

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
 Data File : BF093882.D
 Acq On : 23 Mar 2017 16:48
 Operator : SJ/MA
 Sample : I2362-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Quant Time: Mar 24 01:05:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	167307	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	674213	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	304821	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	525850	20.00	ng	-0.01
75) Chrysene-d12	14.70	240	315043	20.00	ng	-0.01
86) Perylene-d12	16.34	264	274011	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	636248	64.23	ng	0.00
7) Phenol-d6	5.56	99	499222	40.74	ng	-0.01
23) Nitrobenzene-d5	6.63	82	1087681	92.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	341373	141.72	ng	0.00
44) 2-Fluorobiphenyl	8.81	172	1868914	93.52	ng	-0.01
78) Terphenyl-d14	13.43	244	1416069	100.75	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.38	88	78509	16.50	ng	99
3) Pyridine	2.88	79	114323	8.81	ng	98
4) n-Nitrosodimethylamine	2.81	42	97224	18.22	ng	# 90
6) Aniline	5.59	93	362686	21.28	ng	96
8) 2-Chlorophenol	5.73	128	411077	37.76	ng	98
9) Benzaldehyde	5.46	77	163908	19.81	ng	95
10) Phenol	5.57	94	234929	16.85	ng	89
11) bis(2-Chloroethyl)ether	5.67	93	490188	44.98	ng	99
12) 1,3-Dichlorobenzene	5.91	146	477937	39.13	ng	99
13) 1,4-Dichlorobenzene	5.99	146	485513	39.25	ng	96
14) 1,2-Dichlorobenzene	6.17	146	456388	40.06	ng	96
15) Benzyl Alcohol	6.13	79	280365	31.26	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.30	45	706062	42.05	ng	98
17) 2-Methylphenol	6.27	107	278333	29.85	ng	98
18) Hexachloroethane	6.57	117	165903	38.16	ng	# 84
19) n-Nitroso-di-n-propylamine	6.46	70	361999	45.96	ng	99
20) 3+4-Methylphenols	6.45	107	291748	25.83	ng	# 86
22) Acetophenone	6.45	105	692892	46.11	ng	# 91
24) Nitrobenzene	6.65	77	532052	45.66	ng	97
25) Isophorone	6.94	82	973210	46.88	ng	95
26) 2-Nitrophenol	7.02	139	269052	48.42	ng	95
27) 2,4-Dimethylphenol	7.08	122	396789	41.44	ng	98
28) bis(2-Chloroethoxy)methane	7.20	93	615487	44.96	ng	99
29) 2,4-Dichlorophenol	7.31	162	396816	44.33	ng	98
30) 1,2,4-Trichlorobenzene	7.42	180	388862	42.18	ng	98
31) Naphthalene	7.51	128	1356605	41.85	ng	100
32) Benzoic acid	7.19	122	66489	10.43	ng	98
33) 4-Chloroaniline	7.57	127	435590	33.15	ng	94
34) Hexachlorobutadiene	7.66	225	185284	39.19	ng	97
35) Caprolactam	8.02	113	15640	5.48	ng	94
36) 4-Chloro-3-methylphenol	8.16	107	382612	40.90	ng	89
37) 2-Methylnaphthalene	8.35	142	968564	44.82	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	352293	42.25	ng	98
40) Hexachlorocyclopentadiene	8.55	237	306361	78.51	ng	98

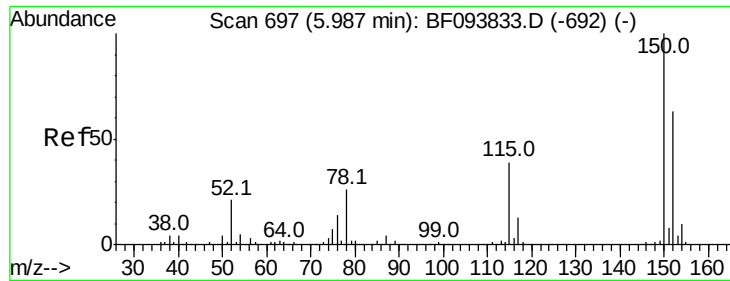
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	280137	47.48	nq	99
43) 2,4,5-Trichlorophenol	8.74	196	275508	43.16	nq	95
45) 1,1'-Biphenyl	8.93	154	1097732	44.65	nq	98
46) 2-Chloronaphthalene	8.95	162	868816	45.14	nq	93
47) 2-Nitroaniline	9.07	65	280617	49.15	nq	87
48) Acenaphthylene	9.46	152	1401799	43.82	nq	99
49) Dimethylphthalate	9.32	163	1054501	48.67	nq	100
50) 2,6-Dinitrotoluene	9.37	165	240182	48.35	nq	# 87
51) Acenaphthene	9.67	154	835254	44.75	nq	99
52) 3-Nitroaniline	9.57	138	199853	34.26	nq	92
53) 2,4-Dinitrophenol	9.70	184	158291	60.74	nq	# 73
54) Dibenzofuran	9.88	168	1243040	48.92	nq	99
55) 4-Nitrophenol	9.79	139	134575	29.46	nq	# 70
56) 2,4-Dinitrotoluene	9.87	165	308083	49.38	nq	# 82
57) Fluorene	10.30	166	913294	43.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	207362	47.34	nq	98
59) Diethylphthalate	10.19	149	1051180	49.08	nq	99
60) 4-Chlorophenyl-phenylether	10.31	204	392145	43.69	nq	93
61) 4-Nitroaniline	10.33	138	218232	38.99	nq	95
62) Azobenzene	10.50	77	995530	49.14	nq	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	120366	37.38	nq	# 77
65) n-Nitrosodiphenylamine	10.46	169	845721	46.51	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	248185	47.99	nq	96
67) Hexachlorobenzene	10.98	284	249620	47.68	nq	# 85
68) Atrazine	11.13	200	252157	46.29	nq	97
69) Pentachlorophenol	11.22	266	244679	75.09	nq	96
70) Phenanthrene	11.49	178	1346471	46.03	nq	99
71) Anthracene	11.55	178	1382609	45.91	nq	99
72) Carbazole	11.75	167	1257383	40.71	nq	98
73) Di-n-butylphthalate	12.20	149	1544088	48.07	nq	100
74) Fluoranthene	12.94	202	1294042	43.20	nq	99
77) Pyrene	13.22	202	1283788	56.15	nq	98
79) Butylbenzylphthalate	14.04	149	554884	56.96	nq	# 84
80) Benzo(a)anthracene	14.69	228	868513	47.28	nq	99
81) 3,3'-Dichlorobenzidine	14.66	252	190462	29.01	nq	98
82) Chrysene	14.74	228	780356	45.77	nq	100
83) Bis(2-ethylhexyl)phthalate	14.76	149	717656	54.00	nq	# 100
84) Di-n-octyl phthalate	15.51	149	1050944	47.33	nq	98
85) Indeno(1,2,3-cd)pyrene	17.74	276	892494	60.45	nq	98
87) Benzo(b)fluoranthene	15.93	252	779981	46.44	nq	98
88) Benzo(k)fluoranthene	15.96	252	673854	41.00	nq	97
89) Benzo(a)pyrene	16.28	252	721634	46.66	nq	97
90) Dibenzo(a,h)anthracene	17.76	278	735340	56.14	nq	98
91) Benzo(g,h,i)perylene	18.16	276	768776	58.24	nq	97

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

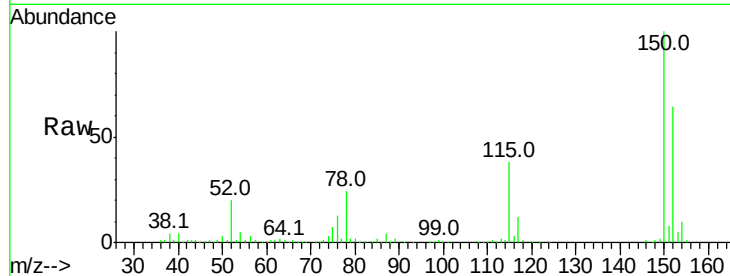


#1

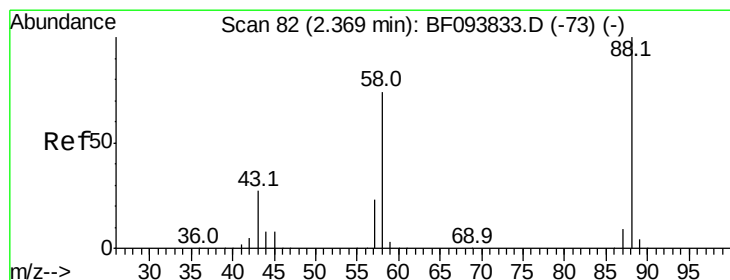
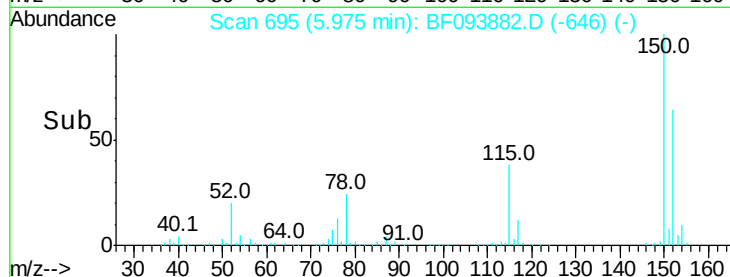
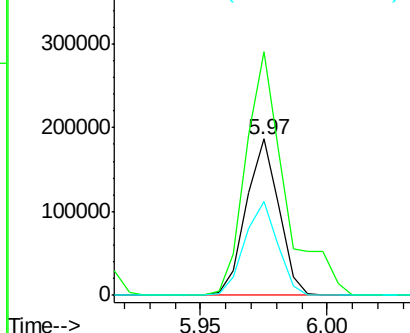
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tot Ion:152 Resp: 167307
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 60.1 52.2 78.2



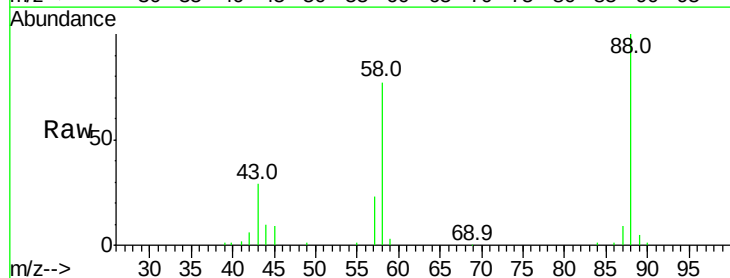
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



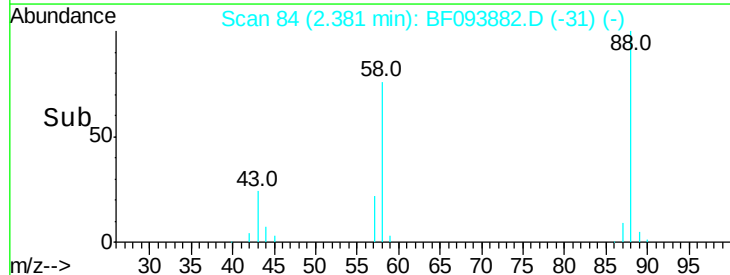
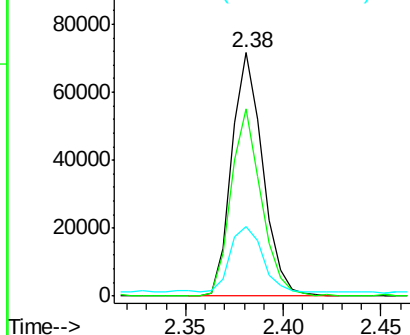
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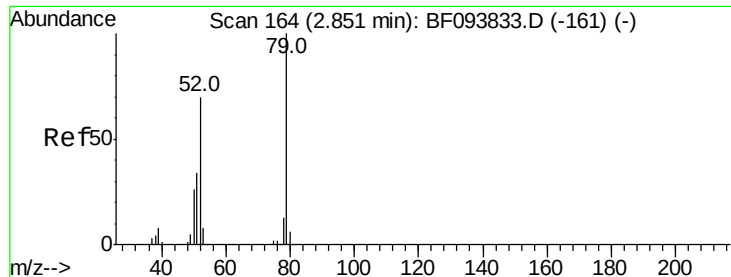
1,4-Dioxane
Concen: 16.50 ng
RT: 2.38 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion: 88 Resp: 78509
Ion Ratio Lower Upper
88 100
58 75.3 61.4 92.0
43 28.9 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

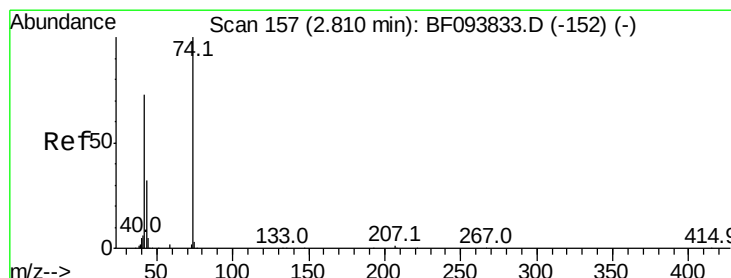
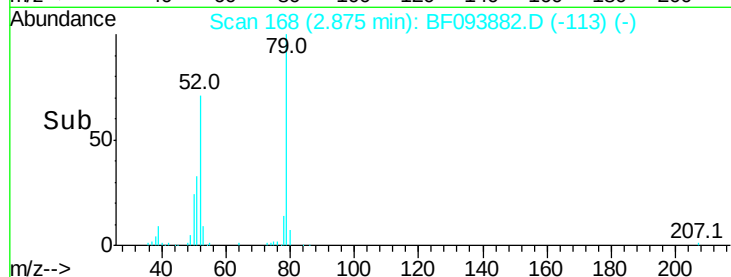
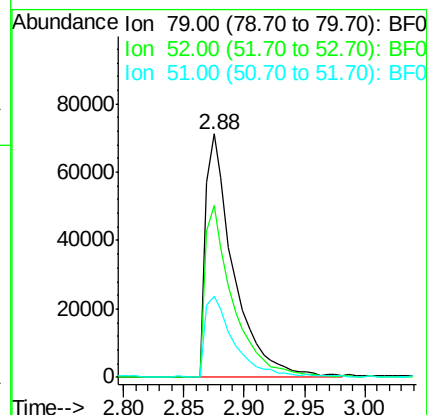
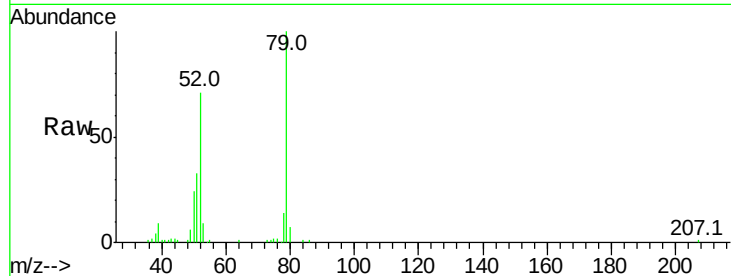




#3
 Pvridine
 Concen: 8.81 ng
 RT: 2.88 min Scan# 168
 Delta R.T. 0.02 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

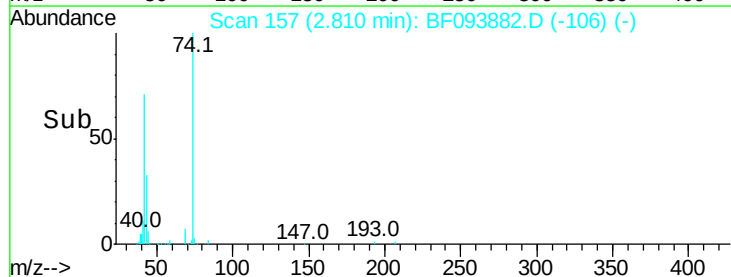
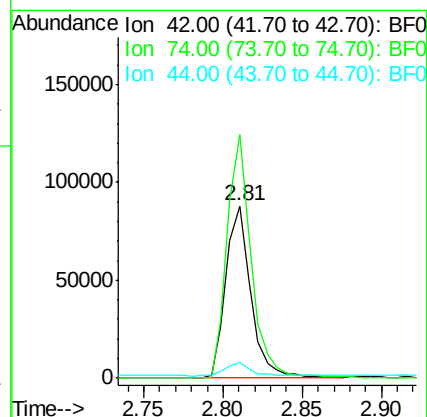
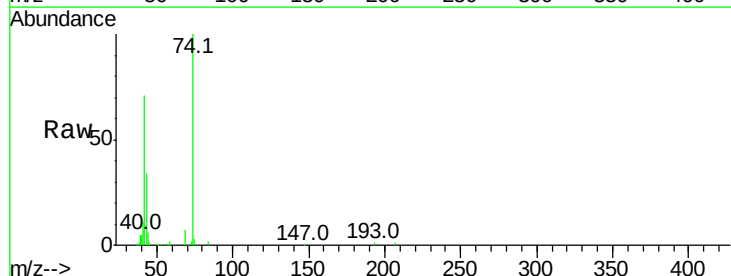
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

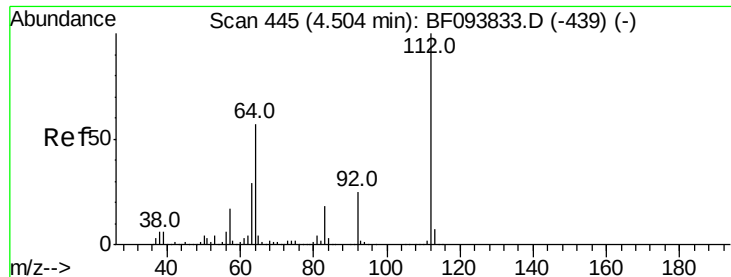
Tot Ion: 79 Resp: 114323
 Ion Ratio Lower Upper
 79 100
 52 70.7 54.8 82.2
 51 33.2 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 18.22 ng
 RT: 2.81 min Scan# 157
 Delta R.T. 0.00 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion: 42 Resp: 97224
 Ion Ratio Lower Upper
 42 100
 74 141.5 103.9 155.9
 44 9.0 5.7 8.5#





#5

2-Fluorophenol

Concen: 64.23 ng

RT: 4.50 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampled :

S8-0666MS

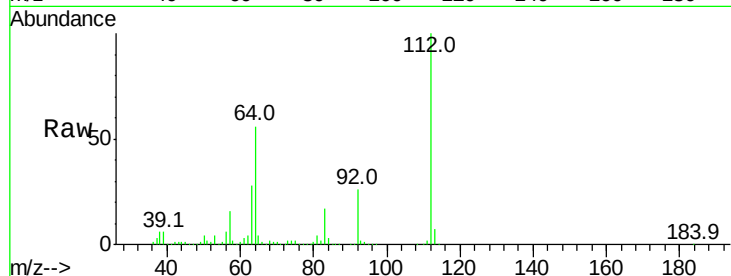
Tot Ion:112 Resp: 636248

Ion Ratio Lower Upper

112 100

64 56.1 46.0 69.0

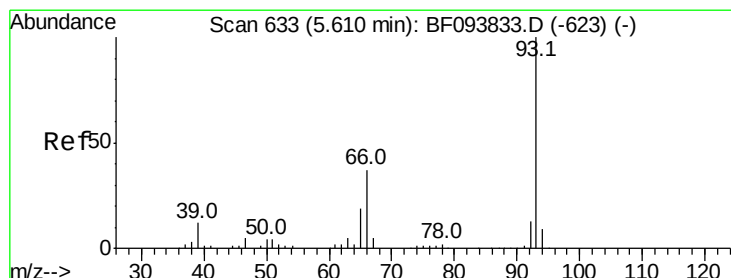
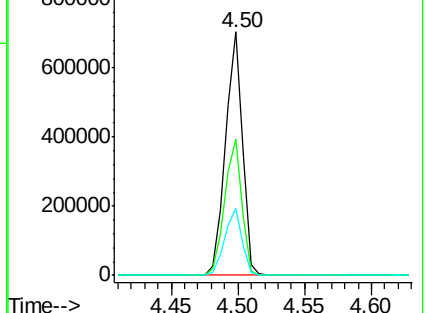
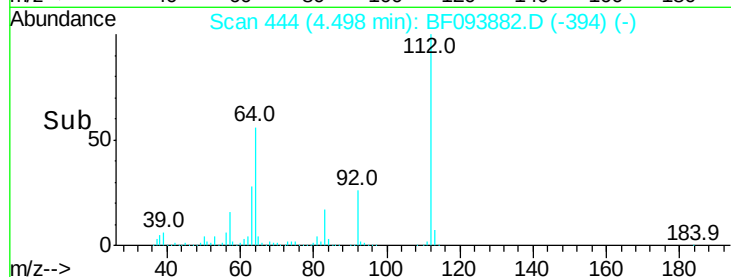
63 27.7 23.4 35.0



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: 21.28 ng

RT: 5.59 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

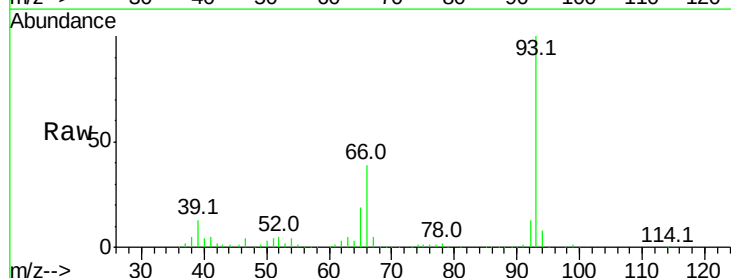
Tgt Ion: 93 Resp: 362686

Ion Ratio Lower Upper

93 100

66 38.7 32.9 49.3

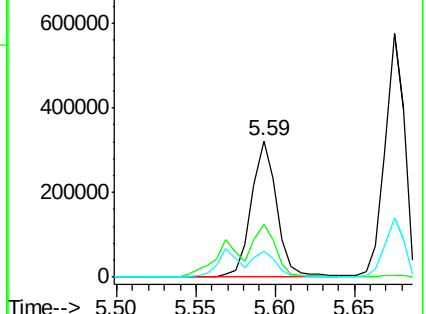
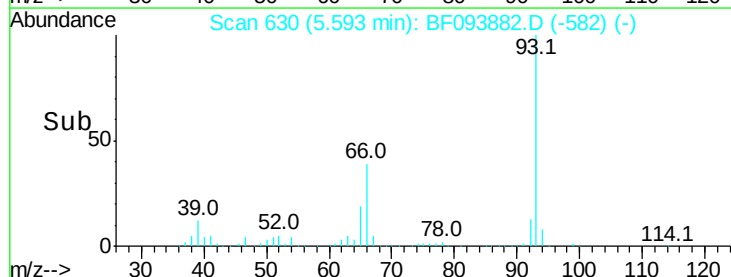
65 18.7 16.0 24.0

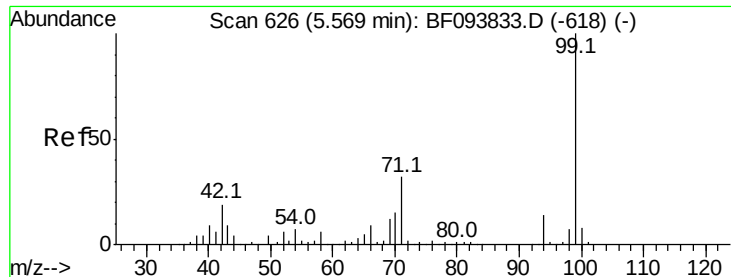


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 40.74 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093882.D

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ClientSampleId :

S8-0666MS

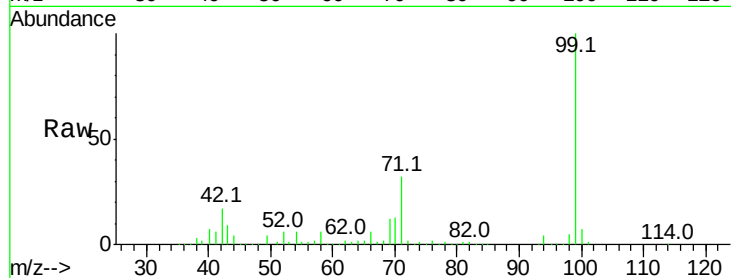
Tot Ion: 99 Resp: 499222

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

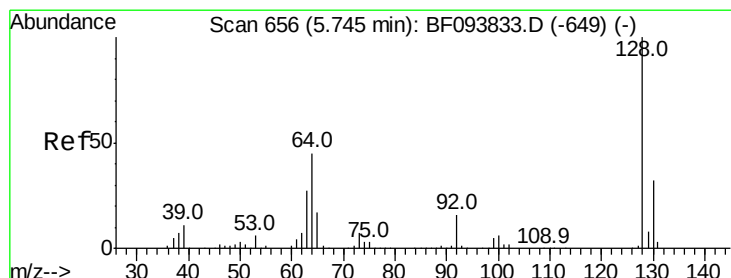
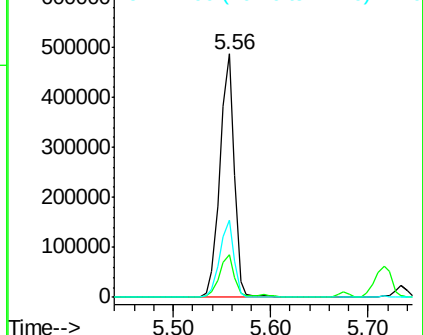
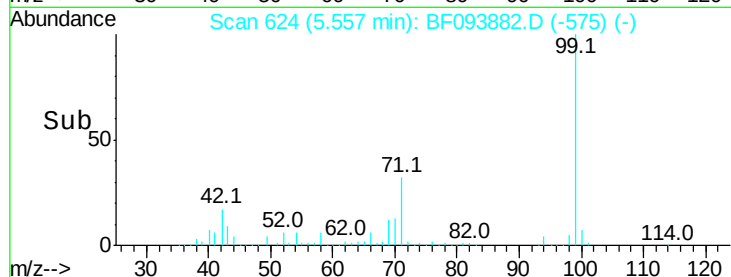
71 31.9 24.5 36.7



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: 37.76 ng

RT: 5.73 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

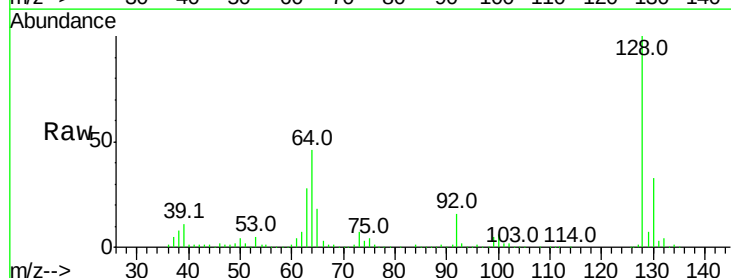
Tgt Ion: 128 Resp: 411077

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

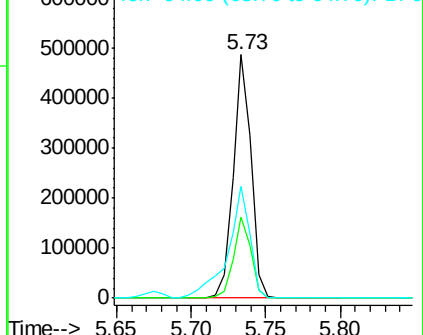
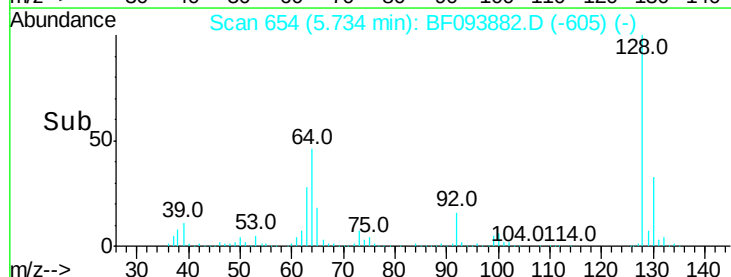
64 46.1 28.4 68.4

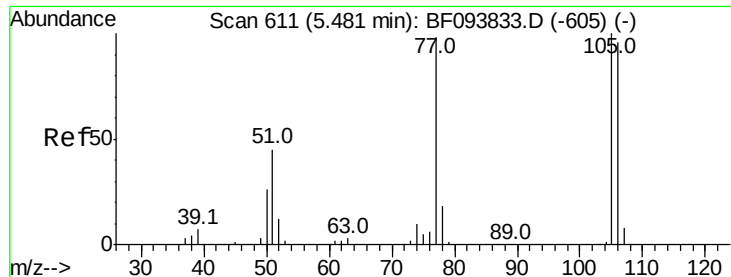


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.81 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF093882.D

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BNA_F

ClientSampleId :

S8-0666MS

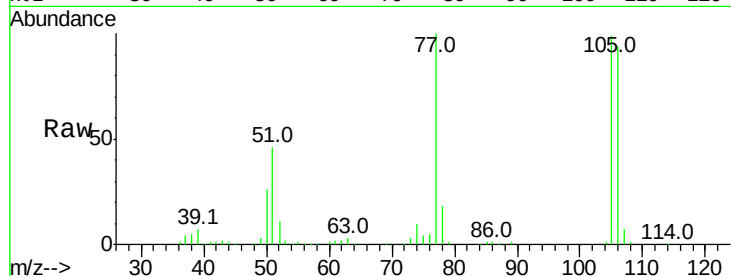
Tot Ion: 77 Resp: 163908

Ion Ratio Lower Upper

77 100

105 99.1 83.8 123.8

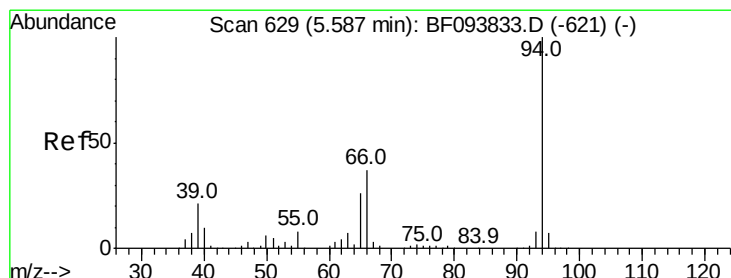
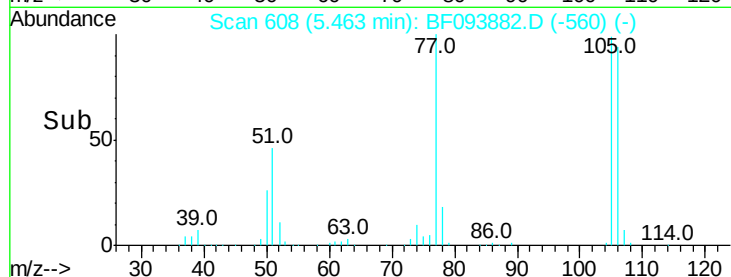
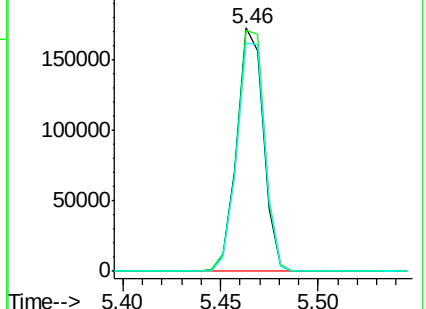
106 93.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 16.85 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

