

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102147.D
 Acq On : 17 Jan 2018 12:37
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 17 15:34:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130179	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	547029	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	253033	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	453570	20.00	ng	0.00
75) Chrysene-d12	13.87	240	347164	20.00	ng	0.00
86) Perylene-d12	15.29	264	290674	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	679811	73.74	ng	0.00
7) Phenol-d6	6.36	99	825716	75.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	769226	82.63	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	212223	96.11	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1415488	87.39	ng	0.00
78) Terphenyl-d14	12.83	244	1240778	74.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	157686	34.274	ng	97
3) Pyridine	3.09	79	426979	33.984	ng	95
4) n-Nitrosodimethylamine	3.05	42	179014	34.024	ng	87
6) Aniline	6.39	93	560730	36.174	ng	99
8) 2-Chlorophenol	6.50	128	367493	39.746	ng	98
9) Benzaldehyde	6.27	77	247358	32.389	ng	94
10) Phenol	6.37	94	447063	35.966	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	342672	36.219	ng	96
12) 1,3-Dichlorobenzene	6.66	146	419688	39.376	ng	99
13) 1,4-Dichlorobenzene	6.74	146	428268	40.268	ng	100
14) 1,2-Dichlorobenzene	6.89	146	404877	41.129	ng	99
15) Benzyl Alcohol	6.87	79	308861	38.388	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	591097	33.892	ng	99
17) 2-Methylphenol	6.98	107	317132	38.022	ng	98
18) Hexachloroethane	7.23	117	152849	40.812	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	264428	36.685	ng	99
20) 3+4-Methylphenols	7.14	107	383886	38.332	ng	# 63
22) Acetophenone	7.14	105	512908	38.915	ng	# 91
24) Nitrobenzene	7.31	77	390236	39.012	ng	98
25) Isophorone	7.55	82	685909	37.291	ng	98
26) 2-Nitrophenol	7.62	139	208680	49.844	ng	99
27) 2,4-Dimethylphenol	7.66	122	296701	37.946	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	414701	37.340	ng	100
29) 2,4-Dichlorophenol	7.86	162	310680	41.846	ng	100
30) 1,2,4-Trichlorobenzene	7.95	180	324312	41.761	ng	99
31) Naphthalene	8.03	128	1094080	40.026	ng	100
32) Benzoic acid	7.80	122	231963	39.123	ng	94
33) 4-Chloroaniline	8.08	127	460081	39.436	ng	99
34) Hexachlorobutadiene	8.14	225	179309	43.620	ng	98
35) Caprolactam	8.46	113	102620	40.262	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	332217	40.878	ng	97
37) 2-Methylnaphthalene	8.72	142	733578	40.766	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	308572	43.106	ng	100
40) Hexachlorocyclopentadiene	8.87	237	178038	45.477	ng	97

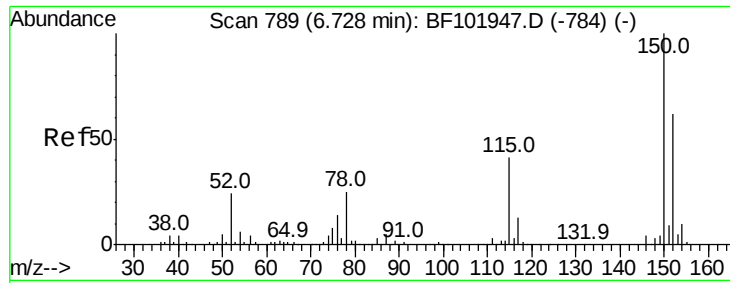
Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	210374	42.646	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	240283	43.097	nq	96
45) 1,1'-Biphenyl	9.19	154	886554	39.640	nq	97
46) 2-Chloronaphthalene	9.21	162	708315	40.841	nq	97
47) 2-Nitroaniline	9.30	65	223724	43.064	nq	94
48) Acenaphthylene	9.62	152	1081728	39.302	nq	100
49) Dimethylphthalate	9.49	163	837610	41.265	nq	100
50) 2,6-Dinitrotoluene	9.55	165	183145	45.169	nq	98
51) Acenaphthene	9.79	154	639437	38.276	nq	100
52) 3-Nitroaniline	9.72	138	219420	42.879	nq	87
53) 2,4-Dinitrophenol	9.82	184	87379	58.946	nq	# 23
54) Dibenzofuran	9.96	168	918341	40.054	nq	96
55) 4-Nitrophenol	9.88	139	161075	42.238	nq	90
56) 2,4-Dinitrotoluene	9.95	165	236407	46.518	nq	97
57) Fluorene	10.31	166	711286	44.877	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	171483	43.202	nq	100
59) Diethylphthalate	10.19	149	820462	40.634	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	313376	46.433	nq	96
61) 4-Nitroaniline	10.33	138	212528	43.762	nq	95
62) Azobenzene	10.46	77	743188	36.995	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	130065	52.233	nq	82
65) n-Nitrosodiphenylamine	10.42	169	647180	38.104	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	196909	41.109	nq	99
67) Hexachlorobenzene	10.85	284	216352	41.375	nq	95
68) Atrazine	10.95	200	206473	42.065	nq	99
69) Pentachlorophenol	11.05	266	138501	43.436	nq	99
70) Phenanthrene	11.27	178	1041378	39.305	nq	99
71) Anthracene	11.32	178	1070329	39.833	nq	100
72) Carbazole	11.47	167	1032518	39.094	nq	99
73) Di-n-butylphthalate	11.80	149	1301357	40.162	nq	99
74) Fluoranthene	12.45	202	1055645	40.497	nq	98
76) Benzidine	12.57	184	507760	30.288	nq	99
77) Pyrene	12.68	202	1086342	35.401	nq	99
79) Butylbenzylphthalate	13.30	149	542606	38.529	nq	99
80) Benzo(a)anthracene	13.86	228	837653	37.817	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	318905	38.884	nq	99
82) Chrysene	13.90	228	863126	37.371	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	684947	42.397	nq	99
84) Di-n-octyl phthalate	14.47	149	1102699	41.132	nq	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	621262	36.957	nq	99
87) Benzo(b)fluoranthene	14.89	252	766864	40.462	nq	99
88) Benzo(k)fluoranthene	14.92	252	724242	39.612	nq	99
89) Benzo(a)pyrene	15.23	252	682418	40.013	nq	98
90) Dibenzo(a,h)anthracene	16.68	278	512556	37.659	nq	99
91) Benzo(g,h,i)perylene	17.08	276	495108	36.113	nq	98

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

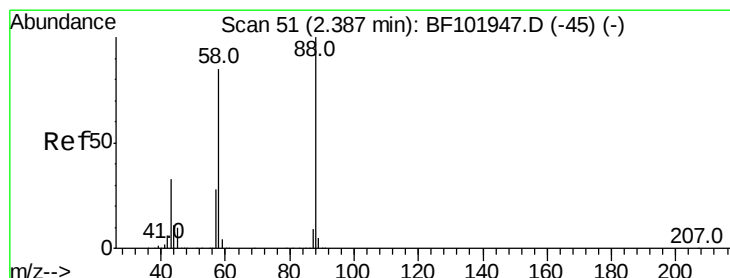
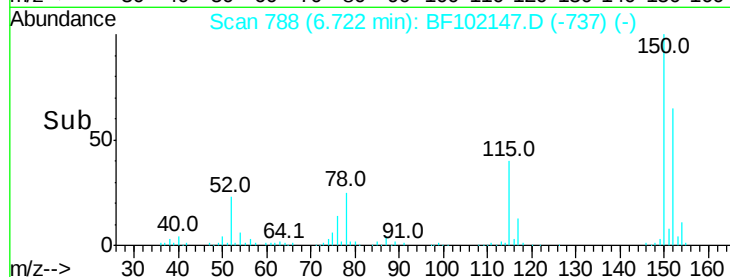
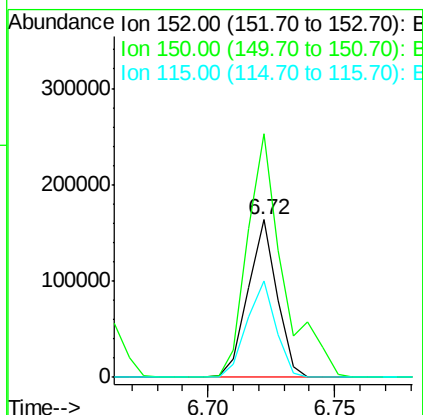
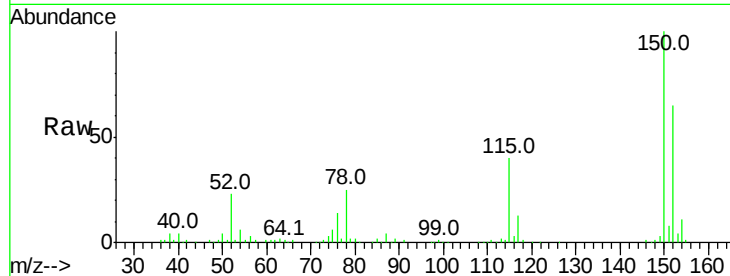


