

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093818.D
 Acq On : 22 Mar 2017 5:56
 Operator : SJ/MA
 Sample : PB97716BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

Quant Time: Mar 22 07:02:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	200235	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	868290	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	376733	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	612773	20.00	ng	0.00
75) Chrysene-d12	13.97	240	326033	20.00	ng	0.00
86) Perylene-d12	15.37	264	350617	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	959806	83.82	ng	0.01
7) Phenol-d6	6.46	99	1236875	87.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	1196896	78.20	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	248084	85.02	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1796325	80.18	ng	0.00
78) Terphenyl-d14	12.93	244	1251188	78.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	201164	34.67	ng	99
3) Pyridine	3.19	79	599284	38.55	ng	99
4) n-Nitrosodimethylamine	3.13	42	268269	40.02	ng	93
6) Aniline	6.48	93	431497	21.81	ng	# 61
8) 2-Chlorophenol	6.61	128	562524	44.67	ng	93
9) Benzaldehyde	6.37	77	187666	18.76	ng	95
10) Phenol	6.47	94	642437	40.39	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	498874	38.63	ng	99
12) 1,3-Dichlorobenzene	6.77	146	580242	40.62	ng	99
13) 1,4-Dichlorobenzene	6.85	146	623631	42.79	ng	99
14) 1,2-Dichlorobenzene	7.00	146	521545	39.02	ng	99
15) Benzyl Alcohol	6.97	79	493647	47.09	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	783726	38.17	ng	99
17) 2-Methylphenol	7.09	107	471520	42.66	ng	98
18) Hexachloroethane	7.35	117	211762	40.99	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	361710	39.02	ng	98
20) 3+4-Methylphenols	7.24	107	576125	44.03	ng	# 88
22) Acetophenone	7.24	105	725900	38.61	ng	# 96
24) Nitrobenzene	7.41	77	532123	36.39	ng	99
25) Isophorone	7.66	82	1076321	39.69	ng	# 91
26) 2-Nitrophenol	7.73	139	303376	45.88	ng	94
27) 2,4-Dimethylphenol	7.77	122	577100	42.43	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	634153	36.35	ng	99
29) 2,4-Dichlorophenol	7.97	162	472295	40.80	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	481981	40.09	ng	99
31) Naphthalene	8.14	128	1662147	41.24	ng	100
32) Benzoic acid	7.89	122	356731	42.18	ng	98
33) 4-Chloroaniline	8.18	127	216548	12.50	ng	# 89
34) Hexachlorobutadiene	8.26	225	248841	39.36	ng	98
35) Caprolactam	8.55	113	158032	43.49	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	519062	43.27	ng	# 83
37) 2-Methylnaphthalene	8.82	142	1051686	39.98	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	406971	40.79	ng	98
40) Hexachlorocyclopentadiene	8.98	237	273940	54.42	ng	98

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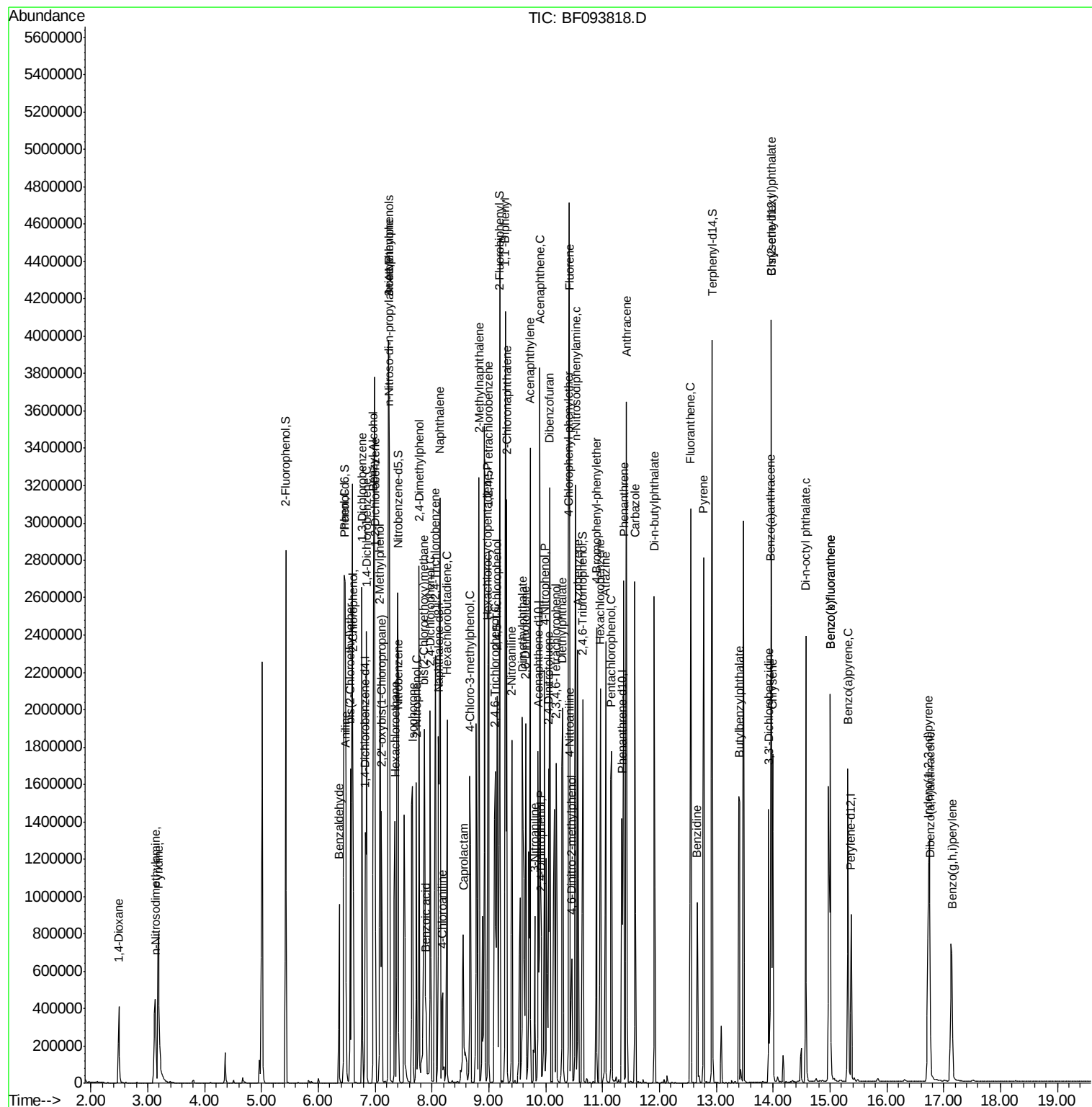
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	342790	47.33	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	316823	42.14	nq	96
45) 1,1'-Biphenyl	9.29	154	1262871	41.25	nq	98
46) 2-Chloronaphthalene	9.32	162	1014370	43.21	nq	96
47) 2-Nitroaniline	9.41	65	334323	50.99	nq	# 76
48) Acenaphthylene	9.73	152	1493249	39.08	nq	100
49) Dimethylphthalate	9.59	163	1146330	42.76	nq	99
50) 2,6-Dinitrotoluene	9.65	165	238396	40.50	nq	# 78
51) Acenaphthene	9.90	154	926365	40.60	nq	99
52) 3-Nitroaniline	9.81	138	168155	23.80	nq	96
53) 2,4-Dinitrophenol	9.92	184	151108	65.40	nq	# 55
54) Dibenzofuran	10.07	168	1259457	41.01	nq	97
55) 4-Nitrophenol	9.98	139	418830	78.92	nq	# 66
56) 2,4-Dinitrotoluene	10.05	165	308736	41.32	nq	# 73
57) Fluorene	10.41	166	915924	38.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	223410	43.25	nq	99
59) Diethylphthalate	10.30	149	1137403	43.53	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	417813	42.15	nq	95
61) 4-Nitroaniline	10.42	138	240765	38.09	nq	94
62) Azobenzene	10.56	77	1128574	43.67	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	120821	34.03	nq	# 53
65) n-Nitrosodiphenylamine	10.53	169	974941	47.73	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	250321	42.44	nq	94
67) Hexachlorobenzene	10.96	284	257073	42.26	nq	# 86
68) Atrazine	11.05	200	272245	43.41	nq	94
69) Pentachlorophenol	11.16	266	287109	80.72	nq	98
70) Phenanthrene	11.37	178	1415783	43.38	nq	99
71) Anthracene	11.42	178	1328700	39.55	nq	100
72) Carbazole	11.57	167	1200035	36.08	nq	99
73) Di-n-butylphthalate	11.91	149	1556611	43.48	nq	100
74) Fluoranthene	12.55	202	1213373	36.17	nq	100
76) Benzidine	12.67	184	365570	25.56	nq	95
77) Pyrene	12.78	202	1238644	45.65	nq	100
79) Butylbenzylphthalate	13.41	149	564464	46.55	nq	96
80) Benzo(a)anthracene	13.96	228	836932	40.98	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	267125	34.71	nq	98
82) Chrysene	13.99	228	822937	40.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	661321	45.28	nq	99
84) Di-n-octyl phthalate	14.57	149	1137060	42.67	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	778439	46.59	nq	99
87) Benzo(b)fluoranthene	15.01	252	1664810	70.43	nq	99
88) Benzo(k)fluoranthene	15.01	252	1664810	95.39	nq	# 95
89) Benzo(a)pyrene	15.32	252	813597	42.45	nq	98
90) Dibenzo(a,h)anthracene	16.76	278	664626	41.76	nq	97
91) Benzo(g,h,i)perylene	17.15	276	613834	38.86	nq	94

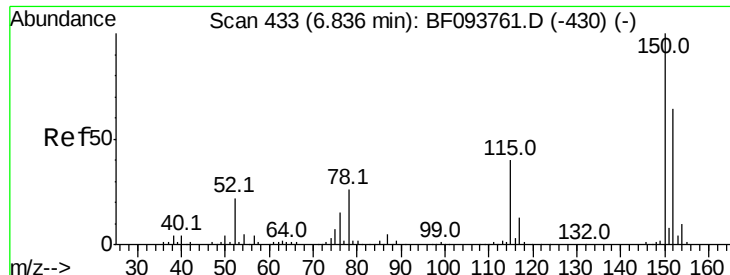
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

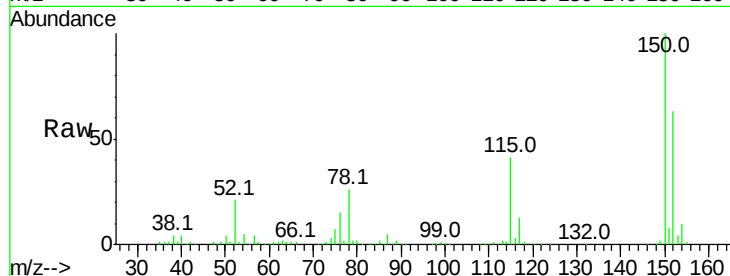
Tot Ion:152 Resp: 200235

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

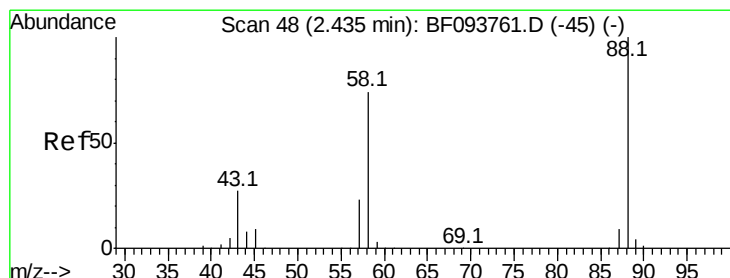
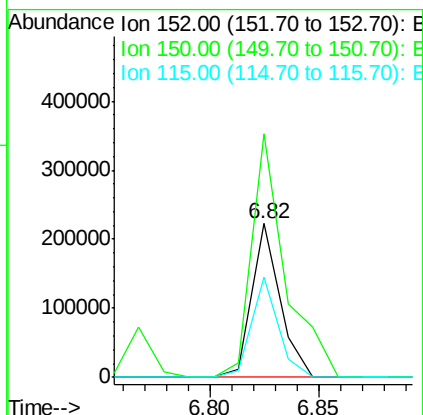
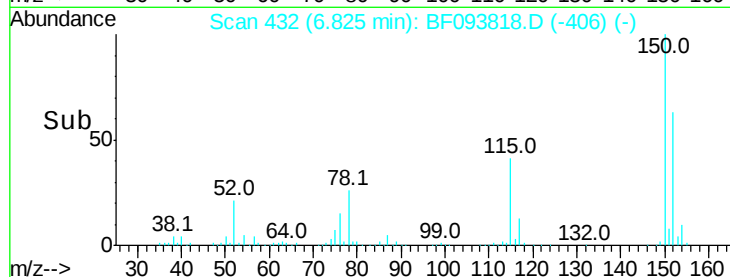
115 65.0 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.67 ng

RT: 2.49 min Scan# 53

Delta R.T. 0.08 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

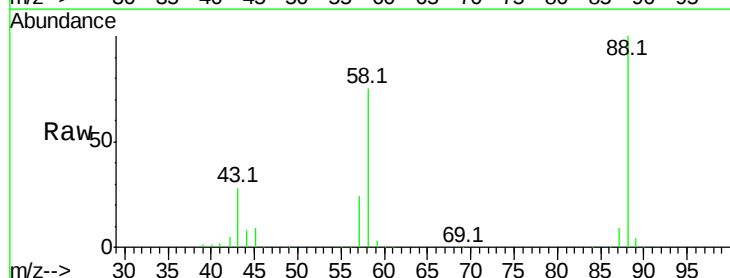
Tgt Ion: 88 Resp: 201164

Ion Ratio Lower Upper

88 100

58 75.6 61.4 92.0

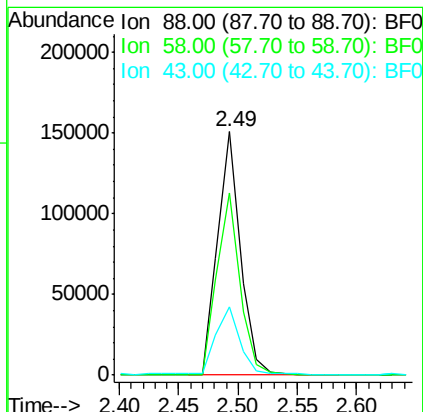
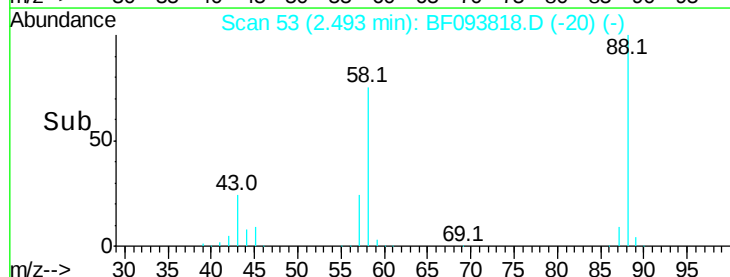
43 28.7 23.4 35.0

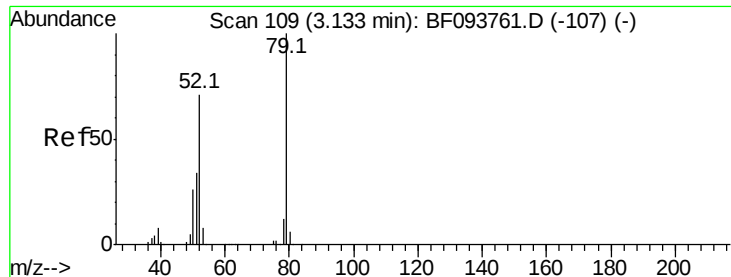


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.55 ng

RT: 3.19 min Scan# 114

Delta R.T. 0.08 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

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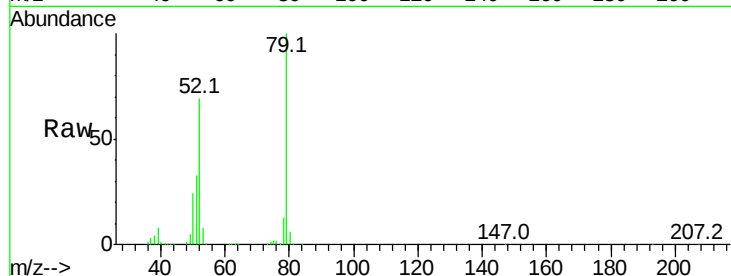
Tot Ion: 79 Resp: 599284

Ion Ratio Lower Upper

79 100

52 69.0 54.8 82.2

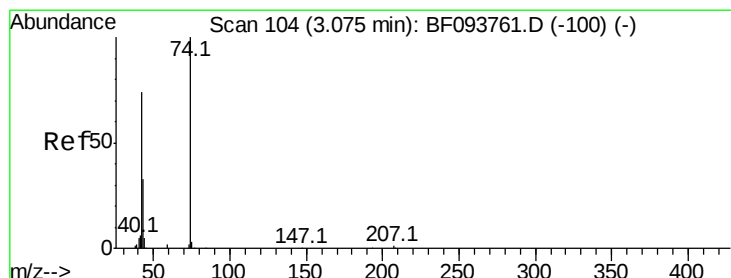
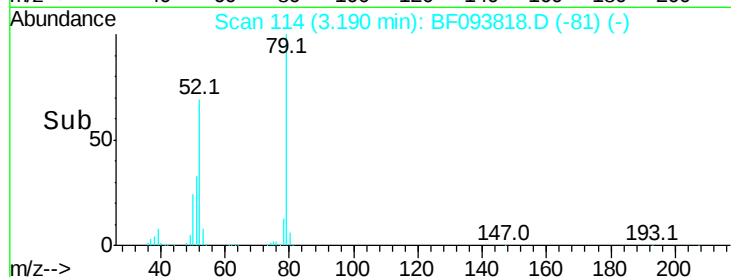
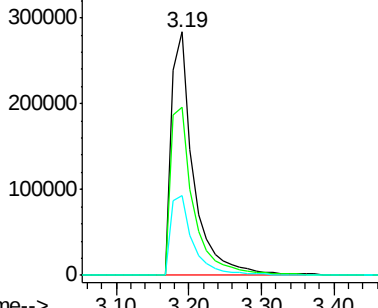
51 32.7 27.0 40.4



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: 40.02 ng

RT: 3.13 min Scan# 109

Delta R.T. 0.08 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

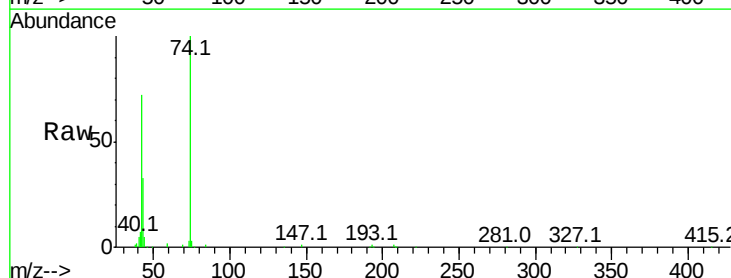
Tgt Ion: 42 Resp: 268269

Ion Ratio Lower Upper

42 100

74 138.9 103.9 155.9

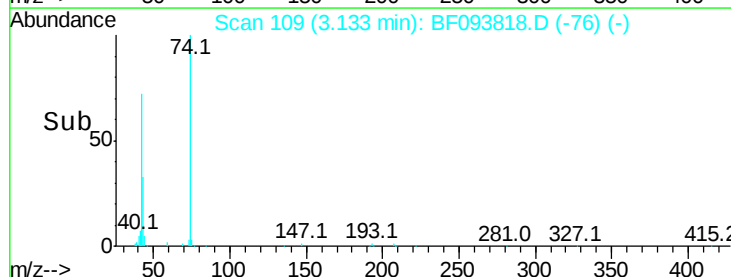
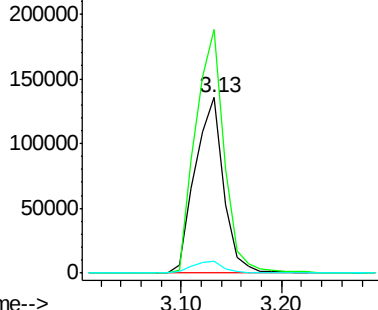
44 6.7 5.7 8.5

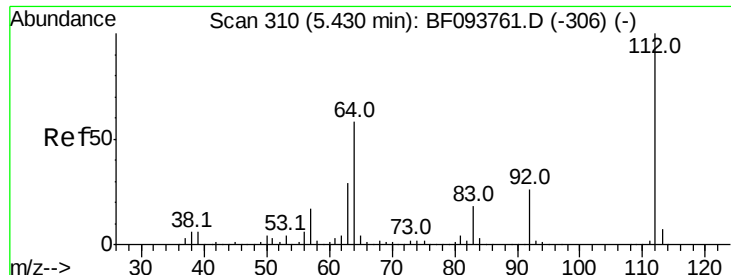


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.82 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

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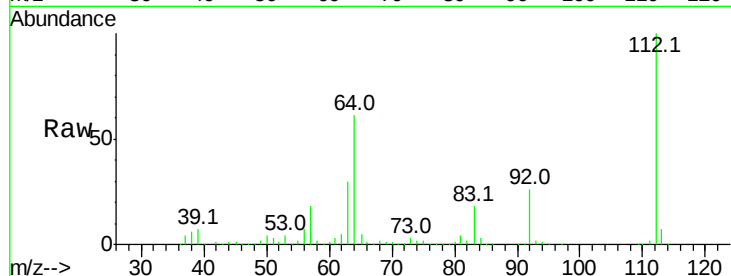
Tot Ion:112 Resp: 959806

Ion Ratio Lower Upper

112 100

64 60.9 46.0 69.0

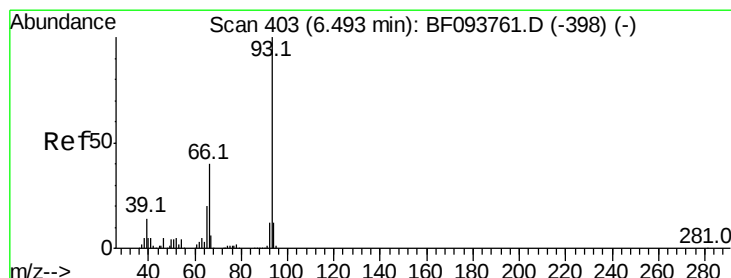
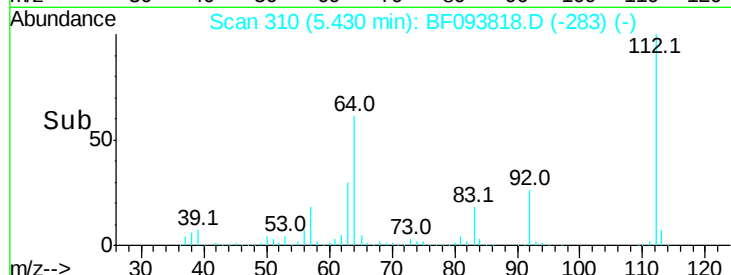
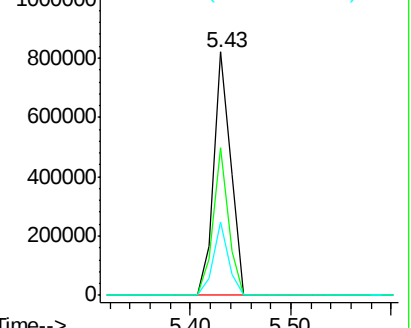
63 30.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.81 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

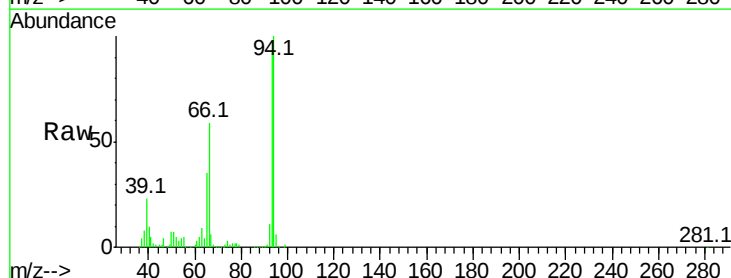
Tgt Ion: 93 Resp: 431497

Ion Ratio Lower Upper

93 100

66 64.8 32.9 49.3#

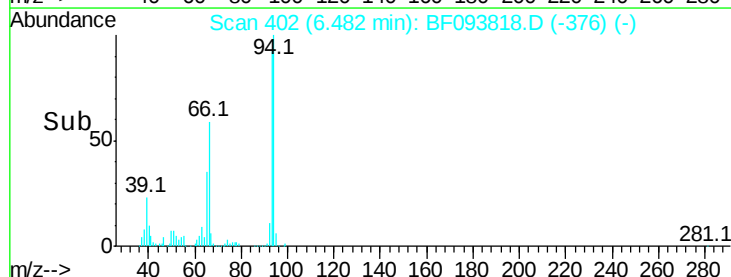
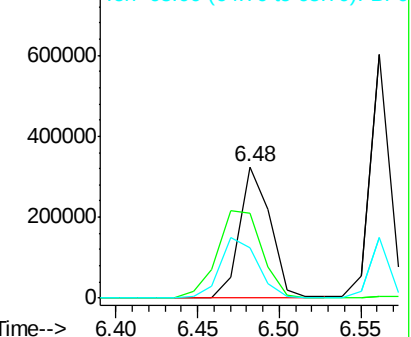
65 38.5 16.0 24.0#

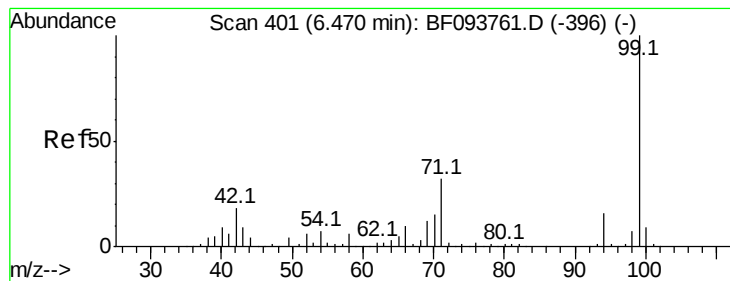


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 87.42 ng

RT: 6.46 min Scan# 400

Delta R.T. 0.00 min

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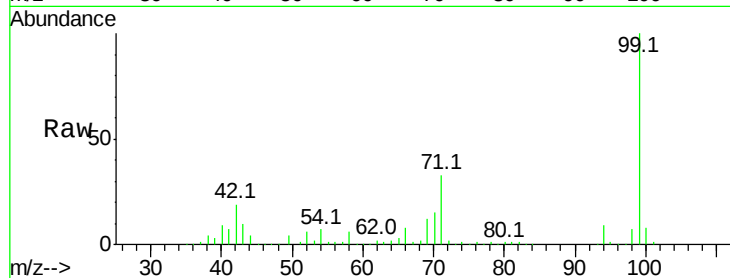
Tot Ion: 99 Resp: 1236875

Ion Ratio Lower Upper

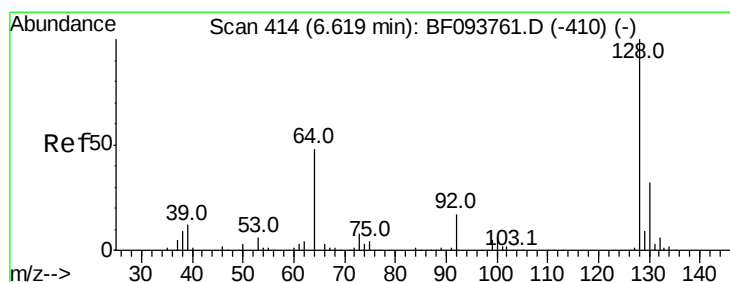
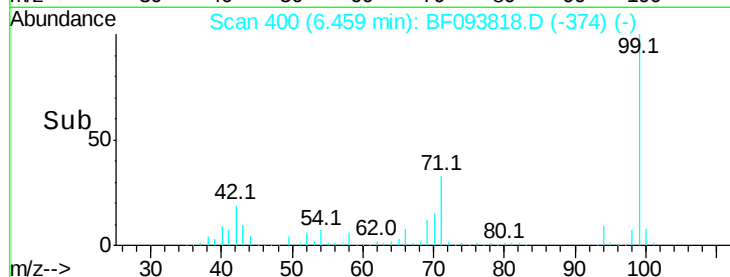
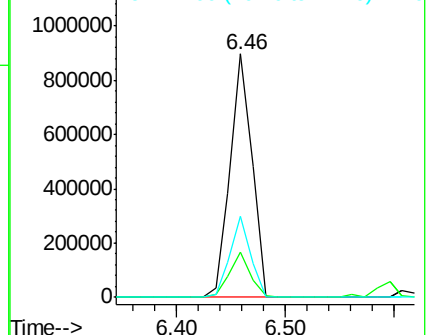
99 100

42 18.7 13.5 20.3

71 33.2 24.5 36.7



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: 44.67 ng

RT: 6.61 min Scan# 413

Delta R.T. 0.00 min

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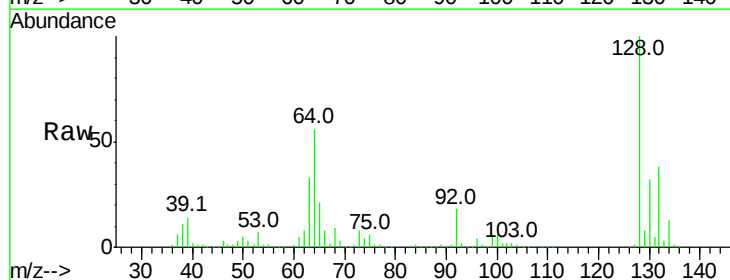
Tgt Ion: 128 Resp: 562524

Ion Ratio Lower Upper

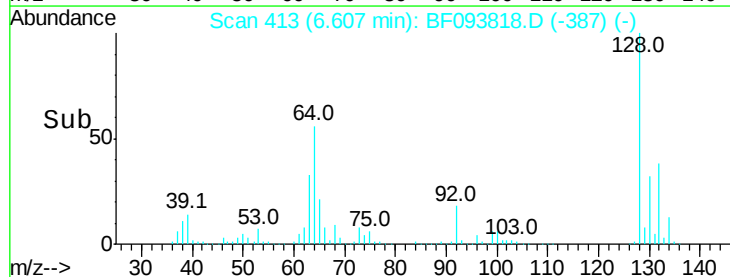
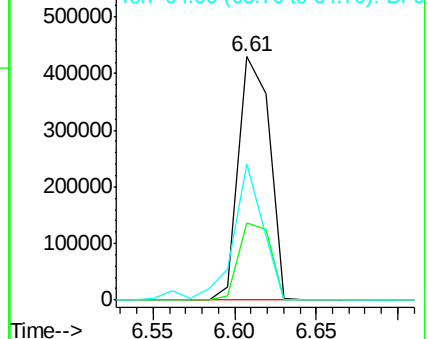
128 100

