

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097812.D
 Acq On : 18 Aug 2017 3:59
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 18 05:06:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	124929	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	436827	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	151712	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	251644	20.00	ng	0.00
75) Chrysene-d12	13.93	240	256310	20.00	ng	0.00
86) Perylene-d12	15.36	264	188157	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	696520	84.80	ng	0.00
7) Phenol-d6	6.41	99	917399	82.21	ng	0.00
23) Nitrobenzene-d5	7.35	82	774223	96.28	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	101595	77.18	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	953003	92.29	ng	0.00
78) Terphenyl-d14	12.88	244	870614	70.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	199112	43.470	ng	91
3) Pyridine	3.18	79	562500	44.422	ng	87
4) n-Nitrosodimethylamine	3.13	42	211488	43.406	ng	84
6) Aniline	6.44	93	625365	39.891	ng	98
8) 2-Chlorophenol	6.56	128	357623	41.288	ng	98
9) Benzaldehyde	6.33	77	300840	42.561	ng	88
10) Phenol	6.42	94	547609	41.958	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	399828	40.588	ng	98
12) 1,3-Dichlorobenzene	6.72	146	379546	40.737	ng	# 95
13) 1,4-Dichlorobenzene	6.80	146	378915	39.988	ng	94
14) 1,2-Dichlorobenzene	6.95	146	348215	39.854	ng	99
15) Benzyl Alcohol	6.92	79	334002	39.977	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	513612	38.752	ng	91
17) 2-Methylphenol	7.03	107	304283	39.864	ng	96
18) Hexachloroethane	7.29	117	121909	32.815	ng	# 82
19) n-Nitroso-di-n-propylamine	7.20	70	286672	37.526	ng	88
20) 3+4-Methylphenols	7.19	107	359619	38.573	ng	97
22) Acetophenone	7.19	105	481262	41.704	ng	# 86
24) Nitrobenzene	7.36	77	424734	47.439	ng	94
25) Isophorone	7.60	82	698720	41.789	ng	97
26) 2-Nitrophenol	7.67	139	129779	40.885	ng	# 71
27) 2,4-Dimethylphenol	7.72	122	294253	42.197	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	464880	42.291	ng	99
29) 2,4-Dichlorophenol	7.92	162	236814	40.911	ng	91
30) 1,2,4-Trichlorobenzene	8.00	180	262612	40.925	ng	99
31) Naphthalene	8.09	128	919637	40.552	ng	99
32) Benzoic acid	7.82	122	170386	35.466	ng	# 81
33) 4-Chloroaniline	8.13	127	383885	40.138	ng	99
34) Hexachlorobutadiene	8.20	225	160851	42.932	ng	98
35) Caprolactam	8.50	113	75390	38.311	ng	97
36) 4-Chloro-3-methylphenol	8.61	107	282194	37.944	ng	# 77
37) 2-Methylnaphthalene	8.77	142	521714	37.524	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	221307	47.532	ng	98
40) Hexachlorocyclopentadiene	8.93	237	13484	6.028	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	140486	44.942	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	135224	43.605	nq	94
45) 1,1'-Biphenyl	9.24	154	630406	45.567	nq	97
46) 2-Chloronaphthalene	9.26	162	452555	44.272	nq	# 93
47) 2-Nitroaniline	9.36	65	184421	53.816	nq	94
48) Acenaphthylene	9.67	152	667289	41.569	nq	100
49) Dimethylphthalate	9.54	163	497591	44.870	nq	100
50) 2,6-Dinitrotoluene	9.60	165	91085	41.148	nq	# 55
51) Acenaphthene	9.85	154	400465	39.556	nq	98
52) 3-Nitroaniline	9.77	138	136797	47.899	nq	94
53) 2,4-Dinitrophenol	9.86	184	2022	11.819	nq	# 41
54) Dibenzofuran	10.02	168	540537	39.838	nq	98
55) 4-Nitrophenol	9.92	139	85459	37.511	nq	# 44
56) 2,4-Dinitrotoluene	10.00	165	104972	37.787	nq	# 49
57) Fluorene	10.36	166	412005	39.274	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	93253	38.839	nq	96
59) Diethylphthalate	10.24	149	478664	41.275	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	197194	40.462	nq	88
61) 4-Nitroaniline	10.37	138	127438	46.949	nq	# 73
62) Azobenzene	10.52	77	523679	38.016	nq	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	3727	10.919	nq	88
65) n-Nitrosodiphenylamine	10.47	169	380871	44.446	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	113674	43.501	nq	95
67) Hexachlorobenzene	10.91	284	117233	44.015	nq	99
68) Atrazine	11.00	200	73062	32.150	nq	98
69) Pentachlorophenol	11.10	266	67000	43.143	nq	98
70) Phenanthrene	11.32	178	566775	42.267	nq	99
71) Anthracene	11.37	178	580969	42.716	nq	98
72) Carbazole	11.53	167	556639	43.117	nq	97
73) Di-n-butylphthalate	11.86	149	645390	43.401	nq	99
74) Fluoranthene	12.51	202	673768	48.139	nq	98
76) Benzidine	12.63	184	308951	36.763	nq	# 93
77) Pyrene	12.73	202	710481	33.892	nq	99
79) Butylbenzylphthalate	13.36	149	310694	38.656	nq	# 78
80) Benzo(a)anthracene	13.92	228	603142	39.263	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	250889	48.400	nq	# 96
82) Chrysene	13.96	228	598476	39.164	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	413330	46.409	nq	# 100
84) Di-n-octyl phthalate	14.53	149	799556	51.596	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	399251	35.516	nq	95
87) Benzo(b)fluoranthene	14.95	252	491242	41.420	nq	99
88) Benzo(k)fluoranthene	14.98	252	500481	44.916	nq	# 95
89) Benzo(a)pyrene	15.30	252	444711	42.356	nq	97
90) Dibenzo(a,h)anthracene	16.78	278	346432	40.529	nq	98
91) Benzo(g,h,i)perylene	17.18	276	337585	37.850	nq	94

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

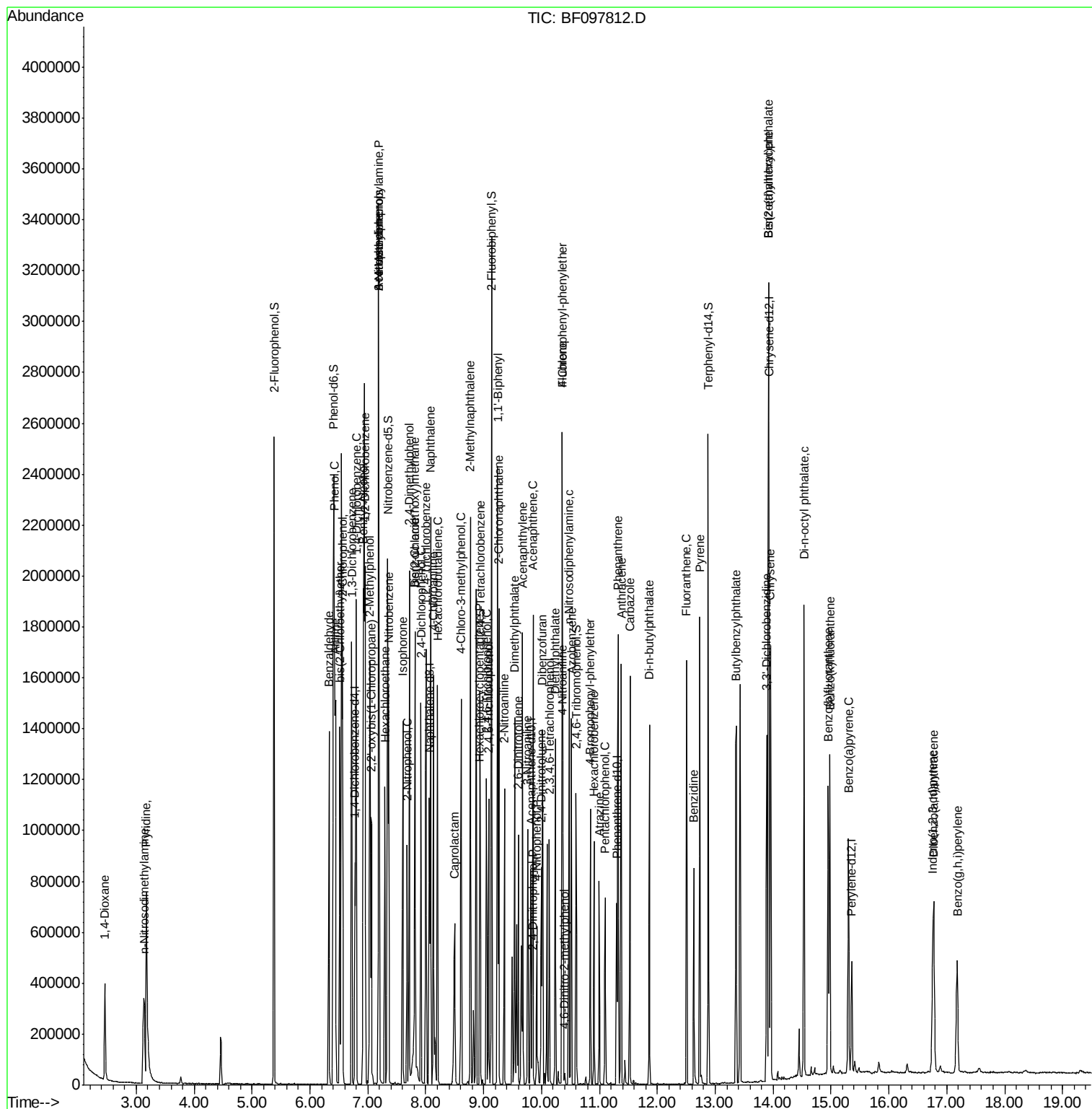
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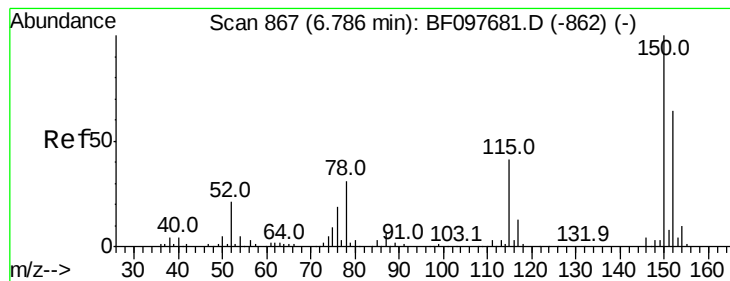
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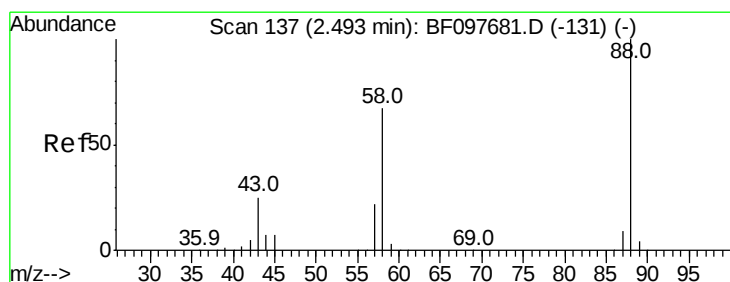
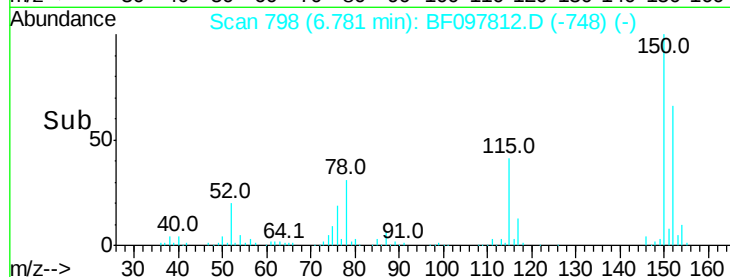
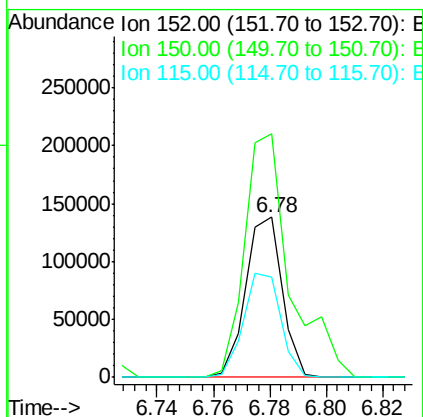
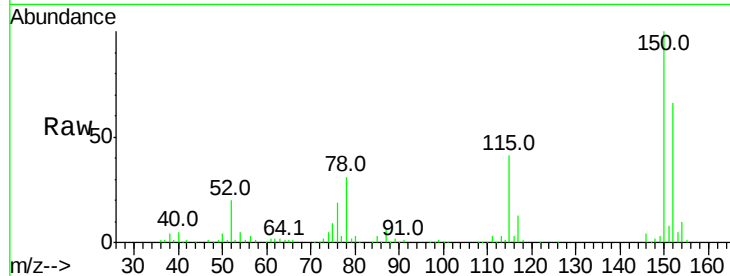


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

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ClientSampleId :
SSTDCCC040

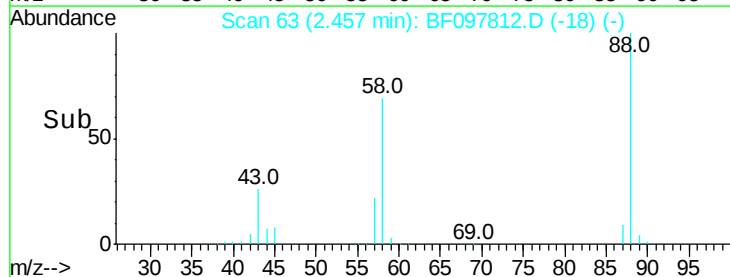
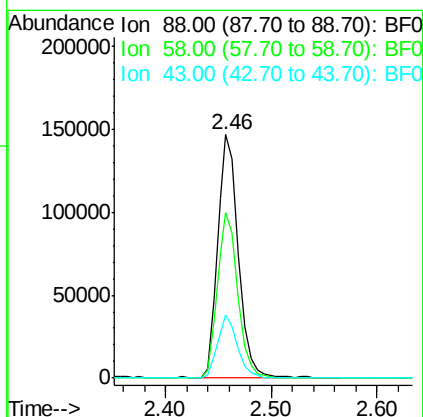
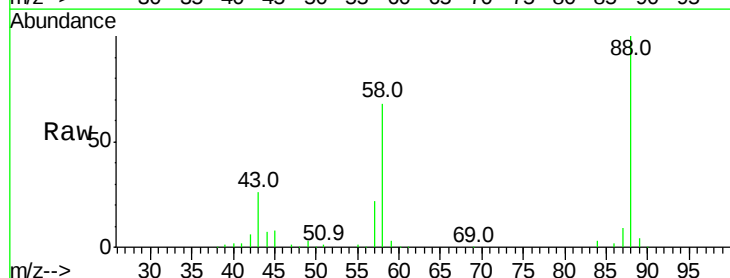
Tot Ion:152 Resp: 124929
Ion Ratio Lower Upper
152 100
150 152.1 126.2 189.2
115 62.3 52.2 78.2

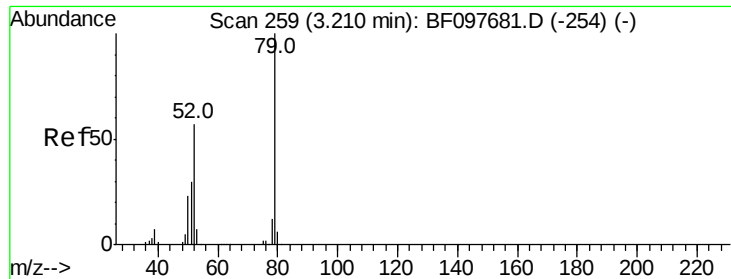


#2

1,4-Dioxane
Concen: 43.470 ng
RT: 2.46 min Scan# 63
Delta R.T. -0.04 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion: 88 Resp: 199112
Ion Ratio Lower Upper
88 100
58 67.7 61.4 92.0
43 25.6 23.4 35.0

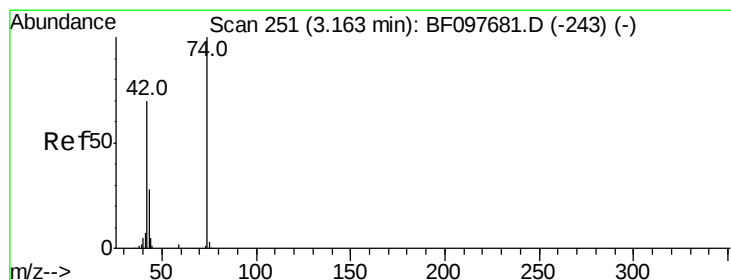
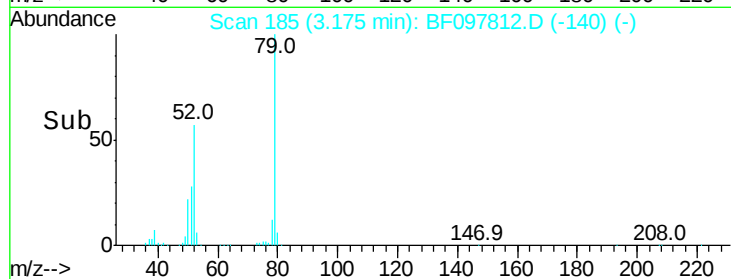
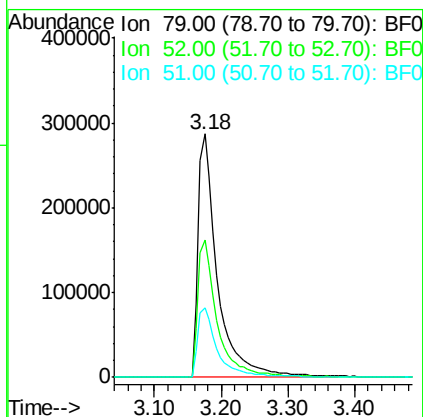
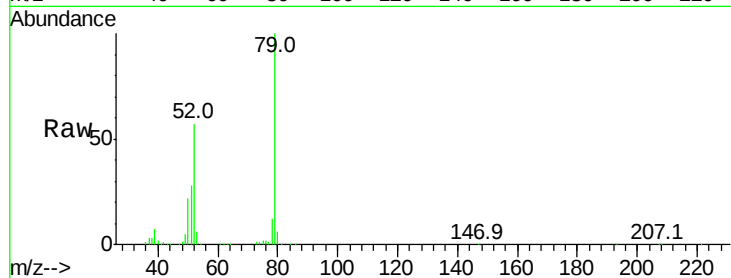




#3
 Pvridine
 Concen: 44.422 ng
 RT: 3.18 min Scan# 185
 Delta R.T. -0.04 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

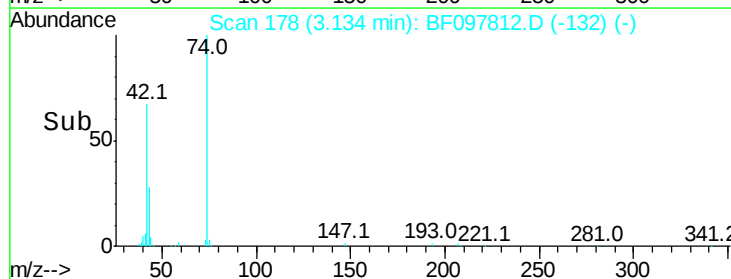
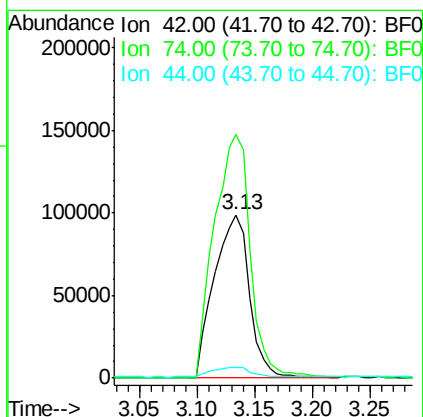
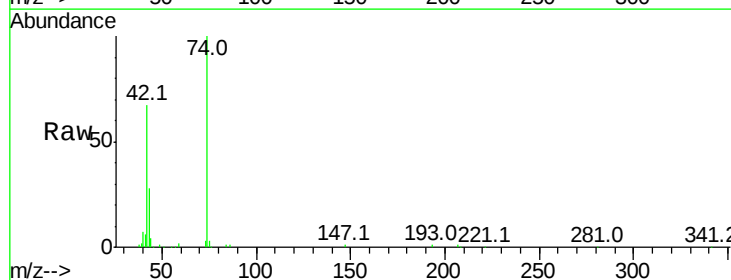
Instrument :
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 ClientSampleId :
 SSTDCCC040

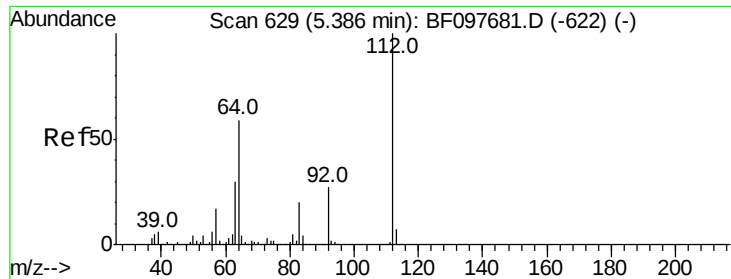
Tot Ion: 79 Resp: 562500
 Ion Ratio Lower Upper
 79 100
 52 56.7 54.8 82.2
 51 28.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 43.406 ng
 RT: 3.13 min Scan# 178
 Delta R.T. -0.03 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion: 42 Resp: 211488
 Ion Ratio Lower Upper
 42 100
 74 149.2 103.9 155.9
 44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 84.805 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

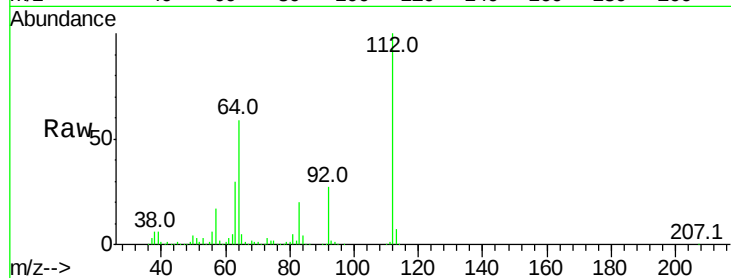
Tot Ion:112 Resp: 696520

Ion Ratio Lower Upper

112 100

64 58.7 46.0 69.0

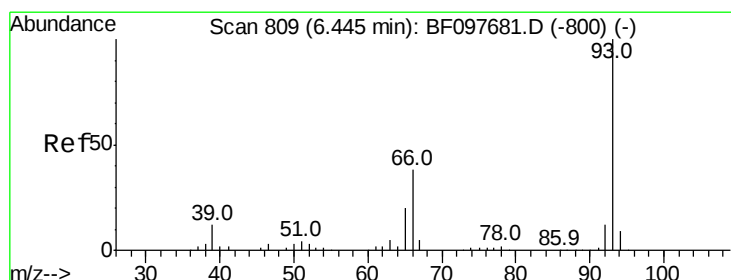
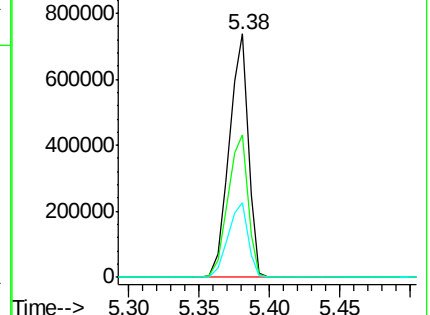
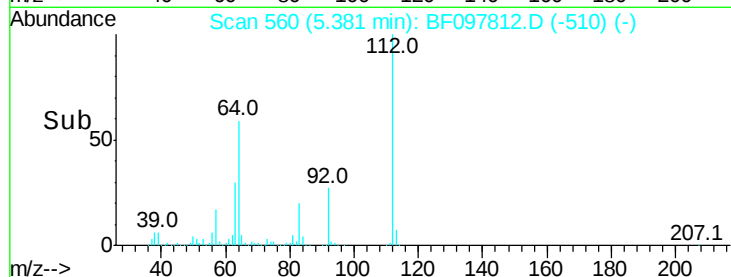
63 30.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.891 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

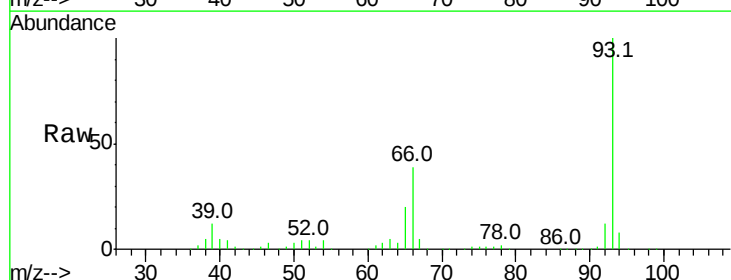
Tgt Ion: 93 Resp: 625365

Ion Ratio Lower Upper

93 100

66 39.0 32.9 49.3

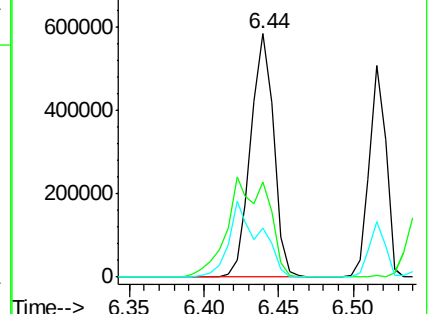
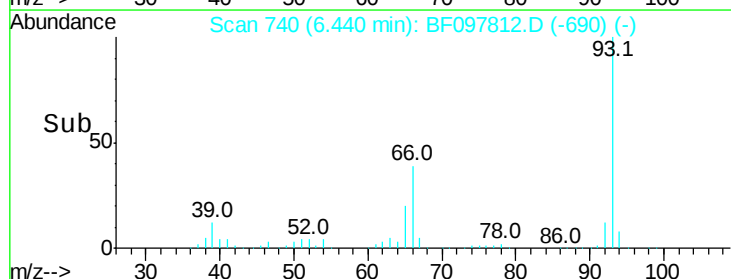
65 19.9 16.0 24.0

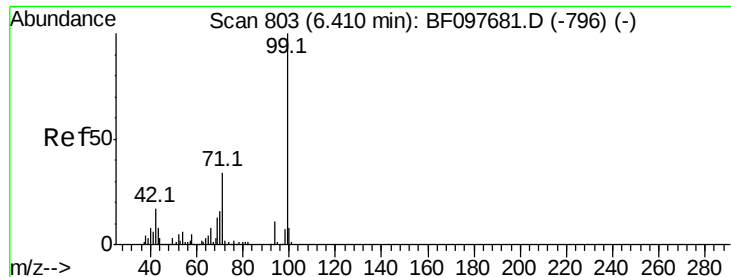


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.209 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097812.D

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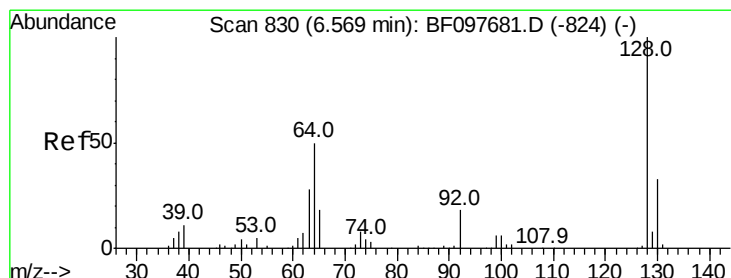
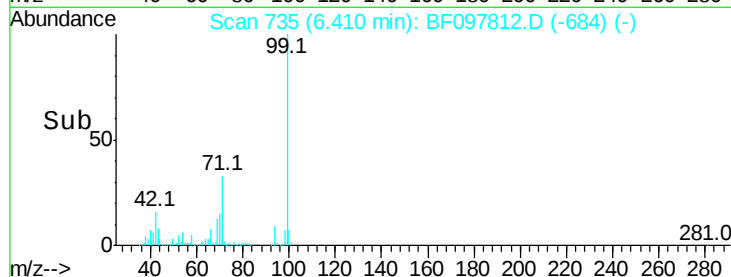
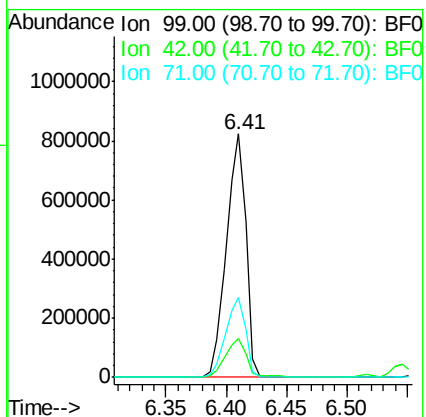
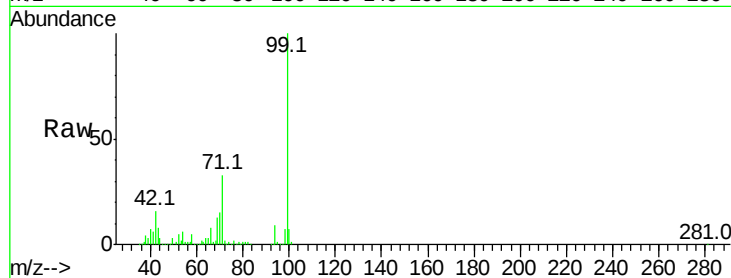
Tot Ion: 99 Resp: 917399

