

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
 Data File : BF089920.D
 Acq On : 26 Aug 2016 21:04
 Operator : UM/SJ
 Sample : PB93109BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Quant Time: Aug 26 23:06:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	324387	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1278248	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	594237	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1078942	20.00	ng	0.00
75) Chrysene-d12	13.78	240	757477	20.00	ng	0.00
86) Perylene-d12	15.12	264	668467	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1941499	102.64	ng	0.01
7) Phenol-d6	6.30	99	2266607	97.61	ng	0.00
23) Nitrobenzene-d5	7.22	82	1425771	69.30	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	543597	96.26	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2332661	68.99	ng	0.00
78) Terphenyl-d14	12.74	244	2102905	62.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	256189	27.37	ng	95
3) Pyridine	2.81	79	676003	27.53	ng	92
4) n-Nitrosodimethylamine	2.78	42	303357	33.19	ng	# 78
6) Aniline	6.31	93	845225	27.14	ng	# 32
8) 2-Chlorophenol	6.43	128	745709	32.97	ng	90
9) Benzaldehyde	6.18	77	149373	9.88	ng	97
10) Phenol	6.31	94	766648	28.17	ng	89
11) bis(2-Chloroethyl)ether	6.40	93	763158	36.16	ng	91
12) 1,3-Dichlorobenzene	6.59	146	833850	35.26	ng	# 91
13) 1,4-Dichlorobenzene	6.59	146	833850	34.30	ng	95
14) 1,2-Dichlorobenzene	6.82	146	804432	35.45	ng	97
15) Benzyl Alcohol	6.80	79	522219	33.91	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.95	45	885255	32.78	ng	90
17) 2-Methylphenol	6.92	107	662363	37.39	ng	94
18) Hexachloroethane	7.16	117	297997	34.37	ng	95
19) n-Nitroso-di-n-propylamine	7.08	70	543027	36.57	ng	# 85
20) 3+4-Methylphenols	7.07	107	713254	32.83	ng	# 76
22) Acetophenone	7.07	105	940824	32.05	ng	# 88
24) Nitrobenzene	7.23	77	715941	31.01	ng	100
25) Isophorone	7.48	82	1437324	34.64	ng	95
26) 2-Nitrophenol	7.55	139	390075	33.87	ng	# 83
27) 2,4-Dimethylphenol	7.61	122	721379	34.75	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	954691	37.18	ng	97
29) 2,4-Dichlorophenol	7.79	162	624710	35.87	ng	92
30) 1,2,4-Trichlorobenzene	7.88	180	679276	35.26	ng	# 95
31) Naphthalene	7.95	128	2074629	34.73	ng	99
32) Benzoic acid	7.74	122	396259	24.50	ng	95
33) 4-Chloroaniline	8.01	127	420763	16.25	ng	# 95
34) Hexachlorobutadiene	8.08	225	334107	33.12	ng	99
35) Caprolactam	8.43	113	55375	10.44	ng	95
36) 4-Chloro-3-methylphenol	8.50	107	671234	35.58	ng	98
37) 2-Methylnaphthalene	8.65	142	1508146	39.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	493916	25.67	ng	97
40) Hexachlorocyclopentadiene	8.81	237	656551	98.27	ng	99

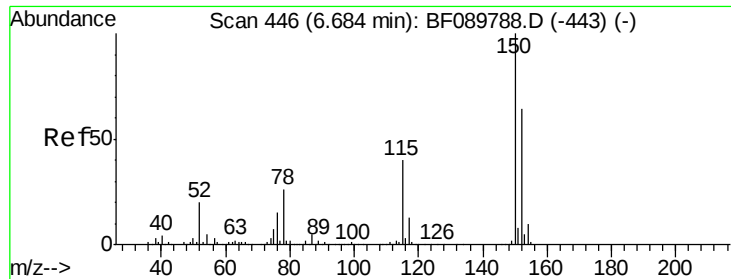
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
 Data File : BF089920.D
 Acq On : 26 Aug 2016 21:04
 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	433321	35.79	ng	99
43) 2,4,5-Trichlorophenol	8.97	196	450774	37.44	ng	99
45) 1,1'-Biphenyl	9.12	154	1546771	33.64	ng	93
46) 2-Chloronaphthalene	9.13	162	1252232	34.45	ng	98
47) 2-Nitroaniline	9.23	65	439395	42.38	ng	# 81
48) Acenaphthylene	9.54	152	1950340	35.70	ng	100
49) Dimethylphthalate	9.43	163	1675570	40.05	ng	99
50) 2,6-Dinitrotoluene	9.47	165	328056	33.96	ng	88
51) Acenaphthene	9.71	154	1381314	38.21	ng	99
52) 3-Nitroaniline	9.64	138	264246	24.69	ng	# 70
53) 2,4-Dinitrophenol	9.75	184	345894	65.94	ng	94
54) Dibenzofuran	9.88	168	1709371	37.64	ng	98
55) 4-Nitrophenol	9.82	139	704476	80.64	ng	95
56) 2,4-Dinitrotoluene	9.87	165	443693	35.40	ng	# 61
57) Fluorene	10.23	166	1174854	32.47	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	363720	41.51	ng	92
59) Diethylphthalate	10.12	149	1627770	38.30	ng	97
60) 4-Chlorophenyl-phenylether	10.23	204	562510	34.08	ng	100
61) 4-Nitroaniline	10.25	138	387730	38.64	ng	98
62) Azobenzene	10.39	77	1679029	42.02	ng	92
64) 4,6-Dinitro-2-methylphenol	10.28	198	273830	44.16	ng	# 69
65) n-Nitrosodiphenylamine	10.35	169	1322491	38.98	ng	100
66) 4-Bromophenyl-phenylether	10.71	248	390727	34.54	ng	# 66
67) Hexachlorobenzene	10.78	284	475737	36.87	ng	98
68) Atrazine	10.88	200	376837	36.27	ng	98
69) Pentachlorophenol	10.97	266	544499	74.44	ng	97
70) Phenanthrene	11.18	178	1963494	36.03	ng	99
71) Anthracene	11.23	178	2162391	39.04	ng	99
72) Carbazole	11.38	167	1995998	40.17	ng	99
73) Di-n-butylphthalate	11.74	149	2367373	38.08	ng	99
74) Fluoranthene	12.35	202	1984341	38.28	ng	94
76) Benzidine	12.49	184	904726	36.91	ng	95
77) Pyrene	12.58	202	1925216	31.21	ng	97
79) Butylbenzylphthalate	13.22	149	1067623	38.32	ng	98
80) Benzo(a)anthracene	13.76	228	1715605	39.55	ng	99
81) 3,3'-Dichlorobenzidine	13.74	252	355892	25.02	ng	# 97
82) Chrysene	13.81	228	1581994	42.54	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	1355416	35.32	ng	# 97
84) Di-n-octyl phthalate	14.40	149	2266241	44.44	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.37	276	1375499	28.99	ng	99
87) Benzo(b)fluoranthene	14.79	252	2814738	76.54	ng	97
88) Benzo(k)fluoranthene	14.79	252	2817077	84.43	ng	99
89) Benzo(a)pyrene	15.07	252	1278451	36.73	ng	98
90) Dibenzo(a,h)anthracene	16.39	278	1148344	30.40	ng	99
91) Benzo(g,h,i)perylene	16.74	276	1190758	29.93	ng	97

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

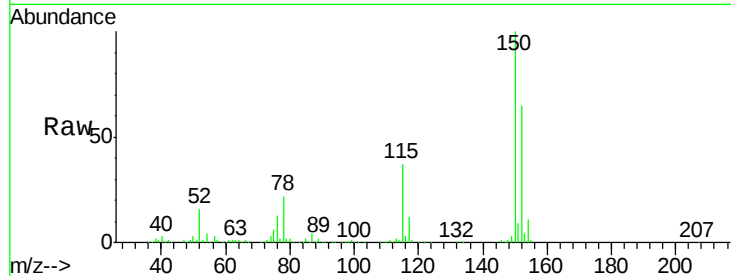


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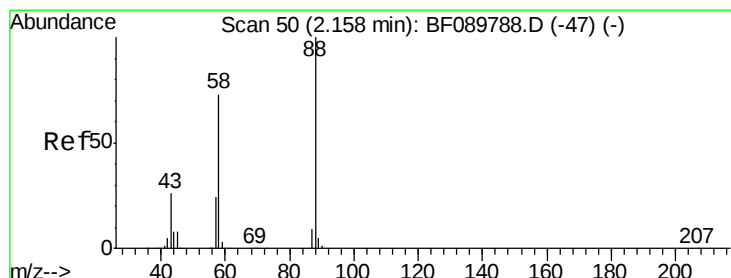
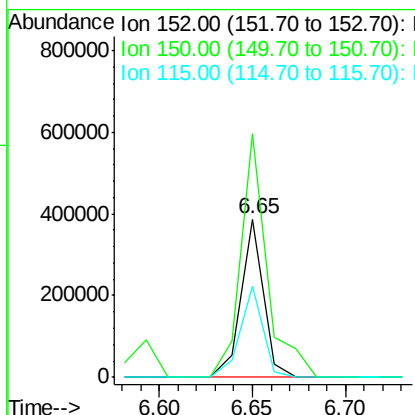
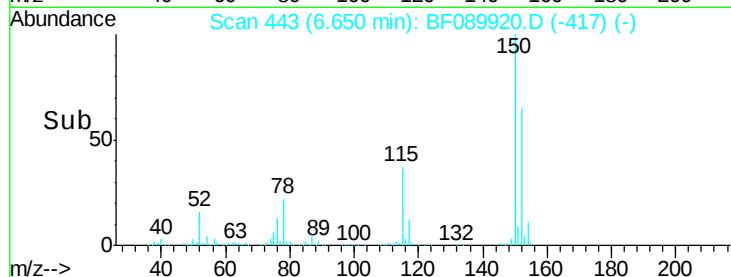
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tgt Ion: 152 Resp: 324387
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.3 187.9
 115 57.4 40.9 61.3



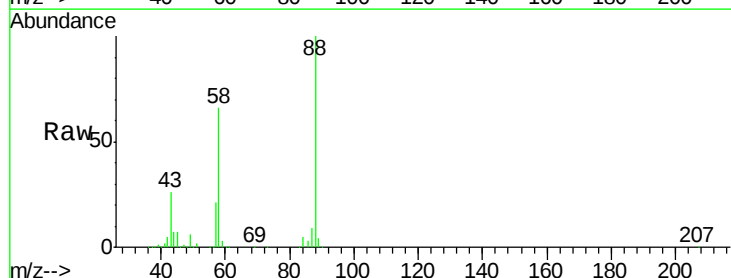
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



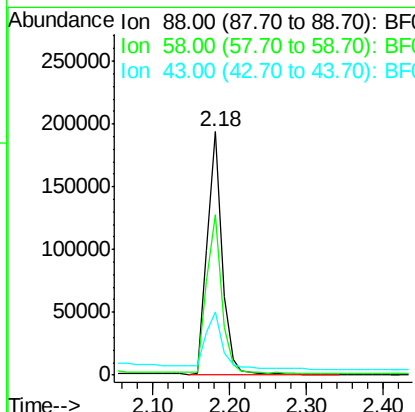
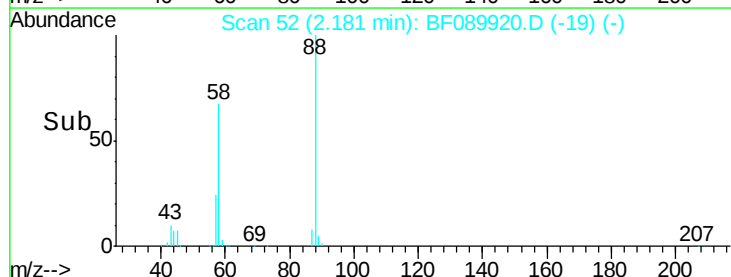
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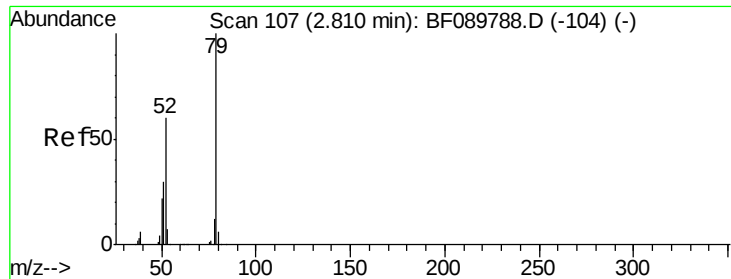
1,4-Dioxane
 Concen: 27.37 ng
 RT: 2.18 min Scan# 52
 Delta R.T. 0.08 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion: 88 Resp: 256189
 Ion Ratio Lower Upper
 88 100
 58 66.2 57.0 85.4
 43 26.1 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.53 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.07 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

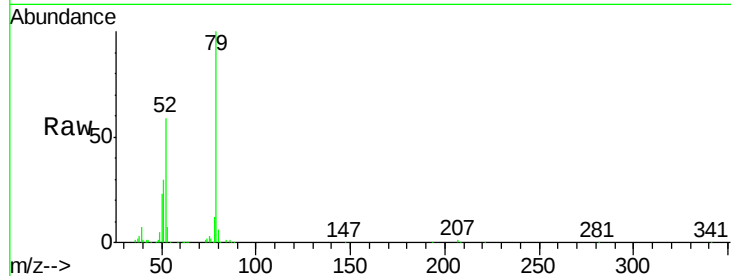
Tgt Ion: 79 Resp: 676003

Ion Ratio Lower Upper

79 100

52 59.1 53.6 80.4

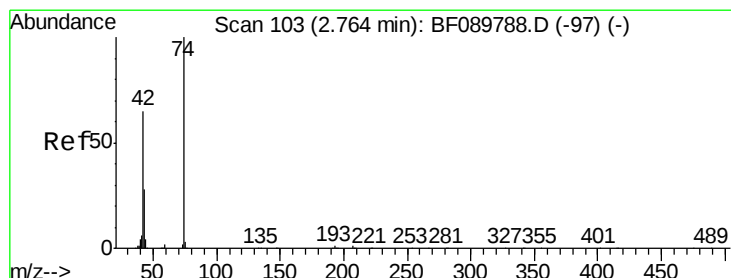
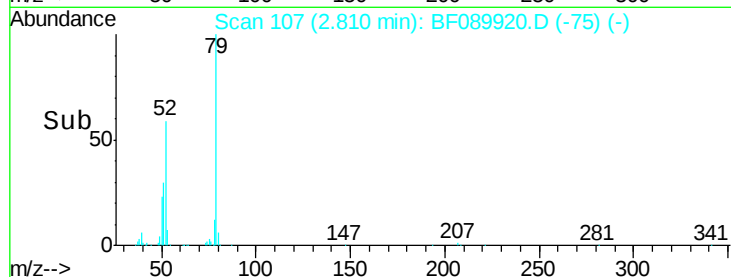
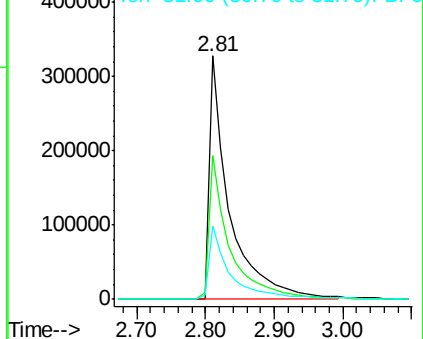
51 30.1 26.6 39.8



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: 33.19 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.07 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

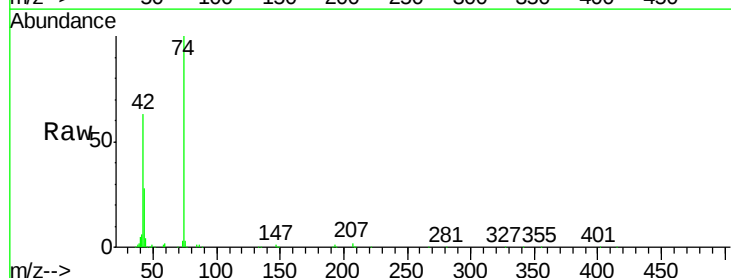
Tgt Ion: 42 Resp: 303357

Ion Ratio Lower Upper

42 100

74 159.5 106.2 159.2#

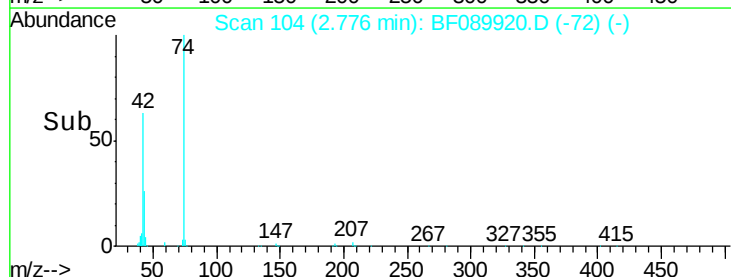
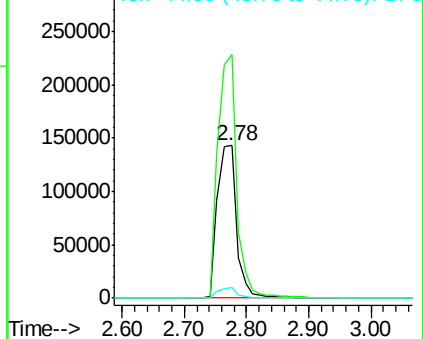
44 6.7 6.9 10.3#

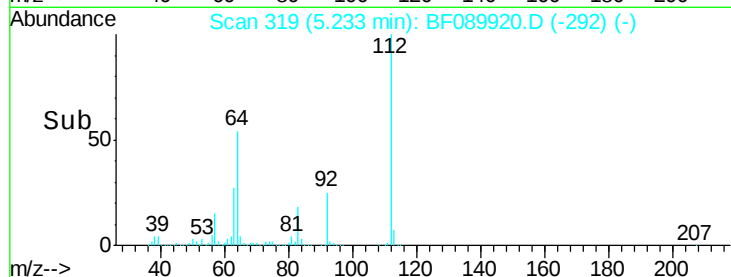
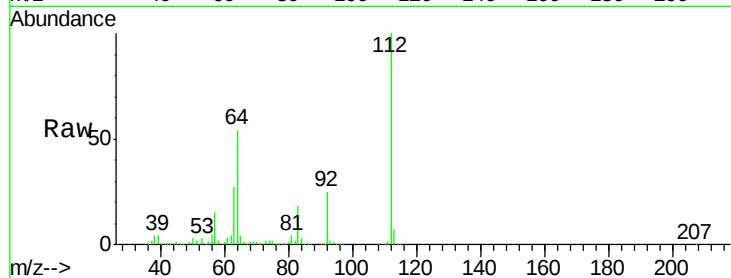
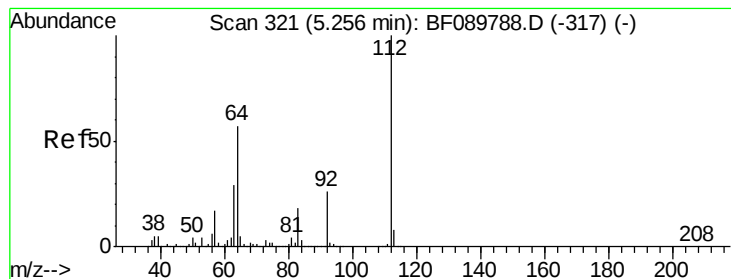


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 102.64 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

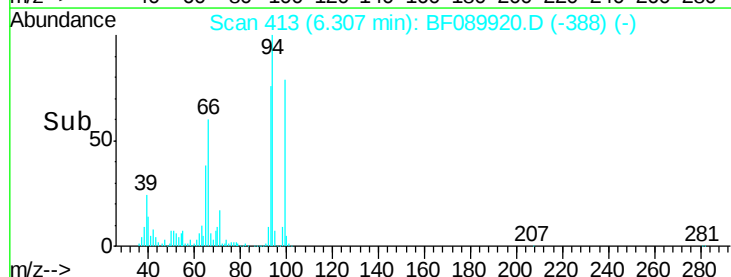
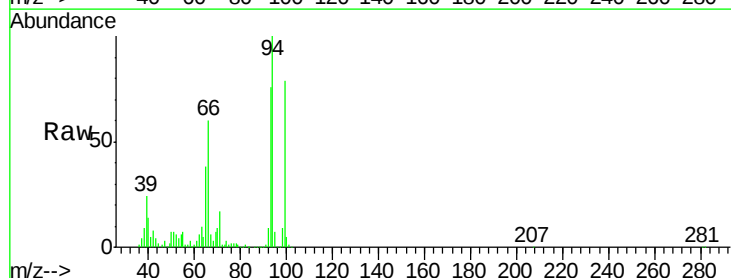
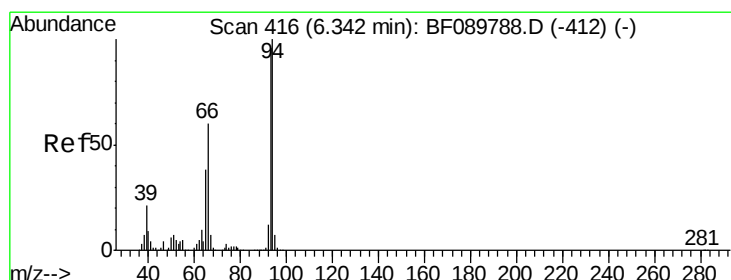
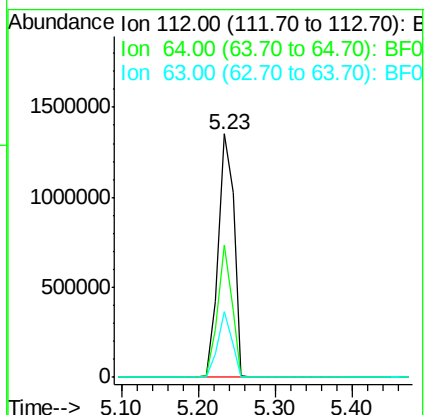
Tgt Ion:112 Resp: 1941499

Ion Ratio Lower Upper

112 100

64 54.2 45.0 67.4

63 27.0 23.1 34.7



#6

Aniline

Concen: 27.14 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

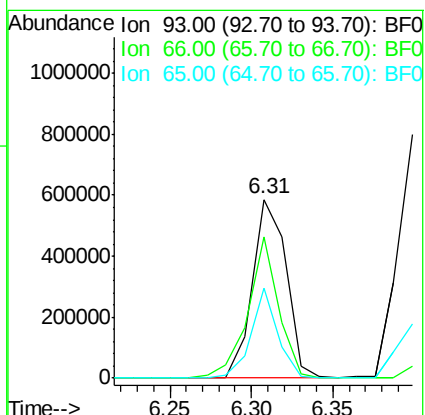
Tgt Ion: 93 Resp: 845225

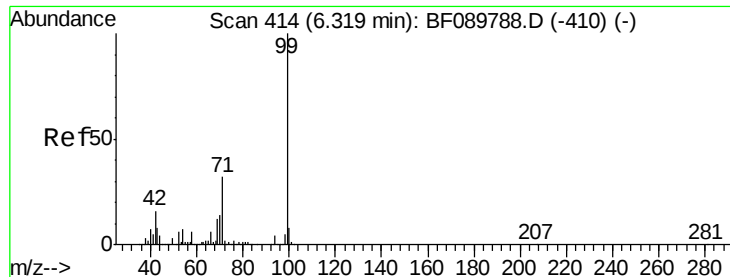
Ion Ratio Lower Upper

93 100

66 78.9 30.6 46.0#

65 50.4 15.4 23.2#





#7

Phenol-d6

Concen: 97.61 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

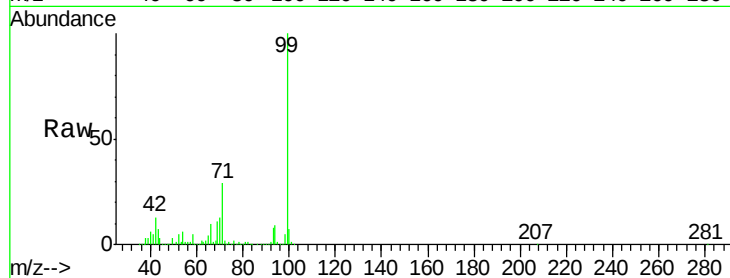
BNA_F

ClientSampleId :

PB93109BSD

Tgt Ion: 99 Resp: 2266607

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.2	18.4
71	29.5	23.8	35.8

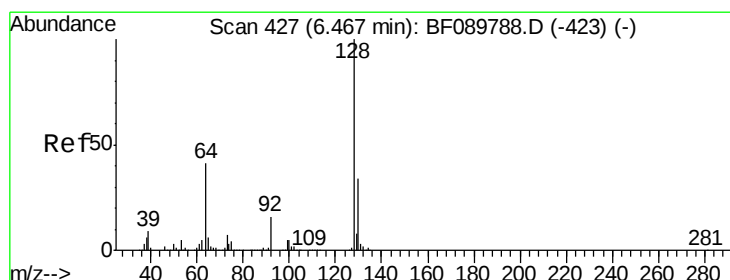
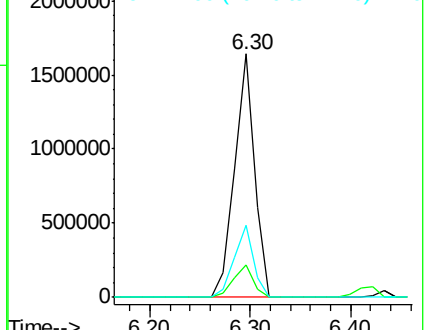
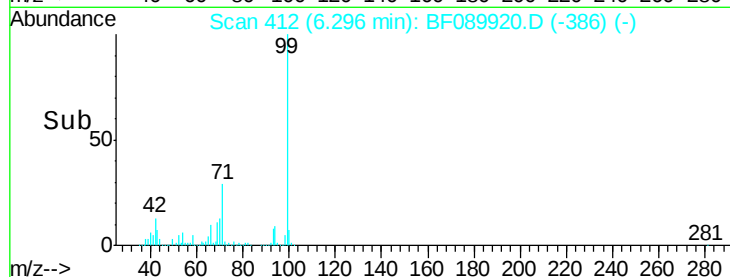


Abundance

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: 32.97 ng

RT: 6.43 min Scan# 424

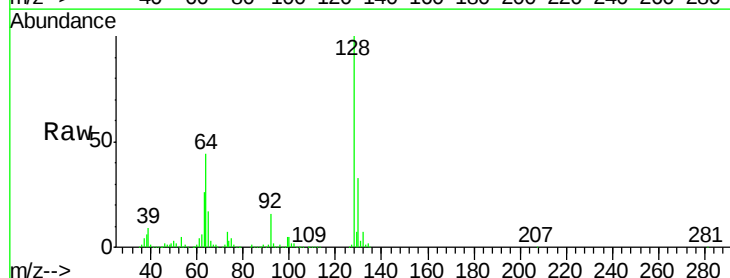
Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Tgt Ion: 128 Resp: 745709

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.0	52.0
64	44.1	35.1	75.1

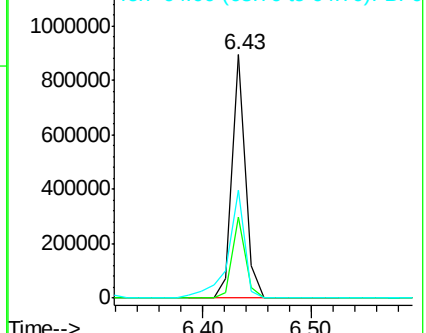
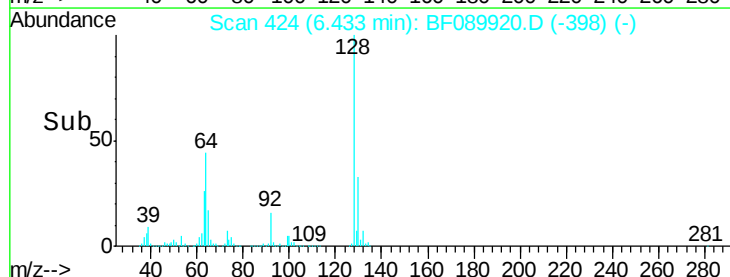


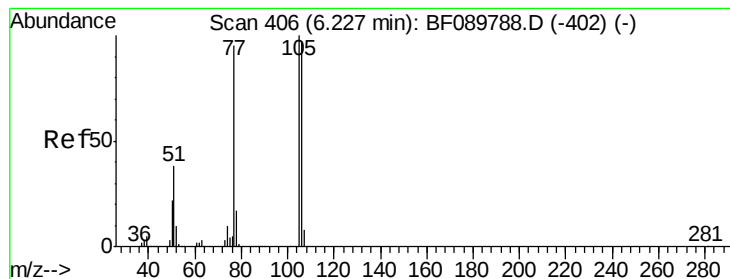
Abundance

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: 9.88 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

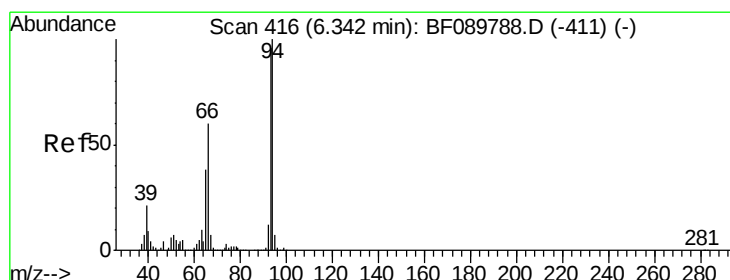
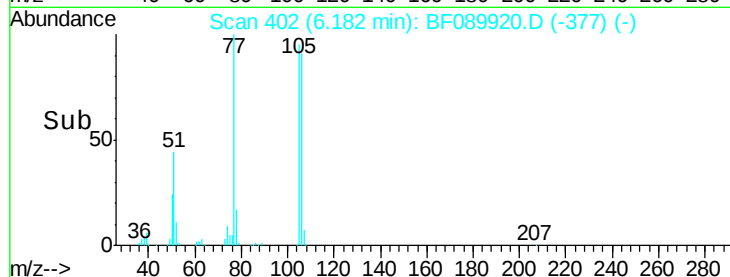
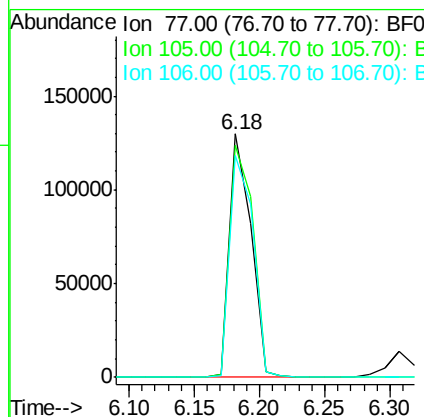
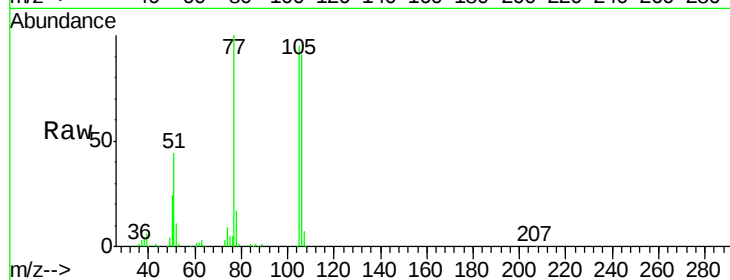
Tgt Ion: 77 Resp: 149373

