

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089879.D
 Acq On : 24 Aug 2016 17:21
 Operator : UM/SJ
 Sample : PB93061BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

Quant Time: Aug 25 12:19:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	434547	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1734437	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	830746	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	1512648	20.00	ng	0.00
75) Chrysene-d12	13.85	240	1118573	20.00	ng	-0.02
86) Perylene-d12	15.31	264	963270	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	3032280	119.67	ng	0.00
7) Phenol-d6	6.31	99	3362947	108.11	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2020819	72.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	941149	119.21	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3828118	80.99	ng	-0.01
78) Terphenyl-d14	12.78	244	3328730	67.32	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	407631	32.51	ng	97
3) Pyridine	2.83	79	1193234	36.28	ng	91
4) n-Nitrosodimethylamine	2.79	42	488261	39.87	ng	# 88
6) Aniline	6.33	93	1118832	26.81	ng	94
8) 2-Chlorophenol	6.46	128	1115629	36.82	ng	# 75
9) Benzaldehyde	6.20	77	252644	12.47	ng	86
10) Phenol	6.32	94	1196877	32.83	ng	97
11) bis(2-Chloroethyl)ether	6.41	93	1102494	39.00	ng	100
12) 1,3-Dichlorobenzene	6.60	146	1177109	37.16	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1240980	38.11	ng	98
14) 1,2-Dichlorobenzene	6.68	146	1240980	40.83	ng	97
15) Benzyl Alcohol	6.81	79	883485	42.83	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1208724	33.41	ng	94
17) 2-Methylphenol	6.94	107	994154	41.89	ng	96
18) Hexachloroethane	7.19	117	443464	38.18	ng	# 88
19) n-Nitroso-di-n-propylamine	7.10	70	790674	39.75	ng	89
20) 3+4-Methylphenols	7.08	107	1178824	40.51	ng	95
22) Acetophenone	7.08	105	1385554	34.79	ng	# 89
24) Nitrobenzene	7.26	77	1267379	40.46	ng	92
25) Isophorone	7.50	82	2103870	37.36	ng	97
26) 2-Nitrophenol	7.58	139	653583	41.82	ng	98
27) 2,4-Dimethylphenol	7.62	122	1144907	40.65	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1281055	36.77	ng	98
29) 2,4-Dichlorophenol	7.82	162	1017805	43.07	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	951626	36.40	ng	98
31) Naphthalene	7.98	128	3109391	38.36	ng	99
32) Benzoic acid	7.74	122	542390	24.71	ng	99
33) 4-Chloroaniline	8.02	127	543386	15.46	ng	# 87
34) Hexachlorobutadiene	8.10	225	500740	36.58	ng	98
35) Caprolactam	8.40	113	224945	31.25	ng	99
36) 4-Chloro-3-methylphenol	8.51	107	1008251	39.39	ng	90
37) 2-Methylnaphthalene	8.67	142	2172404	41.42	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	729678	27.12	ng	99
40) Hexachlorocyclopentadiene	8.83	237	930966	99.68	ng	98

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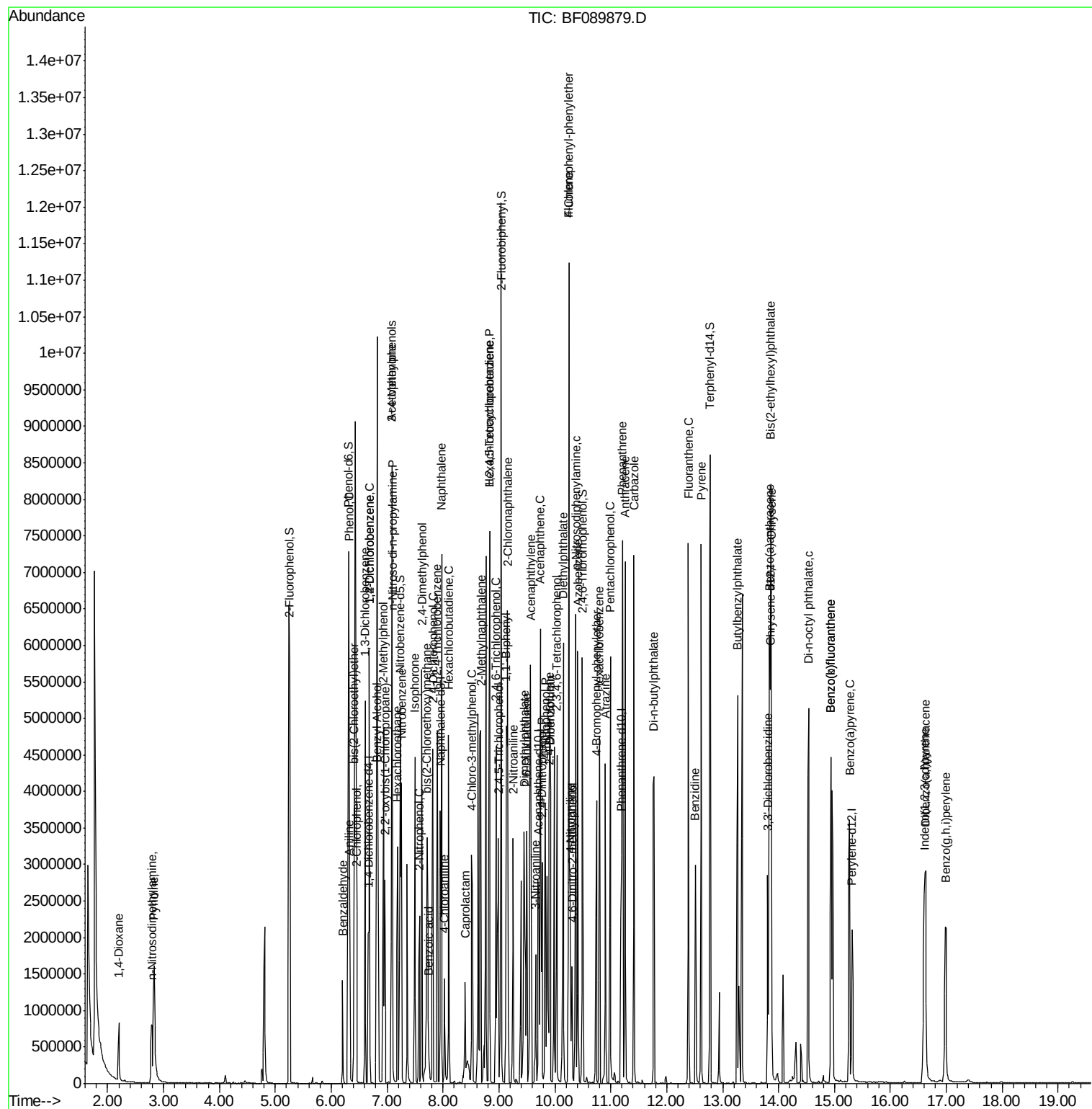
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	660620	39.03	ng	100
43) 2,4,5-Trichlorophenol	8.99	196	677748	40.26	ng	95
45) 1,1'-Biphenyl	9.13	154	2195986	34.16	ng	99
46) 2-Chloronaphthalene	9.15	162	1907681	37.54	ng	98
47) 2-Nitroaniline	9.26	65	657433	45.36	ng	# 69
48) Acenaphthylene	9.56	152	2913406	38.15	ng	99
49) Dimethylphthalate	9.45	163	2341558	40.03	ng	# 98
50) 2,6-Dinitrotoluene	9.50	165	486865	36.05	ng	87
51) Acenaphthene	9.74	154	2156747	42.67	ng	99
52) 3-Nitroaniline	9.66	138	340113	22.73	ng	97
53) 2,4-Dinitrophenol	9.77	184	503346	67.84	ng	# 82
54) Dibenzofuran	9.92	168	2830501	44.59	ng	# 88
55) 4-Nitrophenol	9.83	139	836806	68.52	ng	88
56) 2,4-Dinitrotoluene	9.90	165	644035	36.76	ng	# 60
57) Fluorene	10.25	166	1961023	38.76	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	576340	47.05	ng	98
59) Diethylphthalate	10.15	149	2431285	40.92	ng	98
60) 4-Chlorophenyl-phenylether	10.25	204	877104	38.01	ng	97
61) 4-Nitroaniline	10.27	138	530227	37.80	ng	94
62) Azobenzene	10.41	77	2483700	44.46	ng	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	345046	39.69	ng	# 66
65) n-Nitrosodiphenylamine	10.38	169	2143680	45.07	ng	100
66) 4-Bromophenyl-phenylether	10.74	248	638776	40.28	ng	# 90
67) Hexachlorobenzene	10.80	284	647941	35.81	ng	# 87
68) Atrazine	10.90	200	519570	35.67	ng	97
69) Pentachlorophenol	10.99	266	715271	69.75	ng	98
70) Phenanthrene	11.21	178	3130016	40.97	ng	97
71) Anthracene	11.26	178	2890547	37.22	ng	99
72) Carbazole	11.42	167	2898345	41.61	ng	97
73) Di-n-butylphthalate	11.77	149	3595037	41.25	ng	# 98
74) Fluoranthene	12.39	202	2854258	39.28	ng	95
76) Benzidine	12.51	184	1205108	33.29	ng	97
77) Pyrene	12.62	202	3203166	35.17	ng	97
79) Butylbenzylphthalate	13.27	149	1680570	40.85	ng	91
80) Benzo(a)anthracene	13.84	228	2630743	41.07	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	646801	30.80	ng	# 96
82) Chrysene	13.87	228	2251079	40.99	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	2214131	39.07	ng	97
84) Di-n-octyl phthalate	14.54	149	3747402	49.76	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.61	276	2110154	30.12	ng	100
87) Benzo(b)fluoranthene	14.94	252	2245076	42.37	ng	97
88) Benzo(k)fluoranthene	14.94	252	2245076	46.70	ng	100
89) Benzo(a)pyrene	15.27	252	2061547	41.10	ng	# 96
90) Dibenzo(a,h)anthracene	16.63	278	1734613	31.86	ng	99
91) Benzo(g,h,i)perylene	16.99	276	1815735	31.67	ng	95

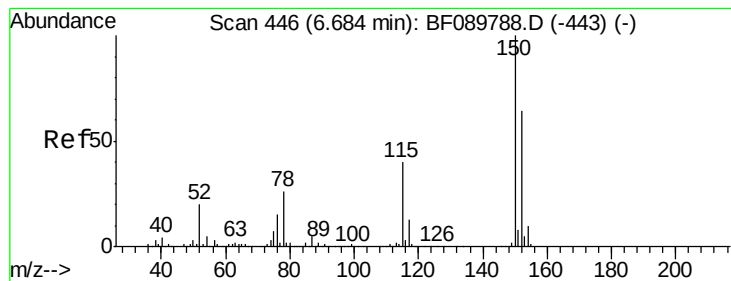
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

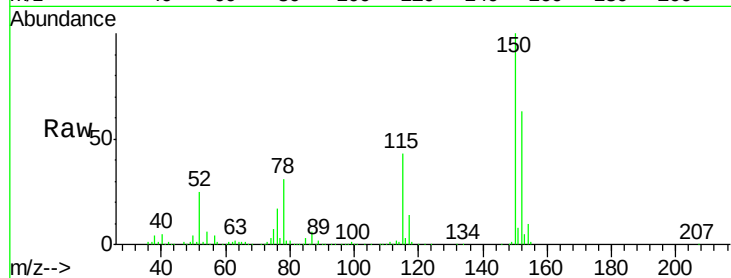
Tgt Ion:152 Resp: 434547

Ion Ratio Lower Upper

152 100

150 159.5 125.3 187.9

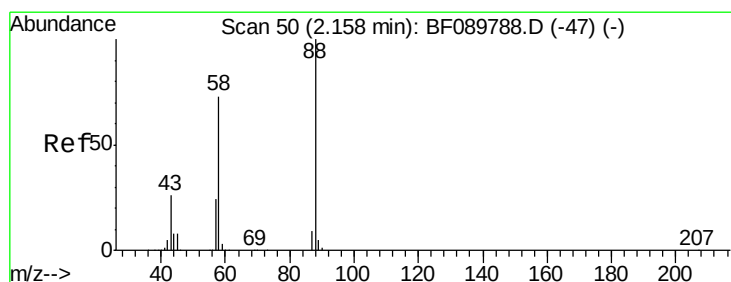
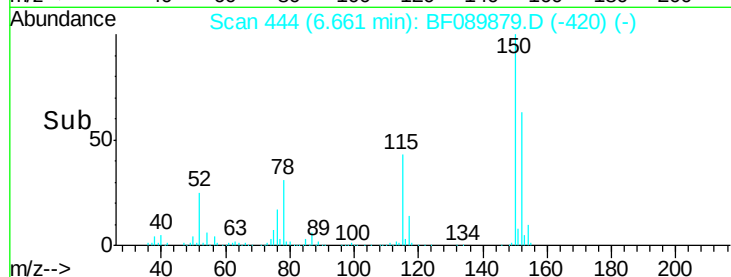
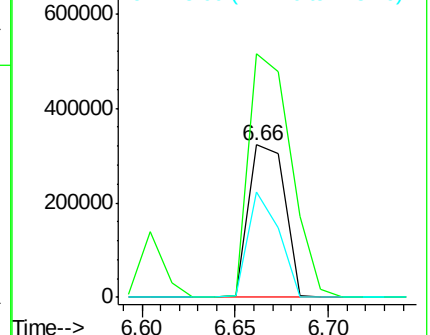
115 68.8 40.9 61.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.51 ng

RT: 2.20 min Scan# 54

Delta R.T. 0.05 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

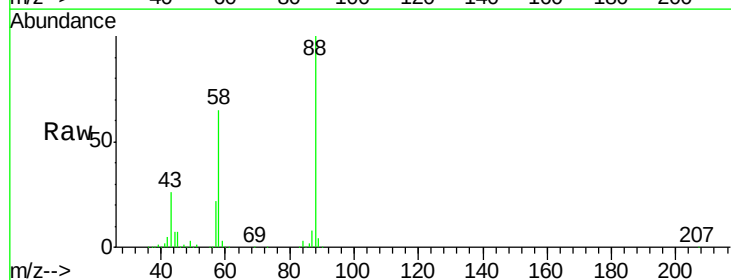
Tgt Ion: 88 Resp: 407631

Ion Ratio Lower Upper

88 100

58 68.5 57.0 85.4

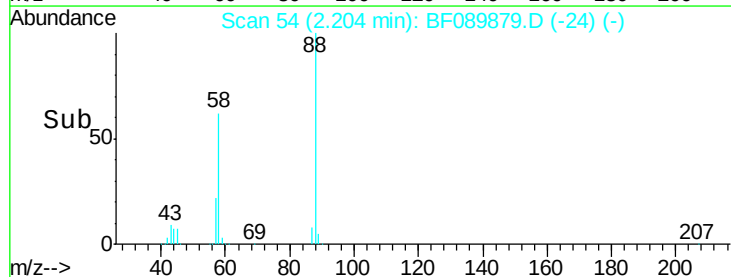
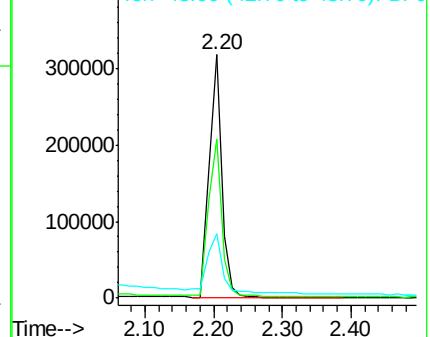
43 28.5 21.8 32.8

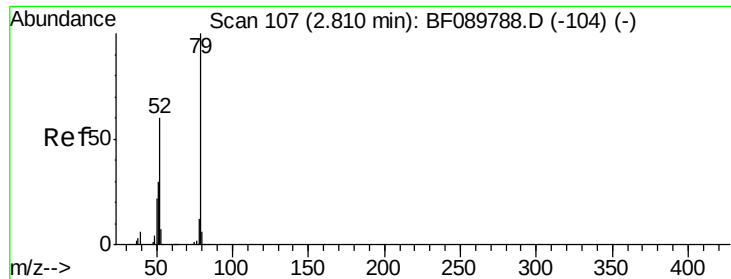


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.28 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.02 min

Lab File: BF089879.D

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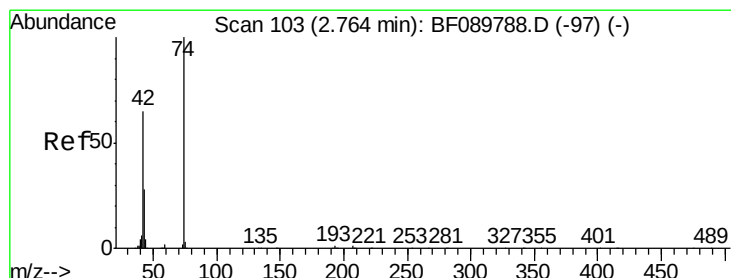
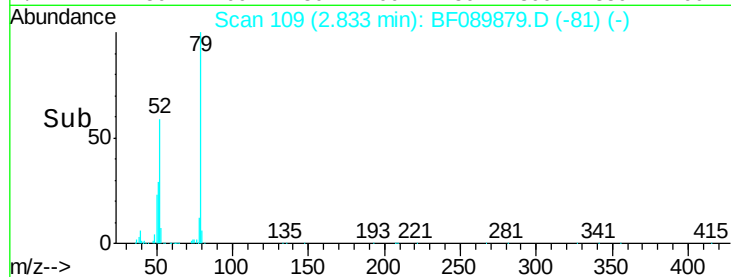
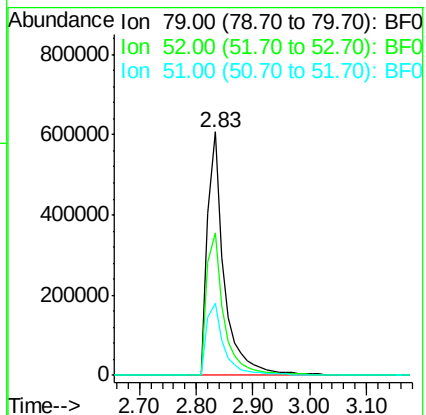
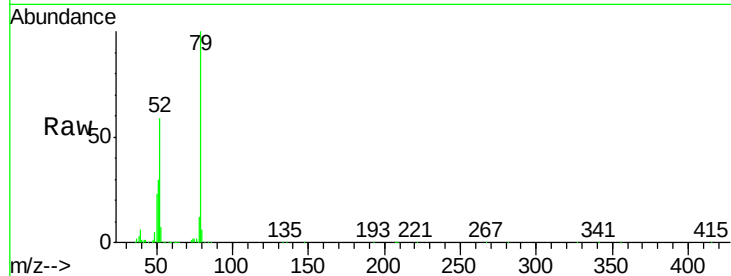
Tgt Ion: 79 Resp: 1193234

Ion Ratio Lower Upper

79 100

52 58.8 53.6 80.4

51 29.5 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 39.87 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

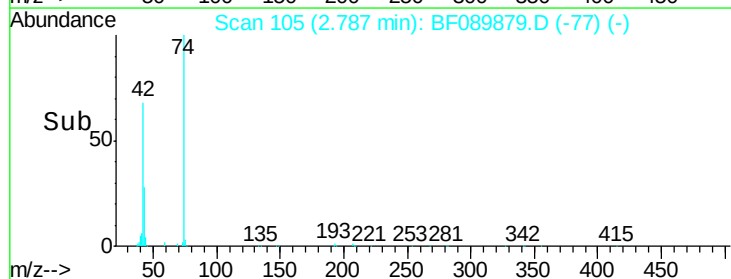
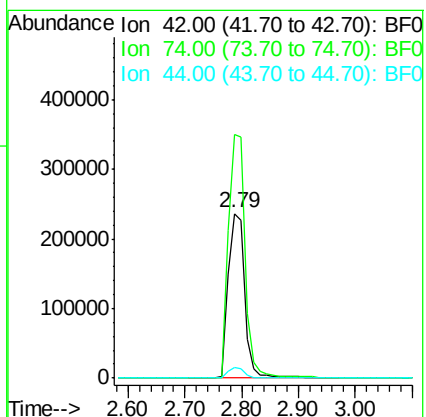
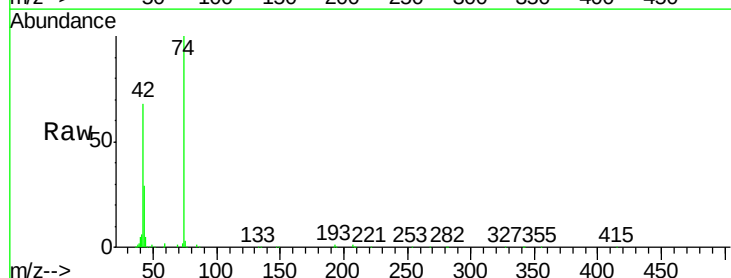
Tgt Ion: 42 Resp: 488261

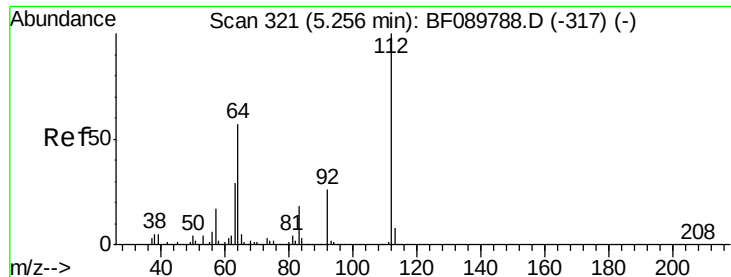
Ion Ratio Lower Upper

42 100

74 147.7 106.2 159.2

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 119.67 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

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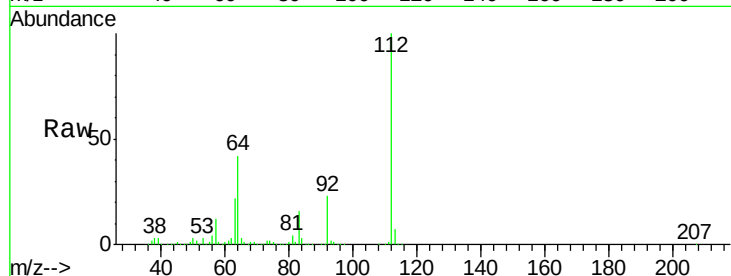
Tgt Ion:112 Resp: 3032280

Ion Ratio Lower Upper

112 100

64 41.7 45.0 67.4#

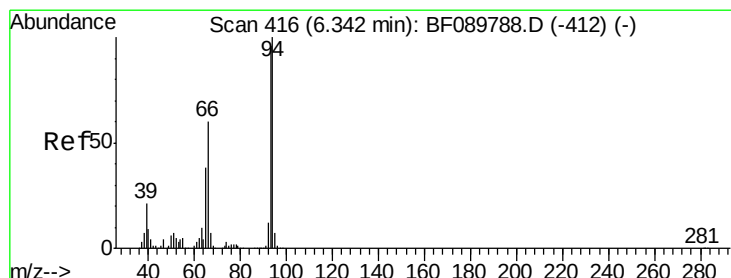
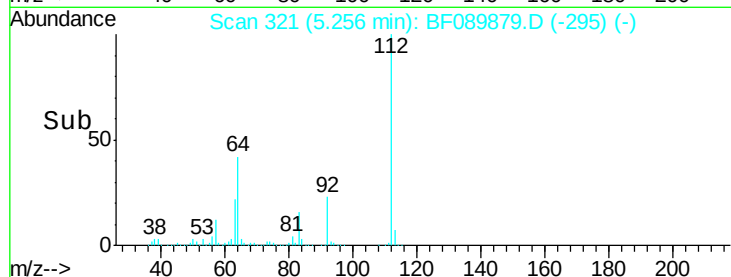
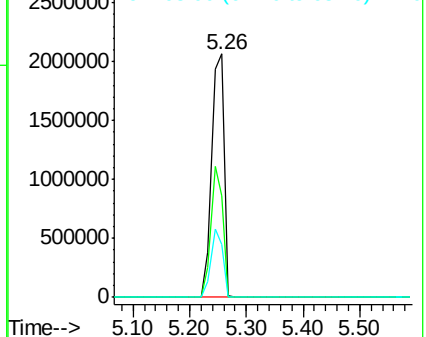
63 21.6 23.1 34.7#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.81 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

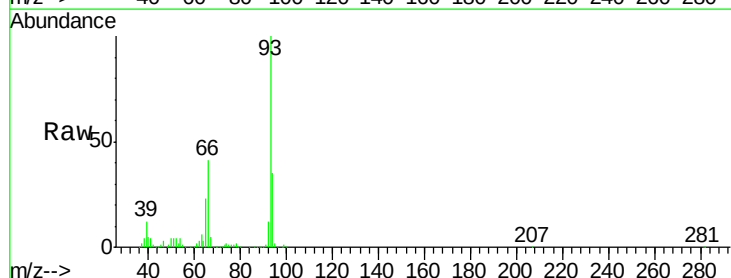
Tgt Ion: 93 Resp: 1118832

Ion Ratio Lower Upper

93 100

66 41.3 30.6 46.0

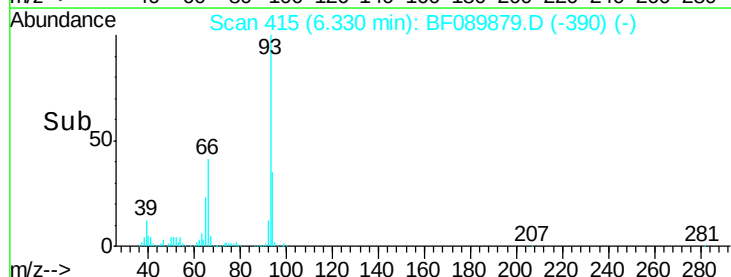
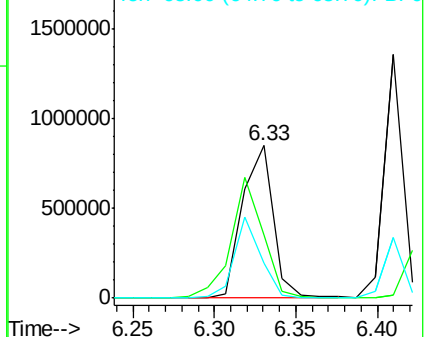
65 22.6 15.4 23.2

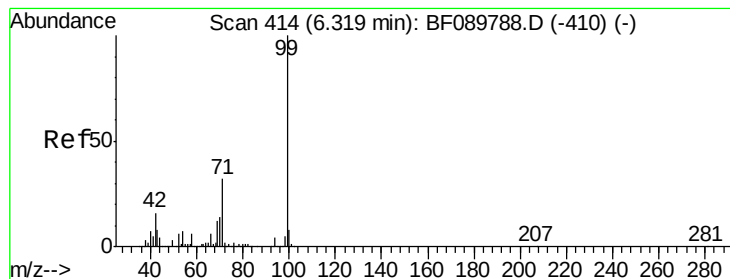


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.11 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

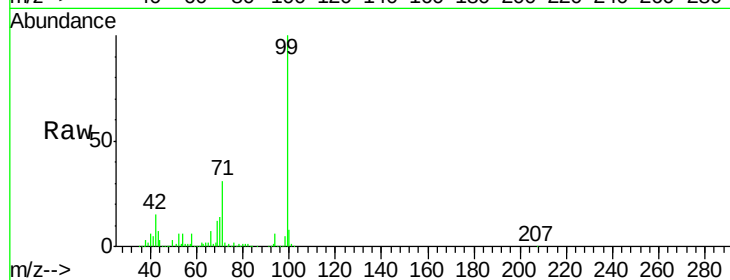
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 3362947

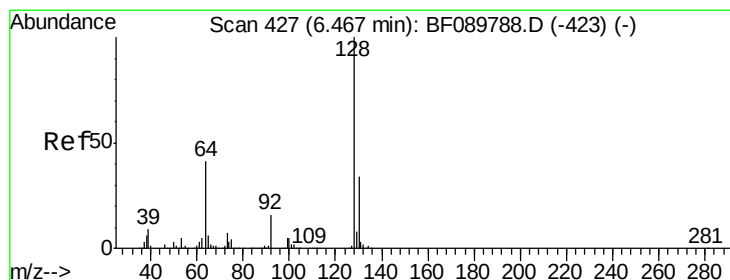
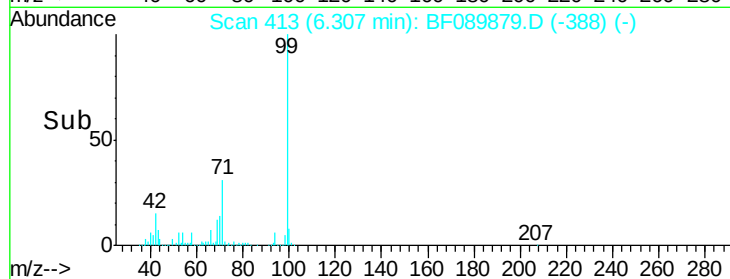
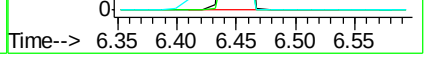
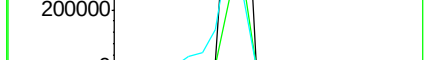
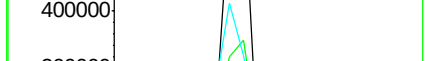
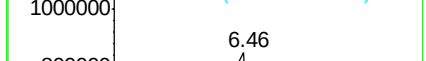
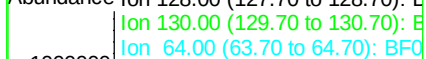
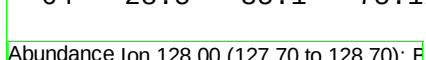
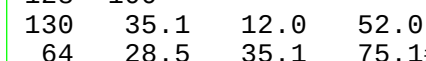
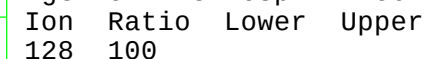
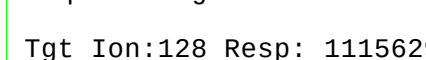
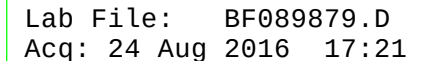
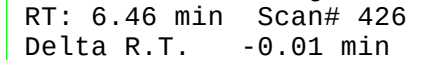
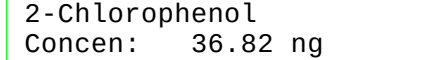
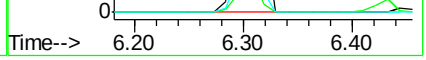
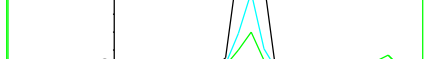
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.4
71	31.3	23.8	35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.82 ng

RT: 6.46 min Scan# 426

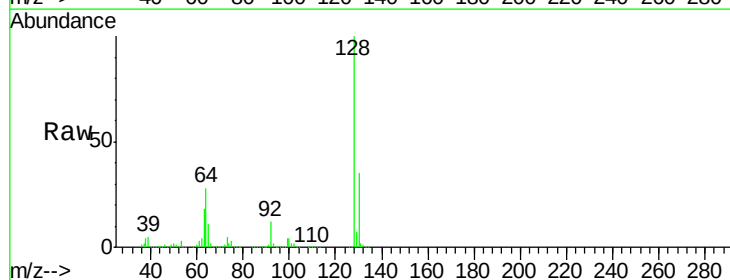
Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Tgt Ion: 128 Resp: 1115629

