

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093852.D
 Acq On : 23 Mar 2017 00:50
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 23 01:35:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 17:41:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	191439	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	783684	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	352084	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	606060	20.00	ng	0.00
75) Chrysene-d12	14.72	240	462656	20.00	ng	0.00
86) Perylene-d12	16.35	264	354030	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.50	112	885763	78.15	ng	0.00
7) Phenol-d6	5.57	99	1095520	78.13	ng	0.00
23) Nitrobenzene-d5	6.64	82	1090607	79.42	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	223240	80.24	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1844440	79.90	ng	0.00
78) Terphenyl-d14	13.44	244	1695916	82.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	214559	39.40	ng	98
3) Pyridine	2.85	79	565989	38.14	ng	96
4) n-Nitrosodimethylamine	2.81	42	246895	40.43	ng	94
6) Aniline	5.61	93	778892	39.93	ng	96
8) 2-Chlorophenol	5.75	128	497926	39.97	ng	98
9) Benzaldehyde	5.48	77	378138	39.94	ng	99
10) Phenol	5.59	94	665543	41.71	ng	91
11) bis(2-Chloroethyl)ether	5.69	93	501618	40.23	ng	99
12) 1,3-Dichlorobenzene	5.92	146	557399	39.89	ng	99
13) 1,4-Dichlorobenzene	6.01	146	568054	40.13	ng	97
14) 1,2-Dichlorobenzene	6.19	146	521423	40.00	ng	96
15) Benzyl Alcohol	6.15	79	414445	40.38	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.31	45	775195	40.34	ng	100
17) 2-Methylphenol	6.28	107	423185	39.66	ng	97
18) Hexachloroethane	6.58	117	204330	41.07	ng	# 83
19) n-Nitroso-di-n-propylamine	6.47	70	363355	40.32	ng	98
20) 3+4-Methylphenols	6.46	107	498004	38.54	ng	98
22) Acetophenone	6.46	105	678788	38.86	ng	95
24) Nitrobenzene	6.66	77	544126	40.18	ng	93
25) Isophorone	6.95	82	967406	40.09	ng	94
26) 2-Nitrophenol	7.03	139	267786	41.46	ng	97
27) 2,4-Dimethylphenol	7.09	122	445132	40.00	ng	98
28) bis(2-Chloroethoxy)methane	7.21	93	635849	39.96	ng	99
29) 2,4-Dichlorophenol	7.32	162	417356	40.11	ng	97
30) 1,2,4-Trichlorobenzene	7.43	180	428363	39.97	ng	98
31) Naphthalene	7.52	128	1491330	39.58	ng	100
32) Benzoic acid	7.24	122	310539	41.92	ng	96
33) 4-Chloroaniline	7.58	127	604513	39.58	ng	95
34) Hexachlorobutadiene	7.68	225	217803	39.63	ng	99
35) Caprolactam	8.03	113	133041	40.09	ng	99
36) 4-Chloro-3-methylphenol	8.18	107	432166	39.75	ng	91
37) 2-Methylnaphthalene	8.36	142	1000068	39.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	378665	39.31	ng	99
40) Hexachlorocyclopentadiene	8.56	237	190354	42.23	ng	96

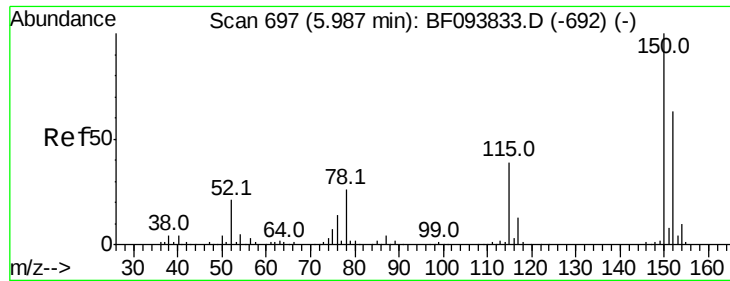
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	274708	40.31	nq	99
43) 2,4,5-Trichlorophenol	8.75	196	300339	40.73	nq	93
45) 1,1'-Biphenyl	8.94	154	1122236	39.52	nq	98
46) 2-Chloronaphthalene	8.96	162	884214	39.78	nq	95
47) 2-Nitroaniline	9.07	65	265914	40.32	nq	90
48) Acenaphthylene	9.47	152	1466481	39.69	nq	99
49) Dimethylphthalate	9.32	163	1004185	40.12	nq	100
50) 2,6-Dinitrotoluene	9.39	165	234017	40.79	nq	# 89
51) Acenaphthene	9.68	154	846512	39.27	nq	100
52) 3-Nitroaniline	9.59	138	266804	39.60	nq	91
53) 2,4-Dinitrophenol	9.71	184	107337	37.59	nq	# 73
54) Dibenzofuran	9.89	168	1163495	39.65	nq	99
55) 4-Nitrophenol	9.79	139	214154	40.59	nq	# 73
56) 2,4-Dinitrotoluene	9.87	165	299731	41.59	nq	# 80
57) Fluorene	10.31	166	920082	37.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	206971	40.91	nq	99
59) Diethylphthalate	10.19	149	1006819	40.70	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	396958	38.29	nq	89
61) 4-Nitroaniline	10.34	138	255449	39.51	nq	94
62) Azobenzene	10.52	77	935340	39.97	nq	96
64) 4,6-Dinitro-2-methylphenol	10.38	198	150386	40.52	nq	# 73
65) n-Nitrosodiphenylamine	10.46	169	837327	39.95	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	242163	40.63	nq	95
67) Hexachlorobenzene	10.99	284	246768	40.90	nq	# 92
68) Atrazine	11.13	200	254170	40.49	nq	97
69) Pentachlorophenol	11.23	266	151335	40.30	nq	98
70) Phenanthrene	11.49	178	1323981	39.27	nq	99
71) Anthracene	11.56	178	1368176	39.41	nq	99
72) Carbazole	11.75	167	1384820	38.90	nq	99
73) Di-n-butylphthalate	12.20	149	1516929	40.98	nq	100
74) Fluoranthene	12.96	202	1343042	38.90	nq	99
76) Benzidine	13.12	184	721155	39.38	nq	98
77) Pyrene	13.23	202	1395616	41.57	nq	99
79) Butylbenzylphthalate	14.04	149	633637	44.29	nq	# 83
80) Benzo(a)anthracene	14.70	228	1096963	40.66	nq	99
81) 3,3'-Dichlorobenzidine	14.67	252	389202	40.36	nq	# 96
82) Chrysene	14.75	228	1002830	40.06	nq	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	868001	44.47	nq	# 99
84) Di-n-octyl phthalate	15.52	149	1405005	43.09	nq	99
85) Indeno(1,2,3-cd)pyrene	17.74	276	779151	35.93	nq	97
87) Benzo(b)fluoranthene	15.93	252	920720	42.43	nq	98
88) Benzo(k)fluoranthene	15.93	252	920720	43.05	nq	97
89) Benzo(a)pyrene	16.29	252	818578	40.96	nq	99
90) Dibenzo(a,h)anthracene	17.77	278	662753	39.16	nq	97
91) Benzo(g,h,i)perylene	18.16	276	661638	38.79	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.99 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

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ClientSampleId :

SSTDCCC040

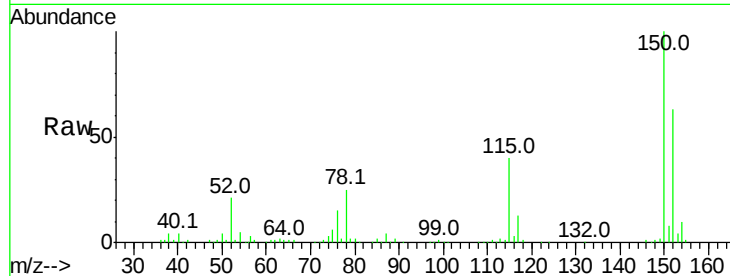
Tot Ion:152 Resp: 191439

Ion Ratio Lower Upper

152 100

150 157.7 126.2 189.2

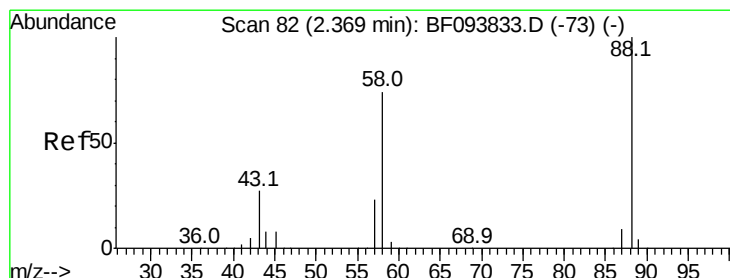
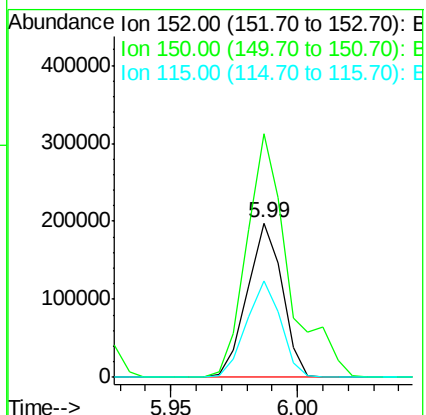
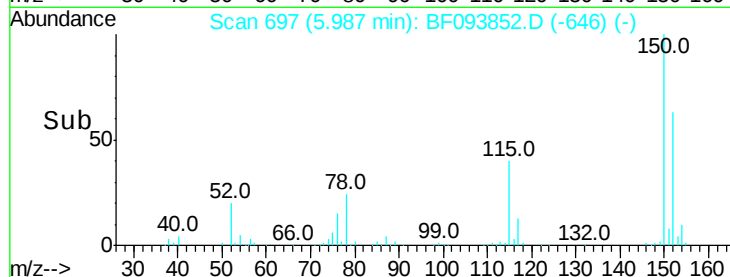
115 62.3 52.2 78.2



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: 39.40 ng

RT: 2.36 min Scan# 81

Delta R.T. -0.01 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

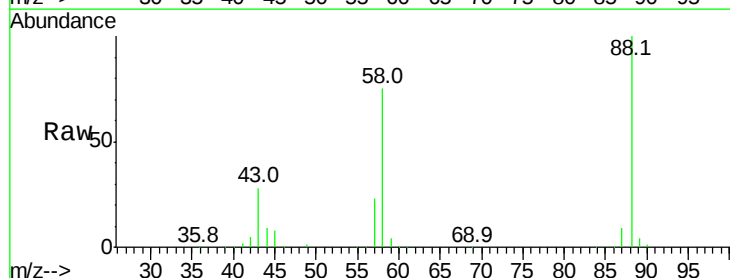
Tgt Ion: 88 Resp: 214559

Ion Ratio Lower Upper

88 100

58 74.8 61.4 92.0

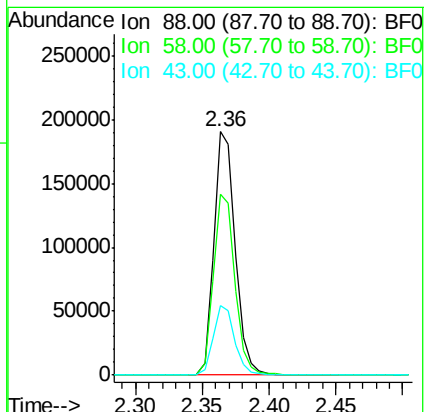
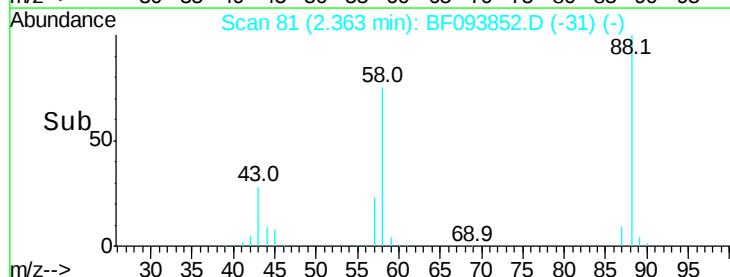
43 28.5 23.4 35.0

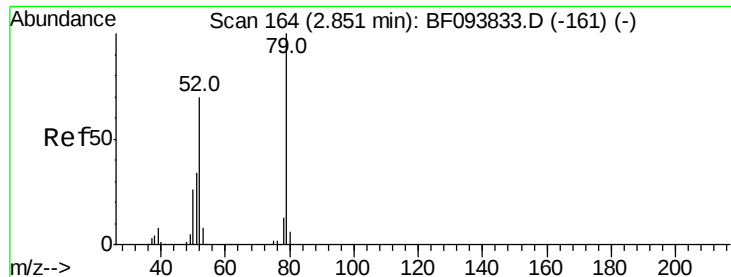


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.14 ng

RT: 2.85 min Scan# 163

Delta R.T. -0.01 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

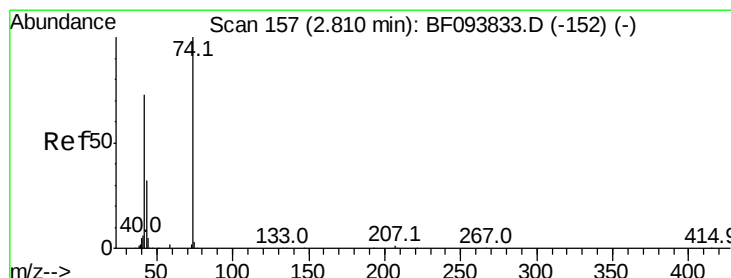
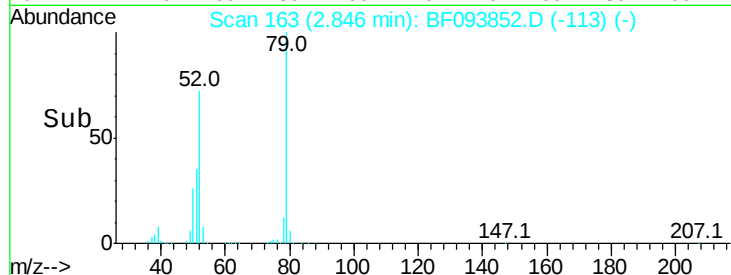
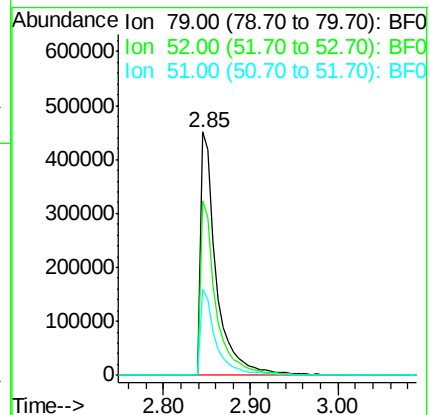
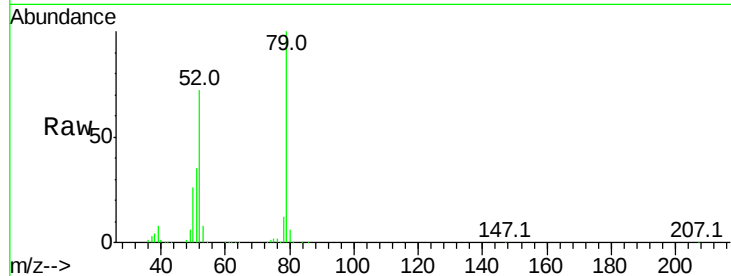
Tot Ion: 79 Resp: 565989

Ion Ratio Lower Upper

79 100

52 71.9 54.8 82.2

51 35.3 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.43 ng

RT: 2.81 min Scan# 157

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

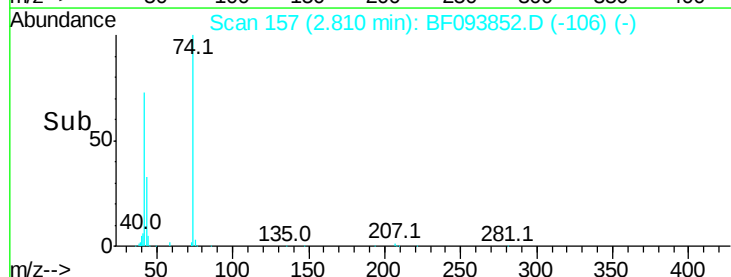
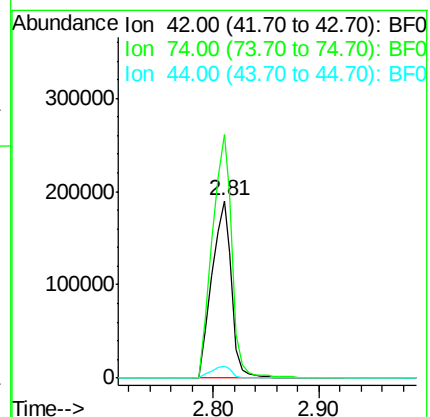
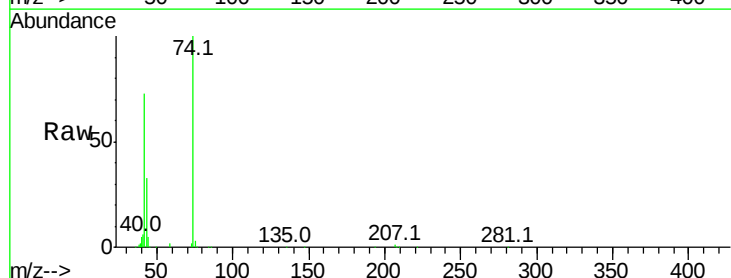
Tgt Ion: 42 Resp: 246895

Ion Ratio Lower Upper

42 100

74 137.1 103.9 155.9

44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 78.15 ng

RT: 4.50 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

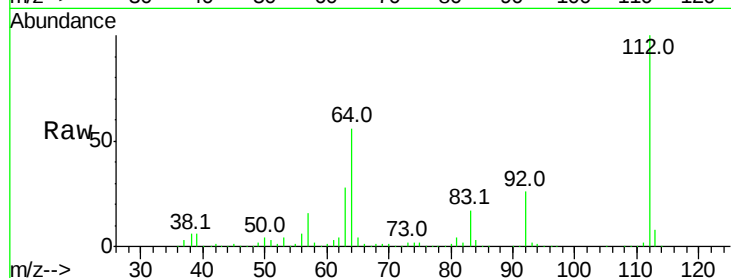
Tot Ion:112 Resp: 885763

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

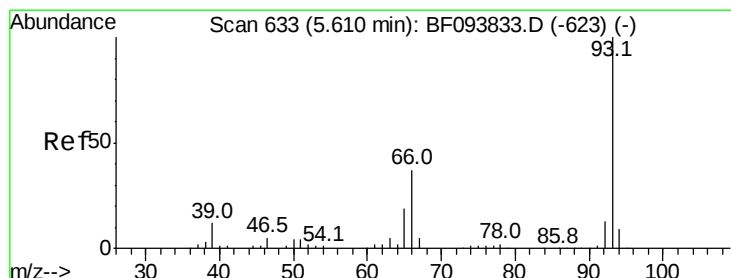
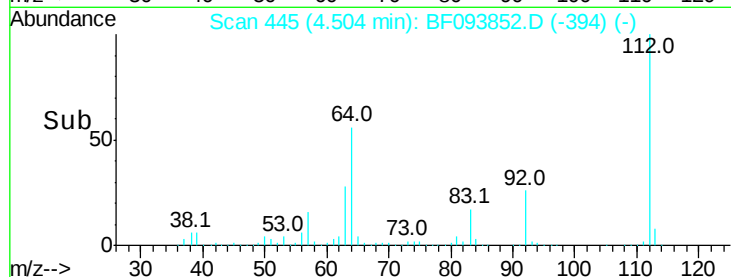
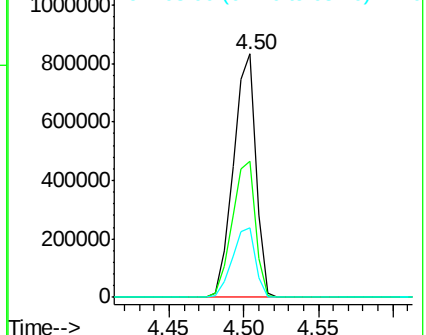
63 28.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.93 ng

RT: 5.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

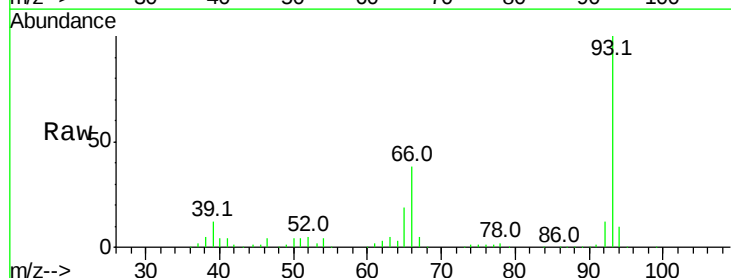
Tgt Ion: 93 Resp: 778892

Ion Ratio Lower Upper

93 100

66 37.9 32.9 49.3

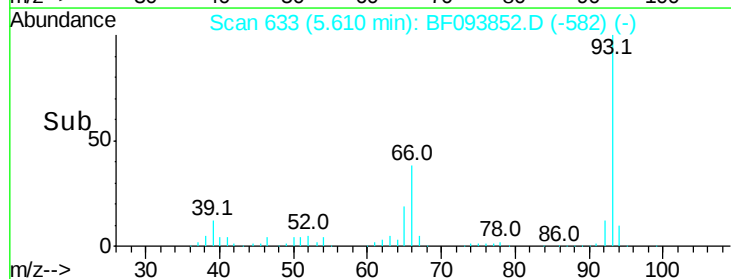
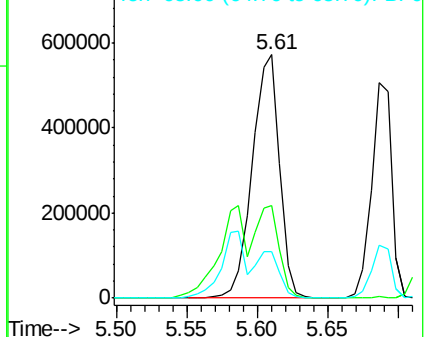
65 18.9 16.0 24.0

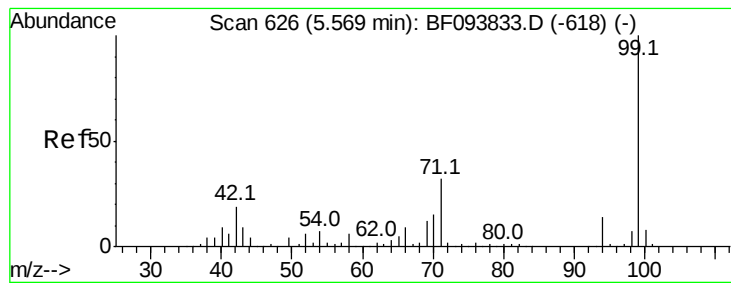


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.13 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

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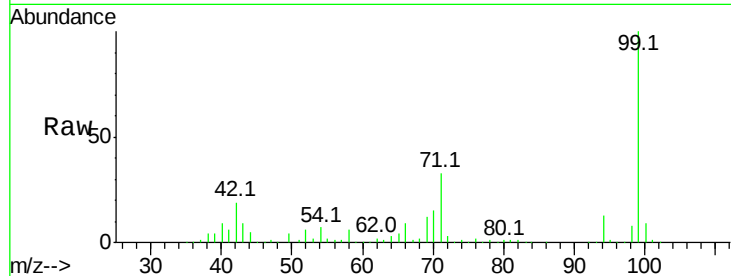
Tot Ion: 99 Resp: 1095520

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	32.8	24.5	36.7

99 100

42 18.5 13.5 20.3

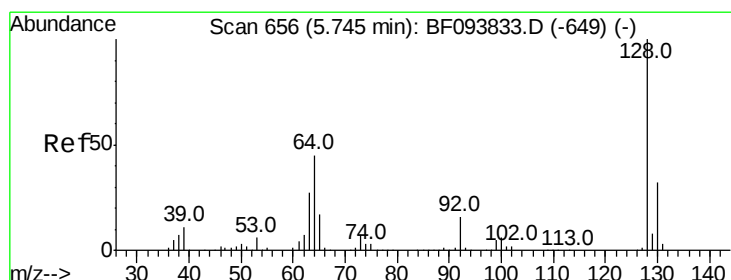
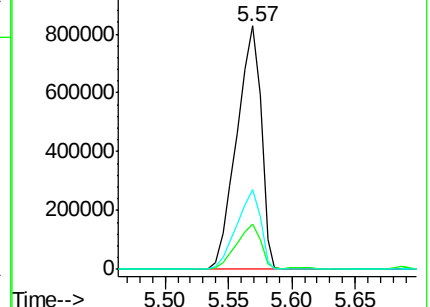
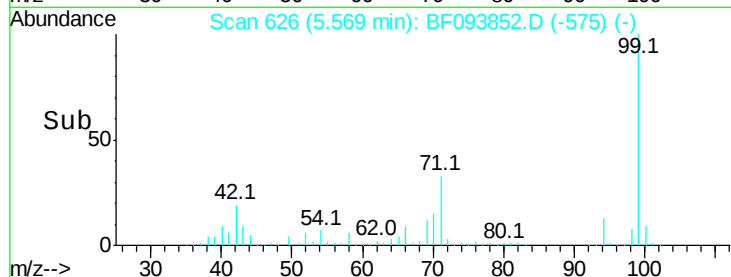
71 32.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.97 ng

RT: 5.75 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

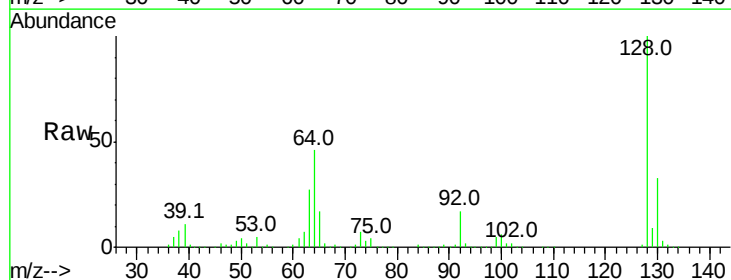
Tgt Ion: 128 Resp: 497926

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	46.3	28.4	68.4

128 100

130 32.8 12.9 52.9

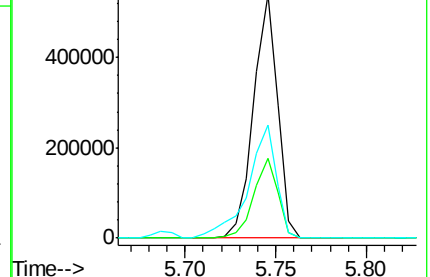
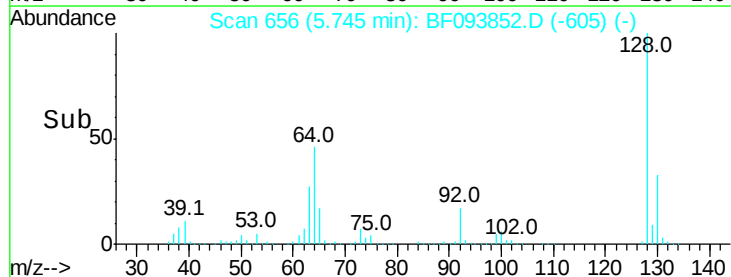
64 46.3 28.4 68.4

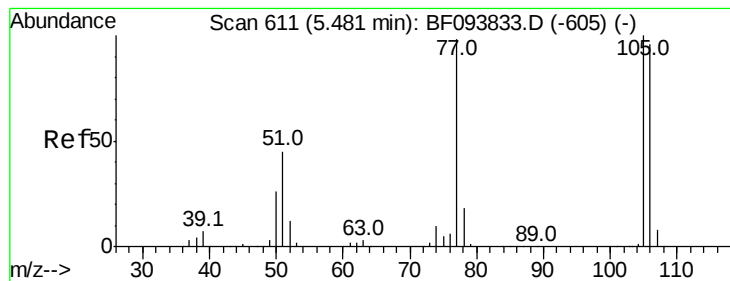


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.94 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

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ClientSampleId :

SSTDCCC040

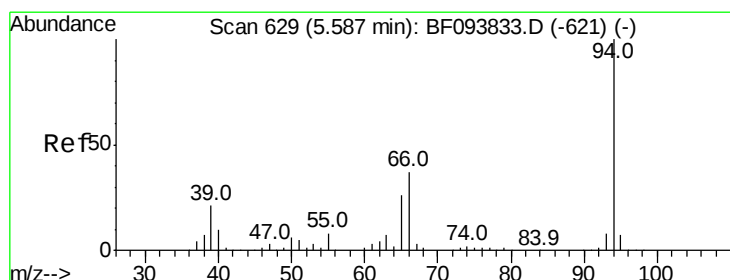
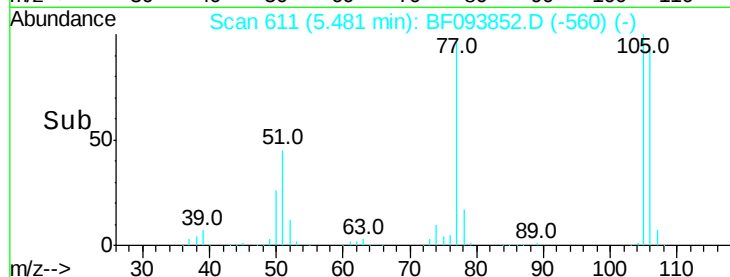
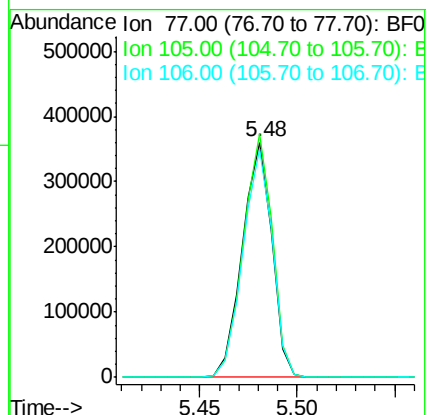
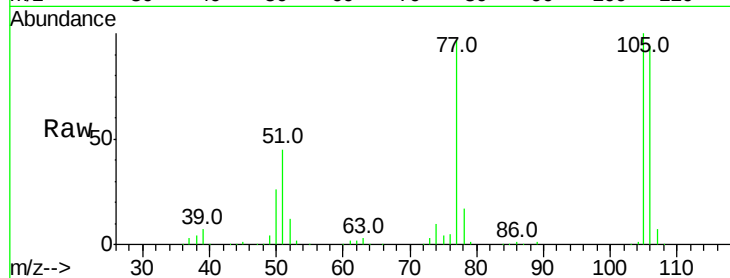
Tot Ion: 77 Resp: 378138

