

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093762.D
 Acq On : 20 Mar 2017 13:11
 Operator : SJ/MA
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Mar 20 13:31:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 13:13:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	226007	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	964891	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	431034	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	729505	20.00	ng	0.00
75) Chrysene-d12	13.98	240	452306	20.00	ng	0.00
86) Perylene-d12	15.39	264	472465	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1176727	86.81	ng	0.00
7) Phenol-d6	6.47	99	1522077	90.59	ng	0.00
23) Nitrobenzene-d5	7.41	82	1618551	100.68	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	342806	121.52	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2301700	100.77	ng	0.00
78) Terphenyl-d14	12.94	244	2103458	100.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	327389	46.77	ng	98
3) Pyridine	3.14	79	922338	48.17	ng	99
4) n-Nitrosodimethylamine	3.09	42	390899	46.66	ng	97
6) Aniline	6.49	93	1119537	46.61	ng	# 88
8) 2-Chlorophenol	6.62	128	685960	45.51	ng	94
9) Benzaldehyde	6.38	77	552896	56.83	ng	97
10) Phenol	6.48	94	812118	41.34	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	665672	43.00	ng	97
12) 1,3-Dichlorobenzene	6.78	146	758265	45.41	ng	98
13) 1,4-Dichlorobenzene	6.86	146	833643	48.75	ng	98
14) 1,2-Dichlorobenzene	6.86	146	833643	52.14	ng	94
15) Benzyl Alcohol	6.98	79	617186	49.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1145687	46.94	ng	99
17) 2-Methylphenol	7.10	107	628568	48.18	ng	97
18) Hexachloroethane	7.36	117	298224	49.09	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	536000	48.05	ng	# 91
20) 3+4-Methylphenols	7.25	107	721622	46.65	ng	95
22) Acetophenone	7.26	105	968287	45.04	ng	# 89
24) Nitrobenzene	7.42	77	744515	42.84	ng	96
25) Isophorone	7.67	82	1461135	47.22	ng	95
26) 2-Nitrophenol	7.74	139	383809	58.33	ng	94
27) 2,4-Dimethylphenol	7.78	122	725166	48.16	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	856395	43.84	ng	99
29) 2,4-Dichlorophenol	7.98	162	588488	45.49	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	634718	47.07	ng	99
31) Naphthalene	8.15	128	2179535	46.33	ng	99
32) Benzoic acid	7.91	122	474337	60.20	ng	98
33) 4-Chloroaniline	8.20	127	936439	47.53	ng	# 91
34) Hexachlorobutadiene	8.28	225	333392	47.21	ng	98
35) Caprolactam	8.57	113	193272	44.51	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	619507	45.48	ng	87
37) 2-Methylnaphthalene	8.84	142	1300780	42.69	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	559857	55.47	ng	99
40) Hexachlorocyclopentadiene	9.00	237	277092	54.95	ng	99

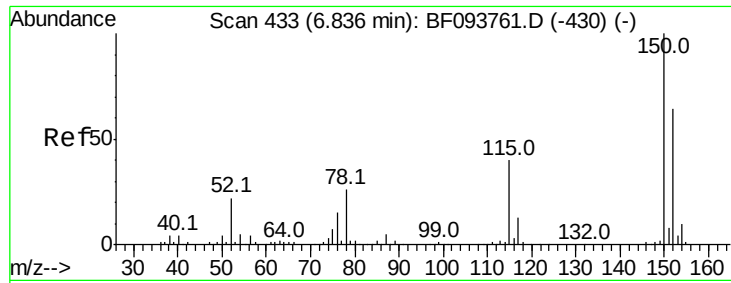
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	412684	55.45	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	422493	55.06	nq #	85
45) 1,1'-Biphenyl	9.30	154	1570719	51.97	nq	98
46) 2-Chloronaphthalene	9.33	162	1306389	53.87	nq	96
47) 2-Nitroaniline	9.42	65	408691	58.25	nq #	65
48) Acenaphthylene	9.74	152	1963410	49.65	nq	99
49) Dimethylphthalate	9.60	163	1461624	51.92	nq	99
50) 2,6-Dinitrotoluene	9.66	165	315126	51.82	nq #	78
51) Acenaphthene	9.91	154	1151662	49.41	nq	99
52) 3-Nitroaniline	9.83	138	437844	60.68	nq #	75
53) 2,4-Dinitrophenol	9.92	184	133103	73.45	nq #	44
54) Dibenzofuran	10.08	168	1614137	50.94	nq	98
55) 4-Nitrophenol	9.98	139	295356	54.26	nq #	65
56) 2,4-Dinitrotoluene	10.06	165	411724	50.86	nq #	78
57) Fluorene	10.42	166	1245806	48.47	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	279537	52.98	nq	96
59) Diethylphthalate	10.30	149	1424306	53.15	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	509067	47.01	nq	99
61) 4-Nitroaniline	10.44	138	320945	47.80	nq	91
62) Azobenzene	10.57	77	1397494	51.62	nq	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	243453	76.34	nq #	54
65) n-Nitrosodiphenylamine	10.54	169	1242371	50.45	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	339267	49.20	nq	97
67) Hexachlorobenzene	10.97	284	358578	49.75	nq #	93
68) Atrazine	11.06	200	390459	55.06	nq	95
69) Pentachlorophenol	11.16	266	217880	52.76	nq	99
70) Phenanthrene	11.37	178	1781300	43.19	nq	100
71) Anthracene	11.43	178	1852730	45.91	nq	100
72) Carbazole	11.58	167	1708620	40.45	nq	100
73) Di-n-butylphthalate	11.92	149	2015433	46.67	nq	99
74) Fluoranthene	12.56	202	1912685	47.85	nq	99
76) Benzidine	12.68	184	993757	56.23	nq	98
77) Pyrene	12.79	202	2017226	52.44	nq	100
79) Butylbenzylphthalate	13.41	149	850499	52.05	nq #	74
80) Benzo(a)anthracene	13.97	228	1440475	49.62	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	535092	52.55	nq	98
82) Chrysene	14.01	228	1527063	54.43	nq	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	1066469	59.36	nq #	99
84) Di-n-octyl phthalate	14.59	149	2027915	61.22	nq	99
85) Indeno(1,2,3-cd)pyrene	16.75	276	1198675	50.45	nq	99
87) Benzo(b)fluoranthene	15.02	252	2689971	89.82	nq	100
88) Benzo(k)fluoranthene	15.02	252	2690949	101.67	nq #	95
89) Benzo(a)pyrene	15.33	252	1233171	46.59	nq	97
90) Dibenzo(a,h)anthracene	16.77	278	1026884	45.85	nq	96
91) Benzo(g,h,i)perylene	17.17	276	1015307	44.58	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

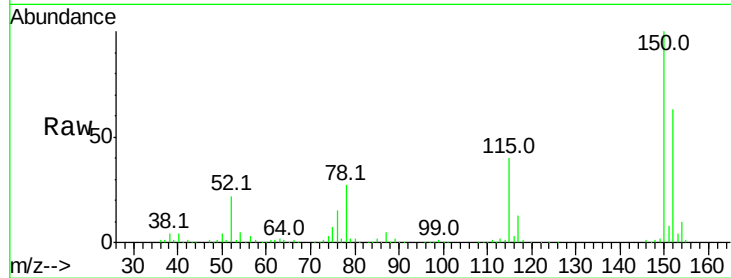
Tot Ion:152 Resp: 226007

Ion Ratio Lower Upper

152 100

150 159.3 126.2 189.2

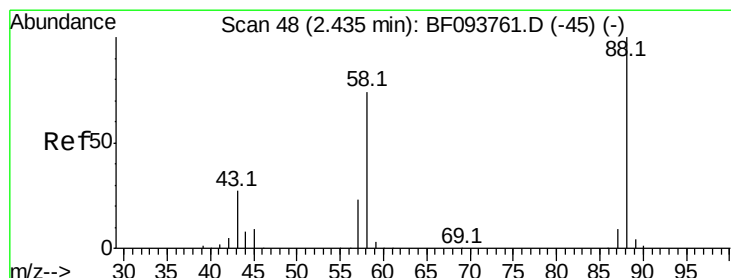
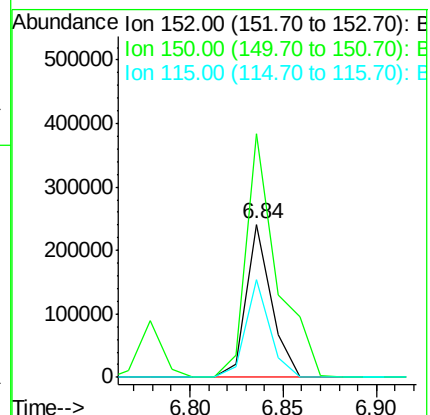
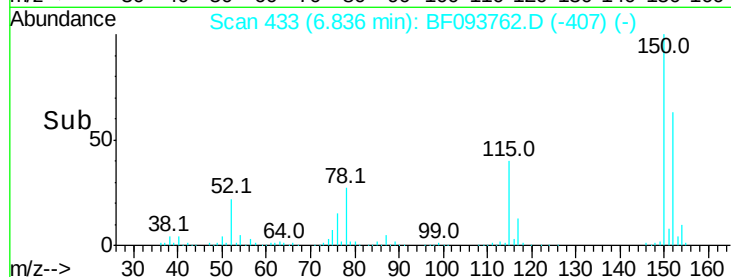
115 64.1 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.77 ng

RT: 2.44 min Scan# 48

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

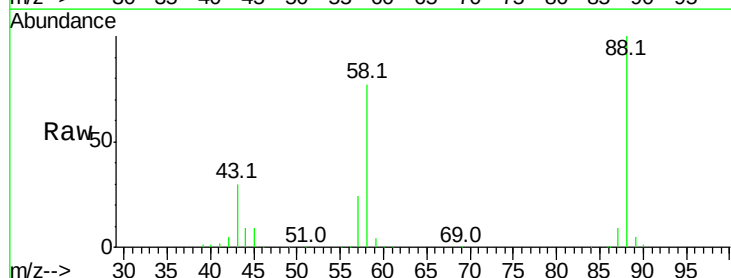
Tgt Ion: 88 Resp: 327389

Ion Ratio Lower Upper

88 100

58 74.8 61.4 92.0

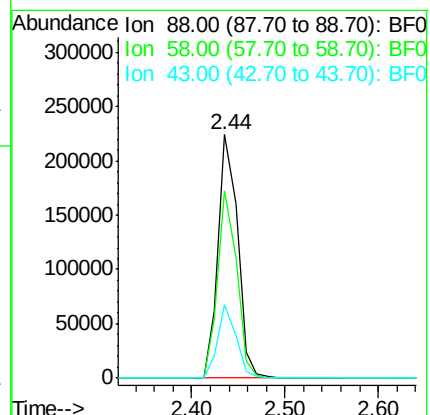
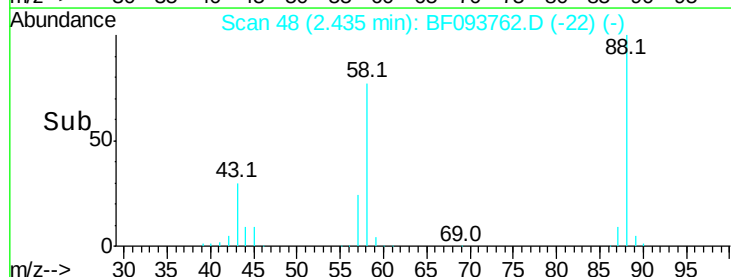
43 28.2 23.4 35.0

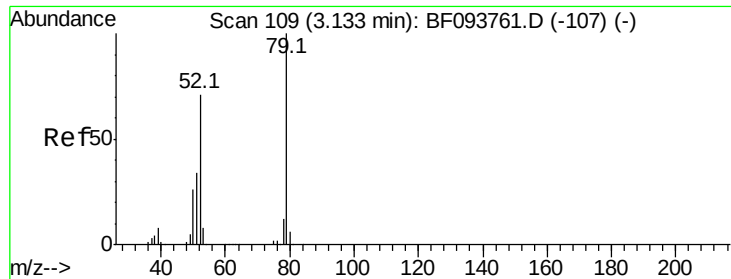


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

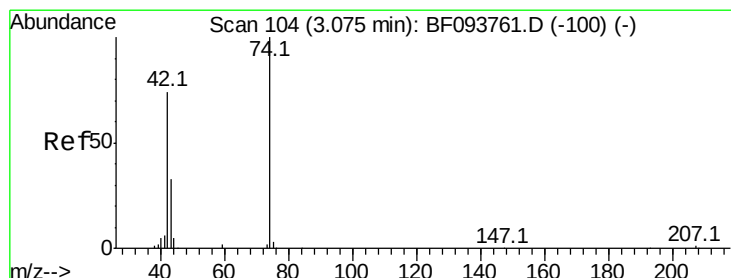
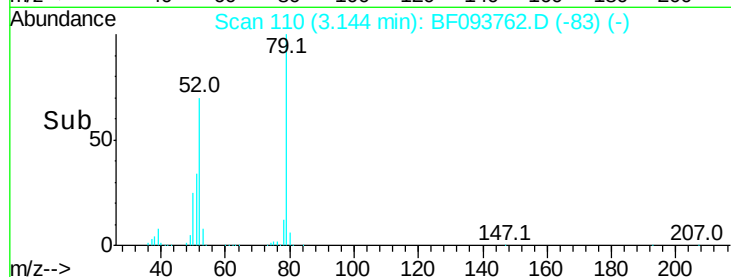
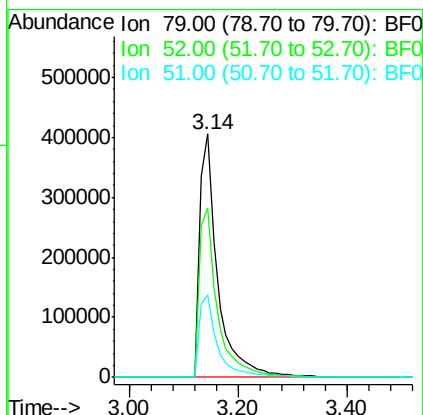
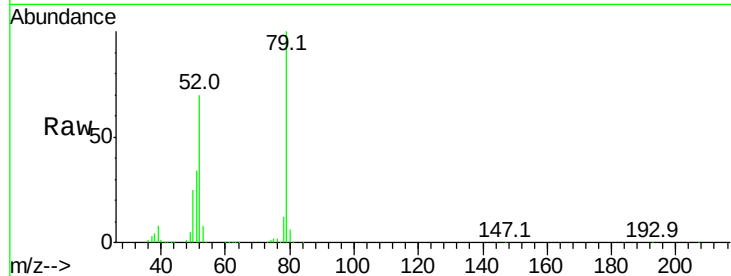




#3
 Pvridine
 Concen: 48.17 ng
 RT: 3.14 min Scan# 110
 Delta R.T. 0.01 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

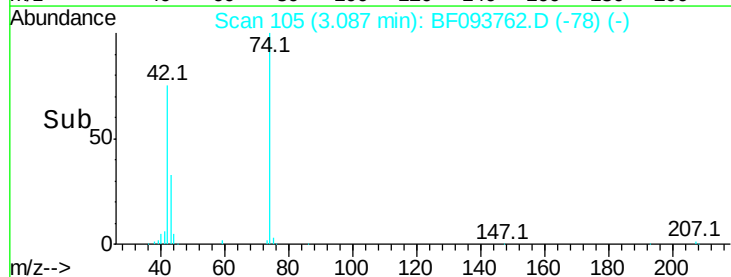
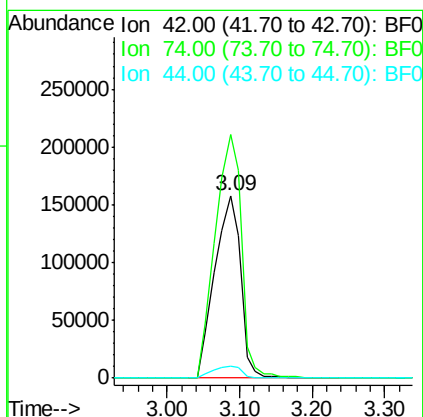
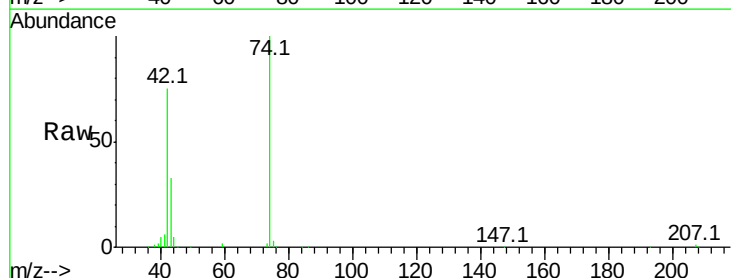
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

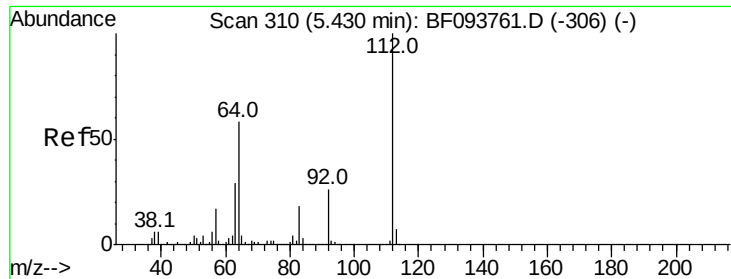
Tot Ion: 79 Resp: 922338
 Ion Ratio Lower Upper
 79 100
 52 69.8 54.8 82.2
 51 34.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 46.66 ng
 RT: 3.09 min Scan# 105
 Delta R.T. 0.01 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion: 42 Resp: 390899
 Ion Ratio Lower Upper
 42 100
 74 133.2 103.9 155.9
 44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 86.81 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

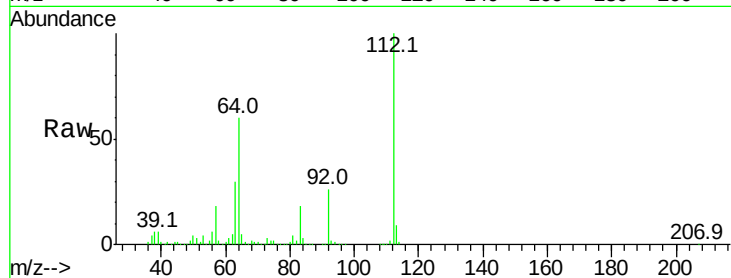
Tot Ion:112 Resp: 1176727

Ion Ratio Lower Upper

112 100

64 60.3 46.0 69.0

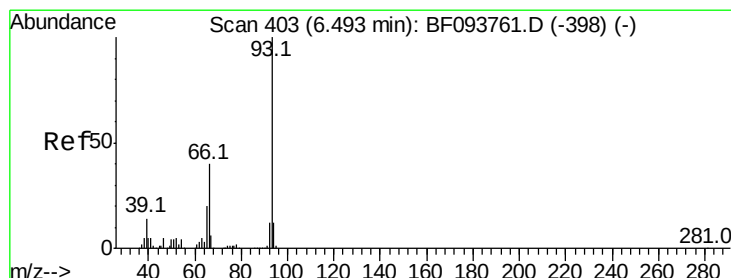
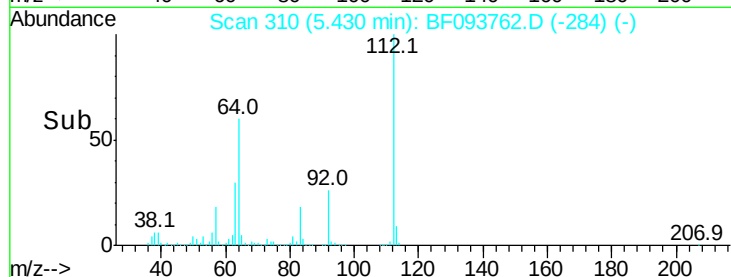
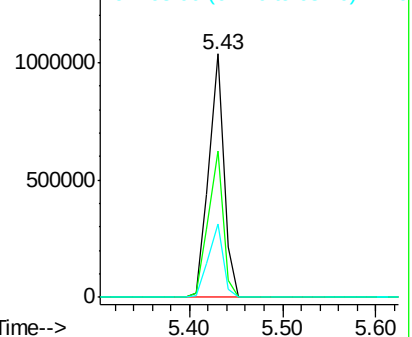
63 30.3 23.4 35.0



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: 46.61 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

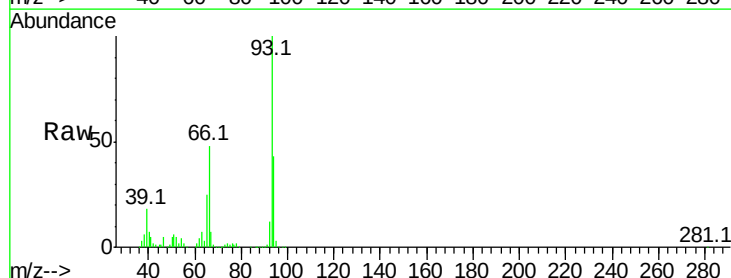
Tgt Ion: 93 Resp: 1119537

Ion Ratio Lower Upper

93 100

66 48.4 32.9 49.3

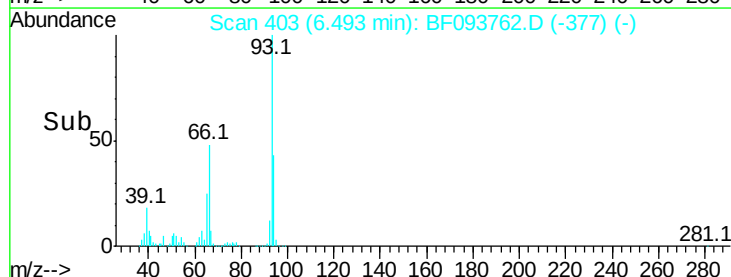
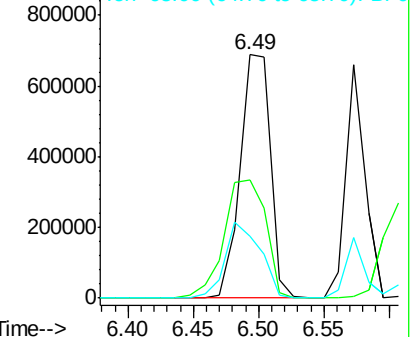
65 25.5 16.0 24.0#

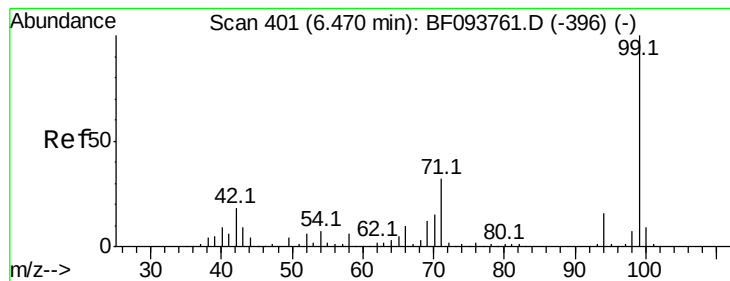


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.59 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

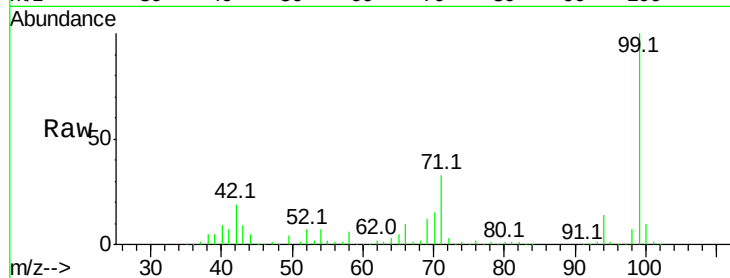
BNA_F

ClientSampled :

SSTDIC050

Tot Ion: 99 Resp: 1522077

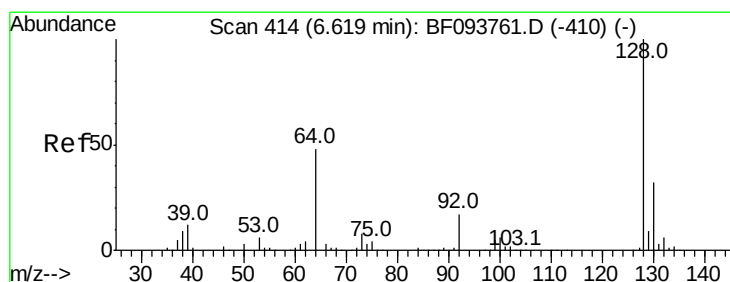
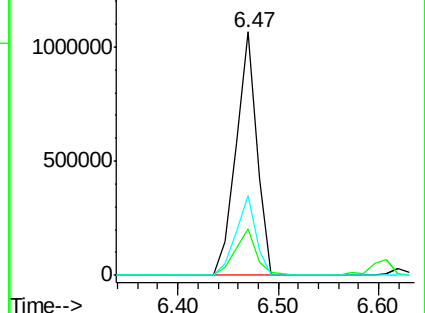
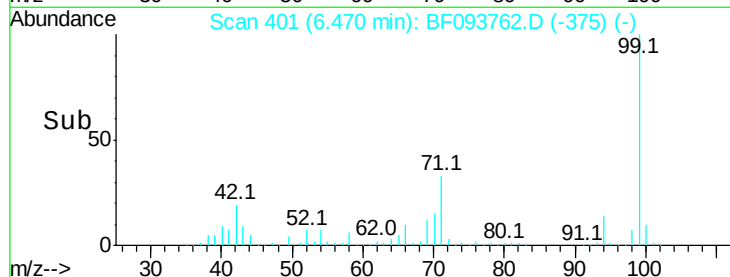
Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.5	20.3
71	32.7	24.5	36.7



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: 45.51 ng

RT: 6.62 min Scan# 414

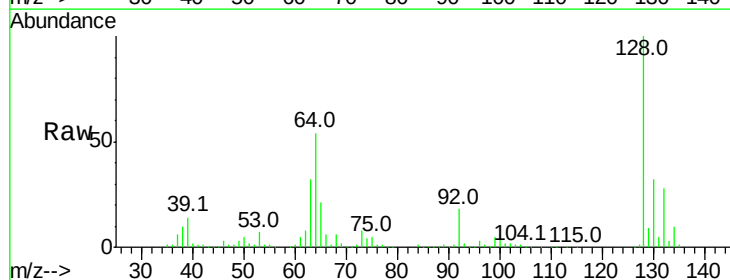
Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Tgt Ion: 128 Resp: 685960

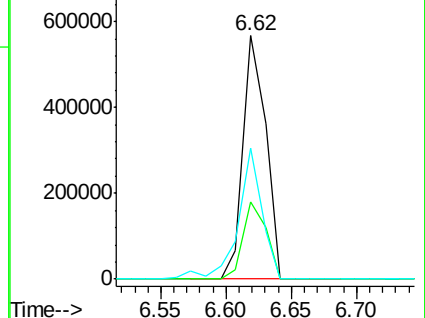
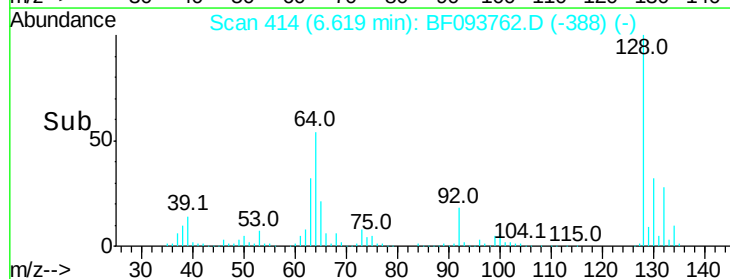
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	53.9	28.4	68.4

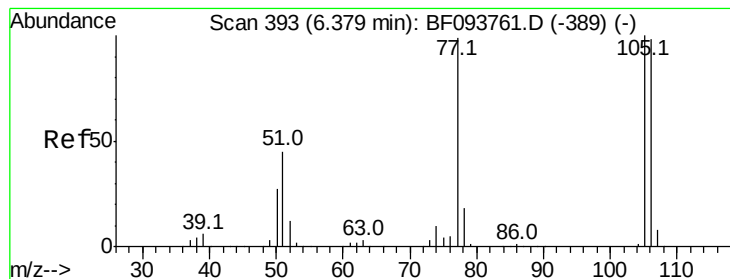


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 56.83 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

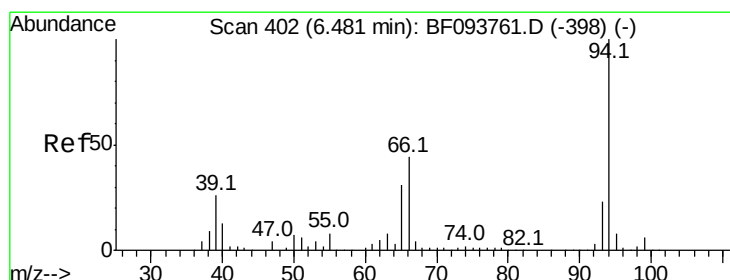
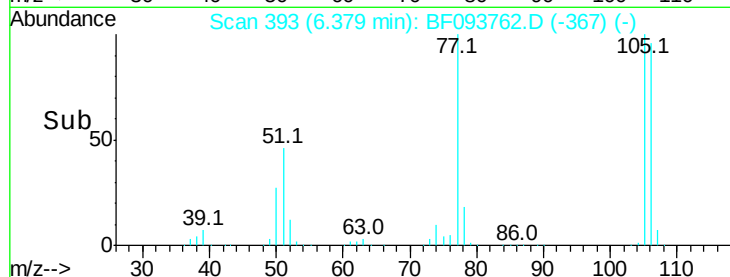
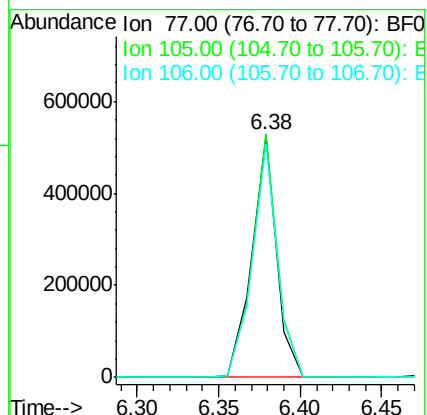
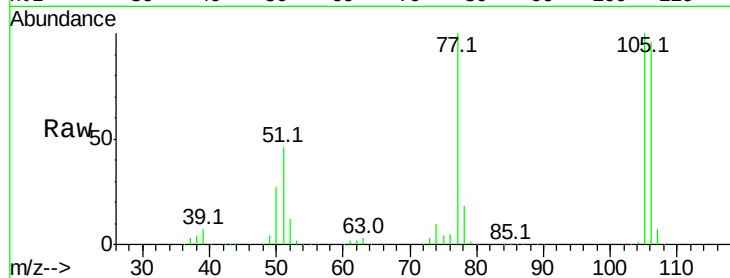
Tot Ion: 77 Resp: 552896

