

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093912.D
 Acq On : 24 Mar 2017 17:46
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 24 23:04:35 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	5.96	152	200311	20.00	ng	-0.02
21) Naphthalene-d8	7.47	136	820093	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	366386	20.00	ng	-0.02
63) Phenanthrene-d10	11.44	188	647406	20.00	ng	-0.02
75) Chrysene-d12	14.69	240	525029	20.00	ng	-0.02
86) Perylene-d12	16.33	264	450895	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	942507	79.47	ng	-0.01
7) Phenol-d6	5.57	99	1171633	79.86	ng	0.00
23) Nitrobenzene-d5	6.62	82	1148376	79.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	241456	83.40	ng	-0.02
44) 2-Fluorobiphenyl	8.79	172	1888565	78.62	ng	-0.03
78) Terphenyl-d14	13.42	244	1811324	77.33	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	225625	39.60	ng	98
3) Pyridine	2.83	79	630960	40.63	ng	98
4) n-Nitrosodimethylamine	2.79	42	258910	40.52	ng	95
6) Aniline	5.59	93	782072	38.32	ng	# 80
8) 2-Chlorophenol	5.73	128	531080	40.74	ng	97
9) Benzaldehyde	5.46	77	380041	38.36	ng	98
10) Phenol	5.58	94	641232	38.41	ng	80
11) bis(2-Chloroethyl)ether	5.67	93	522965	40.08	ng	99
12) 1,3-Dichlorobenzene	5.90	146	586172	40.09	ng	99
13) 1,4-Dichlorobenzene	5.99	146	591234	39.92	ng	97
14) 1,2-Dichlorobenzene	6.16	146	544013	39.89	ng	96
15) Benzyl Alcohol	6.13	79	429137	39.96	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.29	45	768911	38.24	ng	98
17) 2-Methylphenol	6.27	107	450749	40.37	ng	98
18) Hexachloroethane	6.56	117	210543	40.45	ng	# 85
19) n-Nitroso-di-n-propylamine	6.45	70	360080	38.19	ng	99
20) 3+4-Methylphenols	6.45	107	546745	40.44	ng	# 67
22) Acetophenone	6.44	105	744037	40.71	ng	# 89
24) Nitrobenzene	6.64	77	566314	39.96	ng	95
25) Isophorone	6.93	82	1001288	39.65	ng	96
26) 2-Nitrophenol	7.01	139	297853	44.07	ng	94
27) 2,4-Dimethylphenol	7.08	122	469194	40.29	ng	97
28) bis(2-Chloroethoxy)methane	7.19	93	646716	38.84	ng	99
29) 2,4-Dichlorophenol	7.31	162	444851	40.85	ng	98
30) 1,2,4-Trichlorobenzene	7.40	180	447456	39.90	ng	98
31) Naphthalene	7.50	128	1551847	39.35	ng	100
32) Benzoic acid	7.24	122	316399	40.81	ng	98
33) 4-Chloroaniline	7.56	127	642469	40.20	ng	94
34) Hexachlorobutadiene	7.65	225	225095	39.14	ng	98
35) Caprolactam	8.02	113	146241	42.11	ng	94
36) 4-Chloro-3-methylphenol	8.17	107	462729	40.67	ng	91
37) 2-Methylnaphthalene	8.34	142	1028534	39.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	396446	39.55	ng	99
40) Hexachlorocyclopentadiene	8.53	237	201410	42.94	ng	100

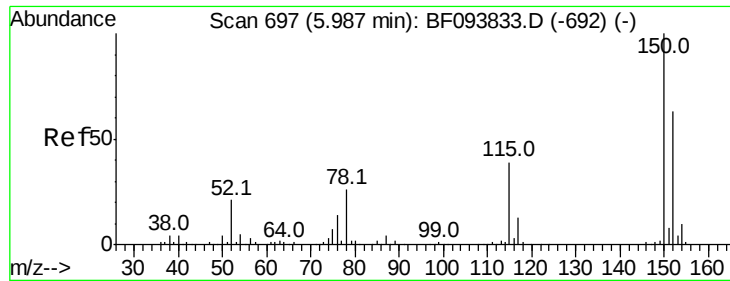
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	293041	41.32	ng	99
43) 2,4,5-Trichlorophenol	8.74	196	319058	41.58	ng	94
45) 1,1'-Biphenyl	8.92	154	1159442	39.23	ng	98
46) 2-Chloronaphthalene	8.93	162	918138	39.69	ng	94
47) 2-Nitroaniline	9.06	65	290627	42.35	ng	91
48) Acenaphthylene	9.44	152	1519645	39.53	ng	99
49) Dimethylphthalate	9.30	163	1047459	40.22	ng	100
50) 2,6-Dinitrotoluene	9.36	165	251483	42.12	ng	# 84
51) Acenaphthene	9.66	154	871553	38.85	ng	99
52) 3-Nitroaniline	9.57	138	300660	42.89	ng	90
53) 2,4-Dinitrophenol	9.70	184	132544	43.73	ng	# 65
54) Dibenzofuran	9.87	168	1186526	38.85	ng	99
55) 4-Nitrophenol	9.80	139	234752	42.76	ng	# 79
56) 2,4-Dinitrotoluene	9.86	165	311169	41.49	ng	# 75
57) Fluorene	10.29	166	951695	37.58	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	217713	41.35	ng	99
59) Diethylphthalate	10.17	149	1023335	39.75	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	398124	36.90	ng	95
61) 4-Nitroaniline	10.33	138	295939	43.99	ng	97
62) Azobenzene	10.49	77	957043	39.30	ng	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	176219	44.45	ng	# 74
65) n-Nitrosodiphenylamine	10.45	169	879342	39.28	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	252287	39.62	ng	94
67) Hexachlorobenzene	10.97	284	255714	39.67	ng	# 90
68) Atrazine	11.12	200	274935	41.00	ng	95
69) Pentachlorophenol	11.21	266	150300	37.46	ng	99
70) Phenanthrene	11.47	178	1424285	39.55	ng	99
71) Anthracene	11.53	178	1460474	39.39	ng	99
72) Carbazole	11.73	167	1499810	39.44	ng	98
73) Di-n-butylphthalate	12.18	149	1592871	40.28	ng	100
74) Fluoranthene	12.93	202	1467092	39.78	ng	99
76) Benzidine	13.10	184	848746	40.84	ng	97
77) Pyrene	13.21	202	1520303	39.90	ng	100
79) Butylbenzylphthalate	14.02	149	690659	42.54	ng	# 86
80) Benzo(a)anthracene	14.68	228	1247172	40.74	ng	99
81) 3,3'-Dichlorobenzidine	14.66	252	469450	42.90	ng	# 96
82) Chrysene	14.73	228	1087813	38.29	ng	99
83) Bis(2-ethylhexyl)phthalate	14.74	149	853258	38.52	ng	# 98
84) Di-n-octyl phthalate	15.49	149	1563371	42.25	ng	98
85) Indeno(1,2,3-cd)pyrene	17.72	276	1001288	40.69	ng	98
87) Benzo(b)fluoranthene	15.92	252	1109327	40.14	ng	99
88) Benzo(k)fluoranthene	15.94	252	1056668	39.07	ng	96
89) Benzo(a)pyrene	16.27	252	1021947	40.15	ng	98
90) Dibenzo(a,h)anthracene	17.74	278	849481	39.41	ng	99
91) Benzo(g,h,i)perylene	18.13	276	832982	38.35	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.96 min Scan# 693

Delta R.T. -0.02 min

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SSTDCCC040

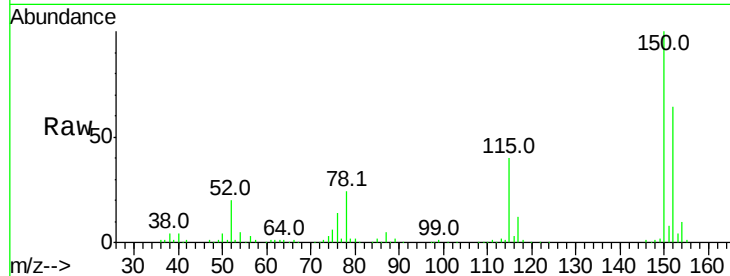
Tot Ion:152 Resp: 200311

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

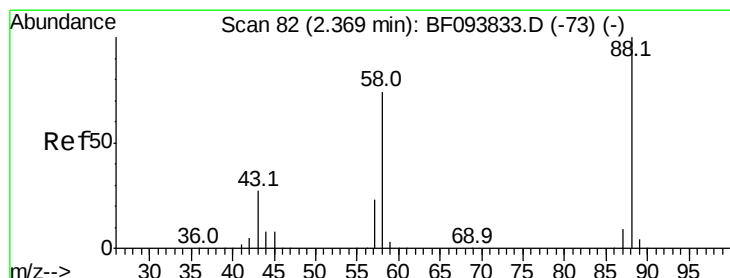
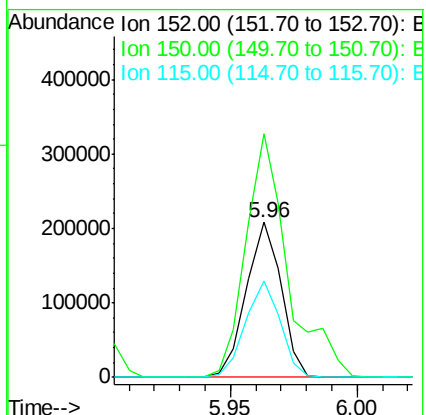
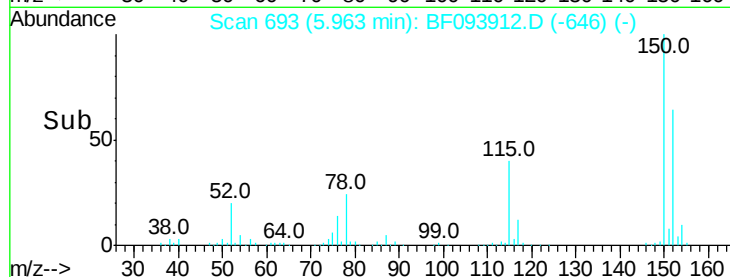
115 62.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.60 ng

RT: 2.33 min Scan# 76

Delta R.T. -0.04 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

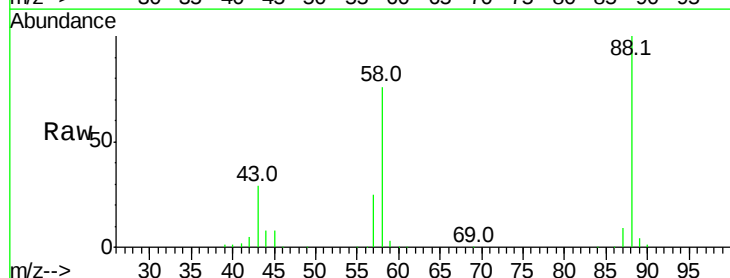
Tgt Ion: 88 Resp: 225625

Ion Ratio Lower Upper

88 100

58 74.9 61.4 92.0

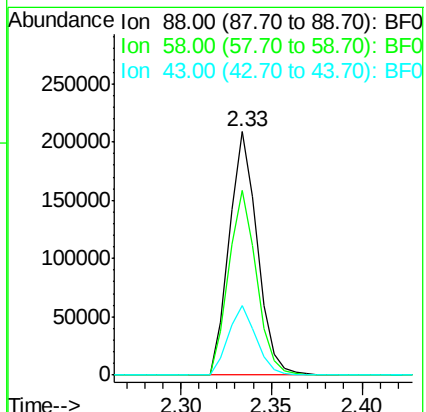
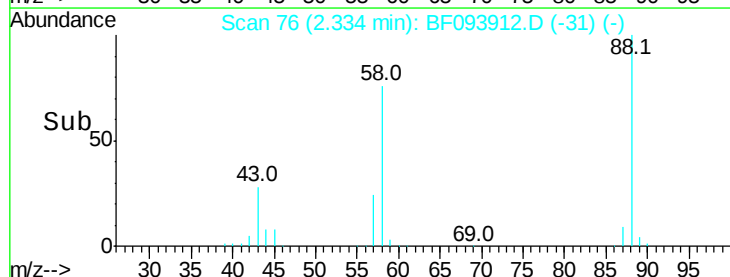
43 28.4 23.4 35.0

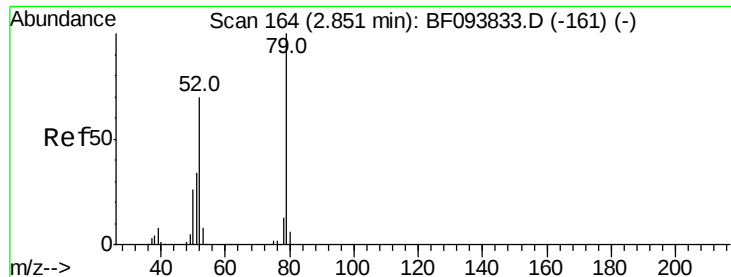


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.63 ng

RT: 2.83 min Scan# 160

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

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ClientSampleId :

SSTDCCC040

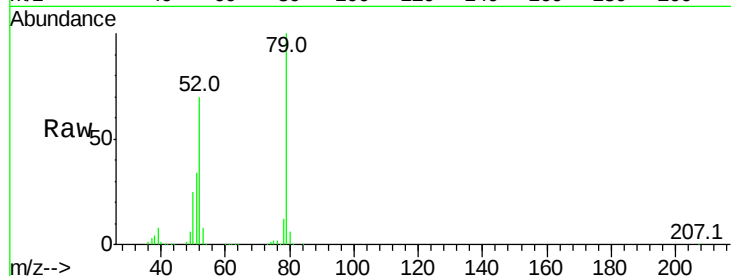
Tot Ion: 79 Resp: 630960

Ion Ratio Lower Upper

79 100

52 70.3 54.8 82.2

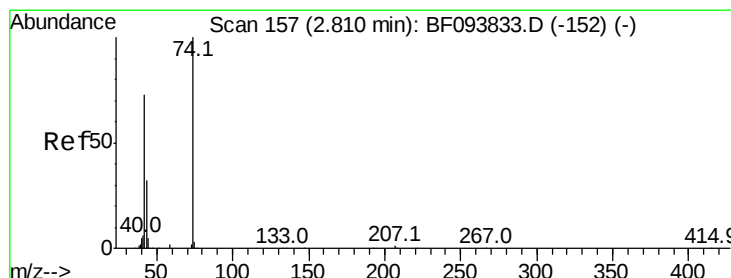
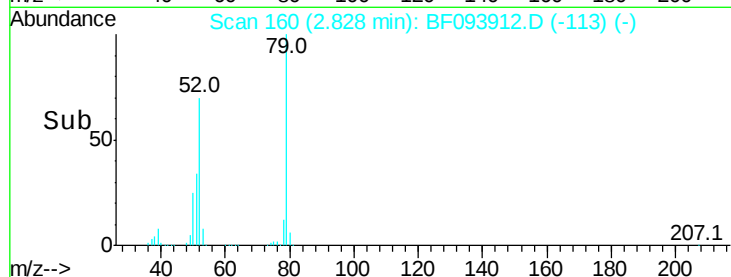
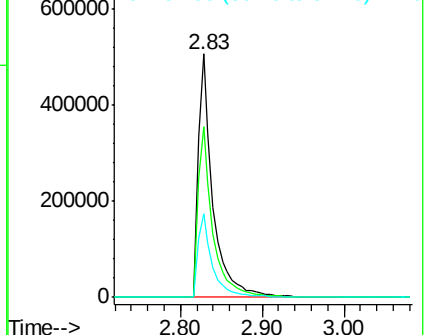
51 34.1 27.0 40.4



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: 40.52 ng

RT: 2.79 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

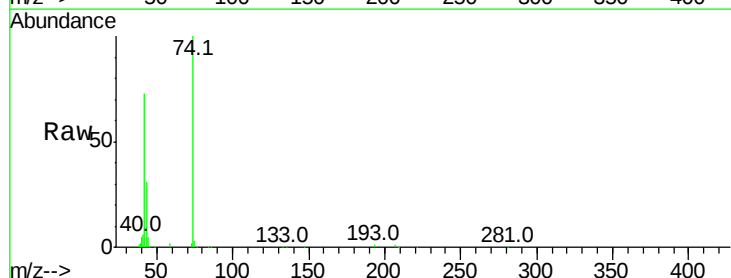
Tgt Ion: 42 Resp: 258910

Ion Ratio Lower Upper

42 100

74 136.3 103.9 155.9

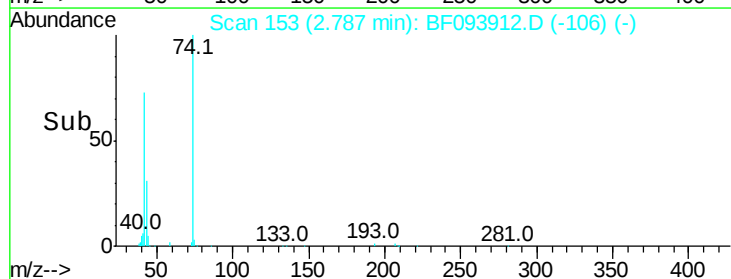
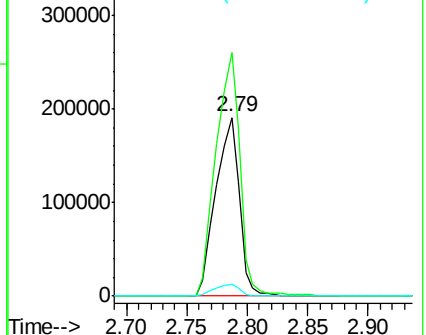
44 7.0 5.7 8.5



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: 79.47 ng

RT: 4.49 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

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ClientSampleId :

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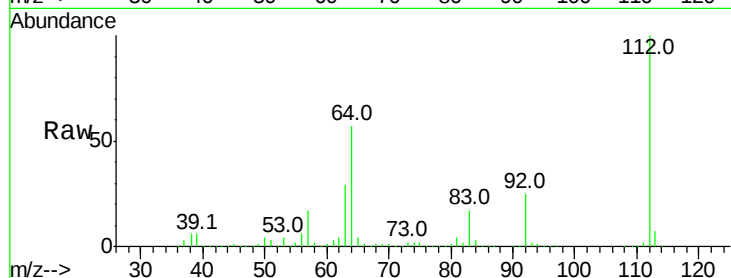
Tot Ion:112 Resp: 942507

Ion Ratio Lower Upper

112 100

64 56.9 46.0 69.0

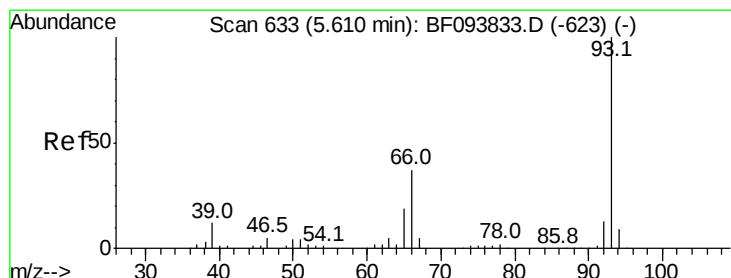
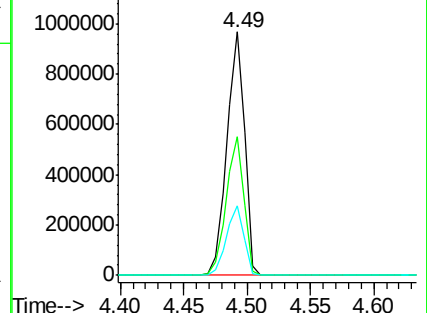
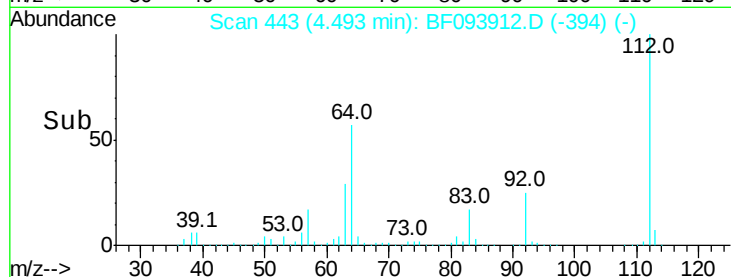
63 28.8 23.4 35.0



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: 38.32 ng

RT: 5.59 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

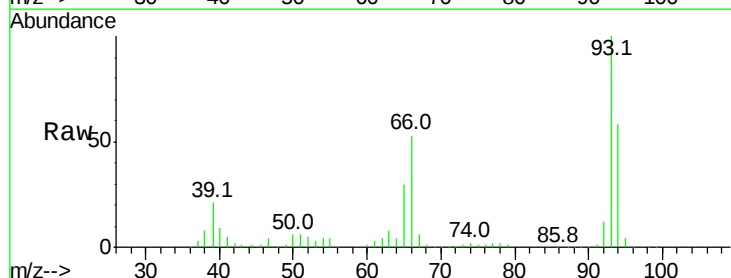
Tgt Ion: 93 Resp: 782072

Ion Ratio Lower Upper

93 100

66 53.4 32.9 49.3#

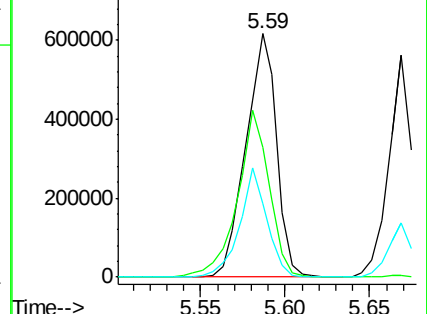
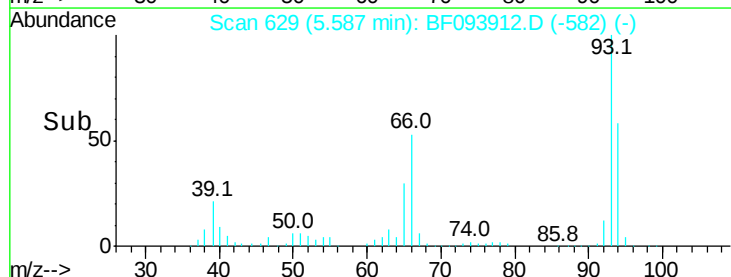
65 30.2 16.0 24.0#

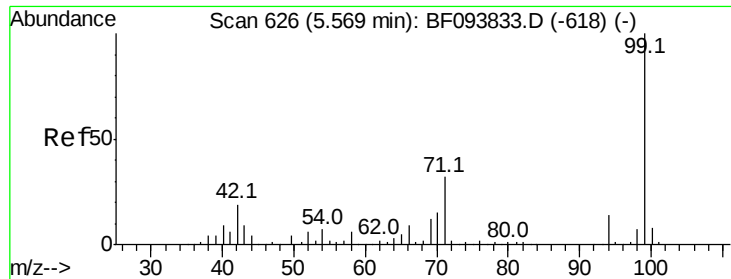


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.86 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

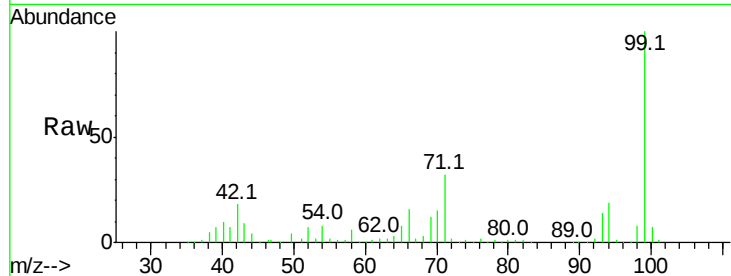
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1171633

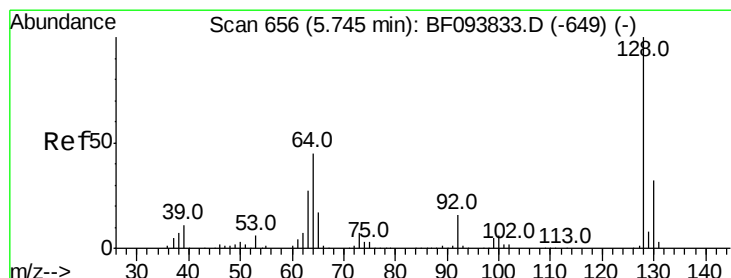
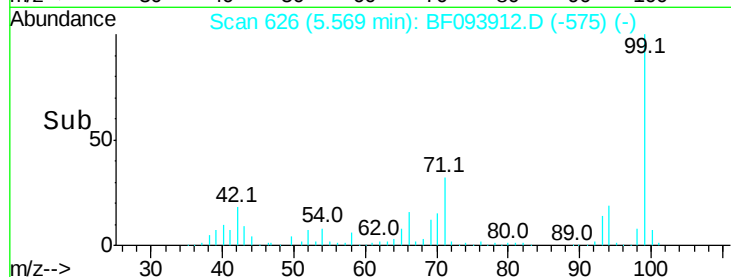
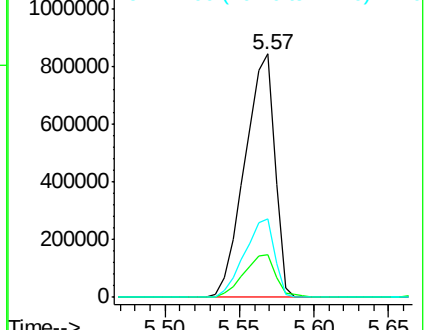
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	32.3	24.5	36.7



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: 40.74 ng

RT: 5.73 min Scan# 653

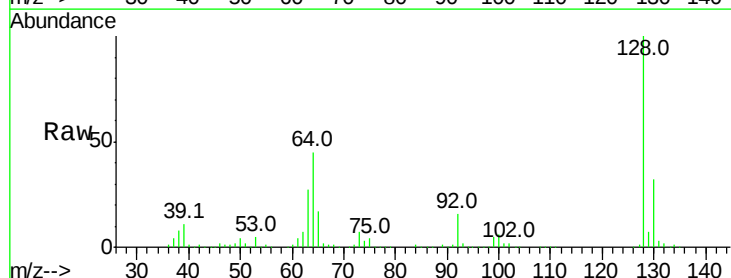
Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Tgt Ion: 128 Resp: 531080

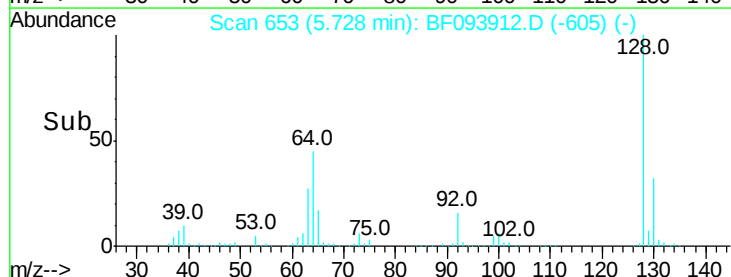
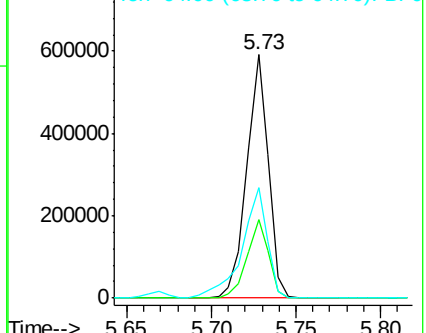
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	45.3	28.4	68.4

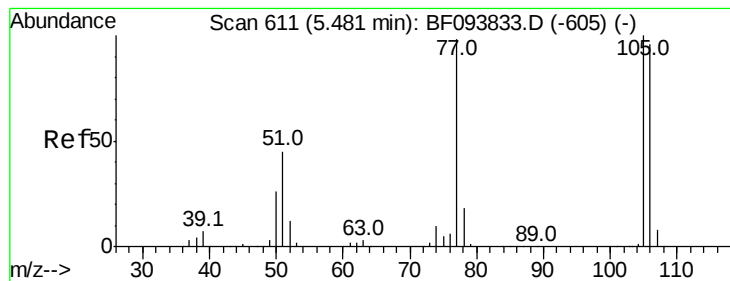


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.36 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.02 min

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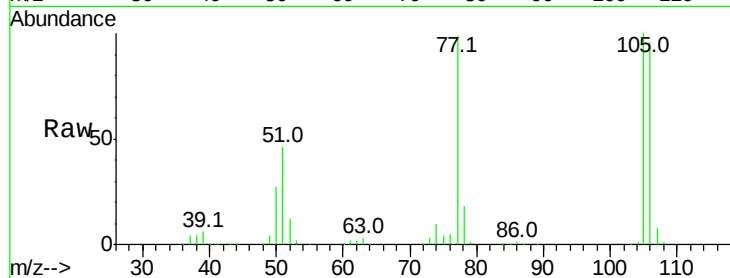
Tot Ion: 77 Resp: 380041

