

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101981.D
 Acq On : 10 Jan 2018 16:17
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 11 01:51:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	198969	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	827004	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	357814	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	610244	20.00	ng	0.00
75) Chrysene-d12	13.89	240	402784	20.00	ng	0.00
86) Perylene-d12	15.30	264	334595	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1043262	74.04	ng	0.01
7) Phenol-d6	6.37	99	1247407	74.20	ng	0.02
23) Nitrobenzene-d5	7.30	82	1129543	80.26	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	252542	80.88	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1826010	79.73	ng	0.00
78) Terphenyl-d14	12.83	244	1439583	74.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	261721	37.220	ng	95
3) Pyridine	3.11	79	721779	37.586	ng	94
4) n-Nitrosodimethylamine	3.06	42	296735	36.900	ng	92
6) Aniline	6.39	93	872391	36.822	ng	98
8) 2-Chlorophenol	6.52	128	538520	38.107	ng	98
9) Benzaldehyde	6.28	77	435109	37.275	ng	98
10) Phenol	6.38	94	693103	36.481	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	541380	37.438	ng	98
12) 1,3-Dichlorobenzene	6.67	146	613423	37.655	ng	98
13) 1,4-Dichlorobenzene	6.75	146	613483	37.740	ng	100
14) 1,2-Dichlorobenzene	6.90	146	569547	37.854	ng	98
15) Benzyl Alcohol	6.87	79	454046	36.923	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	972483	36.481	ng	98
17) 2-Methylphenol	6.99	107	475279	37.282	ng	99
18) Hexachloroethane	7.24	117	221715	38.732	ng	92
19) n-Nitroso-di-n-propylamine	7.15	70	382912	34.756	ng	92
20) 3+4-Methylphenols	7.15	107	550767	35.982	ng	# 65
22) Acetophenone	7.15	105	724884	36.379	ng	# 86
24) Nitrobenzene	7.32	77	591842	39.137	ng	98
25) Isophorone	7.56	82	1025555	36.880	ng	99
26) 2-Nitrophenol	7.63	139	288841	45.634	ng	92
27) 2,4-Dimethylphenol	7.67	122	448263	37.921	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	626919	37.338	ng	99
29) 2,4-Dichlorophenol	7.87	162	442911	39.460	ng	100
30) 1,2,4-Trichlorobenzene	7.96	180	453090	38.592	ng	98
31) Naphthalene	8.03	128	1558762	37.720	ng	99
32) Benzoic acid	7.80	122	406130	45.308	ng	97
33) 4-Chloroaniline	8.09	127	667437	37.841	ng	98
34) Hexachlorobutadiene	8.15	225	242337	38.995	ng	96
35) Caprolactam	8.47	113	149419	38.777	ng	92
36) 4-Chloro-3-methylphenol	8.57	107	462776	37.666	ng	99
37) 2-Methylnaphthalene	8.73	142	1020271	37.503	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	397339	39.252	ng	99
40) Hexachlorocyclopentadiene	8.87	237	240084	43.367	ng	99

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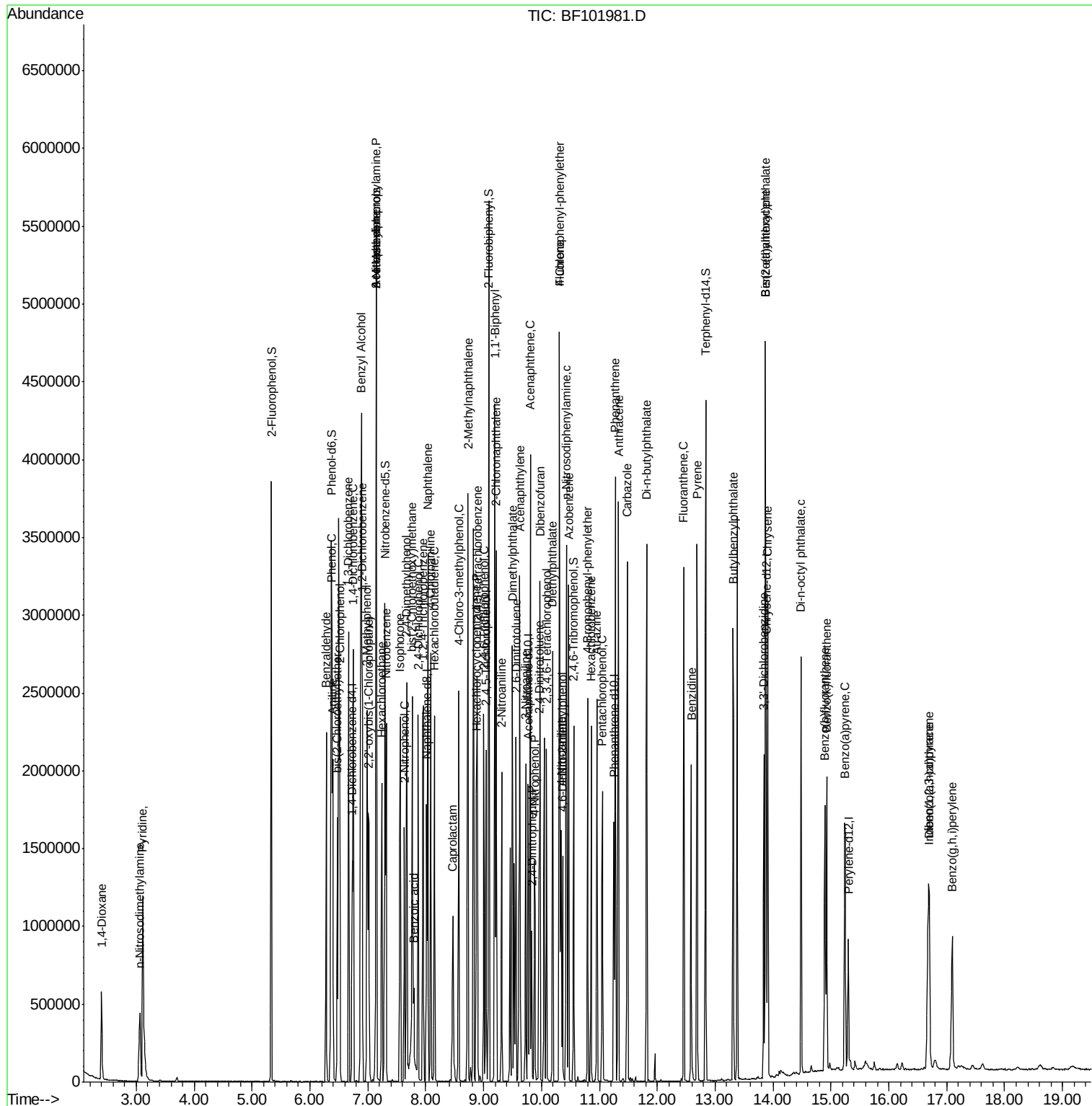
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	279489	40.066	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	316618	40.158	ng	97
45) 1,1'-Biphenyl	9.19	154	1192908	37.718	ng	99
46) 2-Chloronaphthalene	9.22	162	944881	38.527	ng	99
47) 2-Nitroaniline	9.32	65	323024	43.970	ng	95
48) Acenaphthylene	9.63	152	1487442	38.217	ng	99
49) Dimethylphthalate	9.50	163	1095301	38.158	ng	99
50) 2,6-Dinitrotoluene	9.56	165	242970	42.376	ng	95
51) Acenaphthene	9.80	154	871156	36.876	ng	99
52) 3-Nitroaniline	9.73	138	298074	41.192	ng	97
53) 2,4-Dinitrophenol	9.83	184	95421	47.493	ng	# 20
54) Dibenzofuran	9.97	168	1226220	37.821	ng	98
55) 4-Nitrophenol	9.88	139	226986	42.091	ng	93
56) 2,4-Dinitrotoluene	9.96	165	315837	43.949	ng	98
57) Fluorene	10.32	166	900927	40.197	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	222136	39.575	ng	99
59) Diethylphthalate	10.19	149	1081759	37.886	ng	99
60) 4-Chlorophenyl-phenylether	10.31	204	384840	40.323	ng	99
61) 4-Nitroaniline	10.34	138	294039	42.816	ng	93
62) Azobenzene	10.47	77	1069206	37.638	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	151836	46.071	ng	94
65) n-Nitrosodiphenylamine	10.43	169	862164	37.730	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	251355	39.003	ng	95
67) Hexachlorobenzene	10.86	284	272035	38.667	ng	98
68) Atrazine	10.96	200	260480	39.443	ng	98
69) Pentachlorophenol	11.05	266	166465	38.802	ng	98
70) Phenanthrene	11.27	178	1336193	37.485	ng	99
71) Anthracene	11.33	178	1361977	37.674	ng	100
72) Carbazole	11.48	167	1328950	37.399	ng	99
73) Di-n-butylphthalate	11.82	149	1643958	37.710	ng	99
74) Fluoranthene	12.46	202	1323051	37.725	ng	99
76) Benzidine	12.59	184	706000	36.298	ng	97
77) Pyrene	12.69	202	1344019	37.750	ng	99
79) Butylbenzylphthalate	13.31	149	665663	40.740	ng	97
80) Benzo(a)anthracene	13.87	228	942754	36.685	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	367562	38.628	ng	98
82) Chrysene	13.91	228	994708	37.120	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	751356	40.086	ng	# 99
84) Di-n-octyl phthalate	14.48	149	1243567	39.981	ng	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	750532	38.482	ng	95
87) Benzo(b)fluoranthene	14.90	252	849212	38.925	ng	99
88) Benzo(k)fluoranthene	14.93	252	779120	37.020	ng	99
89) Benzo(a)pyrene	15.24	252	742362	37.814	ng	98
90) Dibenzo(a,h)anthracene	16.70	278	620648	39.615	ng	# 95
91) Benzo(g,h,i)perylene	17.10	276	630137	39.929	ng	96

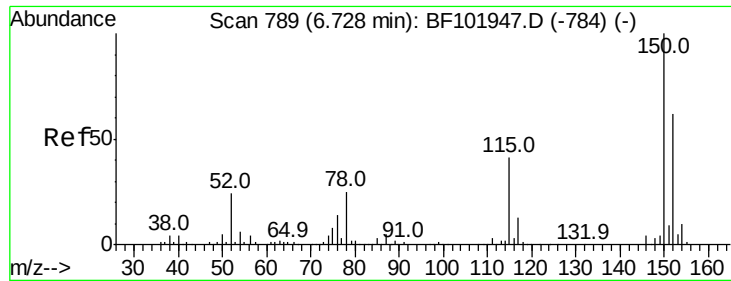
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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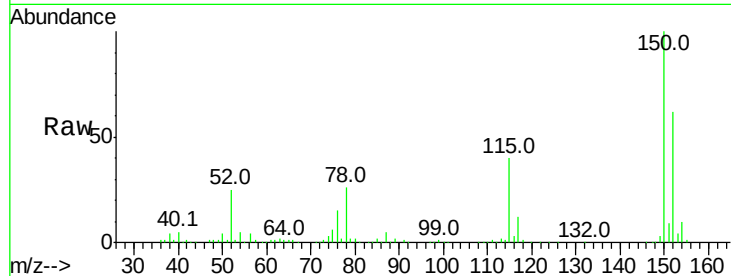


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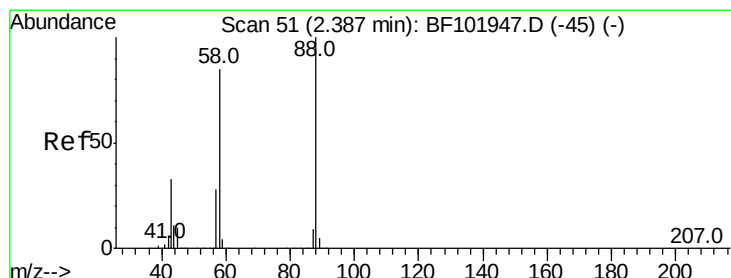
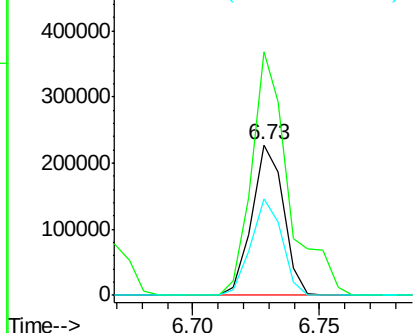
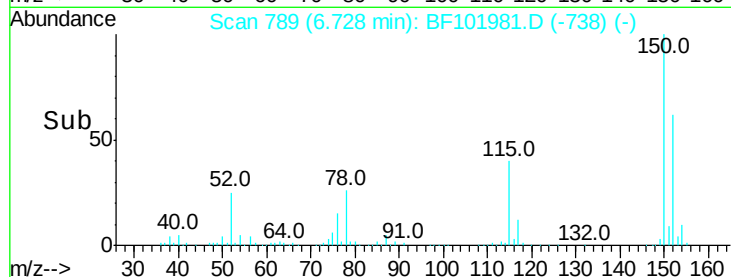
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 198969
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.6 186.8
 115 64.0 50.1 75.1



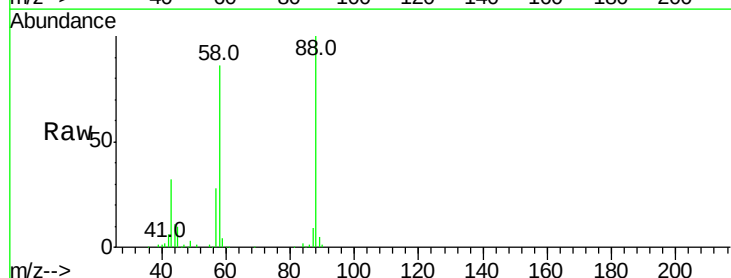
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



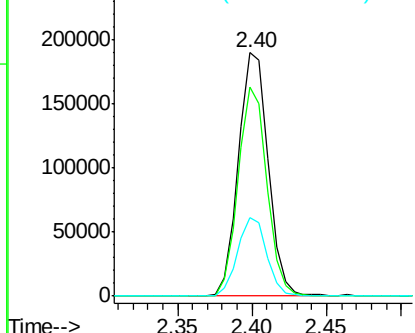
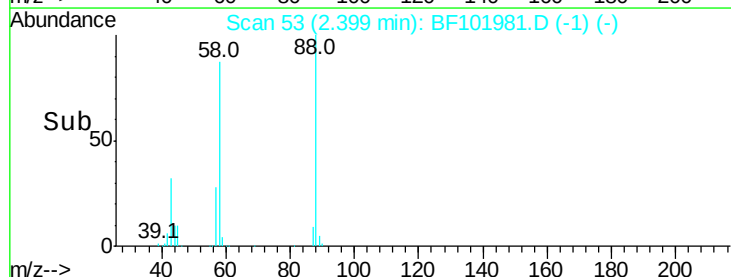
#2

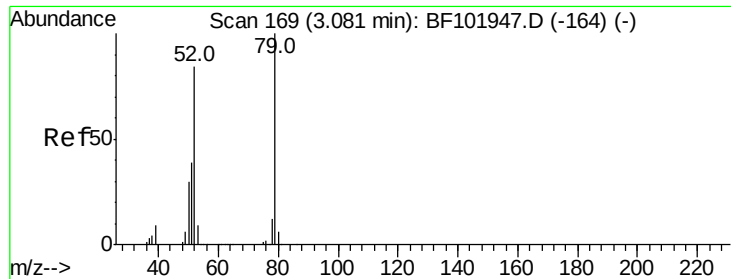
1,4-Dioxane
 Concen: 37.220 ng
 RT: 2.40 min Scan# 53
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Tgt Ion: 88 Resp: 261721
 Ion Ratio Lower Upper
 88 100
 58 83.4 62.6 93.8
 43 32.2 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

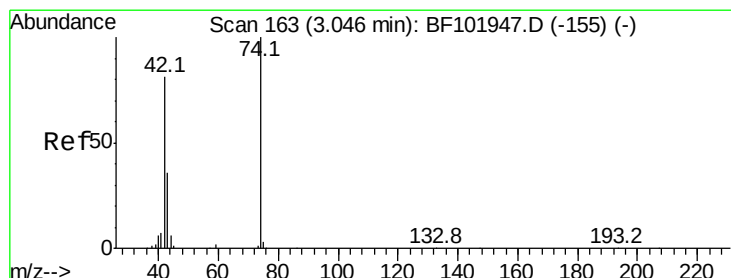
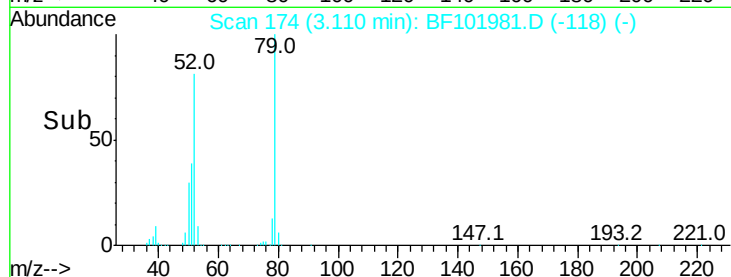
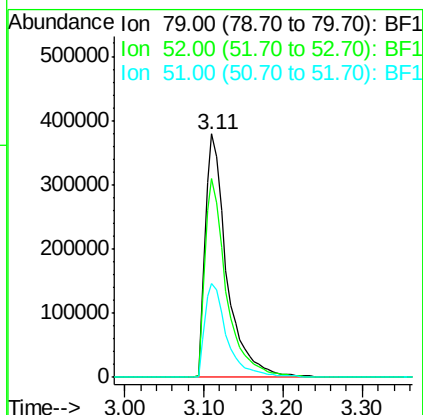
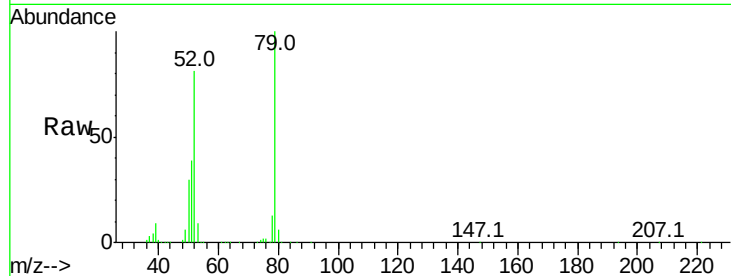




#3
 Pvridine
 Concen: 37.586 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.03 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

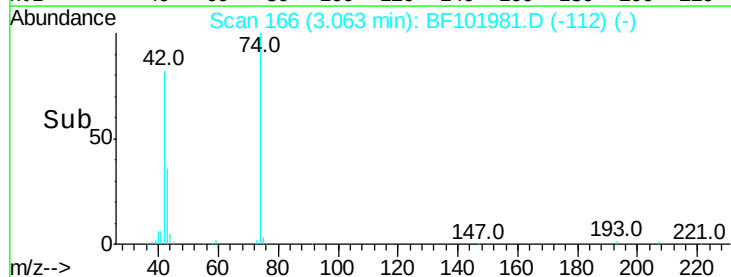
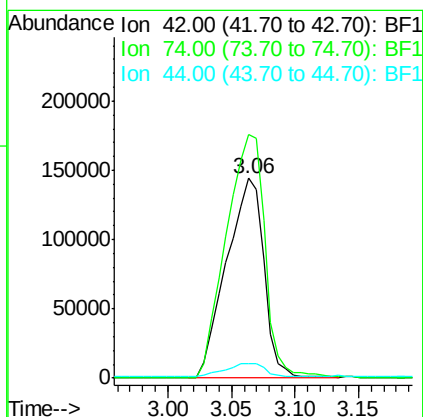
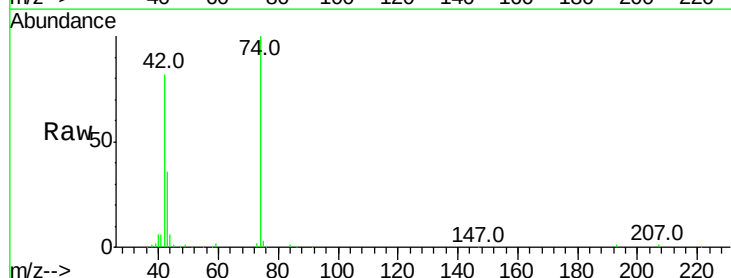
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

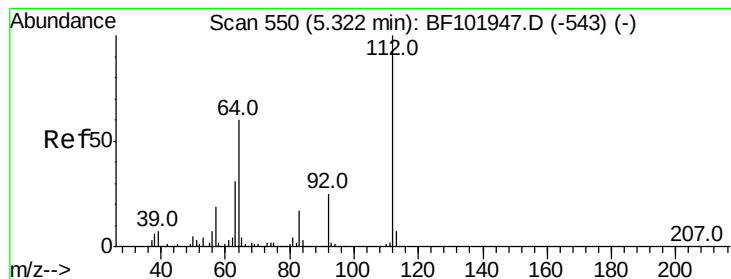
Tot Ion: 79 Resp: 721779
 Ion Ratio Lower Upper
 79 100
 52 81.4 59.8 89.6
 51 38.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.900 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.02 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Tgt Ion: 42 Resp: 296735
 Ion Ratio Lower Upper
 42 100
 74 121.9 104.9 157.3
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 74.040 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

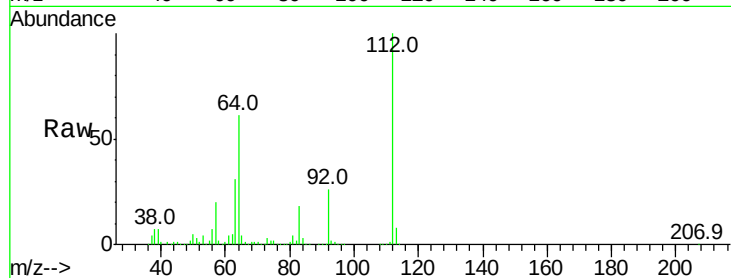
Tot Ion:112 Resp: 1043262

Ion Ratio Lower Upper

112 100

64 61.0 47.9 71.9

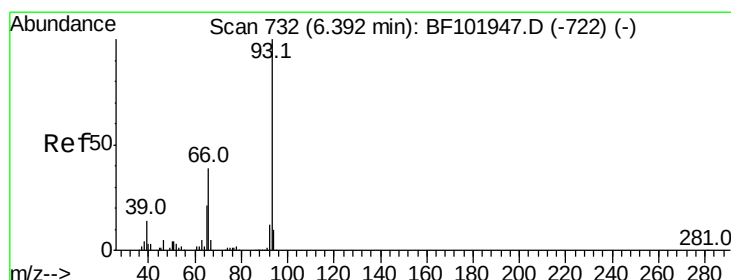
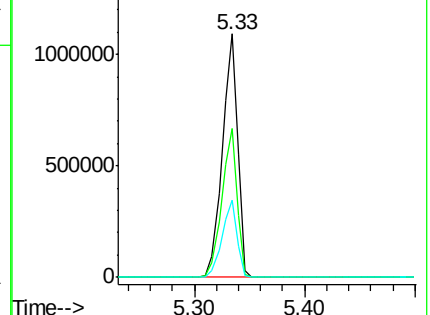
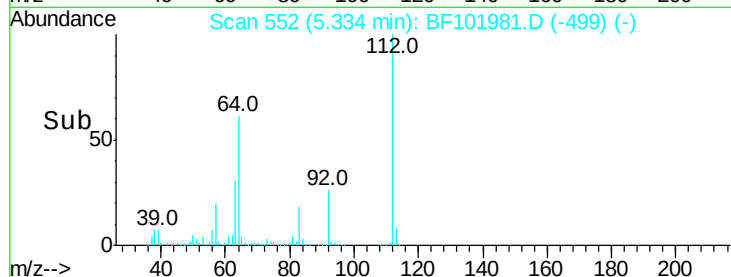
63 31.5 23.7 35.5



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: 36.822 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

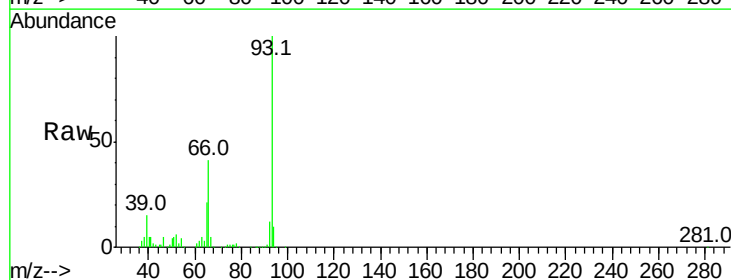
Tgt Ion: 93 Resp: 872391

Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

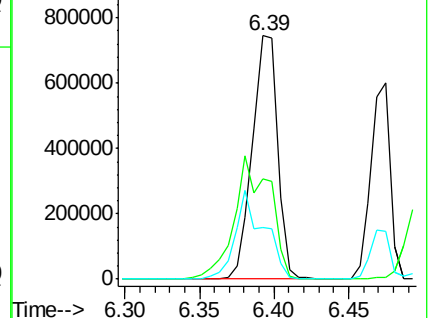
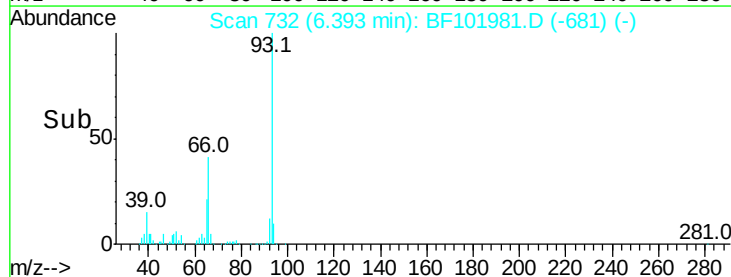
65 21.2 16.4 24.6

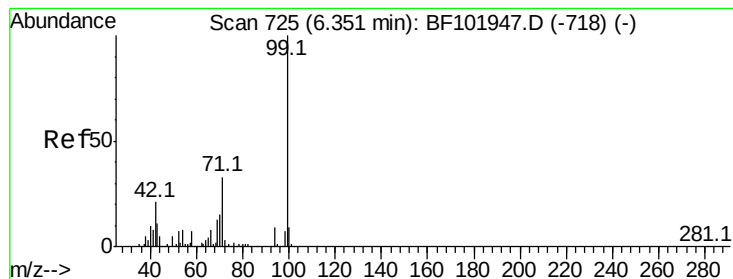


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.200 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.02 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

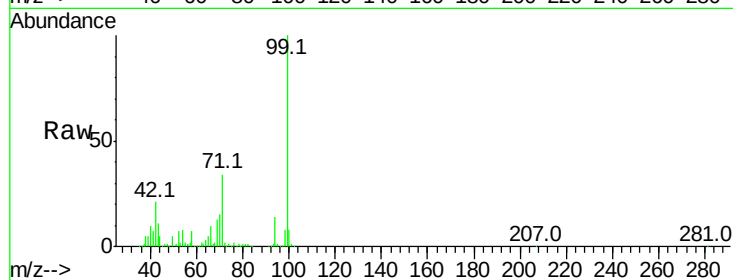
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1247407

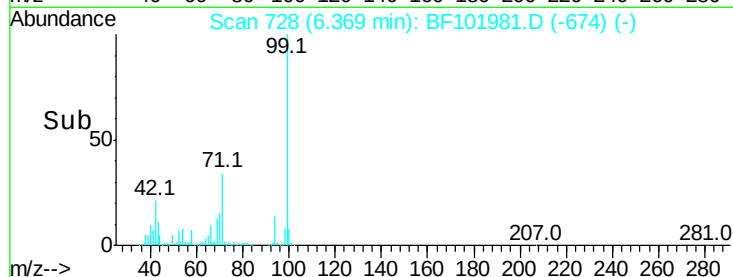
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	33.7	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

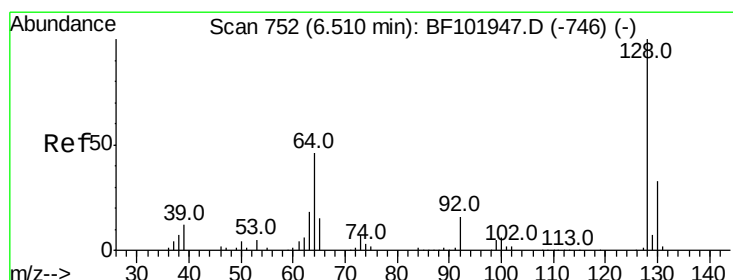


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.107 ng

RT: 6.52 min Scan# 753

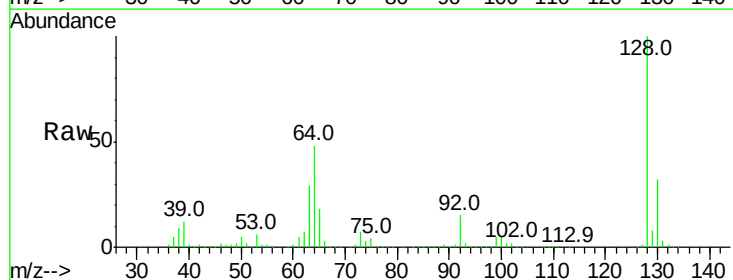
Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Tgt Ion: 128 Resp: 538520

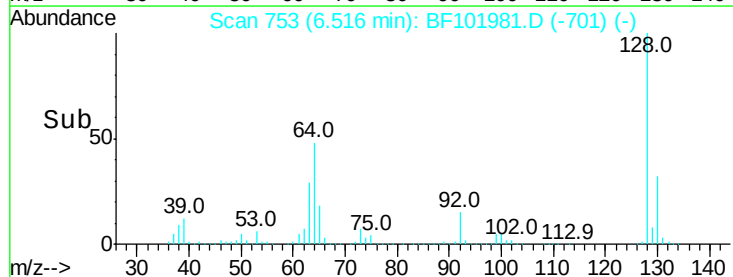
Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	47.6	29.4	69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

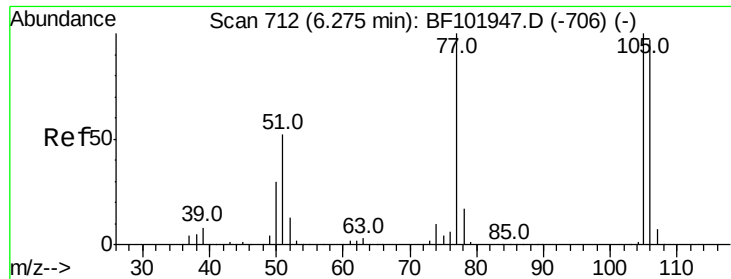


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 37.275 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

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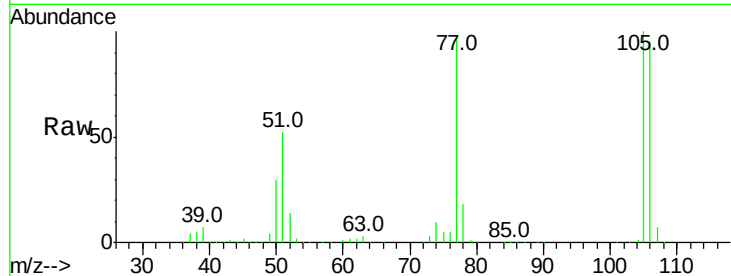
Tot Ion: 77 Resp: 435109