Ion Ratio Lower Upper

77 100

105 100.2 83.8 123.8

106 95.9 79.1 119.1



#10

Phenol

Concen: 41.34 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

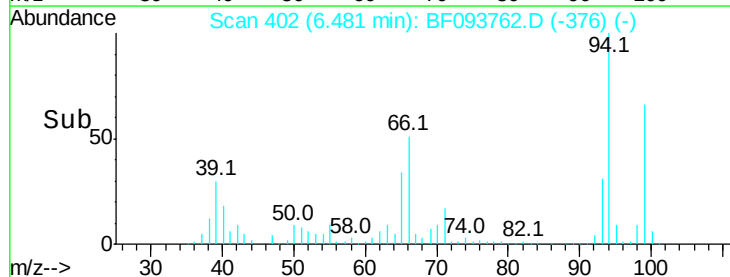
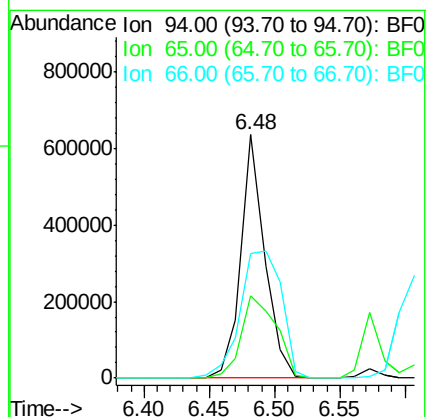
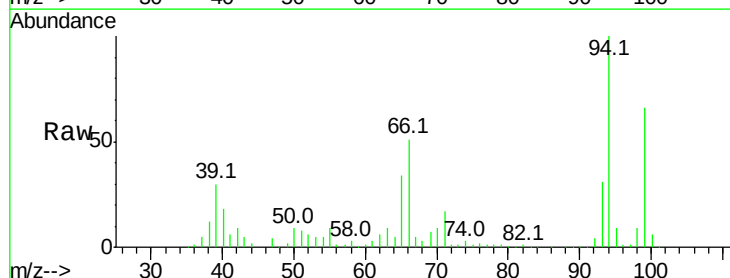
Tgt Ion: 94 Resp: 812118

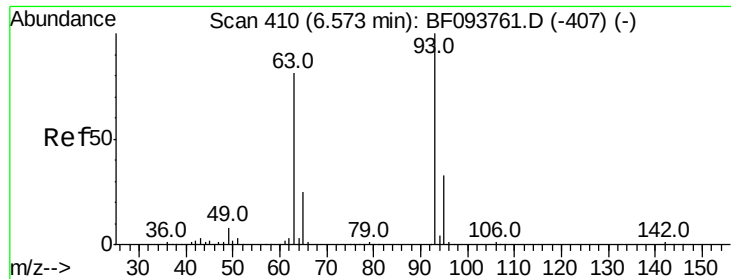
Ion Ratio Lower Upper

94 100

65 34.0 9.9 49.9

66 51.1 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 43.00 ng

RT: 6.57 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

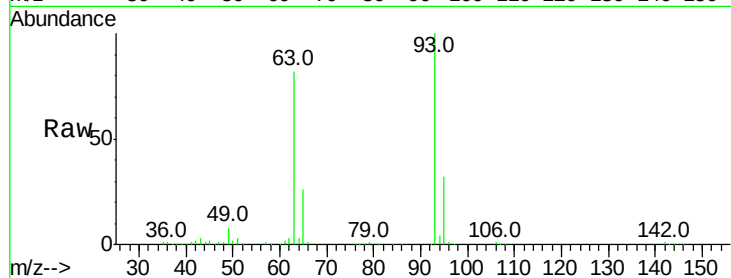
Tot Ion: 93 Resp: 665672

Ion Ratio Lower Upper

93 100

63 82.3 59.2 99.2

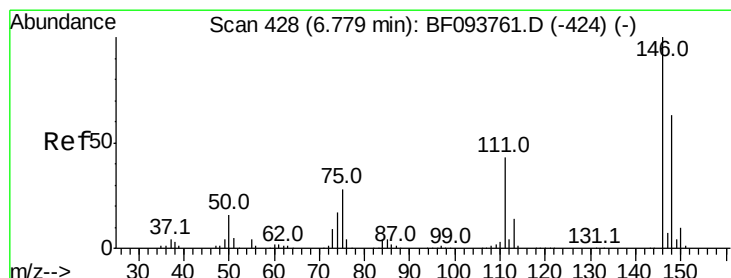
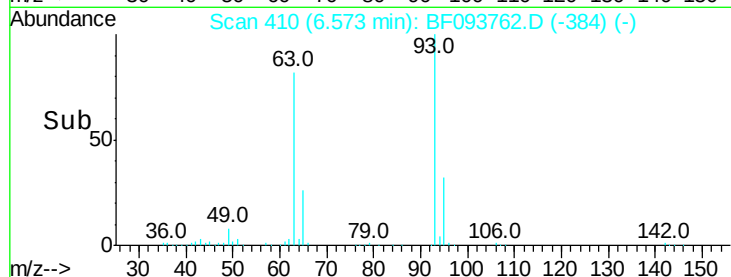
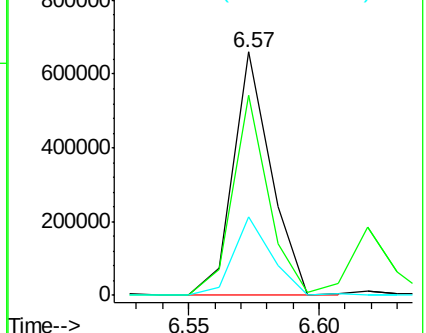
95 32.4 12.8 52.8



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: 45.41 ng

RT: 6.78 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

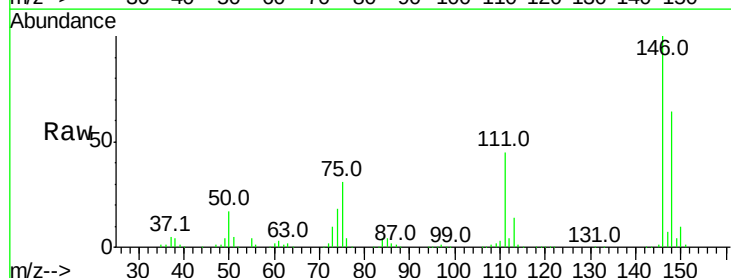
Tgt Ion: 146 Resp: 758265

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

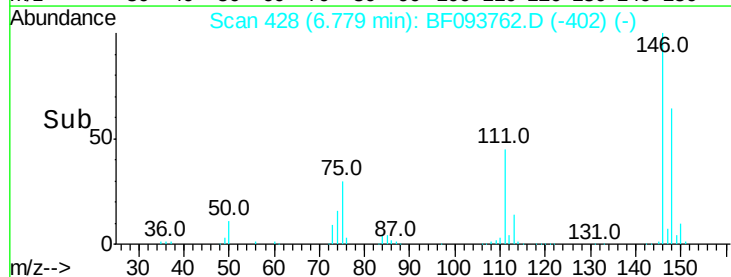
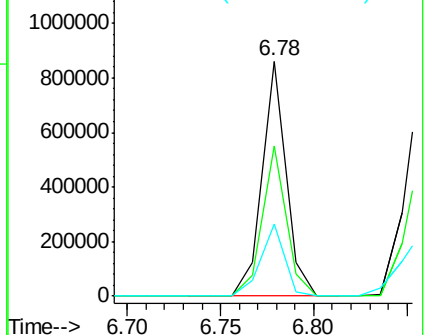
75 30.6 23.1 34.7

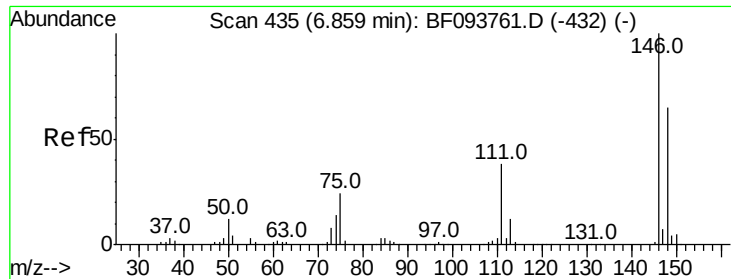


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

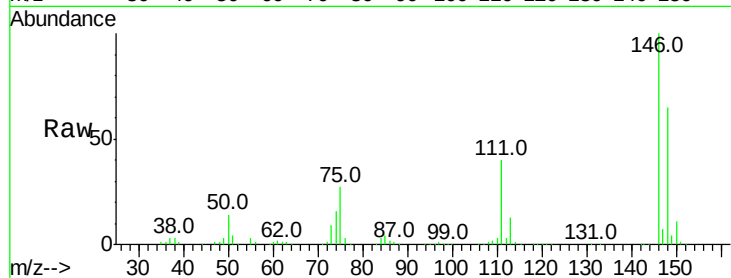




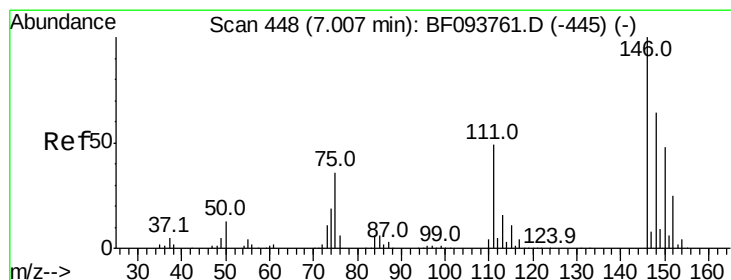
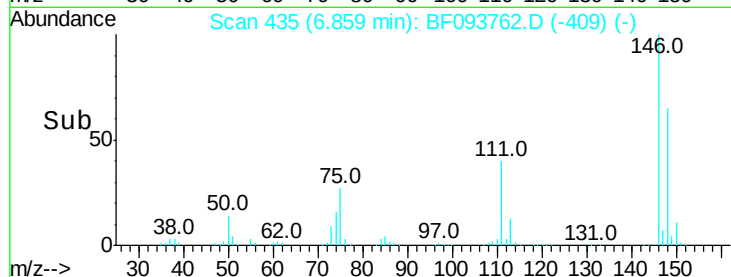
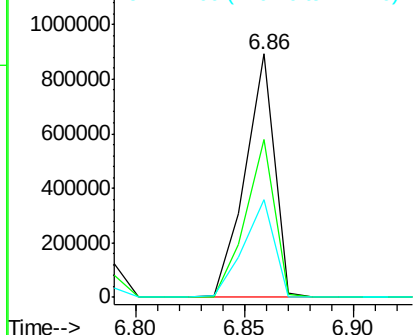
#13
 1,4-Dichlorobenzene
 Concen: 48.75 ng
 RT: 6.86 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:146 Resp: 833643
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 40.3 30.3 45.5

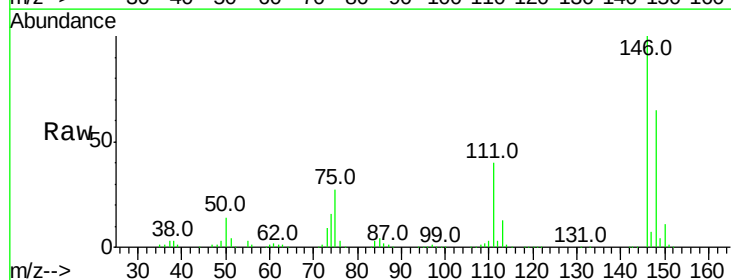


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

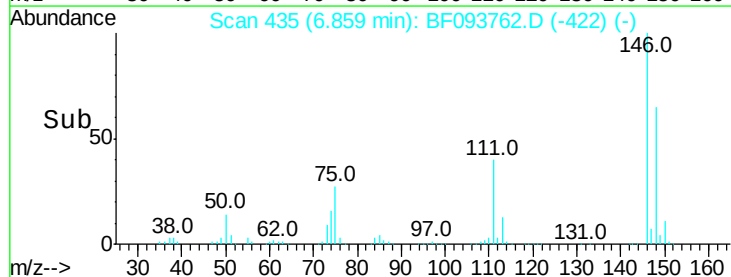
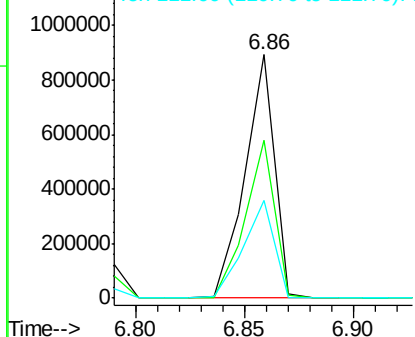


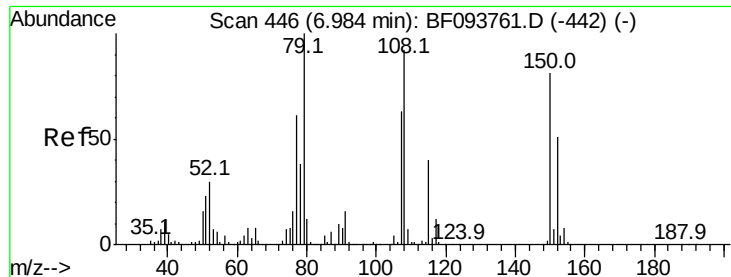
#14
 1,2-Dichlorobenzene
 Concen: 52.14 ng
 RT: 6.86 min Scan# 435
 Delta R.T. -0.15 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:146 Resp: 833643
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.4 75.6
 111 40.3 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: 49.07 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

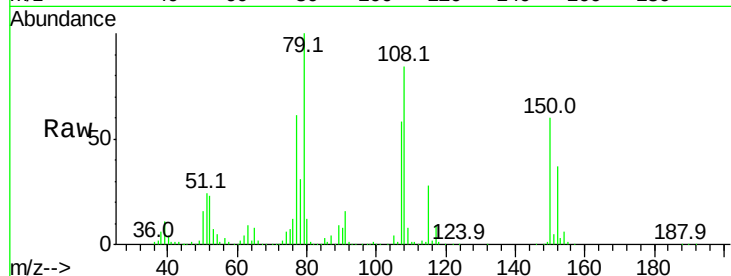
Tot Ion: 79 Resp: 617186

Ion Ratio Lower Upper

79 100

108 83.8 63.4 95.0

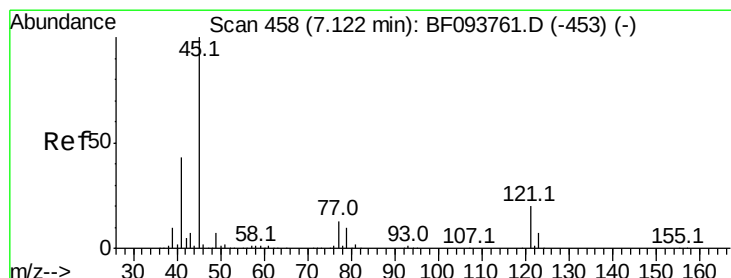
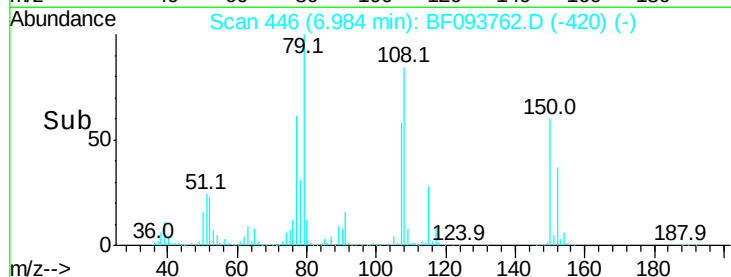
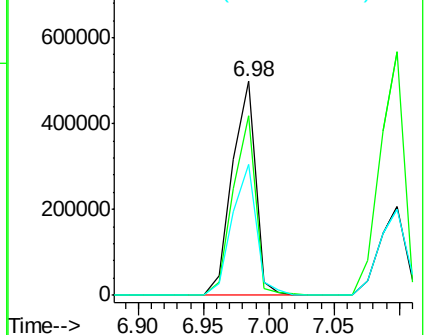
77 61.1 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.94 ng

RT: 7.12 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

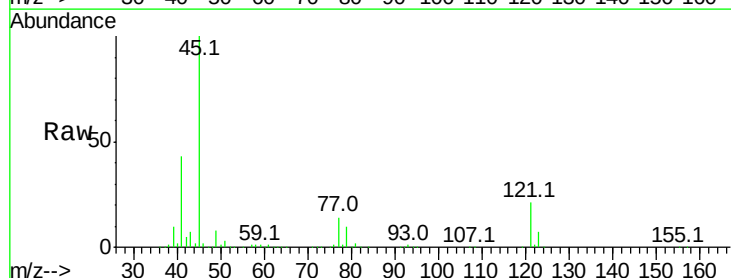
Tgt Ion: 45 Resp: 1145687

Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.2

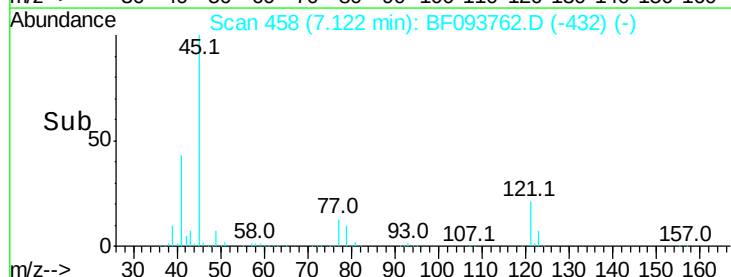
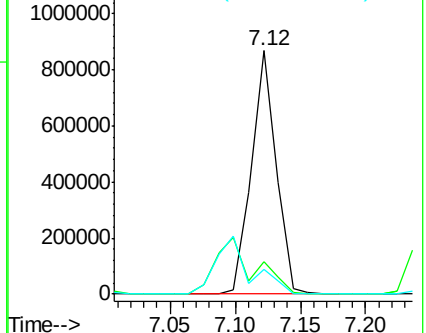
79 10.0 0.0 30.0

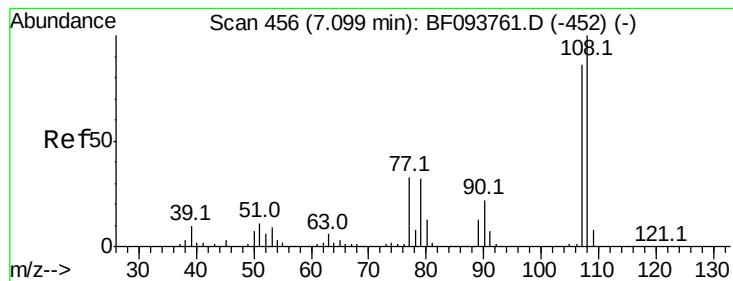


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

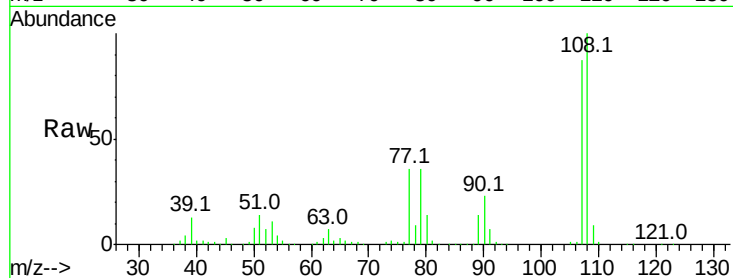




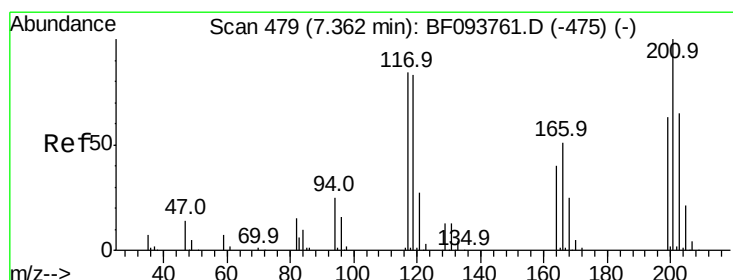
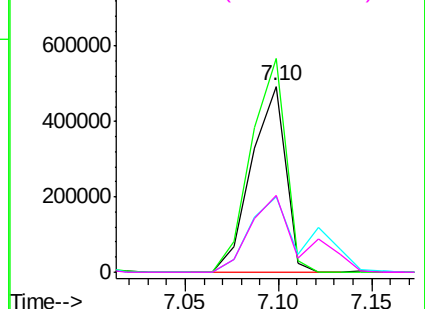
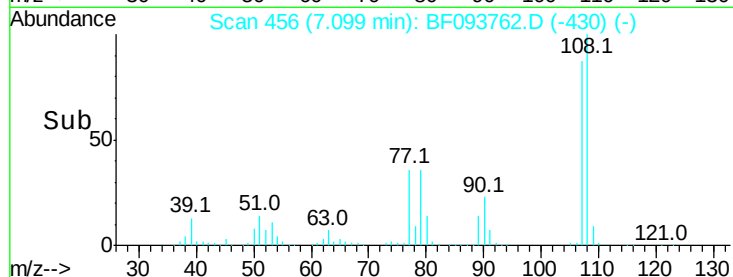
#17
2-Methylphenol
Concen: 48.18 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:107 Resp: 628568
Ion Ratio Lower Upper
107 100
108 115.0 93.4 140.0
77 40.8 35.8 53.6
79 41.6 34.8 52.2

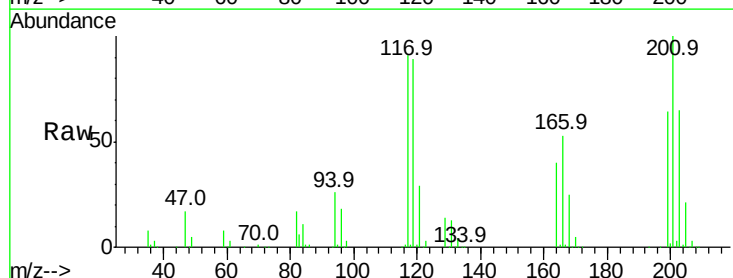


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

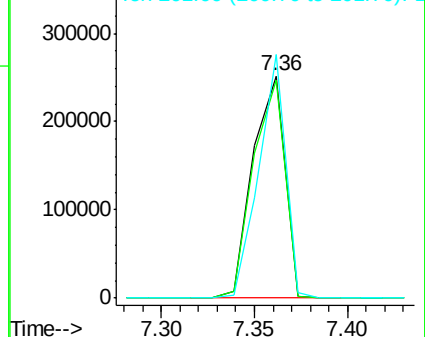
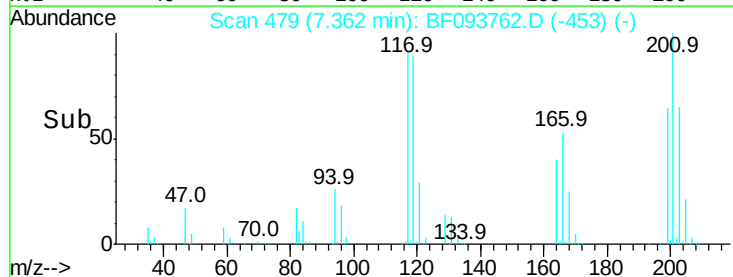


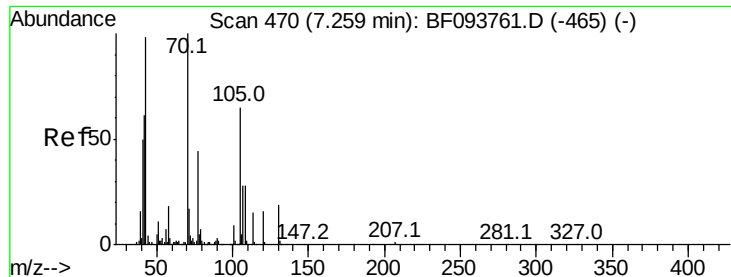
#18
Hexachloroethane
Concen: 49.09 ng
RT: 7.36 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion:117 Resp: 298224
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.0
201 109.4 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

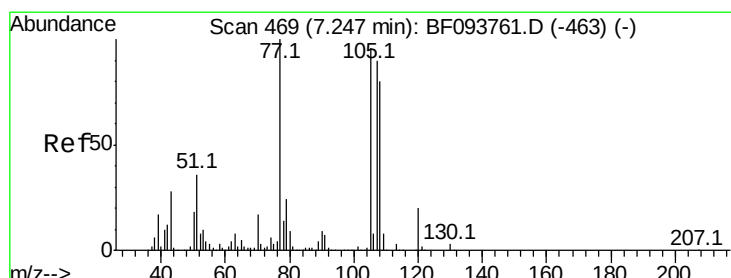
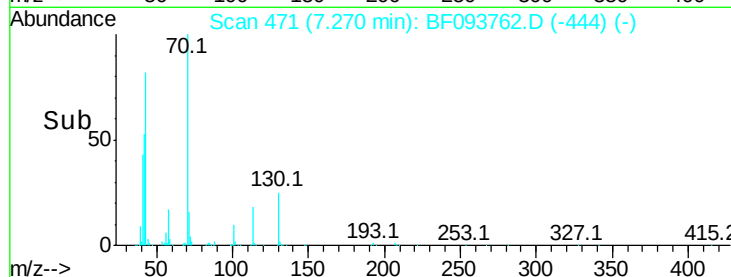
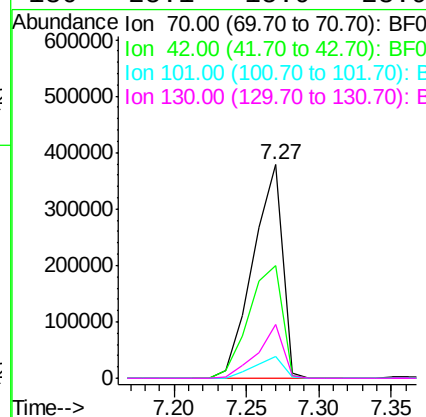
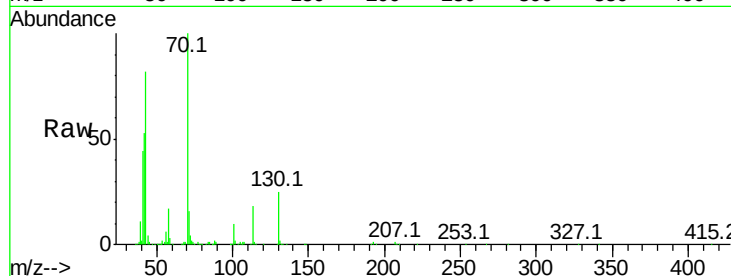




#19
 n-Nitroso-di-n-propylamine
 Concen: 48.05 ng
 RT: 7.27 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

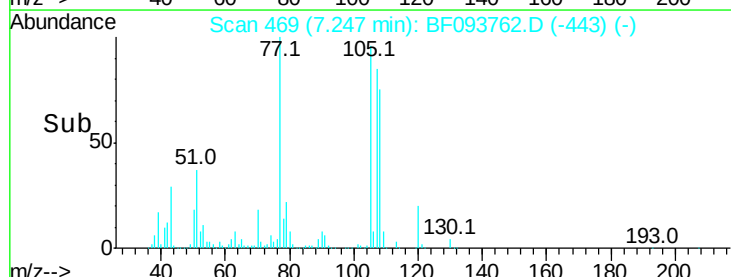
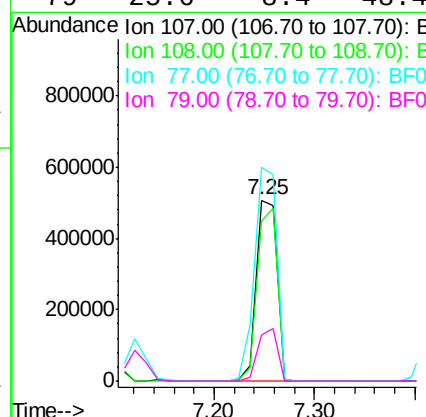
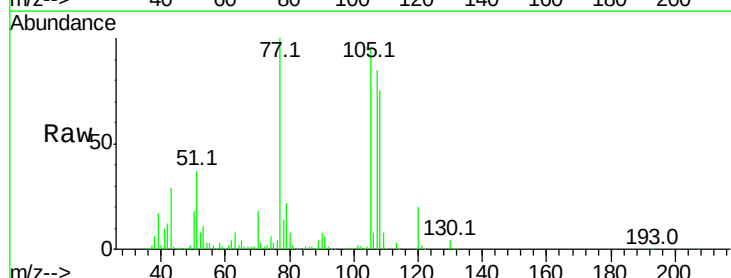
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

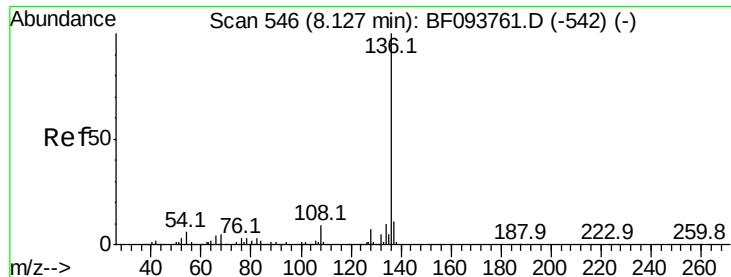
Tot Ion: 70 Resp: 536000
 Ion Ratio Lower Upper
 70 100
 42 52.6 47.2 70.8
 101 10.4 7.2 10.8
 130 25.1 15.9 23.9#



#20
 3+4-Methylphenols
 Concen: 46.65 ng
 RT: 7.25 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion: 107 Resp: 721622
 Ion Ratio Lower Upper
 107 100
 108 88.7 71.0 111.0
 77 118.2 90.5 130.5
 79 25.6 8.4 48.4