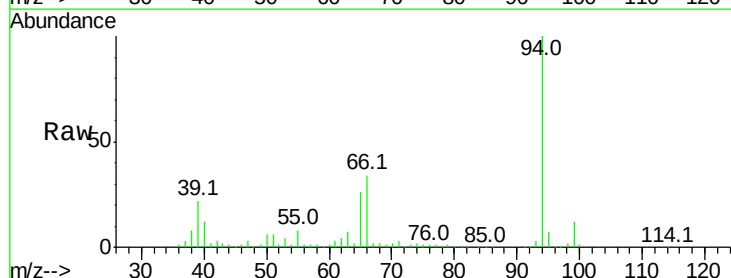
Tgt Ion: 94 Resp: 234929

Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

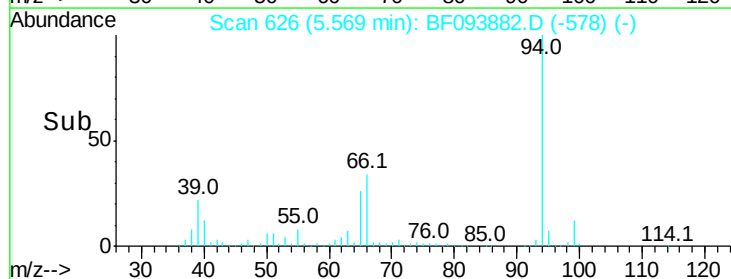
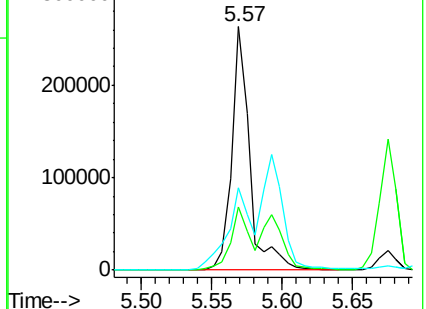
66 33.8 23.1 63.1

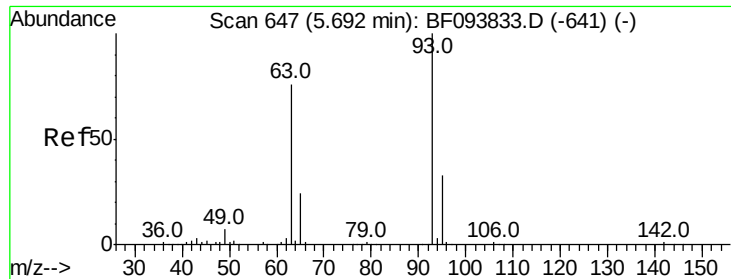


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.98 ng

RT: 5.67 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

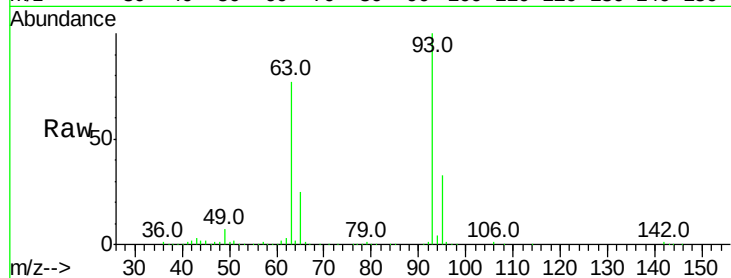
Tot Ion: 93 Resp: 490188

Ion Ratio Lower Upper

93 100

63 77.4 59.2 99.2

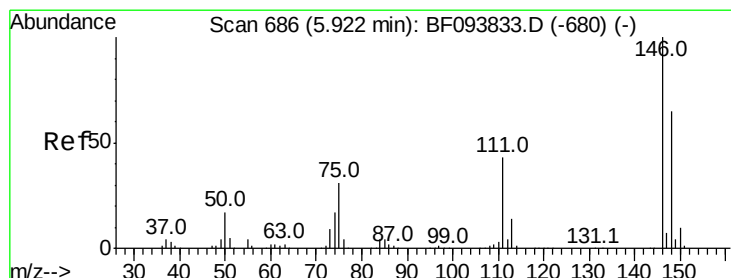
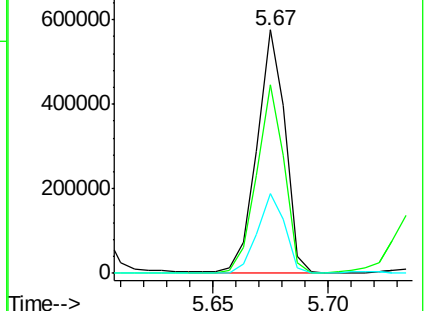
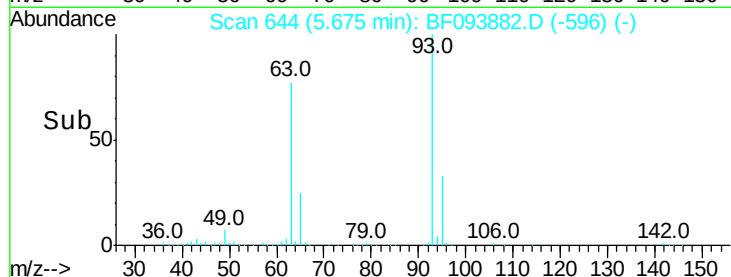
95 32.8 12.8 52.8



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: 39.13 ng

RT: 5.91 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

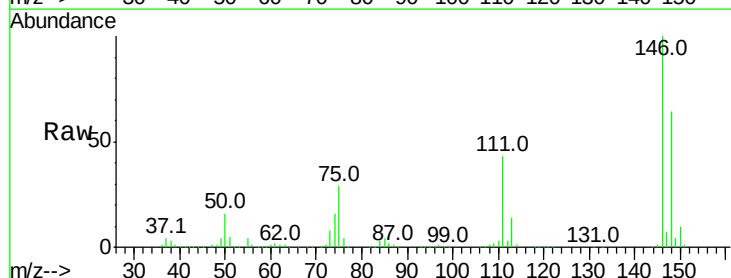
Tgt Ion: 146 Resp: 477937

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

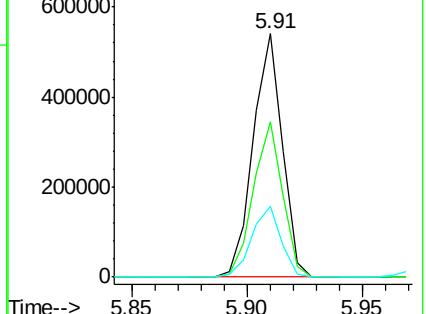
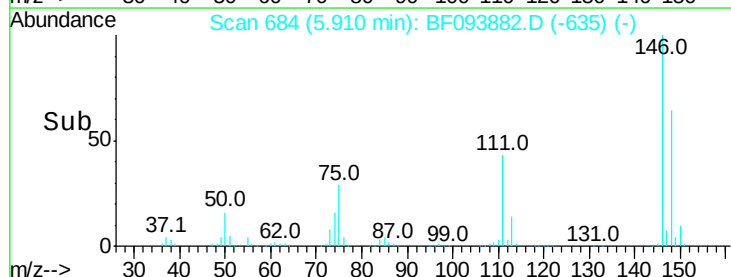
75 28.9 23.1 34.7

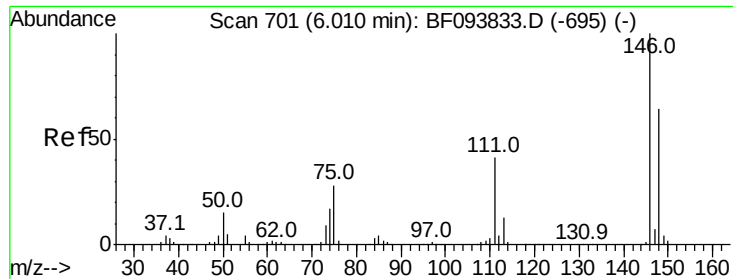


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

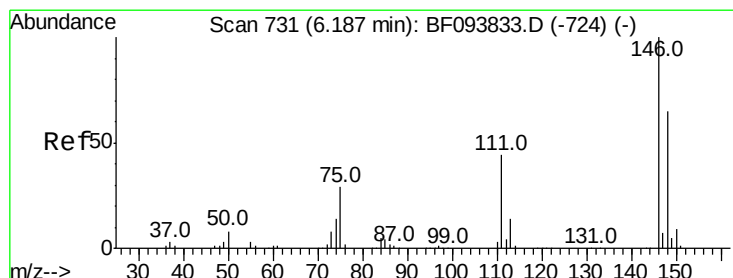
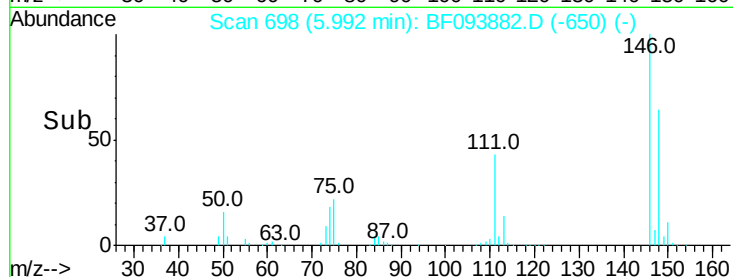
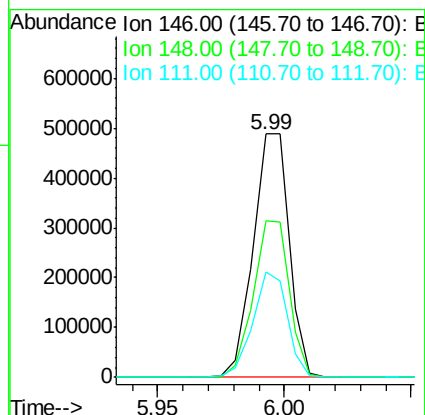
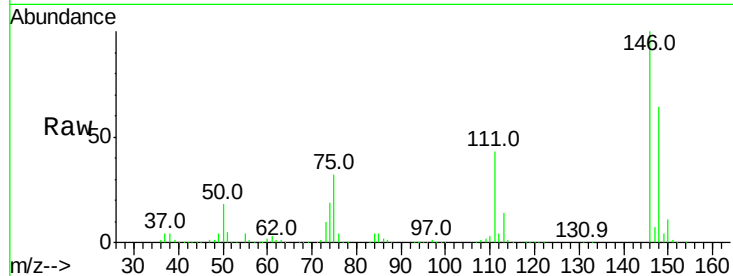




#13
 1,4-Dichlorobenzene
 Concen: 39.25 ng
 RT: 5.99 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

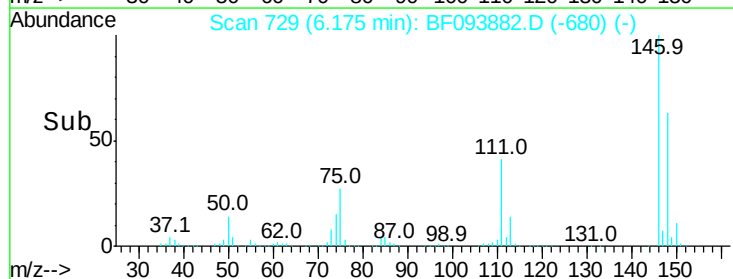
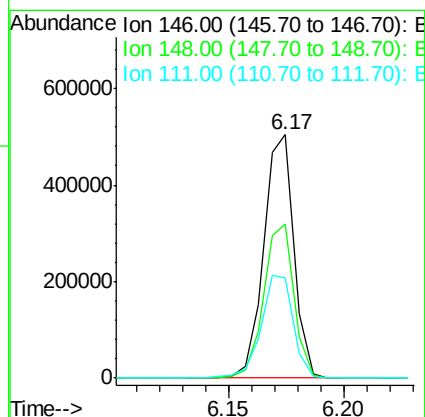
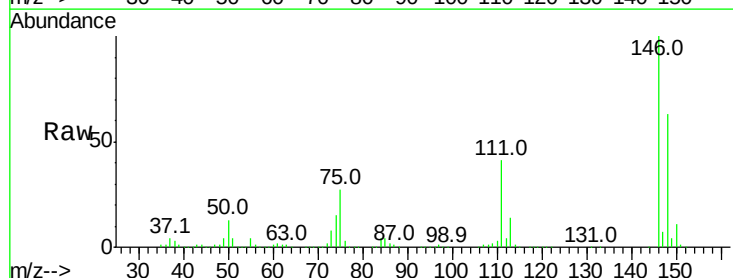
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

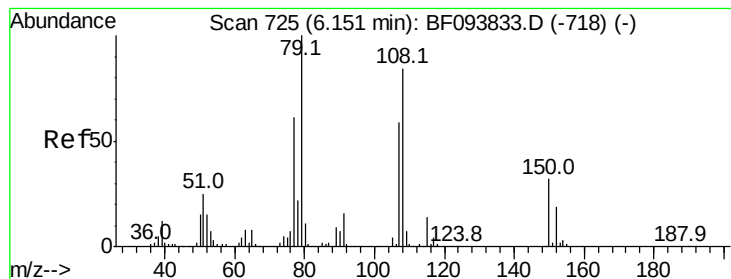
Tot Ion:146 Resp: 485513
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 43.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.06 ng
 RT: 6.17 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion:146 Resp: 456388
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 41.0 38.2 57.4





#15

Benzyl Alcohol

Concen: 31.26 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

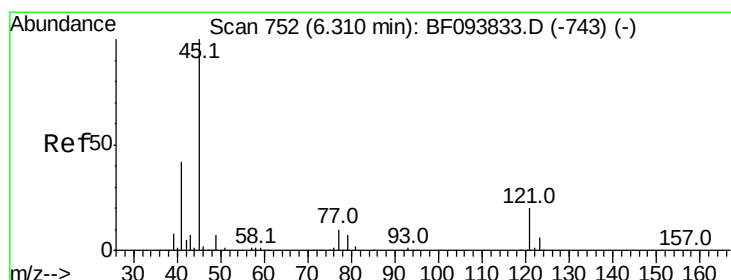
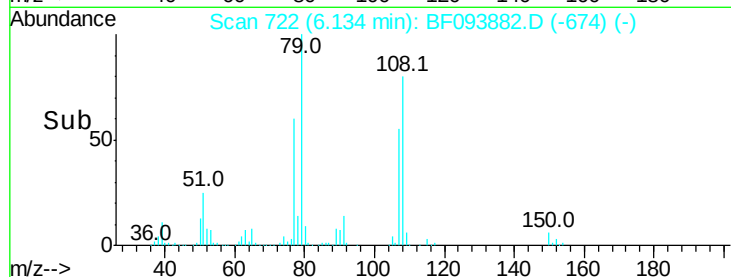
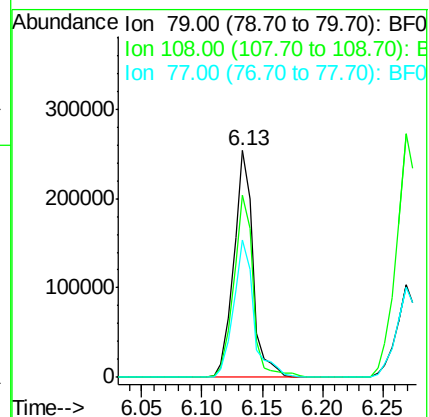
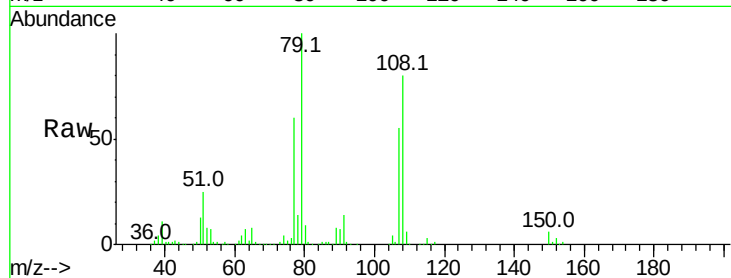
Tot Ion: 79 Resp: 280365

Ion Ratio Lower Upper

79 100

108 80.3 63.4 95.0

77 60.4 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.05 ng

RT: 6.30 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

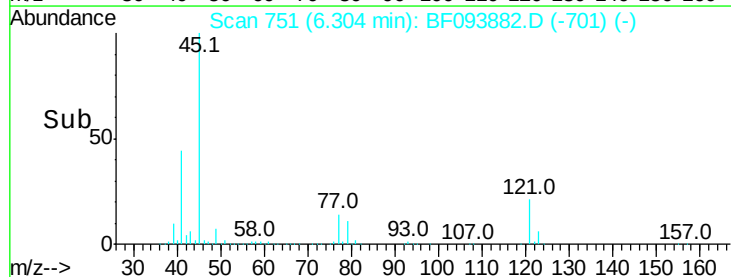
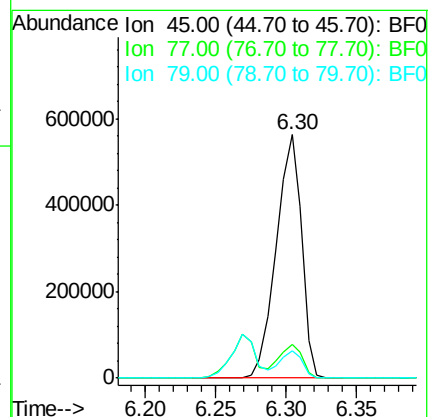
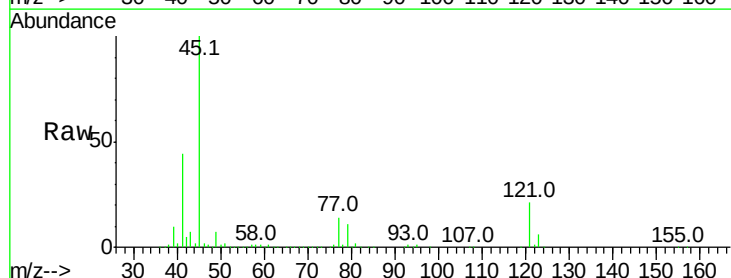
Tgt Ion: 45 Resp: 706062

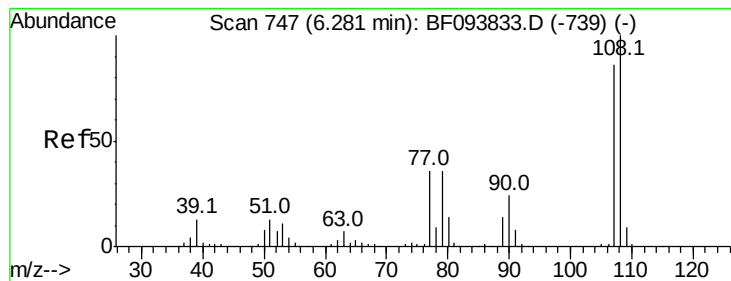
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.2

79 11.3 0.0 30.0

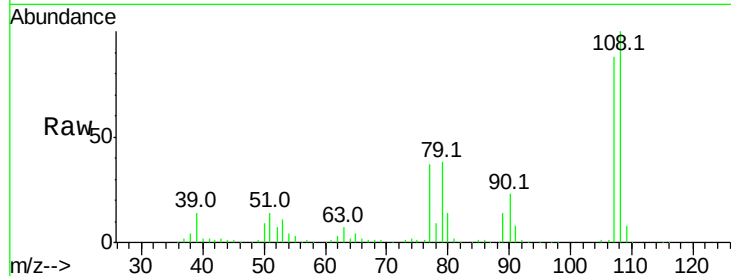




#17
2-Methylphenol
Concen: 29.85 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.4	140.0
77	42.3	35.8	53.6
79	43.0	34.8	52.2



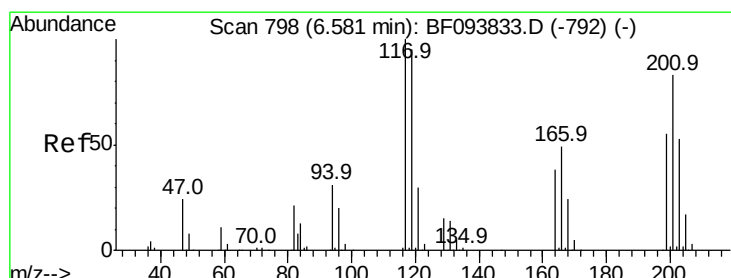
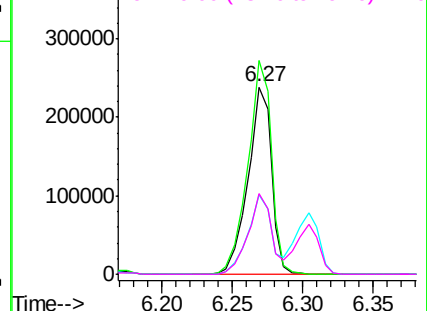
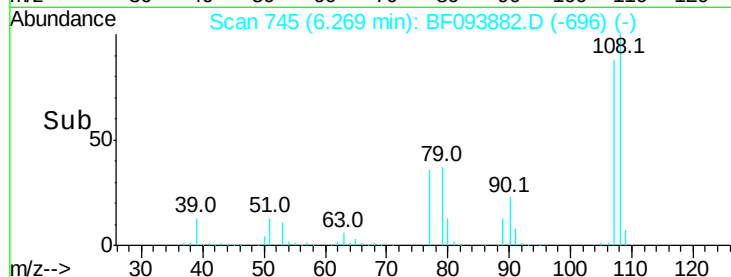
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

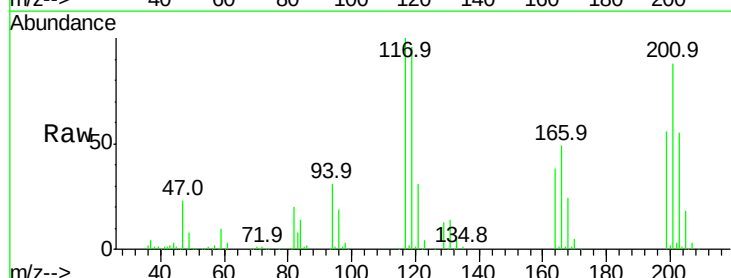
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 38.16 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
201	87.6	94.6	141.8#

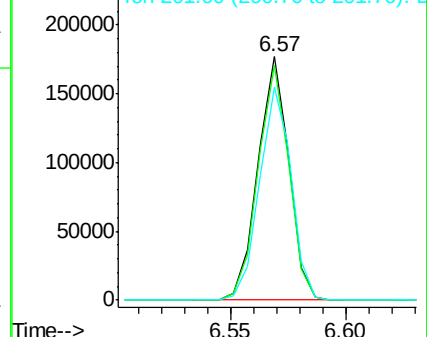
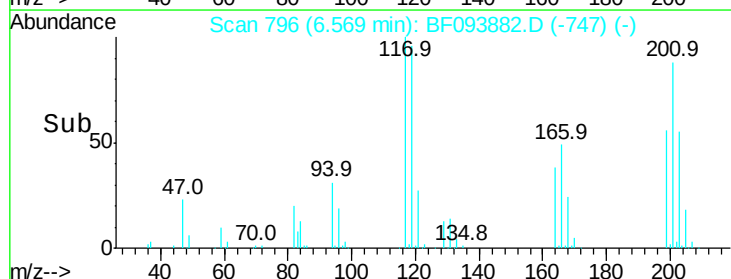


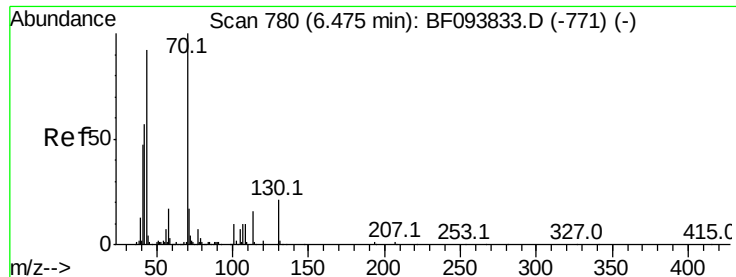
Abundance

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: 45.96 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

Tot Ion: 70 Resp: 361999

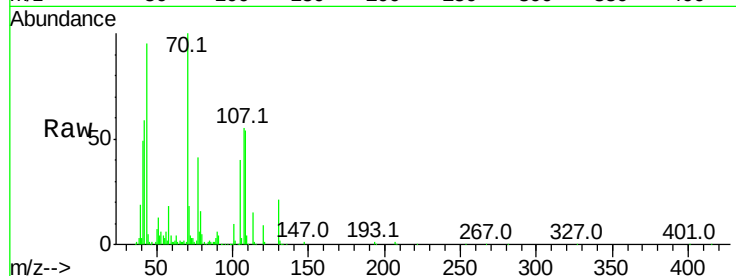
Ion Ratio Lower Upper

70 100

42 59.0 47.2 70.8

101 9.5 7.2 10.8

130 20.6 15.9 23.9



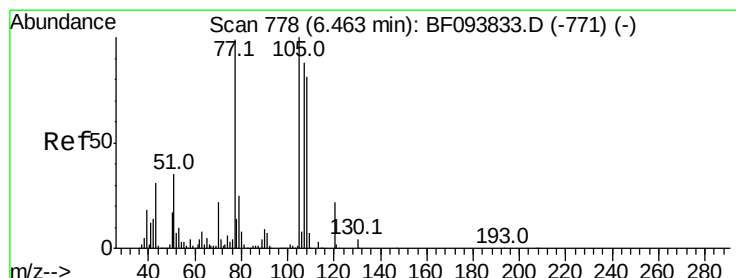
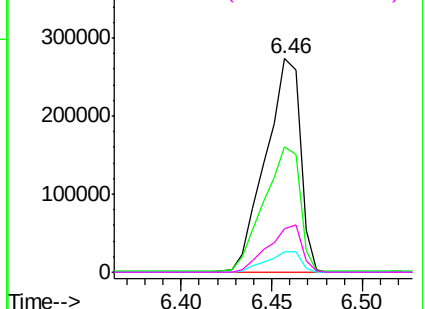
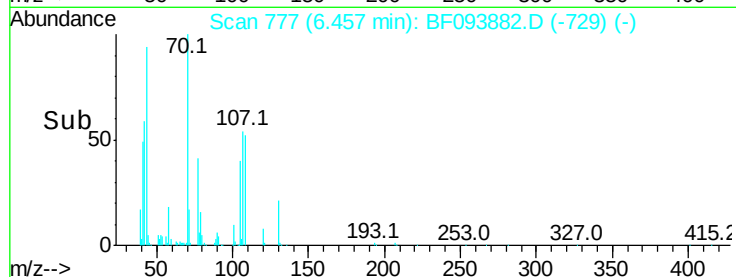
Abundance

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: 25.83 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion: 107 Resp: 291748

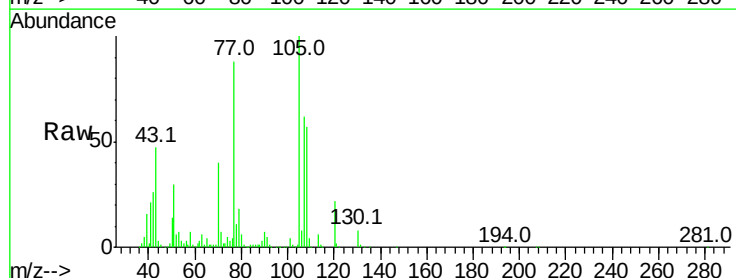
Ion Ratio Lower Upper

107 100

108 91.2 71.0 111.0

77 141.6 90.5 130.5#

79 28.3 8.4 48.4



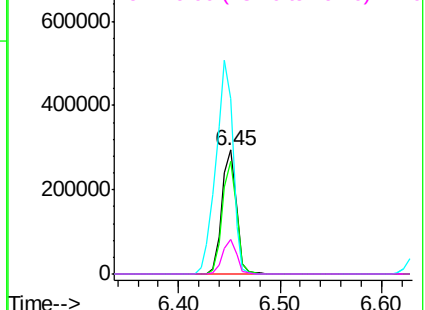
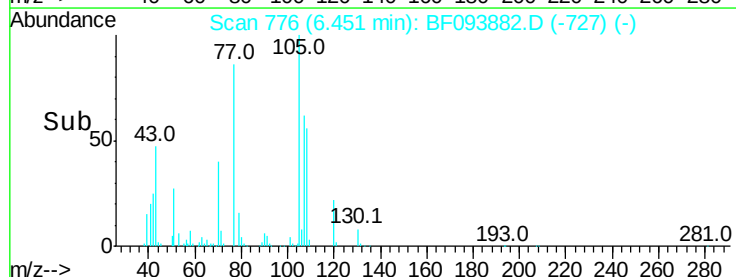
Abundance

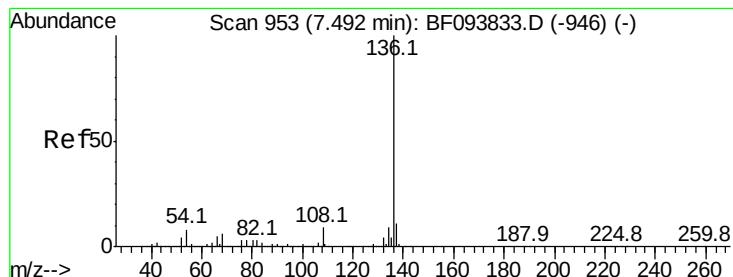
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.48 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

