

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098095.D
 Acq On : 29 Aug 2017 5:11
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 29 07:57:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	97785	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	397798	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	180621	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	370962	20.00	ng	0.00
75) Chrysene-d12	13.90	240	312700	20.00	ng	0.00
86) Perylene-d12	15.32	264	304717	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	522346	81.25	ng	-0.01
7) Phenol-d6	6.38	99	721306	82.58	ng	0.00
23) Nitrobenzene-d5	7.31	82	647472	88.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	138587	88.43	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	936433	76.17	ng	0.00
78) Terphenyl-d14	12.85	244	1013260	67.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	140208	39.107	ng	89
3) Pyridine	3.08	79	399327	40.290	ng	87
4) n-Nitrosodimethylamine	3.04	42	145734	38.214	ng	# 75
6) Aniline	6.40	93	485530	39.569	ng	97
8) 2-Chlorophenol	6.53	128	282312	41.641	ng	100
9) Benzaldehyde	6.29	77	212545	38.417	ng	87
10) Phenol	6.39	94	423477	41.454	ng	98
11) bis(2-Chloroethyl)ether	6.48	93	302644	39.251	ng	98
12) 1,3-Dichlorobenzene	6.68	146	288649	39.581	ng	# 92
13) 1,4-Dichlorobenzene	6.76	146	296694	40.002	ng	# 92
14) 1,2-Dichlorobenzene	6.91	146	276099	40.372	ng	99
15) Benzyl Alcohol	6.89	79	261816	40.036	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	387021	37.306	ng	90
17) 2-Methylphenol	7.00	107	240606	40.272	ng	97
18) Hexachloroethane	7.25	117	107028	36.806	ng	# 80
19) n-Nitroso-di-n-propylamine	7.16	70	224925	37.617	ng	89
20) 3+4-Methylphenols	7.16	107	299189	41.000	ng	91
22) Acetophenone	7.16	105	399208	37.988	ng	# 89
24) Nitrobenzene	7.33	77	348767	42.776	ng	93
25) Isophorone	7.57	82	576772	37.880	ng	97
26) 2-Nitrophenol	7.65	139	139190	47.217	ng	# 83
27) 2,4-Dimethylphenol	7.69	122	252151	39.707	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	383943	38.355	ng	99
29) 2,4-Dichlorophenol	7.89	162	214708	40.732	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	228438	39.092	ng	98
31) Naphthalene	8.05	128	813127	39.373	ng	99
32) Benzoic acid	7.82	122	192864	42.527	ng	90
33) 4-Chloroaniline	8.10	127	354208	40.669	ng	99
34) Hexachlorobutadiene	8.16	225	130991	38.393	ng	98
35) Caprolactam	8.48	113	82320	45.937	ng	92
36) 4-Chloro-3-methylphenol	8.59	107	279553	41.277	ng	# 80
37) 2-Methylnaphthalene	8.74	142	508699	40.177	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	219800	39.652	ng	98
40) Hexachlorocyclopentadiene	8.89	237	37704	14.158	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	152413	40.954	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	156160	42.296	nq	95
45) 1,1'-Biphenyl	9.20	154	650447	39.491	nq	96
46) 2-Chloronaphthalene	9.23	162	476425	39.148	nq #	93
47) 2-Nitroaniline	9.33	65	196804	48.238	nq	96
48) Acenaphthylene	9.64	152	765156	40.037	nq	99
49) Dimethylphthalate	9.50	163	535299	40.544	nq	99
50) 2,6-Dinitrotoluene	9.57	165	117542	44.601	nq #	68
51) Acenaphthene	9.82	154	461755	38.310	nq	98
52) 3-Nitroaniline	9.74	138	161680	47.550	nq	97
53) 2,4-Dinitrophenol	9.84	184	32029	32.452	nq #	75
54) Dibenzofuran	9.98	168	638574	39.530	nq	99
55) 4-Nitrophenol	9.90	139	115005	42.400	nq #	37
56) 2,4-Dinitrotoluene	9.97	165	157325	47.568	nq #	52
57) Fluorene	10.33	166	514794	41.219	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	122951	43.012	nq	93
59) Diethylphthalate	10.20	149	543457	39.362	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	236825	40.816	nq	90
61) 4-Nitroaniline	10.35	138	164170	50.801	nq	79
62) Azobenzene	10.48	77	635859	38.771	nq	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	57279	35.407	nq #	77
65) n-Nitrosodiphenylamine	10.44	169	475959	37.678	nq	98
66) 4-Bromophenyl-phenylether	10.81	248	145746	37.834	nq	91
67) Hexachlorobenzene	10.87	284	151455	38.573	nq #	91
68) Atrazine	10.97	200	120647	36.013	nq	99
69) Pentachlorophenol	11.07	266	86001	37.566	nq	99
70) Phenanthrene	11.29	178	766652	38.783	nq	100
71) Anthracene	11.34	178	791455	39.475	nq	99
72) Carbazole	11.49	167	769804	40.449	nq	98
73) Di-n-butylphthalate	11.83	149	897441	40.939	nq	99
74) Fluoranthene	12.47	202	846661	41.035	nq	99
76) Benzidine	12.60	184	400434	39.056	nq #	93
77) Pyrene	12.70	202	870434	34.034	nq	99
79) Butylbenzylphthalate	13.32	149	395729	40.357	nq #	78
80) Benzo(a)anthracene	13.89	228	689544	36.793	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	276614	43.740	nq #	96
82) Chrysene	13.92	228	698099	37.445	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	485167	44.651	nq #	99
84) Di-n-octyl phthalate	14.49	149	911539	48.215	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	652128	47.549	nq	94
87) Benzo(b)fluoranthene	14.91	252	772219	40.205	nq	99
88) Benzo(k)fluoranthene	14.94	252	627314	34.763	nq #	95
89) Benzo(a)pyrene	15.26	252	672440	39.547	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	559727	40.434	nq	97
91) Benzo(g,h,i)perylene	17.12	276	551089	38.153	nq #	93

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

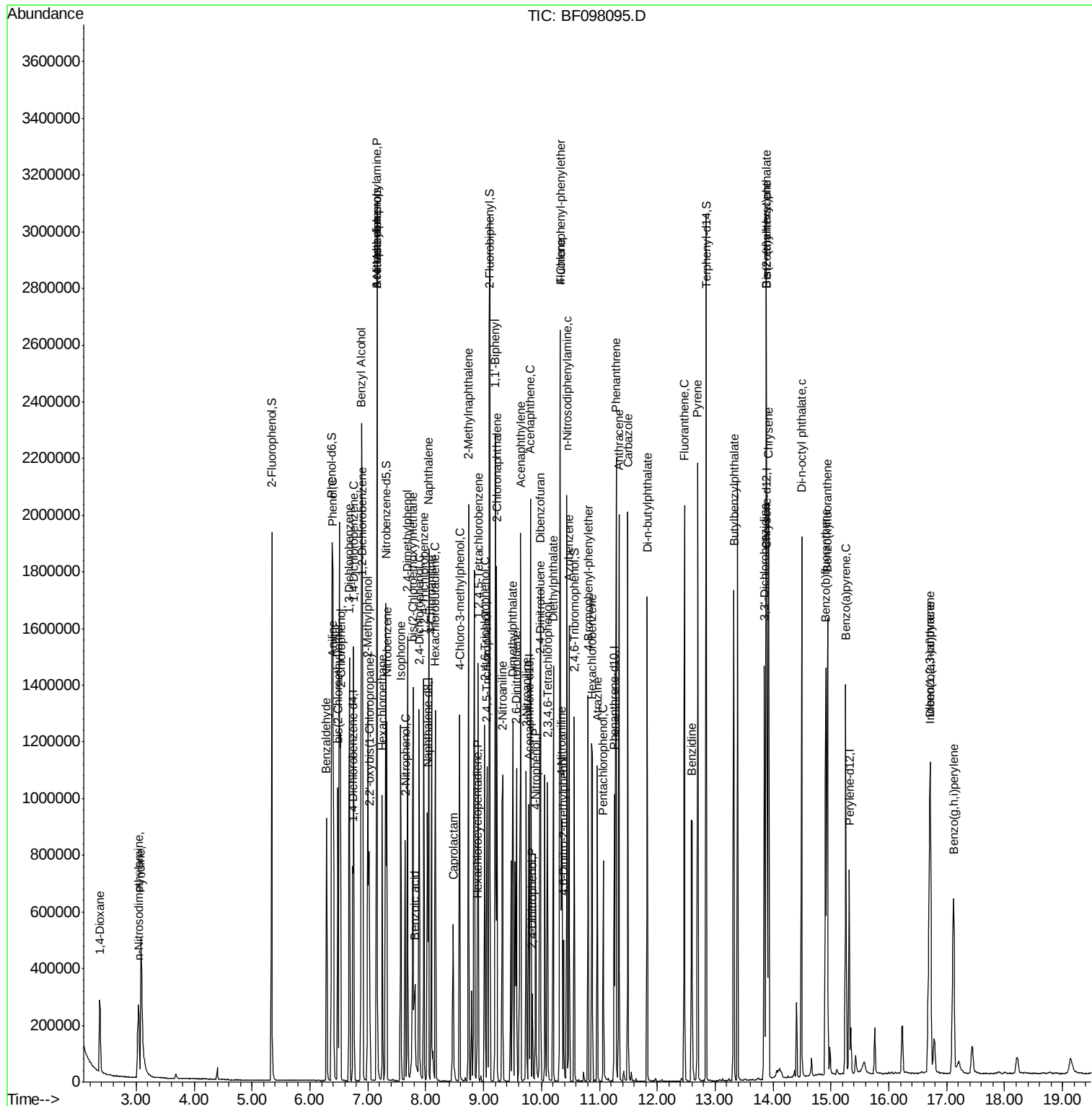
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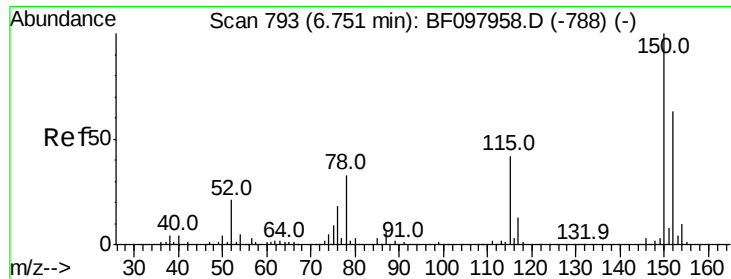
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
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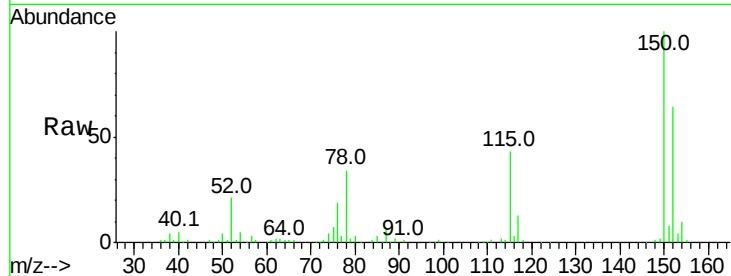


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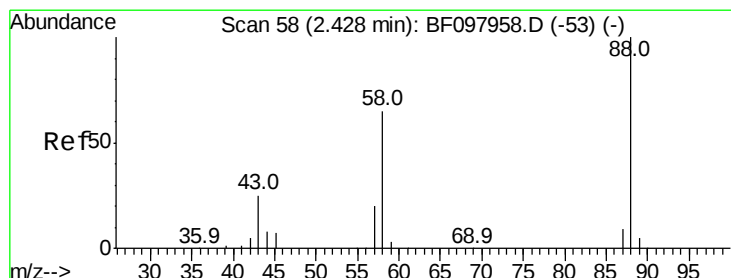
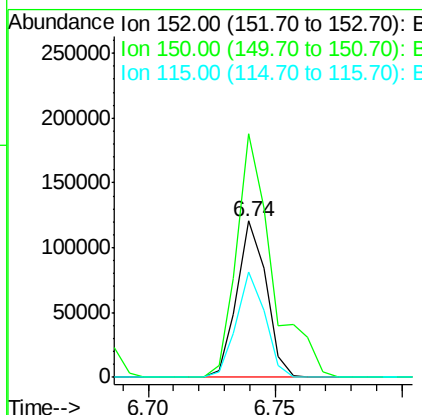
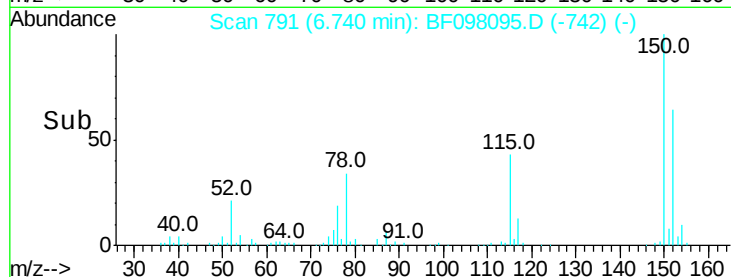
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 97785
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 67.2 52.2 78.2



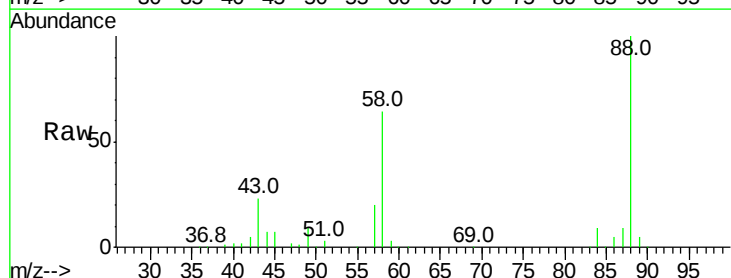
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



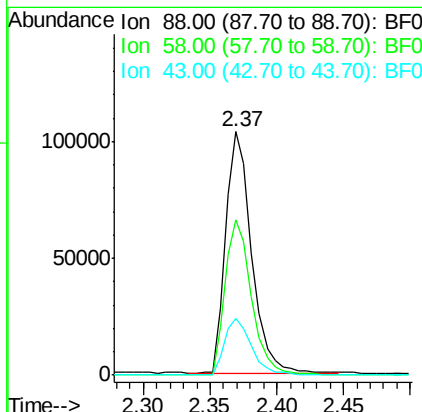
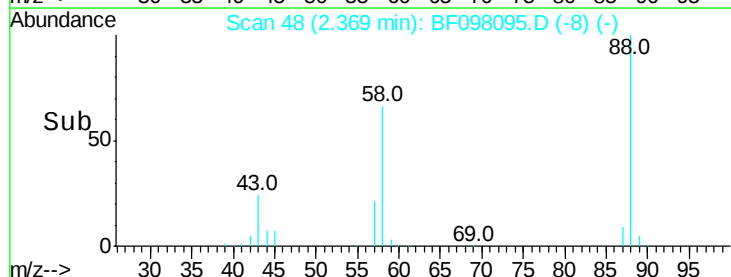
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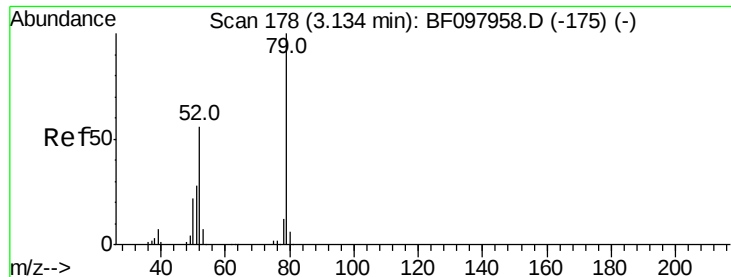
1,4-Dioxane
Concen: 39.107 ng
RT: 2.37 min Scan# 48
Delta R.T. -0.06 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion: 88 Resp: 140208
Ion Ratio Lower Upper
88 100
58 66.2 61.4 92.0
43 24.7 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

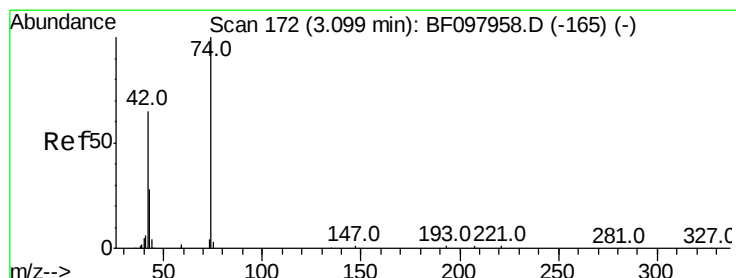
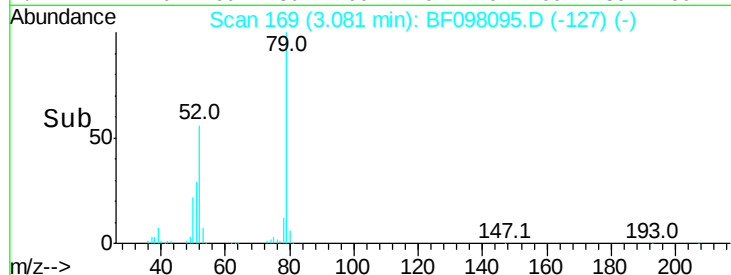
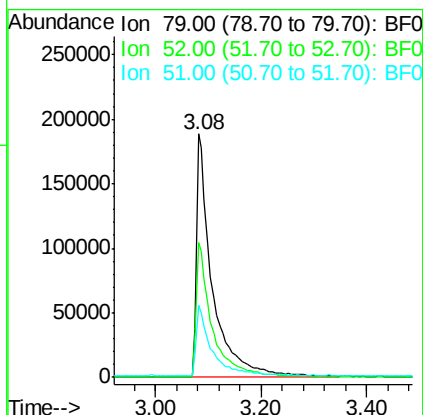
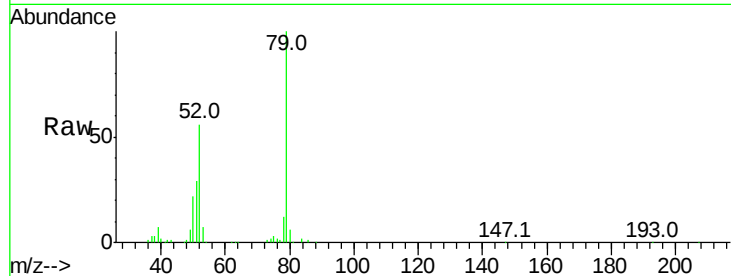




#3
Pvrindine
Concen: 40.290 ng
RT: 3.08 min Scan# 169
Delta R.T. -0.05 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

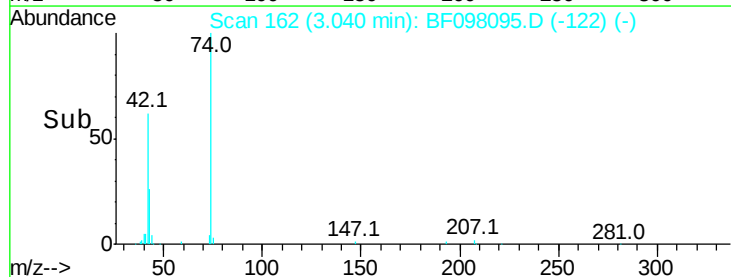
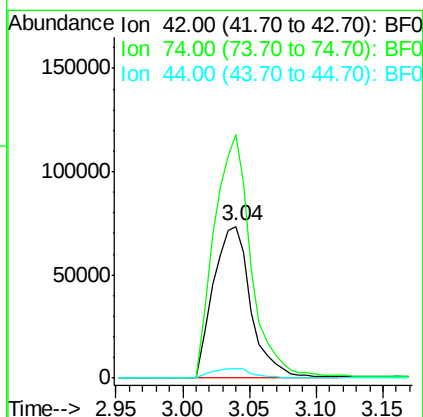
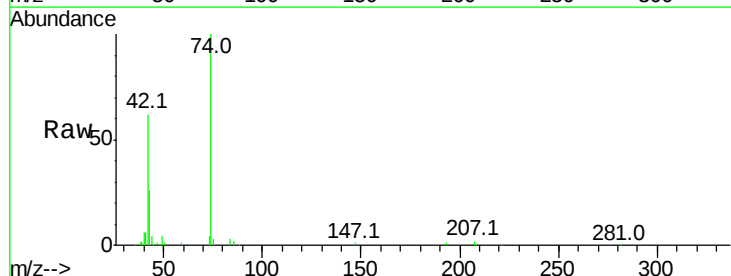
Instrument :
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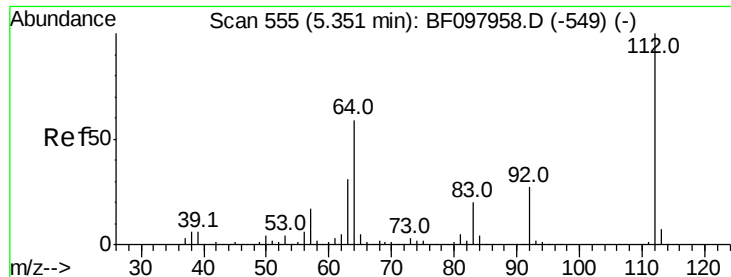
Tot Ion: 79 Resp: 399327
Ion Ratio Lower Upper
79 100
52 55.6 54.8 82.2
51 29.4 27.0 40.4



#4
n-Nitrosodimethylamine
Concen: 38.214 ng
RT: 3.04 min Scan# 162
Delta R.T. -0.06 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion: 42 Resp: 145734
Ion Ratio Lower Upper
42 100
74 160.7 103.9 155.9#
44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 81.252 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

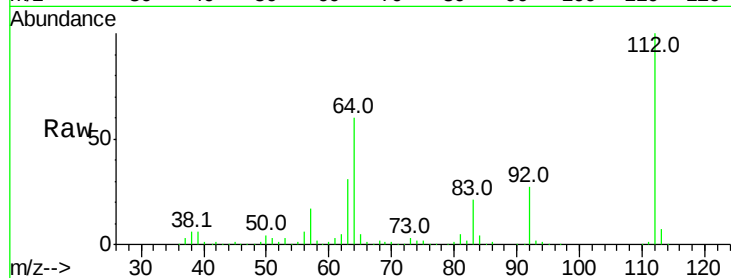
Tot Ion:112 Resp: 522346

Ion Ratio Lower Upper

112 100

64 59.9 46.0 69.0

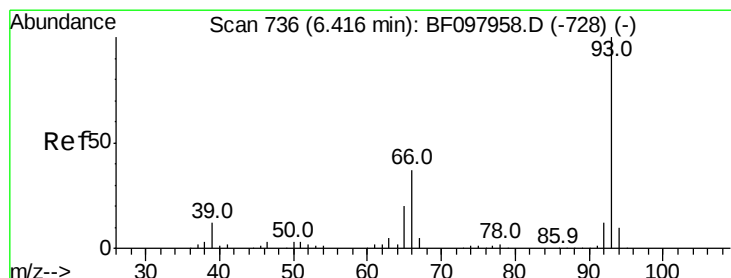
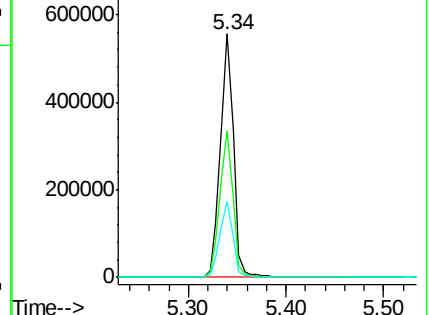
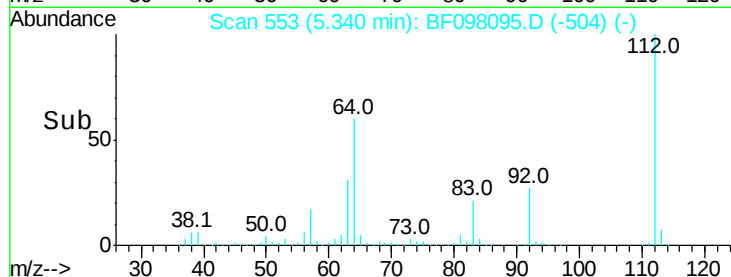
63 31.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.569 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

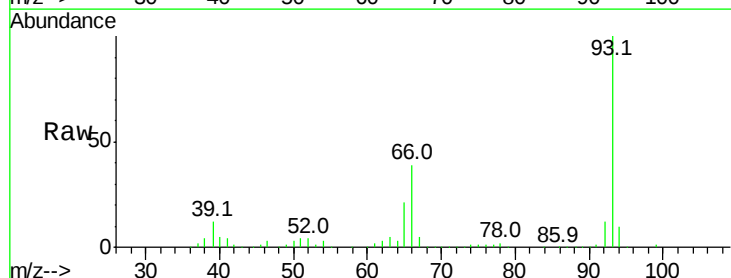
Tgt Ion: 93 Resp: 485530

Ion Ratio Lower Upper

93 100

66 39.0 32.9 49.3

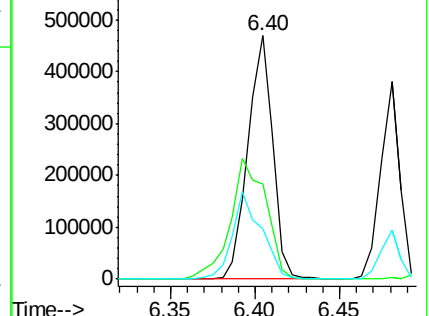
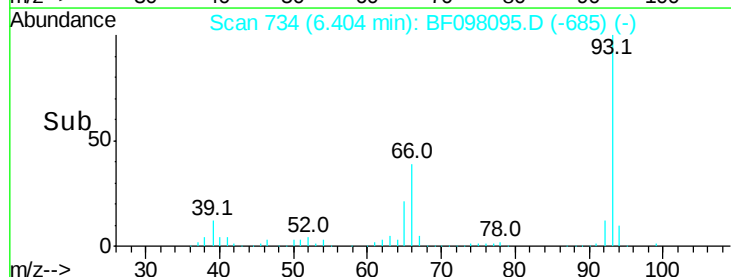
65 20.5 16.0 24.0

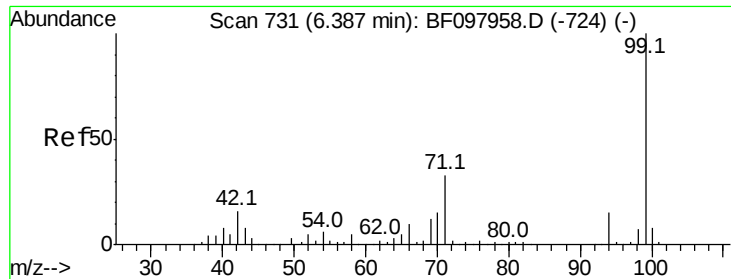


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.579 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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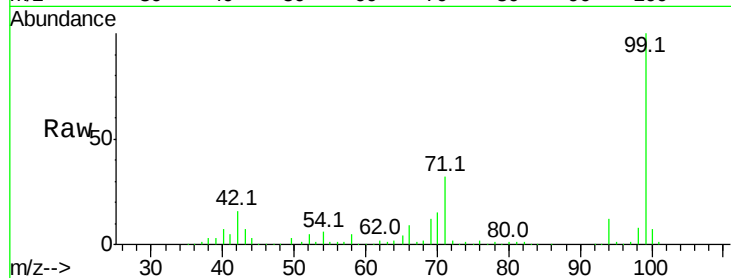
Tot Ion: 99 Resp: 721306

Ion Ratio Lower Upper

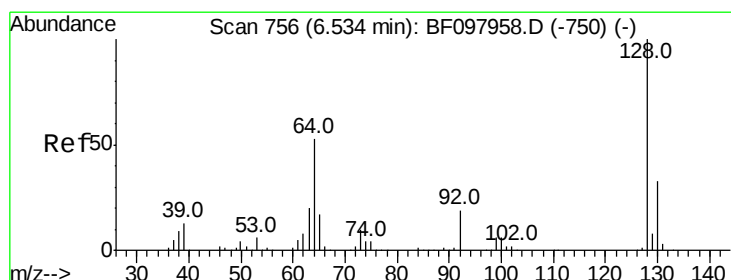
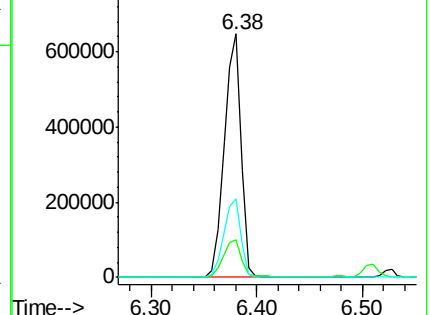
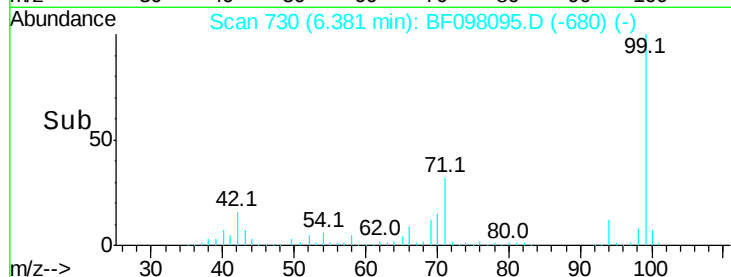
99 100

42 15.5 13.5 20.3

71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.641 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

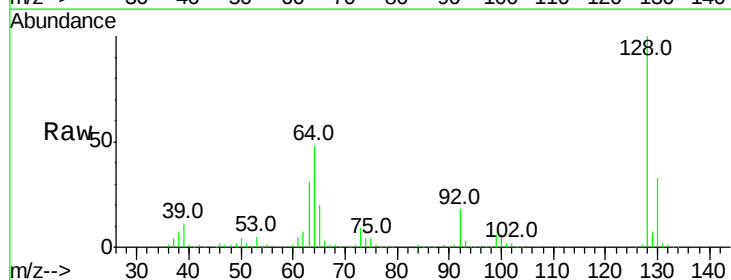
Tgt Ion: 128 Resp: 282312

Ion Ratio Lower Upper

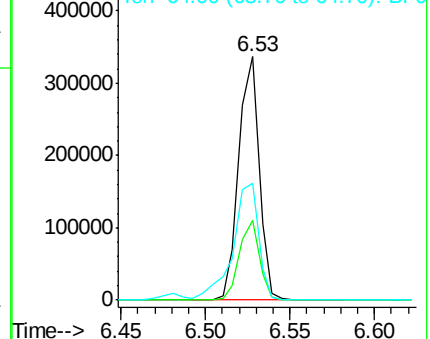
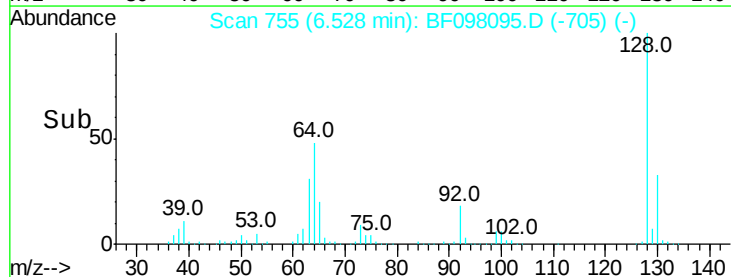
128 100

