

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093731.D
 Acq On : 18 Mar 2017 4:33
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

Quant Time: Mar 18 05:32:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	217115	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	919701	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	474714	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	724151	20.00	ng	0.00
75) Chrysene-d12	14.00	240	458156	20.00	ng	0.00
86) Perylene-d12	15.41	264	443620	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1021936	78.47	ng	0.00
7) Phenol-d6	6.48	99	1297215	80.37	ng	0.00
23) Nitrobenzene-d5	7.41	82	1268299	82.77	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	265265	85.38	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1775483	70.58	ng	0.00
78) Terphenyl-d14	12.95	244	1669510	78.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	272061	40.46	ng	98
3) Pyridine	3.14	79	752285	40.90	ng	95
4) n-Nitrosodimethylamine	3.10	42	329419	40.93	ng	98
6) Aniline	6.50	93	919181	39.83	ng	99
8) 2-Chlorophenol	6.63	128	565362	39.04	ng	99
9) Benzaldehyde	6.39	77	370172	42.89	ng	100
10) Phenol	6.49	94	840092	44.52	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	582840	39.19	ng	99
12) 1,3-Dichlorobenzene	6.79	146	637962	39.77	ng	99
13) 1,4-Dichlorobenzene	6.87	146	679333	41.35	ng	99
14) 1,2-Dichlorobenzene	7.02	146	557270	36.28	ng	99
15) Benzyl Alcohol	6.98	79	490143	40.56	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	892115	38.05	ng	100
17) 2-Methylphenol	7.10	107	522549	41.69	ng	99
18) Hexachloroethane	7.37	117	236215	40.47	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	400255	37.35	ng	97
20) 3+4-Methylphenols	7.26	107	542907	36.54	ng	98
22) Acetophenone	7.26	105	709999	34.65	ng	98
24) Nitrobenzene	7.43	77	602140	36.35	ng	100
25) Isophorone	7.68	82	1144343	38.80	ng	# 91
26) 2-Nitrophenol	7.75	139	309664	49.37	ng	98
27) 2,4-Dimethylphenol	7.78	122	545819	38.03	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	711905	38.24	ng	100
29) 2,4-Dichlorophenol	7.99	162	489095	39.66	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	516303	40.17	ng	99
31) Naphthalene	8.16	128	1767481	39.42	ng	100
32) Benzoic acid	7.91	122	358776	41.03	ng	99
33) 4-Chloroaniline	8.21	127	705607	37.57	ng	# 87
34) Hexachlorobutadiene	8.29	225	260415	38.69	ng	100
35) Caprolactam	8.57	113	153442	37.07	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	530180	40.84	ng	98
37) 2-Methylnaphthalene	8.85	142	1110672	38.24	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	446659	40.18	ng	100
40) Hexachlorocyclopentadiene	9.01	237	212339	38.24	ng	98

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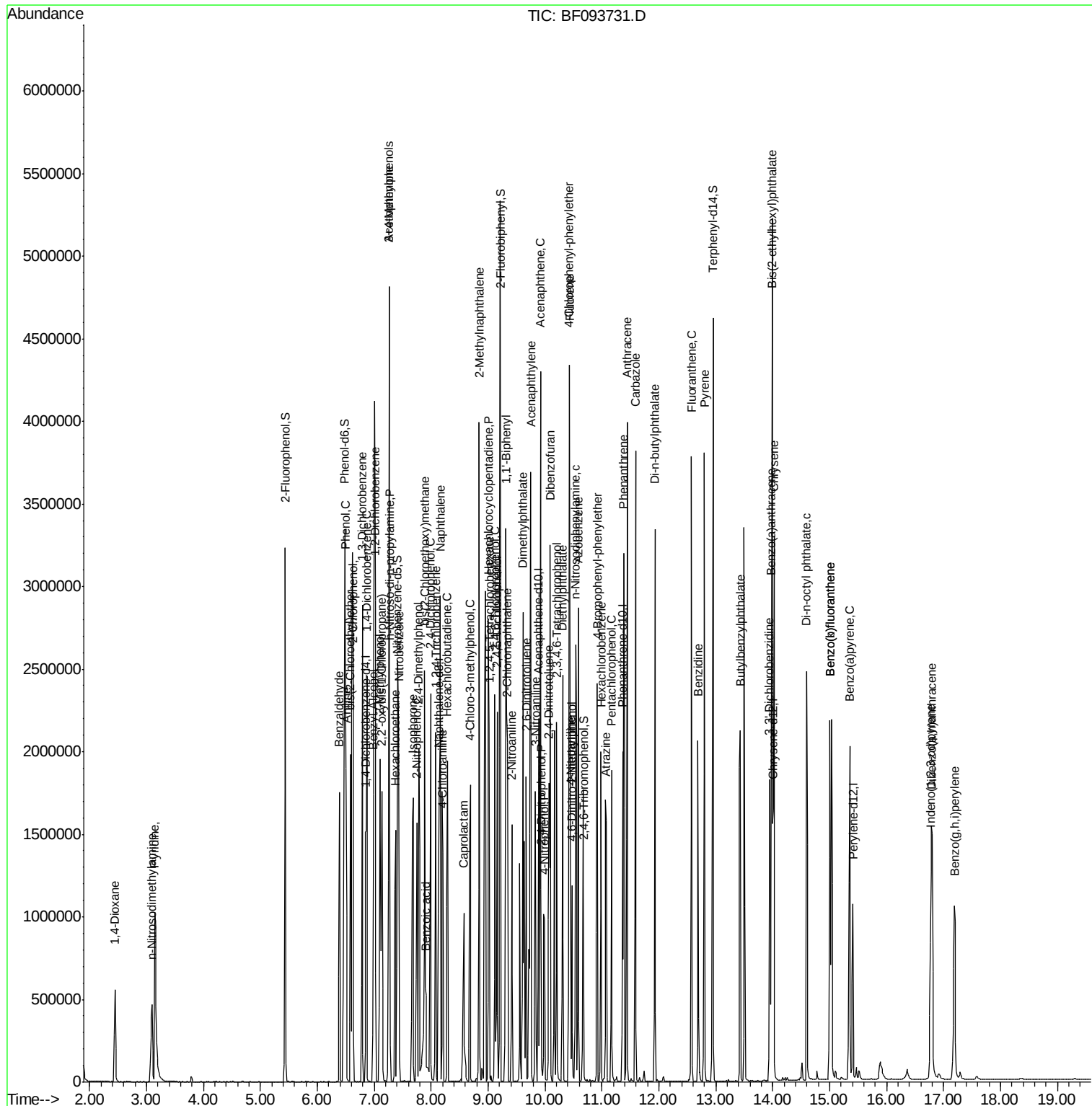
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	341543	41.67	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	296521	35.09	nq	99
45) 1,1'-Biphenyl	9.32	154	1322051	39.72	nq	99
46) 2-Chloronaphthalene	9.34	162	1016955	38.08	nq	99
47) 2-Nitroaniline	9.42	65	287208	37.17	nq	99
48) Acenaphthylene	9.75	152	1743361	40.03	nq	99
49) Dimethylphthalate	9.61	163	1091218	35.19	nq	100
50) 2,6-Dinitrotoluene	9.67	165	297099	44.36	nq	99
51) Acenaphthene	9.92	154	1004832	39.15	nq	99
52) 3-Nitroaniline	9.83	138	285884	35.98	nq	99
53) 2,4-Dinitrophenol	9.93	184	99663	42.80	nq	93
54) Dibenzofuran	10.09	168	1407760	40.34	nq	100
55) 4-Nitrophenol	9.99	139	282193	47.07	nq	95
56) 2,4-Dinitrotoluene	10.07	165	396648	44.49	nq	96
57) Fluorene	10.44	166	1060385	37.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	241601	41.57	nq	98
59) Diethylphthalate	10.31	149	1108698	37.56	nq	100
60) 4-Chlorophenyl-phenylether	10.42	204	411519	34.51	nq	99
61) 4-Nitroaniline	10.45	138	326012	44.09	nq	97
62) Azobenzene	10.58	77	1144839	38.39	nq	100
64) 4,6-Dinitro-2-methylphenol	10.47	198	148188	39.13	nq	100
65) n-Nitrosodiphenylamine	10.54	169	966378	39.53	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	274581	40.11	nq	98
67) Hexachlorobenzene	10.98	284	293833	41.07	nq	96
68) Atrazine	11.08	200	313660	44.56	nq	99
69) Pentachlorophenol	11.17	266	177964	43.41	nq	99
70) Phenanthrene	11.38	178	1484209	36.25	nq	99
71) Anthracene	11.44	178	1604579	40.05	nq	100
72) Carbazole	11.59	167	1500954	35.79	nq	100
73) Di-n-butylphthalate	11.93	149	1637014	38.19	nq	99
74) Fluoranthene	12.57	202	1576587	39.74	nq	100
76) Benzidine	12.69	184	688979	38.49	nq	98
77) Pyrene	12.80	202	1691003	43.40	nq	100
79) Butylbenzylphthalate	13.43	149	737270	44.54	nq	100
80) Benzo(a)anthracene	13.98	228	1187501	40.38	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	412947	40.03	nq	99
82) Chrysene	14.03	228	1252640	44.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	785048	43.14	nq	99
84) Di-n-octyl phthalate	14.60	149	1442078	42.98	nq	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	1013575	42.11	nq	99
87) Benzo(b)fluoranthene	15.01	252	1104709	39.28	nq	99
88) Benzo(k)fluoranthene	15.01	252	1104709	44.45	nq	# 95
89) Benzo(a)pyrene	15.35	252	982263	39.52	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	861013	40.95	nq	98
91) Benzo(g,h,i)perylene	17.20	276	873628	40.86	nq	# 93

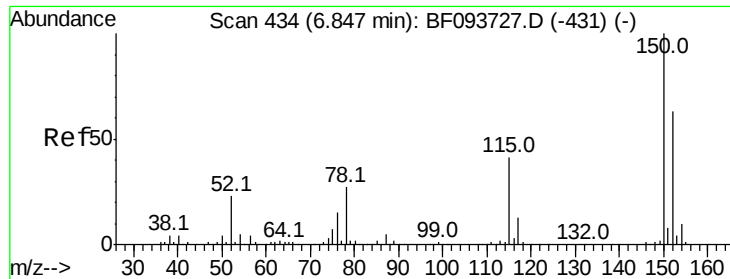
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

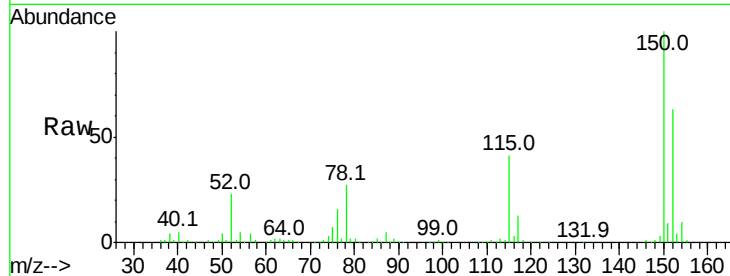
Tot Ion:152 Resp: 217115

Ion Ratio Lower Upper

152 100

150 157.9 126.2 189.2

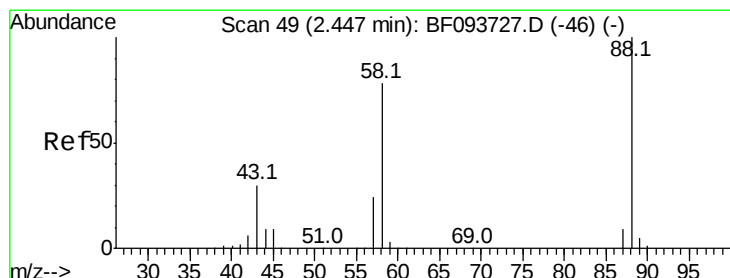
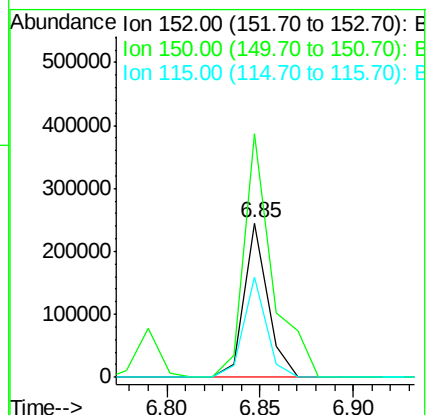
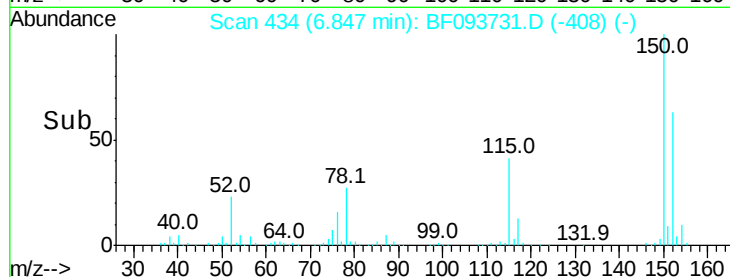
115 65.0 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.46 ng

RT: 2.45 min Scan# 49

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

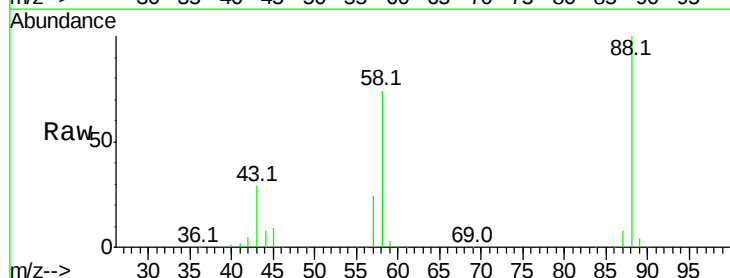
Tgt Ion: 88 Resp: 272061

Ion Ratio Lower Upper

88 100

58 74.9 61.4 92.0

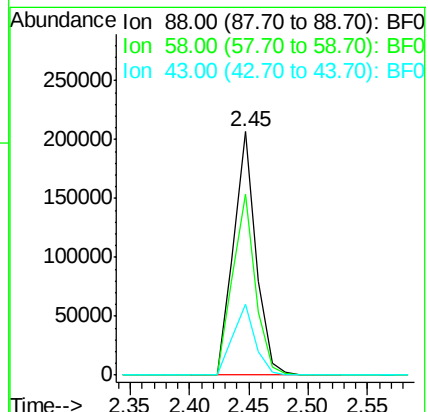
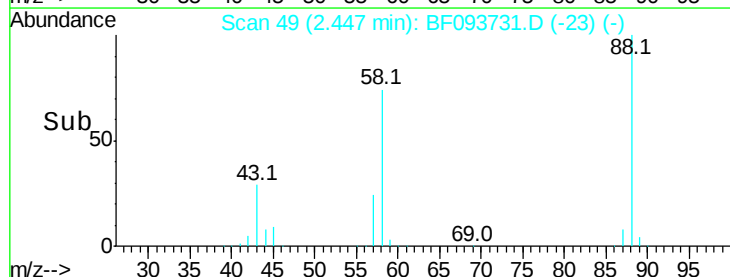
43 28.9 23.4 35.0

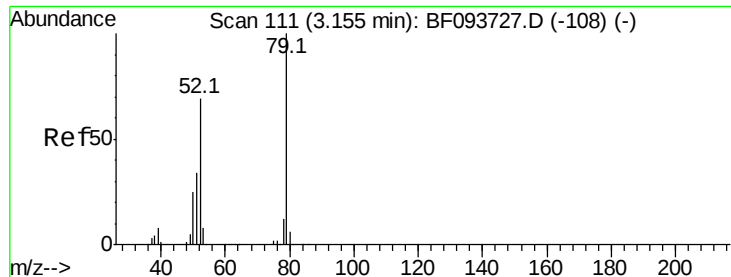


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.90 ng

RT: 3.14 min Scan# 110

Delta R.T. -0.01 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

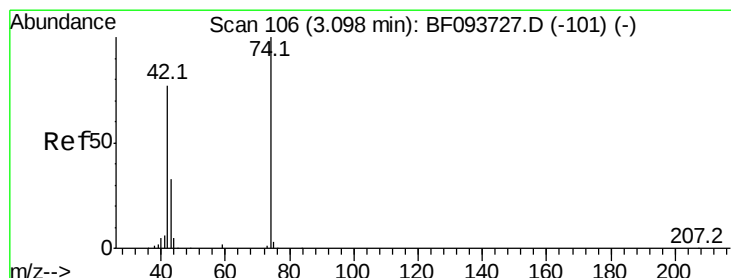
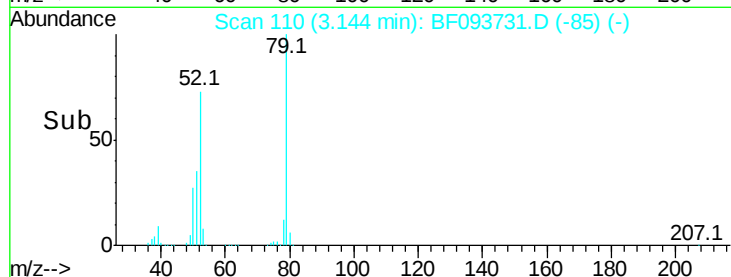
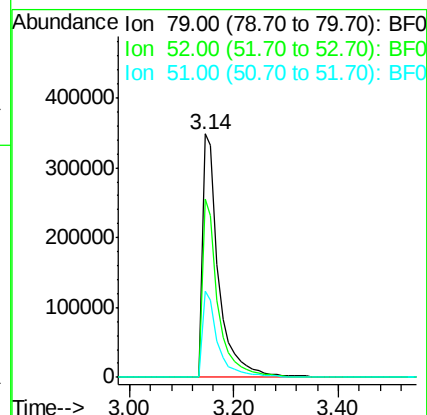
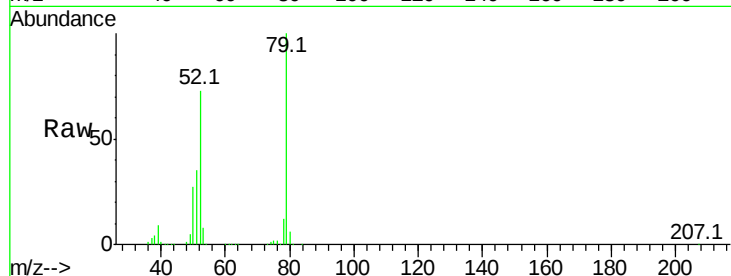
Tot Ion: 79 Resp: 752285

Ion Ratio Lower Upper

79 100

52 73.2 54.8 82.2

51 35.3 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.93 ng

RT: 3.10 min Scan# 106

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

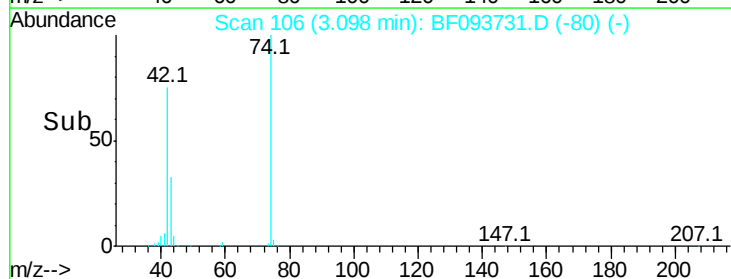
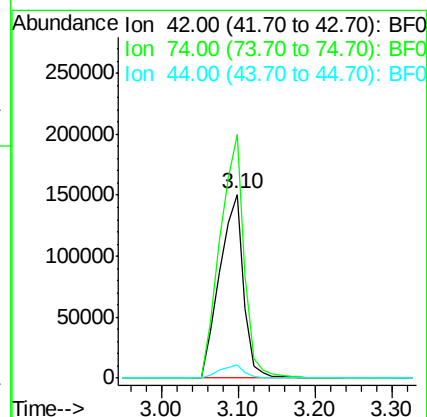
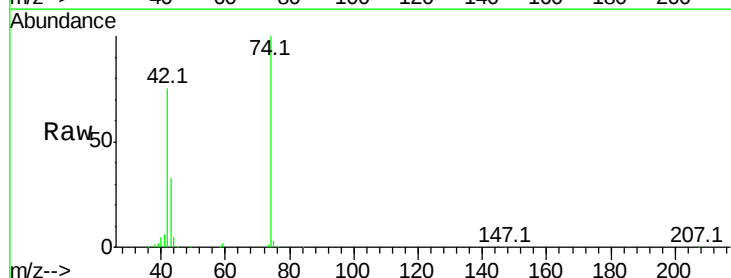
Tgt Ion: 42 Resp: 329419

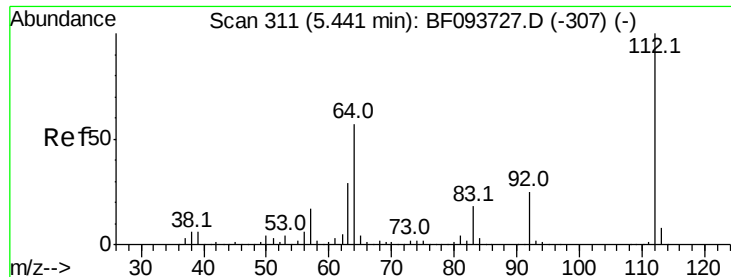
Ion Ratio Lower Upper

42 100

74 132.7 103.9 155.9

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 78.47 ng

RT: 5.44 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

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ClientSampleId :

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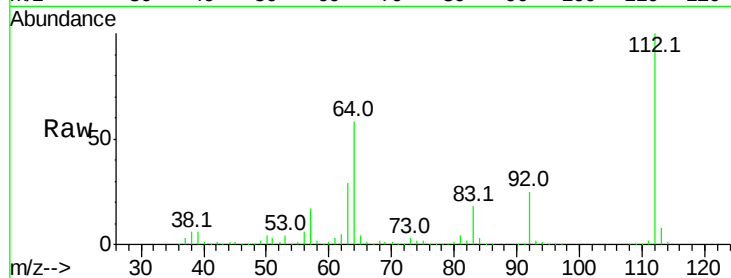
Tot Ion:112 Resp: 1021936

Ion Ratio Lower Upper

112 100

64 57.7 46.0 69.0

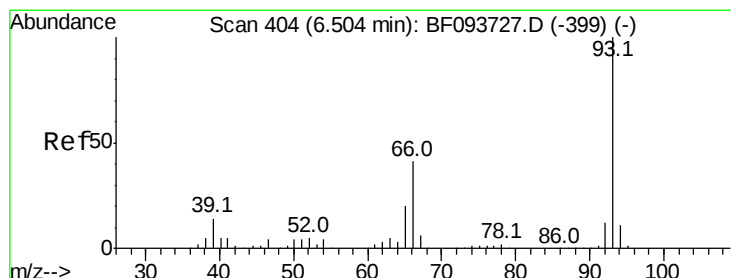
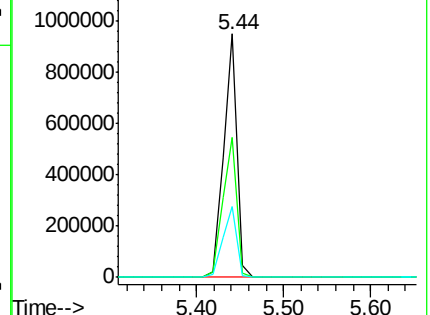
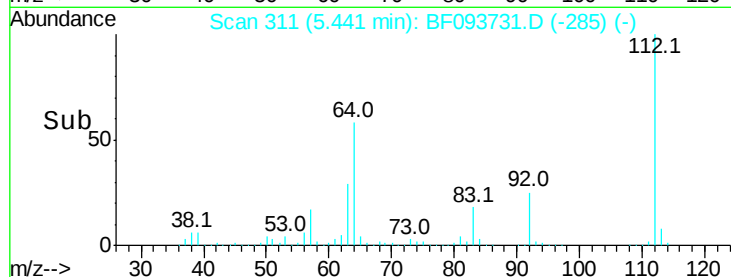
63 29.2 23.4 35.0



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: 39.83 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

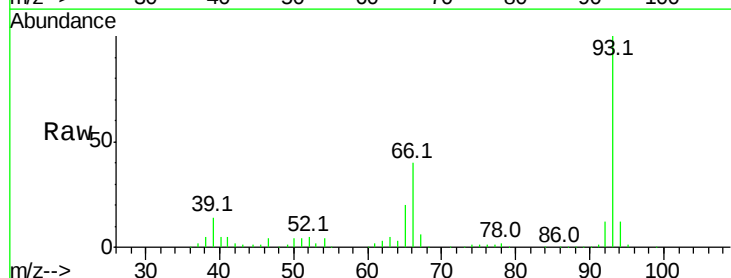
Tgt Ion: 93 Resp: 919181

Ion Ratio Lower Upper

93 100

66 40.3 32.9 49.3

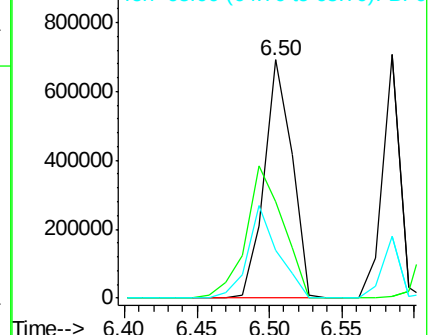
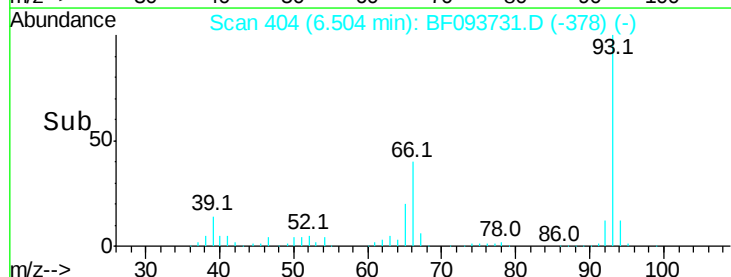
65 20.3 16.0 24.0

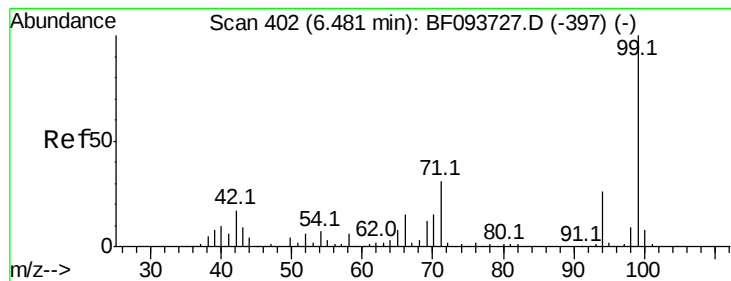


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.37 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.00 min

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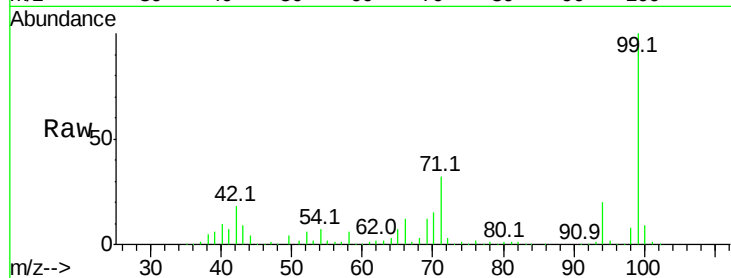
Tot Ion: 99 Resp: 1297215

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

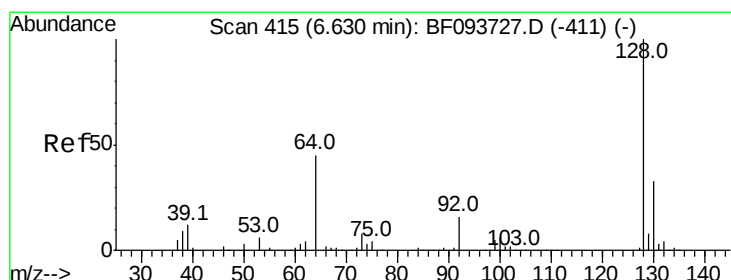
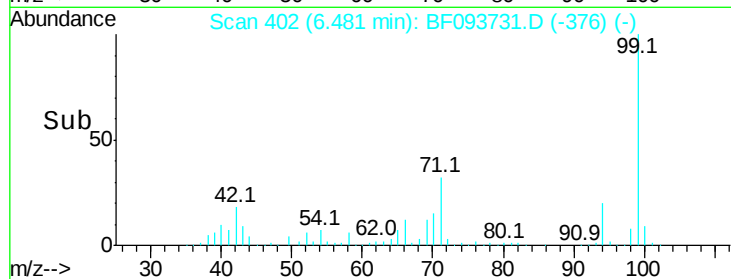
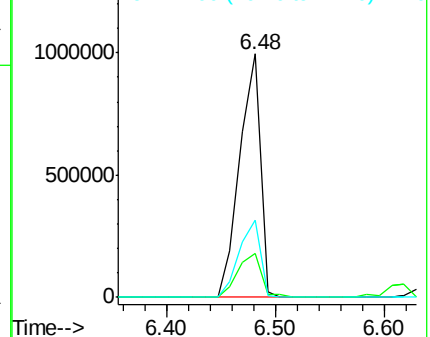
71 31.7 24.5 36.7



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: 39.04 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

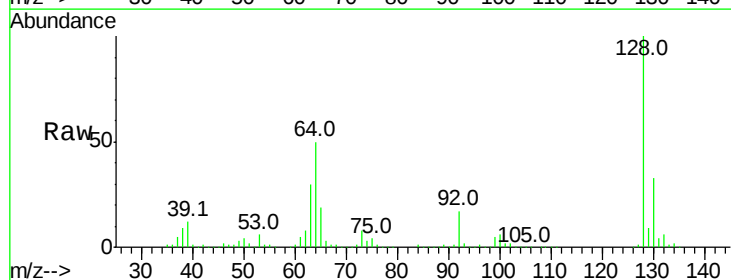
Tgt Ion: 128 Resp: 565362

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

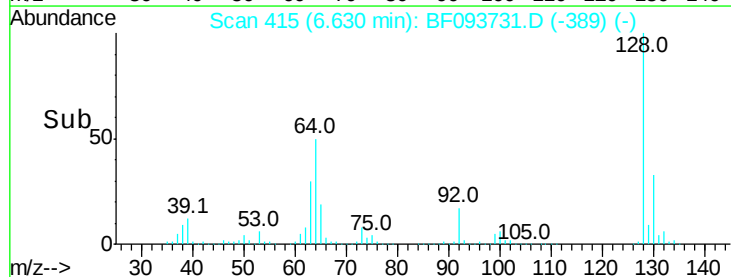
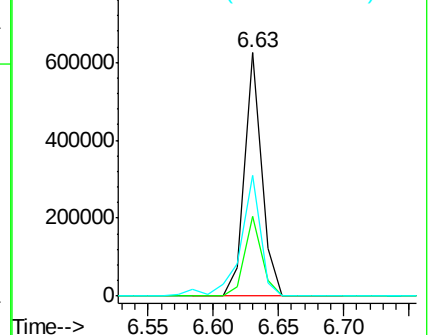
64 49.7 28.4 68.4

