

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 :

Quant Time: Aug 24 18:44:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 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	-0.03
21) Naphthalene-d8	7.95	136	1734437	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	830746	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	1512648	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	1118573	20.00	ng	-0.05
86) Perylene-d12	15.31	264	963270	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	3032280	116.43	ng	-0.02
7) Phenol-d6	6.31	99	3362947	101.52	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2020819	71.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	941149	117.10	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	3828118	73.94	ng	-0.03
78) Terphenyl-d14	12.78	244	3328730	88.90	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	409615	30.47	ng	97
3) Pyridine	2.83	79	1197095	34.55	ng	91
4) n-Nitrosodimethylamine	2.79	42	488261	35.11	ng	# 88
6) Aniline	6.33	93	1118832	25.13	ng	94
8) 2-Chlorophenol	6.46	128	1115629	36.01	ng	# 75
9) Benzaldehyde	6.20	77	252644	11.51	ng	86
10) Phenol	6.32	94	1196877	29.03	ng	97
11) bis(2-Chloroethyl)ether	6.41	93	1102494	36.09	ng	100
12) 1,3-Dichlorobenzene	6.60	146	1177109	35.55	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1240980	37.00	ng	98
14) 1,2-Dichlorobenzene	6.68	146	1240980	38.80	ng	97
15) Benzyl Alcohol	6.81	79	883485	39.91	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1208724	30.16	ng	94
17) 2-Methylphenol	6.94	107	994154	40.39	ng	96
18) Hexachloroethane	7.19	117	443464	36.07	ng	# 88
19) n-Nitroso-di-n-propylamine	7.10	70	790674	36.44	ng	89
20) 3+4-Methylphenols	7.08	107	1178824	37.40	ng	95
22) Acetophenone	7.08	105	1385554	34.37	ng	# 89
24) Nitrobenzene	7.26	77	1267379	39.67	ng	92
25) Isophorone	7.50	82	2103870	37.02	ng	97
26) 2-Nitrophenol	7.58	139	653583	43.47	ng	98
27) 2,4-Dimethylphenol	7.62	122	1144907	40.18	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1281055	37.09	ng	98
29) 2,4-Dichlorophenol	7.82	162	1017805	42.90	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	951626	37.36	ng	98
31) Naphthalene	7.98	128	3109391	39.94	ng	99
32) Benzoic acid	7.74	122	542390	24.48	ng	99
33) 4-Chloroaniline	8.02	127	543386	15.08	ng	# 87
34) Hexachlorobutadiene	8.10	225	500740	37.42	ng	98
35) Caprolactam	8.40	113	224945	30.76	ng	99
36) 4-Chloro-3-methylphenol	8.51	107	1008251	39.04	ng	90
37) 2-Methylnaphthalene	8.67	142	2172404	41.00	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	729678	27.32	ng	99
40) Hexachlorocyclopentadiene	8.83	237	930966	78.22	ng	98

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 :

Quant Time: Aug 24 18:44:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

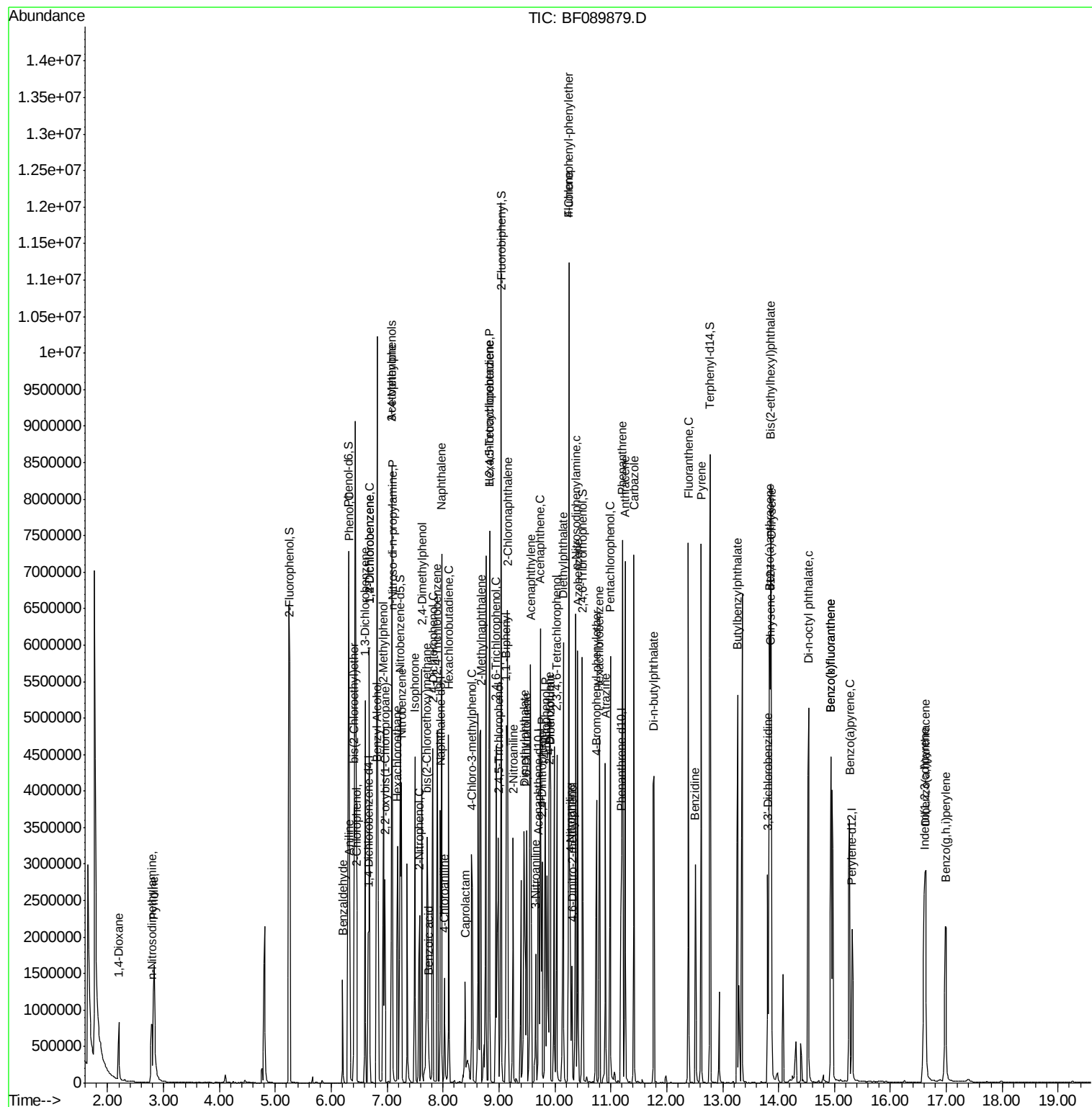
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	660620	38.29	nq	100
43) 2,4,5-Trichlorophenol	8.99	196	677748	41.20	nq	95
45) 1,1'-Biphenyl	9.13	154	2195986	31.92	nq	99
46) 2-Chloronaphthalene	9.15	162	1907681	37.00	nq	98
47) 2-Nitroaniline	9.26	65	657433	41.85	nq	# 69
48) Acenaphthylene	9.56	152	2913406	36.71	nq	99
49) Dimethylphthalate	9.45	163	2341558	38.95	nq	# 98
50) 2,6-Dinitrotoluene	9.50	165	486865	35.79	nq	87
51) Acenaphthene	9.74	154	2156747	40.27	nq	99
52) 3-Nitroaniline	9.66	138	340113	21.50	nq	97
53) 2,4-Dinitrophenol	9.77	184	503346	82.77	nq	# 82
54) Dibenzofuran	9.92	168	2830501	42.95	nq	# 88
55) 4-Nitrophenol	9.83	139	836806	68.76	nq	88
56) 2,4-Dinitrotoluene	9.90	165	644035	36.83	nq	# 60
57) Fluorene	10.25	166	1961023	36.83	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	576340	44.86	nq	98
59) Diethylphthalate	10.15	149	2431285	39.89	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	877104	33.55	nq	97
61) 4-Nitroaniline	10.27	138	530227	34.52	nq	94
62) Azobenzene	10.41	77	2483700	43.13	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	345046	39.29	nq	# 66
65) n-Nitrosodiphenylamine	10.38	169	2143680	45.16	nq	100
66) 4-Bromophenyl-phenylether	10.74	248	638776	40.78	nq	# 90
67) Hexachlorobenzene	10.80	284	647941	37.21	nq	# 87
68) Atrazine	10.90	200	519570	36.13	nq	97
69) Pentachlorophenol	10.99	266	714861	65.89	nq	98
70) Phenanthrene	11.21	178	3130016	42.10	nq	97
71) Anthracene	11.26	178	2890547	37.21	nq	99
72) Carbazole	11.42	167	2898345	39.38	nq	97
73) Di-n-butylphthalate	11.77	149	3595037	40.16	nq	# 98
74) Fluoranthene	12.39	202	2854258	38.21	nq	95
76) Benzidine	12.51	184	1205108	30.02	nq	97
77) Pyrene	12.62	202	3203166	43.76	nq	97
79) Butylbenzylphthalate	13.27	149	1680570	45.76	nq	91
80) Benzo(a)anthracene	13.84	228	2630743	40.48	nq	100
81) 3,3'-Dichlorobenzidine	13.81	252	646801	27.31	nq	# 96
82) Chrysene	13.87	228	2251079	38.49	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	2214131	45.56	nq	97
84) Di-n-octyl phthalate	14.54	149	3747402	49.61	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.61	276	2110154	42.35	nq	100
87) Benzo(b)fluoranthene	14.94	252	2245076	36.78	nq	97
88) Benzo(k)fluoranthene	14.94	252	2245076	44.69	nq	100
89) Benzo(a)pyrene	15.27	252	2061547	40.91	nq	# 96
90) Dibenzo(a,h)anthracene	16.63	278	1734613	43.72	nq	99
91) Benzo(g,h,i)perylene	16.99	276	1815735	44.96	nq	95

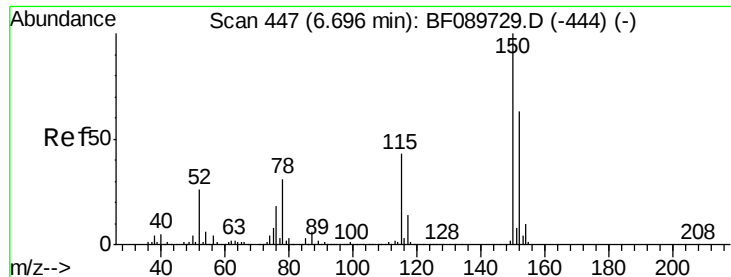
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Aug 24 18:44:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration



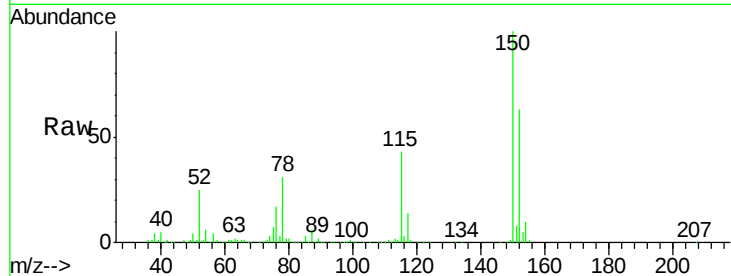


#1

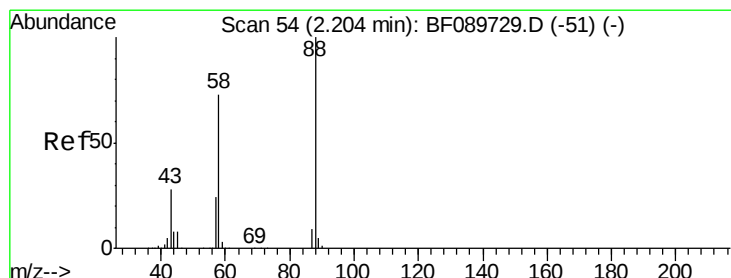
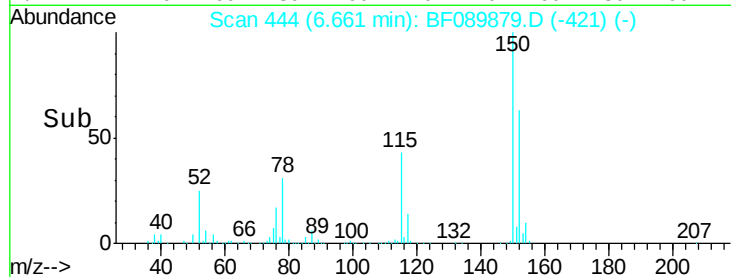
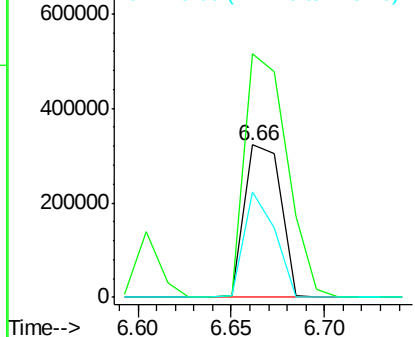
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 434547
Ion Ratio Lower Upper
152 100
150 159.5 125.3 187.9
115 68.8 40.9 61.3#



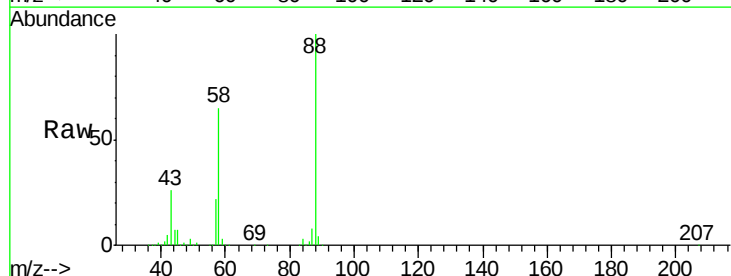
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



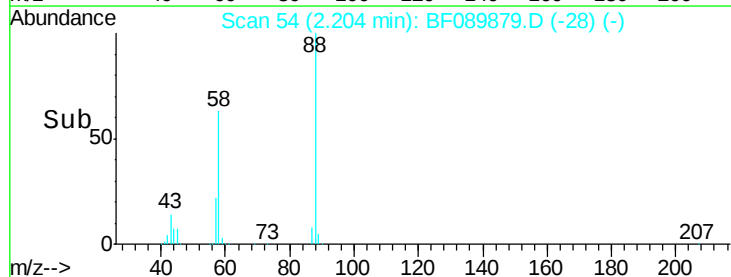
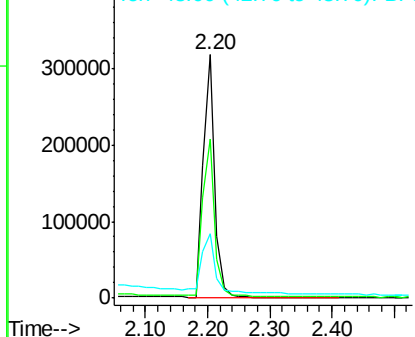
#2

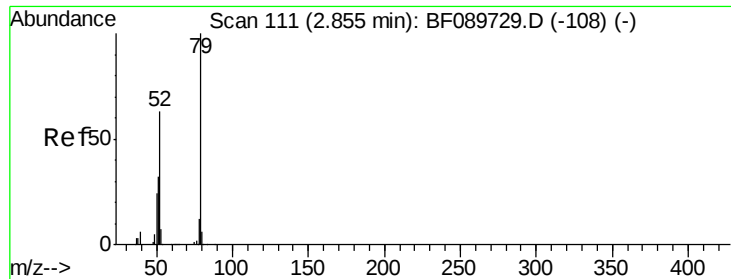
1,4-Dioxane
Concen: 30.47 ng
RT: 2.20 min Scan# 54
Delta R.T. -0.00 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Tgt Ion: 88 Resp: 409615
Ion Ratio Lower Upper
88 100
58 68.9 57.0 85.4
43 28.4 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

Pvridine

Concen: 34.55 ng

RT: 2.83 min Scan# 109

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampled :

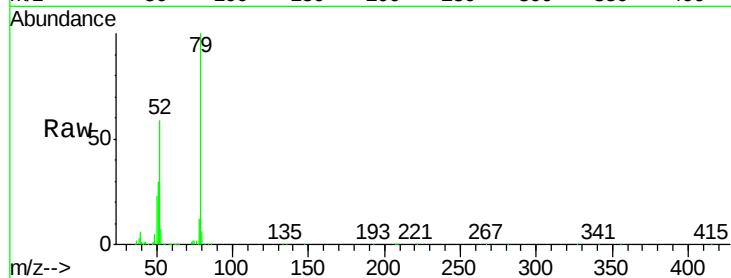
Tot Ion: 79 Resp: 1197095

Ion Ratio Lower Upper

79 100

52 58.8 53.6 80.4

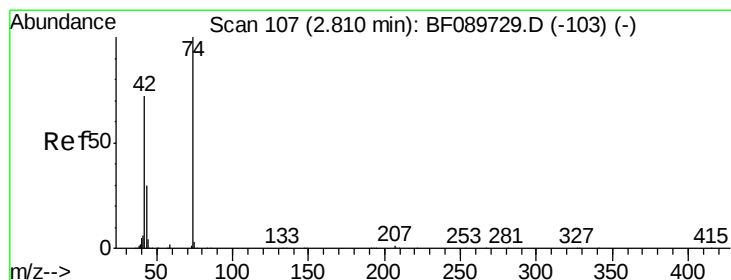
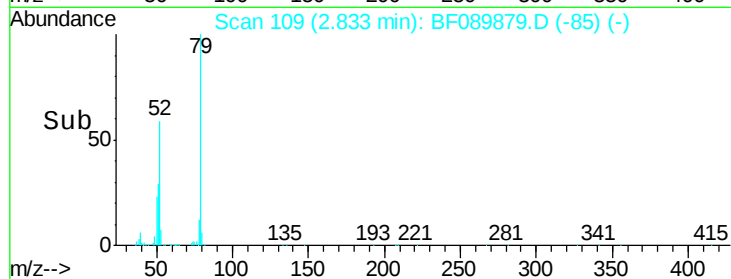
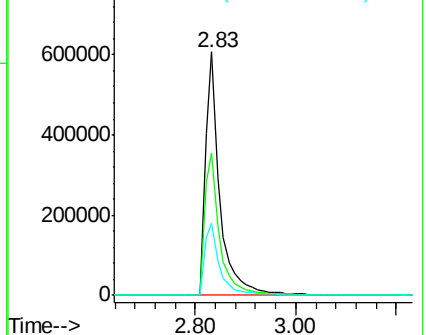
51 29.5 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.11 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

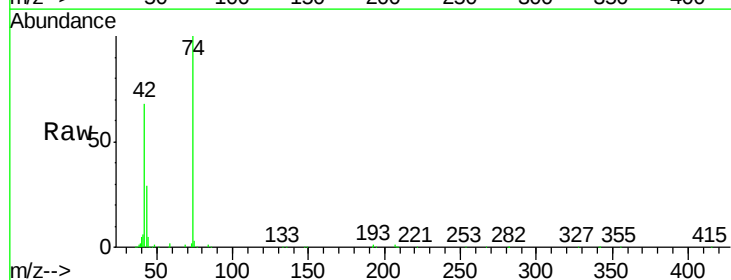
Tgt Ion: 42 Resp: 488261

Ion Ratio Lower Upper

42 100

74 147.7 106.2 159.2

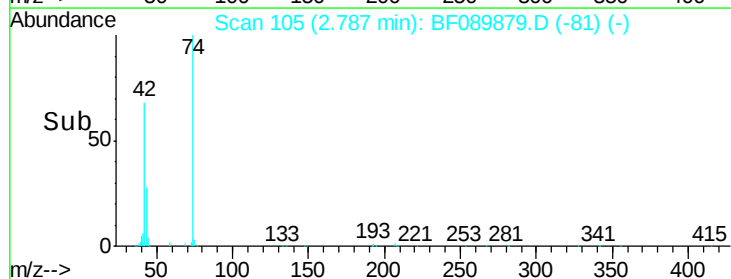
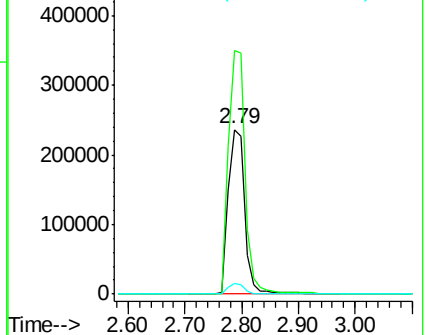
44 6.7 6.9 10.3#

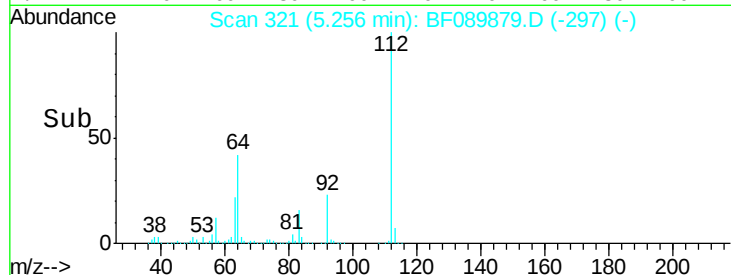
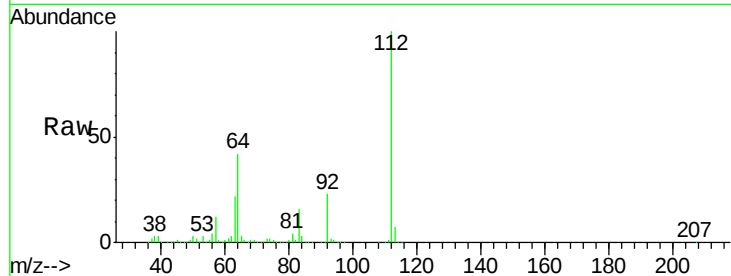
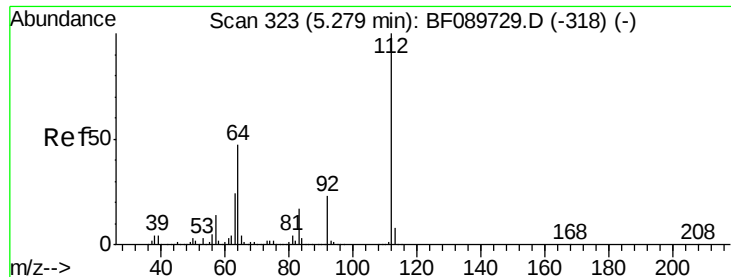


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.43 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

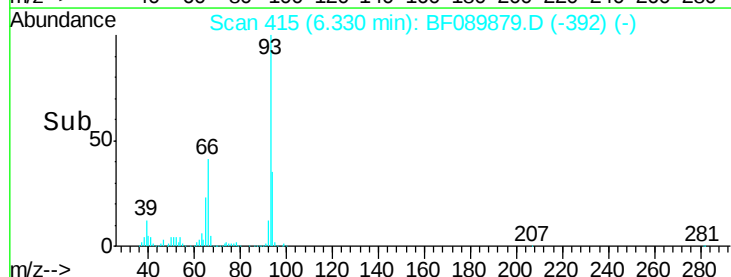
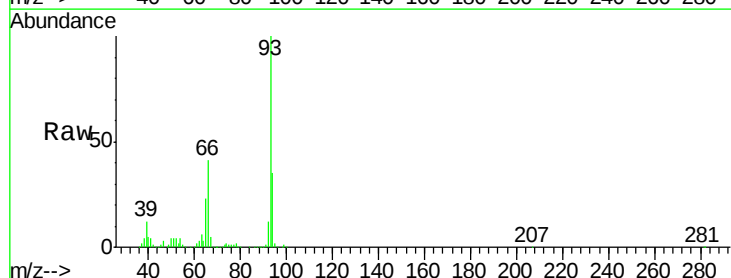
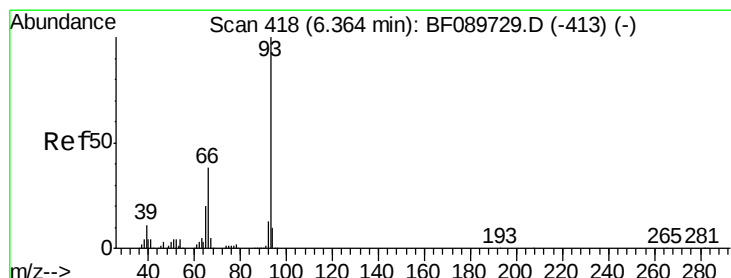
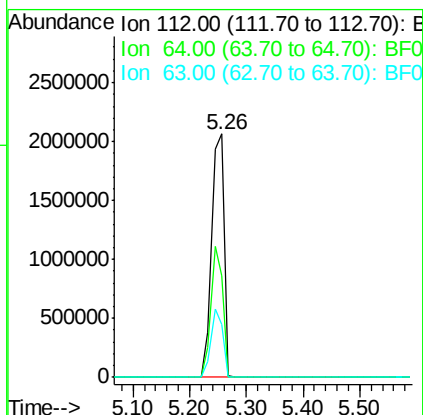
Tot Ion:112 Resp: 3032280

Ion Ratio Lower Upper

112 100

64 41.7 45.0 67.4#

63 21.6 23.1 34.7#



#6

Aniline

Concen: 25.13 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

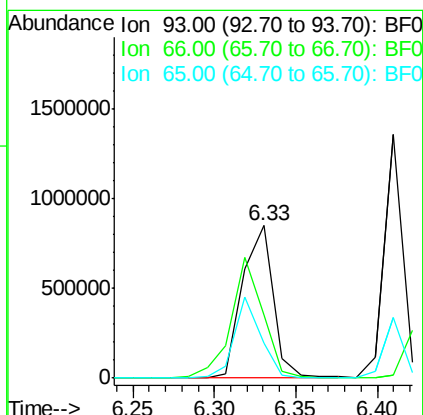
Tgt Ion: 93 Resp: 1118832

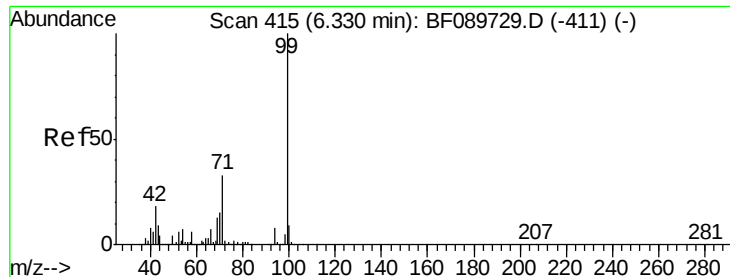
Ion Ratio Lower Upper

93 100

66 41.3 30.6 46.0

65 22.6 15.4 23.2





#7

Phenol-d6

Concen: 101.52 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

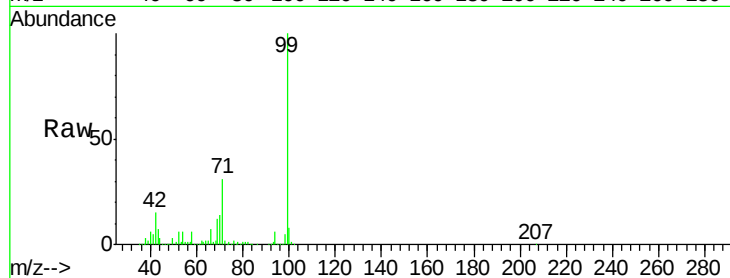
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3362947

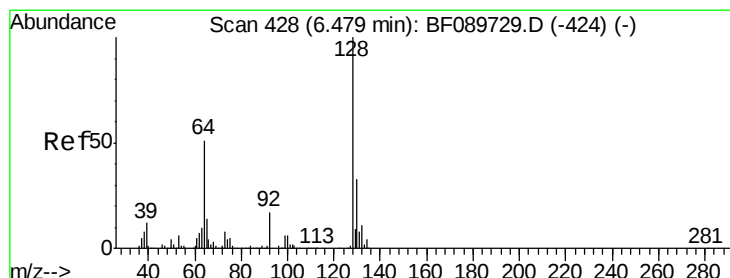
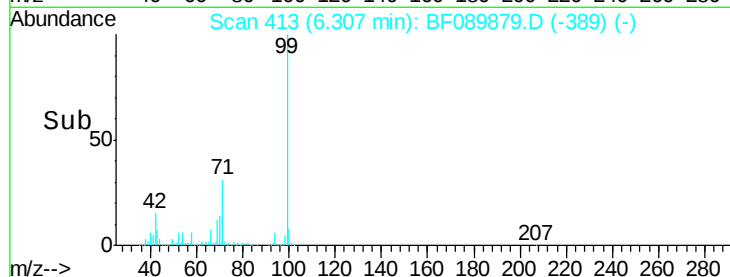
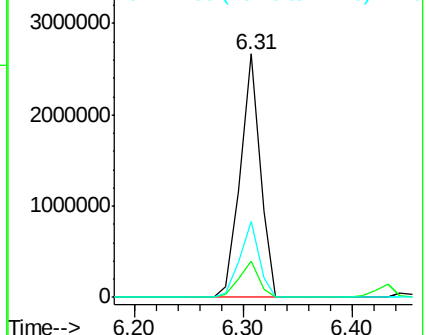
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.4
71	31.3	23.8	35.8



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: 36.01 ng

RT: 6.46 min Scan# 426

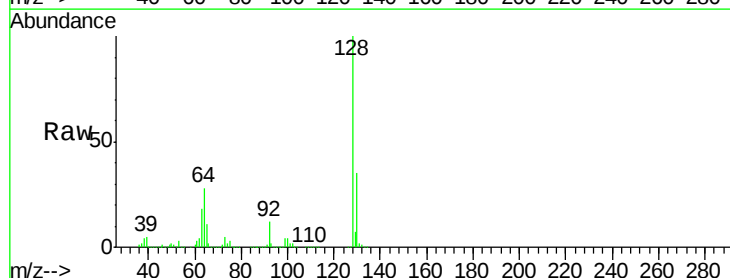
Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Tgt Ion: 128 Resp: 1115629

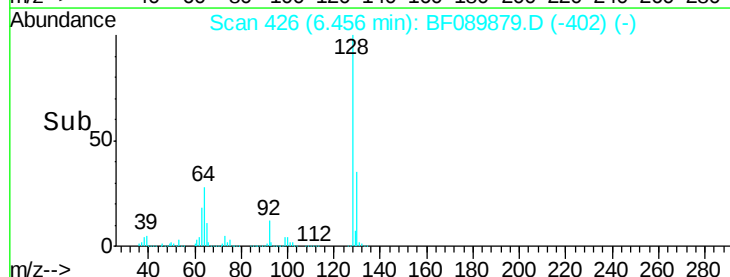
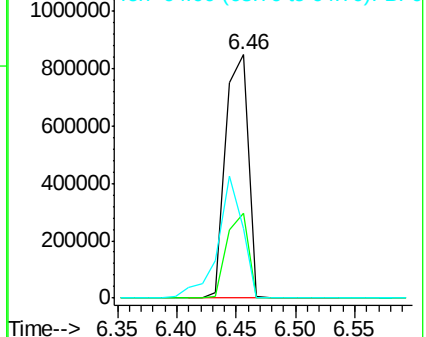
Ion	Ratio	Lower	Upper
128	100		
130	35.1	12.0	52.0
64	28.5	35.1	75.1