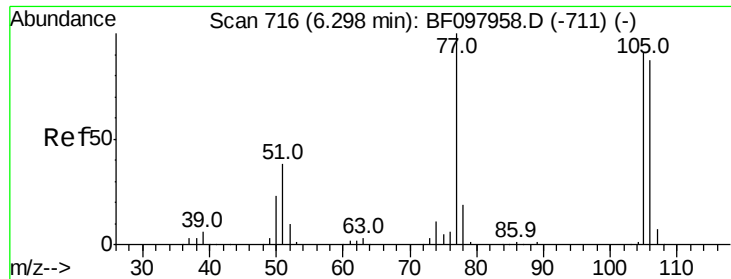
130 32.8 12.9 52.9

64 48.1 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.417 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

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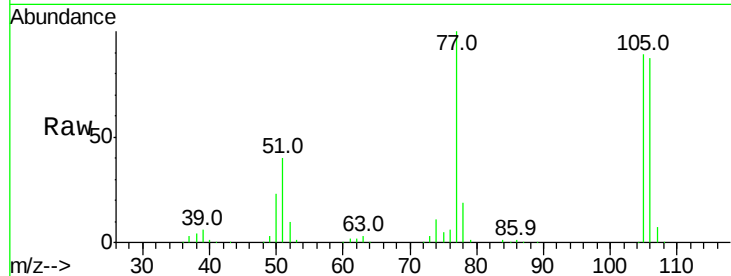
Tot Ion: 77 Resp: 212545

Ion Ratio Lower Upper

77 100

105 89.0 83.8 123.8

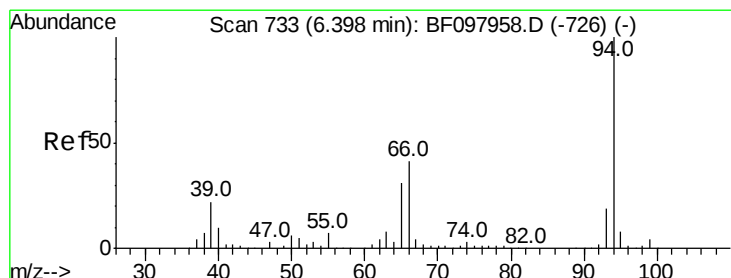
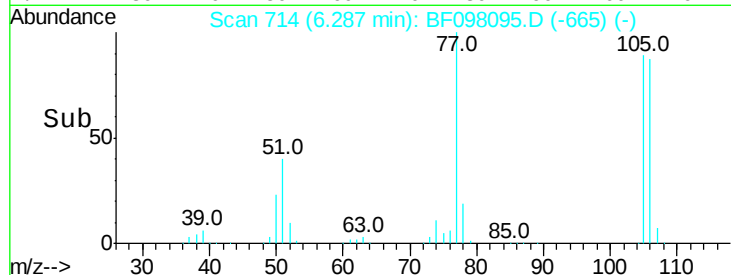
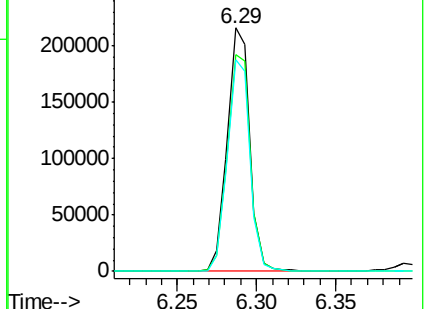
106 87.1 79.1 119.1



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: 41.454 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

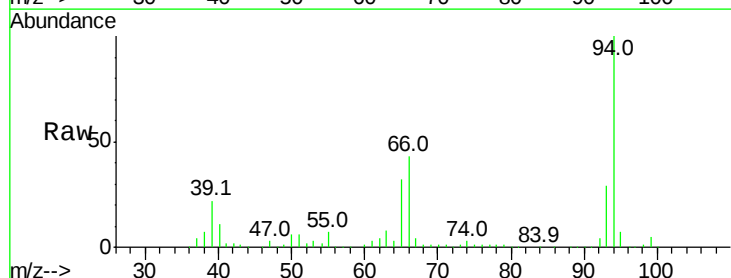
Tgt Ion: 94 Resp: 423477

Ion Ratio Lower Upper

94 100

65 31.6 9.9 49.9

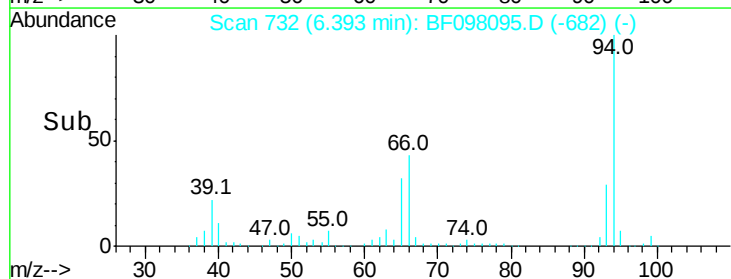
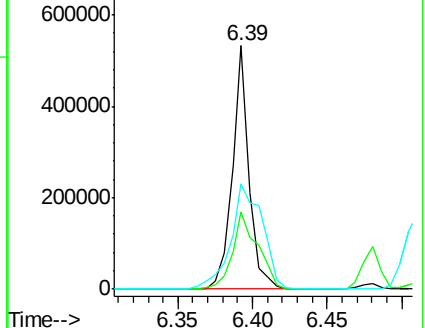
66 43.5 23.1 63.1

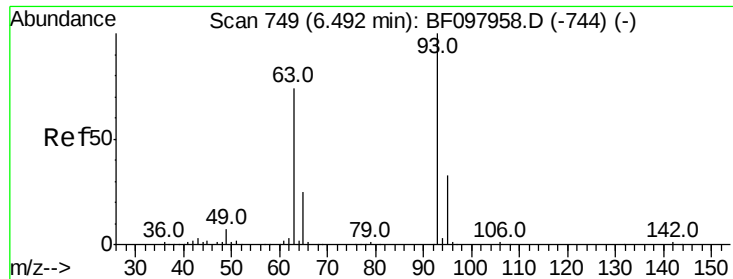


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.251 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

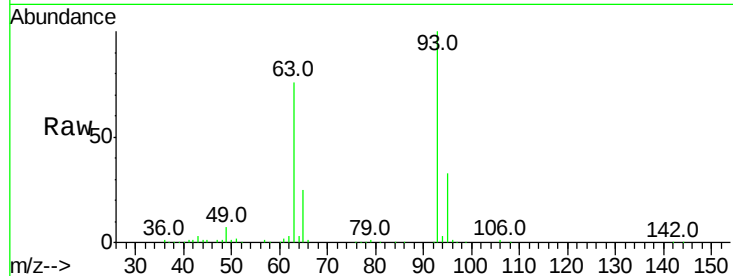
Tot Ion: 93 Resp: 302644

Ion Ratio Lower Upper

93 100

63 76.4 59.2 99.2

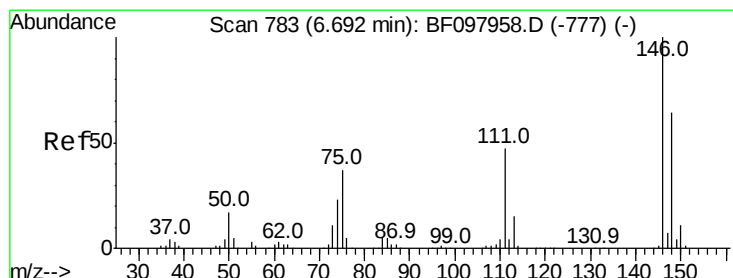
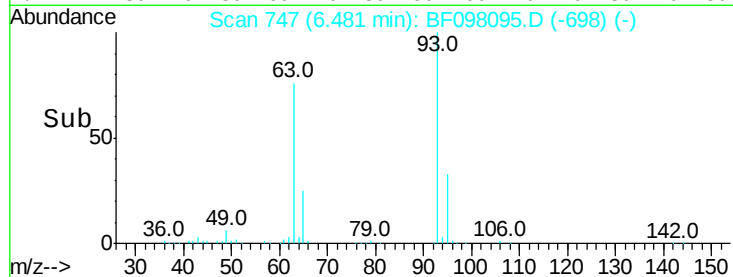
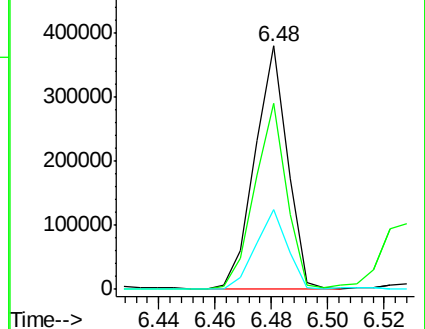
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.581 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

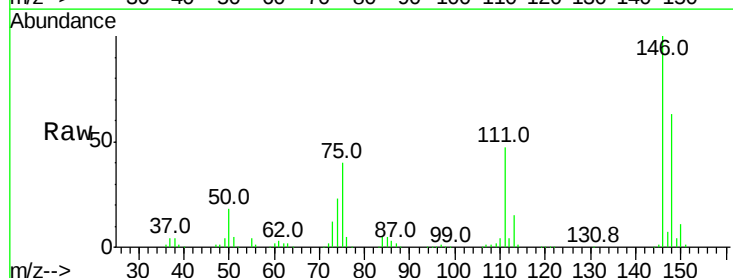
Tgt Ion: 146 Resp: 288649

Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.6

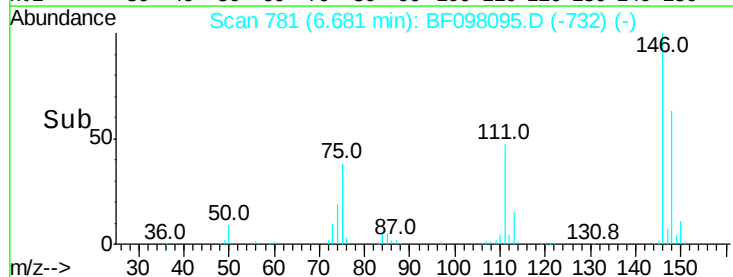
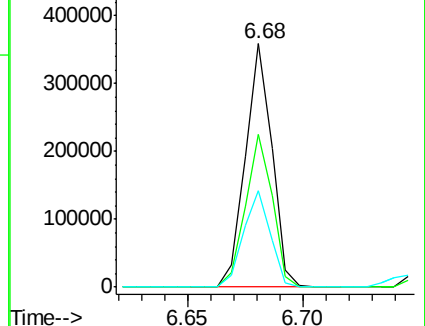
75 39.5 23.1 34.7#

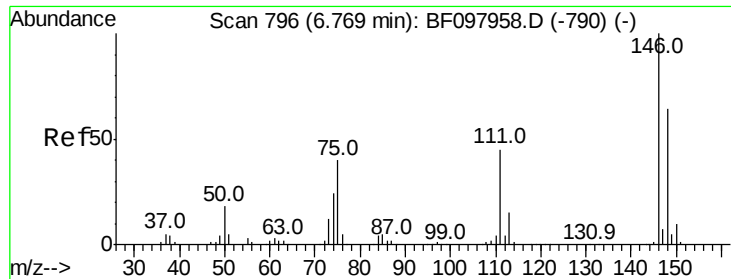


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

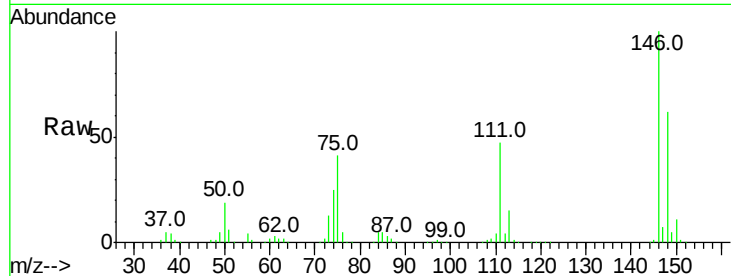




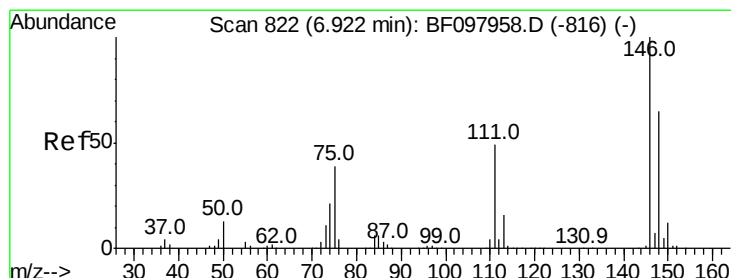
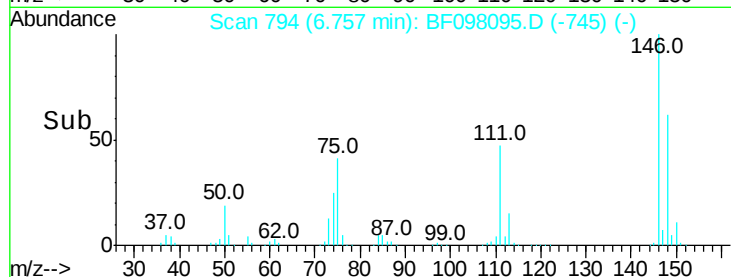
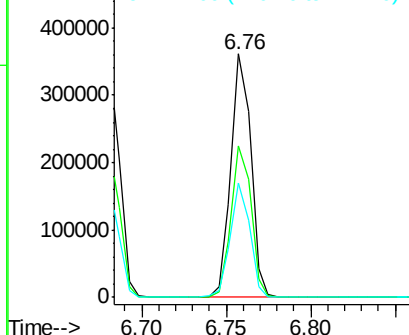
#13
 1,4-Dichlorobenzene
 Concen: 40.002 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 296694
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.2 78.2
 111 46.8 30.3 45.5#

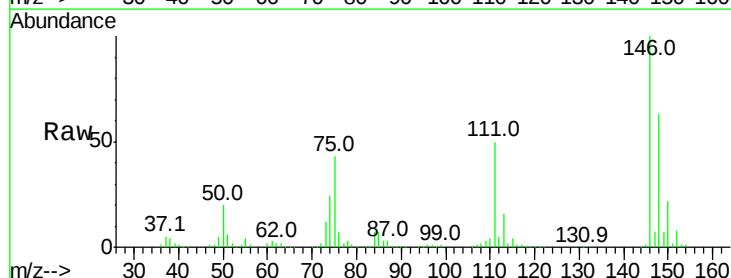


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

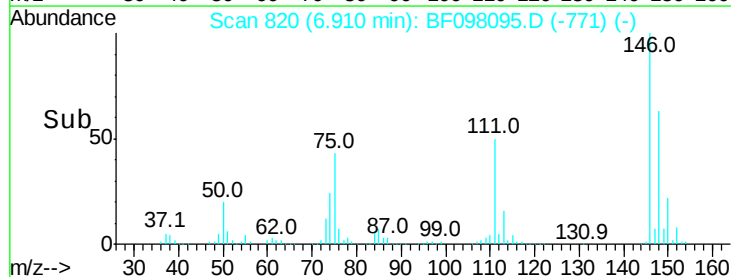
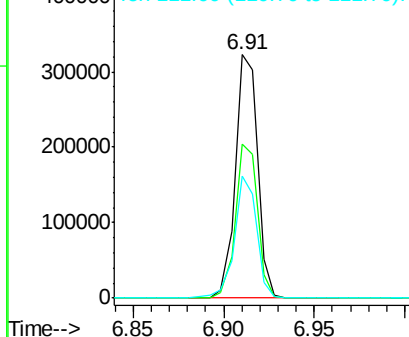


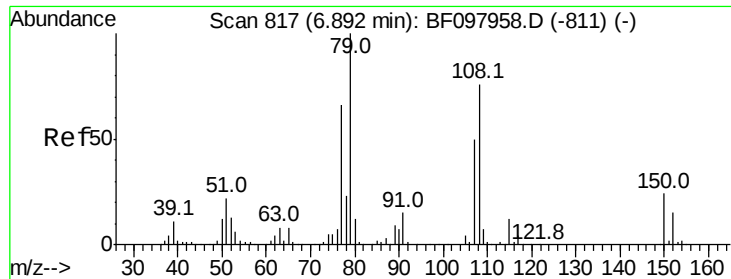
#14
 1,2-Dichlorobenzene
 Concen: 40.372 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion:146 Resp: 276099
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 50.0 38.2 57.4



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

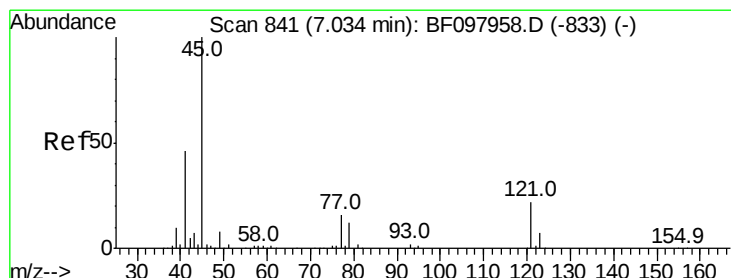
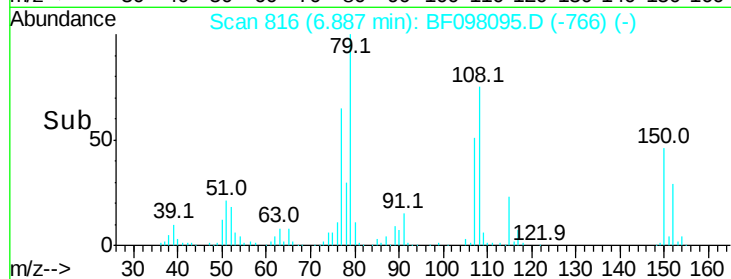
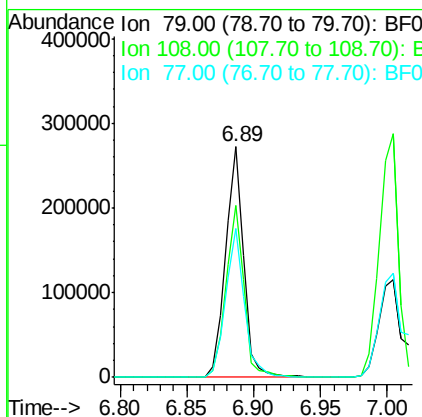
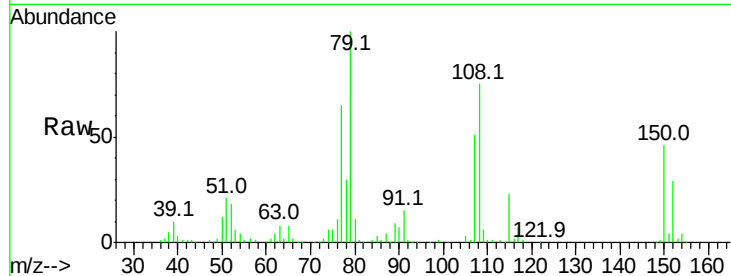




#15
Benzyl Alcohol
Concen: 40.036 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

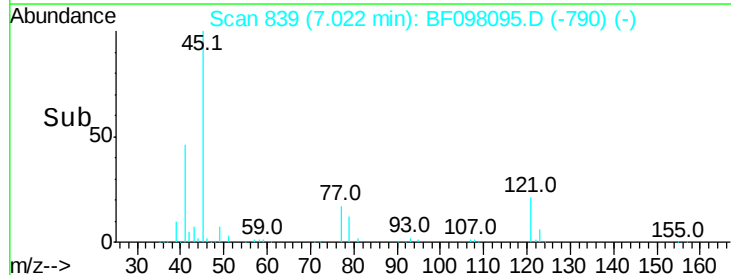
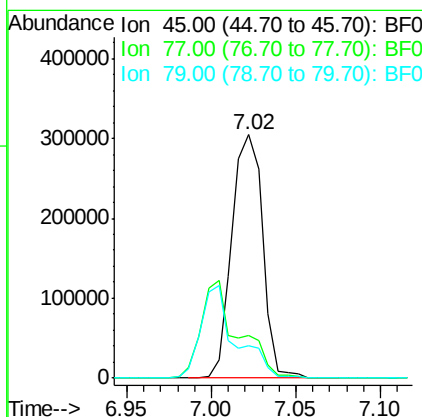
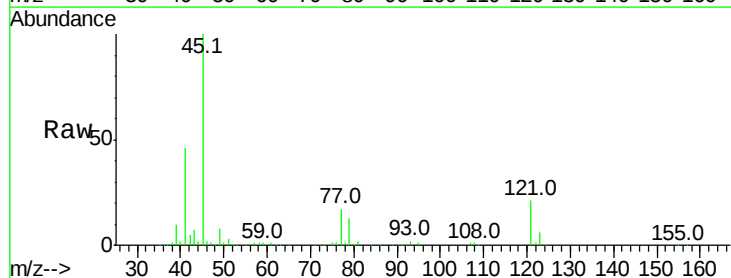
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

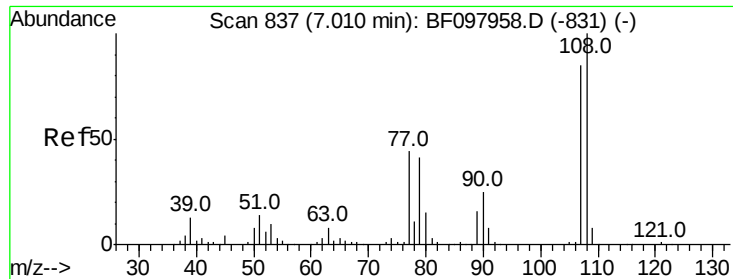
Tot Ion: 79 Resp: 261816
Ion Ratio Lower Upper
79 100
108 74.6 63.4 95.0
77 64.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.306 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion: 45 Resp: 387021
Ion Ratio Lower Upper
45 100
77 17.5 0.0 33.2
79 13.1 0.0 30.0

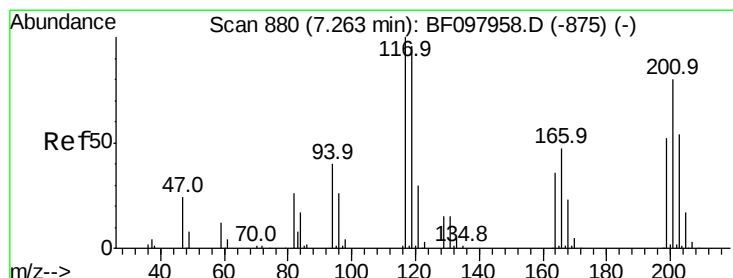
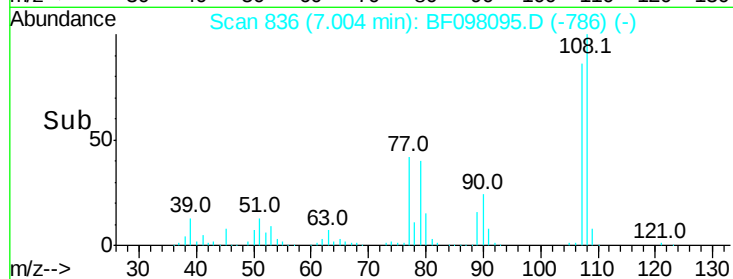
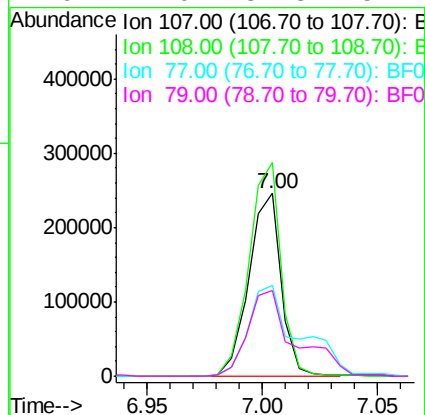
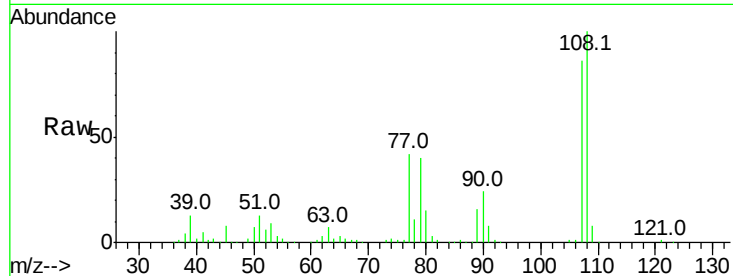




#17
2-Methylphenol
Concen: 40.272 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

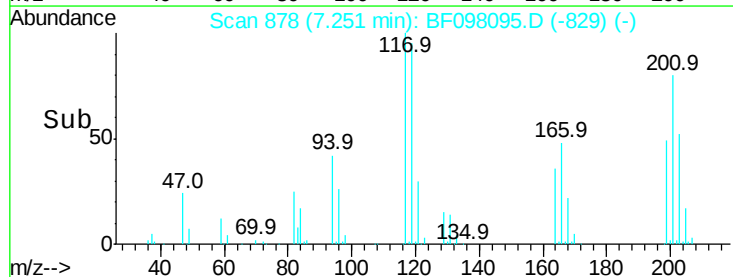
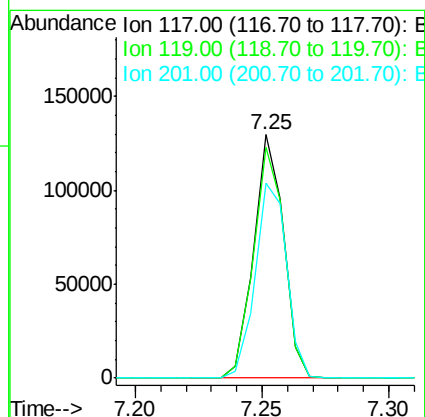
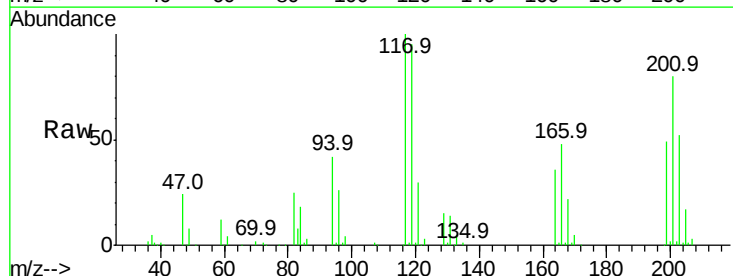
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	240606
Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.4	140.0
77	49.7	35.8	53.6
79	47.0	34.8	52.2



#18
Hexachloroethane
Concen: 36.806 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion:	117	Resp:	107028
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
201	80.3	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 37.617 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 224925

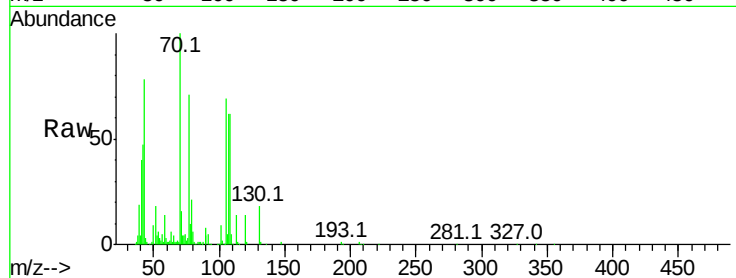
Ion Ratio Lower Upper

70 100

42 47.4 47.2 70.8

101 8.8 7.2 10.8

130 18.0 15.9 23.9

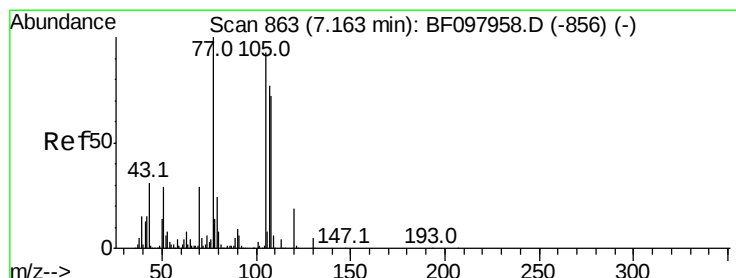
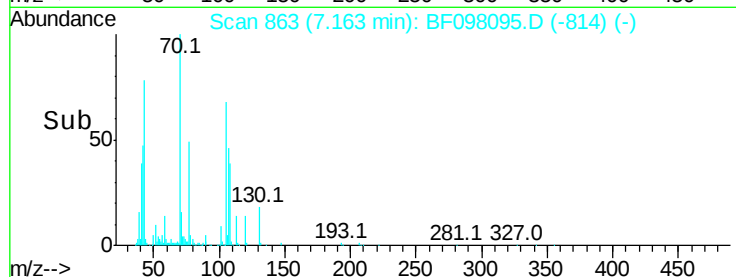
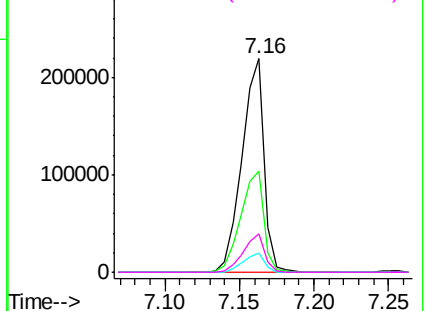


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 41.000 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Tgt Ion: 107 Resp: 299189