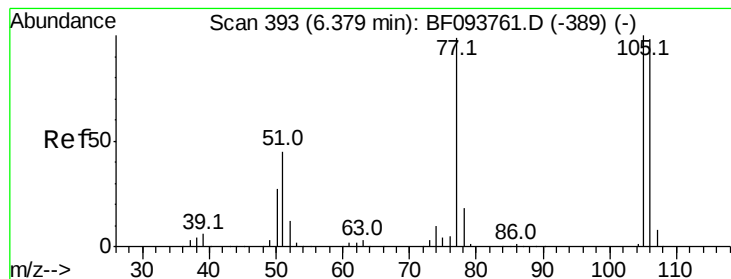
130 31.8 12.9 52.9

64 56.0 28.4 68.4



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: 18.76 ng

RT: 6.37 min Scan# 392

Delta R.T. 0.00 min

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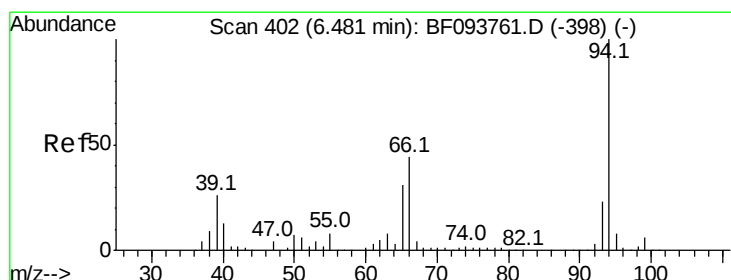
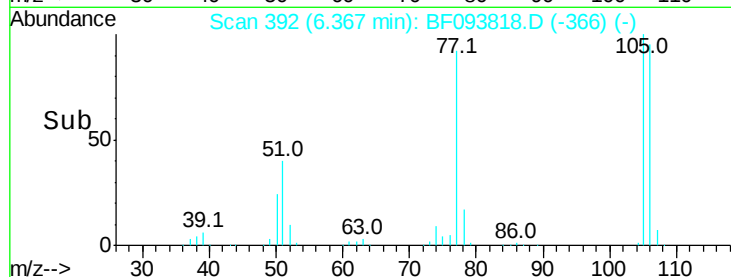
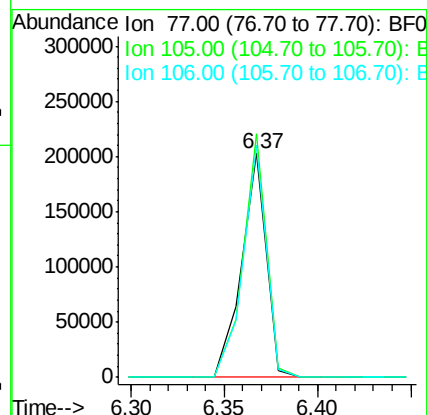
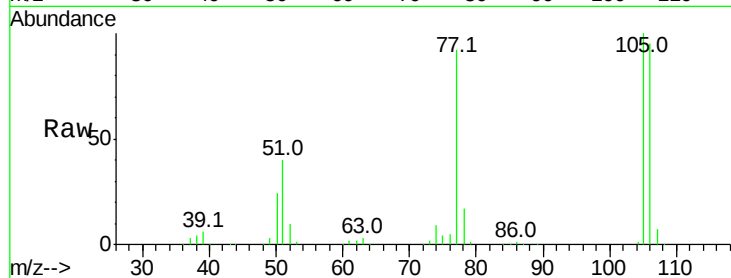
Tot Ion: 77 Resp: 187666

Ion Ratio Lower Upper

77 100

105 108.6 83.8 123.8

106 103.6 79.1 119.1



#10

Phenol

Concen: 40.39 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

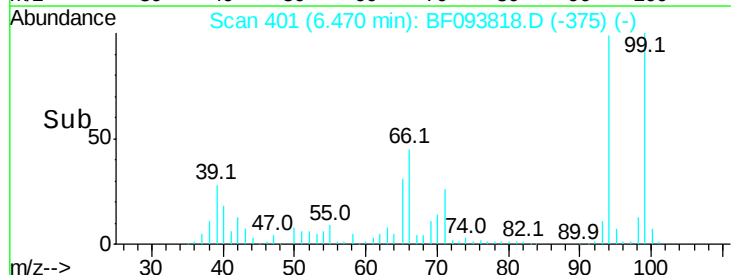
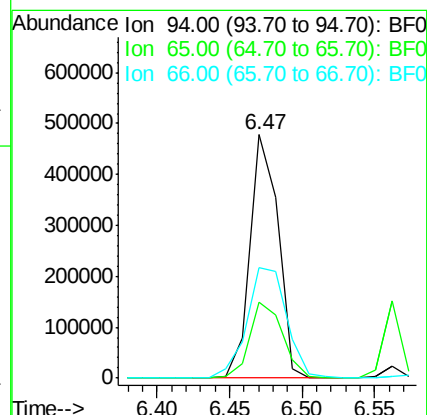
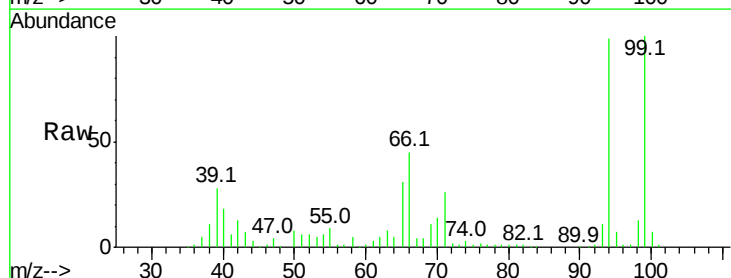
Tgt Ion: 94 Resp: 642437

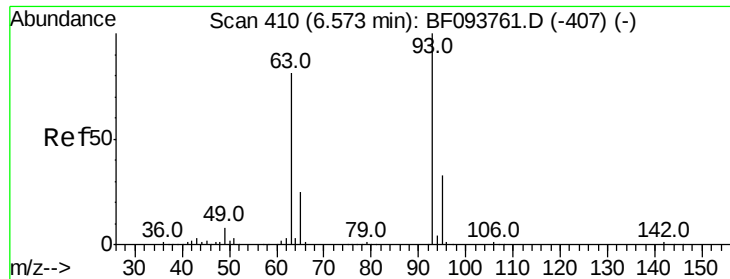
Ion Ratio Lower Upper

94 100

65 31.2 9.9 49.9

66 45.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.63 ng

RT: 6.56 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

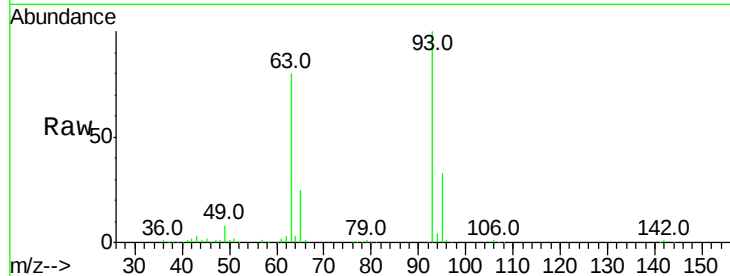
Tot Ion: 93 Resp: 498874

Ion Ratio Lower Upper

93 100

63 79.8 59.2 99.2

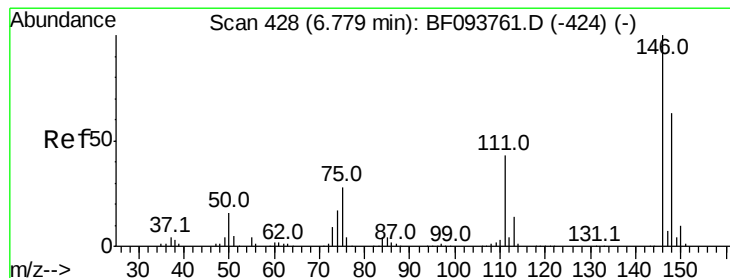
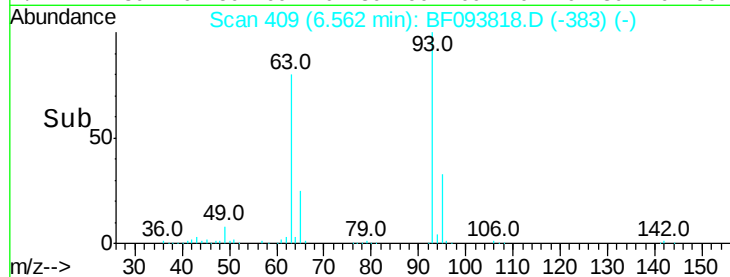
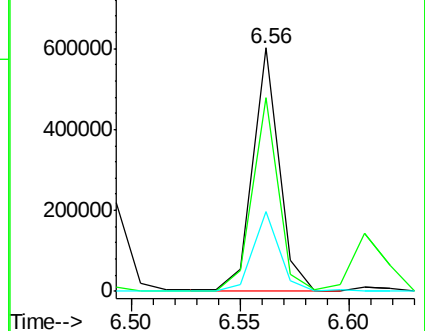
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.62 ng

RT: 6.77 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

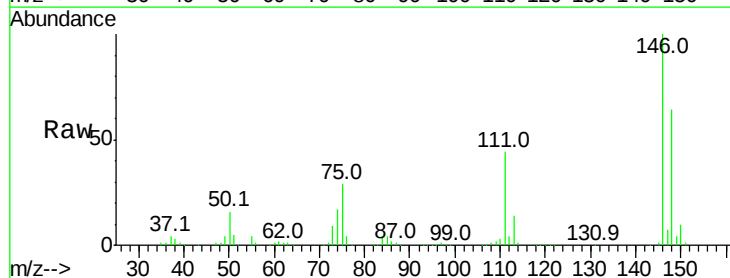
Tgt Ion: 146 Resp: 580242

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

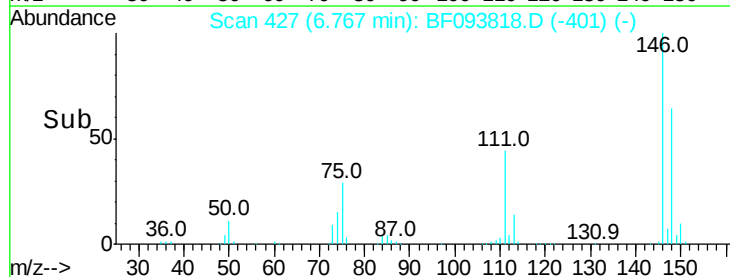
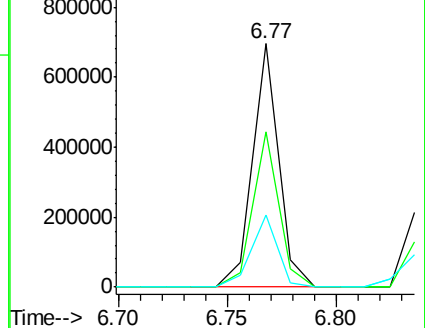
75 29.5 23.1 34.7

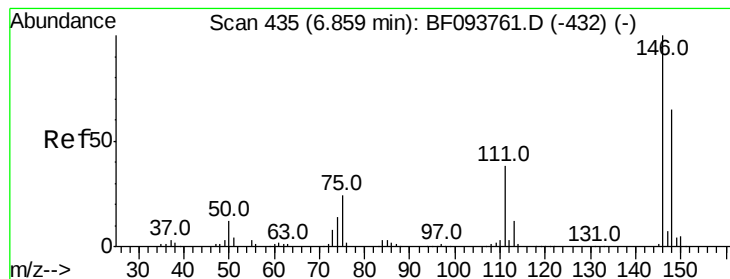


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.79 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

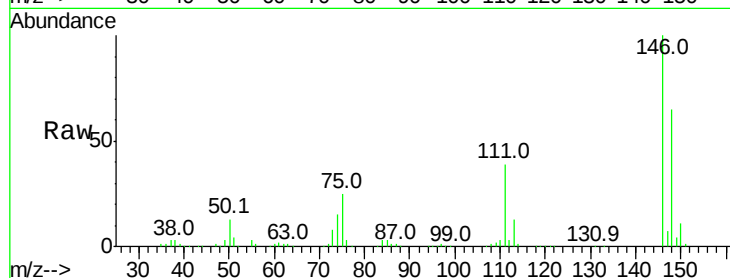
Tot Ion:146 Resp: 623631

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.2

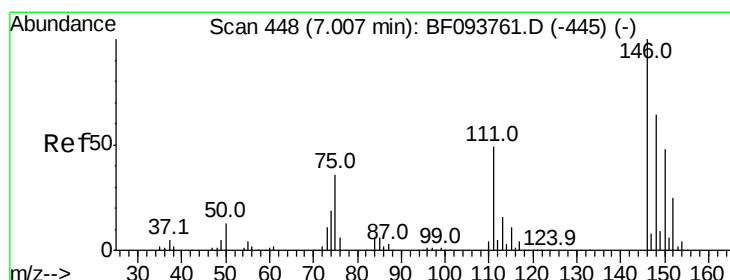
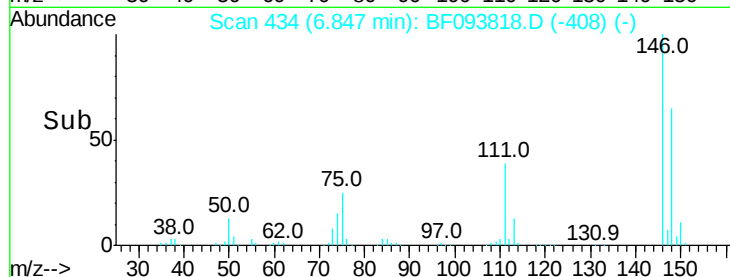
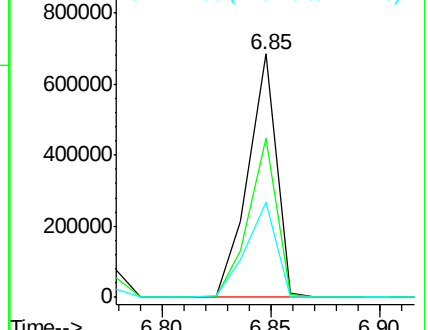
111 38.9 30.3 45.5



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: 39.02 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

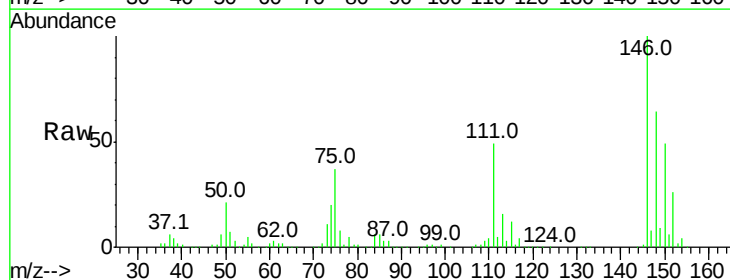
Tgt Ion:146 Resp: 521545

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

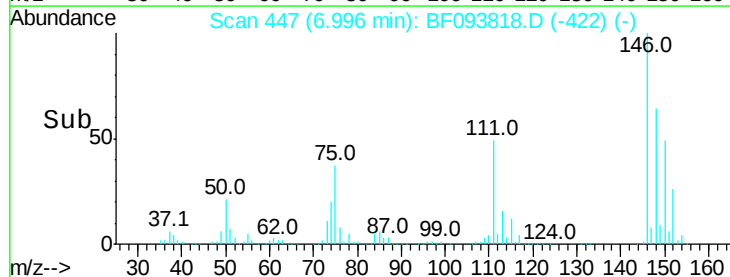
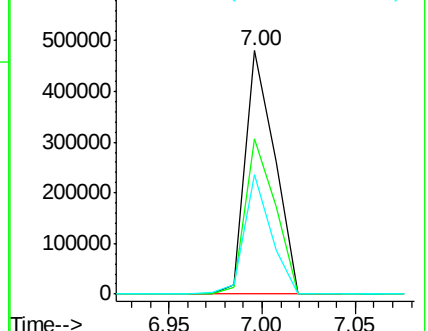
111 49.1 38.2 57.4

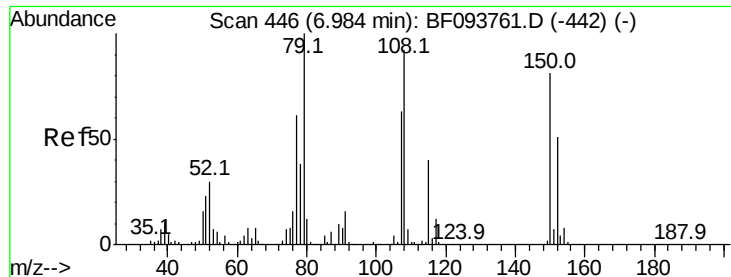


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.09 ng

RT: 6.97 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

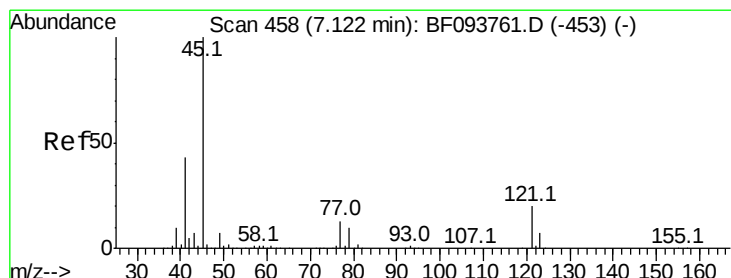
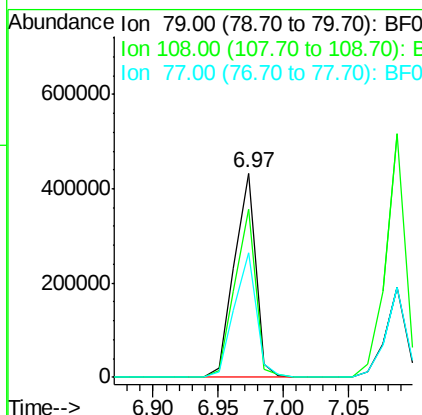
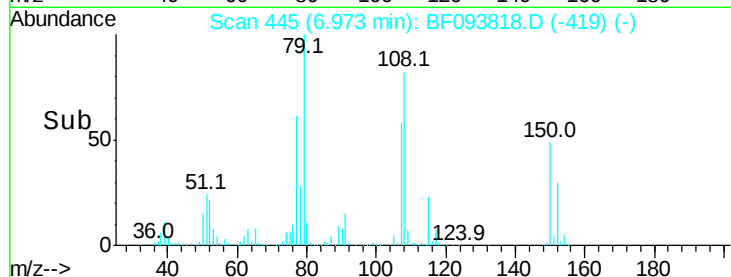
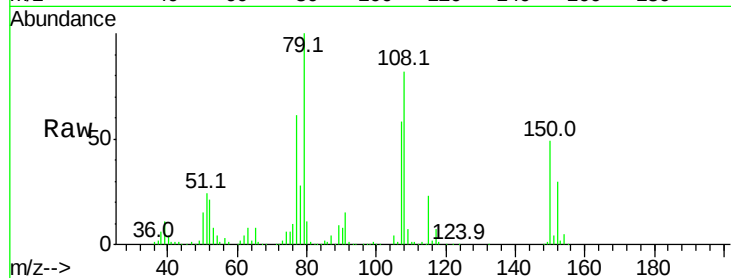
Tot Ion: 79 Resp: 493647

Ion Ratio Lower Upper

79 100

108 82.5 63.4 95.0

77 60.9 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.17 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

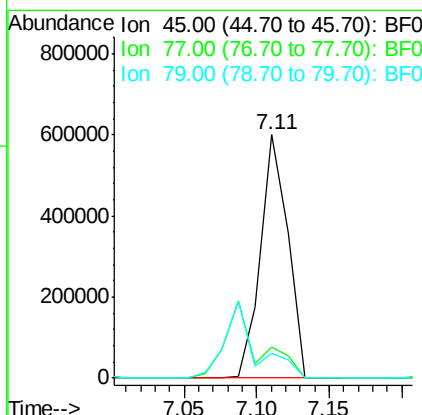
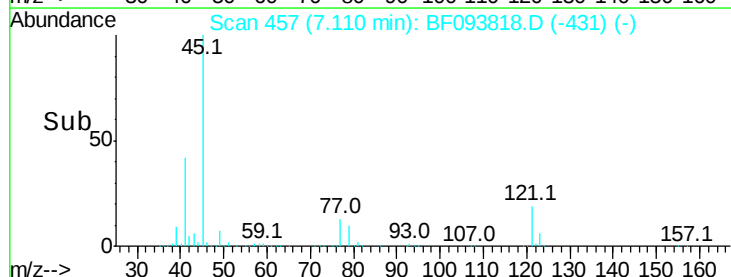
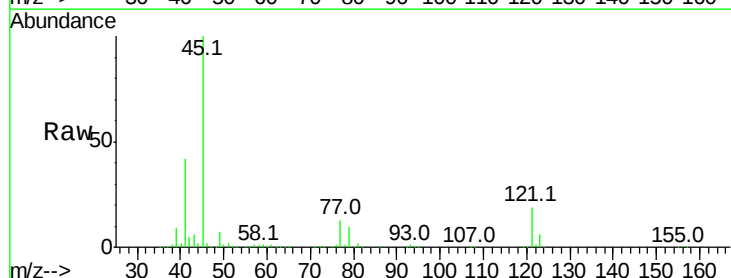
Tgt Ion: 45 Resp: 783726

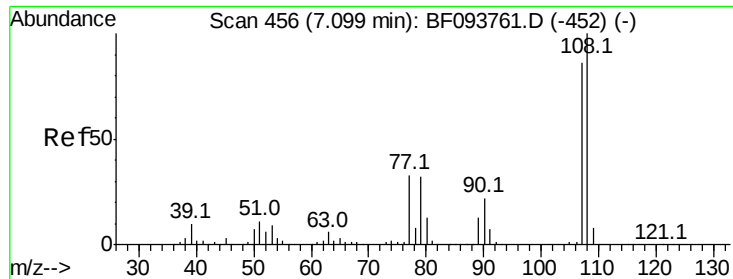
Ion Ratio Lower Upper

45 100

77 12.8 0.0 33.2

79 10.1 0.0 30.0





#17

2-Methylphenol

Concen: 42.66 ng

RT: 7.09 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

Tot Ion:107 Resp: 471520

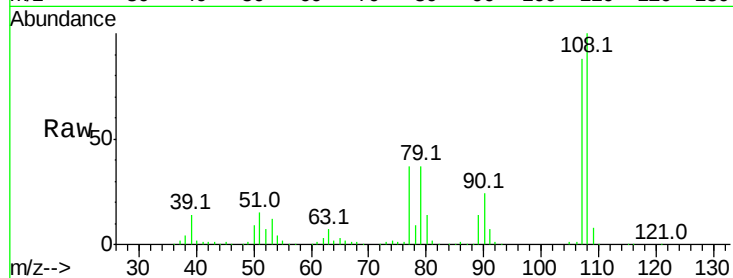
Ion Ratio Lower Upper

107 100

108 114.2 93.4 140.0

77 42.4 35.8 53.6

79 42.3 34.8 52.2

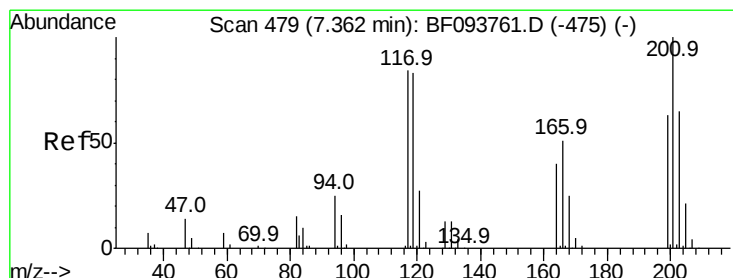
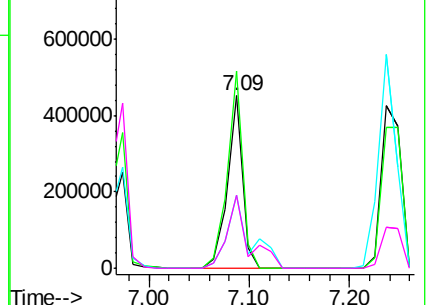
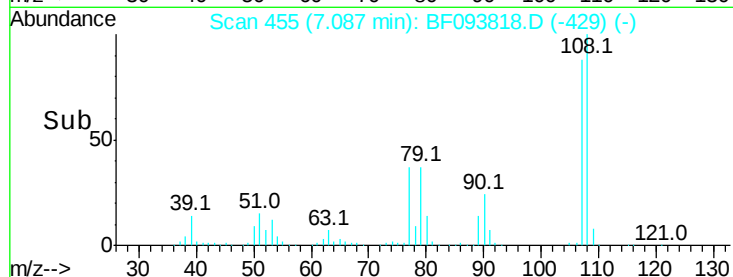


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.99 ng

RT: 7.35 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

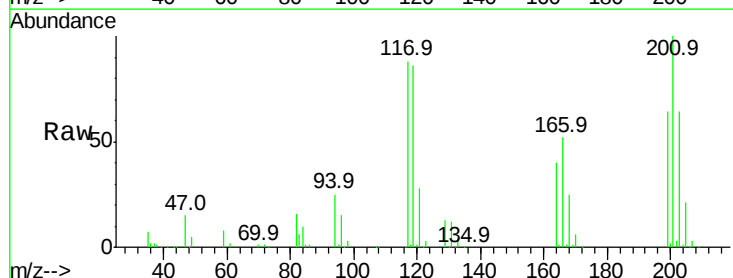
Tgt Ion:117 Resp: 211762

Ion Ratio Lower Upper

117 100

119 97.8 77.4 116.0

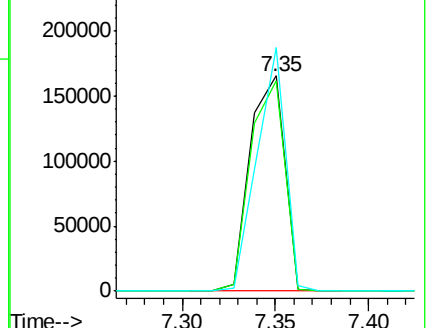
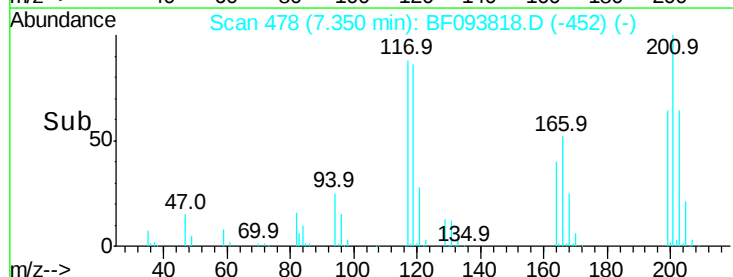
201 113.2 94.6 141.8

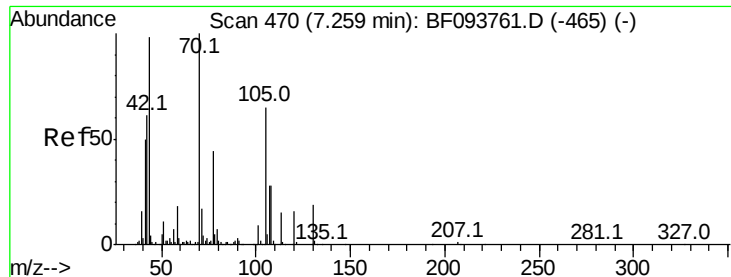


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

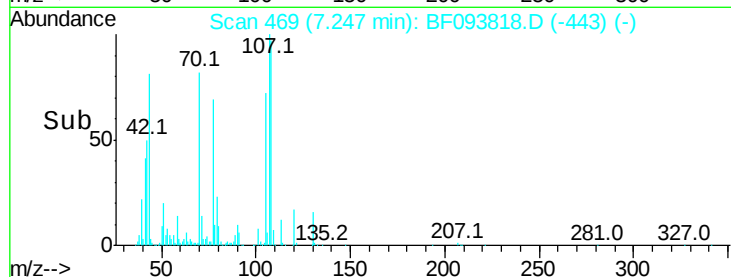
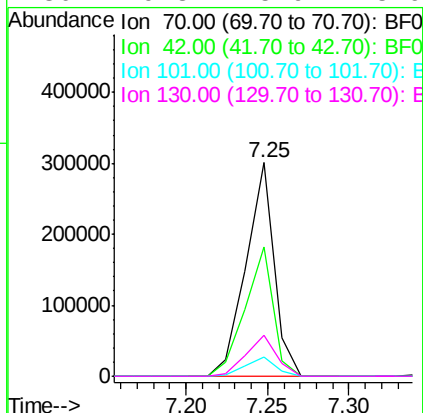
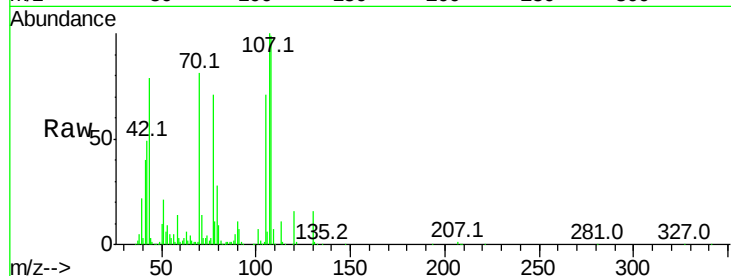




#19
n-Nitroso-di-n-propylamine
Concen: 39.02 ng
RT: 7.25 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

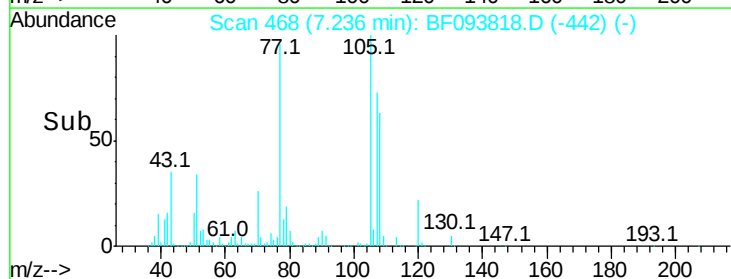
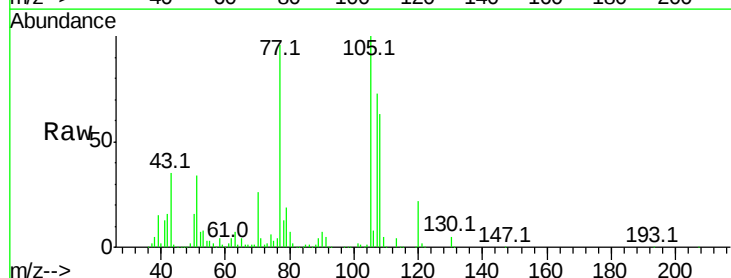
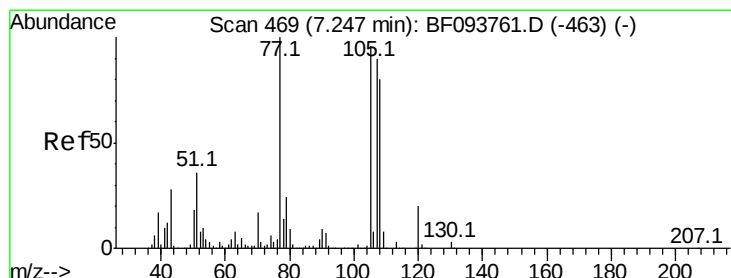
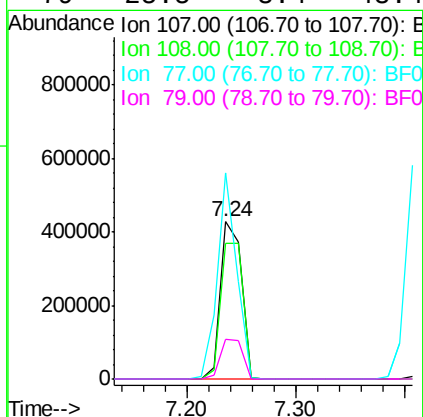
Instrument :
BNA_F
ClientSampleId :
PB97716BS