Ion Ratio Lower Upper

77 100

105 101.3 83.8 123.8

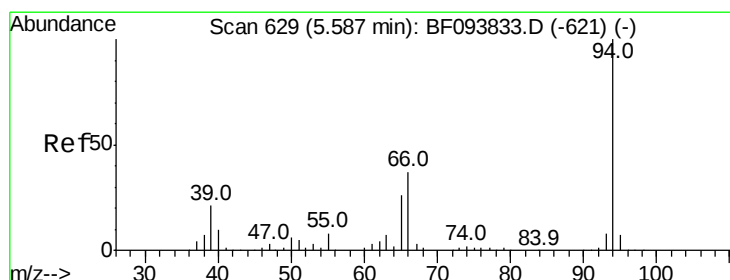
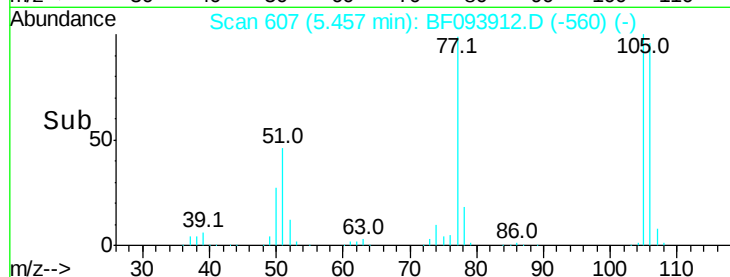
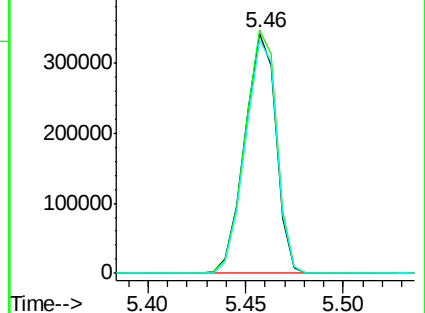
106 97.3 79.1 119.1



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: 38.41 ng

RT: 5.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

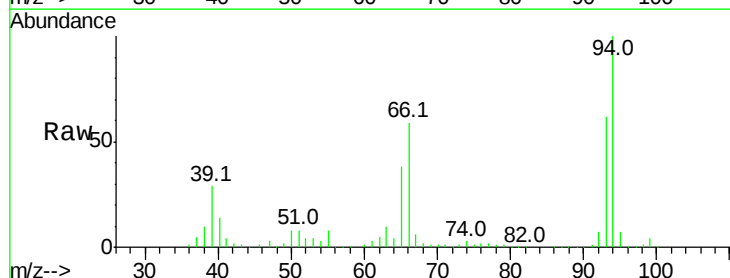
Tgt Ion: 94 Resp: 641232

Ion Ratio Lower Upper

94 100

65 38.1 9.9 49.9

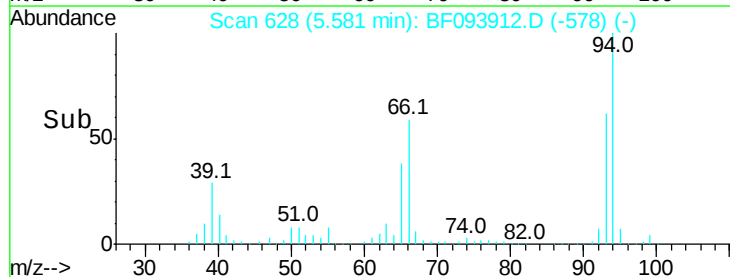
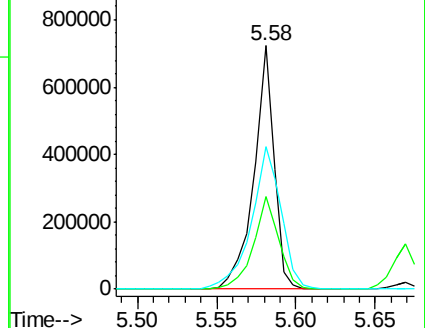
66 58.6 23.1 63.1



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: 40.08 ng

RT: 5.67 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

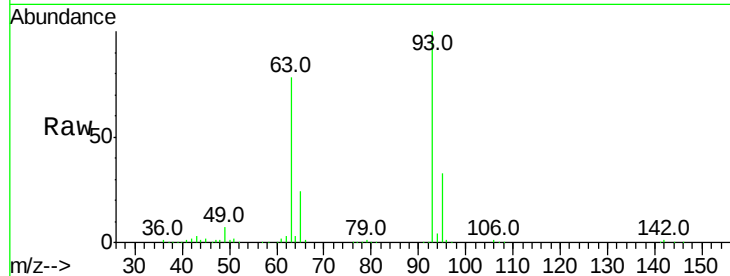
Tot Ion: 93 Resp: 522965

Ion Ratio Lower Upper

93 100

63 78.3 59.2 99.2

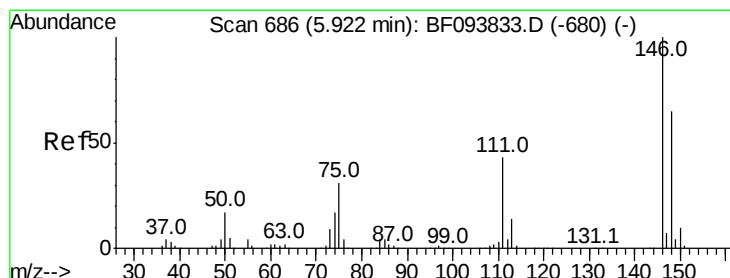
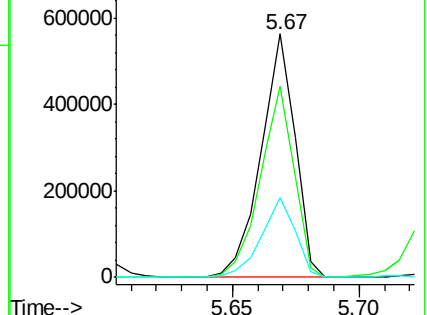
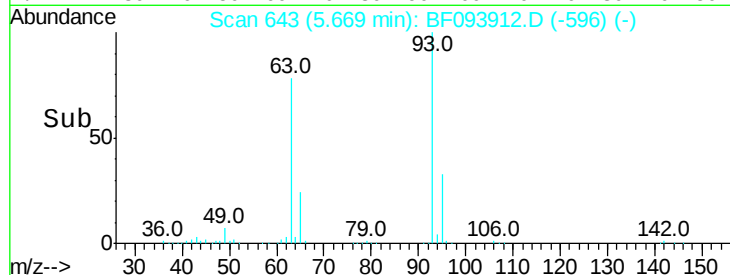
95 32.7 12.8 52.8



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: 40.09 ng

RT: 5.90 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

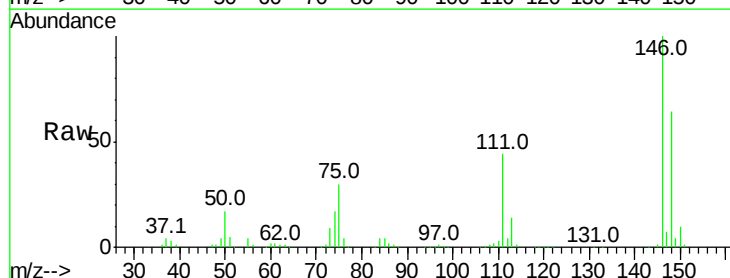
Tgt Ion: 146 Resp: 586172

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

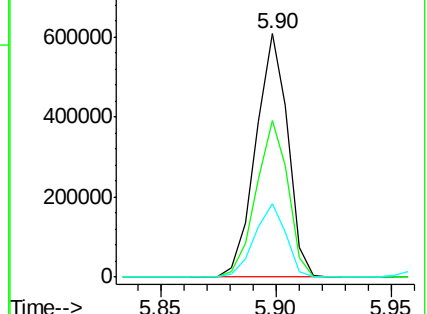
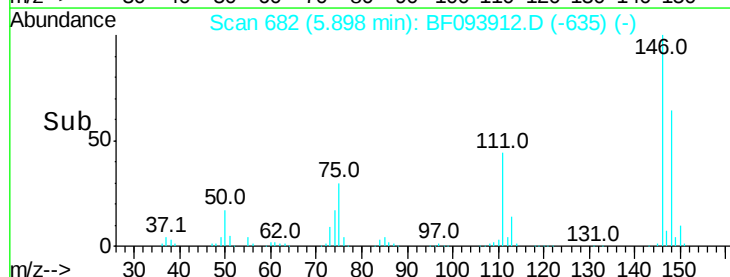
75 30.1 23.1 34.7

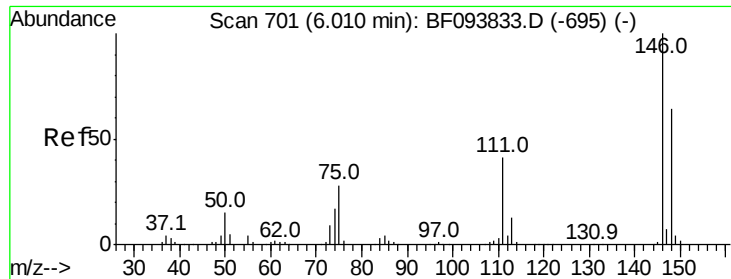


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

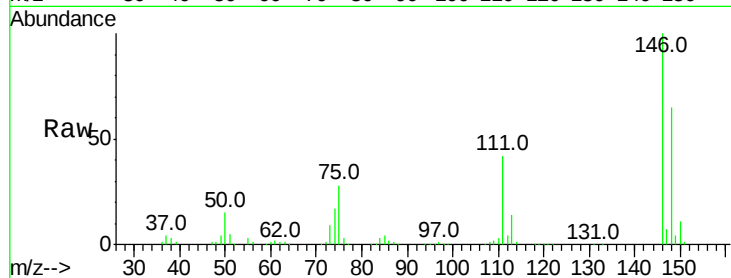




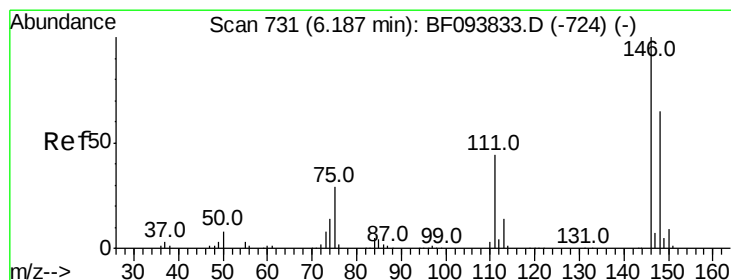
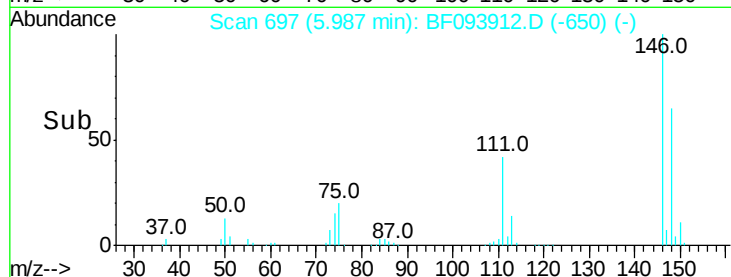
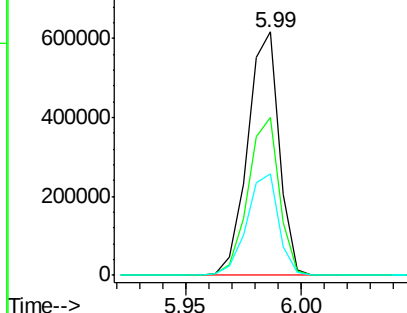
#13
 1,4-Dichlorobenzene
 Concen: 39.92 ng
 RT: 5.99 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:146 Resp: 591234
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 41.6 30.3 45.5

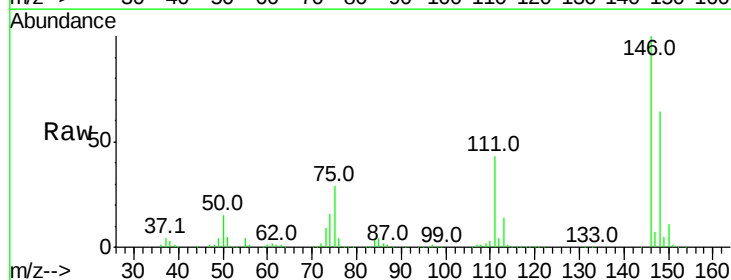


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

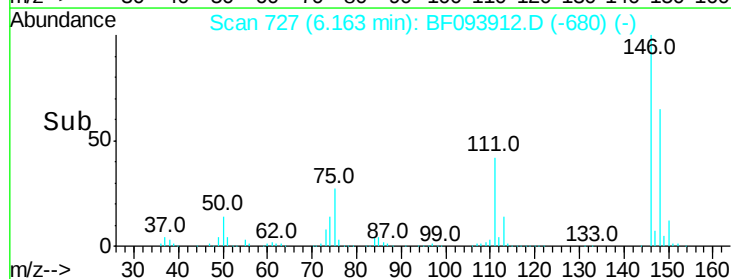
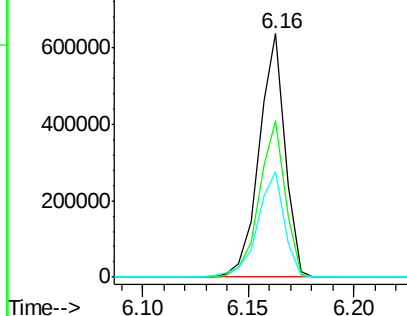


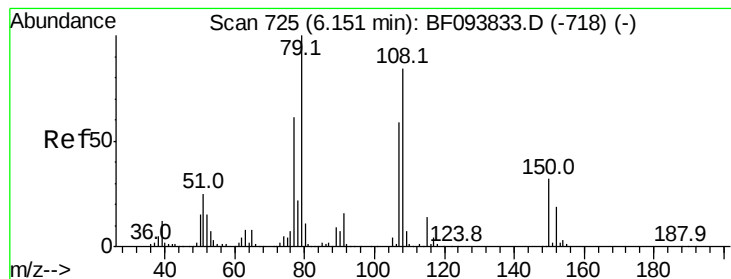
#14
 1,2-Dichlorobenzene
 Concen: 39.89 ng
 RT: 6.16 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:146 Resp: 544013
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 43.3 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 39.96 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

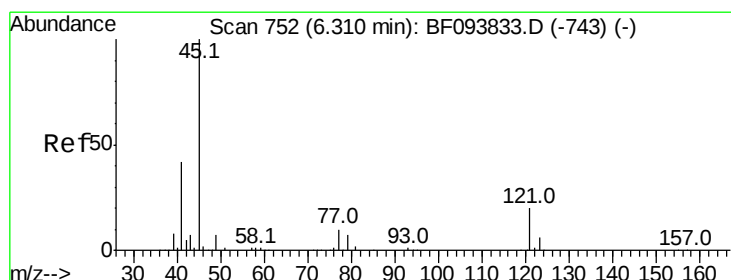
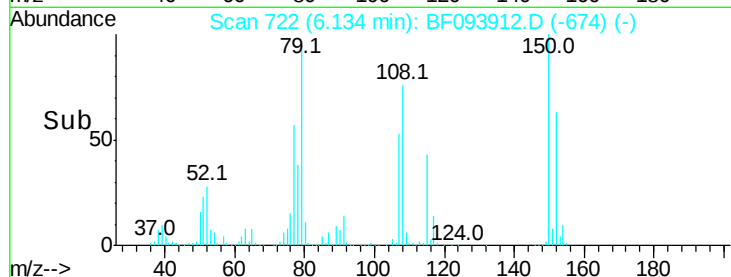
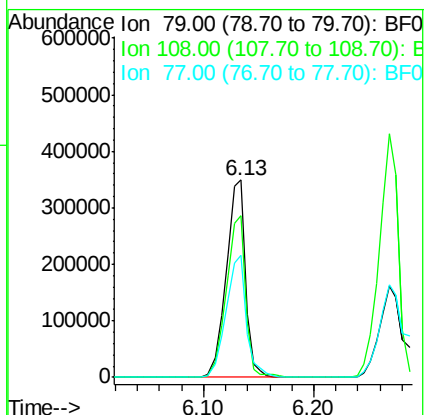
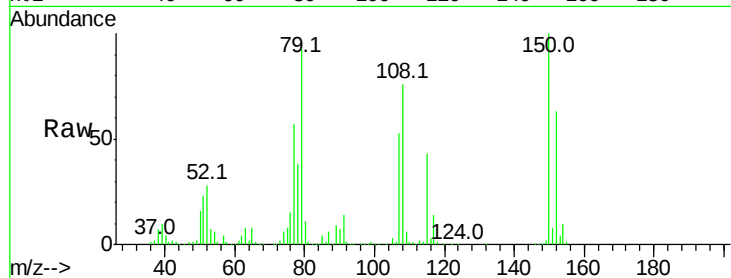
Tot Ion: 79 Resp: 429137

Ion Ratio Lower Upper

79 100

108 81.7 63.4 95.0

77 61.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.24 ng

RT: 6.29 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

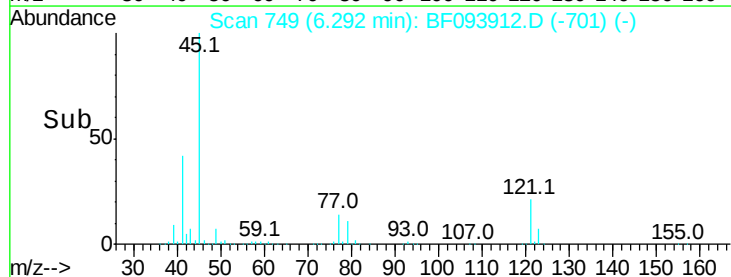
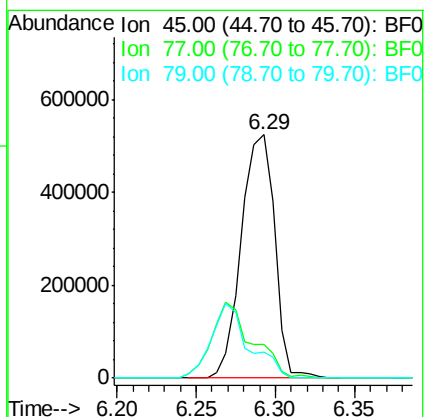
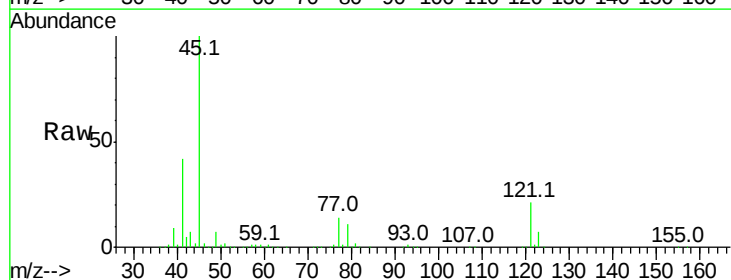
Tgt Ion: 45 Resp: 768911

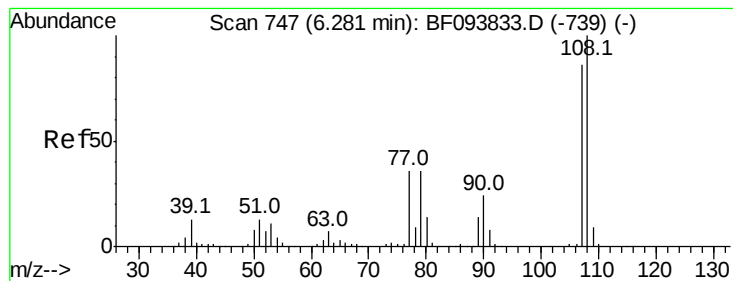
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.2

79 10.8 0.0 30.0





#17

2-Methylphenol

Concen: 40.37 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 450749

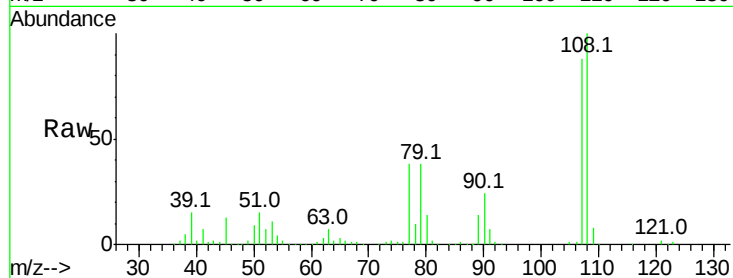
Ion Ratio Lower Upper

107 100

108 113.7 93.4 140.0

77 43.3 35.8 53.6

79 42.7 34.8 52.2

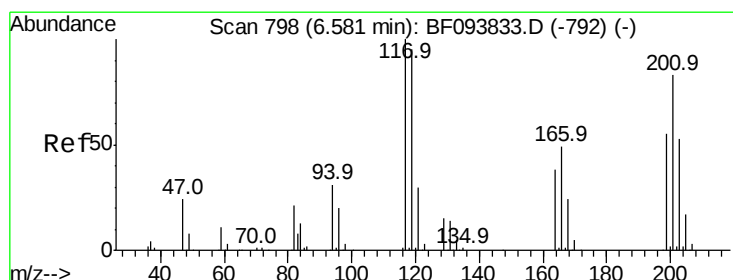
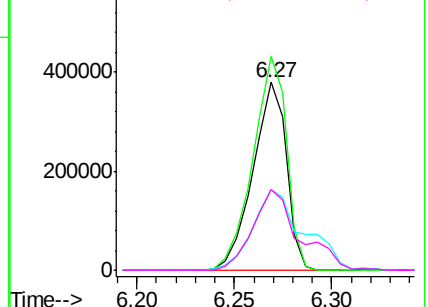
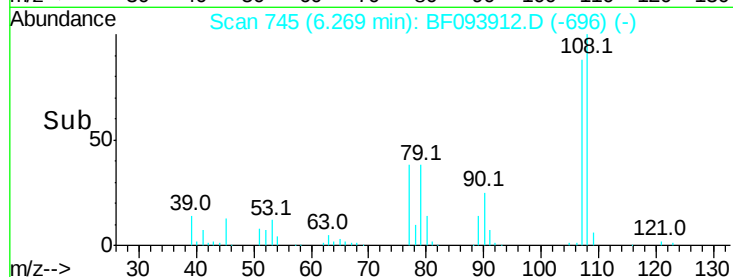


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.45 ng

RT: 6.56 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

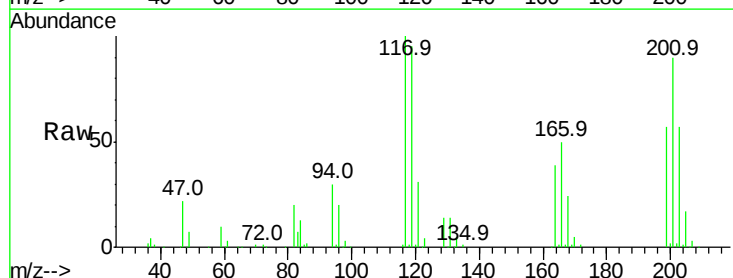
Tgt Ion:117 Resp: 210543

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.0

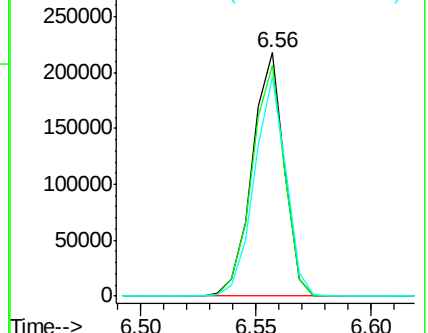
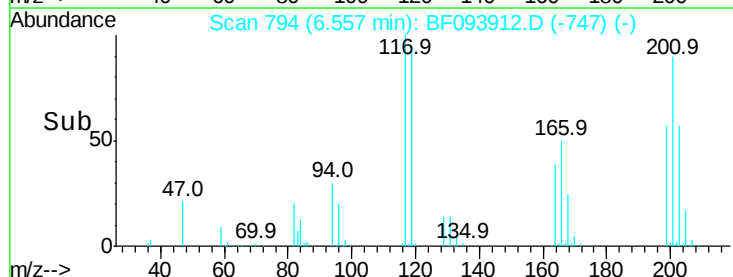
201 90.1 94.6 141.8#

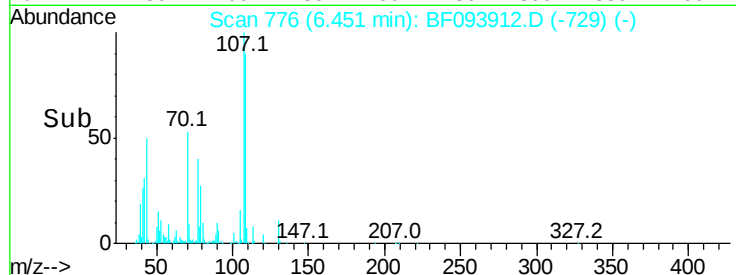
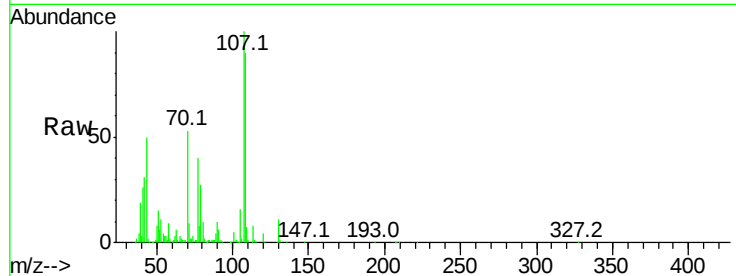


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.19 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.02 min

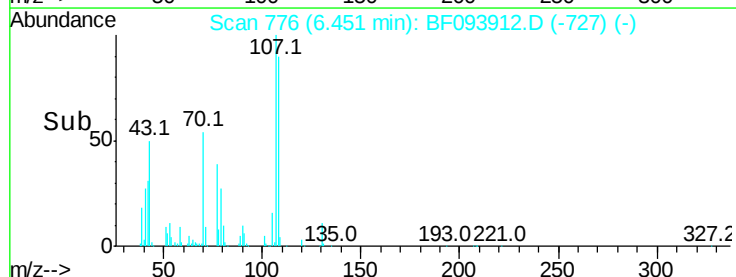
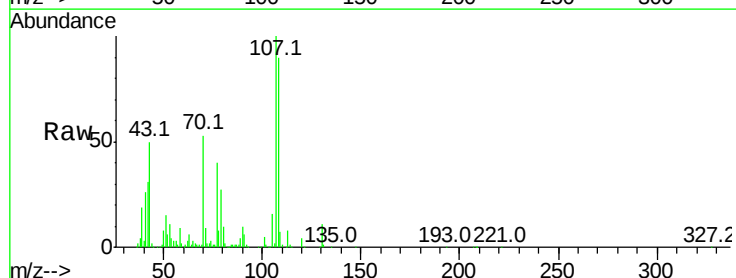
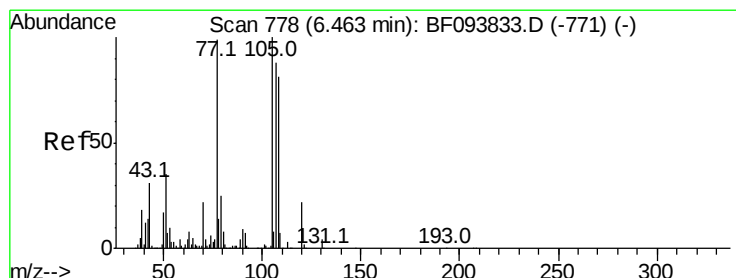
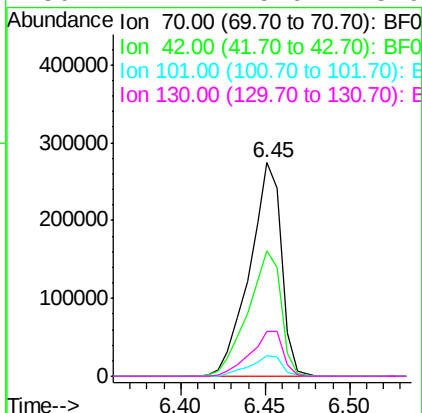
Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 360080

Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.2	70.8
101	9.7	7.2	10.8
130	21.2	15.9	23.9



#20

3+4-Methylphenols

Concen: 40.44 ng

RT: 6.45 min Scan# 776

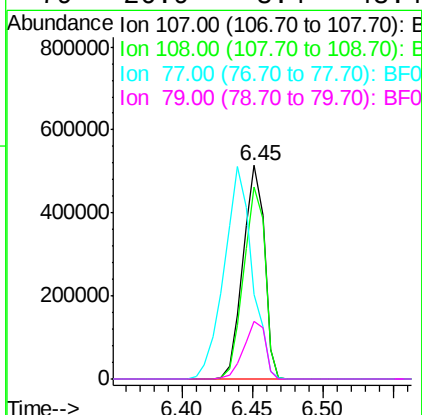
Delta R.T. -0.01 min

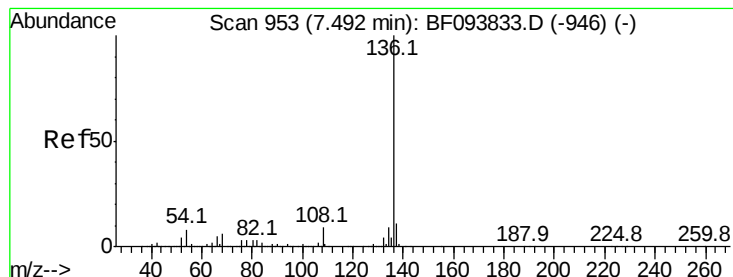
Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Tgt Ion: 107 Resp: 546745

Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.0	111.0
77	39.5	90.5	130.5#
79	26.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.47 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 820093

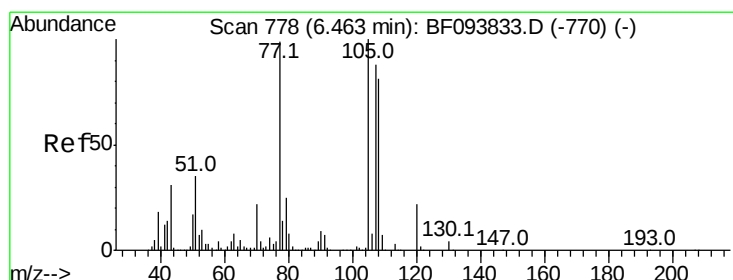
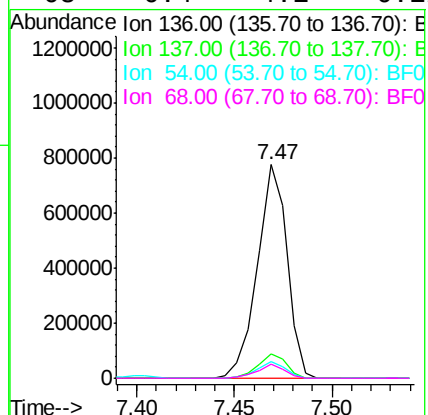
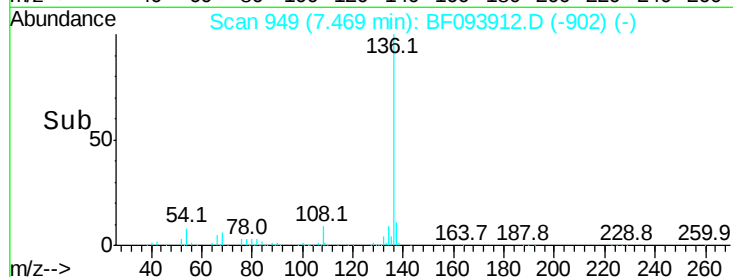
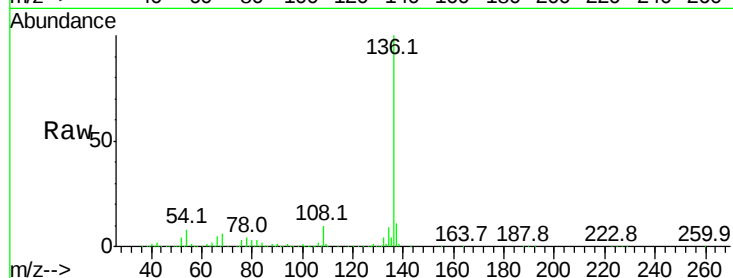
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.8 4.9 7.3#

68 6.4 4.1 6.1#



#22

Acetophenone

Concen: 40.71 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Tgt Ion:105 Resp: 744037

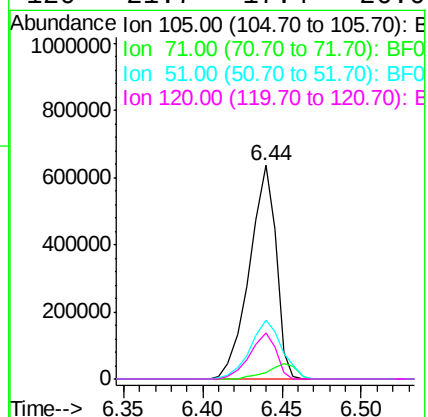
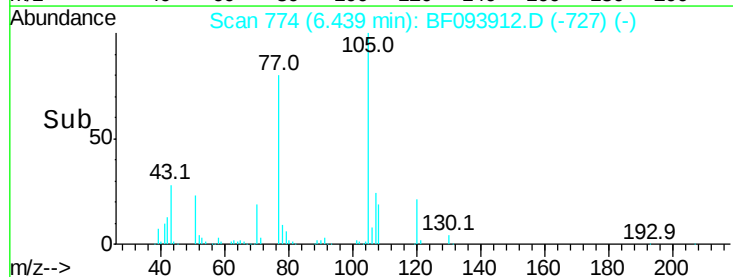
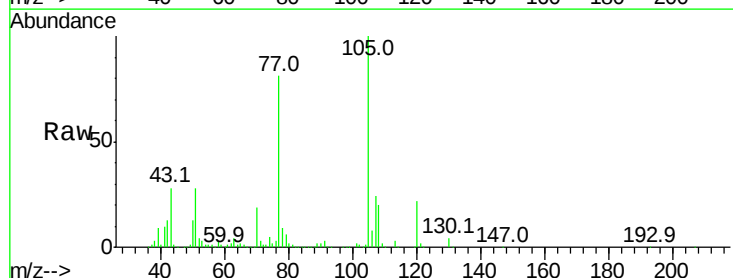
Ion Ratio Lower Upper

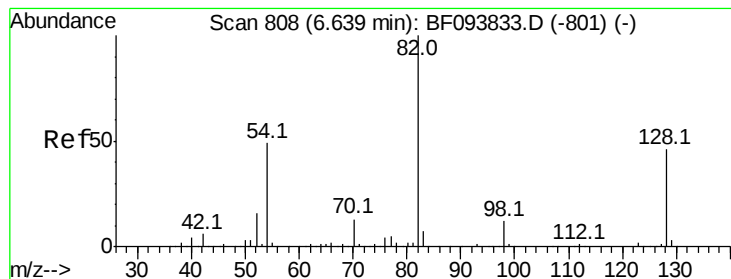
105 100

71 3.2 2.8 4.2

51 27.6 30.7 46.1#

120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 79.91 ng

RT: 6.62 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

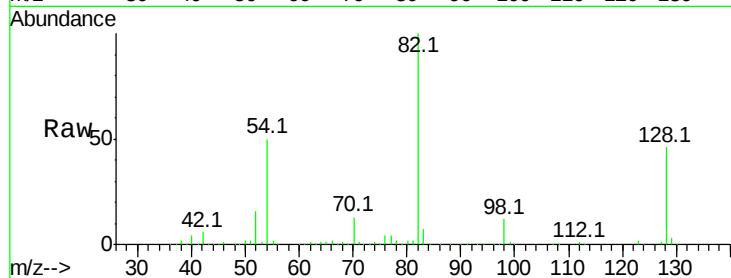
Tot Ion: 82 Resp: 1148376

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

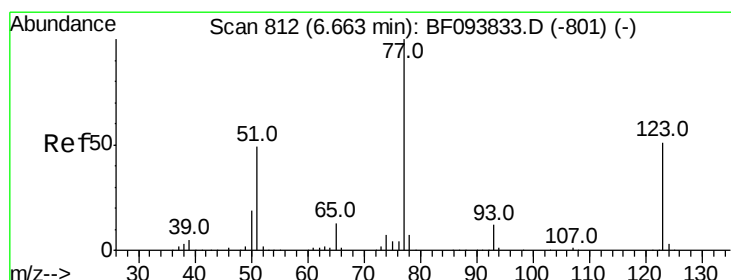
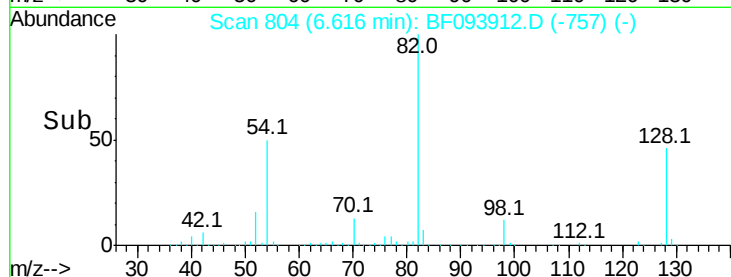
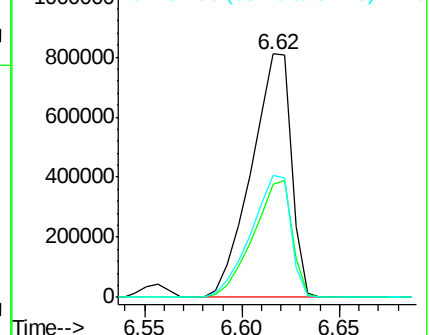
54 50.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.96 ng

RT: 6.64 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

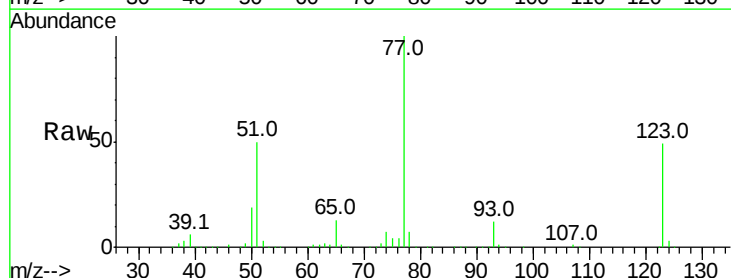
Tgt Ion: 77 Resp: 566314

Ion Ratio Lower Upper

77 100

123 48.8 35.8 53.8

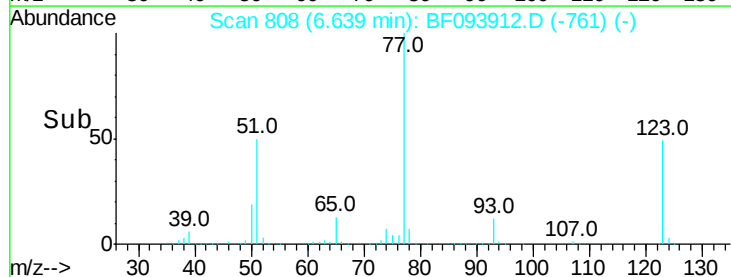
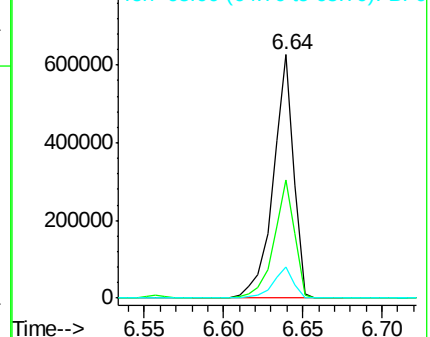
65 13.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.65 ng

RT: 6.93 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

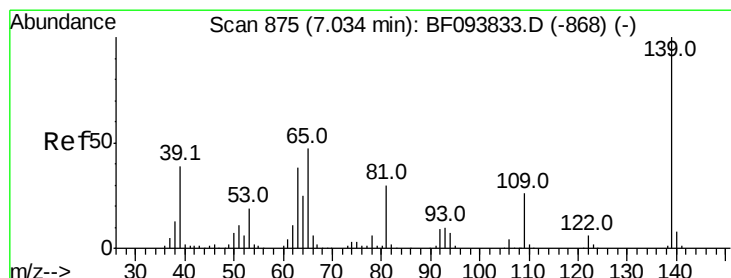
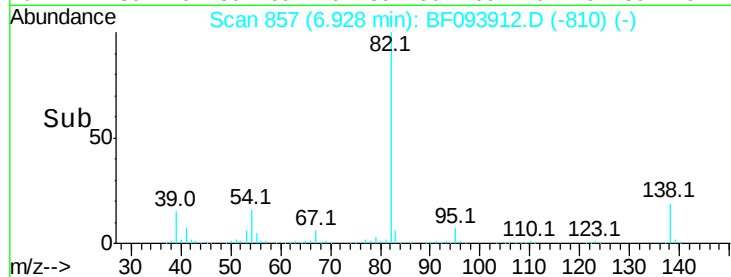
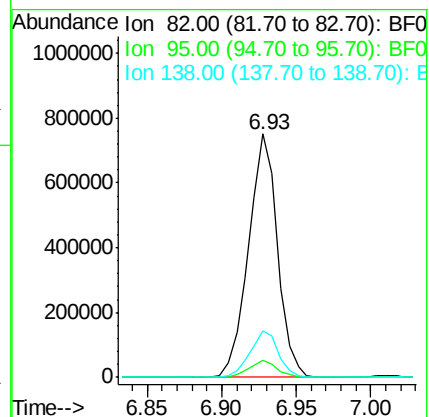
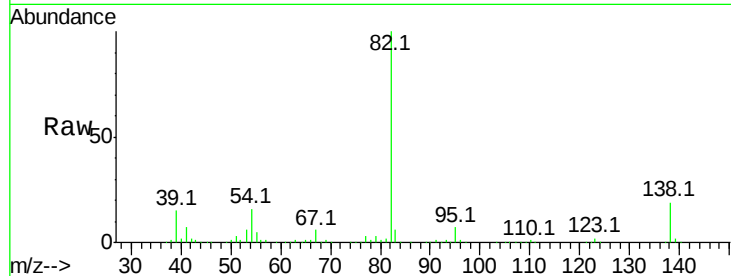
Tot Ion: 82 Resp: 1001288

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 44.07 ng

RT: 7.01 min Scan# 871

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

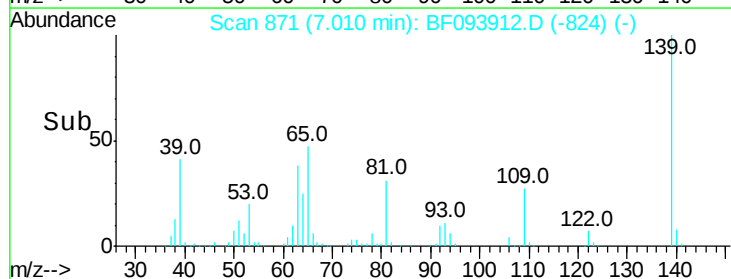
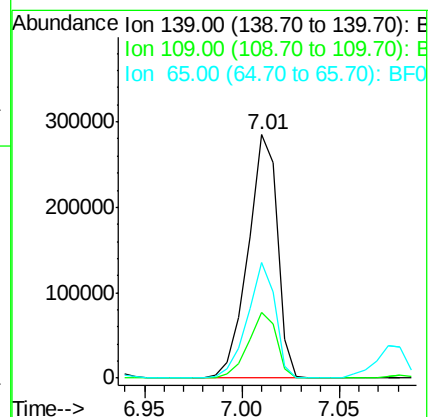
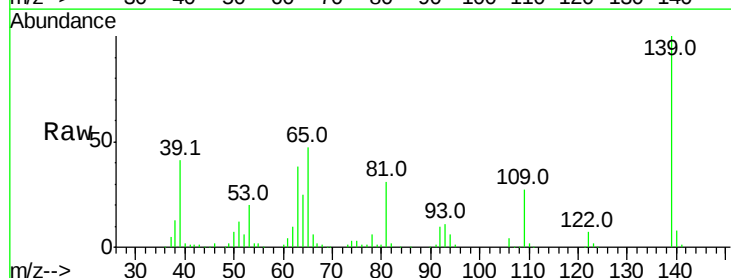
Tgt Ion: 139 Resp: 297853

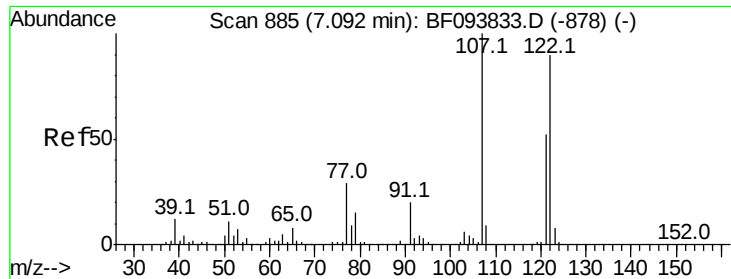
Ion Ratio Lower Upper

139 100

109 27.0 21.0 31.6

65 47.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.29 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

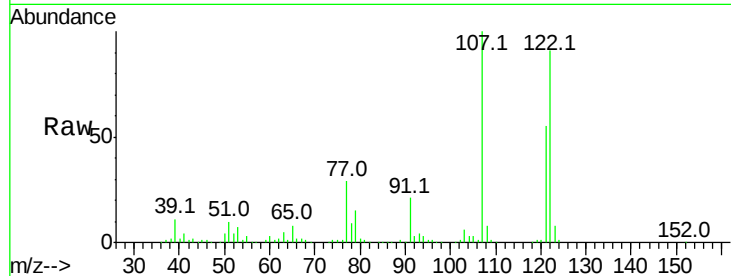
Tot Ion:122 Resp: 469194

Ion Ratio Lower Upper

122 100

107 109.5 89.2 133.8

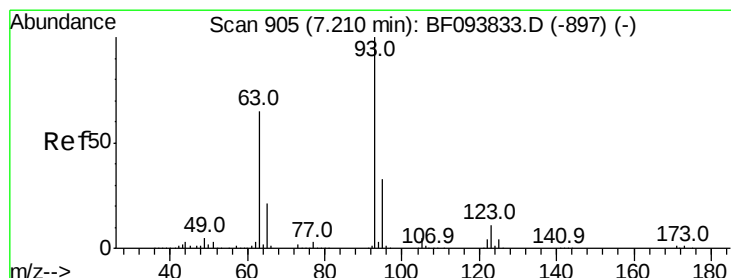
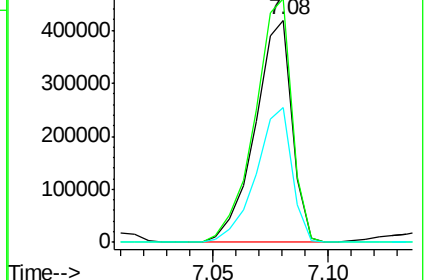
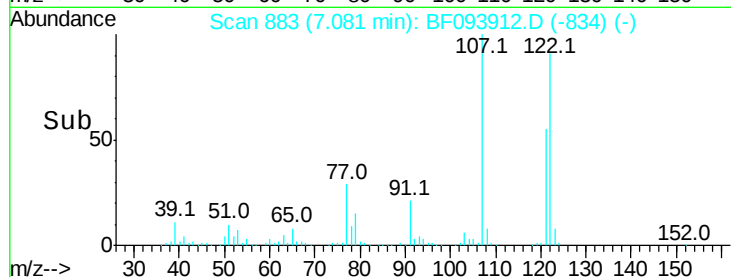
121 60.5 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.84 ng

RT: 7.19 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

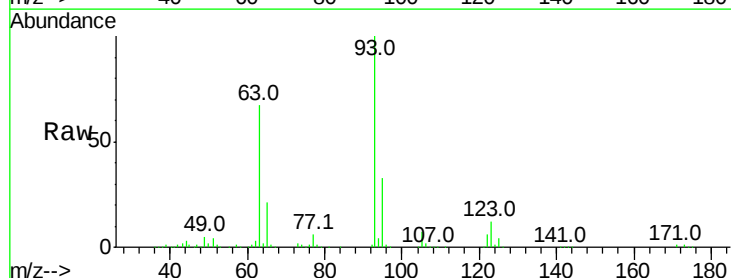
Tgt Ion: 93 Resp: 646716

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

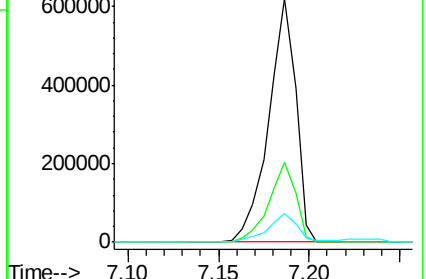
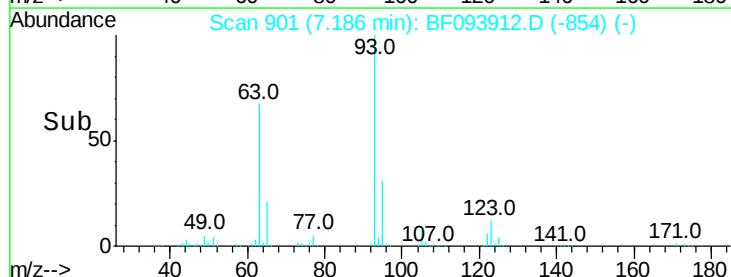
123 11.9 9.0 13.4

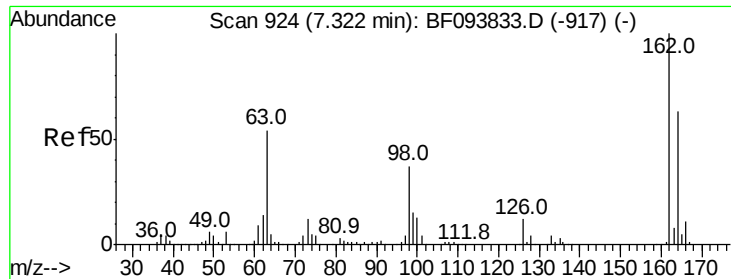


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

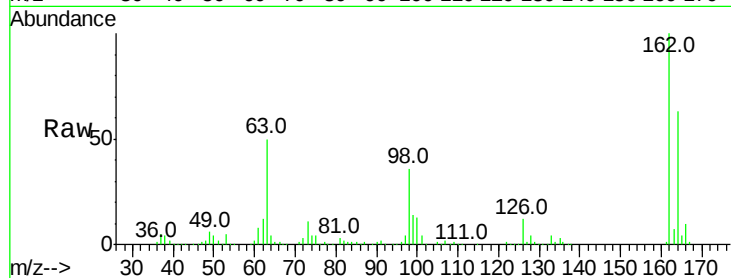




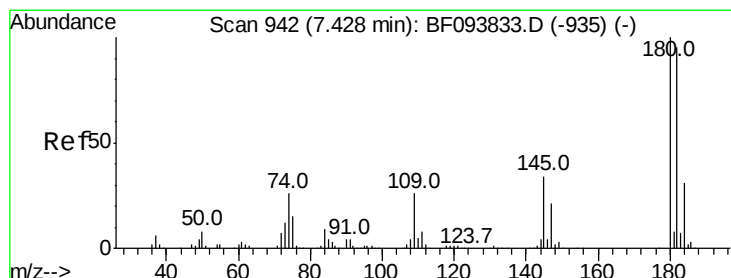
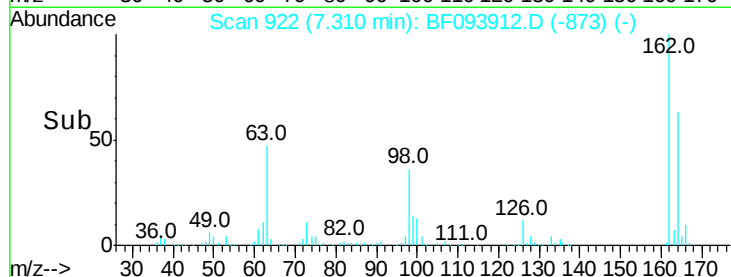
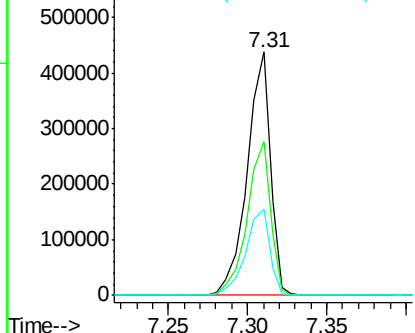
#29
 2,4-Dichlorophenol
 Concen: 40.85 ng
 RT: 7.31 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 444851
 Ion Ratio Lower Upper
 162 100
 164 63.3 44.6 84.6
 98 35.7 14.8 54.8

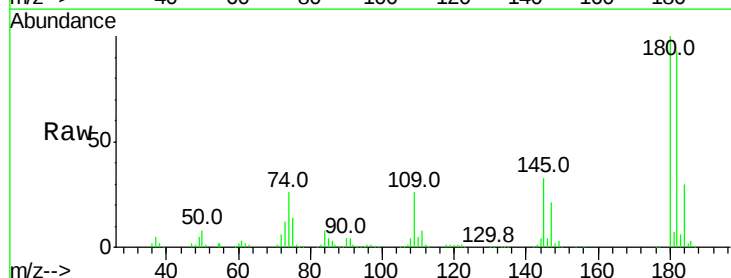


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

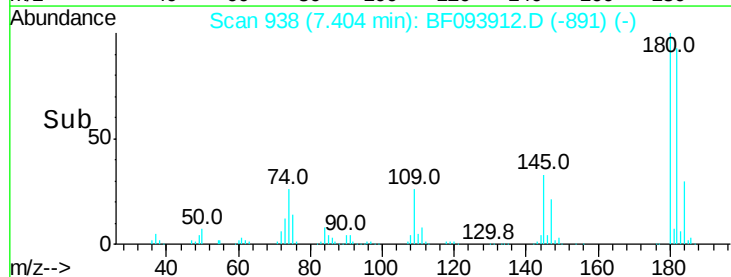
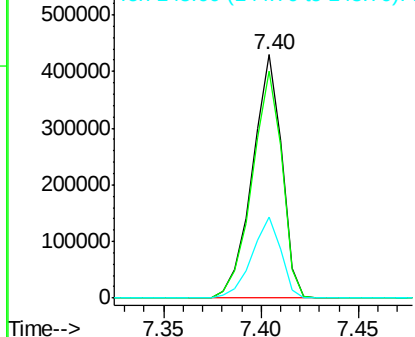


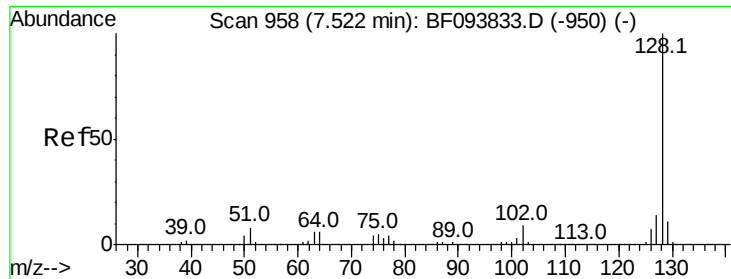
#30
 1,2,4-Trichlorobenzene
 Concen: 39.90 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:180 Resp: 447456
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.8 113.6
 145 33.1 25.3 37.9



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

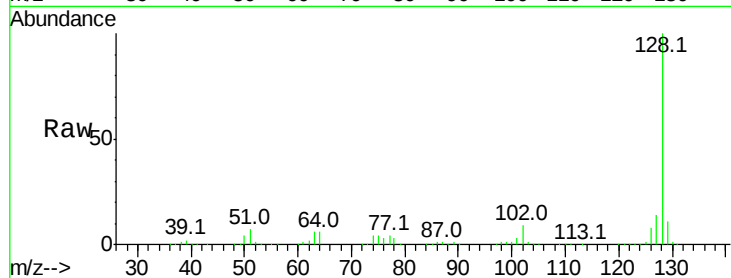




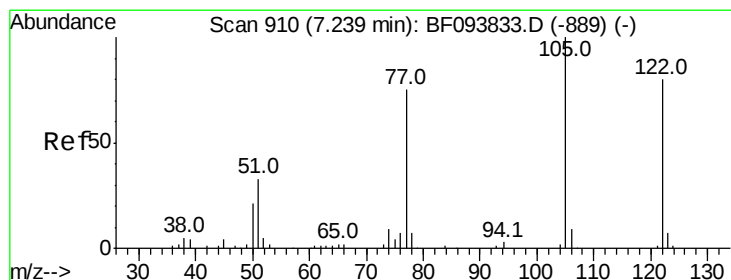
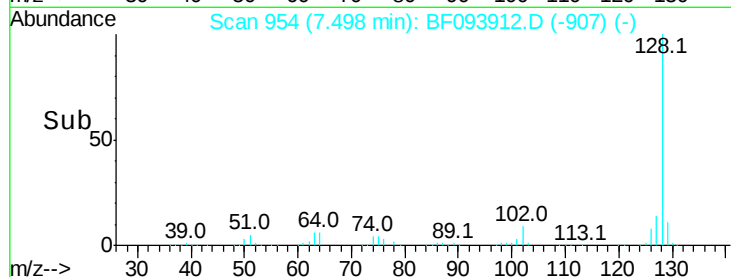
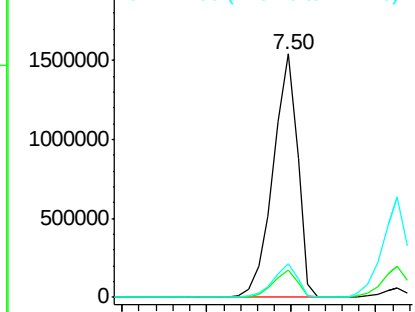
#31
Naphthalene
Concen: 39.35 ng
RT: 7.50 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1551847
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.8 10.8 16.2

