

Data Path : Z:\HPCHEM1\BNA_F\Data\BF032417\
 Data File : BF093899.D
 Acq On : 24 Mar 2017 10:44
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 24 14:15:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	203076	20.00	ng	-0.02
21) Naphthalene-d8	7.47	136	830289	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	385740	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	704716	20.00	ng	-0.02
75) Chrysene-d12	14.70	240	578262	20.00	ng	-0.01
86) Perylene-d12	16.33	264	515573	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	985358	81.95	ng	0.00
7) Phenol-d6	5.57	99	1171625	78.77	ng	0.00
23) Nitrobenzene-d5	6.63	82	1172997	80.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	264139	86.65	ng	-0.02
44) 2-Fluorobiphenyl	8.80	172	1979059	78.25	ng	-0.02
78) Terphenyl-d14	13.43	244	2012799	78.02	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	239368	41.44	ng	99
3) Pyridine	2.83	79	653097	41.48	ng	96
4) n-Nitrosodimethylamine	2.79	42	292478	45.15	ng	98
6) Aniline	5.59	93	802183	38.77	ng	99
8) 2-Chlorophenol	5.73	128	530586	40.15	ng	97
9) Benzaldehyde	5.46	77	387982	38.63	ng	96
10) Phenol	5.58	94	661135	39.06	ng	88
11) bis(2-Chloroethyl)ether	5.67	93	528904	39.99	ng	99
12) 1,3-Dichlorobenzene	5.90	146	586702	39.58	ng	98
13) 1,4-Dichlorobenzene	5.99	146	597048	39.77	ng	97
14) 1,2-Dichlorobenzene	6.17	146	547054	39.56	ng	96
15) Benzyl Alcohol	6.14	79	434145	39.88	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.30	45	808863	39.68	ng	99
17) 2-Methylphenol	6.27	107	455233	40.22	ng	98
18) Hexachloroethane	6.56	117	217060	41.13	ng	# 82
19) n-Nitroso-di-n-propylamine	6.46	70	374052	39.13	ng	97
20) 3+4-Methylphenols	6.46	107	540501	39.43	ng	# 68
22) Acetophenone	6.45	105	742170	40.11	ng	# 91
24) Nitrobenzene	6.65	77	572208	39.88	ng	95
25) Isophorone	6.93	82	1035341	40.50	ng	96
26) 2-Nitrophenol	7.02	139	299727	43.80	ng	94
27) 2,4-Dimethylphenol	7.08	122	471916	40.02	ng	97
28) bis(2-Chloroethoxy)methane	7.19	93	675658	40.08	ng	99
29) 2,4-Dichlorophenol	7.31	162	455311	41.30	ng	97
30) 1,2,4-Trichlorobenzene	7.41	180	450718	39.69	ng	98
31) Naphthalene	7.50	128	1569495	39.31	ng	99
32) Benzoic acid	7.24	122	331757	42.27	ng	95
33) 4-Chloroaniline	7.57	127	650333	40.19	ng	94
34) Hexachlorobutadiene	7.66	225	231200	39.71	ng	98
35) Caprolactam	8.03	113	152922	43.50	ng	95
36) 4-Chloro-3-methylphenol	8.17	107	476265	41.34	ng	90
37) 2-Methylnaphthalene	8.35	142	1057587	39.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	412945	39.13	ng	99
40) Hexachlorocyclopentadiene	8.55	237	210145	42.56	ng	99

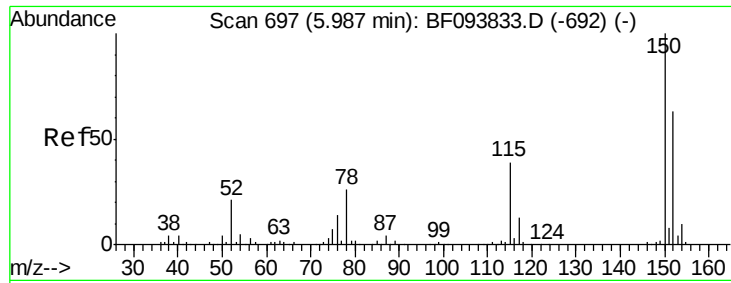
Data Path : Z:\HPCHEM1\BNA_F\Data\BF032417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	306110	41.00	ng	98
43) 2,4,5-Trichlorophenol	8.74	196	332576	41.17	ng	97
45) 1,1'-Biphenyl	8.92	154	1200754	38.59	ng	98
46) 2-Chloronaphthalene	8.94	162	944486	38.78	ng	94
47) 2-Nitroaniline	9.06	65	302749	41.90	ng	88
48) Acenaphthylene	9.45	152	1587122	39.21	ng	99
49) Dimethylphthalate	9.31	163	1127842	41.13	ng	100
50) 2,6-Dinitrotoluene	9.37	165	267872	42.62	ng	93
51) Acenaphthene	9.66	154	922945	39.08	ng	99
52) 3-Nitroaniline	9.57	138	314731	42.64	ng	92
53) 2,4-Dinitrophenol	9.70	184	143169	44.75	ng	# 78
54) Dibenzofuran	9.87	168	1259068	39.16	ng	99
55) 4-Nitrophenol	9.80	139	246928	42.72	ng	# 72
56) 2,4-Dinitrotoluene	9.86	165	336656	42.64	ng	# 76
57) Fluorene	10.30	166	998452	37.45	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	229921	41.48	ng	99
59) Diethylphthalate	10.17	149	1133619	41.83	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	424287	37.35	ng	91
61) 4-Nitroaniline	10.33	138	318229	44.93	ng	95
62) Azobenzene	10.50	77	1046642	40.83	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	190304	44.09	ng	# 79
65) n-Nitrosodiphenylamine	10.45	169	943882	38.73	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	275528	39.75	ng	98
67) Hexachlorobenzene	10.97	284	283033	40.34	ng	# 89
68) Atrazine	11.12	200	305054	41.79	ng	96
69) Pentachlorophenol	11.22	266	168543	38.59	ng	100
70) Phenanthrene	11.48	178	1517131	38.70	ng	99
71) Anthracene	11.54	178	1587093	39.32	ng	99
72) Carbazole	11.74	167	1631679	39.42	ng	99
73) Di-n-butylphthalate	12.19	149	1817868	42.23	ng	99
74) Fluoranthene	12.94	202	1623977	40.46	ng	99
76) Benzidine	13.11	184	932248	40.73	ng	96
77) Pyrene	13.22	202	1662574	39.62	ng	100
79) Butylbenzylphthalate	14.03	149	799076	44.69	ng	87
80) Benzo(a)anthracene	14.69	228	1362981	40.42	ng	99
81) 3,3'-Dichlorobenzidine	14.66	252	520078	43.15	ng	# 97
82) Chrysene	14.73	228	1199862	38.34	ng	100
83) Bis(2-ethylhexyl)phthalate	14.74	149	1028876	42.18	ng	# 99
84) Di-n-octyl phthalate	15.50	149	1855033	45.52	ng	98
85) Indeno(1,2,3-cd)pyrene	17.73	276	1175502	43.37	ng	99
87) Benzo(b)fluoranthene	15.92	252	1311552	41.50	ng	97
88) Benzo(k)fluoranthene	15.96	252	1147643	37.11	ng	96
89) Benzo(a)pyrene	16.28	252	1171122	40.24	ng	99
90) Dibenzo(a,h)anthracene	17.76	278	994007	40.33	ng	98
91) Benzo(g,h,i)perylene	18.14	276	976841	39.33	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.97 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

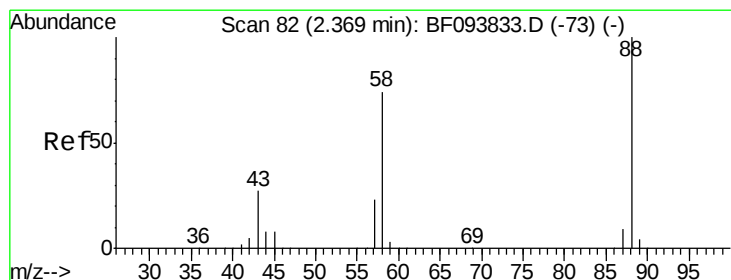
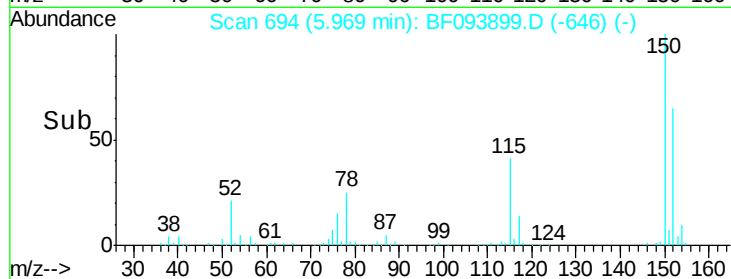
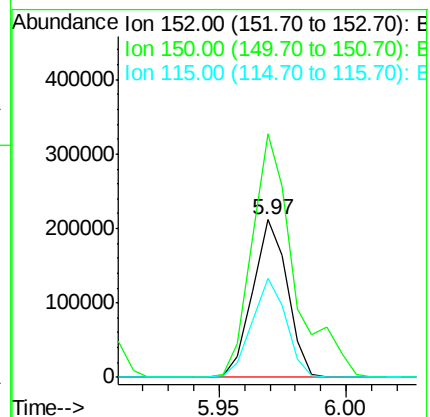
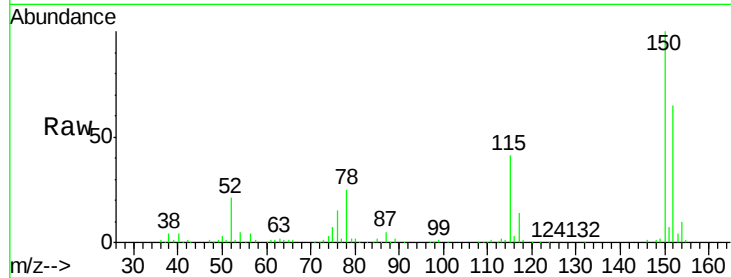
Tgt Ion:152 Resp: 203076

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

115 62.5 52.2 78.2



#2

1,4-Dioxane

Concen: 41.44 ng

RT: 2.35 min Scan# 78

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

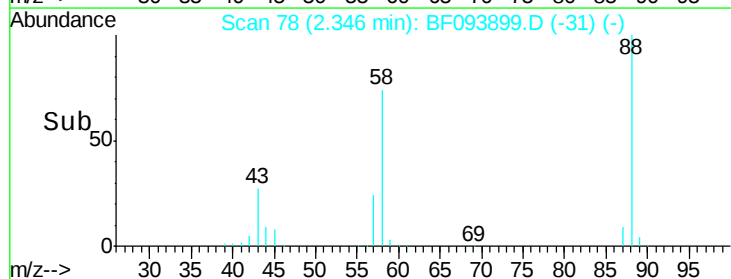
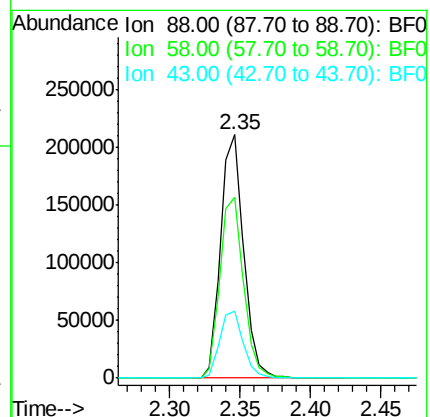
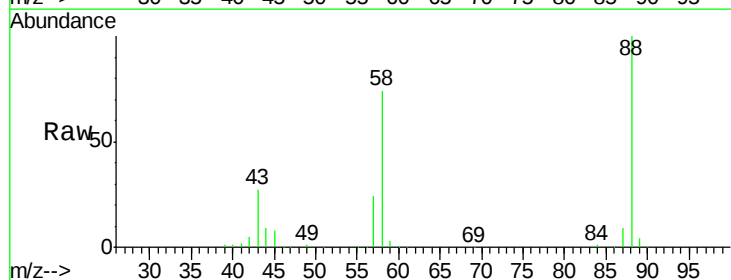
Tgt Ion: 88 Resp: 239368

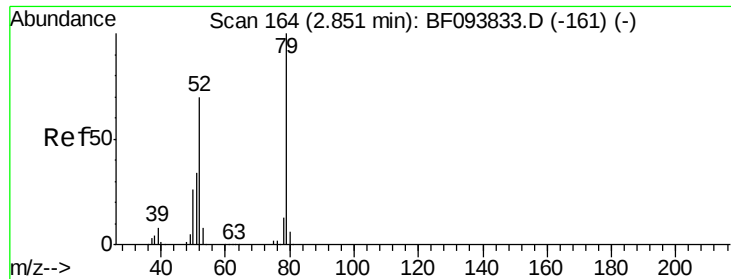
Ion Ratio Lower Upper

88 100

58 76.3 61.4 92.0

43 28.7 23.4 35.0





#3

Pyridine

Concen: 41.48 ng

RT: 2.83 min Scan# 161

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

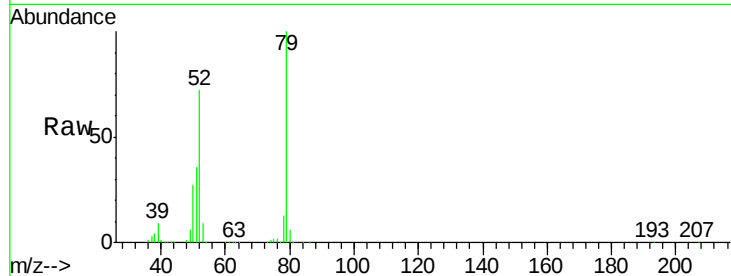
Tgt Ion: 79 Resp: 653097

Ion Ratio Lower Upper

79 100

52 72.0 54.8 82.2

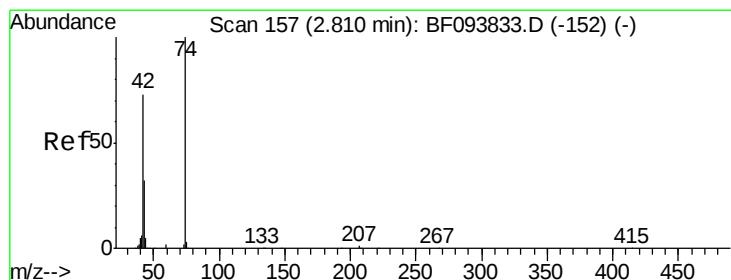
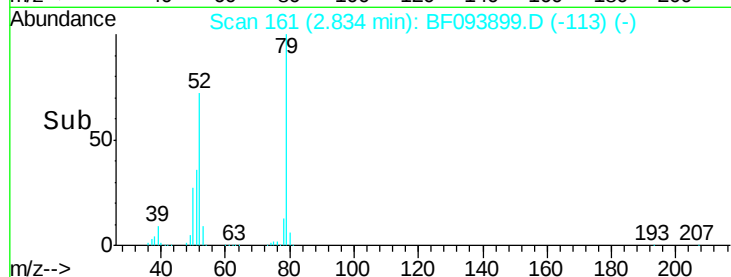
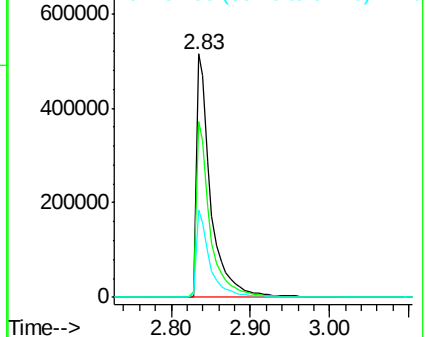
51 35.9 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.15 ng

RT: 2.79 min Scan# 154

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

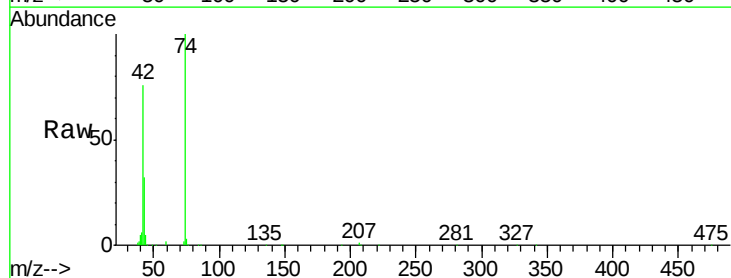
Tgt Ion: 42 Resp: 292478

Ion Ratio Lower Upper

42 100

74 132.3 103.9 155.9

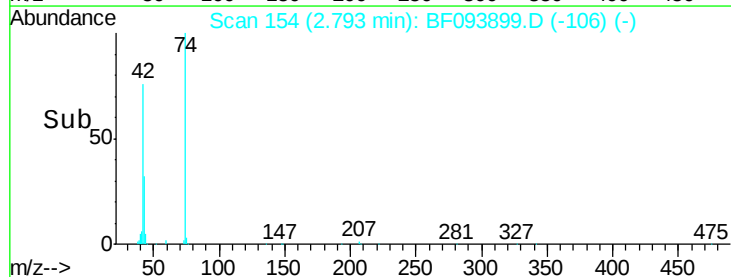
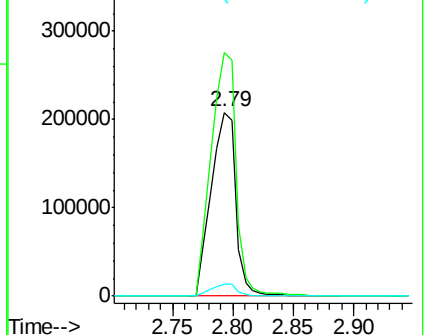
44 6.8 5.7 8.5

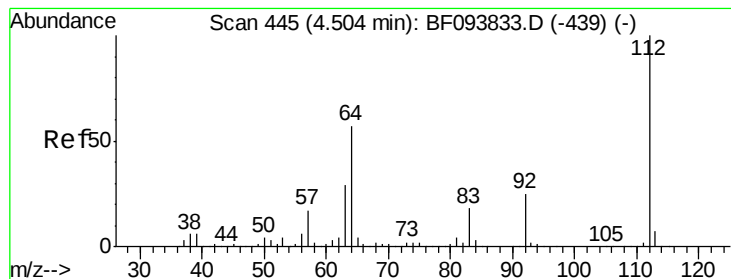


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.95 ng

RT: 4.50 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

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ClientSampleId :

SSTDCCC040

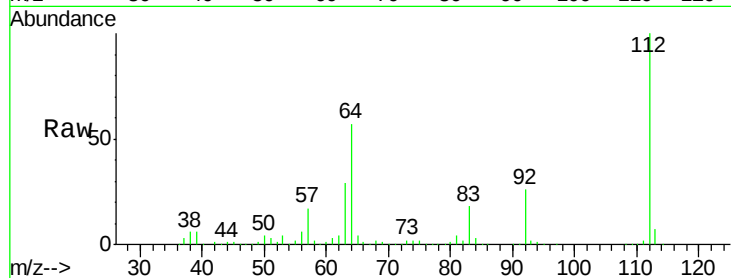
Tgt Ion: 112 Resp: 985358

Ion Ratio Lower Upper

112 100

64 56.9 46.0 69.0

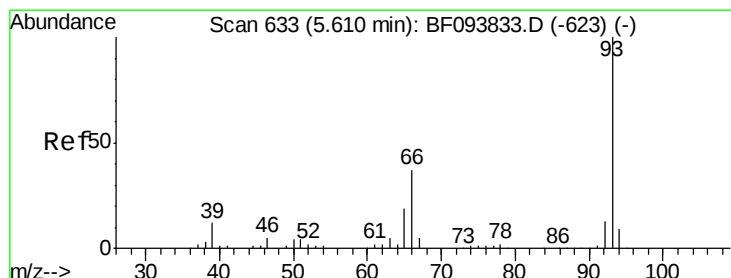
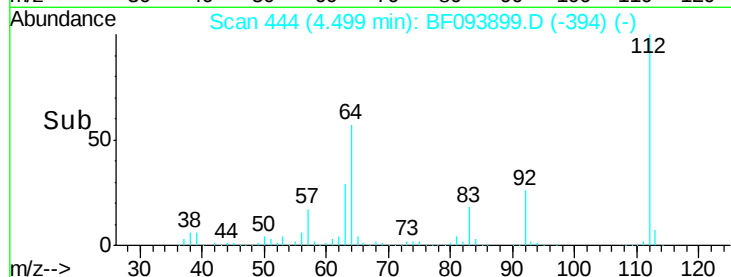
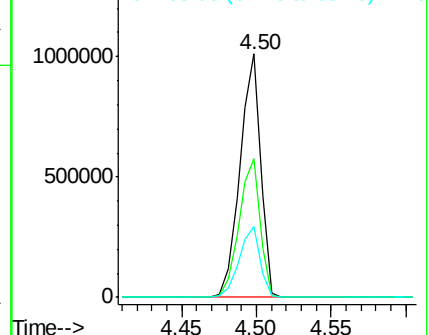
63 29.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.77 ng

RT: 5.59 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

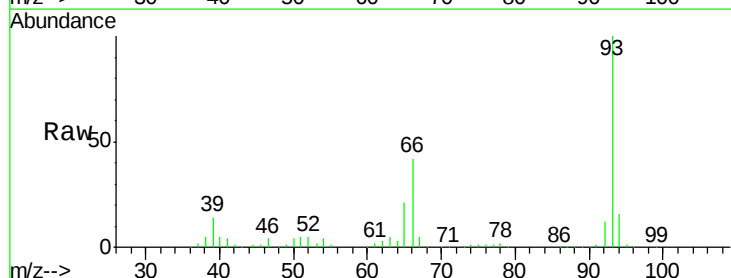
Tgt Ion: 93 Resp: 802183

Ion Ratio Lower Upper

93 100

66 41.6 32.9 49.3

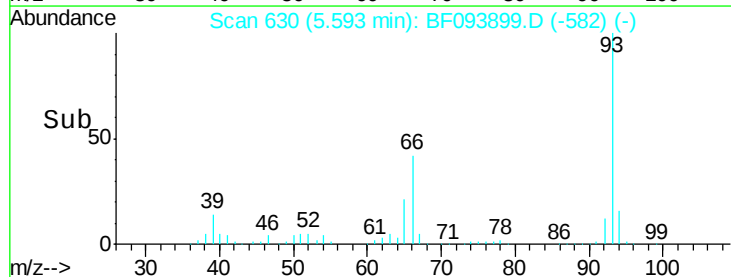
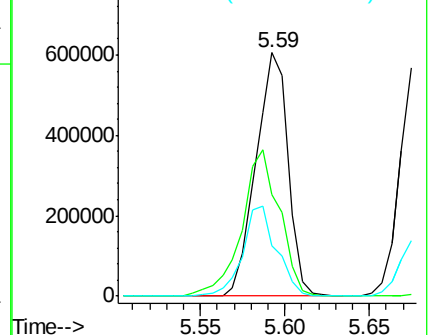
65 20.7 16.0 24.0

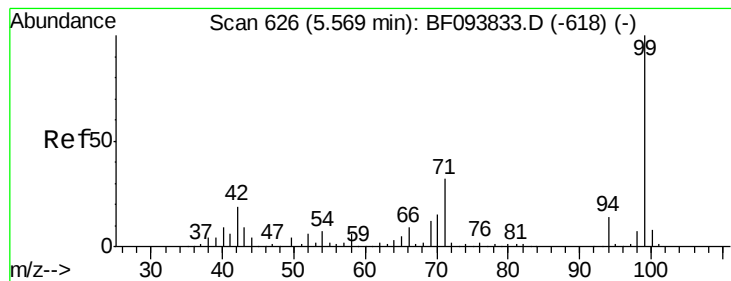


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.77 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

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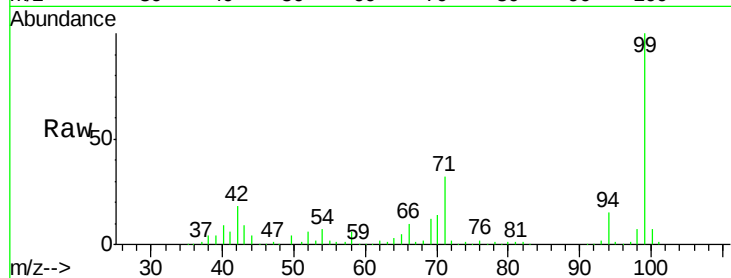
Tgt Ion: 99 Resp: 1171625

Ion Ratio Lower Upper

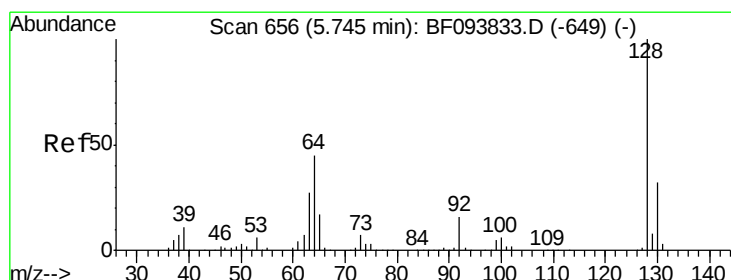
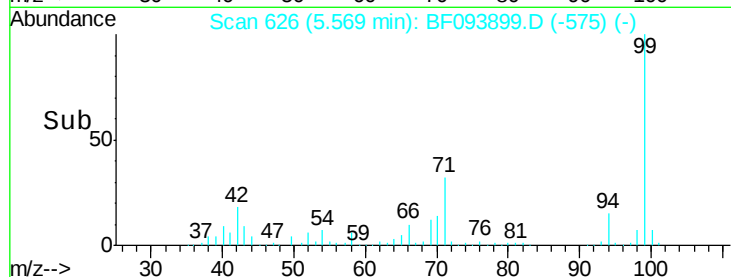
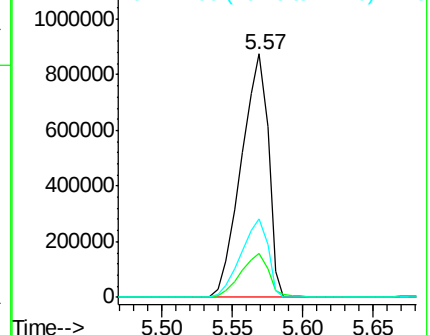
99 100

42 17.9 13.5 20.3

71 32.4 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: 40.15 ng

RT: 5.73 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

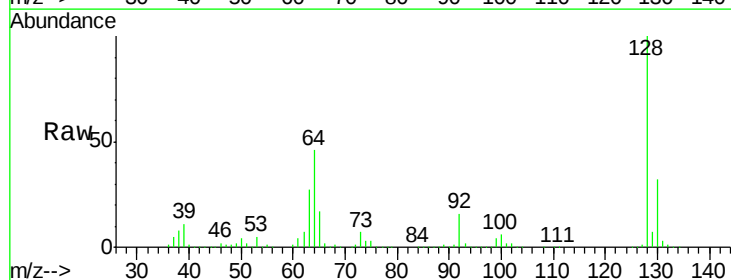
Tgt Ion: 128 Resp: 530586

Ion Ratio Lower Upper

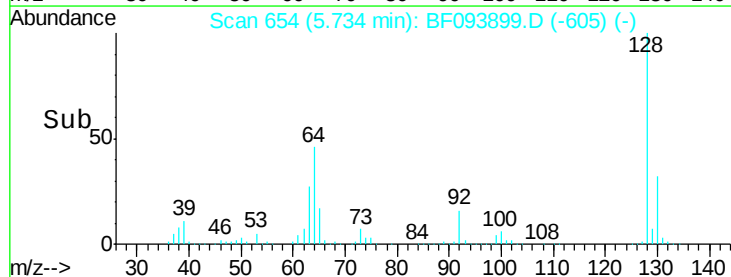
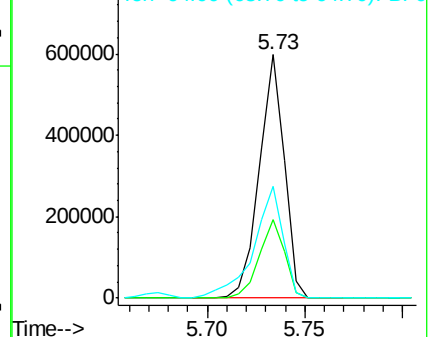
128 100

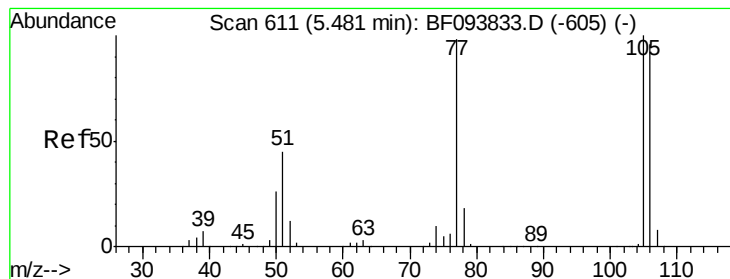
130 32.1 12.9 52.9

64 45.9 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: 38.63 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

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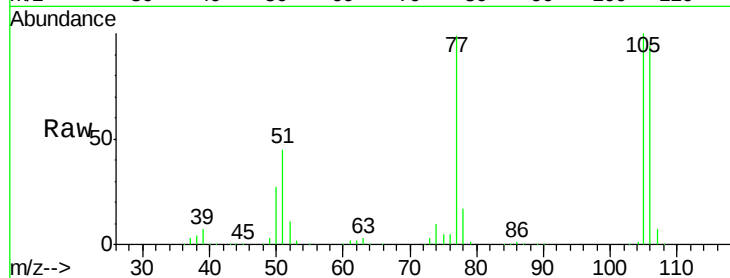
Tgt Ion: 77 Resp: 387982

Ion Ratio Lower Upper

77 100

105 100.9 83.8 123.8

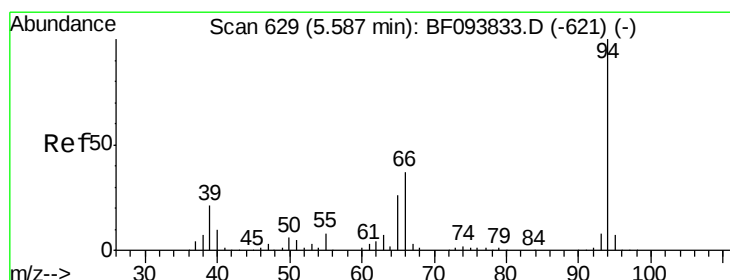
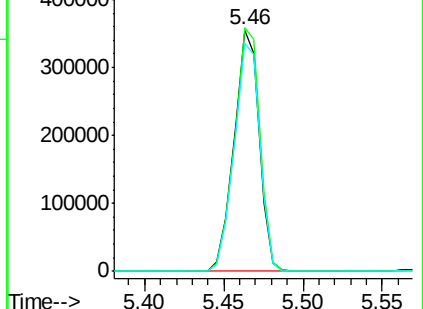
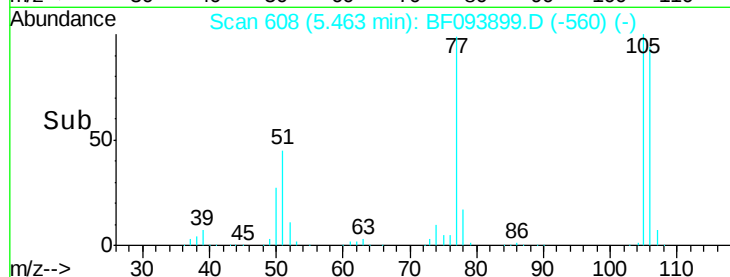
106 94.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.06 ng