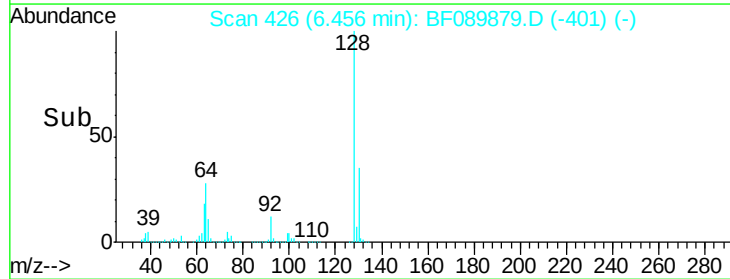
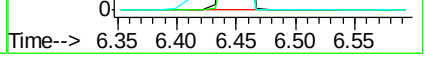
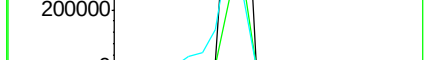
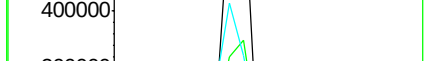
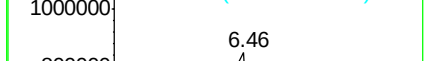
Ion	Ratio	Lower	Upper
128	100		
130	35.1	12.0	52.0
64	28.5	35.1	75.1#

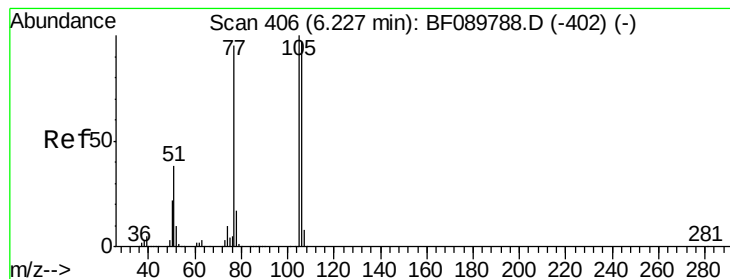


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.47 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

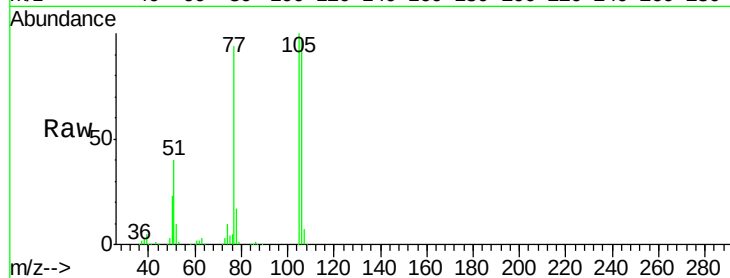
Tgt Ion: 77 Resp: 252644

Ion Ratio Lower Upper

77 100

105 106.2 73.3 113.3

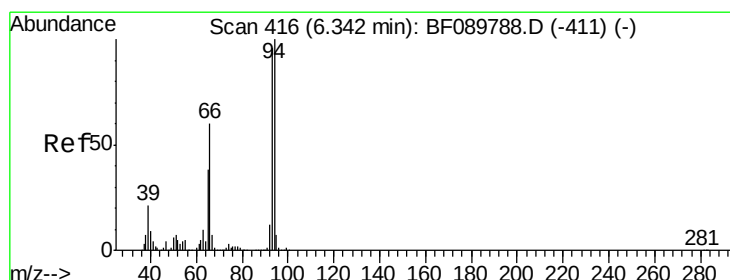
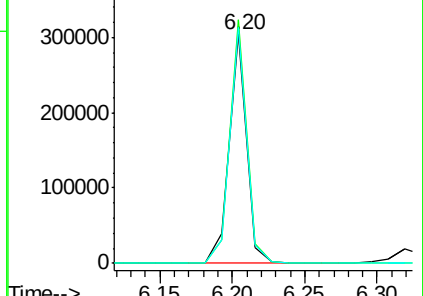
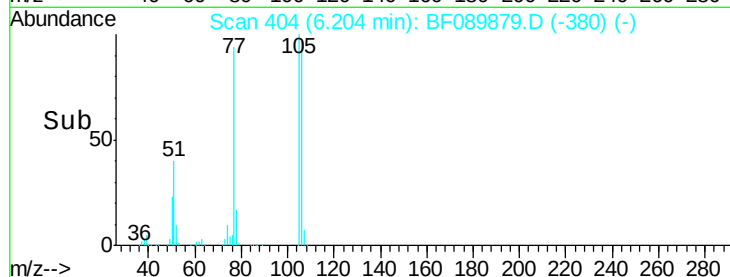
106 103.0 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.83 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

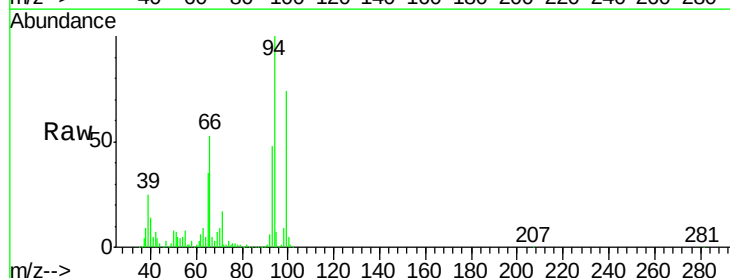
Tgt Ion: 94 Resp: 1196877

Ion Ratio Lower Upper

94 100

65 35.5 14.0 54.0

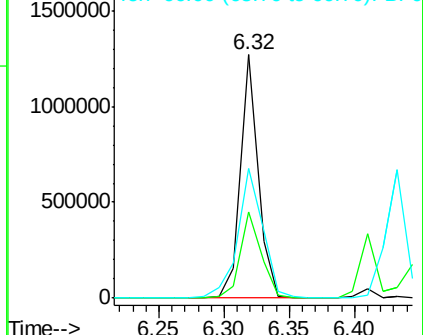
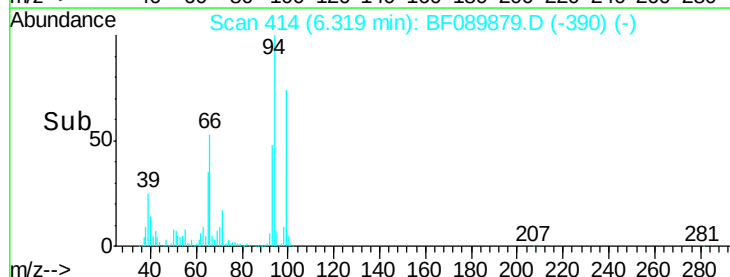
66 53.0 31.2 71.2

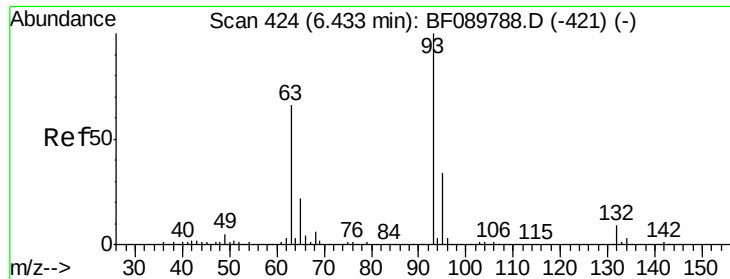


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

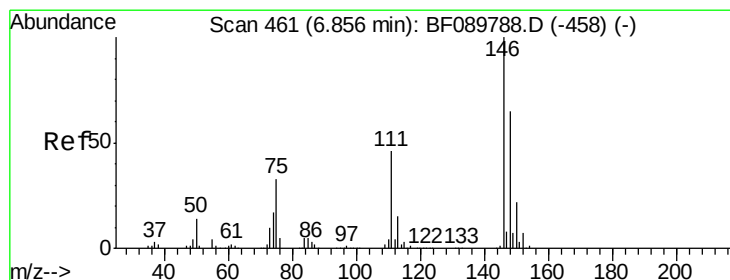
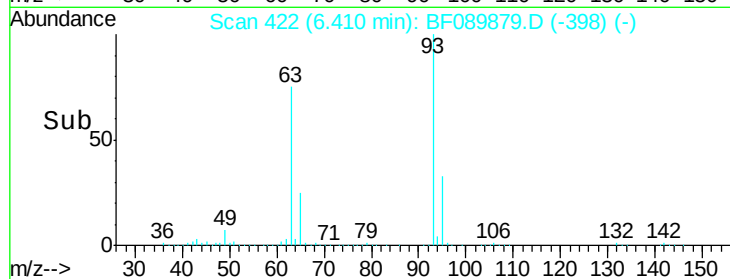
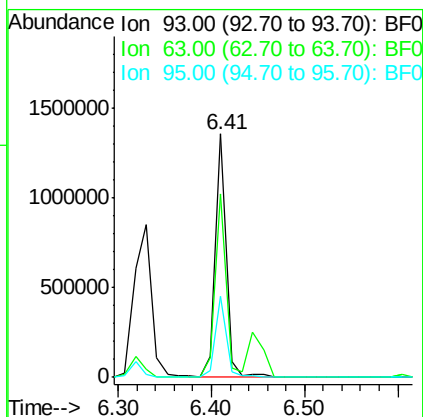
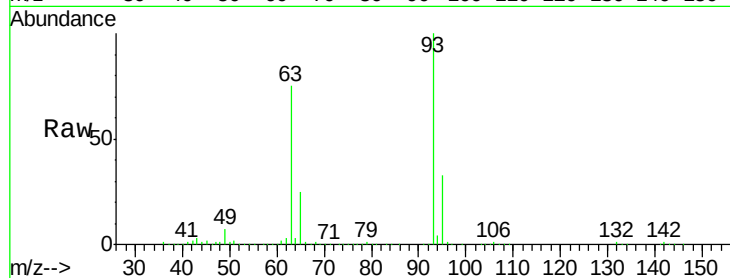




#11
 bis(2-Chloroethyl)ether
 Concen: 39.00 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

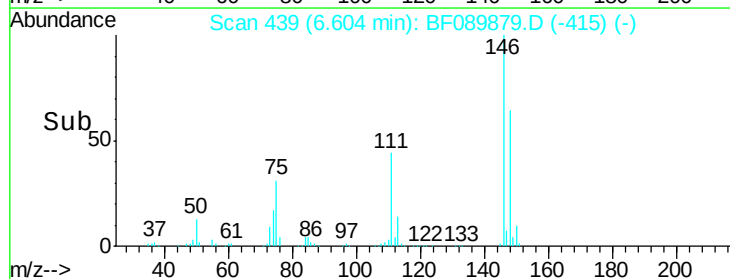
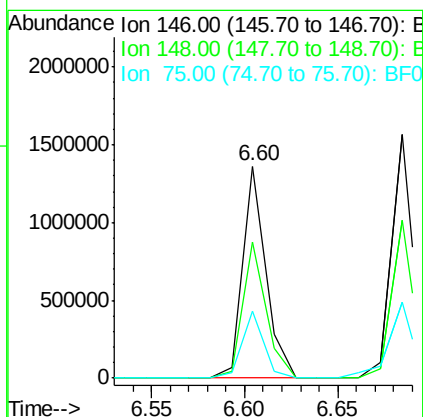
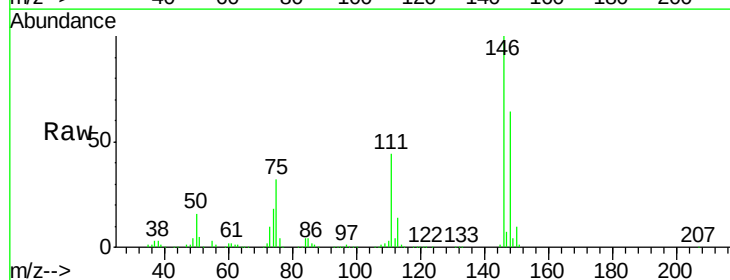
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

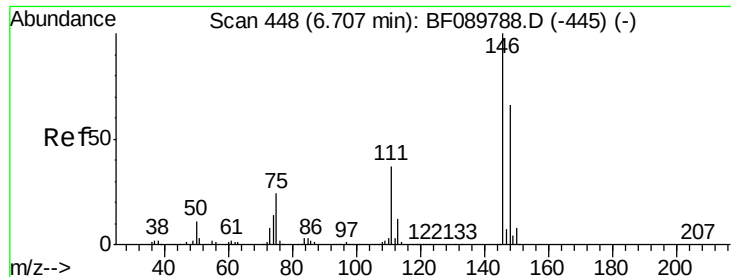
Tgt Ion: 93 Resp: 1102494
 Ion Ratio Lower Upper
 93 100
 63 75.5 55.8 95.8
 95 33.4 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 37.16 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion: 146 Resp: 1177109
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.4
 75 31.7 27.0 40.6

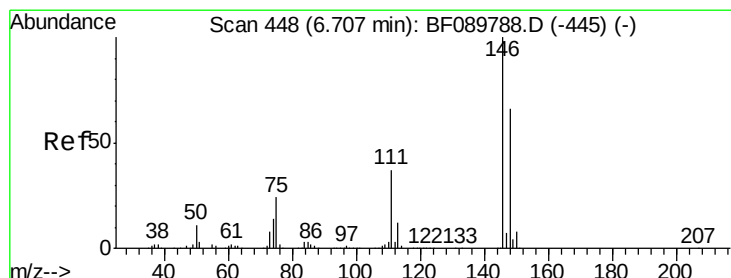
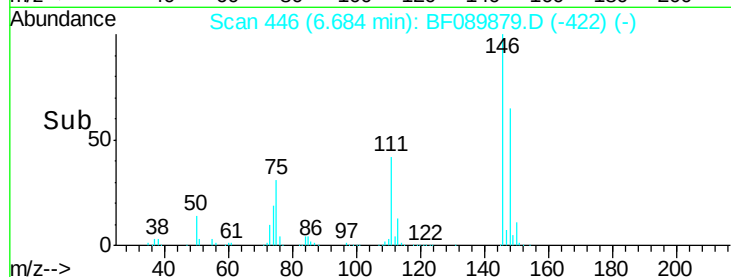
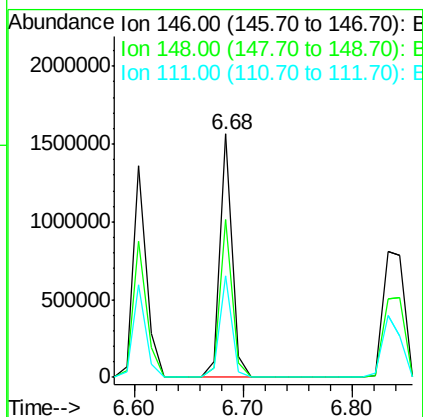
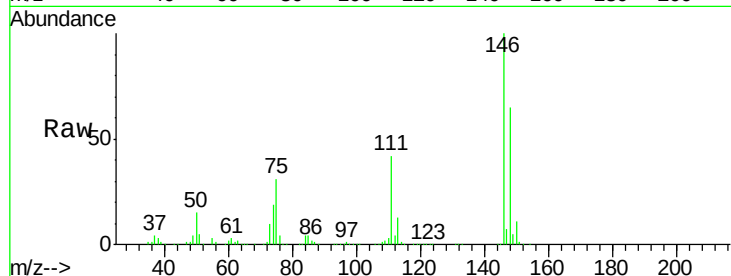




#13
 1,4-Dichlorobenzene
 Concen: 38.11 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

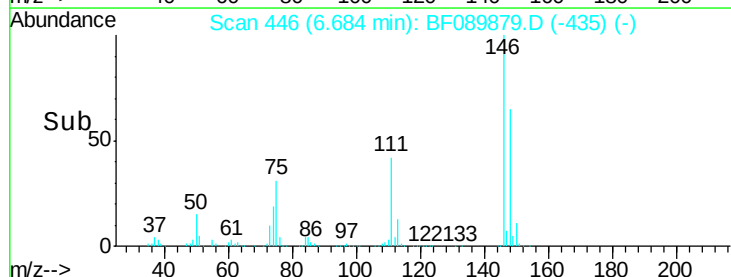
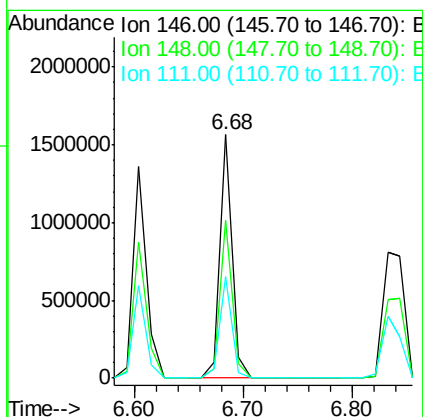
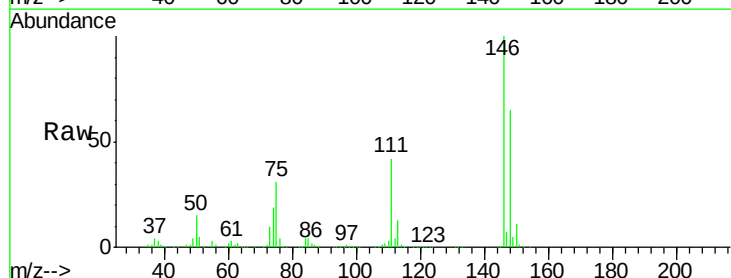
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

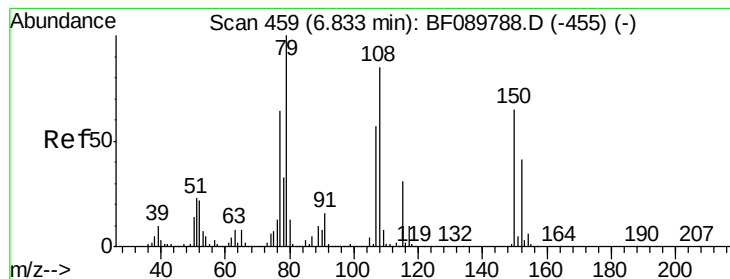
Tgt Ion:146 Resp: 1240980
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 41.5 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 40.83 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.17 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion:146 Resp: 1240980
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 41.5 29.8 44.6





#15

Benzyl Alcohol

Concen: 42.83 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

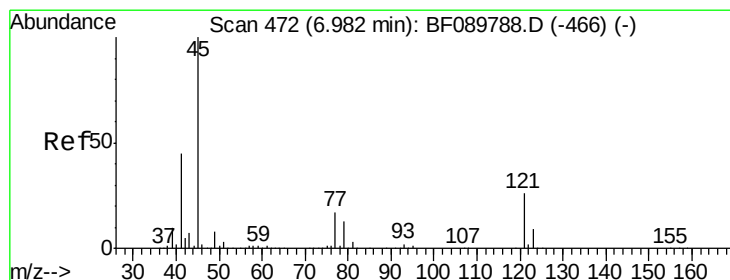
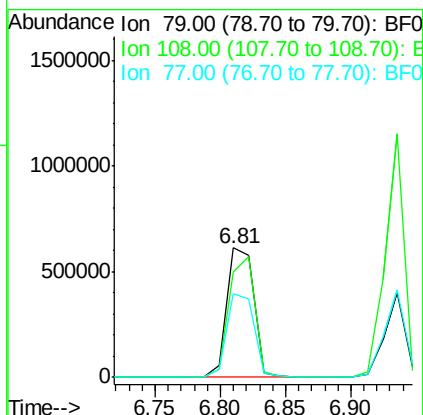
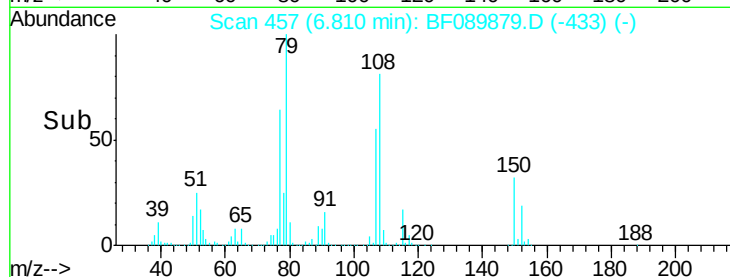
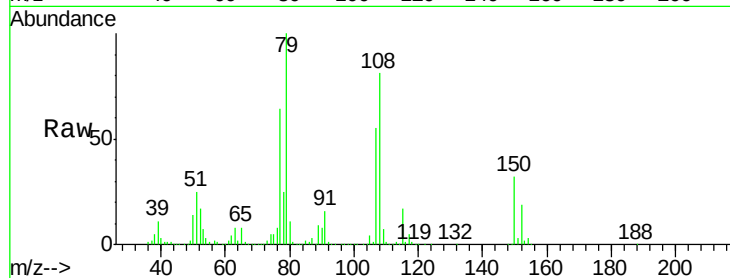
Tgt Ion: 79 Resp: 883485

Ion Ratio Lower Upper

79 100

108 81.5 62.5 93.7

77 64.2 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.41 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

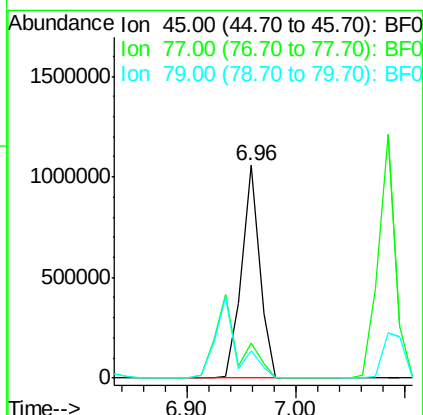
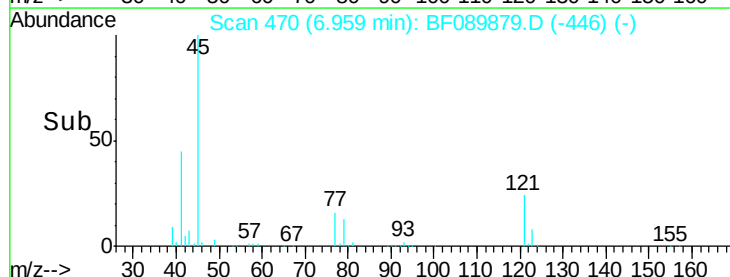
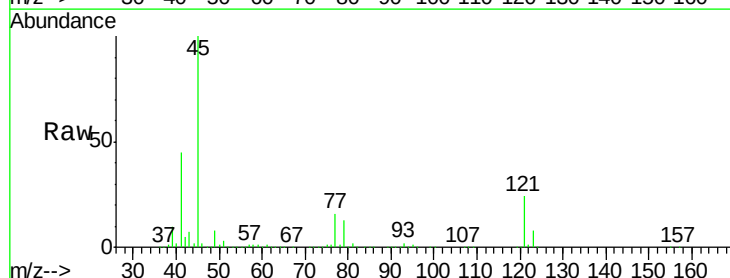
Tgt Ion: 45 Resp: 1208724

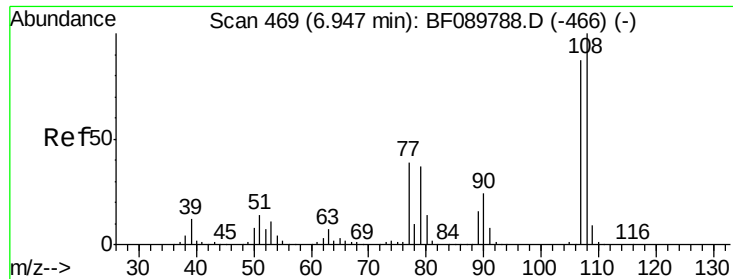
Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.5

79 12.8 0.0 30.7





#17

2-Methylphenol

Concen: 41.89 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

Tgt Ion:107 Resp: 994154

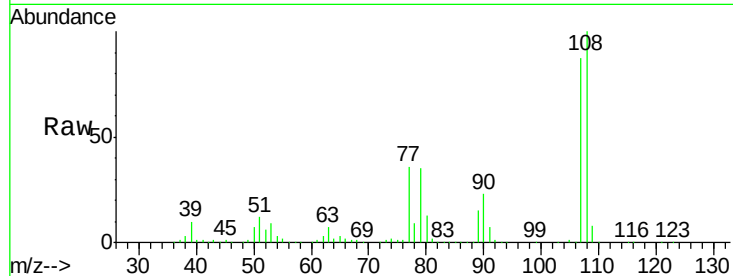
Ion Ratio Lower Upper

107 100

108 115.1 91.0 136.4

77 41.5 37.4 56.0

79 40.3 36.6 55.0

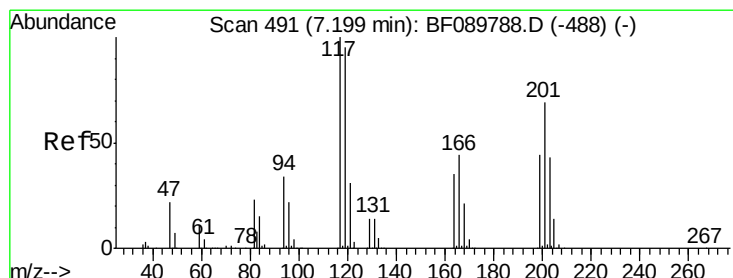
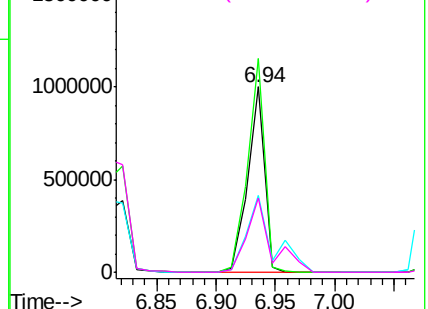
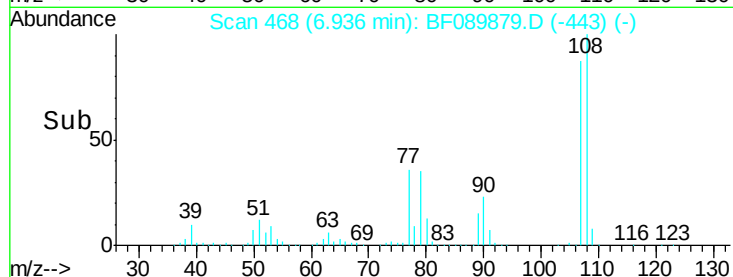


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.18 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

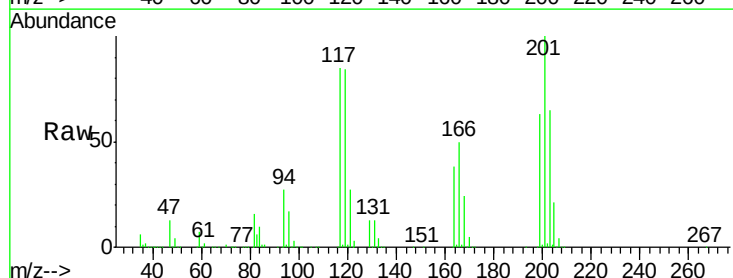
Tgt Ion:117 Resp: 443464

Ion Ratio Lower Upper

117 100

119 98.0 77.1 115.7

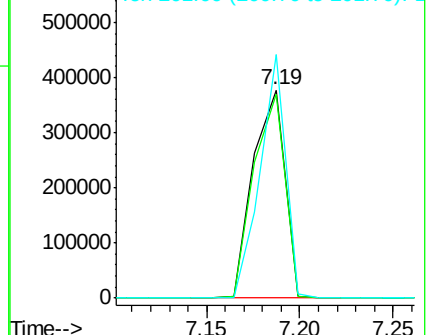
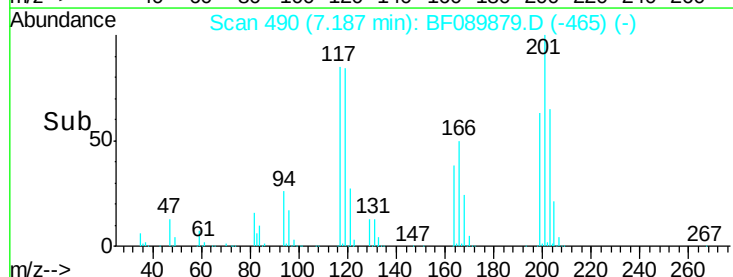
201 117.1 76.9 115.3#

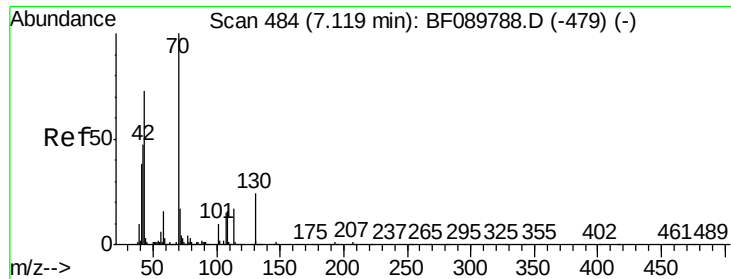


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

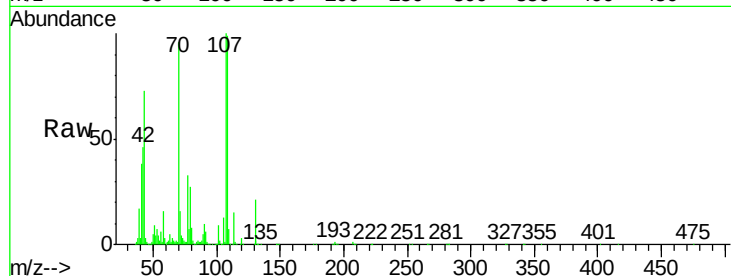




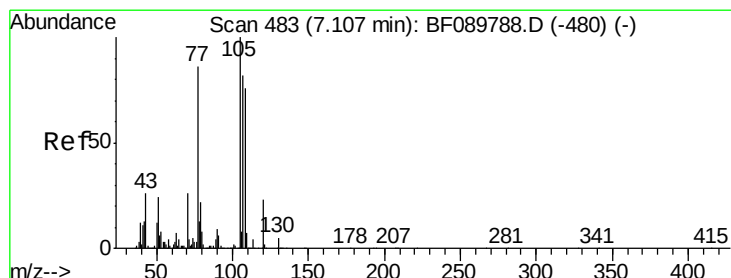
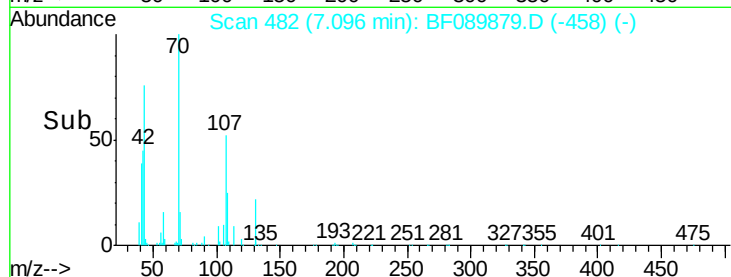
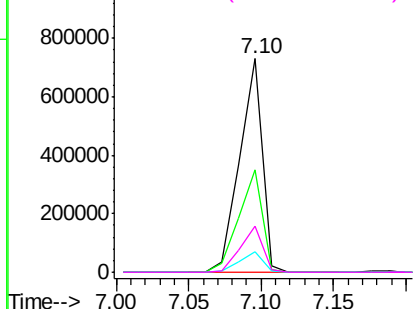
#19
n-Nitroso-di-n-propylamine
Concen: 39.75 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB93061BSD

Tgt Ion:	70	Resp:	790674
Ion	Ratio	Lower	Upper
70	100		
42	48.0	46.3	69.5
101	9.7	7.0	10.6
130	21.6	14.4	21.6

