

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102226.D
 Acq On : 19 Jan 2018 19:39
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 19 22:03:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130084	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	548930	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	245586	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	393148	20.00	ng	0.00
75) Chrysene-d12	13.87	240	236659	20.00	ng	0.00
86) Perylene-d12	15.29	264	219279	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	703909	76.41	ng	0.00
7) Phenol-d6	6.36	99	841135	76.53	ng	-0.01
23) Nitrobenzene-d5	7.29	82	769631	82.39	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	183958	85.83	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1369218	87.10	ng	0.00
78) Terphenyl-d14	12.83	244	939853	82.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	161780	35.190	ng	97
3) Pyridine	3.08	79	444732	35.423	ng	96
4) n-Nitrosodimethylamine	3.05	42	178019	33.860	ng	97
6) Aniline	6.39	93	570863	36.855	ng	99
8) 2-Chlorophenol	6.50	128	373914	40.470	ng	98
9) Benzaldehyde	6.27	77	295607	38.735	ng	97
10) Phenol	6.37	94	465207	37.453	ng	76
11) bis(2-Chloroethyl)ether	6.46	93	352728	37.309	ng	99
12) 1,3-Dichlorobenzene	6.66	146	428627	40.244	ng	99
13) 1,4-Dichlorobenzene	6.74	146	426452	40.126	ng	99
14) 1,2-Dichlorobenzene	6.89	146	402153	40.882	ng	98
15) Benzyl Alcohol	6.87	79	304491	37.873	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	591892	33.962	ng	99
17) 2-Methylphenol	6.98	107	326322	39.152	ng	98
18) Hexachloroethane	7.23	117	150038	40.091	ng	93
19) n-Nitroso-di-n-propylamine	7.14	70	263293	36.554	ng	97
20) 3+4-Methylphenols	7.13	107	379740	37.946	ng	# 69
22) Acetophenone	7.13	105	511941	38.707	ng	# 88
24) Nitrobenzene	7.31	77	397685	39.619	ng	96
25) Isophorone	7.55	82	682712	36.988	ng	100
26) 2-Nitrophenol	7.62	139	210112	50.012	ng	95
27) 2,4-Dimethylphenol	7.66	122	298663	38.065	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	418549	37.556	ng	100
29) 2,4-Dichlorophenol	7.86	162	305535	41.010	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	323922	41.567	ng	99
31) Naphthalene	8.03	128	1094693	39.910	ng	100
32) Benzoic acid	7.79	122	190575	32.031	ng	97
33) 4-Chloroaniline	8.08	127	464134	39.645	ng	98
34) Hexachlorobutadiene	8.14	225	176755	42.850	ng	97
35) Caprolactam	8.46	113	97100	37.964	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	315067	38.634	ng	96
37) 2-Methylnaphthalene	8.72	142	720147	39.881	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	295044	42.466	ng	99
40) Hexachlorocyclopentadiene	8.86	237	151614	39.902	ng	96

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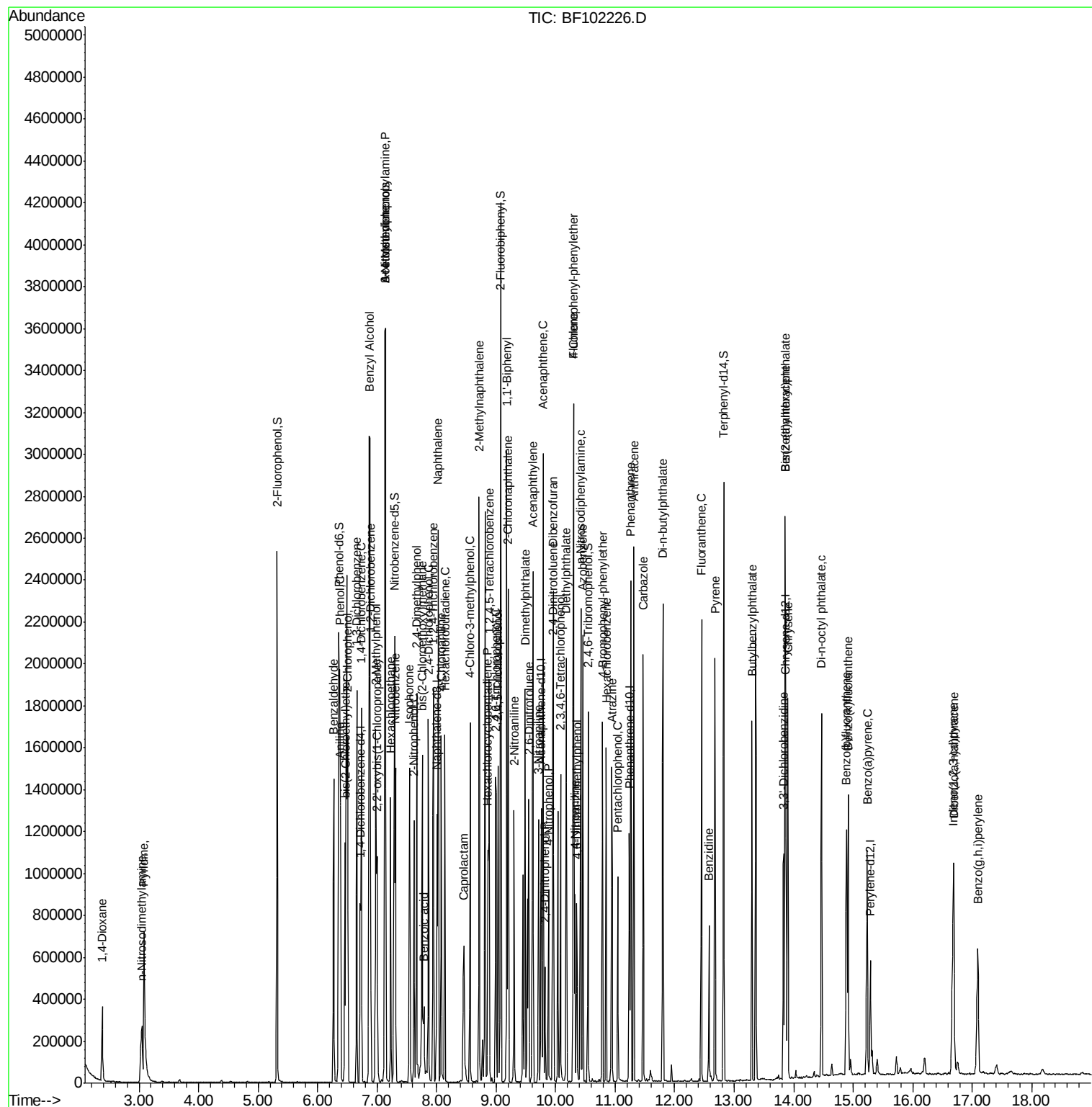
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	197889	41.332	ng	98
43) 2,4,5-Trichlorophenol	9.03	196	222972	41.204	ng	98
45) 1,1'-Biphenyl	9.18	154	863441	39.777	ng	99
46) 2-Chloronaphthalene	9.20	162	680654	40.436	ng	99
47) 2-Nitroaniline	9.30	65	212916	42.226	ng	96
48) Acenaphthylene	9.62	152	1036731	38.809	ng	99
49) Dimethylphthalate	9.49	163	779578	39.570	ng	100
50) 2,6-Dinitrotoluene	9.55	165	168445	42.803	ng	89
51) Acenaphthene	9.79	154	601569	37.102	ng	99
52) 3-Nitroaniline	9.72	138	196705	39.605	ng	98
53) 2,4-Dinitrophenol	9.82	184	58538	43.369	ng	# 23
54) Dibenzofuran	9.96	168	848919	38.149	ng	97
55) 4-Nitrophenol	9.88	139	147980	39.981	ng	90
56) 2,4-Dinitrotoluene	9.95	165	213518	43.288	ng	97
57) Fluorene	10.30	166	664097	43.170	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	149838	38.893	ng	97
59) Diethylphthalate	10.18	149	739233	37.721	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	286650	43.761	ng	99
61) 4-Nitroaniline	10.33	138	177585	37.676	ng	93
62) Azobenzene	10.46	77	687623	35.267	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	95245	45.007	ng	97
65) n-Nitrosodiphenylamine	10.42	169	595970	40.482	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	175730	42.326	ng	95
67) Hexachlorobenzene	10.85	284	198207	43.730	ng	93
68) Atrazine	10.95	200	171289	40.260	ng	98
69) Pentachlorophenol	11.05	266	101198	36.615	ng	99
70) Phenanthrene	11.26	178	911940	39.710	ng	99
71) Anthracene	11.32	178	920183	39.508	ng	99
72) Carbazole	11.47	167	801863	35.027	ng	99
73) Di-n-butylphthalate	11.80	149	1111903	39.589	ng	99
74) Fluoranthene	12.45	202	814028	36.028	ng	97
76) Benzidine	12.57	184	248700	21.762	ng	99
77) Pyrene	12.68	202	815809	38.998	ng	100
79) Butylbenzylphthalate	13.30	149	384081	40.007	ng	99
80) Benzo(a)anthracene	13.86	228	586948	38.872	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	213606	38.206	ng	96
82) Chrysene	13.90	228	600769	38.157	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	497370	45.162	ng	99
84) Di-n-octyl phthalate	14.47	149	789266	43.188	ng	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	546225	47.666	ng	99
87) Benzo(b)fluoranthene	14.89	252	585933	40.981	ng	99
88) Benzo(k)fluoranthene	14.92	252	505792	36.671	ng	100
89) Benzo(a)pyrene	15.23	252	520635	40.466	ng	98
90) Dibenzo(a,h)anthracene	16.70	278	447256	43.561	ng	99
91) Benzo(g,h,i)perylene	17.10	276	450109	43.520	ng	96

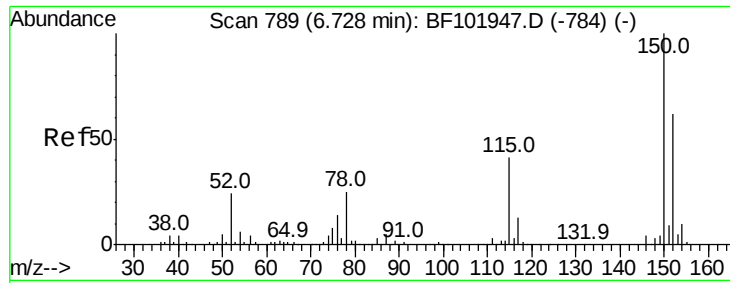
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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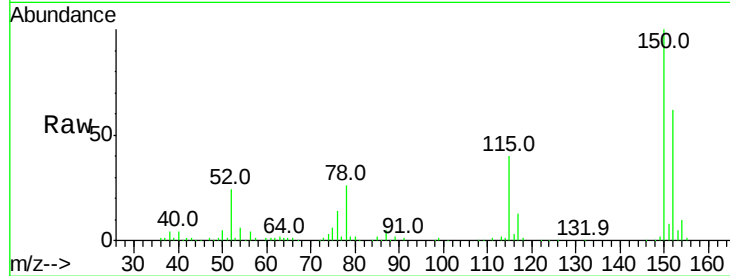


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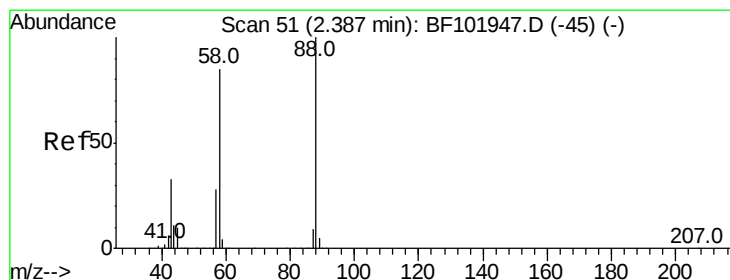
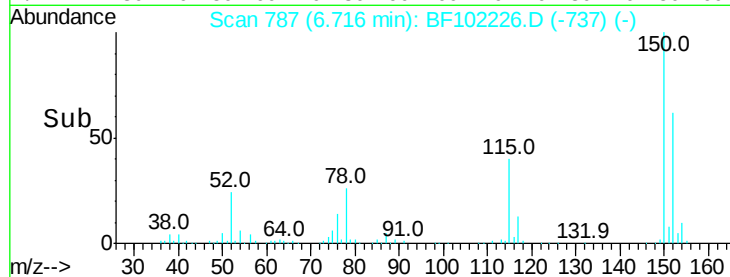
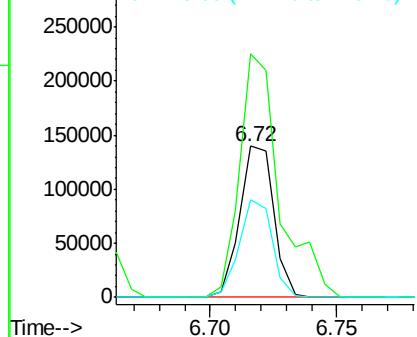
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 130084
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 64.7 50.1 75.1



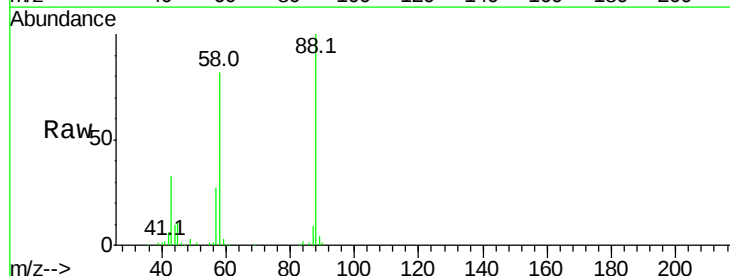
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



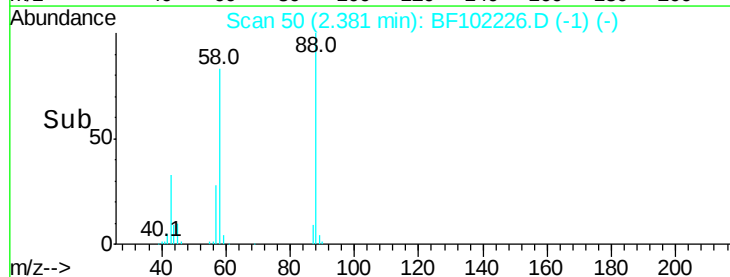
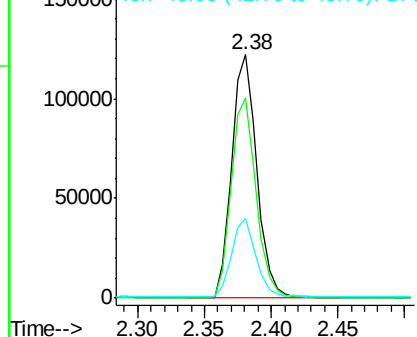
#2

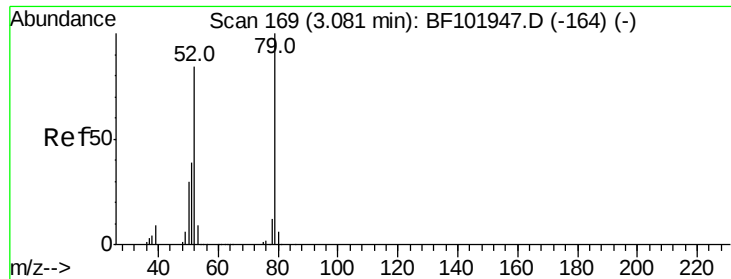
1,4-Dioxane
Concen: 35.190 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion: 88 Resp: 161780
Ion Ratio Lower Upper
88 100
58 81.4 62.6 93.8
43 30.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.423 ng

RT: 3.08 min Scan# 169

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

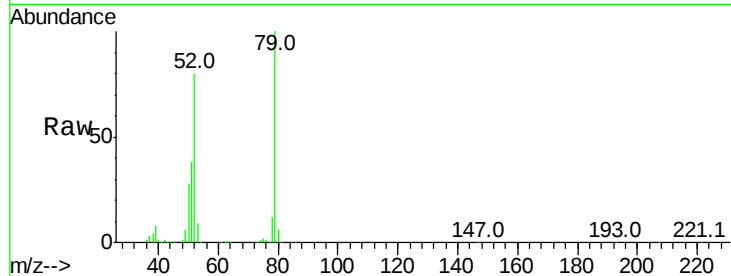
Tot Ion: 79 Resp: 444732

Ion Ratio Lower Upper

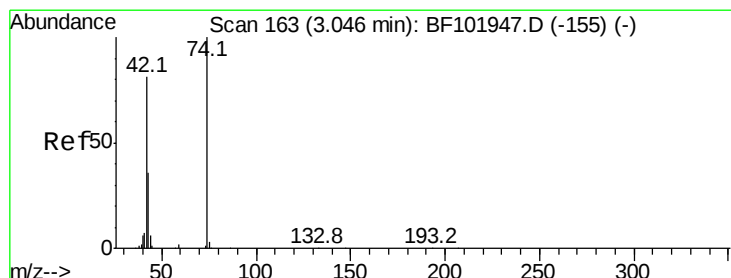
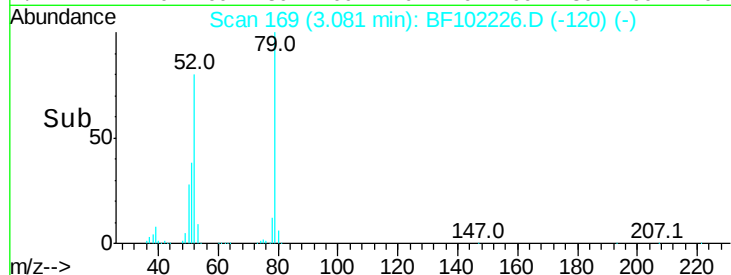
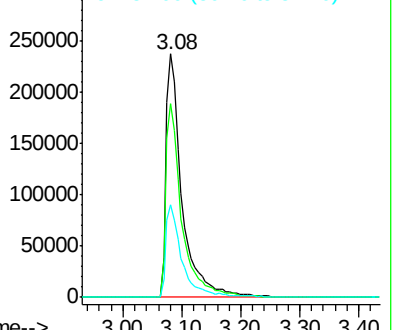
79 100

52 79.8 59.8 89.6

51 38.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.860 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.02 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

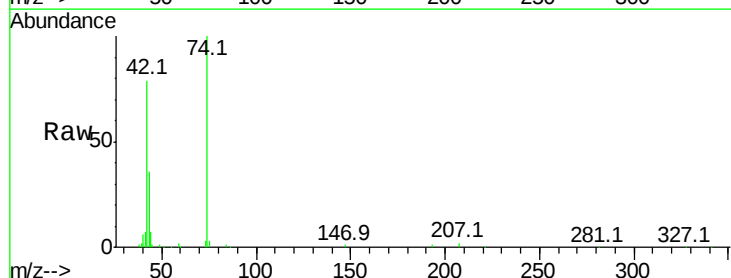
Tgt Ion: 42 Resp: 178019

Ion Ratio Lower Upper

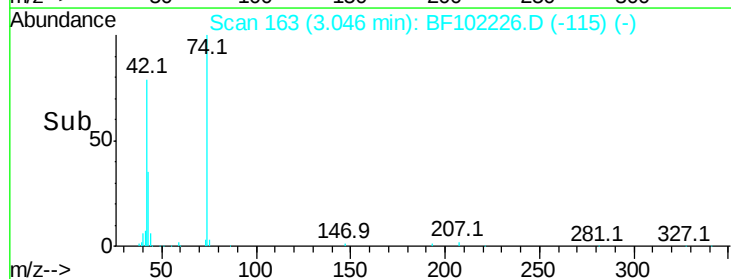
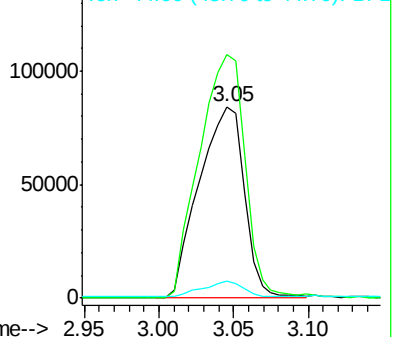
42 100

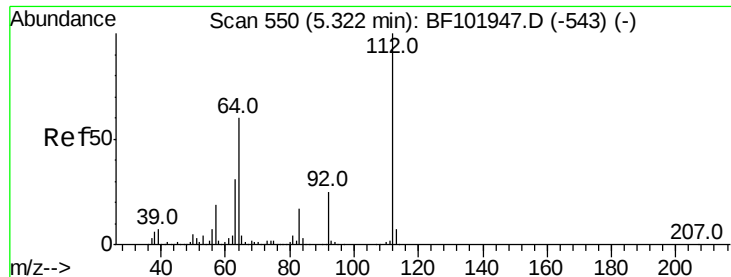
74 127.0 104.9 157.3

44 8.8 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.410 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.01 min

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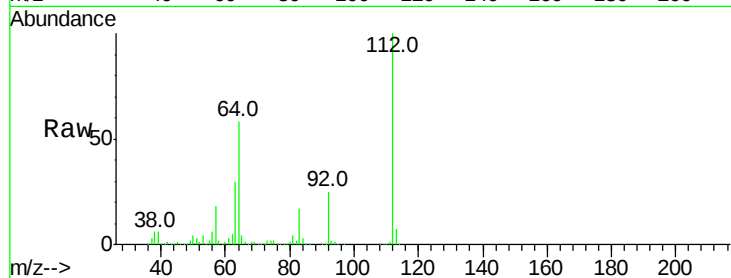
Tot Ion:112 Resp: 703909

Ion Ratio Lower Upper

112 100

64 57.6 47.9 71.9

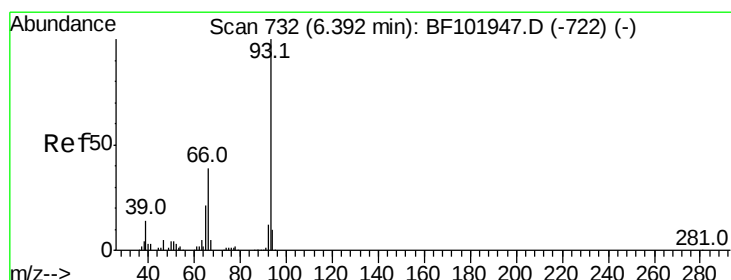
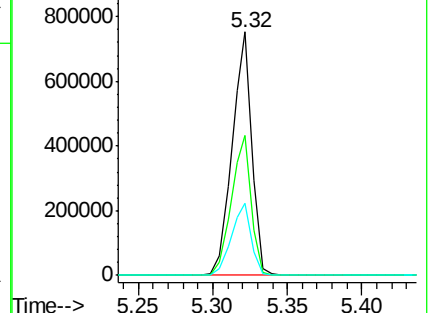
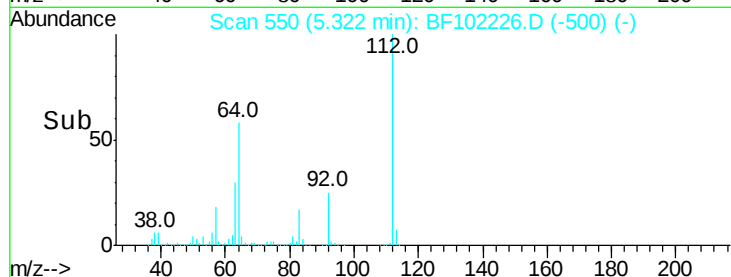
63 29.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.855 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

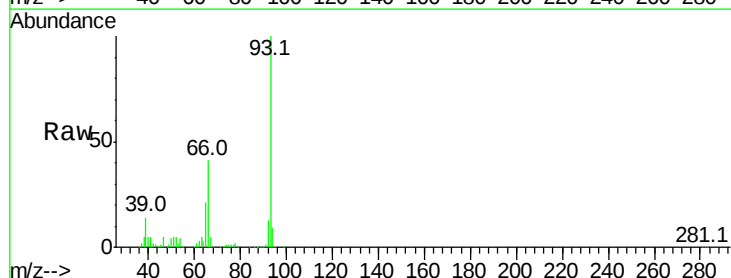
Tgt Ion: 93 Resp: 570863

Ion Ratio Lower Upper

93 100

66 40.7 32.2 48.2

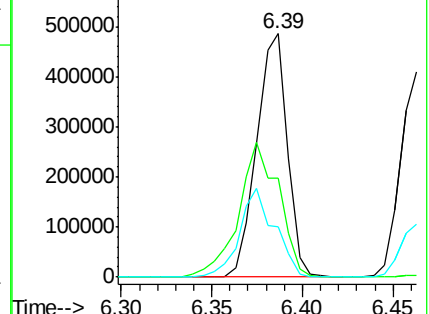
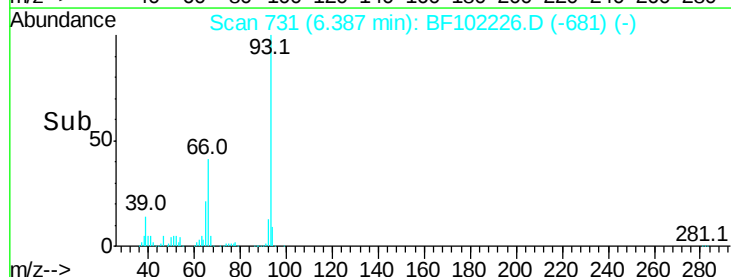
65 20.7 16.4 24.6

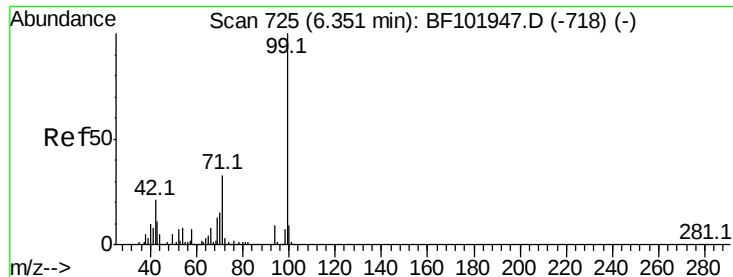


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.529 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

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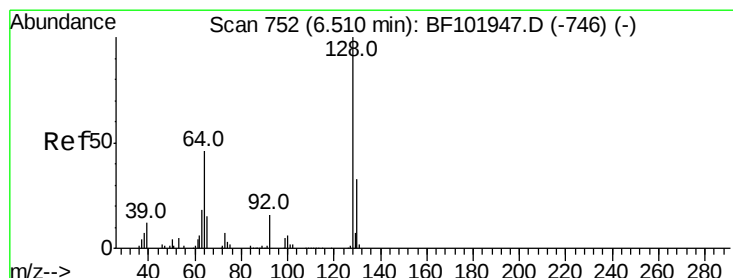
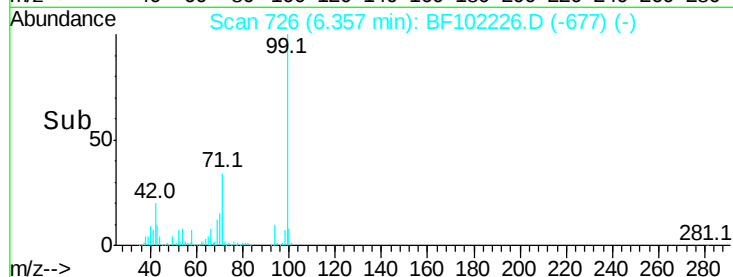
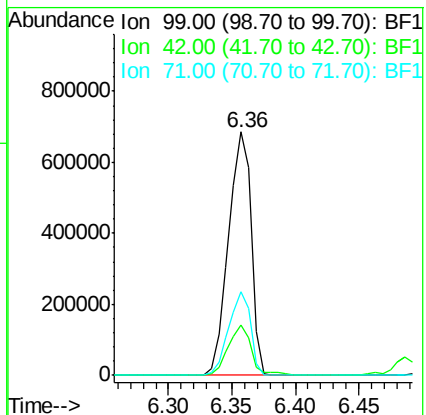
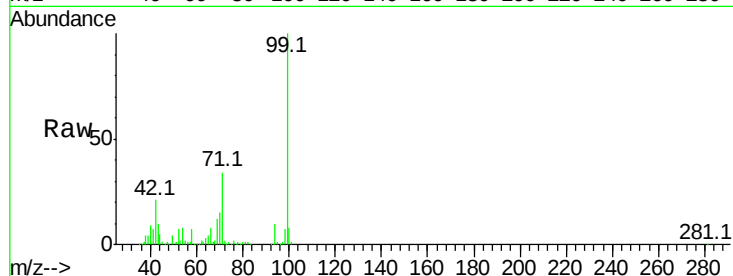
Tot Ion: 99 Resp: 841135

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 34.2 25.4 38.0



#8

2-Chlorophenol

Concen: 40.470 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

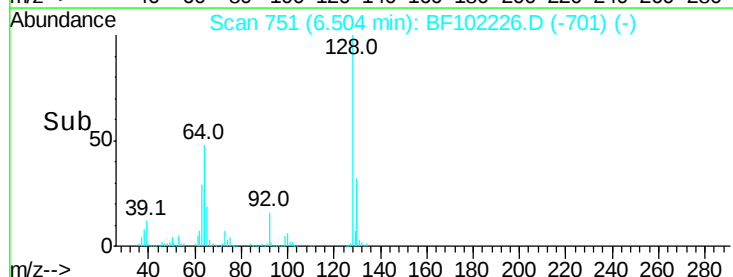
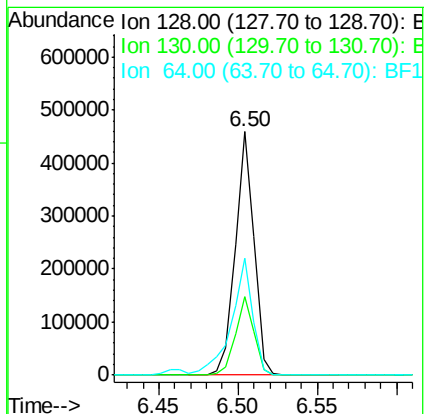
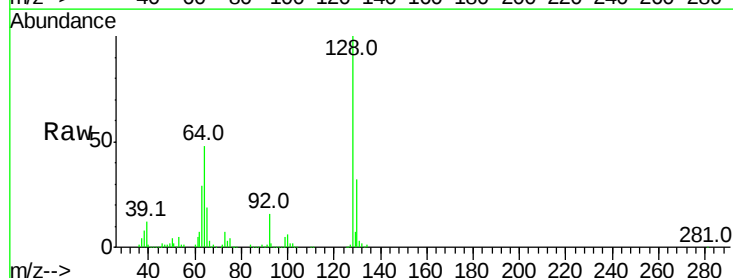
Tgt Ion: 128 Resp: 373914