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

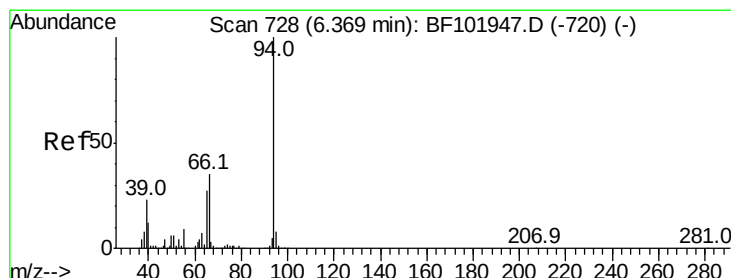
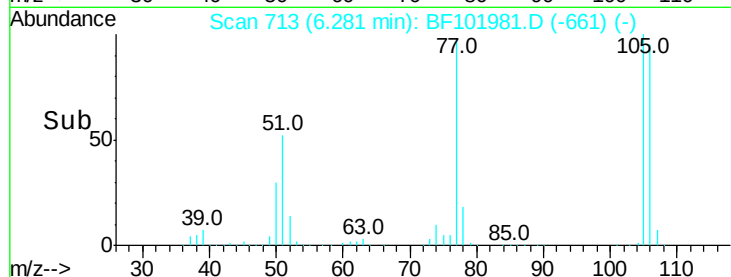
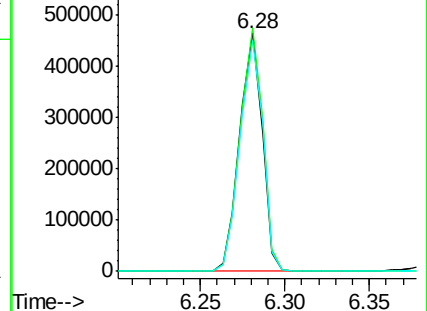
106 96.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.481 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

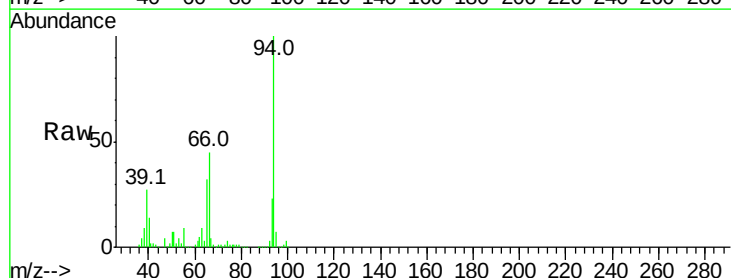
Tgt Ion: 94 Resp: 693103

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

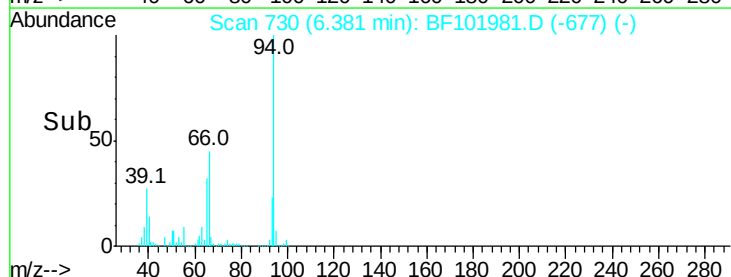
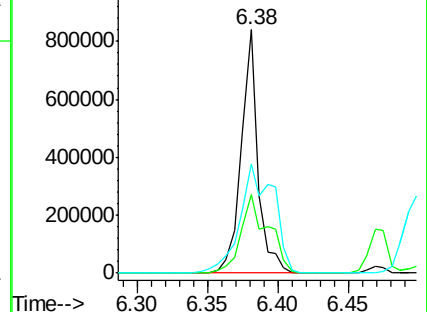
66 44.8 16.2 56.2

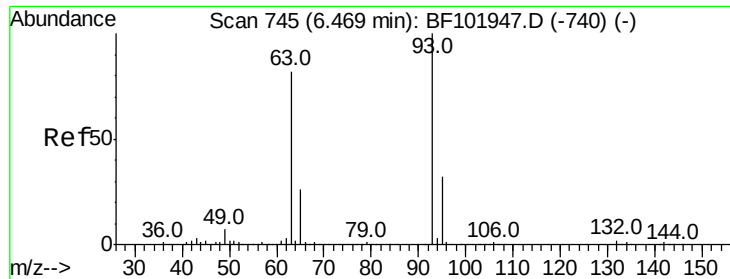


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.438 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

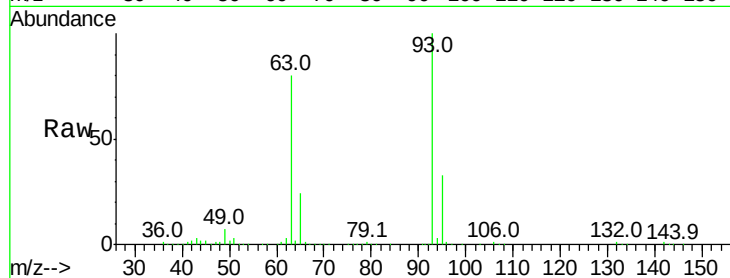
Tot Ion: 93 Resp: 541380

Ion Ratio Lower Upper

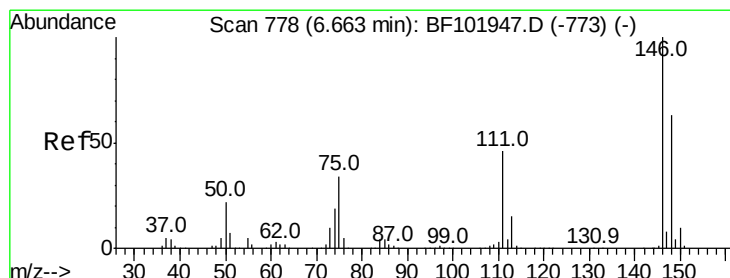
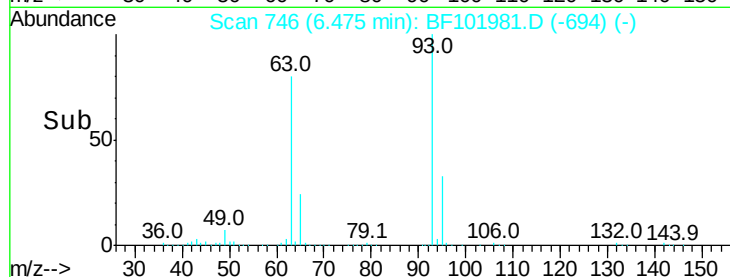
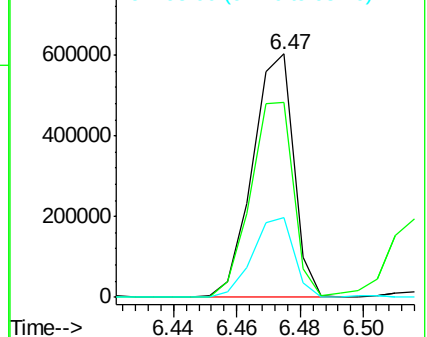
93 100

63 80.3 58.6 98.6

95 32.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.655 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

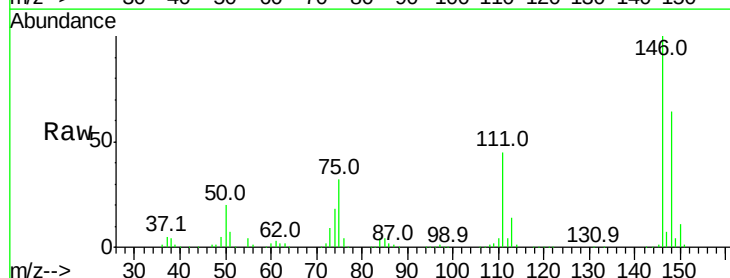
Tgt Ion: 146 Resp: 613423

Ion Ratio Lower Upper

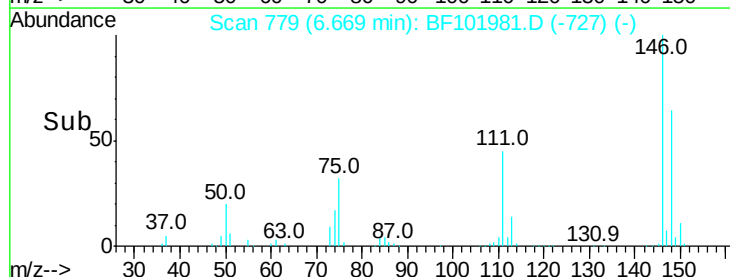
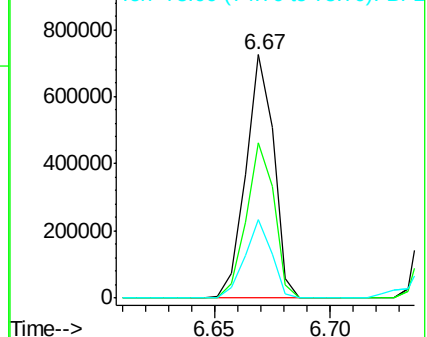
146 100

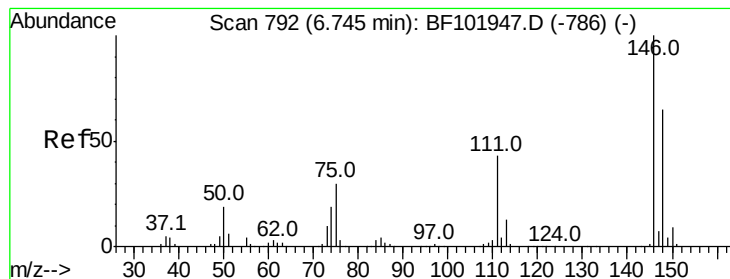
148 63.9 51.8 77.8

75 32.1 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.740 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

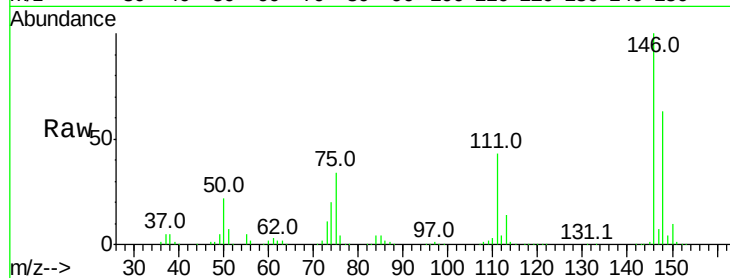
Tot Ion:146 Resp: 613483

Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

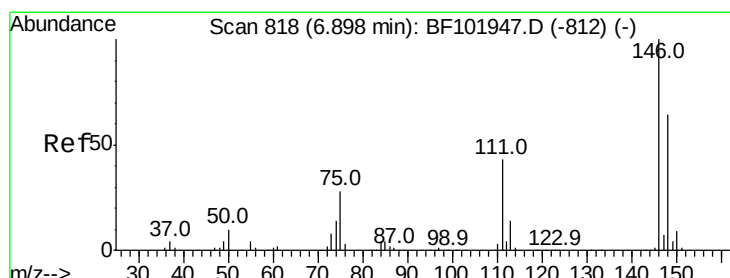
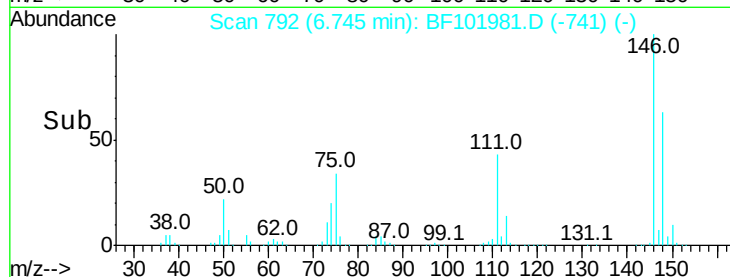
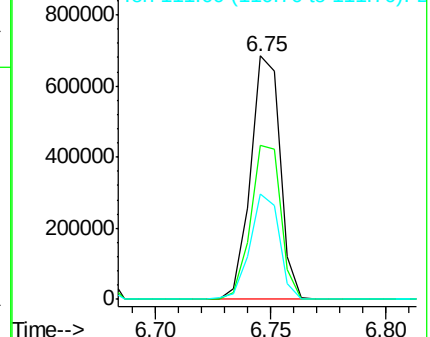
111 43.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.854 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

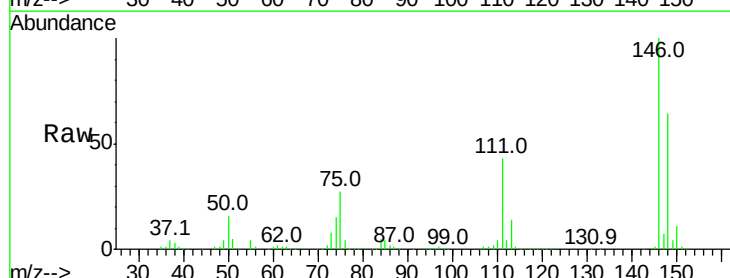
Tgt Ion:146 Resp: 569547

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

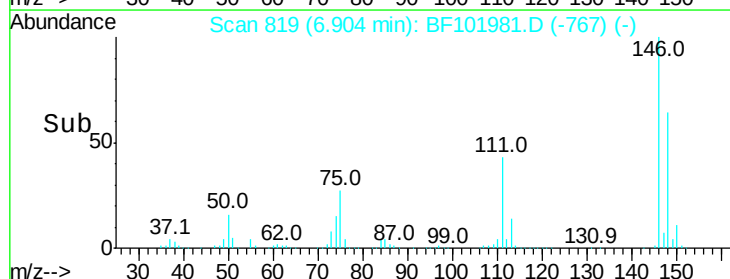
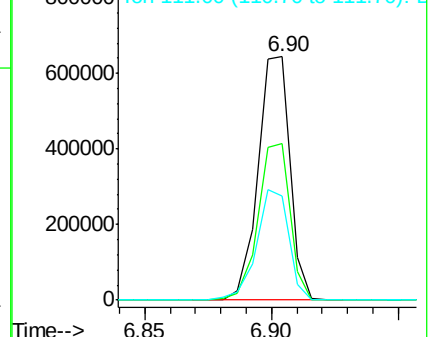
111 42.8 36.0 54.0

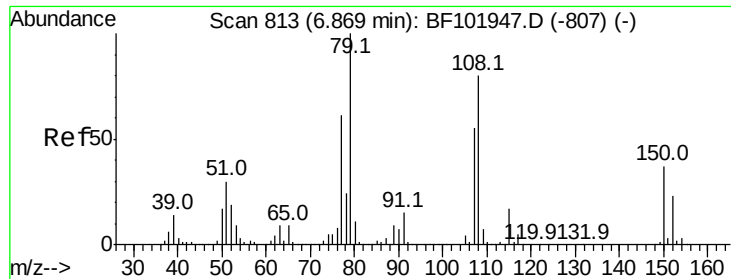


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

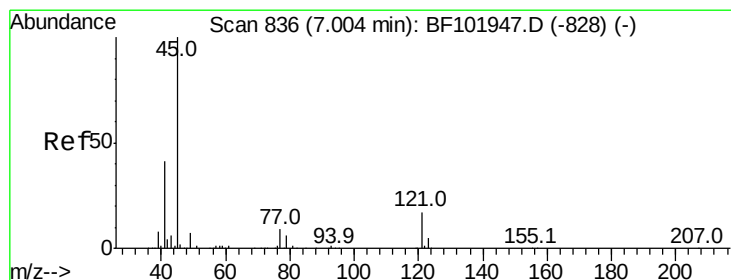
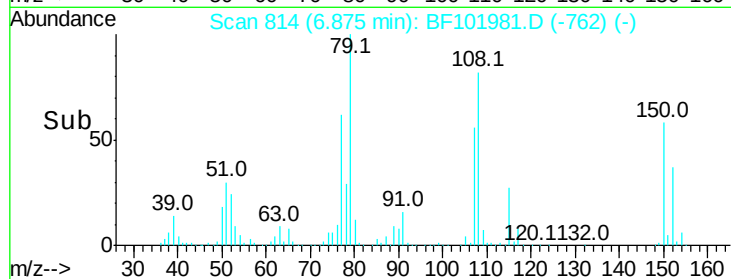
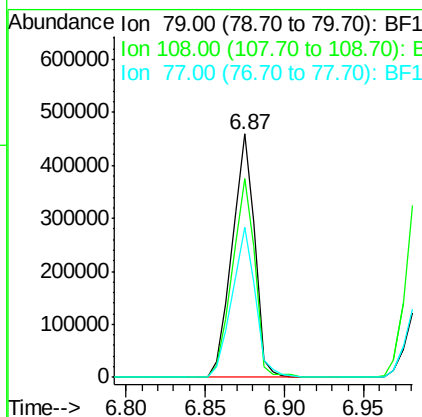
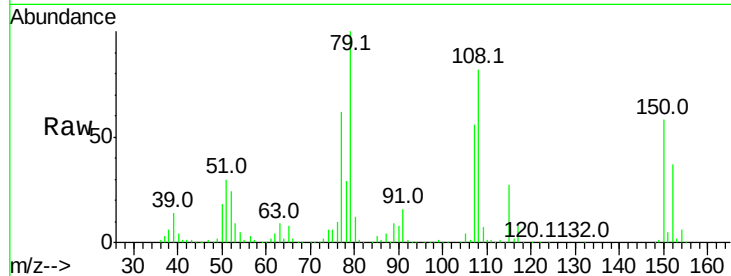




#15
Benzyl Alcohol
Concen: 36.923 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

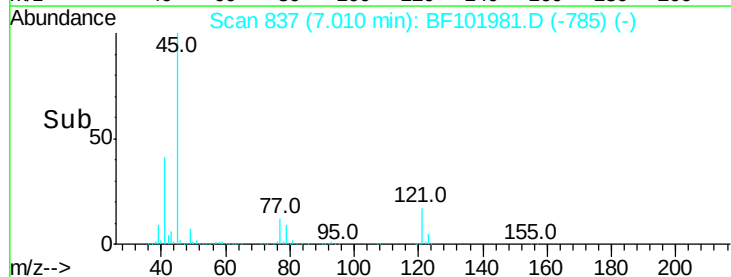
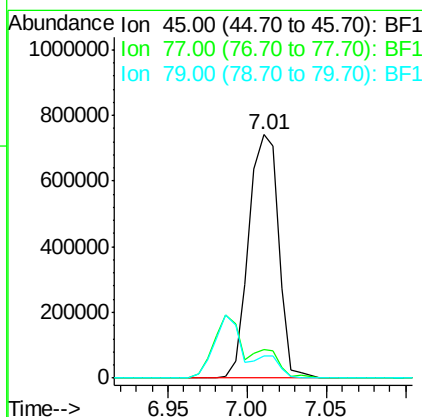
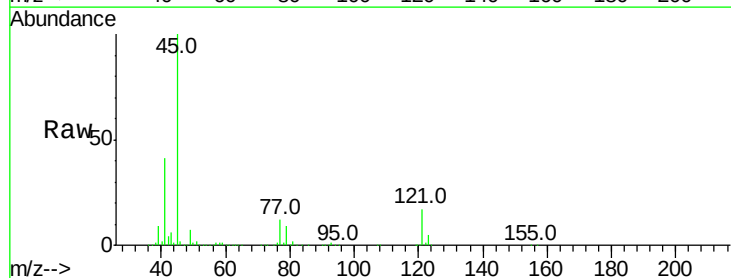
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

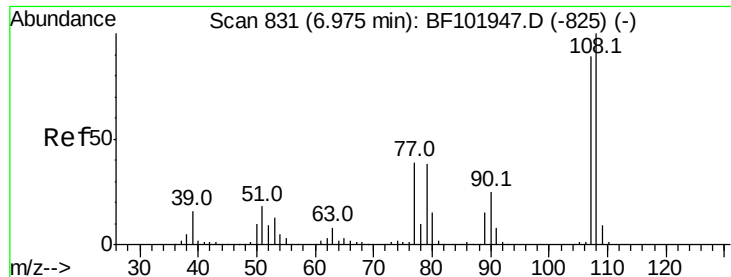
Tot Ion: 79 Resp: 454046
Ion Ratio Lower Upper
79 100
108 81.6 65.1 97.7
77 61.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.481 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Tgt Ion: 45 Resp: 972483
Ion Ratio Lower Upper
45 100
77 11.8 0.0 32.9
79 8.9 0.0 29.6





#17

2-Methylphenol

Concen: 37.282 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 475279

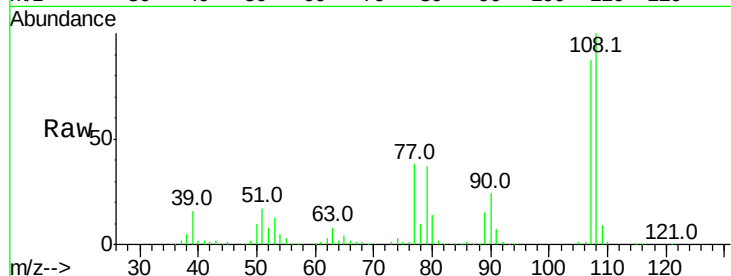
Ion Ratio Lower Upper

107 100

108 114.4 91.7 137.5

77 43.2 33.8 50.8

79 42.7 33.8 50.8

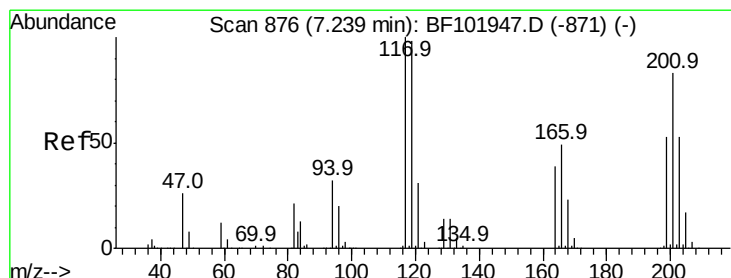
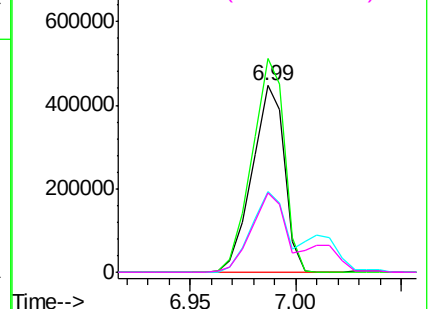
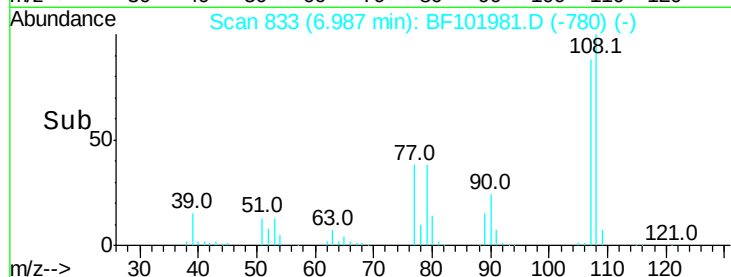


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.732 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

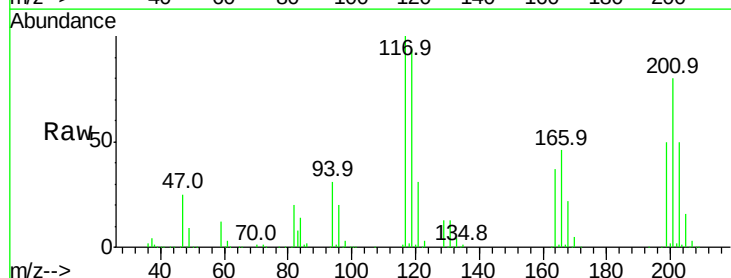
Tgt Ion:117 Resp: 221715

Ion Ratio Lower Upper

117 100

119 93.5 75.8 113.8

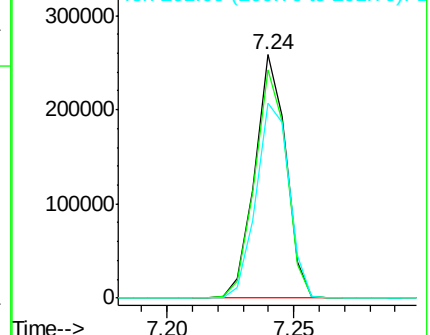
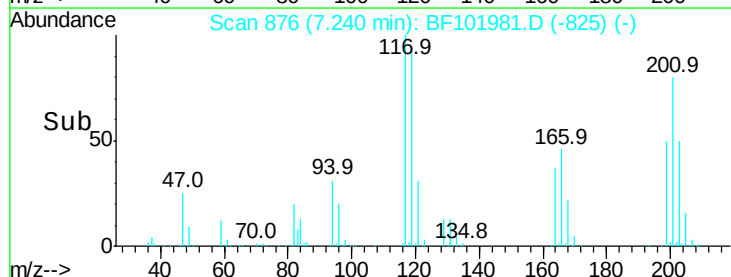
201 80.2 75.7 113.5

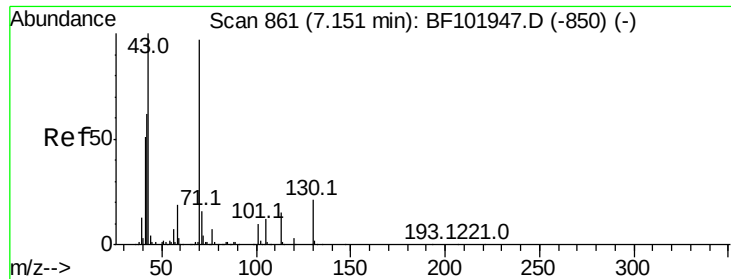


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

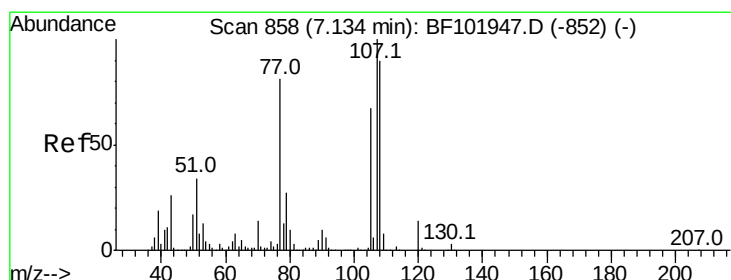
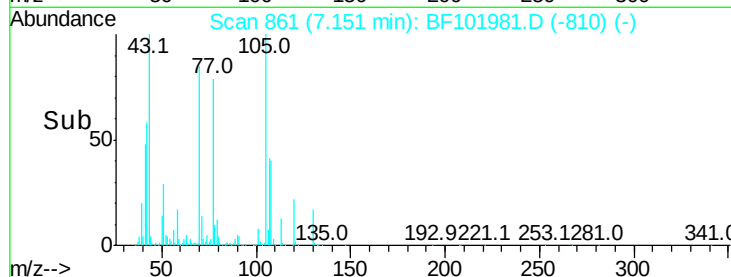
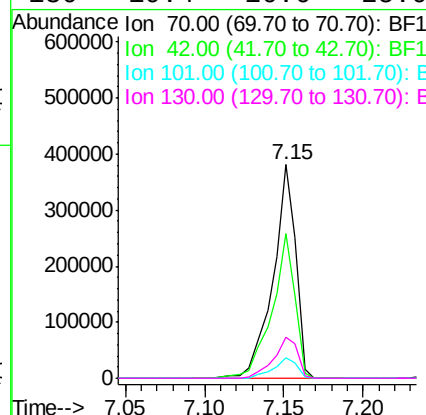
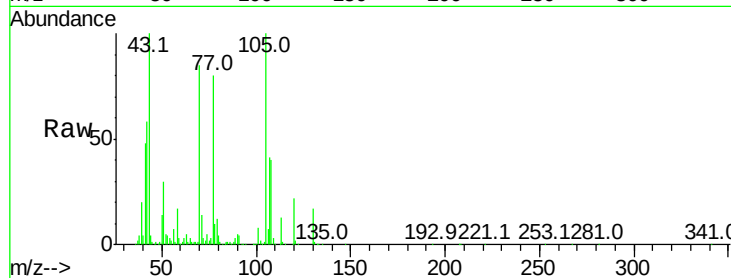




#19
n-Nitroso-di-n-propylamine
Concen: 34.756 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

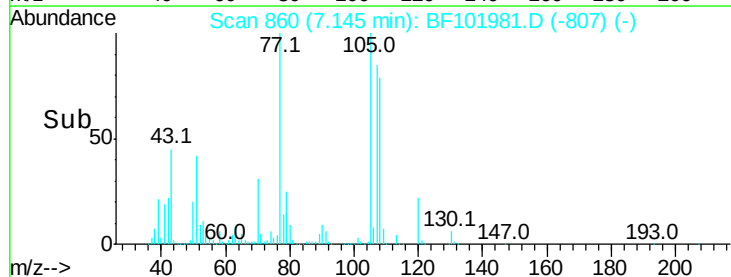
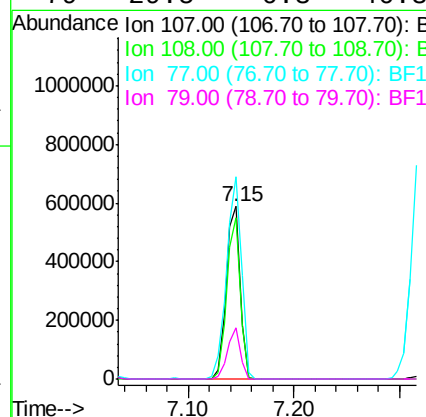
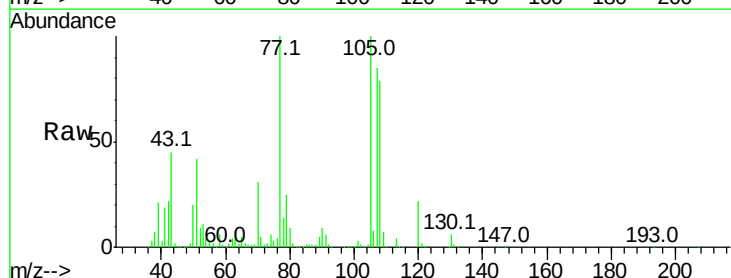
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

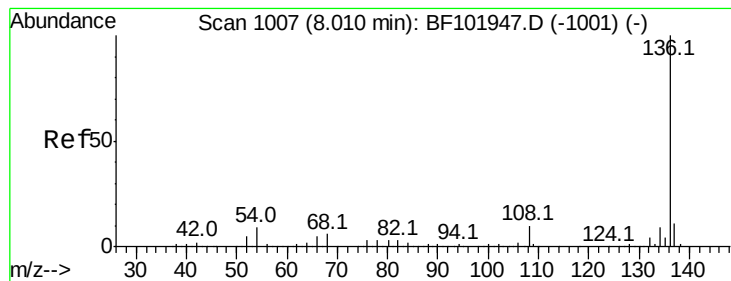
Tot Ion:	70	Resp:	382912
Ion	Ratio	Lower	Upper
70	100		
42	67.9	47.5	71.3
101	9.6	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.982 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Tgt Ion:	107	Resp:	550767
Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.2	108.2
77	117.5	26.7	66.7#
79	29.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 827004