Tot Ion:136 Resp: 674213

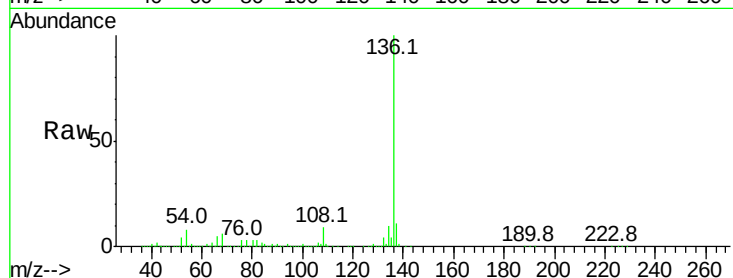
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.6 4.9 7.3#

68 5.8 4.1 6.1

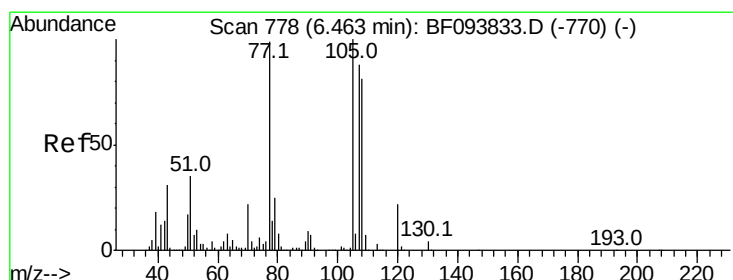
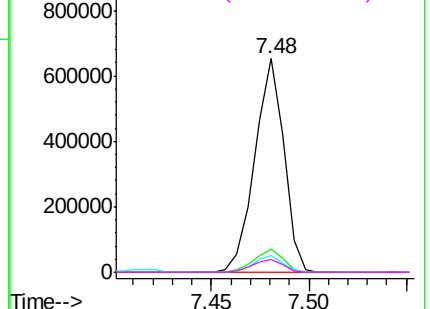
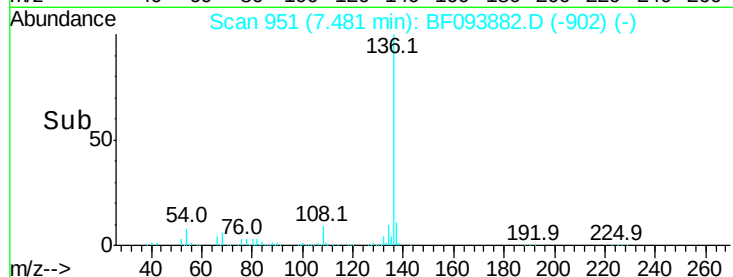


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.11 ng

RT: 6.45 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:105 Resp: 692892

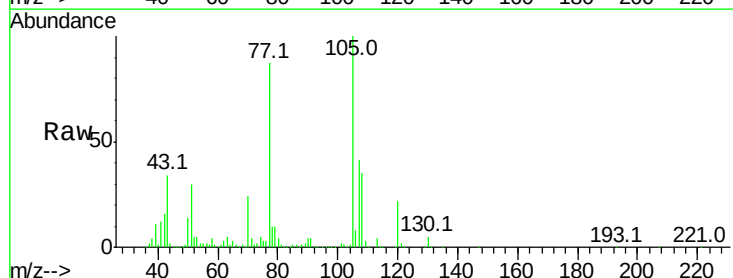
Ion Ratio Lower Upper

105 100

71 4.1 2.8 4.2

51 29.9 30.7 46.1#

120 22.3 17.4 26.0

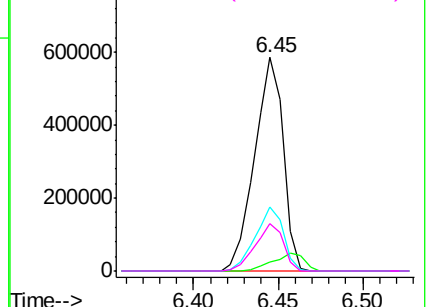
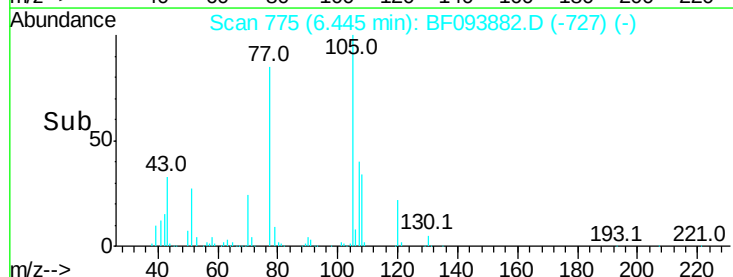


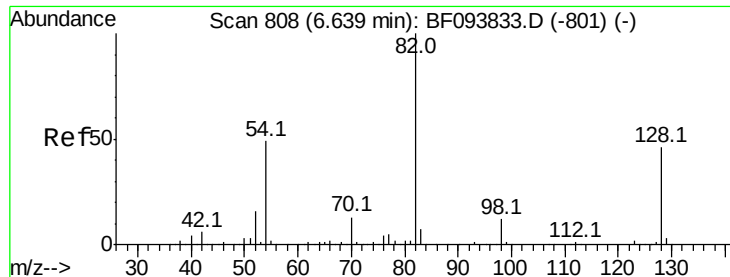
Abundance Ion 105.00 (104.70 to 105.70): E

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



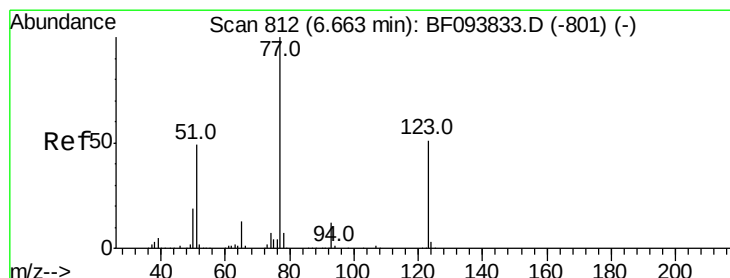
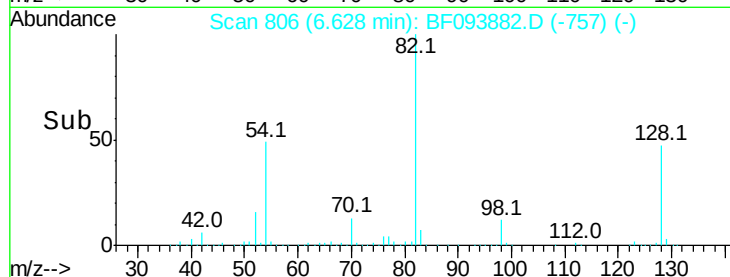
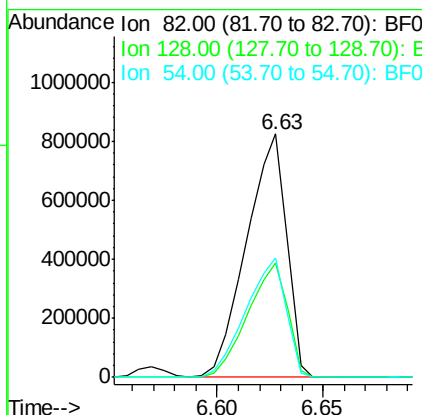
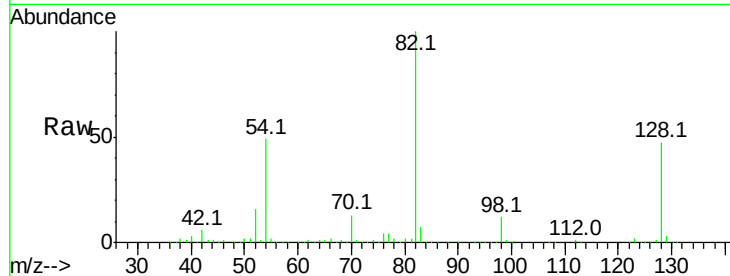


#23
 Nitrobenzene-d5
 Concen: 92.07 ng
 RT: 6.63 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampled :
 S8-0666MS

Tot Ion: 82 Resp: 1087681

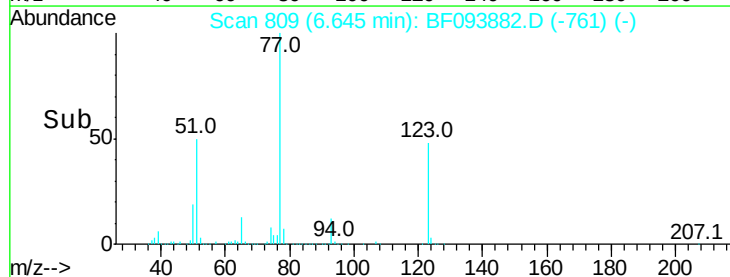
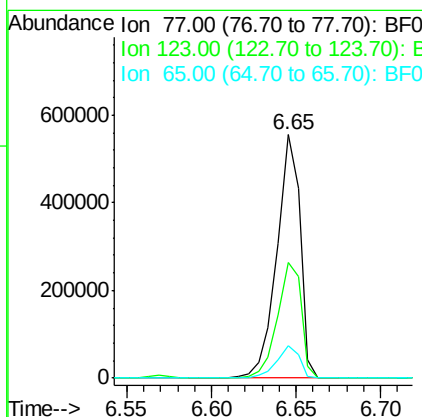
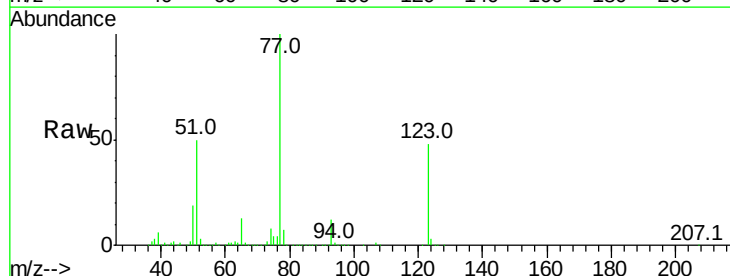
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	49.3	42.2	63.2

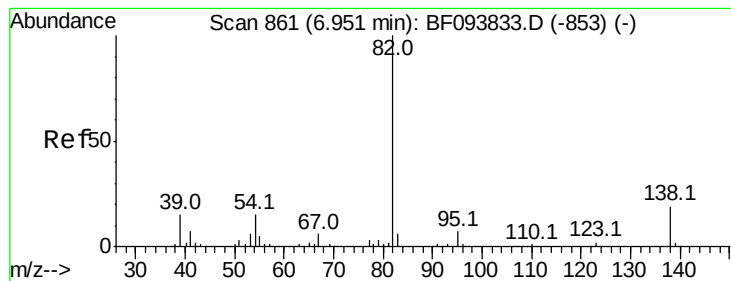


#24
 Nitrobenzene
 Concen: 45.66 ng
 RT: 6.65 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion: 77 Resp: 532052

Ion	Ratio	Lower	Upper
77	100		
123	47.7	35.8	53.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 46.88 ng

RT: 6.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

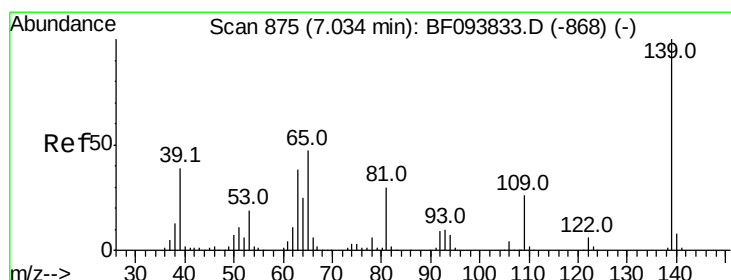
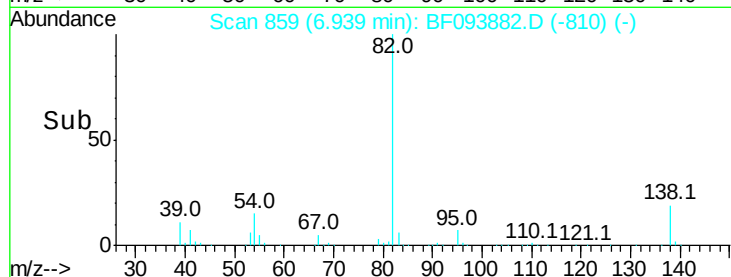
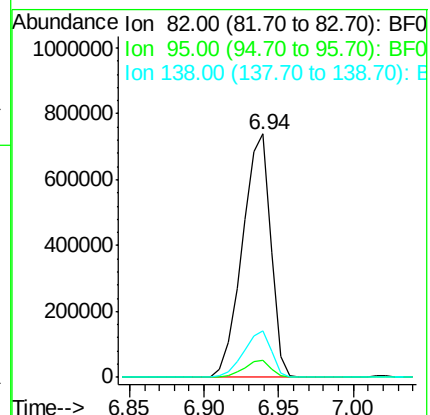
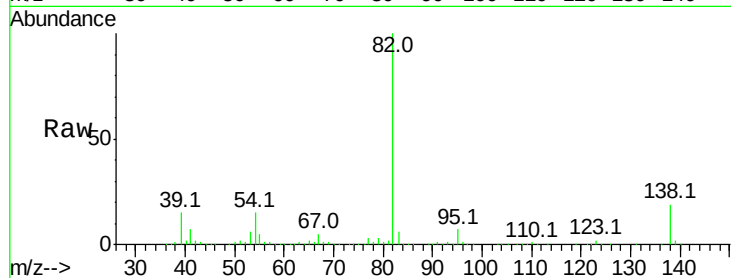
Tot Ion: 82 Resp: 973210

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 48.42 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

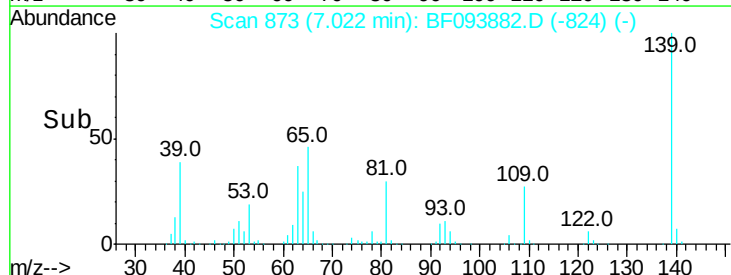
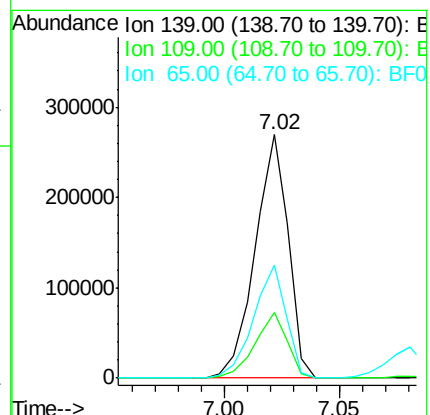
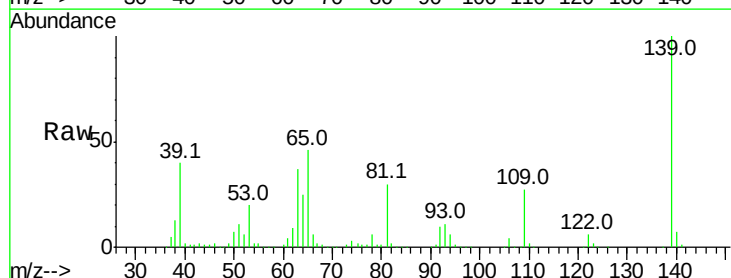
Tgt Ion: 139 Resp: 269052

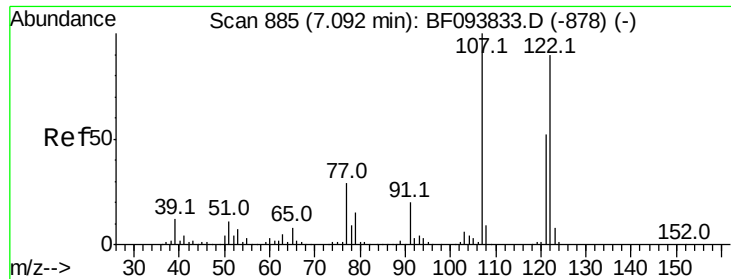
Ion Ratio Lower Upper

139 100

109 26.9 21.0 31.6

65 46.2 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.44 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampled :

S8-0666MS

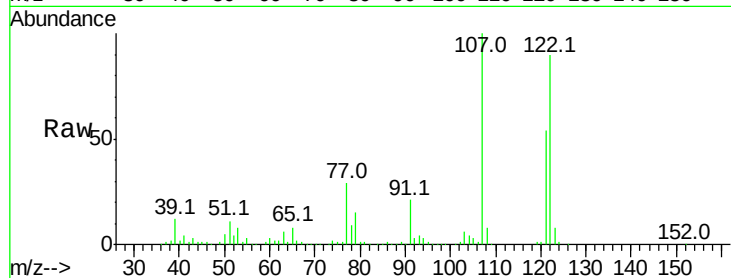
Tot Ion:122 Resp: 396789

Ion Ratio Lower Upper

122 100

107 111.2 89.2 133.8

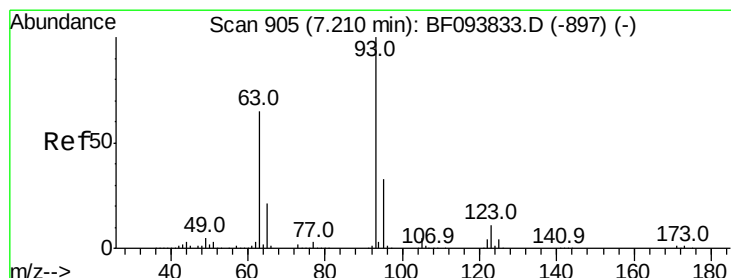
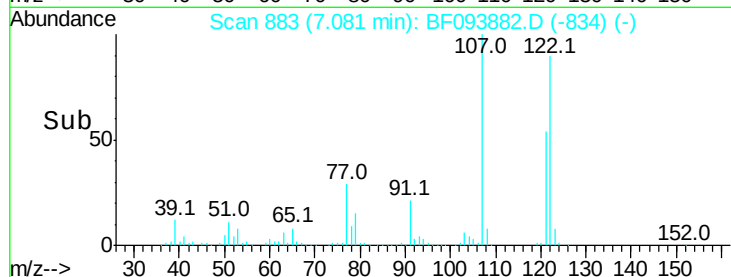
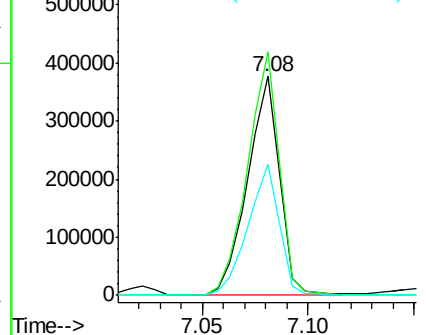
121 59.9 45.2 67.8



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: 44.96 ng

RT: 7.20 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

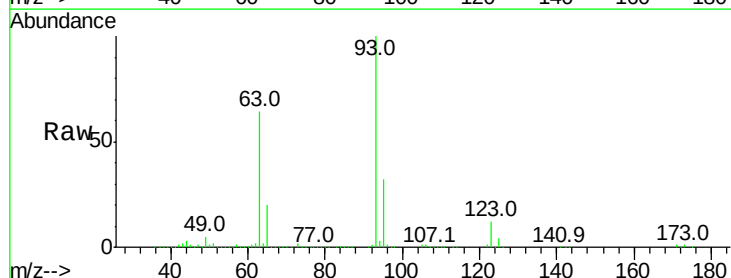
Tgt Ion: 93 Resp: 615487

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

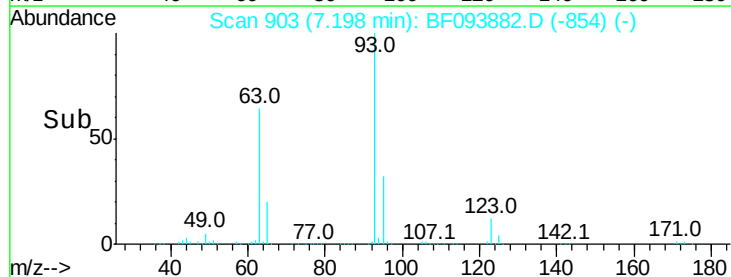
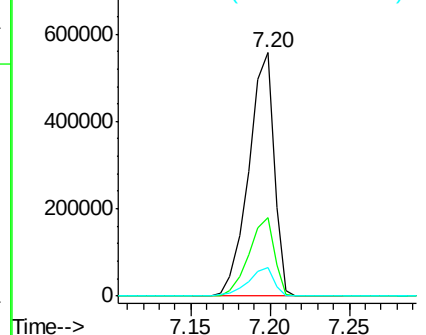
123 11.6 9.0 13.4

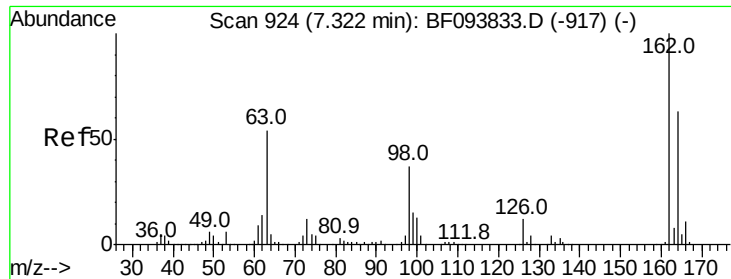


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

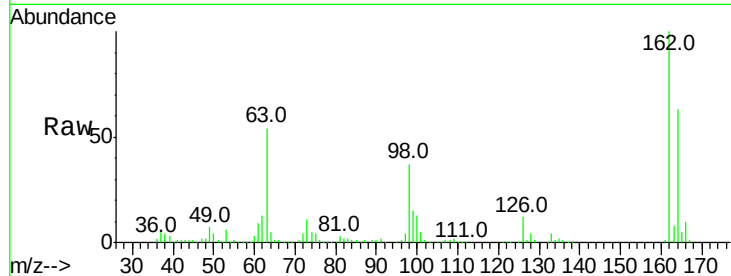




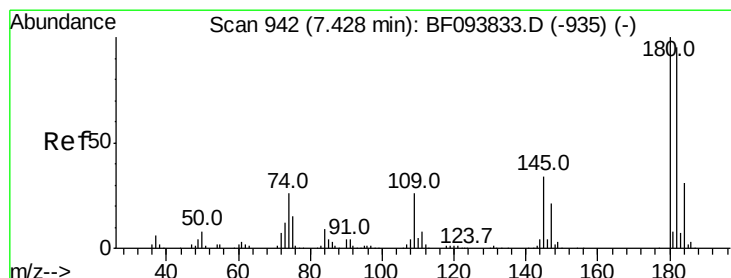
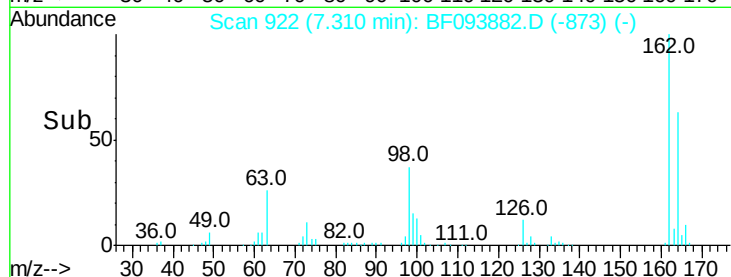
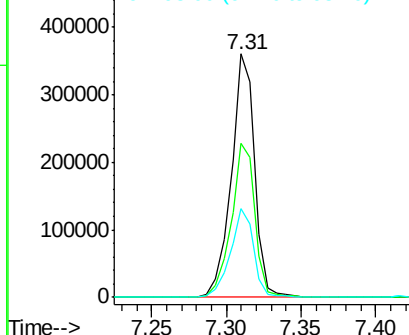
#29
 2,4-Dichlorophenol
 Concen: 44.33 ng
 RT: 7.31 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	36.7	14.8	54.8

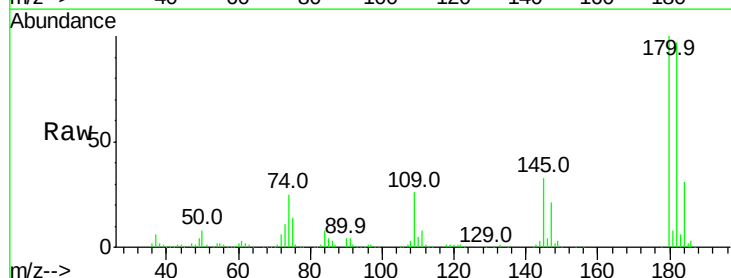


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

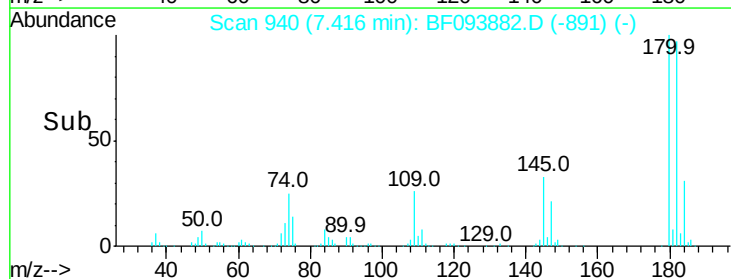
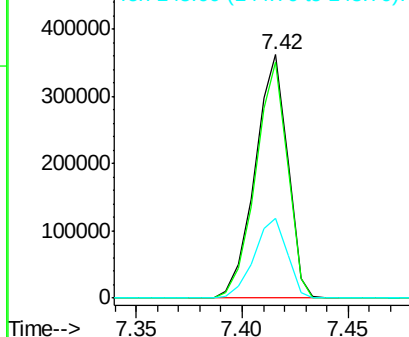


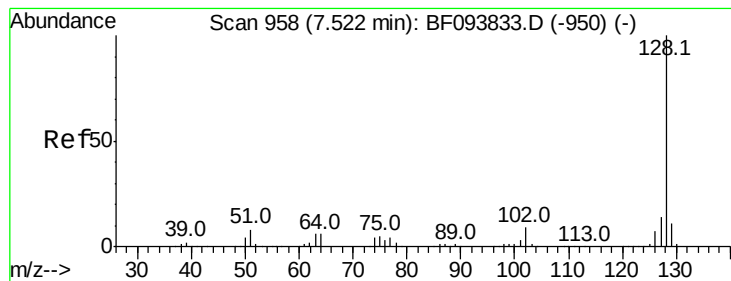
#30
 1,2,4-Trichlorobenzene
 Concen: 42.18 ng
 RT: 7.42 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.6
145	32.8	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: 41.85 ng

RT: 7.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

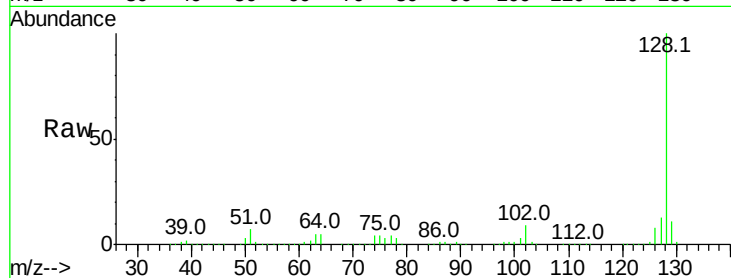
Tot Ion:128 Resp: 1356605

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

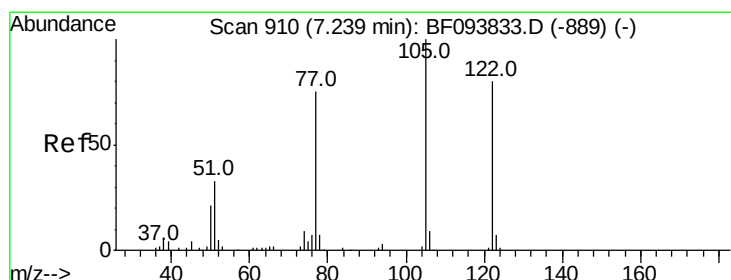
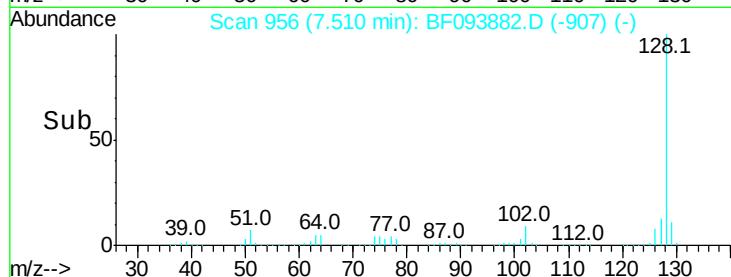
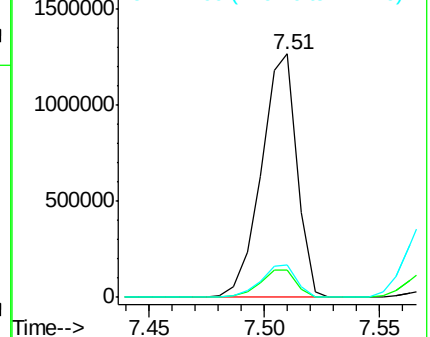
127 13.4 10.8 16.2



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: 10.43 ng

RT: 7.19 min Scan# 901

Delta R.T. -0.05 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

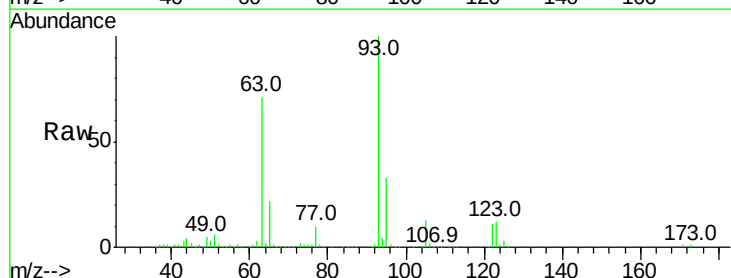
Tgt Ion:122 Resp: 66489

Ion Ratio Lower Upper

122 100

105 120.6 103.3 143.3

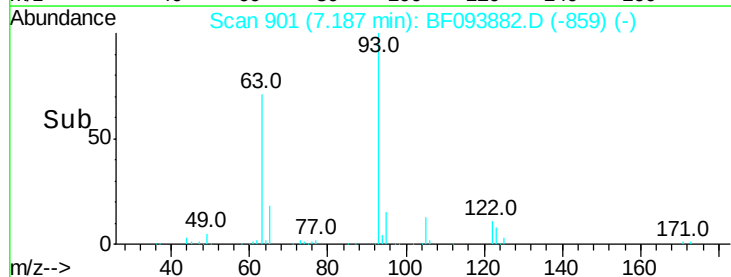
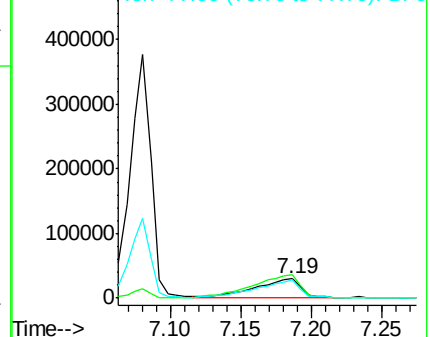
77 94.2 73.7 113.7