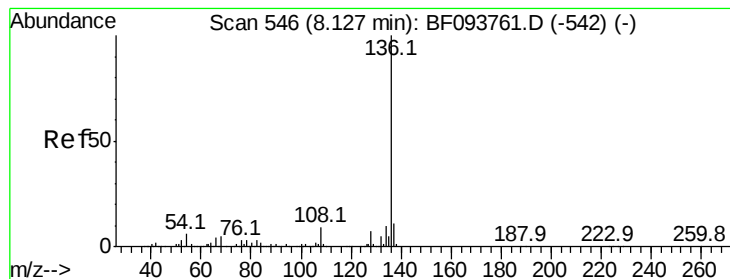
Tot Ion: 70 Resp: 361710
Ion Ratio Lower Upper
70 100
42 60.6 47.2 70.8
101 9.3 7.2 10.8
130 19.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.03 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion:107 Resp: 576125
Ion Ratio Lower Upper
107 100
108 86.2 71.0 111.0
77 131.2 90.5 130.5#
79 25.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

Tot Ion:136 Resp: 868290

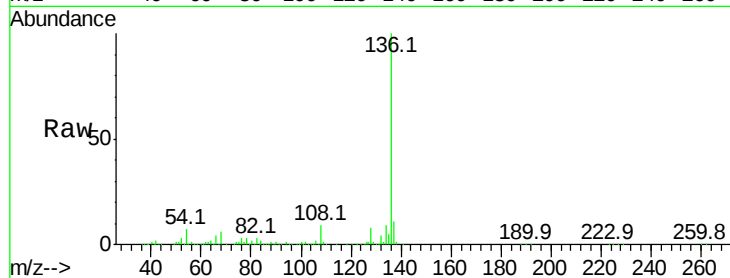
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.8 4.1 6.1

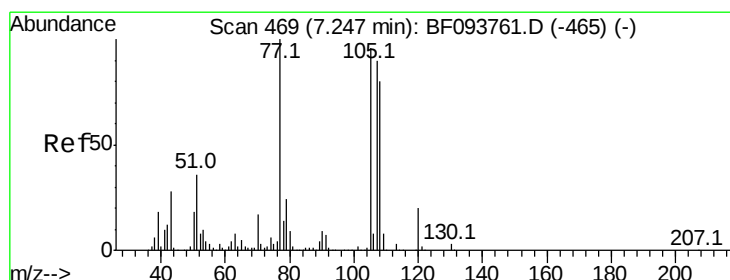
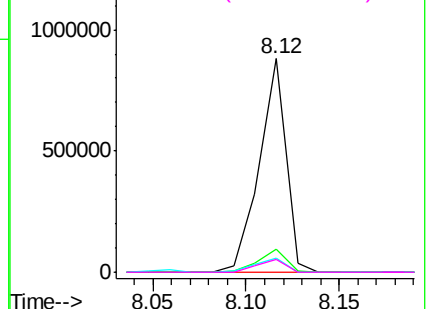
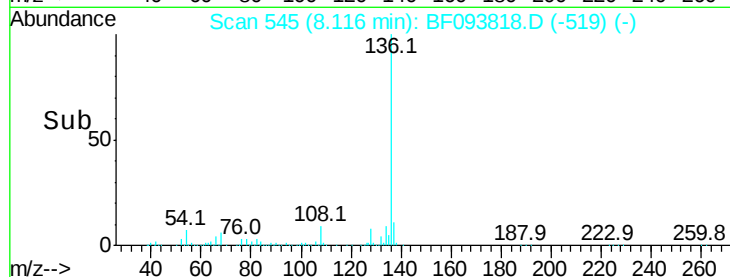


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.61 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Tgt Ion:105 Resp: 725900

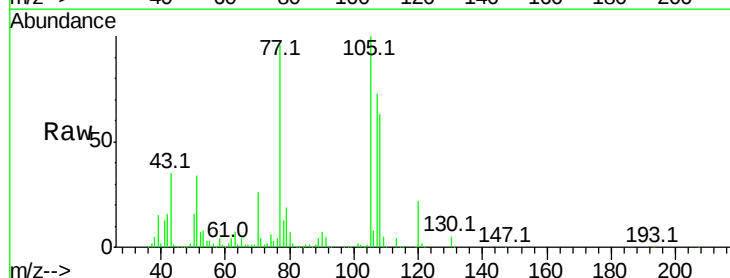
Ion Ratio Lower Upper

105 100

71 4.2 2.8 4.2#

51 34.5 30.7 46.1

120 21.9 17.4 26.0

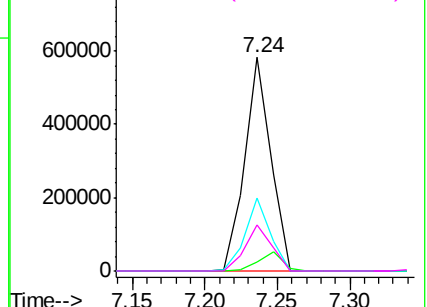
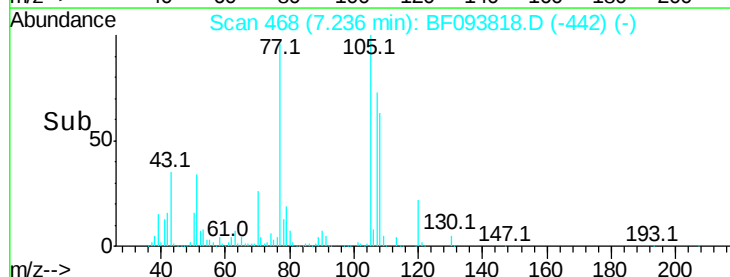


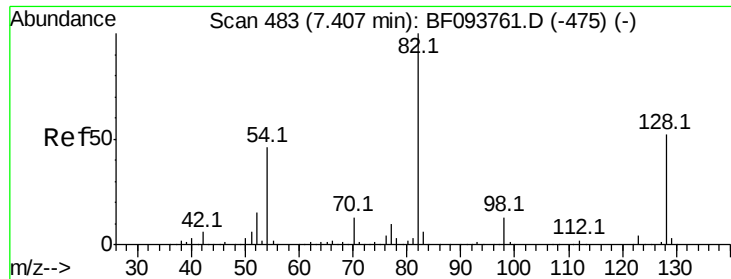
Abundance Ion 105.00 (104.70 to 105.70): E

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



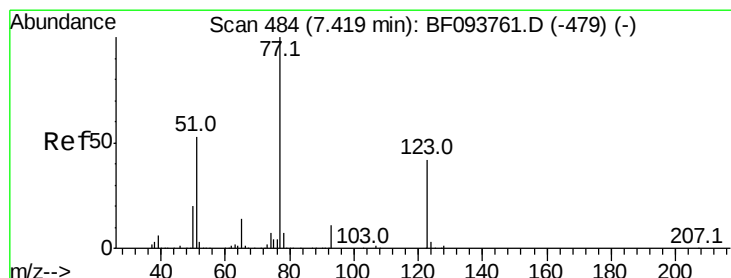
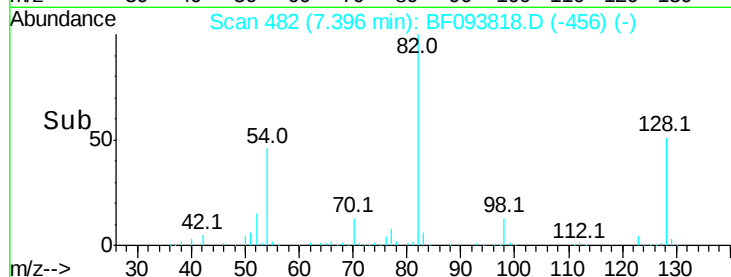
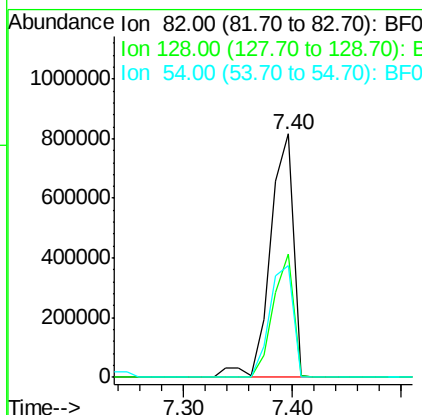
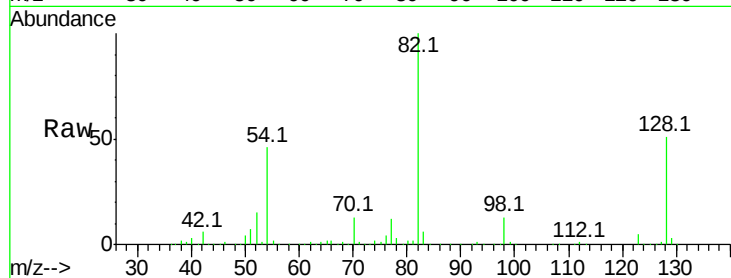


#23
 Nitrobenzene-d5
 Concen: 78.20 ng
 RT: 7.40 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

Tot Ion: 82 Resp: 1196896

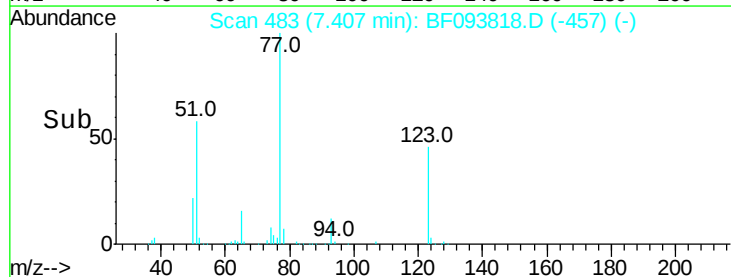
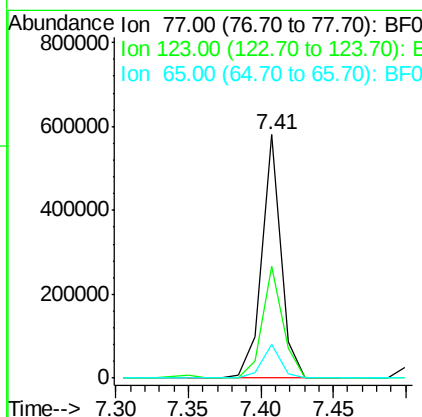
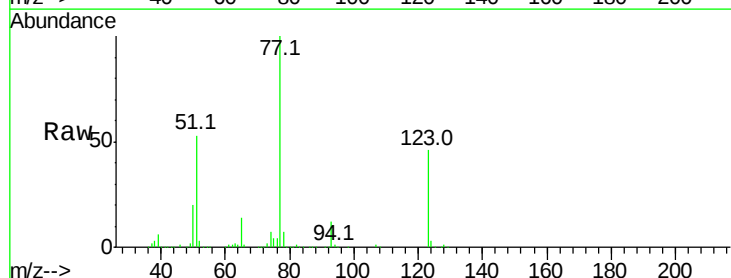
Ion	Ratio	Lower	Upper
82	100		
128	50.5	34.0	51.0
54	45.9	42.2	63.2

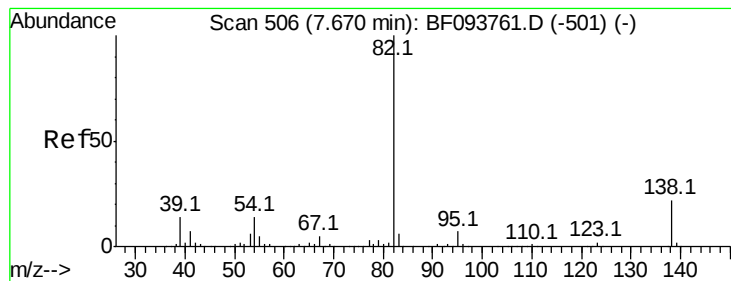


#24
 Nitrobenzene
 Concen: 36.39 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Tgt Ion: 77 Resp: 532123

Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.8	53.8
65	13.6	10.6	15.8





#25

Isophorone

Concen: 39.69 ng

RT: 7.66 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

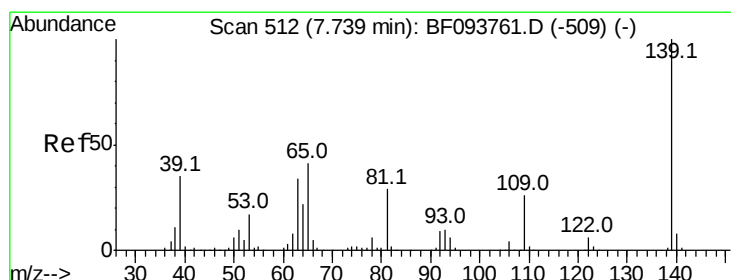
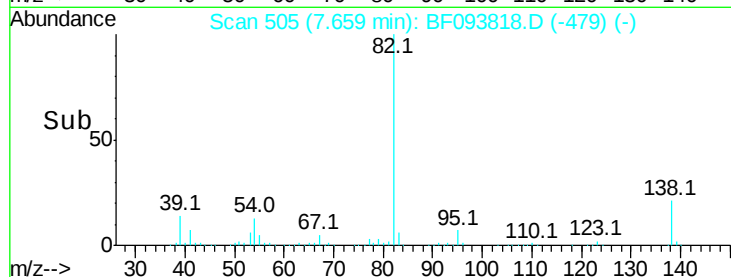
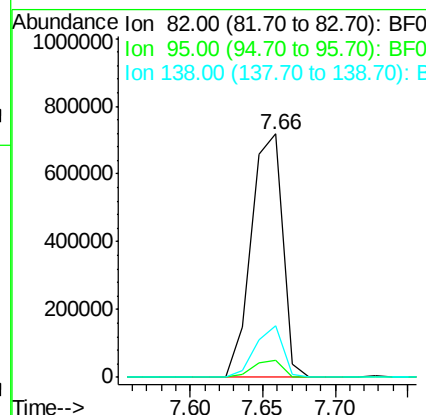
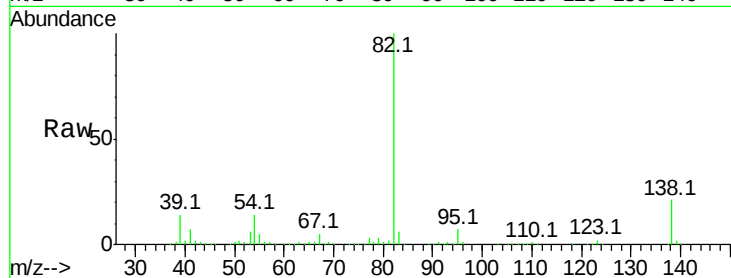
Tot Ion: 82 Resp: 1076321

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 21.4 13.1 19.7#



#26

2-Nitrophenol

Concen: 45.88 ng

RT: 7.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

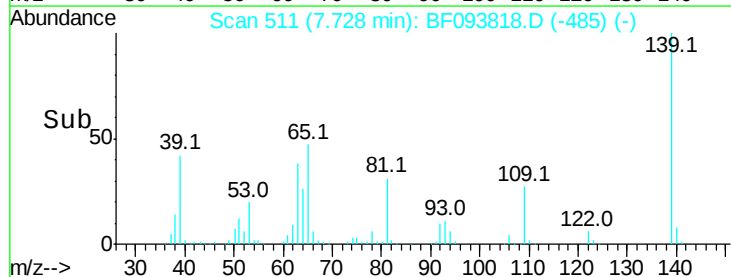
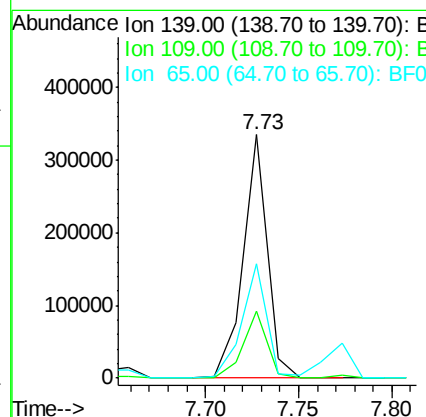
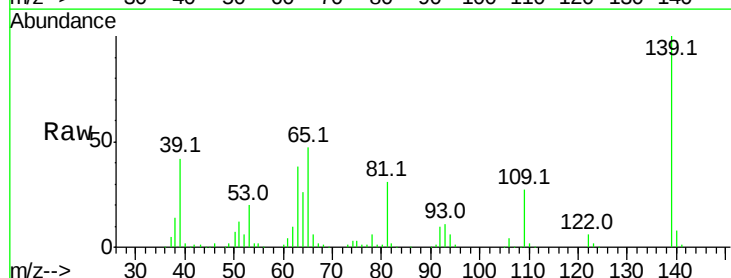
Tgt Ion: 139 Resp: 303376

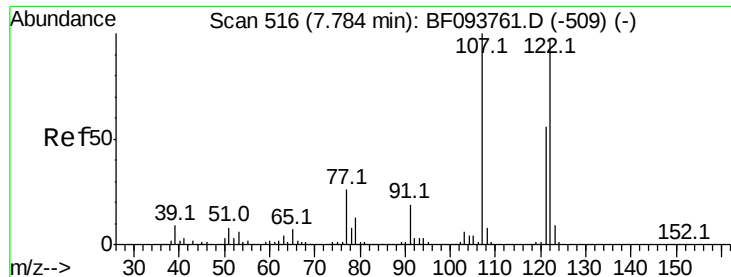
Ion Ratio Lower Upper

139 100

109 27.5 21.0 31.6

65 47.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 42.43 ng

RT: 7.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

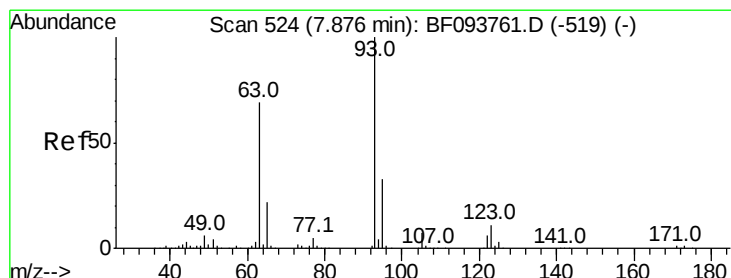
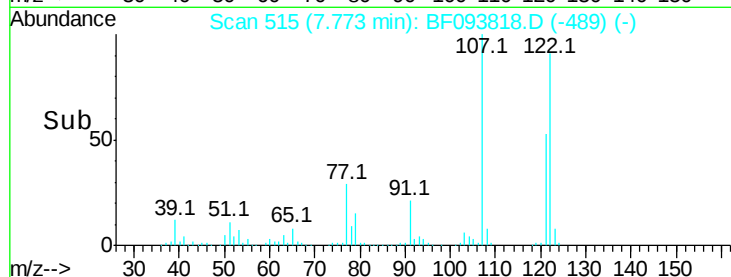
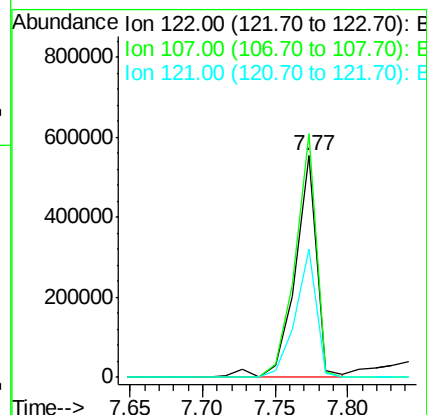
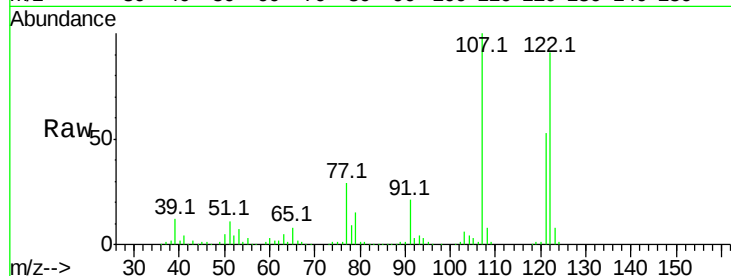
Tot Ion:122 Resp: 577100

Ion Ratio Lower Upper

122 100

107 109.9 89.2 133.8

121 58.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 36.35 ng

RT: 7.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

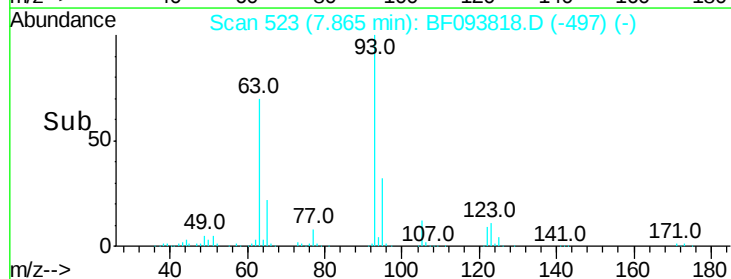
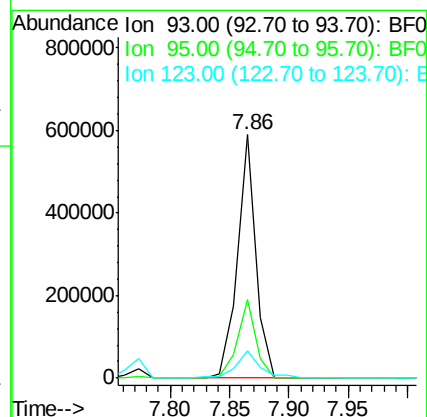
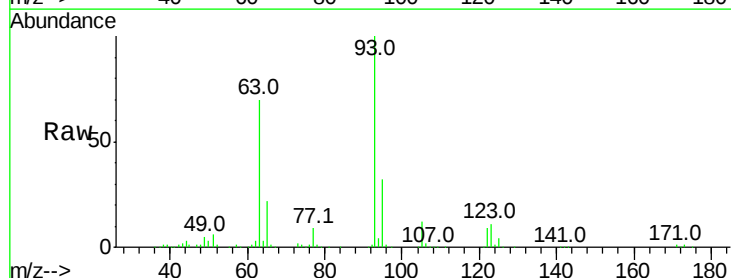
Tgt Ion: 93 Resp: 634153

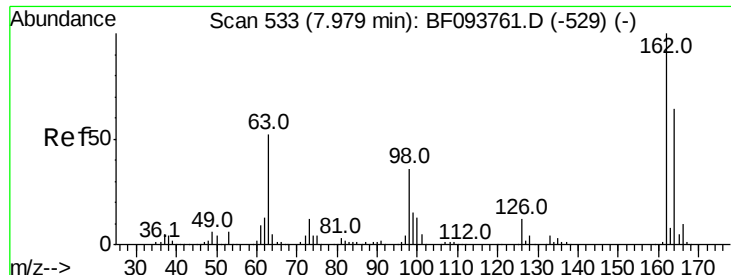
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.80 ng

RT: 7.97 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleID :

PB97716BS

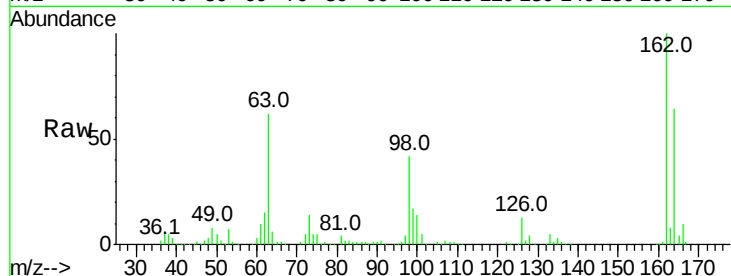
Tot Ion:162 Resp: 472295

Ion Ratio Lower Upper

162 100

164 63.8 44.6 84.6

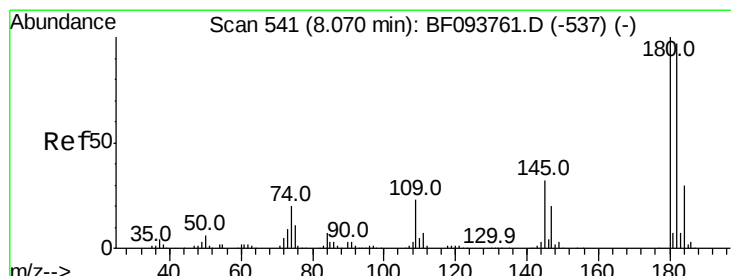
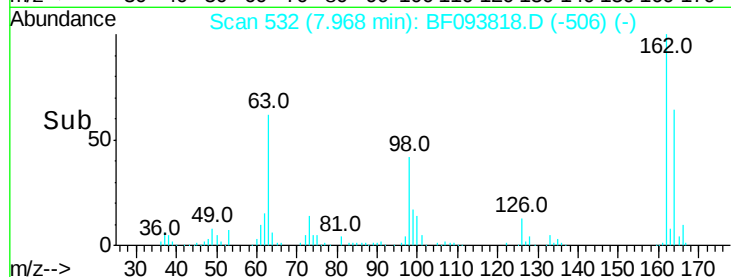
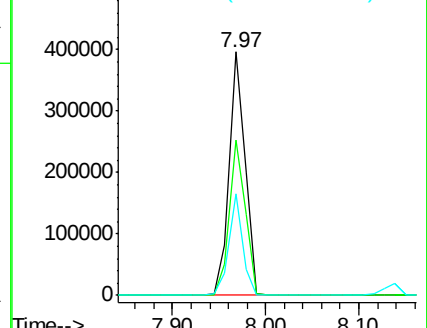
98 41.8 14.8 54.8



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: 40.09 ng

RT: 8.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

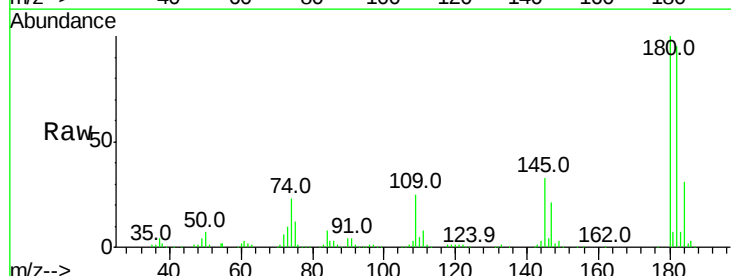
Tgt Ion:180 Resp: 481981

Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.6

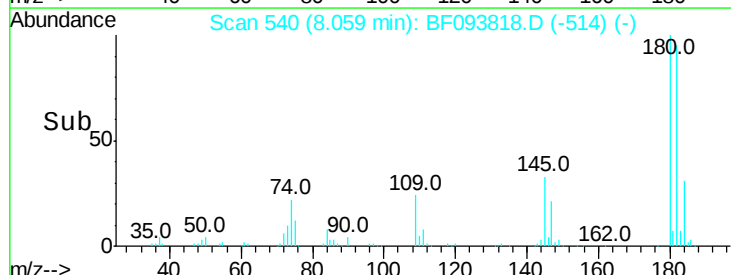
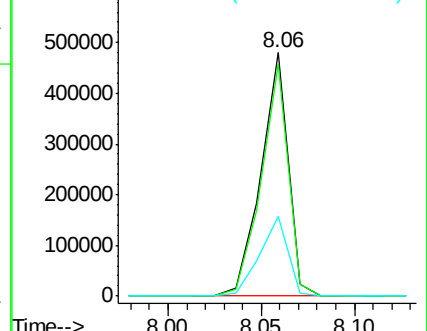
145 32.7 25.3 37.9

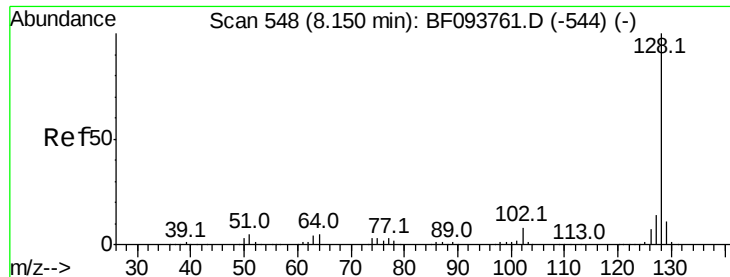


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

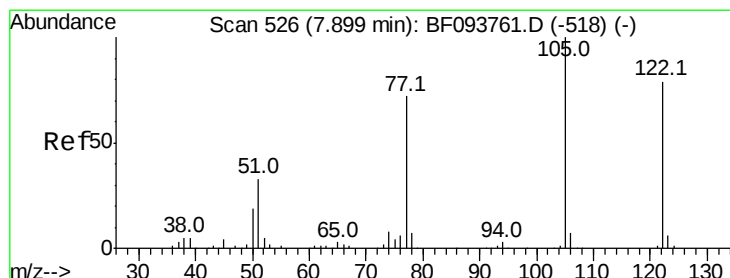
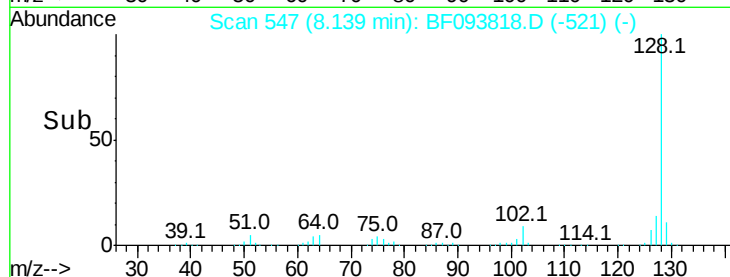
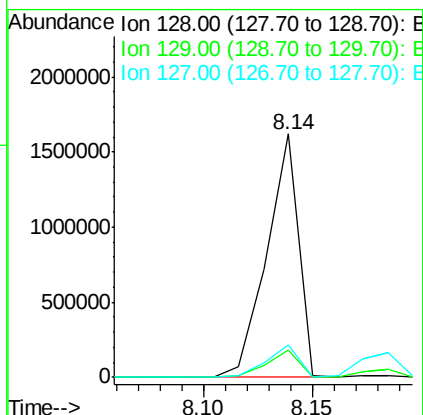
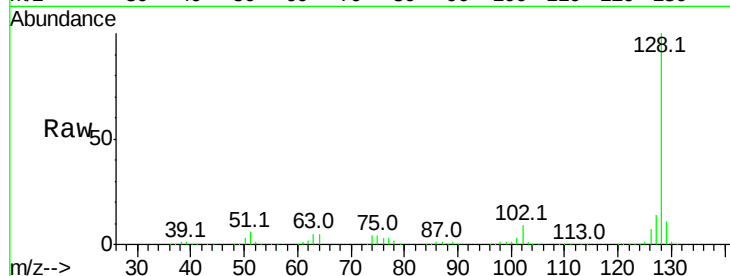




#31
Naphthalene
Concen: 41.24 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

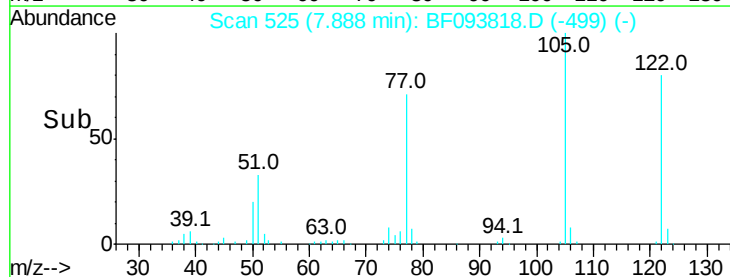
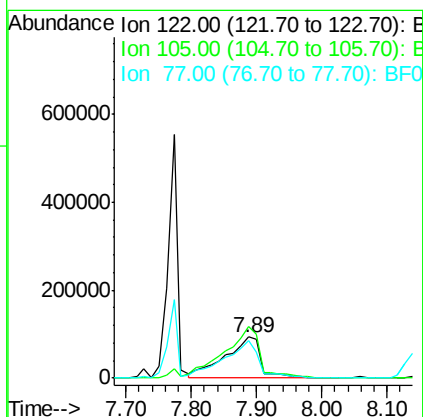
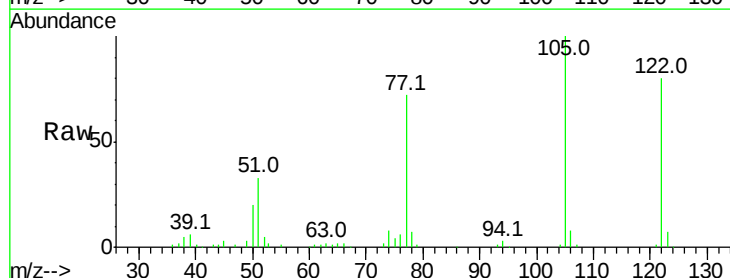
Instrument :
BNA_F
ClientSampleId :
PB97716BS