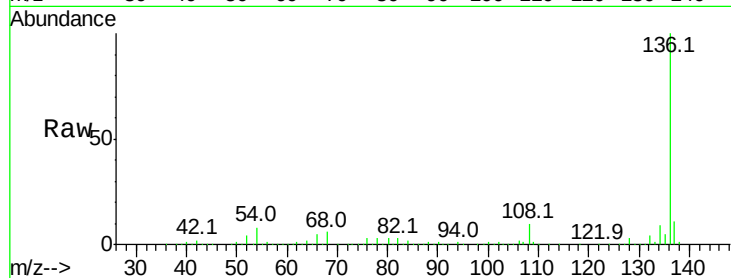
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.4 6.6 9.8

68 5.7 5.0 7.4

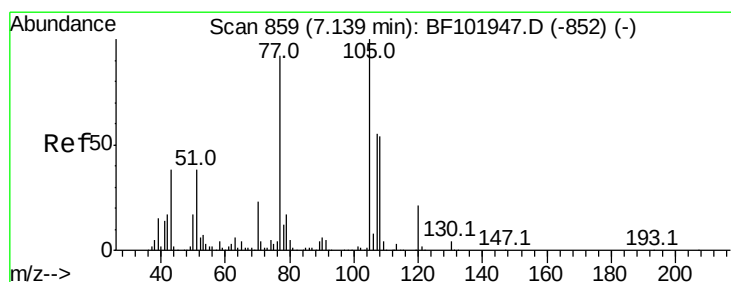
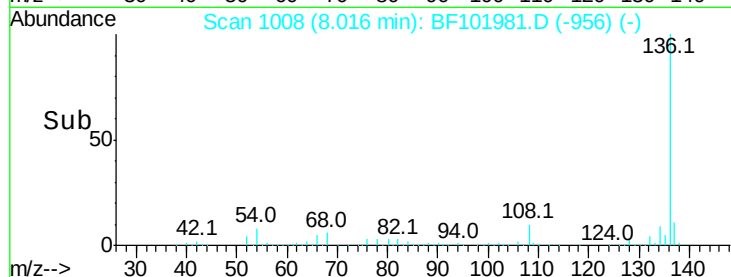
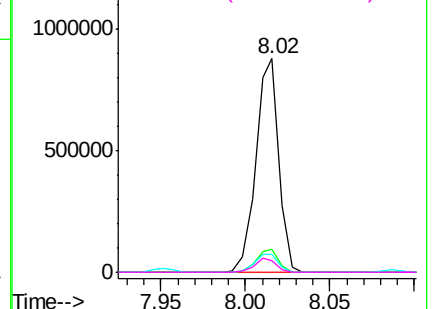


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.379 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Tgt Ion:105 Resp: 724884

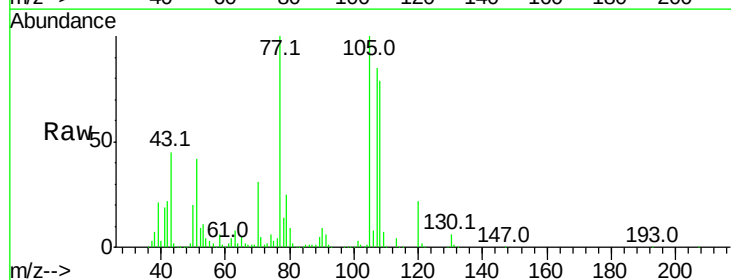
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 41.6 22.3 33.5#

120 21.6 16.9 25.3

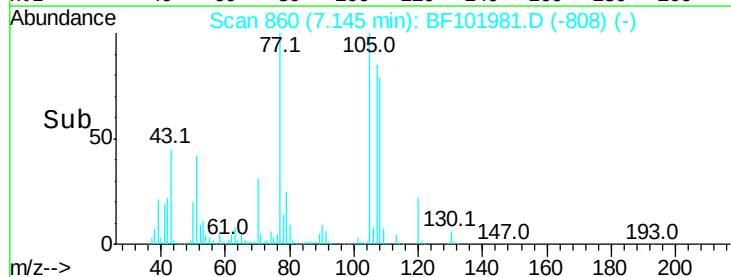
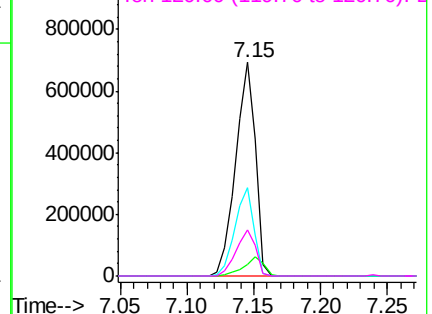


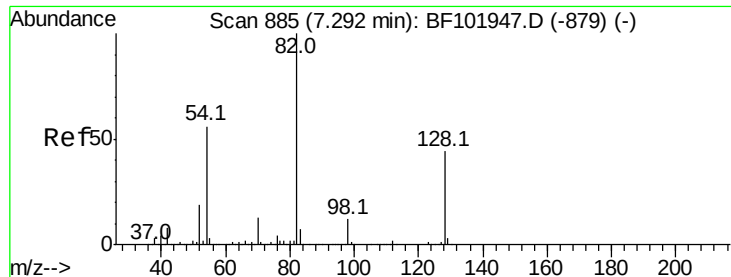
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

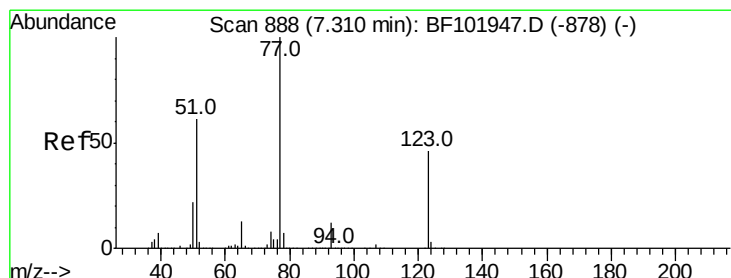
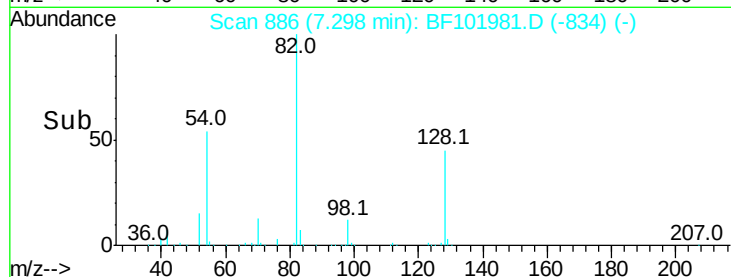
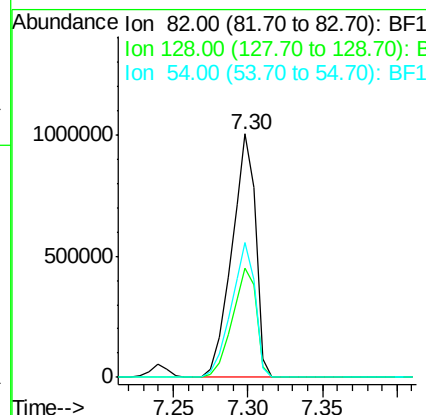
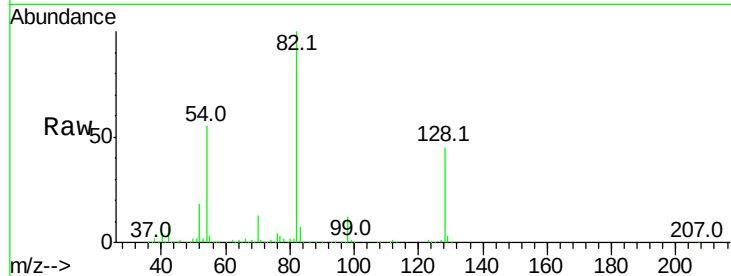




#23
 Nitrobenzene-d5
 Concen: 80.261 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

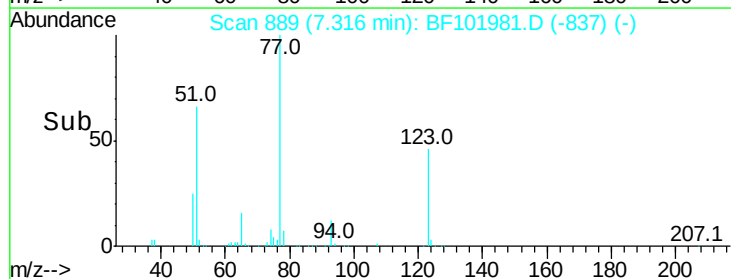
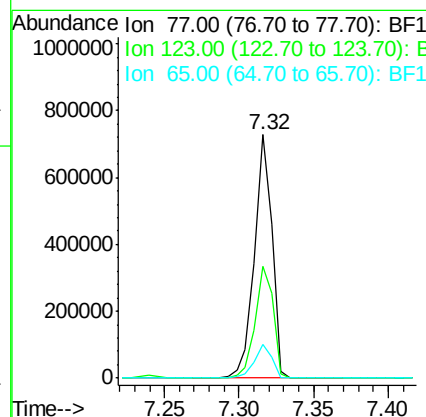
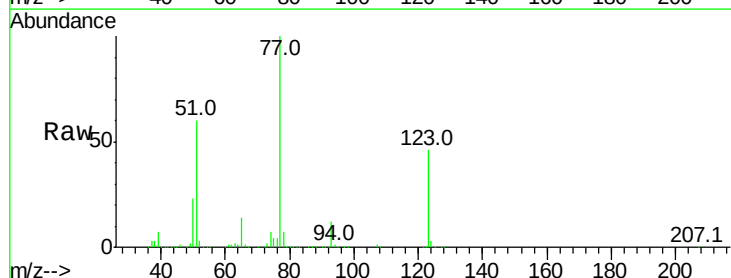
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

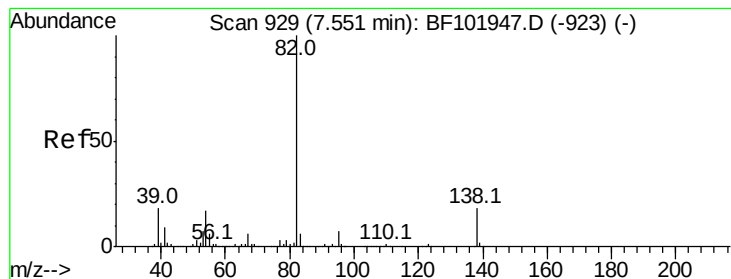
Tot Ion: 82 Resp: 1129543
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 55.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.137 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Tgt Ion: 77 Resp: 591842
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.9 56.9
 65 14.1 11.0 16.4





#25

Isophorone

Concen: 36.880 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

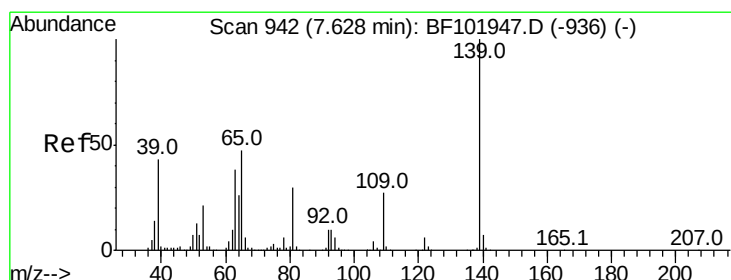
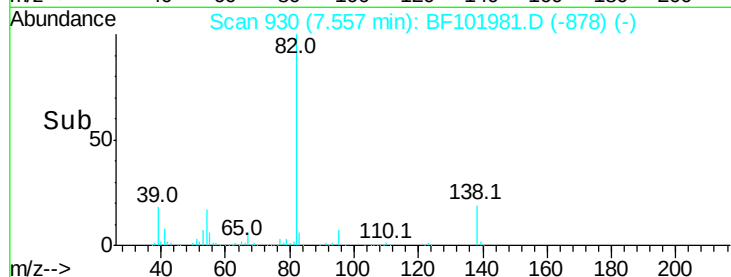
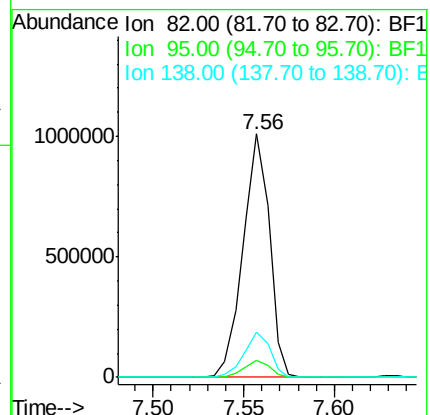
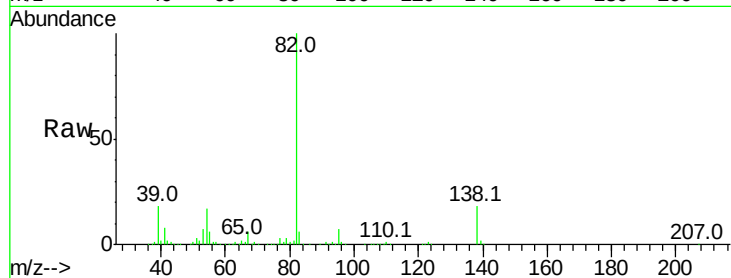
Tot Ion: 82 Resp: 1025555

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 45.634 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

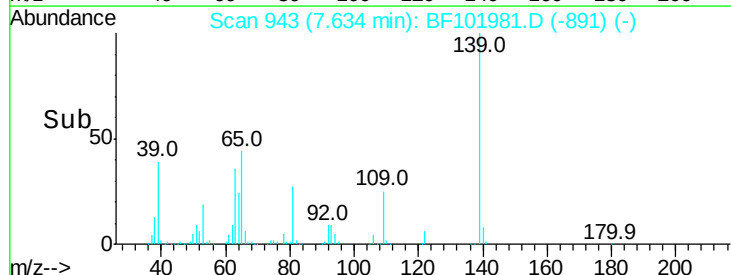
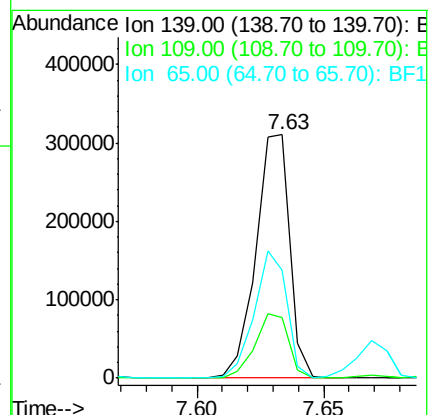
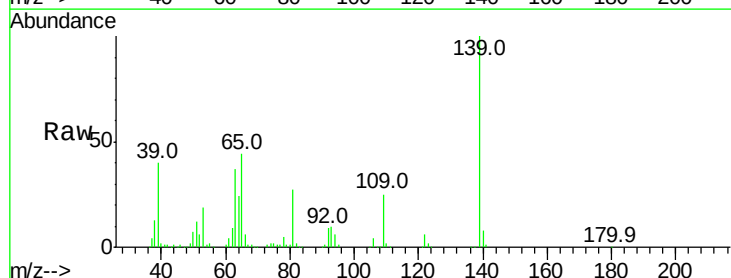
Tgt Ion: 139 Resp: 288841

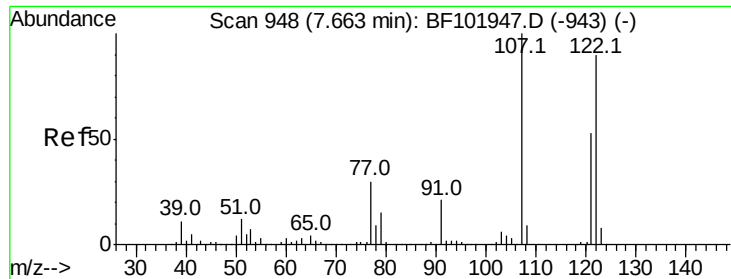
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 44.5 40.5 60.7

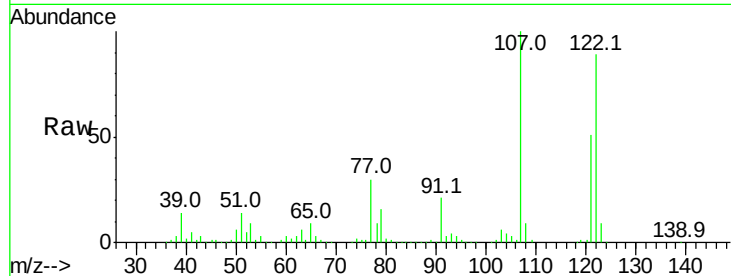




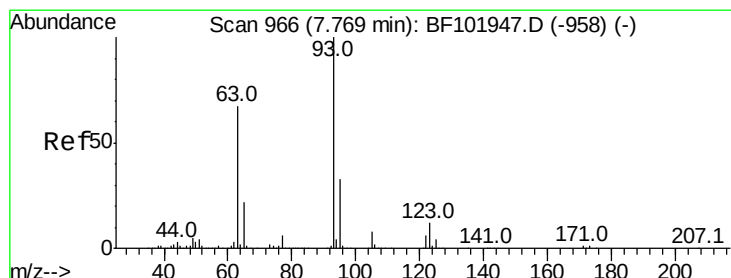
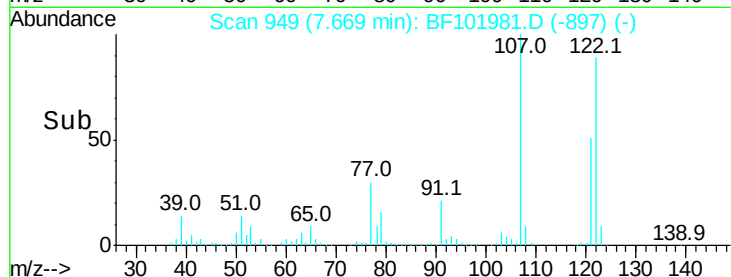
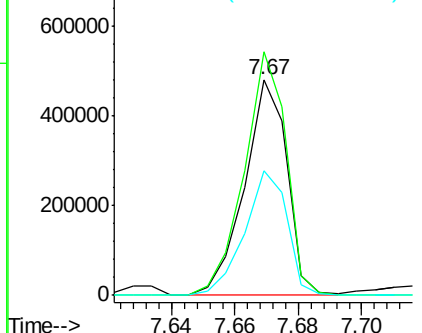
#27
2,4-Dimethylphenol
Concen: 37.921 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 448263
Ion Ratio Lower Upper
122 100
107 112.7 91.2 136.8
121 58.0 47.2 70.8

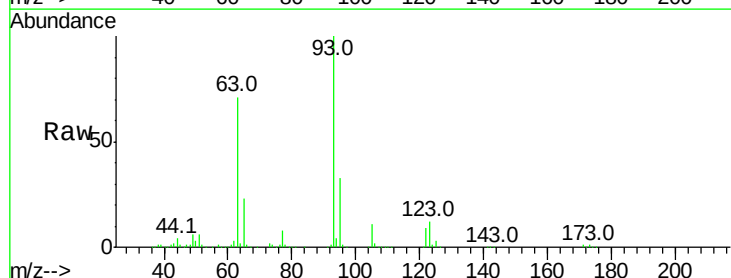


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

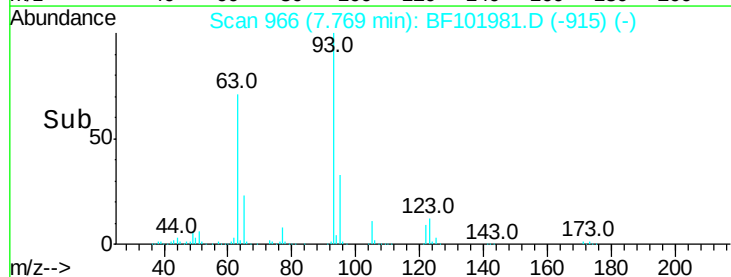
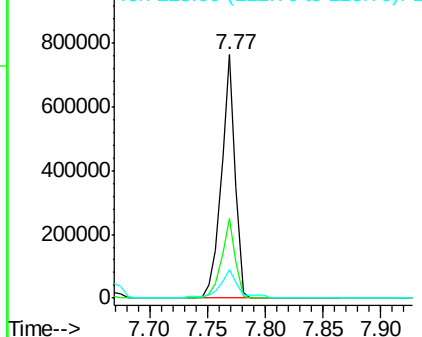


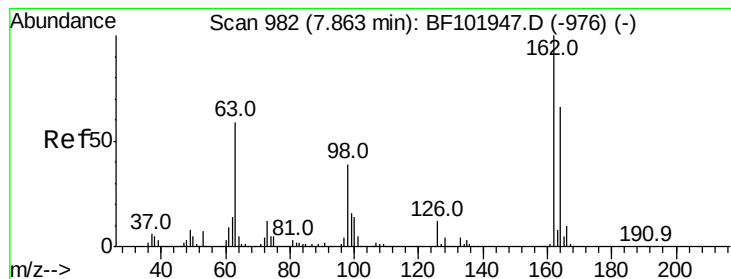
#28
bis(2-Chloroethoxy)methane
Concen: 37.338 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Tgt Ion: 93 Resp: 626919
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.7 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: 39.460 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

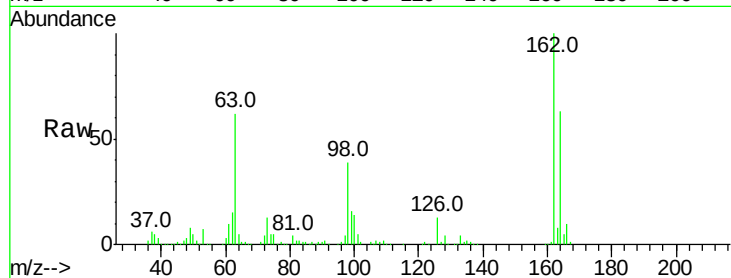
Tot Ion:162 Resp: 442911

Ion Ratio Lower Upper

162 100

164 62.8 42.7 82.7

98 38.6 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

600000

500000

400000

300000

200000

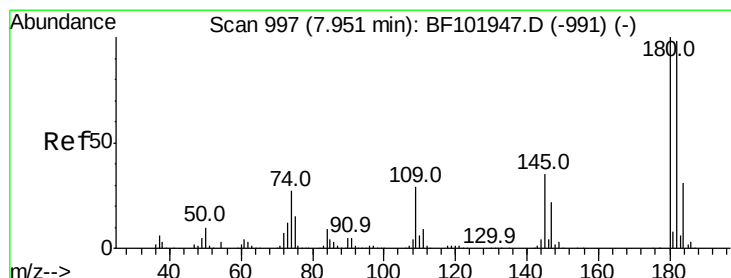
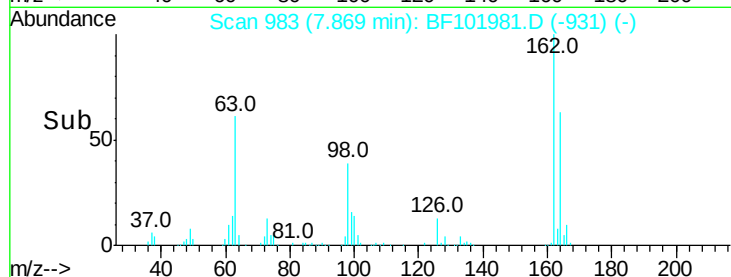
100000

0

7.87

7.80 7.85 7.90 7.95

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 38.592 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

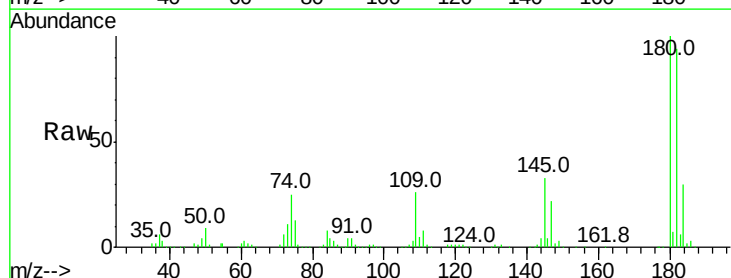
Tgt Ion:180 Resp: 453090

Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

145 32.9 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

600000

400000

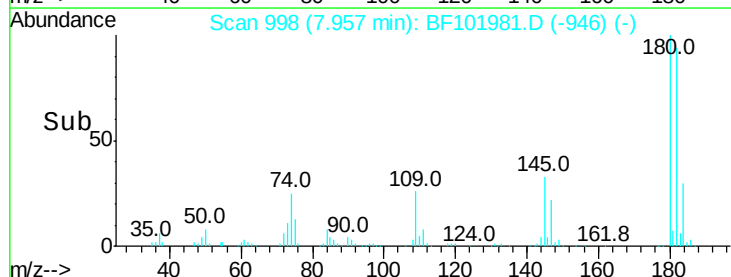
200000

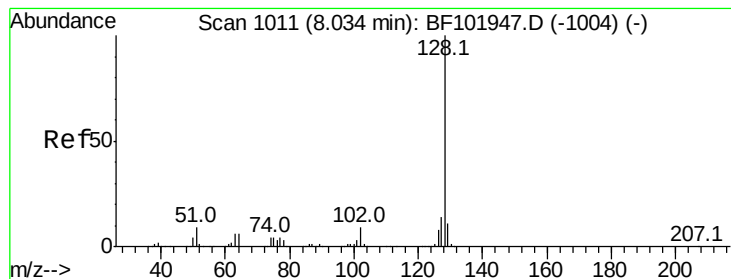
0

7.96

7.90 7.95 8.00

Time-->





#31

Naphthalene

Concen: 37.720 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

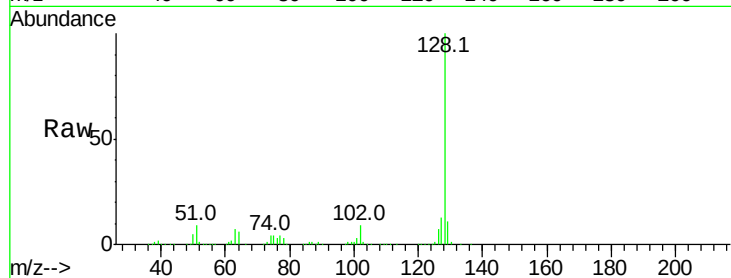
Tot Ion:128 Resp: 1558762

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

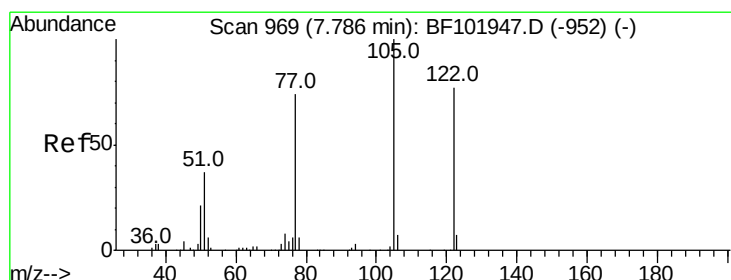
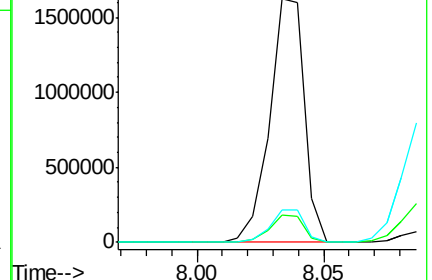
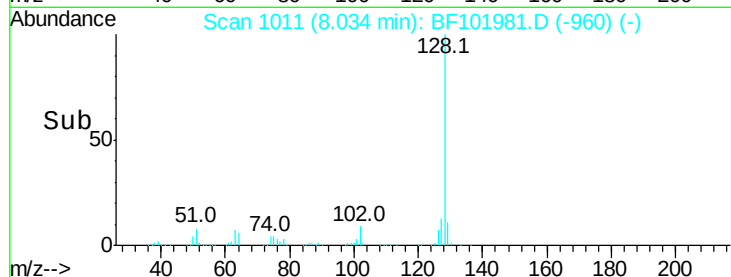
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.308 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

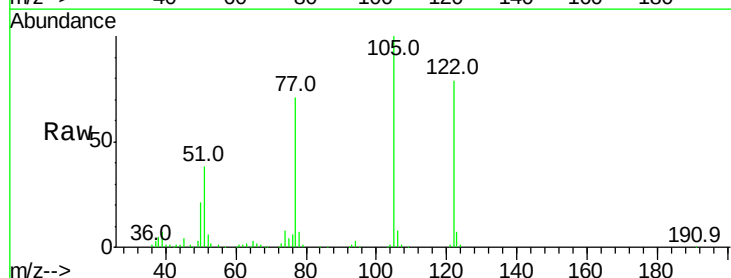
Tgt Ion:122 Resp: 406130

Ion Ratio Lower Upper

122 100

105 126.2 101.1 141.1

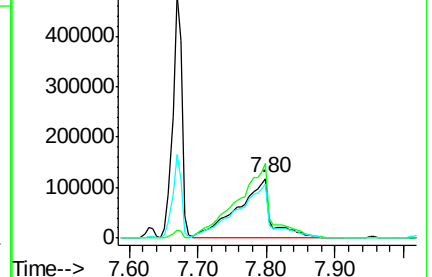
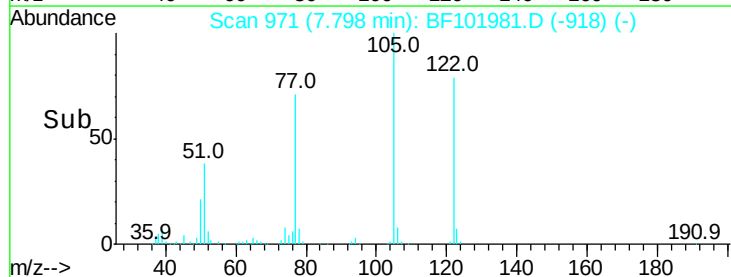
77 90.2 70.7 110.7