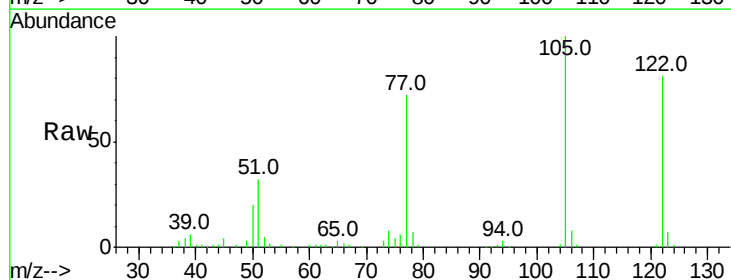


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

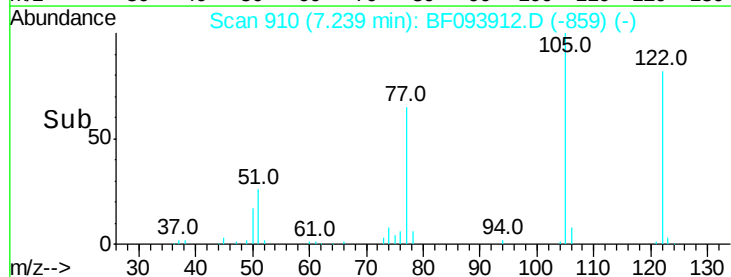
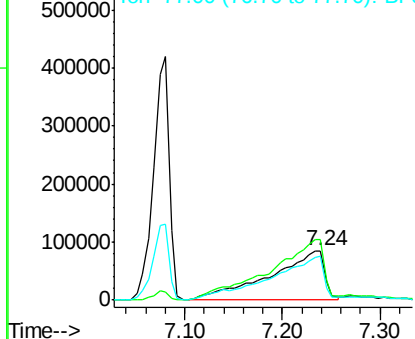


#32
Benzoic acid
Concen: 40.81 ng
RT: 7.24 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Tgt Ion:122 Resp: 316399
Ion Ratio Lower Upper
122 100
105 123.0 103.3 143.3
77 88.8 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: 40.20 ng

RT: 7.56 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 642469

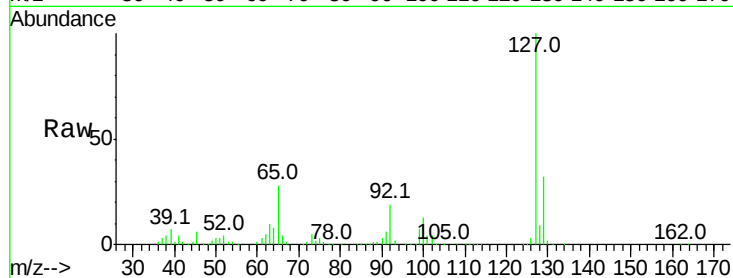
Ion Ratio Lower Upper

127 100

129 31.8 26.2 39.2

65 28.3 27.8 41.8

92 18.8 16.8 25.2

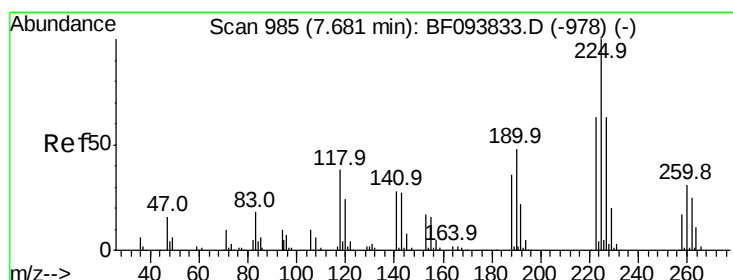
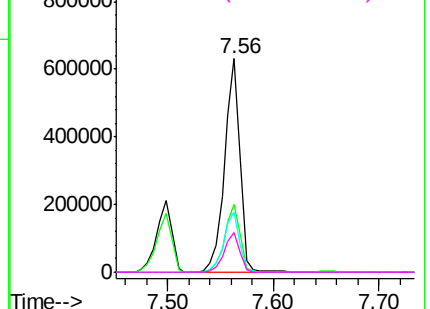
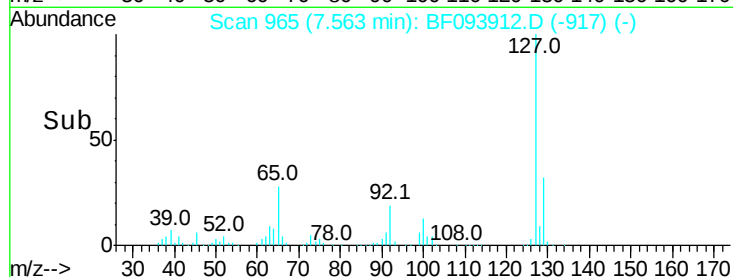


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.14 ng

RT: 7.65 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

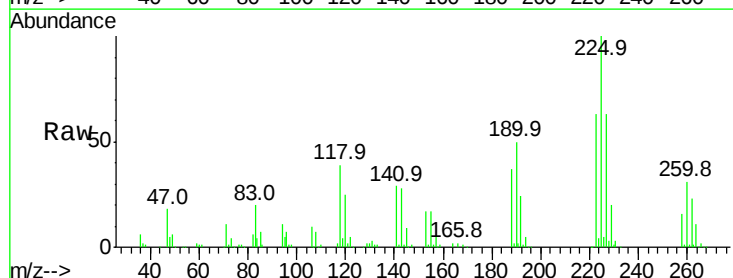
Tgt Ion:225 Resp: 225095

Ion Ratio Lower Upper

225 100

223 63.3 48.8 73.2

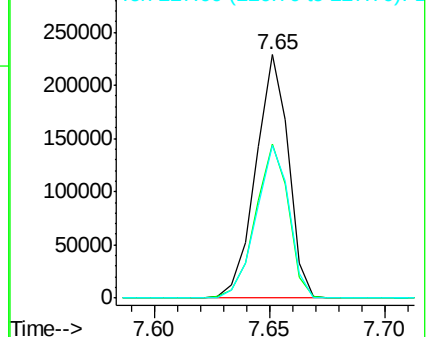
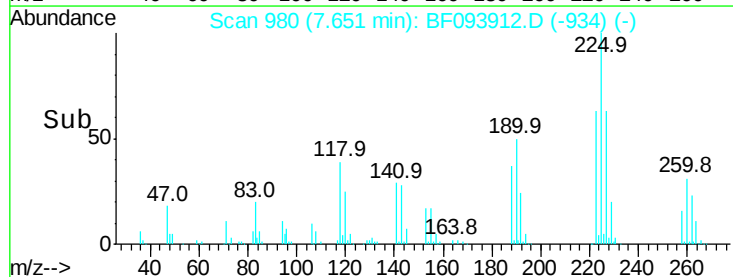
227 62.8 51.1 76.7

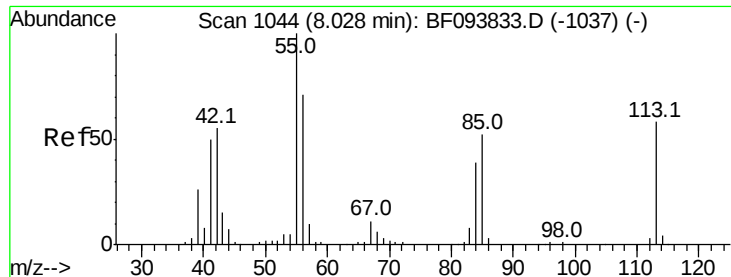


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.11 ng

RT: 8.02 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

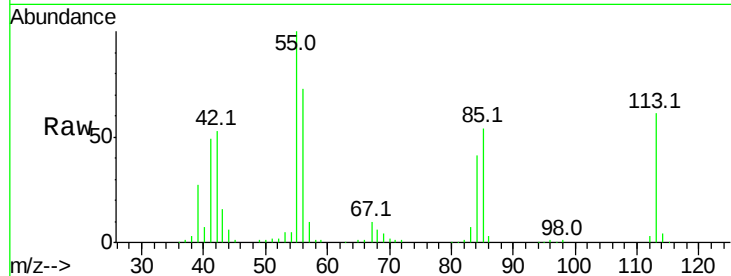
Tot Ion:113 Resp: 146241

Ion Ratio Lower Upper

113 100

55 164.4 150.2 190.2

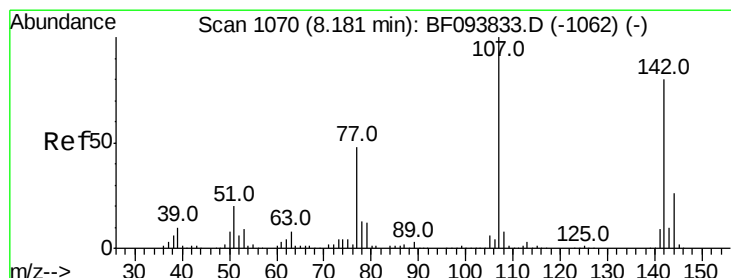
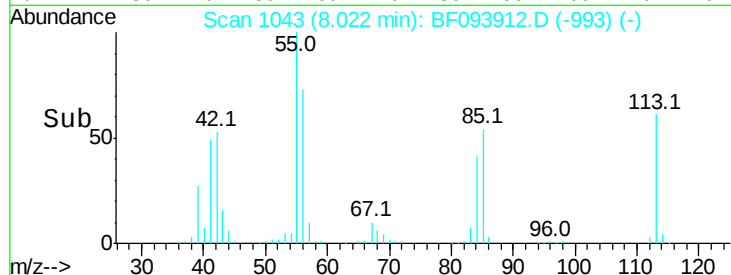
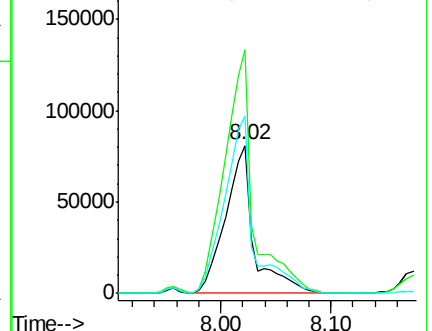
56 119.2 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.67 ng

RT: 8.17 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

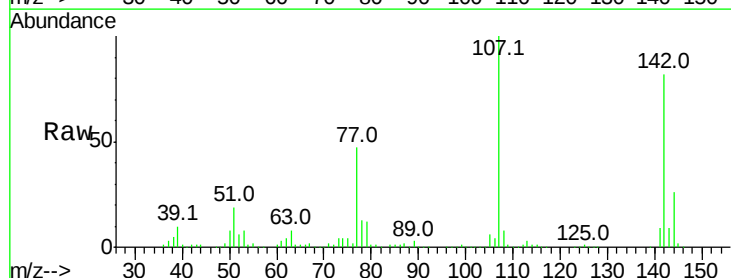
Tgt Ion:107 Resp: 462729

Ion Ratio Lower Upper

107 100

144 26.5 24.2 36.4

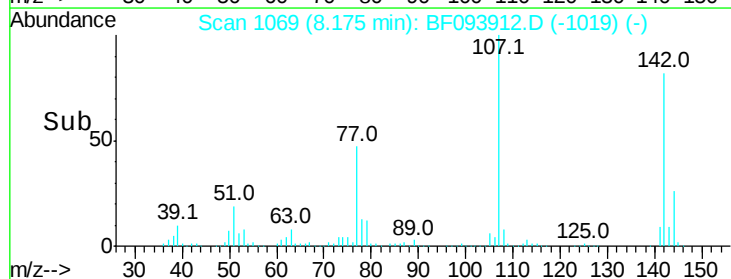
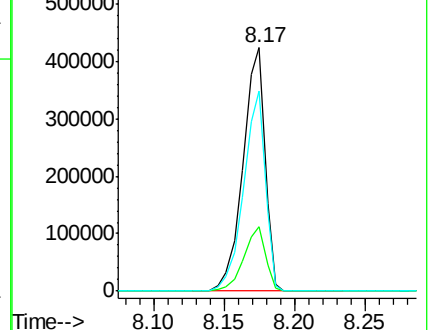
142 82.4 73.4 110.0

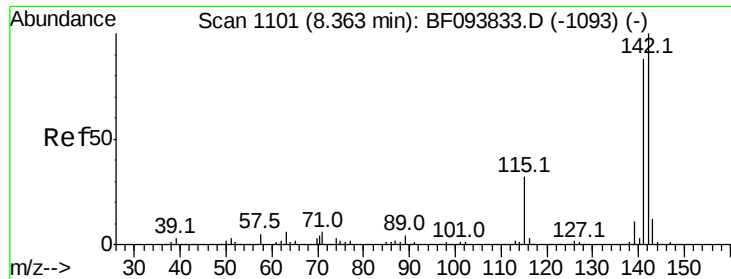


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

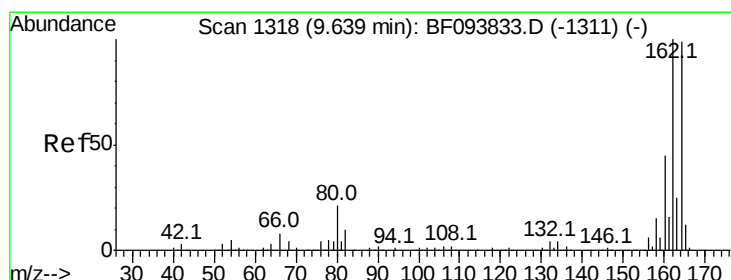
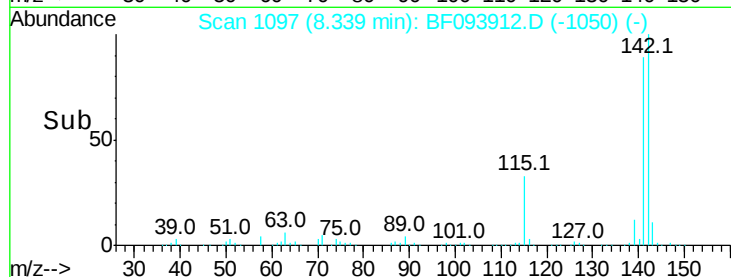
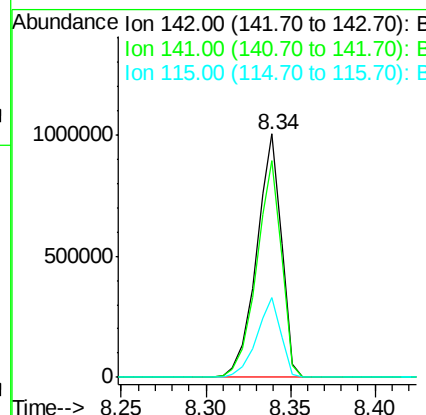
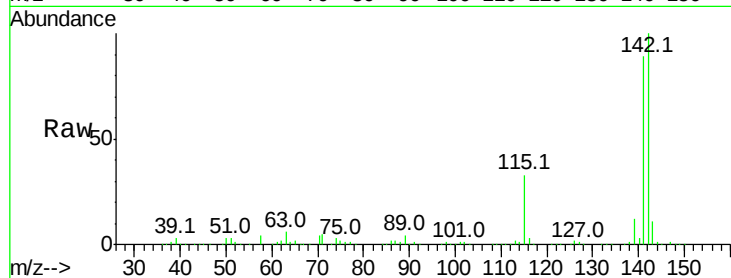




#37
2-Methylnaphthalene
Concen: 39.13 ng
RT: 8.34 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

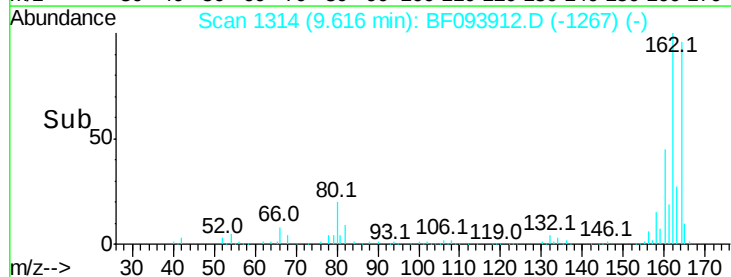
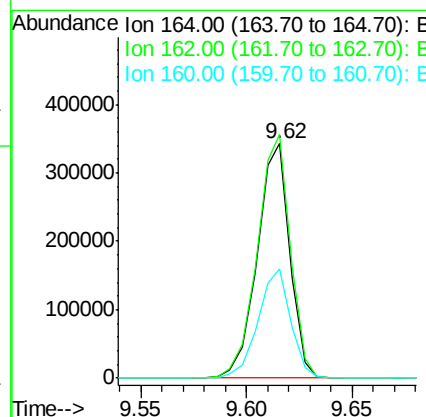
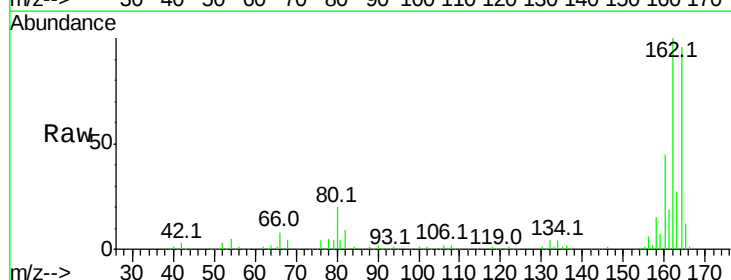
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1028534
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 32.6 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Tgt Ion:164 Resp: 366386
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 46.6 36.2 54.2

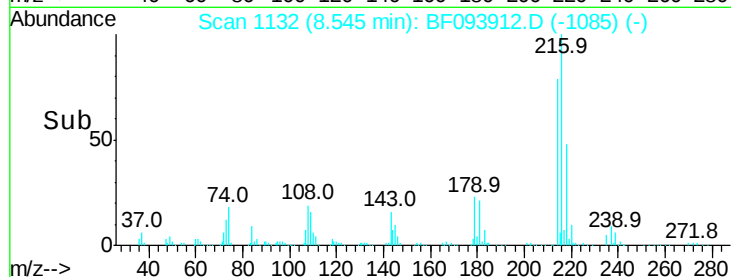
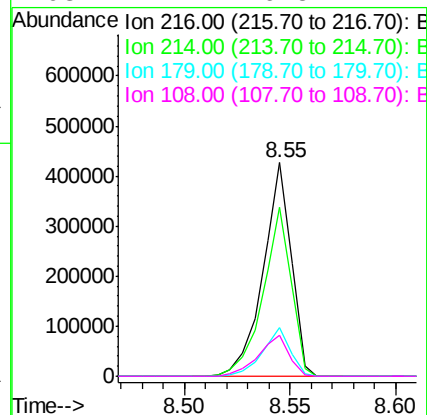
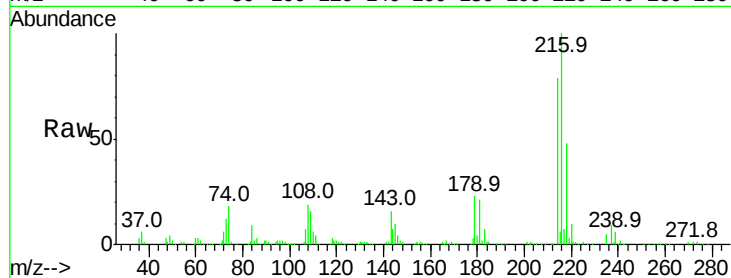




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.55 ng
 RT: 8.55 min Scan# 1132
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

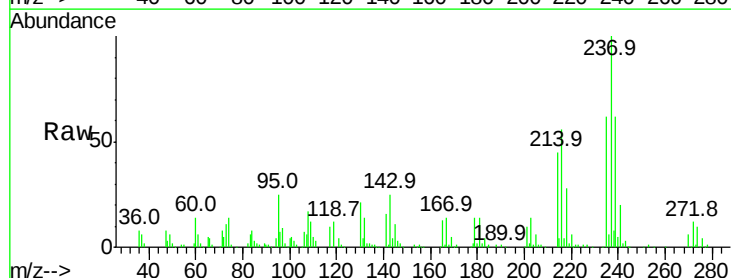
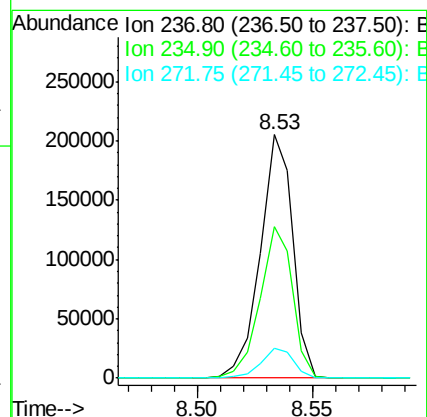
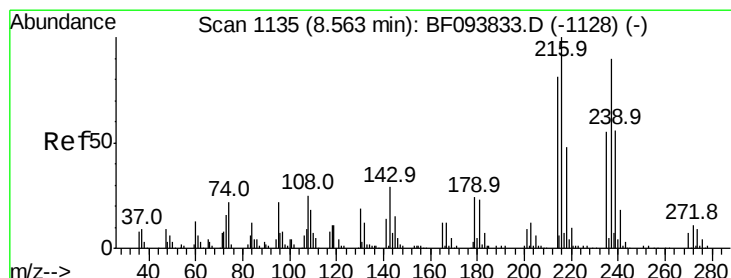
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

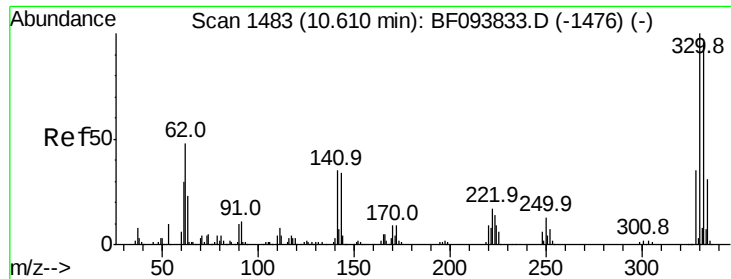
Tot Ion:	216	Resp:	396446
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.5	17.9	26.9
108	21.1	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 42.94 ng
 RT: 8.53 min Scan# 1130
 Delta R.T. -0.03 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:	237	Resp:	201410
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.6	82.6
272	12.1	0.0	31.9

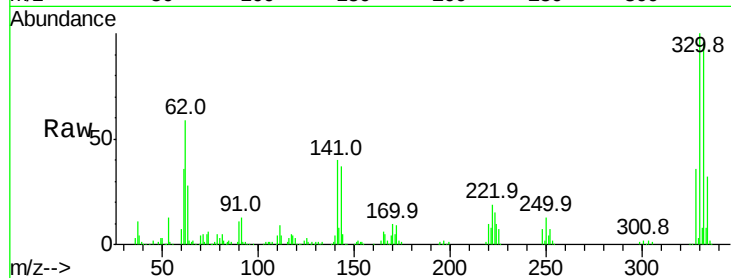




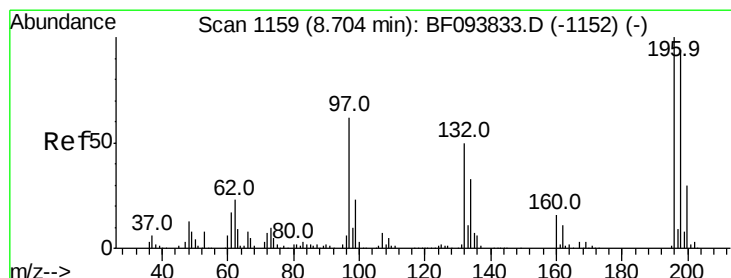
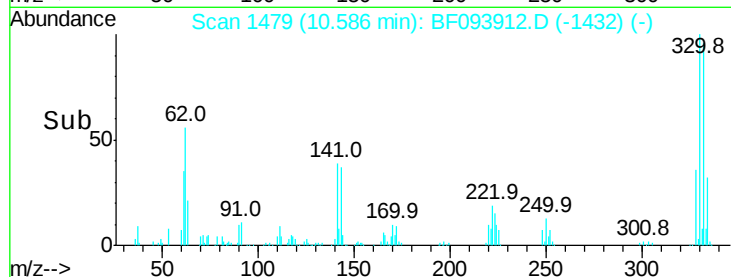
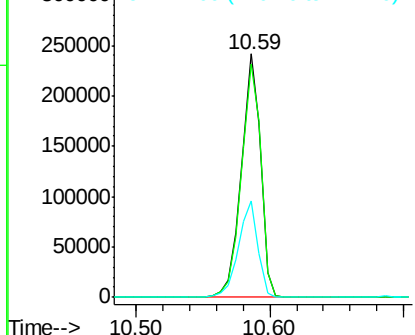
#41
 2,4,6-Tribromophenol
 Concen: 83.40 ng
 RT: 10.59 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 241456
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 40.2 31.4 47.2

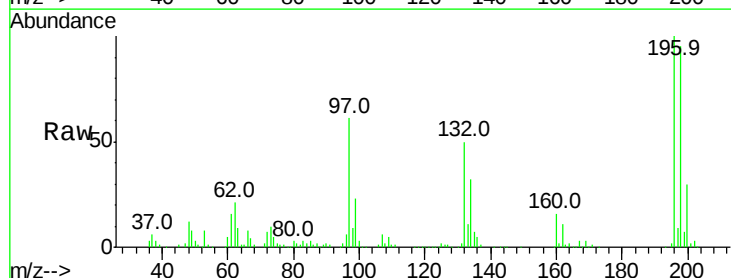


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

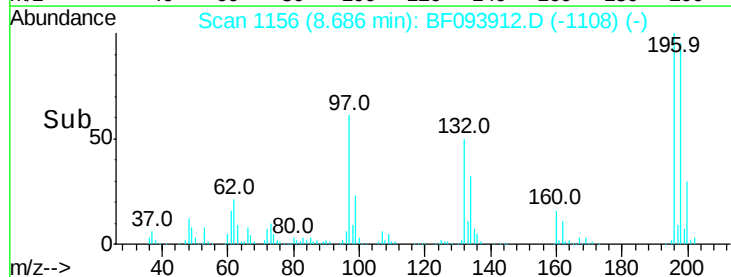
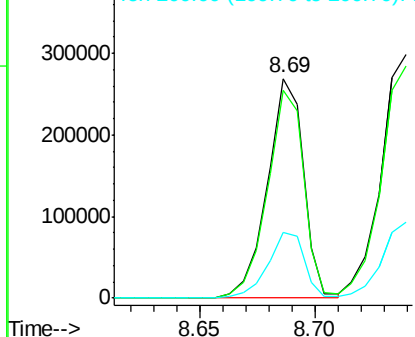


#42
 2,4,6-Trichlorophenol
 Concen: 41.32 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:196 Resp: 293041
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.2 111.4
 200 29.8 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

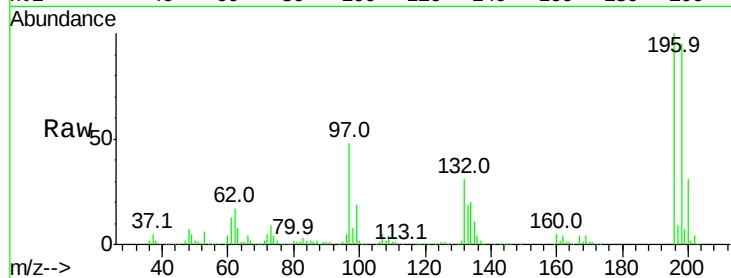




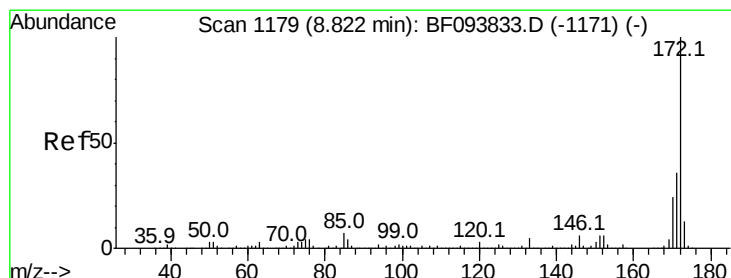
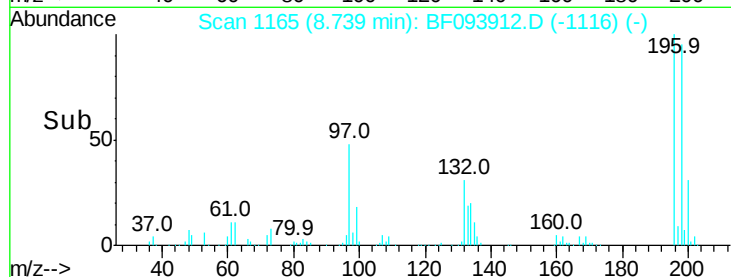
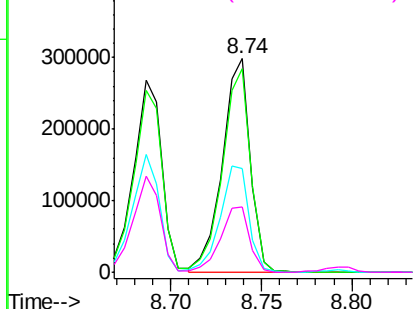
#43
 2,4,5-Trichlorophenol
 Concen: 41.58 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 319058
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 97 48.3 47.7 71.5
 132 30.5 28.0 42.0