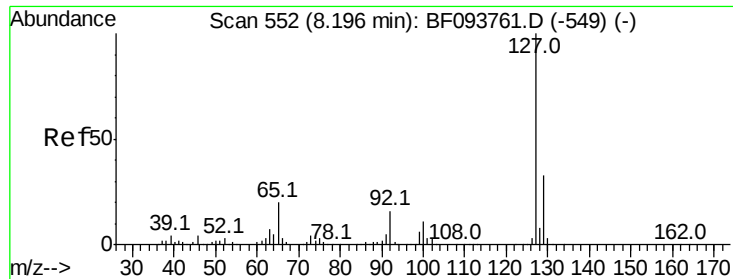
Tot Ion:128 Resp: 1662147
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 42.18 ng
RT: 7.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion:122 Resp: 356731
Ion Ratio Lower Upper
122 100
105 124.9 103.3 143.3
77 90.3 73.7 113.7

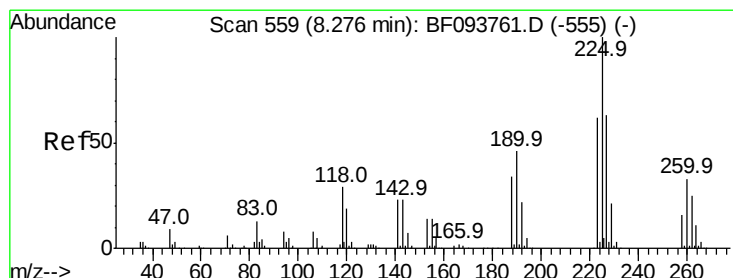
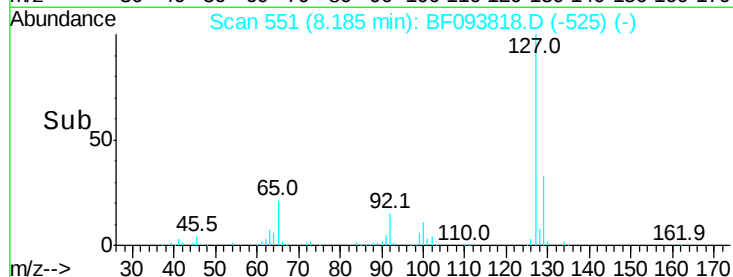
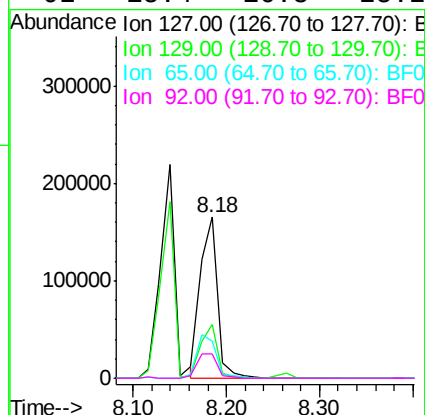
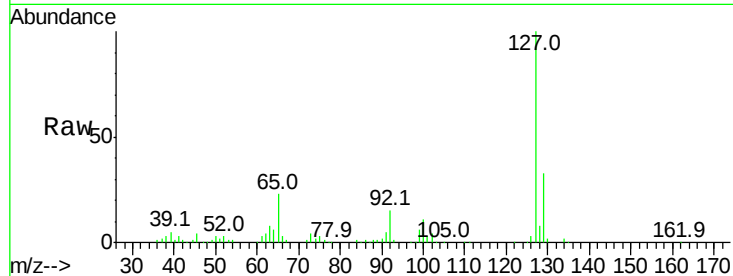




#33
4-Chloroaniline
Concen: 12.50 ng
RT: 8.18 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

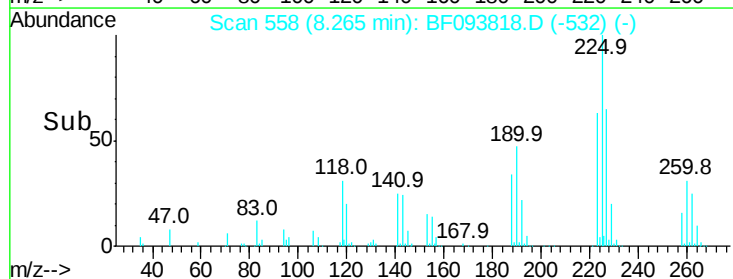
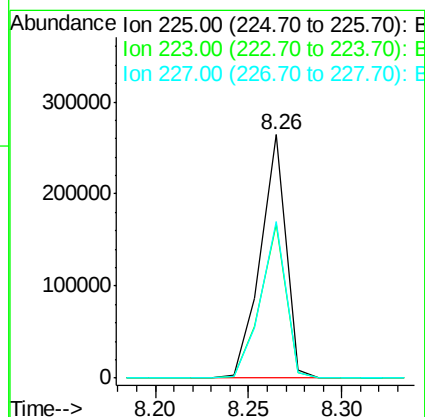
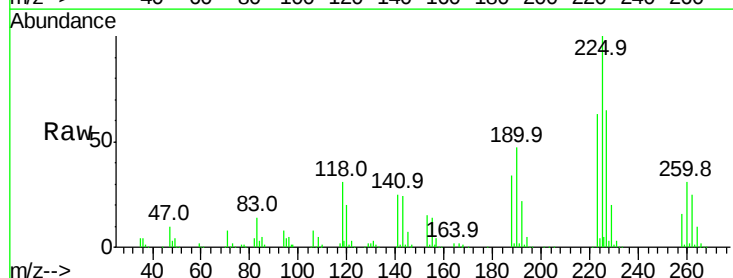
Instrument :
BNA_F
ClientSampleId :
PB97716BS

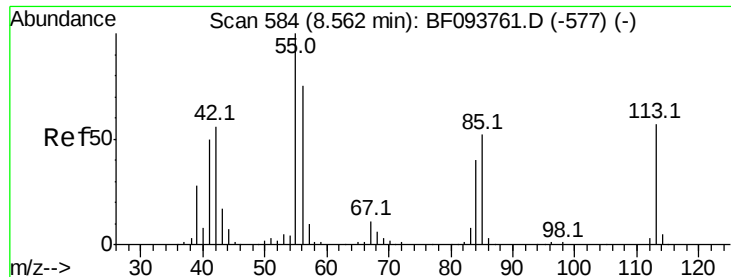
Tot Ion:	127	Resp:	216548
Ion Ratio	Lower	Upper	
127	100		
129	33.2	26.2	39.2
65	23.1	27.8	41.8#
92	15.4	16.8	25.2#



#34
Hexachlorobutadiene
Concen: 39.36 ng
RT: 8.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion:	225	Resp:	248841
Ion Ratio	Lower	Upper	
225	100		
223	63.3	48.8	73.2
227	64.5	51.1	76.7

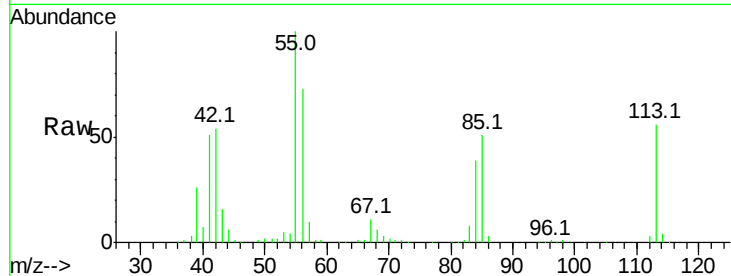




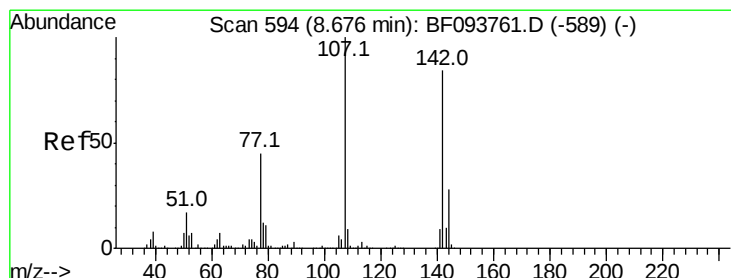
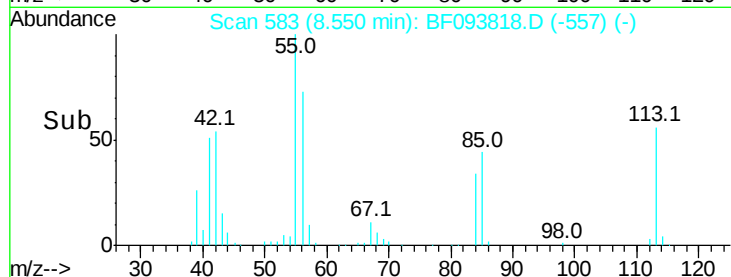
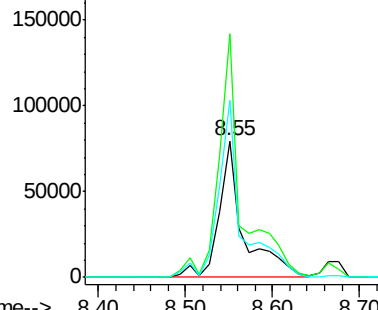
#35
 Caprolactam
 Concen: 43.49 ng
 RT: 8.55 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

Tot Ion:113 Resp: 158032
 Ion Ratio Lower Upper
 113 100
 55 178.2 150.2 190.2
 56 129.9 107.8 147.8

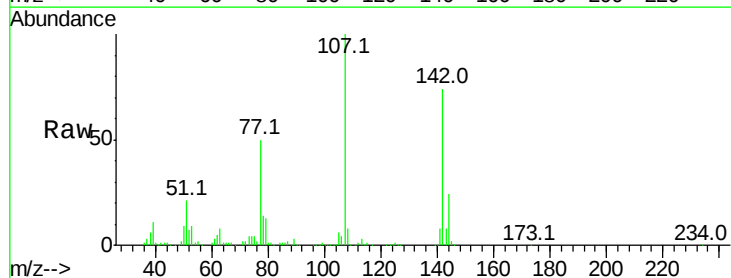


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

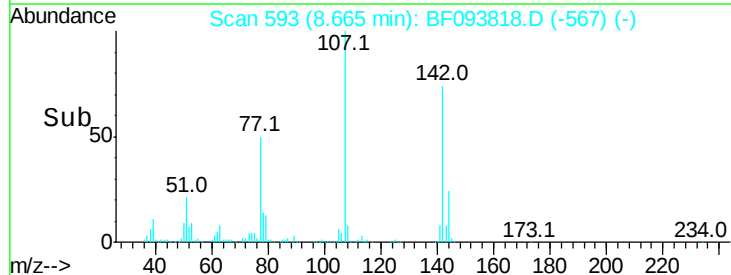
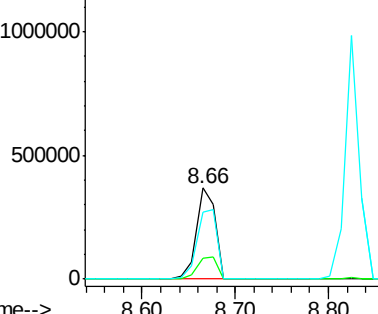


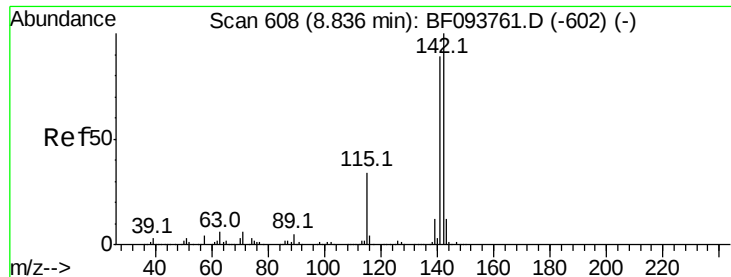
#36
 4-Chloro-3-methylphenol
 Concen: 43.27 ng
 RT: 8.66 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Tgt Ion:107 Resp: 519062
 Ion Ratio Lower Upper
 107 100
 144 23.5 24.2 36.4#
 142 74.0 73.4 110.0



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

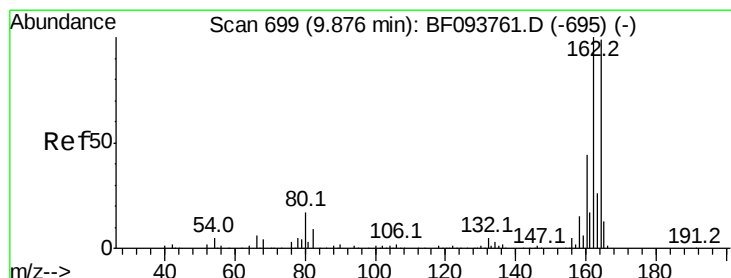
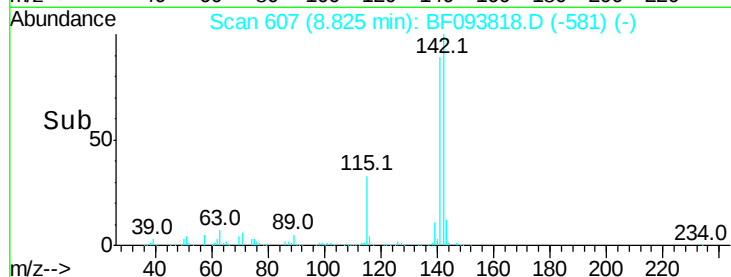
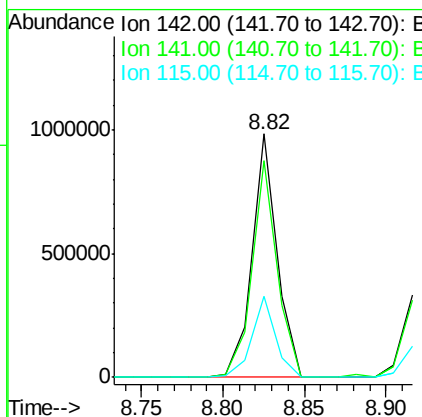
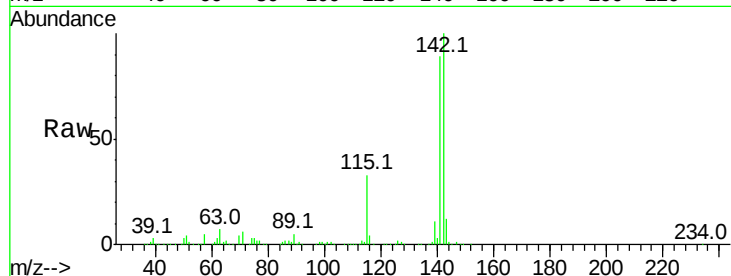




#37
2-Methylnaphthalene
Concen: 39.98 ng
RT: 8.82 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

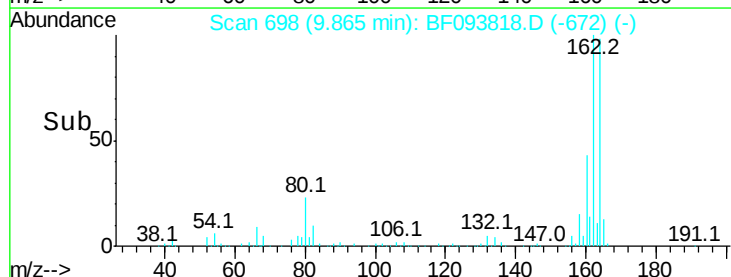
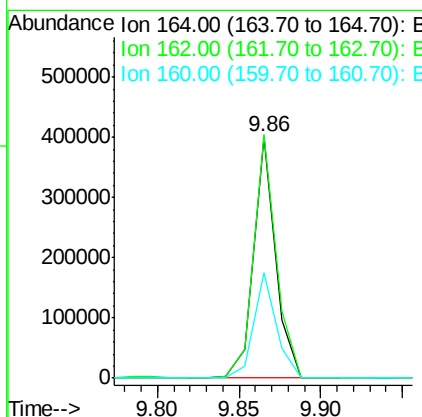
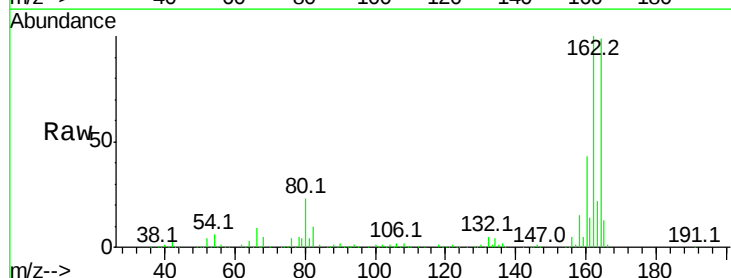
Instrument :
BNA_F
ClientSampleId :
PB97716BS

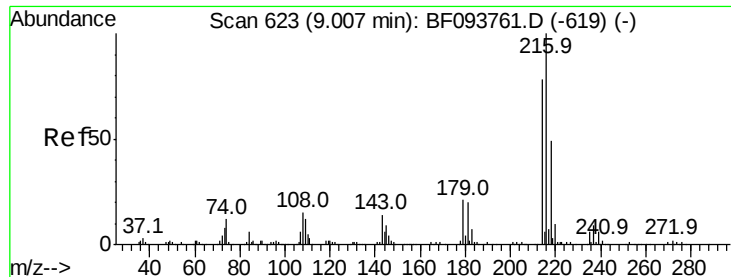
Tot Ion:142 Resp: 1051686
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 33.3 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion:164 Resp: 376733
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 43.8 36.2 54.2

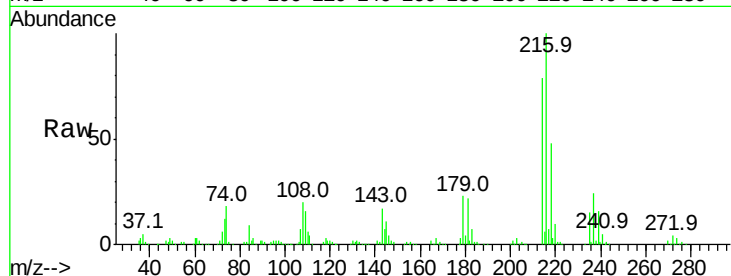




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.79 ng
 RT: 9.00 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

Tot Ion:	216	Resp:	406971
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	23.4	17.9	26.9
108	23.3	16.5	24.7

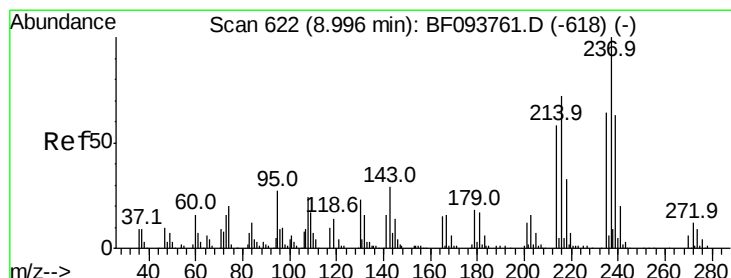
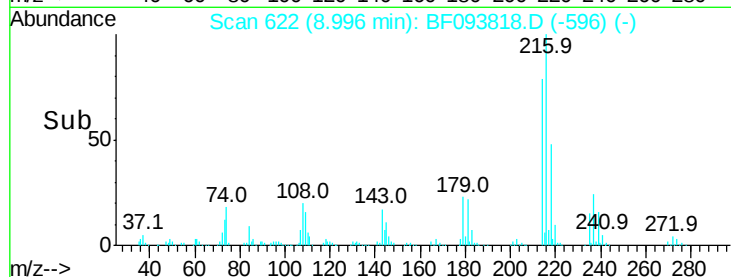
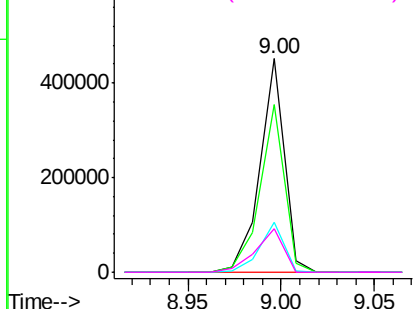


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

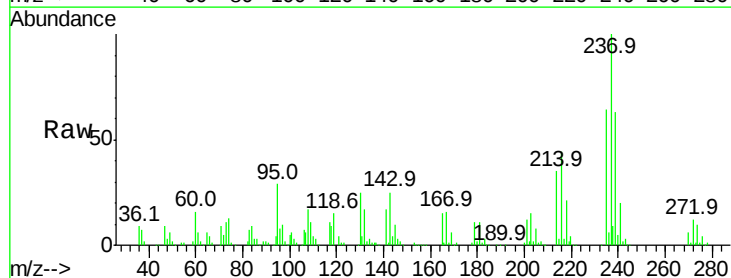
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 54.42 ng
 RT: 8.98 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

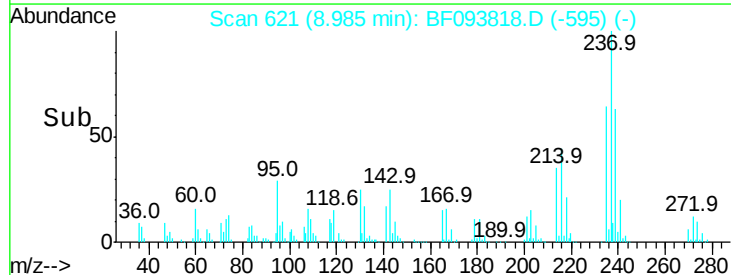
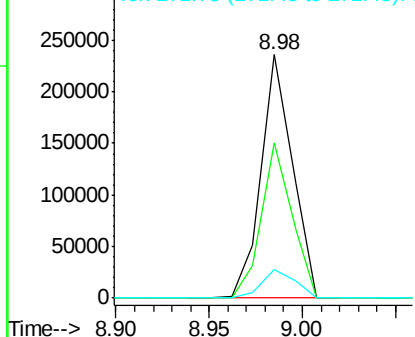
Tgt Ion:	237	Resp:	273940
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.6	82.6
272	11.7	0.0	31.9

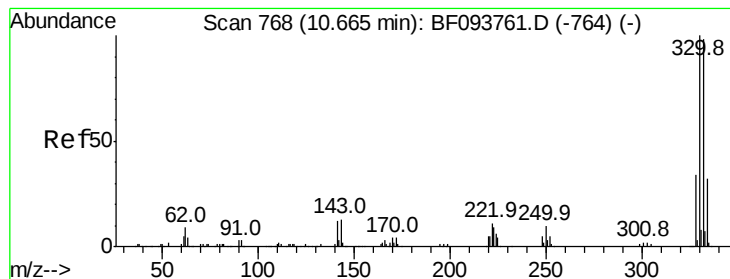


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 85.02 ng

RT: 10.65 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

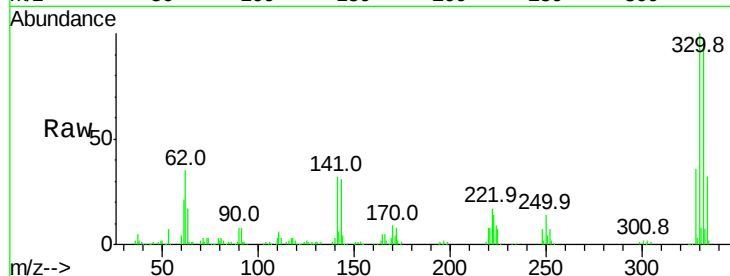
Tot Ion:330 Resp: 248084

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

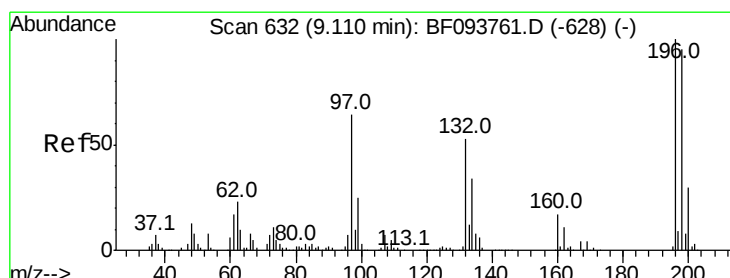
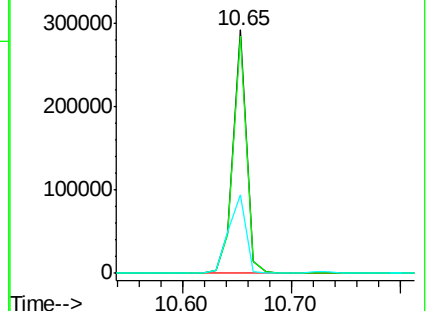
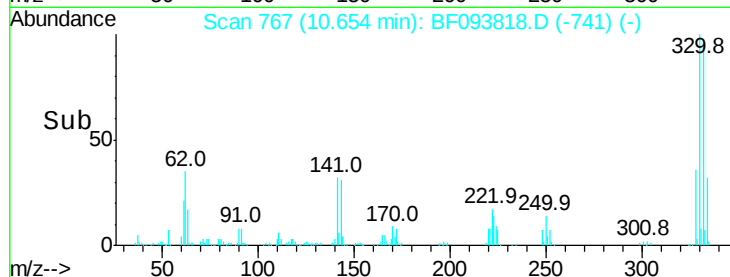
141 41.2 31.4 47.2



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: 47.33 ng

RT: 9.11 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

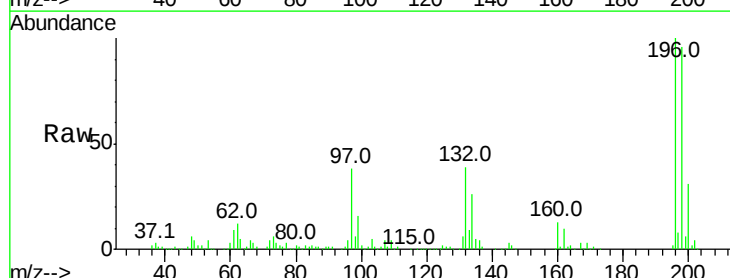
Tgt Ion:196 Resp: 342790

Ion Ratio Lower Upper

196 100

198 96.2 74.2 111.4

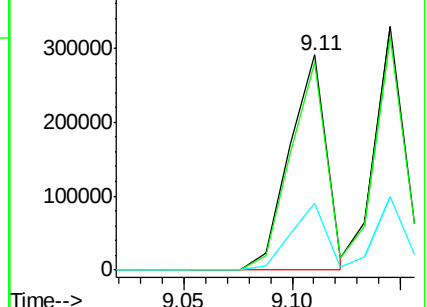
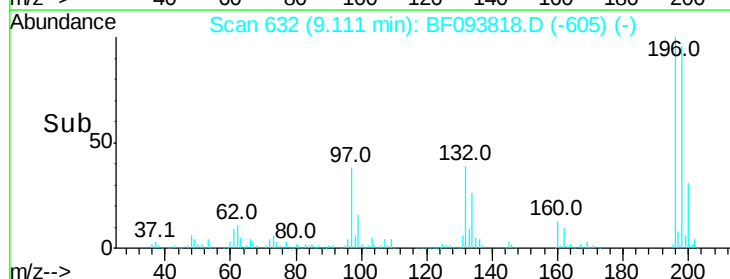
200 30.9 24.0 36.0

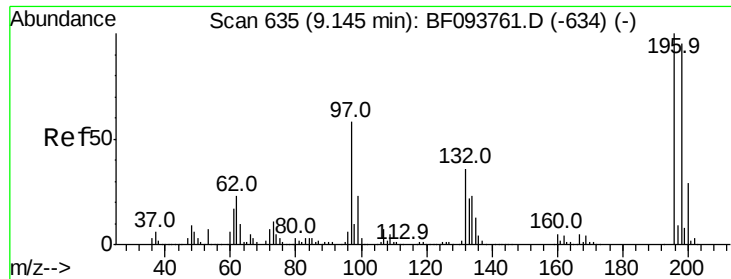


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

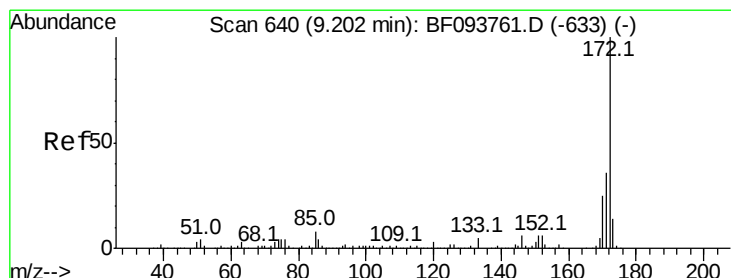
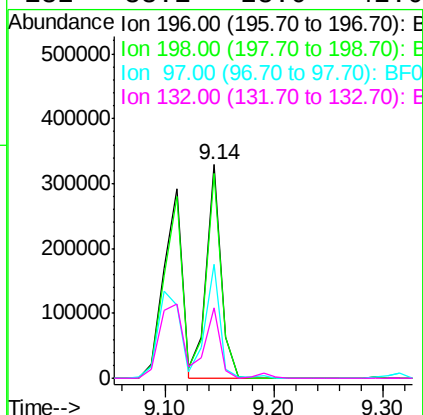
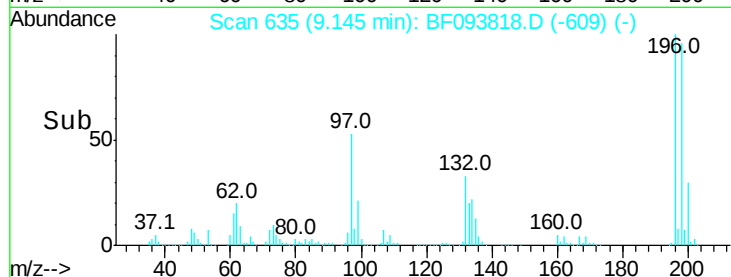
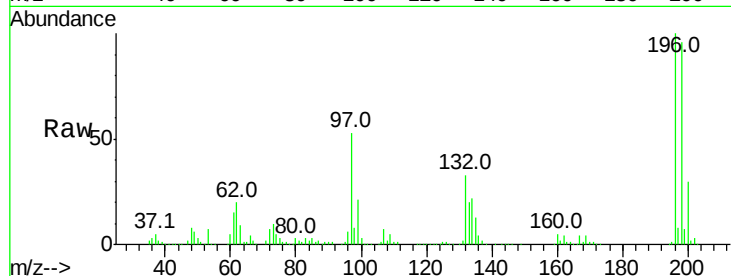




#43
 2,4,5-Trichlorophenol
 Concen: 42.14 ng
 RT: 9.14 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