Ion Ratio Lower Upper

77 100

105 95.5 73.3 113.3

106 91.2 68.6 108.6



#10

Phenol

Concen: 28.17 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

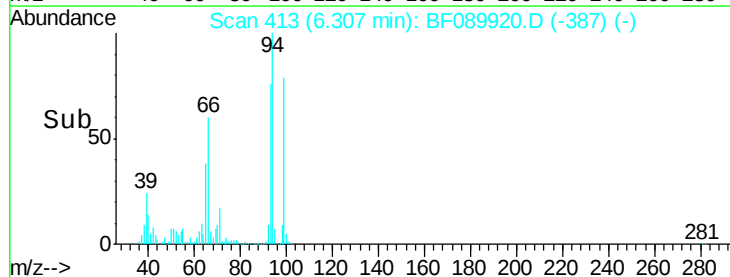
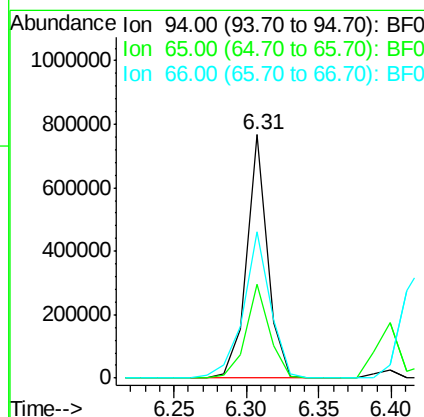
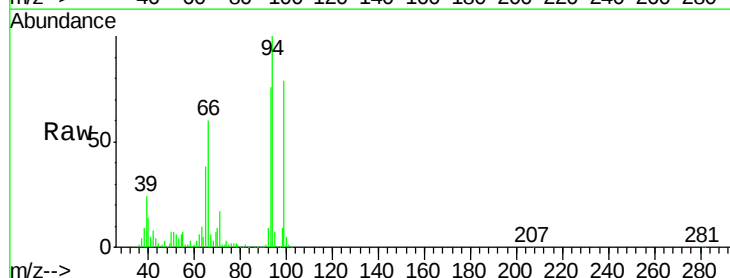
Tgt Ion: 94 Resp: 766648

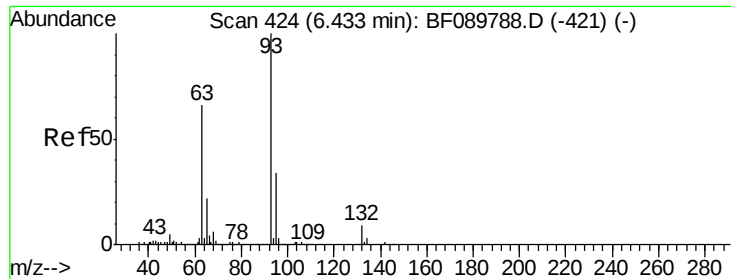
Ion Ratio Lower Upper

94 100

65 38.5 14.0 54.0

66 60.3 31.2 71.2

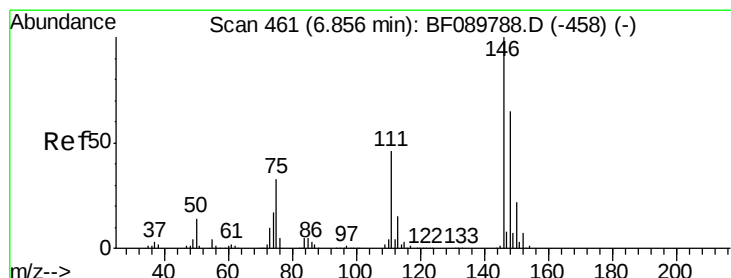
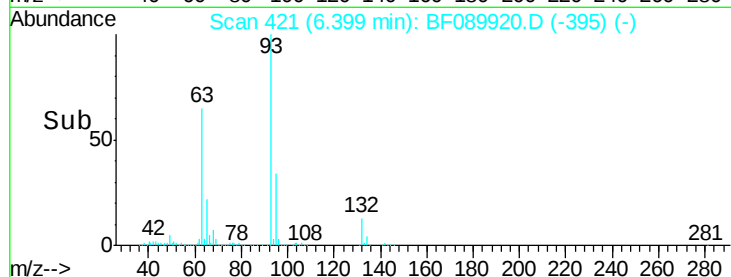
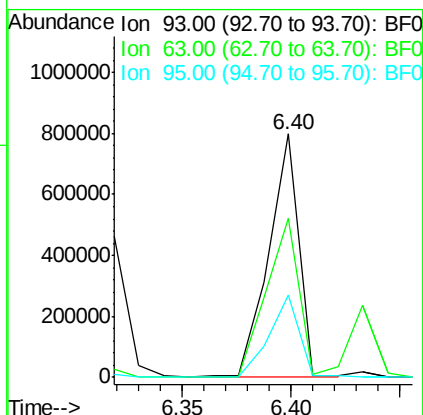
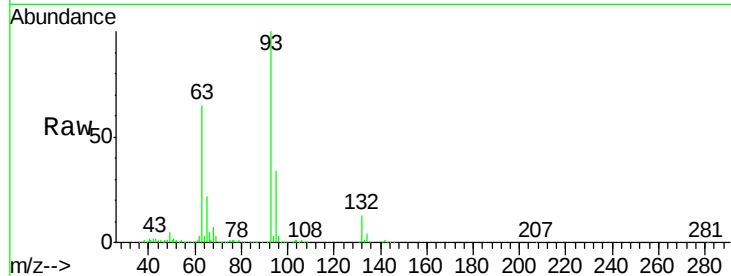




#11
 bis(2-Chloroethyl)ether
 Concen: 36.16 ng
 RT: 6.40 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

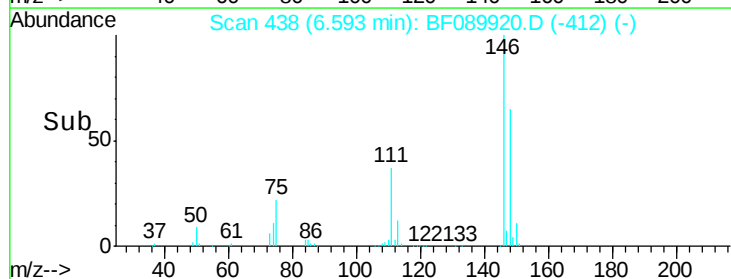
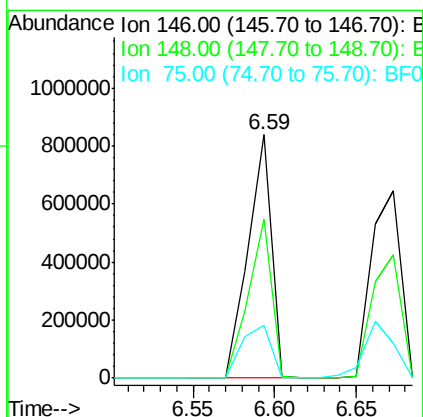
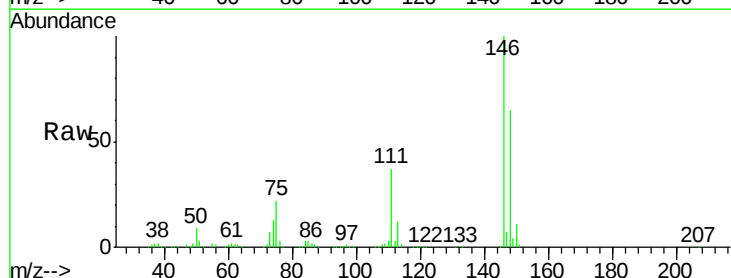
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	65.1	55.8	95.8
95	33.6	13.0	53.0



#12
 1,3-Dichlorobenzene
 Concen: 35.26 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.4
75	21.9	27.0	40.6#





#13

1,4-Dichlorobenzene

Concen: 34.30 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.08 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

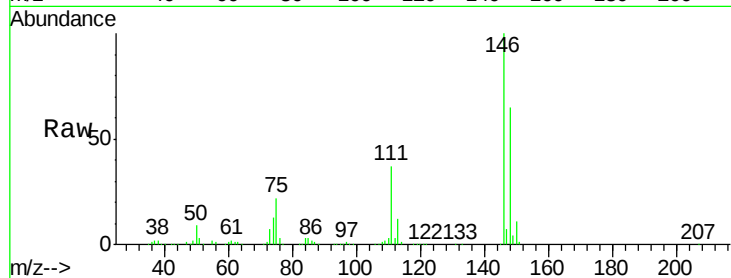
Tgt Ion:146 Resp: 833850

Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.6

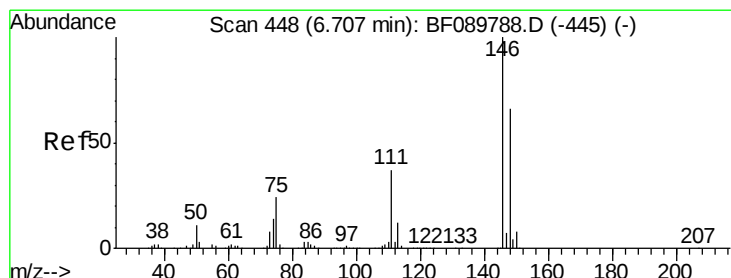
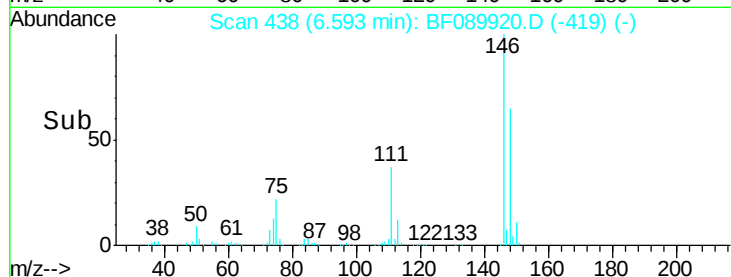
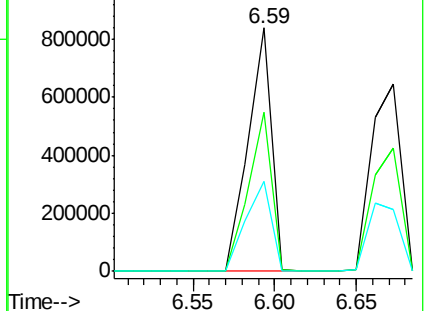
111 37.0 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.45 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

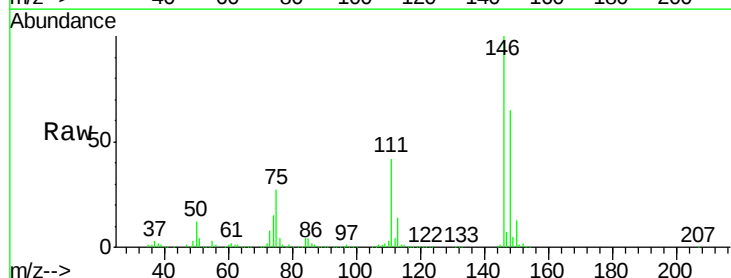
Tgt Ion:146 Resp: 804432

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

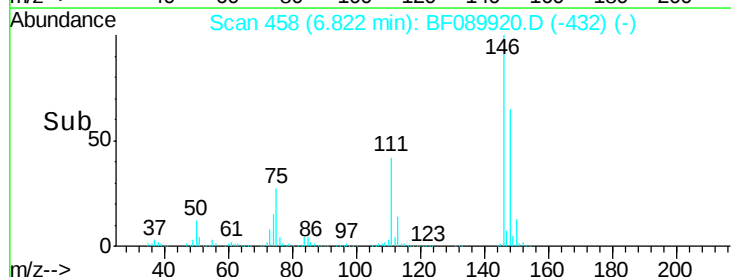
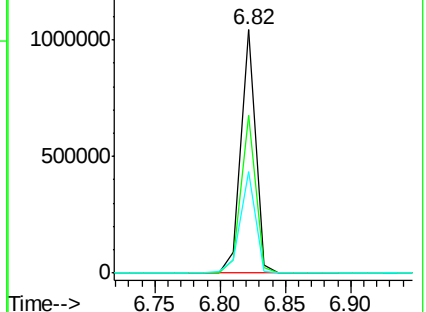
111 41.9 29.8 44.6

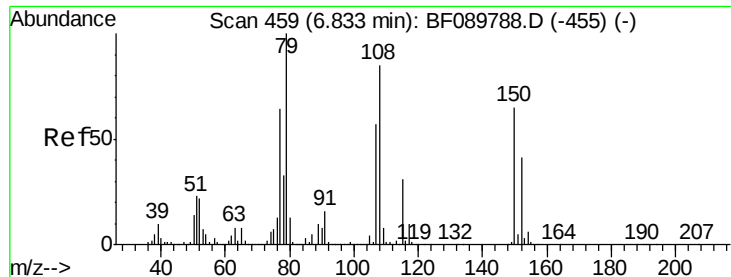


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.91 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

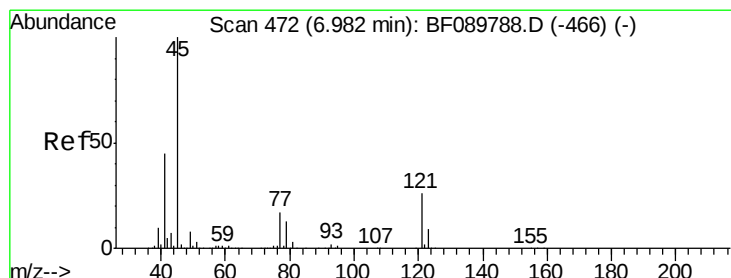
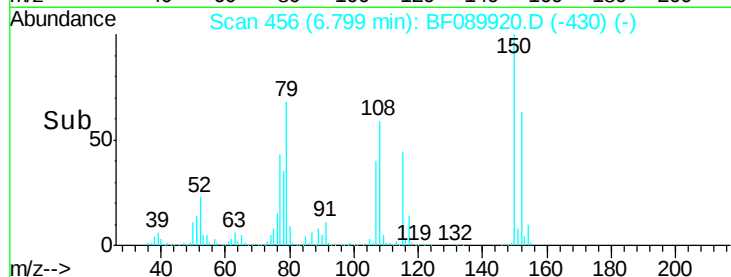
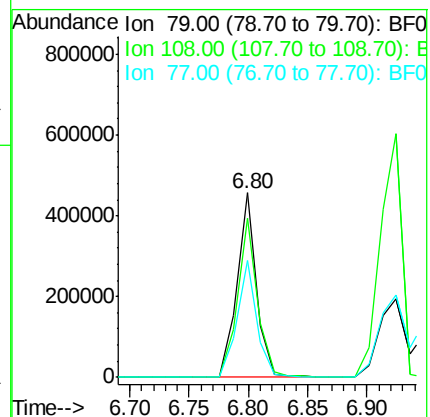
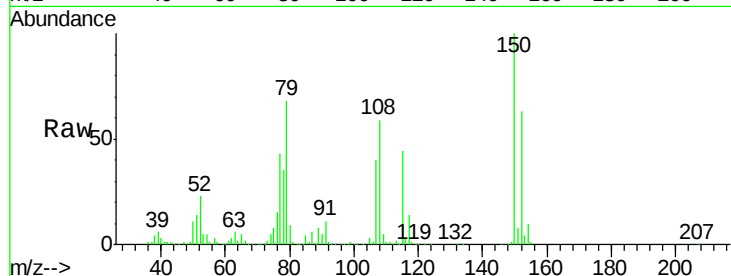
Tgt Ion: 79 Resp: 522219

Ion Ratio Lower Upper

79 100

108 86.2 62.5 93.7

77 63.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.78 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

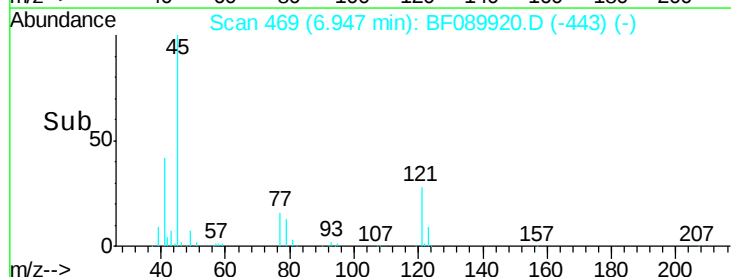
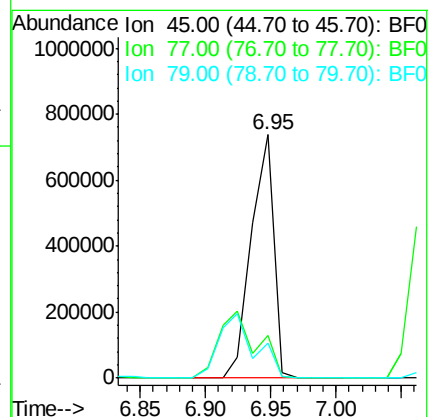
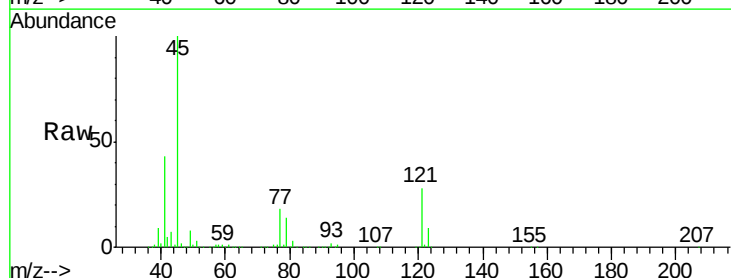
Tgt Ion: 45 Resp: 885255

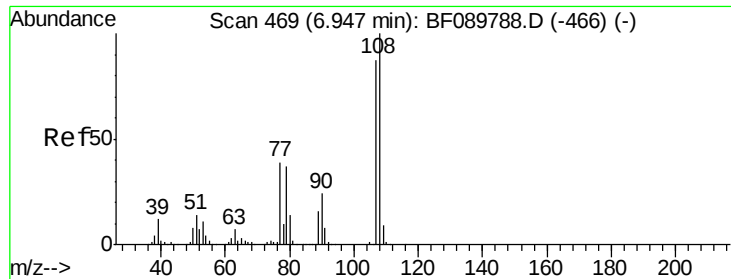
Ion Ratio Lower Upper

45 100

77 17.6 0.0 33.5

79 14.1 0.0 30.7

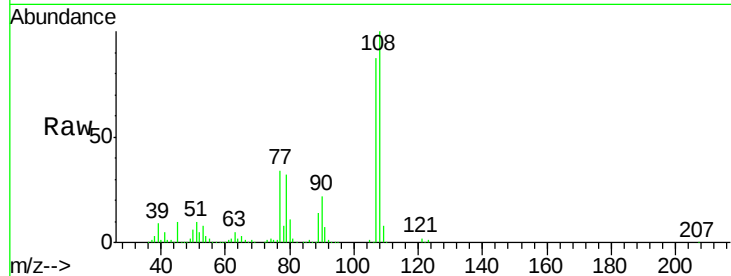




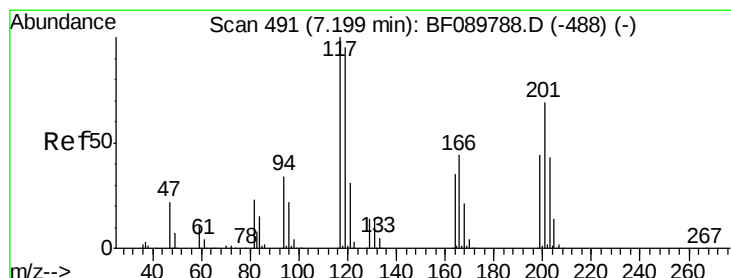
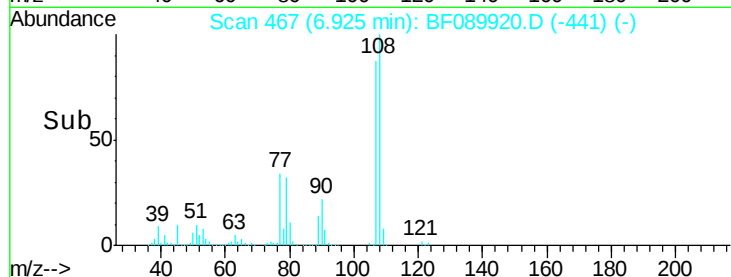
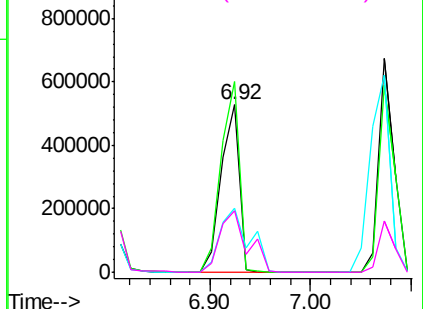
#17
2-Methylphenol
Concen: 37.39 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Tgt Ion:	107	Resp:	662363
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	38.7	37.4	56.0
79	37.1	36.6	55.0

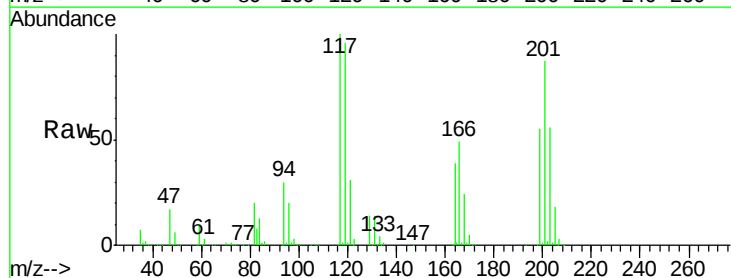


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

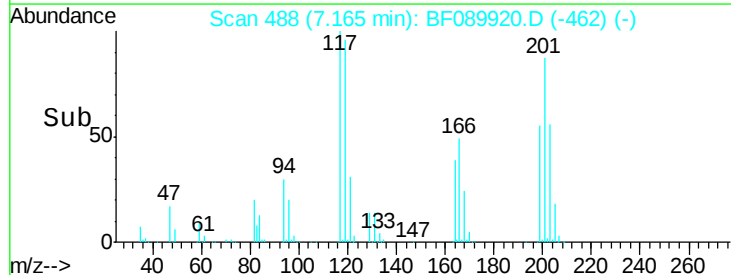
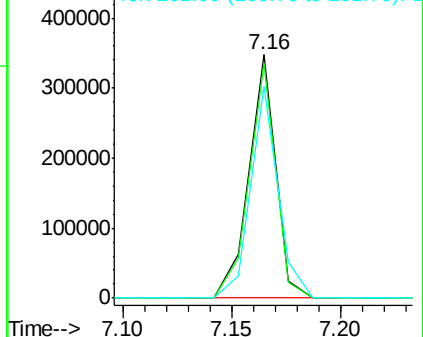


#18
Hexachloroethane
Concen: 34.37 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:	117	Resp:	297997
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
201	86.8	76.9	115.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

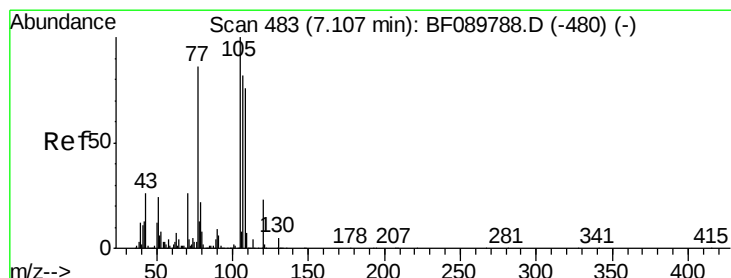
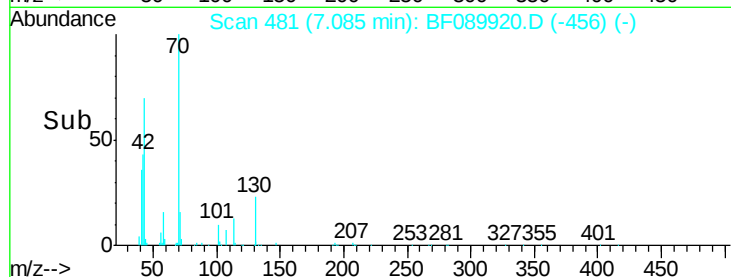
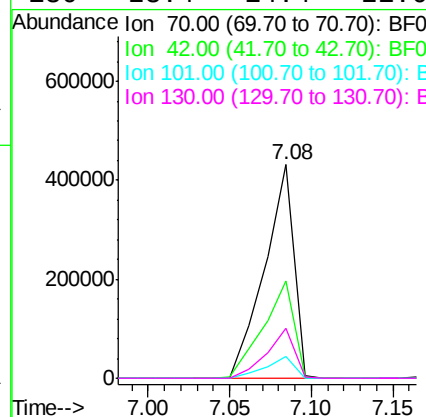
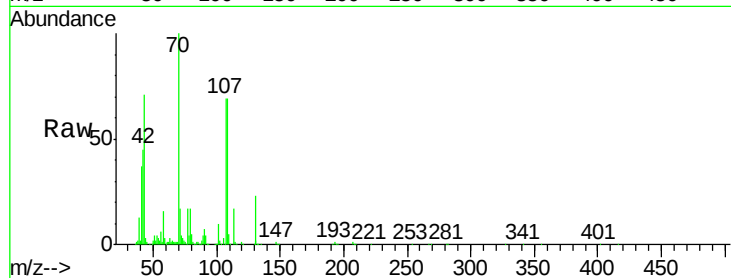




#19
n-Nitroso-di-n-propylamine
Concen: 36.57 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

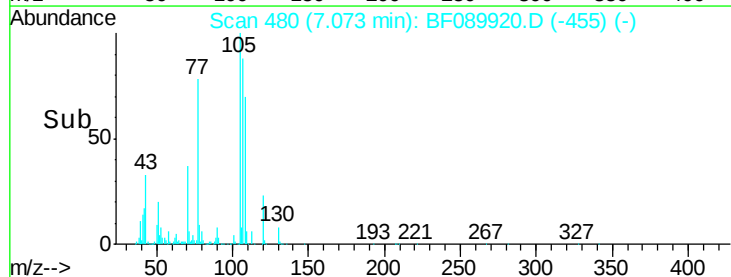
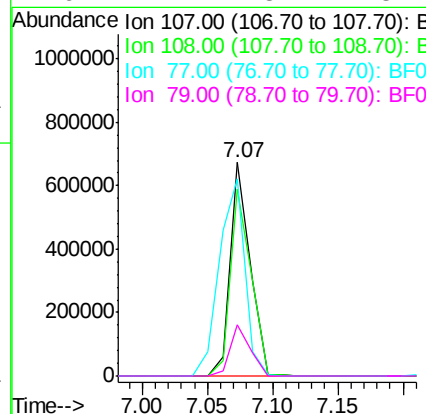
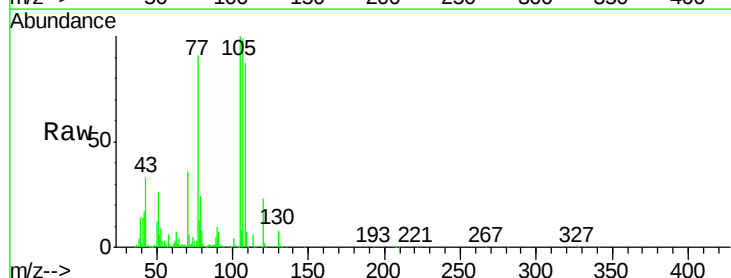
Instrument :
BNA_F
ClientSampleId :
PB93109BSD

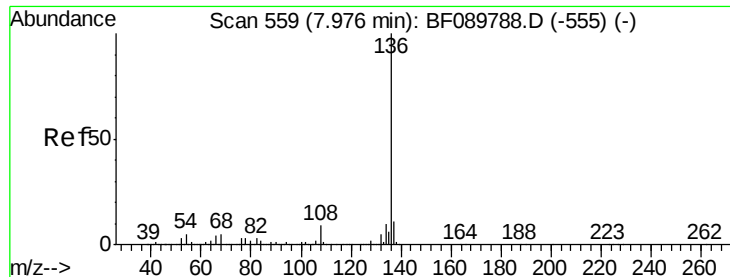
Tgt Ion:	70	Resp:	543027
Ion	Ratio	Lower	Upper
70	100		
42	45.3	46.3	69.5#
101	10.3	7.0	10.6
130	23.4	14.4	21.6#



#20
3+4-Methylphenols
Concen: 32.83 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:	107	Resp:	713254
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	92.0	122.3	162.3#
79	24.1	8.2	48.2