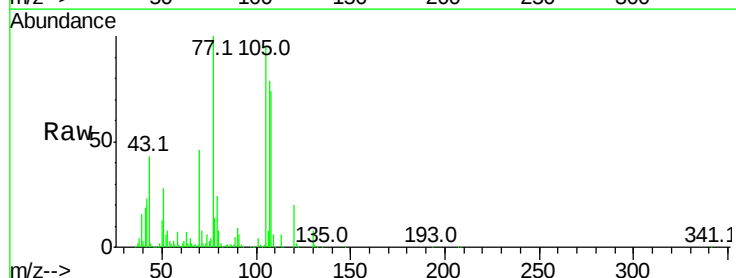
Ion Ratio Lower Upper

107 100

108 93.4 71.0 111.0

77 126.8 90.5 130.5

79 30.7 8.4 48.4

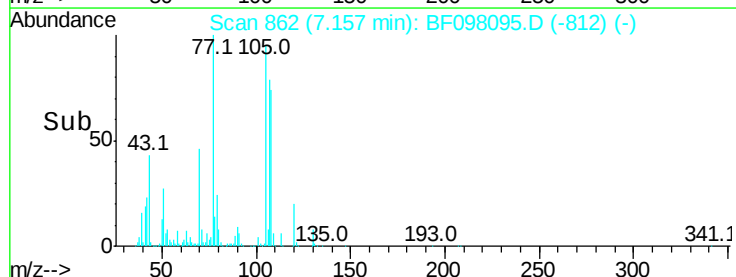
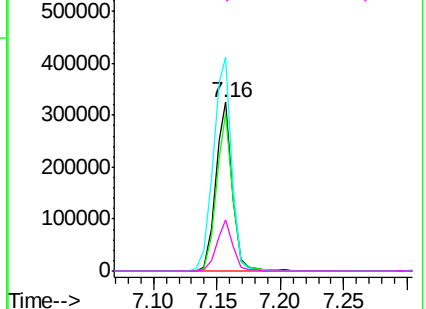


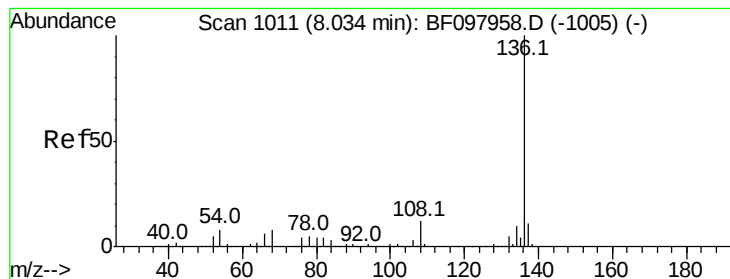
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 397798

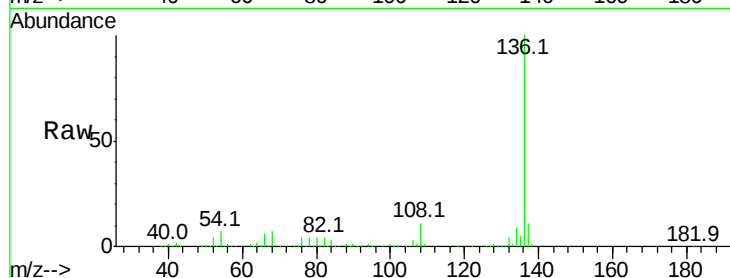
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.0 4.9 7.3

68 6.7 4.1 6.1#

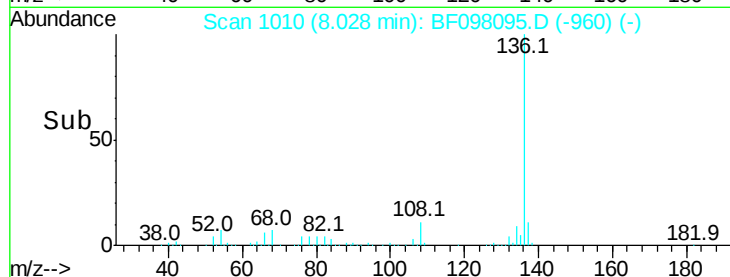


Abundance Ion 136.00 (135.70 to 136.70): E

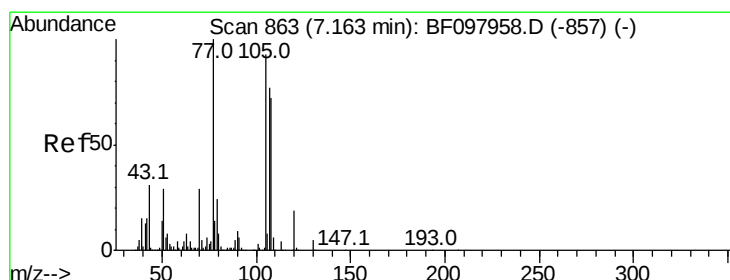
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.95 8.00 8.05 8.10



#22

Acetophenone

Concen: 37.988 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Tgt Ion:105 Resp: 399208

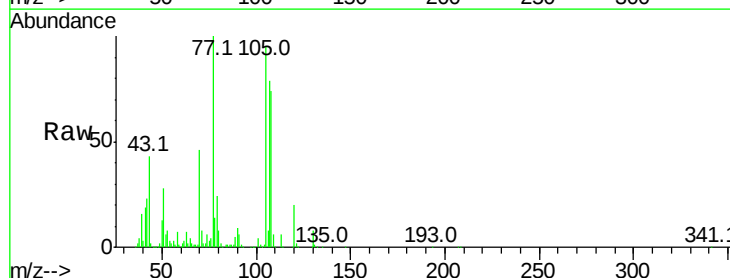
Ion Ratio Lower Upper

105 100

71 8.0 2.8 4.2#

51 28.9 30.7 46.1#

120 20.6 17.4 26.0

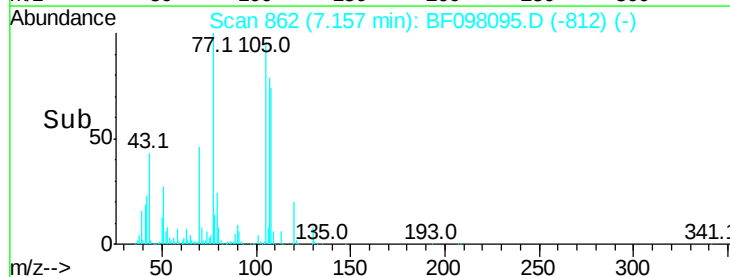


Abundance Ion 105.00 (104.70 to 105.70): E

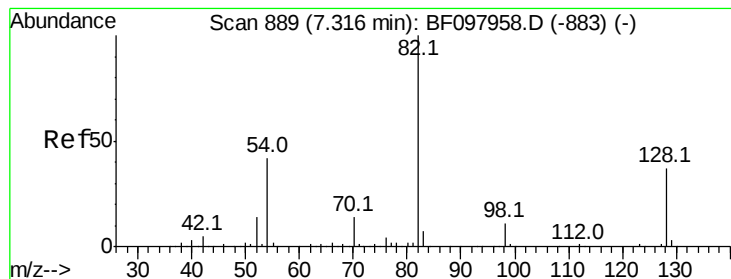
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.10 7.15 7.20



#23

Nitrobenzene-d5

Concen: 88.421 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

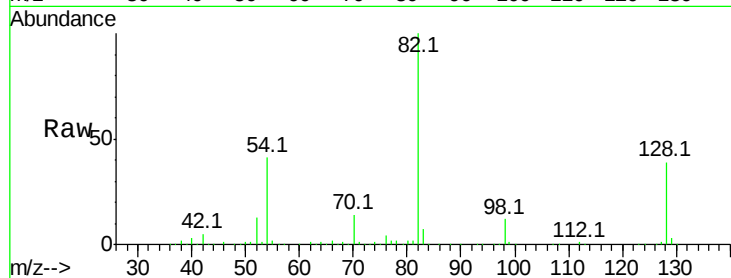
Tot Ion: 82 Resp: 647472

Ion Ratio Lower Upper

82 100

128 39.0 34.0 51.0

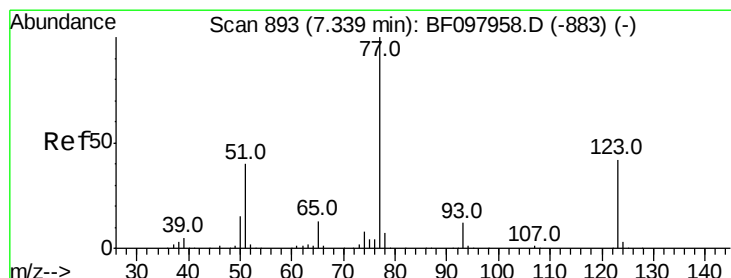
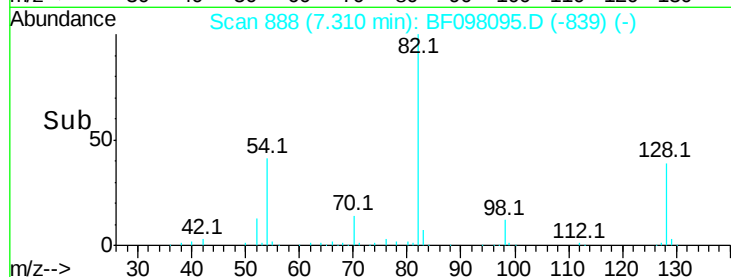
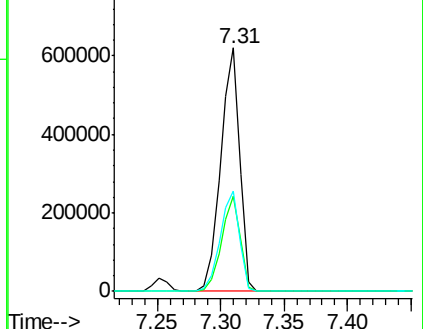
54 41.2 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.776 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

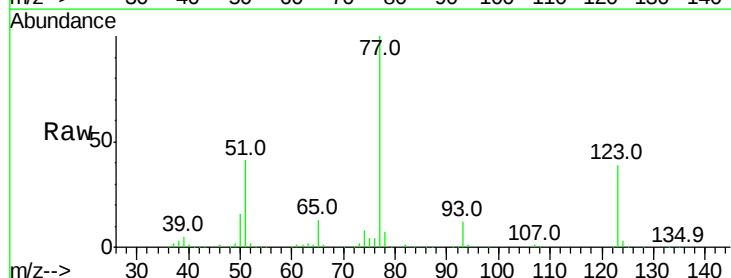
Tgt Ion: 77 Resp: 348767

Ion Ratio Lower Upper

77 100

123 39.3 35.8 53.8

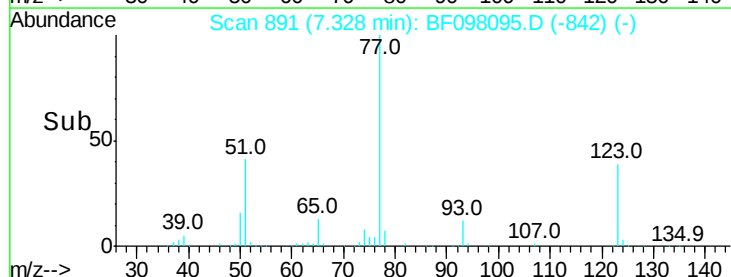
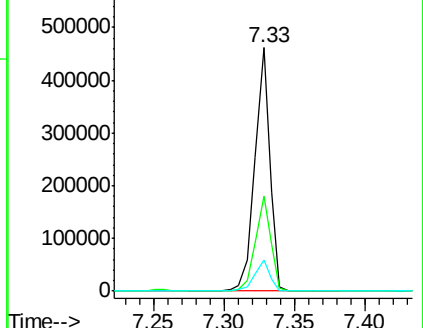
65 12.6 10.6 15.8

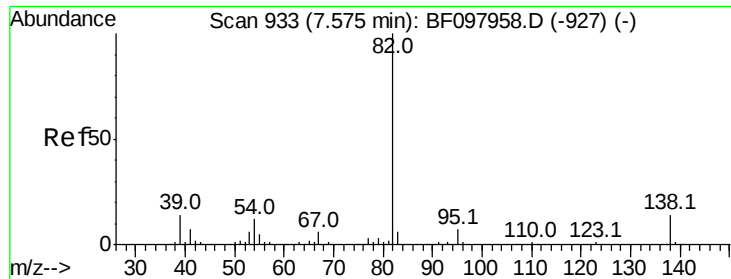


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.880 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

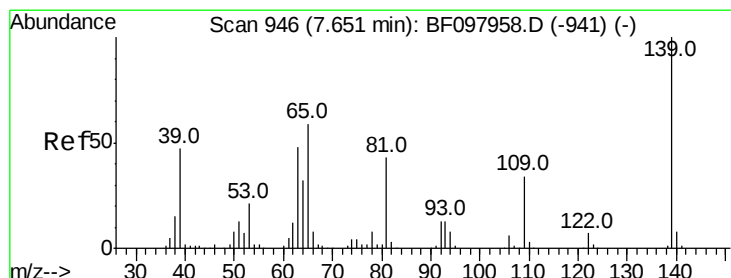
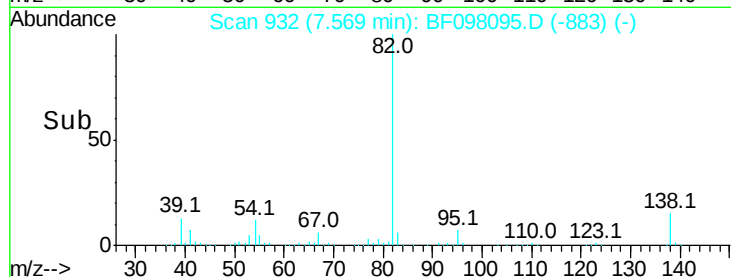
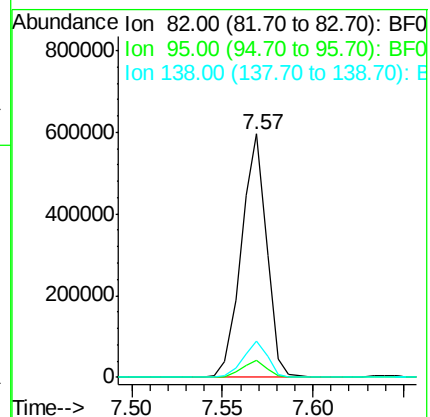
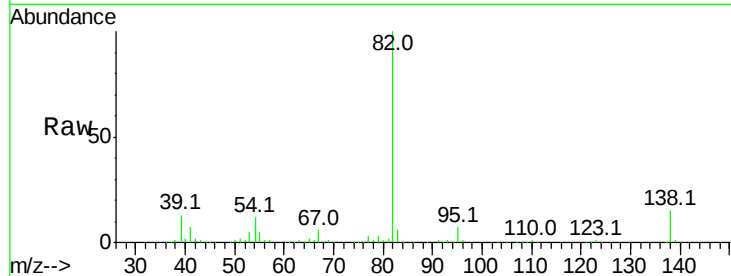
Tot Ion: 82 Resp: 576772

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 14.8 13.1 19.7



#26

2-Nitrophenol

Concen: 47.217 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

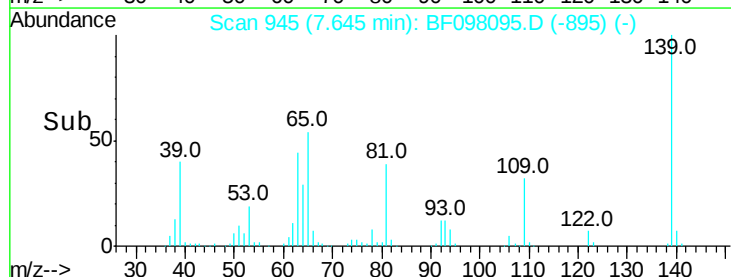
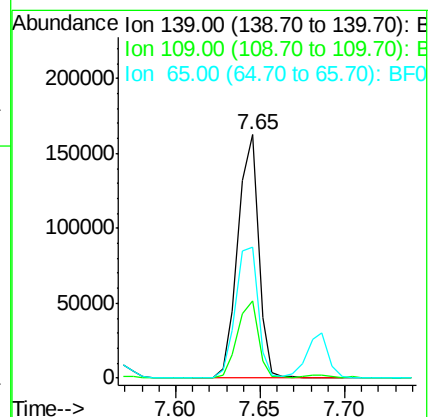
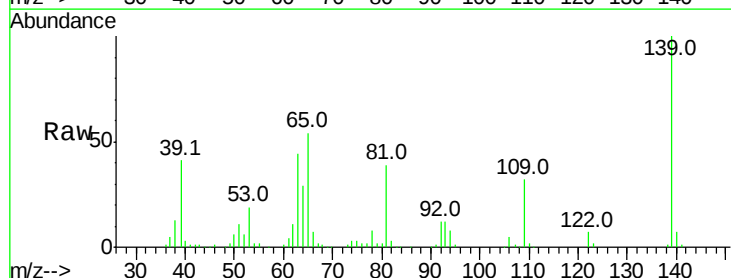
Tgt Ion: 139 Resp: 139190

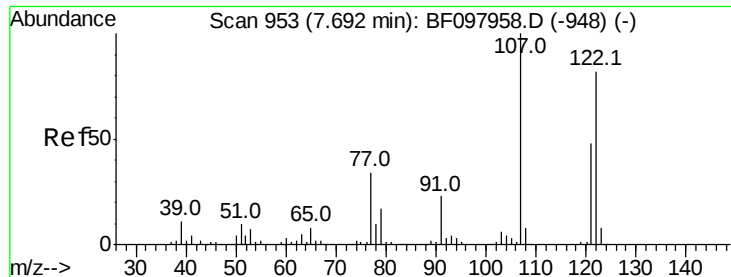
Ion Ratio Lower Upper

139 100

109 31.9 21.0 31.6#

65 53.9 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.707 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

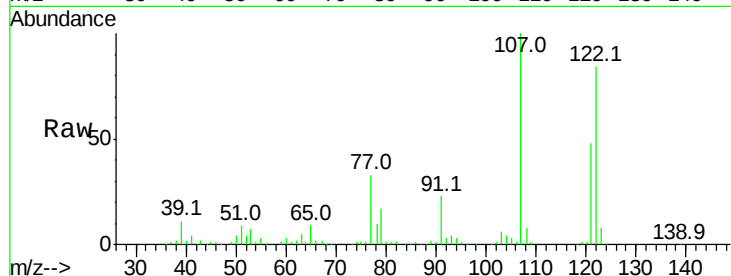
Tot Ion:122 Resp: 252151

Ion Ratio Lower Upper

122 100

107 119.0 89.2 133.8

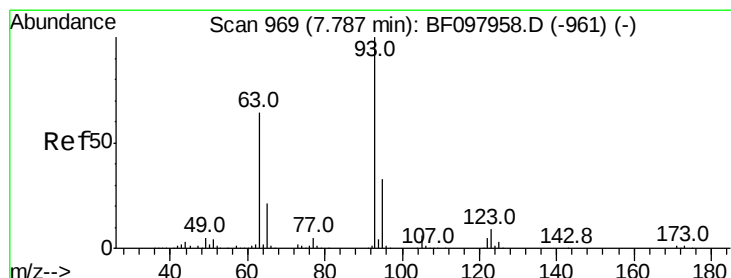
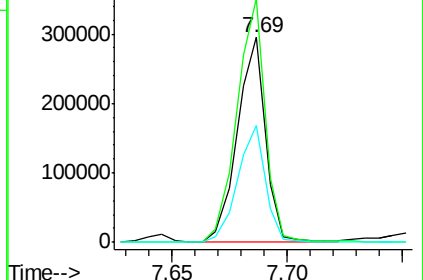
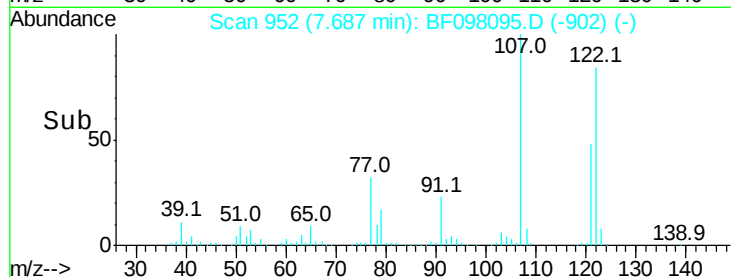
121 57.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.355 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

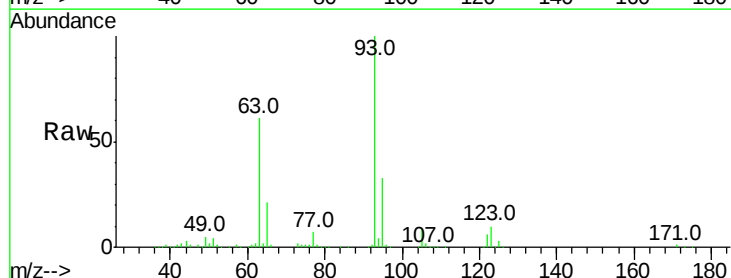
Tgt Ion: 93 Resp: 383943

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

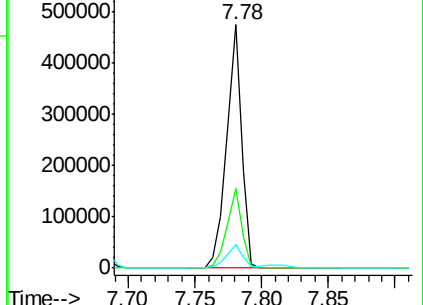
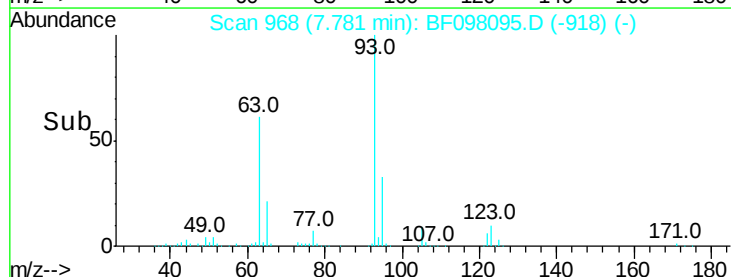
123 9.7 9.0 13.4

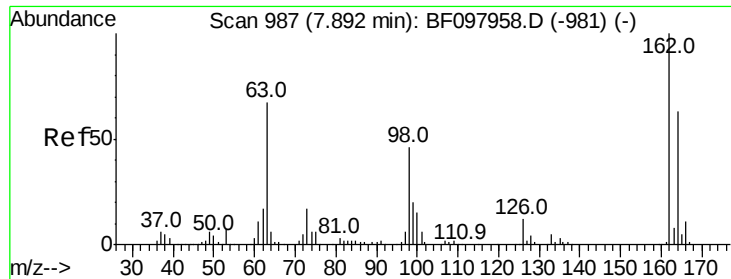


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

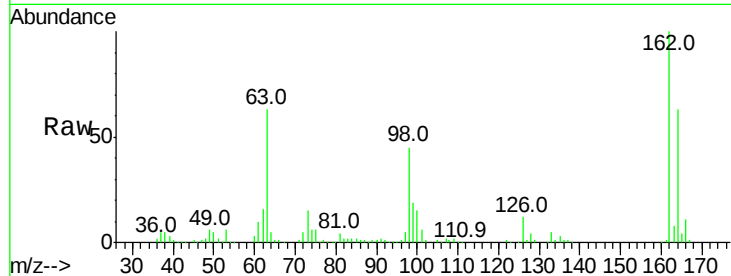




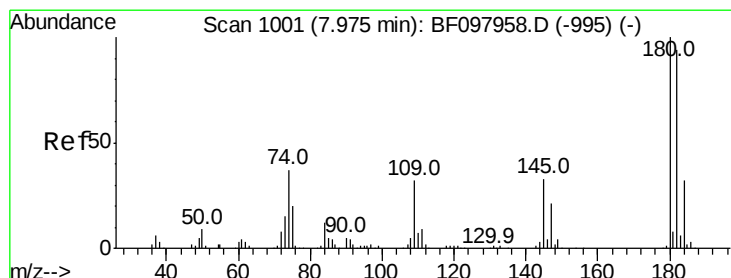
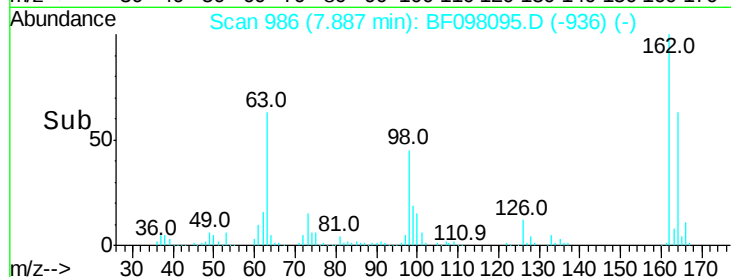
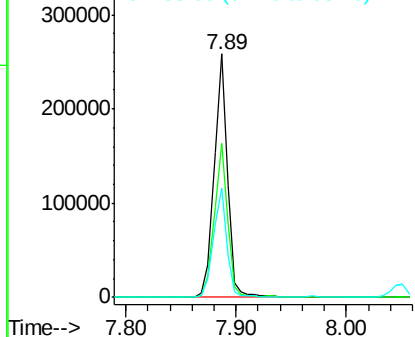
#29
 2,4-Dichlorophenol
 Concen: 40.732 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	44.7	14.8	54.8

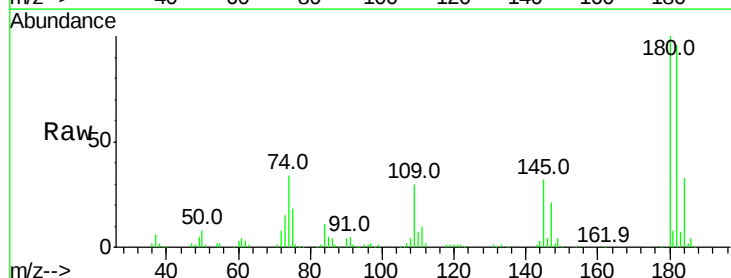


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

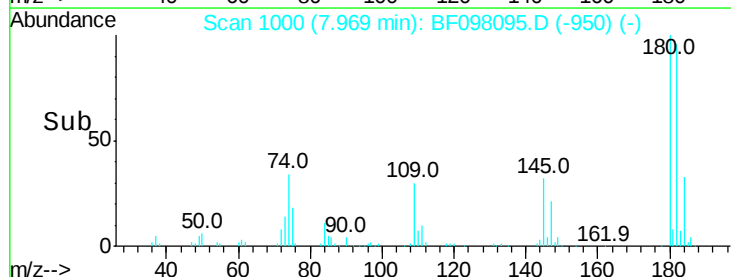
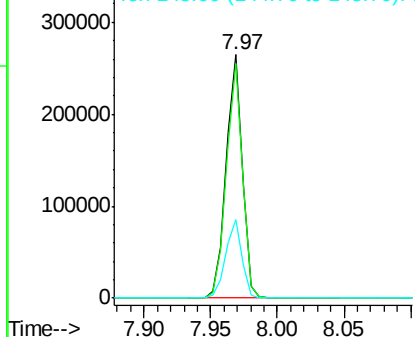


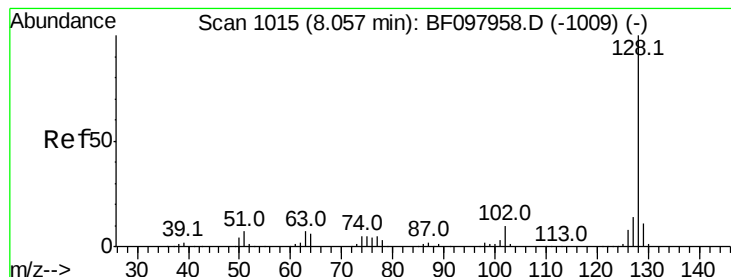
#30
 1,2,4-Trichlorobenzene
 Concen: 39.092 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.6
145	32.3	25.3	37.9



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





#31

Naphthalene

Concen: 39.373 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

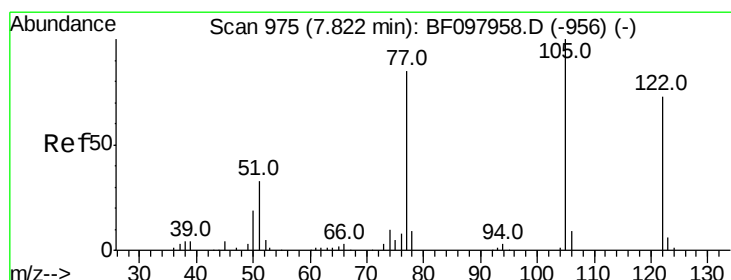
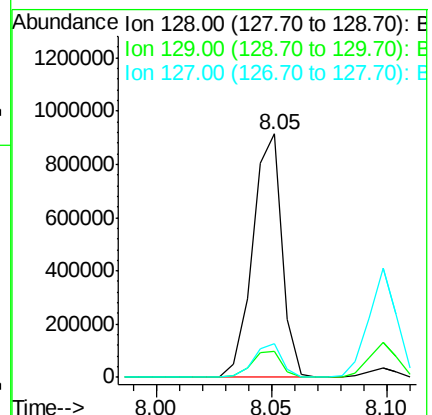
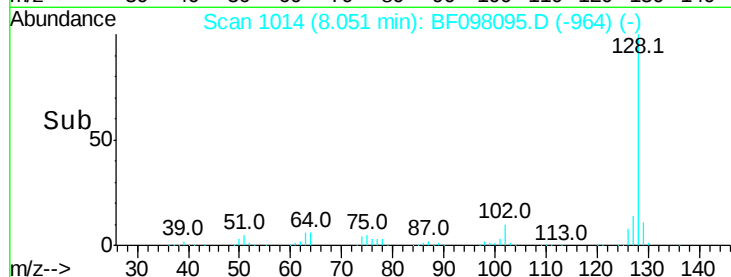
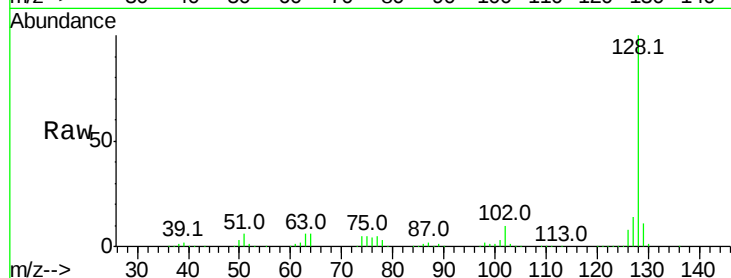
Tot Ion:128 Resp: 813127