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Instrument :
BNA_F
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SSTDCCC040

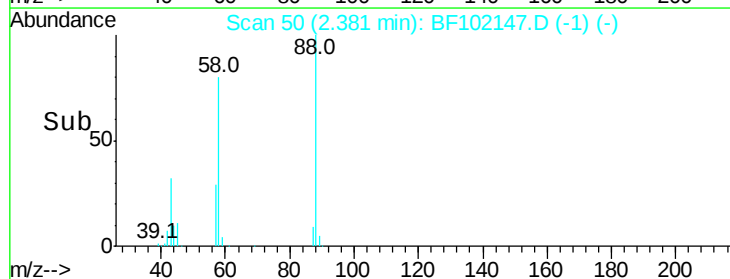
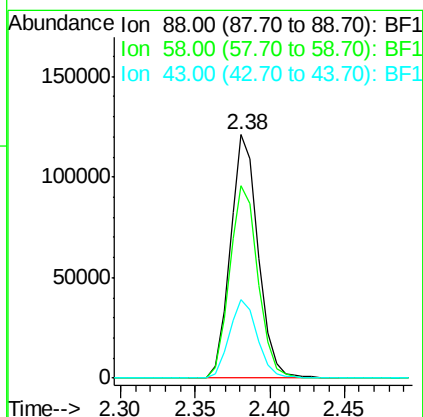
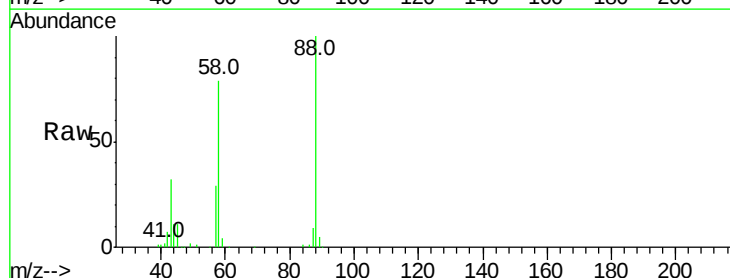
Tot Ion:152 Resp: 130179
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 61.2 50.1 75.1

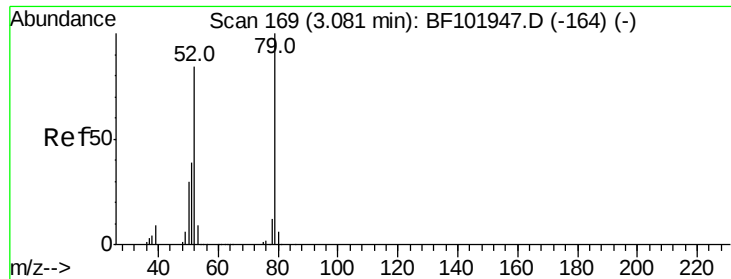


#2

1,4-Dioxane
Concen: 34.274 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion: 88 Resp: 157686
Ion Ratio Lower Upper
88 100
58 80.2 62.6 93.8
43 33.2 24.6 37.0

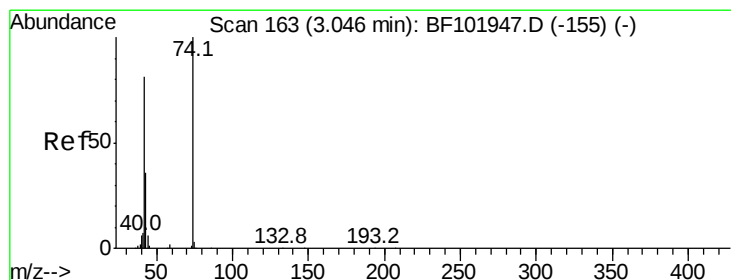
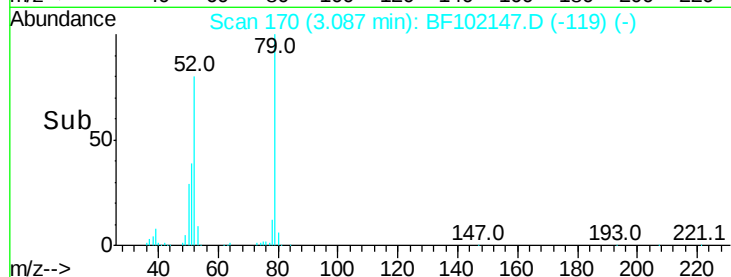
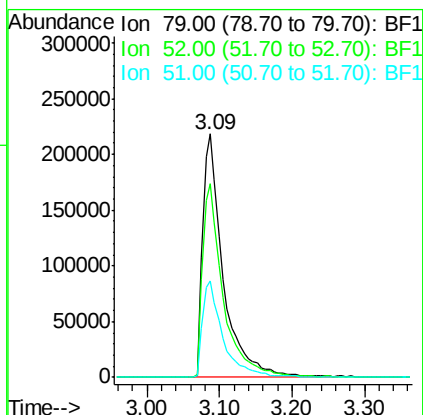
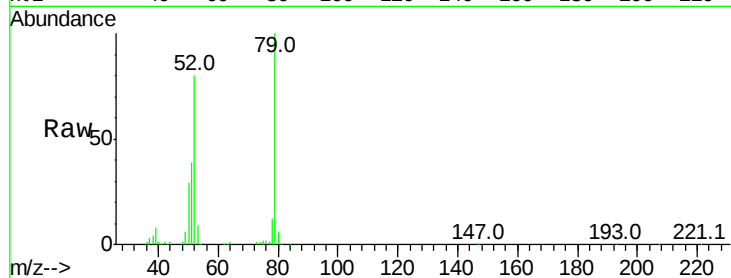




#3
 Pvridine
 Concen: 33.984 ng
 RT: 3.09 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

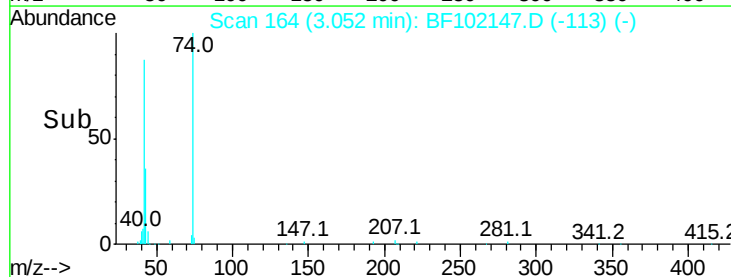
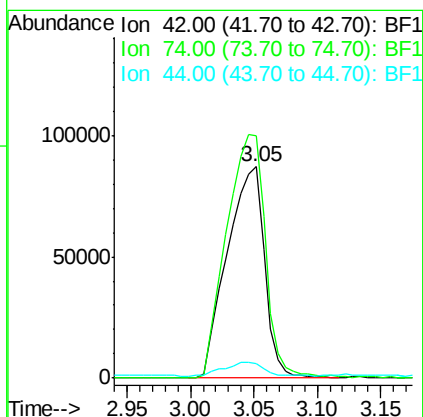
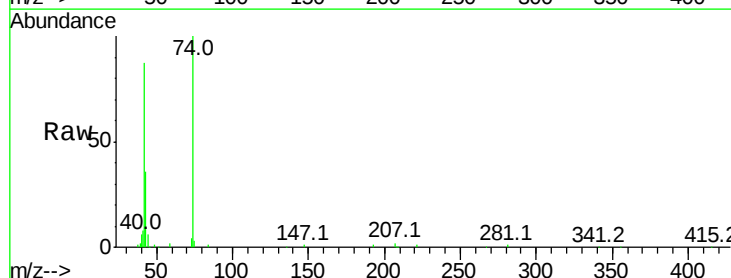
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