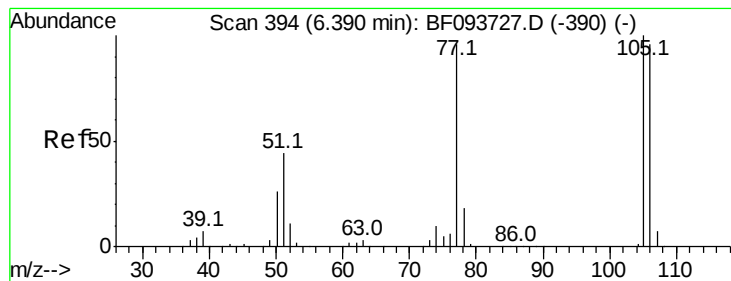


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.89 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

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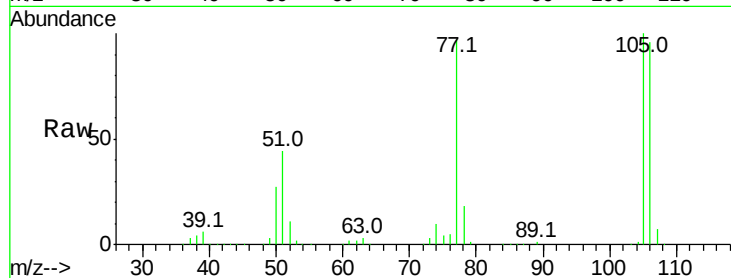
Tot Ion: 77 Resp: 370172

Ion Ratio Lower Upper

77 100

105 103.4 83.8 123.8

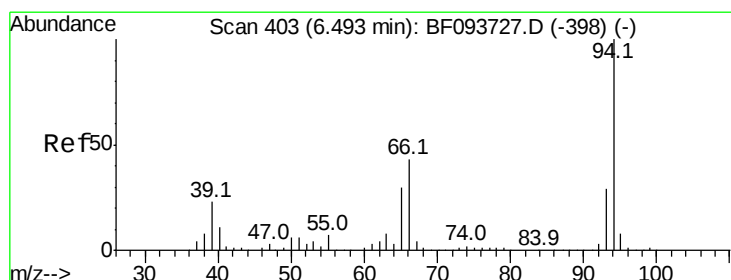
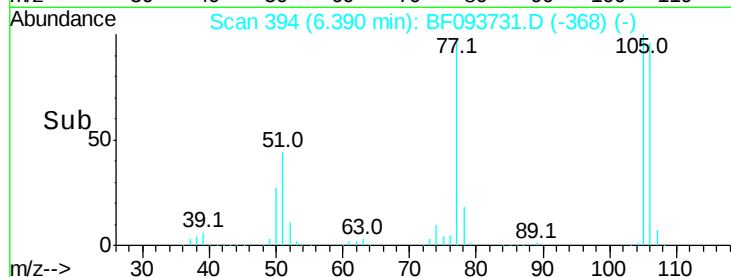
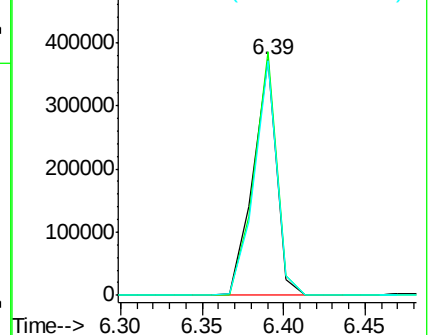
106 99.5 79.1 119.1



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: 44.52 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

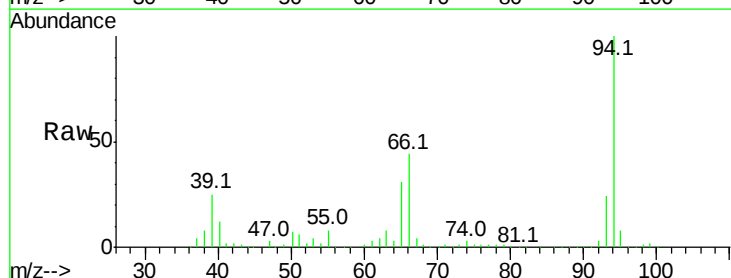
Tgt Ion: 94 Resp: 840092

Ion Ratio Lower Upper

94 100

65 30.6 9.9 49.9

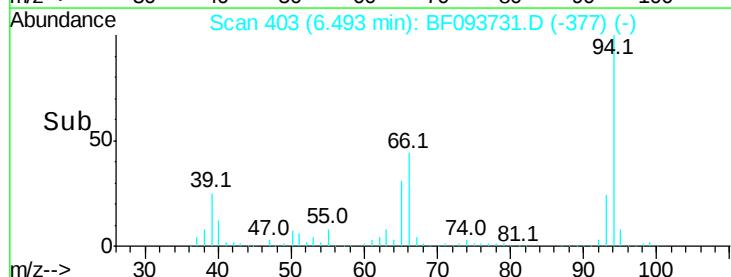
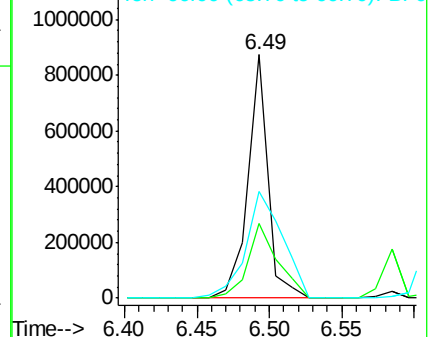
66 43.7 23.1 63.1

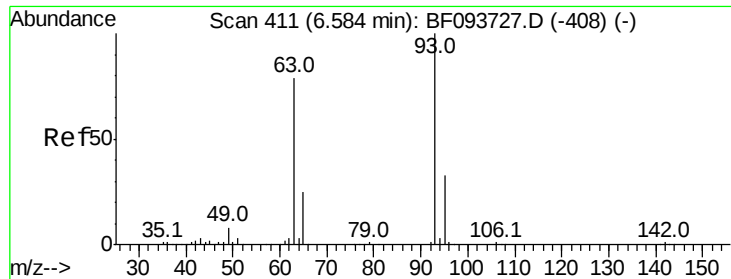


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.19 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

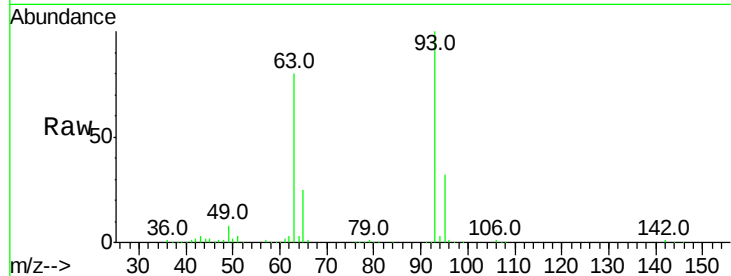
Tot Ion: 93 Resp: 582840

Ion Ratio Lower Upper

93 100

63 80.0 59.2 99.2

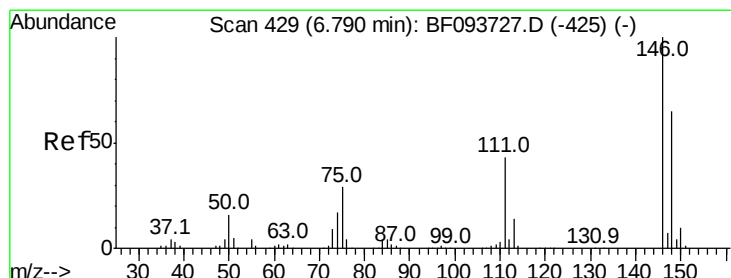
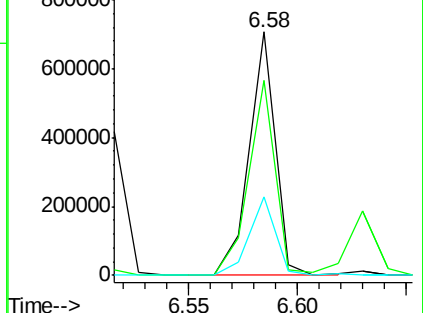
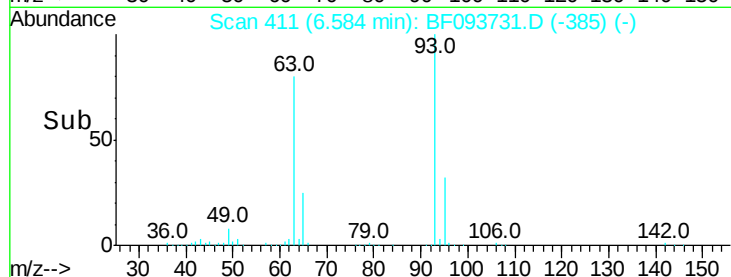
95 32.5 12.8 52.8



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: 39.77 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

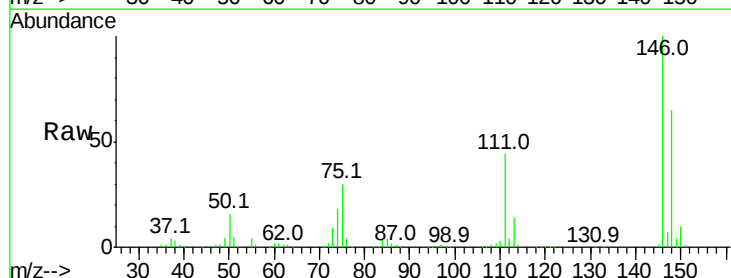
Tgt Ion: 146 Resp: 637962

Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

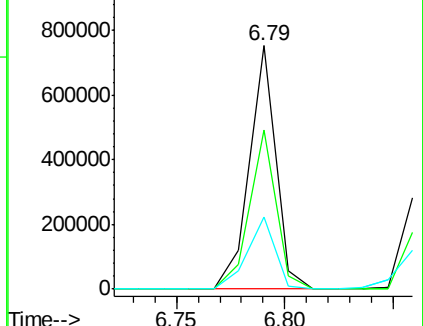
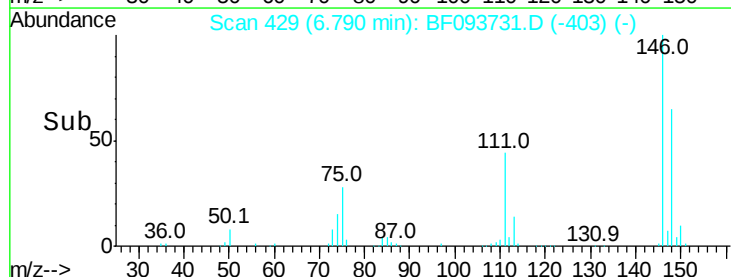
75 29.8 23.1 34.7

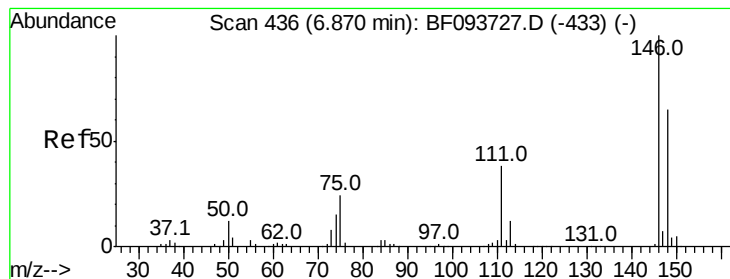


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.35 ng

RT: 6.87 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

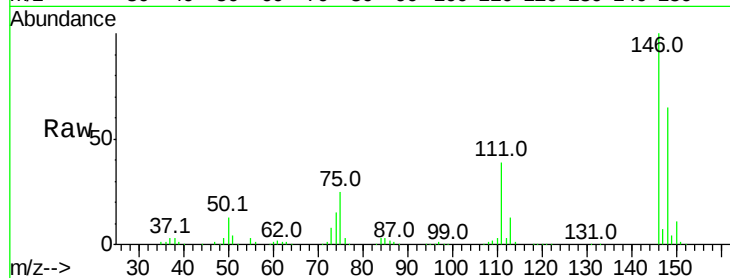
Tot Ion:146 Resp: 679333

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

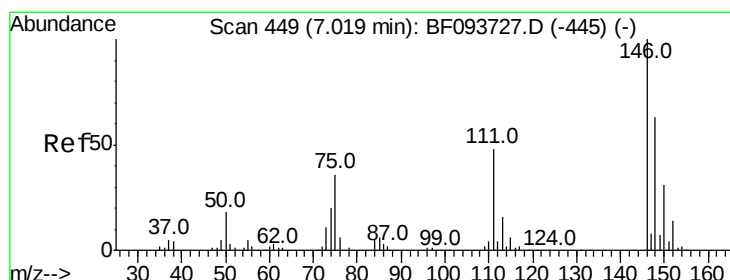
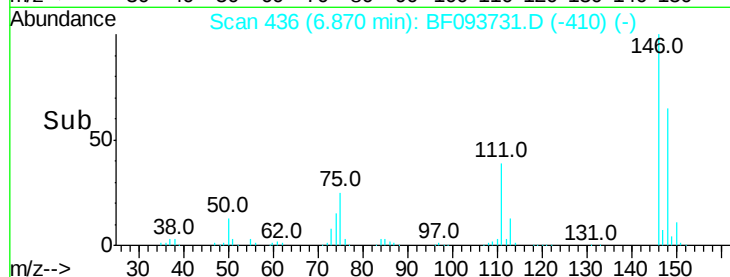
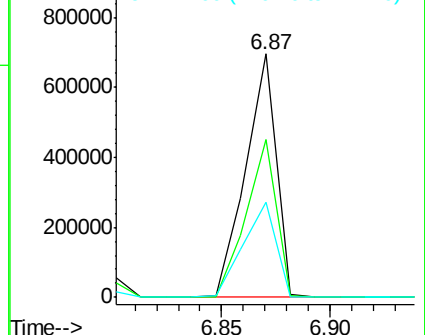
111 39.2 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.28 ng

RT: 7.02 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

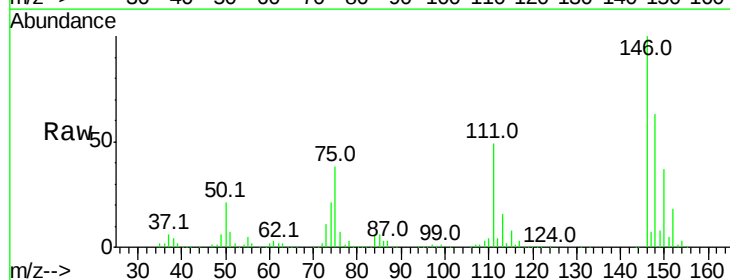
Tgt Ion:146 Resp: 557270

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

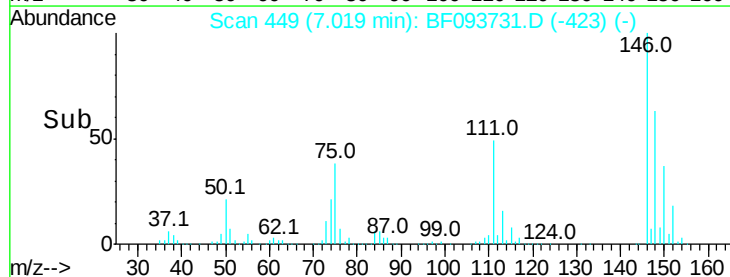
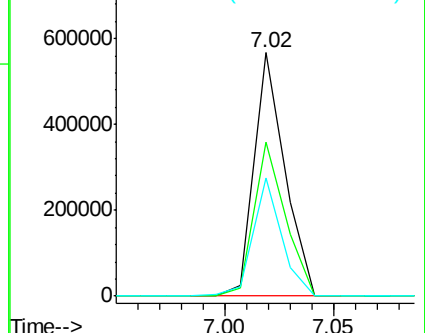
111 48.7 38.2 57.4

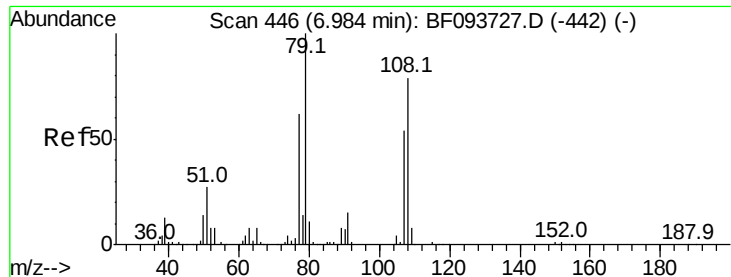


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.56 ng

RT: 6.98 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

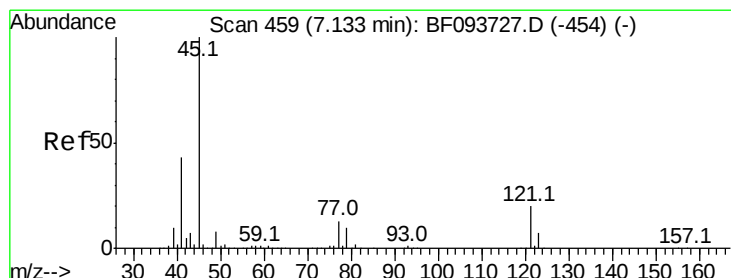
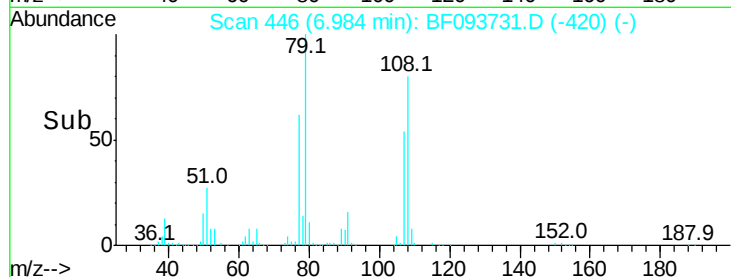
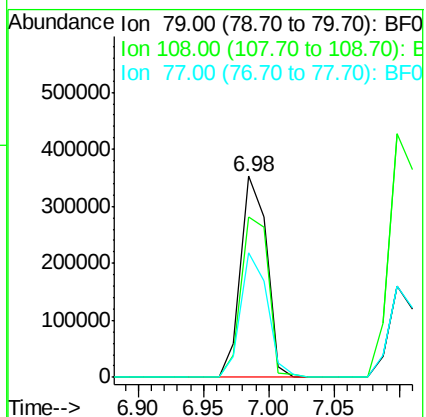
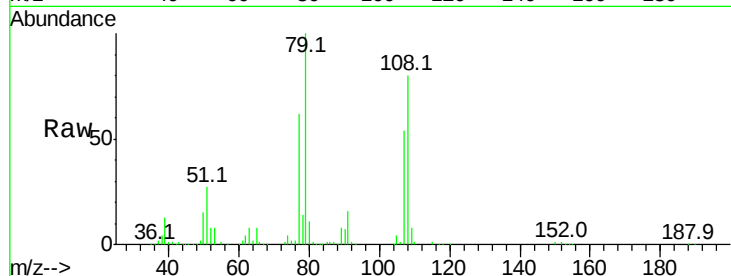
Tot Ion: 79 Resp: 490143

Ion Ratio Lower Upper

79 100

108 79.5 63.4 95.0

77 62.1 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.05 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

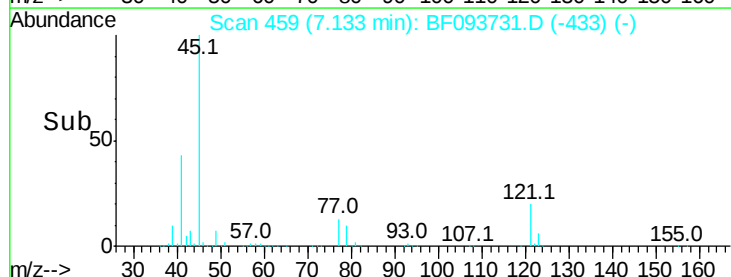
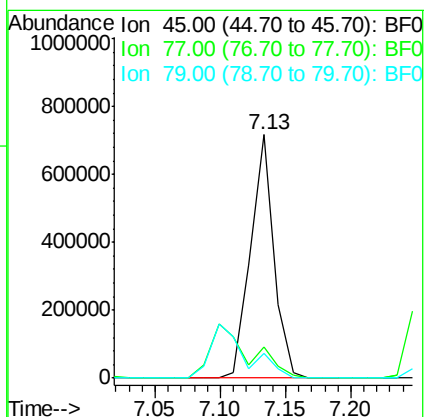
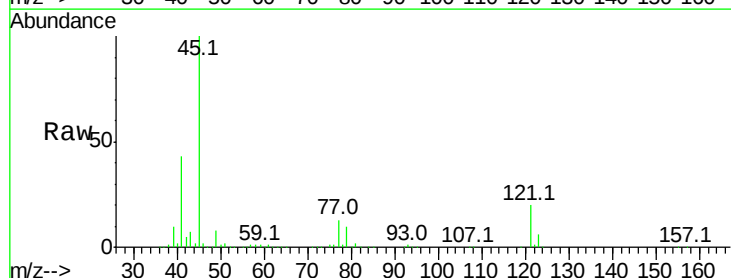
Tgt Ion: 45 Resp: 892115

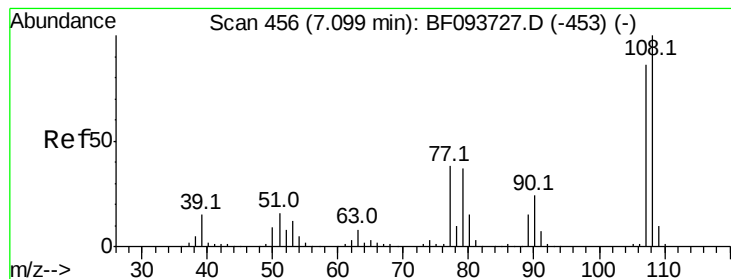
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

79 9.9 0.0 30.0





#17

2-Methylphenol

Concen: 41.69 ng

RT: 7.10 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

Tot Ion:107 Resp: 522549

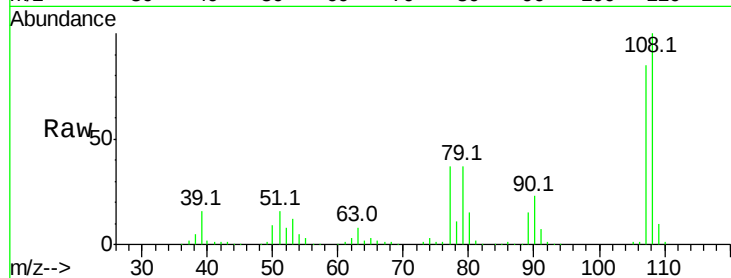
Ion Ratio Lower Upper

107 100

108 118.0 93.4 140.0

77 44.0 35.8 53.6

79 44.0 34.8 52.2

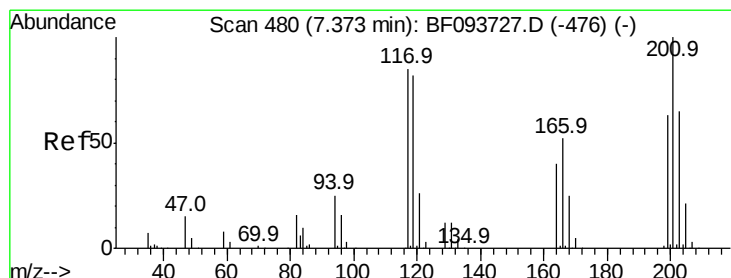
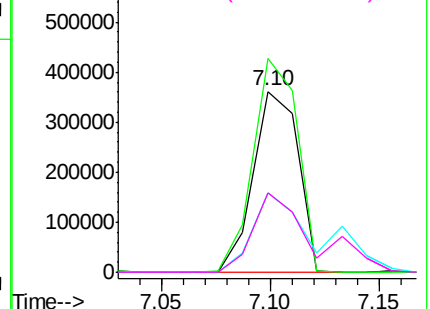
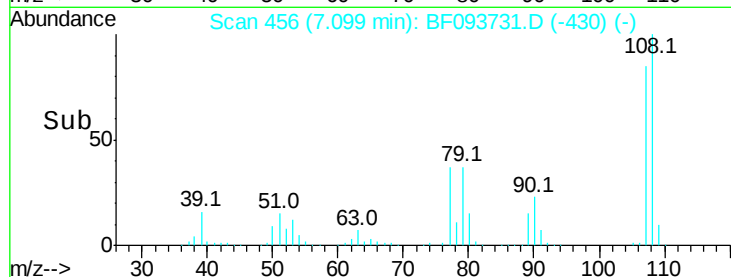


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.47 ng

RT: 7.37 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

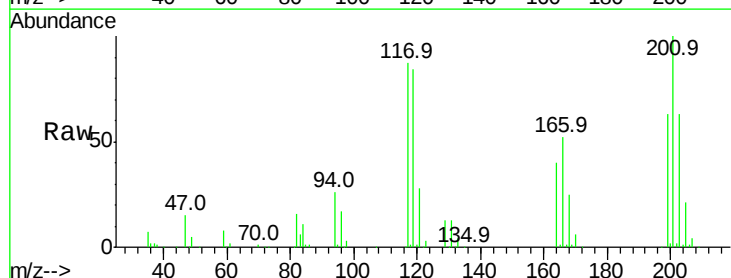
Tgt Ion:117 Resp: 236215

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

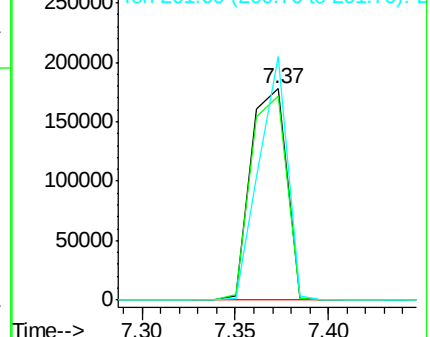
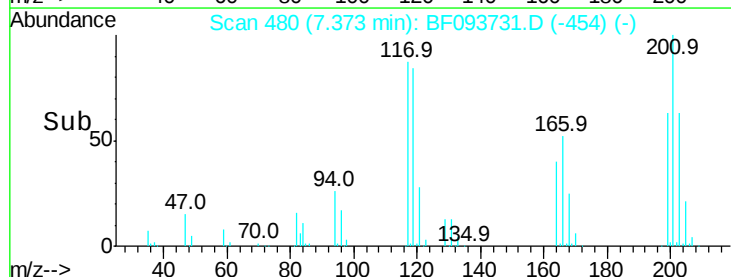
201 115.3 94.6 141.8

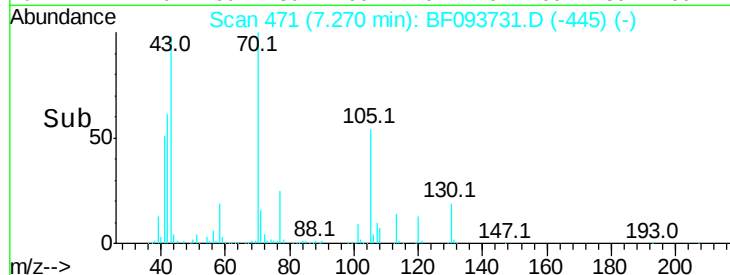
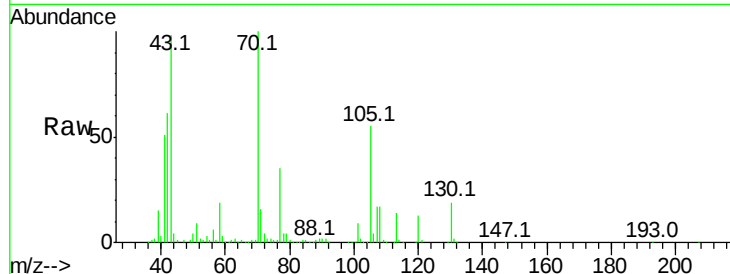
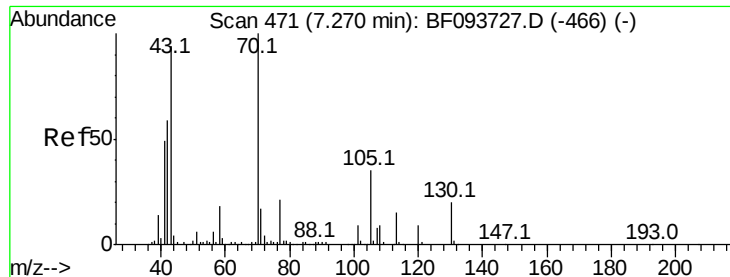


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

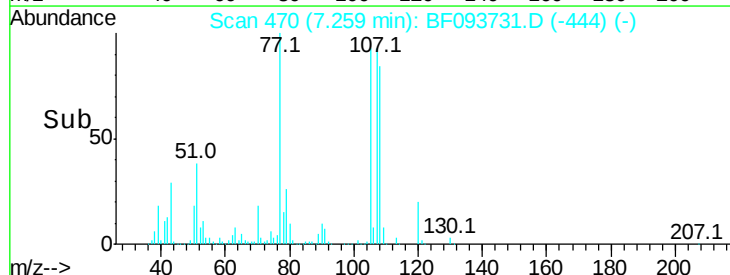
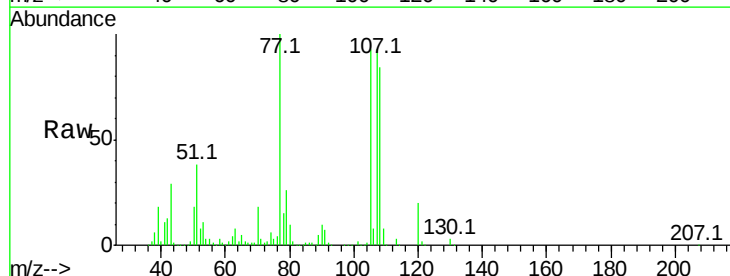
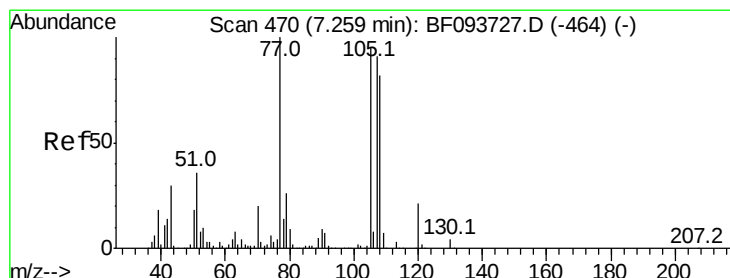
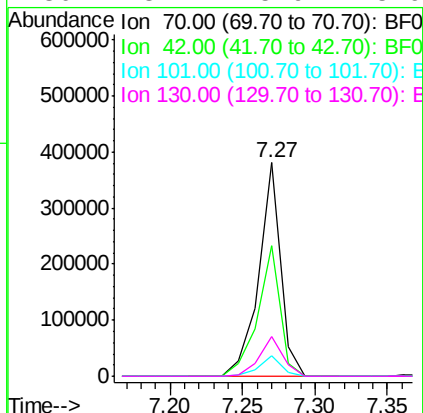




#19
n-Nitroso-di-n-propylamine
Concen: 37.35 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

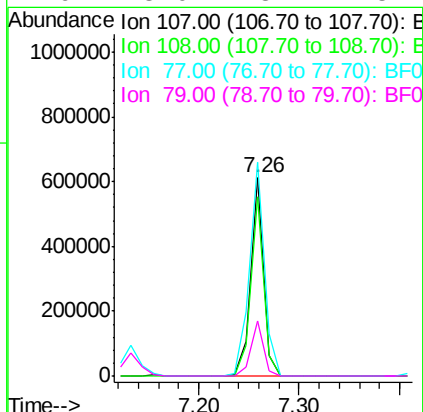
Instrument :
BNA_F
ClientSampleId :
ICVBF031817