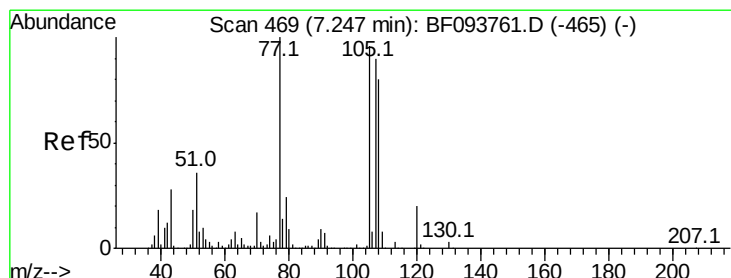
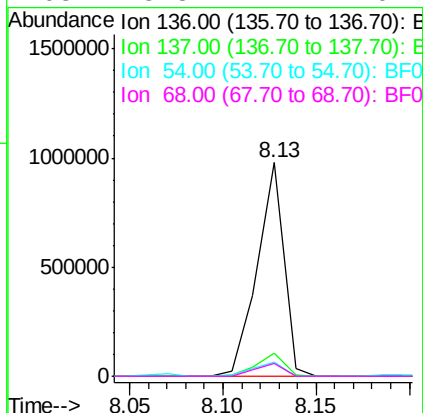
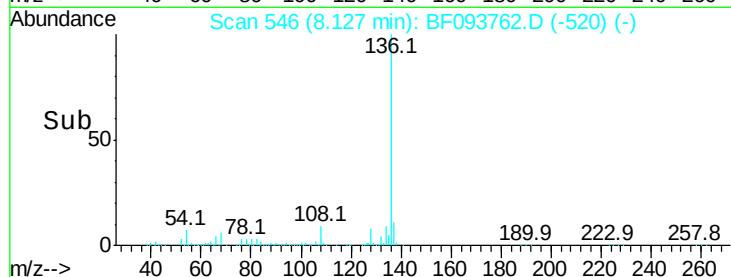
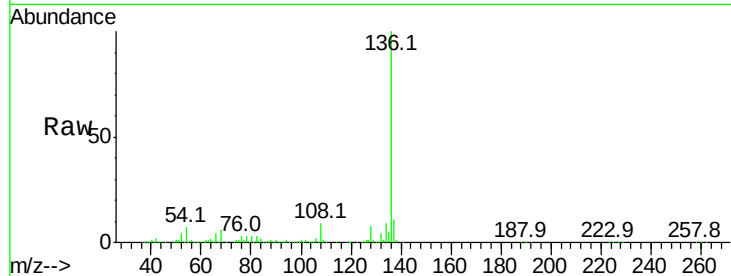




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

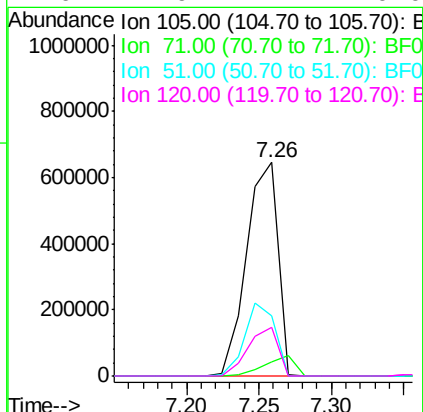
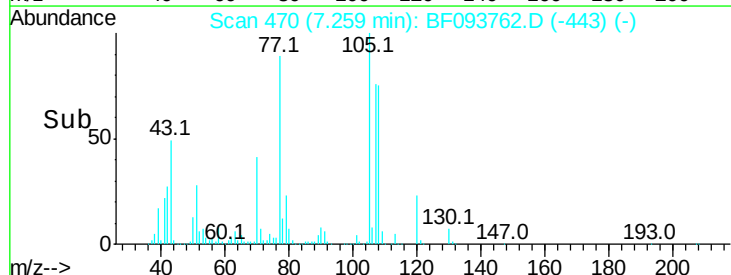
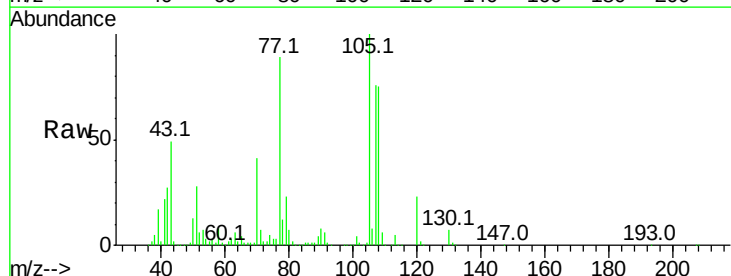
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

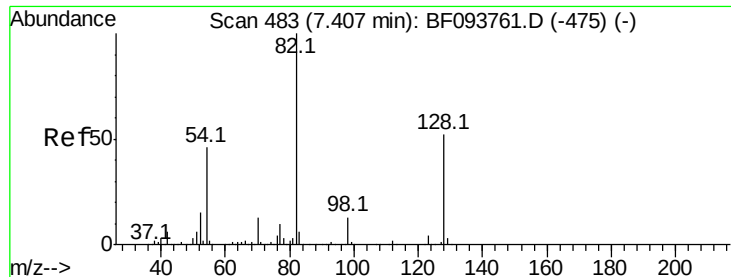
Tot Ion:136	Resp: 964891
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 6.7	4.9 7.3
68 5.8	4.1 6.1



#22
Acetophenone
Concen: 45.04 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt	Ion:105	Resp:	968287
Ion	Ratio	Lower	Upper
105	100		
71	6.7	2.8	4.2#
51	28.2	30.7	46.1#
120	22.9	17.4	26.0



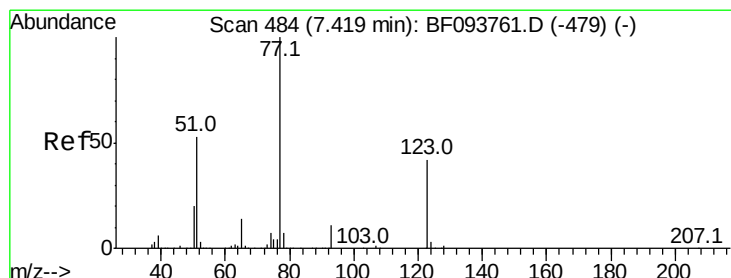
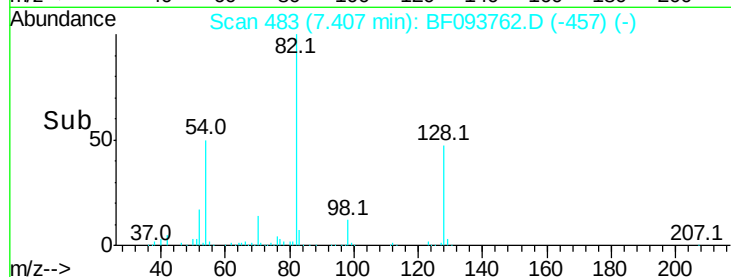
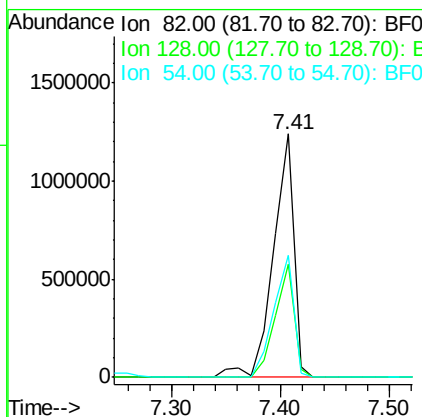
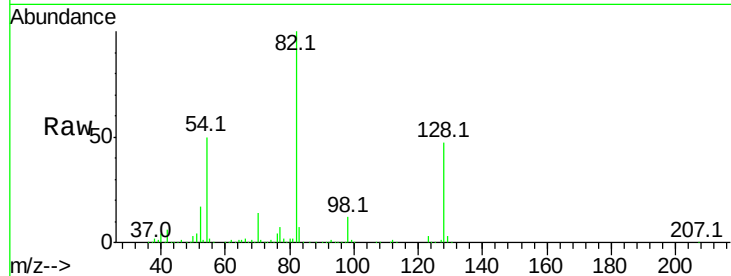


#23
 Nitrobenzene-d5
 Concen: 100.68 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1618551

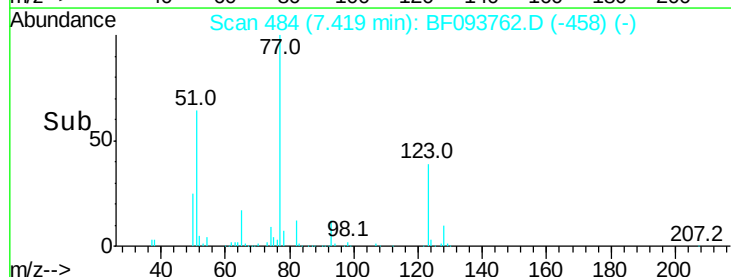
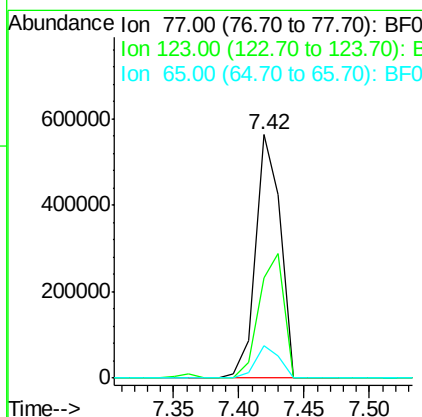
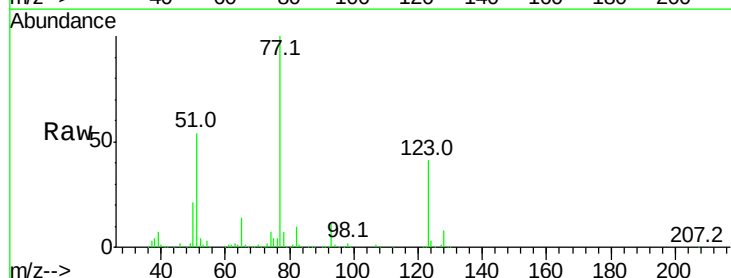
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	50.3	42.2	63.2

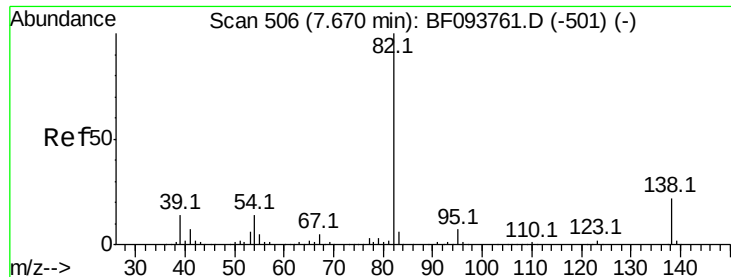


#24
 Nitrobenzene
 Concen: 42.84 ng
 RT: 7.42 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion: 77 Resp: 744515

Ion	Ratio	Lower	Upper
77	100		
123	41.4	35.8	53.8
65	13.6	10.6	15.8





#25

Isophorone

Concen: 47.22 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

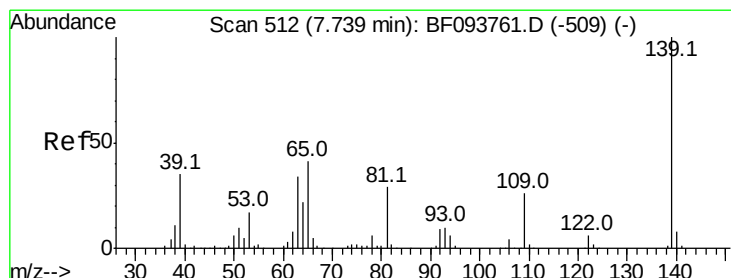
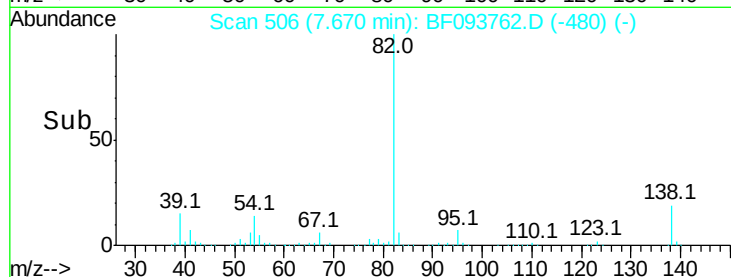
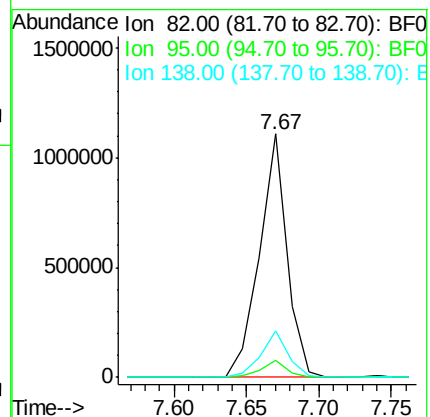
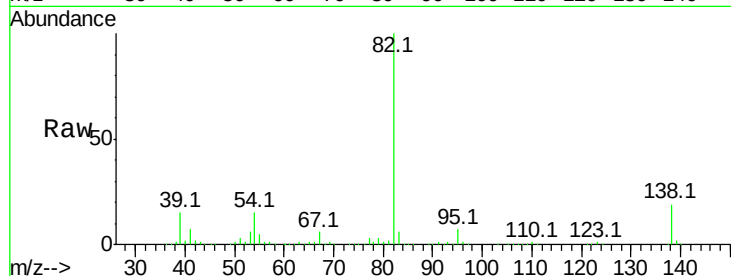
Tot Ion: 82 Resp: 1461135

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 58.33 ng

RT: 7.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

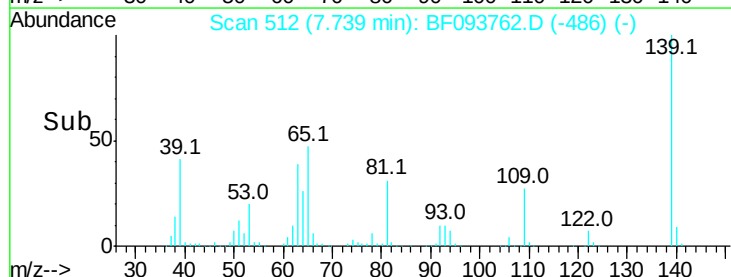
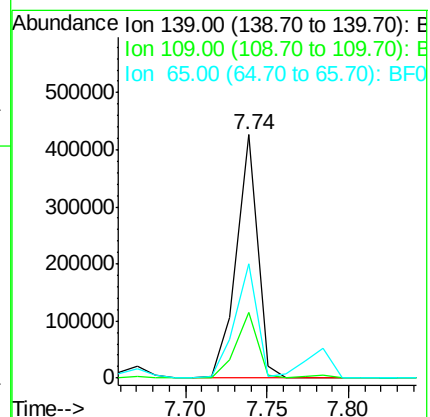
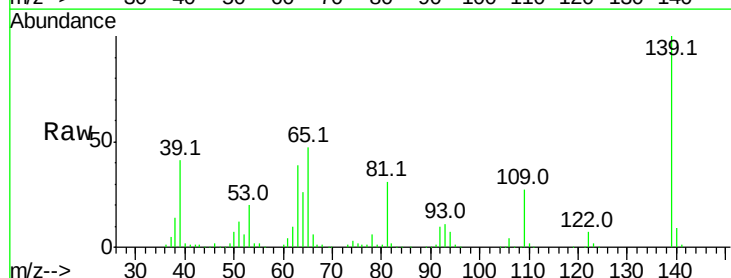
Tgt Ion: 139 Resp: 383809

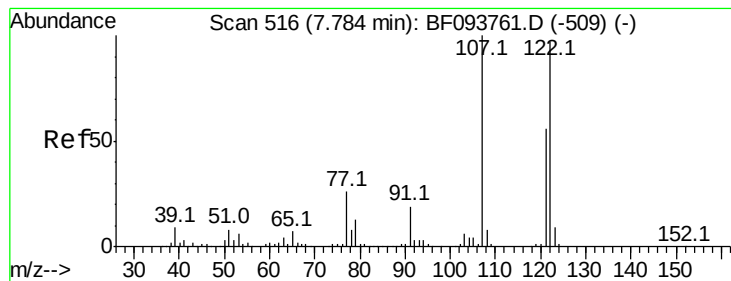
Ion Ratio Lower Upper

139 100

109 27.0 21.0 31.6

65 46.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.16 ng

RT: 7.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

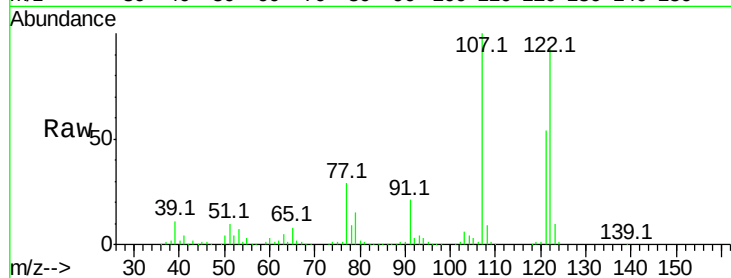
Tot Ion:122 Resp: 725166

Ion Ratio Lower Upper

122 100

107 108.1 89.2 133.8

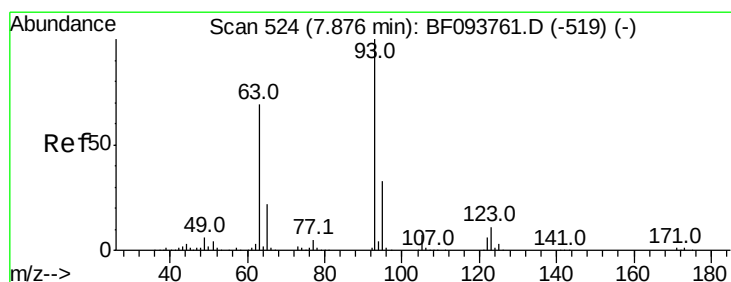
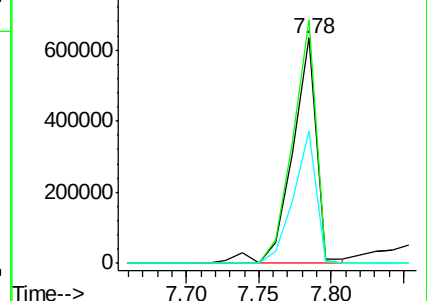
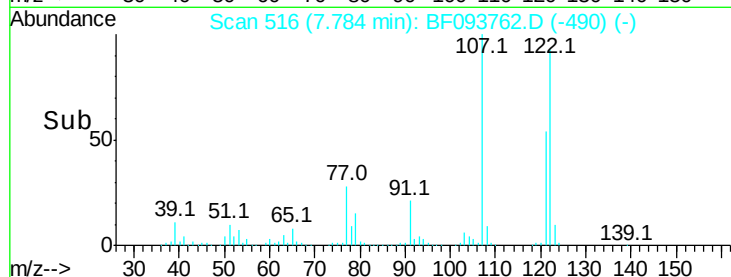
121 58.8 45.2 67.8



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: 43.84 ng

RT: 7.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

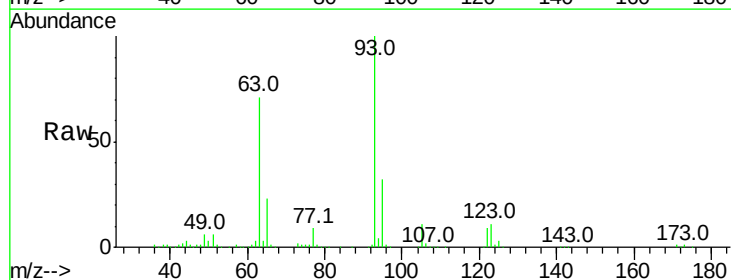
Tgt Ion: 93 Resp: 856395

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

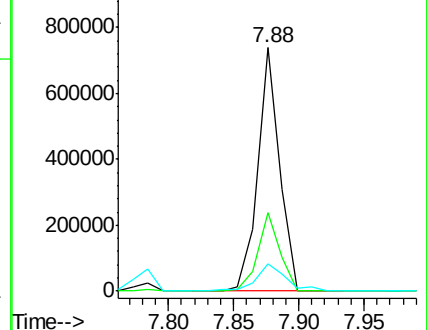
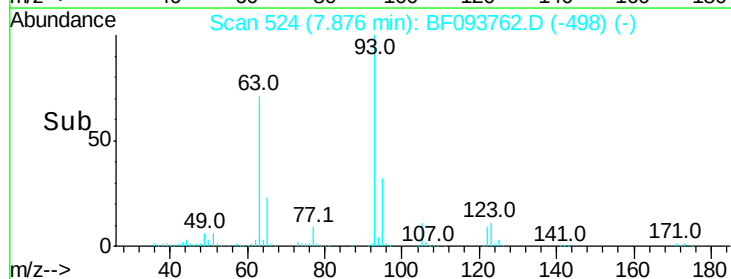
123 11.1 9.0 13.4

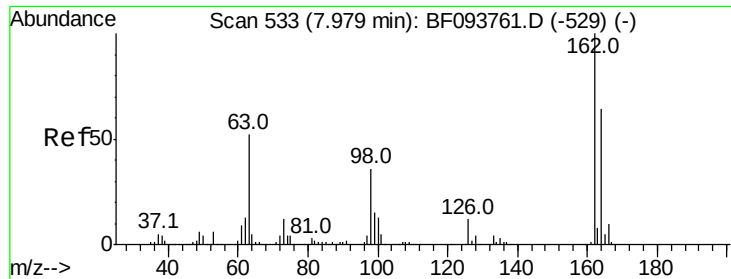


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

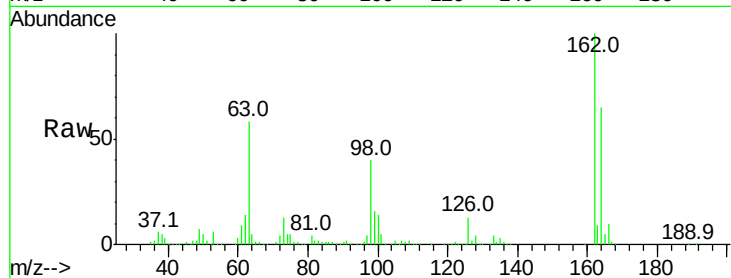




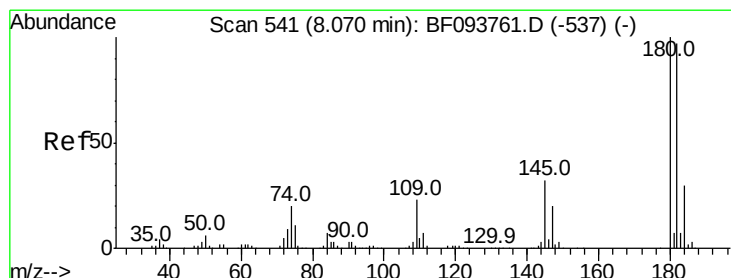
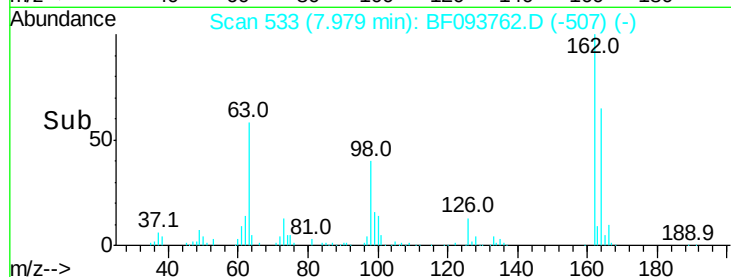
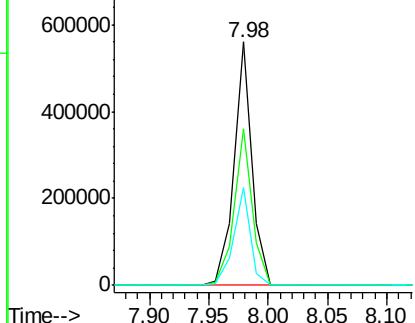
#29
 2,4-Dichlorophenol
 Concen: 45.49 ng
 RT: 7.98 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:162 Resp: 588488
 Ion Ratio Lower Upper
 162 100
 164 64.5 44.6 84.6
 98 39.9 14.8 54.8

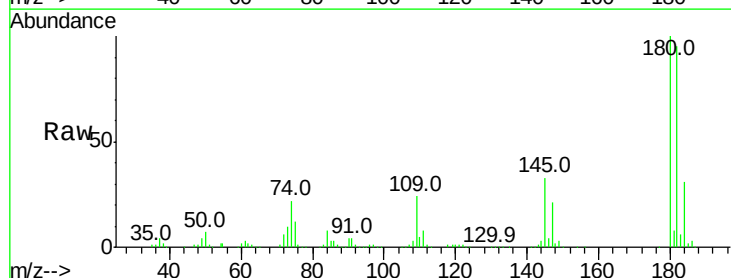


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

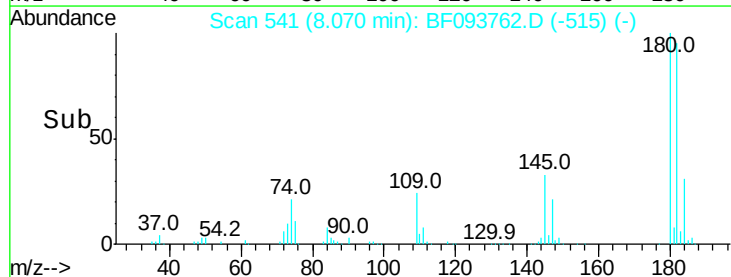
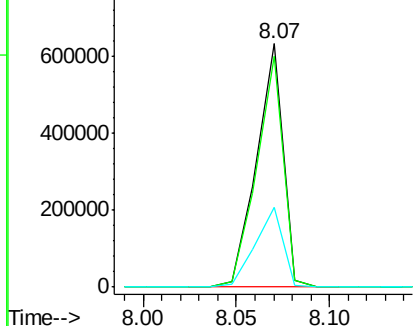


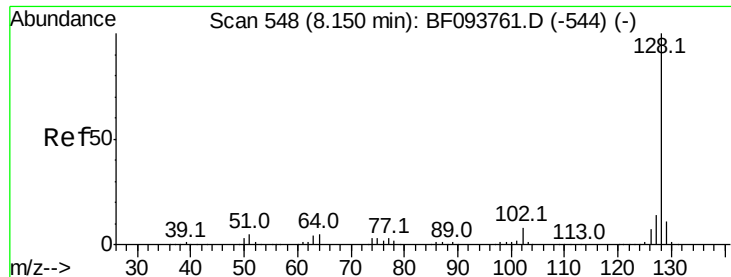
#30
 1,2,4-Trichlorobenzene
 Concen: 47.07 ng
 RT: 8.07 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:180 Resp: 634718
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.8 113.6
 145 32.7 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

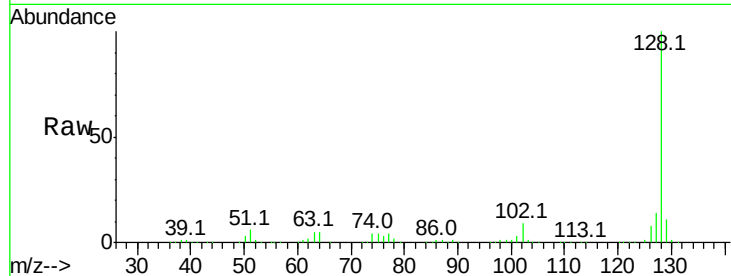




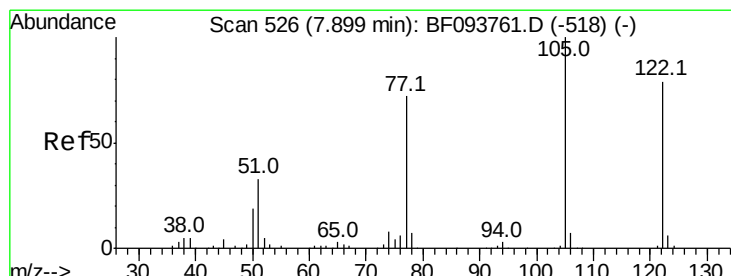
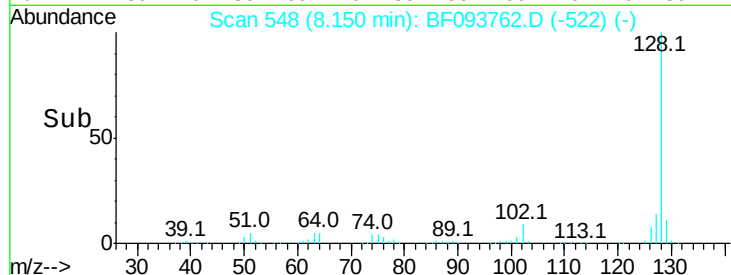
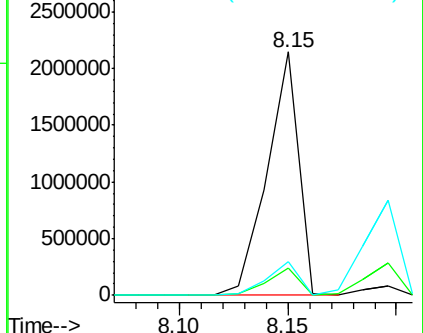
#31
Naphthalene
Concen: 46.33 ng
RT: 8.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:128 Resp: 2179535
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.9 10.8 16.2

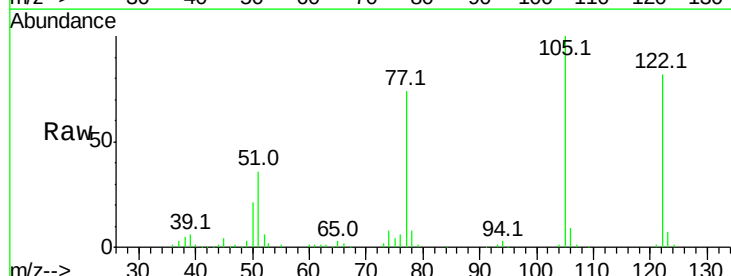


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

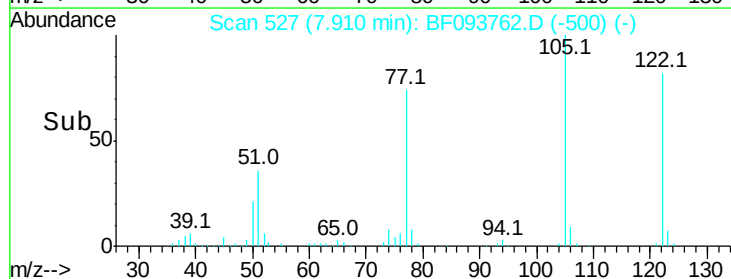
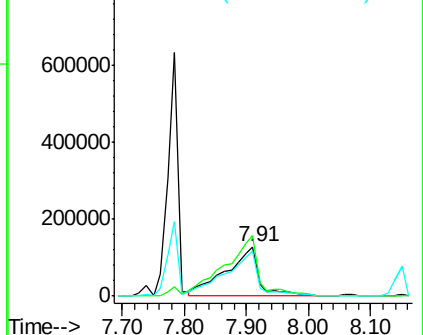


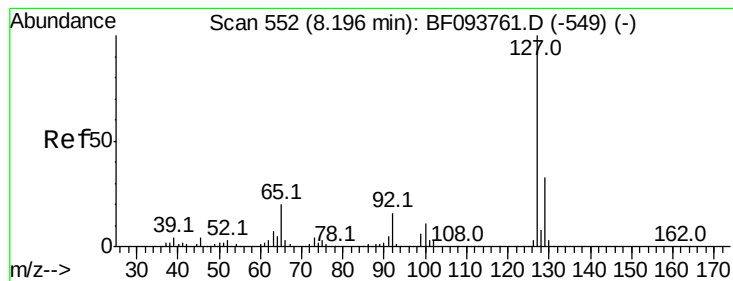
#32
Benzoic acid
Concen: 60.20 ng
RT: 7.91 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion:122 Resp: 474337
Ion Ratio Lower Upper
122 100
105 121.6 103.3 143.3
77 90.1 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: 47.53 ng