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

71 32.9 24.5 36.7



#8

2-Chlorophenol

Concen: 41.288 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

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Acq: 18 Aug 2017 3:59

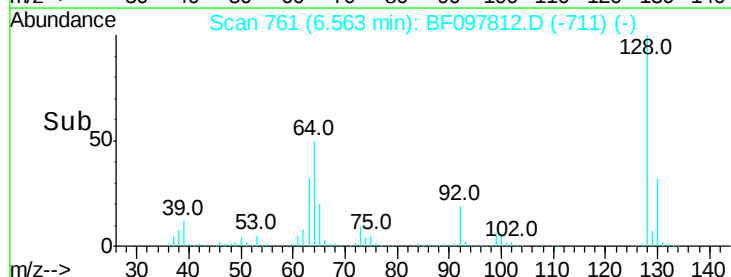
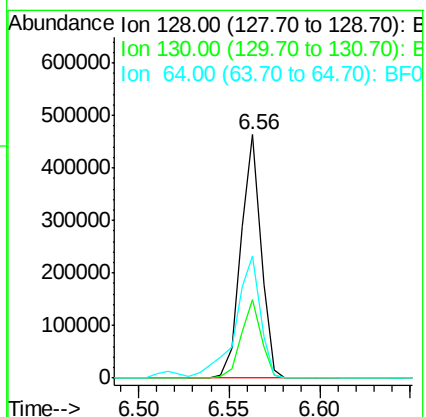
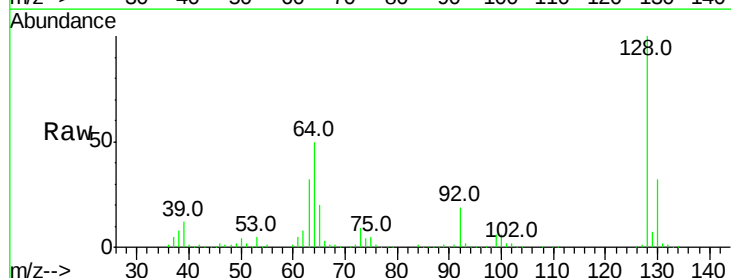
Tgt Ion: 128 Resp: 357623

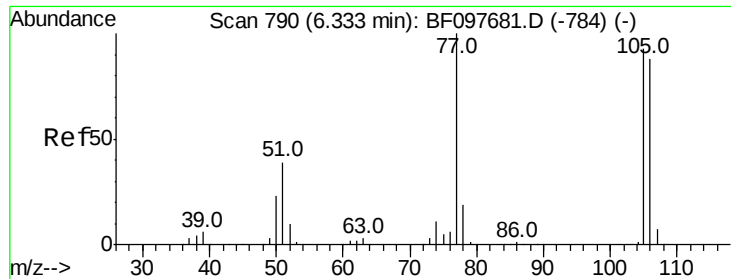
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 50.4 28.4 68.4





#9

Benzaldehyde

Concen: 42.561 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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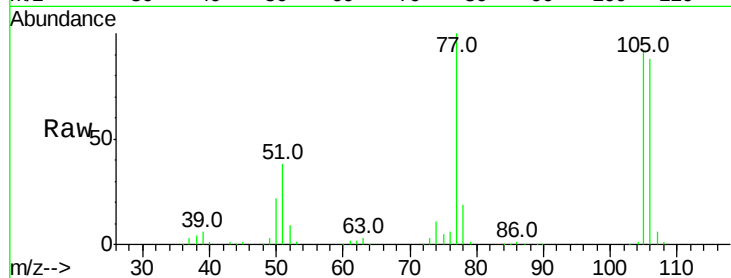
Tot Ion: 77 Resp: 300840

Ion Ratio Lower Upper

77 100

105 91.7 83.8 123.8

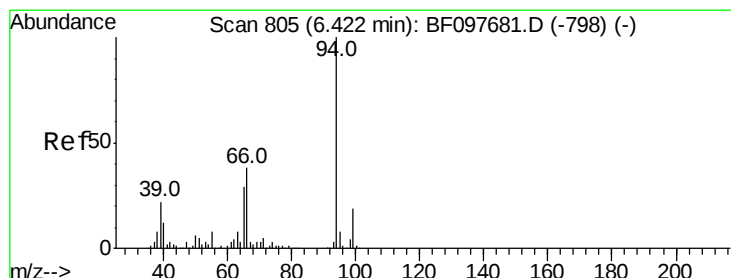
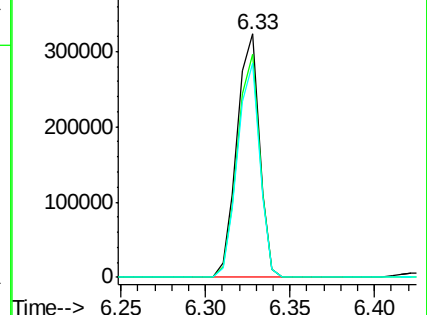
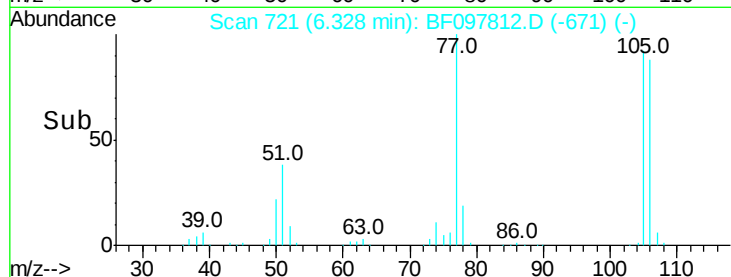
106 87.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.958 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

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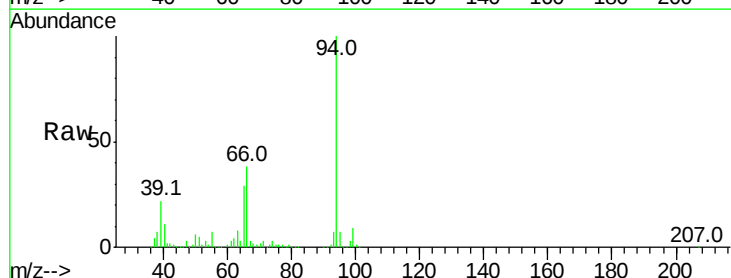
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Ion Ratio Lower Upper

94 100

65 28.6 9.9 49.9

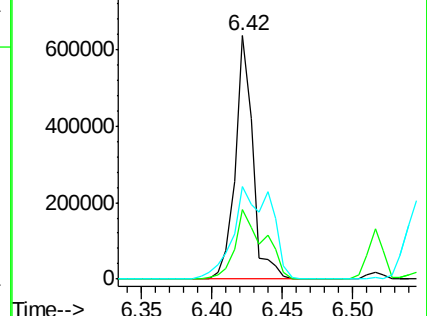
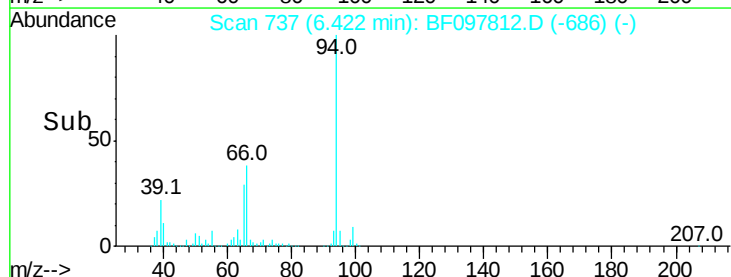
66 37.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

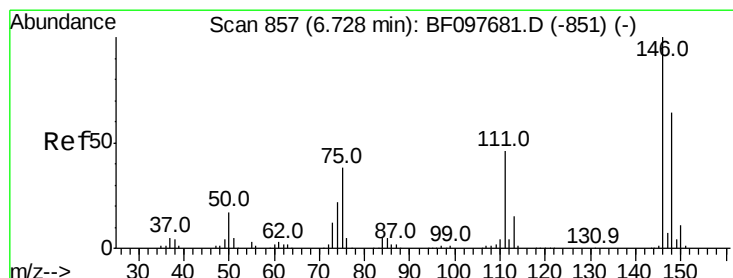
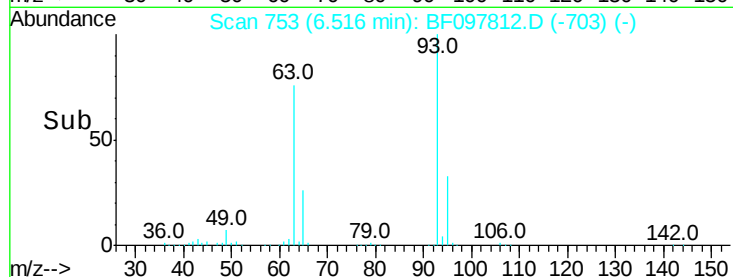
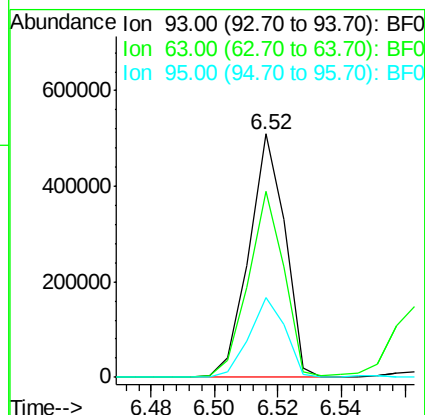
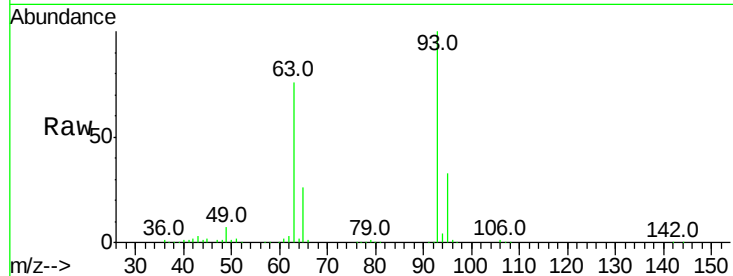




#11
bis(2-Chloroethyl)ether
Concen: 40.588 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

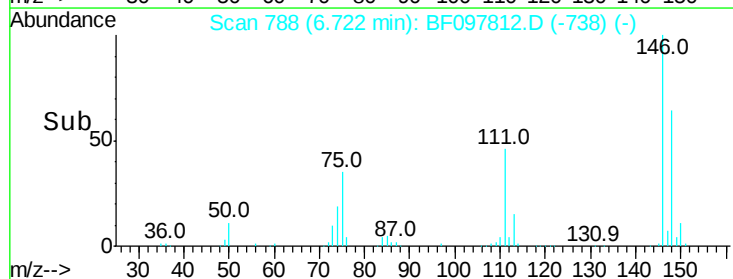
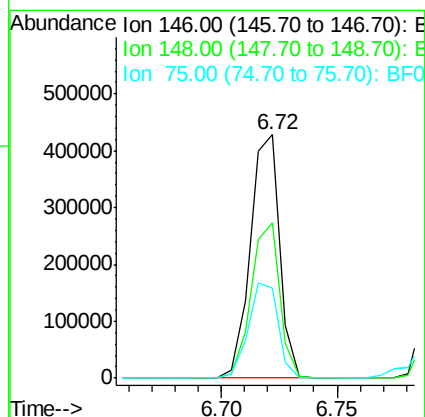
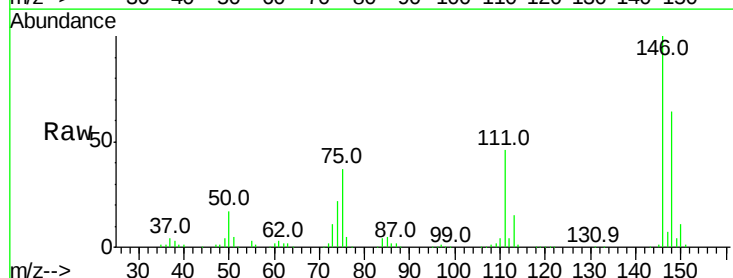
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

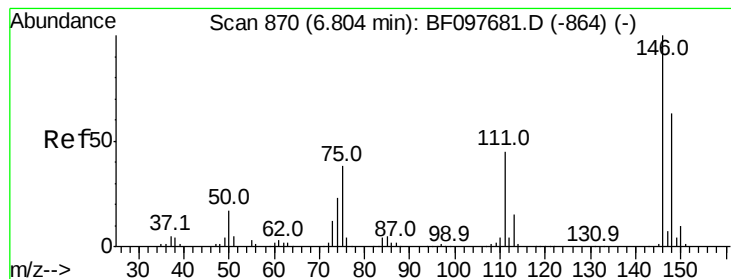
Tot Ion: 93 Resp: 399828
Ion Ratio Lower Upper
93 100
63 76.4 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.737 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion: 146 Resp: 379546
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 36.7 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 39.988 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

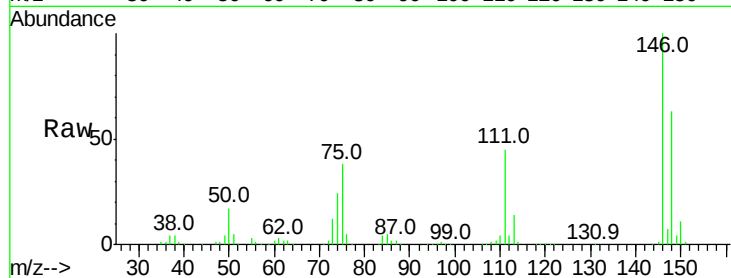
Tot Ion:146 Resp: 378915

Ion Ratio Lower Upper

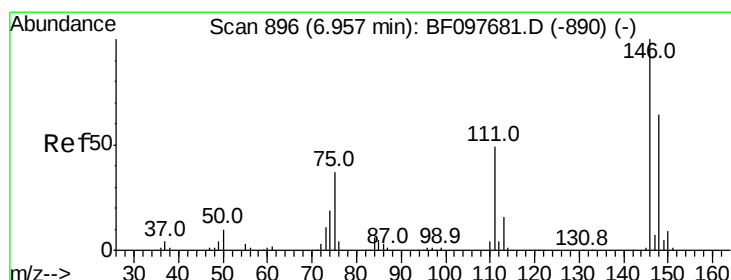
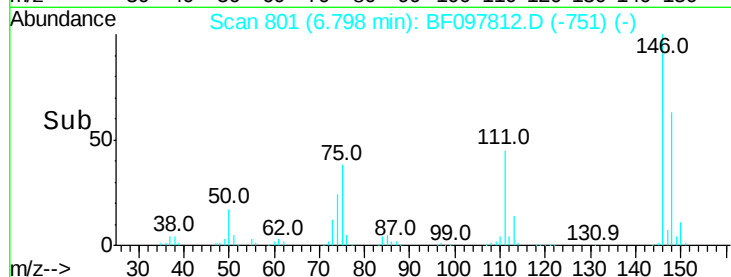
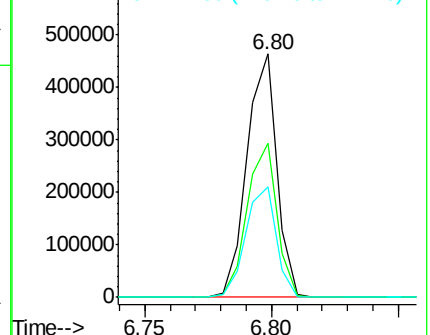
146 100

148 63.2 52.2 78.2

111 45.4 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 39.854 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

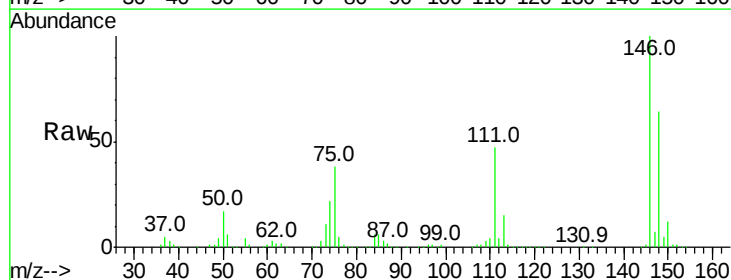
Tgt Ion:146 Resp: 348215

Ion Ratio Lower Upper

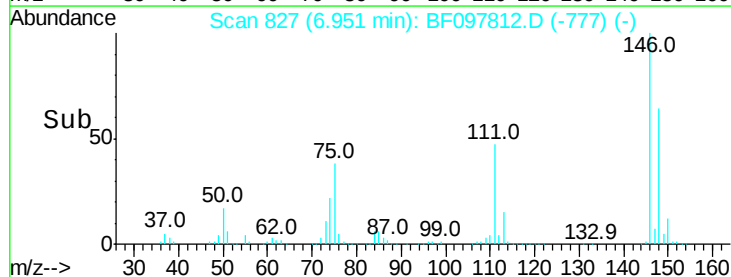
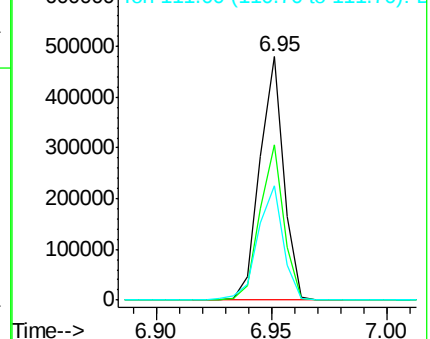
146 100

148 64.0 50.4 75.6

111 46.9 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 39.977 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

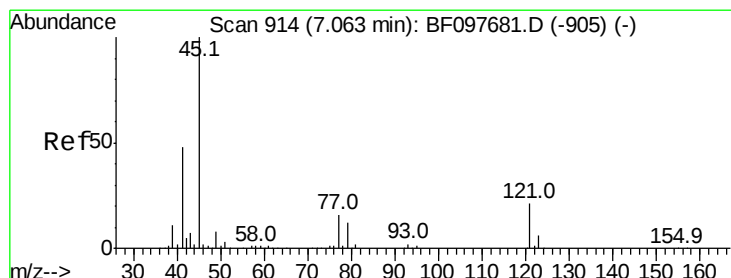
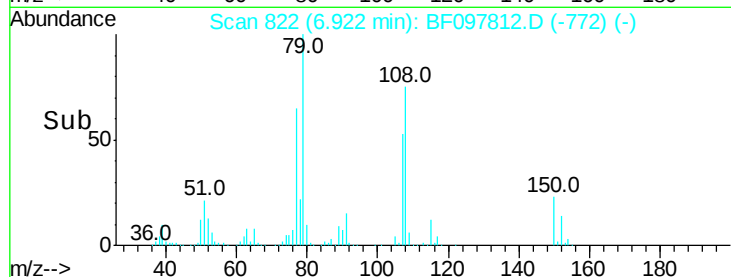
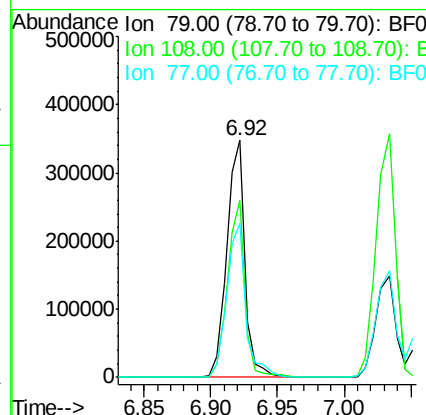
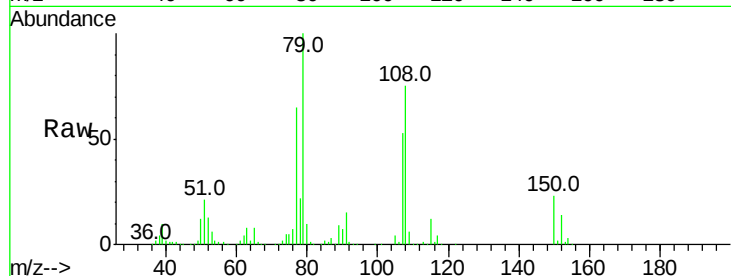
Tot Ion: 79 Resp: 334002

Ion Ratio Lower Upper

79 100

108 74.7 63.4 95.0

77 64.8 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.752 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

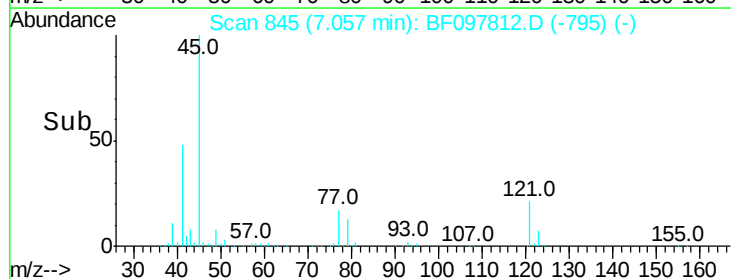
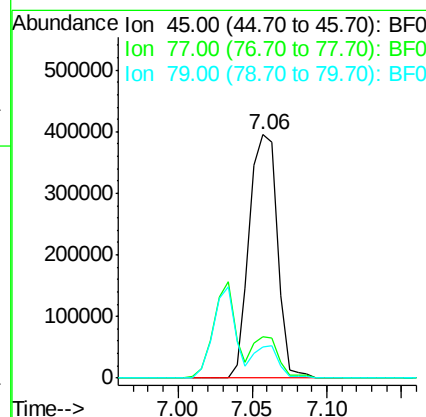
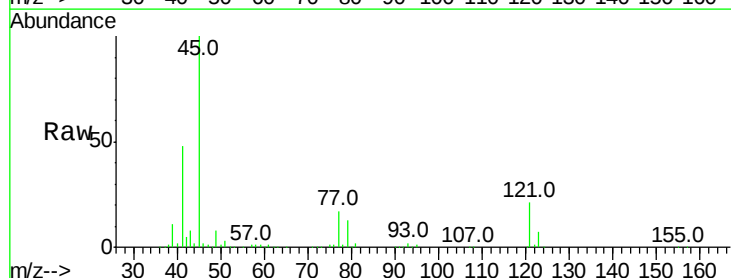
Tgt Ion: 45 Resp: 513612

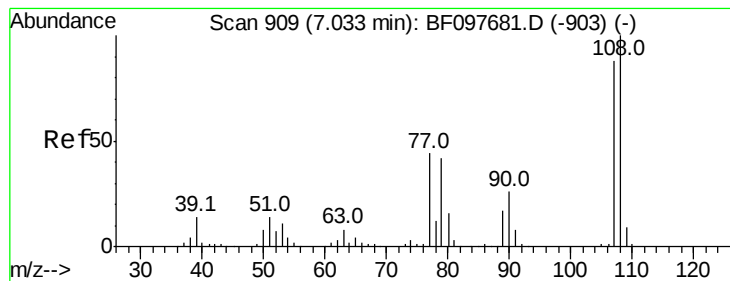
Ion Ratio Lower Upper

45 100

77 17.1 0.0 33.2

79 13.1 0.0 30.0

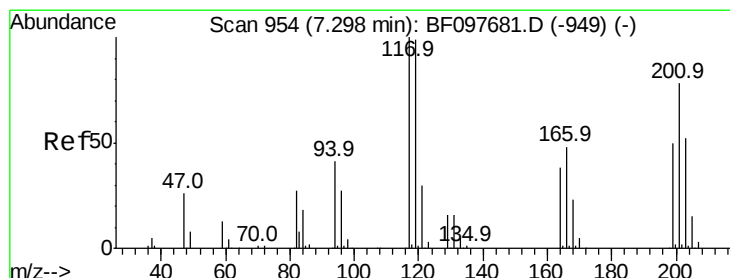
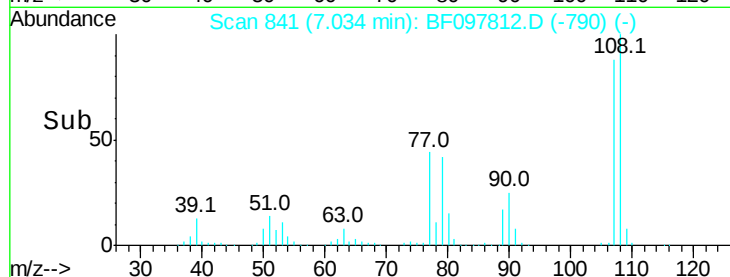
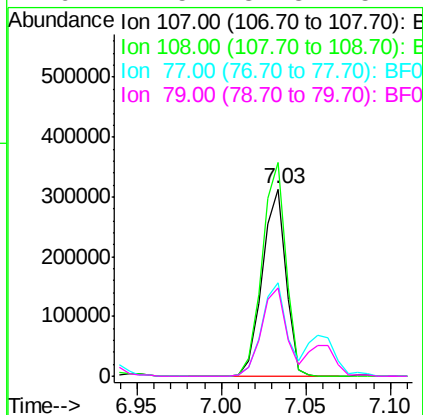
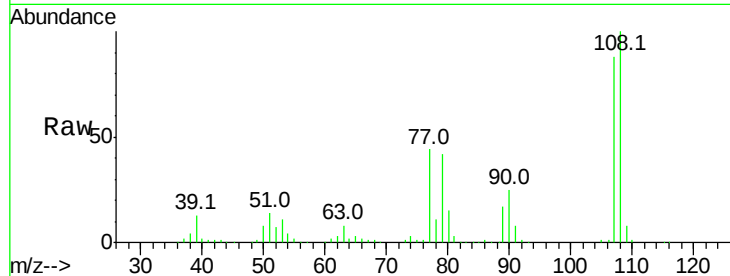




#17
2-Methylphenol
Concen: 39.864 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

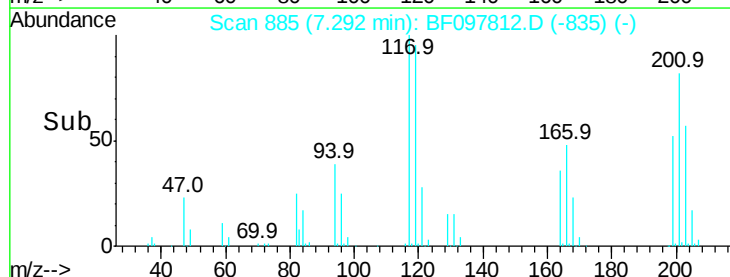
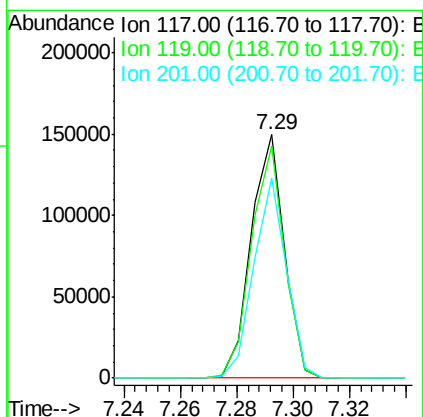
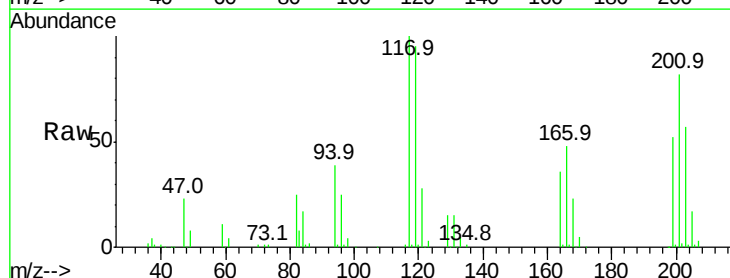
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

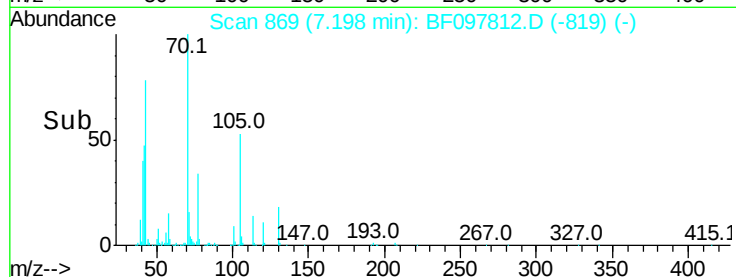
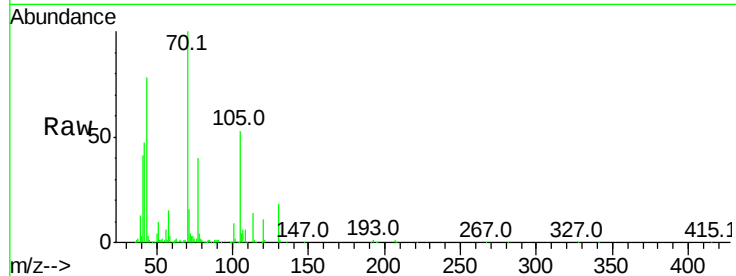
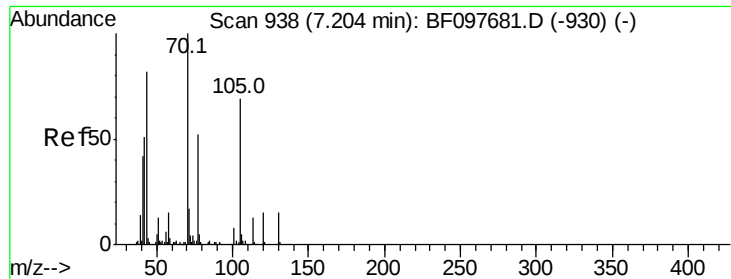
Tot Ion:	107	Resp:	304283
Ion	Ratio	Lower	Upper
107	100		
108	114.1	93.4	140.0
77	50.1	35.8	53.6
79	47.5	34.8	52.2



#18
Hexachloroethane
Concen: 32.815 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion:	117	Resp:	121909
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
201	82.4	94.6	141.8#

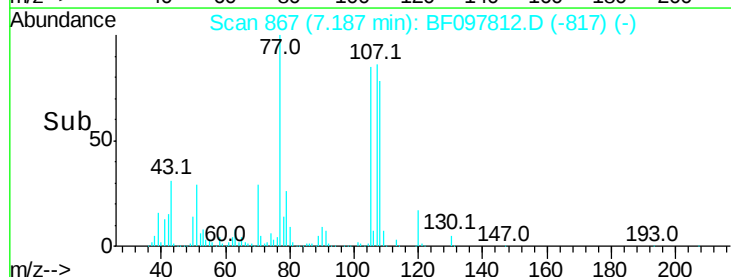
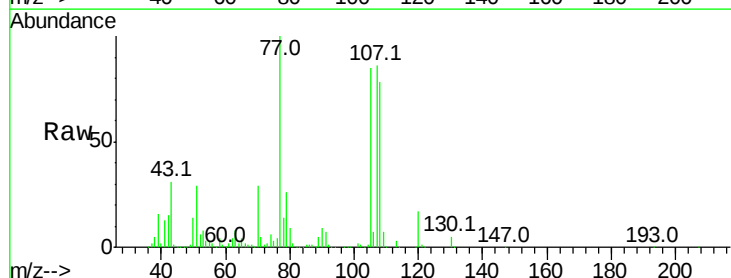
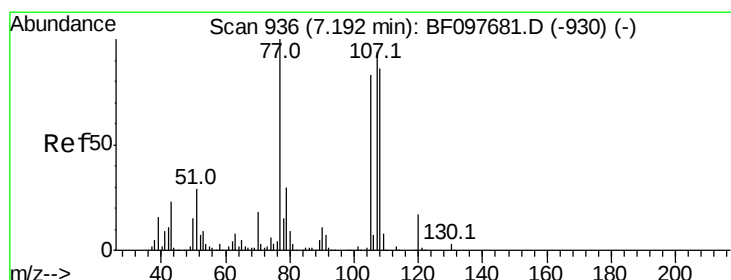
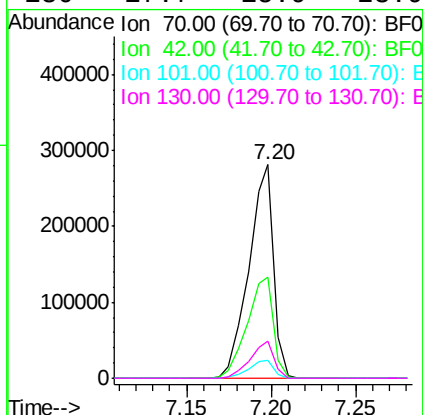