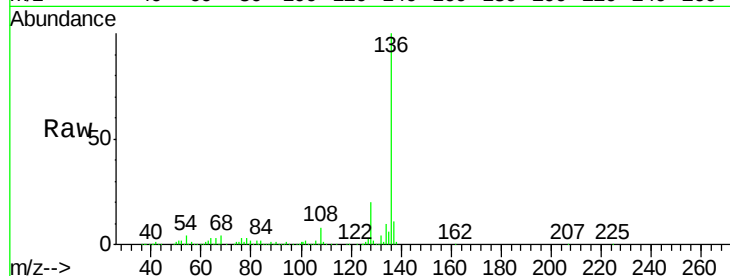




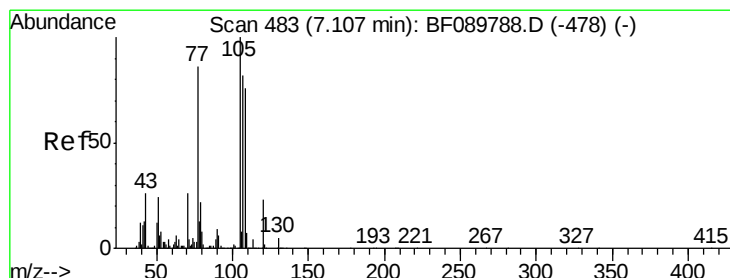
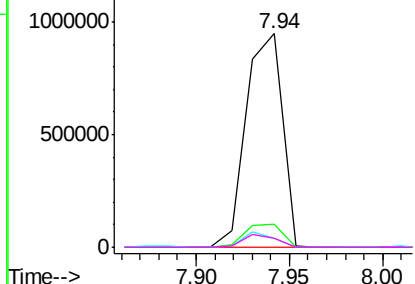
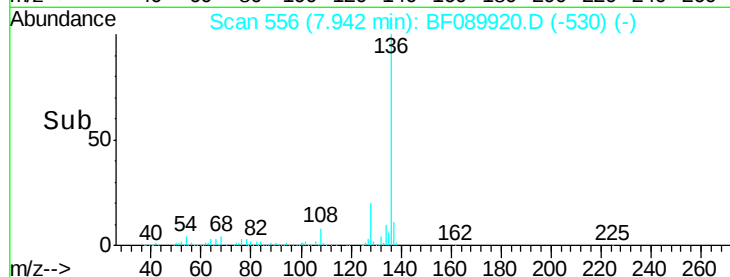
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Tgt Ion:	136	Resp:	1278248
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	4.2	7.2	10.8#
68	4.2	5.8	8.8#

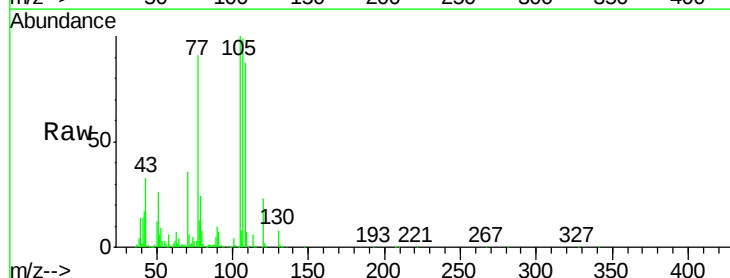


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

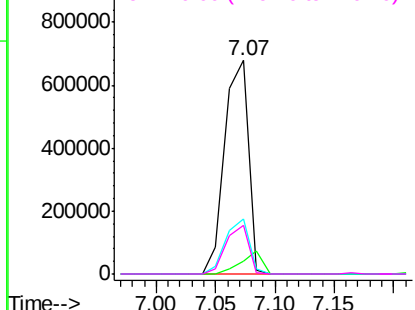
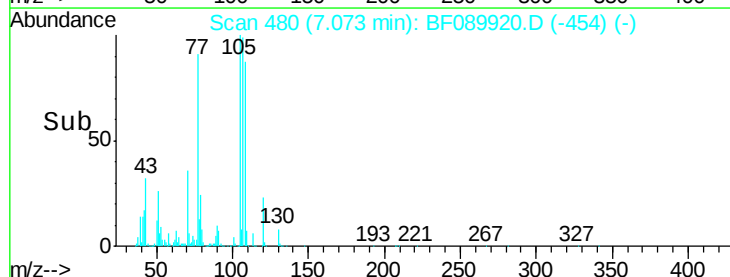


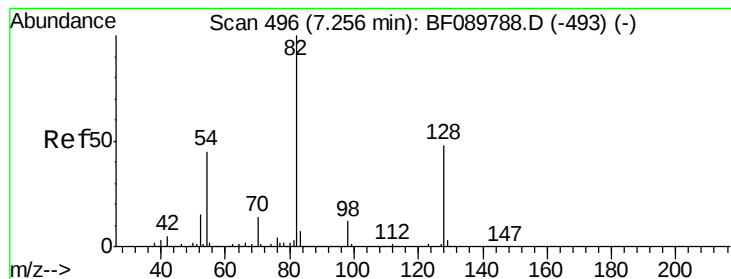
#22
Acetophenone
Concen: 32.05 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:	105	Resp:	940824
Ion	Ratio	Lower	Upper
105	100		
71	6.1	1.9	2.9#
51	25.7	28.5	42.7#
120	22.6	16.6	25.0



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





#23

Nitrobenzene-d5

Concen: 69.30 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

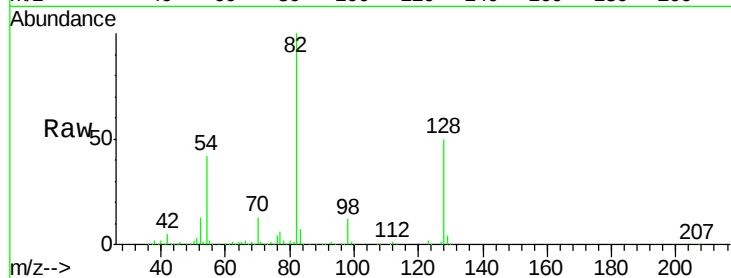
Tgt Ion: 82 Resp: 1425771

Ion Ratio Lower Upper

82 100

128 50.0 34.4 51.6

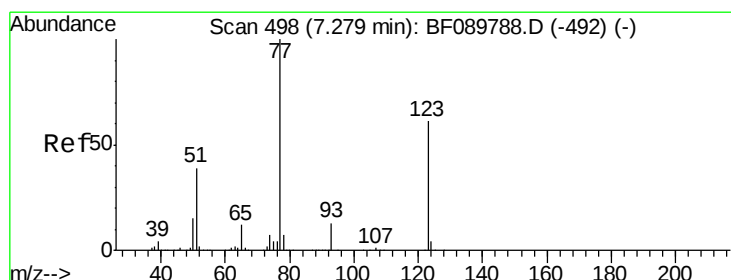
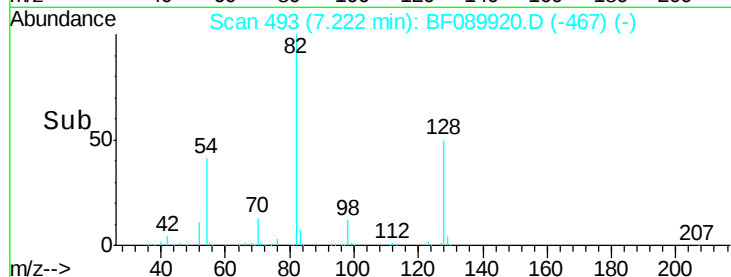
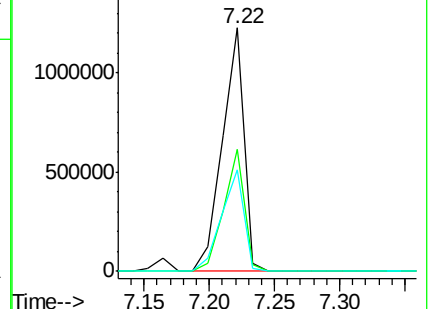
54 41.9 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 31.01 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

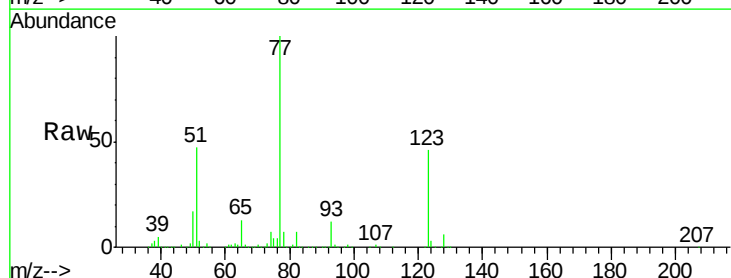
Tgt Ion: 77 Resp: 715941

Ion Ratio Lower Upper

77 100

123 45.5 36.2 54.2

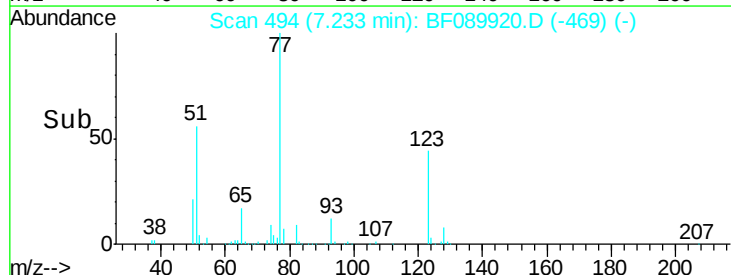
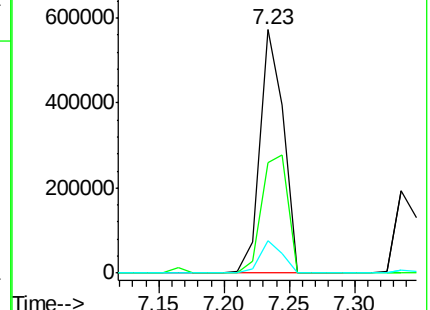
65 13.3 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.64 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

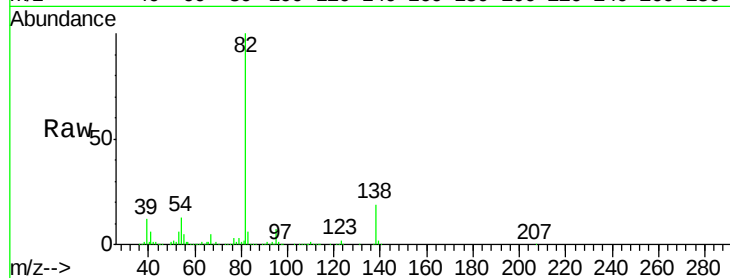
Tgt Ion: 82 Resp: 1437324

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

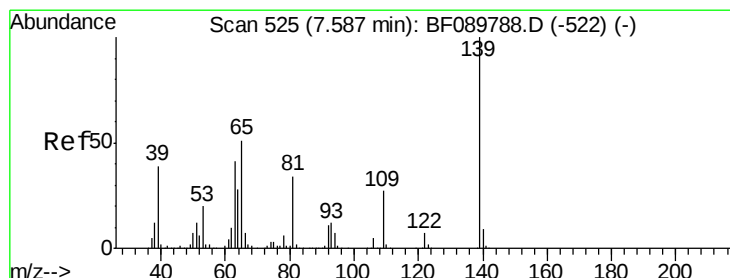
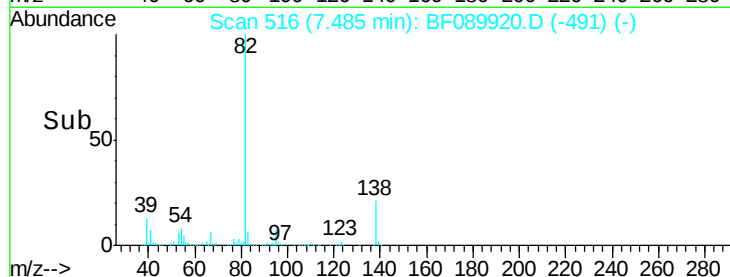
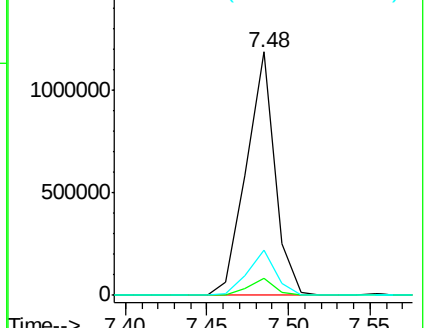
138 18.8 13.0 19.4



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: 33.87 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

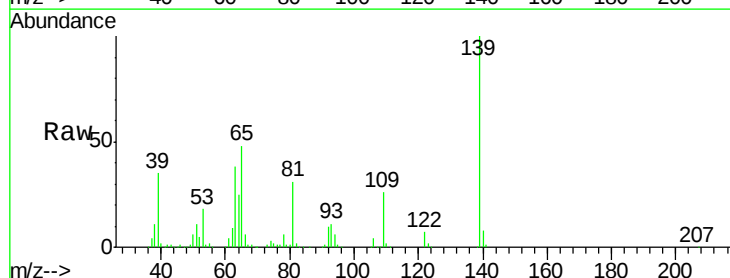
Tgt Ion: 139 Resp: 390075

Ion Ratio Lower Upper

139 100

109 26.1 19.5 29.3

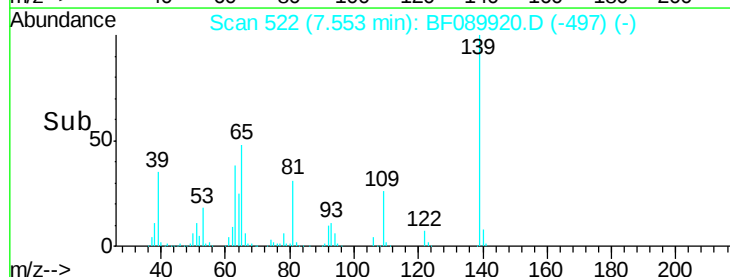
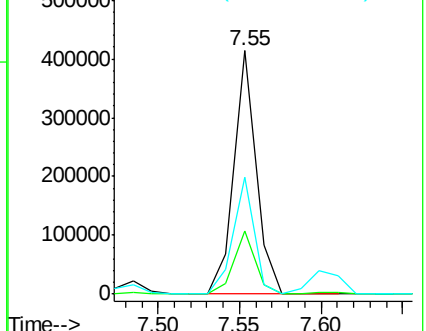
65 48.1 26.5 39.7#

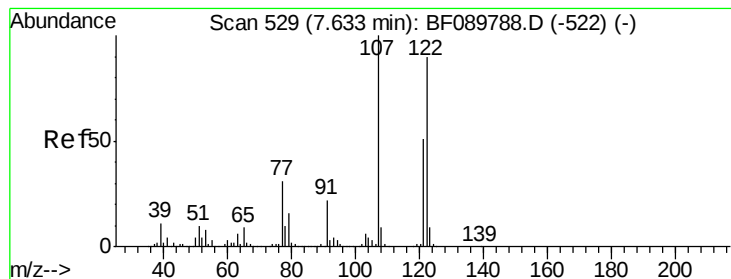


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.75 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

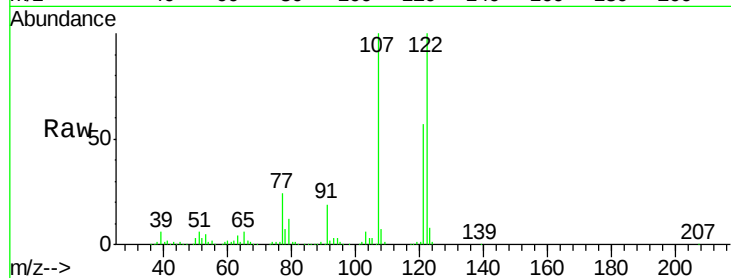
Tgt Ion:122 Resp: 721379

Ion Ratio Lower Upper

122 100

107 100.1 84.8 127.2

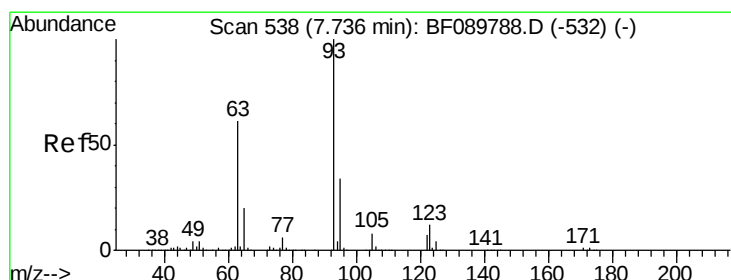
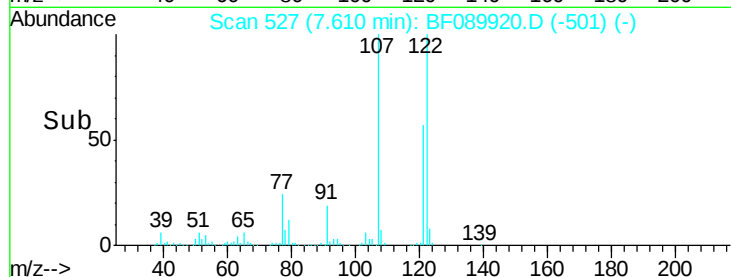
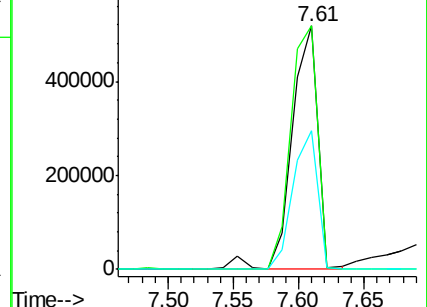
121 57.0 47.0 70.6



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: 37.18 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

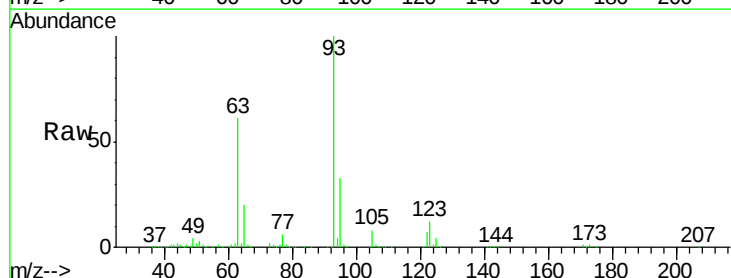
Tgt Ion: 93 Resp: 954691

Ion Ratio Lower Upper

93 100

95 33.4 25.5 38.3

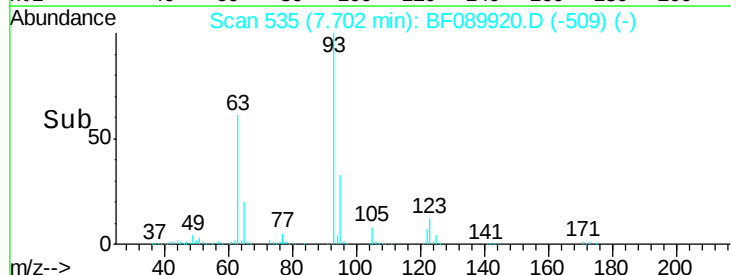
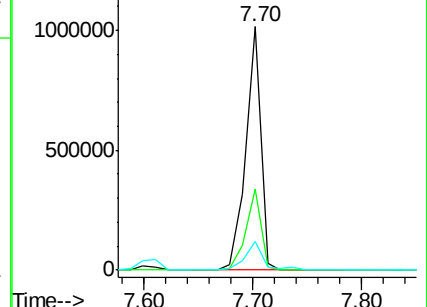
123 11.7 8.5 12.7

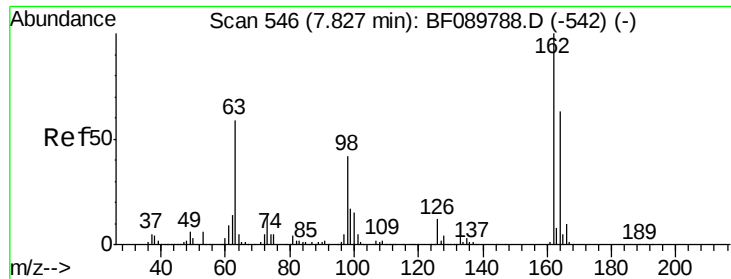


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

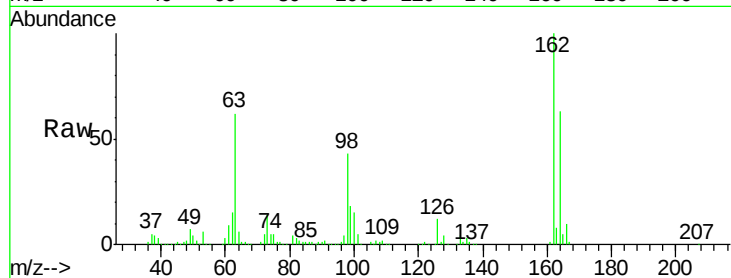




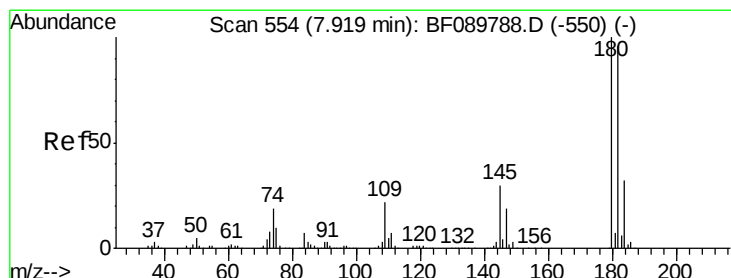
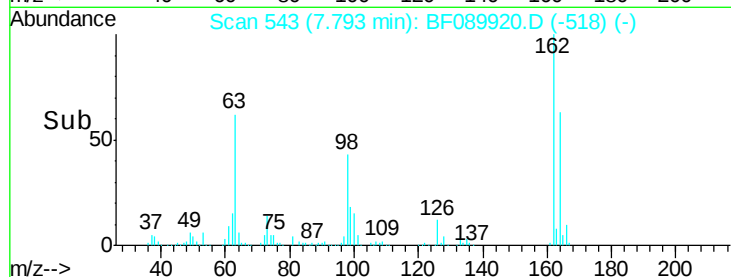
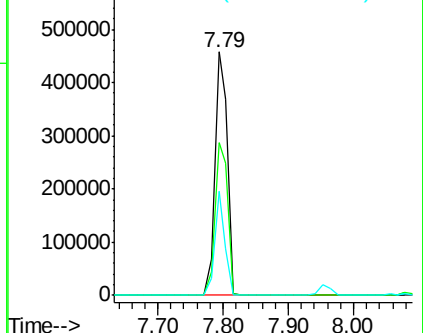
#29
 2,4-Dichlorophenol
 Concen: 35.87 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	45.5	85.5
98	42.9	12.4	52.4

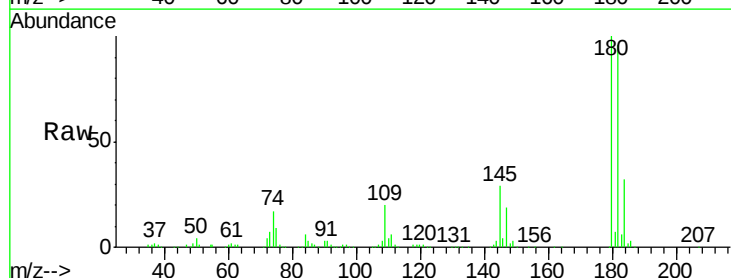


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

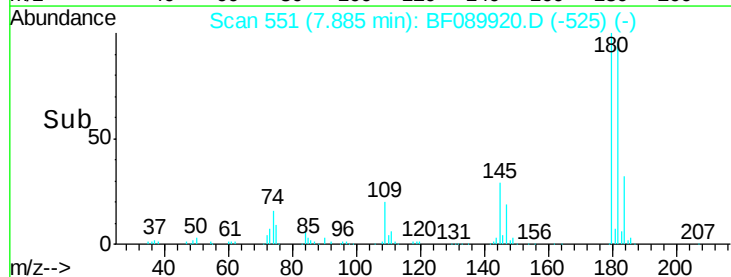
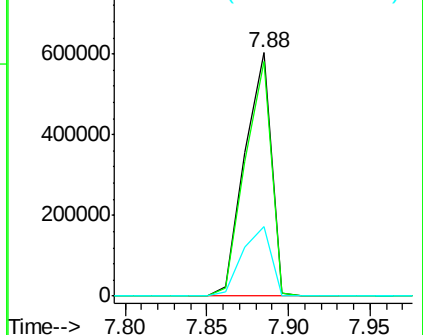


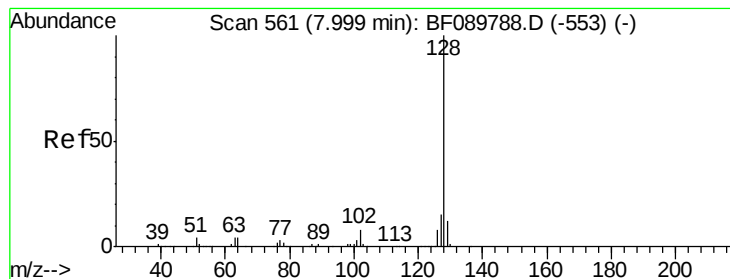
#30
 1,2,4-Trichlorobenzene
 Concen: 35.26 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.5	113.3
145	28.7	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: 34.73 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

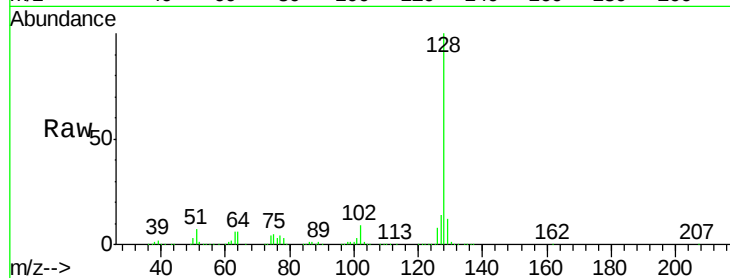
Tgt Ion:128 Resp: 2074629

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

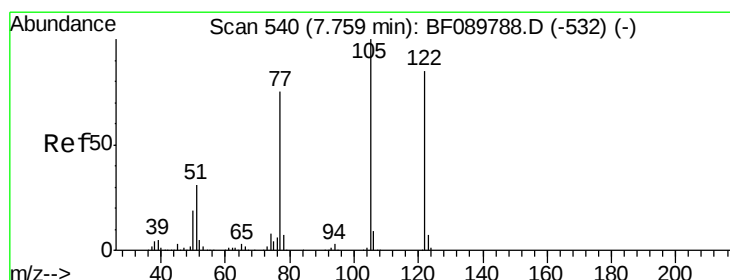
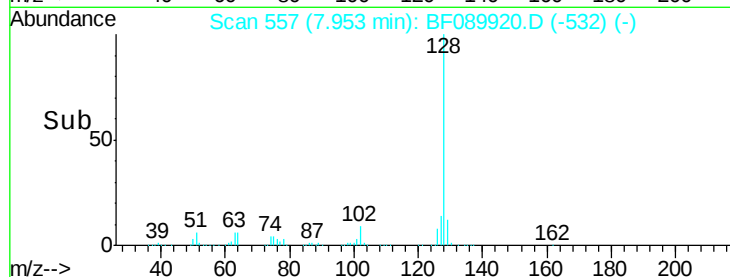
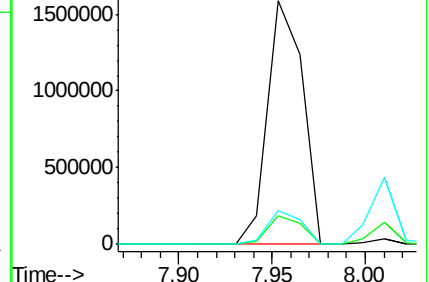
127 13.7 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.50 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.03 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

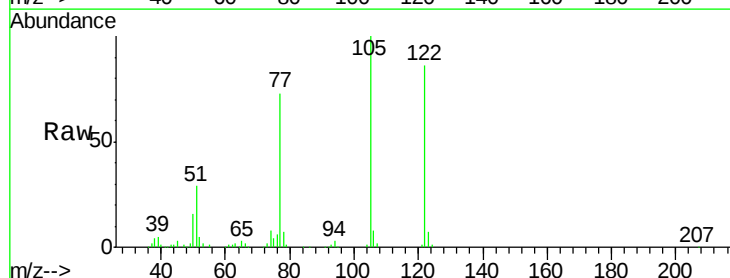
Tgt Ion:122 Resp: 396259

Ion Ratio Lower Upper

122 100

105 116.8 100.8 140.8

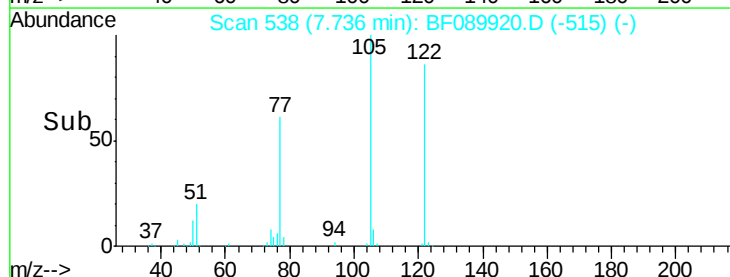
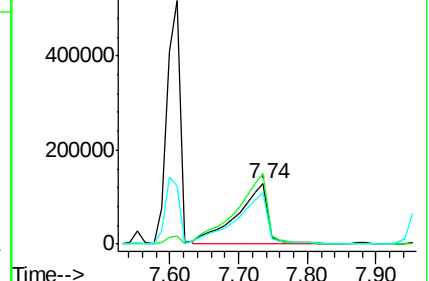
77 84.7 72.1 112.1

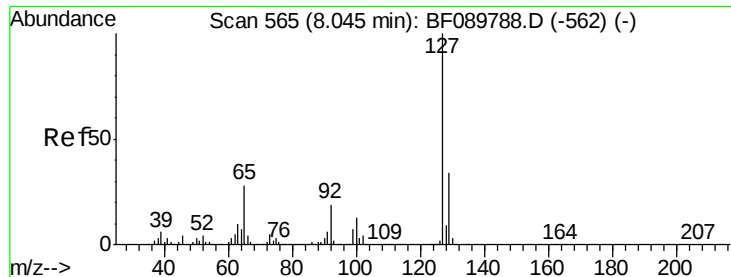


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

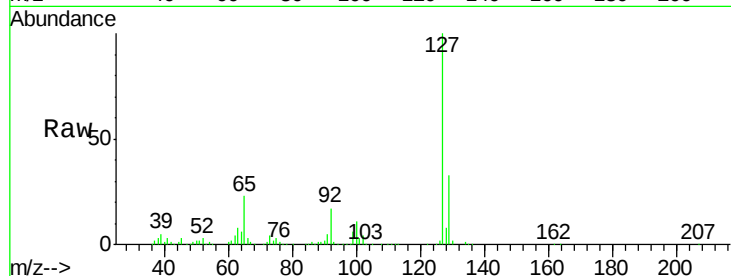




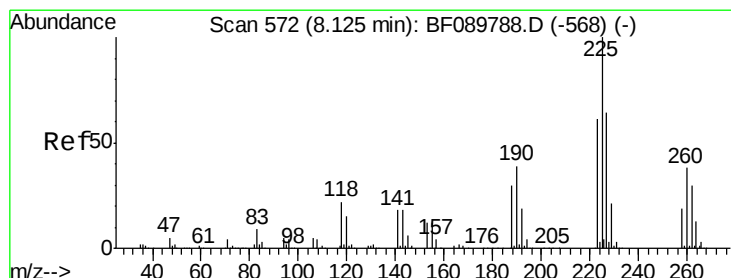
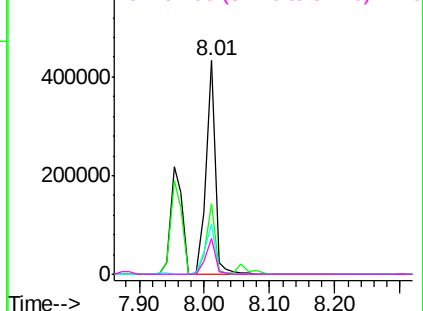
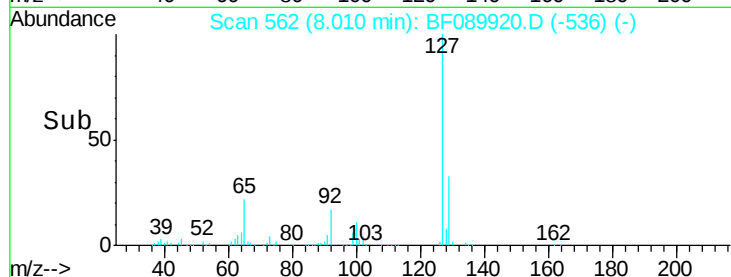
#33
4-Chloroaniline
Concen: 16.25 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Tgt Ion:	127	Resp:	420763
Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.0	40.6
65	23.3	14.7	22.1#
92	16.6	11.7	17.5