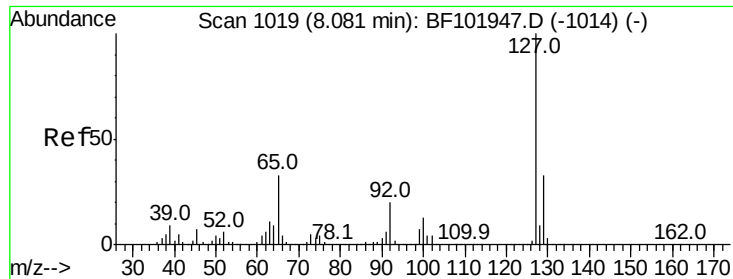


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

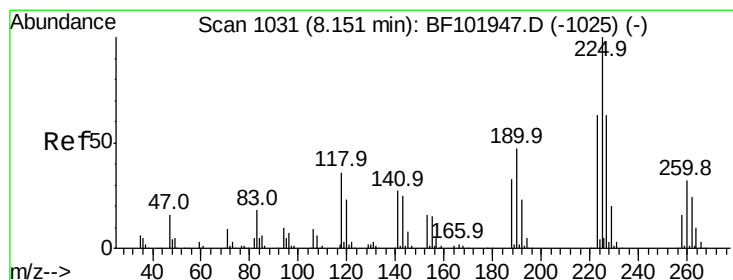
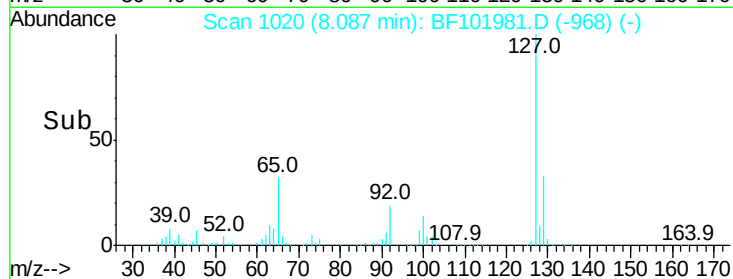
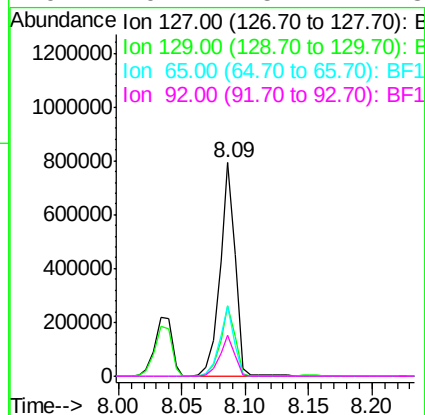
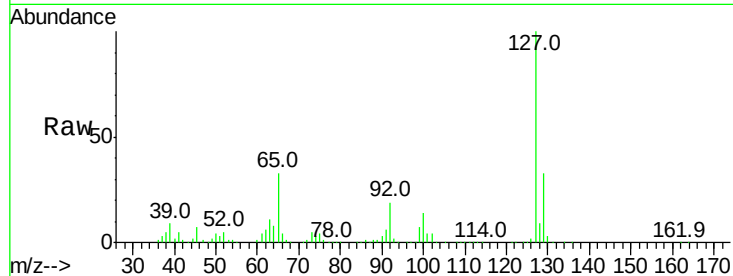




#33
4-Chloroaniline
Concen: 37.841 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

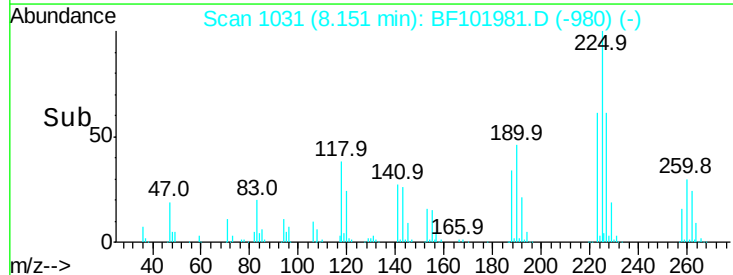
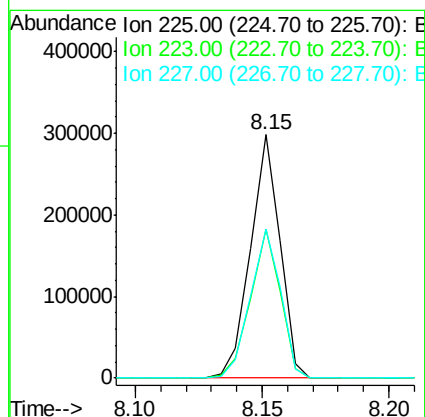
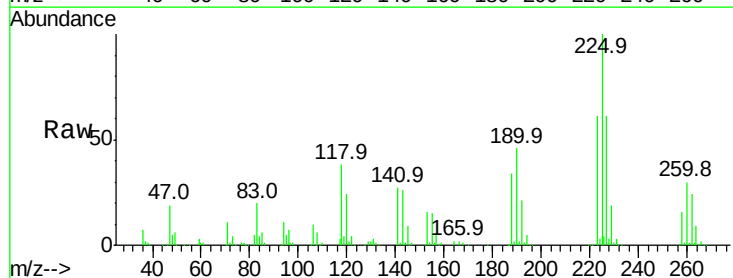
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

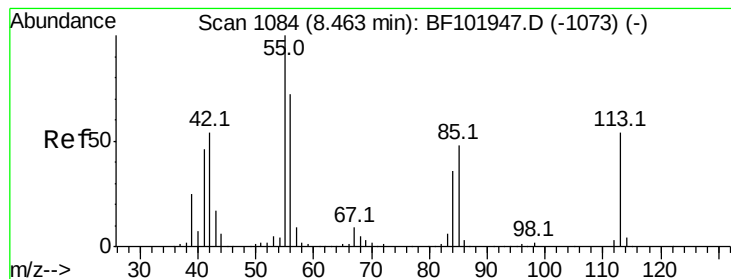
Tot Ion:	127	Resp:	667437
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	32.9	25.0	37.4
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.995 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Tgt Ion:	225	Resp:	242337
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	61.4	51.9	77.9





#35

Caprolactam

Concen: 38.777 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

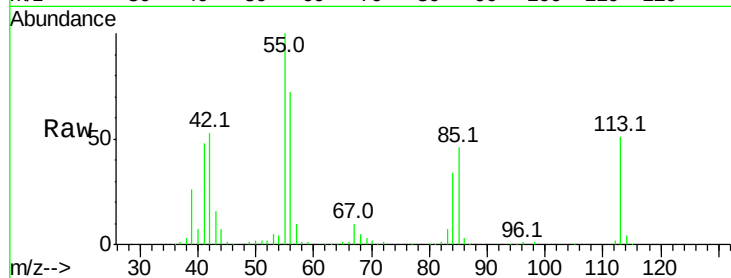
Tot Ion:113 Resp: 149419

Ion Ratio Lower Upper

113 100

55 197.8 163.3 203.3

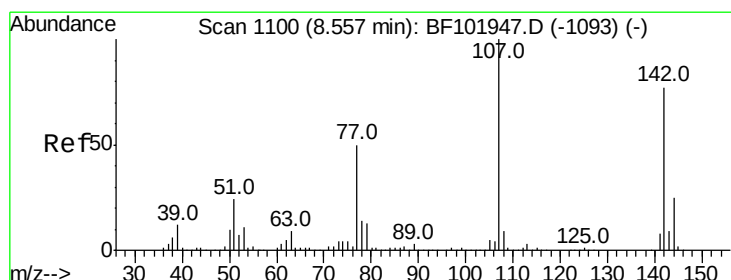
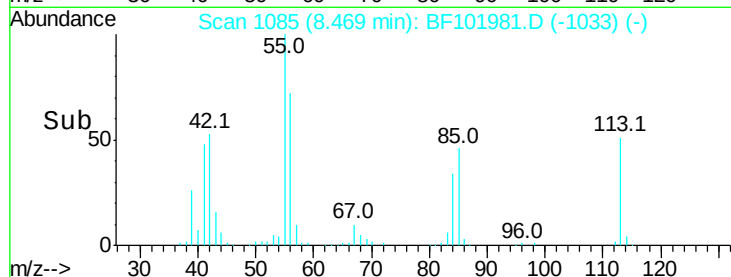
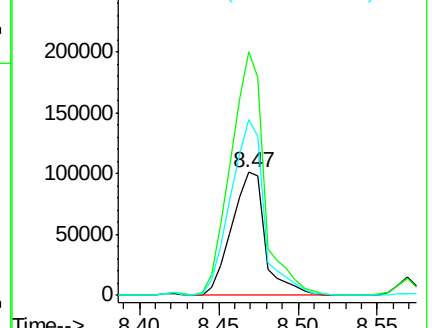
56 142.6 115.7 155.7



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: 37.666 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

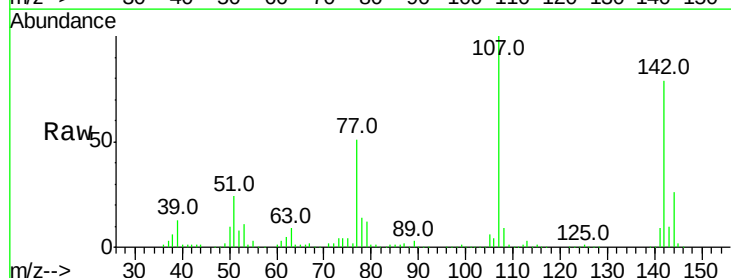
Tgt Ion:107 Resp: 462776

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

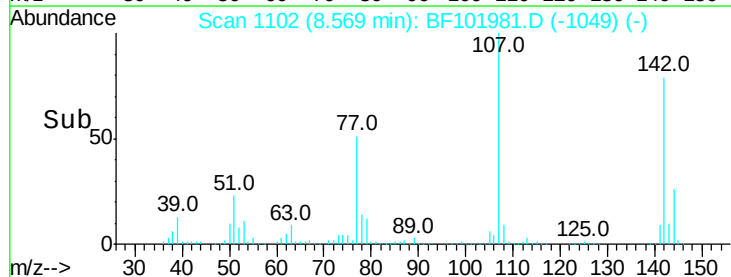
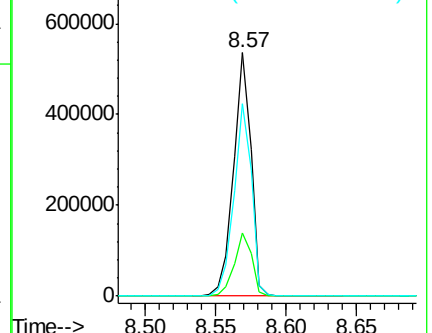
142 78.9 62.0 93.0

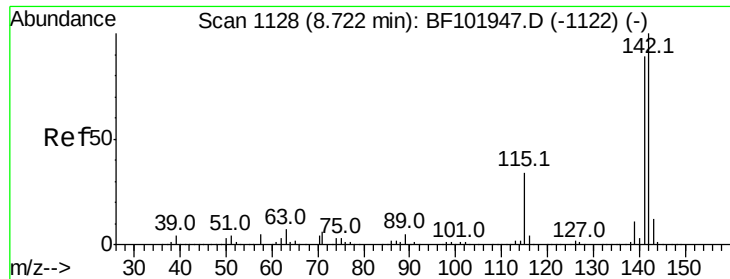


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

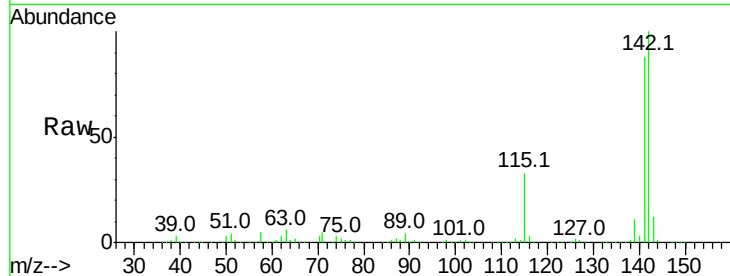




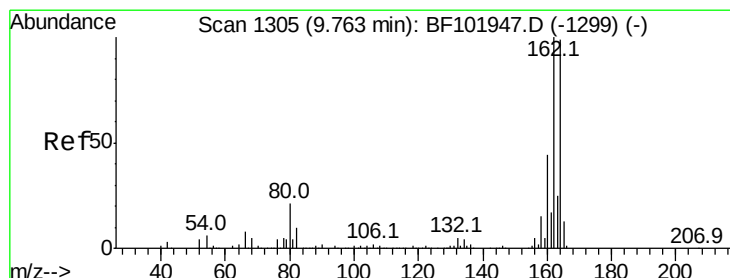
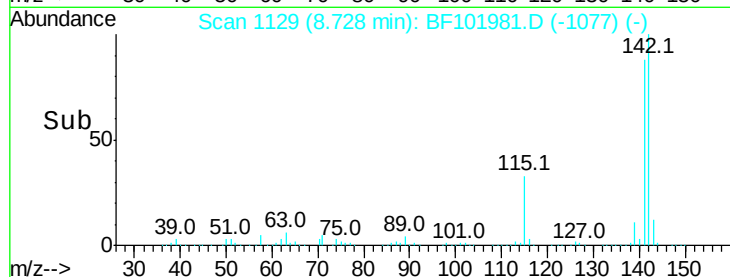
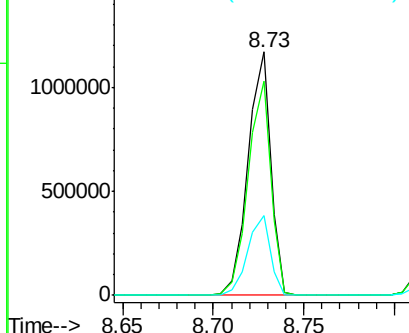
#37
2-Methylnaphthalene
Concen: 37.503 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1020271
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2
115 32.6 26.1 39.1

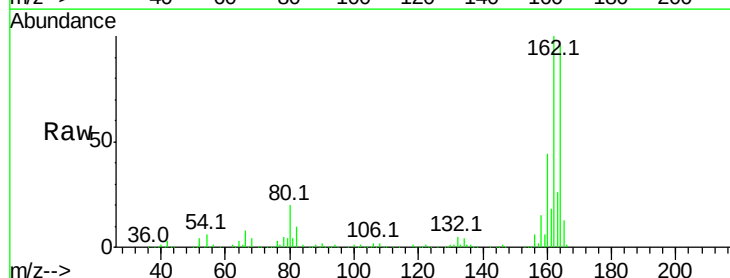


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

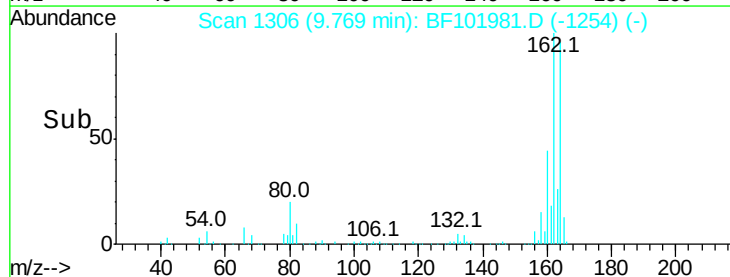
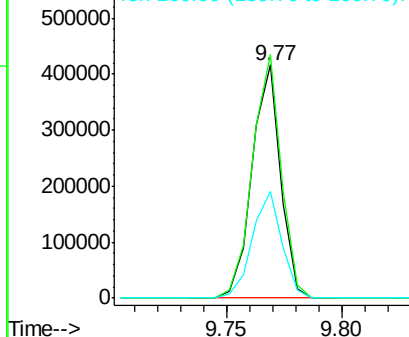


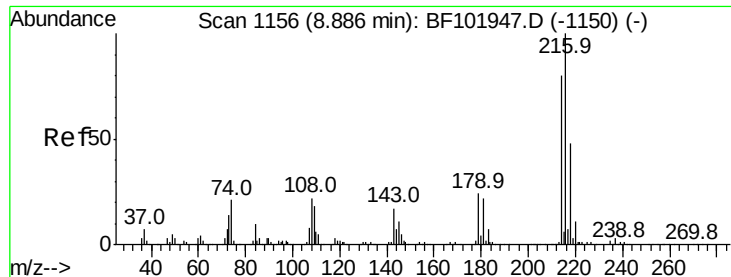
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Tgt Ion:164 Resp: 357814
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 45.9 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

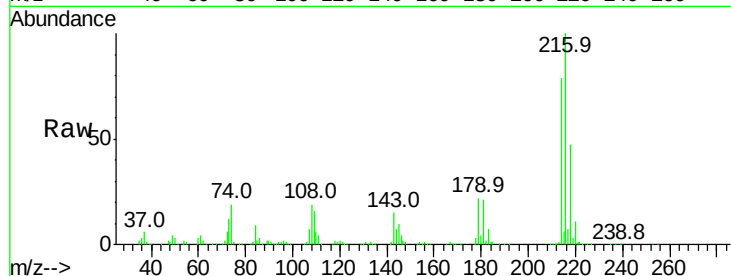




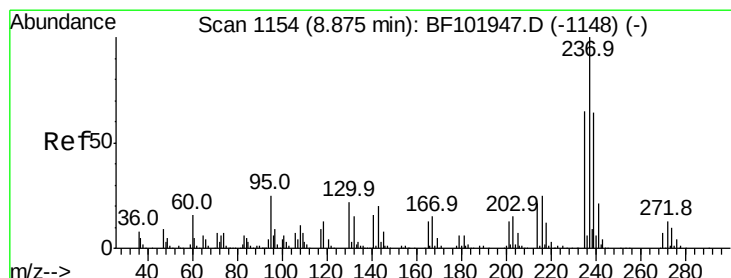
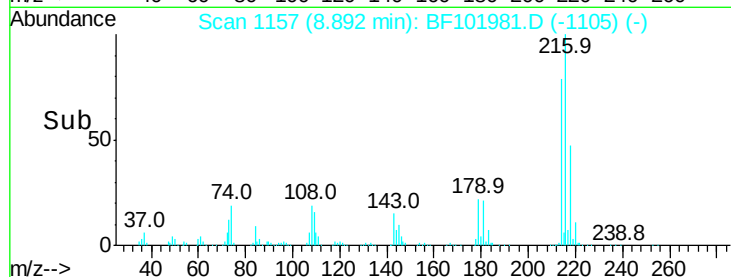
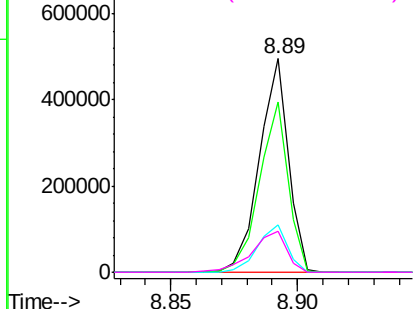
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.252 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	397339
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.8	18.1	27.1
108	22.8	17.2	25.8

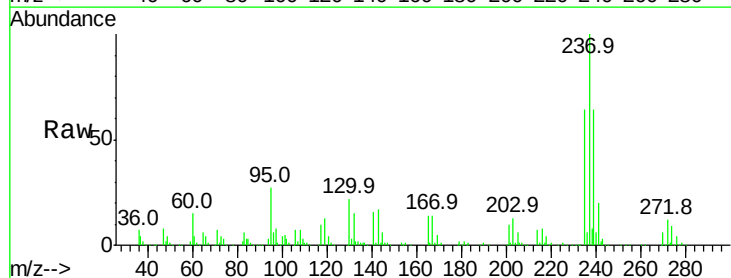


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

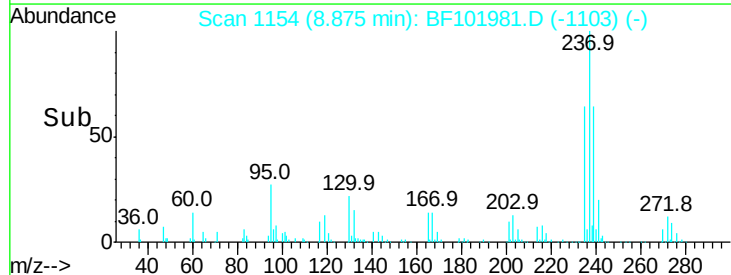
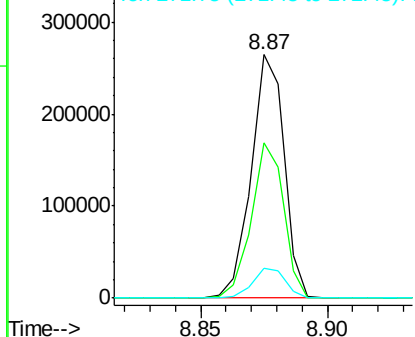


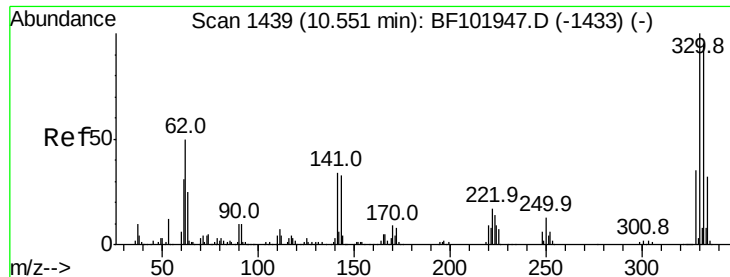
#40
 Hexachlorocyclopentadiene
 Concen: 43.367 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Tgt Ion:	237	Resp:	240084
Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.8	84.8
272	12.1	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

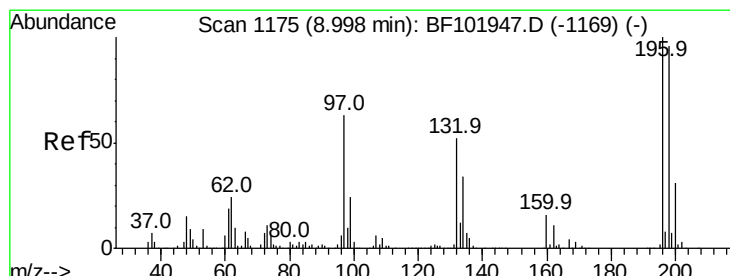
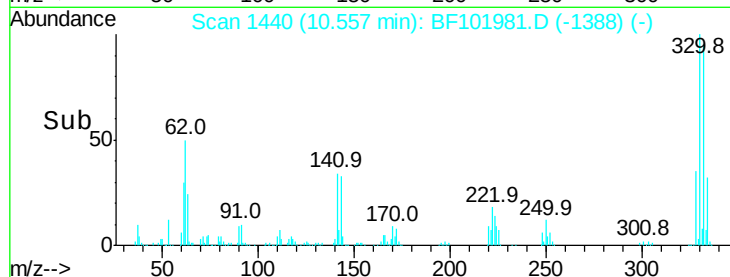
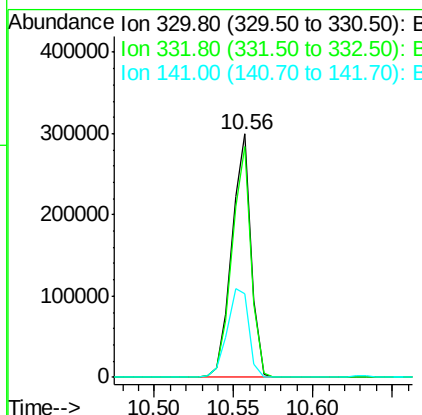
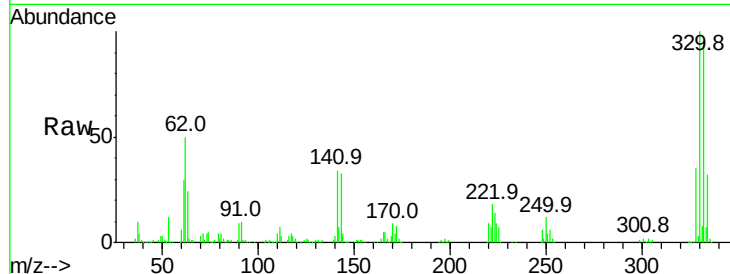




#41
 2,4,6-Tribromophenol
 Concen: 80.876 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

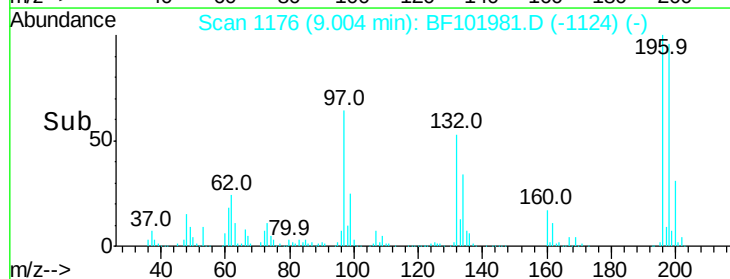
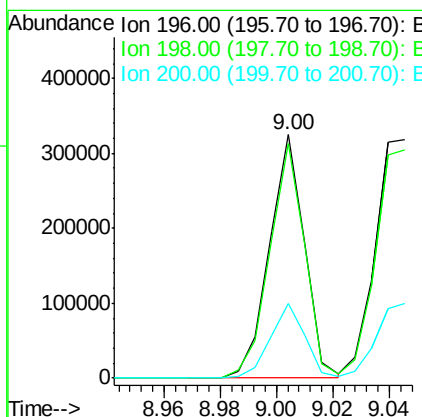
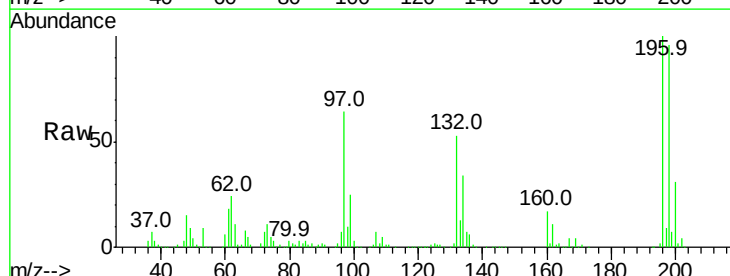
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

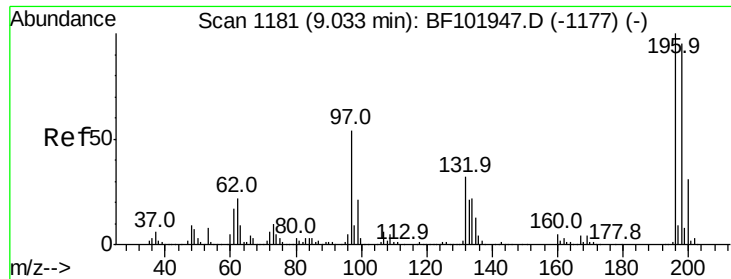
Tot Ion:330 Resp: 252542
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 40.8 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.066 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Tgt Ion:196 Resp: 279489
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 200 30.9 24.5 36.7

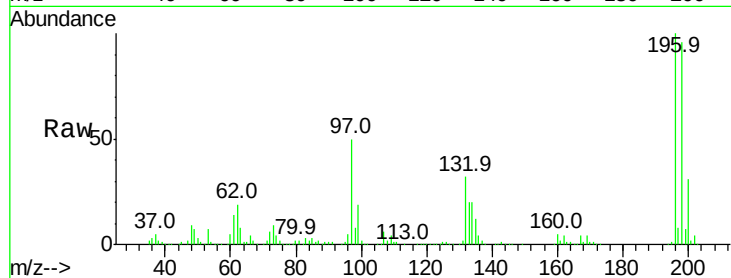




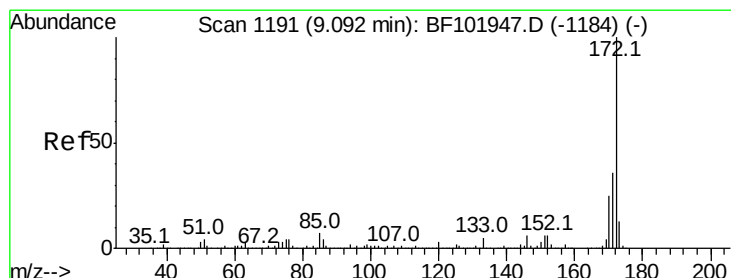
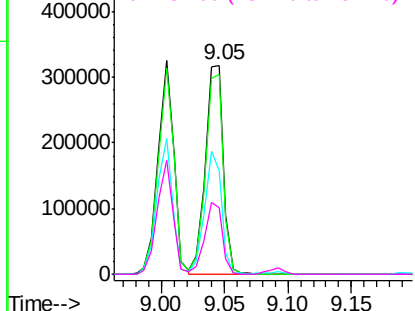
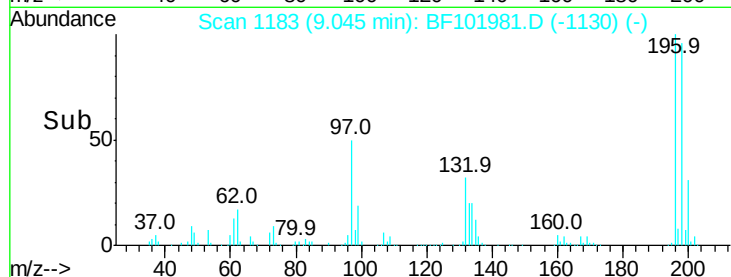
#43
 2,4,5-Trichlorophenol
 Concen: 40.158 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 316618
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 49.6 42.9 64.3
 132 31.7 26.3 39.5

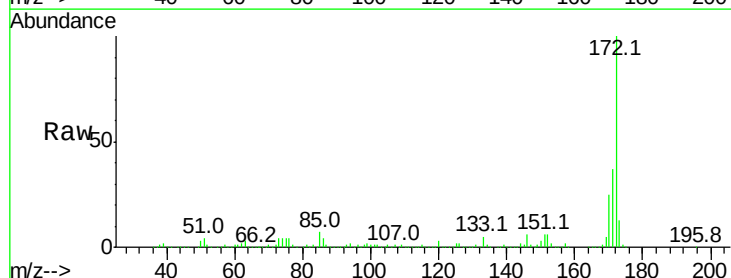


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

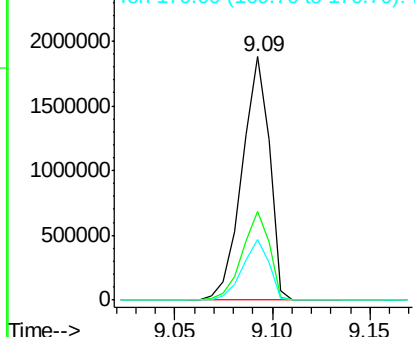
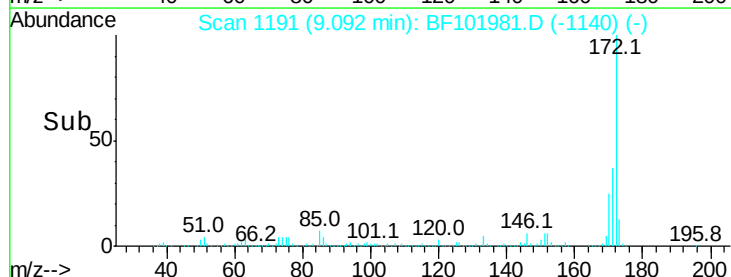