#19
n-Nitroso-di-n-propylamine
Concen: 37.526 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

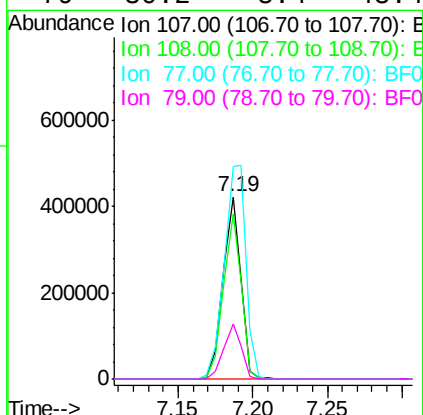
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

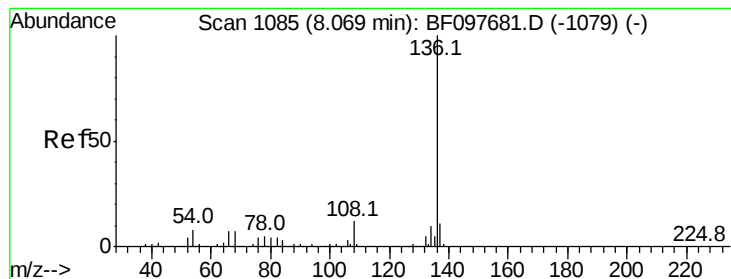
Tot Ion: 70 Resp: 286672
Ion Ratio Lower Upper
70 100
42 47.5 47.2 70.8
101 8.6 7.2 10.8
130 17.7 15.9 23.9



#20
3+4-Methylphenols
Concen: 38.573 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion: 107 Resp: 359619
Ion Ratio Lower Upper
107 100
108 90.9 71.0 111.0
77 116.7 90.5 130.5
79 30.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 436827

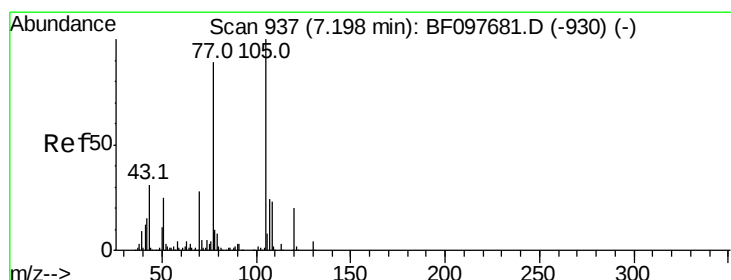
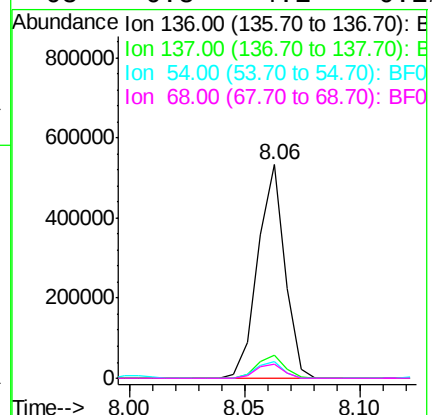
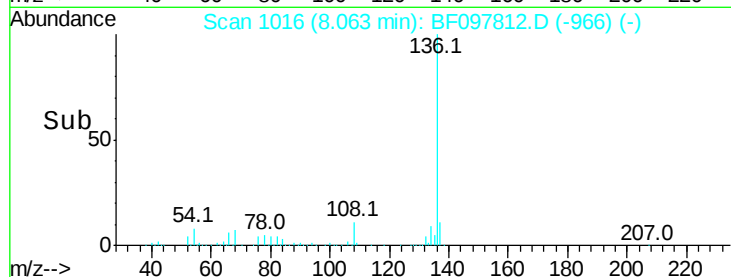
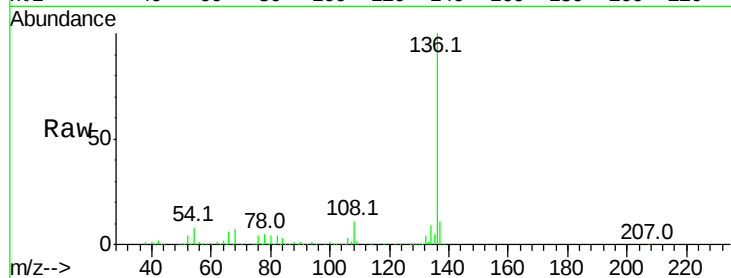
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.6 4.9 7.3#

68 6.8 4.1 6.1#



#22

Acetophenone

Concen: 41.704 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Tgt Ion:105 Resp: 481262

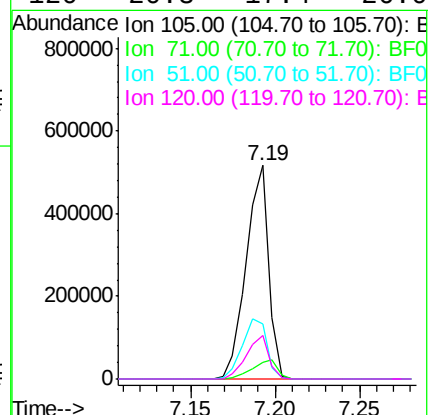
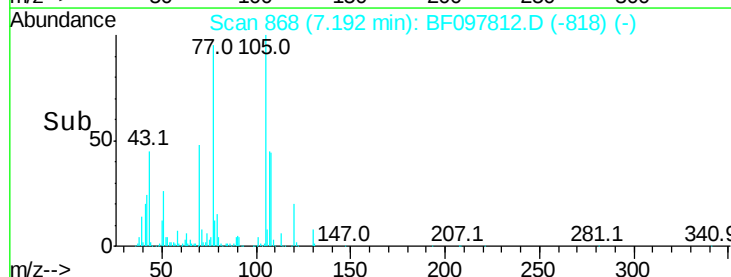
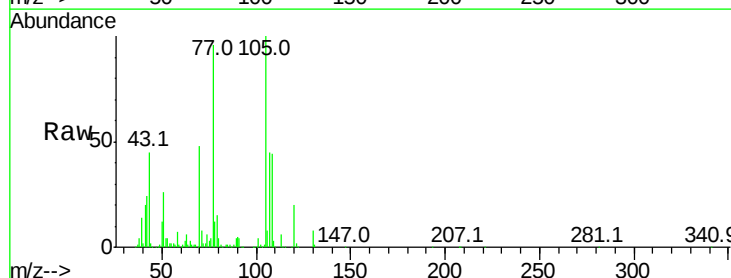
Ion Ratio Lower Upper

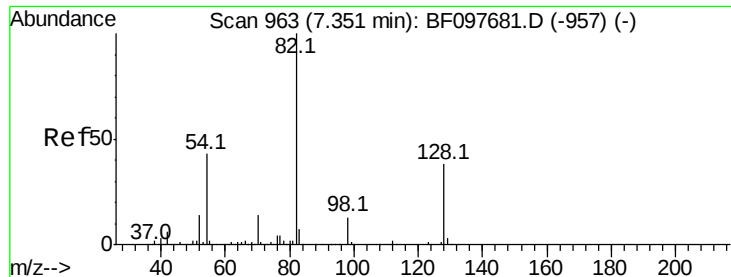
105 100

71 8.0 2.8 4.2#

51 25.8 30.7 46.1#

120 20.3 17.4 26.0

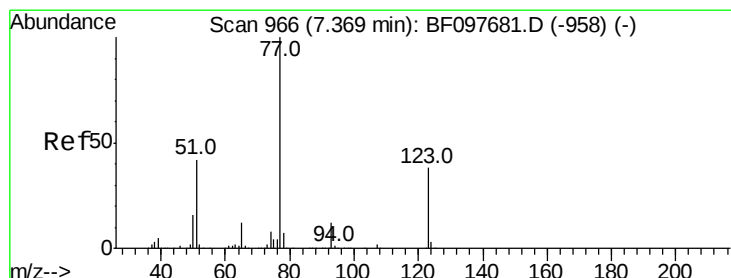
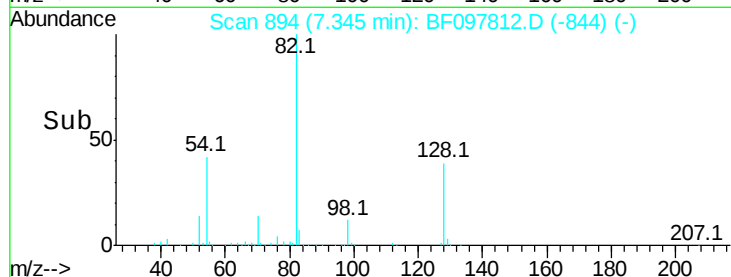
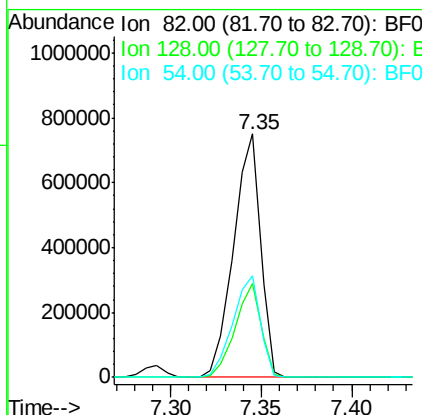
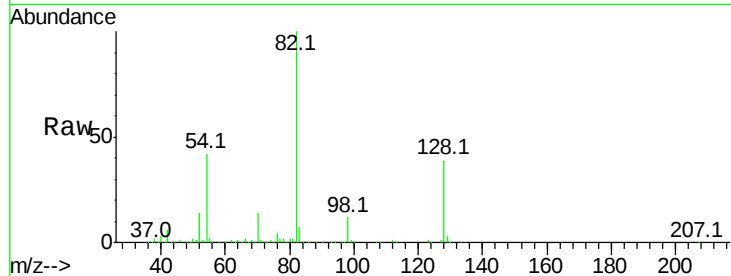




#23
Nitrobenzene-d5
Concen: 96.284 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

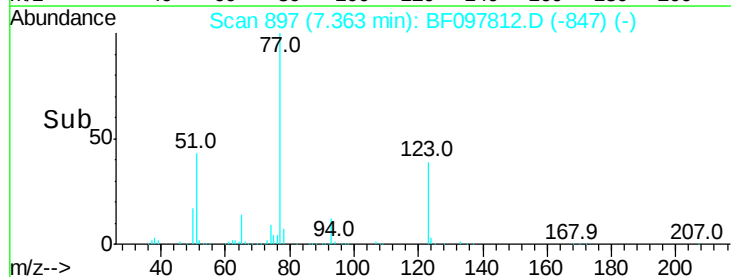
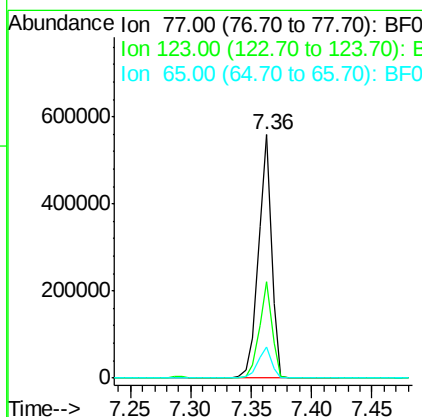
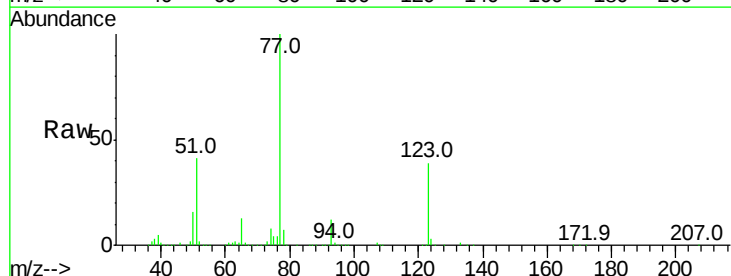
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

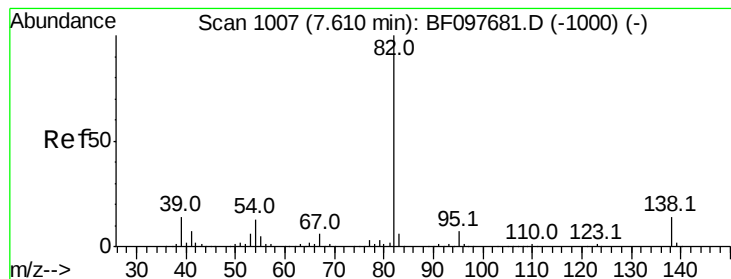
Tot Ion: 82 Resp: 774223
Ion Ratio Lower Upper
82 100
128 38.8 34.0 51.0
54 41.6 42.2 63.2#



#24
Nitrobenzene
Concen: 47.439 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion: 77 Resp: 424734
Ion Ratio Lower Upper
77 100
123 39.5 35.8 53.8
65 13.0 10.6 15.8





#25

Isophorone

Concen: 41.789 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

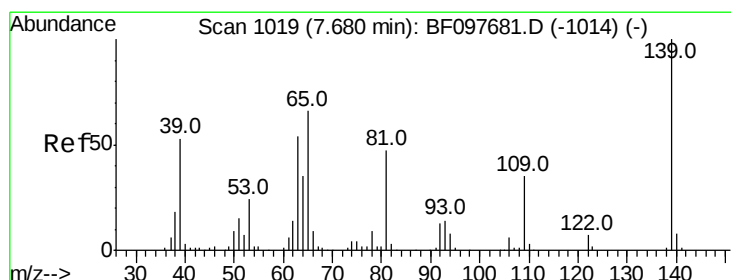
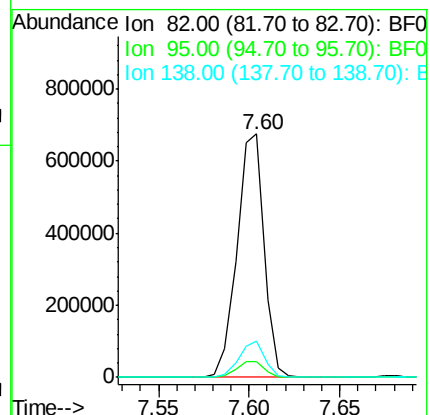
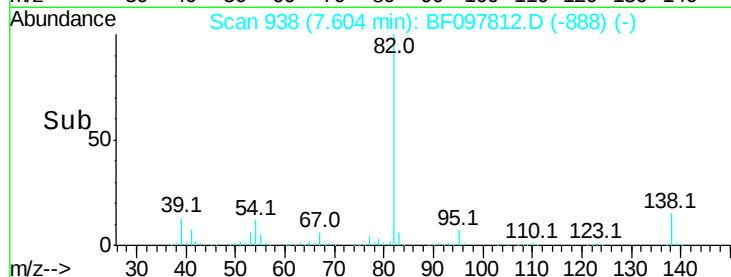
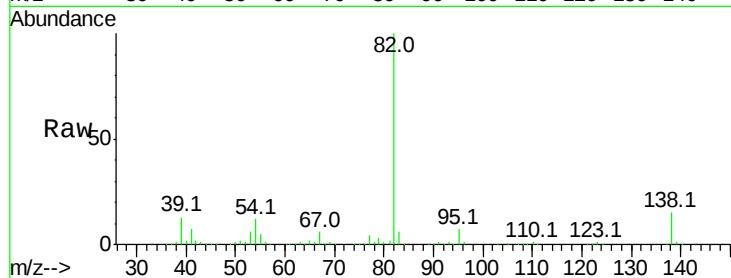
Tot Ion: 82 Resp: 698720

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 14.7 13.1 19.7



#26

2-Nitrophenol

Concen: 40.885 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

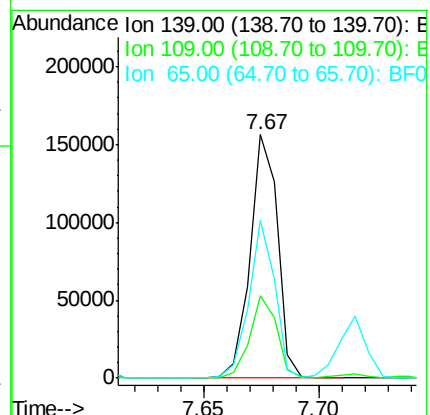
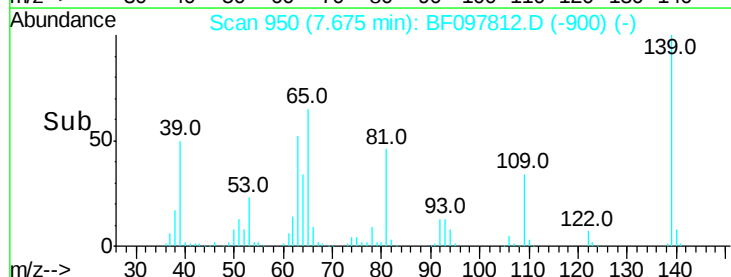
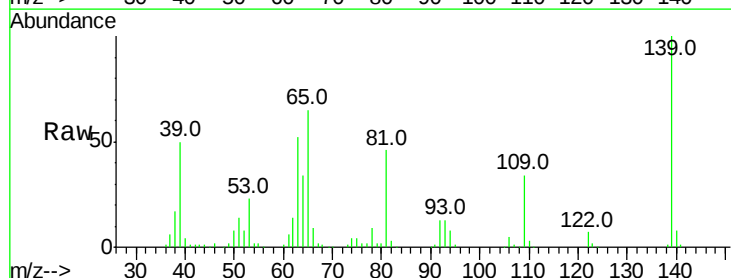
Tgt Ion:139 Resp: 129779

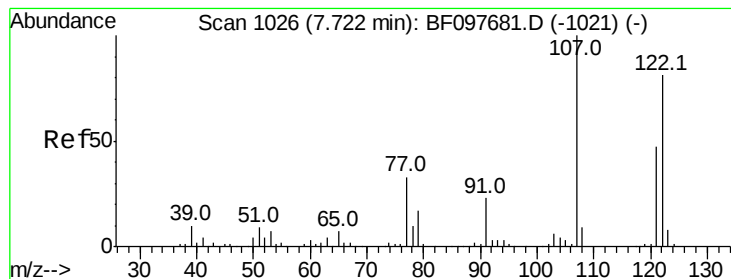
Ion Ratio Lower Upper

139 100

109 33.8 21.0 31.6#

65 65.1 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 42.197 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

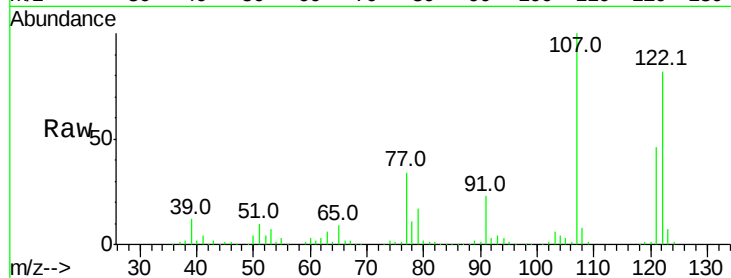
Tot Ion:122 Resp: 294253

Ion Ratio Lower Upper

122 100

107 121.5 89.2 133.8

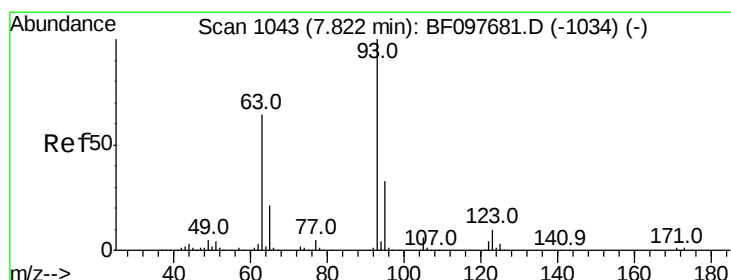
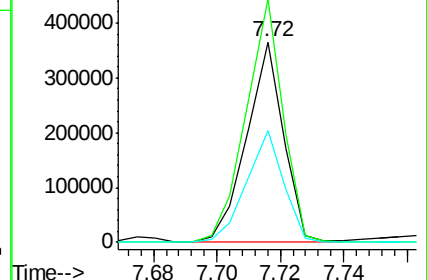
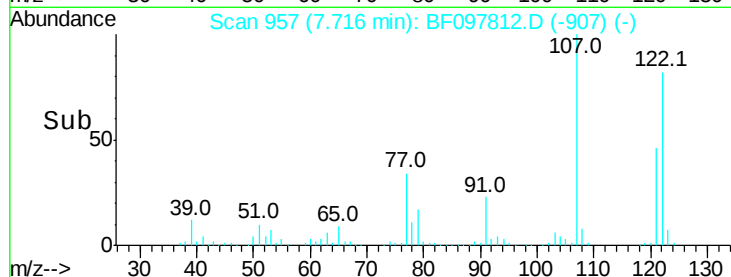
121 56.0 45.2 67.8



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: 42.291 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

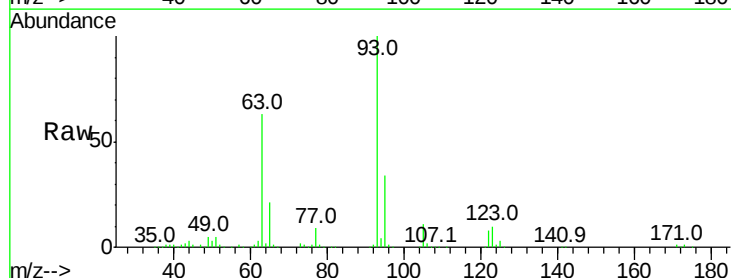
Tgt Ion: 93 Resp: 464880

Ion Ratio Lower Upper

93 100

95 33.6 26.5 39.7

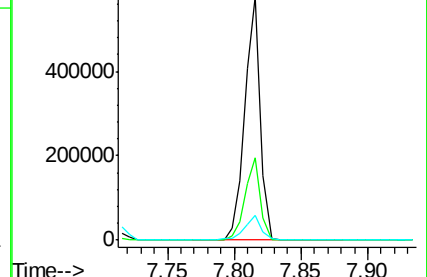
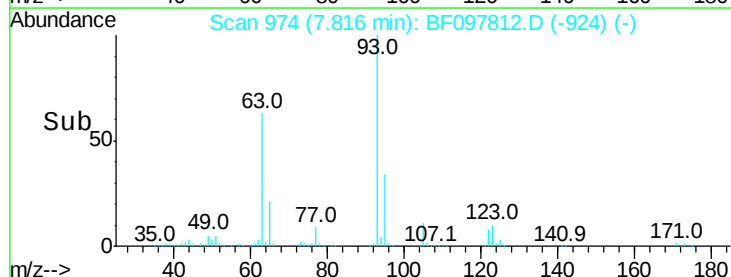
123 10.2 9.0 13.4

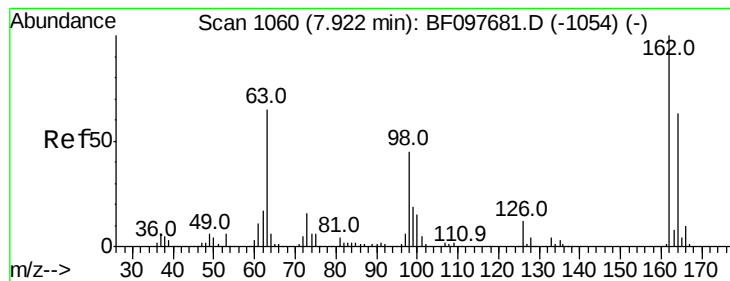


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.911 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

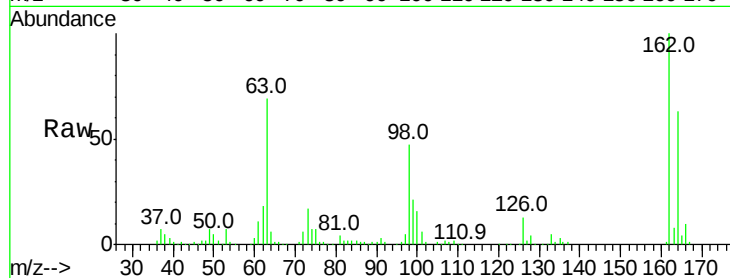
Tot Ion:162 Resp: 236814

Ion Ratio Lower Upper

162 100

164 62.7 44.6 84.6

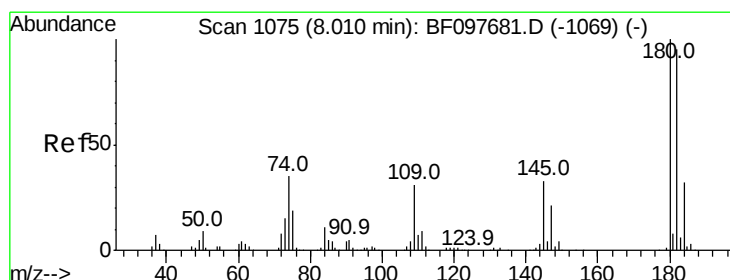
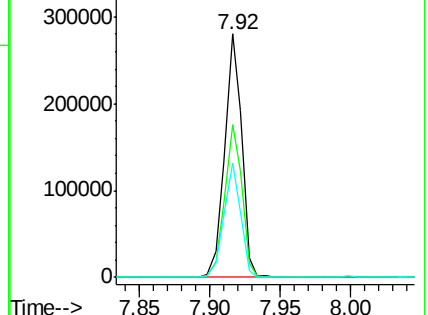
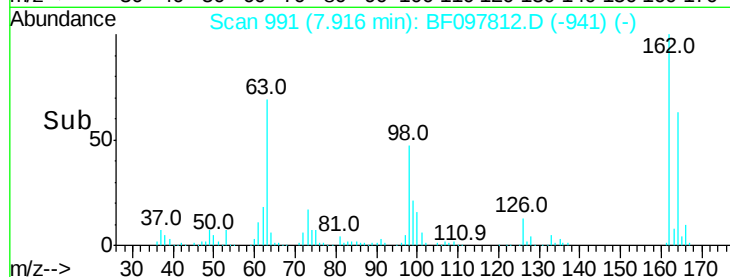
98 46.8 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.925 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

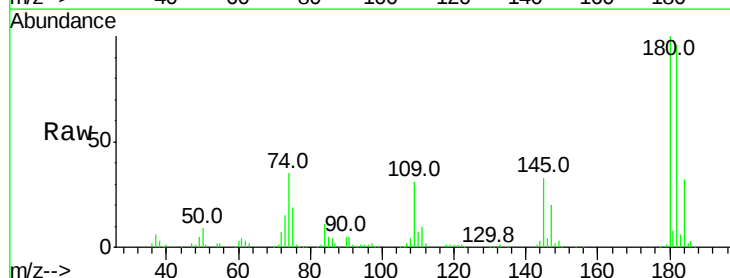
Tgt Ion:180 Resp: 262612

Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.6

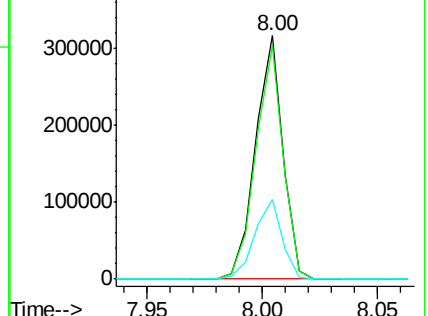
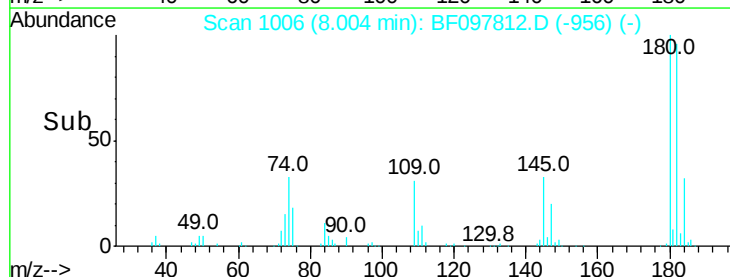
145 32.6 25.3 37.9

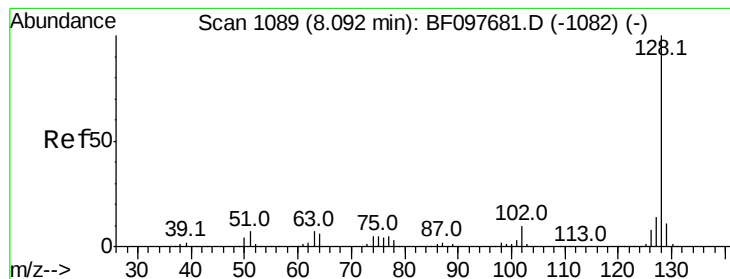


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.552 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