RT: 5.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

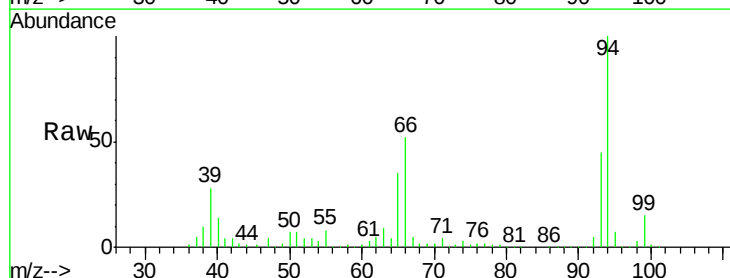
Tgt Ion: 94 Resp: 661135

Ion Ratio Lower Upper

94 100

65 34.9 9.9 49.9

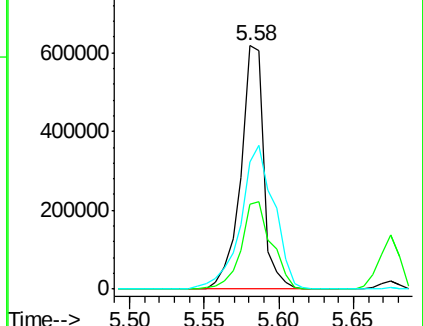
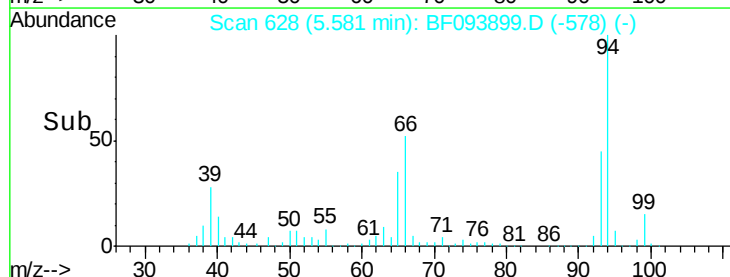
66 52.4 23.1 63.1

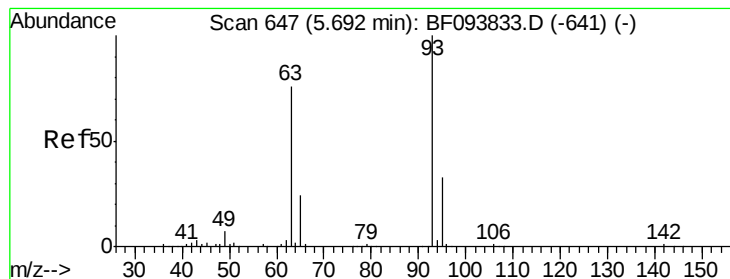


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.99 ng

RT: 5.67 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

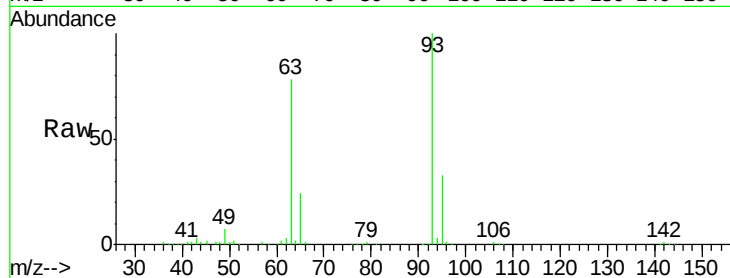
Tgt Ion: 93 Resp: 528904

Ion Ratio Lower Upper

93 100

63 78.3 59.2 99.2

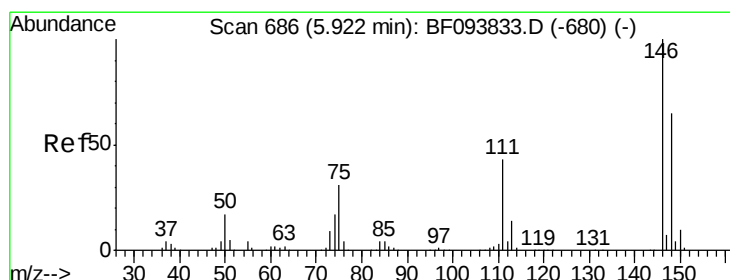
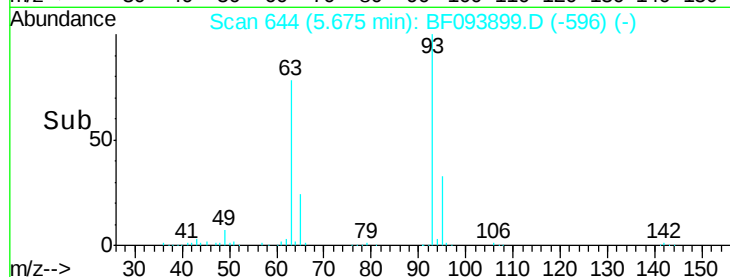
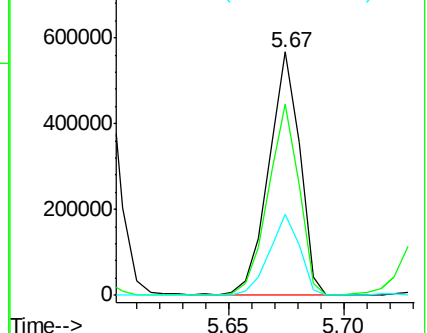
95 33.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.58 ng

RT: 5.90 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

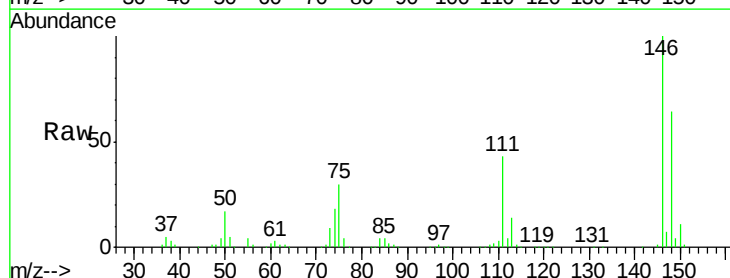
Tgt Ion: 146 Resp: 586702

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

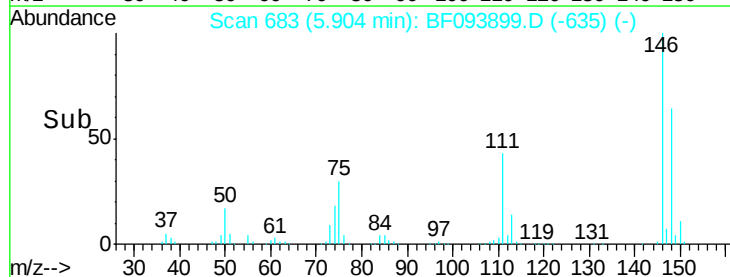
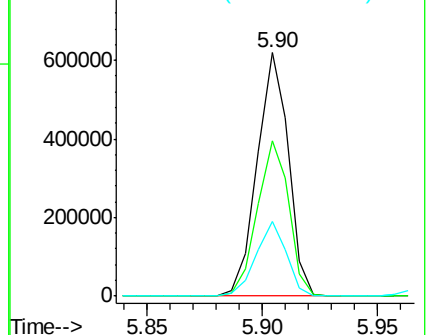
75 30.4 23.1 34.7

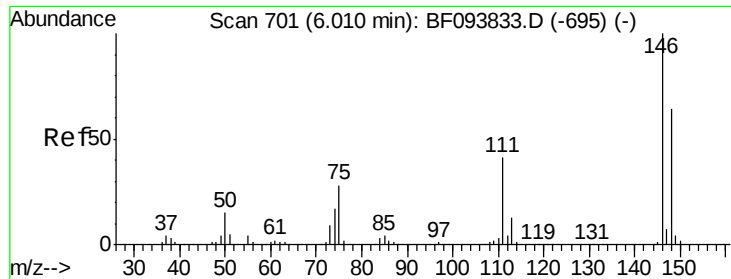


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

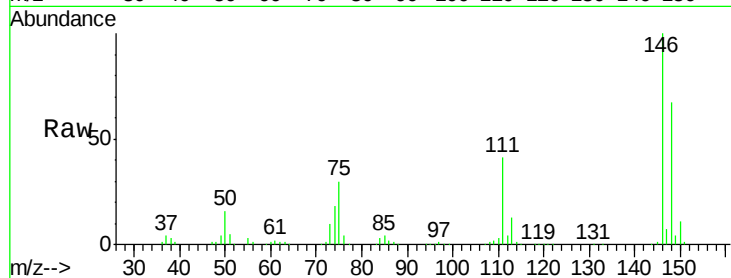




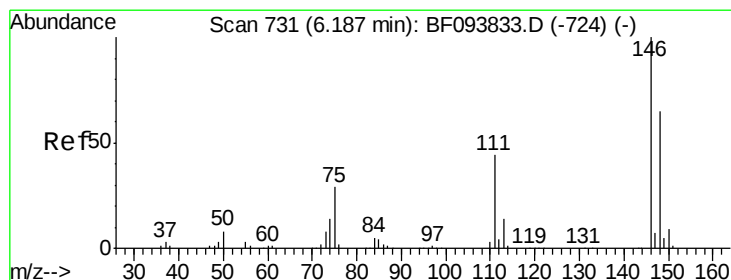
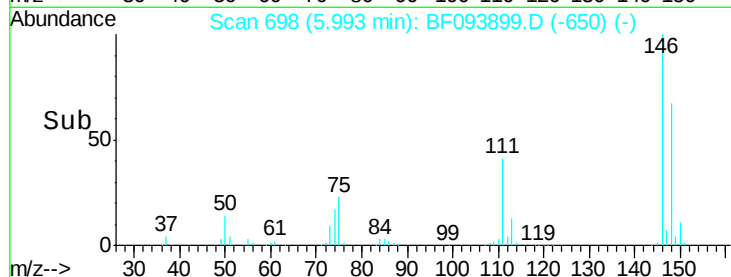
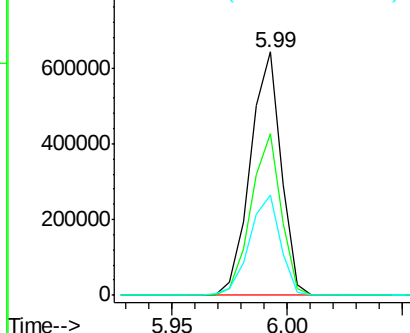
#13
 1,4-Dichlorobenzene
 Concen: 39.77 ng
 RT: 5.99 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 597048
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.2 78.2
 111 41.4 30.3 45.5

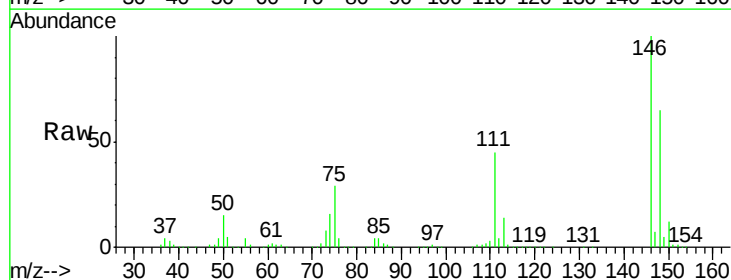


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

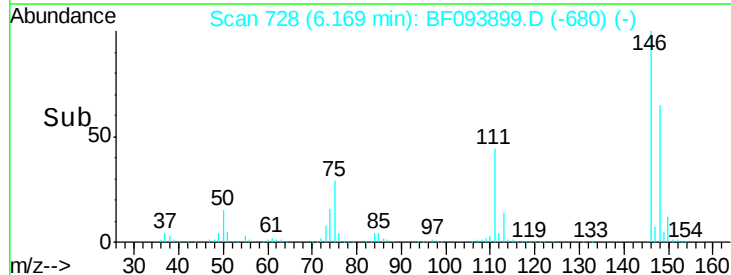
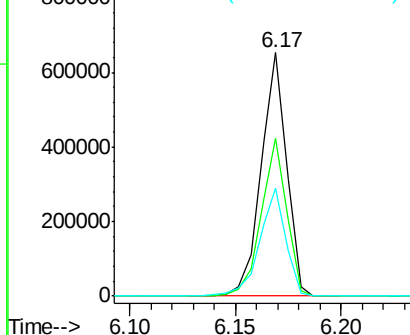


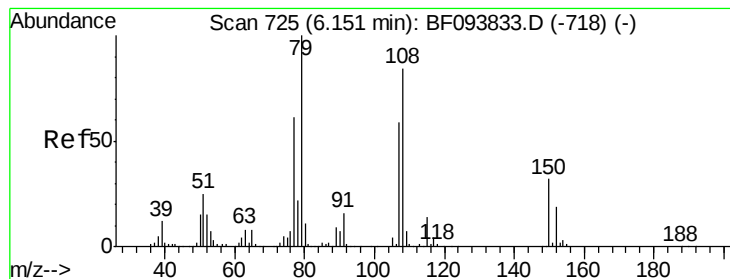
#14
 1,2-Dichlorobenzene
 Concen: 39.56 ng
 RT: 6.17 min Scan# 728
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:146 Resp: 547054
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.4 75.6
 111 44.5 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: 39.88 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

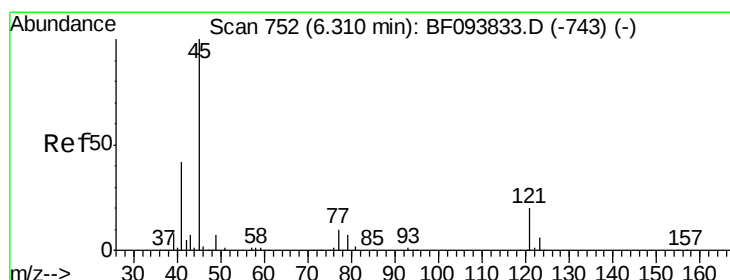
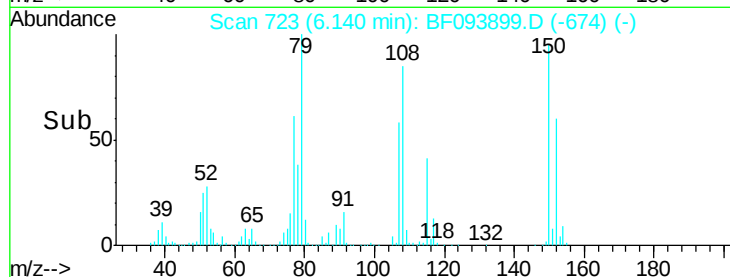
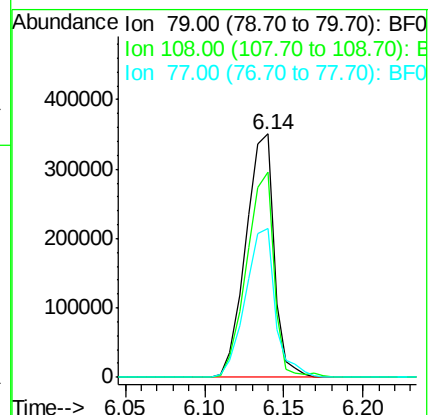
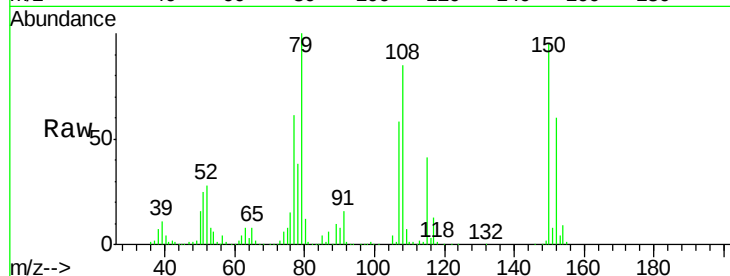
Tgt Ion: 79 Resp: 434145

Ion Ratio Lower Upper

79 100

108 84.5 63.4 95.0

77 61.3 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.68 ng

RT: 6.30 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

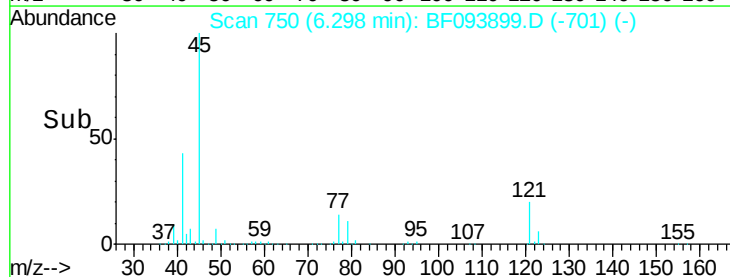
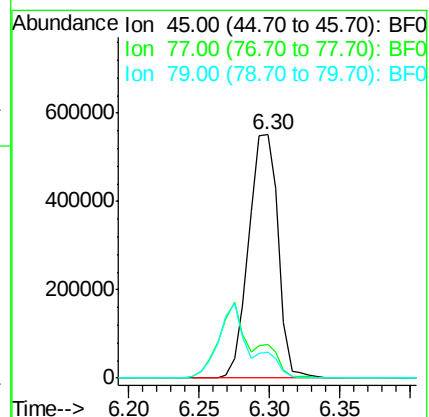
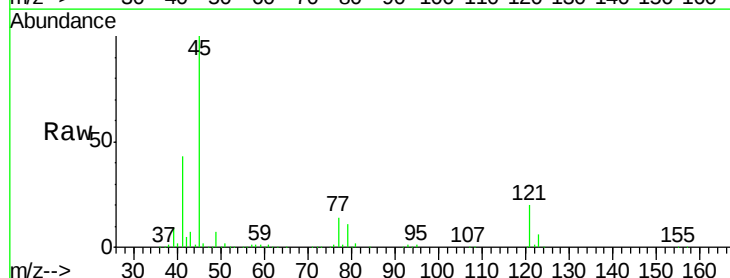
Tgt Ion: 45 Resp: 808863

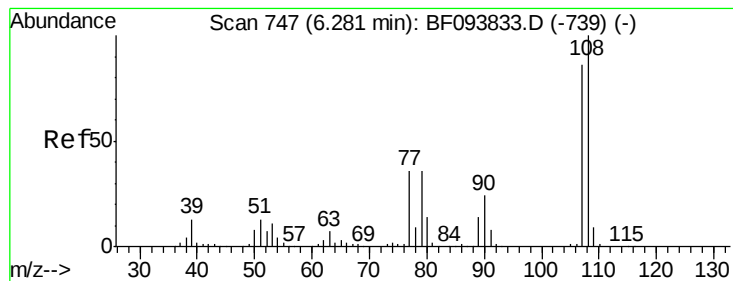
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.2

79 10.6 0.0 30.0





#17

2-Methylphenol

Concen: 40.22 ng

RT: 6.27 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 455233

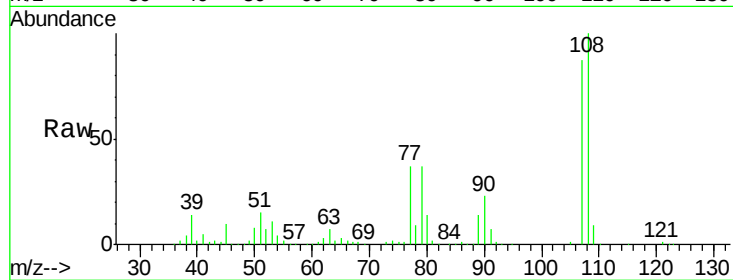
Ion Ratio Lower Upper

107 100

108 114.4 93.4 140.0

77 42.8 35.8 53.6

79 42.3 34.8 52.2

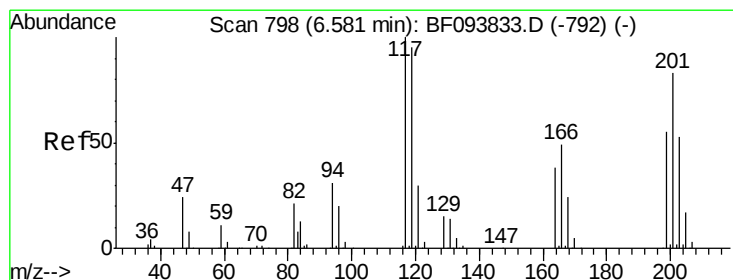
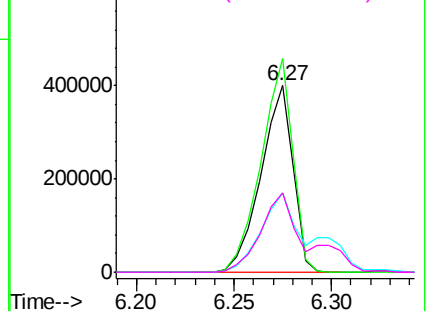
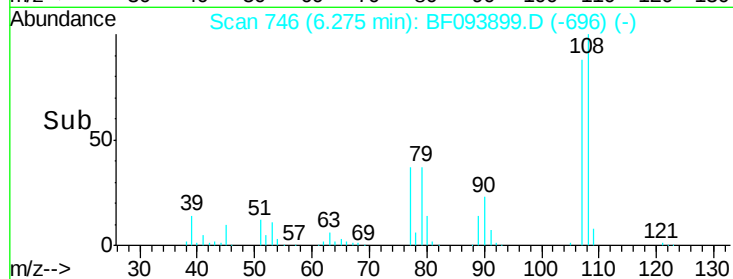


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.13 ng

RT: 6.56 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

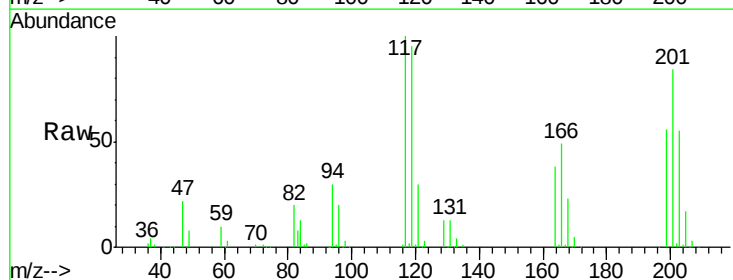
Tgt Ion:117 Resp: 217060

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.0

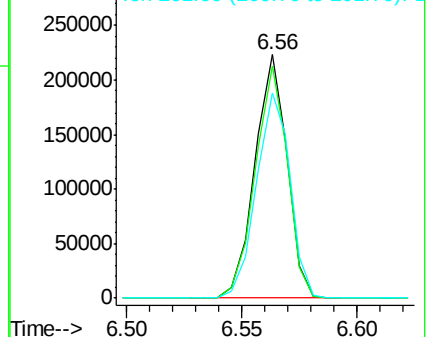
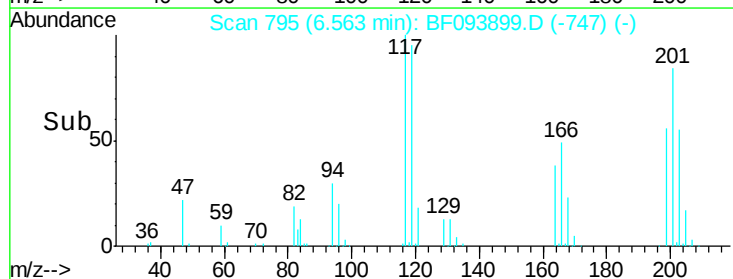
201 84.0 94.6 141.8#

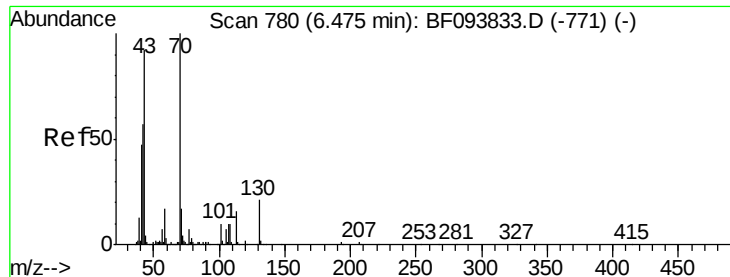


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

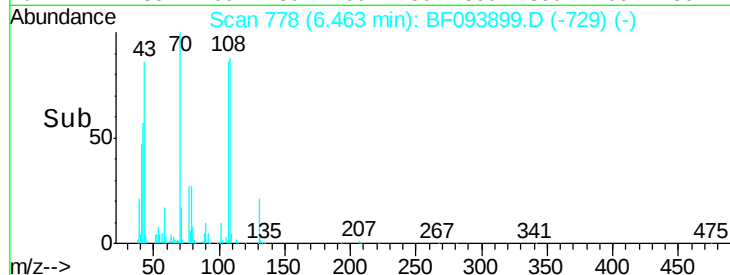
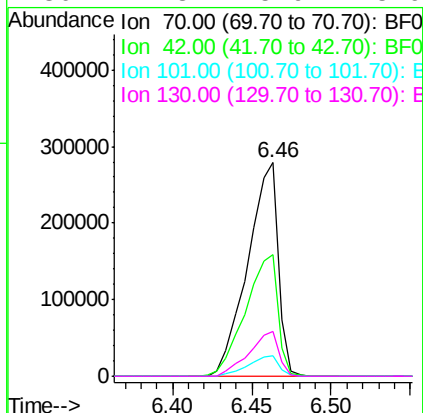
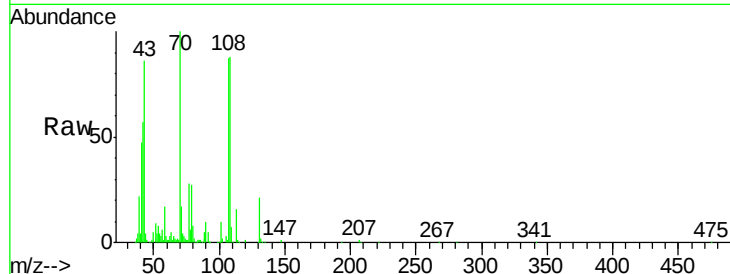




#19
n-Nitroso-di-n-propylamine
Concen: 39.13 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

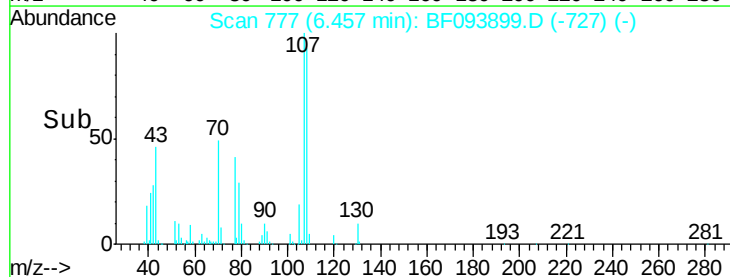
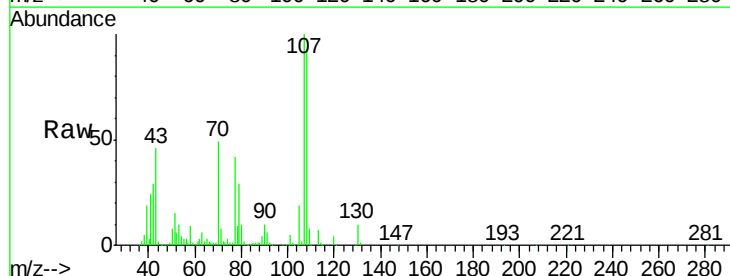
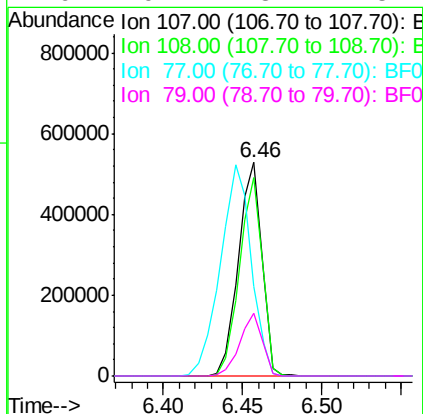
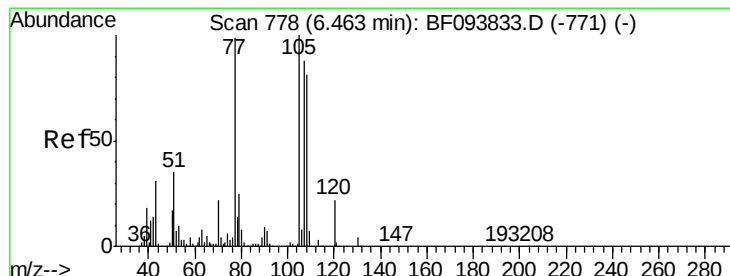
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

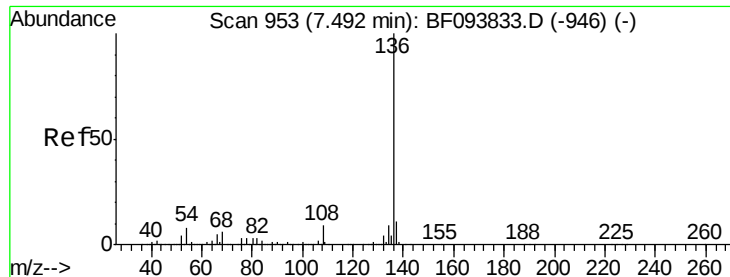
Tgt Ion:	70	Resp:	374052
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.2	70.8
101	9.7	7.2	10.8
130	21.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.43 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Tgt Ion:	107	Resp:	540501
Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.0	111.0
77	42.0	90.5	130.5#
79	29.2	8.4	48.4