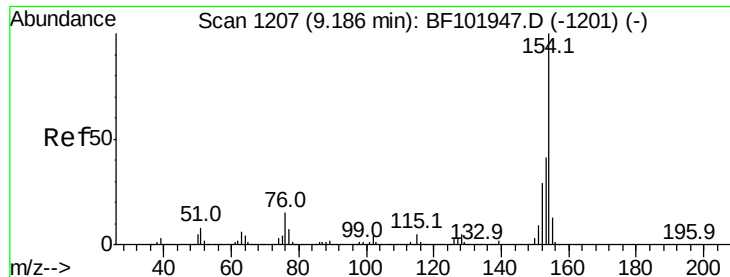
#44
 2-Fluorobiphenyl
 Concen: 79.726 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Tgt Ion:172 Resp: 1826010
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.7 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: 37.718 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

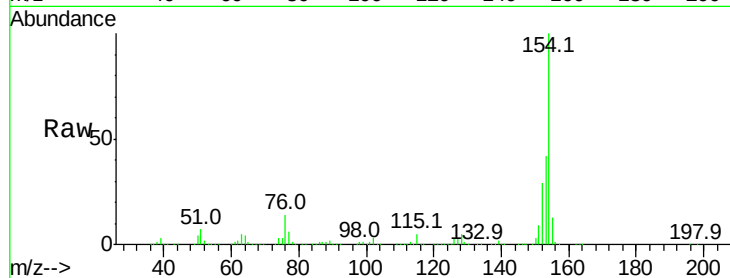
Tot Ion:154 Resp: 1192908

Ion Ratio Lower Upper

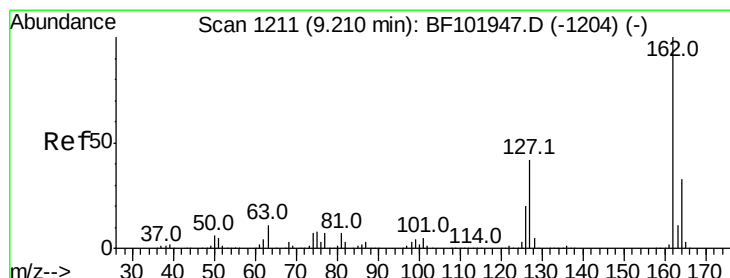
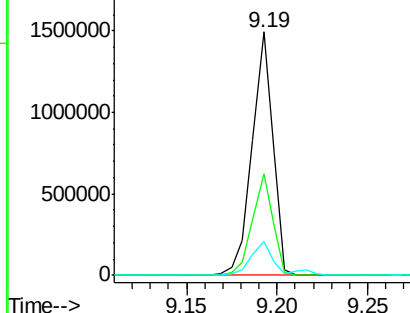
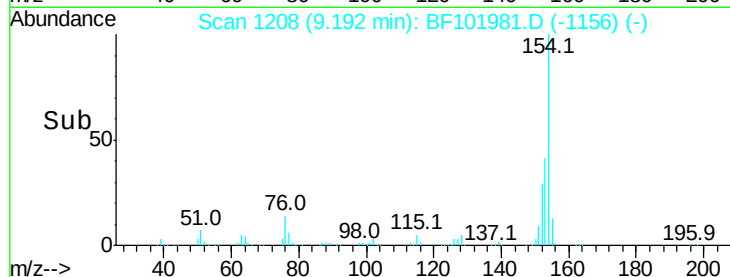
154 100

153 41.6 21.3 61.3

76 13.7 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: 38.527 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

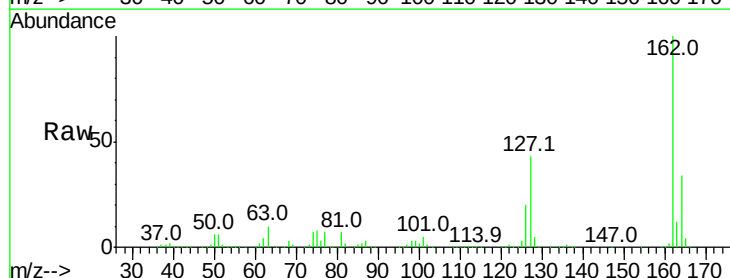
Tgt Ion:162 Resp: 944881

Ion Ratio Lower Upper

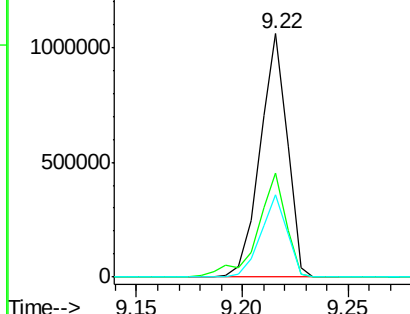
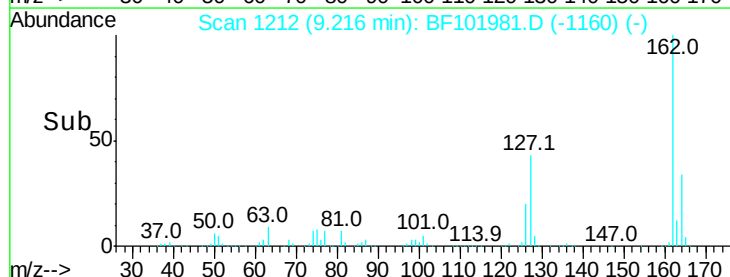
162 100

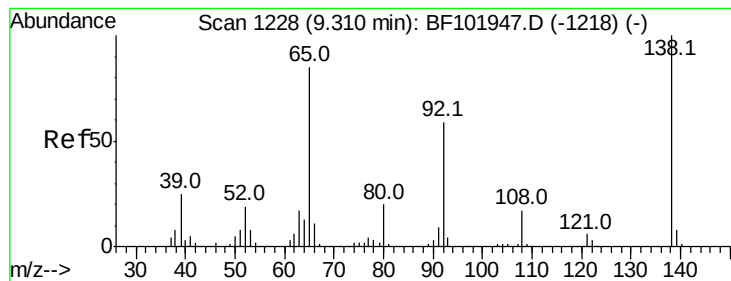
127 42.7 33.9 50.9

164 33.9 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: 43.970 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

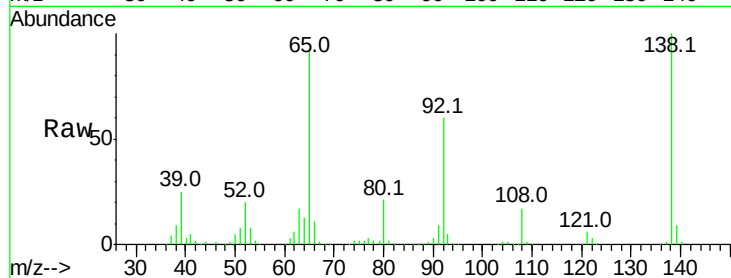
Tot Ion: 65 Resp: 323024

Ion Ratio Lower Upper

65 100

92 65.4 55.8 83.6

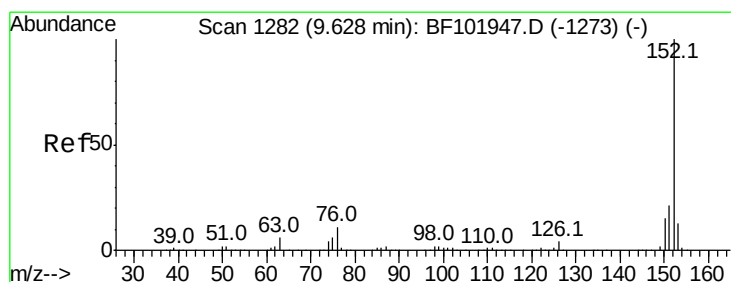
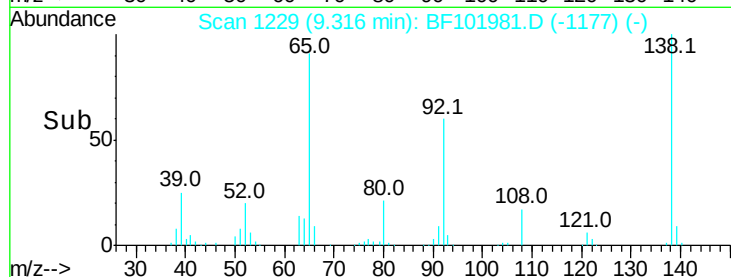
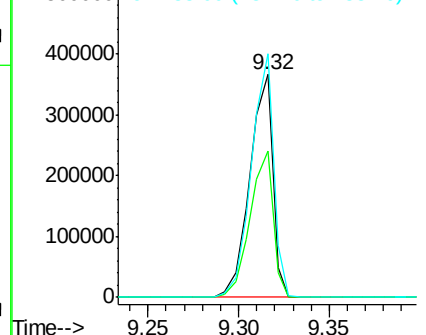
138 109.2 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 38.217 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

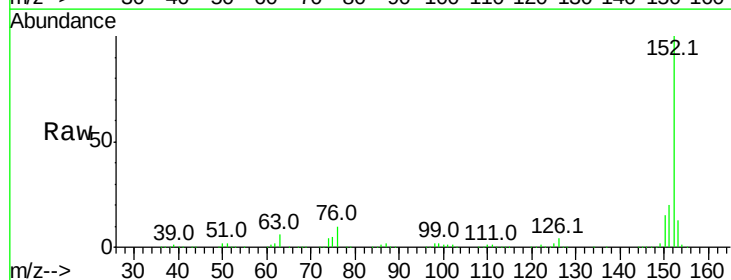
Tgt Ion: 152 Resp: 1487442

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

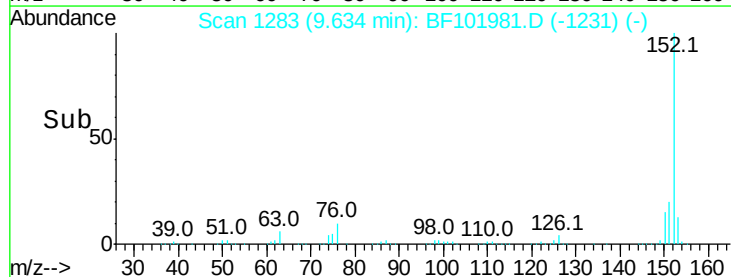
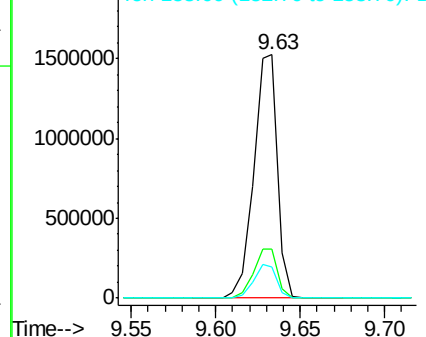
153 12.9 10.7 16.1

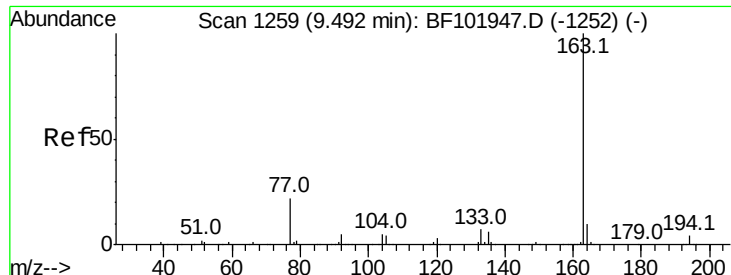


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

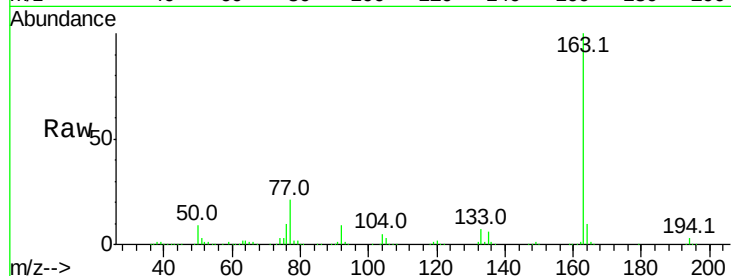




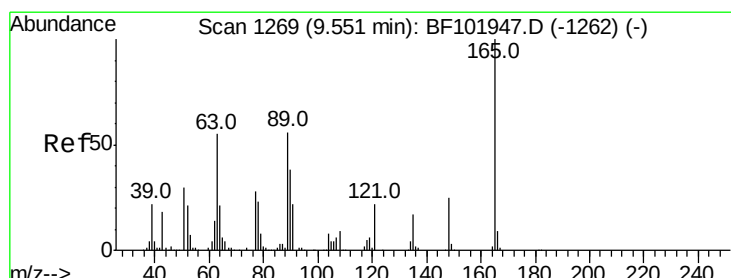
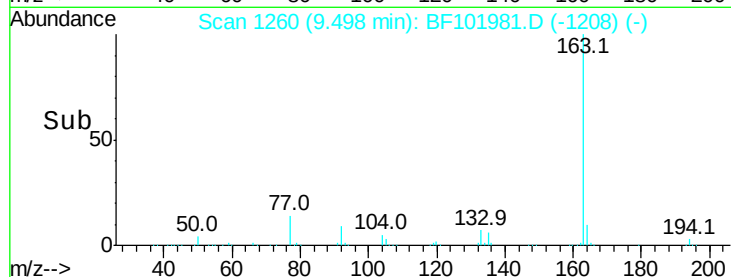
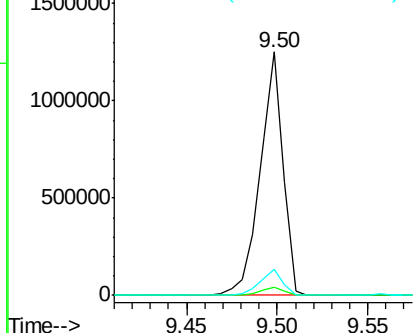
#49
Dimethylphthalate
Concen: 38.158 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1095301
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

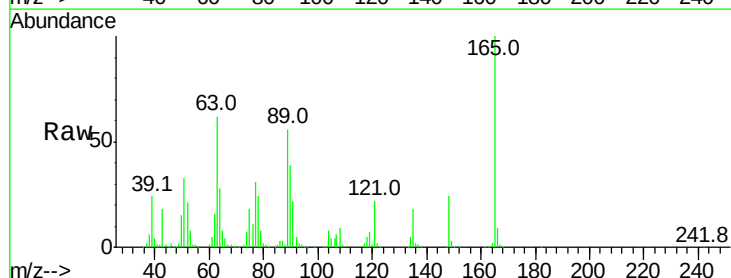


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

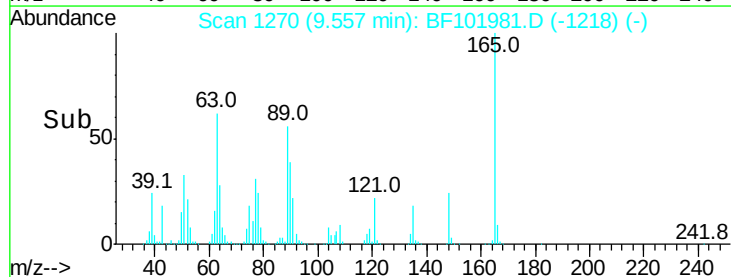
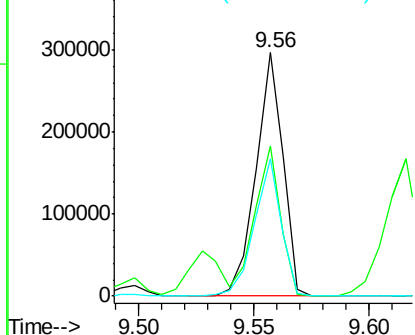


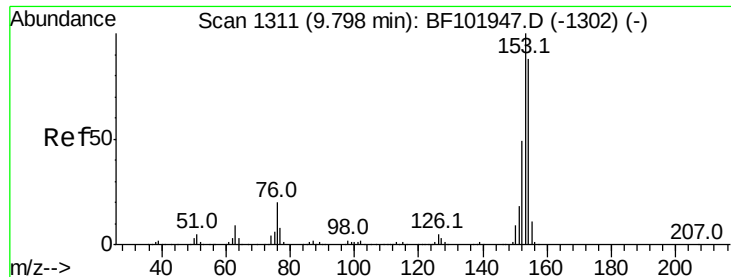
#50
2,6-Dinitrotoluene
Concen: 42.376 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Tgt Ion:165 Resp: 242970
Ion Ratio Lower Upper
165 100
63 61.9 44.7 67.1
89 56.2 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: 36.876 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

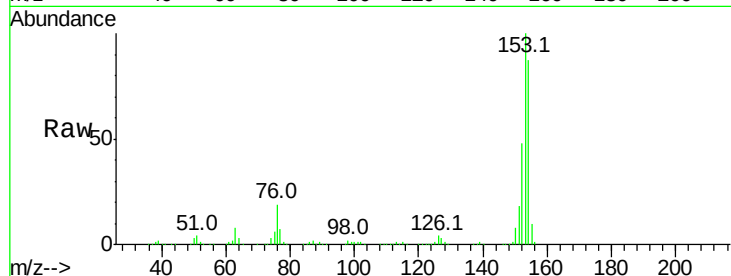
Tot Ion:154 Resp: 871156

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

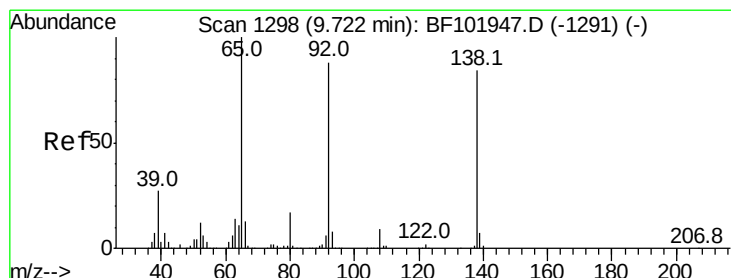
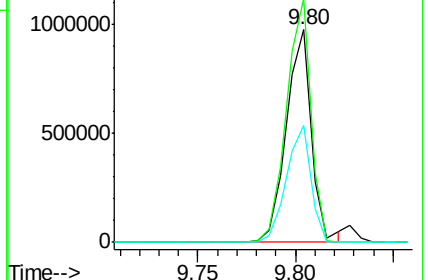
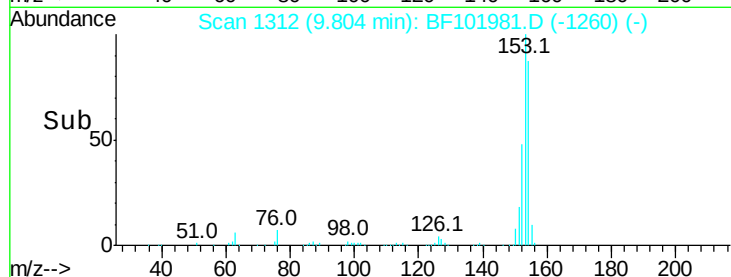
152 55.3 43.8 65.8



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: 41.192 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

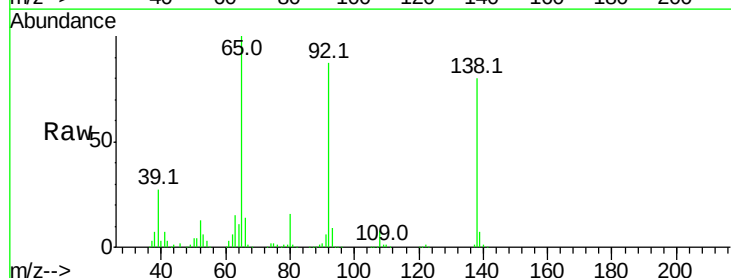
Tgt Ion:138 Resp: 298074

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

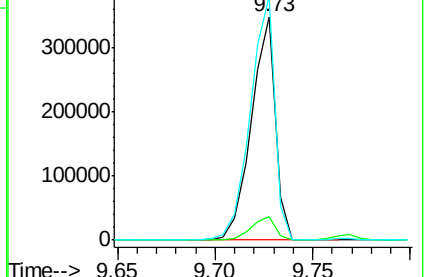
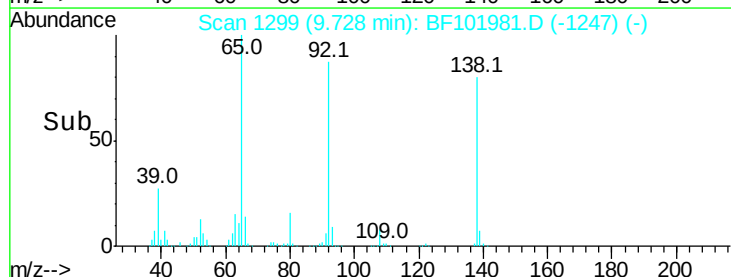
92 108.9 89.4 134.2

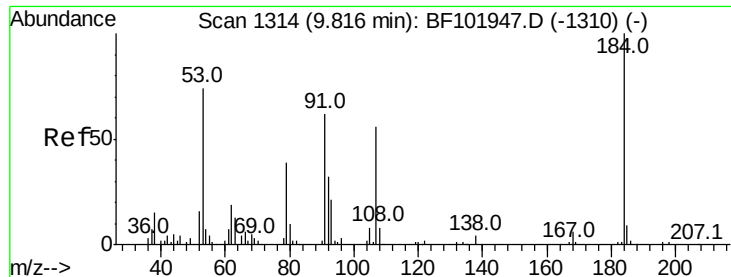


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

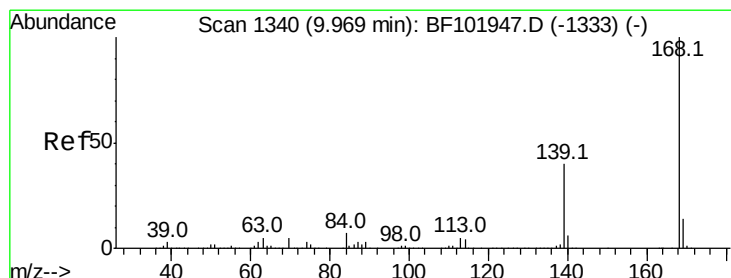
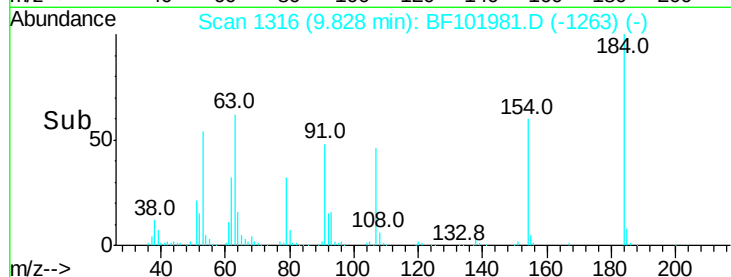
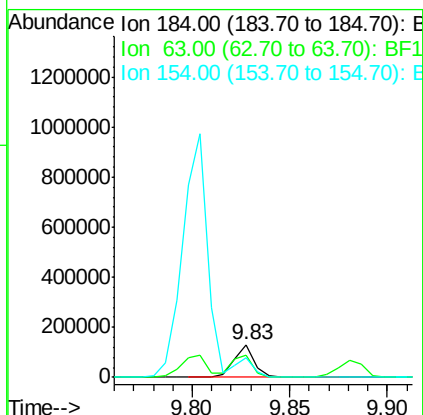
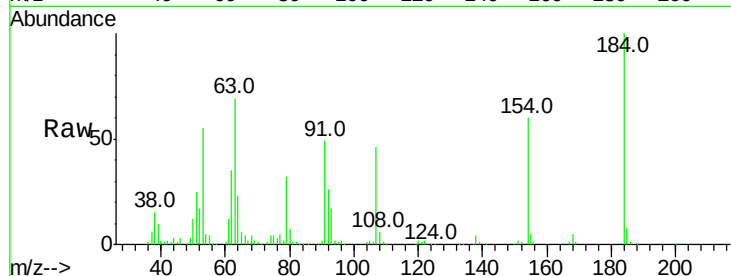




#53
2,4-Dinitrophenol
Concen: 47.493 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

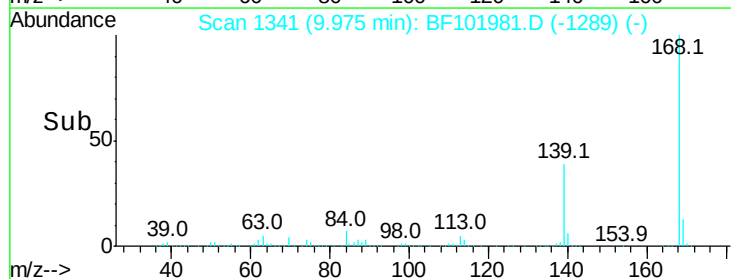
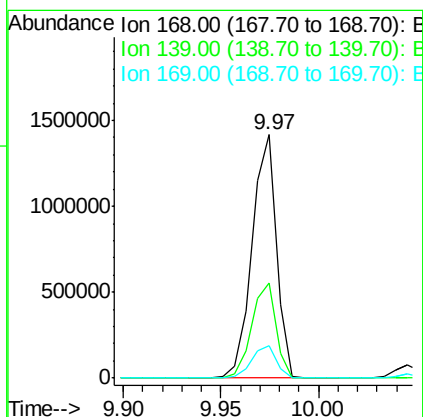
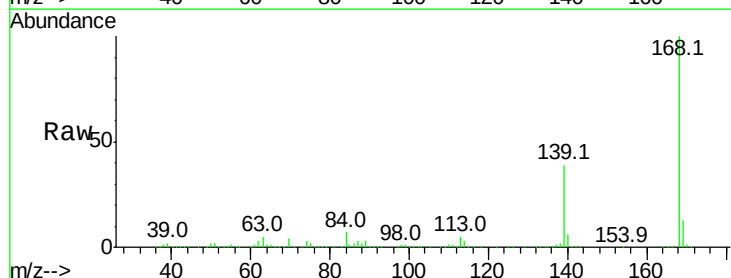
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

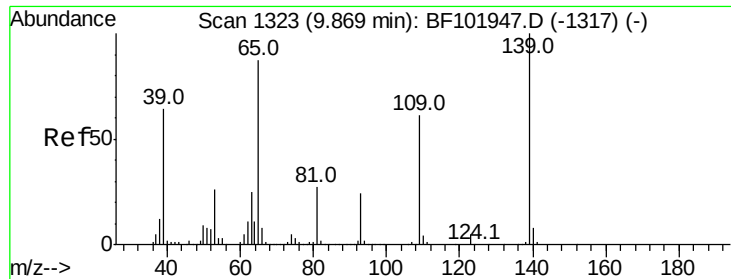
Tot Ion:184 Resp: 95421
Ion Ratio Lower Upper
184 100
63 69.1 54.2 81.2
154 59.8 184.0 276.0#



#54
Dibenzofuran
Concen: 37.821 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Tgt Ion:168 Resp: 1226220
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 13.3 10.9 16.3





#55

4-Nitrophenol

Concen: 42.091 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

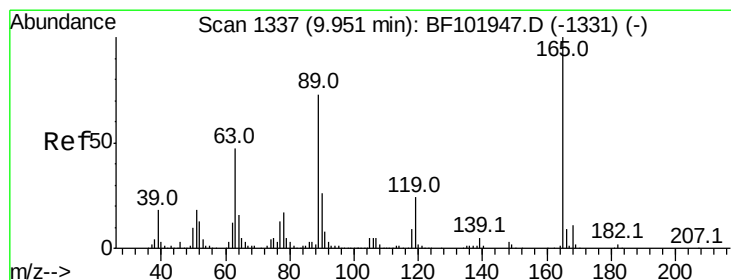
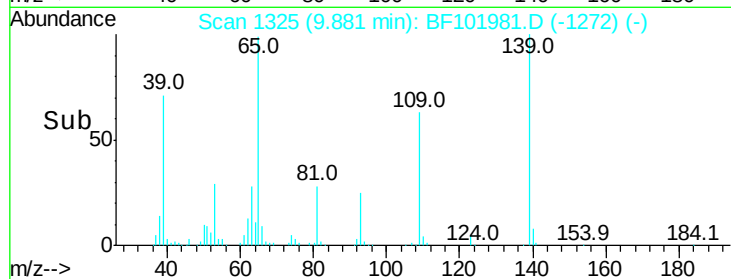
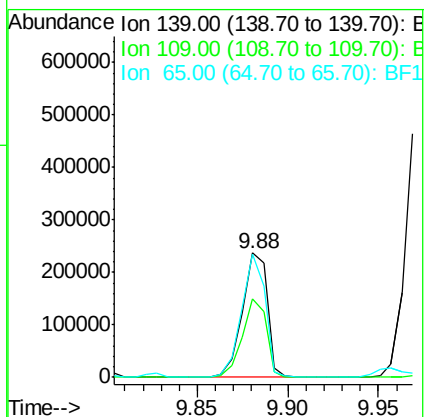
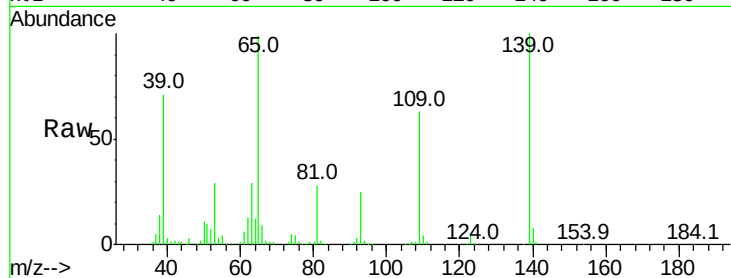
Tot Ion:139 Resp: 226986

Ion Ratio Lower Upper

139 100

109 62.8 48.4 88.4

65 99.3 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 43.949 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Tgt Ion:165 Resp: 315837

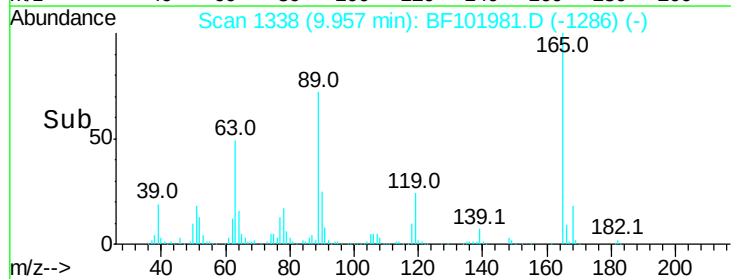
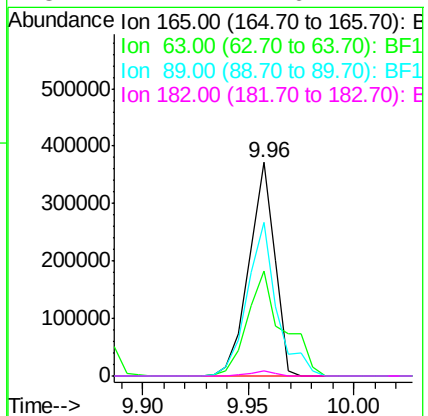
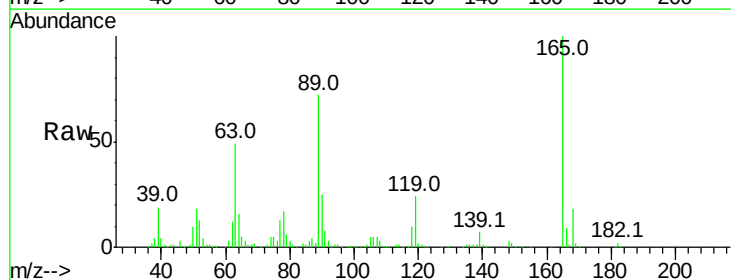
Ion Ratio Lower Upper