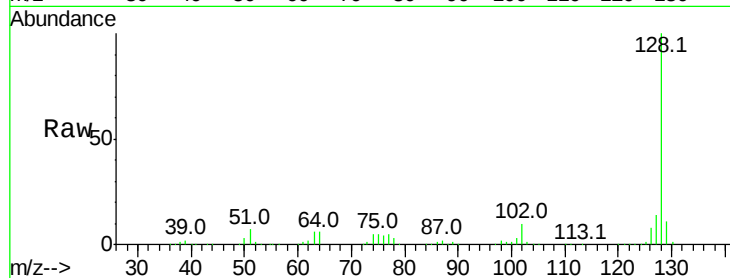
Tot Ion:128 Resp: 919637

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

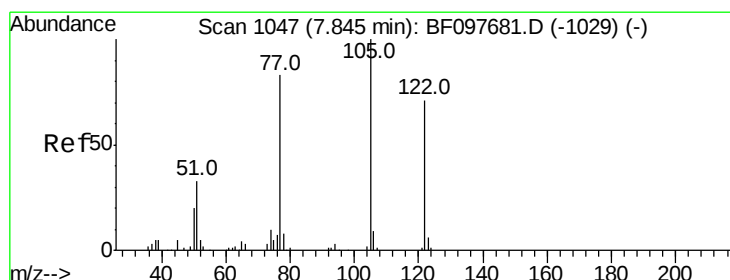
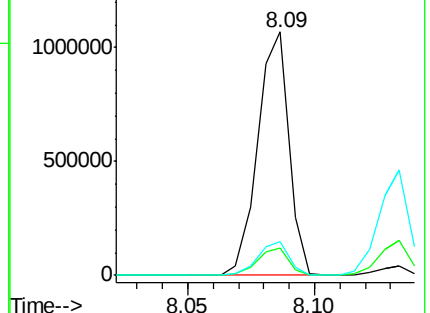
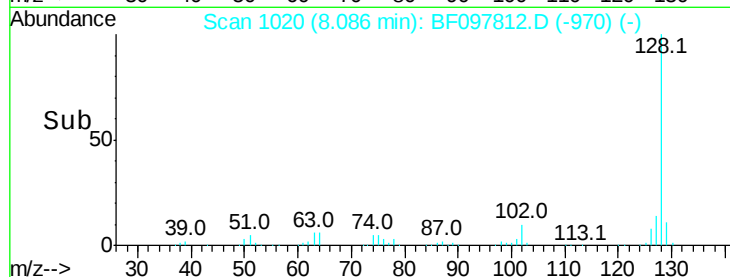
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.466 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

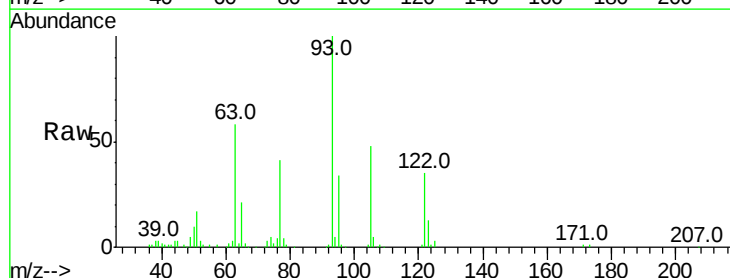
Tgt Ion:122 Resp: 170386

Ion Ratio Lower Upper

122 100

105 139.7 103.3 143.3

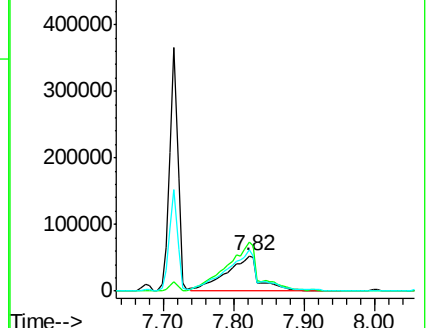
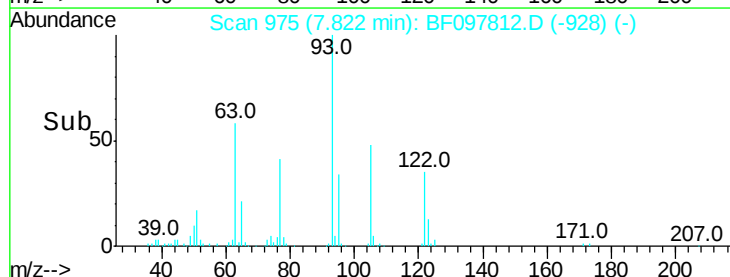
77 118.2 73.7 113.7#

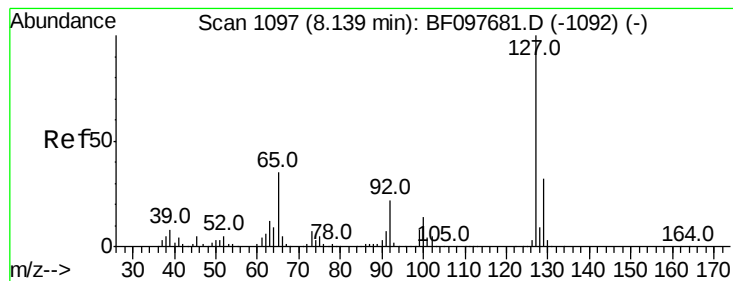


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 40.138 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 383885

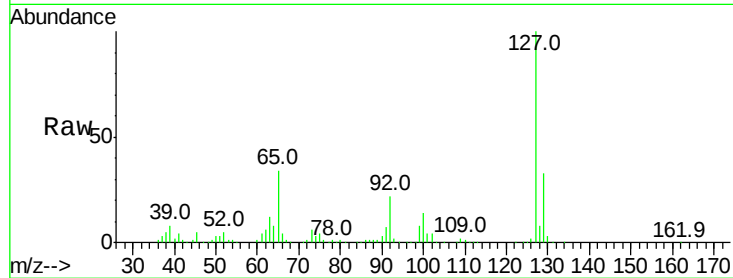
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.2

65 33.9 27.8 41.8

92 21.6 16.8 25.2

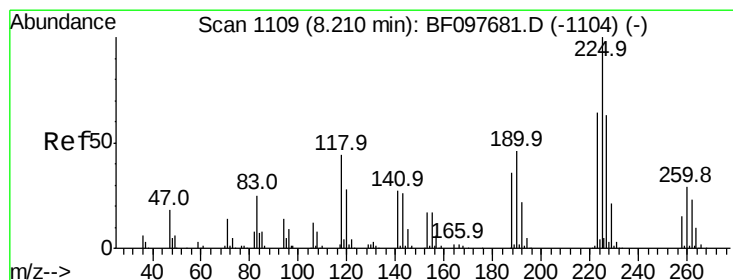
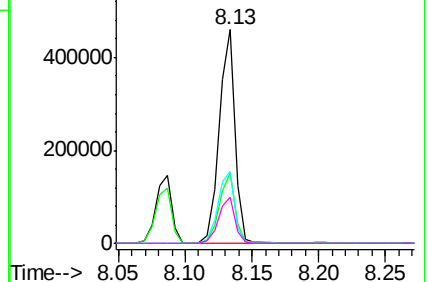
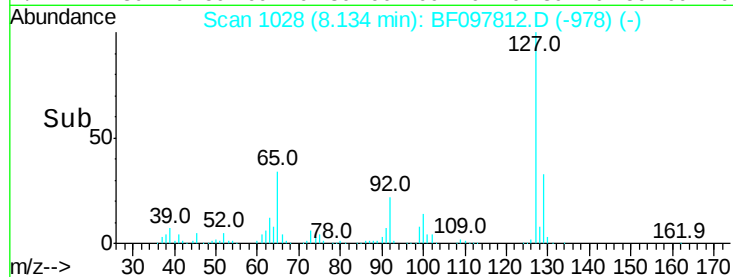


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.932 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

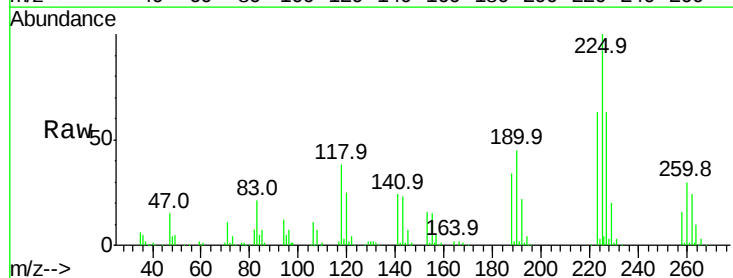
Tgt Ion:225 Resp: 160851

Ion Ratio Lower Upper

225 100

223 63.4 48.8 73.2

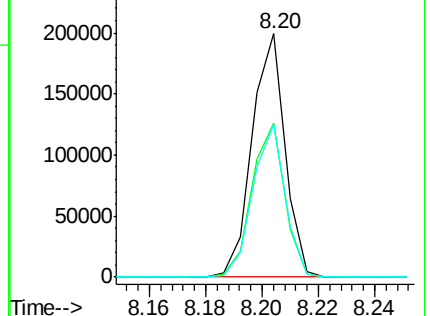
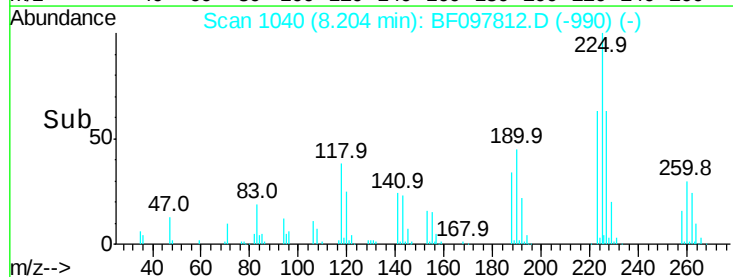
227 62.9 51.1 76.7

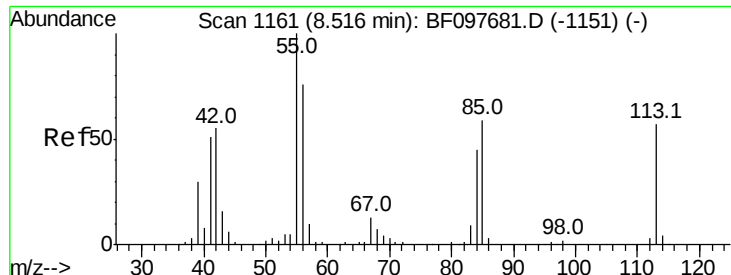


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

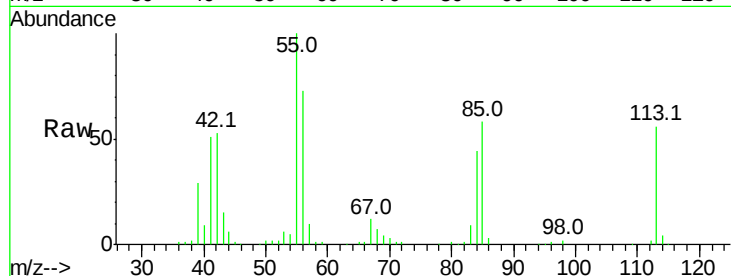




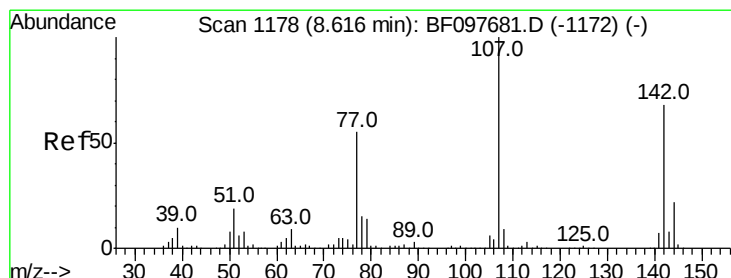
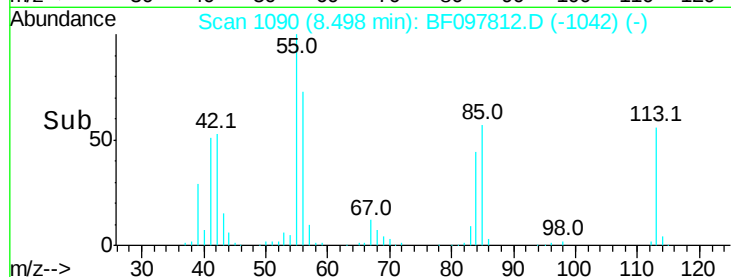
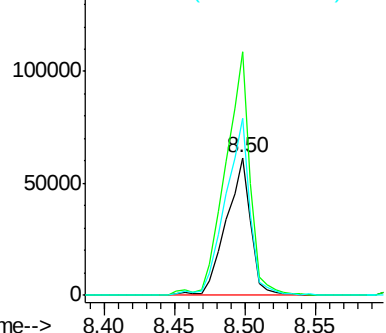
#35
 Caprolactam
 Concen: 38.311 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 75390
 Ion Ratio Lower Upper
 113 100
 55 177.1 150.2 190.2
 56 129.0 107.8 147.8

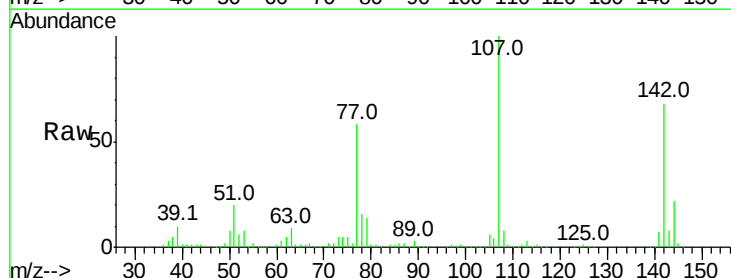


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

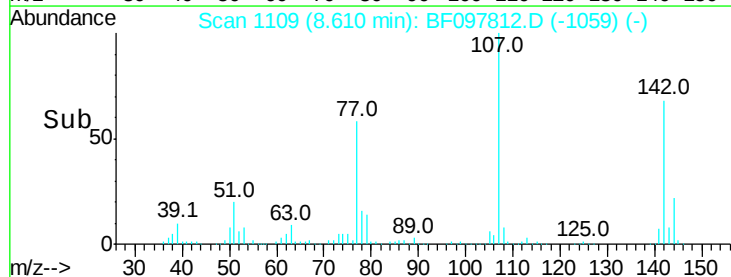
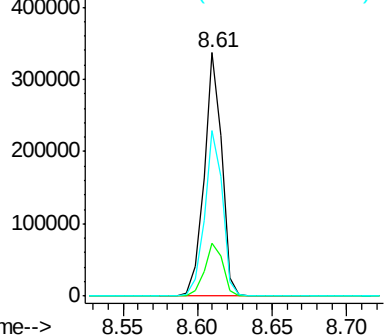


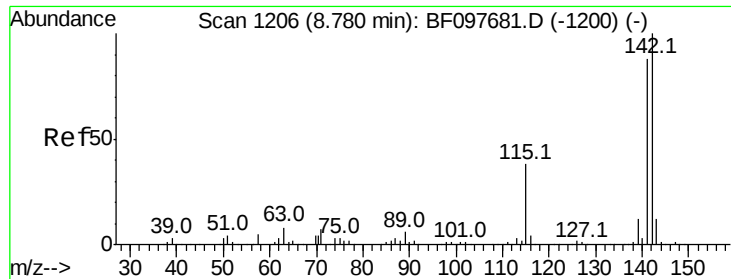
#36
 4-Chloro-3-methylphenol
 Concen: 37.944 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion:107 Resp: 282194
 Ion Ratio Lower Upper
 107 100
 144 21.5 24.2 36.4#
 142 67.8 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

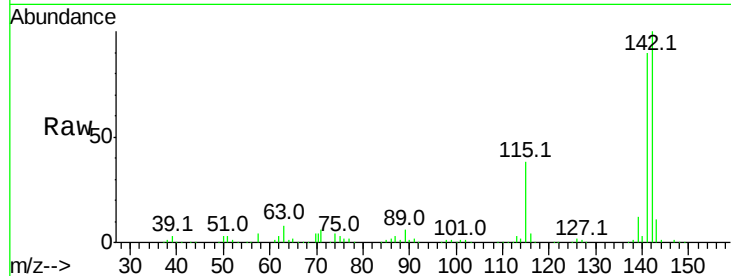




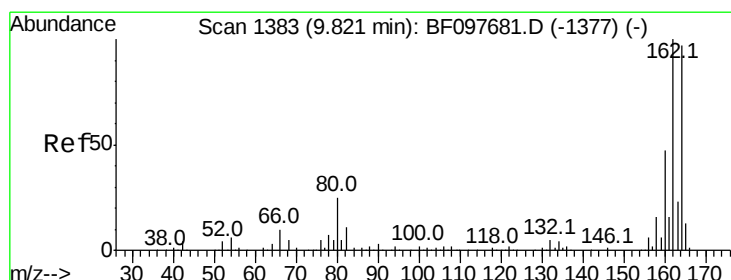
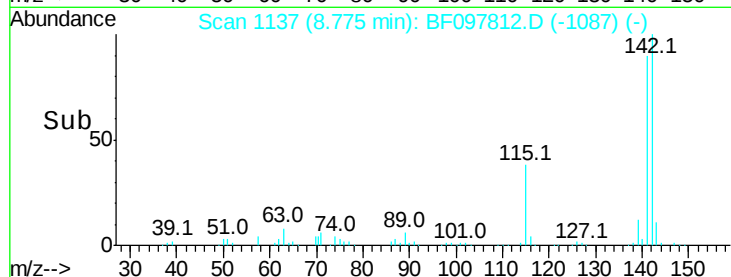
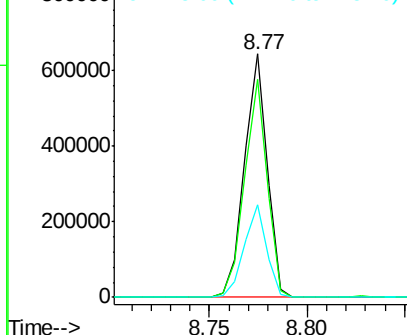
#37
 2-Methylnaphthalene
 Concen: 37.524 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	37.9	27.1	40.7

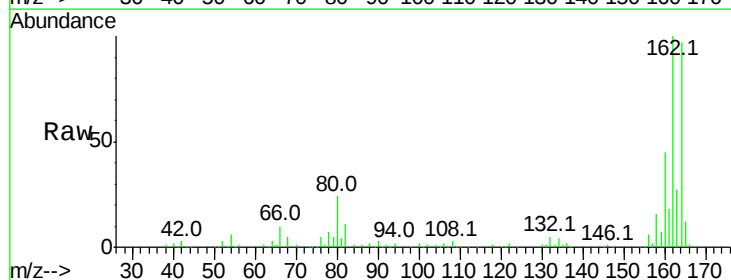


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

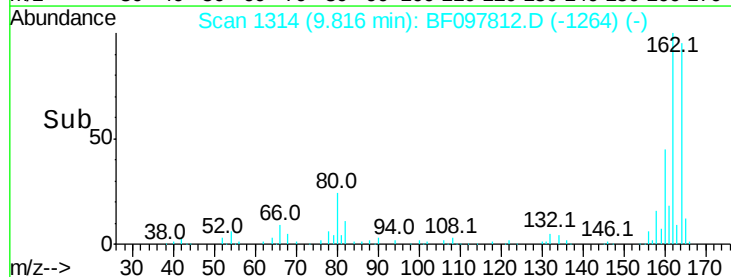
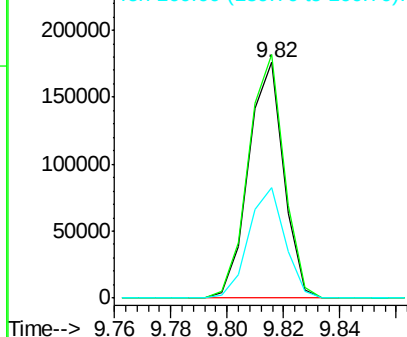


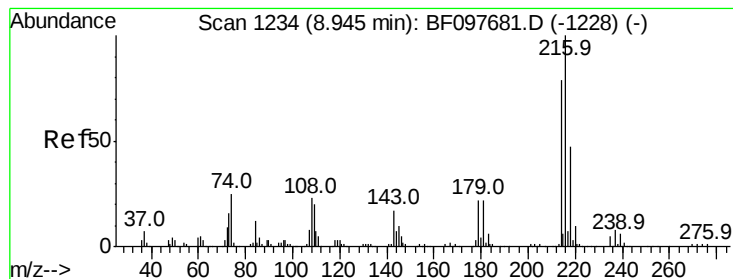
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	46.6	36.2	54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.532 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 221307

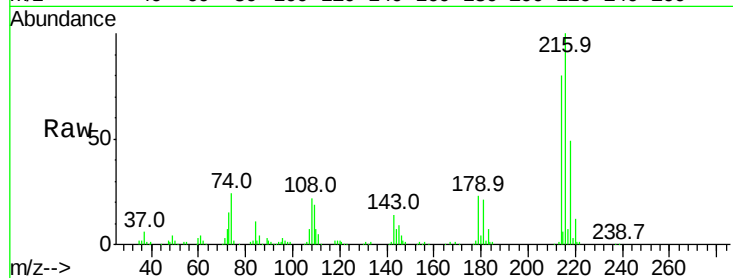
Ion Ratio Lower Upper

216 100

214 80.9 63.4 95.2

179 22.1 17.9 26.9

108 22.8 16.5 24.7

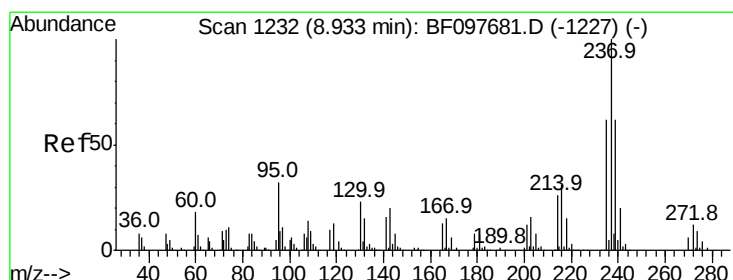
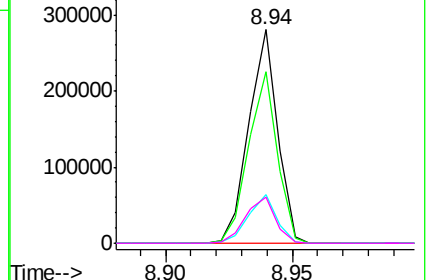
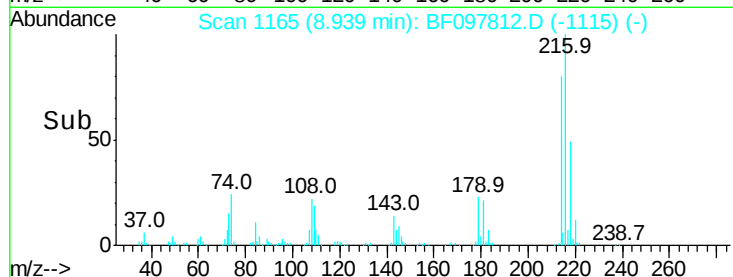


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 6.028 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

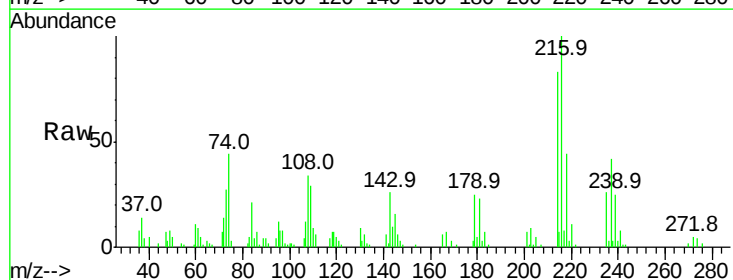
Tgt Ion:237 Resp: 13484

Ion Ratio Lower Upper

237 100

235 61.8 42.6 82.6

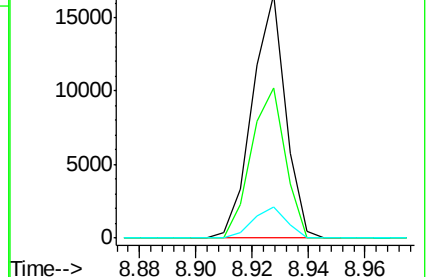
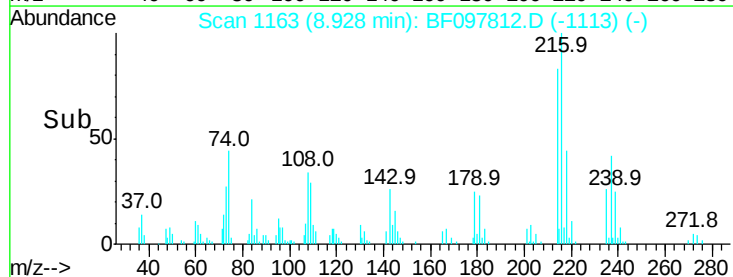
272 12.8 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 77.179 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

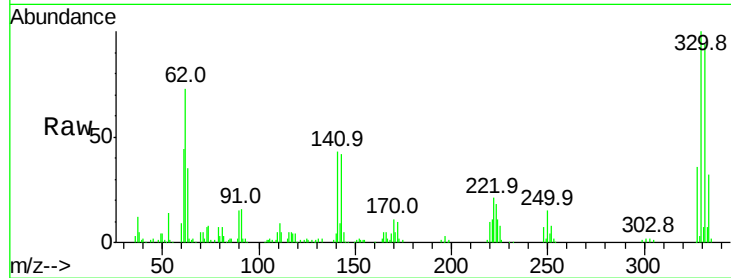
Tot Ion:330 Resp: 101595

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

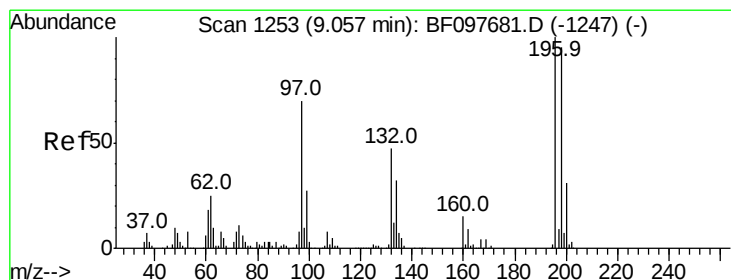
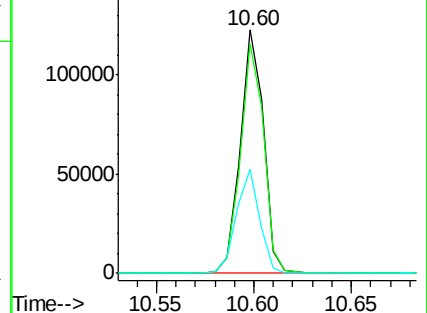
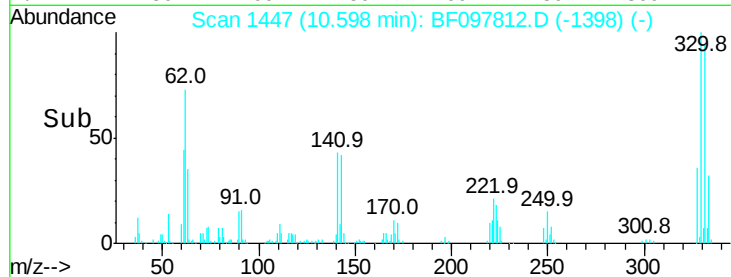
141 42.5 31.4 47.2



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: 44.942 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

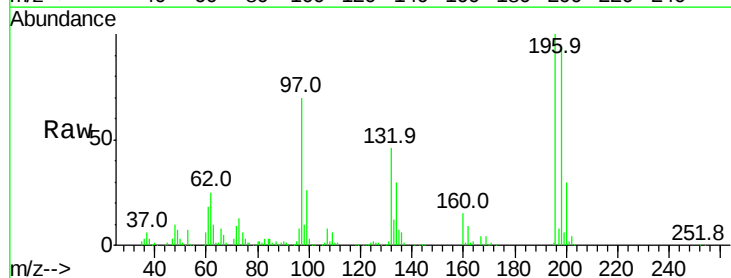
Tgt Ion:196 Resp: 140486

Ion Ratio Lower Upper

196 100

198 94.0 74.2 111.4

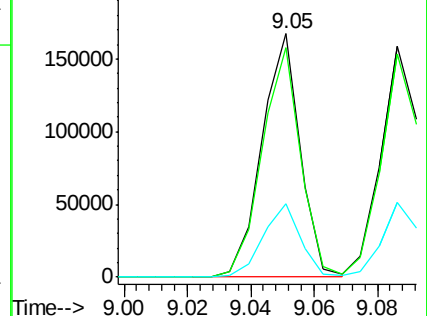
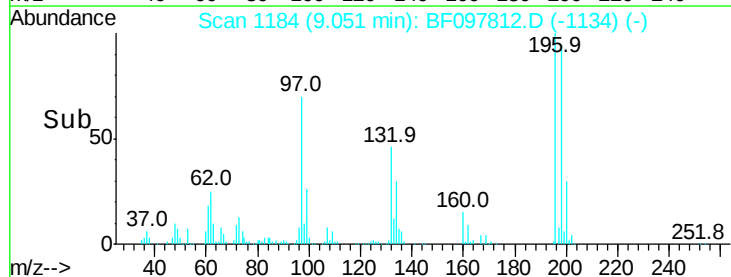
200 30.0 24.0 36.0



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

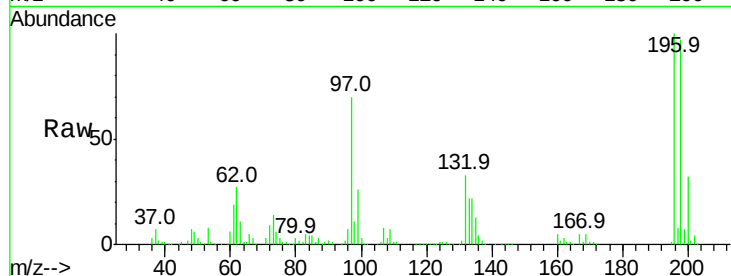




#43
 2,4,5-Trichlorophenol
 Concen: 43.605 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	135224
Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
97	69.8	47.7	71.5
132	32.7	28.0	42.0



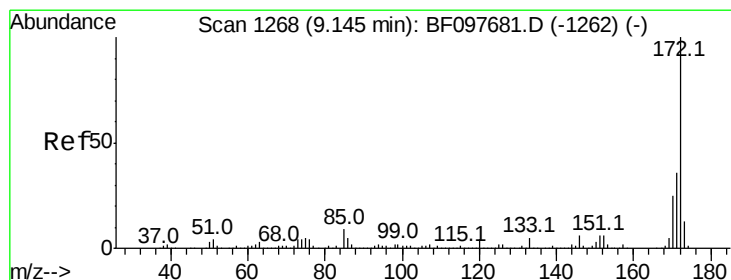
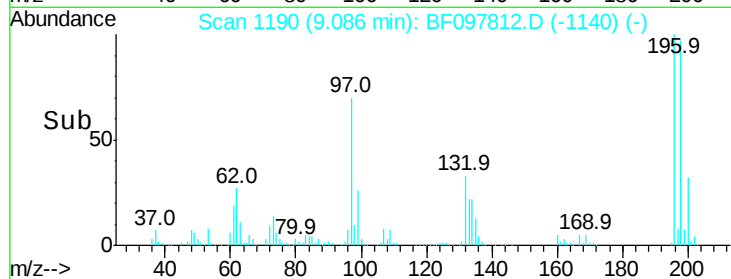
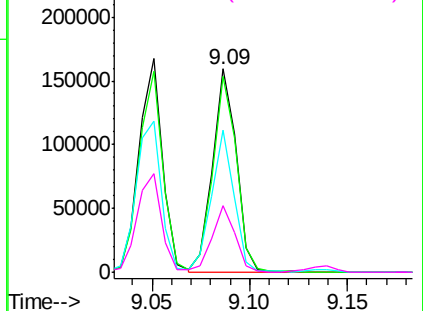
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