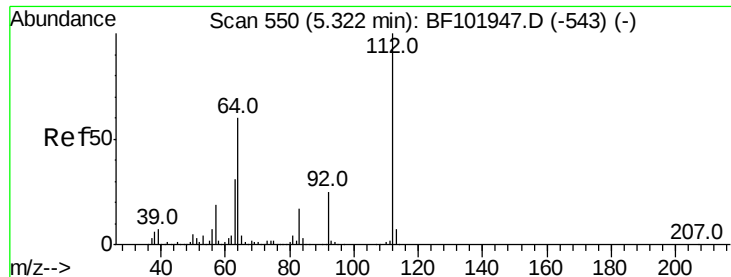
Tot Ion: 79 Resp: 426979
 Ion Ratio Lower Upper
 79 100
 52 79.8 59.8 89.6
 51 39.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.024 ng
 RT: 3.05 min Scan# 164
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Tgt Ion: 42 Resp: 179014
 Ion Ratio Lower Upper
 42 100
 74 114.9 104.9 157.3
 44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 73.741 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

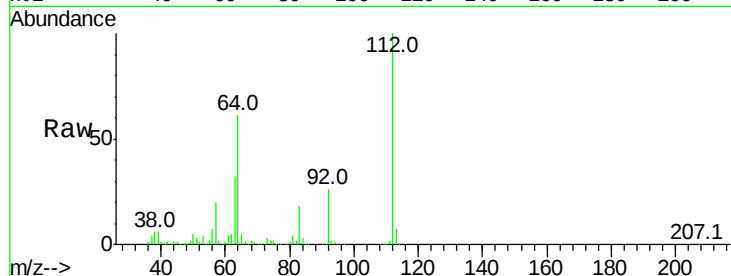
Tot Ion:112 Resp: 679811

Ion Ratio Lower Upper

112 100

64 61.4 47.9 71.9

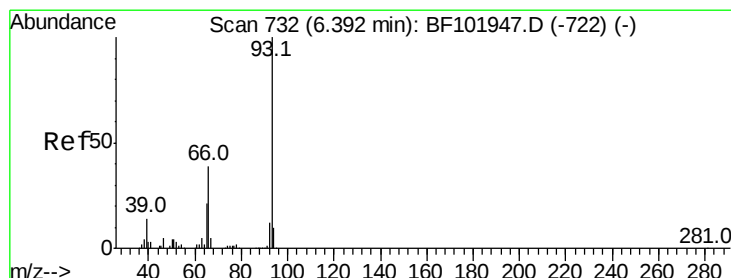
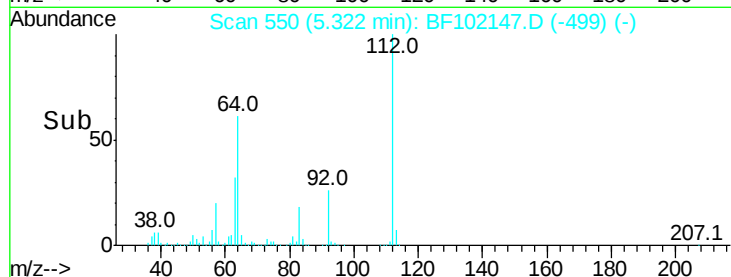
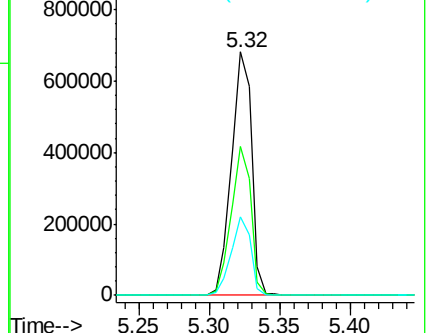
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.174 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

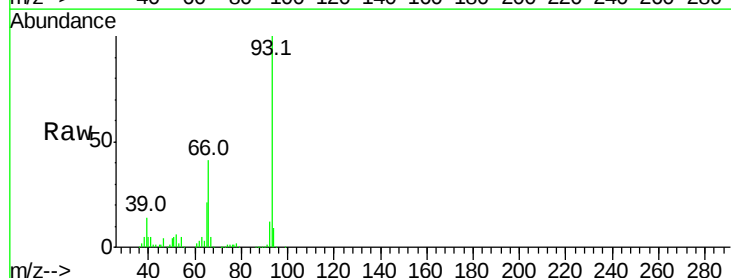
Tgt Ion: 93 Resp: 560730

Ion Ratio Lower Upper

93 100

66 40.7 32.2 48.2

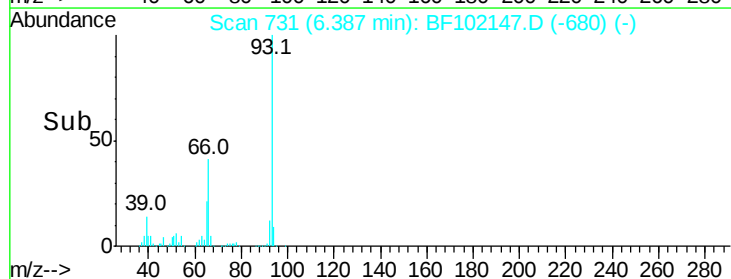
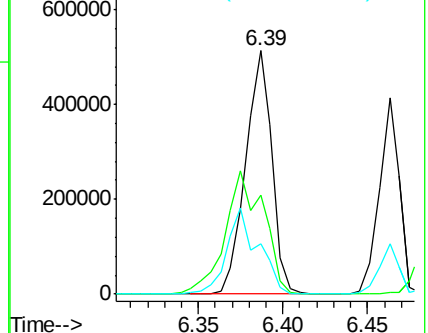
65 20.8 16.4 24.6

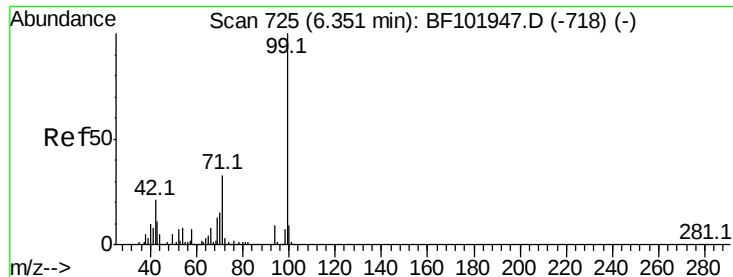


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.071 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

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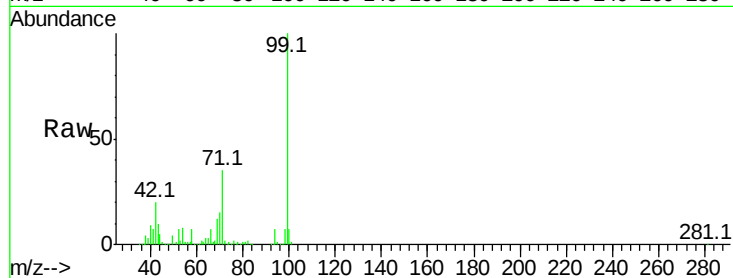
Tot Ion: 99 Resp: 825716