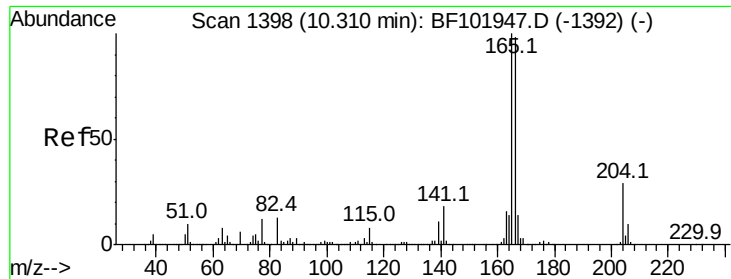
165 100

63 49.3 36.4 54.6

89 71.8 57.8 86.6

182 2.1 1.6 2.4





#57

Fluorene

Concen: 40.197 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

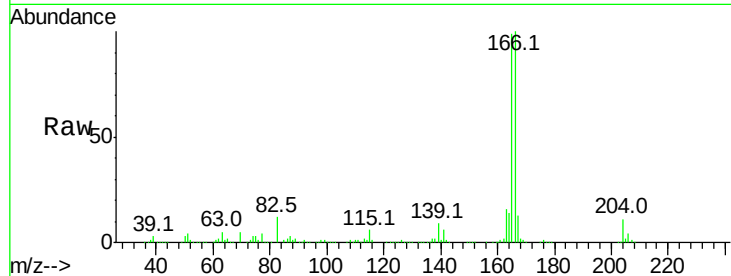
Tot Ion:166 Resp: 900927

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

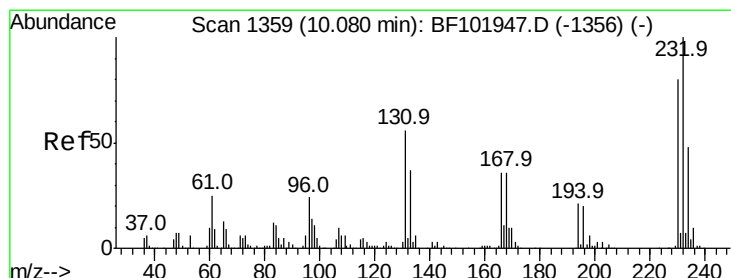
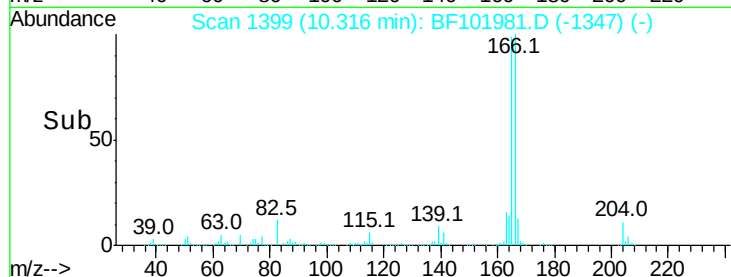
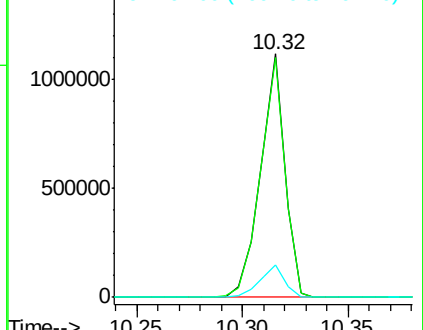
167 13.2 10.6 16.0



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: 39.575 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Tgt Ion:232 Resp: 222136

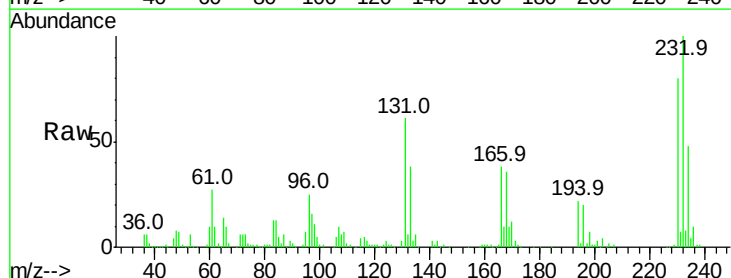
Ion Ratio Lower Upper

232 100

131 55.8 43.8 65.8

130 2.5 2.1 3.1

166 35.6 27.8 41.6

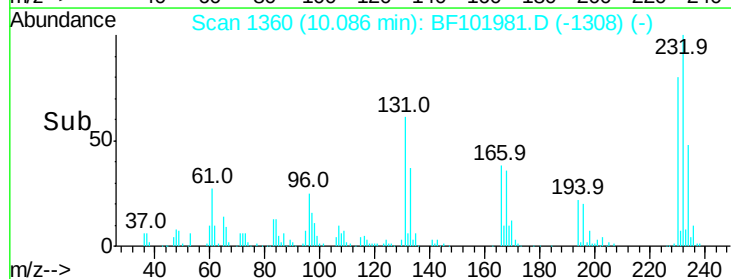
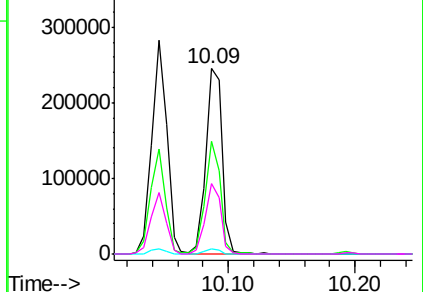


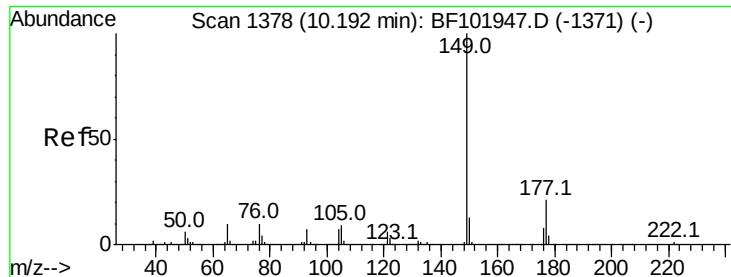
Abundance Ion 232.00 (231.70 to 232.70): E

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

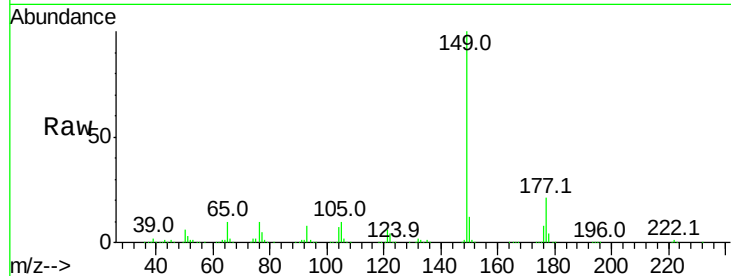




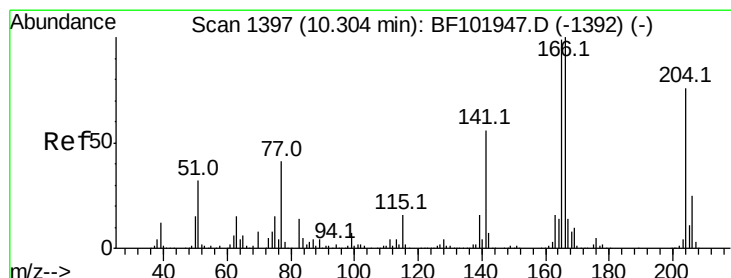
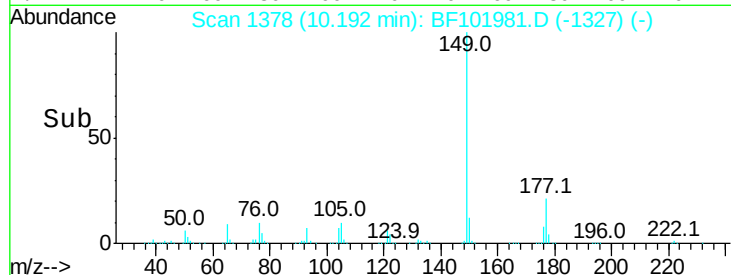
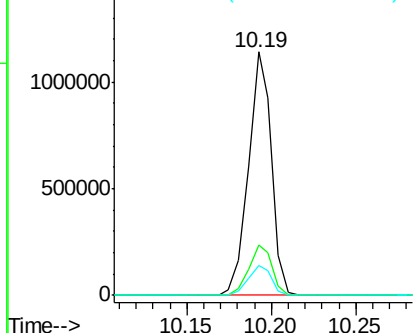
#59
Diethylphthalate
Concen: 37.886 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1081759
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.4 10.1 15.1

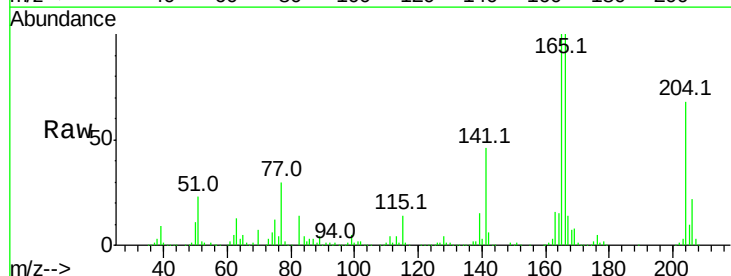


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

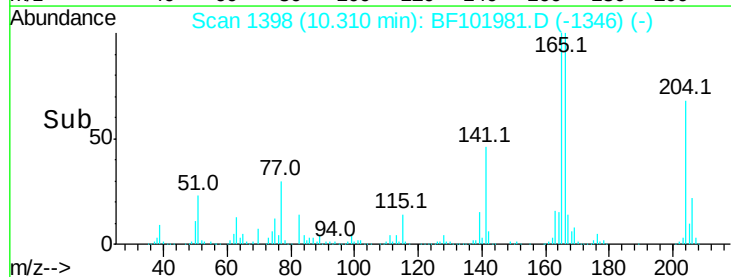
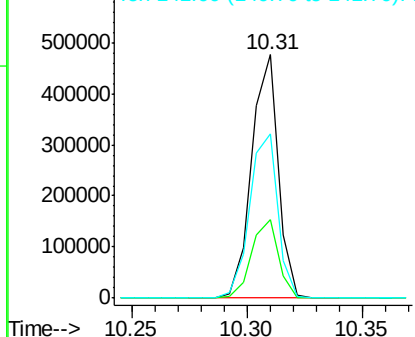


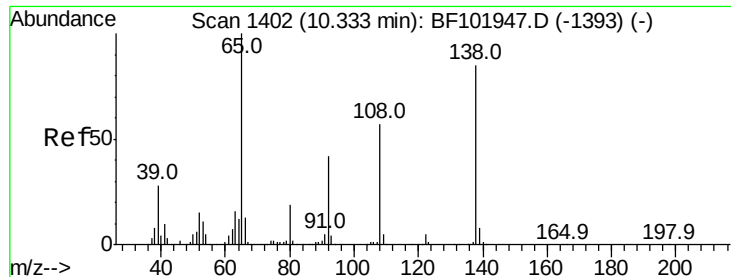
#60
4-Chlorophenyl-phenylether
Concen: 40.323 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Tgt Ion:204 Resp: 384840
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 67.5 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

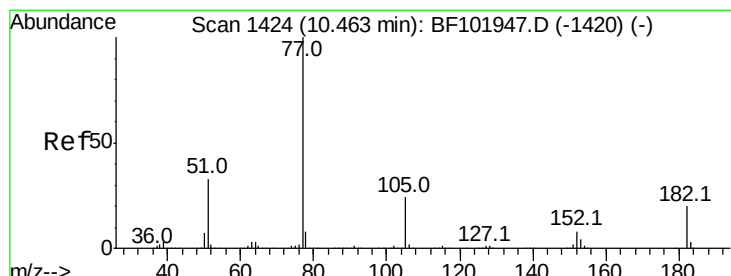
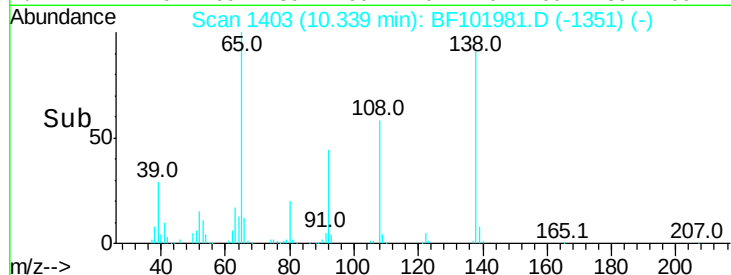
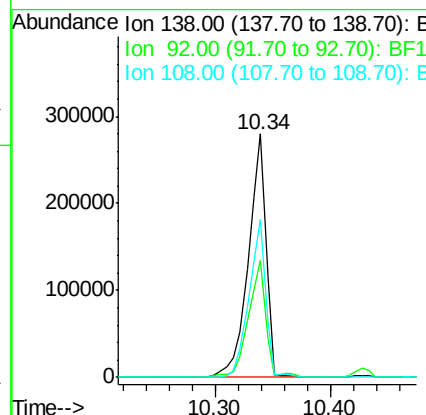
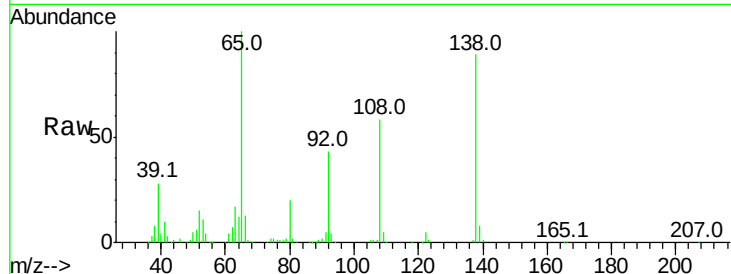




#61
4-Nitroaniline
Concen: 42.816 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

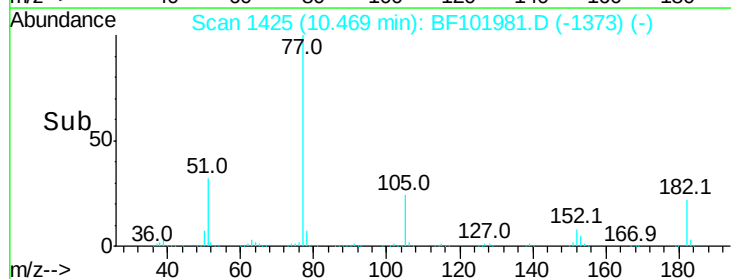
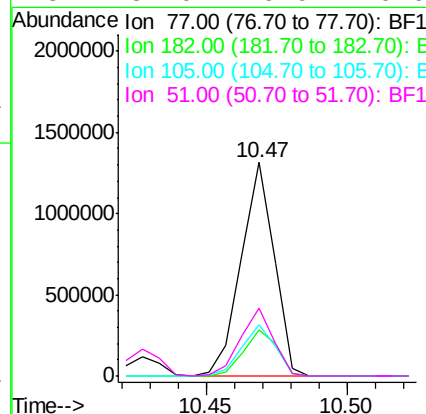
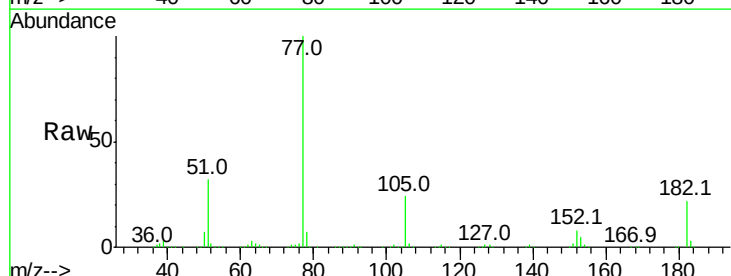
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

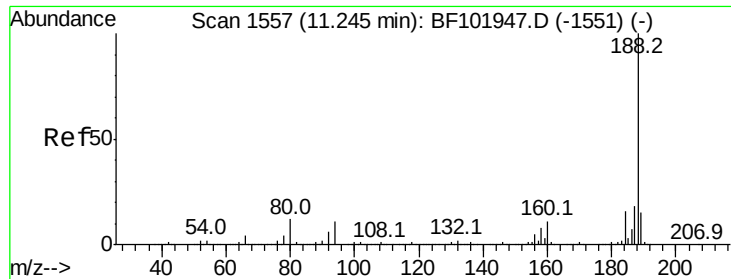
Tot Ion:138 Resp: 294039
Ion Ratio Lower Upper
138 100
92 47.8 30.2 70.2
108 64.7 52.5 92.5



#62
Azobenzene
Concen: 37.638 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Tgt Ion: 77 Resp: 1069206
Ion Ratio Lower Upper
77 100
182 21.7 1.7 41.7
105 24.1 3.0 43.0
51 32.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

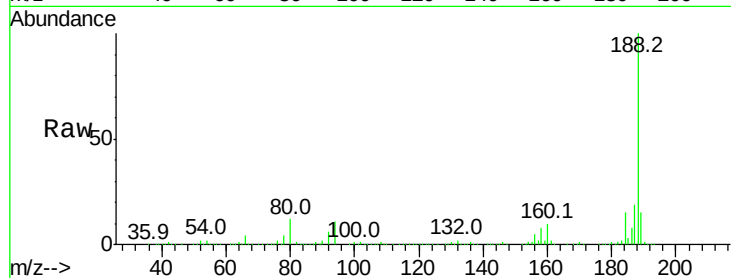
Tot Ion:188 Resp: 610244

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

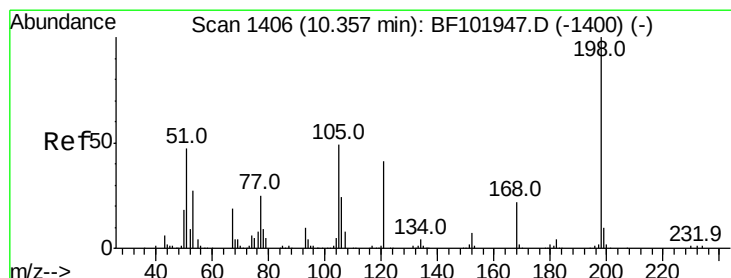
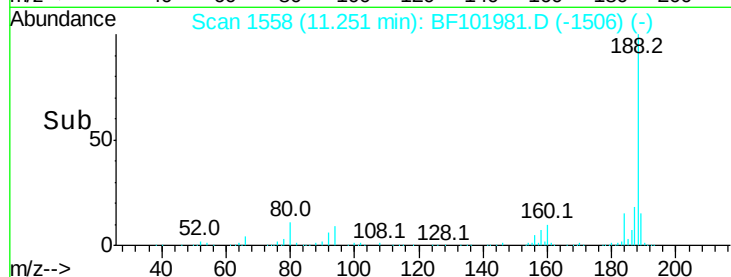
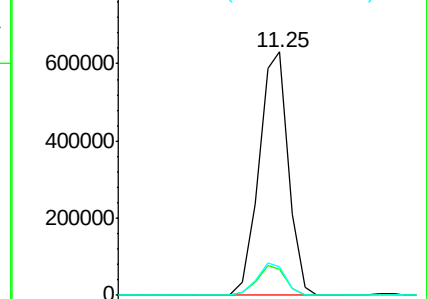
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 46.071 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

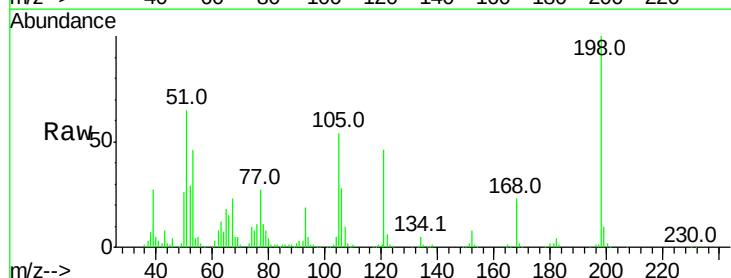
Tgt Ion:198 Resp: 151836

Ion Ratio Lower Upper

198 100

51 64.8 37.7 77.7

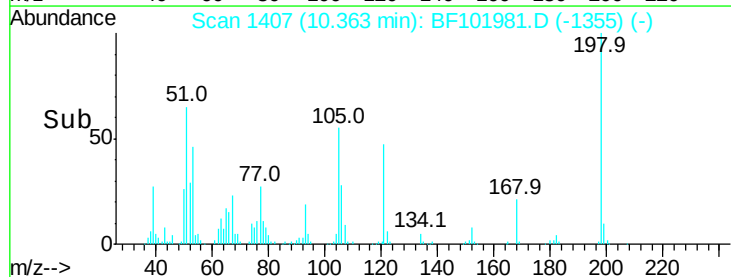
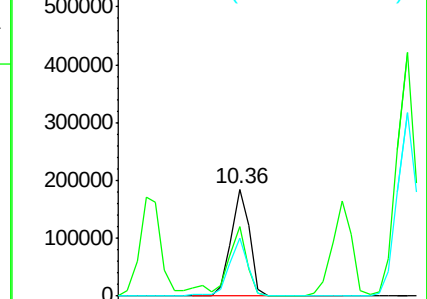
105 54.5 36.3 76.3

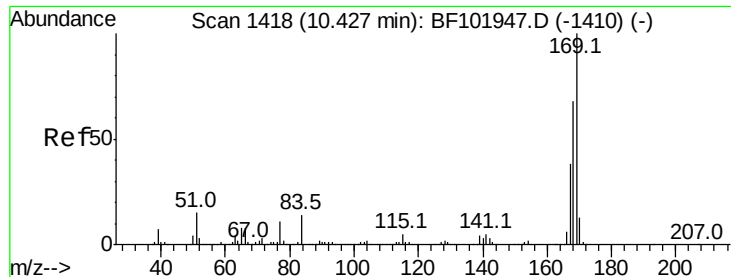


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

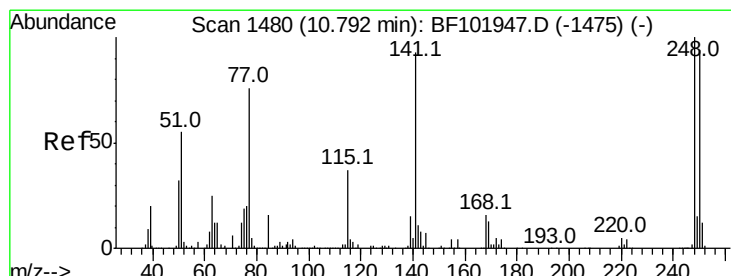
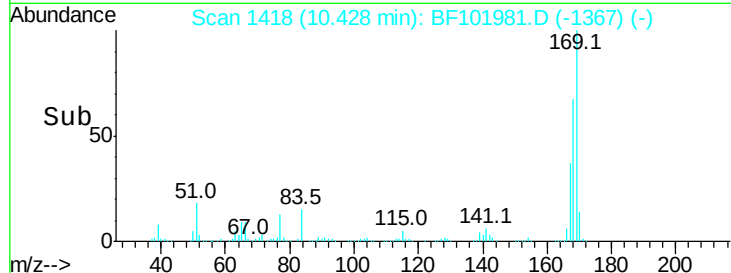
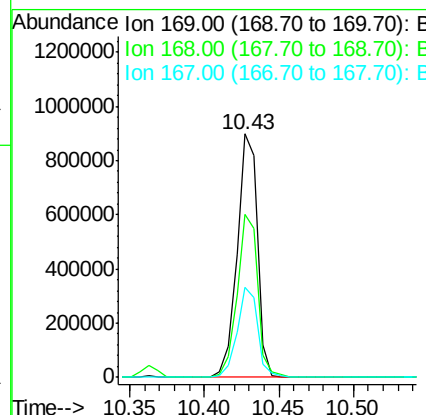
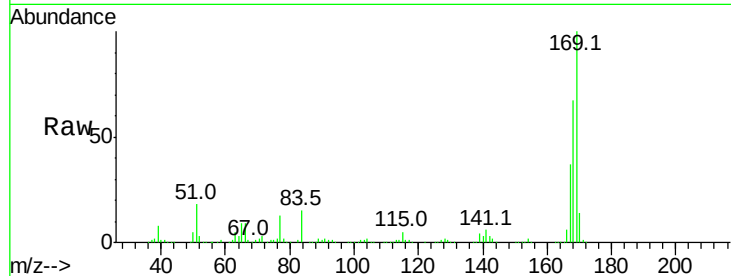




#65
 n-Nitrosodiphenylamine
 Concen: 37.730 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

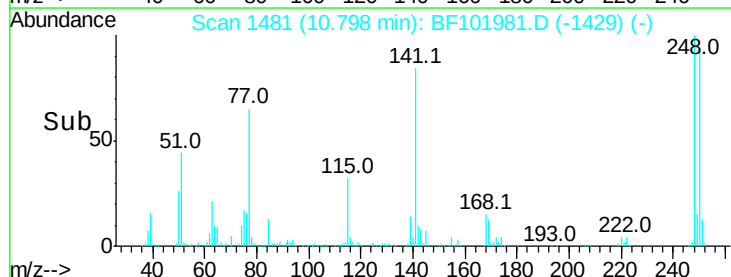
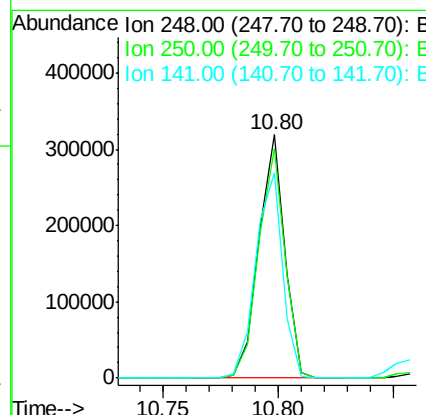
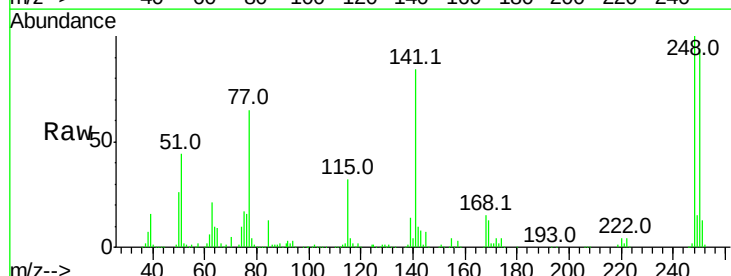
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

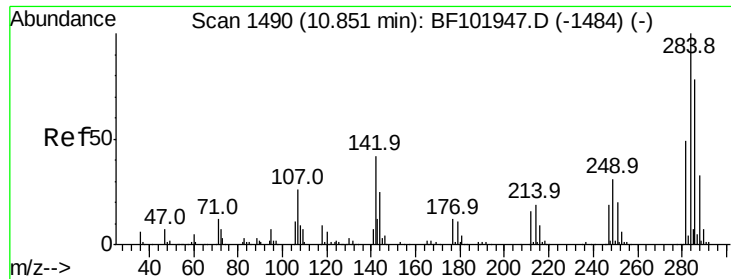
Tot Ion:169 Resp: 862164
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.4 81.6
 167 36.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.003 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Tgt Ion:248 Resp: 251355
 Ion Ratio Lower Upper
 248 100
 250 94.3 76.9 115.3
 141 84.2 74.4 111.6





#67

Hexachlorobenzene

Concen: 38.667 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

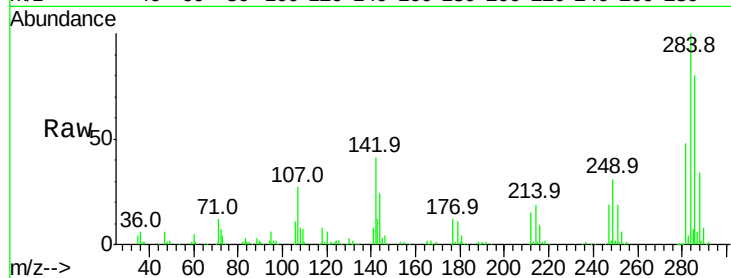
Tot Ion:284 Resp: 272035

Ion Ratio Lower Upper

284 100

142 41.4 34.6 52.0

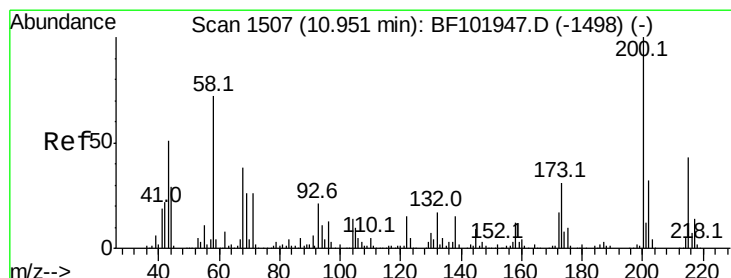
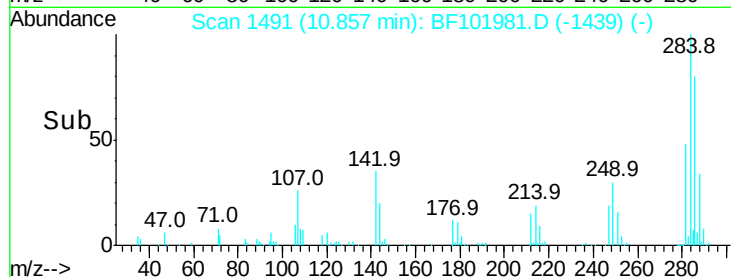
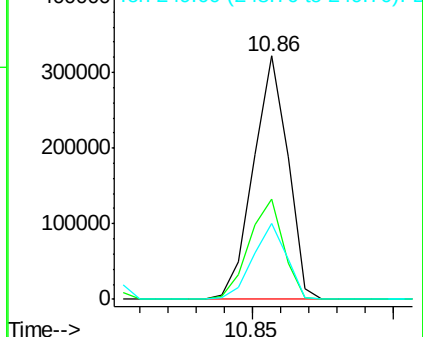
249 31.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.443 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