RT: 8.20 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:127 Resp: 936439

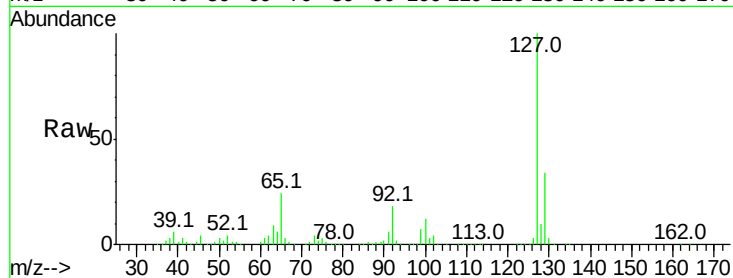
Ion Ratio Lower Upper

127 100

129 33.6 26.2 39.2

65 24.5 27.8 41.8#

92 17.7 16.8 25.2

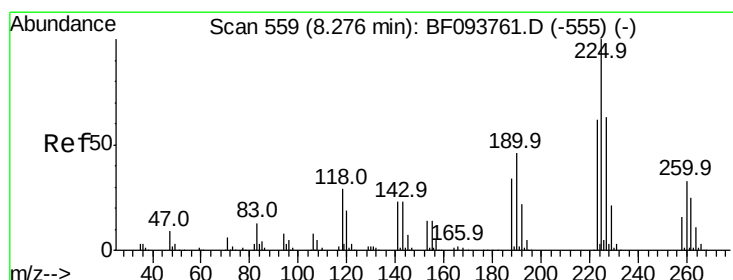
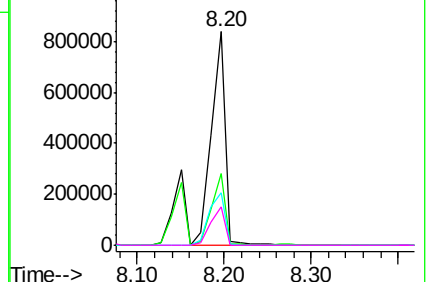
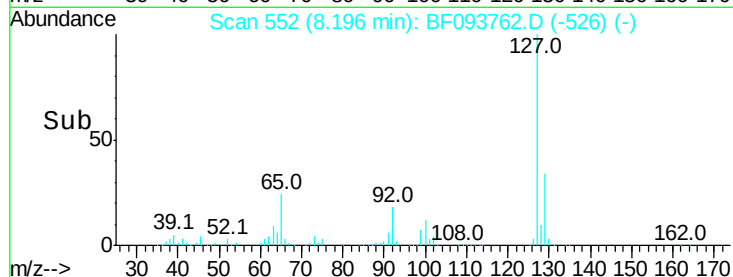


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 47.21 ng

RT: 8.28 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

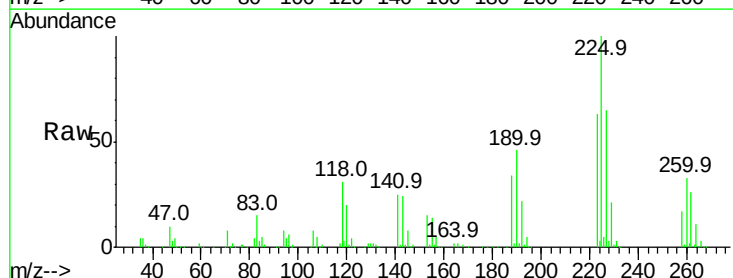
Tgt Ion:225 Resp: 333392

Ion Ratio Lower Upper

225 100

223 63.1 48.8 73.2

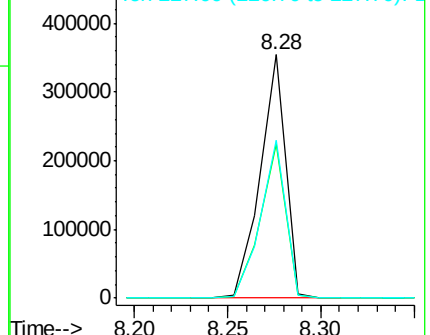
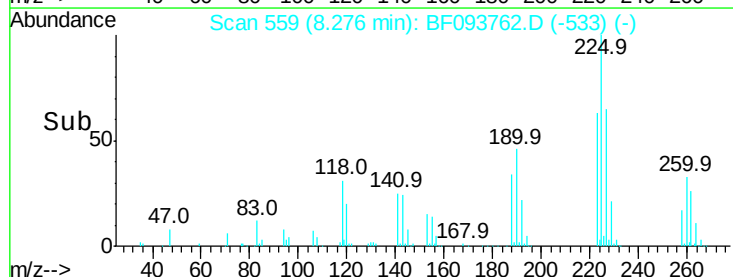
227 65.0 51.1 76.7

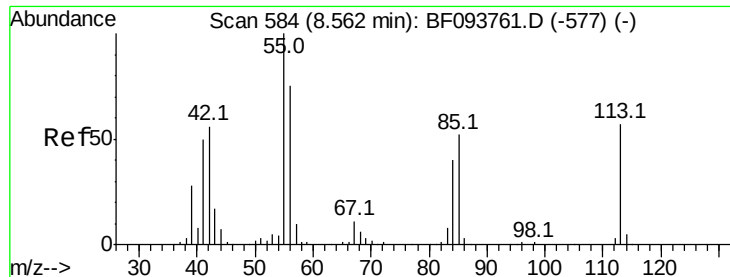


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

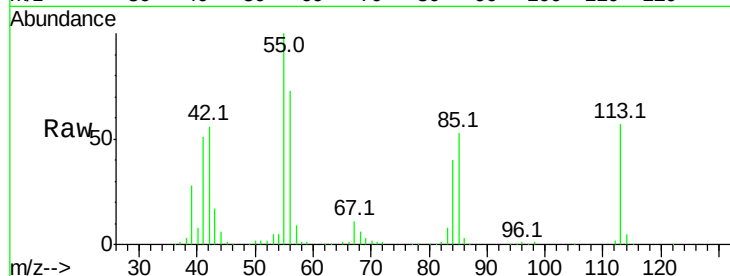




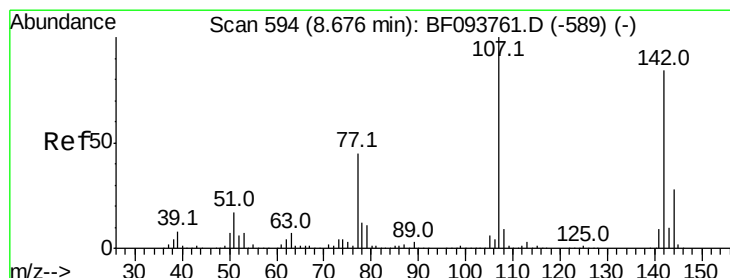
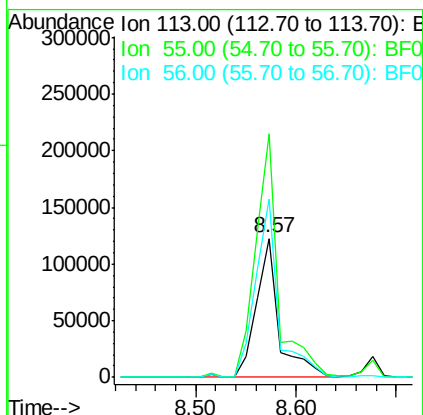
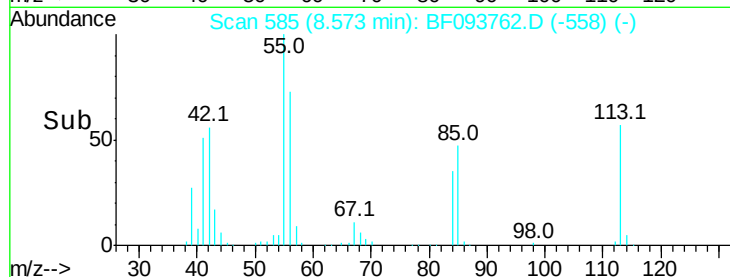
#35
Caprolactam
Concen: 44.51 ng
RT: 8.57 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:113 Resp: 193272
Ion Ratio Lower Upper
113 100
55 174.8 150.2 190.2
56 128.0 107.8 147.8

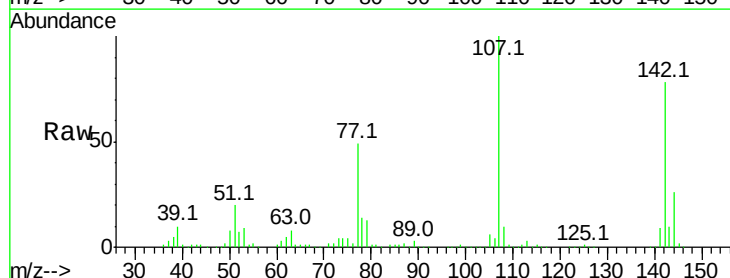


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

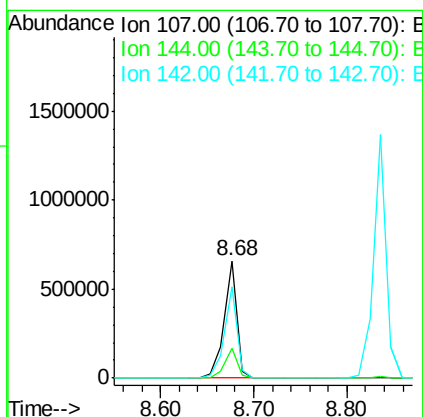
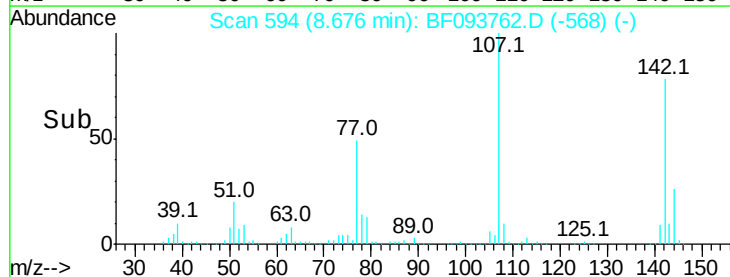


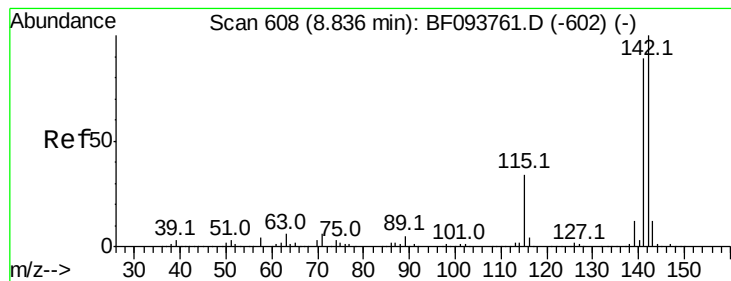
#36
4-Chloro-3-methylphenol
Concen: 45.48 ng
RT: 8.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion:107 Resp: 619507
Ion Ratio Lower Upper
107 100
144 25.7 24.2 36.4
142 78.3 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: 42.69 ng

RT: 8.84 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

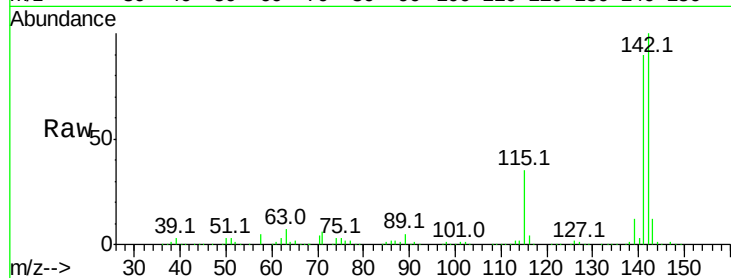
Tot Ion:142 Resp: 1300780

Ion Ratio Lower Upper

142 100

141 89.5 71.3 106.9

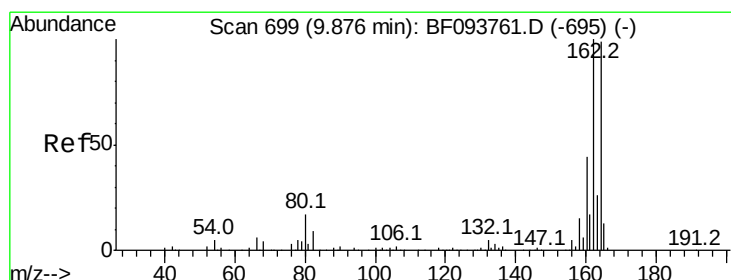
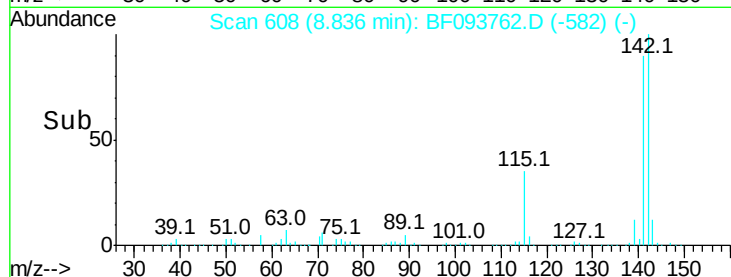
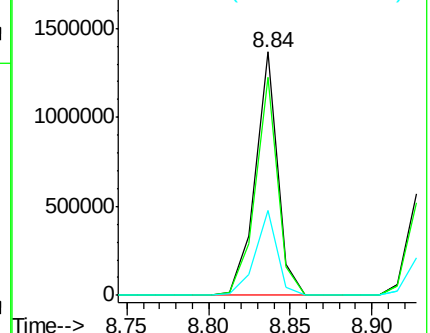
115 34.7 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

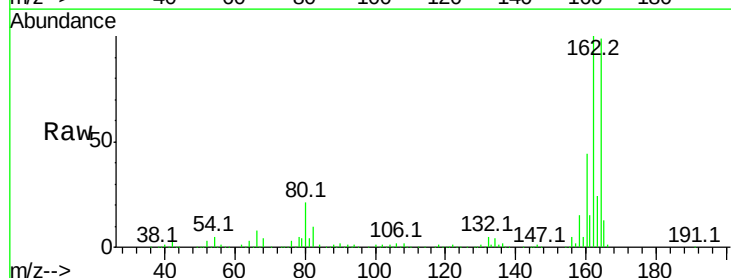
Tgt Ion:164 Resp: 431034

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

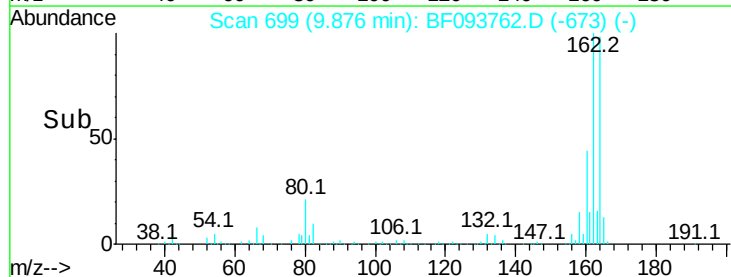
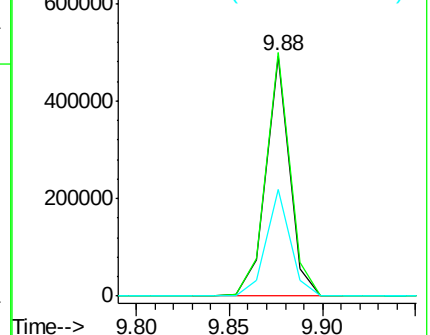
160 44.4 36.2 54.2

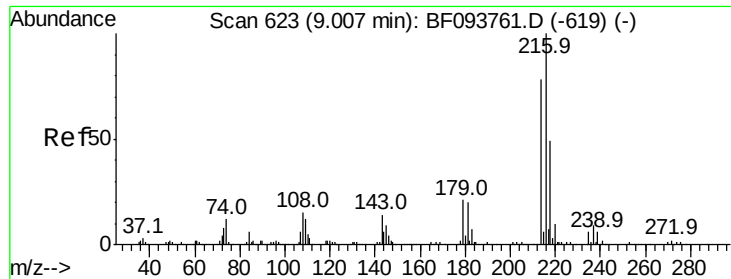


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

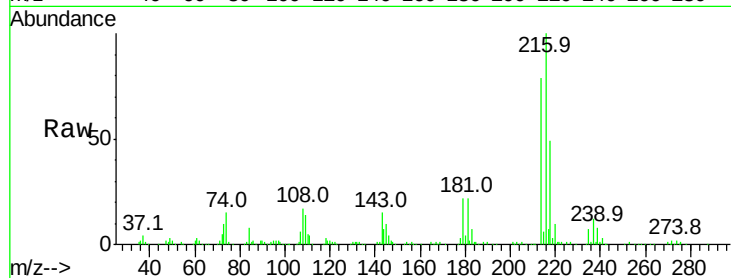




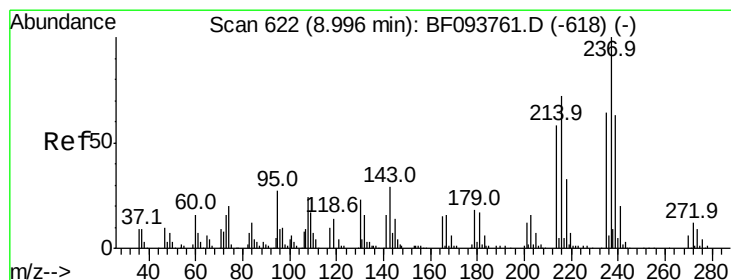
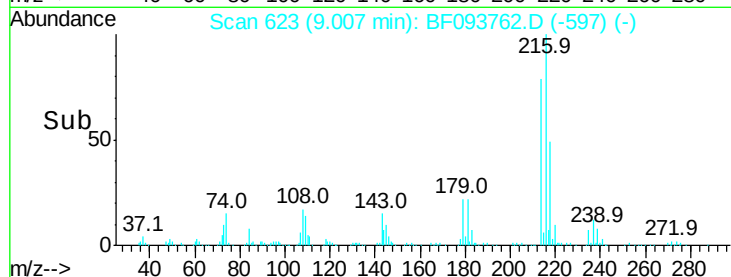
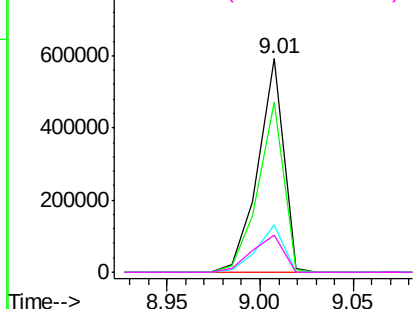
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.47 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	216	Resp:	559857
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	23.1	17.9	26.9
108	21.4	16.5	24.7

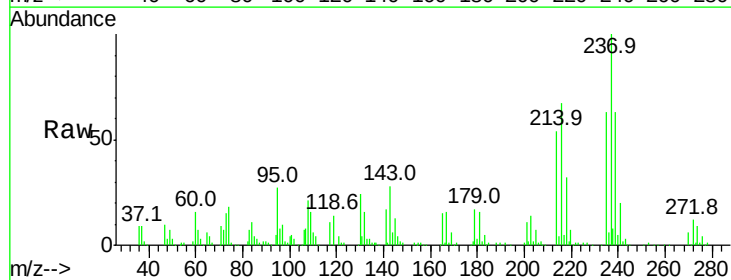


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

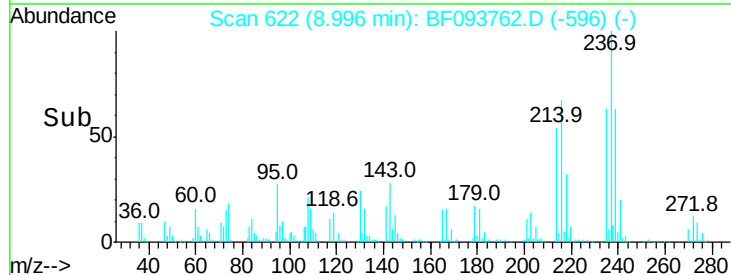
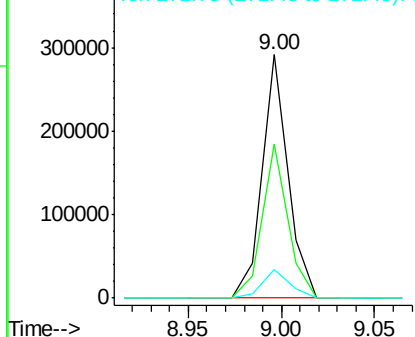


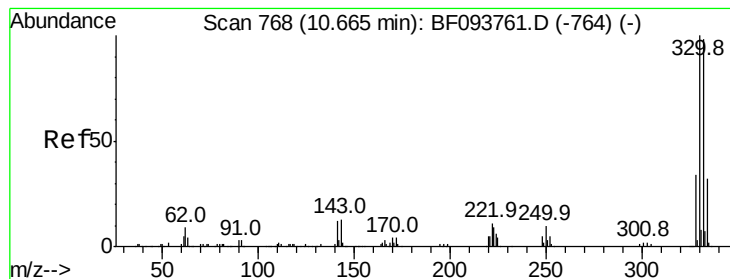
#40
 Hexachlorocyclopentadiene
 Concen: 54.95 ng
 RT: 9.00 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:	237	Resp:	277092
Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.6	82.6
272	11.7	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 121.52 ng

RT: 10.66 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

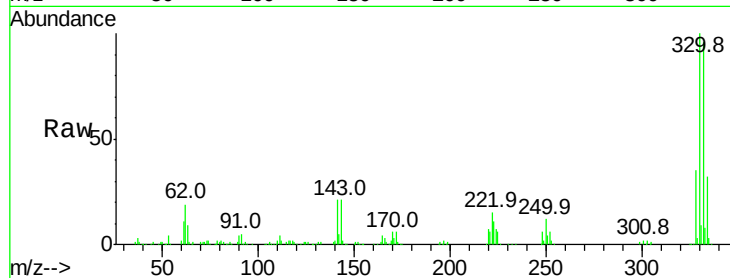
Tot Ion:330 Resp: 342806

Ion Ratio Lower Upper

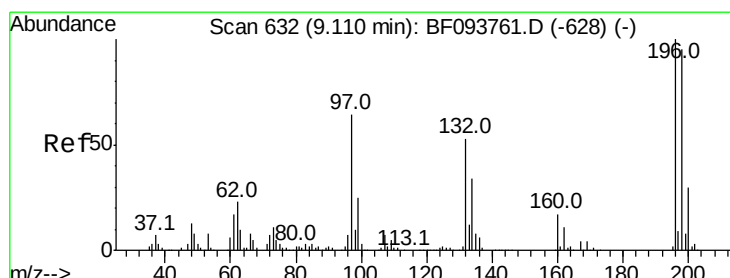
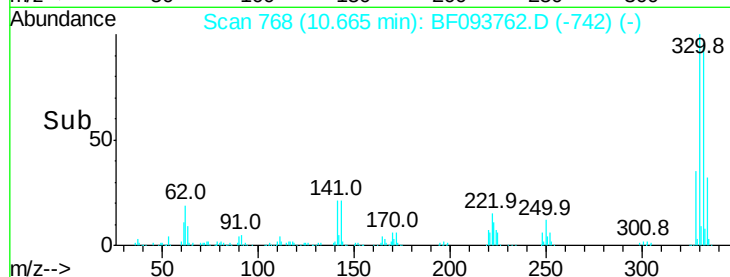
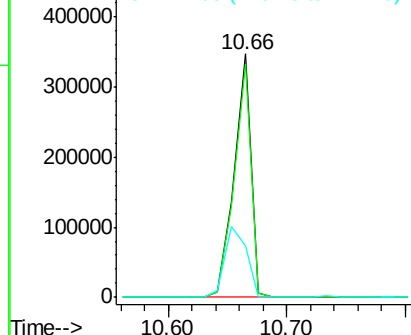
330 100

332 95.7 76.6 115.0

141 37.6 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: 55.45 ng

RT: 9.11 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

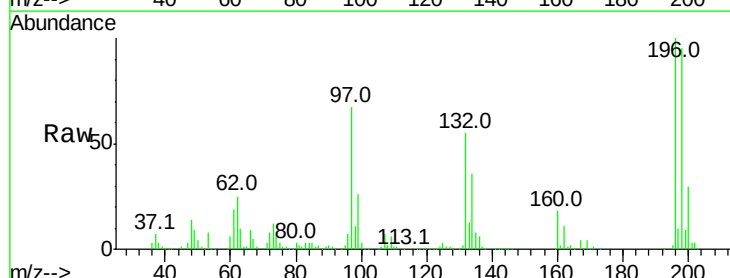
Tgt Ion:196 Resp: 412684

Ion Ratio Lower Upper

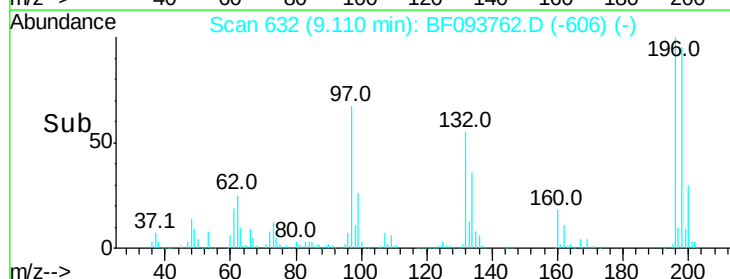
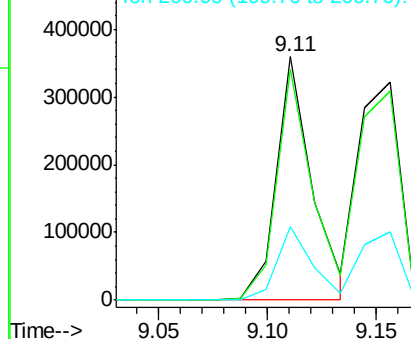
196 100

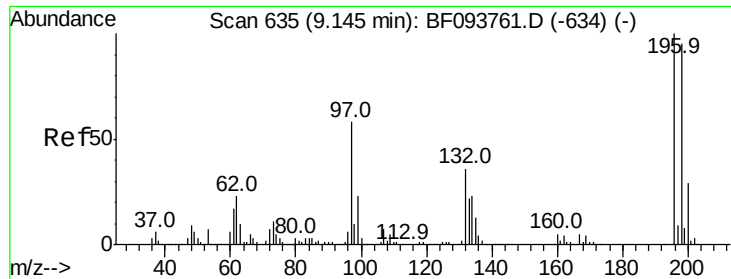
198 95.1 74.2 111.4

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

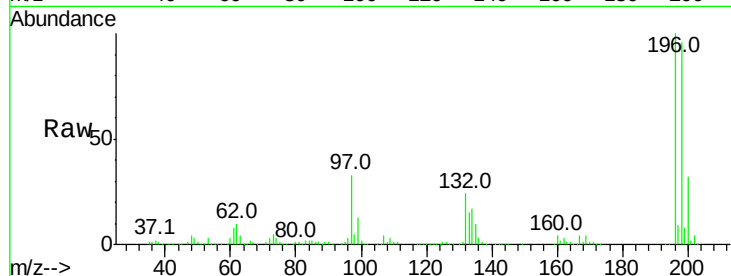




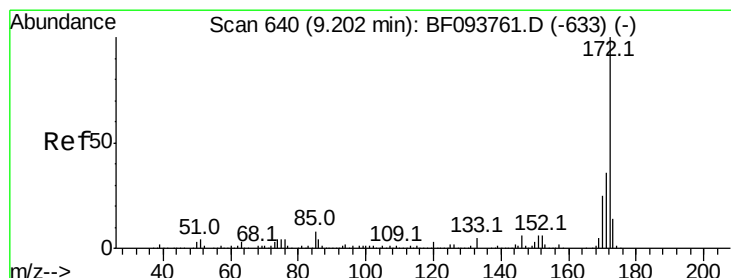
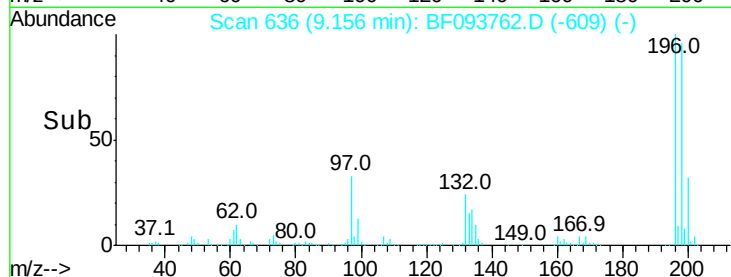
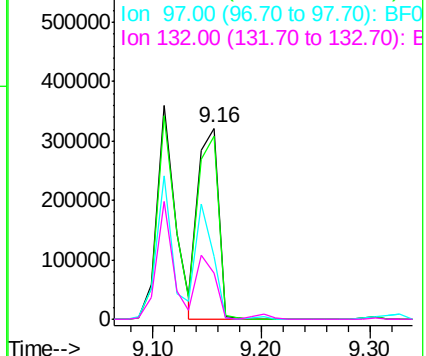
#43
 2,4,5-Trichlorophenol
 Concen: 55.06 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:196 Resp: 422493
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 97 32.9 47.7 71.5#
 132 24.2 28.0 42.0#

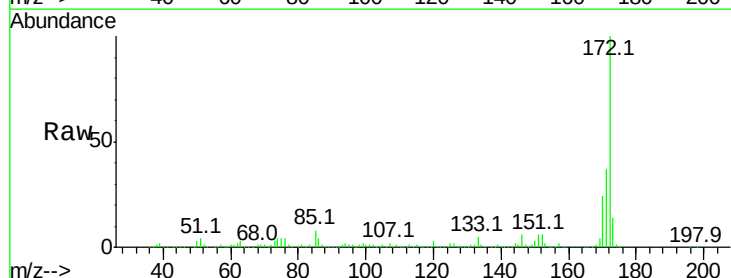


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

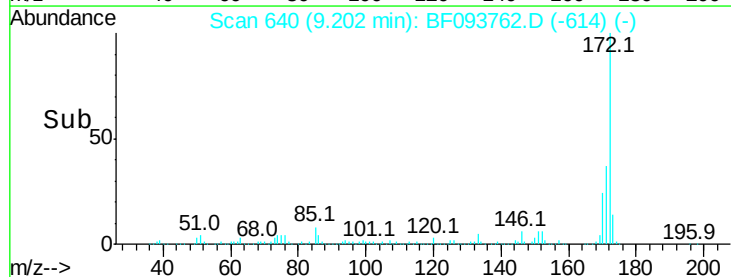
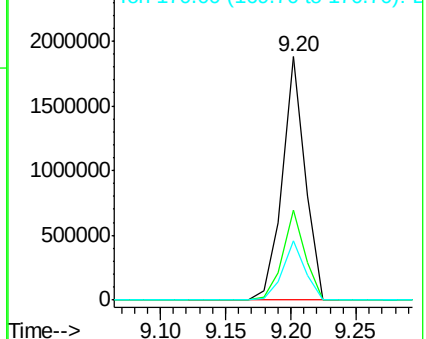