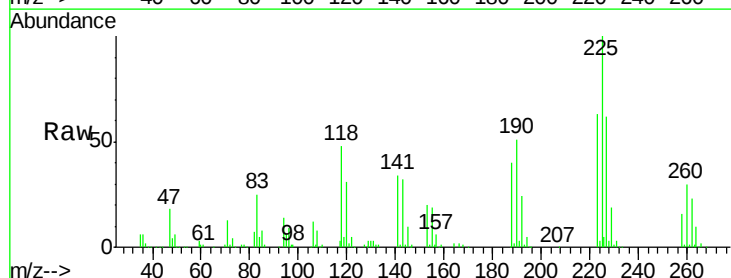


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

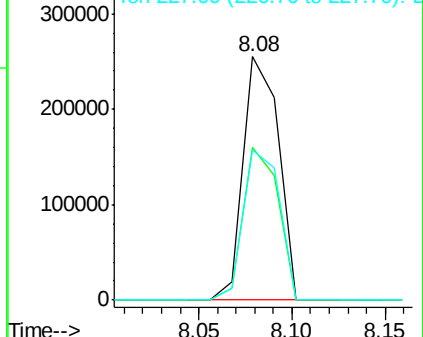
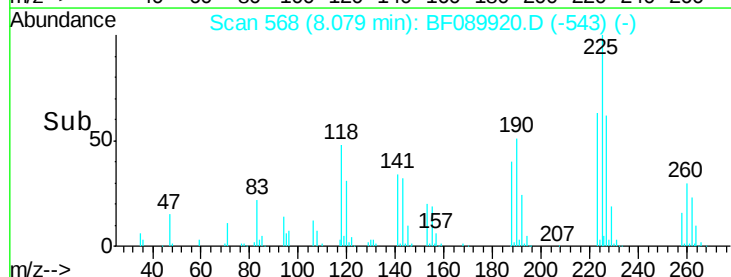


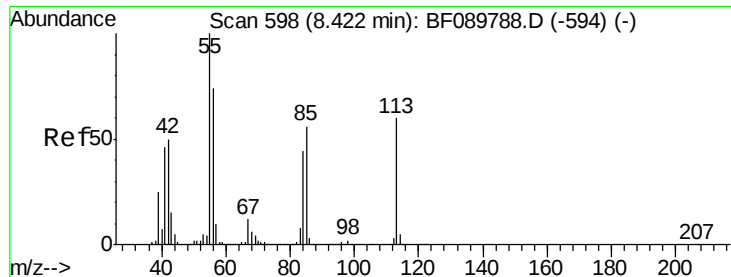
#34
Hexachlorobutadiene
Concen: 33.12 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:	225	Resp:	334107
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	61.6	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: 10.44 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.02 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

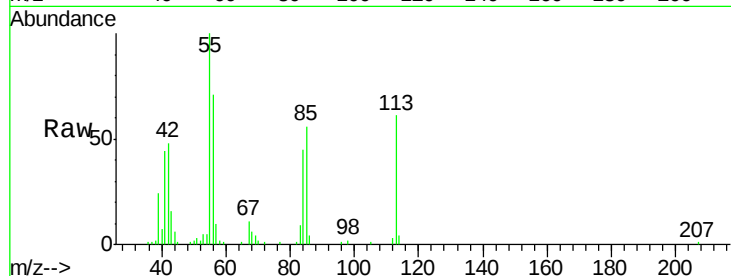
Tgt Ion:113 Resp: 55375

Ion Ratio Lower Upper

113 100

55 163.9 135.9 175.9

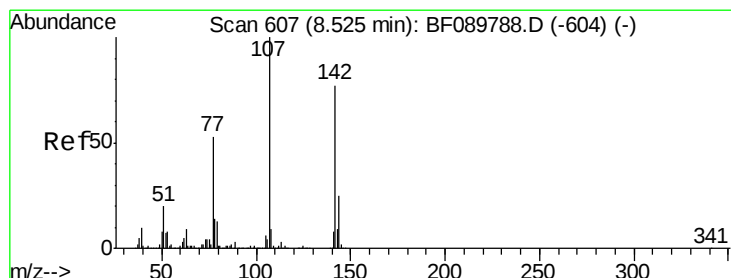
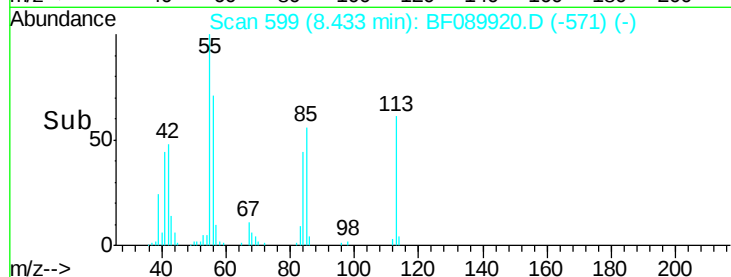
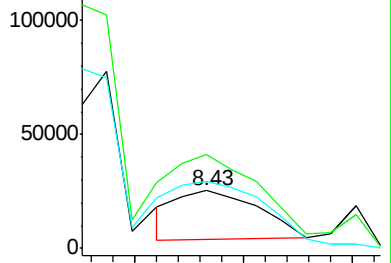
56 116.7 93.9 133.9



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: 35.58 ng

RT: 8.50 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

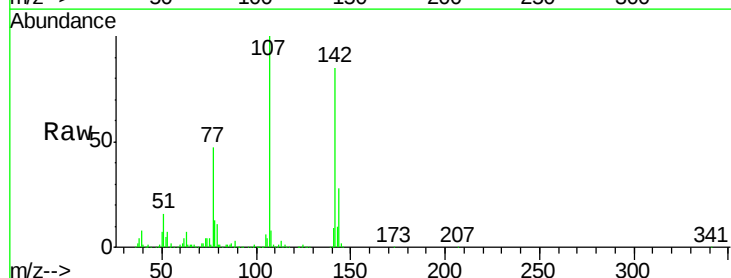
Tgt Ion:107 Resp: 671234

Ion Ratio Lower Upper

107 100

144 27.8 22.6 34.0

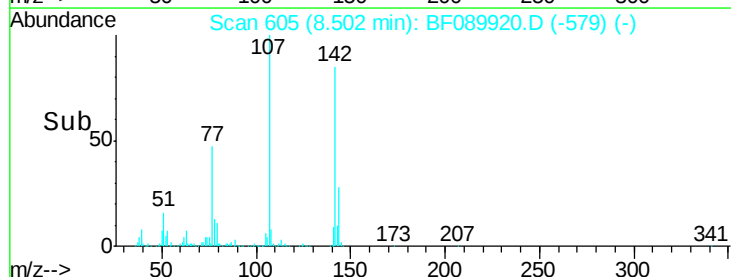
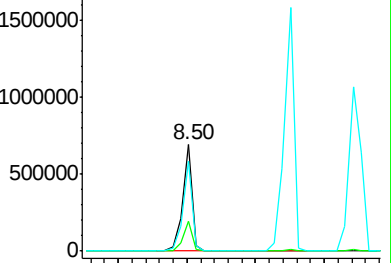
142 84.6 69.3 103.9

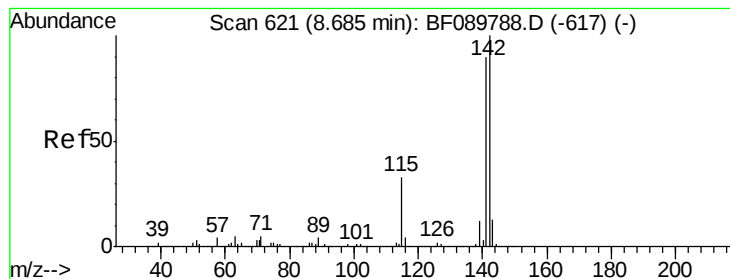


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.02 ng

RT: 8.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

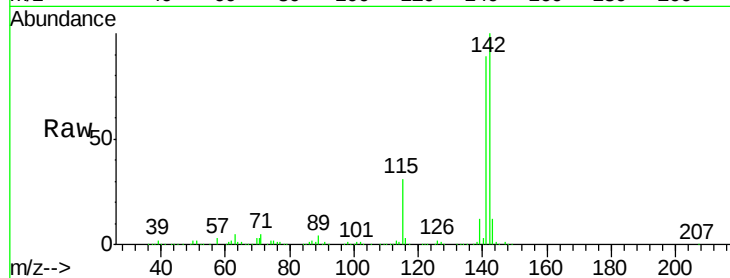
Tgt Ion:142 Resp: 1508146

Ion Ratio Lower Upper

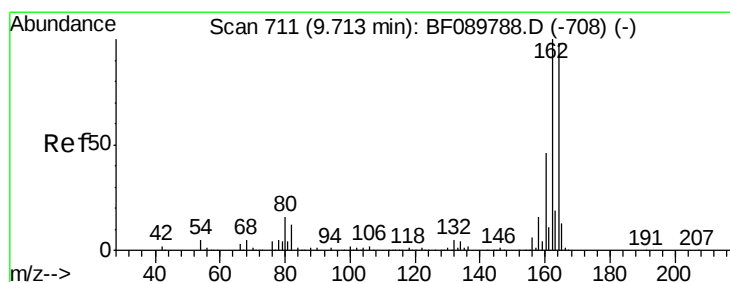
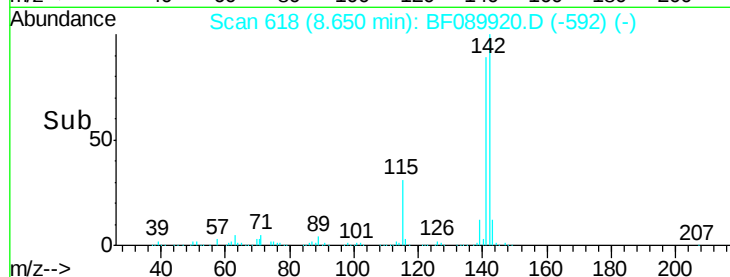
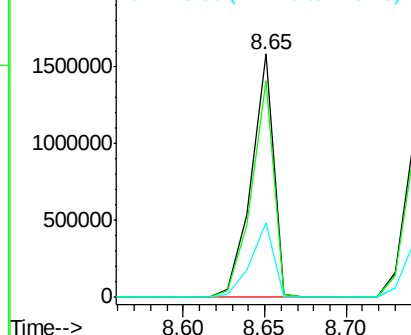
142 100

141 89.2 71.4 107.2

115 30.9 22.7 34.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

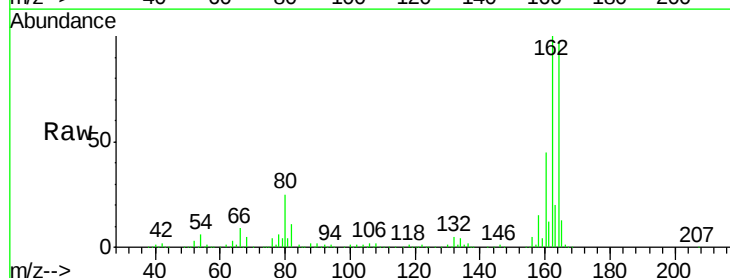
Tgt Ion:164 Resp: 594237

Ion Ratio Lower Upper

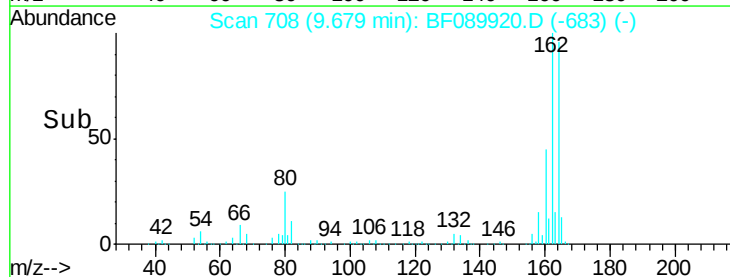
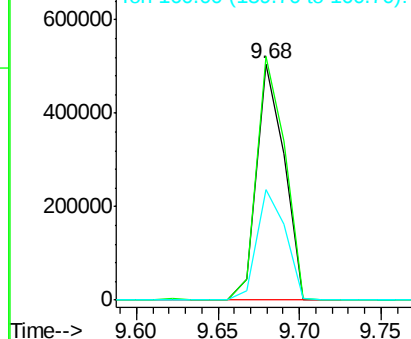
164 100

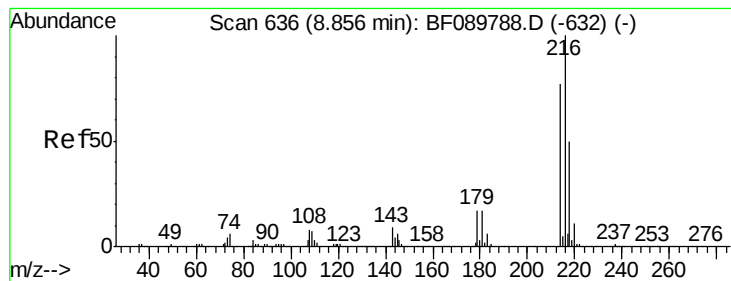
162 103.2 81.4 122.2

160 46.9 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.67 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

Tgt Ion:216 Resp: 493916

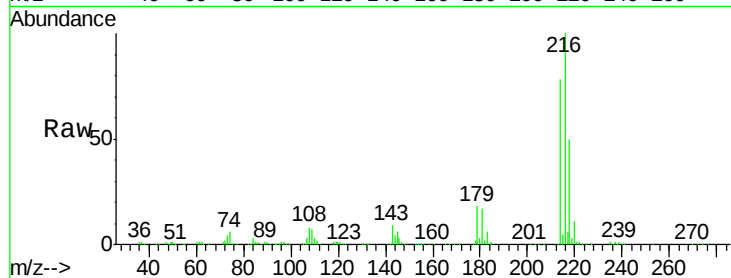
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 21.1 19.9 29.9

108 20.6 19.9 29.9

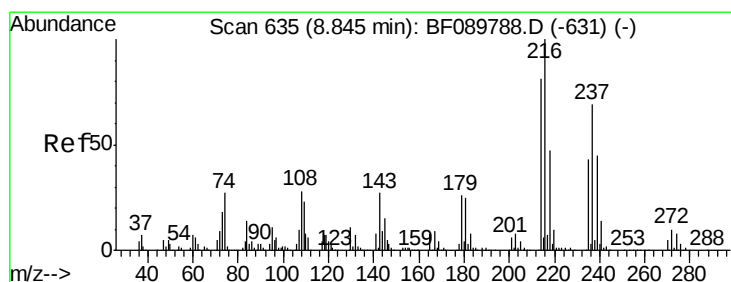
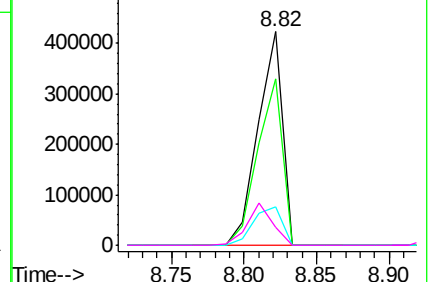
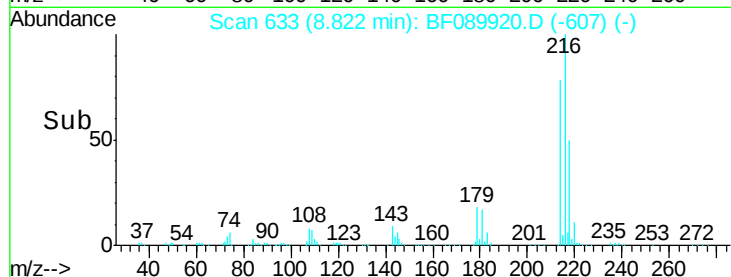


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.27 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

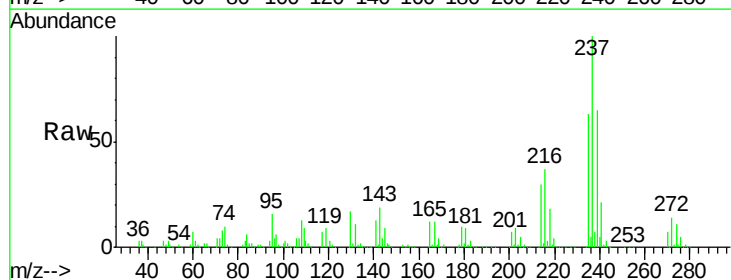
Tgt Ion:237 Resp: 656551

Ion Ratio Lower Upper

237 100

235 63.4 43.7 83.7

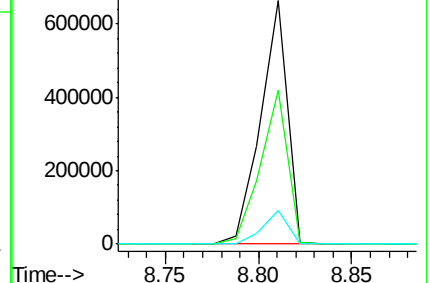
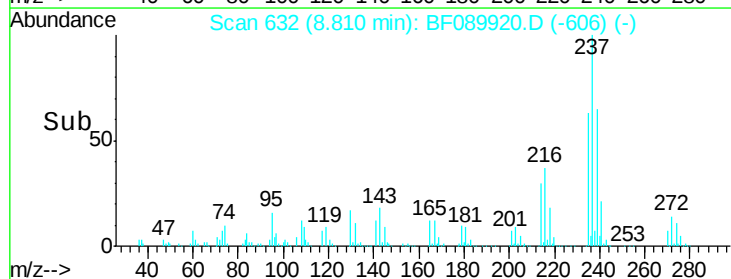
272 14.0 0.0 31.6

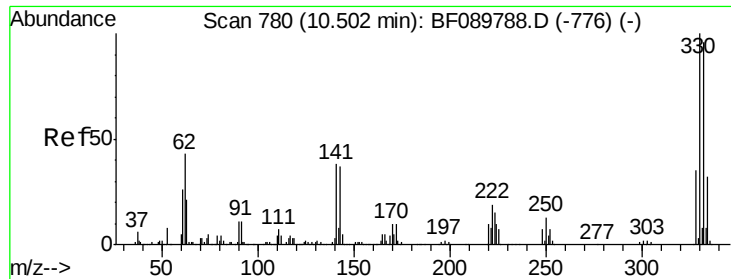


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

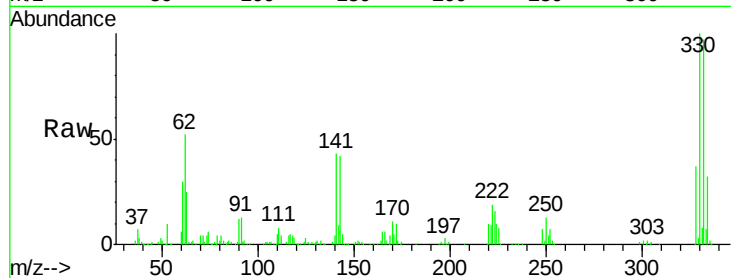




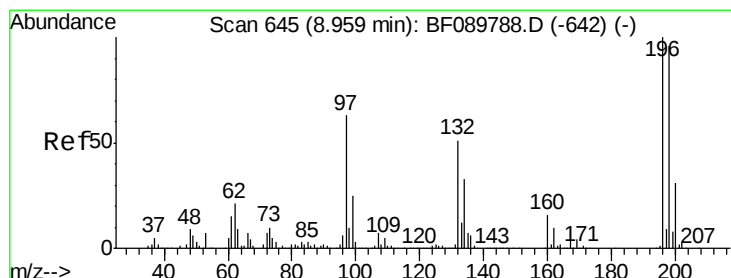
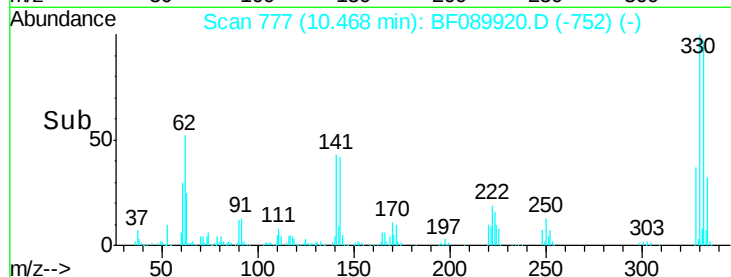
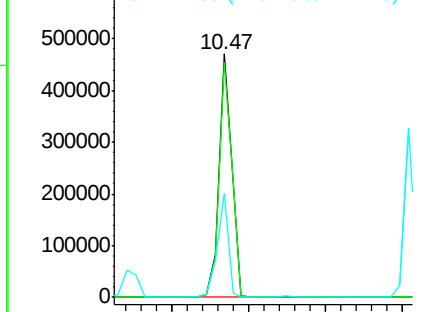
#41
 2,4,6-Tribromophenol
 Concen: 96.26 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tgt Ion:330 Resp: 543597
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.7 115.1
 141 36.7 30.2 45.2

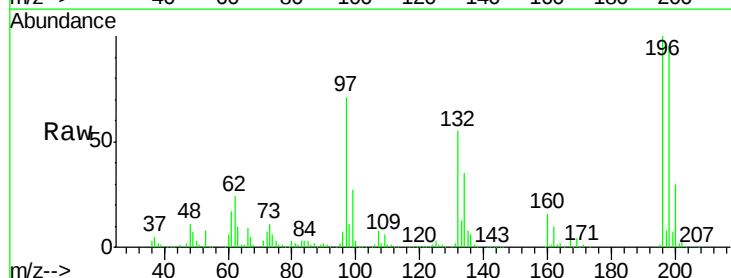


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

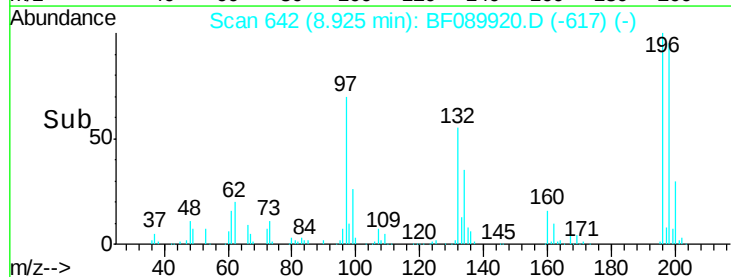
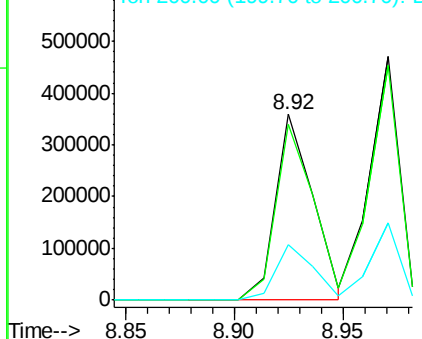


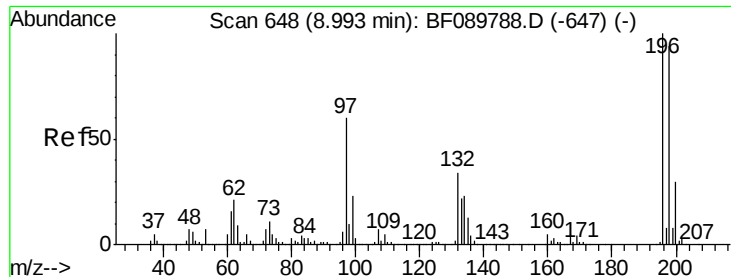
#42
 2,4,6-Trichlorophenol
 Concen: 35.79 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:196 Resp: 433321
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 200 30.1 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

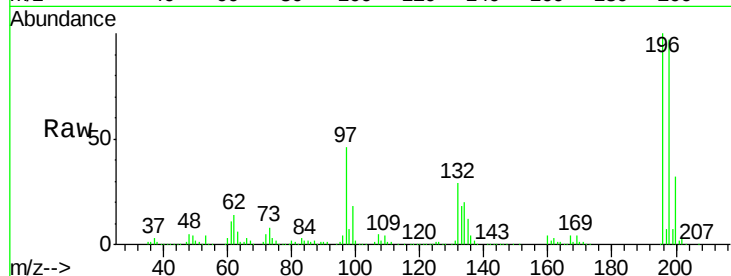




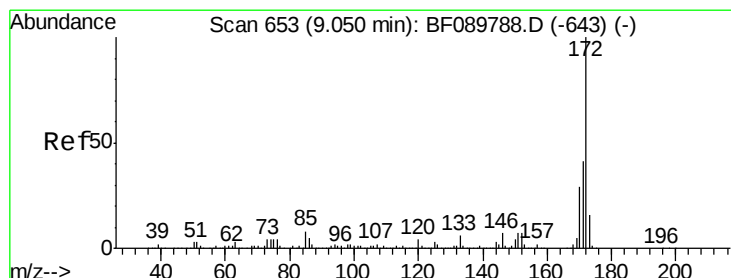
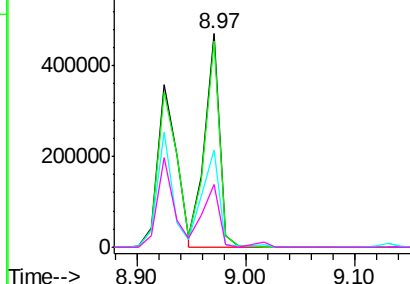
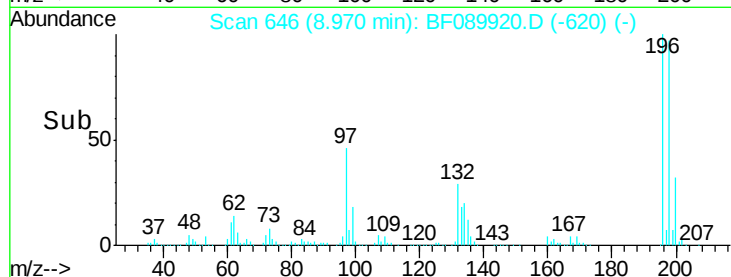
#43
 2,4,5-Trichlorophenol
 Concen: 37.44 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tgt Ion:196 Resp: 450774
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.6 114.8
 97 45.7 35.8 53.8
 132 29.2 23.5 35.3

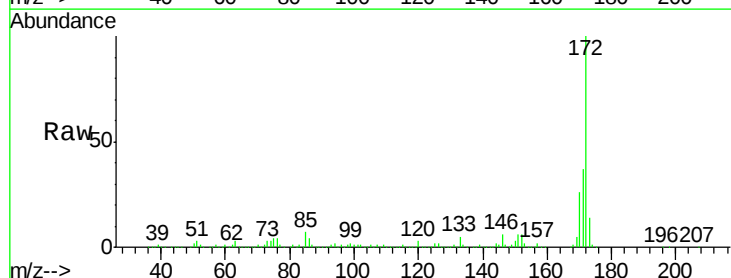


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

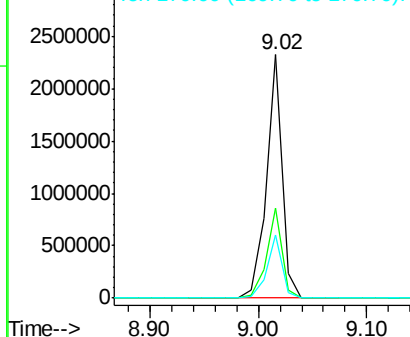
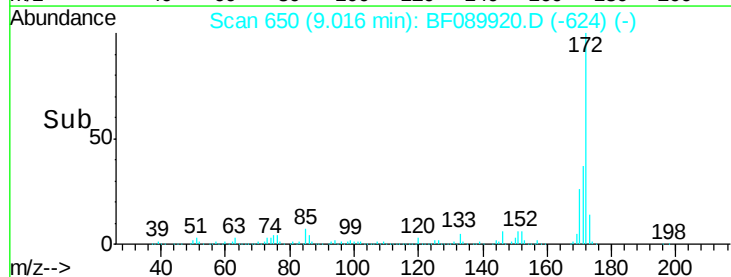


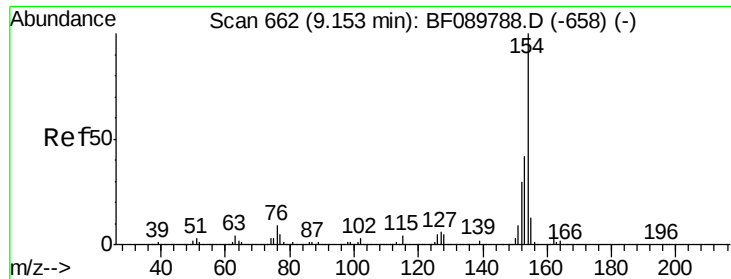
#44
 2-Fluorobiphenyl
 Concen: 68.99 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:172 Resp: 2332661
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 25.8 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