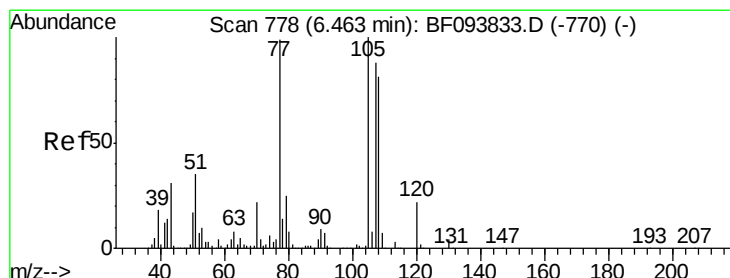
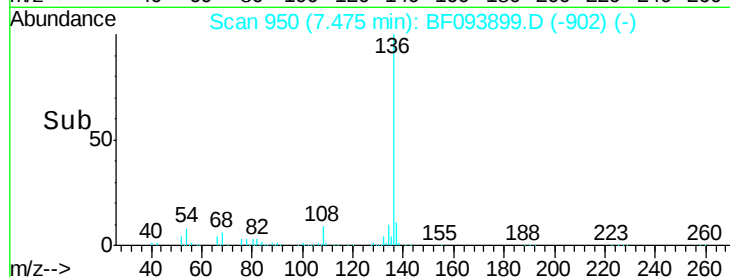
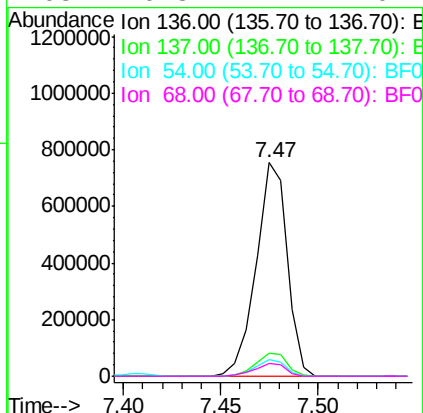
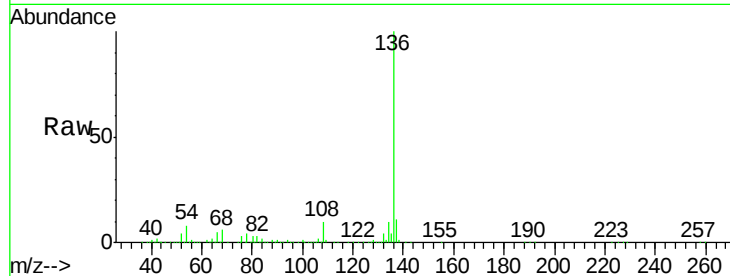




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.47 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

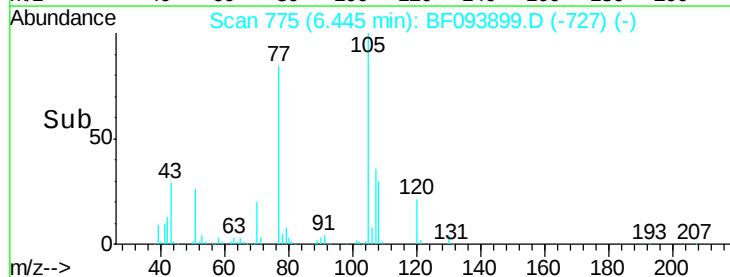
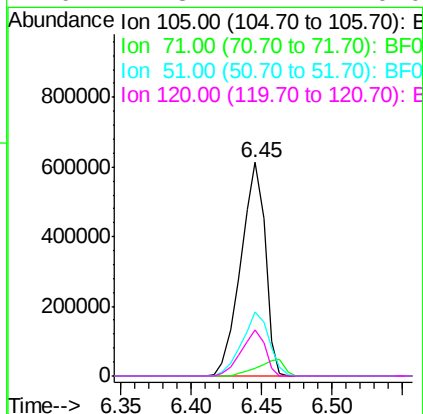
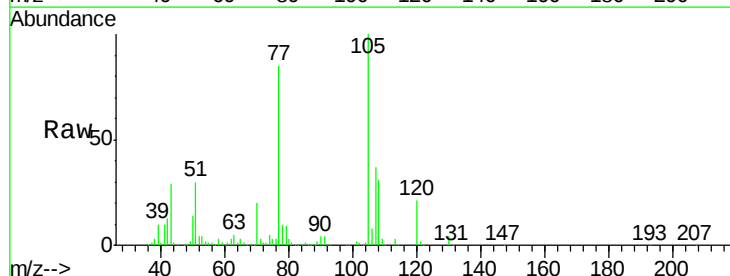
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

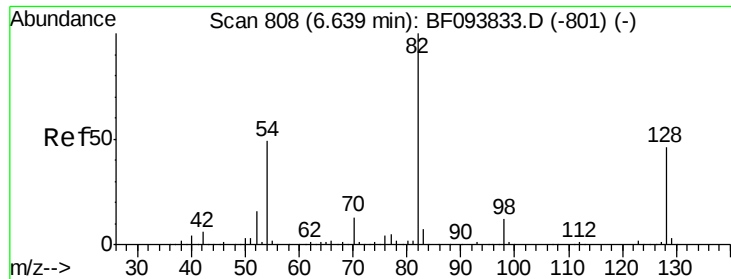
Tgt Ion:	136	Resp:	830289
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.9	4.9	7.3#
68	6.3	4.1	6.1#



#22
Acetophenone
Concen: 40.11 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Tgt Ion:	105	Resp:	742170
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.8	4.2
51	30.0	30.7	46.1#
120	21.3	17.4	26.0

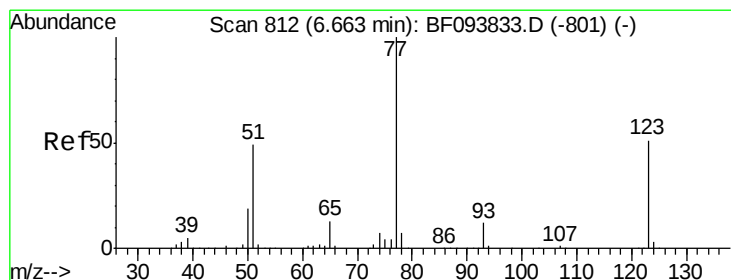
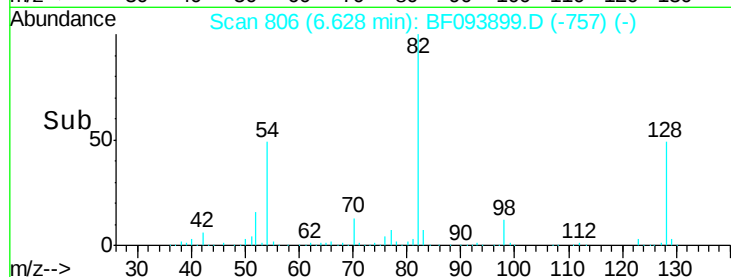
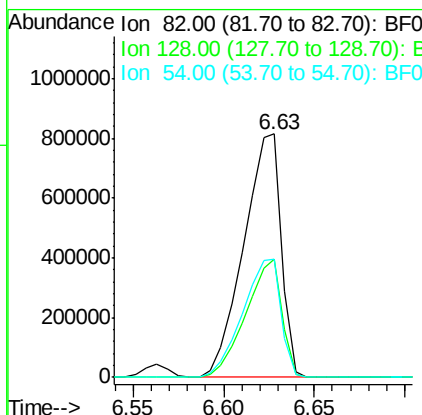
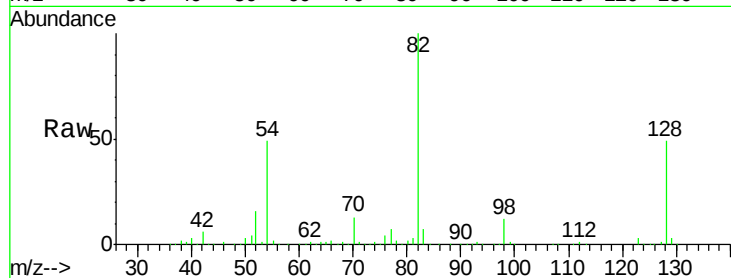




#23
 Nitrobenzene-d5
 Concen: 80.62 ng
 RT: 6.63 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

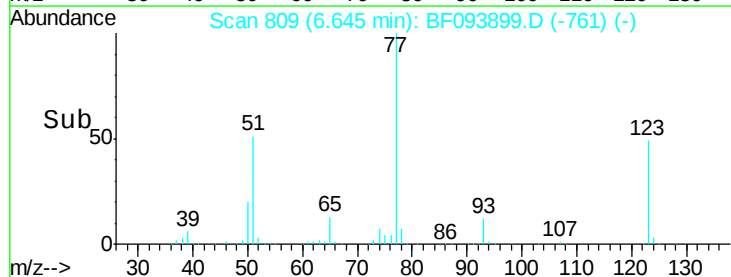
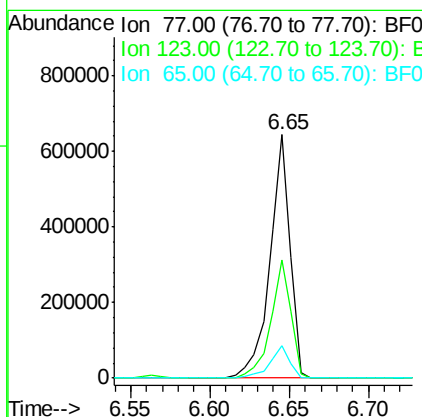
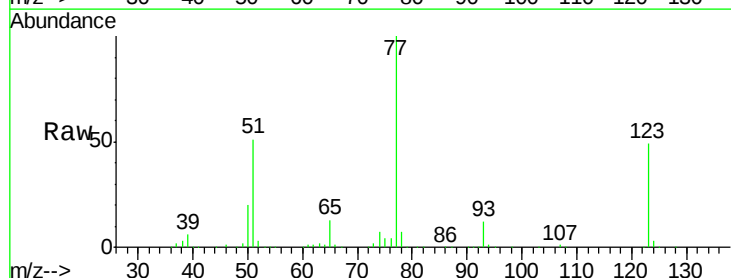
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

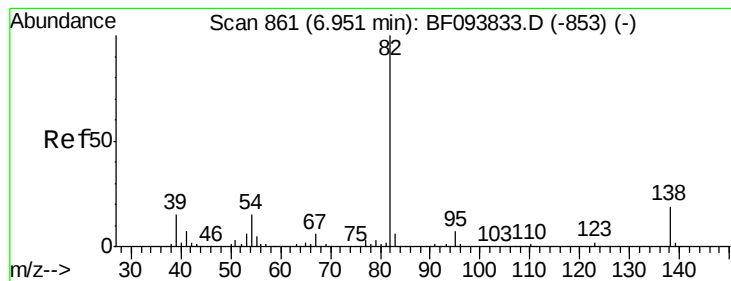
Tgt Ion: 82 Resp: 1172997
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.0 51.0
 54 48.6 42.2 63.2



#24
 Nitrobenzene
 Concen: 39.88 ng
 RT: 6.65 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion: 77 Resp: 572208
 Ion Ratio Lower Upper
 77 100
 123 48.7 35.8 53.8
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 40.50 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

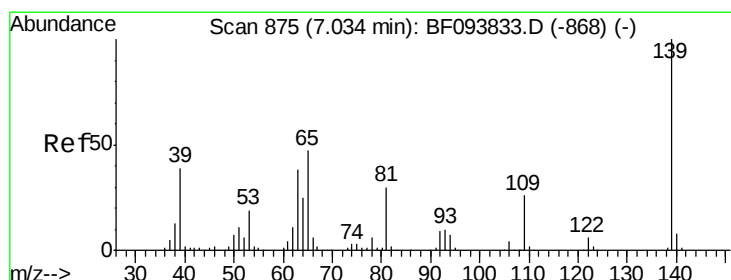
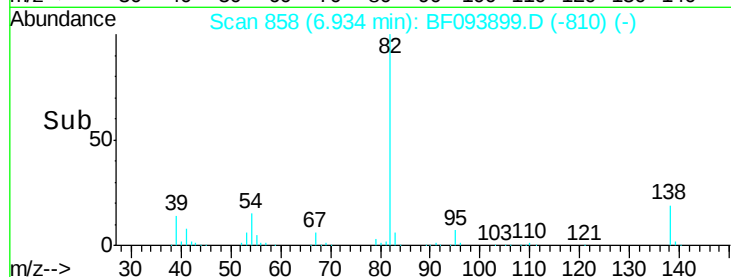
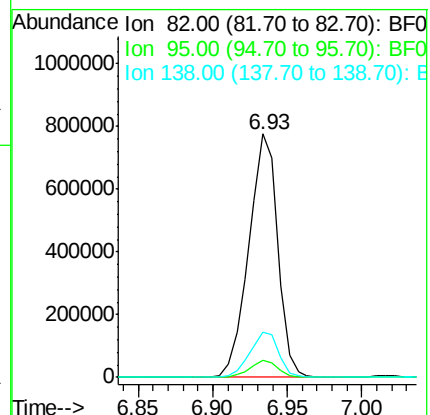
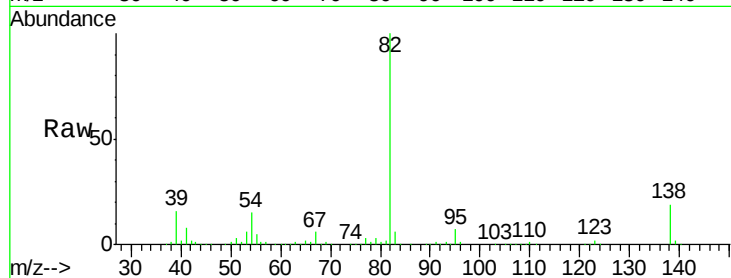
Tgt Ion: 82 Resp: 1035341

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 43.80 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

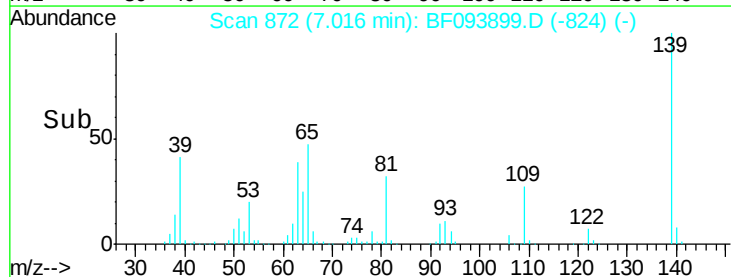
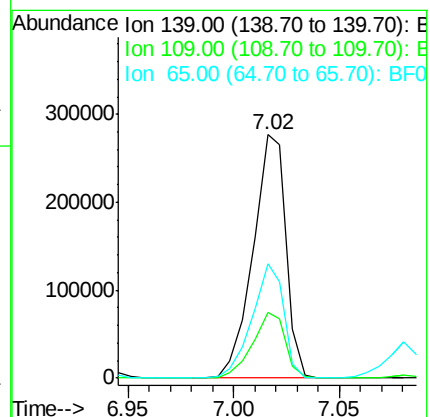
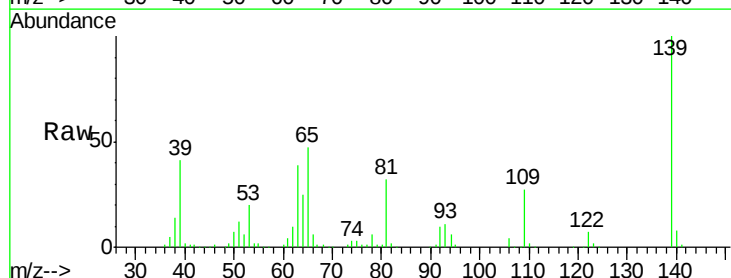
Tgt Ion: 139 Resp: 299727

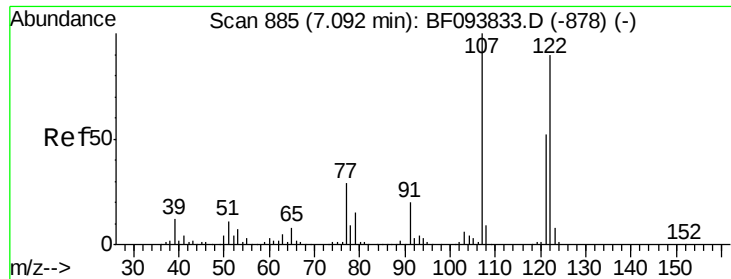
Ion Ratio Lower Upper

139 100

109 26.9 21.0 31.6

65 47.1 33.0 49.6

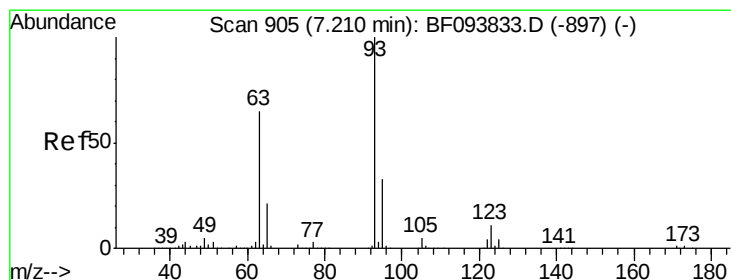
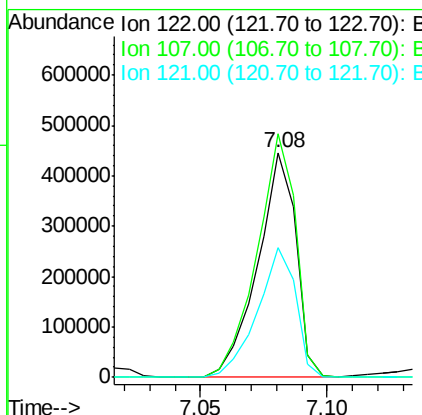
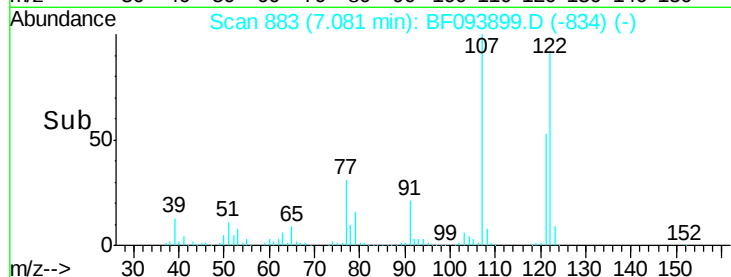
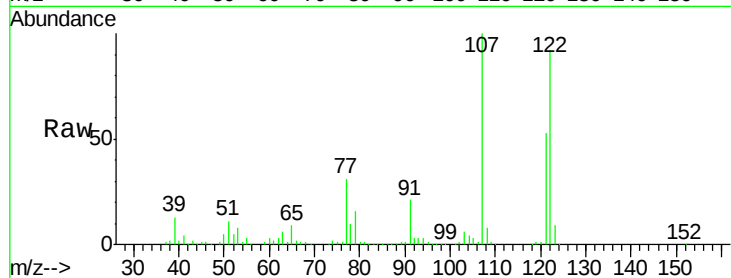




#27
 2,4-Dimethylphenol
 Concen: 40.02 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

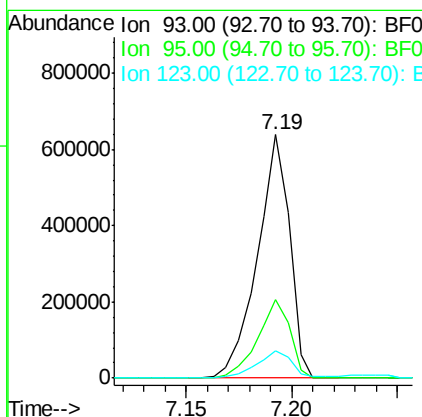
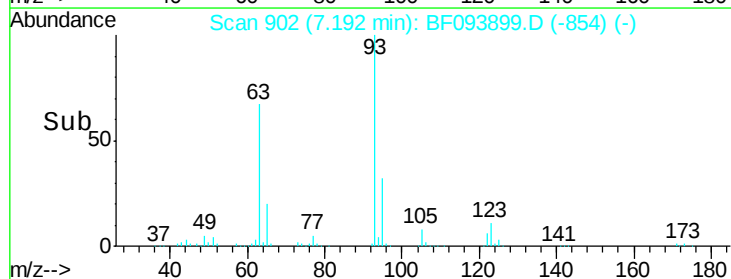
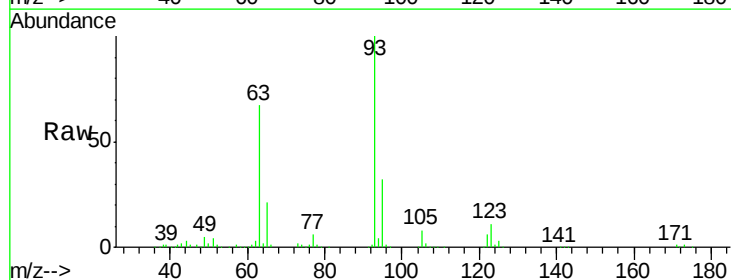
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

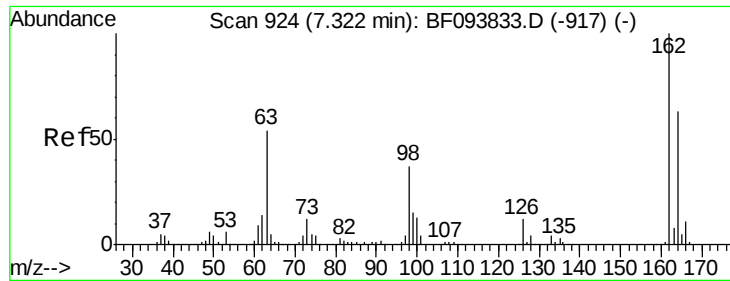
Tgt Ion: 122 Resp: 471916
 Ion Ratio Lower Upper
 122 100
 107 108.2 89.2 133.8
 121 57.8 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.08 ng
 RT: 7.19 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion: 93 Resp: 675658
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.5 9.0 13.4

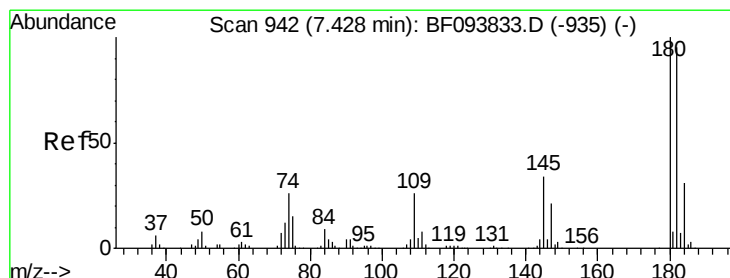
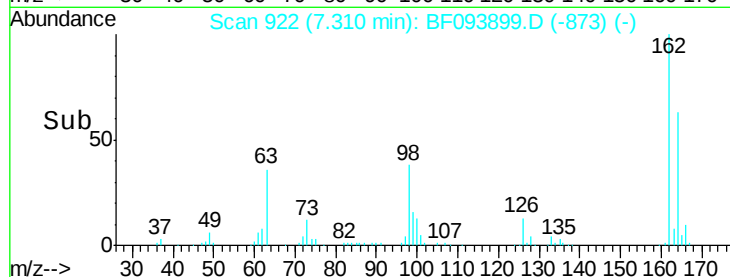
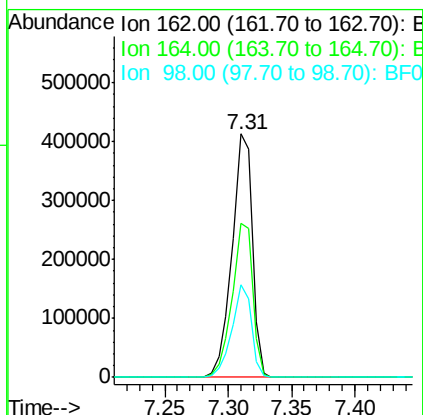
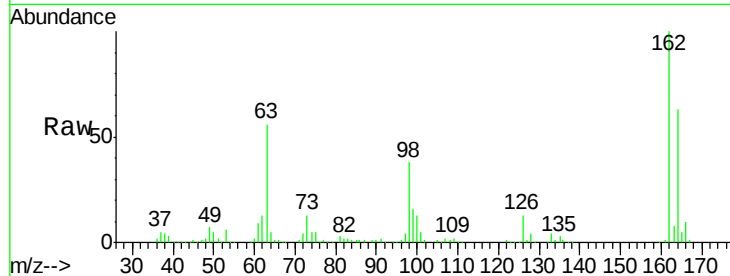




#29
 2,4-Dichlorophenol
 Concen: 41.30 ng
 RT: 7.31 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

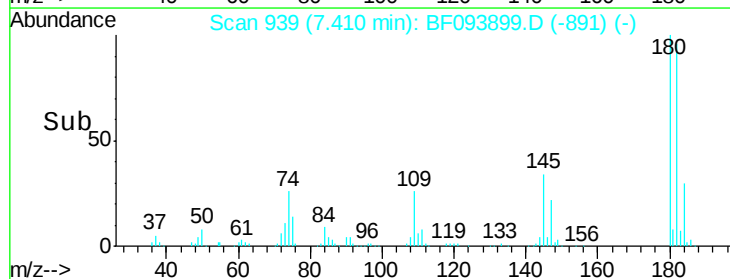
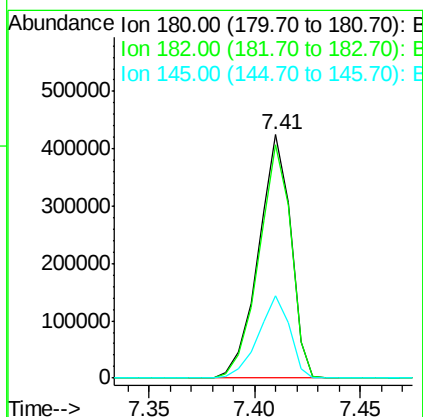
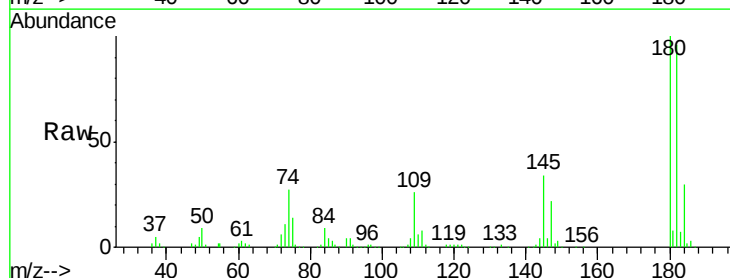
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

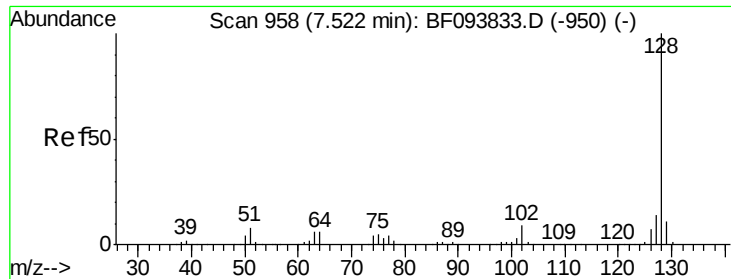
Tgt Ion:162 Resp: 455311
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.6 84.6
 98 38.1 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.69 ng
 RT: 7.41 min Scan# 939
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:180 Resp: 450718
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.8 113.6
 145 33.6 25.3 37.9

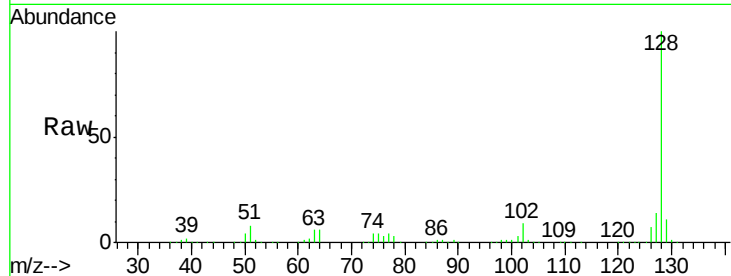




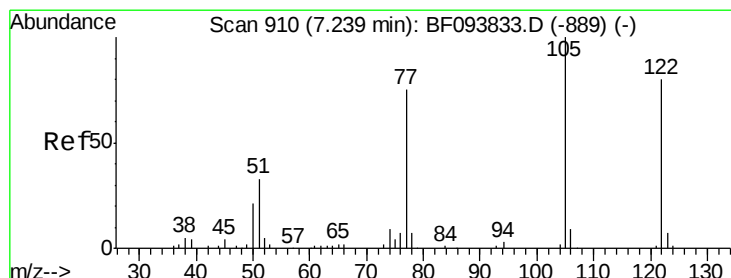
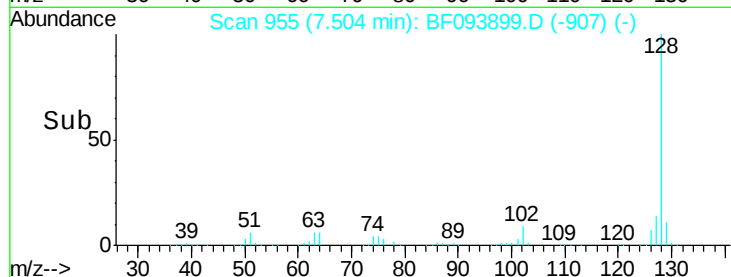
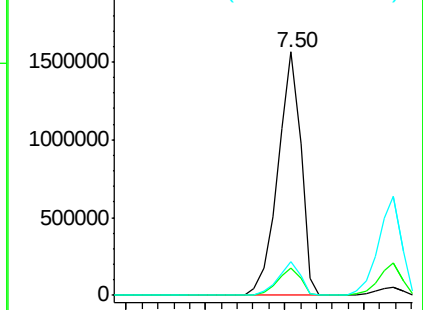
#31
Naphthalene
Concen: 39.31 ng
RT: 7.50 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1569495
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 10.8 16.2

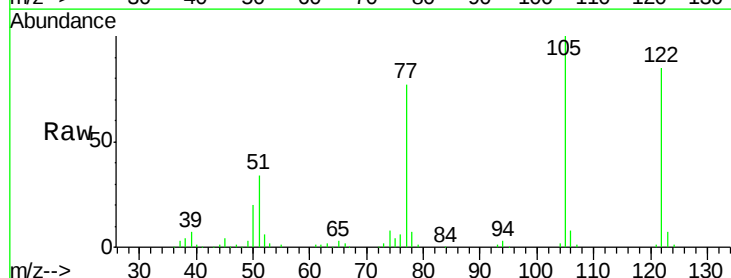


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

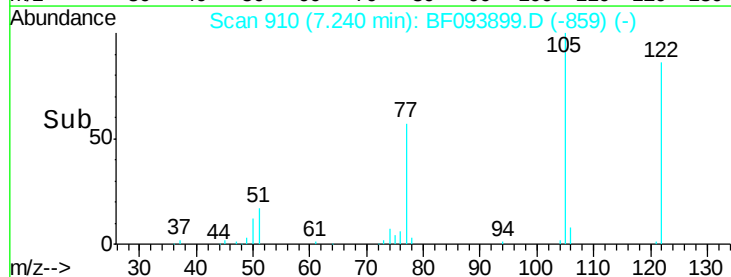
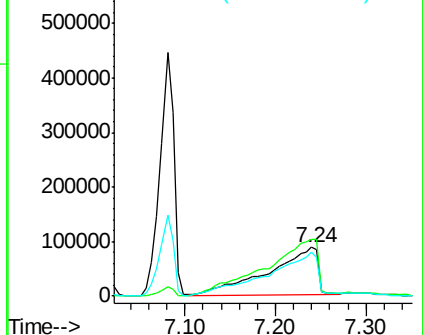