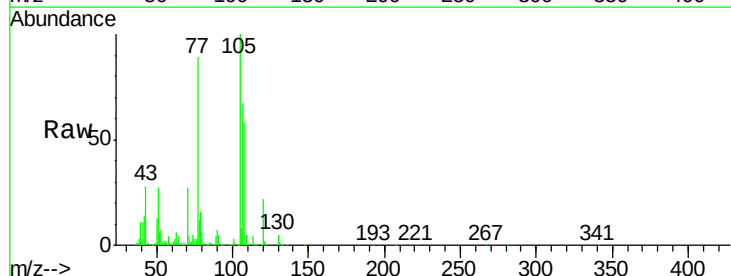


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

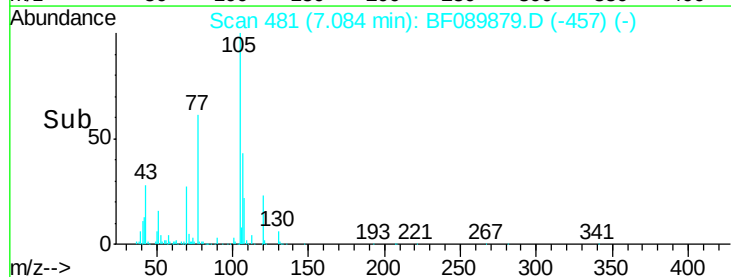
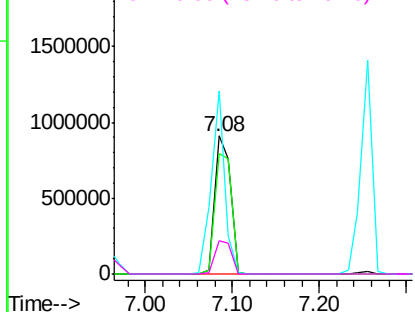


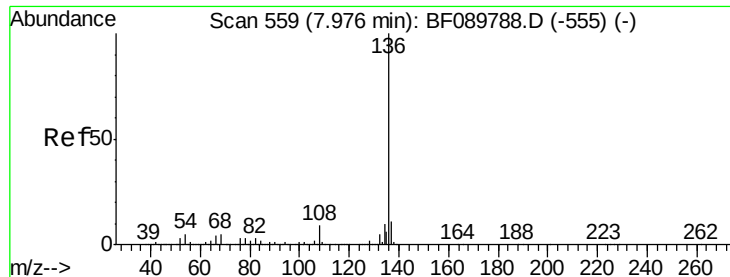
#20
3+4-Methylphenols
Concen: 40.51 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Tgt Ion:	107	Resp:	1178824
Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.2	108.2
77	133.2	122.3	162.3
79	24.5	8.2	48.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

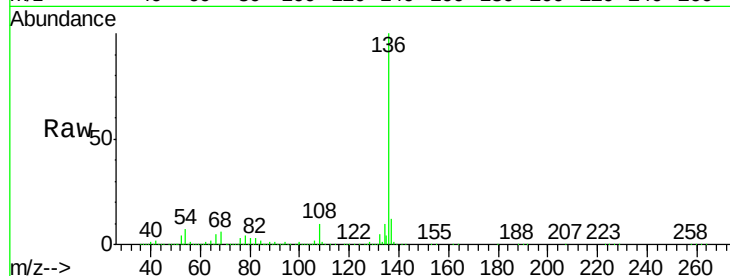




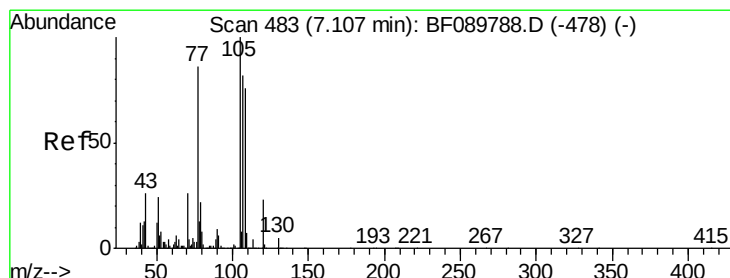
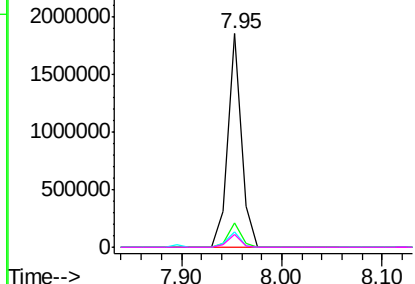
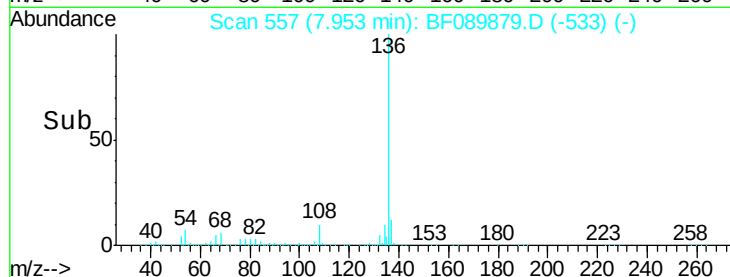
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB93061BSD

Tgt Ion:	136	Resp:	1734437
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.9	7.2	10.8#
68	6.2	5.8	8.8

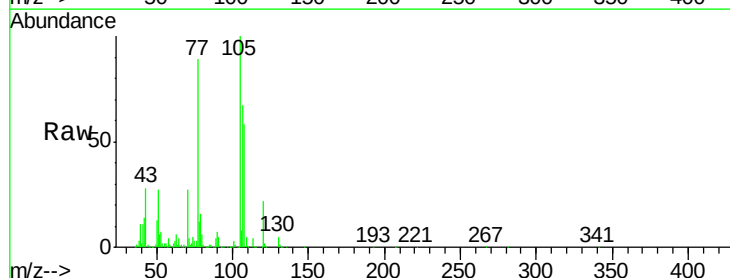


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

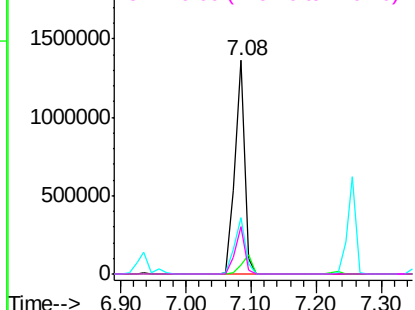
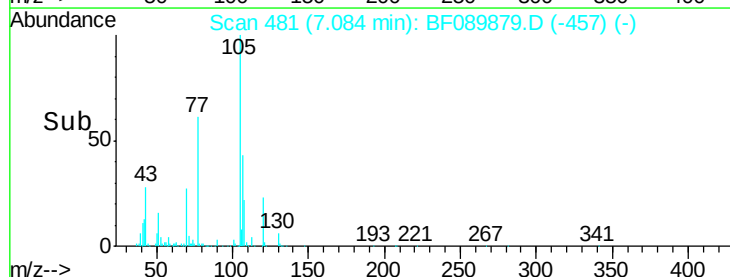


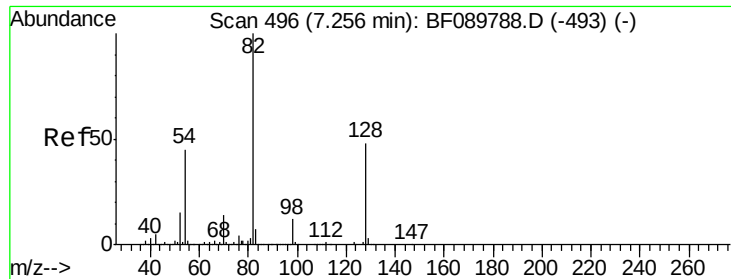
#22
Acetophenone
Concen: 34.79 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Tgt Ion:	105	Resp:	1385554
Ion	Ratio	Lower	Upper
105	100		
71	4.5	1.9	2.9#
51	26.7	28.5	42.7#
120	22.2	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

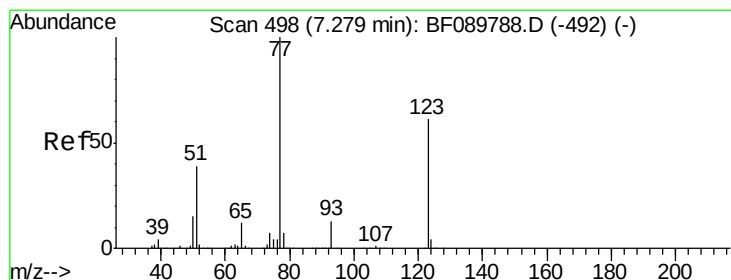
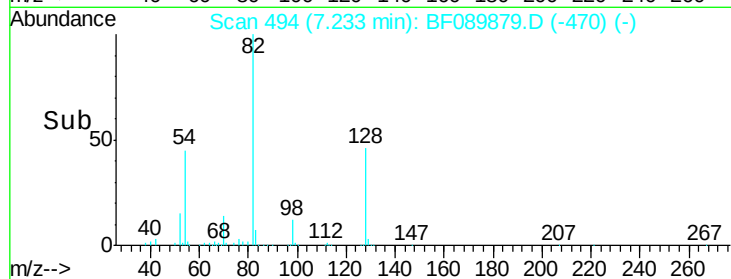
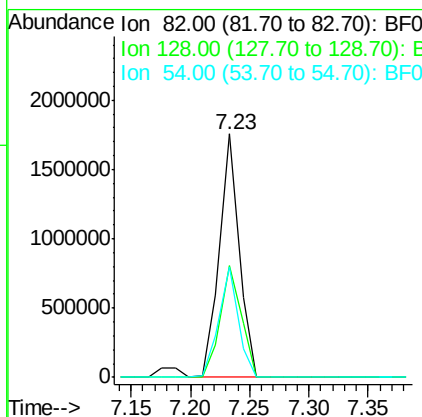
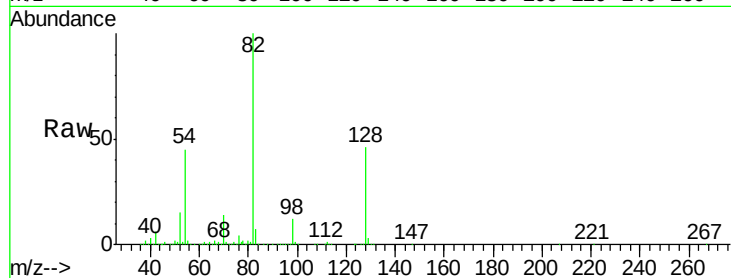




#23
 Nitrobenzene-d5
 Concen: 72.38 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

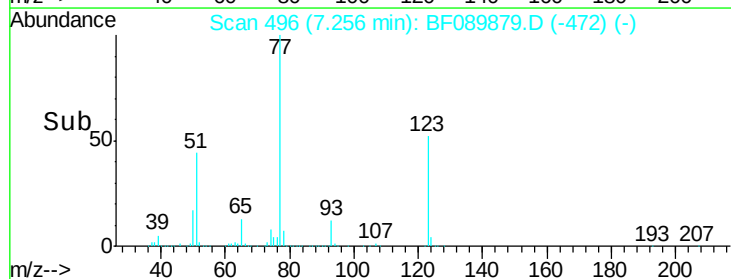
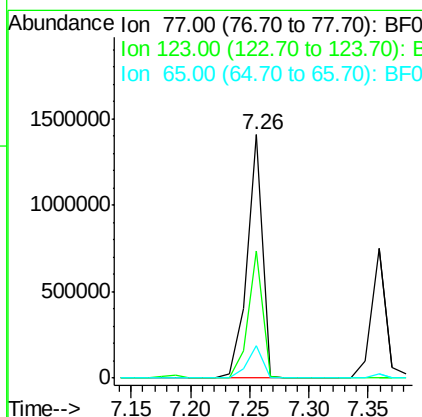
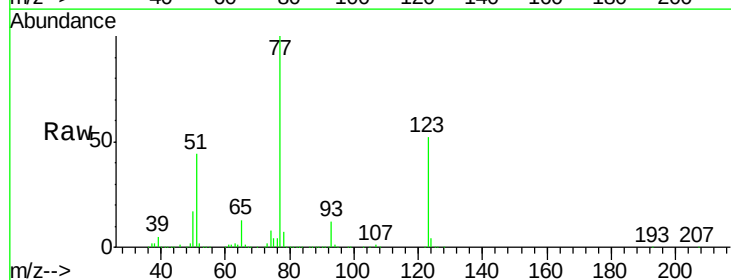
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

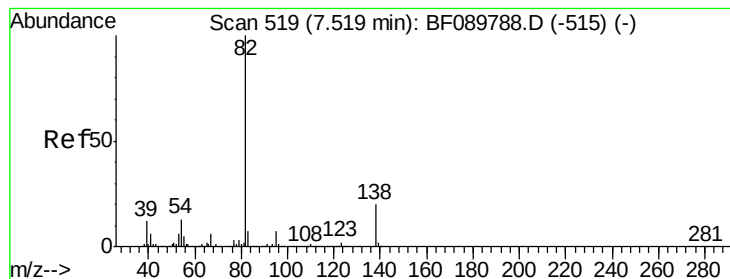
Tgt Ion: 82 Resp: 2020819
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.4 51.6
 54 45.5 40.3 60.5



#24
 Nitrobenzene
 Concen: 40.46 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion: 77 Resp: 1267379
 Ion Ratio Lower Upper
 77 100
 123 52.2 36.2 54.2
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 37.36 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

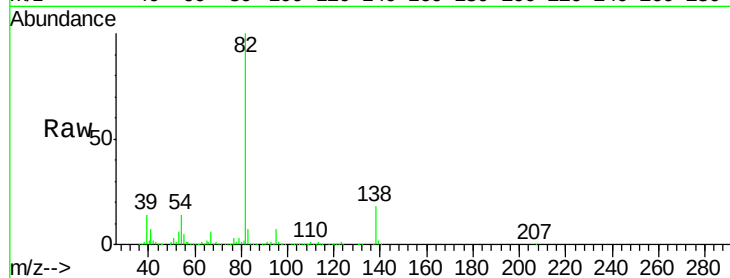
Tgt Ion: 82 Resp: 2103870

Ion Ratio Lower Upper

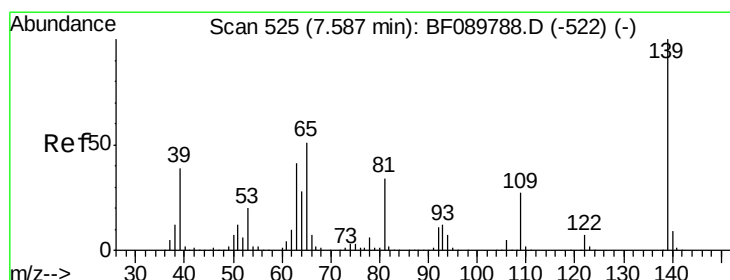
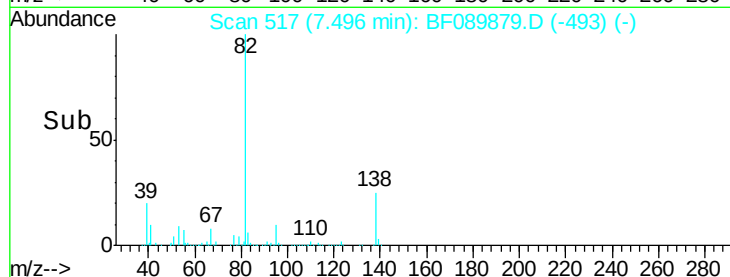
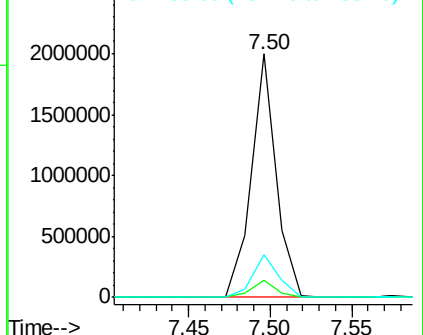
82 100

95 6.8 5.3 7.9

138 17.7 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.82 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

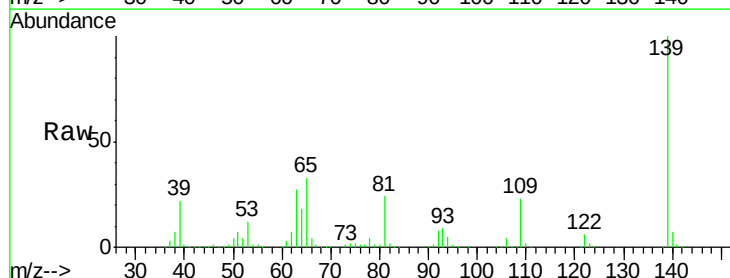
Tgt Ion: 139 Resp: 653583

Ion Ratio Lower Upper

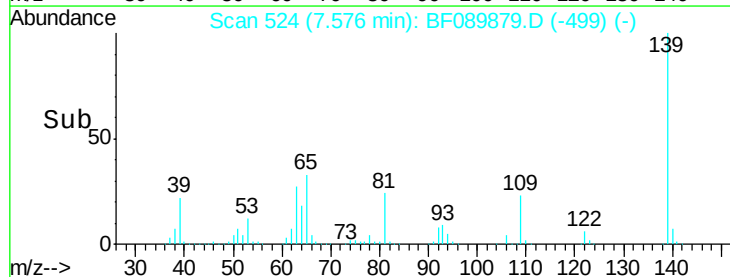
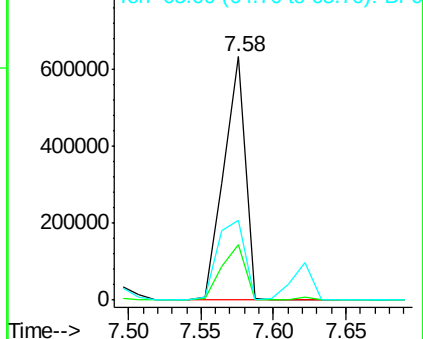
139 100

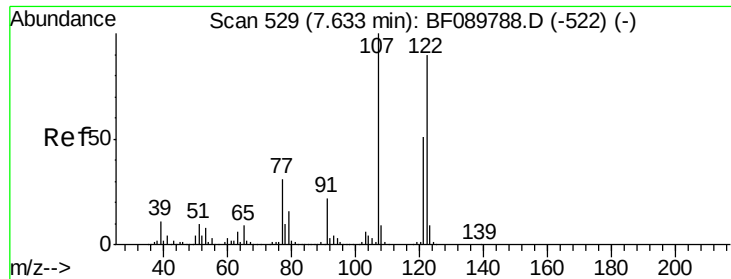
109 22.8 19.5 29.3

65 32.8 26.5 39.7



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.65 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

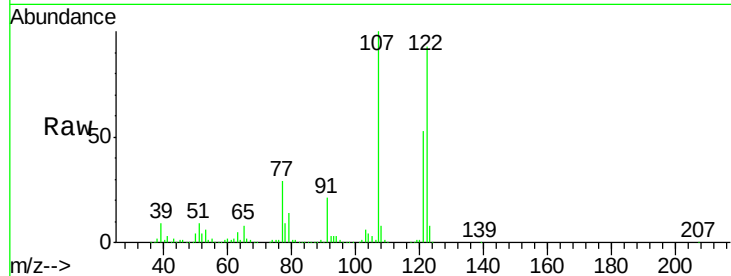
Tgt Ion:122 Resp: 1144907

Ion Ratio Lower Upper

122 100

107 107.7 84.8 127.2

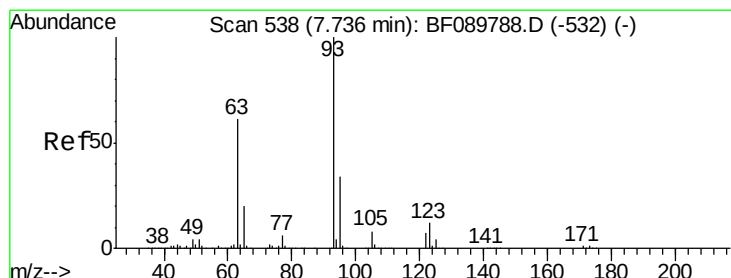
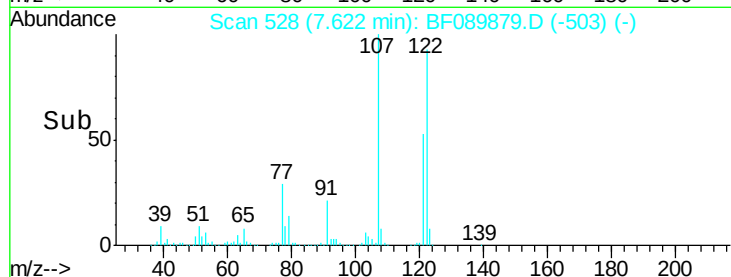
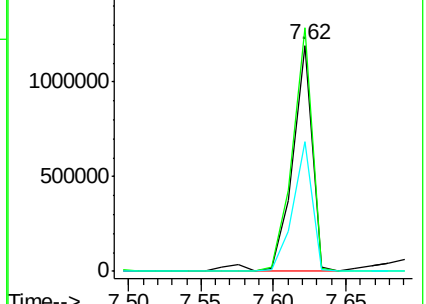
121 57.6 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.77 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

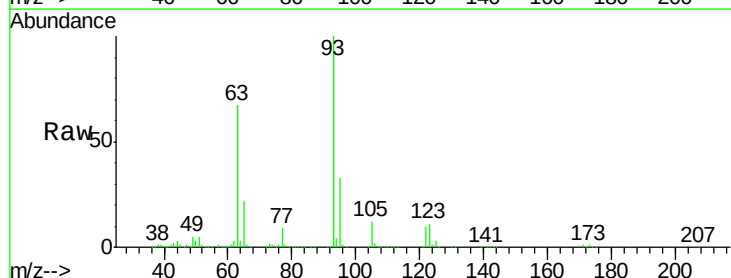
Tgt Ion: 93 Resp: 1281055

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

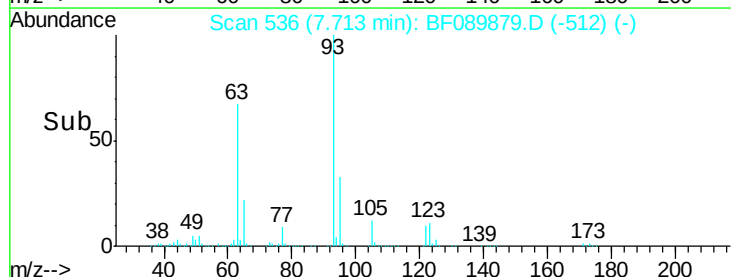
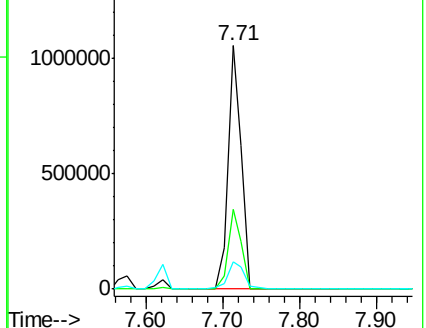
123 11.2 8.5 12.7

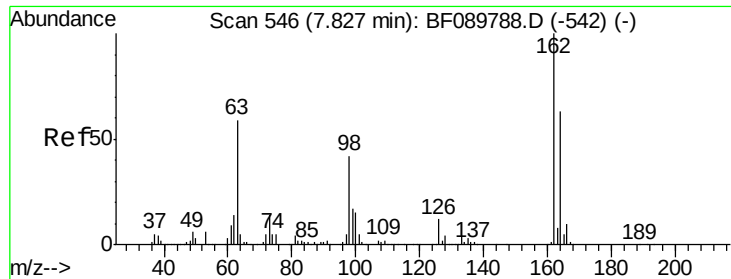


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

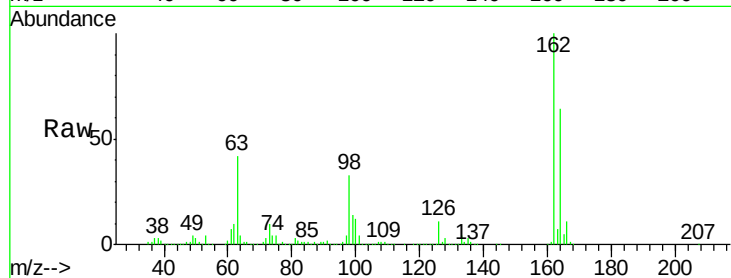




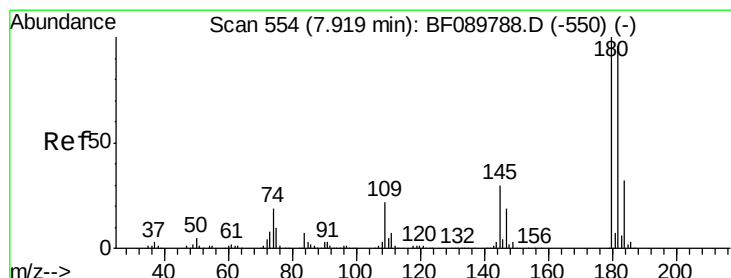
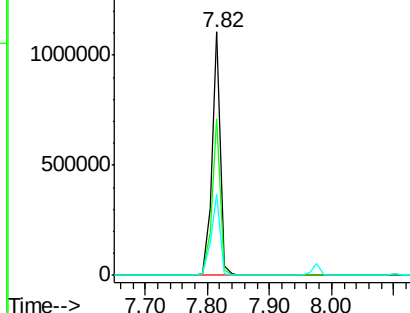
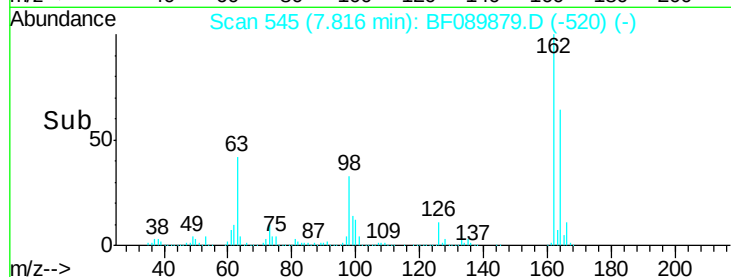
#29
 2,4-Dichlorophenol
 Concen: 43.07 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

Tgt Ion:162 Resp: 1017805
 Ion Ratio Lower Upper
 162 100
 164 64.1 45.5 85.5
 98 33.4 12.4 52.4

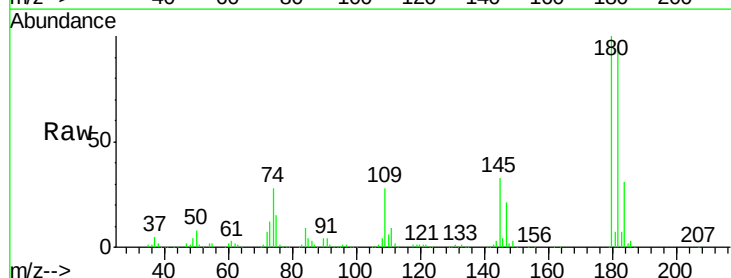


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

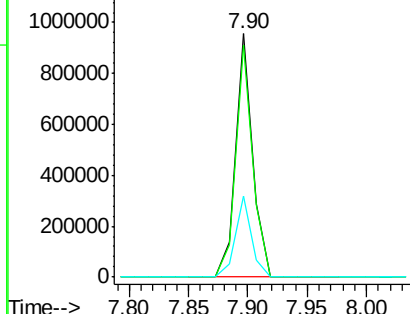
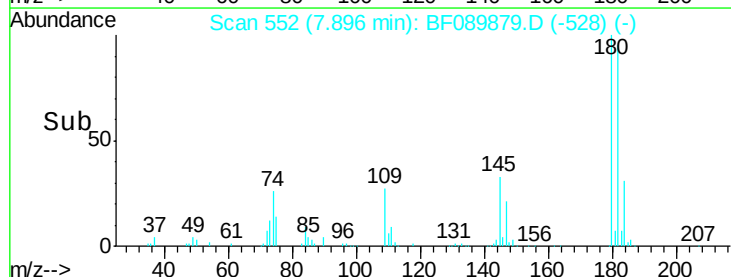


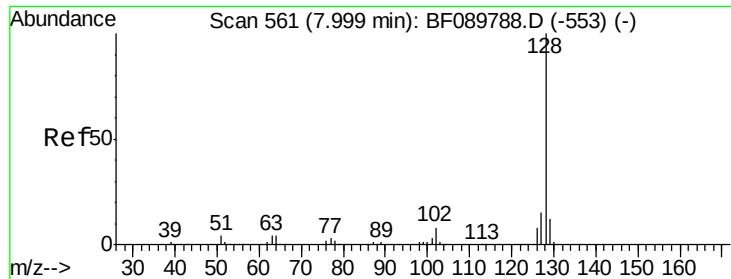
#30
 1,2,4-Trichlorobenzene
 Concen: 36.40 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion:180 Resp: 951626
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.5 113.3
 145 33.4 28.7 43.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

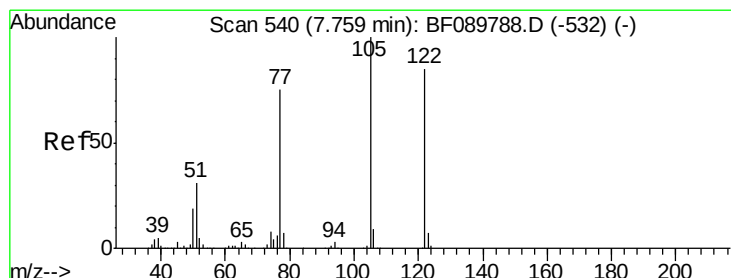
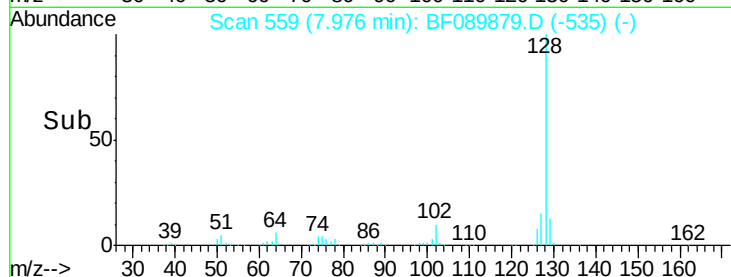
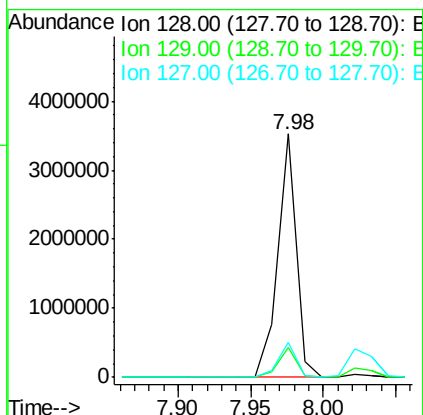
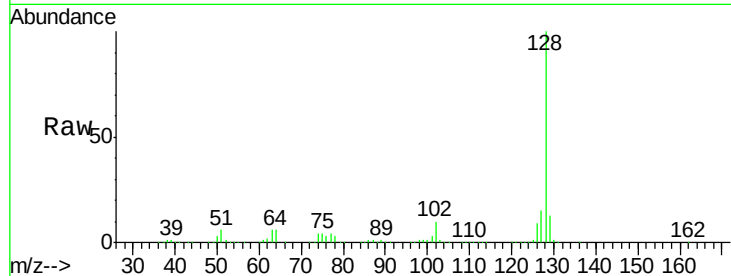




