

Data File : BF093091.D
Acq On : 22 Feb 2017 22:33
Operator : SJ/MA
Sample : I1931-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5MS

Quant Time: Feb 22 23:59:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	146498	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	583414	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	283703	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	522251	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	448961	20.00	ng	-0.02
86) Perylene-d12	15.41	264	326182	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	57527	6.74	ng	0.00
7) Phenol-d6	6.48	99	596947	54.33	ng	-0.01
23) Nitrobenzene-d5	7.41	82	971808	92.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	268	0.13	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1679496	107.25	ng	-0.02
78) Terphenyl-d14	12.95	244	1526559	79.89	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	170325	36.91	ng	85
3) Pyridine	3.17	79	481647	41.05	ng	88
4) n-Nitrosodimethylamine	3.14	42	257932	46.82	ng	85
6) Aniline	6.50	93	328506	21.92	ng	# 51
9) Benzaldehyde	6.38	77	55250	7.02	ng	97
10) Phenol	6.49	94	188304	14.65	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	467798	45.59	ng	98
12) 1,3-Dichlorobenzene	6.78	146	480157	43.52	ng	99
13) 1,4-Dichlorobenzene	6.85	146	475923	42.62	ng	98
14) 1,2-Dichlorobenzene	7.01	146	468782	43.90	ng	97
15) Benzyl Alcohol	6.99	79	350545	43.10	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	784899	44.03	ng	95
17) 2-Methylphenol	7.12	107	237767	29.42	ng	93
18) Hexachloroethane	7.36	117	168772	44.27	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	351783	50.30	ng	96
20) 3+4-Methylphenols	7.26	107	210111	21.74	ng	94
22) Acetophenone	7.25	105	580743	43.60	ng	# 99
24) Nitrobenzene	7.42	77	468733	43.57	ng	96
25) Isophorone	7.66	82	863748	44.24	ng	95
26) 2-Nitrophenol	7.66	139	13931	2.72	ng	# 57
27) 2,4-Dimethylphenol	7.79	122	315479	35.13	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	590582	45.68	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	390209	43.23	ng	94
31) Naphthalene	8.14	128	1202313	40.65	ng	99
32) Benzoic acid	7.79	122	315479	59.91	ng	# 11
33) 4-Chloroaniline	8.20	127	294326	25.38	ng	100
34) Hexachlorobutadiene	8.26	225	202911	40.86	ng	99
35) Caprolactam	8.54	113	98655	37.45	ng	# 56
36) 4-Chloro-3-methylphenol	8.69	107	72080	8.25	ng	86
37) 2-Methylnaphthalene	8.84	142	871224	45.88	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	358777	45.05	ng	99
40) Hexachlorocyclopentadiene	8.99	237	272175	75.75	ng	97
45) 1,1'-Biphenyl	9.30	154	941626	45.84	ng	97
46) 2-Chloronaphthalene	9.32	162	769817	47.90	ng	96

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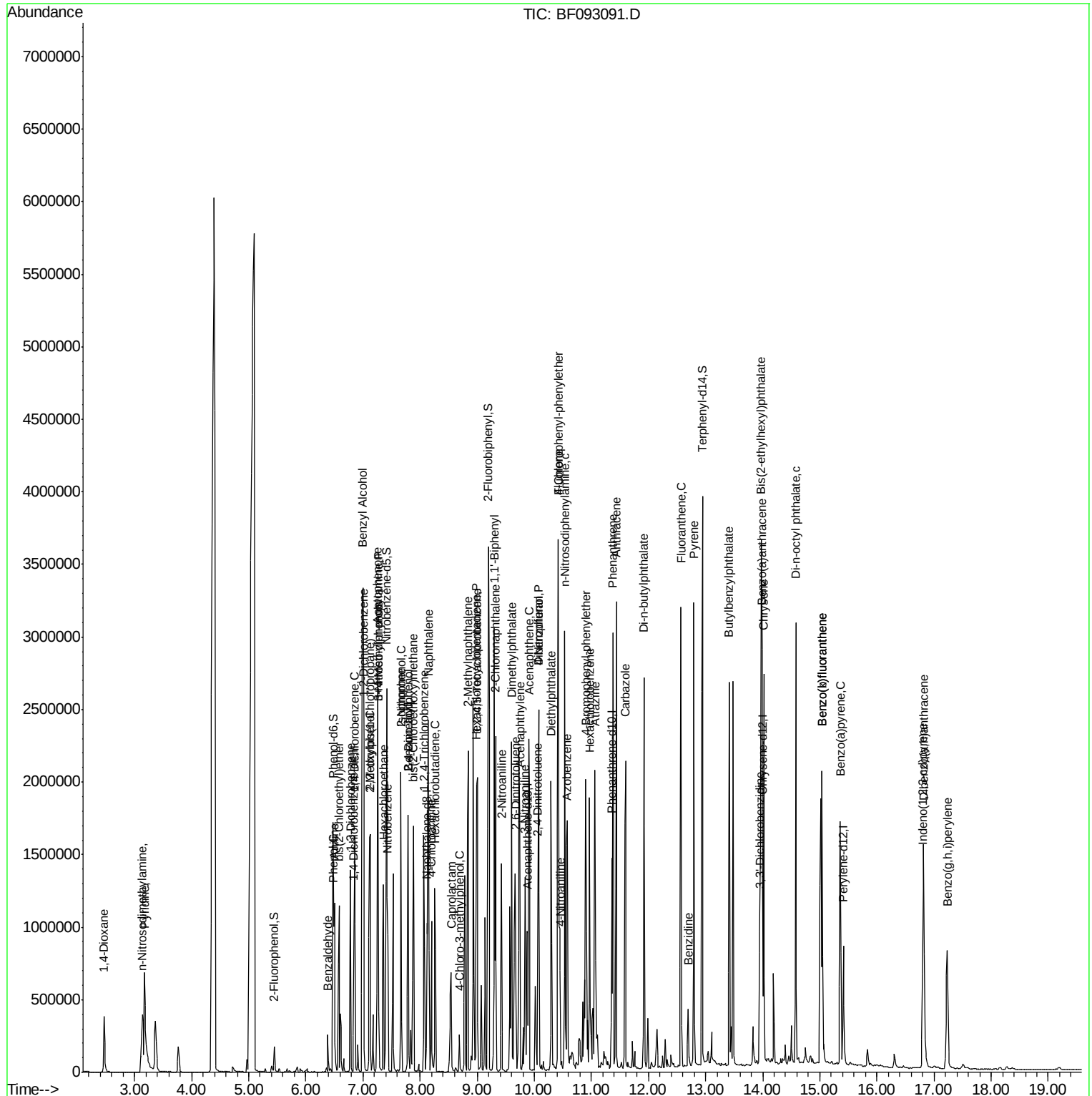
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	9.42	65	253810	46.97	ng	98
48) Acenaphthylene	9.74	152	1258609	45.34	ng	98
49) Dimethylphthalate	9.61	163	1156684	60.53	ng	100
50) 2,6-Dinitrotoluene	9.66	165	199247	48.28	ng	# 70
51) Acenaphthene	9.90	154	723239	43.57	ng	96
52) 3-Nitroaniline	9.84	138	182586	38.66	ng	99
54) Dibenzofuran	10.08	168	1065553	48.00	ng	99
55) 4-Nitrophenol	10.08	139	381742	112.23	ng	# 6
56) 2,4-Dinitrotoluene	10.06	165	249536	45.42	ng	# 88
57) Fluorene	10.42	166	746939	43.73	ng	98
59) Diethylphthalate	10.29	149	824530	45.79	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	389555	47.48	ng	# 75
61) 4-Nitroaniline	10.45	138	246600	50.98	ng	# 75
62) Azobenzene	10.57	77	996810	53.58	ng	94
65) n-Nitrosodiphenylamine	10.53	169	704236	42.21	ng	100
66) 4-Bromophenyl-phenylether	10.90	248	215993	39.59	ng	91
67) Hexachlorobenzene	10.97	284	218103	40.45	ng	# 86
68) Atrazine	11.06	200	226802	42.36	ng	98
70) Phenanthrene	11.38	178	1153743	38.56	ng	99
71) Anthracene	11.44	178	1355728	45.12	ng	98
72) Carbazole	11.60	167	1220344	42.49	ng	# 97
73) Di-n-butylphthalate	11.92	149	1870164	60.21	ng	# 98
74) Fluoranthene	12.57	202	1197126	38.79	ng	99
76) Benzidine	12.69	184	181204	9.47	ng	96
77) Pyrene	12.80	202	1247043	37.12	ng	99
79) Butylbenzylphthalate	13.41	149	604602	44.31	ng	92
80) Benzo(a)anthracene	13.99	228	1101003	40.10	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	270403	27.63	ng	# 95
82) Chrysene	14.02	228	869794	33.83	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	832188	44.60	ng	# 96
84) Di-n-octyl phthalate	14.58	149	1382195	45.49	ng	99
85) Indeno(1,2,3-cd)pyrene	16.81	276	752472	37.79	ng	# 93
87) Benzo(b)fluoranthene	15.04	252	1793699	83.55	ng	98
88) Benzo(k)fluoranthene	15.04	252	1793699	96.76	ng	# 97
89) Benzo(a)pyrene	15.36	252	822344	44.28	ng	# 96
90) Dibenzo(a,h)anthracene	16.82	278	627300	41.79	ng	96
91) Benzo(g,h,i)perylene	17.23	276	635108	41.89	ng	# 91

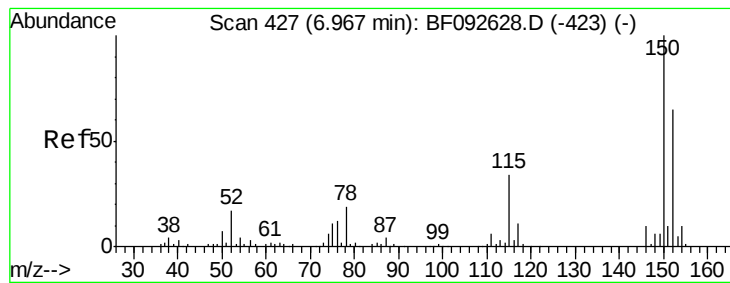
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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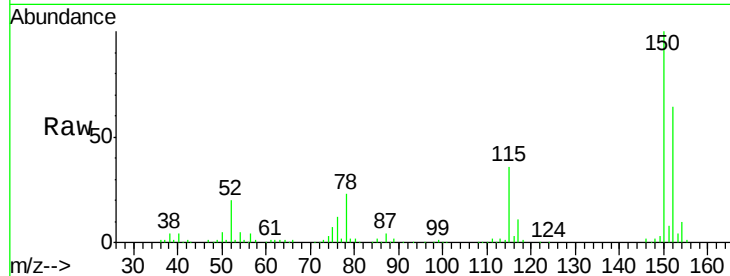
Tgt Ion:152 Resp: 146498

Ion Ratio Lower Upper

152 100

150 157.1 124.9 187.3

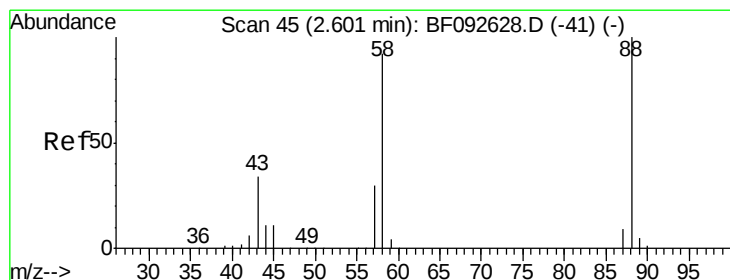
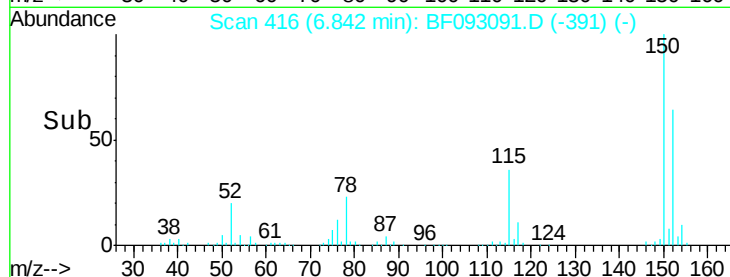
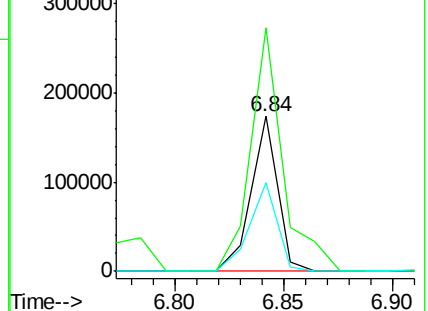
115 57.3 46.0 69.0



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: 36.91 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.03 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

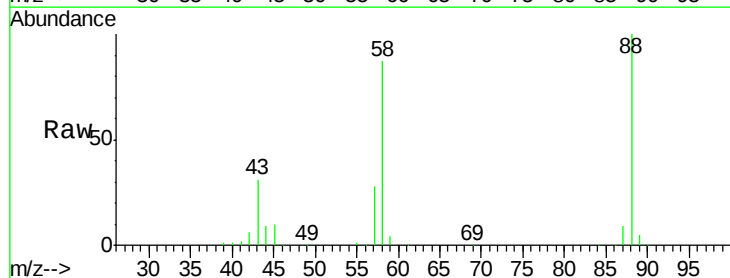
Tgt Ion: 88 Resp: 170325

Ion Ratio Lower Upper

88 100

58 86.8 57.8 86.8

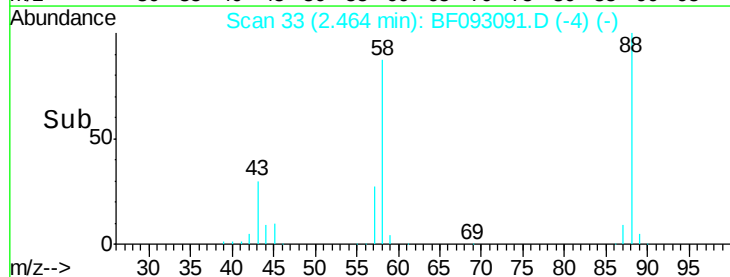
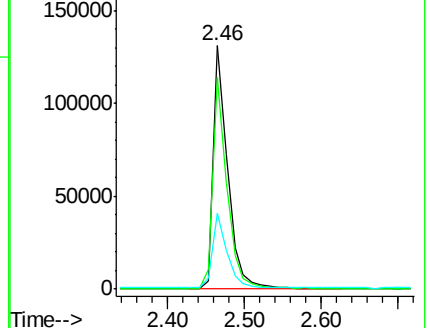
43 32.1 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.05 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.02 min

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P-5MS

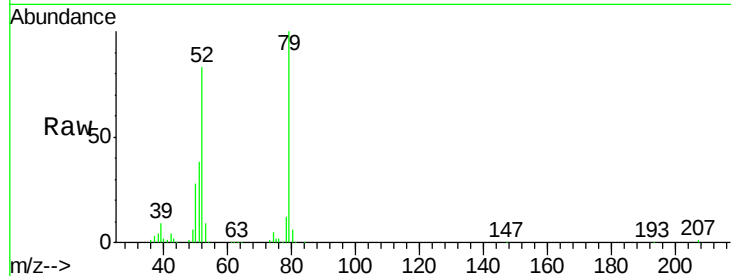
Tgt Ion: 79 Resp: 481647

Ion Ratio Lower Upper

79 100

52 83.1 57.1 85.7

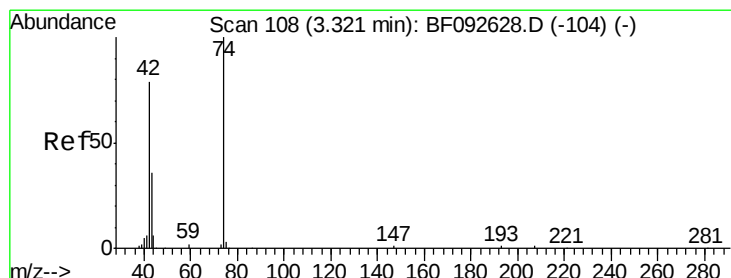
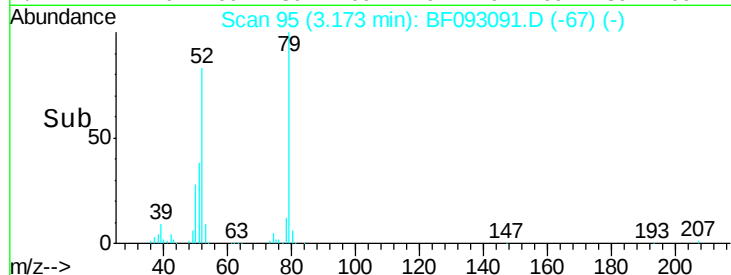
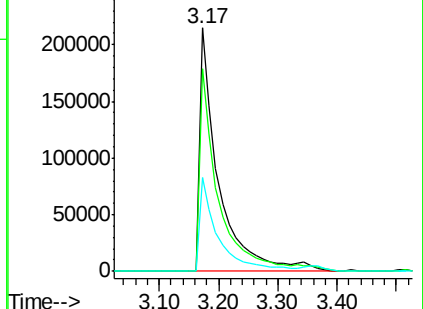
51 38.5 27.3 40.9



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: 46.82 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.03 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

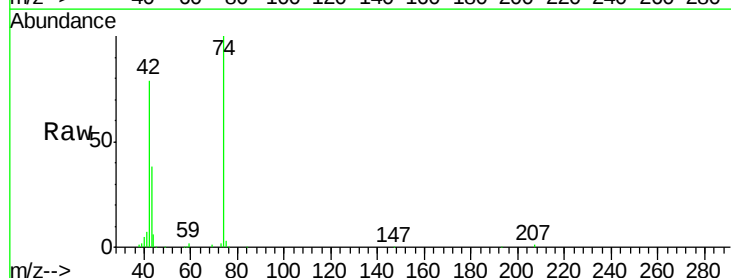
Tgt Ion: 42 Resp: 257932

Ion Ratio Lower Upper

42 100

74 126.7 117.0 175.4

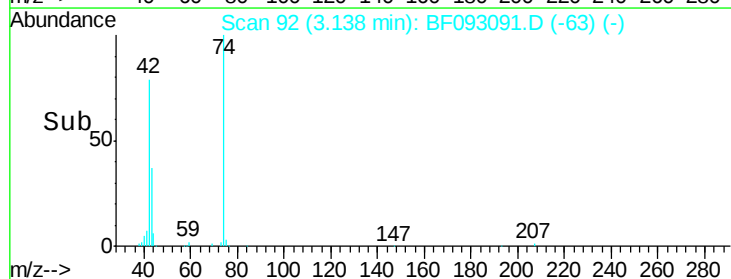
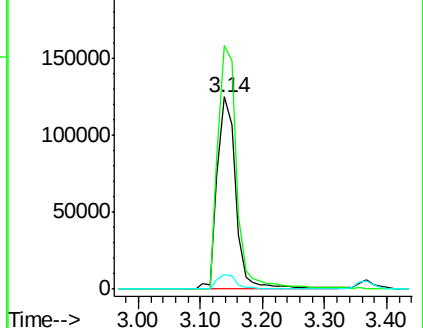
44 7.7 5.5 8.3

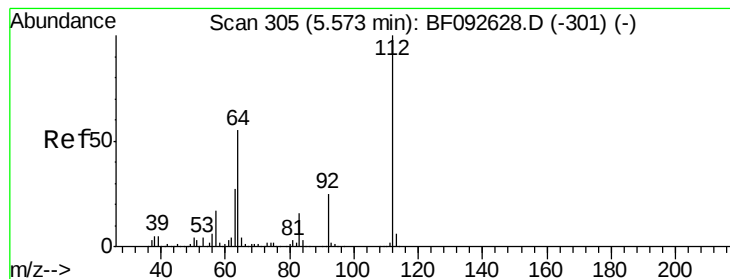


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 6.74 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF093091.D

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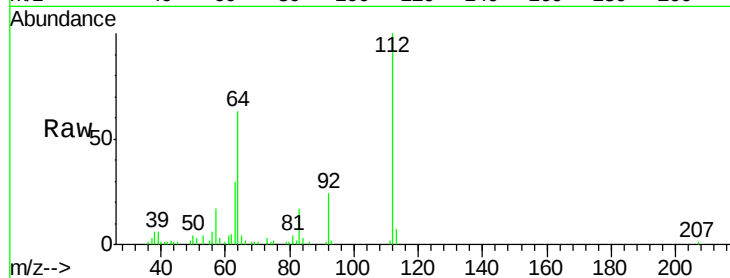
Tgt Ion: 112 Resp: 57527

Ion Ratio Lower Upper

112 100

64 62.8 46.1 69.1

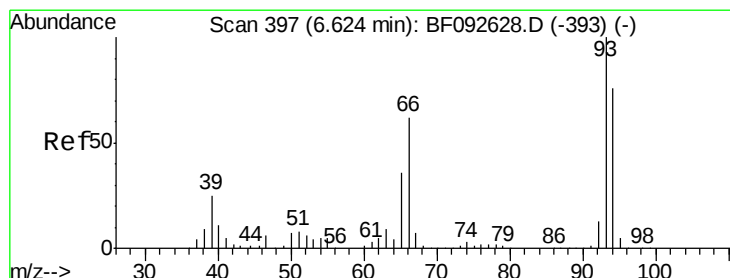
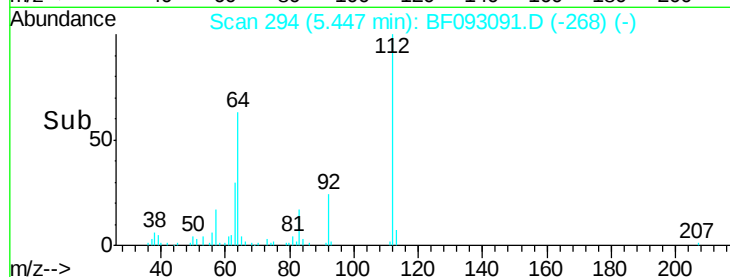
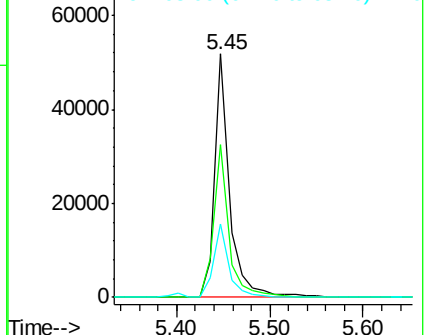
63 30.3 23.8 35.6



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: 21.92 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

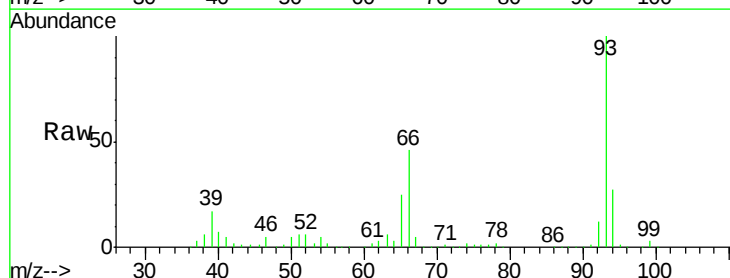
Tgt Ion: 93 Resp: 328506

Ion Ratio Lower Upper

93 100

66 46.3 76.2 114.2#

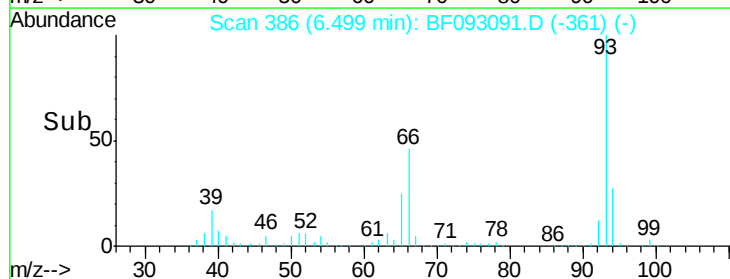
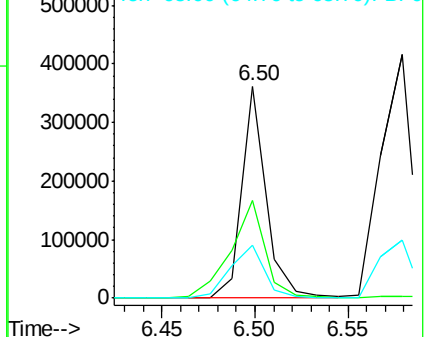
65 25.0 49.3 73.9#