Ion Ratio Lower Upper

99 100

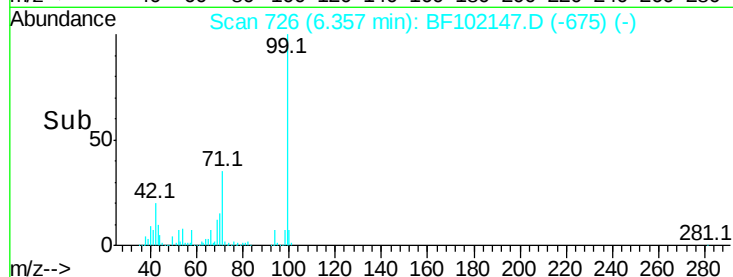
42 20.2 14.5 21.7

71 34.8 25.4 38.0

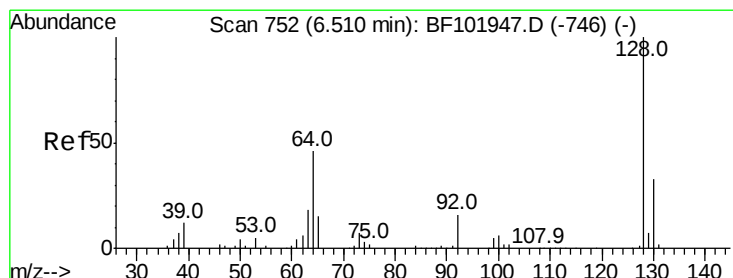


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.36



Time-->



#8

2-Chlorophenol

Concen: 39.746 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

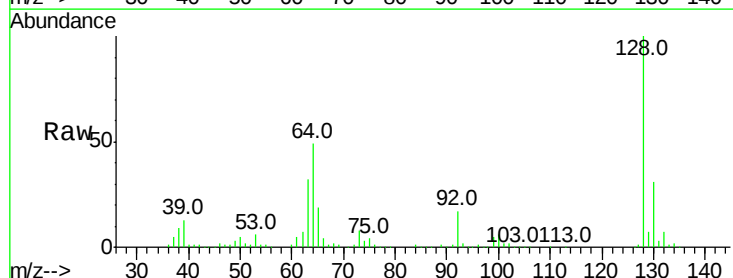
Tgt Ion: 128 Resp: 367493

Ion Ratio Lower Upper

128 100

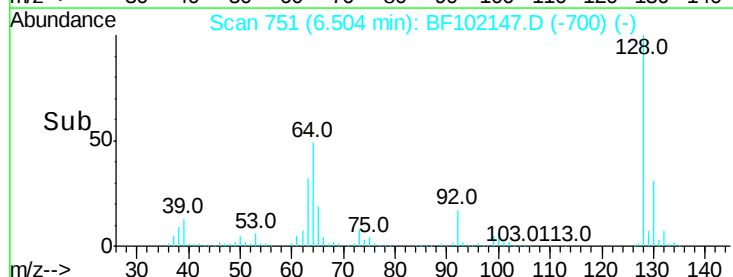
130 30.9 13.0 53.0

64 49.3 29.4 69.4

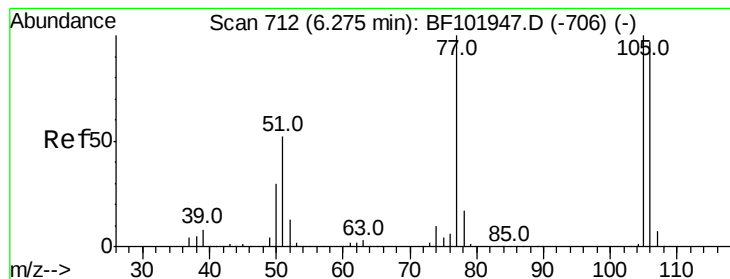


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

6.50



Time-->



#9

Benzaldehyde

Concen: 32.389 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

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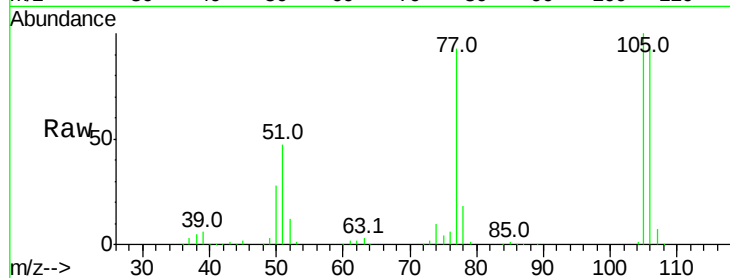
Tot Ion: 77 Resp: 247358

Ion Ratio Lower Upper

77 100

105 108.1 81.1 121.1

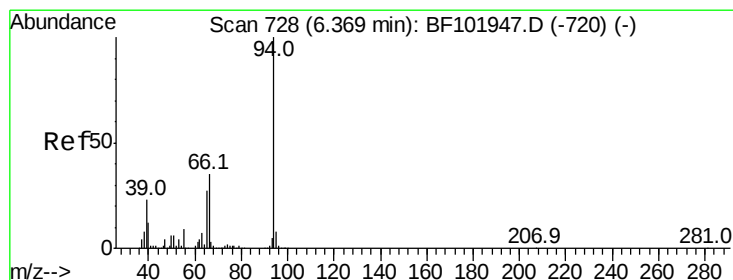
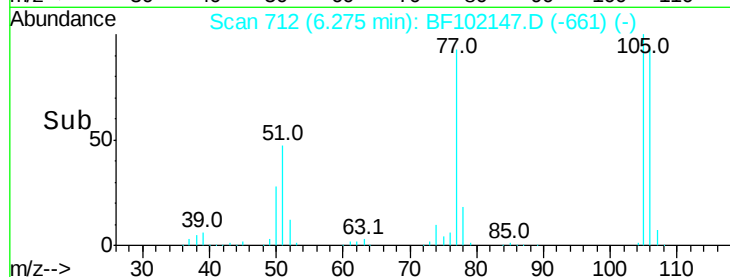
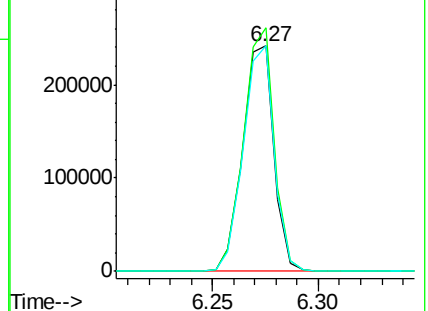
106 100.0 74.5 114.5



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: 35.966 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

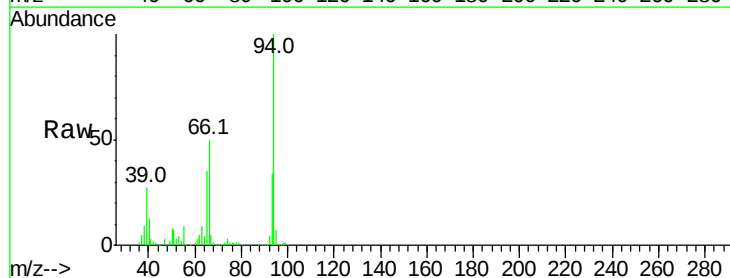
Tgt Ion: 94 Resp: 447063

Ion Ratio Lower Upper

94 100

65 34.7 7.9 47.9

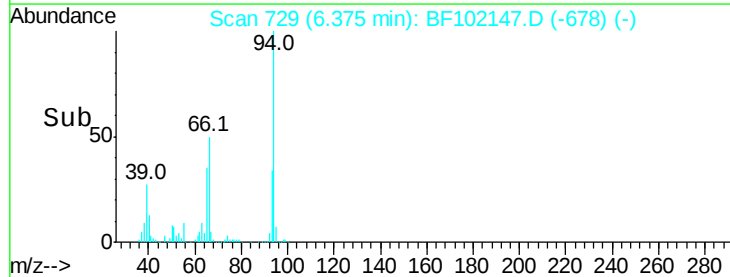
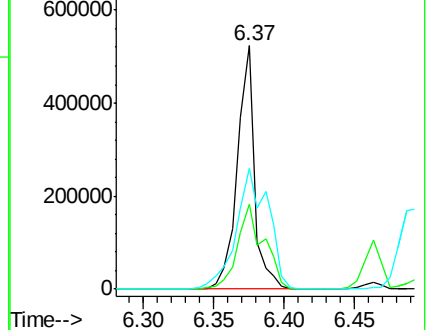
66 49.8 16.2 56.2

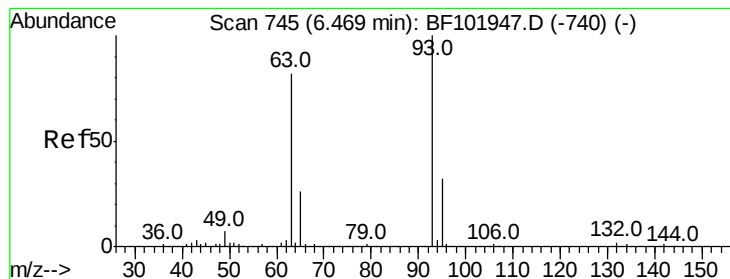


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.219 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