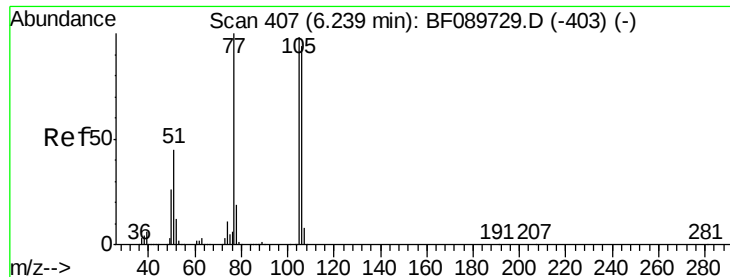


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.51 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

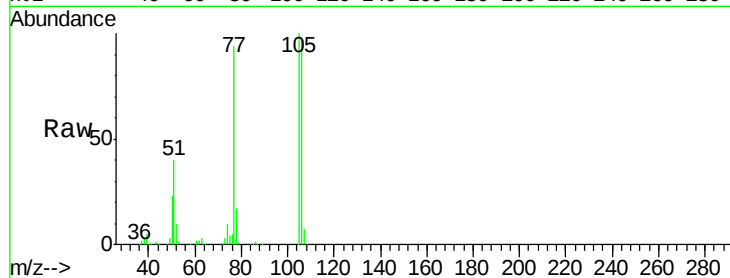
Tot Ion: 77 Resp: 252644

Ion Ratio Lower Upper

77 100

105 106.2 73.3 113.3

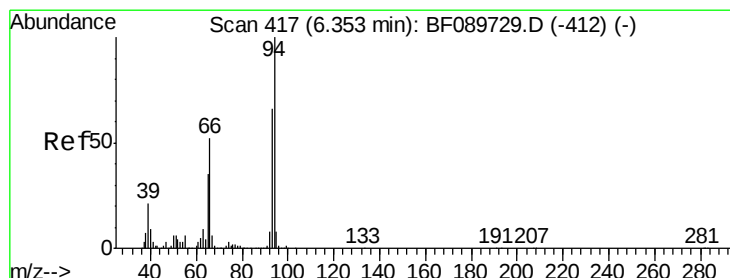
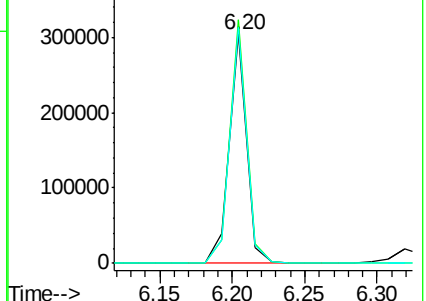
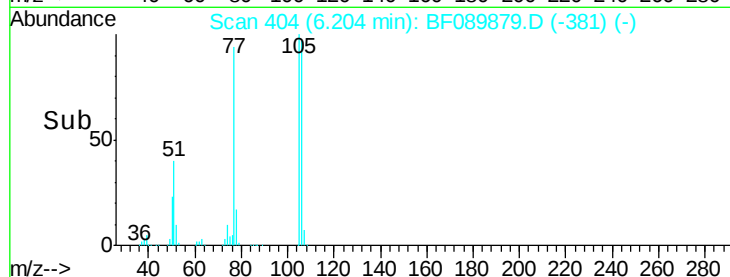
106 103.0 68.6 108.6



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: 29.03 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

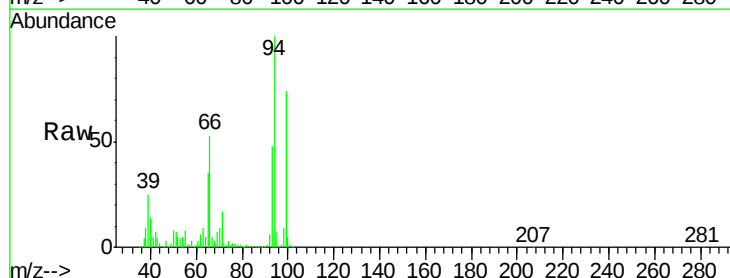
Tgt Ion: 94 Resp: 1196877

Ion Ratio Lower Upper

94 100

65 35.5 14.0 54.0

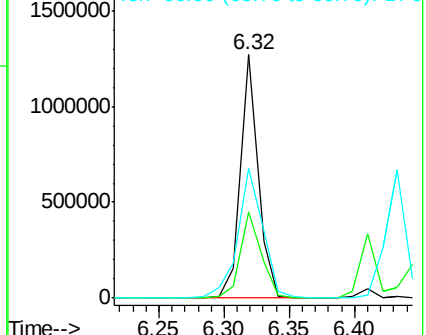
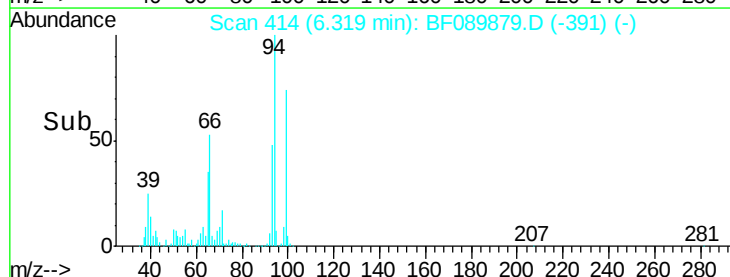
66 53.0 31.2 71.2

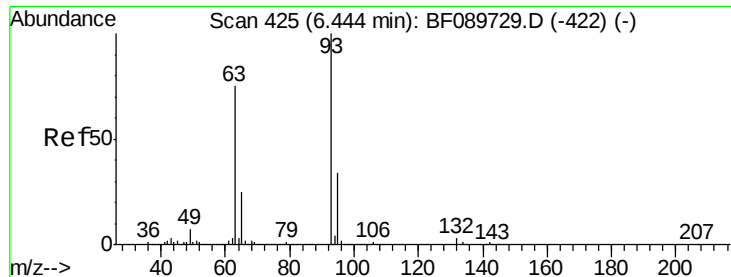


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.09 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

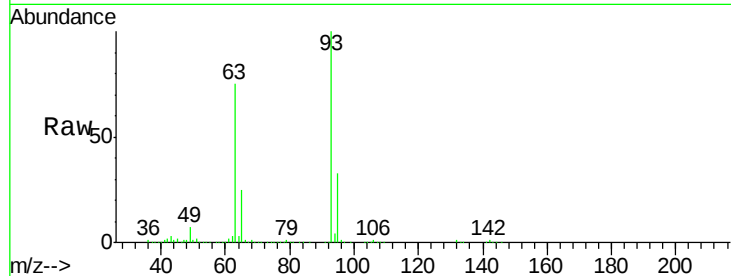
Tot Ion: 93 Resp: 1102494

Ion Ratio Lower Upper

93 100

63 75.5 55.8 95.8

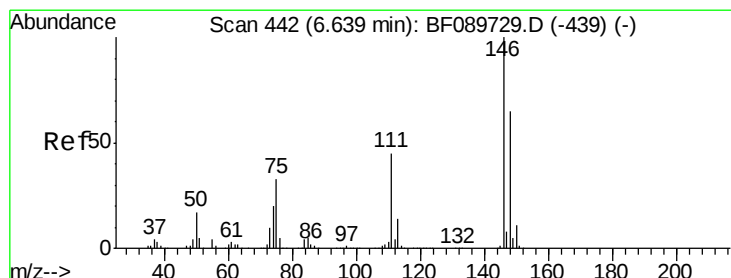
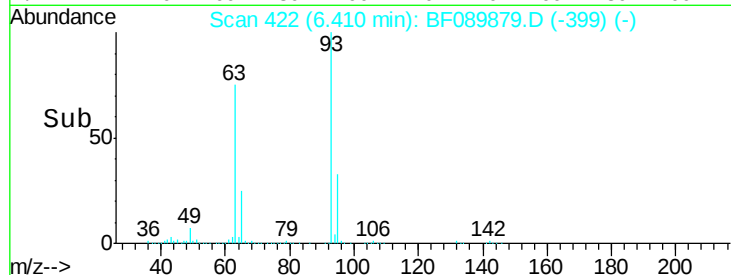
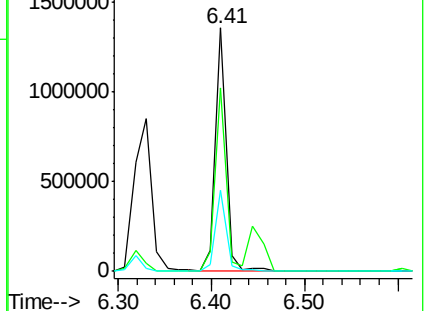
95 33.4 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.55 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

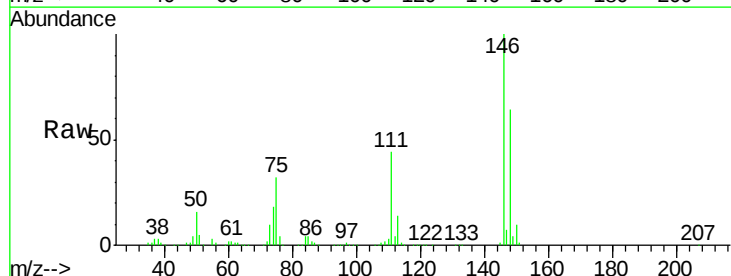
Tgt Ion: 146 Resp: 1177109

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

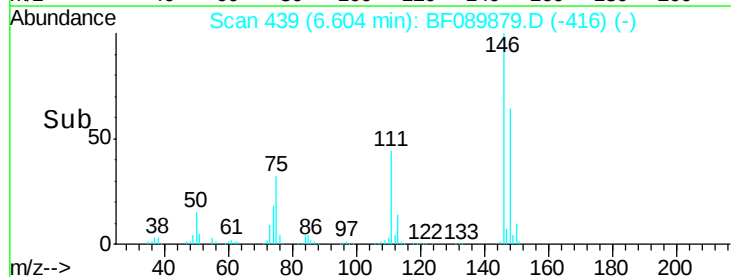
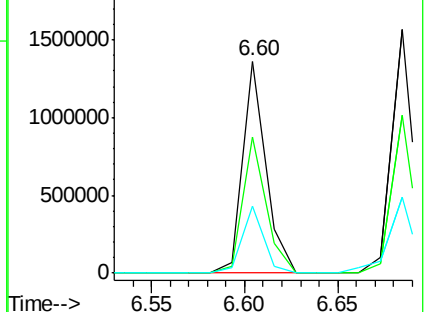
75 31.7 27.0 40.6

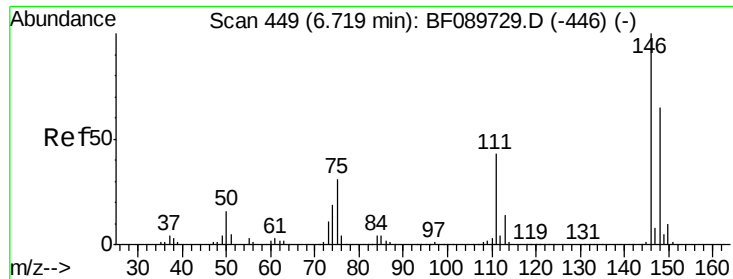


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

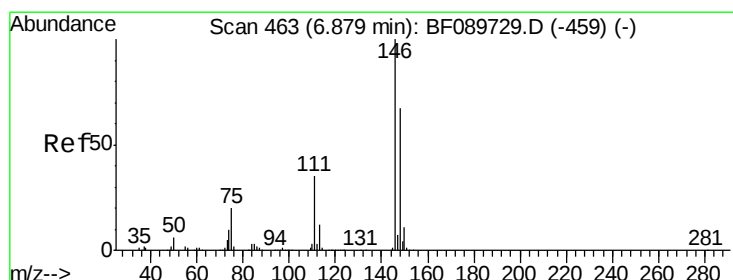
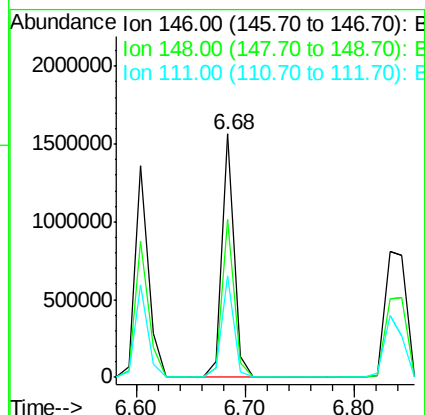
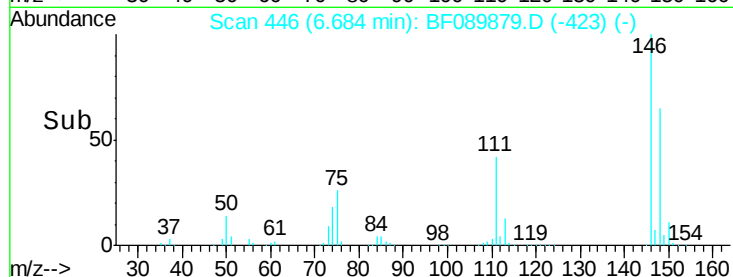
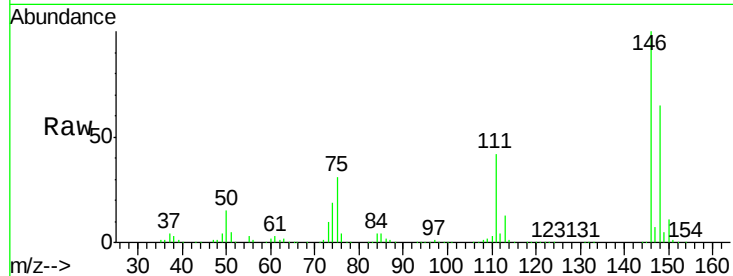




#13
 1,4-Dichlorobenzene
 Concen: 37.00 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

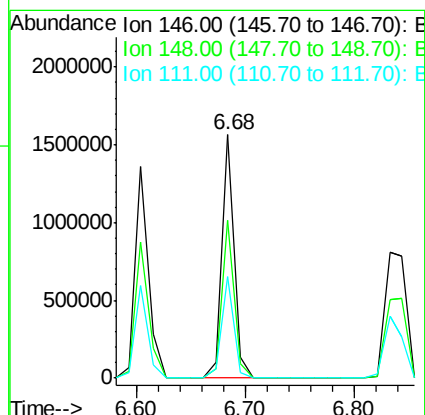
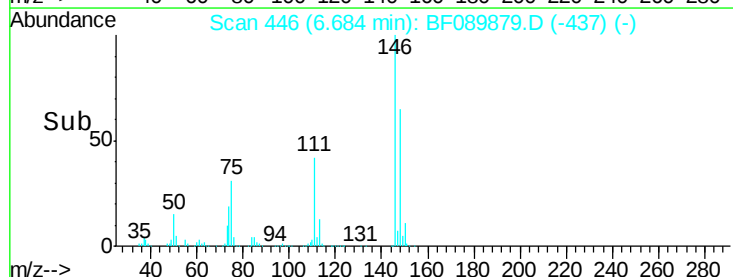
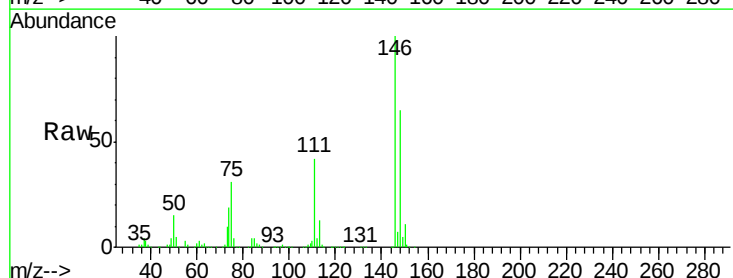
Instrument :
 BNA_F
 ClientSampleId :

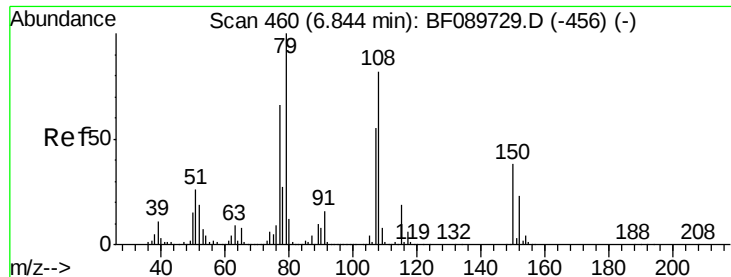
Tot Ion:146 Resp: 1240980
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 41.5 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 38.80 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.19 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: 39.91 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

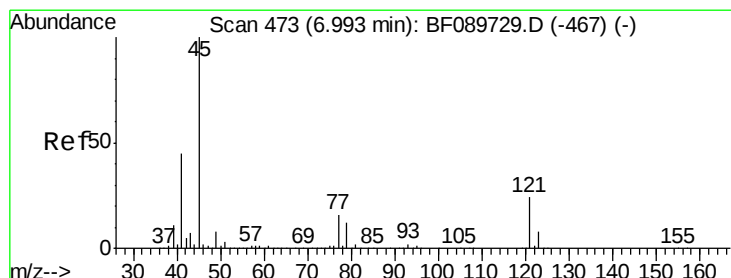
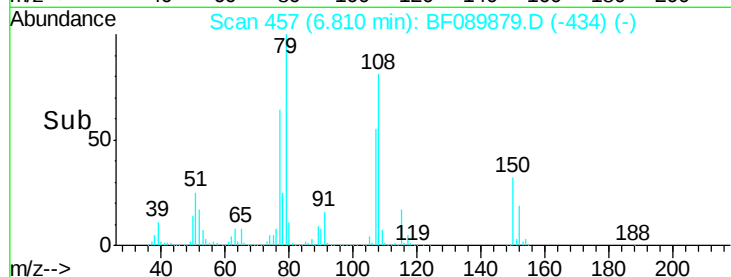
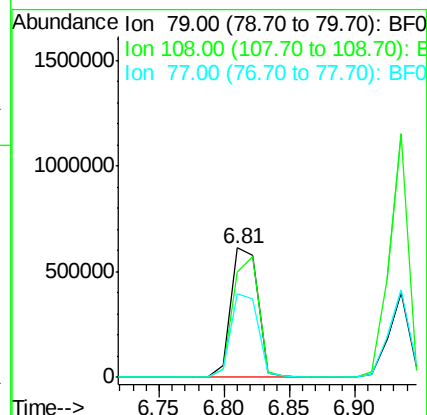
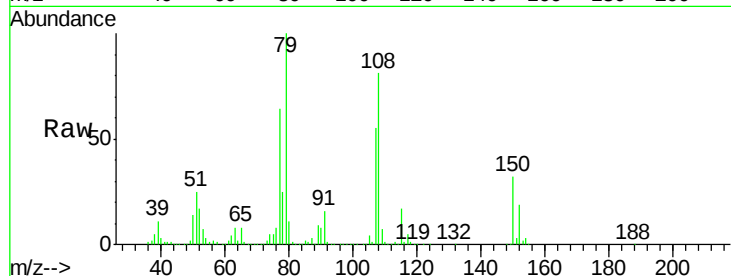
Tot Ion: 79 Resp: 883485

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: 30.16 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

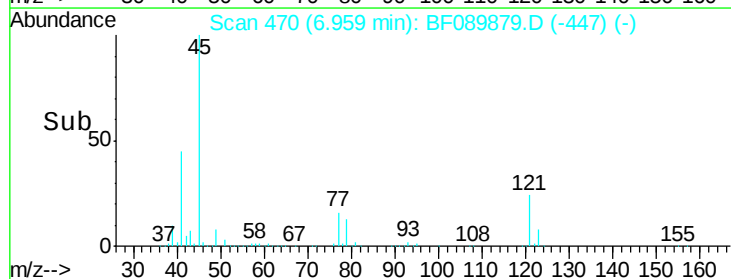
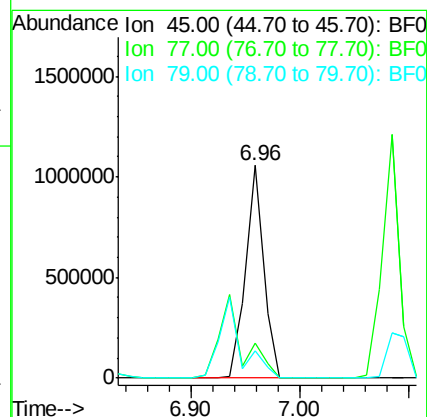
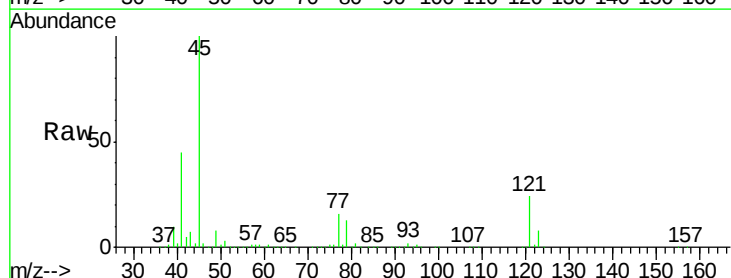
Tgt Ion: 45 Resp: 1208724

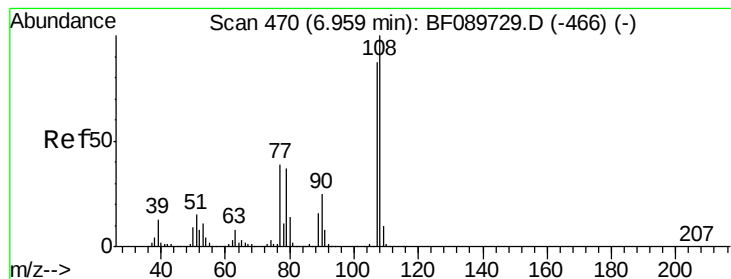
Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.5

79 12.8 0.0 30.7

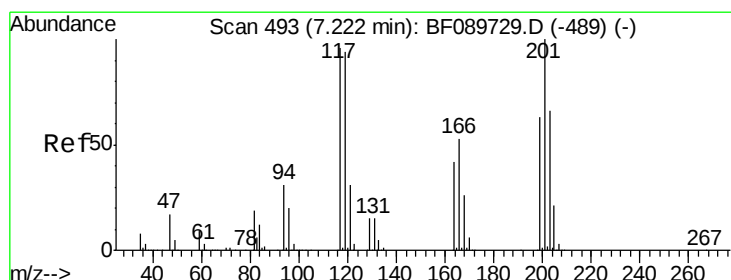
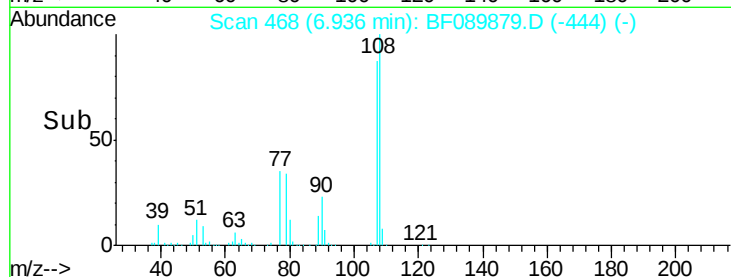
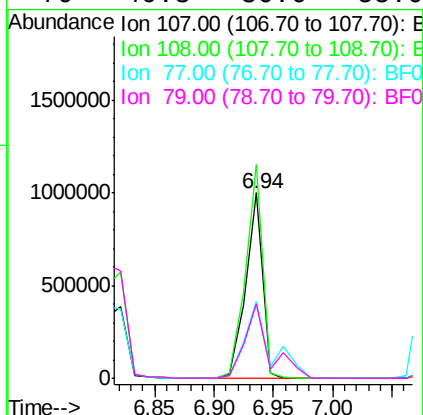
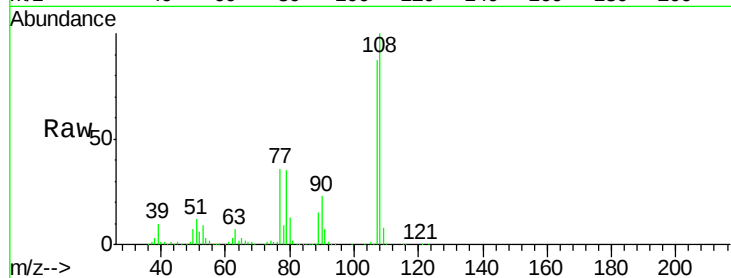




#17
2-Methylphenol
Concen: 40.39 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

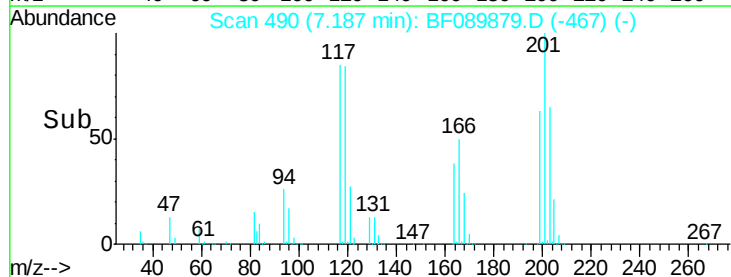
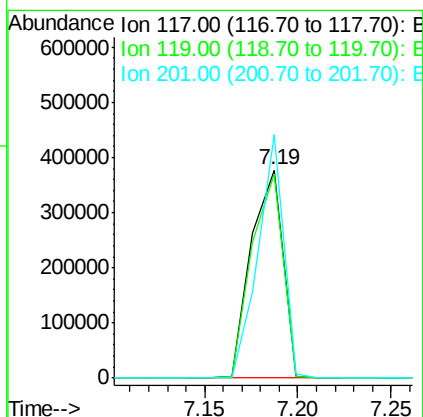
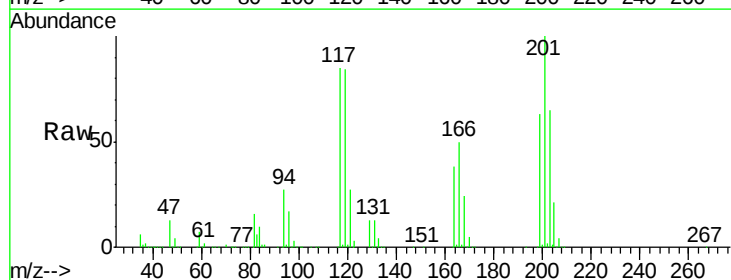
Instrument :
BNA_F
ClientSampleId :

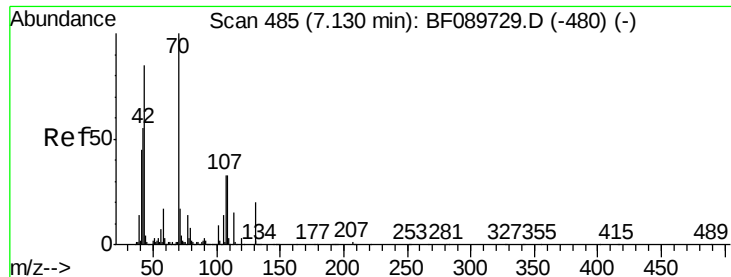
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.0	136.4
77	41.5	37.4	56.0
79	40.3	36.6	55.0



#18
Hexachloroethane
Concen: 36.07 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.03 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.1	115.7
201	117.1	76.9	115.3#

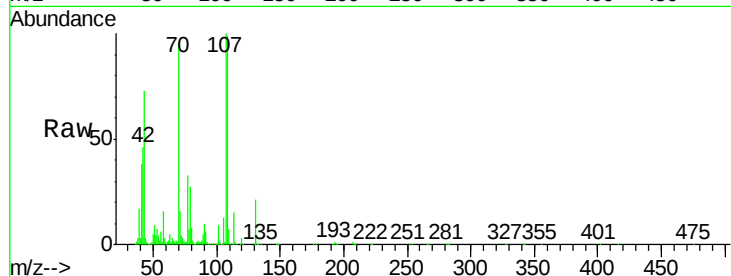




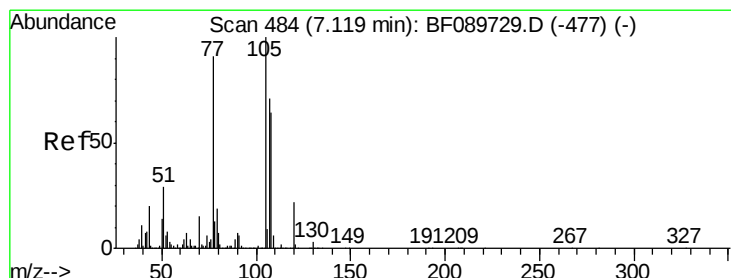
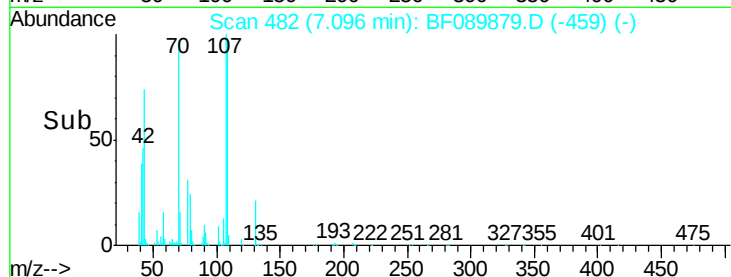
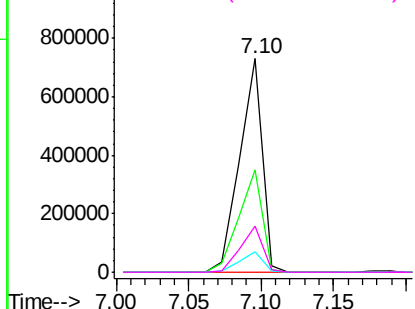
#19
n-Nitroso-di-n-propylamine
Concen: 36.44 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :