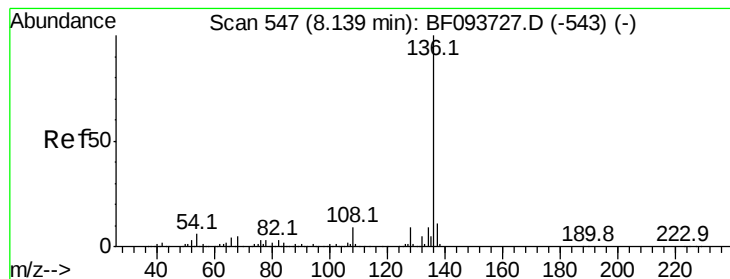
Tot Ion:	70	Resp:	400255
Ion	Ratio	Lower	Upper
70	100		
42	61.2	47.2	70.8
101	9.3	7.2	10.8
130	18.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 36.54 ng
RT: 7.26 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

Tgt Ion:	107	Resp:	542907
Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.0	111.0
77	107.7	90.5	130.5
79	28.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

Tot Ion:136 Resp: 919701

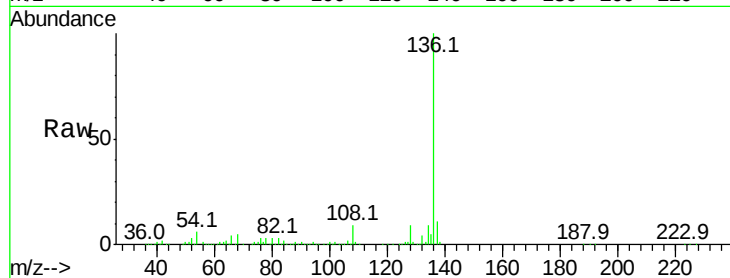
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.2 4.9 7.3

68 5.2 4.1 6.1

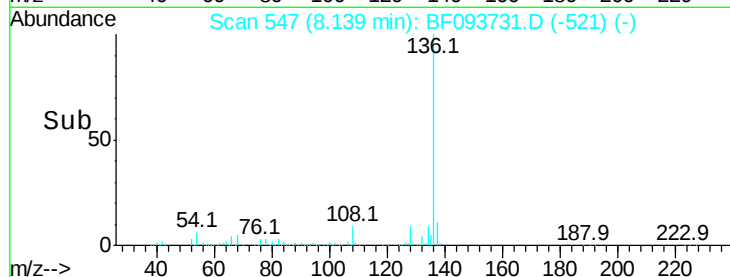


Abundance Ion 136.00 (135.70 to 136.70): E

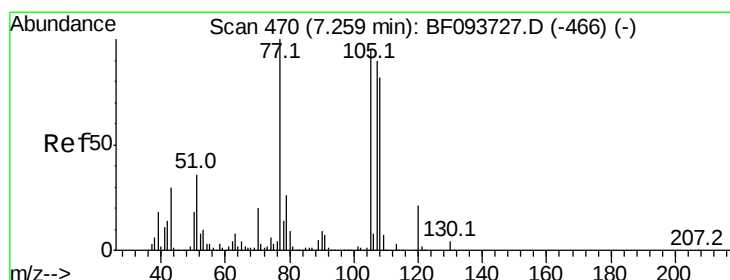
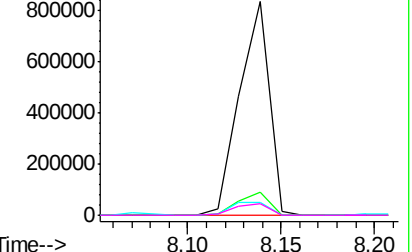
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.65 ng

RT: 7.26 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Tgt Ion:105 Resp: 709999

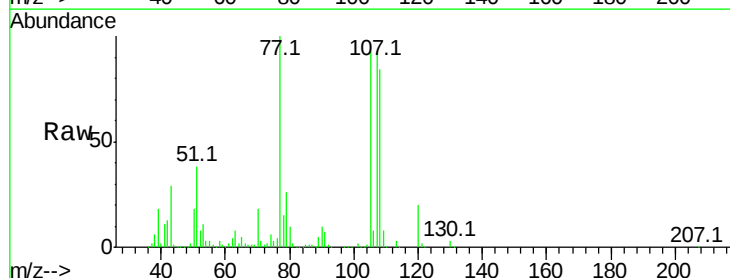
Ion Ratio Lower Upper

105 100

71 3.4 2.8 4.2

51 40.4 30.7 46.1

120 21.2 17.4 26.0

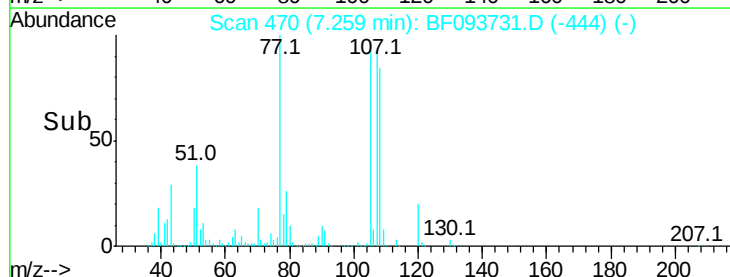


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

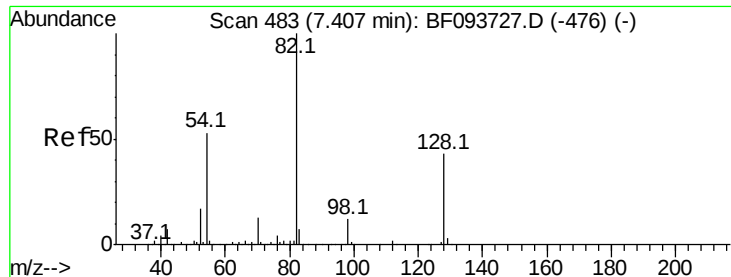
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



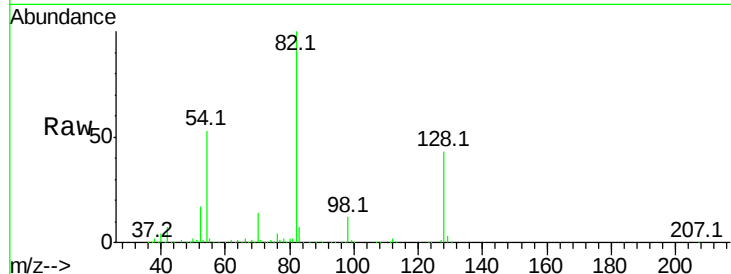


#23
 Nitrobenzene-d5
 Concen: 82.77 ng
 RT: 7.41 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

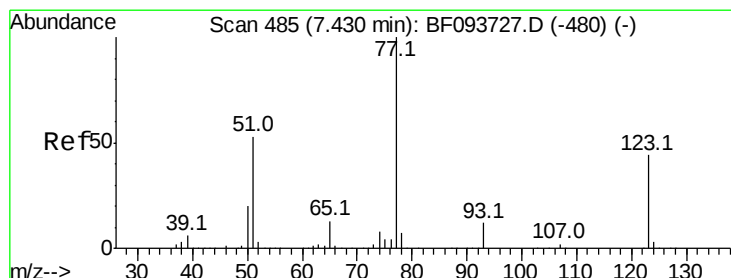
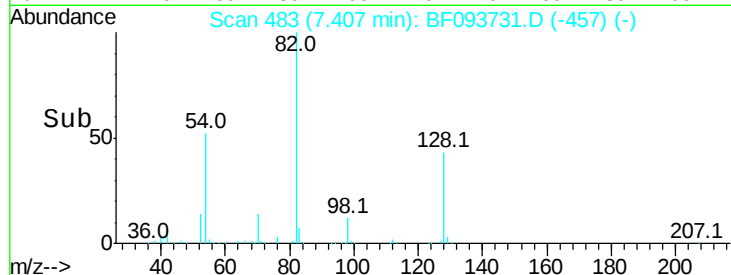
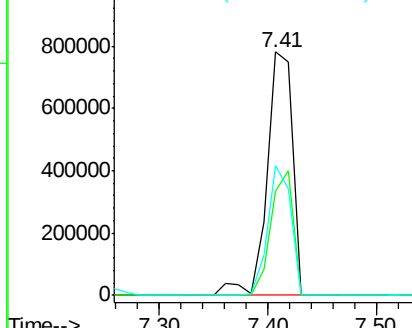
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

Tot Ion: 82 Resp: 1268299

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	53.0	42.2	63.2



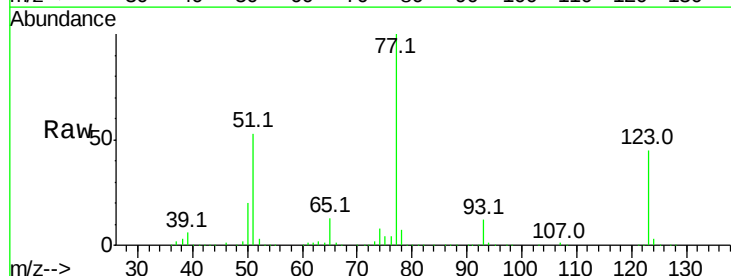
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



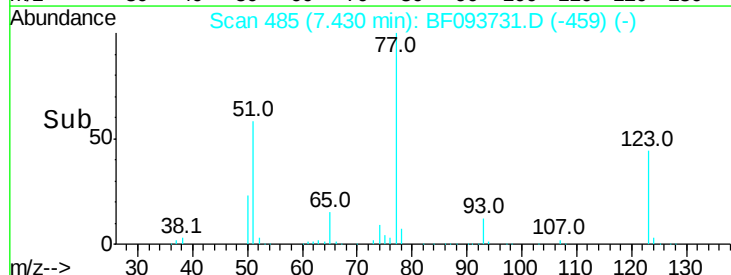
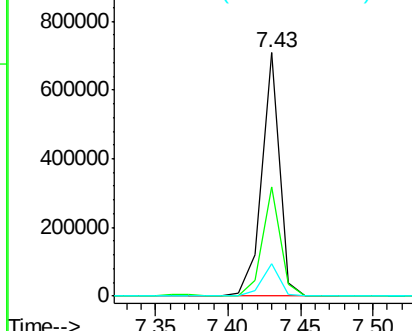
#24
 Nitrobenzene
 Concen: 36.35 ng
 RT: 7.43 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

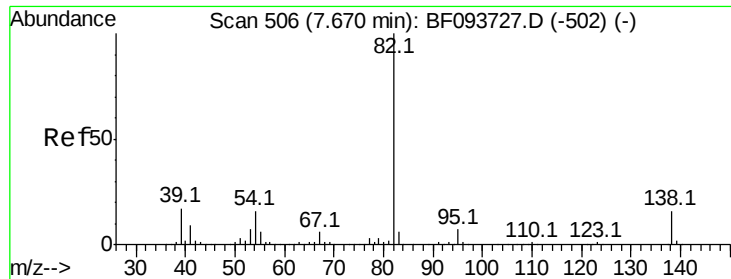
Tgt Ion: 77 Resp: 602140

Ion	Ratio	Lower	Upper
77	100		
123	45.1	35.8	53.8
65	13.2	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.80 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

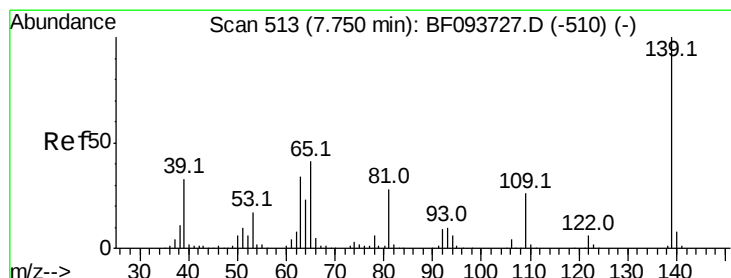
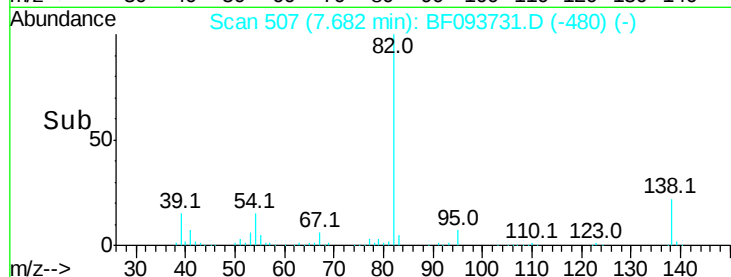
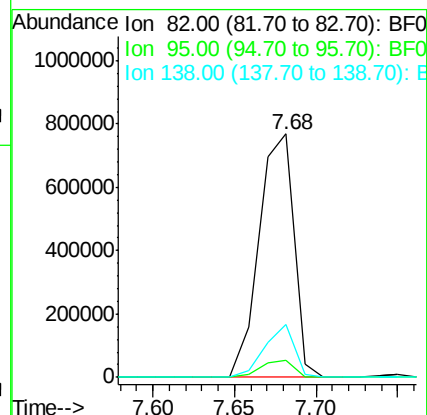
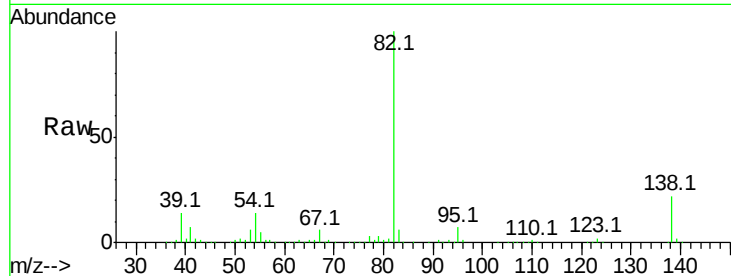
Tot Ion: 82 Resp: 1144343

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 21.5 13.1 19.7#



#26

2-Nitrophenol

Concen: 49.37 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

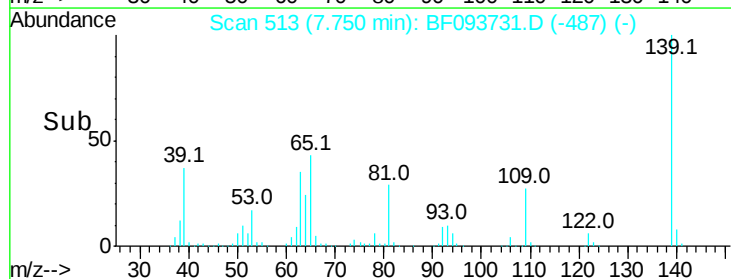
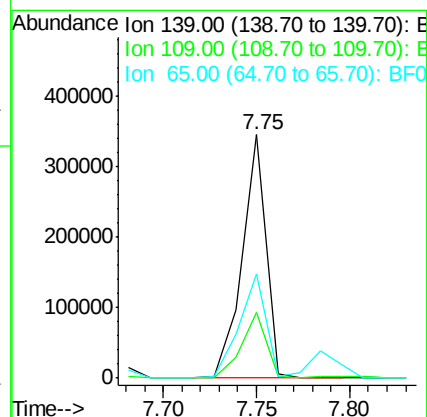
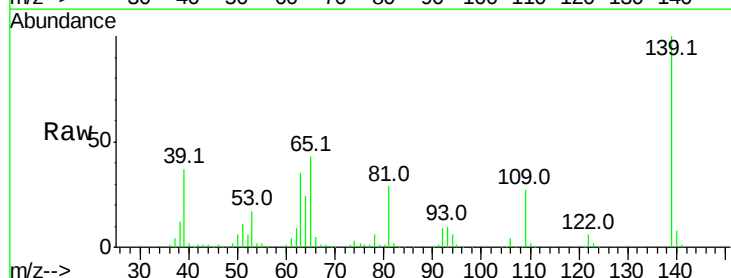
Tgt Ion:139 Resp: 309664

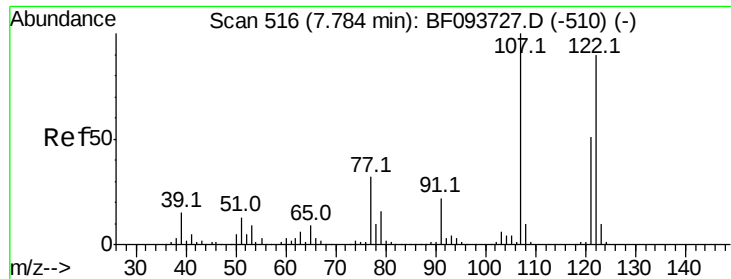
Ion Ratio Lower Upper

139 100

109 27.1 21.0 31.6

65 42.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 38.03 ng

RT: 7.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

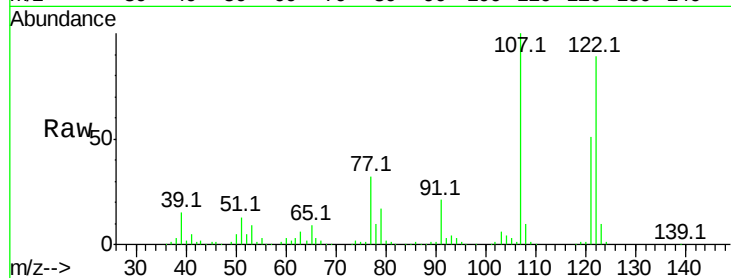
Tot Ion:122 Resp: 545819

Ion Ratio Lower Upper

122 100

107 112.0 89.2 133.8

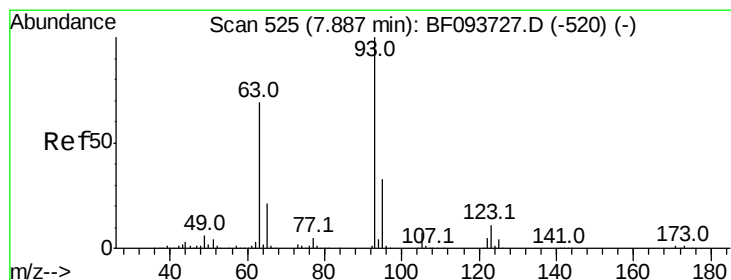
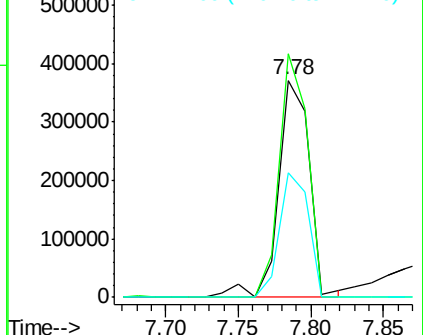
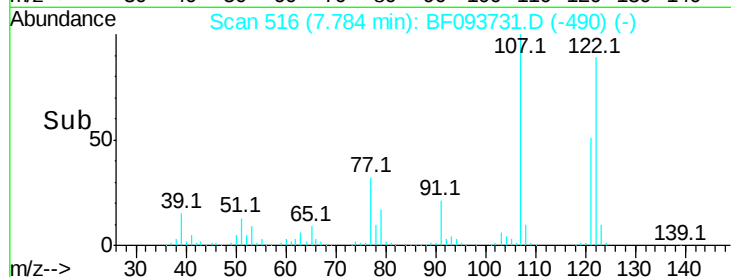
121 57.1 45.2 67.8



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: 38.24 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

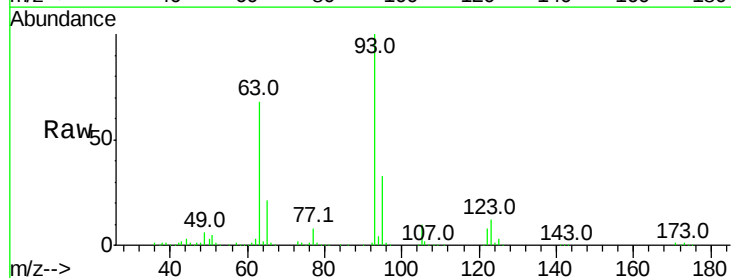
Tgt Ion: 93 Resp: 711905

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

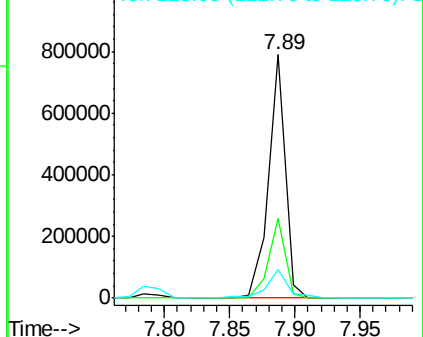
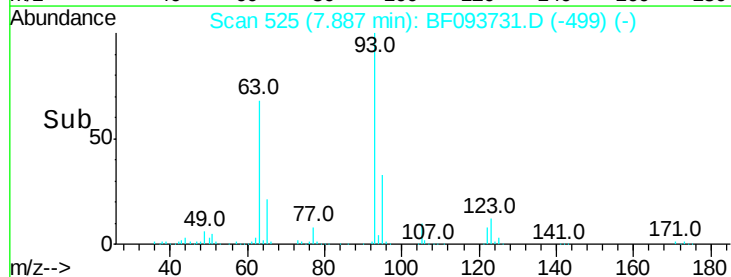
123 11.6 9.0 13.4

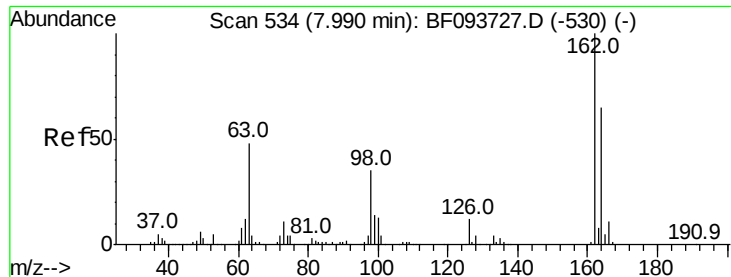


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.66 ng

RT: 7.99 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

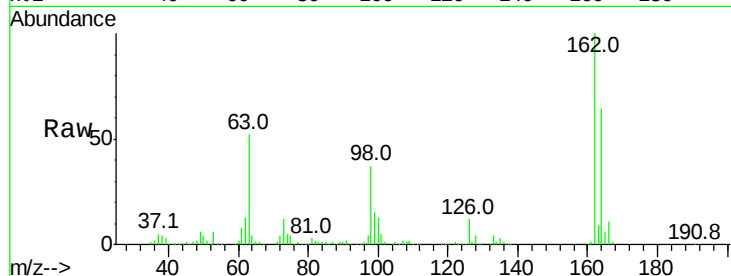
Tot Ion:162 Resp: 489095

Ion Ratio Lower Upper

162 100

164 64.3 44.6 84.6

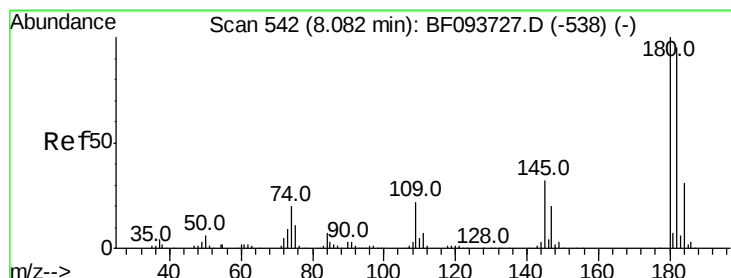
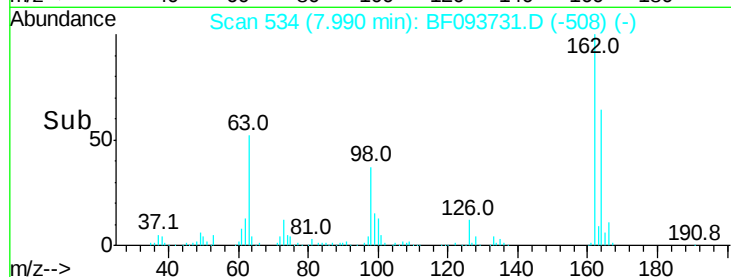
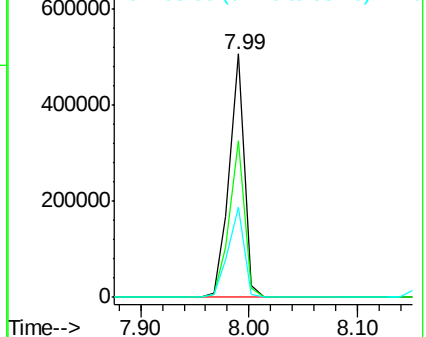
98 37.1 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.17 ng

RT: 8.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

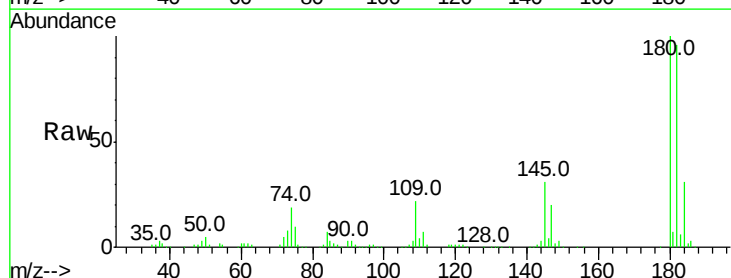
Tgt Ion:180 Resp: 516303

Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.6

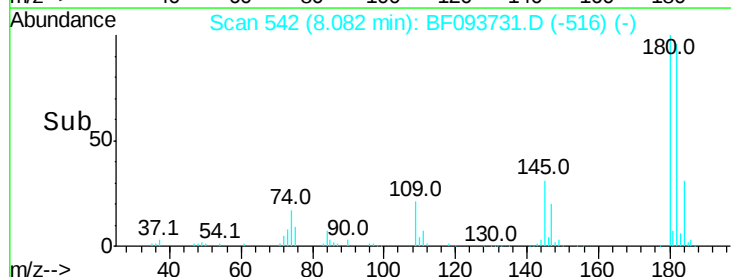
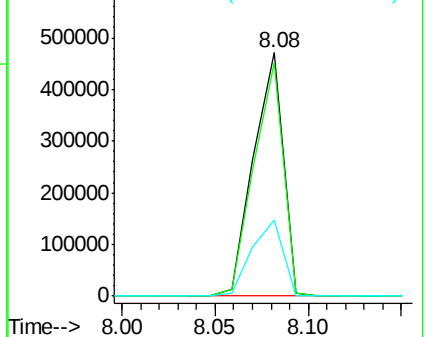
145 30.9 25.3 37.9

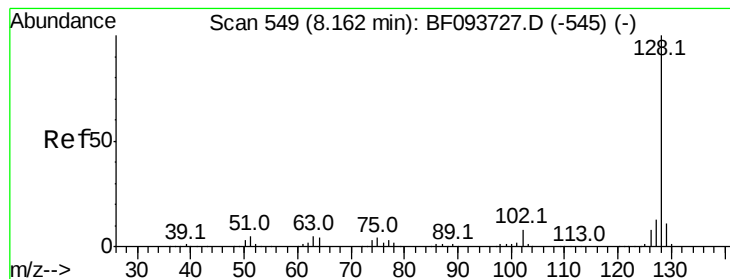


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.42 ng

RT: 8.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

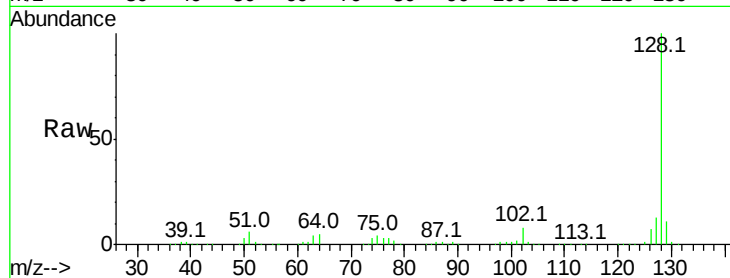
Tot Ion:128 Resp: 1767481

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

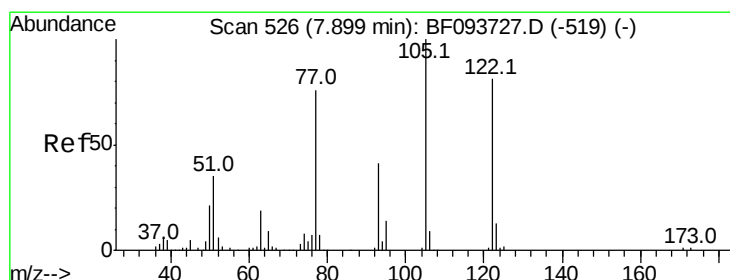
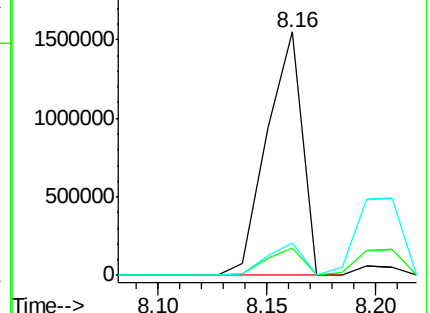
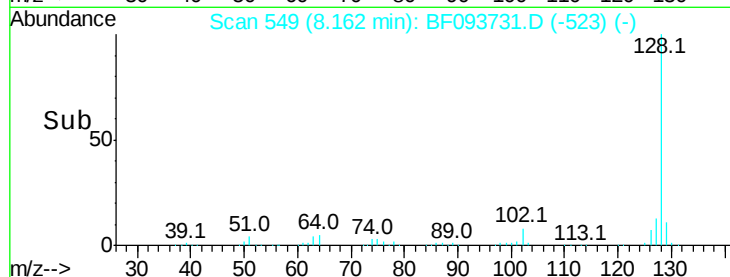
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.03 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

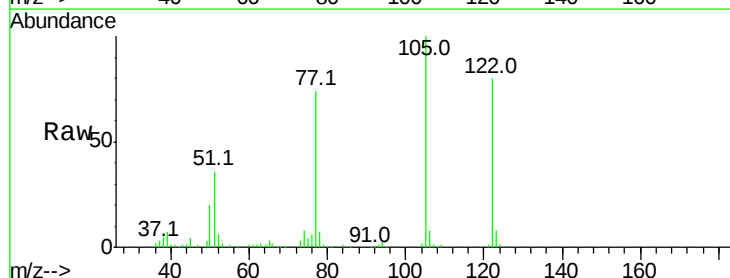
Tgt Ion:122 Resp: 358776

Ion Ratio Lower Upper

122 100

105 125.2 103.3 143.3

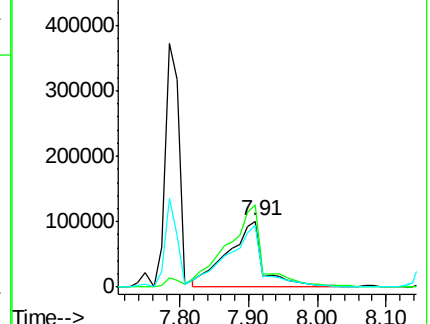
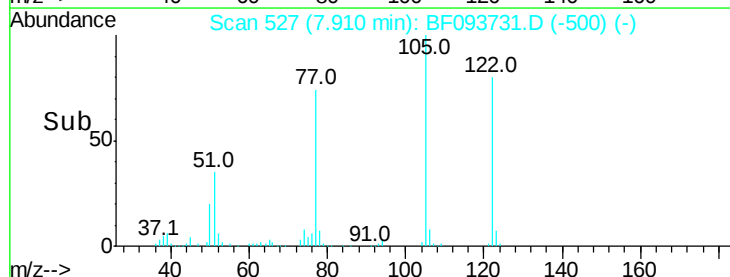
77 92.9 73.7 113.7