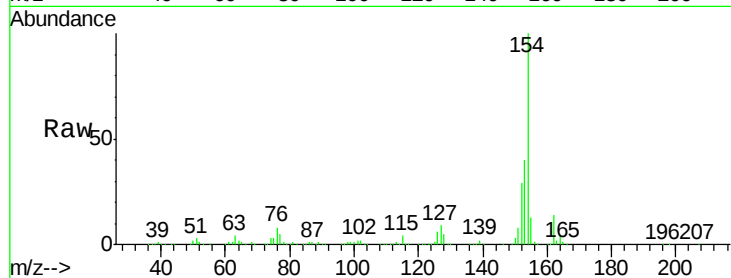




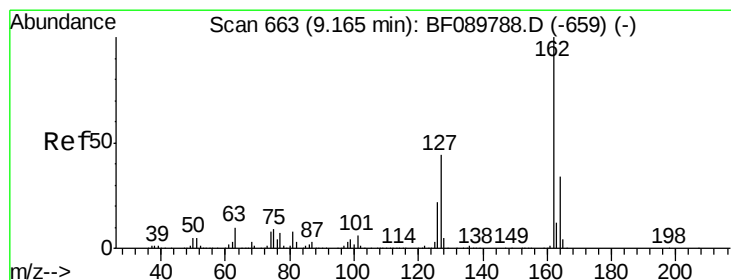
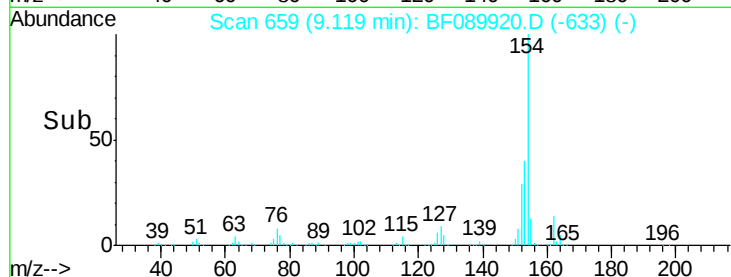
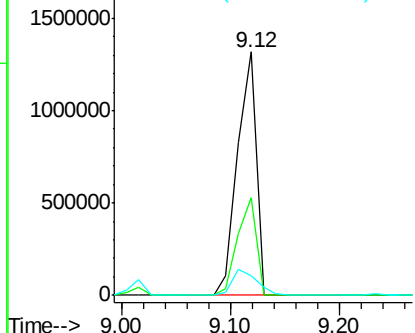
#45
 1,1'-Biphenyl
 Concen: 33.64 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tgt Ion:154 Resp: 1546771
 Ion Ratio Lower Upper
 154 100
 153 39.9 21.5 61.5
 76 8.2 0.0 36.7

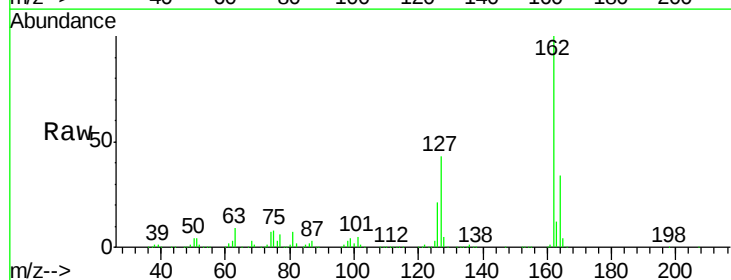


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

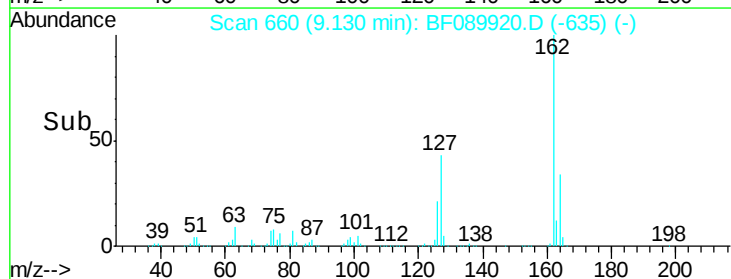
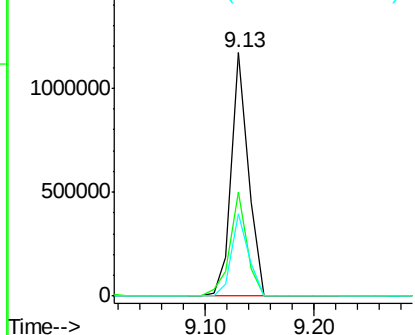


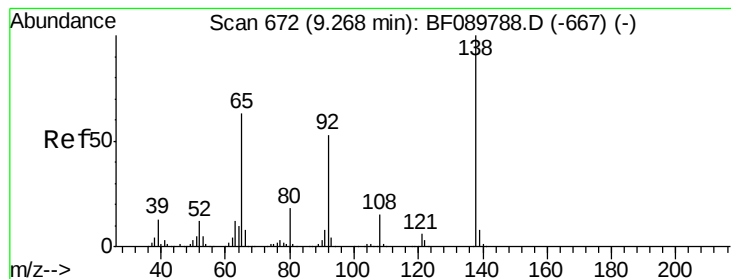
#46
 2-Chloronaphthalene
 Concen: 34.45 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:162 Resp: 1252232
 Ion Ratio Lower Upper
 162 100
 127 42.8 35.5 53.3
 164 33.7 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: 42.38 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

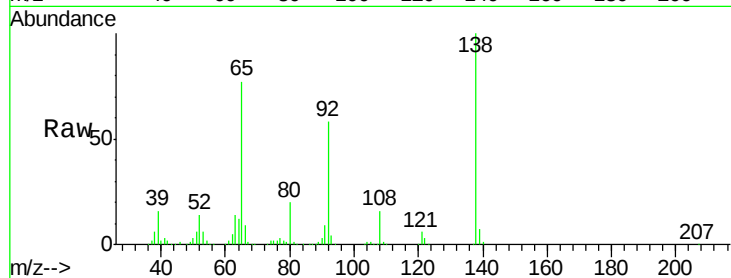
Tgt Ion: 65 Resp: 439395

Ion Ratio Lower Upper

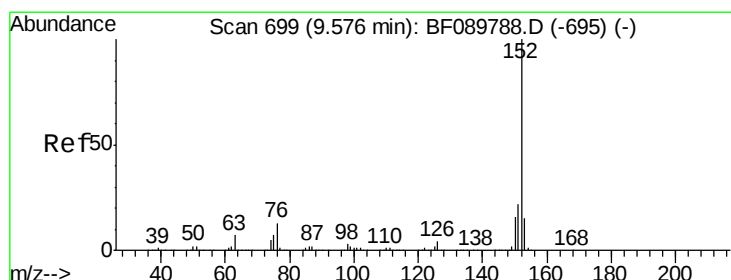
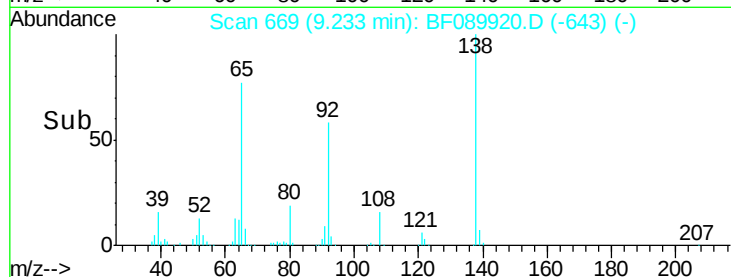
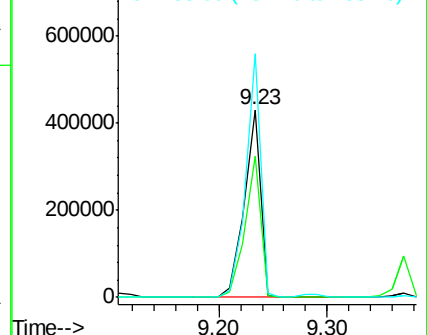
65 100

92 75.4 56.3 84.5

138 129.8 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: 35.70 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

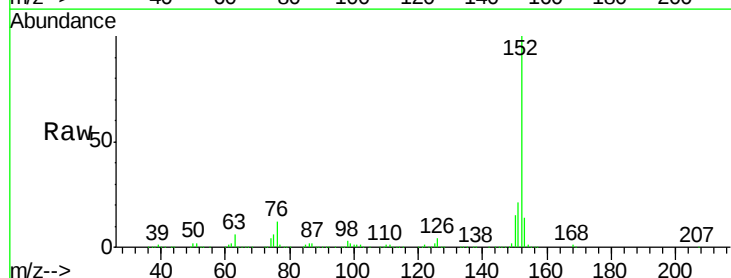
Tgt Ion: 152 Resp: 1950340

Ion Ratio Lower Upper

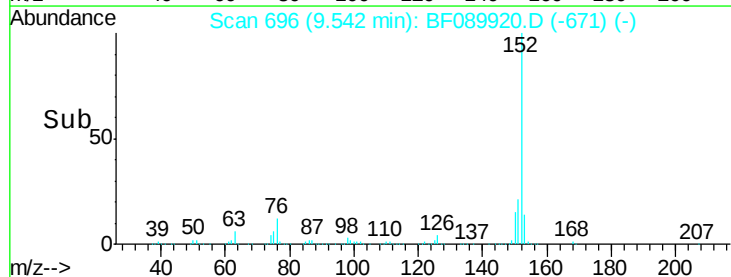
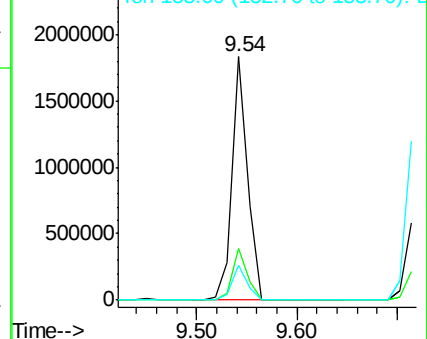
152 100

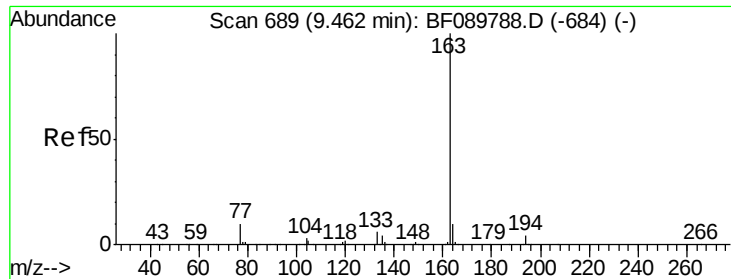
151 21.3 17.1 25.7

153 14.3 11.2 16.8



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





#49

Dimethylphthalate

Concen: 40.05 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

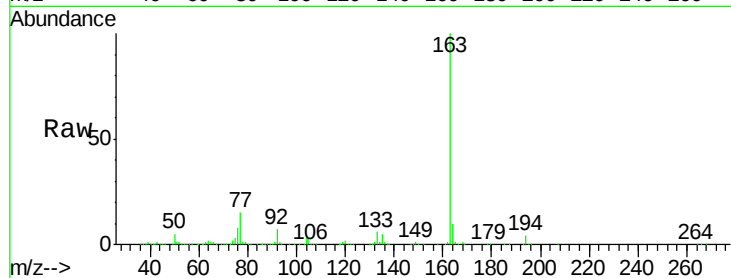
Tgt Ion:163 Resp: 1675570

Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

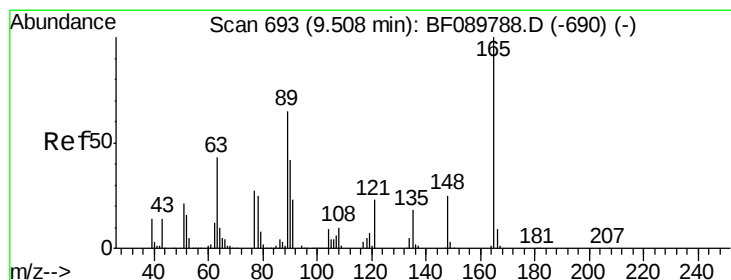
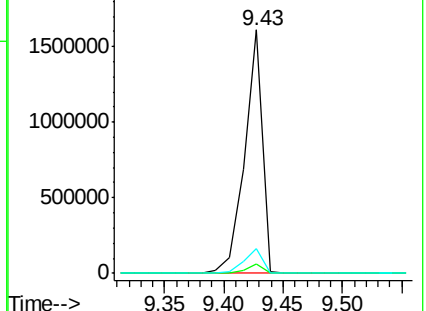
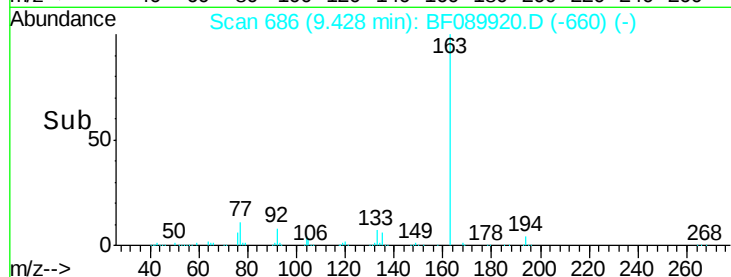
164 10.3 8.6 12.8



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: 33.96 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

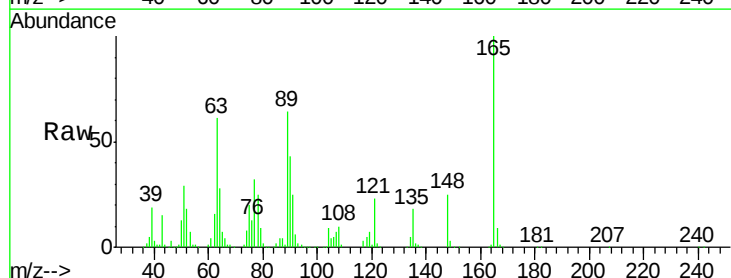
Tgt Ion:165 Resp: 328056

Ion Ratio Lower Upper

165 100

63 60.5 41.7 62.5

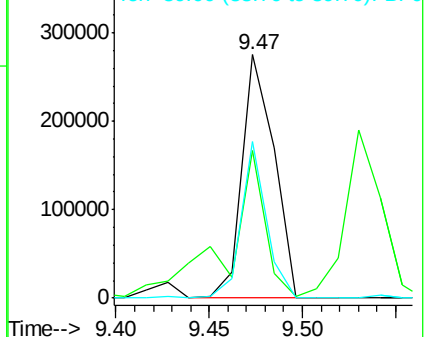
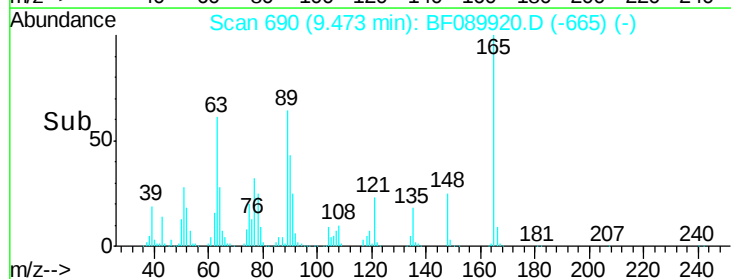
89 64.2 44.6 67.0

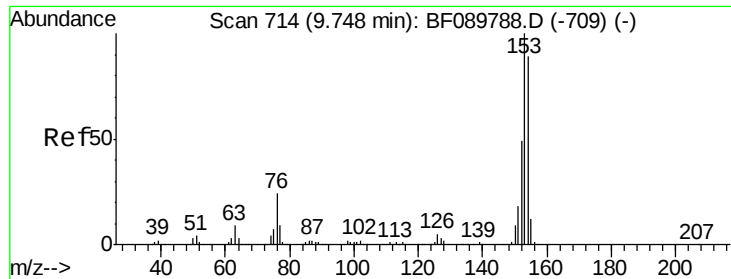


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.21 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

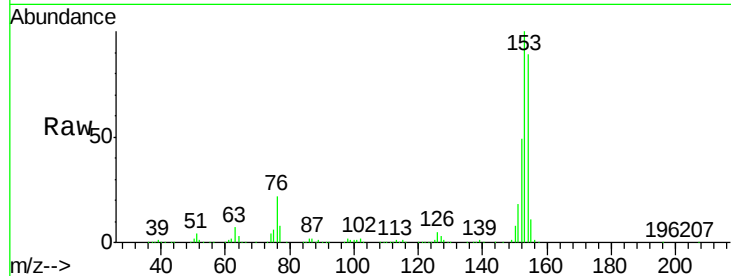
Tgt Ion:154 Resp: 1381314

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

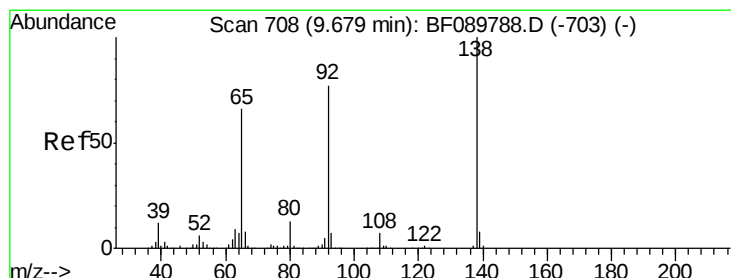
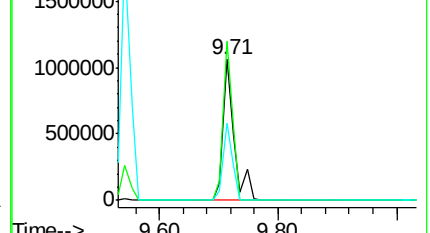
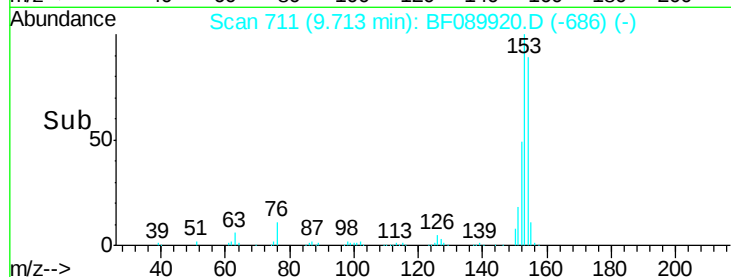
152 54.9 44.6 67.0



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: 24.69 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

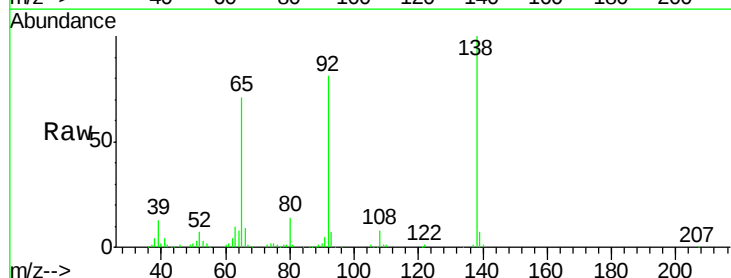
Tgt Ion:138 Resp: 264246

Ion Ratio Lower Upper

138 100

108 7.7 8.1 12.1#

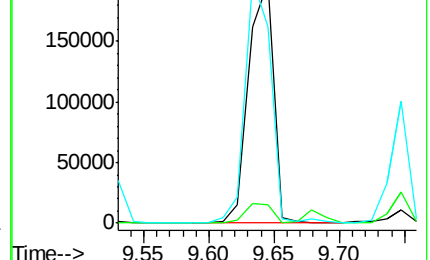
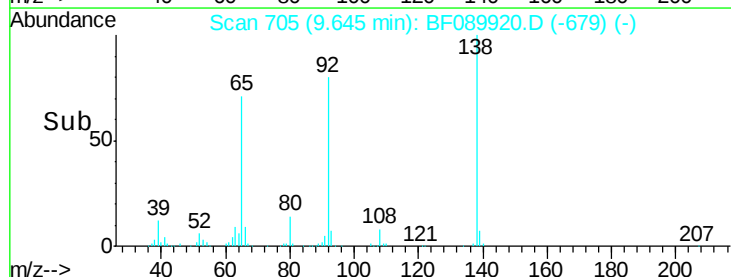
92 81.4 92.7 139.1#

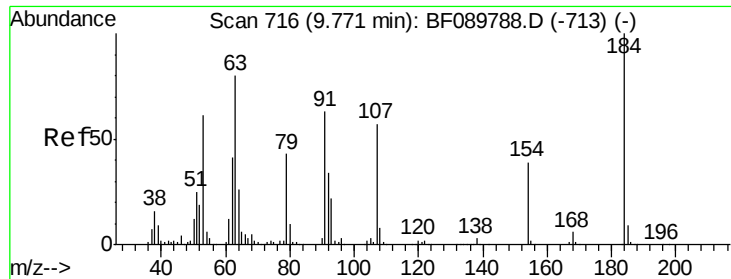


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

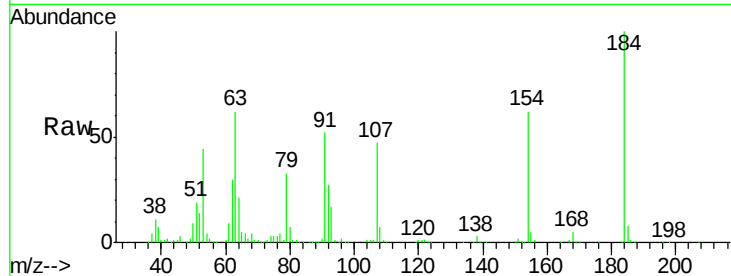




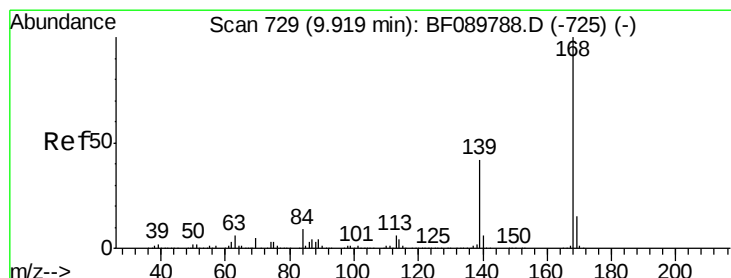
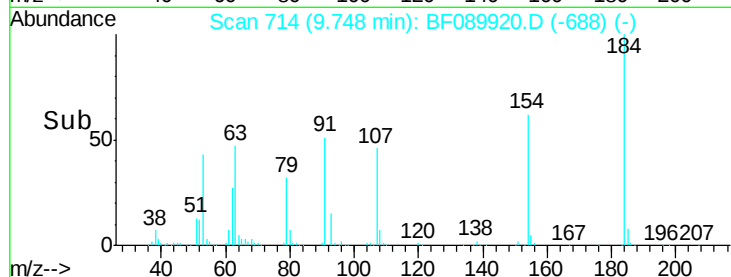
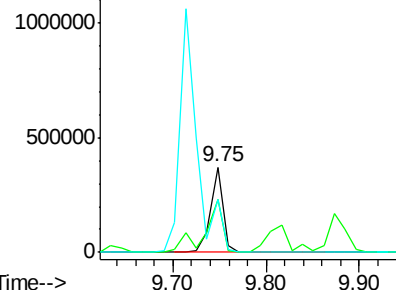
#53
 2,4-Dinitrophenol
 Concen: 65.94 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tgt Ion:184 Resp: 345894
 Ion Ratio Lower Upper
 184 100
 63 62.5 54.2 81.4
 154 62.0 52.7 79.1

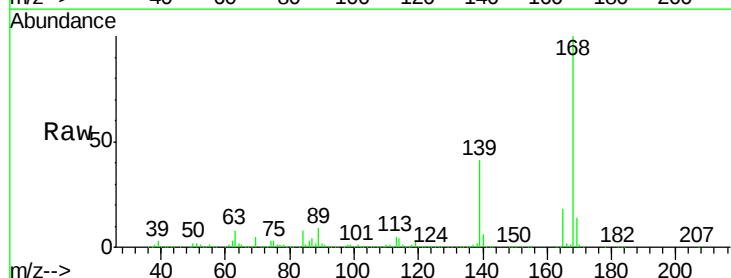


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

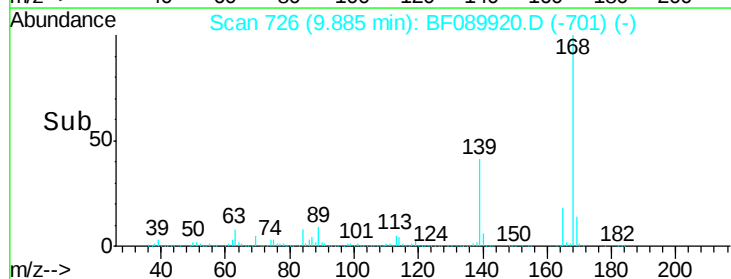
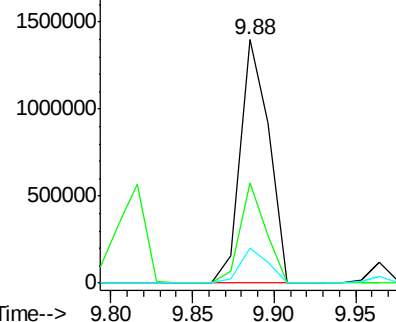


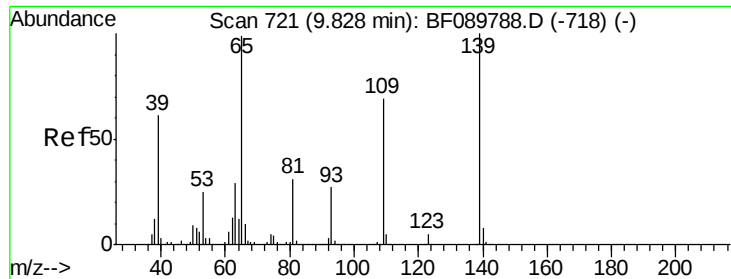
#54
 Dibenzofuran
 Concen: 37.64 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:168 Resp: 1709371
 Ion Ratio Lower Upper
 168 100
 139 41.3 34.6 52.0
 169 14.4 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

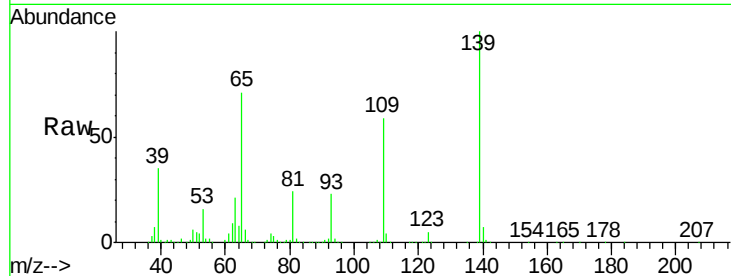




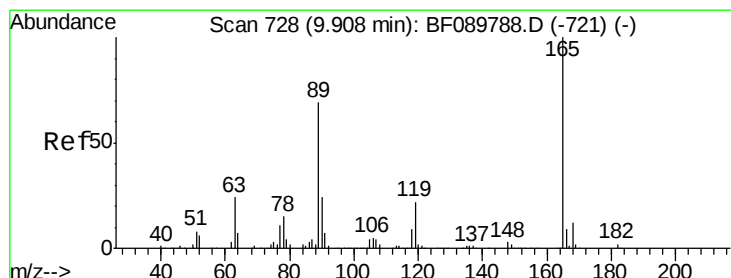
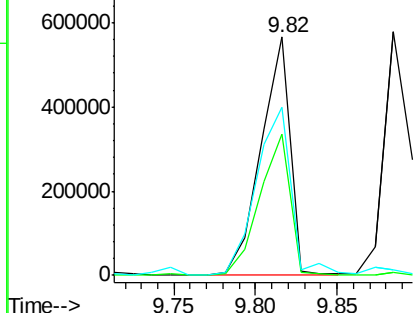
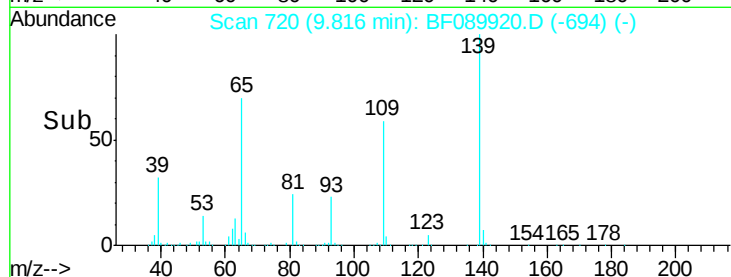
#55
 4-Nitrophenol
 Concen: 80.64 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.3	43.0	83.0
65	70.5	55.7	95.7

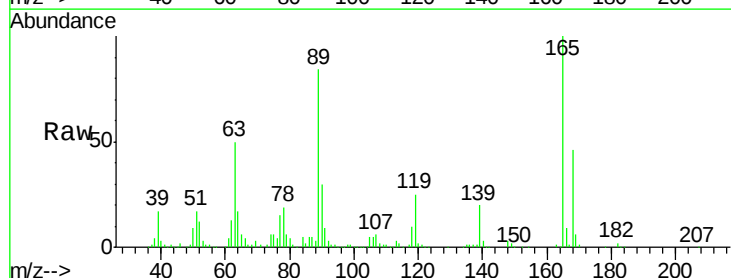


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

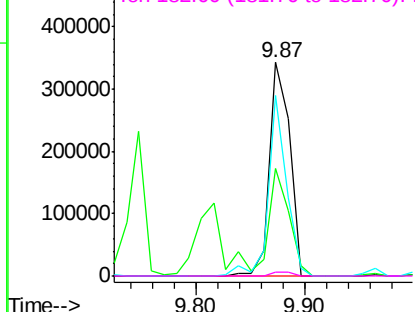
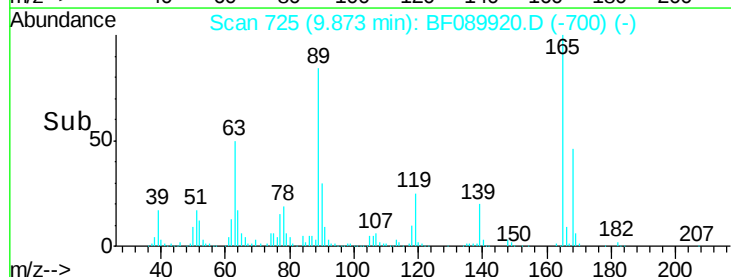


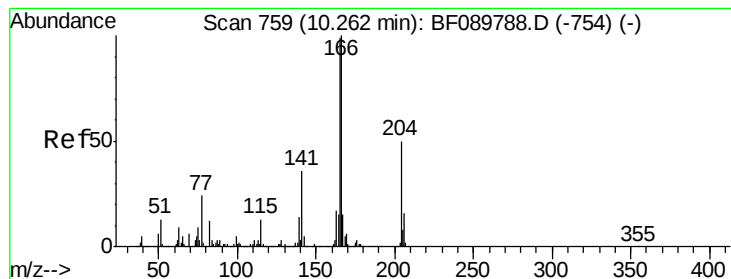
#56
 2,4-Dinitrotoluene
 Concen: 35.40 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.1	23.7	35.5#
89	84.5	44.0	66.0#
182	2.0	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: 32.47 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