Tot 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

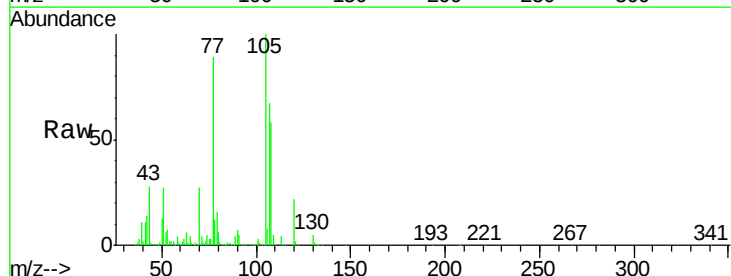


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

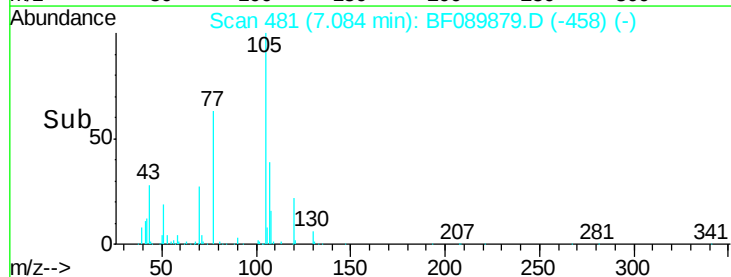
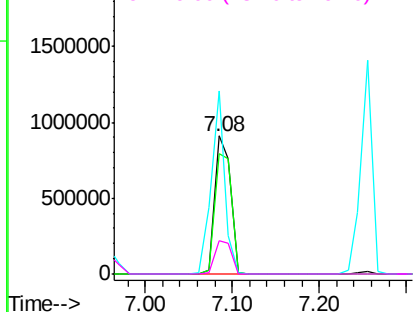


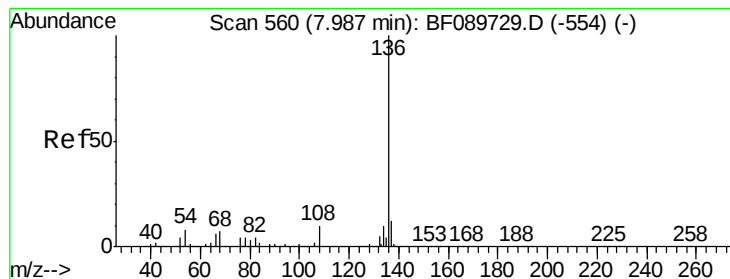
#20
3+4-Methylphenols
Concen: 37.40 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

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. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

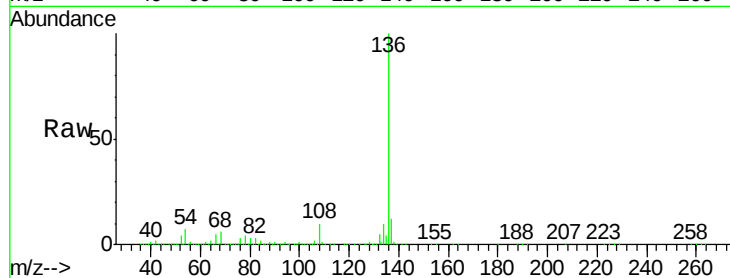
BNA_F

ClientSampleId :

Tot 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

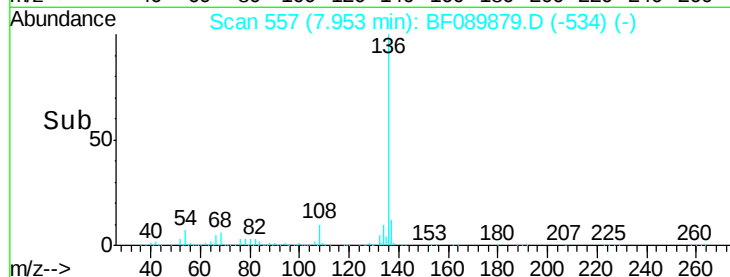


Abundance Ion 136.00 (135.70 to 136.70): E

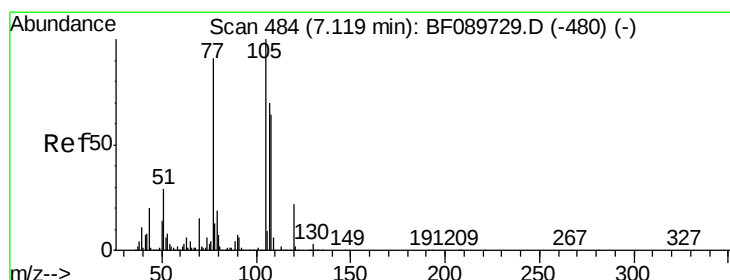
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.37 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

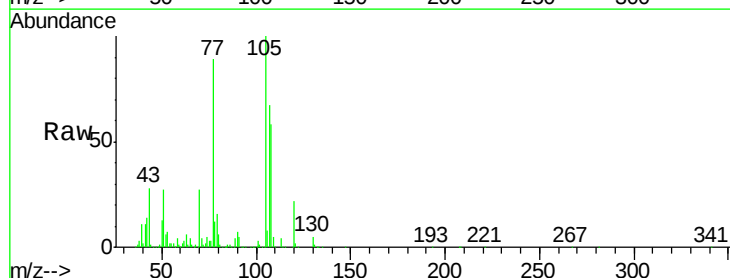
Lab File: BF089879.D

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

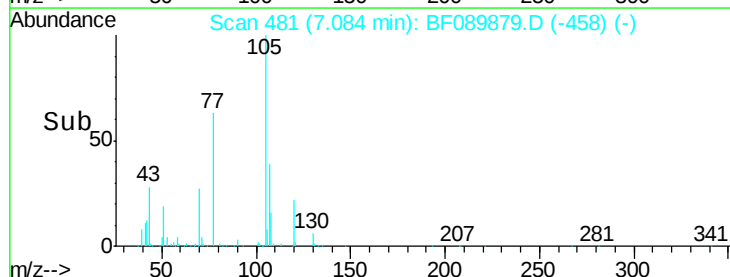


Abundance Ion 105.00 (104.70 to 105.70): E

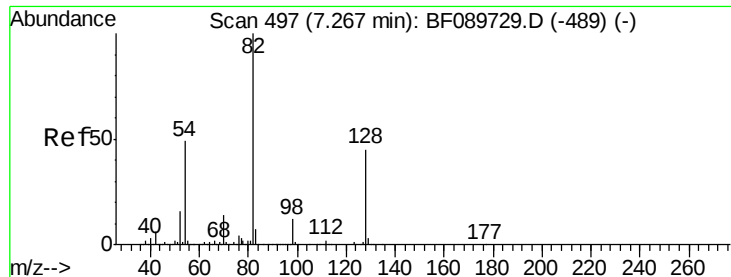
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



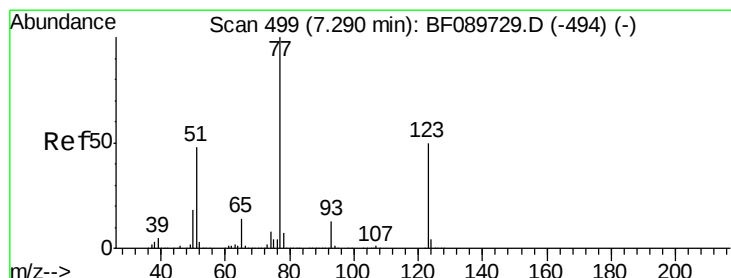
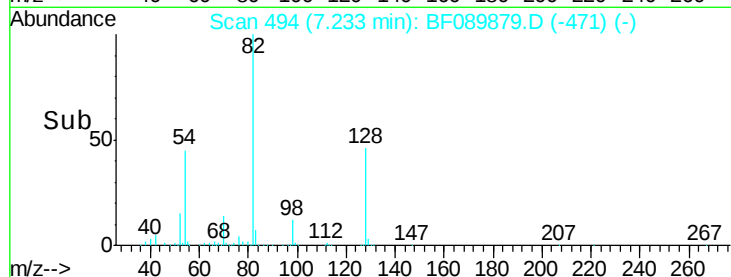
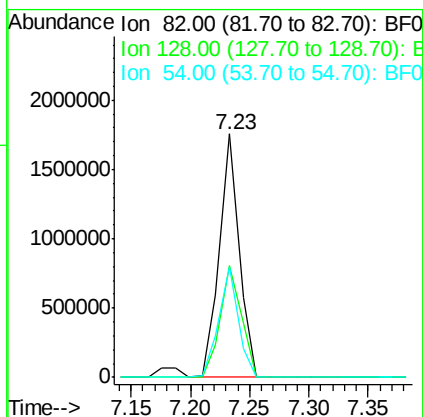
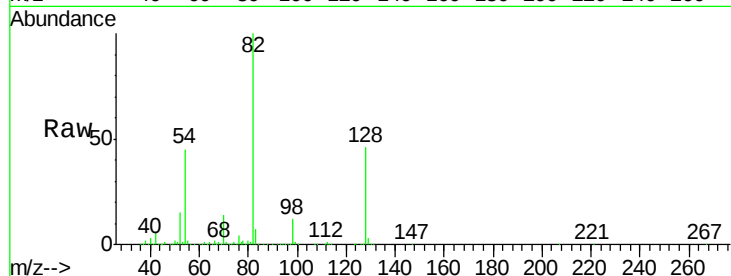
Time-->



#23
 Nitrobenzene-d5
 Concen: 71.14 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.03 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

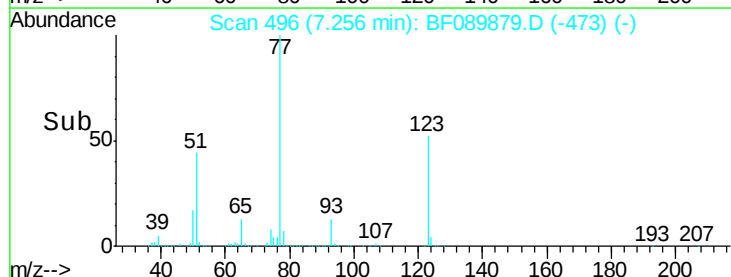
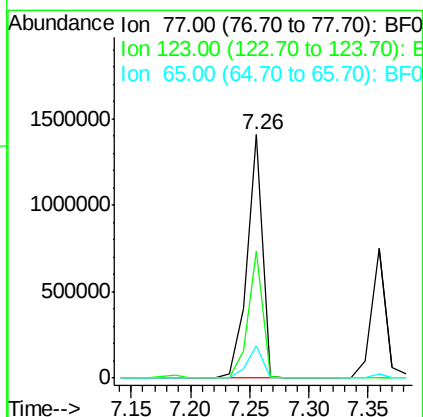
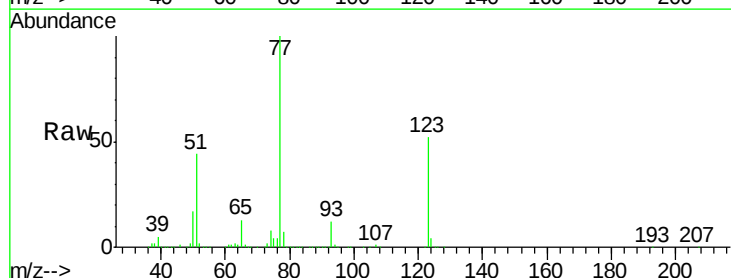
Instrument :
 BNA_F
 ClientSampleId :

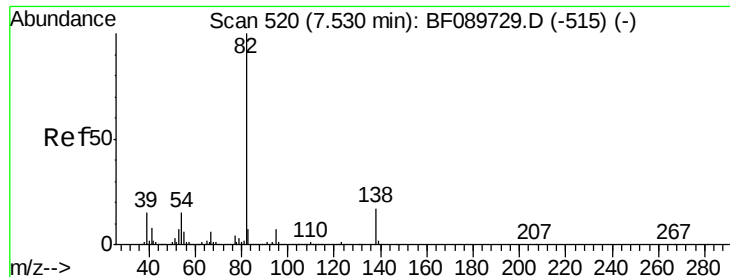
Tot Ion: 82 Resp: 2020819
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.4 51.6
 54 45.5 40.3 60.5



#24
 Nitrobenzene
 Concen: 39.67 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.03 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: 37.02 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

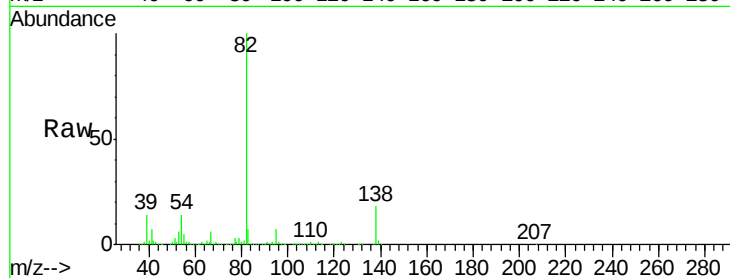
Tot Ion: 82 Resp: 2103870

Ion Ratio Lower Upper

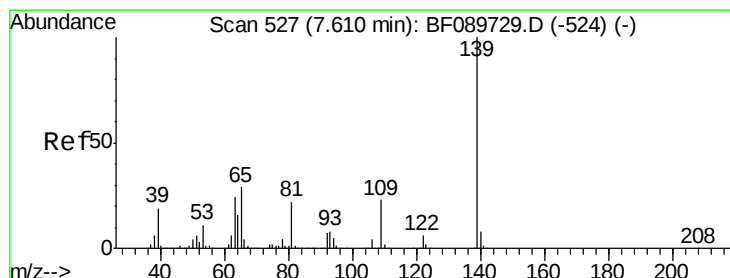
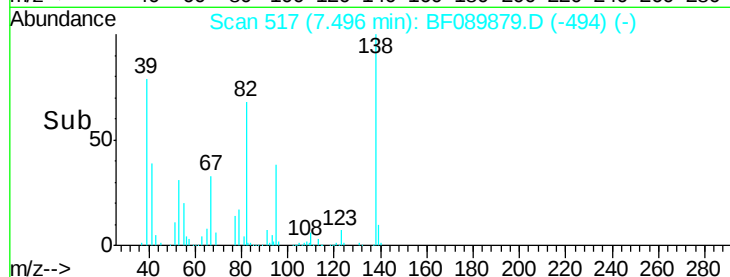
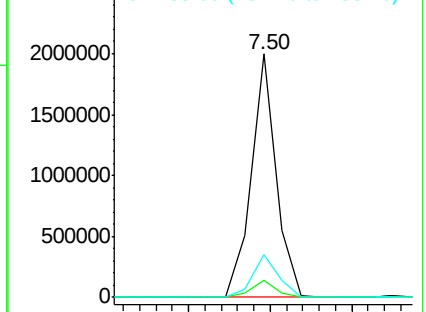
82 100

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: 43.47 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

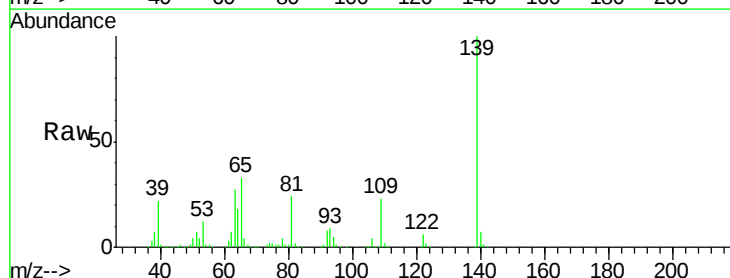
Tgt Ion: 139 Resp: 653583

Ion Ratio Lower Upper

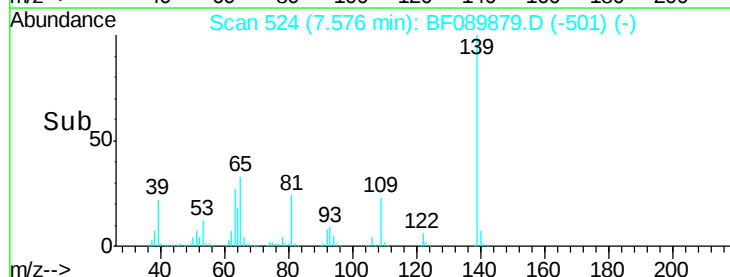
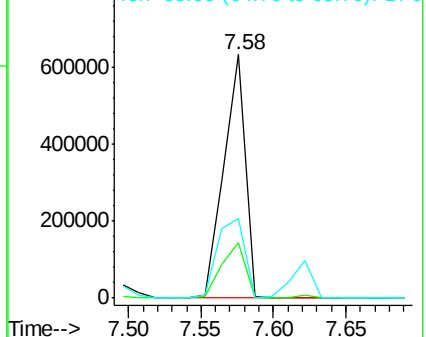
139 100

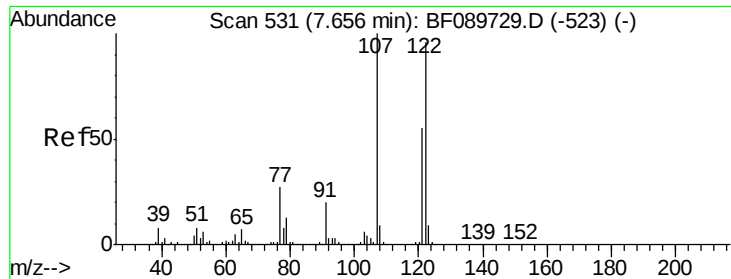
109 22.8 19.5 29.3

65 32.8 26.5 39.7



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





#27

2,4-Dimethylphenol

Concen: 40.18 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

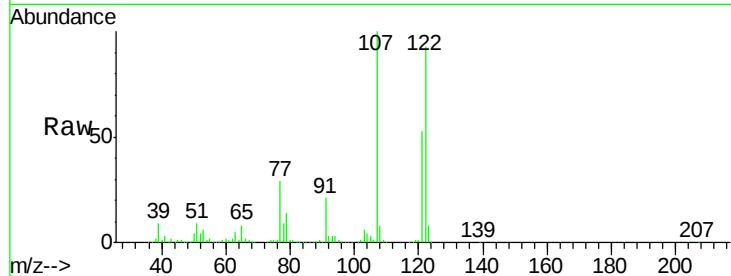
Tot Ion:122 Resp: 1144907

Ion Ratio Lower Upper

122 100

107 107.7 84.8 127.2

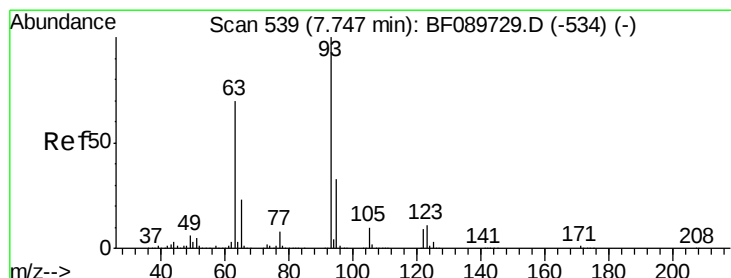
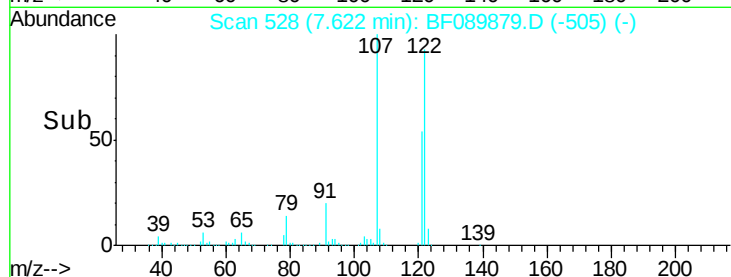
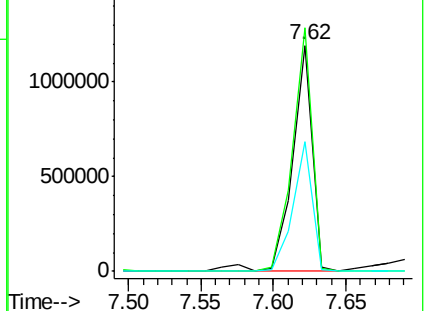
121 57.6 47.0 70.6



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: 37.09 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

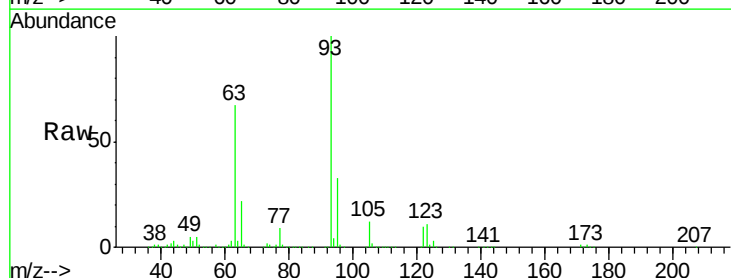
Tgt Ion: 93 Resp: 1281055

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

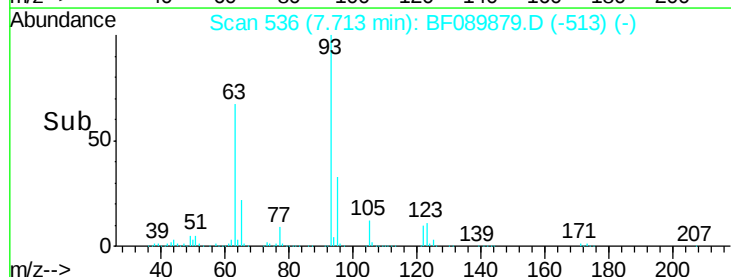
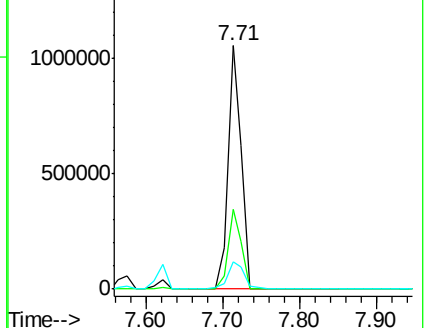
123 11.2 8.5 12.7

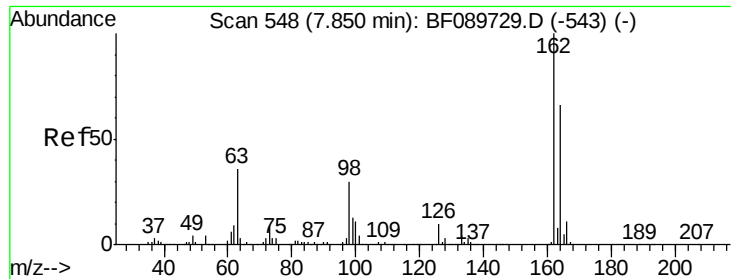


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.90 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampled :

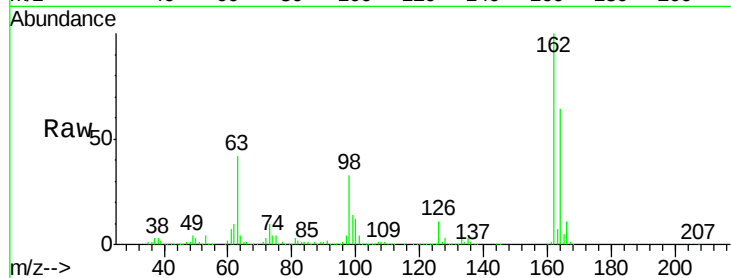
Tot Ion:162 Resp: 1017805

Ion Ratio Lower Upper

162 100

164 64.1 45.5 85.5

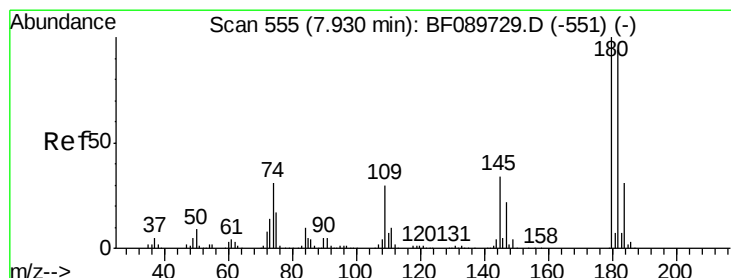
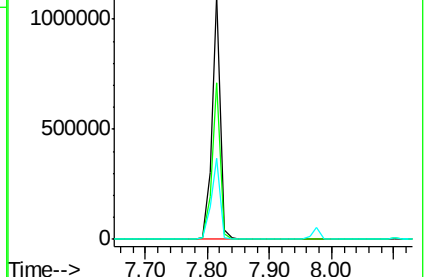
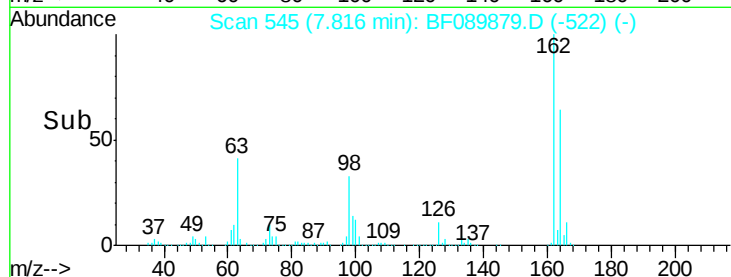
98 33.4 12.4 52.4



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): E



#30

1,2,4-Trichlorobenzene

Concen: 37.36 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

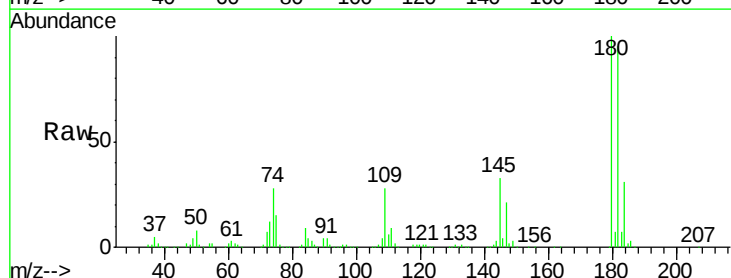
Tgt Ion:180 Resp: 951626

Ion Ratio Lower Upper

180 100

182 95.2 75.5 113.3

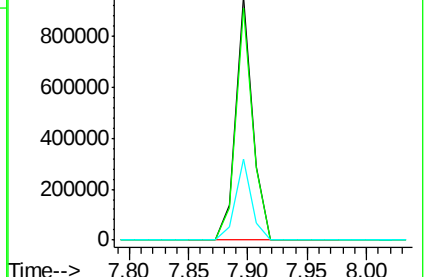
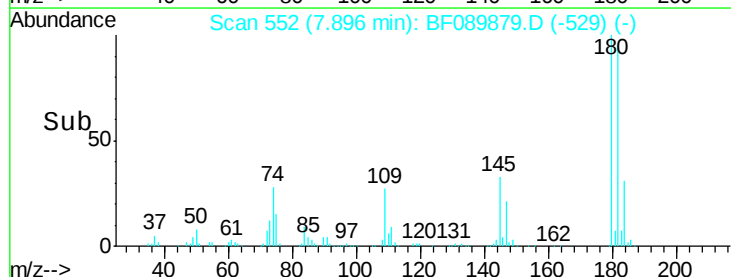
145 33.4 28.7 43.1

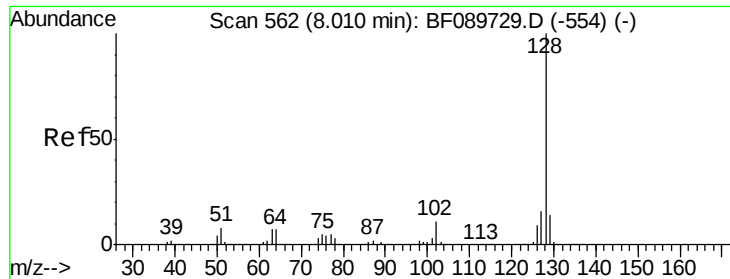


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

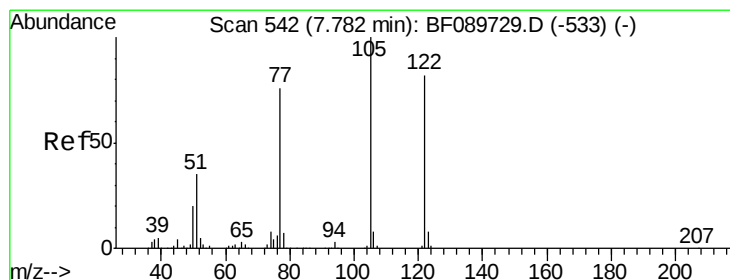
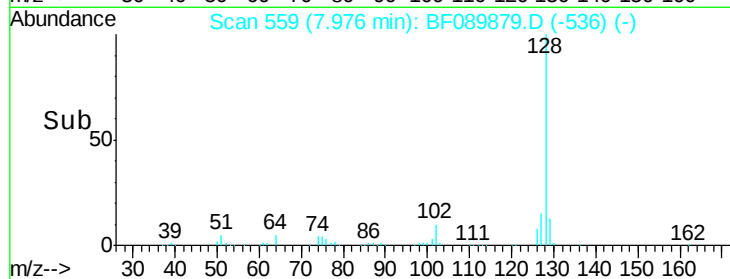
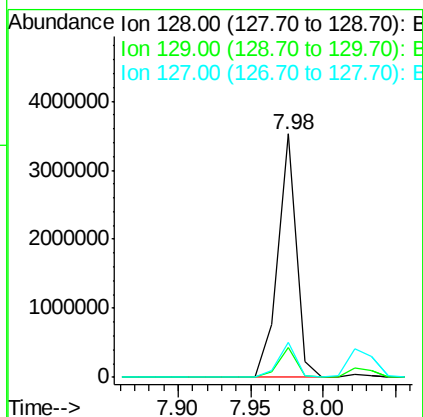
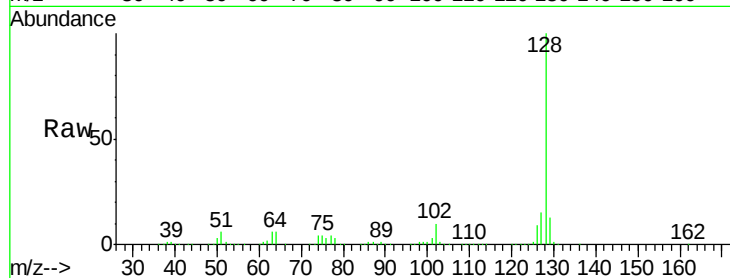




#31
Naphthalene
Concen: 39.94 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

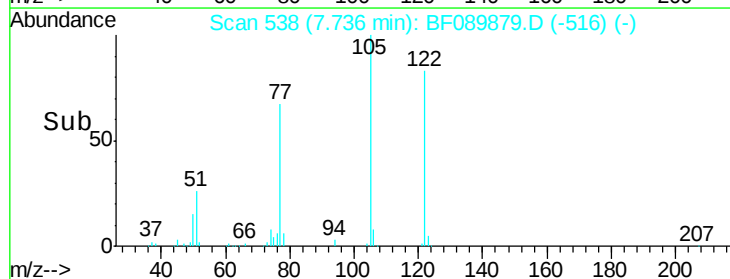
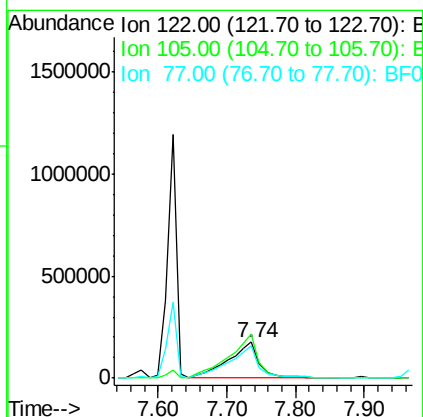
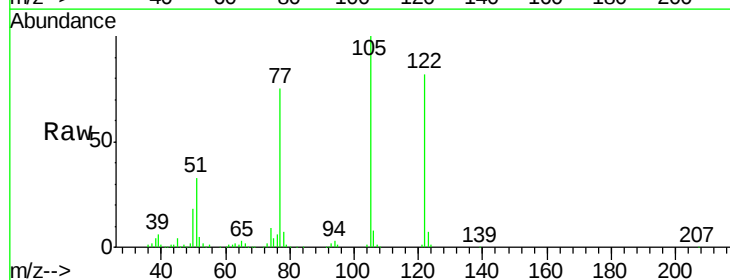
Instrument :
BNA_F
ClientSampleId :