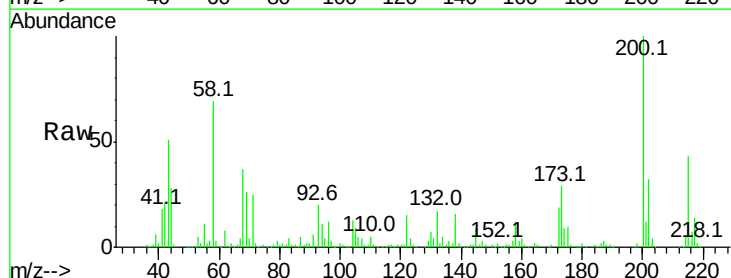
Tgt Ion:200 Resp: 260480

Ion Ratio Lower Upper

200 100

173 29.1 8.6 48.6

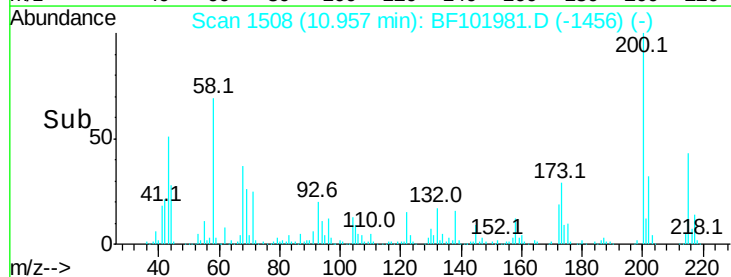
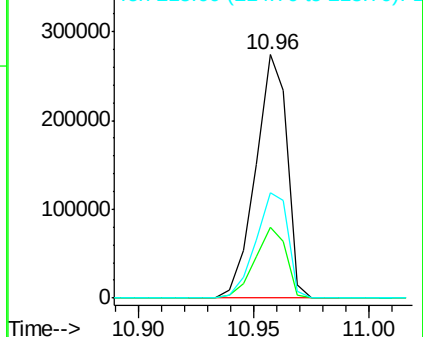
215 43.1 25.1 65.1

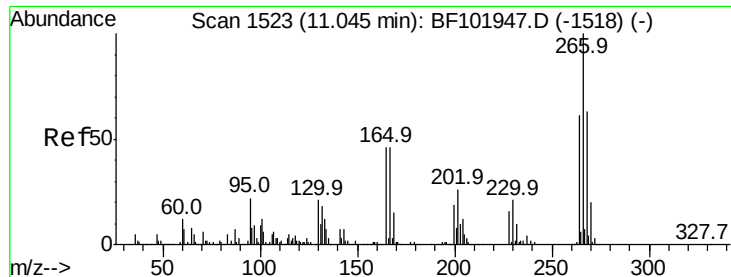


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

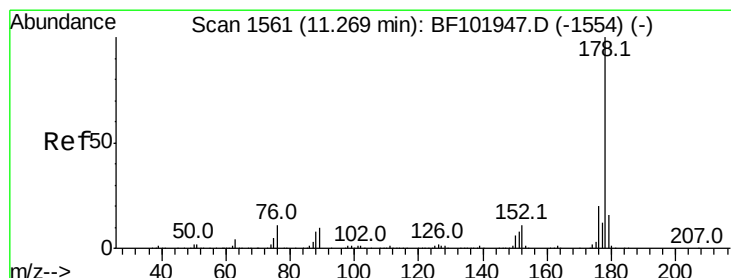
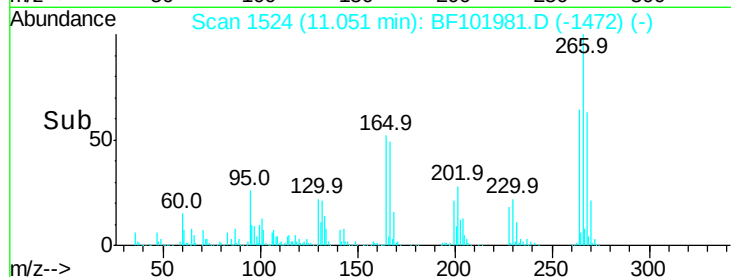
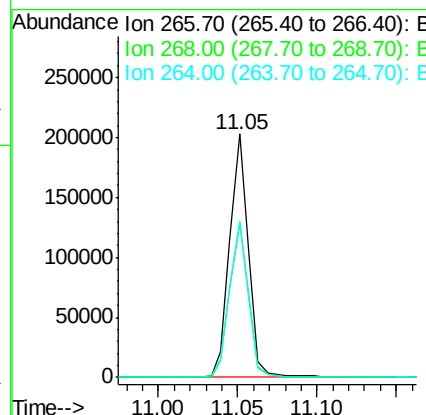
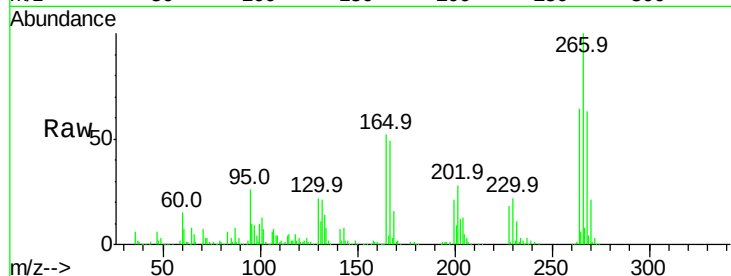




#69
 Pentachlorophenol
 Concen: 38.802 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

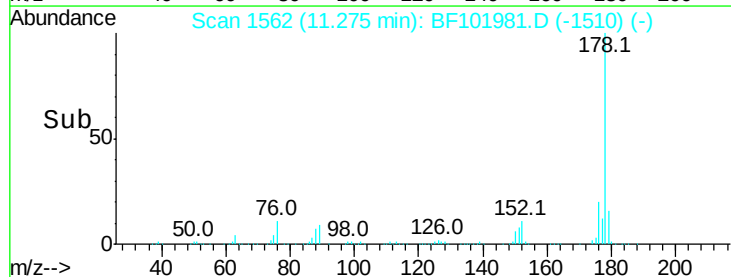
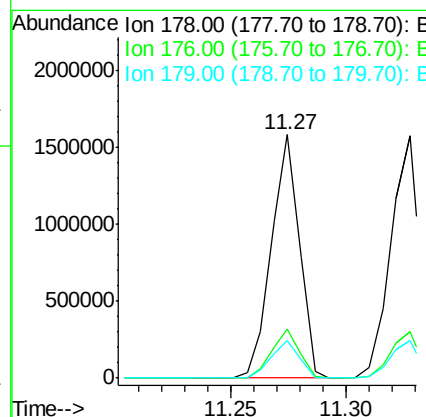
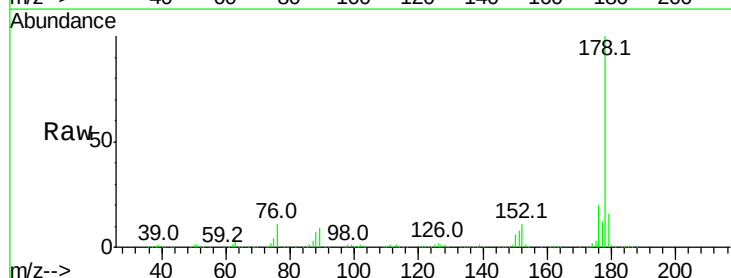
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

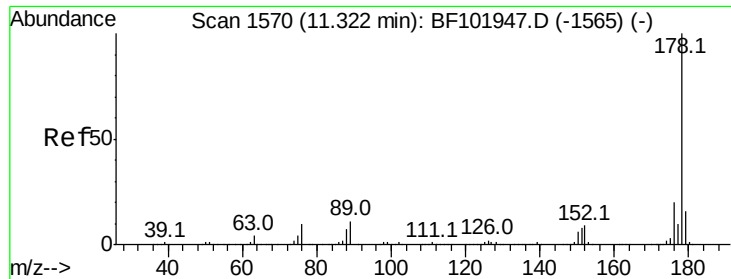
Tot Ion:266 Resp: 166465
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 64.2 49.5 74.3



#70
 Phenanthrene
 Concen: 37.485 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Tgt Ion:178 Resp: 1336193
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 13.0 19.6





#71

Anthracene

Concen: 37.674 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

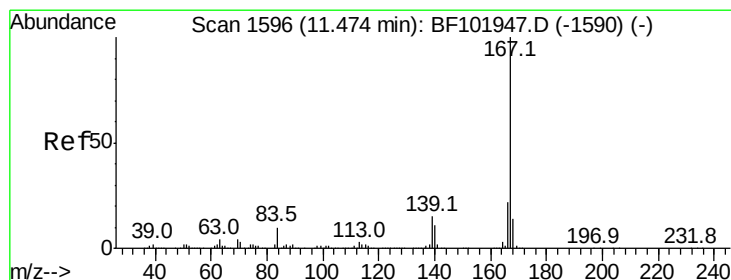
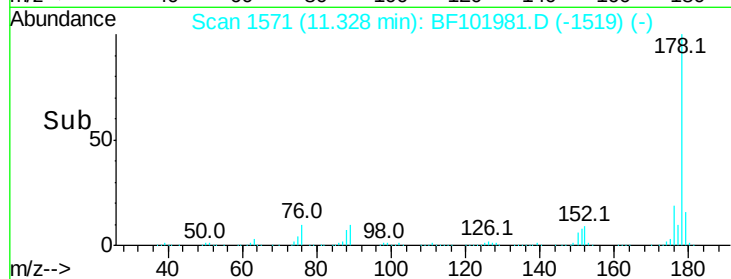
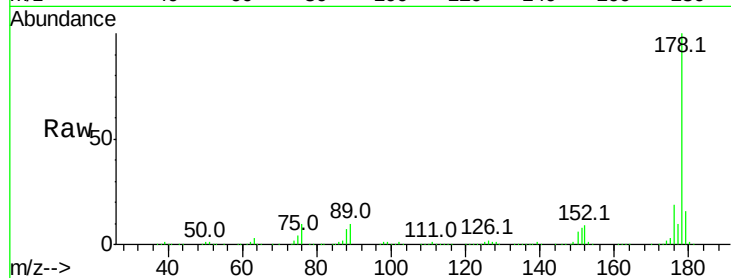
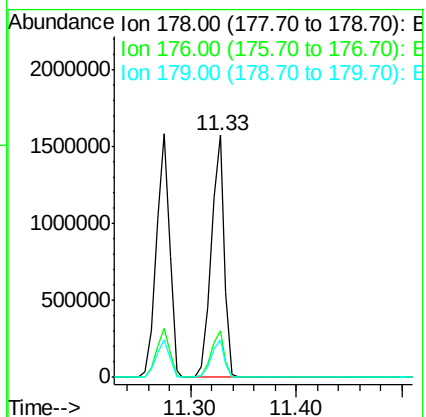
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1361977

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	19.0



#72

Carbazole

Concen: 37.399 ng

RT: 11.48 min Scan# 1597

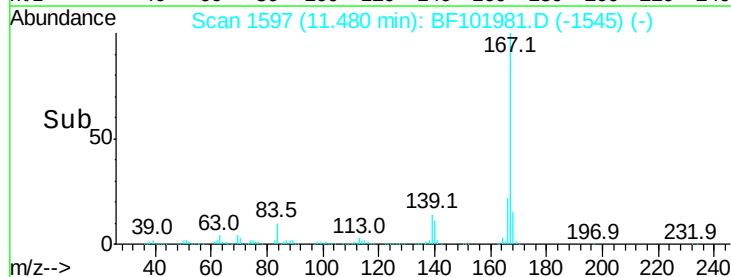
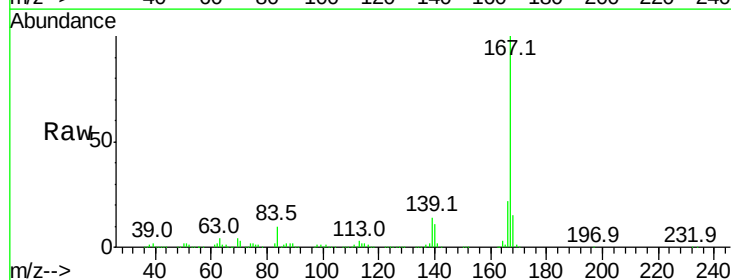
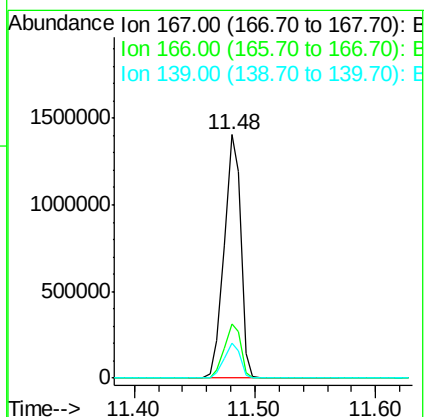
Delta R.T. 0.01 min

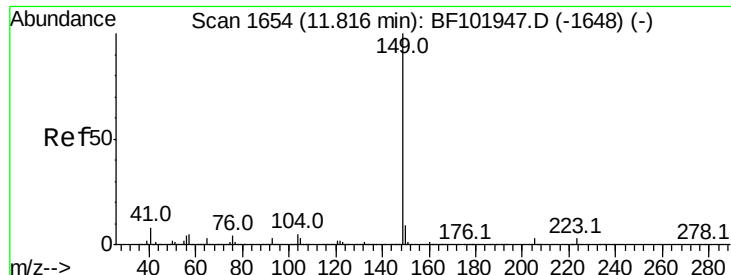
Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Tgt Ion:167 Resp: 1328950

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.710 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

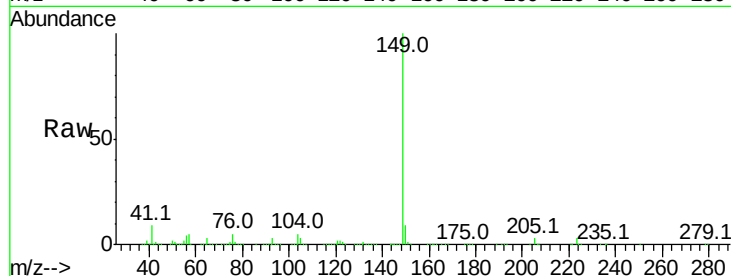
Tot Ion:149 Resp: 1643958

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

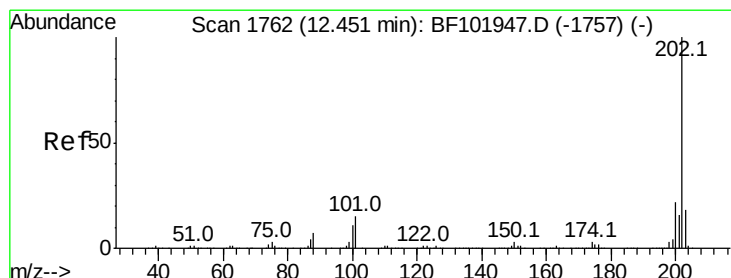
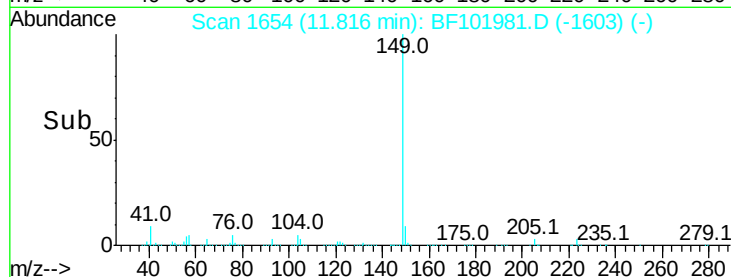
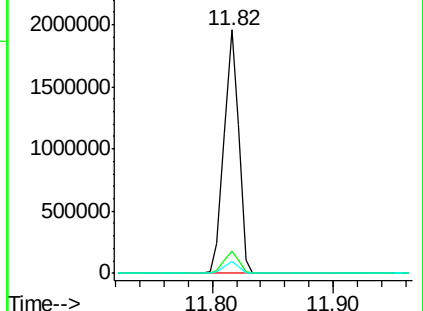
104 4.9 3.8 5.8



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: 37.725 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

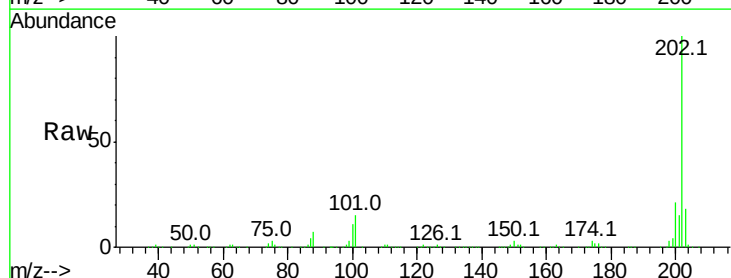
Tgt Ion:202 Resp: 1323051

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

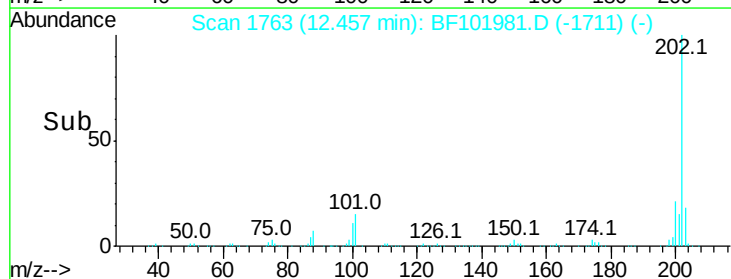
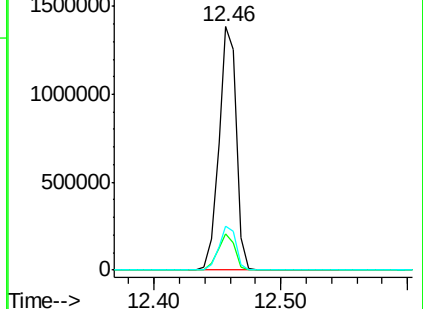
203 17.8 0.0 38.1

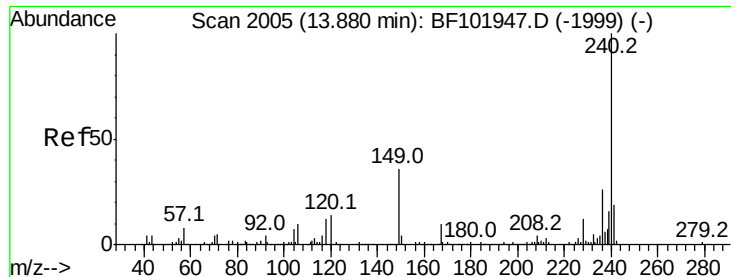


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

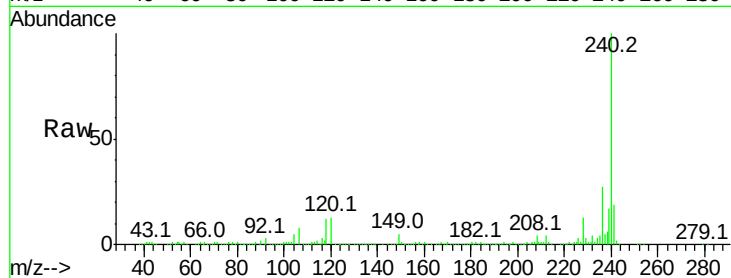
Tot Ion:240 Resp: 402784

Ion Ratio Lower Upper

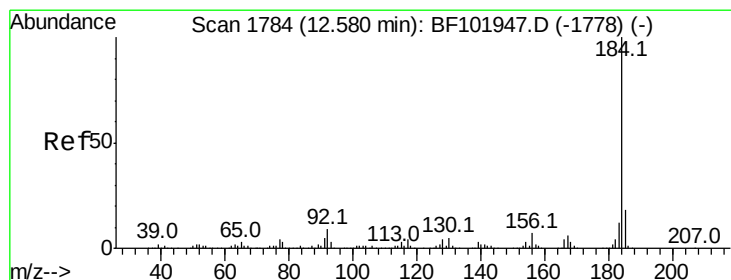
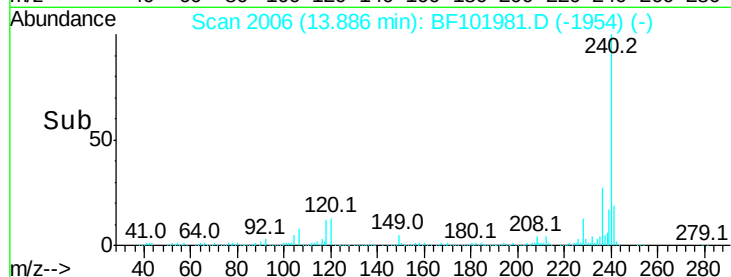
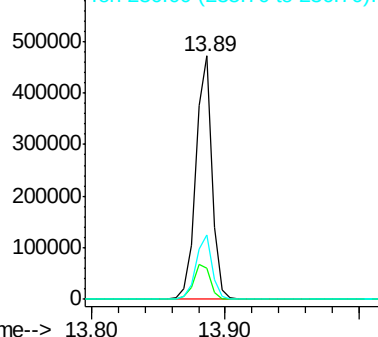
240 100

120 13.0 9.5 14.3

236 26.5 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: 36.298 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

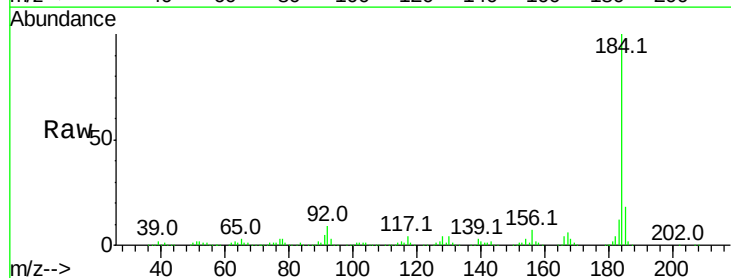
Tgt Ion:184 Resp: 706000

Ion Ratio Lower Upper

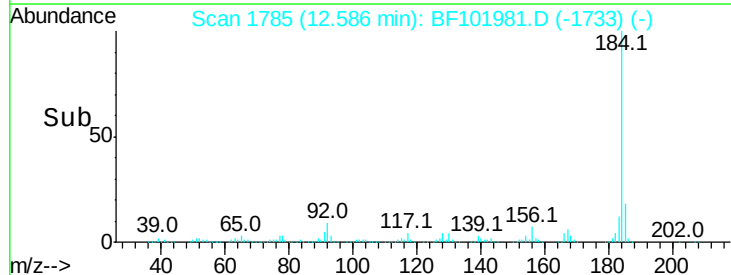
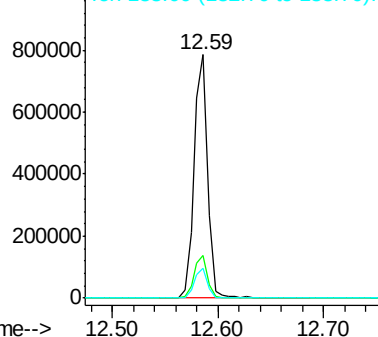
184 100

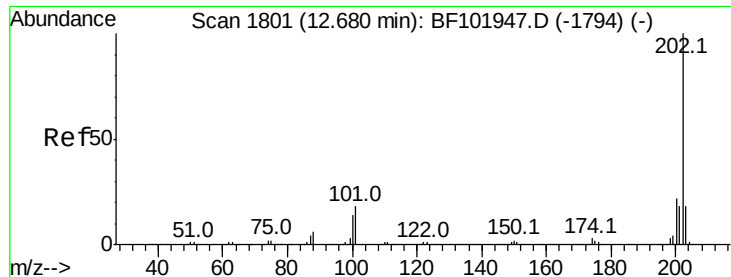
185 17.7 12.6 18.8

183 12.1 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: 37.750 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

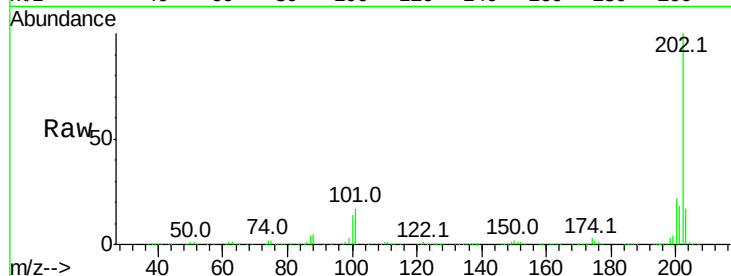
Tot Ion:202 Resp: 1344019

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

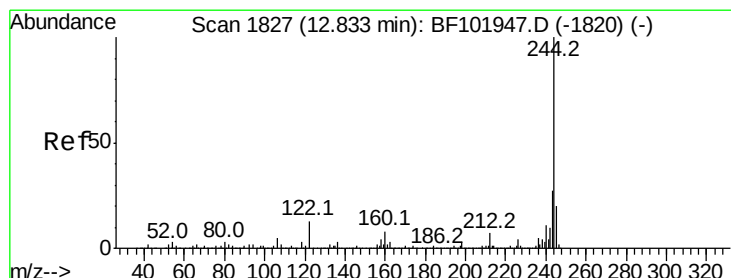
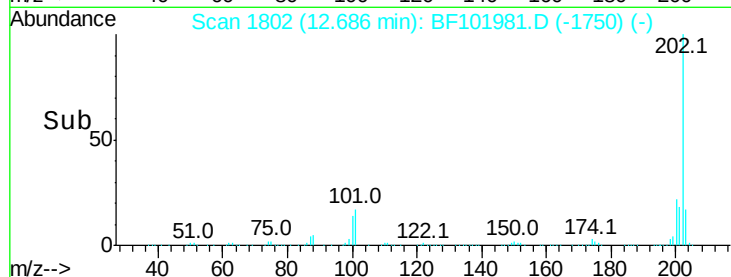
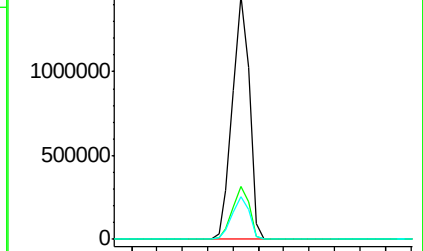
203 17.3 14.3 21.5



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: 74.207 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

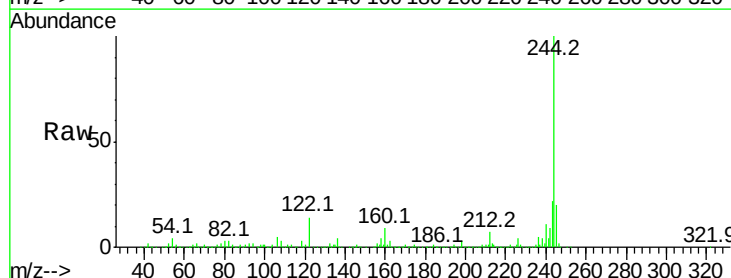
Tgt Ion:244 Resp: 1439583

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

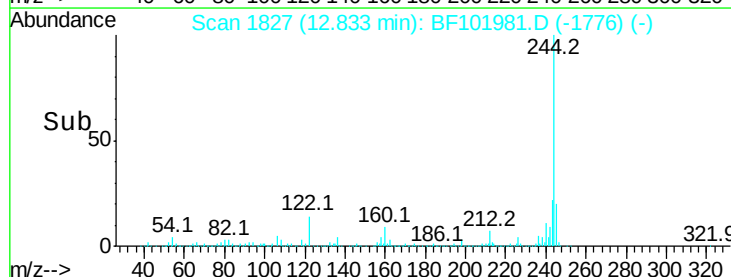
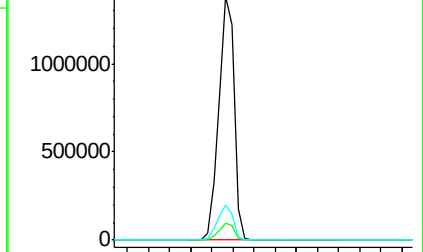
122 14.4 11.0 16.4

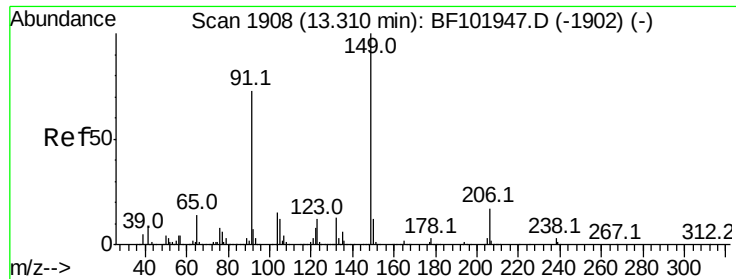


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

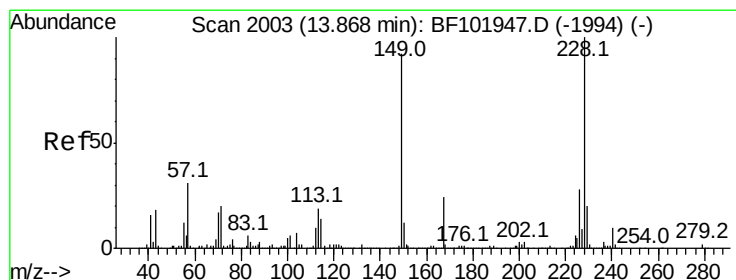
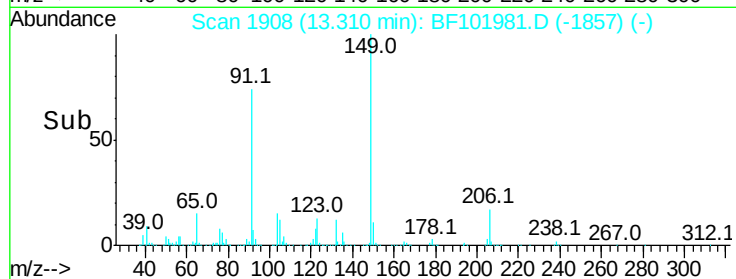
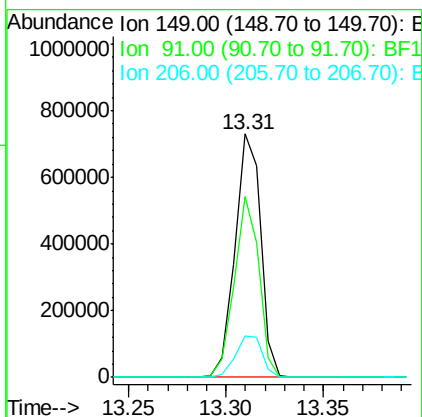
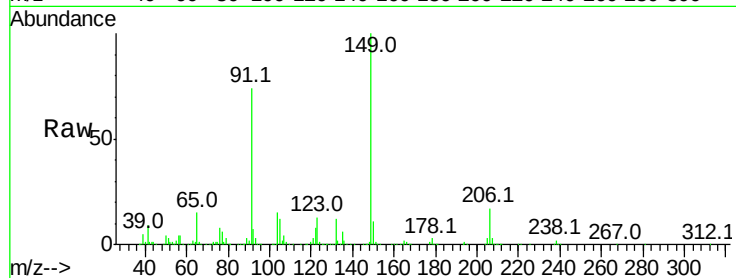




#79
Butylbenzylphthalate
Concen: 40.740 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