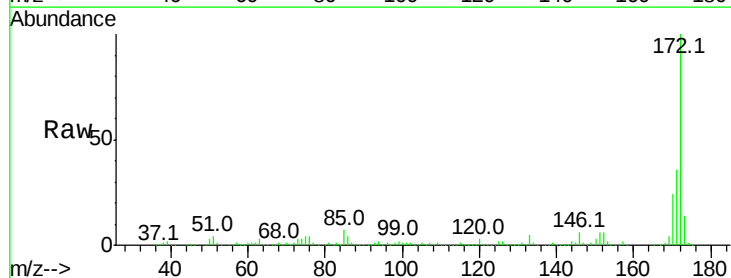


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

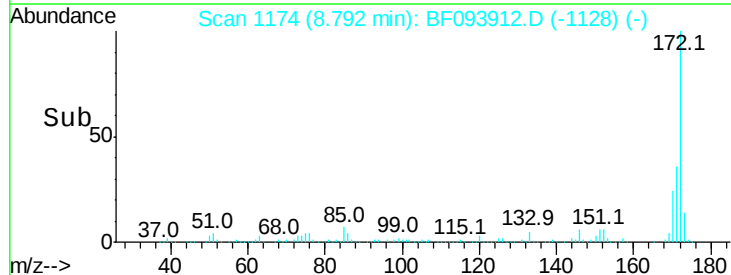
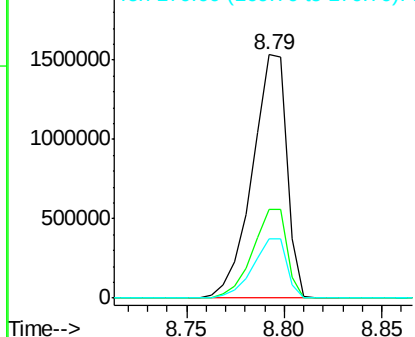


#44
 2-Fluorobiphenyl
 Concen: 78.62 ng
 RT: 8.79 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:172 Resp: 1888565
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.1 19.8 29.8



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

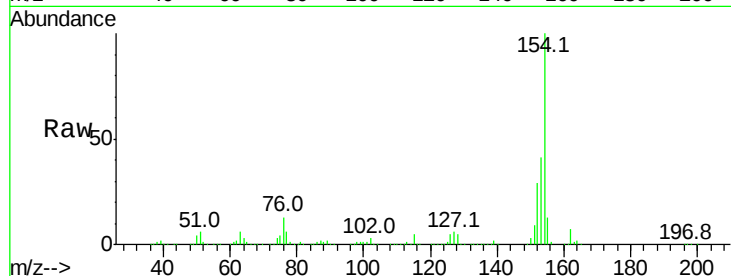




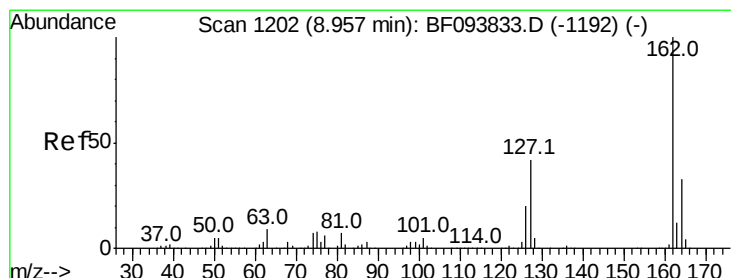
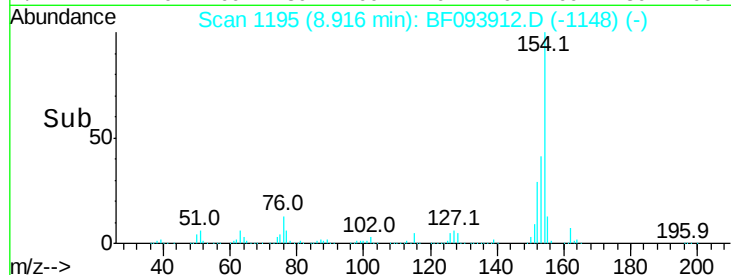
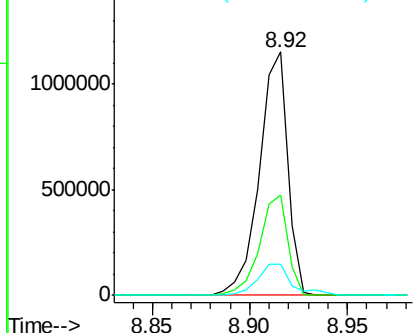
#45
 1,1'-Biphenyl
 Concen: 39.23 ng
 RT: 8.92 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1159442
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.2 61.2
 76 12.7 0.0 29.9

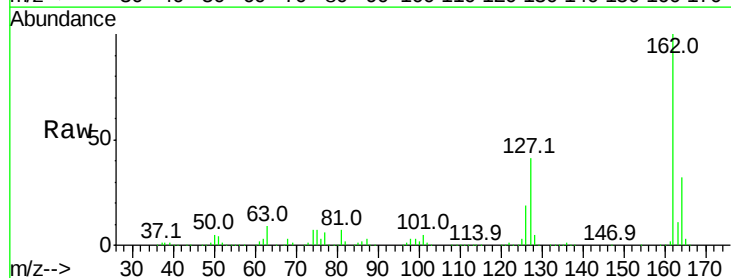


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

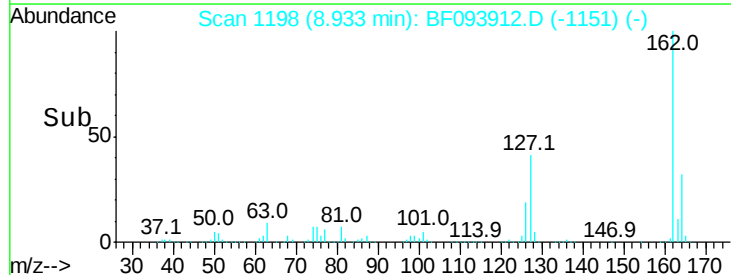
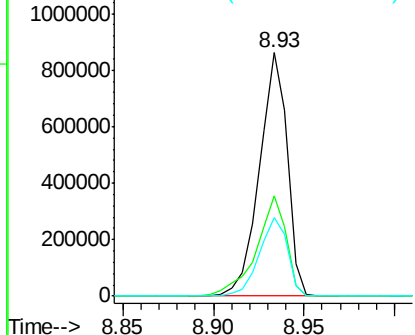


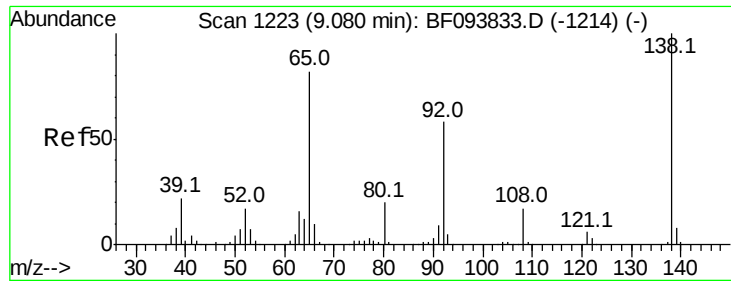
#46
 2-Chloronaphthalene
 Concen: 39.69 ng
 RT: 8.93 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:162 Resp: 918138
 Ion Ratio Lower Upper
 162 100
 127 41.3 28.3 42.5
 164 32.3 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

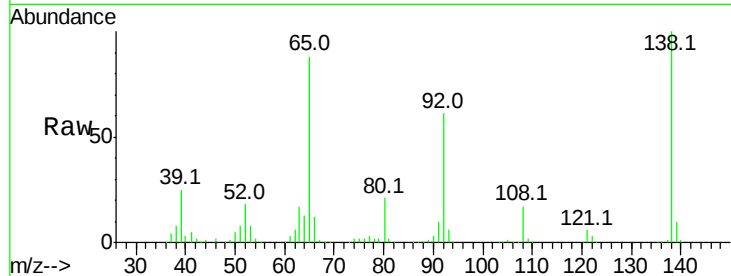




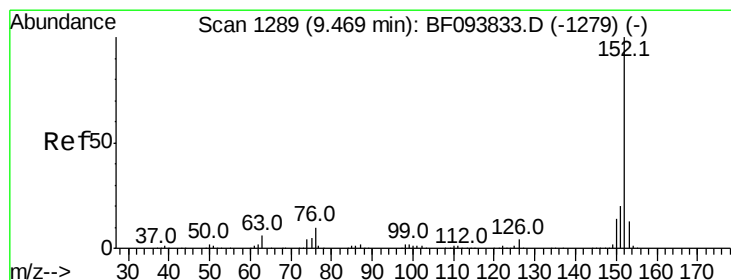
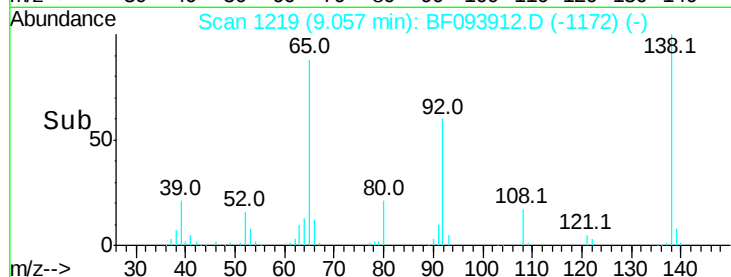
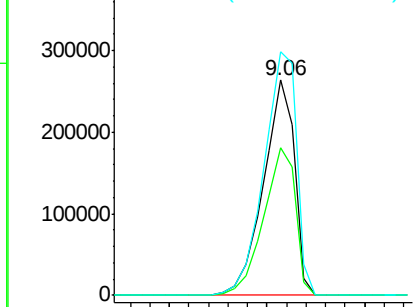
#47
 2-Nitroaniline
 Concen: 42.35 ng
 RT: 9.06 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 65 Resp: 290627
 Ion Ratio Lower Upper
 65 100
 92 68.6 53.9 80.9
 138 113.1 78.8 118.2

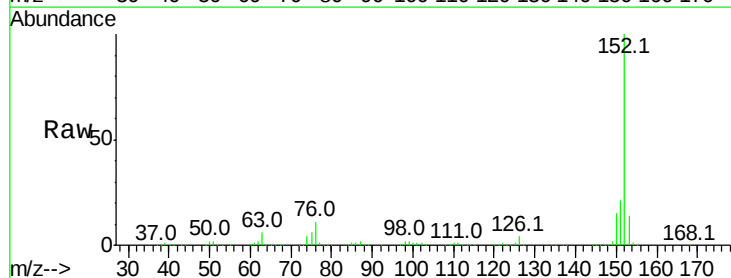


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

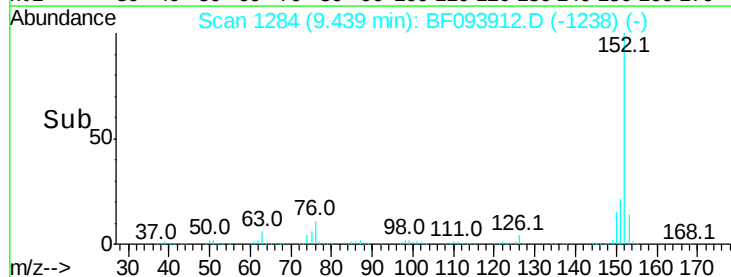
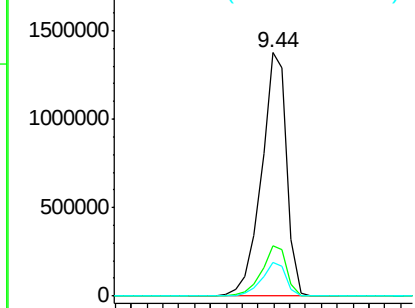


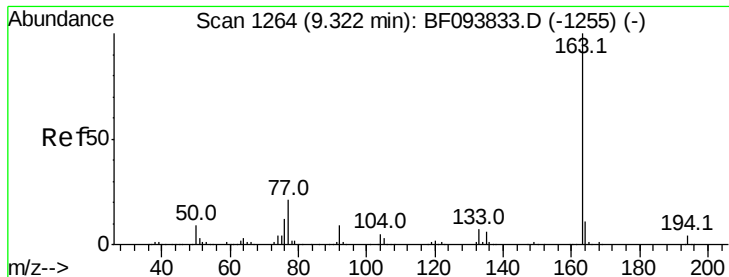
#48
 Acenaphthylene
 Concen: 39.53 ng
 RT: 9.44 min Scan# 1284
 Delta R.T. -0.03 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:152 Resp: 1519645
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.7 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

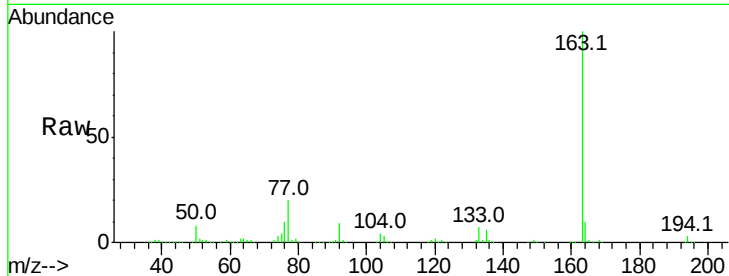




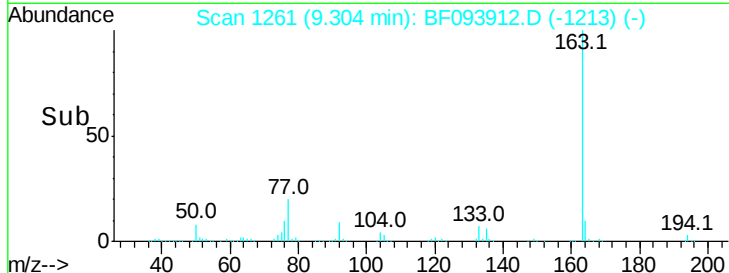
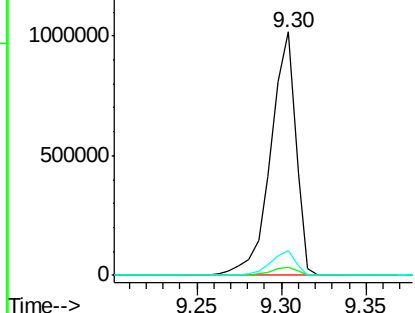
#49
Dimethylphthalate
Concen: 40.22 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1047459
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6

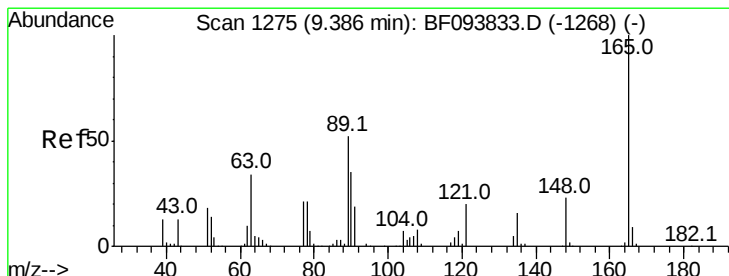


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

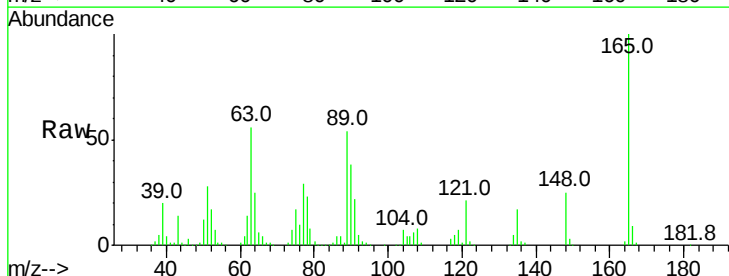
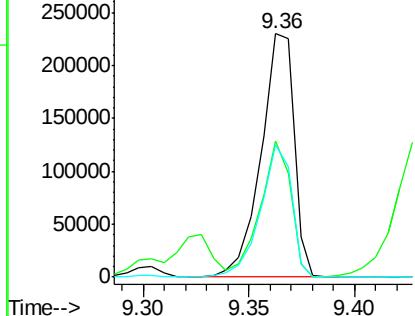


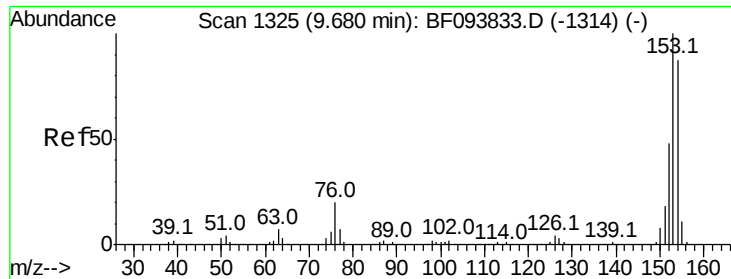
#50
2,6-Dinitrotoluene
Concen: 42.12 ng
RT: 9.36 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Tgt Ion:165 Resp: 251483
Ion Ratio Lower Upper
165 100
63 56.1 34.3 51.5#
89 54.4 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: 38.85 ng

RT: 9.66 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

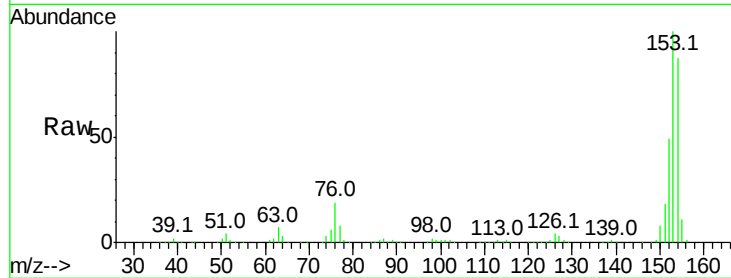
Tot Ion:154 Resp: 871553

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

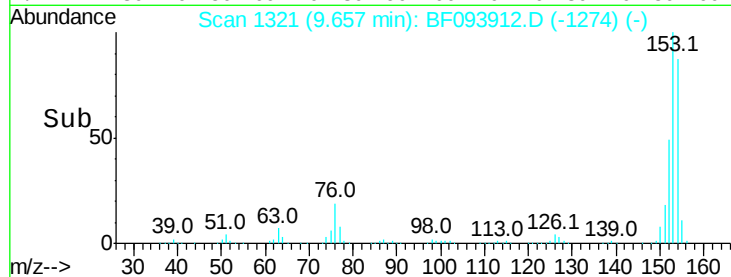
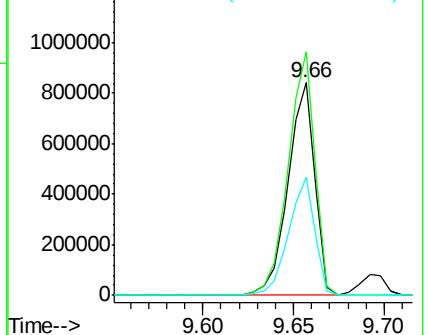
152 55.7 43.6 65.4



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: 42.89 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

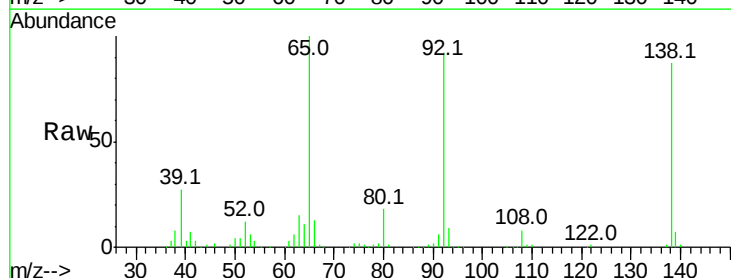
Tgt Ion:138 Resp: 300660

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

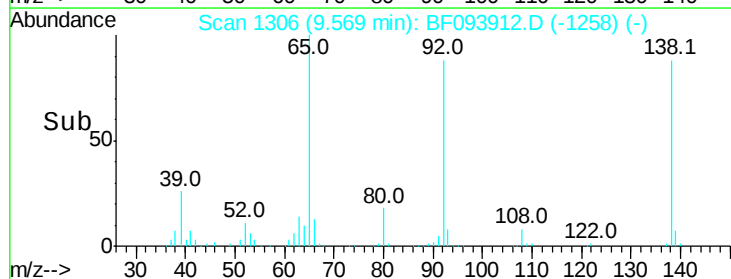
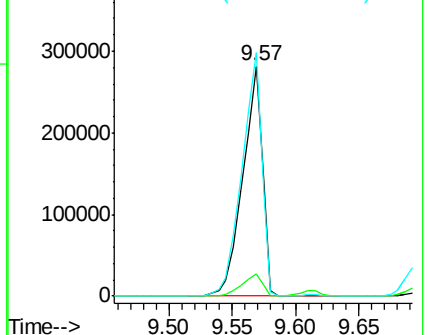
92 105.9 93.8 140.6



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

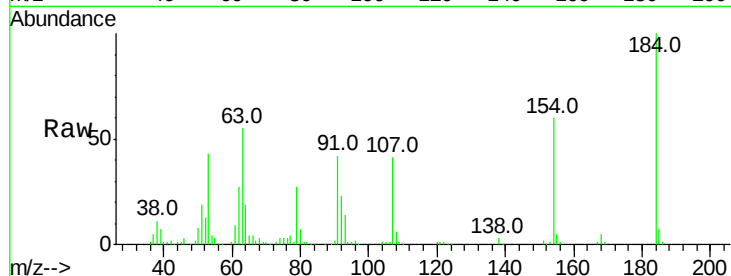




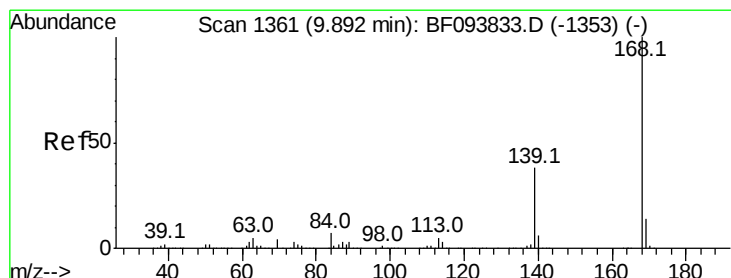
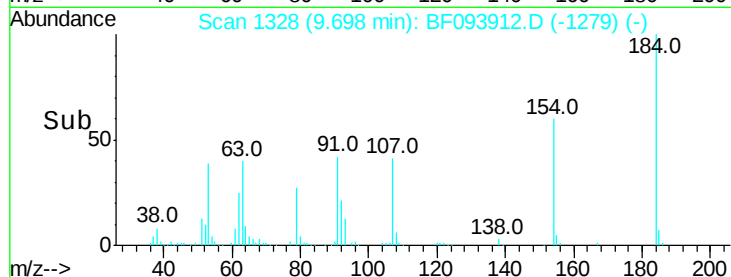
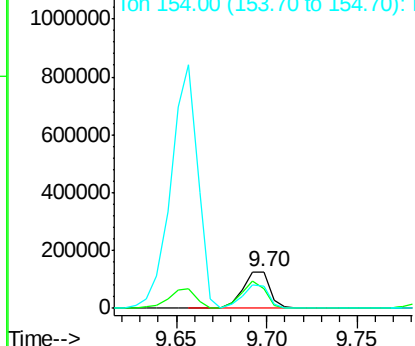
#53
2,4-Dinitrophenol
Concen: 43.73 ng
RT: 9.70 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 132544
Ion Ratio Lower Upper
184 100
63 54.8 62.7 94.1#
154 60.0 81.1 121.7#

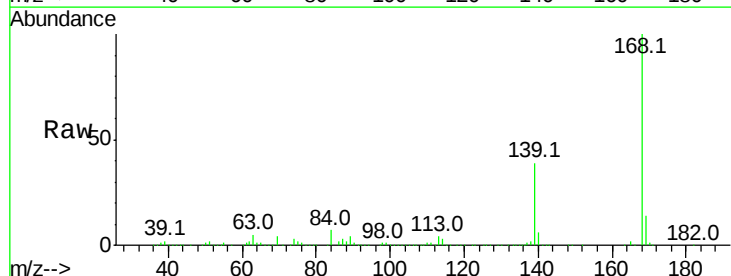


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

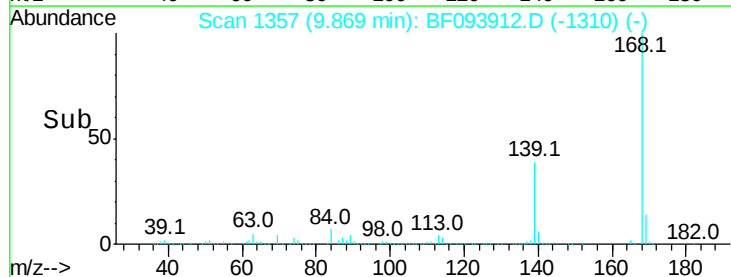
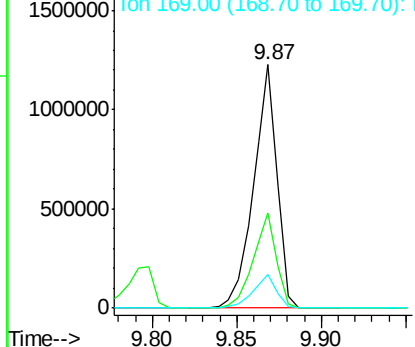


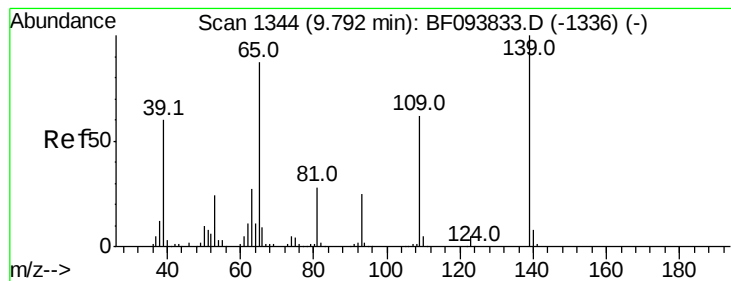
#54
Dibenzofuran
Concen: 38.85 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Tgt Ion:168 Resp: 1186526
Ion Ratio Lower Upper
168 100
139 39.2 30.6 45.8
169 13.8 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 42.76 ng

RT: 9.80 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

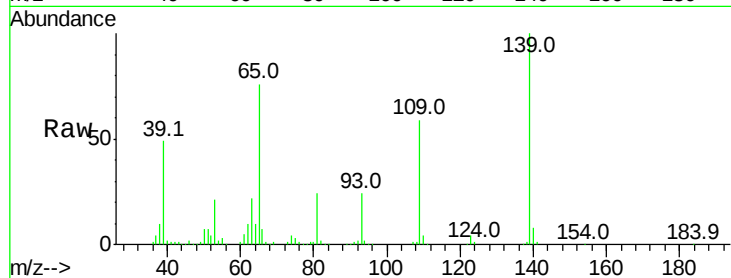
Tot Ion:139 Resp: 234752

Ion Ratio Lower Upper

139 100

109 59.3 34.1 74.1

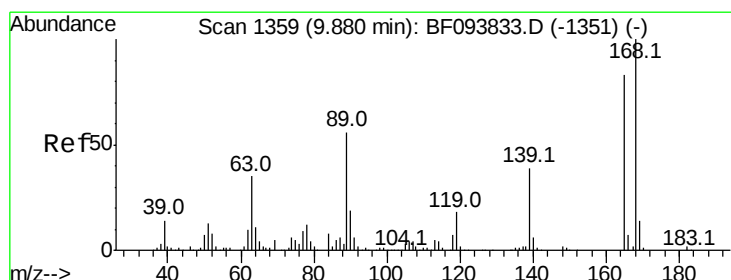
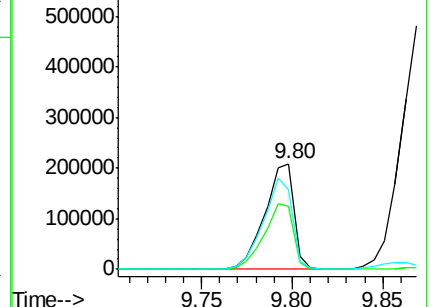
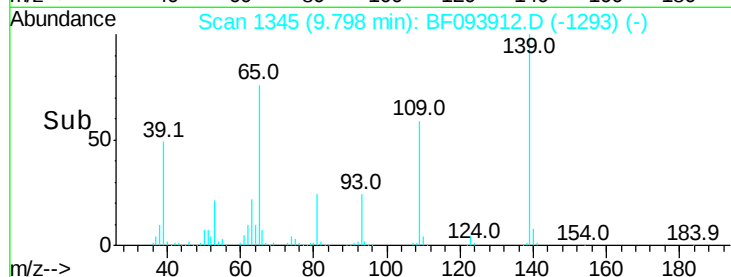
65 75.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.49 ng

RT: 9.86 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Tgt Ion:165 Resp: 311169