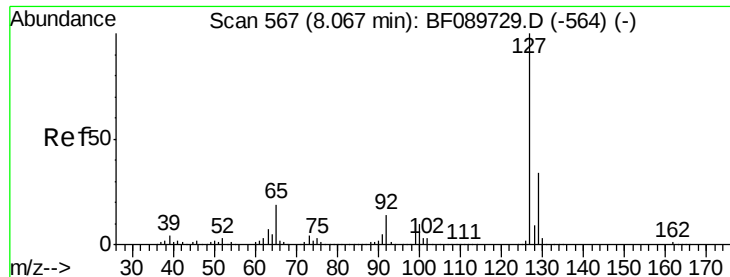
Tot Ion:128 Resp: 3109391
Ion Ratio Lower Upper
128 100
129 12.5 9.5 14.3
127 14.5 11.3 16.9



#32
Benzoic acid
Concen: 24.48 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.05 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

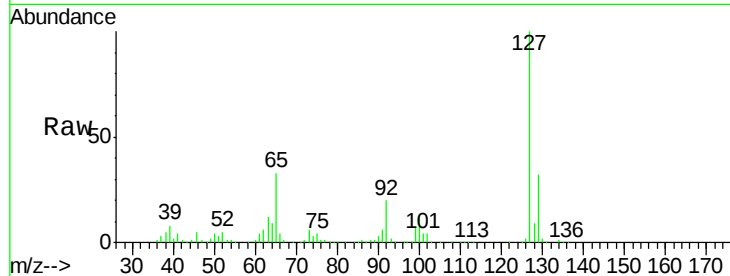




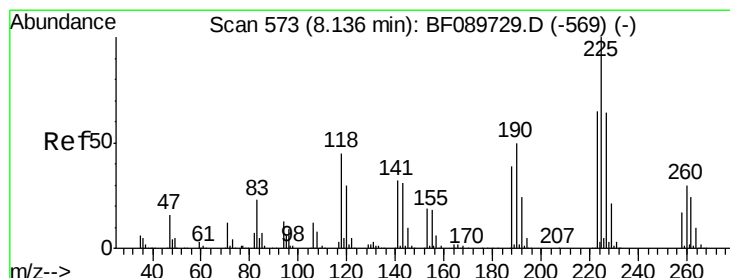
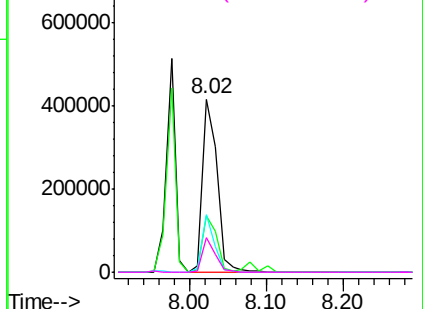
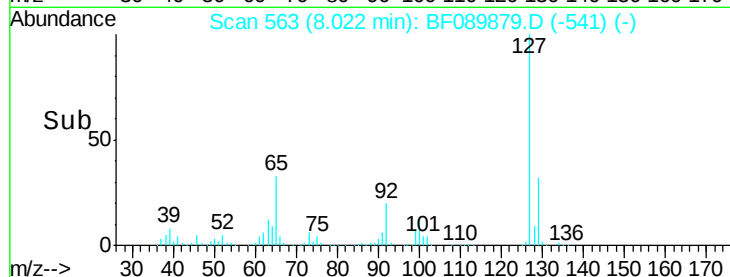
#33
4-Chloroaniline
Concen: 15.08 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :

Tot 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#

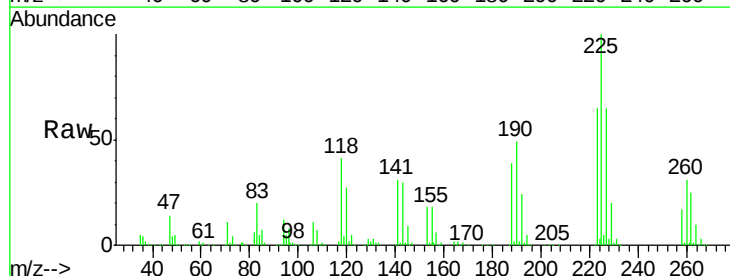


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

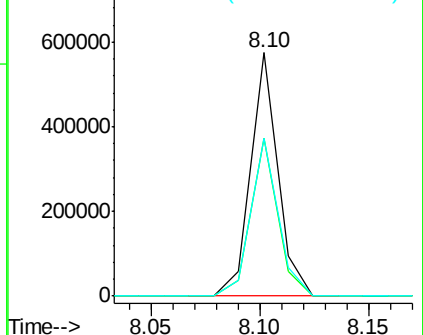
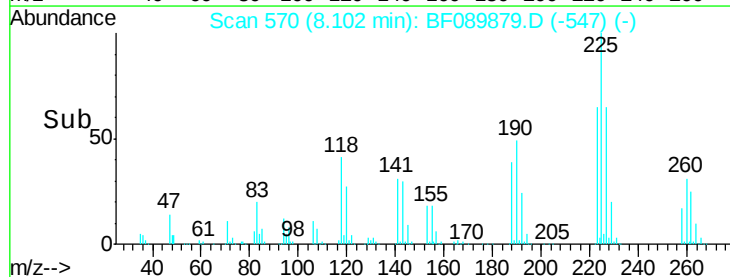


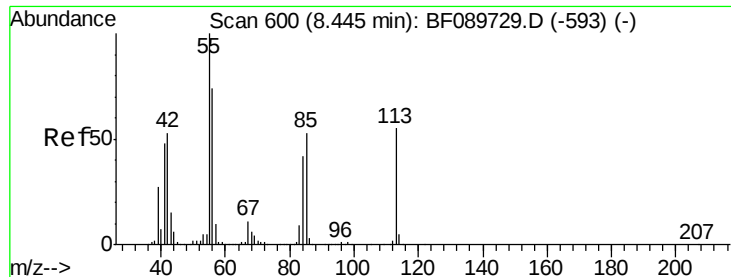
#34
Hexachlorobutadiene
Concen: 37.42 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

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: 30.76 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

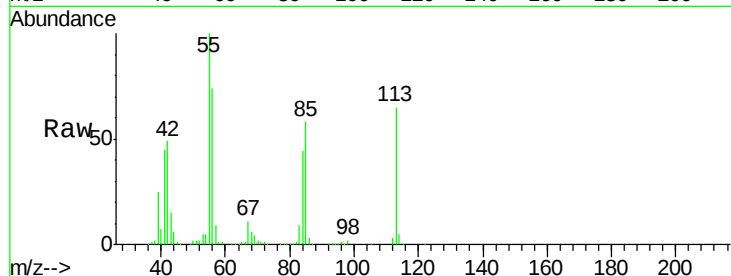
Tot Ion:113 Resp: 224945

Ion Ratio Lower Upper

113 100

55 153.5 135.9 175.9

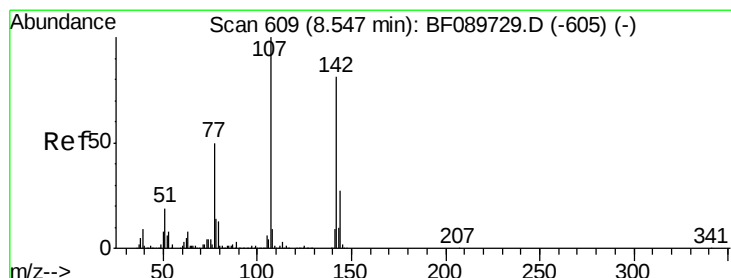
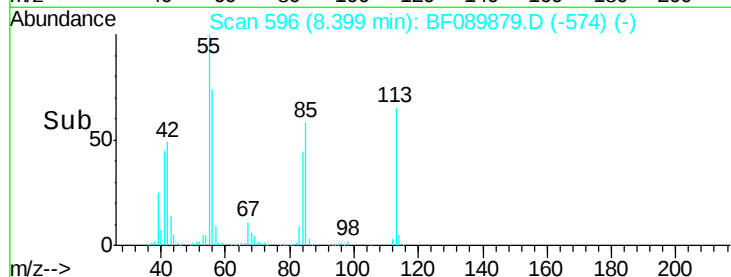
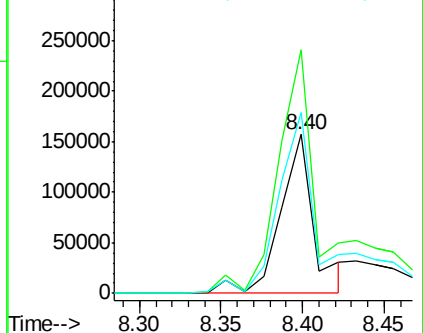
56 114.2 93.9 133.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.04 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

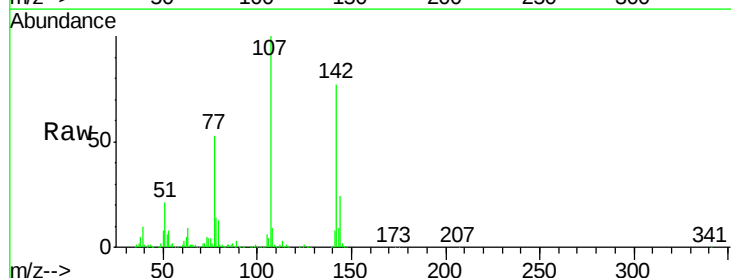
Tgt Ion:107 Resp: 1008251

Ion Ratio Lower Upper

107 100

144 24.5 22.6 34.0

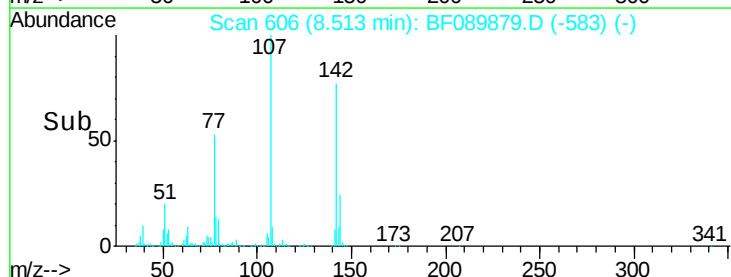
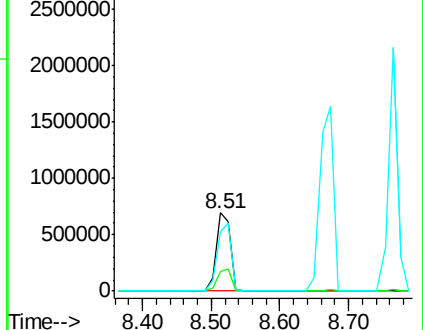
142 76.9 69.3 103.9

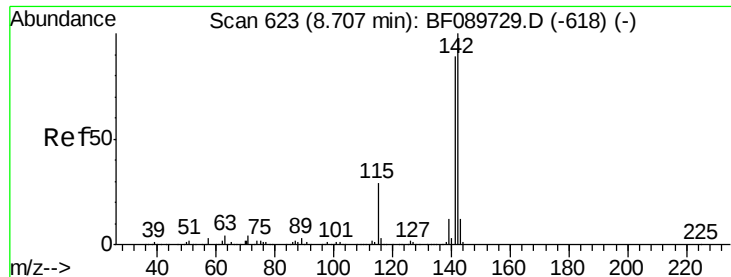


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

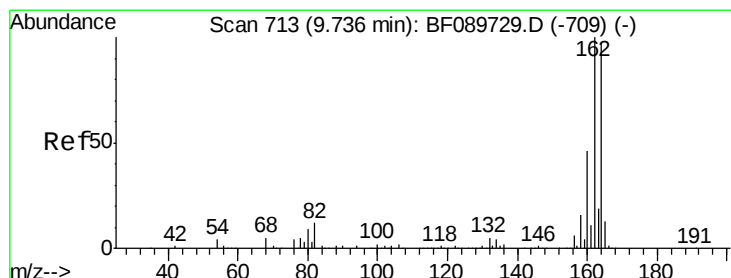
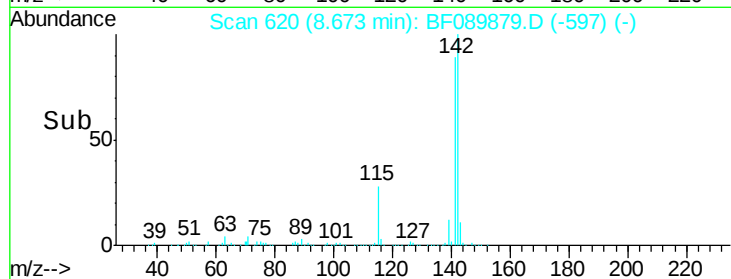
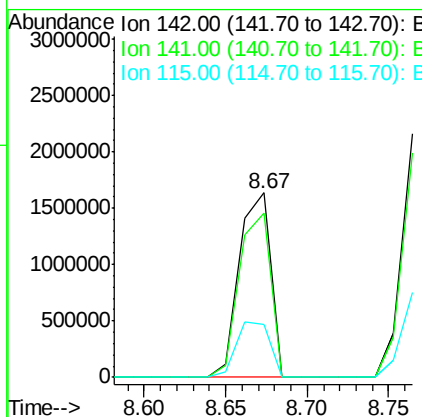
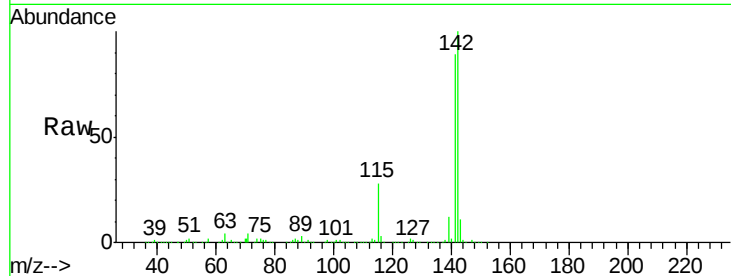




#37
2-Methylnaphthalene
Concen: 41.00 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

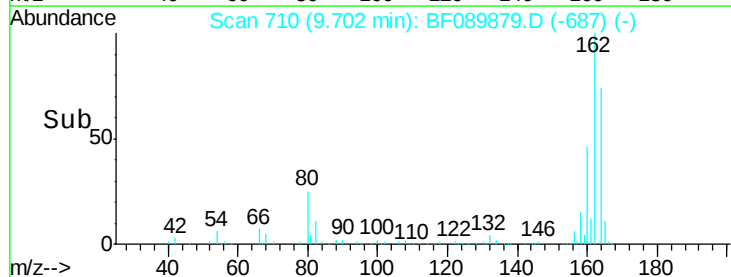
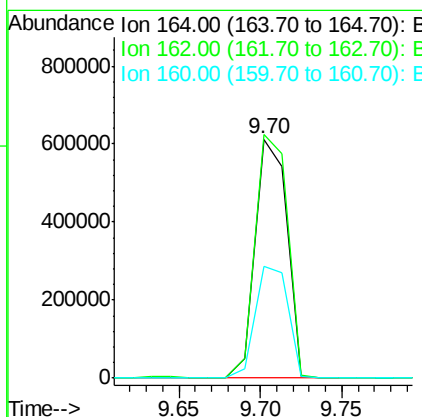
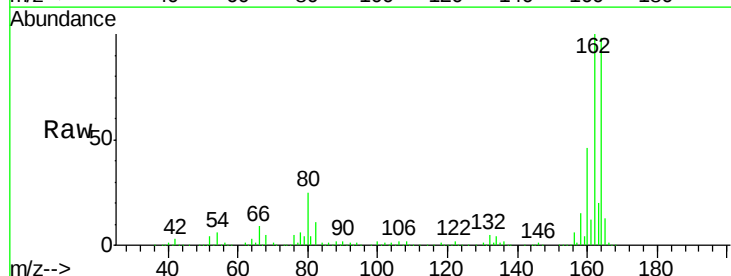
Instrument :
BNA_F
ClientSampleId :

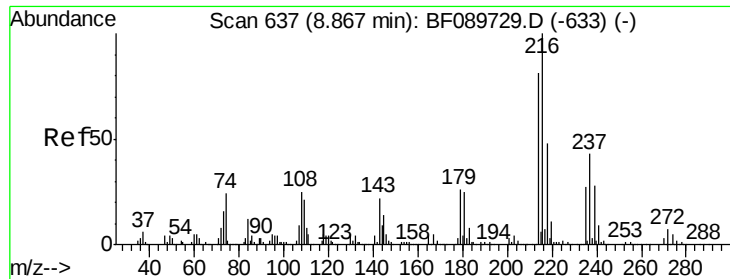
Tot Ion:142 Resp: 2172404
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 28.4 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.03 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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.32 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 729678

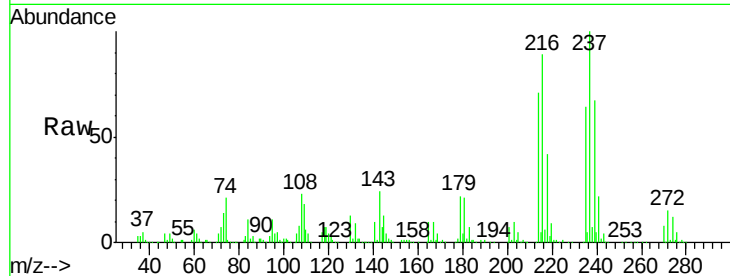
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 22.5 19.9 29.9

108 24.4 19.9 29.9

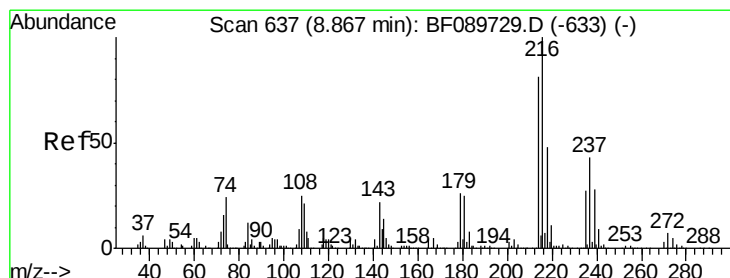
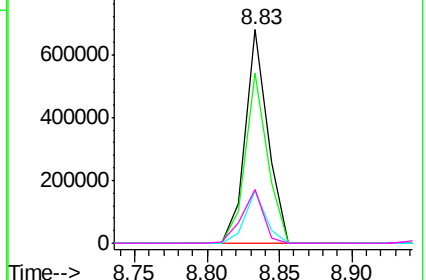
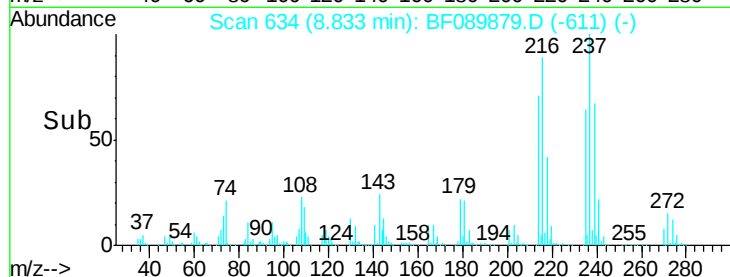


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.22 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

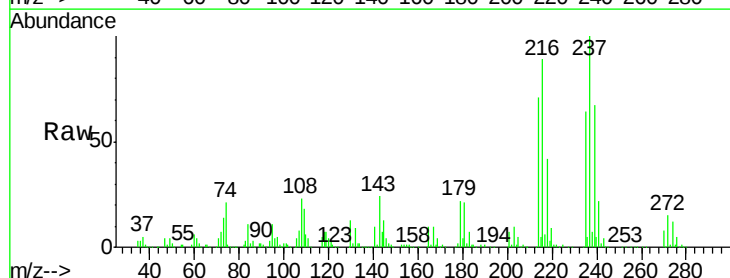
Tgt Ion:237 Resp: 930966

Ion Ratio Lower Upper

237 100

235 63.9 43.7 83.7

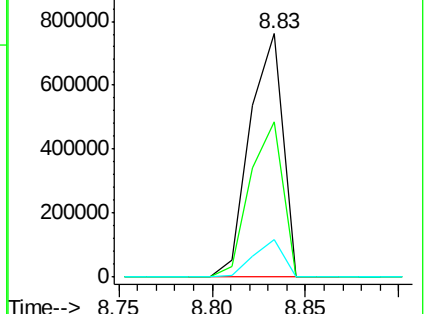
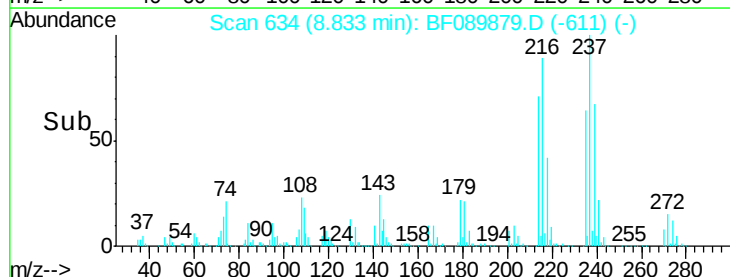
272 15.2 0.0 31.6

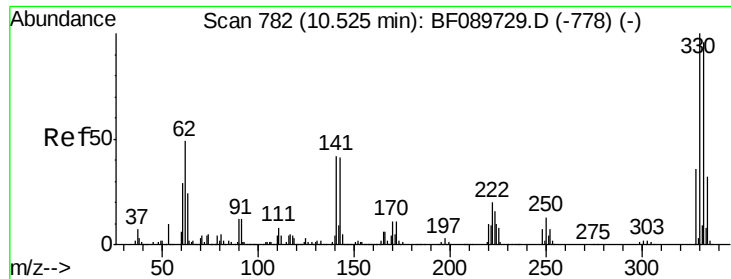


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

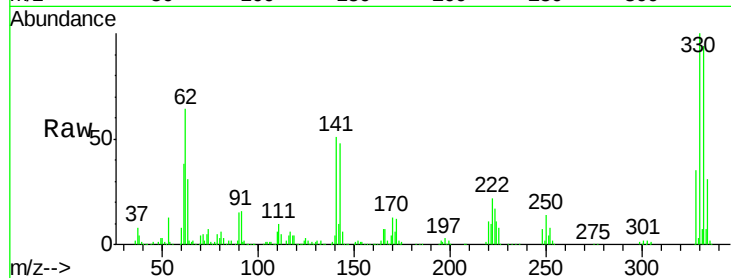




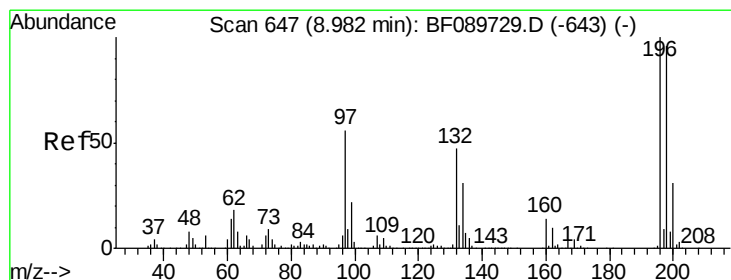
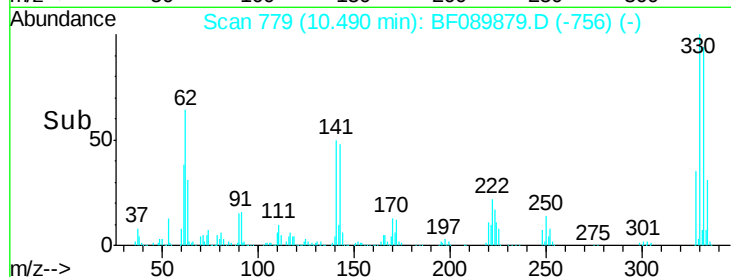
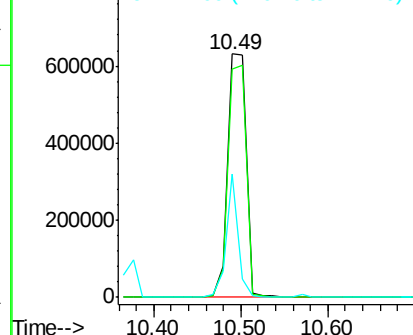
#41
 2,4,6-Tribromophenol
 Concen: 117.10 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

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

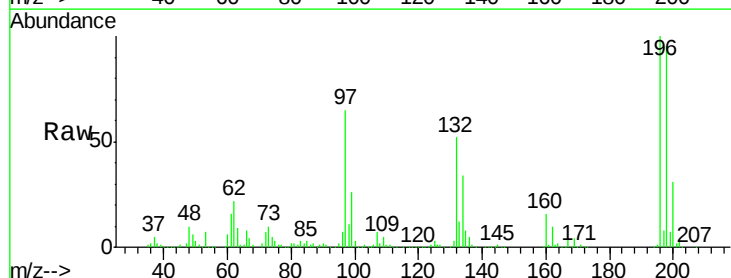


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

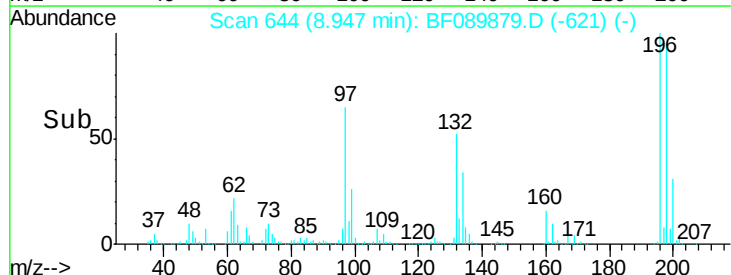
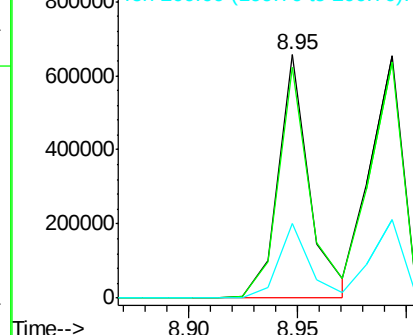


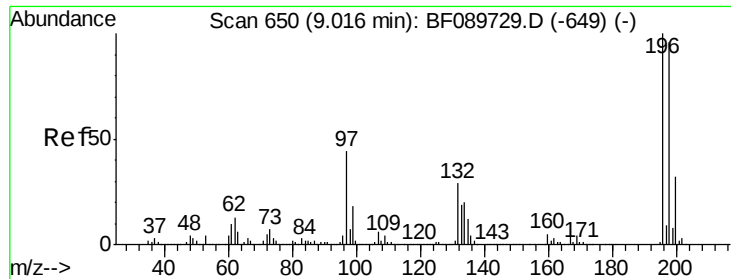
#42
 2,4,6-Trichlorophenol
 Concen: 38.29 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

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

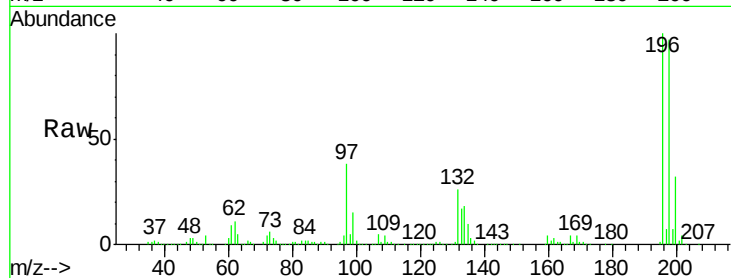




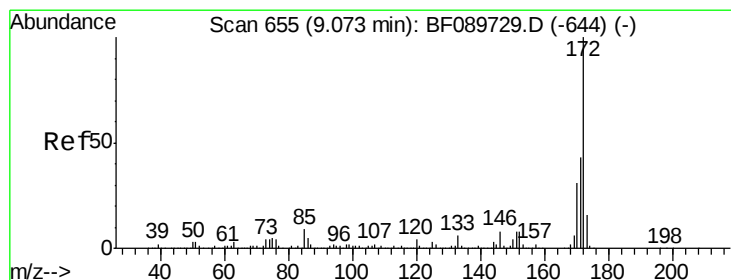
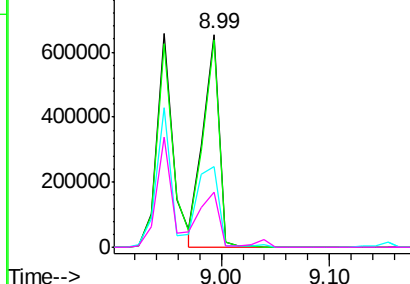
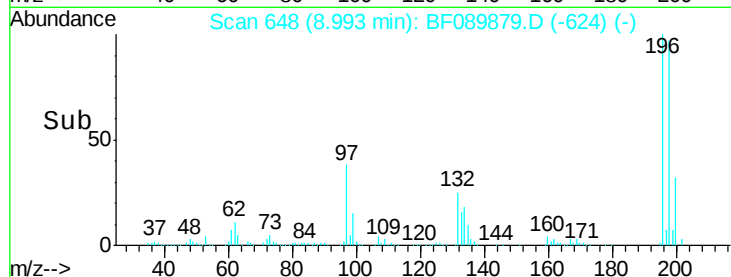
#43
 2,4,5-Trichlorophenol
 Concen: 41.20 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot 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

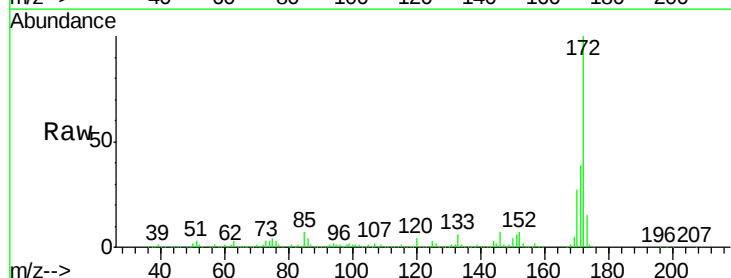


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

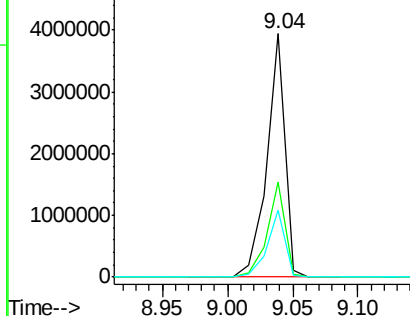
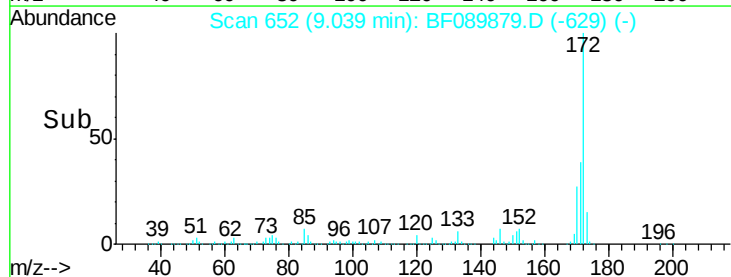