Ion Ratio Lower Upper

77 100

105 103.5 83.8 123.8

106 97.0 79.1 119.1



#10

Phenol

Concen: 41.71 ng

RT: 5.59 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

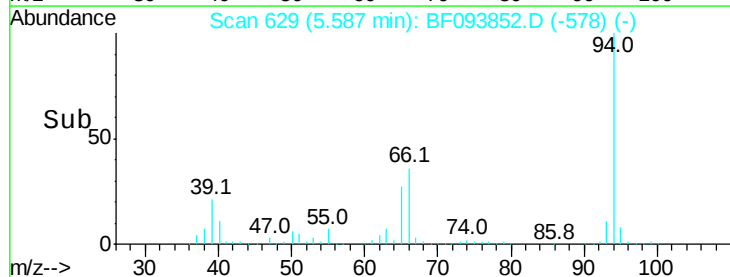
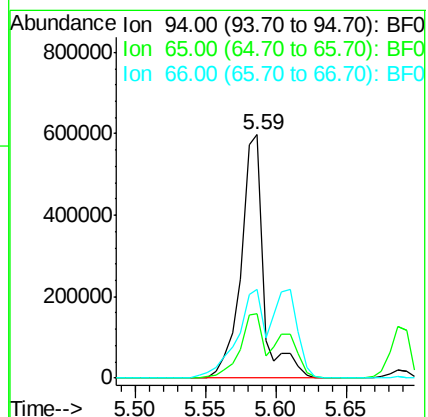
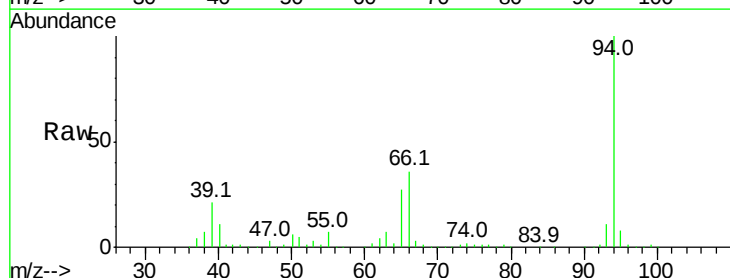
Tgt Ion: 94 Resp: 665543

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

66 36.3 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.23 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

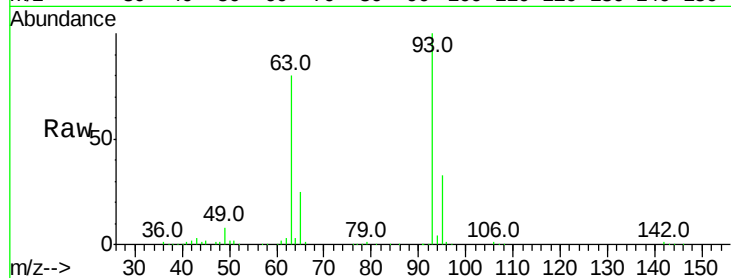
Tot Ion: 93 Resp: 501618

Ion Ratio Lower Upper

93 100

63 80.0 59.2 99.2

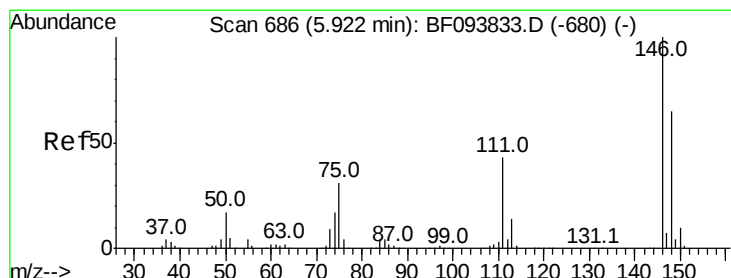
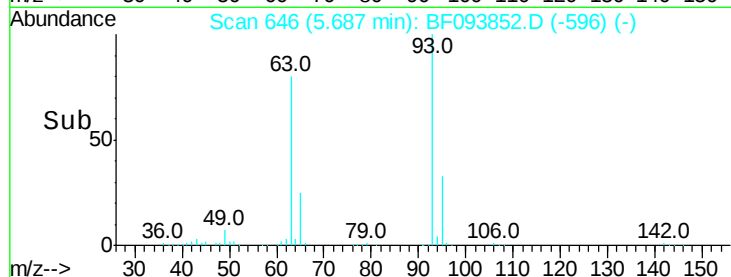
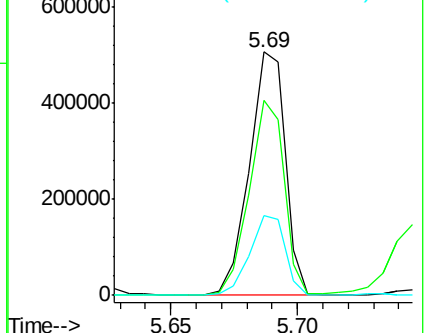
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.89 ng

RT: 5.92 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

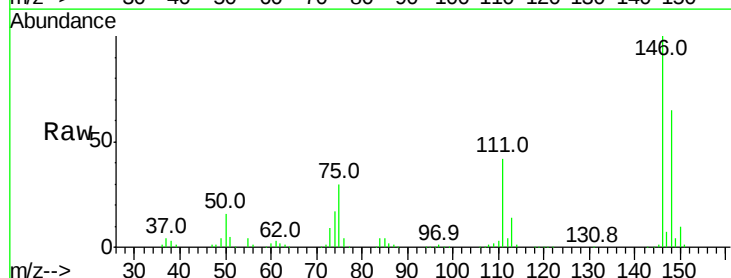
Tgt Ion: 146 Resp: 557399

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

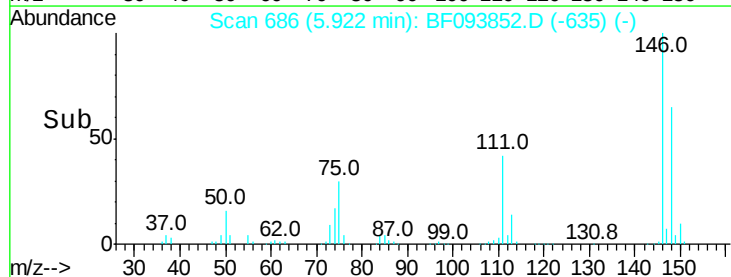
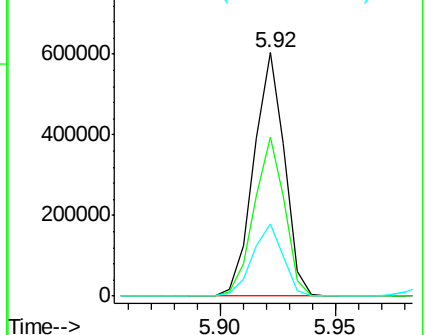
75 29.8 23.1 34.7

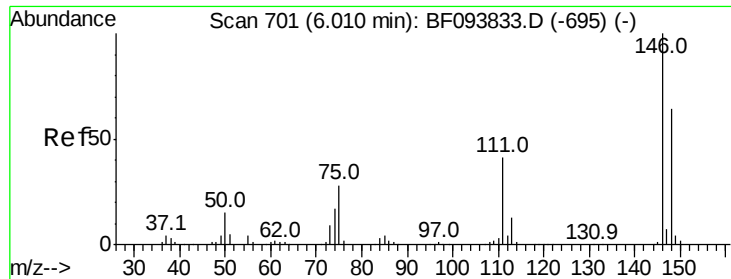


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

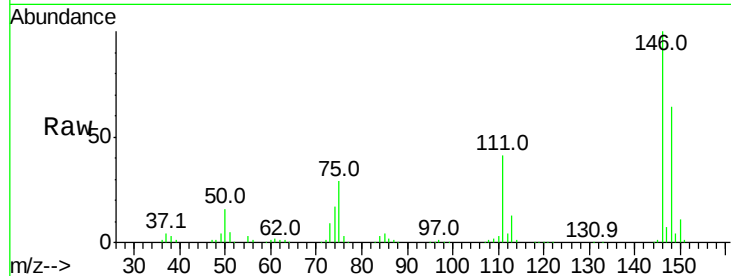




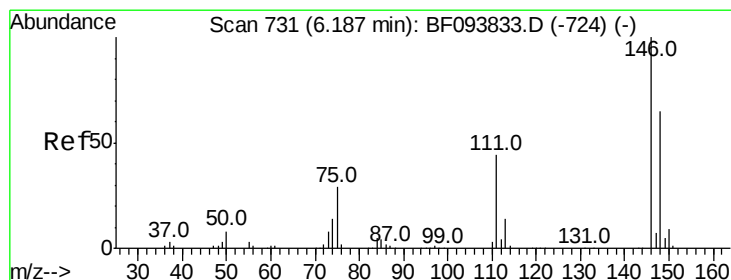
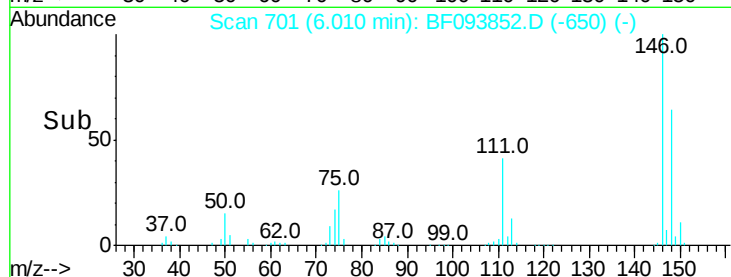
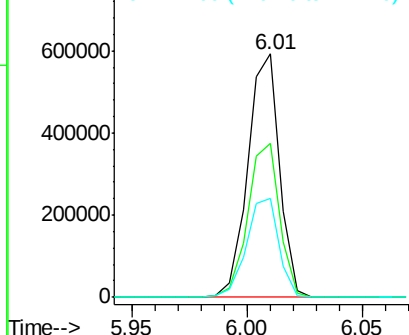
#13
 1,4-Dichlorobenzene
 Concen: 40.13 ng
 RT: 6.01 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	40.8	30.3	45.5

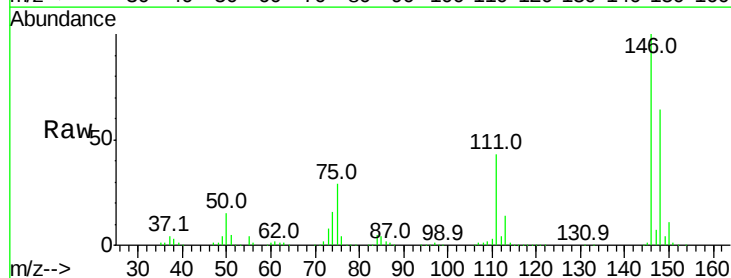


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

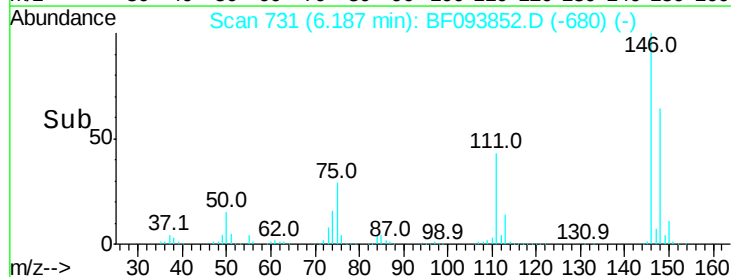
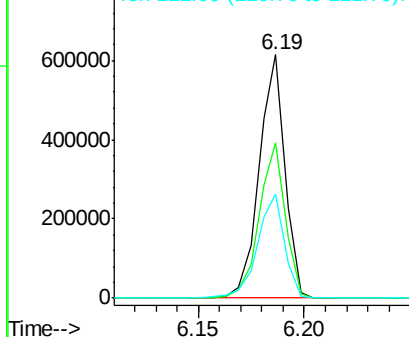


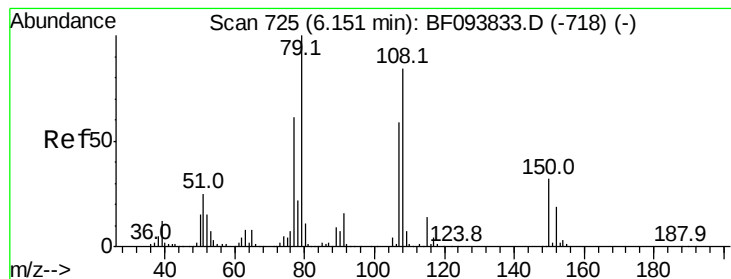
#14
 1,2-Dichlorobenzene
 Concen: 40.00 ng
 RT: 6.19 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	42.6	38.2	57.4



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





#15

Benzyl Alcohol

Concen: 40.38 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

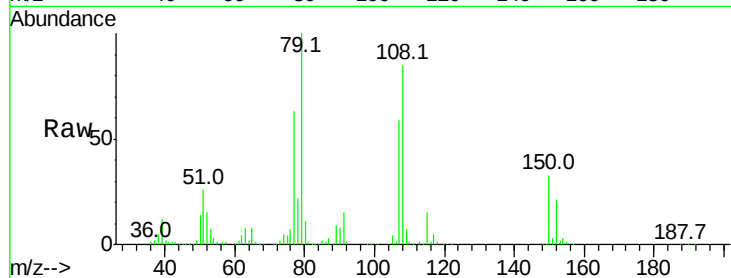
Tot Ion: 79 Resp: 414445

Ion Ratio Lower Upper

79 100

108 85.2 63.4 95.0

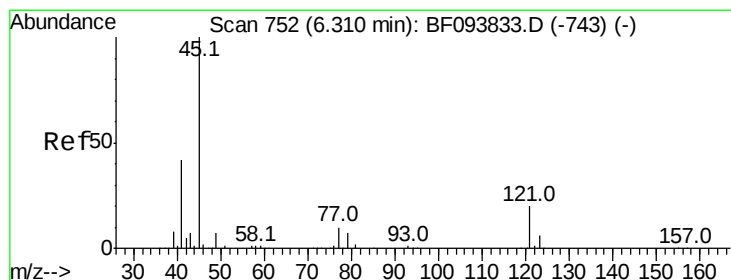
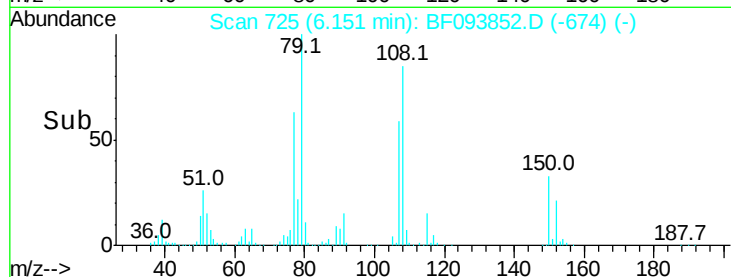
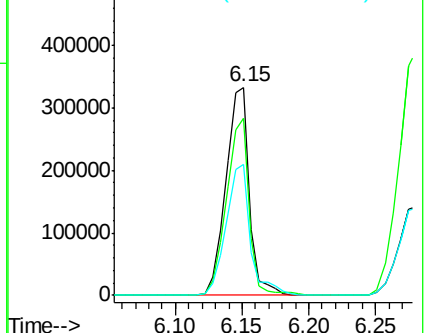
77 62.7 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.34 ng

RT: 6.31 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

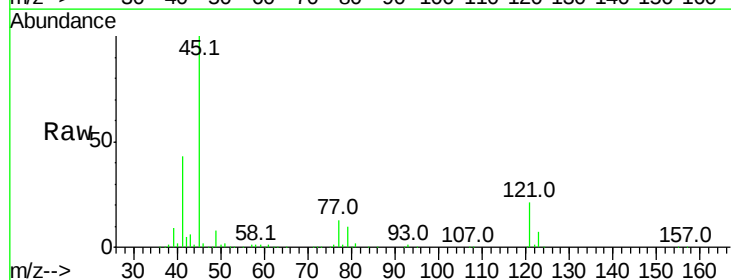
Tgt Ion: 45 Resp: 775195

Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

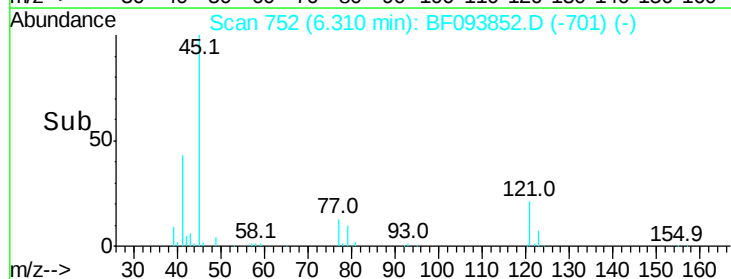
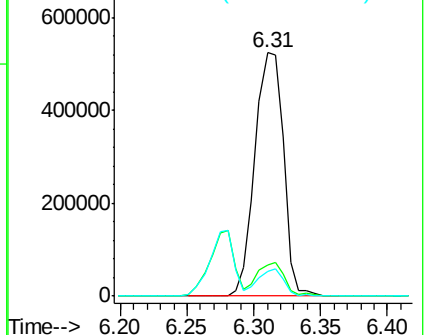
79 10.1 0.0 30.0

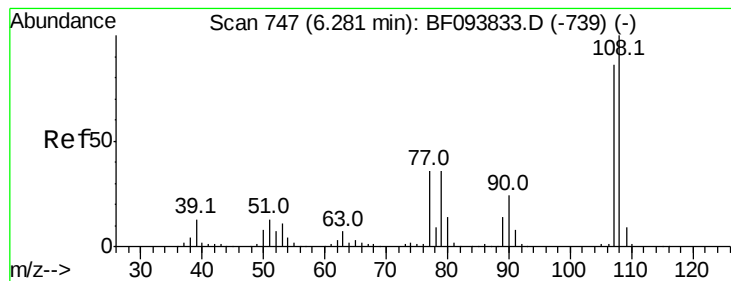


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

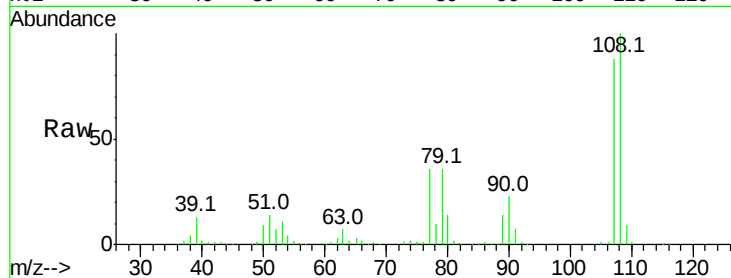




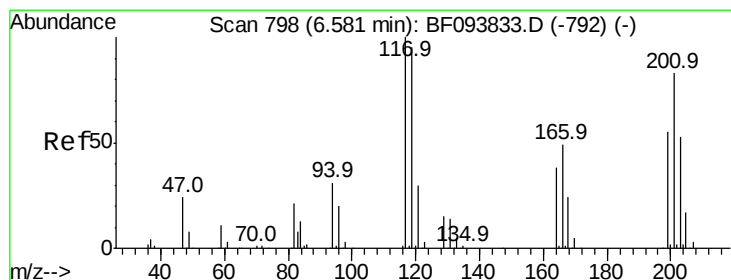
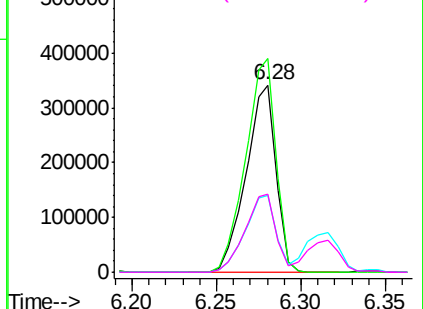
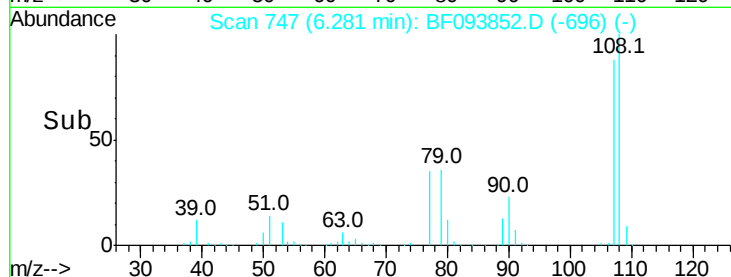
#17
2-Methylphenol
Concen: 39.66 ng
RT: 6.28 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 423185
Ion Ratio Lower Upper
107 100
108 114.1 93.4 140.0
77 41.2 35.8 53.6
79 41.6 34.8 52.2

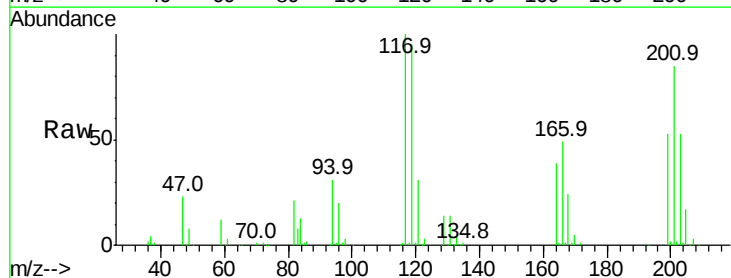


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

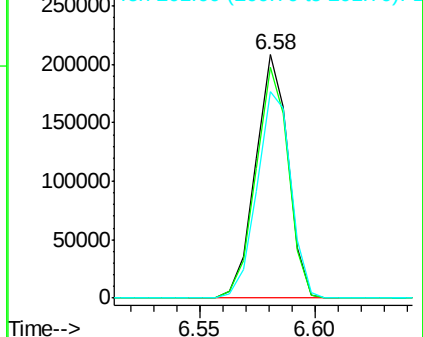
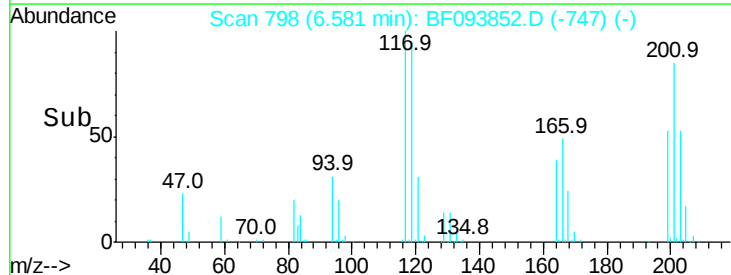


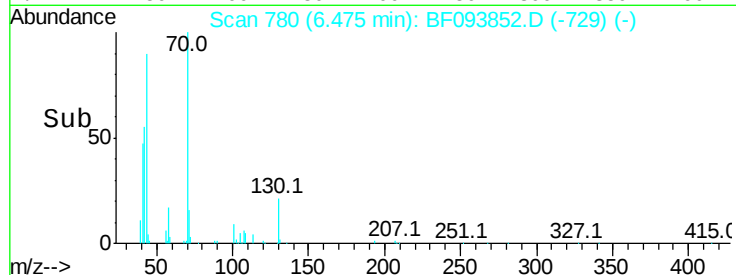
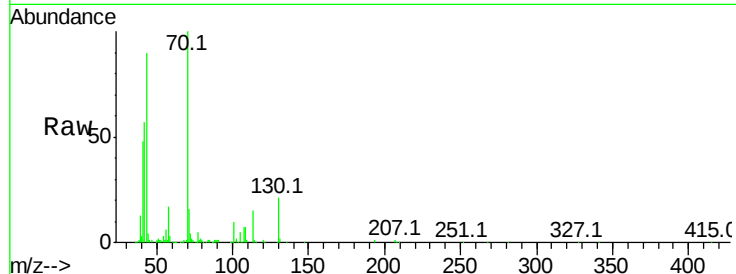
#18
Hexachloroethane
Concen: 41.07 ng
RT: 6.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:117 Resp: 204330
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.0
201 85.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

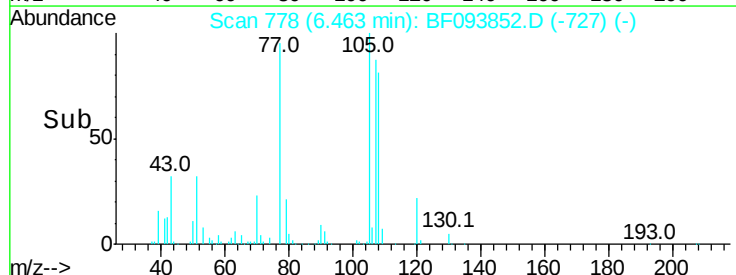
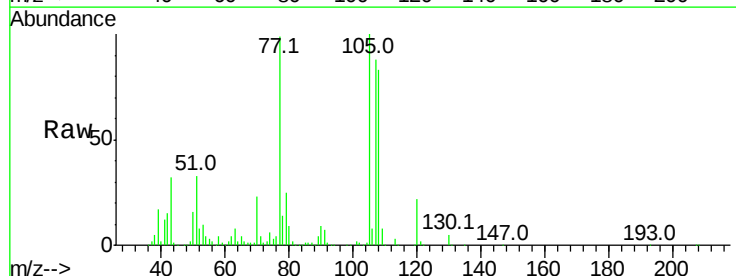
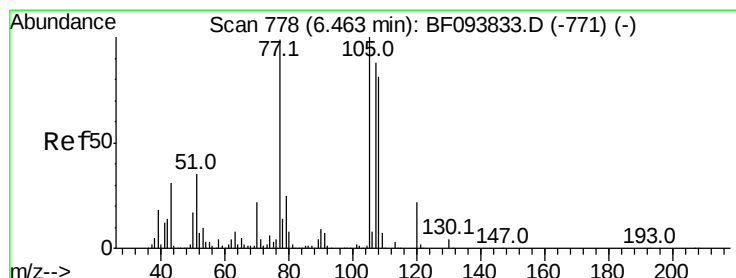
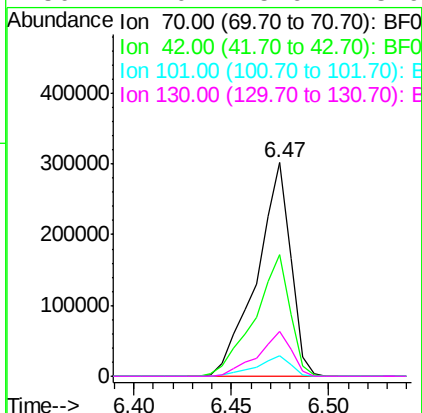




#19
n-Nitroso-di-n-propylamine
Concen: 40.32 ng
RT: 6.47 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

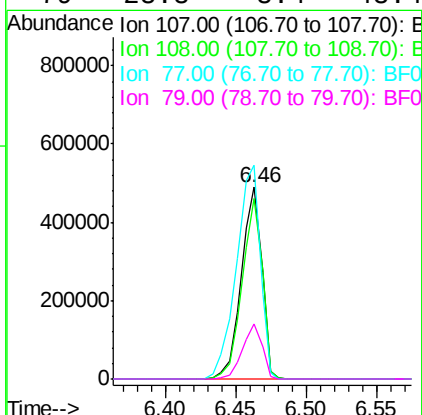
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

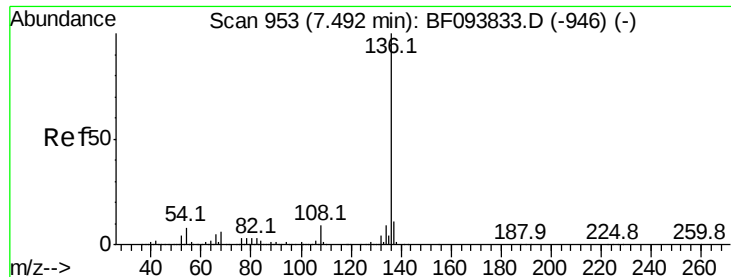
Tot Ion:	70	Resp:	363355
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.2	70.8
101	9.7	7.2	10.8
130	21.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 38.54 ng
RT: 6.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:	107	Resp:	498004
Ion	Ratio	Lower	Upper
107	100		
108	94.2	71.0	111.0
77	111.5	90.5	130.5
79	28.8	8.4	48.4