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 13.9 10.8 16.2



#32

Benzoic acid

Concen: 42.527 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

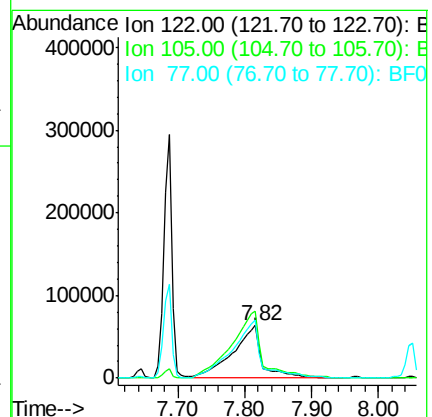
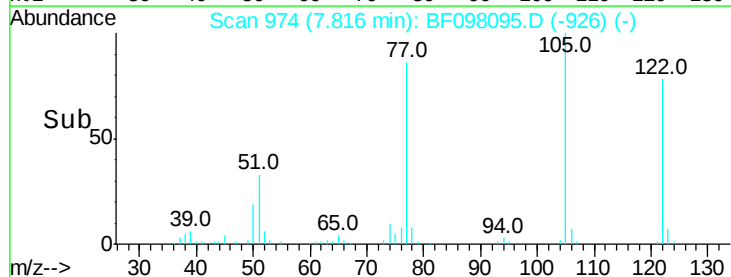
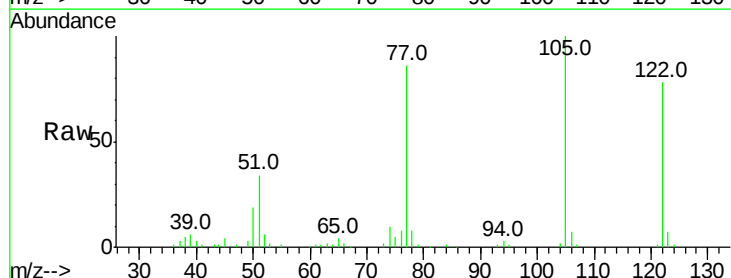
Tgt Ion:122 Resp: 192864

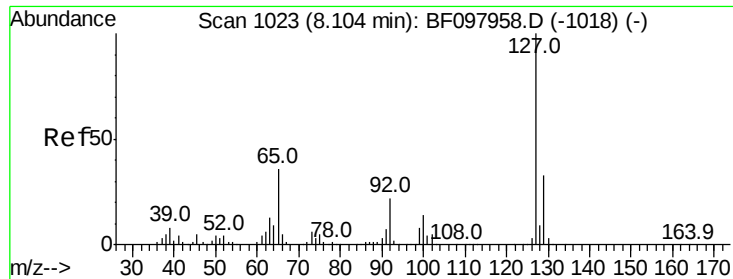
Ion Ratio Lower Upper

122 100

105 128.9 103.3 143.3

77 110.5 73.7 113.7

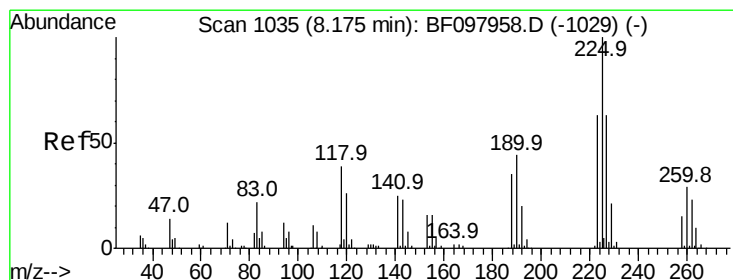
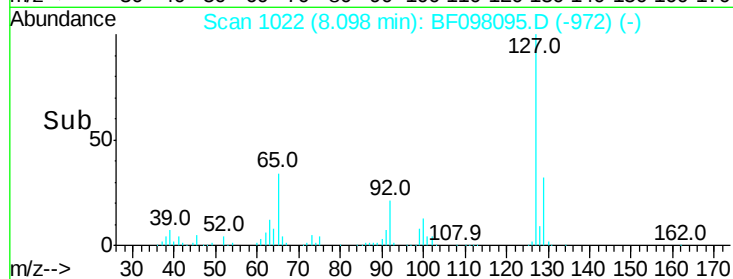
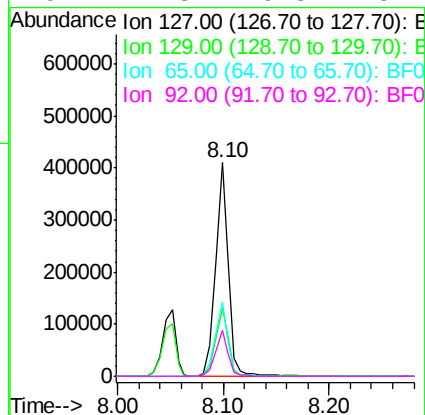
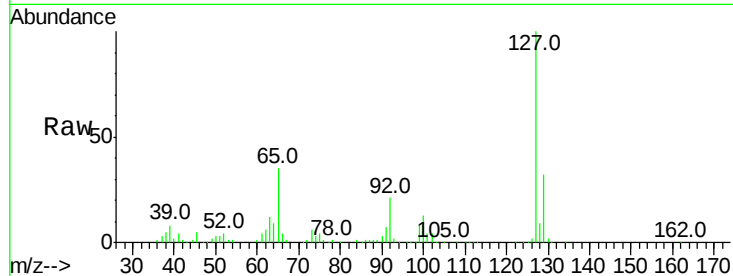




#33
4-Chloroaniline
Concen: 40.669 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

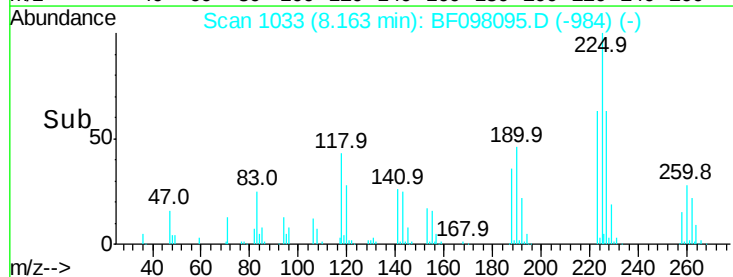
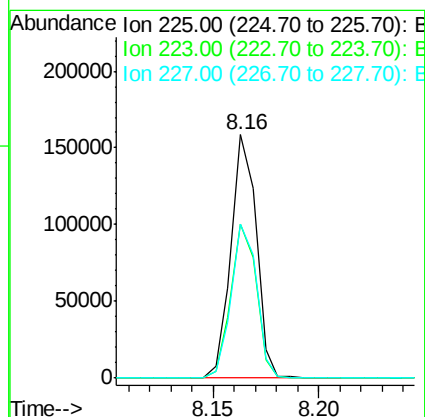
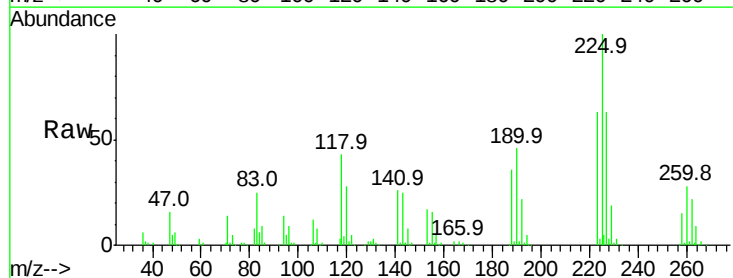
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

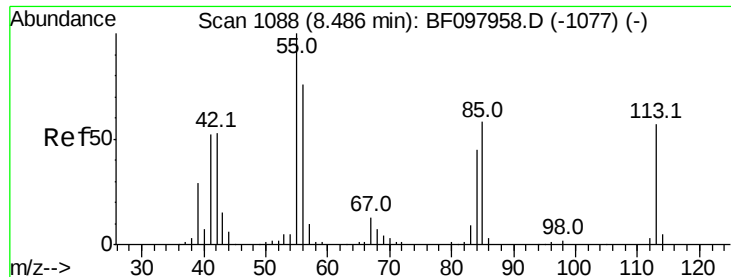
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	34.7	27.8	41.8
92	21.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.393 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	63.3	51.1	76.7

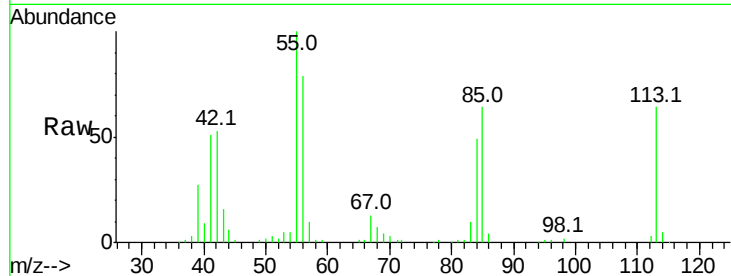




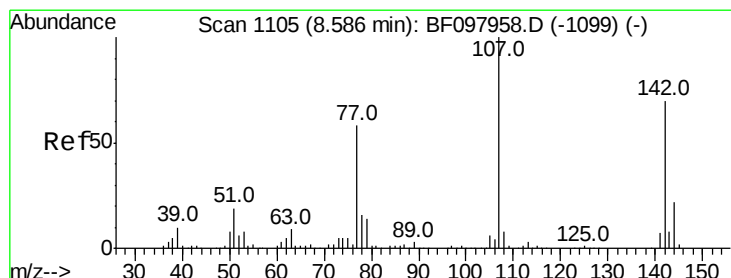
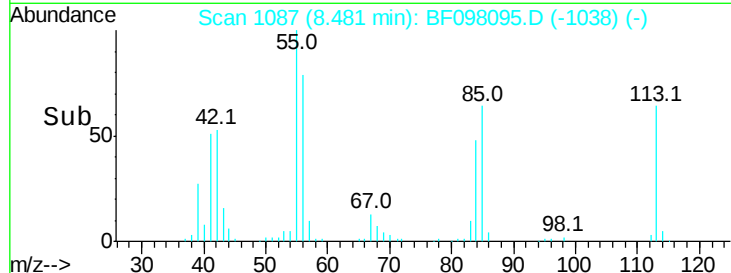
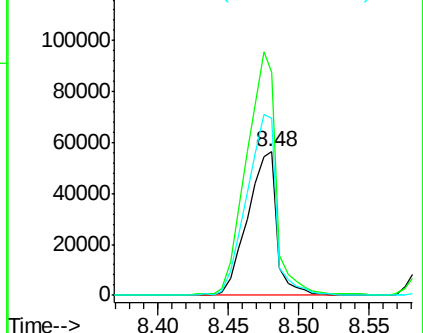
#35
 Caprolactam
 Concen: 45.937 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 82320
 Ion Ratio Lower Upper
 113 100
 55 155.2 150.2 190.2
 56 123.0 107.8 147.8

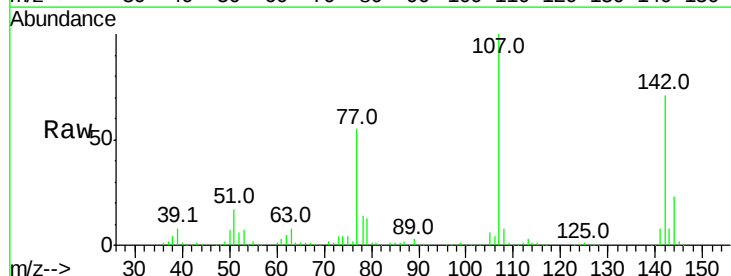


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

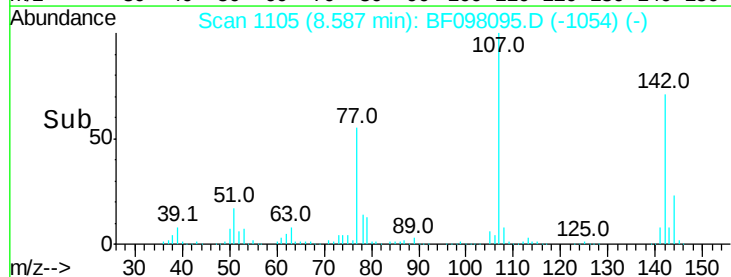
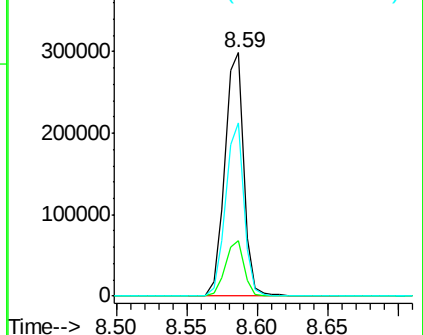


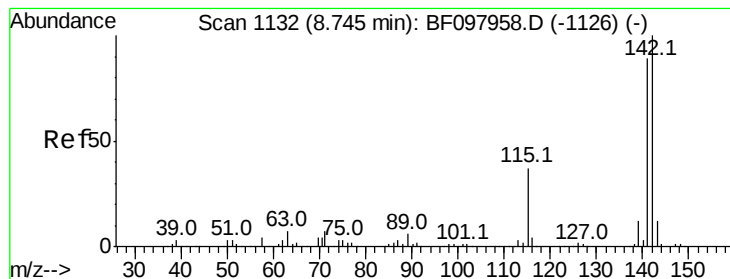
#36
 4-Chloro-3-methylphenol
 Concen: 41.277 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion:107 Resp: 279553
 Ion Ratio Lower Upper
 107 100
 144 23.0 24.2 36.4#
 142 71.2 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

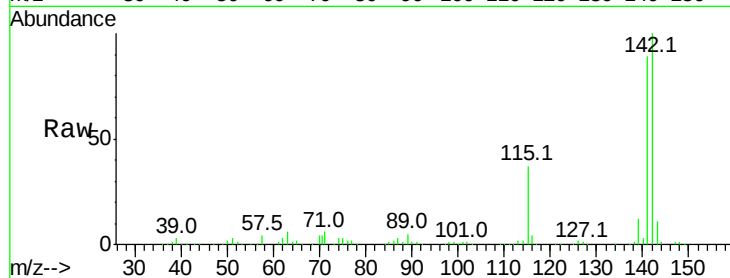




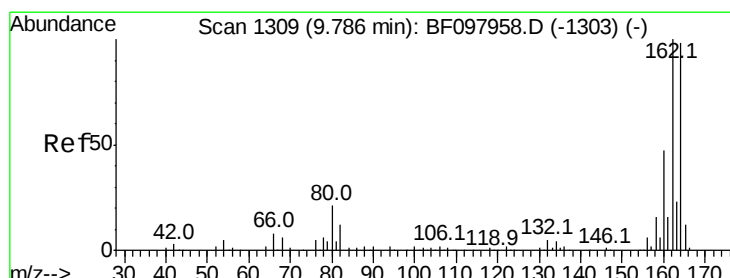
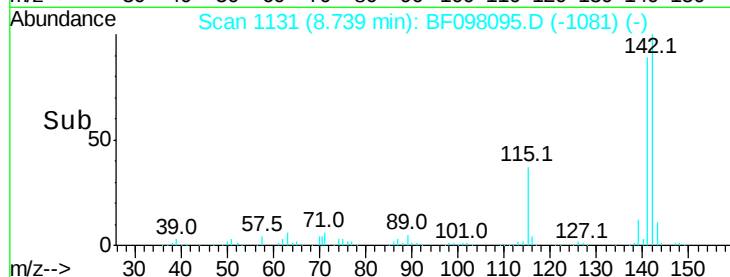
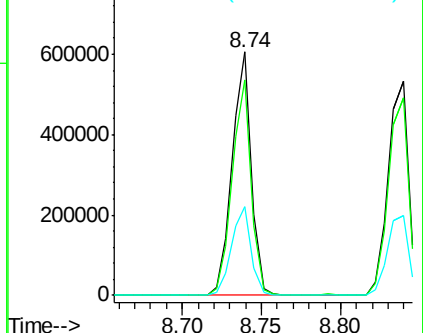
#37
 2-Methylnaphthalene
 Concen: 40.177 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	36.5	27.1	40.7

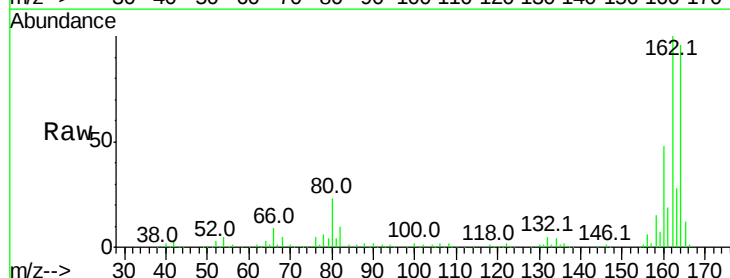


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

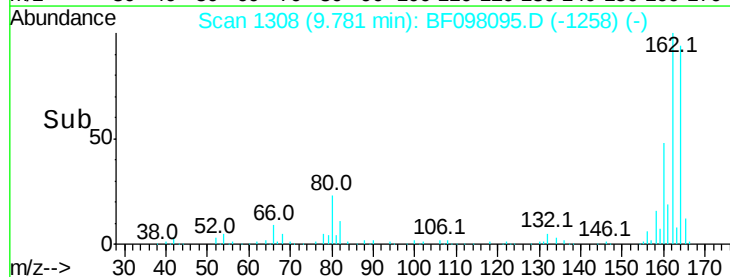
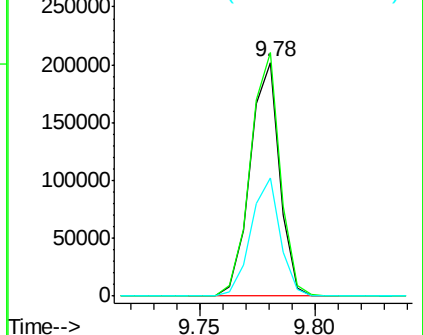


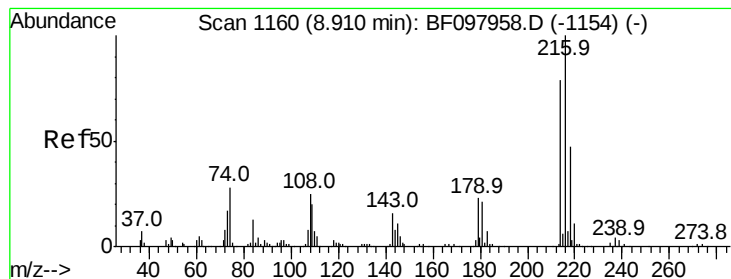
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	50.4	36.2	54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.652 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 219800

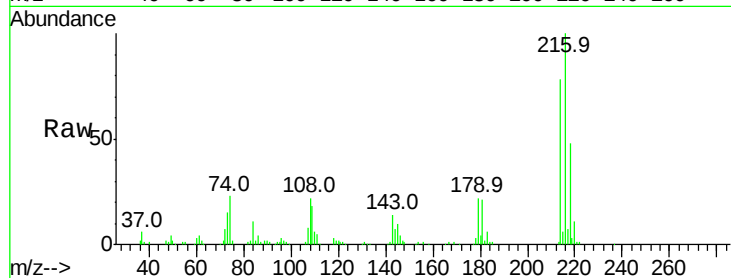
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 21.8 17.9 26.9

108 22.7 16.5 24.7

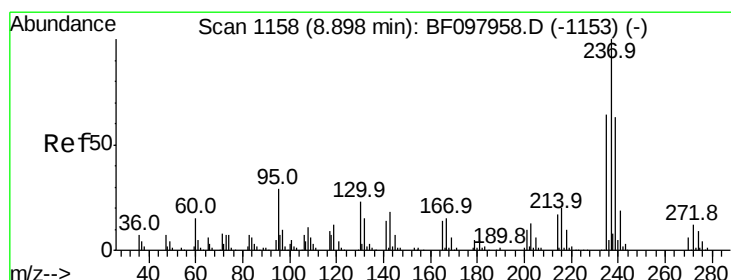
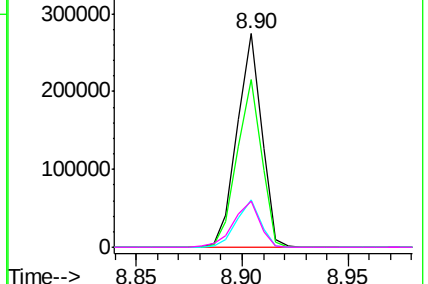
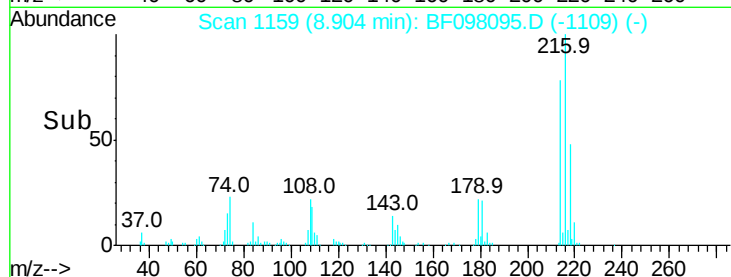


Abundance Ion 216.00 (215.70 to 216.70): E

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: 14.158 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

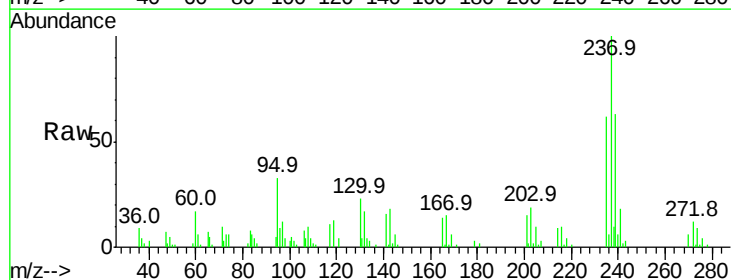
Tgt Ion:237 Resp: 37704

Ion Ratio Lower Upper

237 100

235 62.5 42.6 82.6

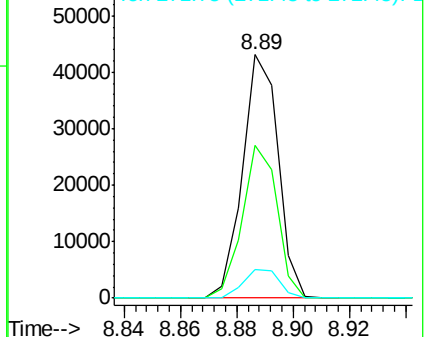
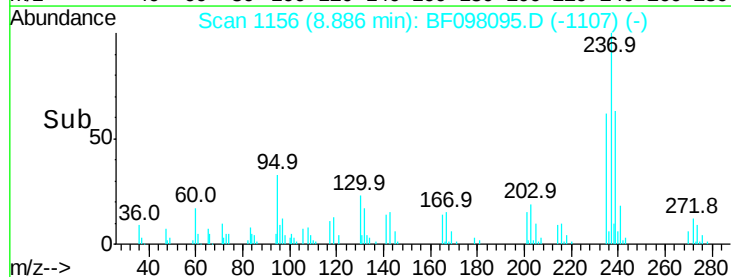
272 11.7 0.0 31.9

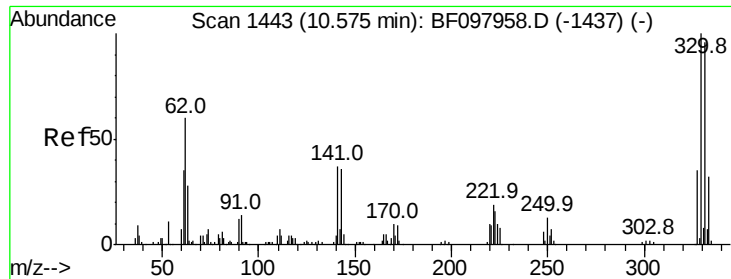


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

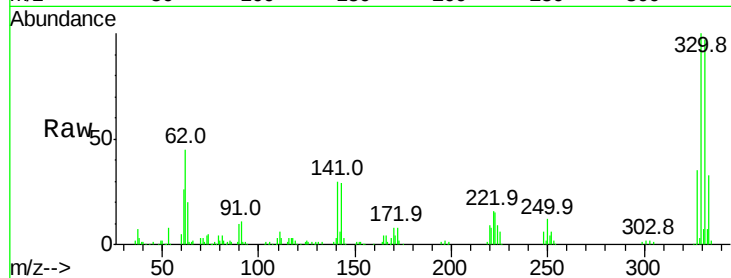




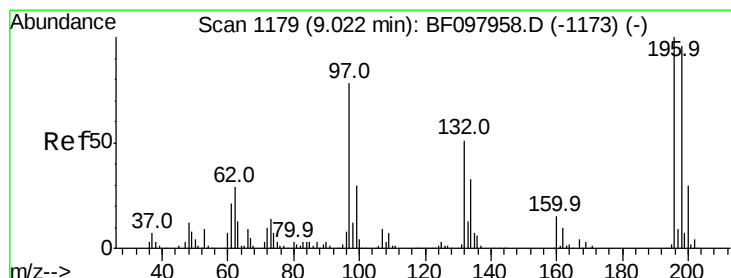
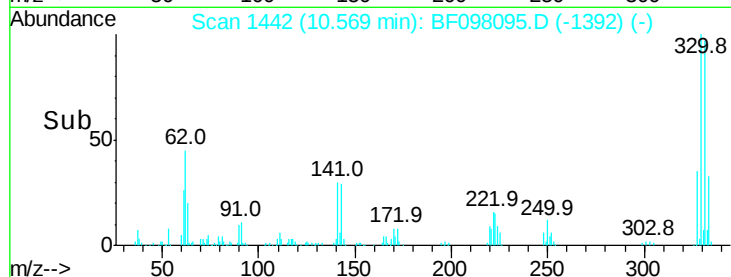
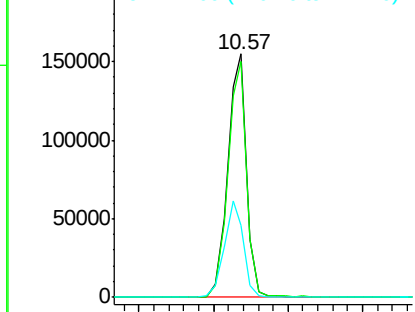
#41
 2,4,6-Tribromophenol
 Concen: 88.431 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 138587
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 40.1 31.4 47.2

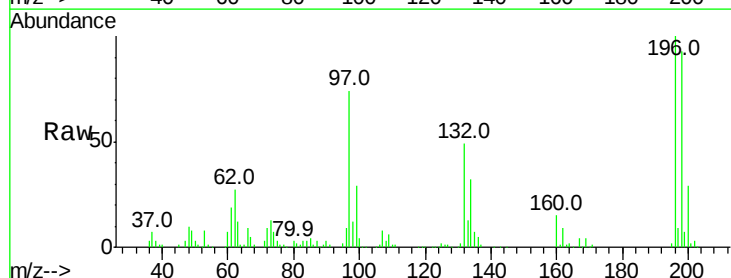


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

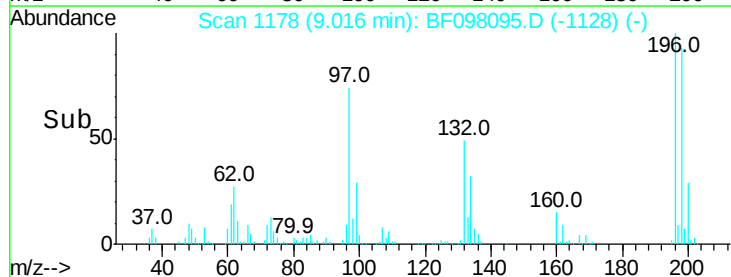
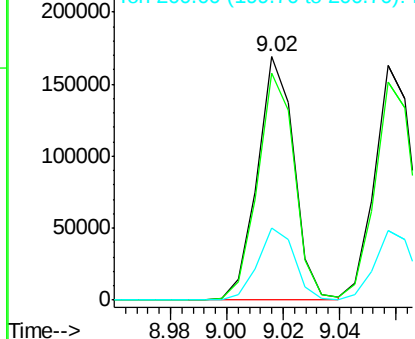


#42
 2,4,6-Trichlorophenol
 Concen: 40.954 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion:196 Resp: 152413
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.2 111.4
 200 29.4 24.0 36.0



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

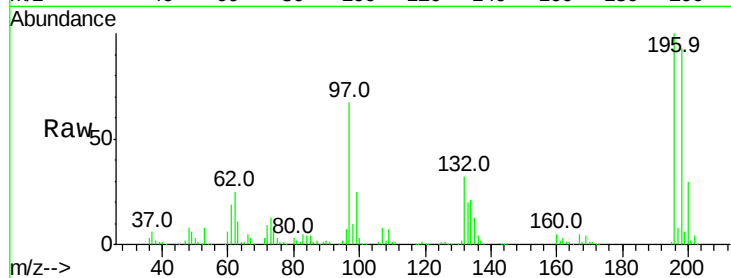




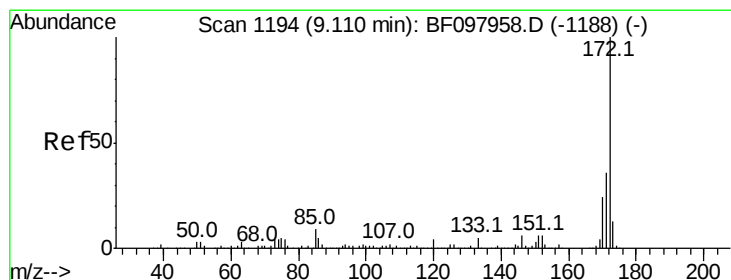
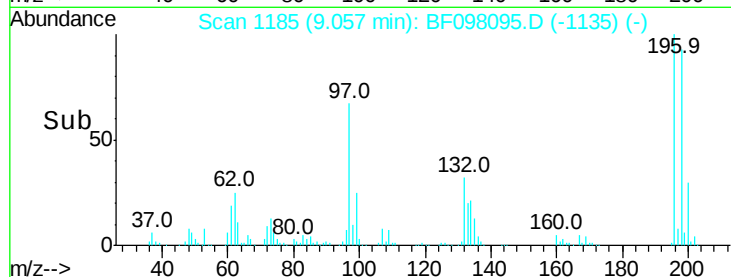
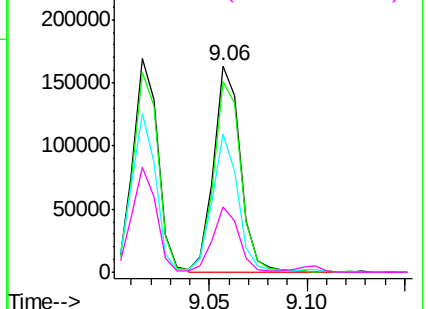
#43
 2,4,5-Trichlorophenol
 Concen: 42.296 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 156160
 Ion Ratio Lower Upper
 196 100
 198 92.6 75.7 113.5
 97 67.0 47.7 71.5
 132 31.7 28.0 42.0