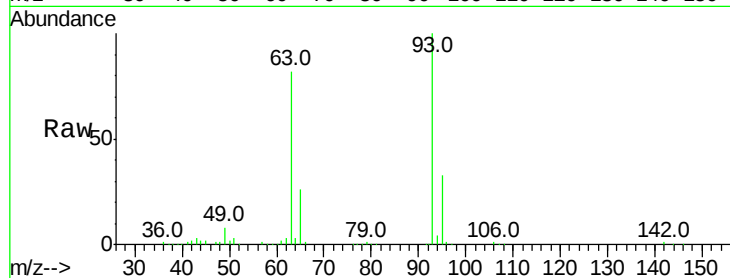
Tot Ion: 93 Resp: 342672

Ion Ratio Lower Upper

93 100

63 82.3 58.6 98.6

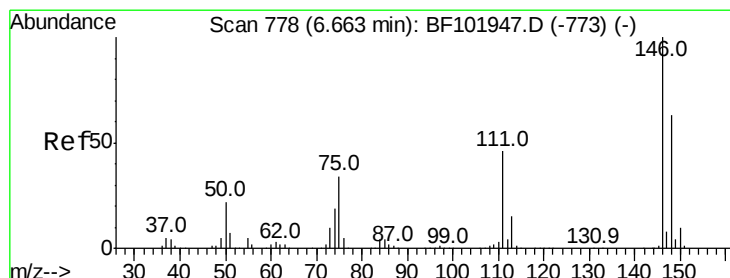
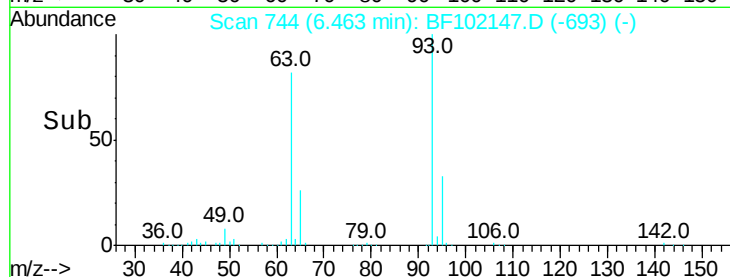
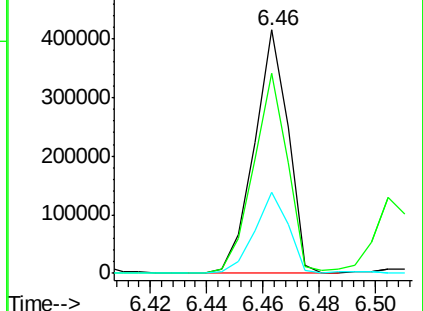
95 33.0 11.8 51.8



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: 39.376 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

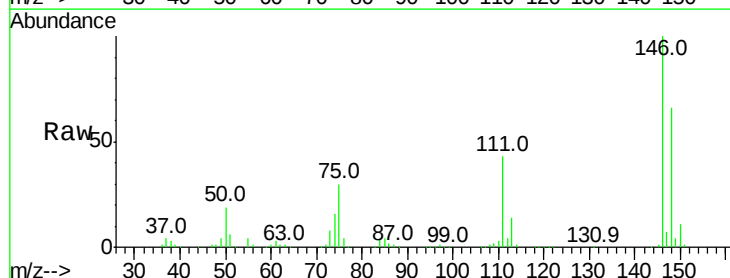
Tgt Ion: 146 Resp: 419688

Ion Ratio Lower Upper

146 100

148 65.9 51.8 77.8

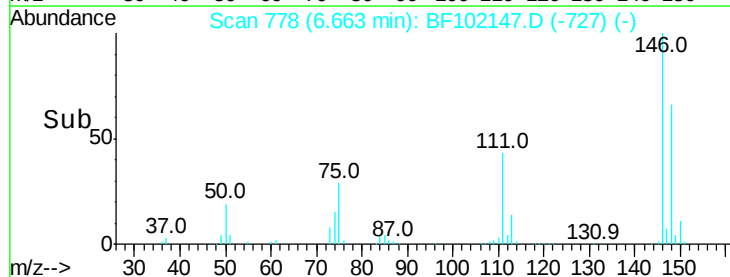
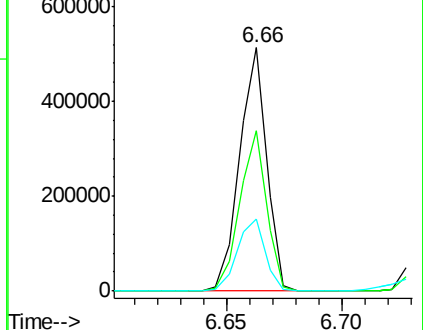
75 29.9 24.2 36.4

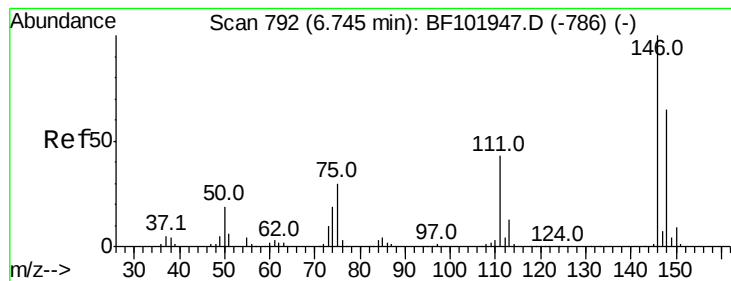


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.268 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

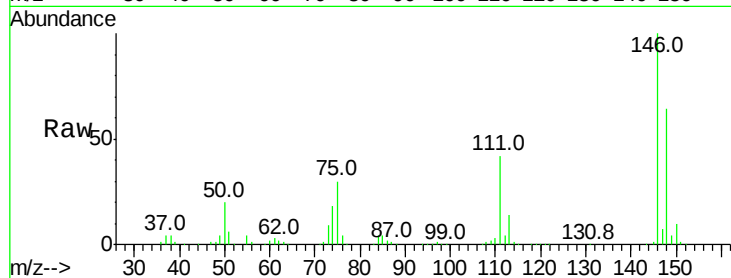
Tot Ion:146 Resp: 428268

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

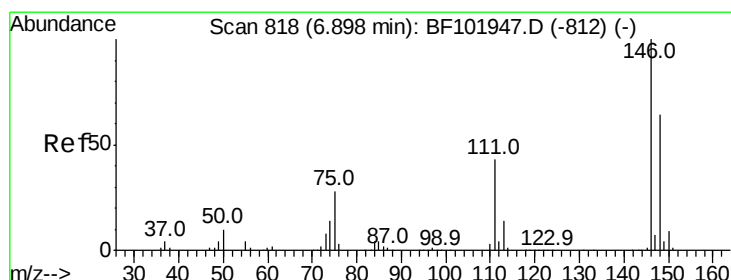
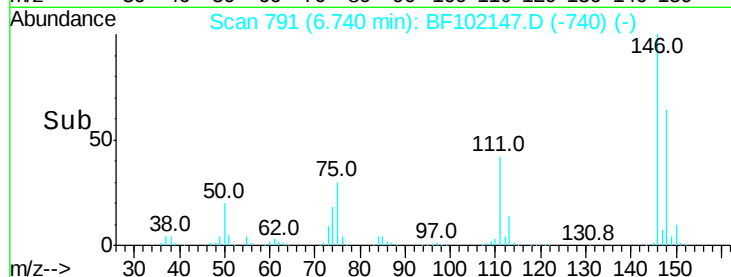
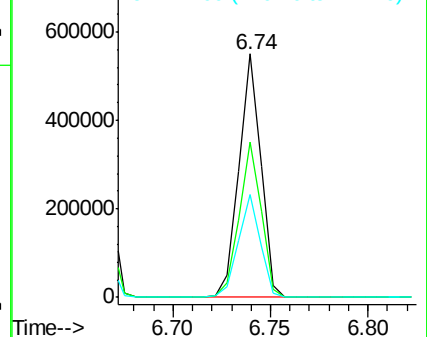
111 42.3 34.2 51.2



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: 41.129 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