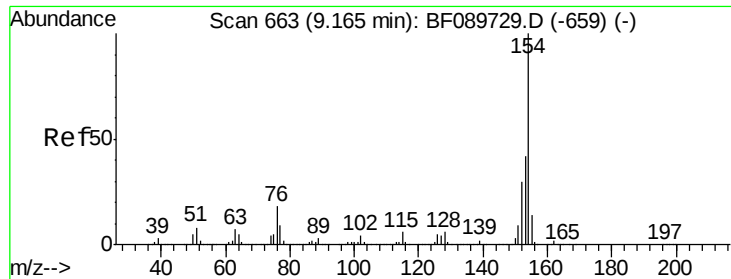
#44
 2-Fluorobiphenyl
 Concen: 73.94 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

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

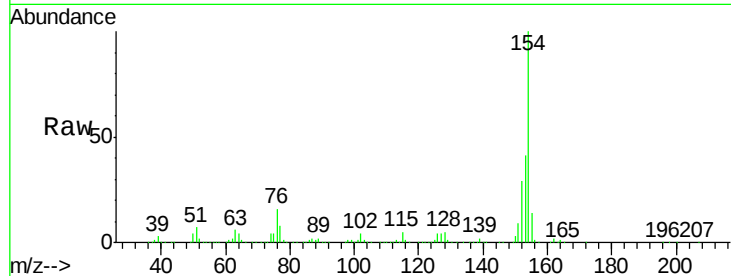




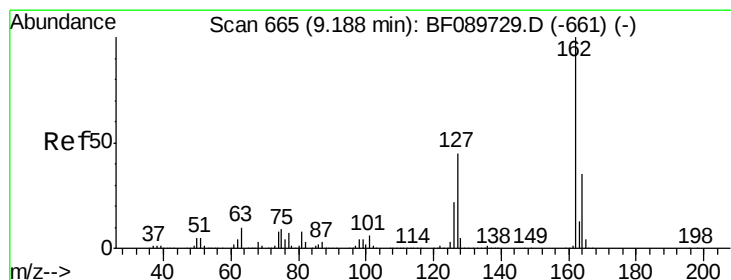
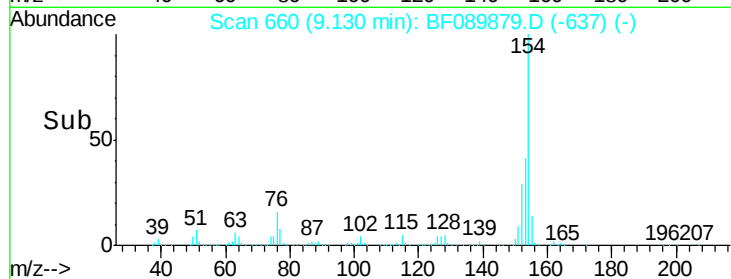
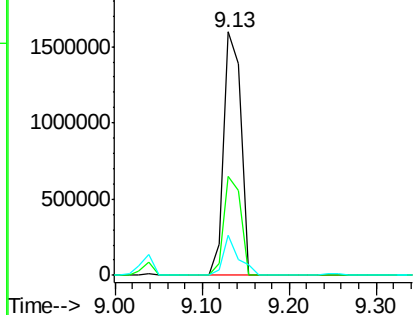
#45
 1,1'-Biphenyl
 Concen: 31.92 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

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

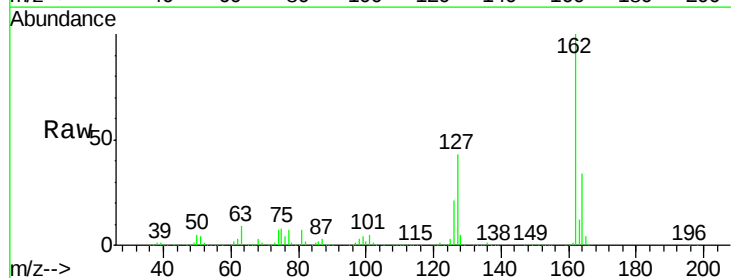


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

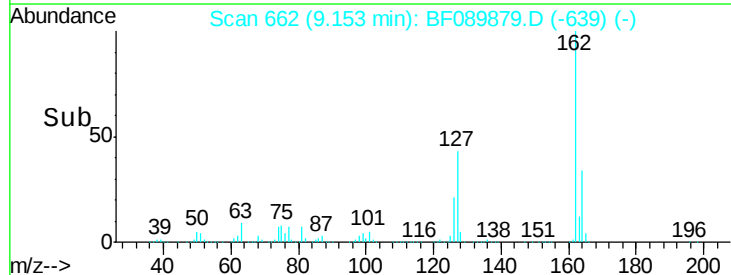
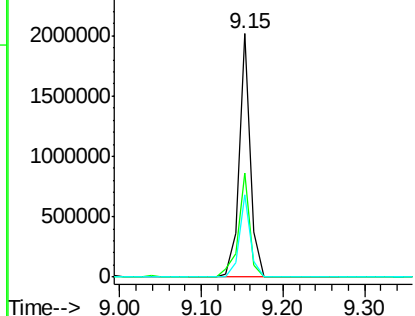


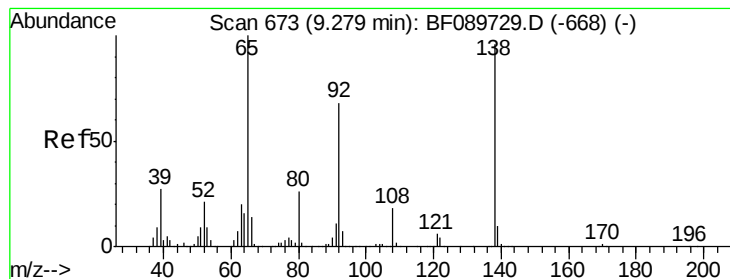
#46
 2-Chloronaphthalene
 Concen: 37.00 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.03 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

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: 41.85 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

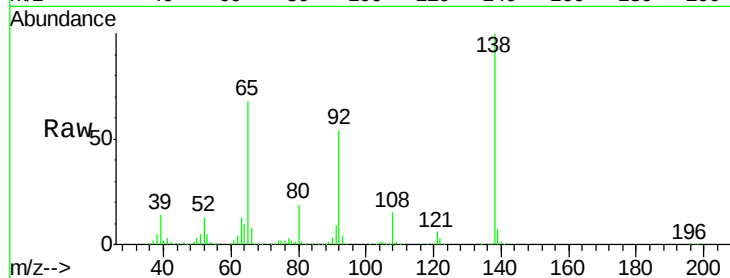
Tot Ion: 65 Resp: 657433

Ion Ratio Lower Upper

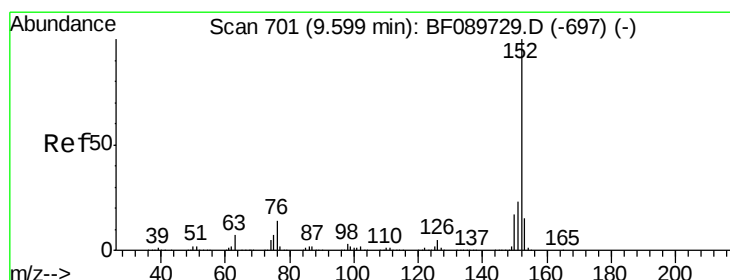
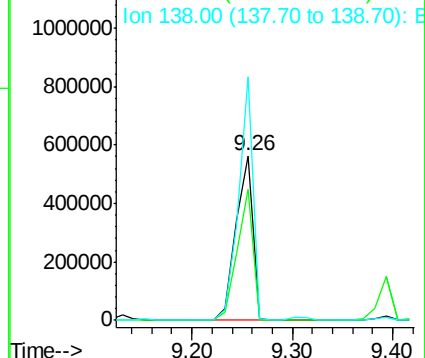
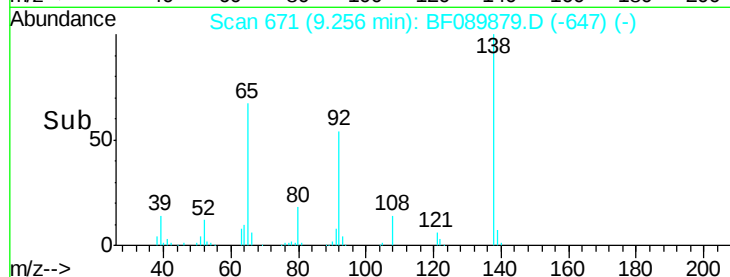
65 100

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: 36.71 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

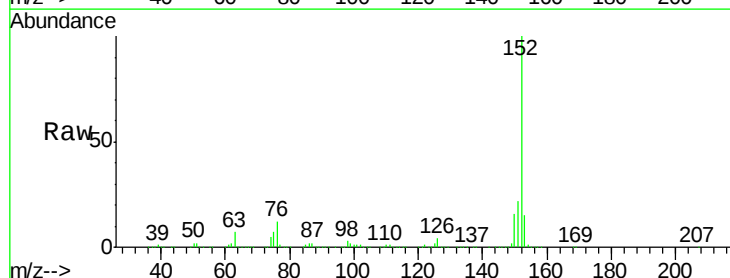
Tgt Ion: 152 Resp: 2913406

Ion Ratio Lower Upper

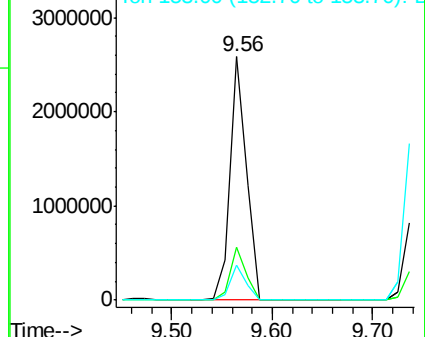
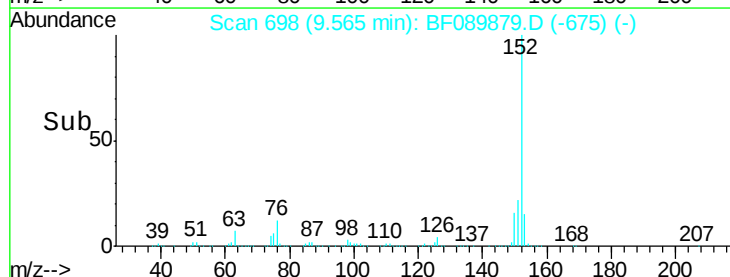
152 100

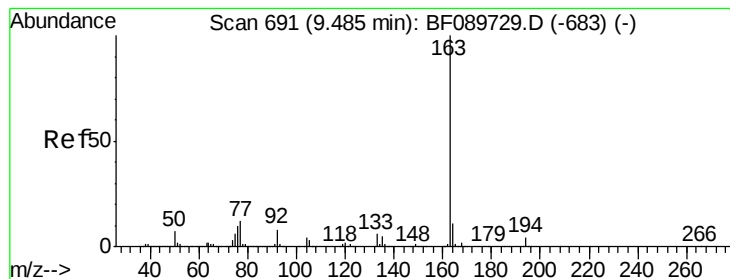
151 21.5 17.1 25.7

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: 38.95 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

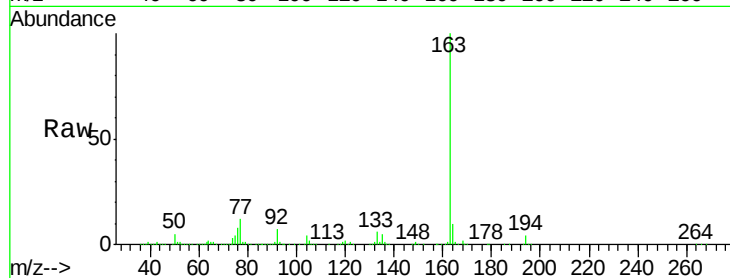
Tot Ion:163 Resp: 2341558

Ion Ratio Lower Upper

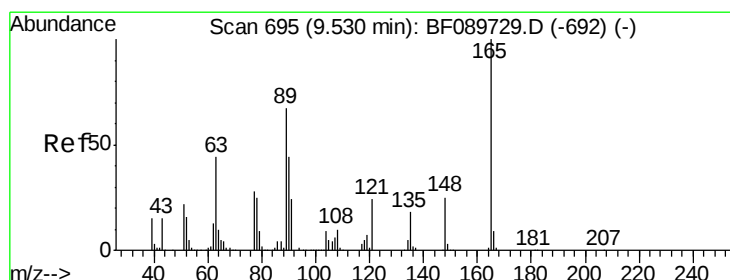
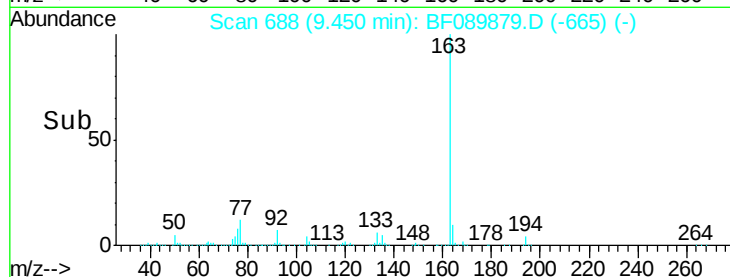
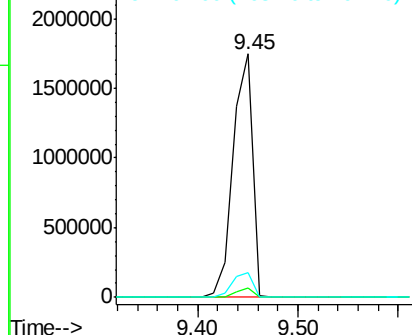
163 100

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: 35.79 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

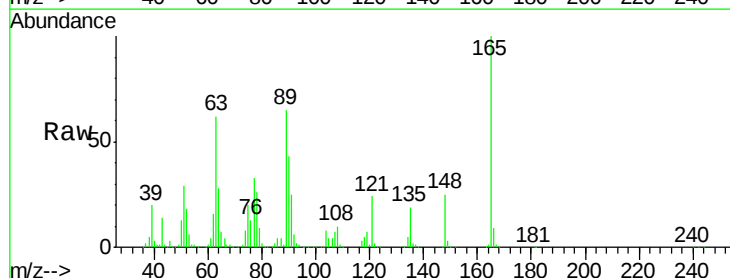
Tgt Ion:165 Resp: 486865

Ion Ratio Lower Upper

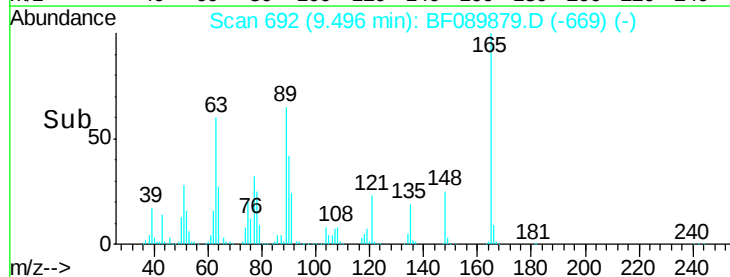
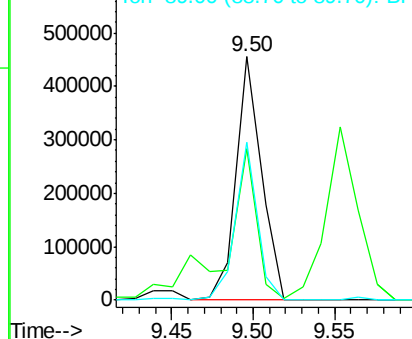
165 100

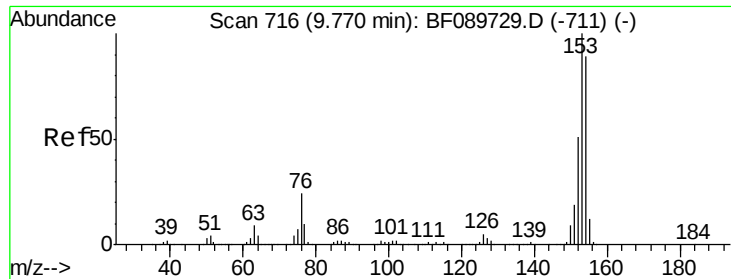
63 62.1 41.7 62.5

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: 40.27 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

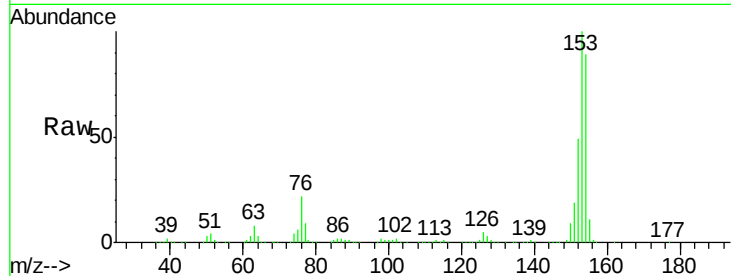
Tot Ion:154 Resp: 2156747

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

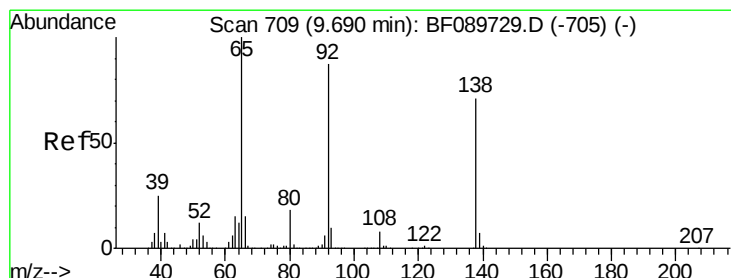
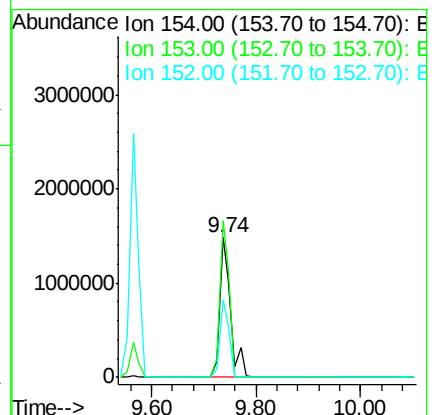
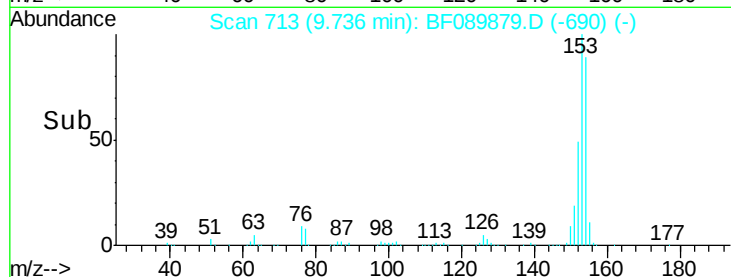
152 55.2 44.6 67.0



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: 21.50 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

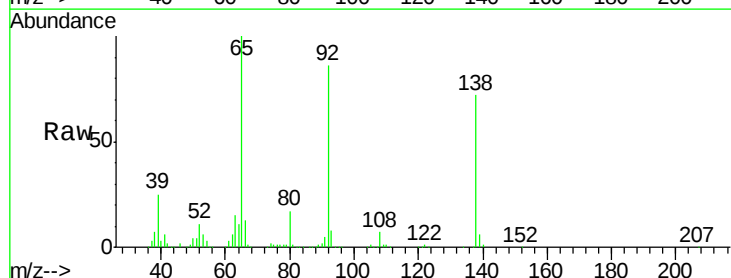
Tgt Ion:138 Resp: 340113

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

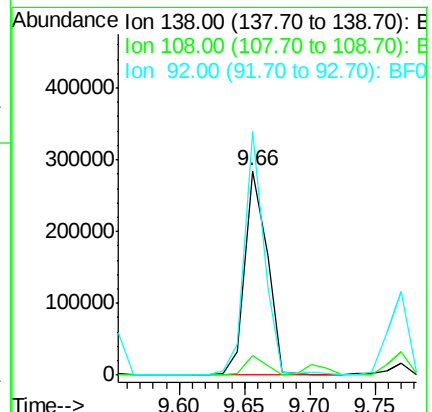
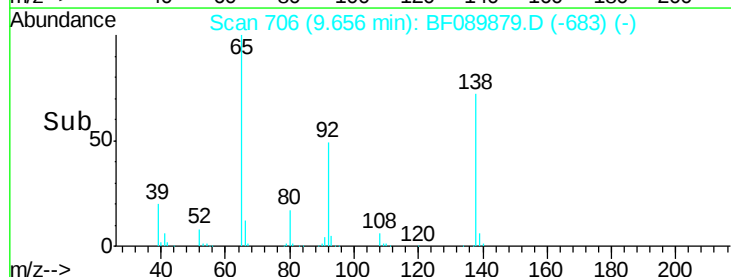
92 119.1 92.7 139.1

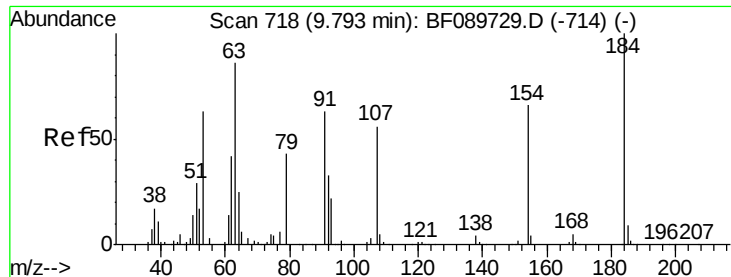


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

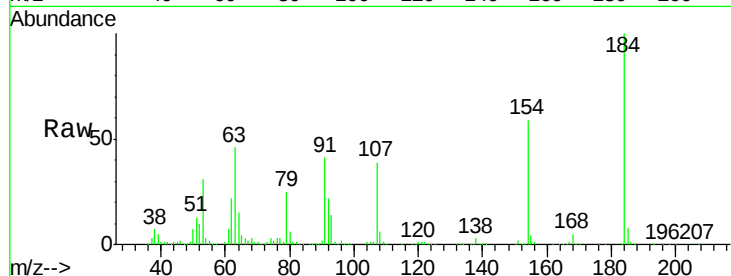




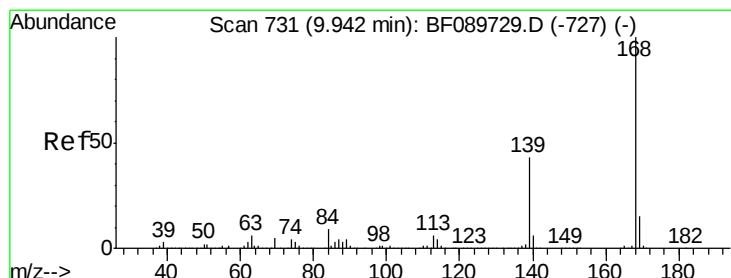
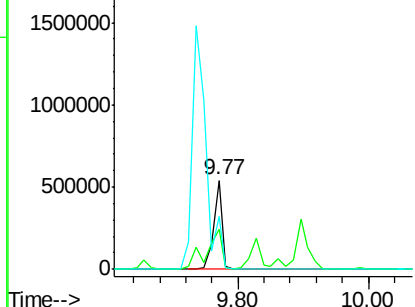
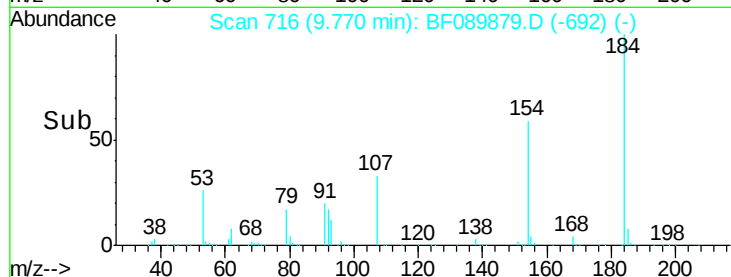
#53
2,4-Dinitrophenol
Concen: 82.77 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Instrument :
BNA_F
ClientSampled :

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

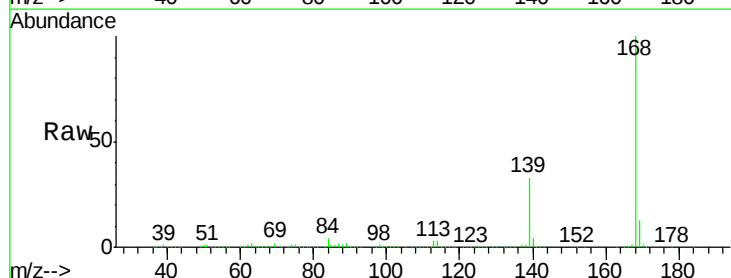


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

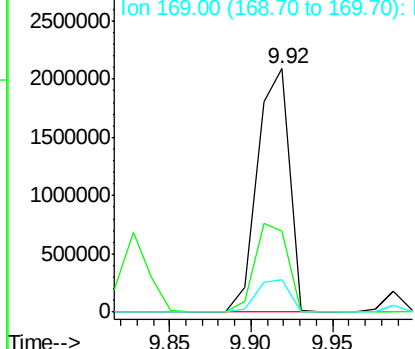
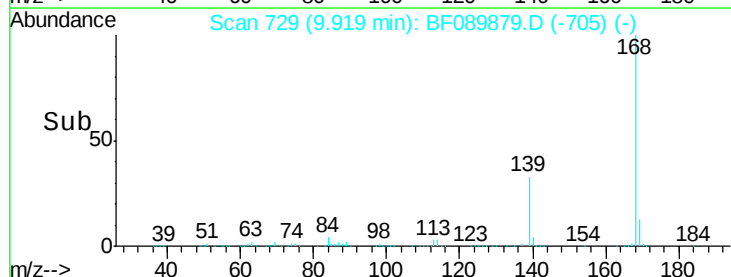


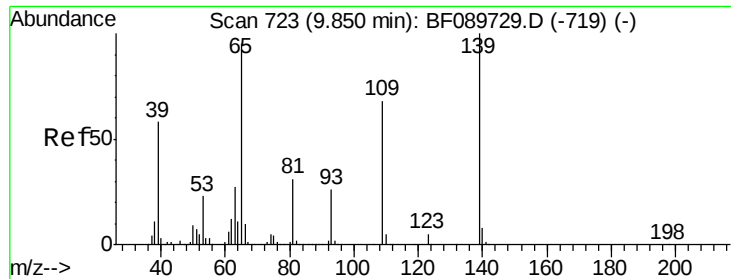
#54
Dibenzofuran
Concen: 42.95 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

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

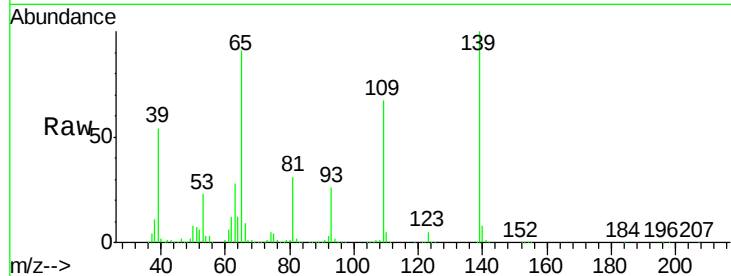




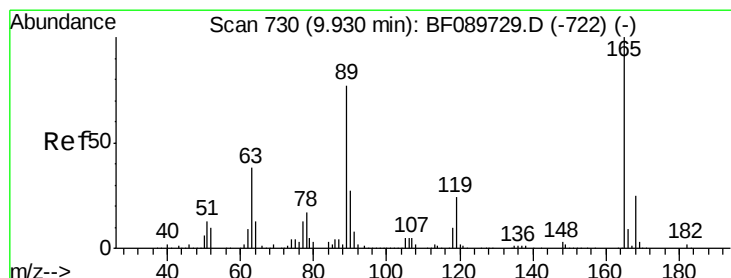
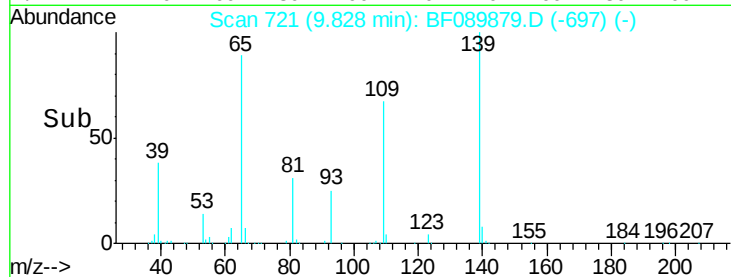
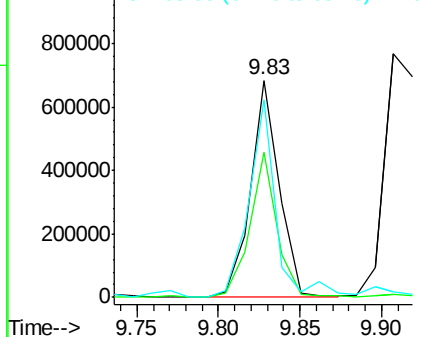
#55
4-Nitrophenol
Concen: 68.76 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

Instrument :
BNA_F
ClientSampled :