#31
Naphthalene
Concen: 38.36 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

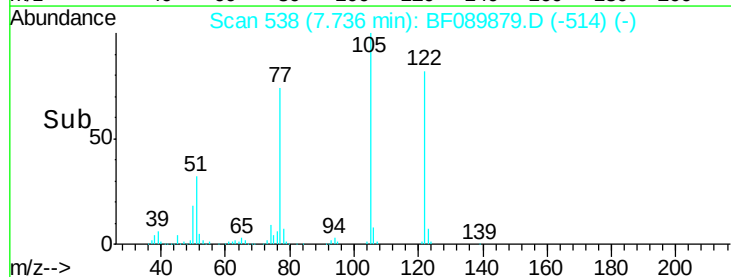
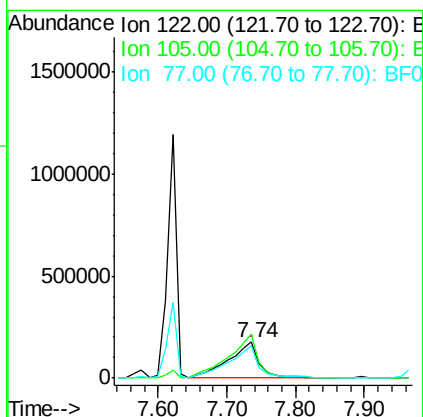
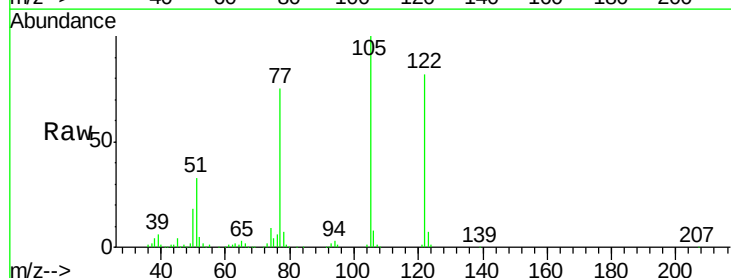
Instrument :
BNA_F
ClientSampleId :
PB93061BSD

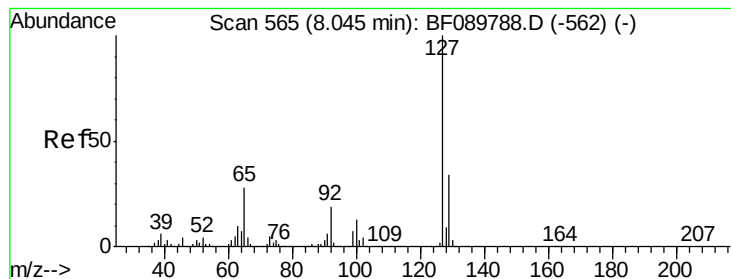
Tgt Ion:128 Resp: 3109391
Ion Ratio Lower Upper
128 100
129 12.5 9.5 14.3
127 14.5 11.3 16.9



#32
Benzoic acid
Concen: 24.71 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Tgt Ion:122 Resp: 542390
Ion Ratio Lower Upper
122 100
105 121.7 100.8 140.8
77 90.8 72.1 112.1





#33

4-Chloroaniline

Concen: 15.46 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

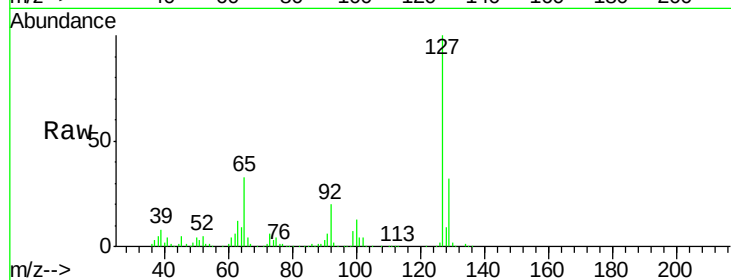
Instrument :

BNA_F

ClientSampleId :

PB93061BSD

Tgt Ion:	127	Resp:	543386
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.0	40.6
65	33.5	14.7	22.1#
92	20.0	11.7	17.5#

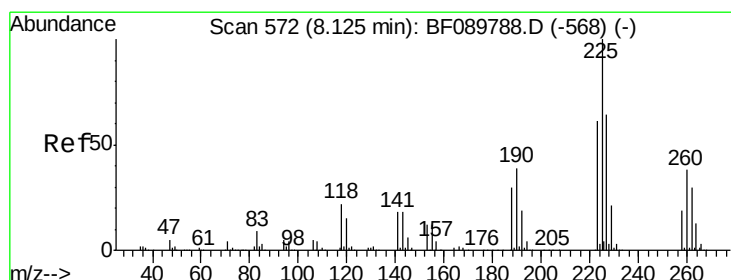
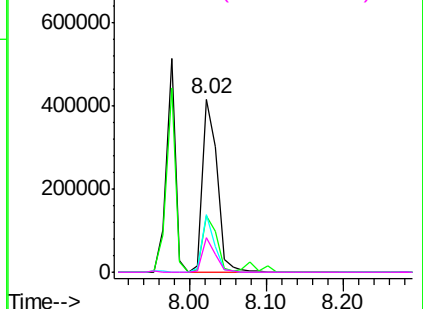
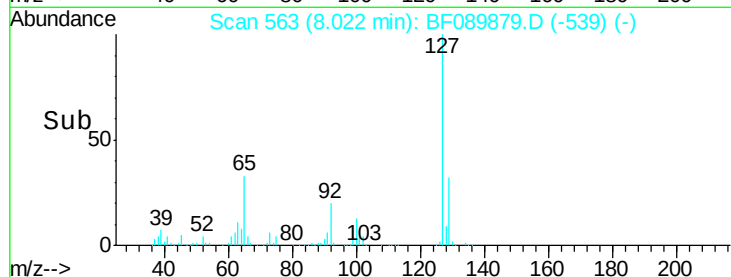


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.58 ng

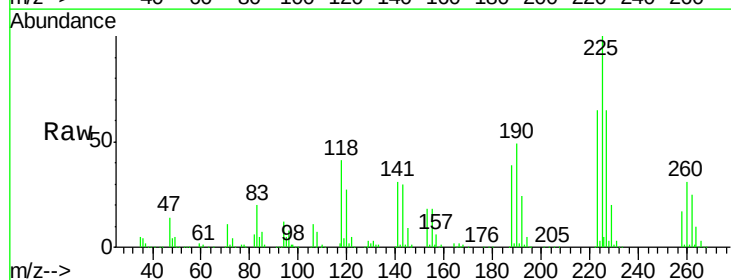
RT: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

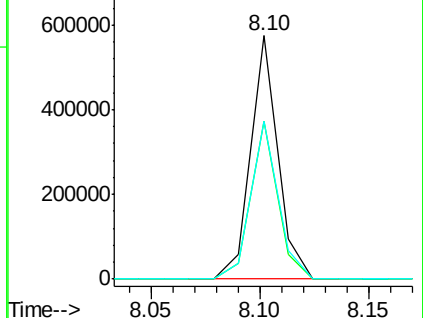
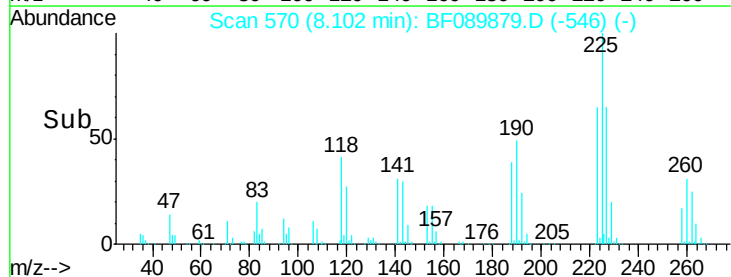
Tgt Ion:	225	Resp:	500740
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.0	76.6
227	64.7	49.8	74.6

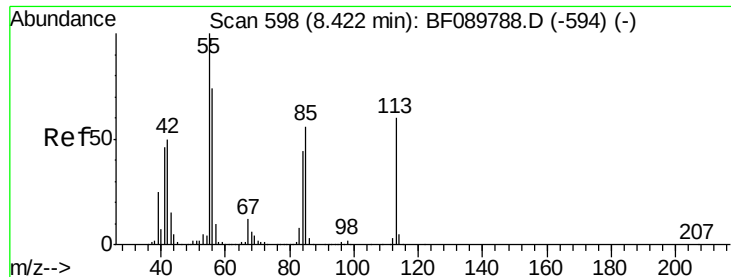


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

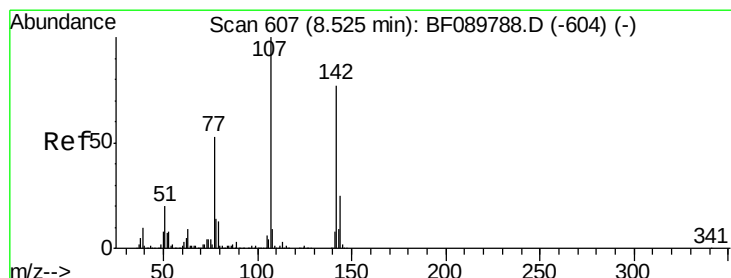
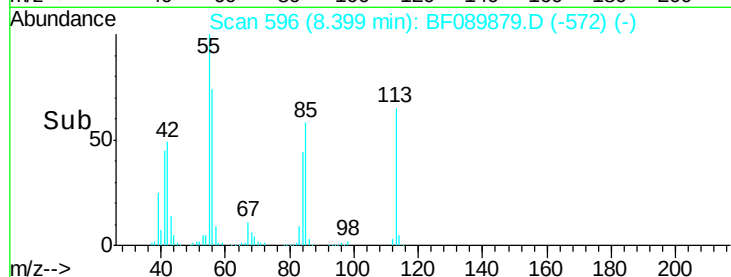
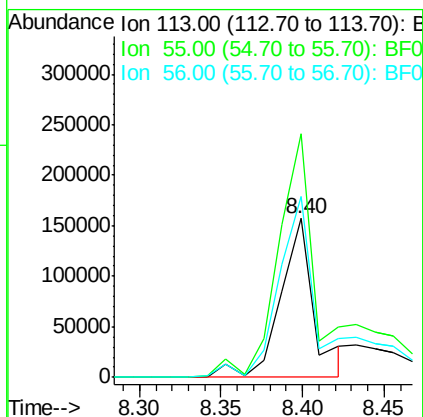
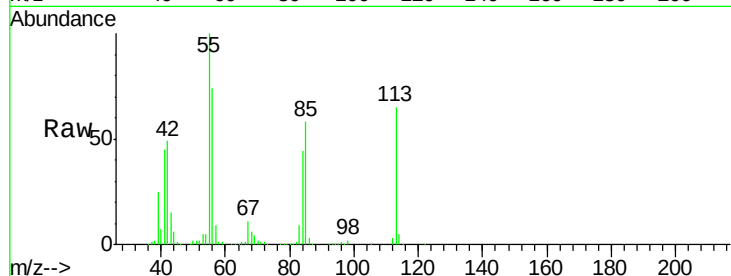




#35
 Caprolactam
 Concen: 31.25 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

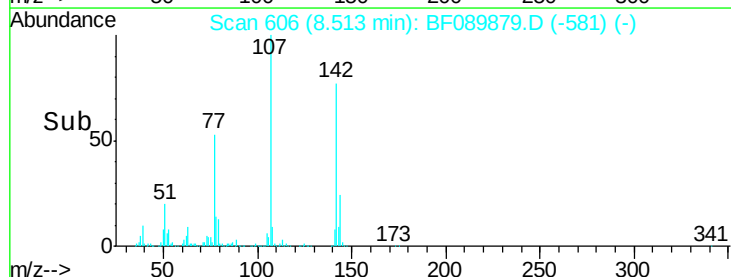
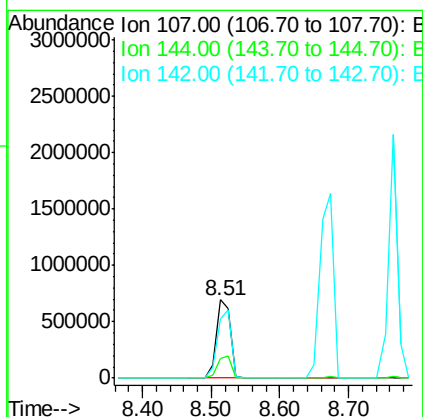
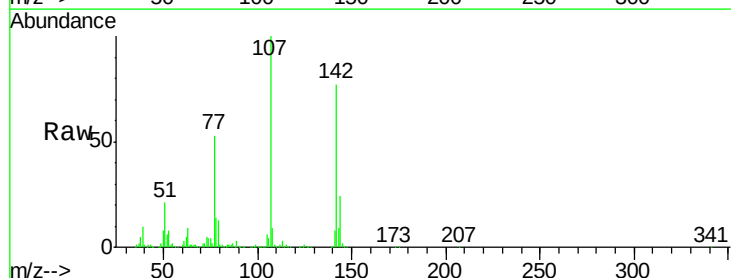
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

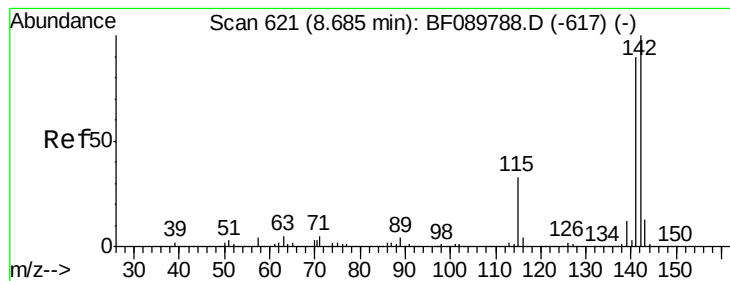
Tgt Ion:113 Resp: 224945
 Ion Ratio Lower Upper
 113 100
 55 153.5 135.9 175.9
 56 114.2 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 39.39 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion:107 Resp: 1008251
 Ion Ratio Lower Upper
 107 100
 144 24.5 22.6 34.0
 142 76.9 69.3 103.9





#37

2-Methylnaphthalene

Concen: 41.42 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

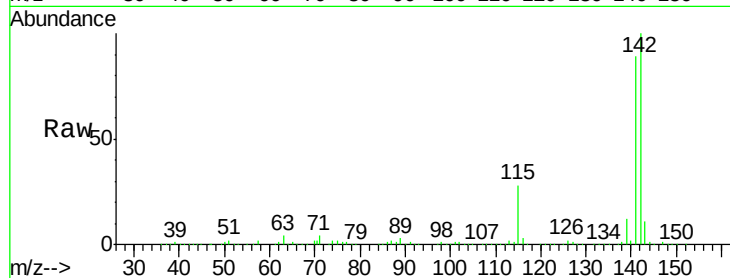
Tgt Ion:142 Resp: 2172404

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.2

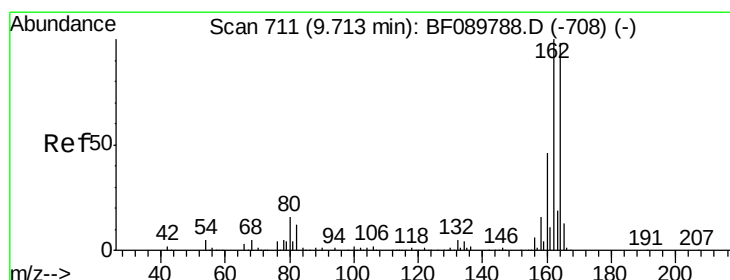
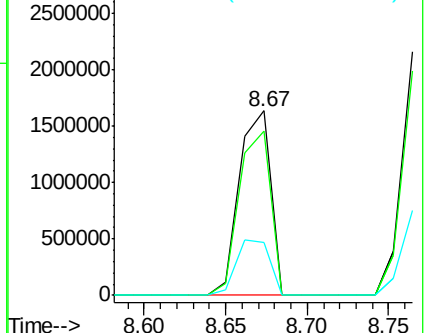
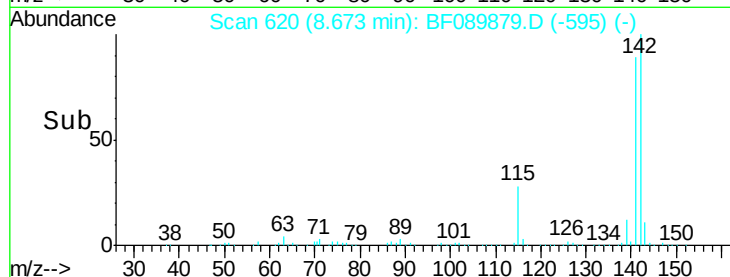
115 28.4 22.7 34.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

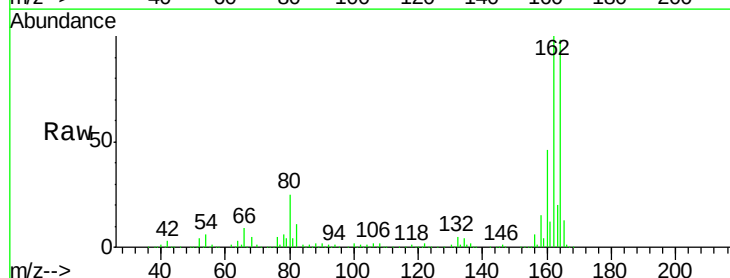
Tgt Ion:164 Resp: 830746

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.2

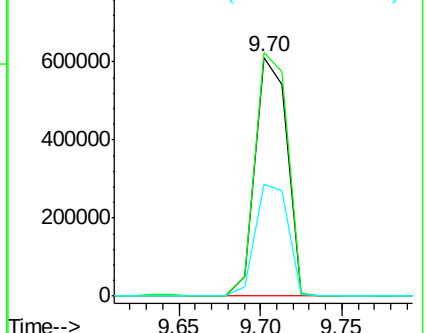
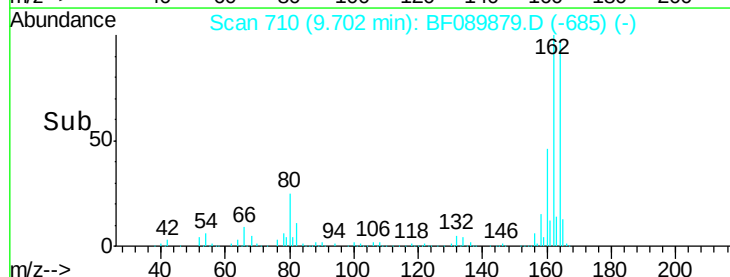
160 46.7 37.8 56.6

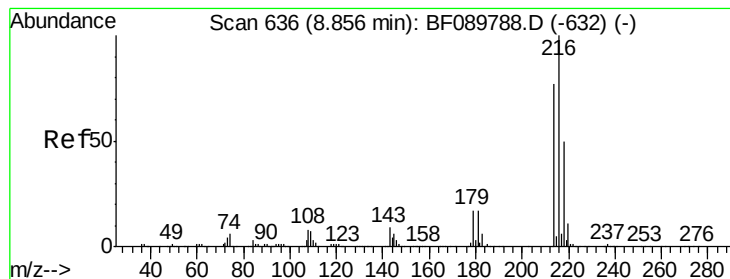


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.12 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

Tgt Ion:216 Resp: 729678

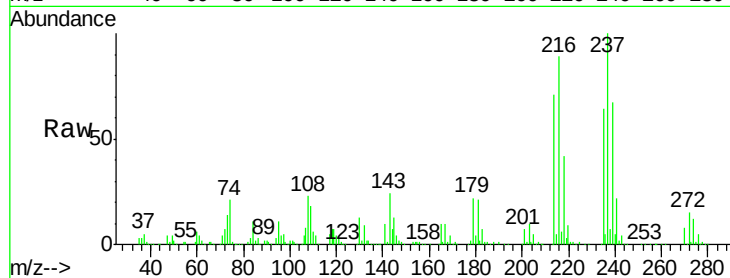
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 22.5 19.9 29.9

108 24.4 19.9 29.9

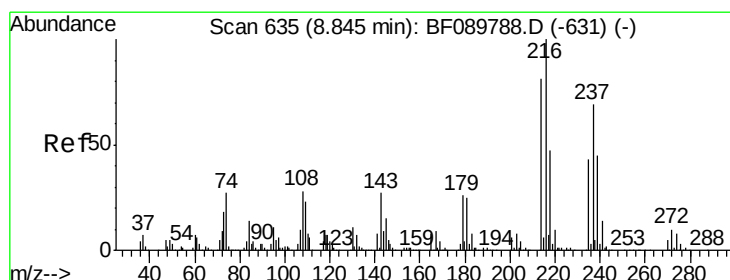
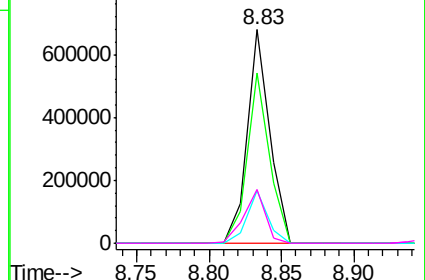
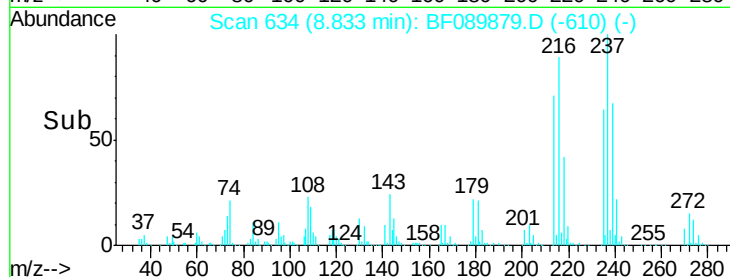


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 99.68 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

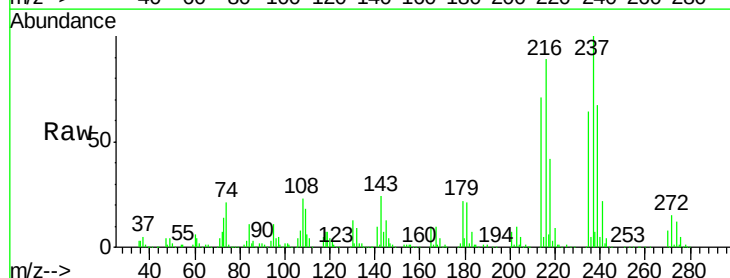
Tgt Ion:237 Resp: 930966

Ion Ratio Lower Upper

237 100

235 63.9 43.7 83.7

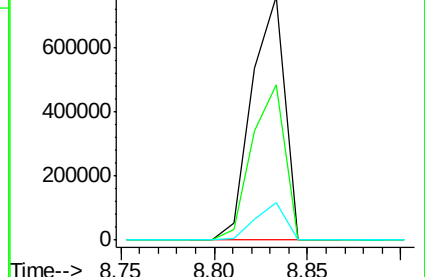
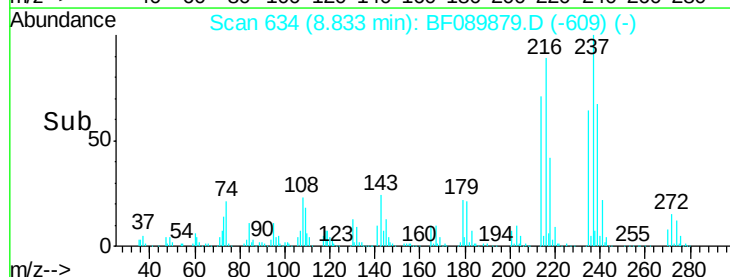
272 15.2 0.0 31.6

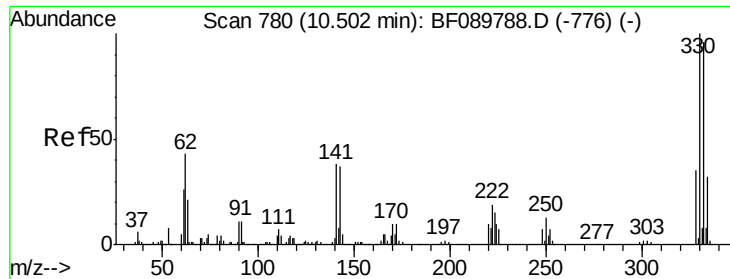


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

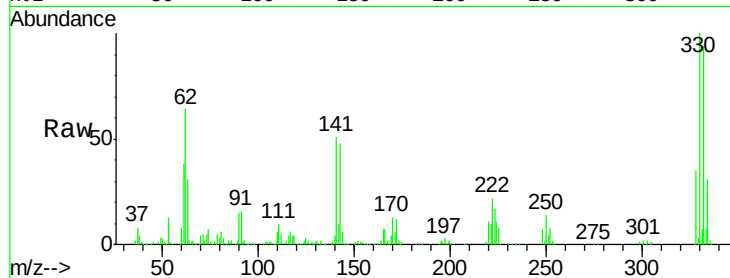




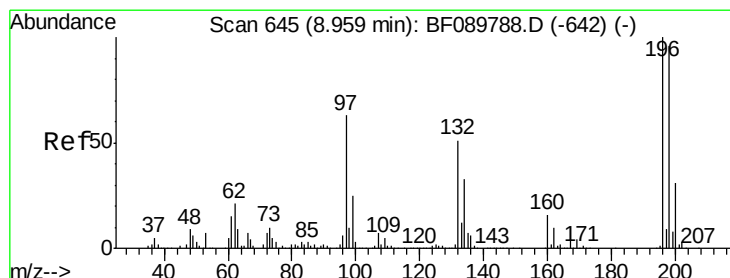
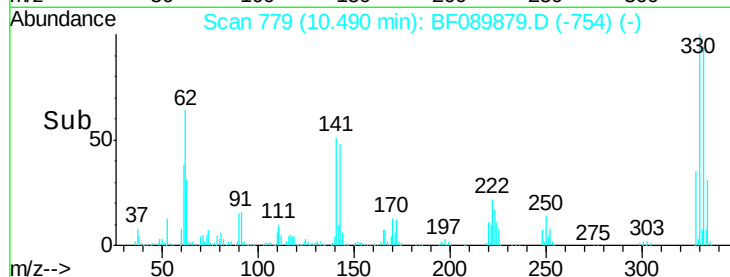
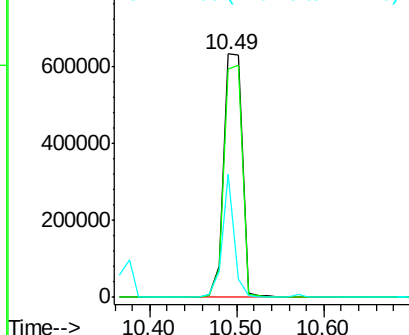
#41
 2,4,6-Tribromophenol
 Concen: 119.21 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

Tgt Ion:330 Resp: 941149
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.7 115.1
 141 32.6 30.2 45.2

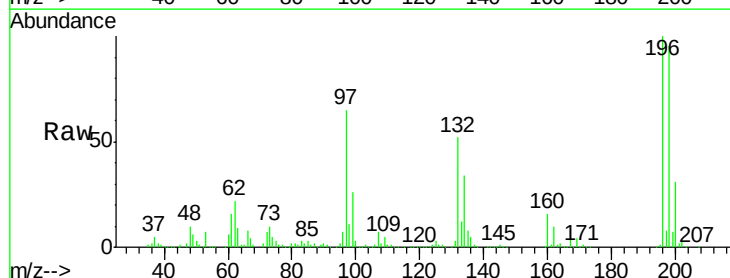


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

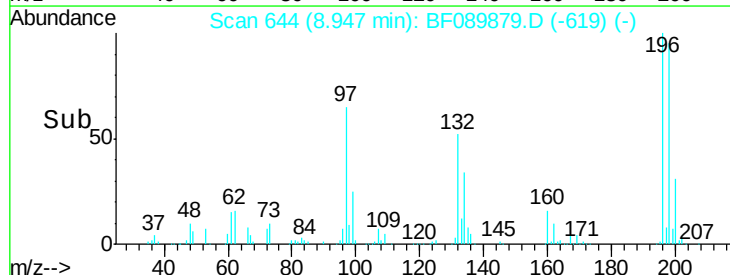
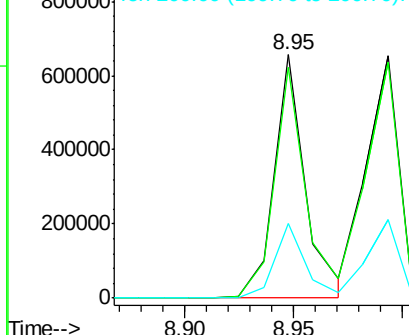


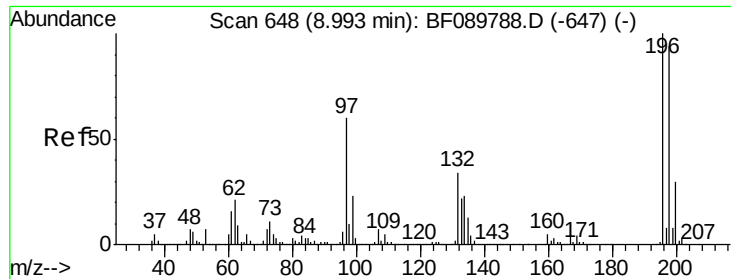
#42
 2,4,6-Trichlorophenol
 Concen: 39.03 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion:196 Resp: 660620
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.3 114.5
 200 30.5 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

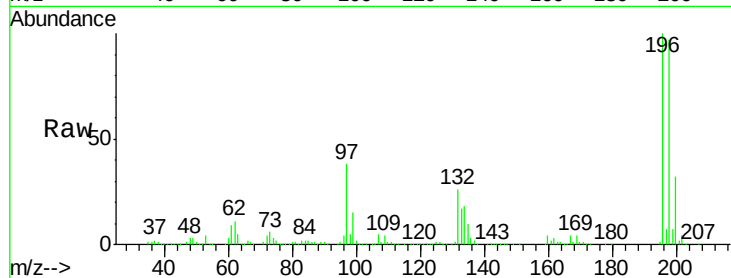




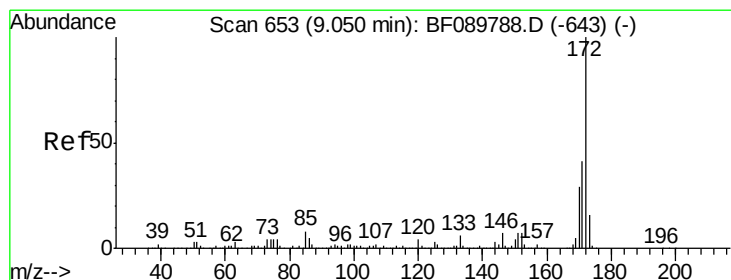
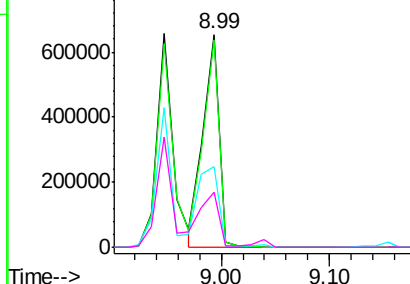
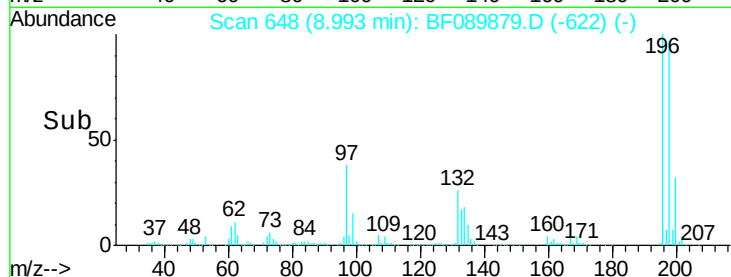
#43
 2,4,5-Trichlorophenol
 Concen: 40.26 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