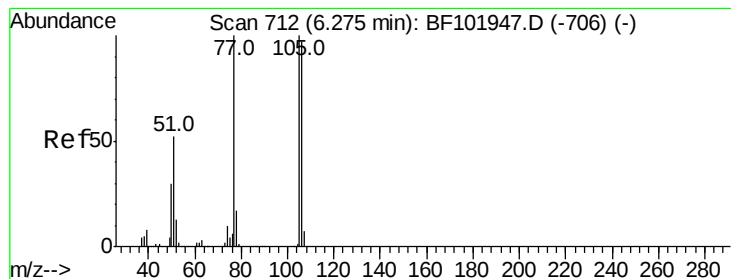
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 48.0 29.4 69.4





#9

Benzaldehyde

Concen: 38.735 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

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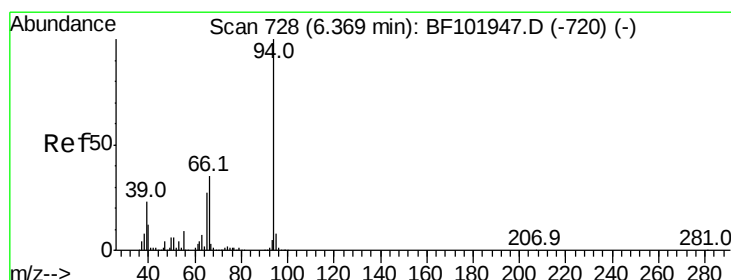
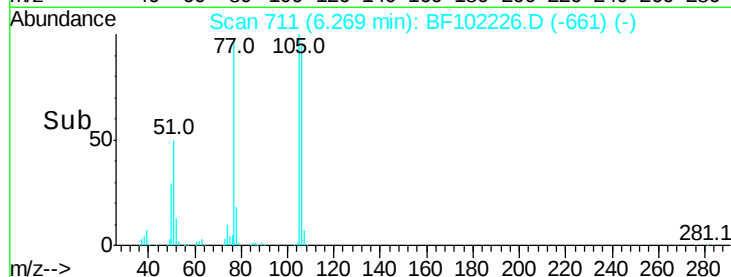
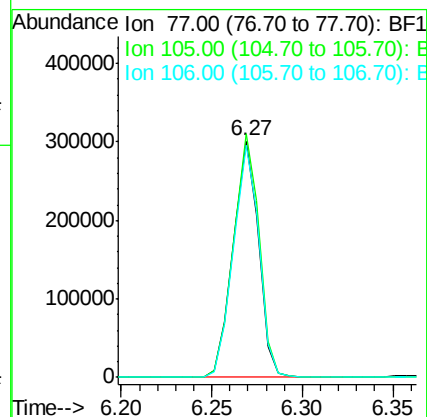
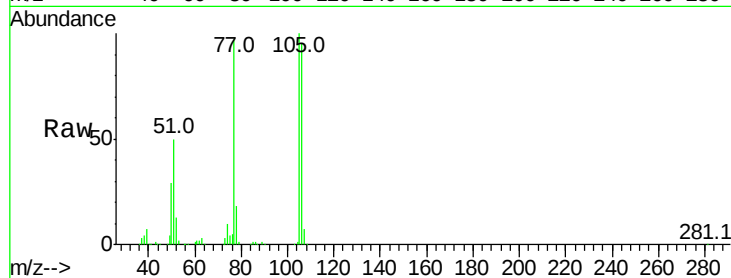
Tot Ion: 77 Resp: 295607

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

106 98.2 74.5 114.5



#10

Phenol

Concen: 37.453 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

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Acq: 19 Jan 2018 19:39

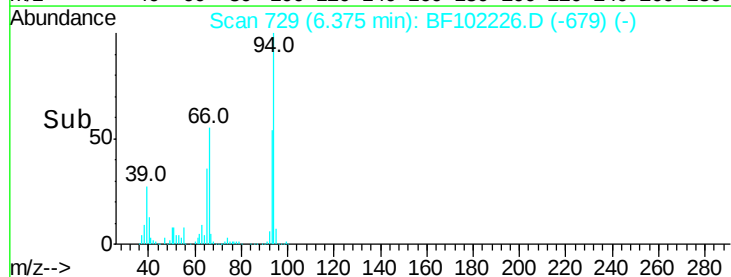
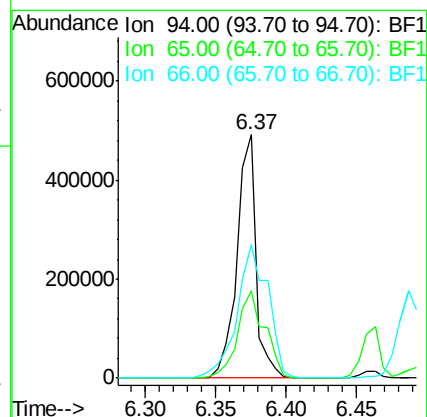
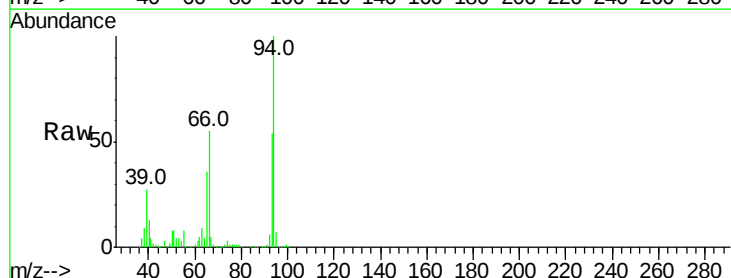
Tgt Ion: 94 Resp: 465207

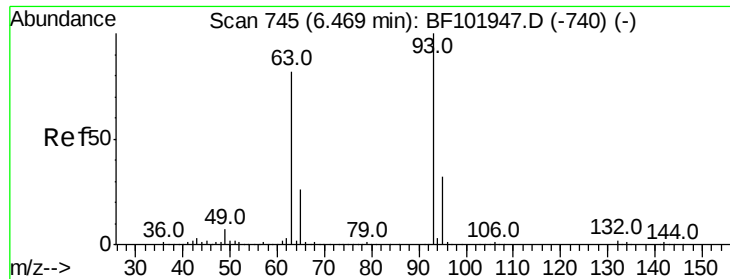
Ion Ratio Lower Upper

94 100

65 35.9 7.9 47.9

66 54.8 16.2 56.2

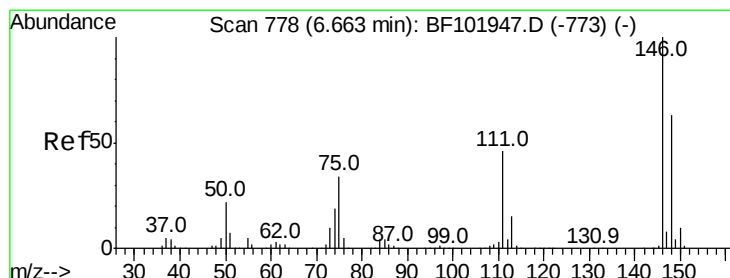
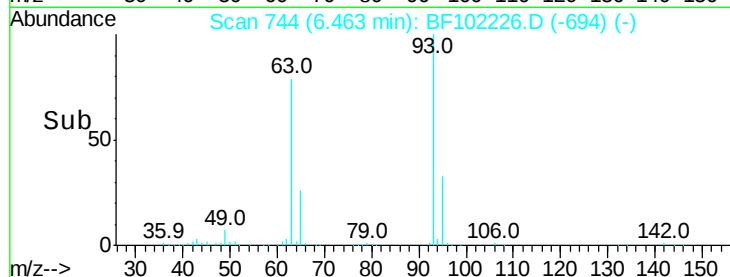
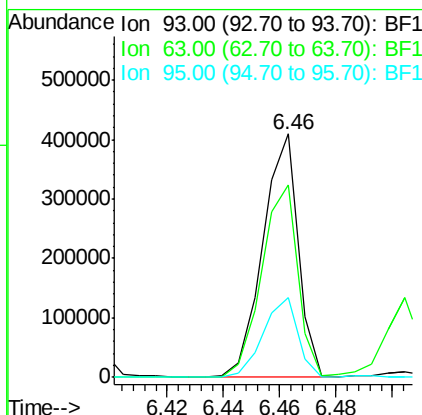
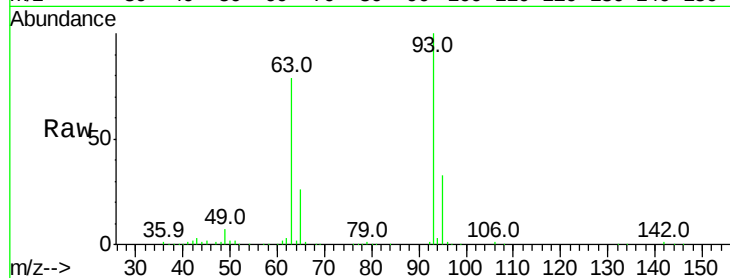




#11
bis(2-Chloroethyl)ether
Concen: 37.309 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

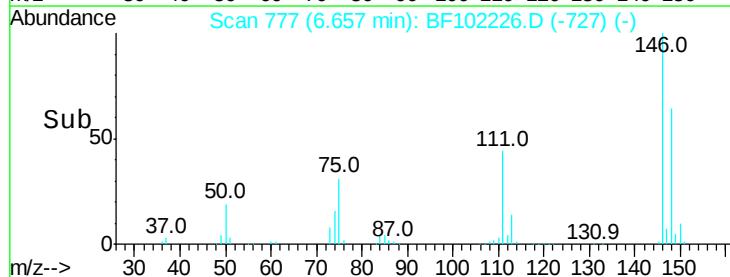
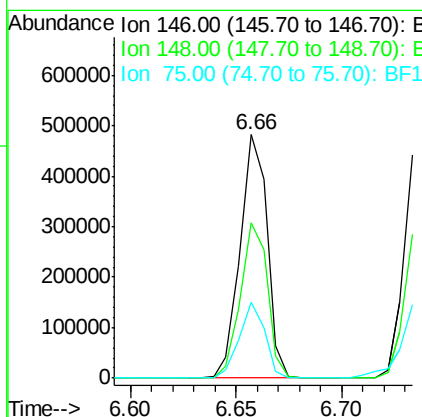
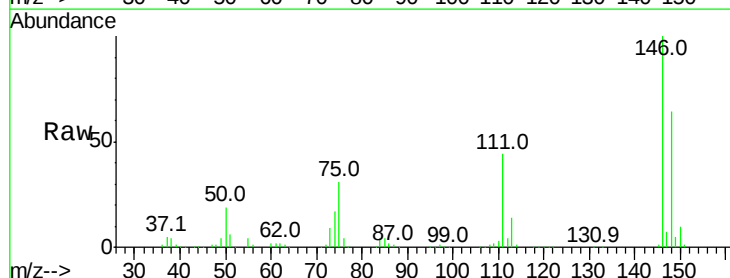
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

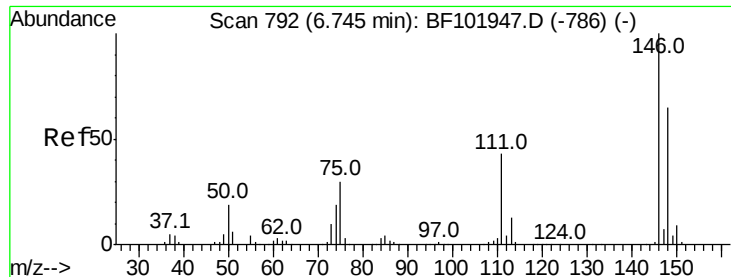
Tot Ion: 93 Resp: 352728
Ion Ratio Lower Upper
93 100
63 79.0 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.244 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion: 146 Resp: 428627
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 31.3 24.2 36.4

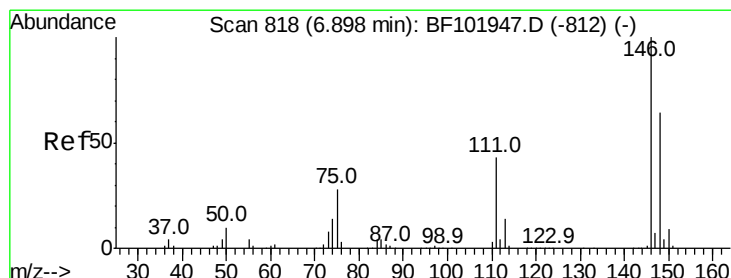
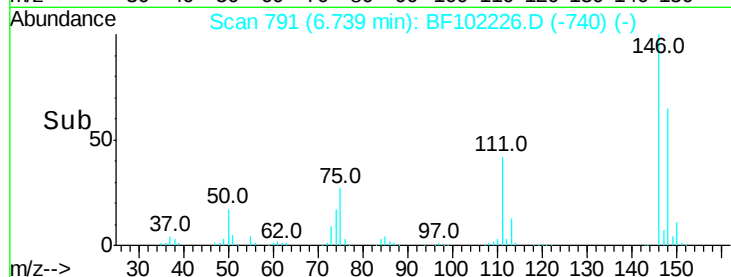
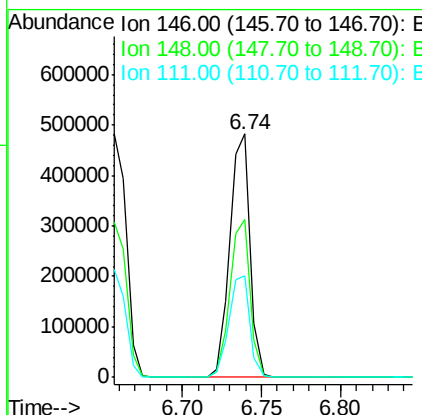
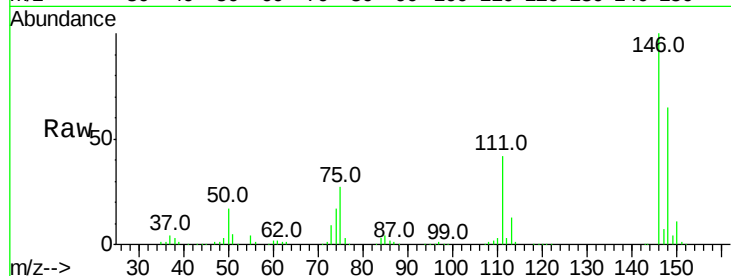




#13
 1,4-Dichlorobenzene
 Concen: 40.126 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

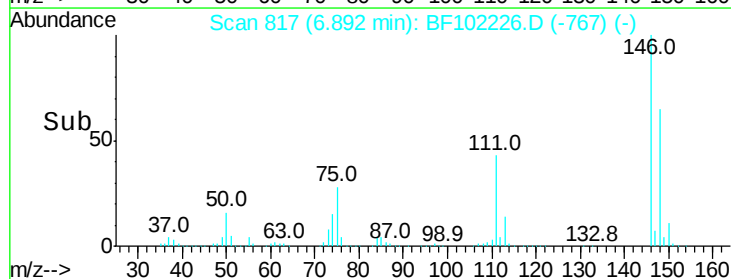
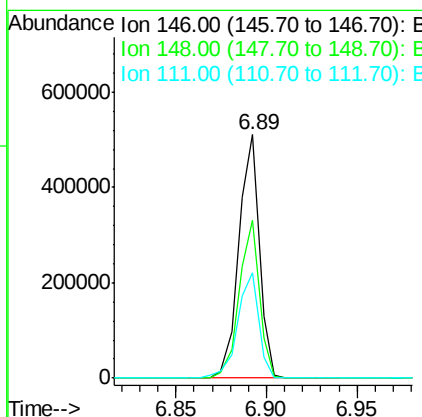
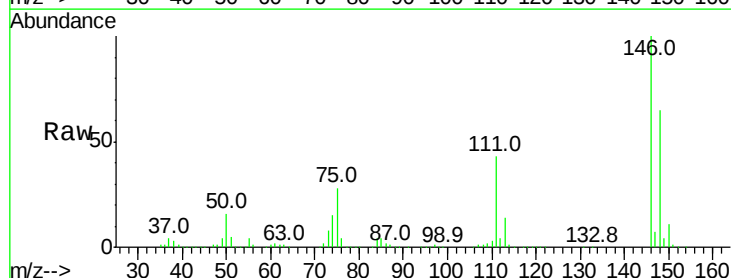
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

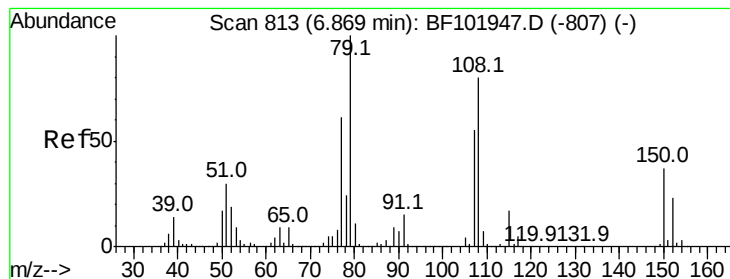
Tot Ion:146 Resp: 426452
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 41.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.882 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

Tgt Ion:146 Resp: 402153
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 43.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.873 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

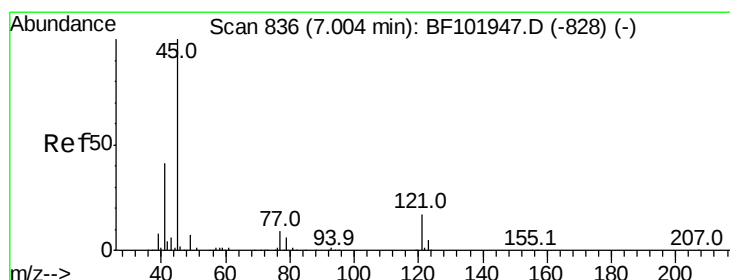
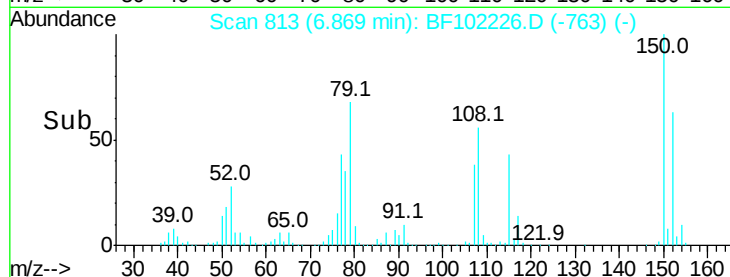
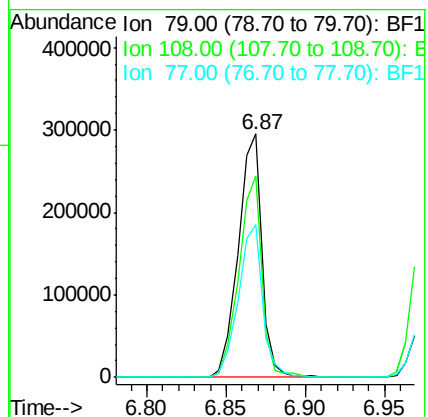
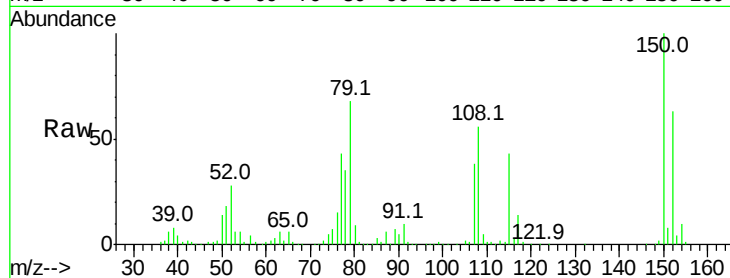
Tot Ion: 79 Resp: 304491

Ion Ratio Lower Upper

79 100

108 82.9 65.1 97.7

77 62.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.962 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

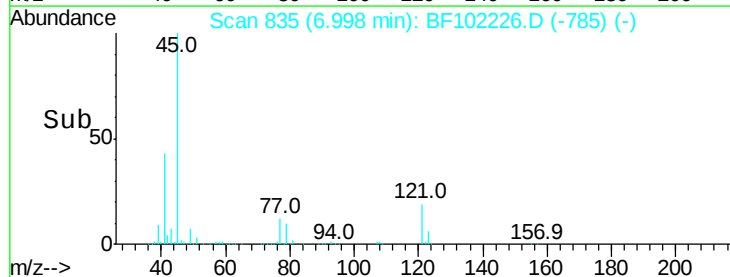
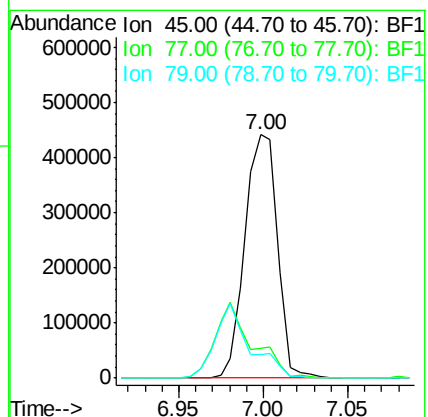
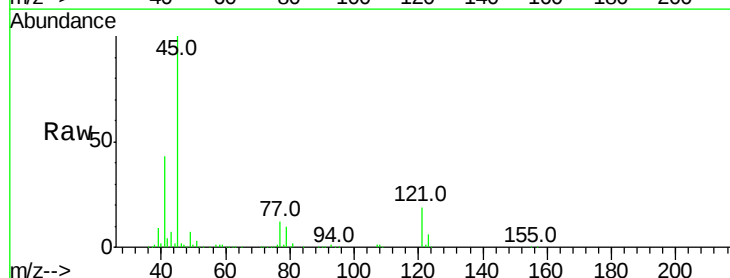
Tgt Ion: 45 Resp: 591892

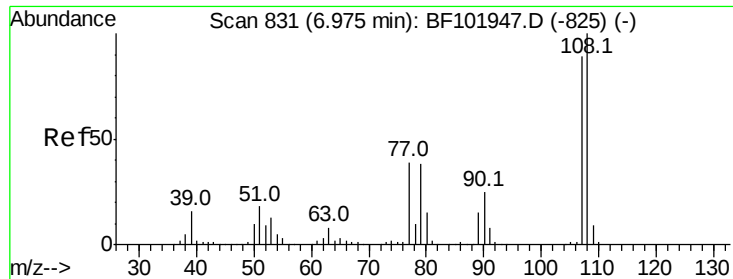
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.9

79 9.9 0.0 29.6

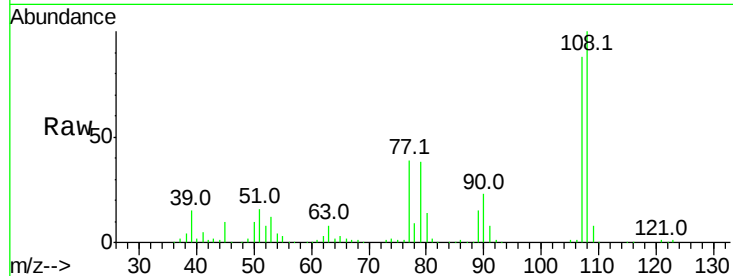




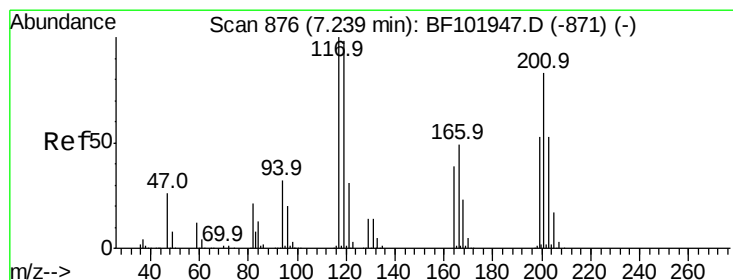
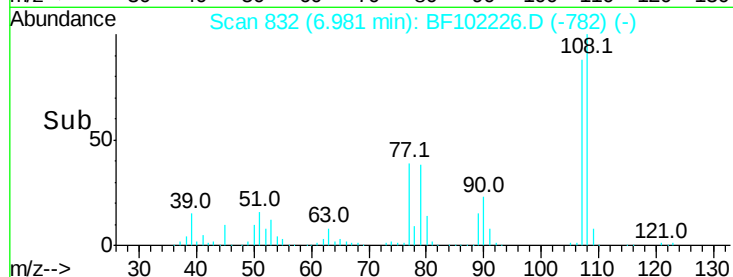
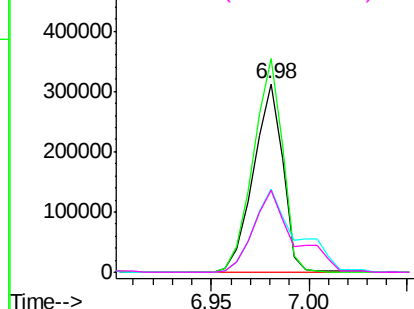
#17
2-Methylphenol
Concen: 39.152 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 326322
Ion Ratio Lower Upper
107 100
108 113.3 91.7 137.5
77 43.9 33.8 50.8
79 43.4 33.8 50.8

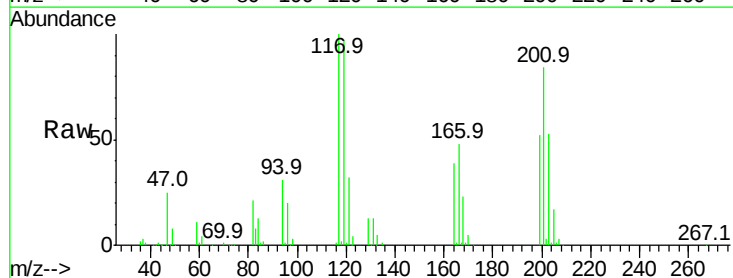


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

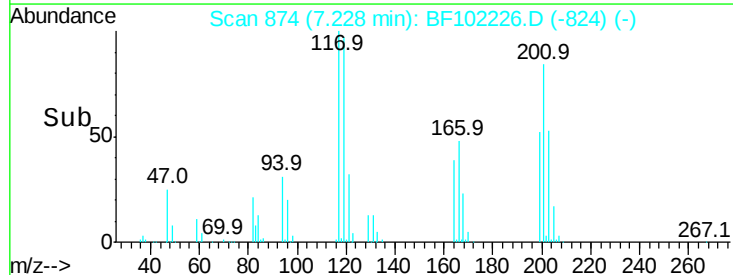
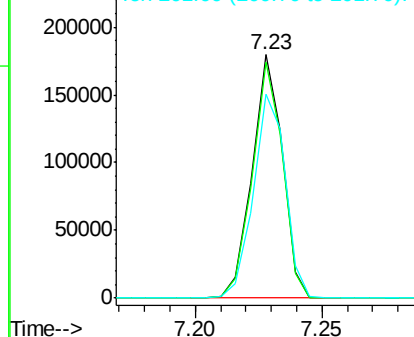


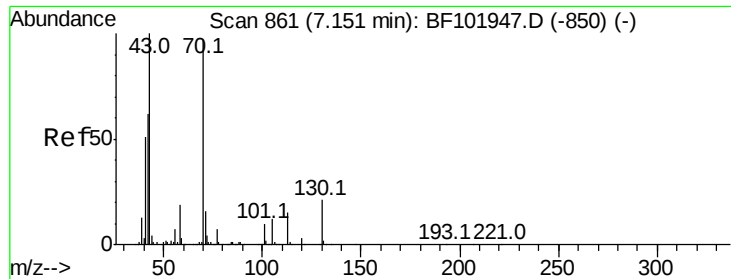
#18
Hexachloroethane
Concen: 40.091 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:117 Resp: 150038
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 83.5 75.7 113.5



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

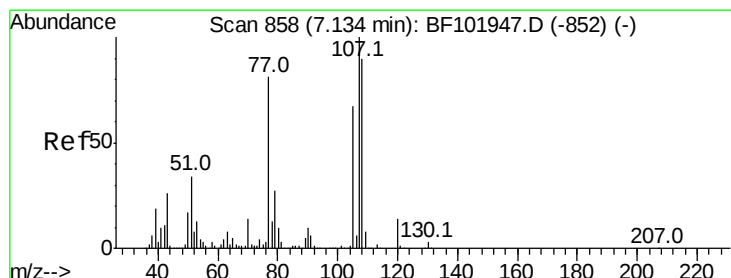
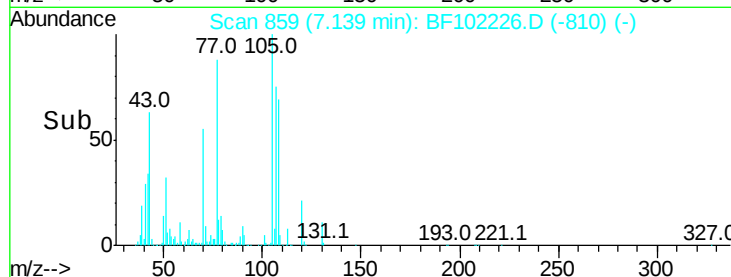
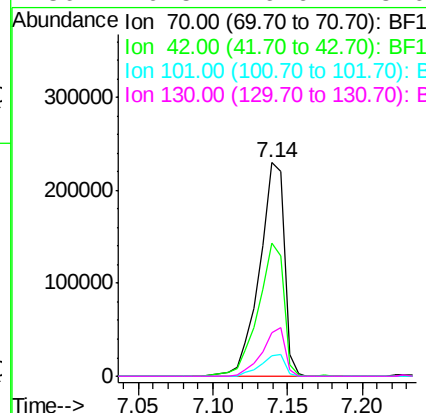
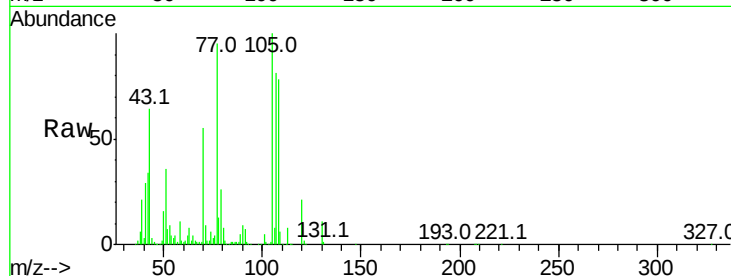




#19
n-Nitroso-di-n-propylamine
Concen: 36.554 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

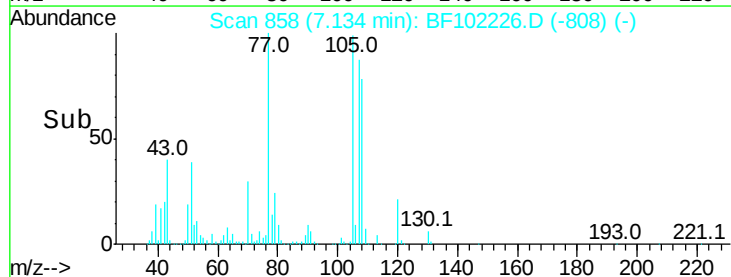
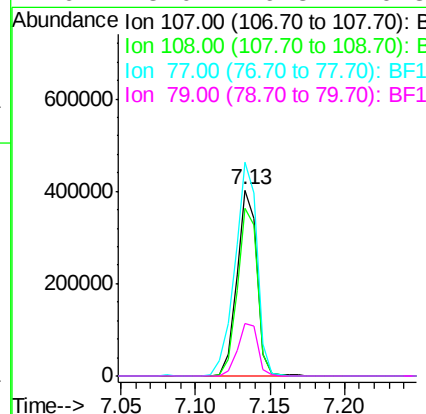
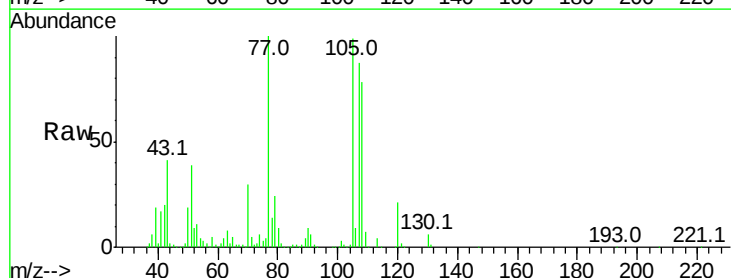
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