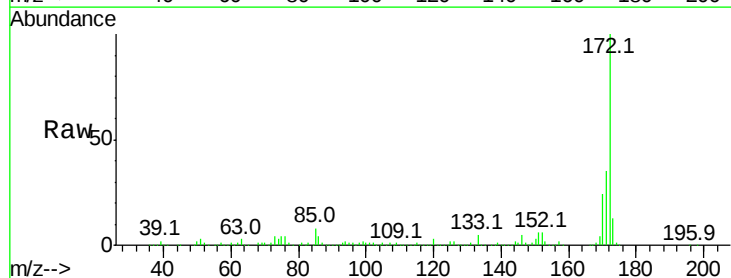


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

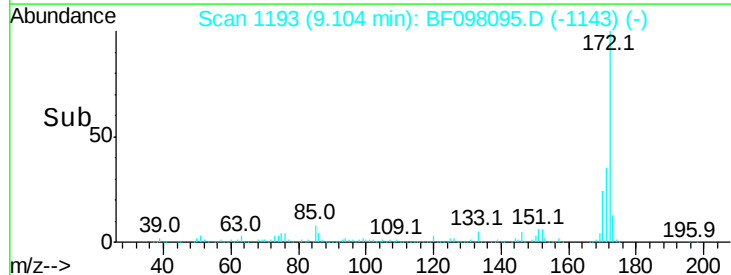
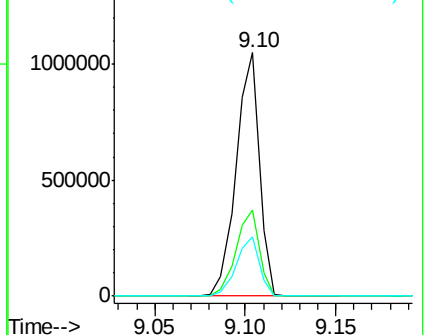


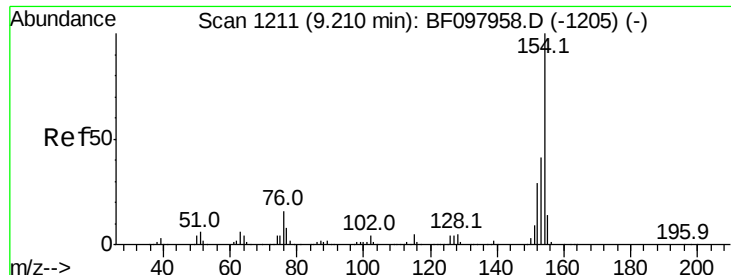
#44
 2-Fluorobiphenyl
 Concen: 76.171 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion:172 Resp: 936433
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

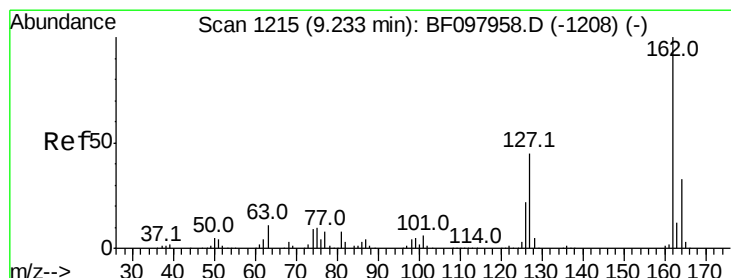
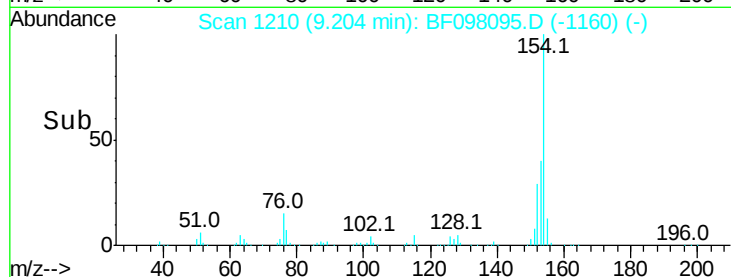
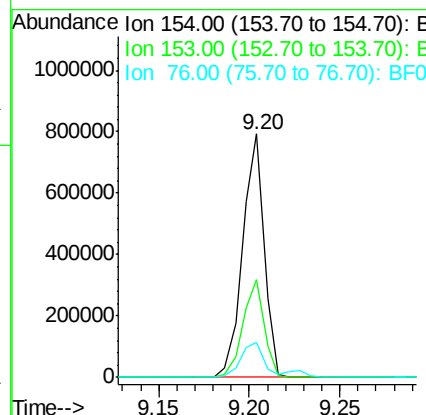
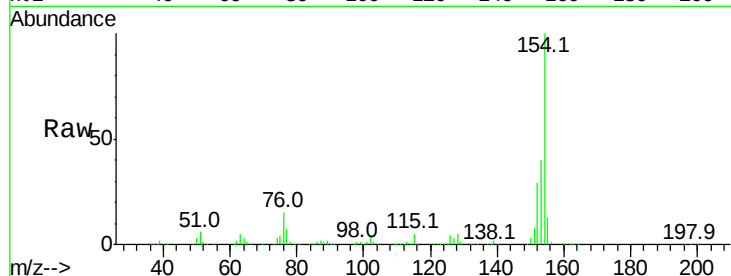




#45
 1,1'-Biphenyl
 Concen: 39.491 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

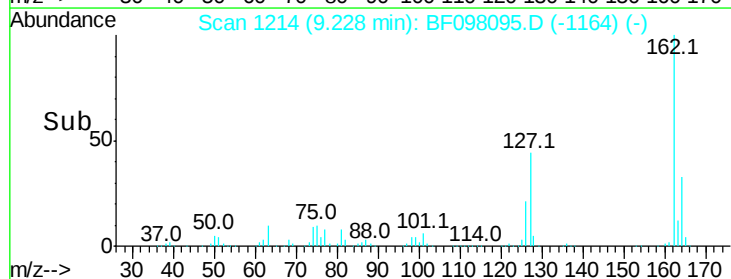
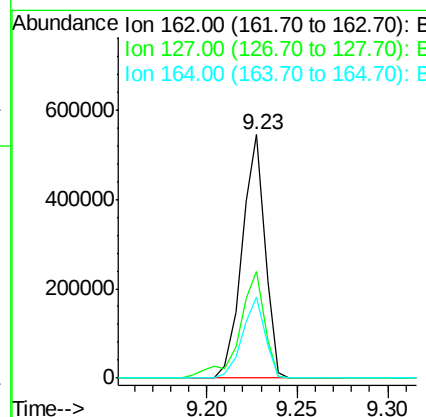
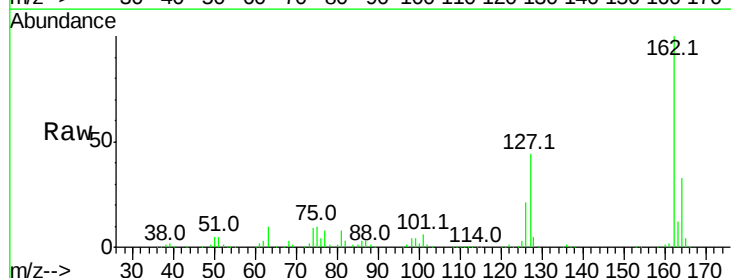
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

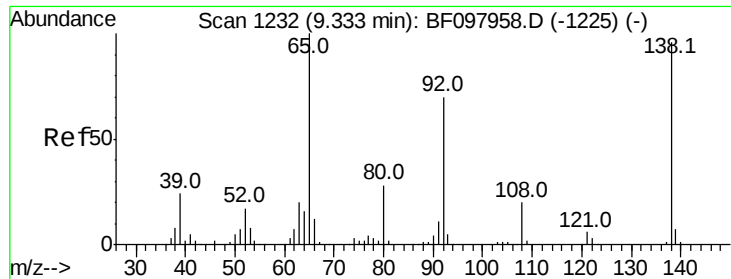
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.2	61.2
76	14.6	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 39.148 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	28.3	42.5#
164	33.5	27.0	40.4

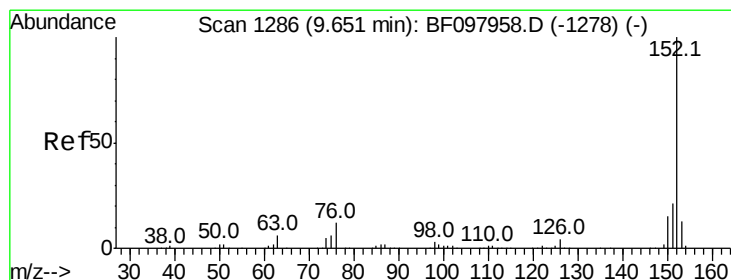
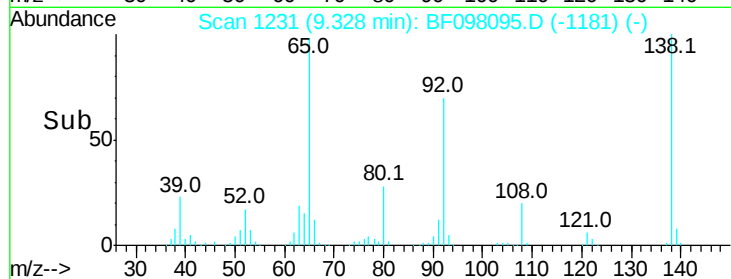
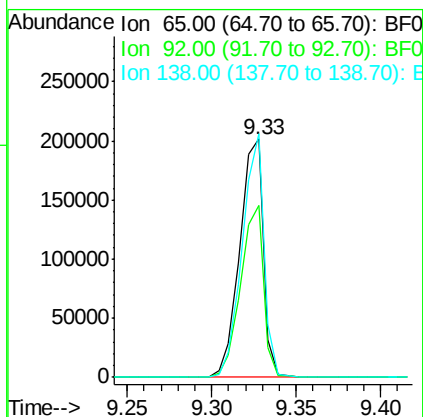
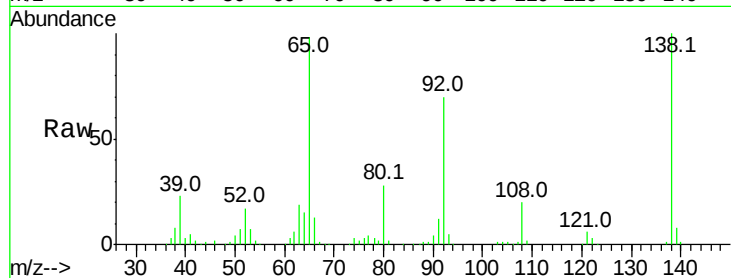




#47
2-Nitroaniline
Concen: 48.238 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

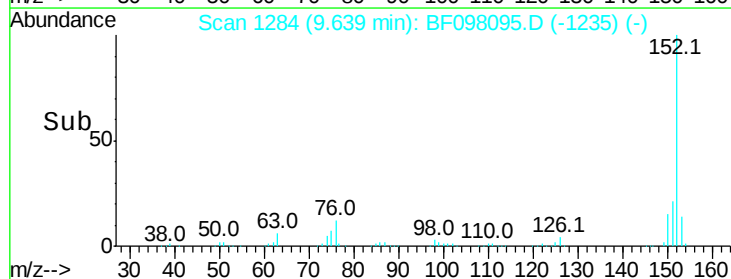
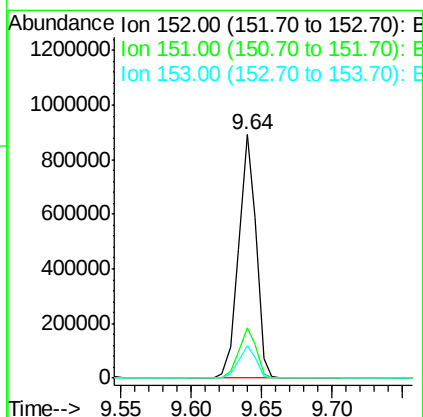
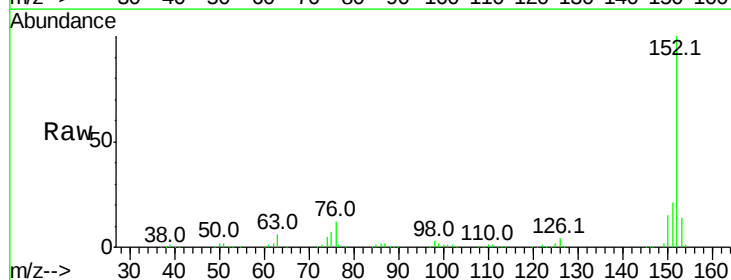
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

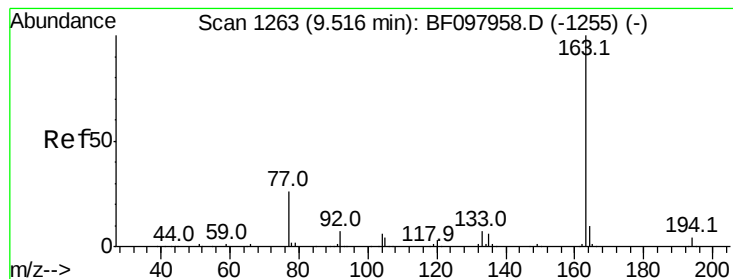
Tot Ion: 65 Resp: 196804
Ion Ratio Lower Upper
65 100
92 72.0 53.9 80.9
138 102.1 78.8 118.2



#48
Acenaphthylene
Concen: 40.037 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion: 152 Resp: 765156
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 40.544 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

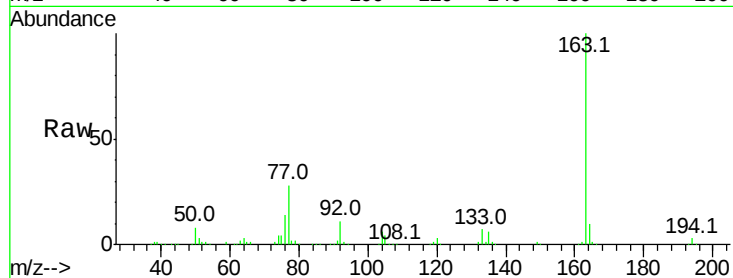
Tot Ion:163 Resp: 535299

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

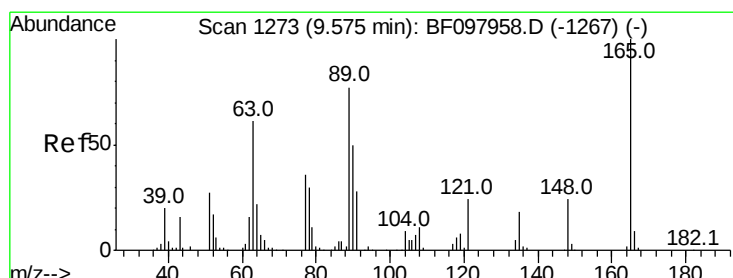
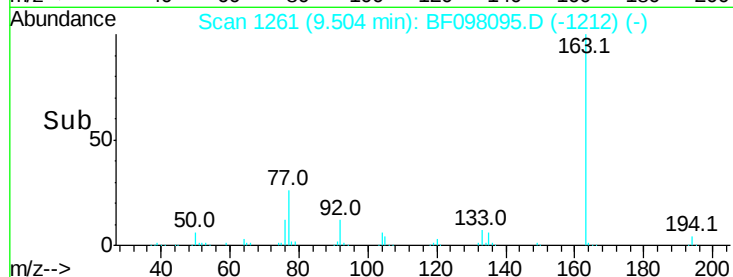
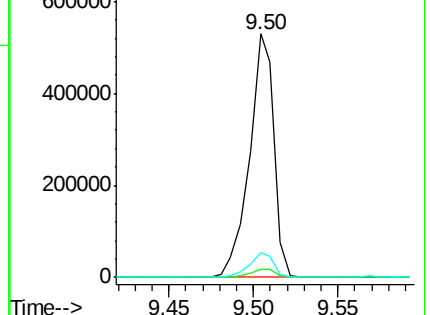
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.601 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

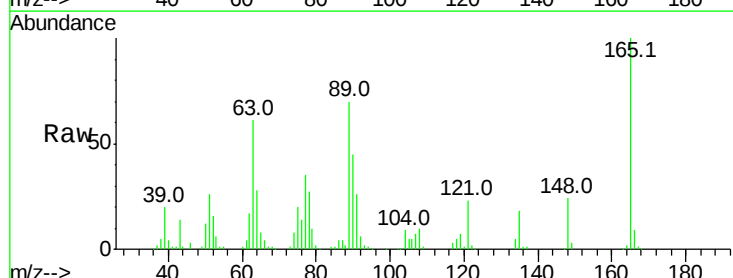
Tgt Ion:165 Resp: 117542

Ion Ratio Lower Upper

165 100

63 61.4 34.3 51.5#

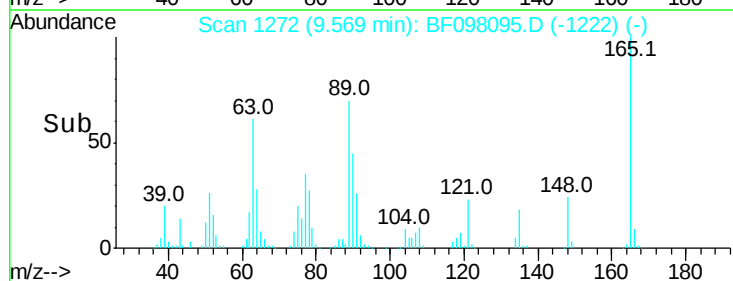
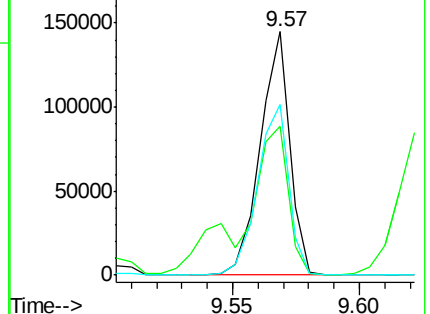
89 70.0 37.1 55.7#

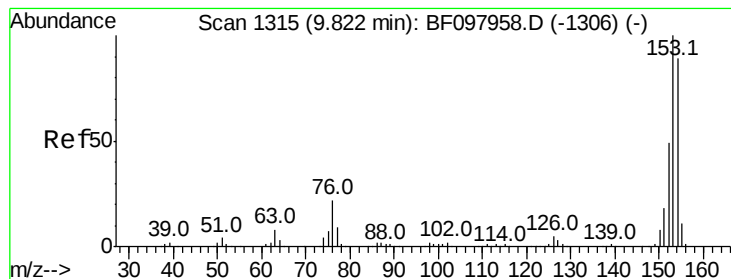


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.310 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

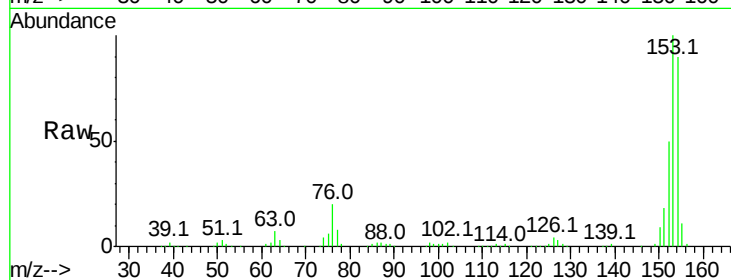
Tot Ion:154 Resp: 461755

Ion Ratio Lower Upper

154 100

153 111.1 90.5 135.7

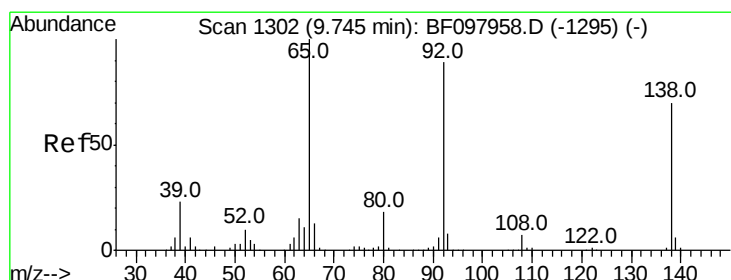
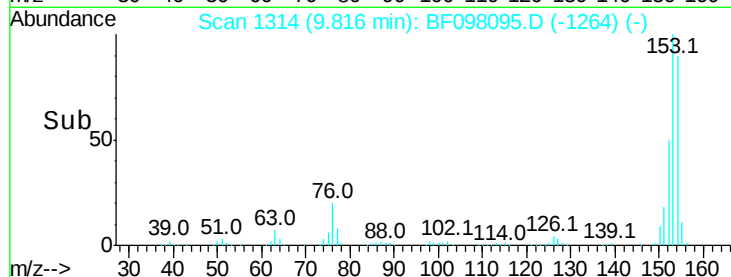
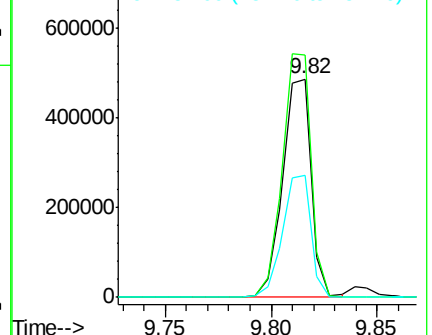
152 56.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.550 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

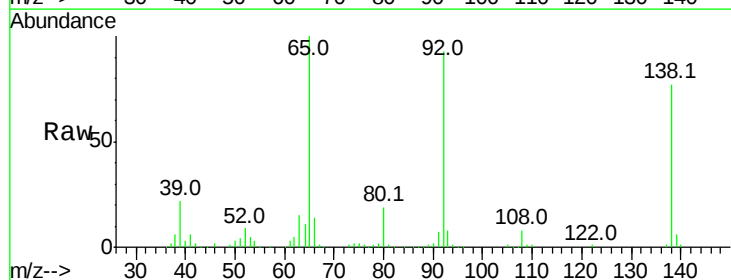
Tgt Ion:138 Resp: 161680

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

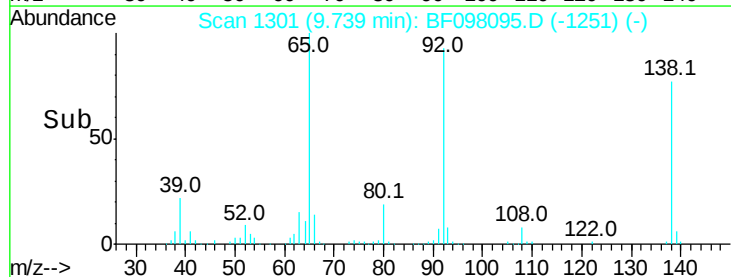
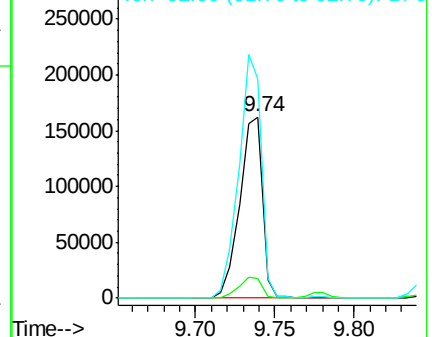
92 120.8 93.8 140.6

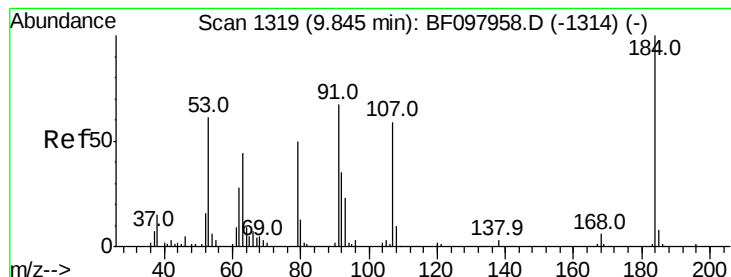


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 32.452 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

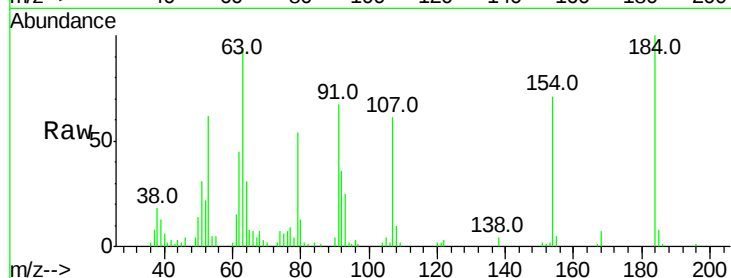
Tot Ion:184 Resp: 32029

Ion Ratio Lower Upper

184 100

63 94.5 62.7 94.1#

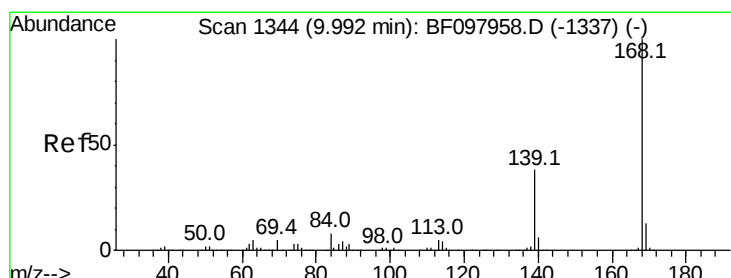
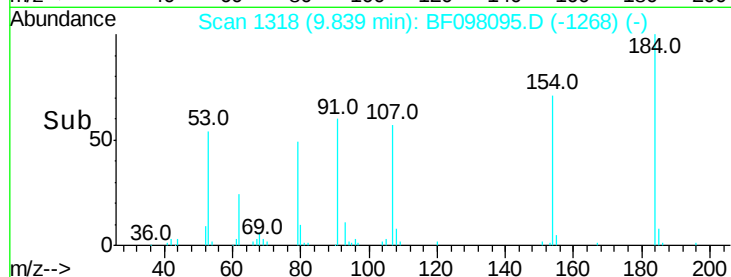
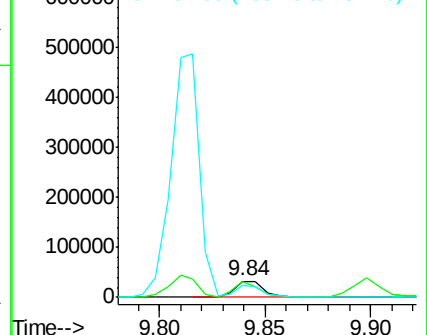
154 71.1 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.530 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

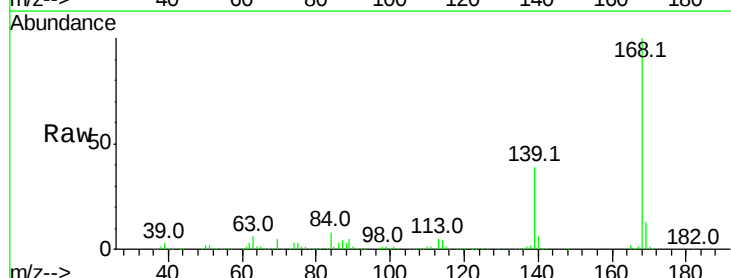
Tgt Ion:168 Resp: 638574

Ion Ratio Lower Upper

168 100

139 39.3 30.6 45.8

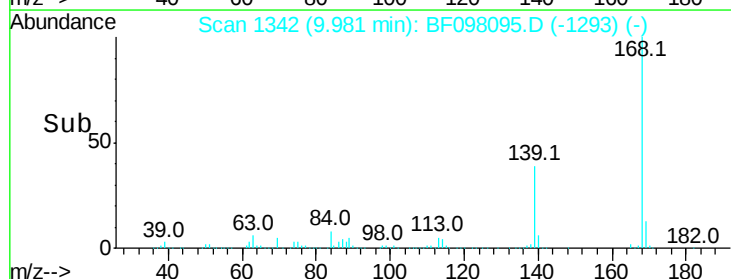
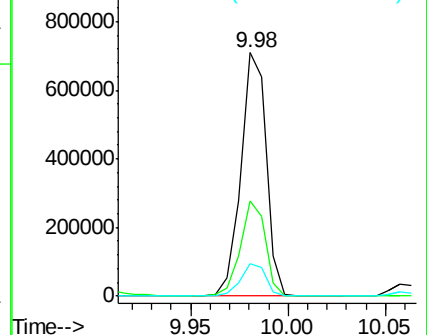
169 13.5 10.8 16.2

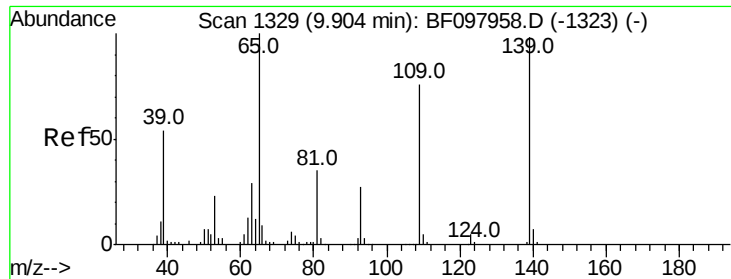


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

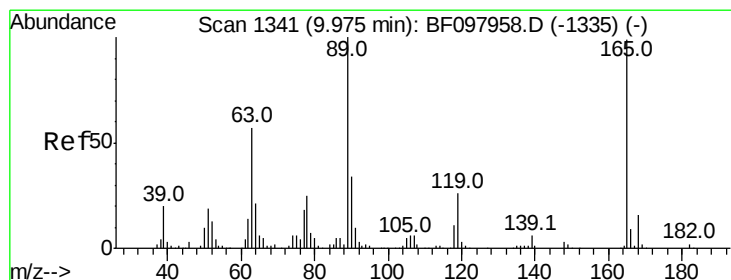
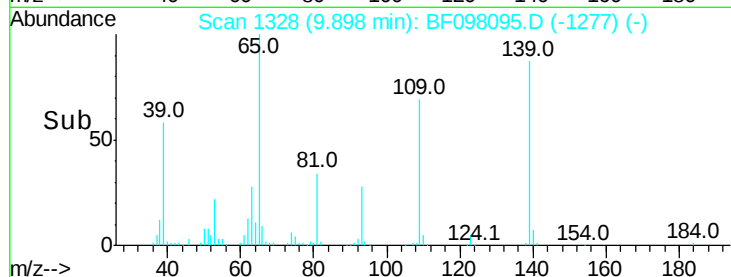
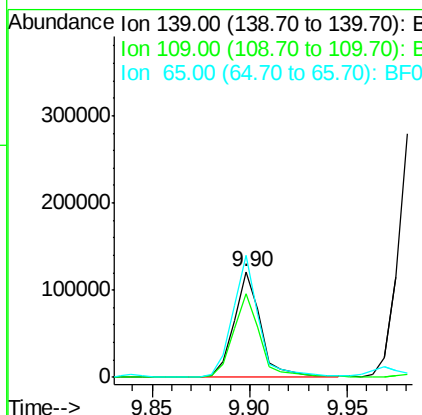
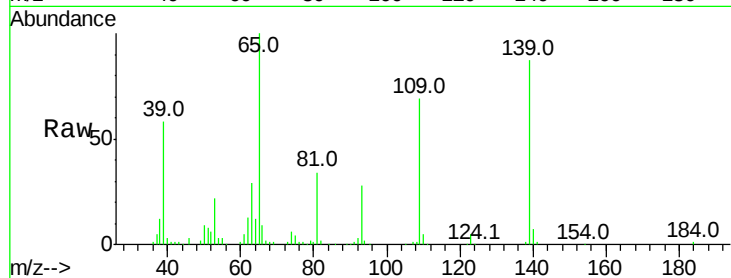