Tgt Ion:196 Resp: 677748
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.6 114.8
 97 38.1 35.8 53.8
 132 25.6 23.5 35.3

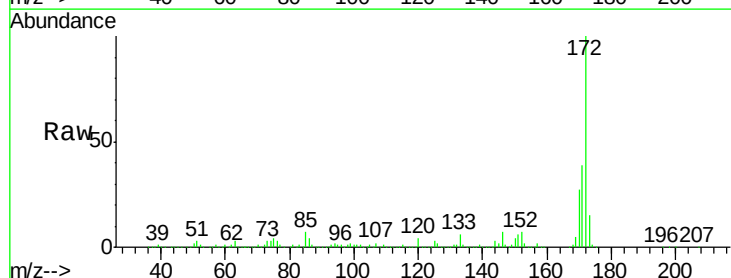


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

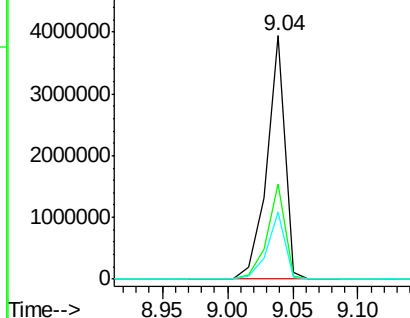
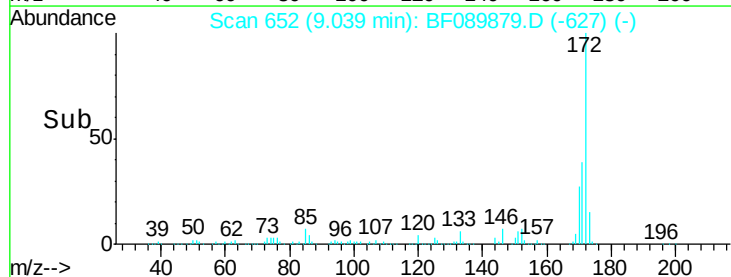


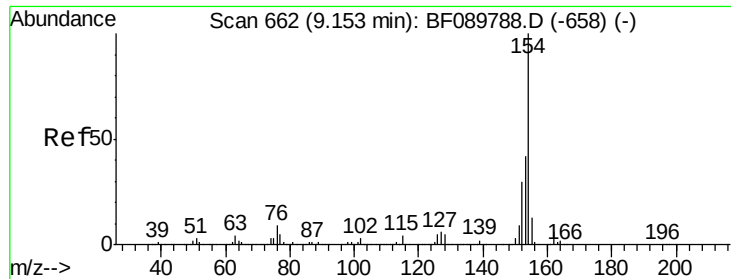
#44
 2-Fluorobiphenyl
 Concen: 80.99 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion:172 Resp: 3828118
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.5 45.7
 170 27.4 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

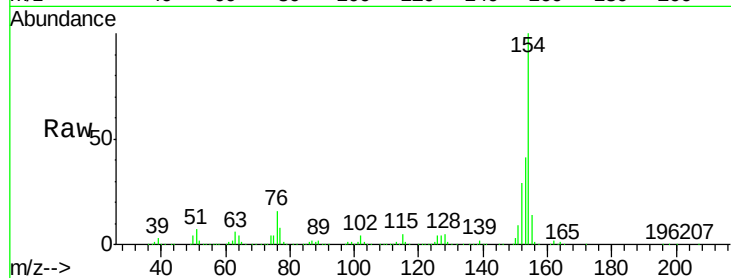




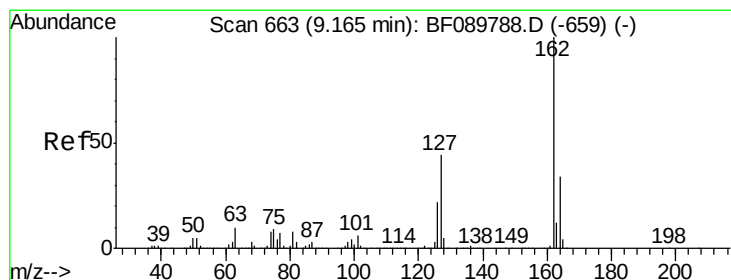
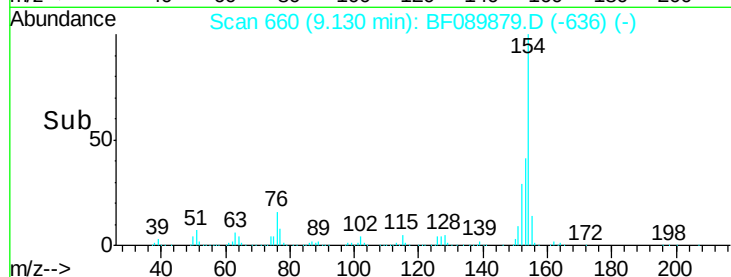
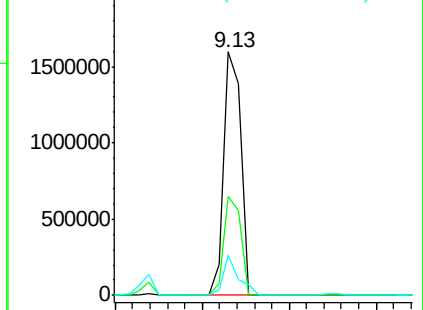
#45
 1,1'-Biphenyl
 Concen: 34.16 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

Tgt Ion:154 Resp: 2195986
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.5 61.5
 76 16.3 0.0 36.7

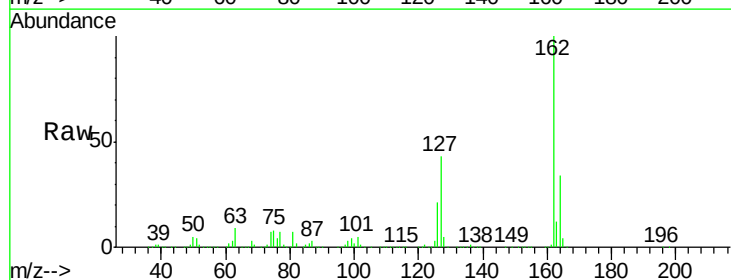


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

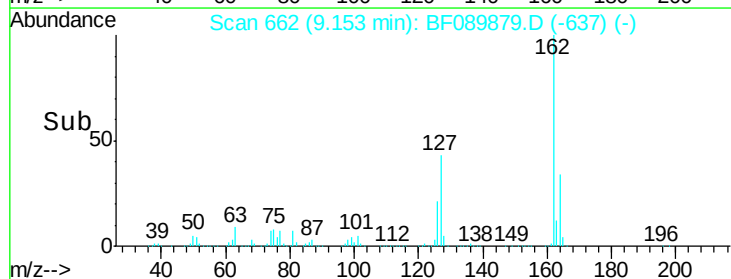
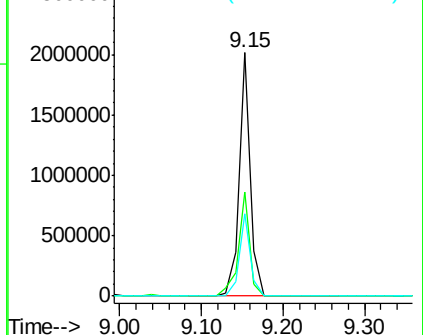


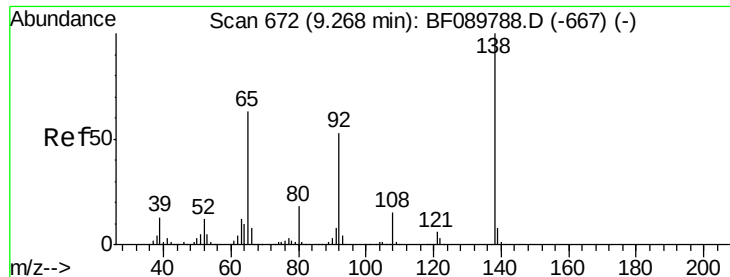
#46
 2-Chloronaphthalene
 Concen: 37.54 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion:162 Resp: 1907681
 Ion Ratio Lower Upper
 162 100
 127 42.9 35.5 53.3
 164 34.0 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.36 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

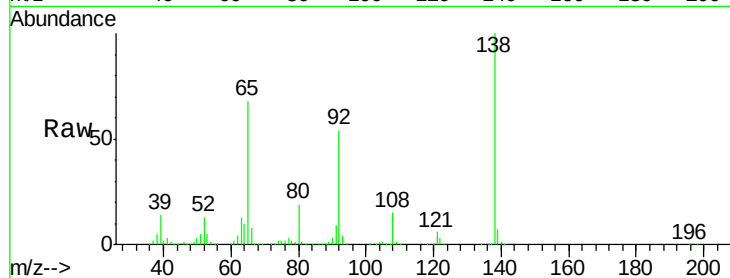
Tgt Ion: 65 Resp: 657433

Ion Ratio Lower Upper

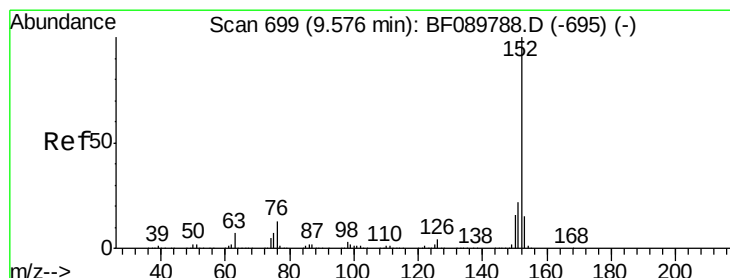
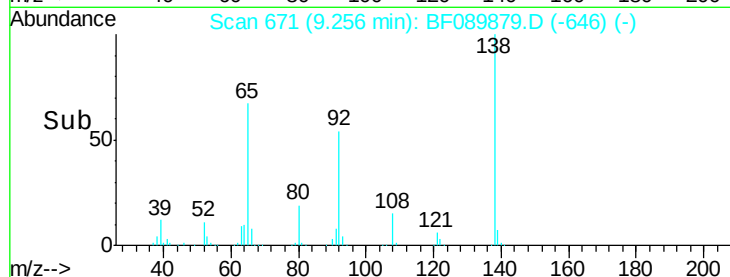
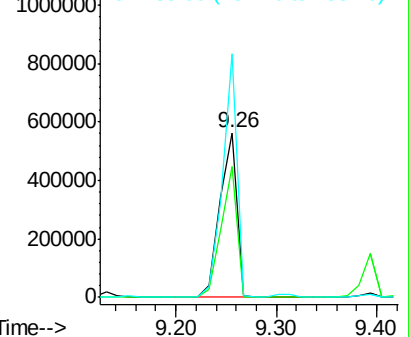
65 100

92 79.6 56.3 84.5

138 148.0 81.8 122.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 38.15 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

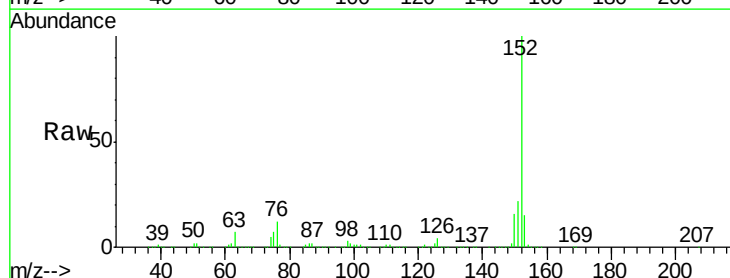
Tgt Ion: 152 Resp: 2913406

Ion Ratio Lower Upper

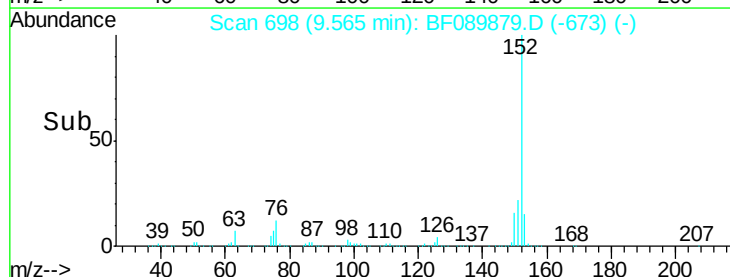
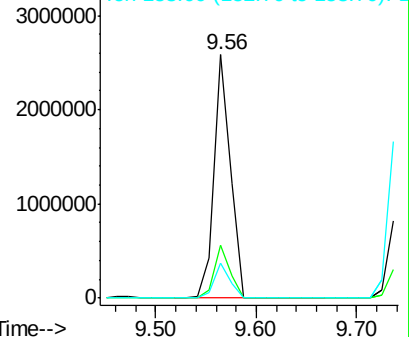
152 100

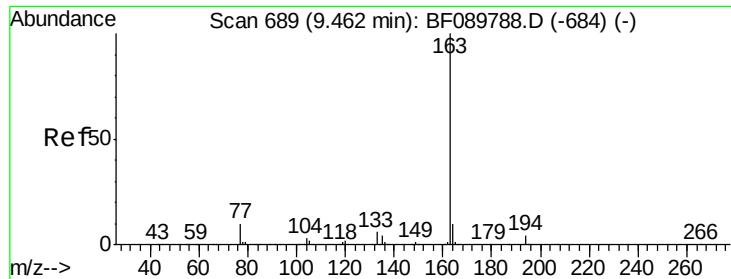
151 21.5 17.1 25.7

153 14.5 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.03 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

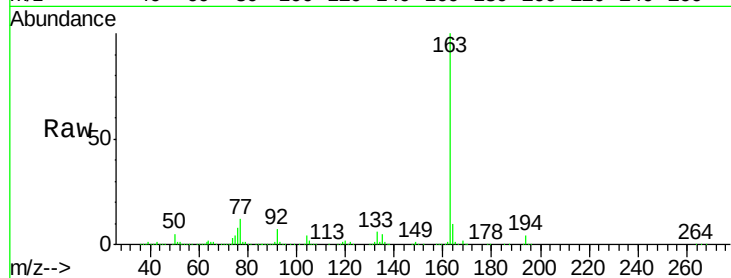
Tgt Ion:163 Resp: 2341558

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

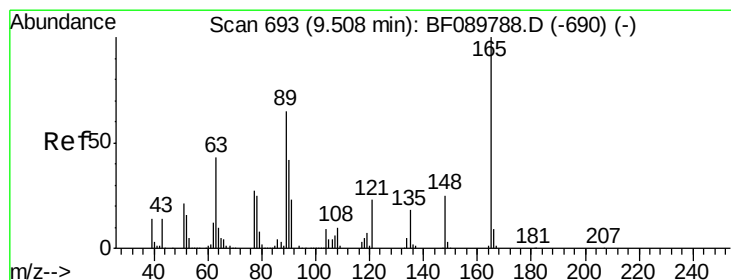
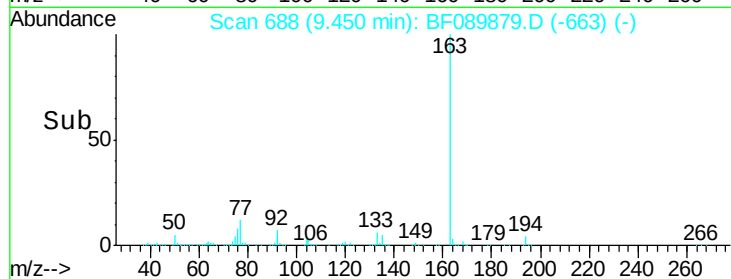
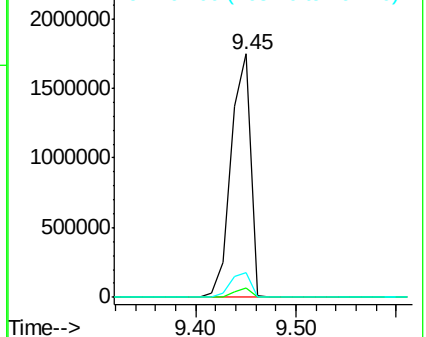
164 10.0 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.05 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

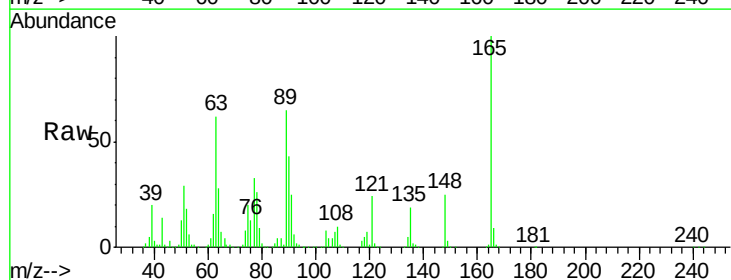
Tgt Ion:165 Resp: 486865

Ion Ratio Lower Upper

165 100

63 62.1 41.7 62.5

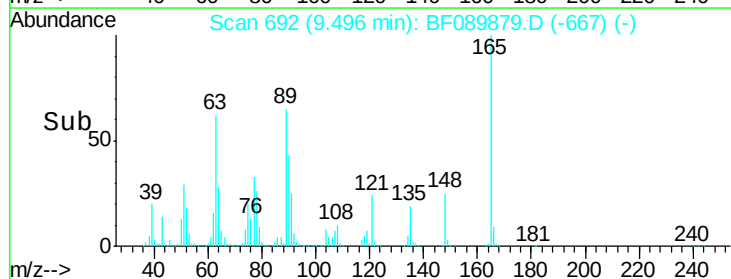
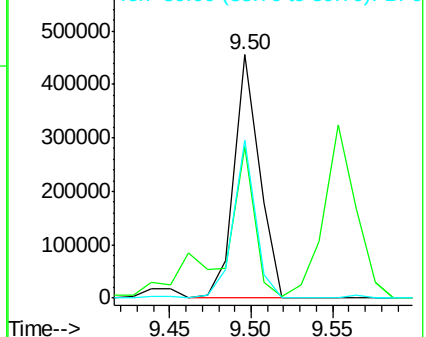
89 64.8 44.6 67.0

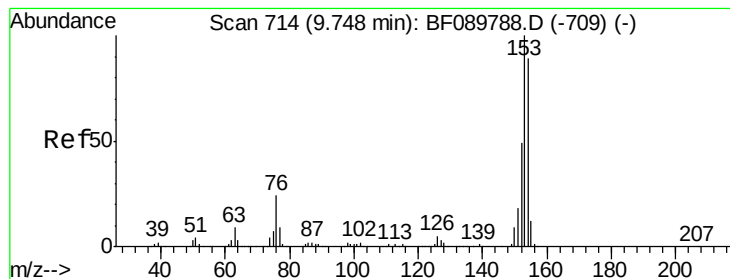


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.67 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

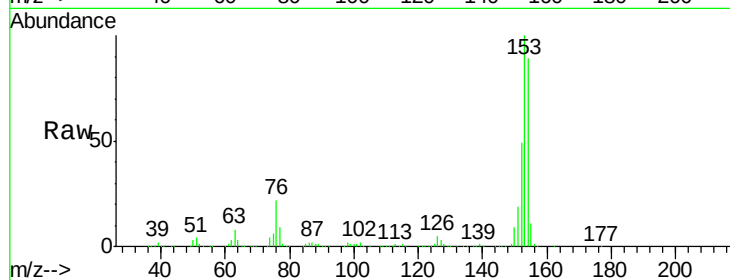
Tgt Ion:154 Resp: 2156747

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

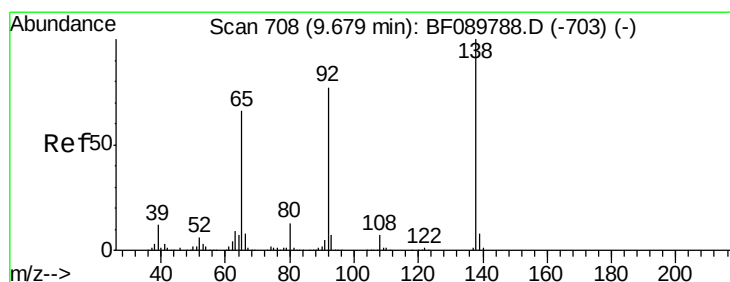
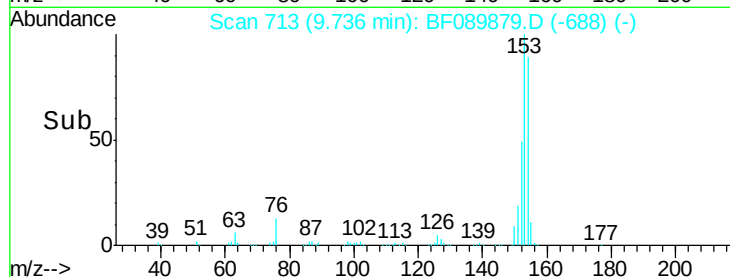
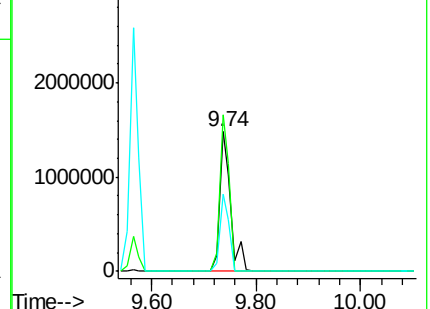
152 55.2 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.73 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

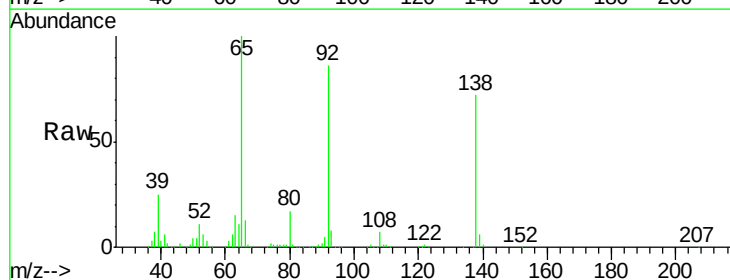
Tgt Ion:138 Resp: 340113

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

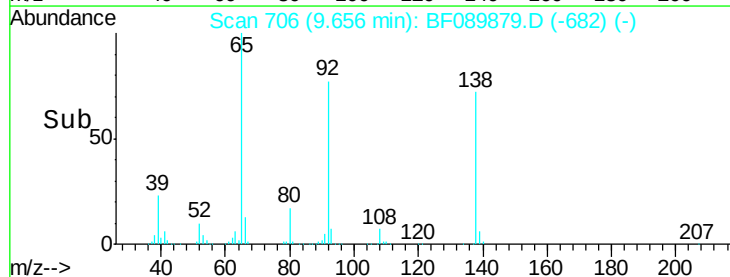
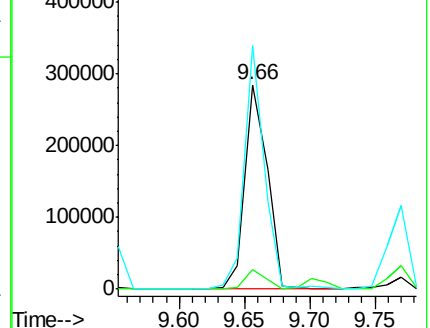
92 119.1 92.7 139.1

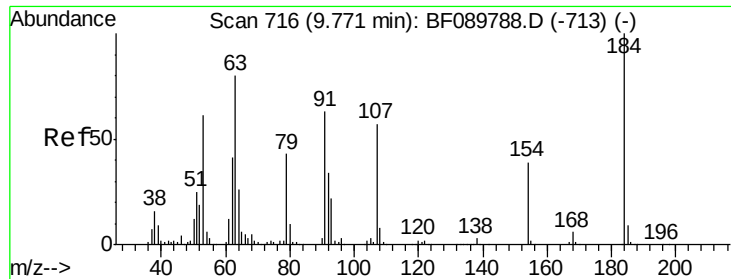


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

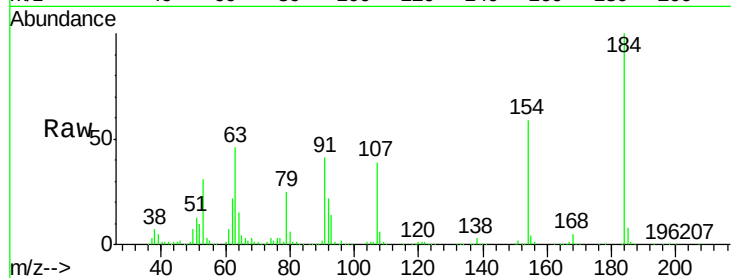




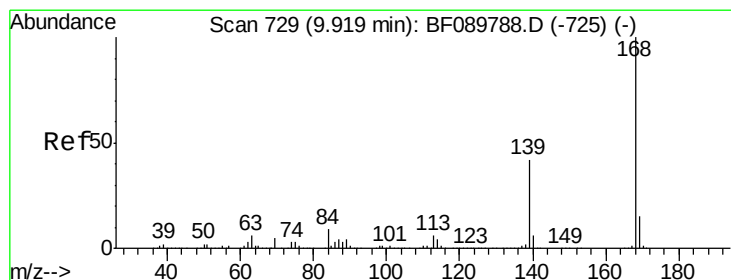
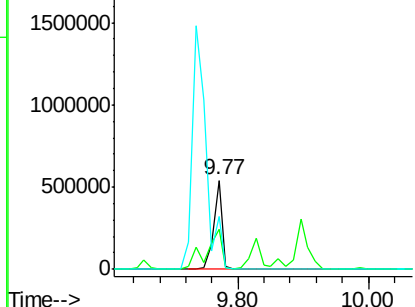
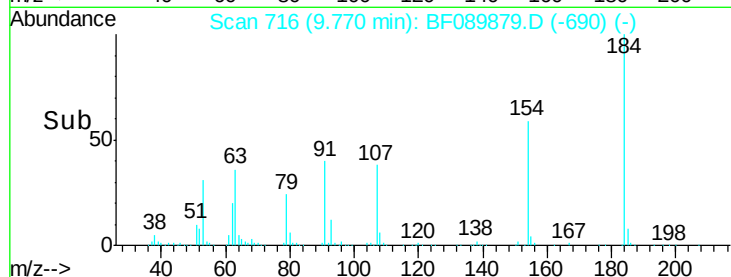
#53
2,4-Dinitrophenol
Concen: 67.84 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB93061BSD

Tgt Ion:184 Resp: 503346
Ion Ratio Lower Upper
184 100
63 45.6 54.2 81.4#
154 59.1 52.7 79.1

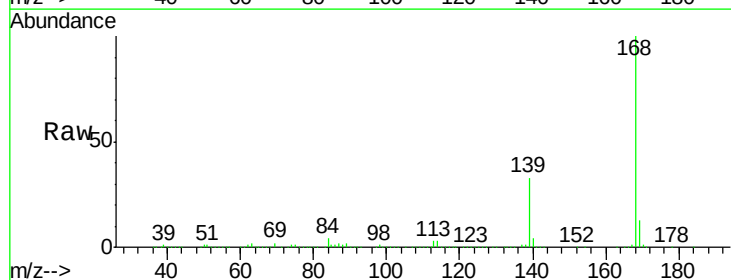


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

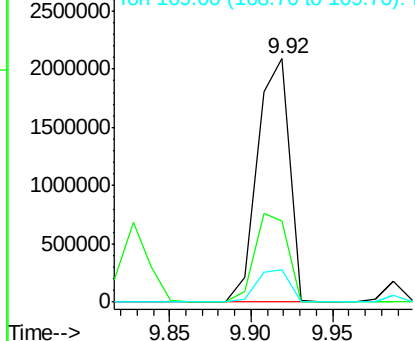
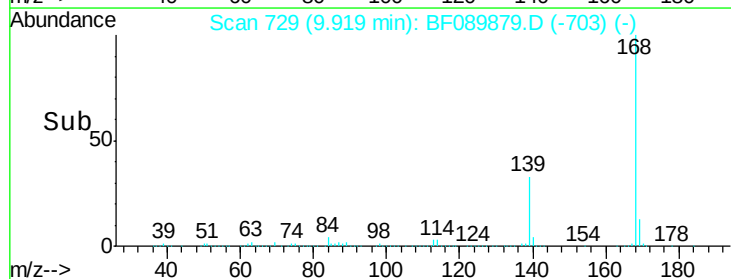


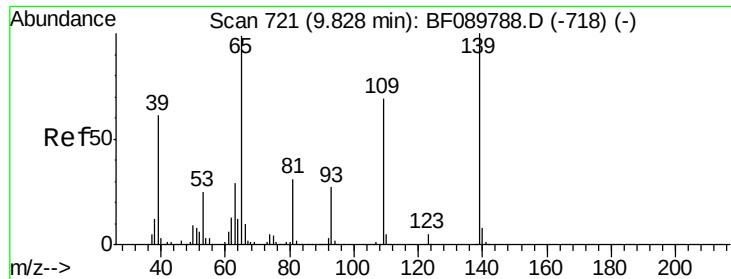
#54
Dibenzofuran
Concen: 44.59 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Tgt Ion:168 Resp: 2830501
Ion Ratio Lower Upper
168 100
139 33.3 34.6 52.0#
169 13.5 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

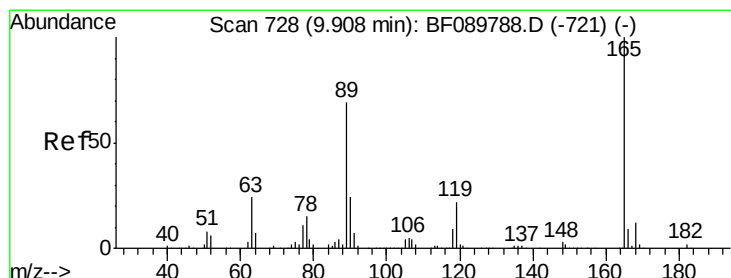
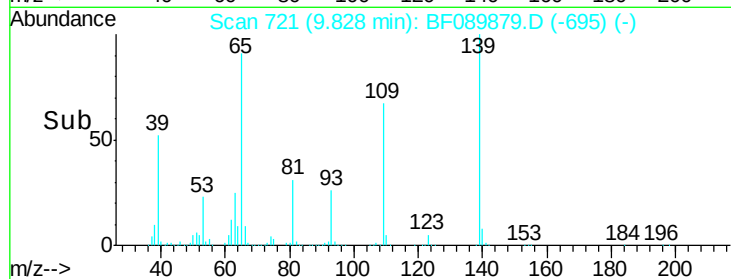
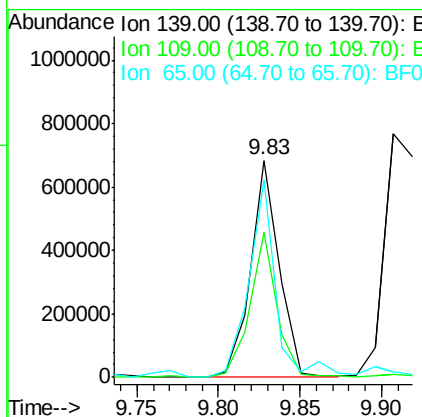
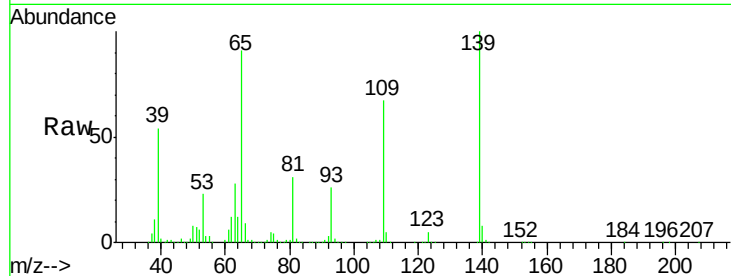