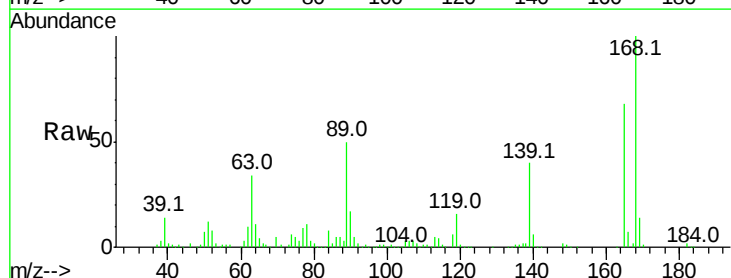
Ion Ratio Lower Upper

165 100

63 50.7 25.4 38.0#

89 73.5 46.4 69.6#

182 2.2 1.8 2.6

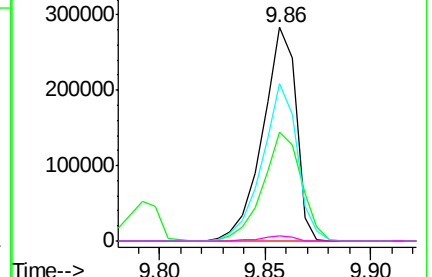
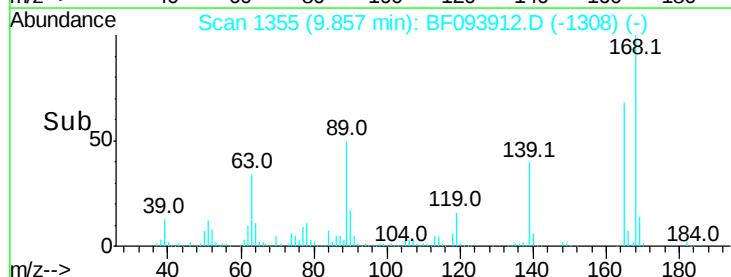


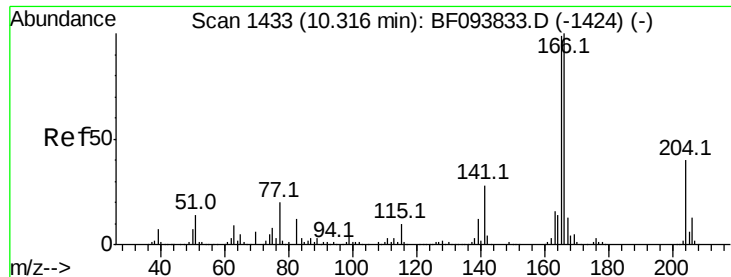
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

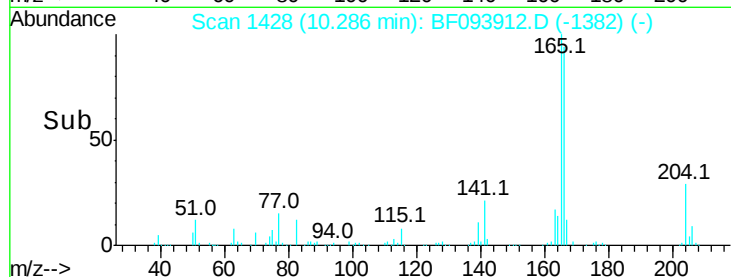
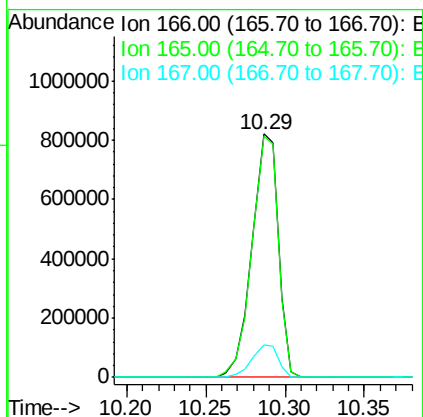
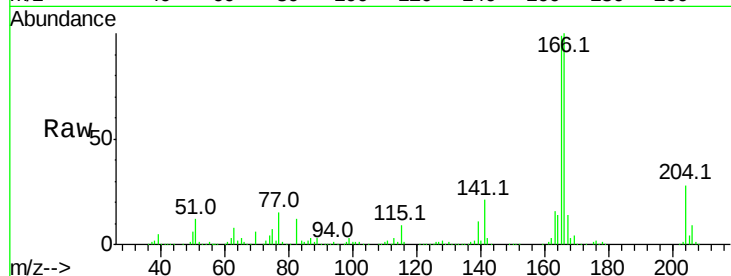




#57
 Fluorene
 Concen: 37.58 ng
 RT: 10.29 min Scan# 1428
 Delta R.T. -0.03 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

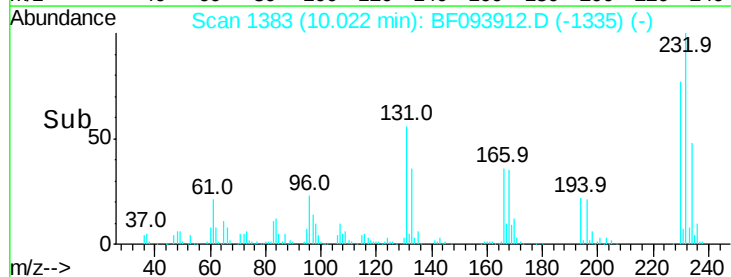
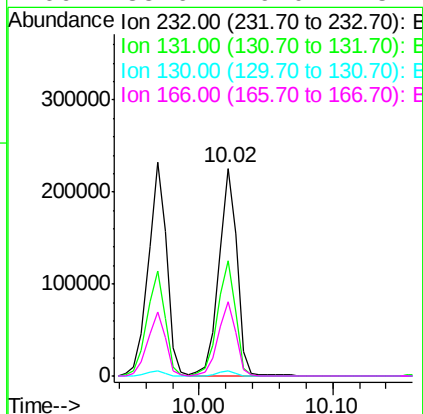
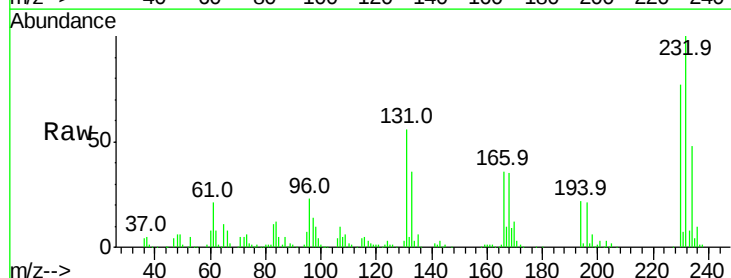
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:166 Resp: 951695
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.35 ng
 RT: 10.02 min Scan# 1383
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:232 Resp: 217713
 Ion Ratio Lower Upper
 232 100
 131 55.0 44.8 67.2
 130 2.5 2.3 3.5
 166 35.6 29.0 43.4

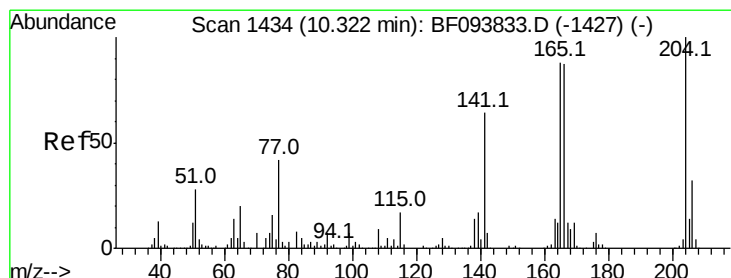
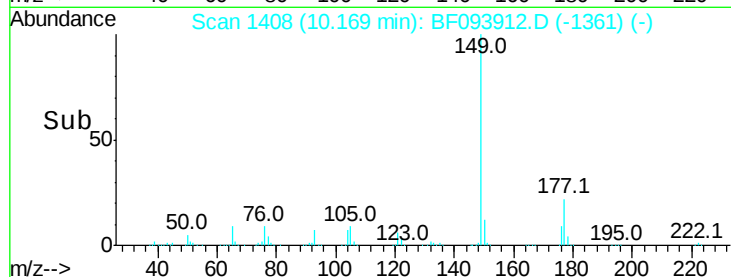
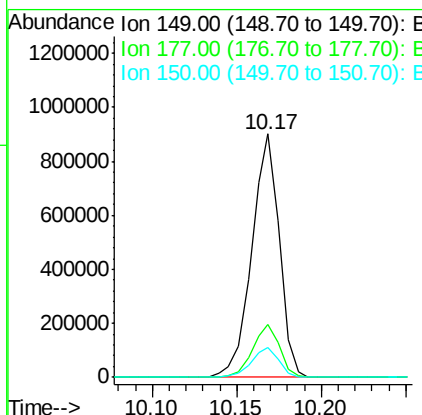
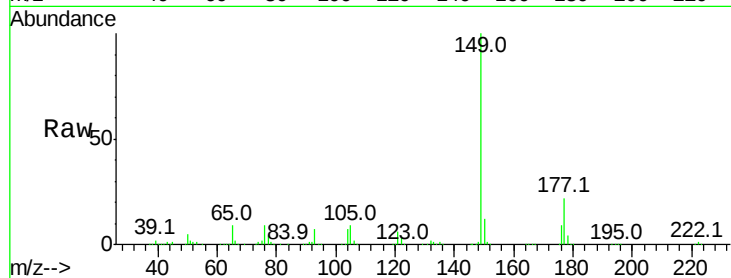




#59
 Diethylphthalate
 Concen: 39.75 ng
 RT: 10.17 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

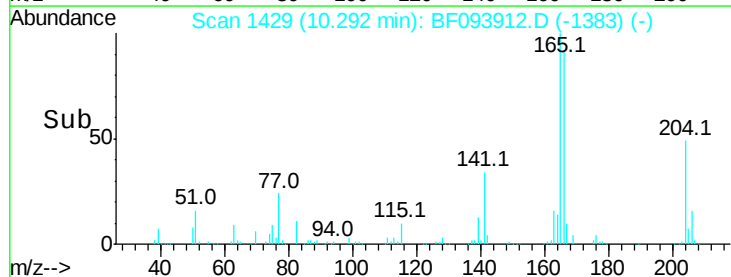
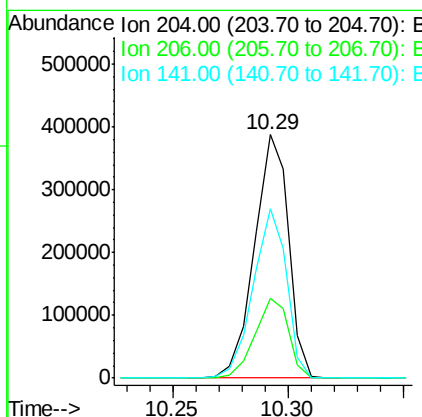
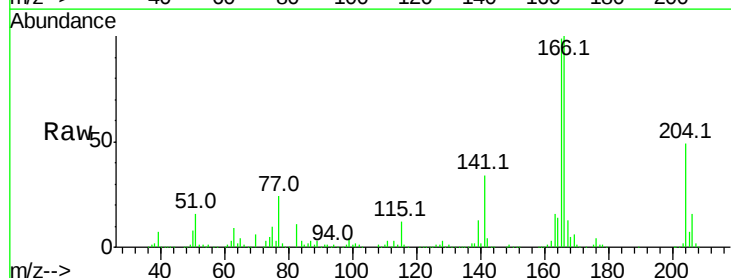
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:149	Resp: 1023335		
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.7	25.1
150	12.4	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 36.90 ng
 RT: 10.29 min Scan# 1429
 Delta R.T. -0.03 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion	204	Resp: Lower	398124 Upper
204	100		
206	32.5	26.2	39.2
141	69.6	60.8	91.2

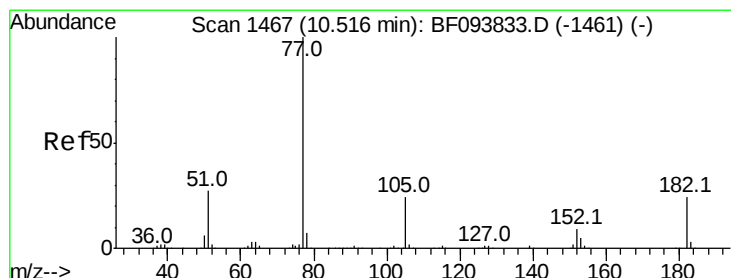
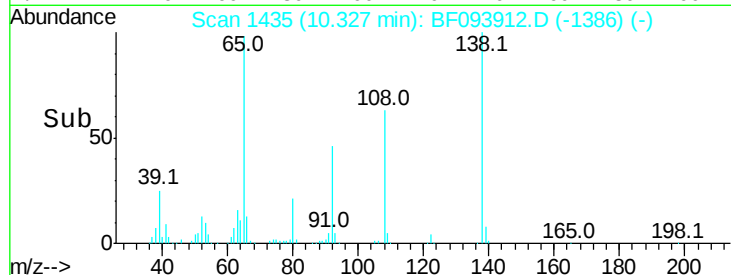
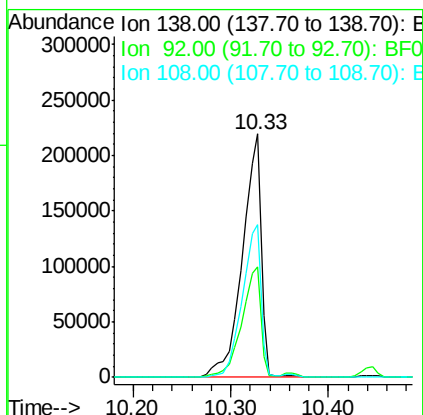
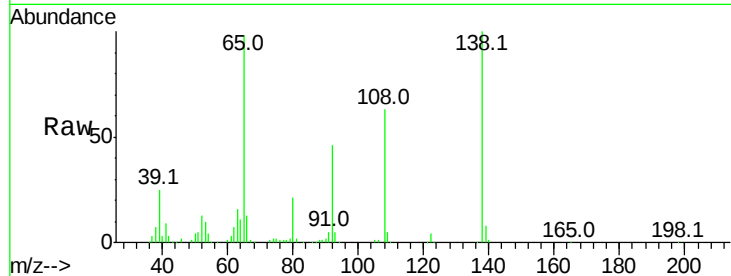




#61
4-Nitroaniline
Concen: 43.99 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

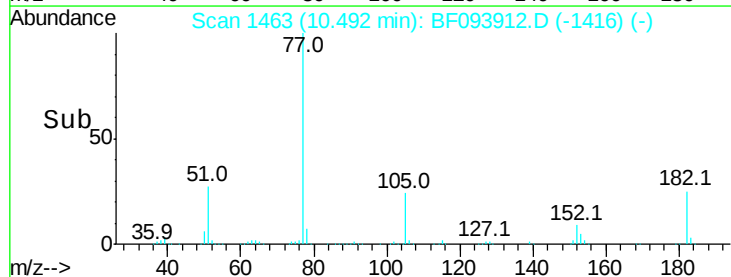
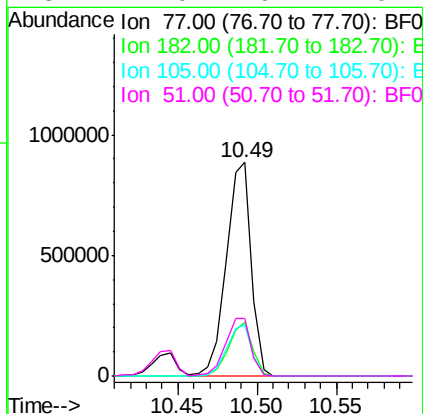
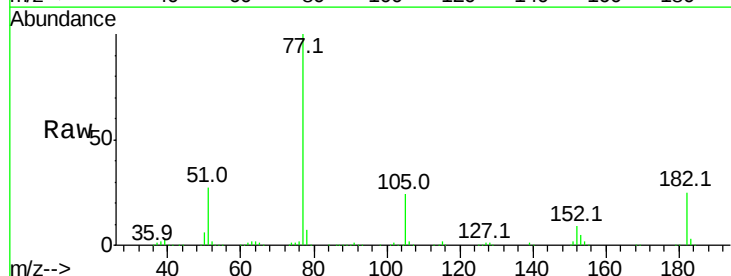
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 295939
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 62.7 42.3 82.3



#62
Azobenzene
Concen: 39.30 ng
RT: 10.49 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Tgt Ion: 77 Resp: 957043
Ion Ratio Lower Upper
77 100
182 25.3 0.1 40.1
105 24.2 3.6 43.6
51 27.0 9.4 49.4

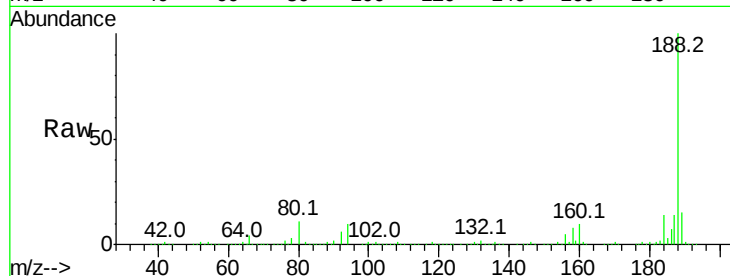




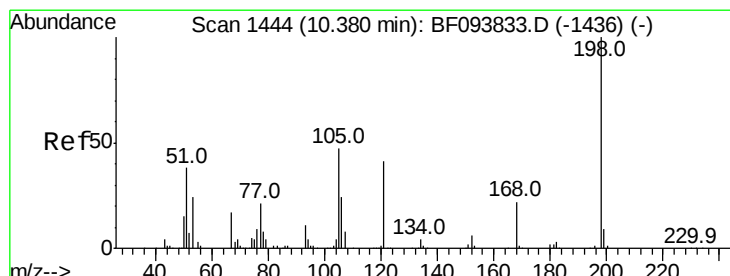
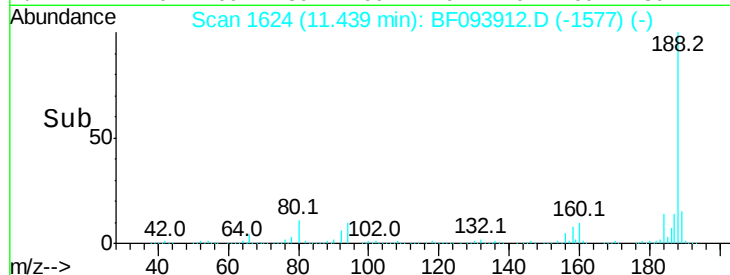
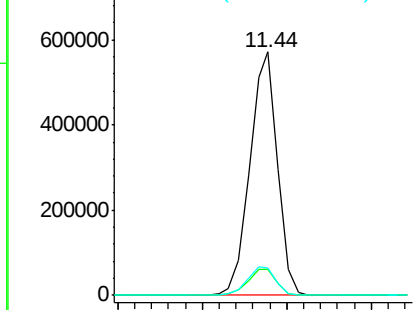
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 647406
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.2 10.2 15.2

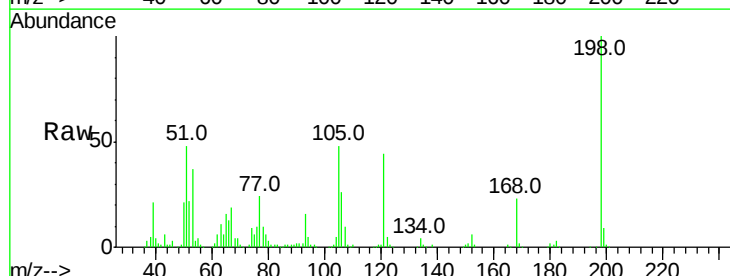


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

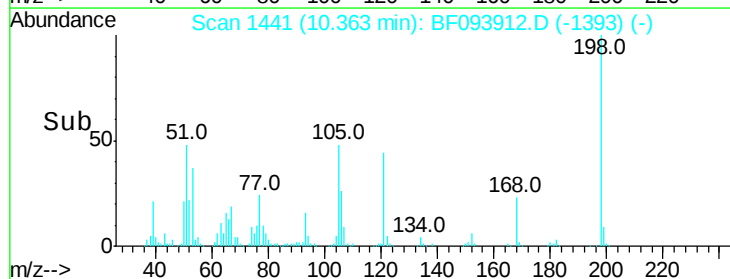
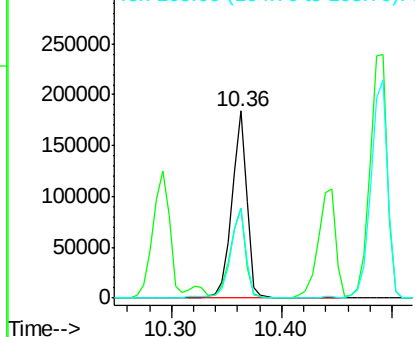


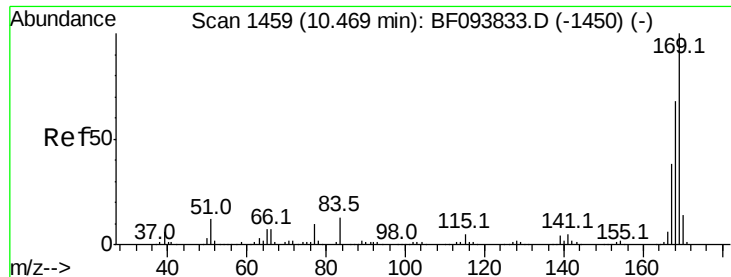
#64
4,6-Dinitro-2-methylphenol
Concen: 44.45 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Tgt Ion:198 Resp: 176219
Ion Ratio Lower Upper
198 100
51 47.9 53.2 93.2#
105 48.1 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

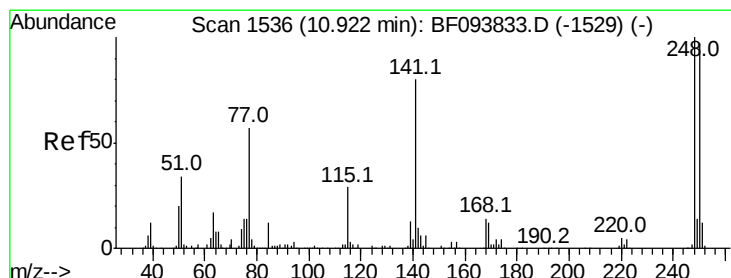
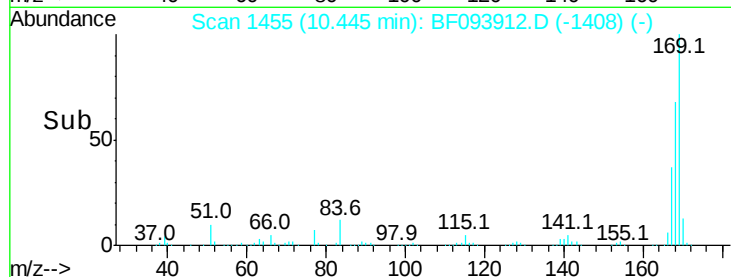
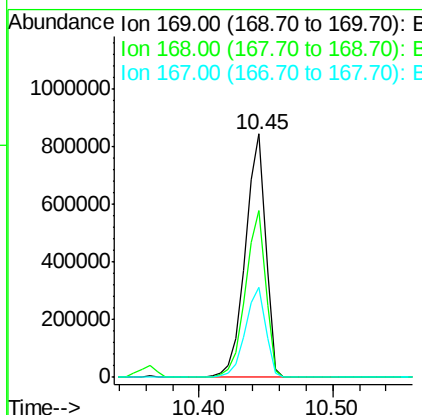
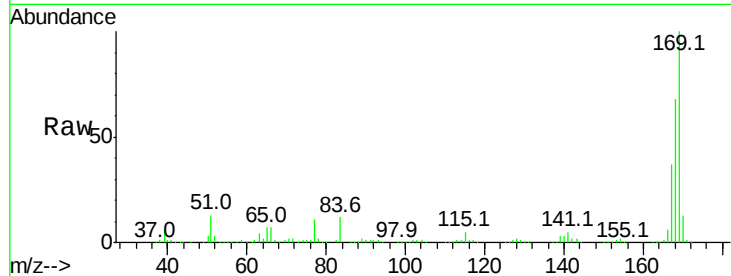




#65
n-Nitrosodiphenylamine
Concen: 39.28 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

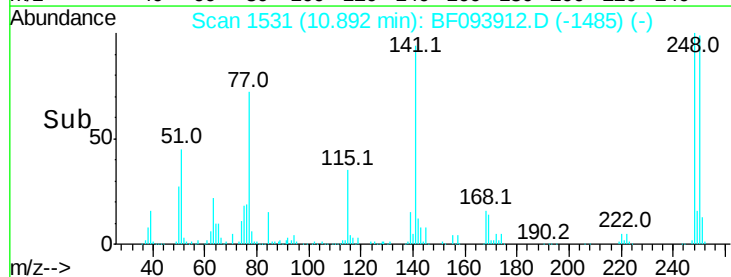
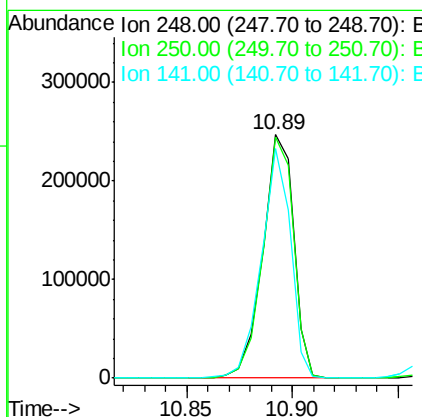
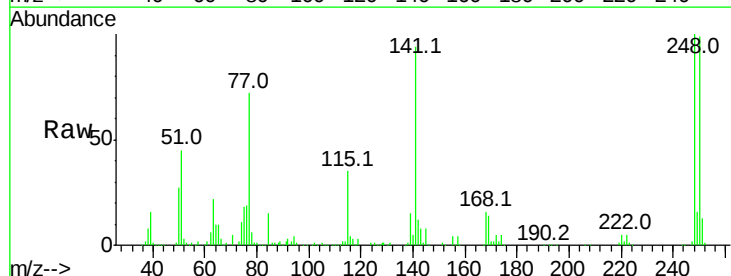
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 879342
Ion Ratio Lower Upper
169 100
168 68.4 53.2 79.8
167 37.1 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 39.62 ng
RT: 10.89 min Scan# 1531
Delta R.T. -0.03 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Tgt Ion:248 Resp: 252287
Ion Ratio Lower Upper
248 100
250 99.0 76.8 115.2
141 94.5 68.6 103.0





#67

Hexachlorobenzene

Concen: 39.67 ng

RT: 10.97 min Scan# 1544

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

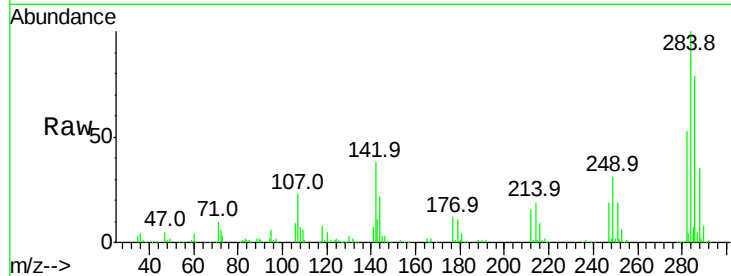
Tot Ion:284 Resp: 255714

Ion Ratio Lower Upper

284 100

142 38.3 22.8 34.2#

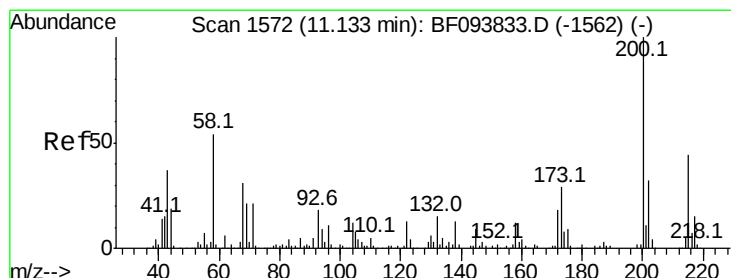
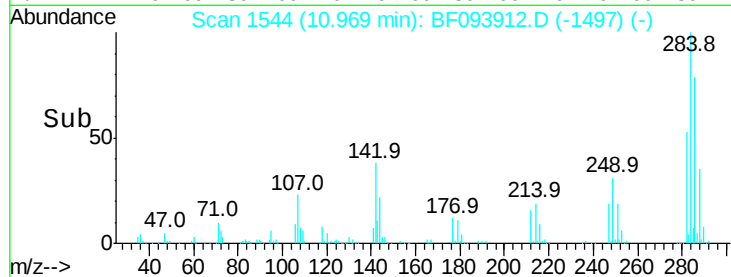
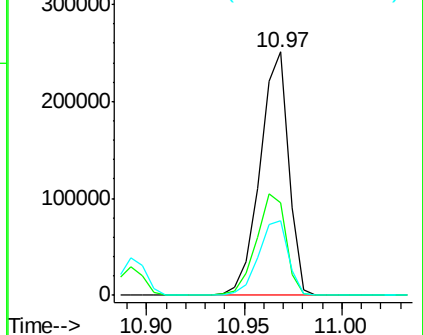
249 30.9 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.00 ng