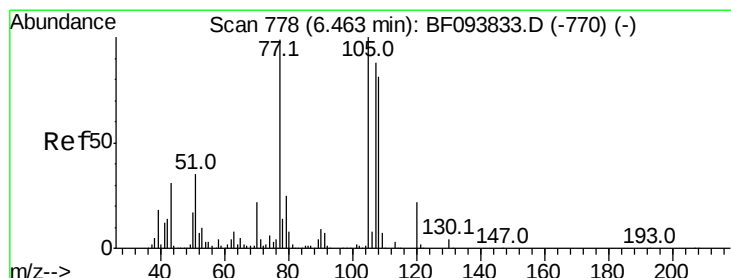
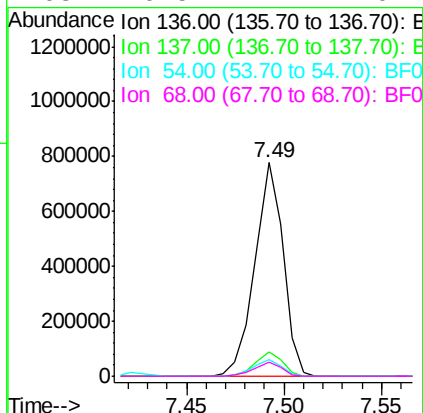
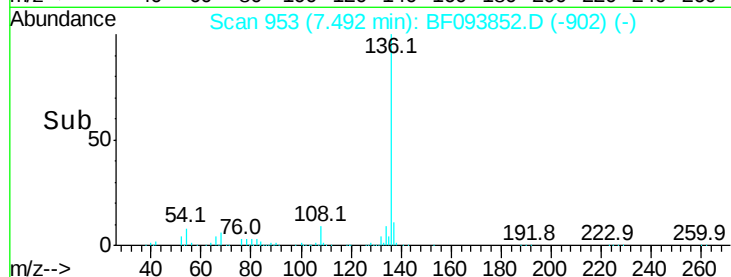
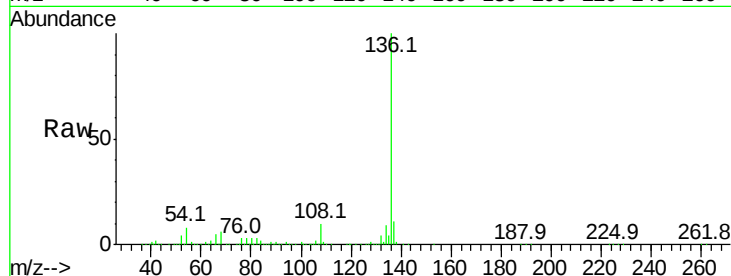




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

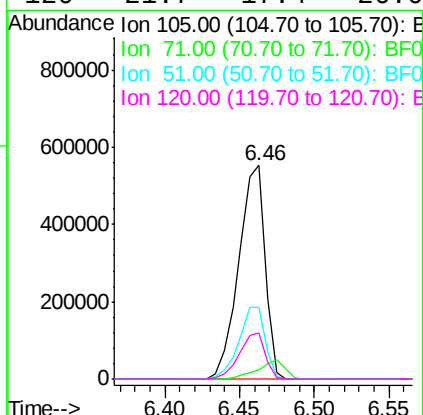
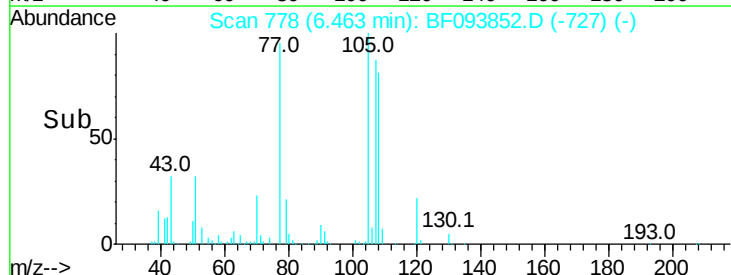
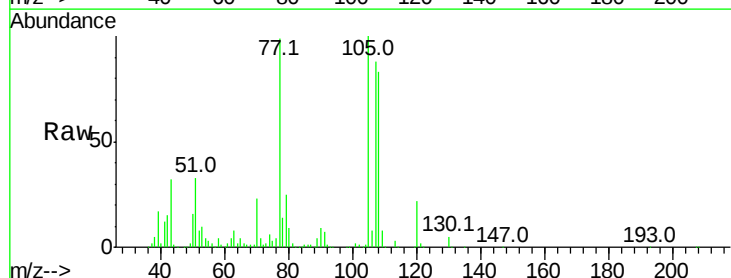
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

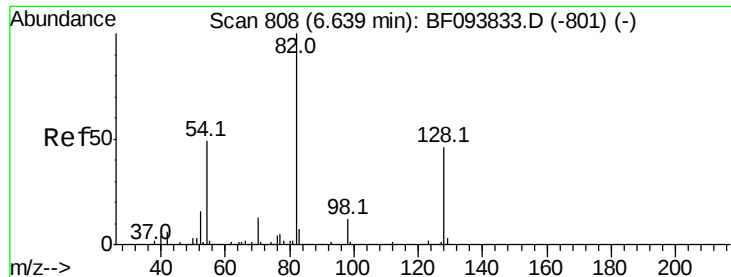
Tot Ion:	136	Resp:	783684
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.8	4.9	7.3#
68	6.5	4.1	6.1#



#22
Acetophenone
Concen: 38.86 ng
RT: 6.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:	105	Resp:	678788
Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.8	4.2
51	33.3	30.7	46.1
120	21.7	17.4	26.0

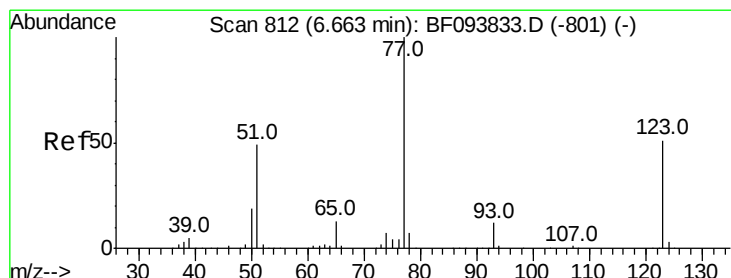
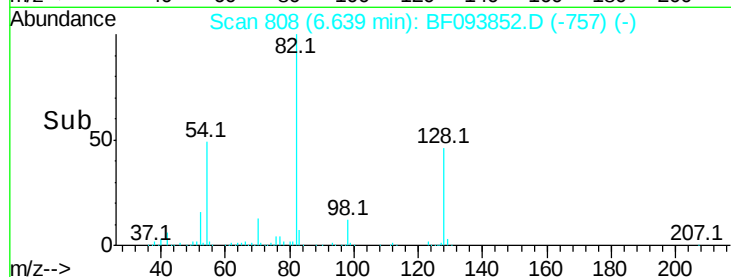
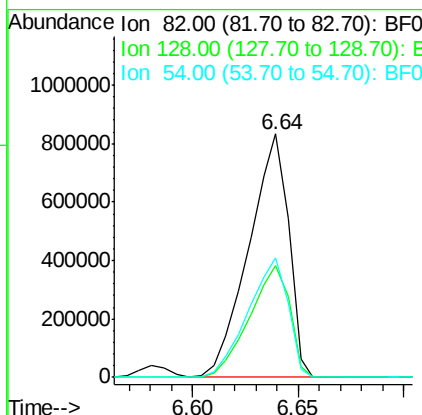
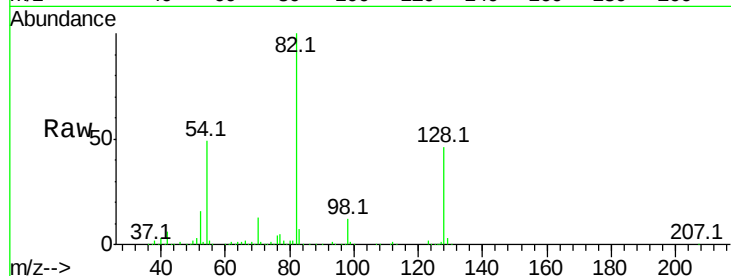




#23
Nitrobenzene-d5
Concen: 79.42 ng
RT: 6.64 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

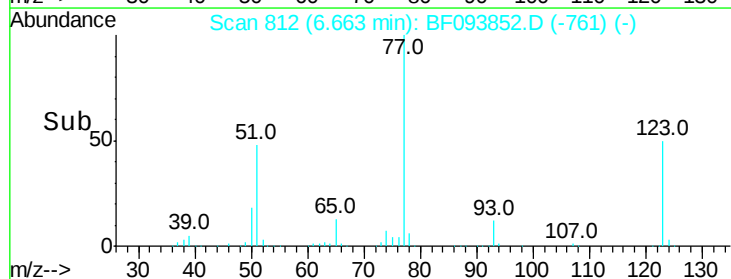
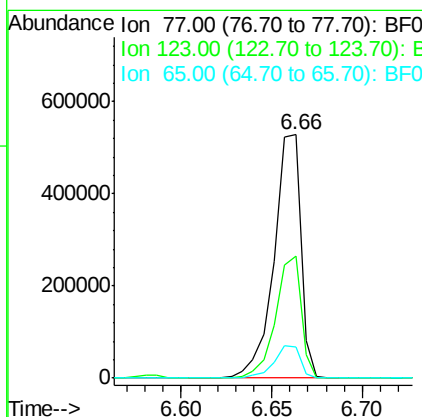
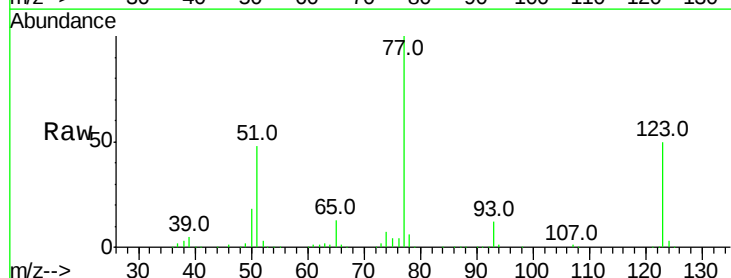
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

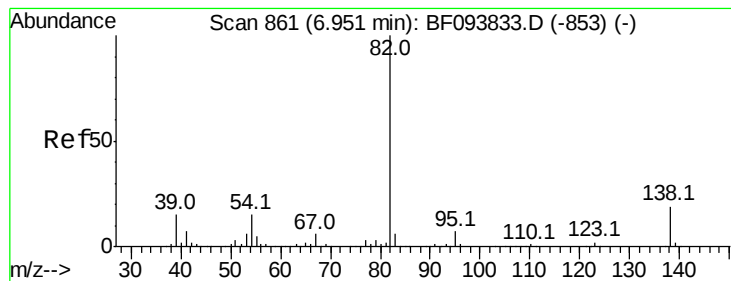
Tot Ion: 82 Resp: 1090607
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 49.1 42.2 63.2



#24
Nitrobenzene
Concen: 40.18 ng
RT: 6.66 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion: 77 Resp: 544126
Ion Ratio Lower Upper
77 100
123 50.2 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 40.09 ng

RT: 6.95 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

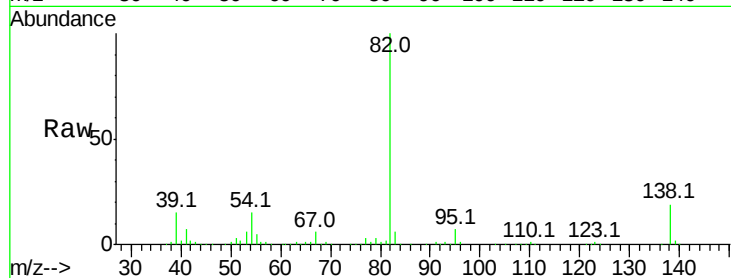
Tot Ion: 82 Resp: 967406

Ion Ratio Lower Upper

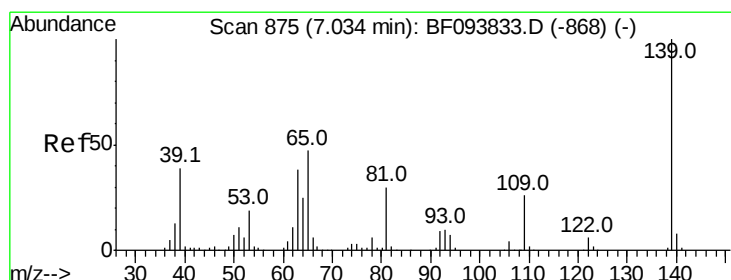
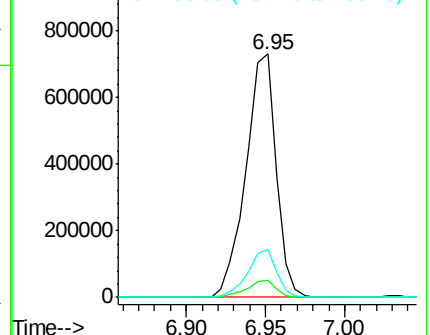
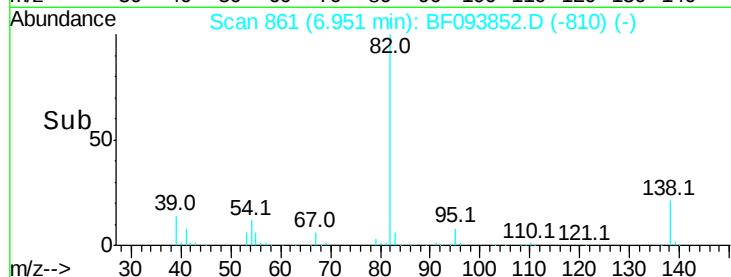
82 100

95 7.1 5.3 7.9

138 19.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.46 ng

RT: 7.03 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

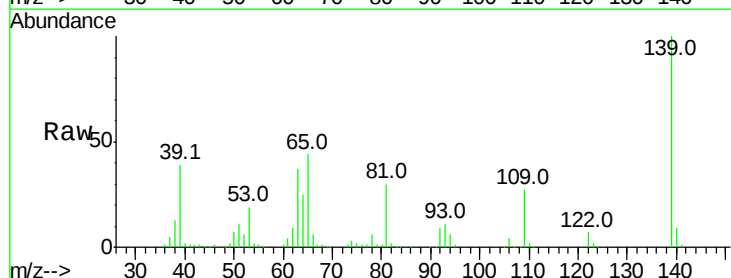
Tgt Ion: 139 Resp: 267786

Ion Ratio Lower Upper

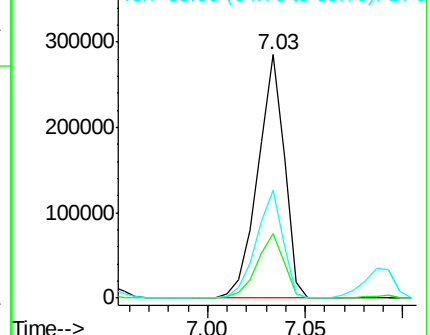
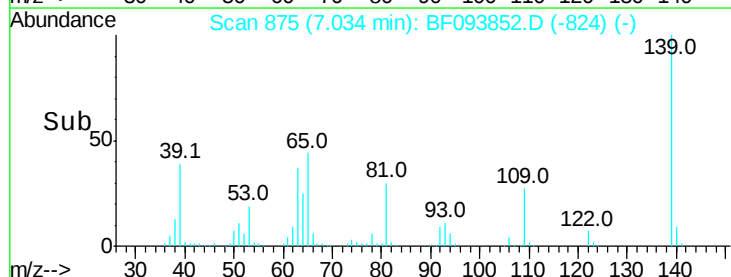
139 100

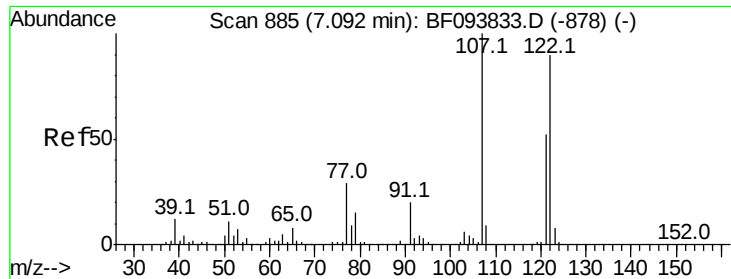
109 26.6 21.0 31.6

65 44.2 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 40.00 ng

RT: 7.09 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

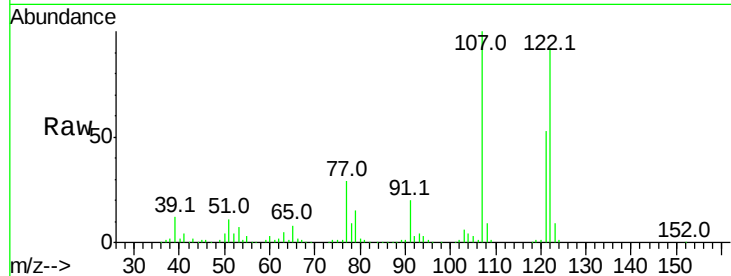
Tot Ion:122 Resp: 445132

Ion Ratio Lower Upper

122 100

107 109.3 89.2 133.8

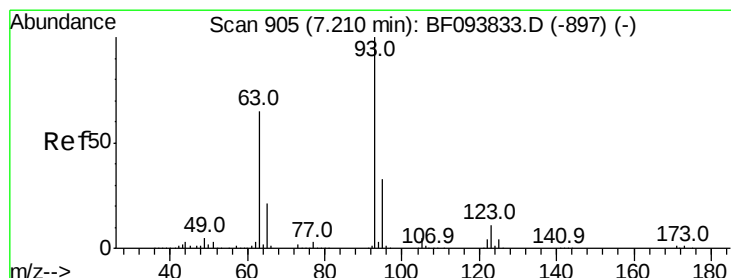
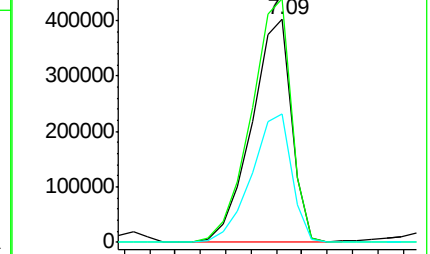
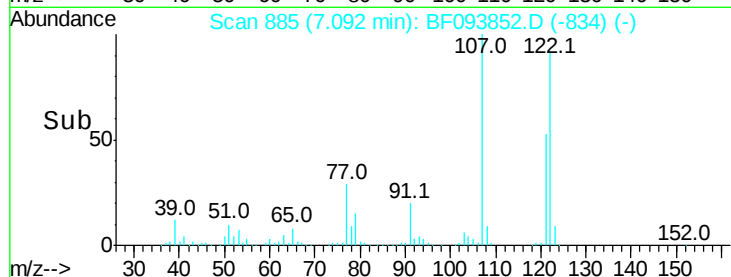
121 57.5 45.2 67.8



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: 39.96 ng

RT: 7.21 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

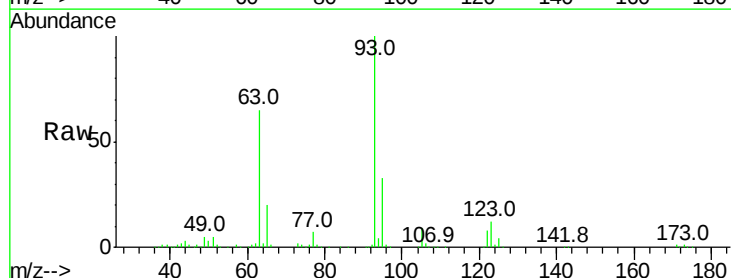
Tgt Ion: 93 Resp: 635849

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

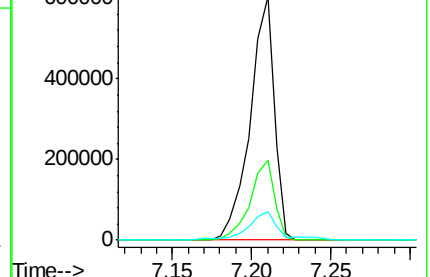
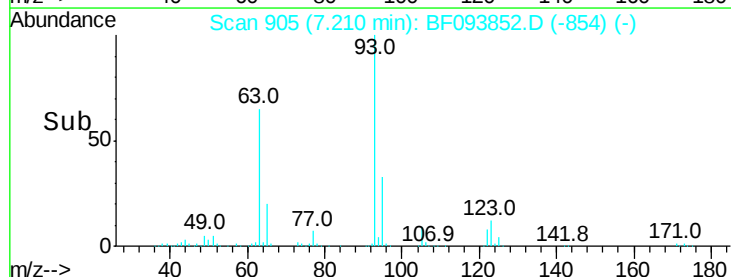
123 11.5 9.0 13.4

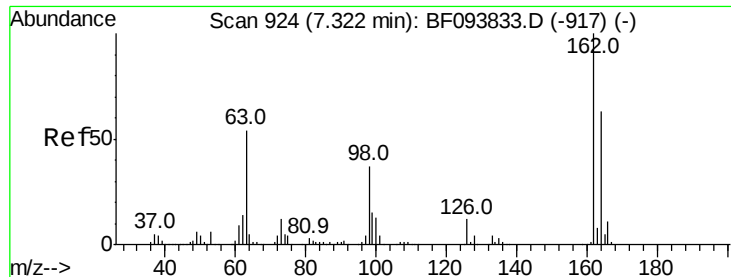


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

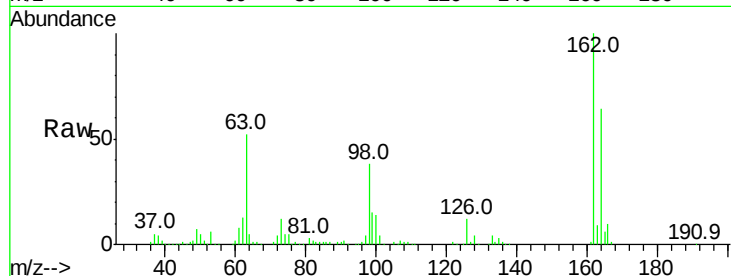




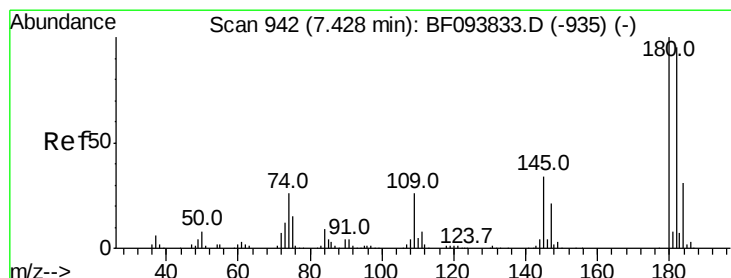
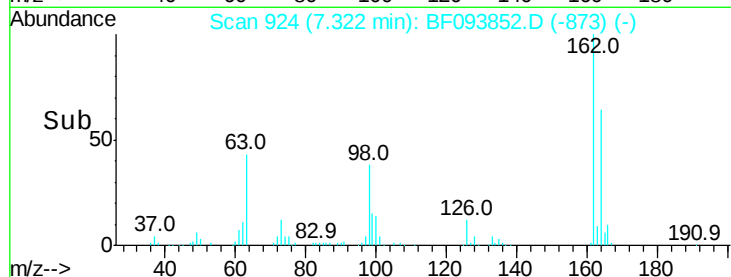
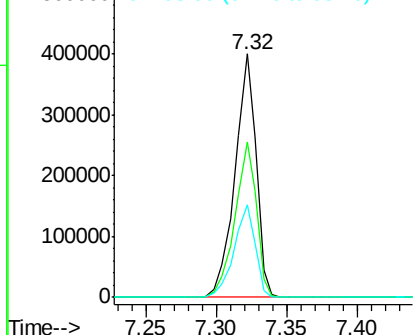
#29
 2,4-Dichlorophenol
 Concen: 40.11 ng
 RT: 7.32 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	38.1	14.8	54.8

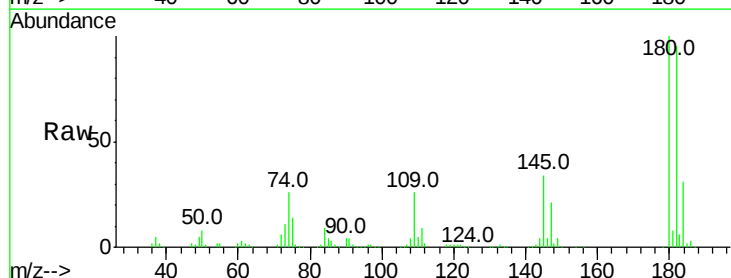


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

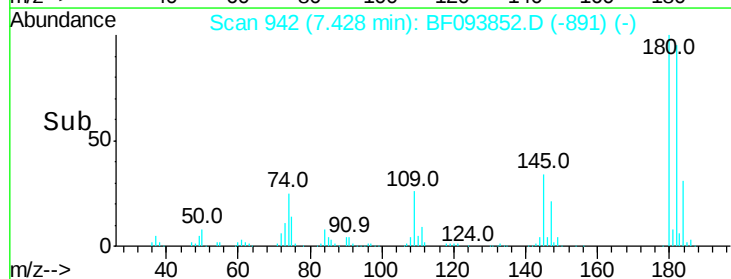
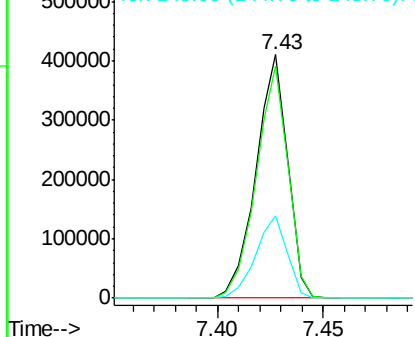


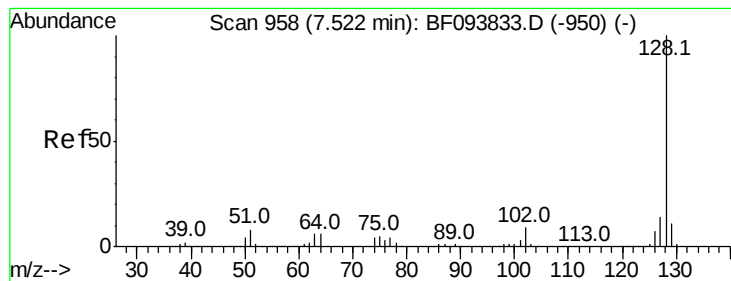
#30
 1,2,4-Trichlorobenzene
 Concen: 39.97 ng
 RT: 7.43 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	34.0	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: 39.58 ng

RT: 7.52 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

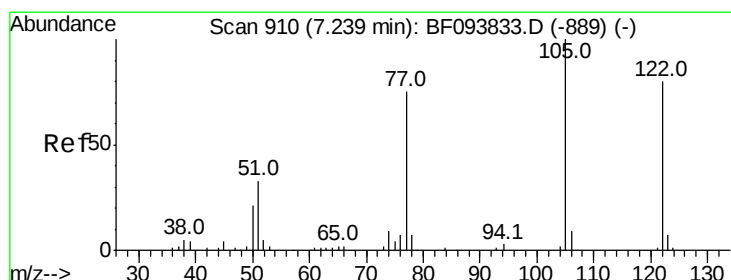
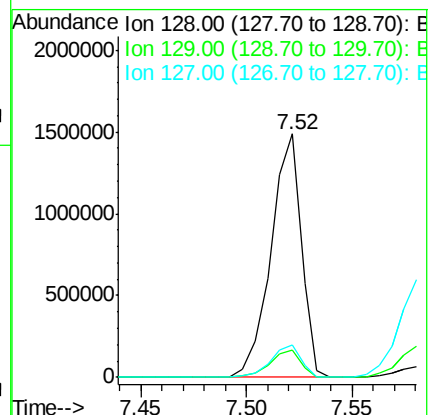
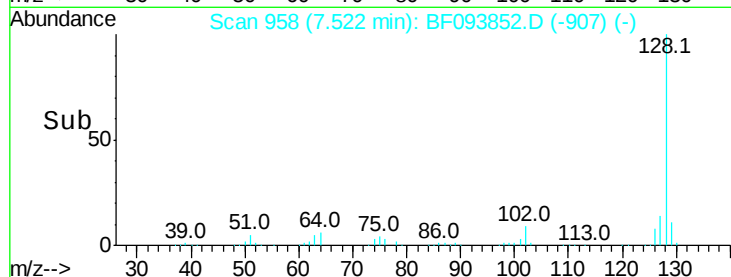
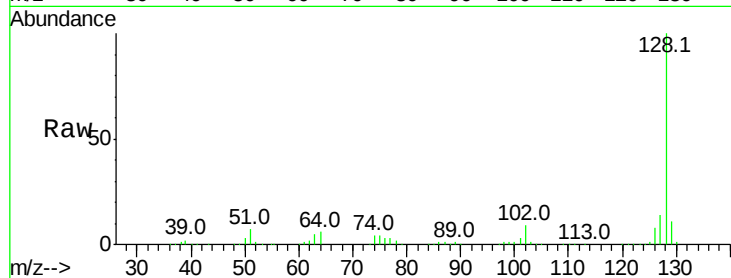
Tot Ion:128 Resp: 1491330