#55
4-Nitrophenol
Concen: 68.52 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

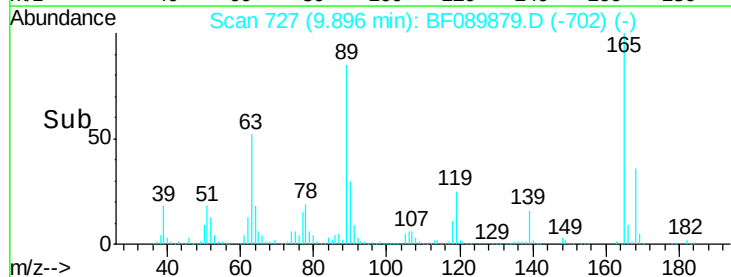
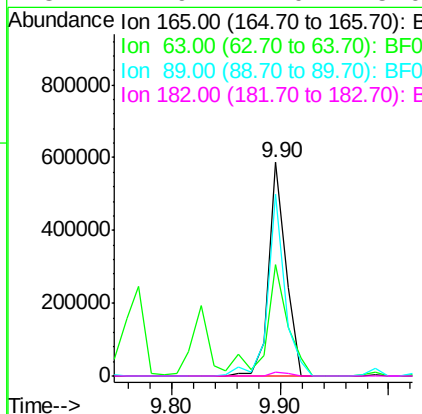
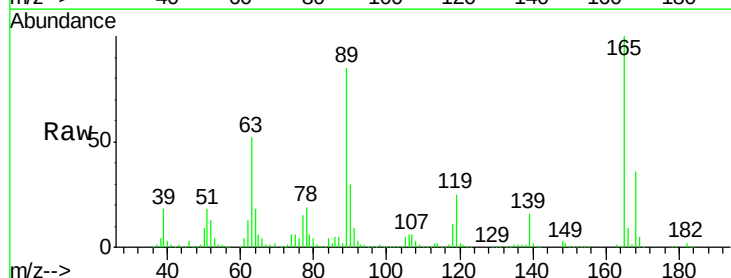
Instrument :
BNA_F
ClientSampleId :
PB93061BSD

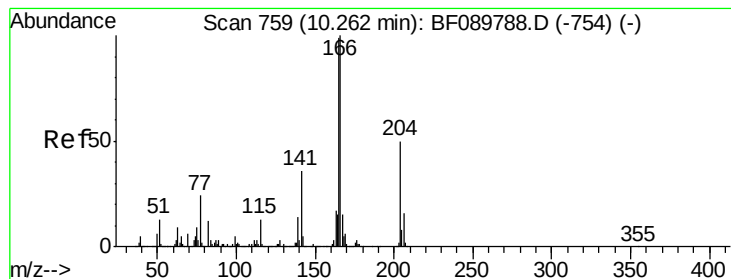
Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	43.0	83.0
65	91.3	55.7	95.7



#56
2,4-Dinitrotoluene
Concen: 36.76 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.0	23.7	35.5#
89	84.9	44.0	66.0#
182	1.9	2.0	3.0#





#57

Fluorene

Concen: 38.76 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

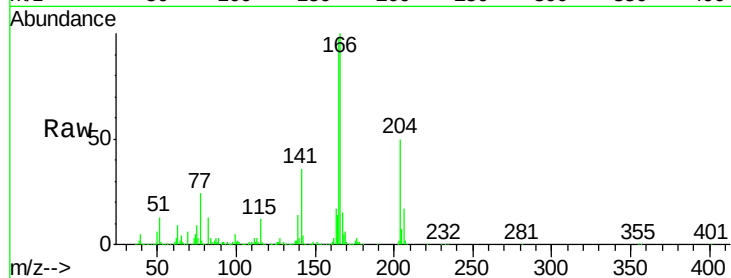
Tgt Ion:166 Resp: 1961023

Ion Ratio Lower Upper

166 100

165 98.2 80.2 120.4

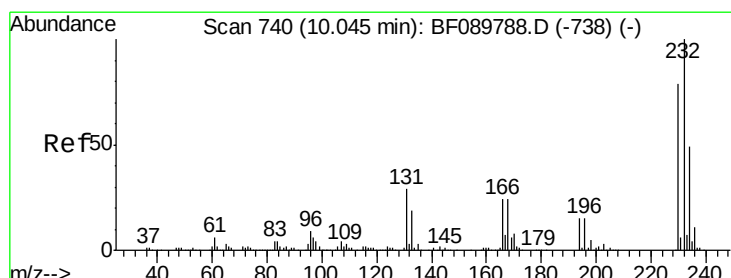
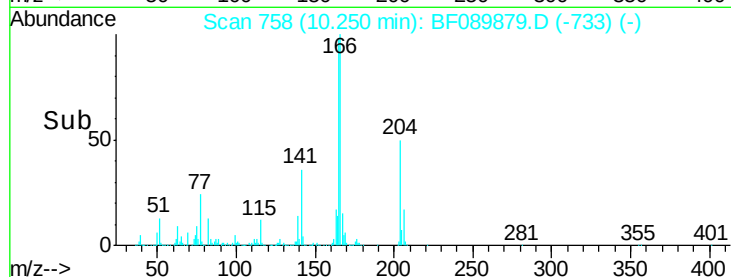
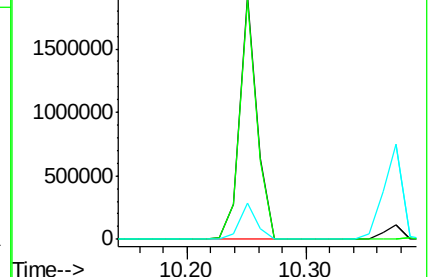
167 14.7 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.05 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Tgt Ion:232 Resp: 576340

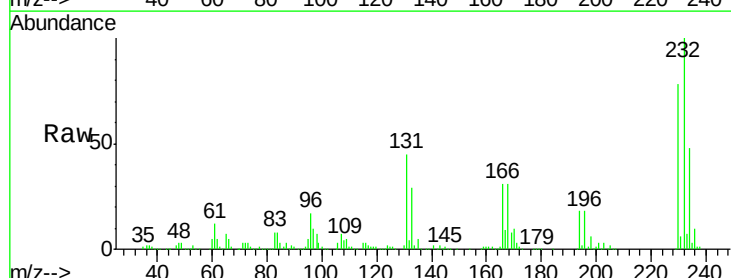
Ion Ratio Lower Upper

232 100

131 51.0 42.5 63.7

130 2.3 2.2 3.4

166 33.0 27.3 40.9

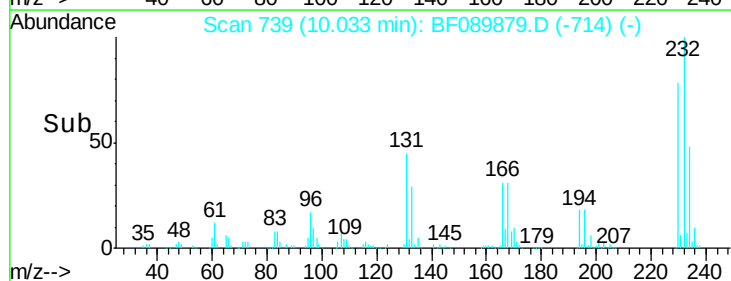
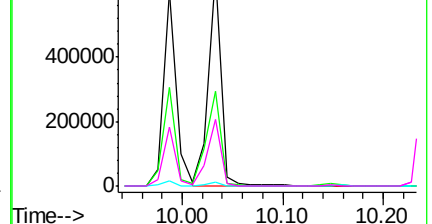


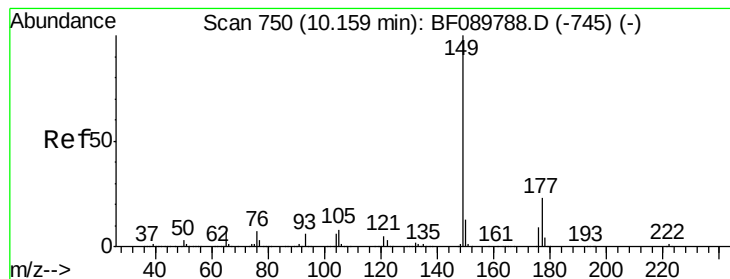
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.92 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

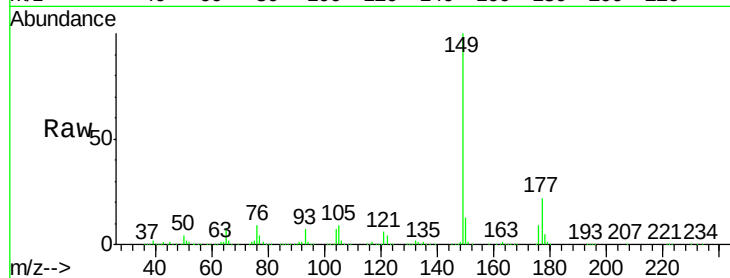
Tgt Ion:149 Resp: 2431285

Ion Ratio Lower Upper

149 100

177 22.5 16.6 25.0

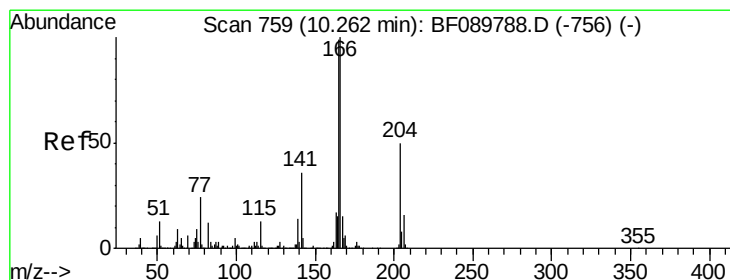
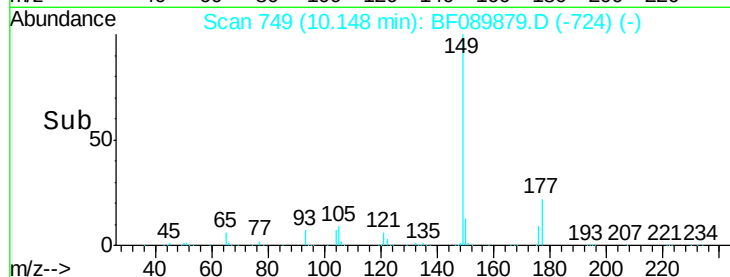
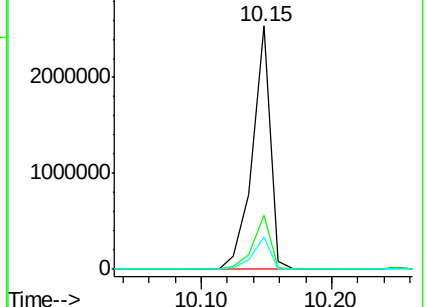
150 13.2 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.01 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

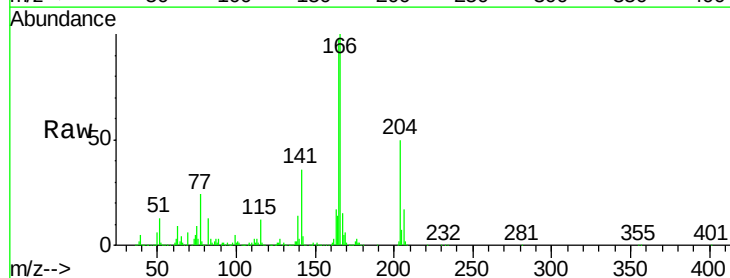
Tgt Ion:204 Resp: 877104

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

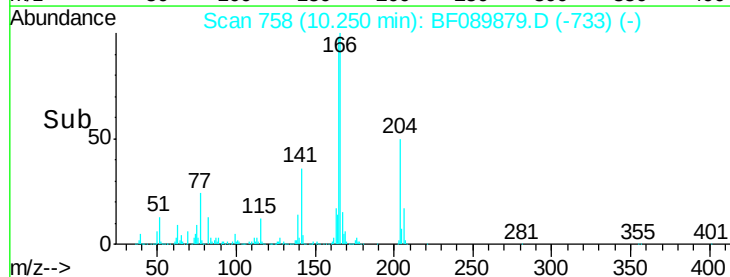
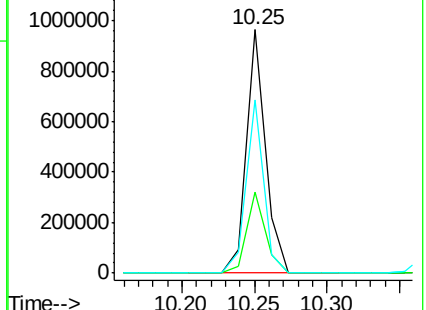
141 71.3 54.1 81.1

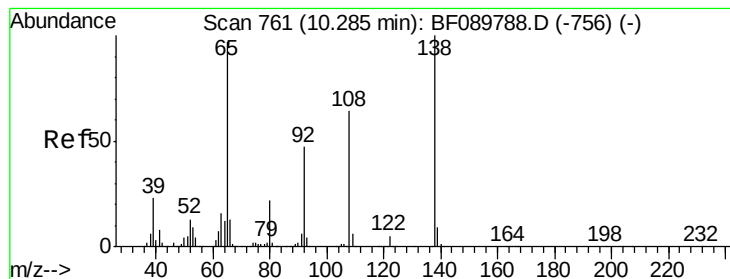


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.80 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

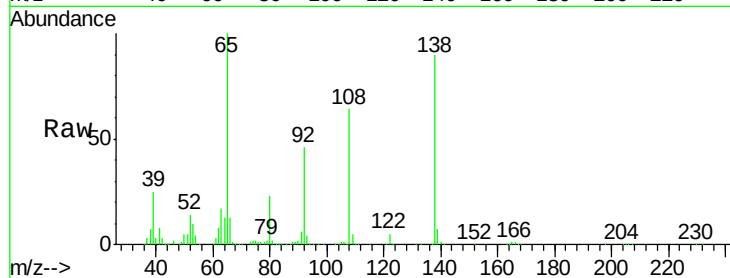
Tgt Ion:138 Resp: 530227

Ion Ratio Lower Upper

138 100

92 51.1 26.4 66.4

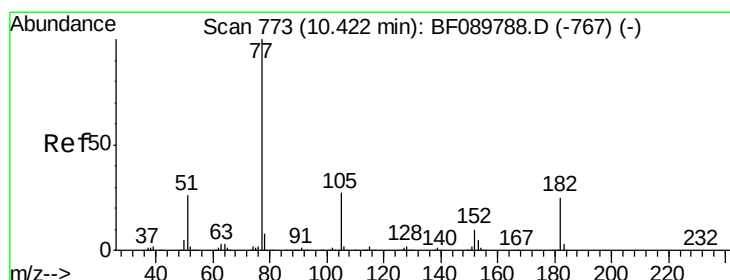
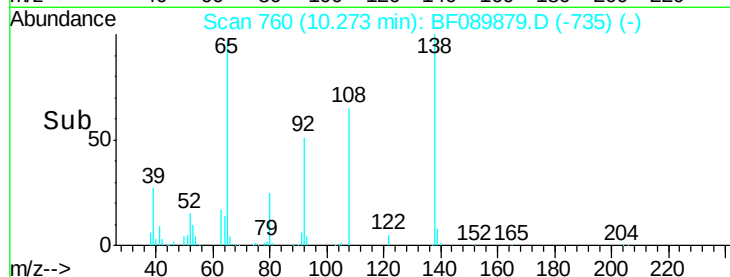
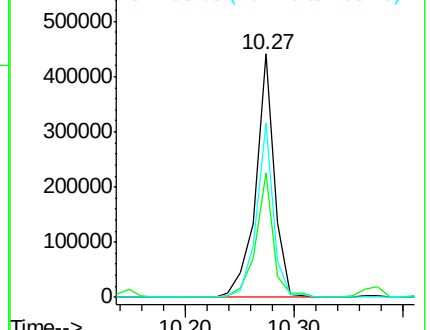
108 71.4 47.0 87.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.46 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Tgt Ion: 77 Resp: 2483700

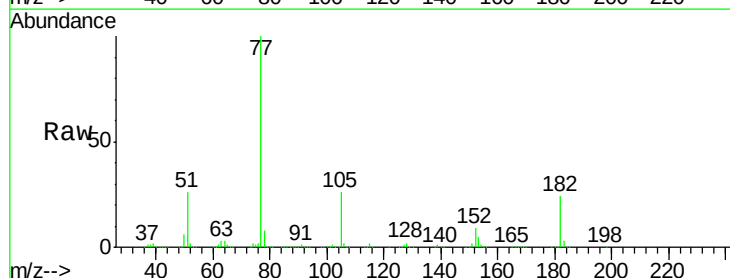
Ion Ratio Lower Upper

77 100

182 23.6 5.6 45.6

105 26.0 4.0 44.0

51 26.3 7.8 47.8

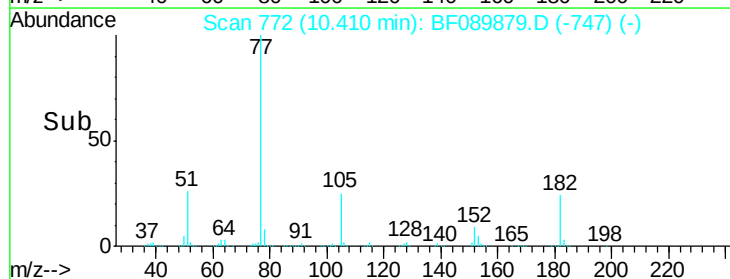
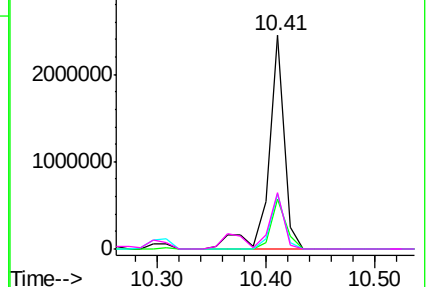


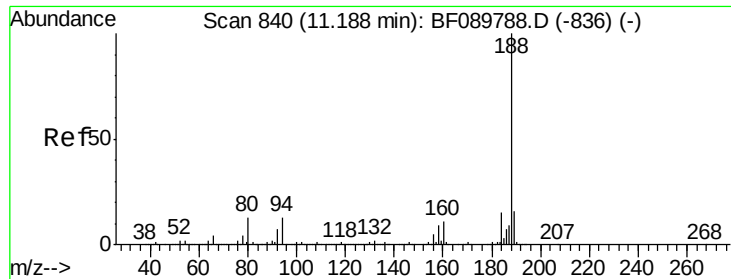
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

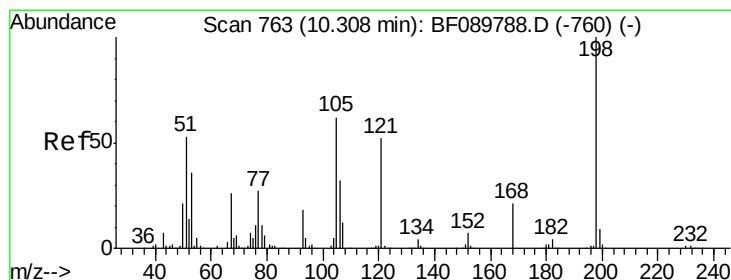
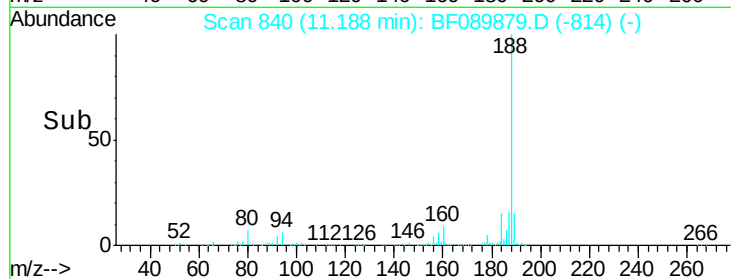
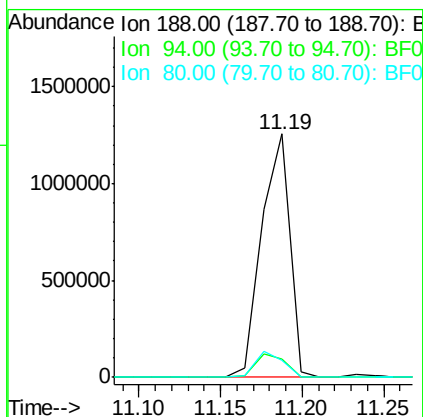
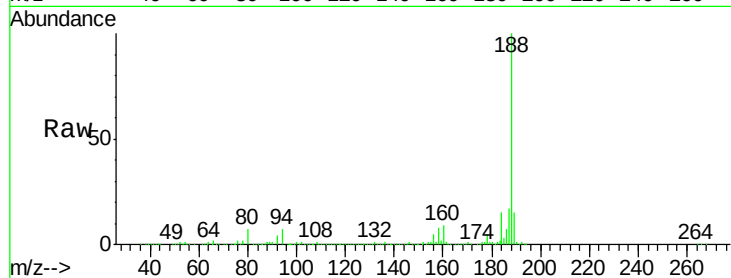




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

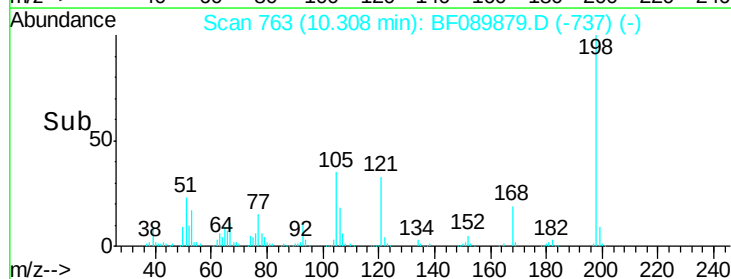
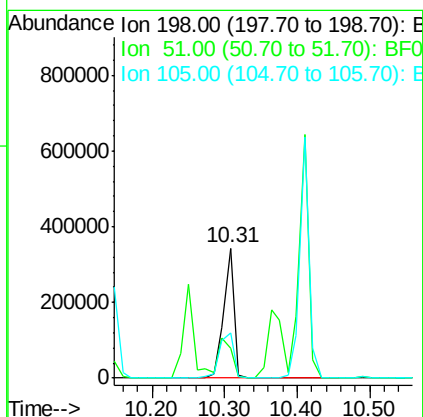
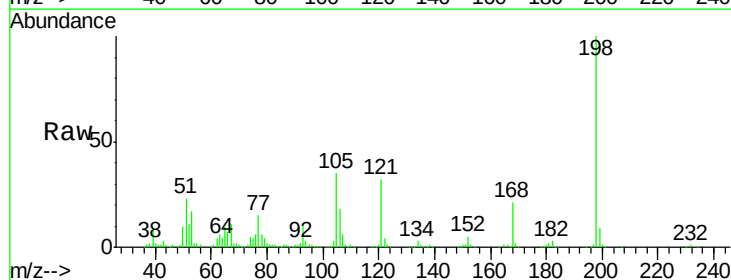
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

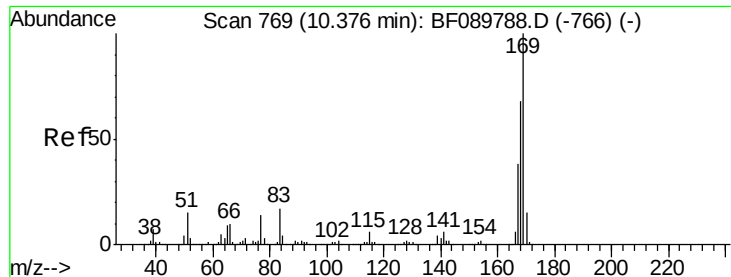
Tgt Ion:188 Resp: 1512648
 Ion Ratio Lower Upper
 188 100
 94 7.3 10.2 15.2#
 80 7.2 10.9 16.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.69 ng
 RT: 10.31 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion:198 Resp: 345046
 Ion Ratio Lower Upper
 198 100
 51 22.7 32.3 72.3#
 105 34.9 32.9 72.9





#65

n-Nitrosodiphenylamine

Concen: 45.07 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

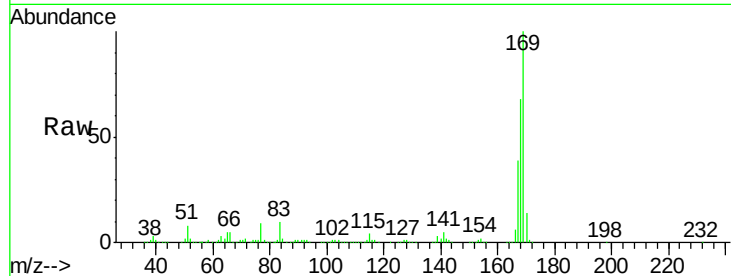
Tgt Ion:169 Resp: 2143680

Ion Ratio Lower Upper

169 100

168 68.3 54.6 82.0

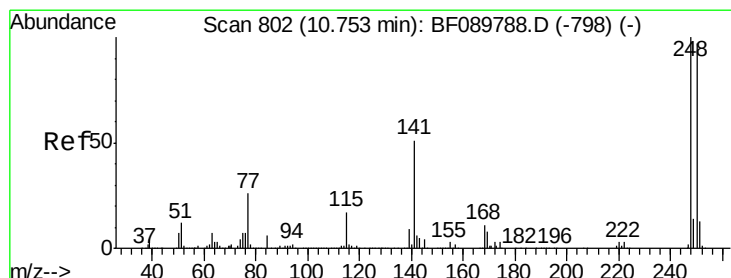
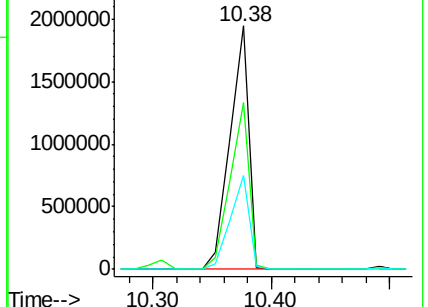
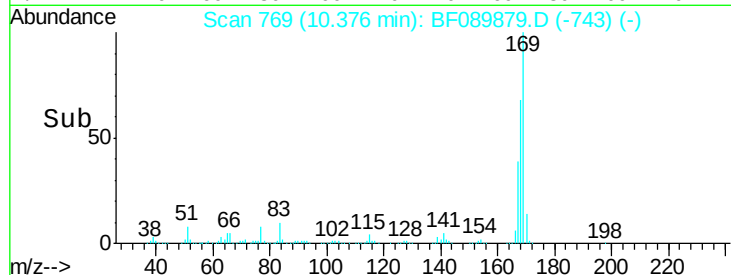
167 38.8 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.28 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

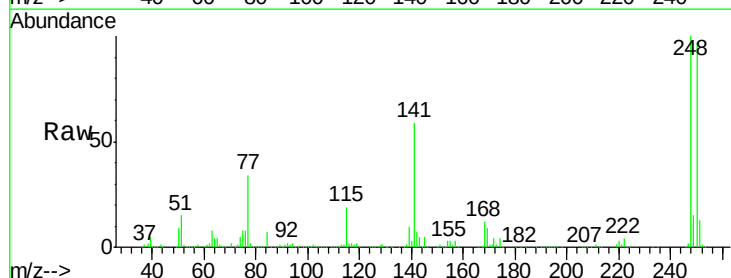
Tgt Ion:248 Resp: 638776

Ion Ratio Lower Upper

248 100

250 96.6 78.6 117.8

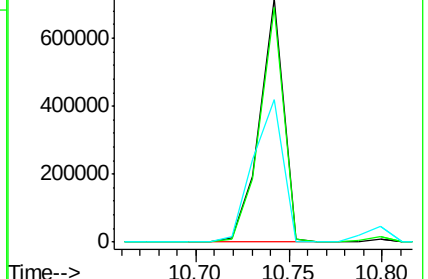
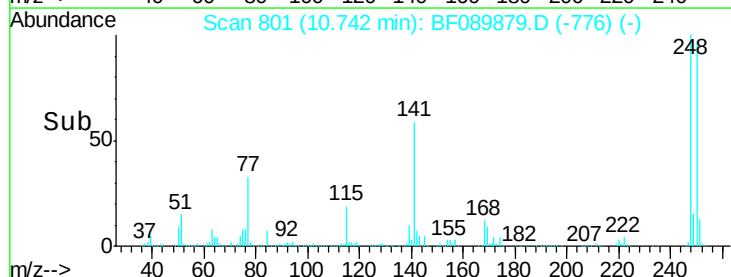
141 58.7 31.4 47.2#

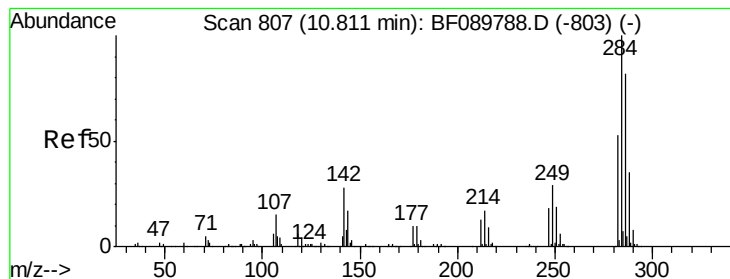


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.81 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

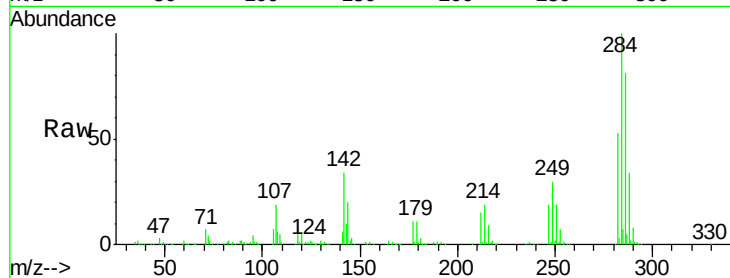
Tgt Ion:284 Resp: 647941

Ion Ratio Lower Upper

284 100

142 34.2 17.4 26.2#

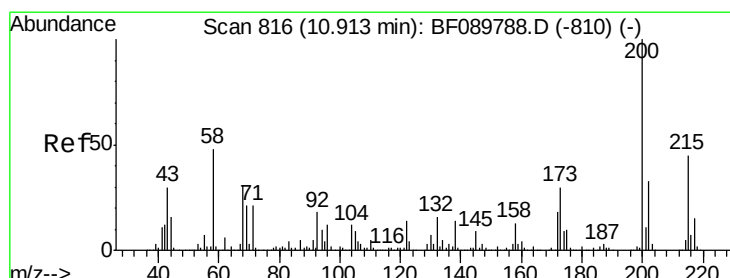
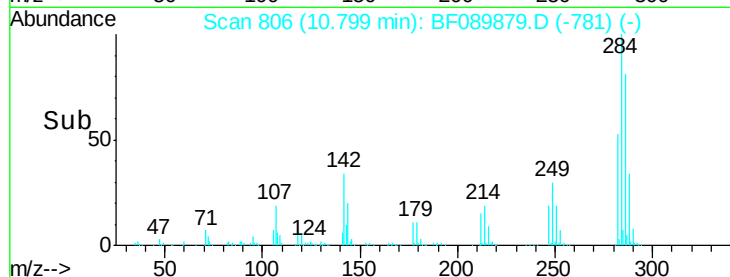
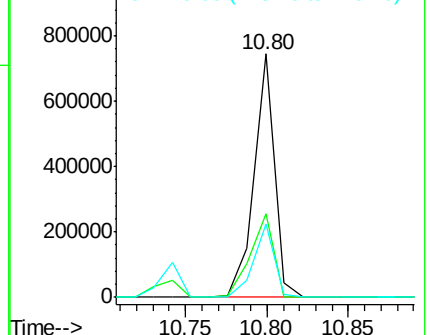
249 30.4 22.8 34.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.67 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