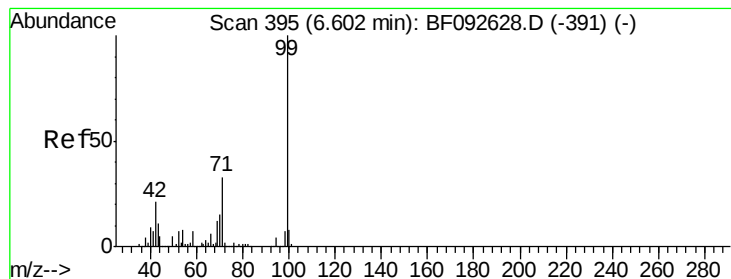


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 54.33 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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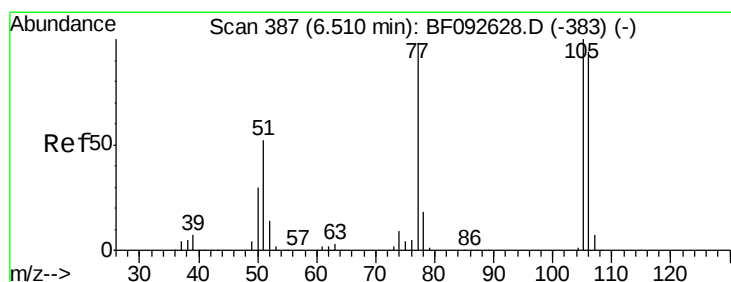
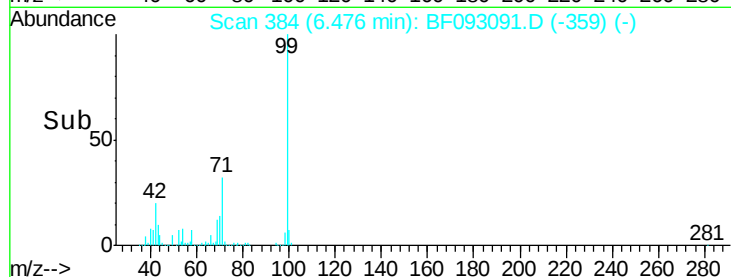
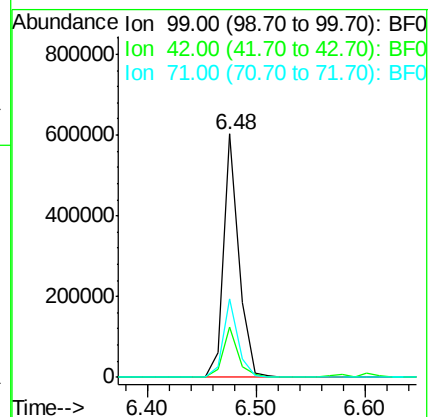
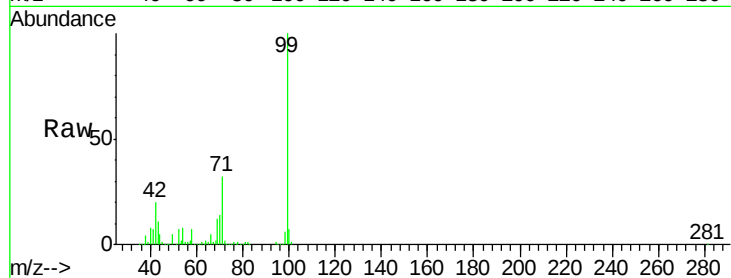
Tgt Ion: 99 Resp: 596947

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

71 32.0 27.5 41.3



#9

Benzaldehyde

Concen: 7.02 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093091.D

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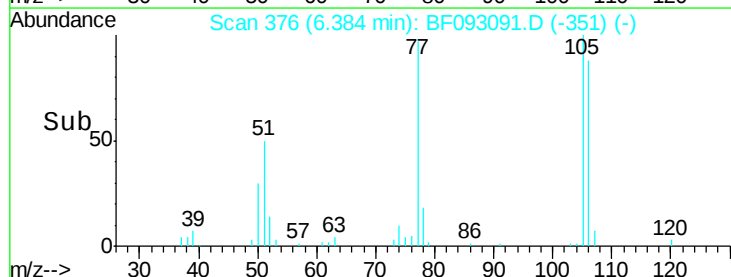
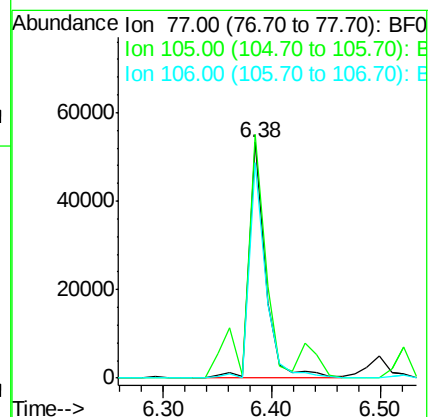
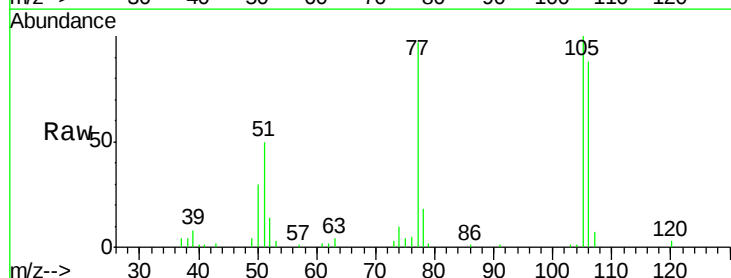
Tgt Ion: 77 Resp: 55250

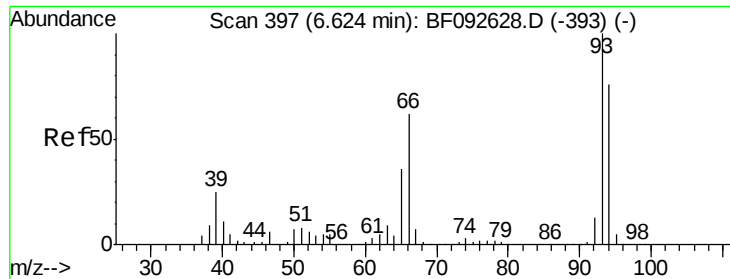
Ion Ratio Lower Upper

77 100

105 103.3 83.9 123.9

106 91.2 77.6 117.6





#10

Phenol

Concen: 14.65 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

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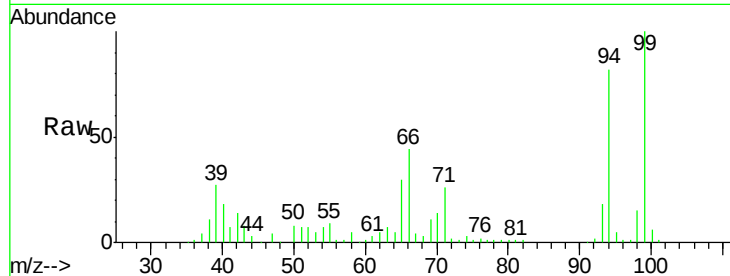
Tgt Ion: 94 Resp: 188304

Ion Ratio Lower Upper

94 100

65 36.6 21.4 61.4

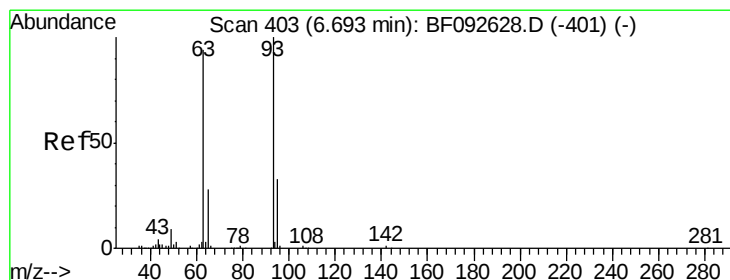
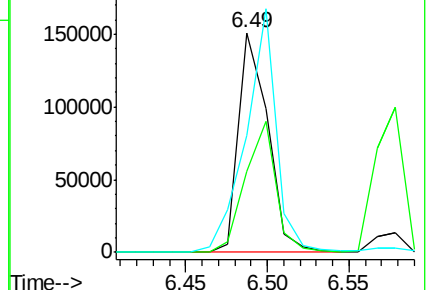
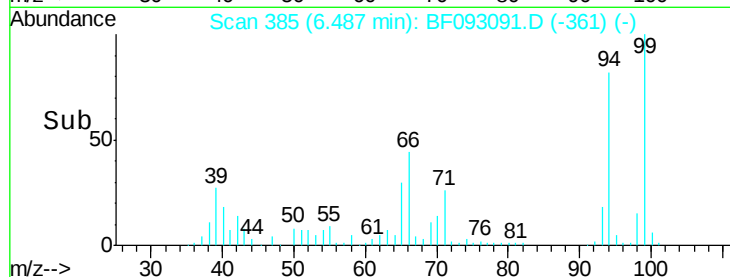
66 53.3 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 45.59 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

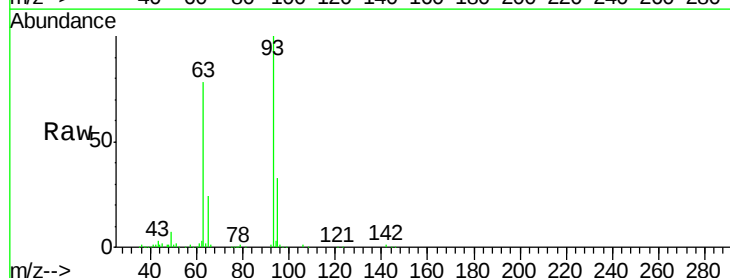
Tgt Ion: 93 Resp: 467798

Ion Ratio Lower Upper

93 100

63 78.3 60.4 100.4

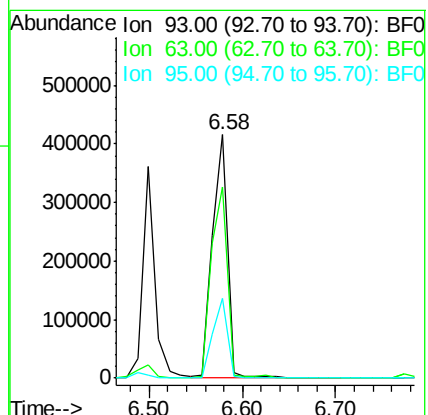
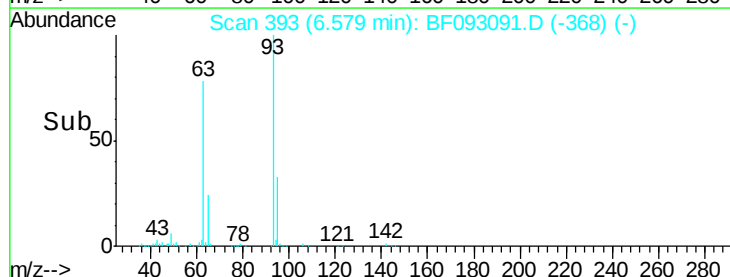
95 33.0 12.8 52.8

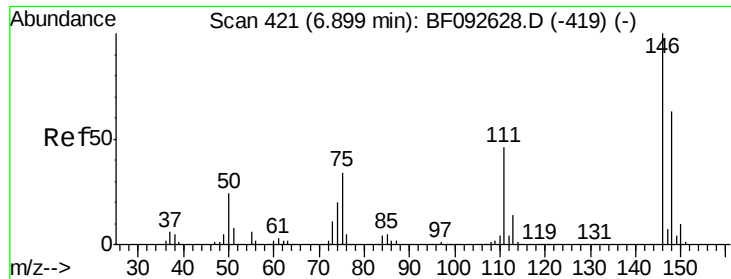


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 43.52 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

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P-5MS

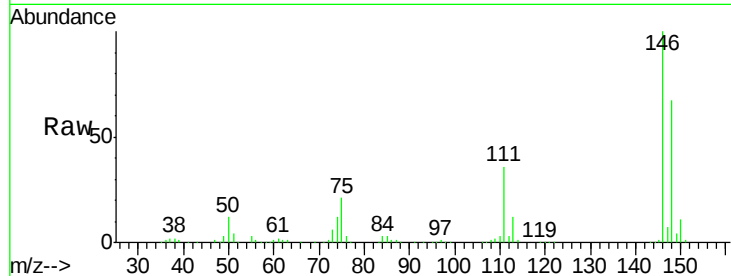
Tgt Ion:146 Resp: 480157

Ion Ratio Lower Upper

146 100

148 66.5 53.4 80.0

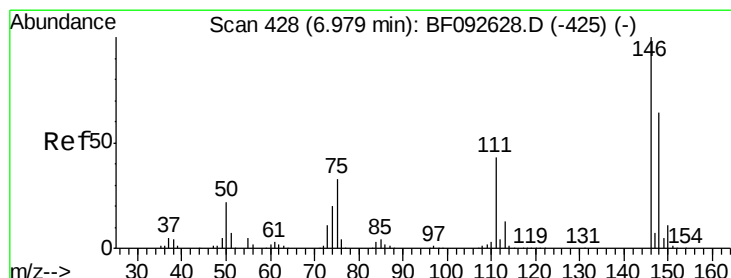
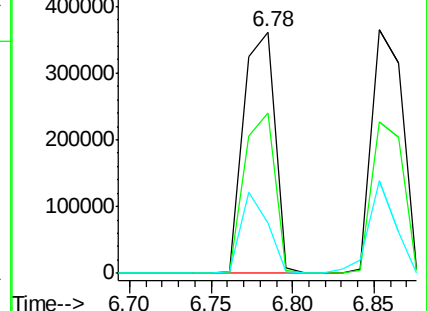
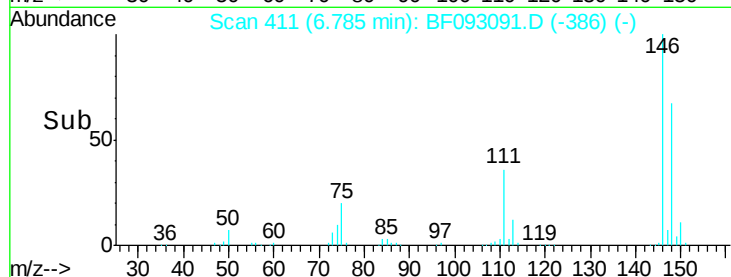
75 21.0 18.5 27.7



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: 42.62 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

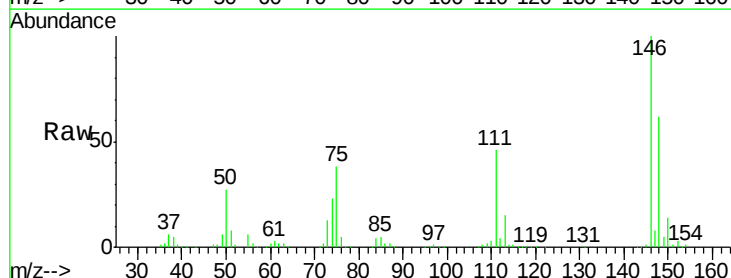
Tgt Ion:146 Resp: 475923

Ion Ratio Lower Upper

146 100

148 62.2 50.6 76.0

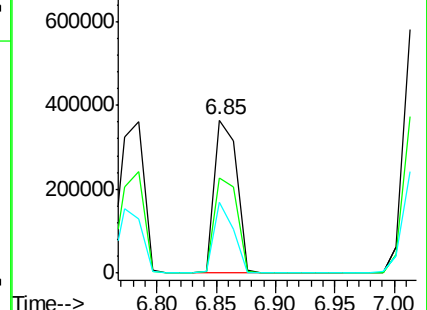
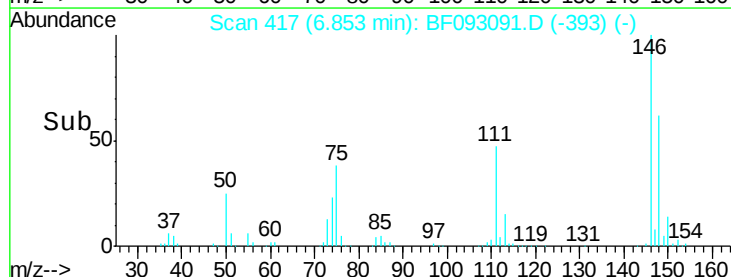
111 46.5 36.2 54.4

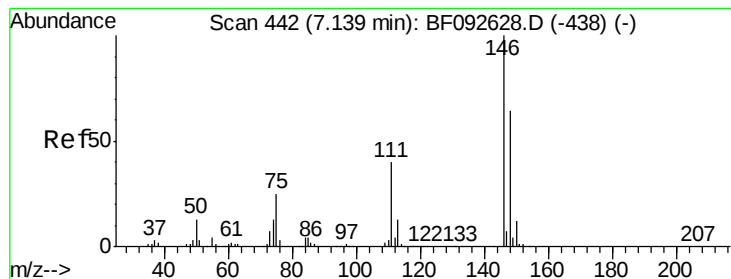


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 43.90 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

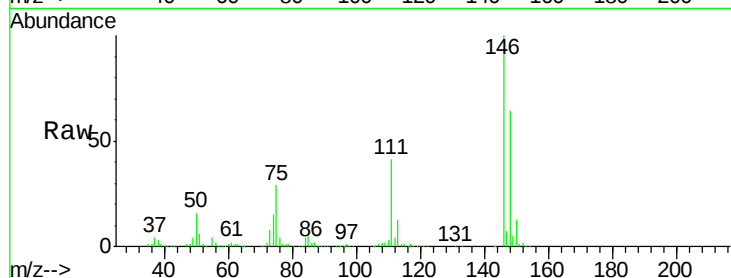
Tgt Ion:146 Resp: 468782

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

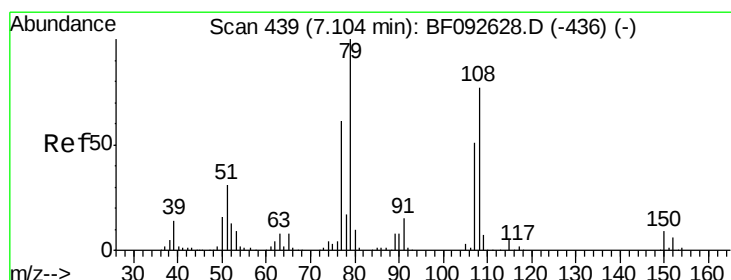
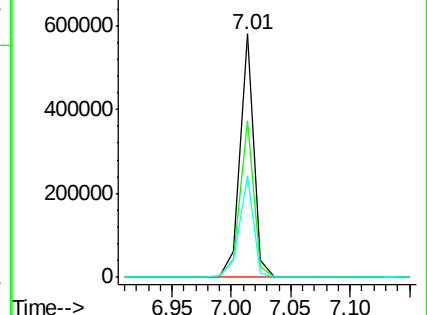
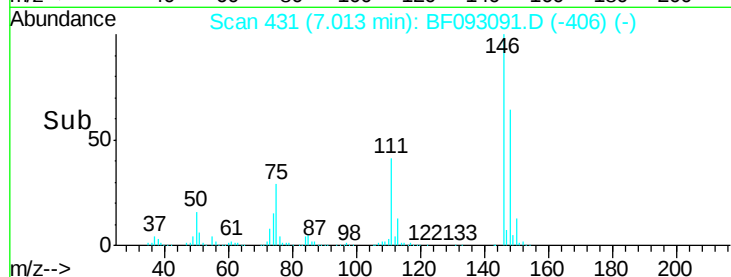
111 41.5 36.2 54.2



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: 43.10 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

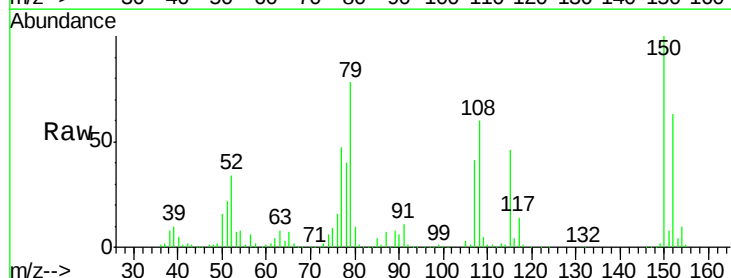
Tgt Ion: 79 Resp: 350545

Ion Ratio Lower Upper

79 100

108 76.9 61.4 92.0

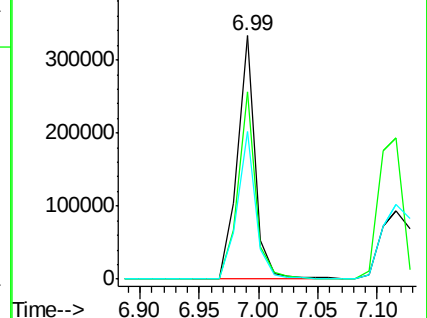
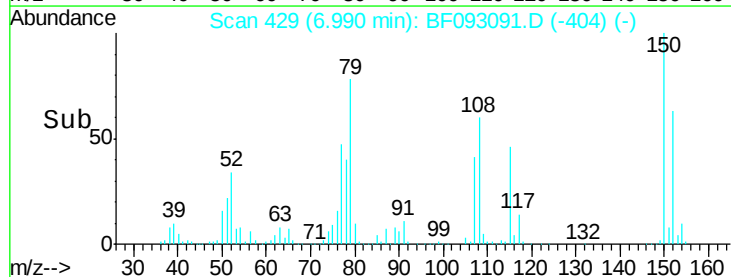
77 60.4 50.9 76.3

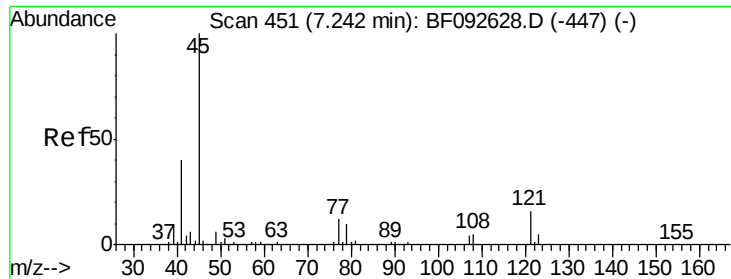


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

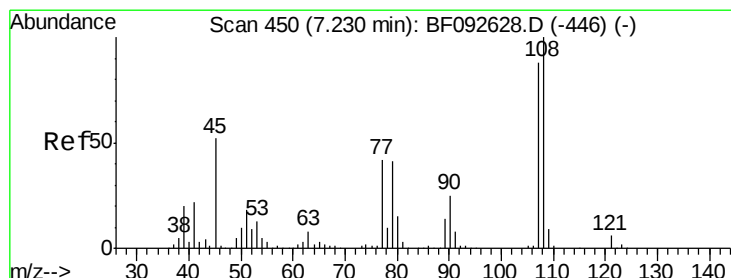
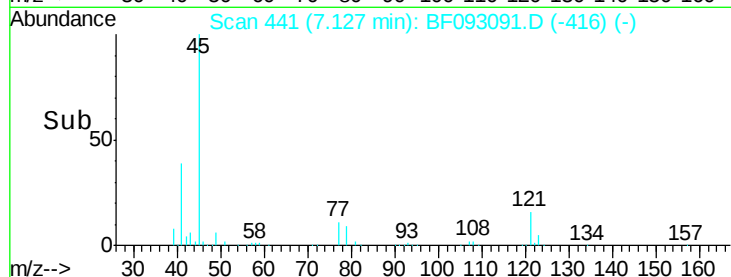
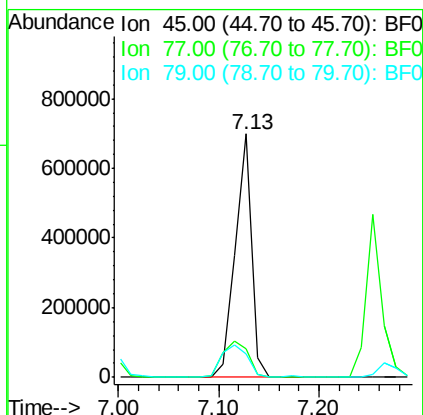
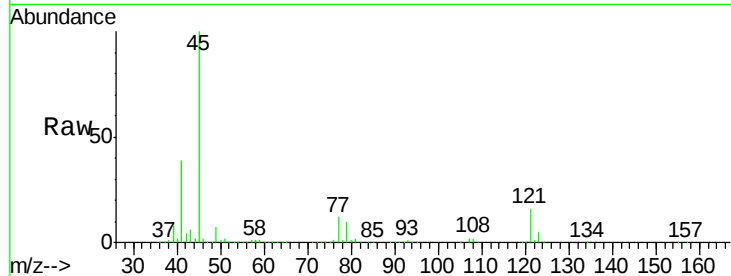