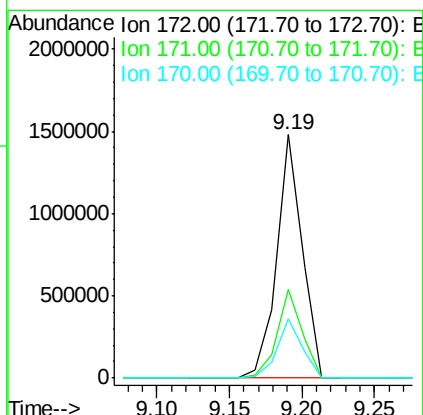
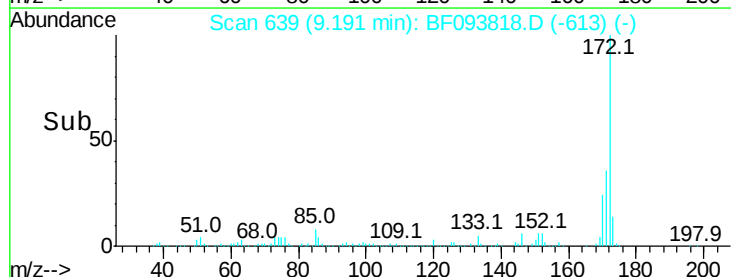
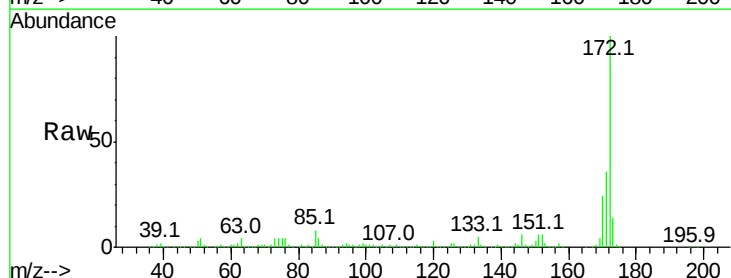
Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

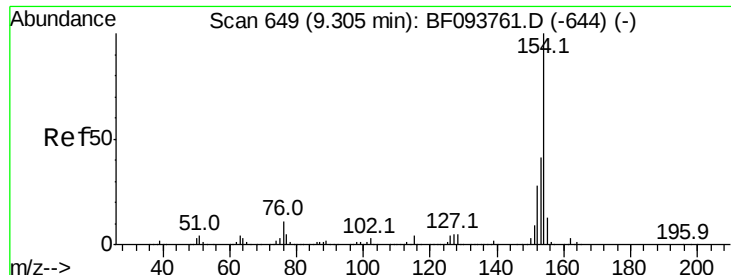
Tot Ion:	196	Resp:	316823
Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
97	53.3	47.7	71.5
132	33.1	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 80.18 ng
 RT: 9.19 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Tgt Ion:	172	Resp:	1796325
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.2	19.8	29.8

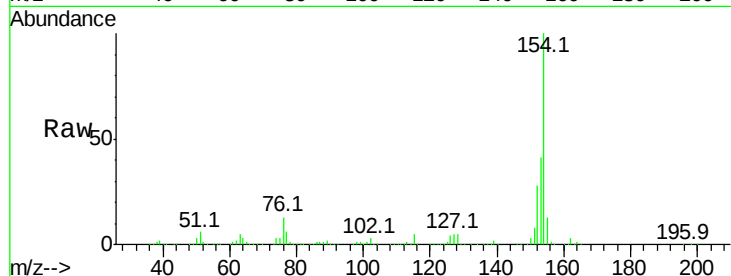




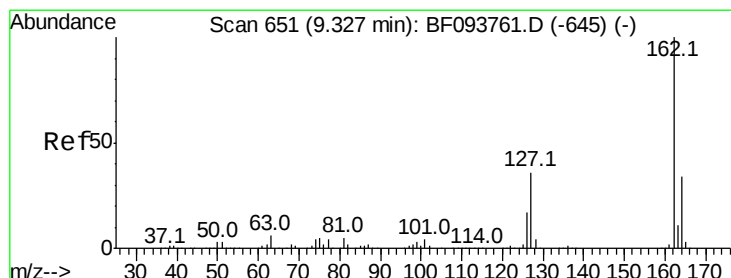
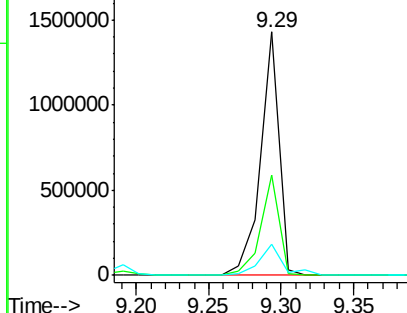
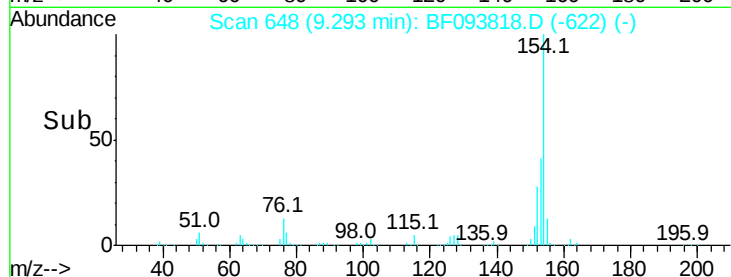
#45
1,1'-Biphenyl
Concen: 41.25 ng
RT: 9.29 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Instrument :
BNA_F
ClientSampleId :
PB97716BS

Tot Ion:154 Resp: 1262871
Ion Ratio Lower Upper
154 100
153 41.0 21.2 61.2
76 12.7 0.0 29.9

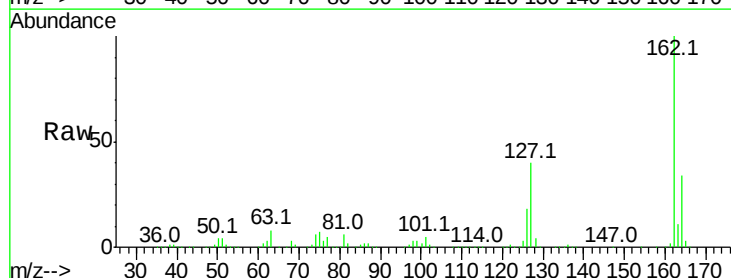


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

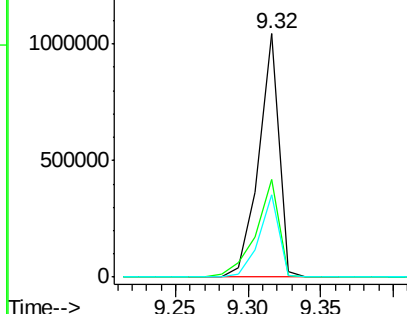
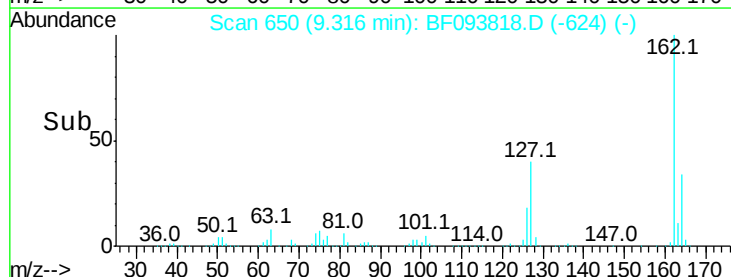


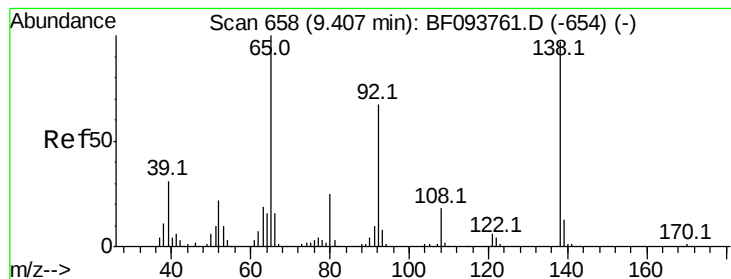
#46
2-Chloronaphthalene
Concen: 43.21 ng
RT: 9.32 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion:162 Resp: 1014370
Ion Ratio Lower Upper
162 100
127 40.1 28.3 42.5
164 33.6 27.0 40.4



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: 50.99 ng

RT: 9.41 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

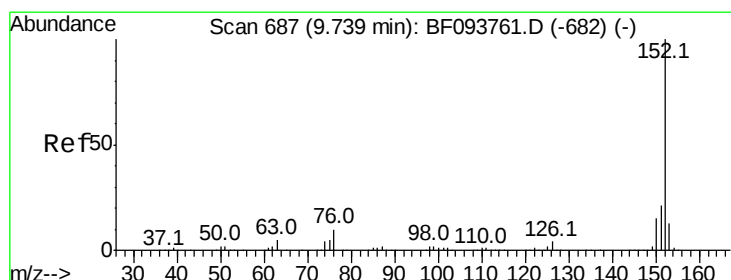
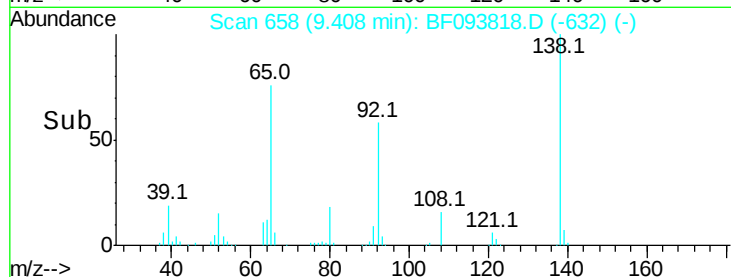
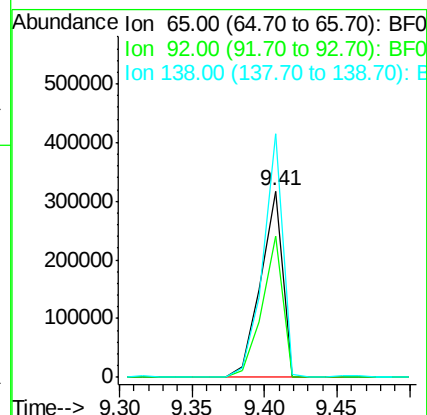
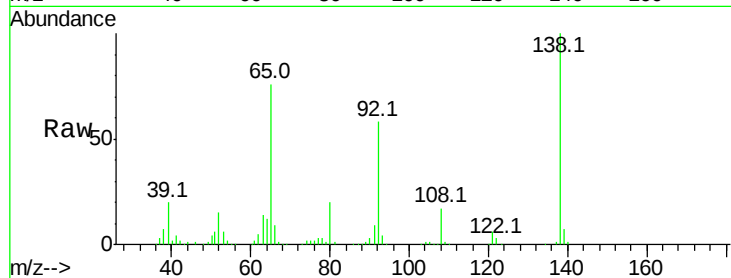
Tot Ion: 65 Resp: 334323

Ion Ratio Lower Upper

65 100

92 75.7 53.9 80.9

138 130.8 78.8 118.2#



#48

Acenaphthylene

Concen: 39.08 ng

RT: 9.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

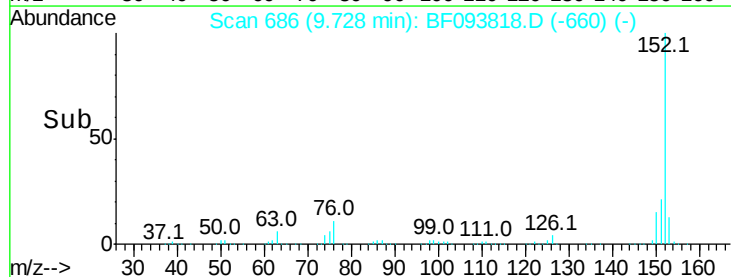
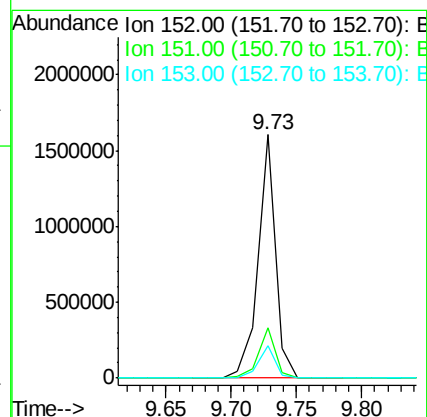
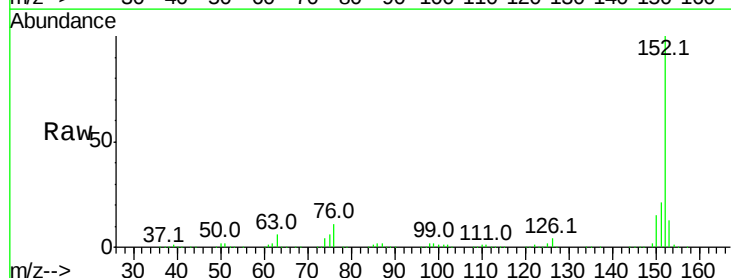
Tgt Ion: 152 Resp: 1493249

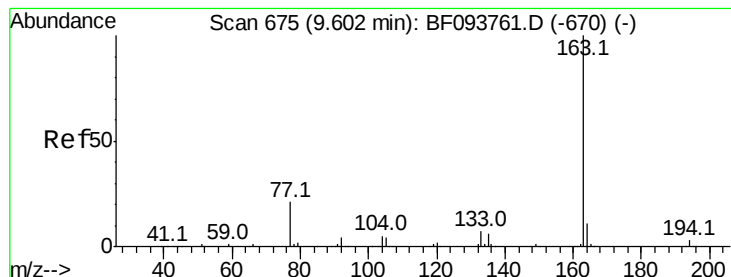
Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 42.76 ng

RT: 9.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

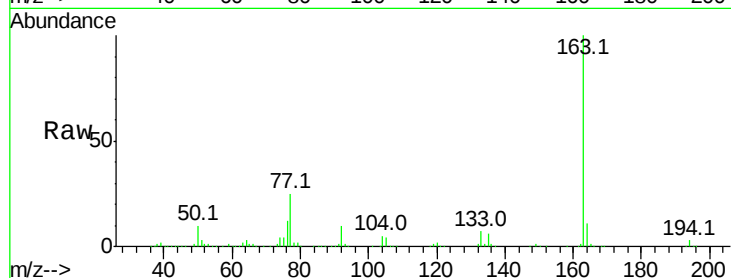
Tot Ion:163 Resp: 1146330

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

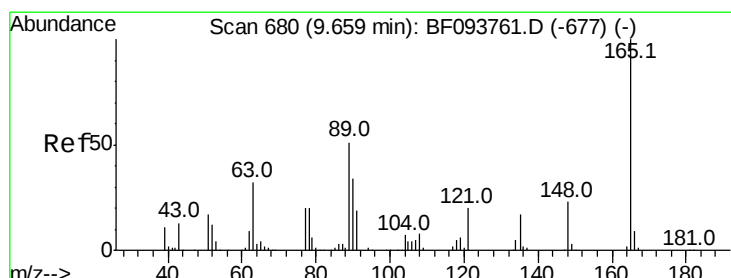
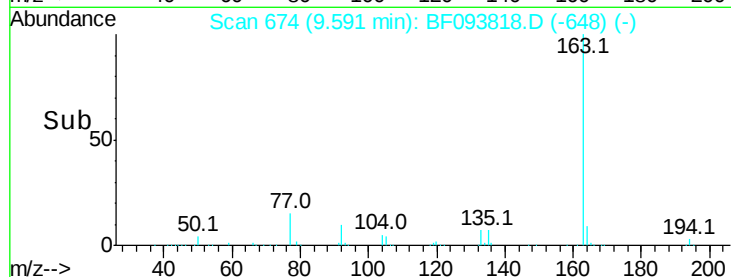
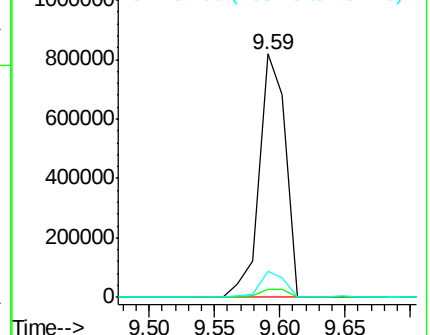
164 10.7 8.4 12.6



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: 40.50 ng

RT: 9.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

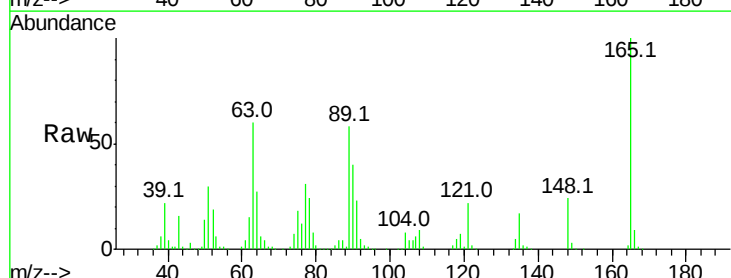
Tgt Ion:165 Resp: 238396

Ion Ratio Lower Upper

165 100

63 60.1 34.3 51.5#

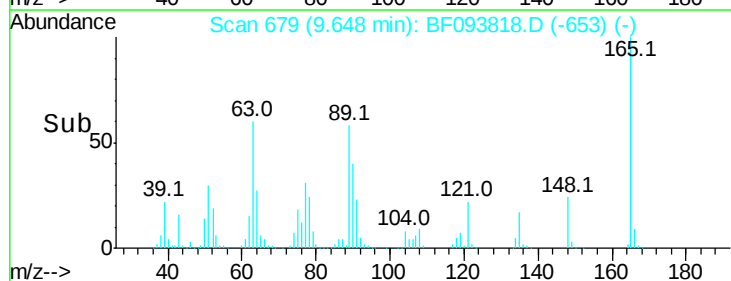
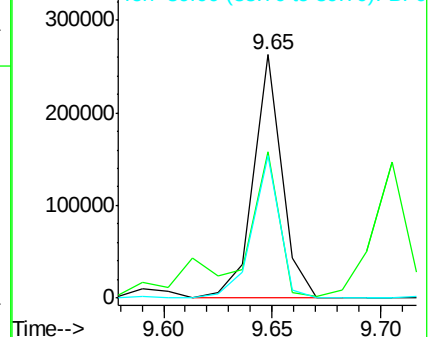
89 58.4 37.1 55.7#

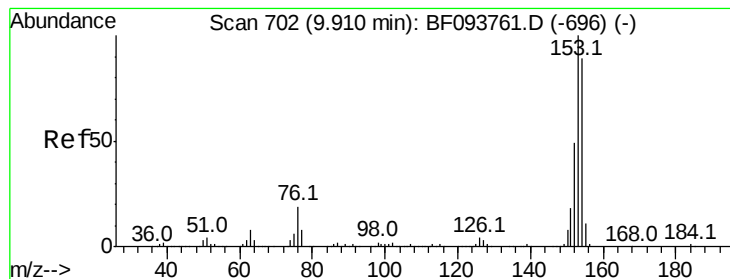


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.60 ng

RT: 9.90 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

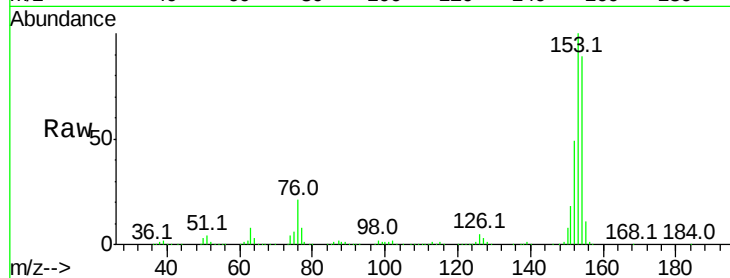
Tot Ion:154 Resp: 926365

Ion Ratio Lower Upper

154 100

153 112.5 90.5 135.7

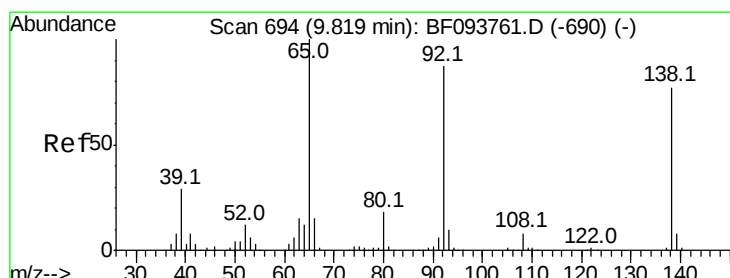
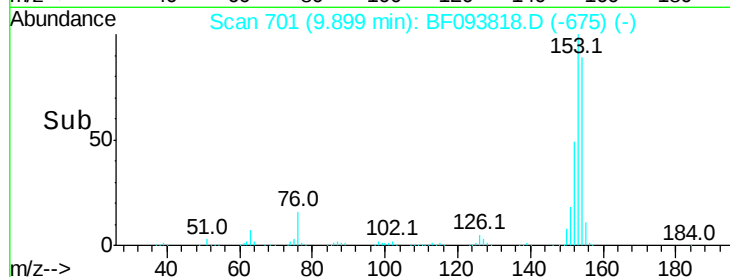
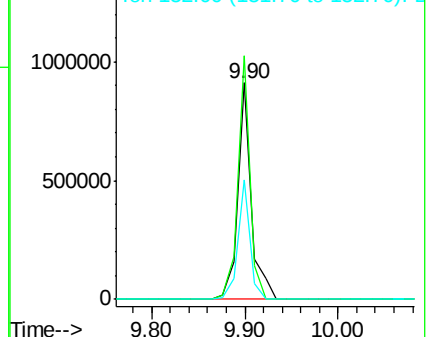
152 55.0 43.6 65.4



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: 23.80 ng

RT: 9.81 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

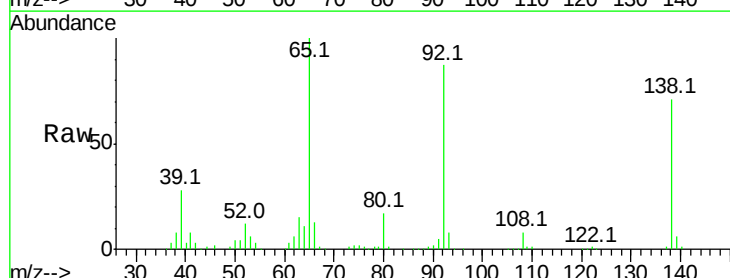
Tgt Ion:138 Resp: 168155

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

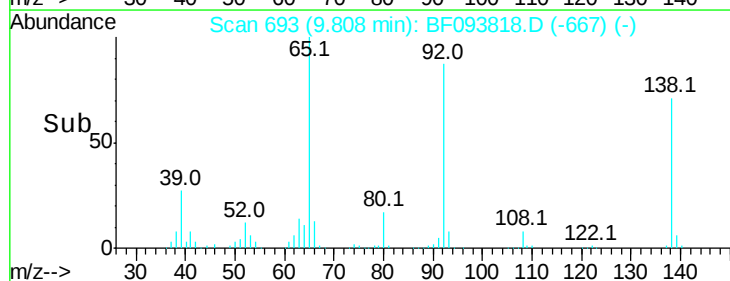
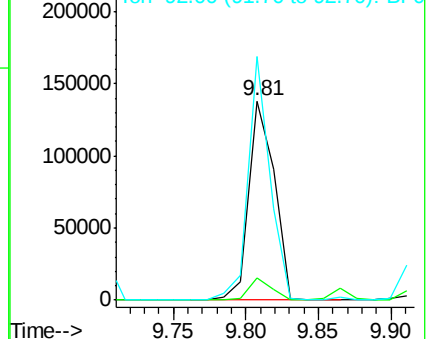
92 122.3 93.8 140.6

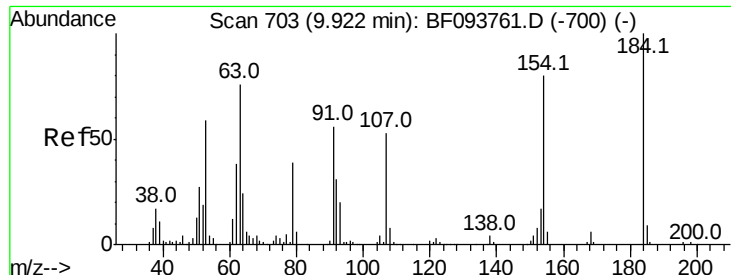


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

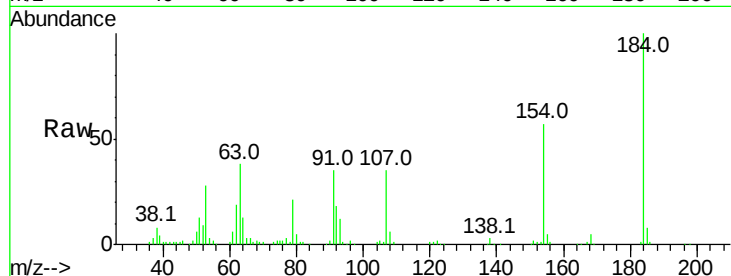




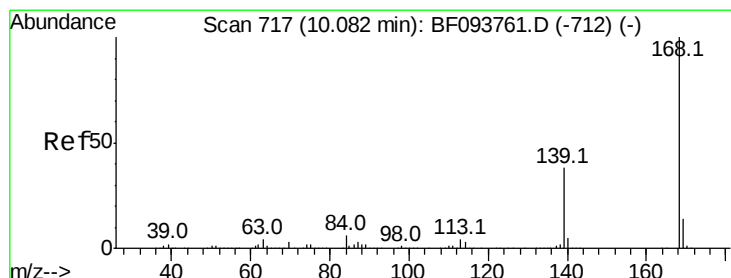
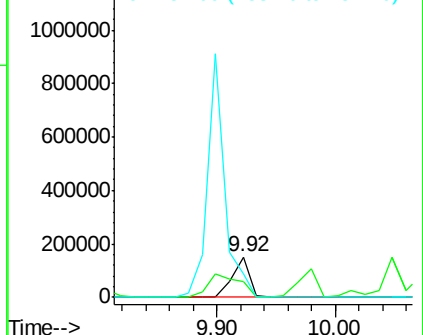
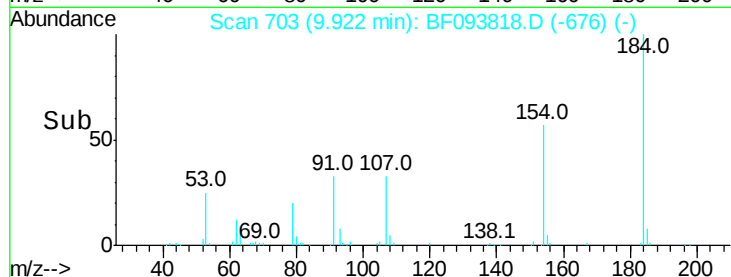
#53
 2,4-Dinitrophenol
 Concen: 65.40 ng
 RT: 9.92 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

Tot Ion:184 Resp: 151108
 Ion Ratio Lower Upper
 184 100
 63 38.0 62.7 94.1#
 154 57.4 81.1 121.7#

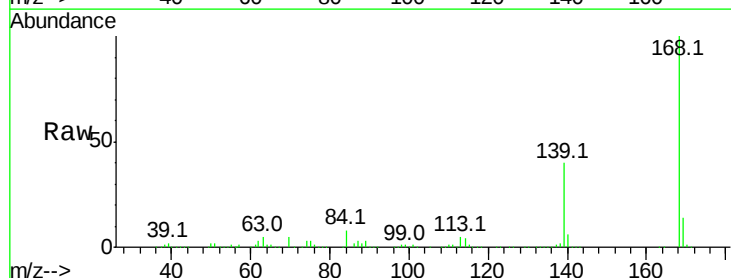


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

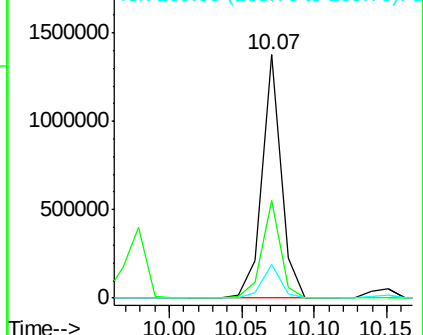
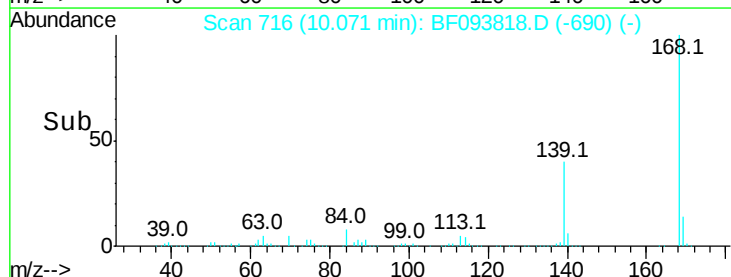


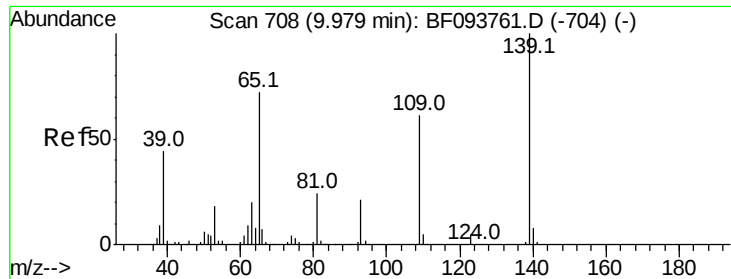
#54
 Dibenzofuran
 Concen: 41.01 ng
 RT: 10.07 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Tgt Ion:168 Resp: 1259457
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.6 45.8
 169 14.0 10.8 16.2



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

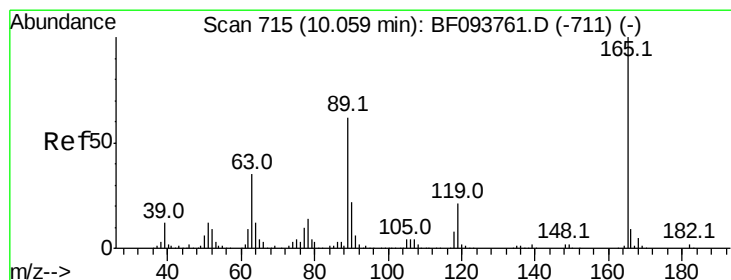
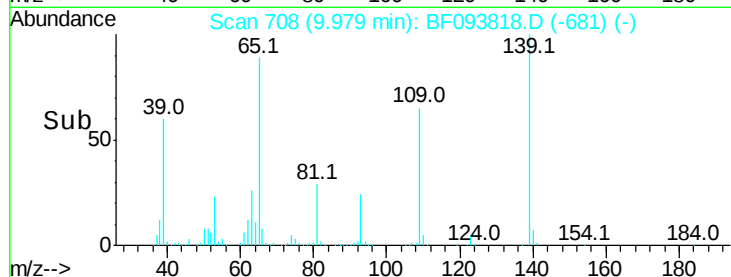
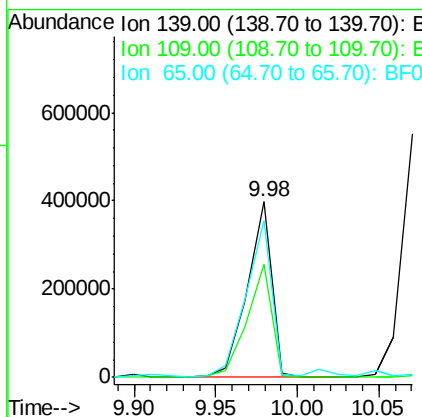
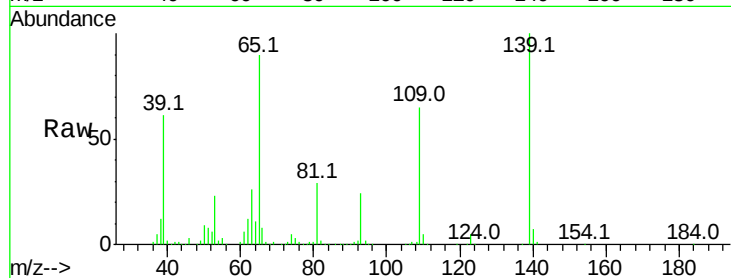