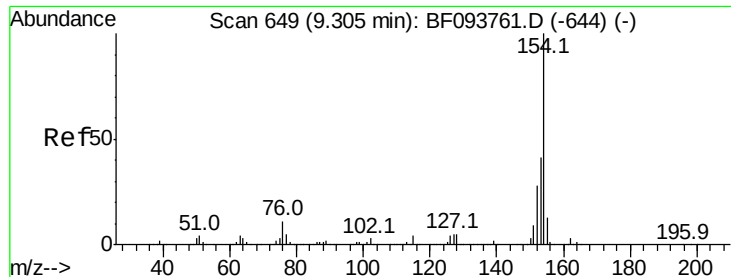
#44
 2-Fluorobiphenyl
 Concen: 100.77 ng
 RT: 9.20 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:172 Resp: 2301700
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.4 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

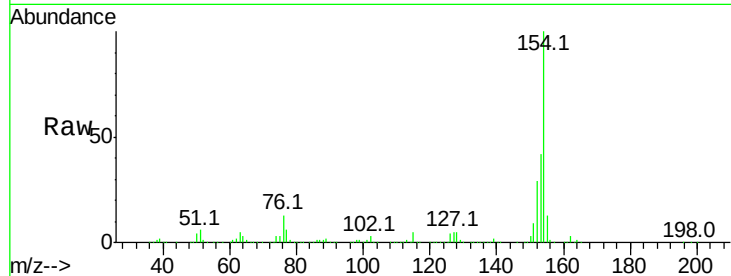




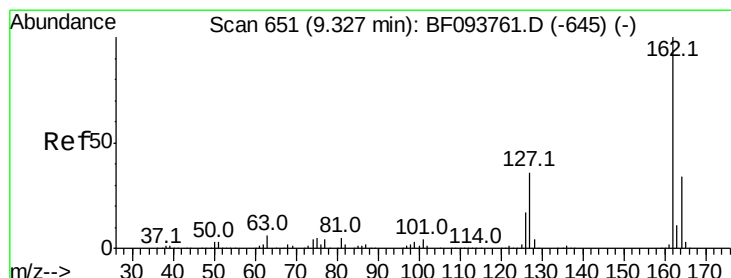
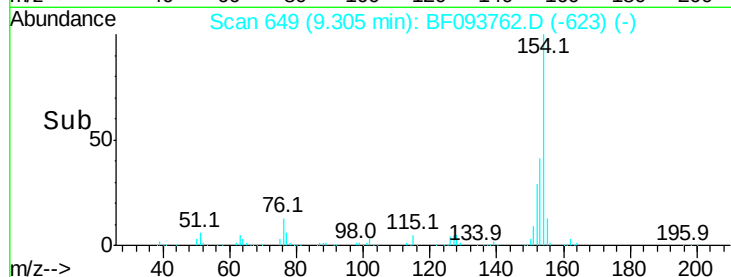
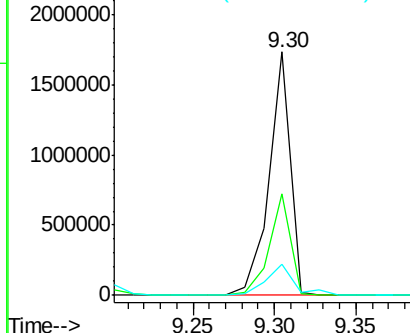
#45
 1,1'-Biphenyl
 Concen: 51.97 ng
 RT: 9.30 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:154 Resp: 1570719
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.2 61.2
 76 12.7 0.0 29.9

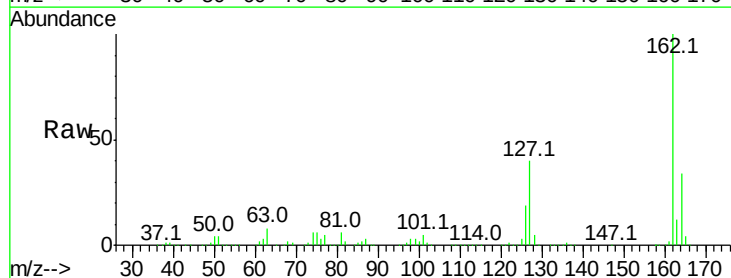


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

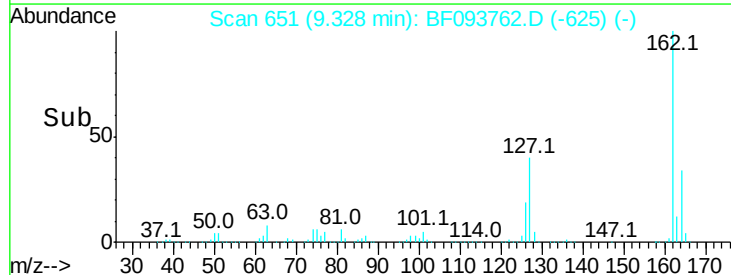
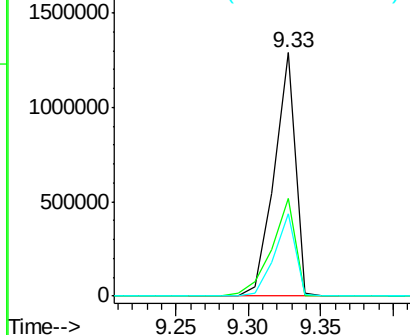


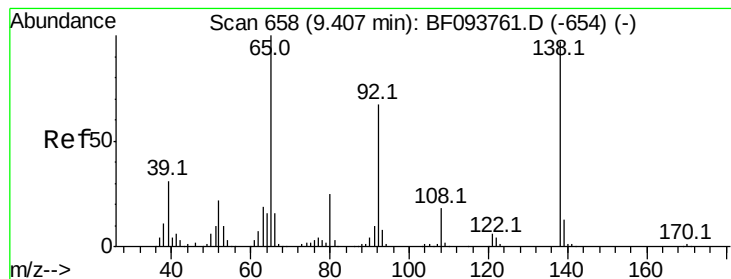
#46
 2-Chloronaphthalene
 Concen: 53.87 ng
 RT: 9.33 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:162 Resp: 1306389
 Ion Ratio Lower Upper
 162 100
 127 40.1 28.3 42.5
 164 33.7 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: 58.25 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.01 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

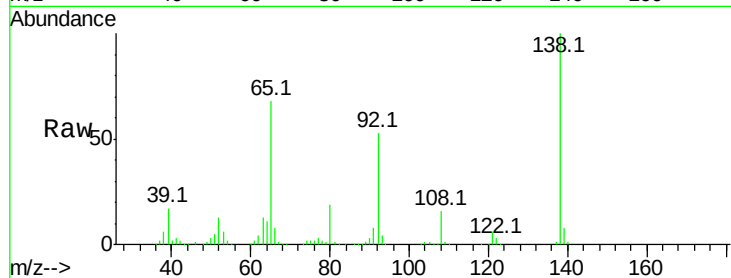
Tot Ion: 65 Resp: 408691

Ion Ratio Lower Upper

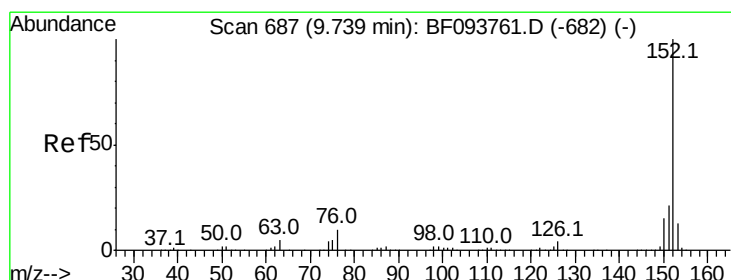
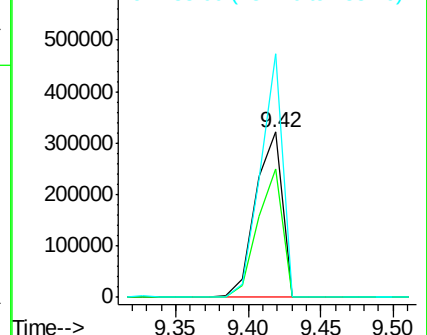
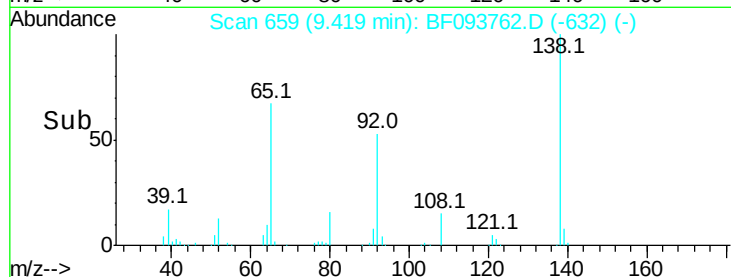
65 100

92 78.1 53.9 80.9

138 147.6 78.8 118.2#



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



#48

Acenaphthylene

Concen: 49.65 ng

RT: 9.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

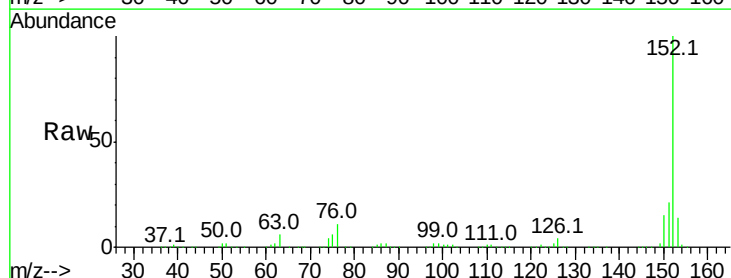
Tgt Ion: 152 Resp: 1963410

Ion Ratio Lower Upper

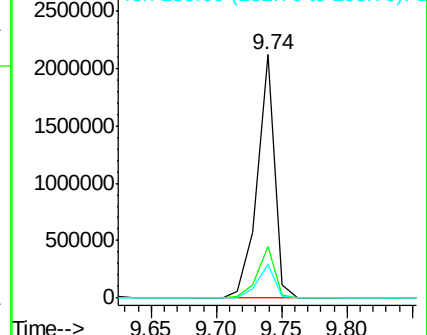
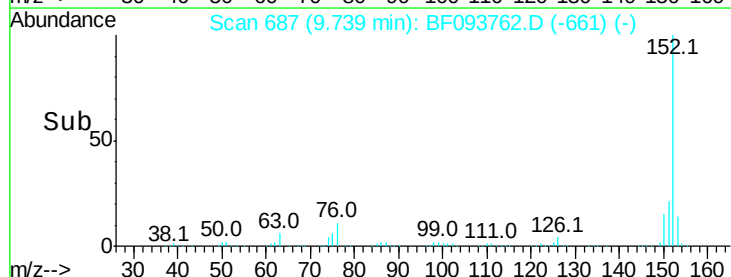
152 100

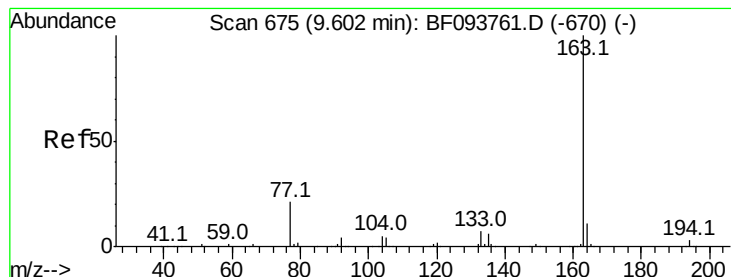
151 21.2 16.8 25.2

153 13.8 10.8 16.2



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





#49

Dimethylphthalate

Concen: 51.92 ng

RT: 9.60 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

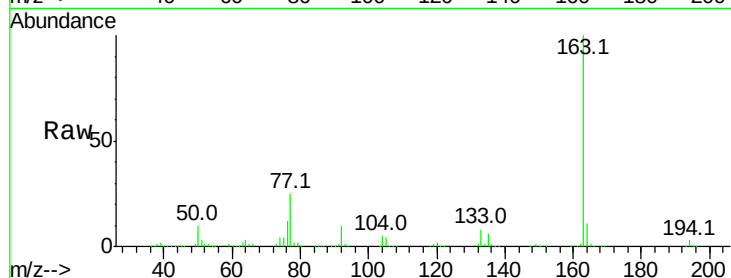
Tot Ion:163 Resp: 1461624

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

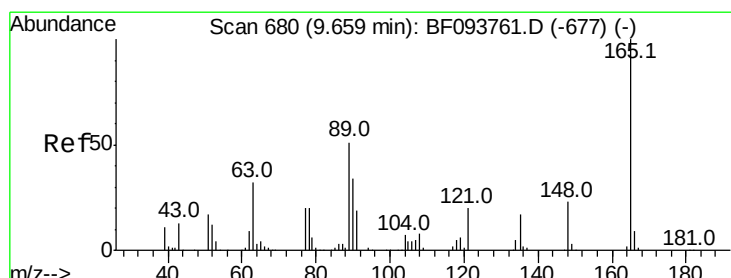
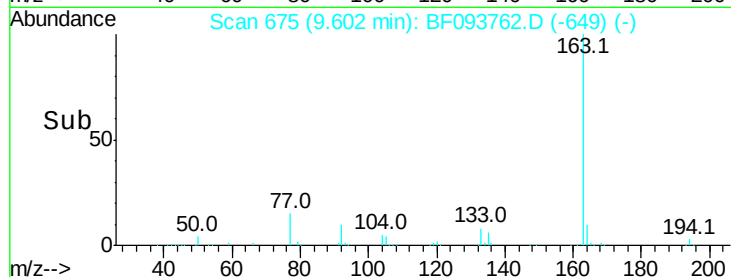
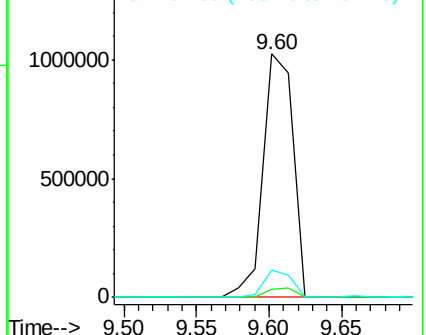
164 11.1 8.4 12.6



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: 51.82 ng

RT: 9.66 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

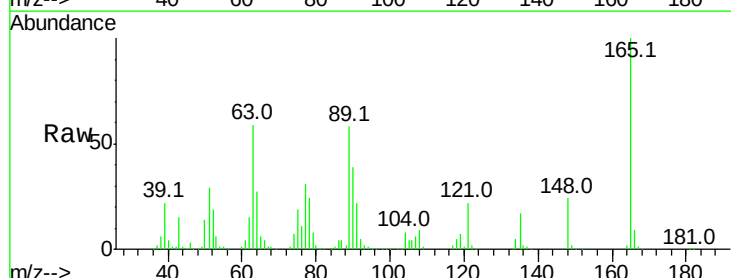
Tgt Ion:165 Resp: 315126

Ion Ratio Lower Upper

165 100

63 59.5 34.3 51.5#

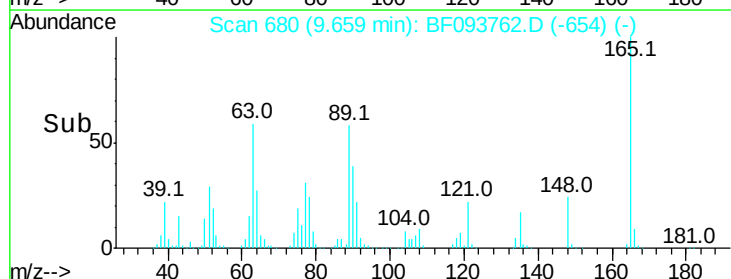
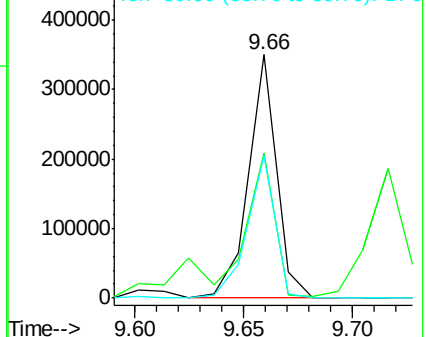
89 58.5 37.1 55.7#

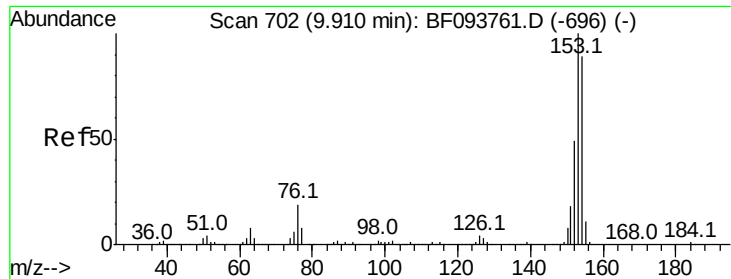


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.41 ng

RT: 9.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

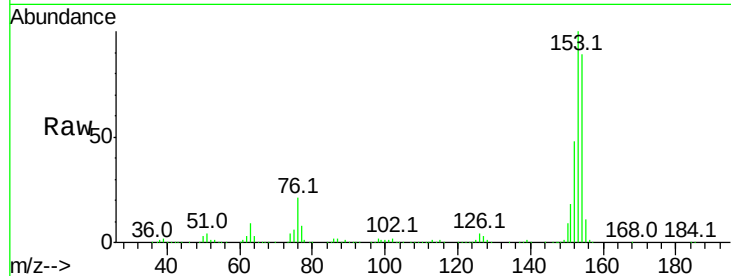
Tot Ion:154 Resp: 1151662

Ion Ratio Lower Upper

154 100

153 112.2 90.5 135.7

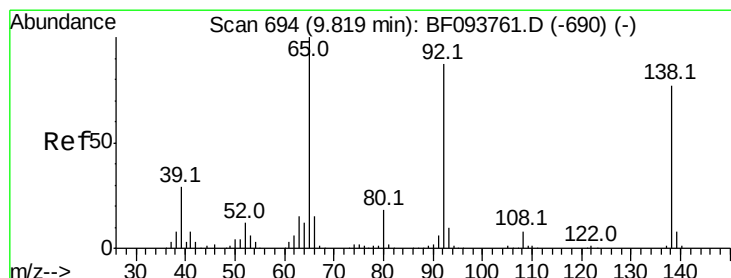
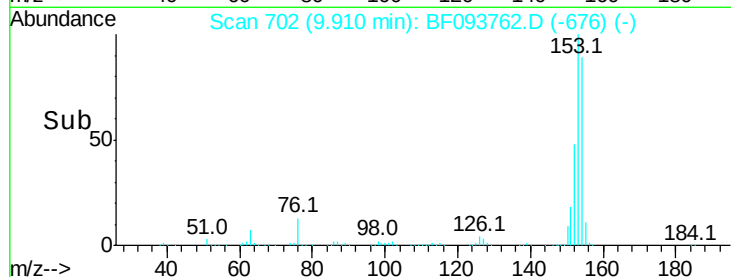
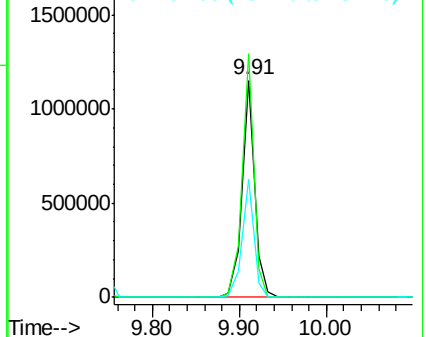
152 54.2 43.6 65.4



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: 60.68 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

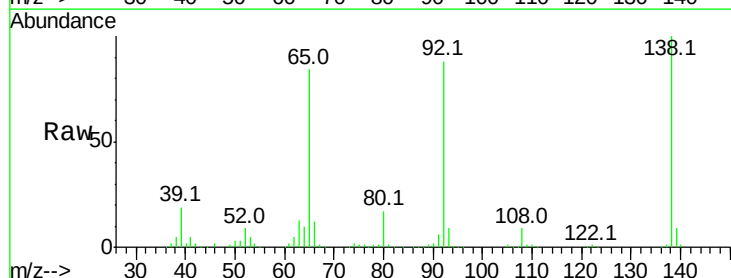
Tgt Ion:138 Resp: 437844

Ion Ratio Lower Upper

138 100

108 9.3 9.1 13.7

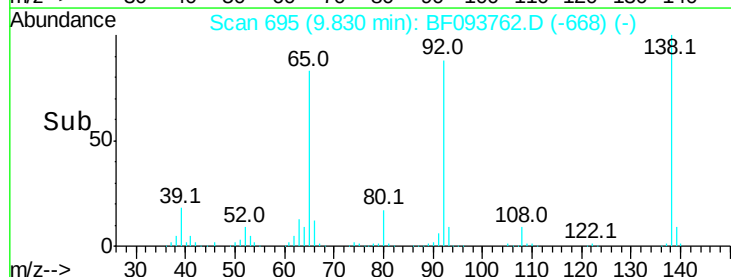
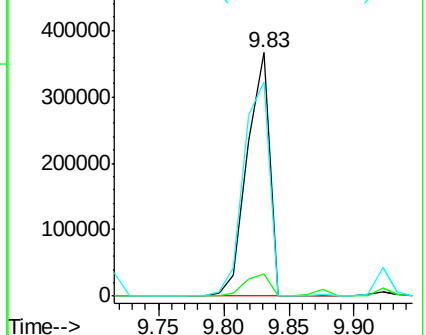
92 88.2 93.8 140.6#

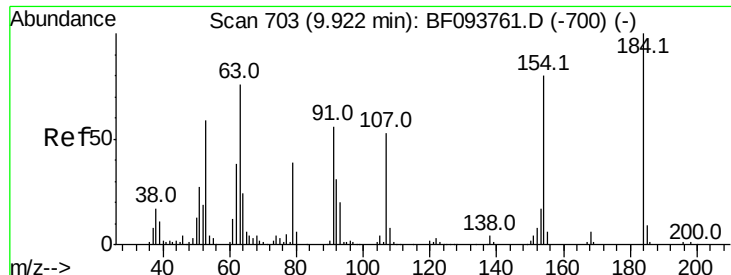


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

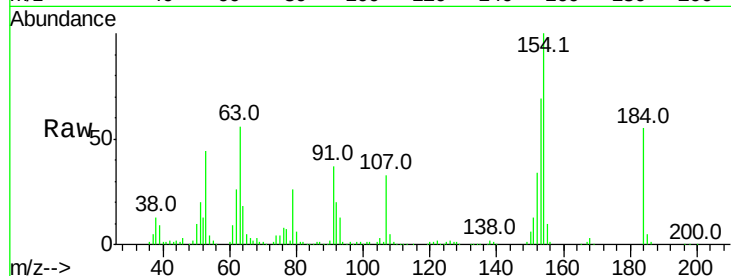




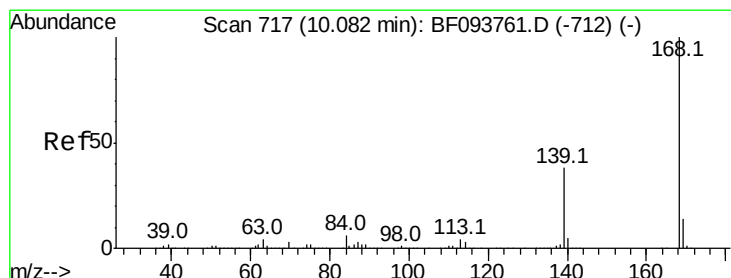
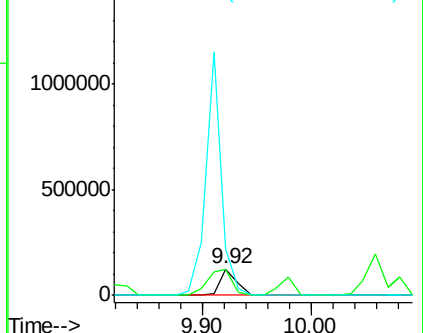
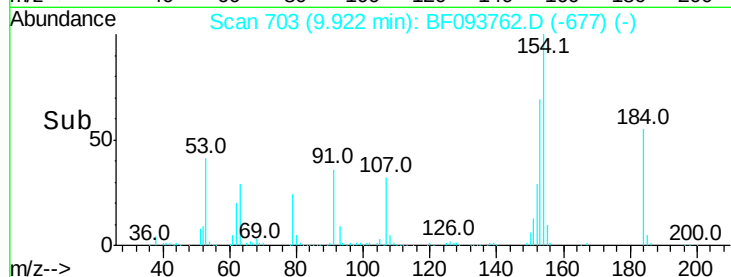
#53
 2,4-Dinitrophenol
 Concen: 73.45 ng
 RT: 9.92 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:184 Resp: 133103
 Ion Ratio Lower Upper
 184 100
 63 100.6 62.7 94.1#
 154 180.9 81.1 121.7#

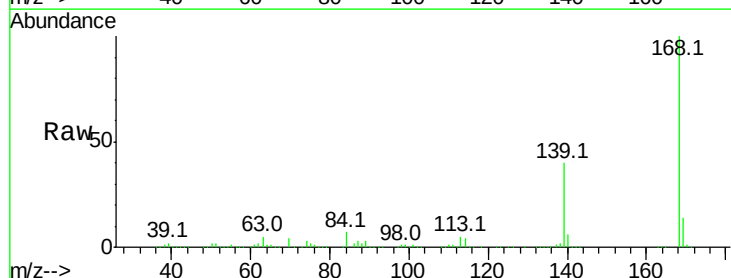


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

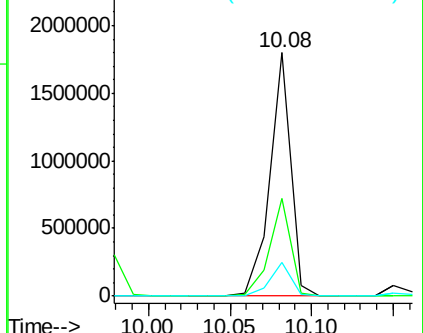
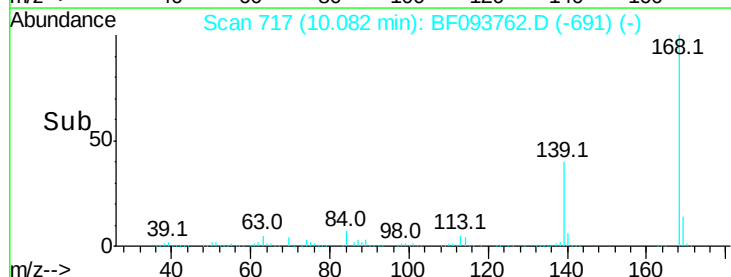


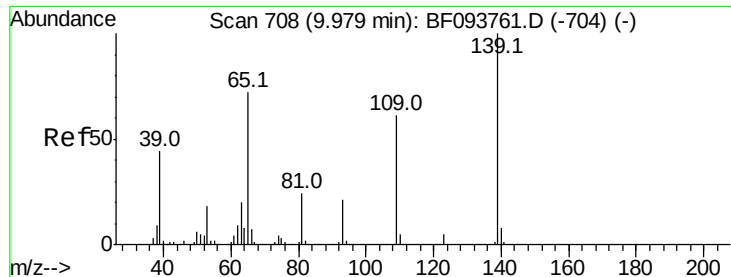
#54
 Dibenzofuran
 Concen: 50.94 ng
 RT: 10.08 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:168 Resp: 1614137
 Ion Ratio Lower Upper
 168 100
 139 39.9 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: 54.26 ng

RT: 9.98 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

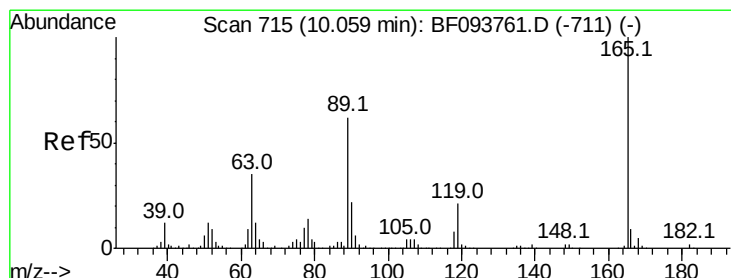
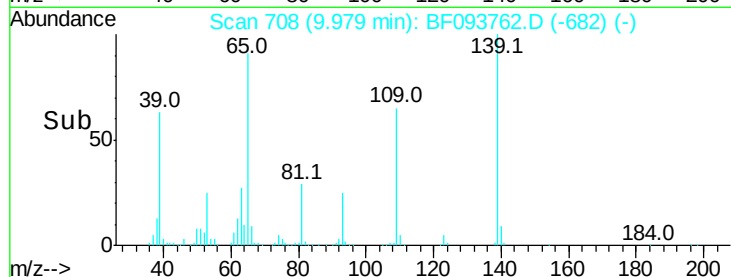
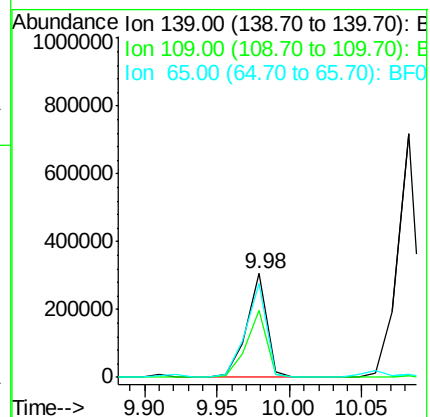
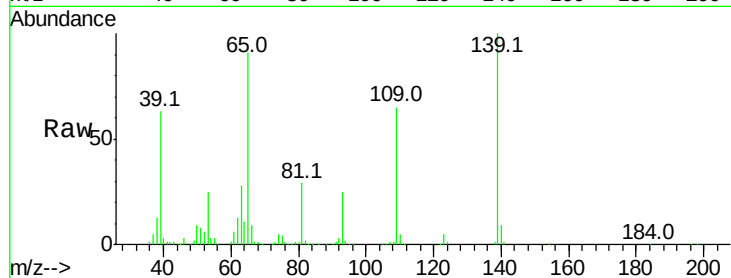
Tot Ion:139 Resp: 295356

Ion Ratio Lower Upper

139 100

109 64.9 34.1 74.1

65 90.7 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 50.86 ng

RT: 10.06 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Tgt Ion:165 Resp: 411724