#55
4-Nitrophenol
Concen: 42.400 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

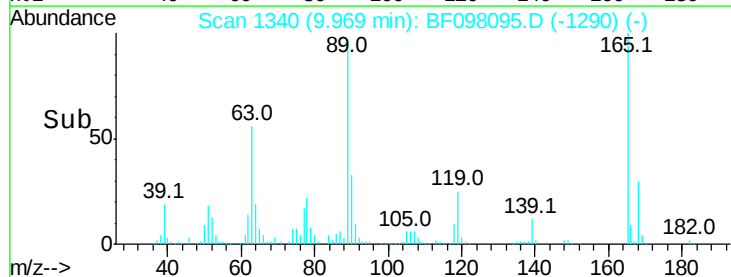
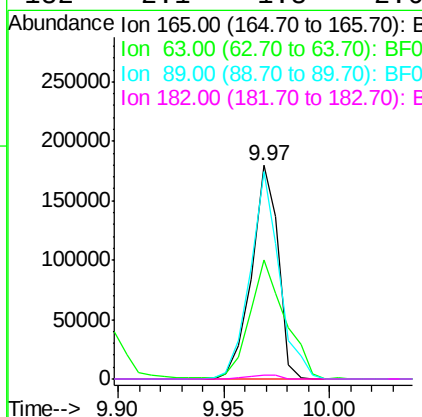
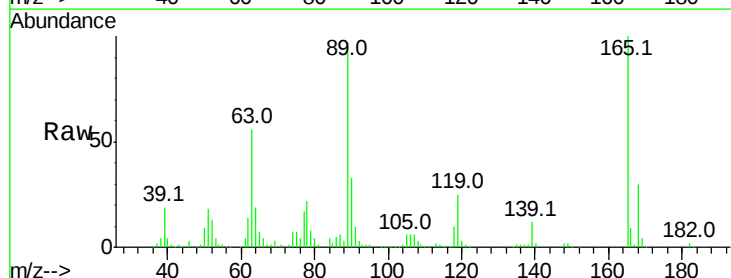
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

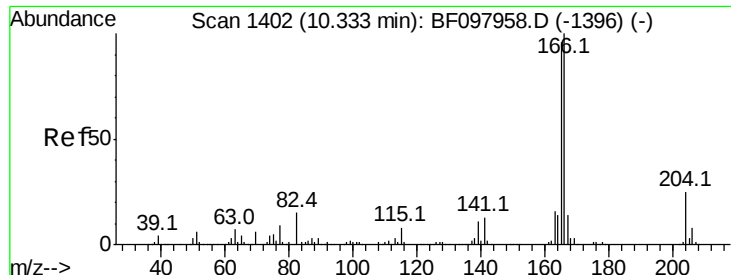
Tot Ion:139 Resp: 115005
Ion Ratio Lower Upper
139 100
109 79.6 34.1 74.1#
65 114.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 47.568 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion:165 Resp: 157325
Ion Ratio Lower Upper
165 100
63 55.8 25.4 38.0#
89 96.9 46.4 69.6#
182 2.1 1.8 2.6

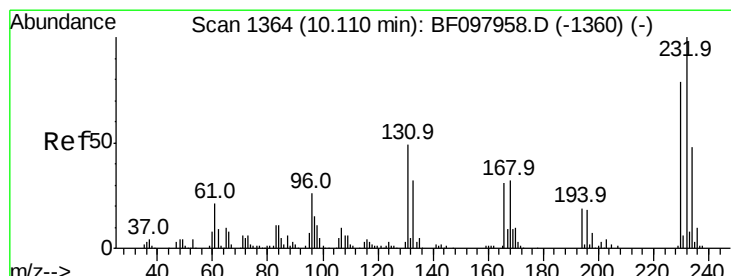
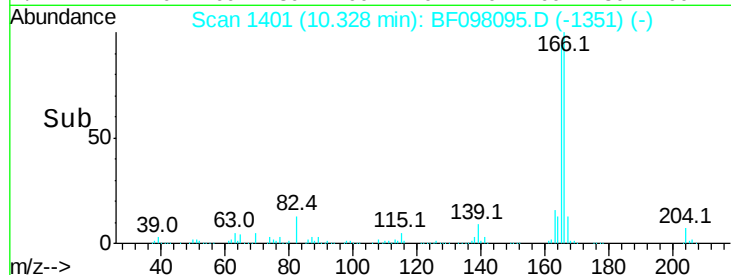
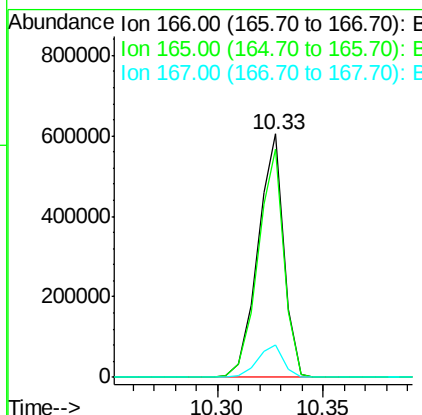
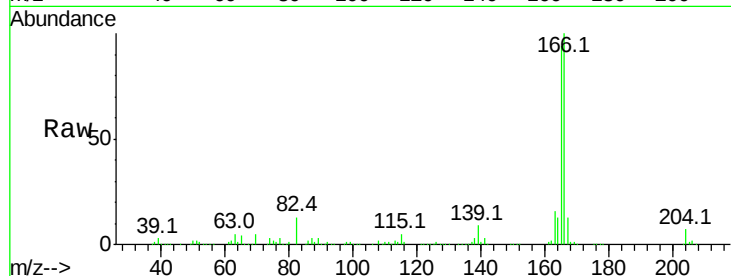




#57
 Fluorene
 Concen: 41.219 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

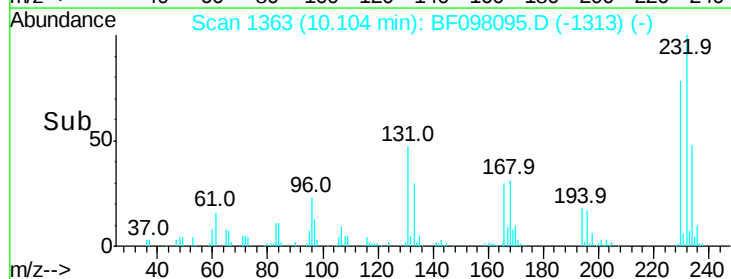
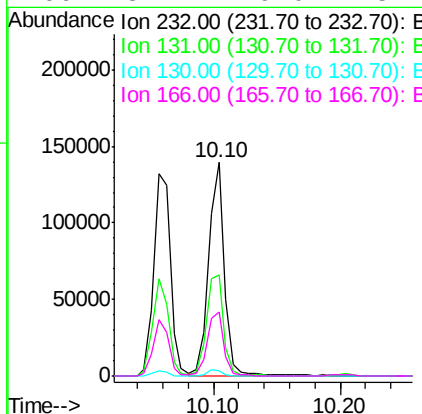
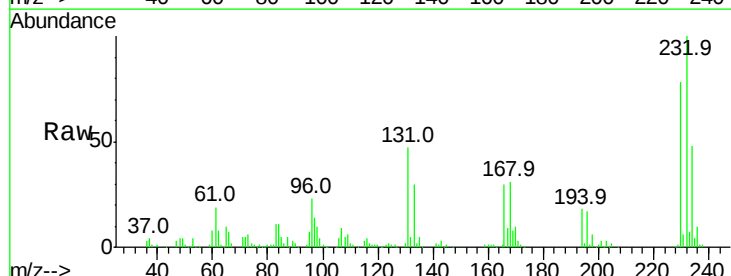
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

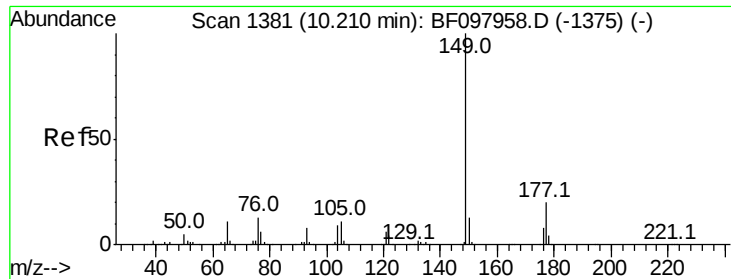
Tot Ion:166 Resp: 514794
 Ion Ratio Lower Upper
 166 100
 165 94.0 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.012 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion:232 Resp: 122951
 Ion Ratio Lower Upper
 232 100
 131 51.7 44.8 67.2
 130 2.7 2.3 3.5
 166 31.4 29.0 43.4

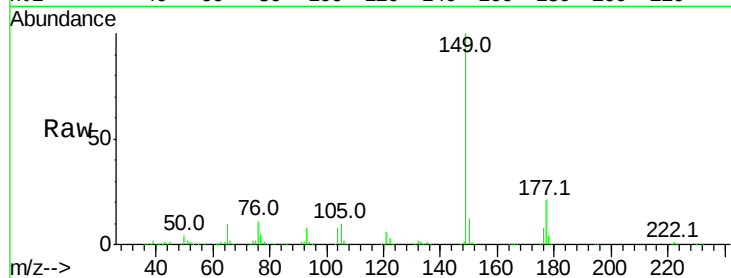




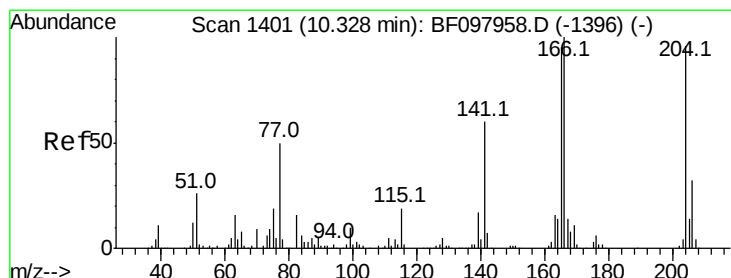
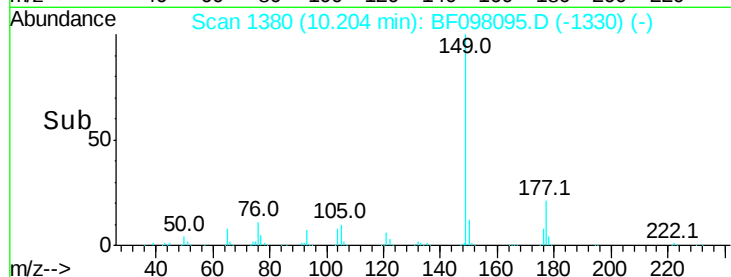
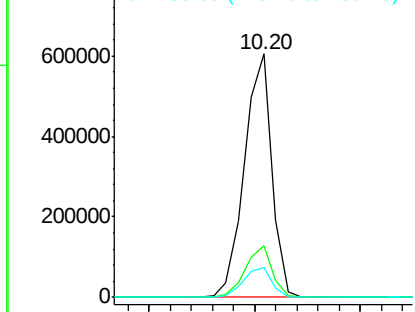
#59
Diethylphthalate
Concen: 39.362 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.4	10.2	15.2

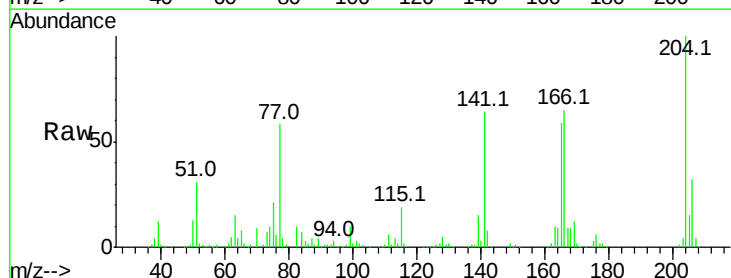


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

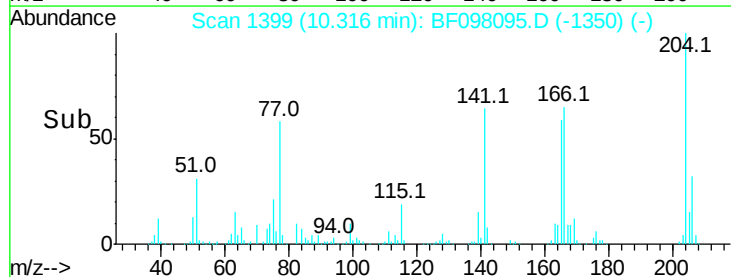
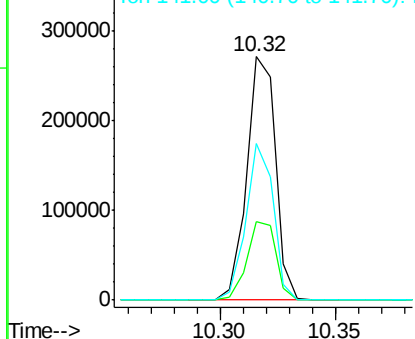


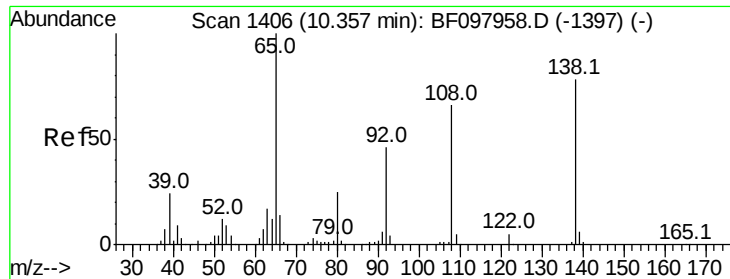
#60
4-Chlorophenyl-phenylether
Concen: 40.816 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	64.5	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

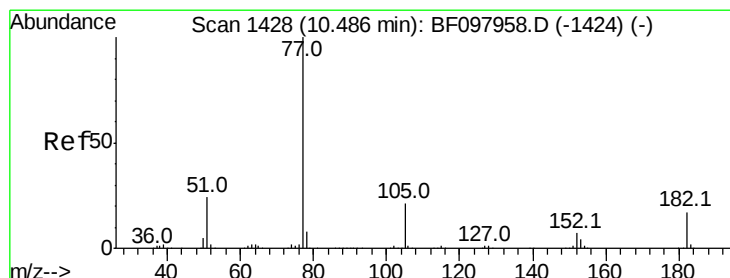
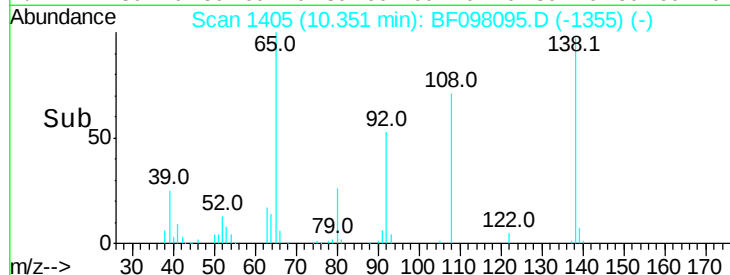
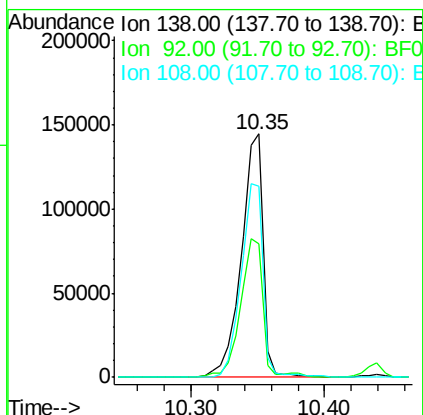
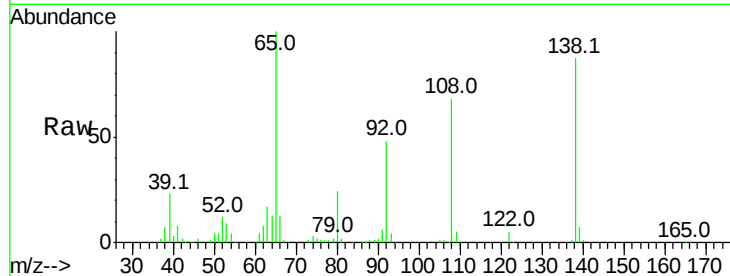




#61
4-Nitroaniline
Concen: 50.801 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

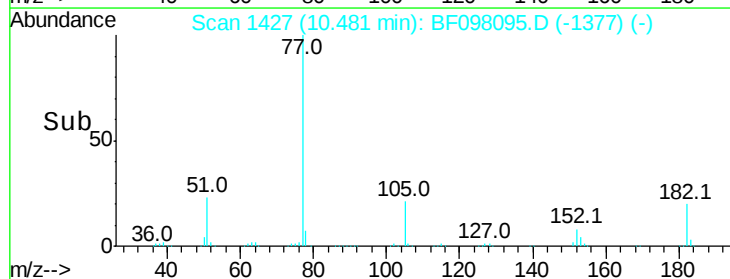
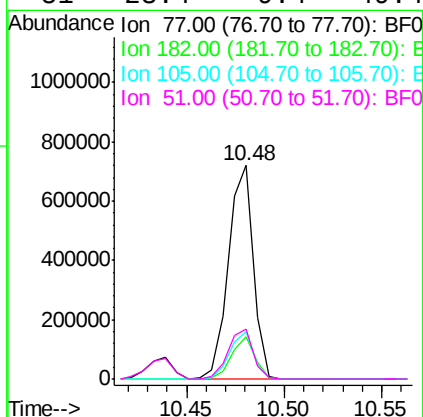
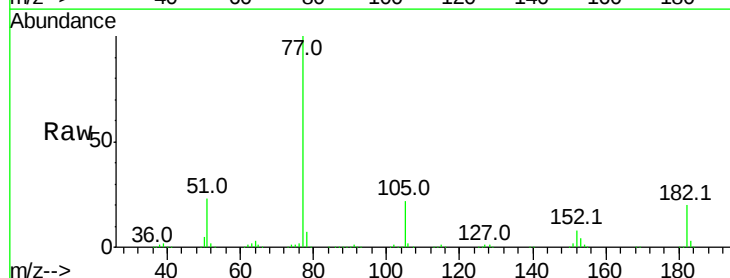
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

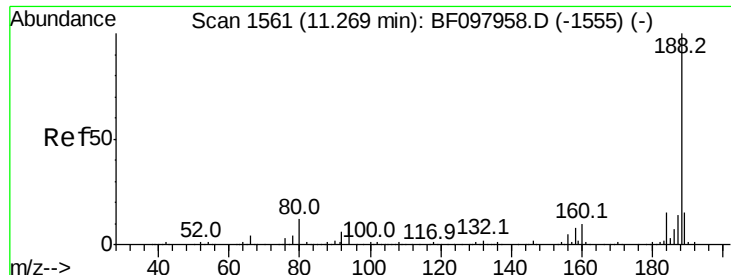
Tot Ion:138 Resp: 164170
Ion Ratio Lower Upper
138 100
92 55.0 21.8 61.8
108 78.5 42.3 82.3



#62
Azobenzene
Concen: 38.771 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion: 77 Resp: 635859
Ion Ratio Lower Upper
77 100
182 20.0 0.1 40.1
105 21.9 3.6 43.6
51 23.4 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

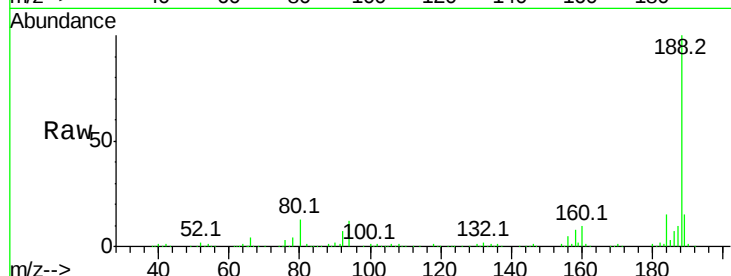
Tot Ion:188 Resp: 370962

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

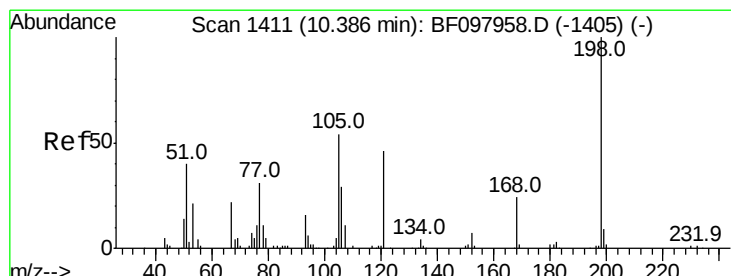
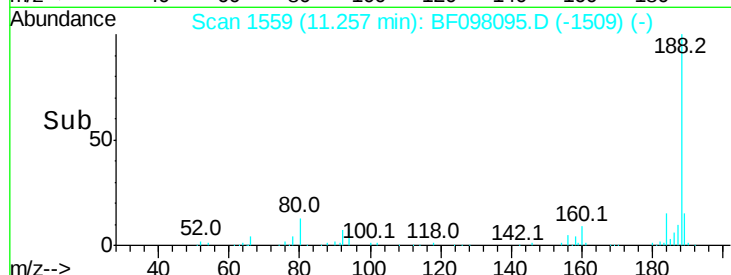
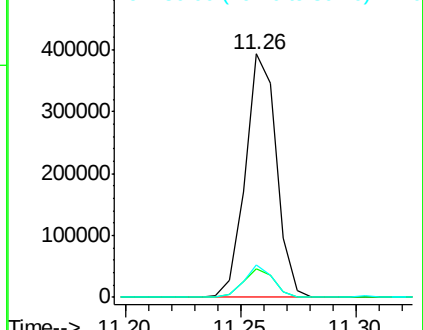
80 13.1 10.2 15.2



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: 35.407 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

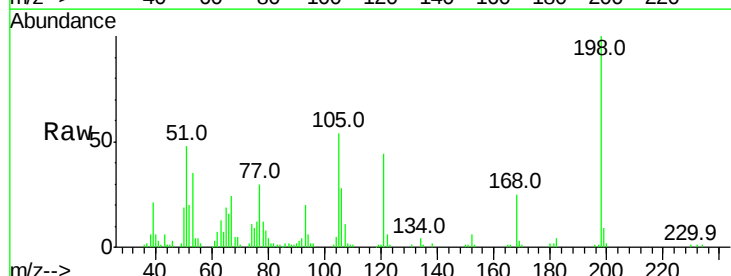
Tgt Ion:198 Resp: 57279

Ion Ratio Lower Upper

198 100

51 47.8 53.2 93.2#

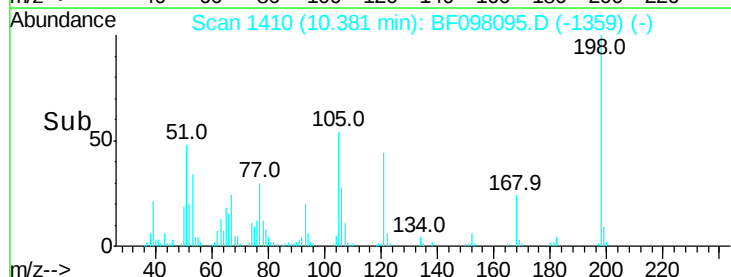
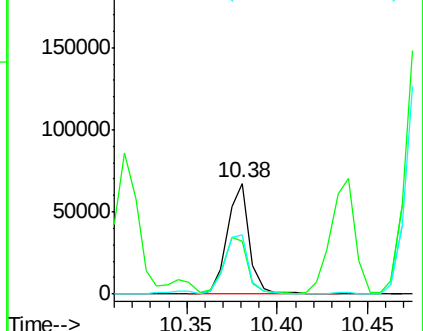
105 54.1 45.8 85.8

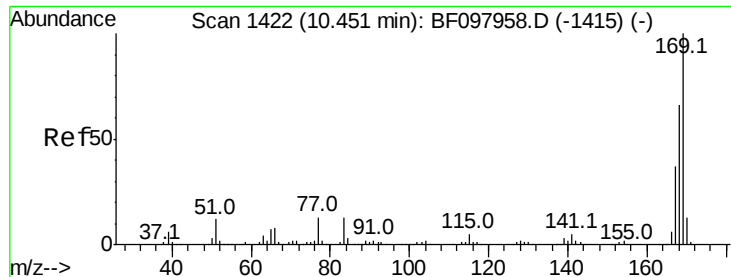


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

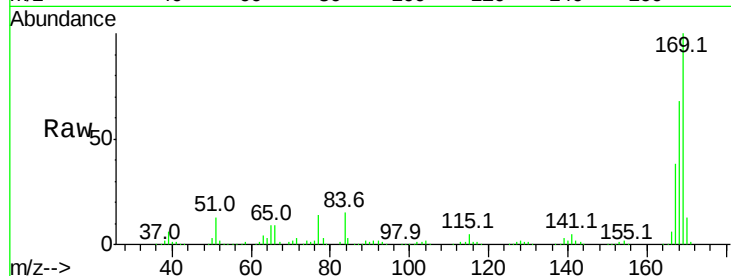




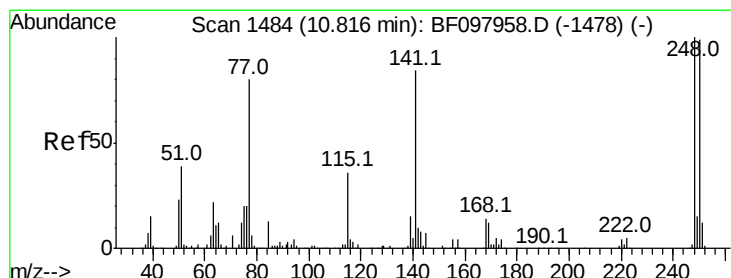
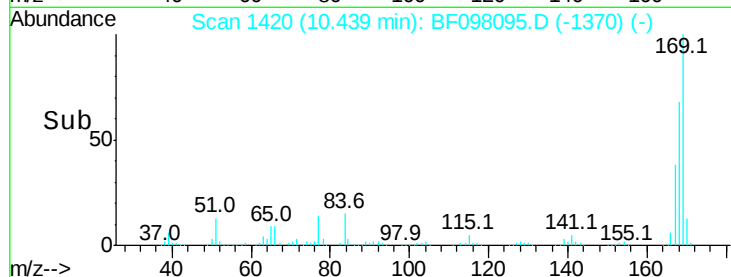
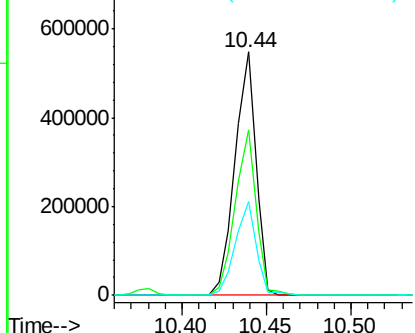
#65
 n-Nitrosodiphenylamine
 Concen: 37.678 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 475959
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.2 79.8
 167 38.3 29.5 44.3

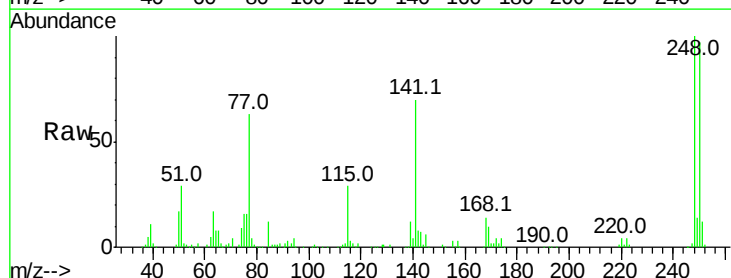


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

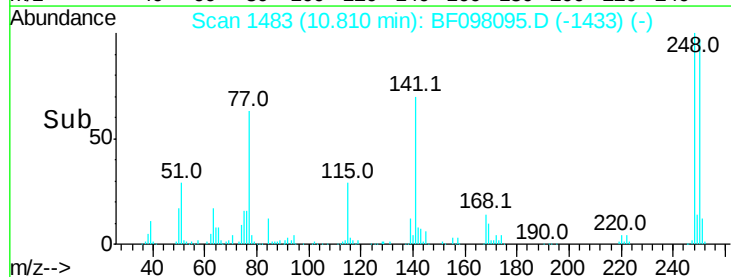
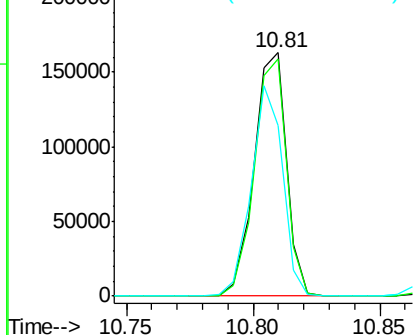


#66
 4-Bromophenyl-phenylether
 Concen: 37.834 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion:248 Resp: 145746
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.8 115.2
 141 70.3 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 38.573 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