RT: 11.12 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

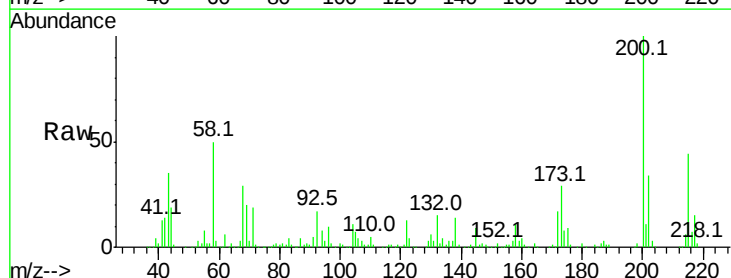
Tgt Ion:200 Resp: 274935

Ion Ratio Lower Upper

200 100

173 28.9 6.3 46.3

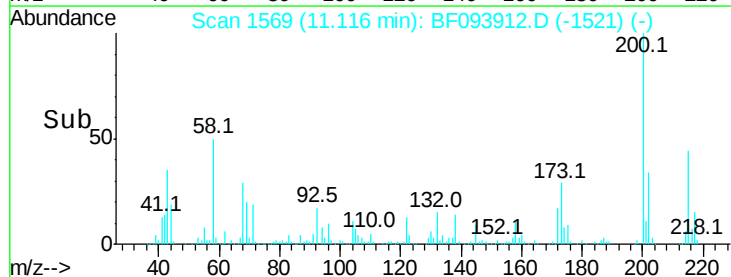
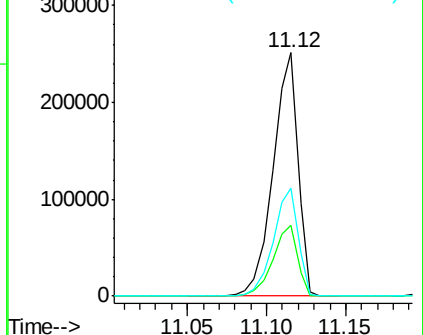
215 44.4 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 37.46 ng

RT: 11.21 min Scan# 1585

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

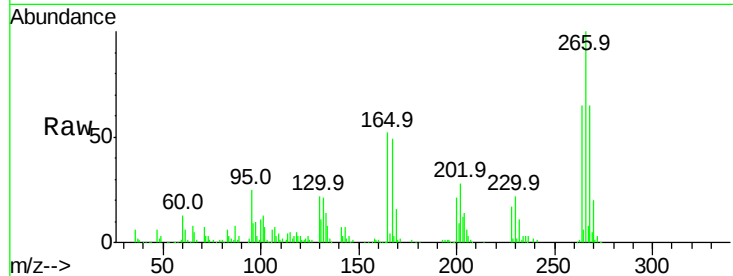
Tot Ion:266 Resp: 150300

Ion Ratio Lower Upper

266 100

268 65.1 51.1 76.7

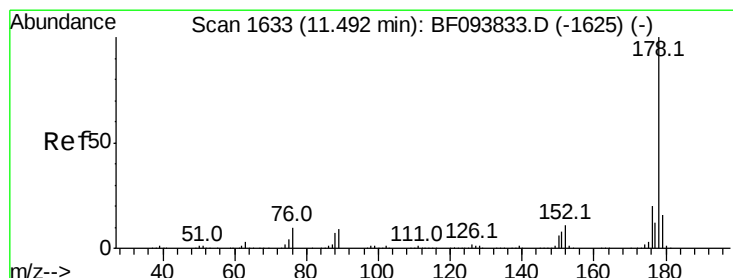
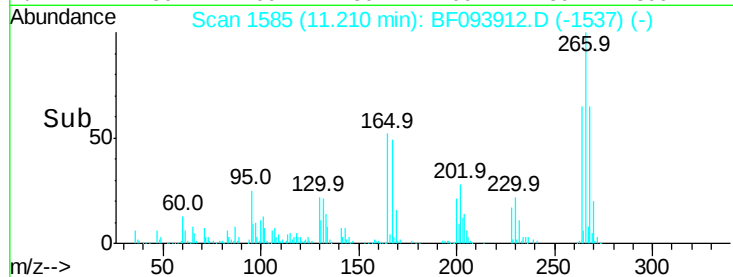
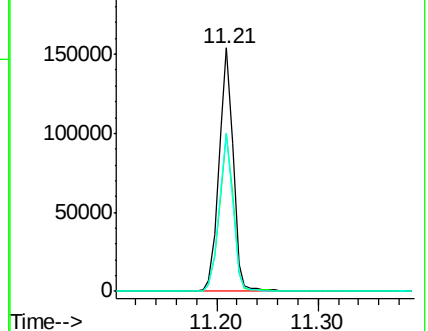
264 64.9 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.55 ng

RT: 11.47 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

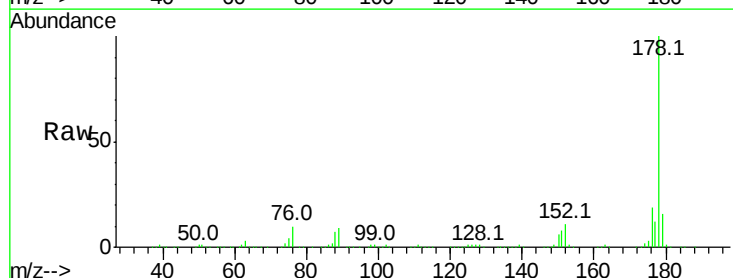
Tgt Ion:178 Resp: 1424285

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

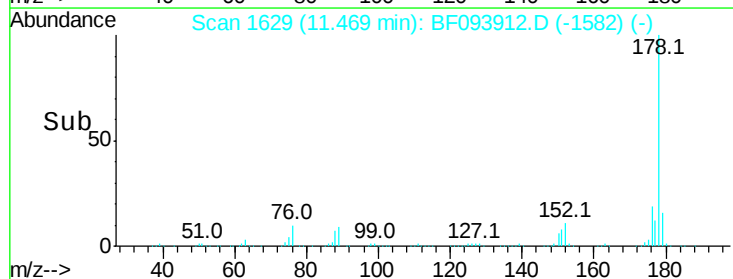
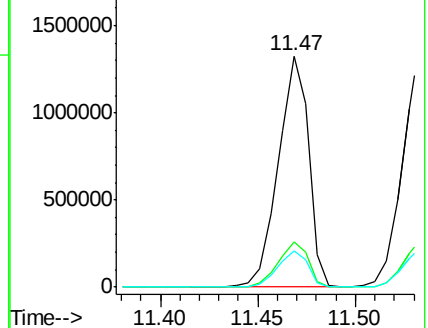
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

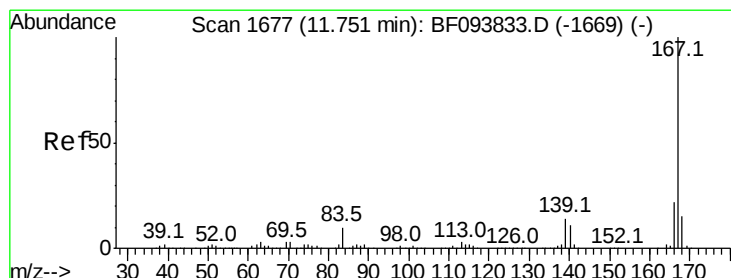
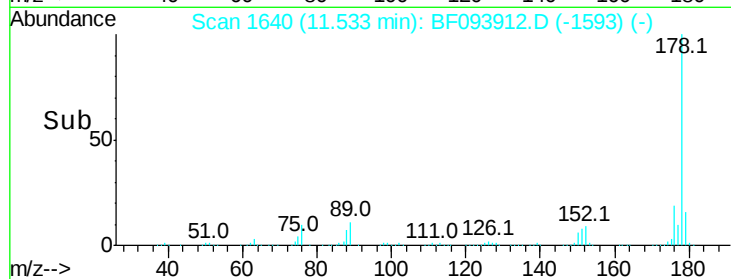
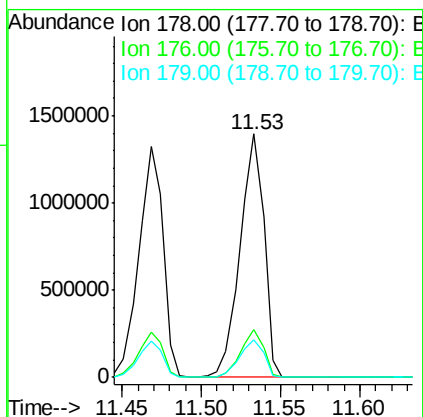
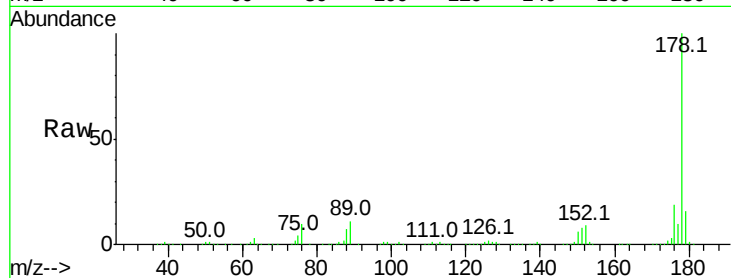




#71
 Anthracene
 Concen: 39.39 ng
 RT: 11.53 min Scan# 1640
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

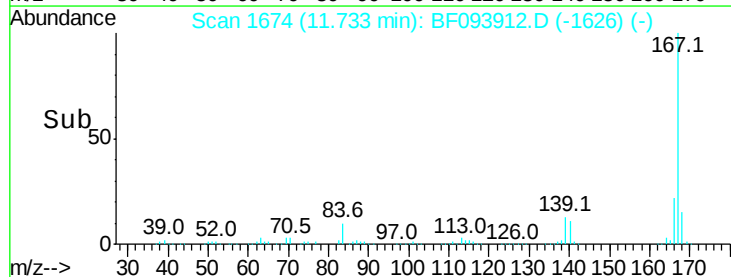
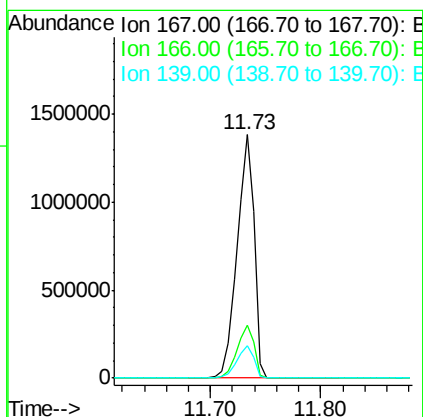
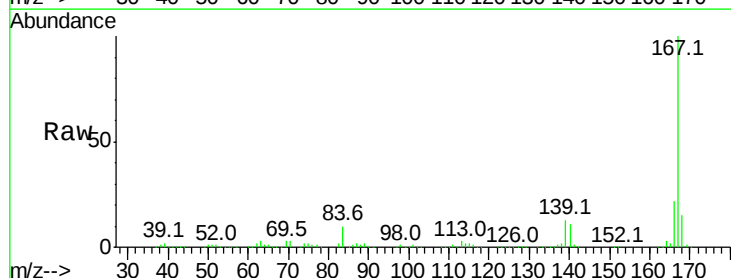
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

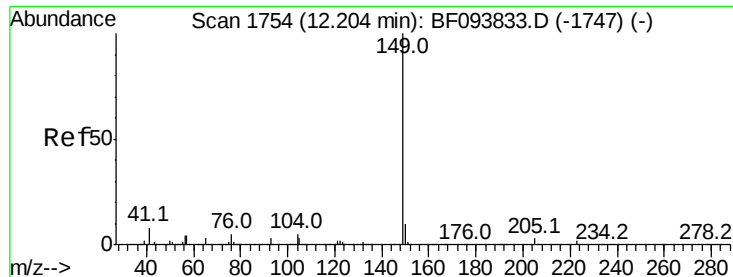
Tot Ion:178 Resp: 1460474
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 39.44 ng
 RT: 11.73 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:167 Resp: 1499810
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.4 11.7 17.5

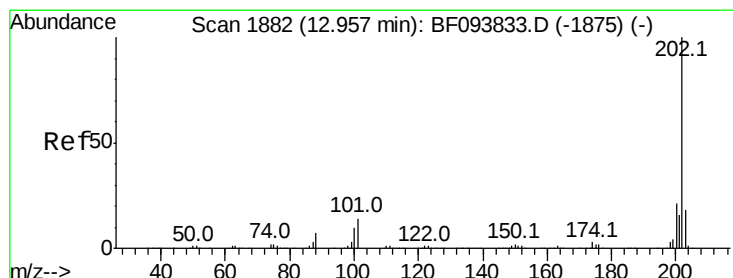
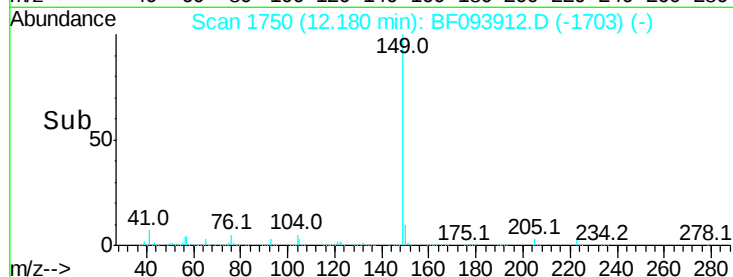
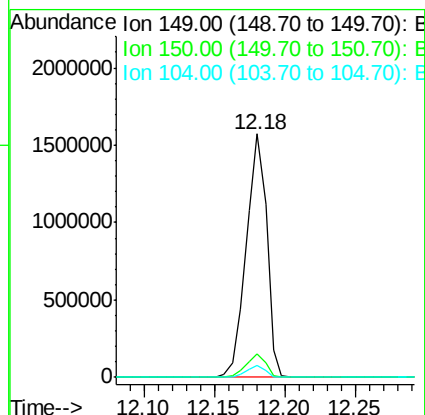
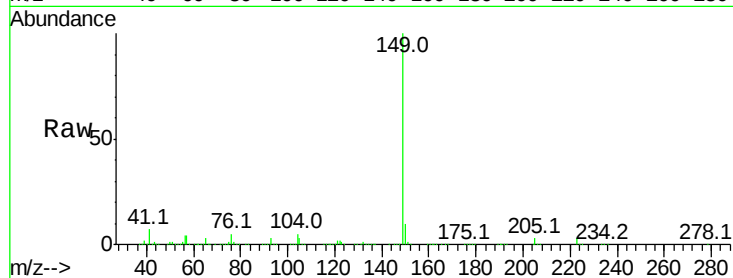




#73
Di-n-butylphthalate
Concen: 40.28 ng
RT: 12.18 min Scan# 1750
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

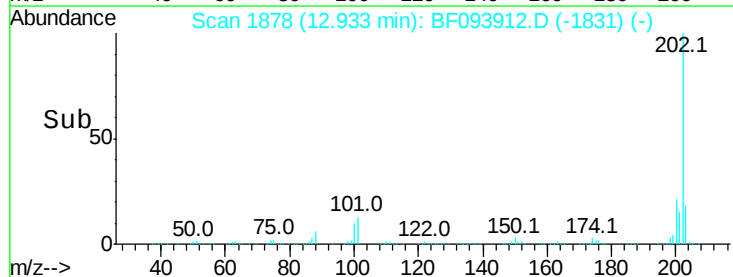
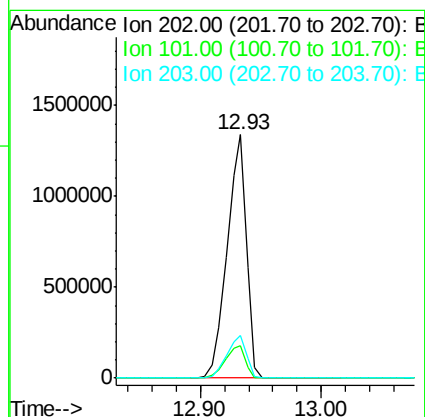
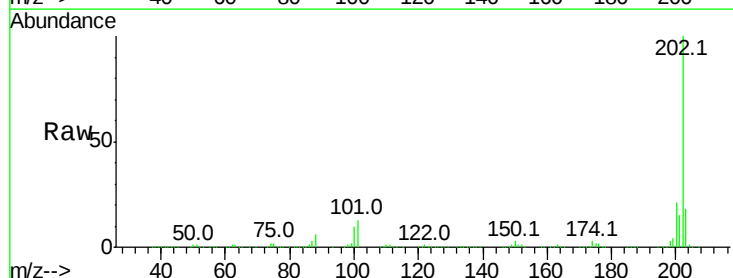
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

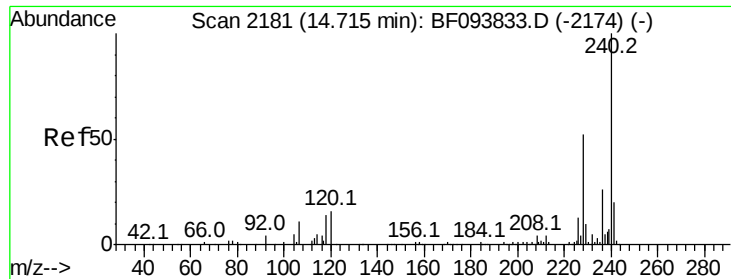
Tot Ion:149 Resp: 1592871
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 39.78 ng
RT: 12.93 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Tgt Ion:202 Resp: 1467092
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.69 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

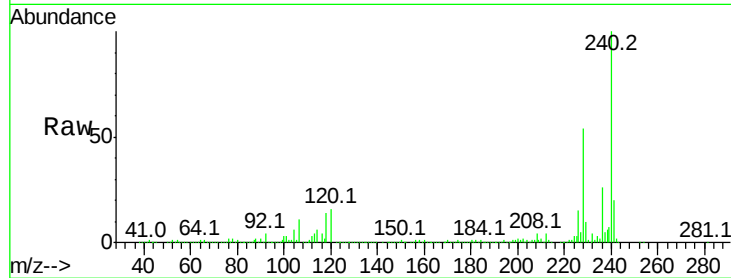
Tot Ion:240 Resp: 525029

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

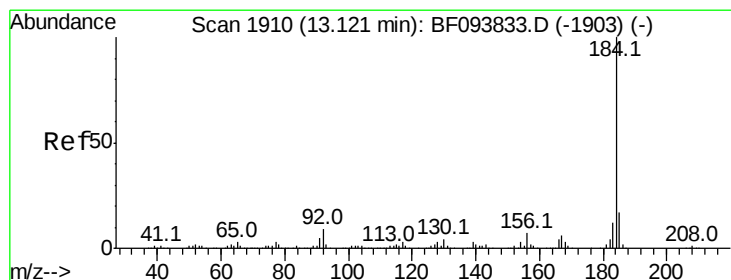
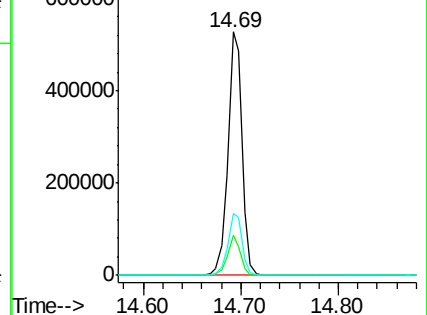
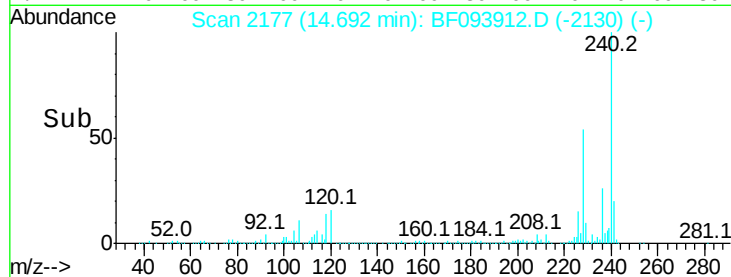
236 25.5 20.5 30.7



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: 40.84 ng

RT: 13.10 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

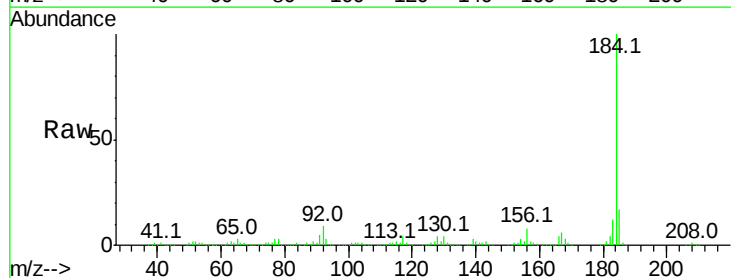
Tgt Ion:184 Resp: 848746

Ion Ratio Lower Upper

184 100

185 17.0 15.5 23.3

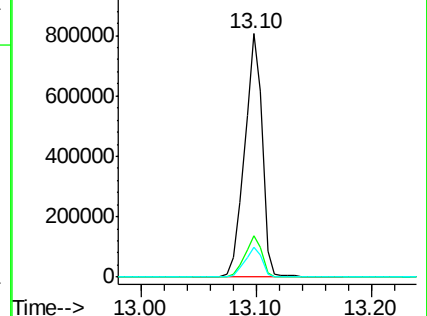
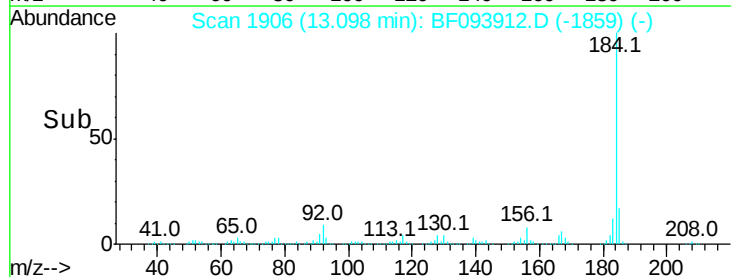
183 12.3 9.8 14.6

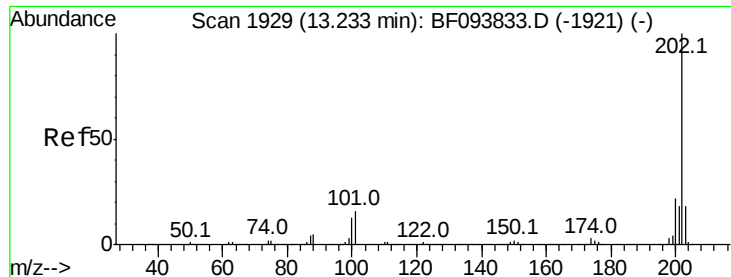


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

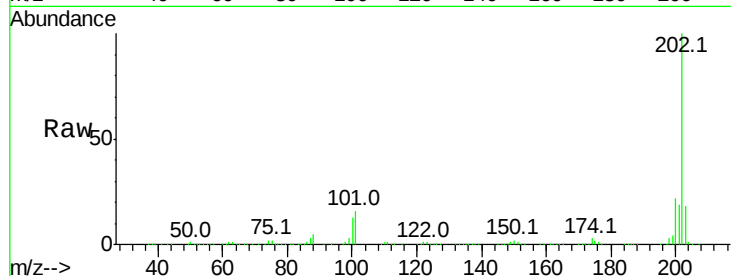




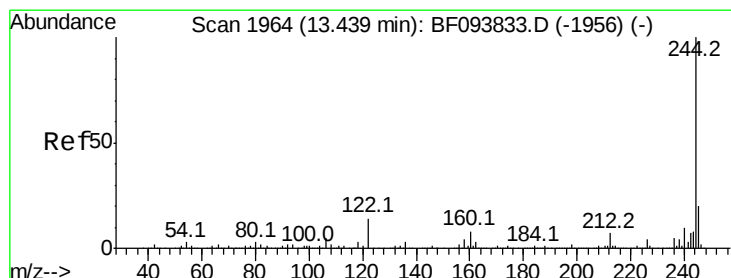
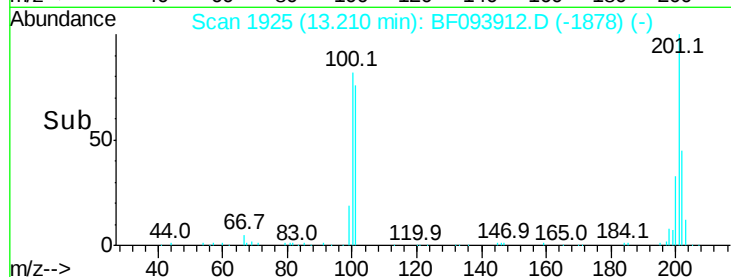
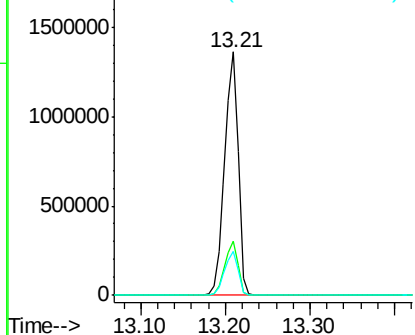
#77
Pvrene
Concen: 39.90 ng
RT: 13.21 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1520303
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 17.8 14.4 21.6

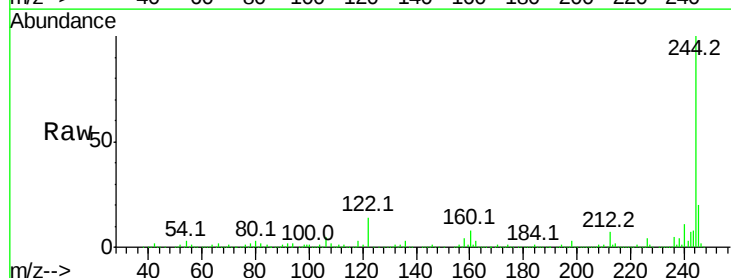


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

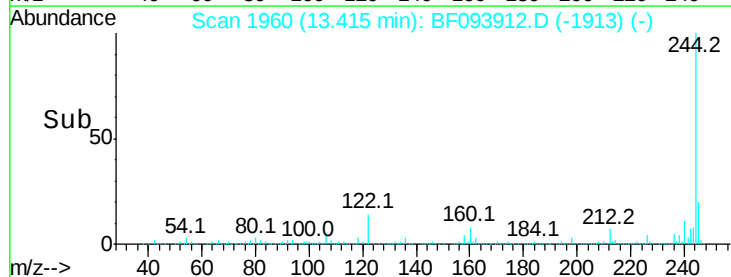
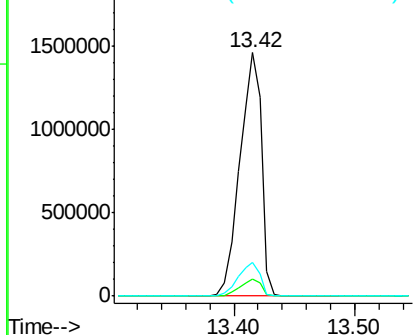


#78
Terphenyl-d14
Concen: 77.33 ng
RT: 13.42 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Tgt Ion:244 Resp: 1811324
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.6 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

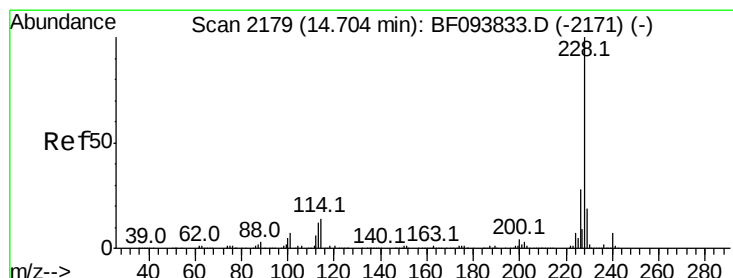
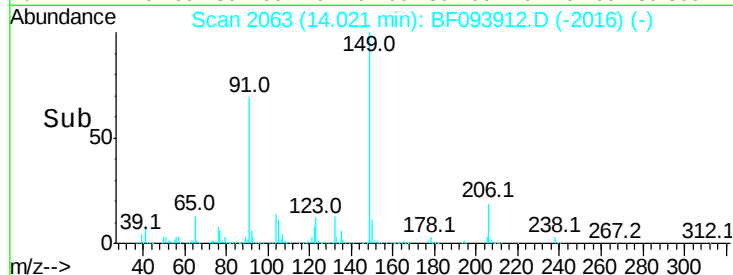
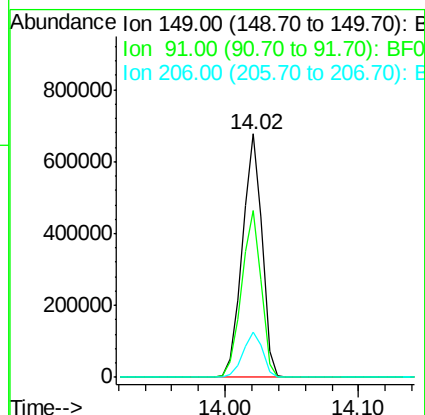
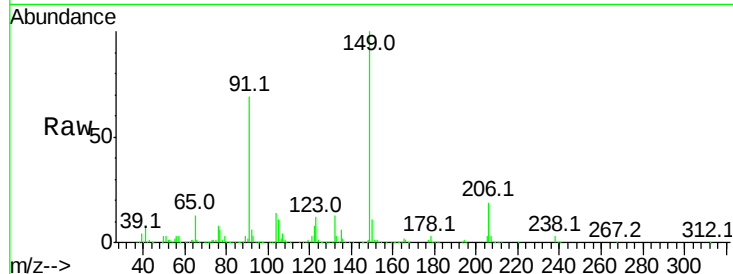




#79
Butylbenzylphthalate
Concen: 42.54 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