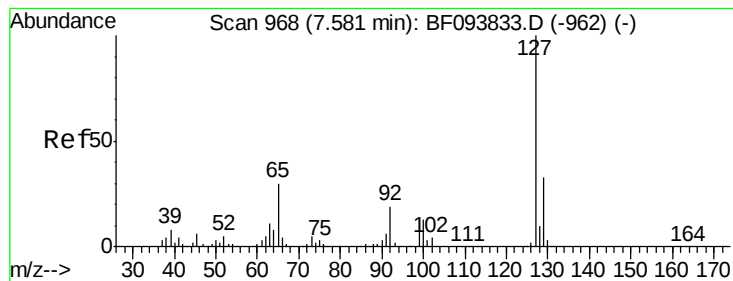
#32
Benzoic acid
Concen: 42.27 ng
RT: 7.24 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Tgt Ion:122 Resp: 331757
Ion Ratio Lower Upper
122 100
105 117.2 103.3 143.3
77 90.4 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: 40.19 ng

RT: 7.57 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 650333

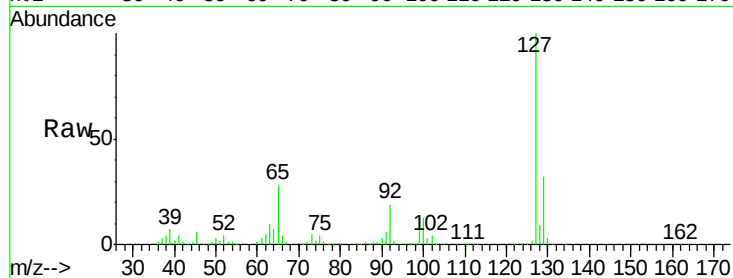
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.2

65 28.2 27.8 41.8

92 18.5 16.8 25.2

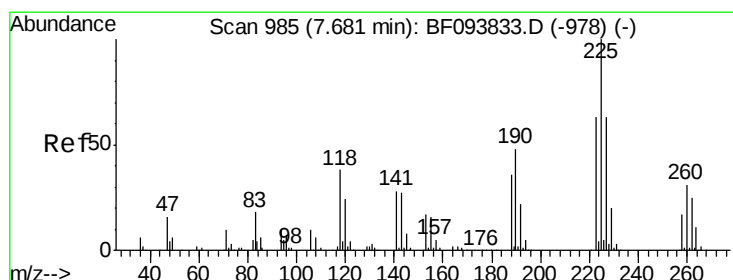
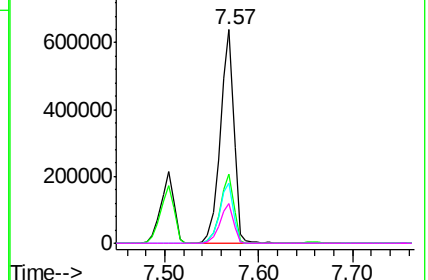
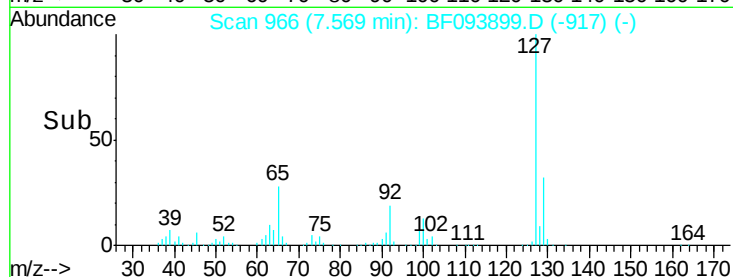


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.71 ng

RT: 7.66 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

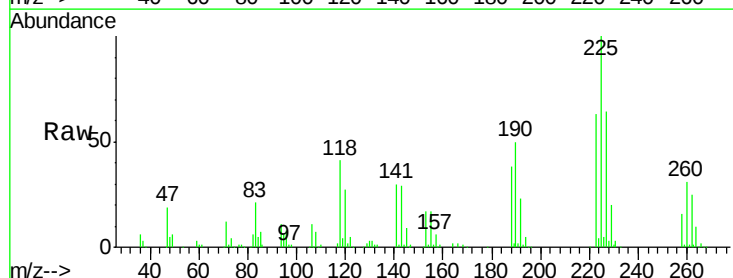
Tgt Ion:225 Resp: 231200

Ion Ratio Lower Upper

225 100

223 63.4 48.8 73.2

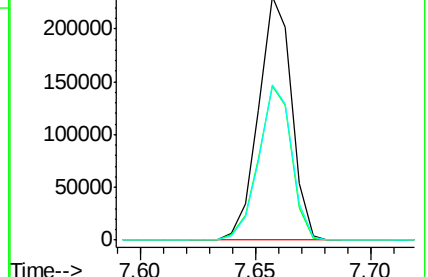
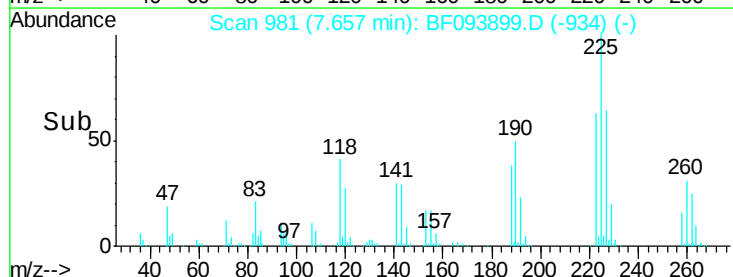
227 63.9 51.1 76.7

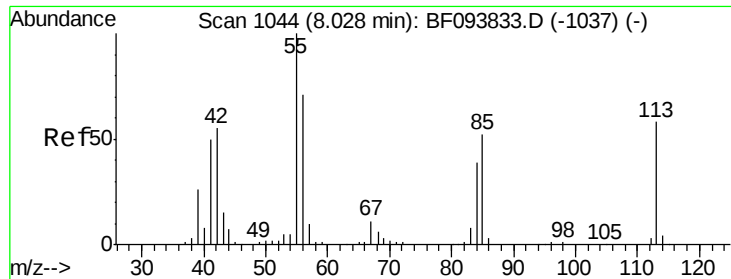


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

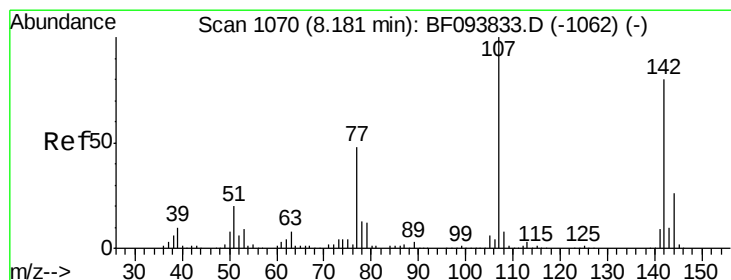
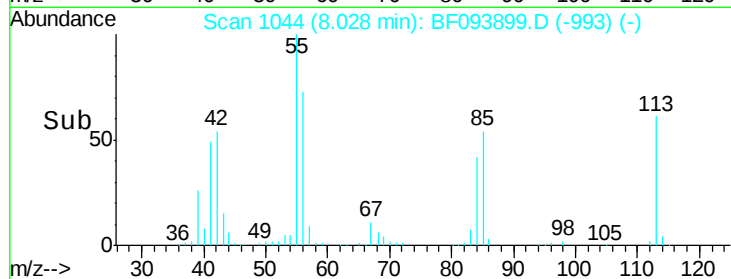
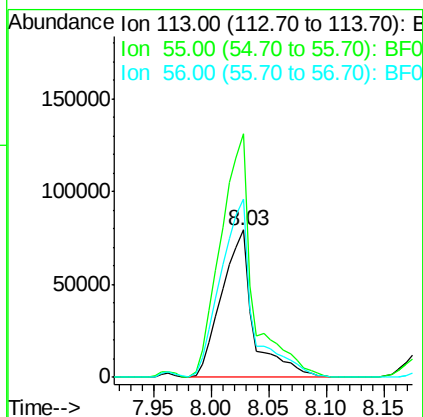
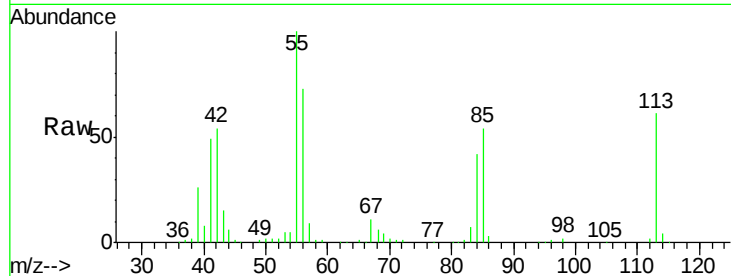




#35
 Caprolactam
 Concen: 43.50 ng
 RT: 8.03 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

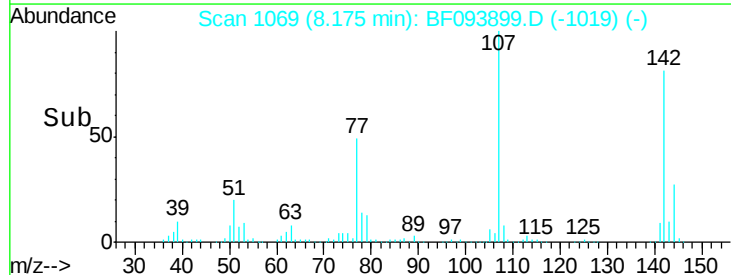
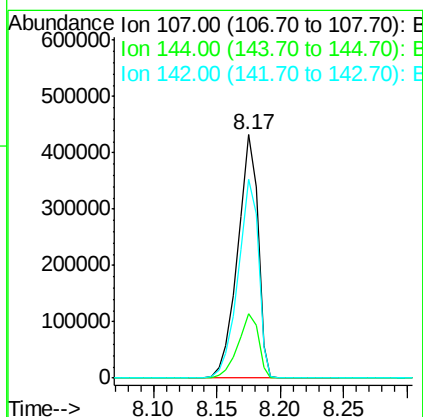
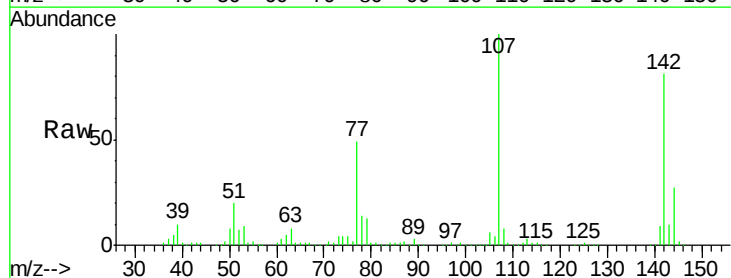
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

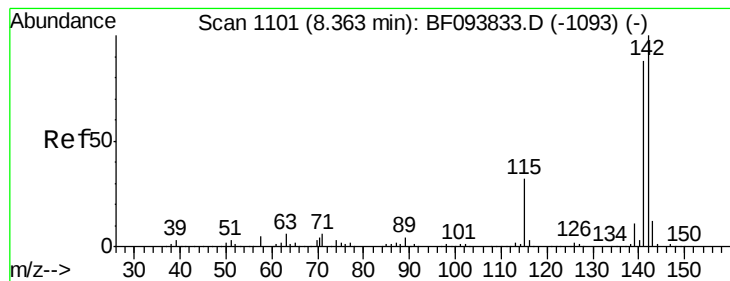
Tgt Ion:113 Resp: 152922
 Ion Ratio Lower Upper
 113 100
 55 165.2 150.2 190.2
 56 121.2 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.34 ng
 RT: 8.17 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:107 Resp: 476265
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 81.4 73.4 110.0





#37

2-Methylnaphthalene

Concen: 39.74 ng

RT: 8.35 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

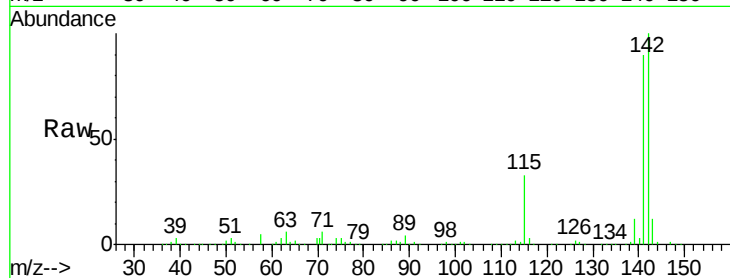
Tgt Ion:142 Resp: 1057587

Ion Ratio Lower Upper

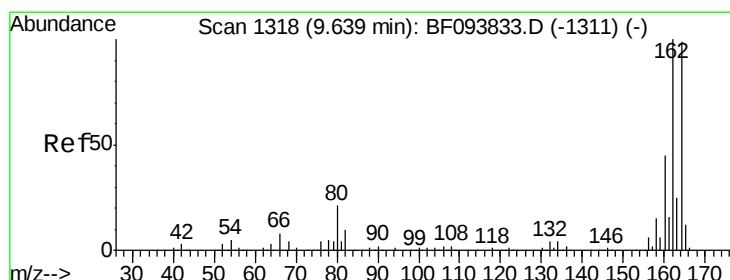
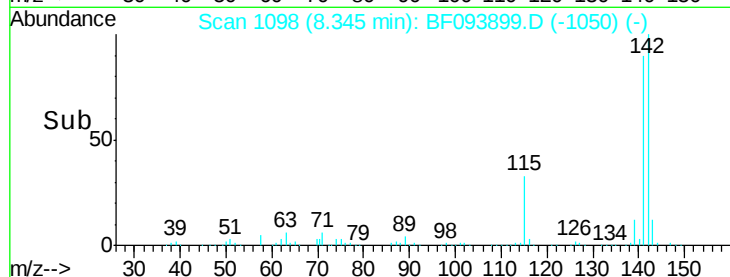
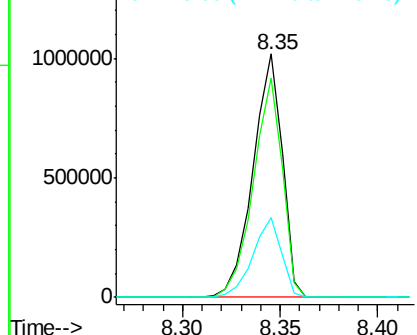
142 100

141 90.3 71.3 106.9

115 32.6 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: 9.62 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

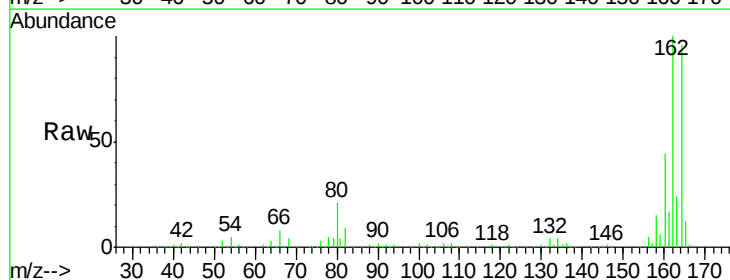
Tgt Ion:164 Resp: 385740

Ion Ratio Lower Upper

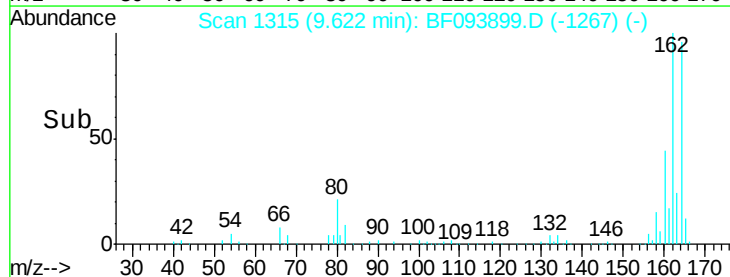
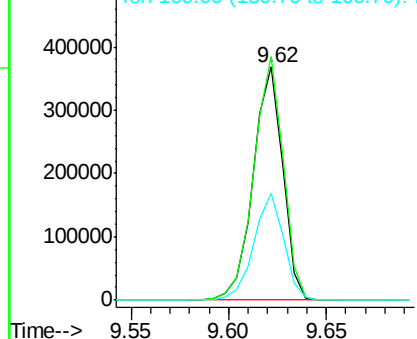
164 100

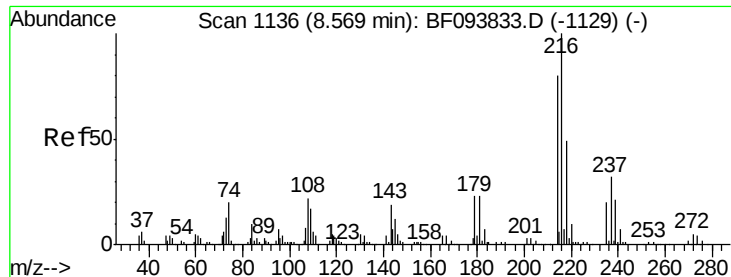
162 104.6 82.6 123.8

160 45.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

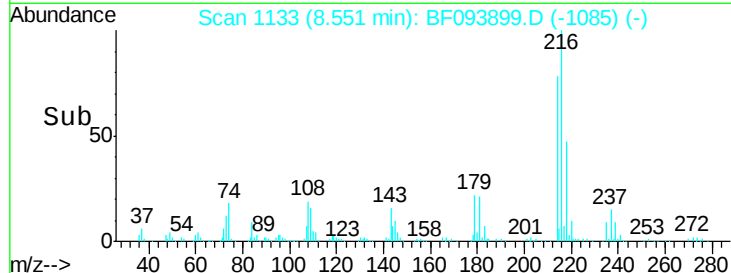
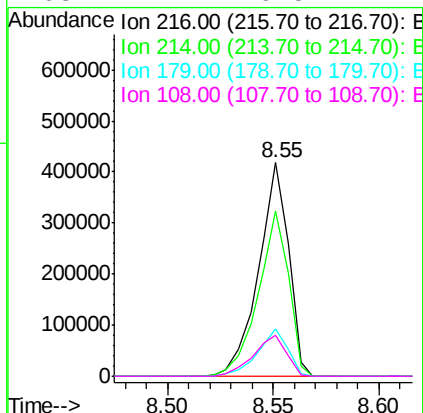
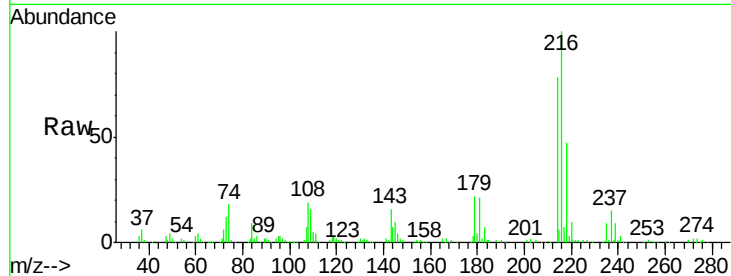




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.13 ng
 RT: 8.55 min Scan# 1133
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

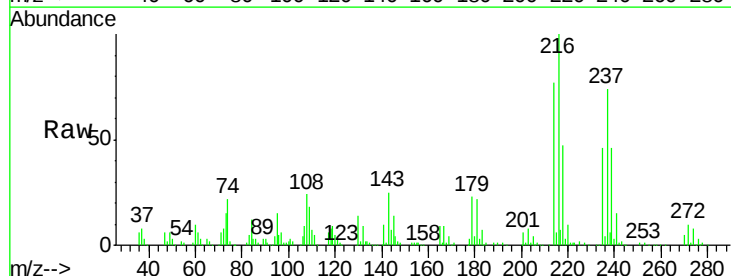
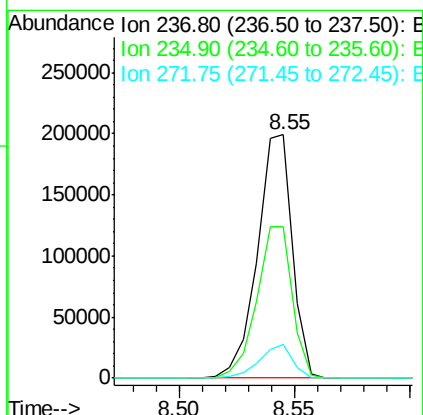
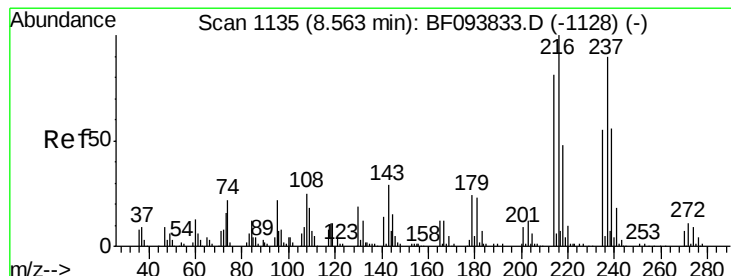
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

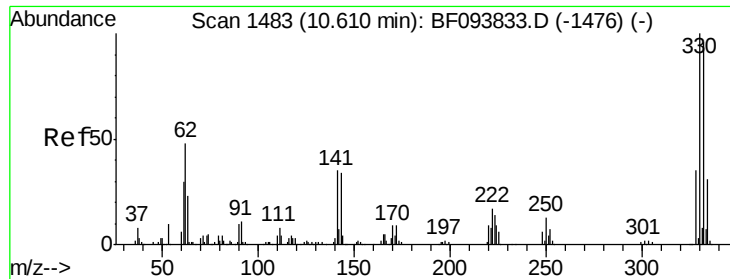
Tgt Ion:	216	Resp:	412945
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.2
179	22.3	17.9	26.9
108	21.2	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 42.56 ng
 RT: 8.55 min Scan# 1132
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:	237	Resp:	210145
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.6	82.6
272	14.0	0.0	31.9

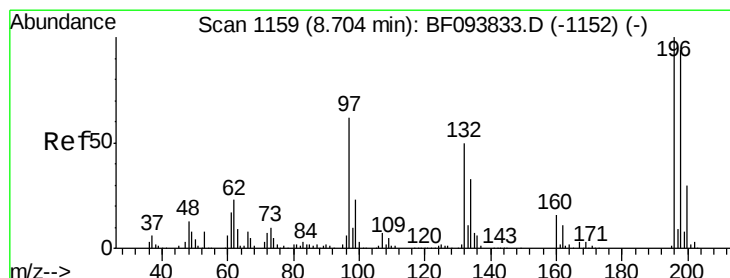
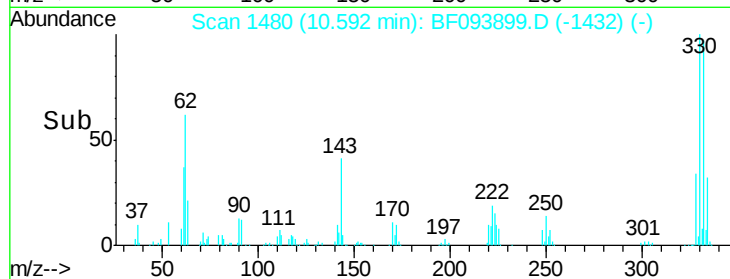
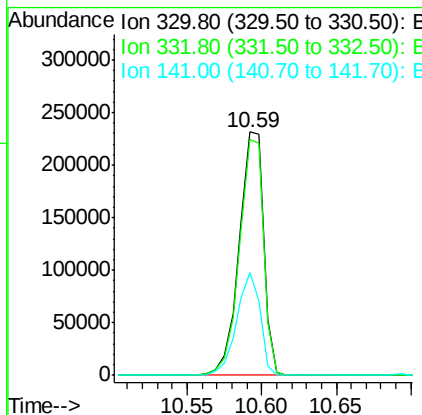
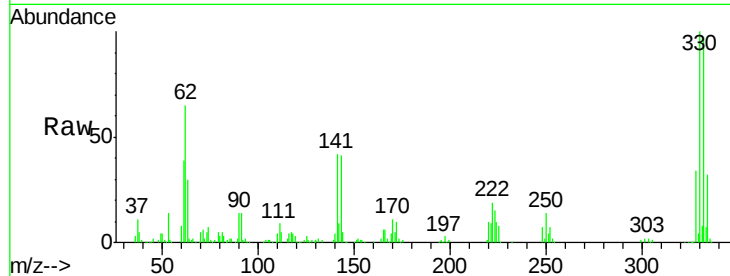




#41
 2,4,6-Tribromophenol
 Concen: 86.65 ng
 RT: 10.59 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

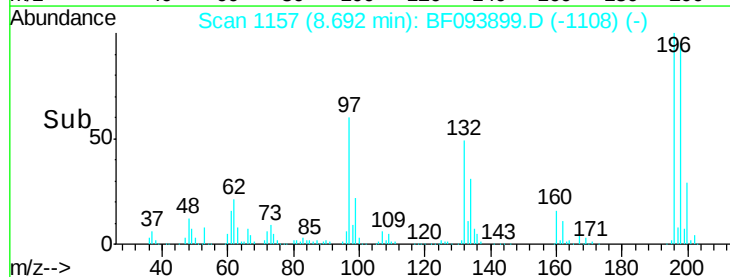
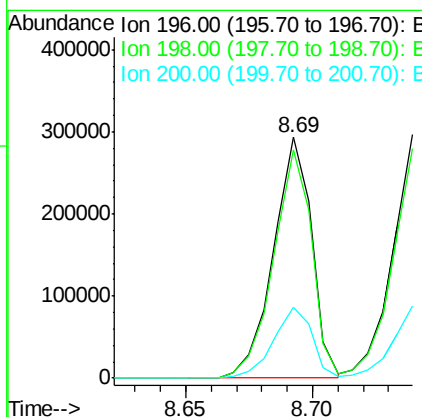
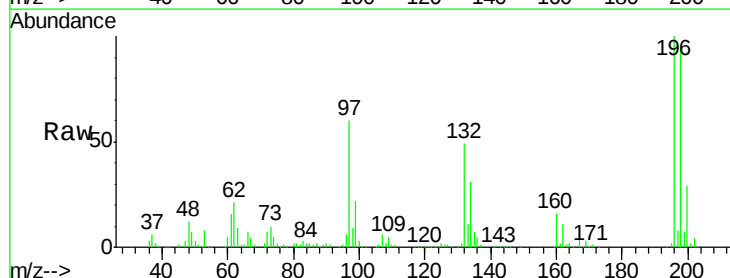
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

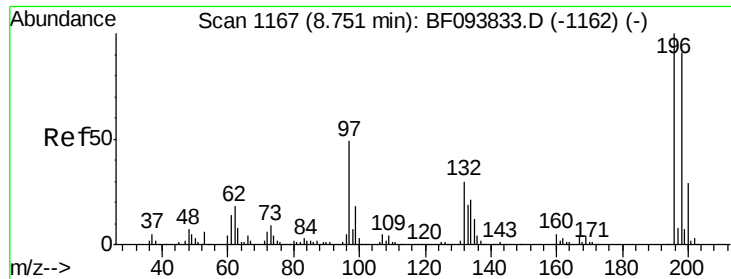
Tgt Ion:330 Resp: 264139
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 40.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.00 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:196 Resp: 306110
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 200 29.5 24.0 36.0

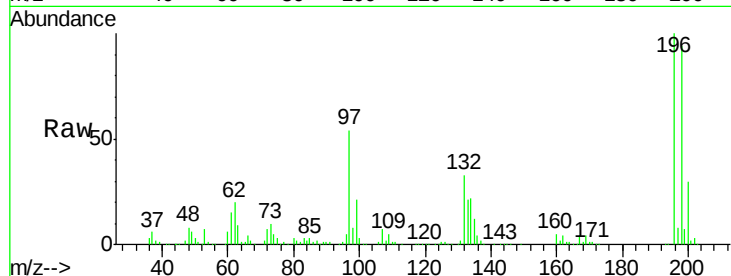




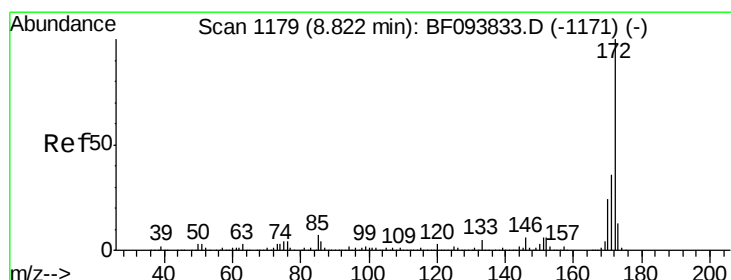
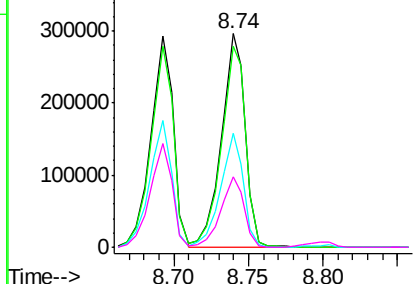
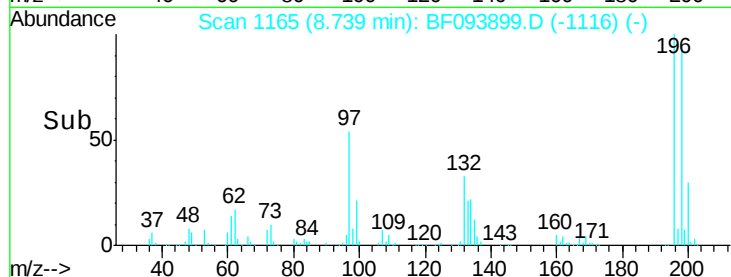
#43
 2,4,5-Trichlorophenol
 Concen: 41.17 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	332576
Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
97	53.6	47.7	71.5
132	32.7	28.0	42.0

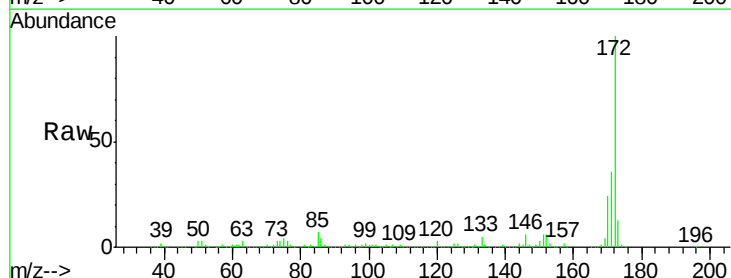


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

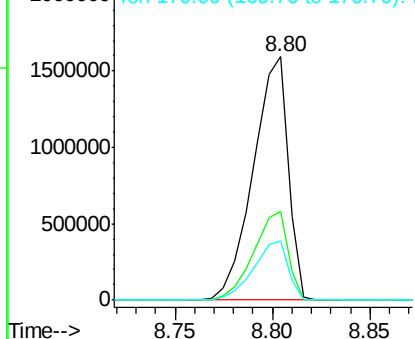
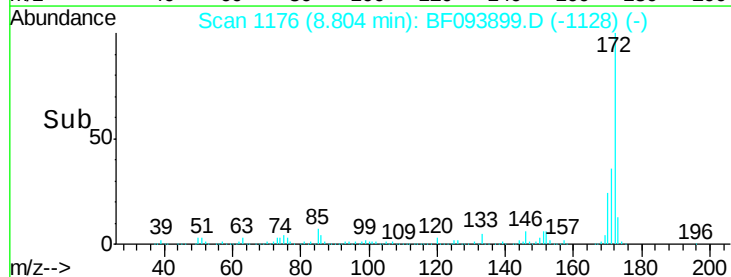