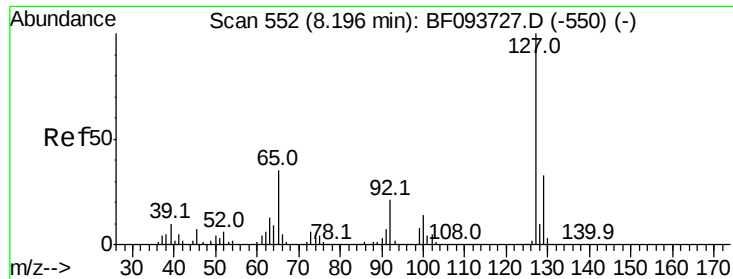


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

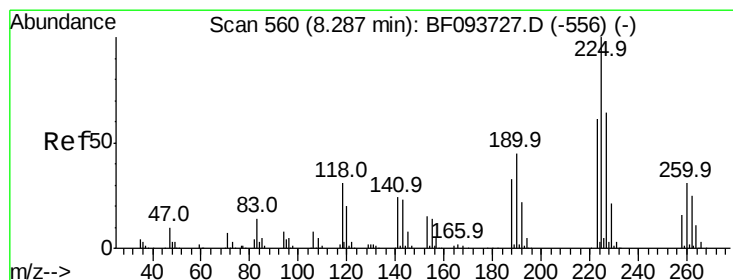
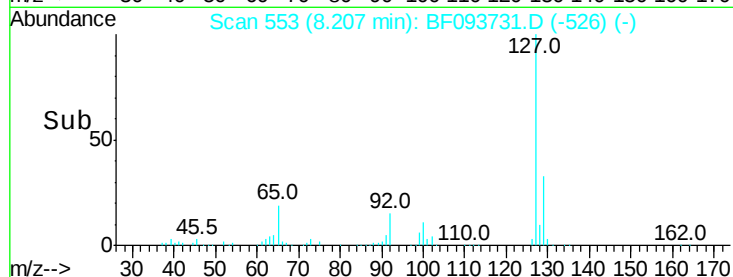
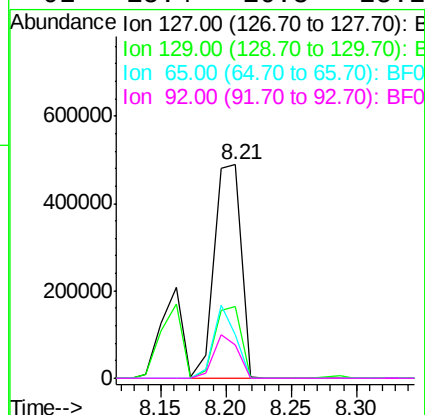
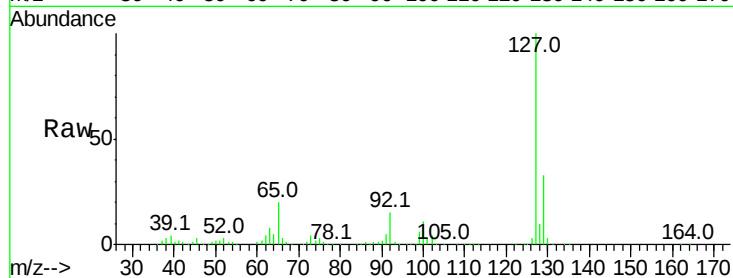




#33
 4-Chloroaniline
 Concen: 37.57 ng
 RT: 8.21 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

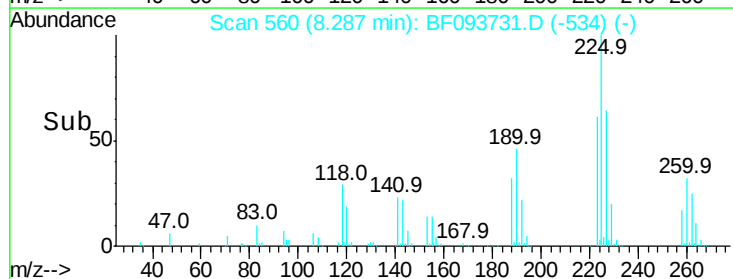
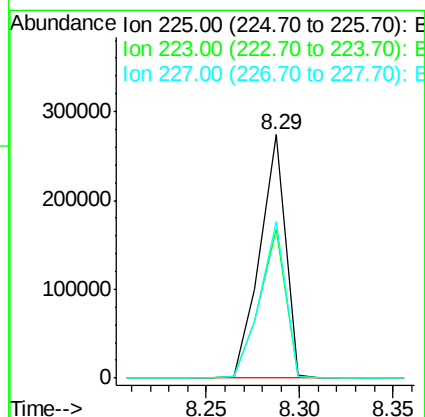
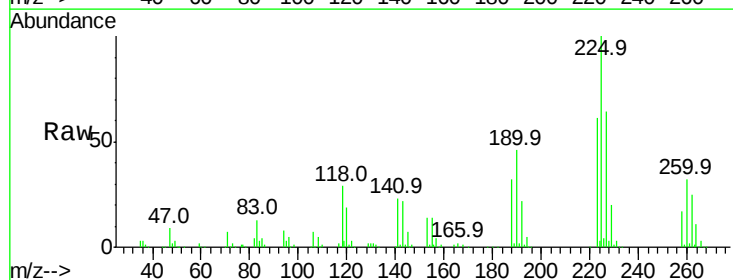
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

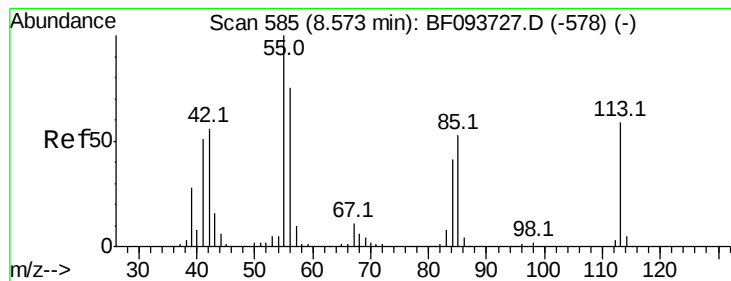
Tot Ion:	127	Resp:	705607
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.2
65	20.4	27.8	41.8#
92	15.4	16.8	25.2#



#34
 Hexachlorobutadiene
 Concen: 38.69 ng
 RT: 8.29 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Tgt Ion:	225	Resp:	260415
Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.8	73.2
227	64.3	51.1	76.7





#35

Caprolactam

Concen: 37.07 ng

RT: 8.57 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

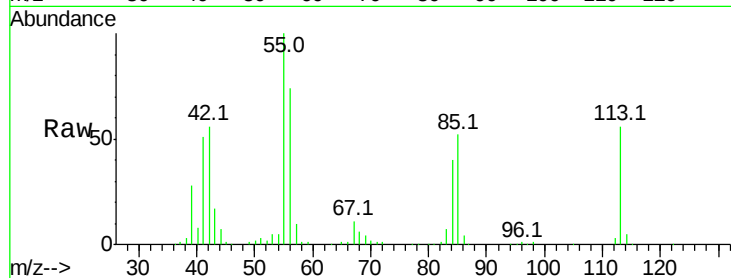
Tot Ion:113 Resp: 153442

Ion Ratio Lower Upper

113 100

55 179.7 150.2 190.2

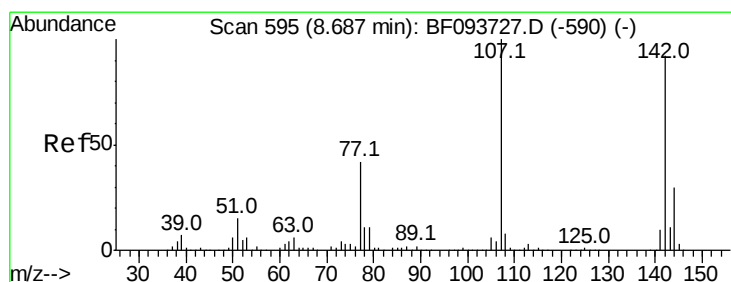
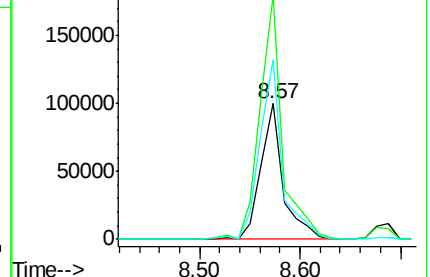
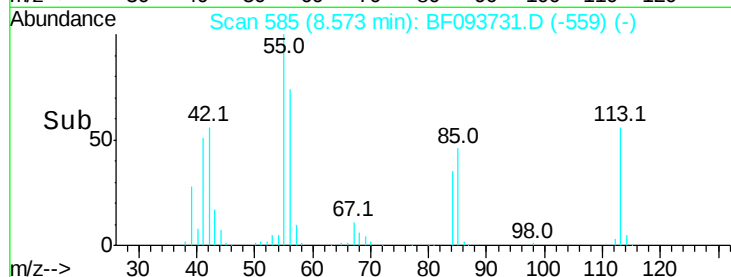
56 132.7 107.8 147.8



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: 40.84 ng

RT: 8.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

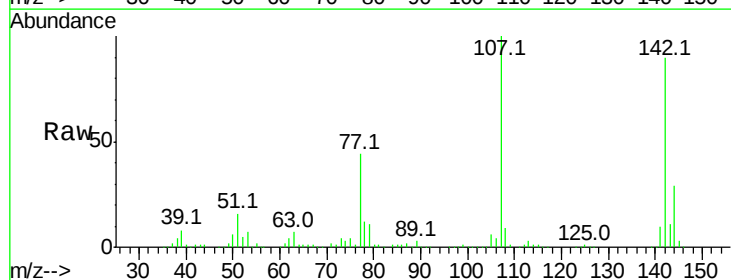
Tgt Ion:107 Resp: 530180

Ion Ratio Lower Upper

107 100

144 29.3 24.2 36.4

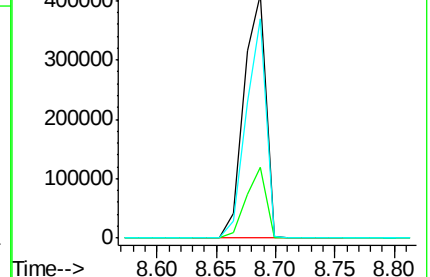
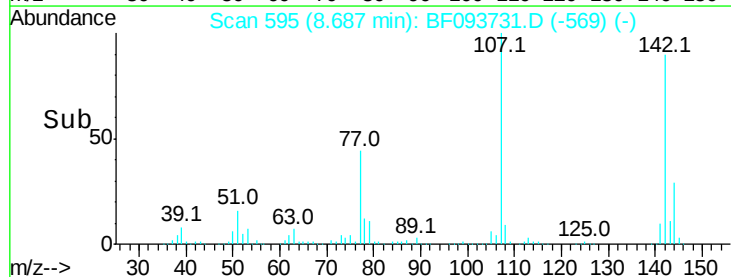
142 89.9 73.4 110.0

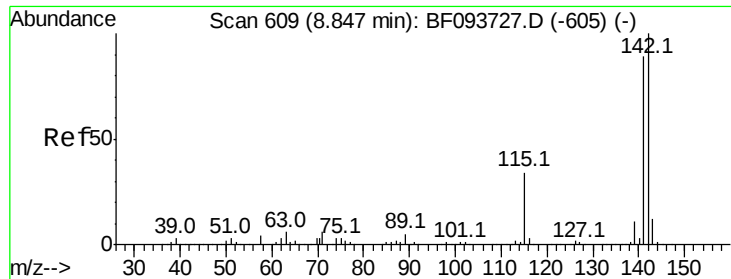


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

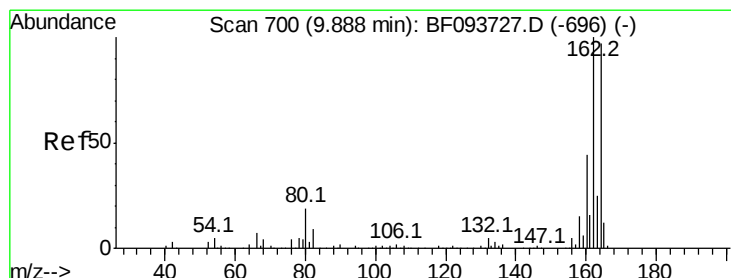
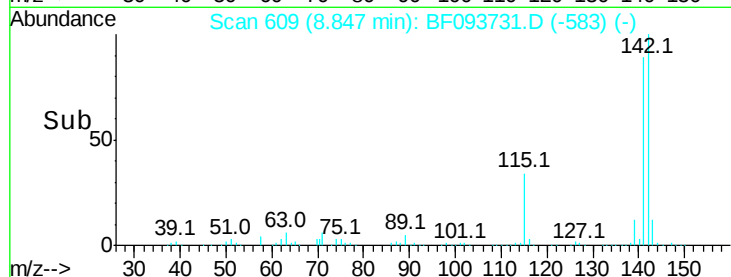
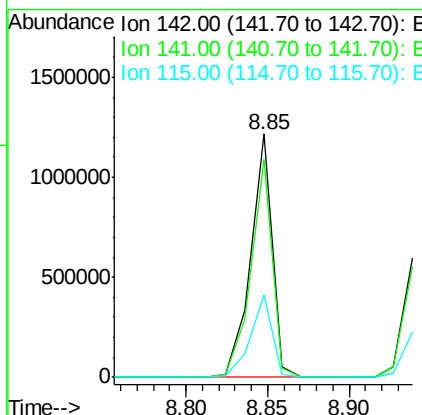
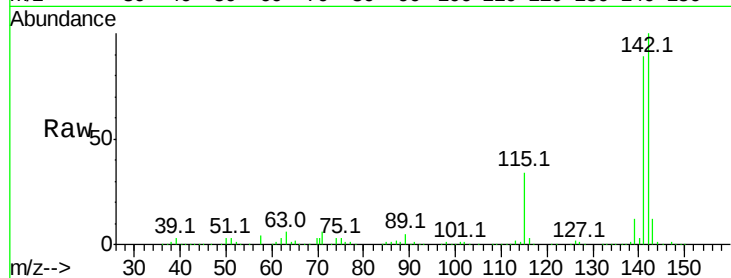




#37
 2-Methylnaphthalene
 Concen: 38.24 ng
 RT: 8.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

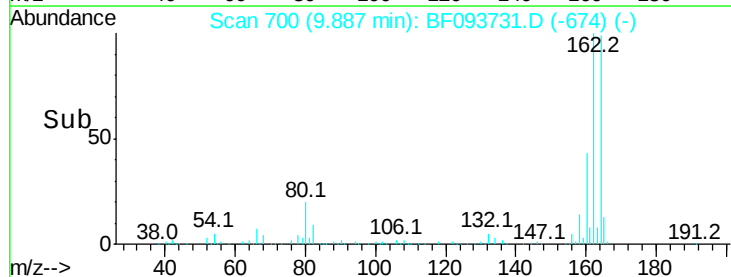
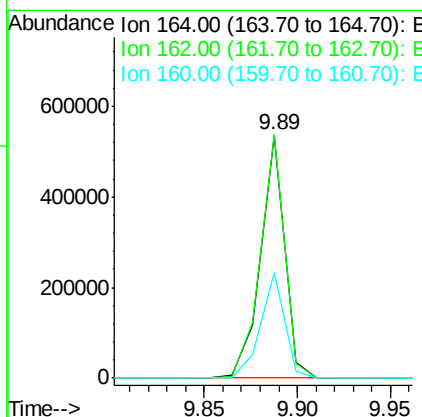
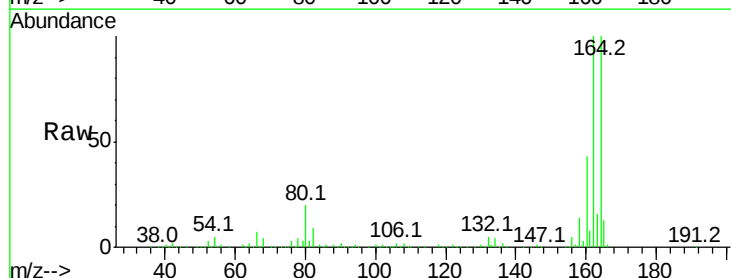
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

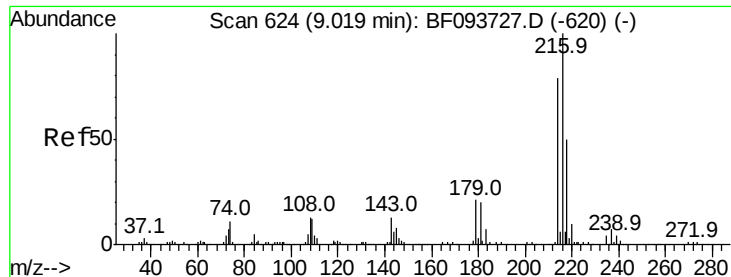
Tot Ion:142 Resp: 1110672
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.3 106.9
 115 33.7 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Tgt Ion:164 Resp: 474714
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.6 123.8
 160 43.5 36.2 54.2

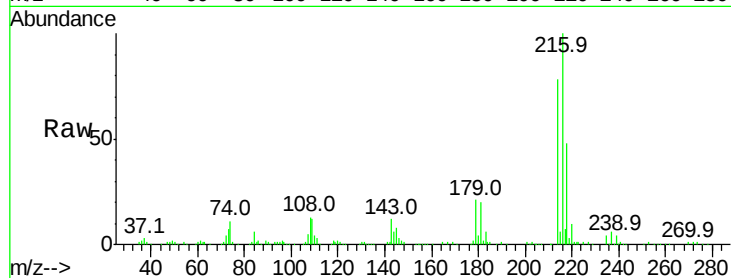




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.18 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

Tot Ion:	216	Resp:	446659
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	22.2	17.9	26.9
108	20.2	16.5	24.7

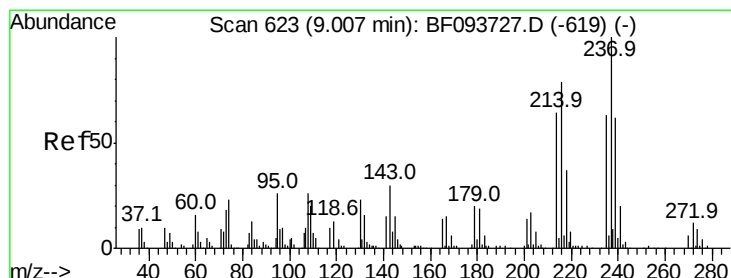
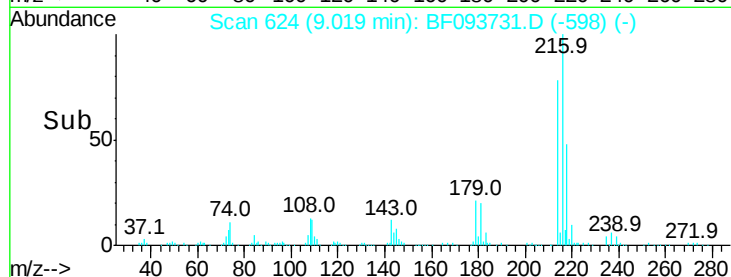
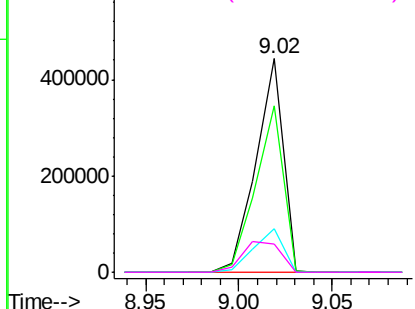


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

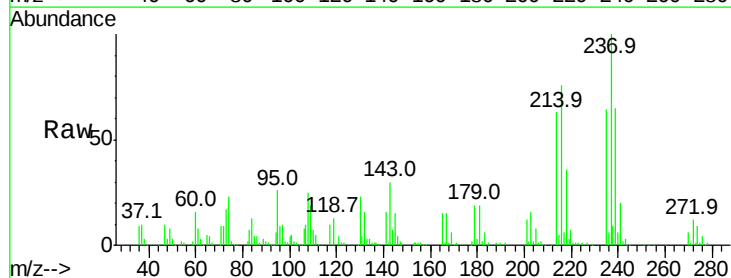
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 38.24 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

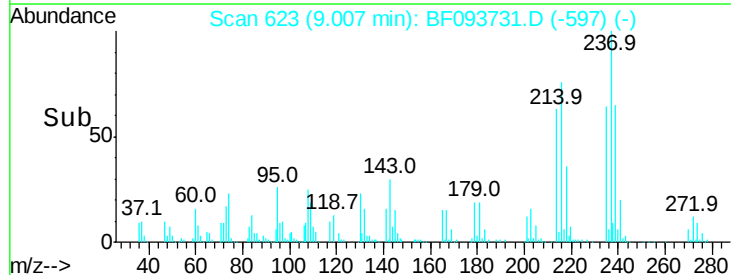
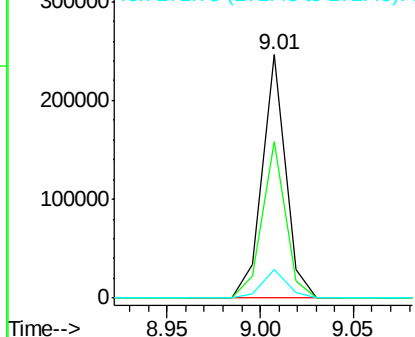
Tgt Ion:	237	Resp:	212339
Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.6	82.6
272	11.6	0.0	31.9

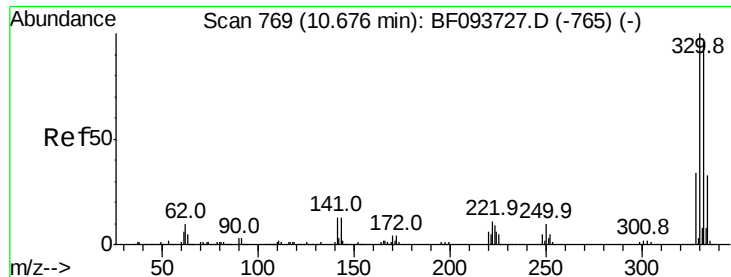


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

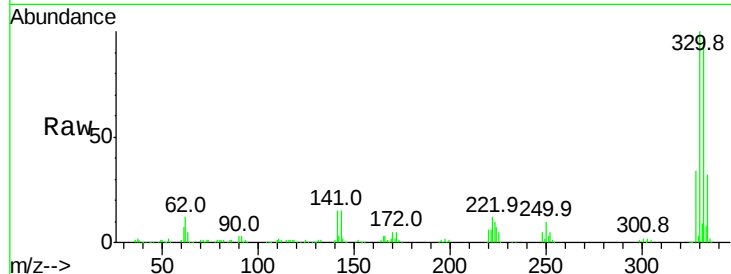




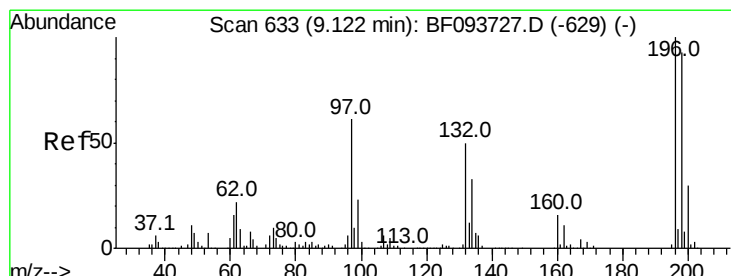
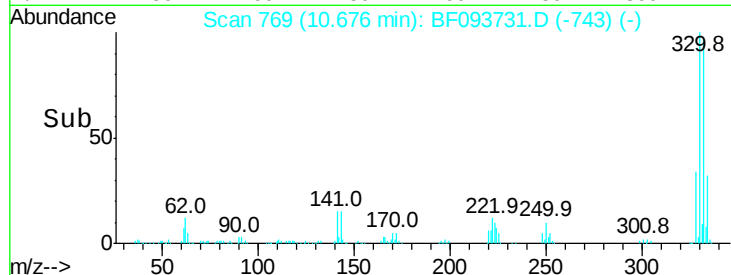
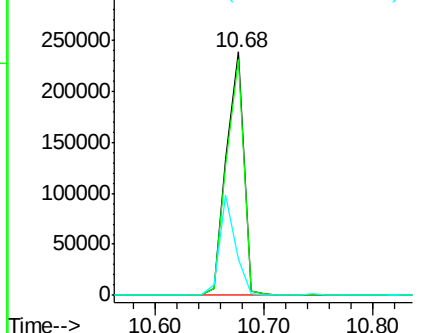
#41
 2,4,6-Tribromophenol
 Concen: 85.38 ng
 RT: 10.68 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	38.3	31.4	47.2

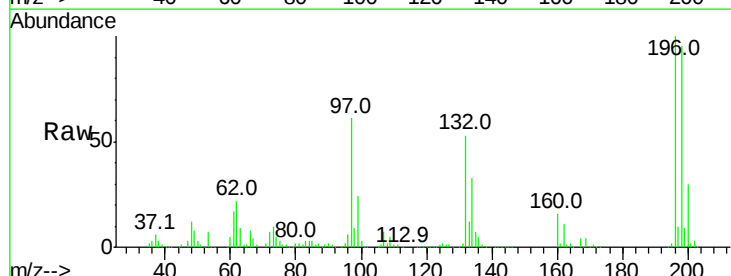


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

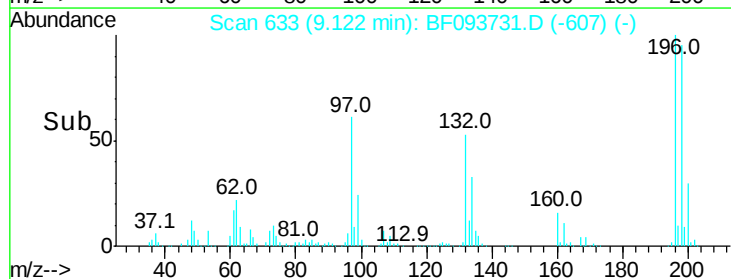
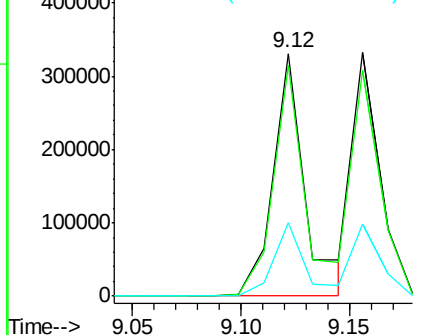


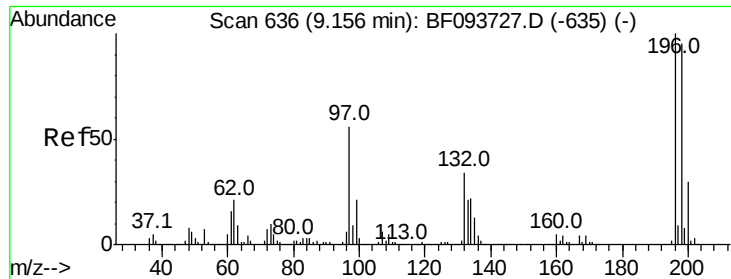
#42
 2,4,6-Trichlorophenol
 Concen: 41.67 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.2	111.4
200	30.3	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

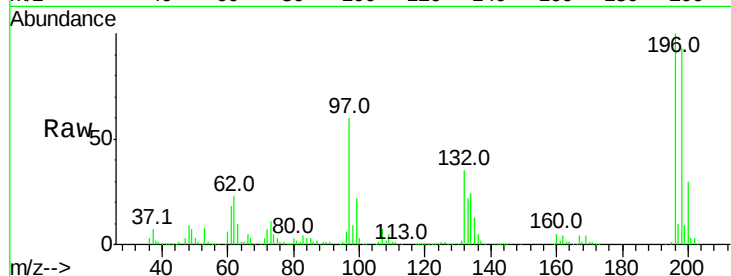




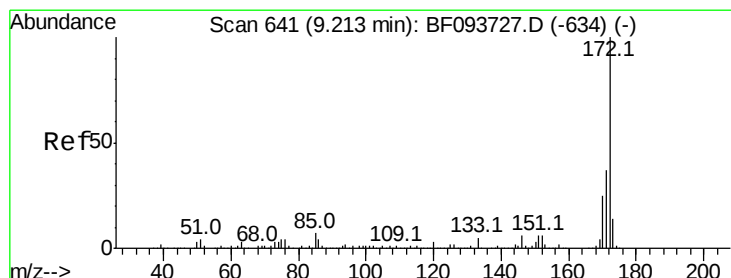
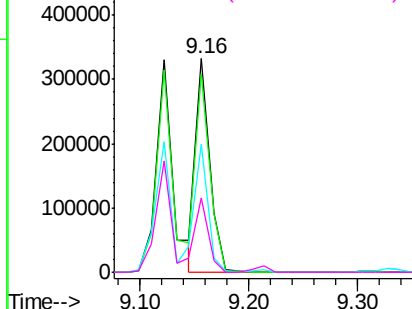
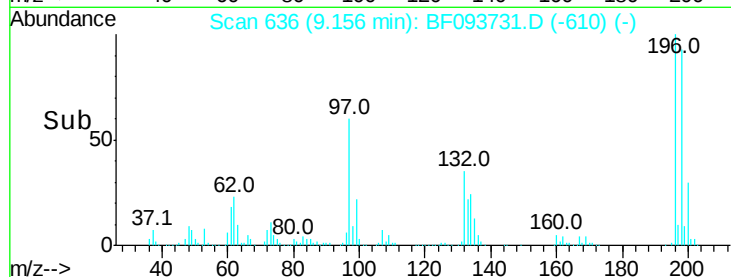
#43
 2,4,5-Trichlorophenol
 Concen: 35.09 ng
 RT: 9.16 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

Tot Ion:196 Resp: 296521
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 97 59.8 47.7 71.5
 132 35.0 28.0 42.0

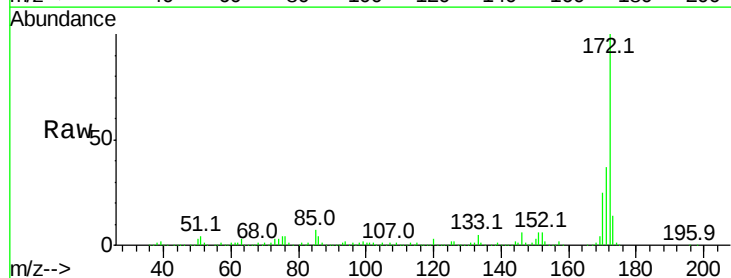


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

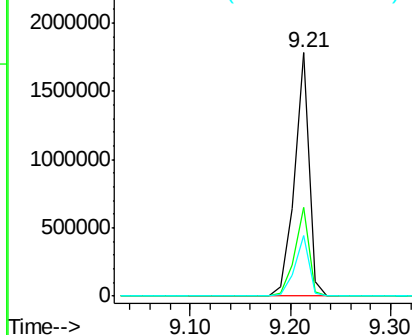
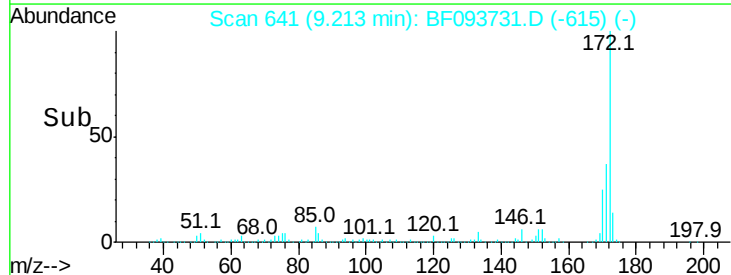