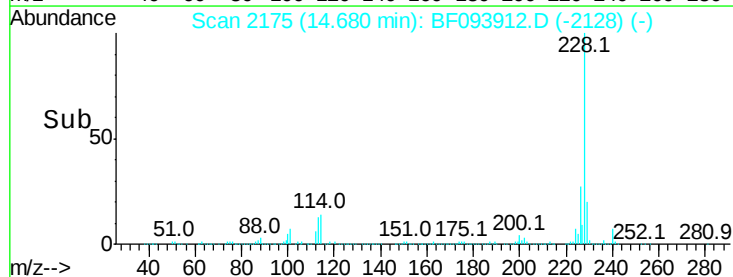
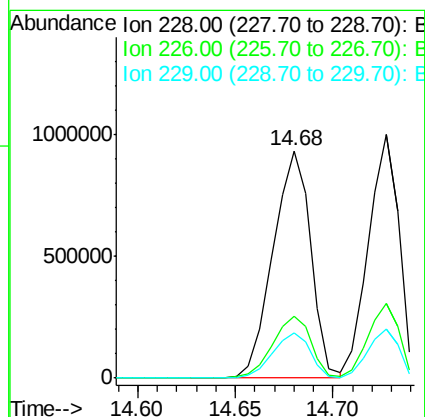
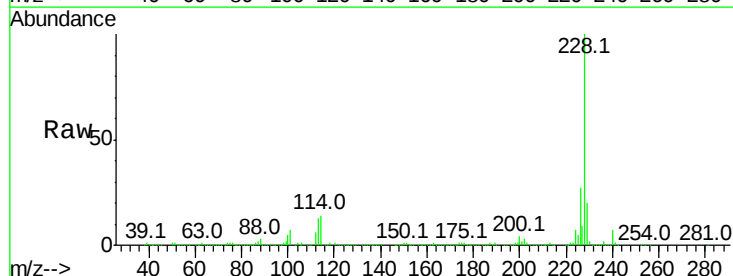
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

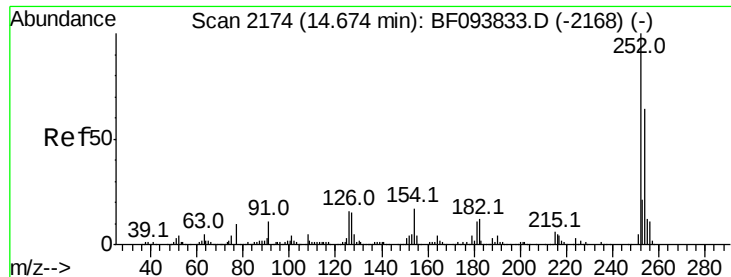
Tot Ion:149 Resp: 690659
Ion Ratio Lower Upper
149 100
91 68.8 45.0 67.4#
206 18.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.74 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF093912.D
Acq: 24 Mar 2017 17:46

Tgt Ion:228 Resp: 1247172
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.9 16.3 24.5

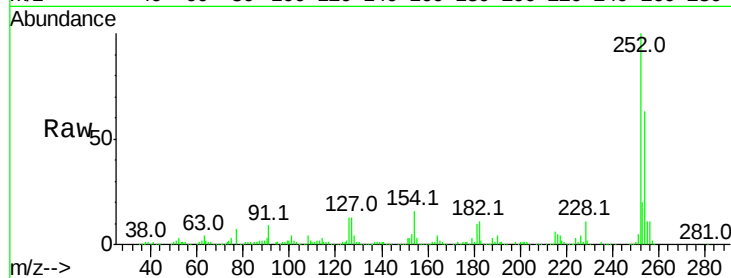




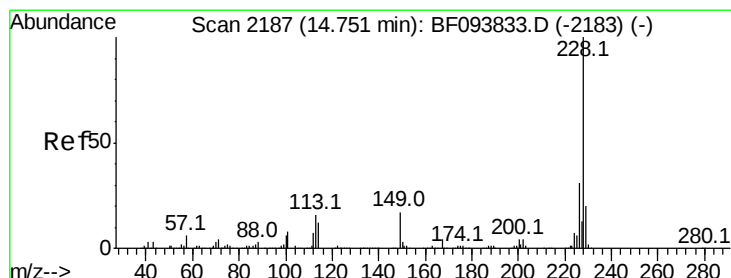
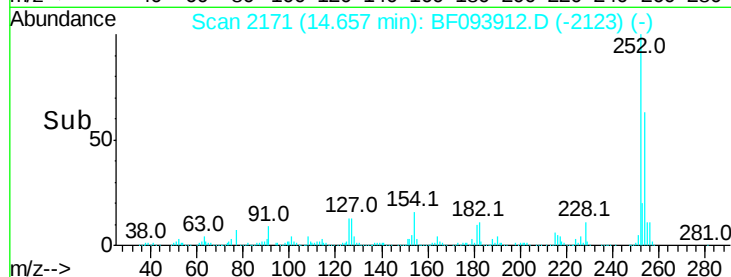
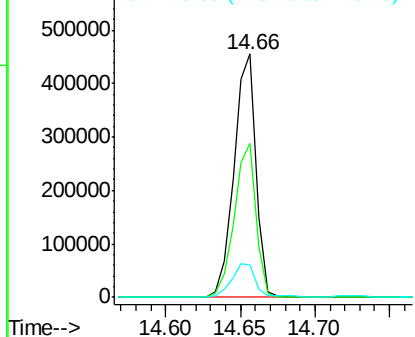
#81
 3,3'-Dichlorobenzidine
 Concen: 42.90 ng
 RT: 14.66 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 469450
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.5 77.3
 126 13.5 15.8 23.8#

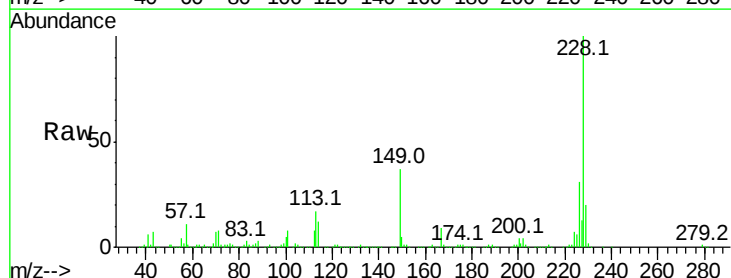


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

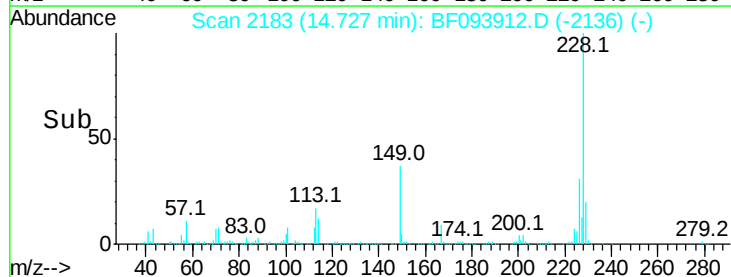
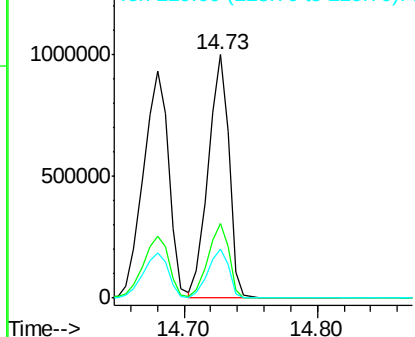


#82
 Chrysene
 Concen: 38.29 ng
 RT: 14.73 min Scan# 2183
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:228 Resp: 1087813
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

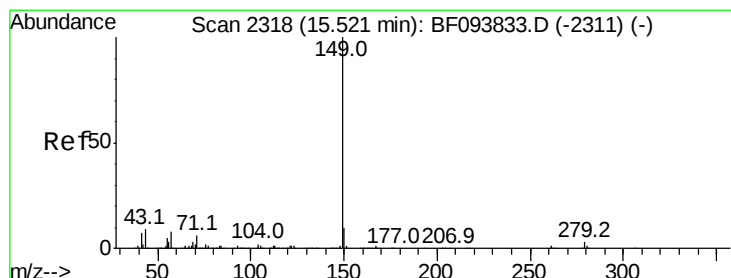
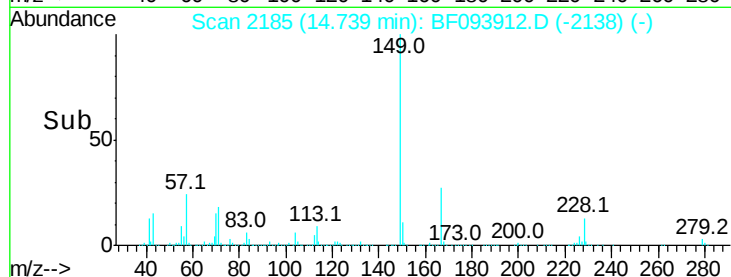
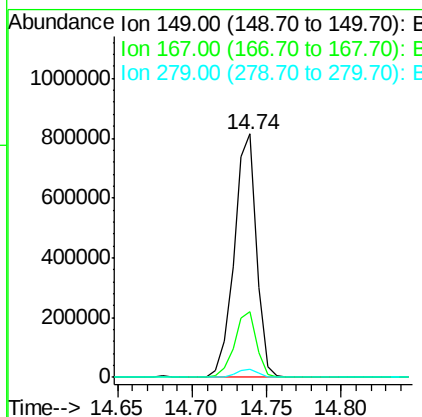
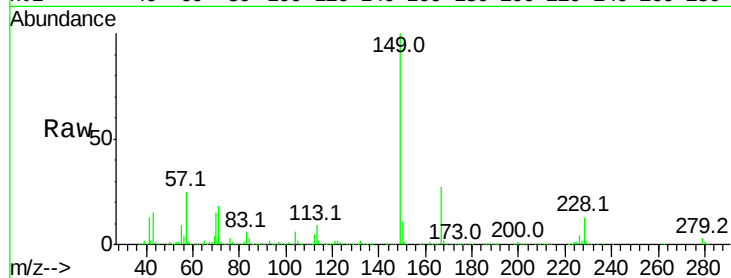




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.52 ng
 RT: 14.74 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

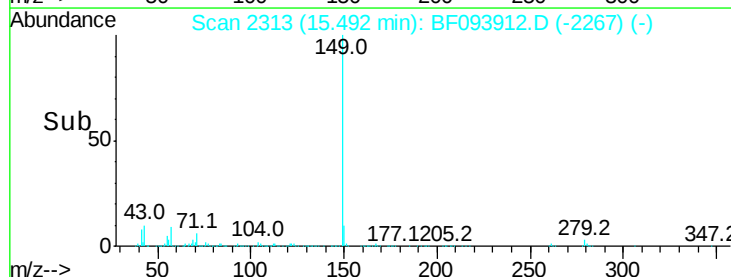
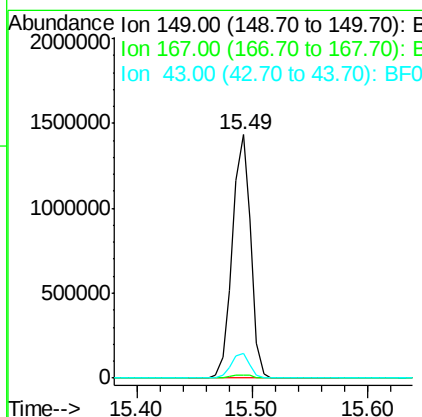
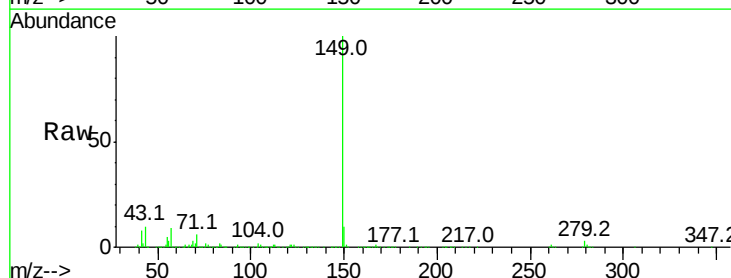
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

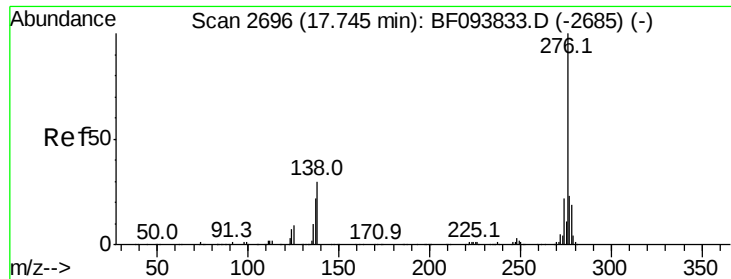
Tot Ion:149 Resp: 853258
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 42.25 ng
 RT: 15.49 min Scan# 2313
 Delta R.T. -0.03 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:149 Resp: 1563371
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.9 8.5 12.7

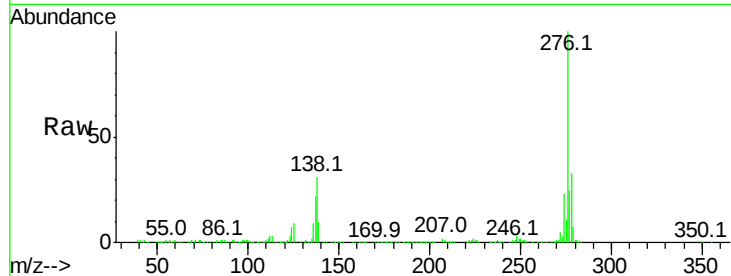




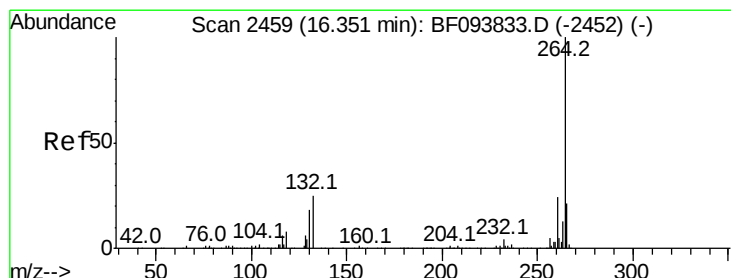
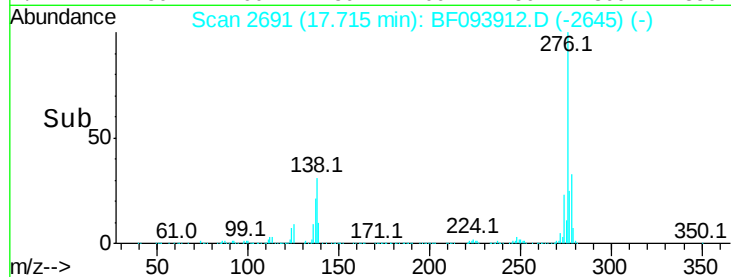
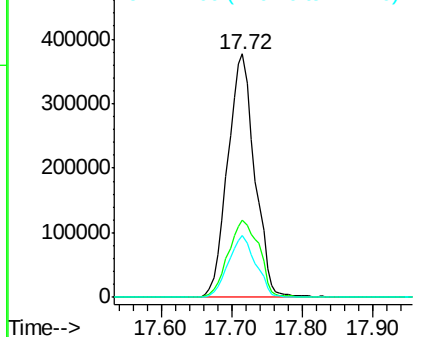
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.69 ng
 RT: 17.72 min Scan# 2691
 Delta R.T. -0.03 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1001288
 Ion Ratio Lower Upper
 276 100
 138 36.3 27.8 41.6
 277 25.9 20.2 30.4

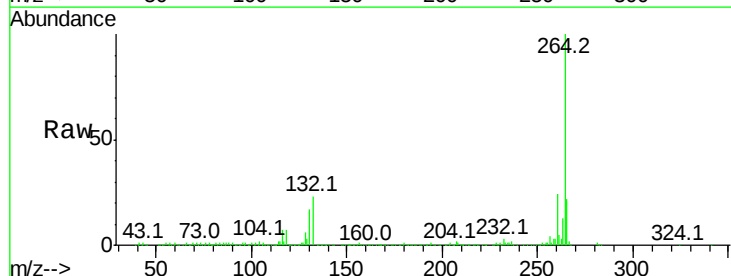


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

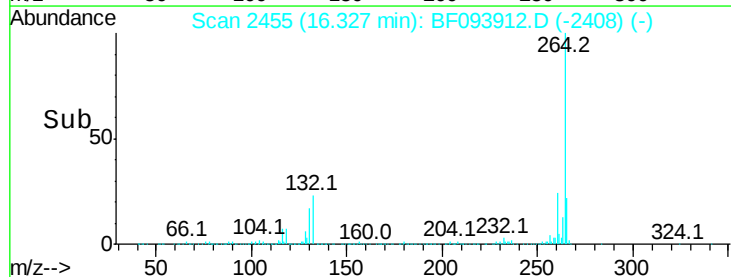
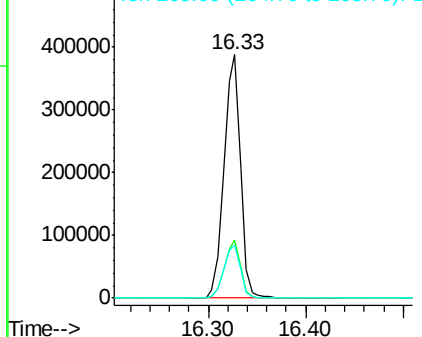


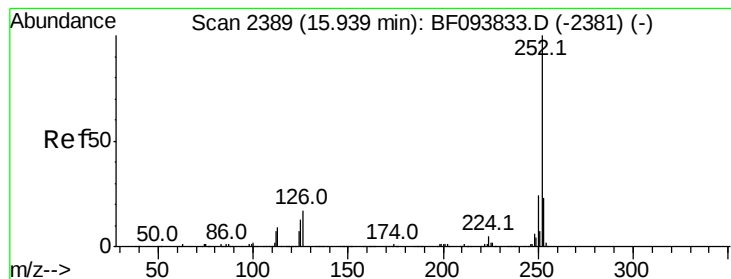
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.33 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Tgt Ion:264 Resp: 450895
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.6 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 40.14 ng

RT: 15.92 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

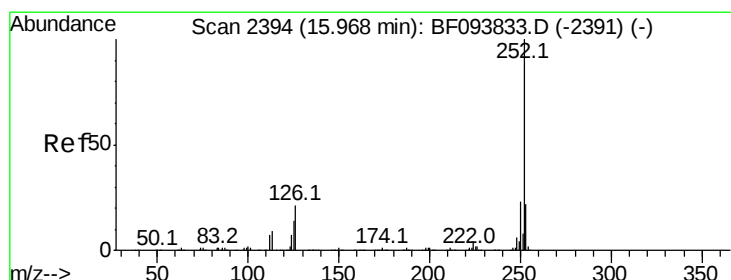
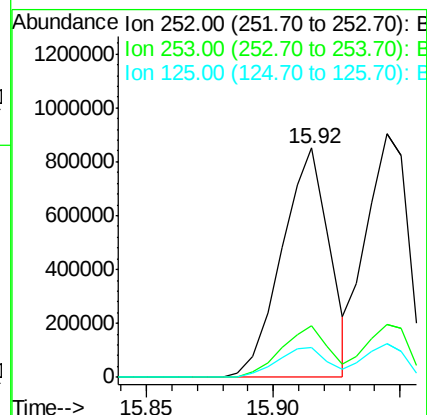
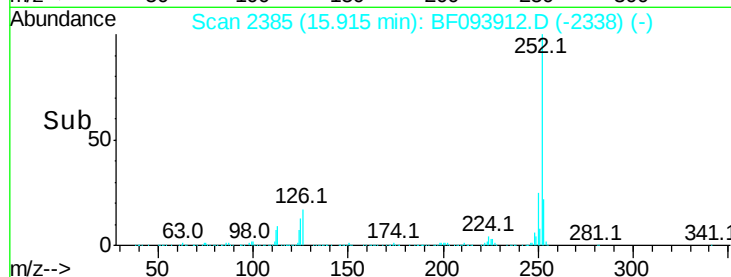
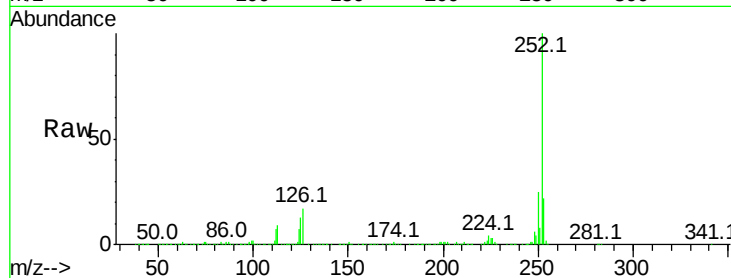
Tot Ion:252 Resp: 1109327

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 13.2 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 39.07 ng

RT: 15.94 min Scan# 2390

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

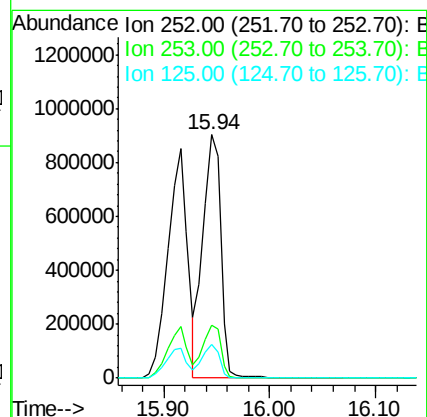
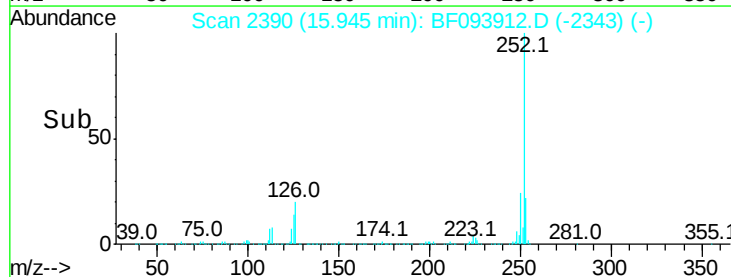
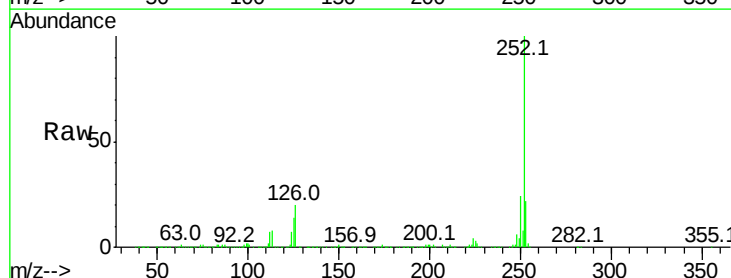
Tgt Ion:252 Resp: 1056668

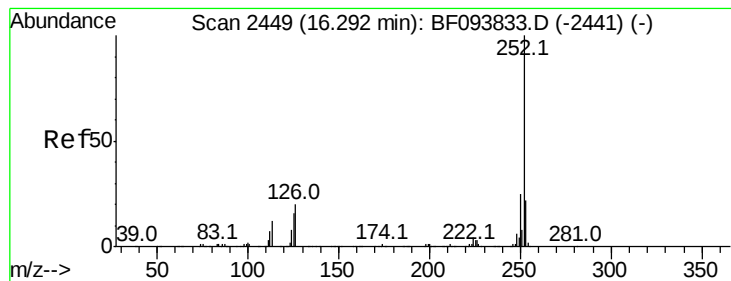
Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 13.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 40.15 ng

RT: 16.27 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Instrument :

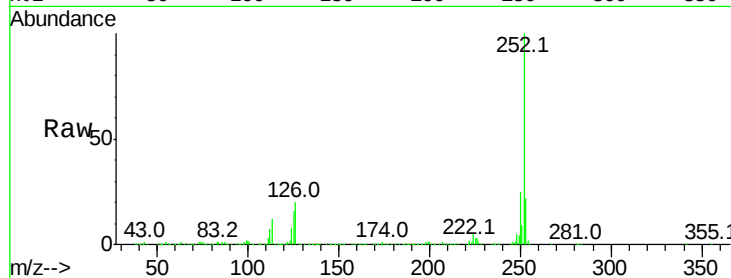
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1021947

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.6	11.0	16.4

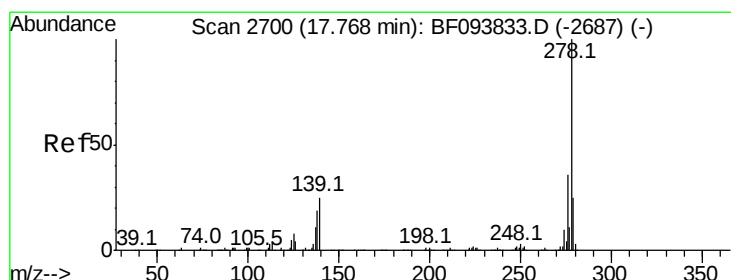
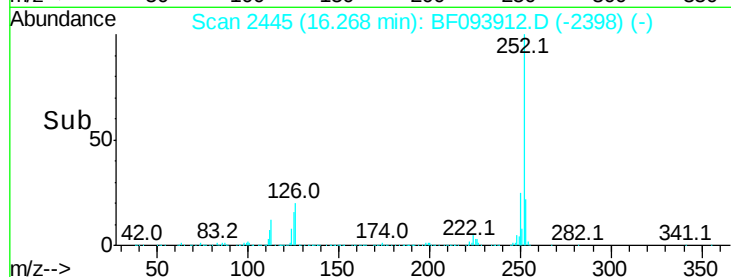
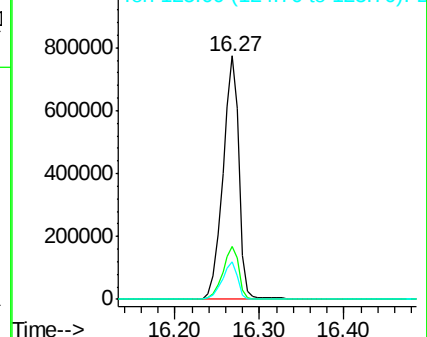


Abundance

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: 39.41 ng

RT: 17.74 min Scan# 2695

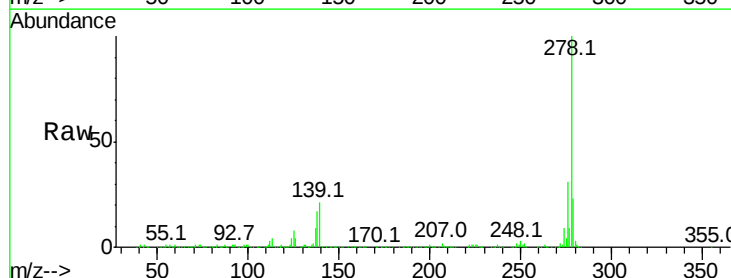
Delta R.T. -0.03 min

Lab File: BF093912.D

Acq: 24 Mar 2017 17:46

Tgt Ion:278 Resp: 849481

Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.6	24.8
279	23.5	19.3	28.9

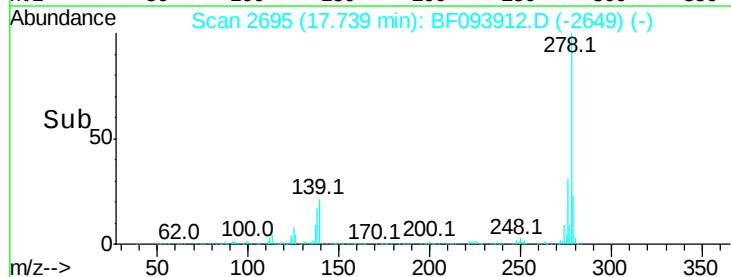
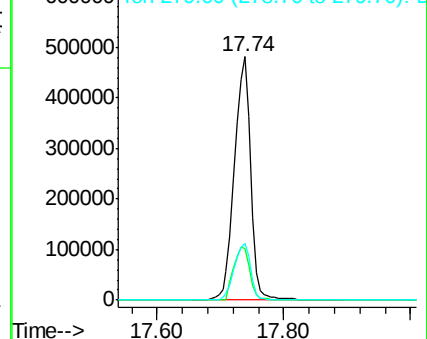


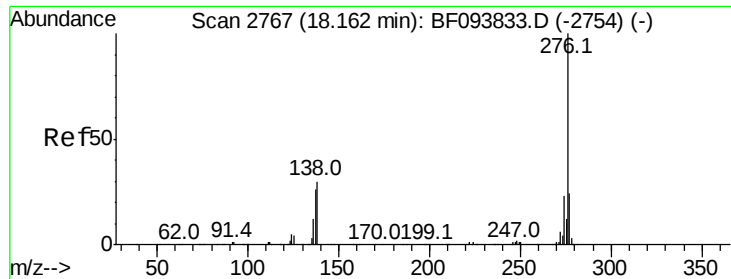
Abundance

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(a,h,i)perylene
 Concen: 38.35 ng
 RT: 18.13 min Scan# 2761
 Delta R.T. -0.04 min
 Lab File: BF093912.D
 Acq: 24 Mar 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	29.7	25.4	38.0