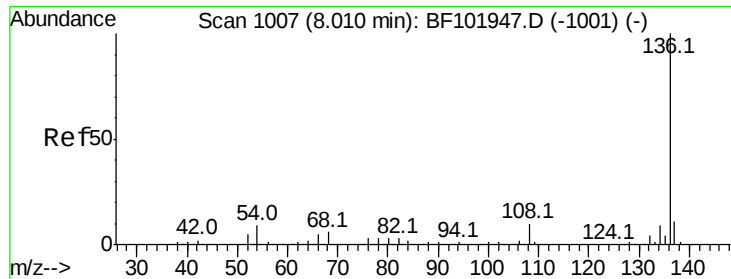
Tot Ion:	70	Resp:	263293
Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.5	71.3
101	9.4	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.946 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:	107	Resp:	379740
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.2	108.2
77	114.9	26.7	66.7#
79	28.0	6.3	46.3

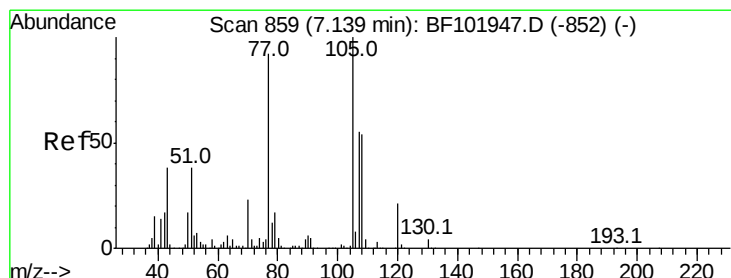
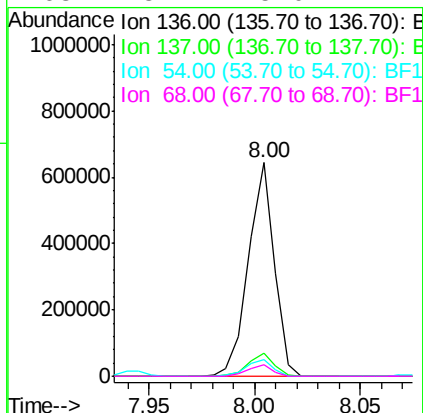
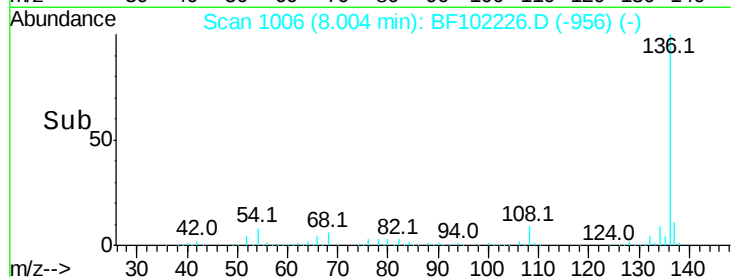
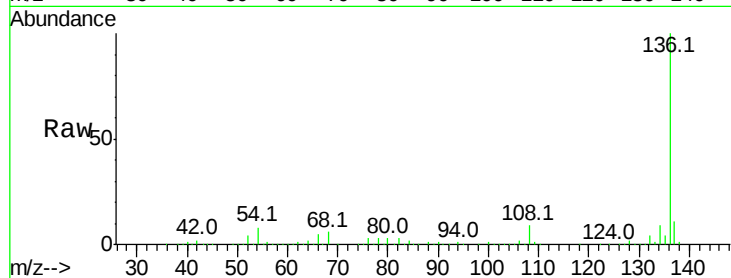




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

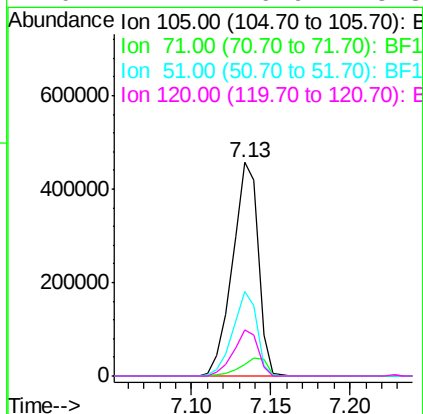
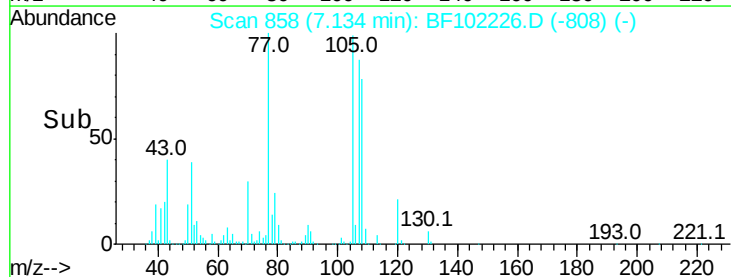
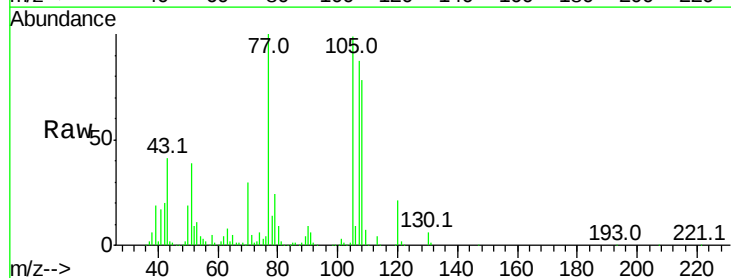
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

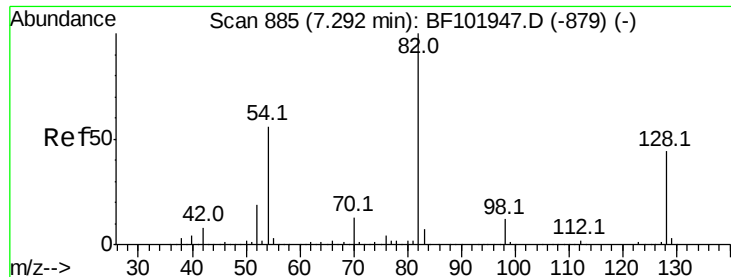
Tot Ion:	136	Resp:	548930
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	5.7	5.0	7.4



#22
Acetophenone
Concen: 38.707 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:	105	Resp:	511941
Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.4	6.6
51	39.8	22.3	33.5#
120	21.4	16.9	25.3

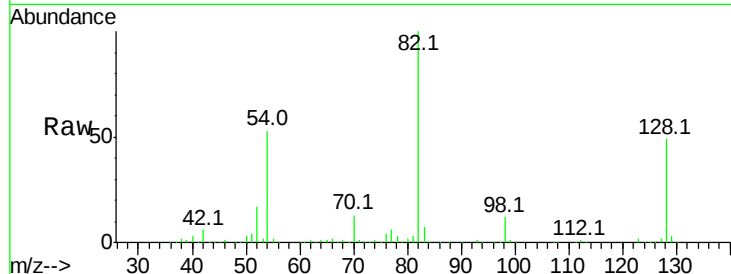




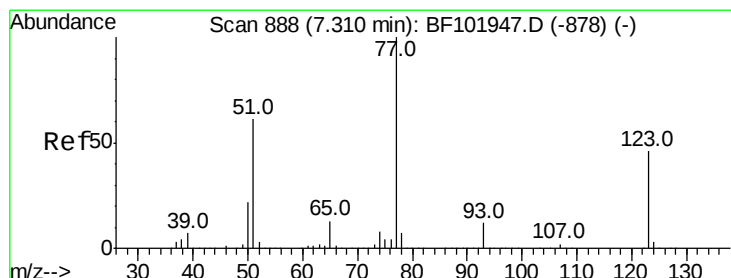
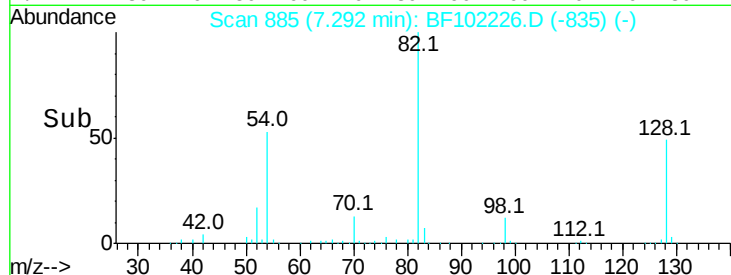
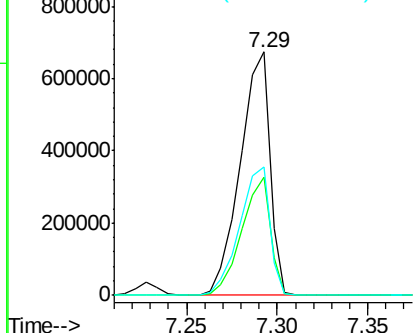
#23
 Nitrobenzene-d5
 Concen: 82.391 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	52.6	41.4	62.2

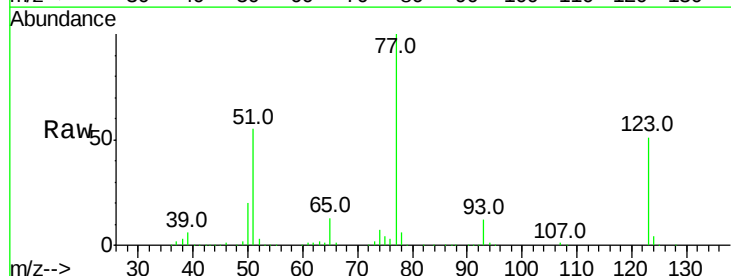


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

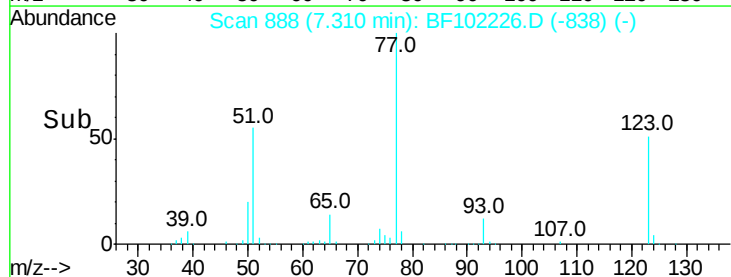
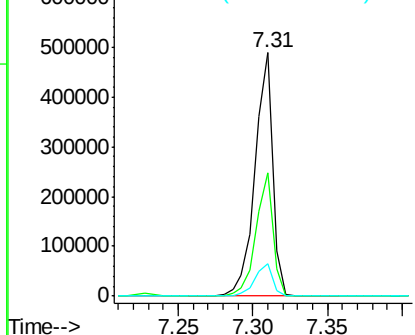


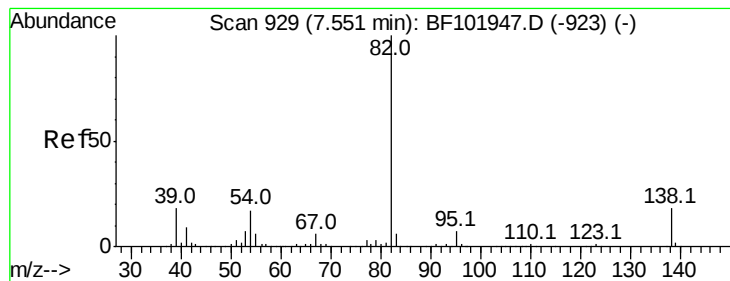
#24
 Nitrobenzene
 Concen: 39.619 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	37.9	56.9
65	13.5	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.988 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

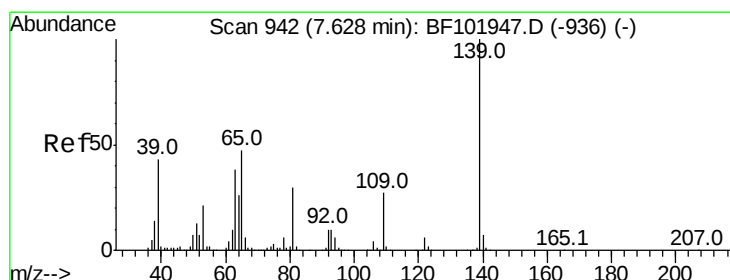
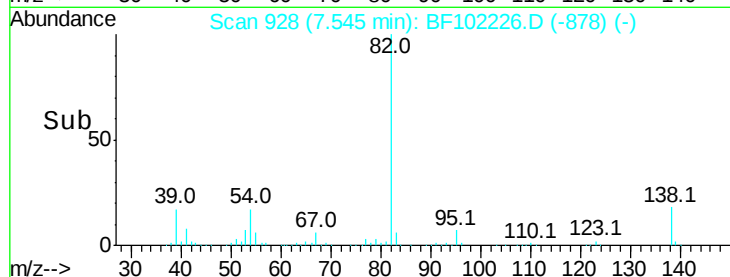
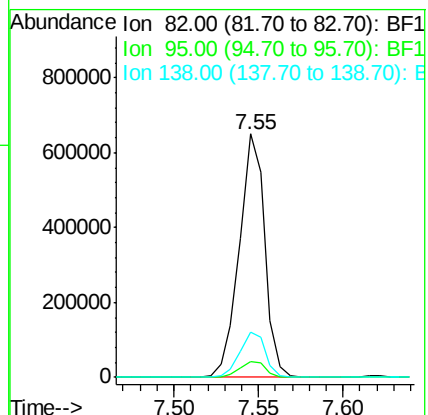
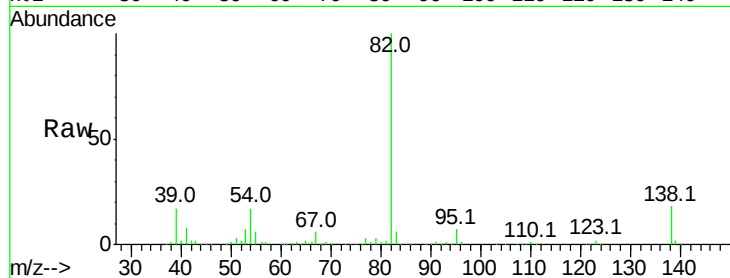
Tot Ion: 82 Resp: 682712

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 50.012 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

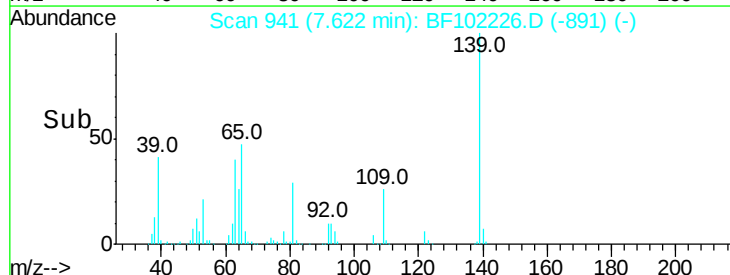
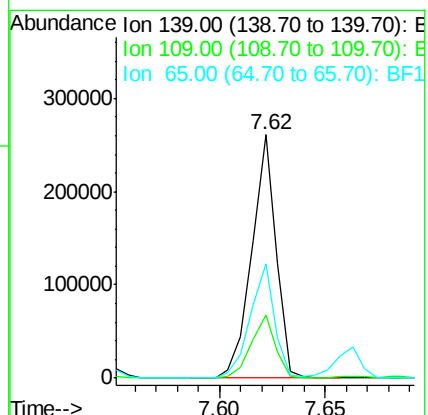
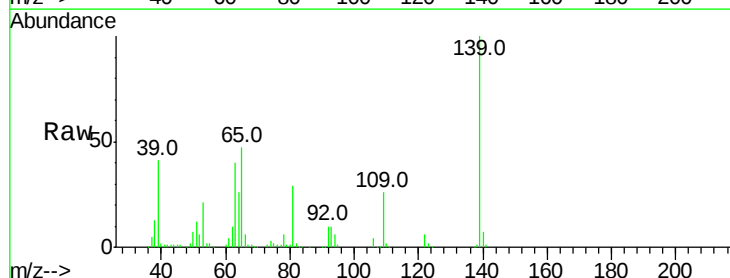
Tgt Ion: 139 Resp: 210112

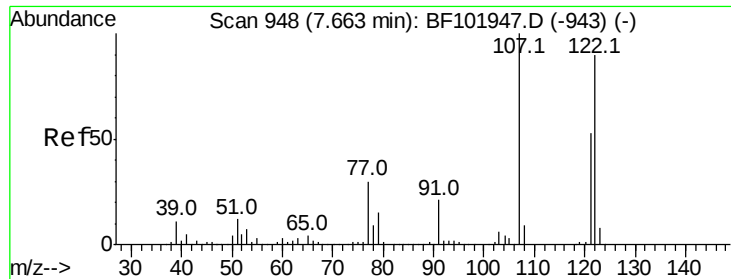
Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

65 46.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.065 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

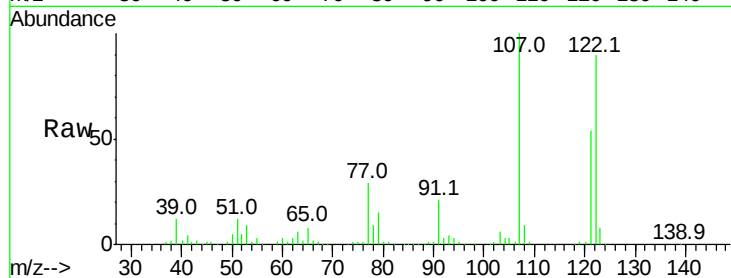
Tot Ion:122 Resp: 298663

Ion Ratio Lower Upper

122 100

107 111.1 91.2 136.8

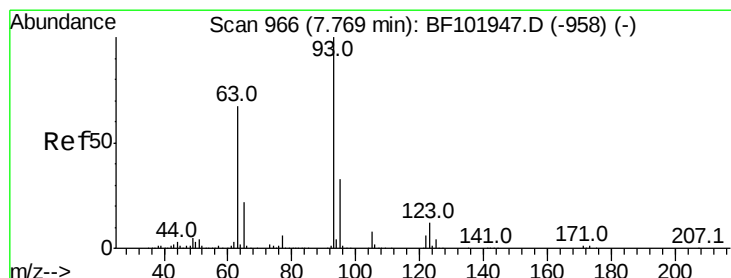
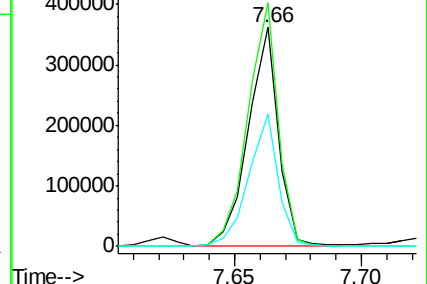
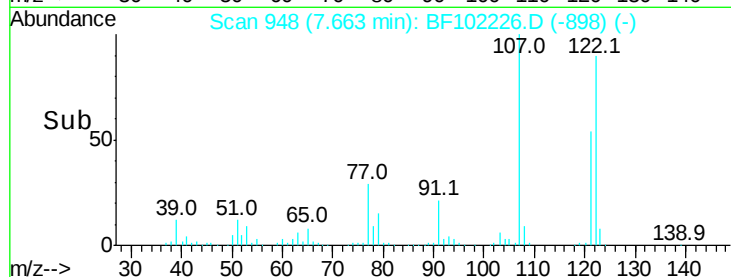
121 60.2 47.2 70.8



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: 37.556 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

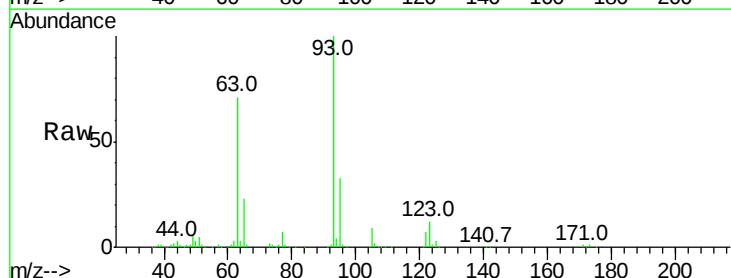
Tgt Ion: 93 Resp: 418549

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

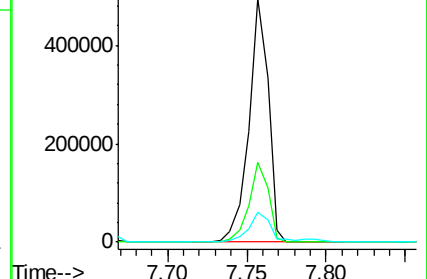
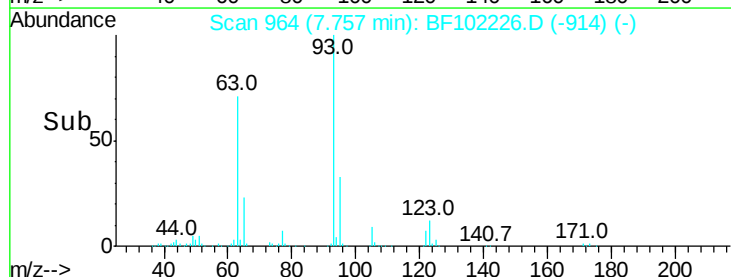
123 12.1 9.8 14.6

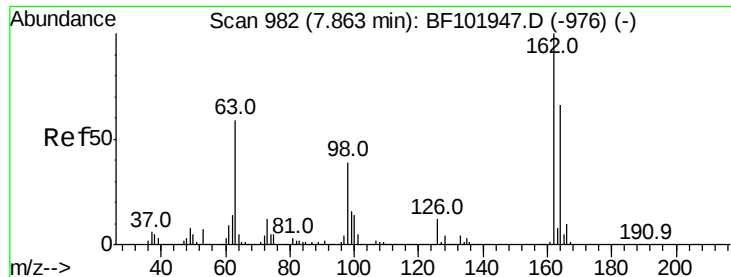


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.010 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

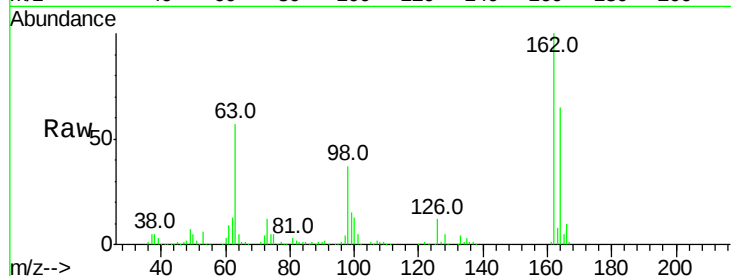
Tot Ion:162 Resp: 305535

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

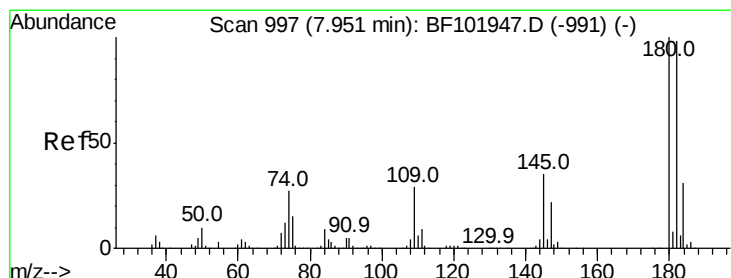
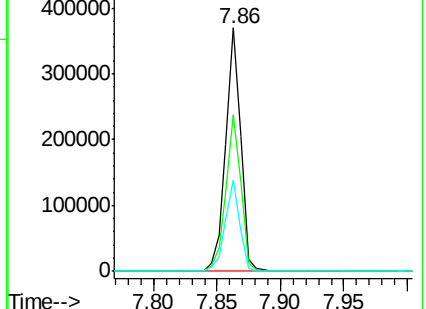
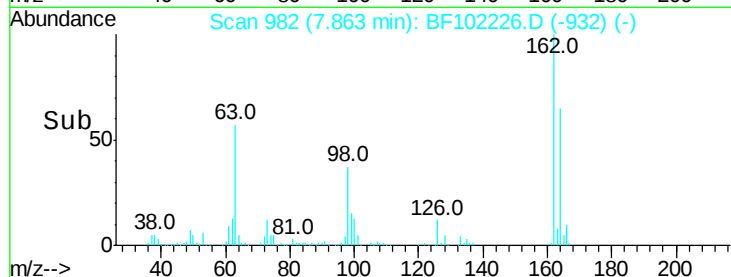
98 37.3 18.1 58.1



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): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.567 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

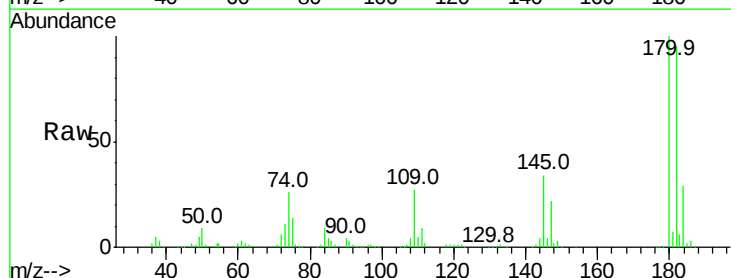
Tgt Ion:180 Resp: 323922

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

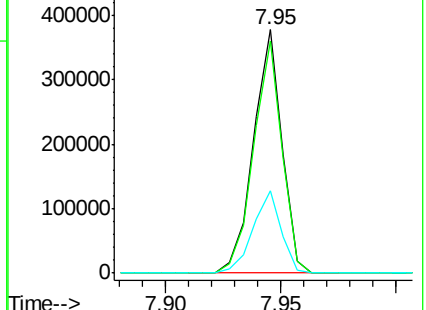
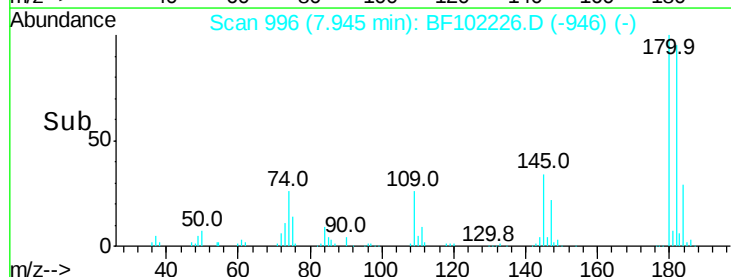
145 34.0 26.5 39.7

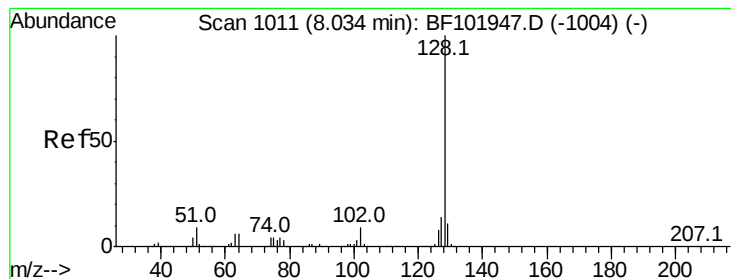


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.910 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

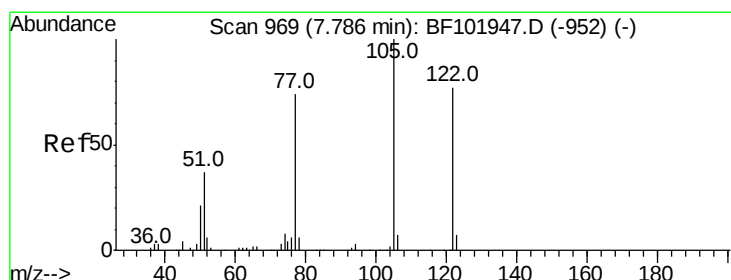
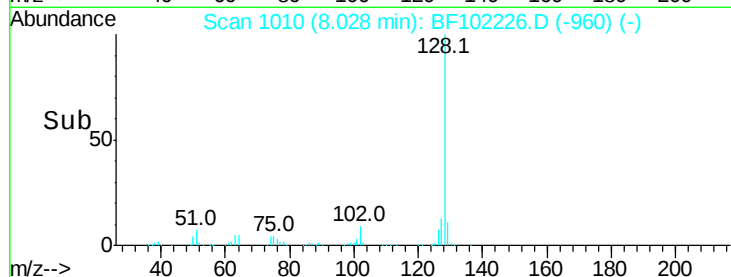
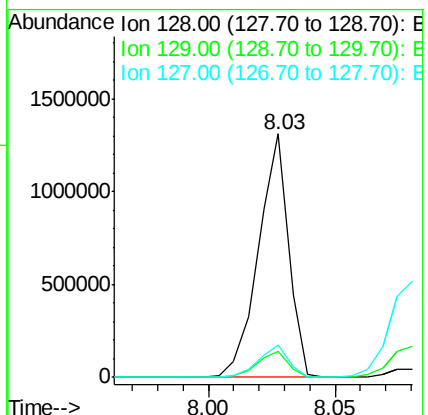
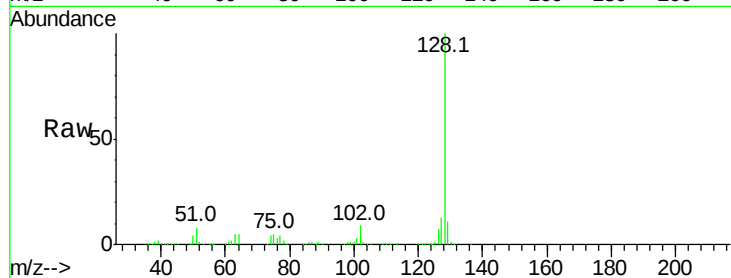
Tot Ion:128 Resp: 1094693