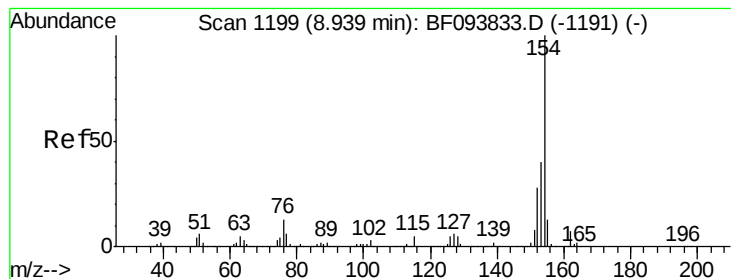
#44
 2-Fluorobiphenyl
 Concen: 78.25 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:	172	Resp:	1979059
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.3	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: 38.59 ng

RT: 8.92 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

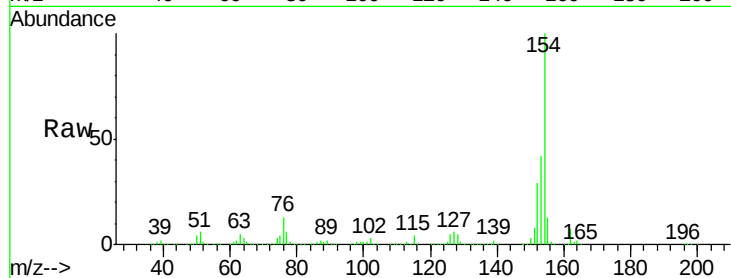
Tgt Ion:154 Resp: 1200754

Ion Ratio Lower Upper

154 100

153 41.5 21.2 61.2

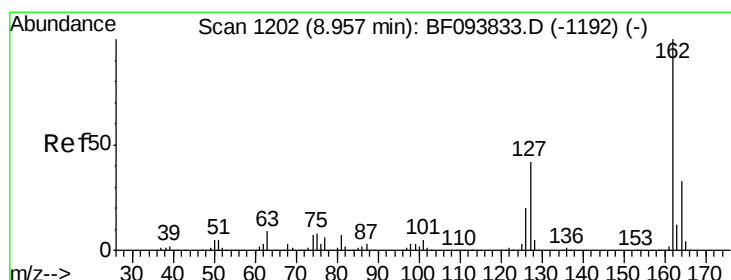
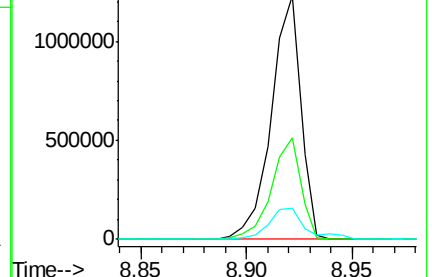
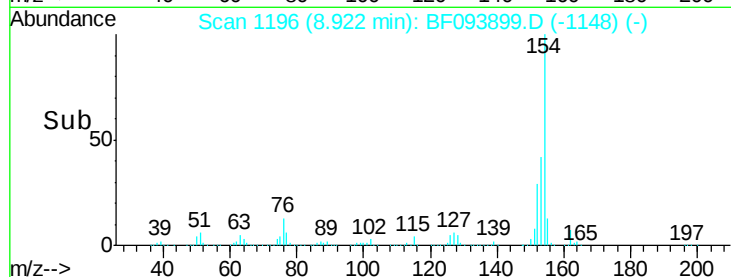
76 13.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.78 ng

RT: 8.94 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

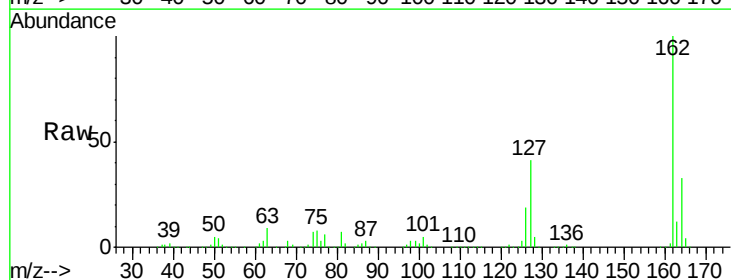
Tgt Ion:162 Resp: 944486

Ion Ratio Lower Upper

162 100

127 41.5 28.3 42.5

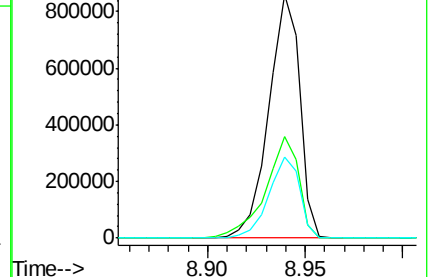
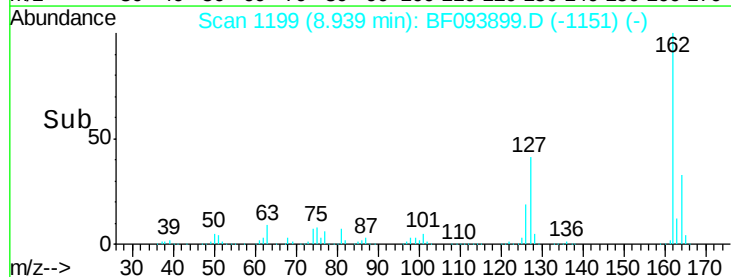
164 33.3 27.0 40.4

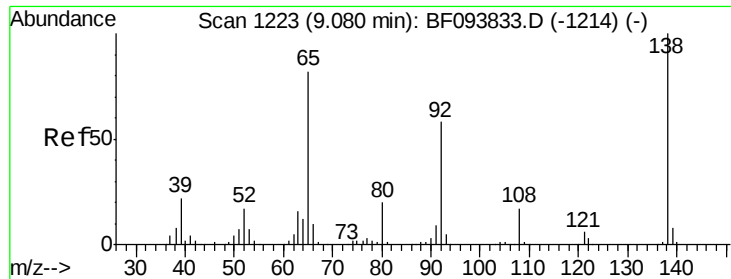


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

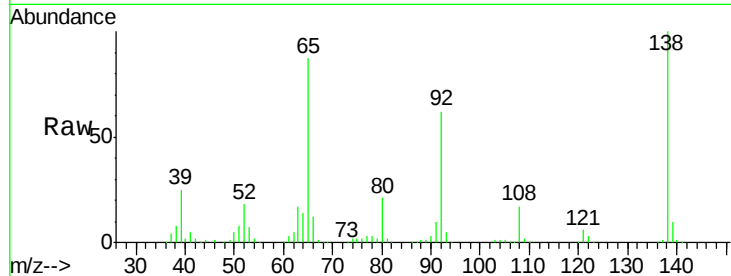




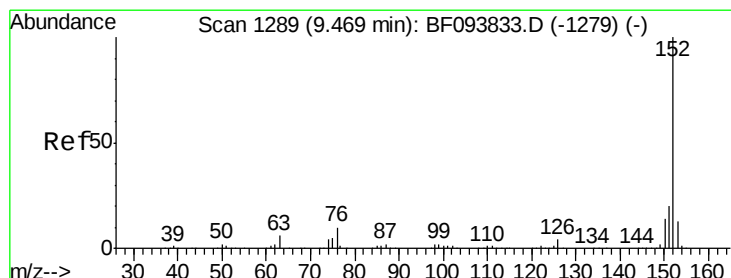
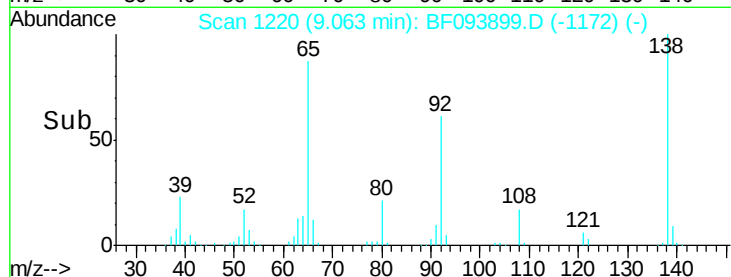
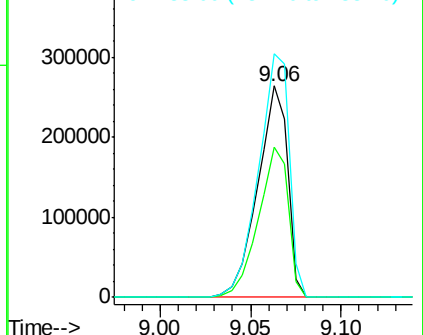
#47
2-Nitroaniline
Concen: 41.90 ng
RT: 9.06 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 302749
Ion Ratio Lower Upper
65 100
92 71.0 53.9 80.9
138 115.3 78.8 118.2

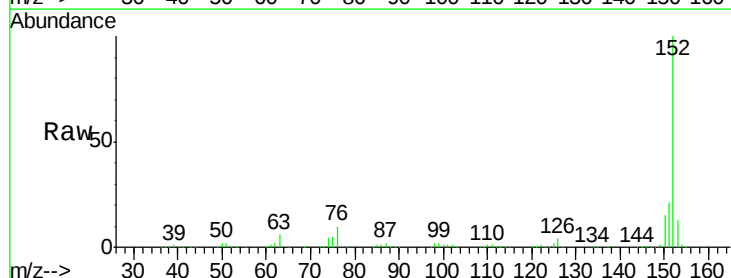


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

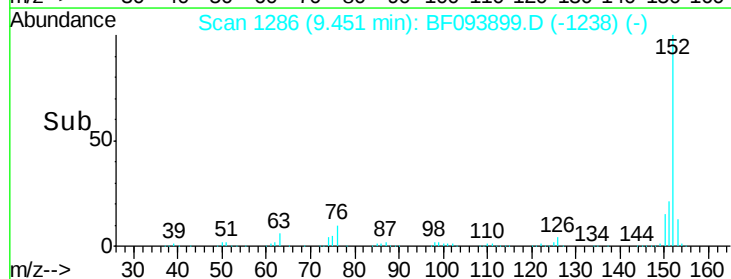
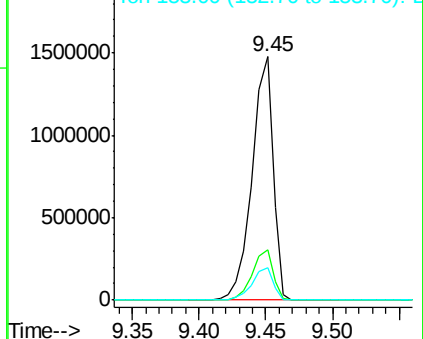


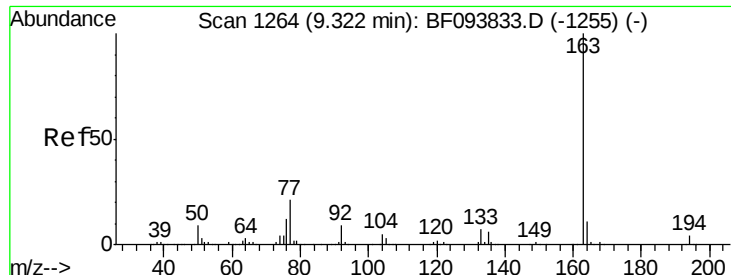
#48
Acenaphthylene
Concen: 39.21 ng
RT: 9.45 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Tgt Ion: 152 Resp: 1587122
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.2 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

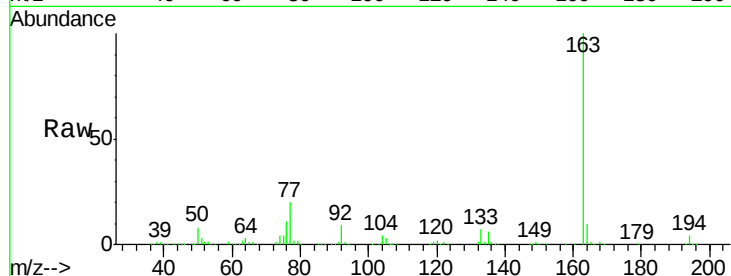




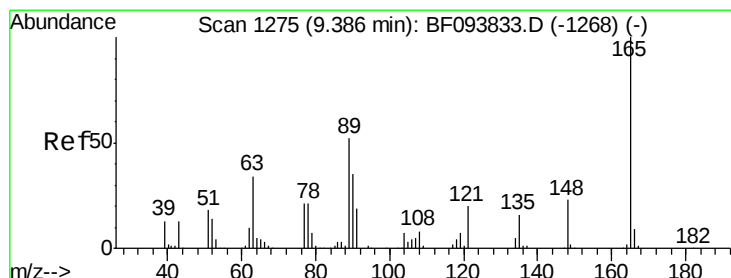
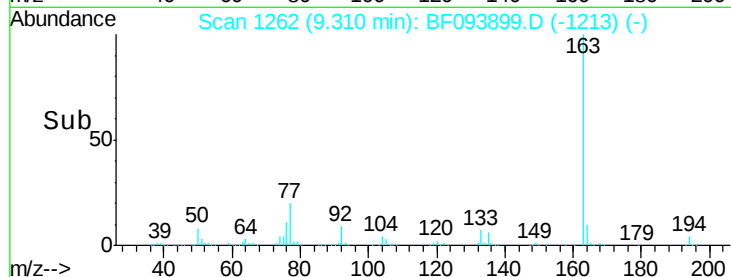
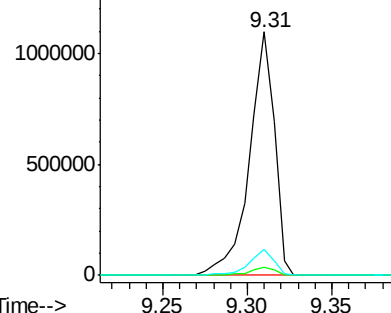
#49
Dimethylphthalate
Concen: 41.13 ng
RT: 9.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1127842
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.5 8.4 12.6

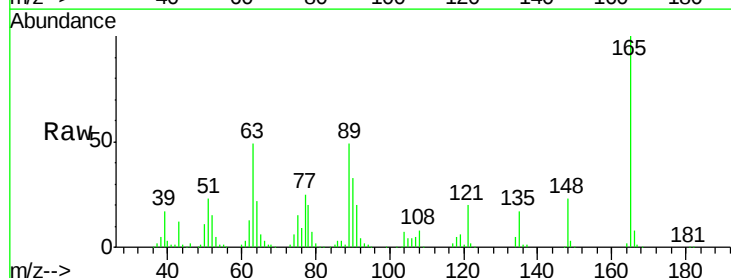


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

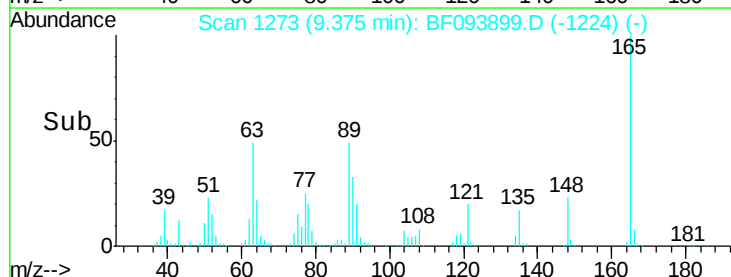
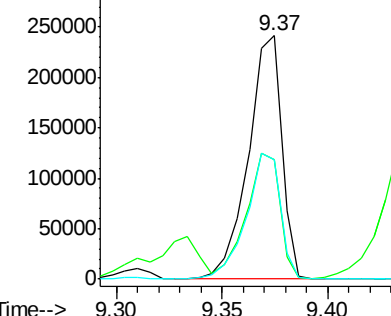


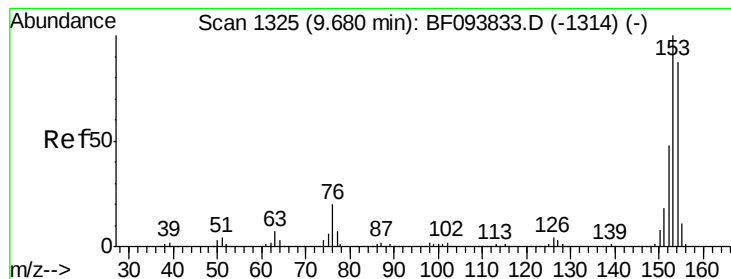
#50
2,6-Dinitrotoluene
Concen: 42.62 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Tgt Ion:165 Resp: 267872
Ion Ratio Lower Upper
165 100
63 49.0 34.3 51.5
89 49.3 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.08 ng

RT: 9.66 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

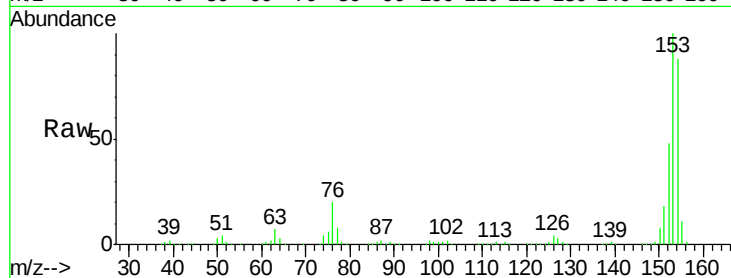
Tgt Ion:154 Resp: 922945

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

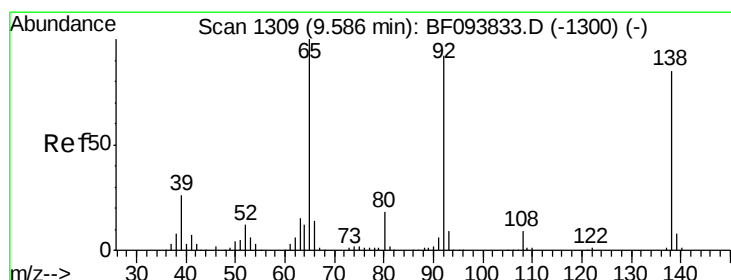
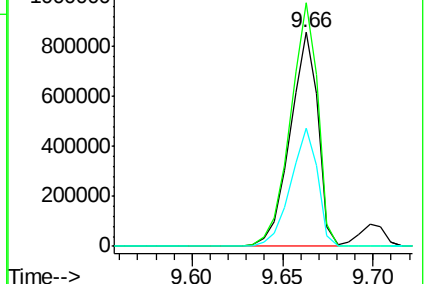
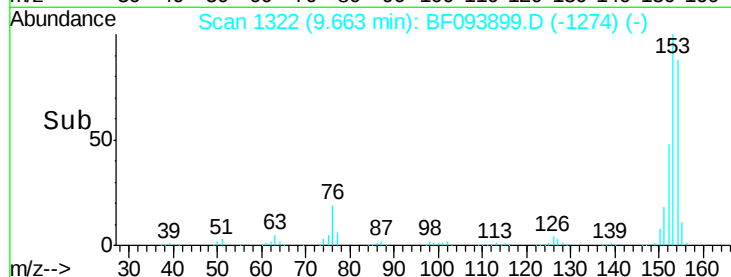
152 55.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.64 ng

RT: 9.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

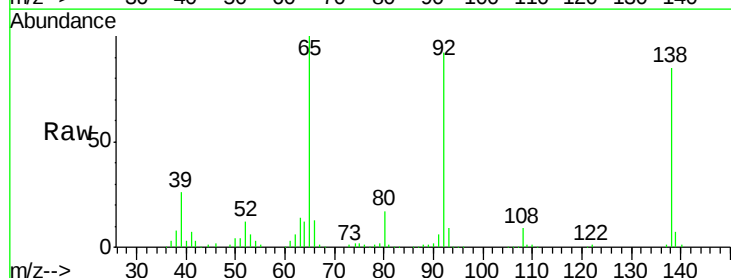
Tgt Ion:138 Resp: 314731

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

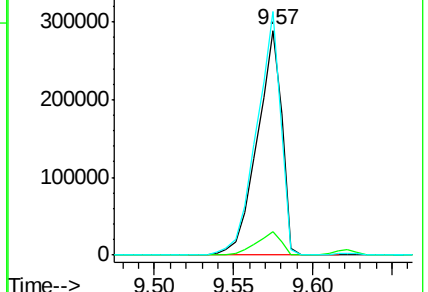
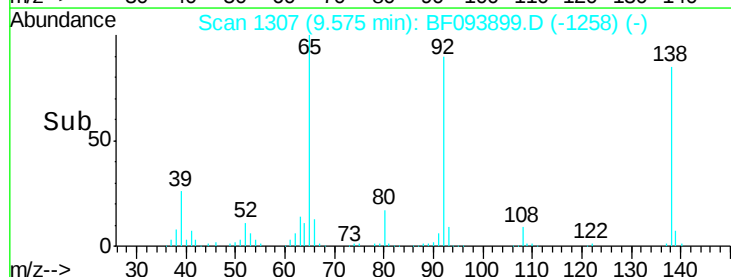
92 108.3 93.8 140.6

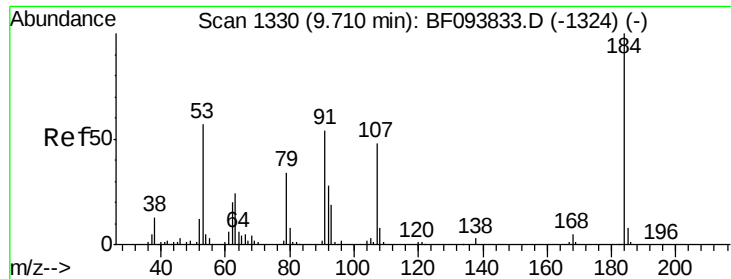


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

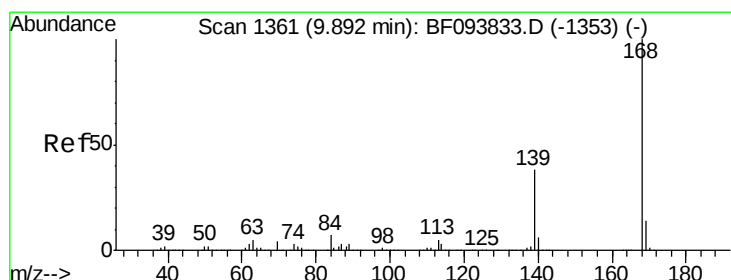
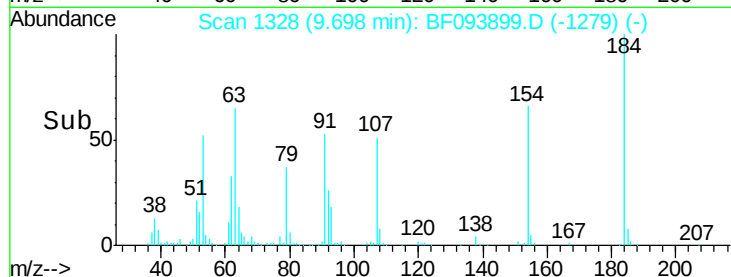
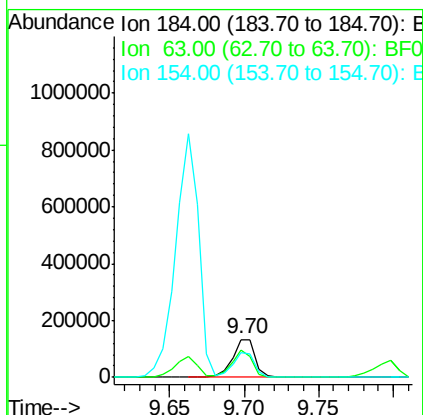
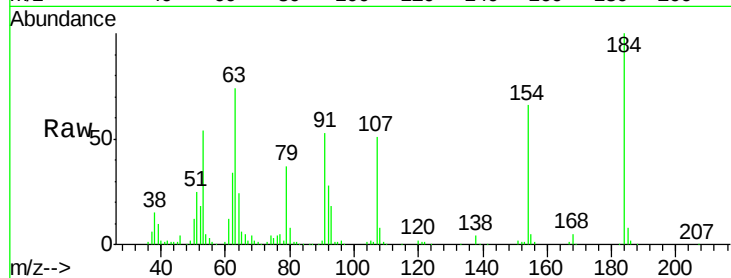




#53
 2,4-Dinitrophenol
 Concen: 44.75 ng
 RT: 9.70 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

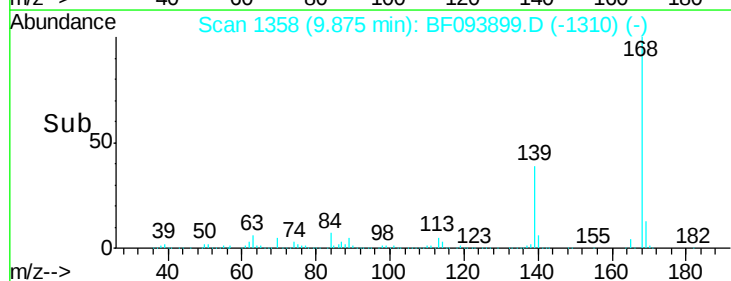
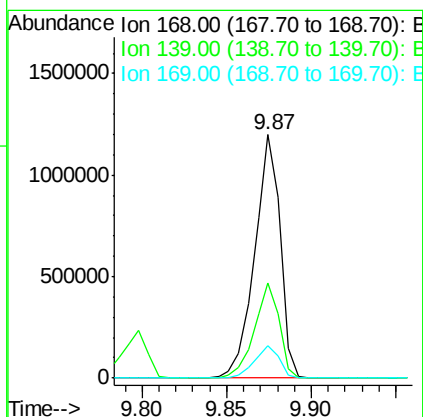
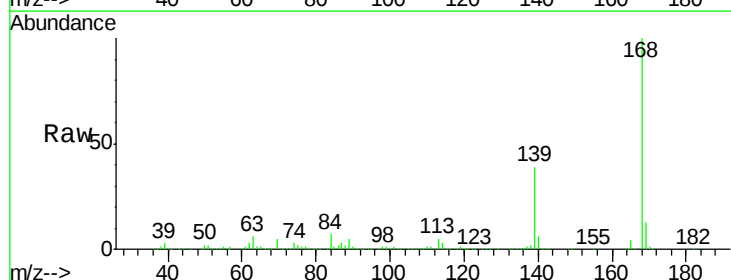
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

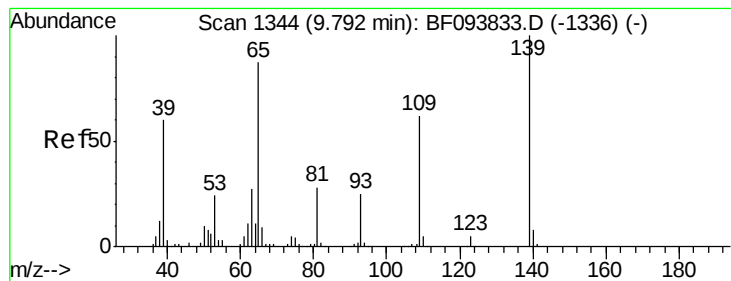
Tgt Ion:184 Resp: 143169
 Ion Ratio Lower Upper
 184 100
 63 73.6 62.7 94.1
 154 66.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.16 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:168 Resp: 1259068
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 42.72 ng

RT: 9.80 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

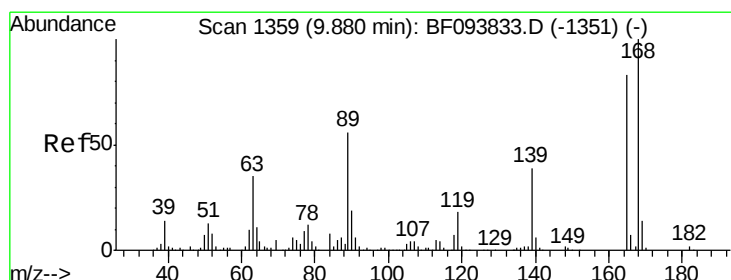
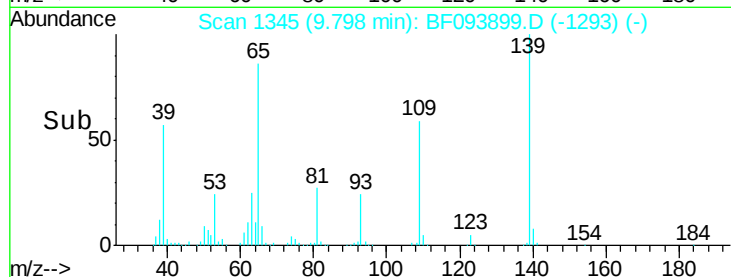
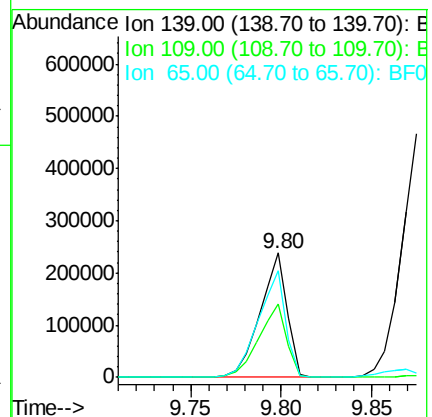
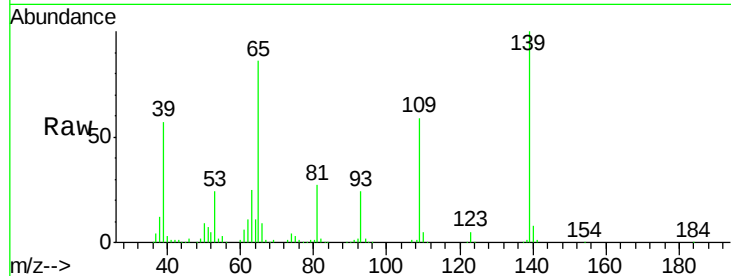
Tgt Ion:139 Resp: 246928

Ion Ratio Lower Upper

139 100

109 59.5 34.1 74.1

65 85.8 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 42.64 ng

RT: 9.86 min Scan# 1356

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Tgt Ion:165 Resp: 336656

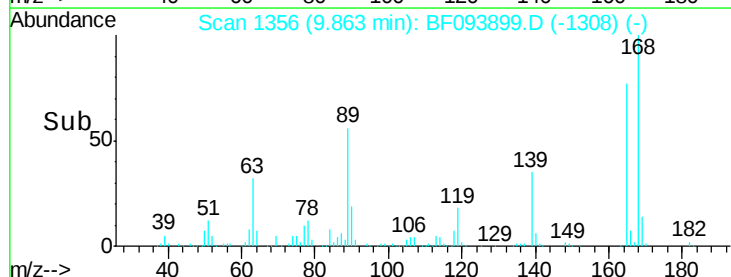
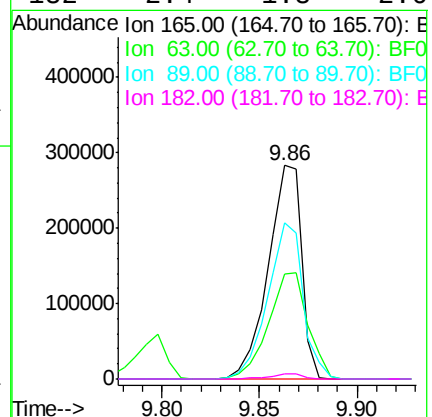
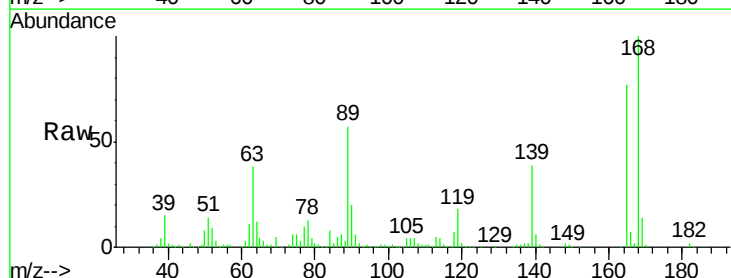
Ion Ratio Lower Upper