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.03 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

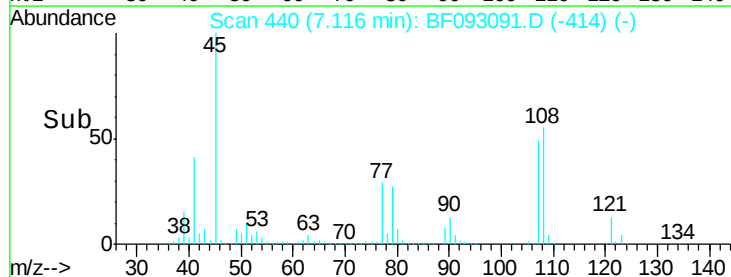
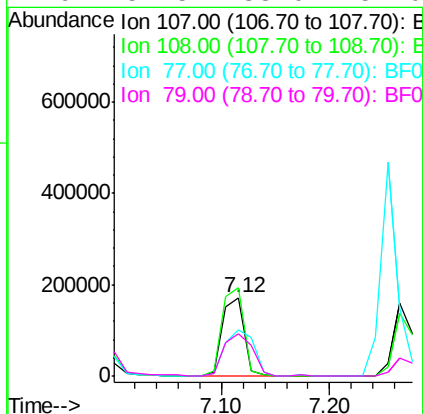
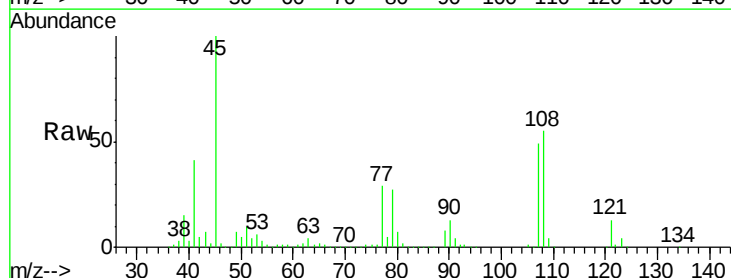
Instrument :
BNA_F
ClientSampleId :
P-5MS

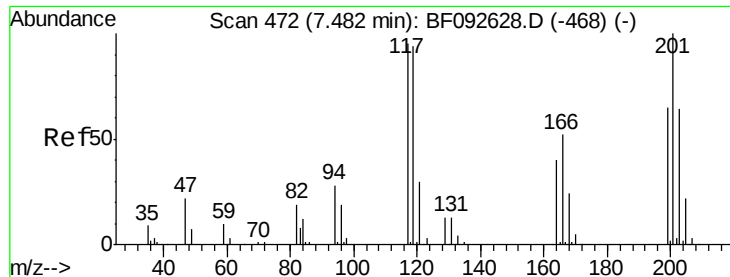
Tgt Ion: 45 Resp: 784899
Ion Ratio Lower Upper
45 100
77 11.9 0.0 34.6
79 9.8 0.0 31.2



#17
2-Methylphenol
Concen: 29.42 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 107 Resp: 237767
Ion Ratio Lower Upper
107 100
108 112.5 93.0 139.6
77 59.4 39.8 59.8
79 54.5 38.0 57.0

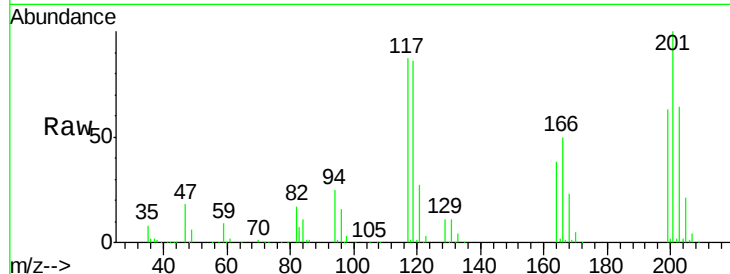




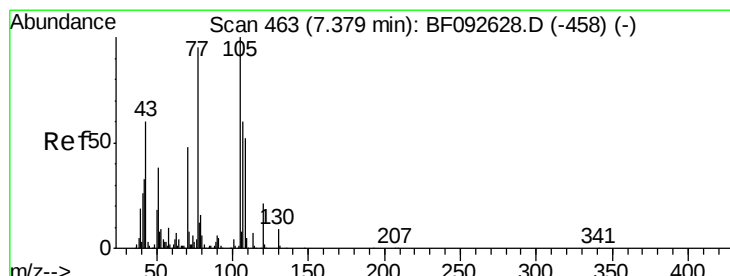
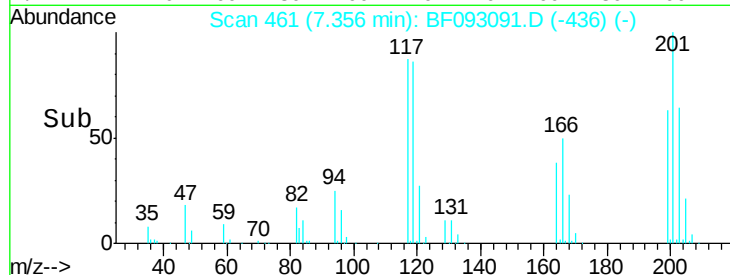
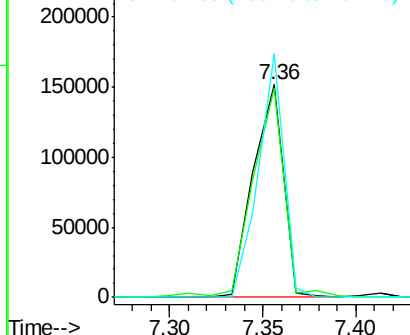
#18
Hexachloroethane
Concen: 44.27 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion: 117 Resp: 168772
Ion Ratio Lower Upper
117 100
119 98.4 78.1 117.1
201 114.6 78.6 117.8

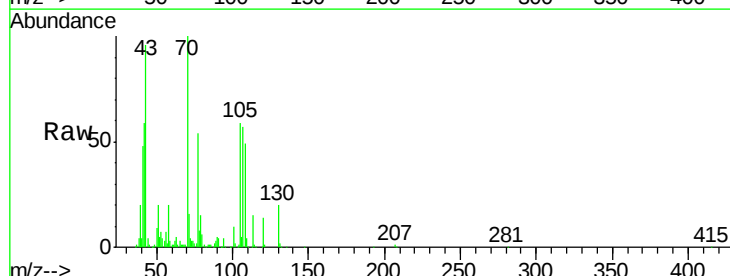


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

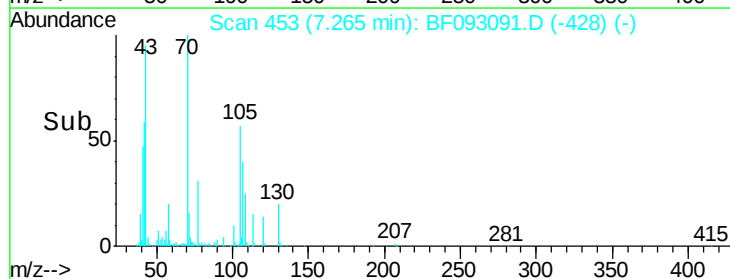
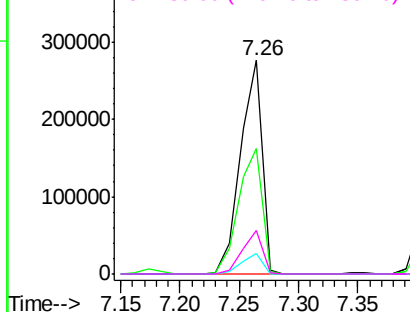


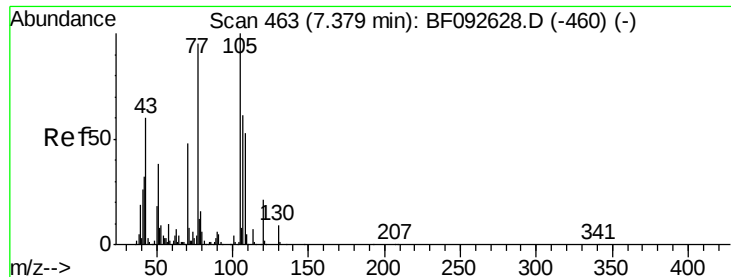
#19
n-Nitroso-di-n-propylamine
Concen: 50.30 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 70 Resp: 351783
Ion Ratio Lower Upper
70 100
42 58.9 49.4 74.0
101 9.6 7.4 11.2
130 20.4 14.2 21.4



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





#20

3+4-Methylphenols

Concen: 21.74 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

Tgt Ion:107 Resp: 210111

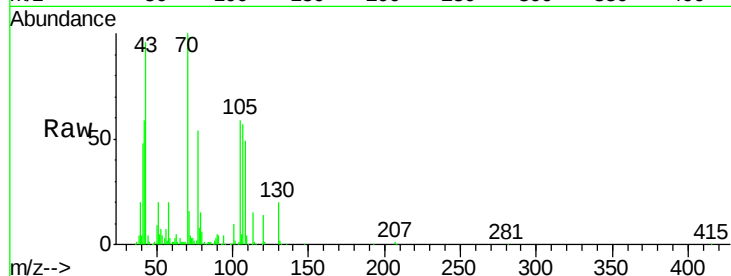
Ion Ratio Lower Upper

107 100

108 86.1 73.0 113.0

77 94.6 71.3 111.3

79 25.3 11.1 51.1

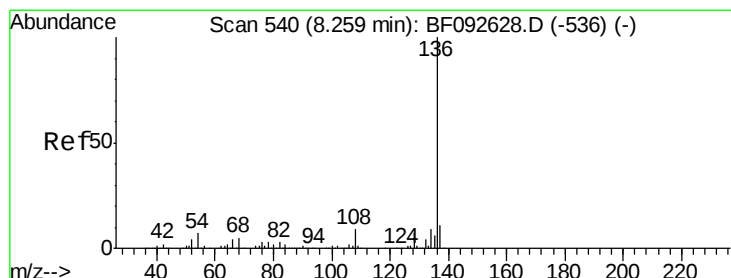
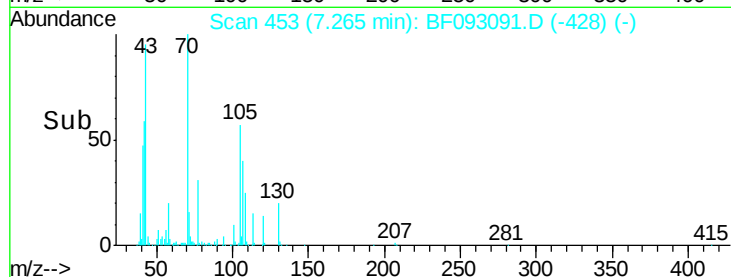
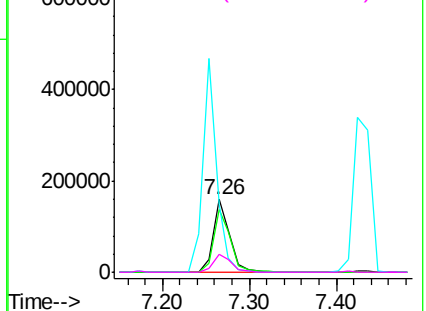


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Tgt Ion:136 Resp: 583414

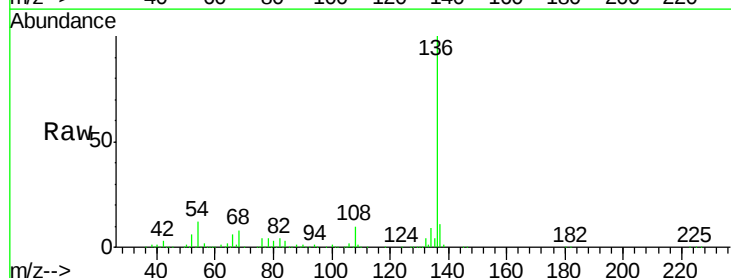
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.7 4.5 6.7#

68 8.1 3.6 5.4#

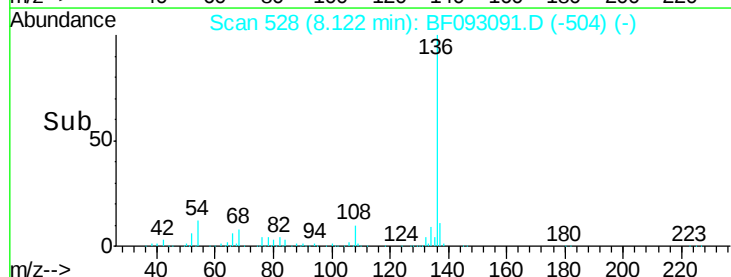
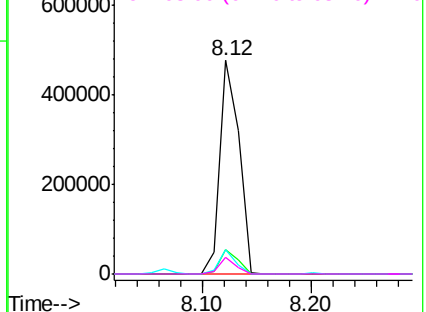


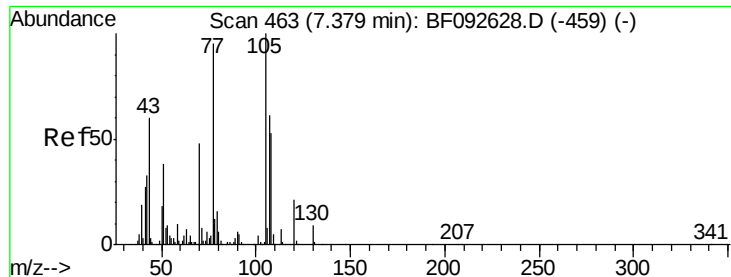
Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.60 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

Tgt Ion: 105 Resp: 580743

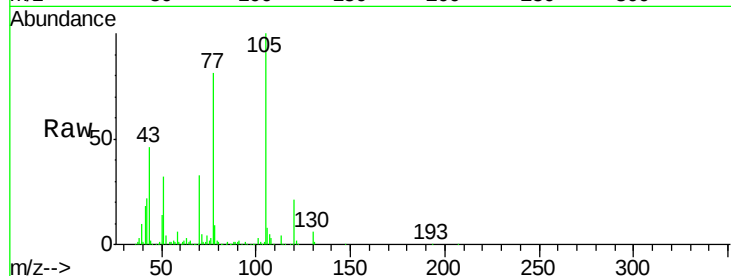
Ion Ratio Lower Upper

105 100

71 5.5 3.2 4.8#

51 32.2 26.2 39.4

120 21.1 16.6 24.8

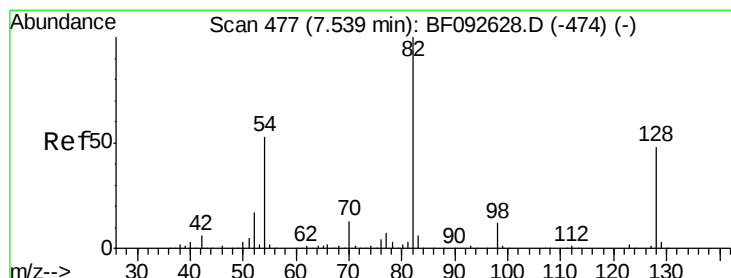
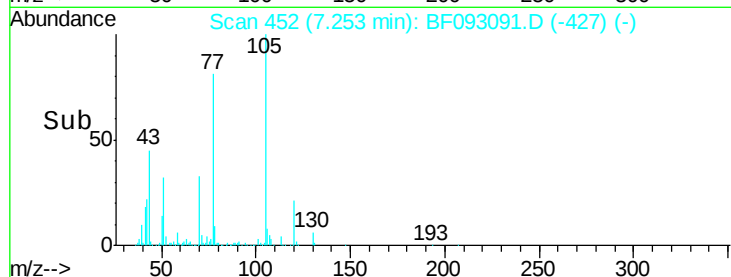
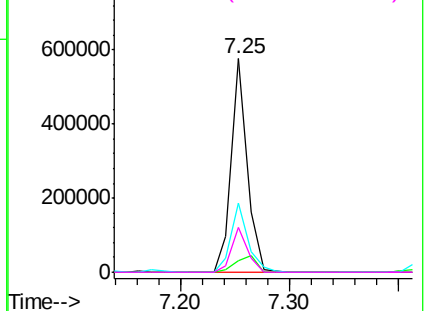


Abundance Ion 105.00 (104.70 to 105.70): E

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: 92.76 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

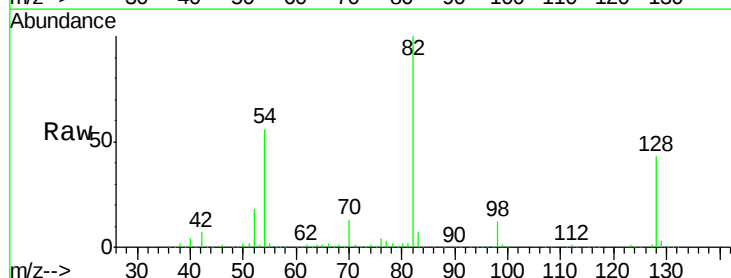
Tgt Ion: 82 Resp: 971808

Ion Ratio Lower Upper

82 100

128 43.3 34.6 52.0

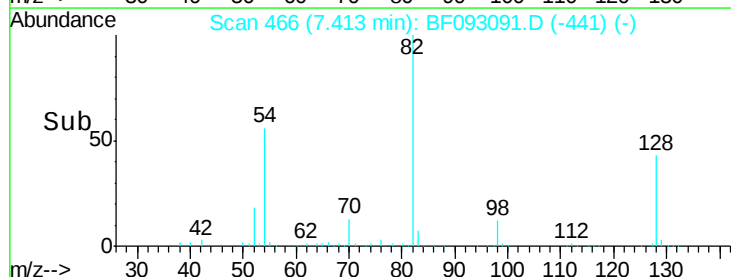
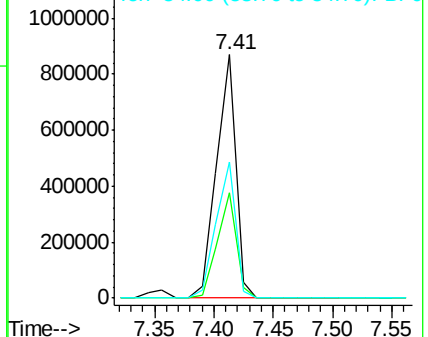
54 56.0 39.5 59.3

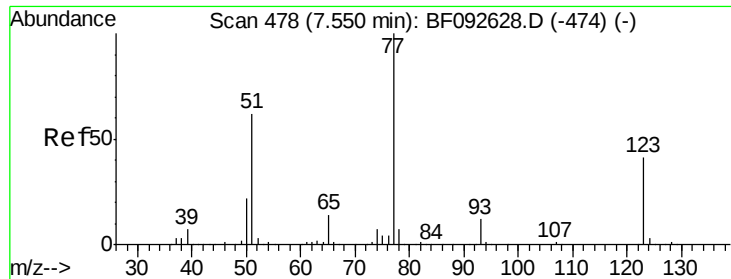


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

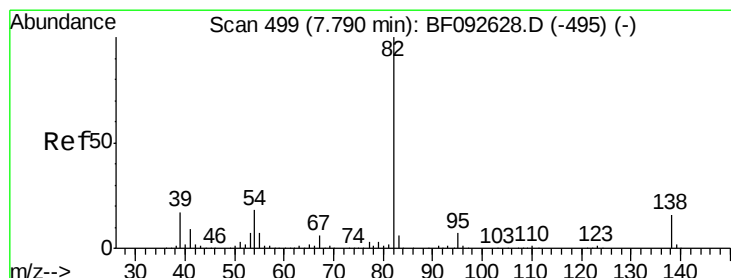
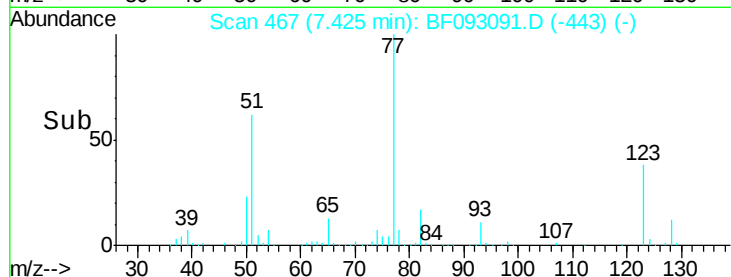
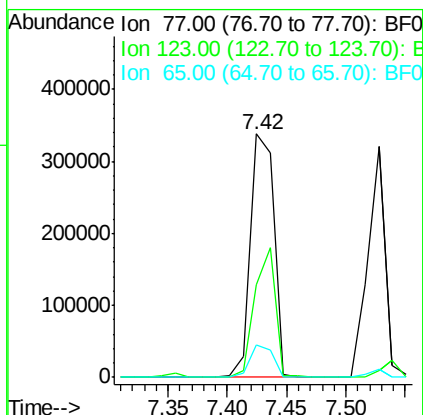
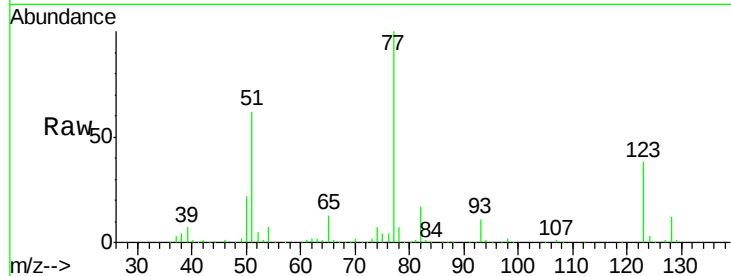




#24
Nitrobenzene
Concen: 43.57 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

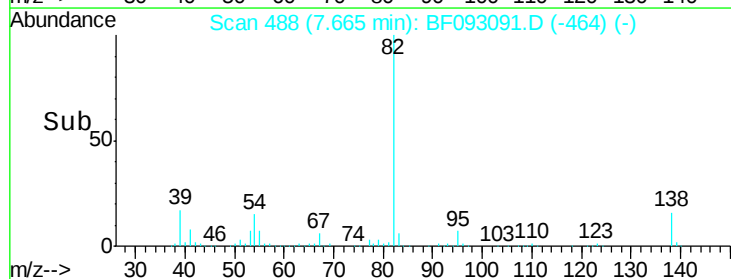
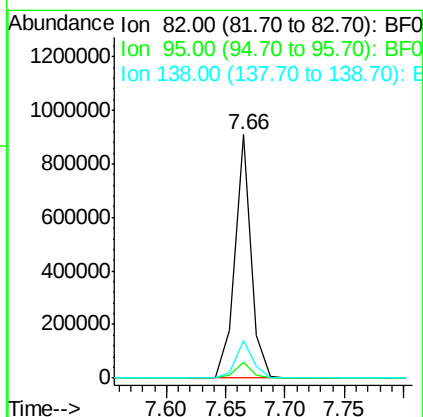
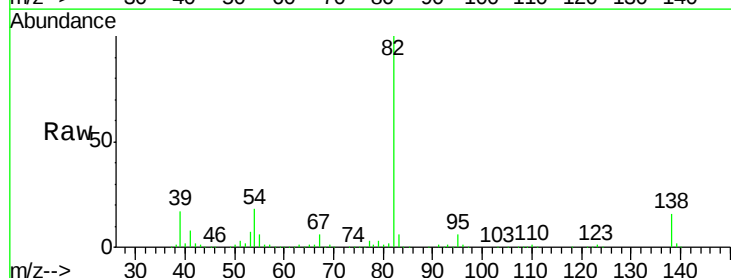
Instrument :
BNA_F
ClientSampleId :
P-5MS