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

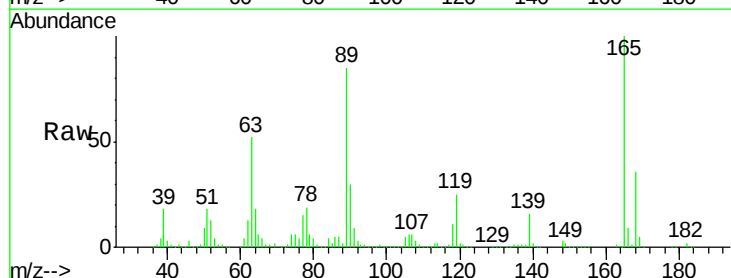


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

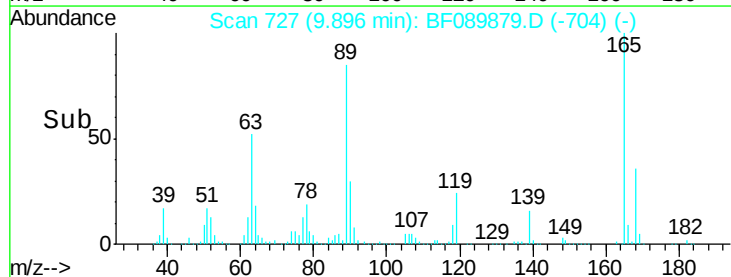
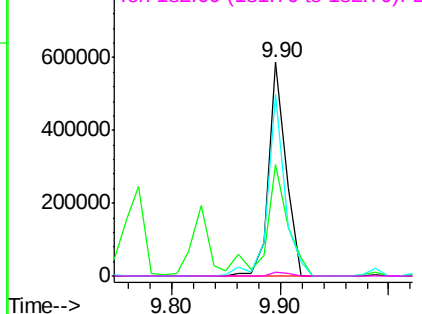


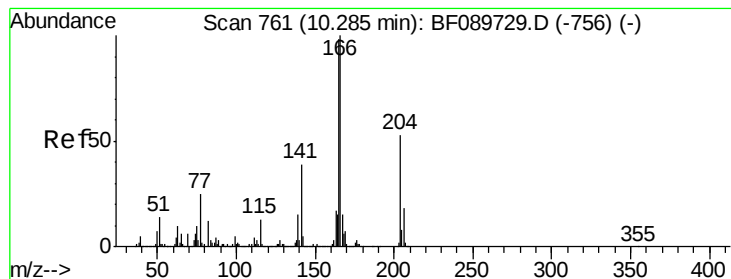
#56
2,4-Dinitrotoluene
Concen: 36.83 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

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#



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.83 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

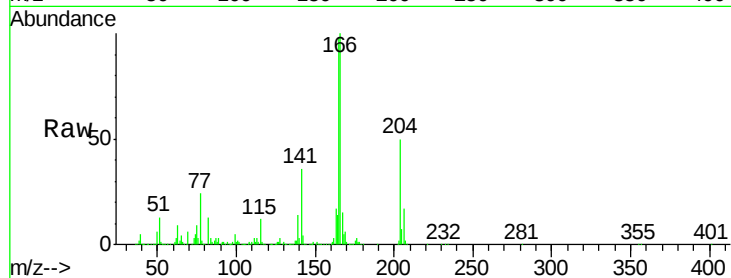
Tot Ion:166 Resp: 1961023

Ion Ratio Lower Upper

166 100

165 98.2 80.2 120.4

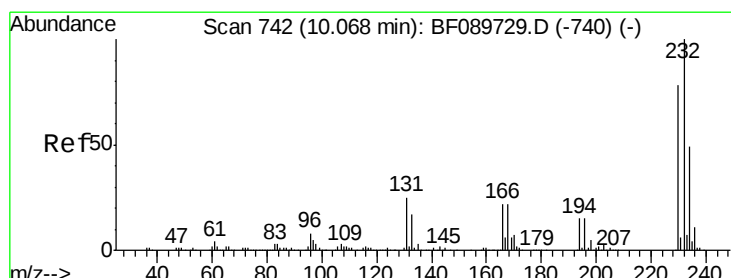
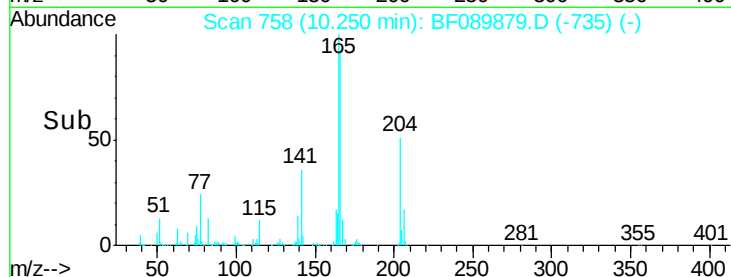
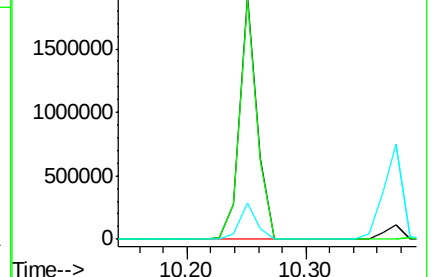
167 14.7 11.3 16.9



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: 44.86 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Tgt Ion:232 Resp: 576340

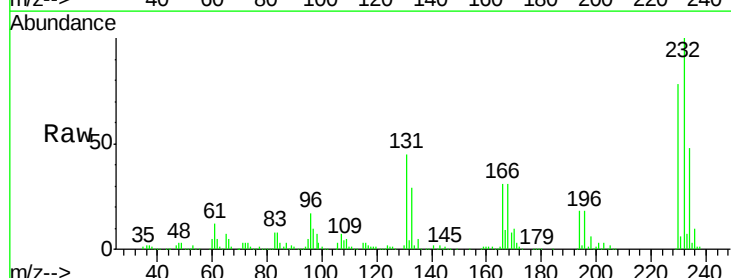
Ion Ratio Lower Upper

232 100

131 51.0 42.5 63.7

130 2.3 2.2 3.4

166 33.0 27.3 40.9

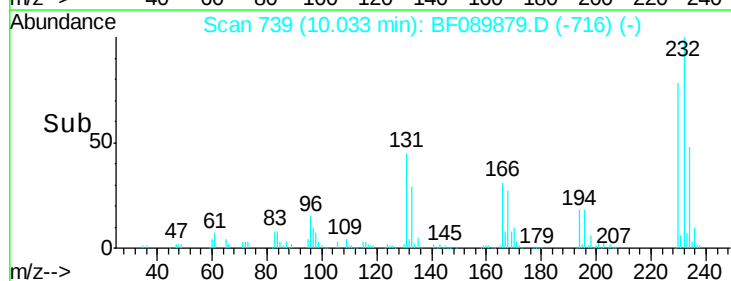
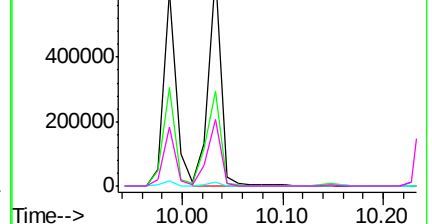


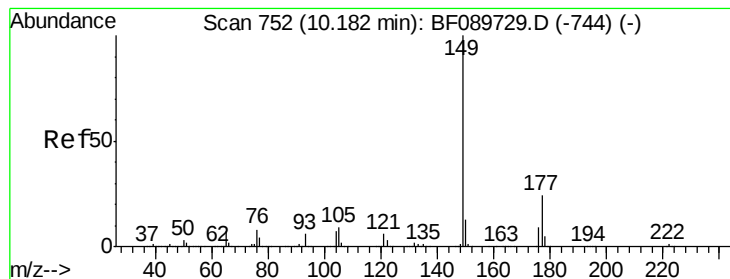
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.89 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

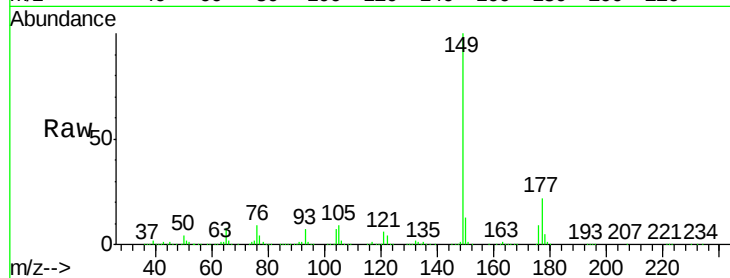
Tot Ion:149 Resp: 2431285

Ion Ratio Lower Upper

149 100

177 22.5 16.6 25.0

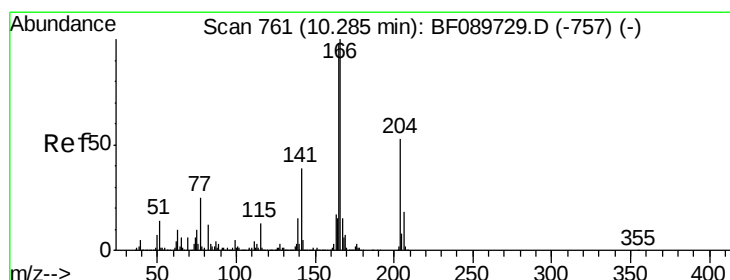
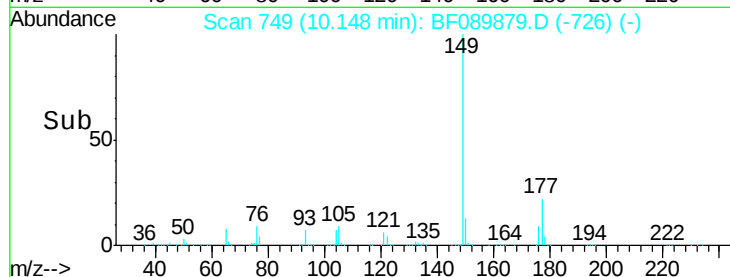
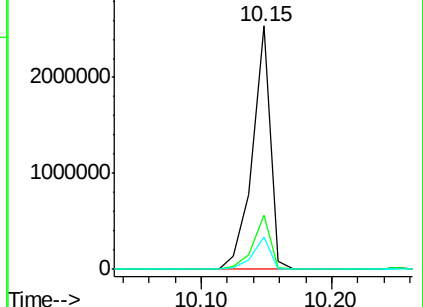
150 13.2 10.5 15.7



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: 33.55 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

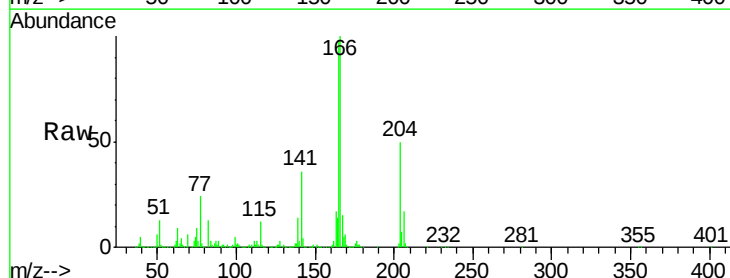
Tgt Ion:204 Resp: 877104

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

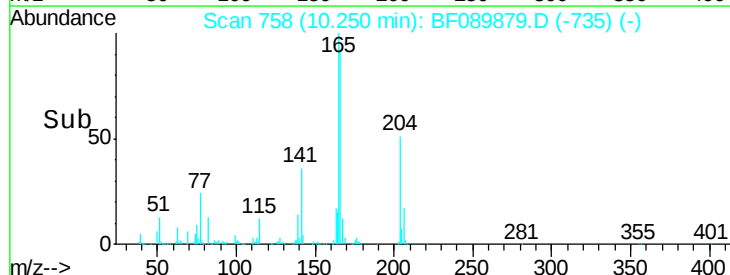
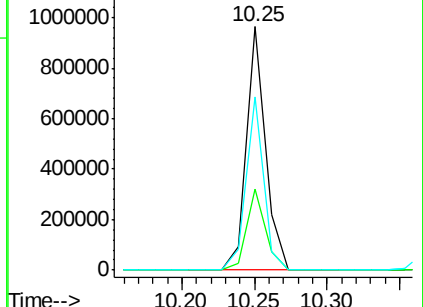
141 71.3 54.1 81.1

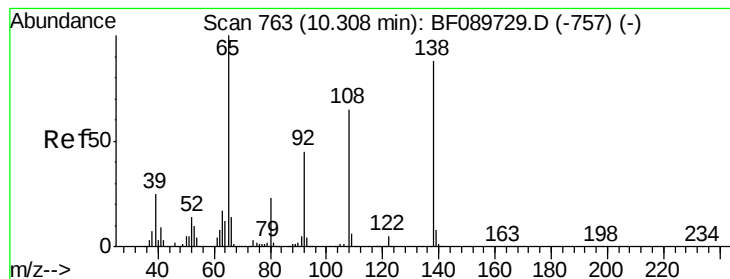


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.52 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampled :

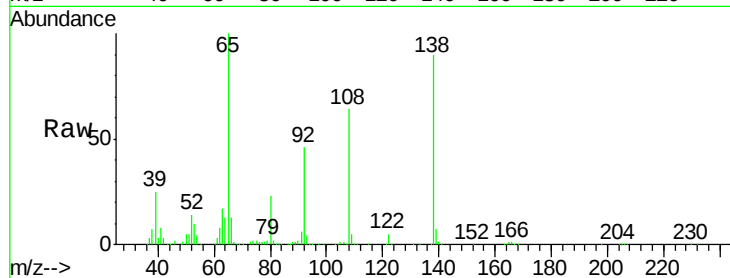
Tot Ion:138 Resp: 530227

Ion Ratio Lower Upper

138 100

92 51.1 26.4 66.4

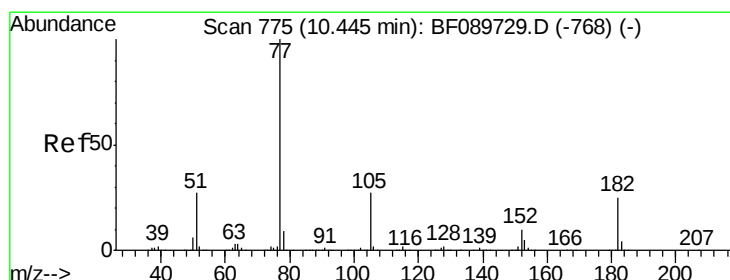
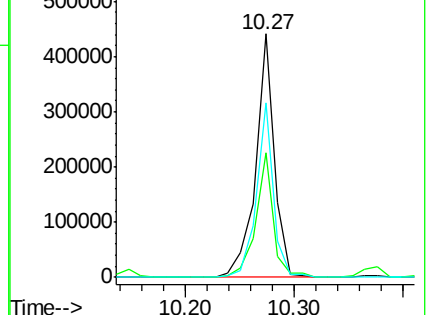
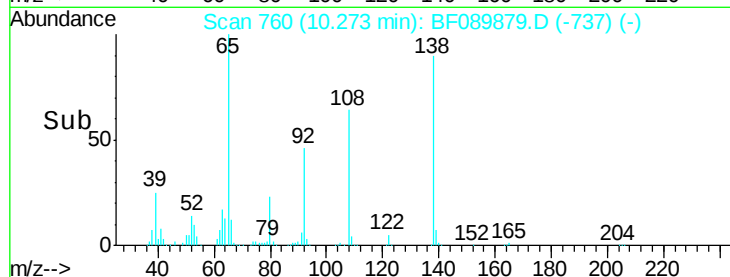
108 71.4 47.0 87.0



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: 43.13 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Tgt Ion: 77 Resp: 2483700

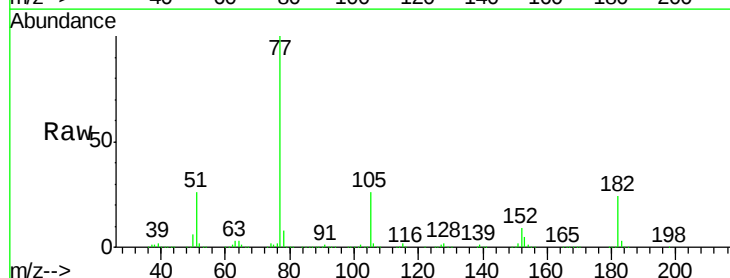
Ion Ratio Lower Upper

77 100

182 23.6 5.6 45.6

105 26.0 4.0 44.0

51 26.3 7.8 47.8

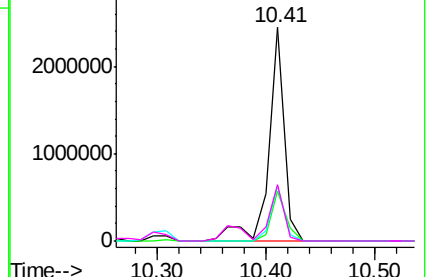
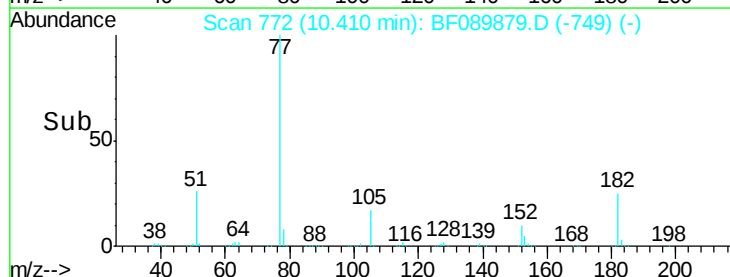


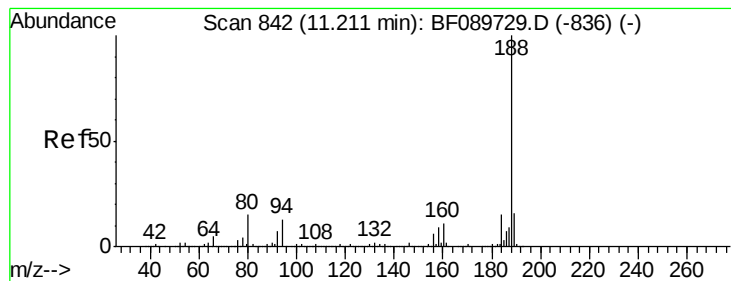
Abundance Ion 77.00 (76.70 to 77.70): BF0

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. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

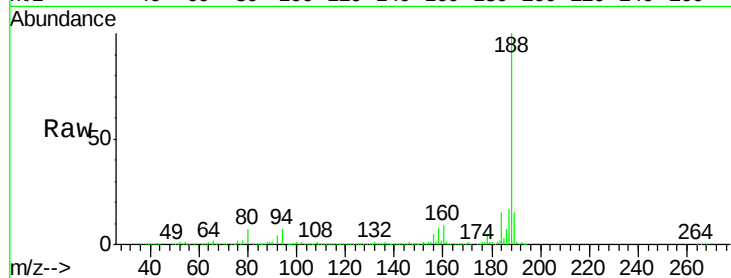
Tot Ion:188 Resp: 1512648

Ion Ratio Lower Upper

188 100

94 7.3 10.2 15.2#

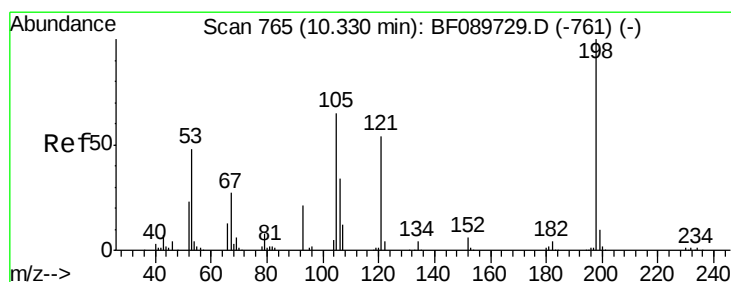
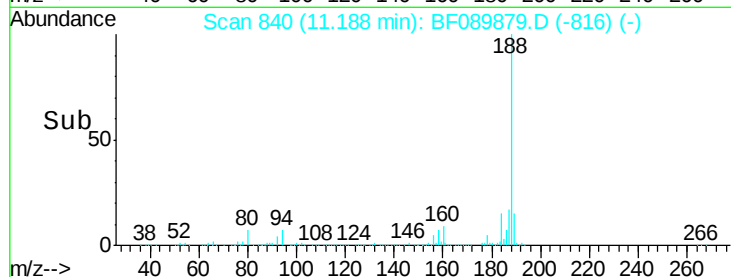
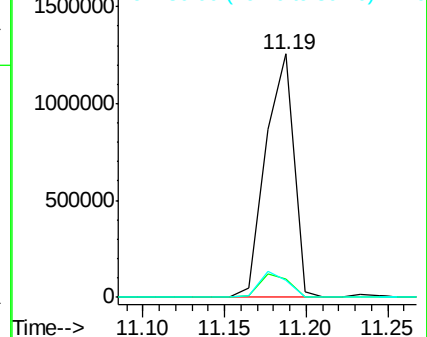
80 7.2 10.9 16.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.29 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

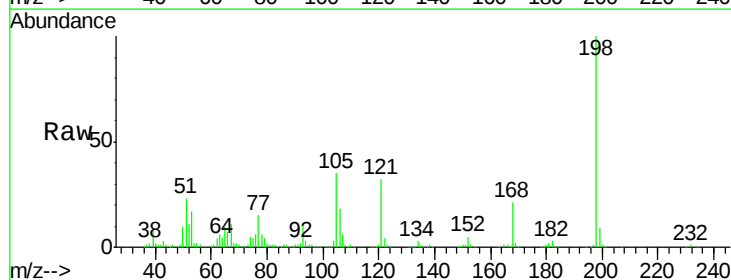
Tgt Ion:198 Resp: 345046

Ion Ratio Lower Upper

198 100

51 22.7 32.3 72.3#

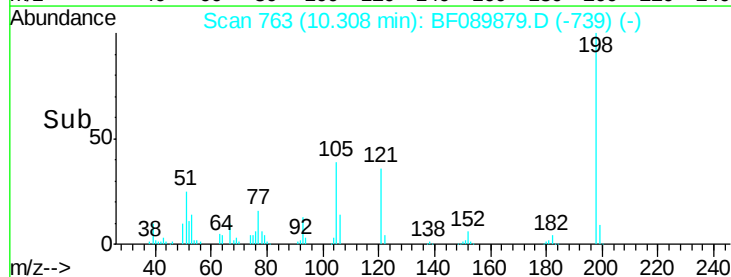
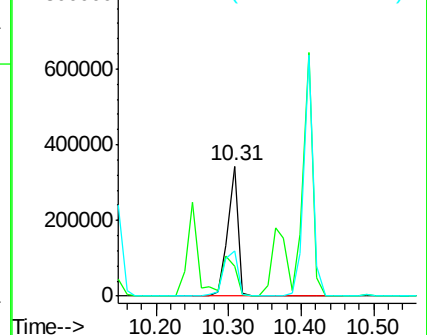
105 34.9 32.9 72.9

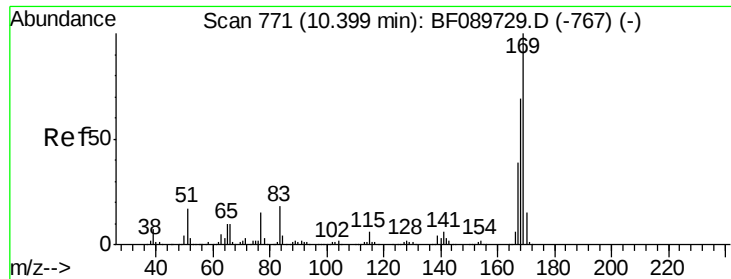


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.16 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

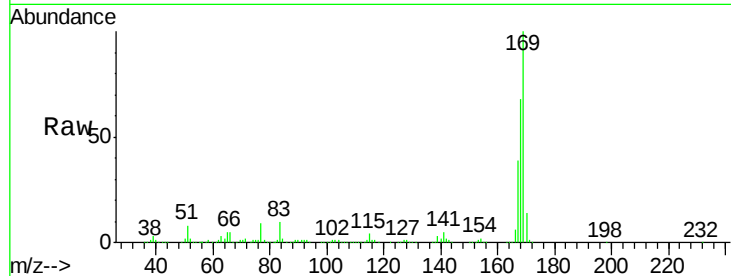
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 2143680

Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.6	82.0
167	38.8	30.6	45.8

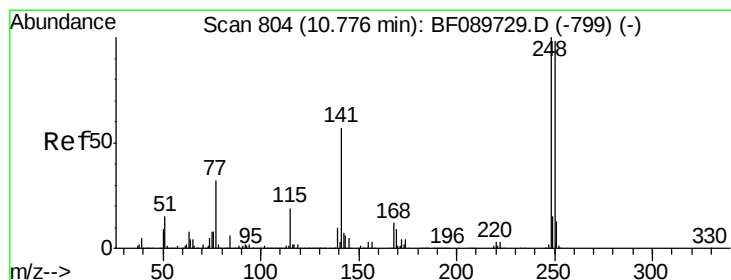
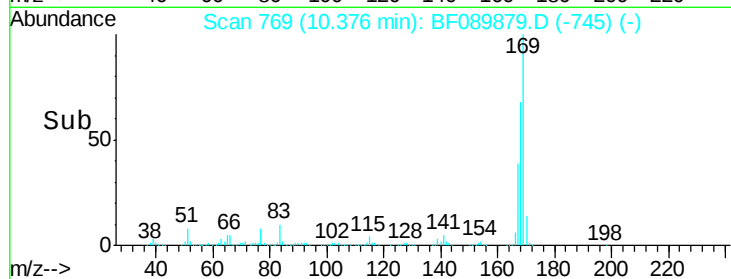
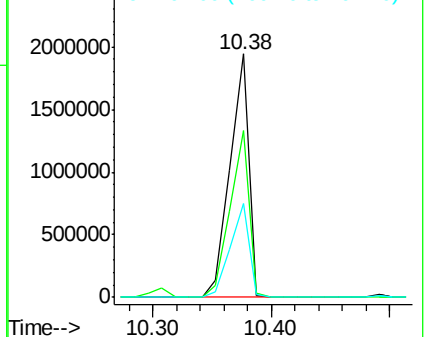


Abundance

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: 40.78 ng

RT: 10.74 min Scan# 801

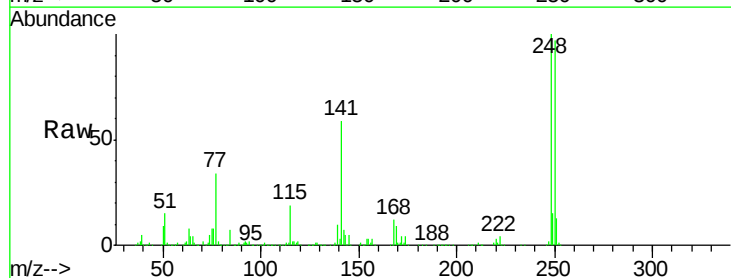
Delta R.T. -0.03 min

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

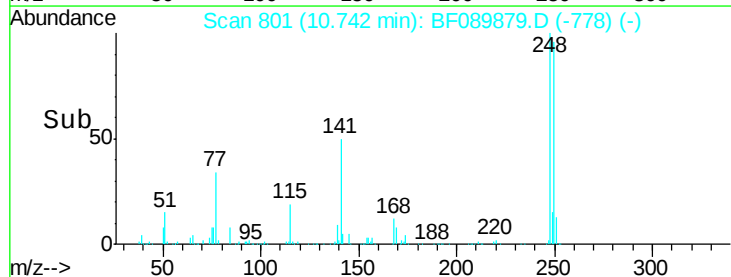
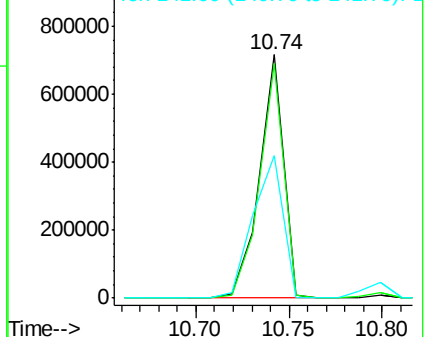


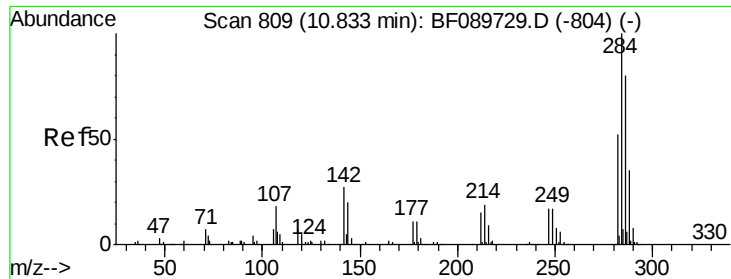
Abundance

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: 37.21 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

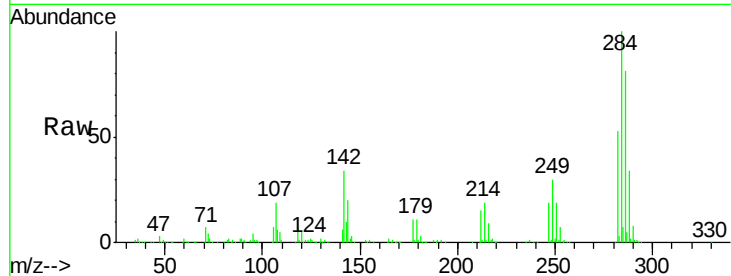
Tot Ion:284 Resp: 647941

Ion Ratio Lower Upper

284 100

142 34.2 17.4 26.2#

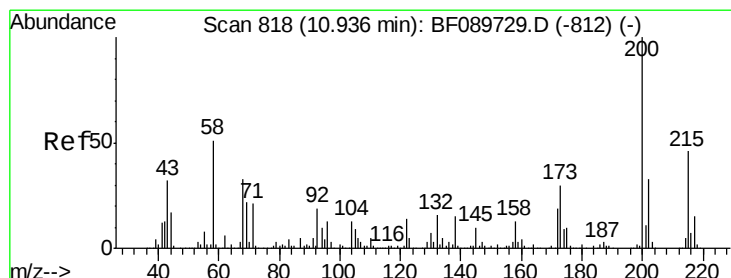
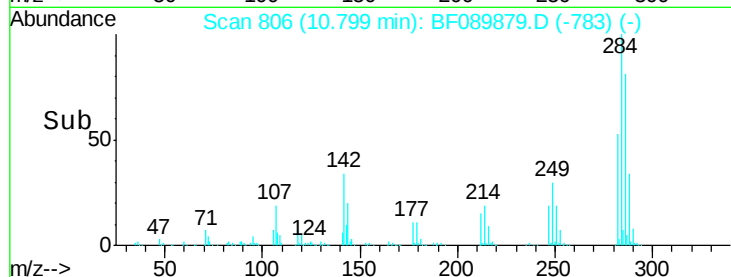
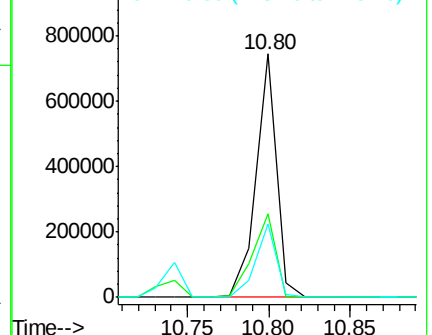
249 30.4 22.8 34.2



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: 36.13 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