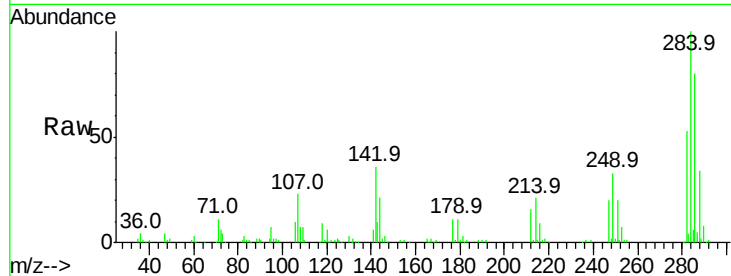
Tot Ion:284 Resp: 151455

Ion Ratio Lower Upper

284 100

142 35.6 22.8 34.2#

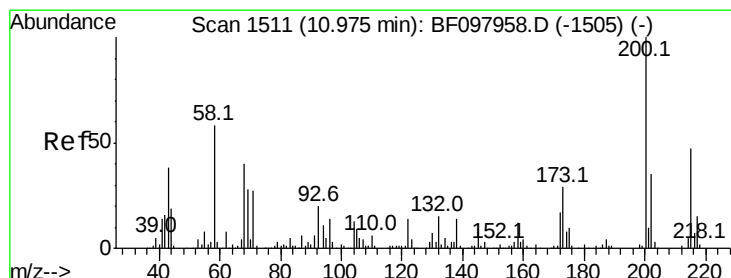
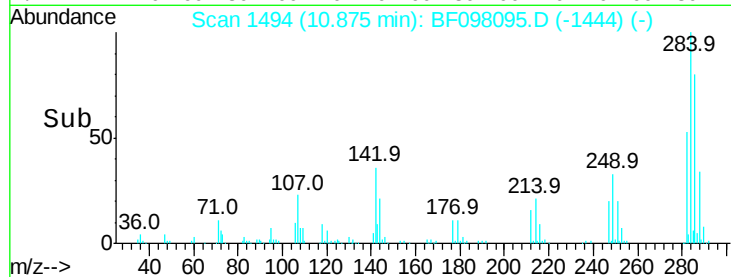
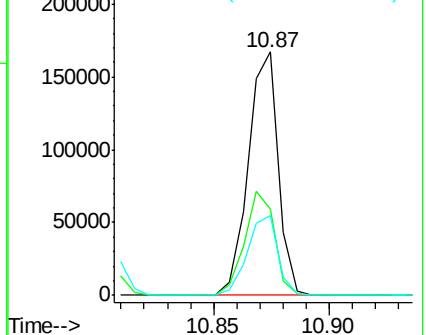
249 32.9 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.013 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

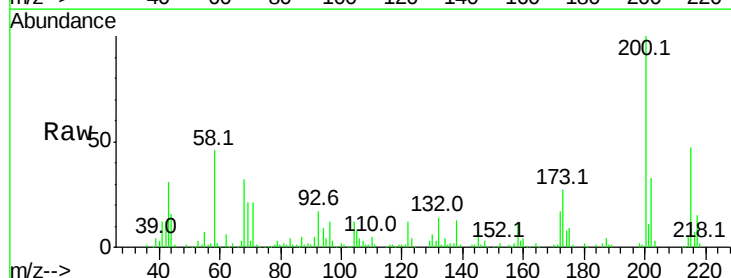
Tgt Ion:200 Resp: 120647

Ion Ratio Lower Upper

200 100

173 27.3 6.3 46.3

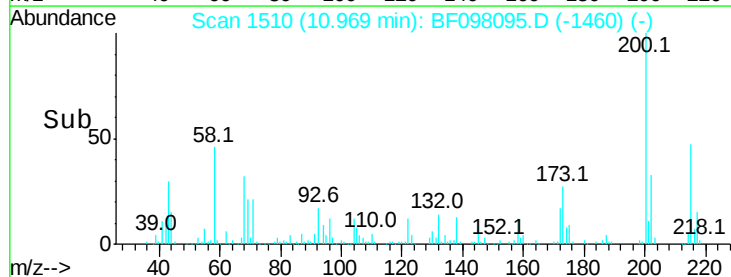
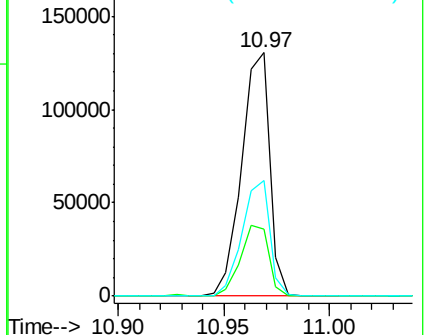
215 47.5 27.2 67.2

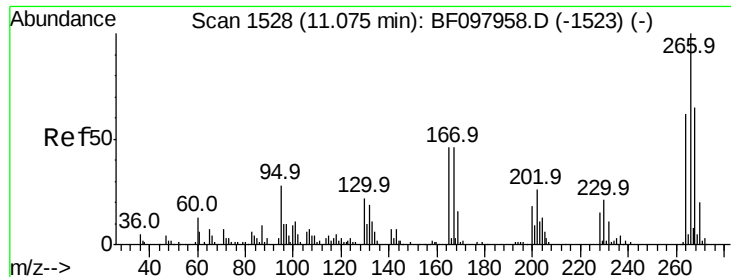


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

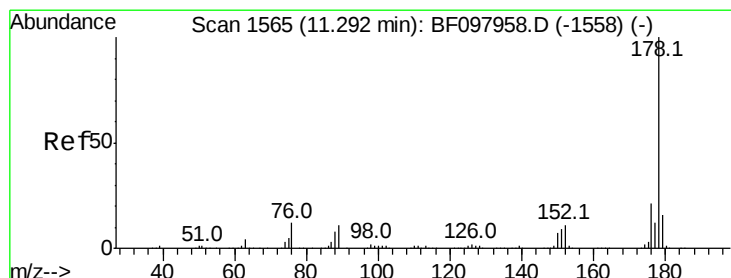
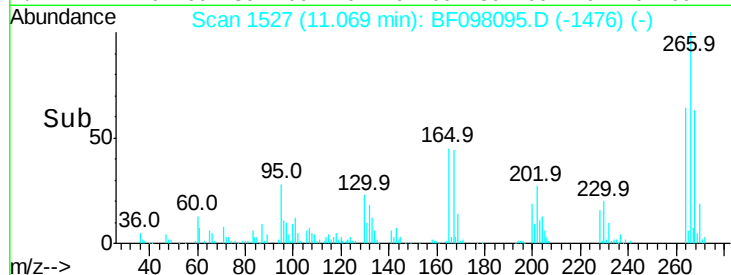
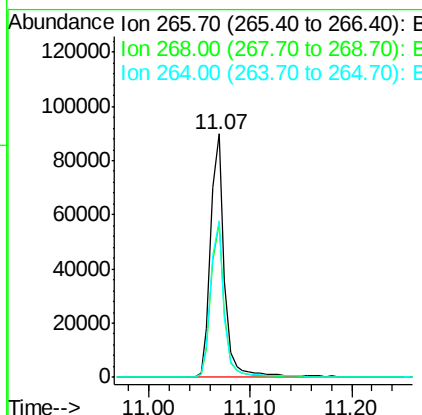
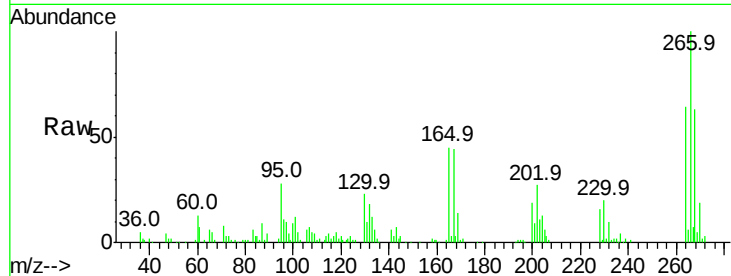




#69
 Pentachlorophenol
 Concen: 37.566 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

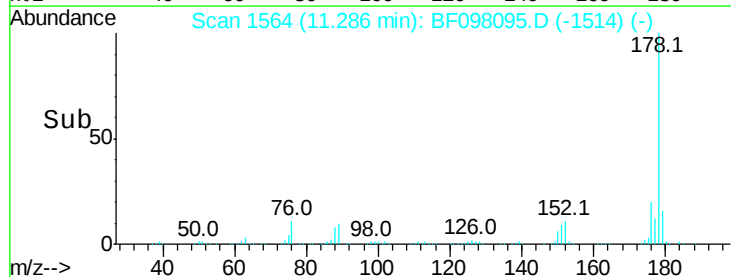
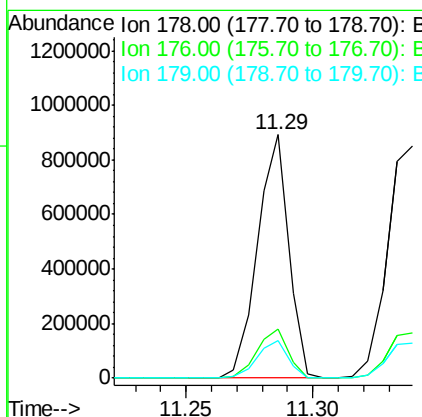
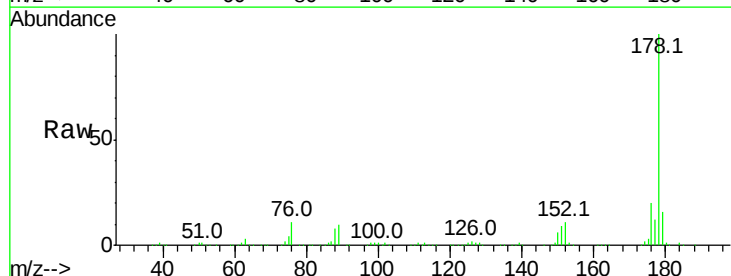
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

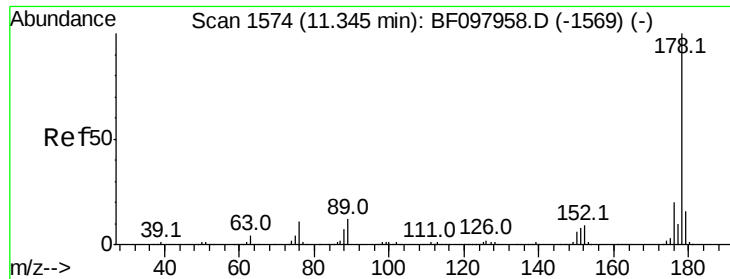
Tot Ion:266 Resp: 86001
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 64.4 51.7 77.5



#70
 Phenanthrene
 Concen: 38.783 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion:178 Resp: 766652
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.5 12.6 19.0





#71

Anthracene

Concen: 39.475 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

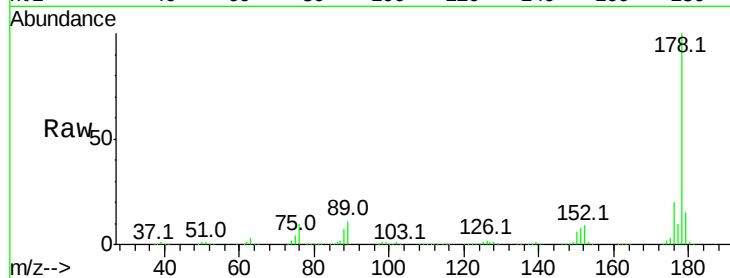
Tot Ion:178 Resp: 791455

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

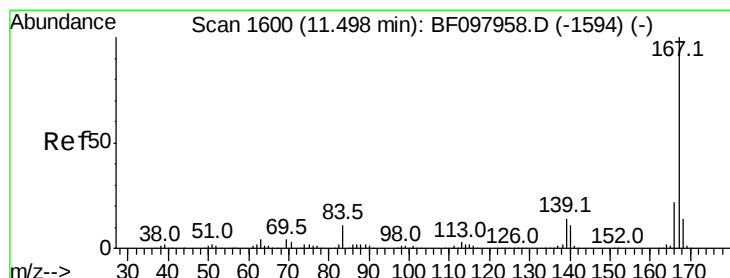
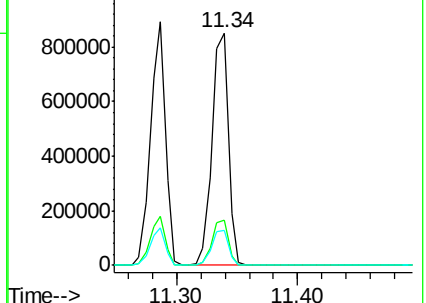
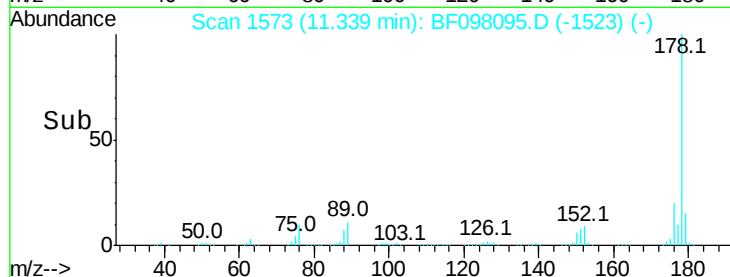
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.449 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

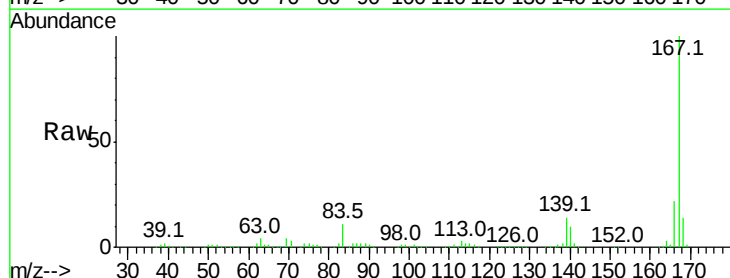
Tgt Ion:167 Resp: 769804

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

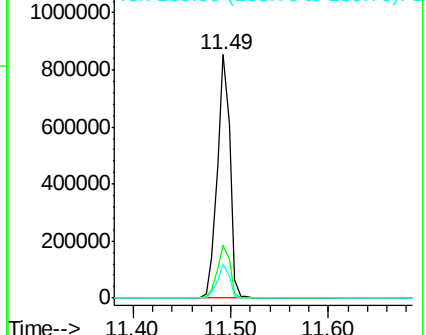
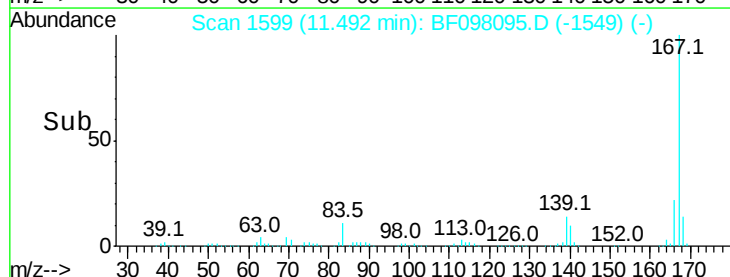
139 13.8 11.7 17.5

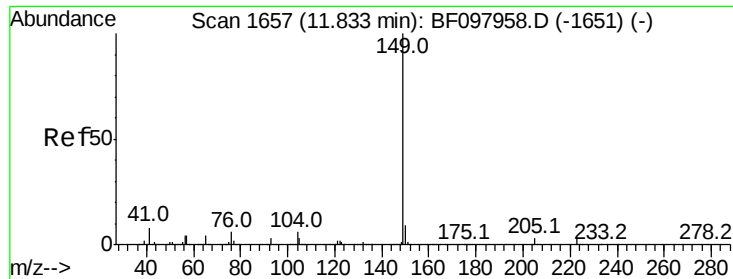


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.939 ng

RT: 11.83 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

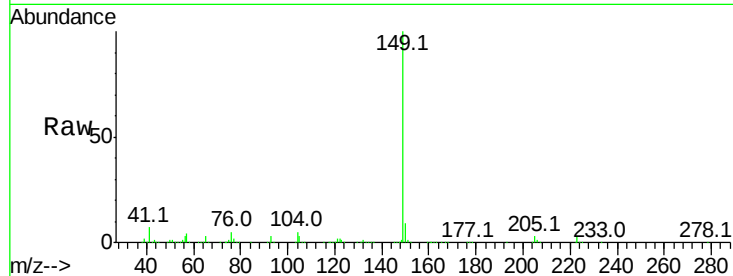
Tot Ion:149 Resp: 897441

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

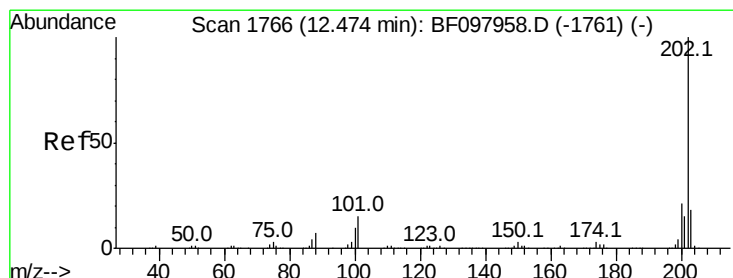
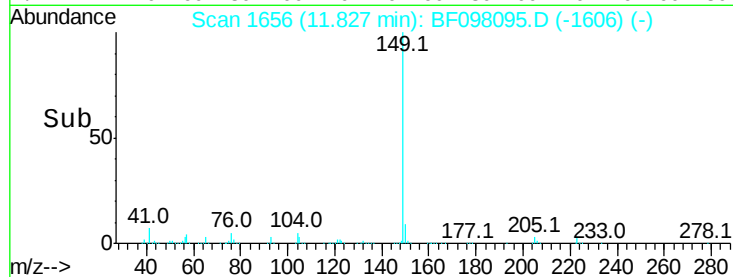
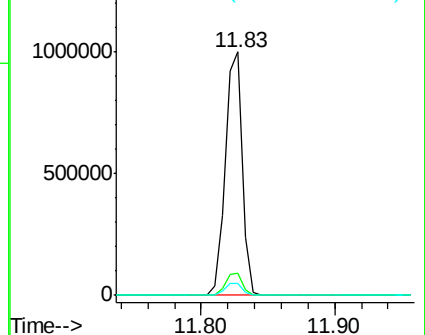
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.035 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

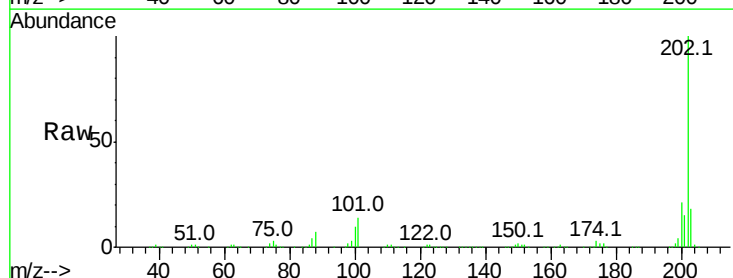
Tgt Ion:202 Resp: 846661

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

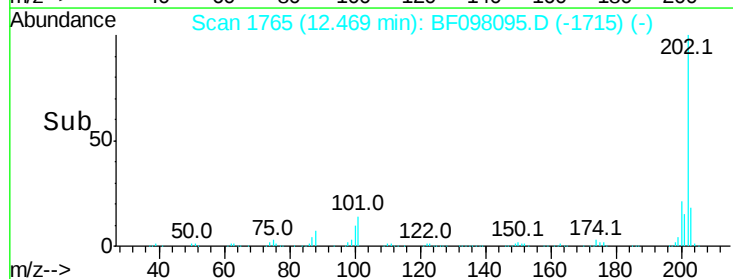
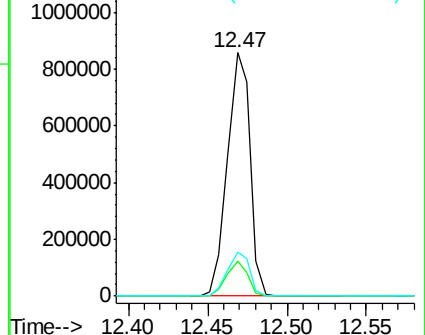
203 17.9 0.0 38.1

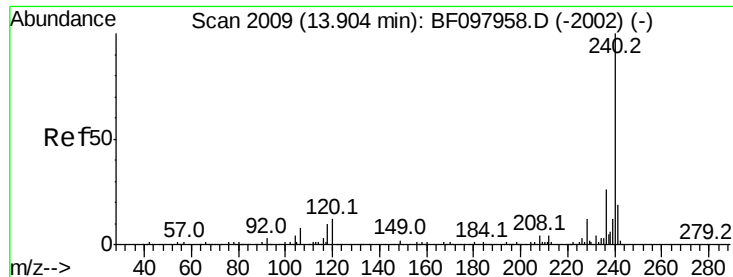


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

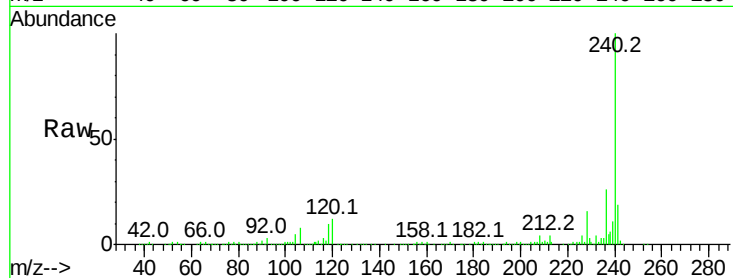
Tot Ion:240 Resp: 312700

Ion Ratio Lower Upper

240 100

120 11.6 5.8 8.8#

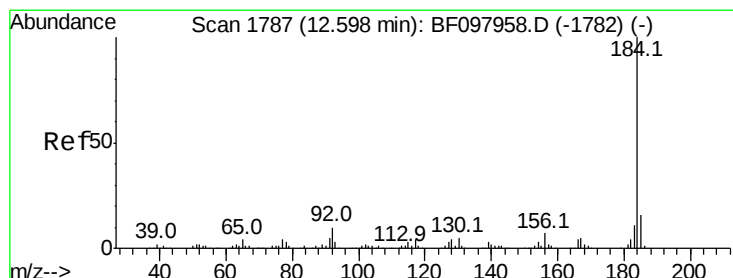
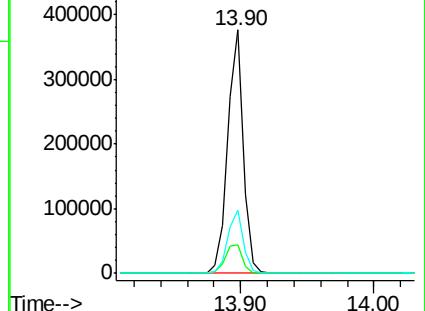
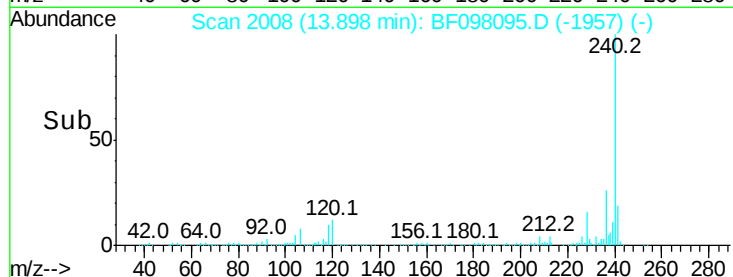
236 26.2 20.5 30.7



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: 39.056 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

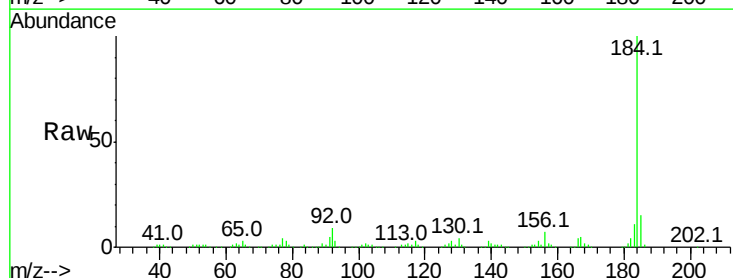
Tgt Ion:184 Resp: 400434

Ion Ratio Lower Upper

184 100

185 15.0 15.5 23.3#

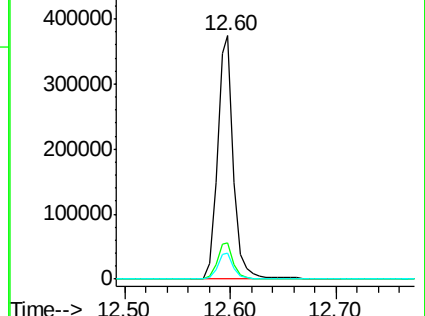
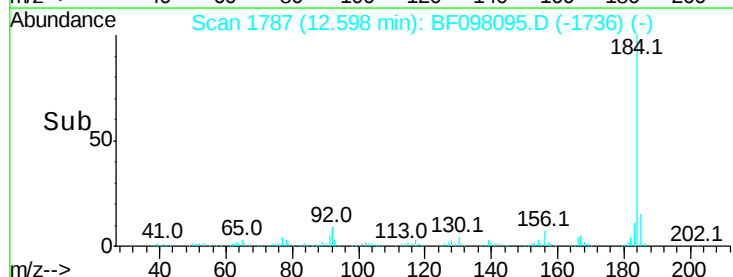
183 10.9 9.8 14.6

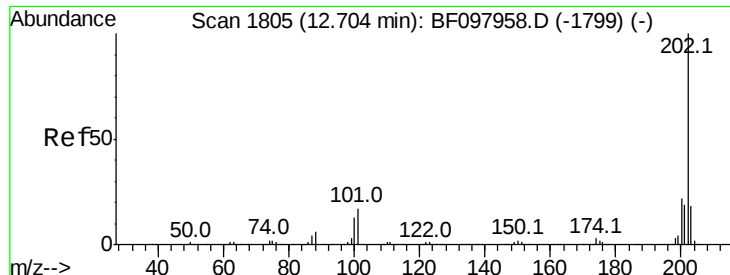


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.034 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

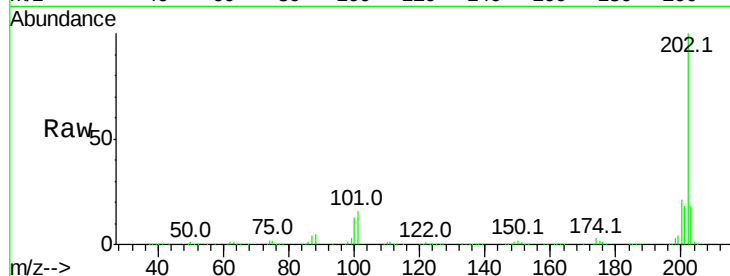
Tot Ion:202 Resp: 870434

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

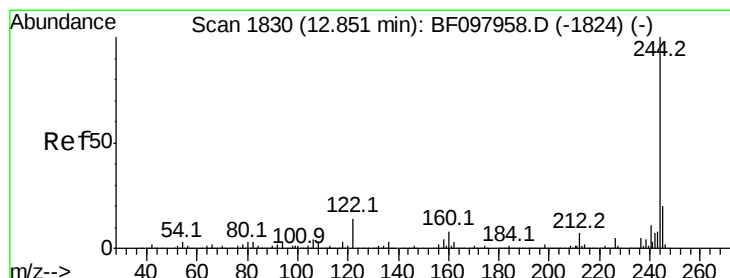
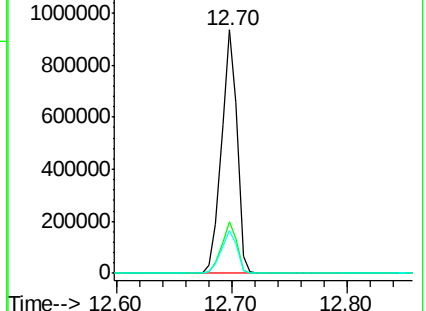
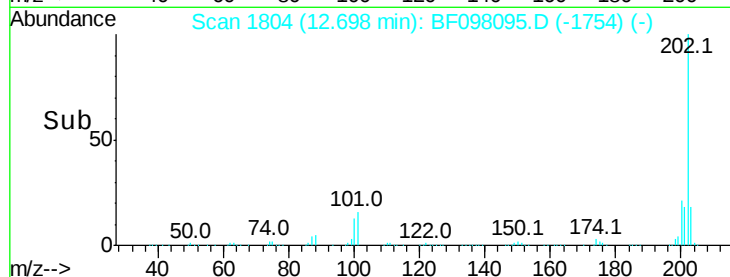
203 17.7 14.4 21.6



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: 67.572 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

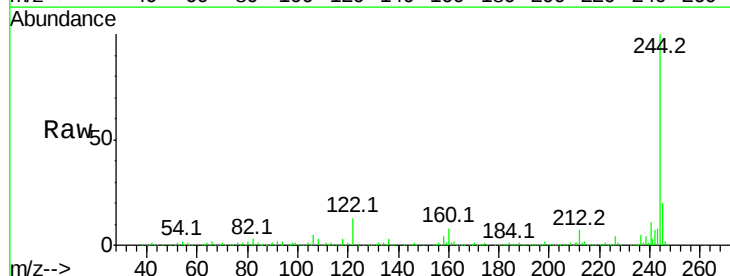
Tgt Ion:244 Resp: 1013260

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

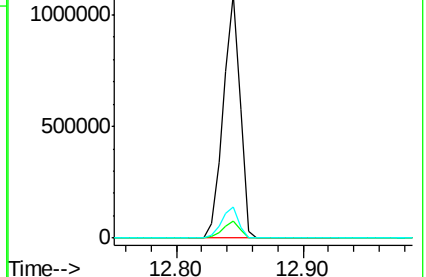
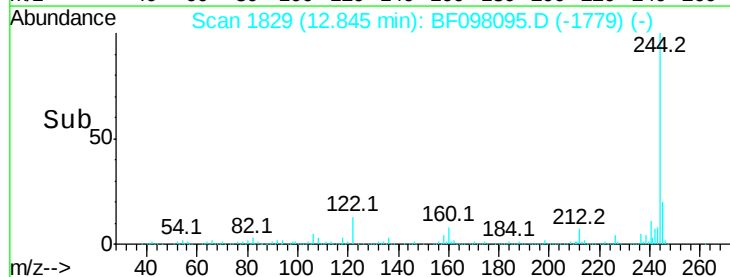
122 12.8 10.3 15.5