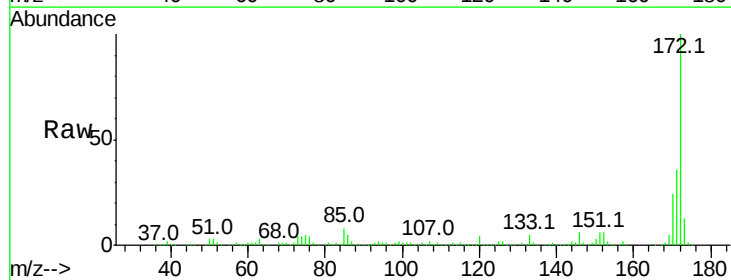
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.290 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion:	172	Resp:	953003
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.4	19.8	29.8

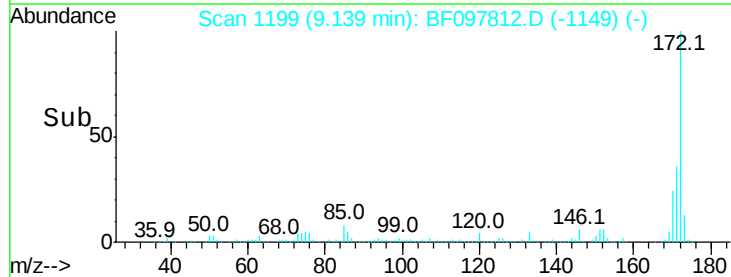
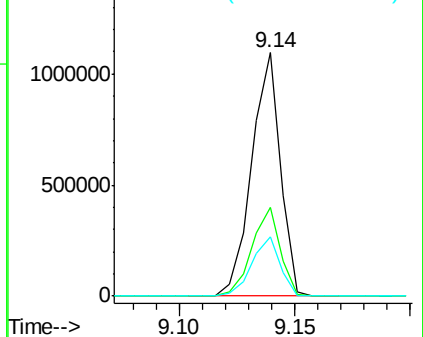


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.567 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

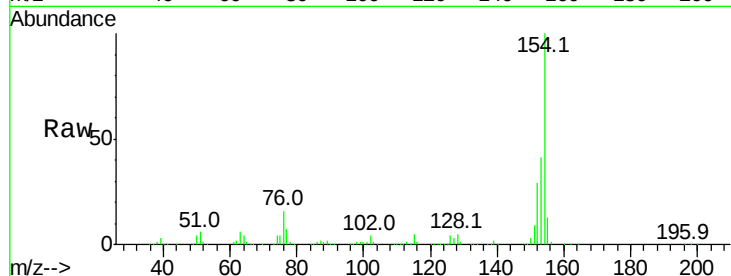
Tot Ion:154 Resp: 630406

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

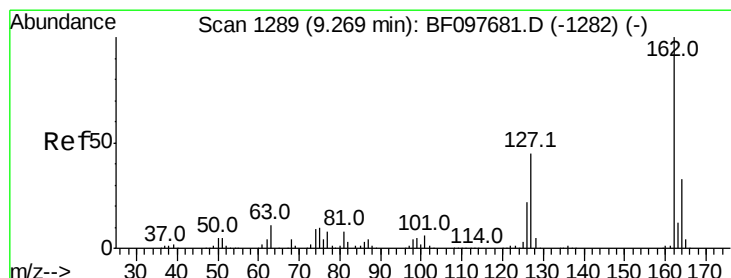
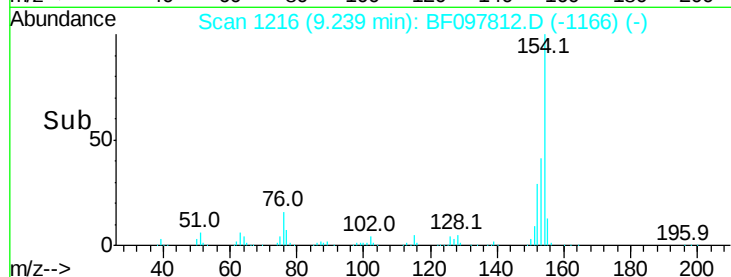
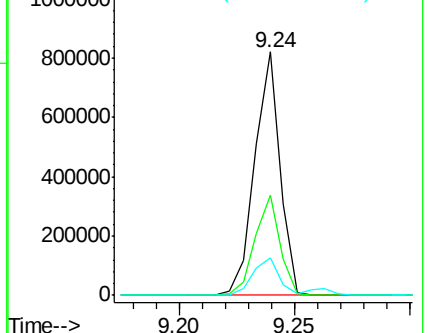
76 15.6 0.0 29.9



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: 44.272 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

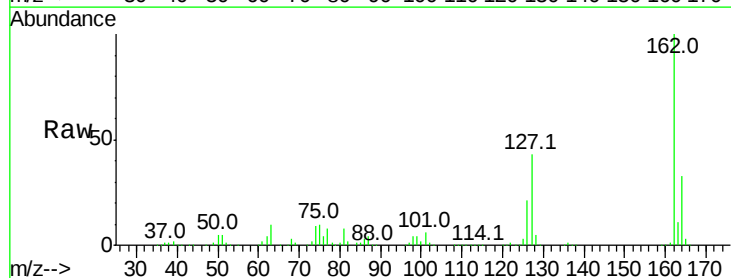
Tgt Ion:162 Resp: 452555

Ion Ratio Lower Upper

162 100

127 43.3 28.3 42.5#

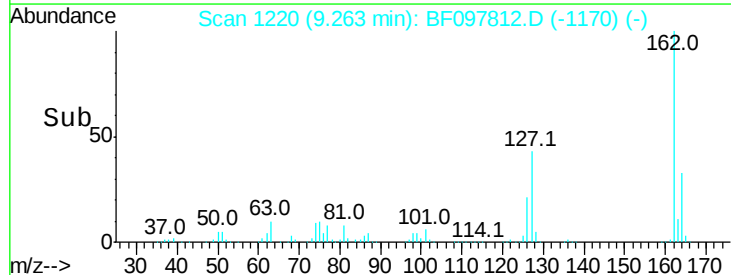
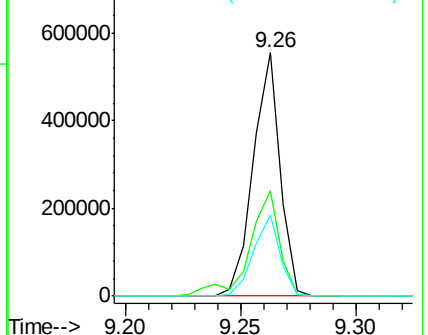
164 33.1 27.0 40.4

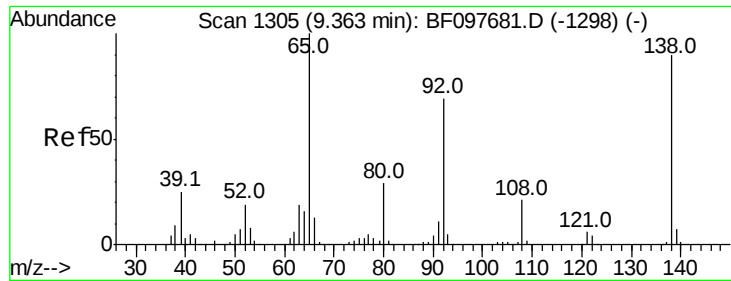


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

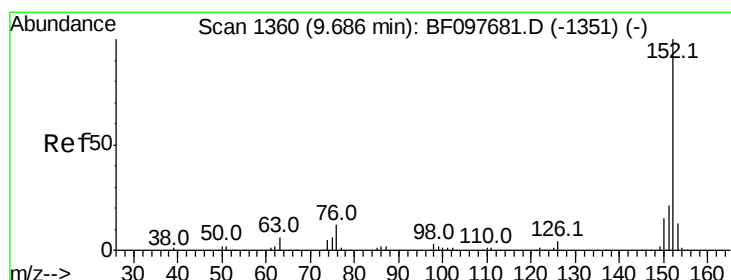
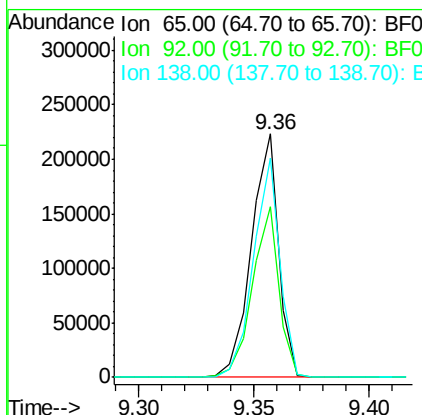
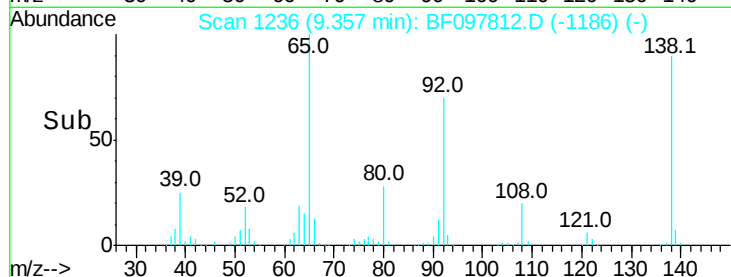
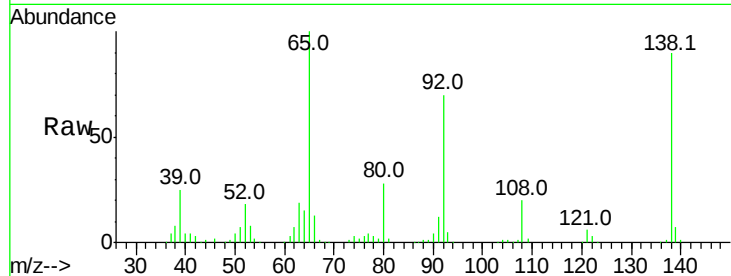




#47
 2-Nitroaniline
 Concen: 53.816 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

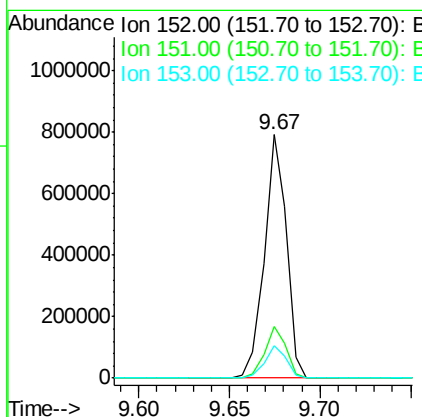
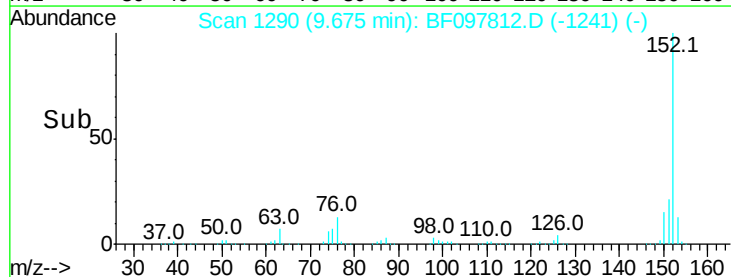
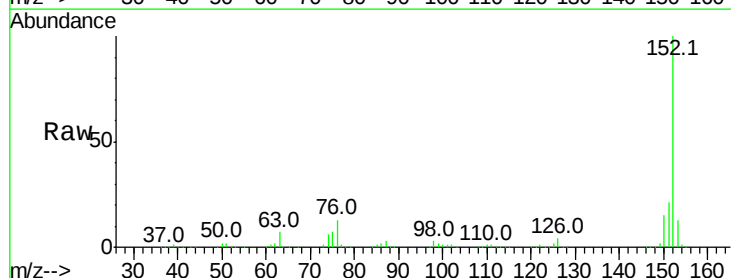
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

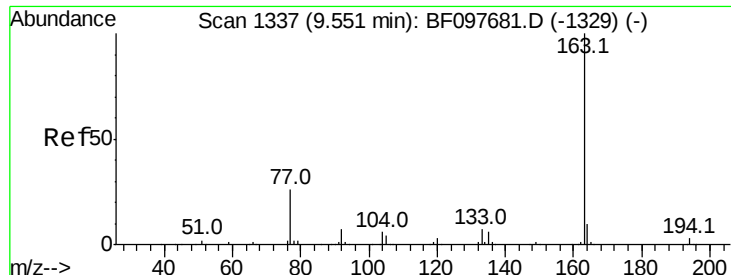
Tot Ion: 65 Resp: 184421
 Ion Ratio Lower Upper
 65 100
 92 70.0 53.9 80.9
 138 89.9 78.8 118.2



#48
 Acenaphthylene
 Concen: 41.569 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion: 152 Resp: 667289
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.8 25.2
 153 13.2 10.8 16.2

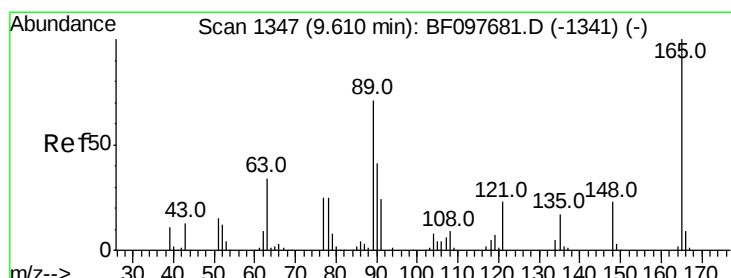
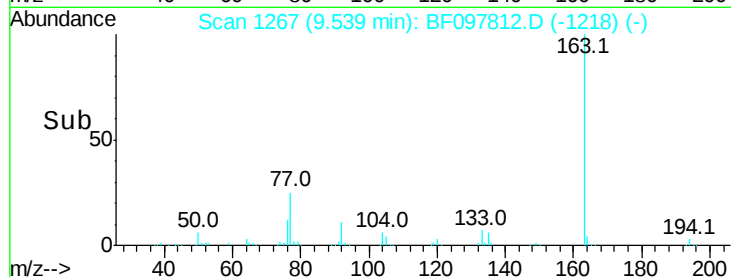
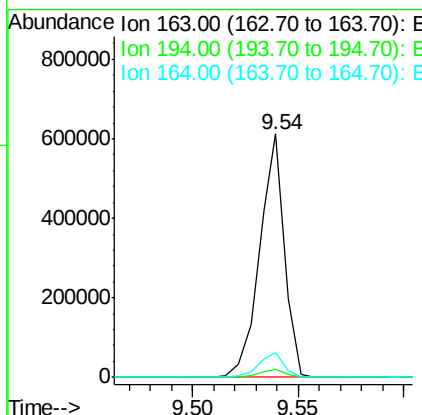
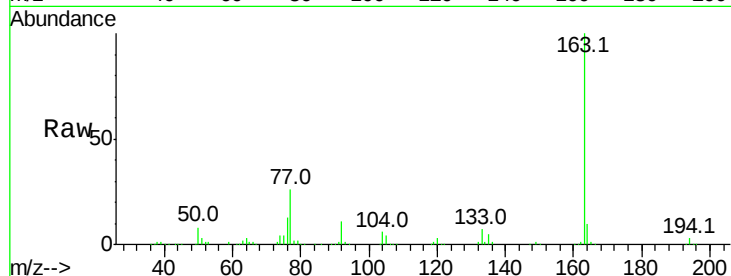




#49
Dimethylphthalate
Concen: 44.870 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

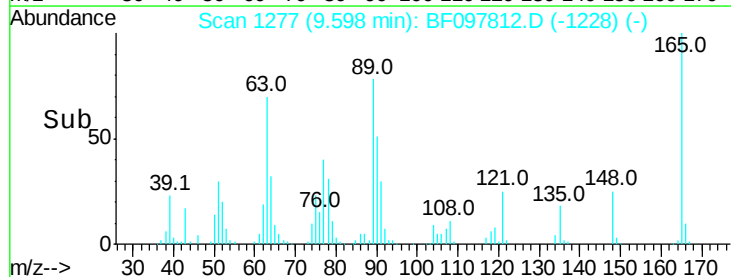
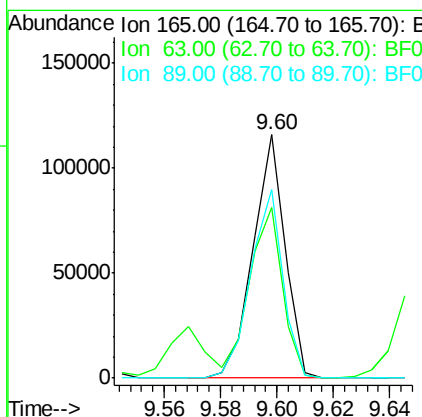
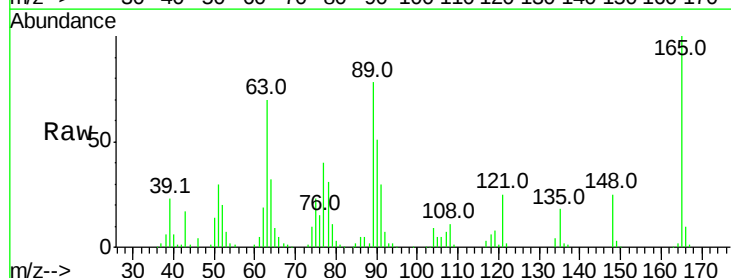
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

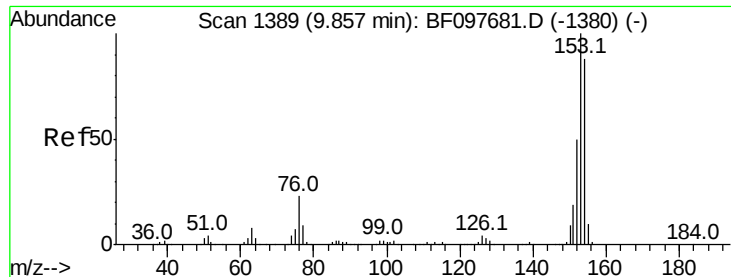
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 41.148 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.9	34.3	51.5#
89	77.6	37.1	55.7#





#51

Acenaphthene

Concen: 39.556 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

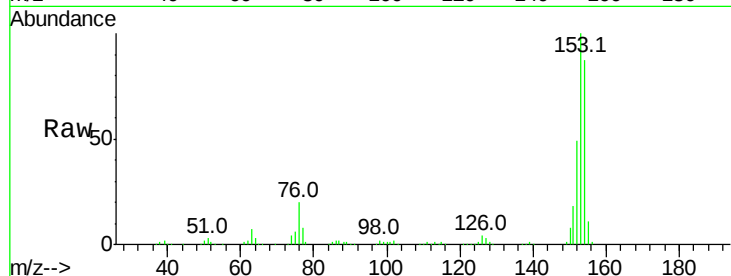
Tot Ion:154 Resp: 400465

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

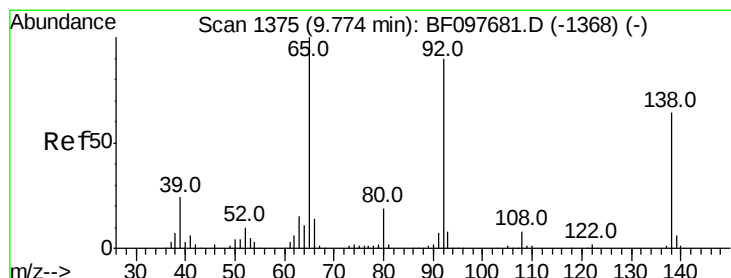
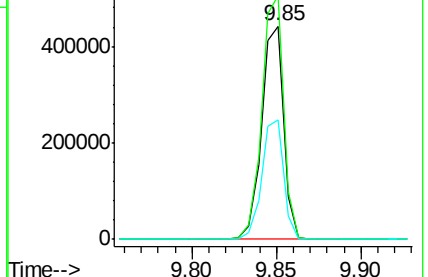
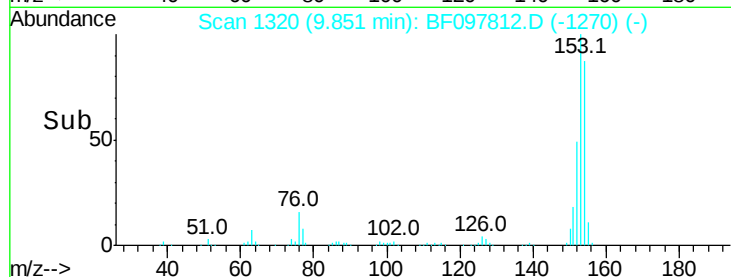
152 56.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.899 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

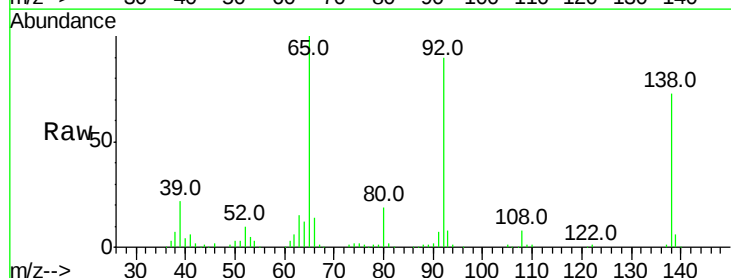
Tgt Ion:138 Resp: 136797

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

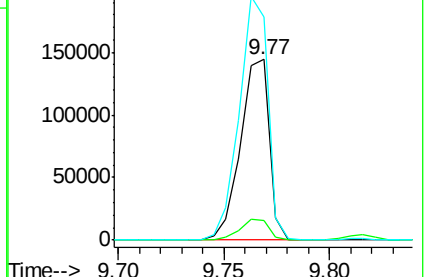
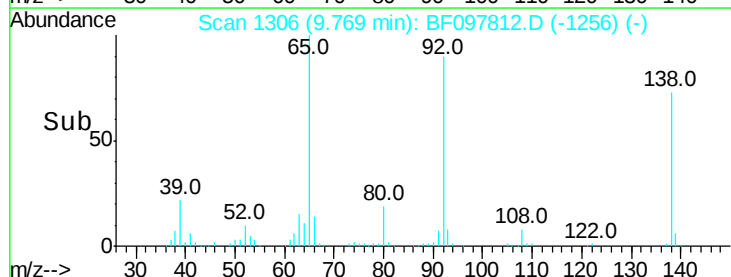
92 124.0 93.8 140.6

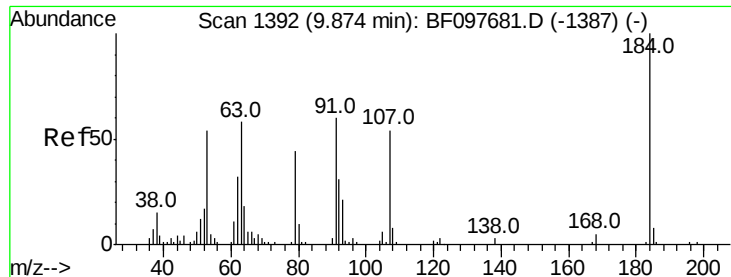


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

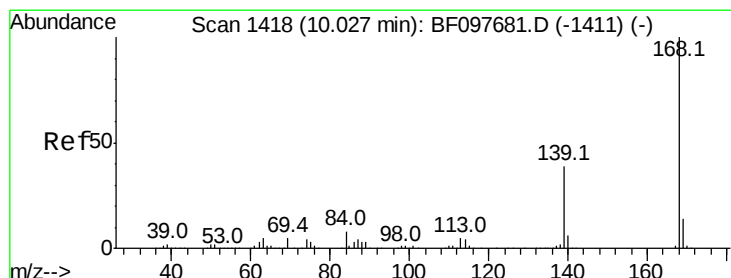
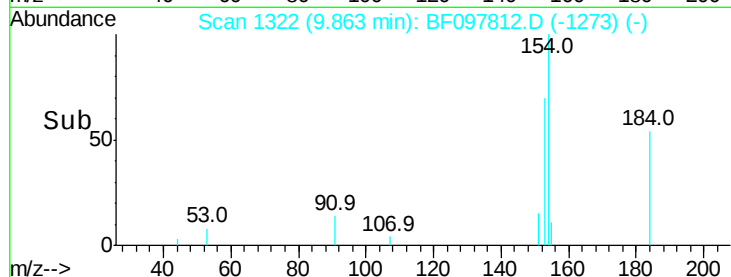
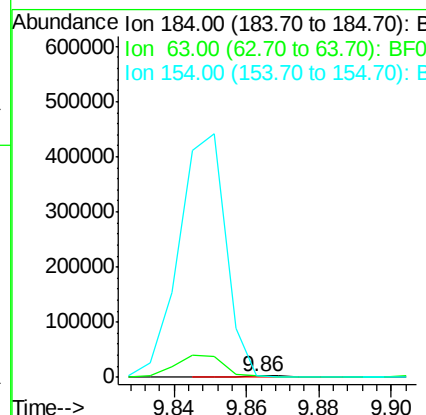
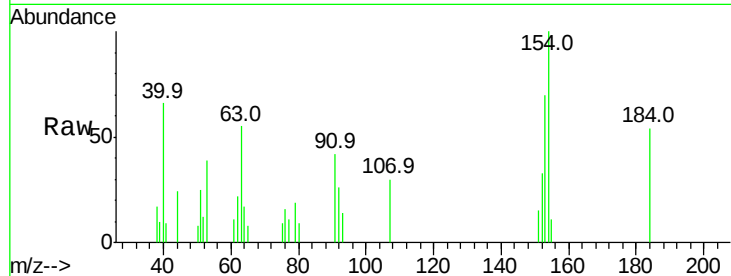




#53
 2,4-Dinitrophenol
 Concen: 11.819 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

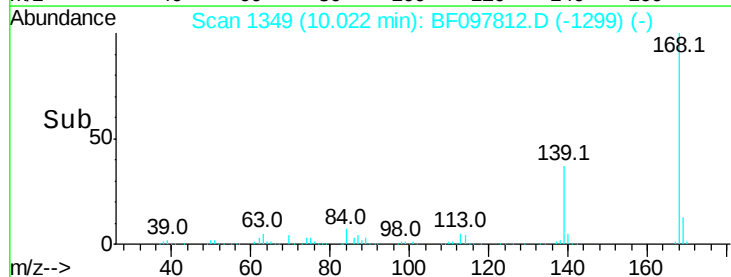
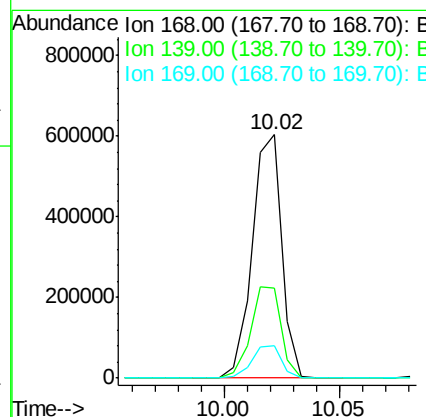
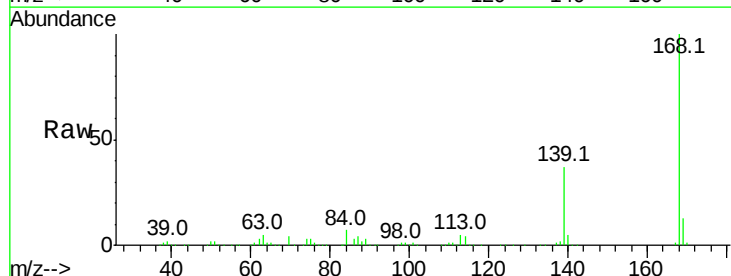
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

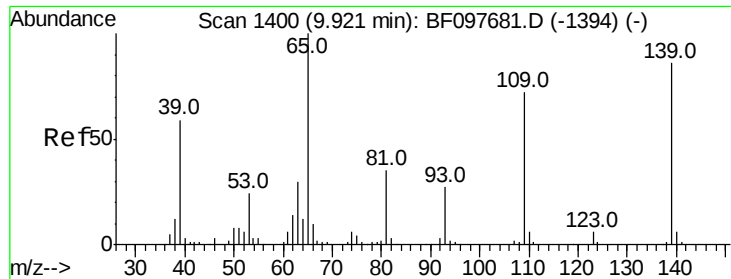
Tot Ion:184 Resp: 2022
 Ion Ratio Lower Upper
 184 100
 63 102.0 62.7 94.1#
 154 185.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.838 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion:168 Resp: 540537
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.6 45.8
 169 13.2 10.8 16.2

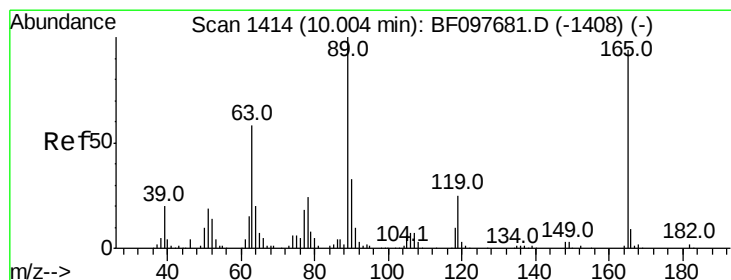
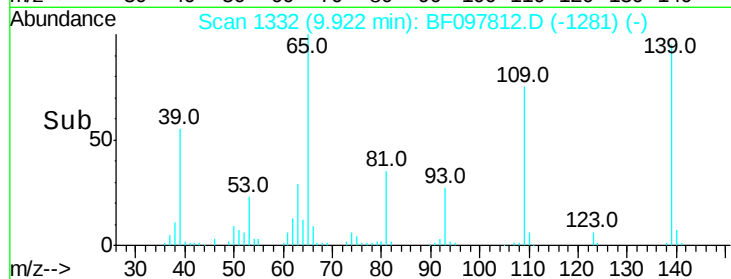
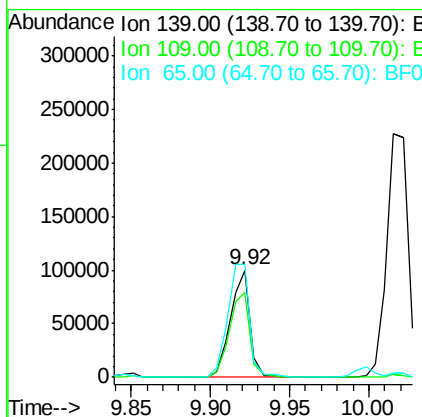
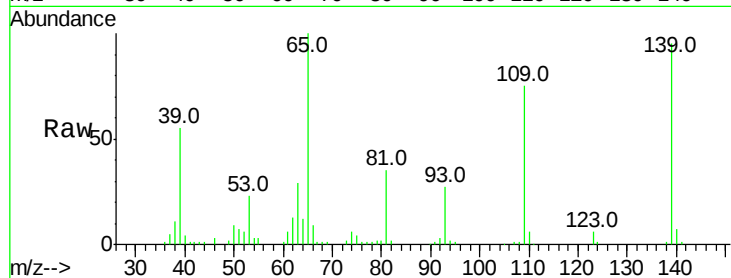