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.3 10.9 16.3



#32

Benzoic acid

Concen: 32.031 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

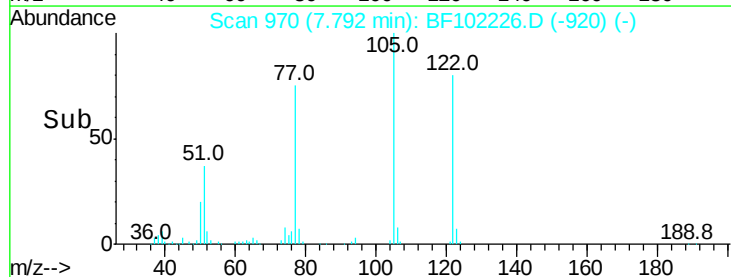
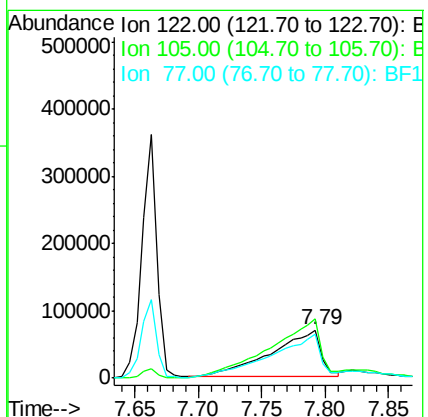
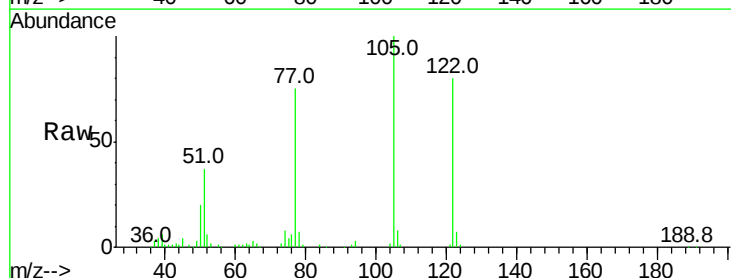
Tgt Ion:122 Resp: 190575

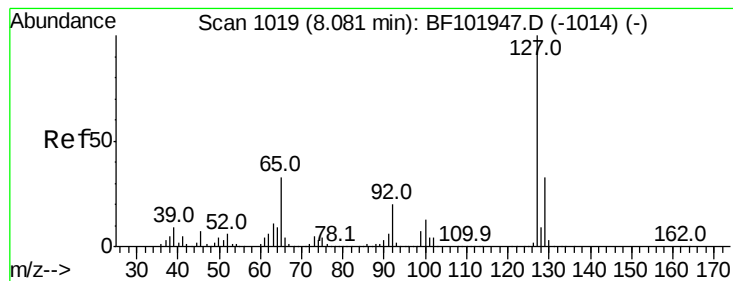
Ion Ratio Lower Upper

122 100

105 124.7 101.1 141.1

77 92.9 70.7 110.7





#33

4-Chloroaniline

Concen: 39.645 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 464134

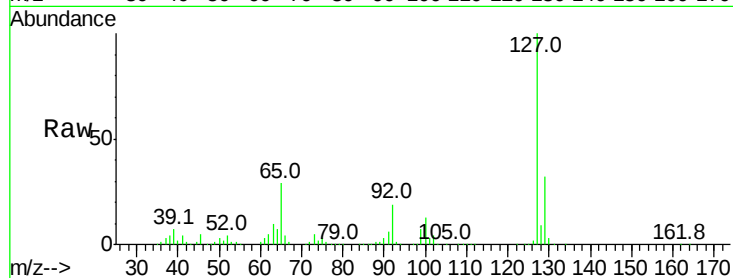
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 28.9 25.0 37.4

92 18.6 15.2 22.8

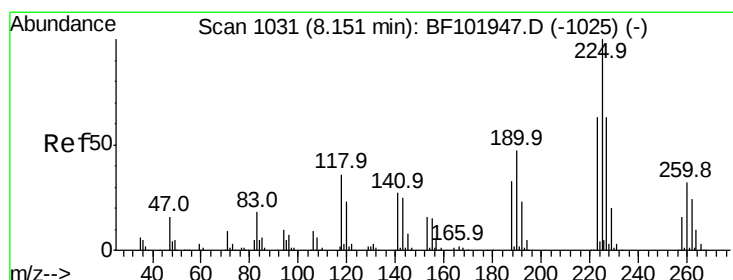
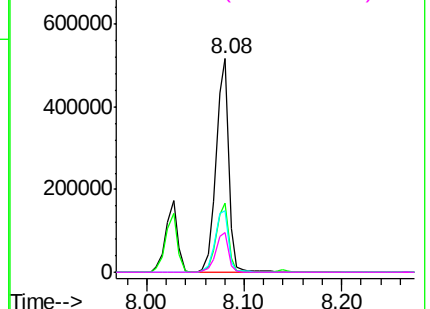
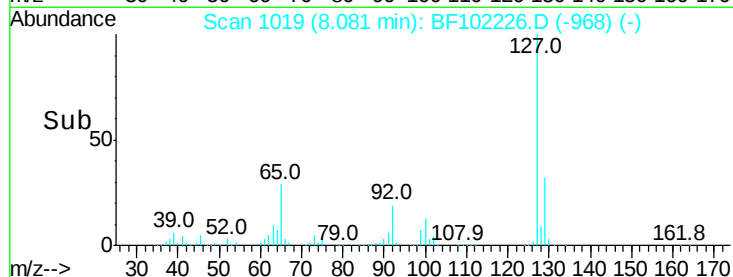


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.850 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

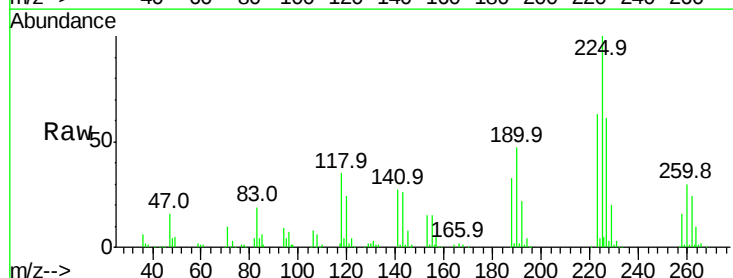
Tgt Ion:225 Resp: 176755

Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

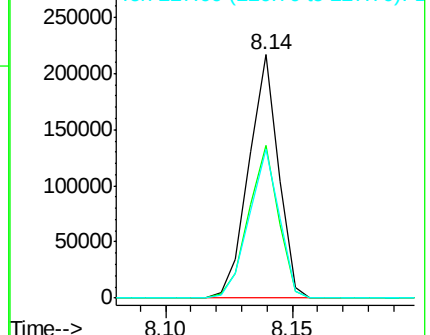
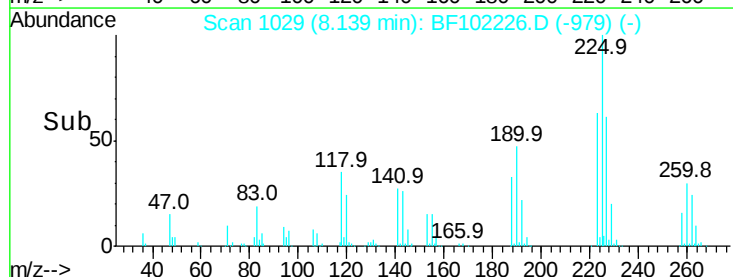
227 61.3 51.9 77.9

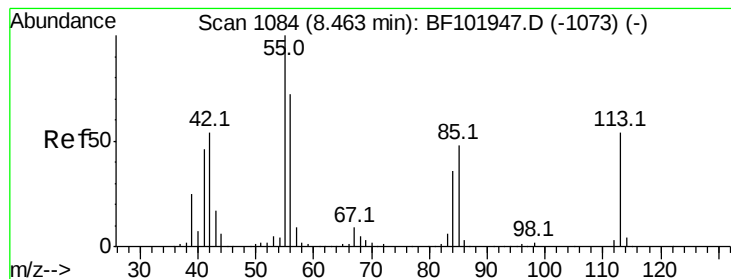


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.964 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

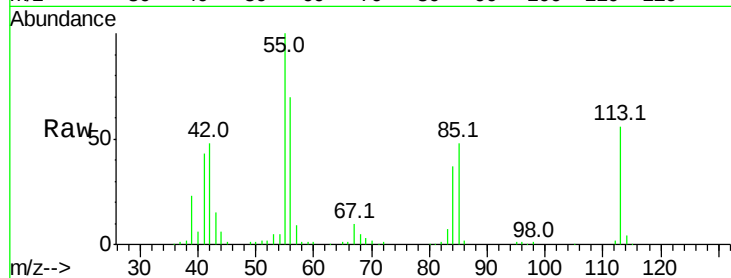
Tot Ion:113 Resp: 97100

Ion Ratio Lower Upper

113 100

55 179.1 163.3 203.3

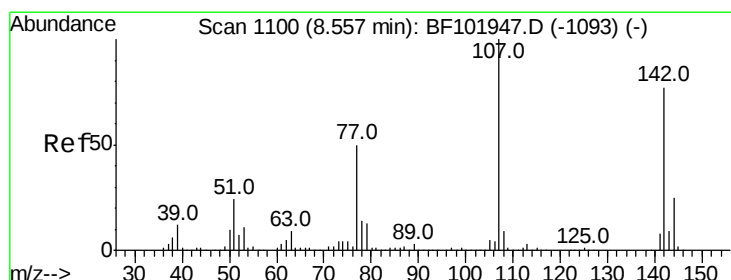
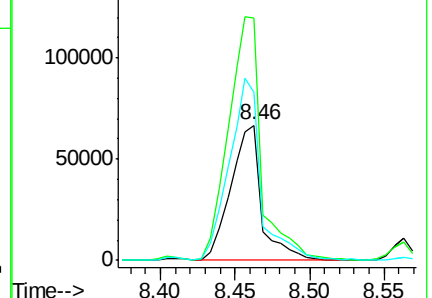
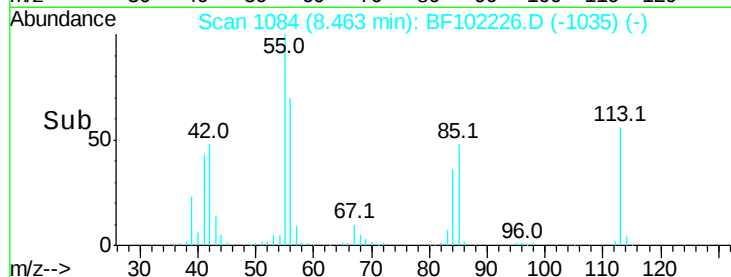
56 124.6 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.634 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

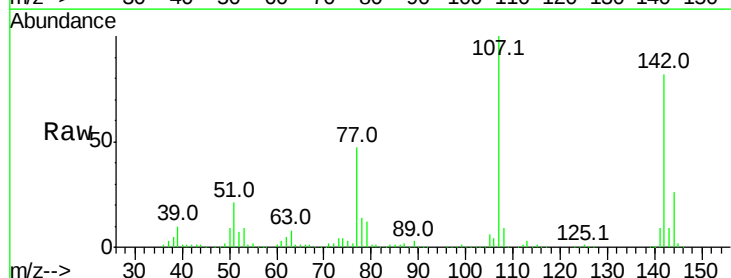
Tgt Ion:107 Resp: 315067

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

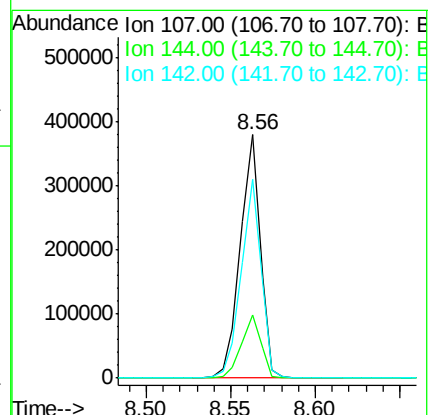
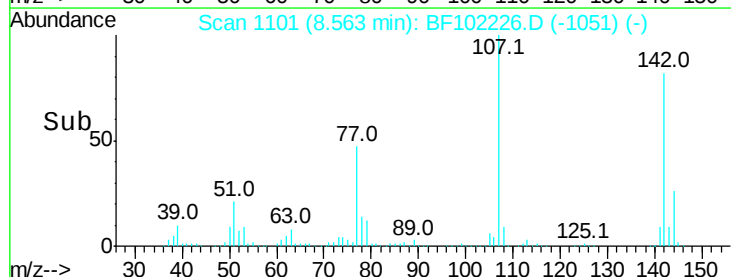
142 81.6 62.0 93.0

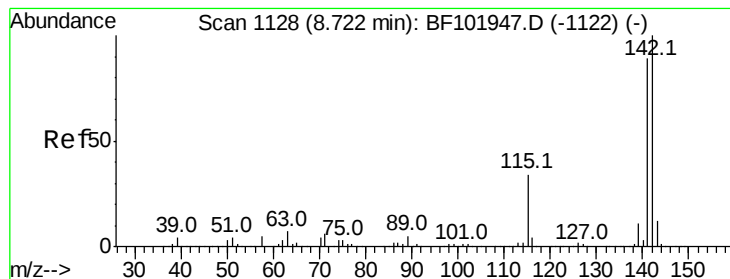


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.881 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

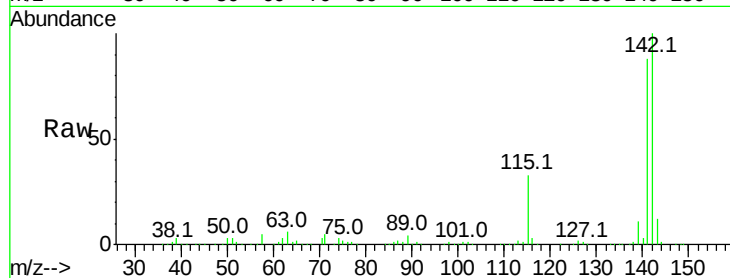
Tot Ion:142 Resp: 720147

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

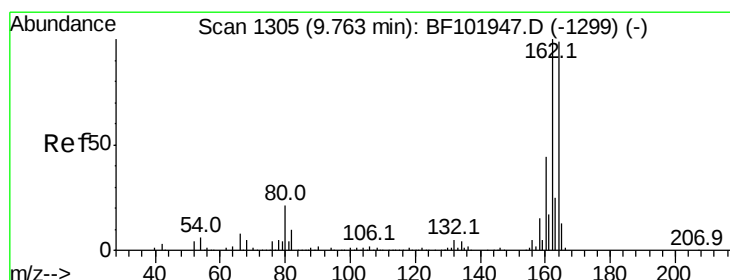
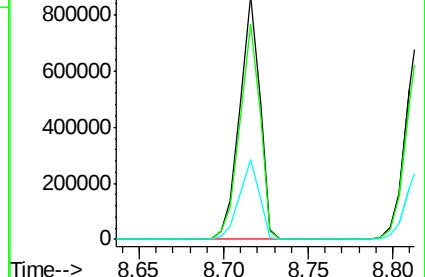
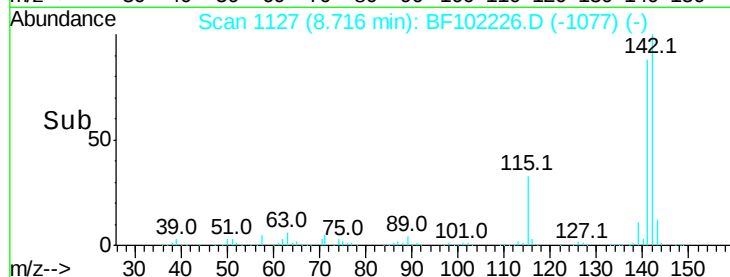
115 32.9 26.1 39.1



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: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

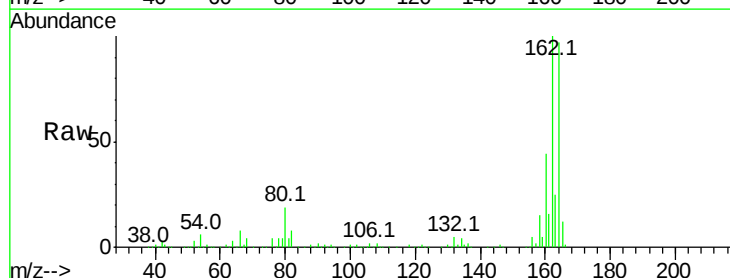
Tgt Ion:164 Resp: 245586

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

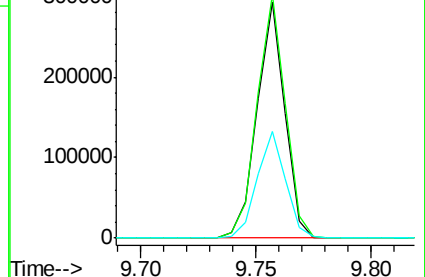
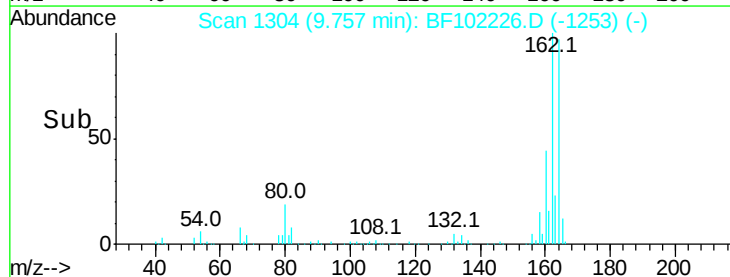
160 44.9 38.3 57.5

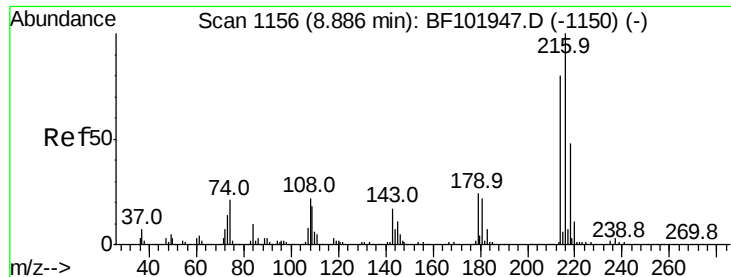


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.466 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 295044

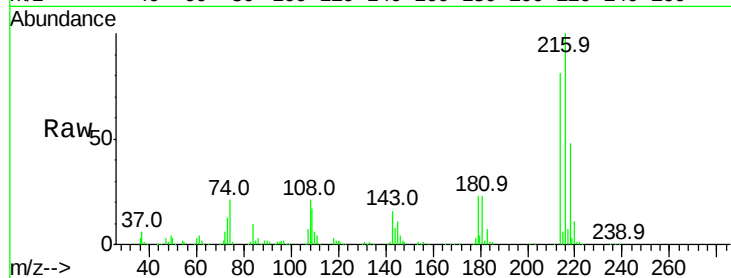
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 23.0 18.1 27.1

108 21.8 17.2 25.8

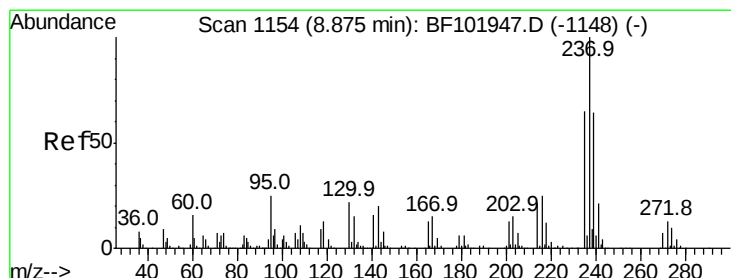
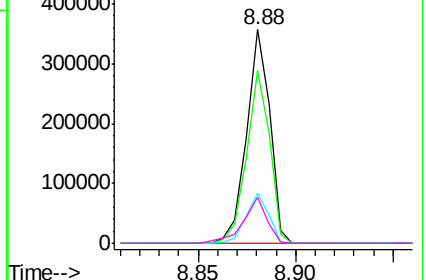
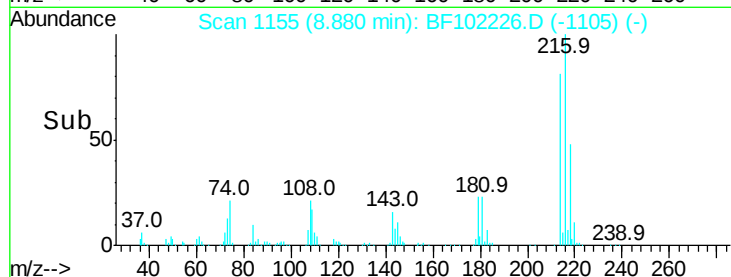


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.902 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

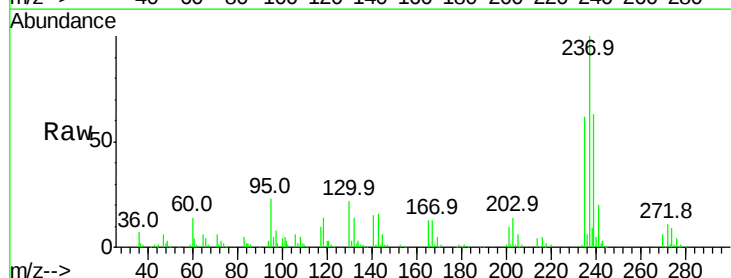
Tgt Ion:237 Resp: 151614

Ion Ratio Lower Upper

237 100

235 62.1 44.8 84.8

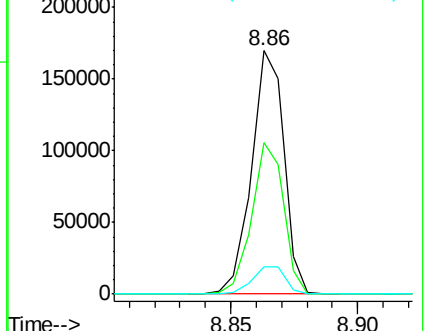
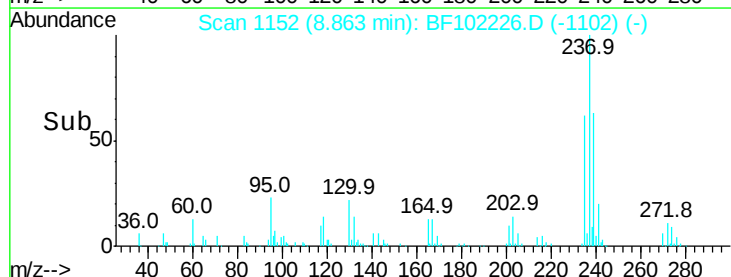
272 11.3 0.0 33.3

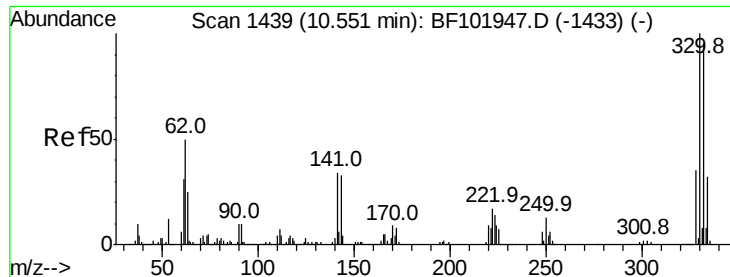


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

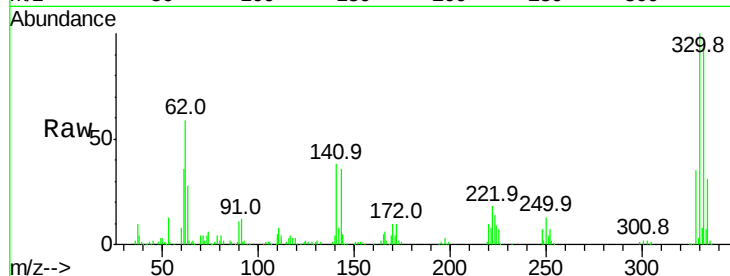




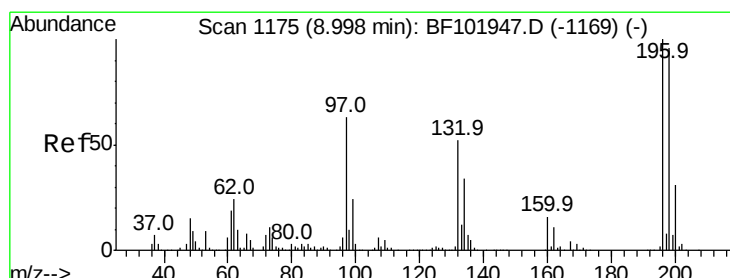
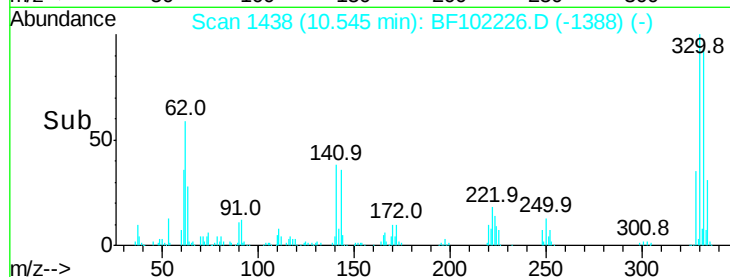
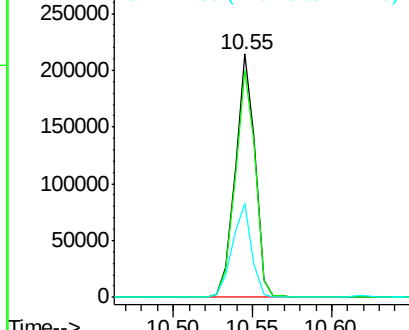
#41
 2,4,6-Tribromophenol
 Concen: 85.833 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 183958
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.9 29.9 44.9

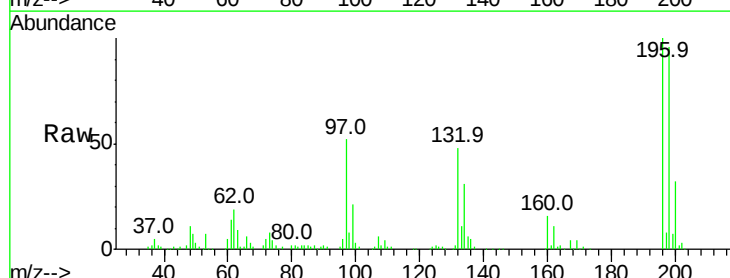


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

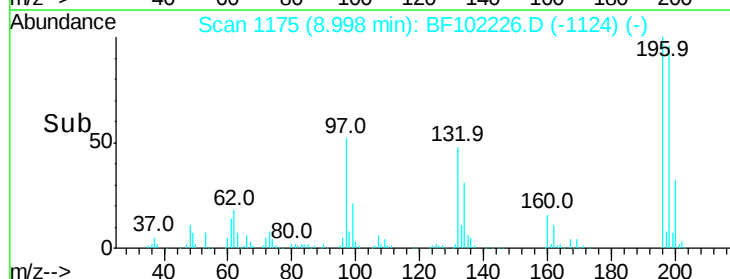
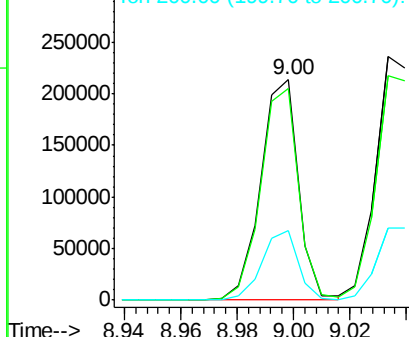


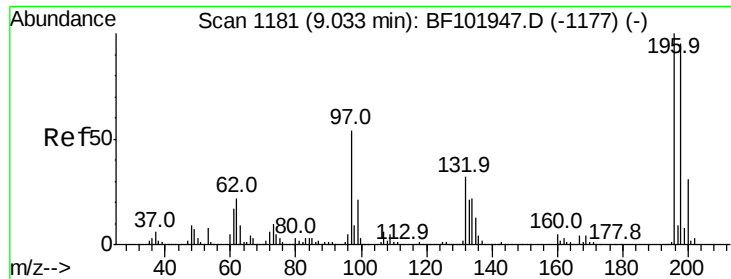
#42
 2,4,6-Trichlorophenol
 Concen: 41.332 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

Tgt Ion:196 Resp: 197889
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 31.6 24.5 36.7



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

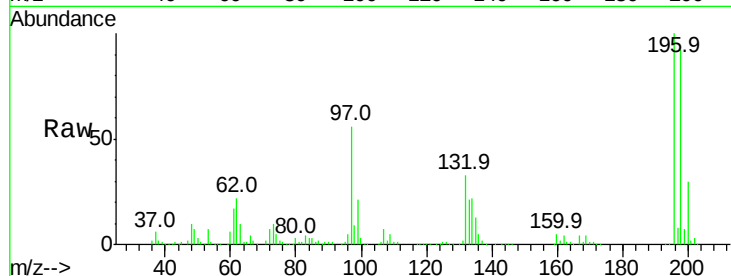




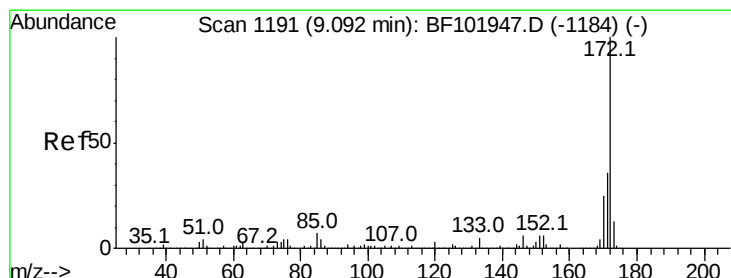
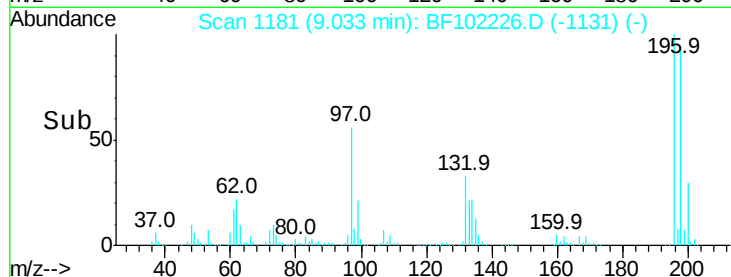
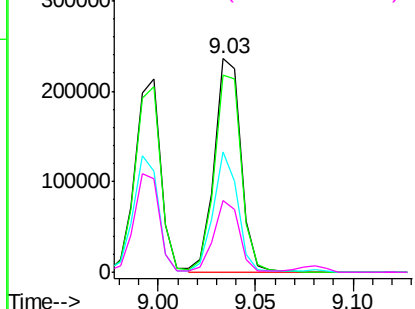
#43
2,4,5-Trichlorophenol
Concen: 41.204 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:196 Resp: 222972
Ion Ratio Lower Upper
196 100
198 92.3 74.6 112.0
97 56.1 42.9 64.3
132 33.3 26.3 39.5