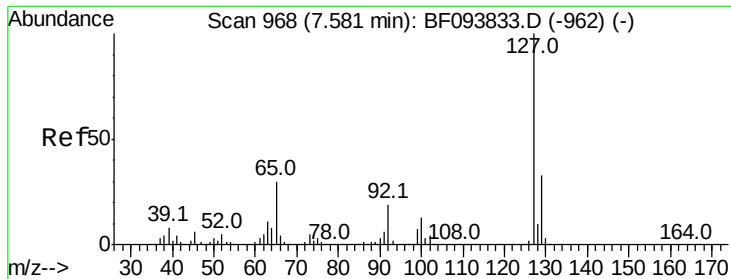


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

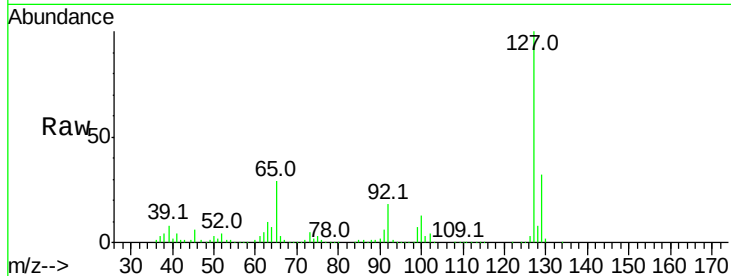




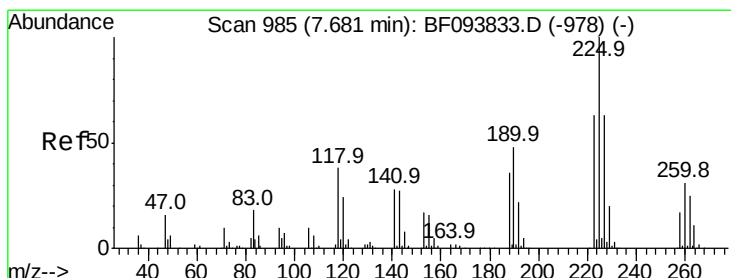
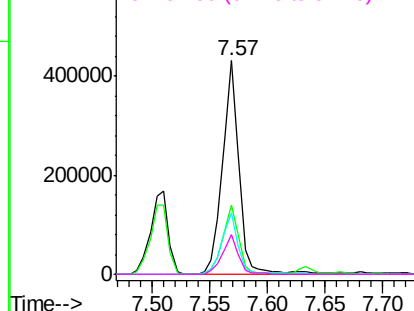
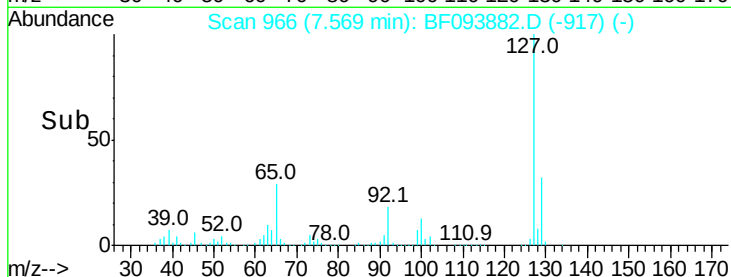
#33
4-Chloroaniline
Concen: 33.15 ng
RT: 7.57 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tot Ion:	127	Resp:	435590
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	28.6	27.8	41.8
92	18.4	16.8	25.2

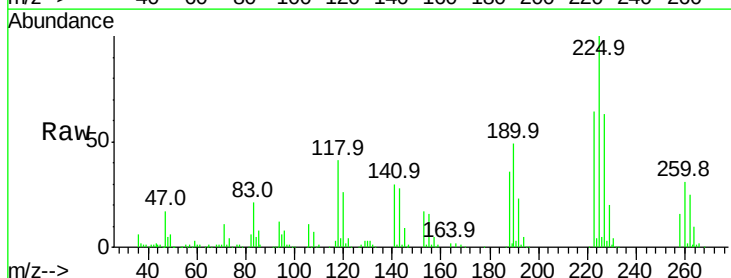


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

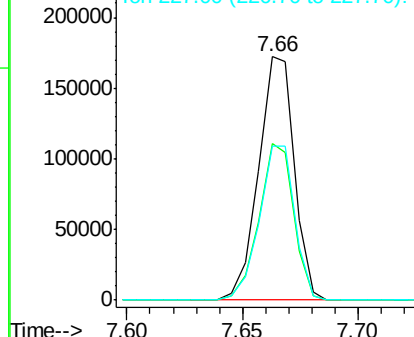
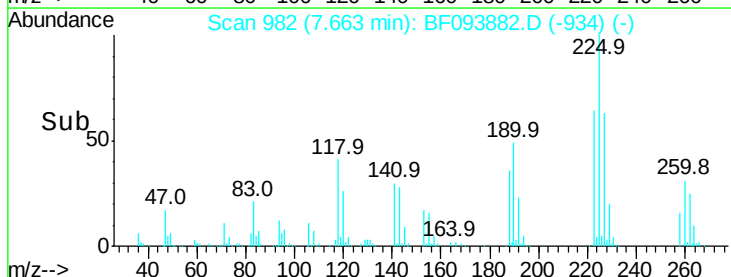


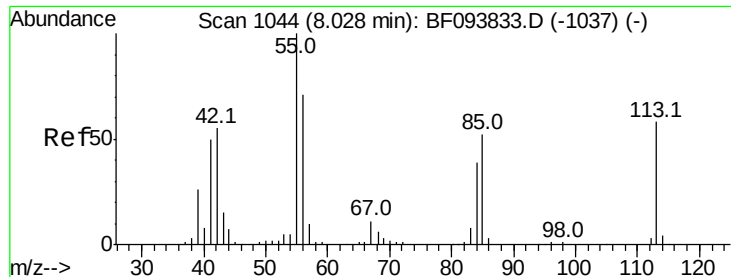
#34
Hexachlorobutadiene
Concen: 39.19 ng
RT: 7.66 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion:	225	Resp:	185284
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	63.1	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 5.48 ng

RT: 8.02 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

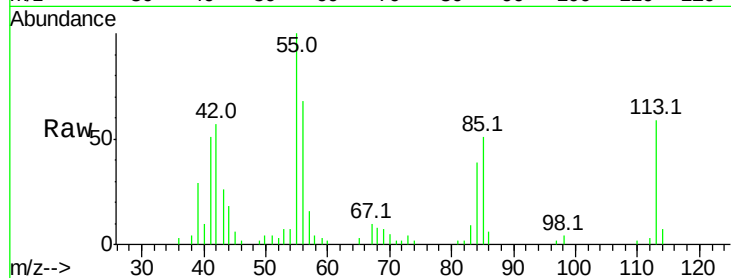
Tot Ion:113 Resp: 15640

Ion Ratio Lower Upper

113 100

55 168.1 150.2 190.2

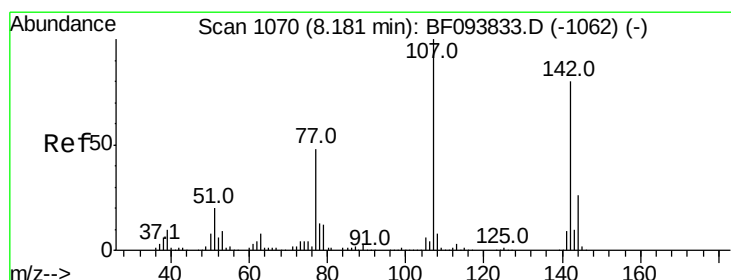
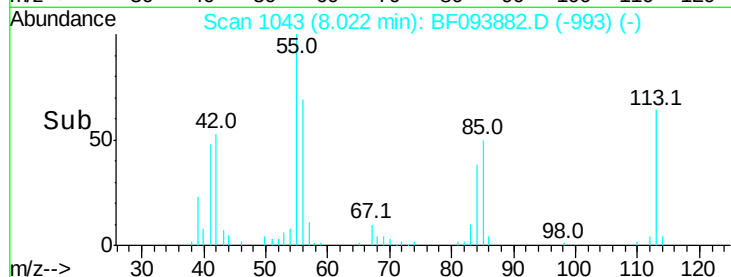
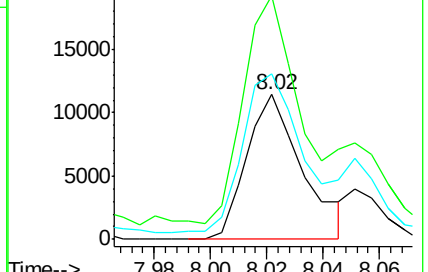
56 114.7 107.8 147.8



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: 40.90 ng

RT: 8.16 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

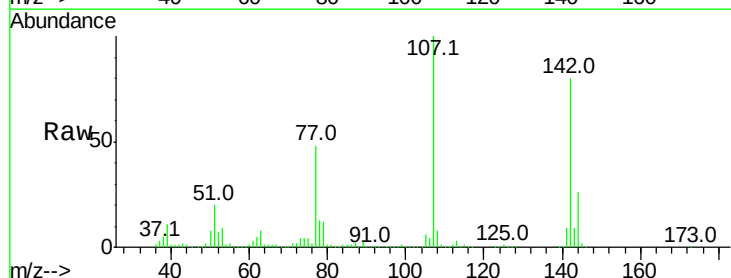
Tgt Ion:107 Resp: 382612

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

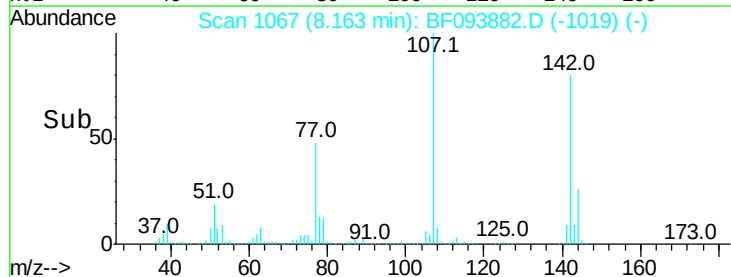
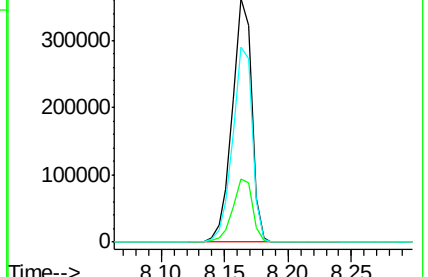
142 80.2 73.4 110.0

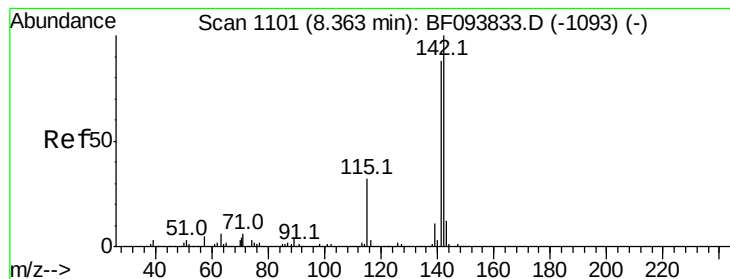


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.82 ng

RT: 8.35 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

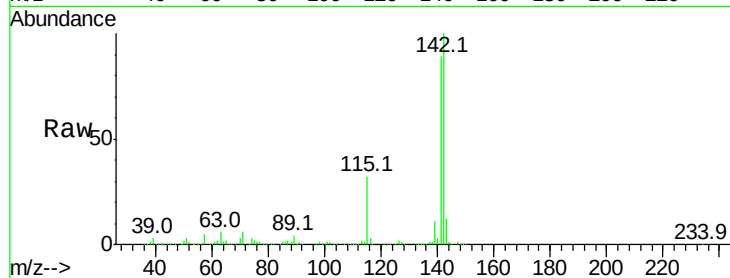
Tot Ion:142 Resp: 968564

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

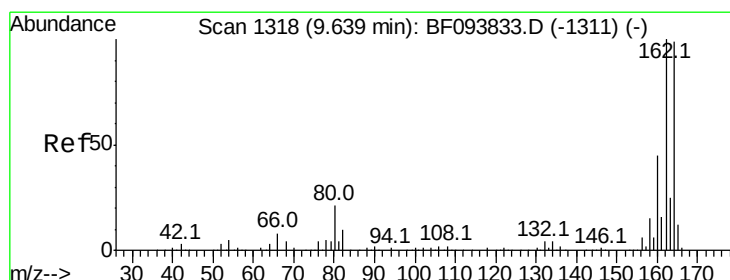
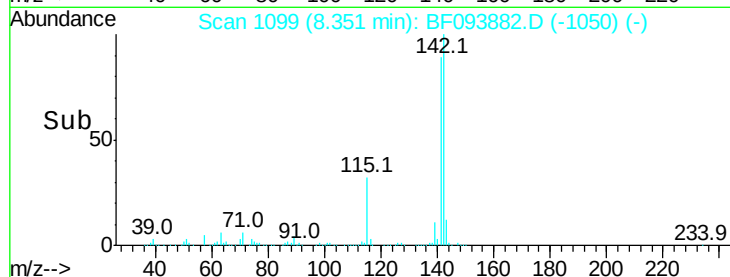
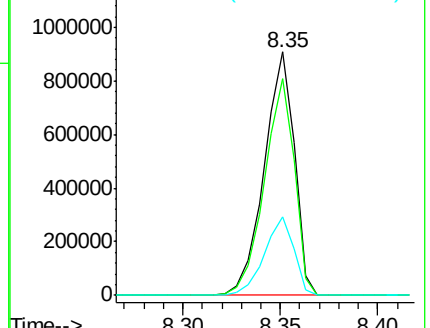
115 32.3 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

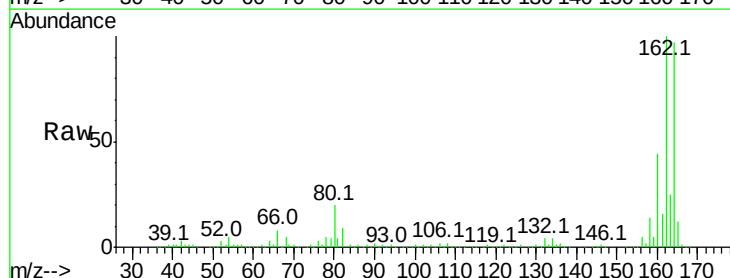
Tgt Ion:164 Resp: 304821

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

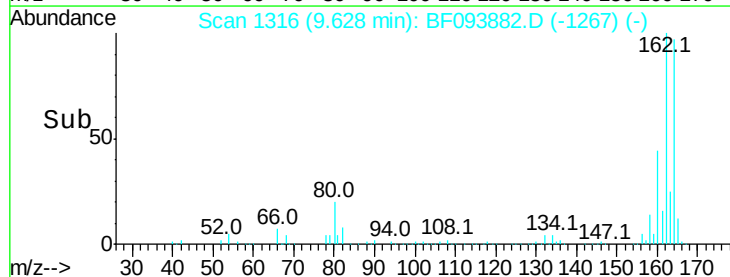
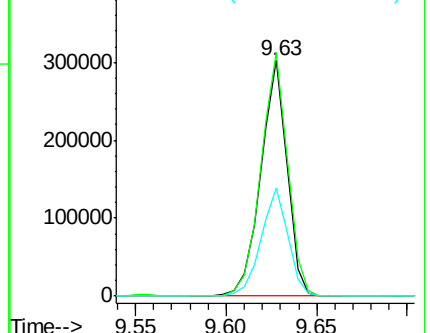
160 45.6 36.2 54.2

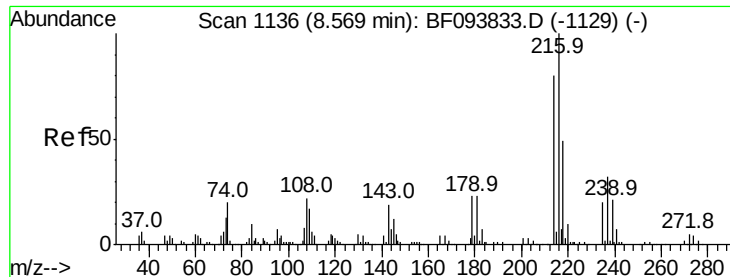


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

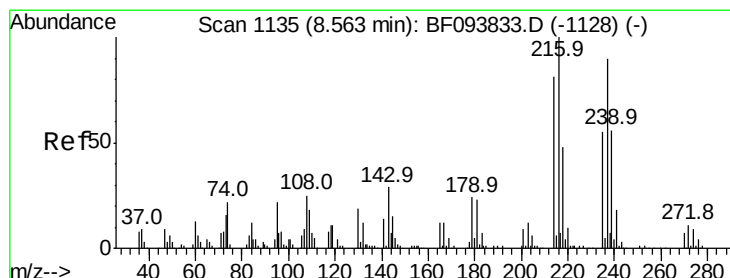
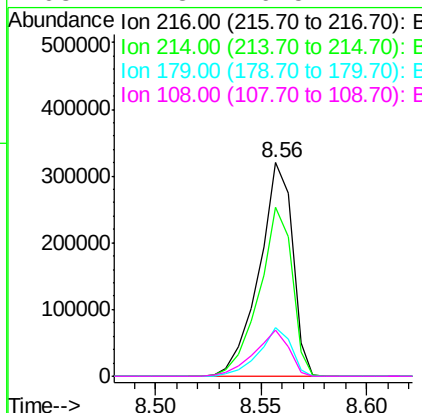
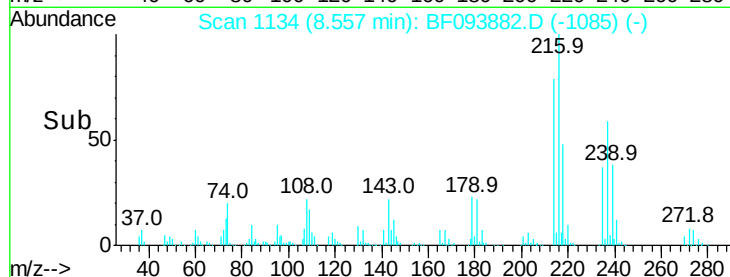
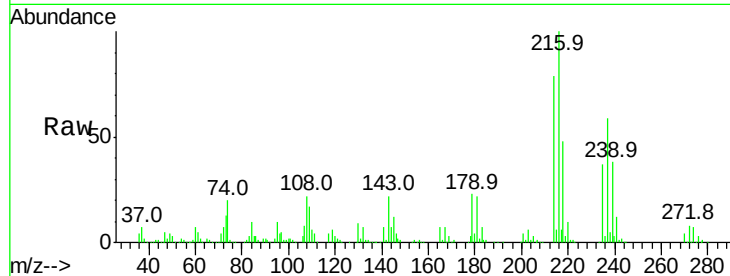




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.25 ng
 RT: 8.56 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

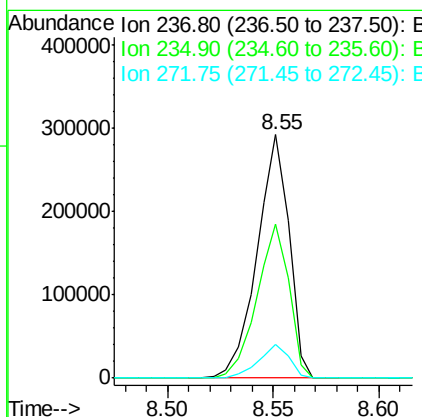
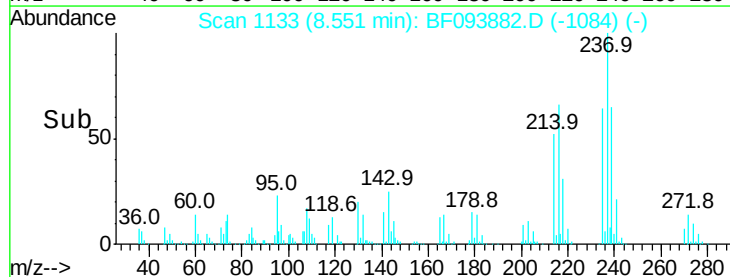
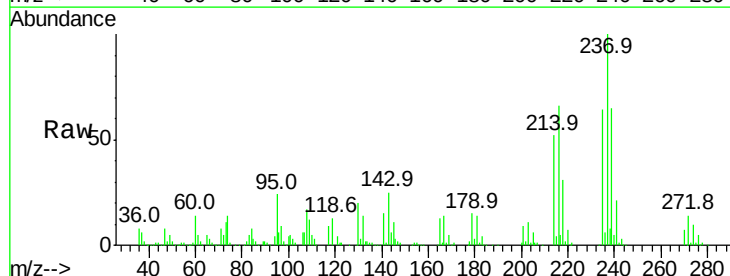
Instrument :
 BNA_F
 ClientSampleID :
 S8-0666MS

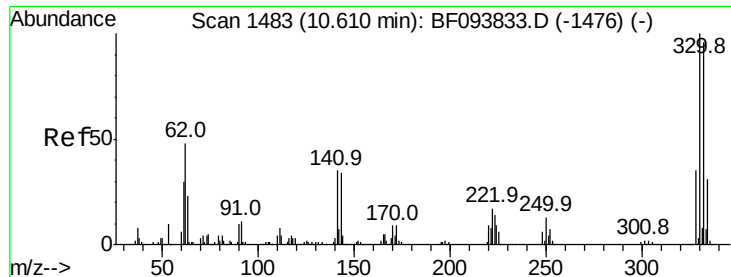
Tot Ion:	216	Resp:	352293
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.4	95.2
179	22.1	17.9	26.9
108	22.3	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 78.51 ng
 RT: 8.55 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion:	237	Resp:	306361
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.6	82.6
272	13.6	0.0	31.9

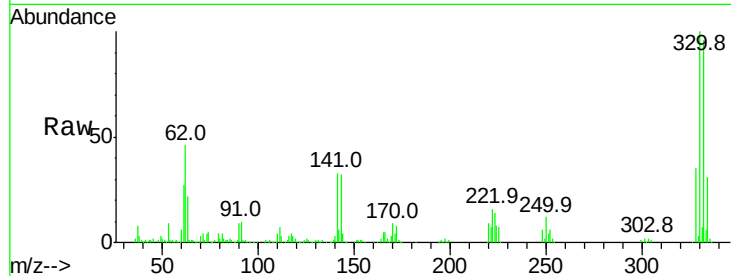




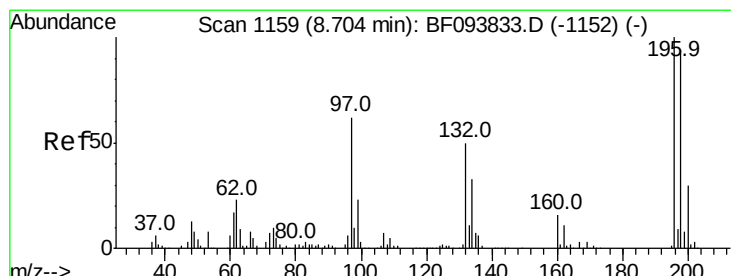
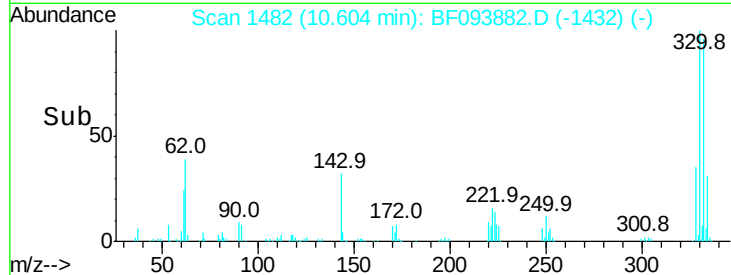
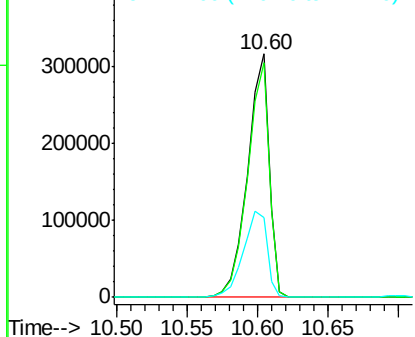
#41
 2,4,6-Tribromophenol
 Concen: 141.72 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tot Ion:330 Resp: 341373
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.1 31.4 47.2

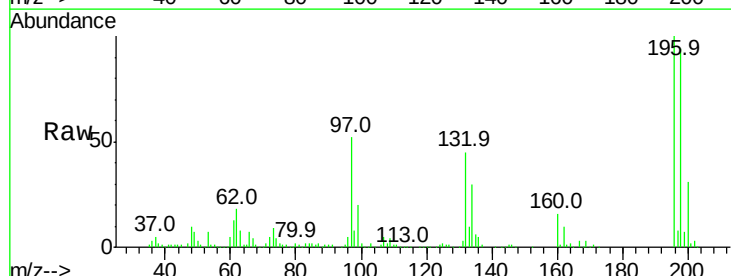


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

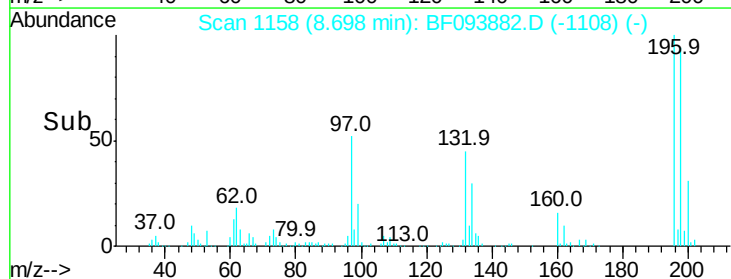
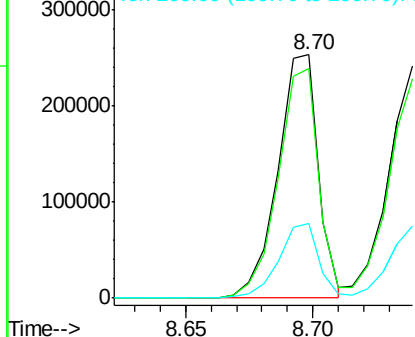


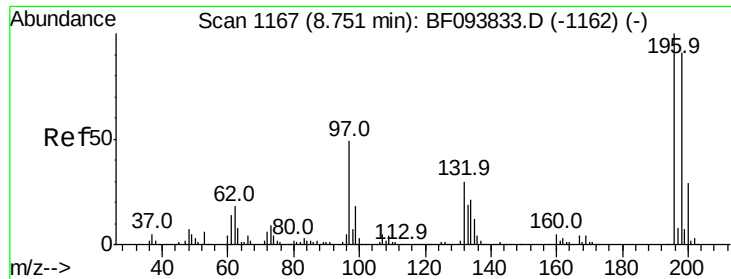
#42
 2,4,6-Trichlorophenol
 Concen: 47.48 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion:196 Resp: 280137
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.2 111.4
 200 30.6 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

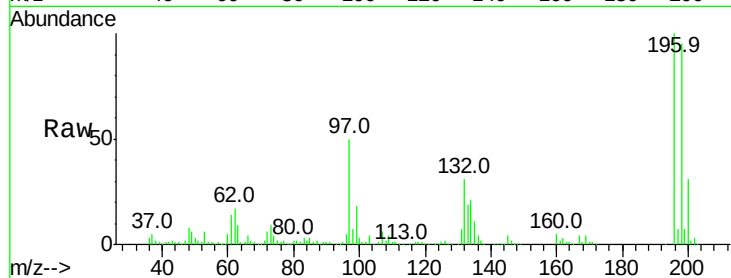




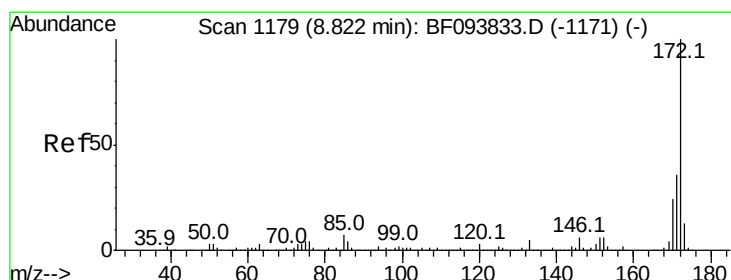
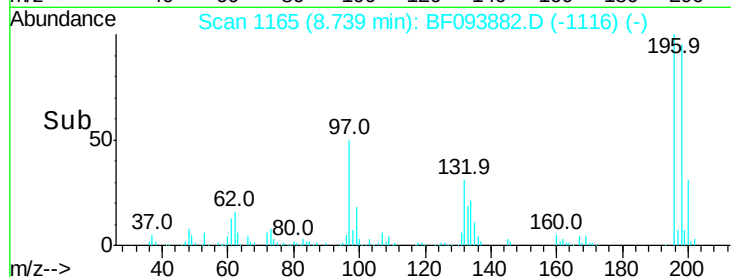
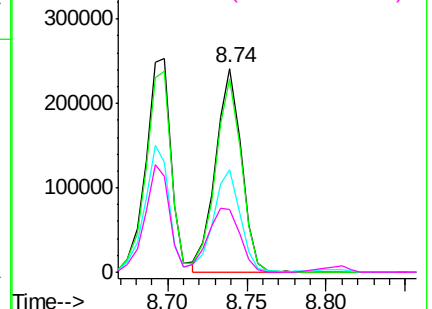
#43
 2,4,5-Trichlorophenol
 Concen: 43.16 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tot Ion:	196	Resp:	275508
Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
97	50.0	47.7	71.5
132	31.0	28.0	42.0