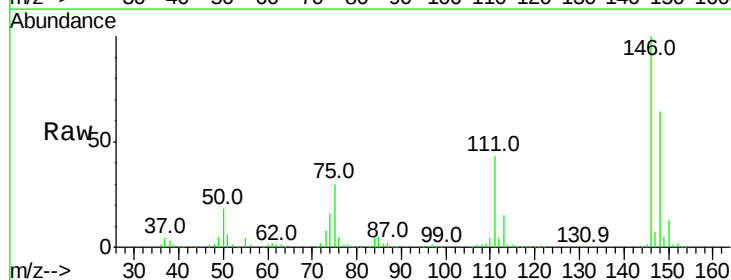
Tgt Ion:146 Resp: 404877

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

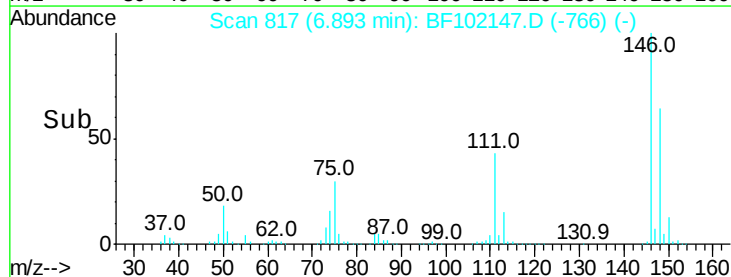
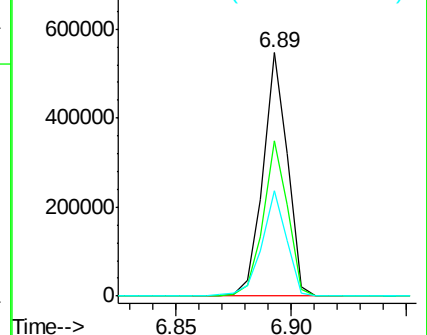
111 43.2 36.0 54.0

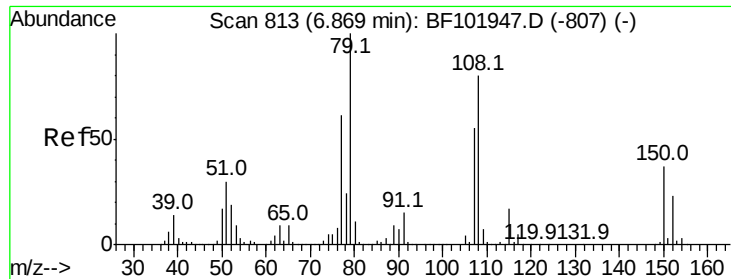


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

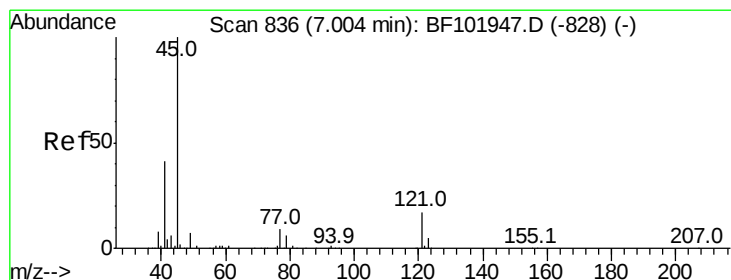
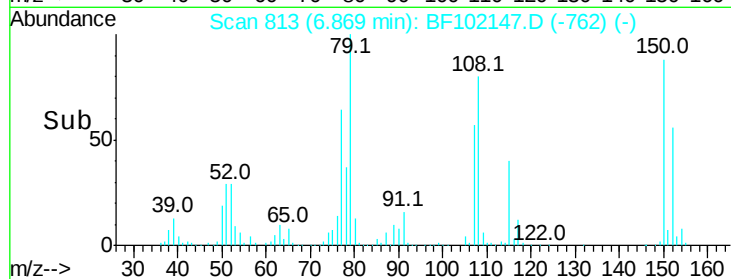
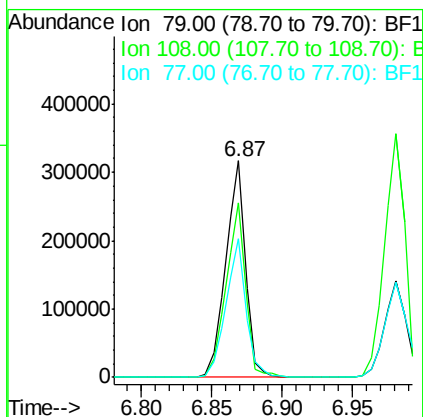
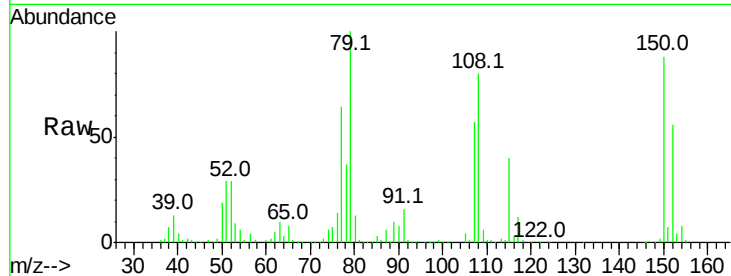




#15
Benzyl Alcohol
Concen: 38.388 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

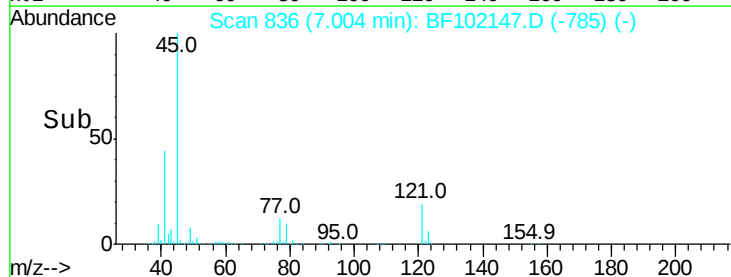
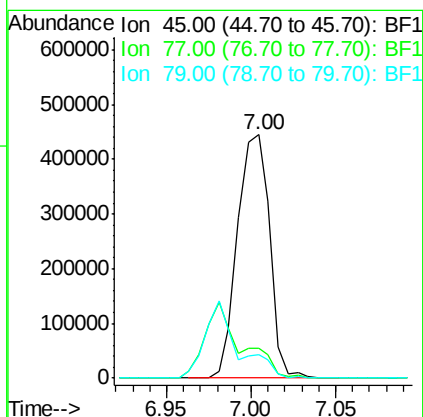
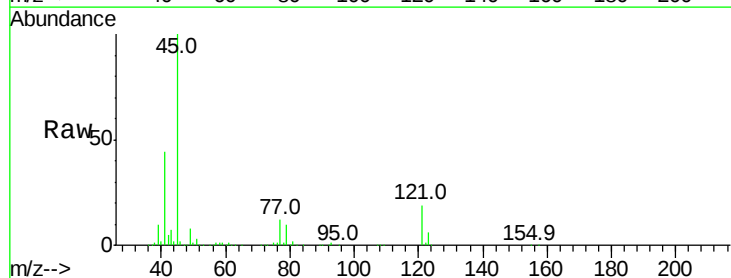
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

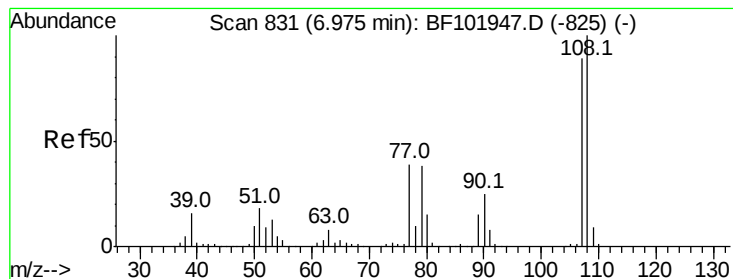
Tot Ion: 79 Resp: 308861
Ion Ratio Lower Upper
79 100
108 80.5 65.1 97.7
77 64.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.892 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion: 45 Resp: 591097
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.9
79 9.8 0.0 29.6





#17

2-Methylphenol

Concen: 38.022 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 317132

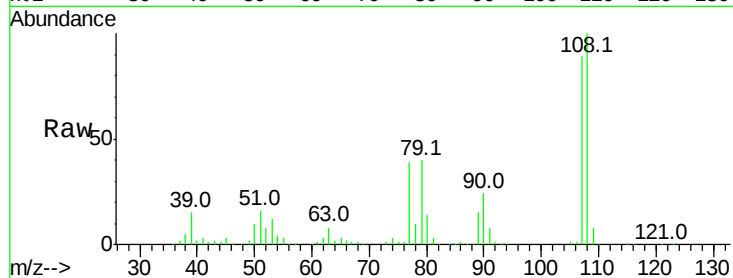
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 44.0 33.8 50.8