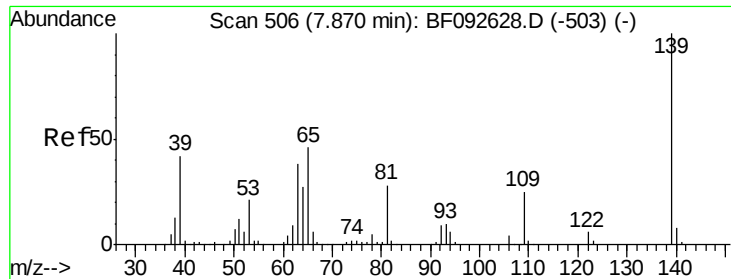
Tgt Ion: 77 Resp: 468733
Ion Ratio Lower Upper
77 100
123 38.3 33.0 49.4
65 13.5 11.2 16.8



#25
Isophorone
Concen: 44.24 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 82 Resp: 863748
Ion Ratio Lower Upper
82 100
95 6.2 5.6 8.4
138 15.6 14.6 22.0

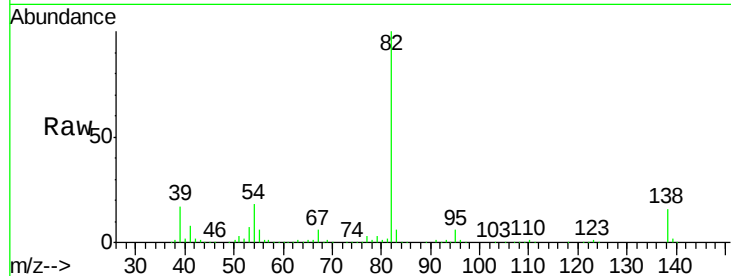




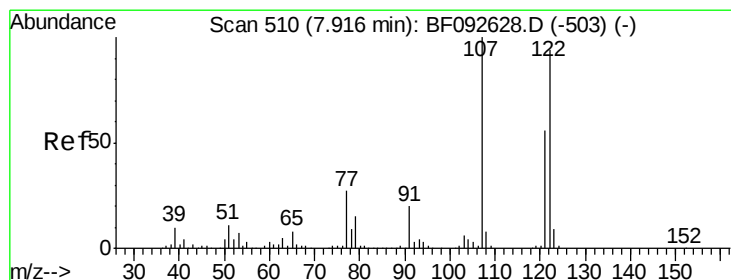
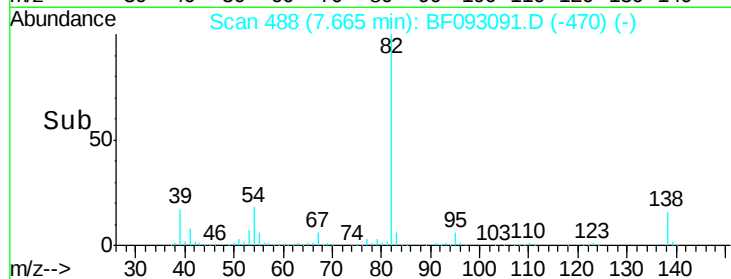
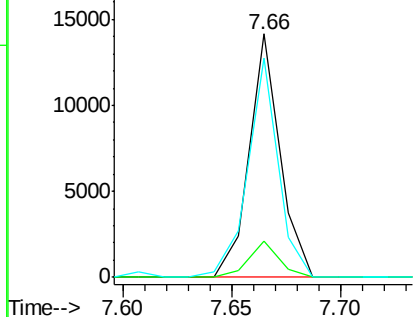
#26
 2-Nitrophenol
 Concen: 2.72 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.09 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 P-5MS

Tgt Ion:139 Resp: 13931
 Ion Ratio Lower Upper
 139 100
 109 15.1 23.3 34.9#
 65 90.1 42.7 64.1#

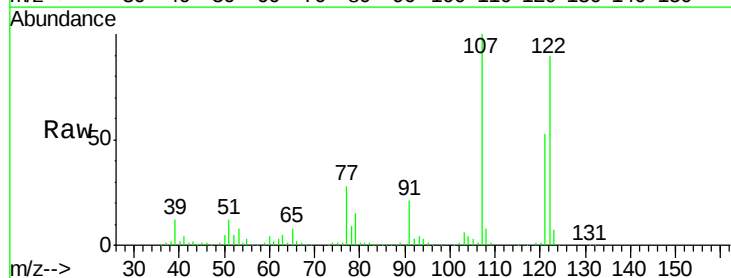


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

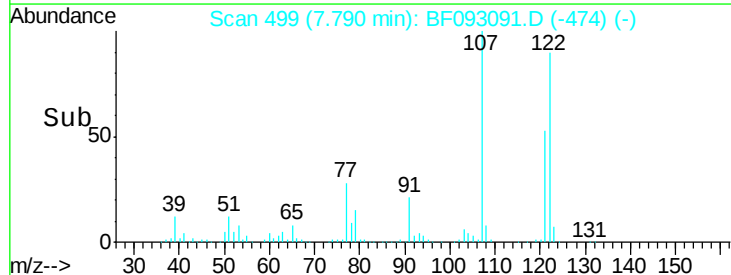
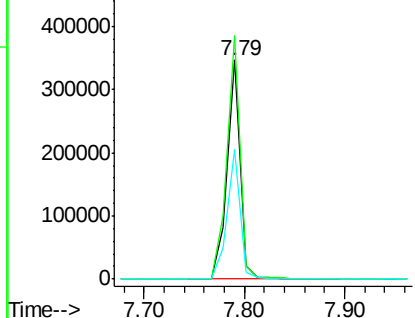


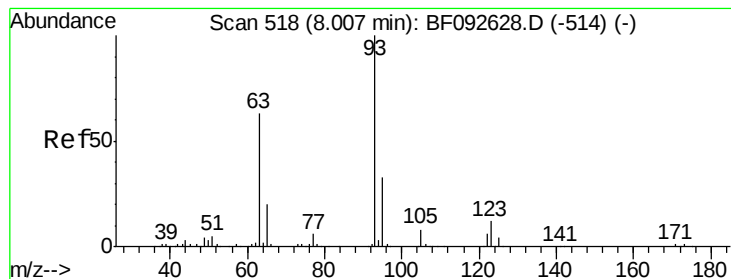
#27
 2,4-Dimethylphenol
 Concen: 35.13 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

Tgt Ion:122 Resp: 315479
 Ion Ratio Lower Upper
 122 100
 107 111.3 94.1 141.1
 121 59.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 45.68 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

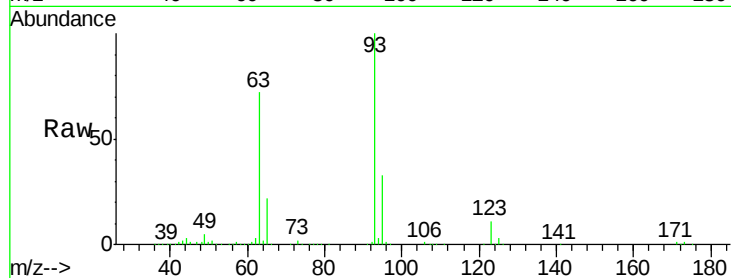
Tgt Ion: 93 Resp: 590582

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

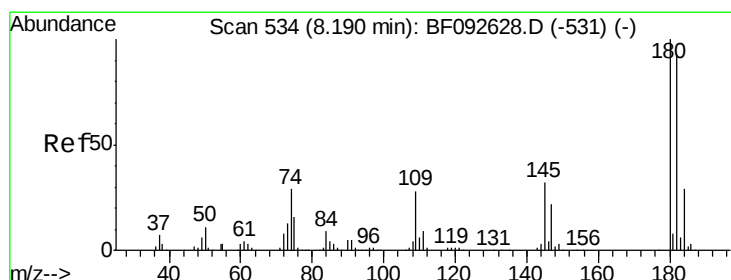
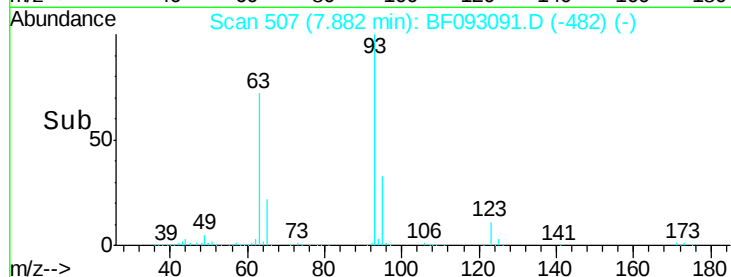
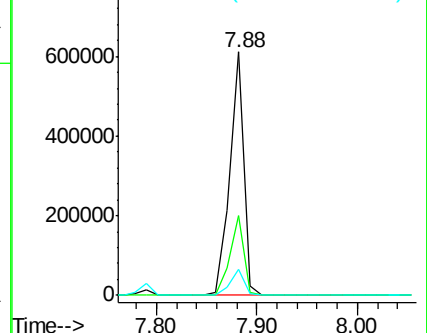
123 10.5 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 43.23 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

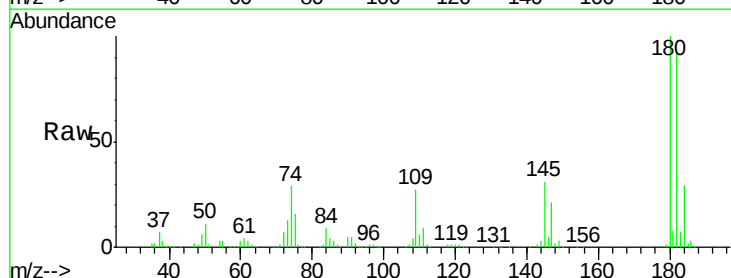
Tgt Ion: 180 Resp: 390209

Ion Ratio Lower Upper

180 100

182 93.0 78.2 117.4

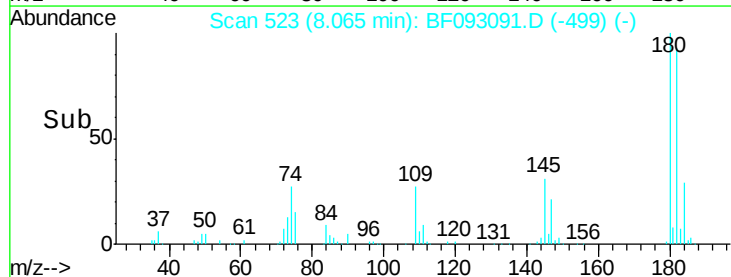
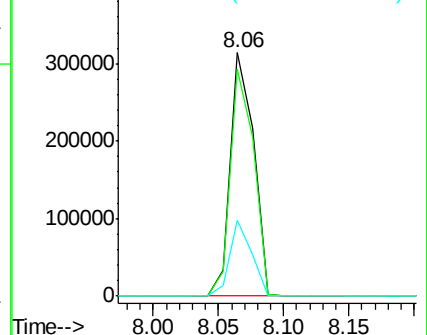
145 31.4 21.6 32.4

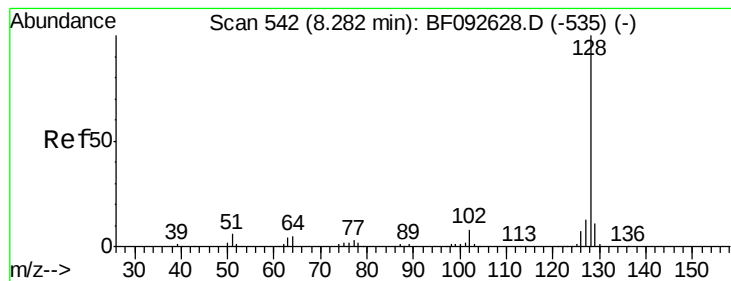


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.65 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

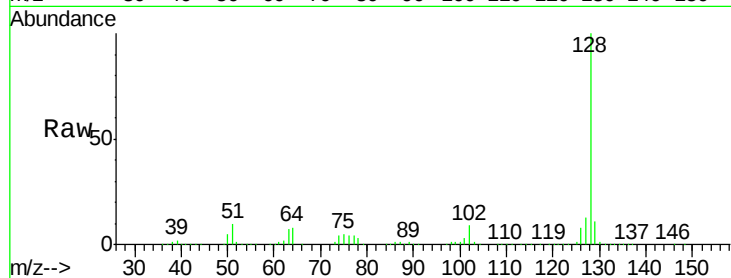
Tgt Ion:128 Resp: 1202313

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

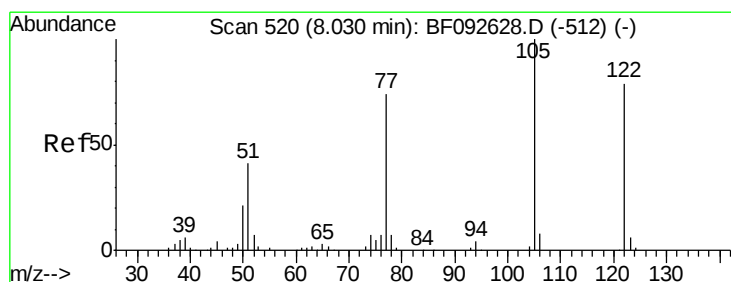
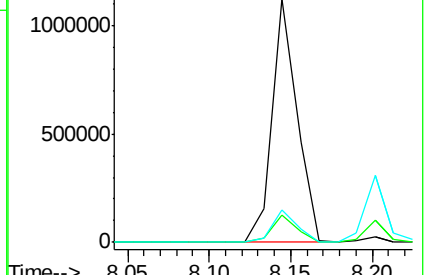
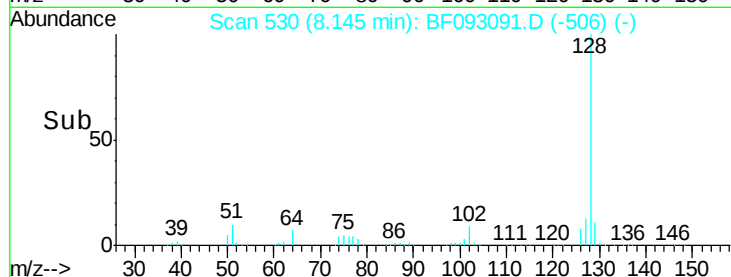
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 59.91 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.14 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

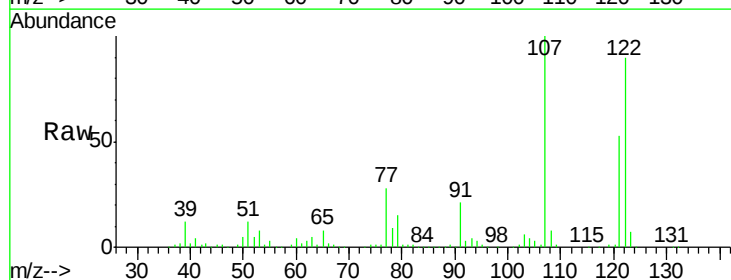
Tgt Ion:122 Resp: 315479

Ion Ratio Lower Upper

122 100

105 3.5 107.2 147.2#

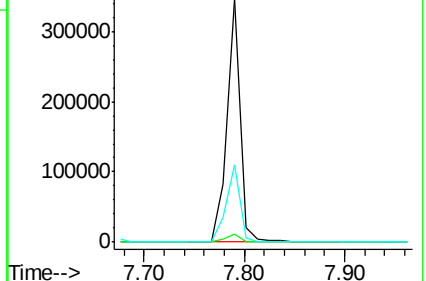
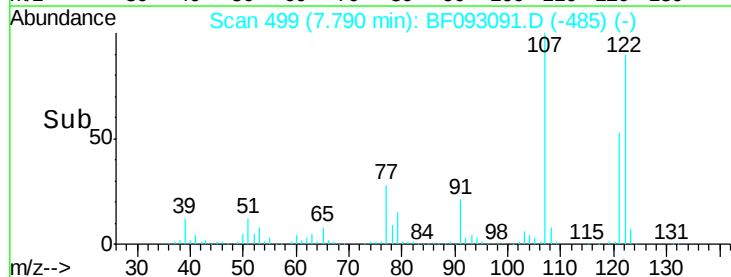
77 31.6 74.5 114.5#

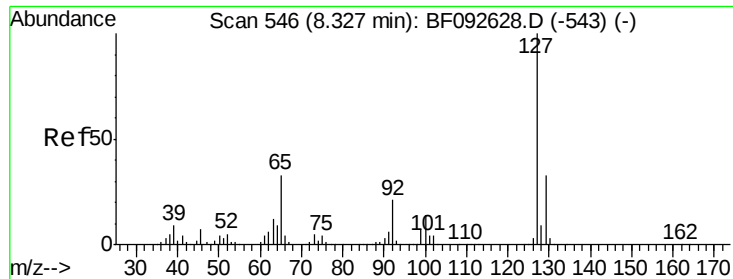


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

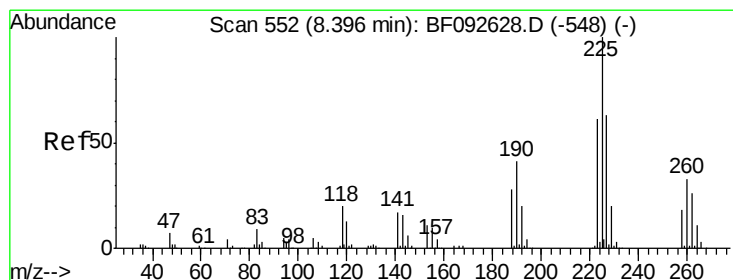
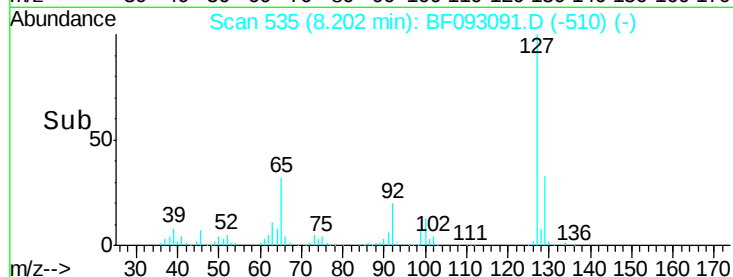
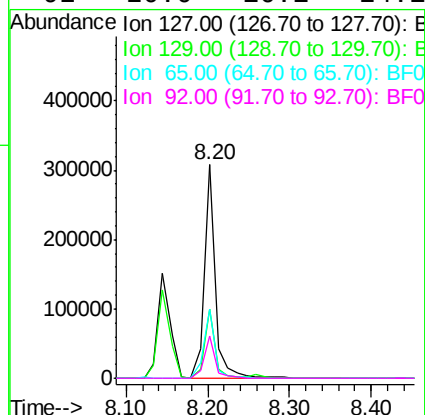
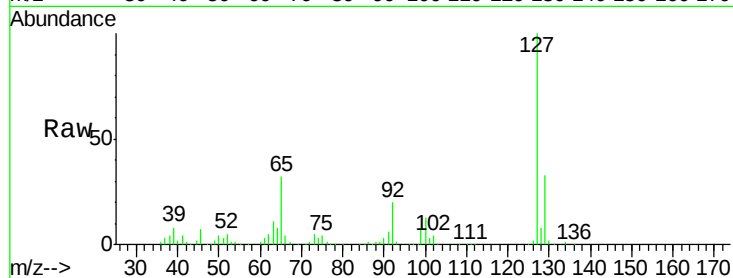




#33
4-Chloroaniline
Concen: 25.38 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

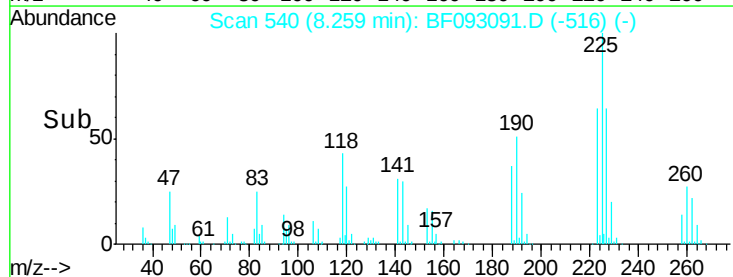
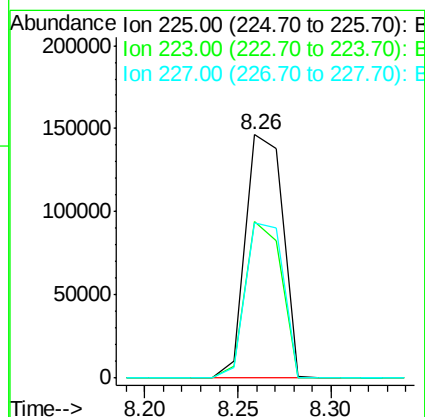
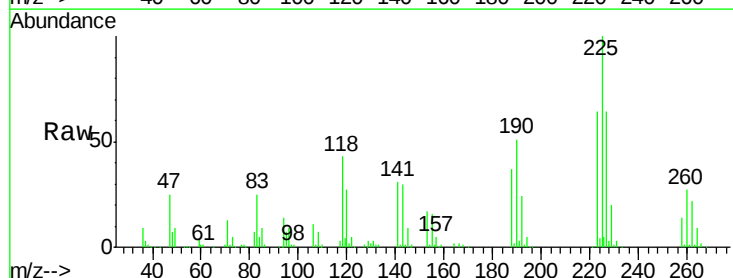
Instrument :
BNA_F
ClientSampleId :
P-5MS

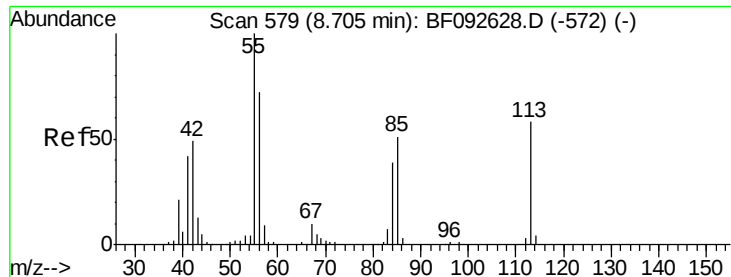
Tgt Ion:	127	Resp:	294326
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	32.2	25.8	38.8
92	20.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.86 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:	225	Resp:	202911
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	63.7	50.6	76.0

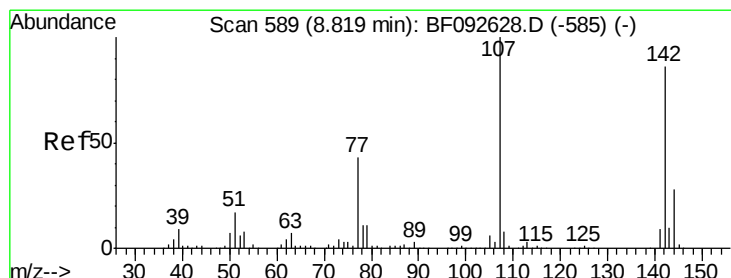
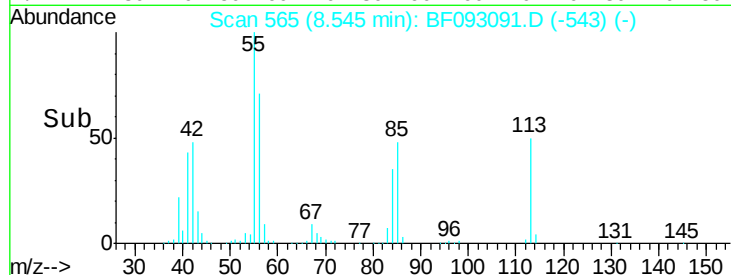
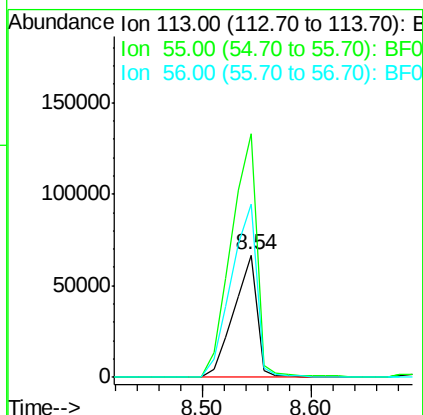
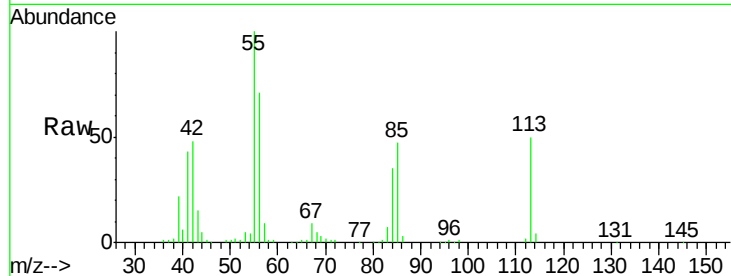