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 41.92 ng

RT: 7.24 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

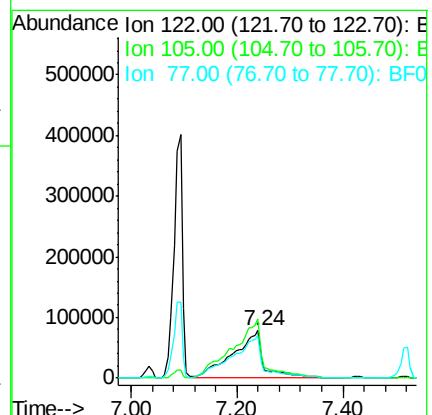
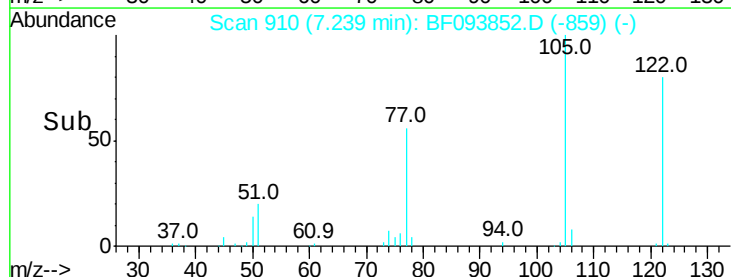
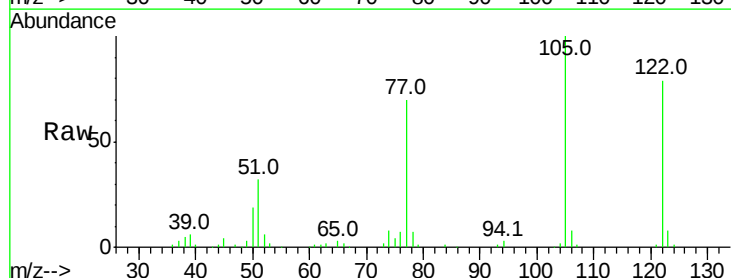
Tgt Ion:122 Resp: 310539

Ion Ratio Lower Upper

122 100

105 126.8 103.3 143.3

77 89.4 73.7 113.7





#33

4-Chloroaniline

Concen: 39.58 ng

RT: 7.58 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 604513

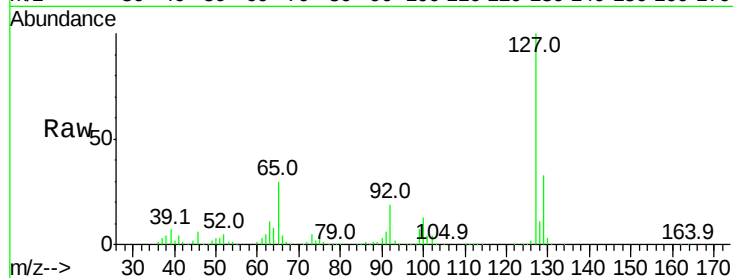
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.2

65 29.7 27.8 41.8

92 18.7 16.8 25.2

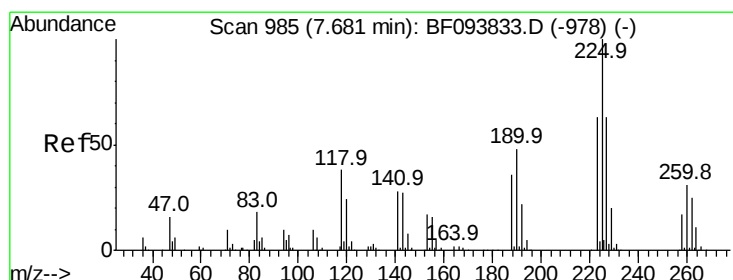
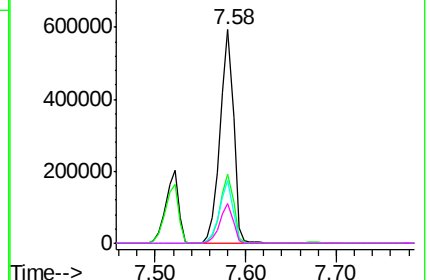
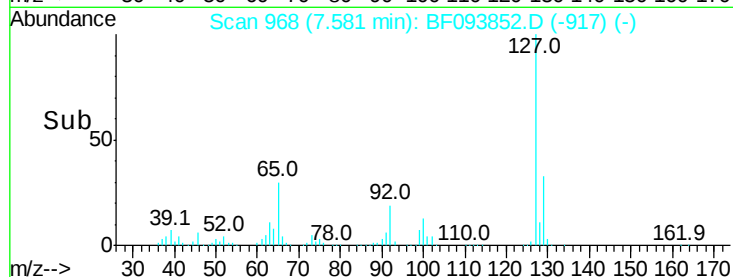


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.63 ng

RT: 7.68 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

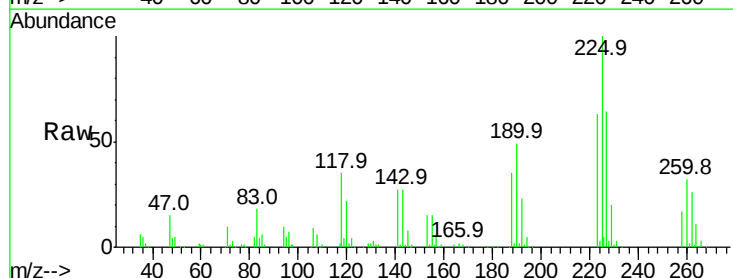
Tgt Ion:225 Resp: 217803

Ion Ratio Lower Upper

225 100

223 63.0 48.8 73.2

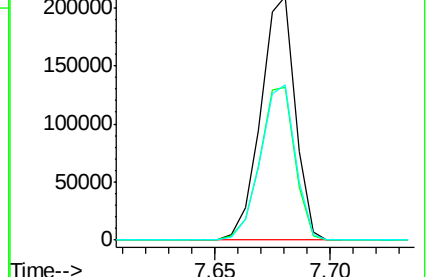
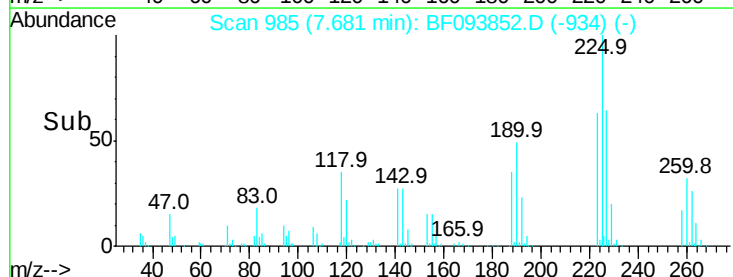
227 63.9 51.1 76.7

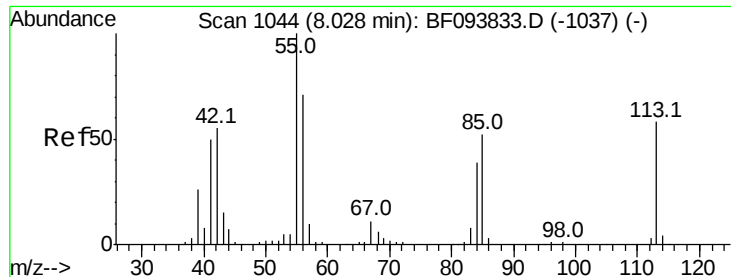


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

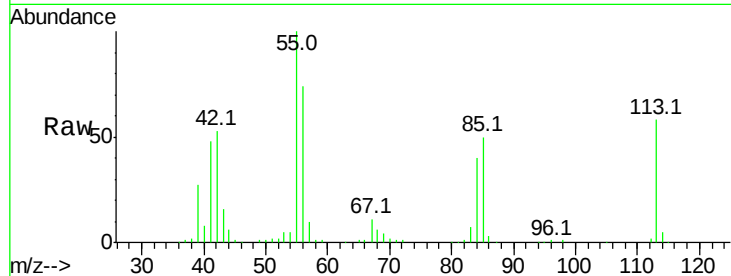




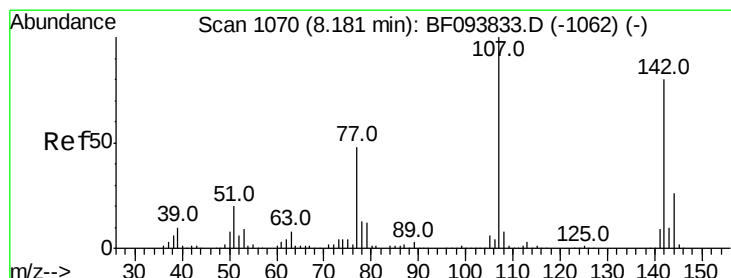
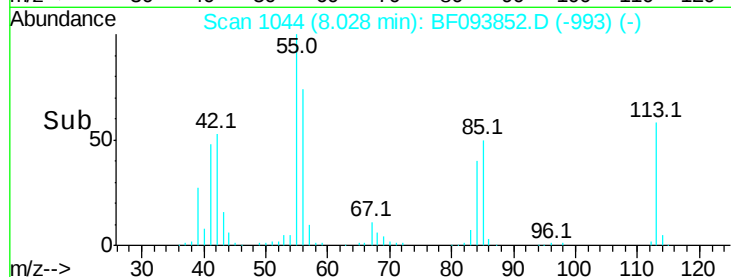
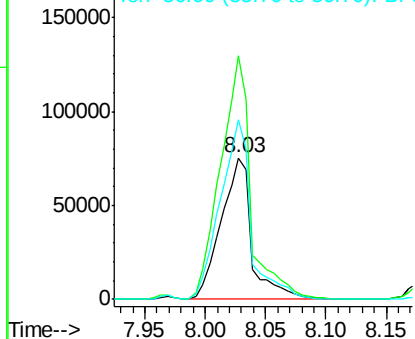
#35
Caprolactam
Concen: 40.09 ng
RT: 8.03 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 133041
Ion Ratio Lower Upper
113 100
55 172.1 150.2 190.2
56 127.1 107.8 147.8

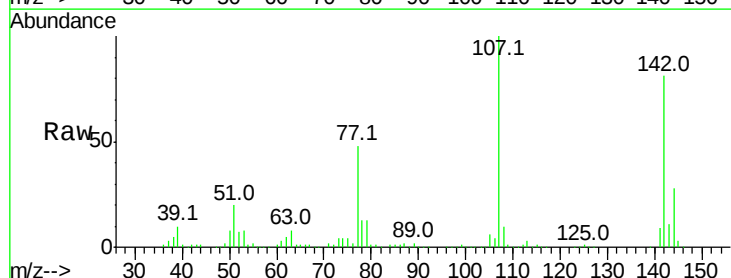


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

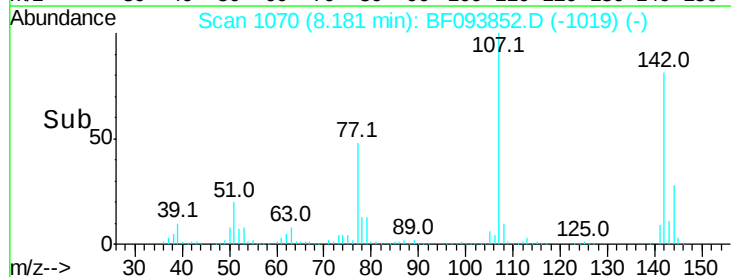
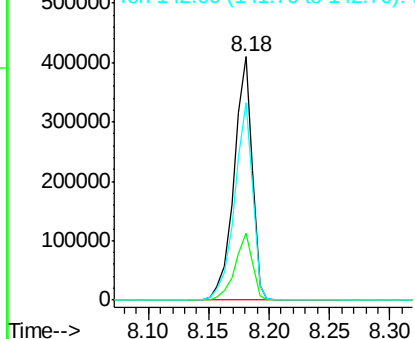


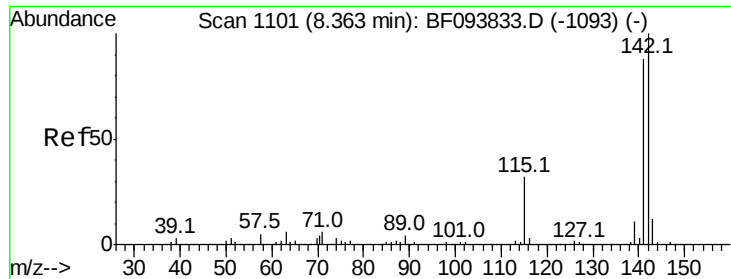
#36
4-Chloro-3-methylphenol
Concen: 39.75 ng
RT: 8.18 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:107 Resp: 432166
Ion Ratio Lower Upper
107 100
144 27.6 24.2 36.4
142 81.4 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

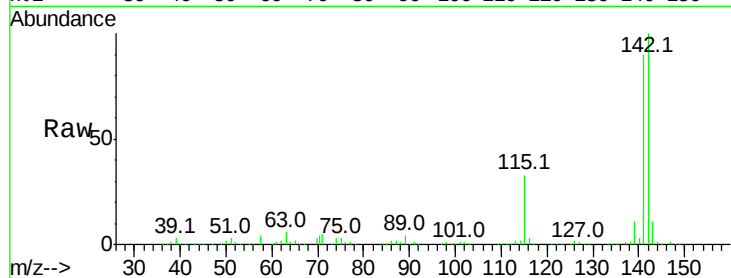




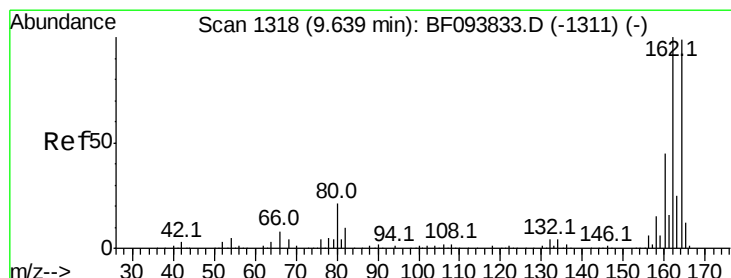
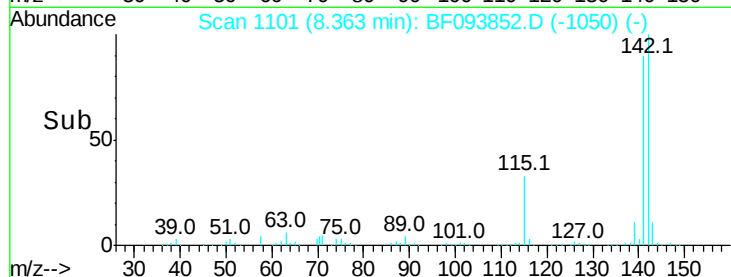
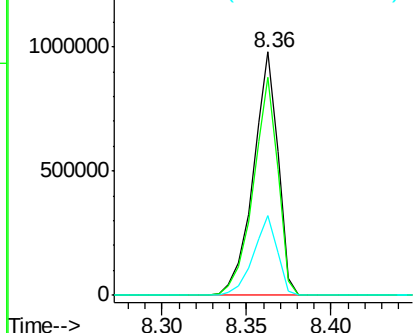
#37
2-Methylnaphthalene
Concen: 39.81 ng
RT: 8.36 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1000068
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9
115 32.5 27.1 40.7

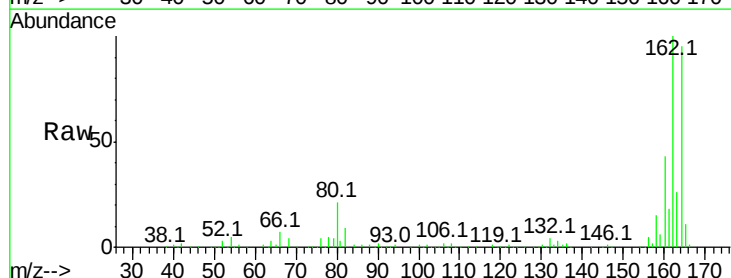


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

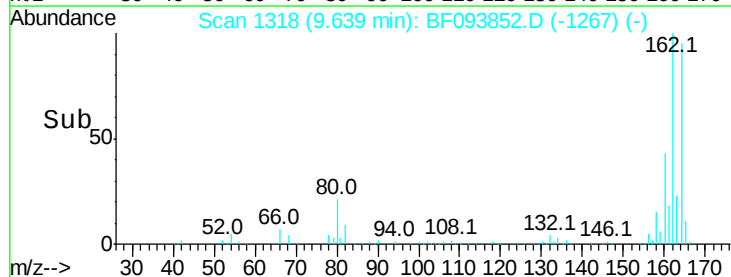
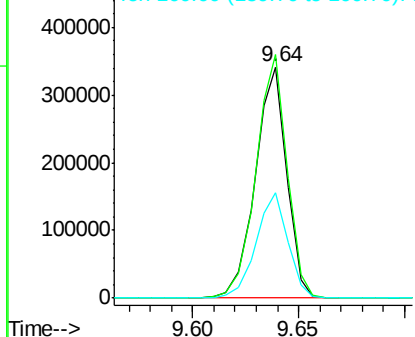


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:164 Resp: 352084
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 45.4 36.2 54.2



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

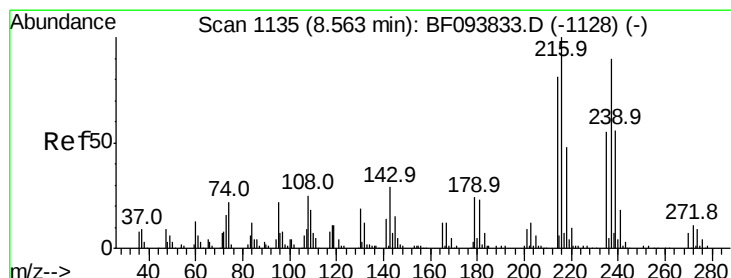
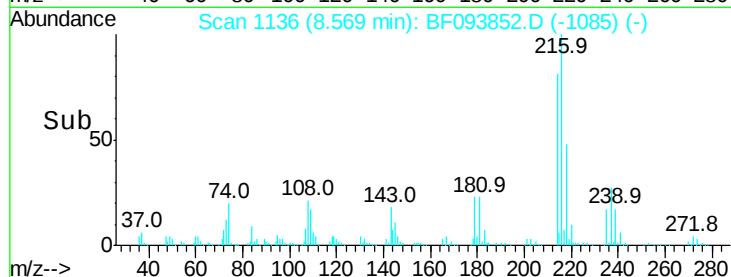
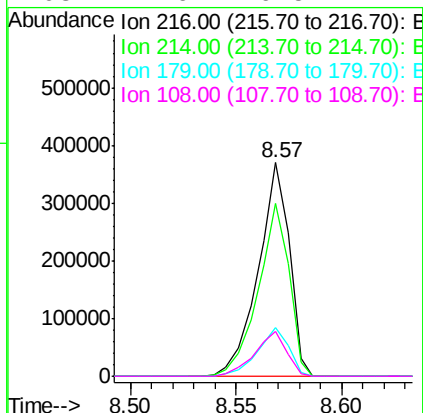
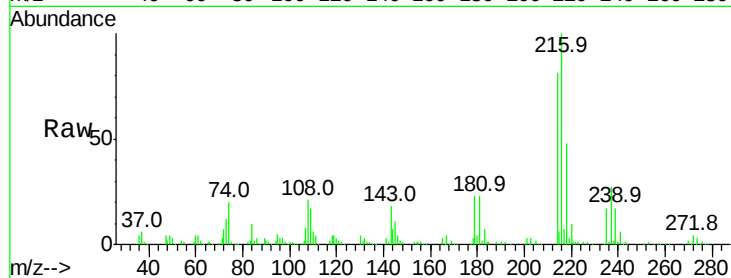




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.31 ng
 RT: 8.57 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

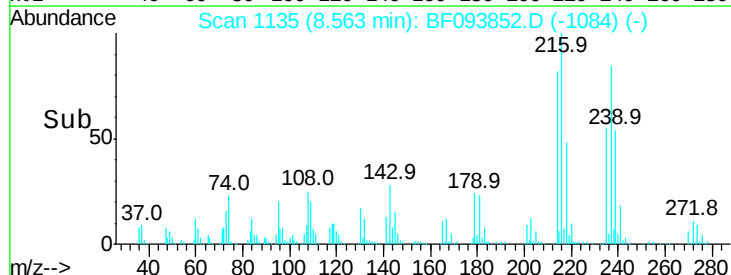
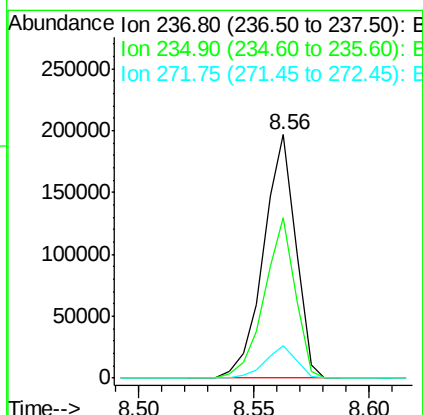
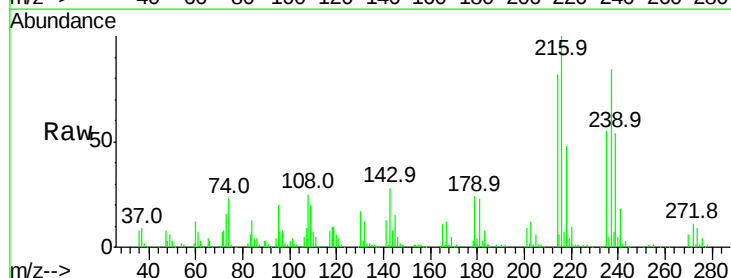
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

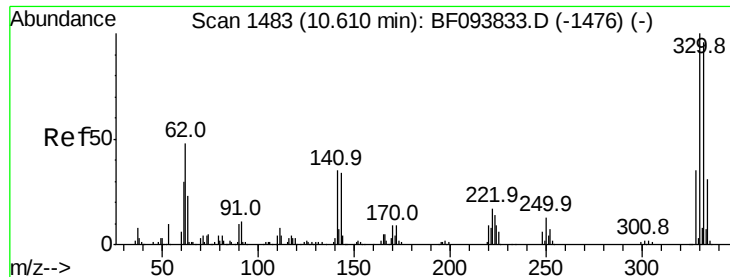
Tot Ion:	216	Resp:	378665
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.2
179	22.7	17.9	26.9
108	21.6	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 42.23 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Tgt Ion:	237	Resp:	190354
Ion	Ratio	Lower	Upper
237	100		
235	65.7	42.6	82.6
272	13.3	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 80.24 ng

RT: 10.61 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

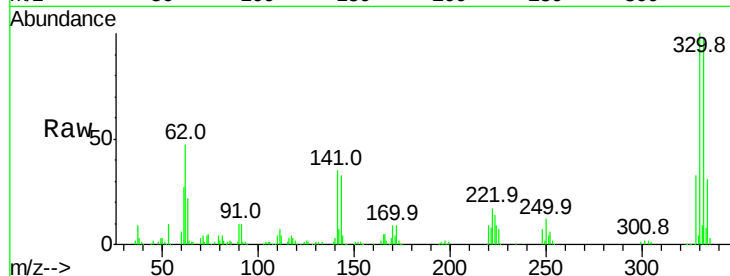
Tot Ion:330 Resp: 223240

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

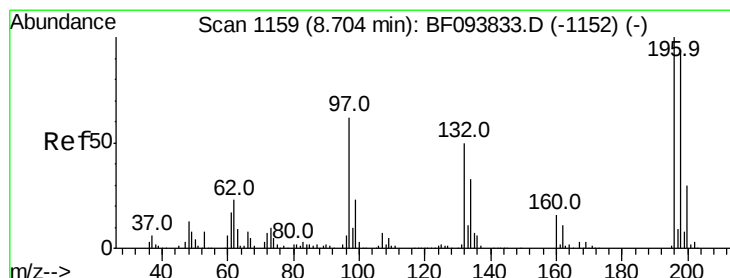
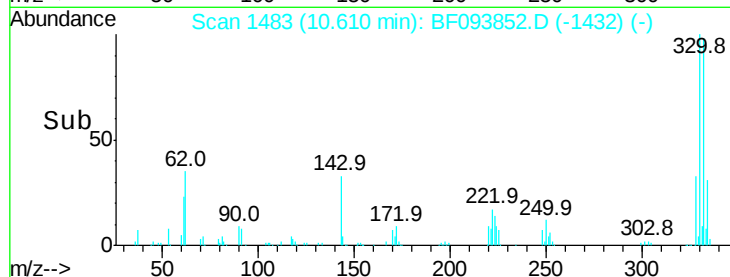
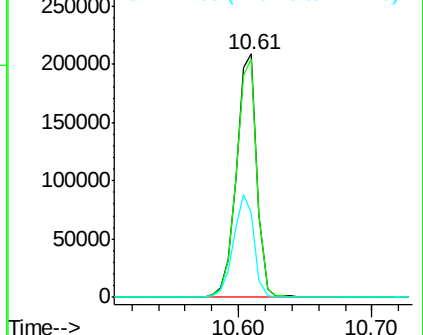
141 42.4 31.4 47.2



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: 40.31 ng

RT: 8.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

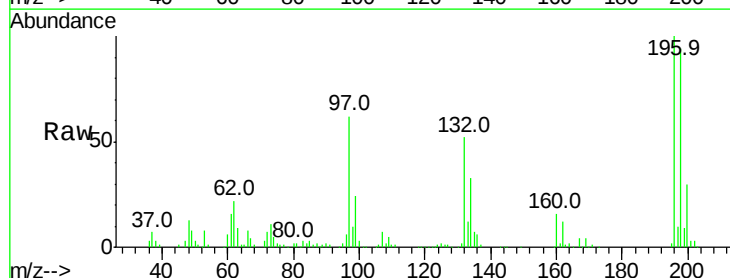
Tgt Ion:196 Resp: 274708

Ion Ratio Lower Upper

196 100

198 93.8 74.2 111.4

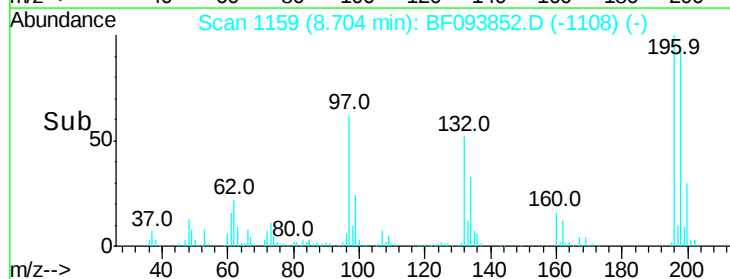
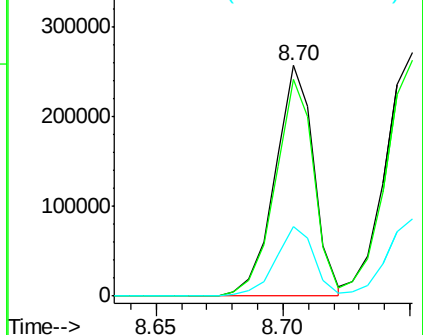
200 30.4 24.0 36.0

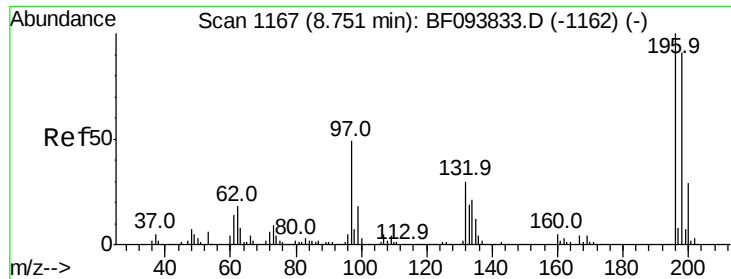


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

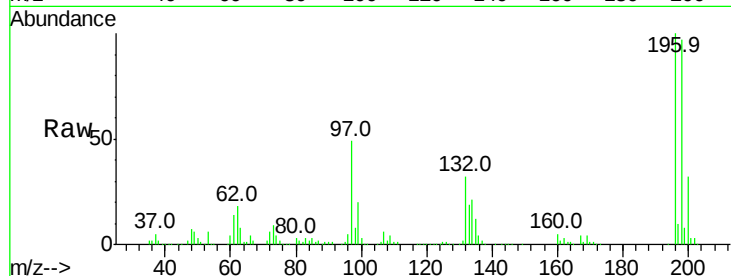




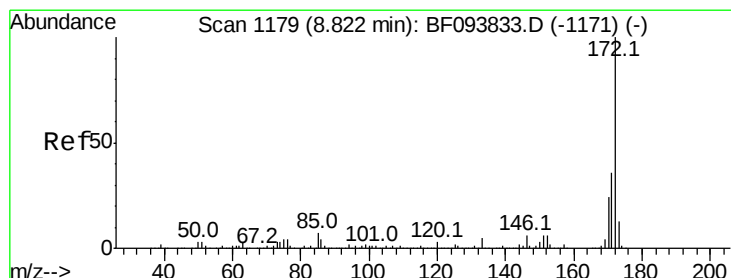
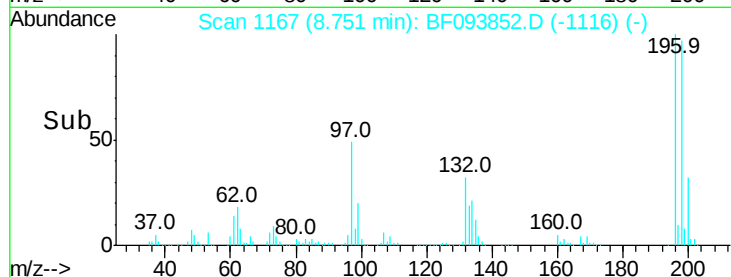
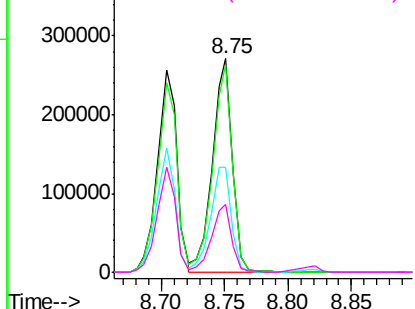
#43
 2,4,5-Trichlorophenol
 Concen: 40.73 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	300339
Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.7	113.5
97	49.0	47.7	71.5
132	31.8	28.0	42.0