#55
4-Nitrophenol
Concen: 78.92 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

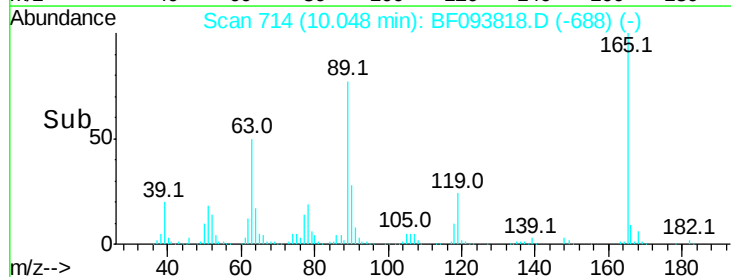
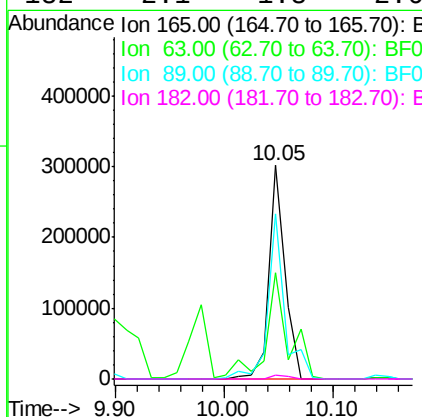
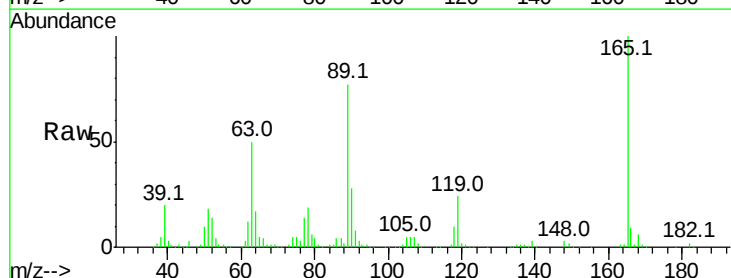
Instrument :
BNA_F
ClientSampleId :
PB97716BS

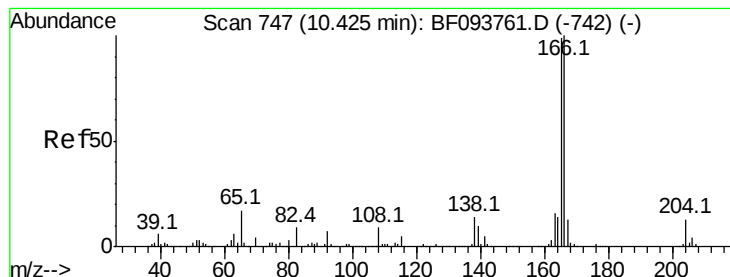
Tot Ion:139 Resp: 418830
Ion Ratio Lower Upper
139 100
109 64.9 34.1 74.1
65 89.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.32 ng
RT: 10.05 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion:165 Resp: 308736
Ion Ratio Lower Upper
165 100
63 49.6 25.4 38.0#
89 77.1 46.4 69.6#
182 2.1 1.8 2.6





#57

Fluorene

Concen: 38.95 ng

RT: 10.41 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

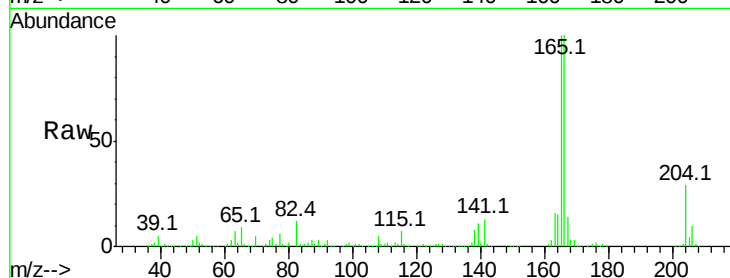
Tot Ion:166 Resp: 915924

Ion Ratio Lower Upper

166 100

165 99.9 78.8 118.2

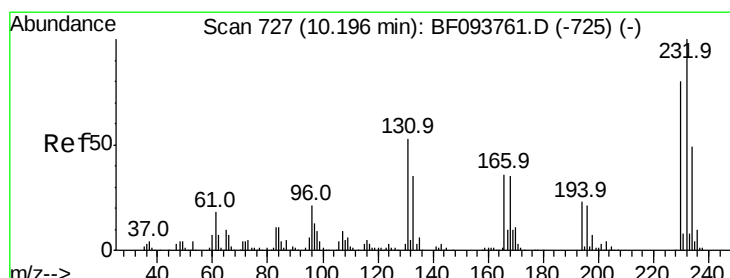
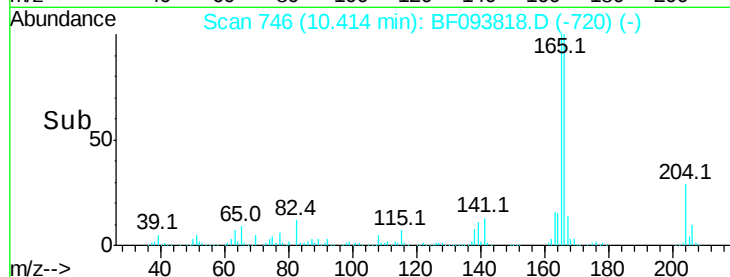
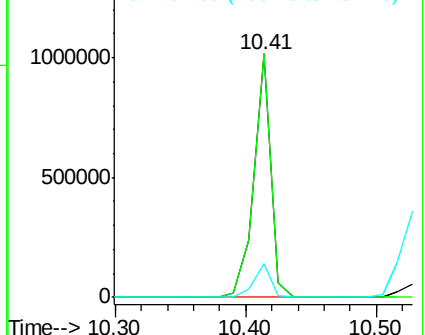
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.25 ng

RT: 10.18 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Tgt Ion:232 Resp: 223410

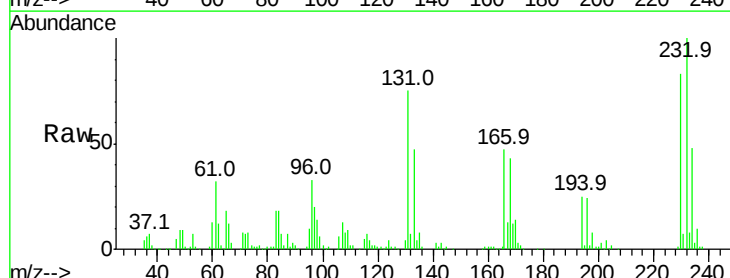
Ion Ratio Lower Upper

232 100

131 54.8 44.8 67.2

130 2.5 2.3 3.5

166 36.7 29.0 43.4

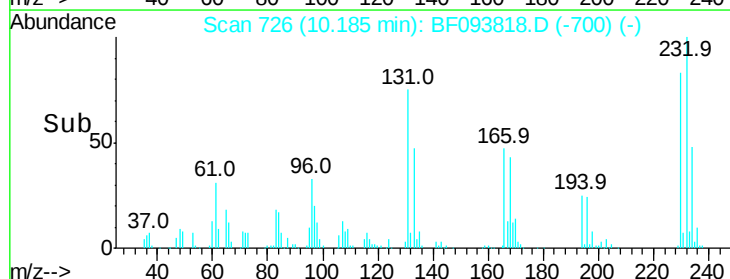
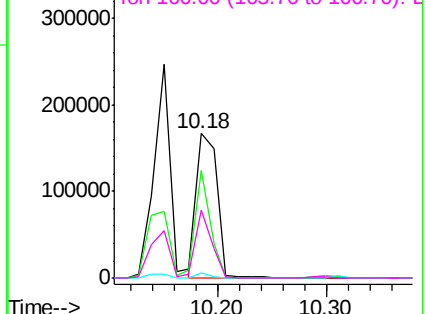


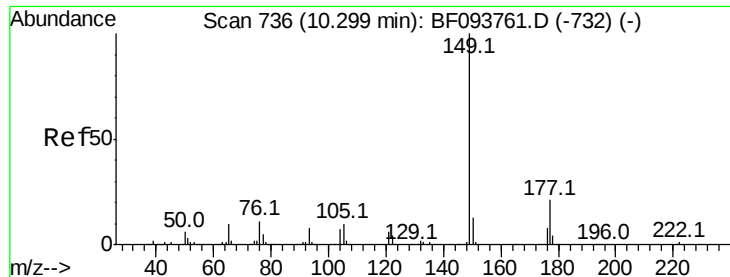
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

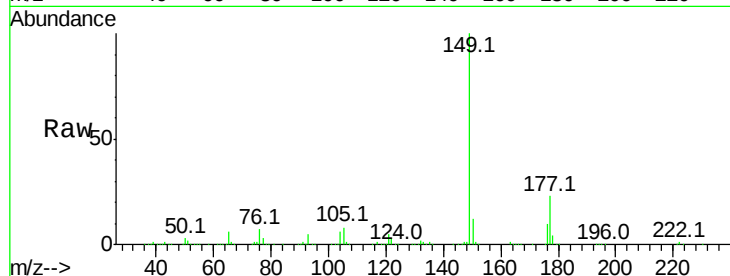




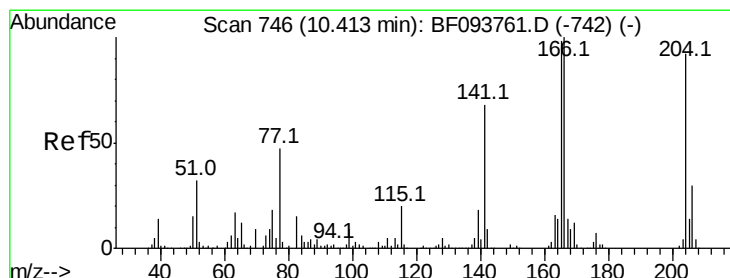
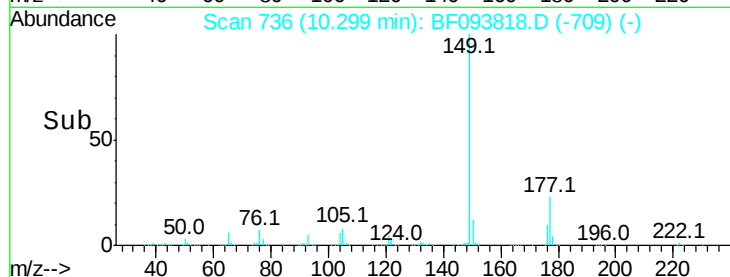
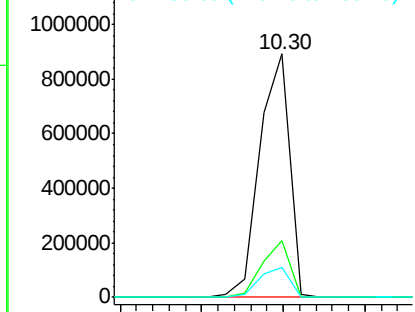
#59
Diethylphthalate
Concen: 43.53 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Instrument :
BNA_F
ClientSampleId :
PB97716BS

Tot Ion:149 Resp: 1137403
Ion Ratio Lower Upper
149 100
177 23.4 16.7 25.1
150 12.1 10.2 15.2

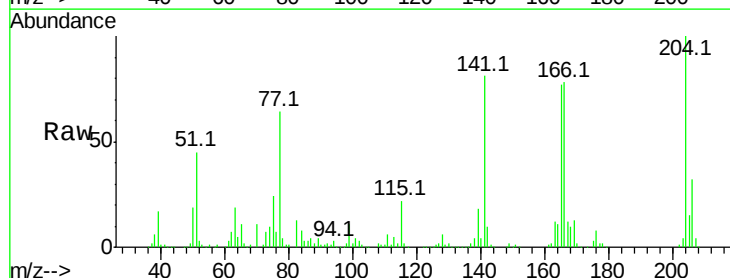


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

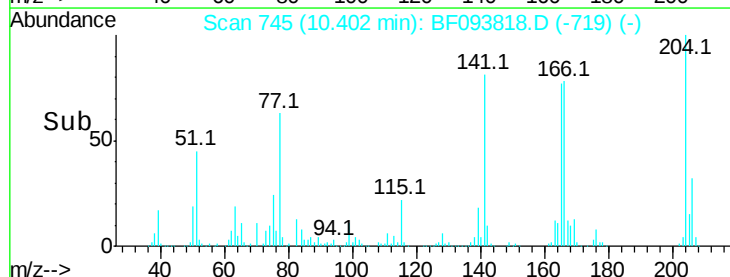
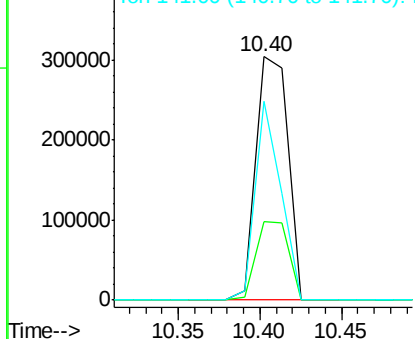


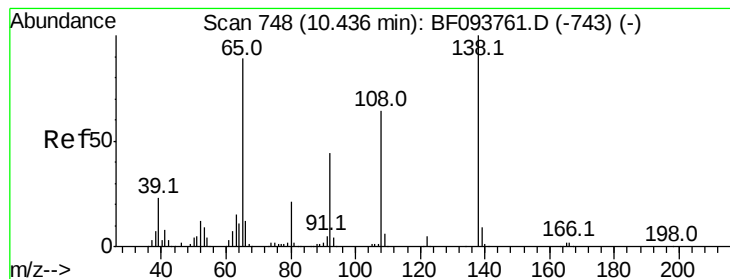
#60
4-Chlorophenyl-phenylether
Concen: 42.15 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion:204 Resp: 417813
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 81.5 60.8 91.2



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: 38.09 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

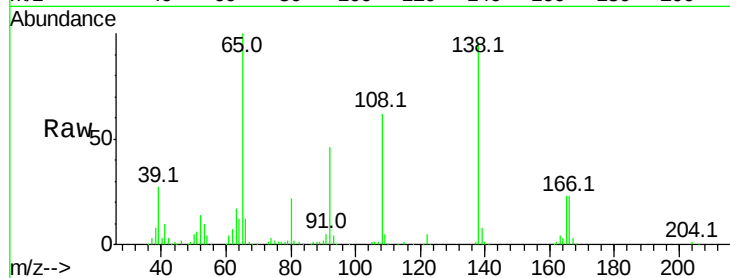
Tot Ion:138 Resp: 240765

Ion Ratio Lower Upper

138 100

92 47.5 21.8 61.8

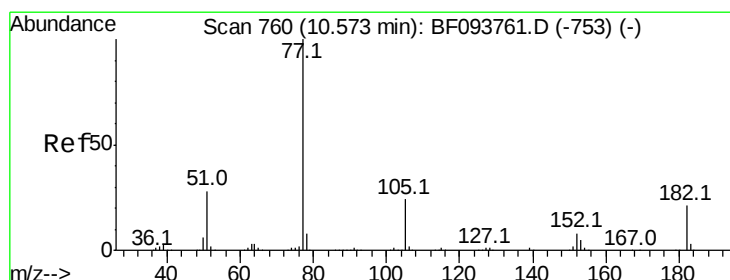
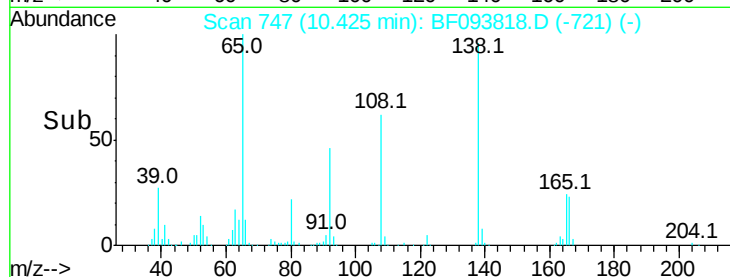
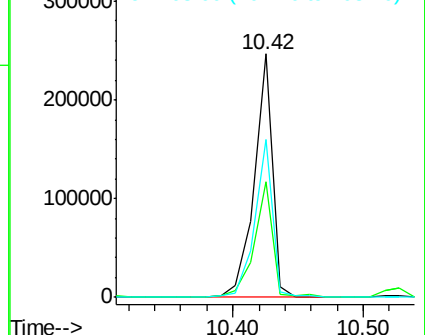
108 64.9 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.67 ng

RT: 10.56 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Tgt Ion: 77 Resp: 1128574

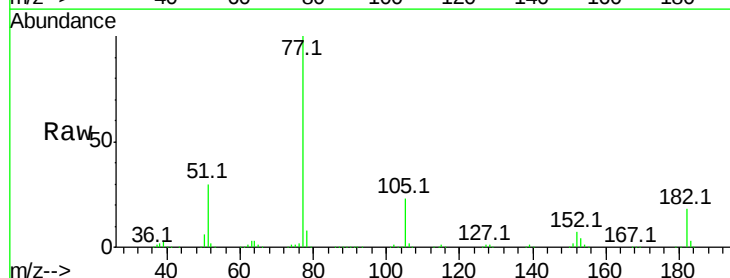
Ion Ratio Lower Upper

77 100

182 18.4 0.1 40.1

105 22.6 3.6 43.6

51 29.7 9.4 49.4

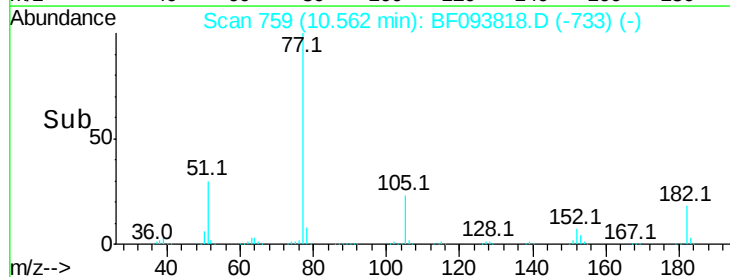
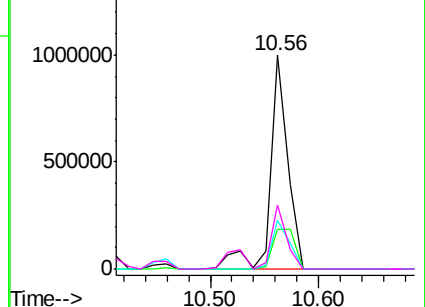


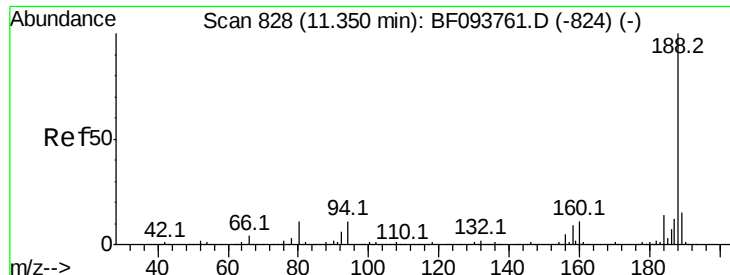
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

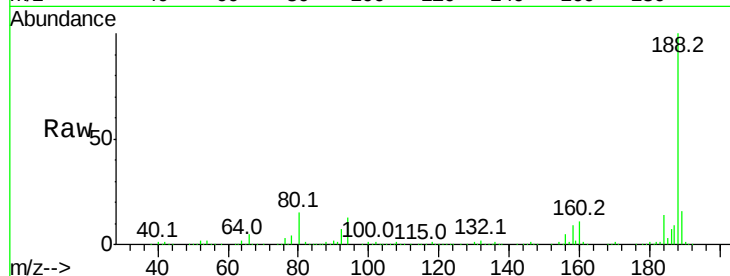




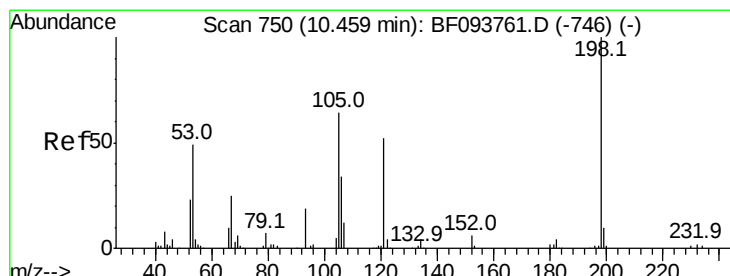
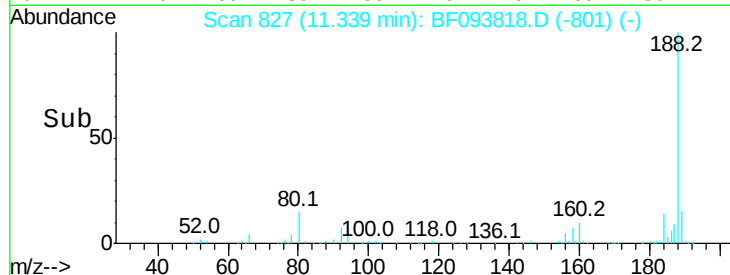
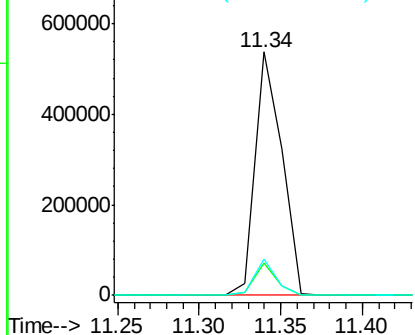
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

Tot Ion:188 Resp: 612773
 Ion Ratio Lower Upper
 188 100
 94 13.3 9.4 14.2
 80 14.9 10.2 15.2

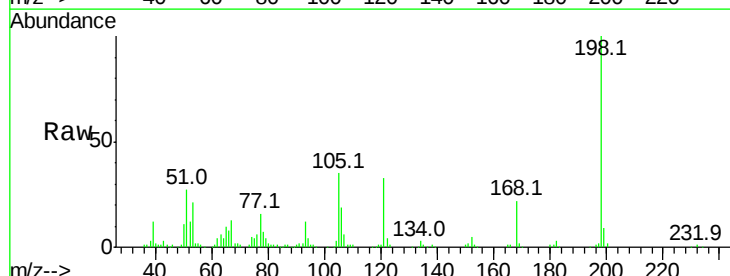


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

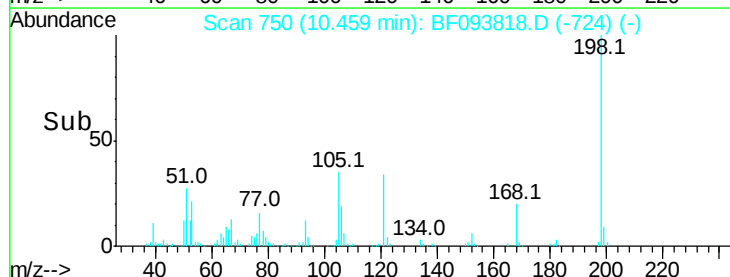
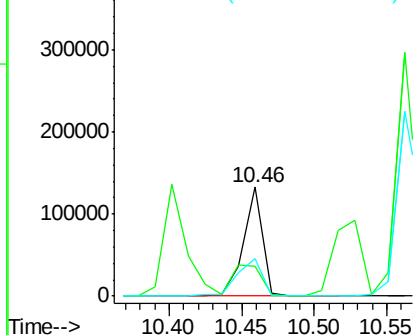


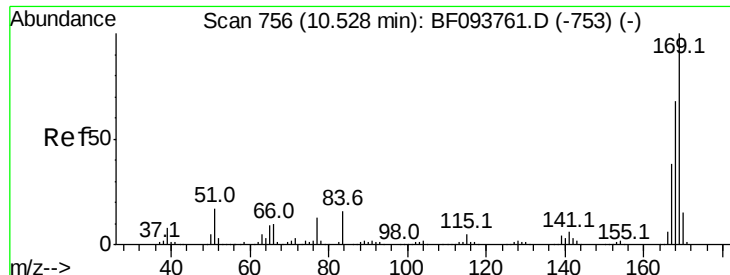
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.03 ng
 RT: 10.46 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Tgt Ion:198 Resp: 120821
 Ion Ratio Lower Upper
 198 100
 51 27.2 53.2 93.2#
 105 35.0 45.8 85.8#



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

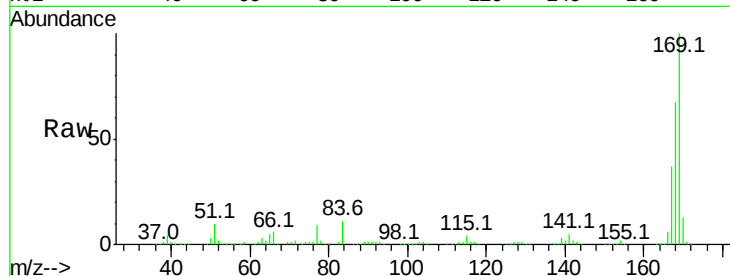




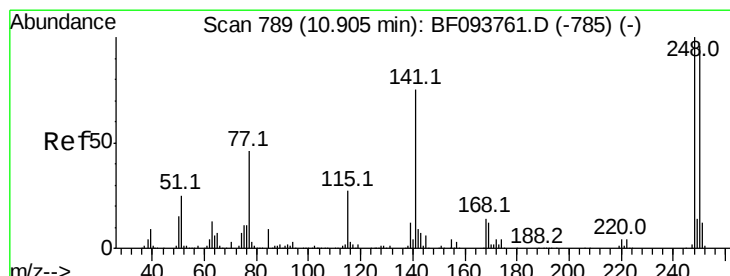
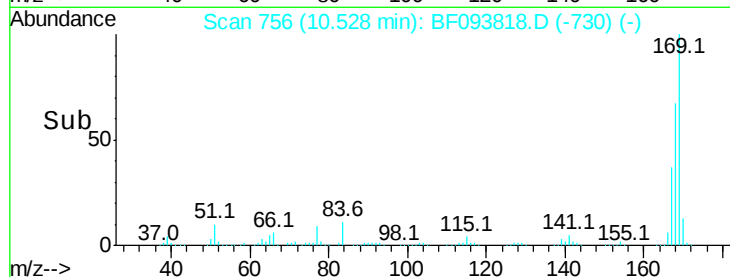
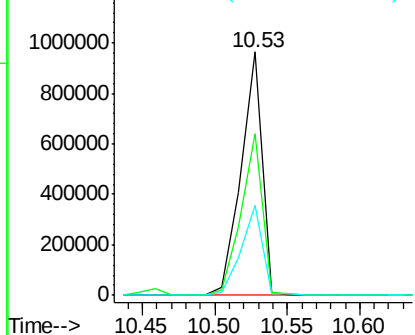
#65
 n-Nitrosodiphenylamine
 Concen: 47.73 ng
 RT: 10.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

Tot Ion:169 Resp: 974941
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.2 79.8
 167 37.1 29.5 44.3

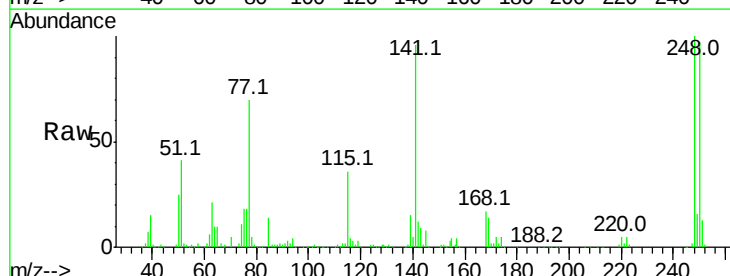


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

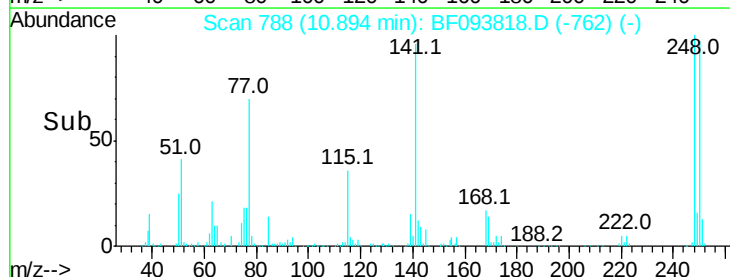
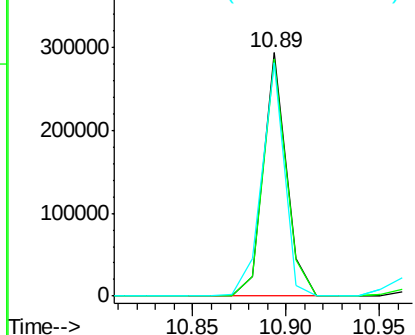


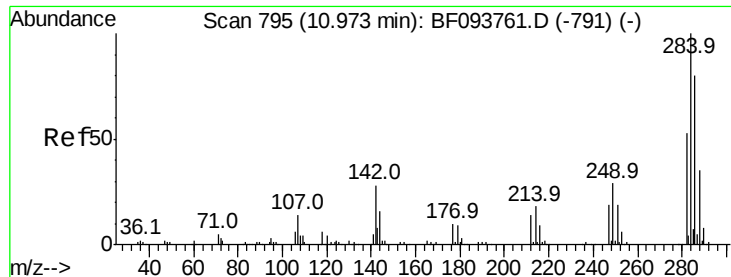
#66
 4-Bromophenyl-phenylether
 Concen: 42.44 ng
 RT: 10.89 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Tgt Ion:248 Resp: 250321
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.8 115.2
 141 96.0 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

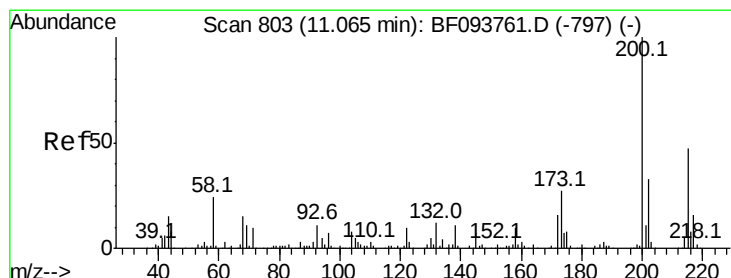
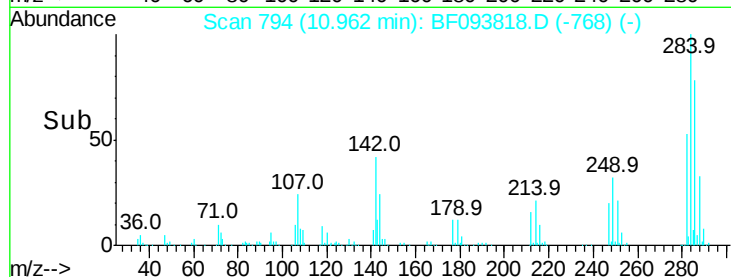
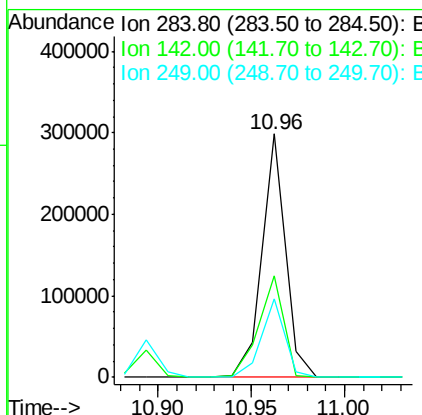
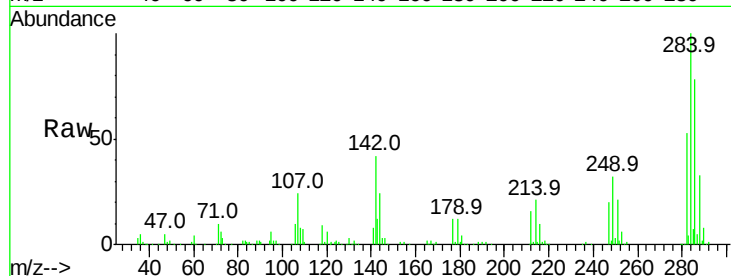