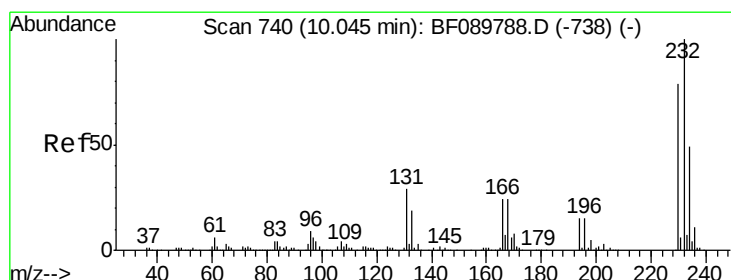
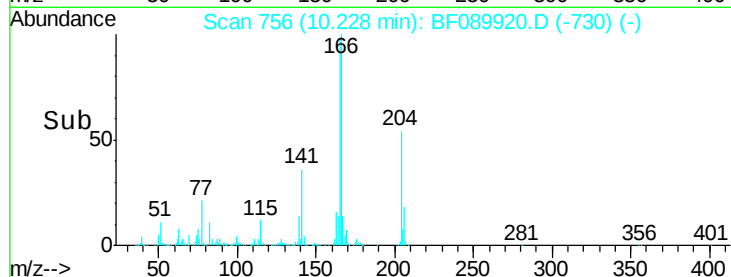
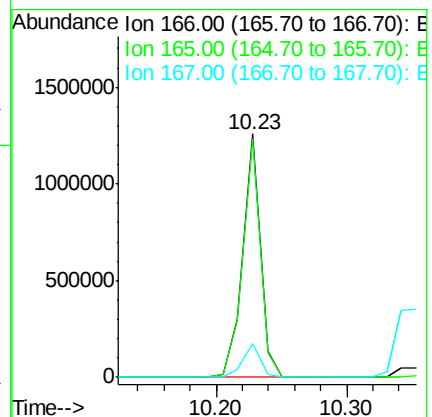
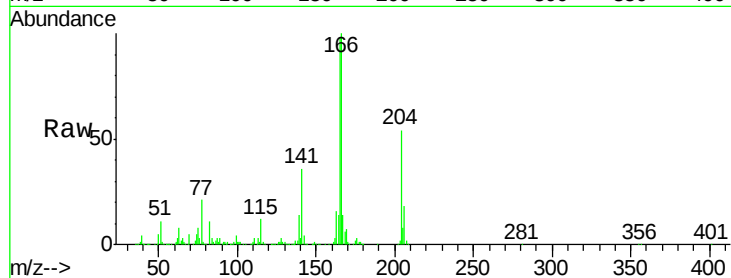
Tgt Ion:166 Resp: 1174854

Ion Ratio Lower Upper

166 100

165 97.8 80.2 120.4

167 13.9 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.51 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Tgt Ion:232 Resp: 363720

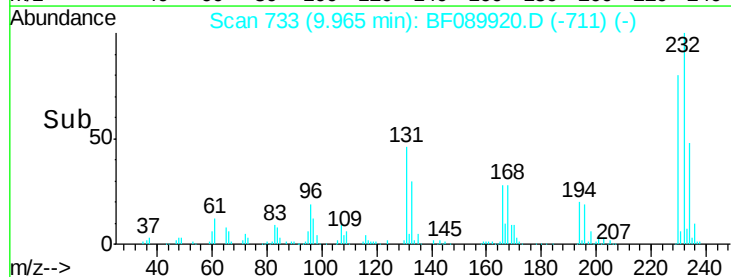
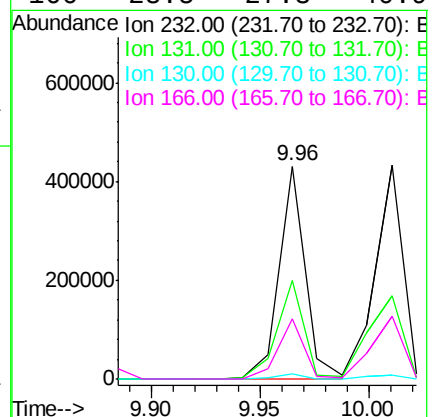
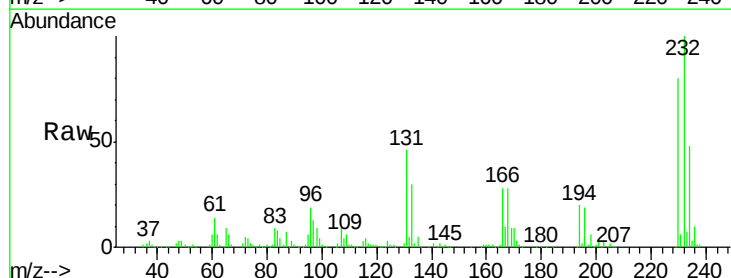
Ion Ratio Lower Upper

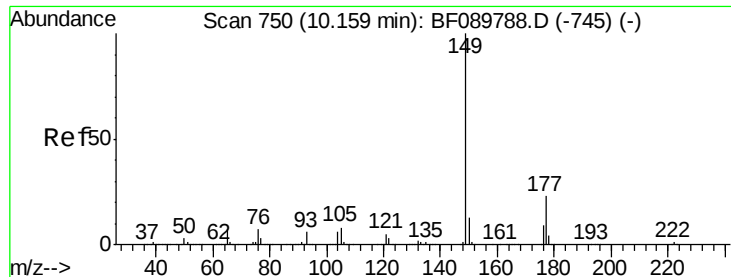
232 100

131 48.2 42.5 63.7

130 2.5 2.2 3.4

166 28.5 27.3 40.9

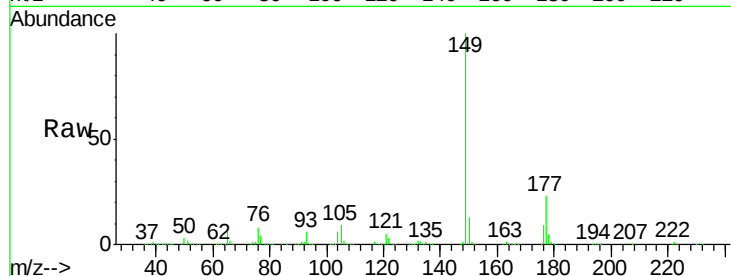




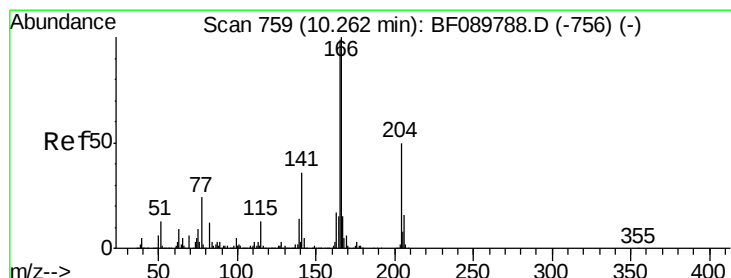
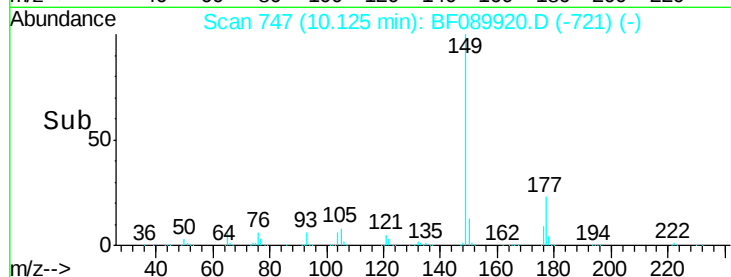
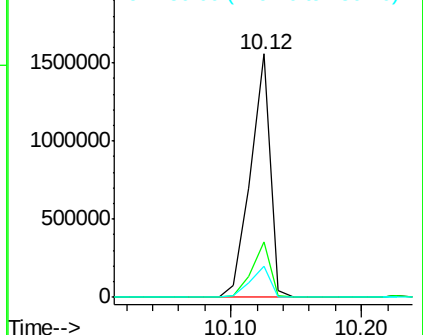
#59
 Diethylphthalate
 Concen: 38.30 ng
 RT: 10.12 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tgt Ion:149 Resp: 1627770
 Ion Ratio Lower Upper
 149 100
 177 23.0 16.6 25.0
 150 12.9 10.5 15.7

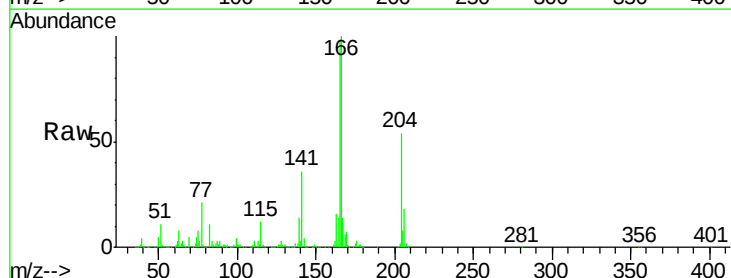


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

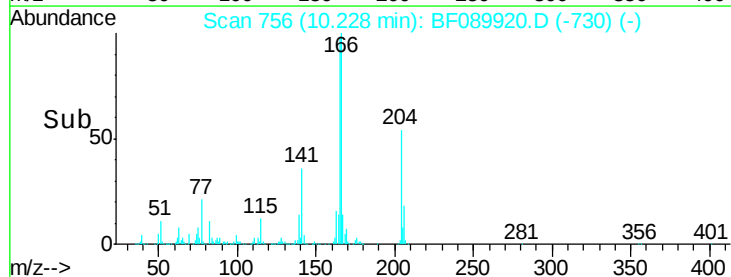
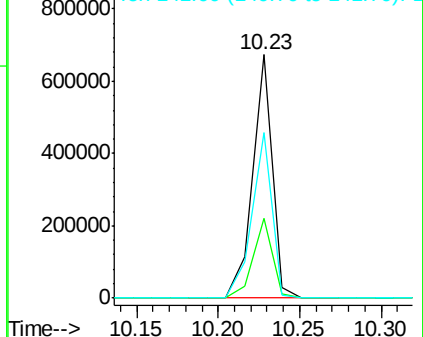


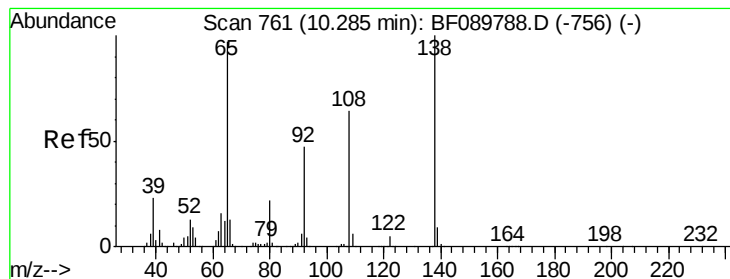
#60
 4-Chlorophenyl-phenylether
 Concen: 34.08 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:204 Resp: 562510
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.5 39.7
 141 68.0 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: 38.64 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

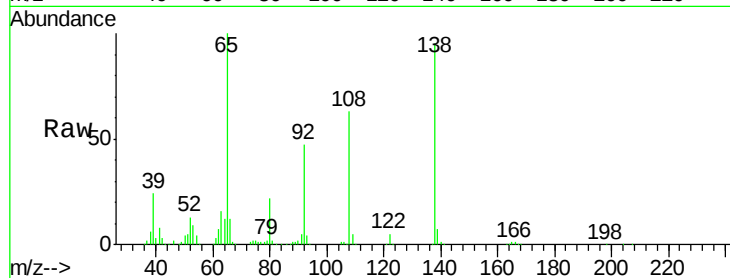
Tgt Ion:138 Resp: 387730

Ion Ratio Lower Upper

138 100

92 49.5 26.4 66.4

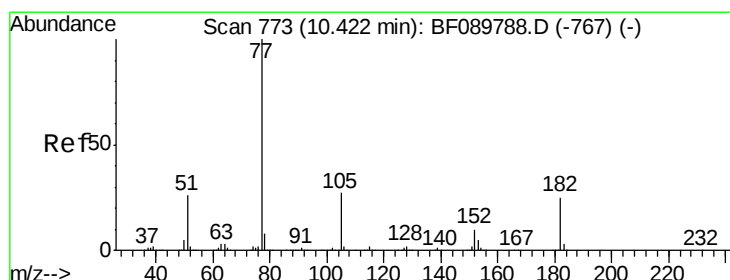
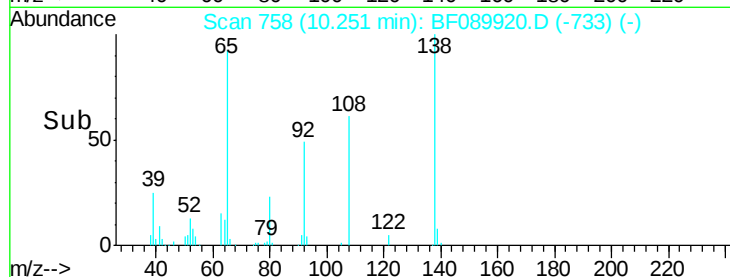
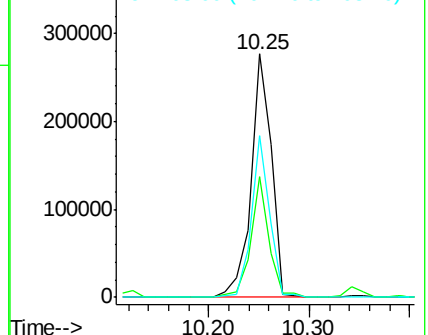
108 66.6 47.0 87.0



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: 42.02 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Tgt Ion: 77 Resp: 1679029

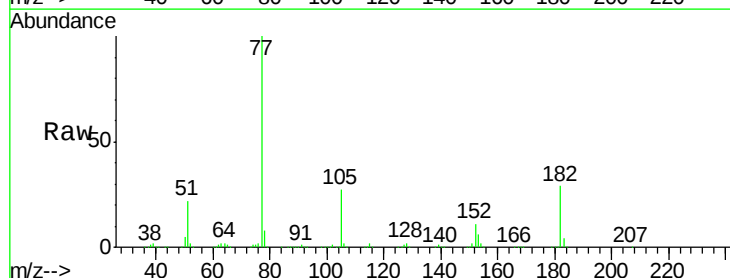
Ion Ratio Lower Upper

77 100

182 28.5 5.6 45.6

105 27.3 4.0 44.0

51 22.5 7.8 47.8

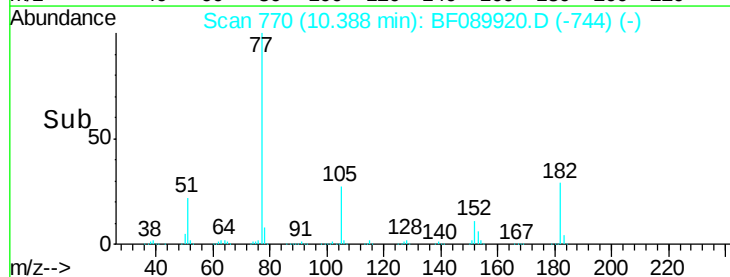
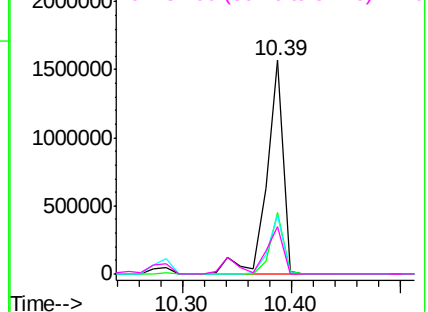


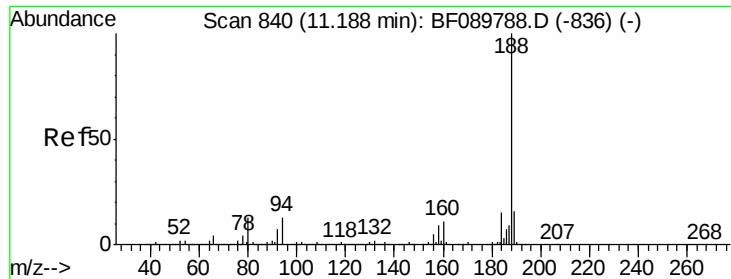
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

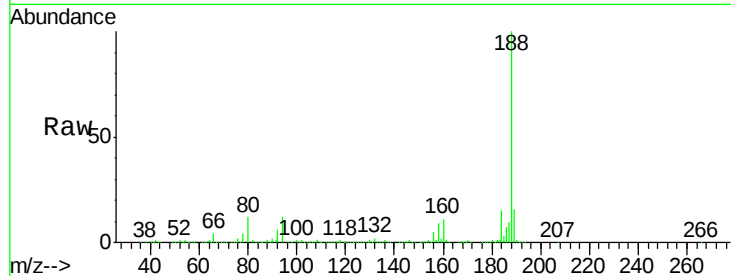




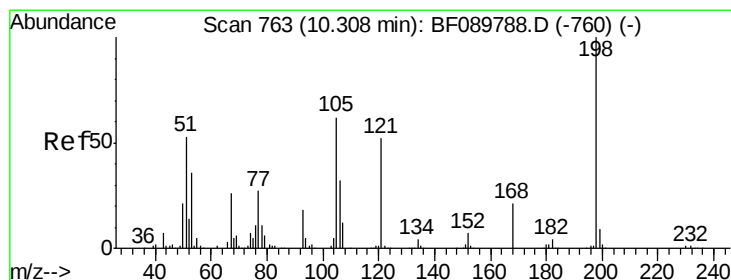
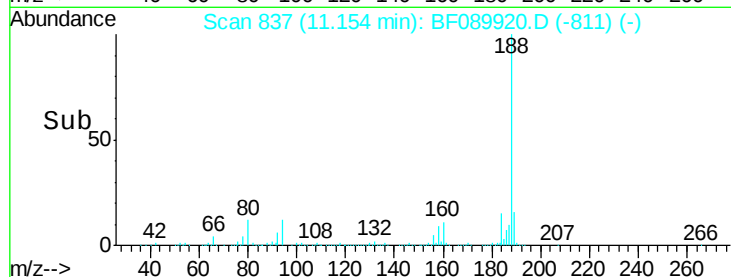
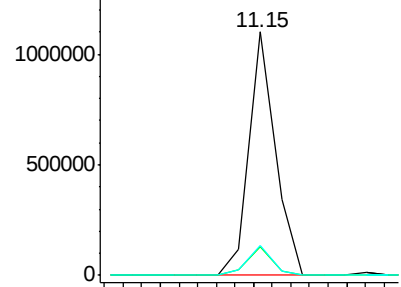
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Tgt Ion:188 Resp: 1078942
Ion Ratio Lower Upper
188 100
94 11.6 10.2 15.2
80 12.2 10.9 16.3

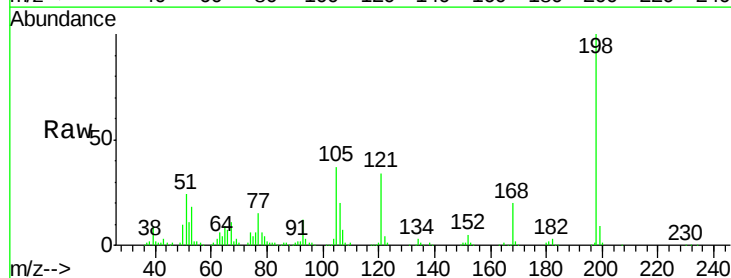


Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

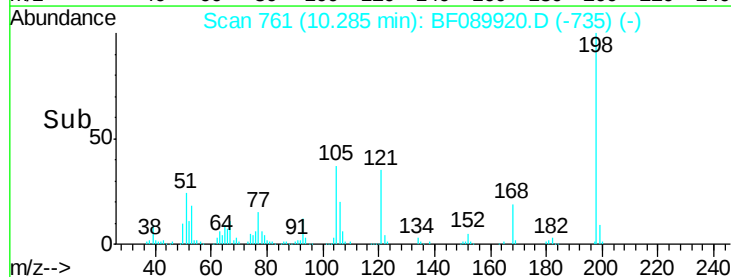
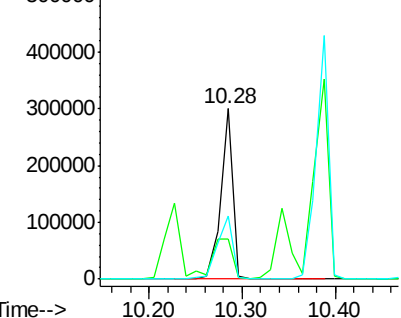


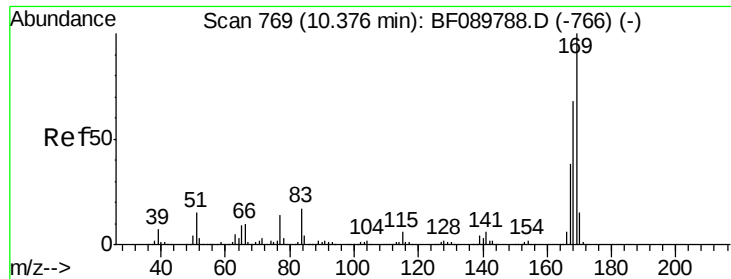
#64
4,6-Dinitro-2-methylphenol
Concen: 44.16 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:198 Resp: 273830
Ion Ratio Lower Upper
198 100
51 23.6 32.3 72.3#
105 37.0 32.9 72.9



Abundance Ion 198.00 (197.70 to 198.70): E
600000
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

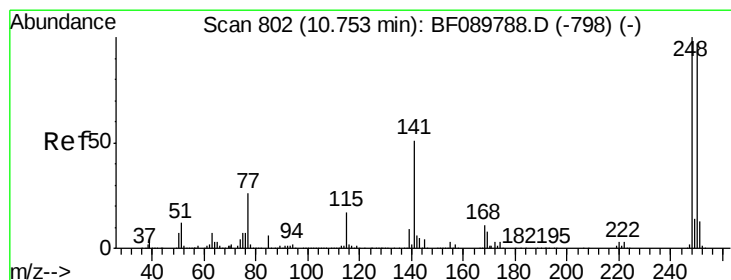
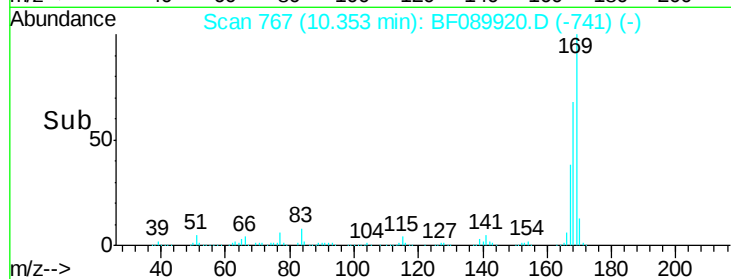
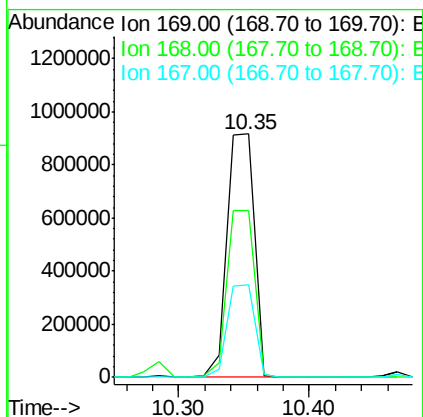
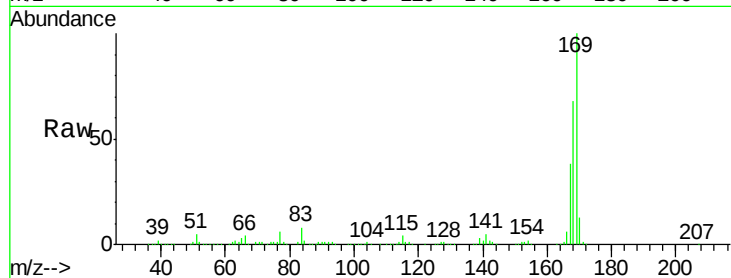




#65
 n-Nitrosodiphenylamine
 Concen: 38.98 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

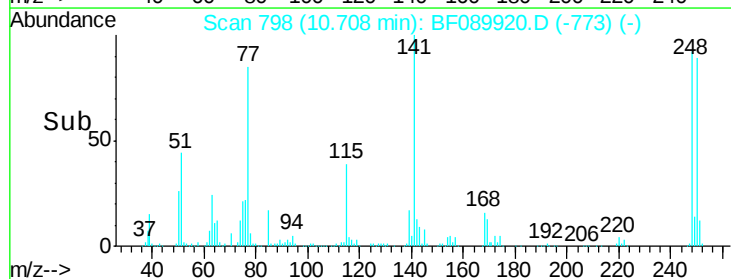
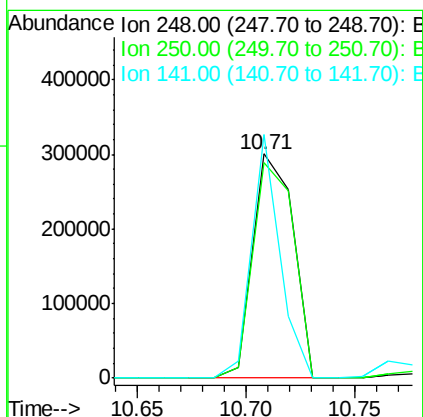
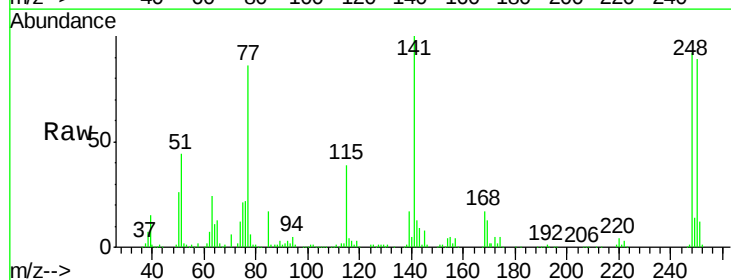
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

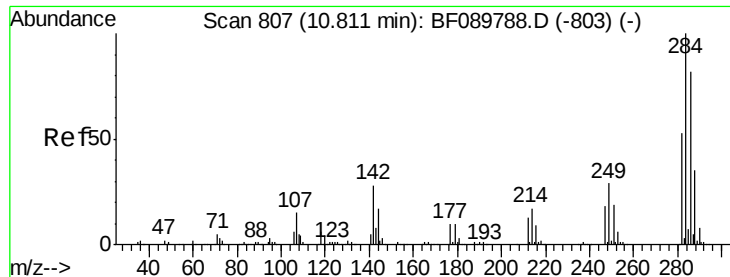
Tgt Ion:169 Resp: 1322491
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.6 82.0
 167 38.2 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 34.54 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:248 Resp: 390727
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.6 117.8
 141 108.6 31.4 47.2#

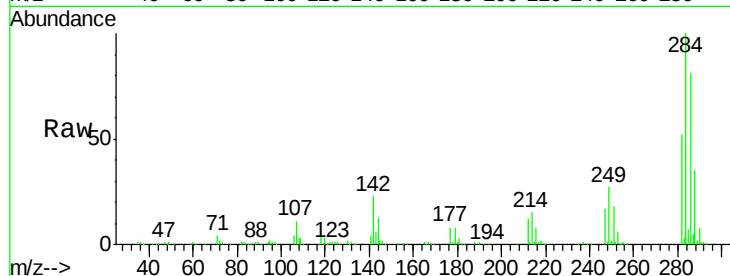




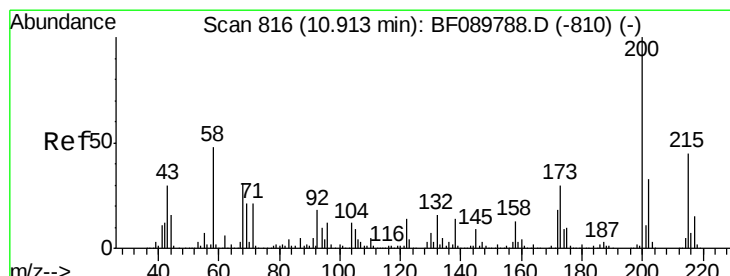
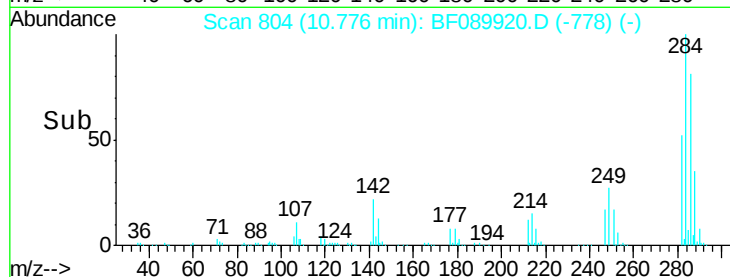
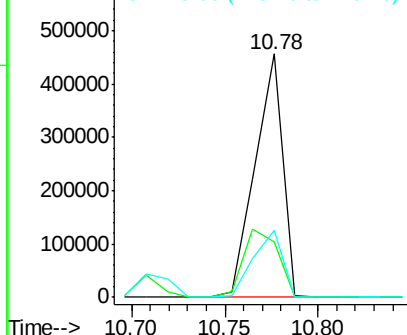
#67
Hexachlorobenzene
Concen: 36.87 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Instrument :
BNA_F
ClientSampleId :
PB93109BSD

Tgt Ion:284 Resp: 475737
Ion Ratio Lower Upper
284 100
142 22.5 17.4 26.2
249 27.4 22.8 34.2