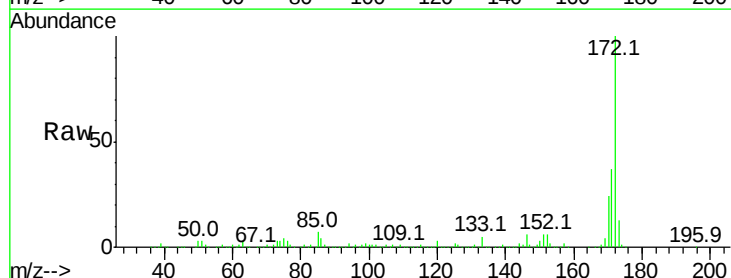


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

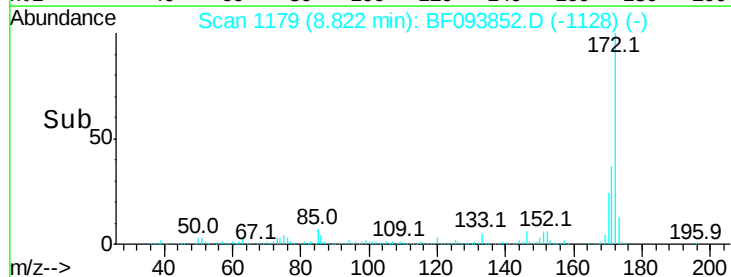
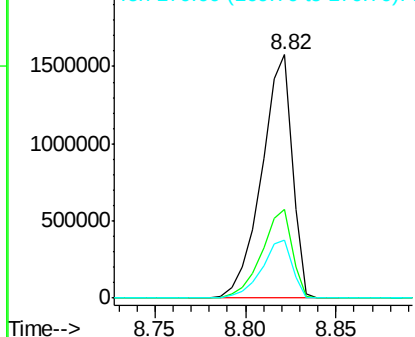


#44
 2-Fluorobiphenyl
 Concen: 79.90 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Tgt Ion:	172	Resp:	1844440
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	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

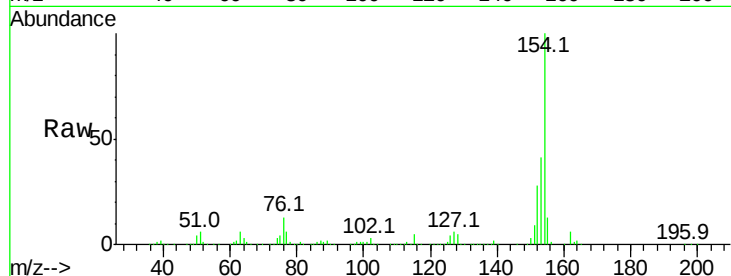




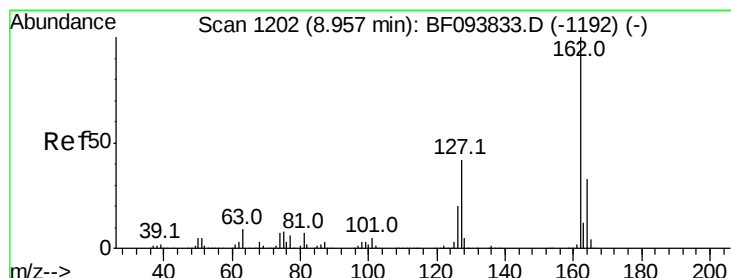
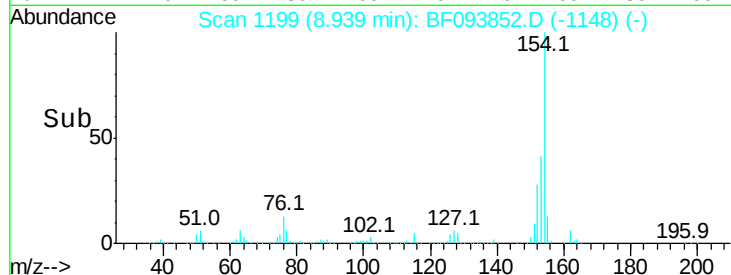
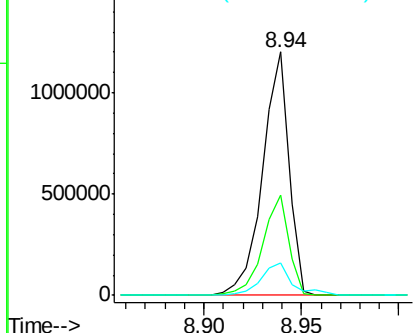
#45
1,1'-Biphenyl
Concen: 39.52 ng
RT: 8.94 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 1122236
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 13.3 0.0 29.9

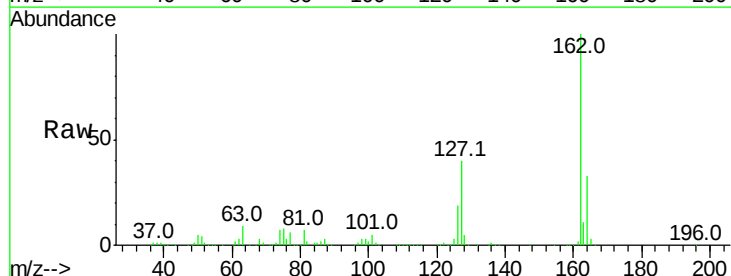


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

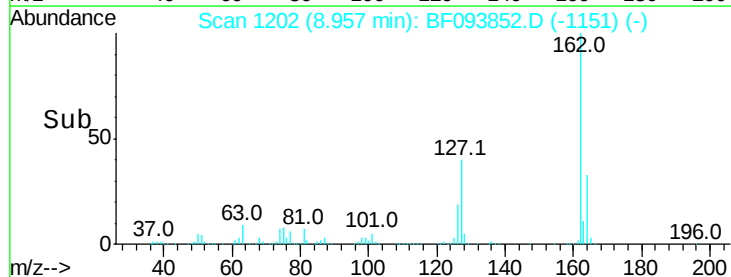
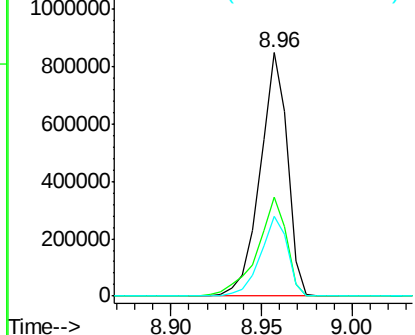


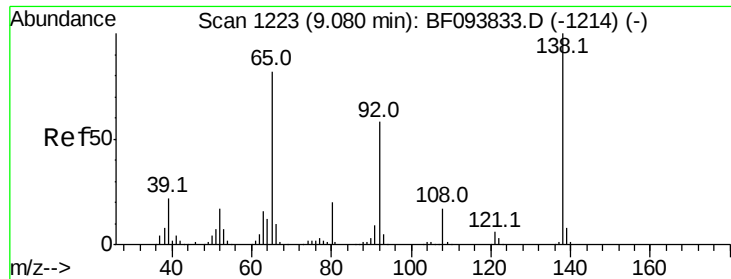
#46
2-Chloronaphthalene
Concen: 39.78 ng
RT: 8.96 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:162 Resp: 884214
Ion Ratio Lower Upper
162 100
127 40.4 28.3 42.5
164 32.9 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

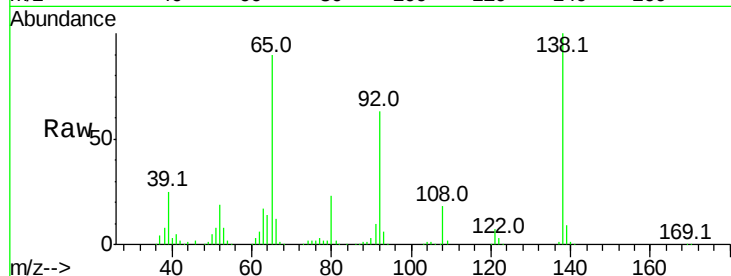




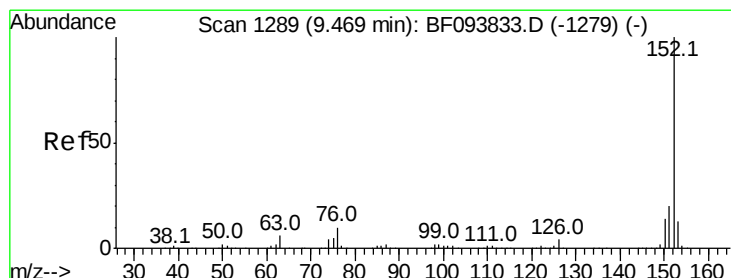
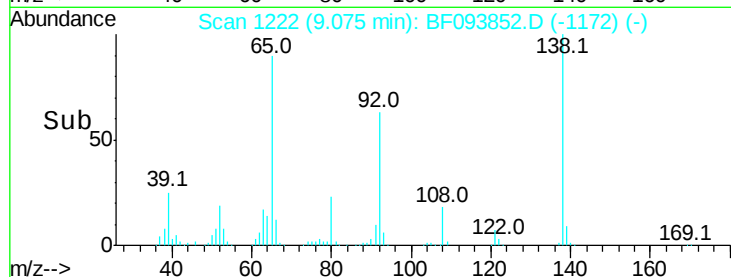
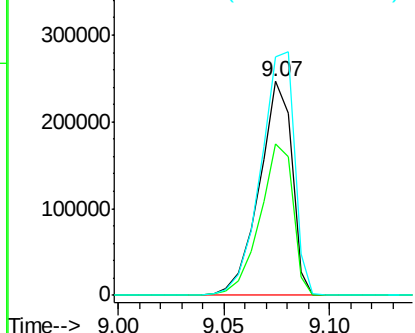
#47
2-Nitroaniline
Concen: 40.32 ng
RT: 9.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 65 Resp: 265914
Ion Ratio Lower Upper
65 100
92 70.7 53.9 80.9
138 111.7 78.8 118.2

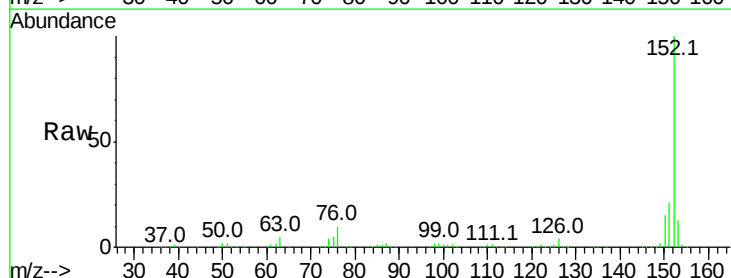


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

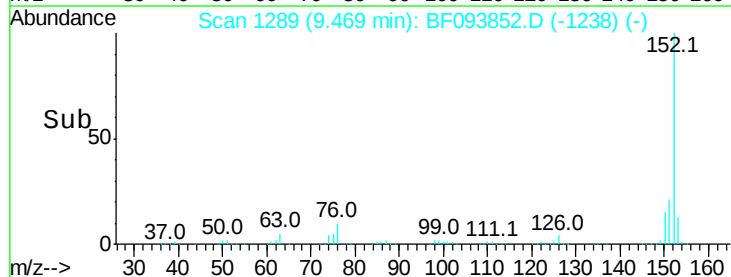
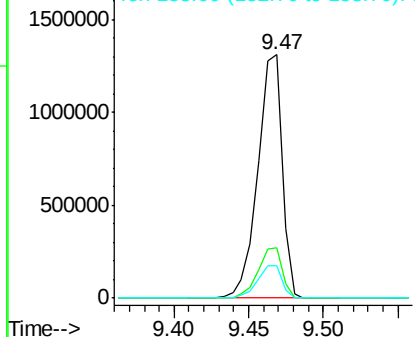


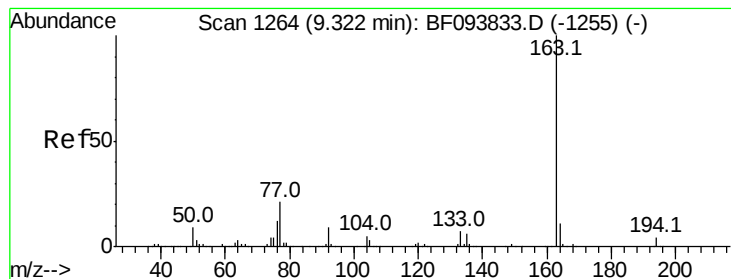
#48
Acenaphthylene
Concen: 39.69 ng
RT: 9.47 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:152 Resp: 1466481
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.3 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: 40.12 ng

RT: 9.32 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

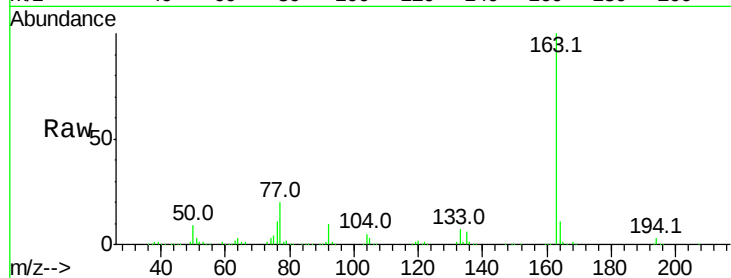
Tot Ion:163 Resp: 1004185

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

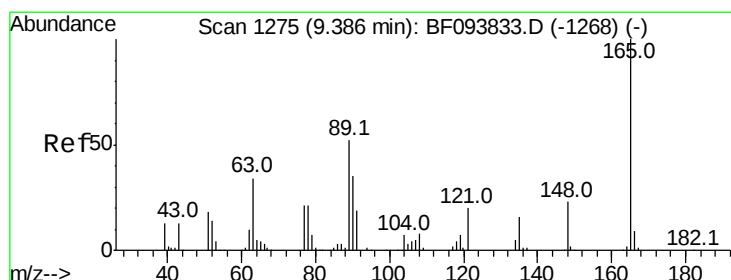
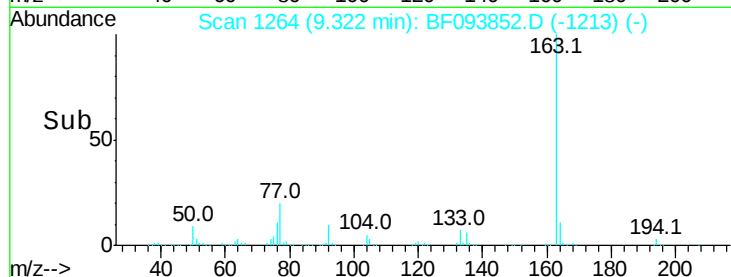
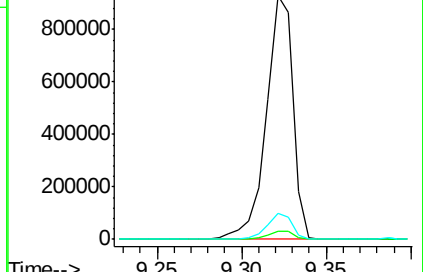
164 10.6 8.4 12.6



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: 40.79 ng

RT: 9.39 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

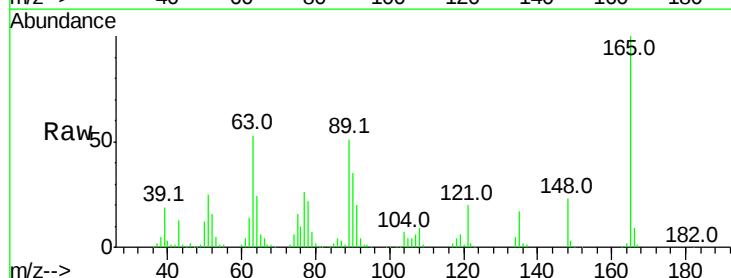
Tgt Ion:165 Resp: 234017

Ion Ratio Lower Upper

165 100

63 52.7 34.3 51.5#

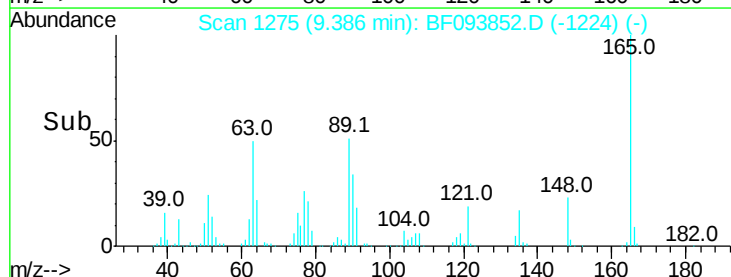
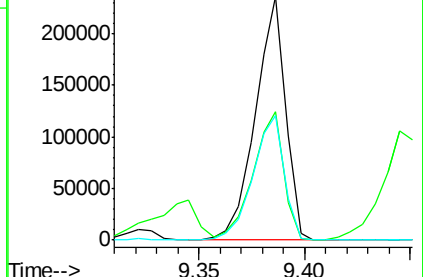
89 51.4 37.1 55.7

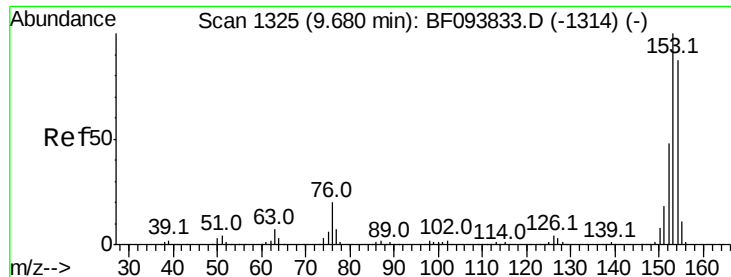


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.27 ng

RT: 9.68 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

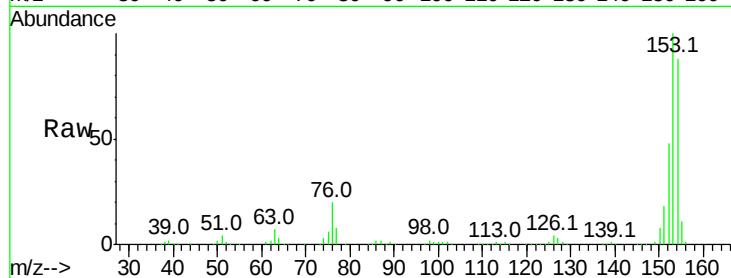
Tot Ion:154 Resp: 846512

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

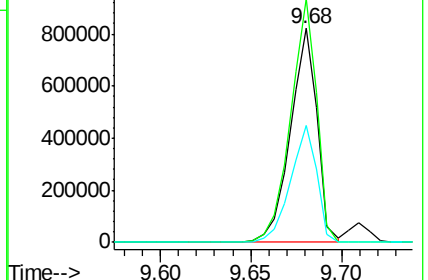
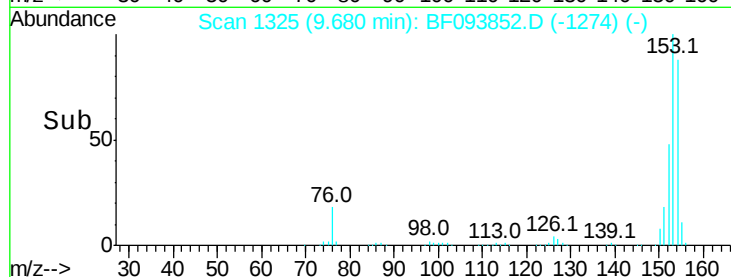
152 54.5 43.6 65.4



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: 39.60 ng

RT: 9.59 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

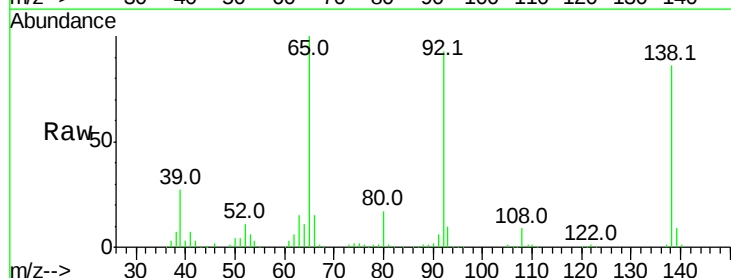
Tgt Ion:138 Resp: 266804

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

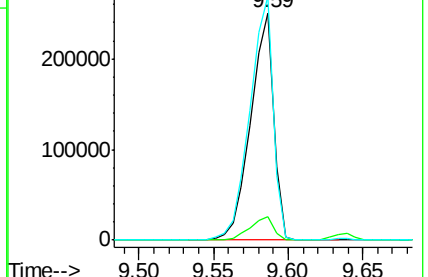
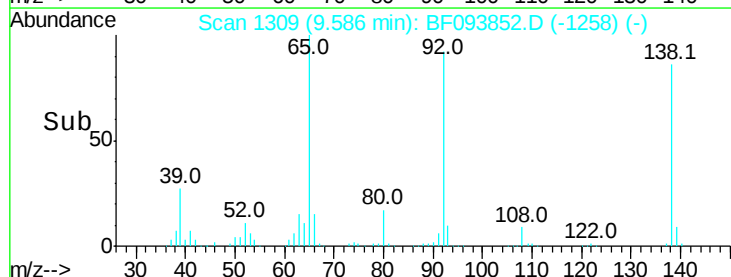
92 107.0 93.8 140.6



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

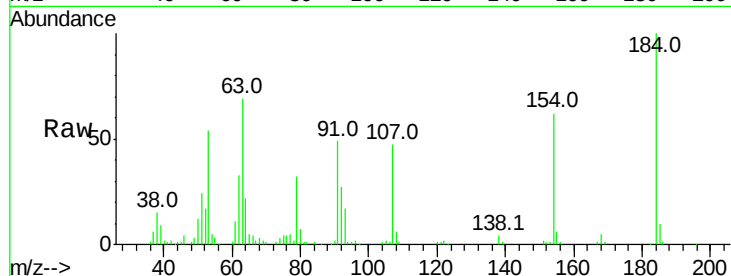




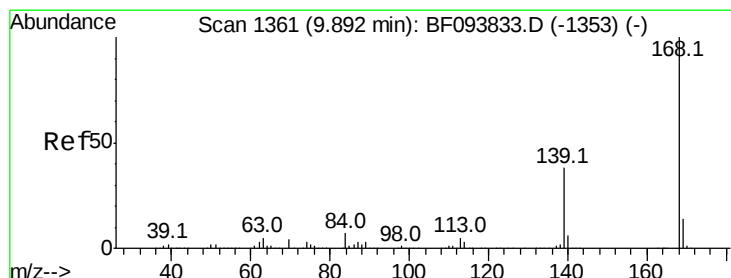
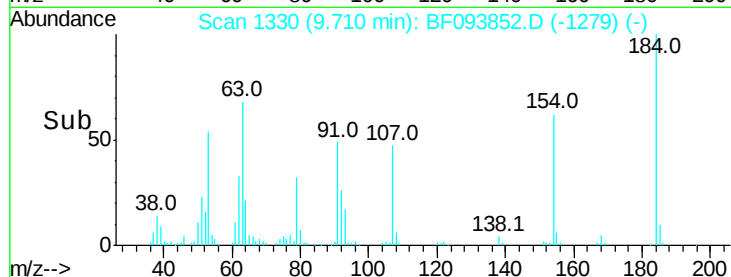
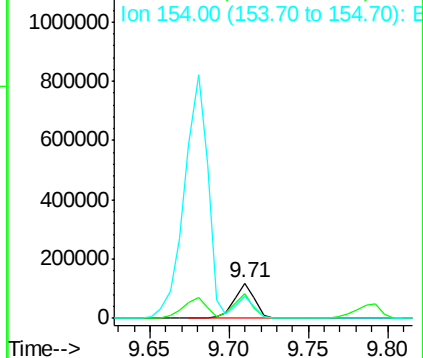
#53
2,4-Dinitrophenol
Concen: 37.59 ng
RT: 9.71 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 107337
Ion Ratio Lower Upper
184 100
63 69.2 62.7 94.1
154 62.0 81.1 121.7#

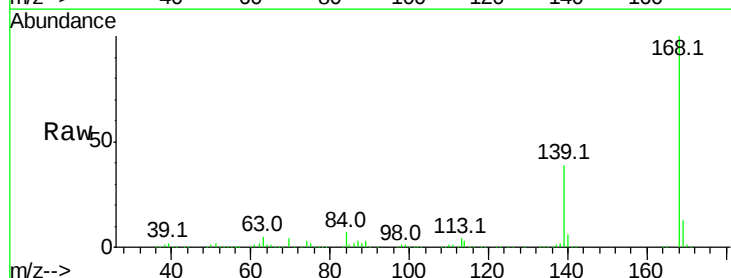


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

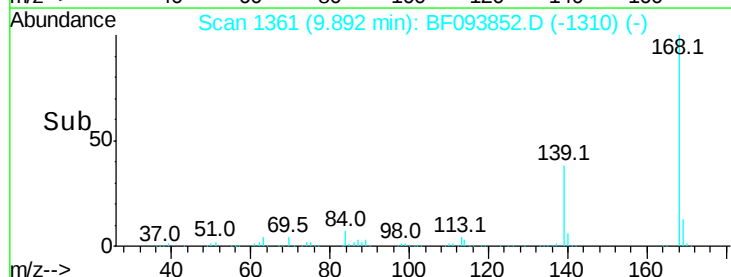
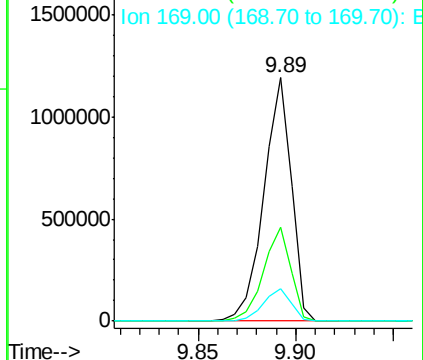


#54
Dibenzofuran
Concen: 39.65 ng
RT: 9.89 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:168 Resp: 1163495
Ion Ratio Lower Upper
168 100
139 38.6 30.6 45.8
169 13.5 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: 40.59 ng

RT: 9.79 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

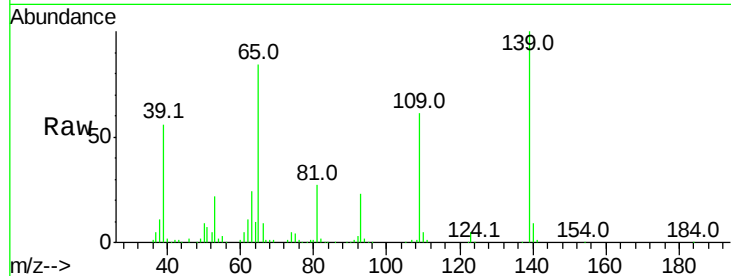
Tot Ion:139 Resp: 214154

Ion Ratio Lower Upper

139 100

109 60.6 34.1 74.1

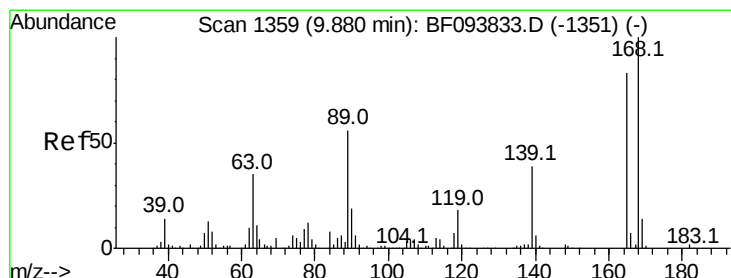
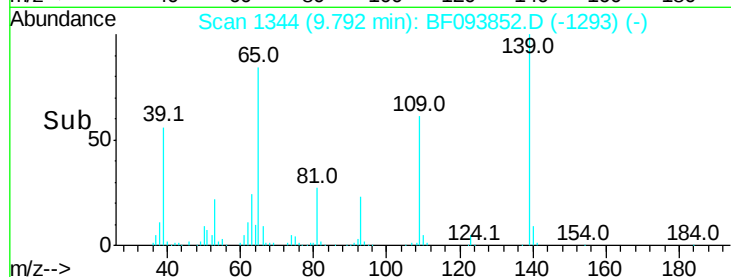
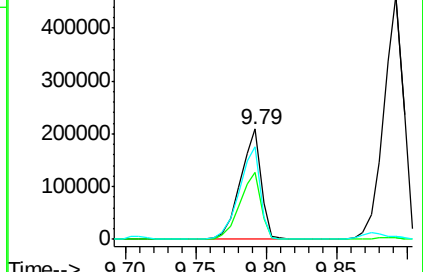
65 84.0 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.59 ng

RT: 9.87 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Tgt Ion:165 Resp: 299731