#67
Hexachlorobenzene
Concen: 42.26 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

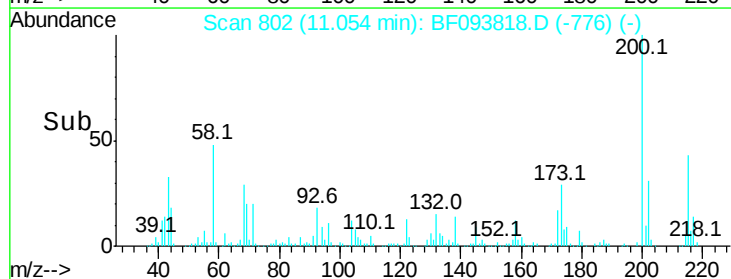
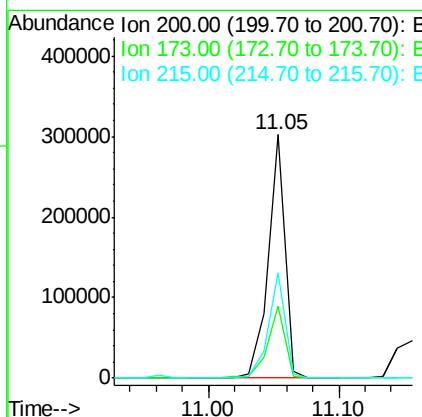
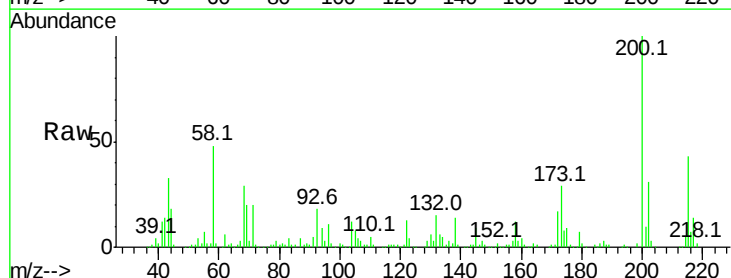
Instrument :
BNA_F
ClientSampleId :
PB97716BS

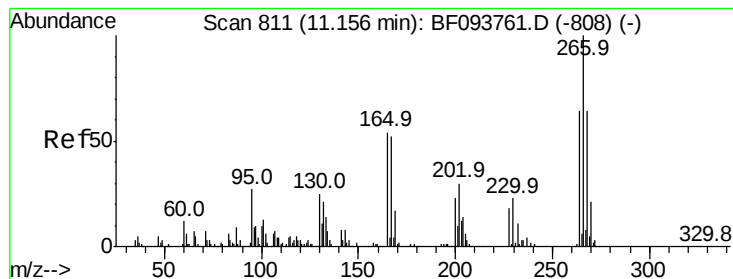
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.9	22.8	34.2#
249	32.2	24.0	36.0



#68
Atrazine
Concen: 43.41 ng
RT: 11.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	6.3	46.3
215	43.5	27.2	67.2





#69

Pentachlorophenol

Concen: 80.72 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

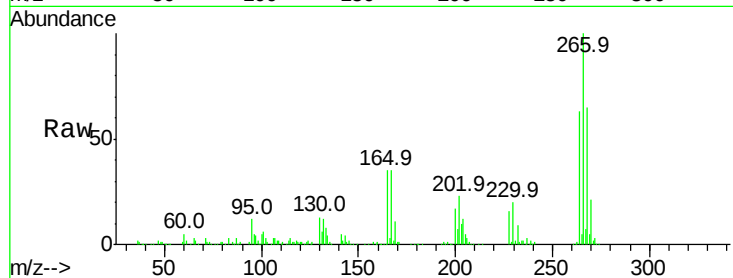
Tot Ion:266 Resp: 287109

Ion Ratio Lower Upper

266 100

268 64.6 51.1 76.7

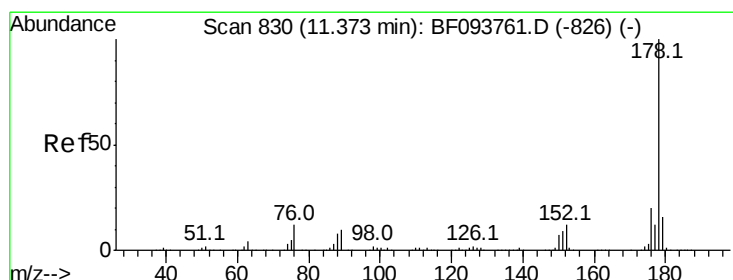
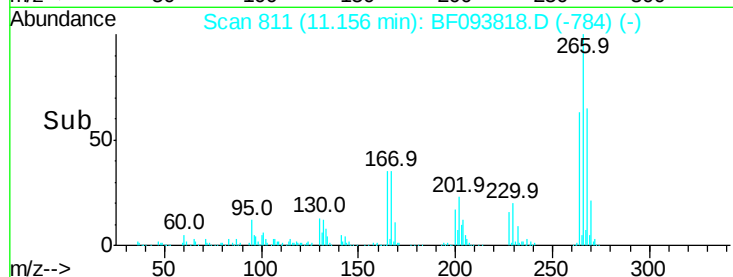
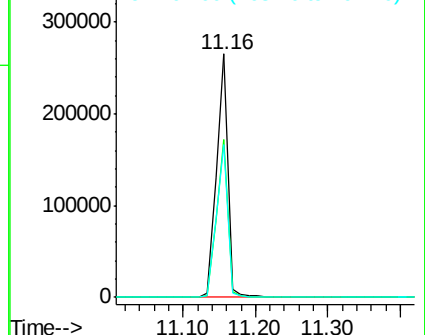
264 62.9 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.38 ng

RT: 11.37 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

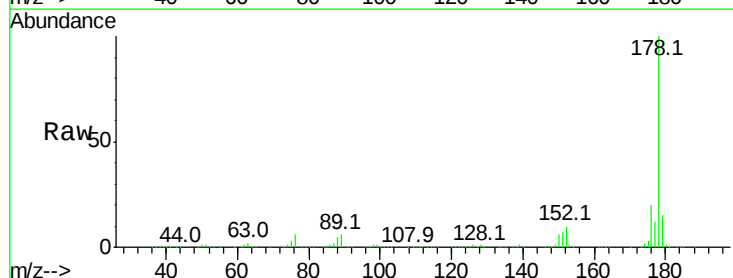
Tgt Ion:178 Resp: 1415783

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

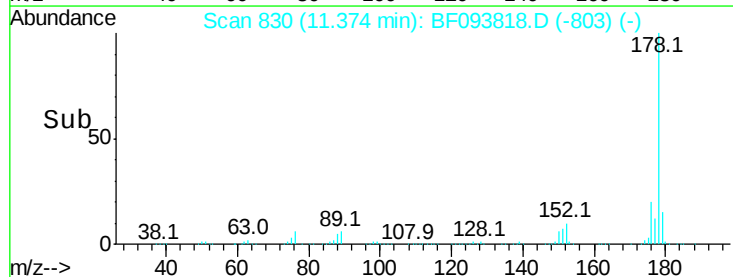
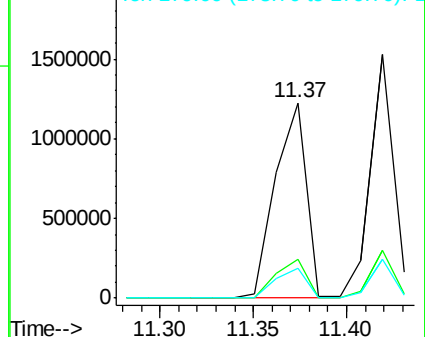
179 15.5 12.6 19.0

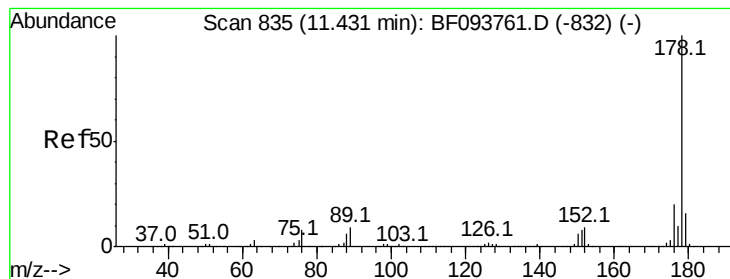


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.55 ng

RT: 11.42 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

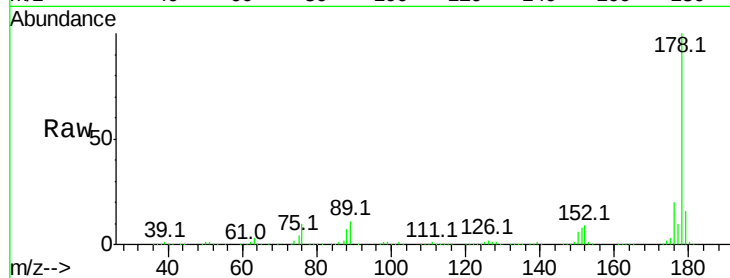
Tot Ion:178 Resp: 1328700

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

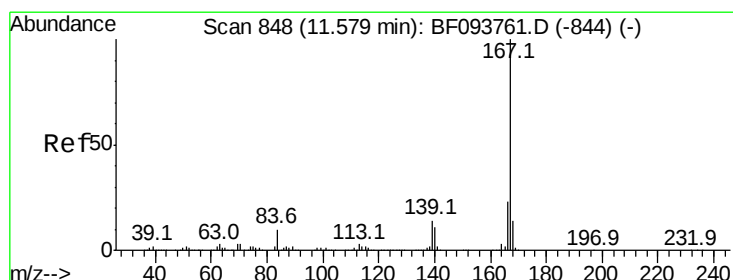
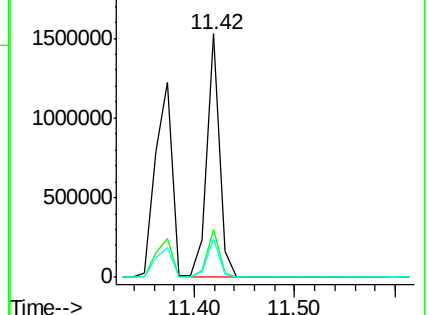
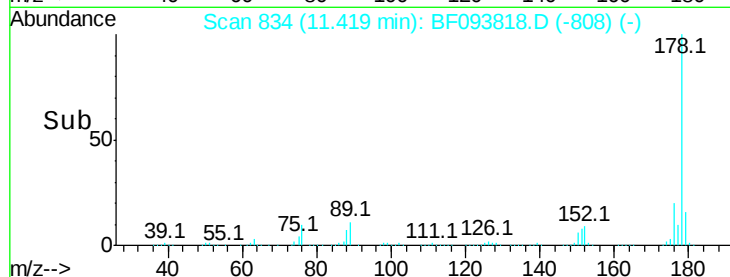
179 15.9 12.7 19.1



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: 36.08 ng

RT: 11.57 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

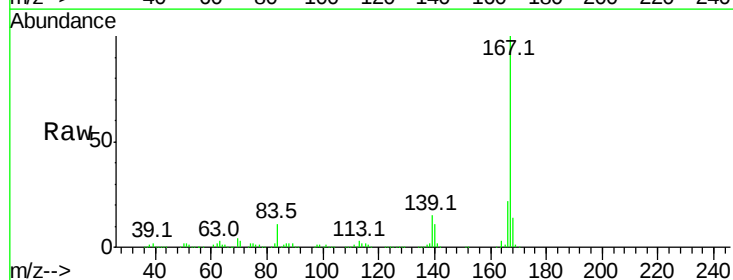
Tgt Ion:167 Resp: 1200035

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

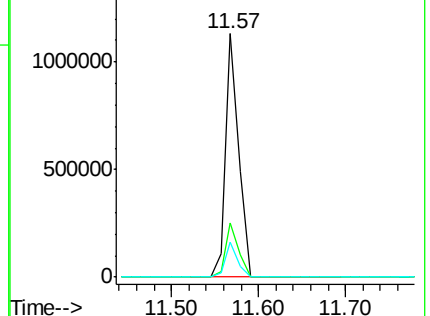
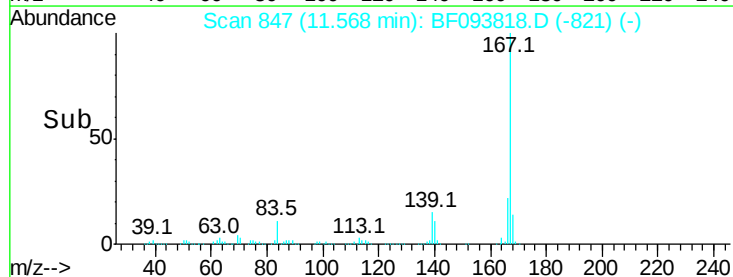
139 14.6 11.7 17.5

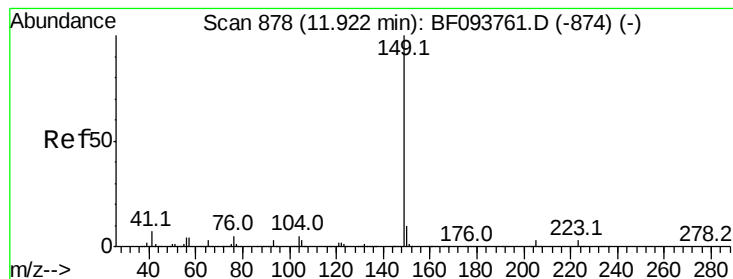


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.48 ng

RT: 11.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

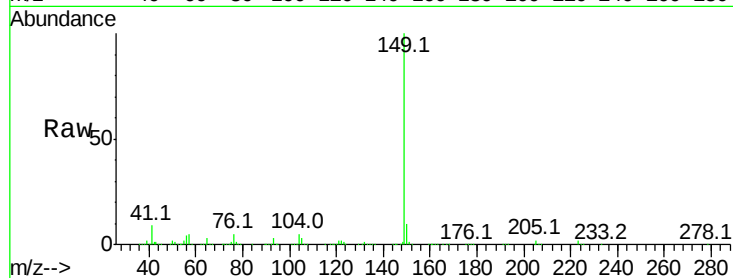
Tot Ion:149 Resp: 1556611

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

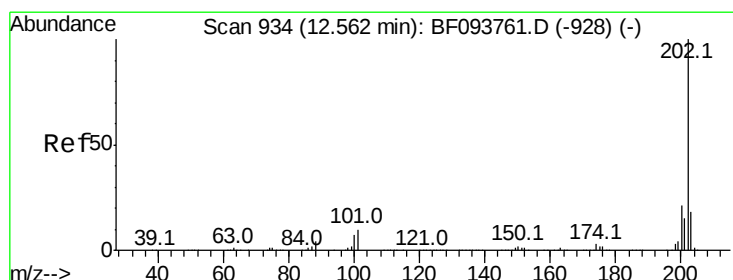
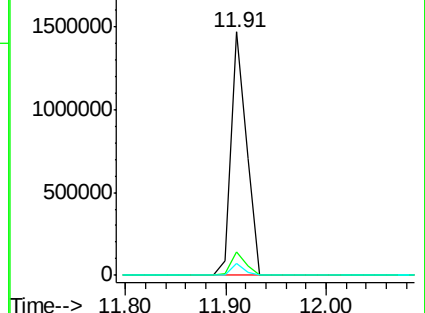
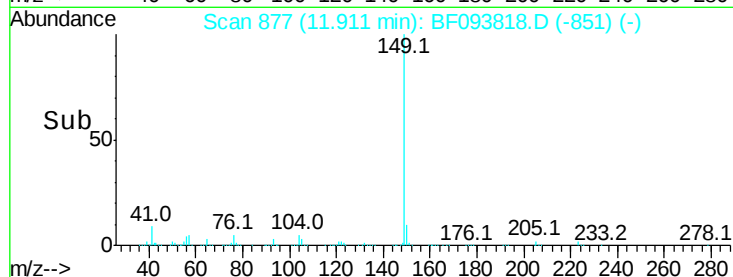
104 5.1 4.0 6.0



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: 36.17 ng

RT: 12.55 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

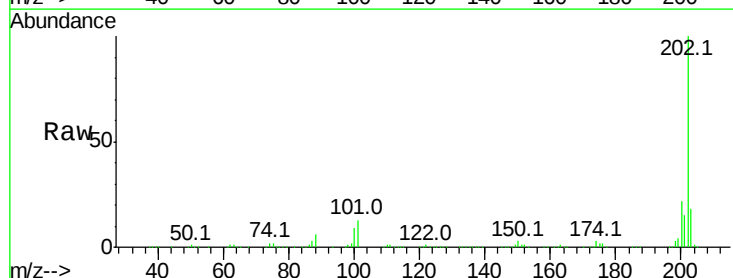
Tgt Ion:202 Resp: 1213373

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

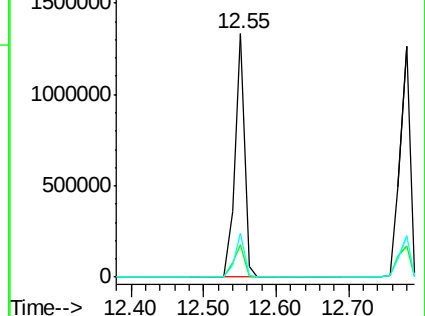
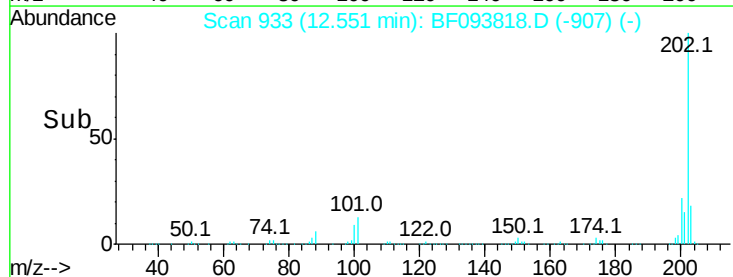
203 17.9 0.0 38.1

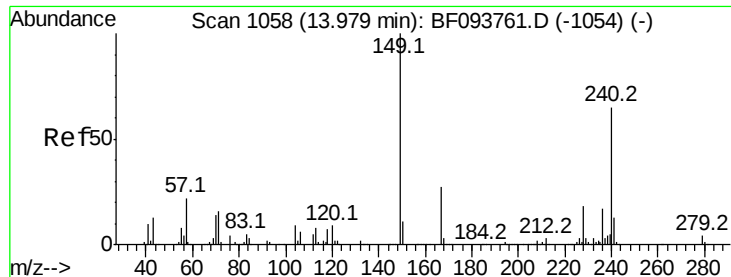


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

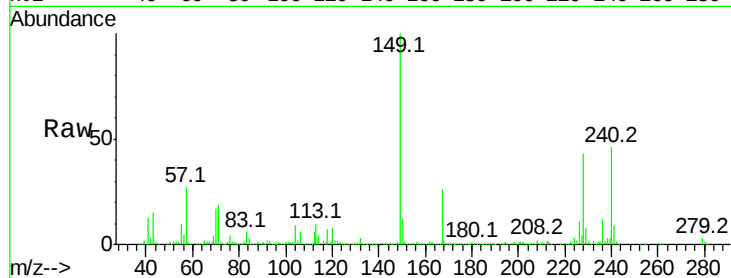
Tot Ion:240 Resp: 326033

Ion Ratio Lower Upper

240 100

120 17.1 5.8 8.8#

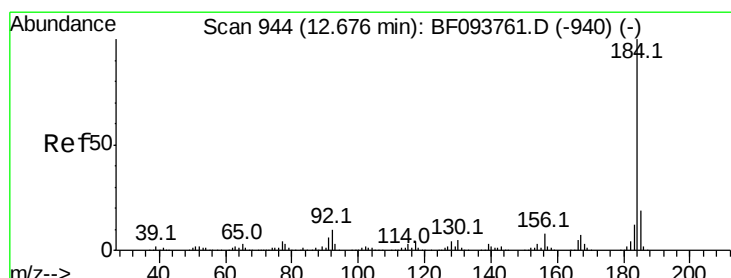
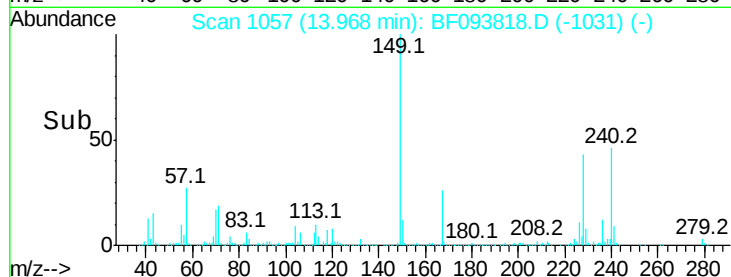
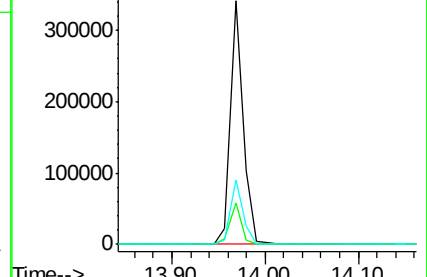
236 26.5 20.5 30.7



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: 25.56 ng

RT: 12.67 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

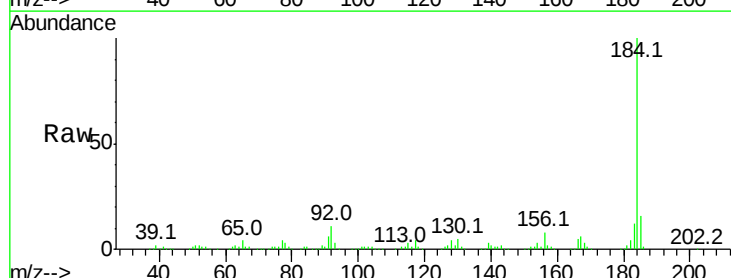
Tgt Ion:184 Resp: 365570

Ion Ratio Lower Upper

184 100

185 15.9 15.5 23.3

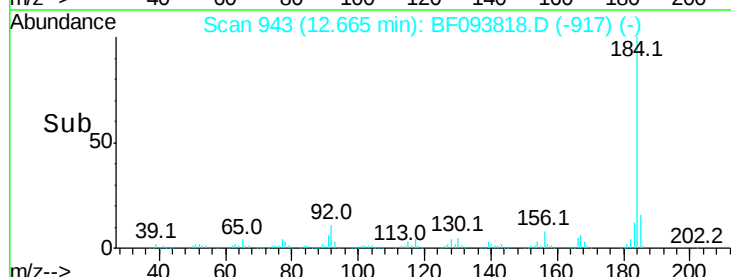
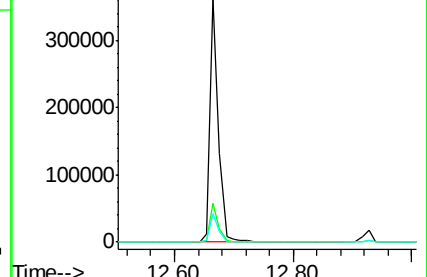
183 11.7 9.8 14.6

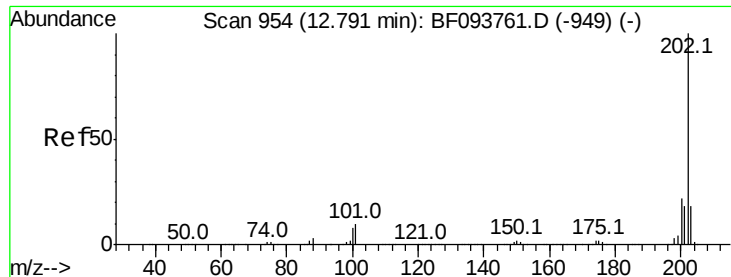


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

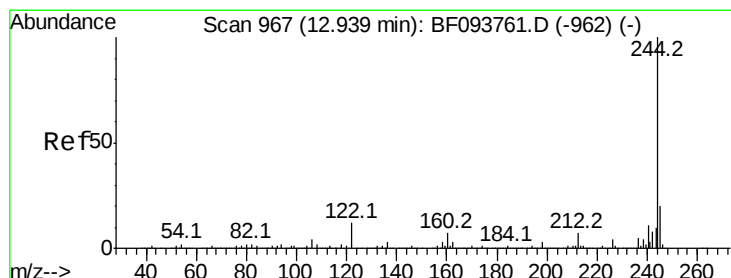
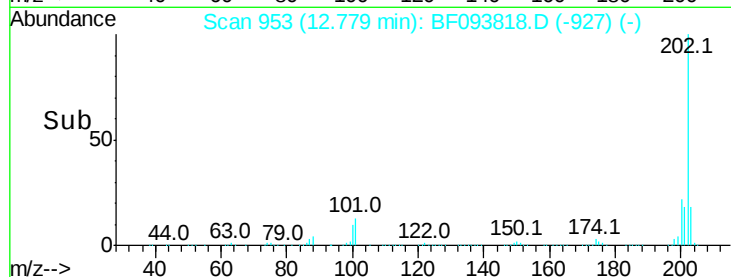
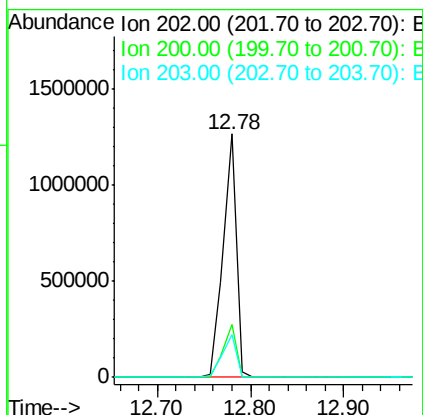
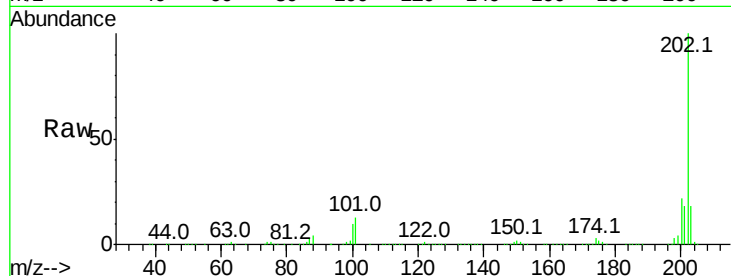




#77
Pvrene
Concen: 45.65 ng
RT: 12.78 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

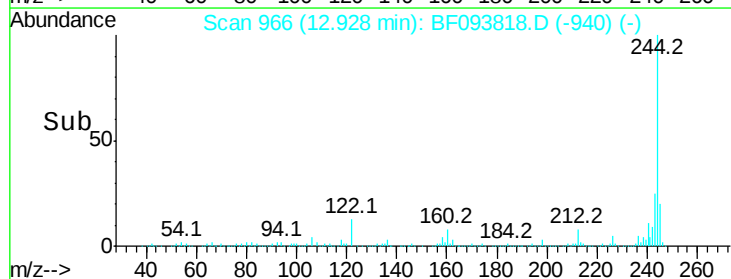
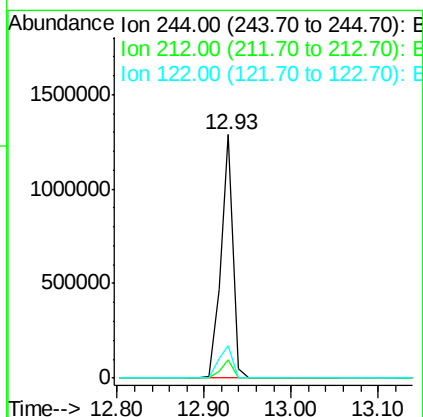
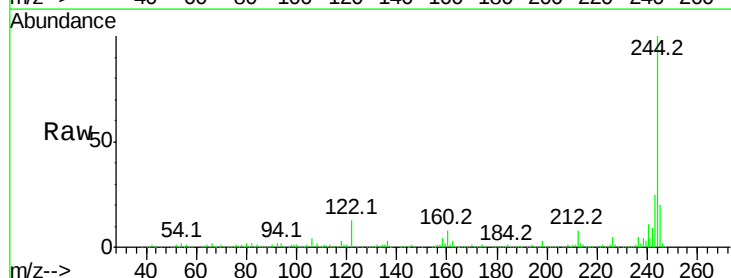
Instrument :
BNA_F
ClientSampleId :
PB97716BS

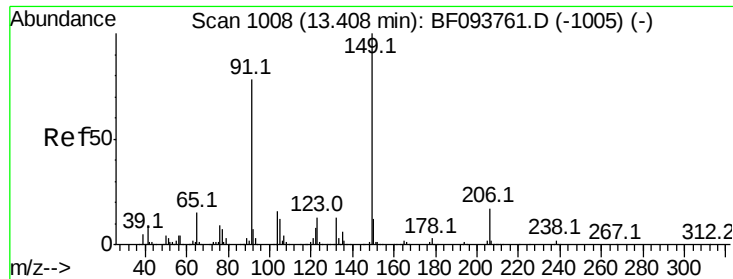
Tot Ion:202 Resp: 1238644
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.6 14.4 21.6



#78
Terphenyl-d14
Concen: 78.24 ng
RT: 12.93 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion:244 Resp: 1251188
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 13.3 10.3 15.5

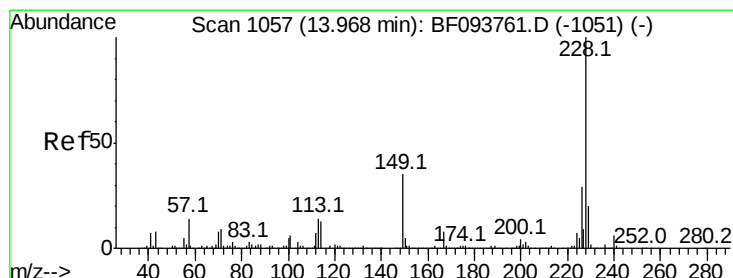
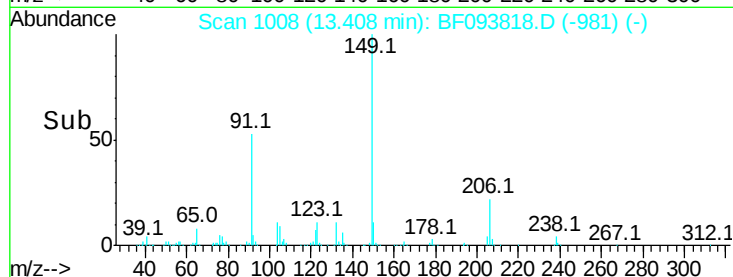
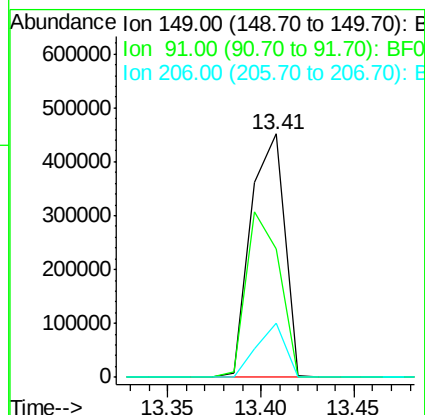
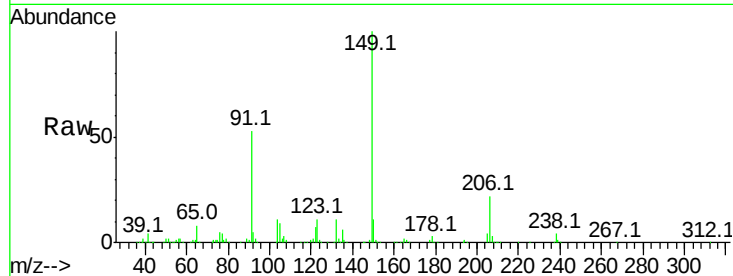