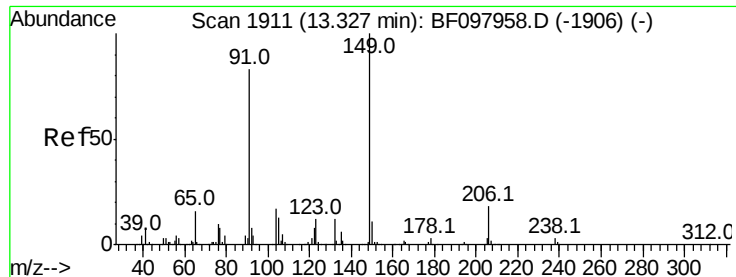


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

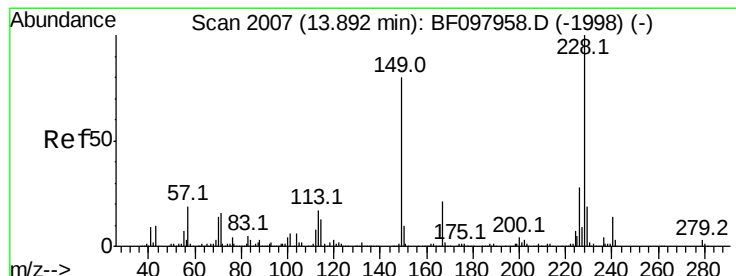
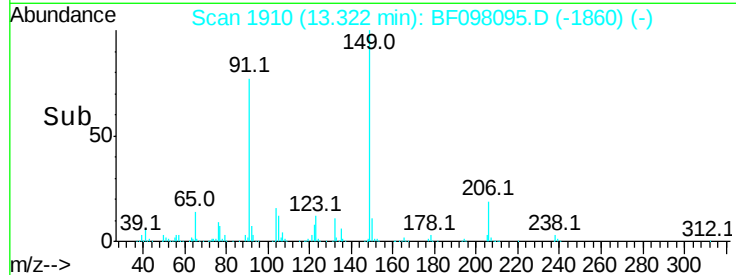
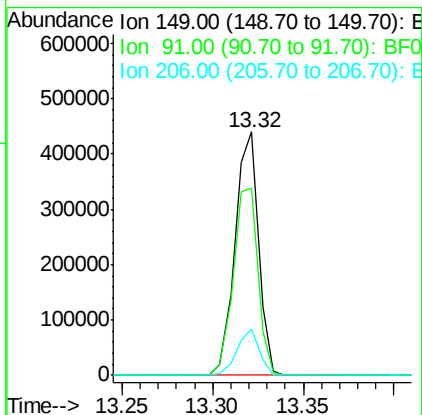
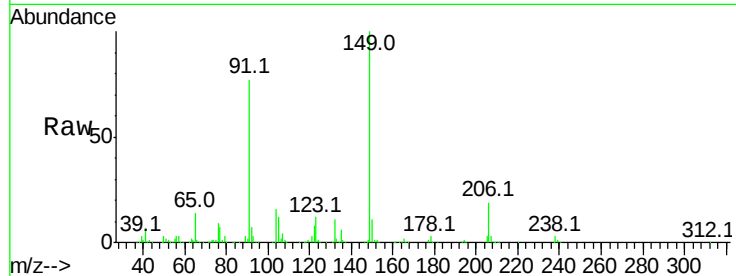




#79
Butylbenzylphthalate
Concen: 40.357 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

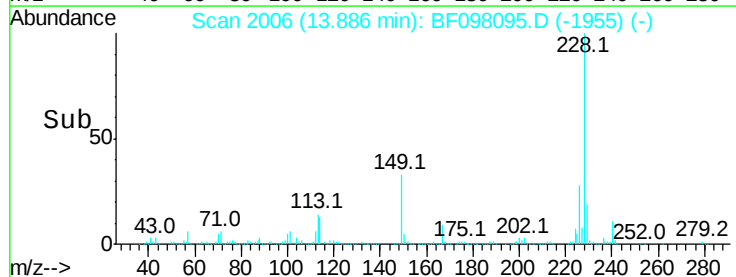
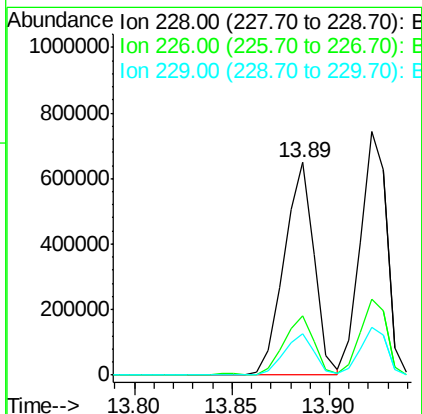
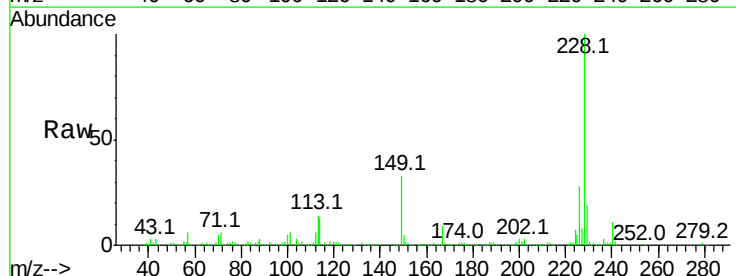
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

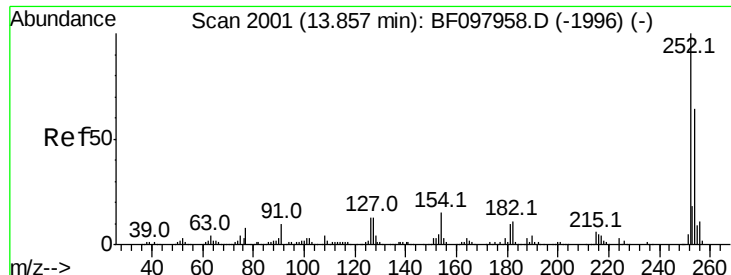
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.1	45.0	67.4#
206	19.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 36.793 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.3	16.3	24.5

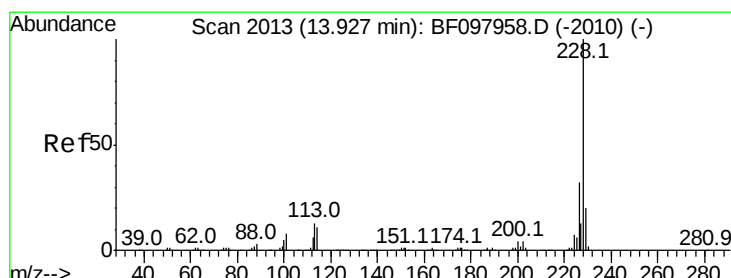
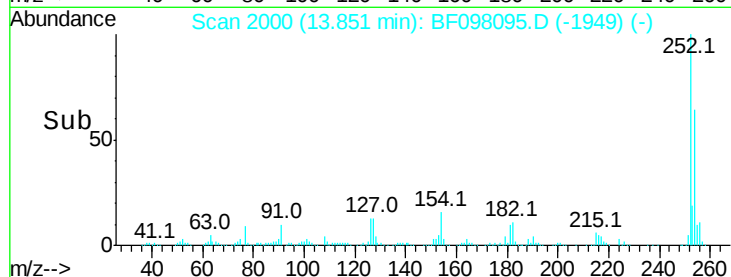
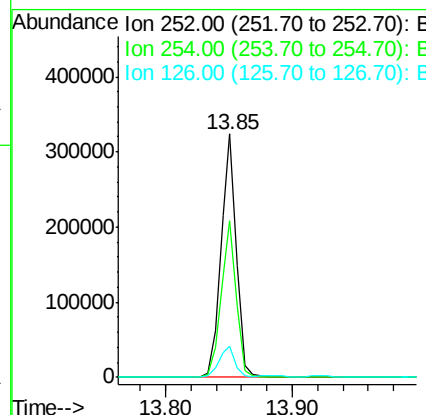
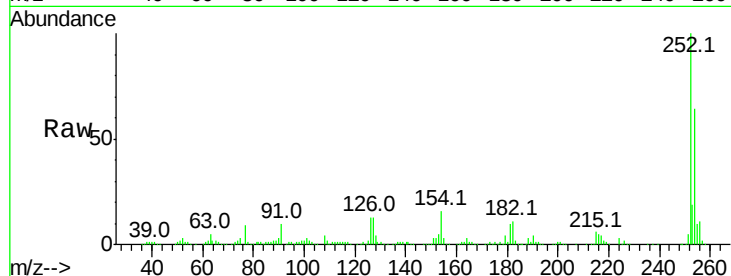




#81
 3,3'-Dichlorobenzidine
 Concen: 43.740 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

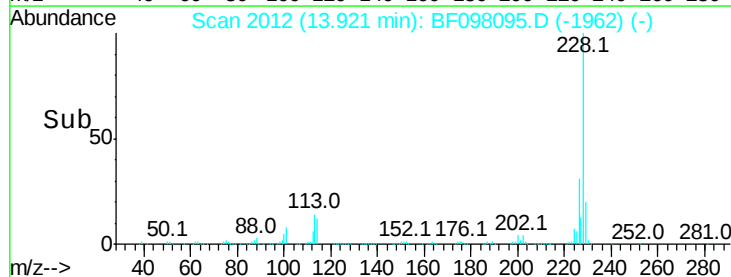
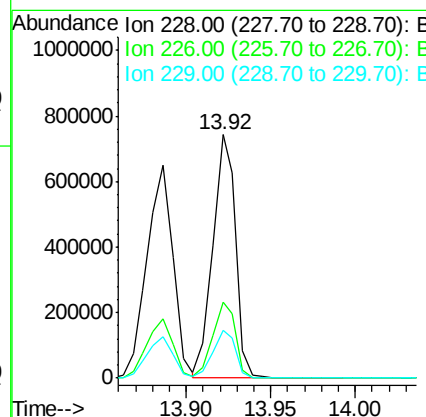
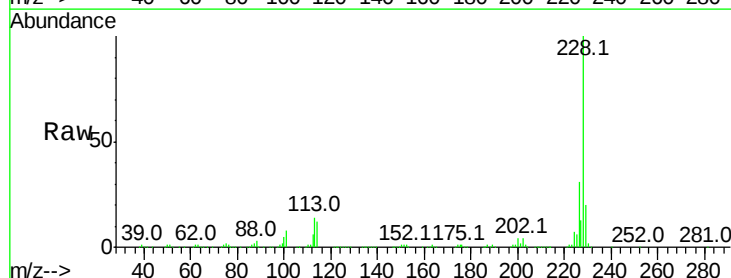
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

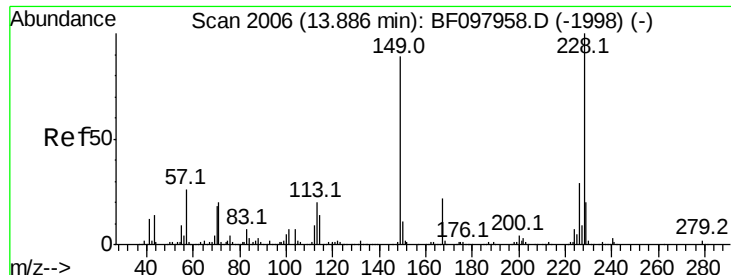
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	12.9	15.8	23.8#



#82
 Chrysene
 Concen: 37.445 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.651 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

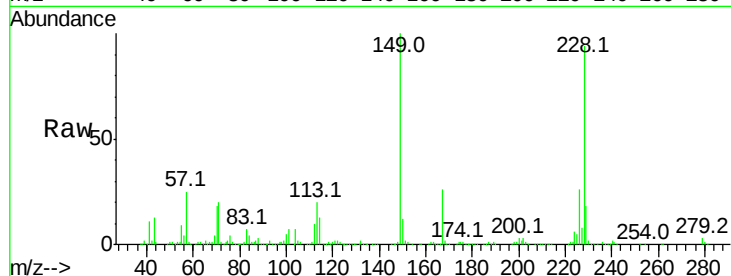
Tot Ion:149 Resp: 485167

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

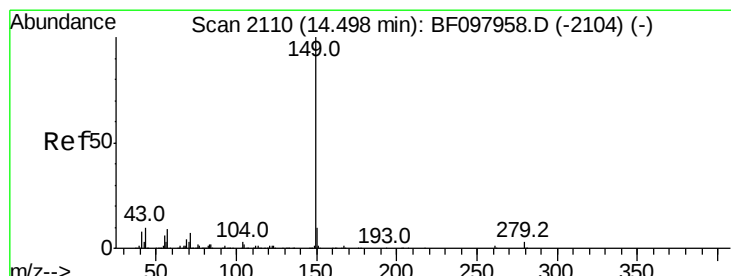
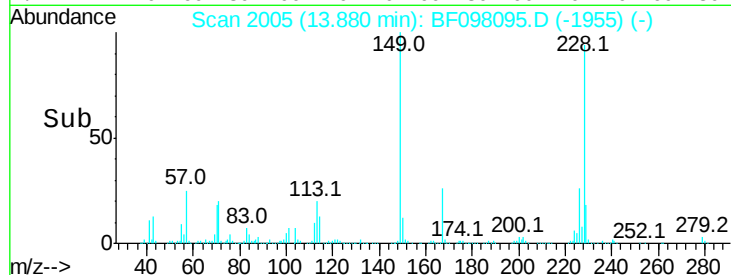
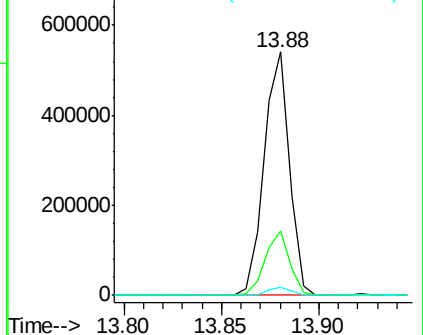
279 3.2 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.215 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

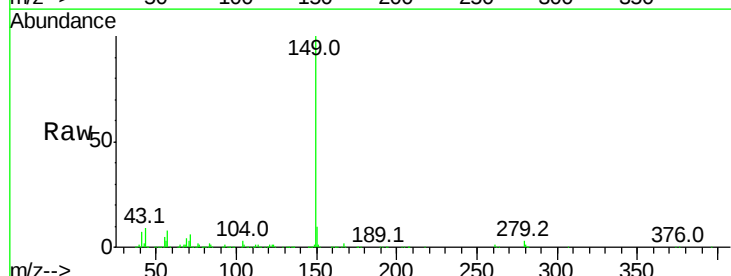
Tgt Ion:149 Resp: 911539

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

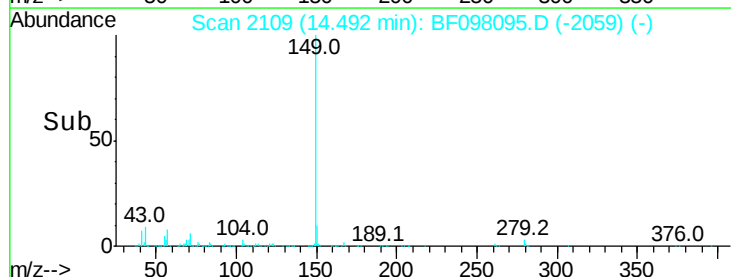
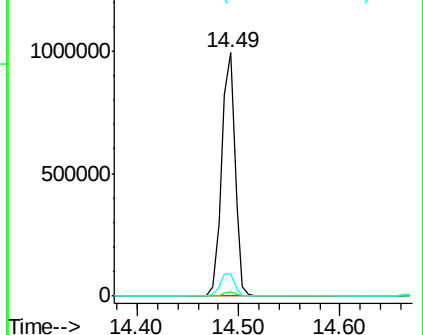
43 10.2 8.5 12.7

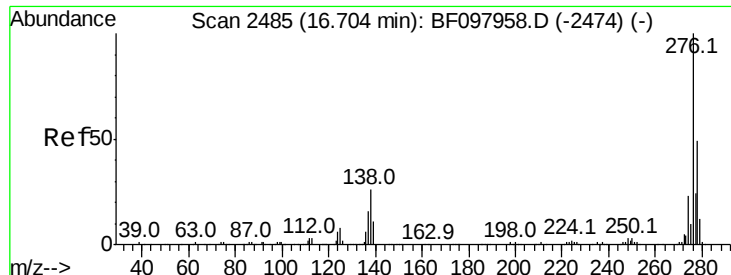


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

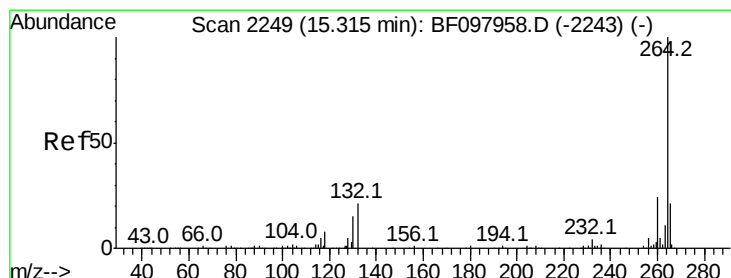
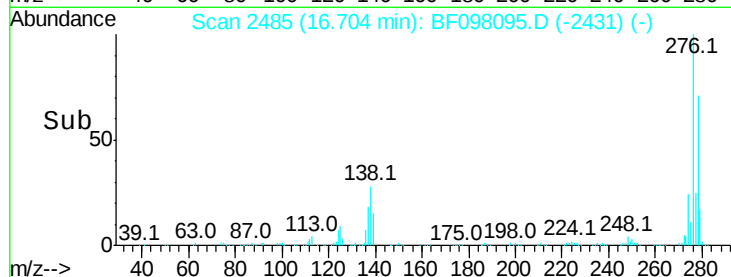
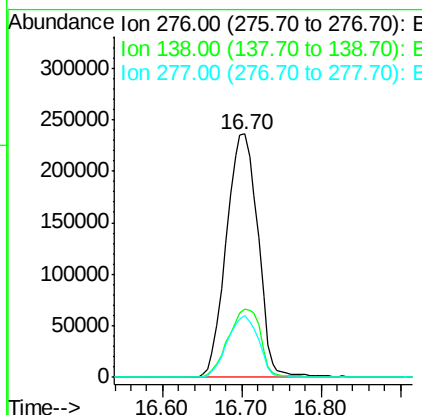
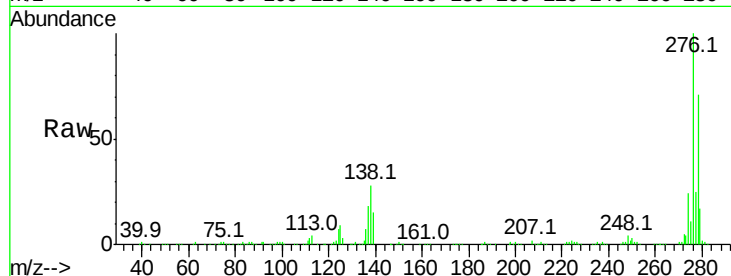




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.549 ng
 RT: 16.70 min Scan# 2485
 Delta R.T. 0.02 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

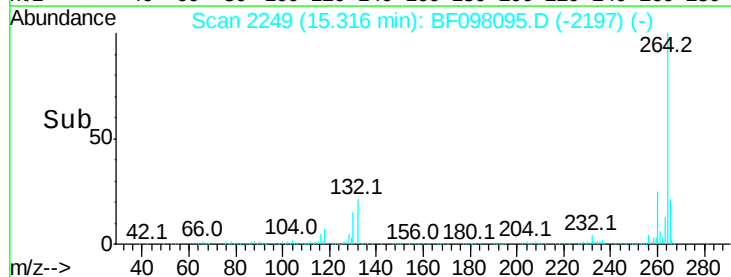
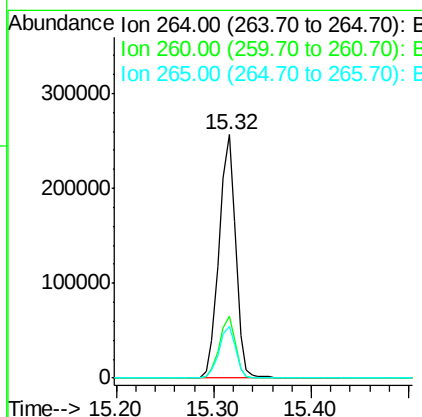
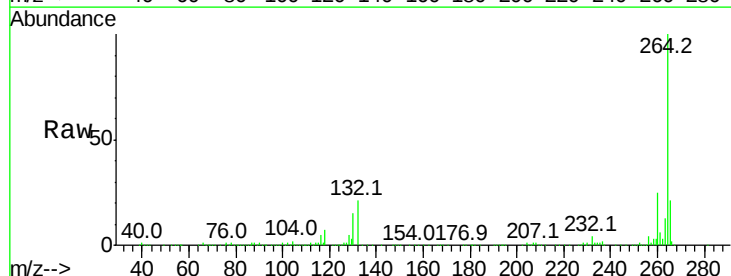
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

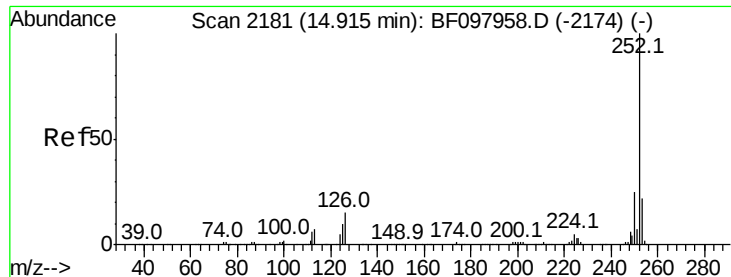
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098095.D
 Acq: 29 Aug 2017 5:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	21.4	17.2	25.8

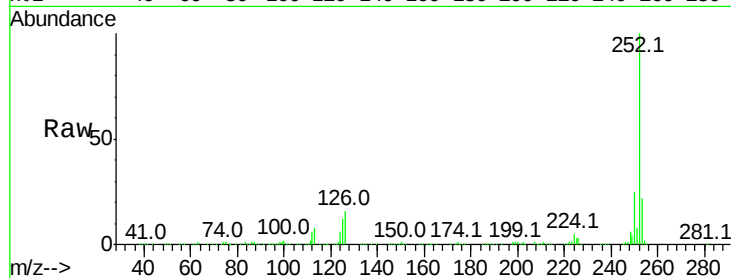




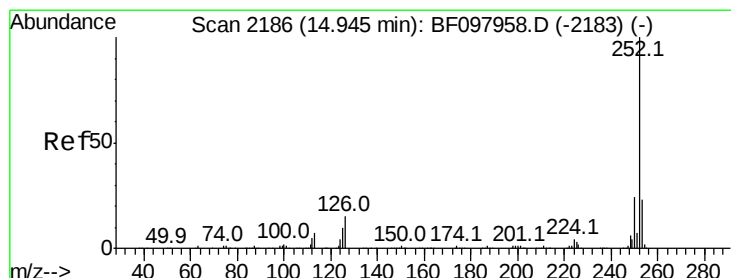
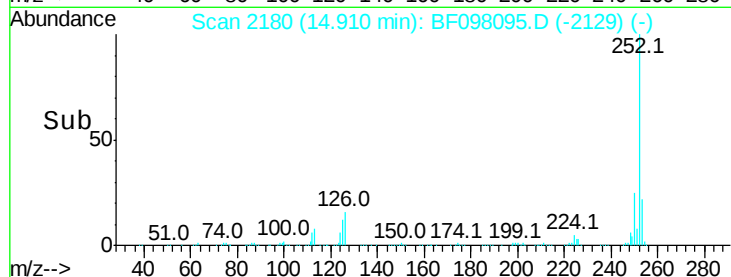
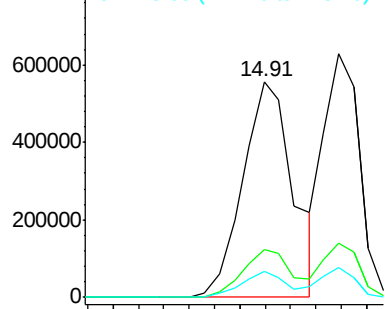
#87
Benzo(b)fluoranthene
Concen: 40.205 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.9	9.8	14.8

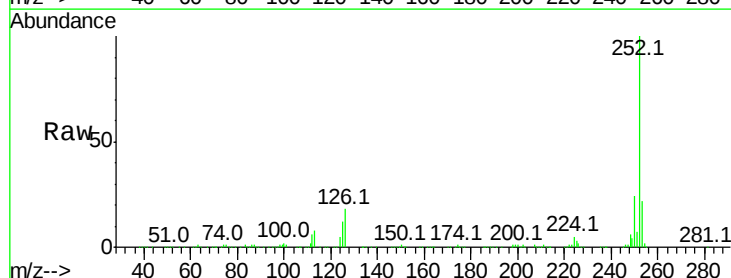


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

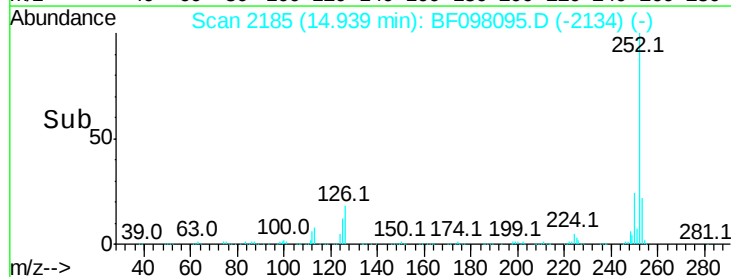
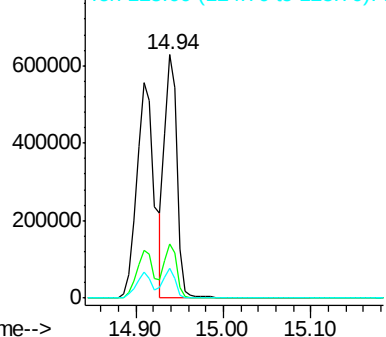


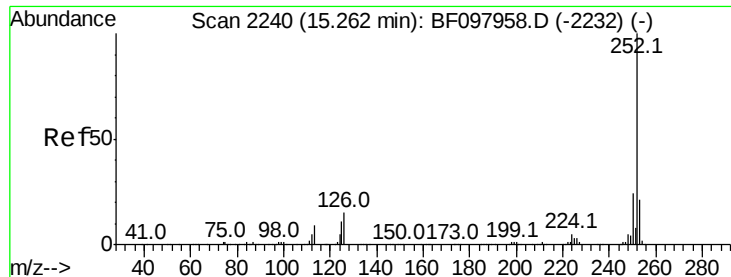
#88
Benzo(k)fluoranthene
Concen: 34.763 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BF098095.D
Acq: 29 Aug 2017 5:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	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: 39.547 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

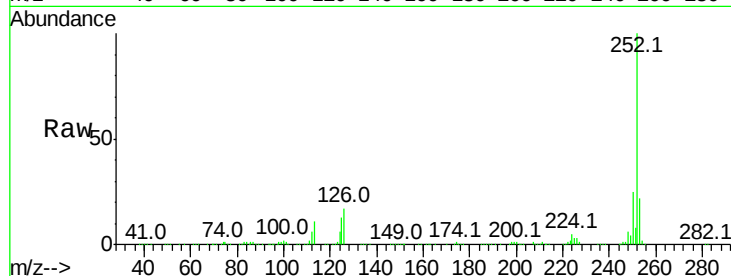
Tot Ion:252 Resp: 672440

Ion Ratio Lower Upper

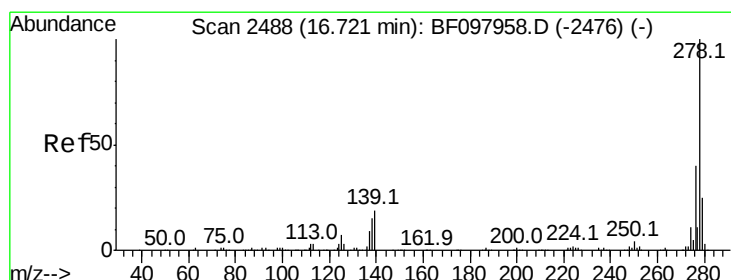
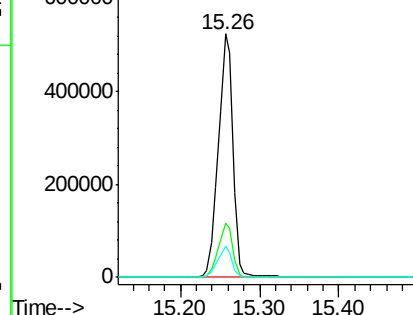
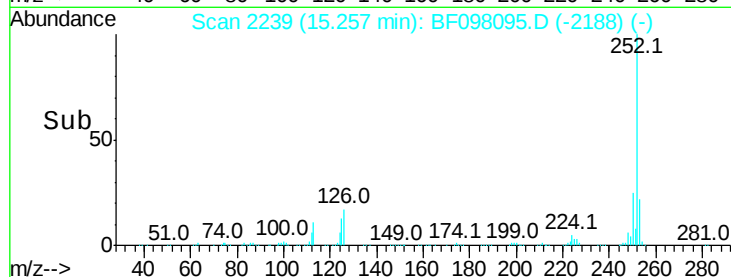
252 100

253 22.1 17.5 26.3

125 12.8 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: 40.434 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

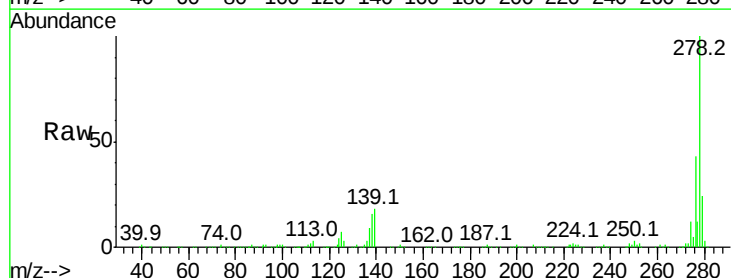
Tgt Ion:278 Resp: 559727

Ion Ratio Lower Upper

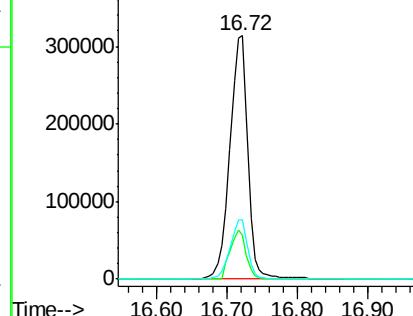
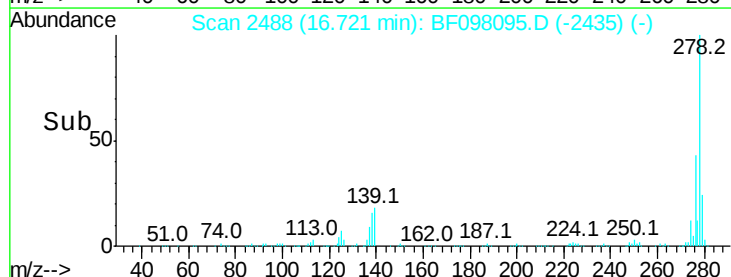
278 100

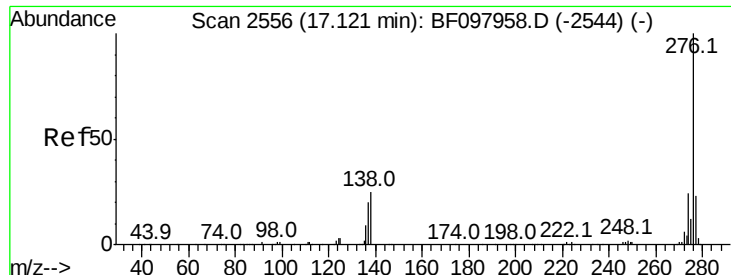
139 18.0 16.6 24.8

279 24.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.153 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF098095.D

Acq: 29 Aug 2017 5:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 551089

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 25.2 25.4 38.0#