#55
4-Nitrophenol
Concen: 37.511 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

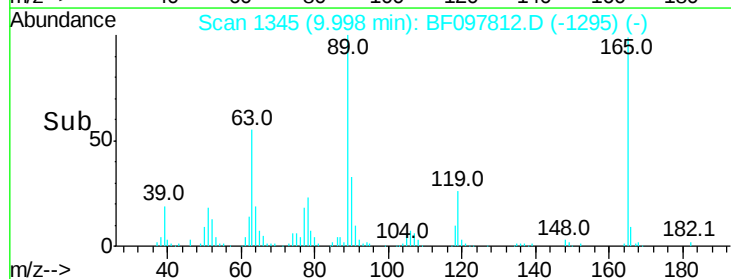
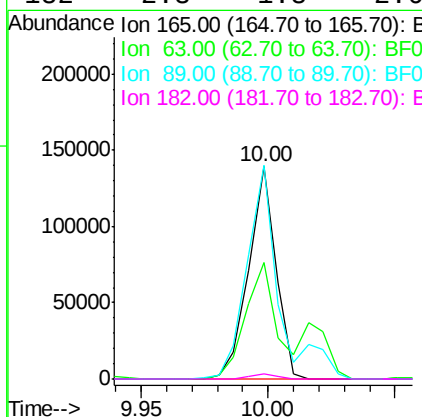
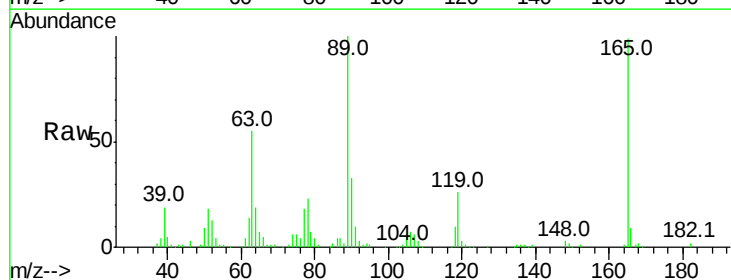
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 85459
Ion Ratio Lower Upper
139 100
109 79.5 34.1 74.1#
65 105.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 37.787 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion:165 Resp: 104972
Ion Ratio Lower Upper
165 100
63 55.2 25.4 38.0#
89 100.7 46.4 69.6#
182 2.3 1.8 2.6

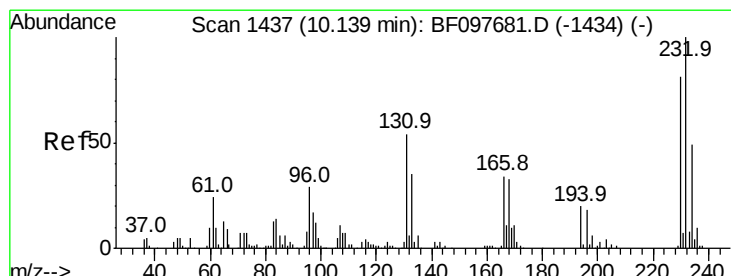
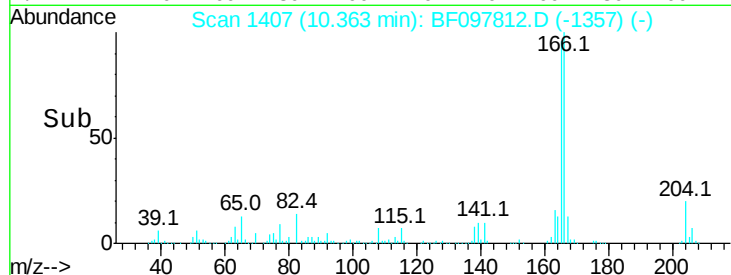
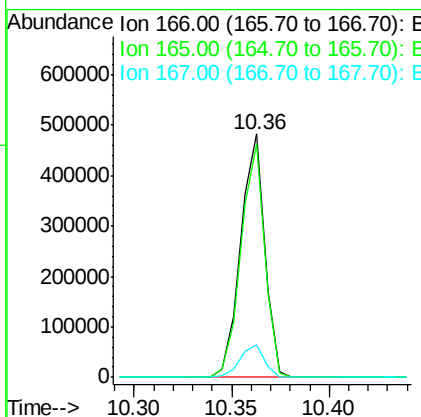
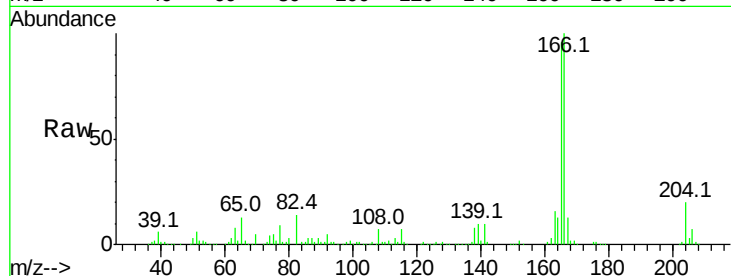




#57
Fluorene
 Concen: 39.274 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

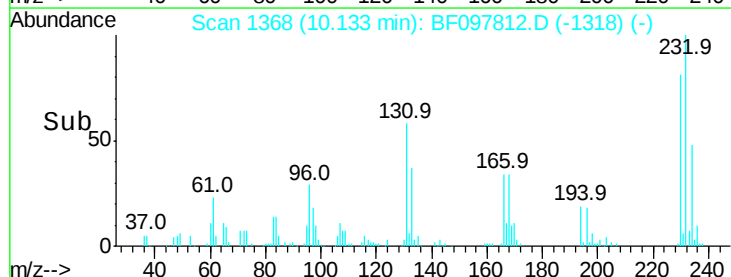
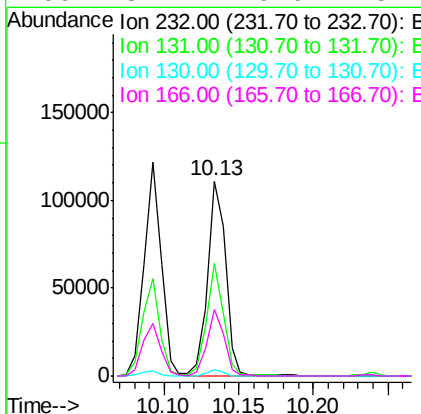
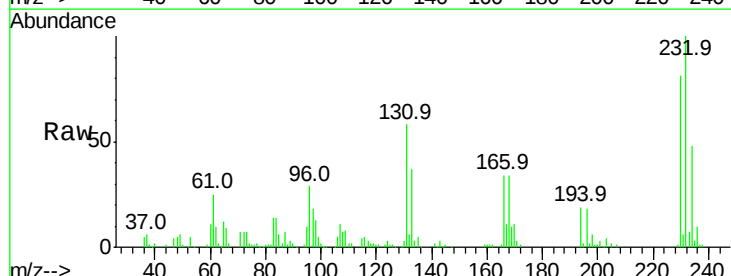
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

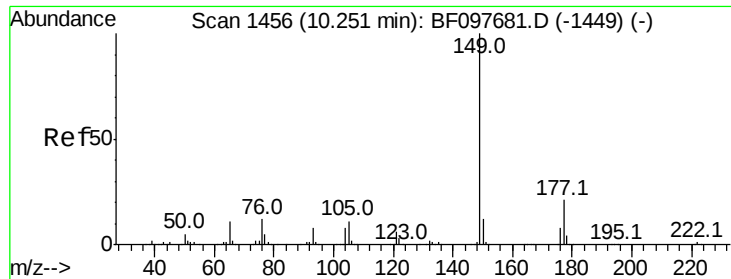
Tot Ion:166 Resp: 412005
 Ion Ratio Lower Upper
 166 100
 165 96.1 78.8 118.2
 167 13.2 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.839 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion:232 Resp: 93253
 Ion Ratio Lower Upper
 232 100
 131 54.0 44.8 67.2
 130 2.8 2.3 3.5
 166 32.1 29.0 43.4

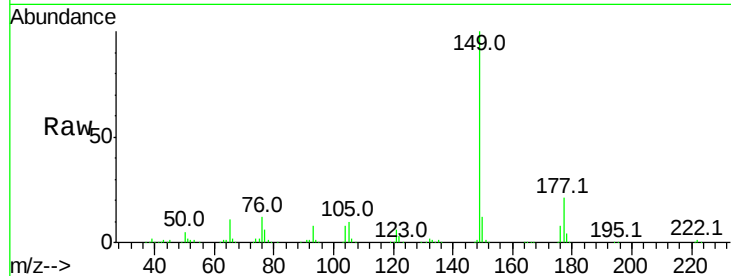




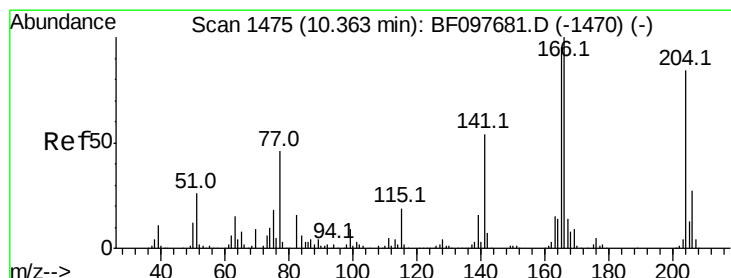
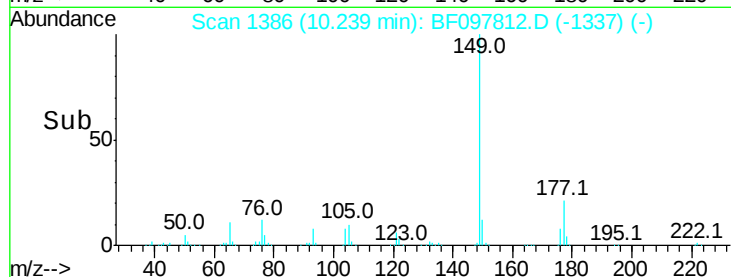
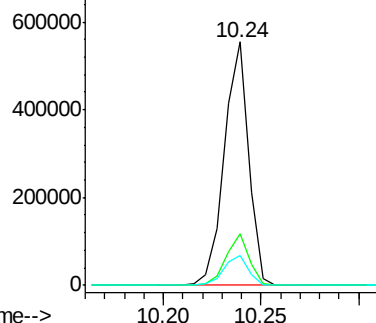
#59
Diethylphthalate
Concen: 41.275 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 478664
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.3 10.2 15.2

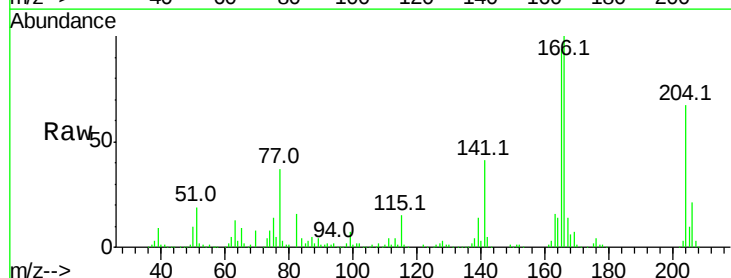


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

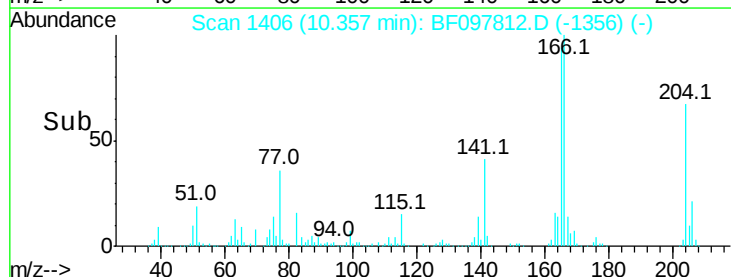
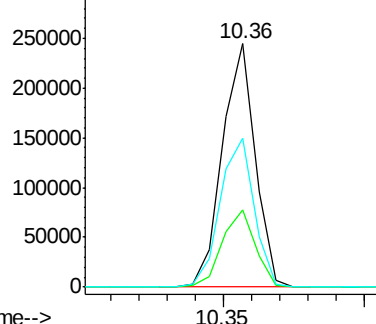


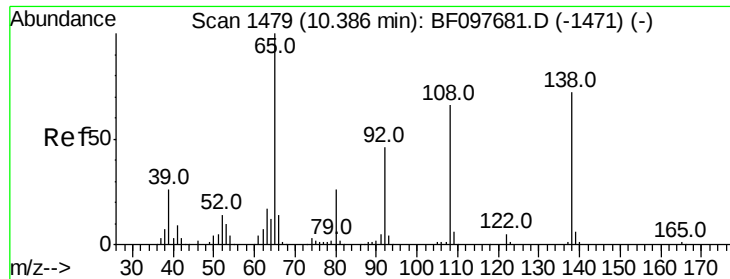
#60
4-Chlorophenyl-phenylether
Concen: 40.462 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion:204 Resp: 197194
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 61.2 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

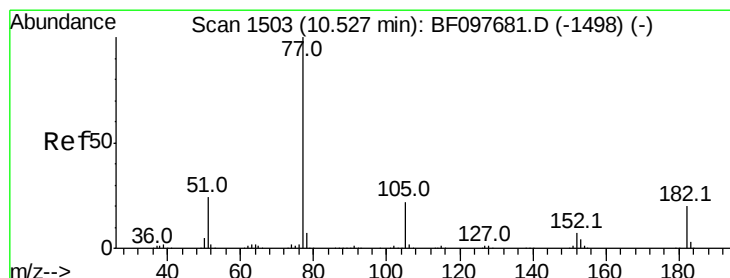
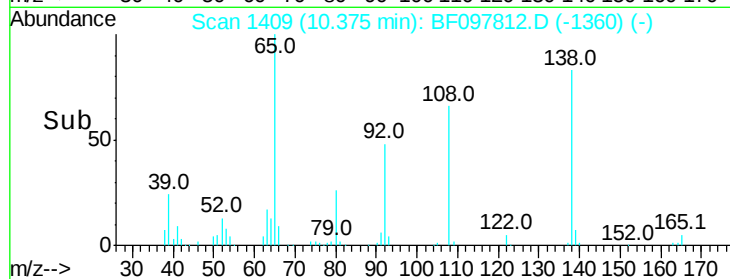
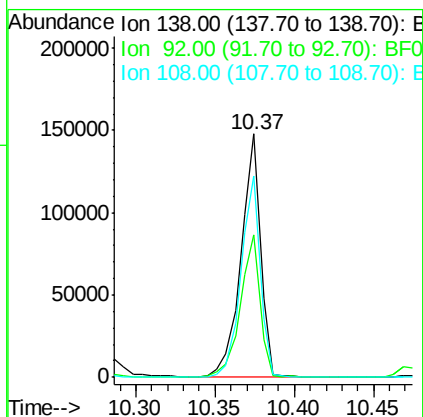
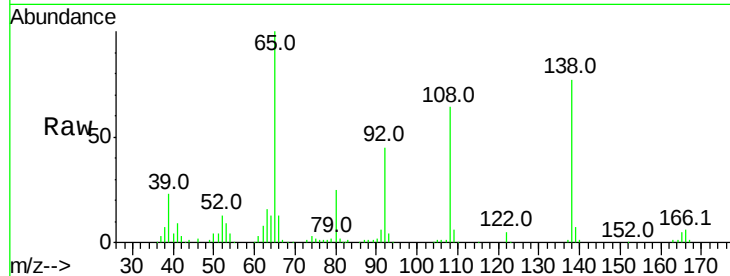




#61
4-Nitroaniline
Concen: 46.949 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

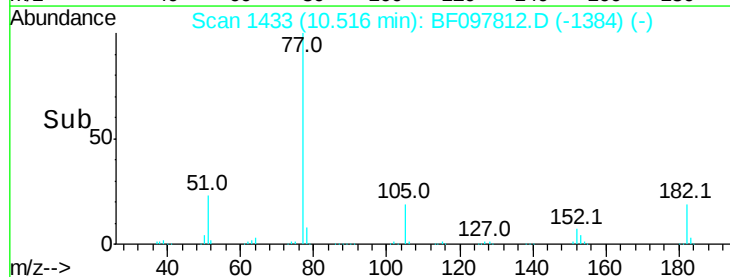
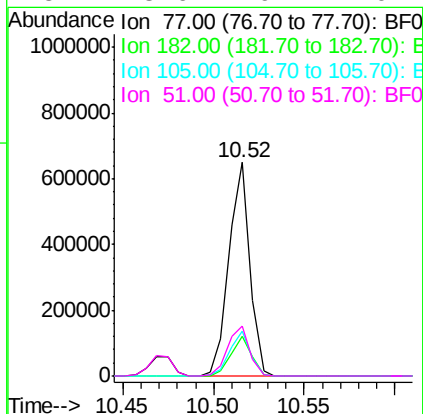
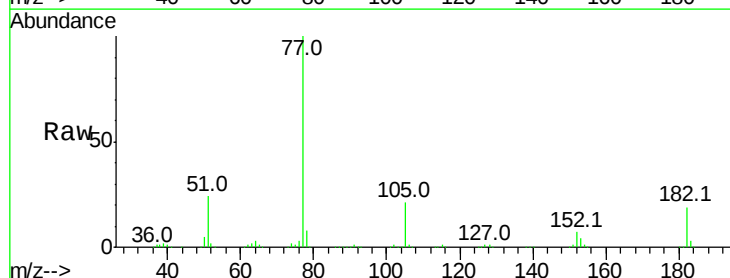
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

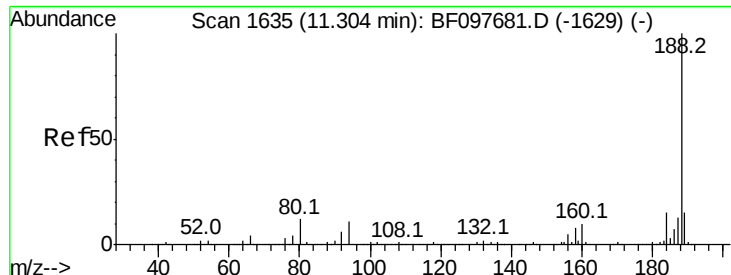
Tot Ion:138 Resp: 127438
Ion Ratio Lower Upper
138 100
92 58.7 21.8 61.8
108 82.9 42.3 82.3#



#62
Azobenzene
Concen: 38.016 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion: 77 Resp: 523679
Ion Ratio Lower Upper
77 100
182 18.7 0.1 40.1
105 20.8 3.6 43.6
51 23.6 9.4 49.4

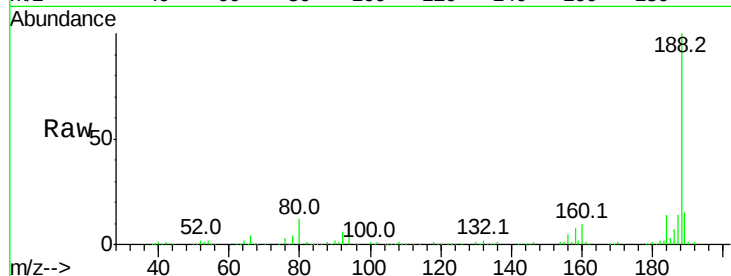




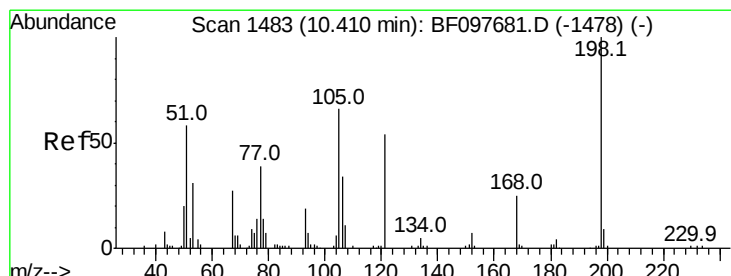
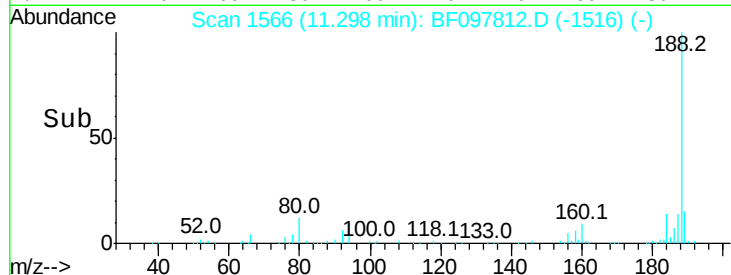
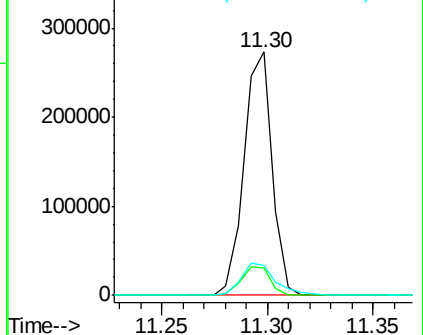
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 251644
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.3 10.2 15.2

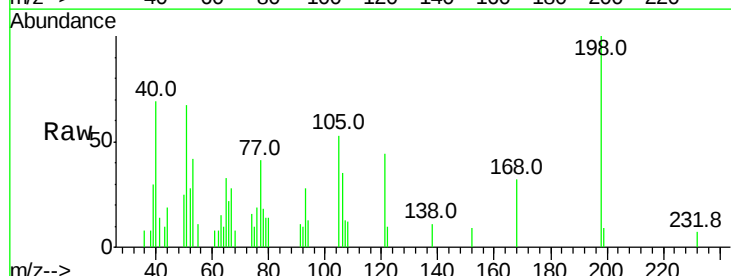


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

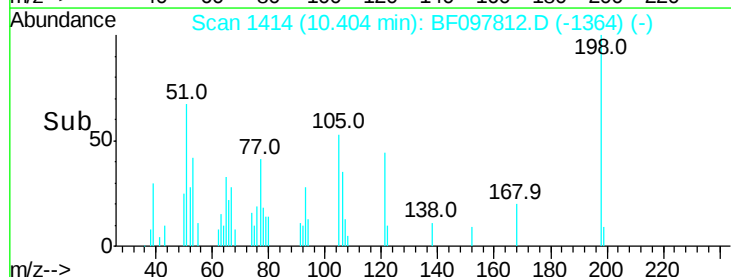
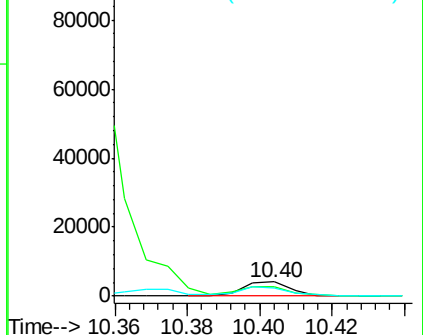


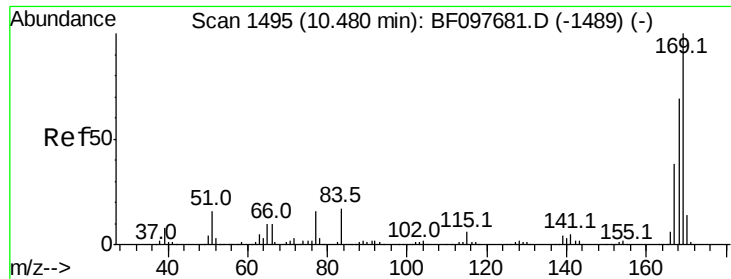
#64
4,6-Dinitro-2-methylphenol
Concen: 10.919 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion:198 Resp: 3727
Ion Ratio Lower Upper
198 100
51 66.6 53.2 93.2
105 52.9 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

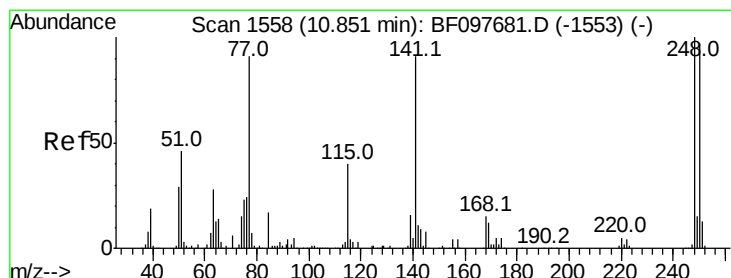
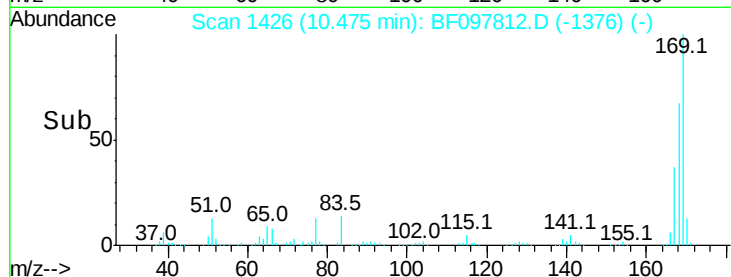
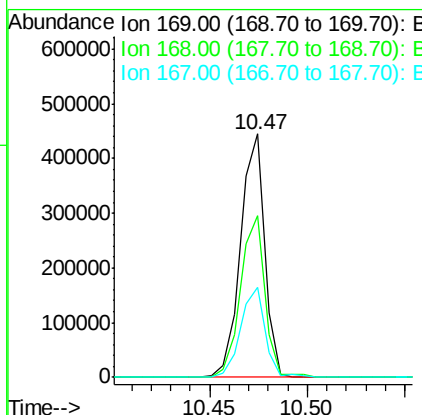
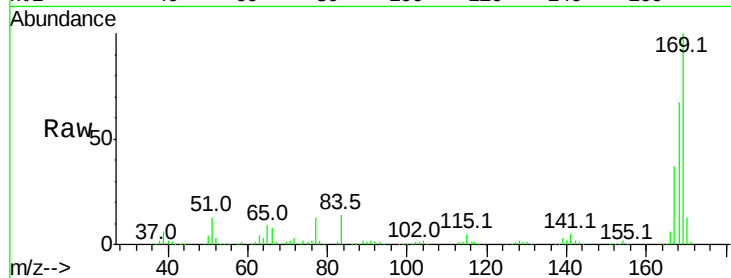




#65
 n-Nitrosodiphenylamine
 Concen: 44.446 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

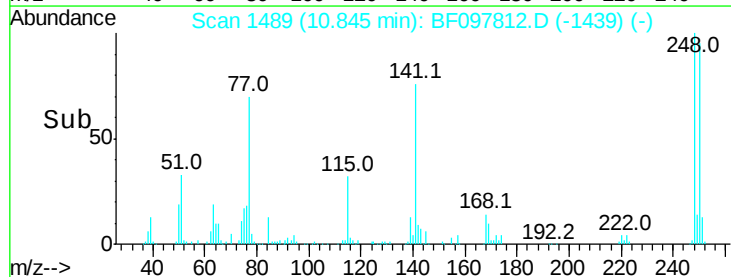
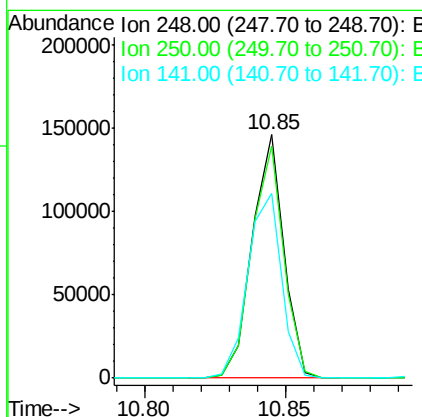
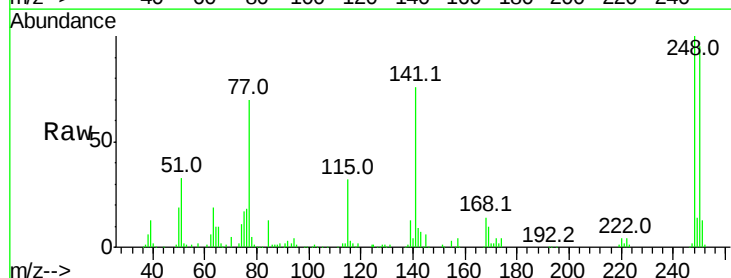
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.2	79.8
167	37.0	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.501 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.8	115.2
141	75.9	68.6	103.0

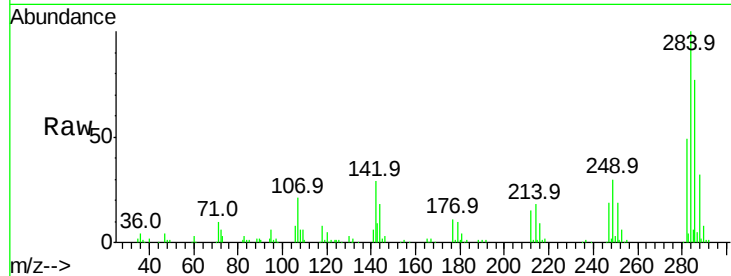




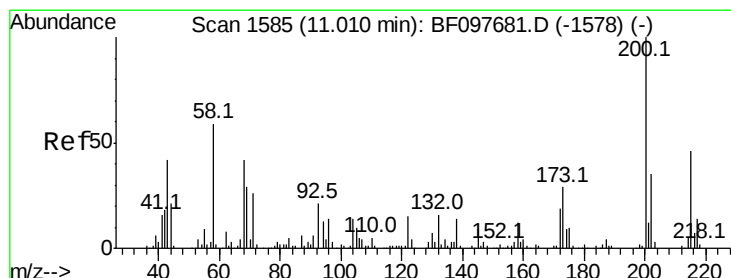
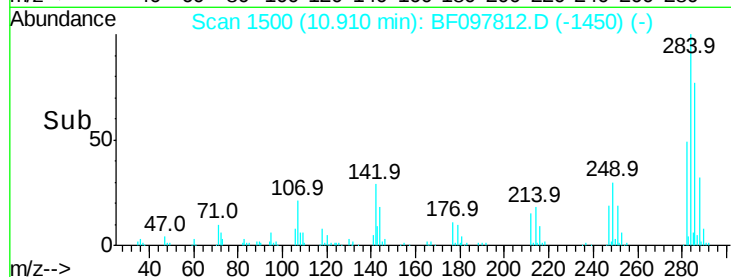
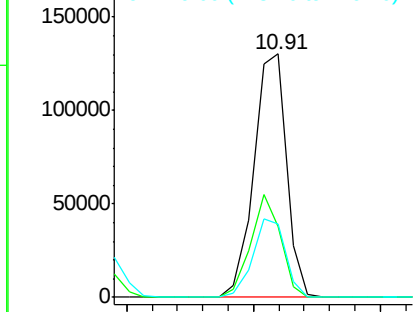
#67
Hexachlorobenzene
Concen: 44.015 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.2	22.8	34.2
249	30.0	24.0	36.0