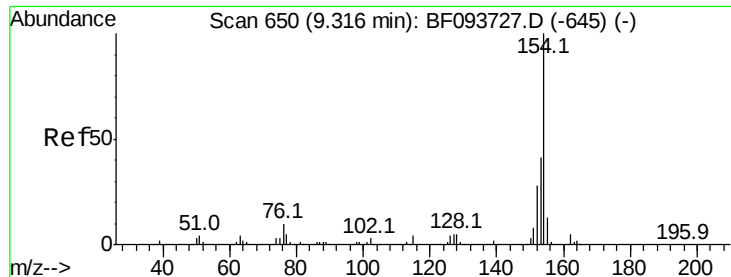
#44
 2-Fluorobiphenyl
 Concen: 70.58 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Tgt Ion:172 Resp: 1775483
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.8 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: 39.72 ng

RT: 9.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

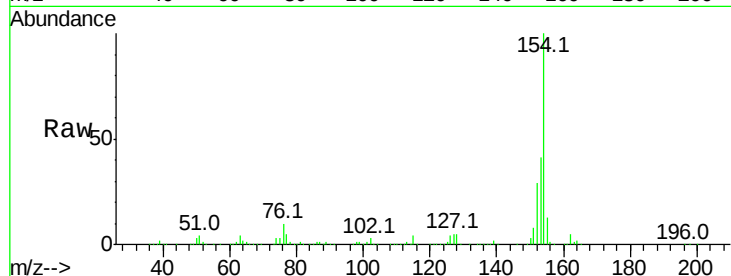
Tot Ion:154 Resp: 1322051

Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

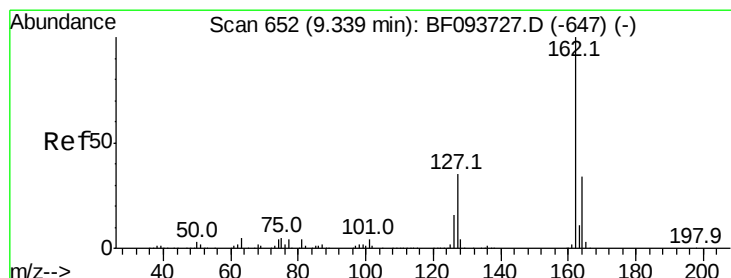
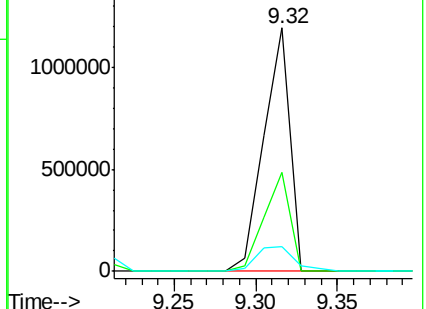
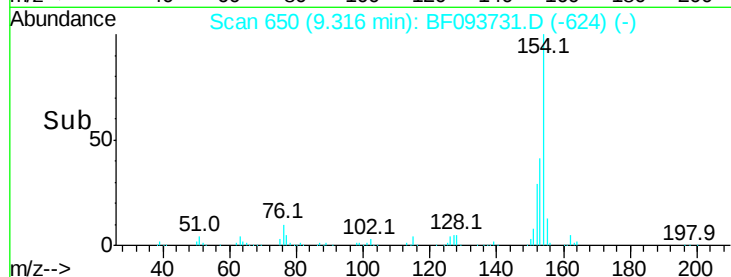
76 9.9 0.0 29.9



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: 38.08 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

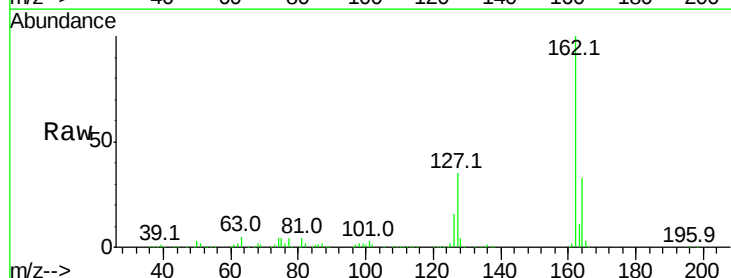
Tgt Ion:162 Resp: 1016955

Ion Ratio Lower Upper

162 100

127 34.6 28.3 42.5

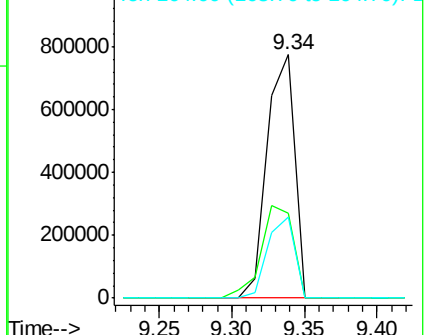
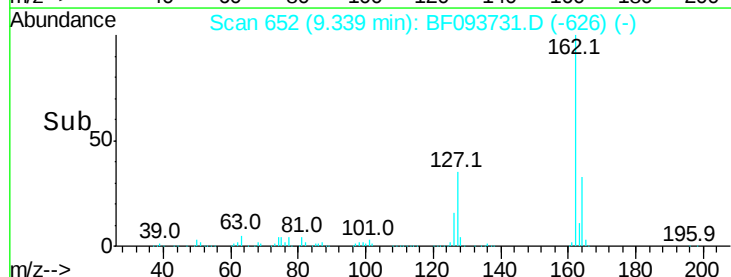
164 33.4 27.0 40.4

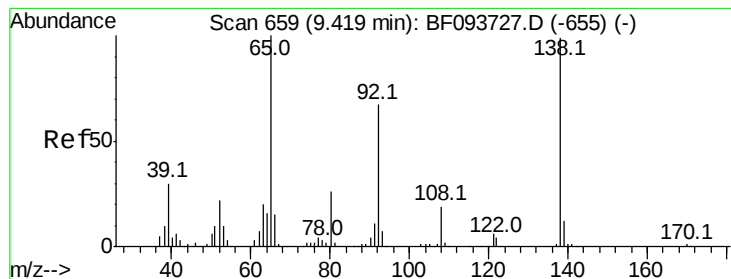


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.17 ng

RT: 9.42 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

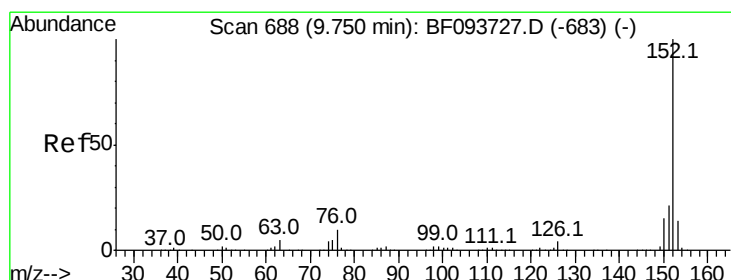
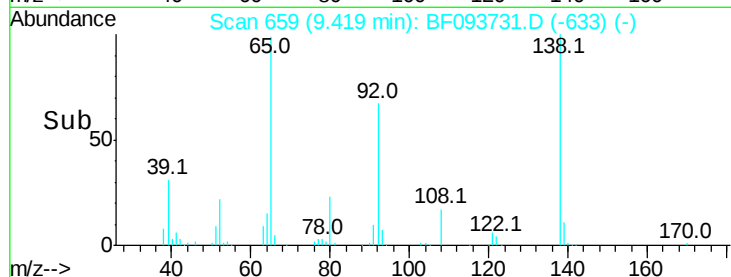
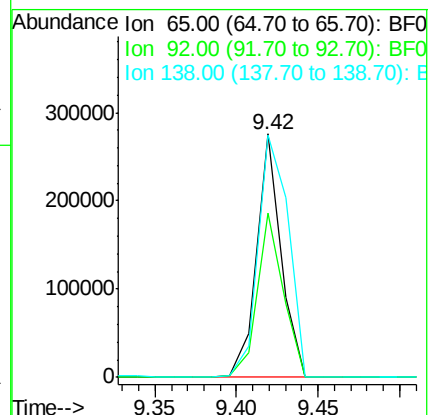
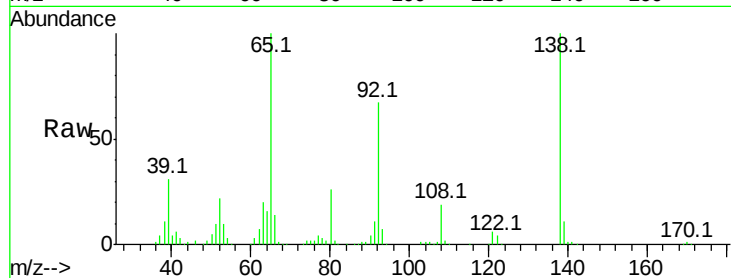
Tot Ion: 65 Resp: 287208

Ion Ratio Lower Upper

65 100

92 67.3 53.9 80.9

138 99.8 78.8 118.2



#48

Acenaphthylene

Concen: 40.03 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

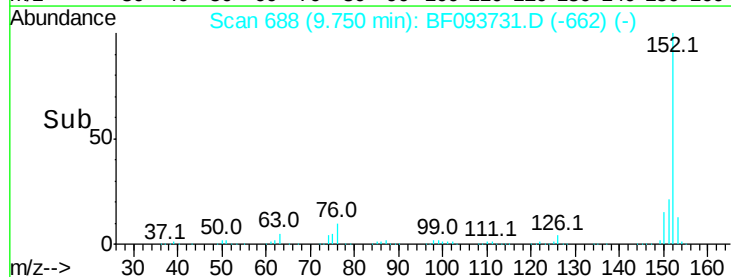
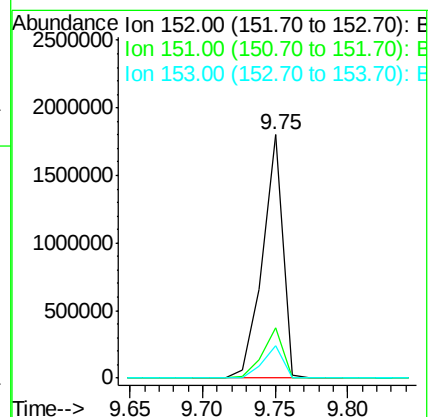
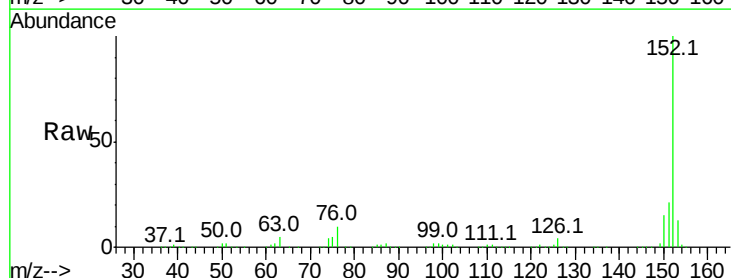
Tgt Ion:152 Resp: 1743361

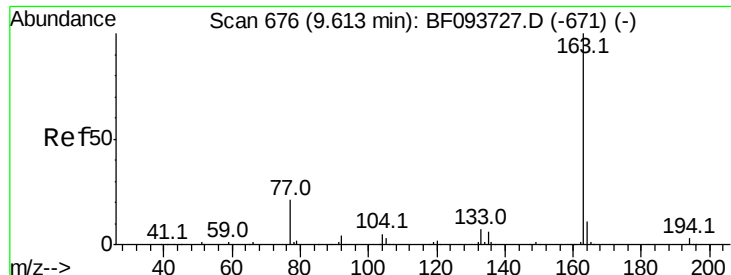
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.4 10.8 16.2

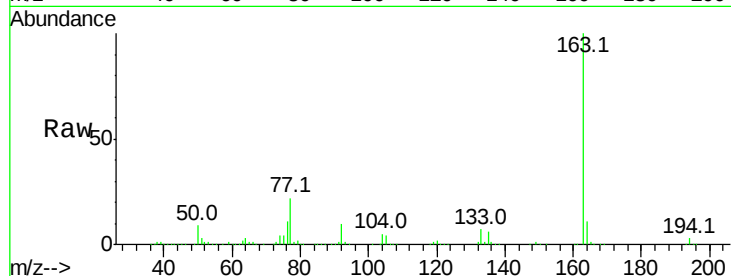




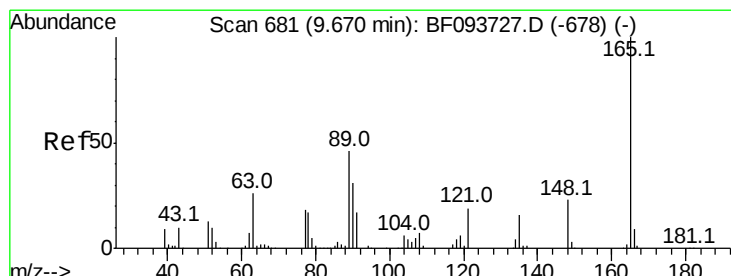
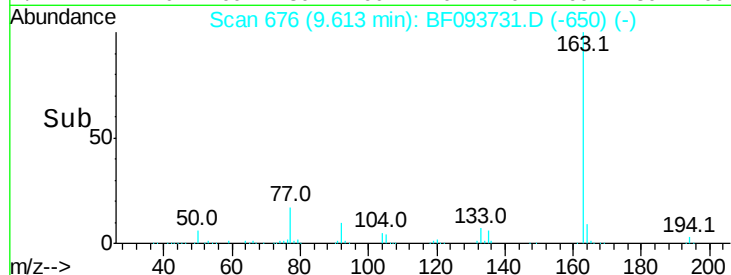
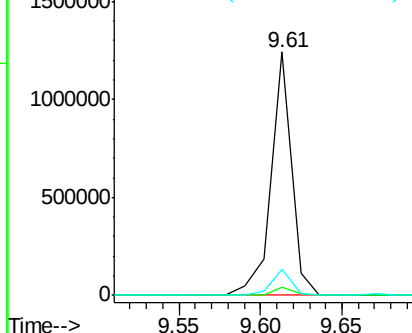
#49
Dimethylphthalate
Concen: 35.19 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

Instrument :
BNA_F
ClientSampleId :
ICVBF031817

Tot Ion:163 Resp: 1091218
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.4 12.6

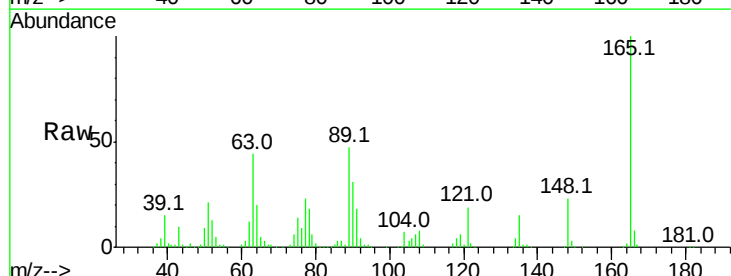


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

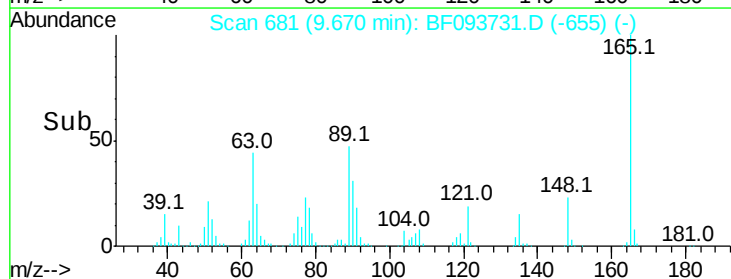
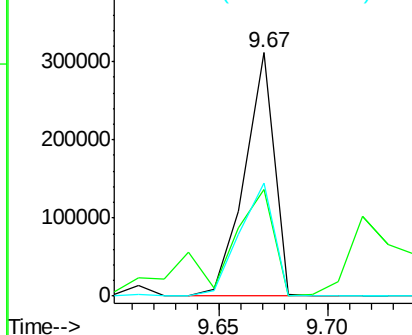


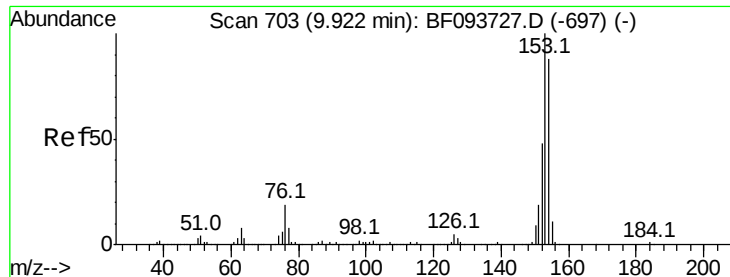
#50
2,6-Dinitrotoluene
Concen: 44.36 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

Tgt Ion:165 Resp: 297099
Ion Ratio Lower Upper
165 100
63 44.0 34.3 51.5
89 46.7 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: 39.15 ng

RT: 9.92 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

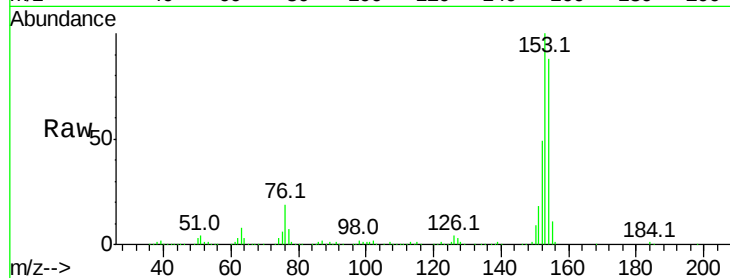
Tot Ion:154 Resp: 1004832

Ion Ratio Lower Upper

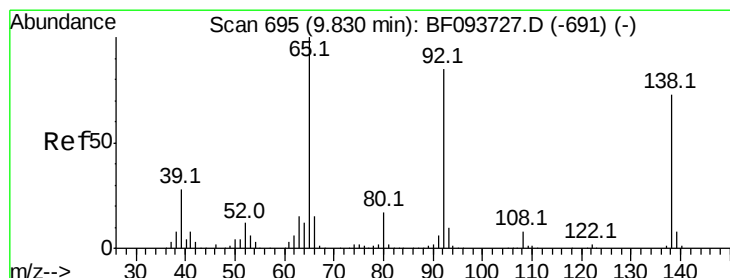
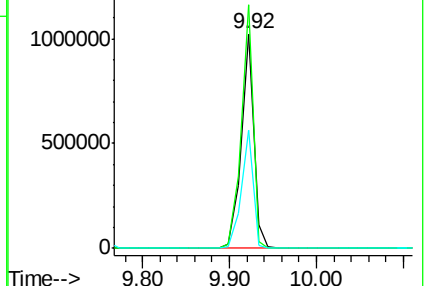
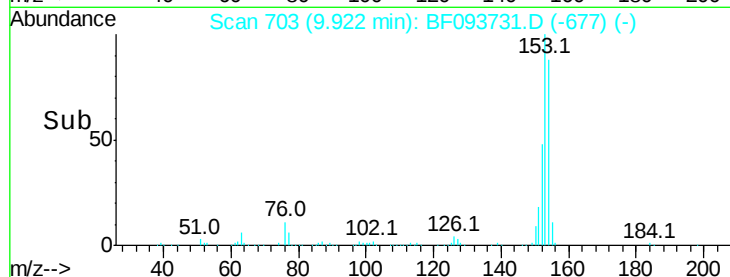
154 100

153 113.6 90.5 135.7

152 55.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.98 ng

RT: 9.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

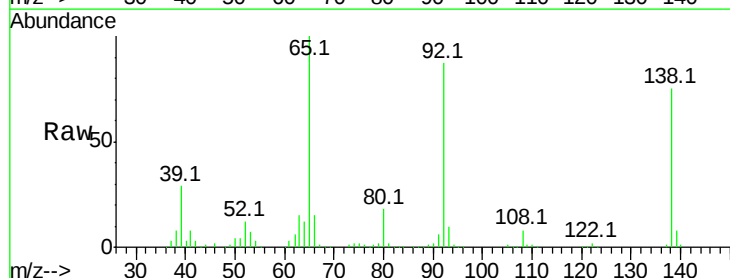
Tgt Ion:138 Resp: 285884

Ion Ratio Lower Upper

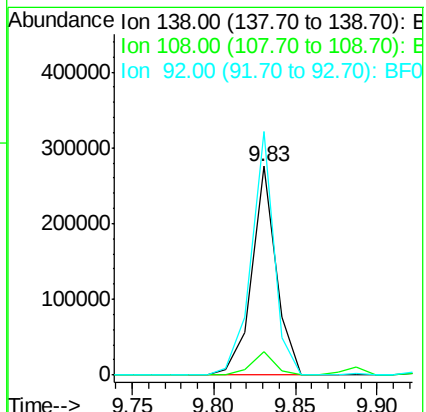
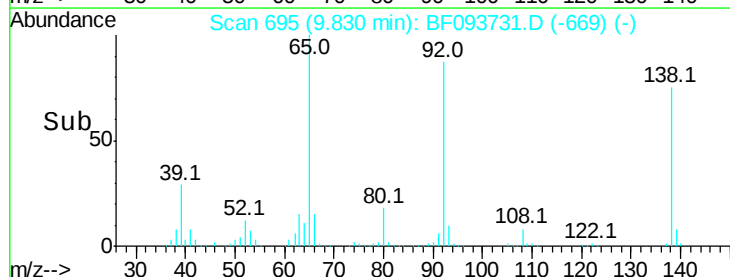
138 100

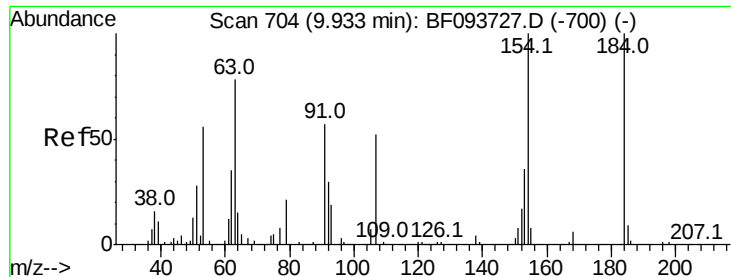
108 11.0 9.1 13.7

92 116.7 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

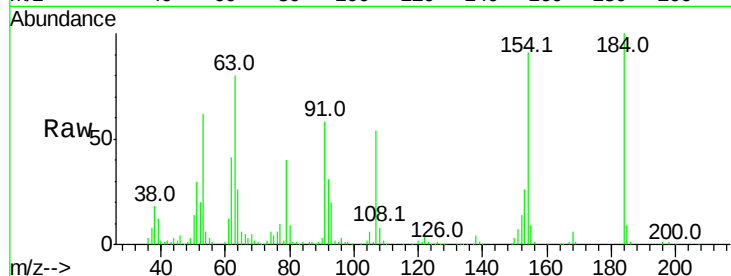




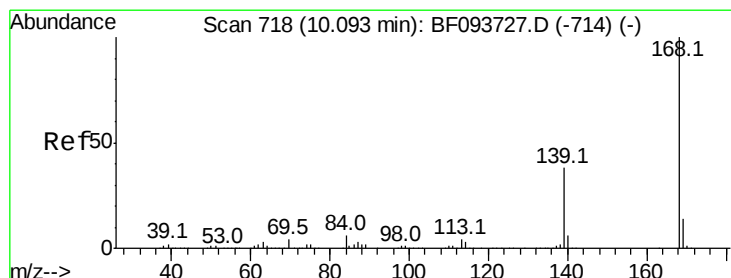
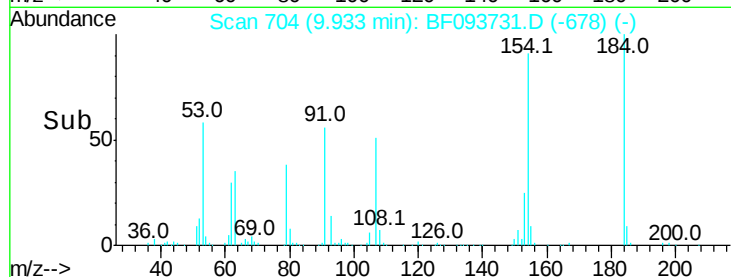
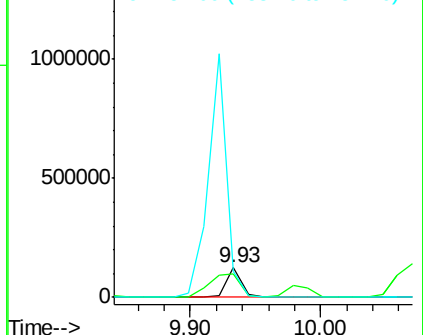
#53
2,4-Dinitrophenol
Concen: 42.80 ng
RT: 9.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

Instrument :
BNA_F
ClientSampleId :
ICVBF031817

Tot Ion:184 Resp: 99663
Ion Ratio Lower Upper
184 100
63 80.4 62.7 94.1
154 90.8 81.1 121.7

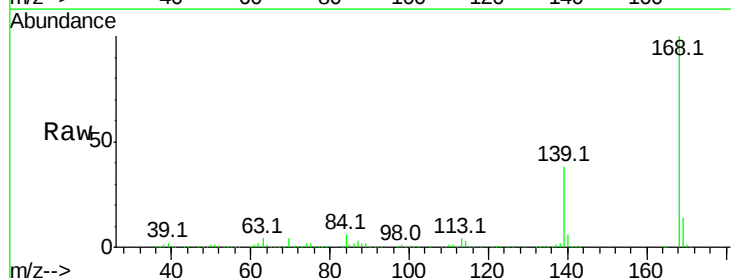


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

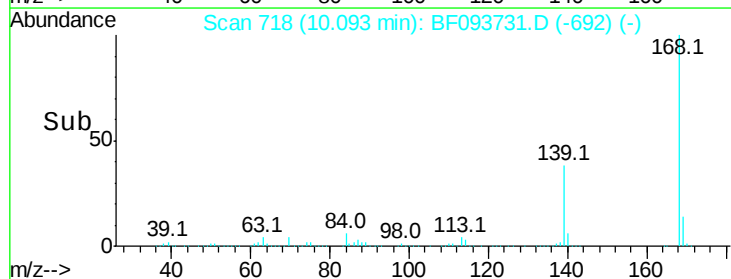
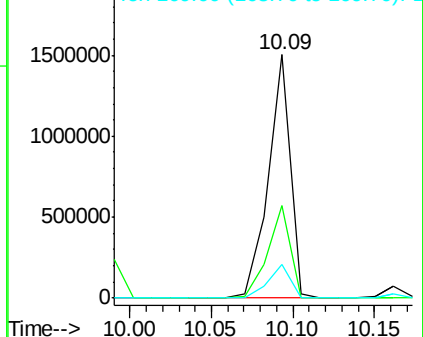


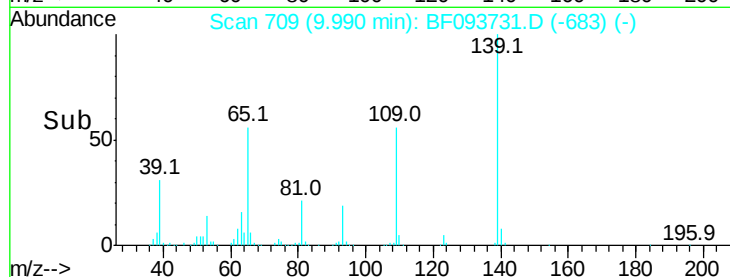
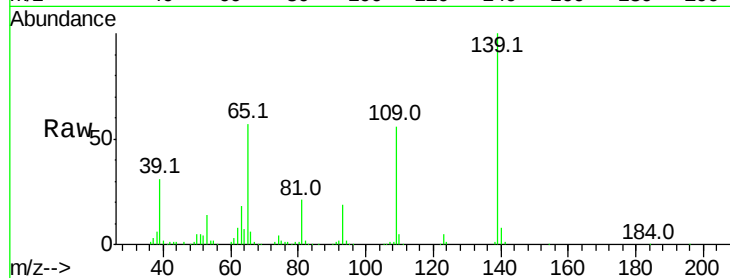
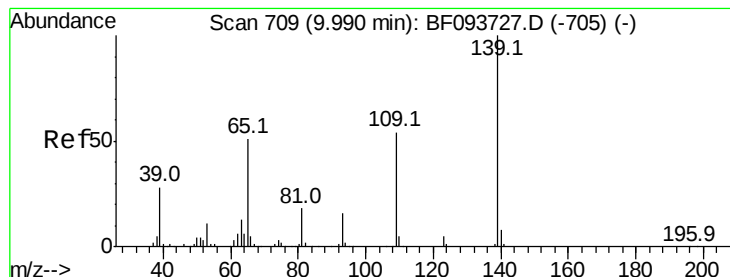
#54
Dibenzofuran
Concen: 40.34 ng
RT: 10.09 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

Tgt Ion:168 Resp: 1407760
Ion Ratio Lower Upper
168 100
139 38.2 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: 47.07 ng

RT: 9.99 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

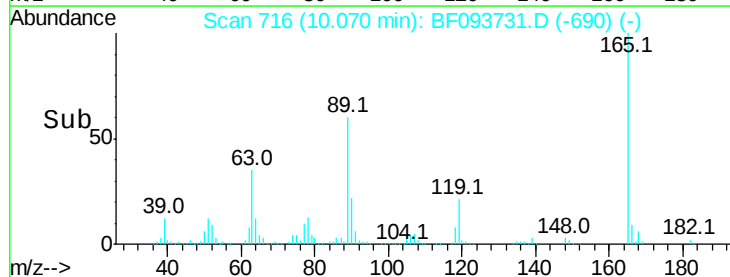
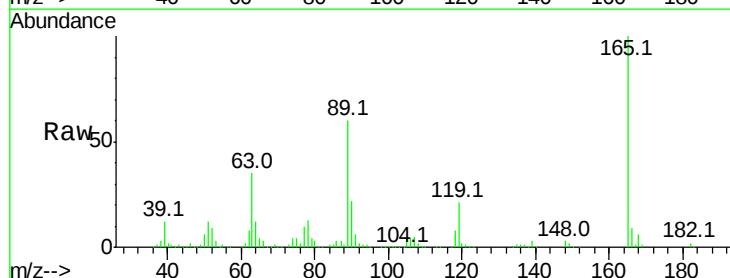
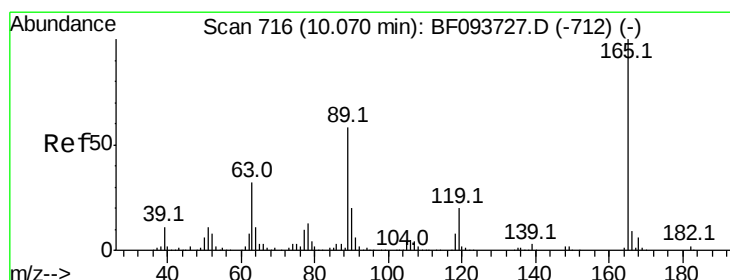
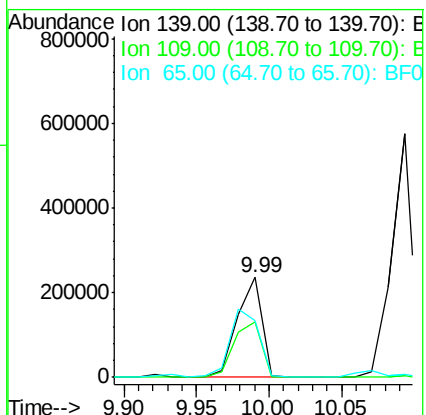
Tot Ion:139 Resp: 282193