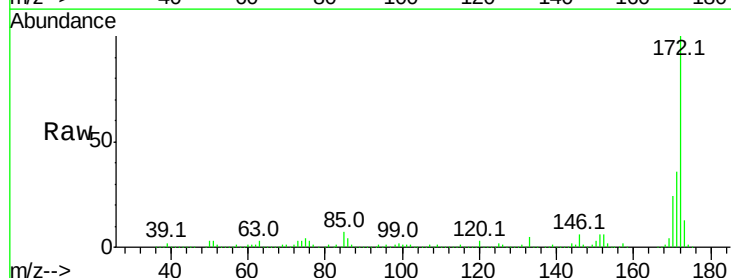


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

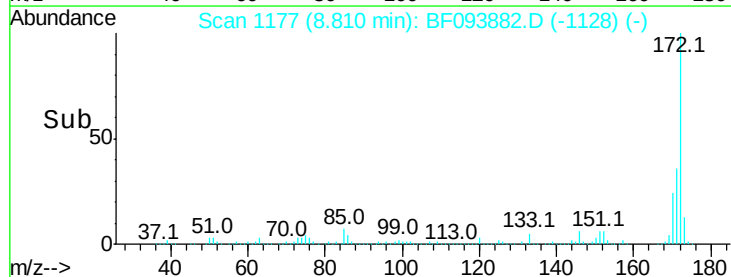
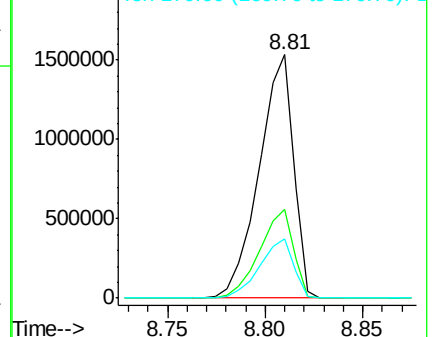


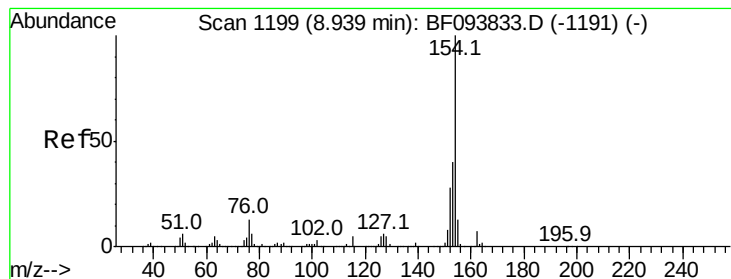
#44
 2-Fluorobiphenyl
 Concen: 93.52 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion:	172	Resp:	1868914
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8



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: 44.65 ng

RT: 8.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

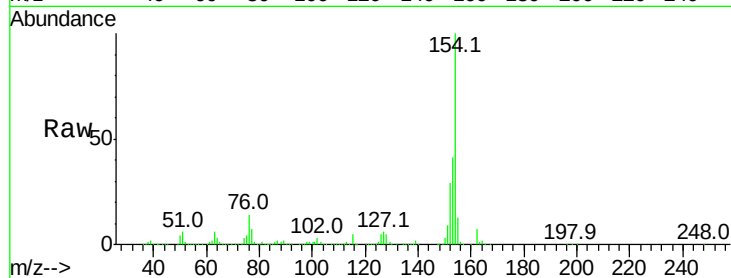
Tot Ion:154 Resp: 1097732

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

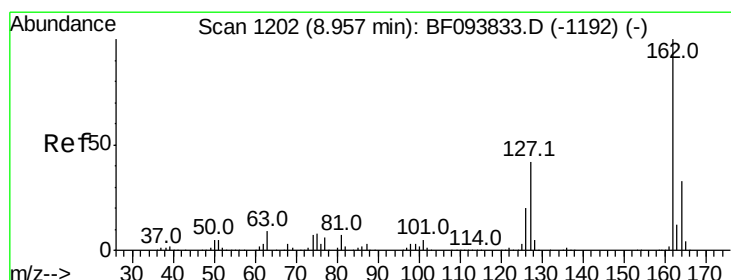
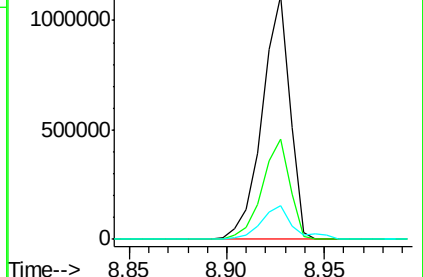
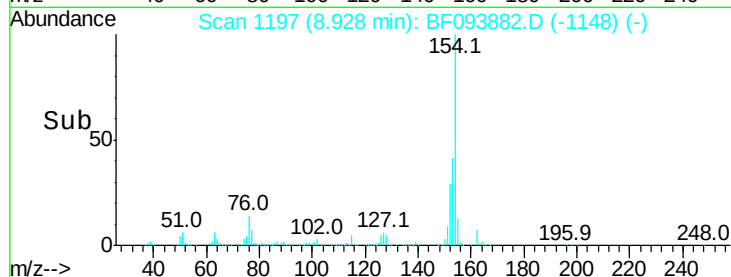
76 13.6 0.0 29.9



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: 45.14 ng

RT: 8.95 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

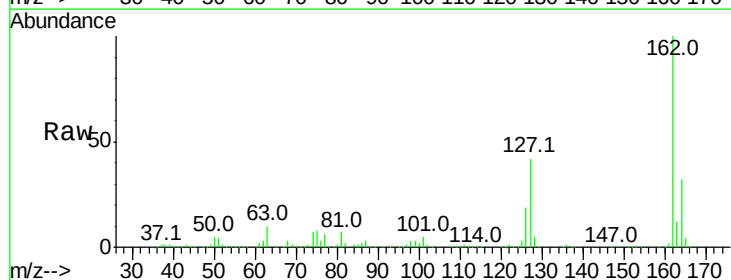
Tgt Ion:162 Resp: 868816

Ion Ratio Lower Upper

162 100

127 41.6 28.3 42.5

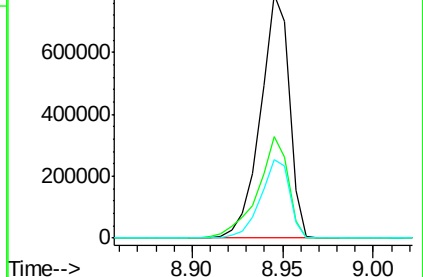
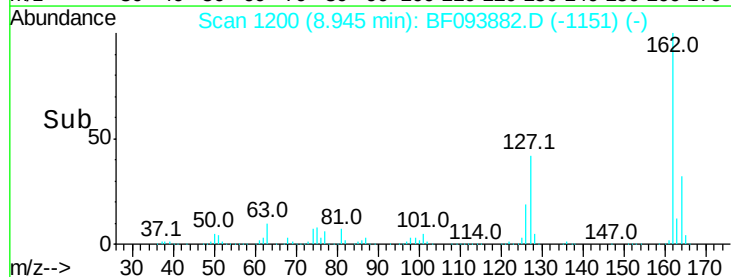
164 32.2 27.0 40.4

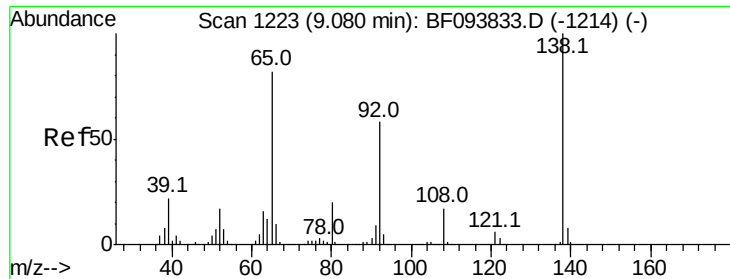


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

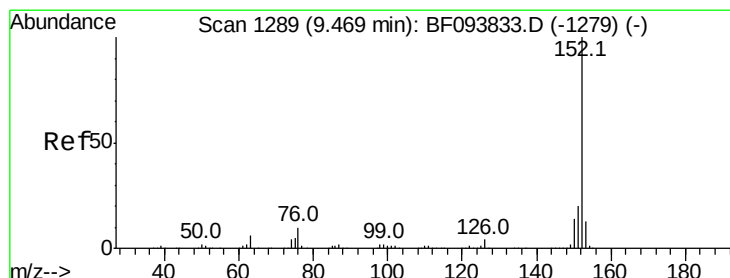
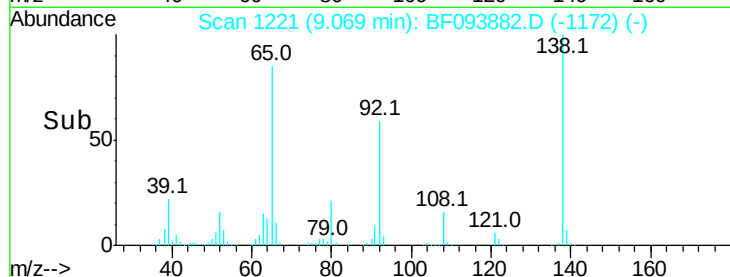
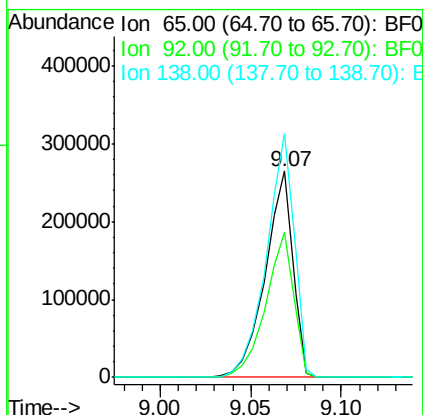
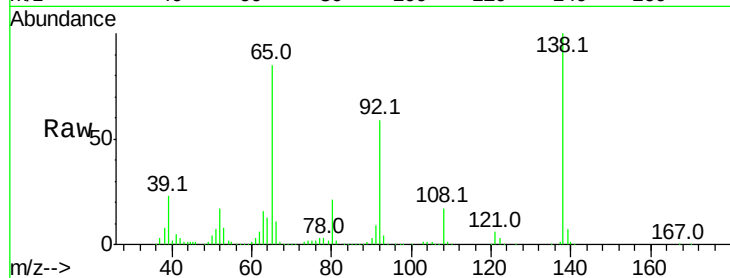




#47
2-Nitroaniline
Concen: 49.15 ng
RT: 9.07 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

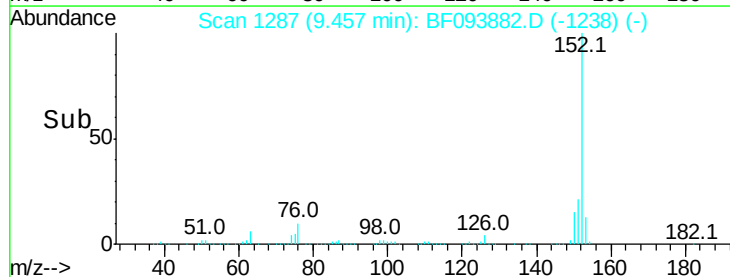
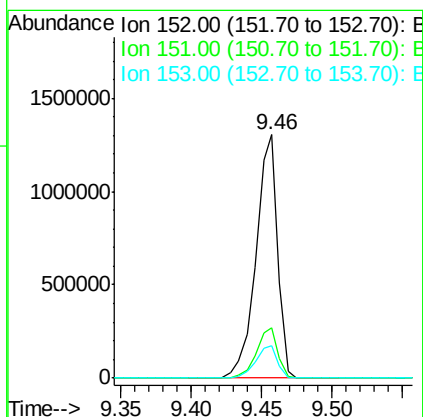
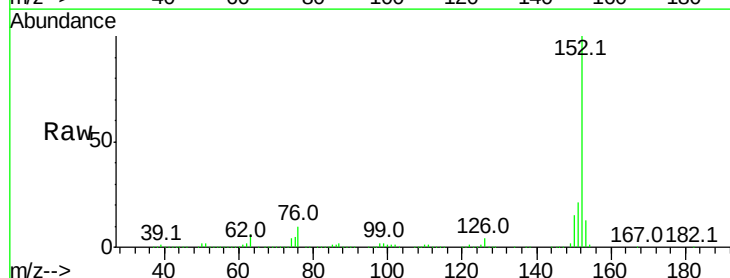
Instrument :
BNA_F
ClientSampleId :
S8-0666MS

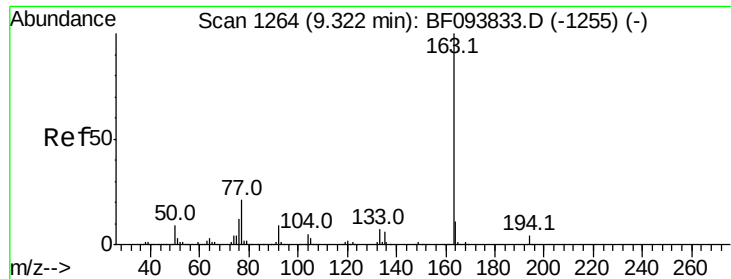
Tot Ion: 65 Resp: 280617
Ion Ratio Lower Upper
65 100
92 70.2 53.9 80.9
138 118.1 78.8 118.2



#48
Acenaphthylene
Concen: 43.82 ng
RT: 9.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion:152 Resp: 1401799
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.1 10.8 16.2

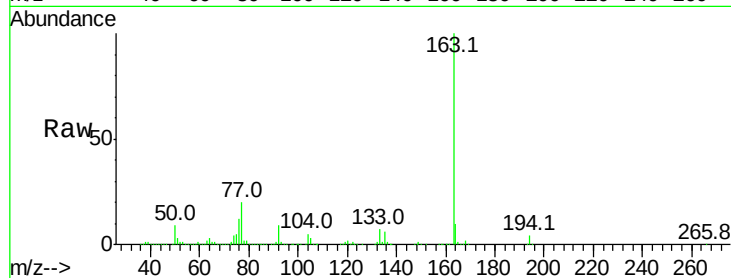




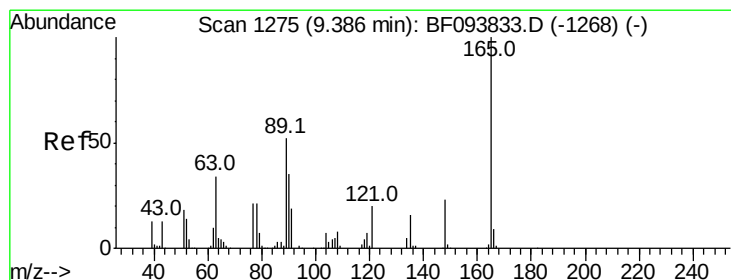
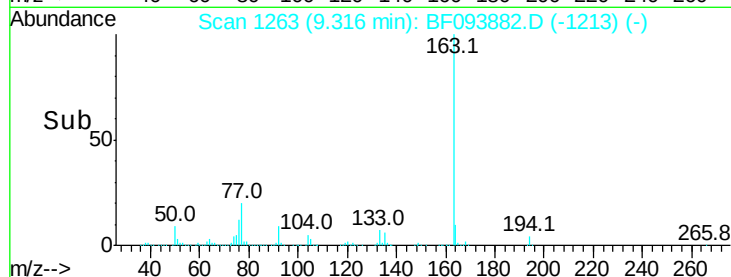
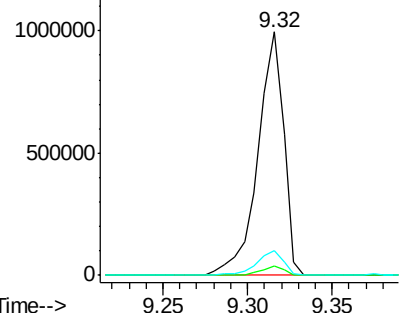
#49
 Dimethylphthalate
 Concen: 48.67 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tot Ion:163	Resp: 1054501
Ion Ratio	Lower Upper
163 100	
194 3.6	2.6 4.0
164 10.4	8.4 12.6

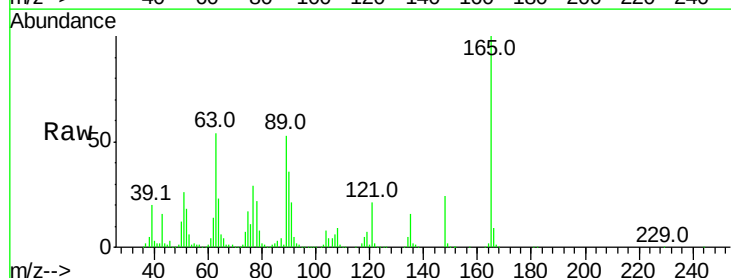


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

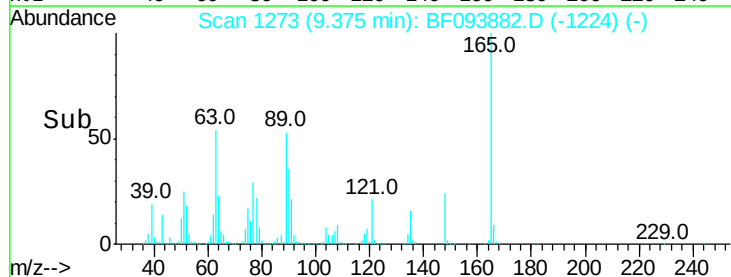
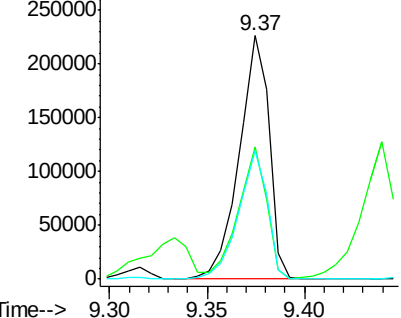


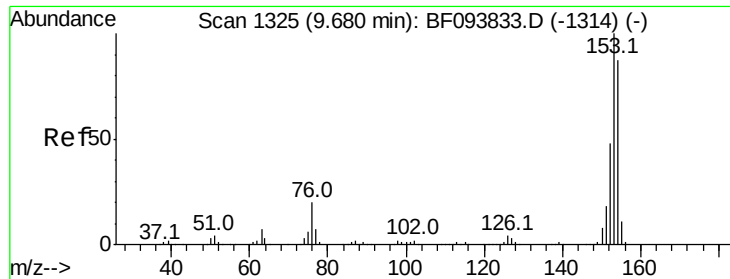
#50
 2,6-Dinitrotoluene
 Concen: 48.35 ng
 RT: 9.37 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion	165	Resp: Lower	240182 Upper
	Ratio		
165	100		
63	54.2	34.3	51.5#
89	52.8	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: 44.75 ng

RT: 9.67 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

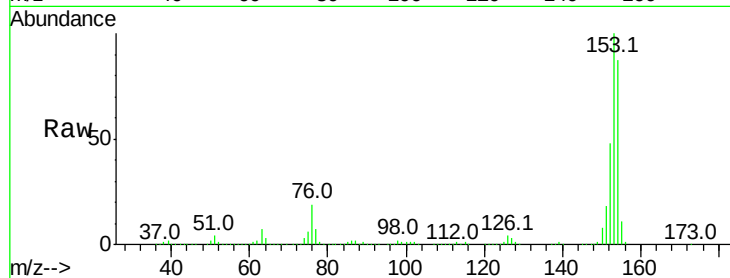
Tot Ion:154 Resp: 835254

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

152 55.1 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

1200000

1000000

800000

600000

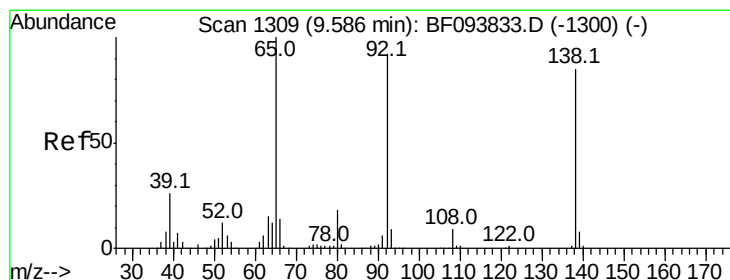
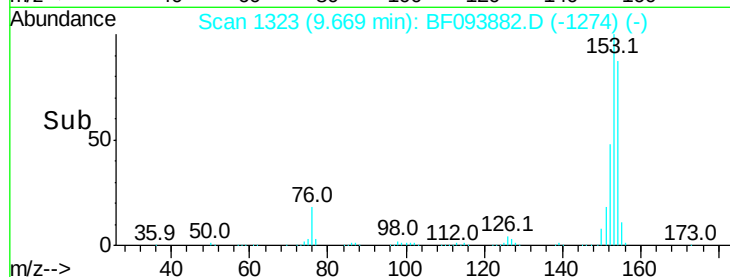
400000

200000

0

9.60 9.65 9.70

Time-->



#52

3-Nitroaniline

Concen: 34.26 ng

RT: 9.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

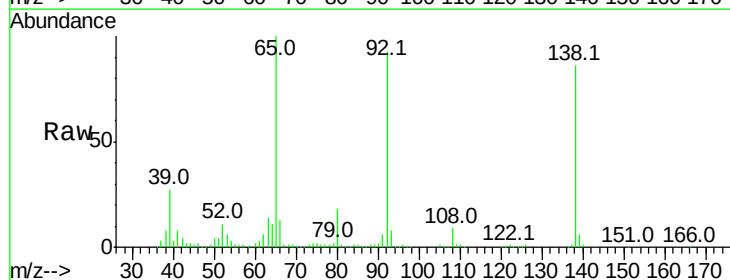
Tgt Ion:138 Resp: 199853

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

92 107.4 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

250000

200000

150000

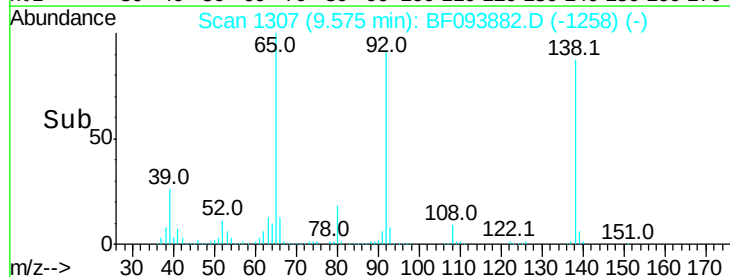
100000

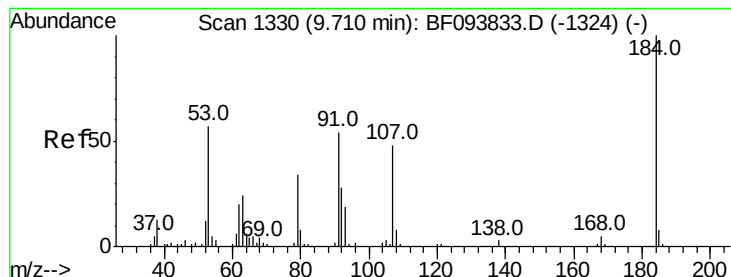
50000

0

9.45 9.50 9.55 9.60 9.65

Time-->





#53

2,4-Dinitrophenol

Concen: 60.74 ng

RT: 9.70 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

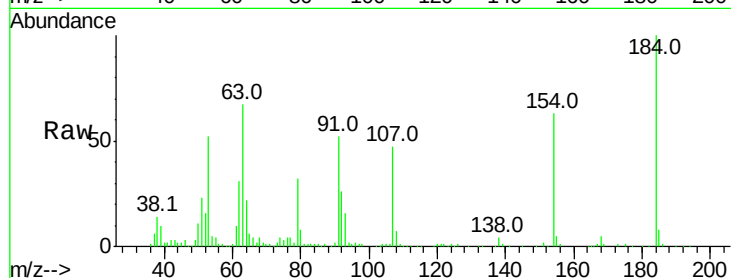
Tot Ion:184 Resp: 158291

Ion Ratio Lower Upper

184 100

63 66.6 62.7 94.1

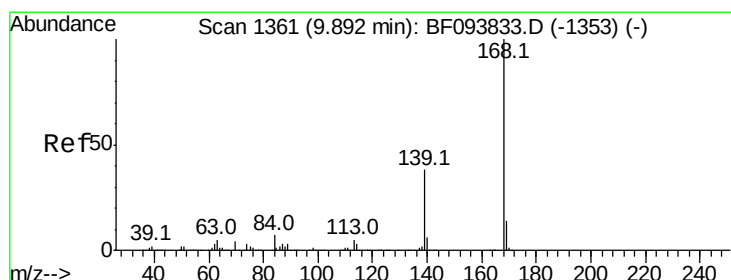
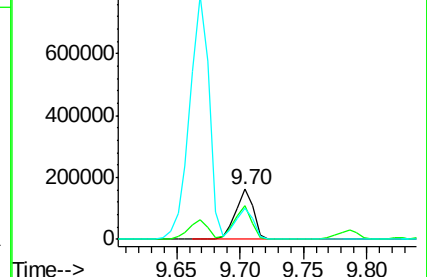
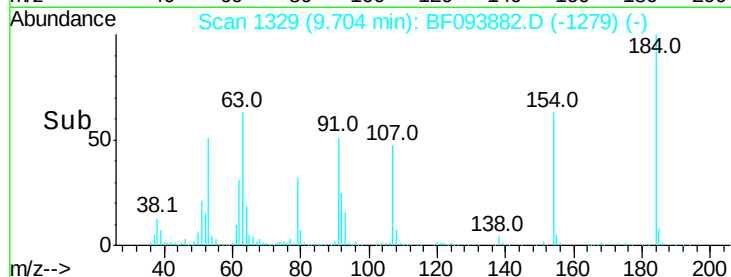
154 63.4 81.1 121.7#



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: 48.92 ng

RT: 9.88 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

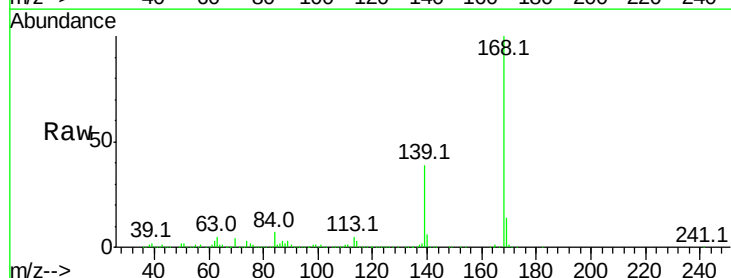
Tgt Ion:168 Resp: 1243040

Ion Ratio Lower Upper

168 100

139 39.0 30.6 45.8

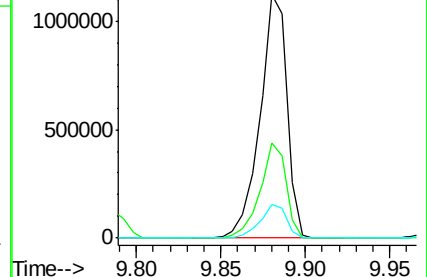
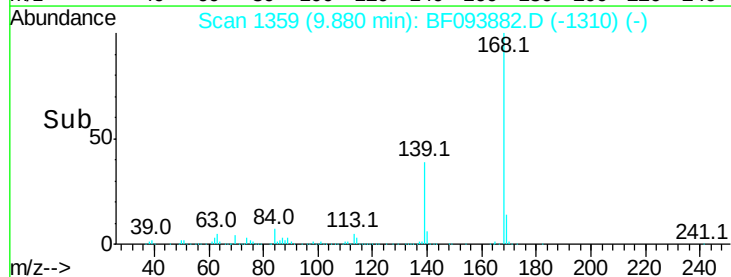
169 13.7 10.8 16.2

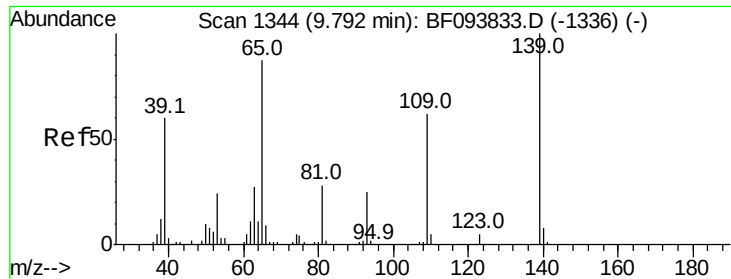


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 29.46 ng

RT: 9.79 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

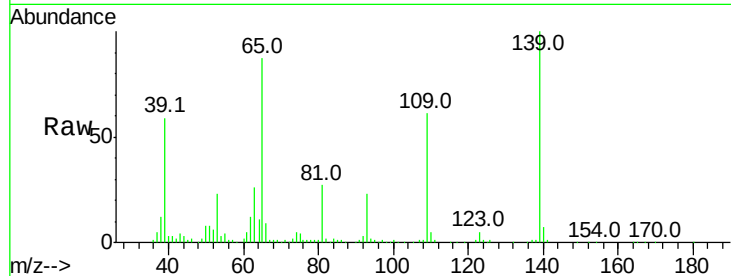
Tot Ion:139 Resp: 134575

Ion Ratio Lower Upper

139 100

109 61.4 34.1 74.1

65 87.0 31.4 71.4#

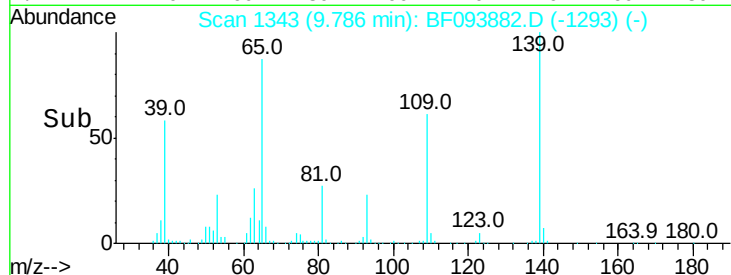


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



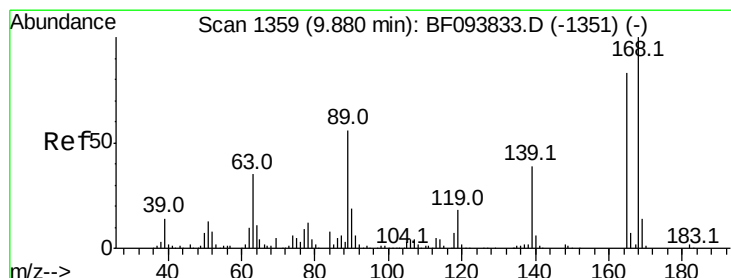
Abundance

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

Time-->



#56

2,4-Dinitrotoluene

Concen: 49.38 ng

RT: 9.87 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:165 Resp: 308083

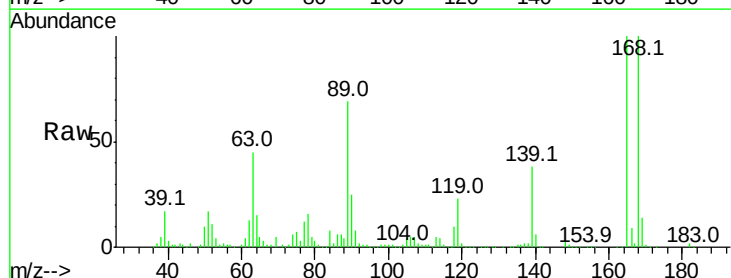
Ion Ratio Lower Upper

165 100

63 45.5 25.4 38.0#

89 69.5 46.4 69.6

182 2.3 1.8 2.6



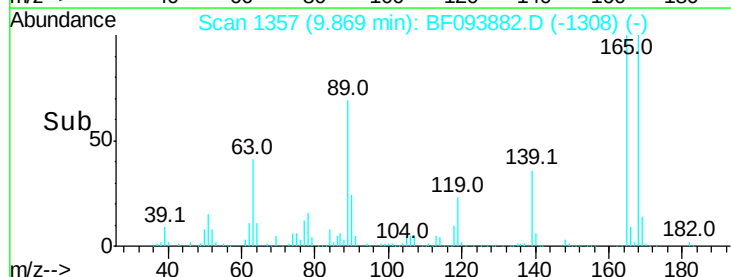
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