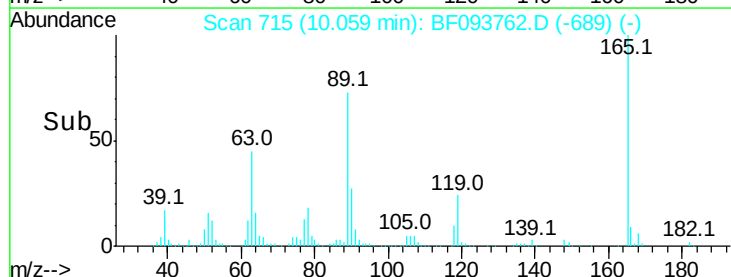
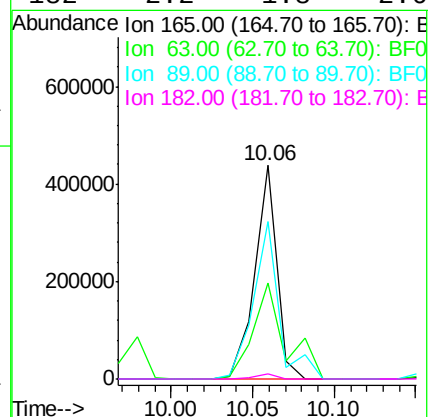
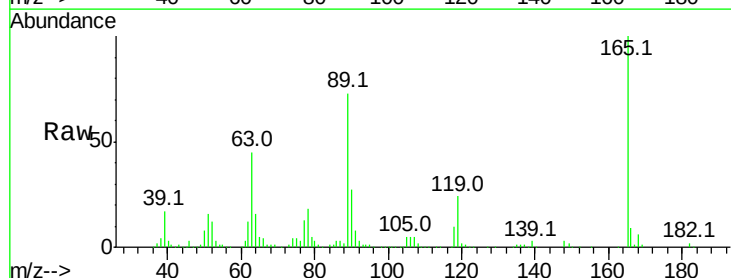
Ion Ratio Lower Upper

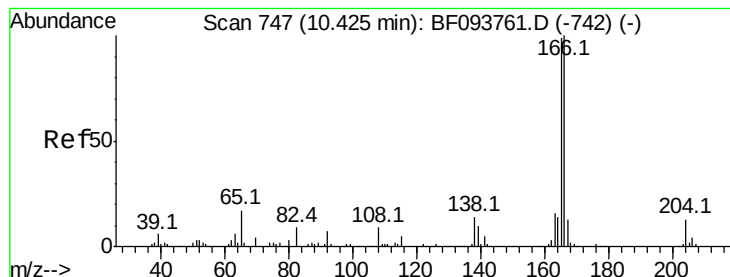
165 100

63 45.2 25.4 38.0#

89 73.4 46.4 69.6#

182 2.2 1.8 2.6





#57

Fluorene

Concen: 48.47 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

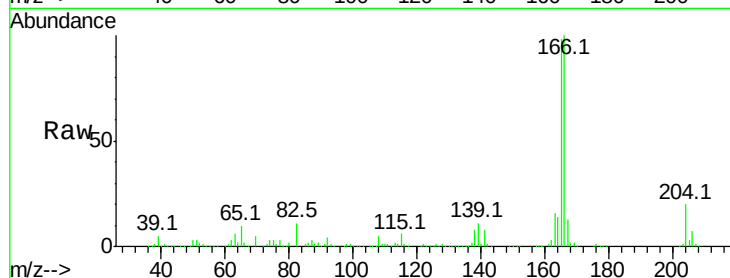
Tot Ion:166 Resp: 1245806

Ion Ratio Lower Upper

166 100

165 98.3 78.8 118.2

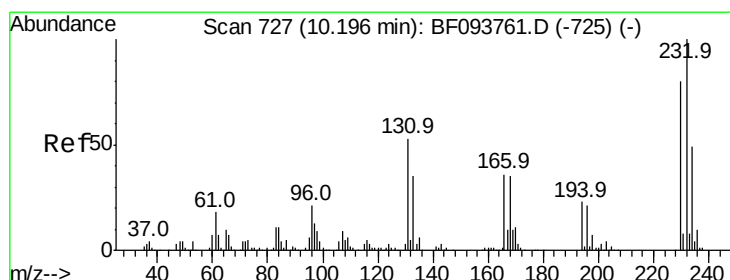
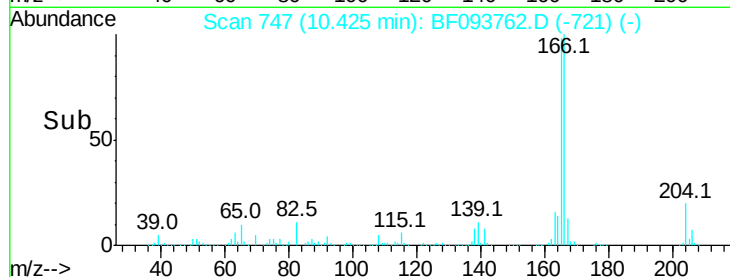
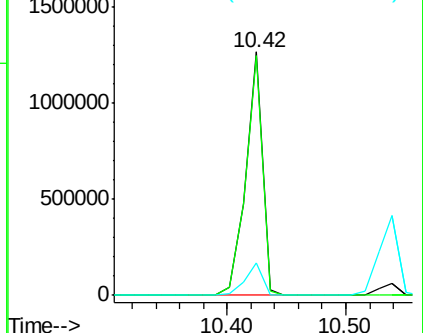
167 13.3 10.6 16.0



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: 52.98 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Tgt Ion:232 Resp: 279537

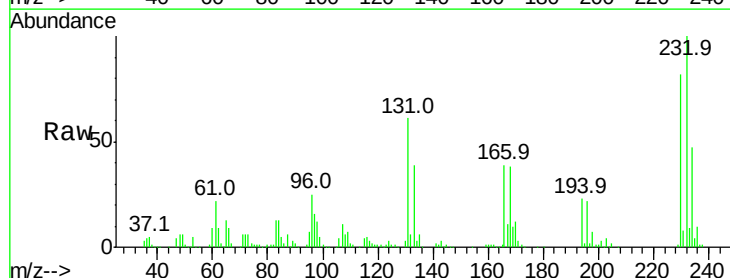
Ion Ratio Lower Upper

232 100

131 58.9 44.8 67.2

130 2.9 2.3 3.5

166 38.0 29.0 43.4

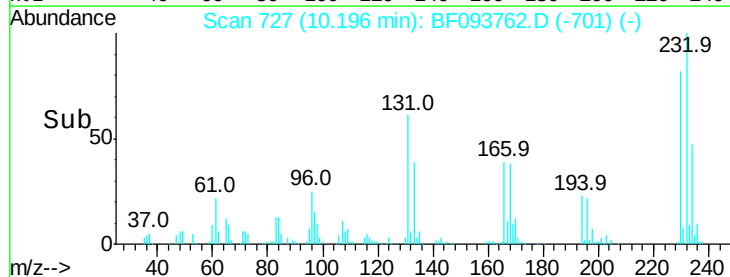
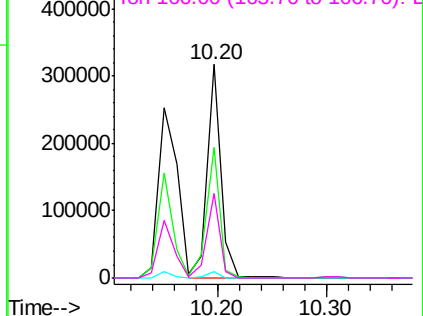


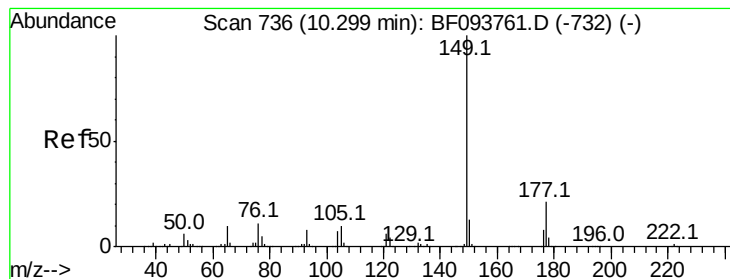
Abundance Ion 232.00 (231.70 to 232.70): E

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: 53.15 ng

RT: 10.30 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

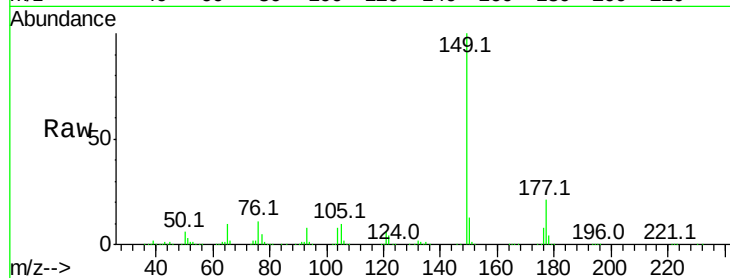
Tot Ion:149 Resp: 1424306

Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

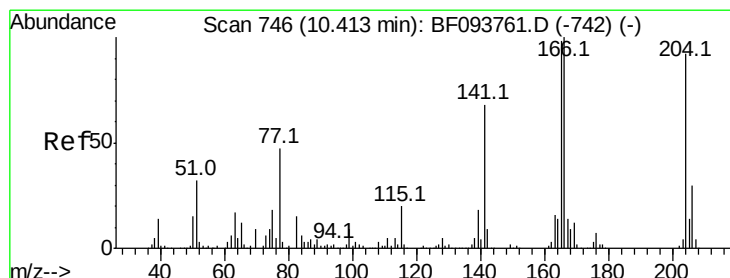
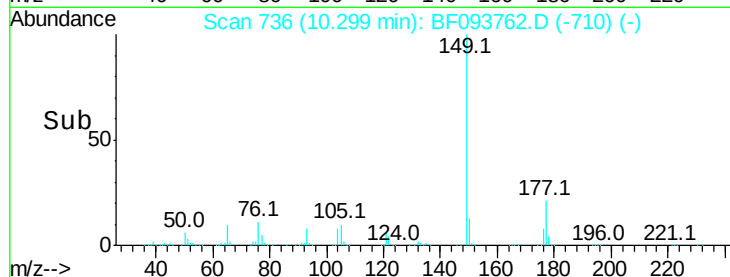
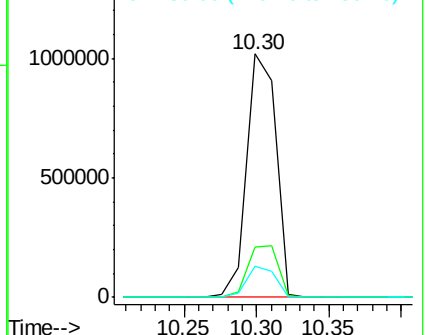
150 13.0 10.2 15.2



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: 47.01 ng

RT: 10.41 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

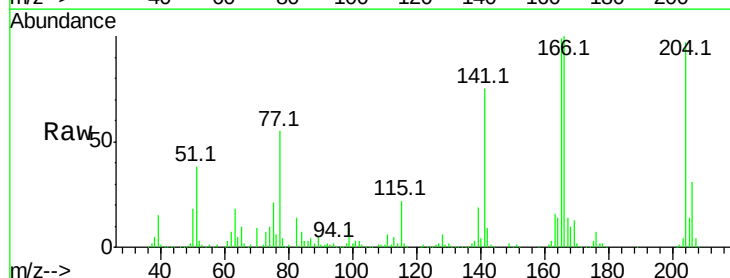
Tgt Ion:204 Resp: 509067

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

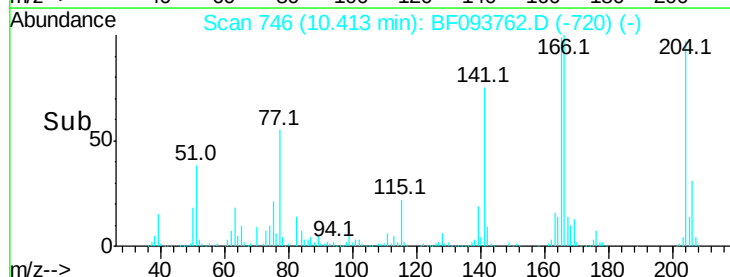
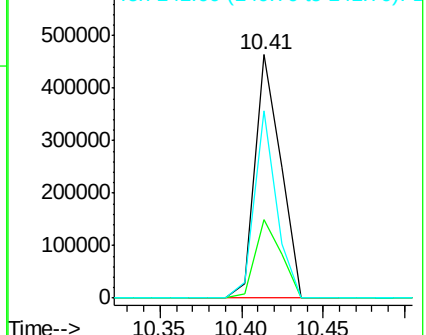
141 77.0 60.8 91.2

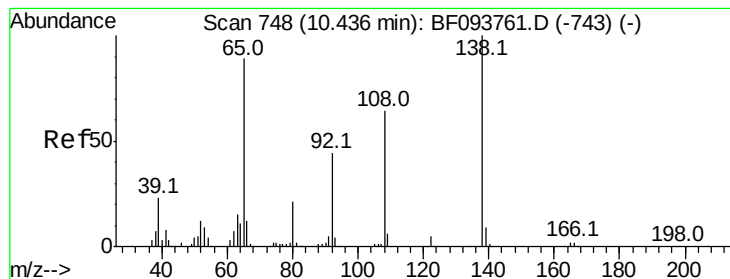


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 47.80 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

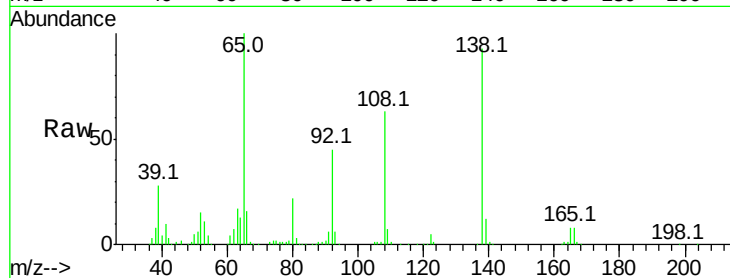
Tot Ion:138 Resp: 320945

Ion Ratio Lower Upper

138 100

92 48.2 21.8 61.8

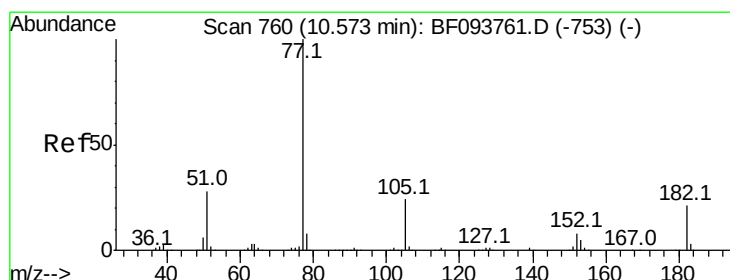
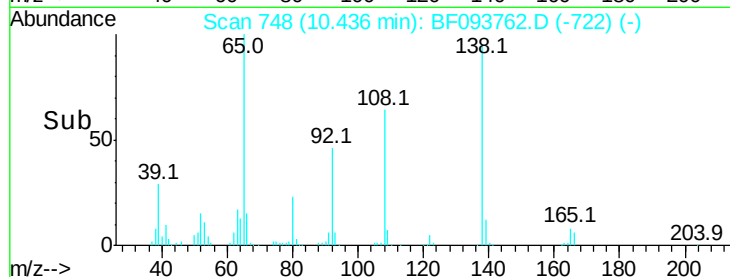
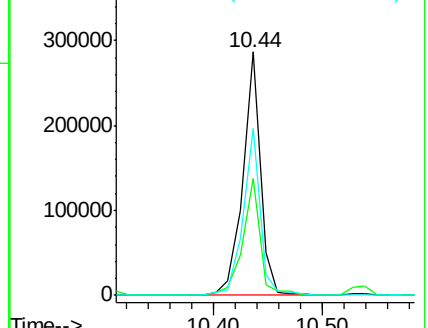
108 68.4 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.62 ng

RT: 10.57 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Tgt Ion: 77 Resp: 1397494

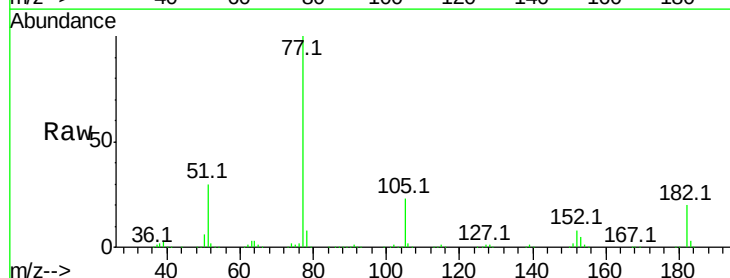
Ion Ratio Lower Upper

77 100

182 19.9 0.1 40.1

105 23.3 3.6 43.6

51 29.8 9.4 49.4

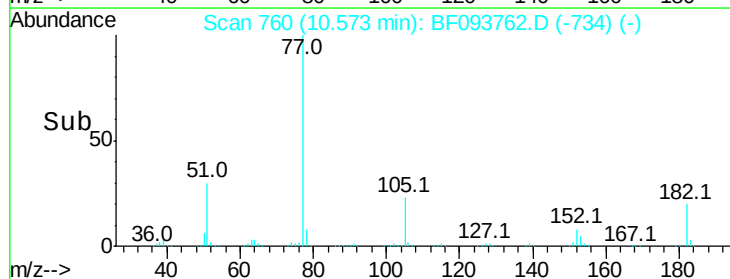
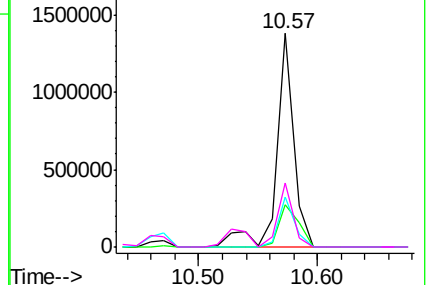


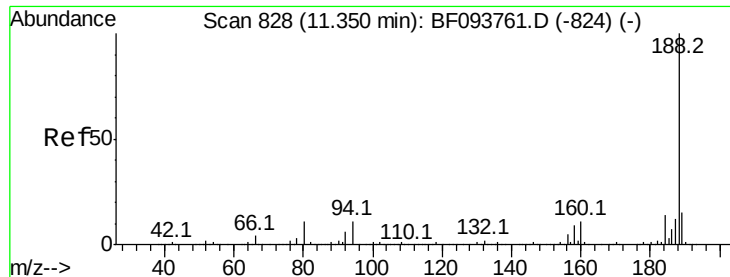
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

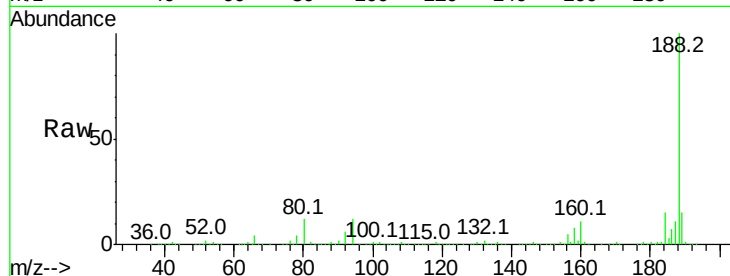




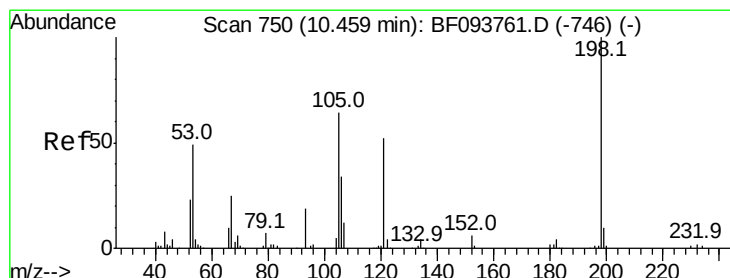
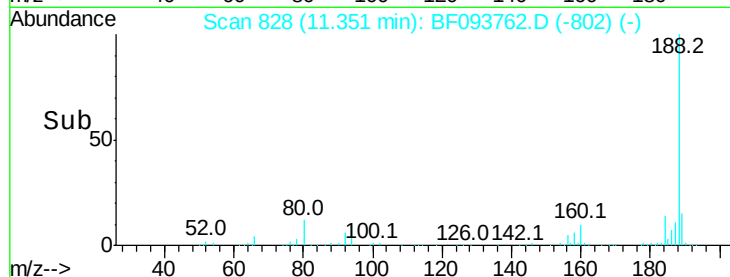
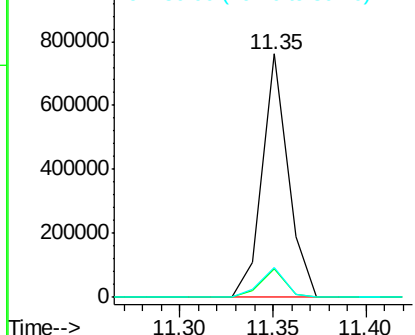
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:188 Resp: 729505
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.2 10.2 15.2

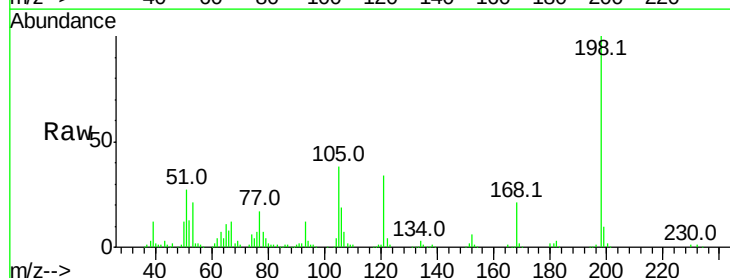


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

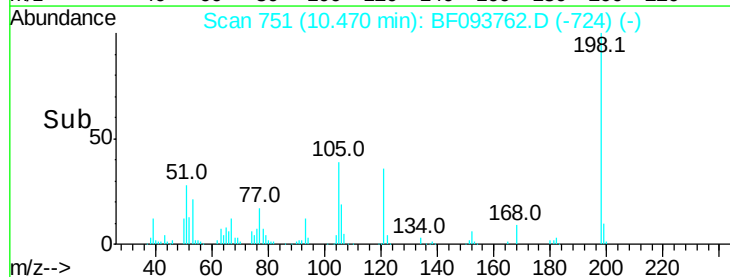
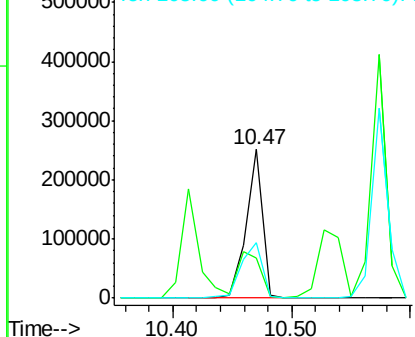


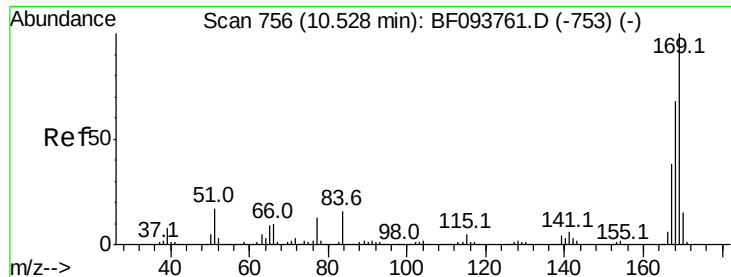
#64
4,6-Dinitro-2-methylphenol
Concen: 76.34 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion:198 Resp: 243453
Ion Ratio Lower Upper
198 100
51 27.2 53.2 93.2#
105 37.7 45.8 85.8#



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





#65

n-Nitrosodiphenylamine

Concen: 50.45 ng

RT: 10.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

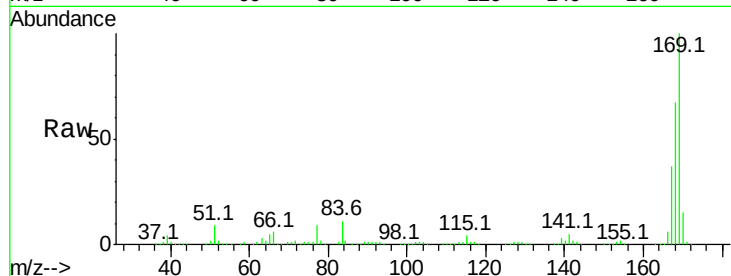
Tot Ion:169 Resp: 1242371

Ion Ratio Lower Upper

169 100

168 67.0 53.2 79.8

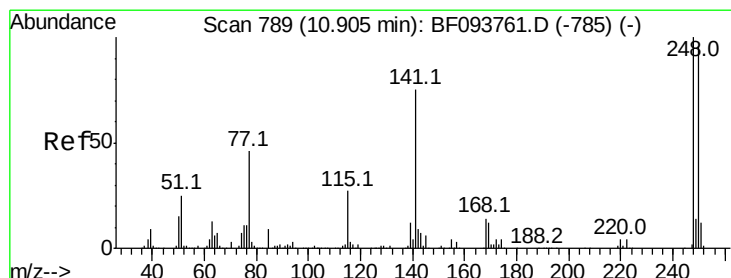
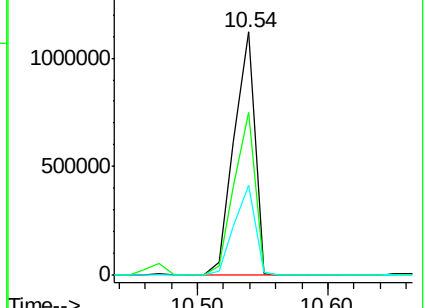
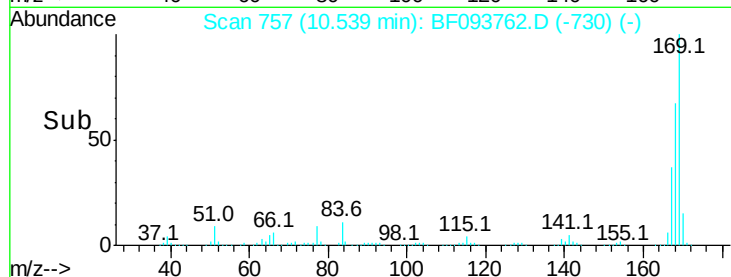
167 37.0 29.5 44.3



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: 49.20 ng

RT: 10.90 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

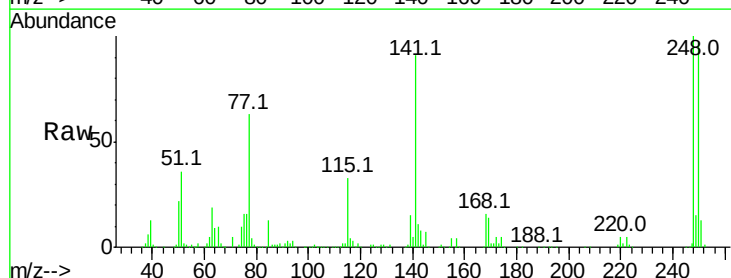
Tgt Ion:248 Resp: 339267

Ion Ratio Lower Upper

248 100

250 97.3 76.8 115.2

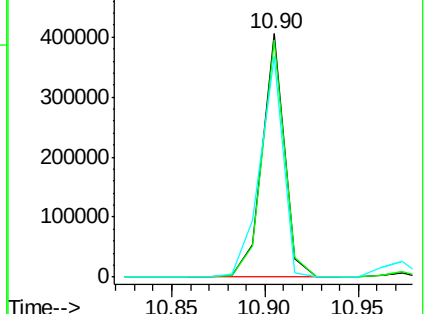
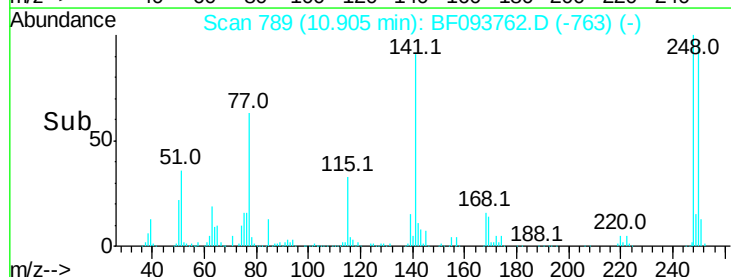
141 90.6 68.6 103.0

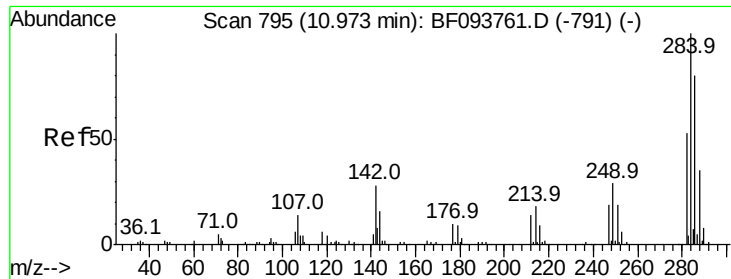


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

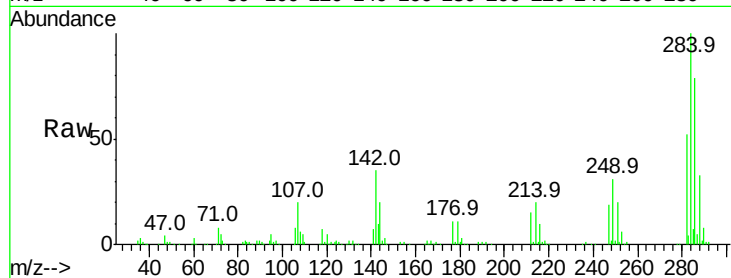




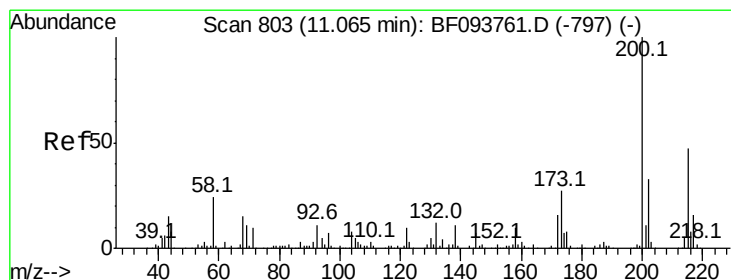
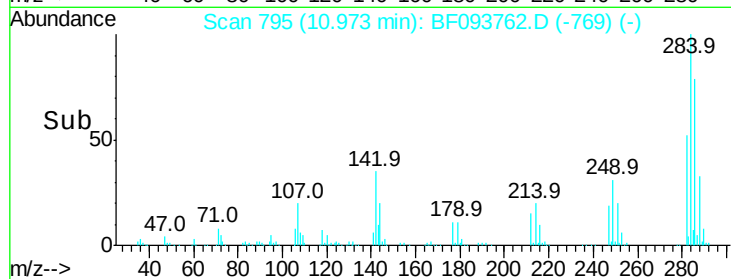
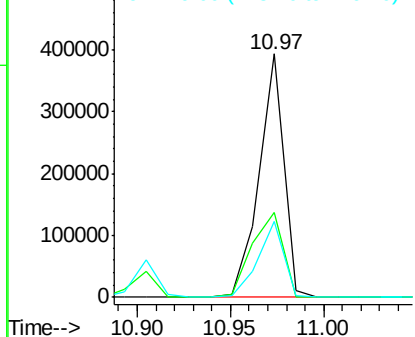
#67
Hexachlorobenzene
Concen: 49.75 ng
RT: 10.97 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:284 Resp: 358578
Ion Ratio Lower Upper
284 100
142 35.1 22.8 34.2#
249 31.4 24.0 36.0