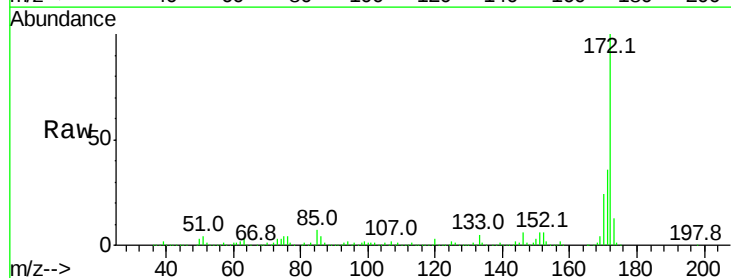


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

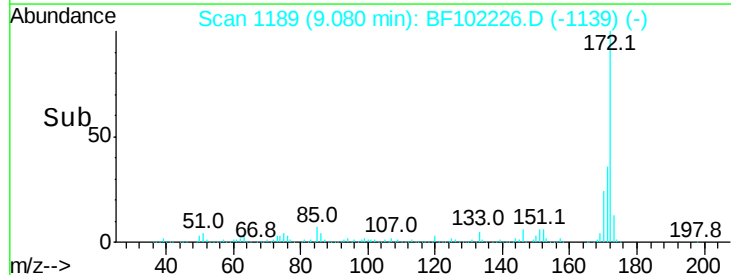
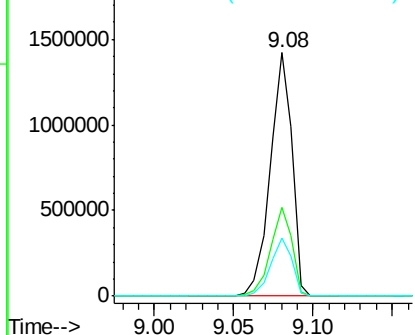


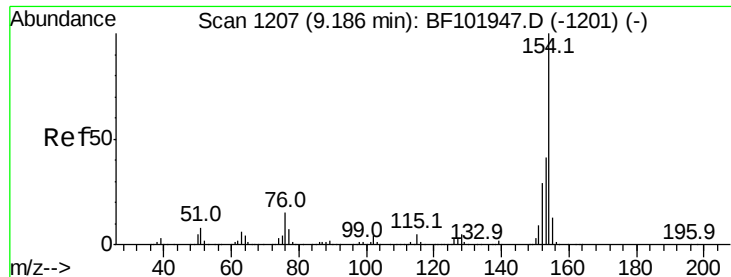
#44
2-Fluorobiphenyl
Concen: 87.101 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:172 Resp: 1369218
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.9 19.6 29.4



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: 39.777 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

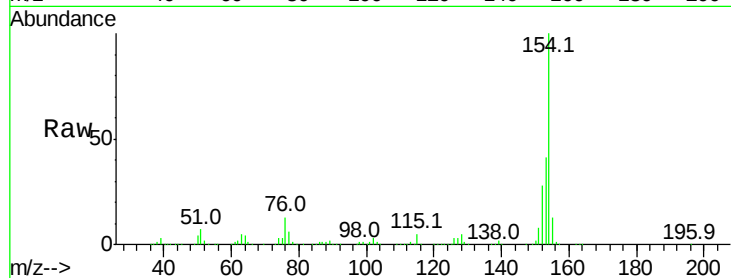
Tot Ion:154 Resp: 863441

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

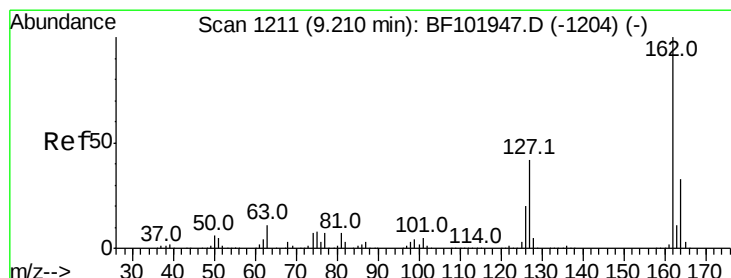
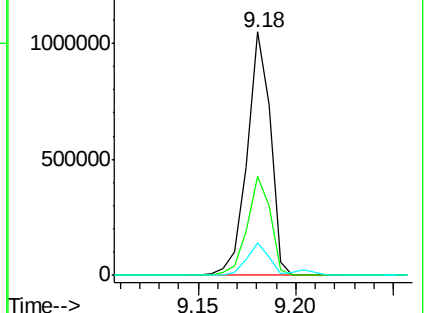
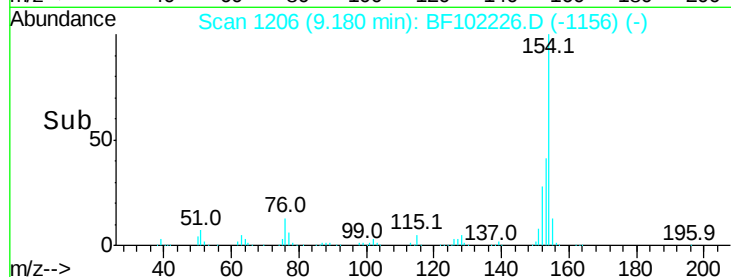
76 13.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.436 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

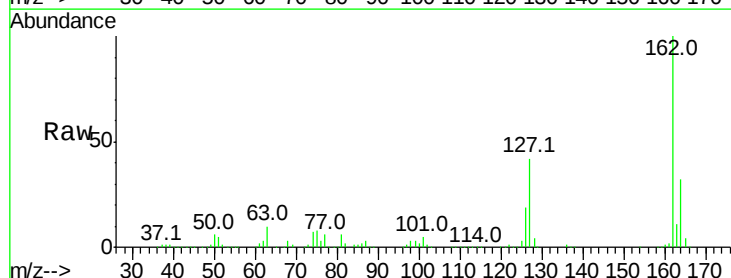
Tgt Ion:162 Resp: 680654

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

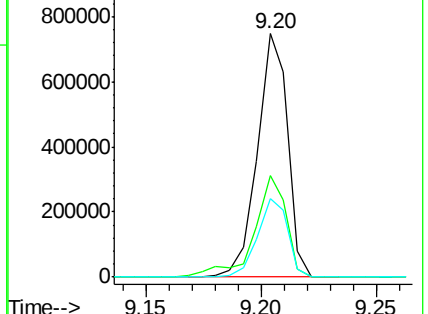
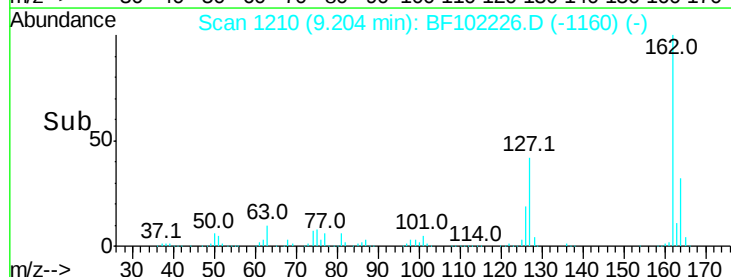
164 32.2 26.5 39.7

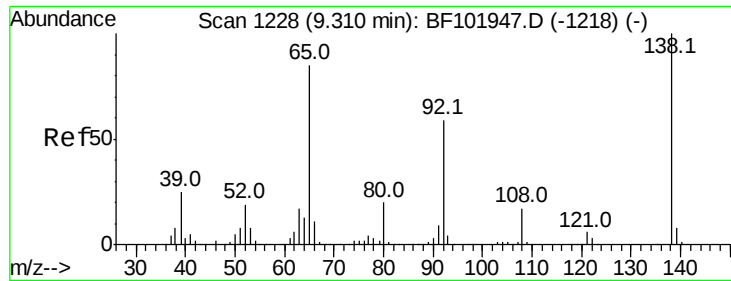


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

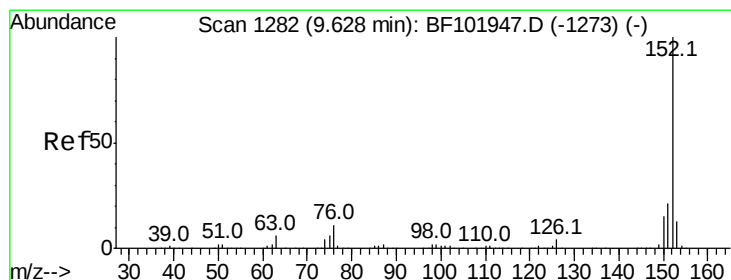
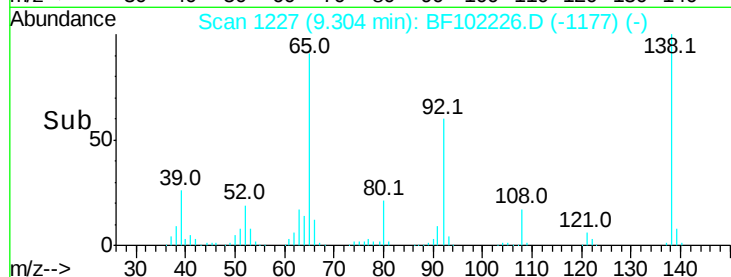
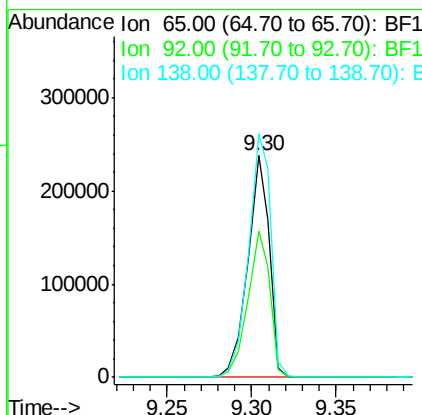
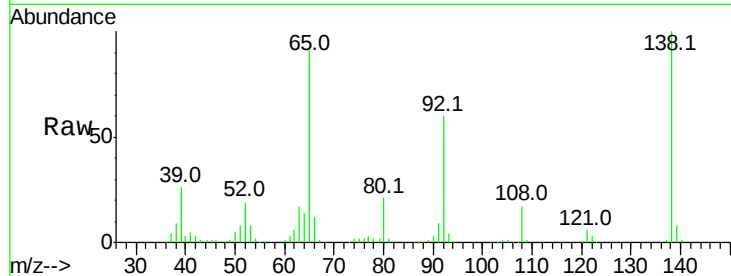




#47
2-Nitroaniline
Concen: 42.226 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

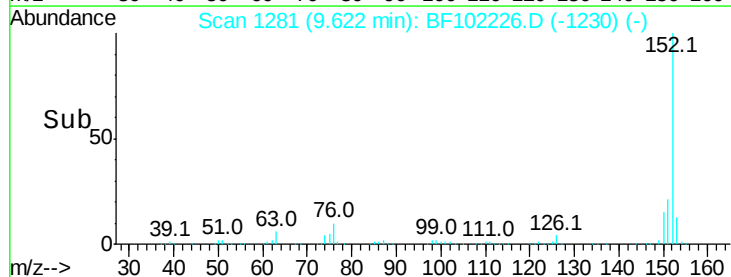
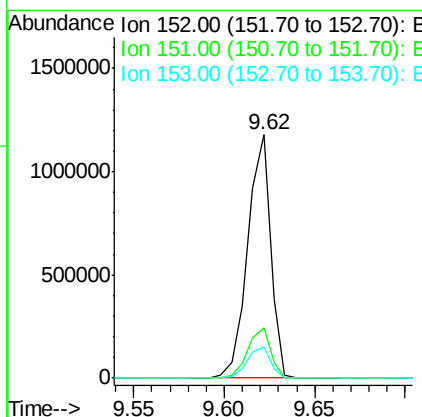
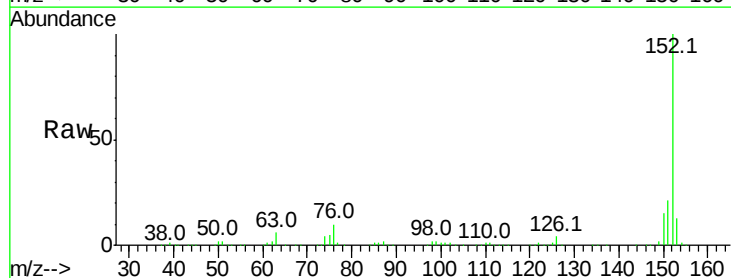
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

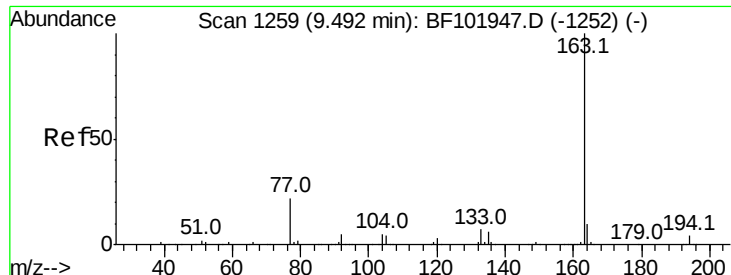
Tot Ion: 65 Resp: 212916
Ion Ratio Lower Upper
65 100
92 66.1 55.8 83.6
138 109.8 91.2 136.8



#48
Acenaphthylene
Concen: 38.809 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:152 Resp: 1036731
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.0 10.7 16.1

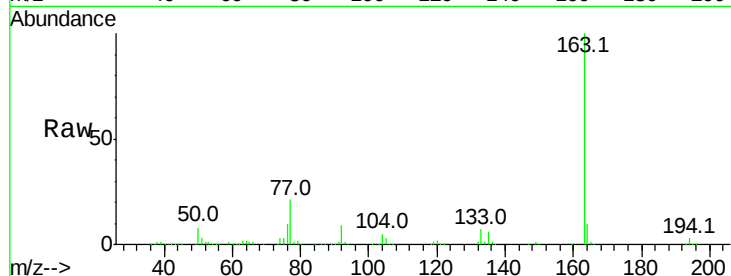




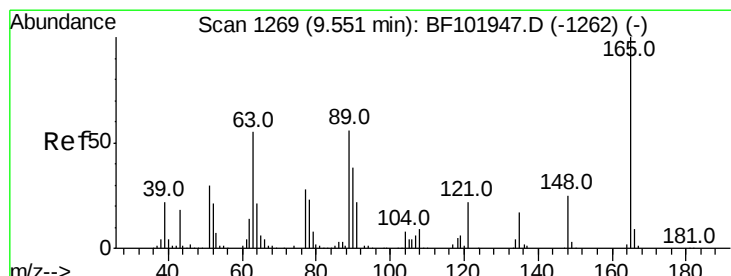
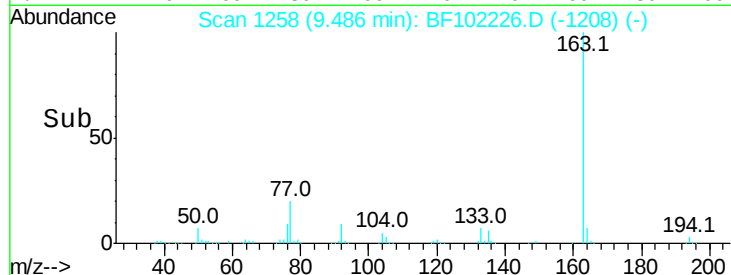
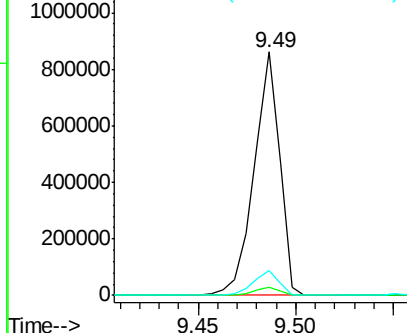
#49
Dimethylphthalate
Concen: 39.570 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 779578
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

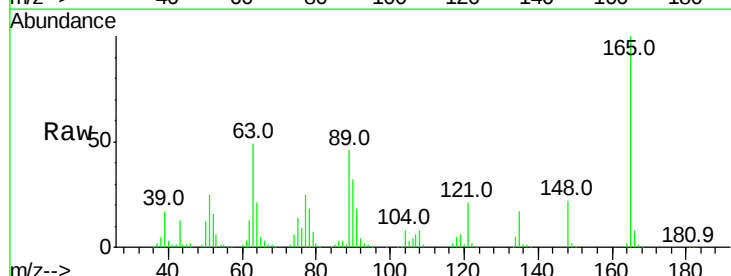


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

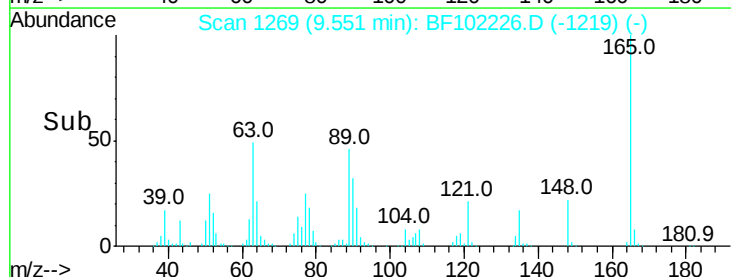
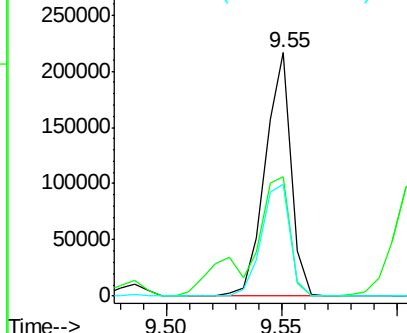


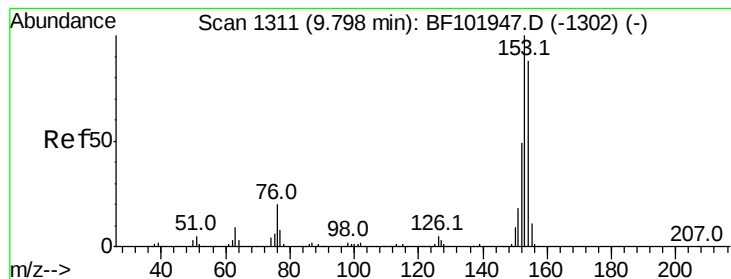
#50
2,6-Dinitrotoluene
Concen: 42.803 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:165 Resp: 168445
Ion Ratio Lower Upper
165 100
63 48.9 44.7 67.1
89 46.0 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.102 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

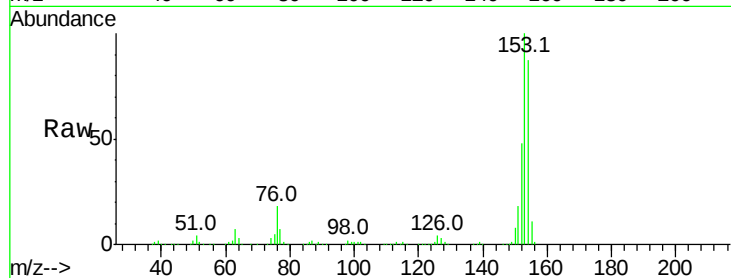
Tot Ion:154 Resp: 601569

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

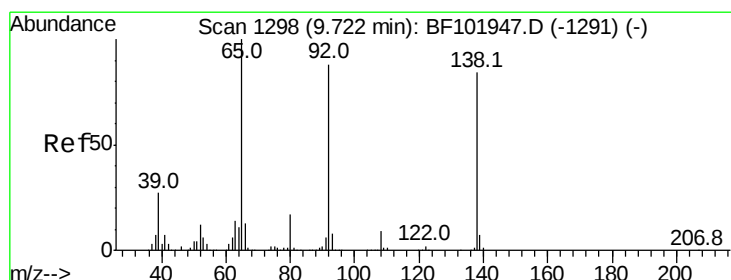
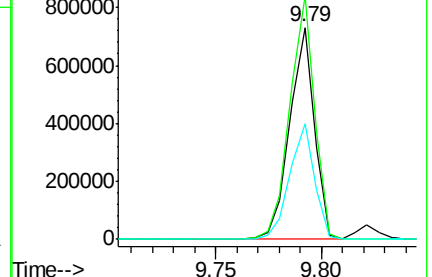
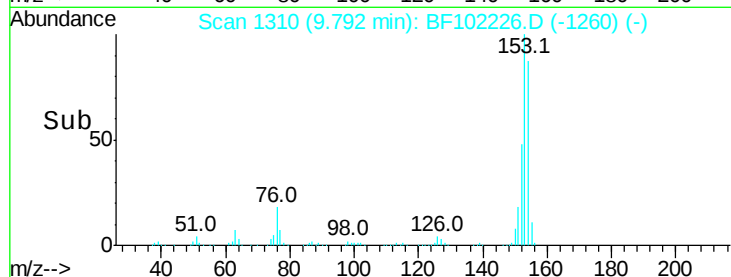
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.605 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

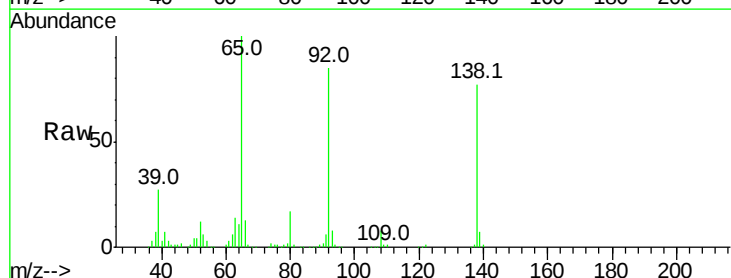
Tgt Ion:138 Resp: 196705

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

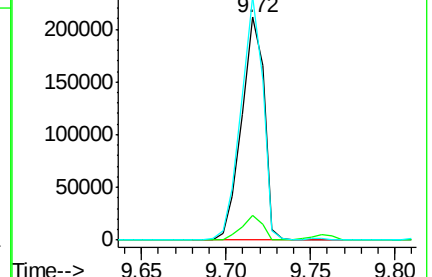
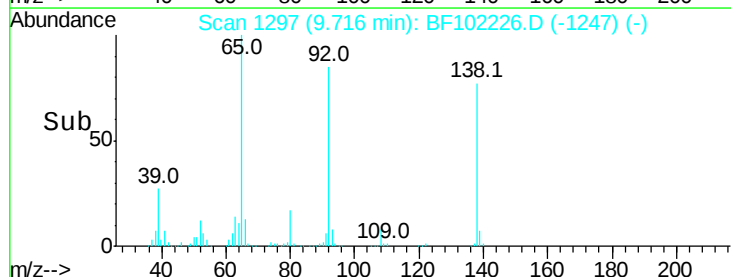
92 109.3 89.4 134.2

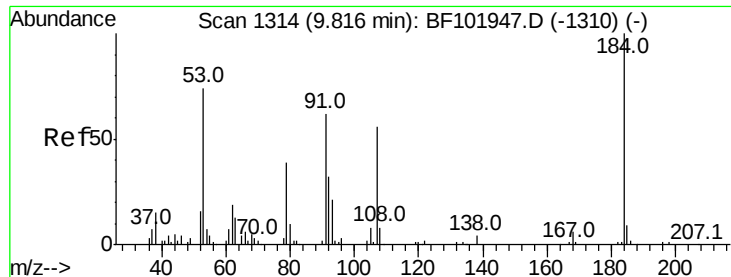


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

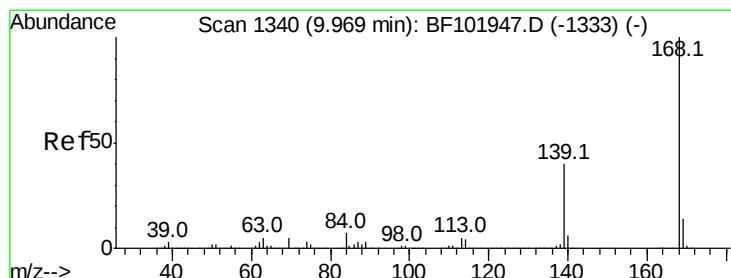
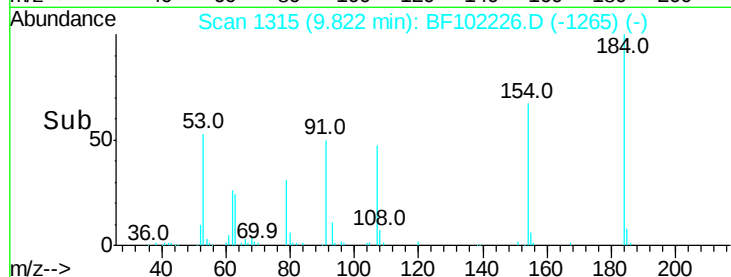
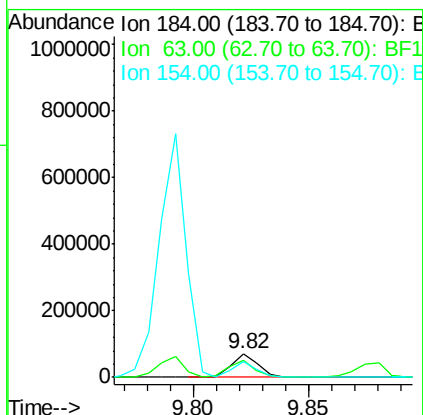
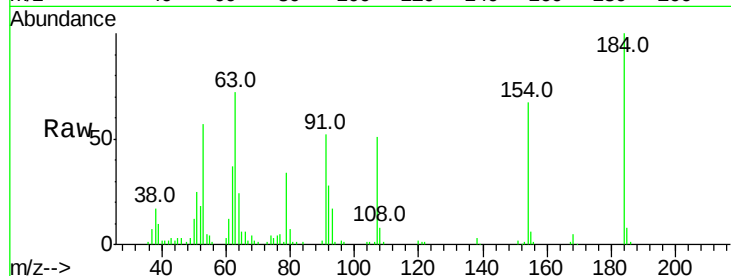




#53
2,4-Dinitrophenol
Concen: 43.369 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

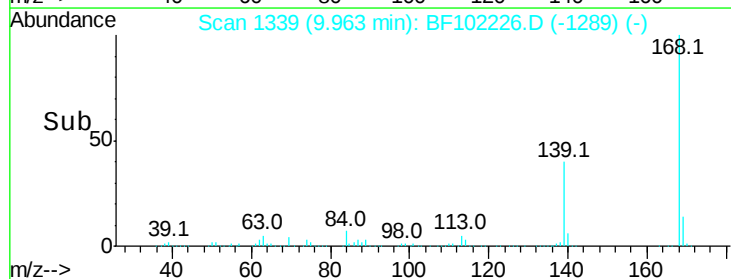
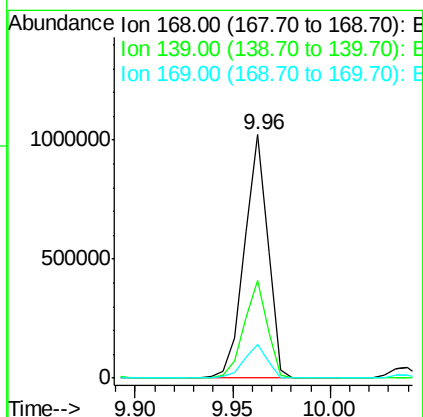
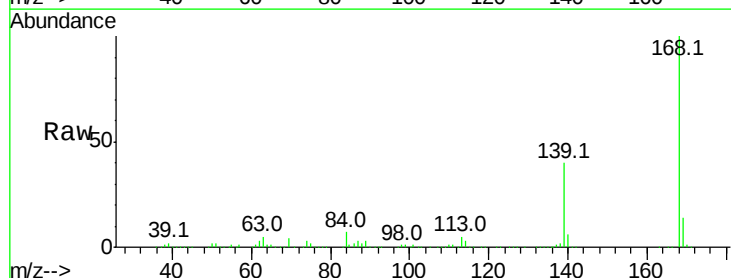
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

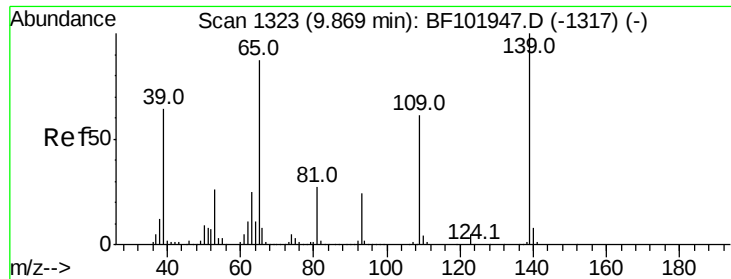
Tot Ion:184 Resp: 58538
Ion Ratio Lower Upper
184 100
63 72.1 54.2 81.2
154 67.1 184.0 276.0#



#54
Dibenzofuran
Concen: 38.149 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:168 Resp: 848919
Ion Ratio Lower Upper
168 100
139 40.1 30.1 45.1
169 13.7 10.9 16.3

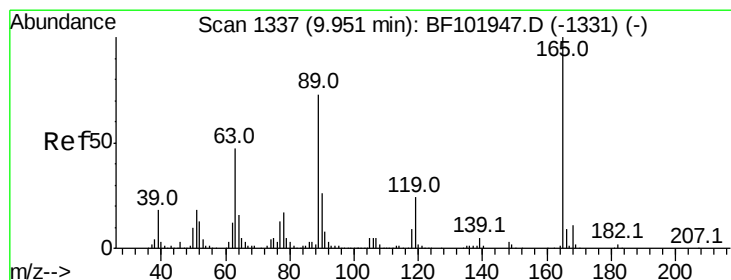
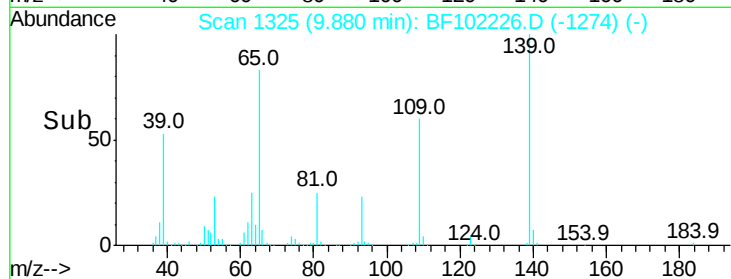
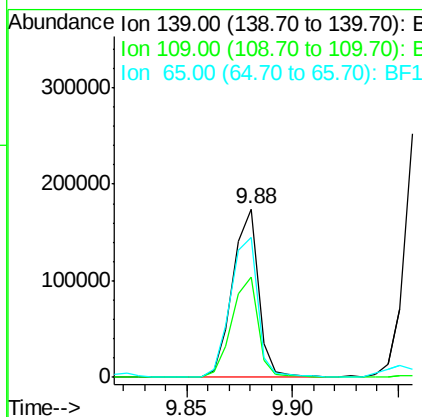
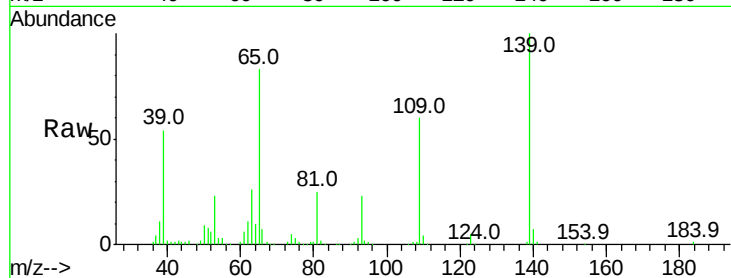