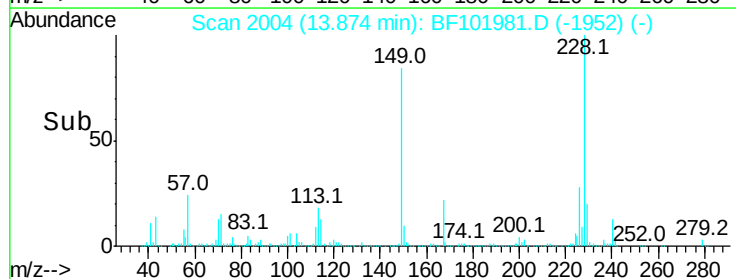
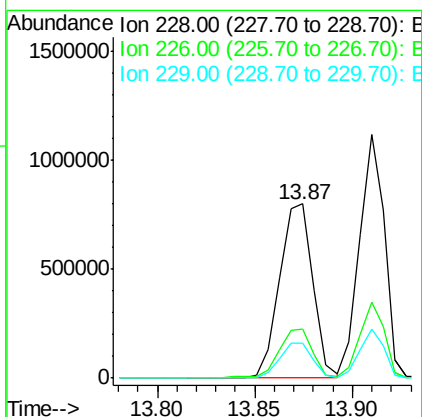
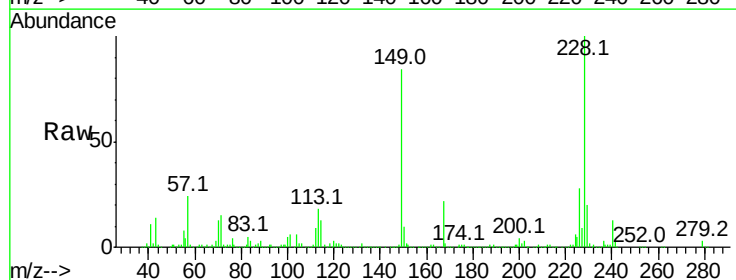
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

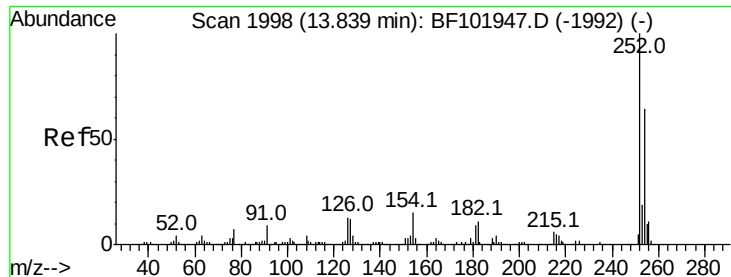
Tot Ion:149 Resp: 665663
Ion Ratio Lower Upper
149 100
91 74.2 56.8 85.2
206 17.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.685 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF101981.D
Acq: 10 Jan 2018 16:17

Tgt Ion:228 Resp: 942754
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.8 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.628 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

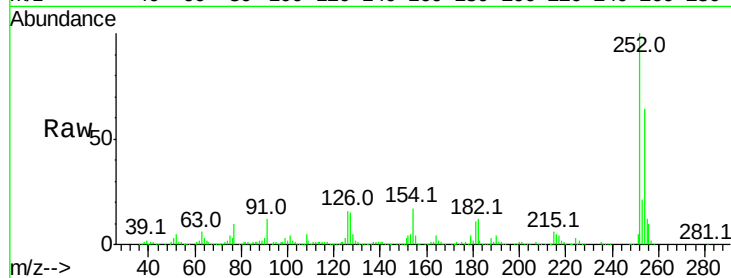
Tot Ion:252 Resp: 367562

Ion Ratio Lower Upper

252 100

254 64.2 50.4 75.6

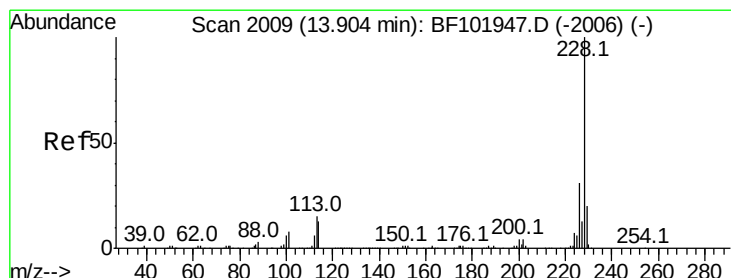
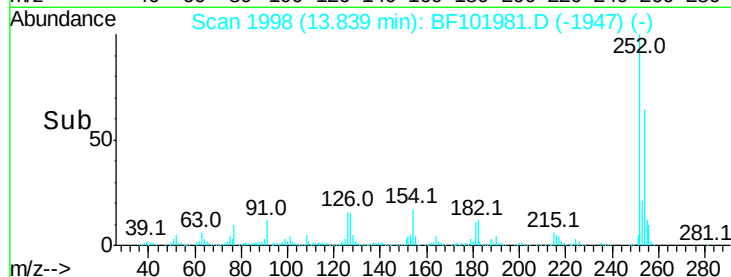
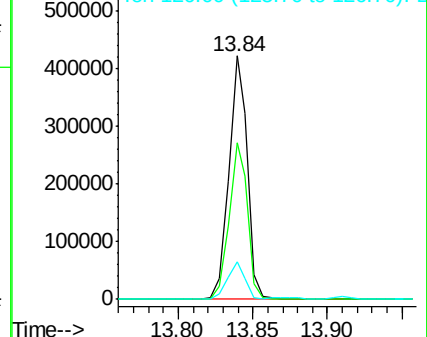
126 15.6 11.3 16.9



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: 37.120 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

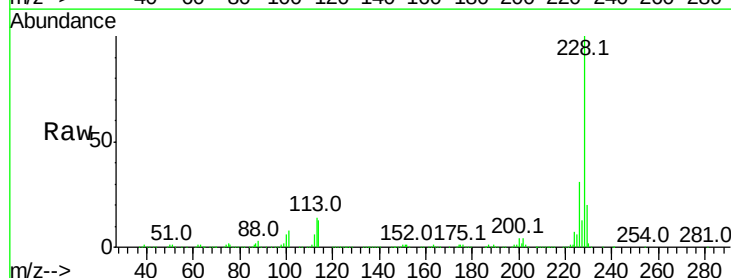
Tgt Ion:228 Resp: 994708

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

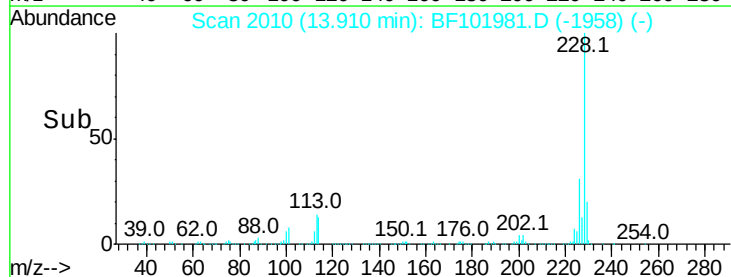
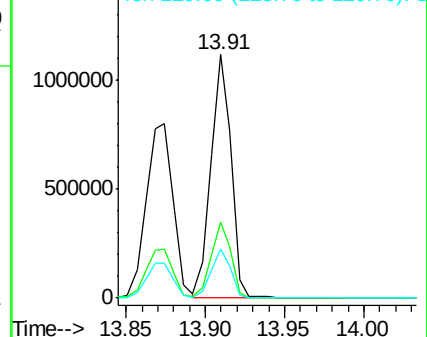
229 19.9 16.2 24.4

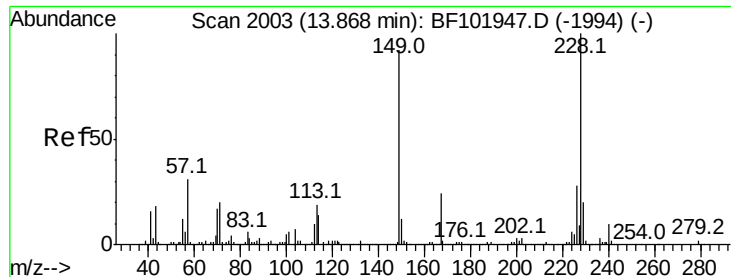


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

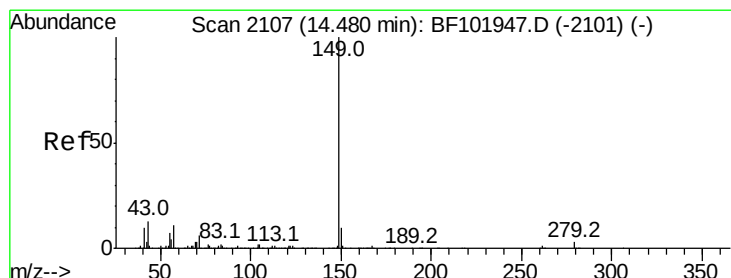
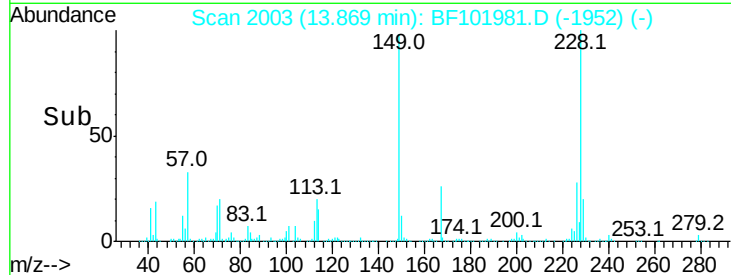
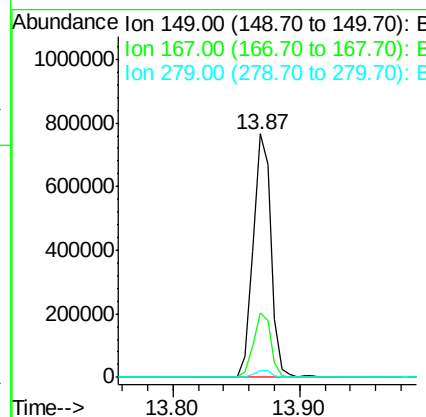
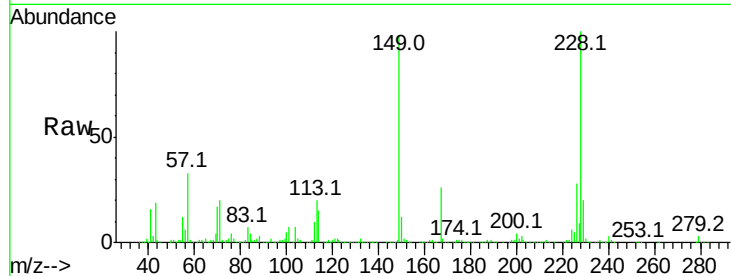




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.086 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

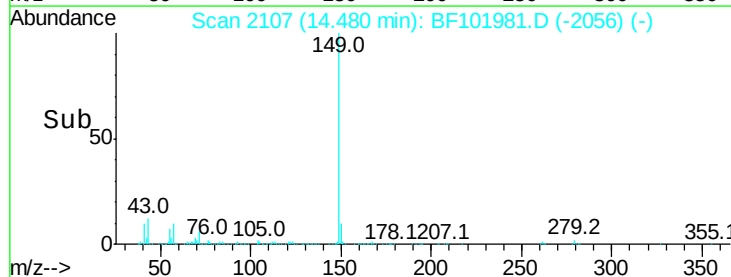
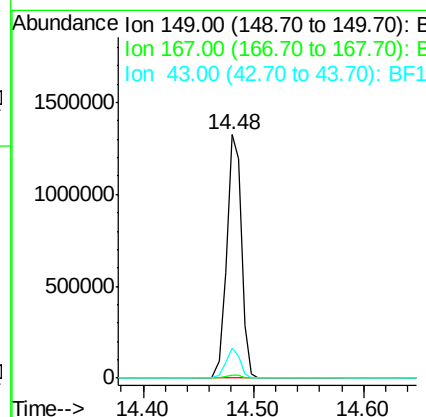
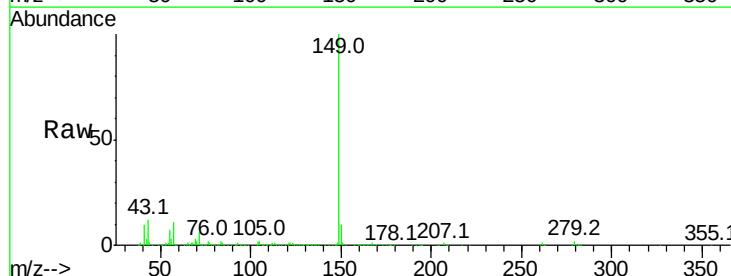
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

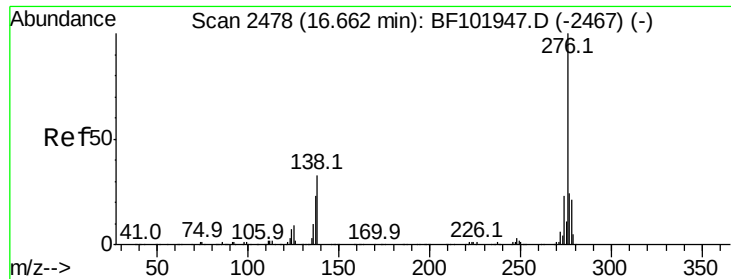
Tot Ion:149 Resp: 751356
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 39.981 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Tgt Ion:149 Resp: 1243567
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.6 8.4 12.6

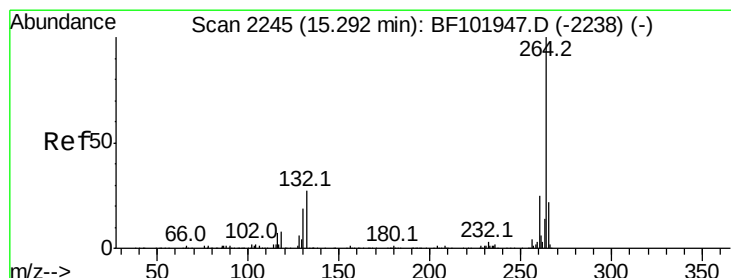
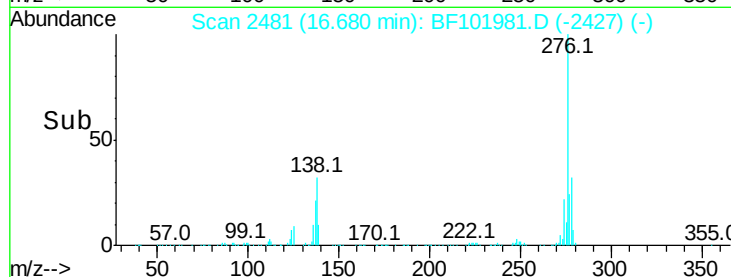
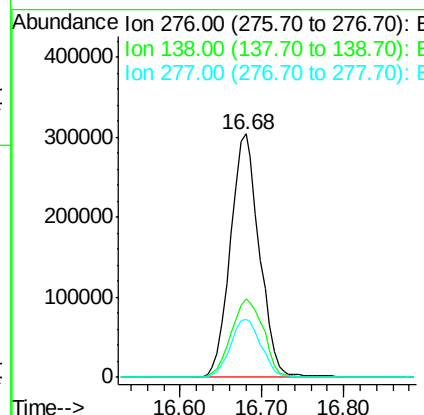
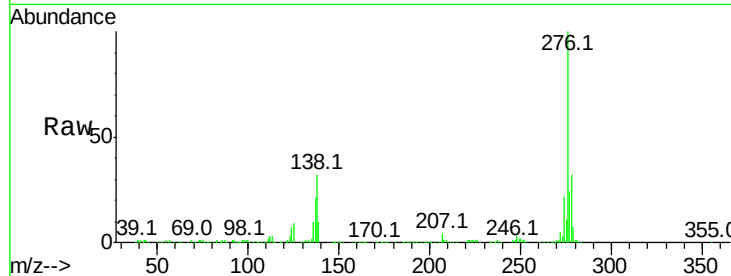




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.482 ng
 RT: 16.68 min Scan# 2481
 Delta R.T. 0.02 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

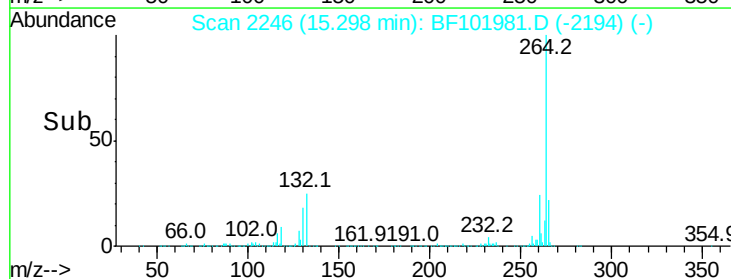
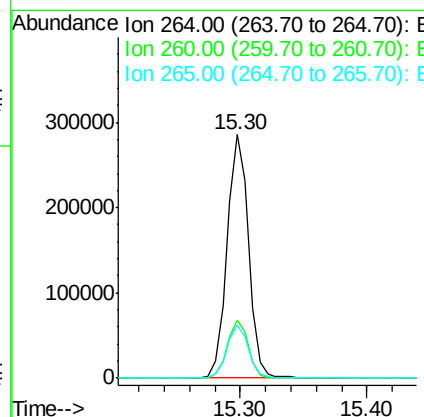
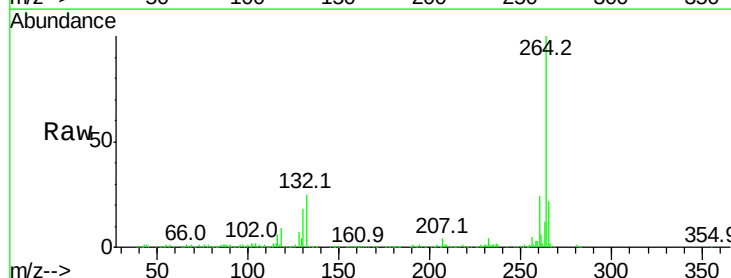
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

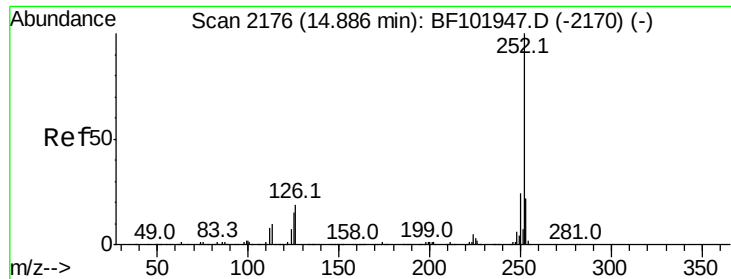
Tot Ion:276 Resp: 750532
 Ion Ratio Lower Upper
 276 100
 138 35.9 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF101981.D
 Acq: 10 Jan 2018 16:17

Tgt Ion:264 Resp: 334595
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.9 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 38.925 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.01 min

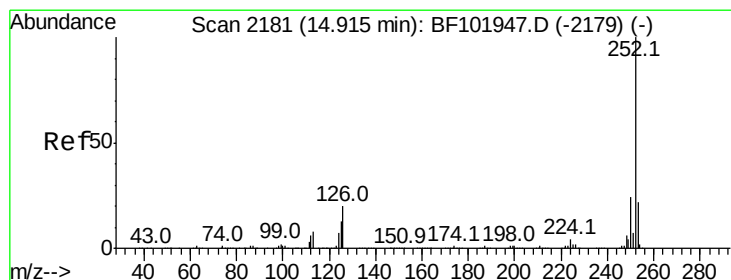
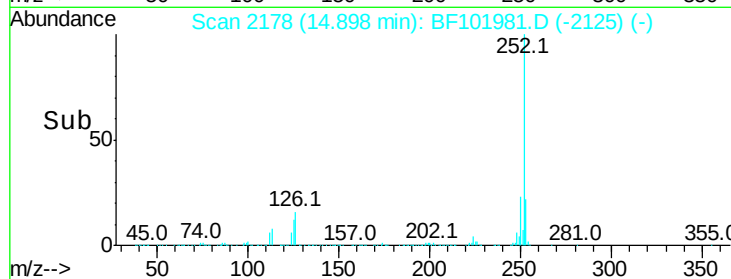
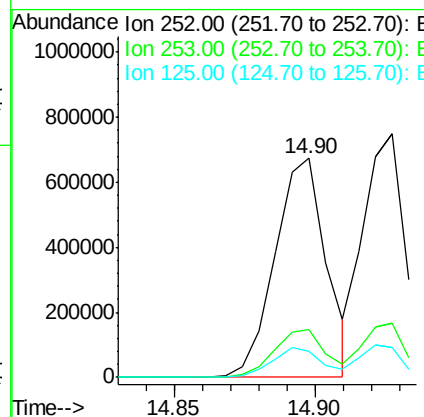
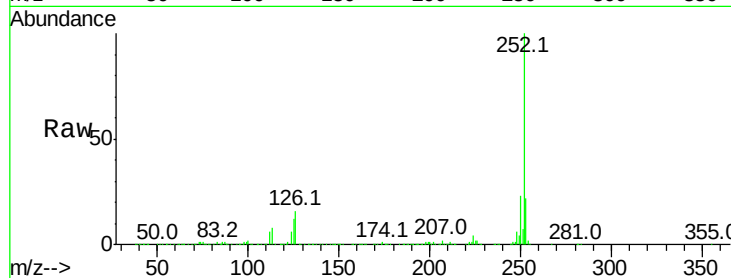
Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 849212

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	12.2	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 37.020 ng

RT: 14.93 min Scan# 2183

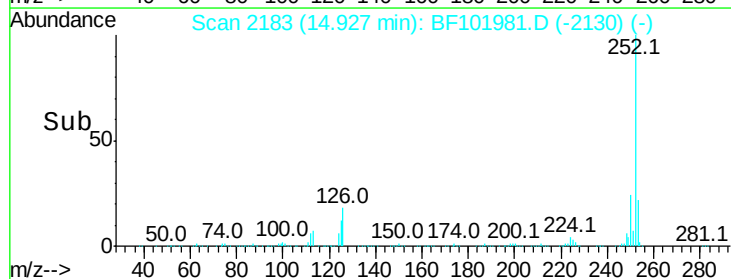
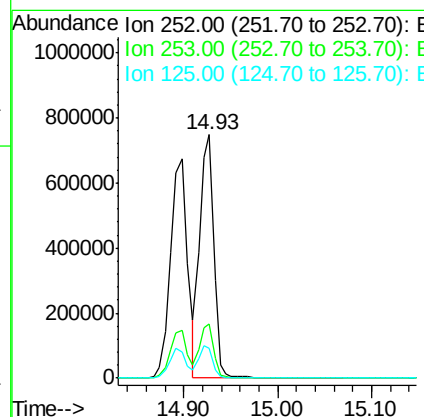
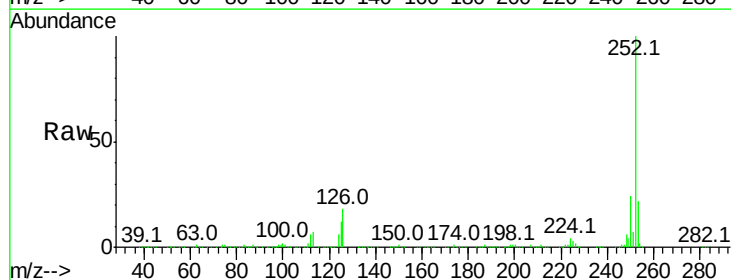
Delta R.T. 0.01 min

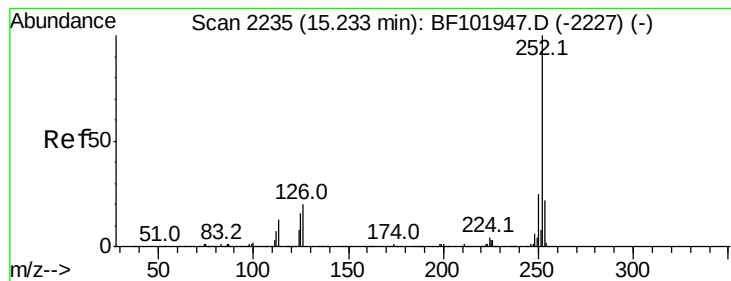
Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Tgt Ion:252 Resp: 779120

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 37.814 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

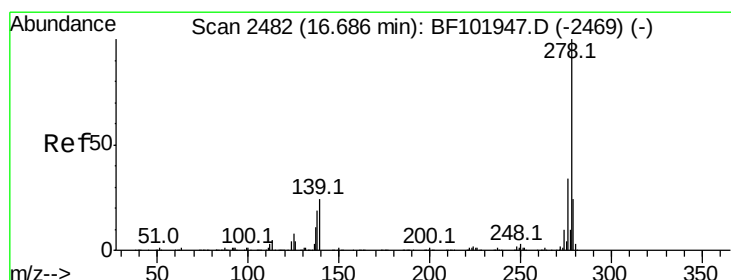
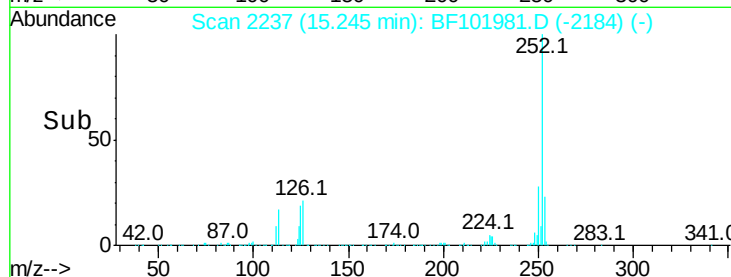
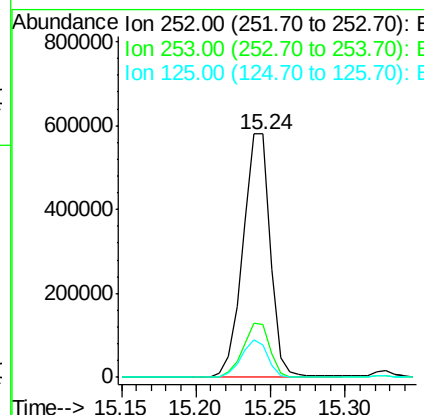
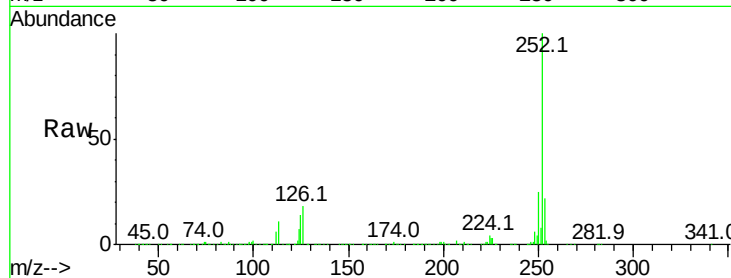
Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 742362

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.6	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 39.615 ng

RT: 16.70 min Scan# 2484

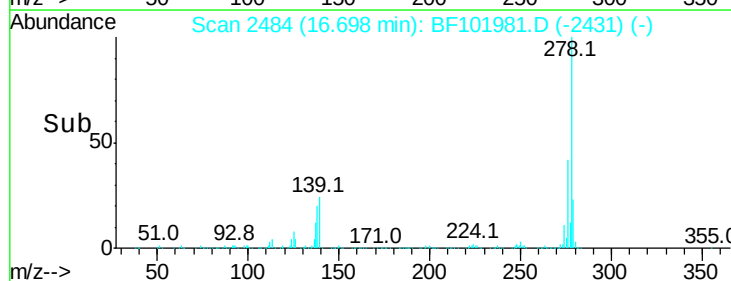
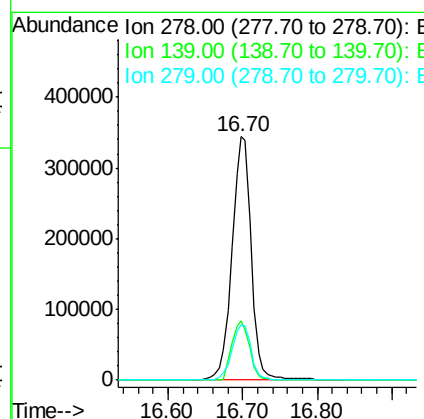
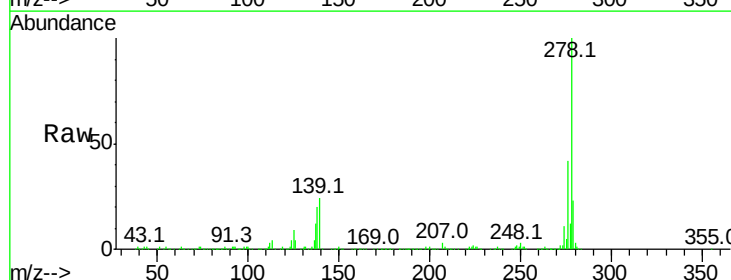
Delta R.T. 0.01 min

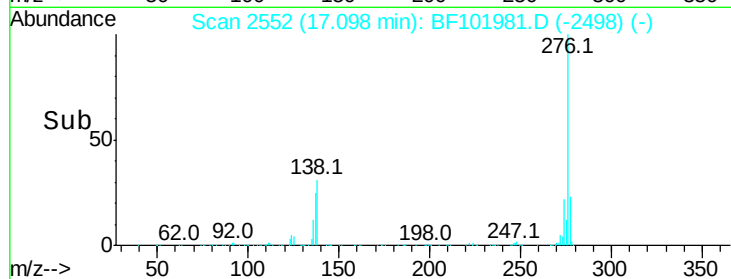
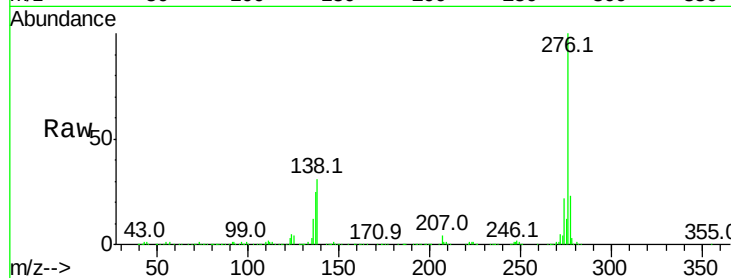
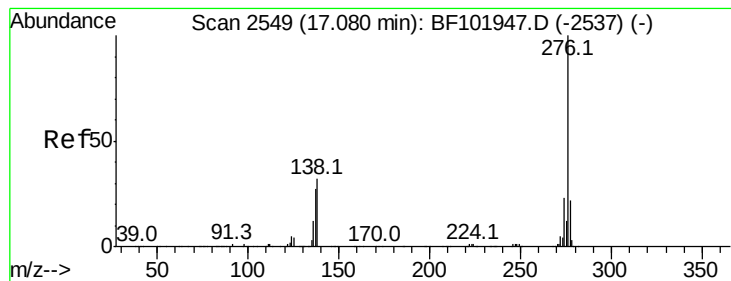
Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Tgt Ion:278 Resp: 620648

Ion	Ratio	Lower	Upper
278	100		
139	24.4	15.9	23.9#
279	22.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.929 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF101981.D

Acq: 10 Jan 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 630137

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 30.8 21.8 32.8