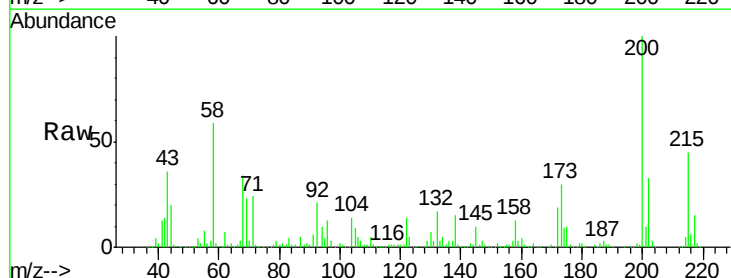
Tgt Ion:200 Resp: 519570

Ion Ratio Lower Upper

200 100

173 29.9 6.6 46.6

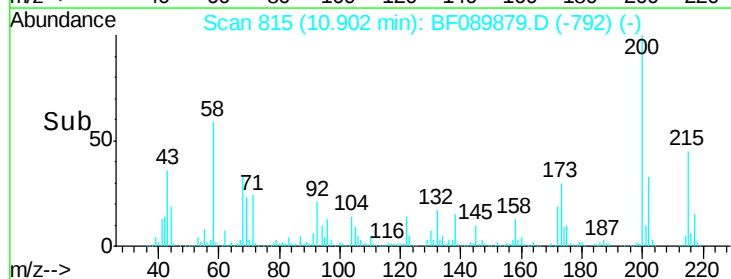
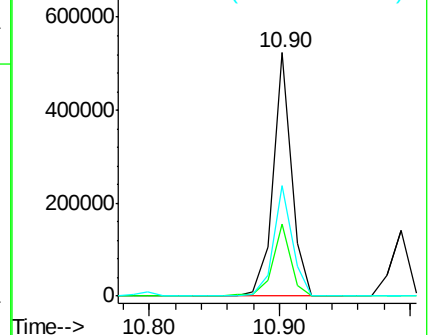
215 45.5 24.7 64.7

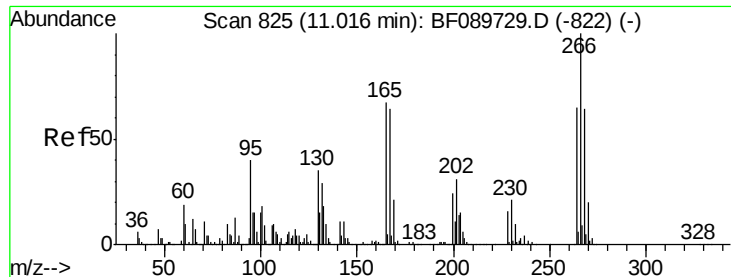


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

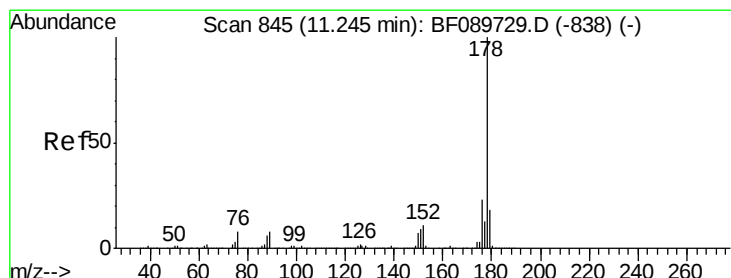
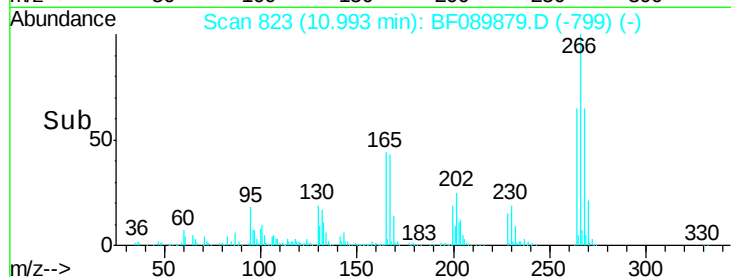
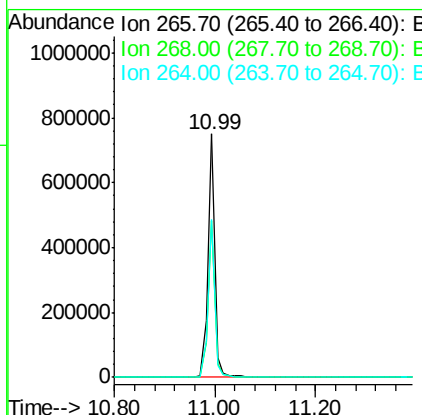
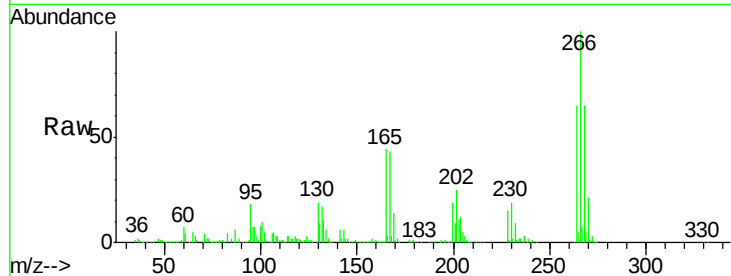




#69
 Pentachlorophenol
 Concen: 65.89 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

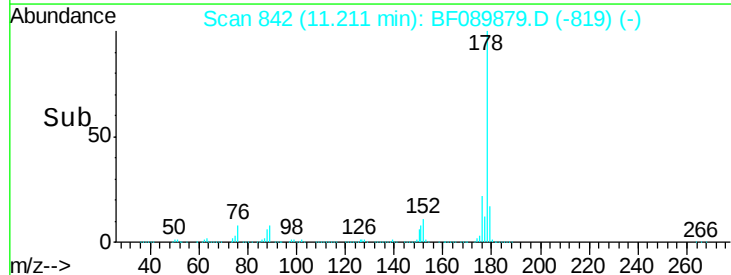
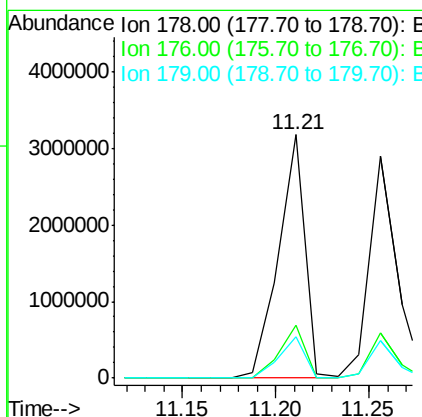
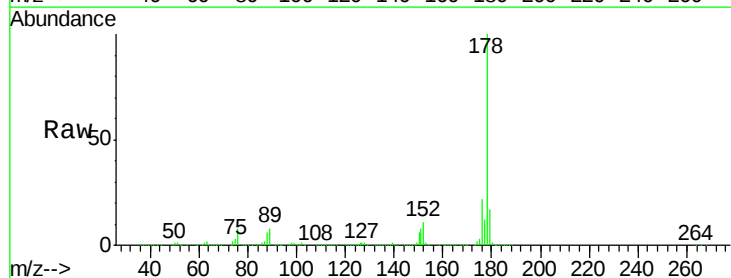
Instrument :
 BNA_F
 ClientSampled :

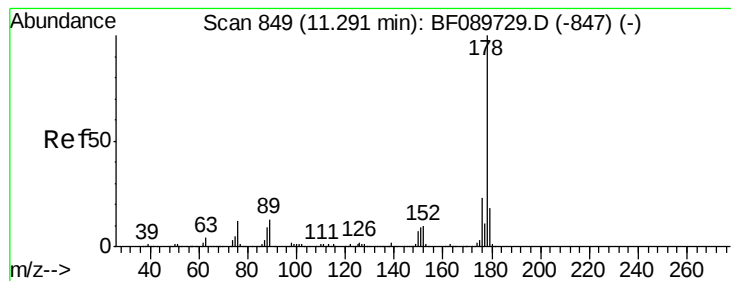
Tot Ion:266 Resp: 714861
 Ion Ratio Lower Upper
 266 100
 268 64.6 53.2 79.8
 264 64.9 51.1 76.7



#70
 Phenanthrene
 Concen: 42.10 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.03 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: 37.21 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

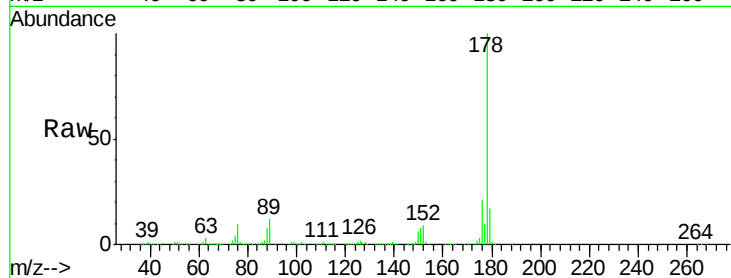
Tot Ion:178 Resp: 2890547

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

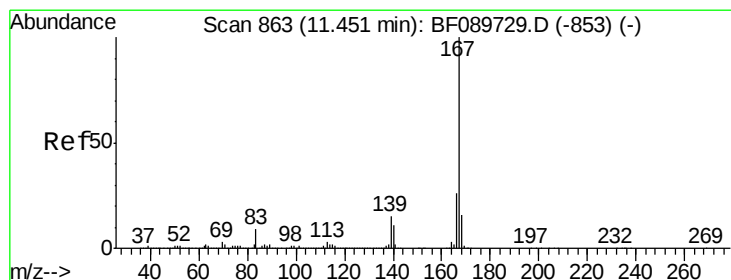
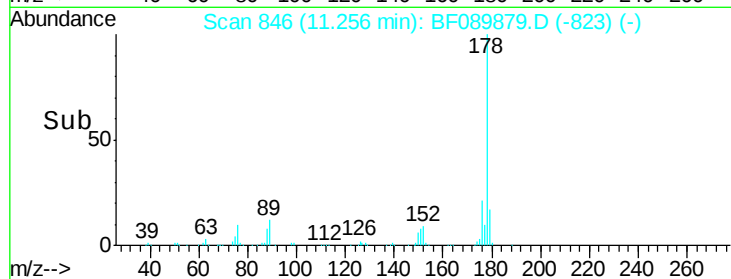
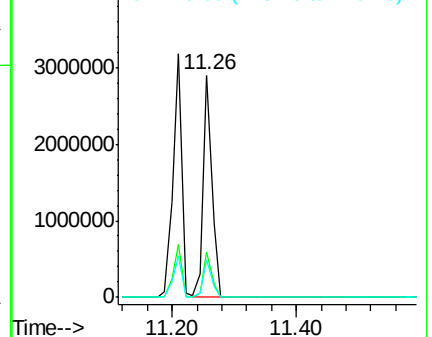
179 17.1 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.38 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

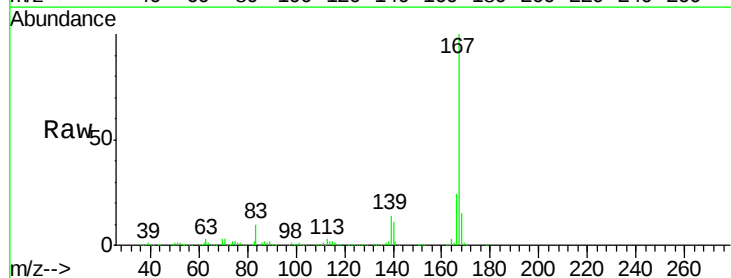
Tgt Ion:167 Resp: 2898345

Ion Ratio Lower Upper

167 100

166 23.8 17.9 26.9

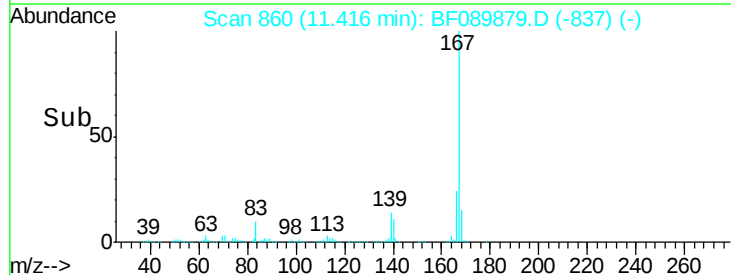
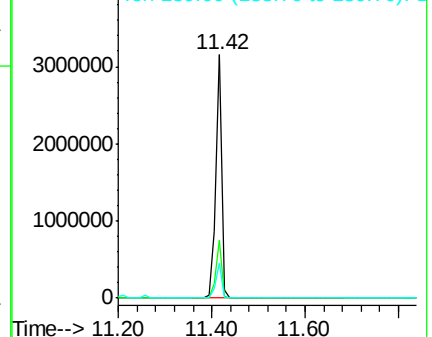
139 14.3 12.4 18.6

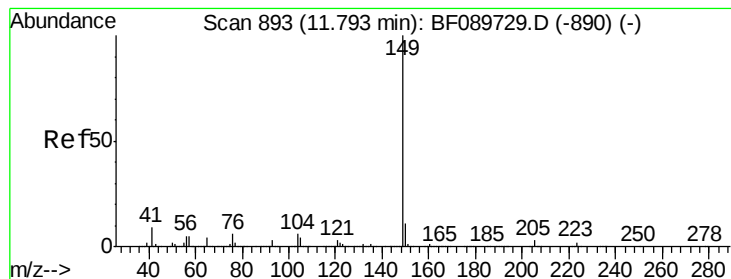


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.16 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

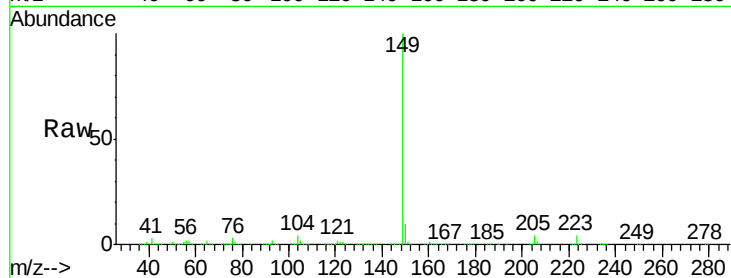
Tot Ion:149 Resp: 3595037

Ion Ratio Lower Upper

149 100

150 9.6 7.9 11.9

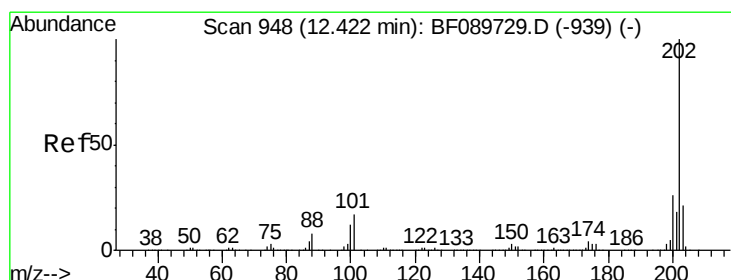
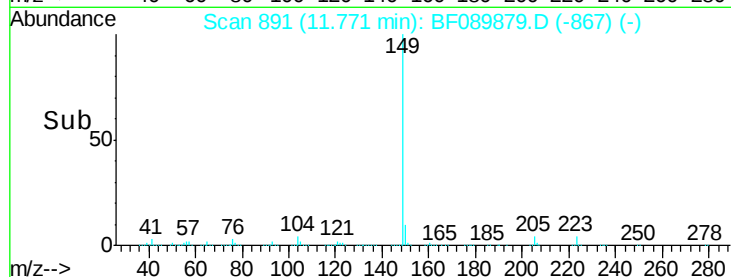
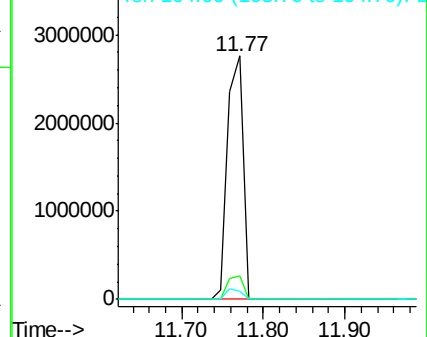
104 3.6 4.3 6.5#



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: 38.21 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

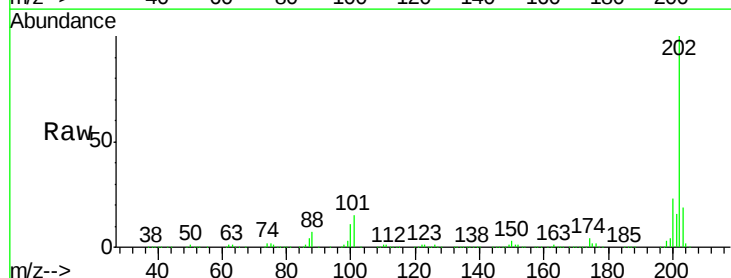
Tgt Ion:202 Resp: 2854258

Ion Ratio Lower Upper

202 100

101 15.2 0.0 31.2

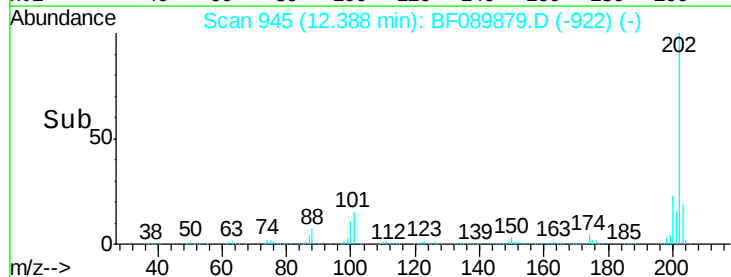
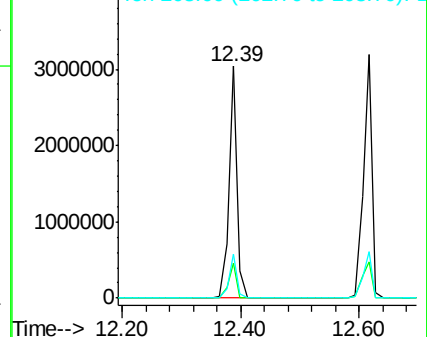
203 19.1 0.0 38.1

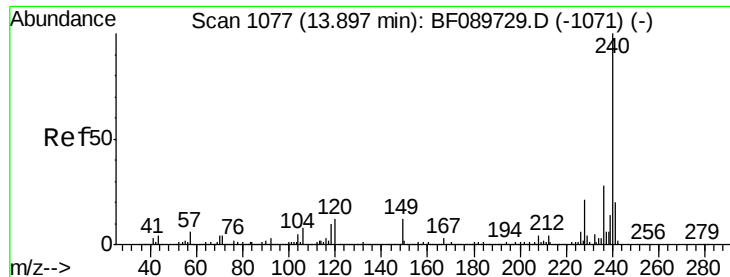


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.05 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

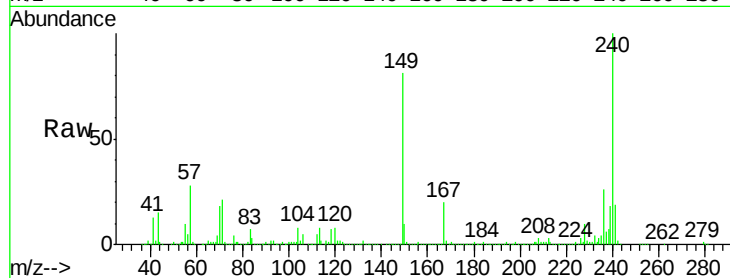
Tot Ion:240 Resp: 1118573

Ion Ratio Lower Upper

240 100

120 7.6 8.3 12.5#

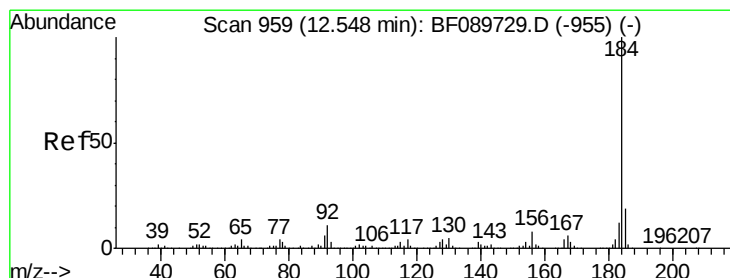
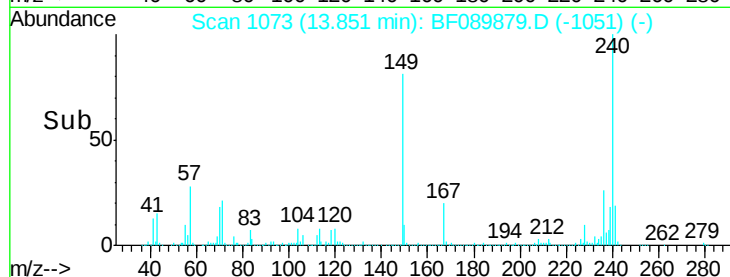
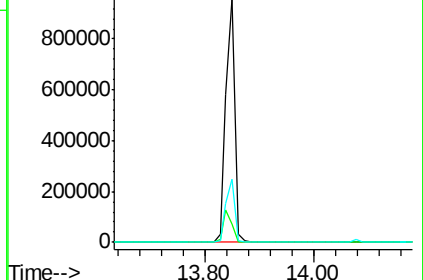
236 26.2 21.3 31.9



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: 30.02 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.03 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

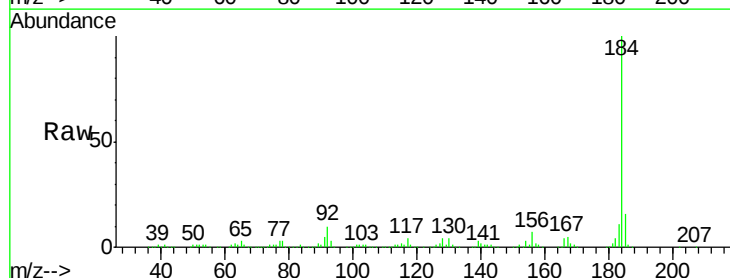
Tgt Ion:184 Resp: 1205108

Ion Ratio Lower Upper

184 100

185 15.8 13.8 20.8

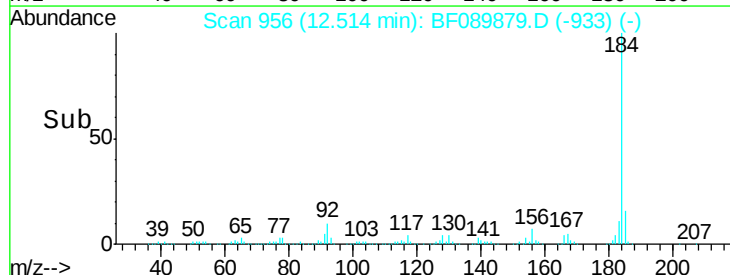
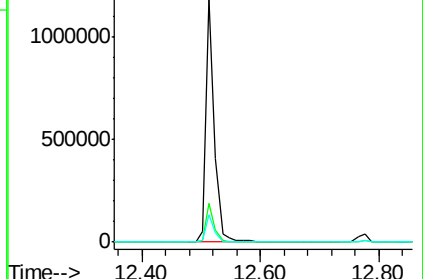
183 11.2 9.7 14.5

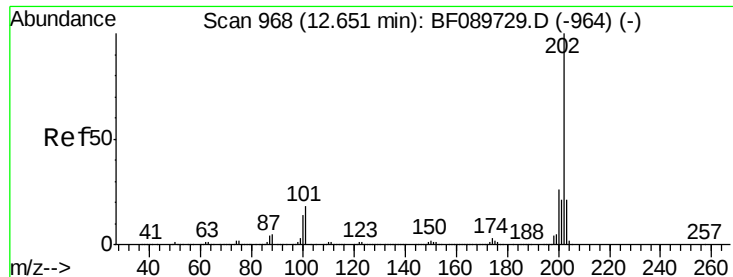


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

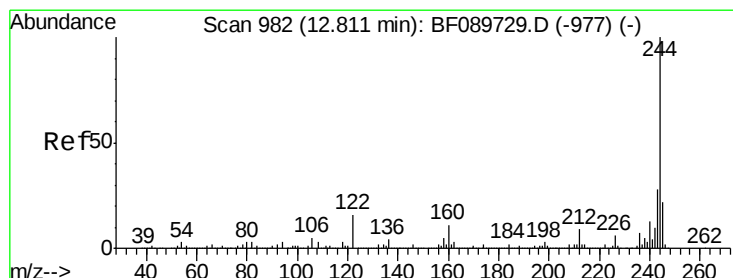
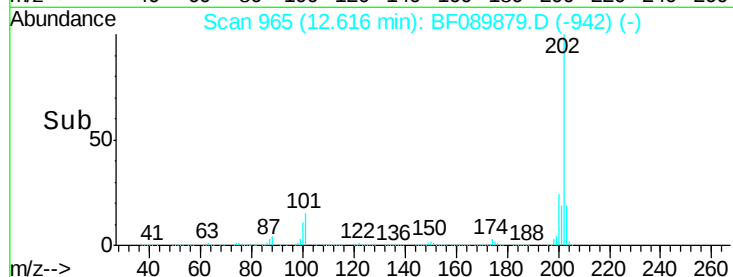
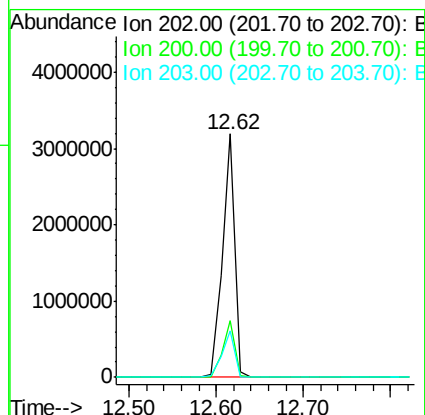
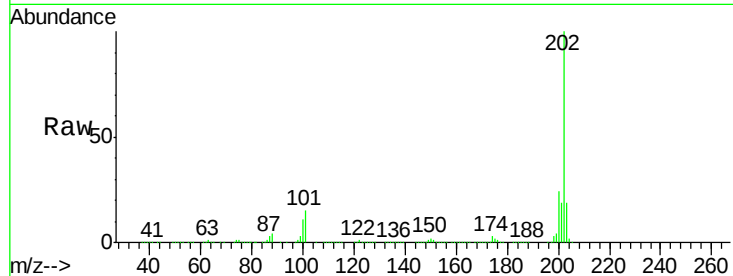




#77
Pvrene
Concen: 43.76 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

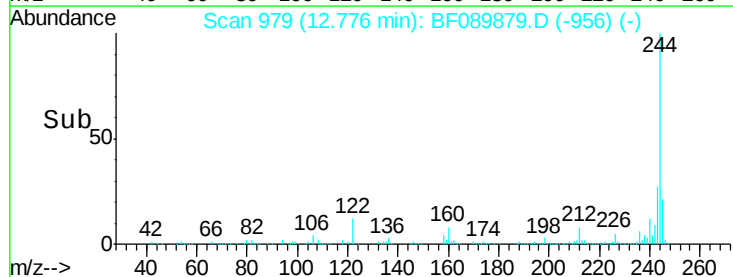
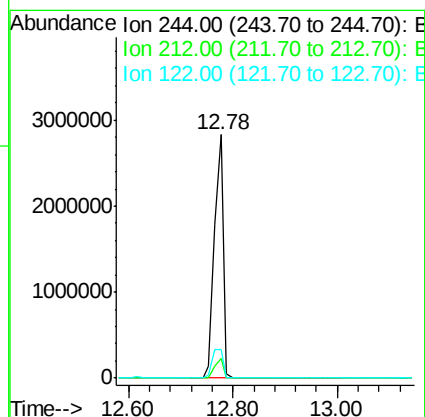
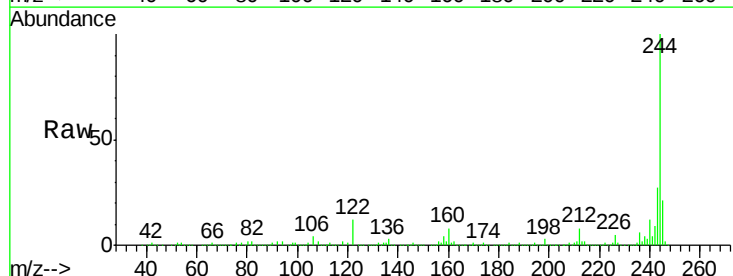
Instrument :
BNA_F
ClientSampleId :

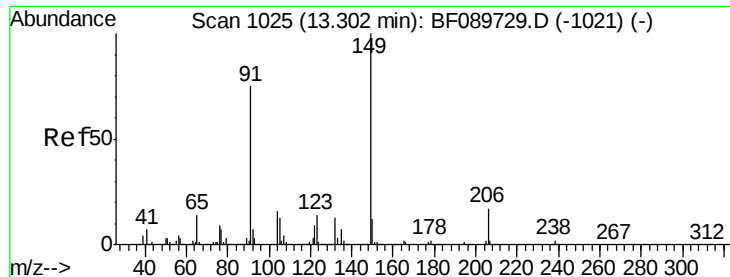
Tot Ion:202 Resp: 3203166
Ion Ratio Lower Upper
202 100
200 23.5 17.8 26.6
203 19.0 14.2 21.4



#78
Terphenyl-d14
Concen: 88.90 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.03 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#

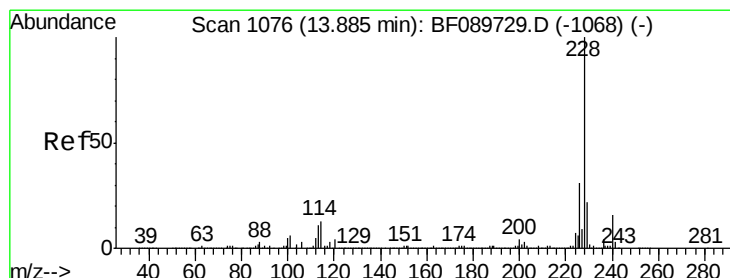
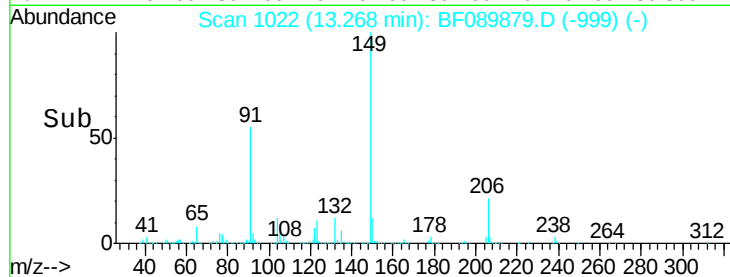
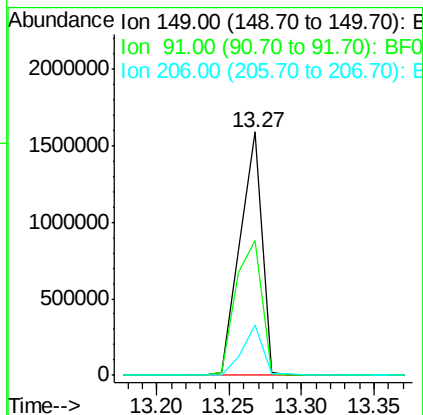
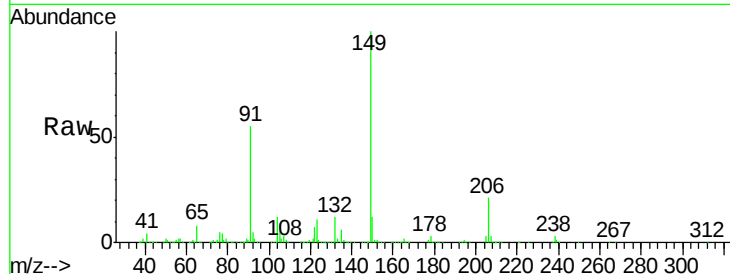