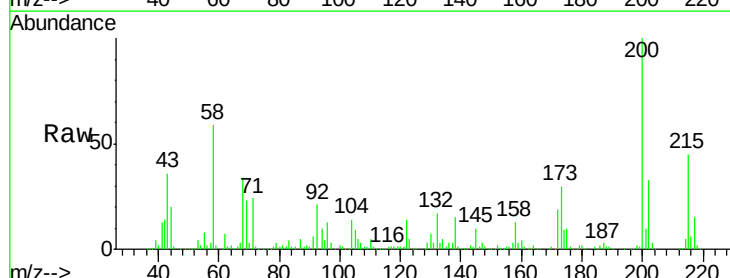
Tgt Ion:200 Resp: 519570

Ion Ratio Lower Upper

200 100

173 29.9 6.6 46.6

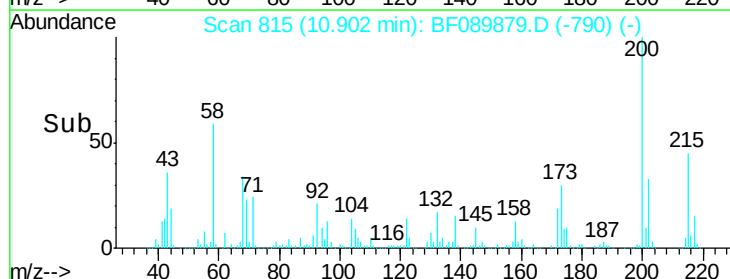
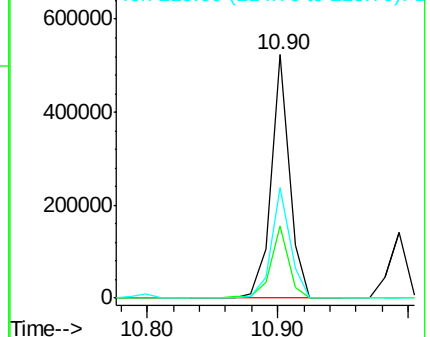
215 45.5 24.7 64.7

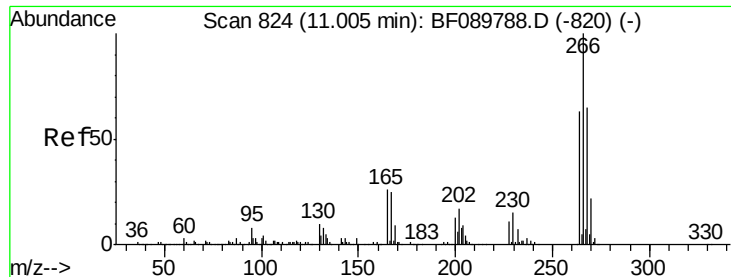


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

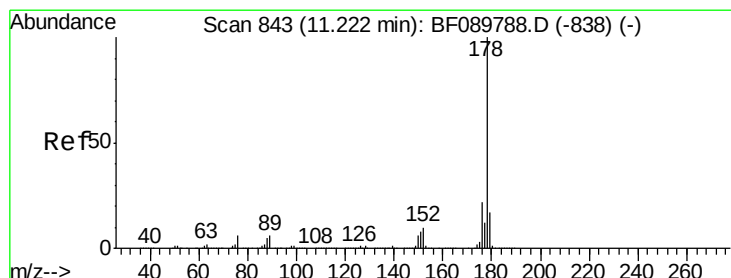
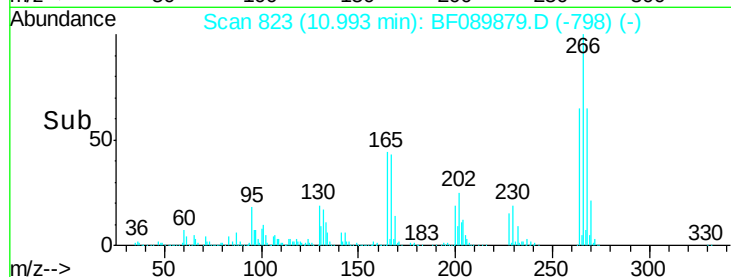
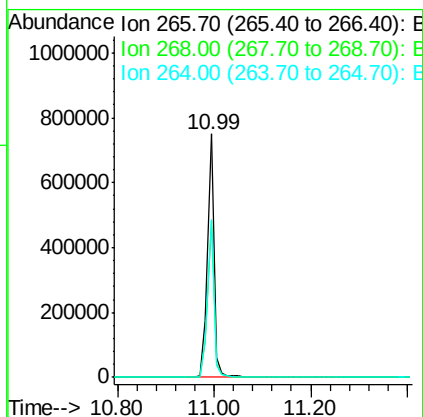
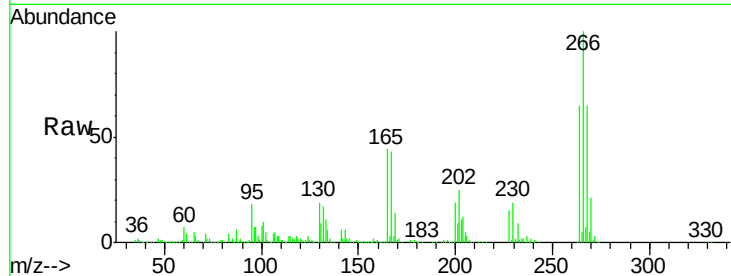




#69
 Pentachlorophenol
 Concen: 69.75 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

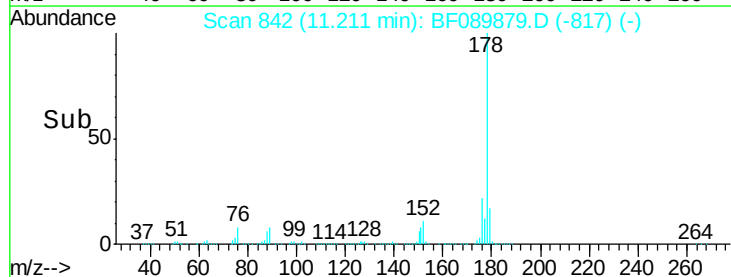
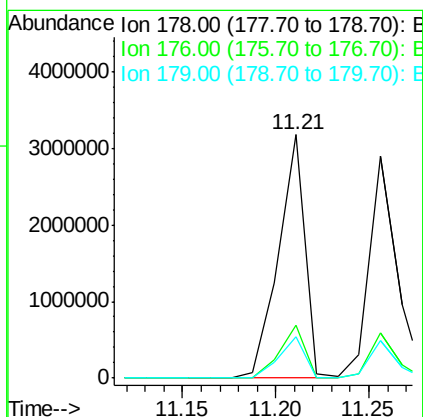
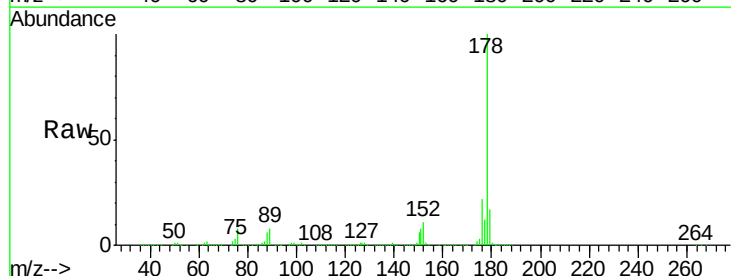
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

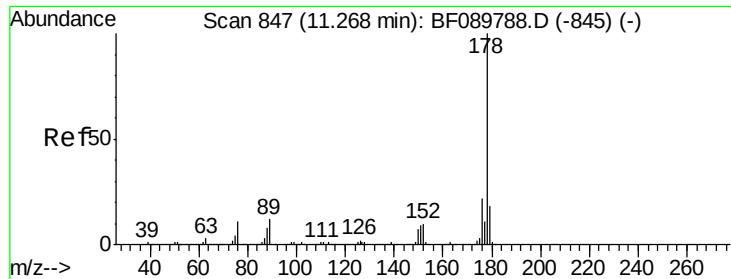
Tgt Ion: 266 Resp: 715271
 Ion Ratio Lower Upper
 266 100
 268 64.6 53.2 79.8
 264 64.9 51.1 76.7



#70
 Phenanthrene
 Concen: 40.97 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion: 178 Resp: 3130016
 Ion Ratio Lower Upper
 178 100
 176 21.6 16.4 24.6
 179 16.8 12.5 18.7

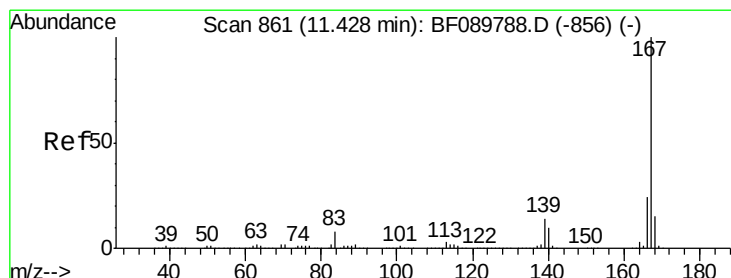
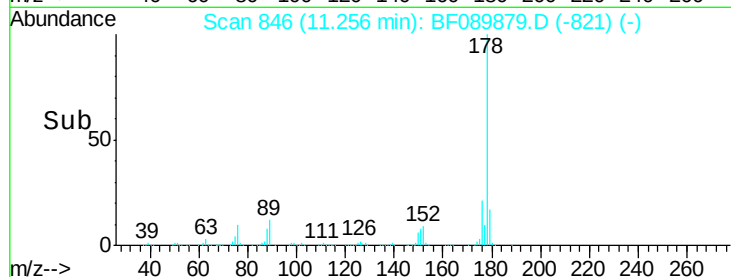
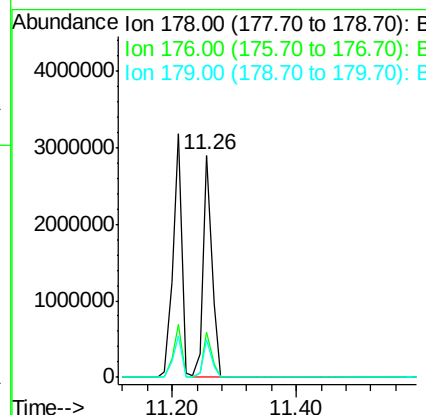
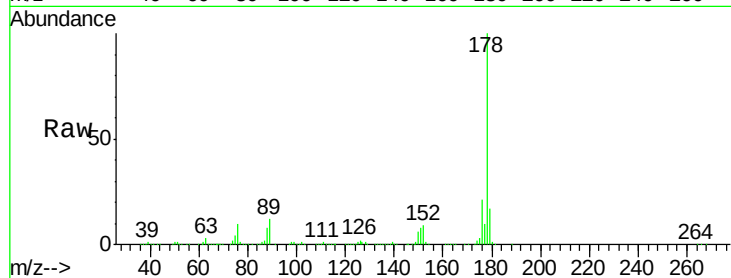




#71
 Anthracene
 Concen: 37.22 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

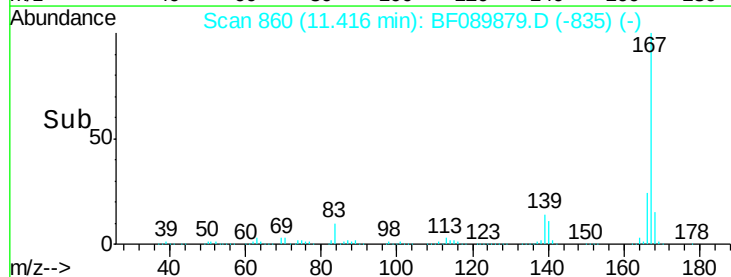
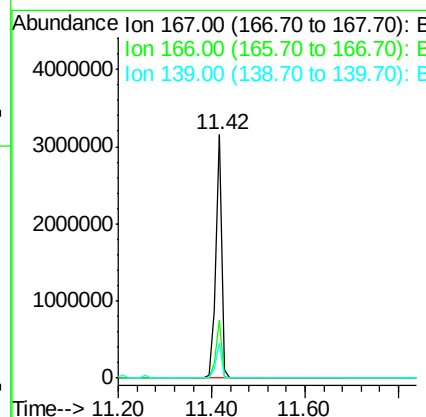
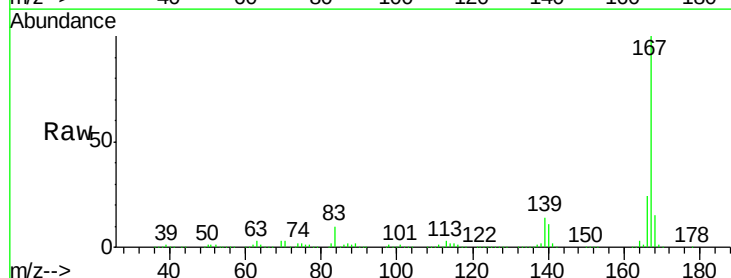
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

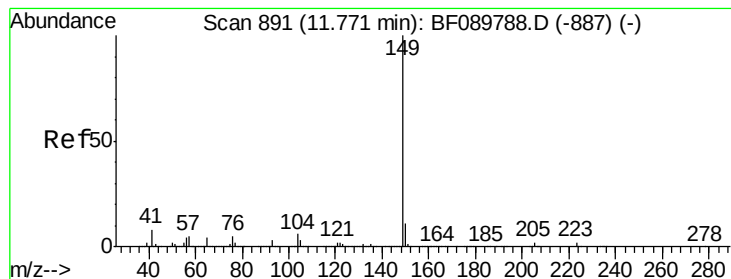
Tgt Ion:178 Resp: 2890547
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.4 24.6
 179 17.1 13.1 19.7



#72
 Carbazole
 Concen: 41.61 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion:167 Resp: 2898345
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.9 26.9
 139 14.3 12.4 18.6





#73

Di-n-butylphthalate

Concen: 41.25 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

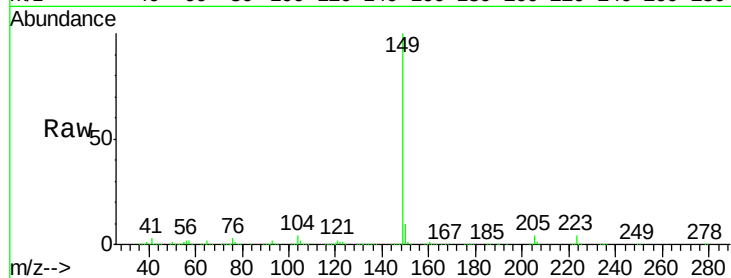
Tgt Ion:149 Resp: 3595037

Ion Ratio Lower Upper

149 100

150 9.6 7.9 11.9

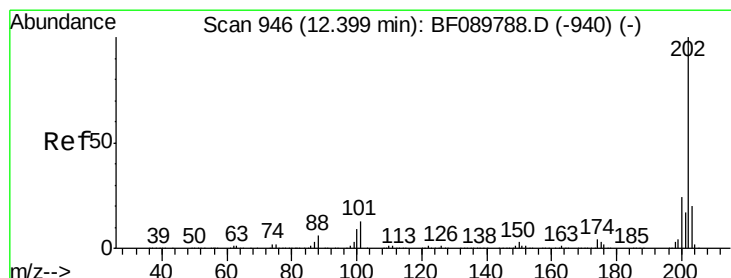
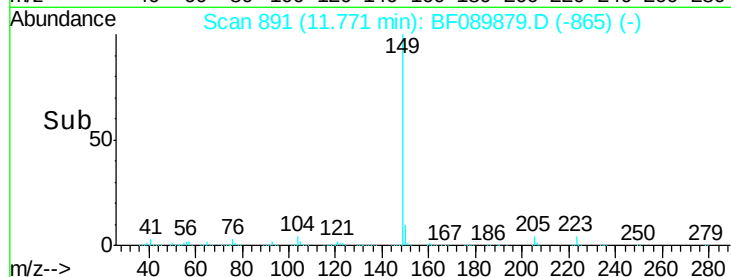
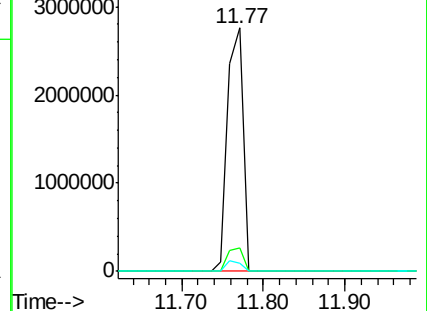
104 3.6 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.28 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

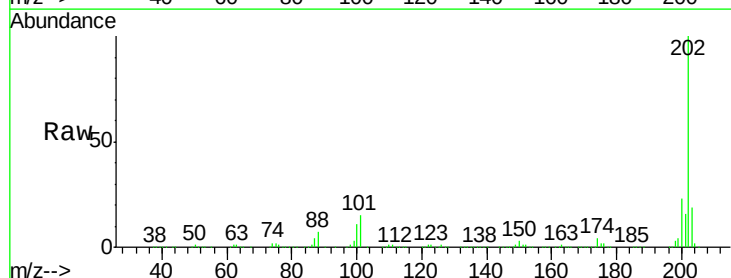
Tgt Ion:202 Resp: 2854258

Ion Ratio Lower Upper

202 100

101 15.2 0.0 31.2

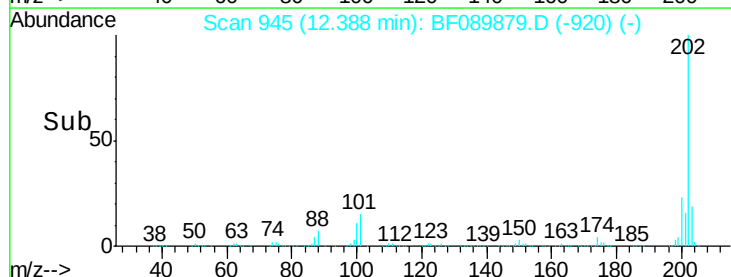
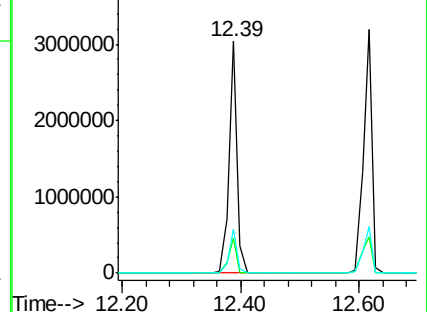
203 19.1 0.0 38.1

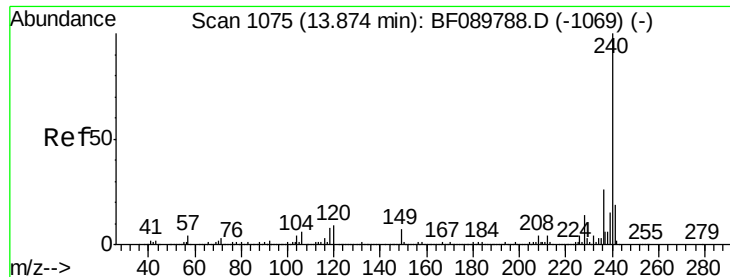


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

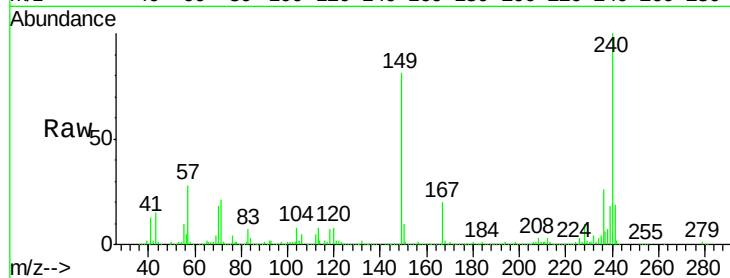
Tgt Ion:240 Resp: 1118573

Ion Ratio Lower Upper

240 100

120 7.6 8.3 12.5#

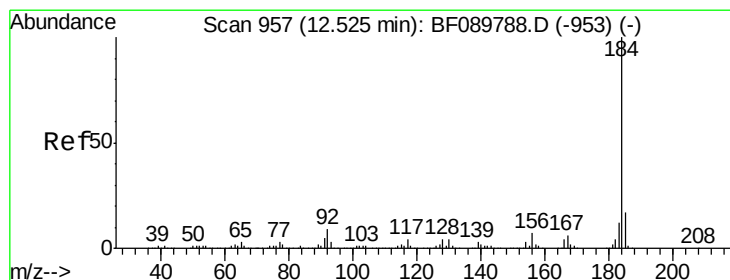
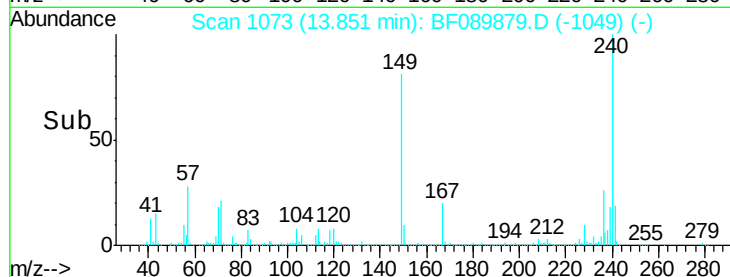
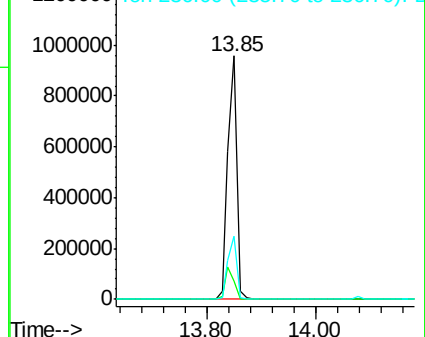
236 26.2 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.29 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

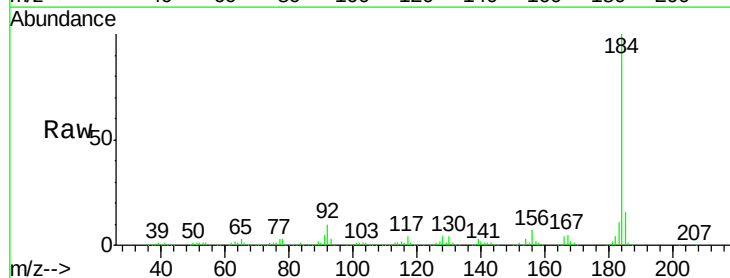
Tgt Ion:184 Resp: 1205108

Ion Ratio Lower Upper

184 100

185 15.8 13.8 20.8

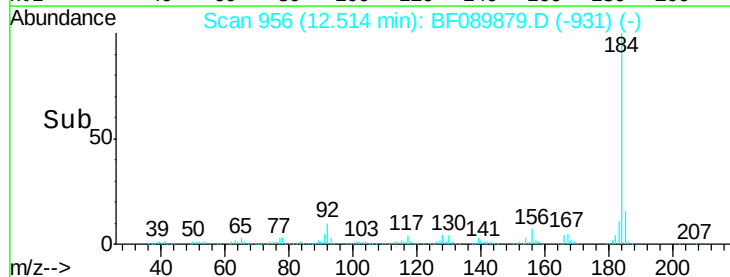
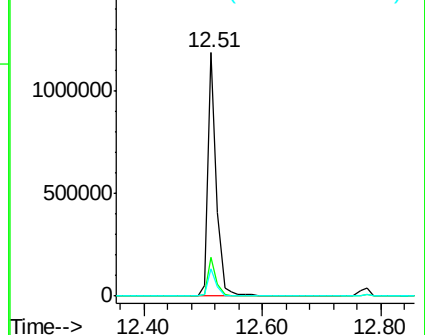
183 11.2 9.7 14.5

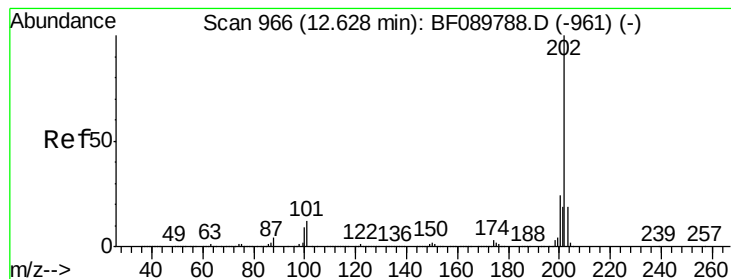


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.17 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

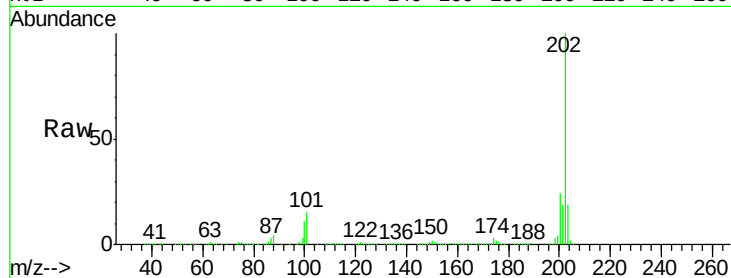
Tgt Ion:202 Resp: 3203166

Ion Ratio Lower Upper

202 100

200 23.5 17.8 26.6

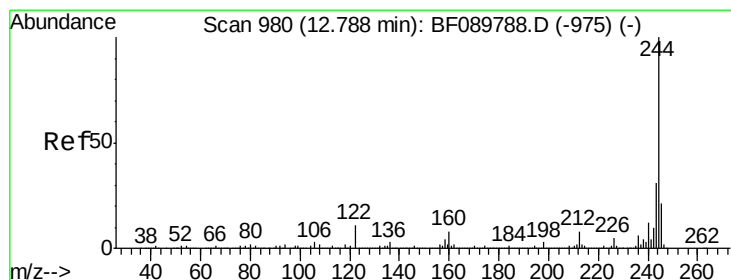
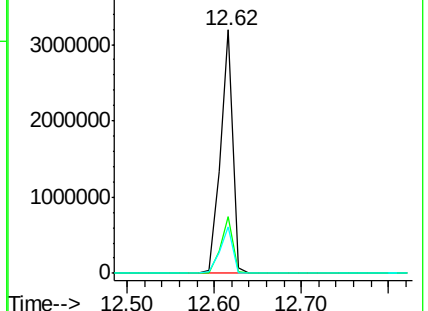
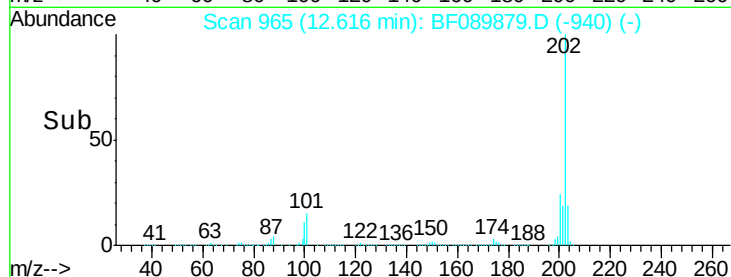
203 19.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.32 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

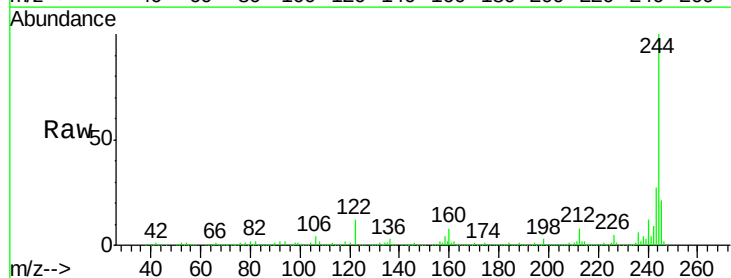
Tgt Ion:244 Resp: 3328730

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

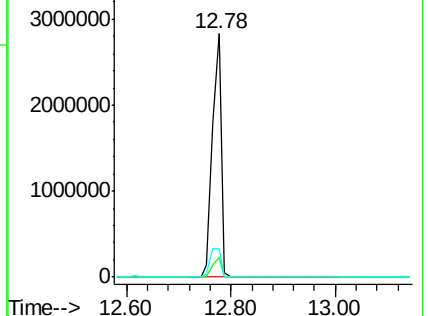
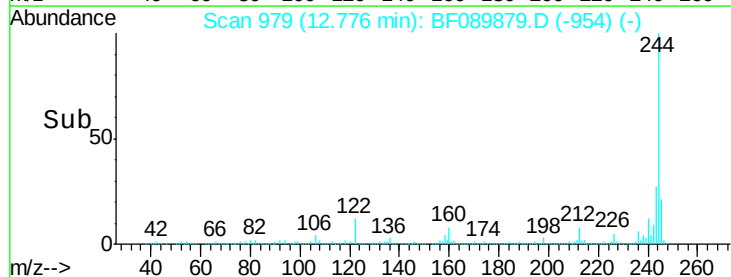
122 11.9 12.0 18.0#

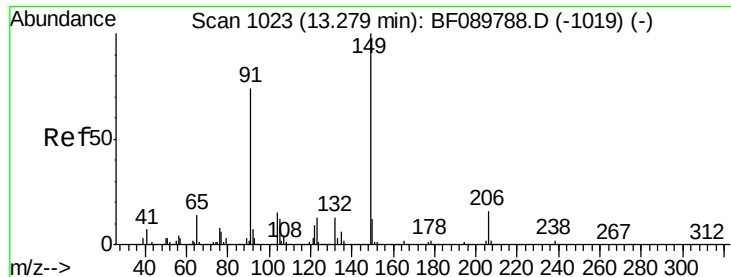


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

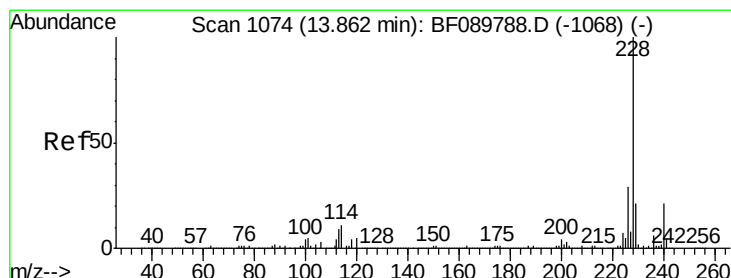
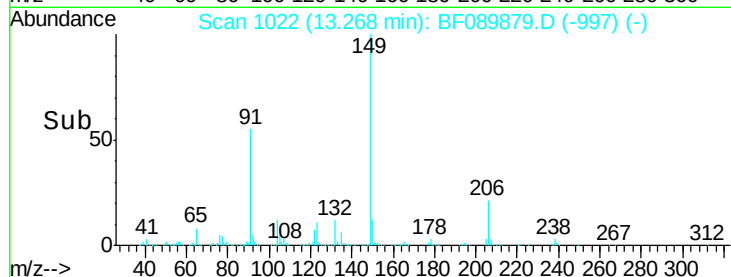
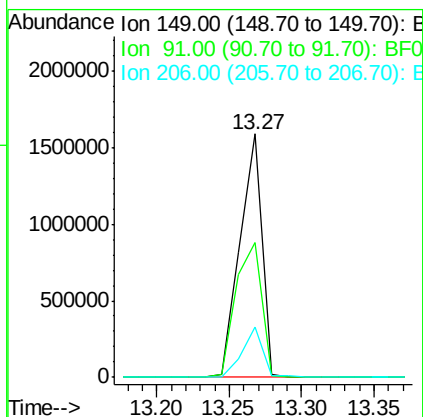
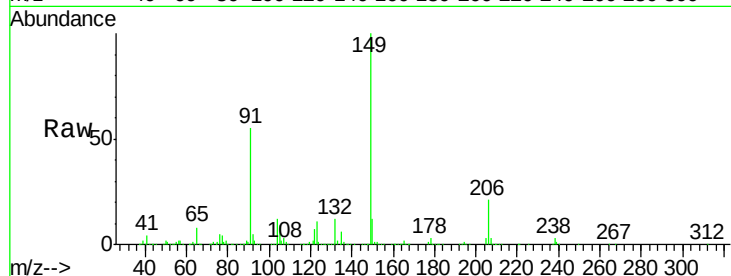