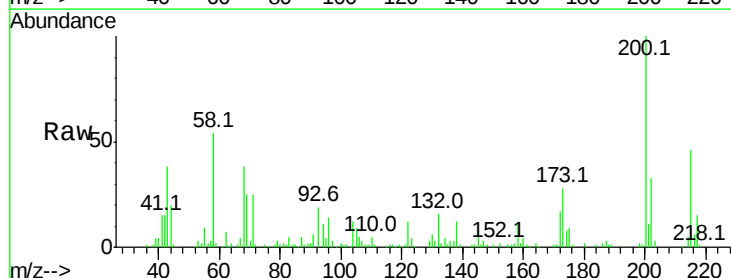


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

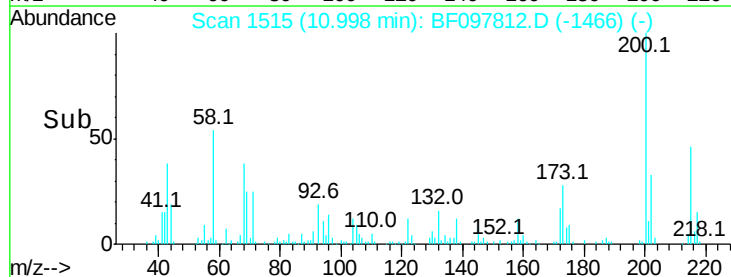
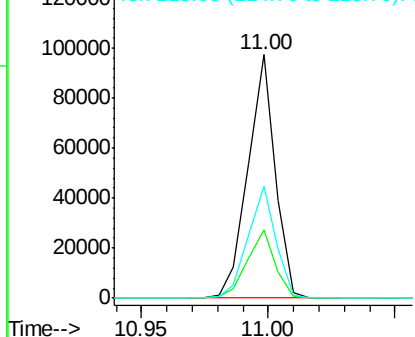


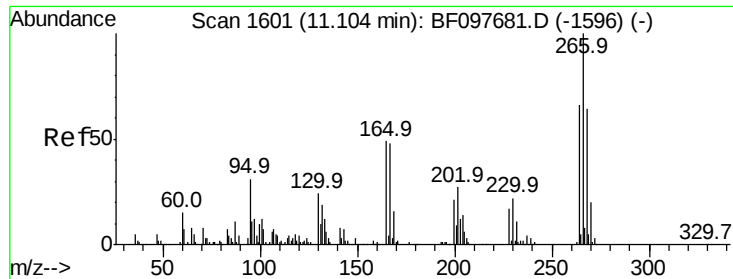
#68
Atrazine
Concen: 32.150 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.3	46.3
215	46.1	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

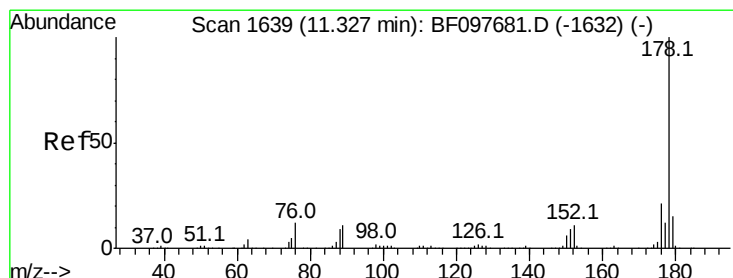
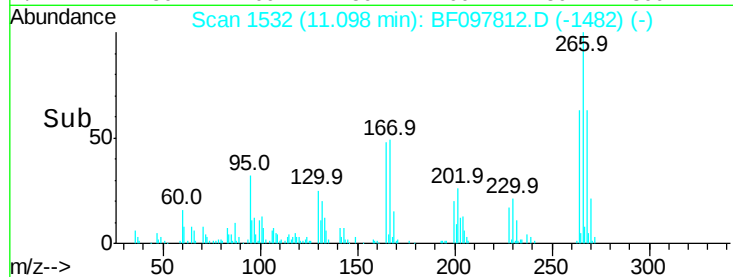
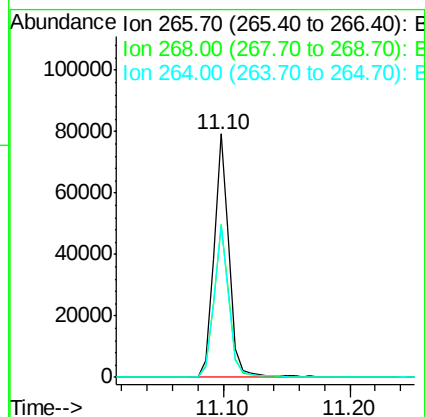
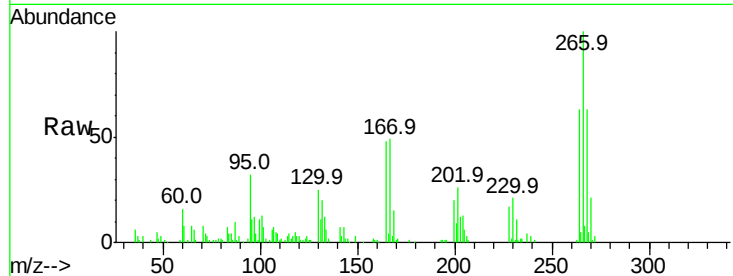




#69
 Pentachlorophenol
 Concen: 43.143 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

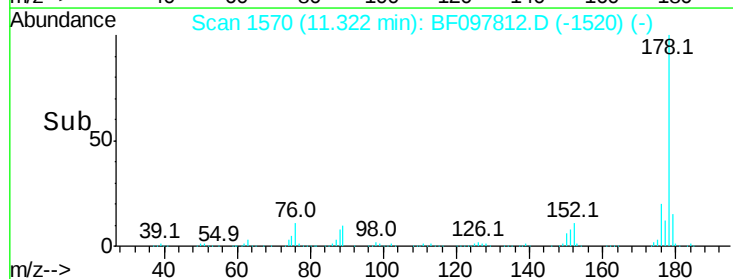
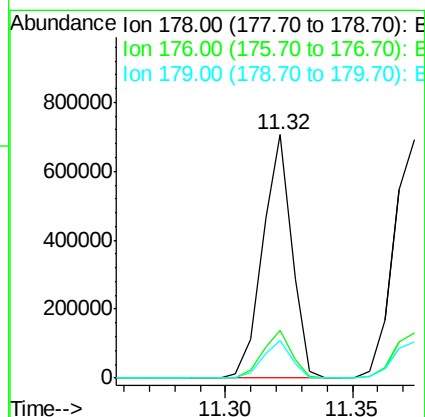
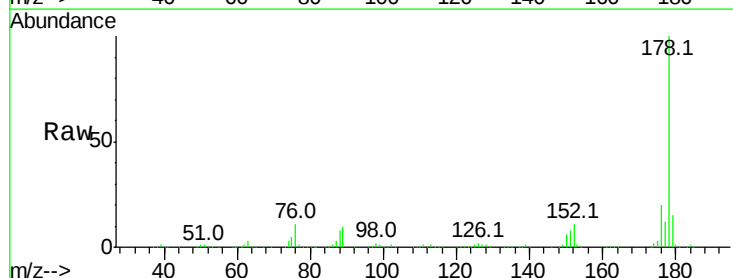
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

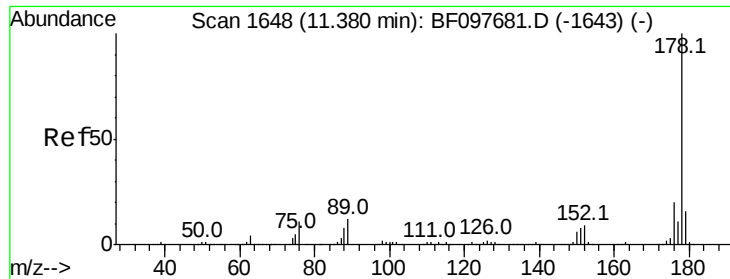
Tot Ion:266 Resp: 67000
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 62.9 51.7 77.5



#70
 Phenanthrene
 Concen: 42.267 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion:178 Resp: 566775
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.2 12.6 19.0

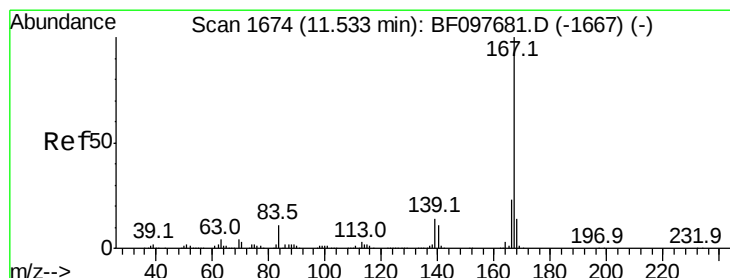
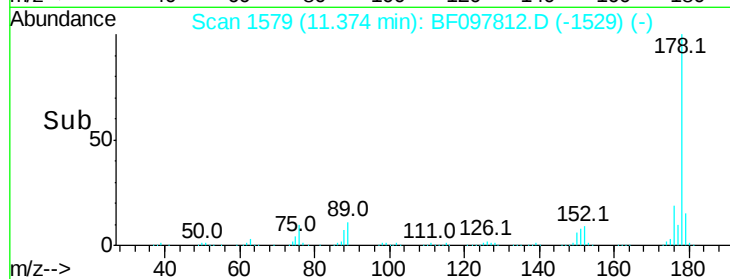
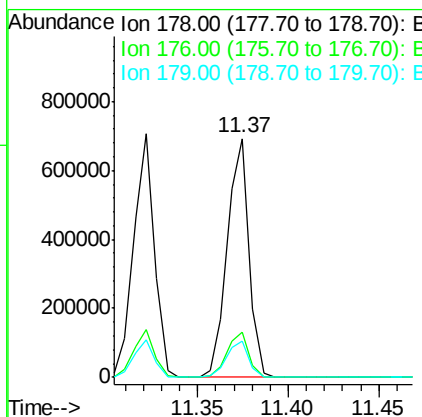
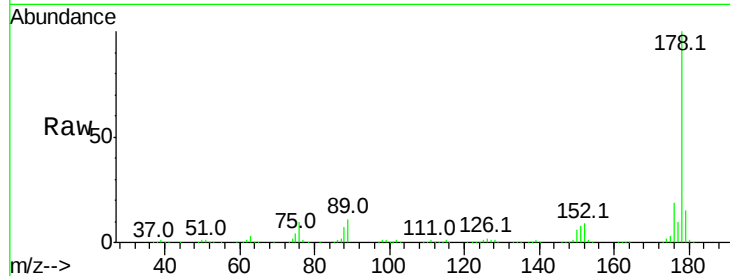




#71
 Anthracene
 Concen: 42.716 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

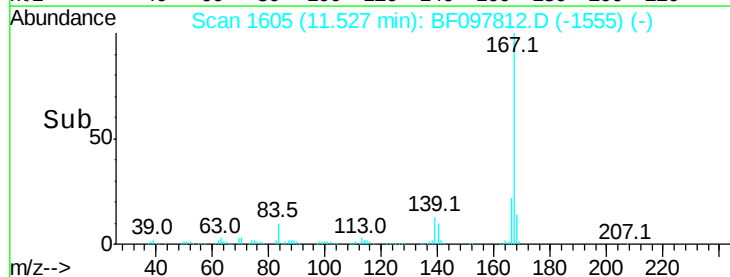
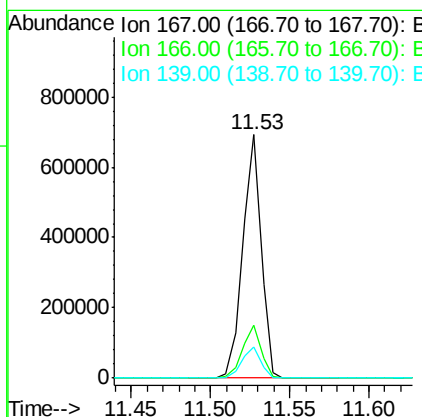
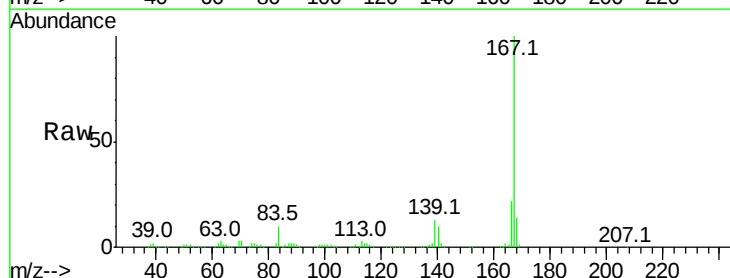
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 580969
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 43.117 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion:167 Resp: 556639
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 13.0 11.7 17.5

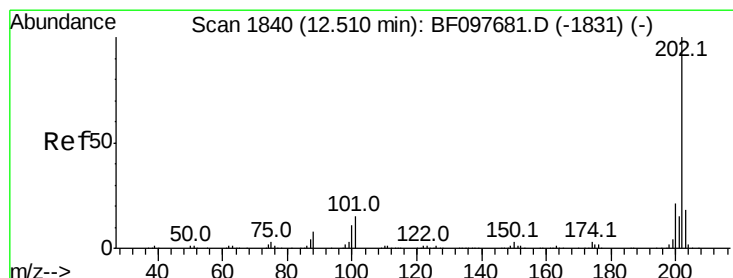
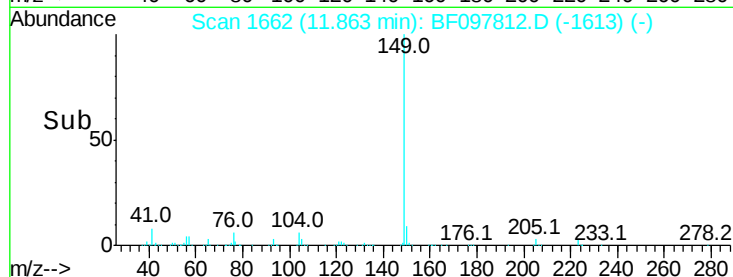
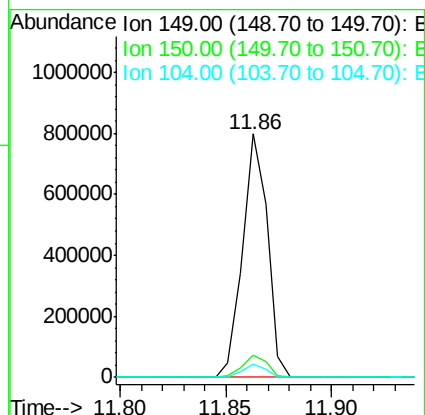
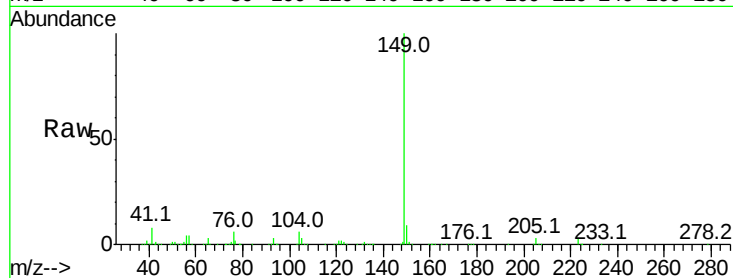




#73
Di-n-butylphthalate
Concen: 43.401 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

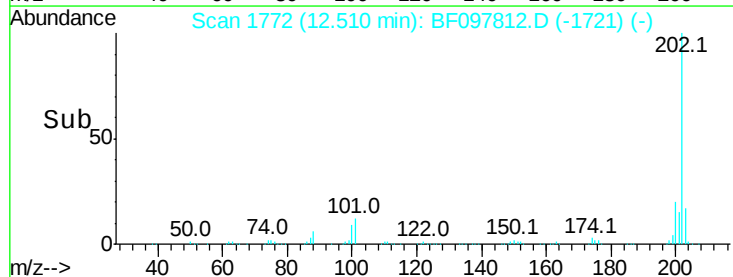
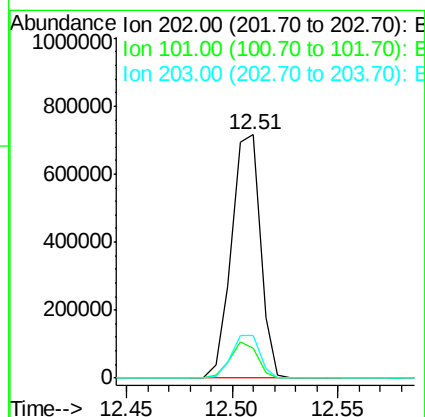
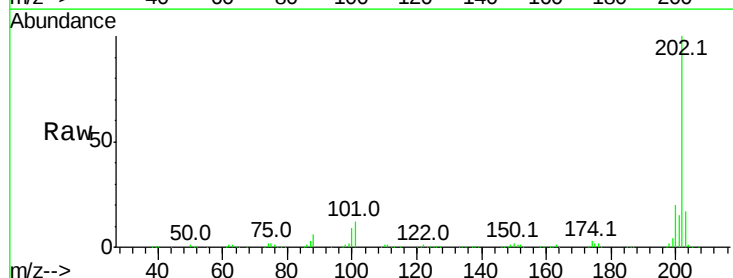
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

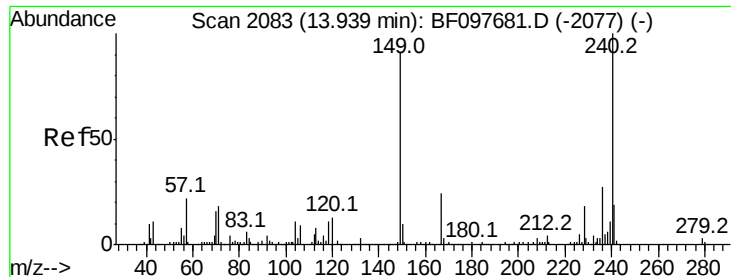
Tot Ion:149 Resp: 645390
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.7 4.0 6.0



#74
Fluoranthene
Concen: 48.139 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion:202 Resp: 673768
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

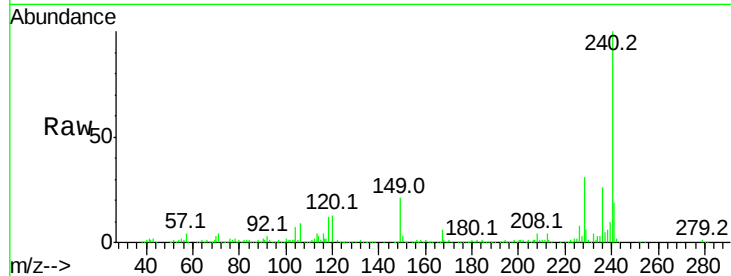
Tot Ion:240 Resp: 256310

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

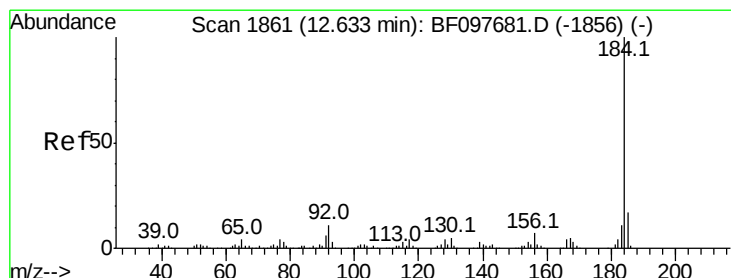
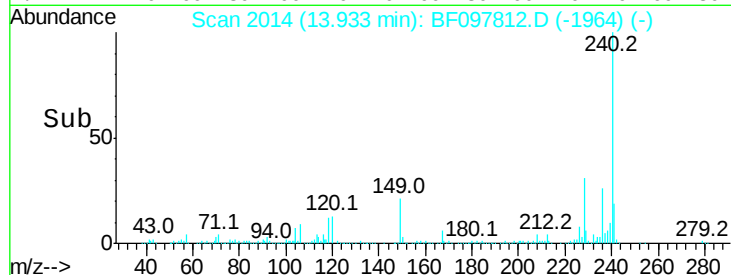
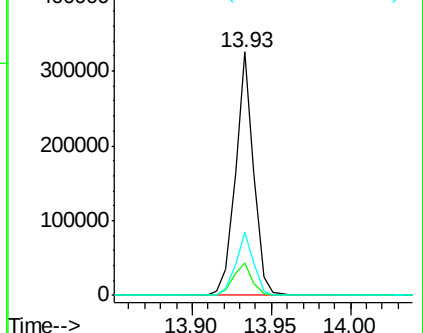
236 26.2 20.5 30.7



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: 36.763 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

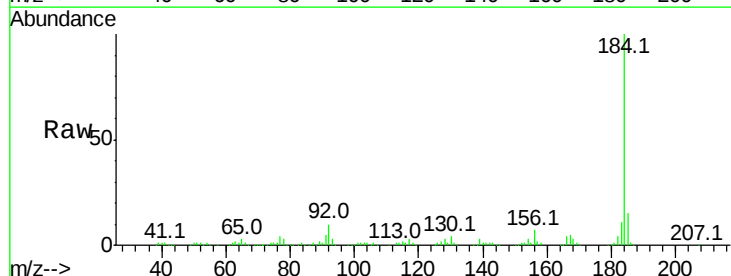
Tgt Ion:184 Resp: 308951

Ion Ratio Lower Upper

184 100

185 15.1 15.5 23.3#

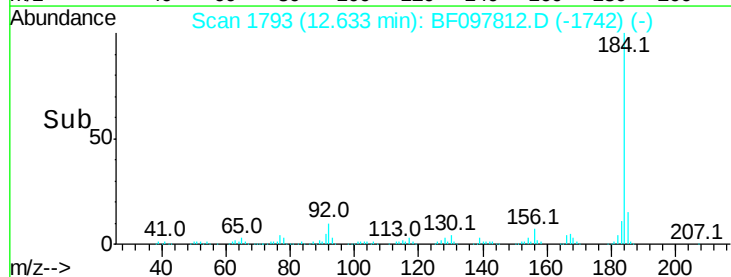
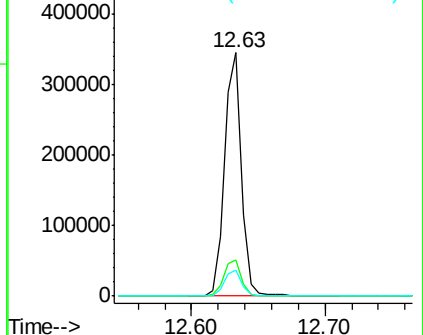
183 10.8 9.8 14.6

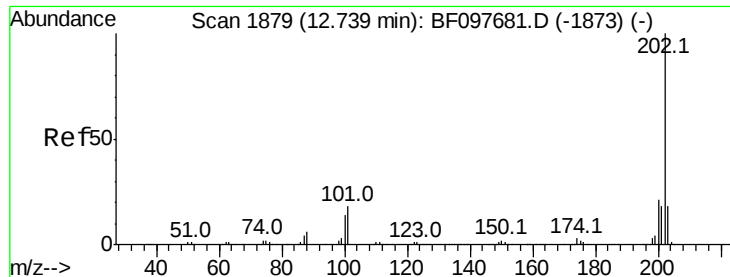


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

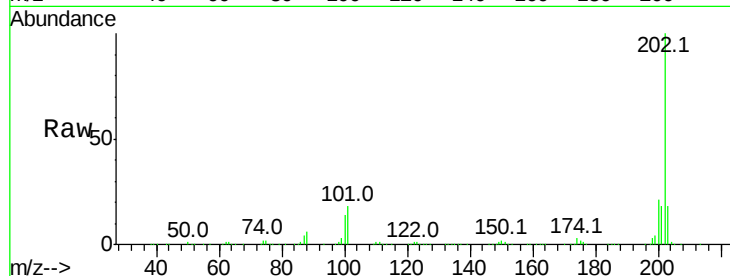




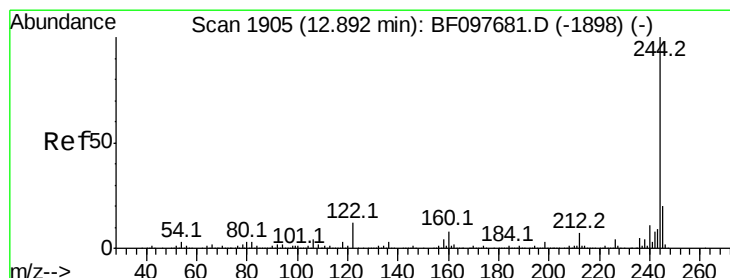
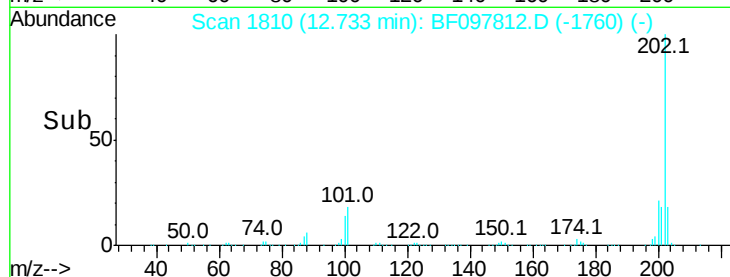
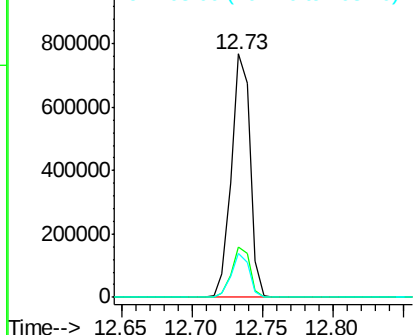
#77
Pvrene
Concen: 33.892 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 710481
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.8 14.4 21.6

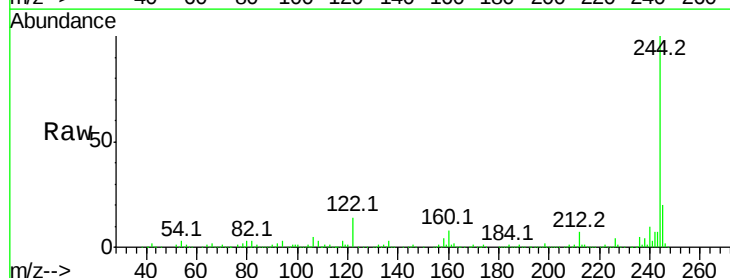


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

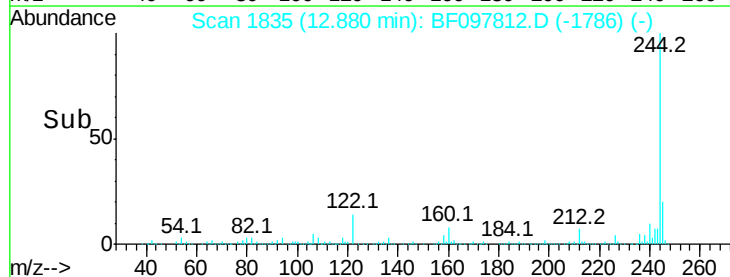
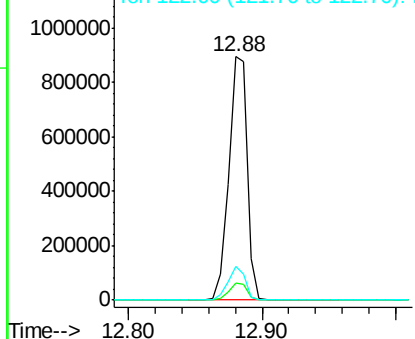


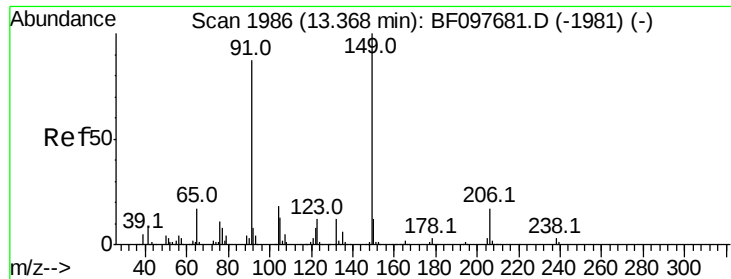
#78
Terphenyl-d14
Concen: 70.833 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion:244 Resp: 870614
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 14.1 10.3 15.5