#55
4-Nitrophenol
Concen: 39.981 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

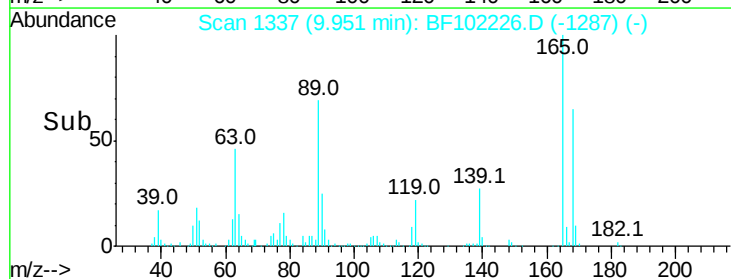
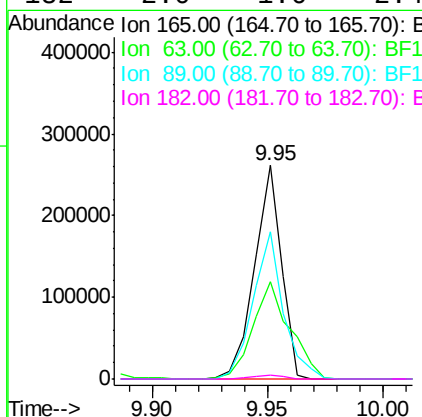
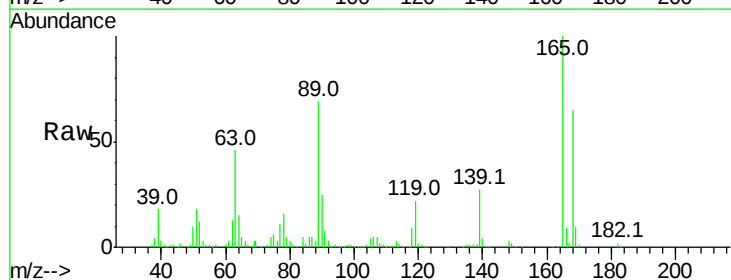
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

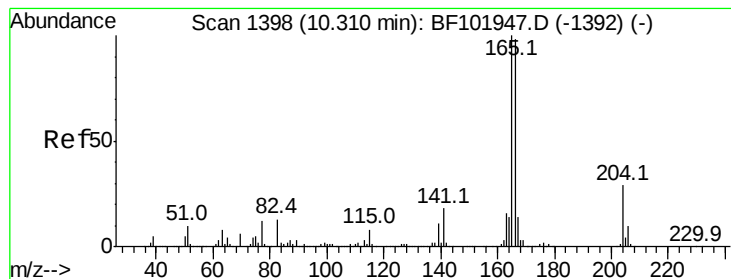
Tot Ion:139 Resp: 147980
Ion Ratio Lower Upper
139 100
109 59.9 48.4 88.4
65 83.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.288 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:165 Resp: 213518
Ion Ratio Lower Upper
165 100
63 45.6 36.4 54.6
89 68.7 57.8 86.6
182 2.0 1.6 2.4





#57

Fluorene

Concen: 43.170 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

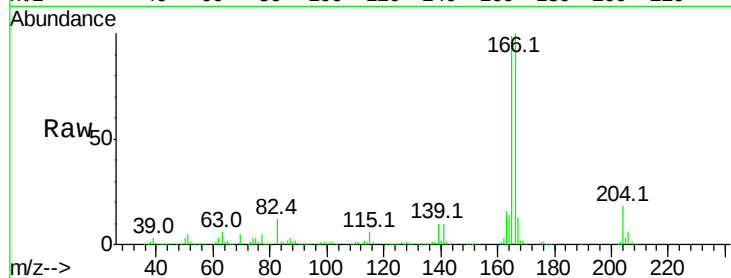
Tot Ion:166 Resp: 664097

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

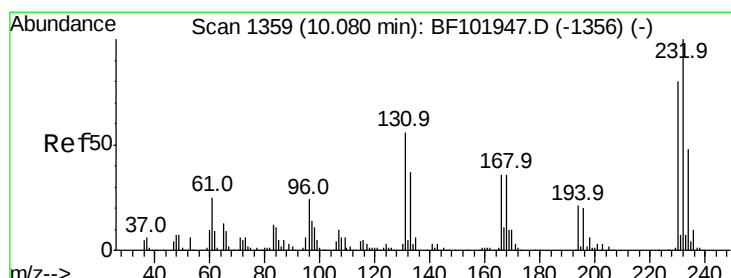
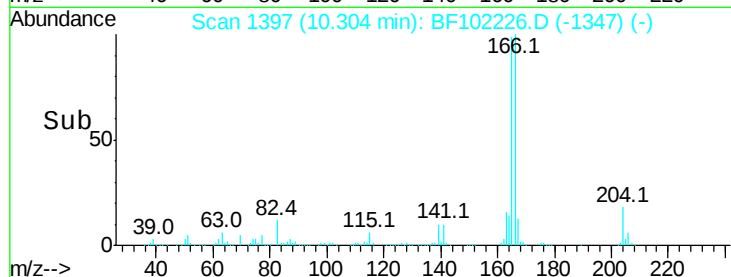
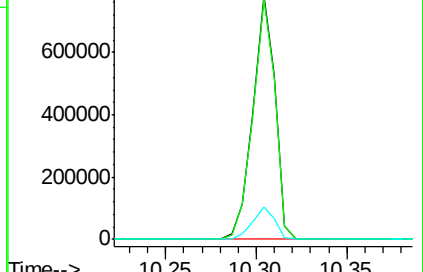
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.893 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Tgt Ion:232 Resp: 149838

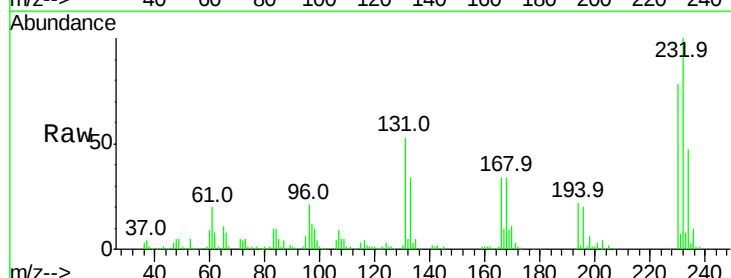
Ion Ratio Lower Upper

232 100

131 52.3 43.8 65.8

130 2.4 2.1 3.1

166 35.8 27.8 41.6

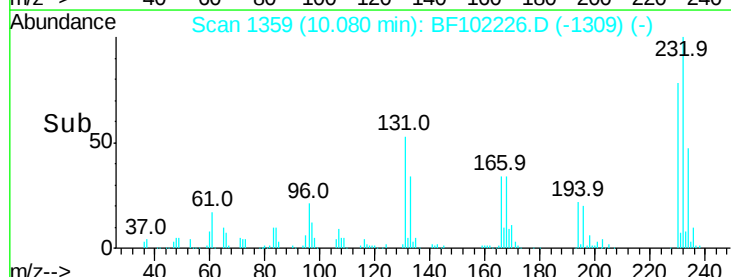
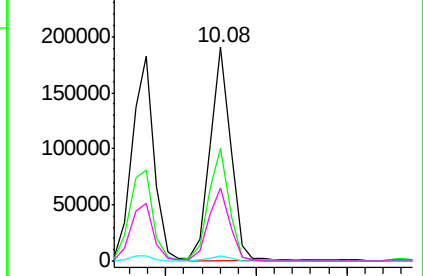


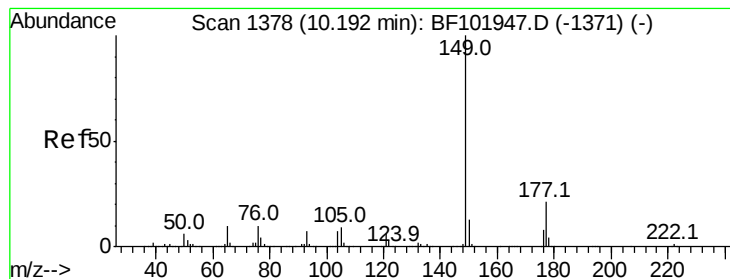
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.721 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

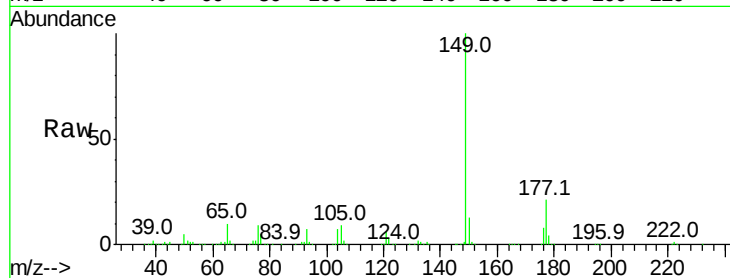
Tot Ion:149 Resp: 739233

Ion Ratio Lower Upper

149 100

177 20.9 16.1 24.1

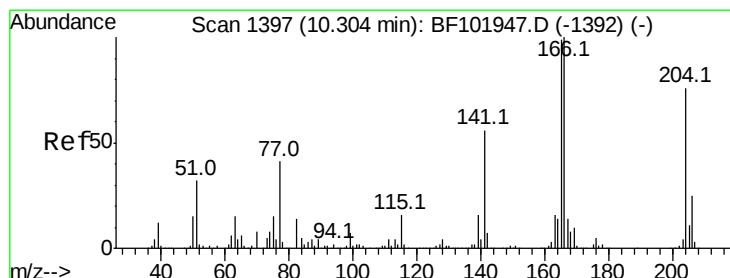
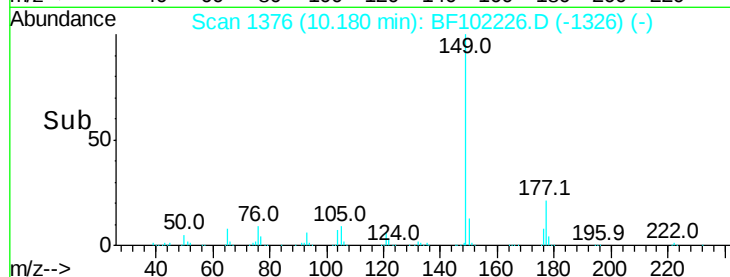
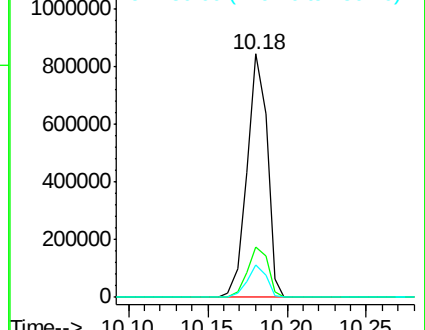
150 13.1 10.1 15.1



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: 43.761 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

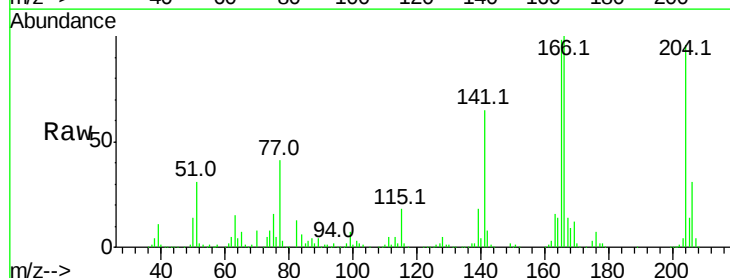
Tgt Ion:204 Resp: 286650

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

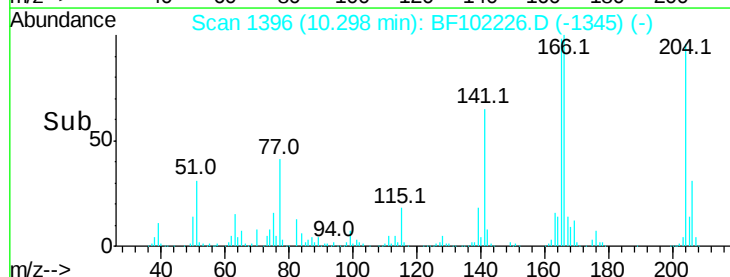
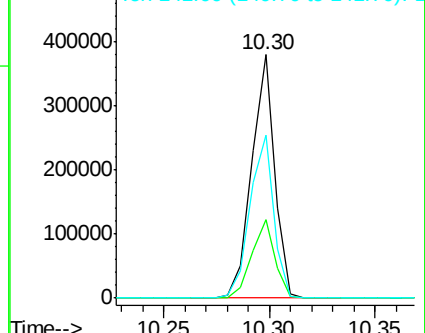
141 67.1 54.6 81.8

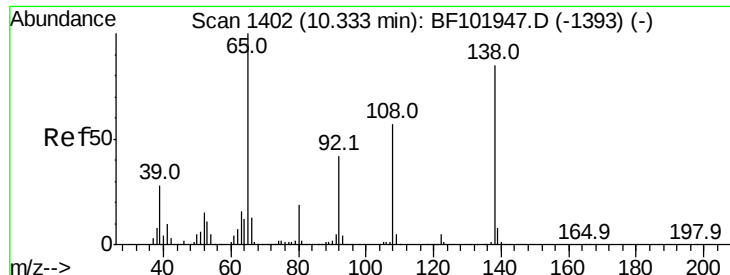


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

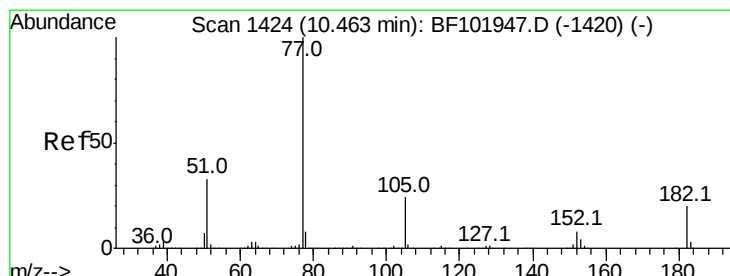
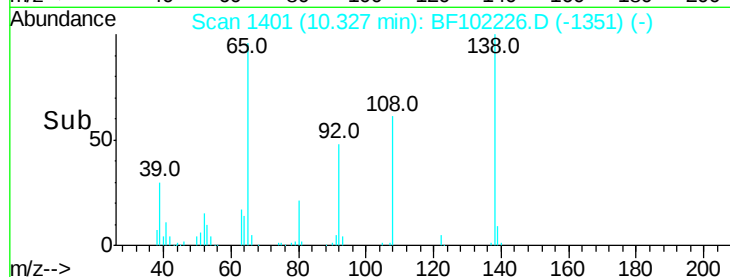
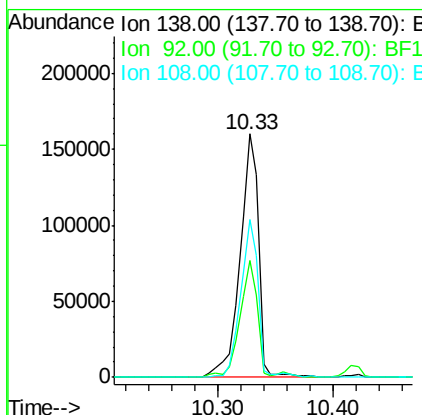
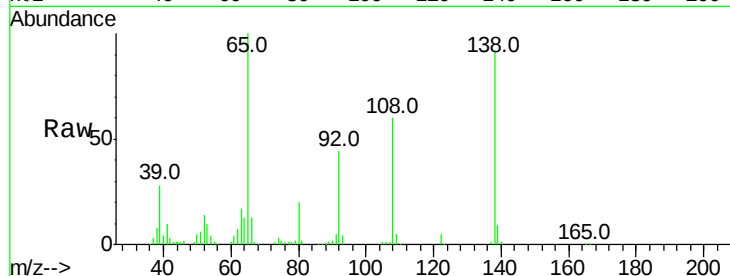




#61
4-Nitroaniline
Concen: 37.676 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

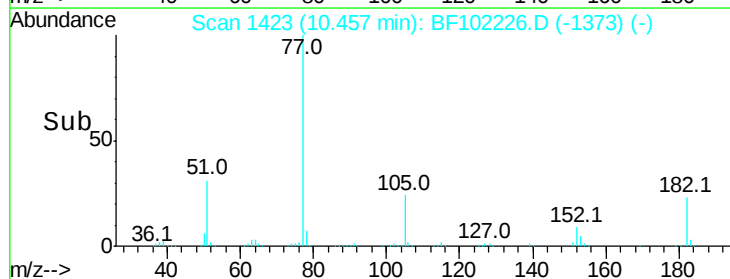
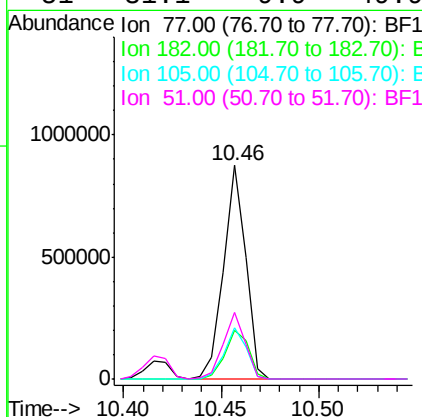
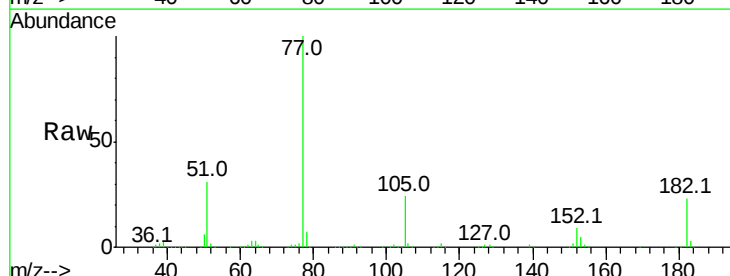
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

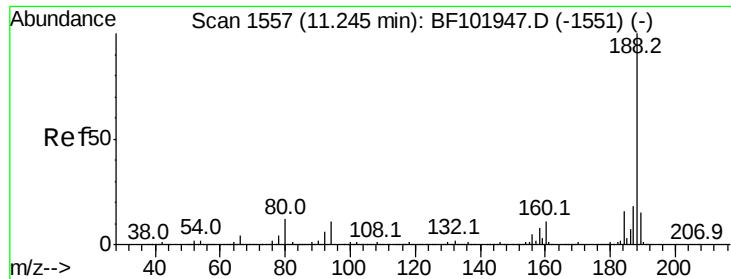
Tot Ion:138 Resp: 177585
Ion Ratio Lower Upper
138 100
92 47.9 30.2 70.2
108 65.0 52.5 92.5



#62
Azobenzene
Concen: 35.267 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion: 77 Resp: 687623
Ion Ratio Lower Upper
77 100
182 22.7 1.7 41.7
105 23.8 3.0 43.0
51 31.1 9.9 49.9

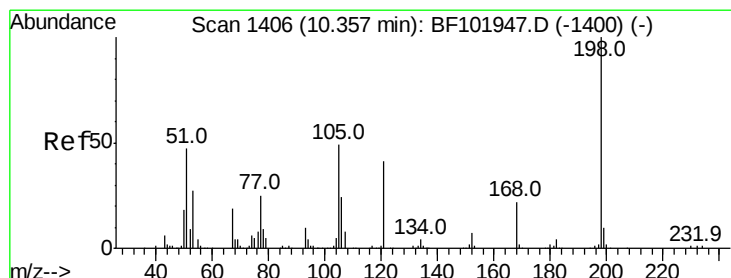
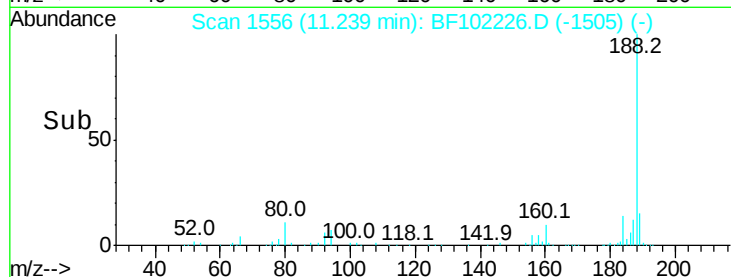
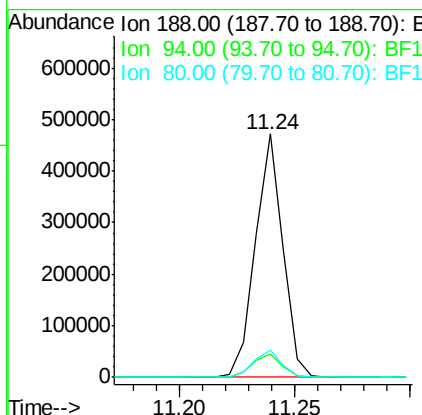
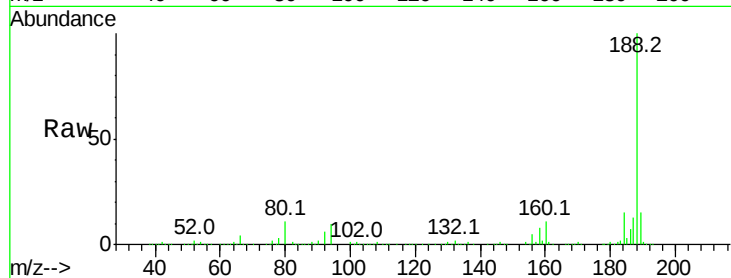




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

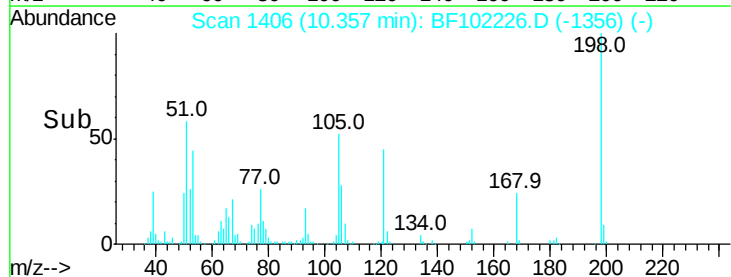
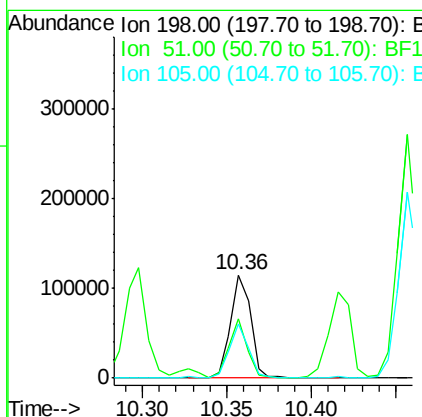
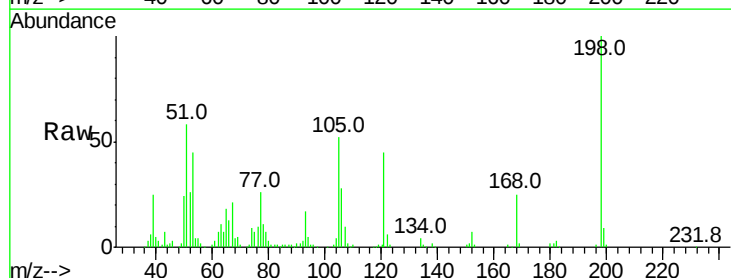
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

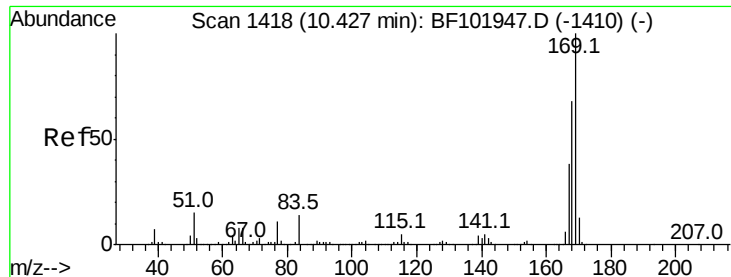
Tot Ion:188 Resp: 393148
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 45.007 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:198 Resp: 95245
Ion Ratio Lower Upper
198 100
51 58.0 37.7 77.7
105 52.2 36.3 76.3

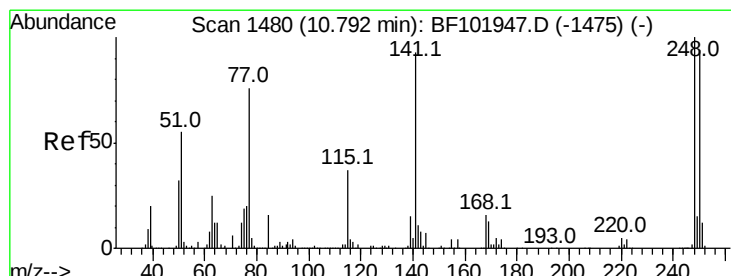
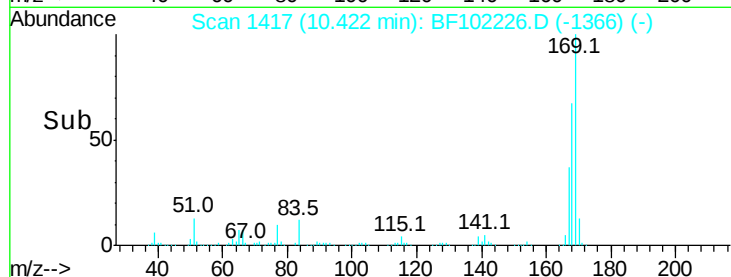
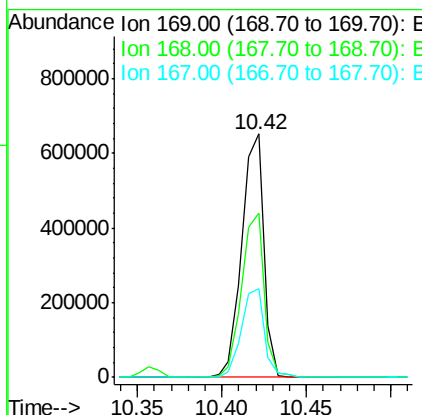
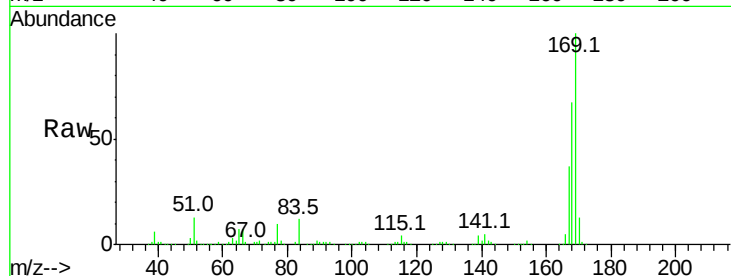




#65
 n-Nitrosodiphenylamine
 Concen: 40.482 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

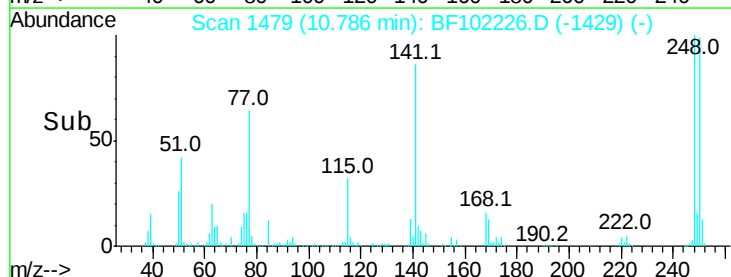
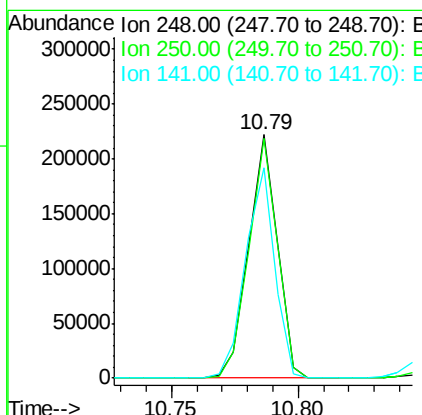
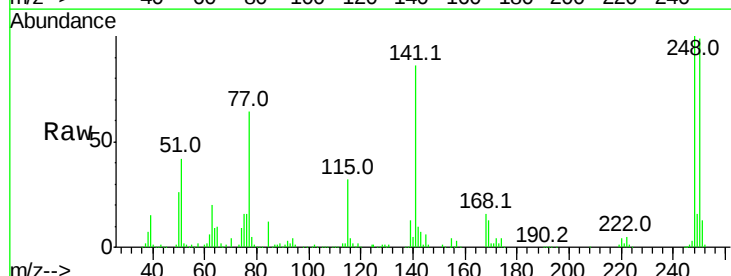
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

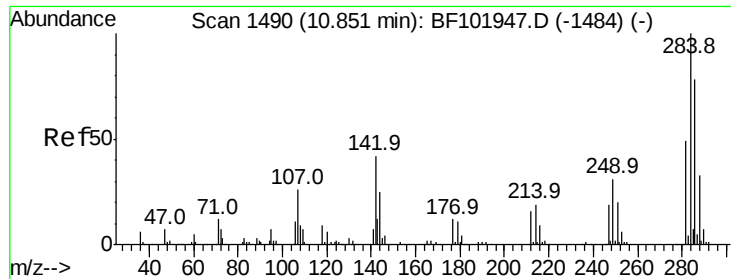
Tot Ion:169 Resp: 595970
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.326 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

Tgt Ion:248 Resp: 175730
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.9 115.3
 141 86.2 74.4 111.6