79 44.6 33.8 50.8

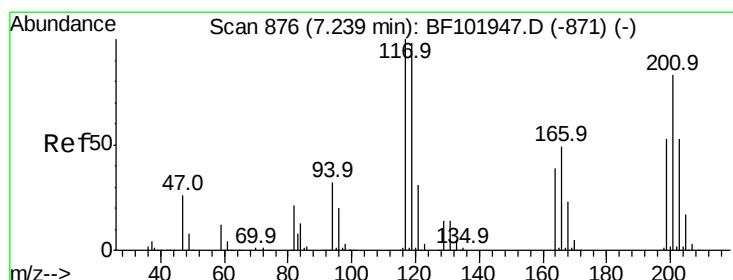
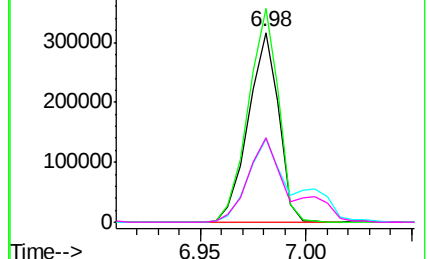
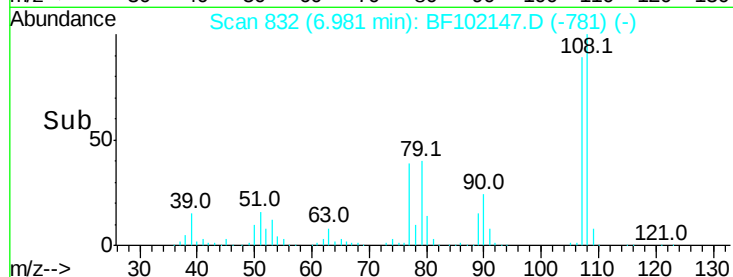


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.812 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

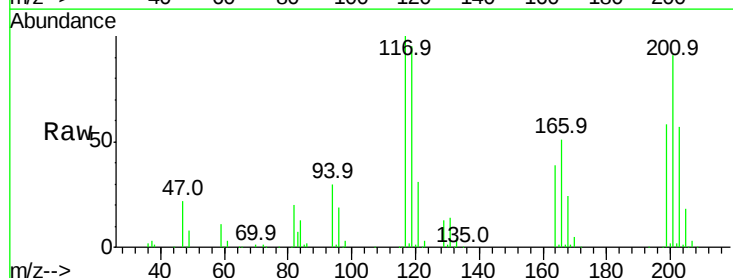
Tgt Ion:117 Resp: 152849

Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.8

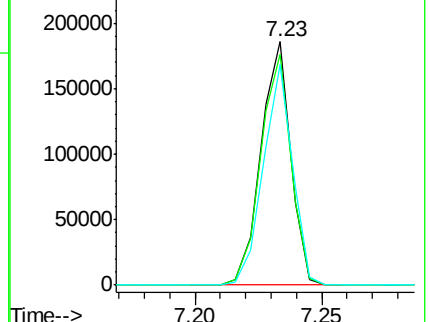
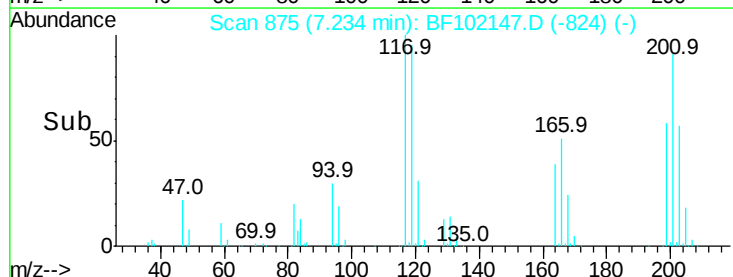
201 90.8 75.7 113.5

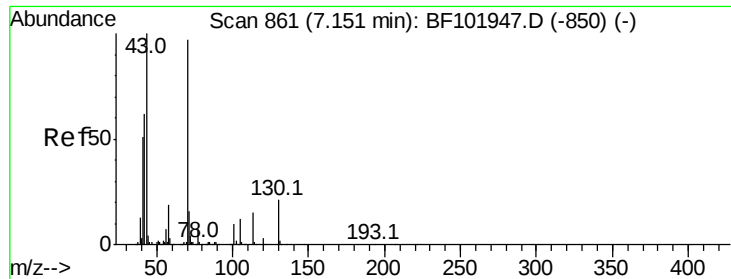


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

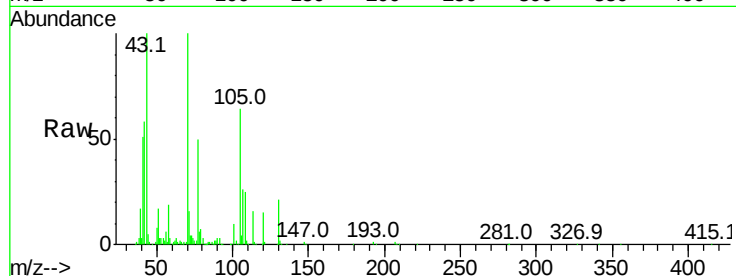




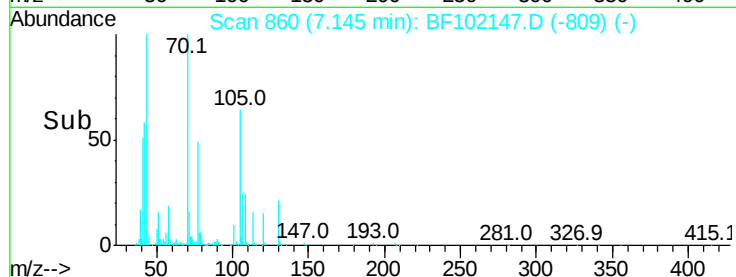
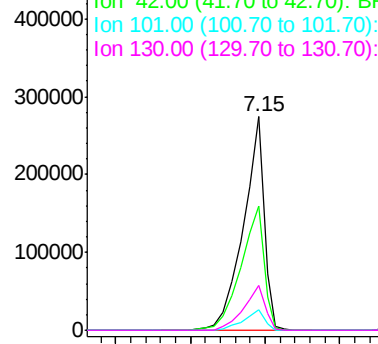
#19
n-Nitroso-di-n-propylamine
Concen: 36.685 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 264428
Ion Ratio Lower Upper
70 100
42 58.1 47.5 71.3
101 9.5 7.4 11.2
130 21.2 16.6 25.0



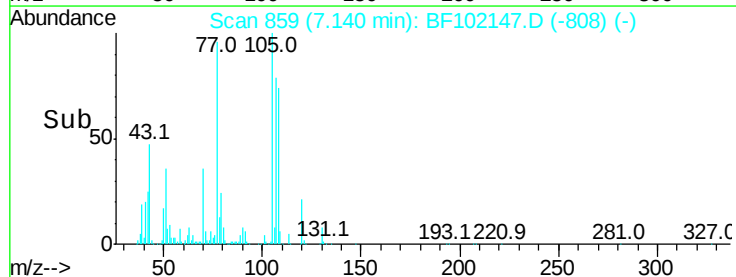
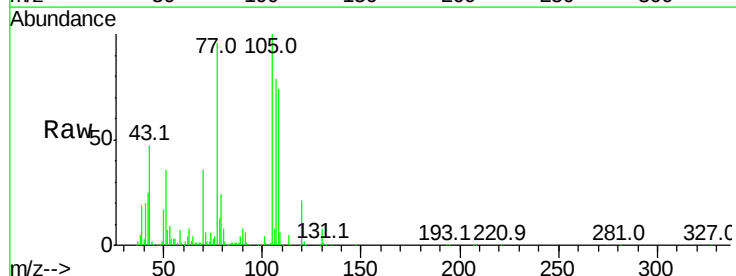
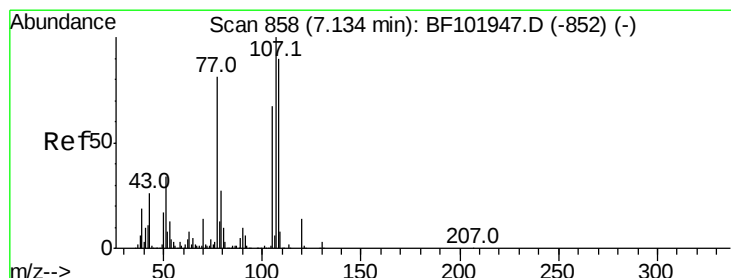
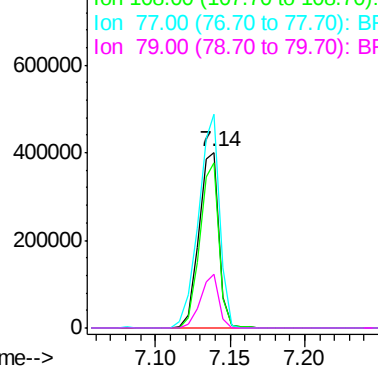
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