#35
 Caprolactam
 Concen: 37.45 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

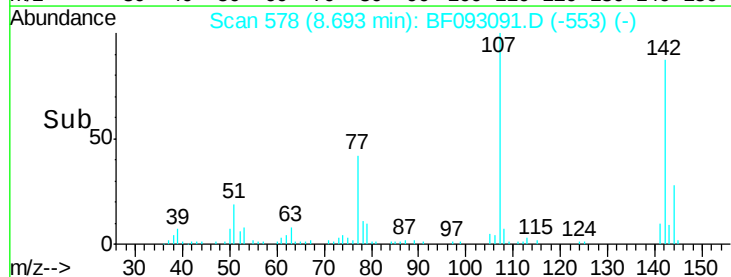
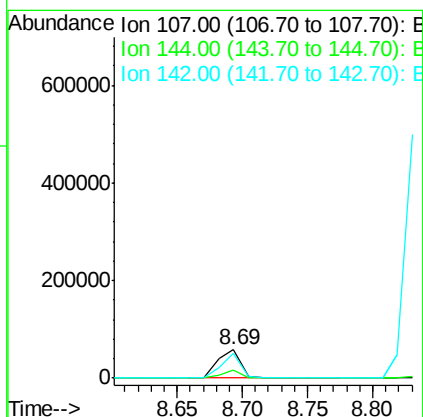
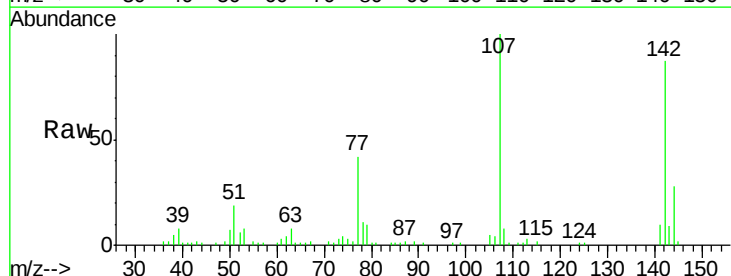
Instrument :
 BNA_F
 ClientSampleId :
 P-5MS

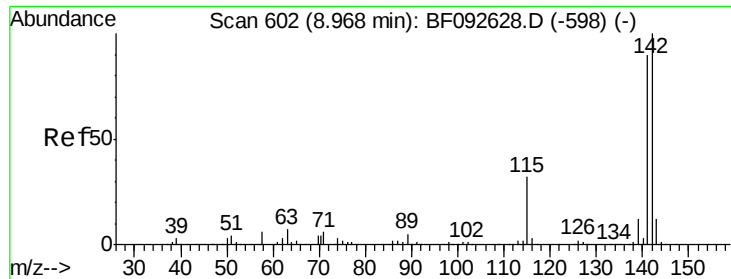
Tgt Ion:113 Resp: 98655
 Ion Ratio Lower Upper
 113 100
 55 199.1 119.2 159.2#
 56 141.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 8.25 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

Tgt Ion:107 Resp: 72080
 Ion Ratio Lower Upper
 107 100
 144 27.7 19.3 28.9
 142 86.9 59.0 88.6

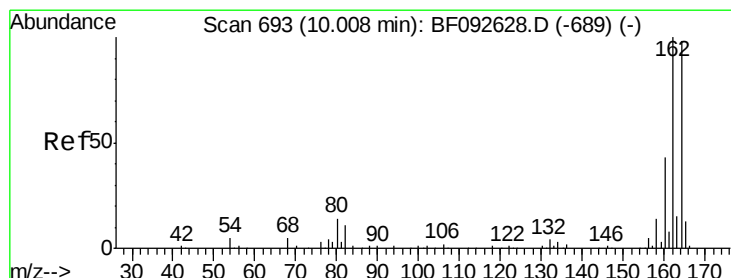
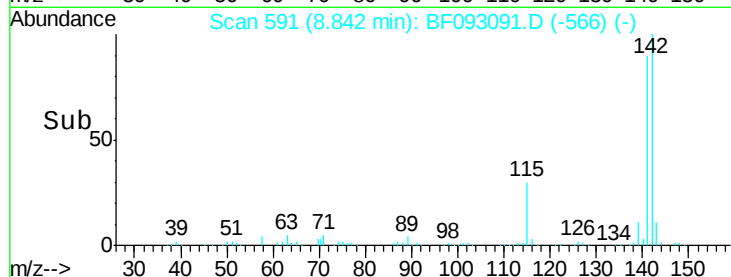
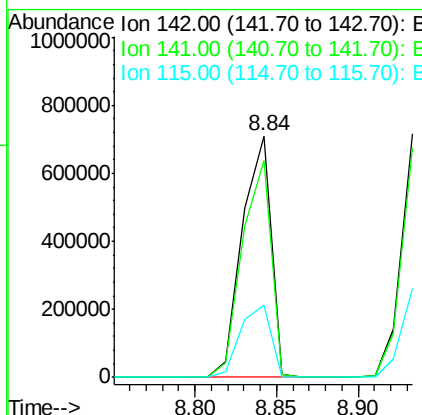
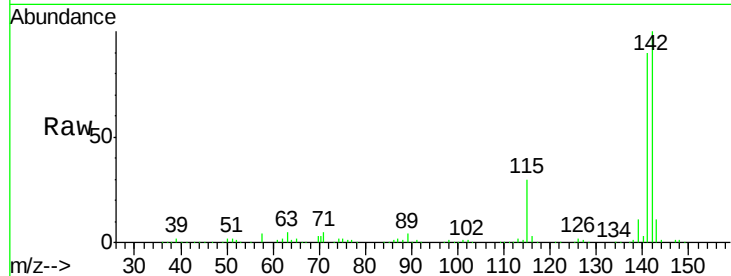




#37
2-Methylnaphthalene
Concen: 45.88 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

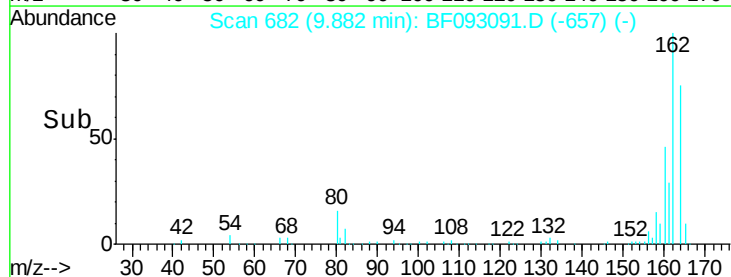
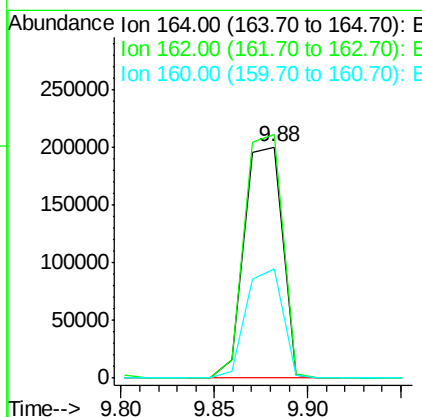
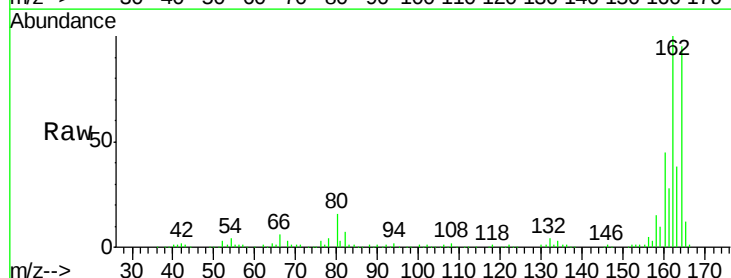
Instrument :
BNA_F
ClientSampleId :
P-5MS

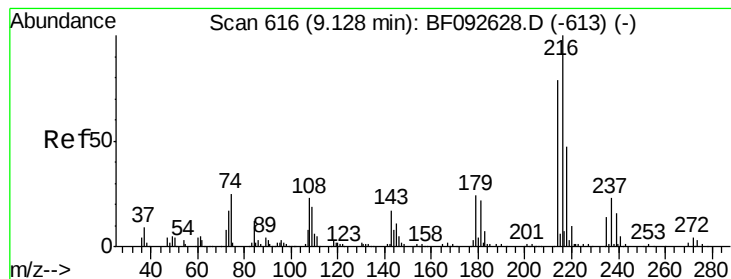
Tgt Ion:142 Resp: 871224
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6
115 29.7 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:164 Resp: 283703
Ion Ratio Lower Upper
164 100
162 105.4 80.2 120.2
160 47.0 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.05 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

Tgt Ion:216 Resp: 358777

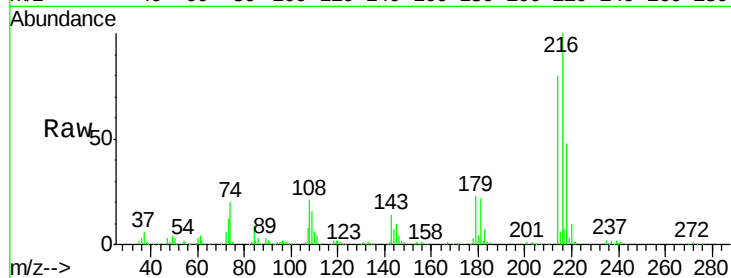
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 21.7 17.4 26.2

108 21.6 15.6 23.4

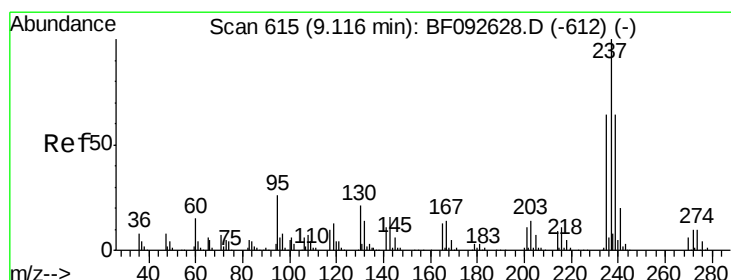
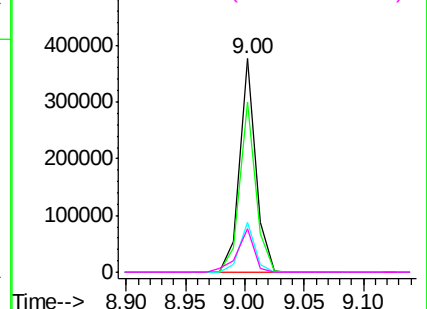
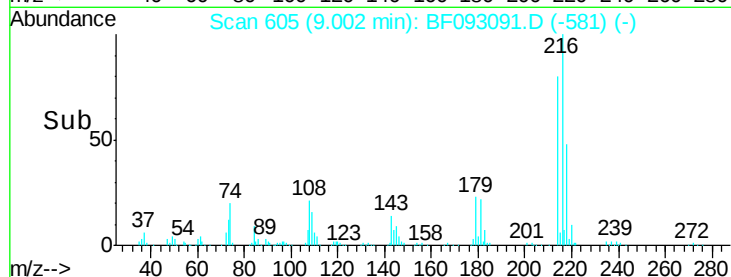


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.75 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

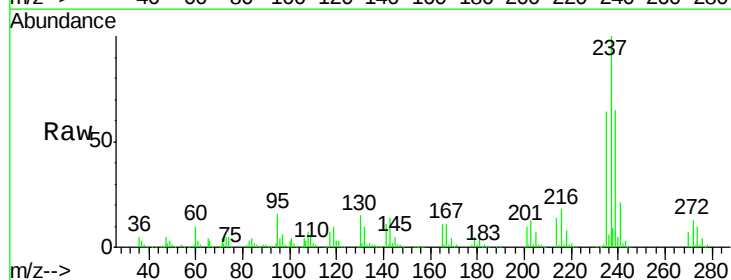
Tgt Ion:237 Resp: 272175

Ion Ratio Lower Upper

237 100

235 63.6 41.2 81.2

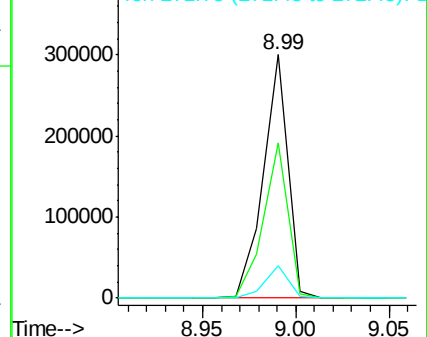
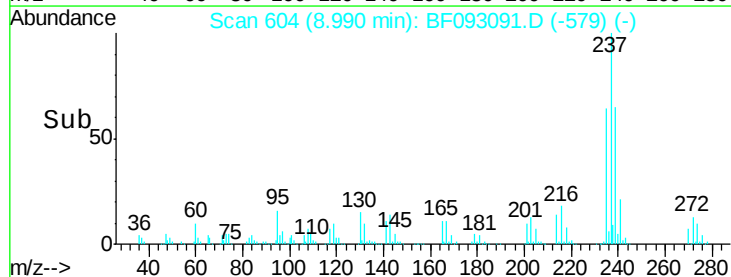
272 13.4 0.0 35.4

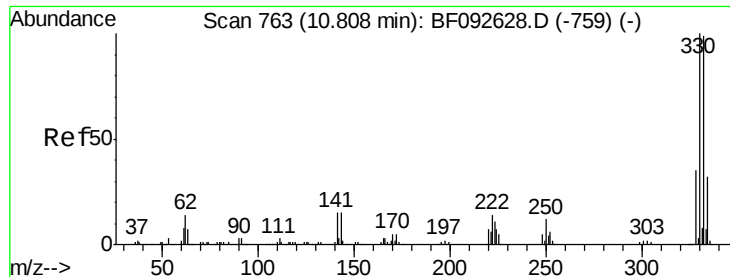


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

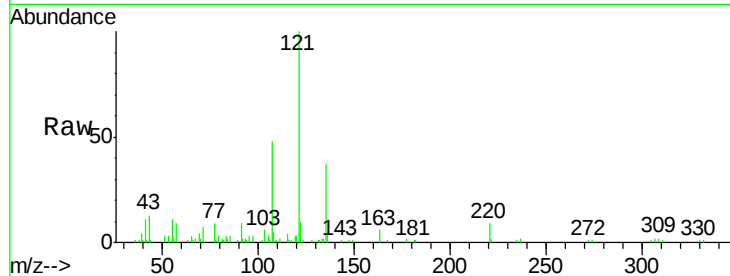




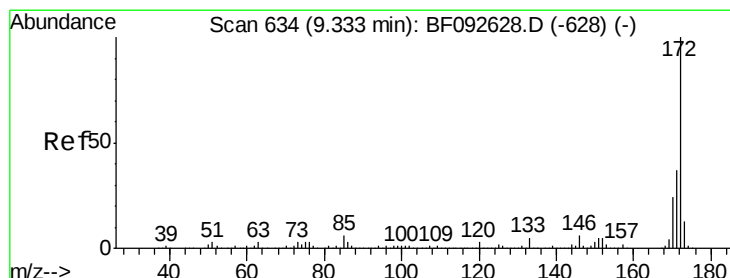
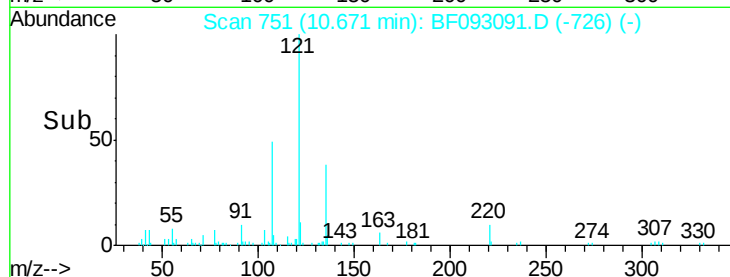
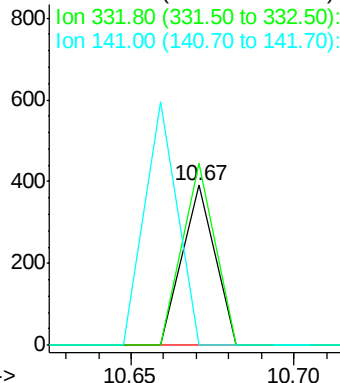
#41
 2,4,6-Tribromophenol
 Concen: 0.13 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 P-5MS

Tgt Ion:330 Resp: 268
 Ion Ratio Lower Upper
 330 100
 332 114.2 77.4 116.2
 141 0.0 34.1 51.1#

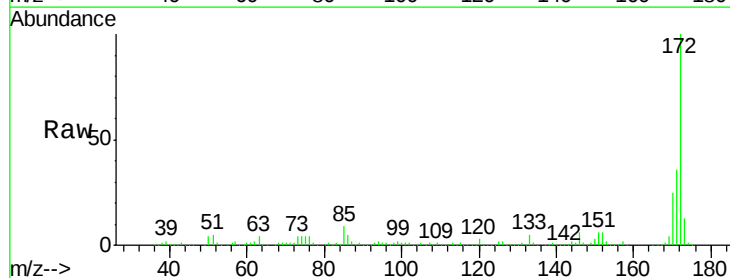


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

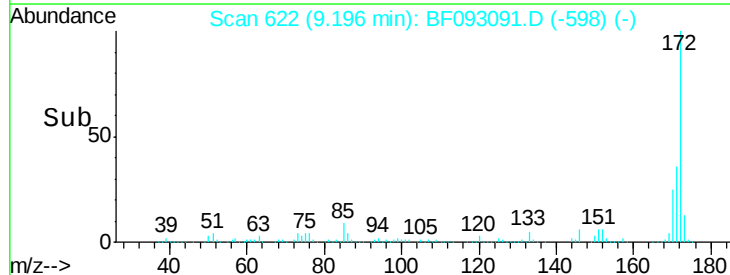
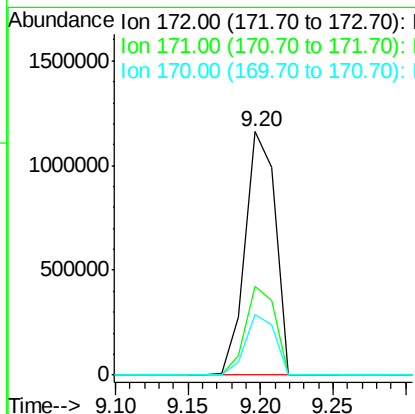


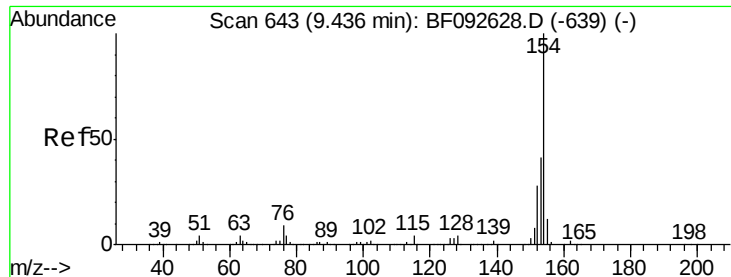
#44
 2-Fluorobiphenyl
 Concen: 107.25 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

Tgt Ion:172 Resp: 1679496
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.8 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 45.84 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampled :

P-5MS

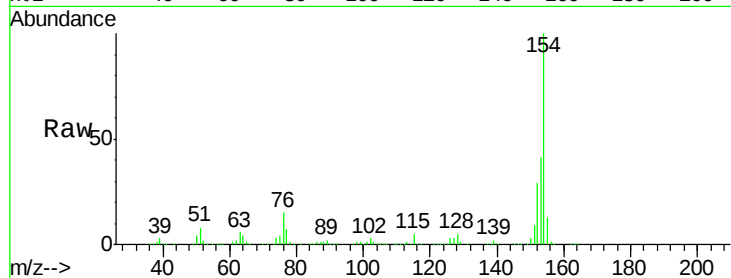
Tgt Ion:154 Resp: 941626

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

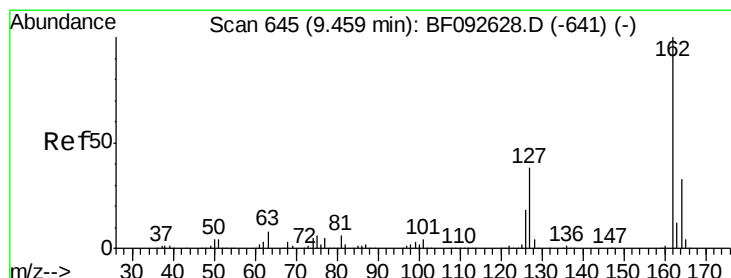
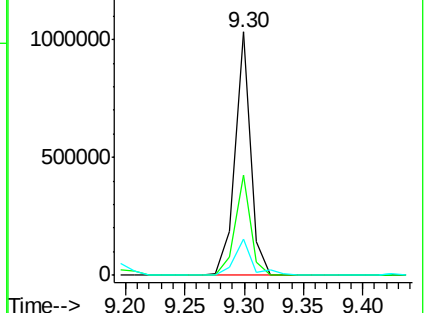
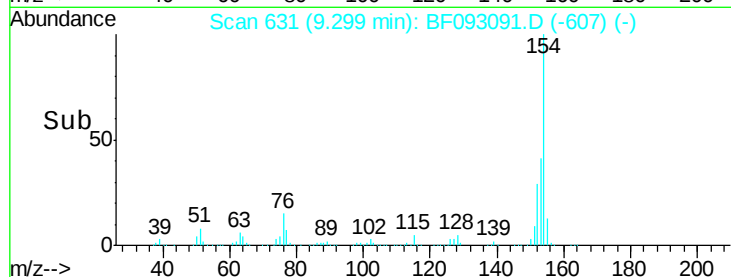
76 15.1 0.0 30.5



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: 47.90 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

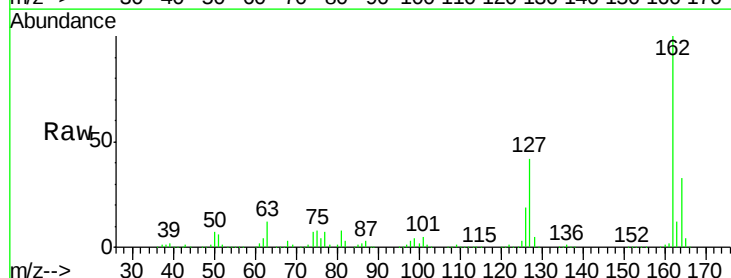
Tgt Ion:162 Resp: 769817

Ion Ratio Lower Upper

162 100

127 41.6 30.7 46.1

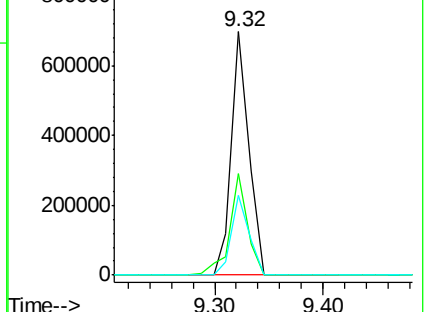
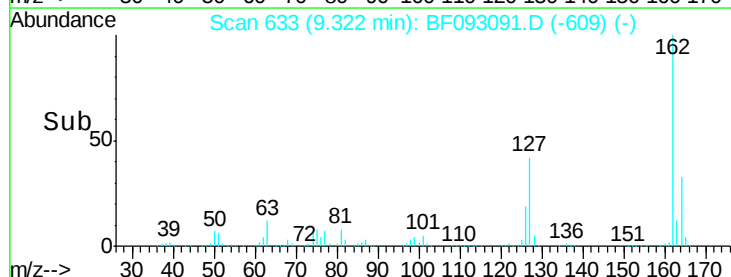
164 32.6 27.6 41.4