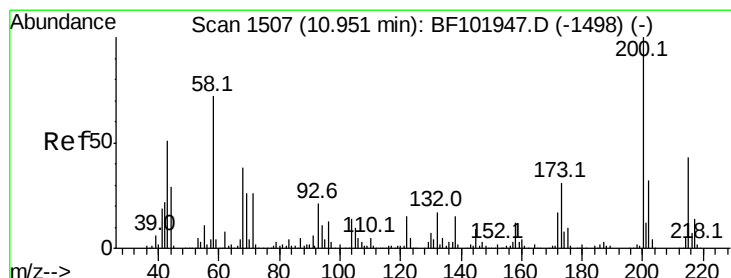
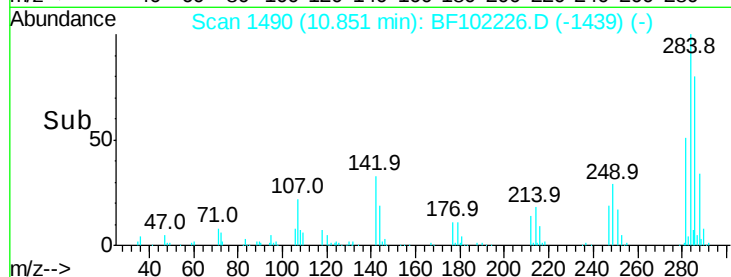
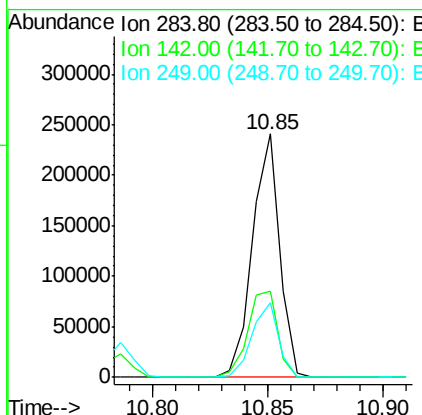
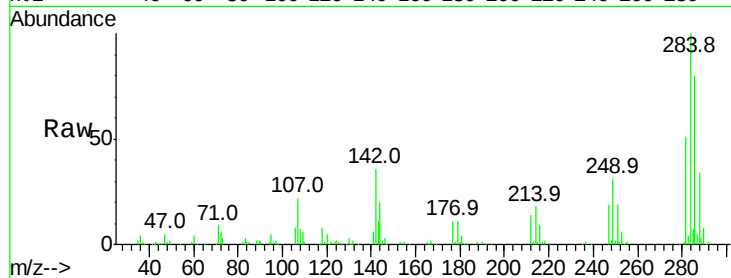




#67
Hexachlorobenzene
Concen: 43.730 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

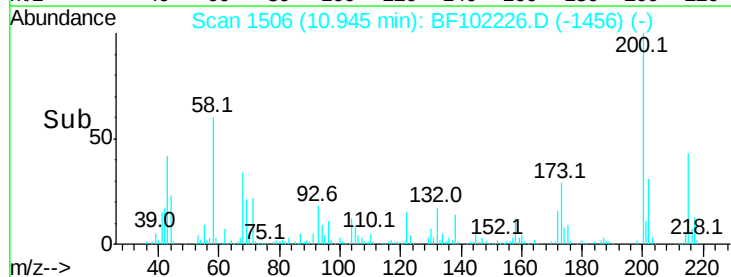
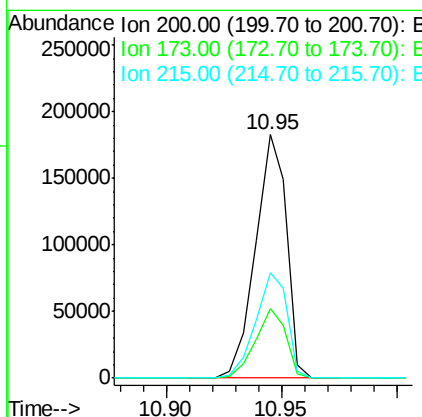
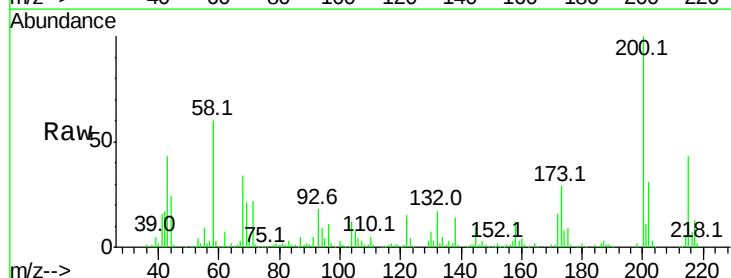
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

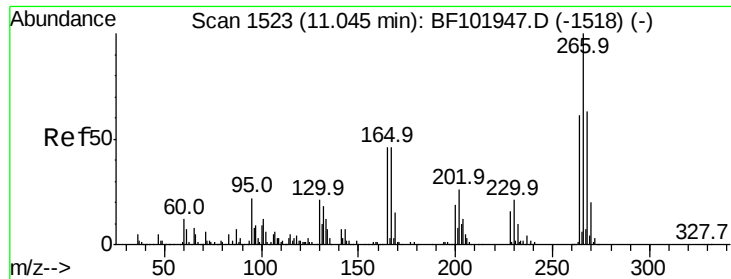
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.7	34.6	52.0
249	30.5	24.8	37.2



#68
Atrazine
Concen: 40.260 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	43.4	25.1	65.1

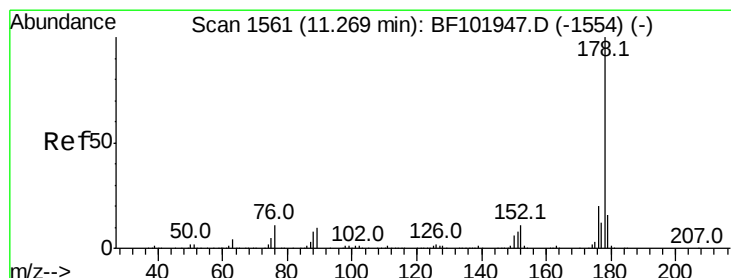
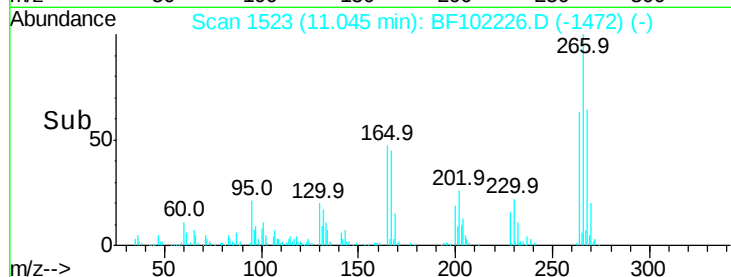
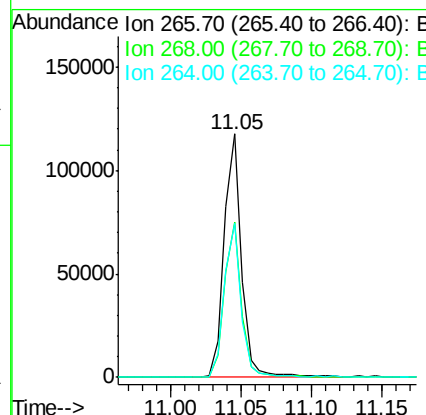
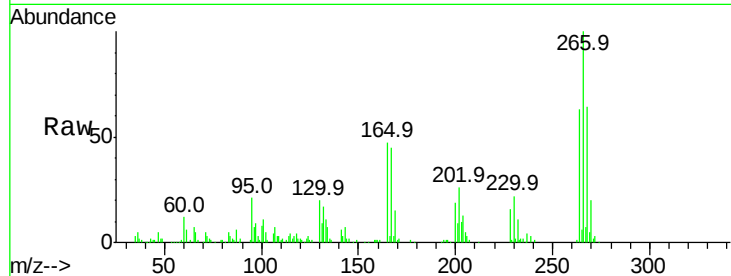




#69
 Pentachlorophenol
 Concen: 36.615 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

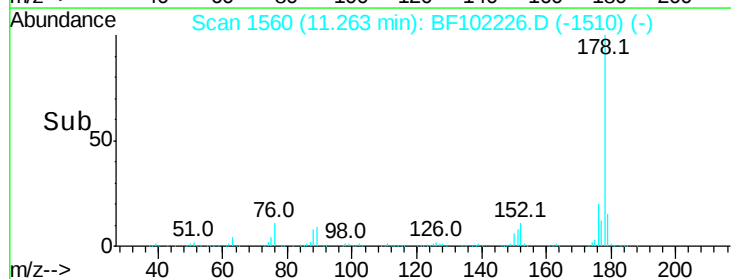
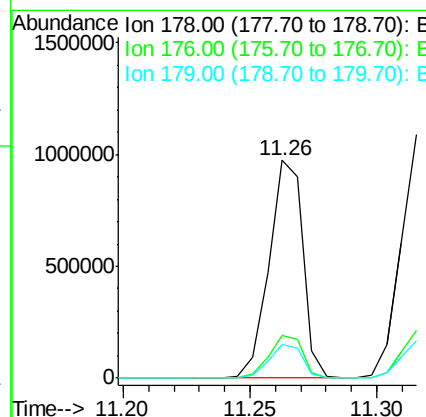
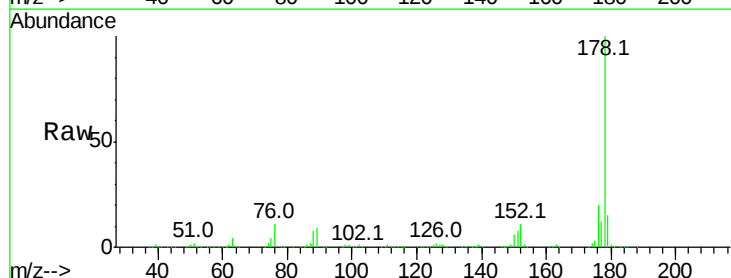
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

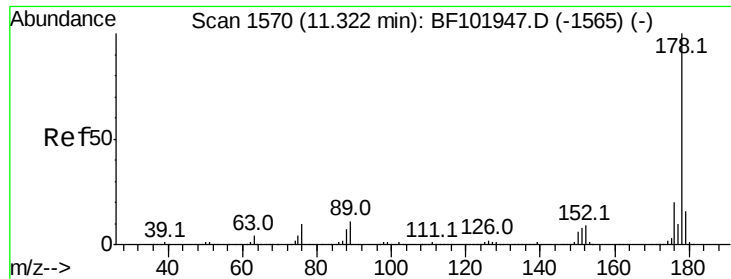
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.3	49.5	74.3



#70
 Phenanthrene
 Concen: 39.710 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6

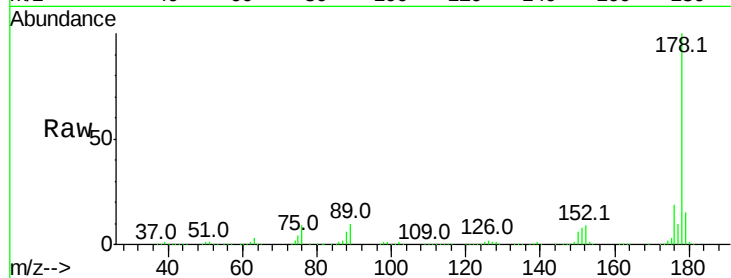




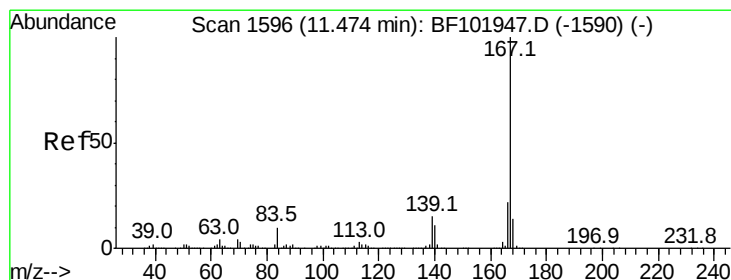
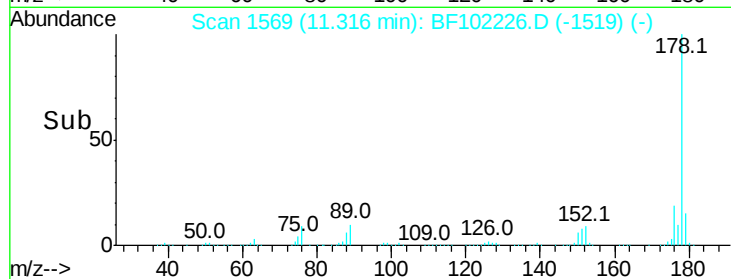
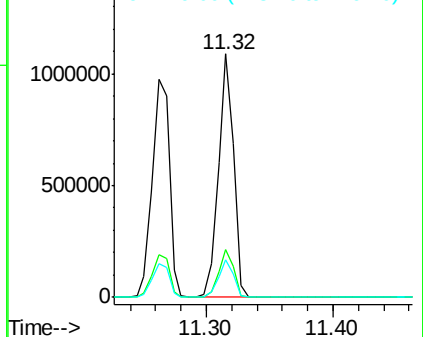
#71
 Anthracene
 Concen: 39.508 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:178 Resp: 920183
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.3 12.6 19.0

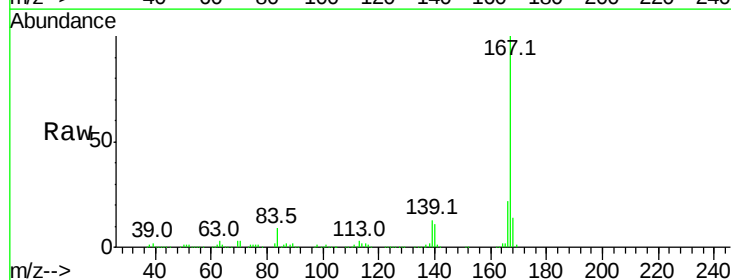


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

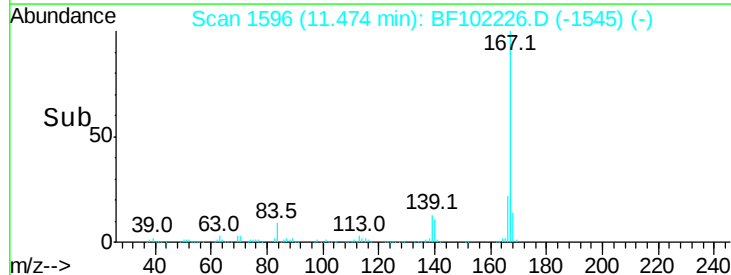
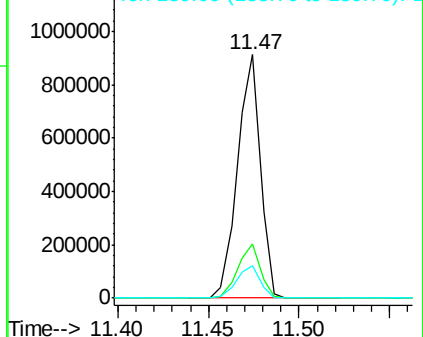


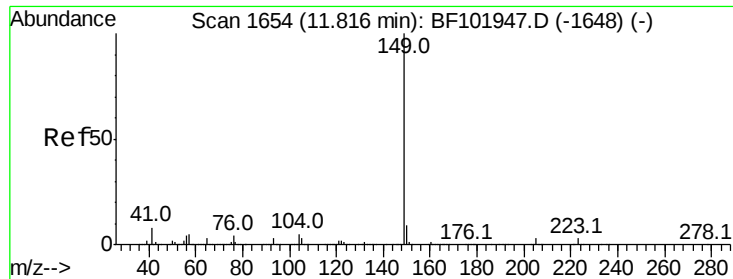
#72
 Carbazole
 Concen: 35.027 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

Tgt Ion:167 Resp: 801863
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.1 10.9 16.3



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: 39.589 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

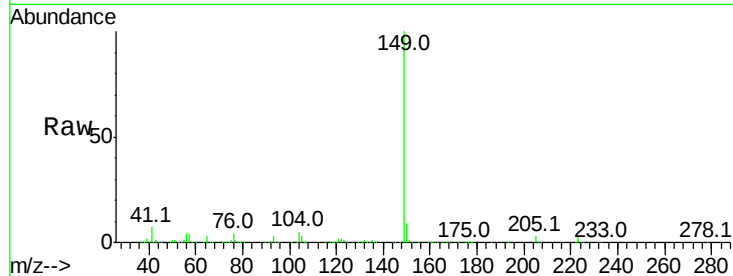
Tot Ion:149 Resp: 1111903

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

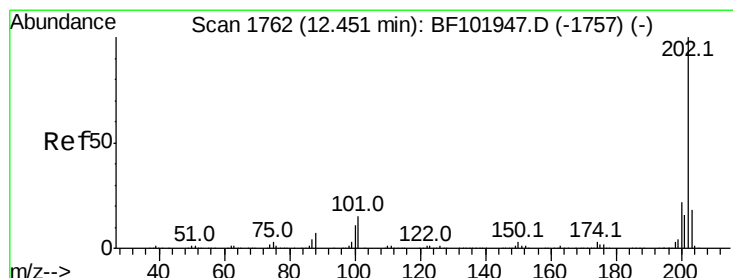
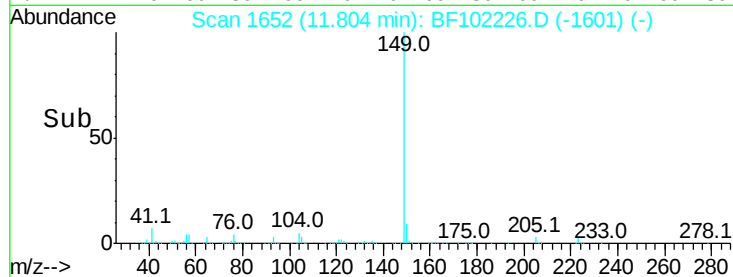
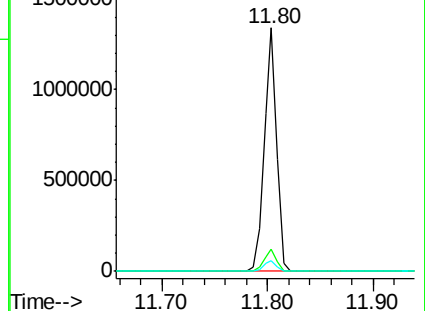
104 4.5 3.8 5.8



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: 36.028 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

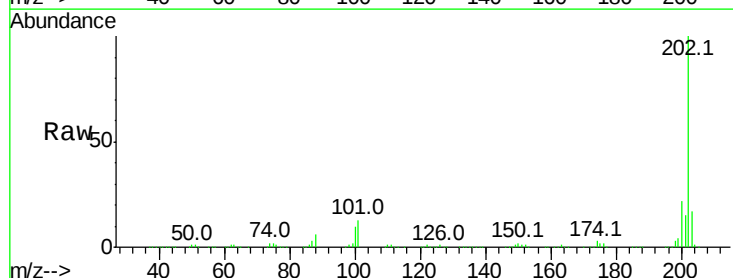
Tgt Ion:202 Resp: 814028

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

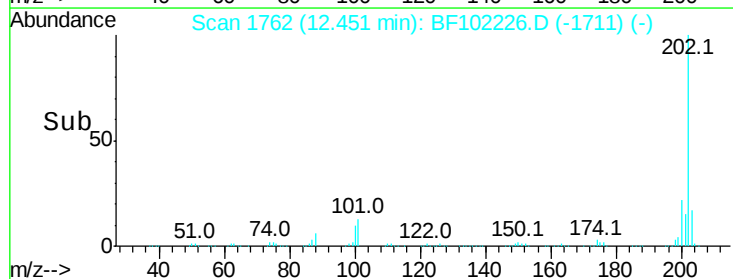
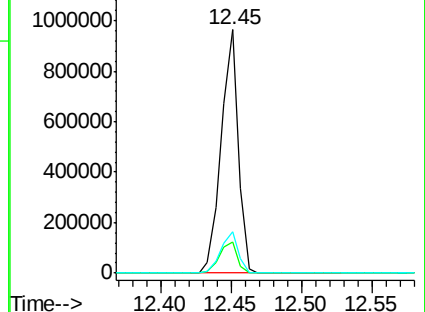
203 16.8 0.0 38.1

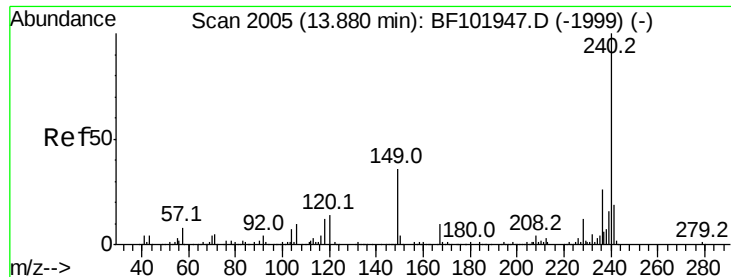


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

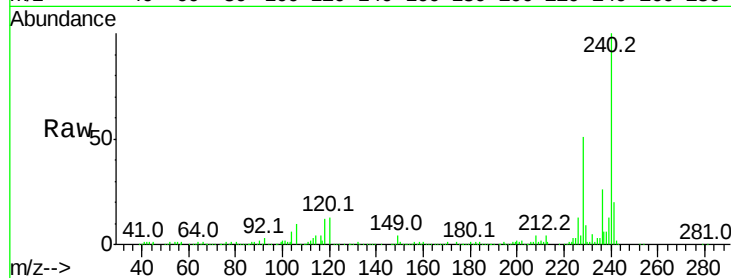
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 236659

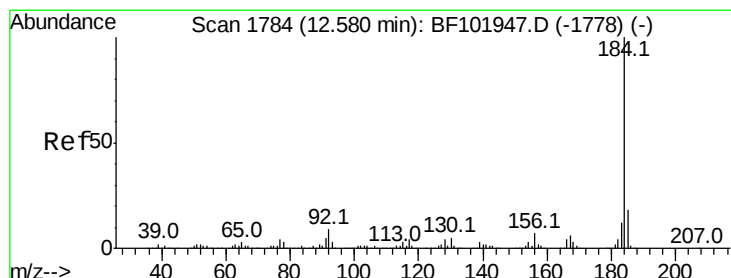
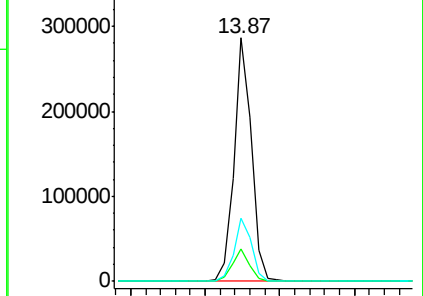
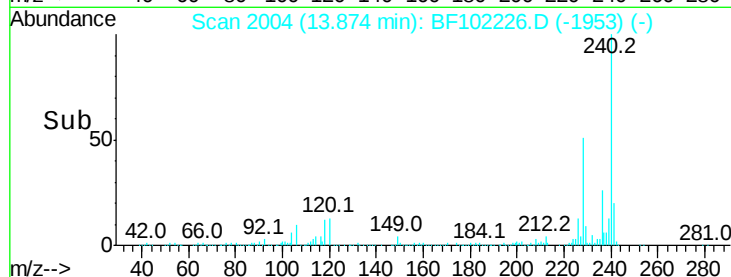
Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	26.1	20.7	31.1



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: 21.762 ng

RT: 12.57 min Scan# 1783

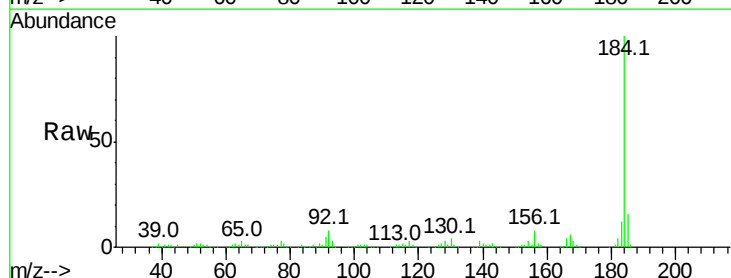
Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Tgt Ion:184 Resp: 248700

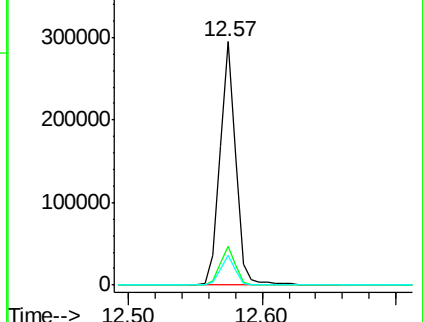
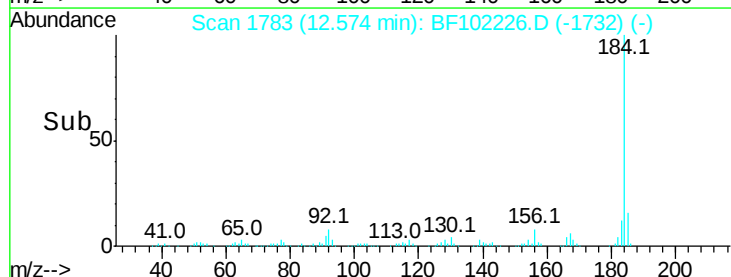
Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	12.5	9.3	13.9

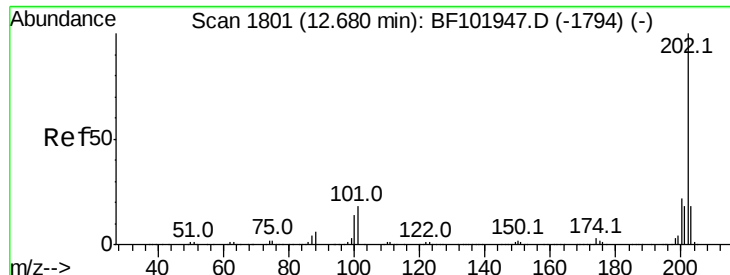


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

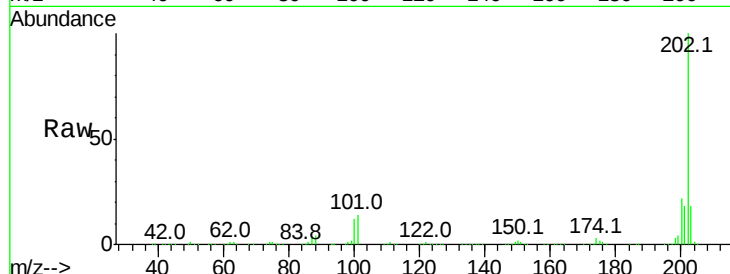




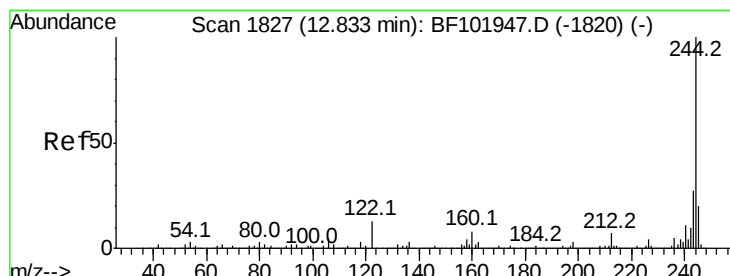
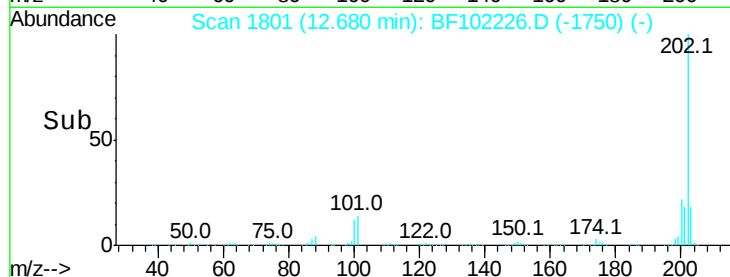
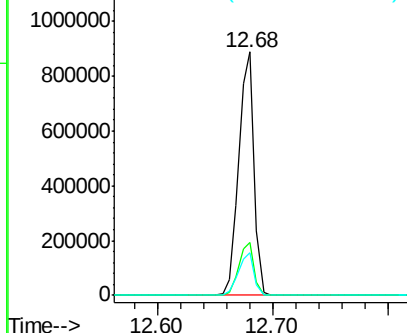
#77
Pvrene
Concen: 38.998 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5

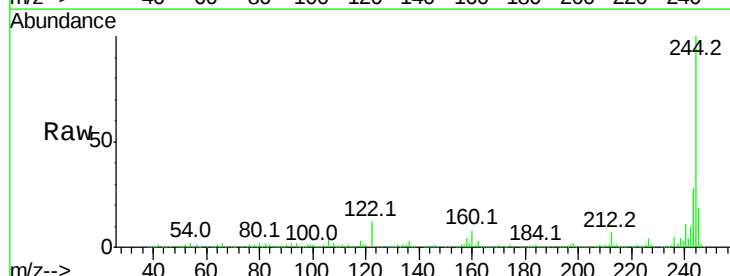


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

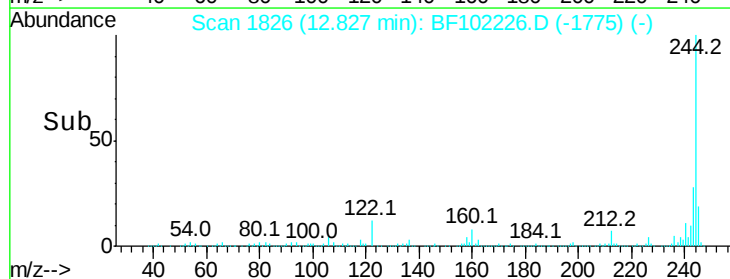
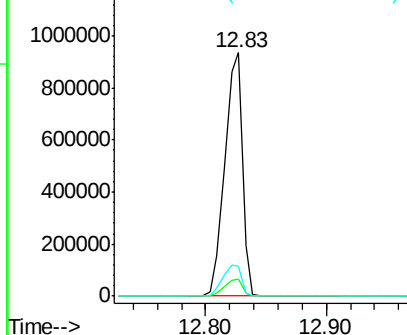


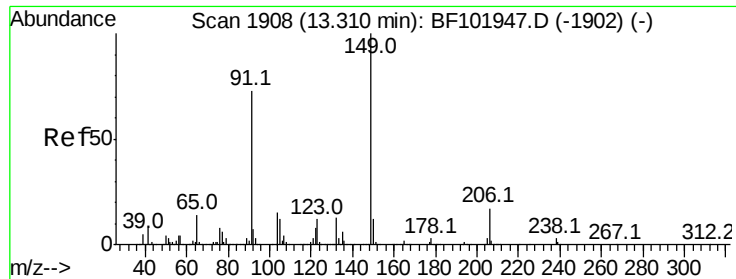
#78
Terphenyl-d14
Concen: 82.455 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.0	11.0	16.4