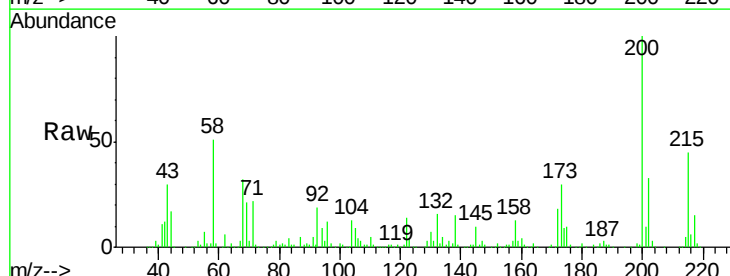


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

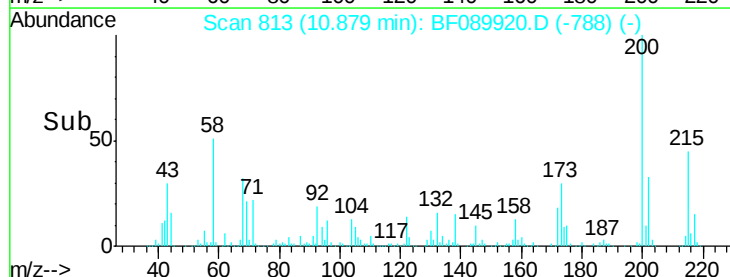
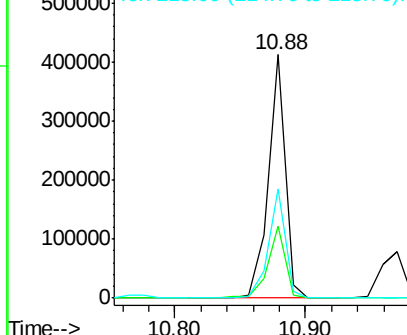


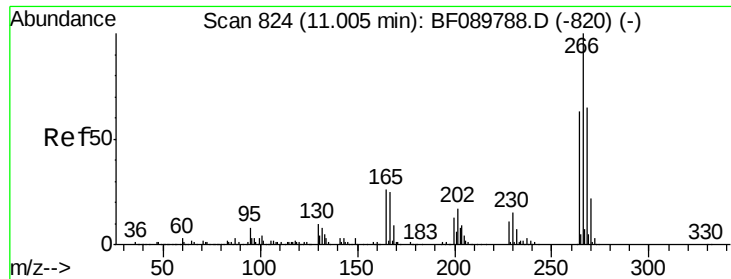
#68
Atrazine
Concen: 36.27 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:200 Resp: 376837
Ion Ratio Lower Upper
200 100
173 29.9 6.6 46.6
215 44.6 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

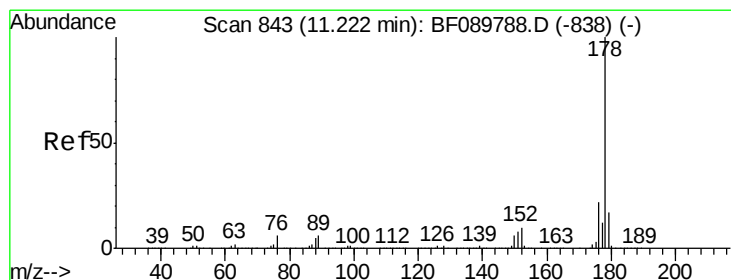
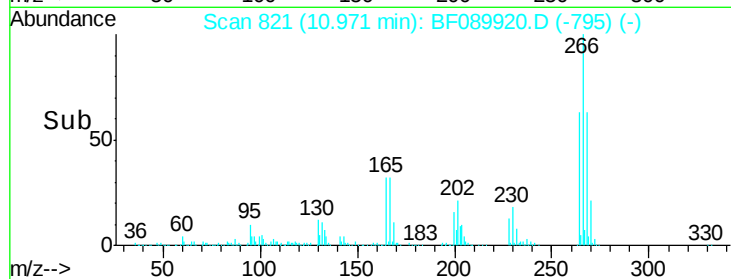
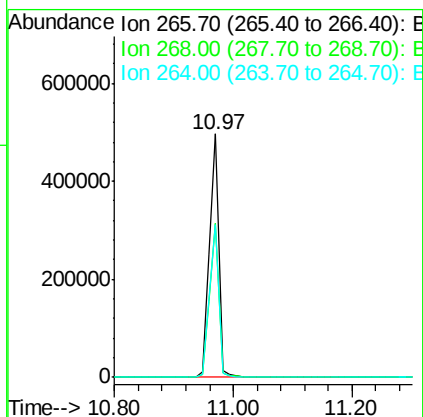
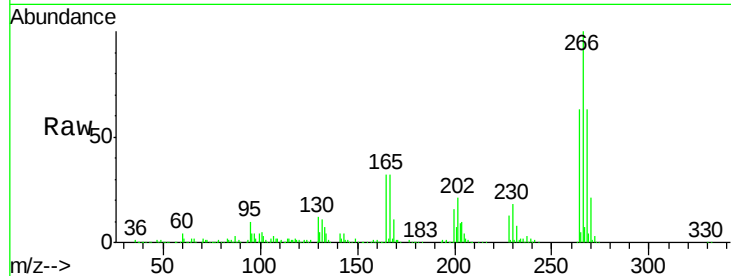




#69
 Pentachlorophenol
 Concen: 74.44 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

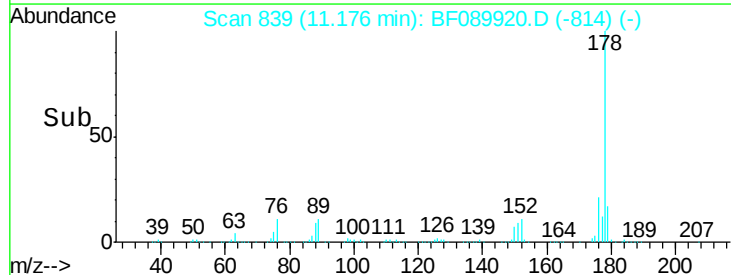
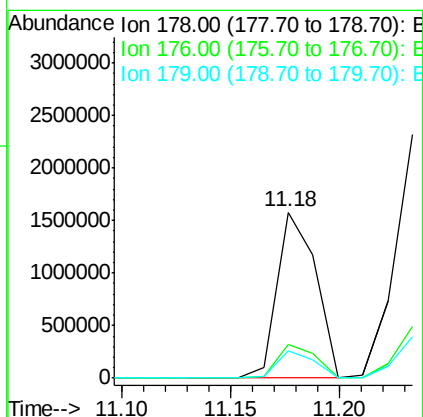
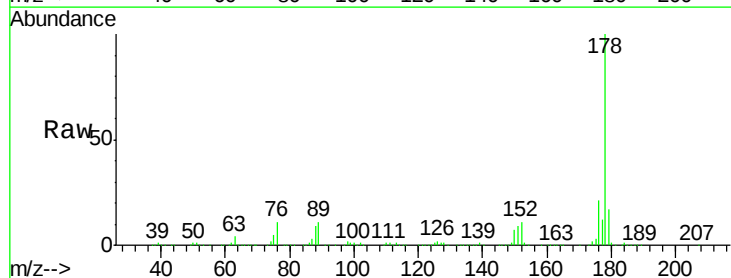
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

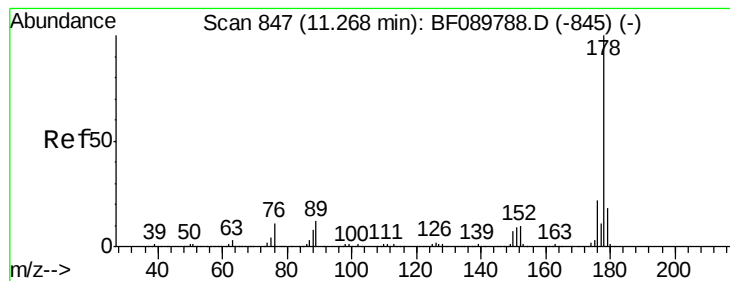
Tgt Ion:266 Resp: 544499
 Ion Ratio Lower Upper
 266 100
 268 63.5 53.2 79.8
 264 62.6 51.1 76.7



#70
 Phenanthrene
 Concen: 36.03 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:178 Resp: 1963494
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.4 24.6
 179 16.8 12.5 18.7





#71

Anthracene

Concen: 39.04 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

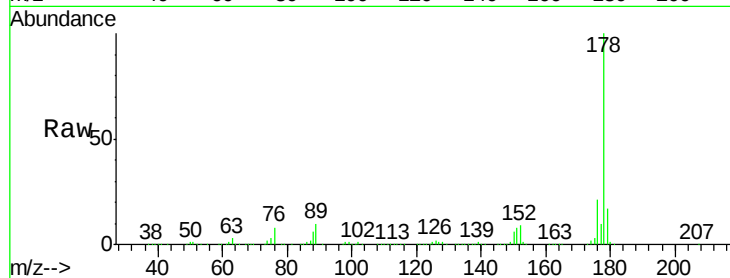
Tgt Ion:178 Resp: 2162391

Ion Ratio Lower Upper

178 100

176 21.0 16.4 24.6

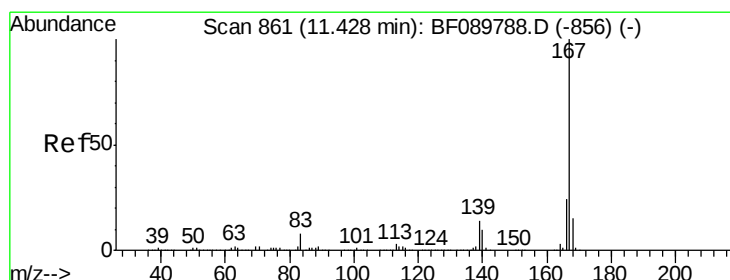
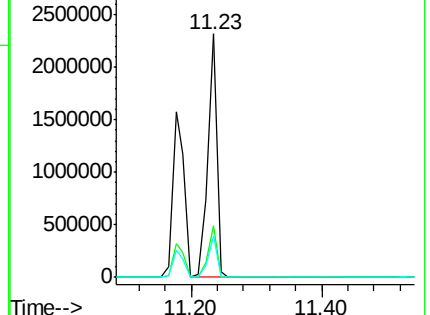
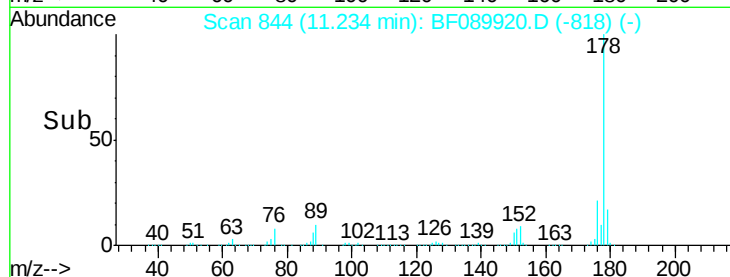
179 17.0 13.1 19.7



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: 40.17 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

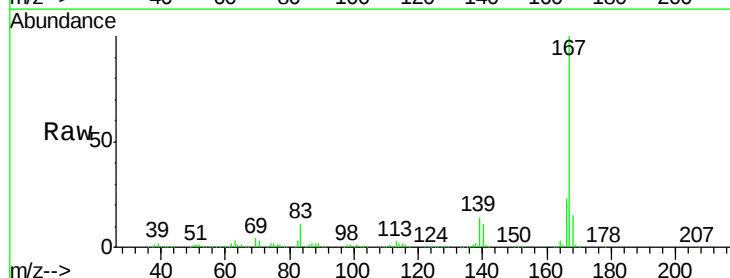
Tgt Ion:167 Resp: 1995998

Ion Ratio Lower Upper

167 100

166 22.7 17.9 26.9

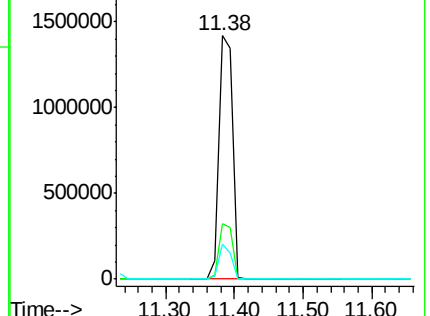
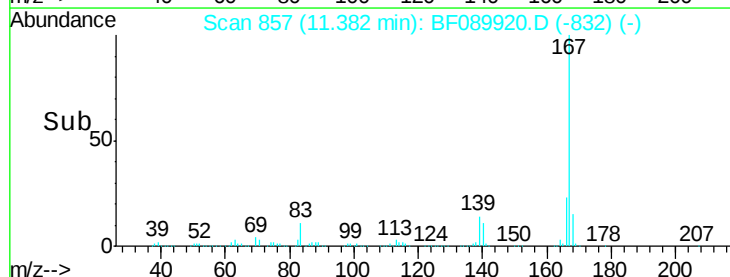
139 14.3 12.4 18.6

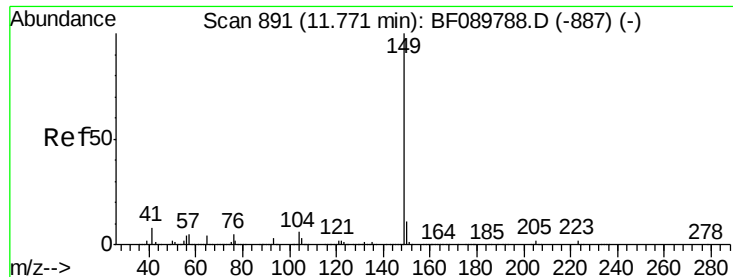


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.08 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

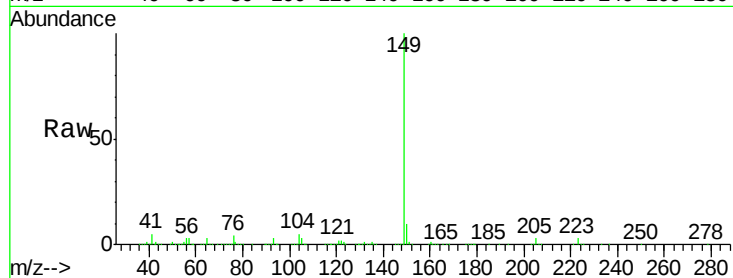
Tgt Ion:149 Resp: 2367373

Ion Ratio Lower Upper

149 100

150 10.3 7.9 11.9

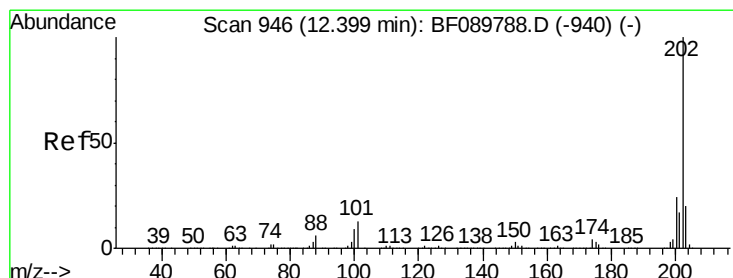
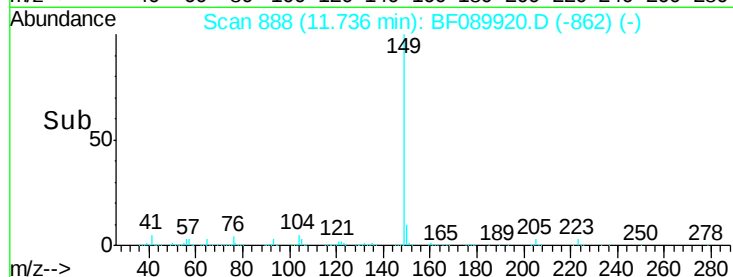
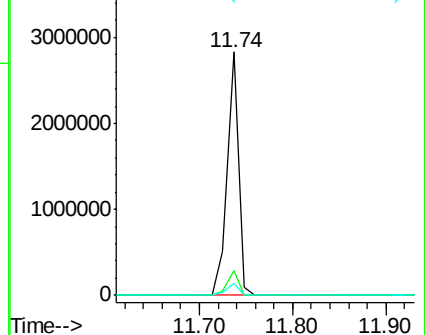
104 4.9 4.3 6.5



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: 38.28 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

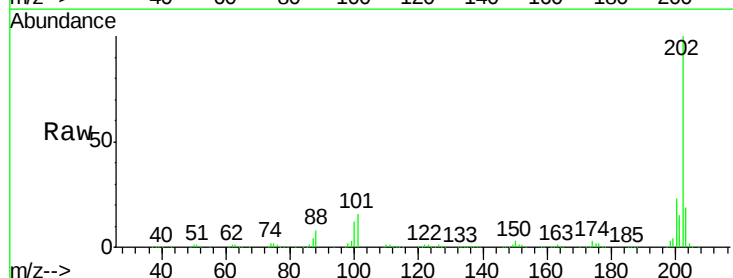
Tgt Ion:202 Resp: 1984341

Ion Ratio Lower Upper

202 100

101 16.1 0.0 31.2

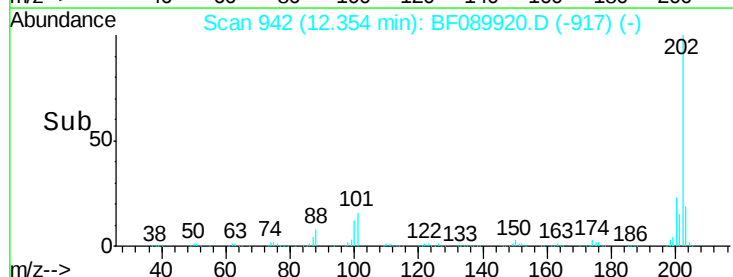
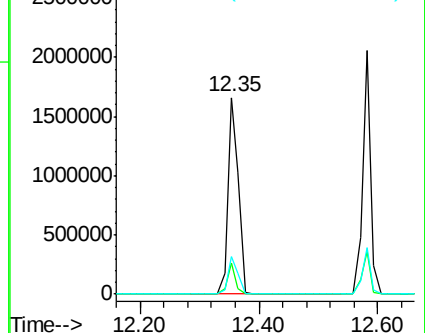
203 19.0 0.0 38.1

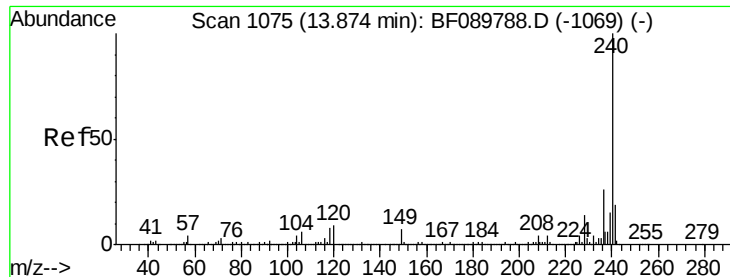


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

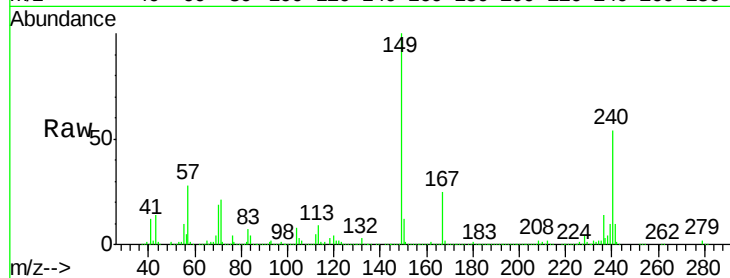
Tgt Ion:240 Resp: 757477

Ion Ratio Lower Upper

240 100

120 6.7 8.3 12.5#

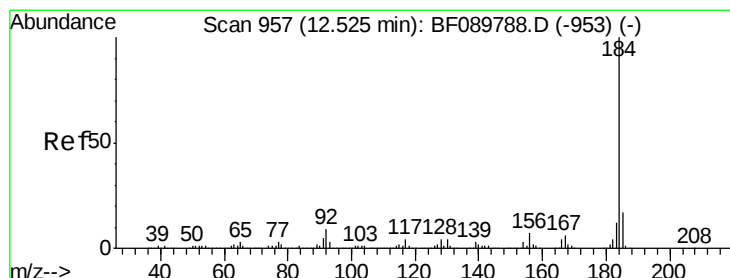
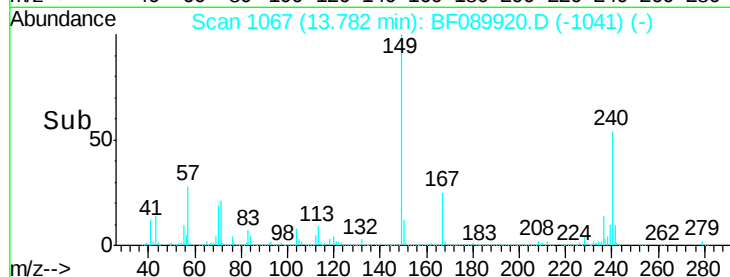
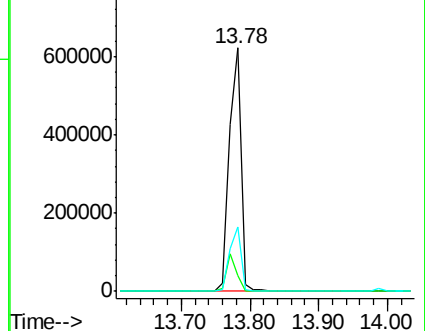
236 26.4 21.3 31.9



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: 36.91 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

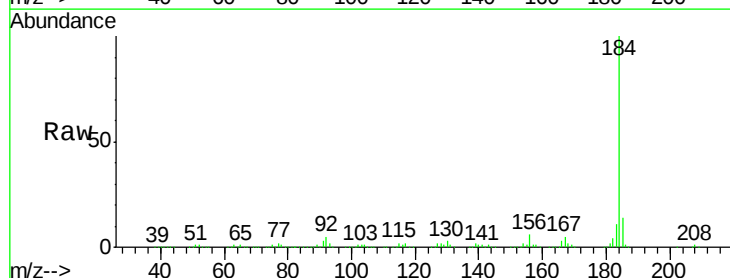
Tgt Ion:184 Resp: 904726

Ion Ratio Lower Upper

184 100

185 14.3 13.8 20.8

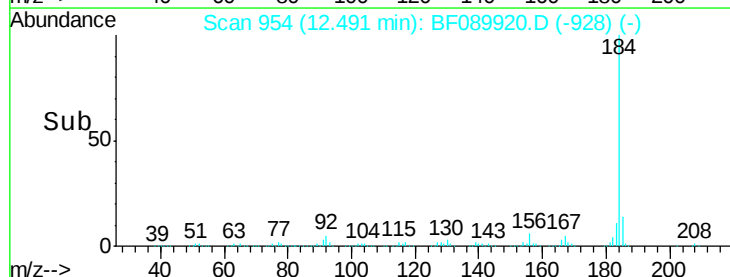
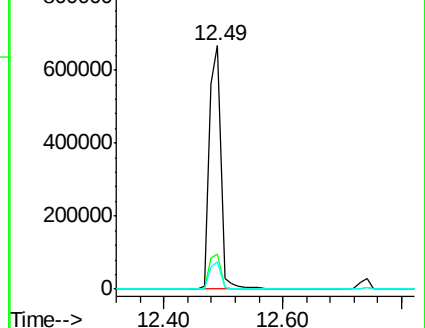
183 11.2 9.7 14.5

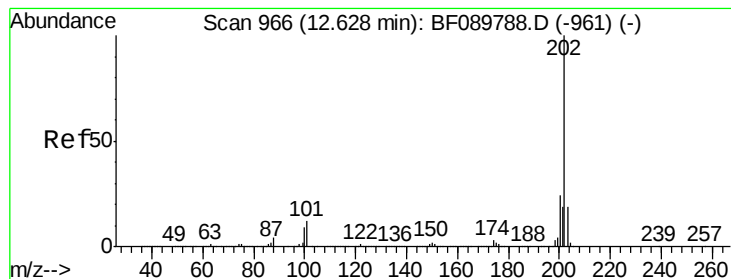


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.21 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

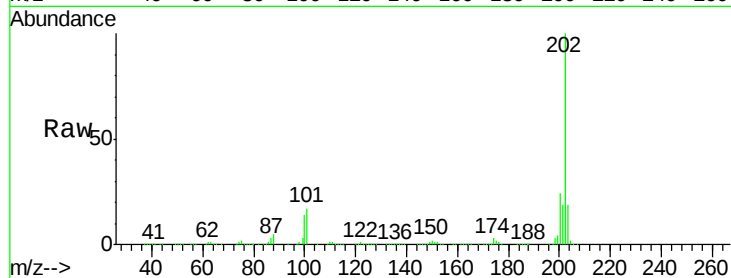
Tgt Ion:202 Resp: 1925216

Ion Ratio Lower Upper

202 100

200 23.5 17.8 26.6

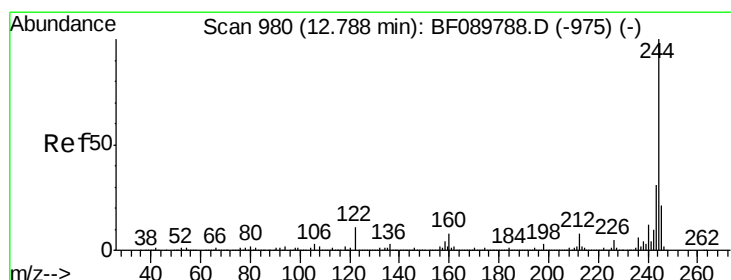
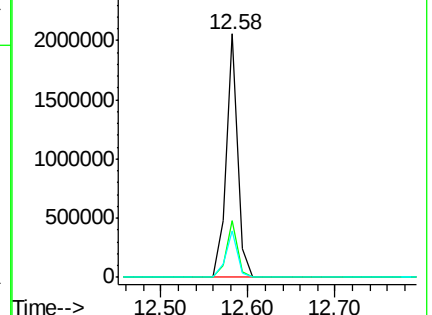
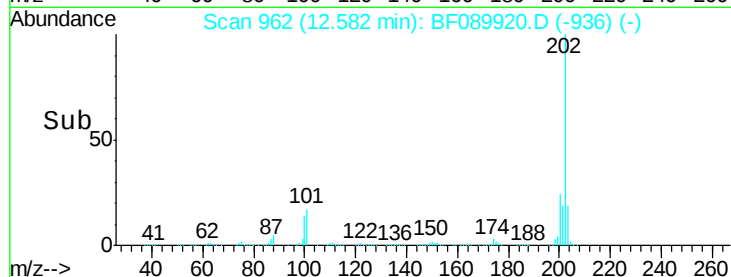
203 19.1 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.81 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

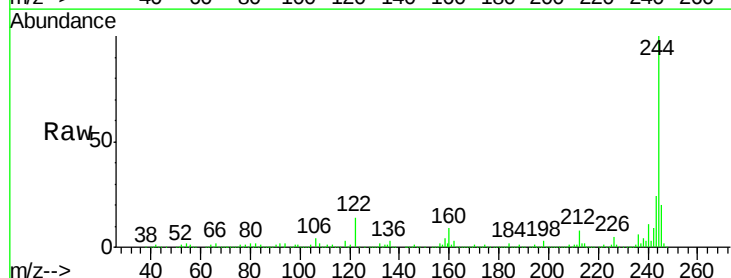
Tgt Ion:244 Resp: 2102905

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

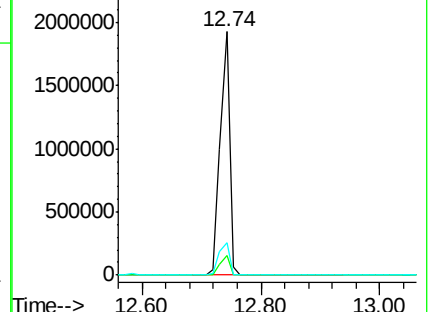
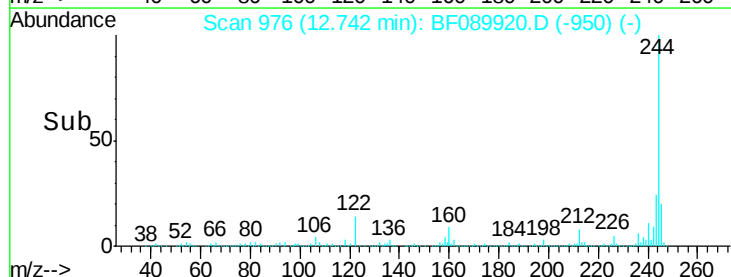
122 13.6 12.0 18.0

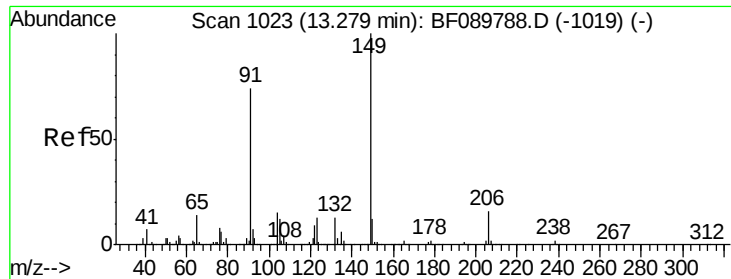


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

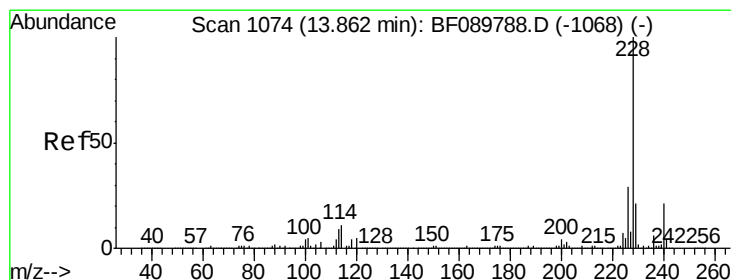
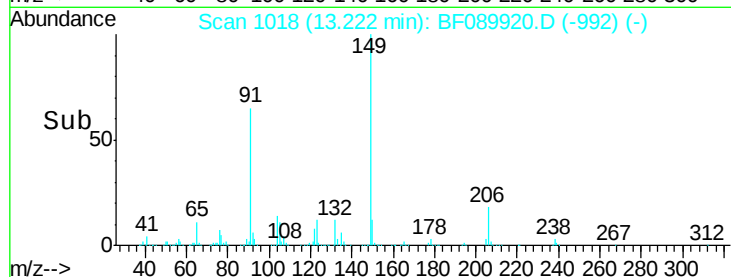
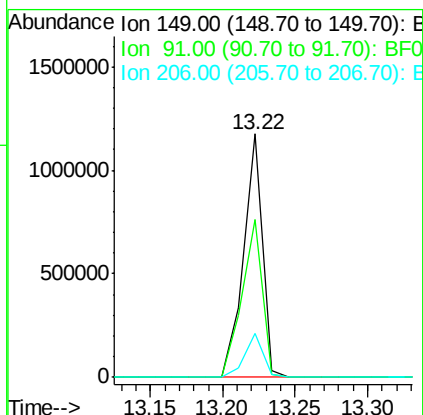
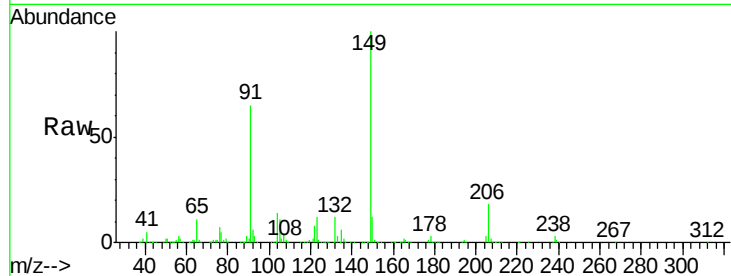