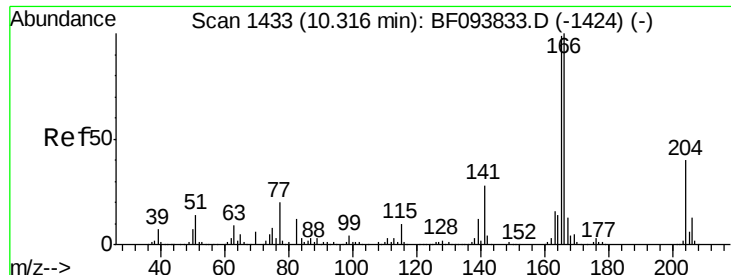
165 100

63 49.3 25.4 38.0#

89 73.4 46.4 69.6#

182 2.4 1.8 2.6

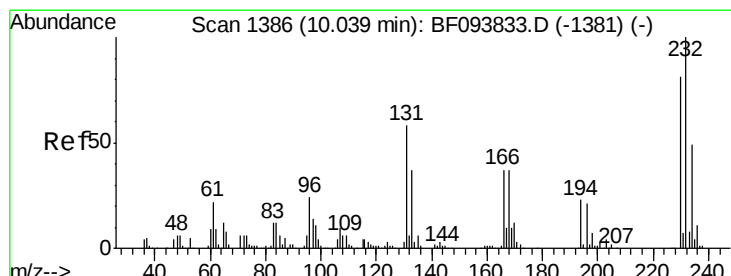
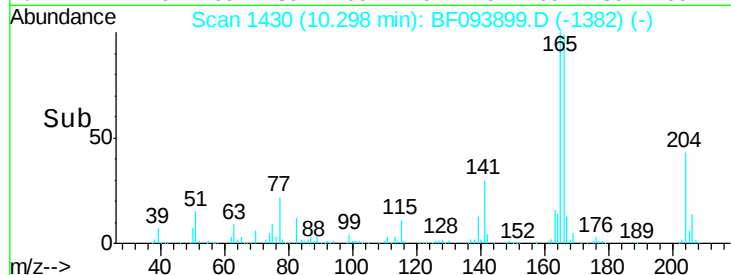
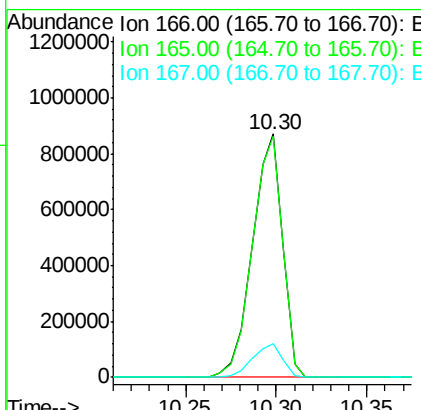
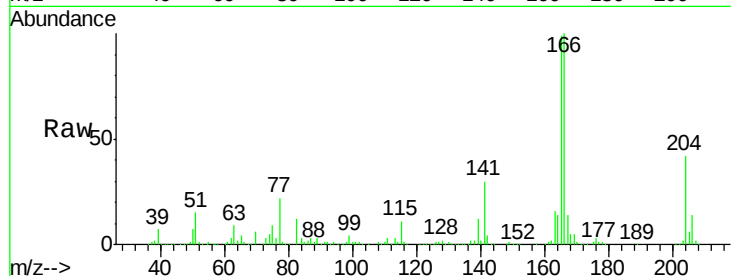




#57
 Fluorene
 Concen: 37.45 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

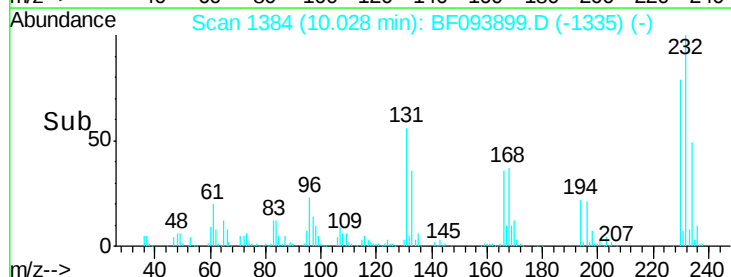
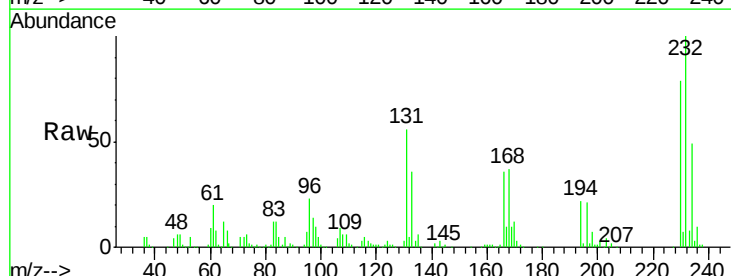
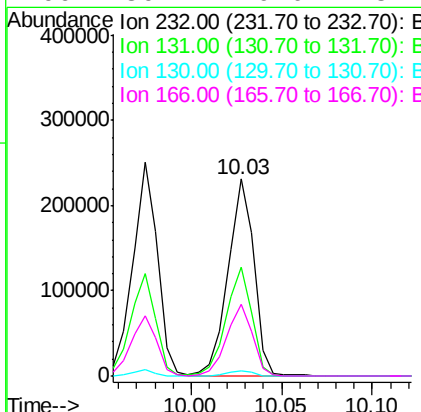
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

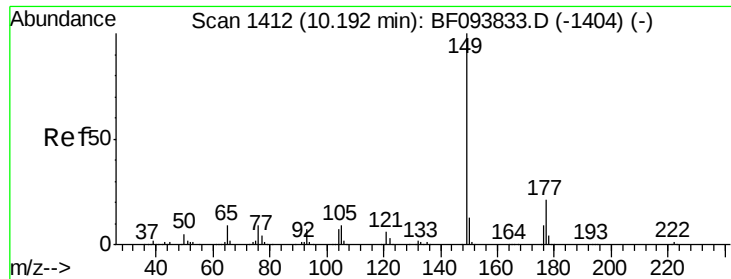
Tgt Ion:166 Resp: 998452
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.48 ng
 RT: 10.03 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:232 Resp: 229921
 Ion Ratio Lower Upper
 232 100
 131 55.5 44.8 67.2
 130 2.7 2.3 3.5
 166 36.4 29.0 43.4

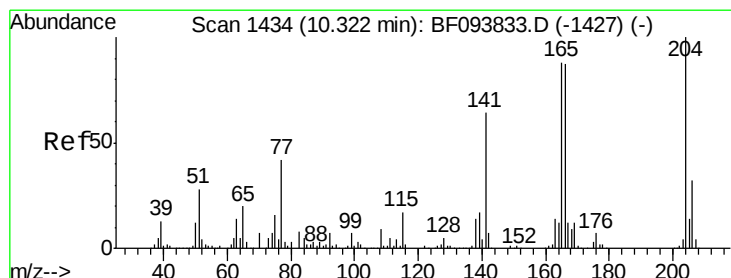
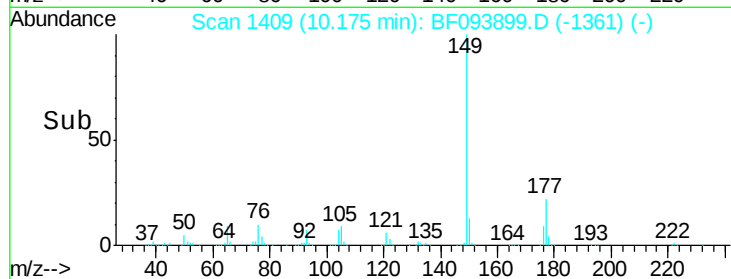
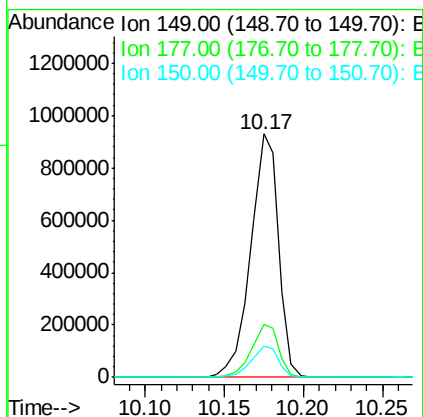
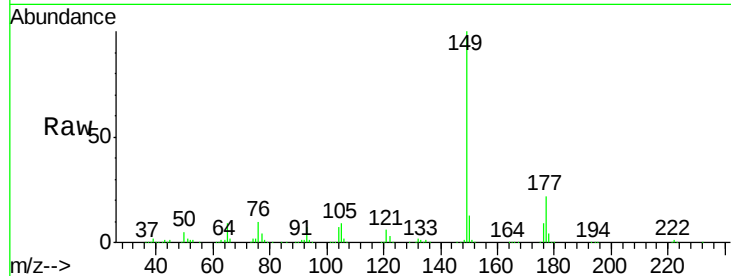




#59
Diethylphthalate
Concen: 41.83 ng
RT: 10.17 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

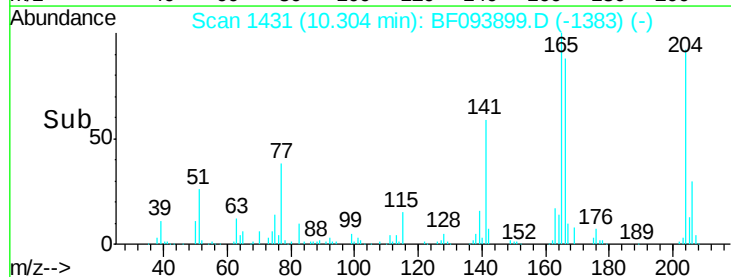
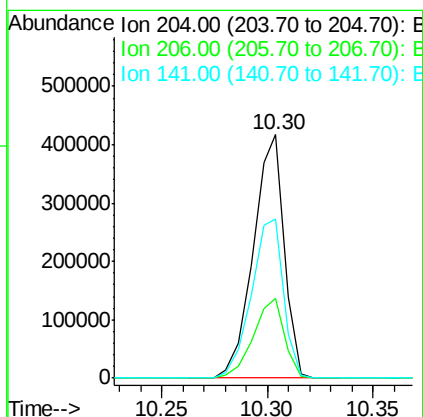
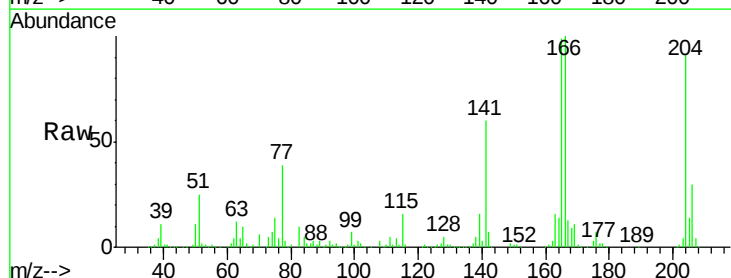
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

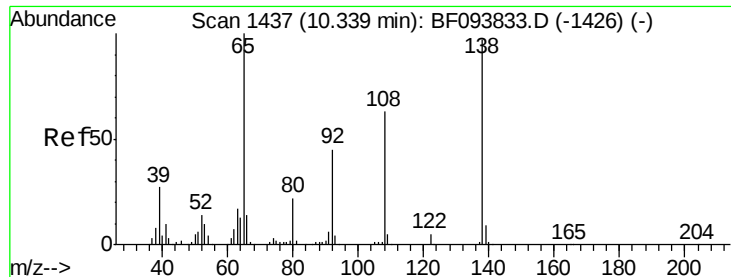
Tgt Ion:149 Resp: 1133619
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.35 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Tgt Ion:204 Resp: 424287
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 65.3 60.8 91.2

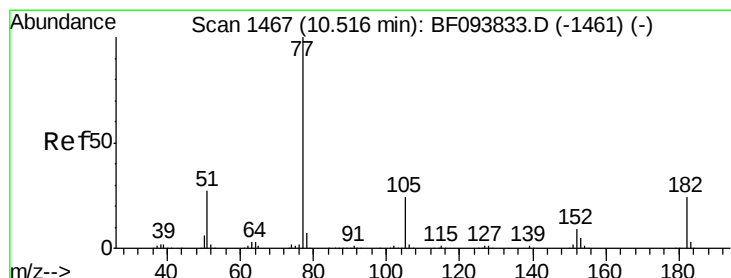
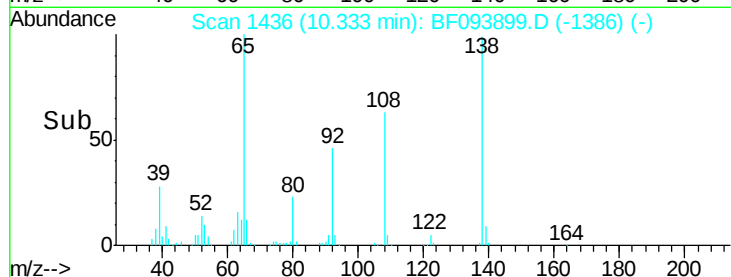
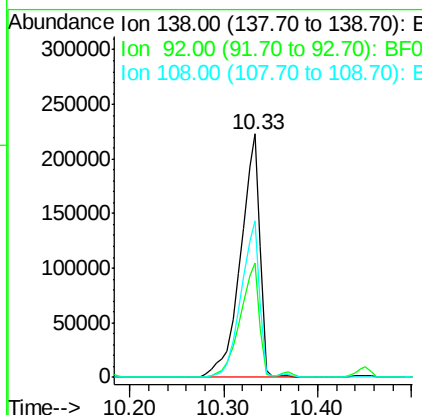
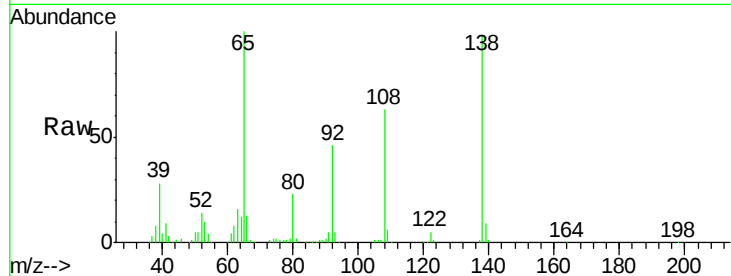




#61
4-Nitroaniline
Concen: 44.93 ng
RT: 10.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

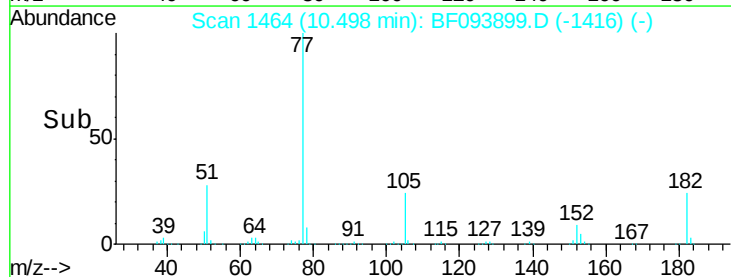
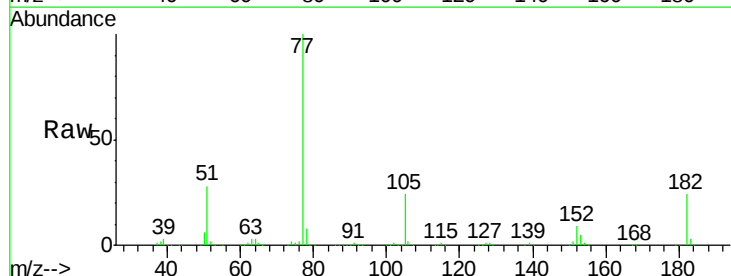
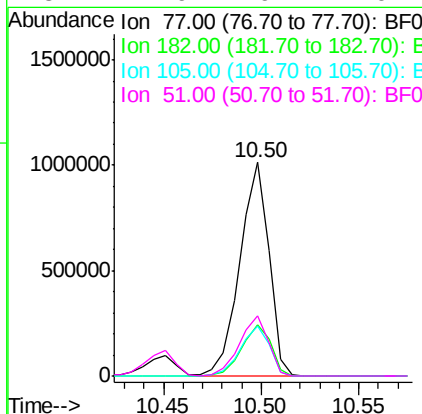
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

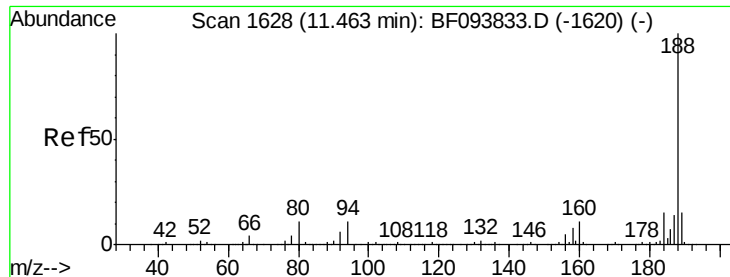
Tgt Ion:138 Resp: 318229
Ion Ratio Lower Upper
138 100
92 46.9 21.8 61.8
108 64.5 42.3 82.3



#62
Azobenzene
Concen: 40.83 ng
RT: 10.50 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Tgt Ion: 77 Resp: 1046642
Ion Ratio Lower Upper
77 100
182 24.0 0.1 40.1
105 23.5 3.6 43.6
51 27.9 9.4 49.4

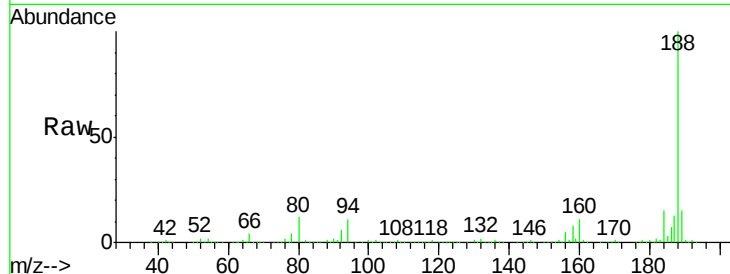




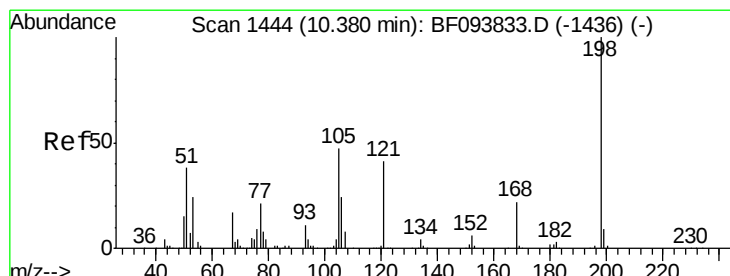
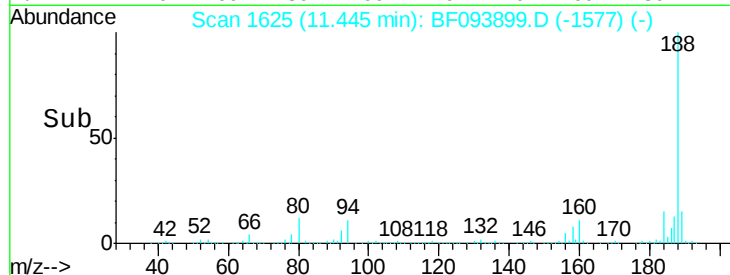
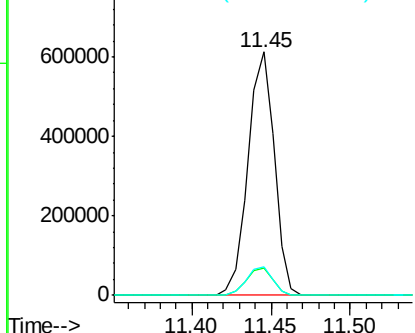
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:188 Resp: 704716
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 11.7 10.2 15.2

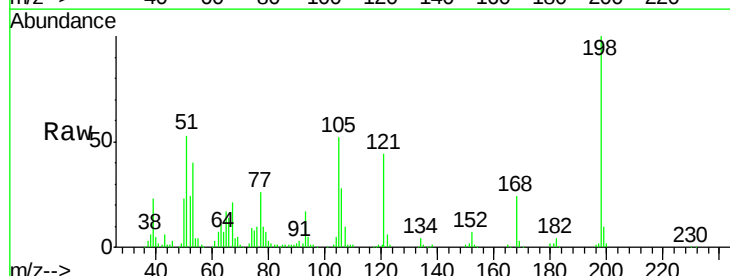


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

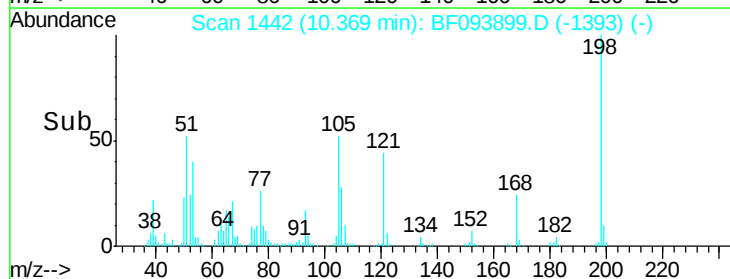
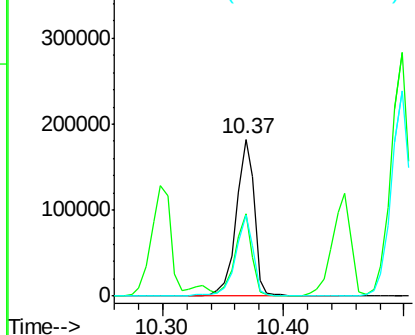


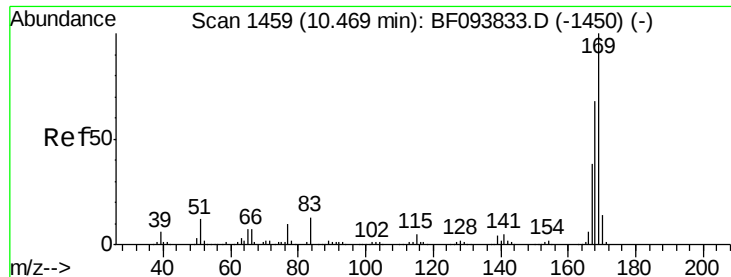
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.09 ng
 RT: 10.37 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:198 Resp: 190304
 Ion Ratio Lower Upper
 198 100
 51 52.6 53.2 93.2#
 105 52.1 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: 38.73 ng

RT: 10.45 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

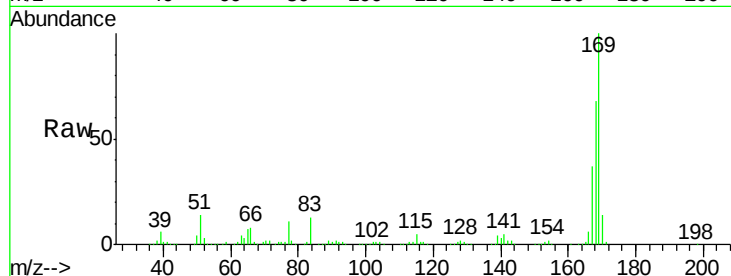
Tgt Ion:169 Resp: 943882

Ion Ratio Lower Upper

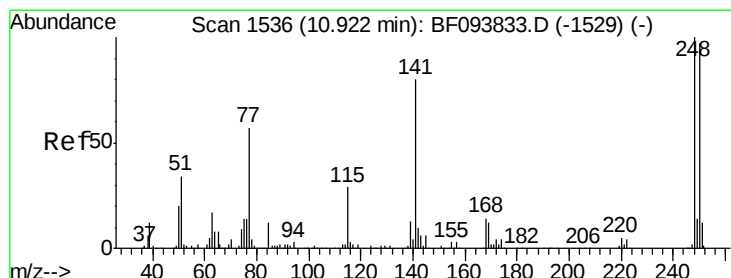
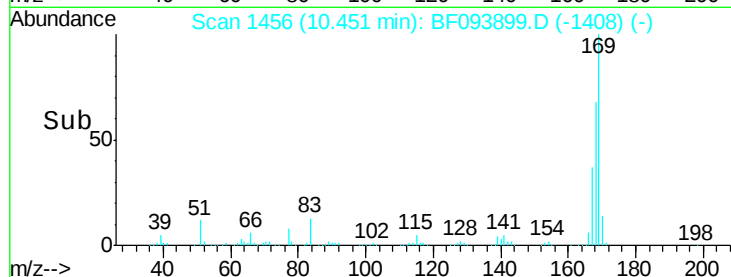
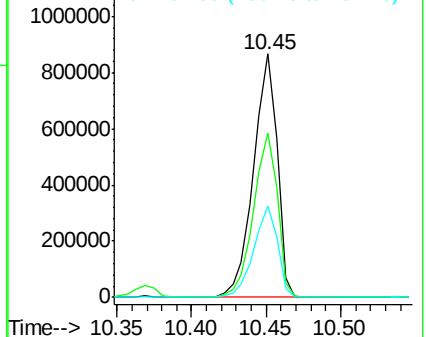
169 100

168 67.7 53.2 79.8

167 37.4 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: 39.75 ng

RT: 10.90 min Scan# 1533

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

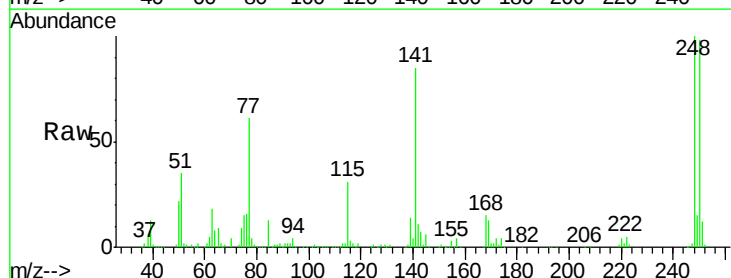
Tgt Ion:248 Resp: 275528

Ion Ratio Lower Upper

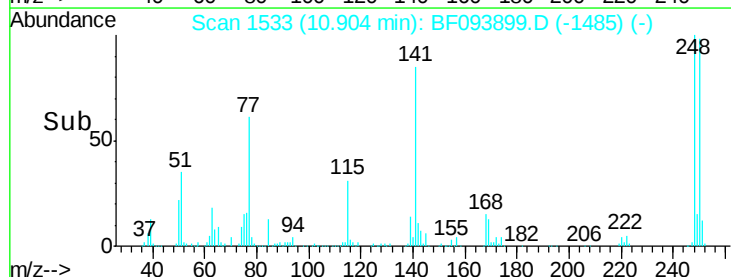
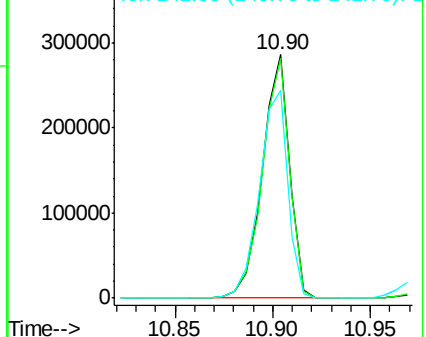
248 100

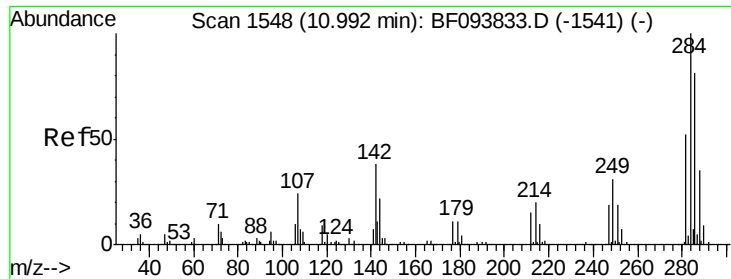
250 98.5 76.8 115.2

141 85.2 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

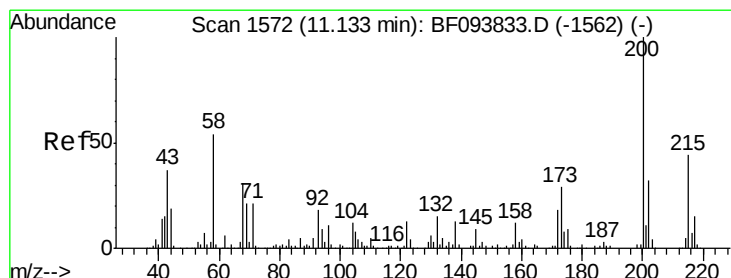
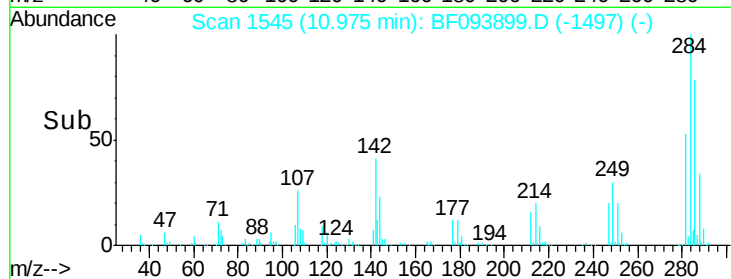
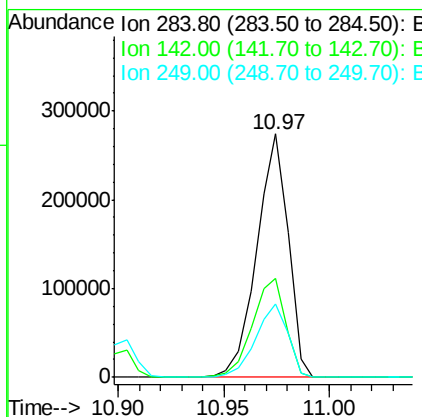
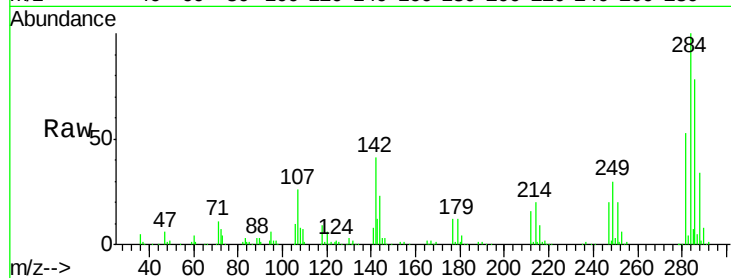




#67
Hexachlorobenzene
Concen: 40.34 ng
RT: 10.97 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