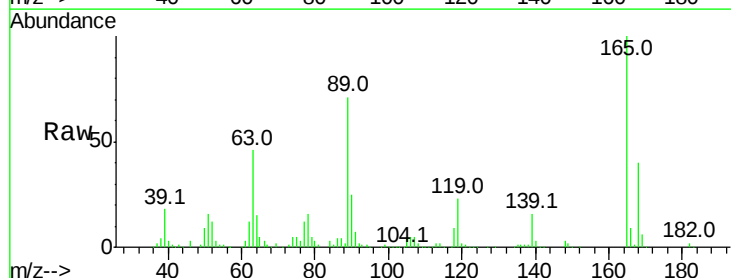
Ion Ratio Lower Upper

165 100

63 46.4 25.4 38.0#

89 71.3 46.4 69.6#

182 2.2 1.8 2.6

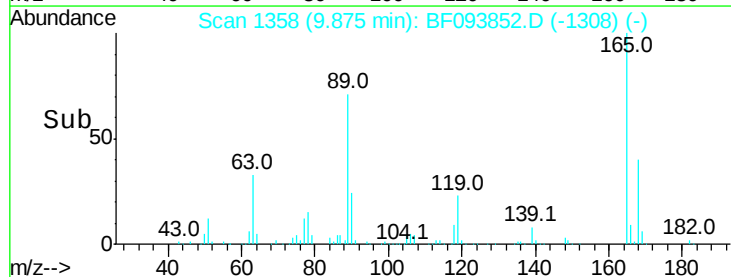
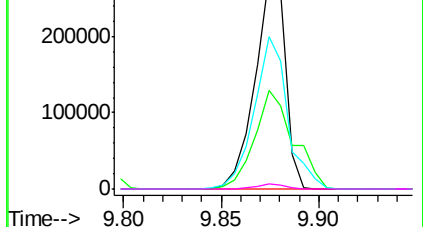


Abundance Ion 165.00 (164.70 to 165.70): E

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

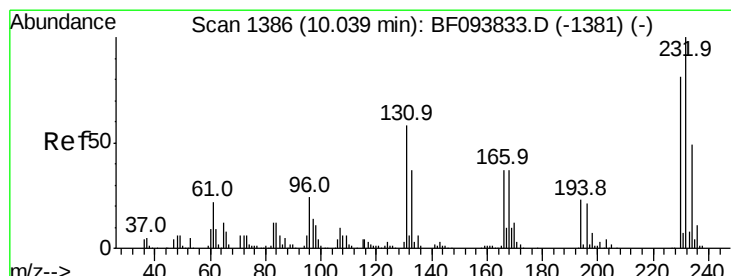
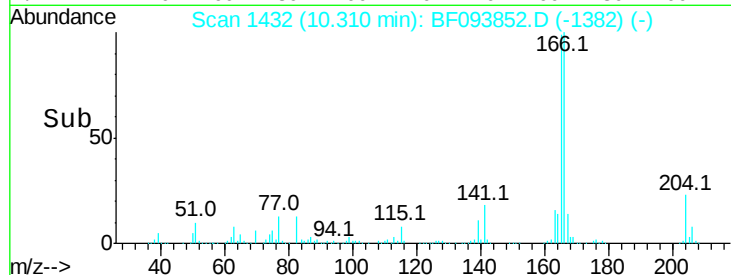
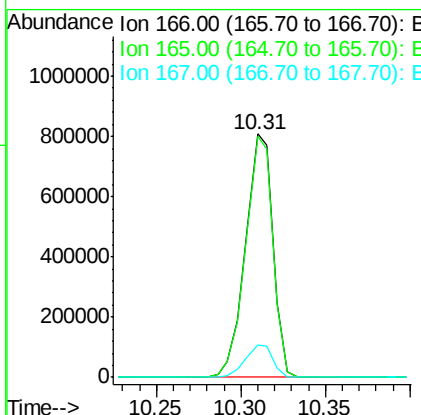
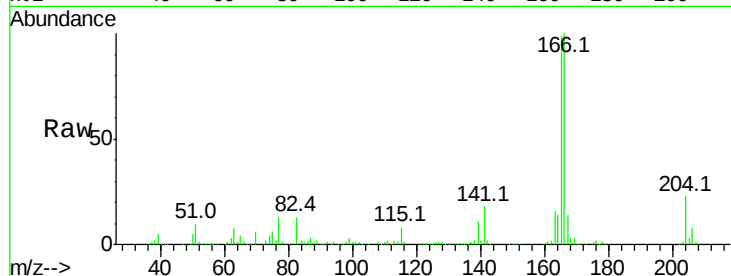




#57
 Fluorene
 Concen: 37.81 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

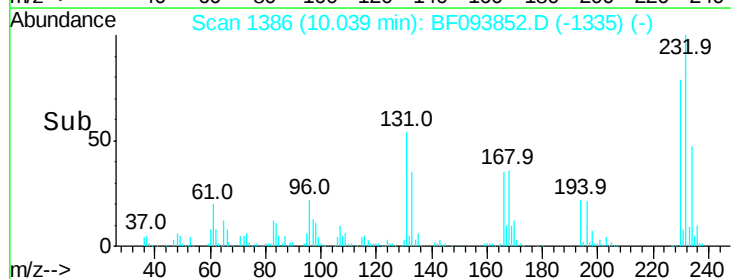
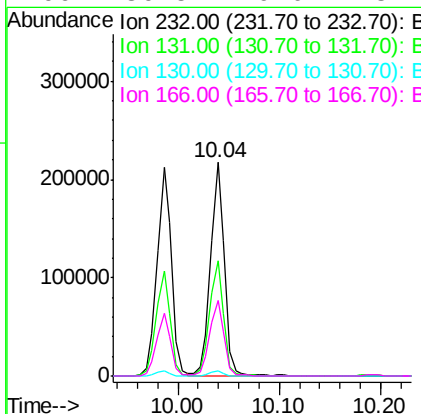
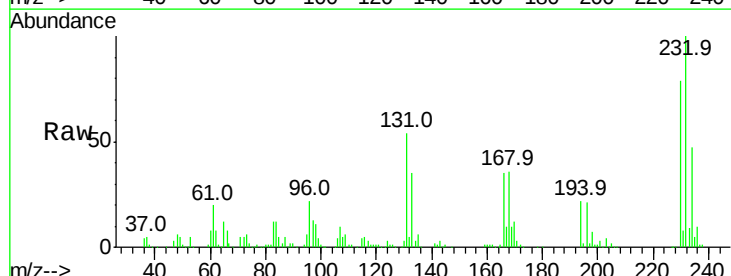
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

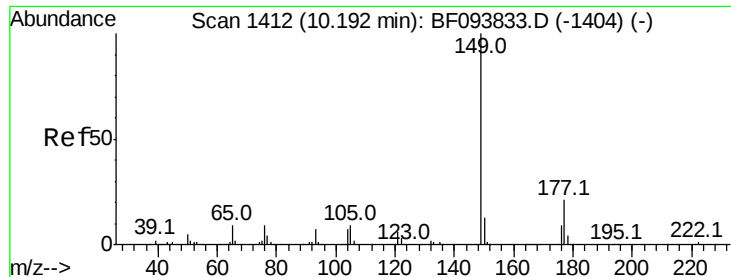
Tot Ion:166 Resp: 920082
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.91 ng
 RT: 10.04 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Tgt Ion:232 Resp: 206971
 Ion Ratio Lower Upper
 232 100
 131 55.3 44.8 67.2
 130 2.5 2.3 3.5
 166 36.5 29.0 43.4

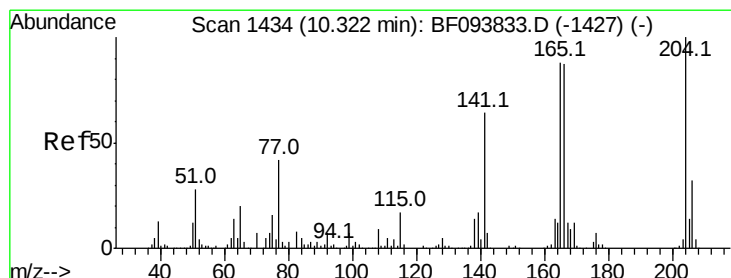
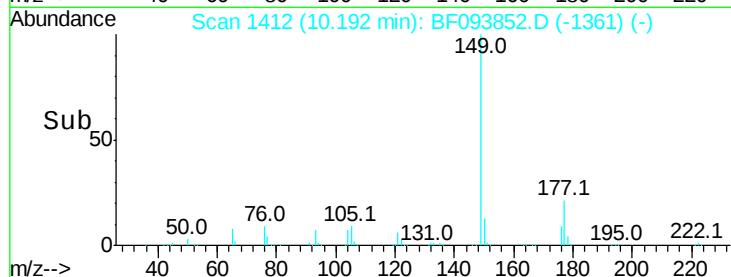
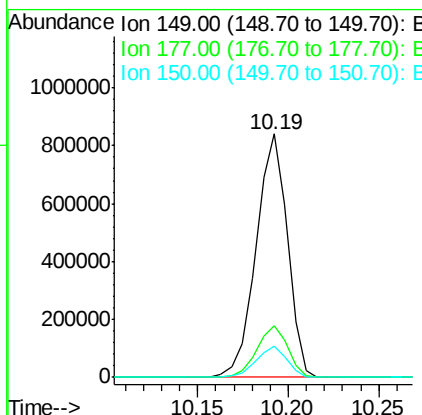
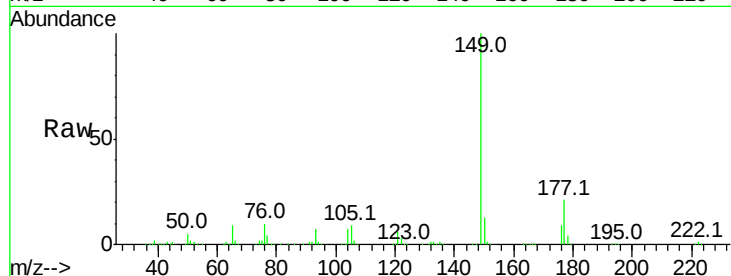




#59
Diethylphthalate
Concen: 40.70 ng
RT: 10.19 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

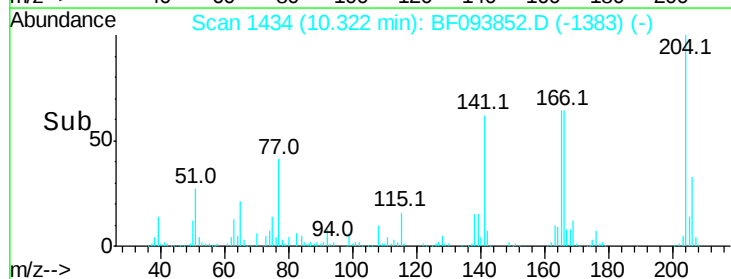
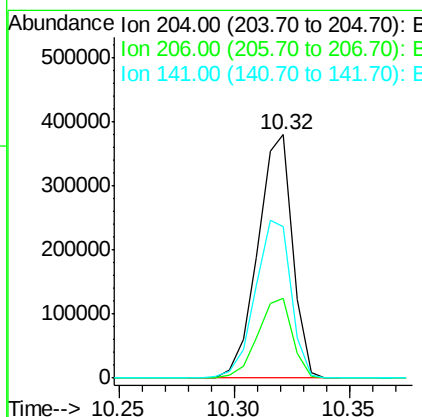
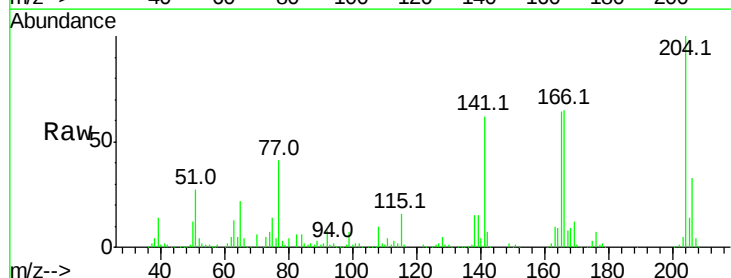
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:149 Resp: 1006819
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.29 ng
RT: 10.32 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:204 Resp: 396958
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 62.4 60.8 91.2

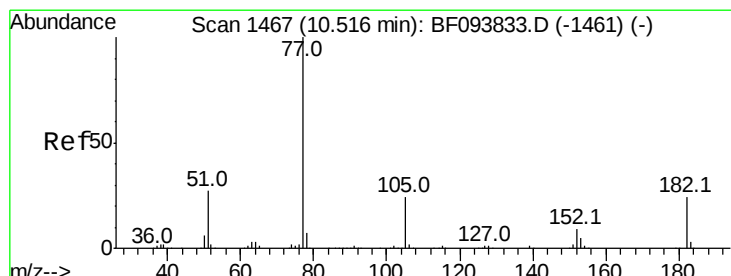
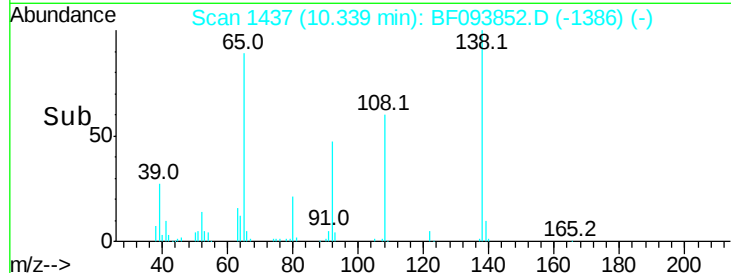
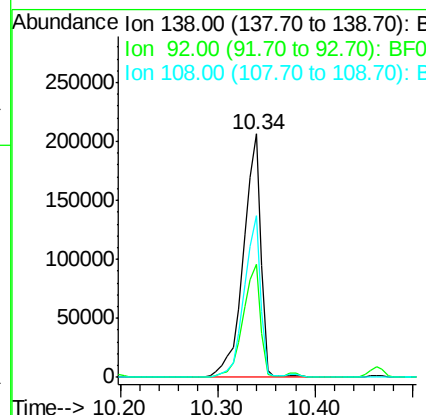
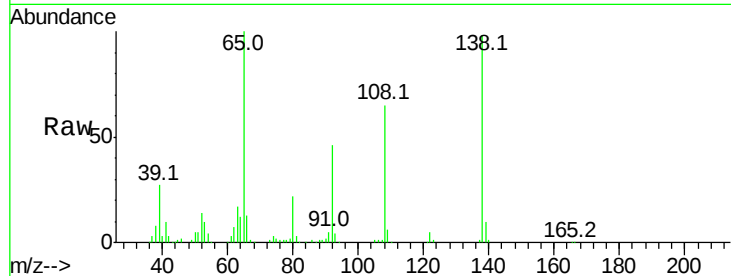




#61
4-Nitroaniline
Concen: 39.51 ng
RT: 10.34 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

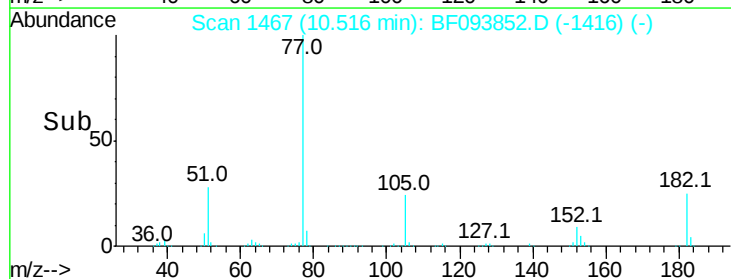
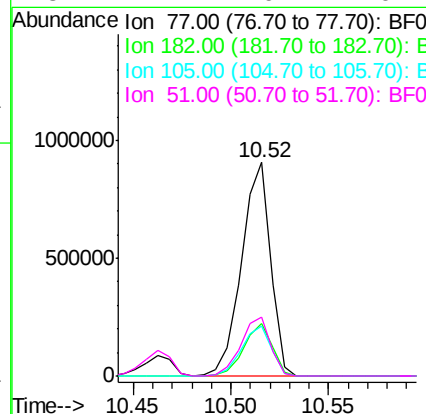
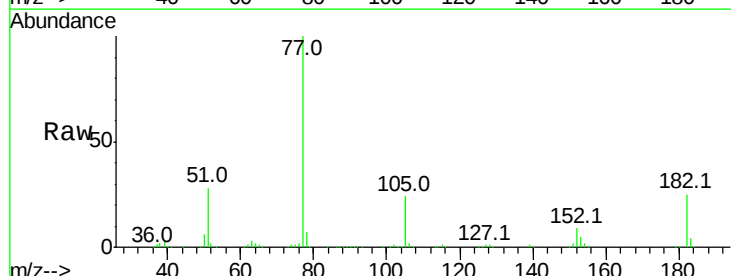
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

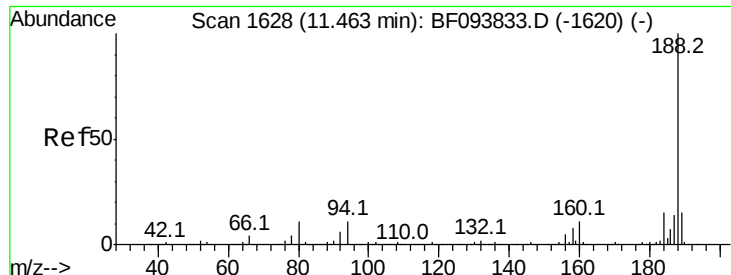
Tot Ion:138 Resp: 255449
Ion Ratio Lower Upper
138 100
92 46.6 21.8 61.8
108 66.2 42.3 82.3



#62
Azobenzene
Concen: 39.97 ng
RT: 10.52 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion: 77 Resp: 935340
Ion Ratio Lower Upper
77 100
182 24.9 0.1 40.1
105 23.6 3.6 43.6
51 27.7 9.4 49.4

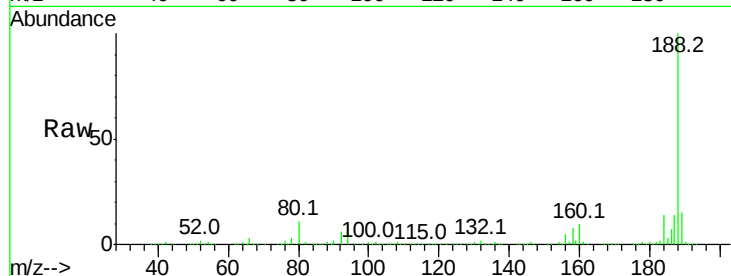




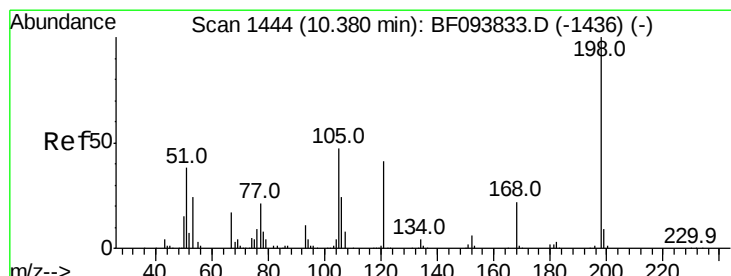
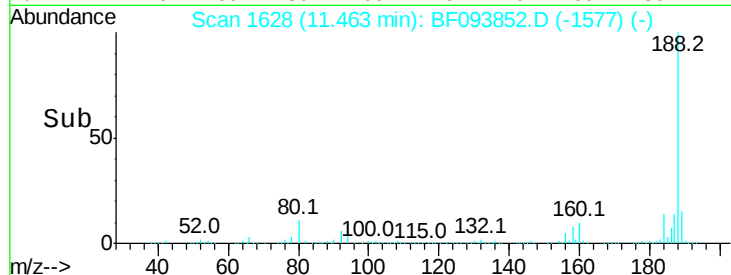
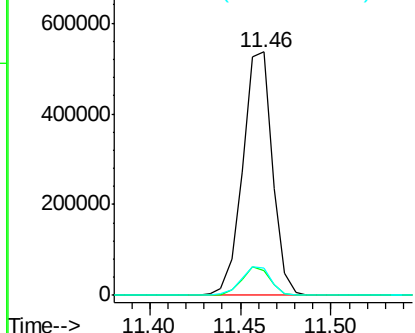
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 606060
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.0 10.2 15.2

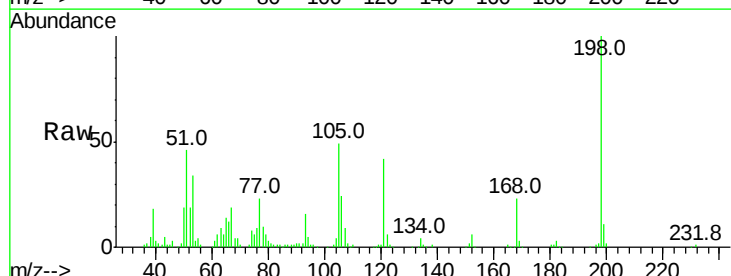


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

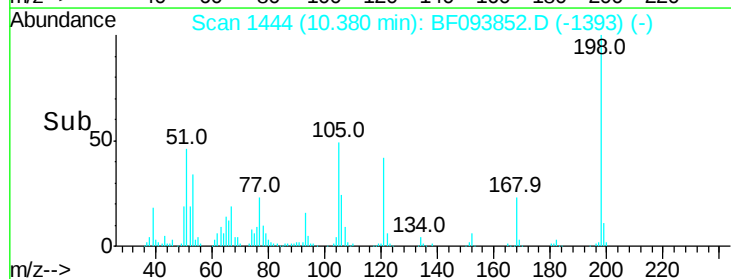
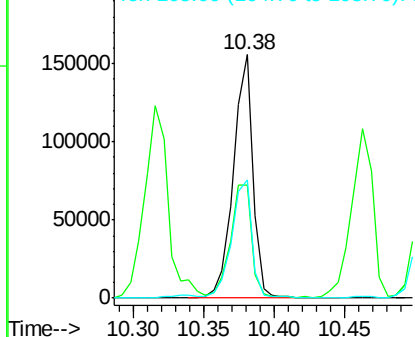


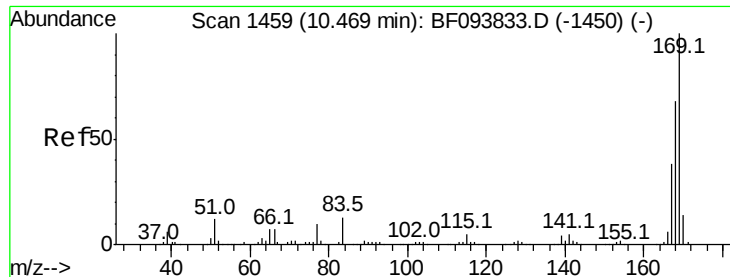
#64
4,6-Dinitro-2-methylphenol
Concen: 40.52 ng
RT: 10.38 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:198 Resp: 150386
Ion Ratio Lower Upper
198 100
51 46.2 53.2 93.2#
105 48.6 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

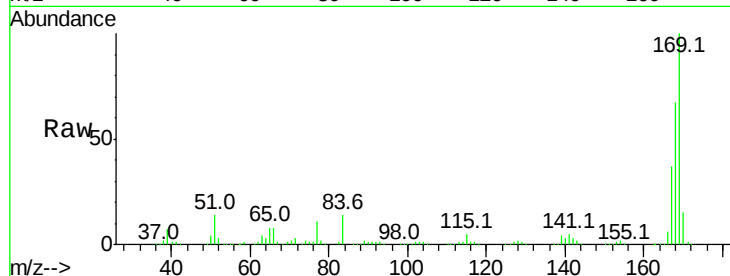




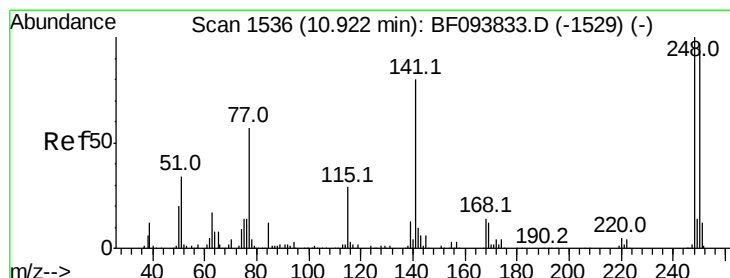
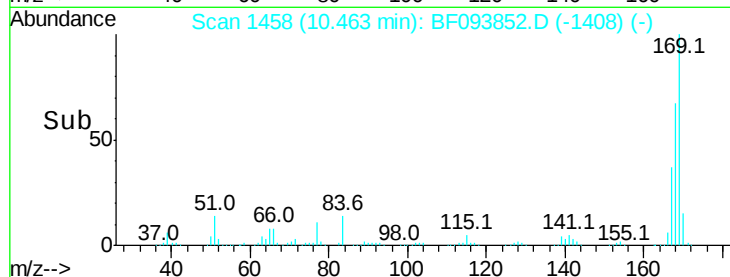
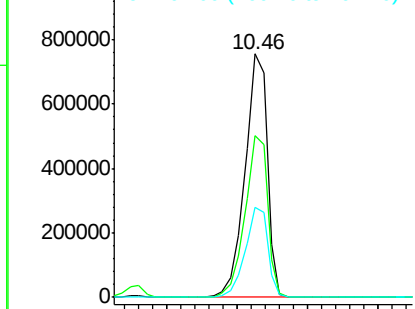
#65
n-Nitrosodiphenylamine
Concen: 39.95 ng
RT: 10.46 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 837327
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 37.1 29.5 44.3

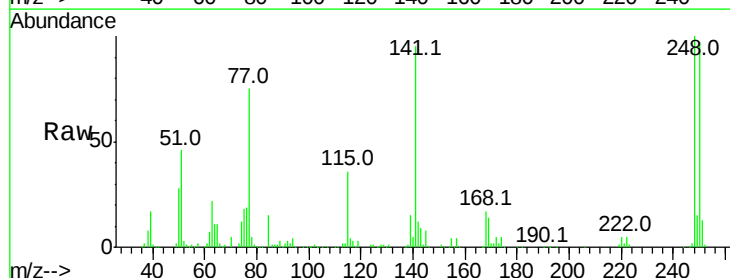


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

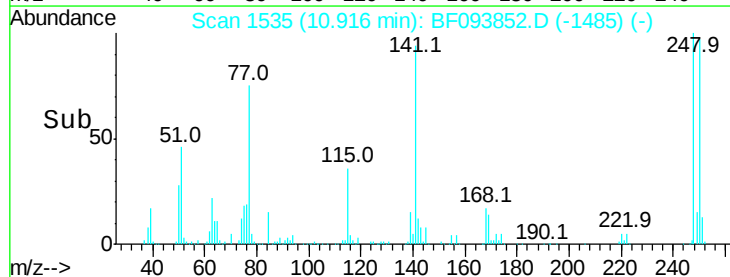
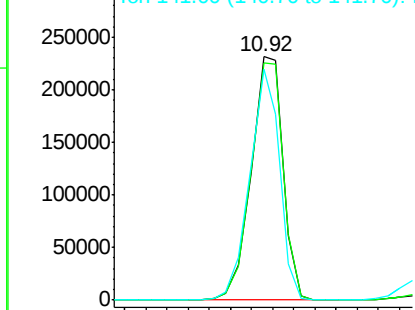


#66
4-Bromophenyl-phenylether
Concen: 40.63 ng
RT: 10.92 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:248 Resp: 242163
Ion Ratio Lower Upper
248 100
250 97.4 76.8 115.2
141 94.7 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

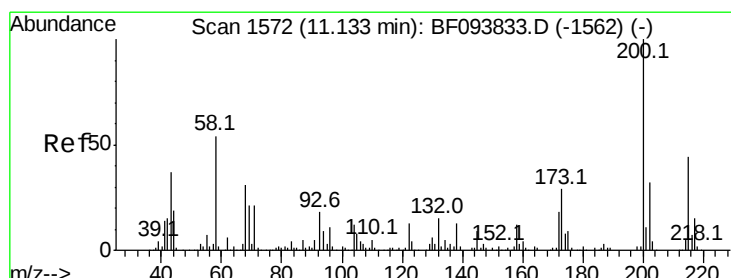
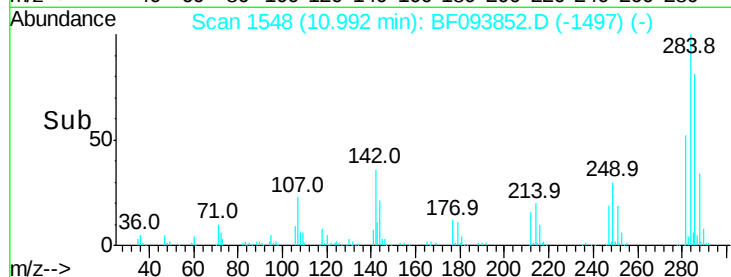
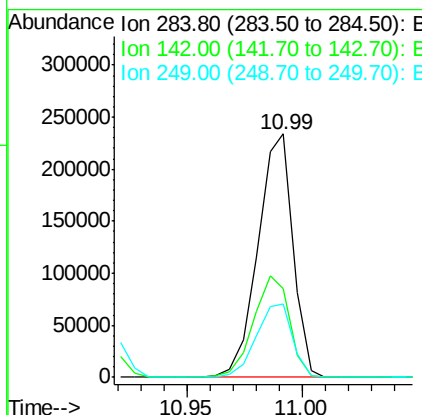
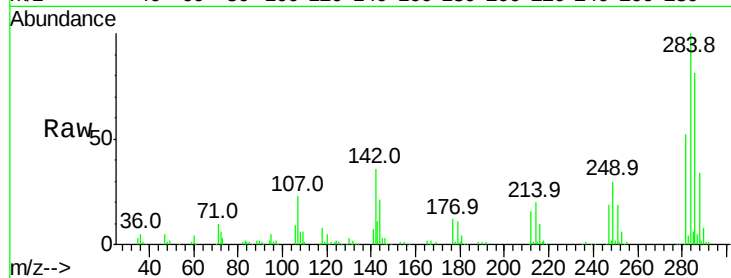




#67
Hexachlorobenzene
Concen: 40.90 ng
RT: 10.99 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