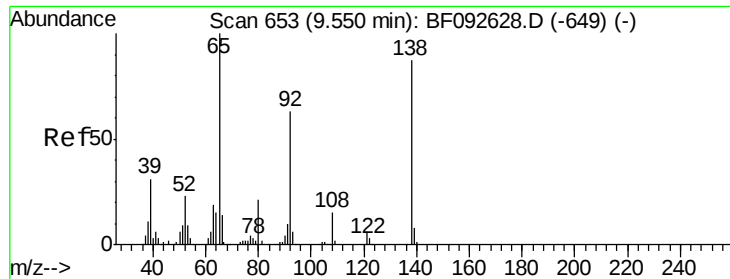


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.97 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

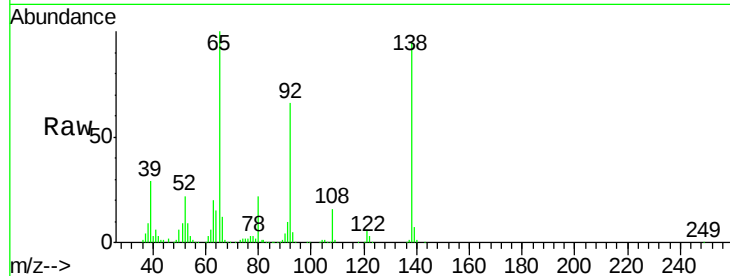
Tgt Ion: 65 Resp: 253810

Ion Ratio Lower Upper

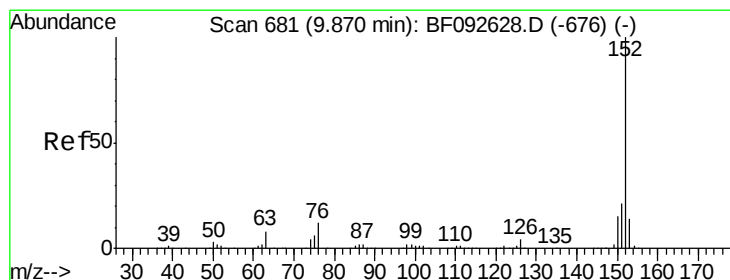
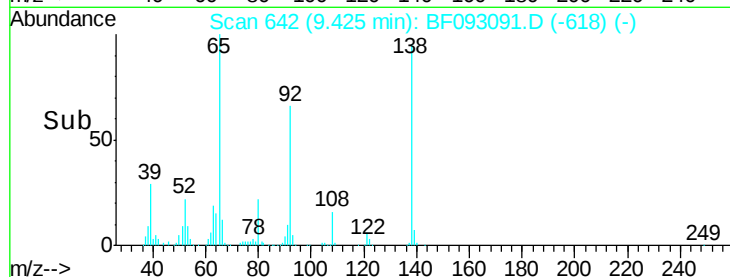
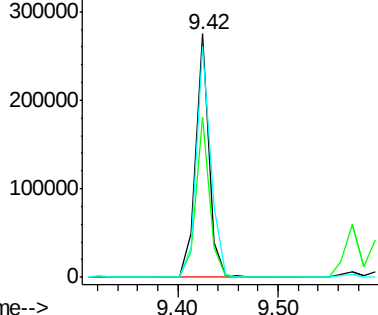
65 100

92 65.8 53.9 80.9

138 94.6 76.8 115.2



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



#48

Acenaphthylene

Concen: 45.34 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

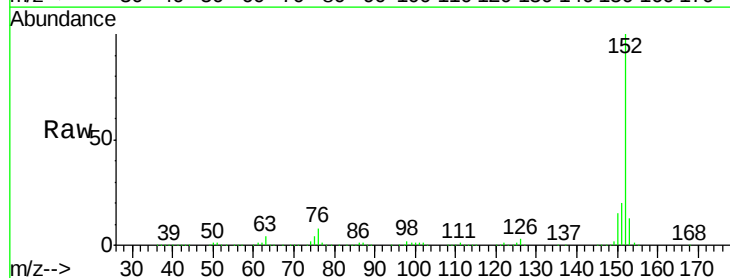
Tgt Ion: 152 Resp: 1258609

Ion Ratio Lower Upper

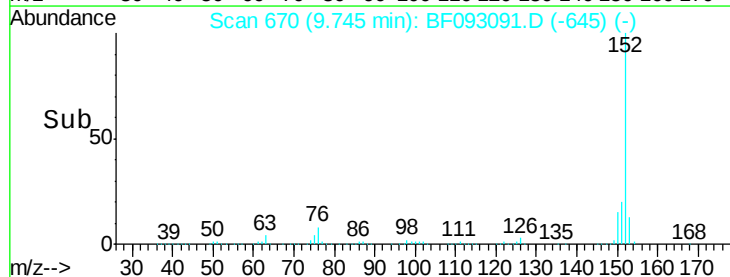
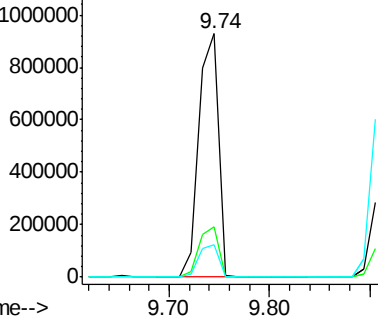
152 100

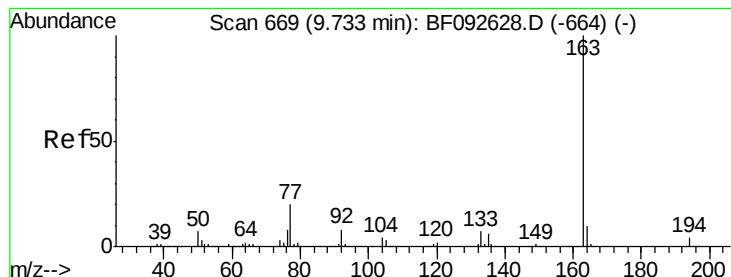
151 20.5 16.9 25.3

153 13.3 11.4 17.2



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





#49

Dimethylphthalate

Concen: 60.53 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

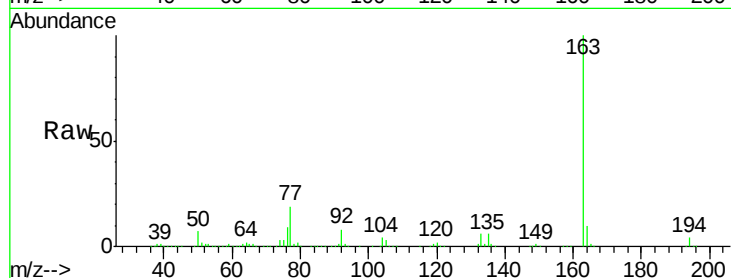
Tgt Ion:163 Resp: 1156684

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

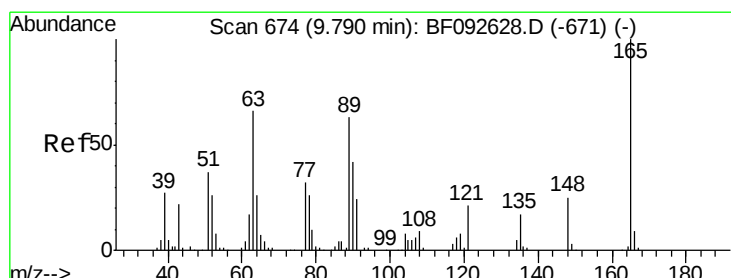
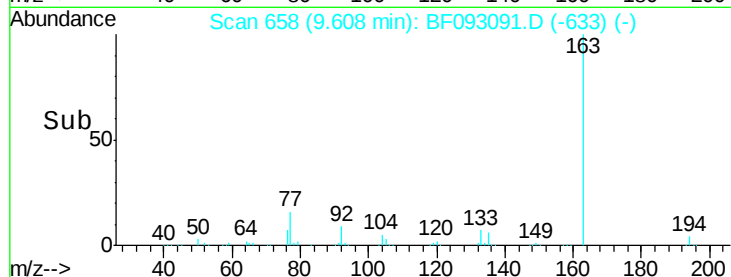
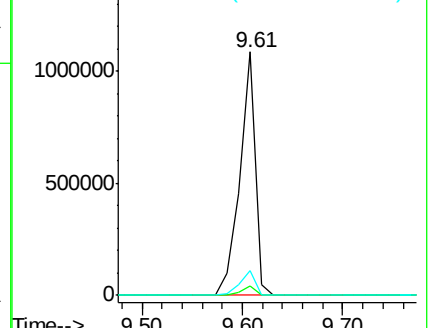
164 10.1 8.0 12.0



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: 48.28 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

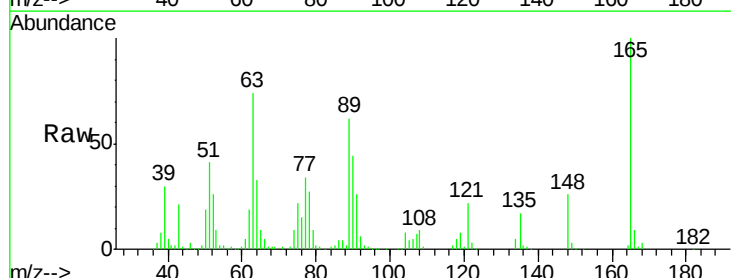
Tgt Ion:165 Resp: 199247

Ion Ratio Lower Upper

165 100

63 74.1 36.2 54.4#

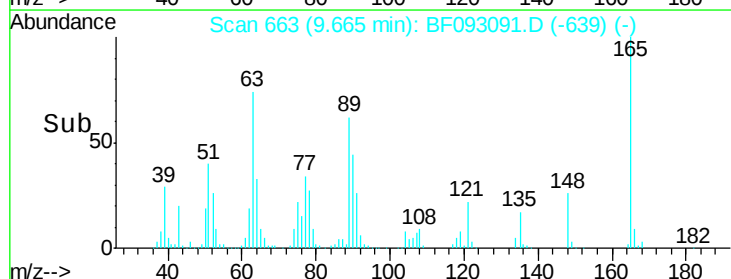
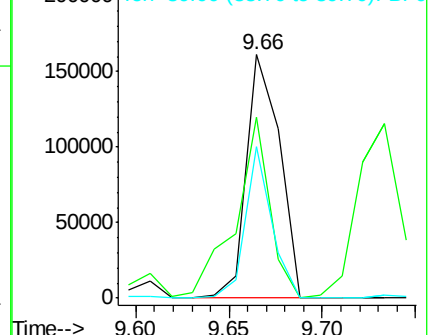
89 62.1 40.2 60.4#

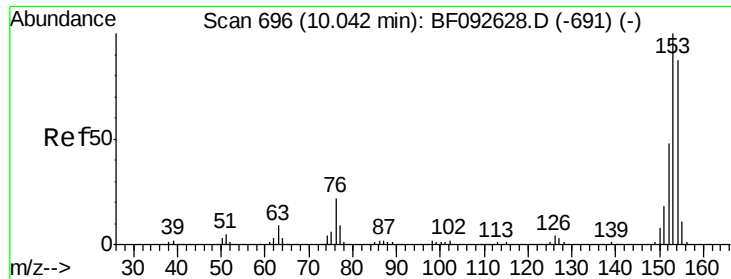


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.57 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

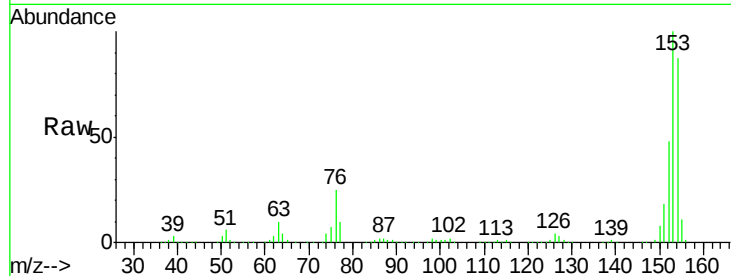
Tgt Ion:154 Resp: 723239

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

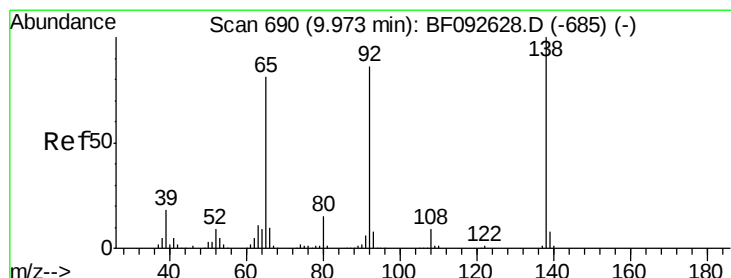
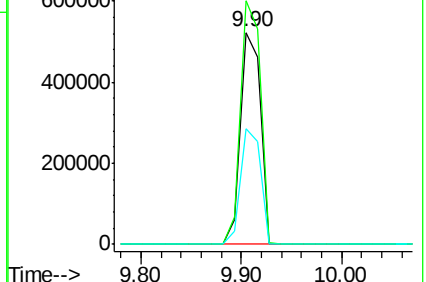
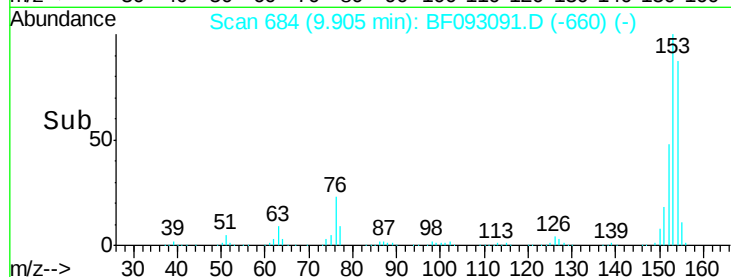
152 54.8 41.6 62.4



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: 38.66 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

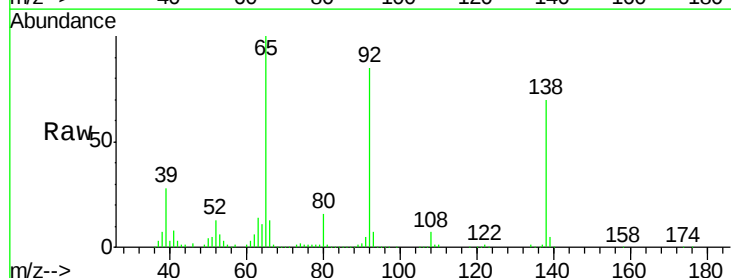
Tgt Ion:138 Resp: 182586

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

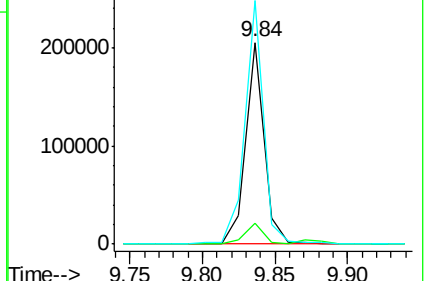
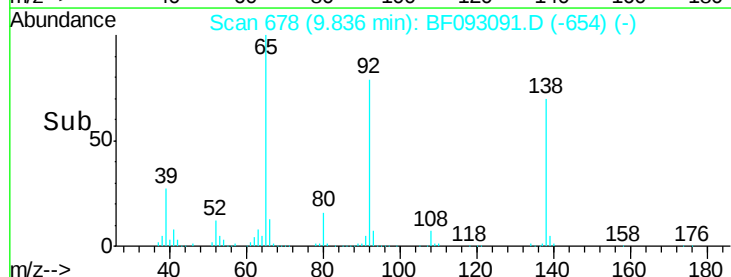
92 120.6 97.8 146.8

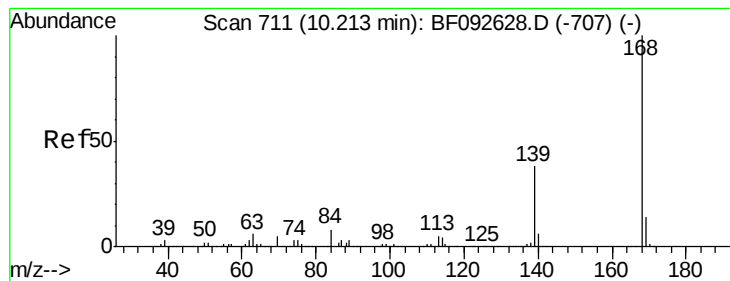


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 48.00 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampled :

P-5MS

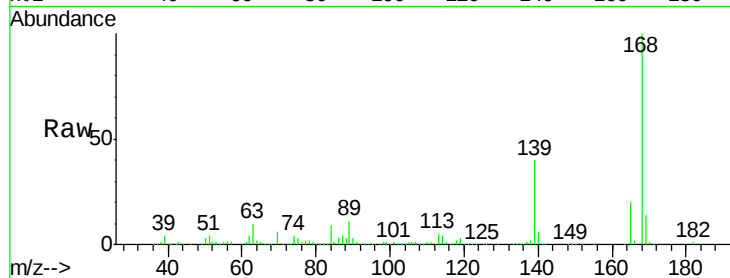
Tgt Ion:168 Resp: 1065553

Ion Ratio Lower Upper

168 100

139 39.8 32.6 49.0

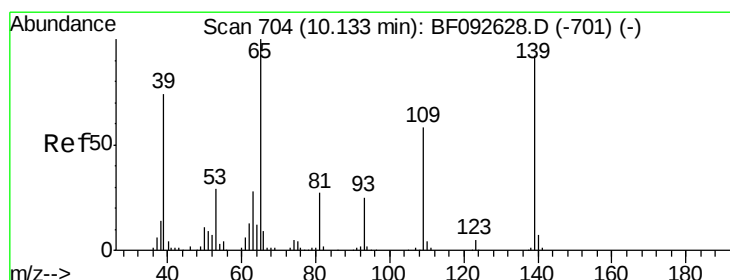
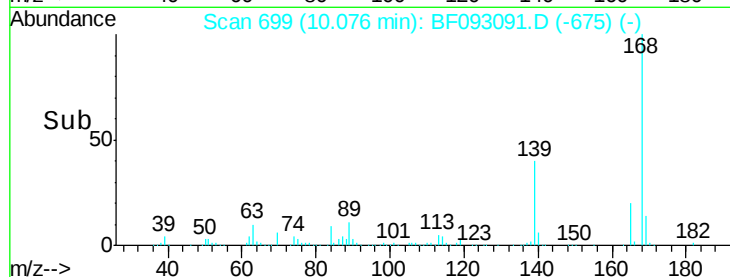
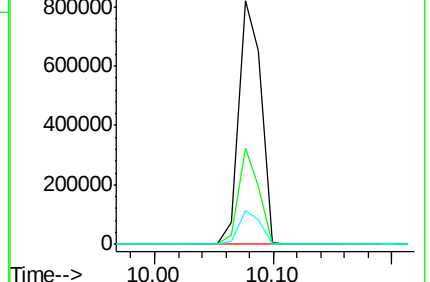
169 13.8 11.3 16.9



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: 112.23 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.06 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

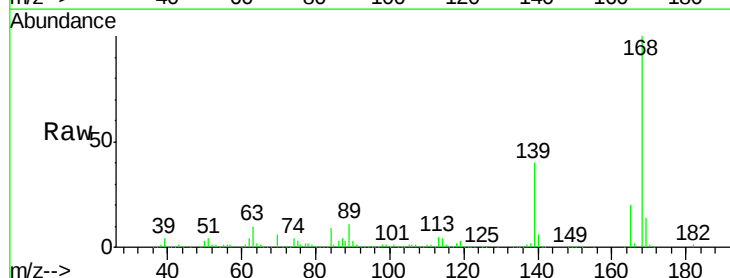
Tgt Ion:139 Resp: 381742

Ion Ratio Lower Upper

139 100

109 0.9 52.2 92.2#

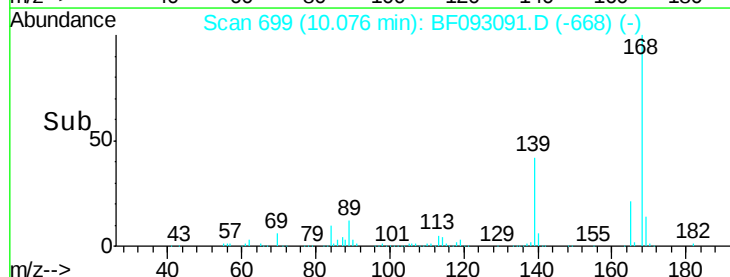
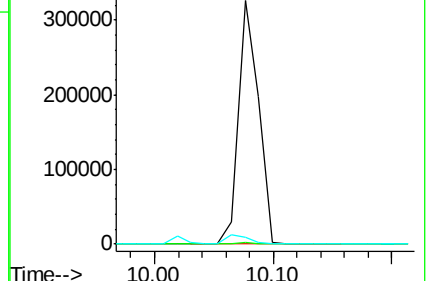
65 3.0 85.8 125.8#

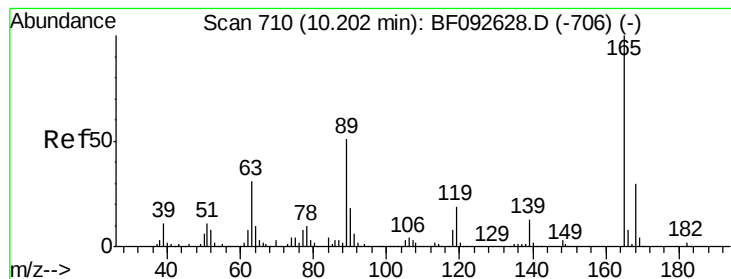


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

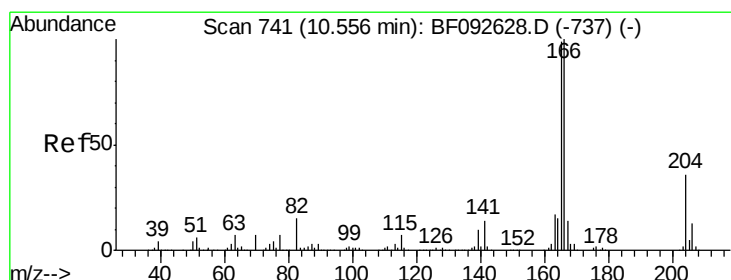
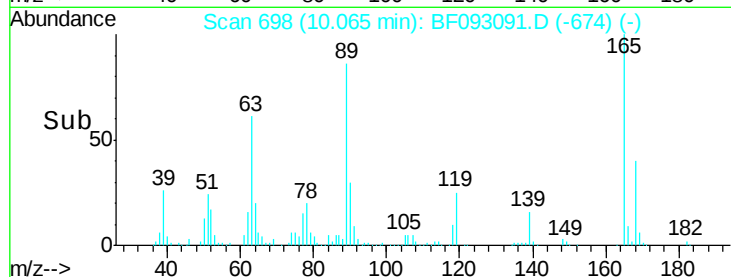
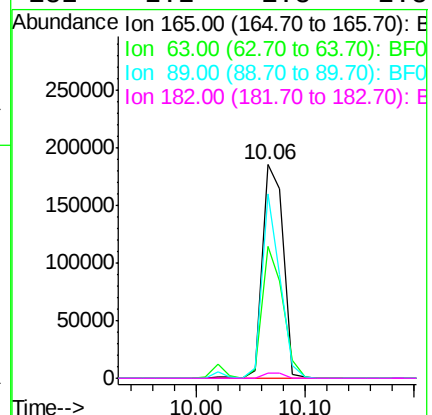
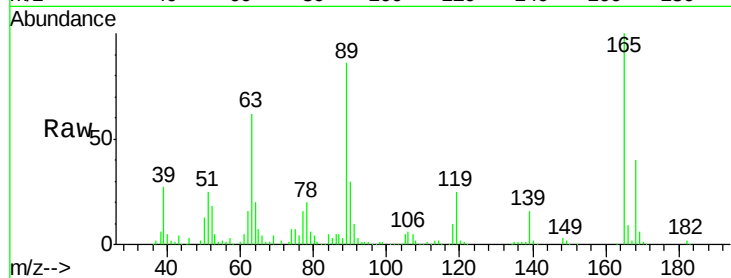




#56
2,4-Dinitrotoluene
Concen: 45.42 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