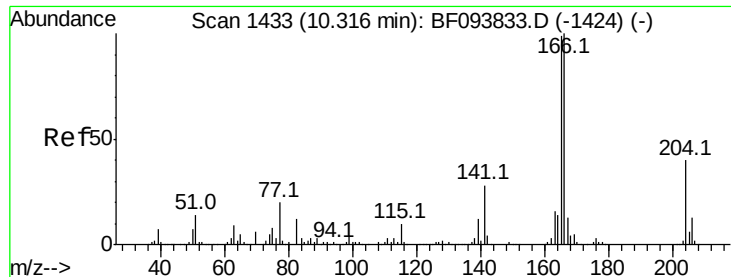
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

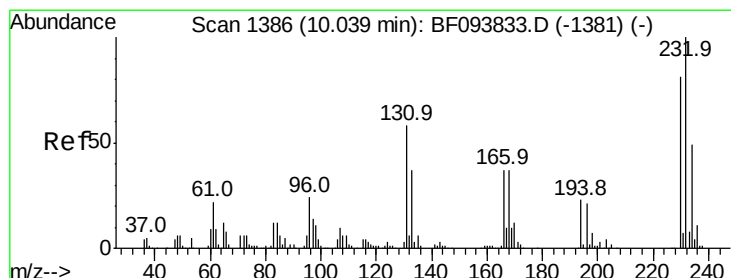
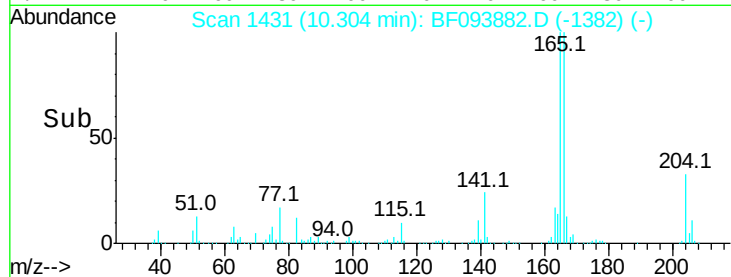
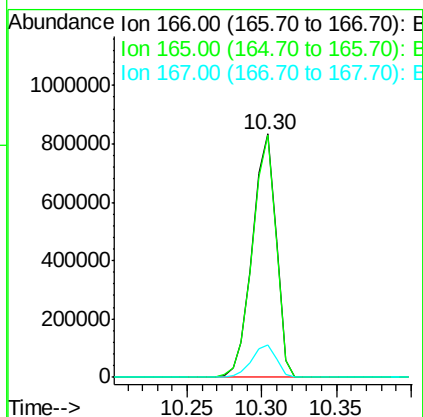
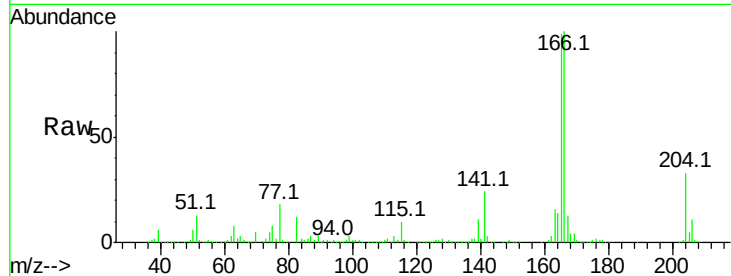
Time-->



#57
 Fluorene
 Concen: 43.35 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

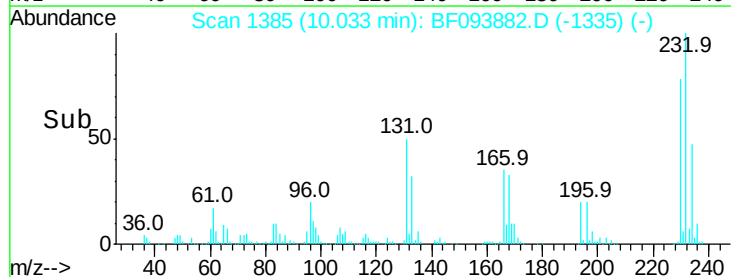
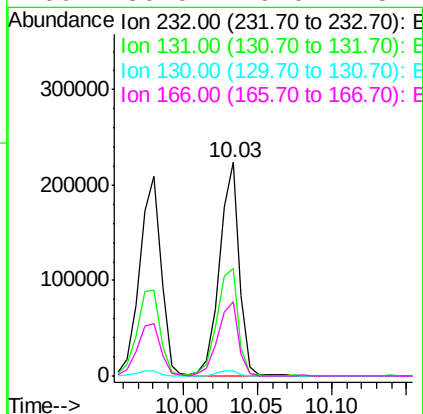
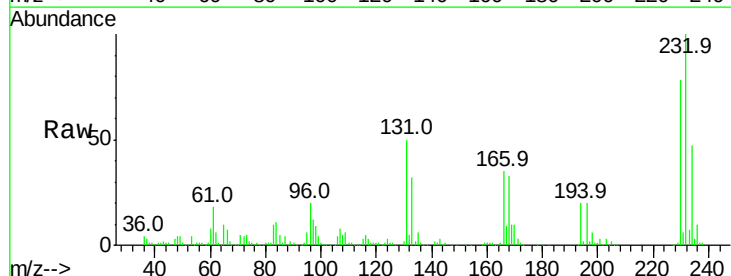
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

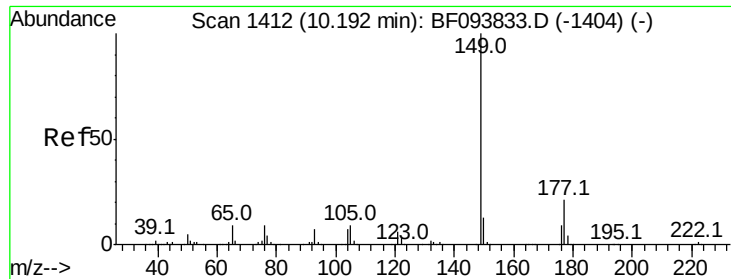
Tot Ion:166 Resp: 913294
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.34 ng
 RT: 10.03 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion:232 Resp: 207362
 Ion Ratio Lower Upper
 232 100
 131 53.9 44.8 67.2
 130 2.7 2.3 3.5
 166 36.0 29.0 43.4

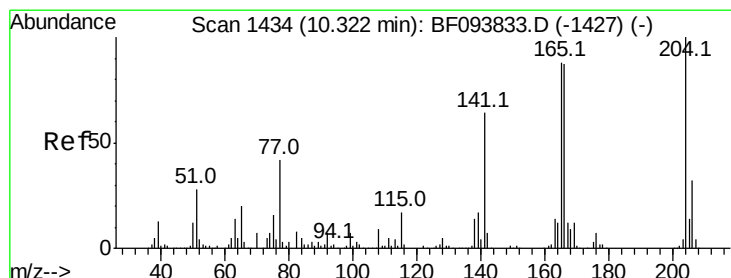
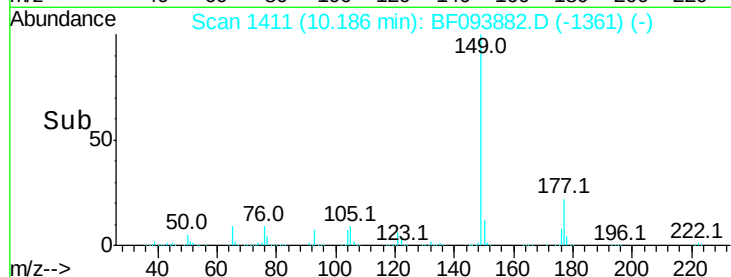
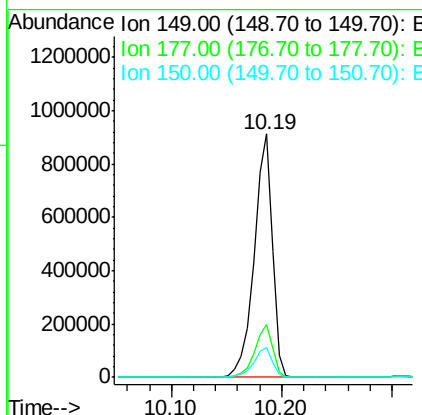
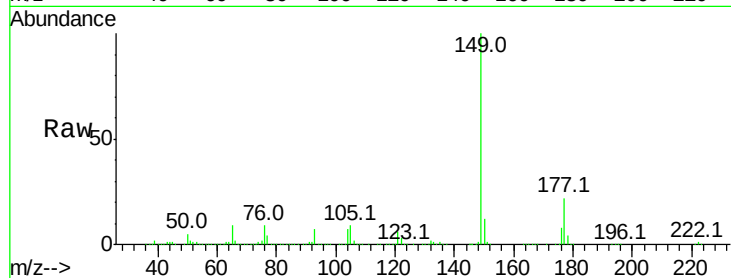




#59
Diethylphthalate
Concen: 49.08 ng
RT: 10.19 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

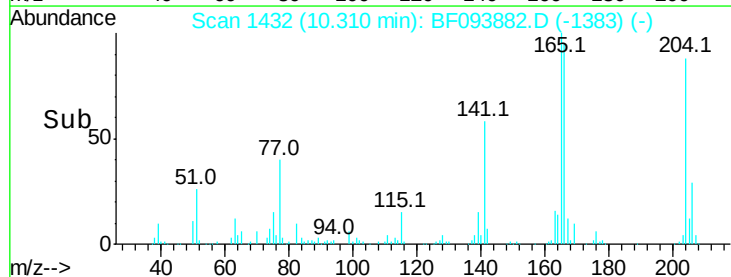
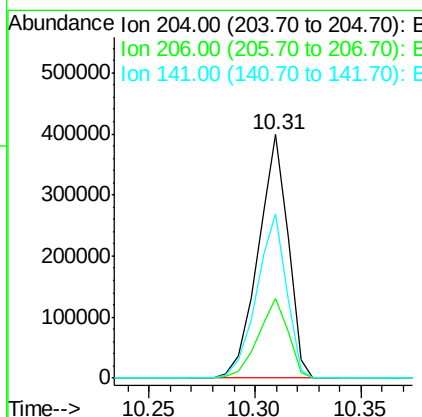
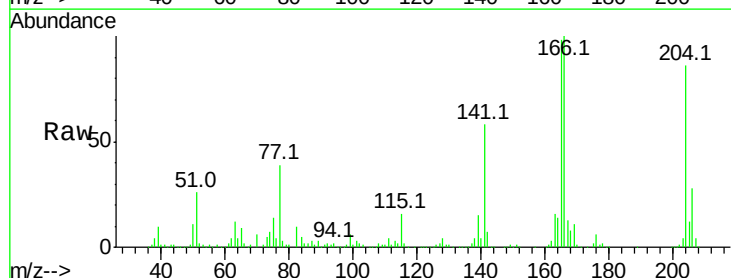
Instrument :
BNA_F
ClientSampleId :
S8-0666MS

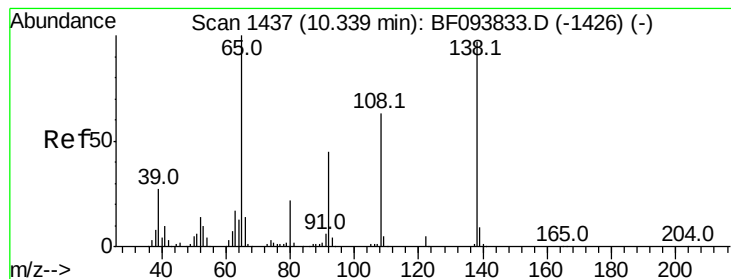
Tot Ion:149 Resp: 1051180
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.69 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion:204 Resp: 392145
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 67.2 60.8 91.2





#61

4-Nitroaniline

Concen: 38.99 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

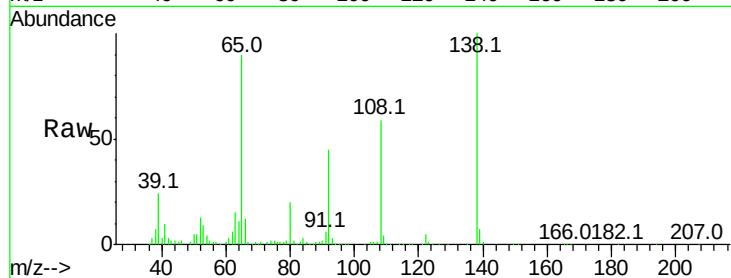
Tot Ion:138 Resp: 218232

Ion Ratio Lower Upper

138 100

92 45.1 21.8 61.8

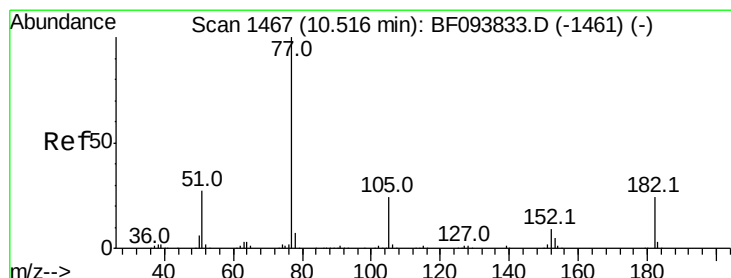
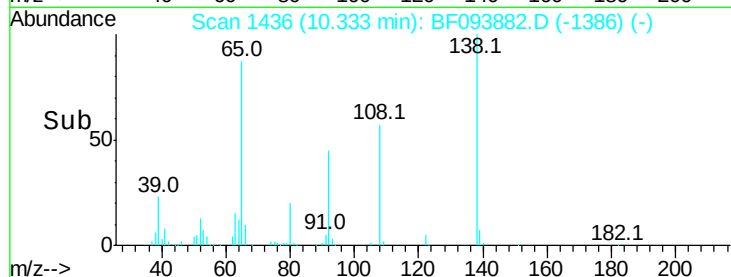
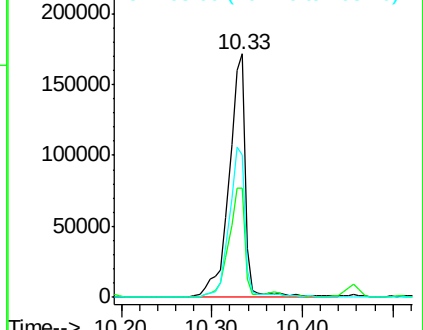
108 58.6 42.3 82.3



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: 49.14 ng

RT: 10.50 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion: 77 Resp: 995530

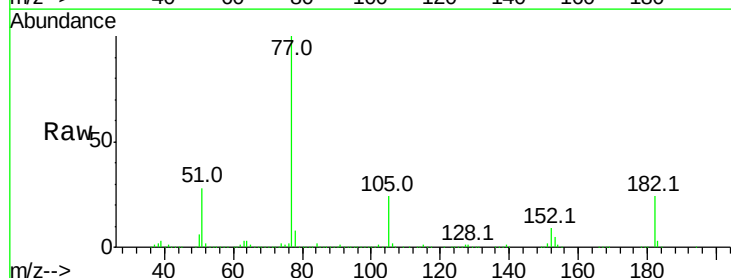
Ion Ratio Lower Upper

77 100

182 23.6 0.1 40.1

105 23.6 3.6 43.6

51 28.3 9.4 49.4

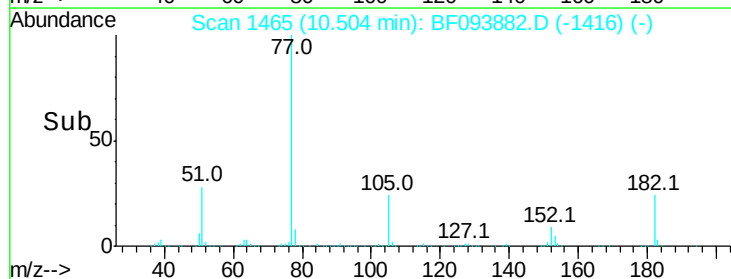
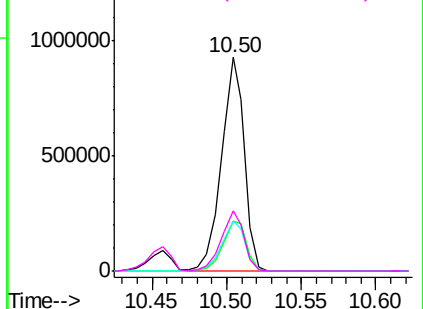


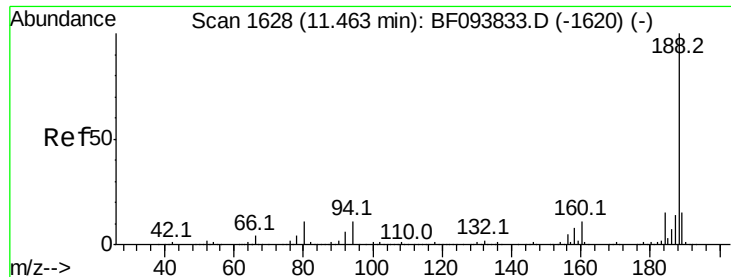
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.45 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

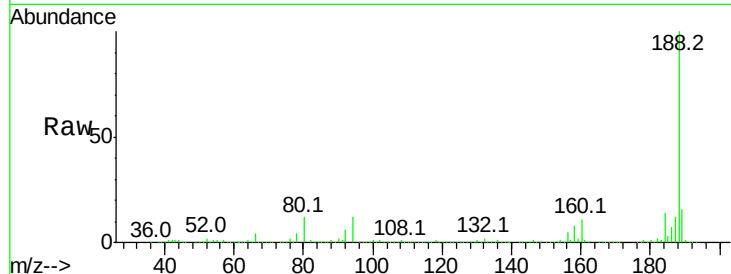
Tot Ion:188 Resp: 525850

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

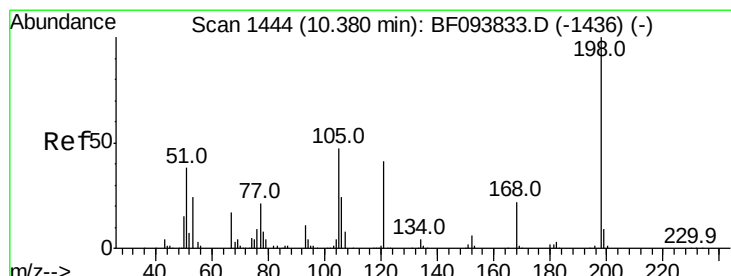
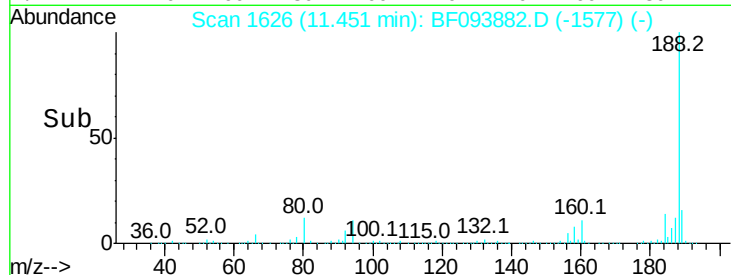
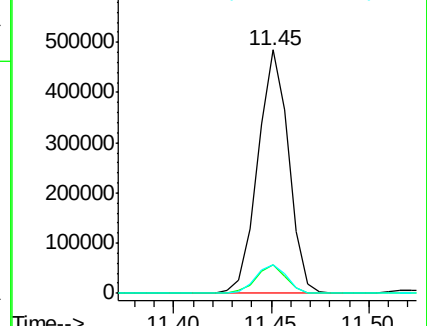
80 11.7 10.2 15.2



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: 37.38 ng

RT: 10.37 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

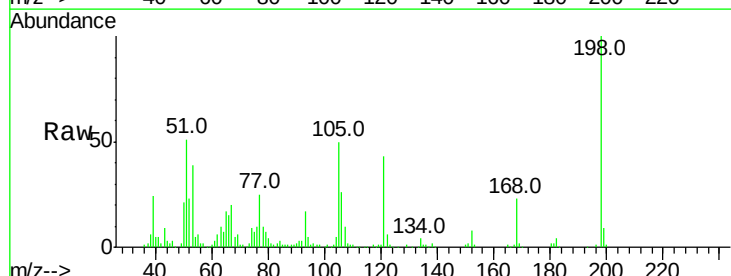
Tgt Ion:198 Resp: 120366

Ion Ratio Lower Upper

198 100

51 50.5 53.2 93.2#

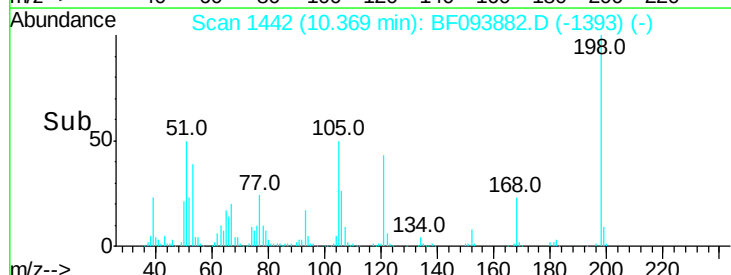
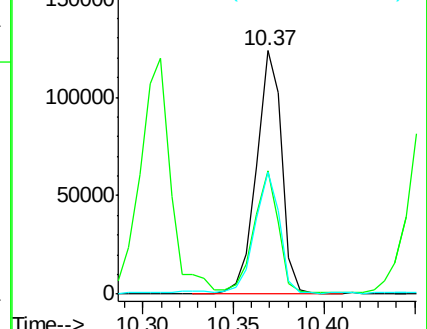
105 50.3 45.8 85.8

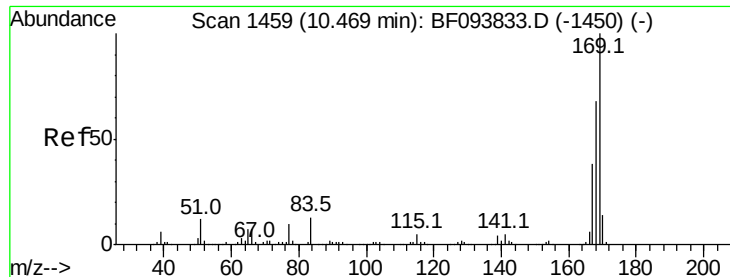


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

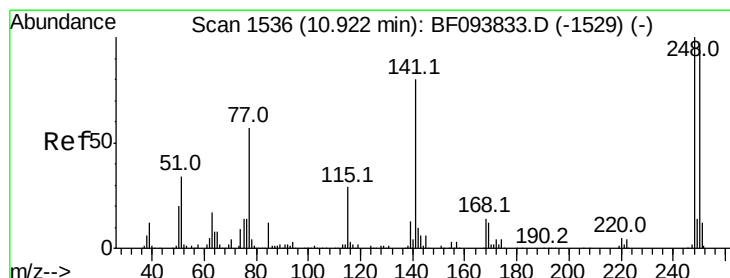
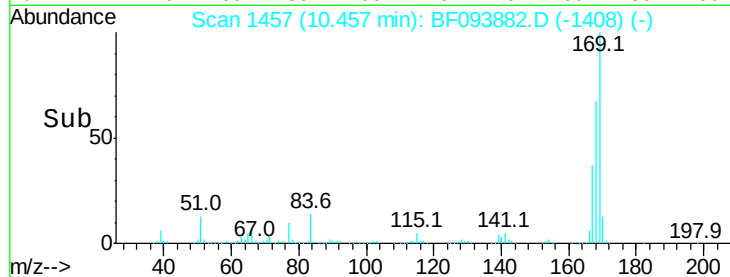
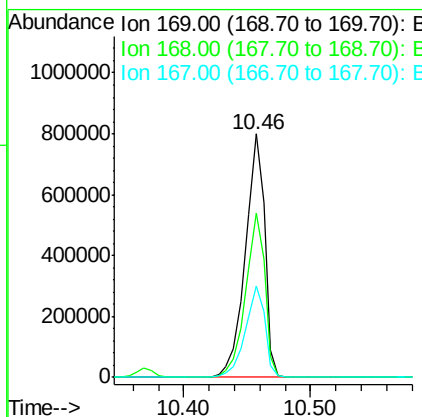
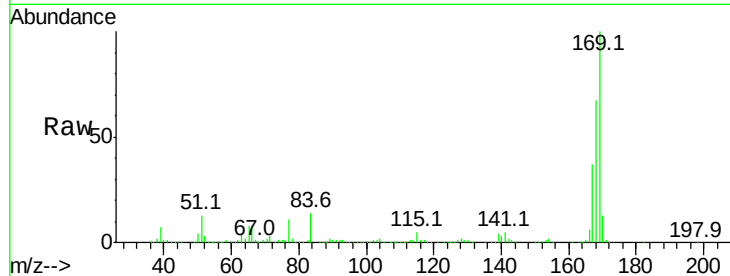




#65
n-Nitrosodiphenylamine
Concen: 46.51 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

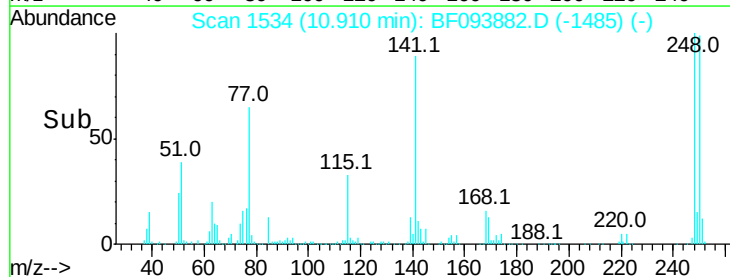
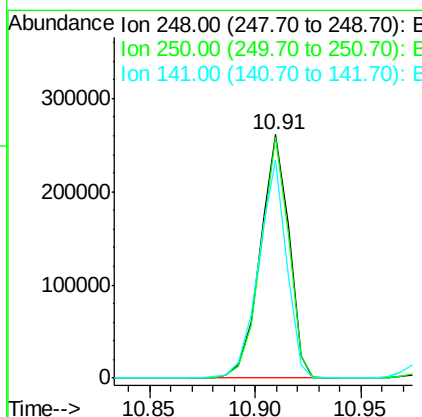
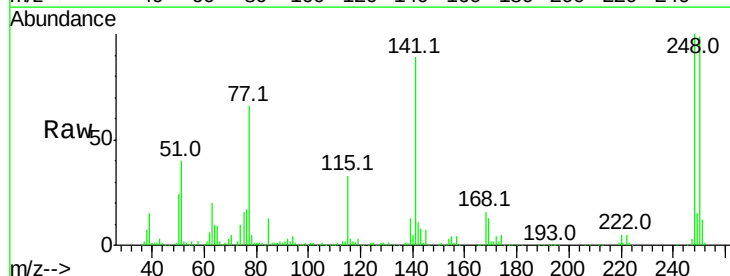
Instrument :
BNA_F
ClientSampleId :
S8-0666MS

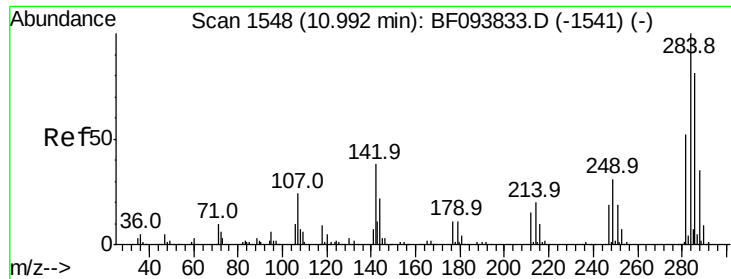
Tot Ion:169 Resp: 845721
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 37.4 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 47.99 ng
RT: 10.91 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion:248 Resp: 248185
Ion Ratio Lower Upper
248 100
250 99.0 76.8 115.2
141 89.5 68.6 103.0