Ion Ratio Lower Upper

139 100

109 55.8 34.1 74.1

65 56.5 31.4 71.4



#56

2,4-Dinitrotoluene

Concen: 44.49 ng

RT: 10.07 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Tgt Ion:165 Resp: 396648

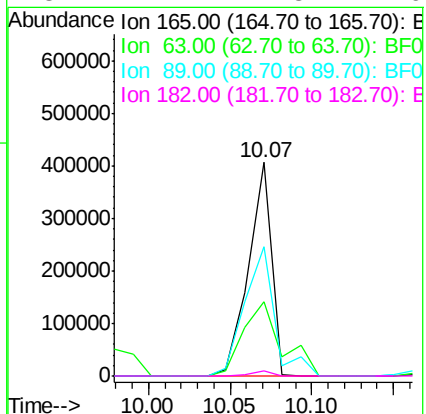
Ion Ratio Lower Upper

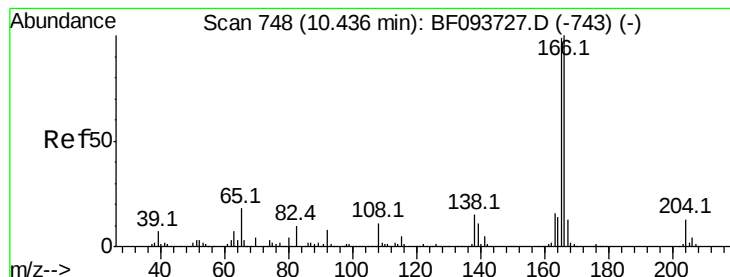
165 100

63 34.9 25.4 38.0

89 60.4 46.4 69.6

182 2.2 1.8 2.6





#57

Fluorene

Concen: 37.46 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

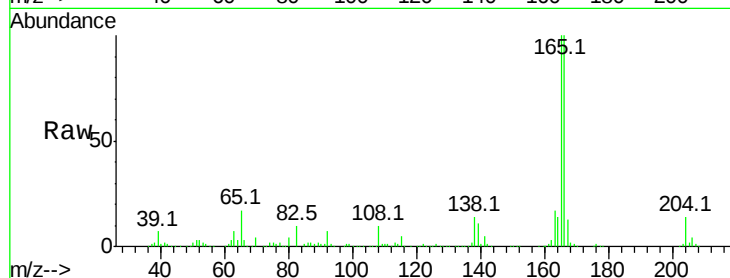
Tot Ion:166 Resp: 1060385

Ion Ratio Lower Upper

166 100

165 99.8 78.8 118.2

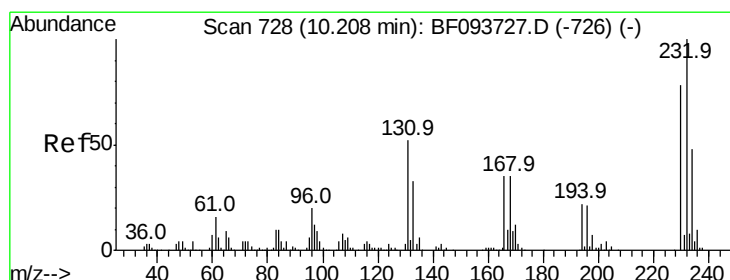
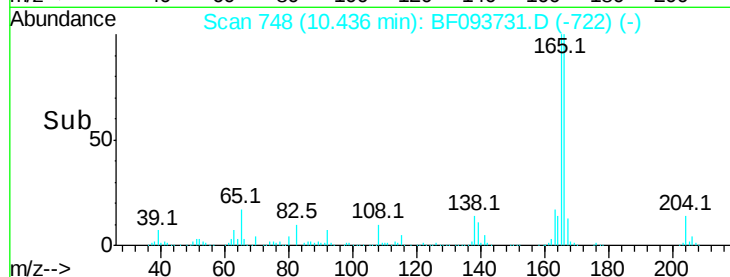
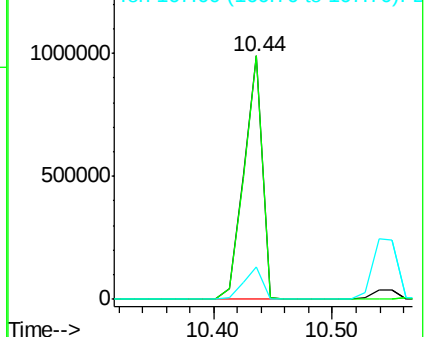
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.57 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Tgt Ion:232 Resp: 241601

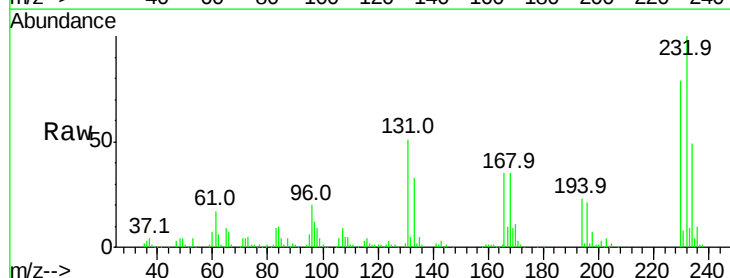
Ion Ratio Lower Upper

232 100

131 57.2 44.8 67.2

130 2.6 2.3 3.5

166 37.1 29.0 43.4

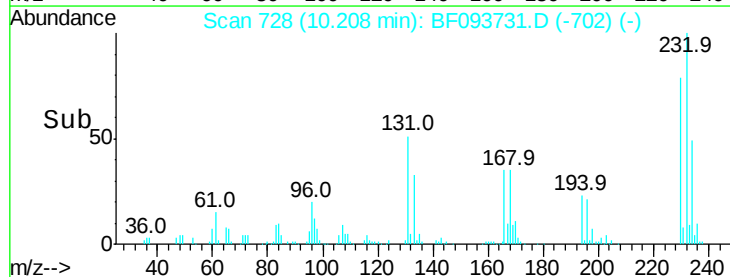
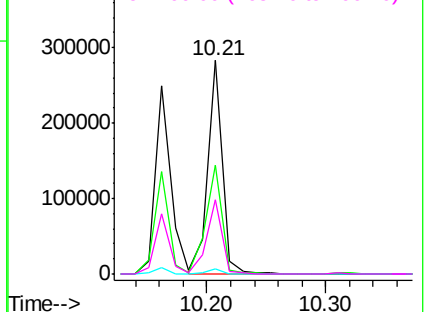


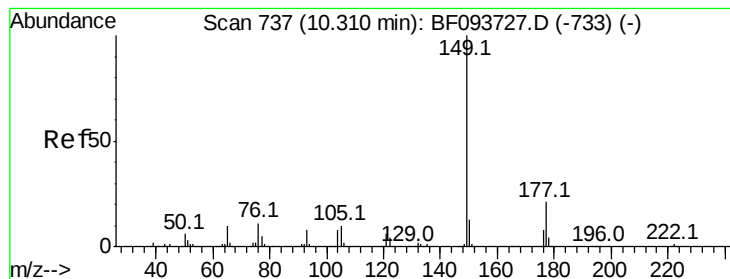
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.56 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

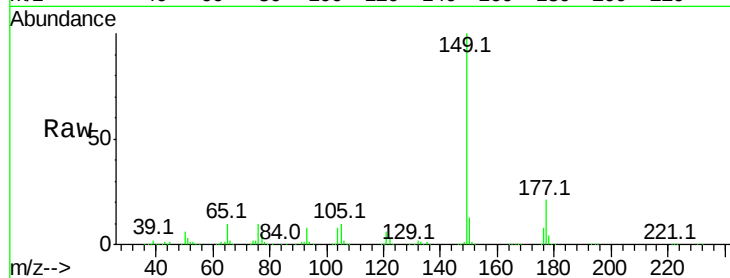
Tot Ion:149 Resp: 1108698

Ion Ratio Lower Upper

149 100

177 20.8 16.7 25.1

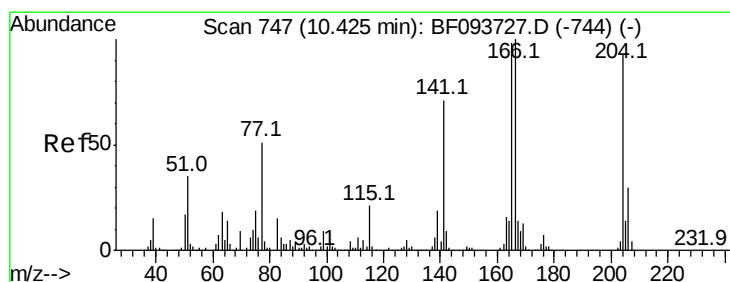
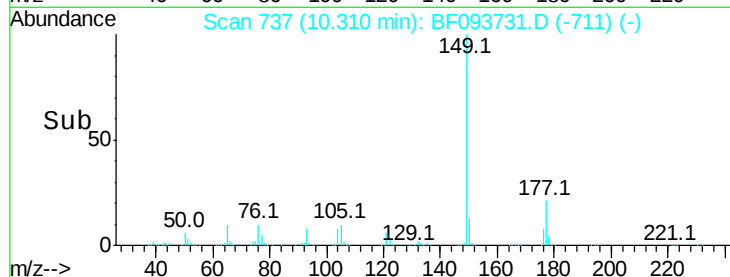
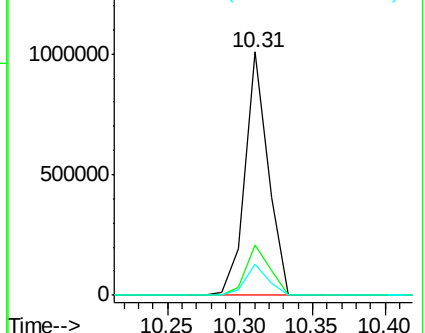
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.51 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

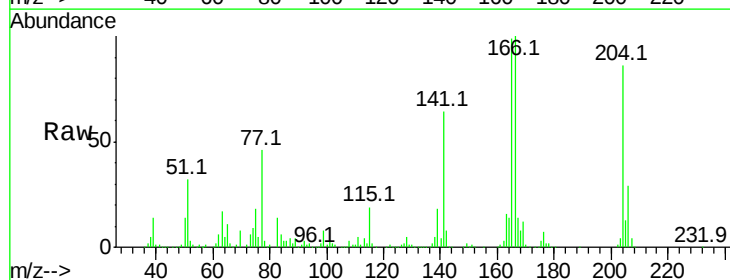
Tgt Ion:204 Resp: 411519

Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.2

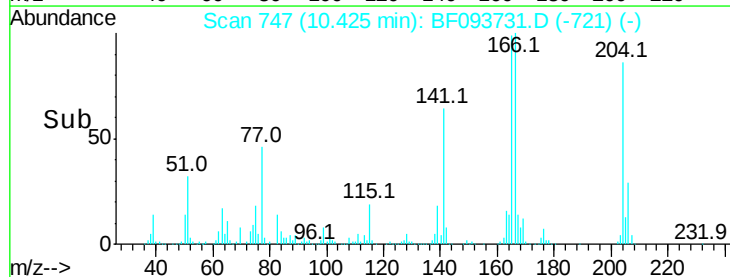
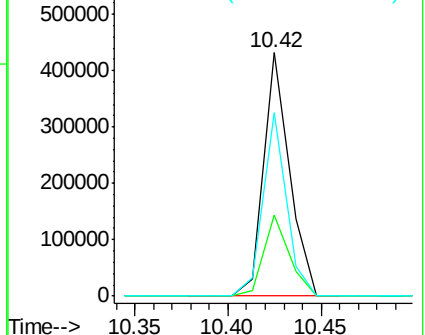
141 75.2 60.8 91.2

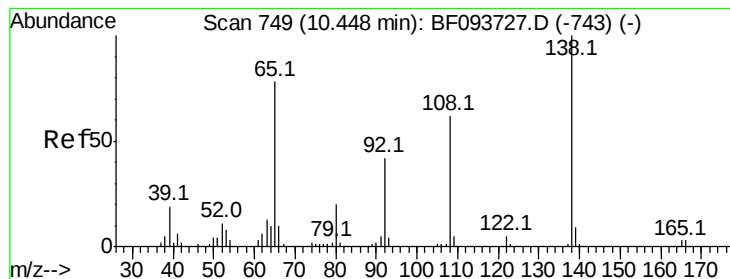


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

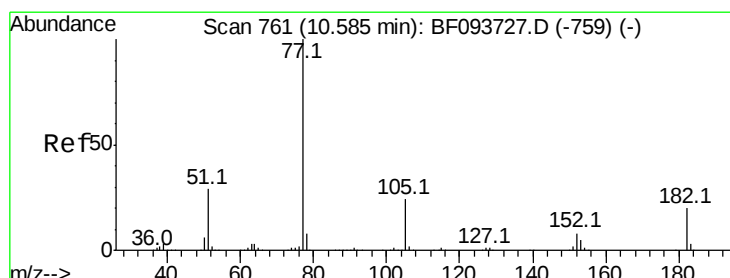
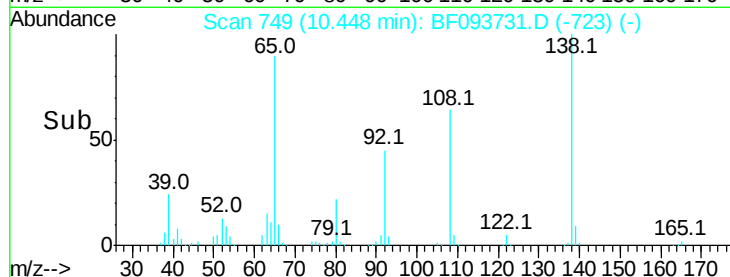
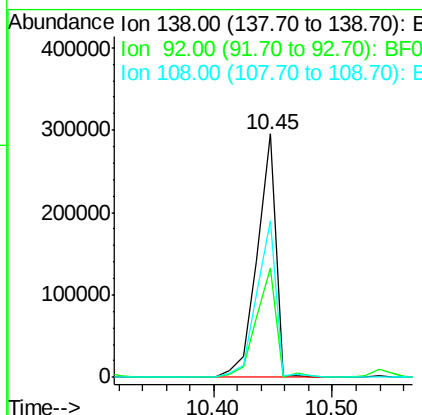
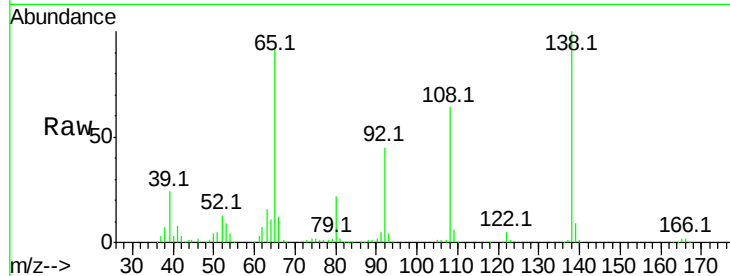




#61
 4-Nitroaniline
 Concen: 44.09 ng
 RT: 10.45 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

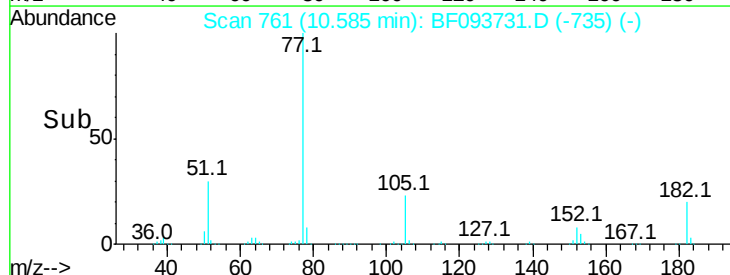
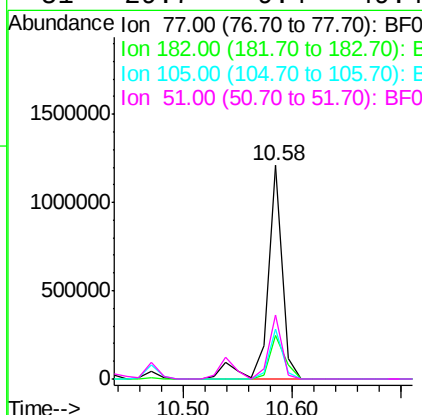
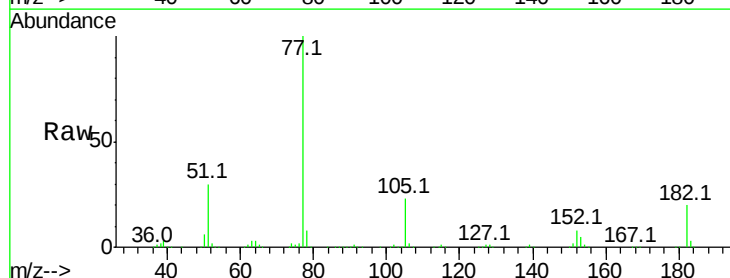
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

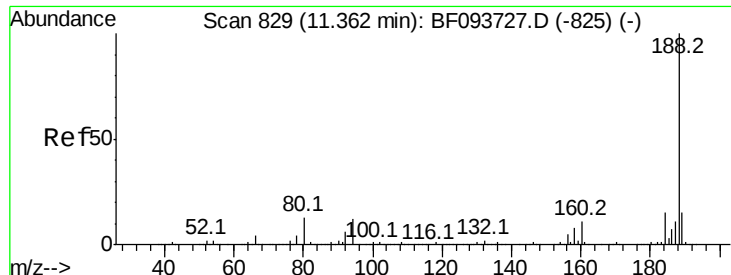
Tot Ion	Ratio	Lower	Upper
138	100		
92	44.6	21.8	61.8
108	64.5	42.3	82.3



#62
 Azobenzene
 Concen: 38.39 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.1	0.1	40.1
105	23.2	3.6	43.6
51	29.7	9.4	49.4

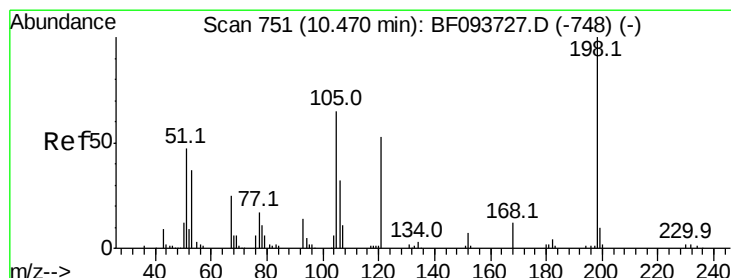
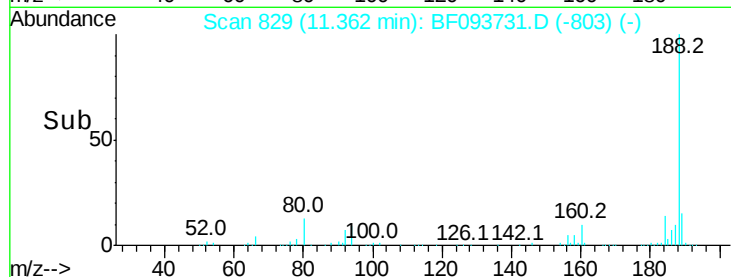
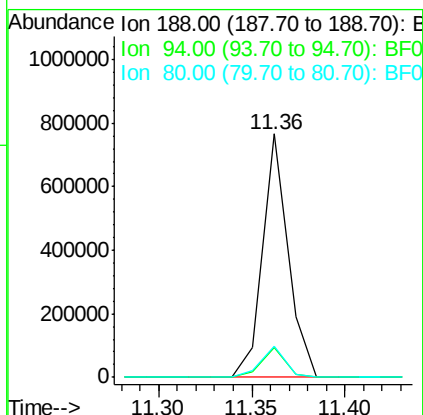
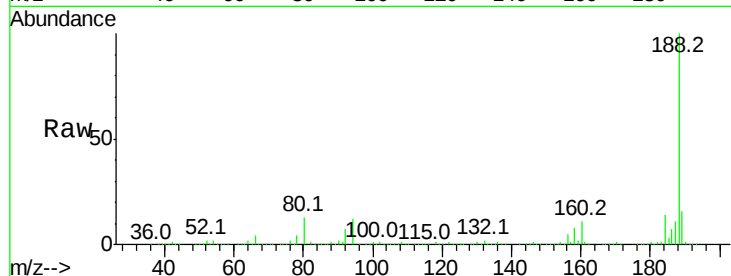




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

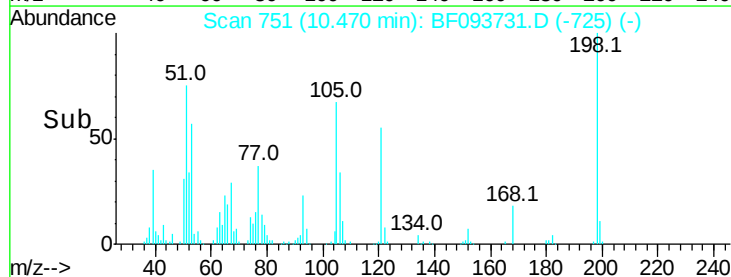
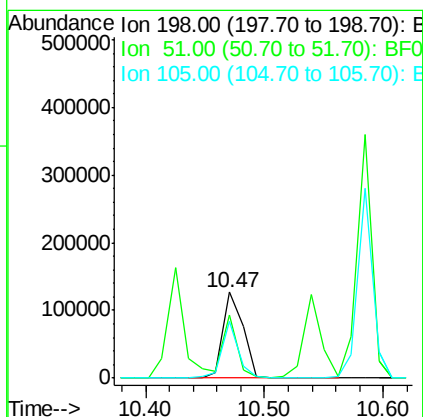
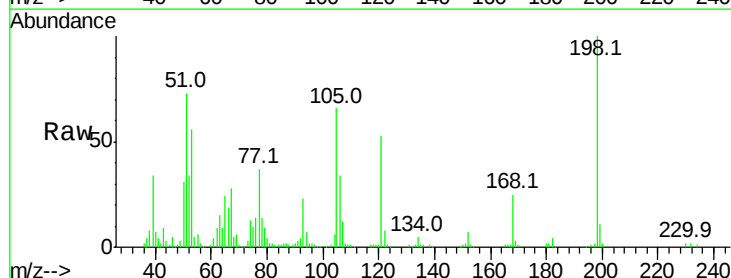
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

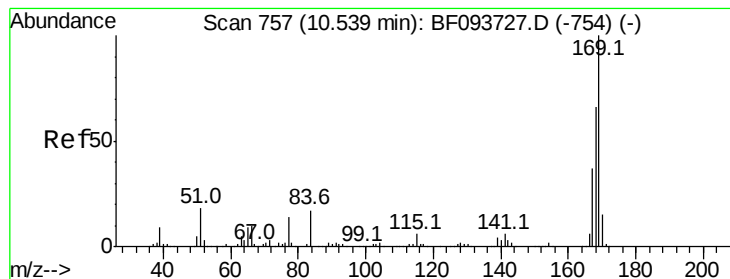
Tot Ion:188 Resp: 724151
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 12.9 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.13 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Tgt Ion:198 Resp: 148188
 Ion Ratio Lower Upper
 198 100
 51 73.4 53.2 93.2
 105 65.6 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 39.53 ng

RT: 10.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

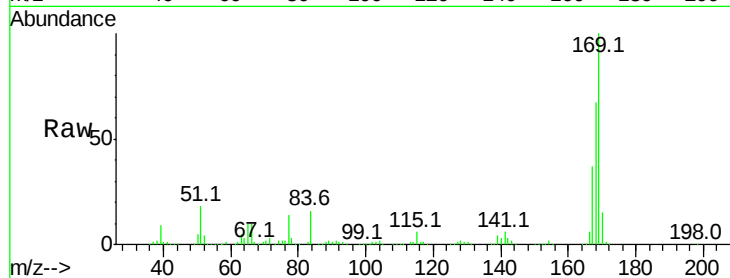
Tot Ion:169 Resp: 966378

Ion Ratio Lower Upper

169 100

168 66.8 53.2 79.8

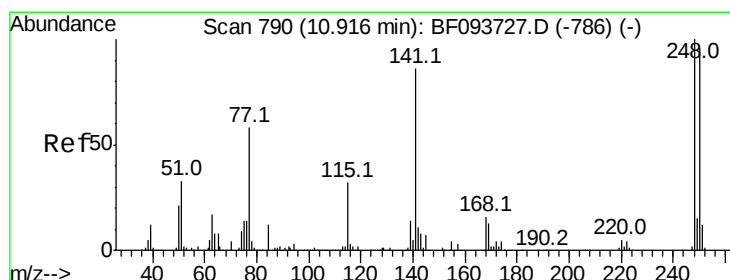
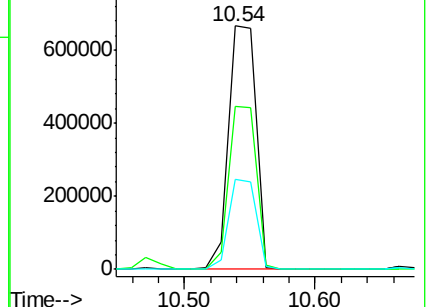
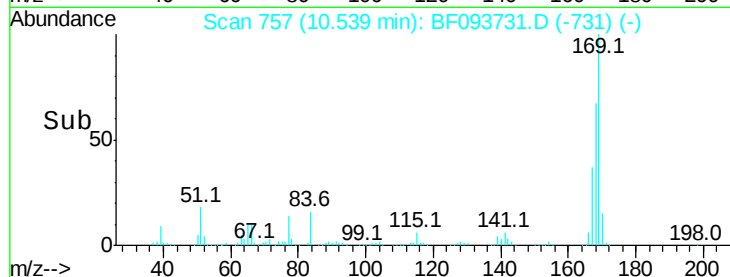
167 37.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.11 ng

RT: 10.92 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

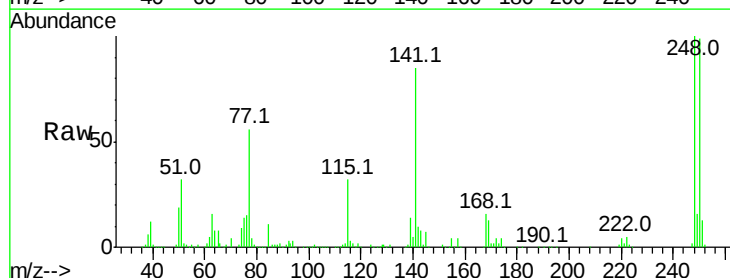
Tgt Ion:248 Resp: 274581

Ion Ratio Lower Upper

248 100

250 99.1 76.8 115.2

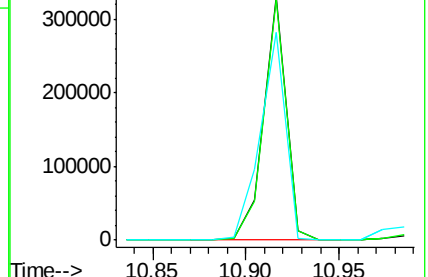
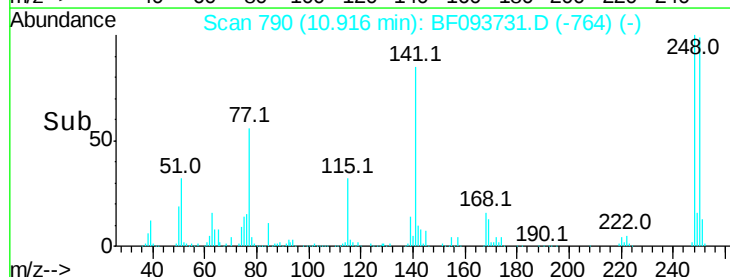
141 85.5 68.6 103.0

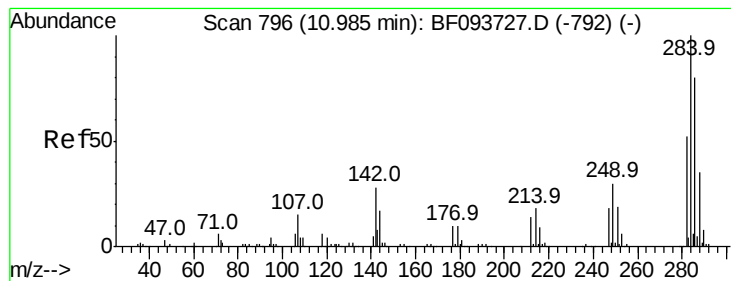


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.07 ng

RT: 10.98 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

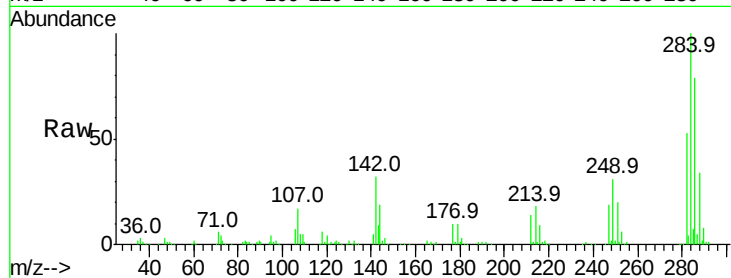
Tot Ion:284 Resp: 293833

Ion Ratio Lower Upper

284 100

142 31.6 22.8 34.2

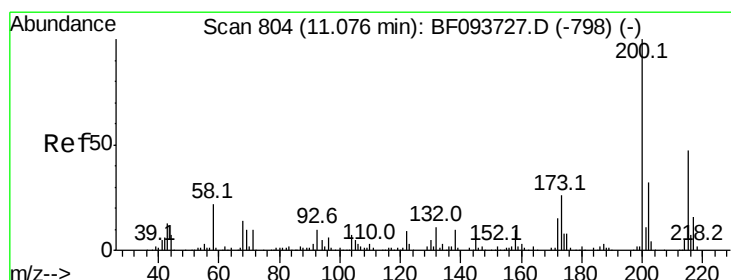
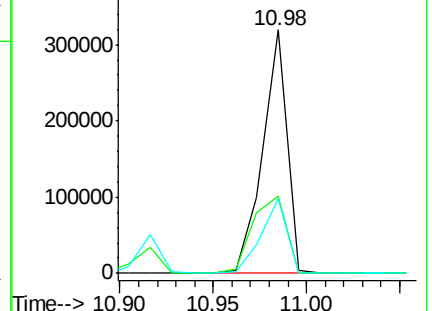
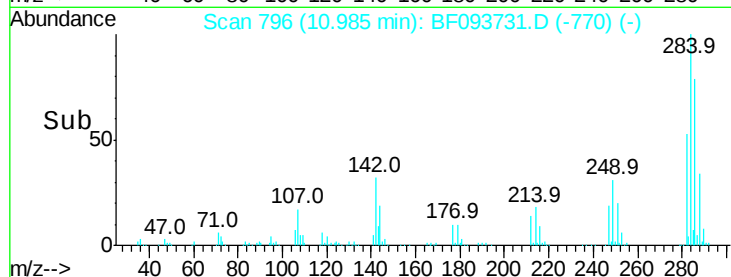
249 30.8 24.0 36.0