#79
Butylbenzylphthalate
Concen: 40.85 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

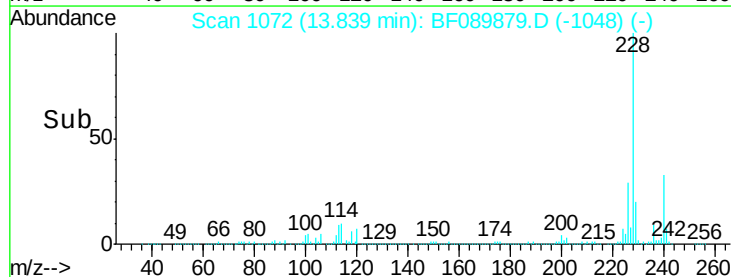
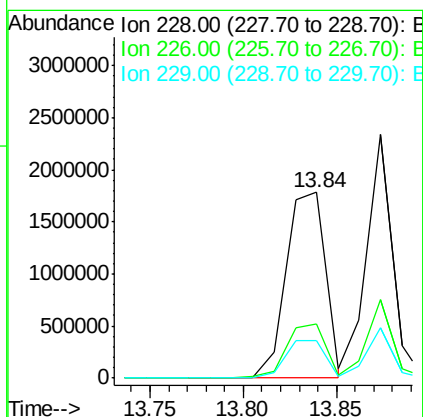
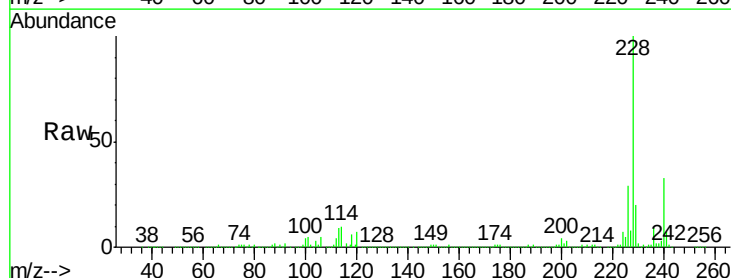
Instrument :
BNA_F
ClientSampleId :
PB93061BSD

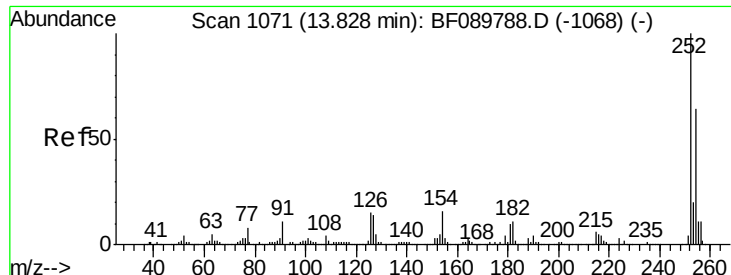
Tgt Ion:149 Resp: 1680570
Ion Ratio Lower Upper
149 100
91 55.2 50.7 76.1
206 20.7 15.5 23.3



#80
Benzo(a)anthracene
Concen: 41.07 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Tgt Ion:228 Resp: 2630743
Ion Ratio Lower Upper
228 100
226 28.9 23.2 34.8
229 20.3 16.2 24.4

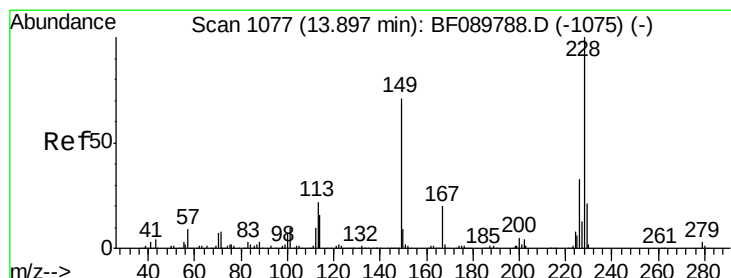
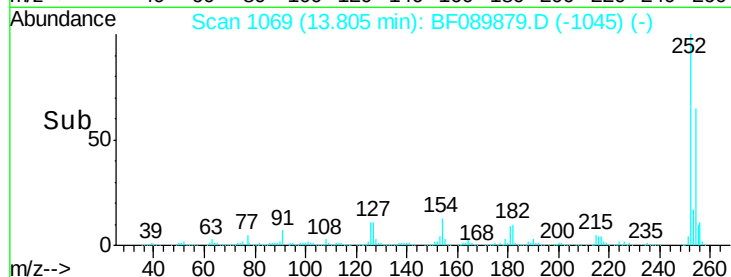
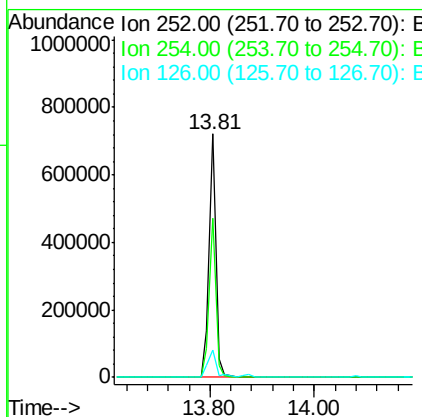
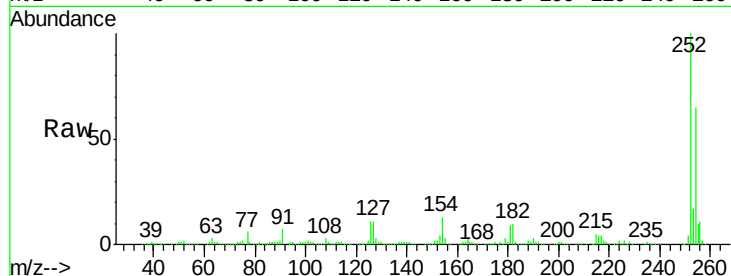




#81
 3,3'-Dichlorobenzidine
 Concen: 30.80 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

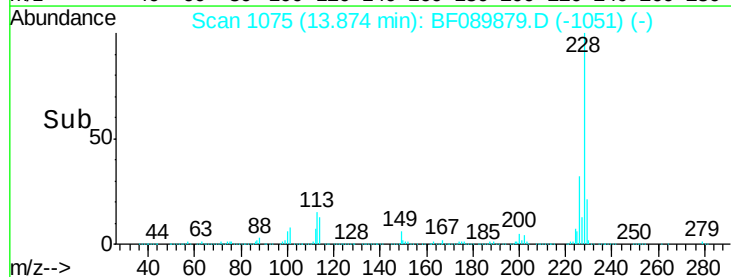
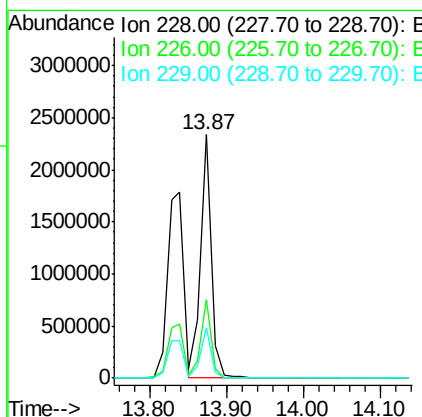
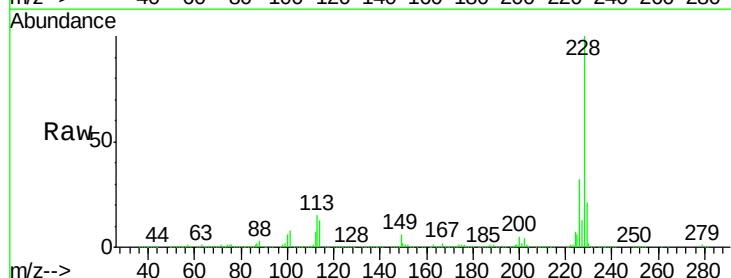
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BSD

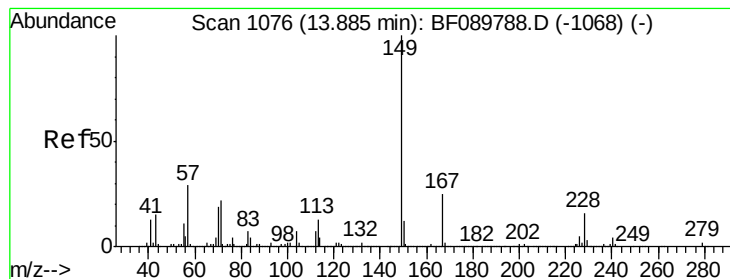
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.6	75.8
126	11.0	12.6	18.8#



#82
 Chrysene
 Concen: 40.99 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.4	38.0
229	20.8	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.07 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

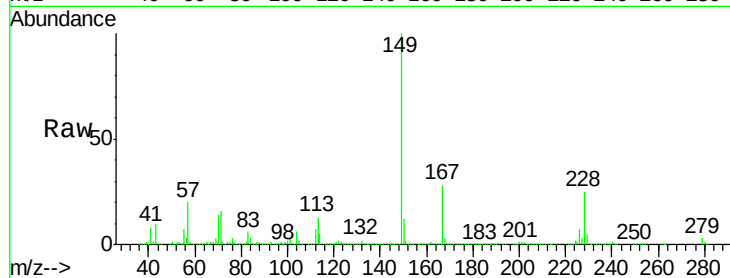
Tgt Ion:149 Resp: 2214131

Ion Ratio Lower Upper

149 100

167 27.9 21.2 31.8

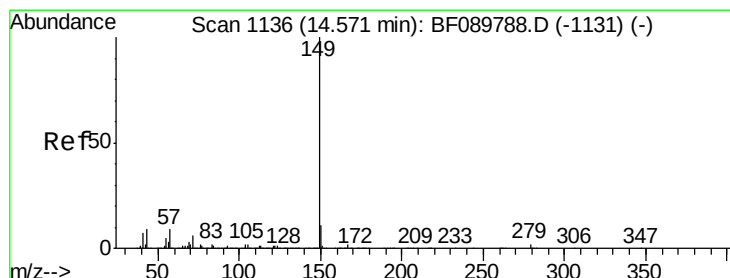
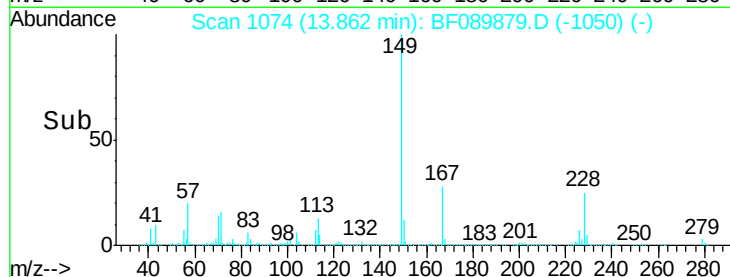
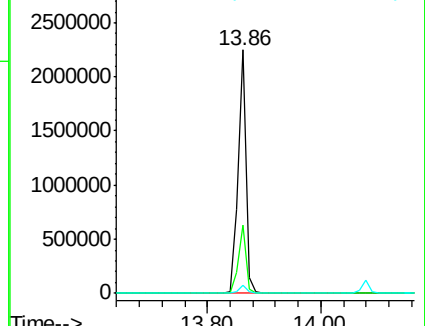
279 3.2 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.76 ng

RT: 14.54 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

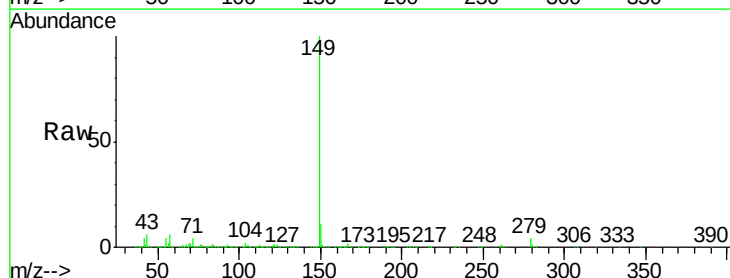
Tgt Ion:149 Resp: 3747402

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

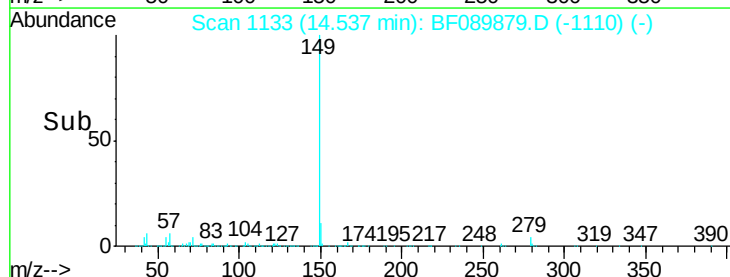
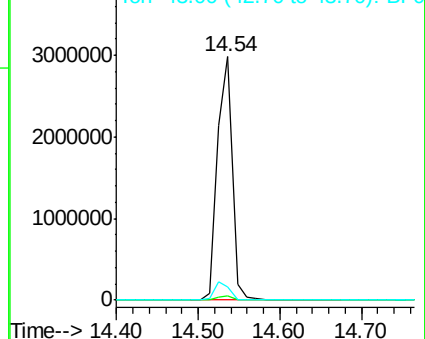
43 7.6 8.4 12.6#

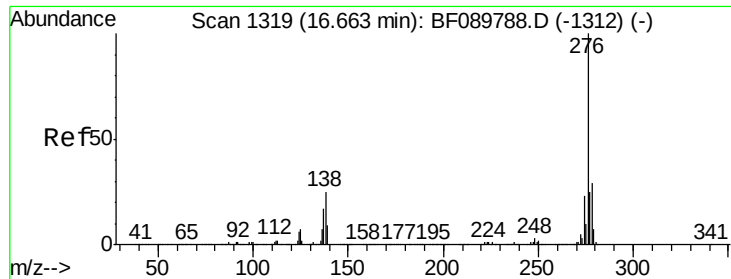


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.12 ng

RT: 16.61 min Scan# 1314

Delta R.T. -0.06 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

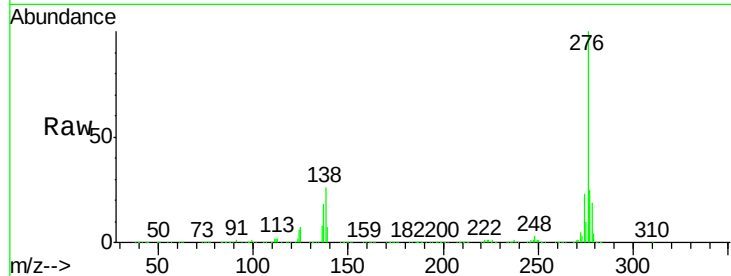
Tgt Ion:276 Resp: 2110154

Ion Ratio Lower Upper

276 100

138 30.8 24.6 36.8

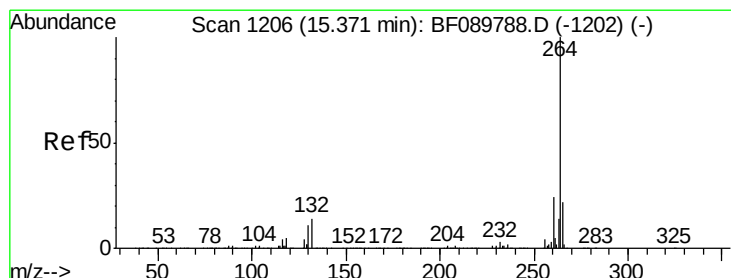
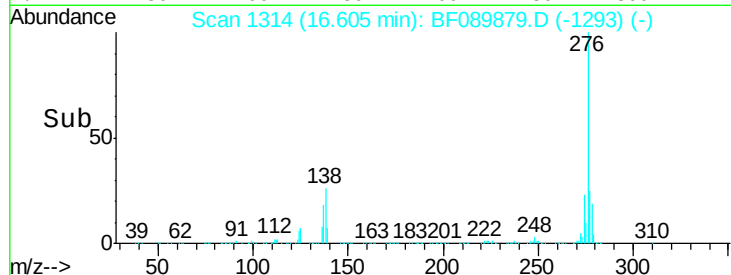
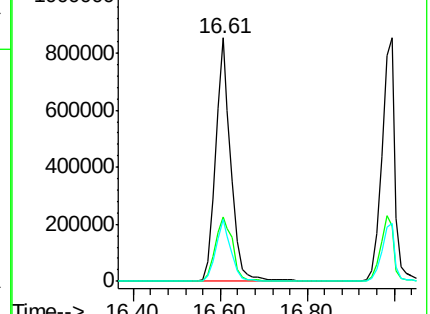
277 25.6 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.06 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

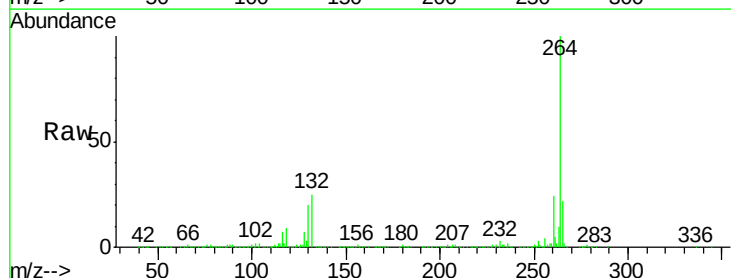
Tgt Ion:264 Resp: 963270

Ion Ratio Lower Upper

264 100

260 23.9 20.2 30.2

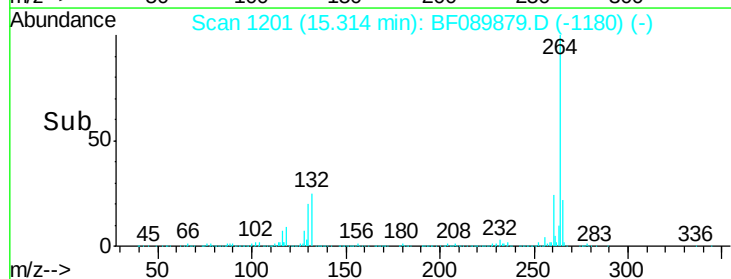
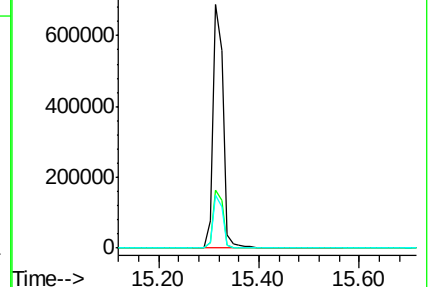
265 21.9 17.4 26.2

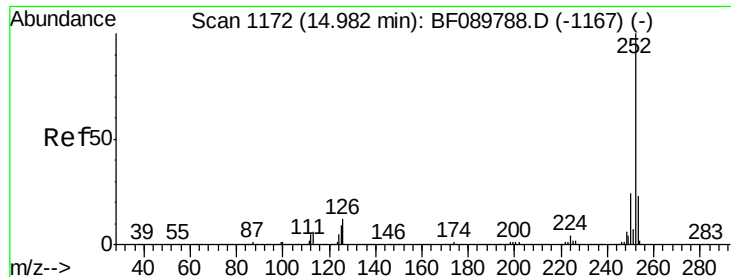


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.37 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.05 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

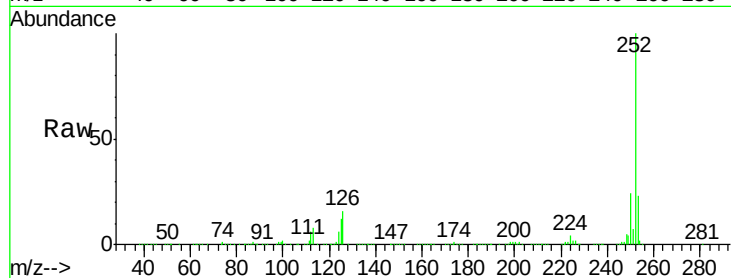
Tgt Ion:252 Resp: 2245076

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

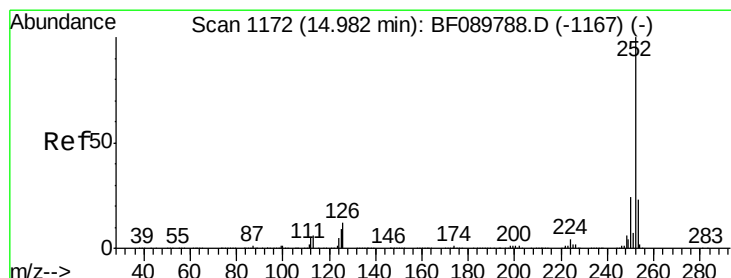
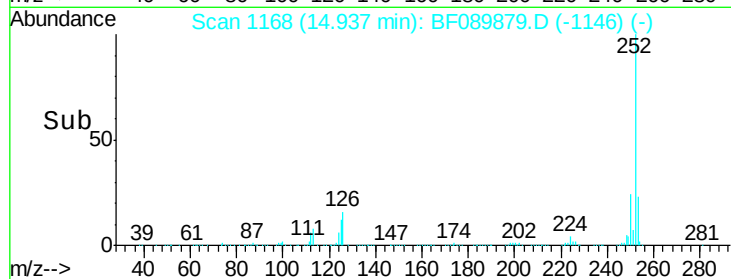
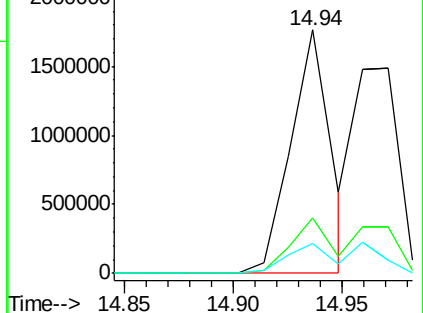
125 12.3 11.4 17.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.70 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

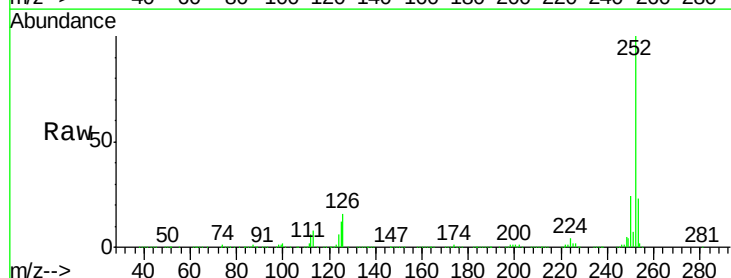
Tgt Ion:252 Resp: 2245076

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

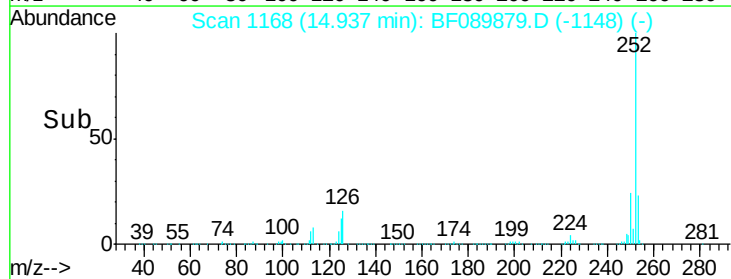
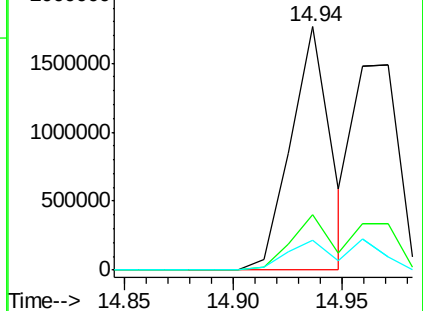
125 12.3 9.8 14.6

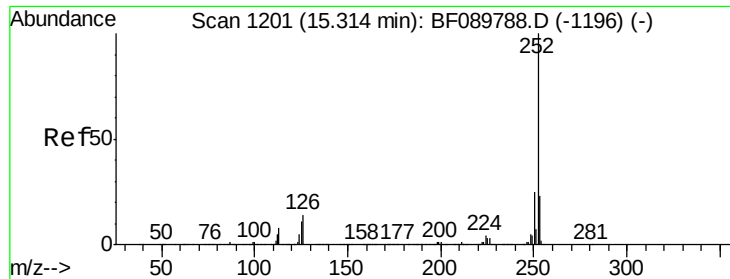


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.10 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.05 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

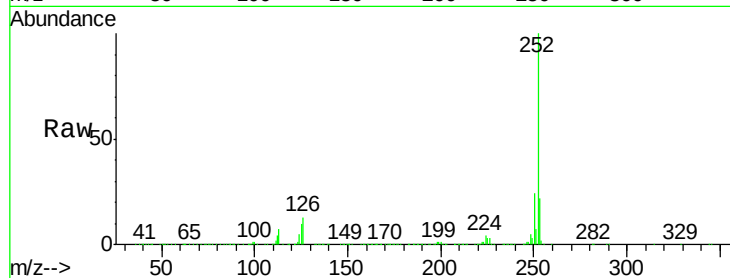
Tgt Ion:252 Resp: 2061547

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

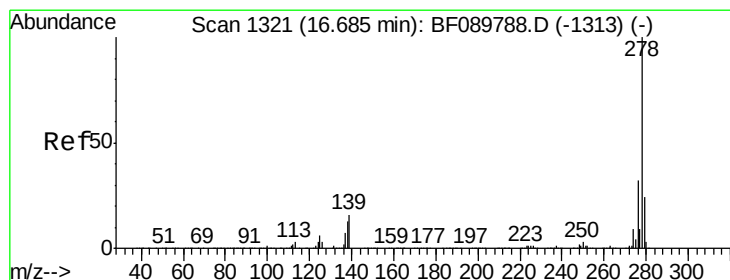
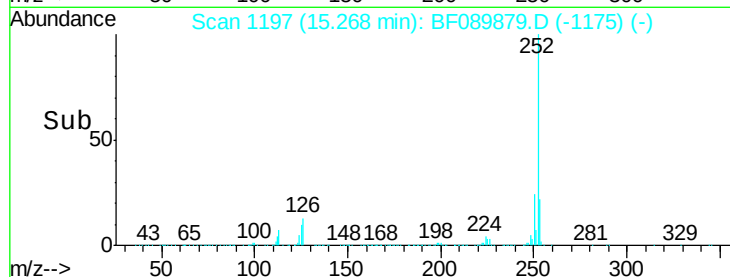
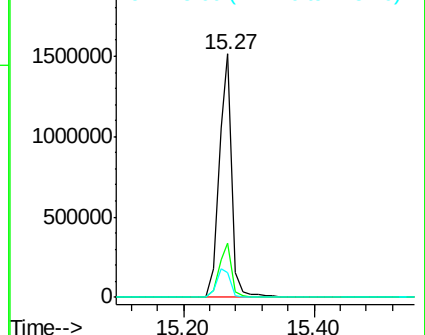
125 10.1 11.7 17.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 31.86 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.06 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

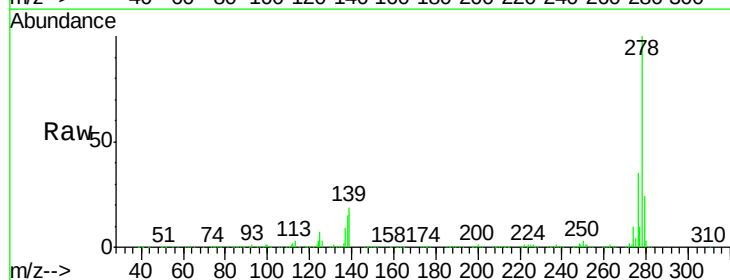
Tgt Ion:278 Resp: 1734613

Ion Ratio Lower Upper

278 100

139 19.1 14.9 22.3

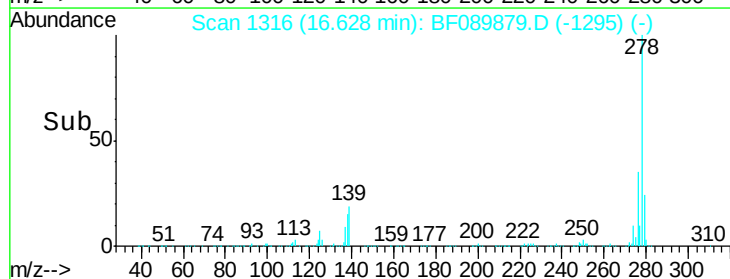
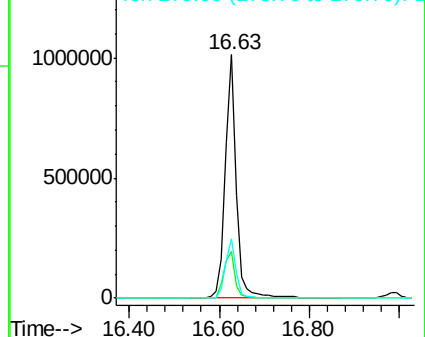
279 24.4 19.2 28.8

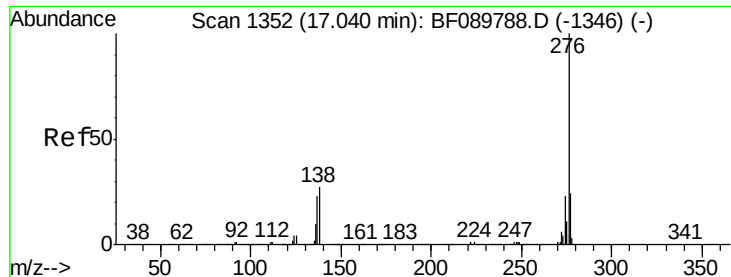


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.67 ng

RT: 16.99 min Scan# 1348

Delta R.T. -0.05 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB93061BSD

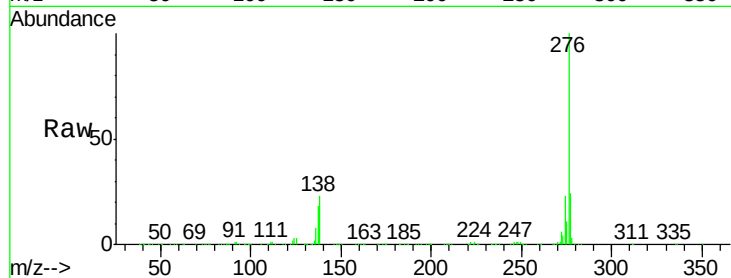
Tgt Ion:276 Resp: 1815735

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 22.7 22.1 33.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