#79
Butylbenzylphthalate
Concen: 45.76 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

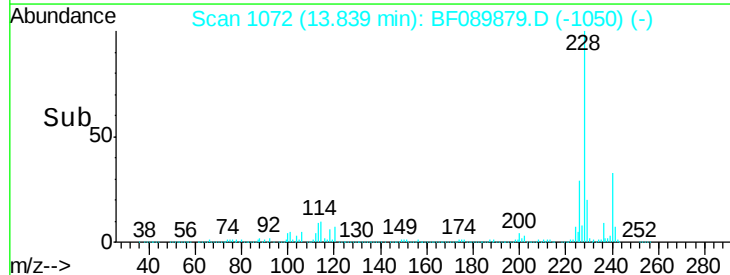
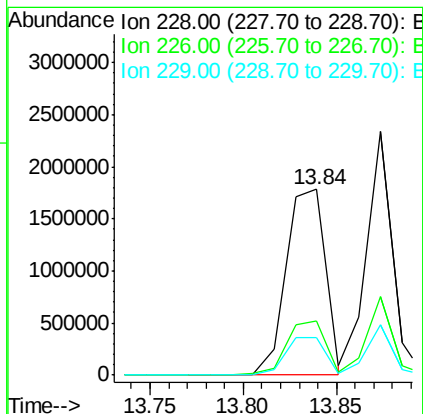
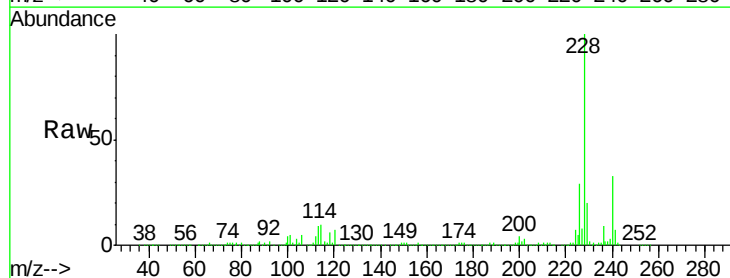
Instrument :
BNA_F
ClientSampleId :

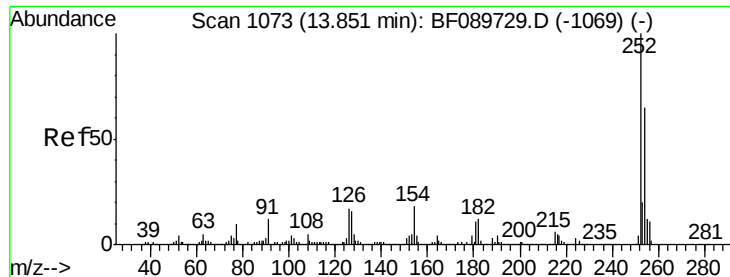
Tot Ion:149 Resp: 1680570
Ion Ratio Lower Upper
149 100
91 55.2 50.7 76.1
206 20.7 15.5 23.3



#80
Benzo(a)anthracene
Concen: 40.48 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.05 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: 27.31 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.05 min

Lab File: BF089879.D

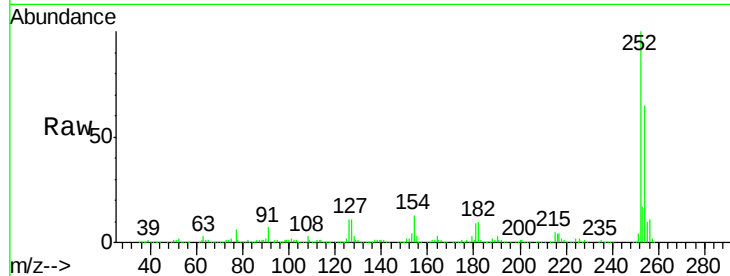
Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampled :

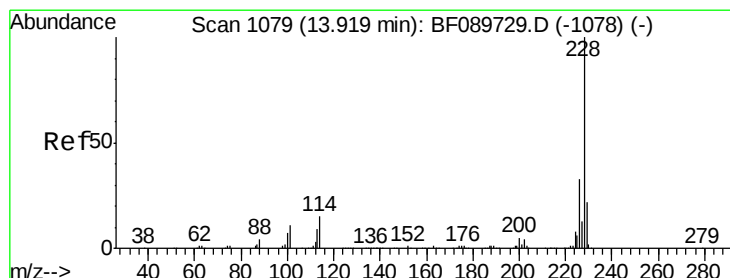
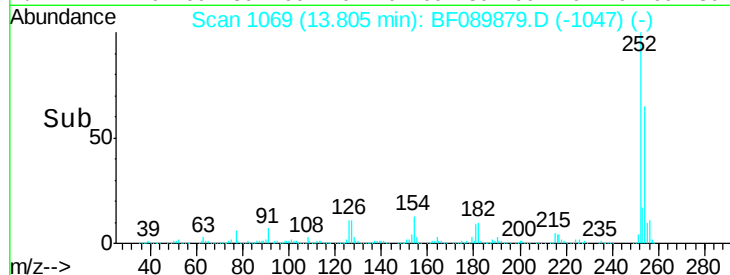
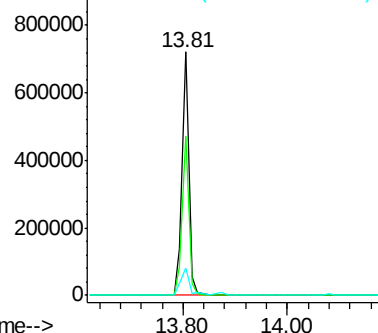
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.6	75.8
126	11.0	12.6	18.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.49 ng

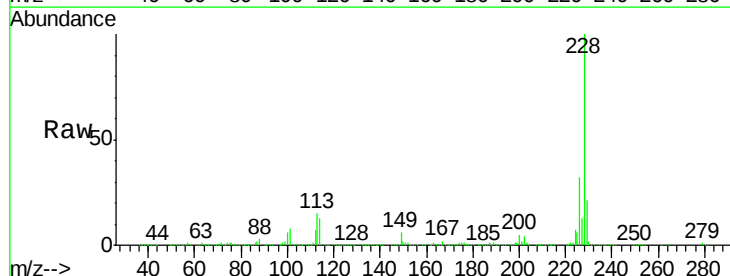
RT: 13.87 min Scan# 1075

Delta R.T. -0.05 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

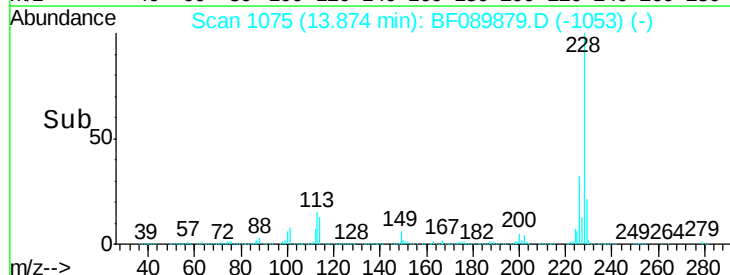
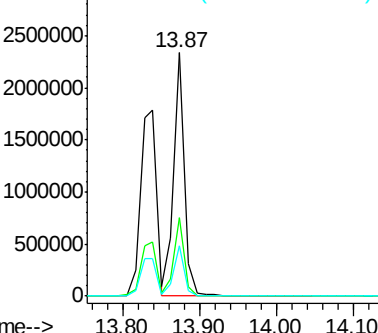
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.4	38.0
229	20.8	16.5	24.7

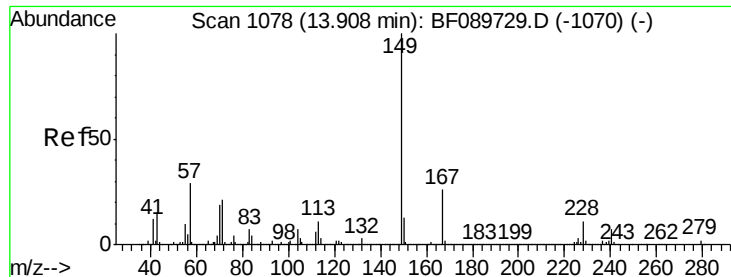


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.56 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.05 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

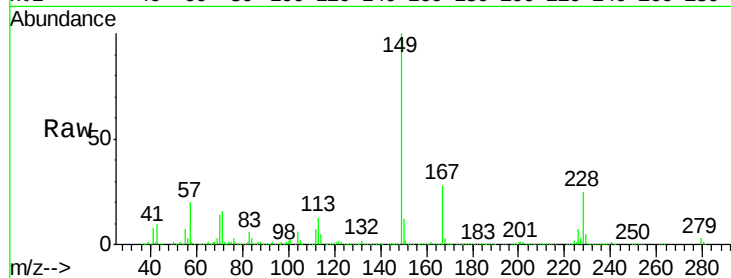
Tot Ion:149 Resp: 2214131

Ion Ratio Lower Upper

149 100

167 27.9 21.2 31.8

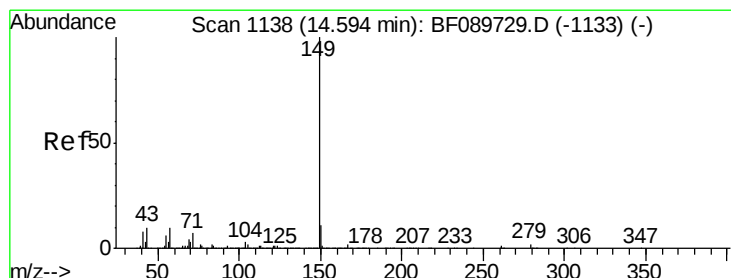
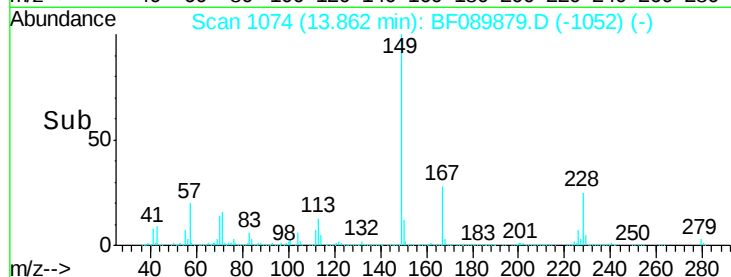
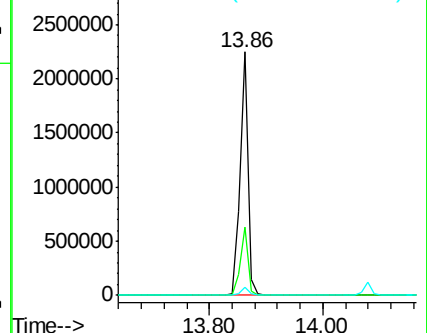
279 3.2 2.9 4.3



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: 49.61 ng

RT: 14.54 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

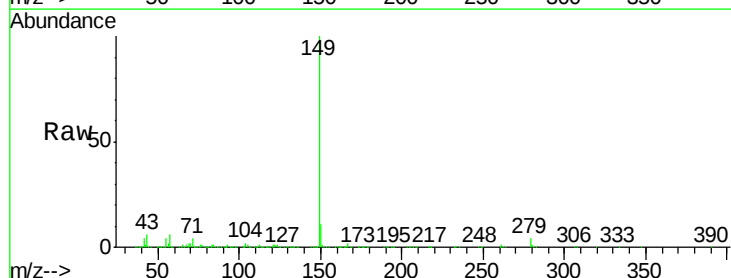
Tgt Ion:149 Resp: 3747402

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

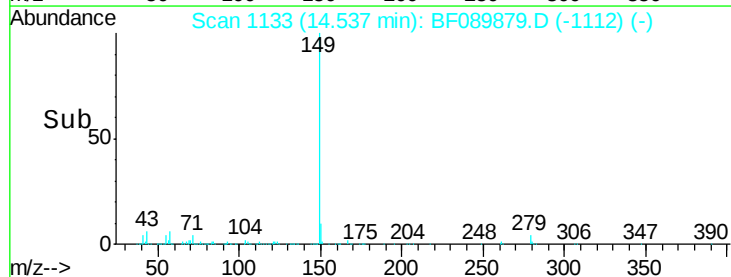
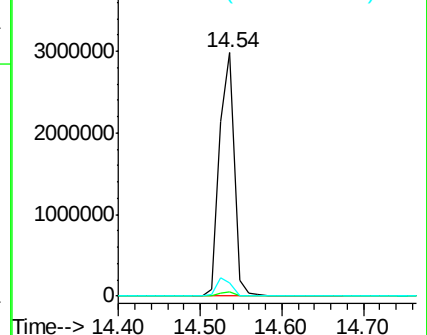
43 7.6 8.4 12.6#

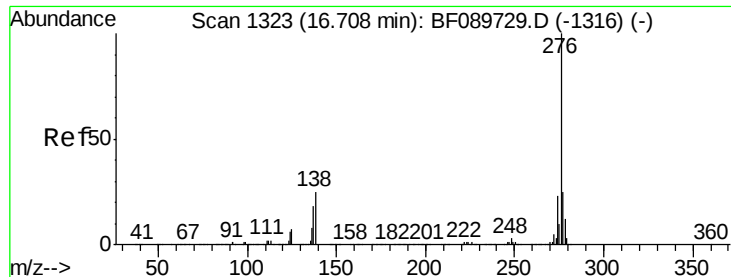


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



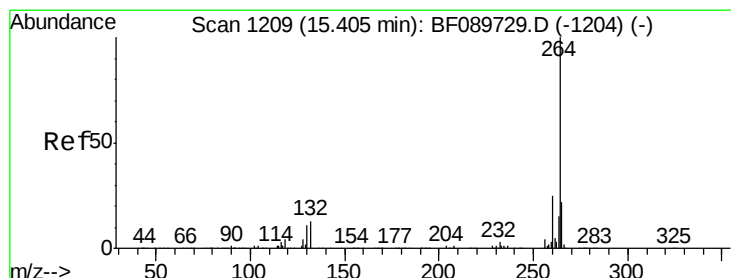
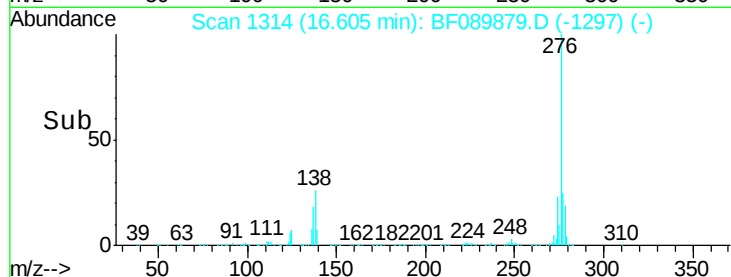
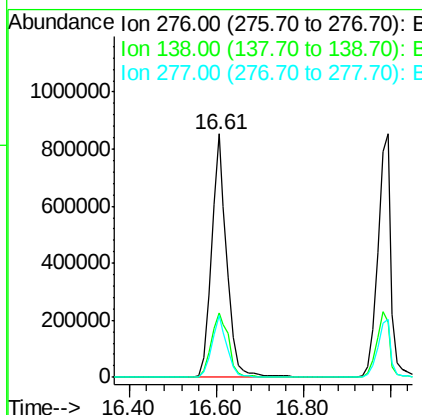
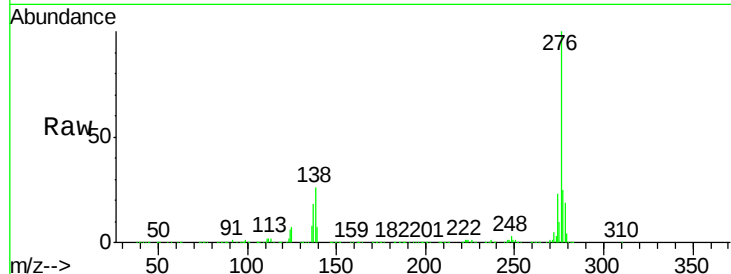


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.35 ng
 RT: 16.61 min Scan# 1314
 Delta R.T. -0.10 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 2110154

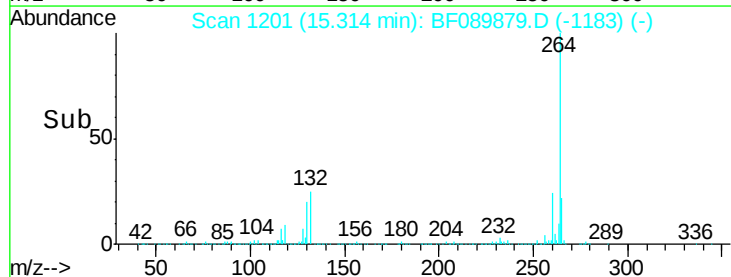
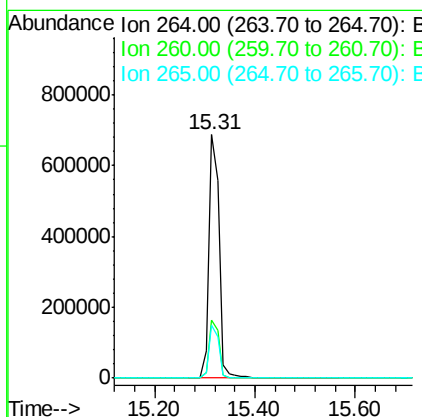
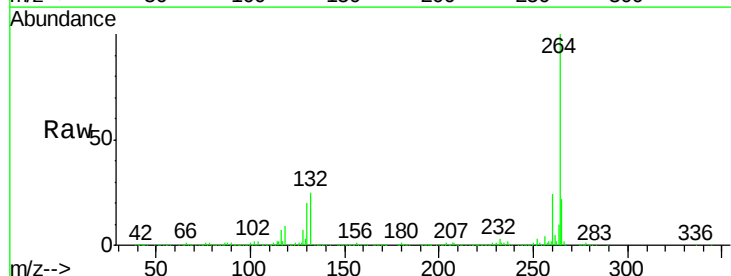
Ion	Ratio	Lower	Upper
276	100		
138	30.8	24.6	36.8
277	25.6	20.4	30.6

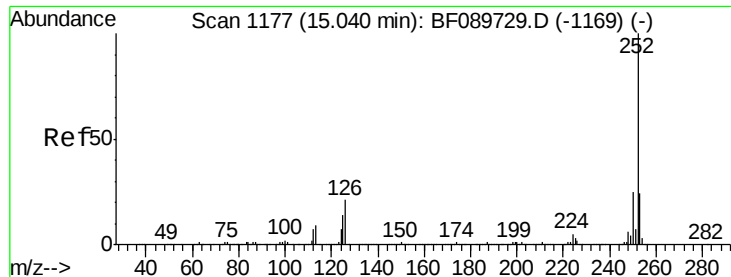


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.09 min
 Lab File: BF089879.D
 Acq: 24 Aug 2016 17:21

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

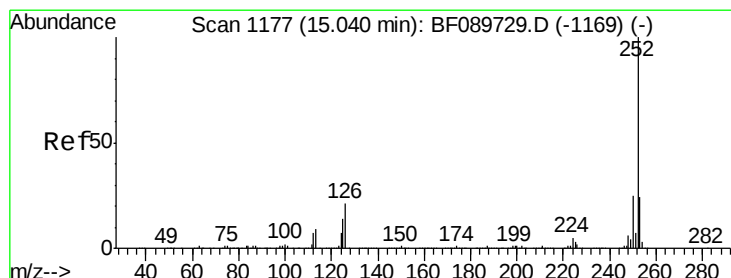
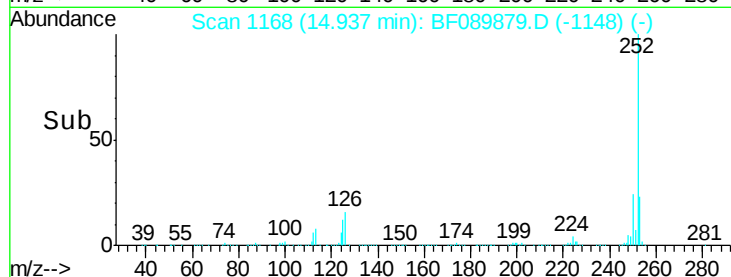
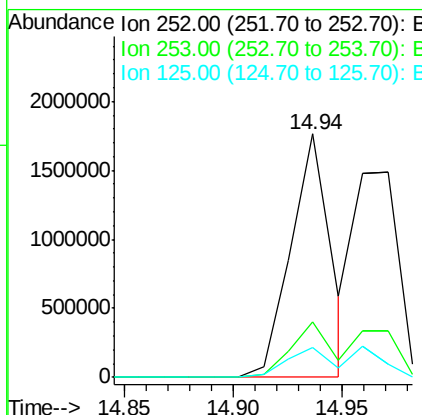
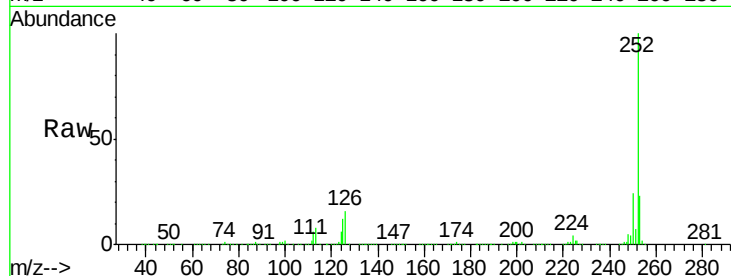




#87
Benzo(b)fluoranthene
Concen: 36.78 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089879.D
Acq: 24 Aug 2016 17:21

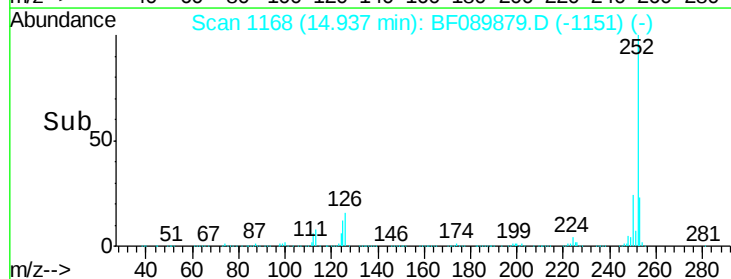
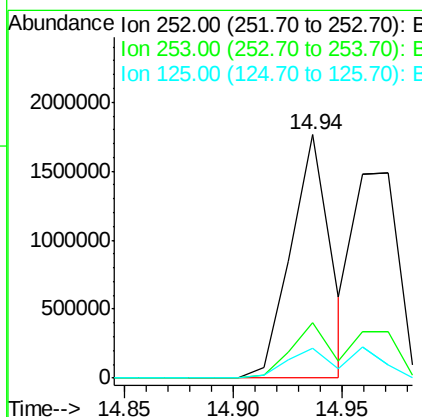
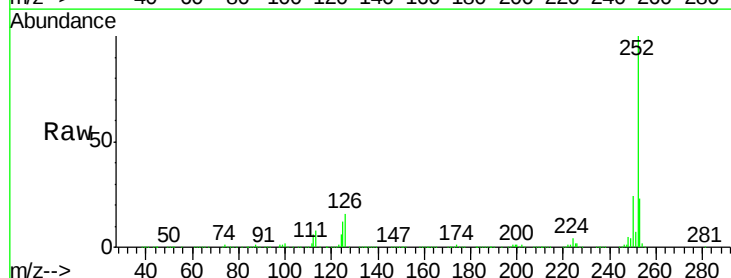
Instrument :
BNA_F
ClientSampled :

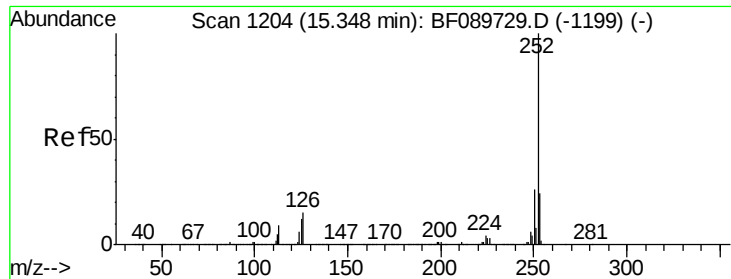
Tot Ion:252 Resp: 2245076
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 12.3 11.4 17.2



#88
Benzo(k)fluoranthene
Concen: 44.69 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.10 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





#89

Benzo(a)pyrene

Concen: 40.91 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.08 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

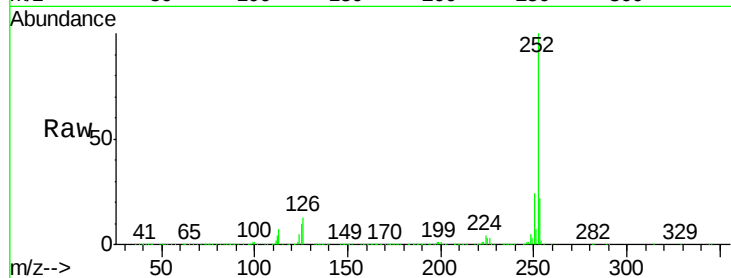
Tot Ion:252 Resp: 2061547

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

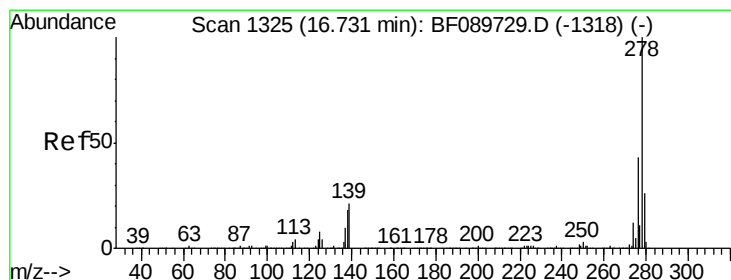
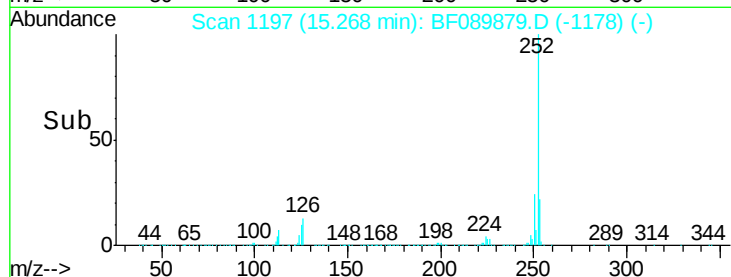
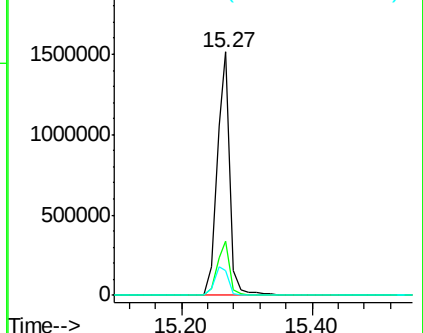
125 10.1 11.7 17.5#



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: 43.72 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.10 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

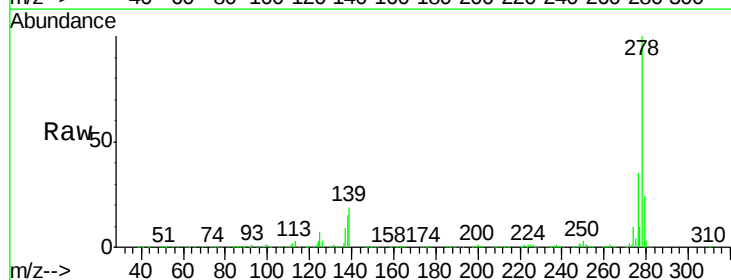
Tgt Ion:278 Resp: 1734613

Ion Ratio Lower Upper

278 100

139 19.1 14.9 22.3

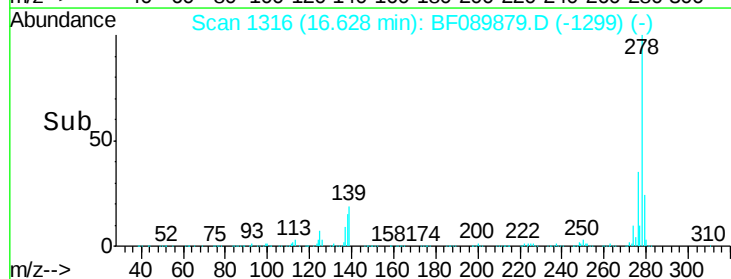
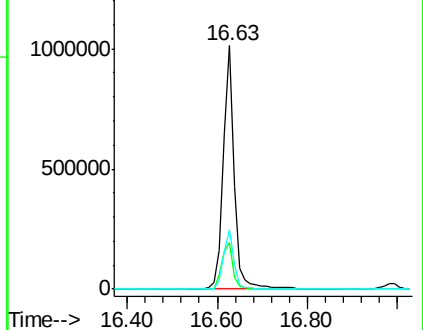
279 24.4 19.2 28.8

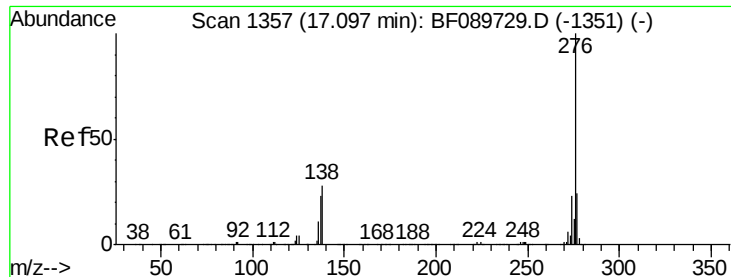


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.96 ng

RT: 16.99 min Scan# 1348

Delta R.T. -0.10 min

Lab File: BF089879.D

Acq: 24 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

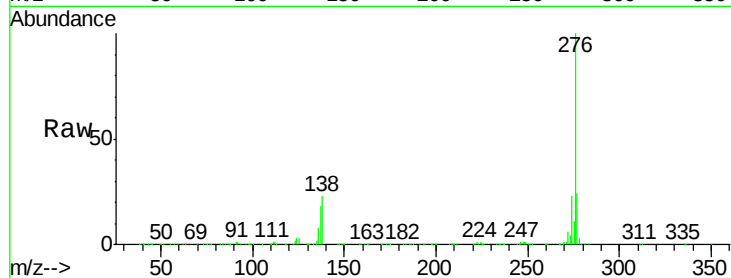
Tot Ion:276 Resp: 1815735

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