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: 44.56 ng

RT: 11.08 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

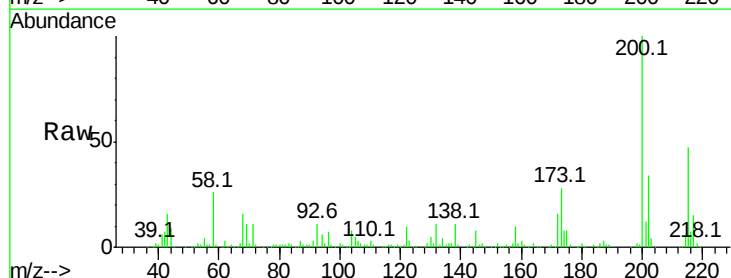
Tgt Ion:200 Resp: 313660

Ion Ratio Lower Upper

200 100

173 27.7 6.3 46.3

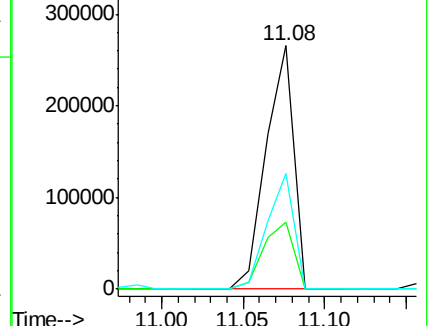
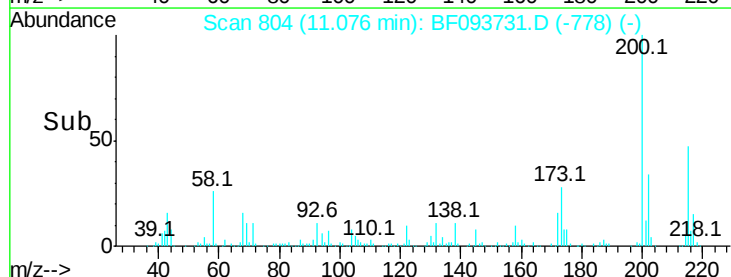
215 47.4 27.2 67.2

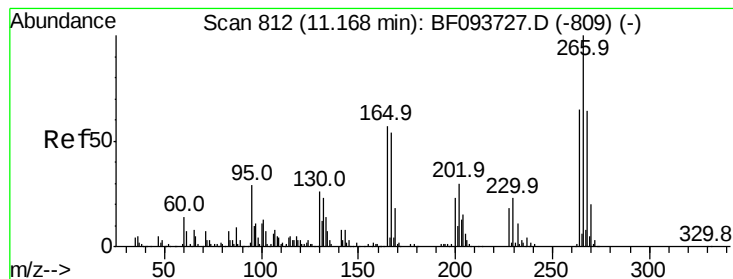


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 43.41 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

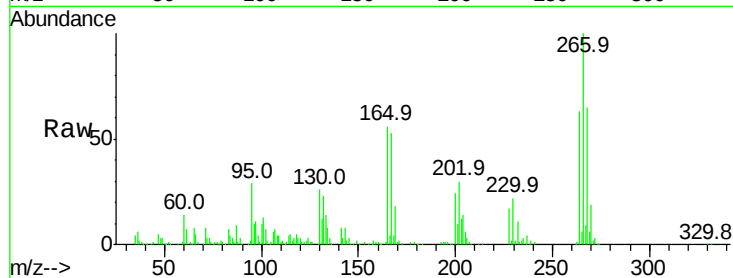
Tot Ion:266 Resp: 177964

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

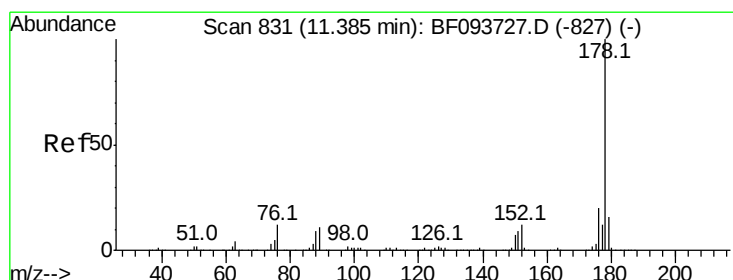
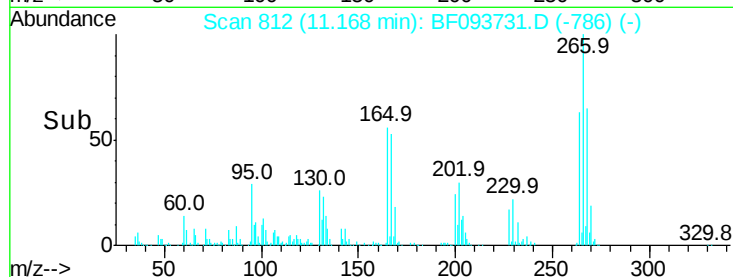
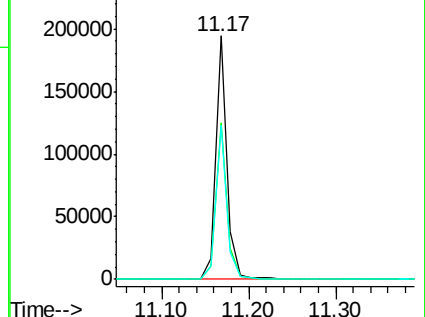
264 63.3 51.7 77.5



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: 36.25 ng

RT: 11.38 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

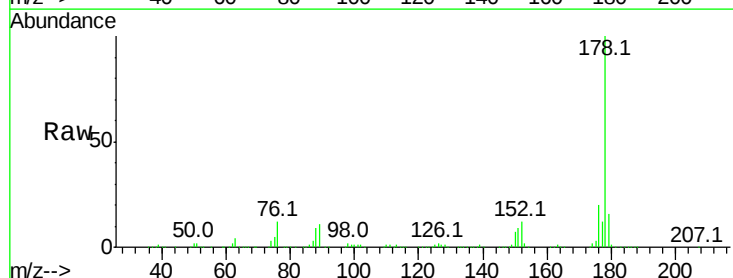
Tgt Ion:178 Resp: 1484209

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

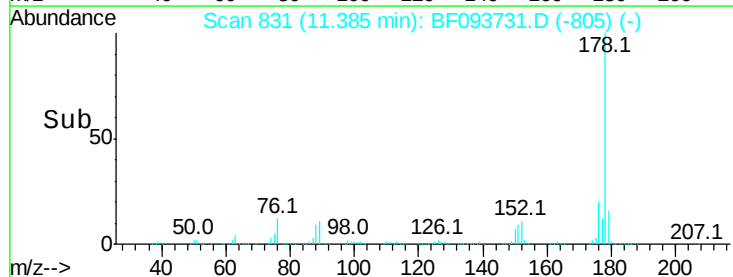
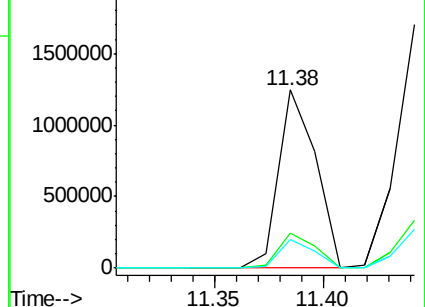
179 16.0 12.6 19.0

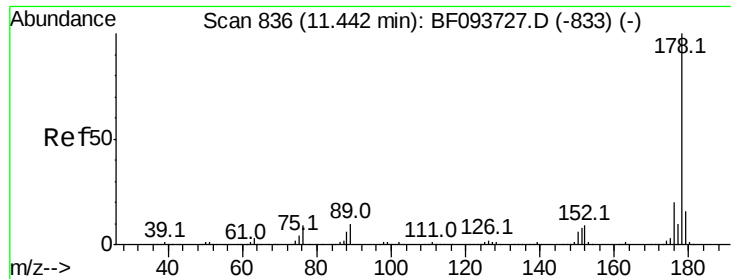


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

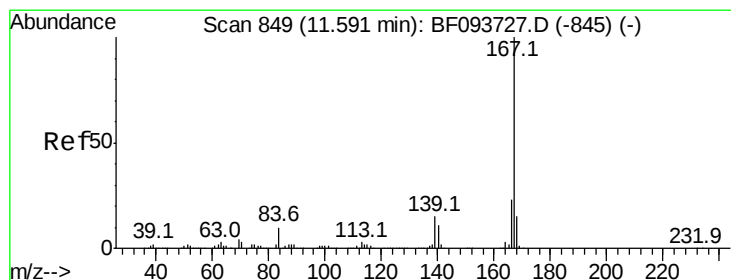
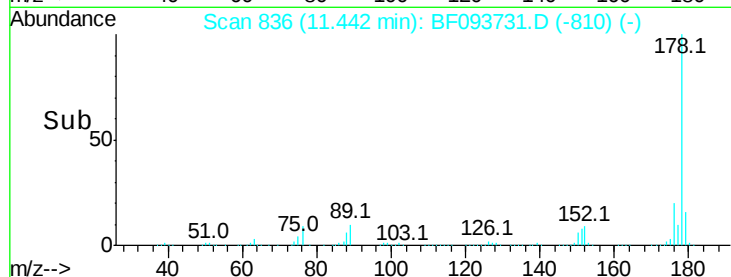
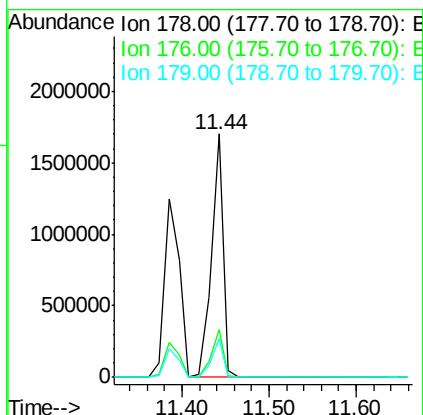
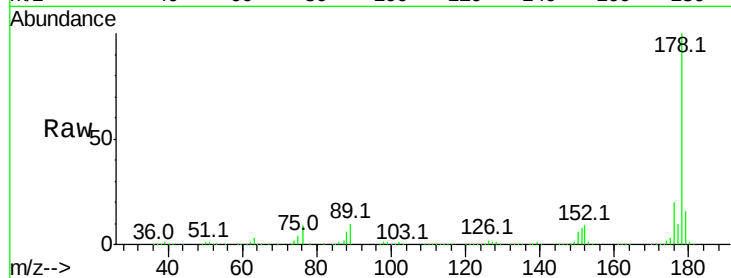




#71
 Anthracene
 Concen: 40.05 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

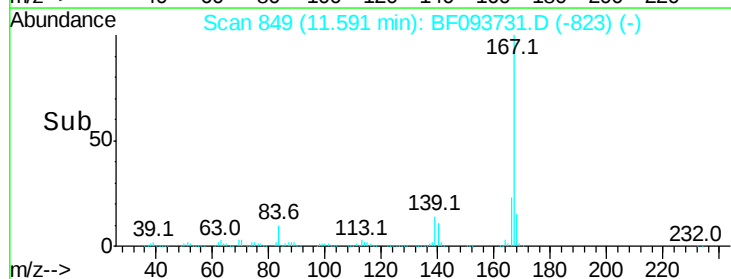
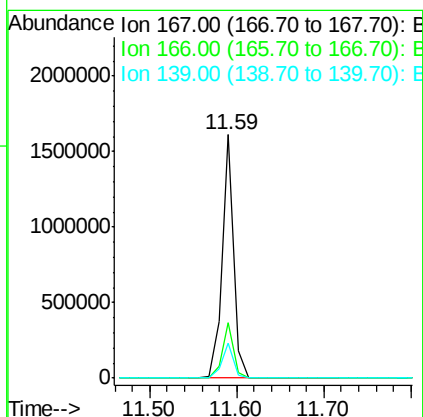
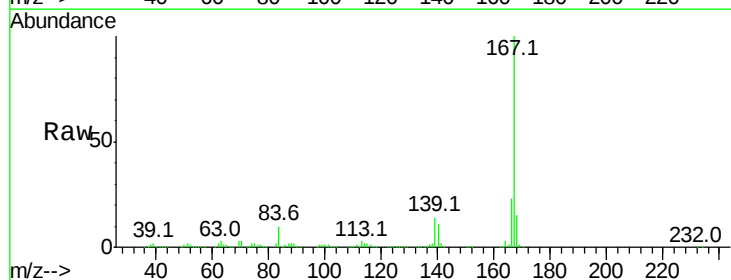
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

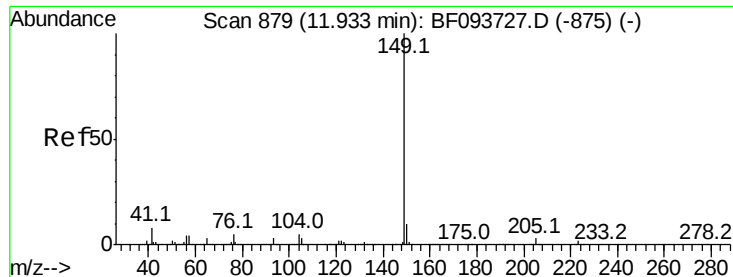
Tot Ion:178 Resp: 1604579
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 35.79 ng
 RT: 11.59 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Tgt Ion:167 Resp: 1500954
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 14.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.19 ng

RT: 11.93 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

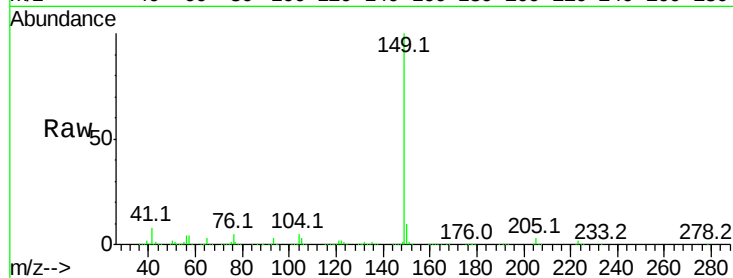
Tot Ion:149 Resp: 1637014

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

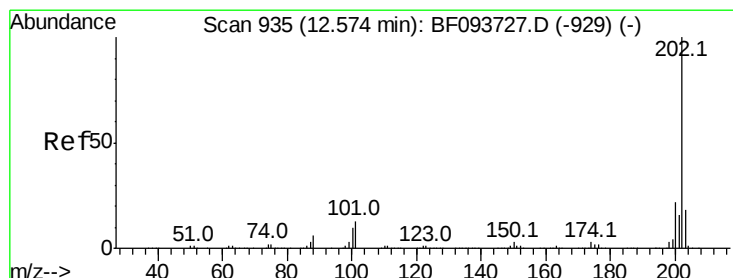
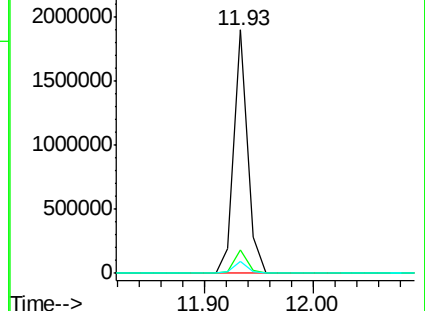
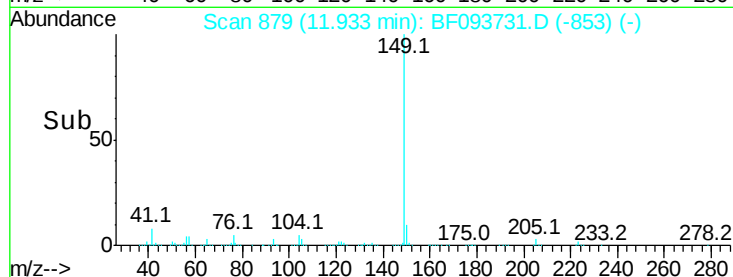
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.74 ng

RT: 12.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

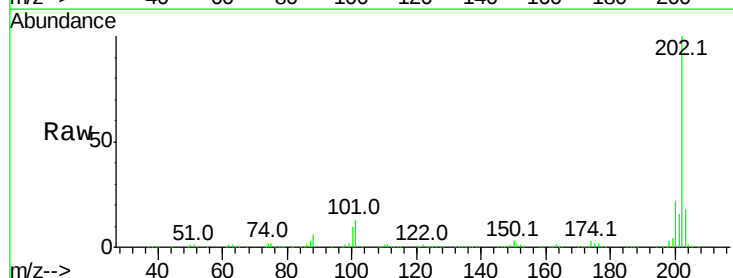
Tgt Ion:202 Resp: 1576587

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

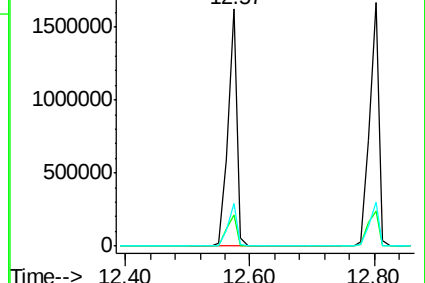
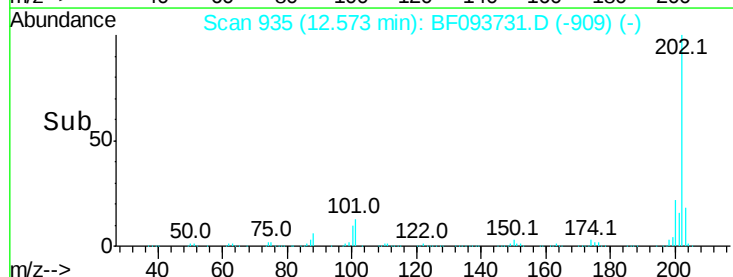
203 18.2 0.0 38.1

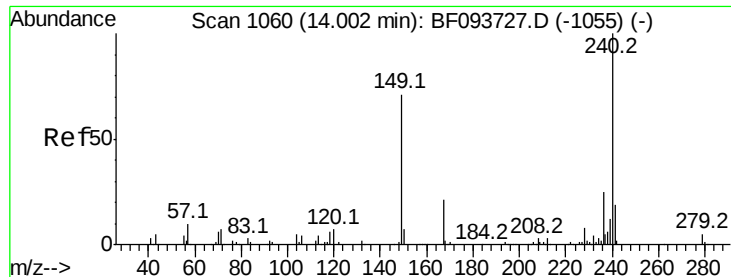


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

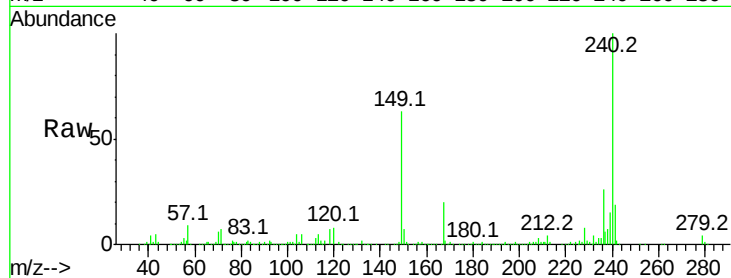
Tot Ion:240 Resp: 458156

Ion Ratio Lower Upper

240 100

120 8.0 5.8 8.8

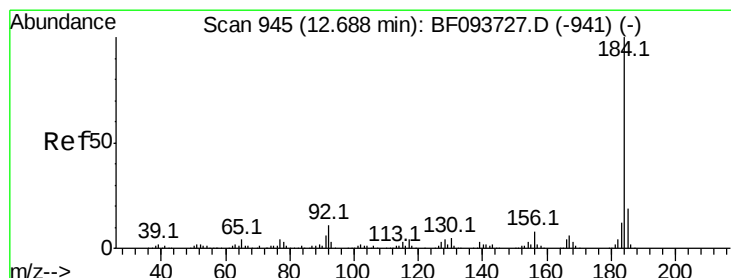
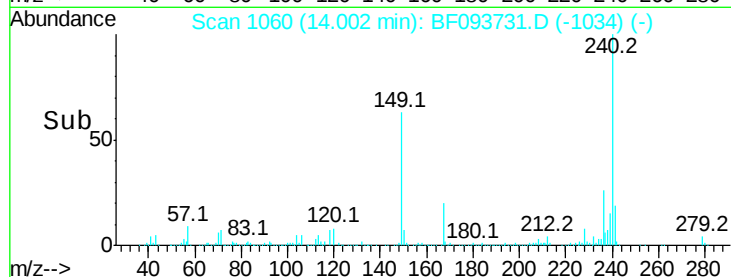
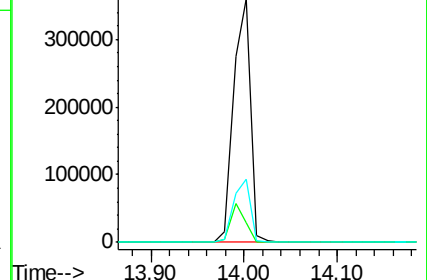
236 25.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.49 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

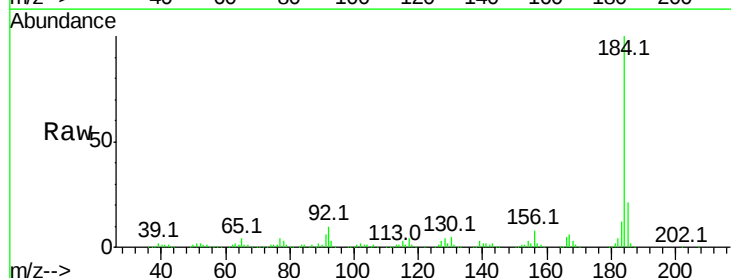
Tgt Ion:184 Resp: 688979

Ion Ratio Lower Upper

184 100

185 21.0 15.5 23.3

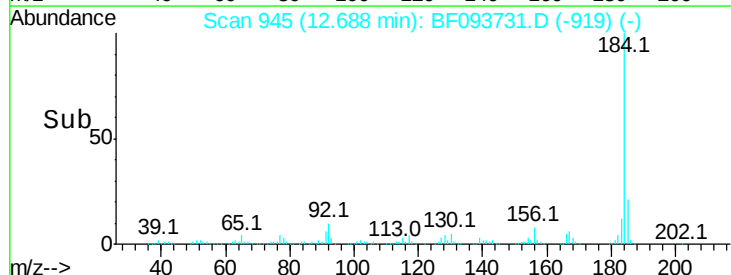
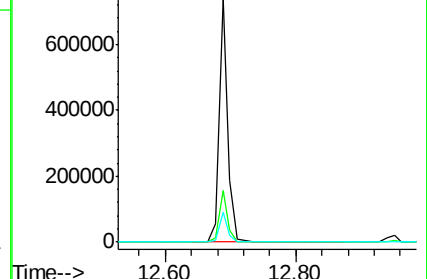
183 12.3 9.8 14.6

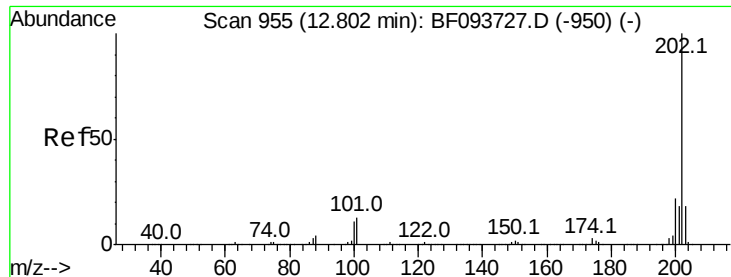


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.40 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

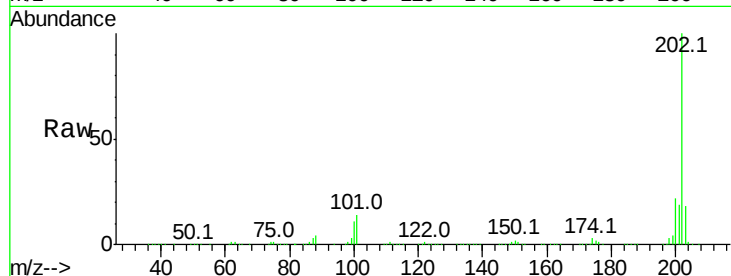
BNA_F

ClientSampleId :

ICVBF031817

Tot Ion:202 Resp: 1691003

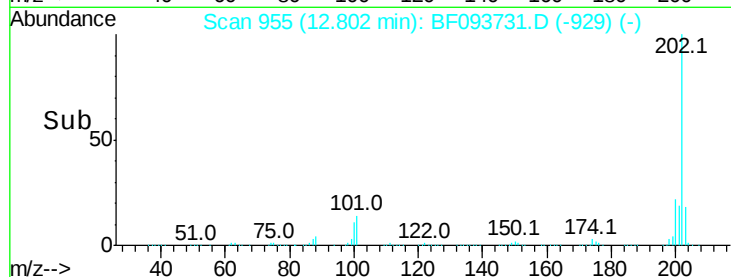
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.0	14.4	21.6



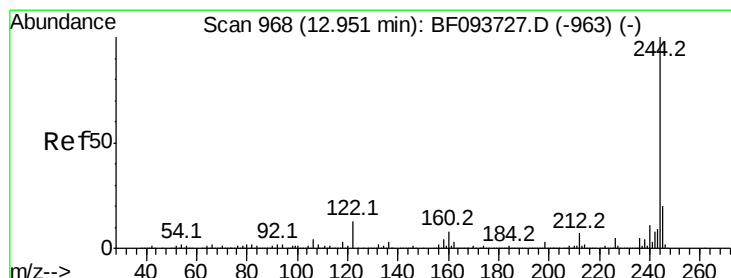
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.70 12.80 12.90



#78

Terphenyl-d14

Concen: 78.43 ng

RT: 12.95 min Scan# 968

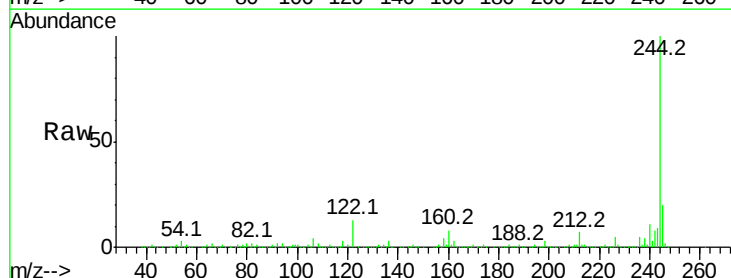
Delta R.T. -0.00 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Tgt Ion:244 Resp: 1669510

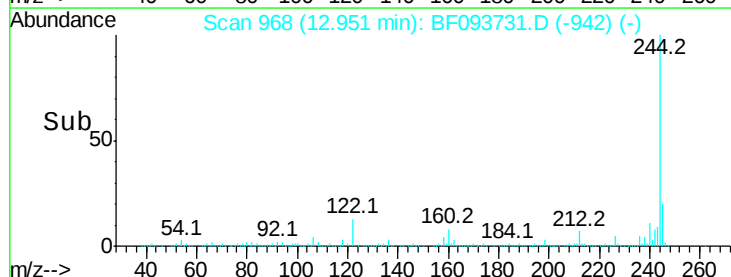
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.0	10.3	15.5



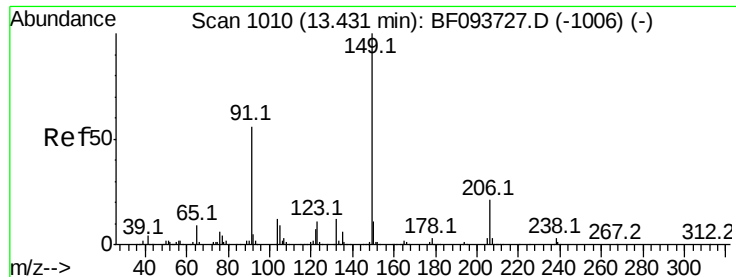
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



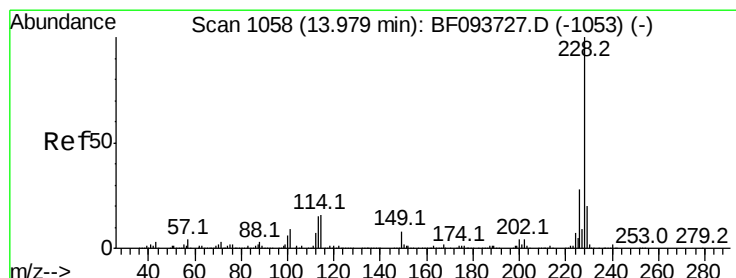
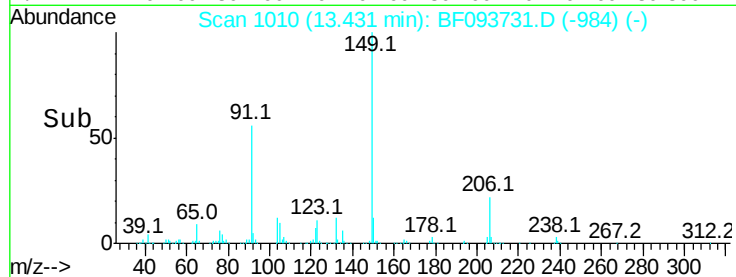
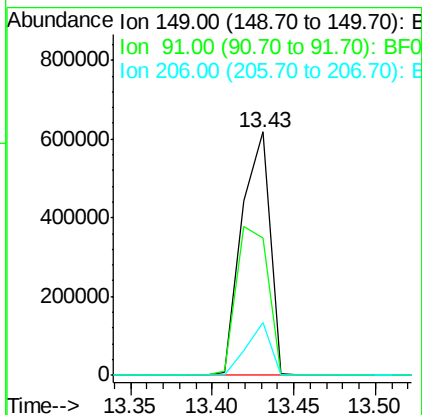
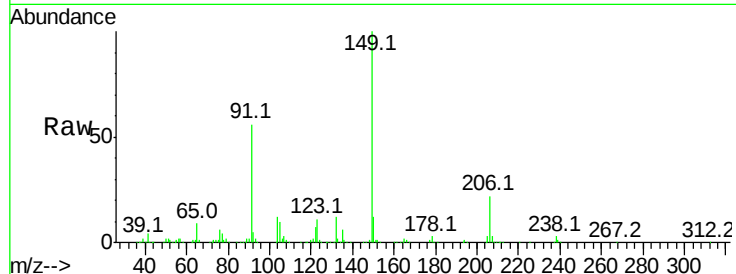
Time--> 12.80 12.90 13.00 13.10



#79
Butylbenzylphthalate
Concen: 44.54 ng
RT: 13.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