#67

Hexachlorobenzene

Concen: 47.68 ng

RT: 10.98 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

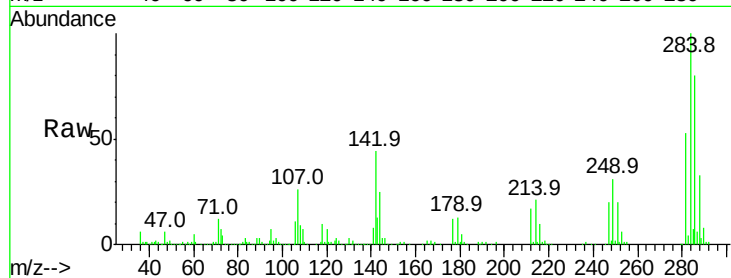
Tot Ion:284 Resp: 249620

Ion Ratio Lower Upper

284 100

142 43.5 22.8 34.2#

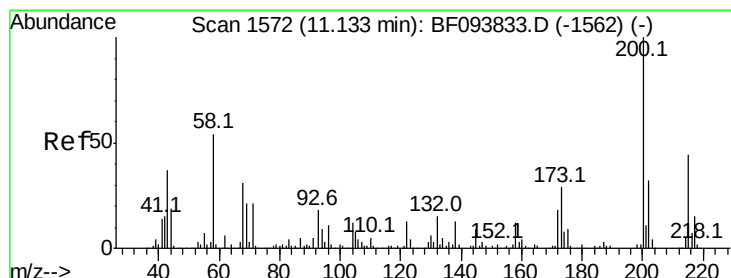
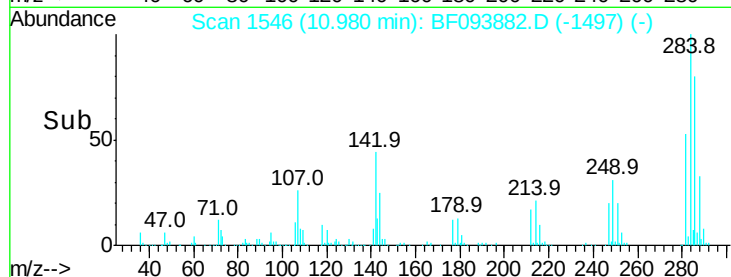
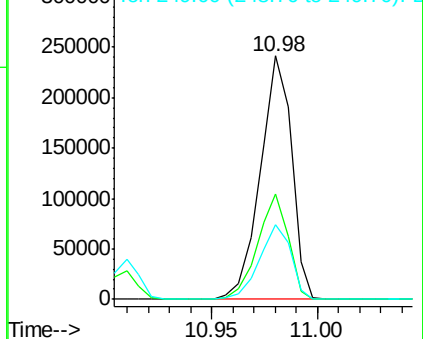
249 30.8 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.29 ng

RT: 11.13 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

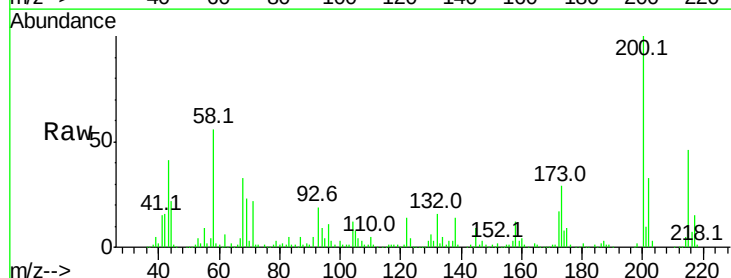
Tgt Ion:200 Resp: 252157

Ion Ratio Lower Upper

200 100

173 29.3 6.3 46.3

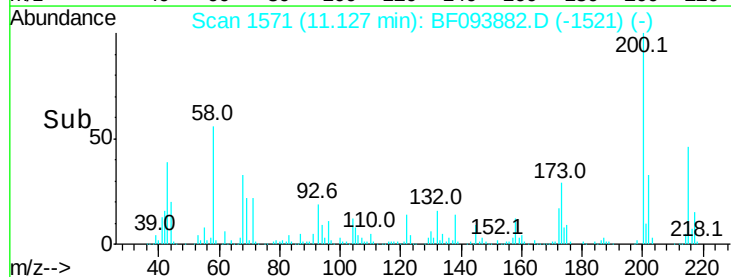
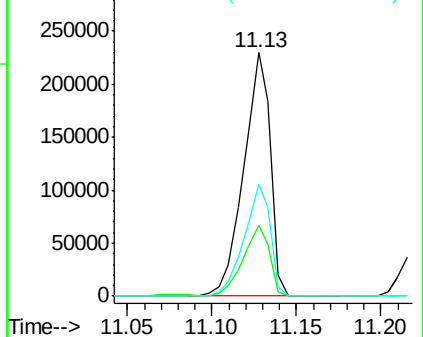
215 45.7 27.2 67.2

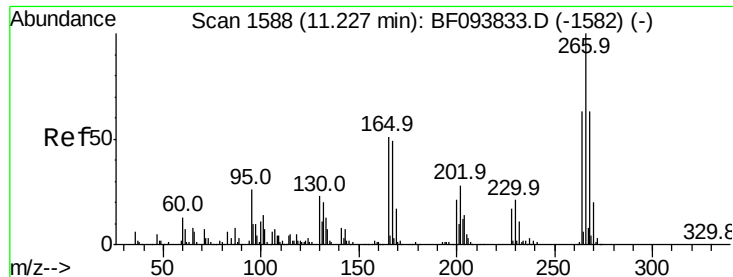


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 75.09 ng

RT: 11.22 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

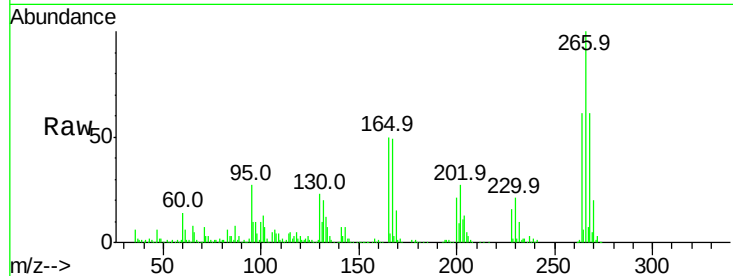
Tot Ion:266 Resp: 244679

Ion Ratio Lower Upper

266 100

268 61.1 51.1 76.7

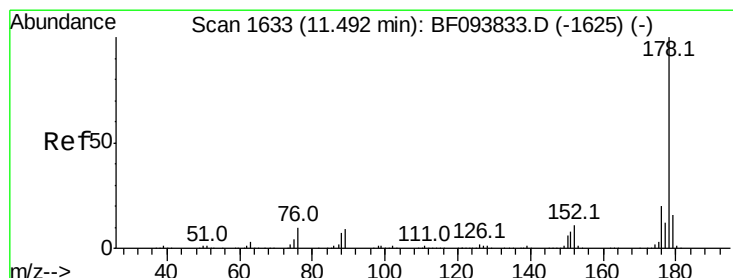
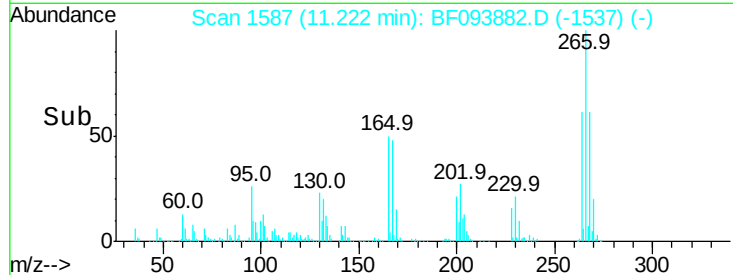
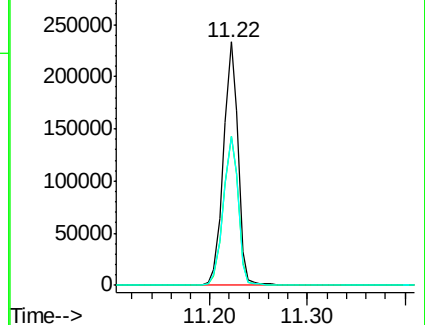
264 61.2 51.7 77.5



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: 46.03 ng

RT: 11.49 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

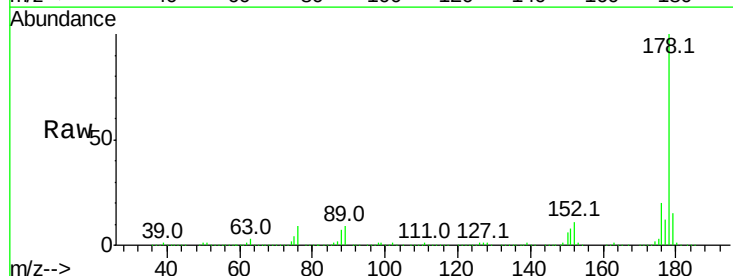
Tgt Ion:178 Resp: 1346471

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

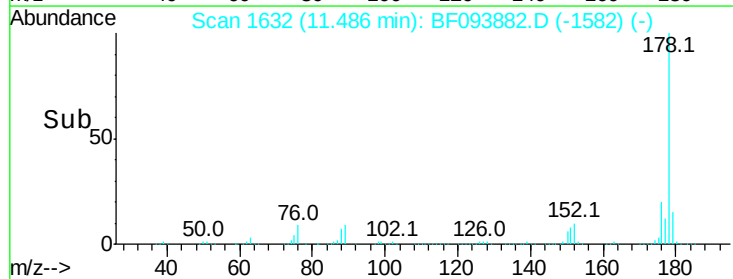
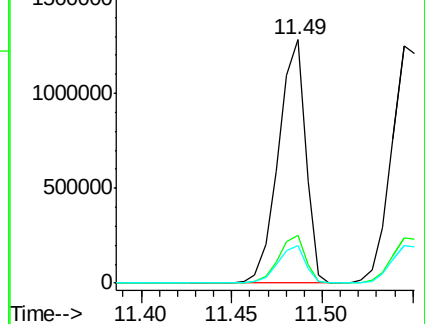
179 15.5 12.6 19.0

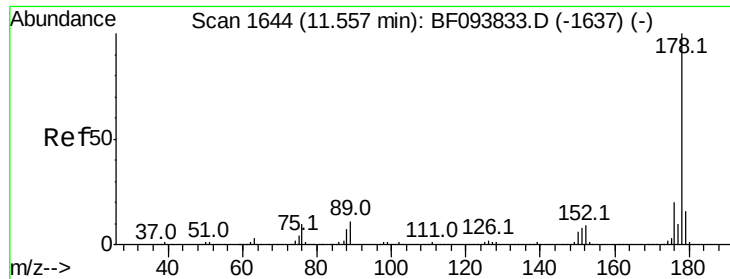


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

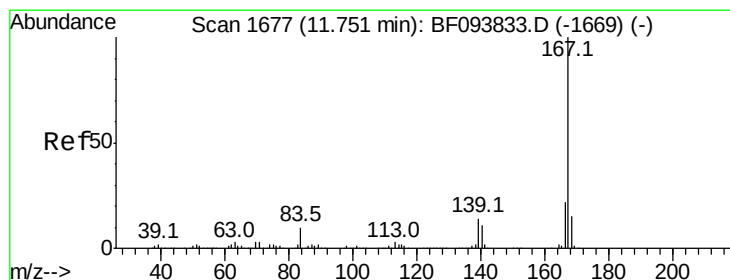
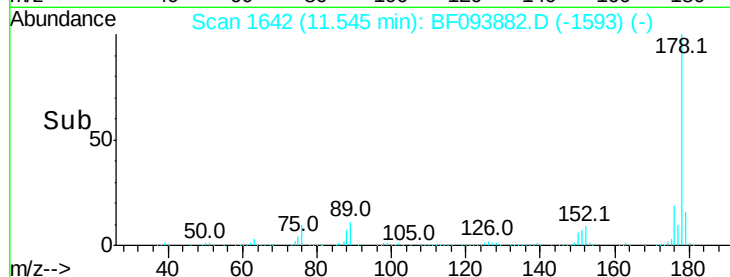
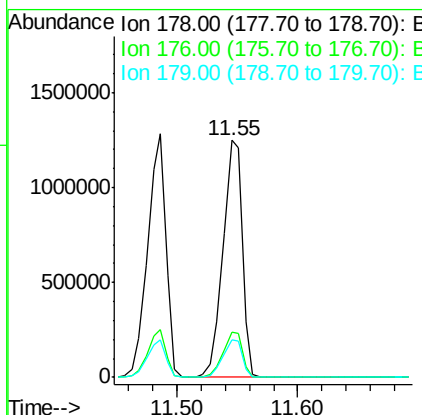
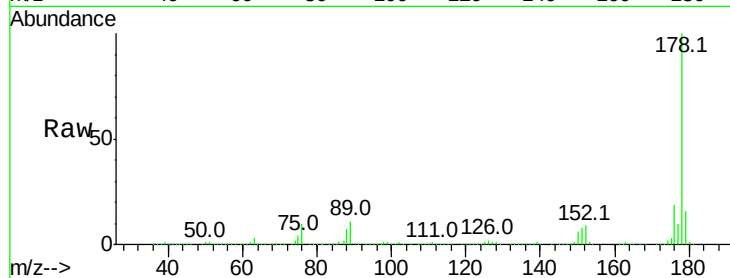




#71
 Anthracene
 Concen: 45.91 ng
 RT: 11.55 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

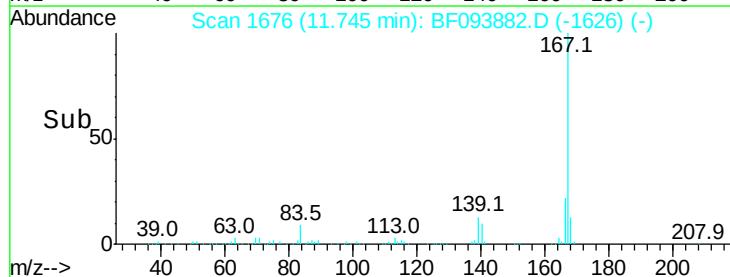
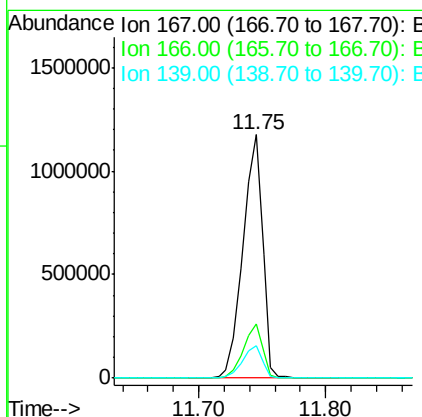
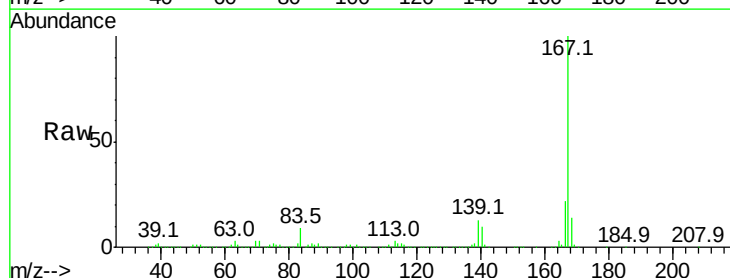
Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

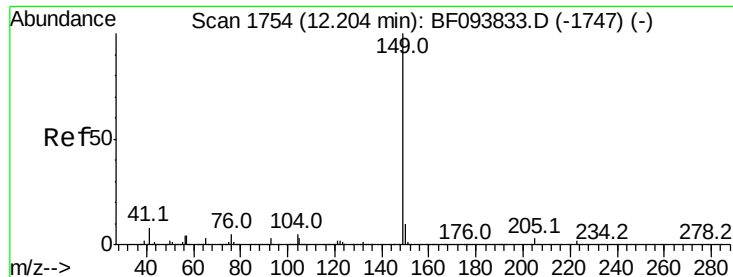
Tot Ion:178 Resp: 1382609
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 40.71 ng
 RT: 11.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion:167 Resp: 1257383
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.2 11.7 17.5

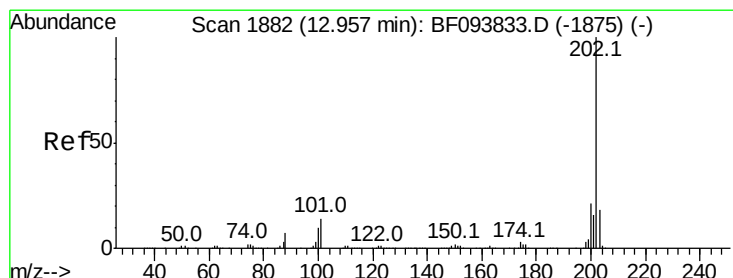
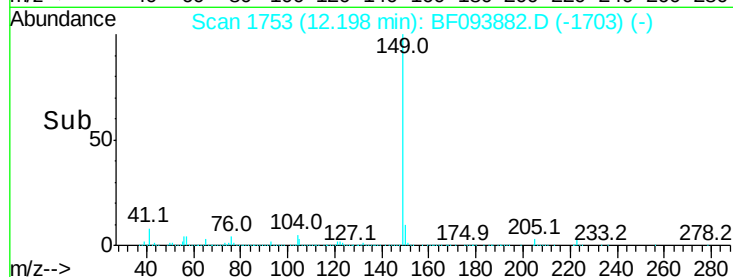
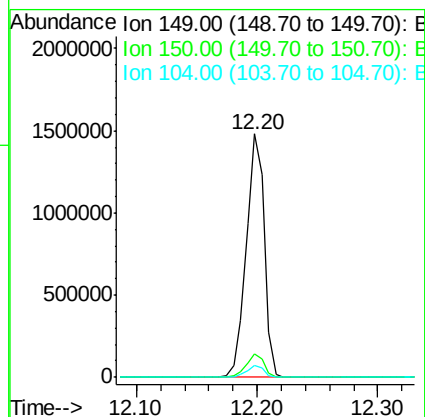
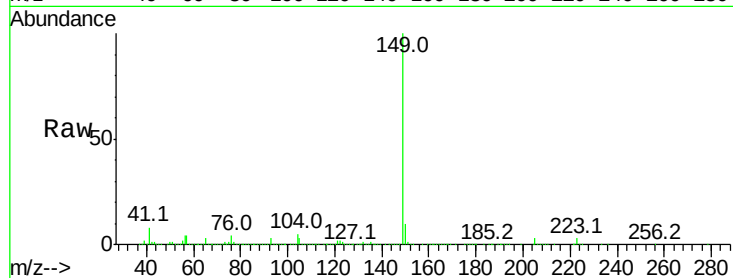




#73
Di-n-butylphthalate
Concen: 48.07 ng
RT: 12.20 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

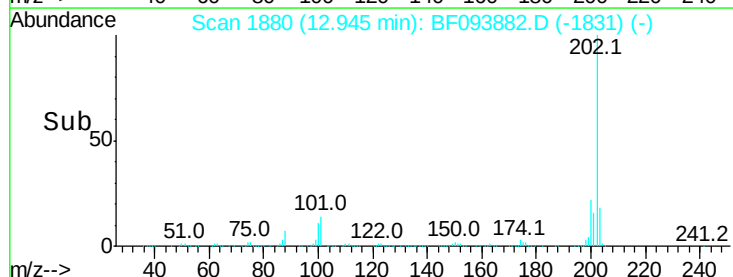
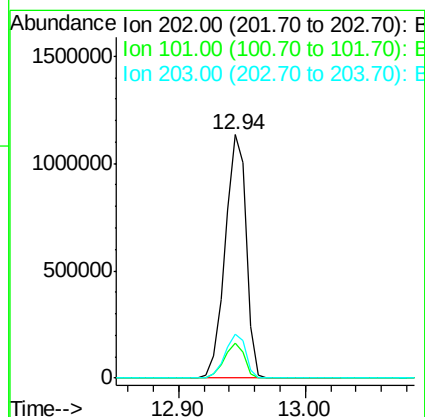
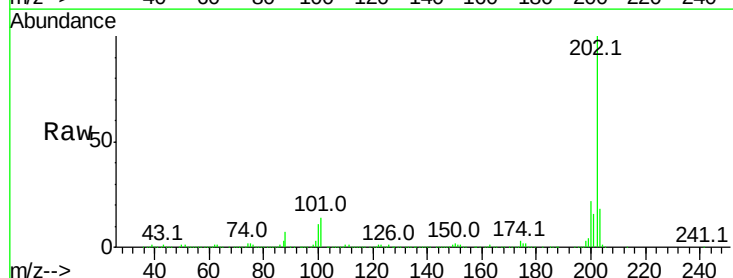
Instrument :
BNA_F
ClientSampleId :
S8-0666MS

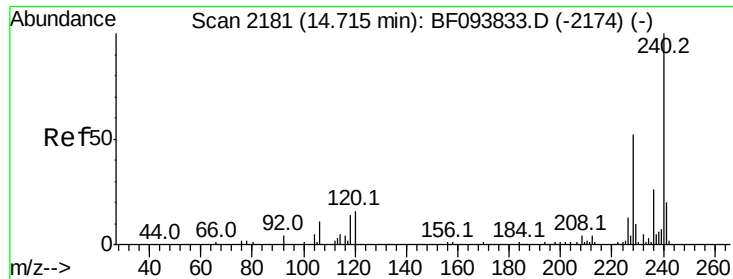
Tot Ion:149 Resp: 1544088
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 43.20 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion:202 Resp: 1294042
Ion Ratio Lower Upper
202 100
101 14.3 0.0 33.2
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

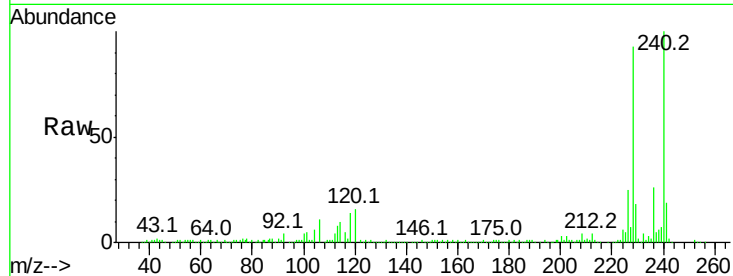
Tot Ion:240 Resp: 315043

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

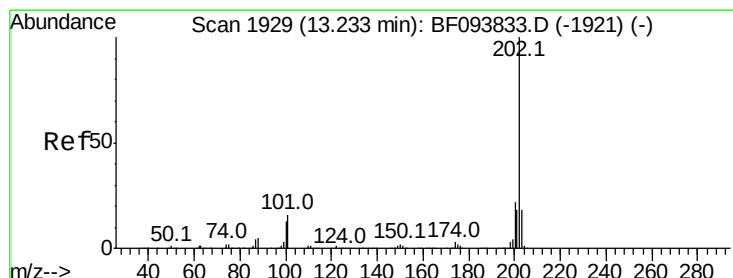
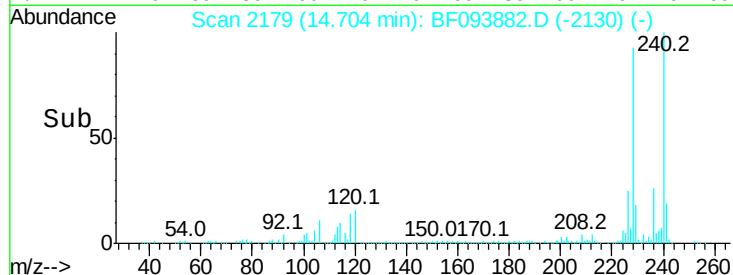
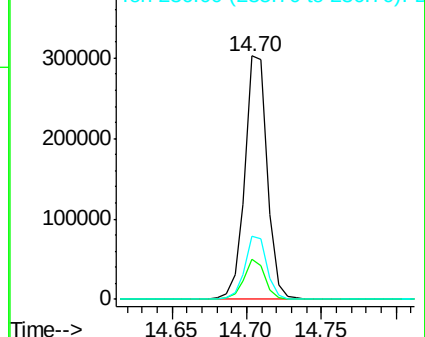
236 25.8 20.5 30.7



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



#77

Pyrene

Concen: 56.15 ng

RT: 13.22 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

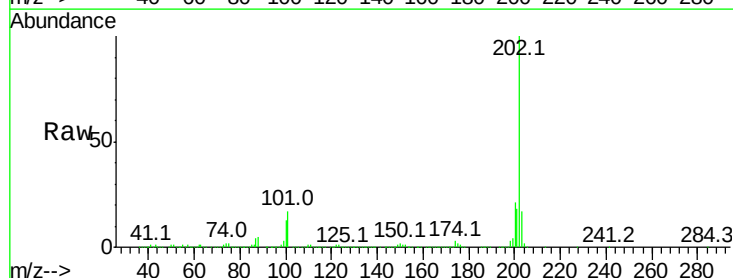
Tgt Ion:202 Resp: 1283788

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

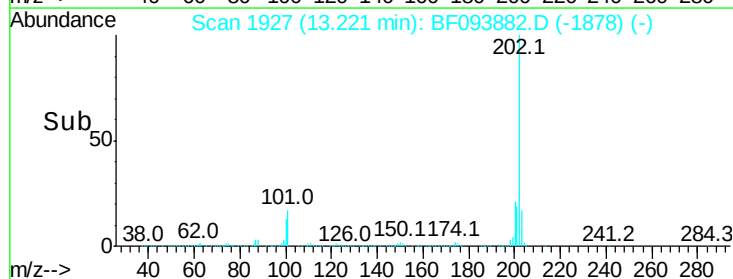
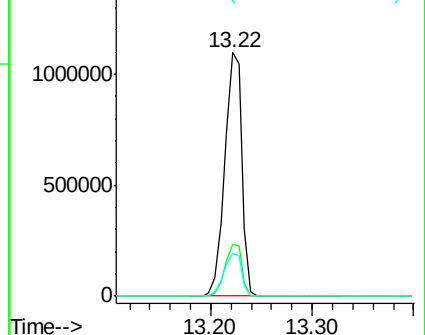
203 17.5 14.4 21.6

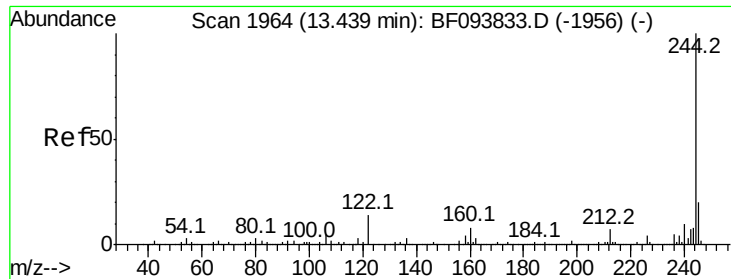


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 100.75 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

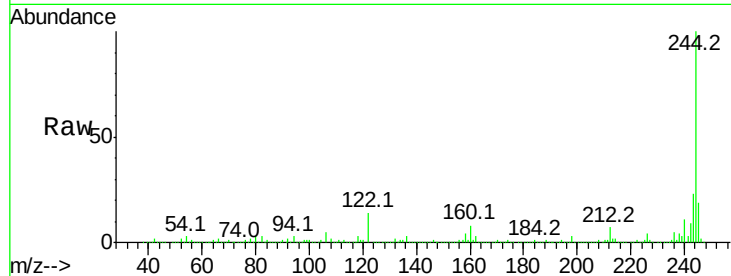
Tot Ion:244 Resp: 1416069

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

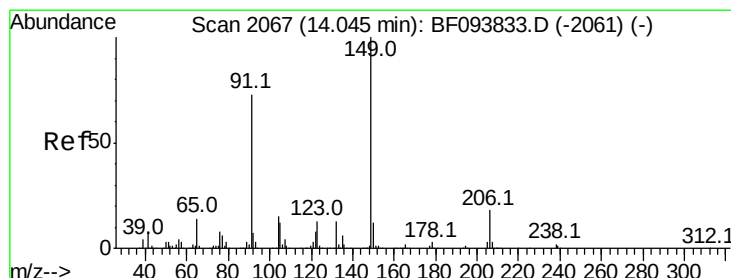
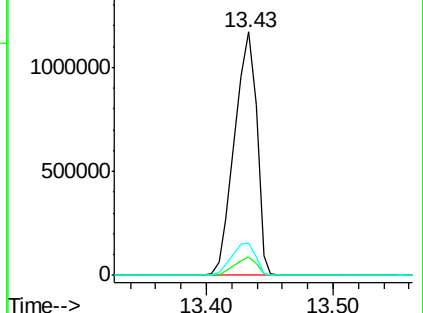
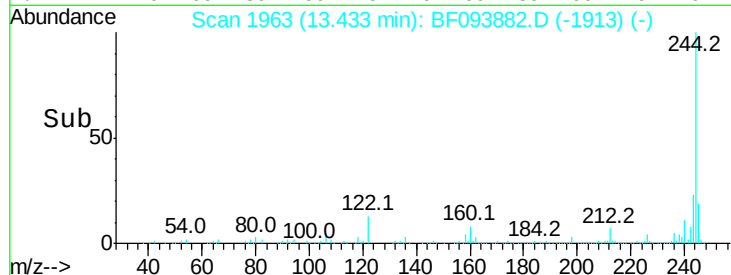
122 13.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 56.96 ng

RT: 14.04 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

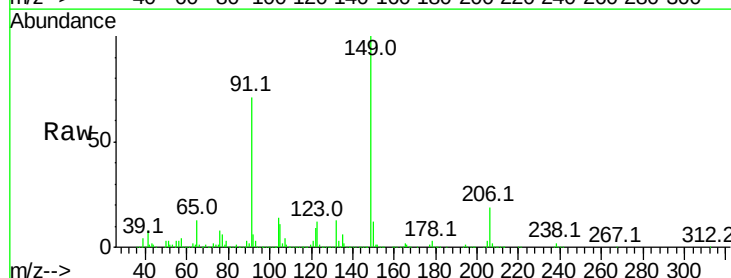
Tgt Ion:149 Resp: 554884

Ion Ratio Lower Upper

149 100

91 70.8 45.0 67.4#

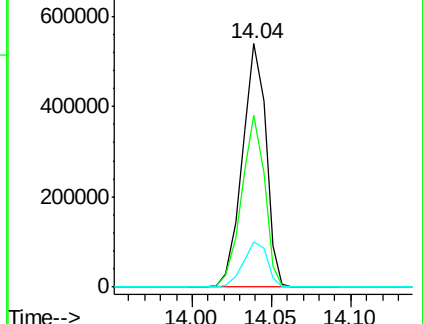
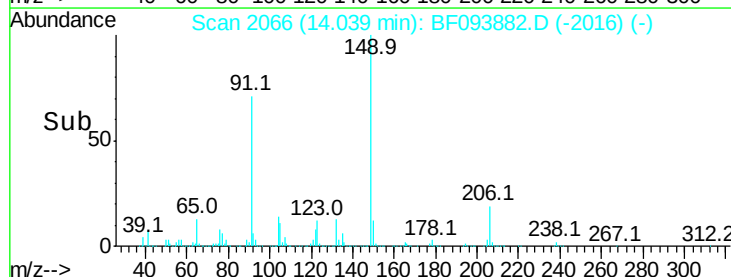
206 18.7 17.0 25.6