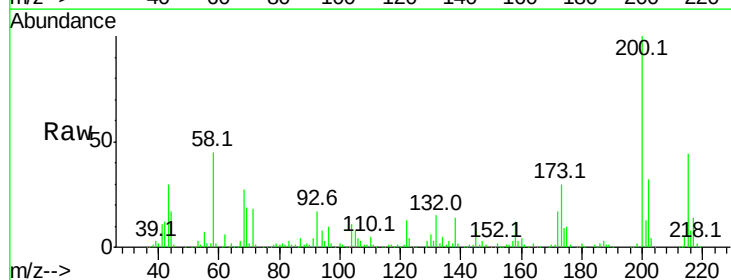


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

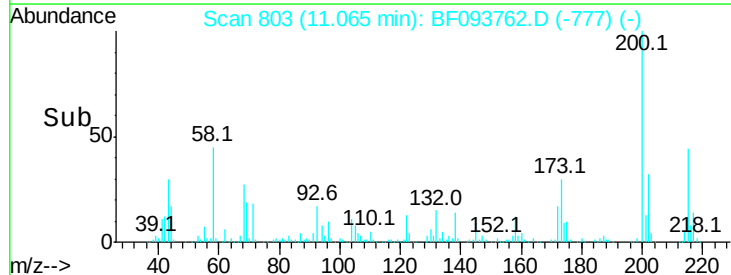
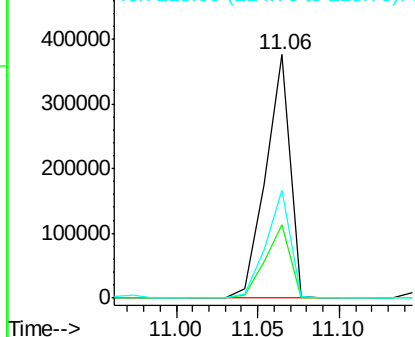


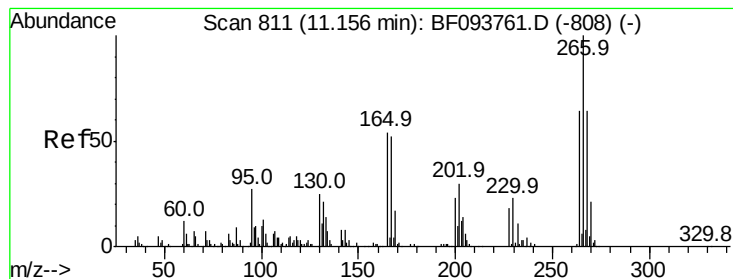
#68
Atrazine
Concen: 55.06 ng
RT: 11.06 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion:200 Resp: 390459
Ion Ratio Lower Upper
200 100
173 29.9 6.3 46.3
215 44.2 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: 52.76 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

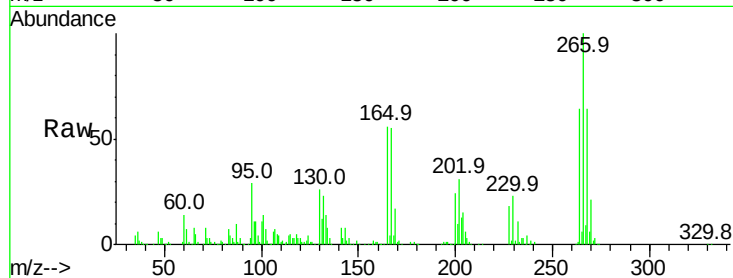
Tot Ion:266 Resp: 217880

Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

264 64.1 51.7 77.5

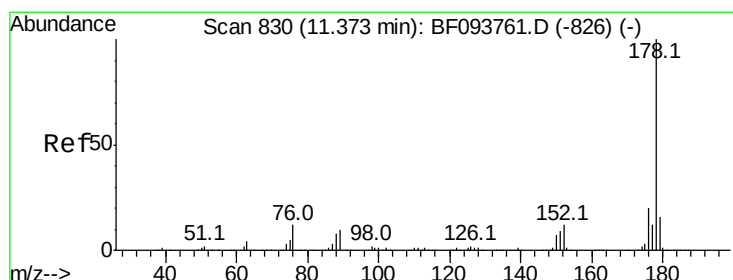
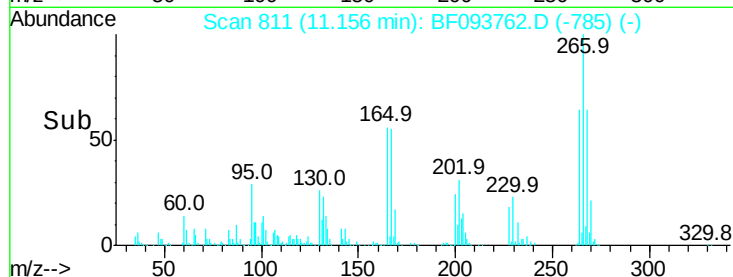
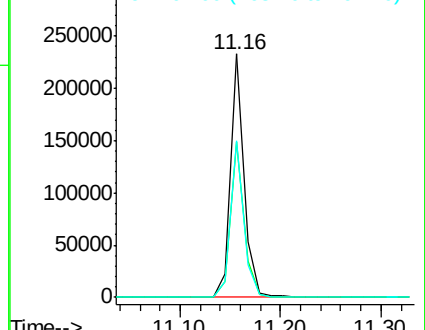


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.19 ng

RT: 11.37 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

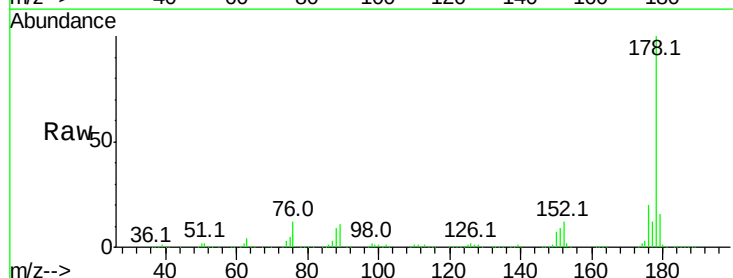
Tgt Ion:178 Resp: 1781300

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

179 15.9 12.6 19.0

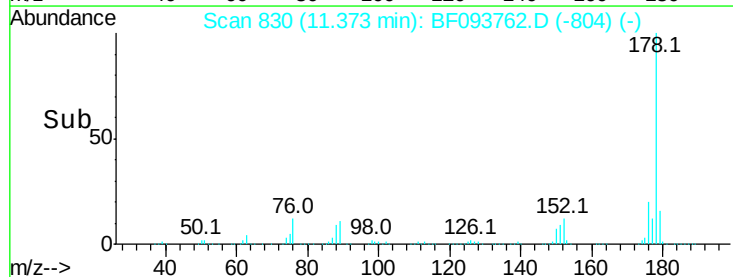
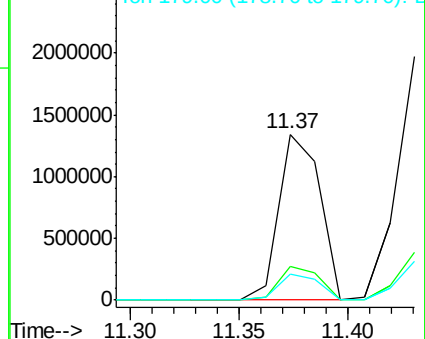


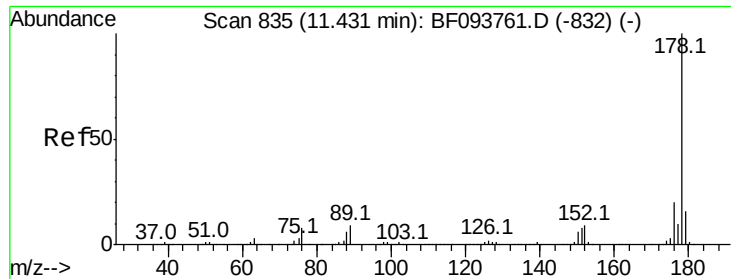
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

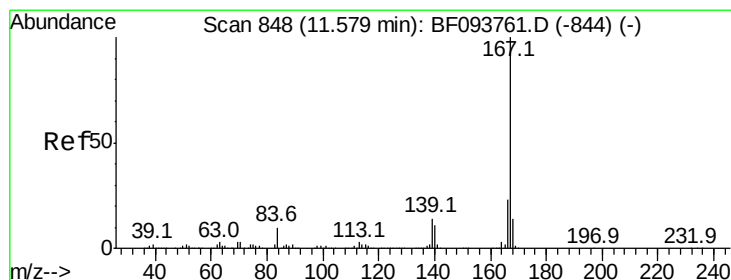
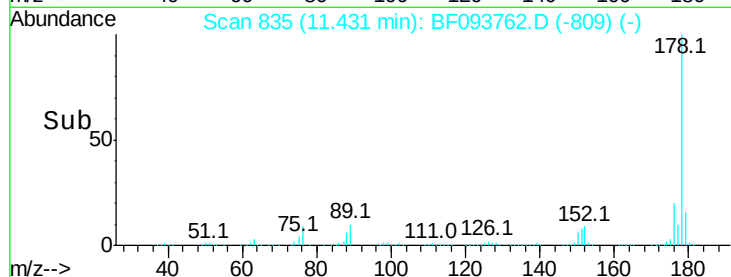
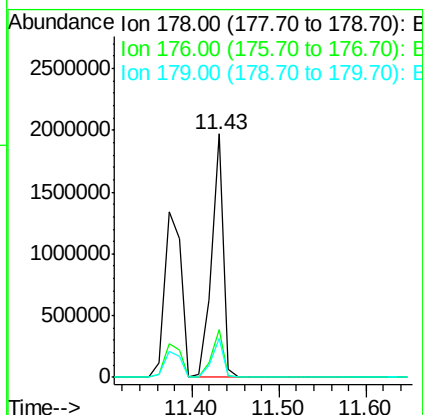
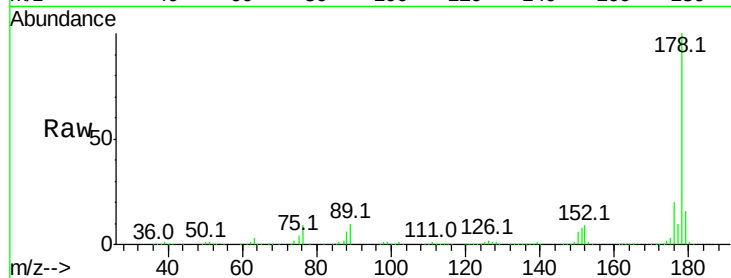




#71
 Anthracene
 Concen: 45.91 ng
 RT: 11.43 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

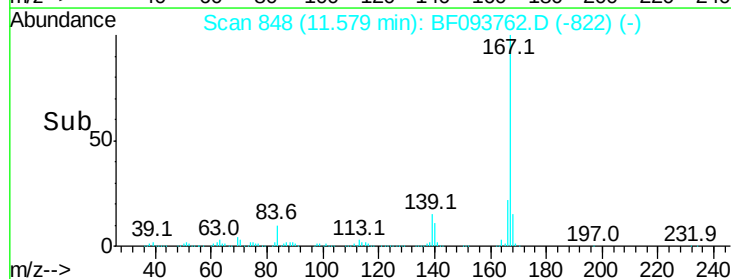
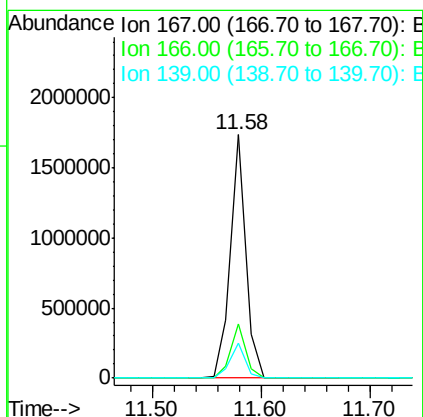
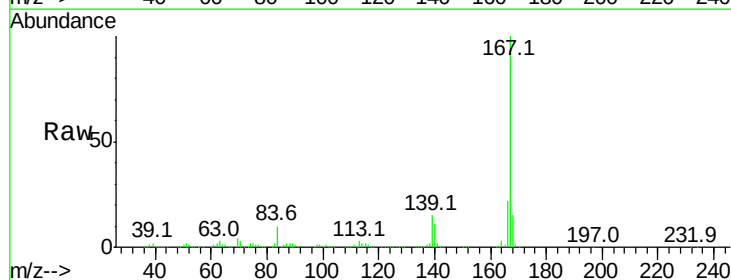
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

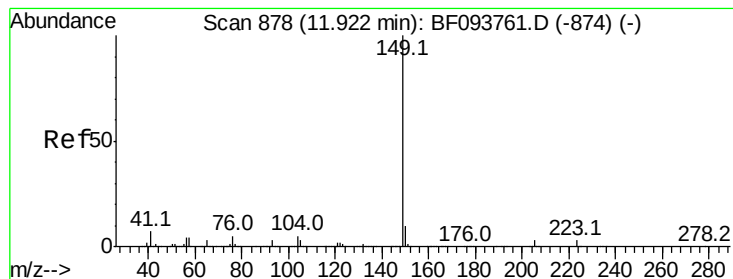
Tot Ion:178 Resp: 1852730
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 16.1 12.7 19.1



#72
 Carbazole
 Concen: 40.45 ng
 RT: 11.58 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:167 Resp: 1708620
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.67 ng

RT: 11.92 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

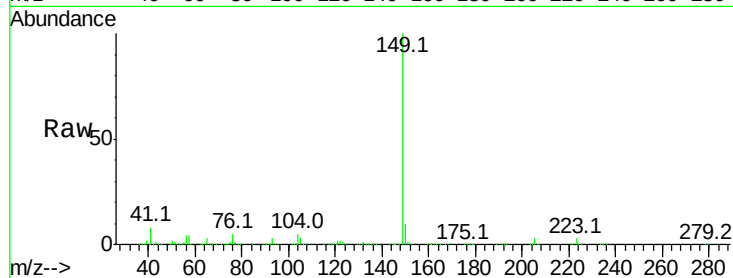
Tot Ion:149 Resp: 2015433

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

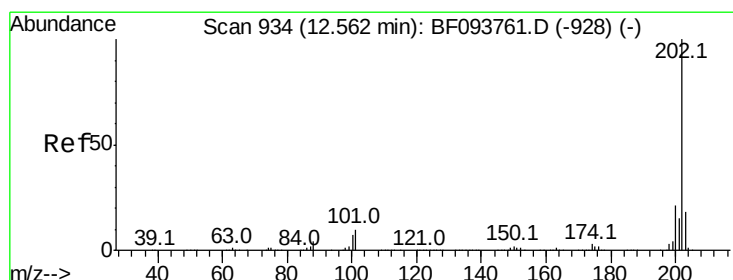
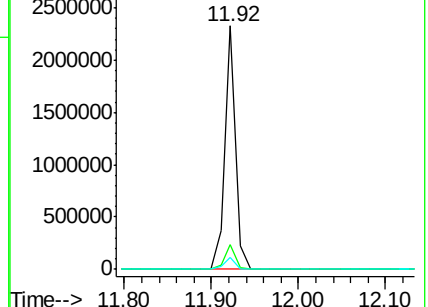
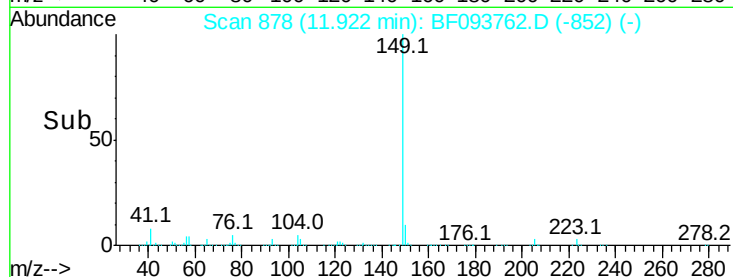
104 4.9 4.0 6.0



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: 47.85 ng

RT: 12.56 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

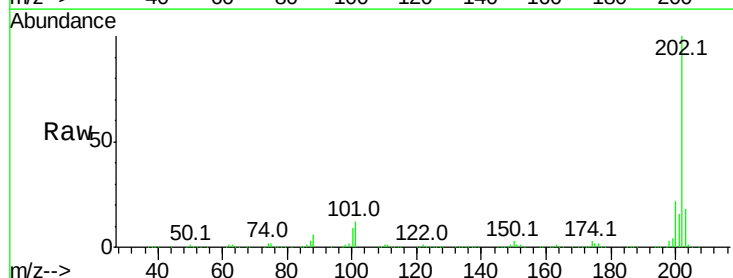
Tgt Ion:202 Resp: 1912685

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

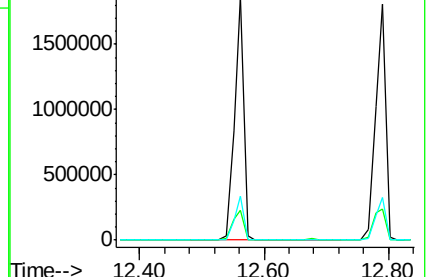
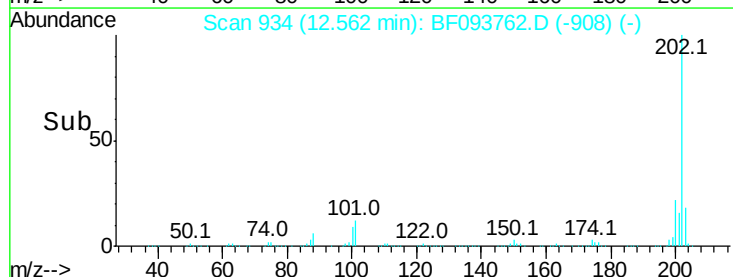
203 18.0 0.0 38.1

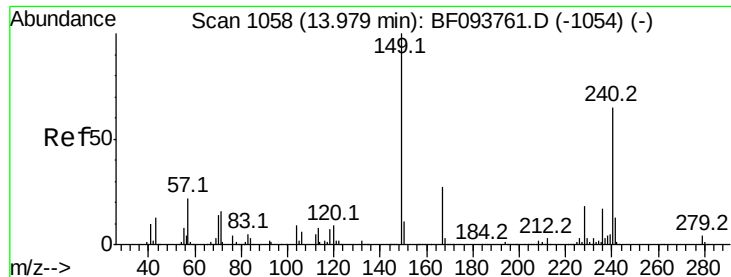


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

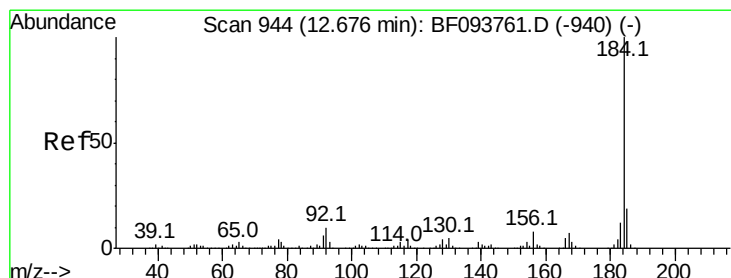
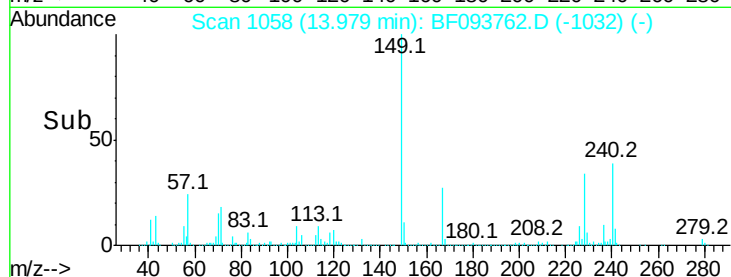
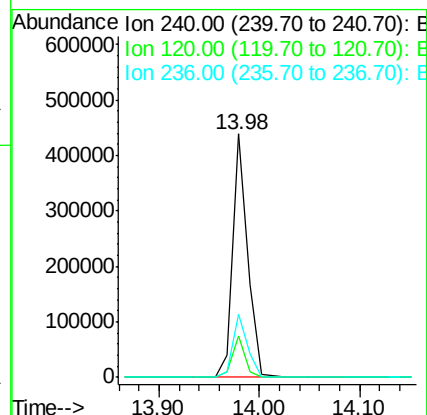
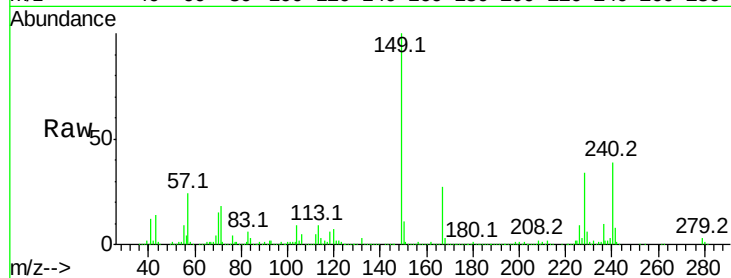
Tot Ion:240 Resp: 452306

Ion Ratio Lower Upper

240 100

120 16.9 5.8 8.8#

236 25.7 20.5 30.7



#76

Benzidine

Concen: 56.23 ng

RT: 12.68 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

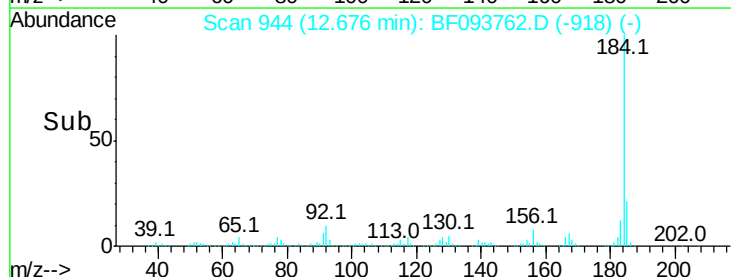
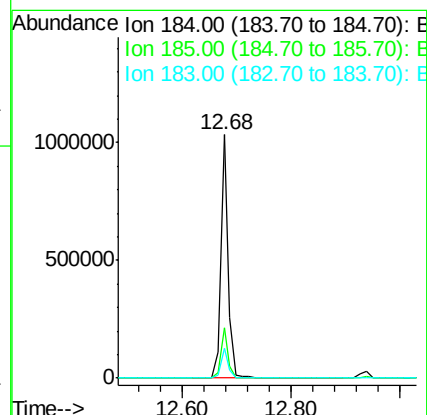
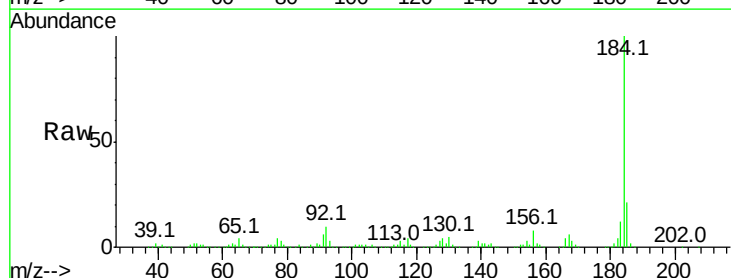
Tgt Ion:184 Resp: 993757

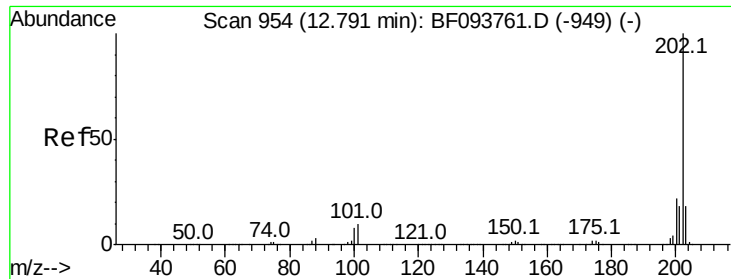
Ion Ratio Lower Upper

184 100

185 20.6 15.5 23.3

183 12.1 9.8 14.6





#77

Pvrene

Concen: 52.44 ng

RT: 12.79 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

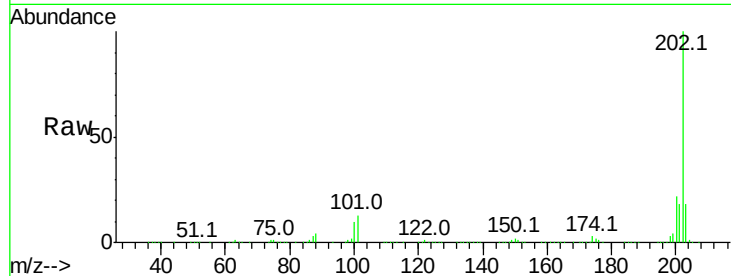
BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:202 Resp: 2017226

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.0	14.4	21.6

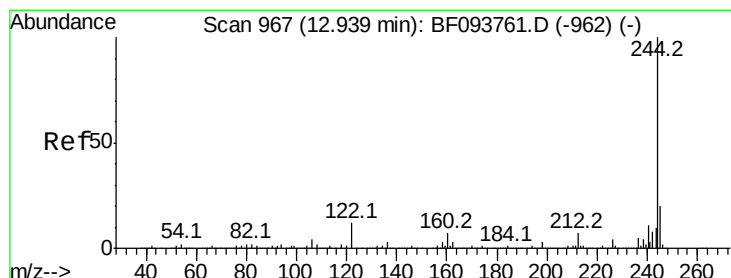
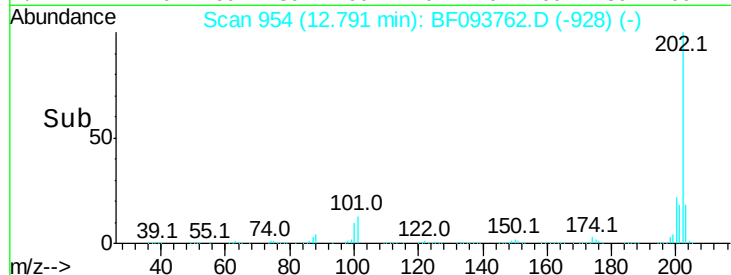
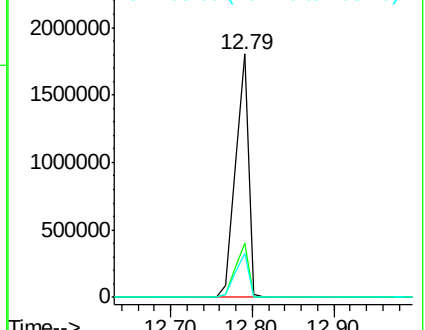


Abundance

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



#78

Terphenyl-d14

Concen: 100.10 ng

RT: 12.94 min Scan# 967

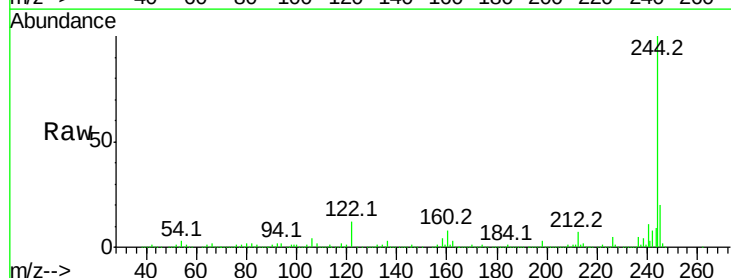
Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Tgt Ion:244 Resp: 2103458

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.4	10.3	15.5

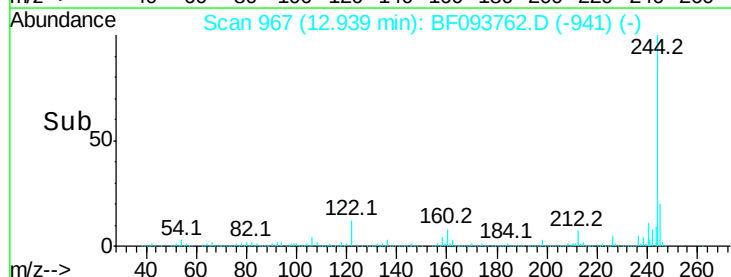
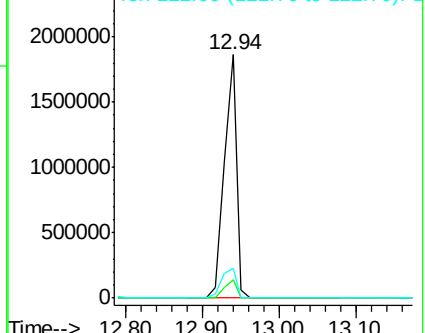


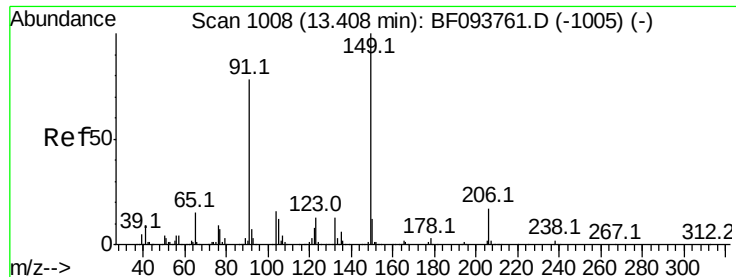
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.05 ng