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

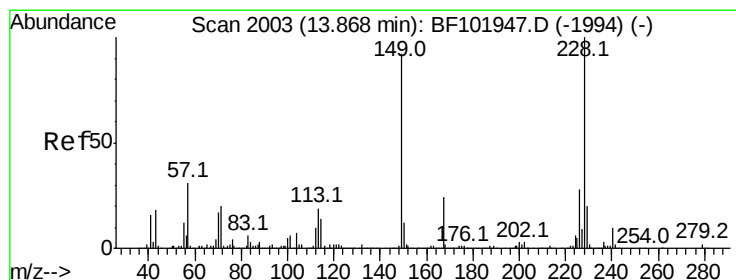
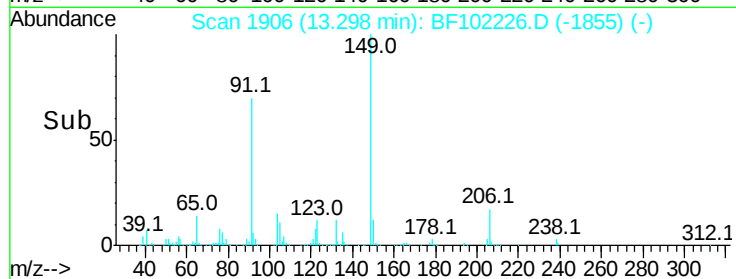
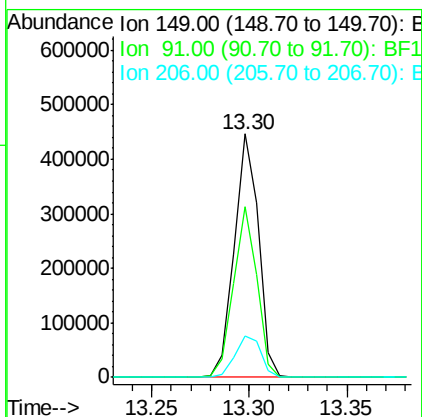
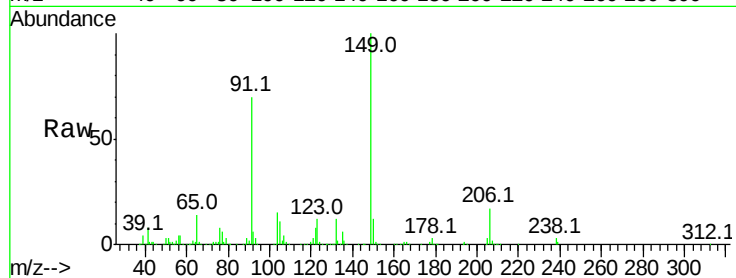




#79
Butylbenzylphthalate
Concen: 40.007 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

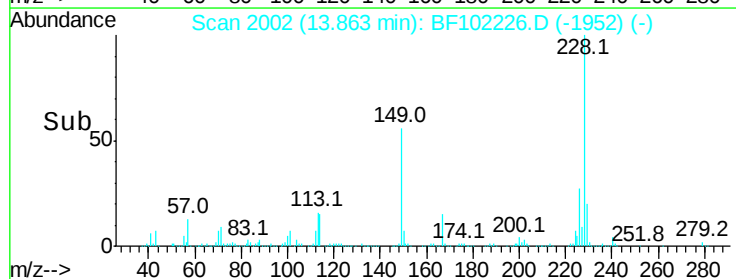
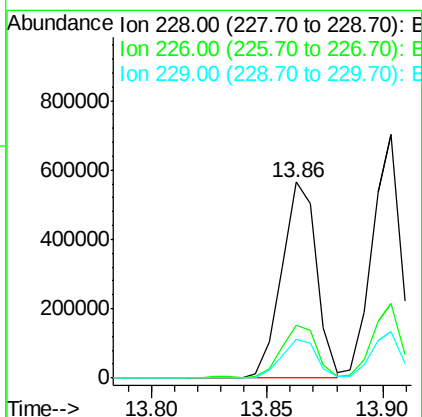
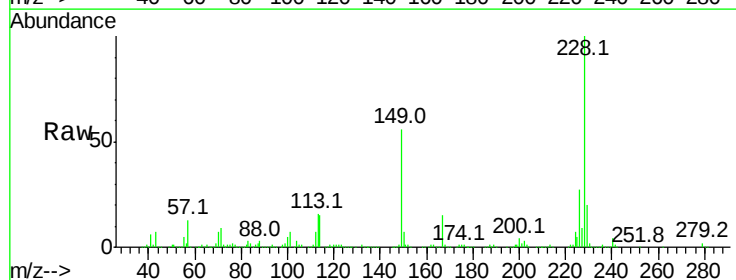
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

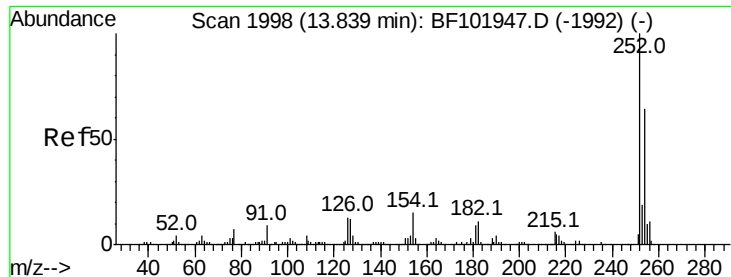
Tot Ion:149 Resp: 384081
Ion Ratio Lower Upper
149 100
91 70.0 56.8 85.2
206 17.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.872 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:228 Resp: 586948
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.206 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

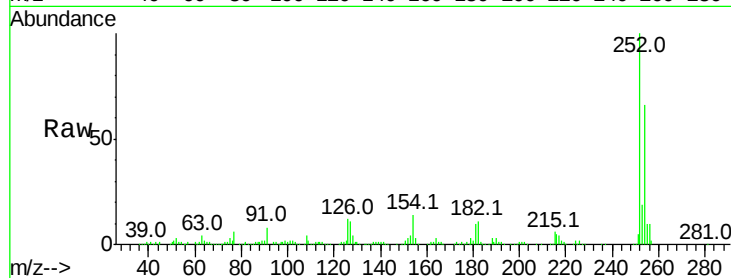
Tot Ion:252 Resp: 213606

Ion Ratio Lower Upper

252 100

254 66.0 50.4 75.6

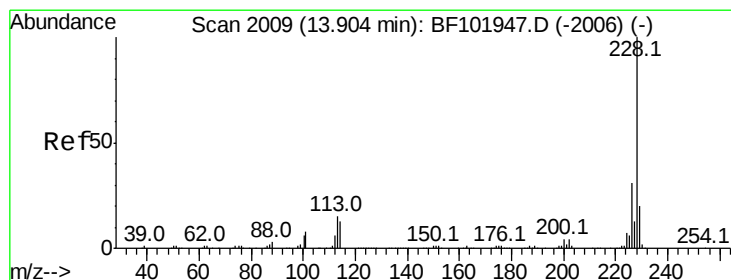
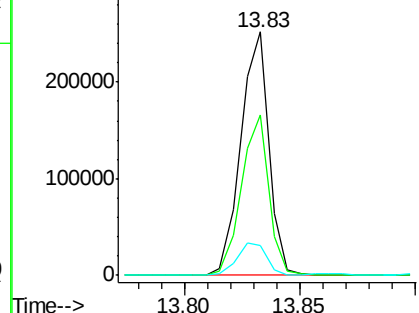
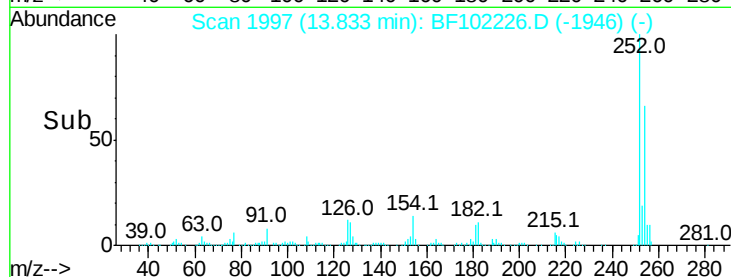
126 12.2 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.157 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

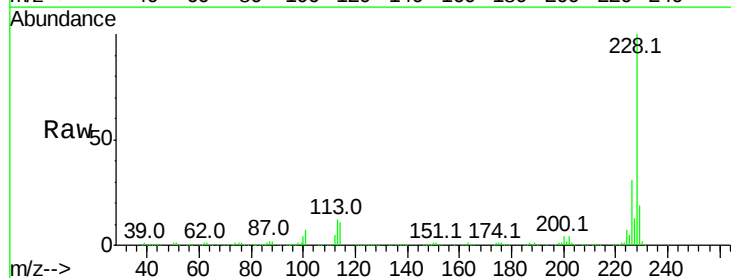
Tgt Ion:228 Resp: 600769

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

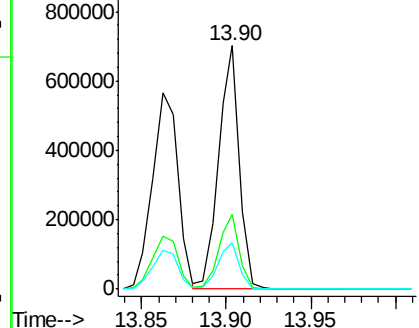
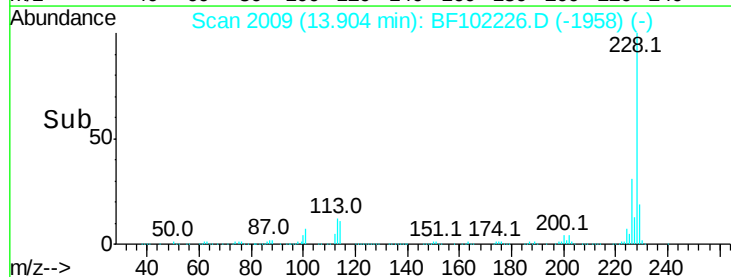
229 19.3 16.2 24.4

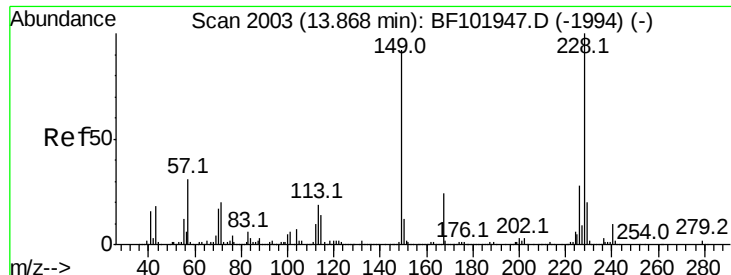


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

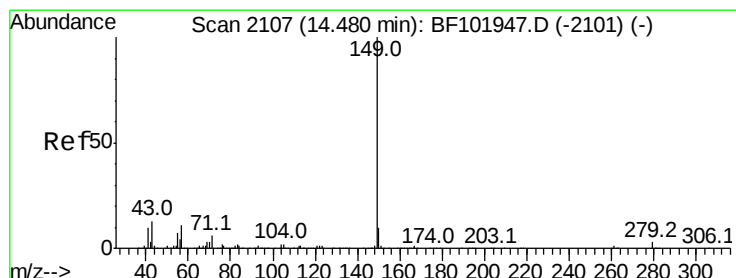
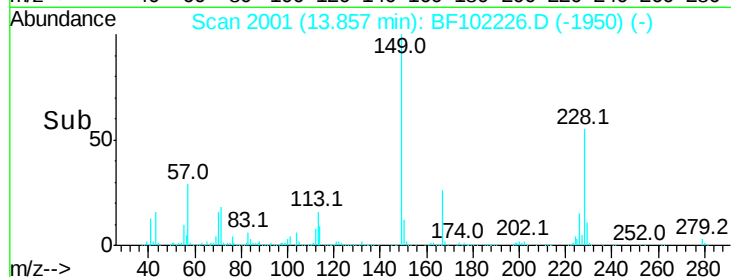
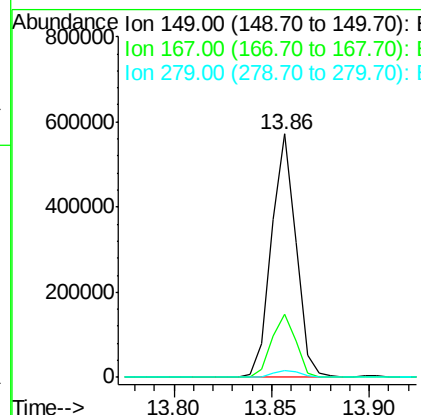
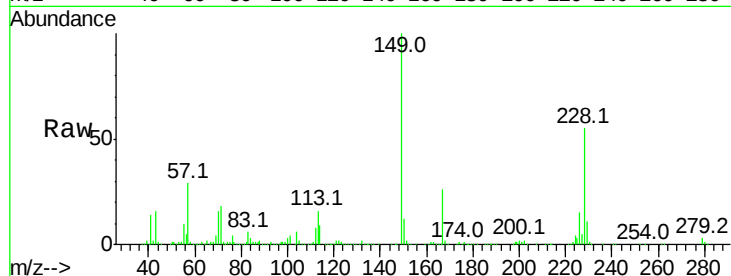




#83
Bis(2-ethylhexyl)phthalate
Concen: 45.162 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

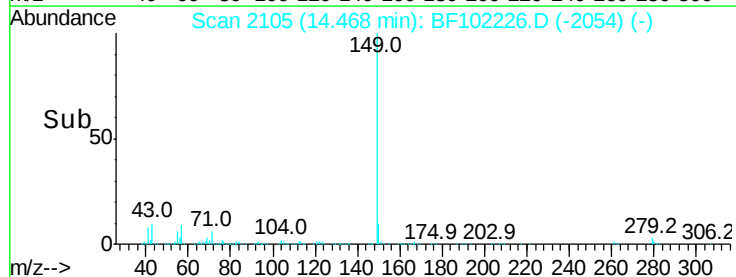
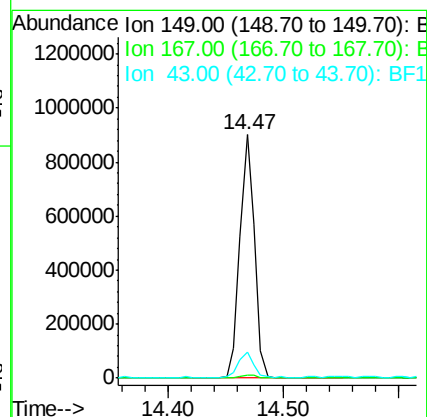
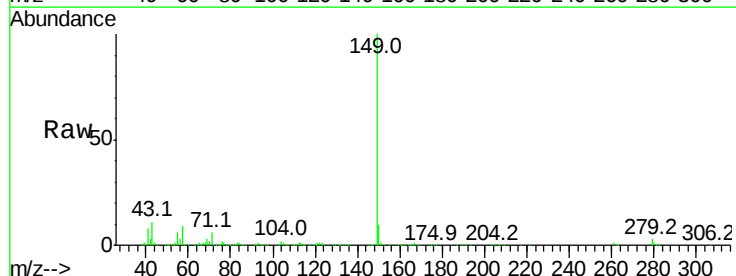
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

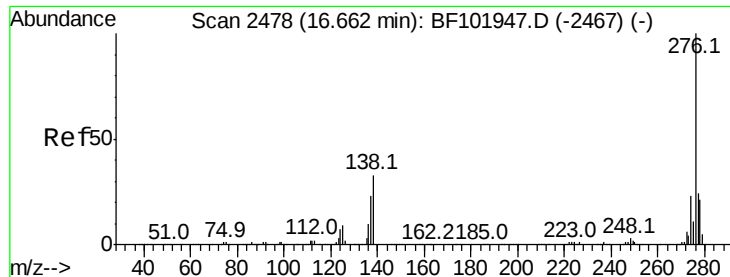
Tot Ion:149 Resp: 497370
Ion Ratio Lower Upper
149 100
167 25.9 21.3 31.9
279 3.0 3.0 4.4



#84
Di-n-octyl phthalate
Concen: 43.188 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:149 Resp: 789266
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 8.4 12.6

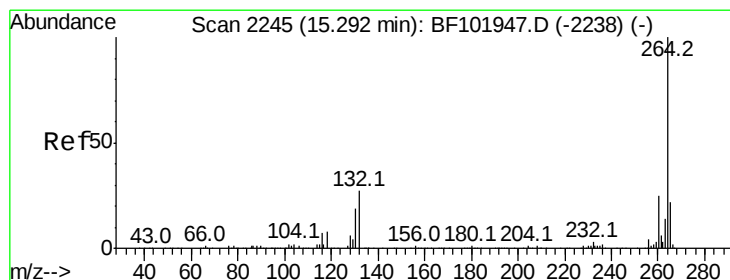
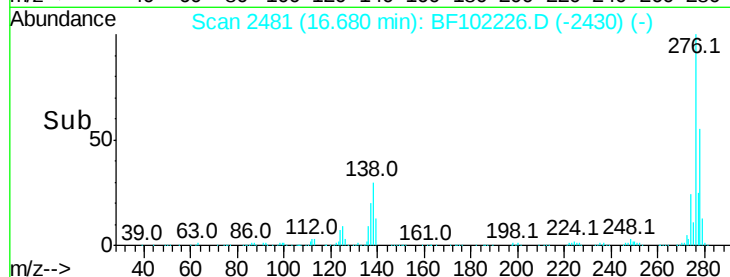
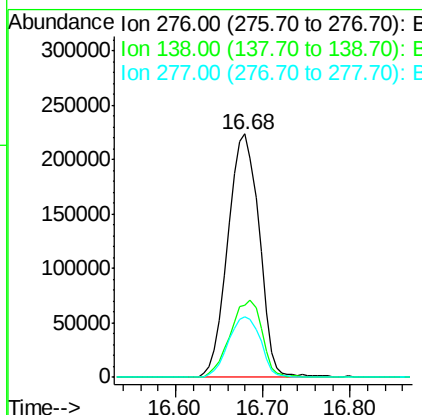
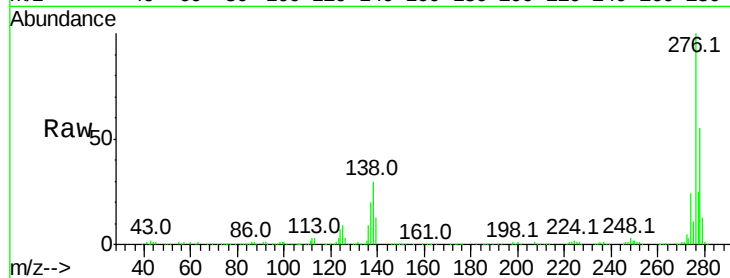




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.666 ng
 RT: 16.68 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

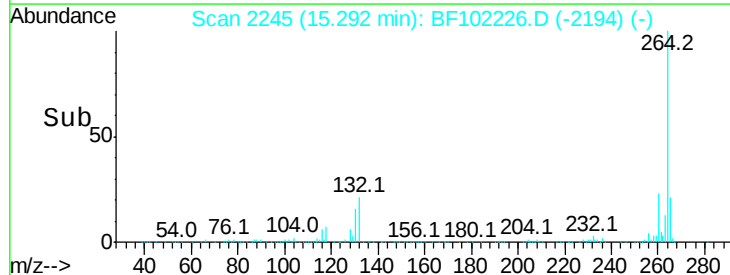
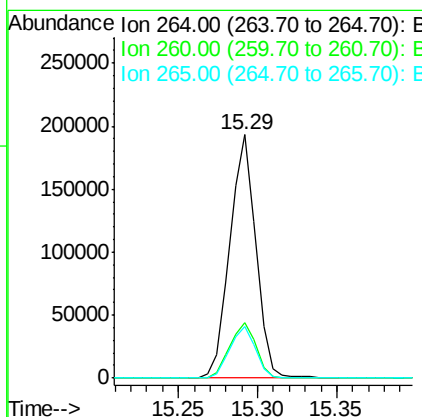
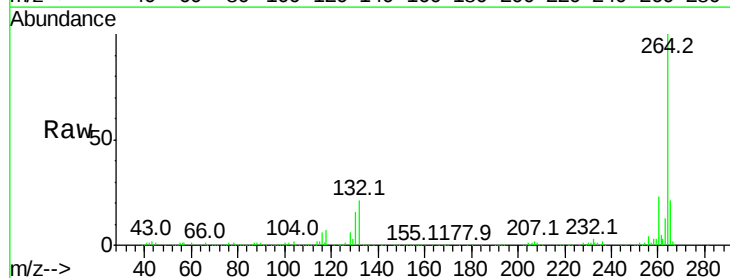
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

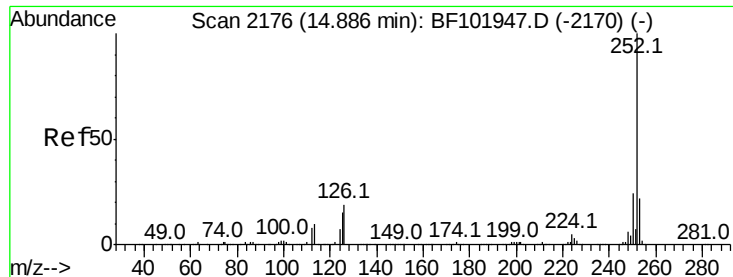
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.0	37.6
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102226.D
 Acq: 19 Jan 2018 19:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.2	17.5	26.3

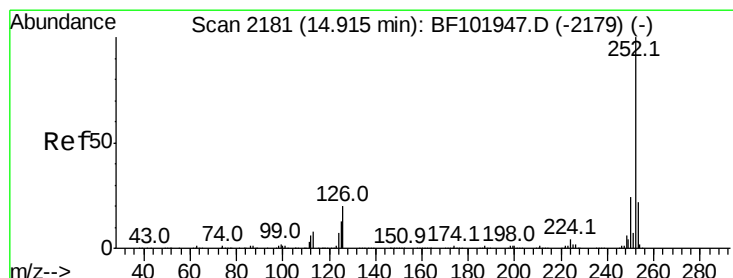
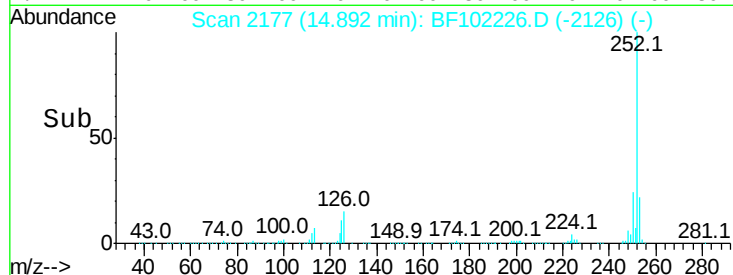
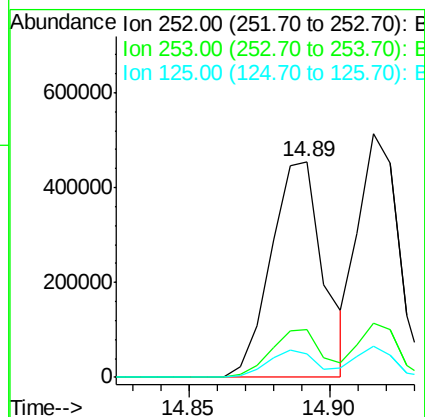
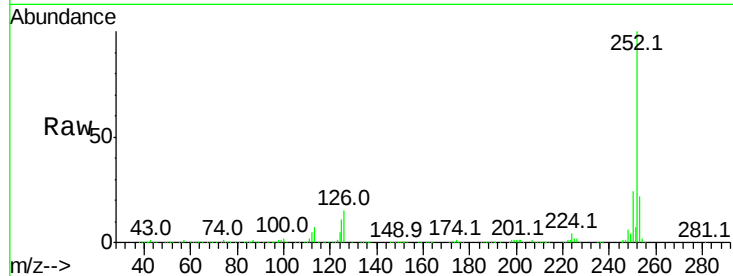




#87
Benzo(b)fluoranthene
Concen: 40.981 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

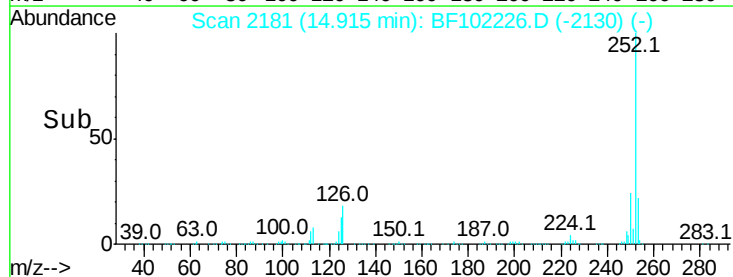
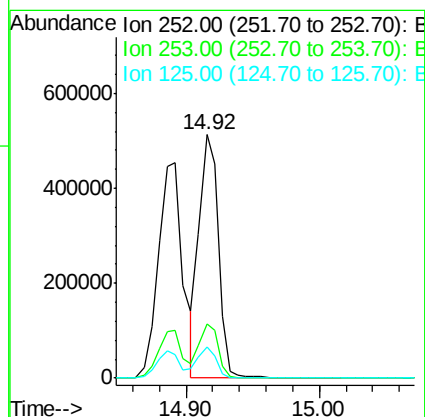
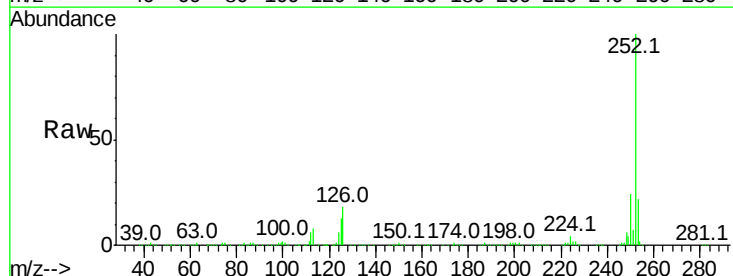
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

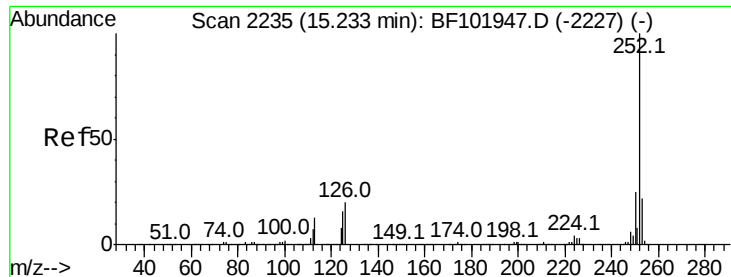
Tot Ion:252 Resp: 585933
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.671 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF102226.D
Acq: 19 Jan 2018 19:39

Tgt Ion:252 Resp: 505792
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.466 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

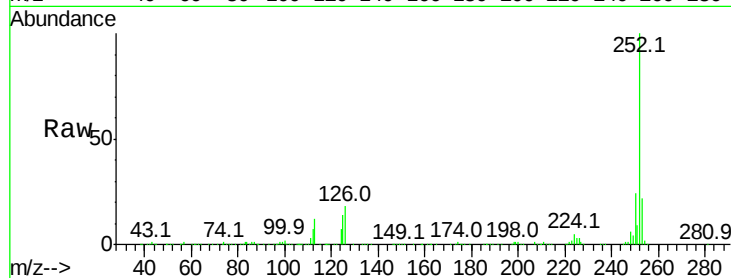
Tot Ion:252 Resp: 520635

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

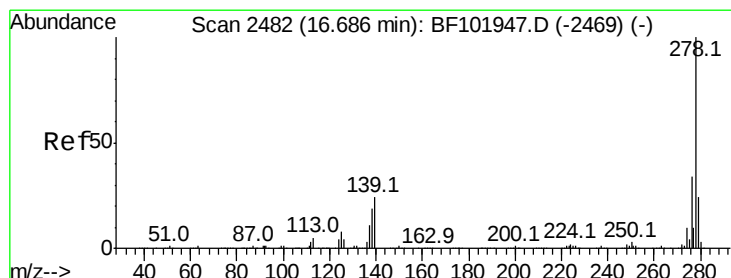
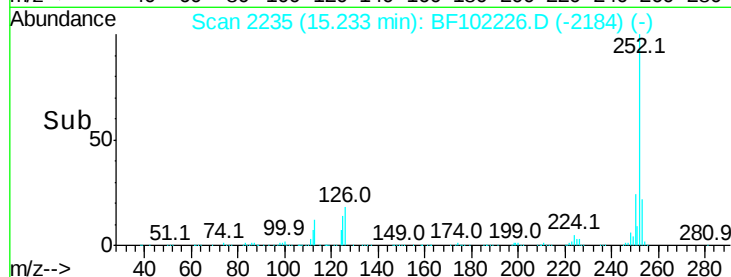
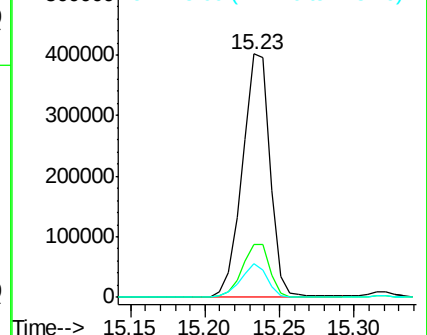
125 13.7 9.8 14.6



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: 43.561 ng

RT: 16.70 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

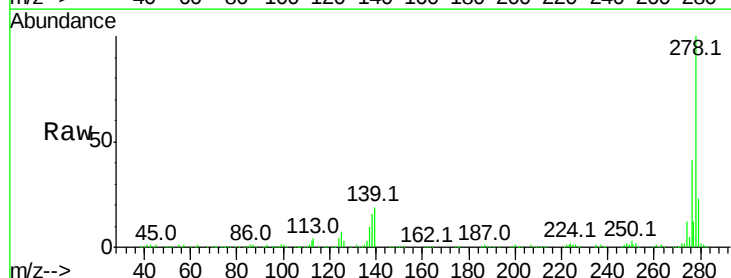
Tgt Ion:278 Resp: 447256

Ion Ratio Lower Upper

278 100

139 19.5 15.9 23.9

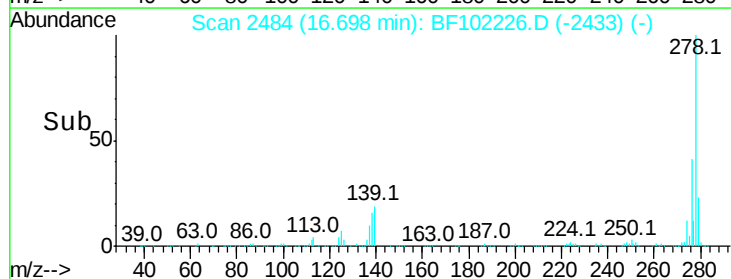
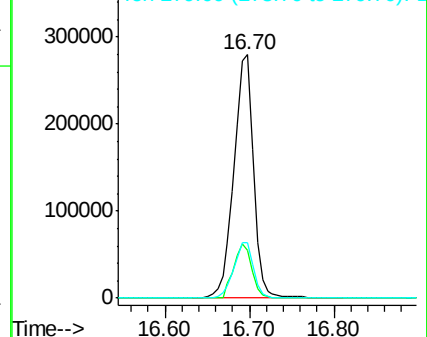
279 22.8 19.0 28.4

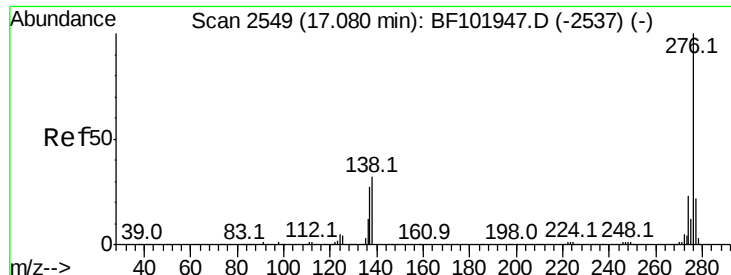


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.520 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BF102226.D

Acq: 19 Jan 2018 19:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 450109

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 28.8 21.8 32.8