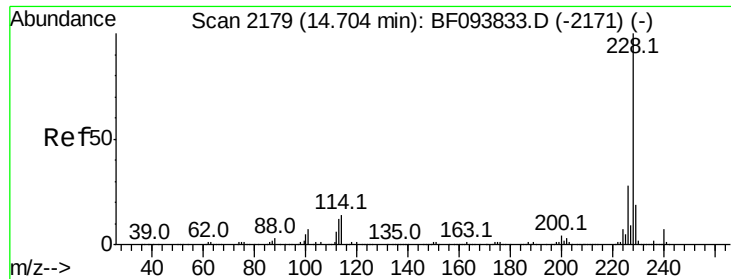


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

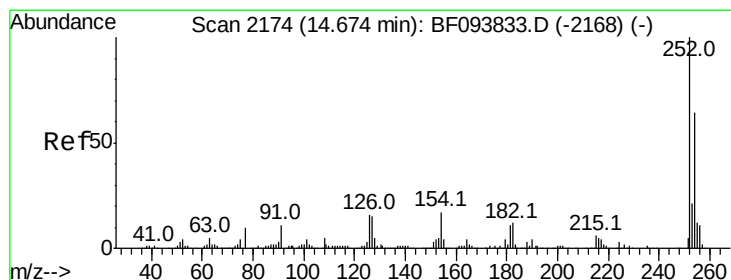
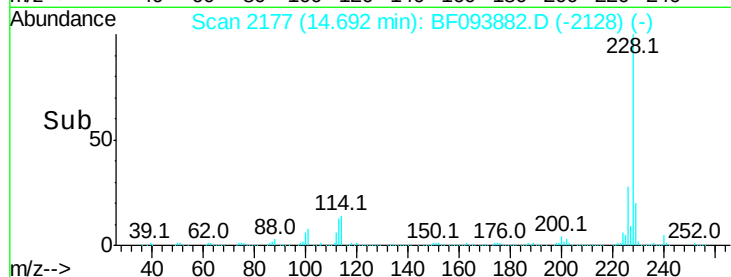
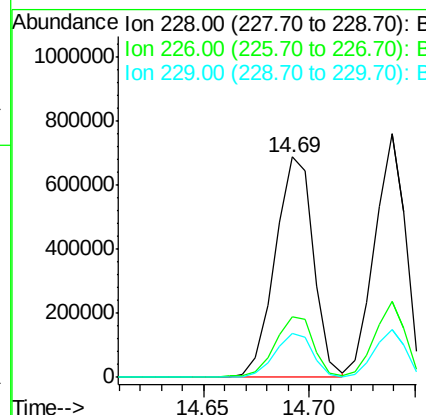
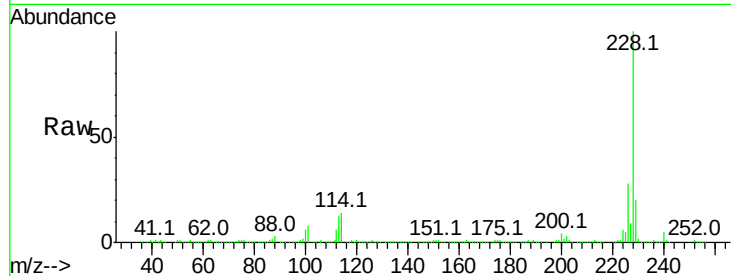




#80
Benzo(a)anthracene
Concen: 47.28 ng
RT: 14.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

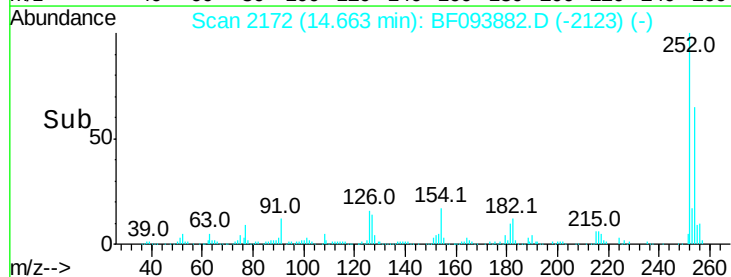
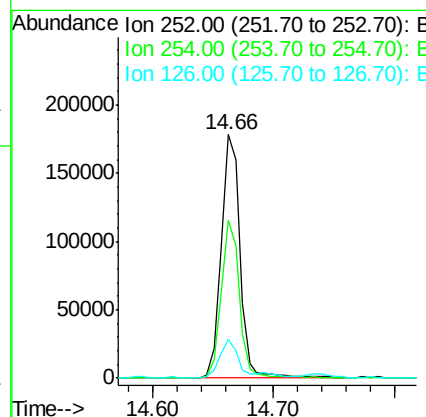
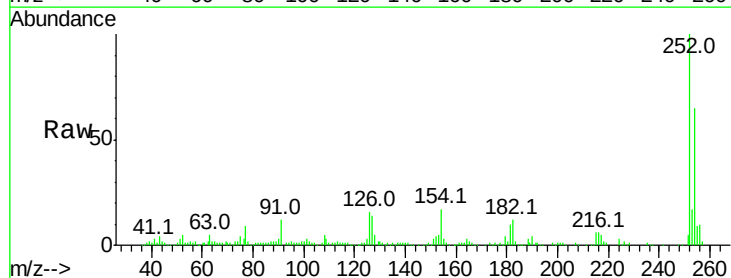
Instrument :
BNA_F
ClientSampleId :
S8-0666MS

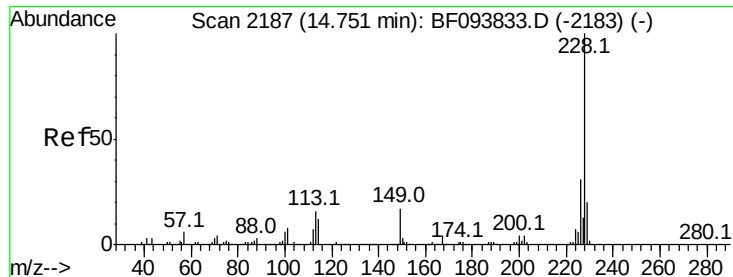
Tot Ion:228 Resp: 868513
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.9 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 29.01 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion:252 Resp: 190462
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 16.1 15.8 23.8





#82

Chrysene

Concen: 45.77 ng

RT: 14.74 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

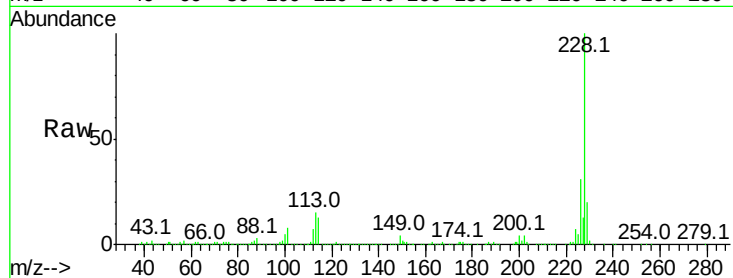
Tot Ion:228 Resp: 780356

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

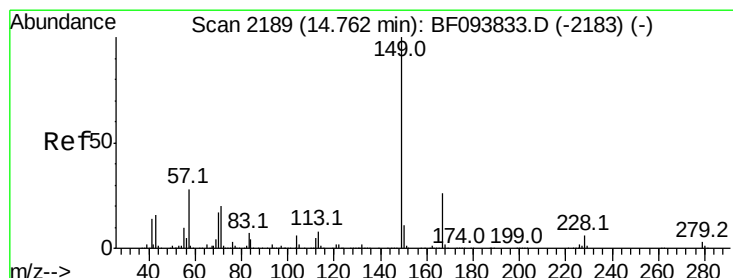
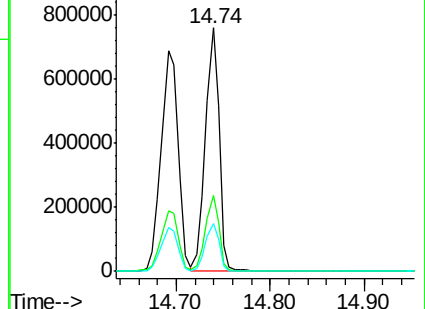
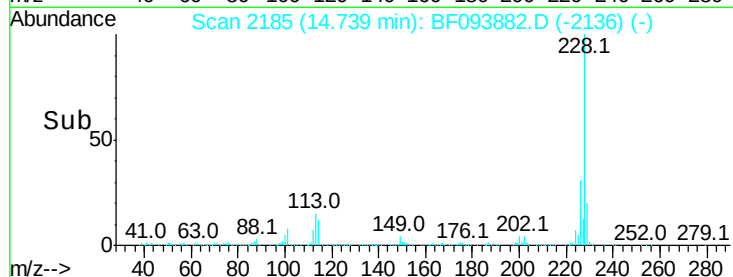
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 54.00 ng

RT: 14.76 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

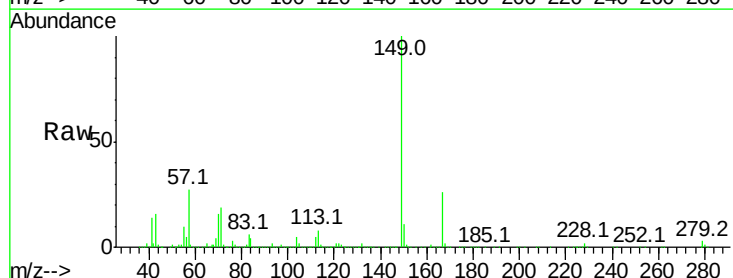
Tgt Ion:149 Resp: 717656

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

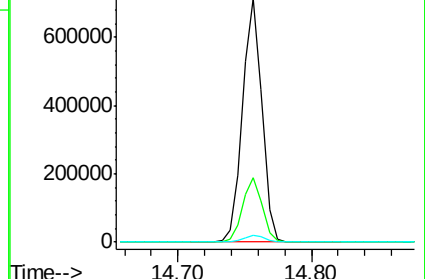
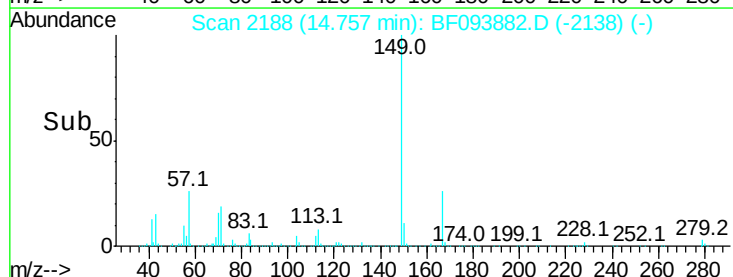
279 2.9 1.9 2.9#

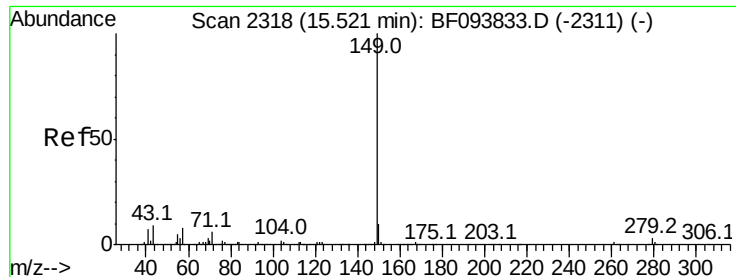


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

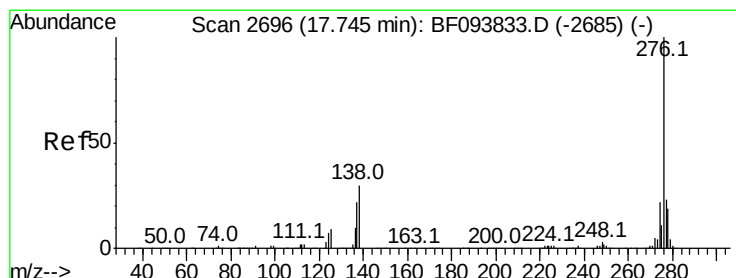
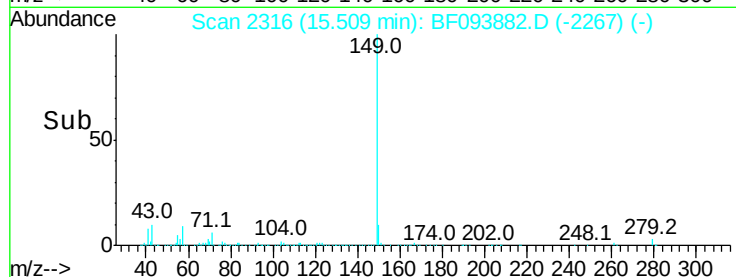
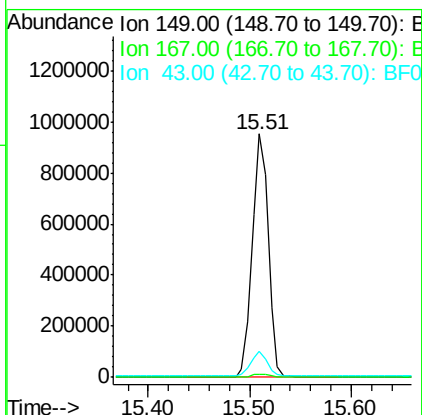
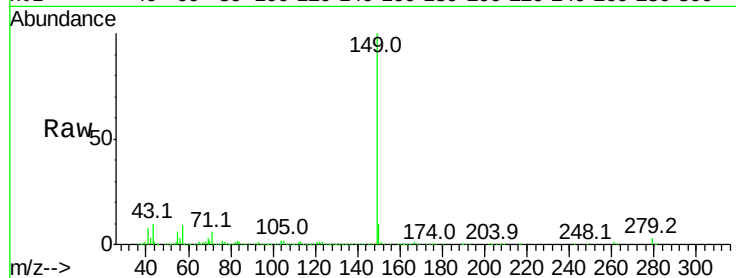




#84
Di-n-octyl phthalate
Concen: 47.33 ng
RT: 15.51 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

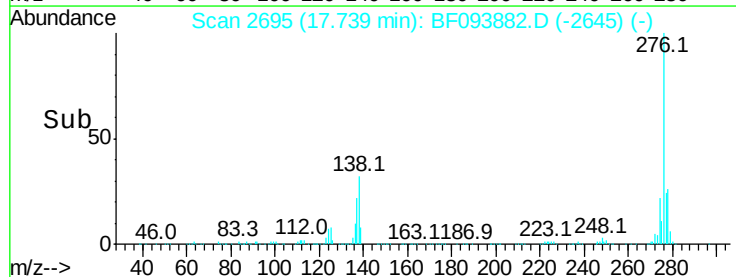
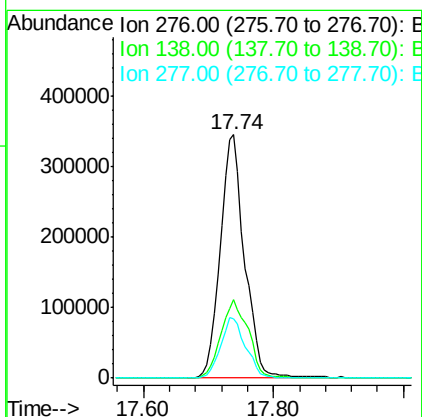
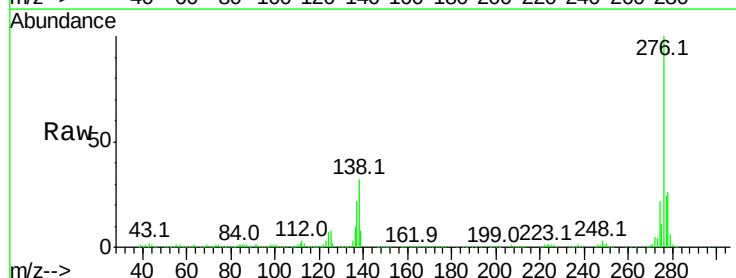
Instrument :
BNA_F
ClientSampleId :
S8-0666MS

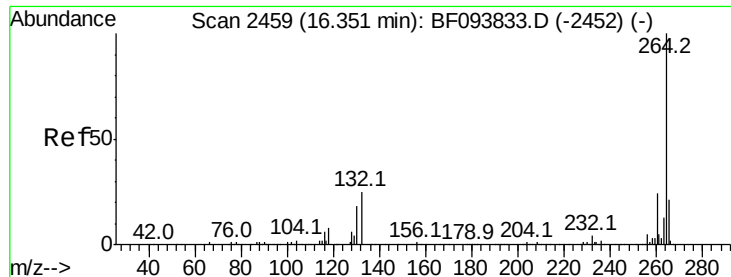
Tot Ion:149 Resp: 1050944
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.9 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 60.45 ng
RT: 17.74 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion:276 Resp: 892494
Ion Ratio Lower Upper
276 100
138 36.4 27.8 41.6
277 25.7 20.2 30.4

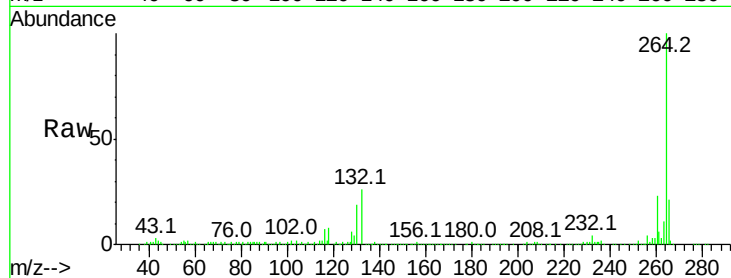




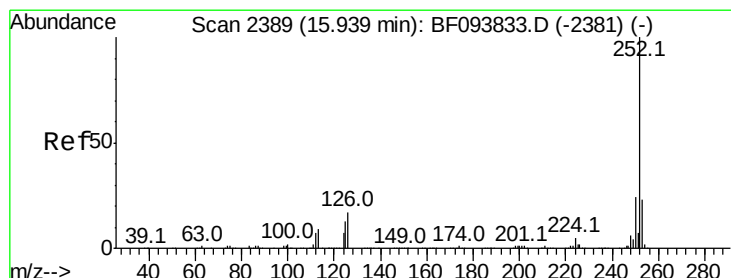
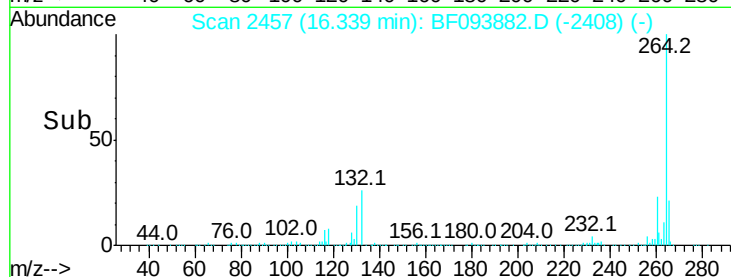
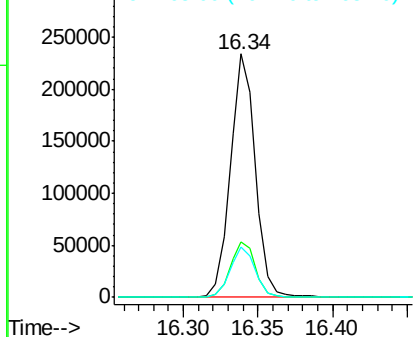
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tot Ion:264 Resp: 274011
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 20.8 17.2 25.8

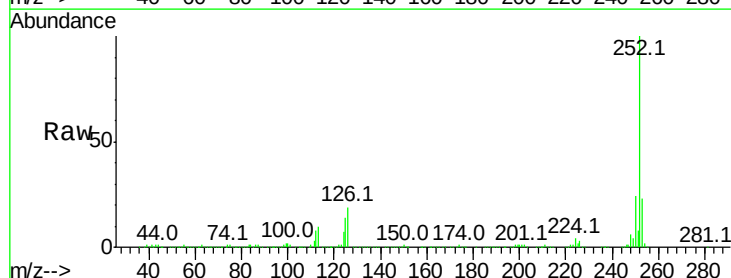


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

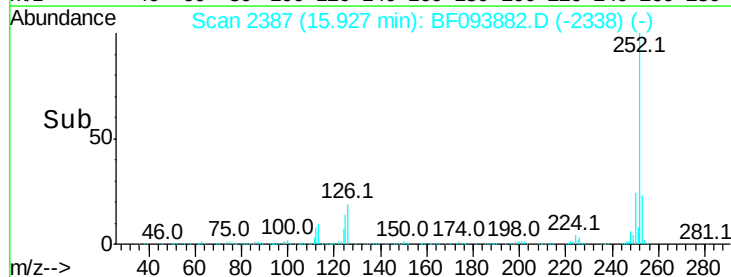
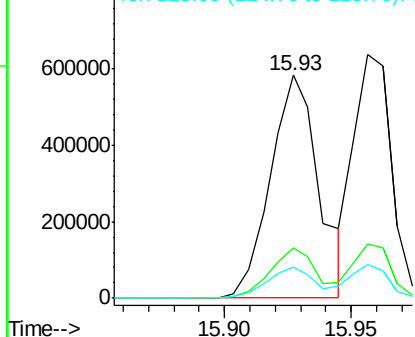


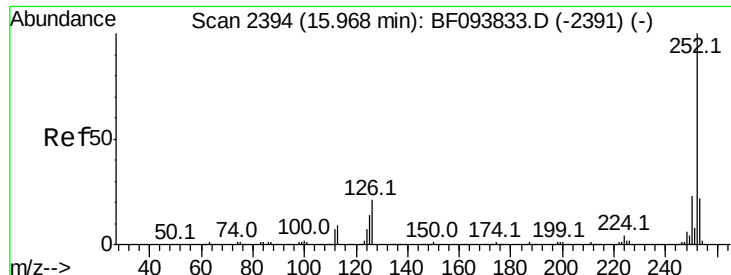
#87
Benzo(b)fluoranthene
Concen: 46.44 ng
RT: 15.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion:252 Resp: 779981
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 14.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 41.00 ng

RT: 15.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

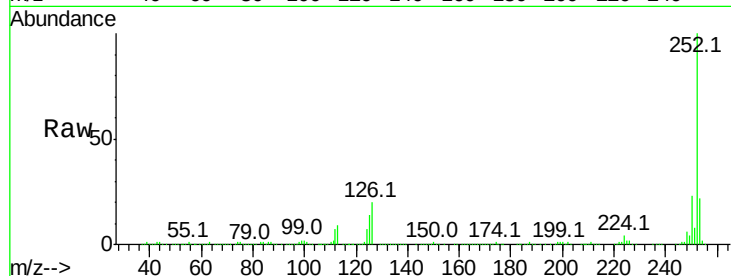
Tot Ion:252 Resp: 673854

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

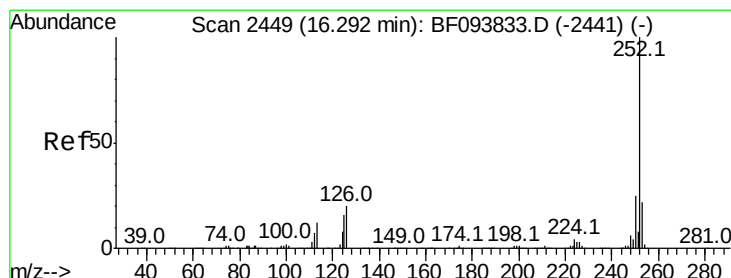
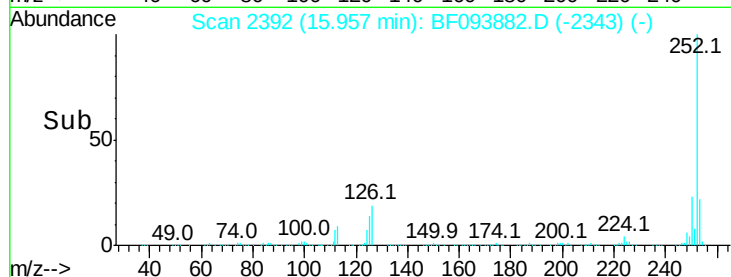
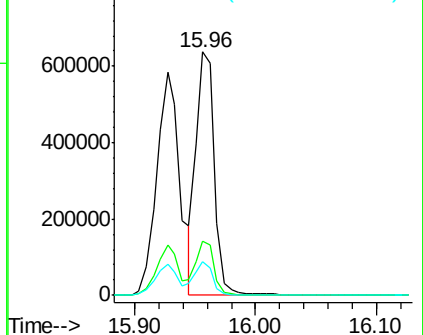
125 14.0 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 46.66 ng

RT: 16.28 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

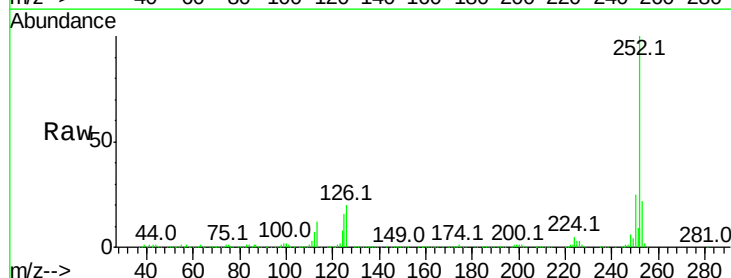
Tgt Ion:252 Resp: 721634

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

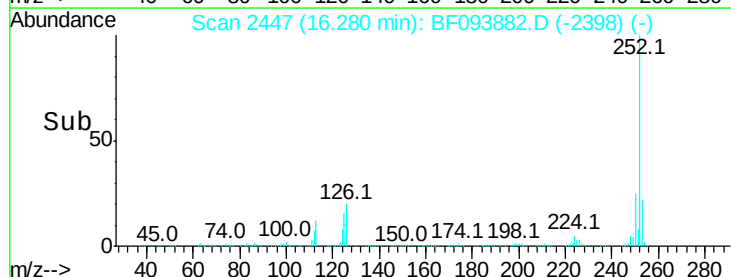
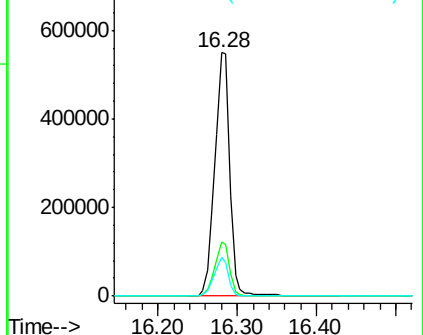
125 16.2 11.0 16.4

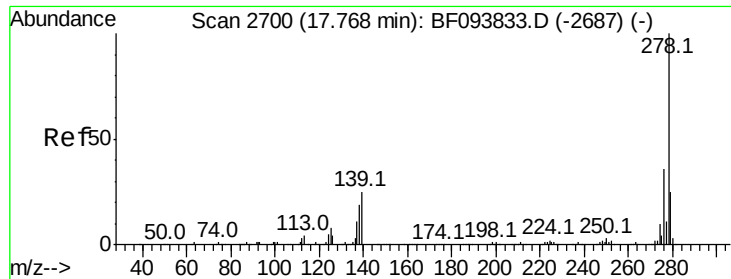


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 56.14 ng

RT: 17.76 min Scan# 2699

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

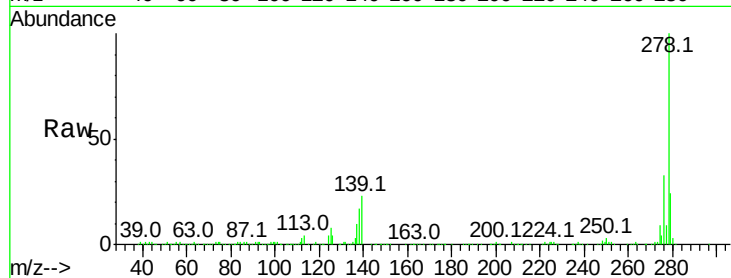
Tot Ion:278 Resp: 735340

Ion Ratio Lower Upper

278 100

139 22.7 16.6 24.8

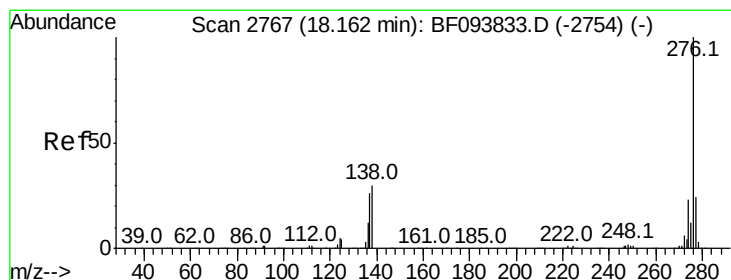
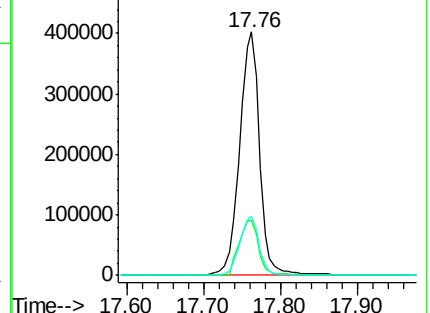
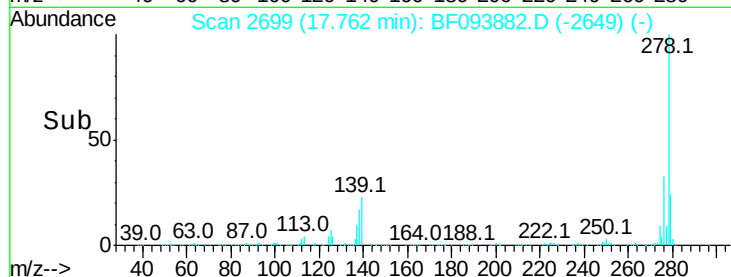
279 24.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 58.24 ng

RT: 18.16 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

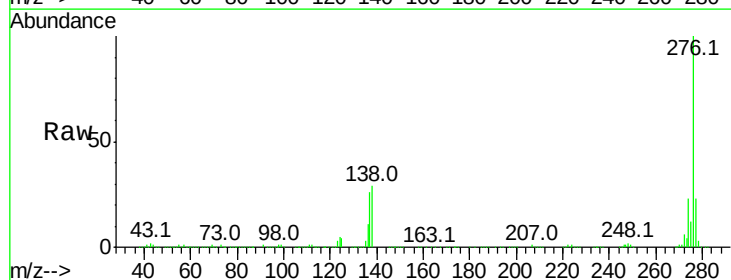
Tgt Ion:276 Resp: 768776

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 28.8 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