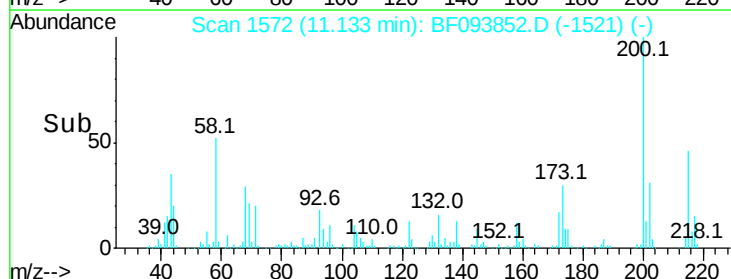
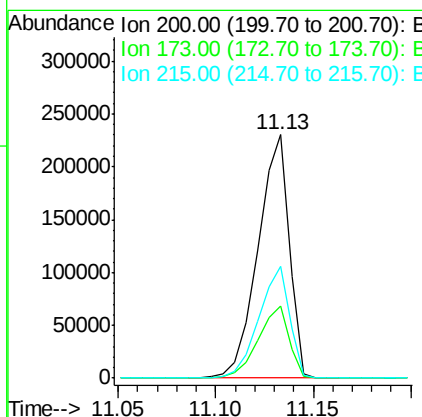
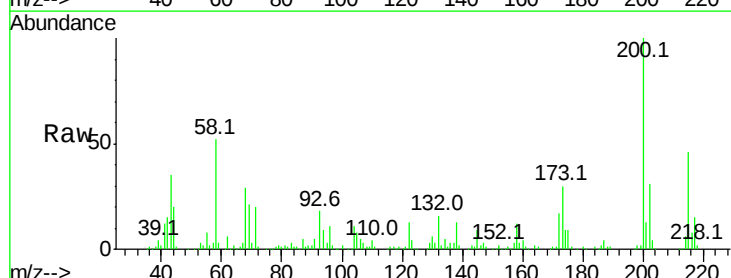
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

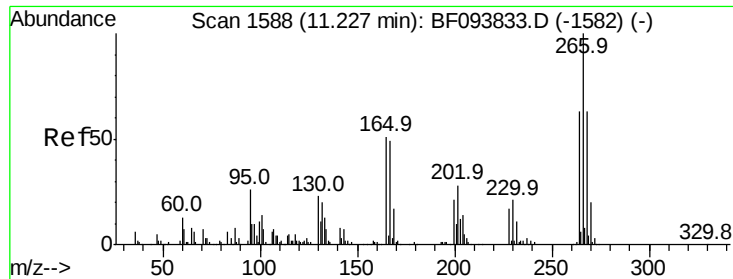
Tot Ion:284 Resp: 246768
Ion Ratio Lower Upper
284 100
142 36.3 22.8 34.2#
249 30.4 24.0 36.0



#68
Atrazine
Concen: 40.49 ng
RT: 11.13 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:200 Resp: 254170
Ion Ratio Lower Upper
200 100
173 29.5 6.3 46.3
215 46.1 27.2 67.2

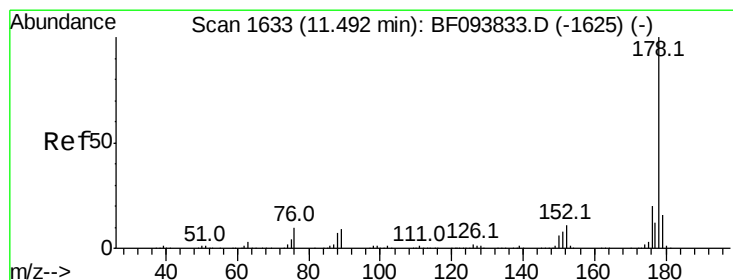
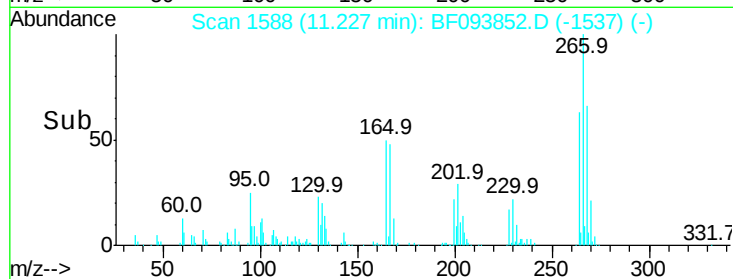
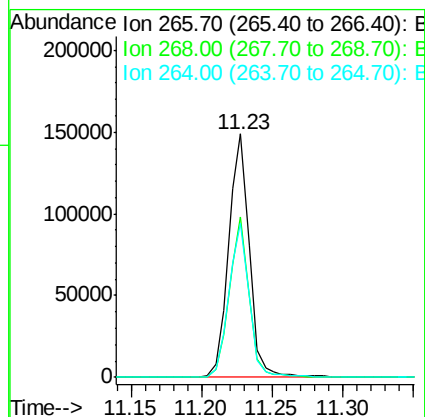
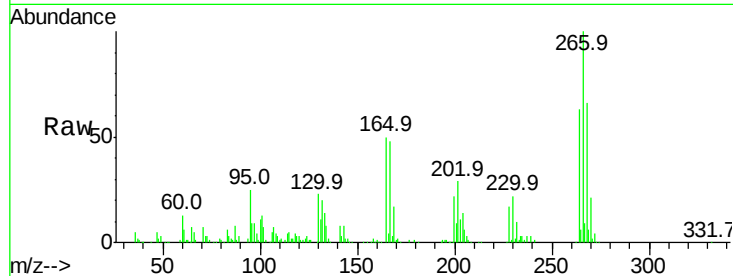




#69
 Pentachlorophenol
 Concen: 40.30 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

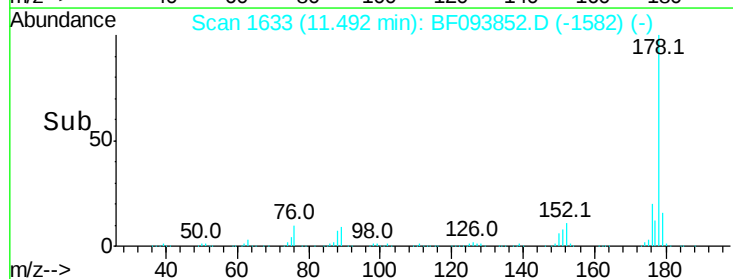
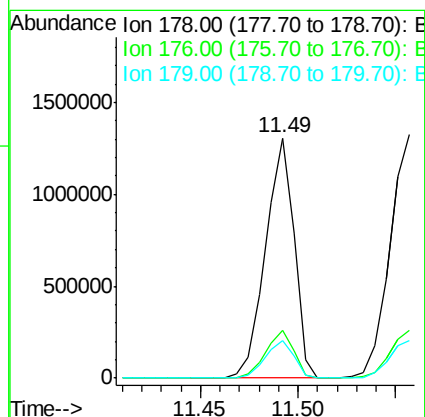
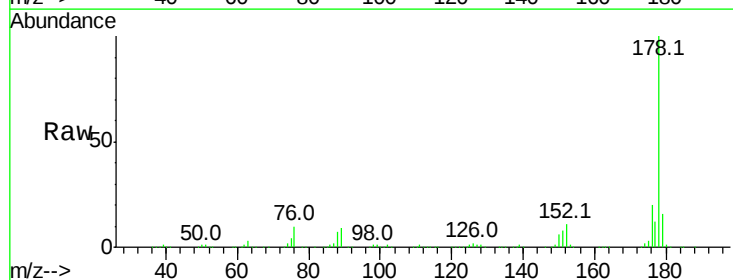
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 151335
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.1 76.7
 264 63.0 51.7 77.5



#70
 Phenanthrene
 Concen: 39.27 ng
 RT: 11.49 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Tgt Ion:178 Resp: 1323981
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.7 12.6 19.0

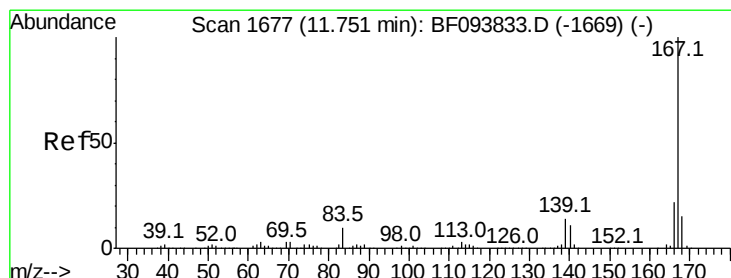
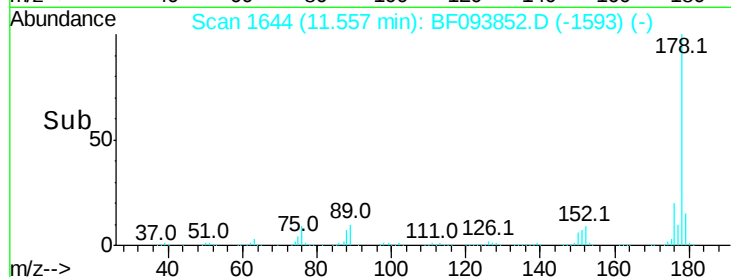
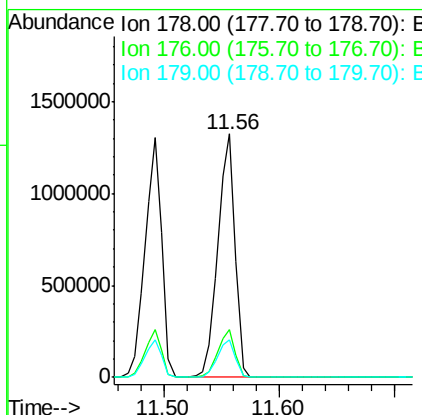
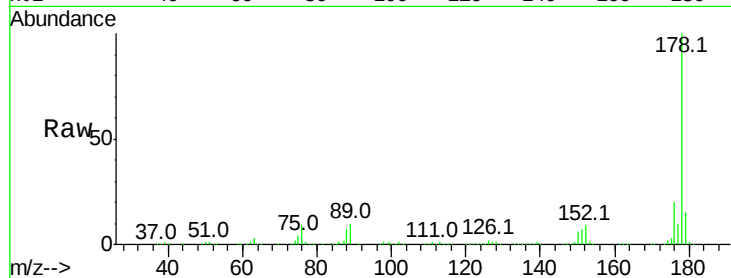




#71
 Anthracene
 Concen: 39.41 ng
 RT: 11.56 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

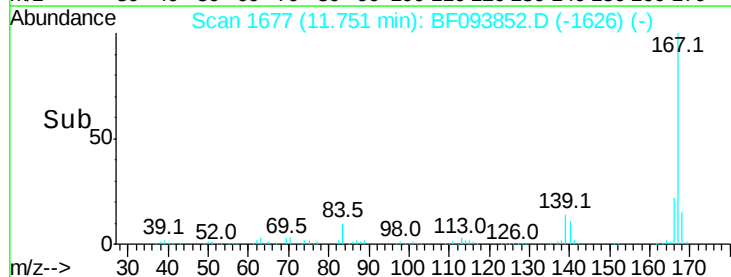
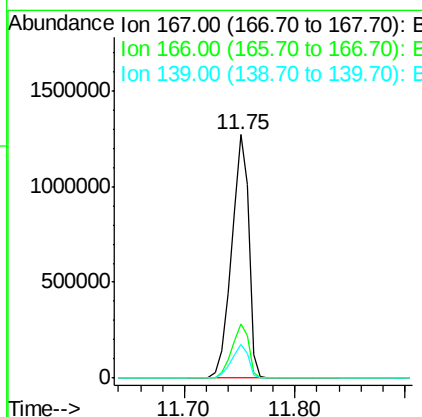
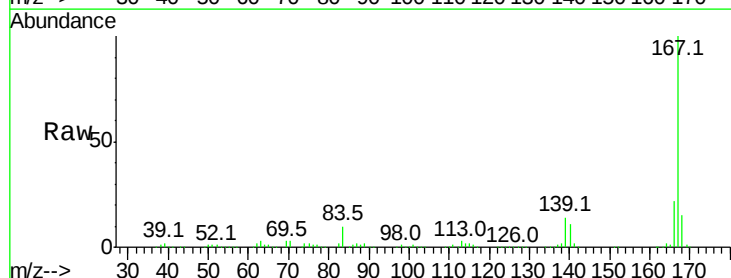
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

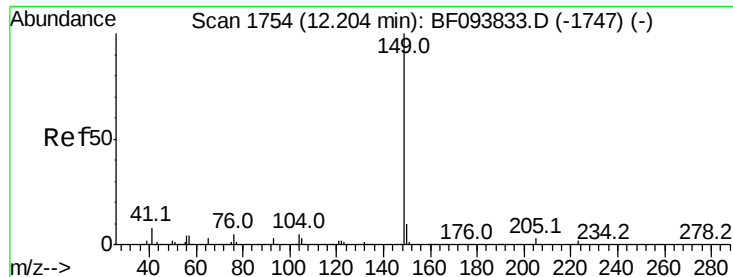
Tot Ion:178 Resp: 1368176
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 38.90 ng
 RT: 11.75 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Tgt Ion:167 Resp: 1384820
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.98 ng

RT: 12.20 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

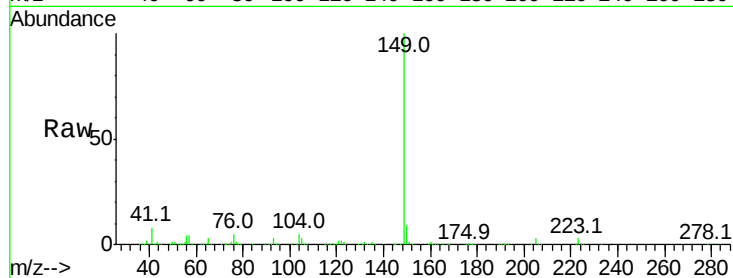
Tot Ion:149 Resp: 1516929

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

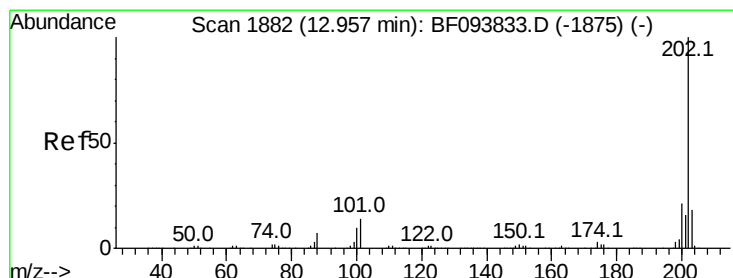
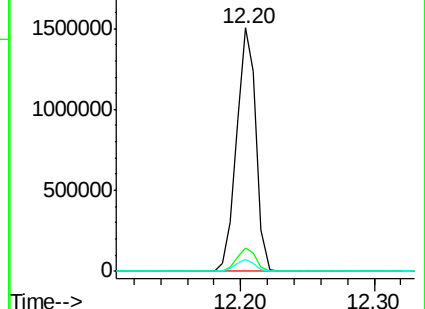
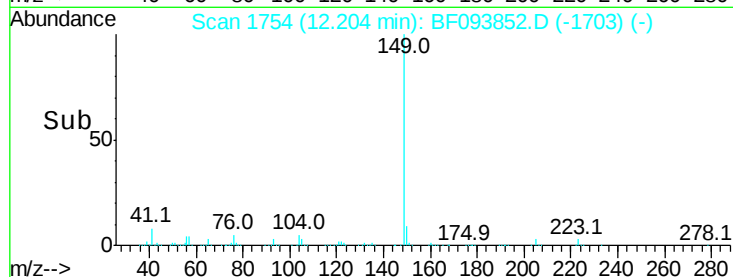
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.90 ng

RT: 12.96 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

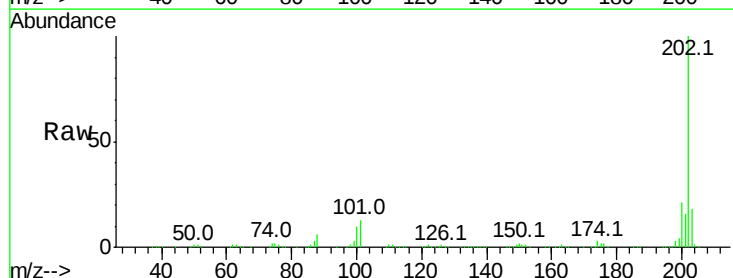
Tgt Ion:202 Resp: 1343042

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

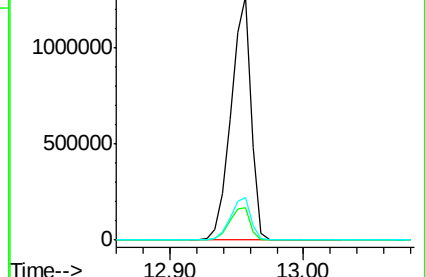
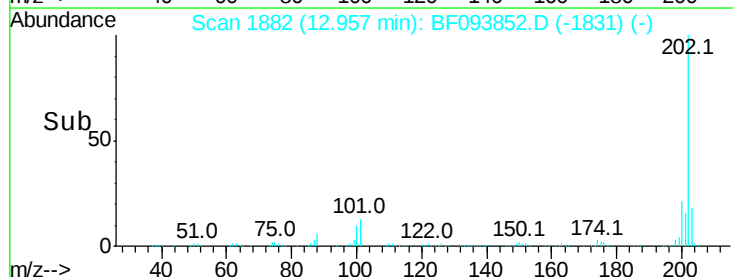
203 17.7 0.0 38.1

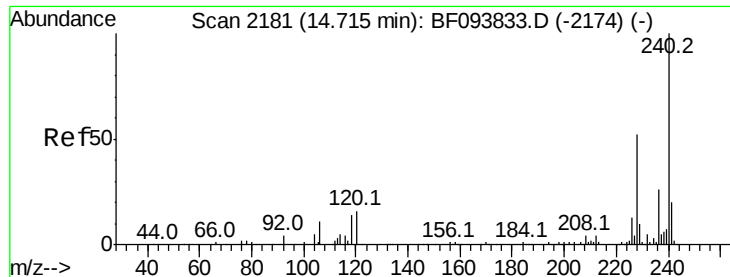


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.72 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

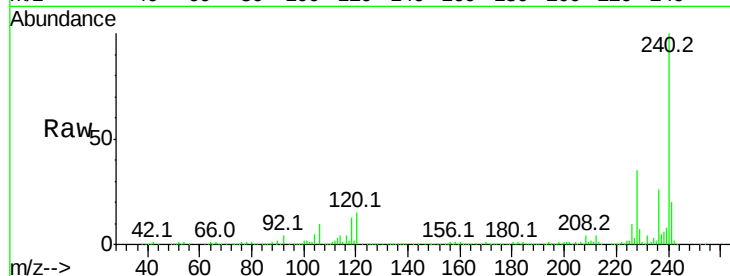
Tot Ion:240 Resp: 462656

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

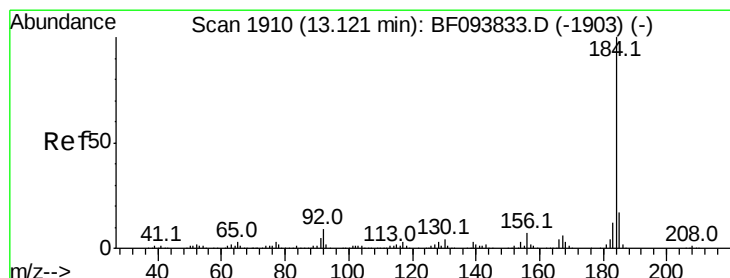
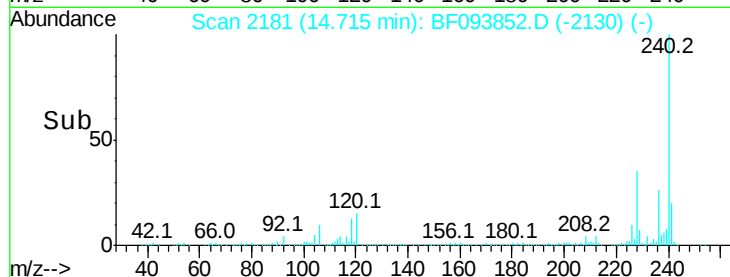
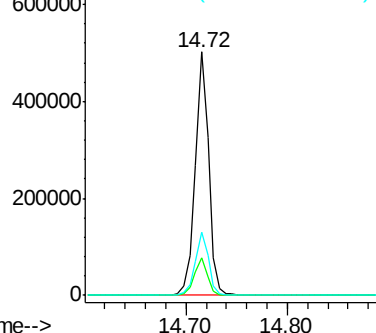
236 25.7 20.5 30.7



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: 39.38 ng

RT: 13.12 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

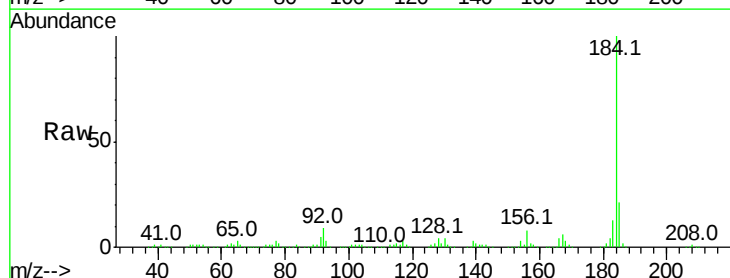
Tgt Ion:184 Resp: 721155

Ion Ratio Lower Upper

184 100

185 20.6 15.5 23.3

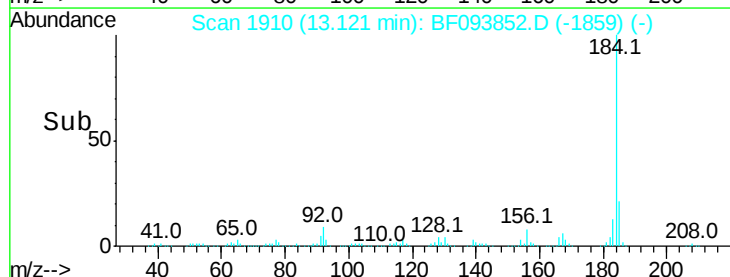
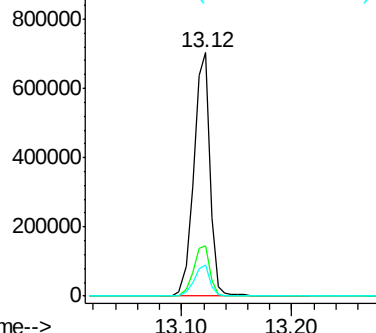
183 12.5 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

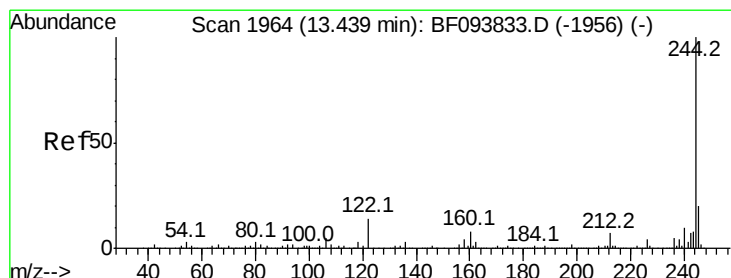
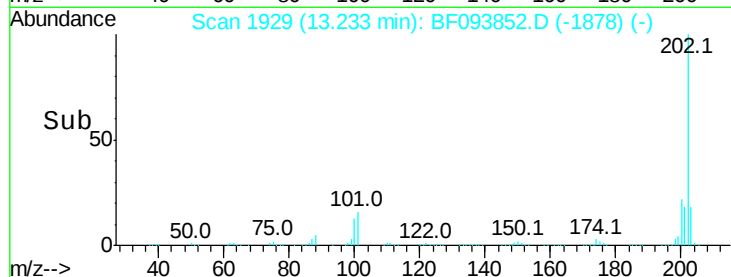
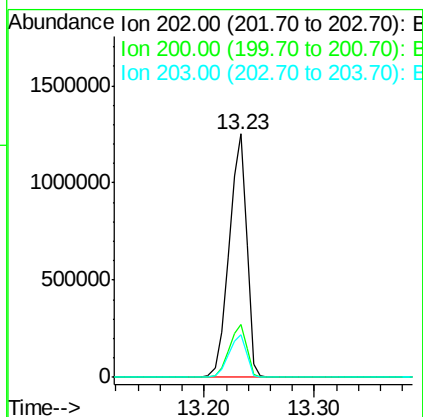
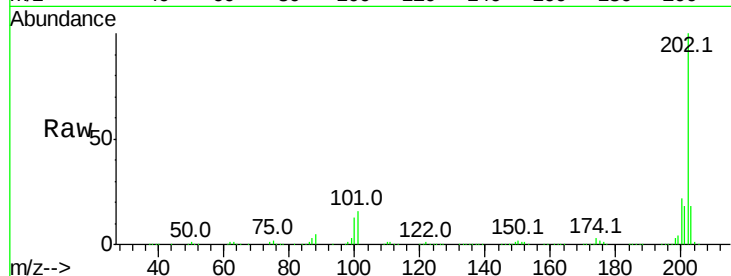




#77
Pvrene
Concen: 41.57 ng
RT: 13.23 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

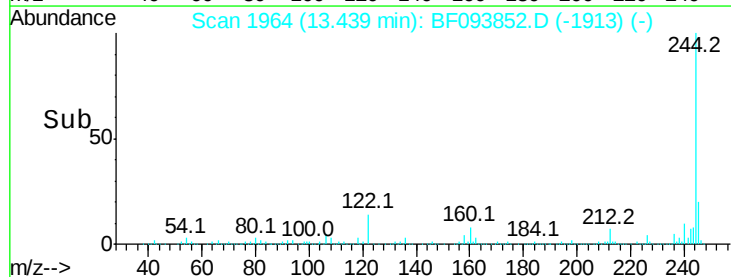
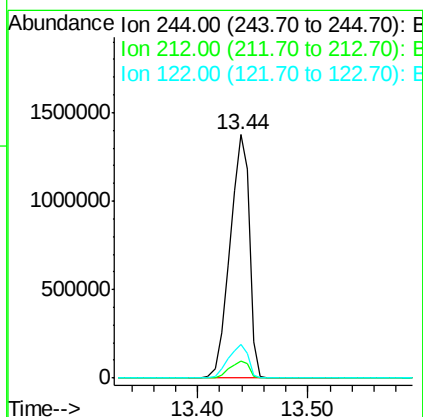
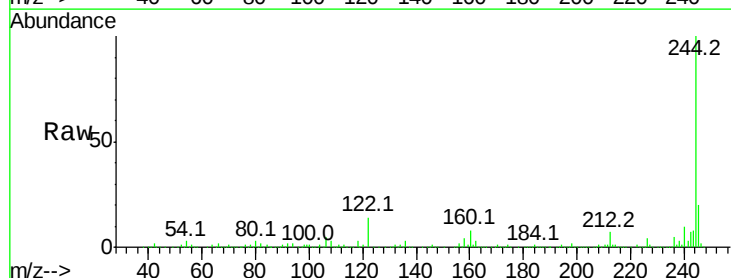
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1395616
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 82.16 ng
RT: 13.44 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BF093852.D
Acq: 23 Mar 2017 00:50

Tgt Ion:244 Resp: 1695916
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.7 10.3 15.5





#79

Butylbenzylphthalate

Concen: 44.29 ng

RT: 14.04 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

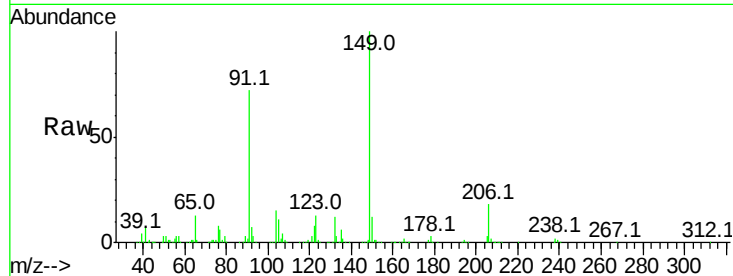
Tot Ion:149 Resp: 633637

Ion Ratio Lower Upper

149 100

91 71.5 45.0 67.4#

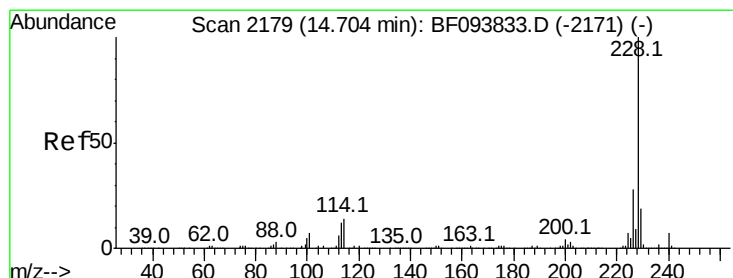
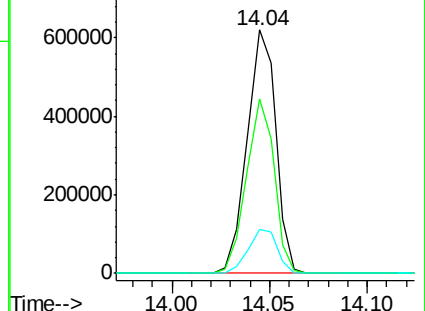
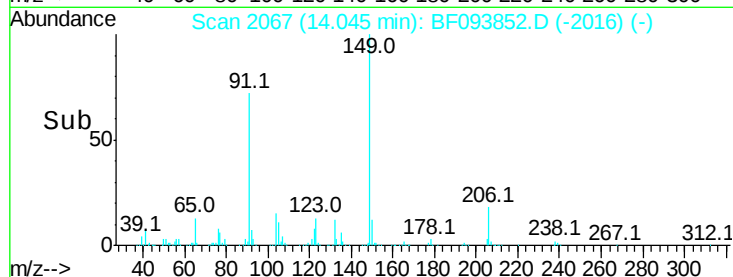
206 18.0 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.66 ng