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

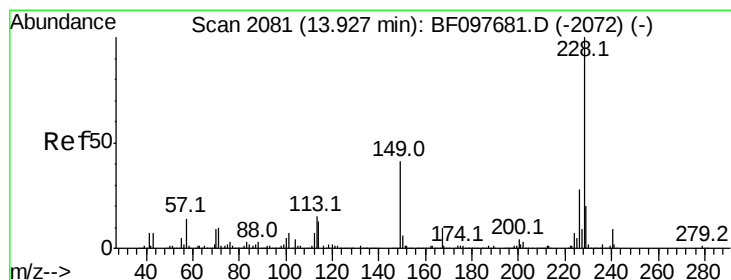
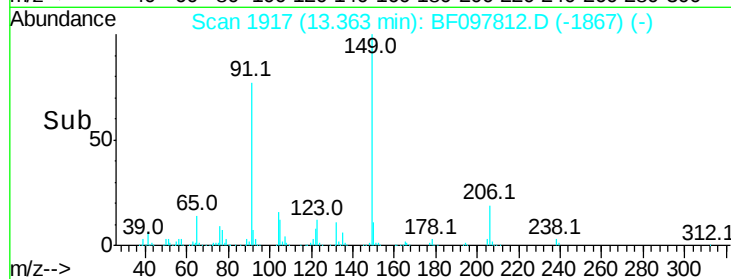
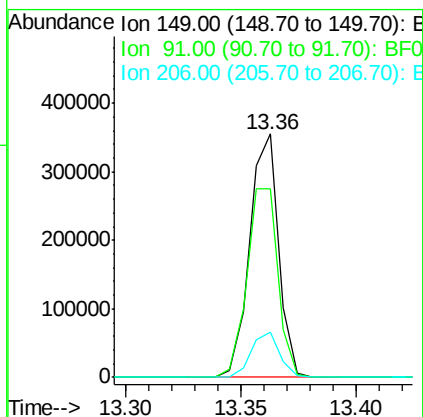
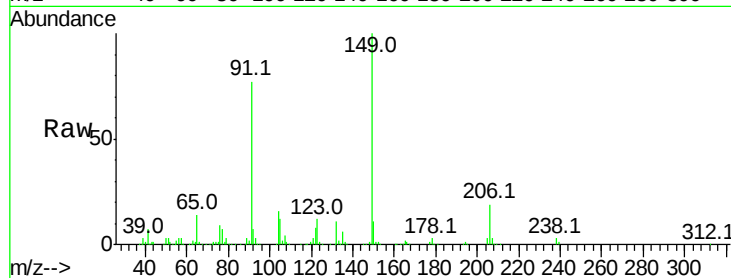




#79
Butylbenzylphthalate
Concen: 38.656 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

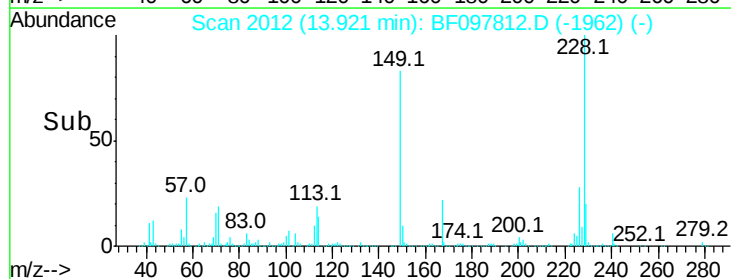
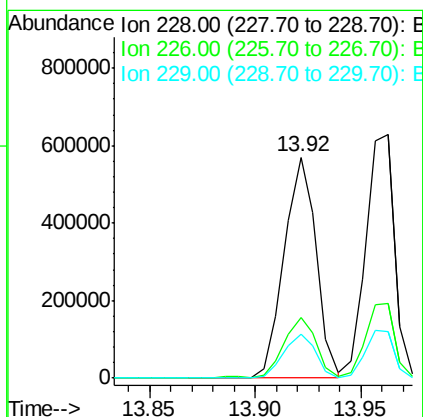
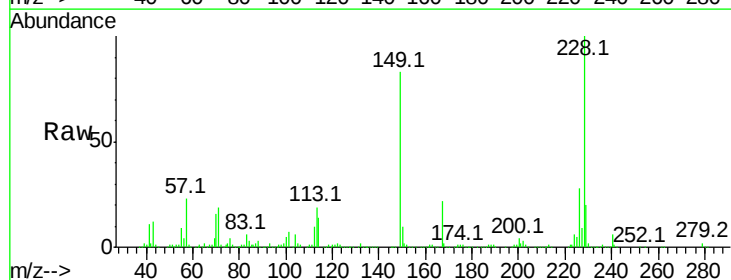
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

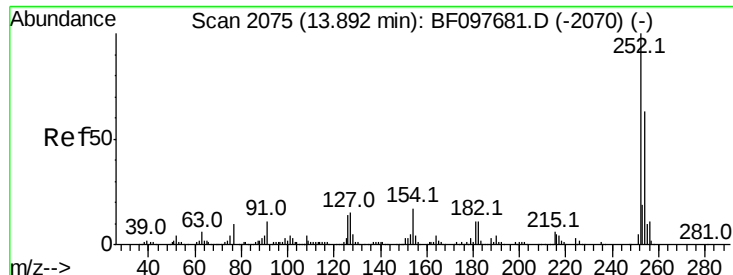
Tot Ion:149 Resp: 310694
Ion Ratio Lower Upper
149 100
91 77.3 45.0 67.4#
206 18.8 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.263 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097812.D
Acq: 18 Aug 2017 3:59

Tgt Ion:228 Resp: 603142
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.9 16.3 24.5

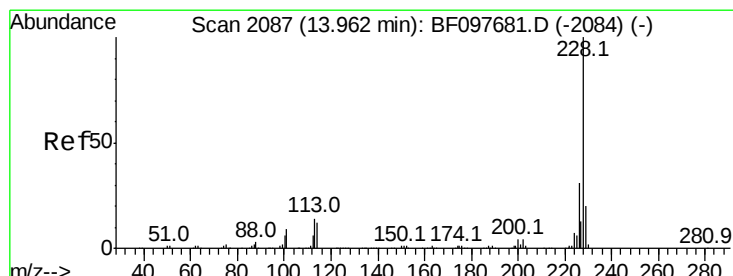
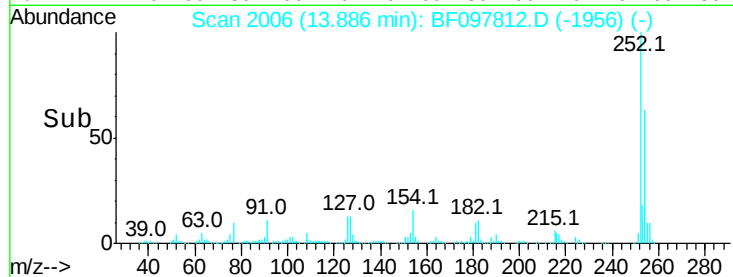
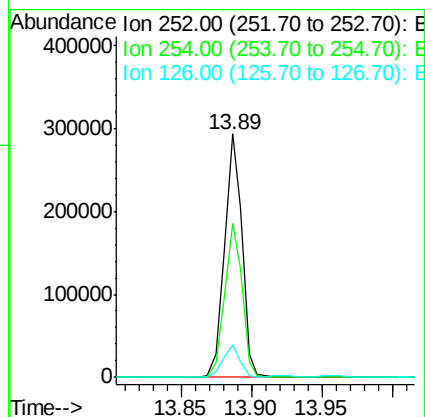
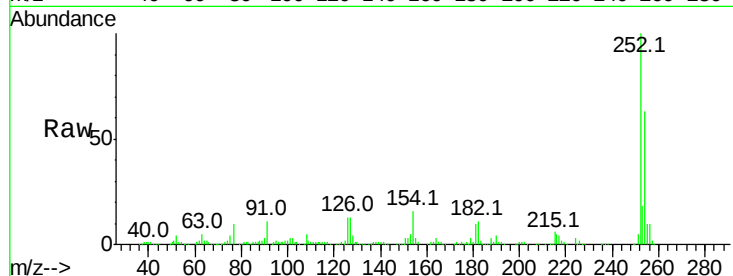




#81
 3,3'-Dichlorobenzidine
 Concen: 48.400 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

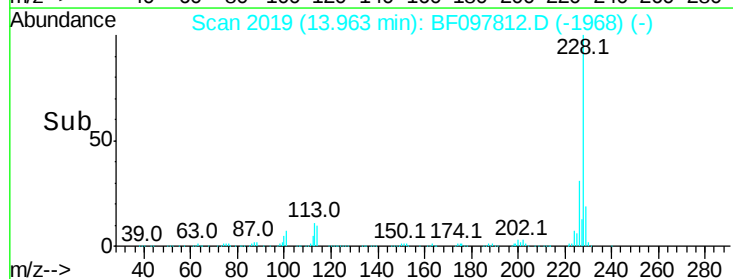
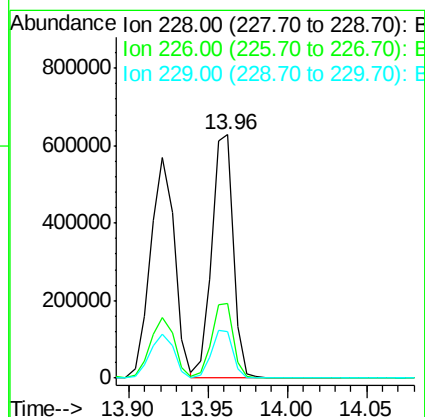
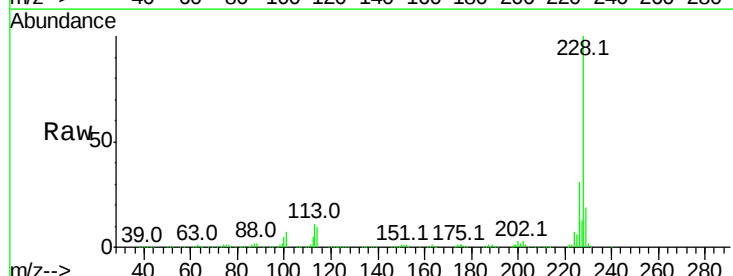
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

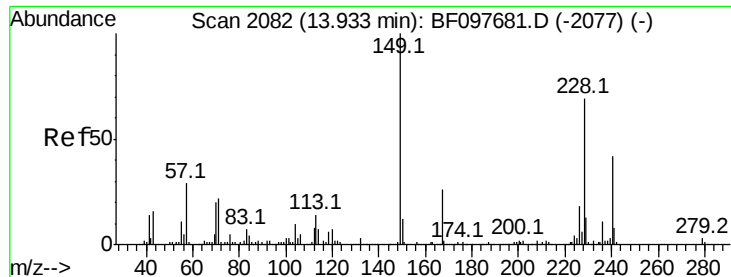
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.5	77.3
126	13.4	15.8	23.8#



#82
 Chrysene
 Concen: 39.164 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.3	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.409 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

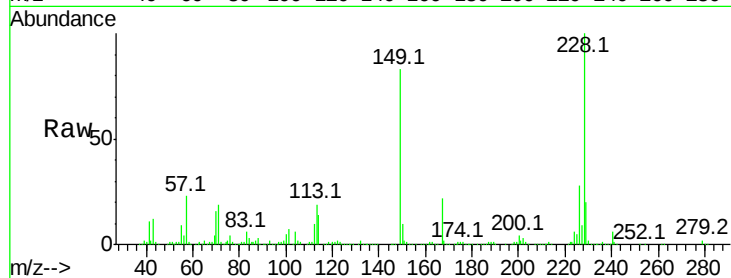
Tot Ion:149 Resp: 413330

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

279 2.9 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

600000

500000

400000

300000

200000

100000

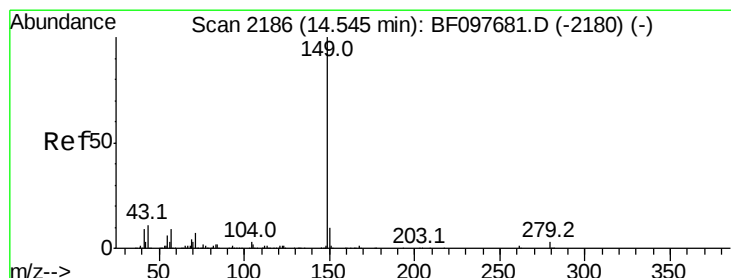
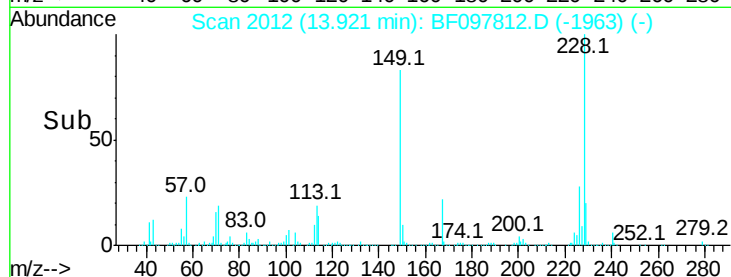
0

13.92

13.90

13.95

Time-->



#84

Di-n-octyl phthalate

Concen: 51.596 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

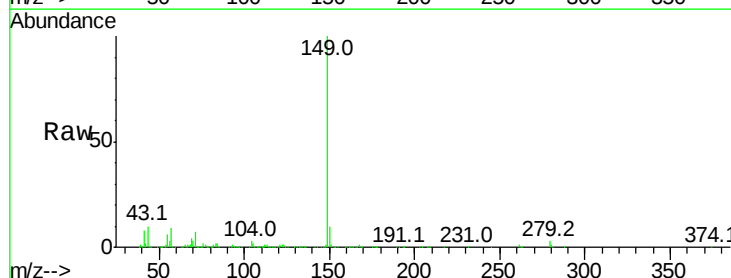
Tgt Ion:149 Resp: 799556

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.5 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

1200000

1000000

800000

600000

400000

200000

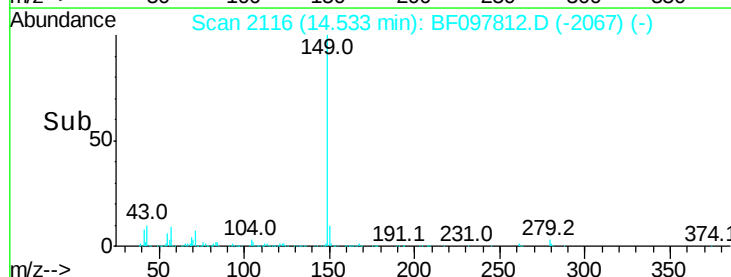
0

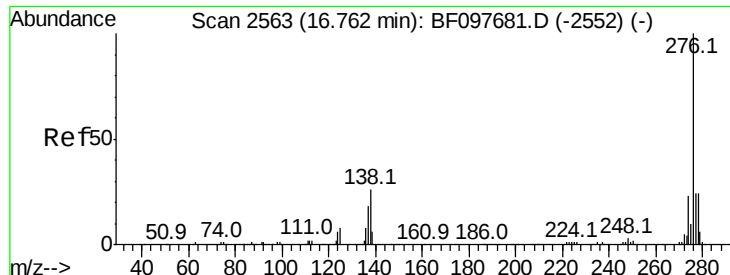
14.53

14.50

14.60

Time-->

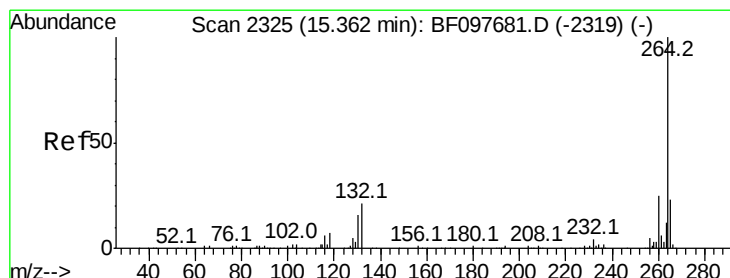
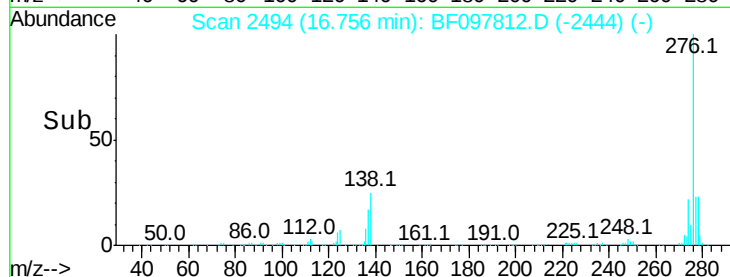
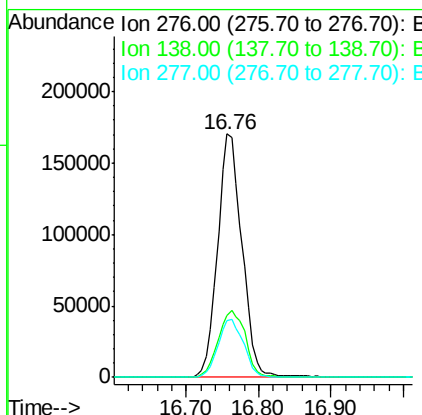
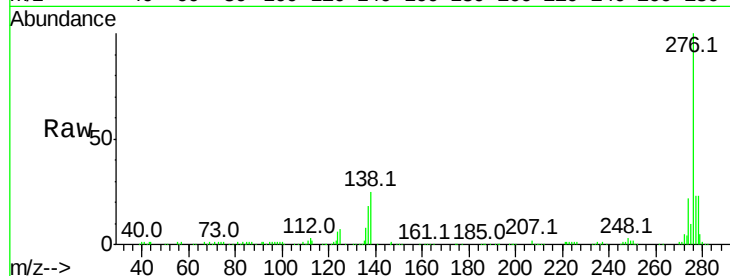




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.516 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

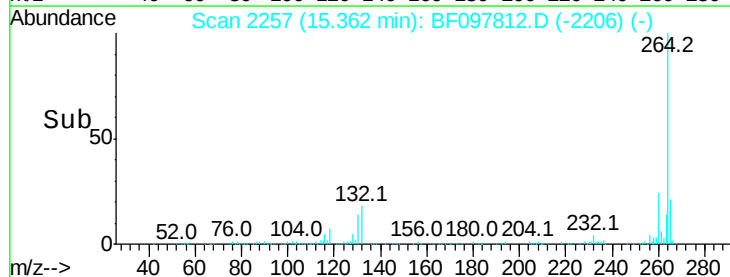
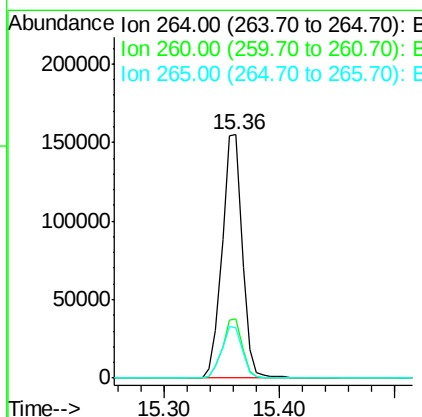
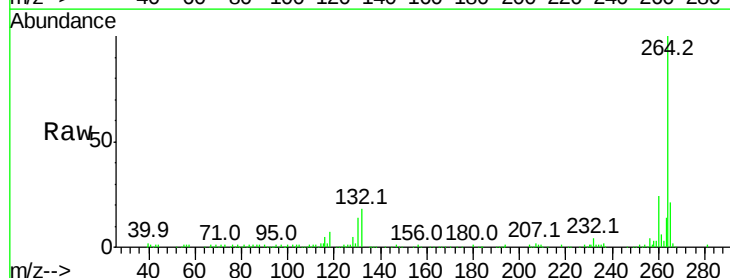
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

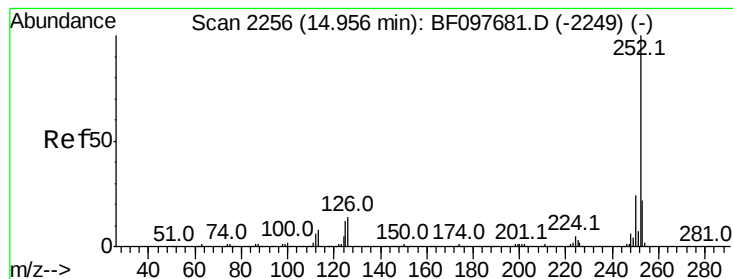
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	27.8	41.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097812.D
 Acq: 18 Aug 2017 3:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.420 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

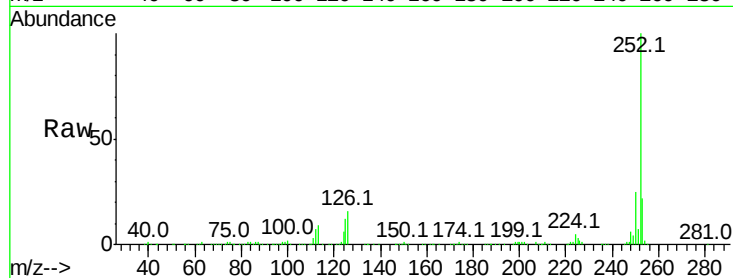
Tot Ion:252 Resp: 491242

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

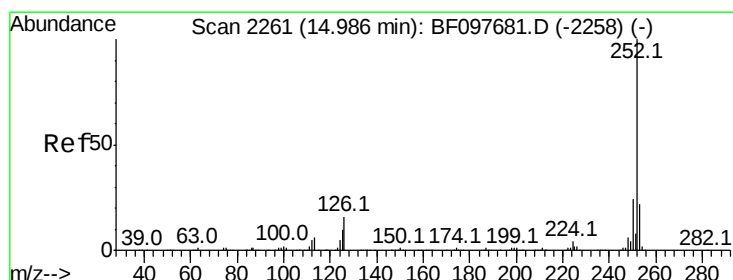
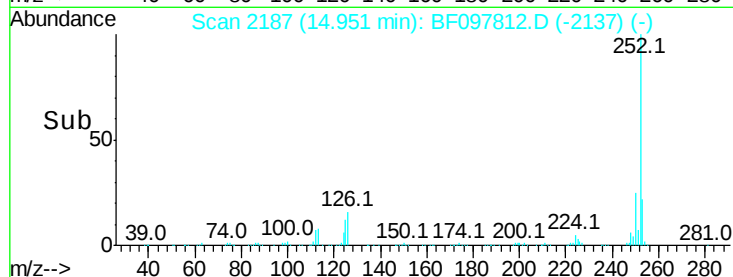
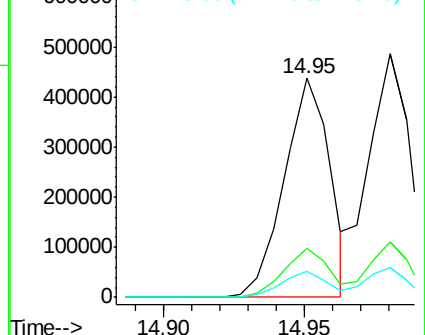
125 11.8 9.8 14.8



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: 44.916 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

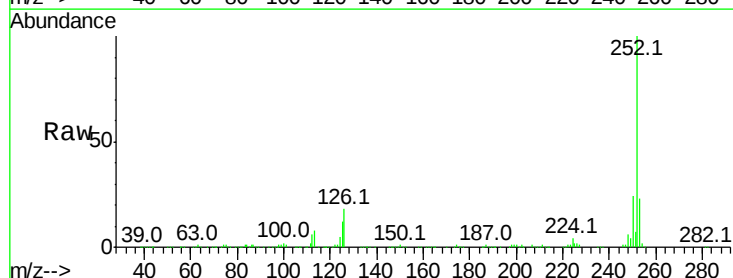
Tgt Ion:252 Resp: 500481

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

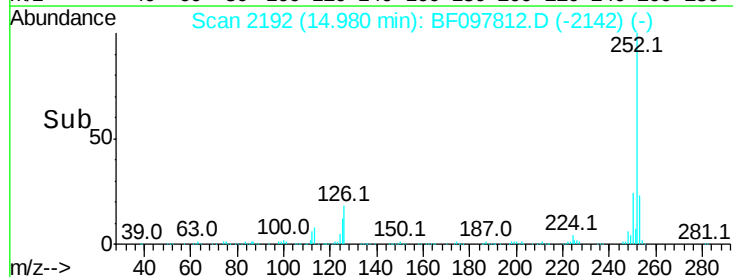
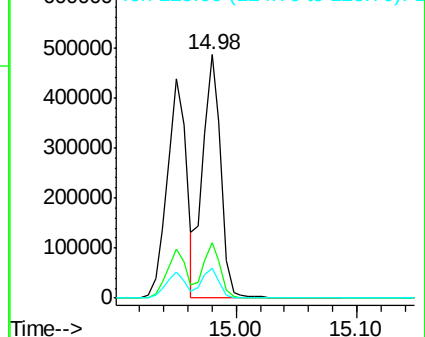
125 12.1 13.1 19.7#

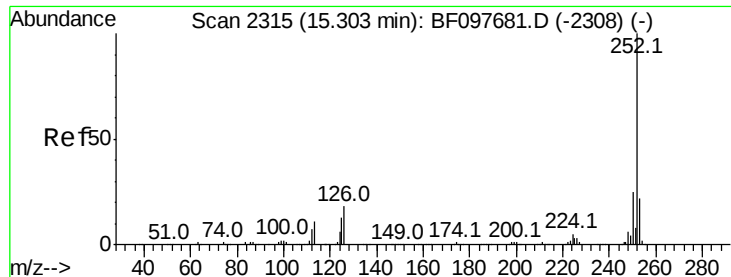


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.356 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

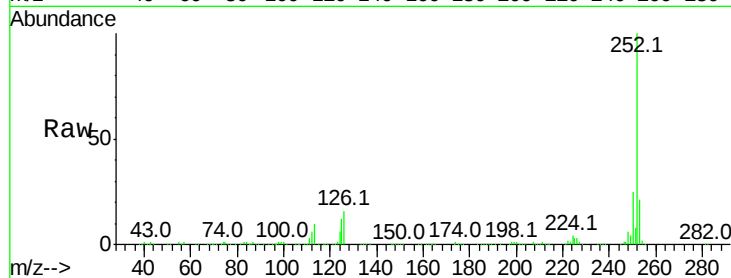
Tot Ion:252 Resp: 444711

Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

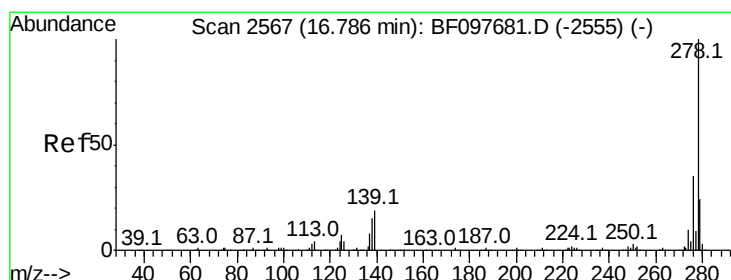
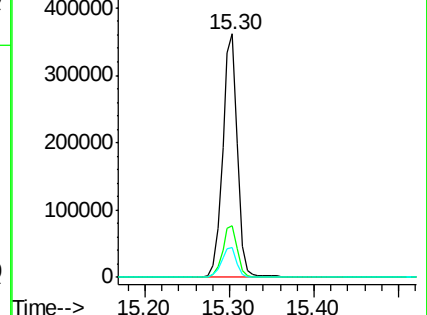
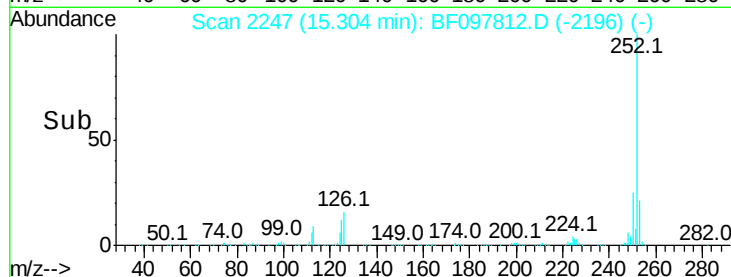
125 12.2 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.529 ng

RT: 16.78 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

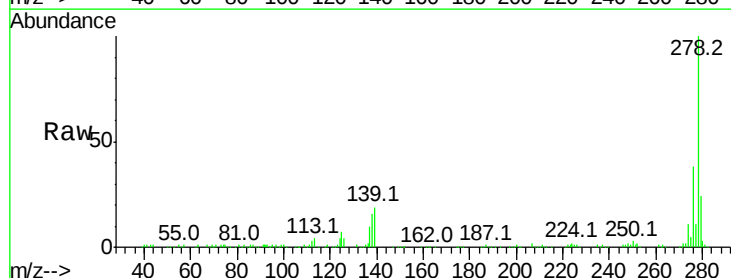
Tgt Ion:278 Resp: 346432

Ion Ratio Lower Upper

278 100

139 18.5 16.6 24.8

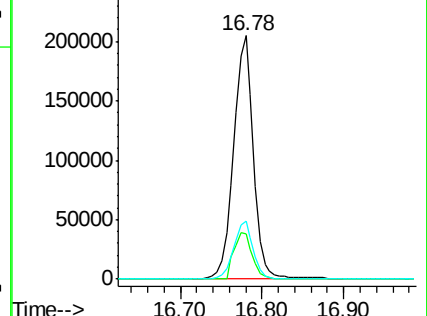
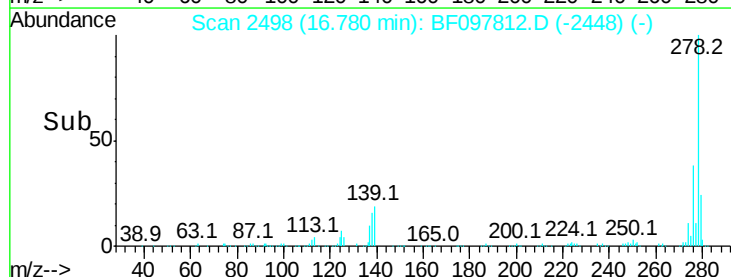
279 23.9 19.3 28.9

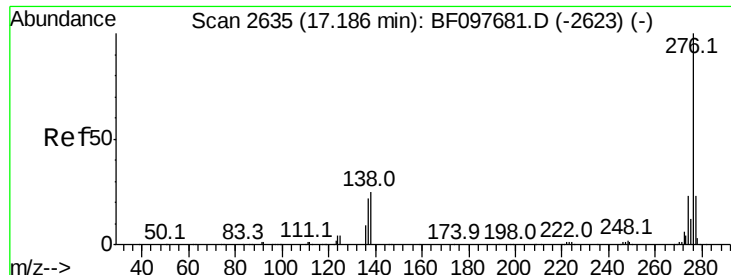


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.850 ng

RT: 17.18 min Scan# 2566

Delta R.T. -0.01 min

Lab File: BF097812.D

Acq: 18 Aug 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

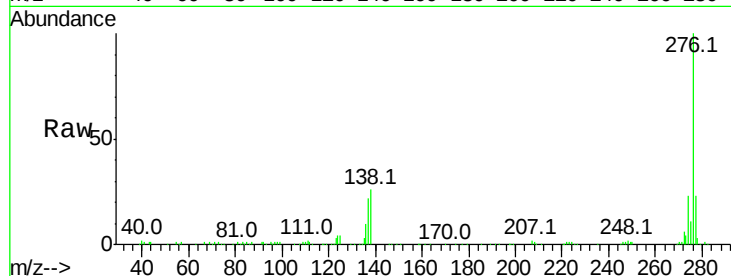
Tot Ion:276 Resp: 337585

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 26.1 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