RT: 13.41 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

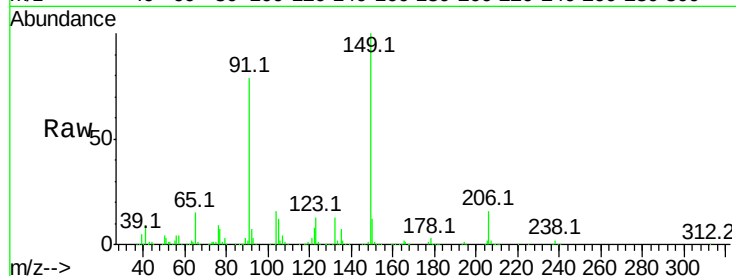
Tot Ion:149 Resp: 850499

Ion Ratio Lower Upper

149 100

91 79.4 45.0 67.4#

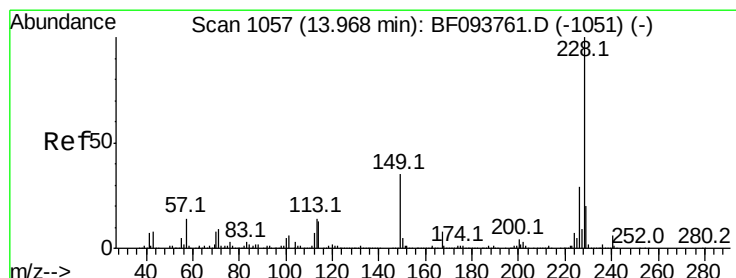
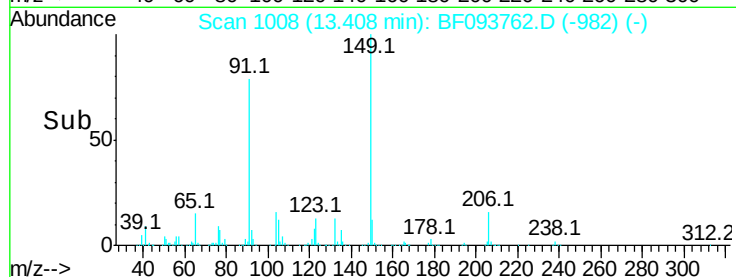
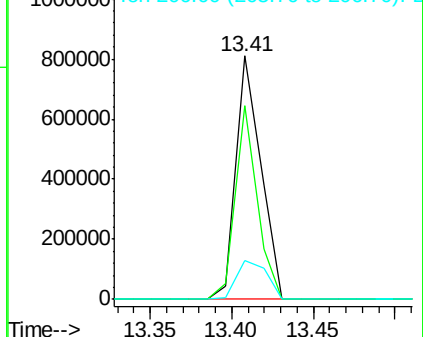
206 16.0 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.62 ng

RT: 13.97 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

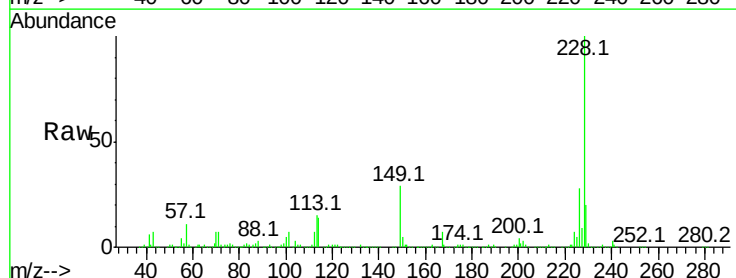
Tgt Ion:228 Resp: 1440475

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

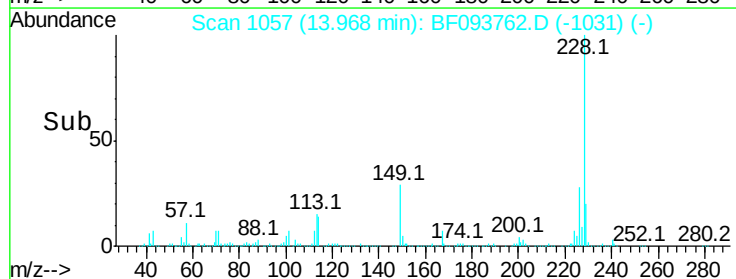
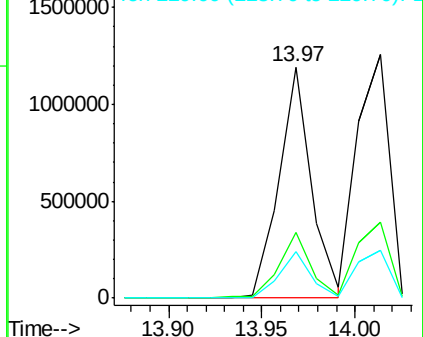
229 20.3 16.3 24.5

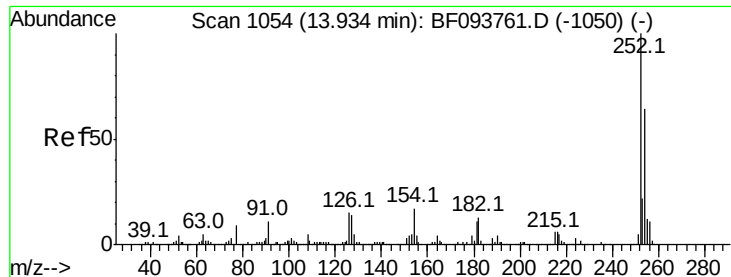


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

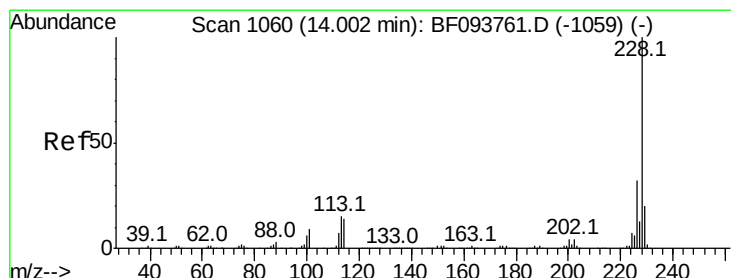
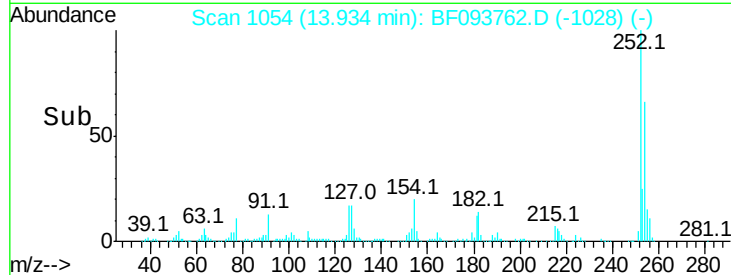
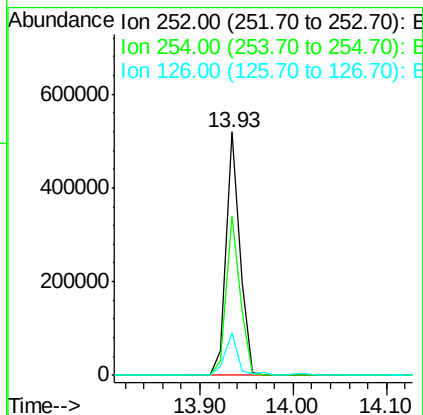
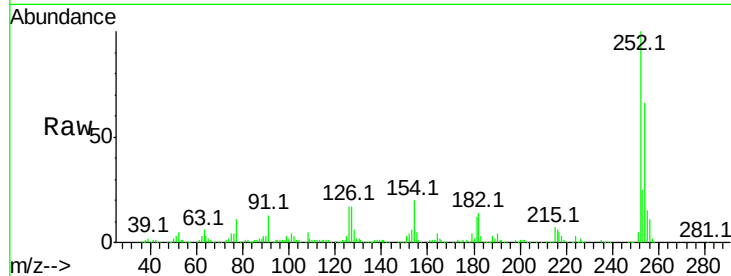




#81
 3,3'-Dichlorobenzidine
 Concen: 52.55 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

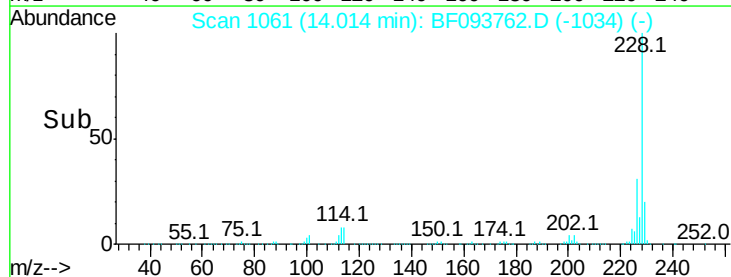
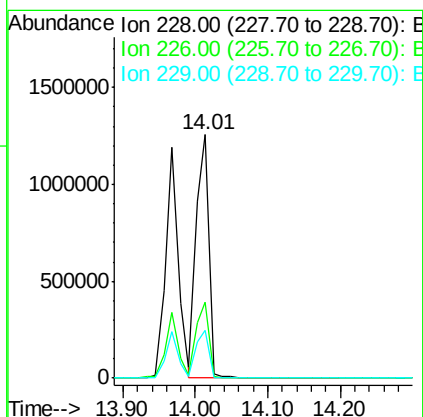
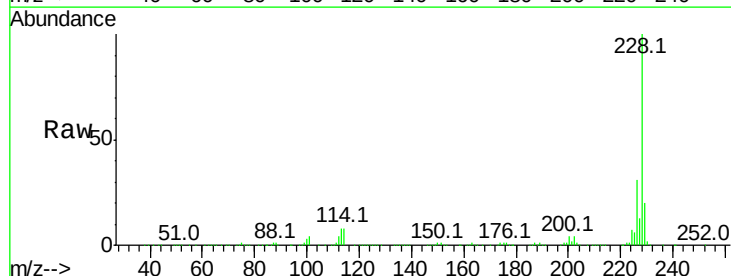
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

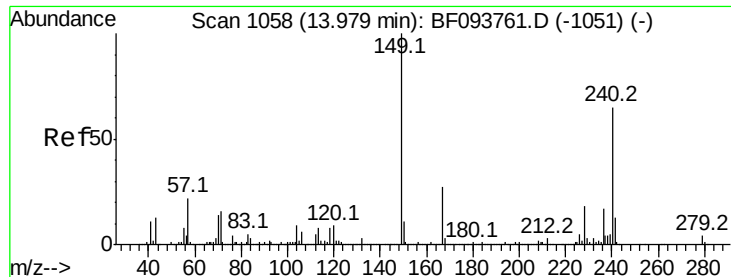
Tot Ion:252 Resp: 535092
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.5 77.3
 126 17.5 15.8 23.8



#82
 Chrysene
 Concen: 54.43 ng
 RT: 14.01 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:228 Resp: 1527063
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 19.6 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.36 ng

RT: 13.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

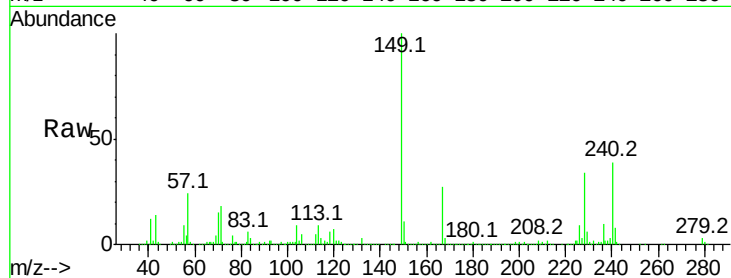
Tot Ion:149 Resp: 1066469

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

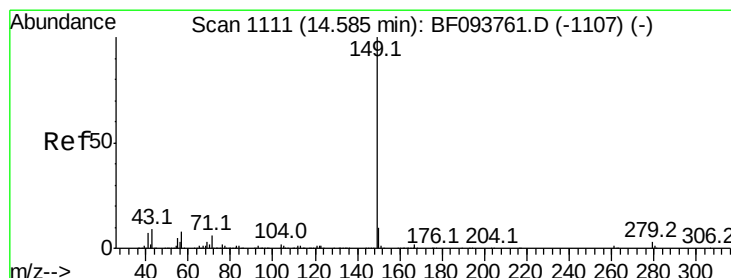
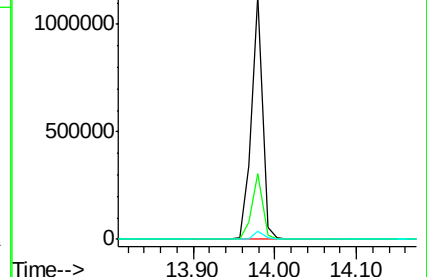
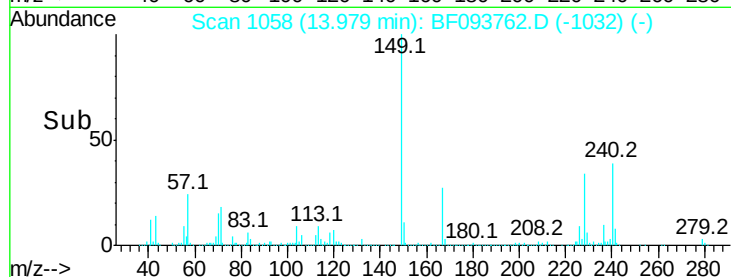
279 3.3 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 61.22 ng

RT: 14.59 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

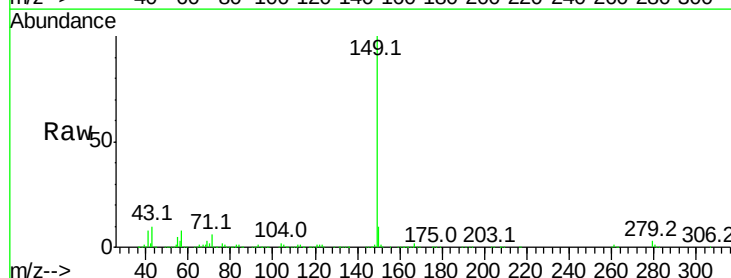
Tgt Ion:149 Resp: 2027915

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

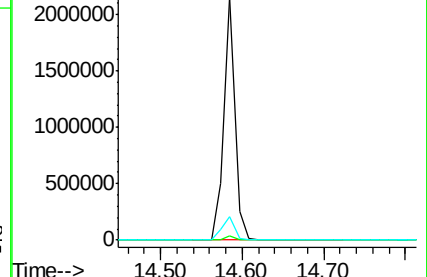
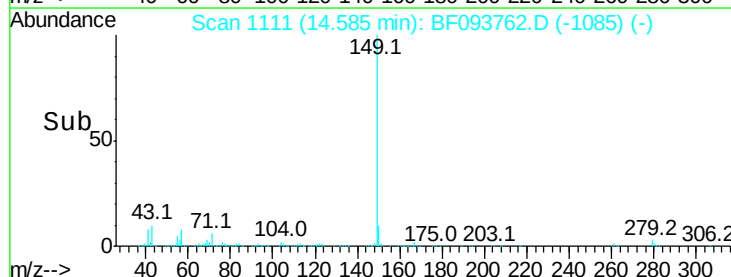
43 10.8 8.5 12.7

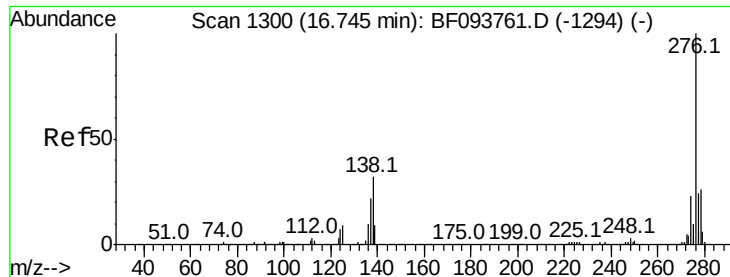


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



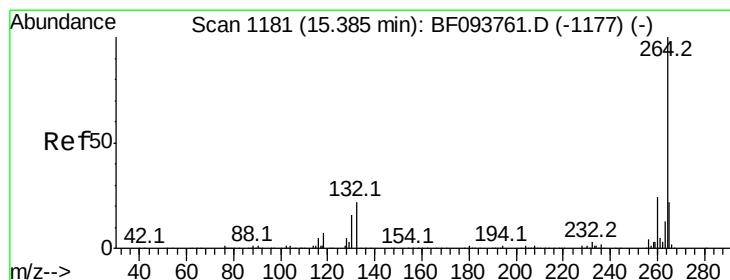
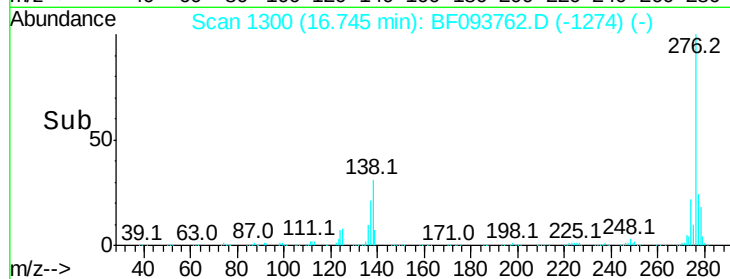
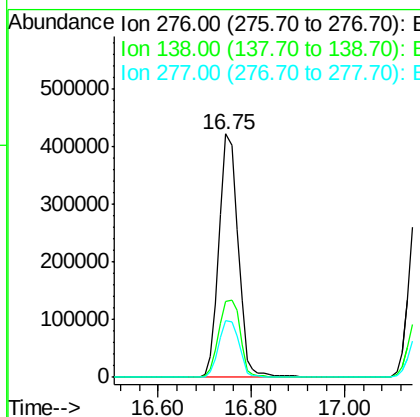
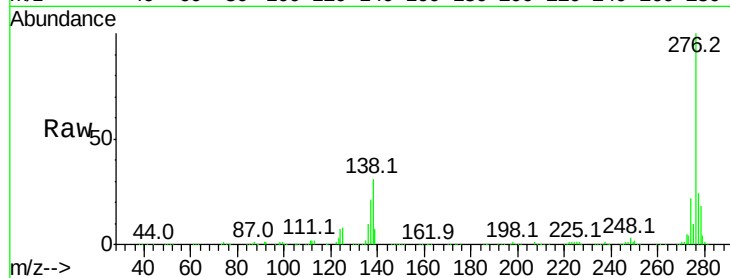


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.45 ng
 RT: 16.75 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:276 Resp: 1198675

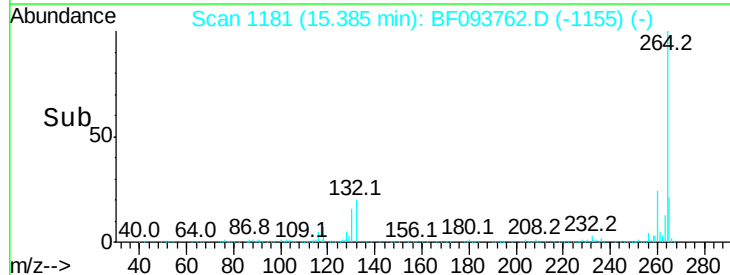
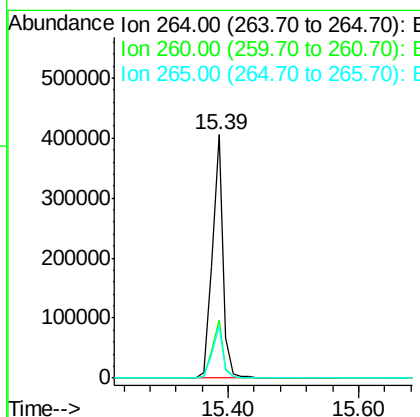
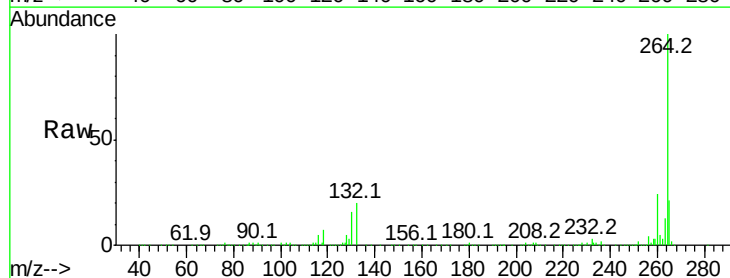
Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
277	25.2	20.2	30.4

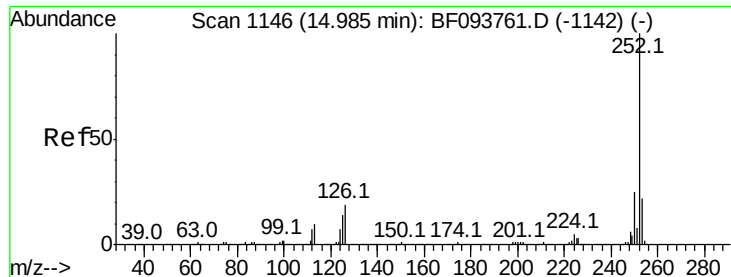


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF093762.D
 Acq: 20 Mar 2017 13:11

Tgt Ion:264 Resp: 472465

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	17.2	25.8

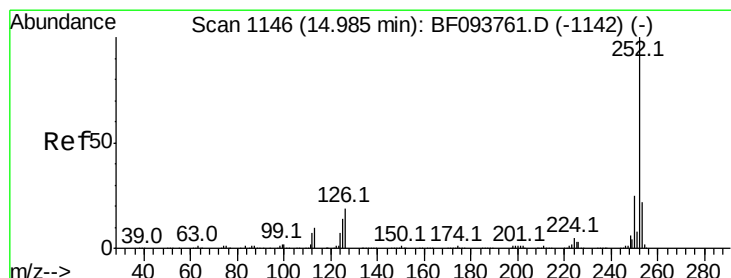
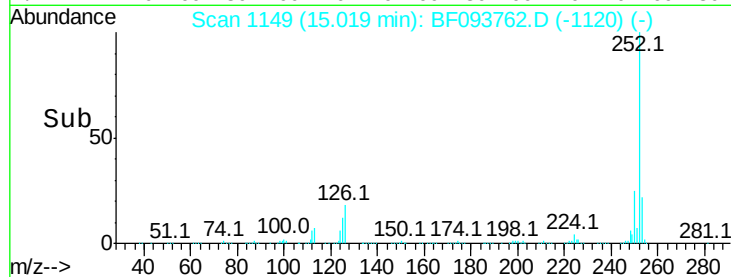
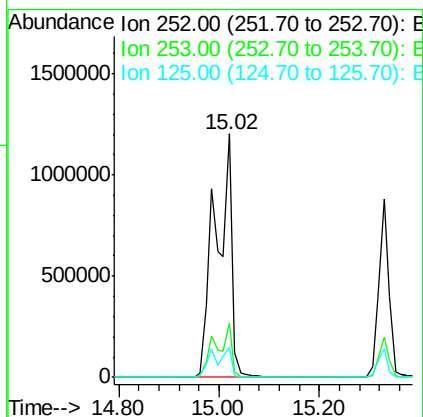
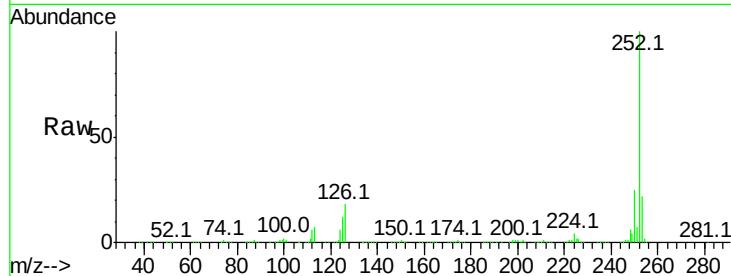




#87
Benzo(b)fluoranthene
Concen: 89.82 ng
RT: 15.02 min Scan# 1149
Delta R.T. 0.03 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

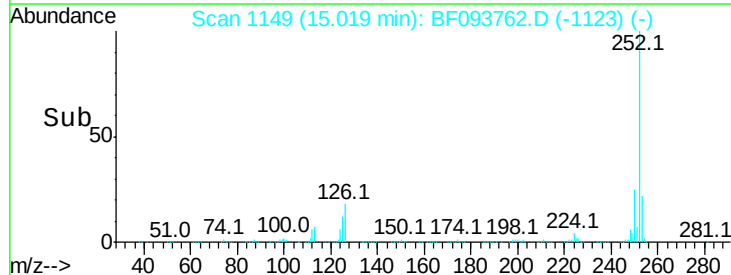
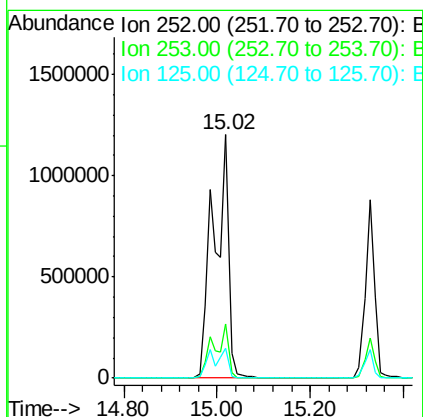
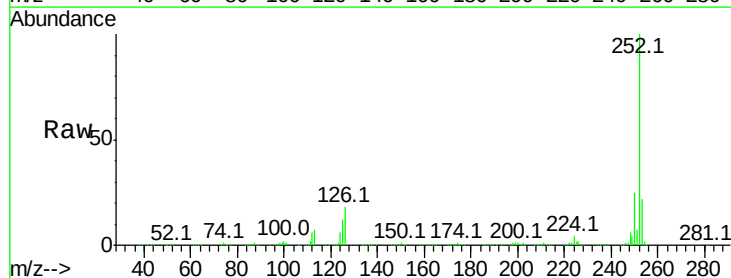
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

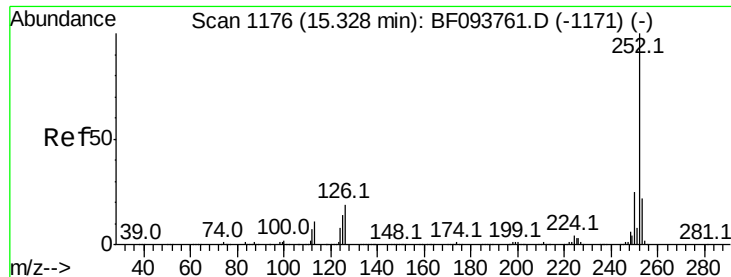
Tot Ion:252 Resp: 2689971
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 12.3 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 101.67 ng
RT: 15.02 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion:252 Resp: 2690949
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 12.3 13.1 19.7#

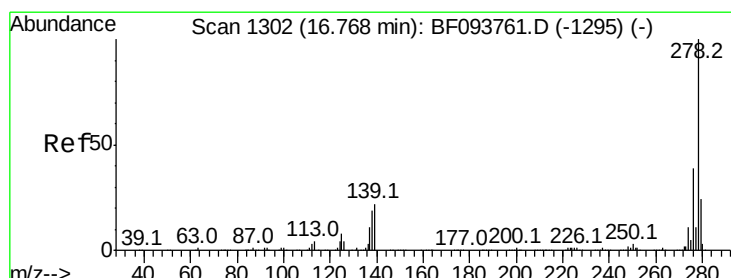
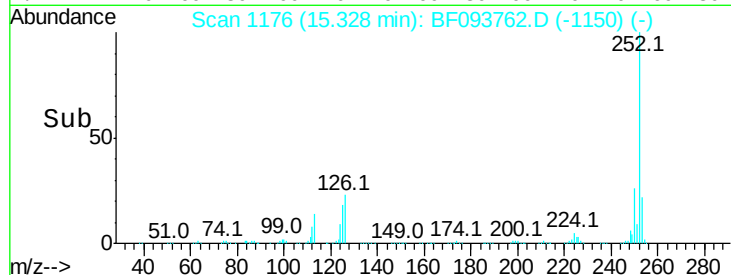
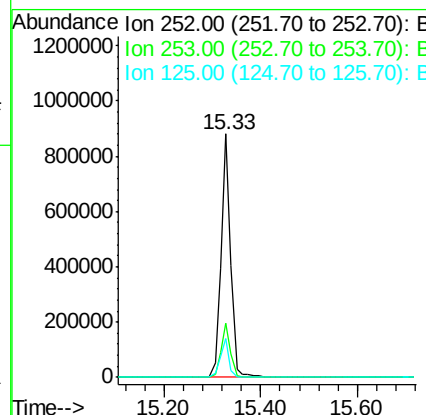
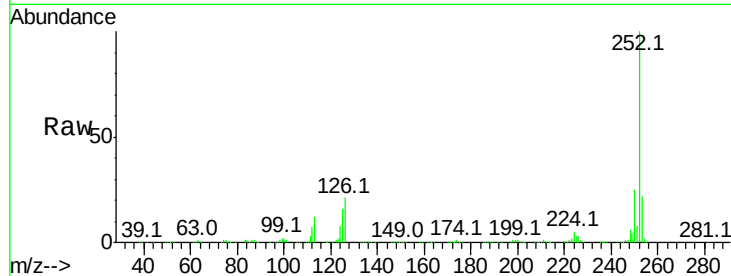




#89
Benzo(a)pyrene
Concen: 46.59 ng
RT: 15.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

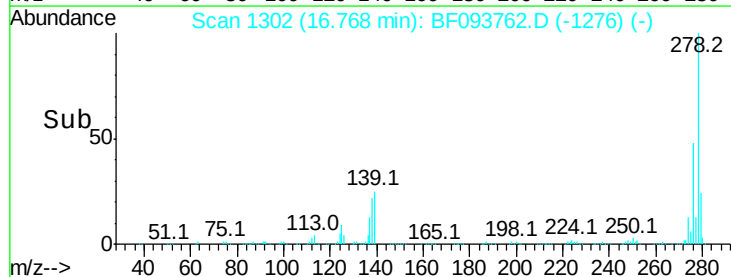
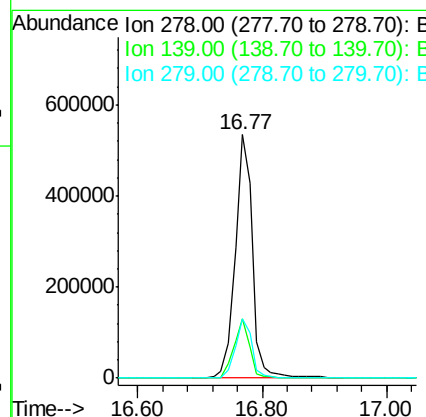
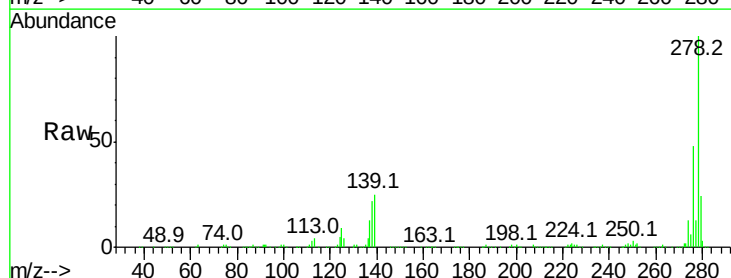
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

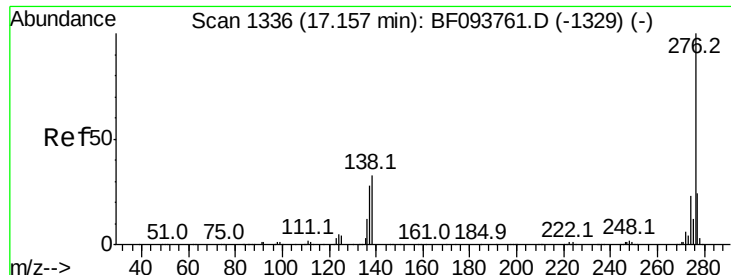
Tot Ion:252 Resp: 1233171
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 15.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 45.85 ng
RT: 16.77 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF093762.D
Acq: 20 Mar 2017 13:11

Tgt Ion:278 Resp: 1026884
Ion Ratio Lower Upper
278 100
139 24.6 16.6 24.8
279 24.3 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 44.58 ng

RT: 17.17 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF093762.D

Acq: 20 Mar 2017 13:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:276 Resp: 1015307

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 26.5 25.4 38.0