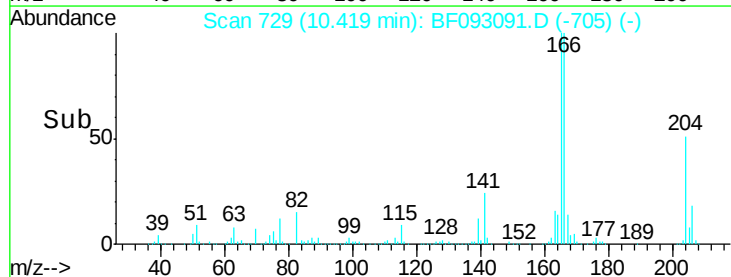
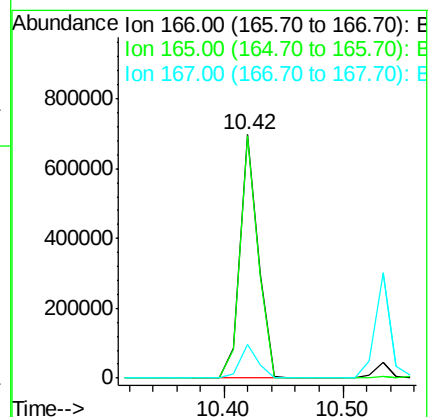
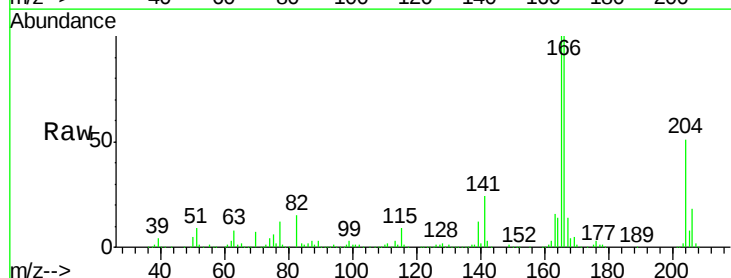
Instrument :
BNA_F
ClientSampleId :
P-5MS

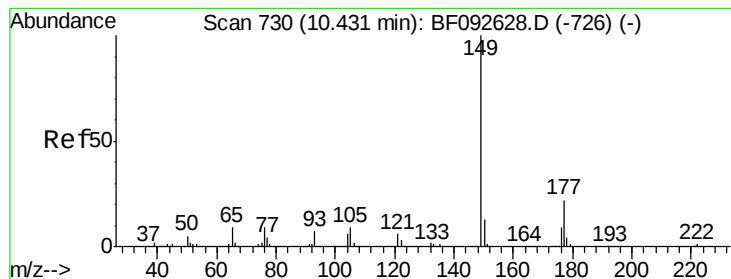
Tgt Ion:165 Resp: 249536
Ion Ratio Lower Upper
165 100
63 61.5 40.2 60.4#
89 86.5 62.5 93.7
182 2.2 1.8 2.8



#57
Fluorene
Concen: 43.73 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:166 Resp: 746939
Ion Ratio Lower Upper
166 100
165 99.8 77.8 116.8
167 14.0 10.8 16.2





#59

Diethylphthalate

Concen: 45.79 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

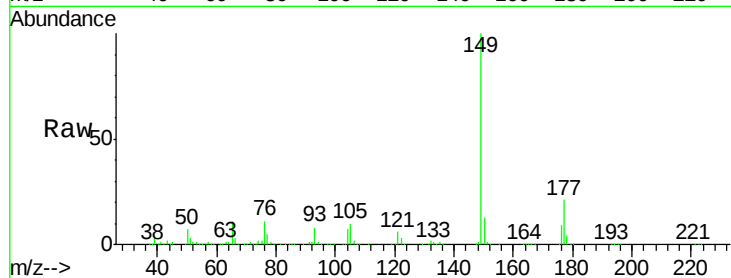
Tgt Ion:149 Resp: 824530

Ion Ratio Lower Upper

149 100

177 20.9 16.6 25.0

150 13.0 10.4 15.6

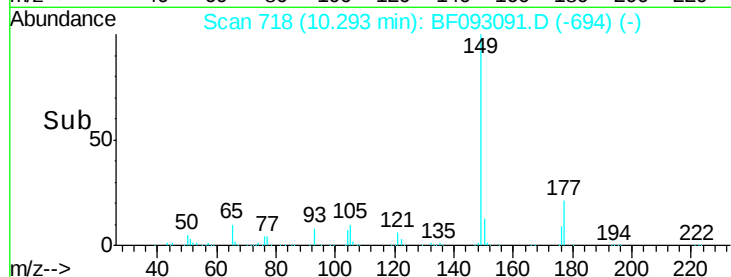


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



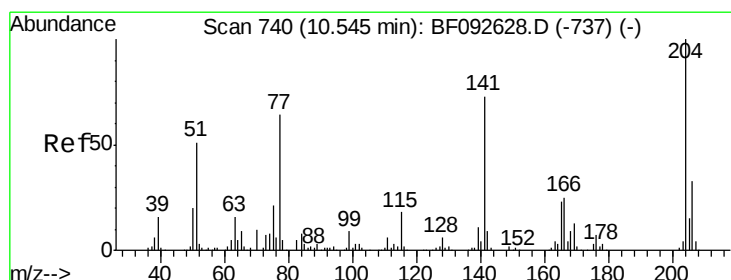
Abundance

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

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 47.48 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

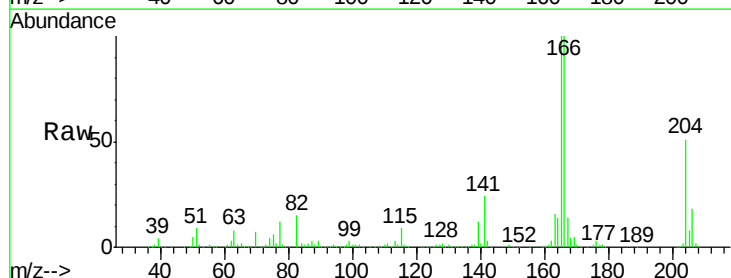
Tgt Ion:204 Resp: 389555

Ion Ratio Lower Upper

204 100

206 35.2 25.8 38.6

141 45.9 59.4 89.0#

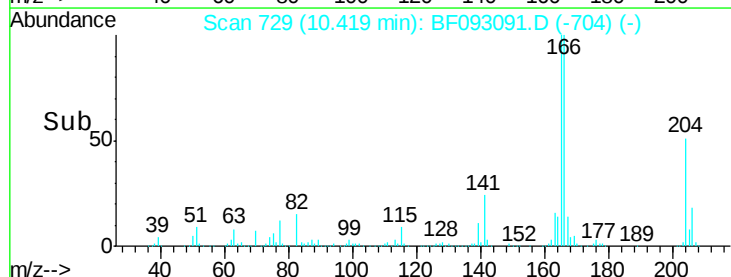


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



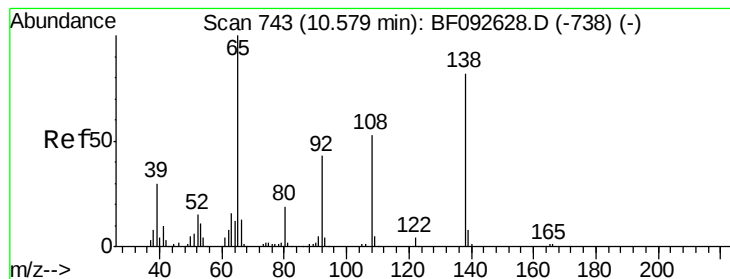
Abundance

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

Time-->



#61

4-Nitroaniline

Concen: 50.98 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

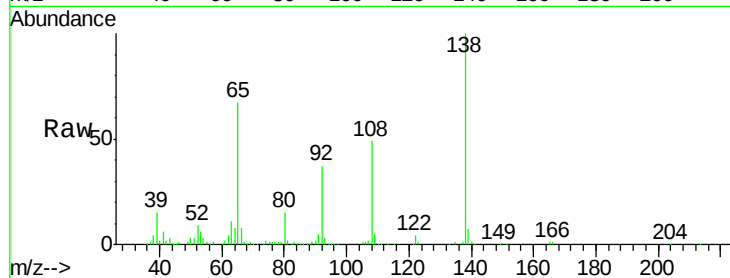
Tgt Ion:138 Resp: 246600

Ion Ratio Lower Upper

138 100

92 37.1 31.7 71.7

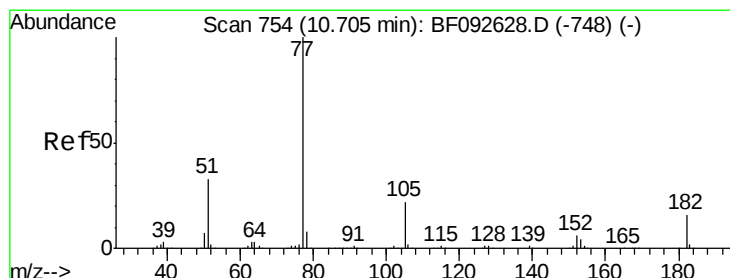
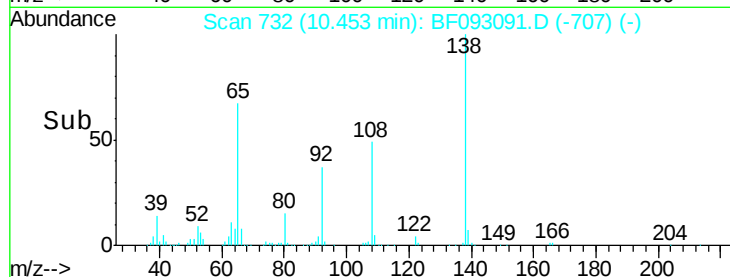
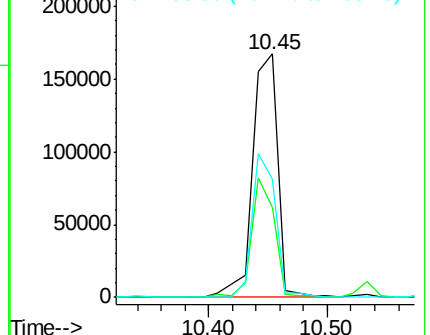
108 48.8 52.6 92.6#



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: 53.58 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Tgt Ion: 77 Resp: 996810

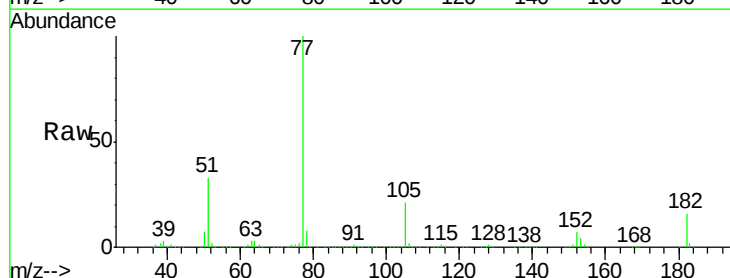
Ion Ratio Lower Upper

77 100

182 15.8 0.0 39.3

105 21.4 2.3 42.3

51 32.6 8.9 48.9

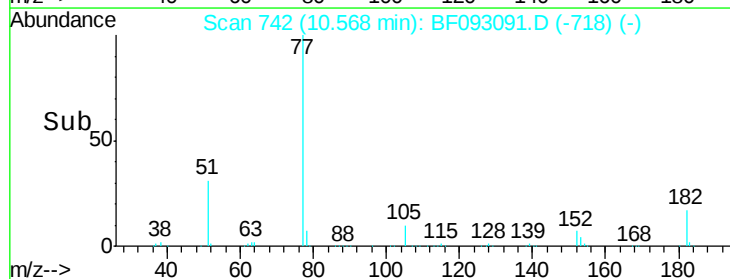
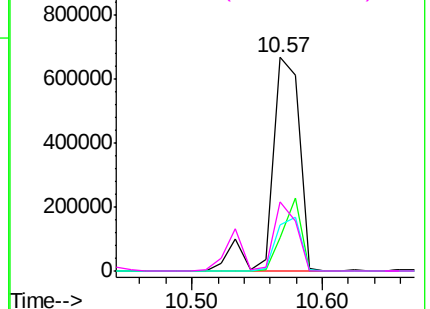


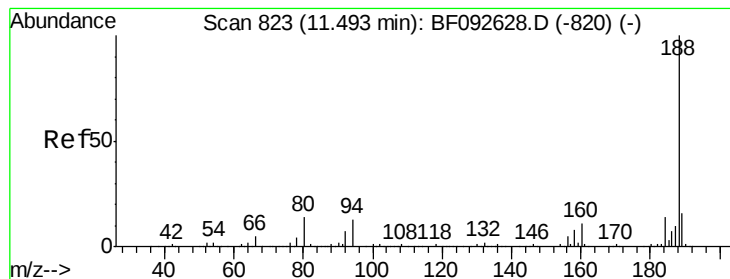
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

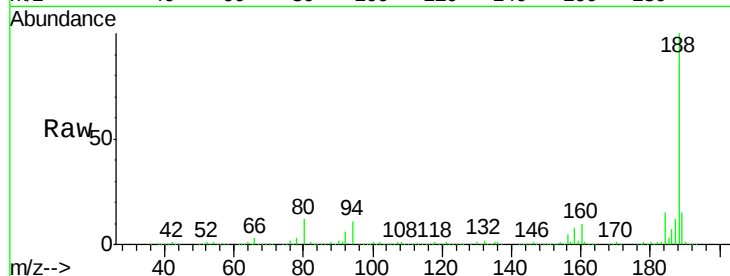
Tgt Ion:188 Resp: 522251

Ion Ratio Lower Upper

188 100

94 11.3 10.0 15.0

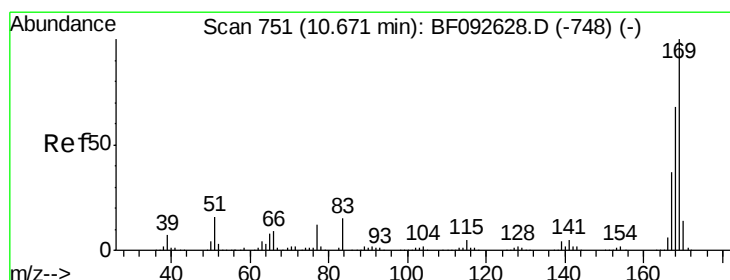
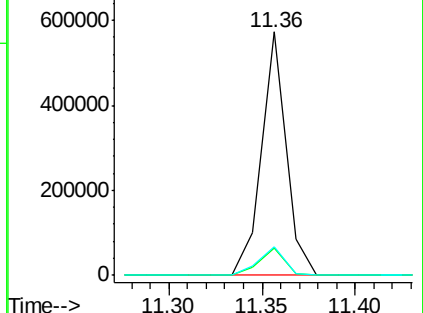
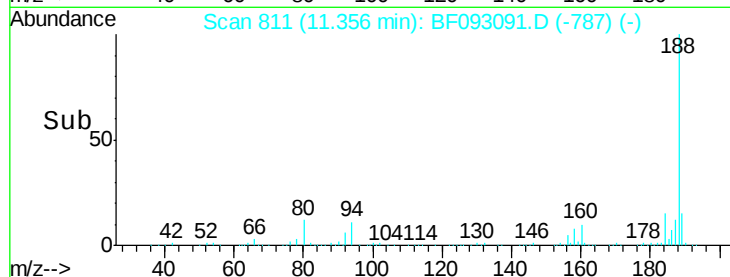
80 11.8 11.2 16.8



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



#65

n-Nitrosodiphenylamine

Concen: 42.21 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

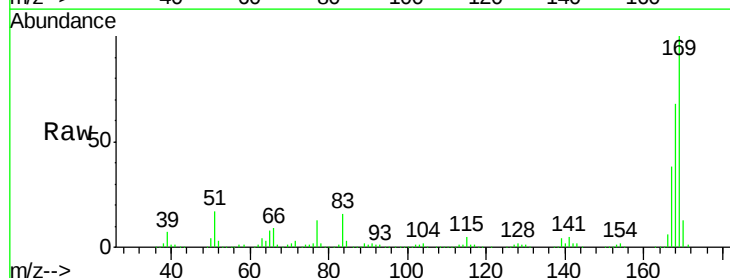
Tgt Ion:169 Resp: 704236

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

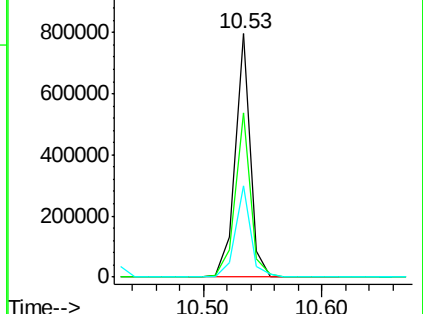
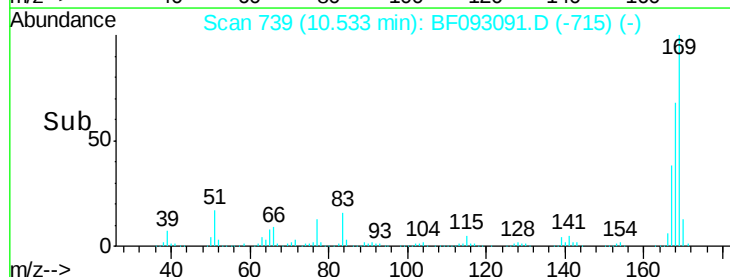
167 37.7 30.2 45.4

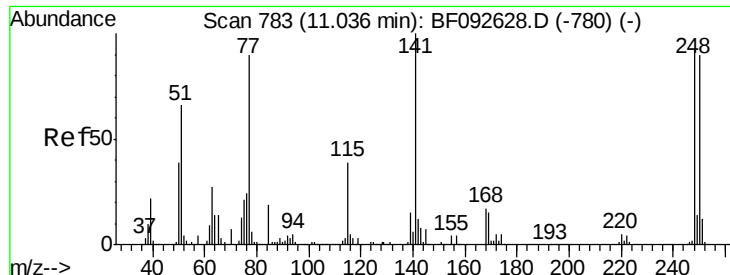


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

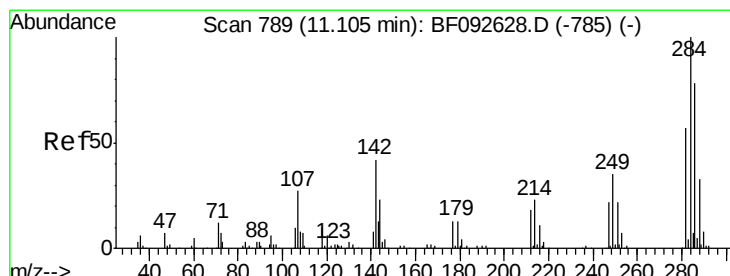
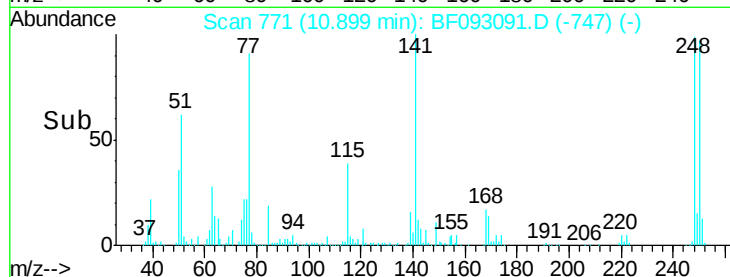
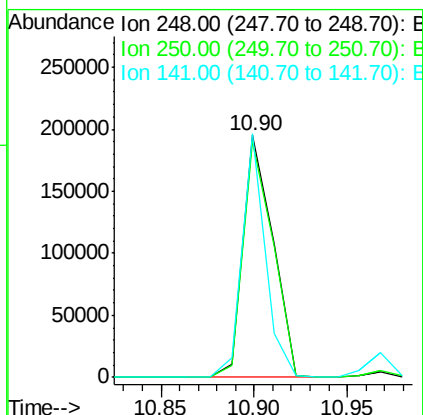
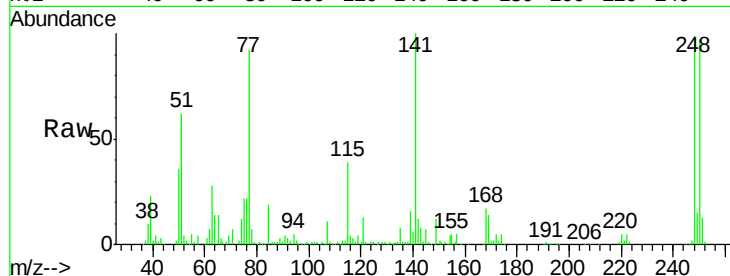




#66
 4-Bromophenyl-phenylether
 Concen: 39.59 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

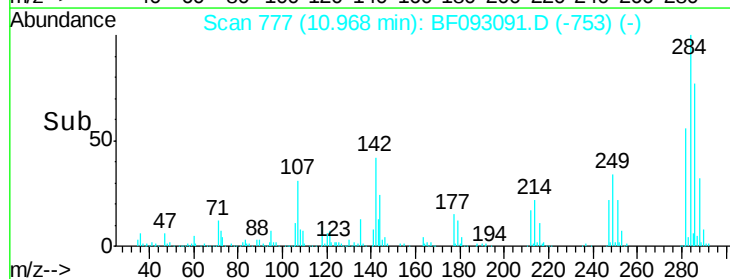
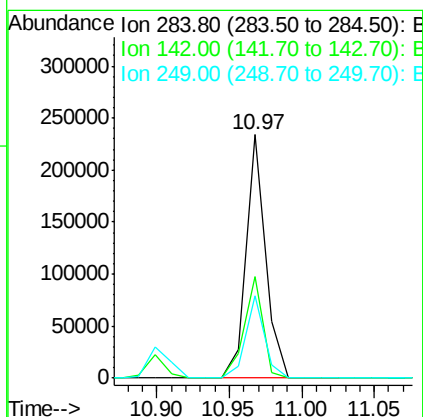
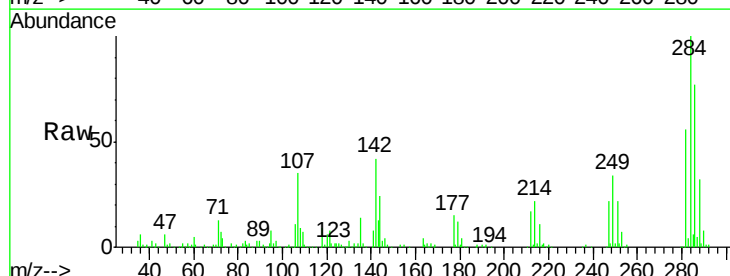
Instrument :
 BNA_F
 ClientSampleId :
 P-5MS

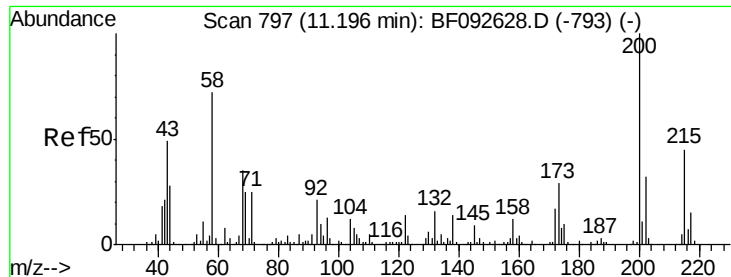
Tgt Ion:248 Resp: 215993
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 100.7 68.2 102.4



#67
 Hexachlorobenzene
 Concen: 40.45 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

Tgt Ion:284 Resp: 218103
 Ion Ratio Lower Upper
 284 100
 142 41.6 22.6 33.8#
 249 33.9 25.4 38.0