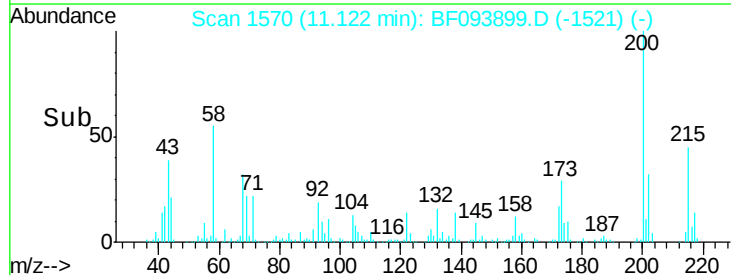
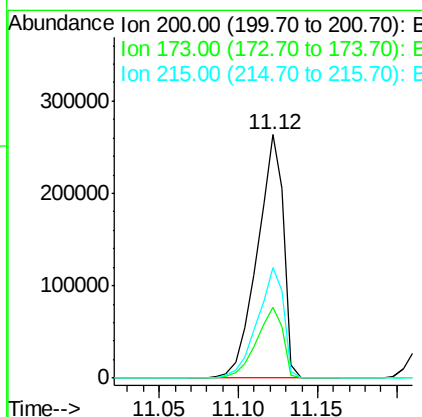
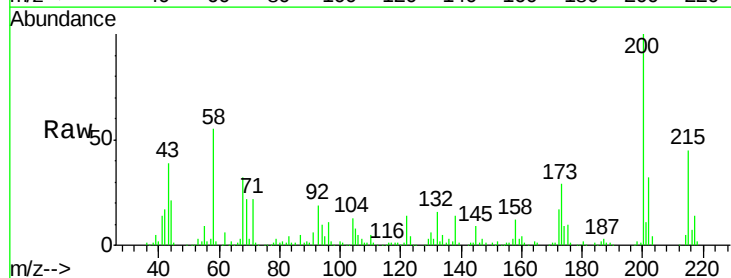
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

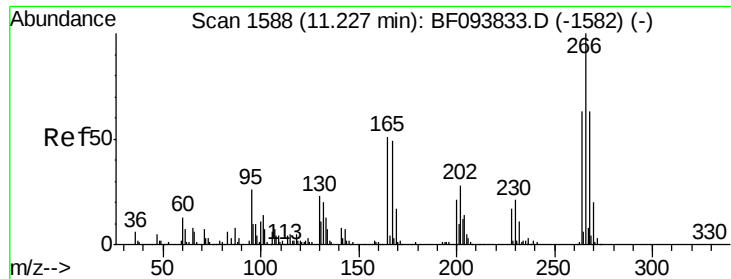
Tgt Ion: 284 Resp: 283033
Ion Ratio Lower Upper
284 100
142 40.7 22.8 34.2#
249 30.0 24.0 36.0



#68
Atrazine
Concen: 41.79 ng
RT: 11.12 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Tgt Ion: 200 Resp: 305054
Ion Ratio Lower Upper
200 100
173 29.2 6.3 46.3
215 45.2 27.2 67.2

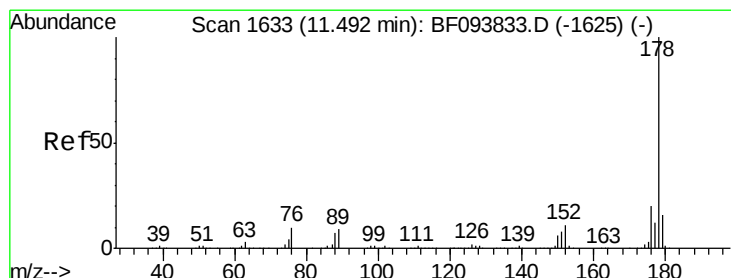
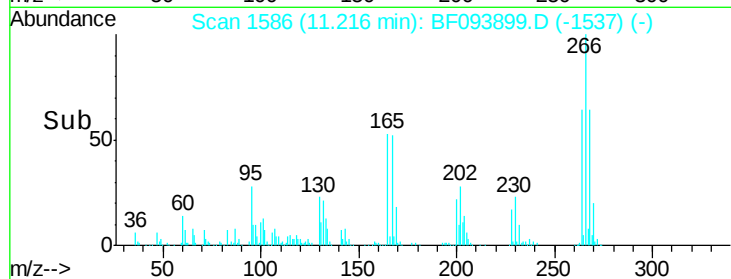
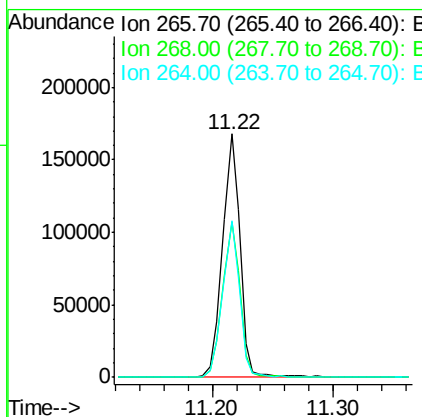
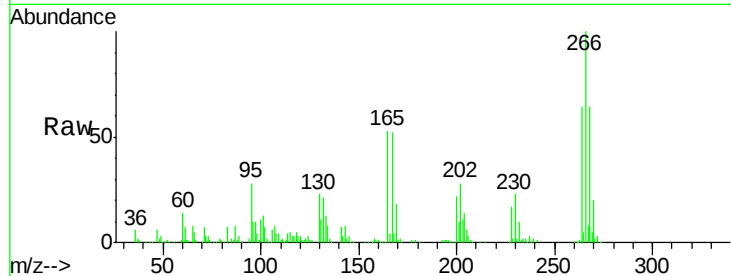




#69
 Pentachlorophenol
 Concen: 38.59 ng
 RT: 11.22 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

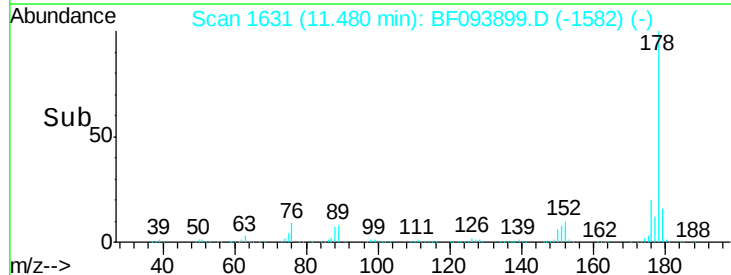
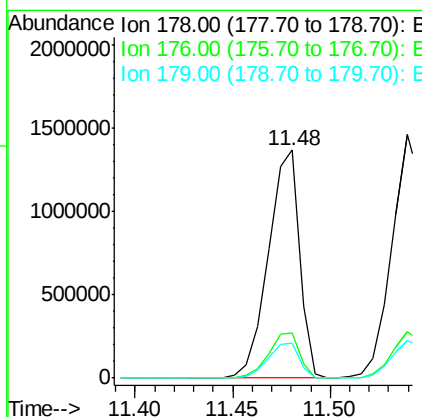
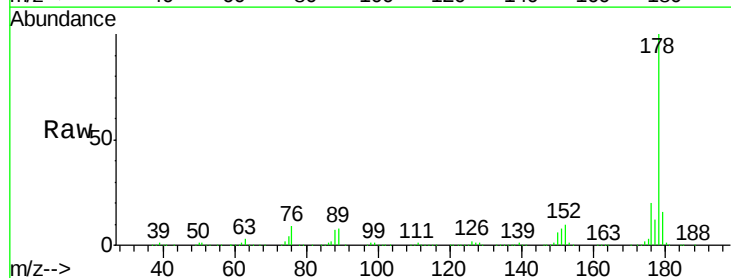
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

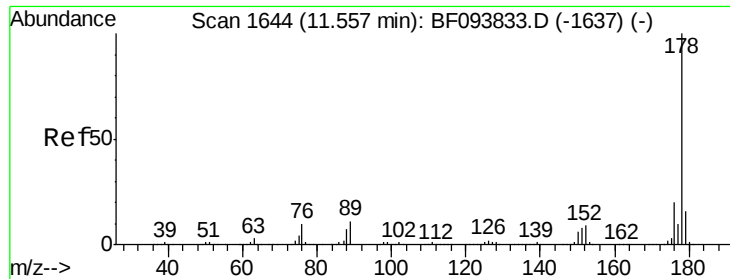
Tgt Ion: 266 Resp: 168543
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 64.2 51.7 77.5



#70
 Phenanthrene
 Concen: 38.70 ng
 RT: 11.48 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion: 178 Resp: 1517131
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.6 12.6 19.0

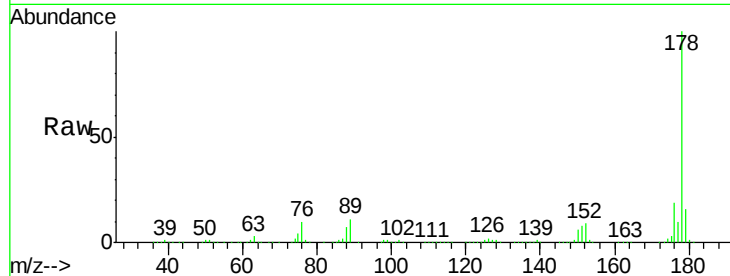




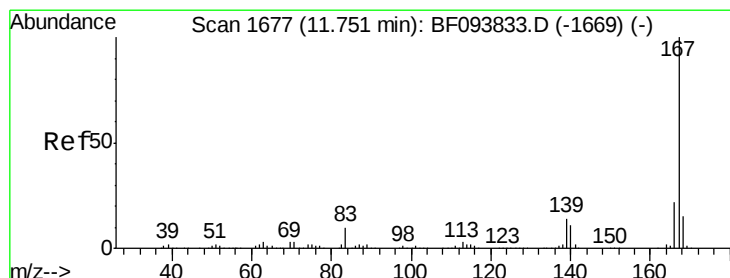
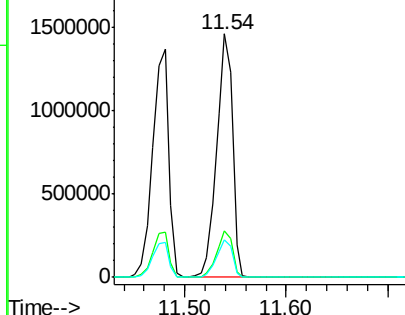
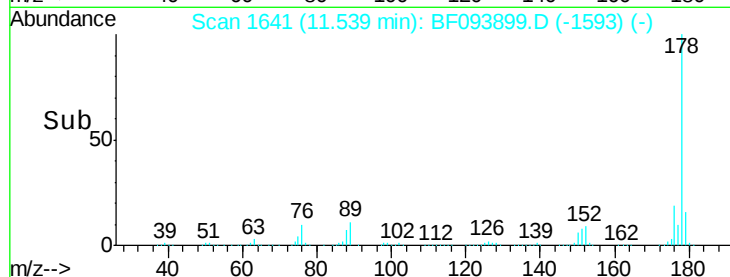
#71
 Anthracene
 Concen: 39.32 ng
 RT: 11.54 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1587093
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.6 12.7 19.1

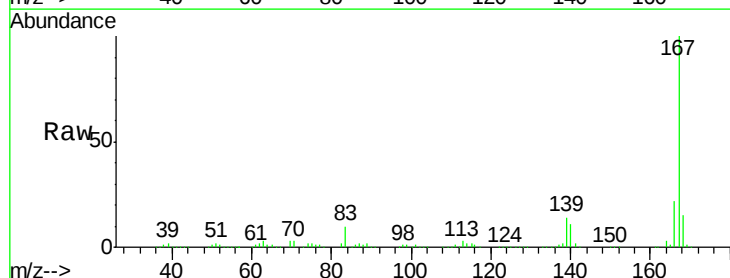


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

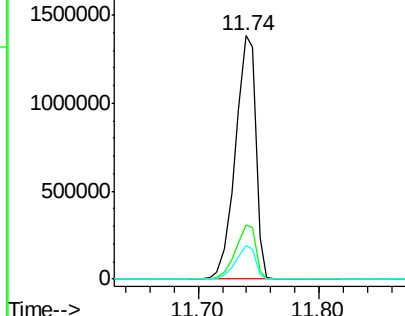
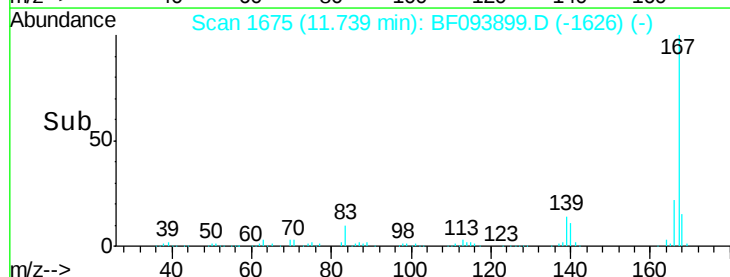


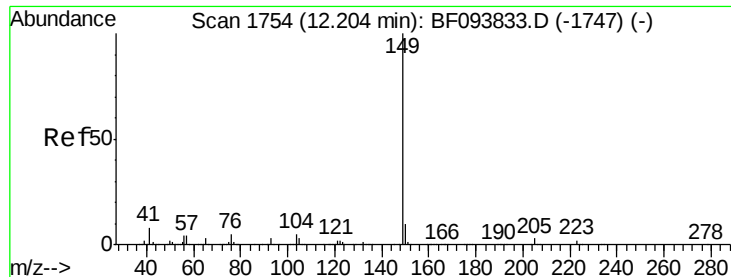
#72
 Carbazole
 Concen: 39.42 ng
 RT: 11.74 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:167 Resp: 1631679
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.7 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.23 ng

RT: 12.19 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

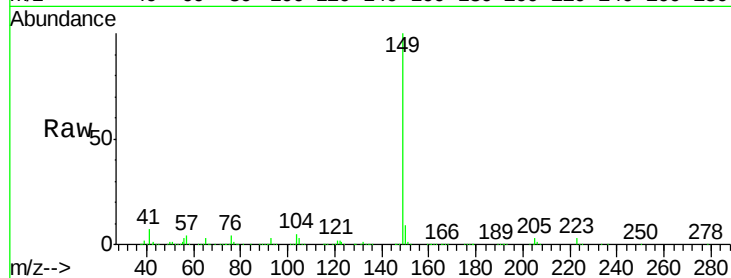
Tgt Ion:149 Resp: 1817868

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

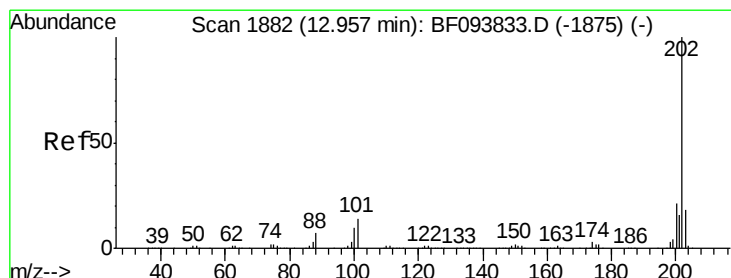
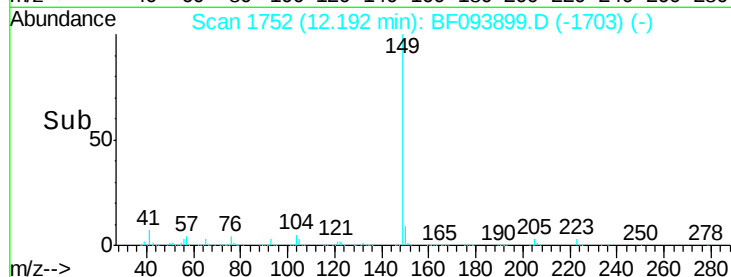
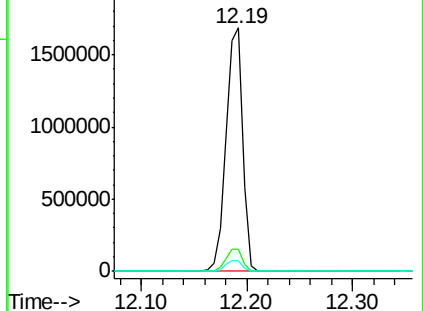
104 4.6 4.0 6.0



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: 40.46 ng

RT: 12.94 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

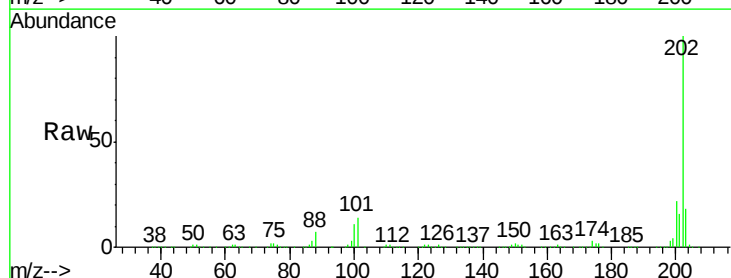
Tgt Ion:202 Resp: 1623977

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

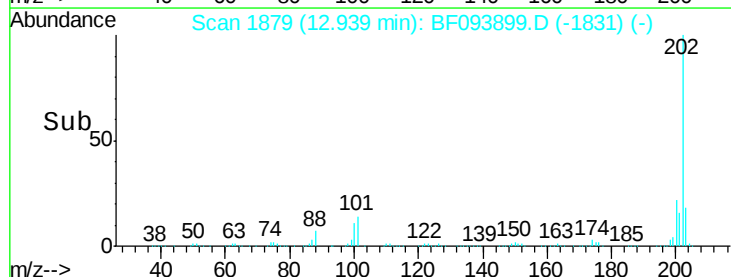
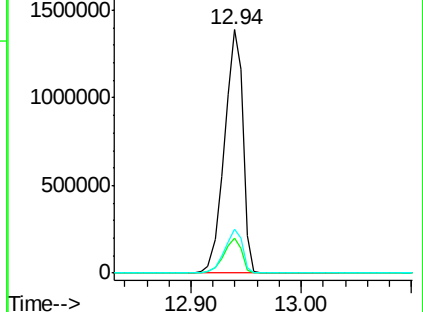
203 18.3 0.0 38.1

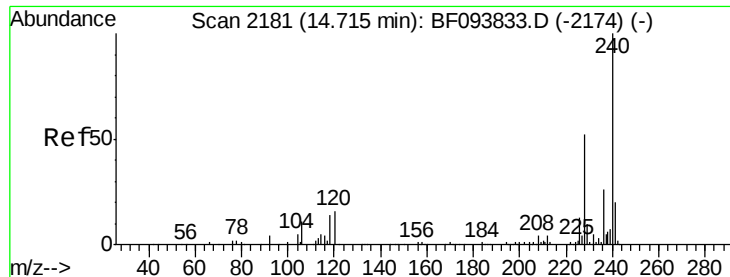


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

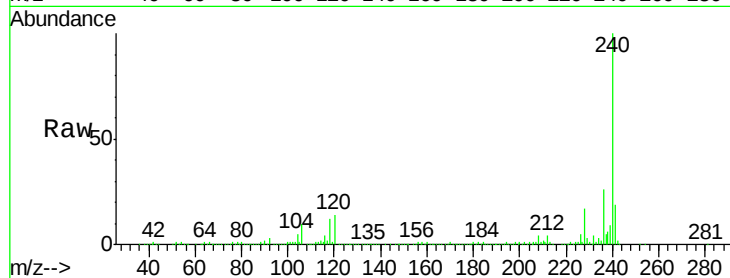
Tgt Ion:240 Resp: 578262

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

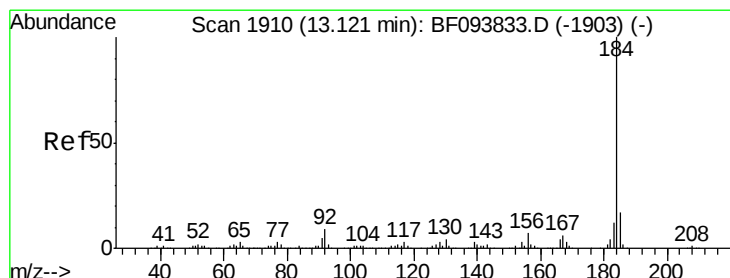
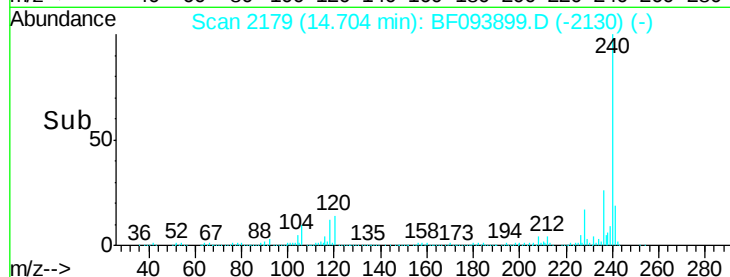
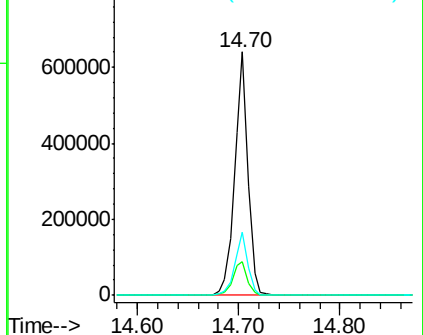
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.73 ng

RT: 13.11 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

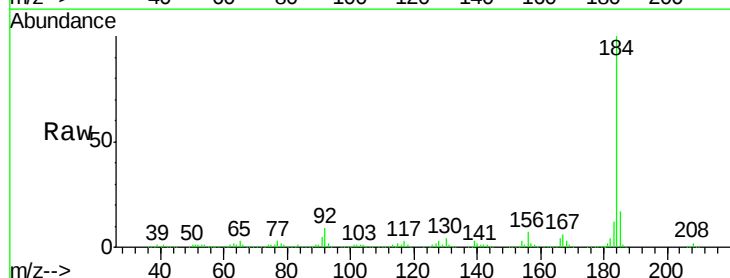
Tgt Ion:184 Resp: 932248

Ion Ratio Lower Upper

184 100

185 16.8 15.5 23.3

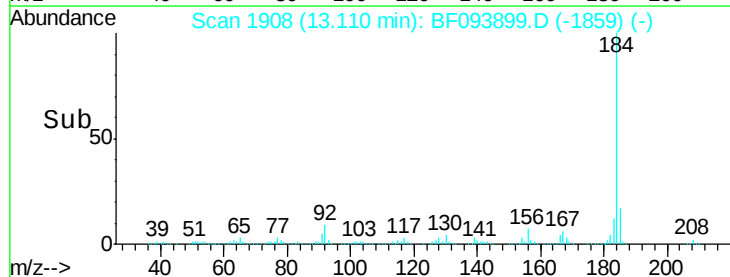
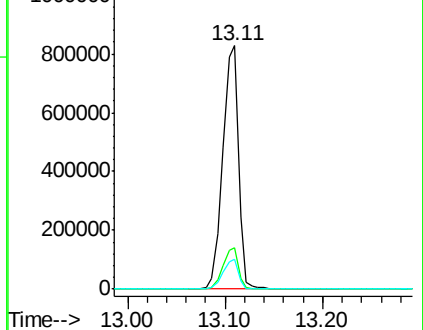
183 12.5 9.8 14.6

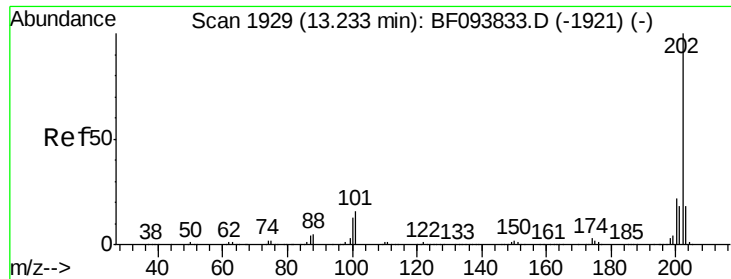


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



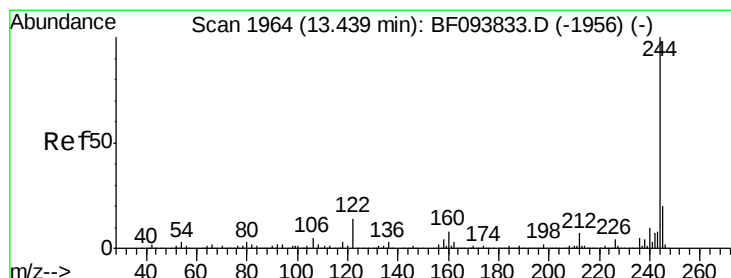
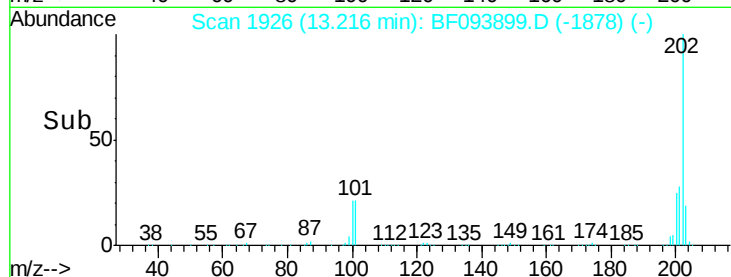
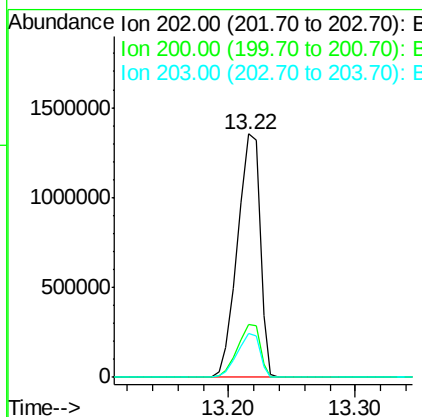
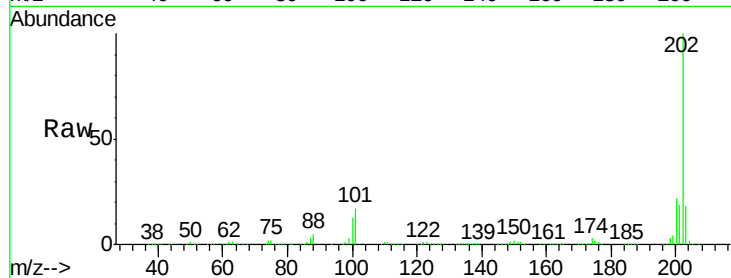


#77
 Pyrene
 Concen: 39.62 ng
 RT: 13.22 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1662574

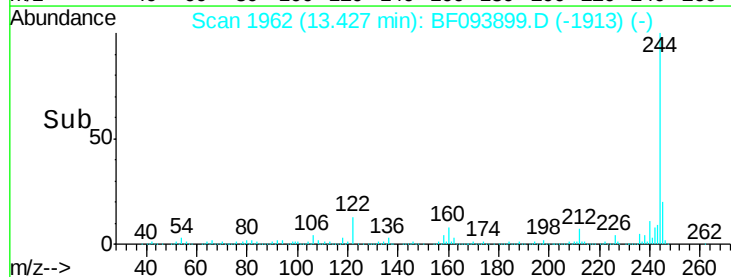
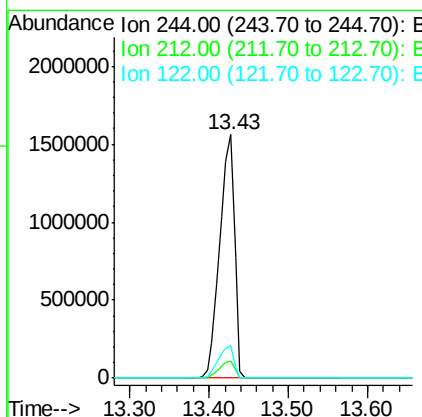
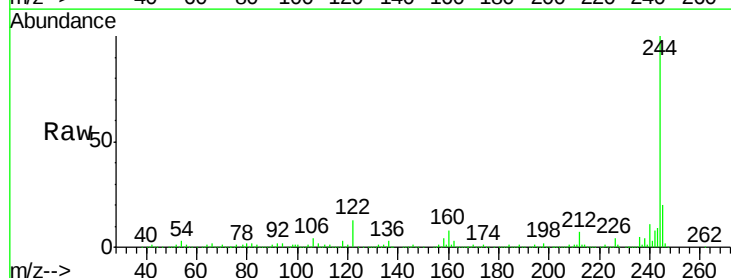
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.1	14.4	21.6

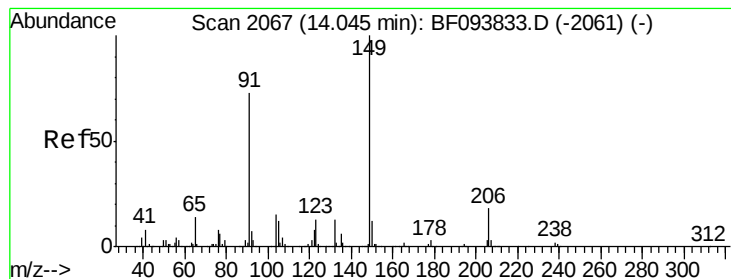


#78
 Terphenyl-d14
 Concen: 78.02 ng
 RT: 13.43 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion: 244 Resp: 2012799

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.3	10.3	15.5





#79

Butylbenzylphthalate

Concen: 44.69 ng

RT: 14.03 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

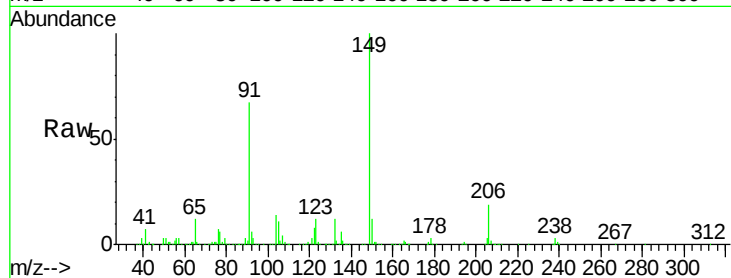
Tgt Ion:149 Resp: 799076

Ion Ratio Lower Upper

149 100

91 67.3 45.0 67.4

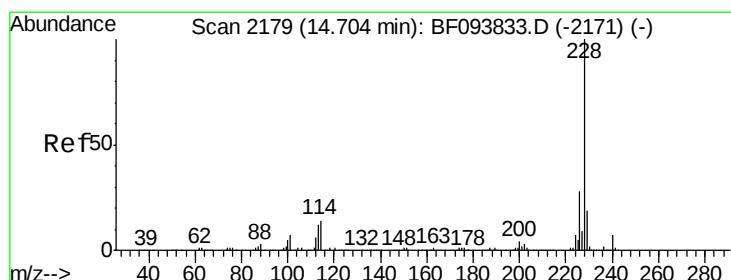
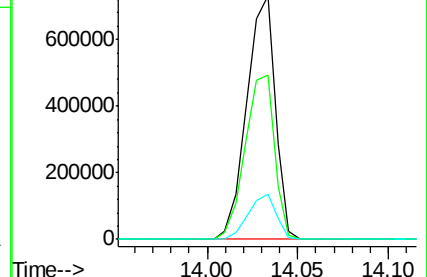
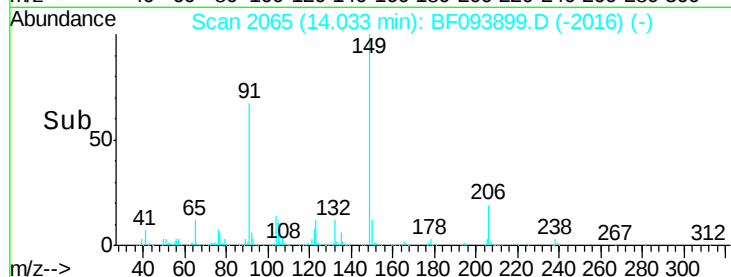
206 18.8 17.0 25.6