RT: 14.70 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

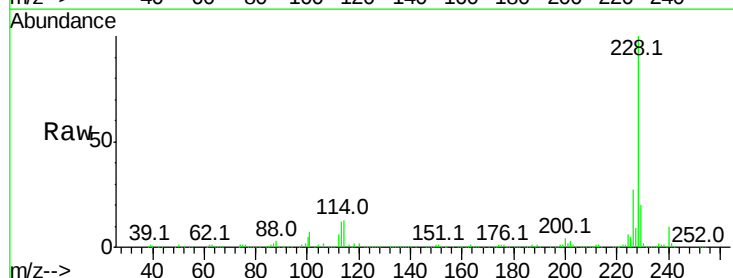
Tgt Ion:228 Resp: 1096963

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

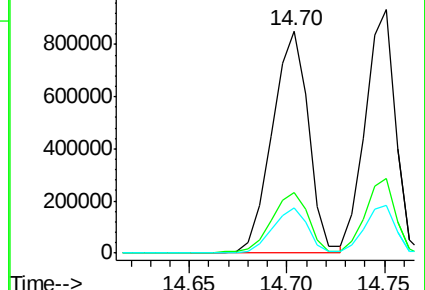
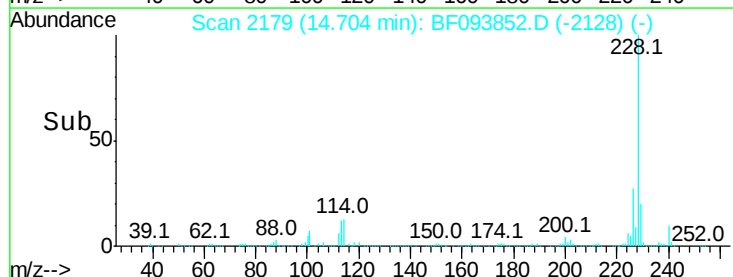
229 20.1 16.3 24.5

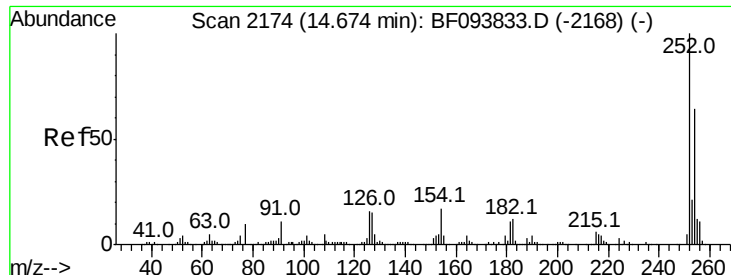


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 40.36 ng

RT: 14.67 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

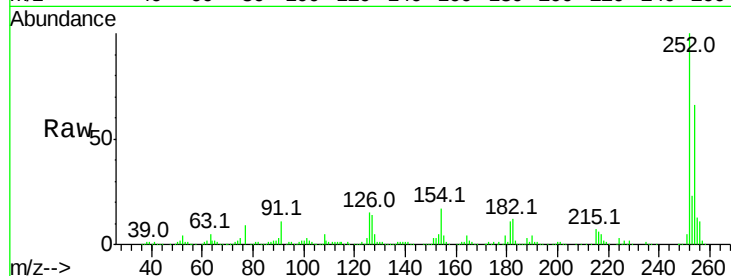
Tot Ion:252 Resp: 389202

Ion Ratio Lower Upper

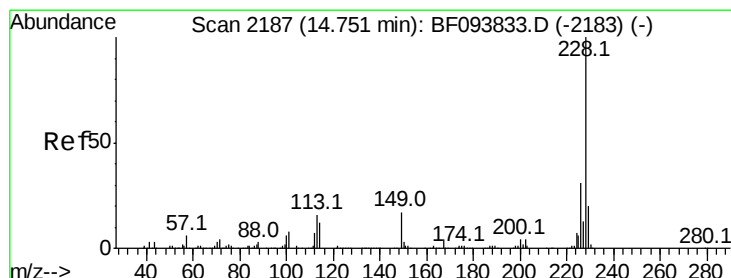
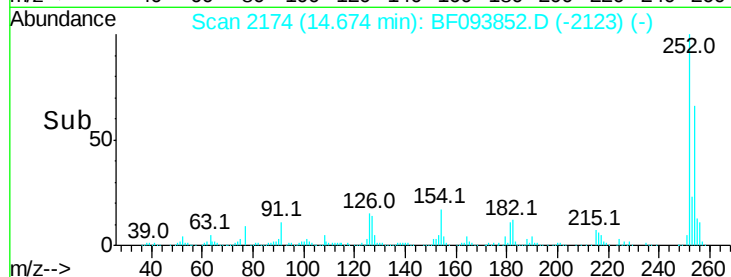
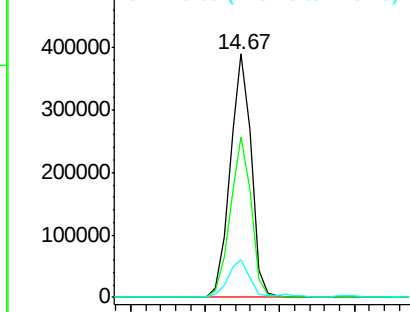
252 100

254 66.0 51.5 77.3

126 15.4 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: 40.06 ng

RT: 14.75 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

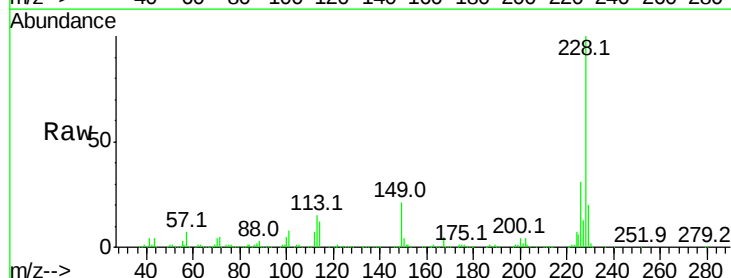
Tgt Ion:228 Resp: 1002830

Ion Ratio Lower Upper

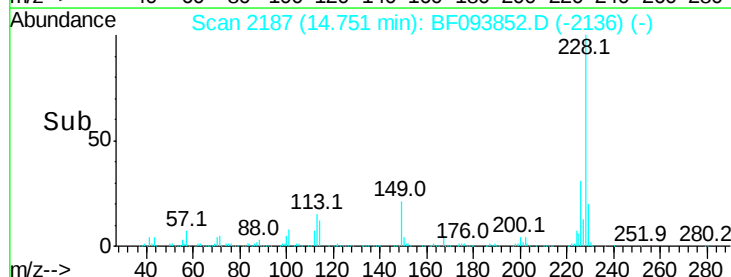
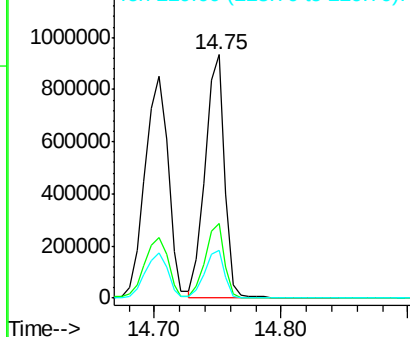
228 100

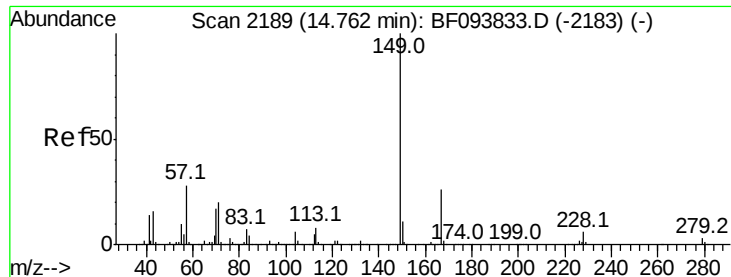
226 30.6 24.9 37.3

229 19.8 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

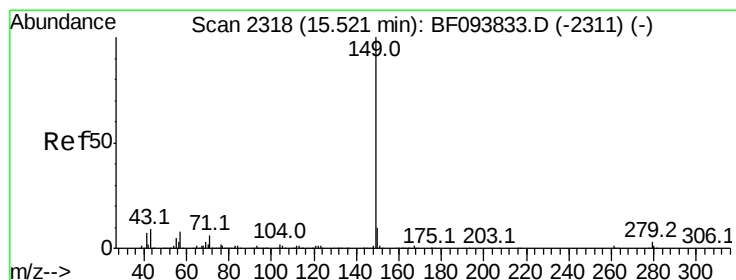
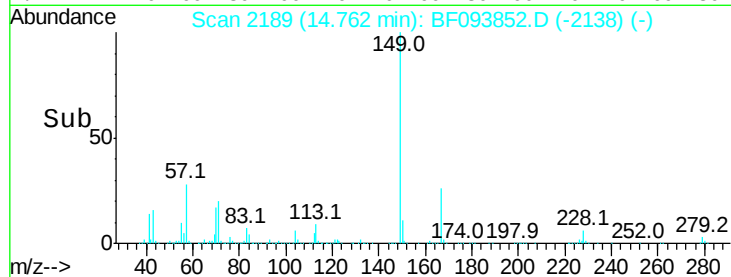
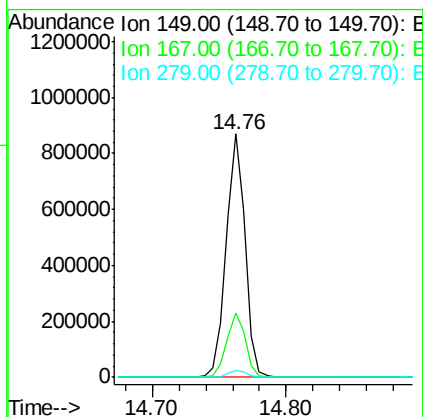
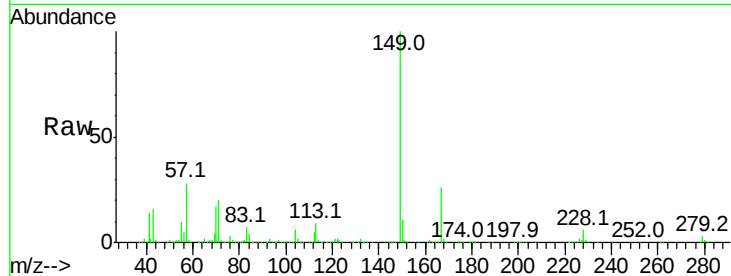




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.47 ng
 RT: 14.76 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

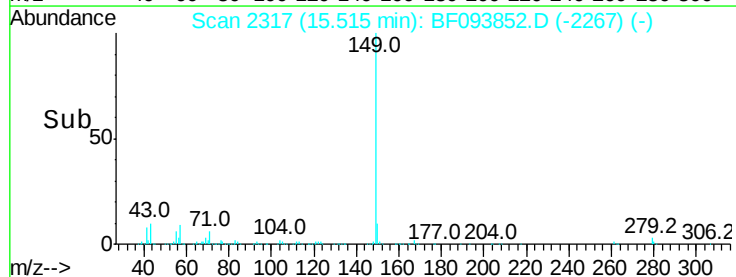
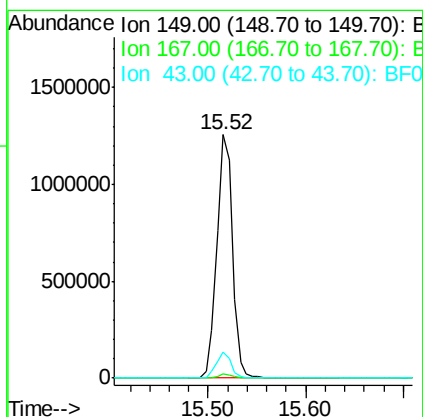
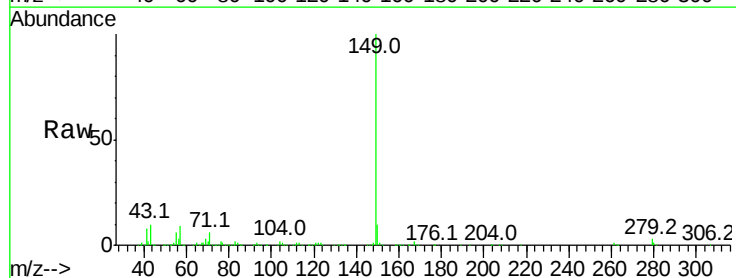
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

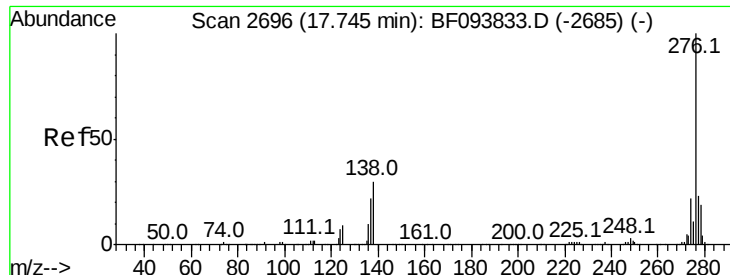
Tot Ion:149 Resp: 868001
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.09 ng
 RT: 15.52 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Tgt Ion:149 Resp: 1405005
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.0 8.5 12.7

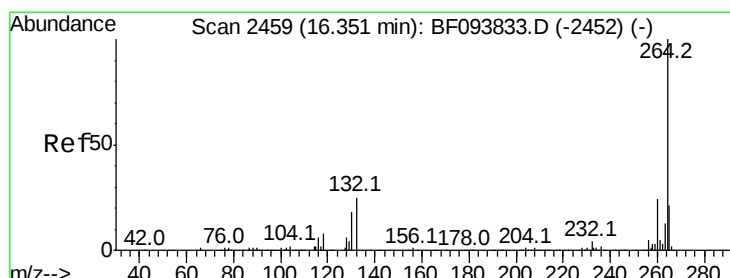
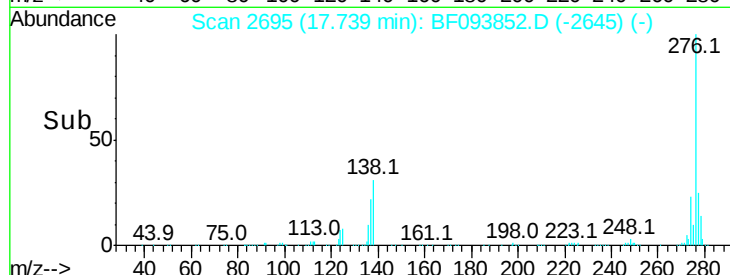
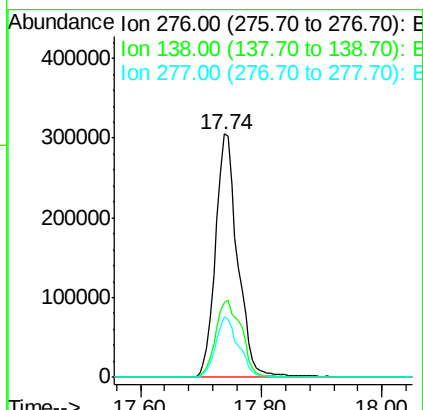
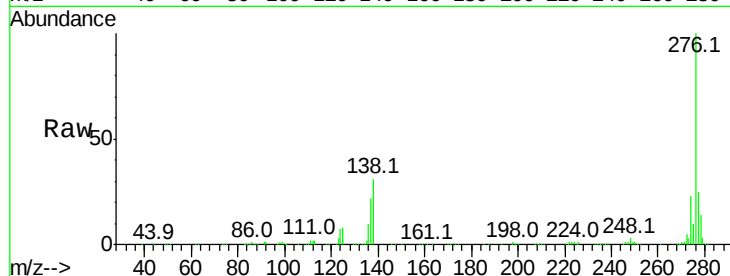




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.93 ng
 RT: 17.74 min Scan# 2695
 Delta R.T. -0.01 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

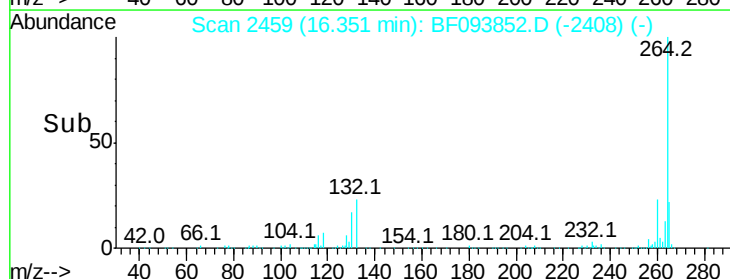
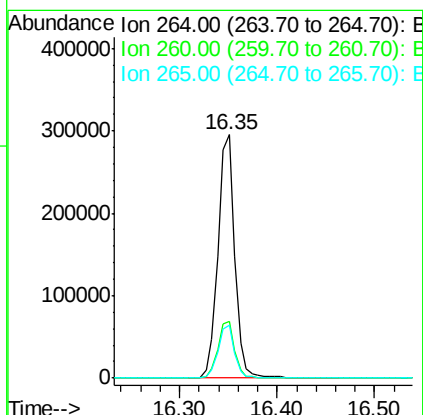
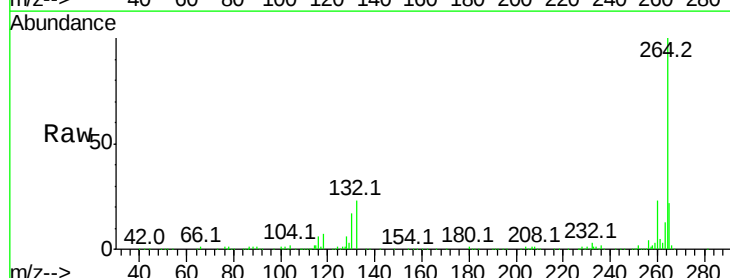
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

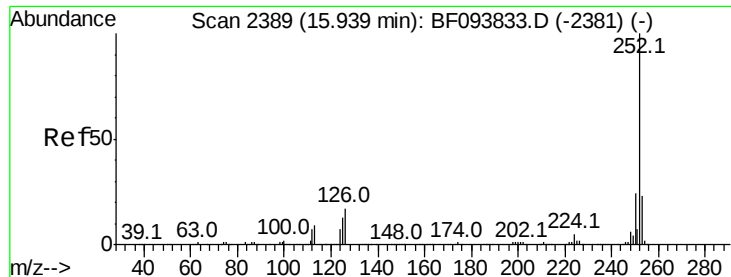
Tot Ion:276 Resp: 779151
 Ion Ratio Lower Upper
 276 100
 138 37.0 27.8 41.6
 277 25.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.35 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BF093852.D
 Acq: 23 Mar 2017 00:50

Tgt Ion:264 Resp: 354030
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 42.43 ng

RT: 15.93 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

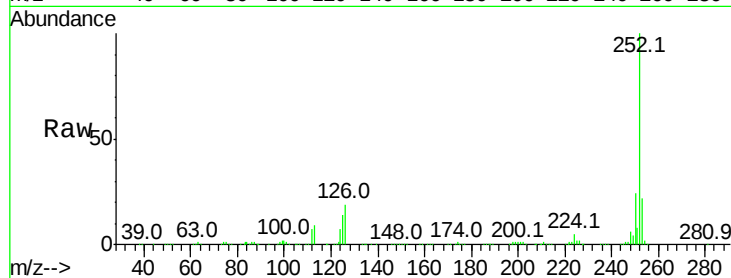
Tot Ion:252 Resp: 920720

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

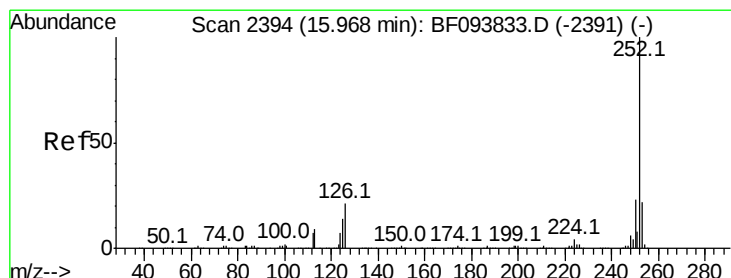
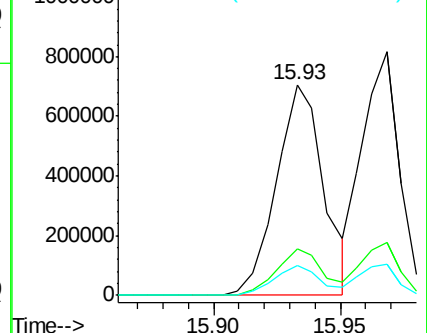
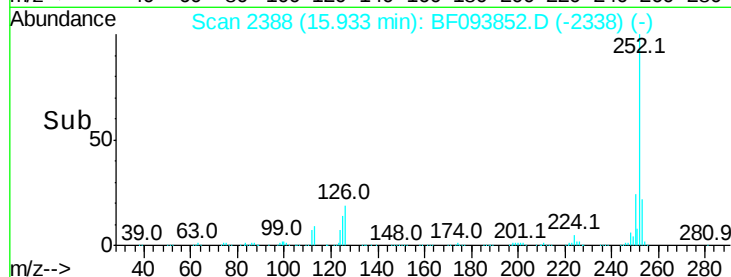
125 14.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.05 ng

RT: 15.93 min Scan# 2388

Delta R.T. -0.04 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

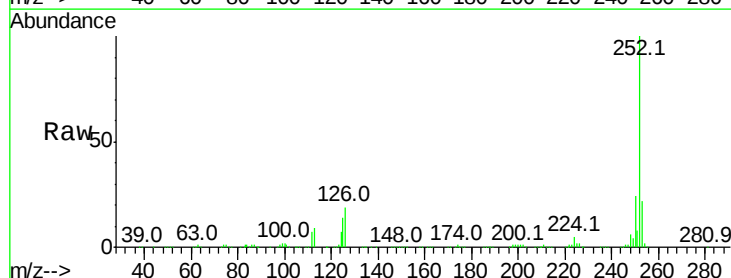
Tgt Ion:252 Resp: 920720

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

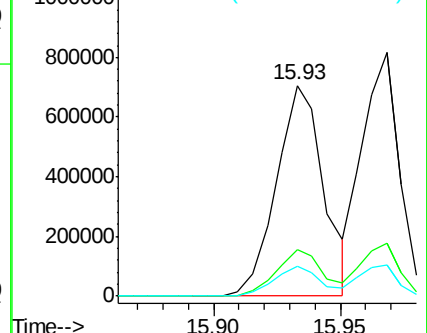
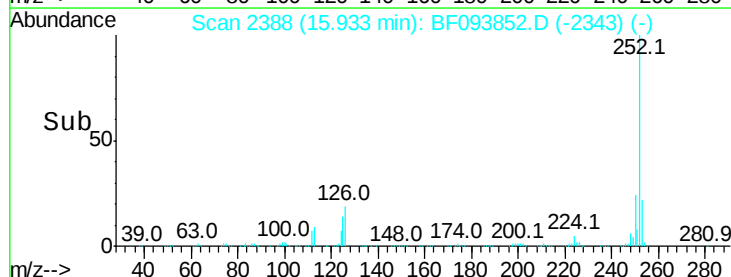
125 14.3 13.1 19.7

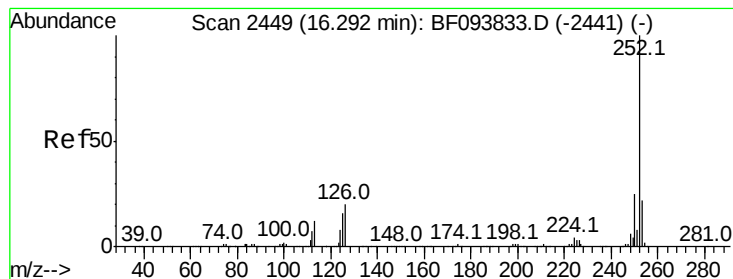


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.96 ng

RT: 16.29 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

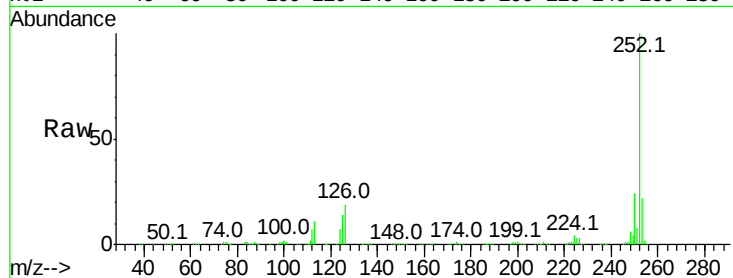
Tot Ion:252 Resp: 818578

Ion Ratio Lower Upper

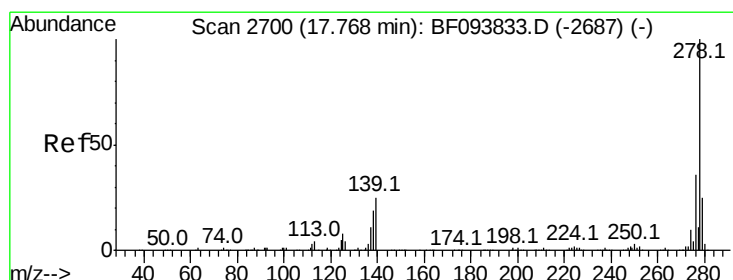
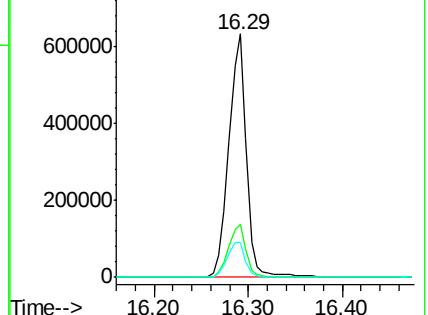
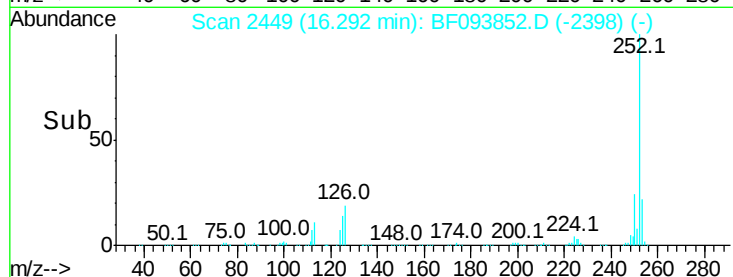
252 100

253 21.8 17.5 26.3

125 14.4 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: 39.16 ng

RT: 17.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

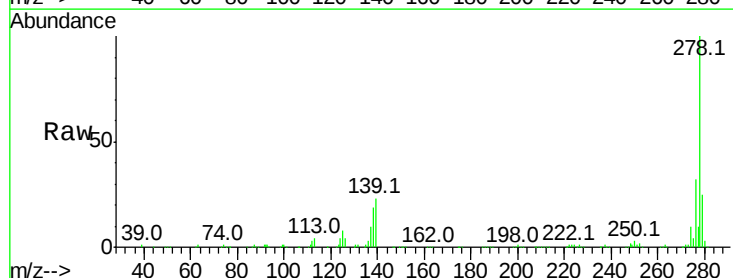
Tgt Ion:278 Resp: 662753

Ion Ratio Lower Upper

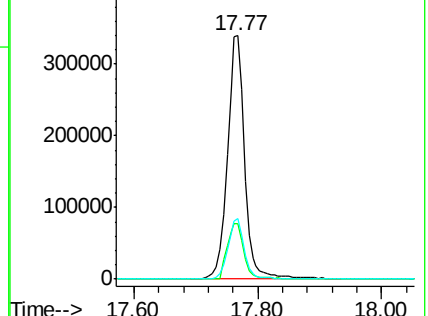
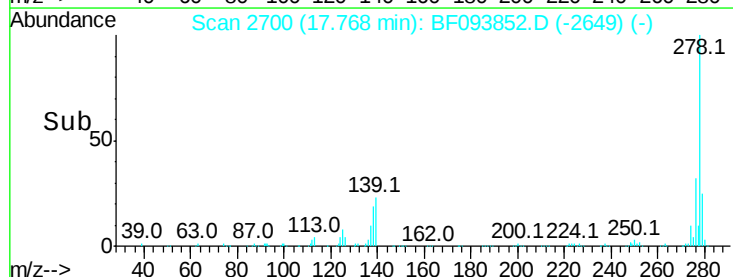
278 100

139 22.8 16.6 24.8

279 24.9 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: 38.79 ng

RT: 18.16 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BF093852.D

Acq: 23 Mar 2017 00:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

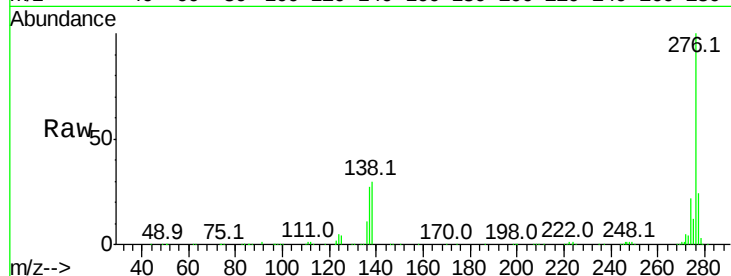
Tot Ion:276 Resp: 661638

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 30.1 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