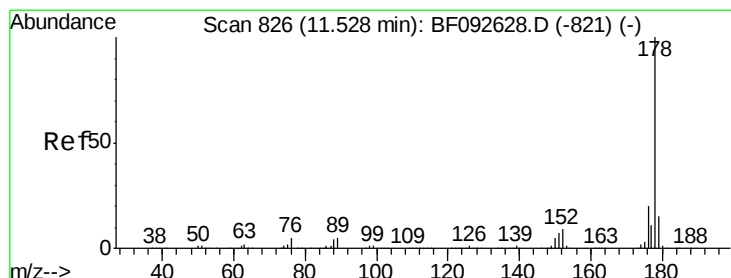
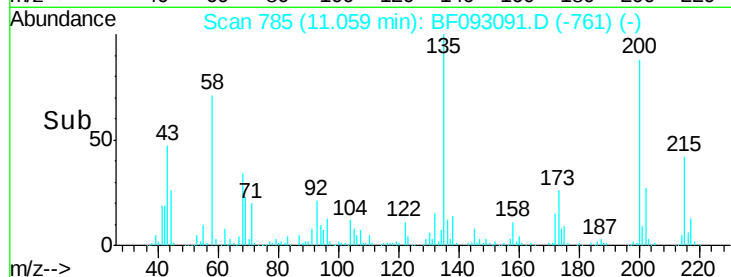
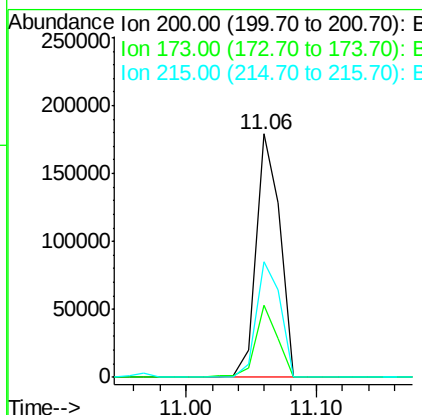
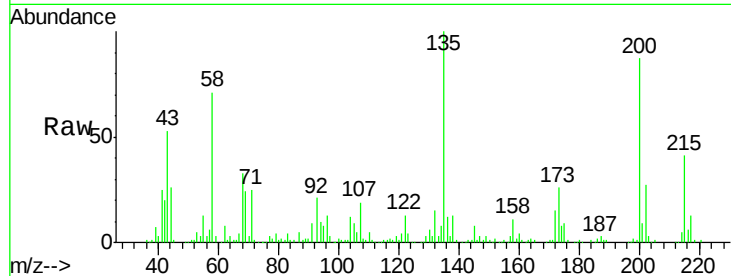




#68
 Atrazine
 Concen: 42.36 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.02 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

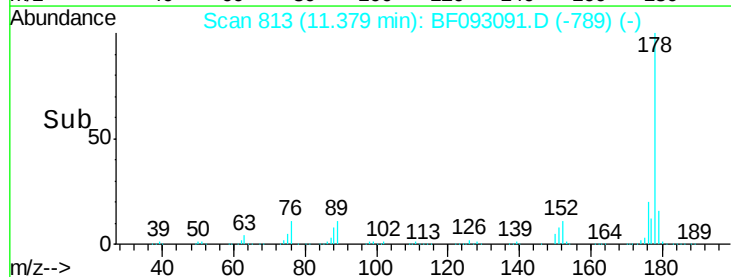
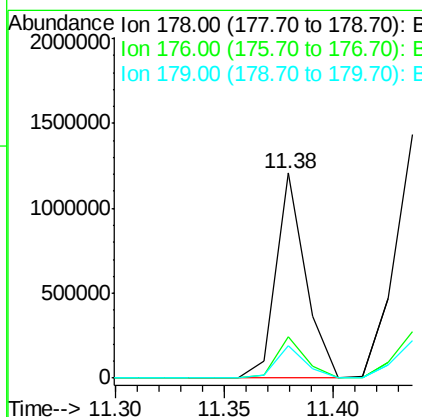
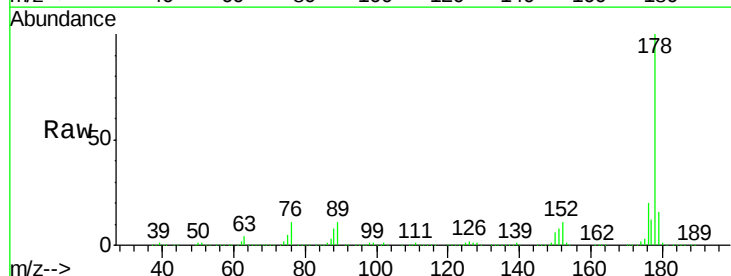
Instrument :
 BNA_F
 ClientSampleId :
 P-5MS

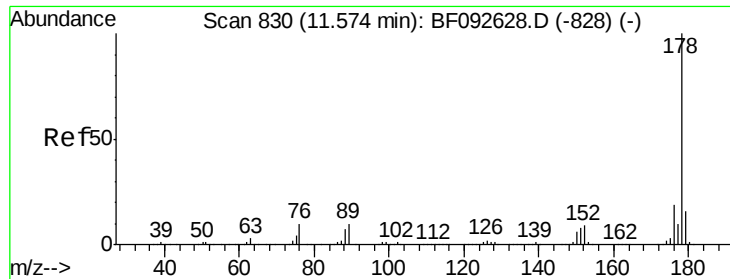
Tgt Ion: 200 Resp: 226802
 Ion Ratio Lower Upper
 200 100
 173 29.7 9.6 49.6
 215 47.4 25.7 65.7



#70
 Phenanthrene
 Concen: 38.56 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

Tgt Ion: 178 Resp: 1153743
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.8 12.8 19.2

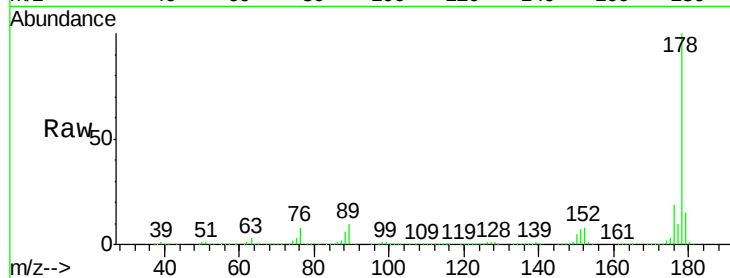




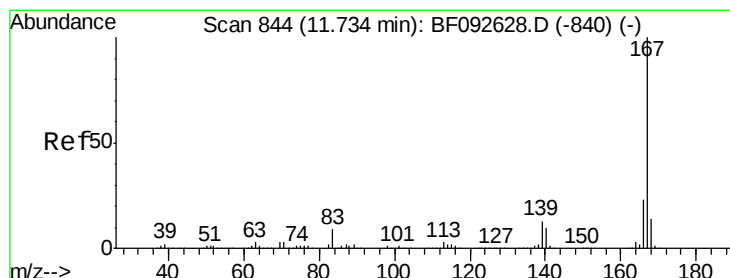
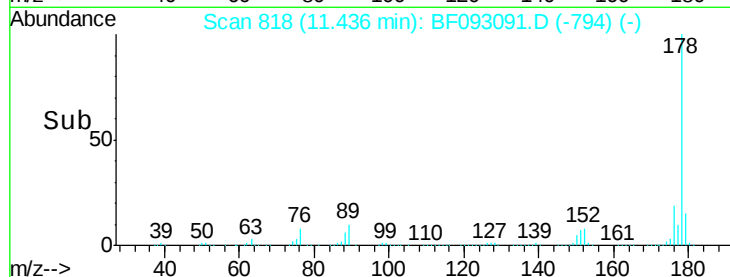
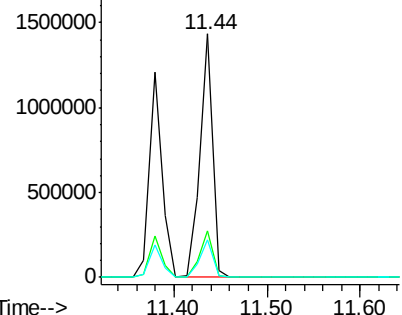
#71
 Anthracene
 Concen: 45.12 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 P-5MS

Tgt Ion:178 Resp: 1355728
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.3 13.2 19.8

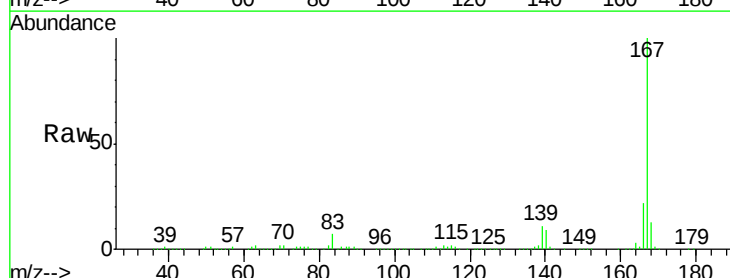


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

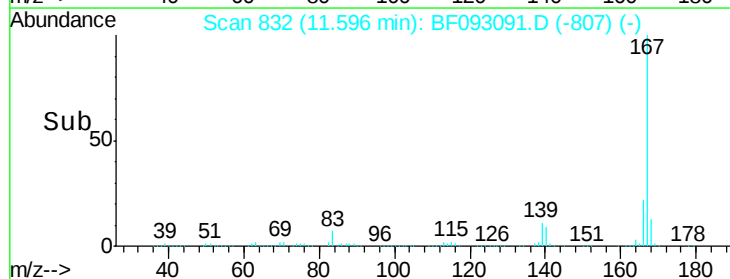
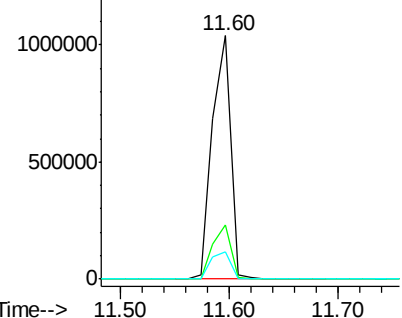


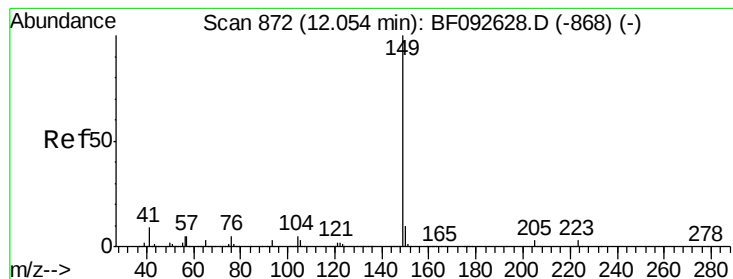
#72
 Carbazole
 Concen: 42.49 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093091.D
 Acq: 22 Feb 2017 22:33

Tgt Ion:167 Resp: 1220344
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 11.4 11.4 17.2#



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: 60.21 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

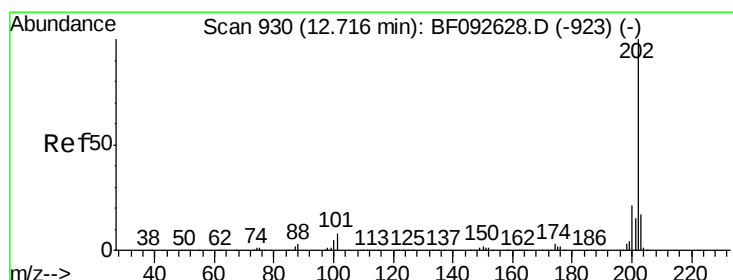
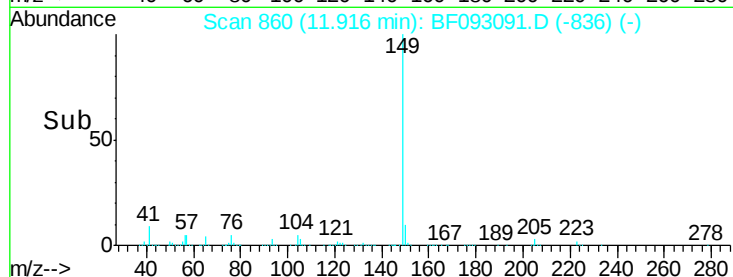
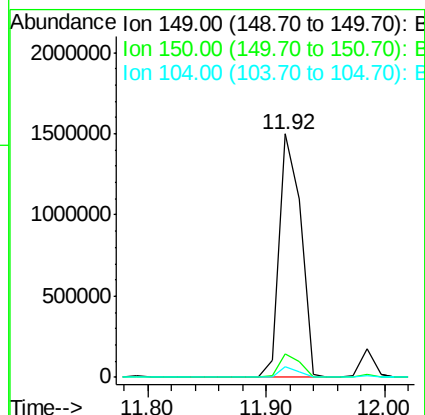
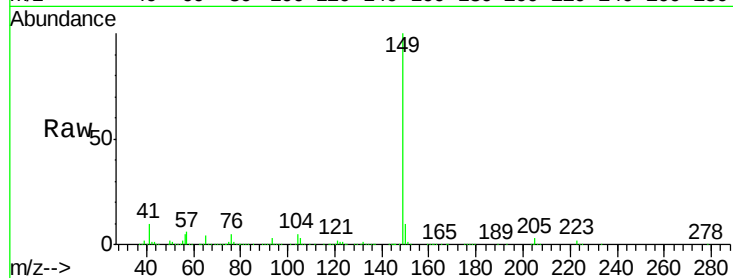
Tgt Ion:149 Resp: 1870164

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

104 4.6 4.6 7.0#



#74

Fluoranthene

Concen: 38.79 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

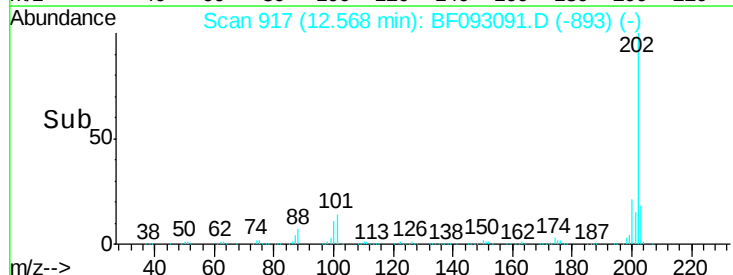
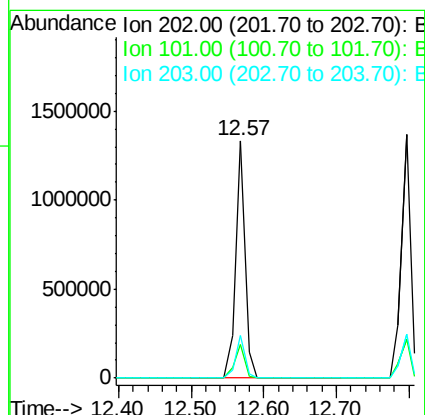
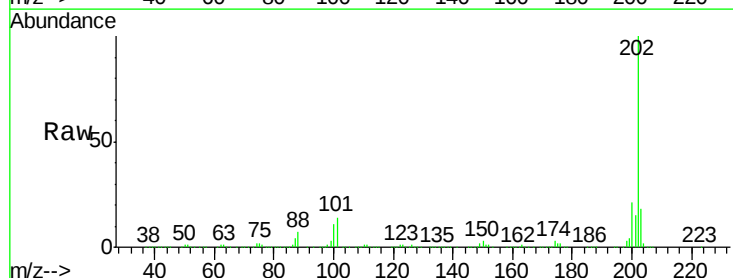
Tgt Ion:202 Resp: 1197126

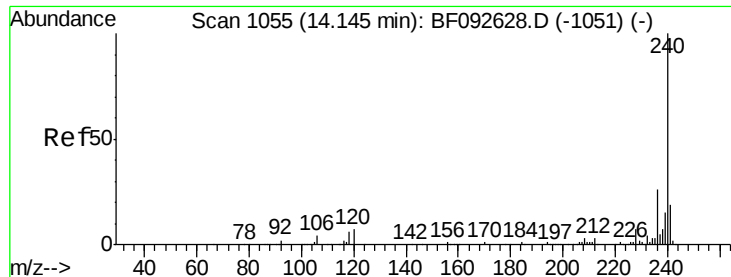
Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.6

203 17.9 0.0 38.7

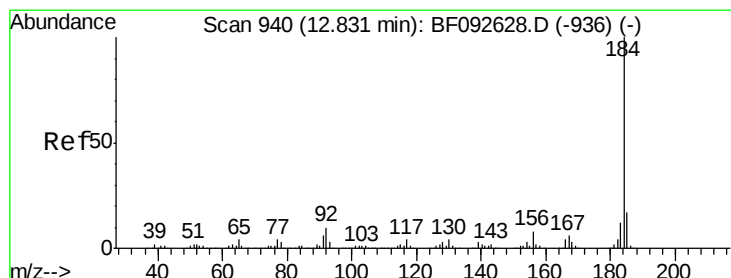
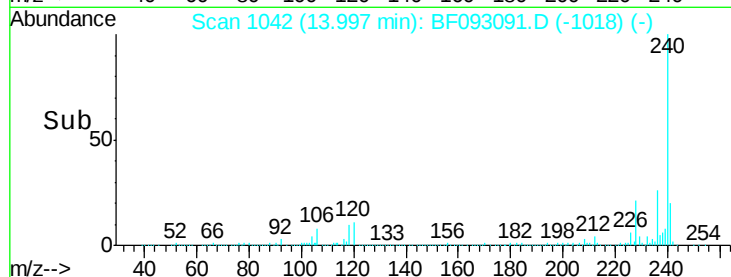
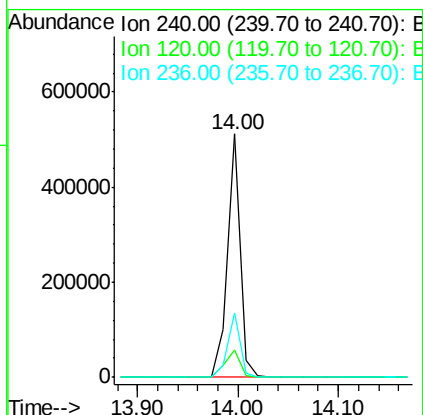
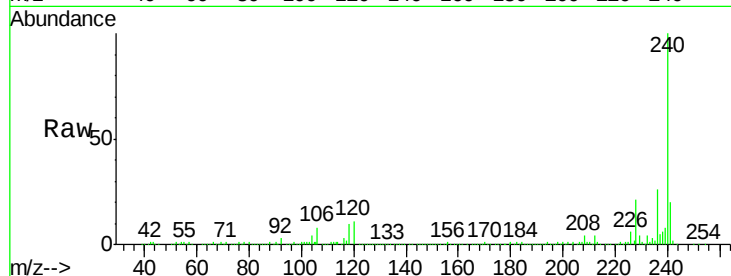




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

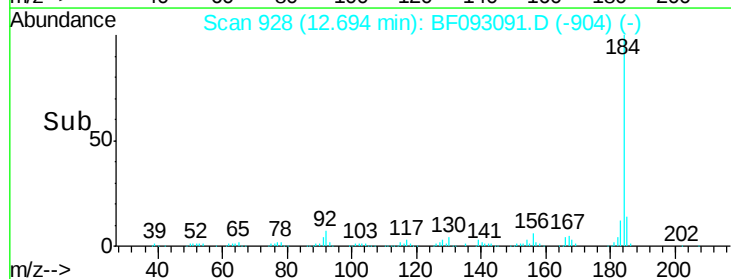
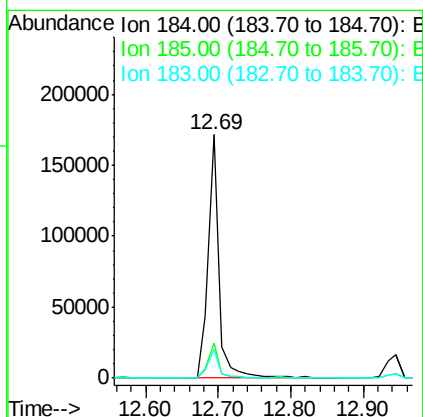
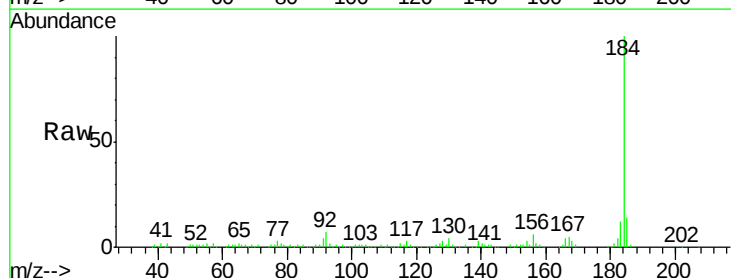
Instrument :
BNA_F
ClientSampleId :
P-5MS

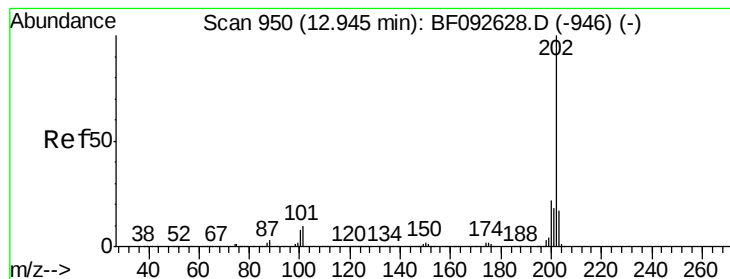
Tgt Ion:240 Resp: 448961
Ion Ratio Lower Upper
240 100
120 11.4 12.9 19.3#
236 26.3 20.9 31.3



#76
Benzidine
Concen: 9.47 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:184 Resp: 181204
Ion Ratio Lower Upper
184 100
185 14.3 13.4 20.0
183 11.7 9.2 13.8





#77

Pyrene

Concen: 37.12 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

Instrument :

BNA_F

ClientSampleId :

P-5MS

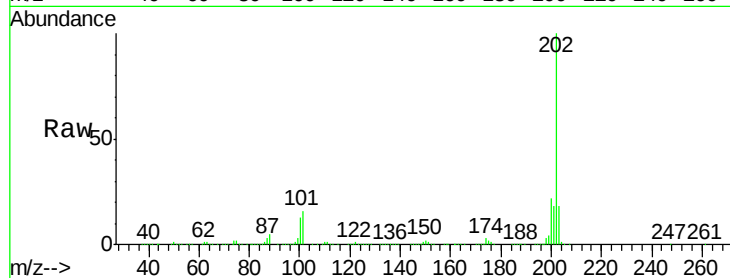
Tgt Ion:202 Resp: 1247043

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

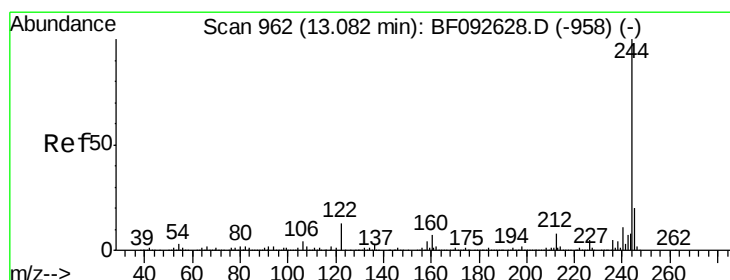
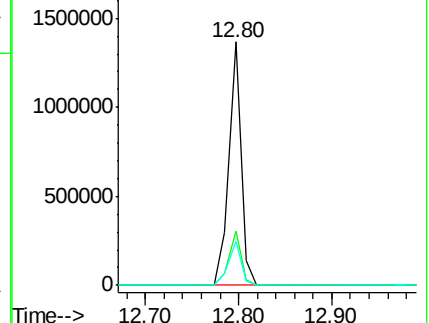
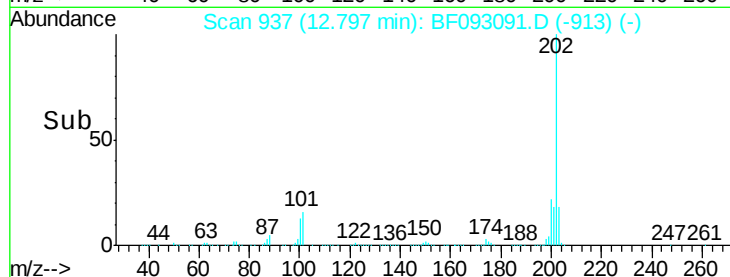
203 17.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.89 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093091.D

Acq: 22 Feb 2017 22:33

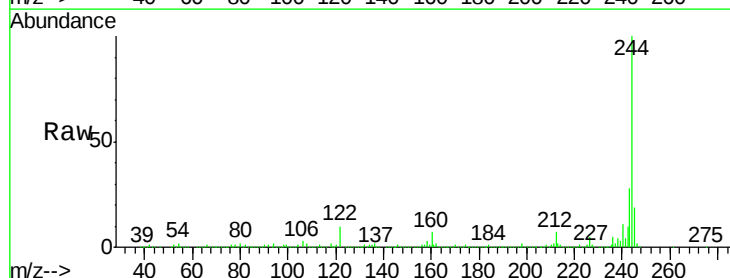
Tgt Ion:244 Resp: 1526559

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 10.0 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