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: 40.42 ng

RT: 14.69 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

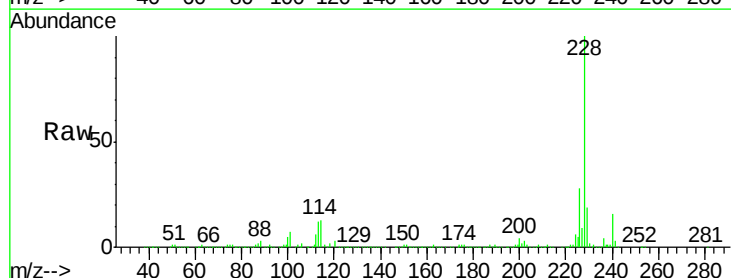
Tgt Ion:228 Resp: 1362981

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

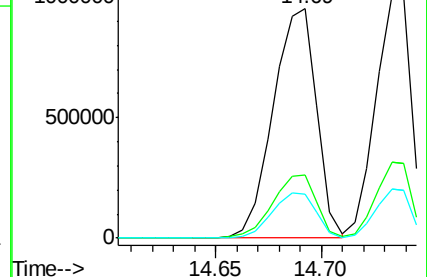
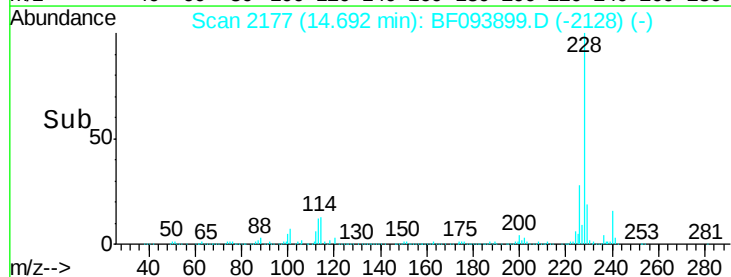
229 19.3 16.3 24.5

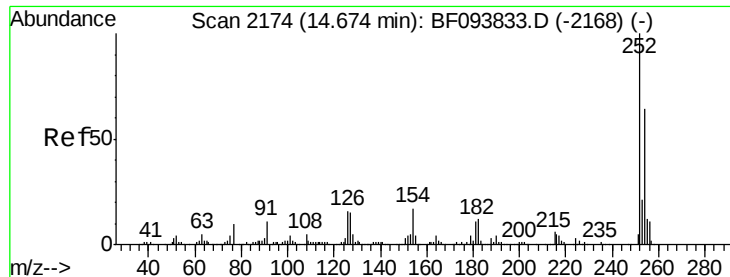


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

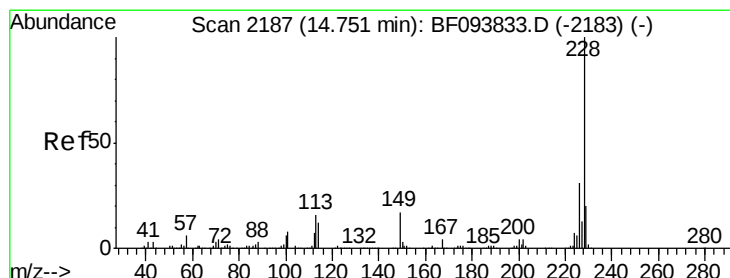
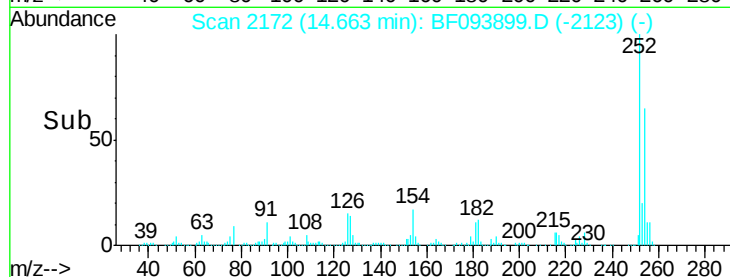
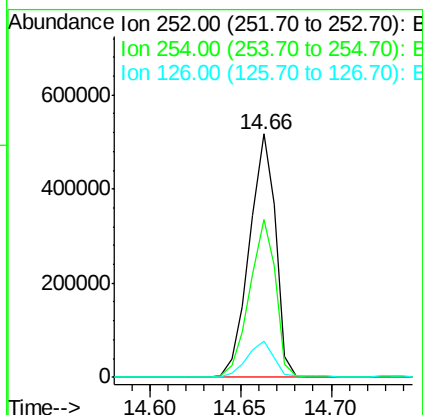
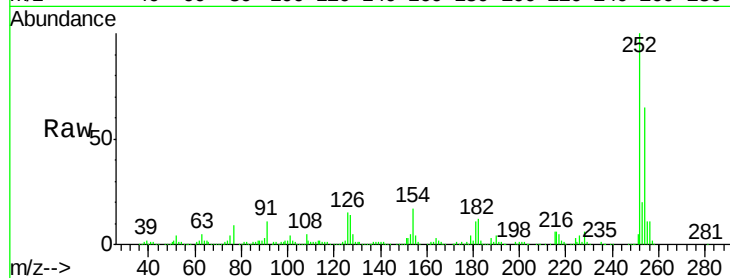




#81
 3,3'-Dichlorobenzidine
 Concen: 43.15 ng
 RT: 14.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

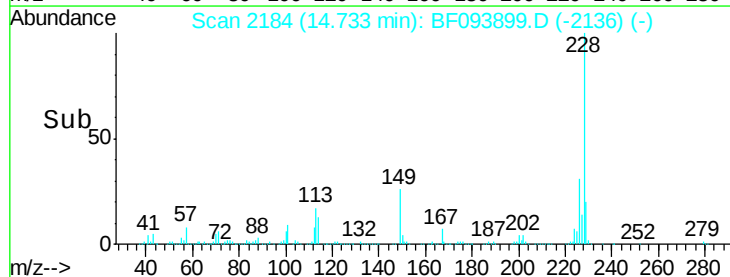
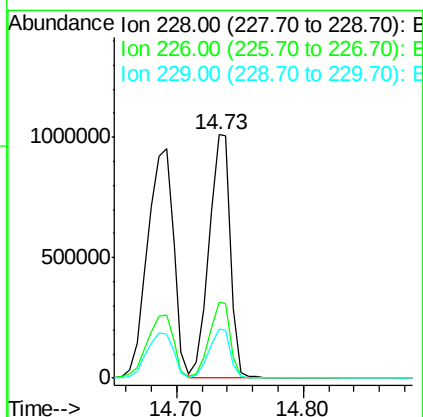
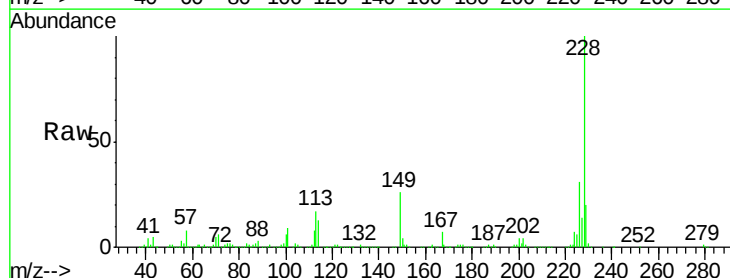
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

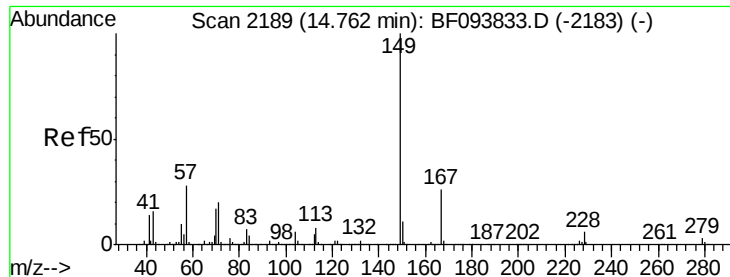
Tgt Ion:252 Resp: 520078
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 14.7 15.8 23.8#



#82
 Chrysene
 Concen: 38.34 ng
 RT: 14.73 min Scan# 2184
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:228 Resp: 1199862
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.1 15.8 23.6

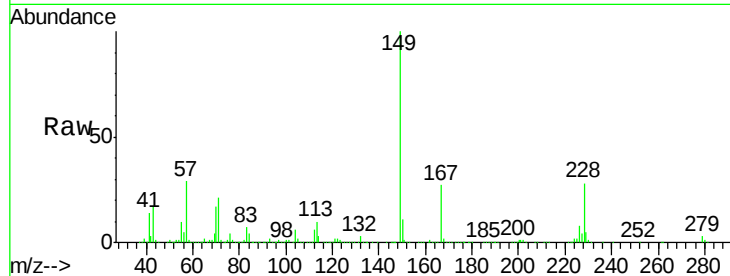




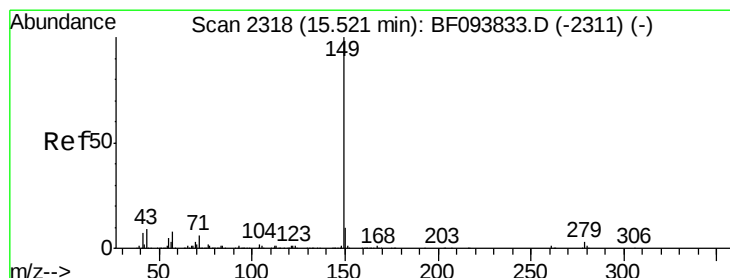
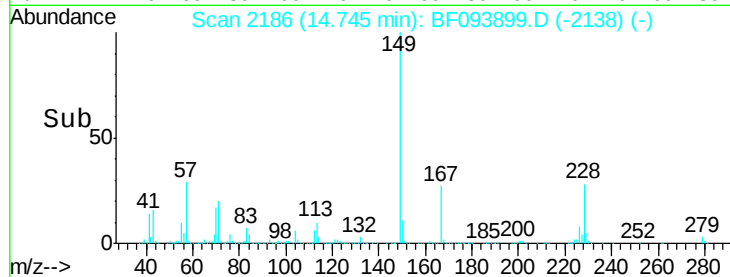
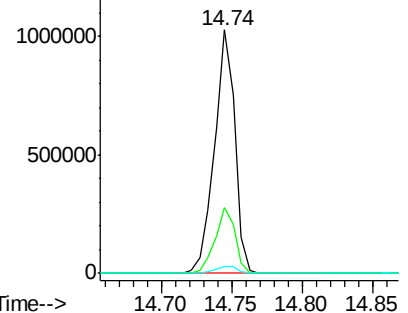
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.18 ng
 RT: 14.74 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 1028876
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 2.9 1.9 2.9#

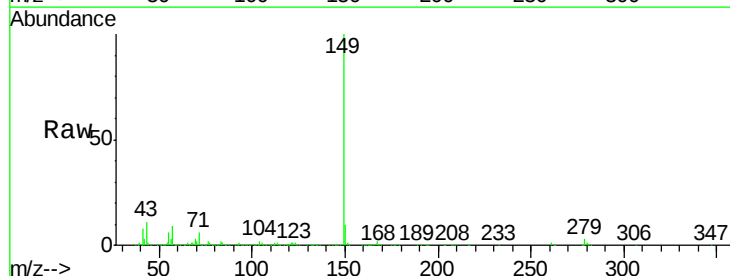


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

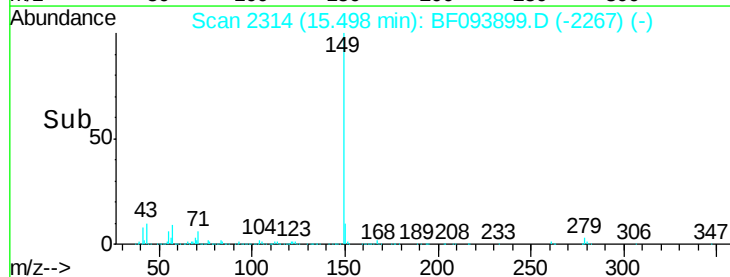
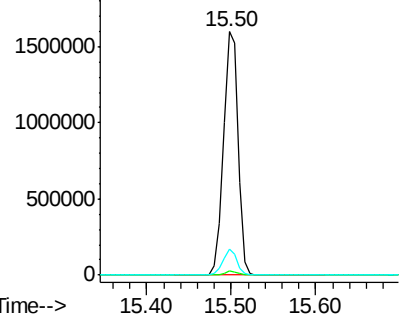


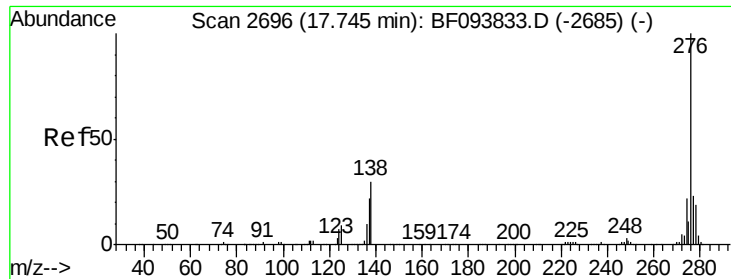
#84
 Di-n-octyl phthalate
 Concen: 45.52 ng
 RT: 15.50 min Scan# 2314
 Delta R.T. -0.02 min
 Lab File: BF093899.D
 Acq: 24 Mar 2017 10:44

Tgt Ion:149 Resp: 1855033
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.9 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

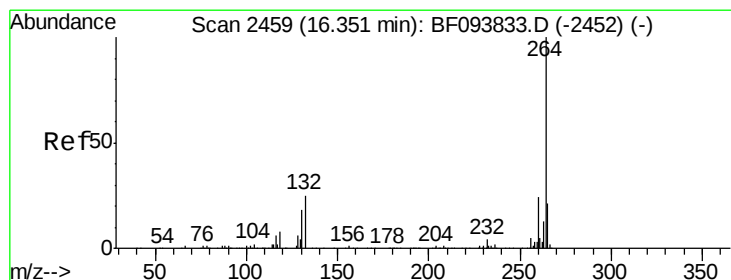
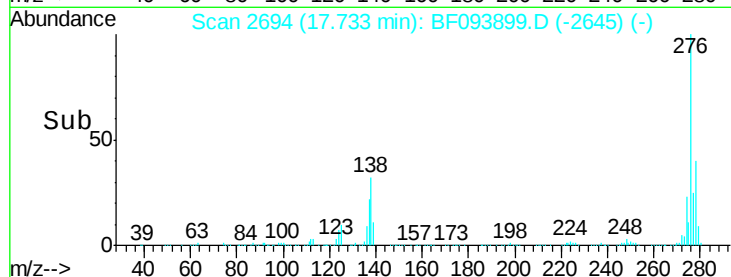
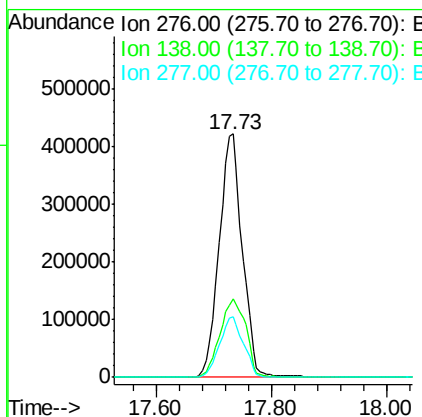
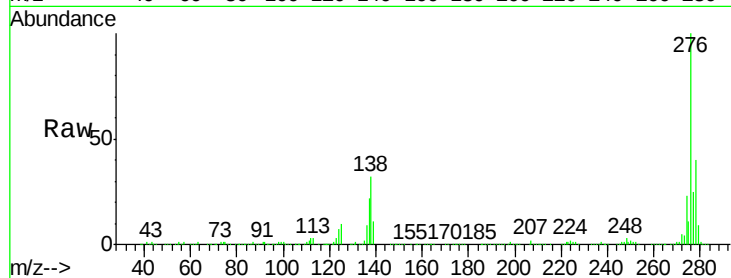




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.37 ng
RT: 17.73 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

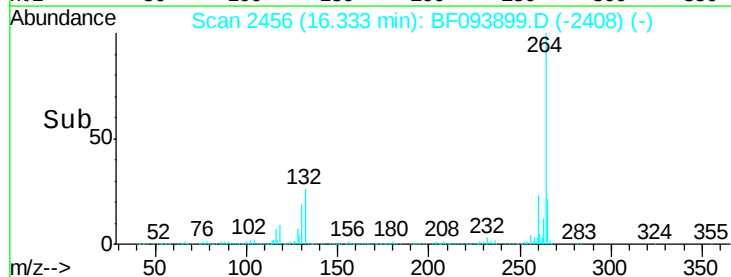
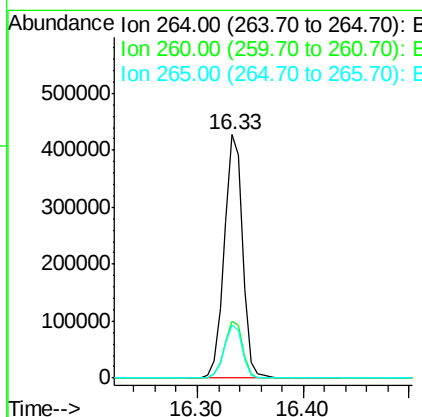
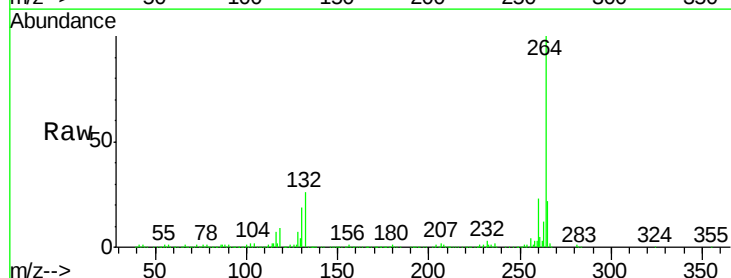
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

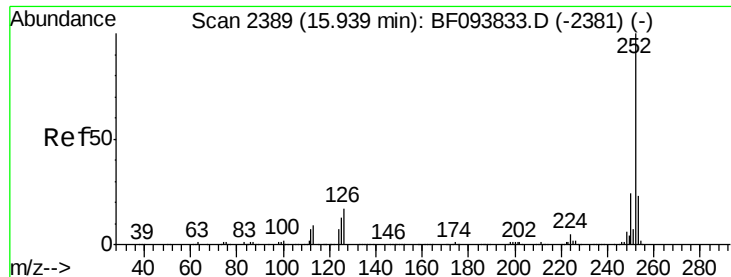
Tgt Ion: 276 Resp: 1175502
Ion Ratio Lower Upper
276 100
138 36.0 27.8 41.6
277 25.5 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.33 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Tgt Ion: 264 Resp: 515573
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.5 17.2 25.8

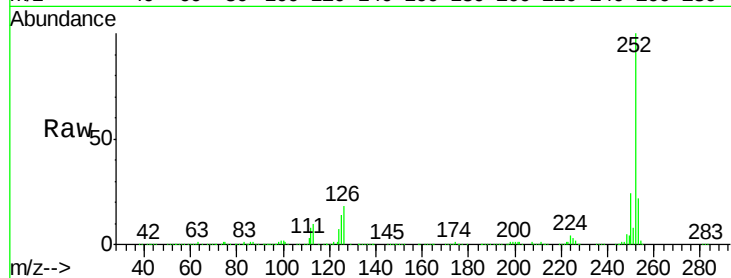




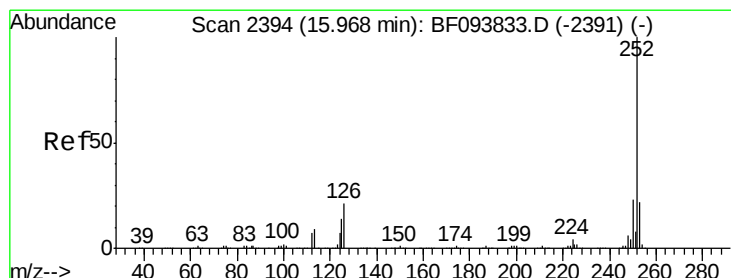
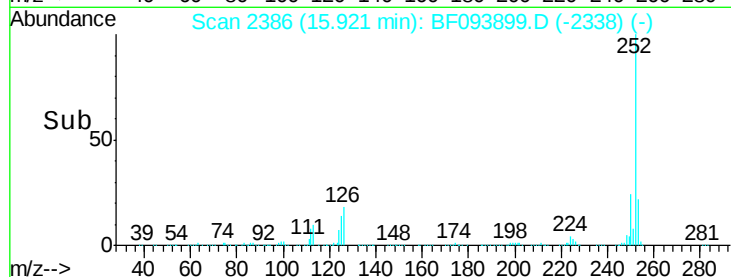
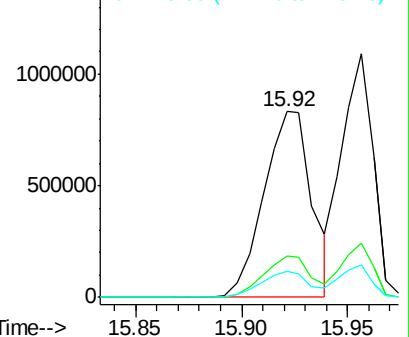
#87
Benzo(b)fluoranthene
Concen: 41.50 ng
RT: 15.92 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1311552
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 14.2 9.8 14.8

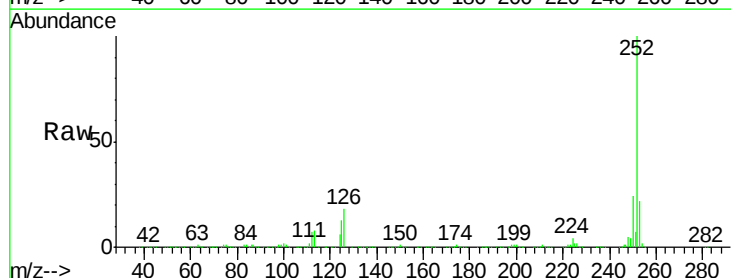


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

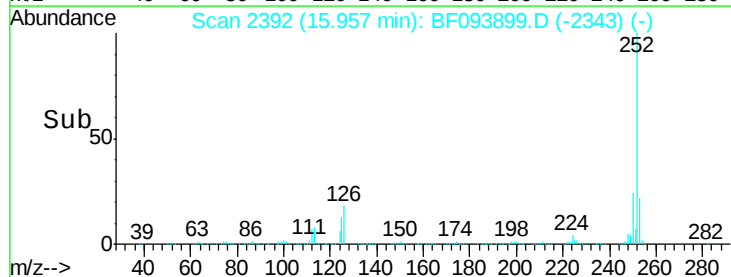
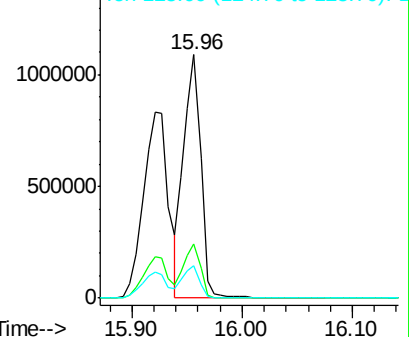


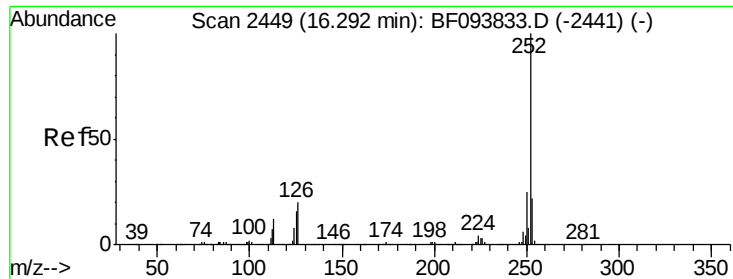
#88
Benzo(k)fluoranthene
Concen: 37.11 ng
RT: 15.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BF093899.D
Acq: 24 Mar 2017 10:44

Tgt Ion:252 Resp: 1147643
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 13.3 13.1 19.7



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





#89

Benzo(a)pyrene

Concen: 40.24 ng

RT: 16.28 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

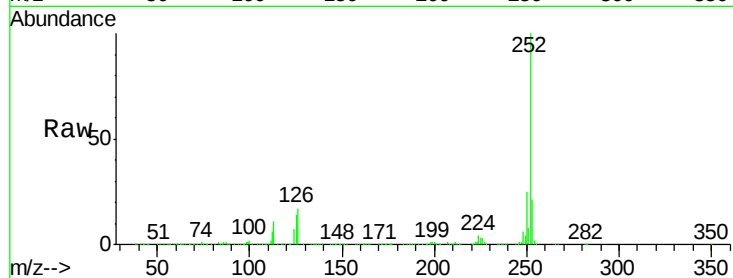
Tgt Ion:252 Resp: 1171122

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

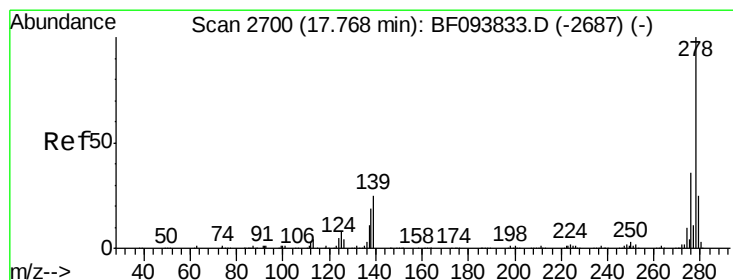
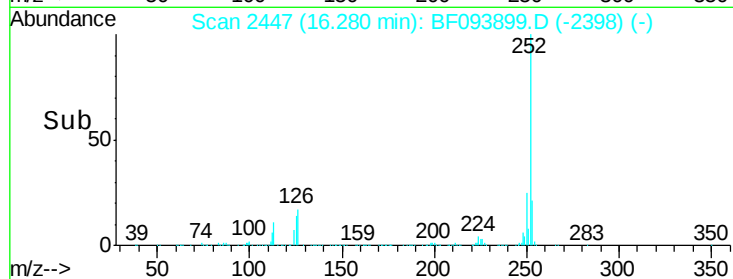
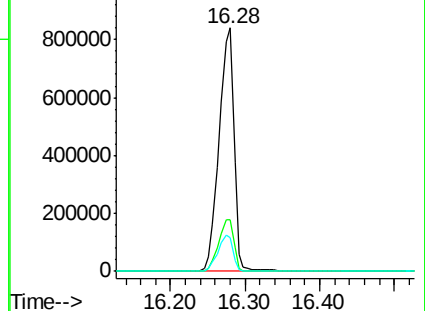
125 14.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.33 ng

RT: 17.76 min Scan# 2698

Delta R.T. -0.01 min

Lab File: BF093899.D

Acq: 24 Mar 2017 10:44

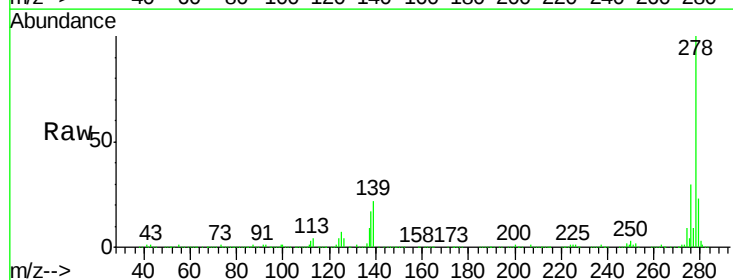
Tgt Ion:278 Resp: 994007

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

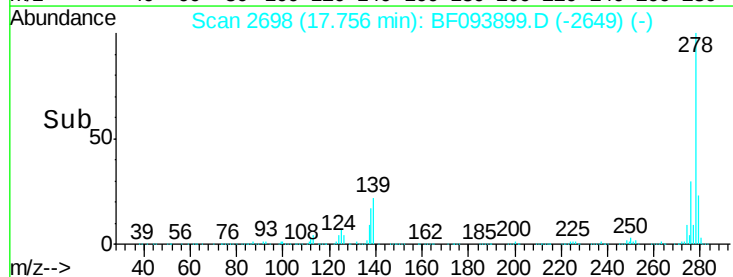
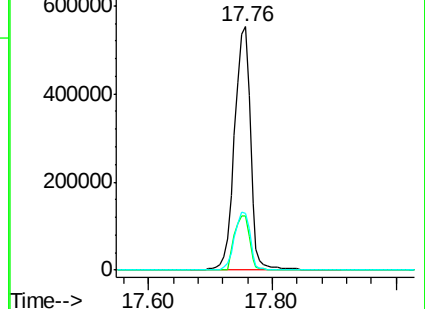
279 23.5 19.3 28.9

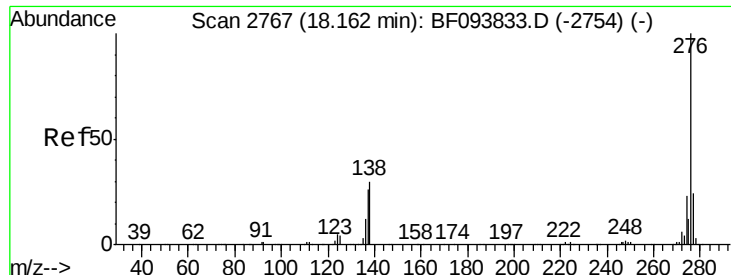


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.33 ng

RT: 18.14 min Scan# 2764

Delta R.T. -0.02 min

Lab File: BF093899.D

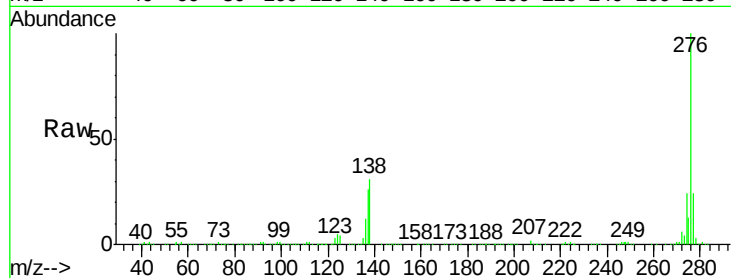
Acq: 24 Mar 2017 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 276 Resp: 976841

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 31.3 25.4 38.0