#79
Butylbenzylphthalate
Concen: 38.32 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

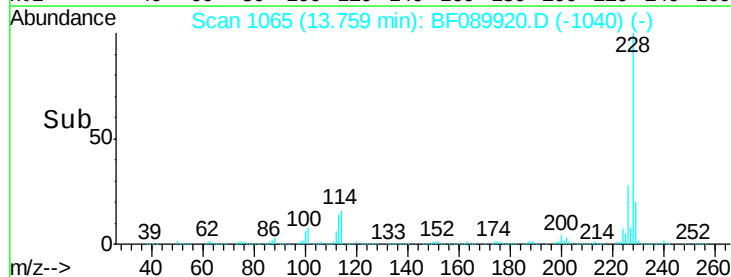
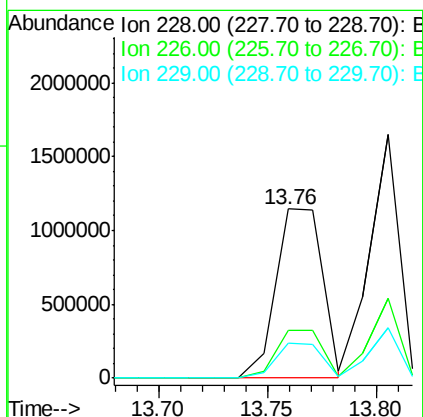
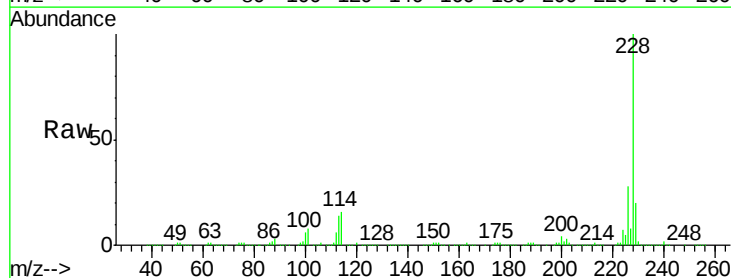
Instrument :
BNA_F
ClientSampleId :
PB93109BSD

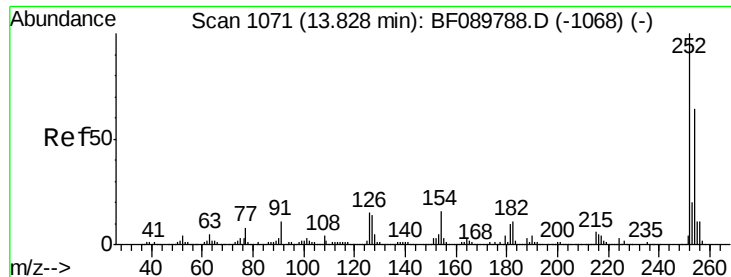
Tgt Ion:149 Resp: 1067623
Ion Ratio Lower Upper
149 100
91 65.1 50.7 76.1
206 18.1 15.5 23.3



#80
Benzo(a)anthracene
Concen: 39.55 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:228 Resp: 1715605
Ion Ratio Lower Upper
228 100
226 28.0 23.2 34.8
229 20.5 16.2 24.4

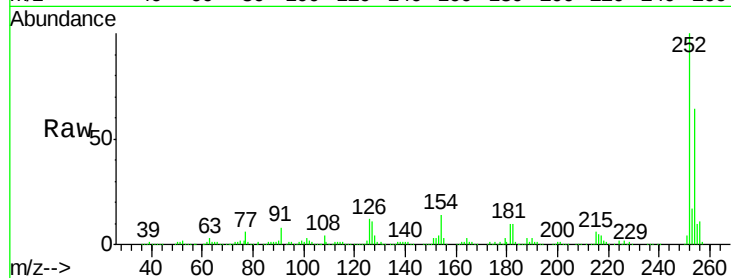




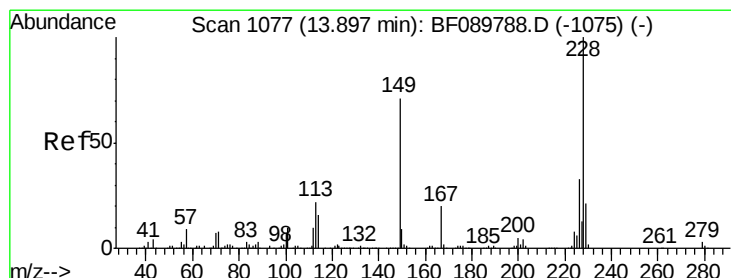
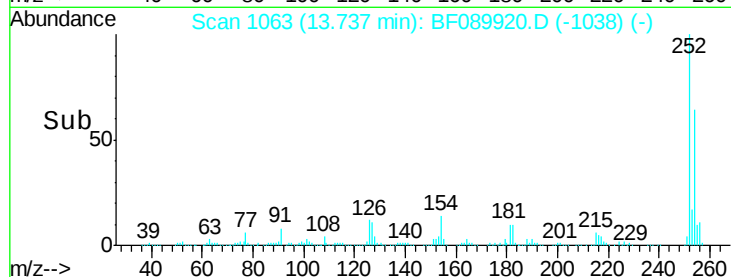
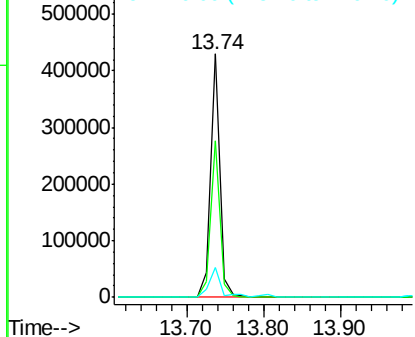
#81
 3,3'-Dichlorobenzidine
 Concen: 25.02 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

Tgt Ion: 252 Resp: 355892
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.6 75.8
 126 12.1 12.6 18.8#

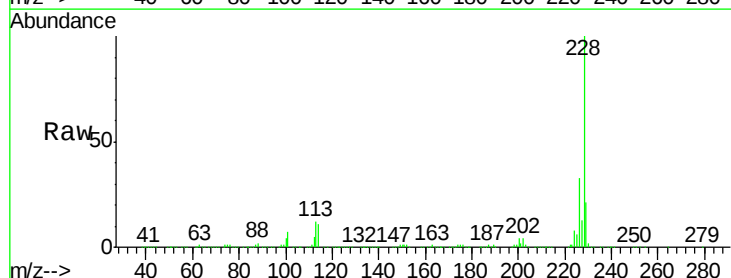


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

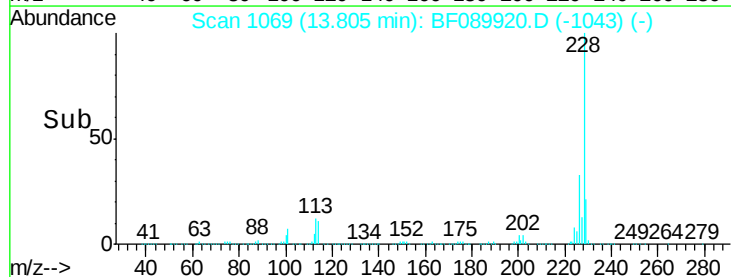
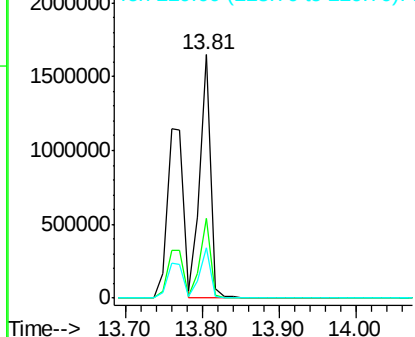


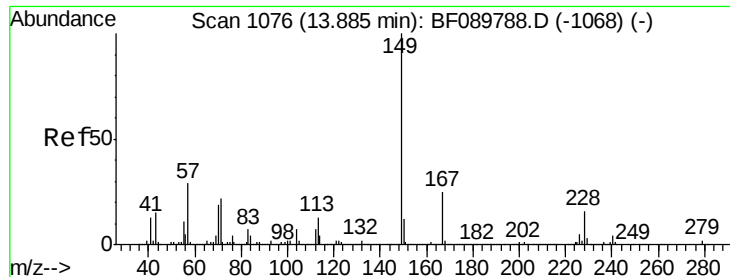
#82
 Chrysene
 Concen: 42.54 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion: 228 Resp: 1581994
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.4 38.0
 229 20.6 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

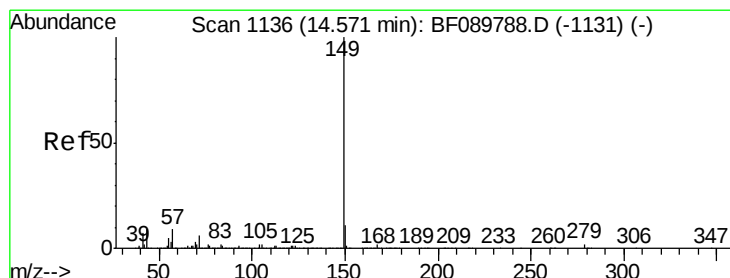
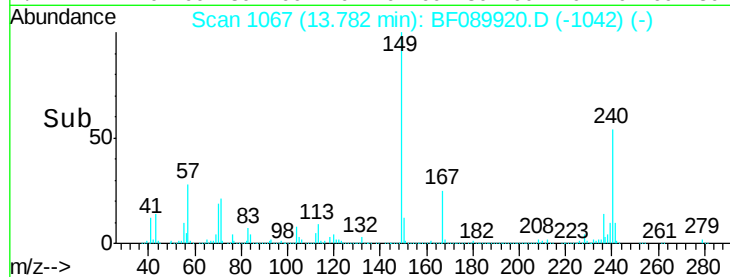
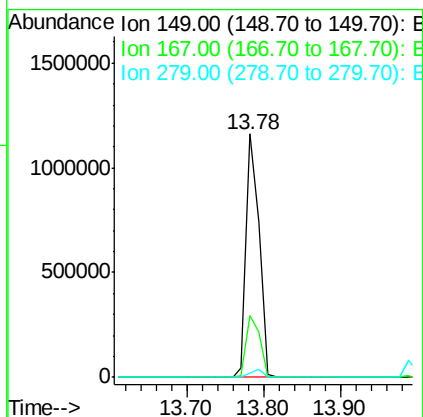
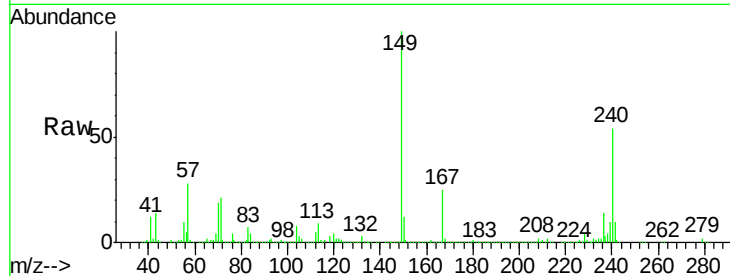




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.32 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

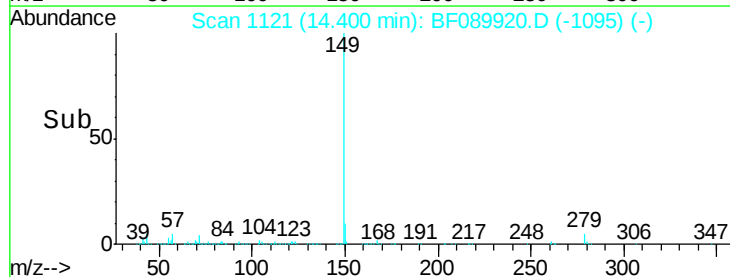
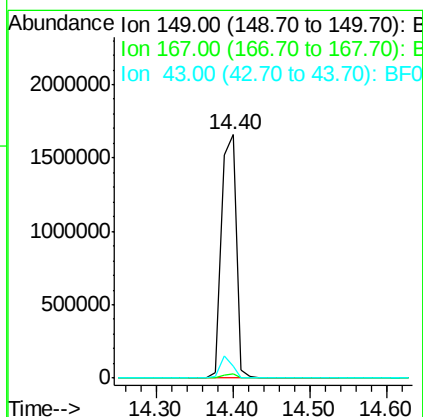
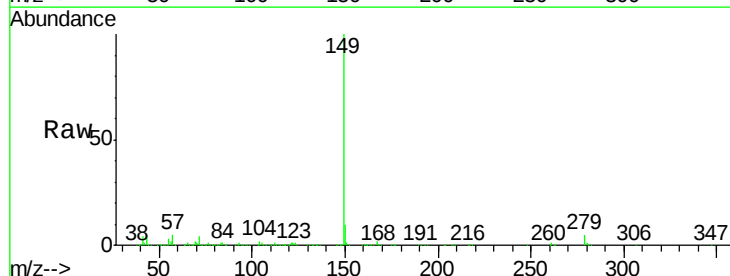
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BSD

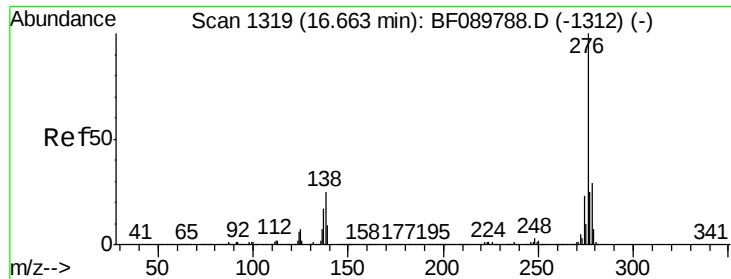
Tgt Ion:149 Resp: 1355416
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.2 31.8
 279 1.8 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 44.44 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF089920.D
 Acq: 26 Aug 2016 21:04

Tgt Ion:149 Resp: 2266241
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.3 8.4 12.6#

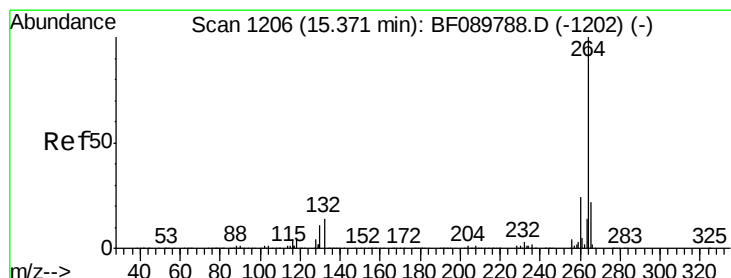
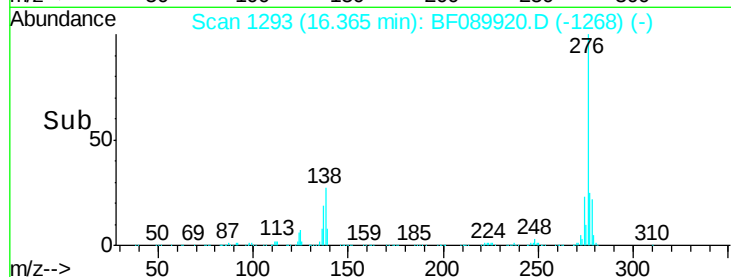
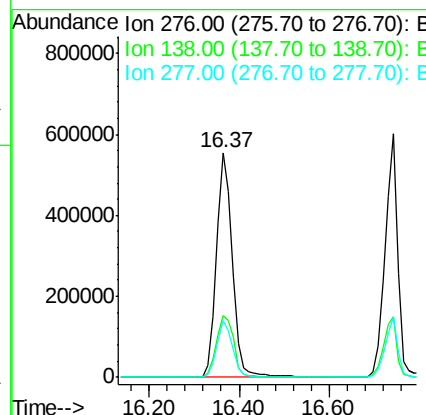
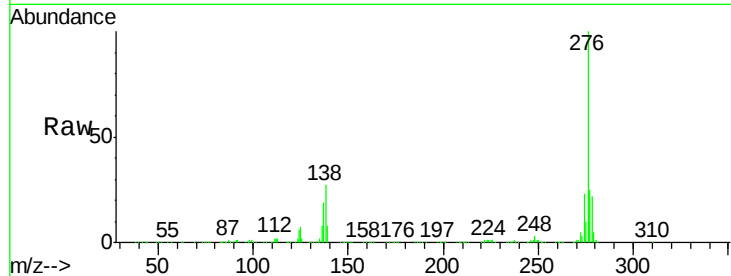




#85
Indeno(1,2,3-cd)pyrene
Concen: 28.99 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

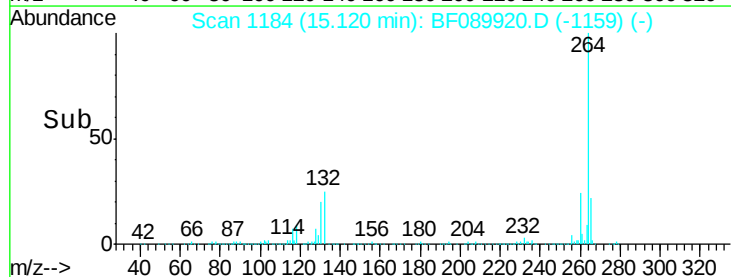
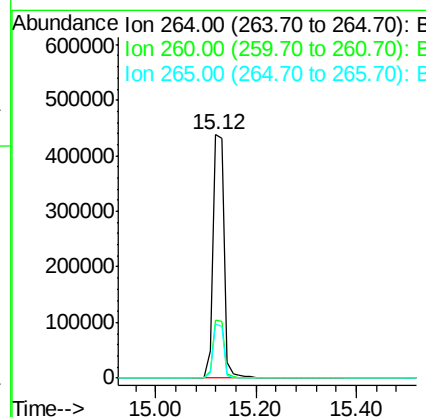
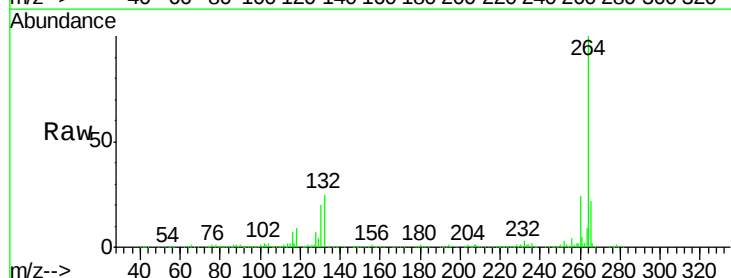
Instrument :
BNA_F
ClientSampleId :
PB93109BSD

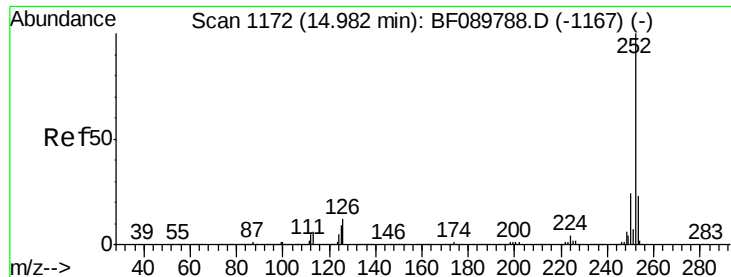
Tgt Ion:276 Resp: 1375499
Ion Ratio Lower Upper
276 100
138 30.2 24.6 36.8
277 25.2 20.4 30.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF089920.D
Acq: 26 Aug 2016 21:04

Tgt Ion:264 Resp: 668467
Ion Ratio Lower Upper
264 100
260 23.9 20.2 30.2
265 22.2 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 76.54 ng

RT: 14.79 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

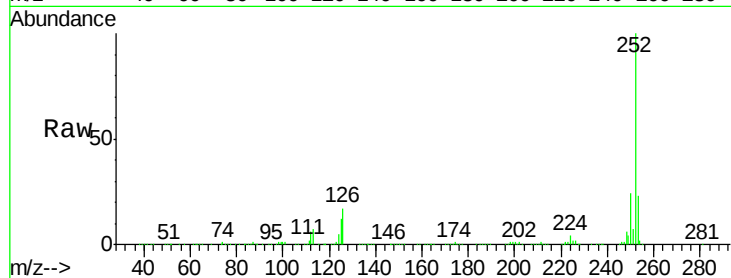
Tgt Ion:252 Resp: 2814738

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

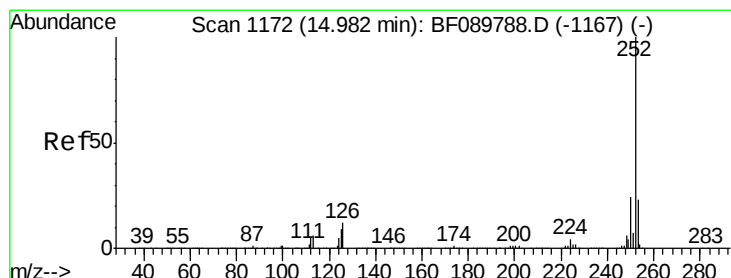
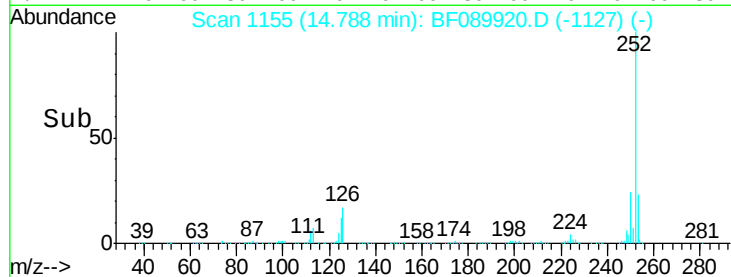
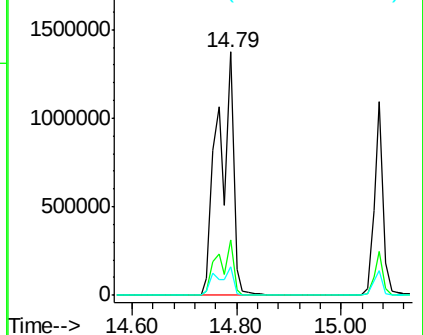
125 11.9 11.4 17.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.43 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

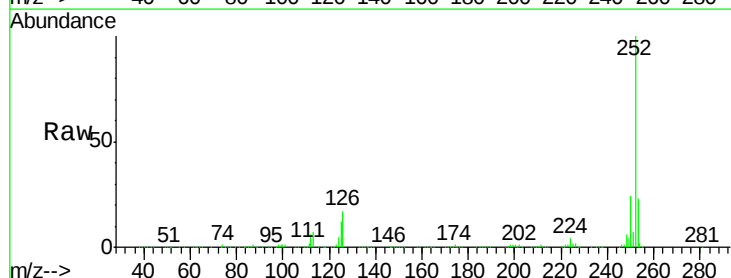
Tgt Ion:252 Resp: 2817077

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

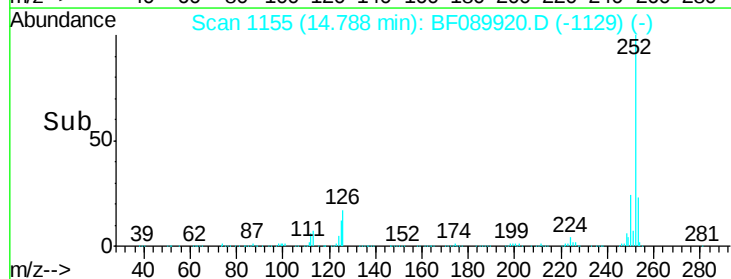
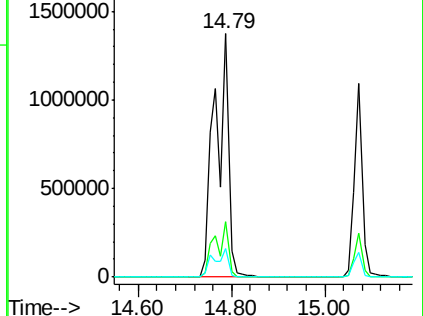
125 11.9 9.8 14.6

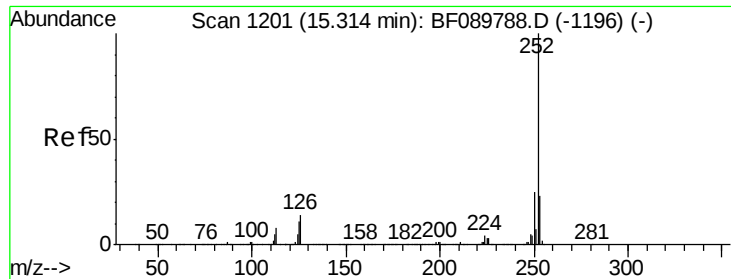


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.73 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

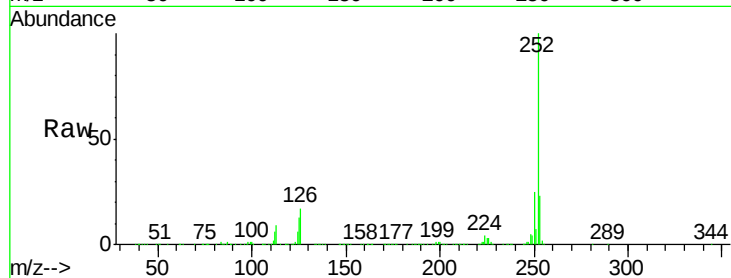
Tgt Ion:252 Resp: 1278451

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

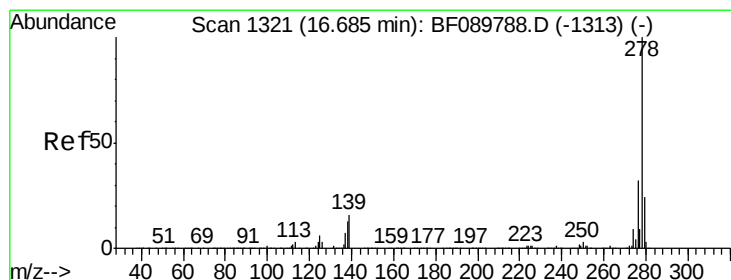
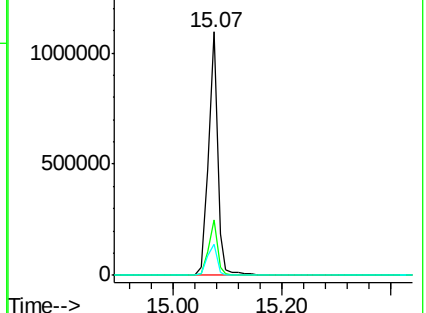
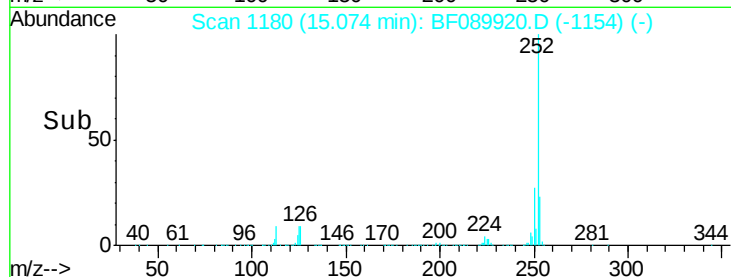
125 12.7 11.7 17.5



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: 30.40 ng

RT: 16.39 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

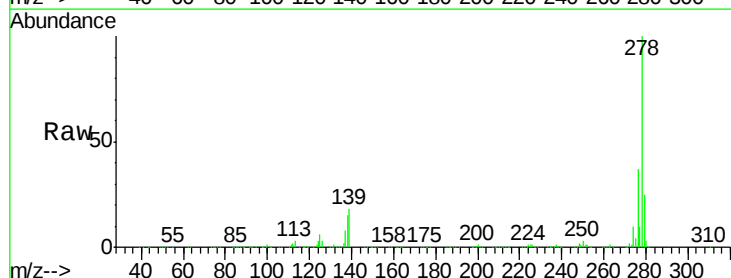
Tgt Ion:278 Resp: 1148344

Ion Ratio Lower Upper

278 100

139 17.8 14.9 22.3

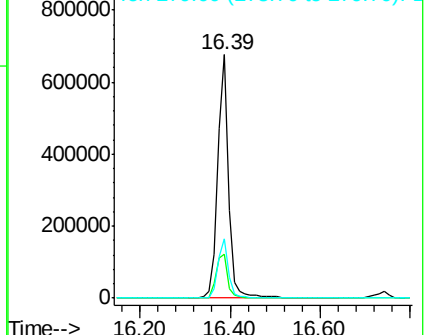
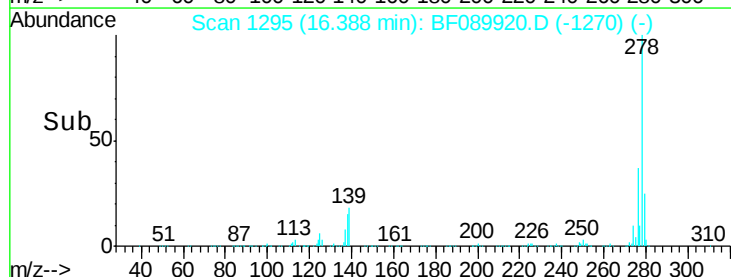
279 24.6 19.2 28.8

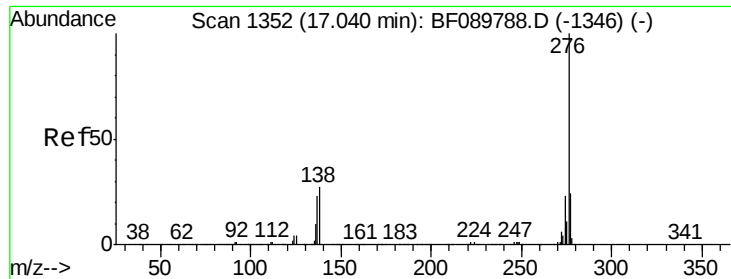


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 29.93 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF089920.D

Acq: 26 Aug 2016 21:04

Instrument :

BNA_F

ClientSampleId :

PB93109BSD

Tgt Ion:276 Resp: 1190758

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 25.0 22.1 33.1