#79
Butylbenzylphthalate
Concen: 46.55 ng
RT: 13.41 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

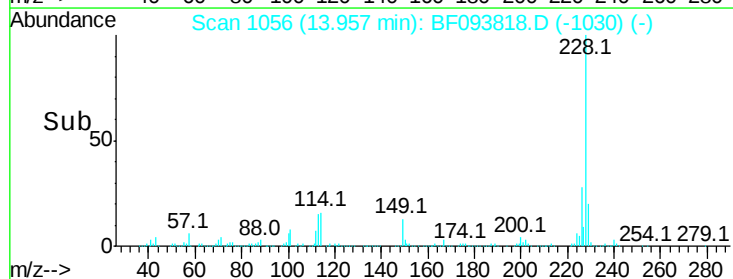
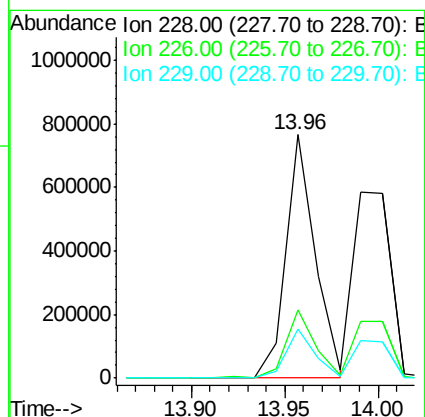
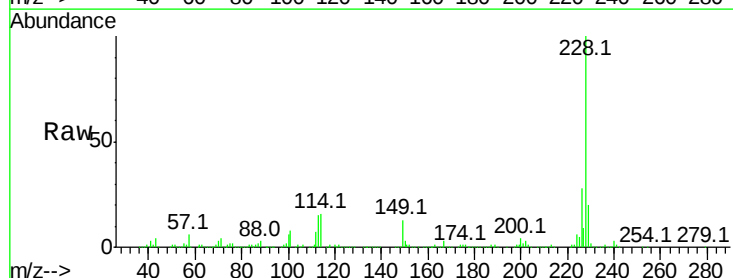
Instrument :
BNA_F
ClientSampleId :
PB97716BS

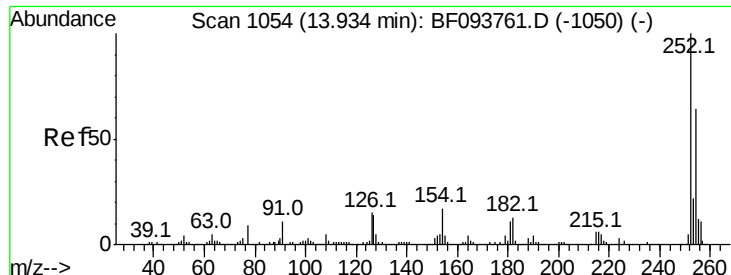
Tot Ion:149 Resp: 564464
Ion Ratio Lower Upper
149 100
91 52.9 45.0 67.4
206 22.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.98 ng
RT: 13.96 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion:228 Resp: 836932
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.0 16.3 24.5

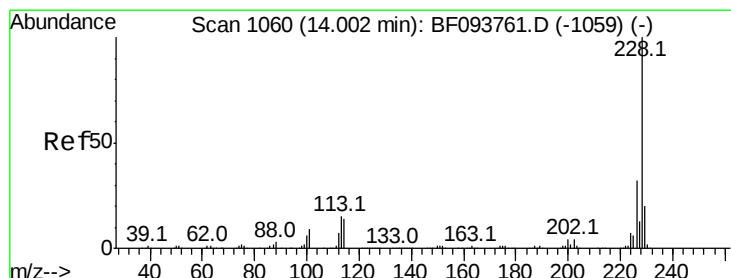
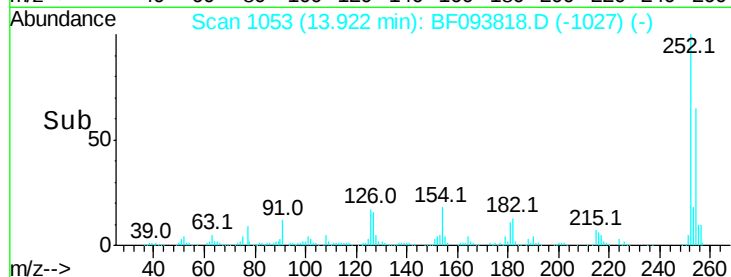
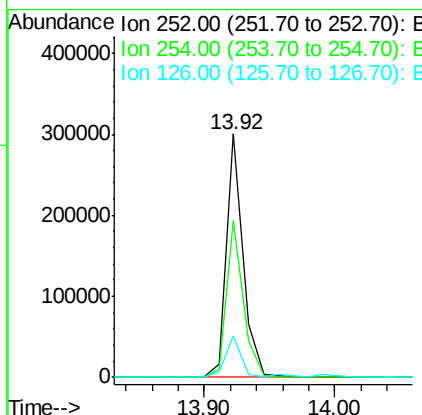
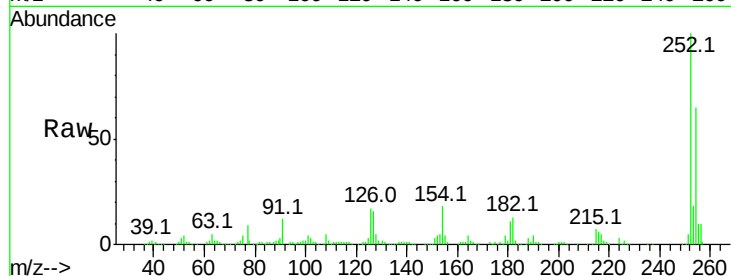




#81
 3,3'-Dichlorobenzidine
 Concen: 34.71 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

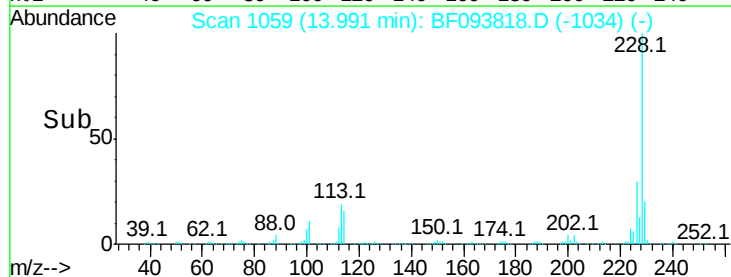
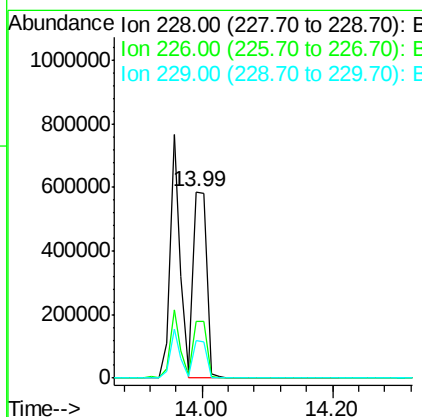
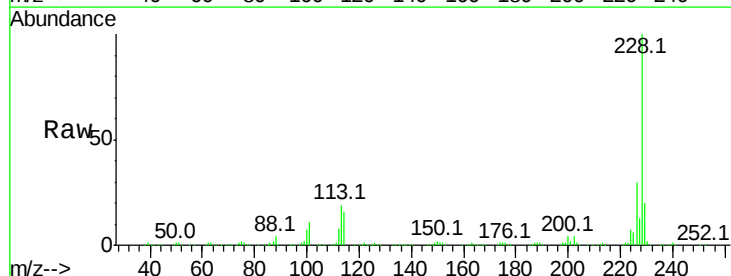
Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

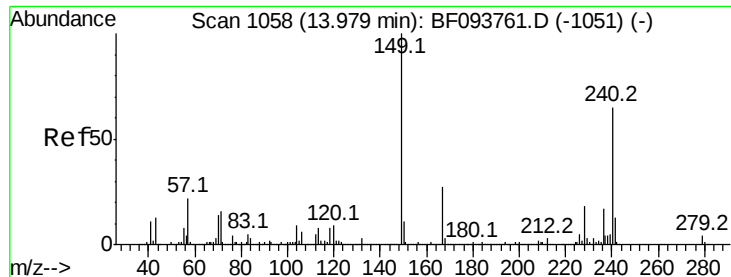
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	16.8	15.8	23.8



#82
 Chrysene
 Concen: 40.33 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.2	15.8	23.6

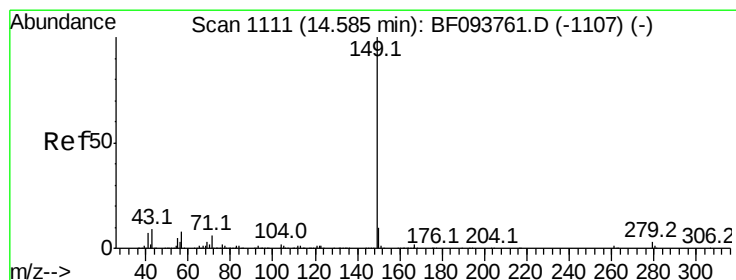
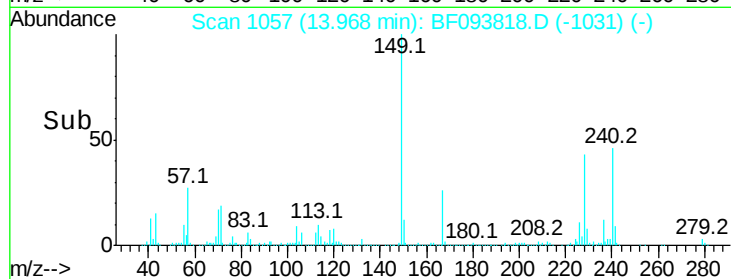
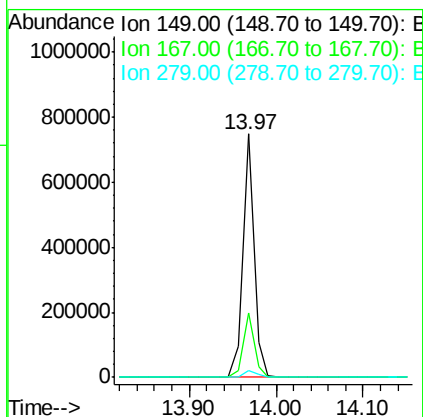
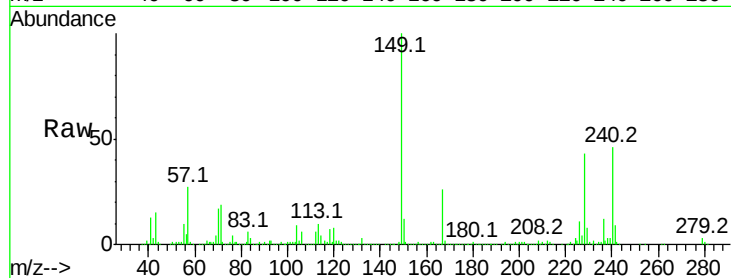




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.28 ng
 RT: 13.97 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

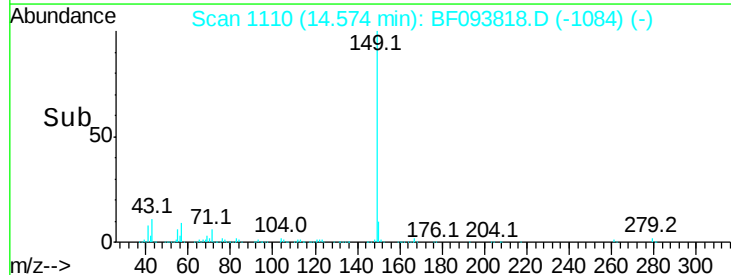
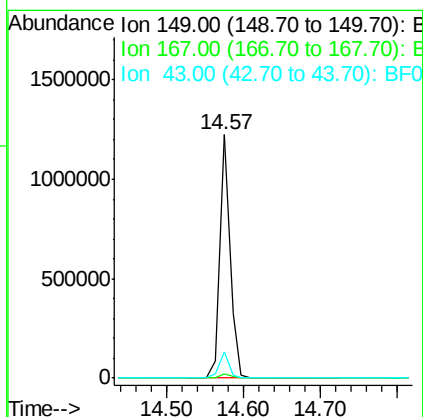
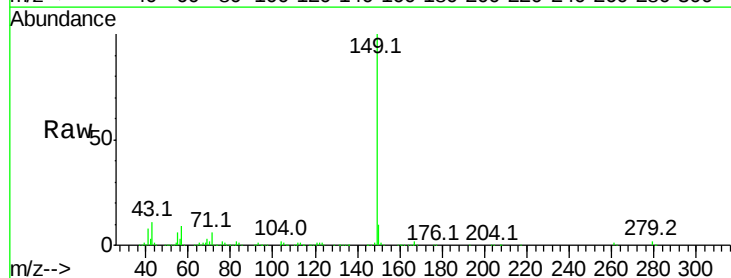
Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

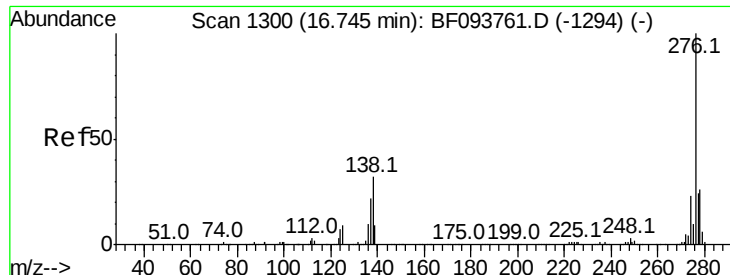
Tot Ion:149 Resp: 661321
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 2.6 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 42.67 ng
 RT: 14.57 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Tgt Ion:149 Resp: 1137060
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.2 8.5 12.7

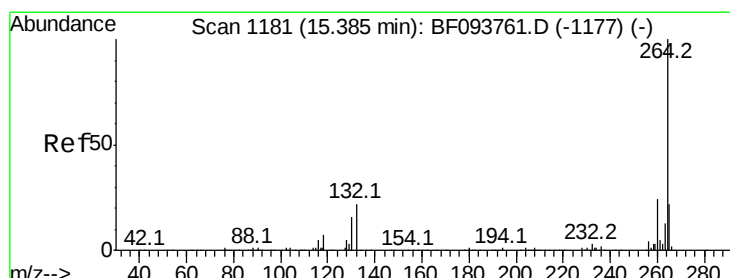
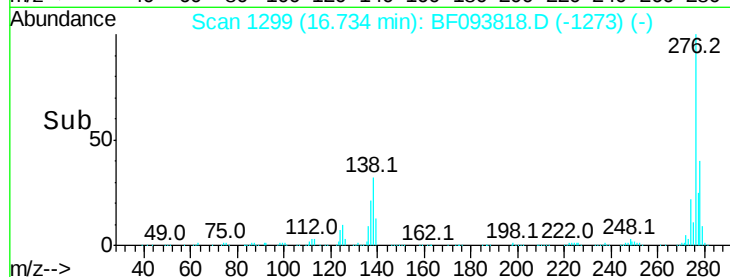
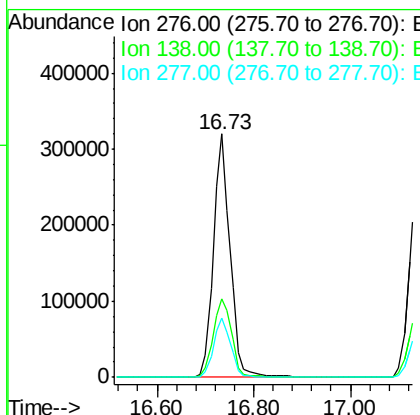
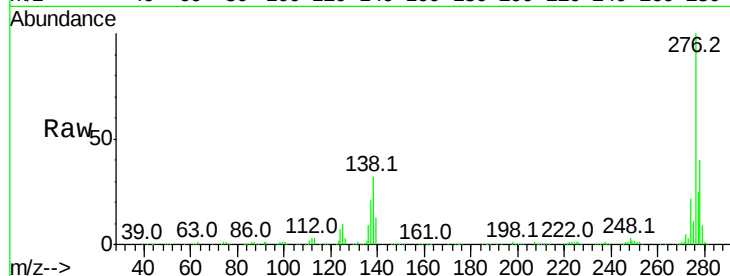




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.59 ng
 RT: 16.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

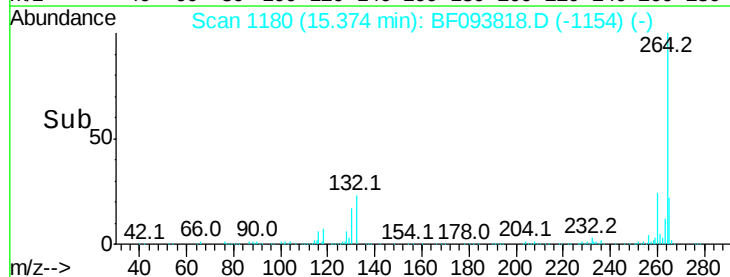
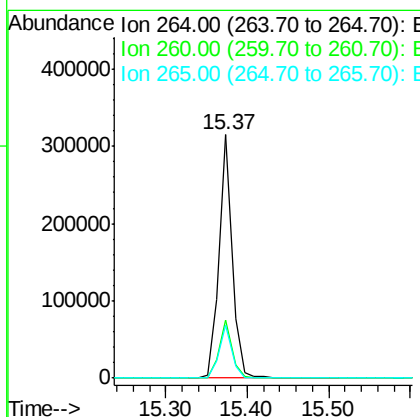
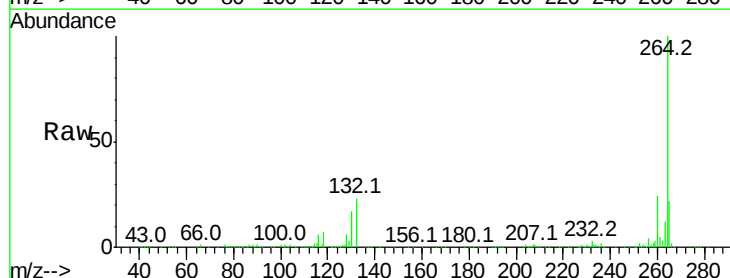
Instrument :
 BNA_F
 ClientSampleId :
 PB97716BS

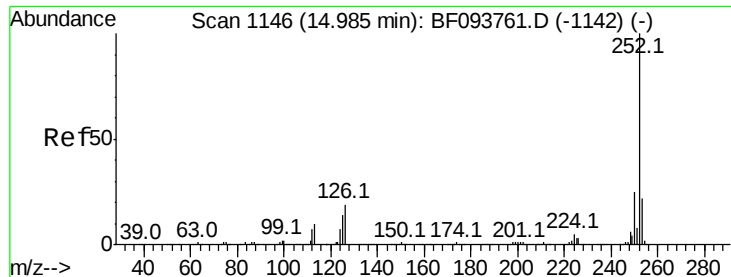
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF093818.D
 Acq: 22 Mar 2017 5:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.0	17.2	25.8

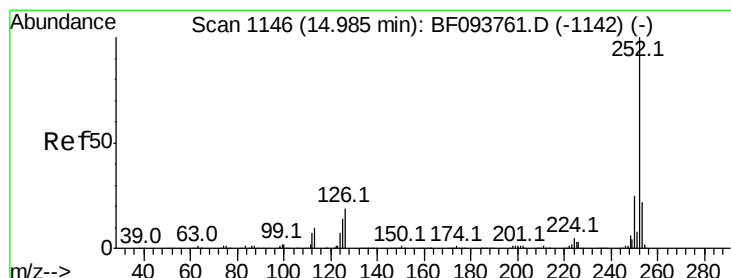
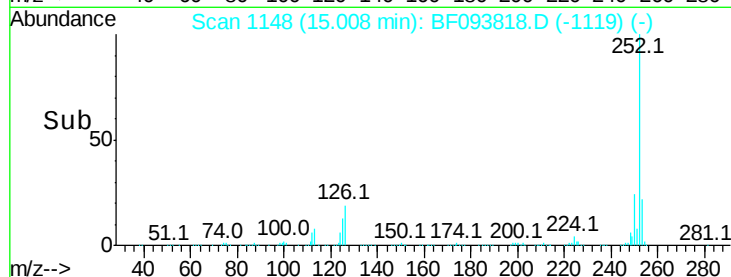
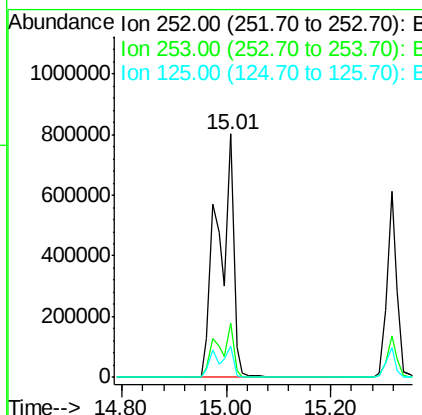
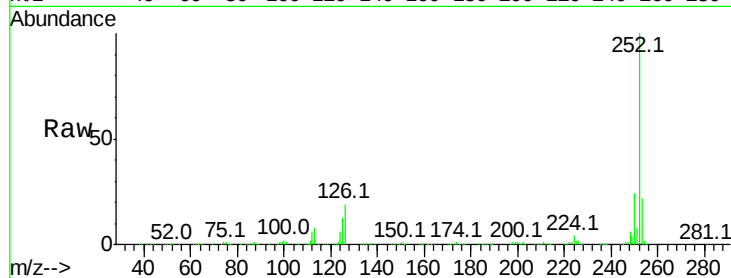




#87
Benzo(b)fluoranthene
Concen: 70.43 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.03 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

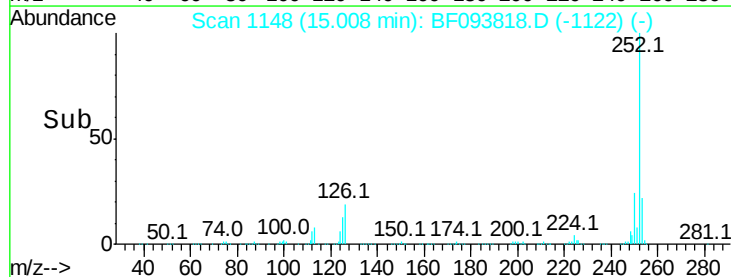
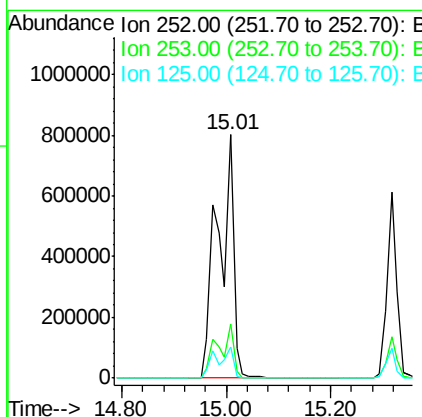
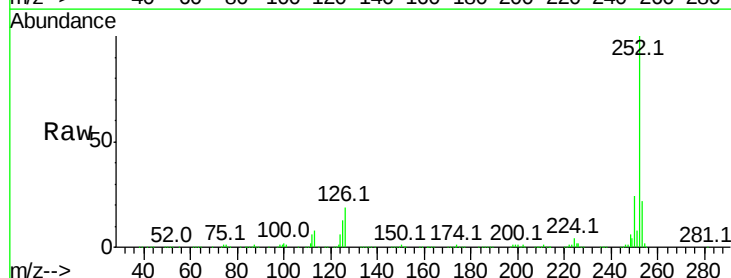
Instrument :
BNA_F
ClientSampleId :
PB97716BS

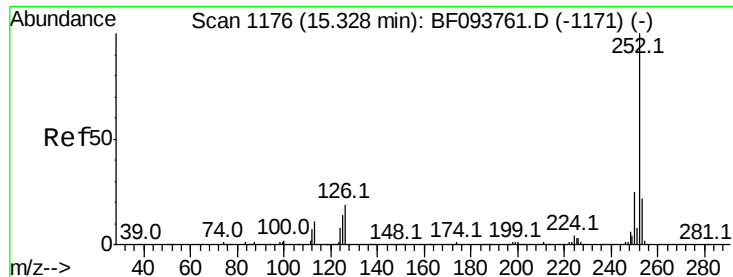
Tot Ion:252 Resp: 1664810
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 95.39 ng
RT: 15.01 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion:252 Resp: 1664810
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 12.8 13.1 19.7#

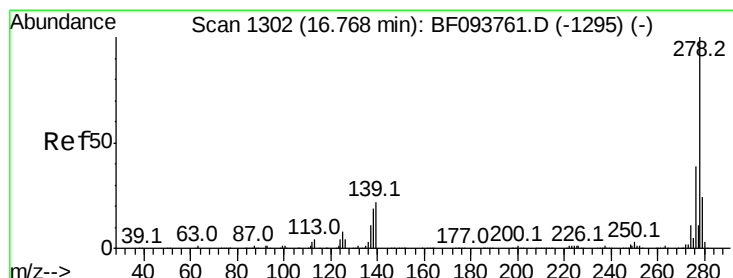
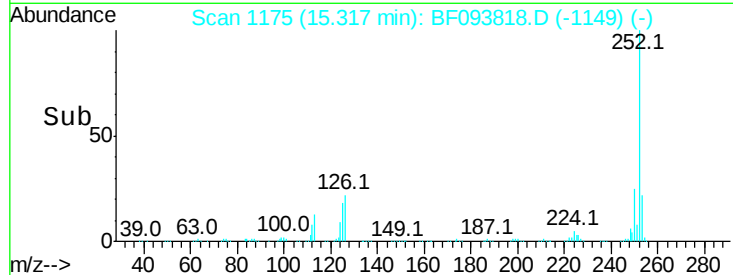
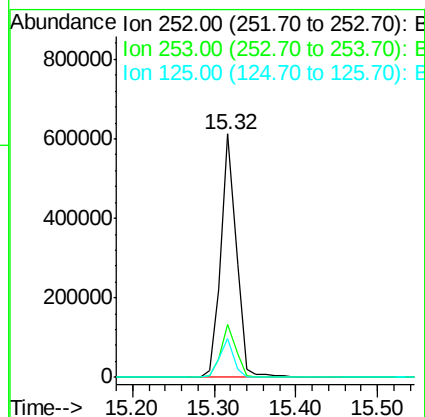
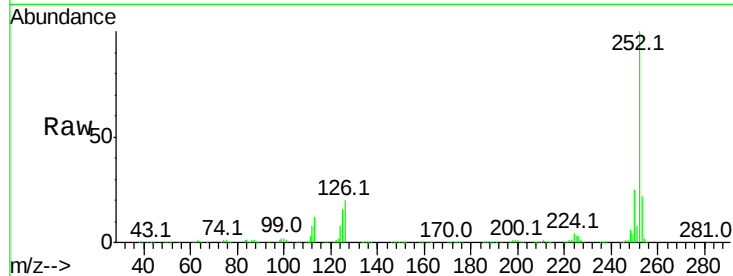




#89
Benzo(a)pyrene
Concen: 42.45 ng
RT: 15.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

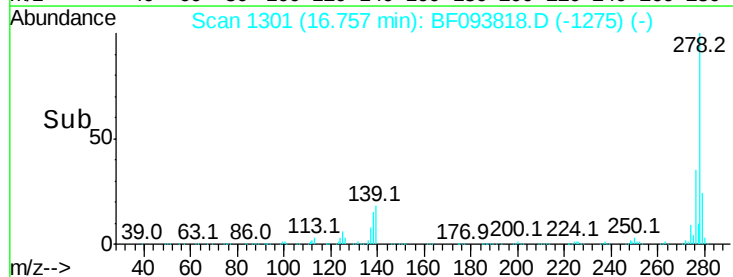
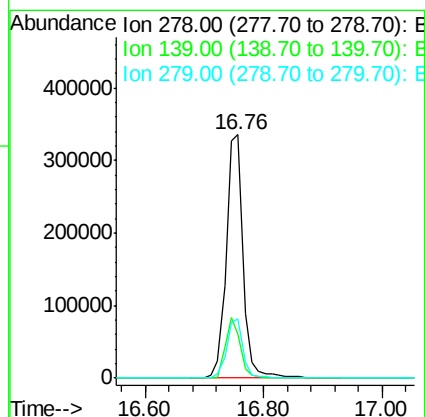
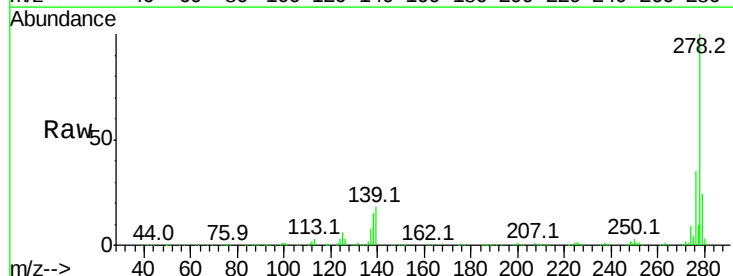
Instrument :
BNA_F
ClientSampleId :
PB97716BS

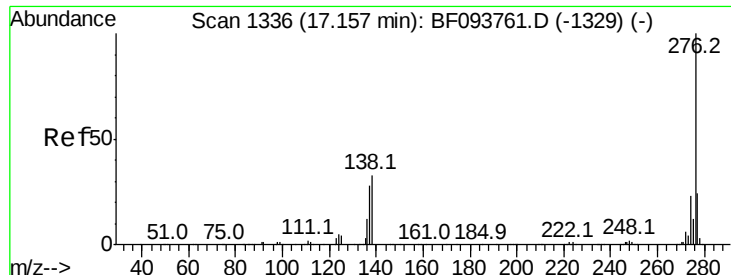
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.8	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 41.76 ng
RT: 16.76 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF093818.D
Acq: 22 Mar 2017 5:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	16.6	24.8
279	24.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 38.86 ng

RT: 17.15 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF093818.D

Acq: 22 Mar 2017 5:56

Instrument :

BNA_F

ClientSampleId :

PB97716BS

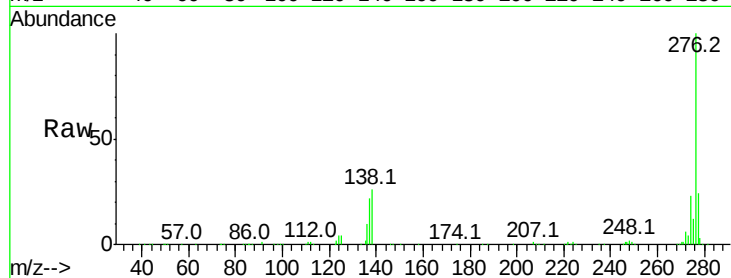
Tot Ion:276 Resp: 613834

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 26.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