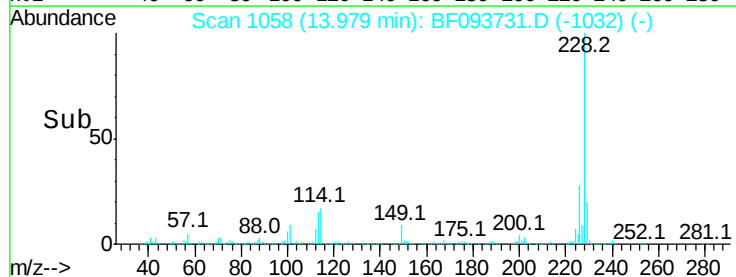
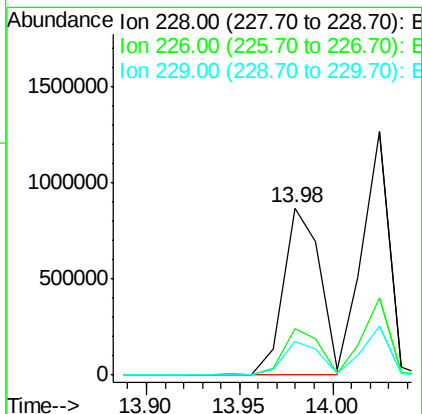
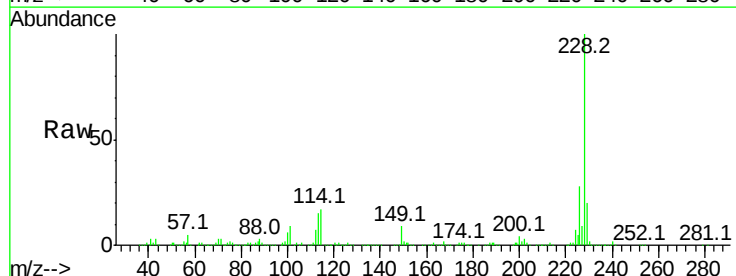
Instrument :
BNA_F
ClientSampleId :
ICVBF031817

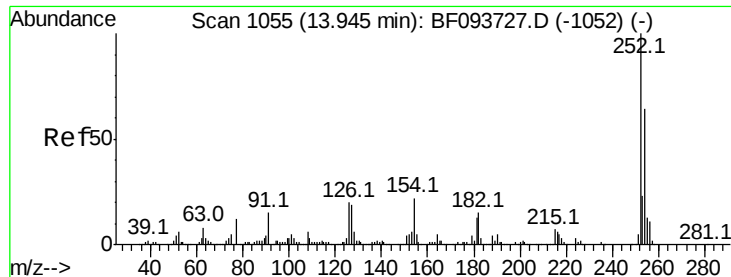
Tot Ion:149 Resp: 737270
Ion Ratio Lower Upper
149 100
91 56.2 45.0 67.4
206 21.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.38 ng
RT: 13.98 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

Tgt Ion:228 Resp: 1187501
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.4 16.3 24.5

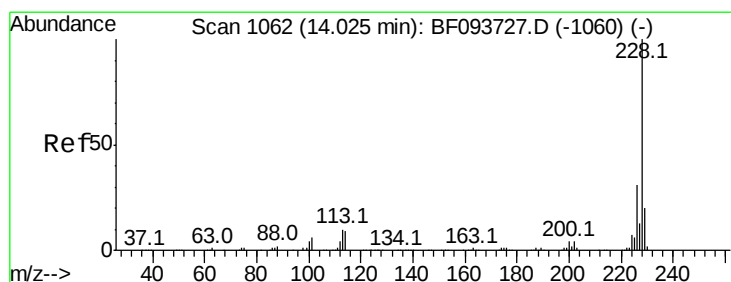
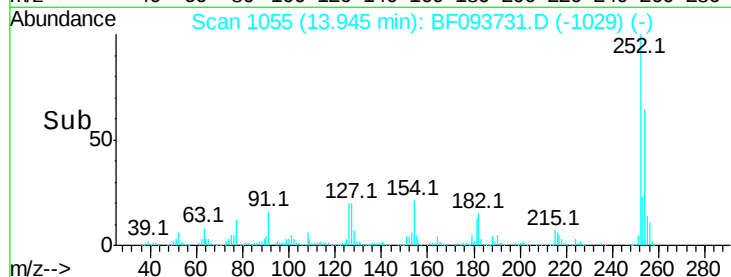
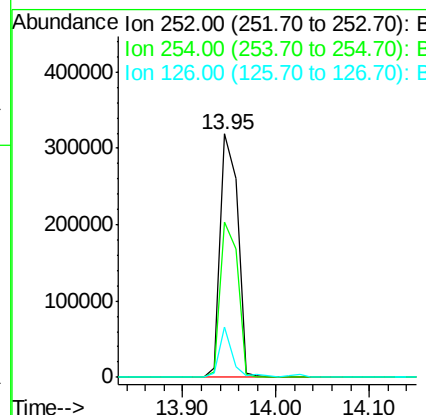
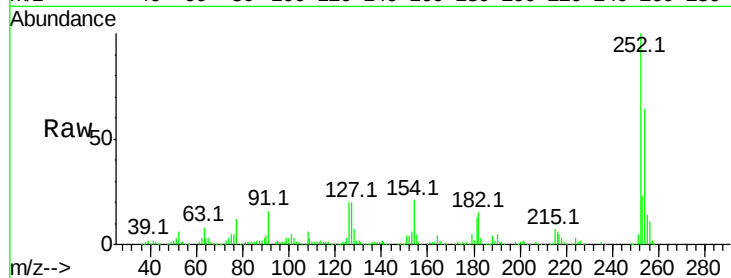




#81
 3,3'-Dichlorobenzidine
 Concen: 40.03 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

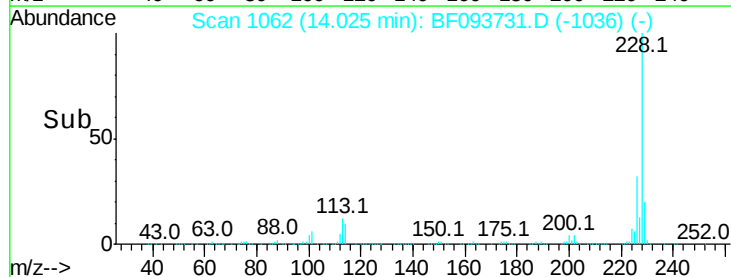
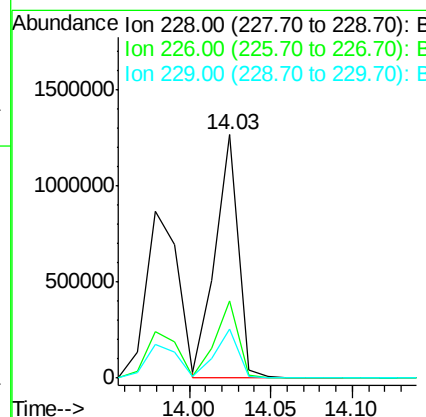
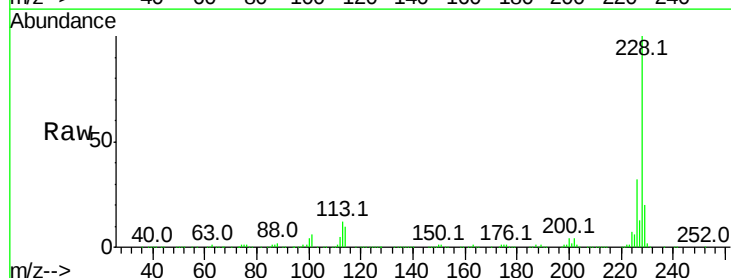
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

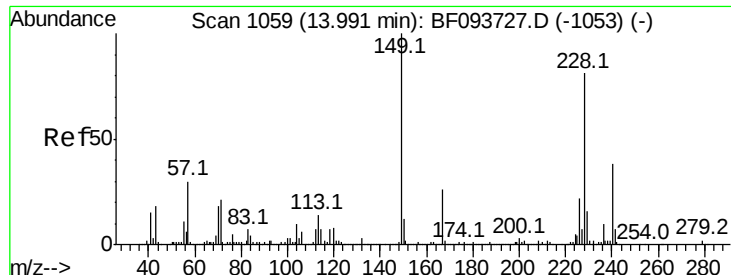
Tot Ion:252 Resp: 412947
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.5 77.3
 126 20.4 15.8 23.8



#82
 Chrysene
 Concen: 44.08 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Tgt Ion:228 Resp: 1252640
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 20.0 15.8 23.6

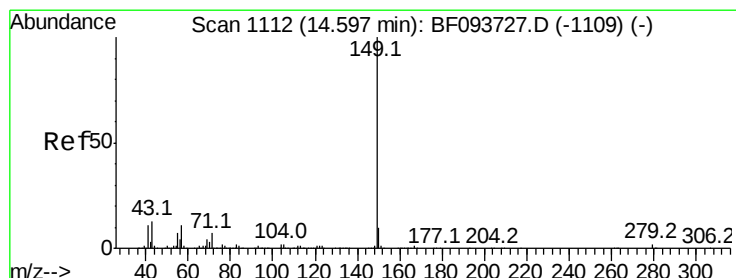
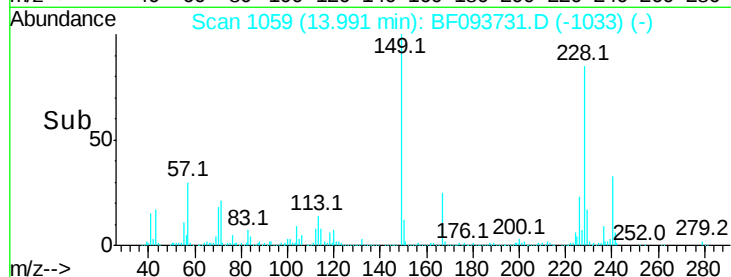
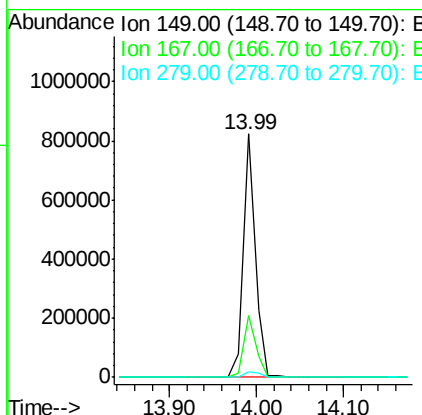
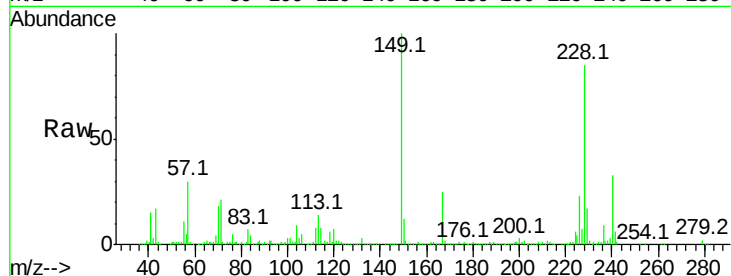




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.14 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

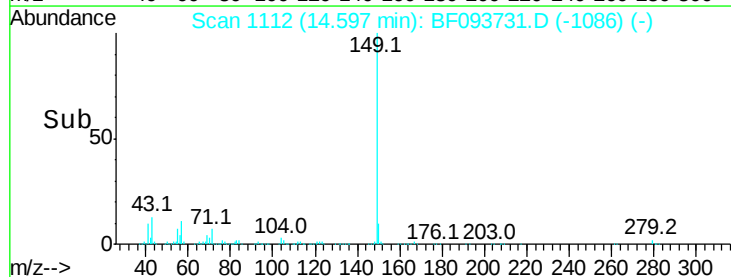
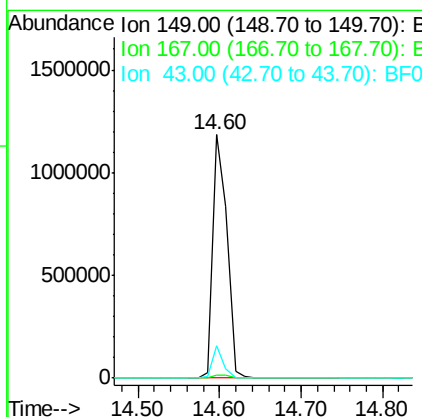
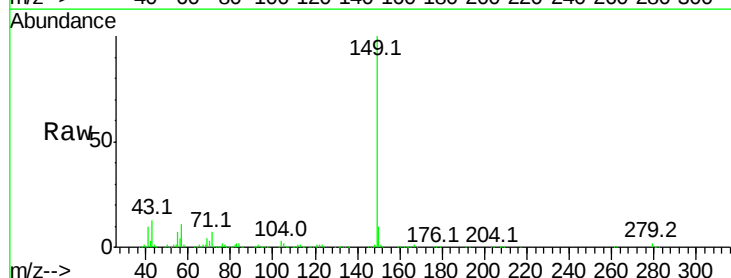
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

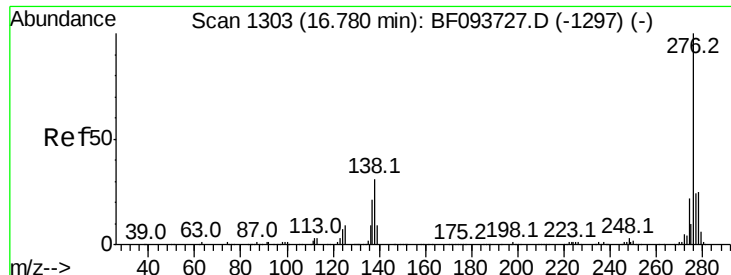
Tot Ion:149 Resp: 785048
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.0 31.4
 279 2.3 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 42.98 ng
 RT: 14.60 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Tgt Ion:149 Resp: 1442078
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.7 8.5 12.7



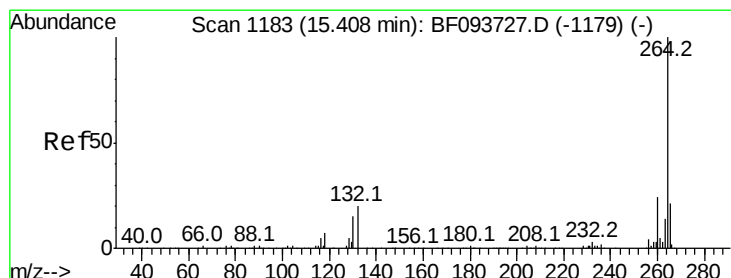
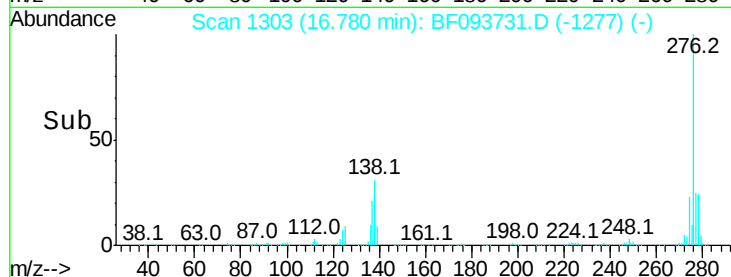
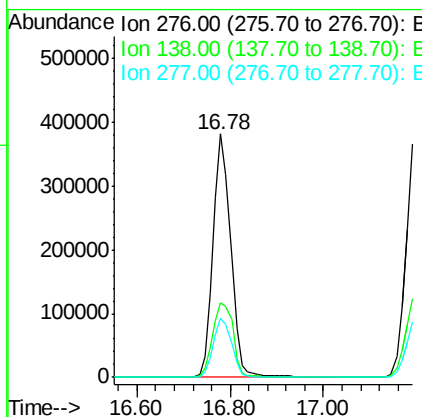
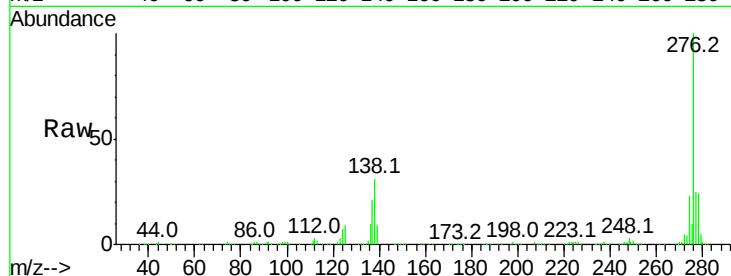


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.11 ng
 RT: 16.78 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031817

Tot Ion:276 Resp: 1013575

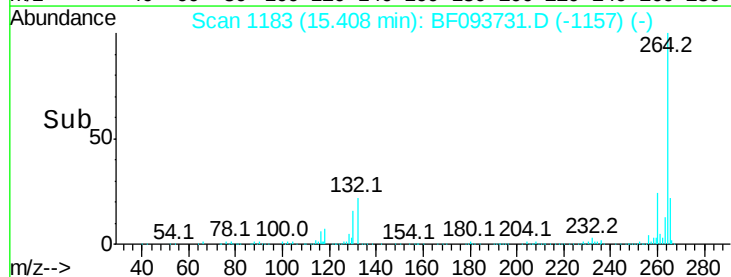
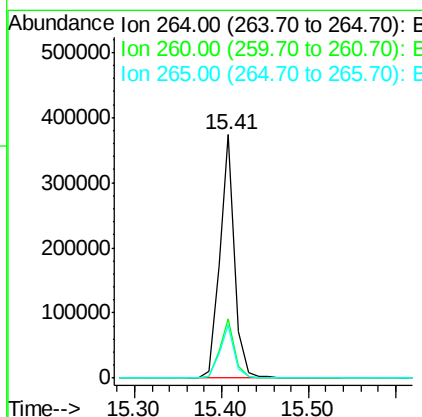
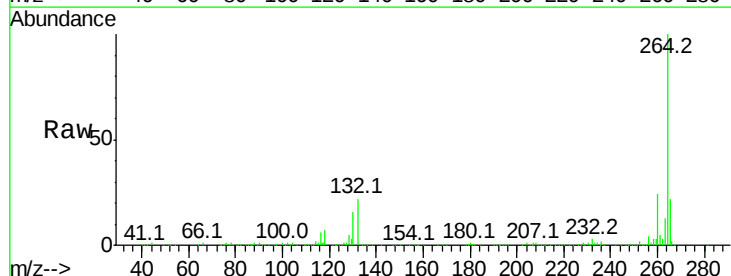
Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	25.3	20.2	30.4

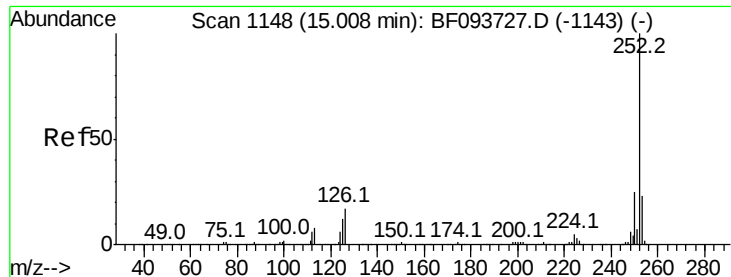


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF093731.D
 Acq: 18 Mar 2017 4:33

Tgt Ion:264 Resp: 443620

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.8	17.2	25.8

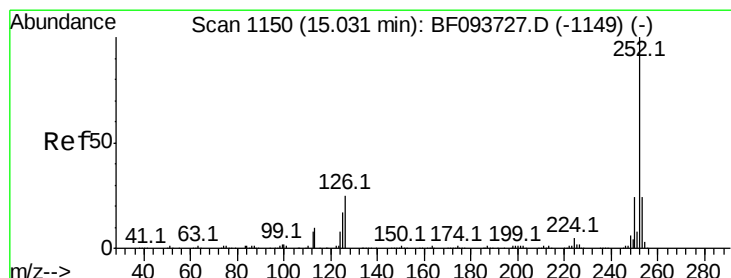
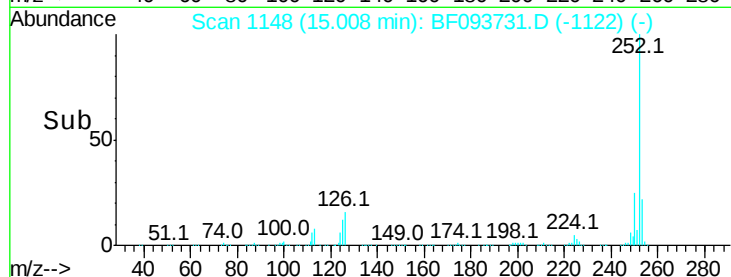
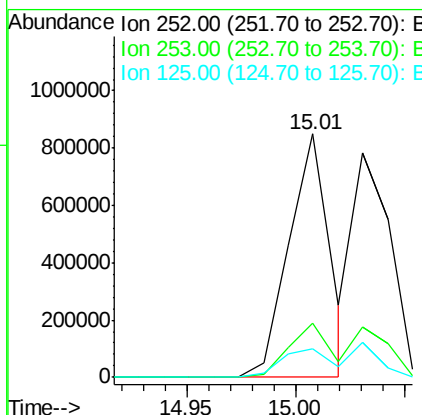
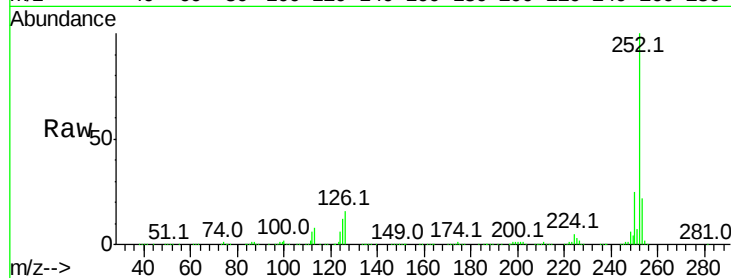




#87
Benzo(b)fluoranthene
Concen: 39.28 ng
RT: 15.01 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

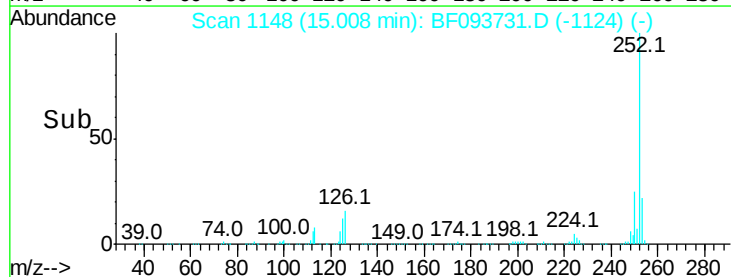
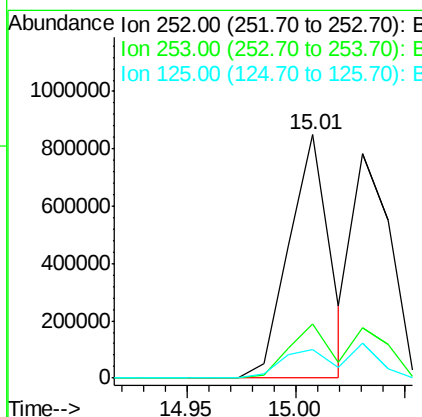
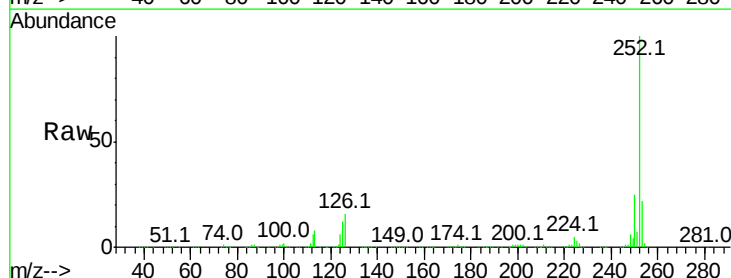
Instrument :
BNA_F
ClientSampleId :
ICVBF031817

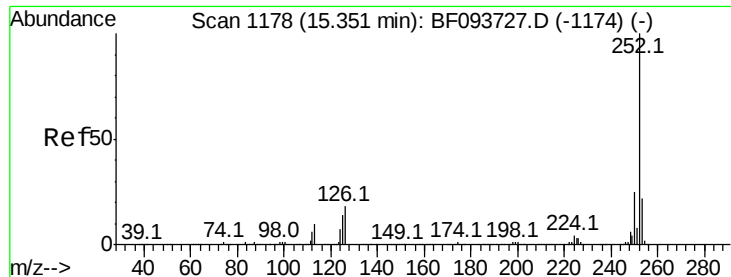
Tot Ion:252 Resp: 1104709
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 44.45 ng
RT: 15.01 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

Tgt Ion:252 Resp: 1104709
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 12.0 13.1 19.7#

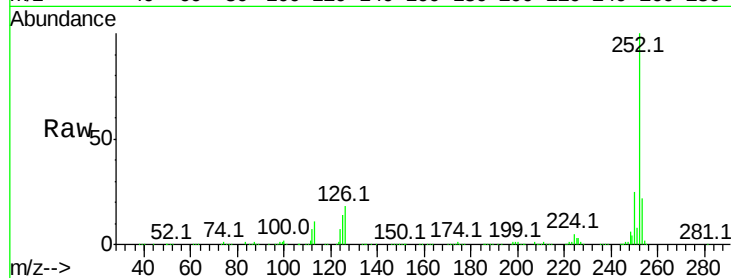




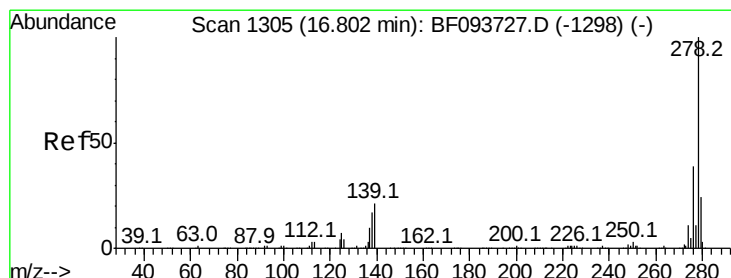
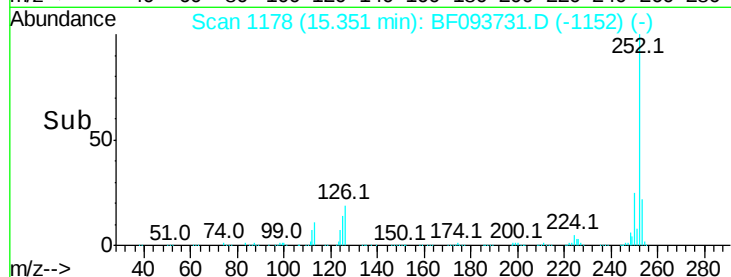
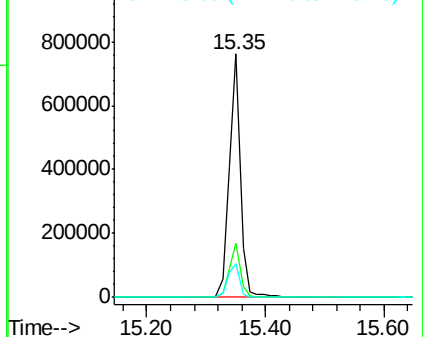
#89
Benzo(a)pyrene
Concen: 39.52 ng
RT: 15.35 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

Instrument :
BNA_F
ClientSampleId :
ICVBF031817

Tot Ion:252 Resp: 982263
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 14.1 11.0 16.4

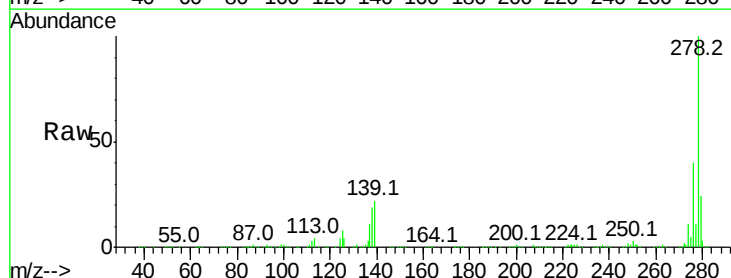


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

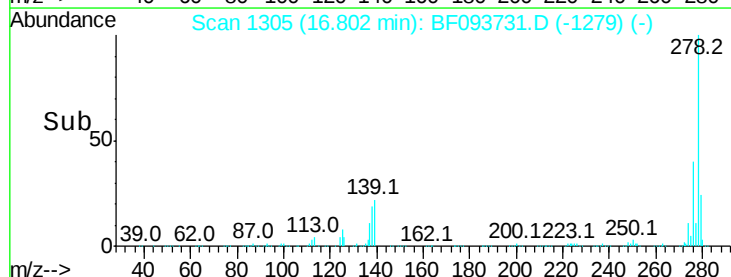
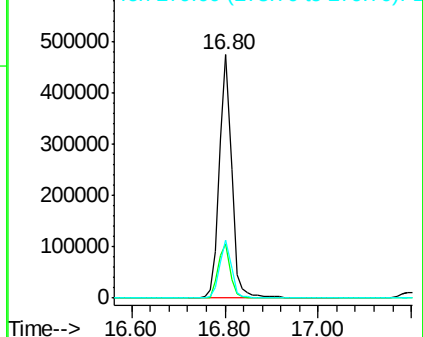


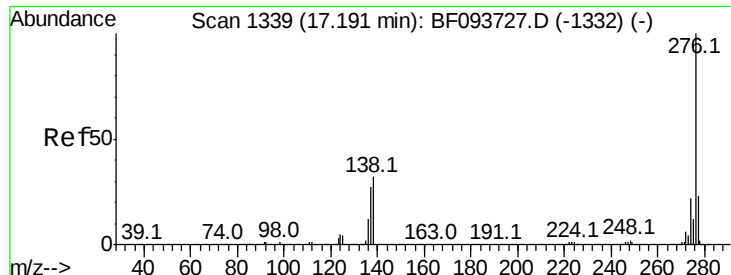
#90
Dibenzo(a,h)anthracene
Concen: 40.95 ng
RT: 16.80 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF093731.D
Acq: 18 Mar 2017 4:33

Tgt Ion:278 Resp: 861013
Ion Ratio Lower Upper
278 100
139 22.1 16.6 24.8
279 23.6 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(a,h,i)perylene

Concen: 40.86 ng

RT: 17.20 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF093731.D

Acq: 18 Mar 2017 4:33

Instrument :

BNA_F

ClientSampleId :

ICVBF031817

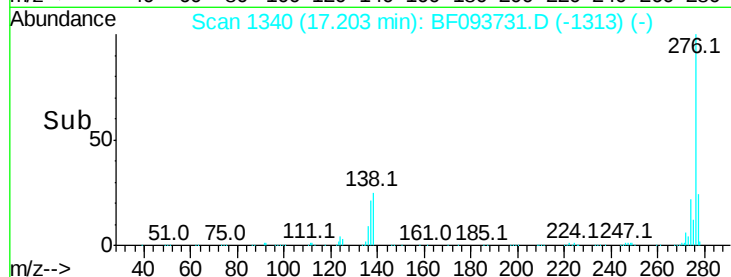
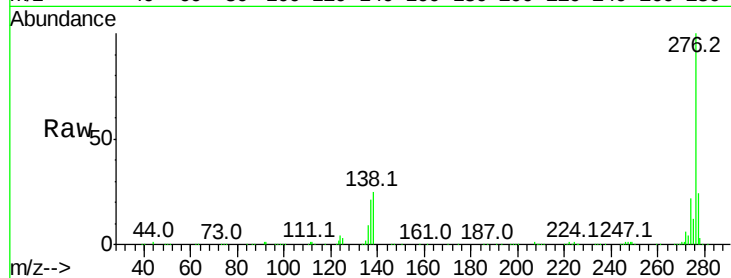
Tot Ion:276 Resp: 873628

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 25.2 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