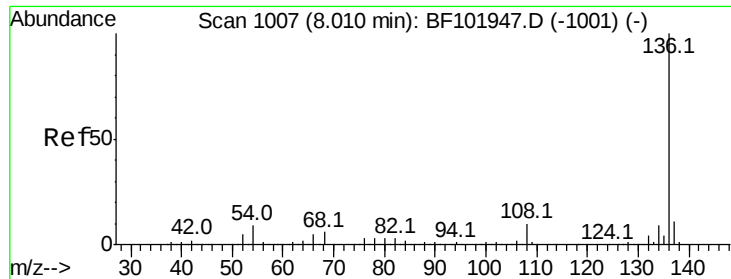


#20
3+4-Methylphenols
Concen: 38.332 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion:107 Resp: 383886
Ion Ratio Lower Upper
107 100
108 94.1 68.2 108.2
77 121.7 26.7 66.7#
79 30.7 6.3 46.3

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

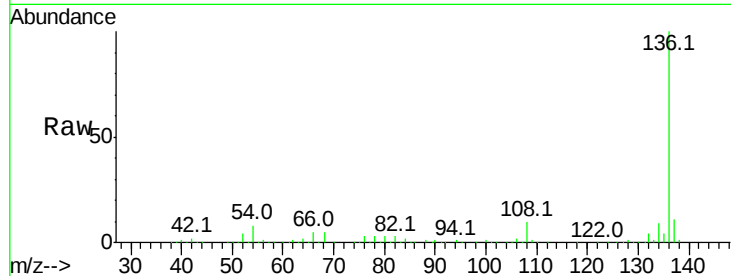




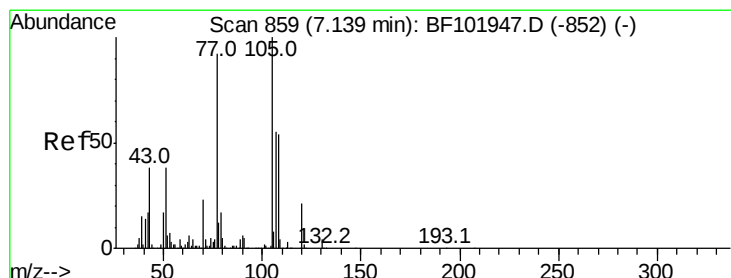
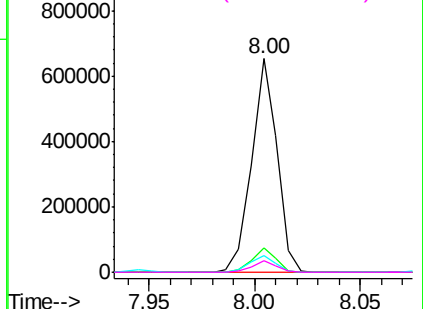
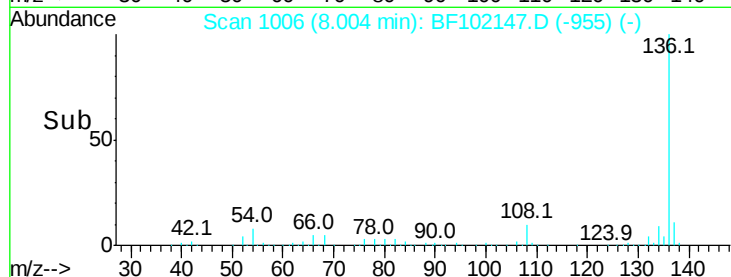
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	136	Resp:	547029
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	6.6	9.8
68	5.2	5.0	7.4

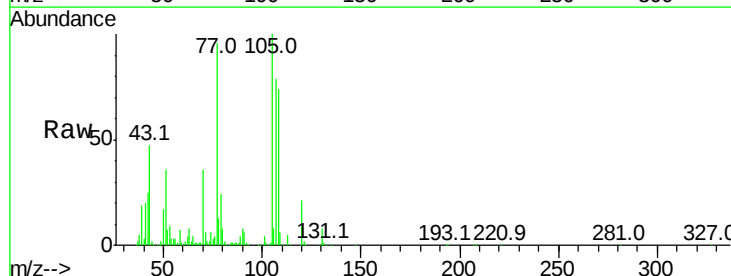


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

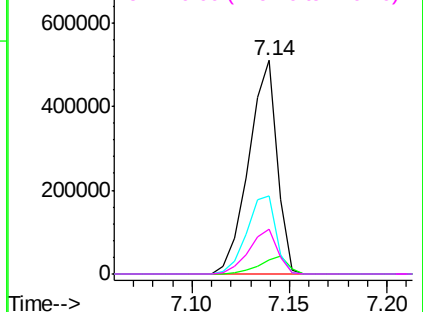
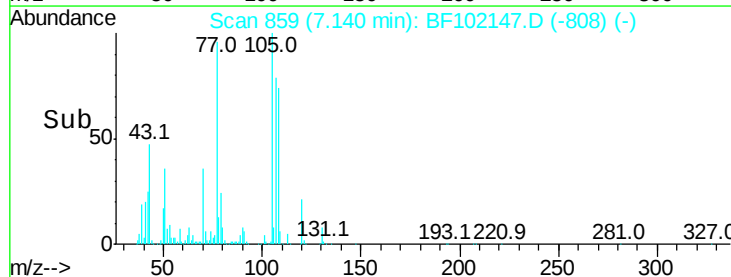


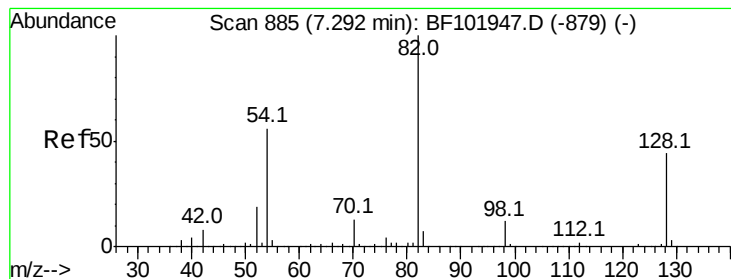
#22
Acetophenone
Concen: 38.915 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion:	105	Resp:	512908
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.4	6.6
51	36.4	22.3	33.5#
120	20.8	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: 82.633 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

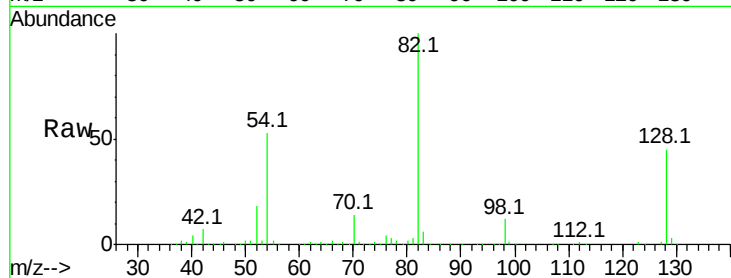
Tot Ion: 82 Resp: 769226

Ion Ratio Lower Upper

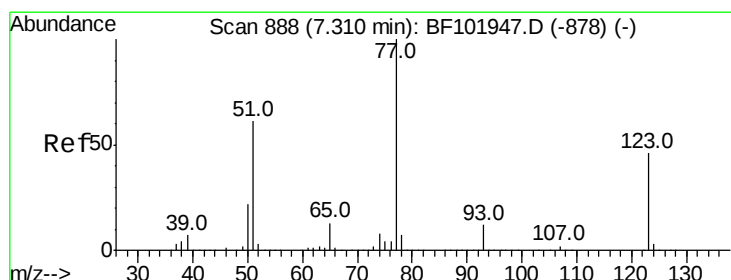
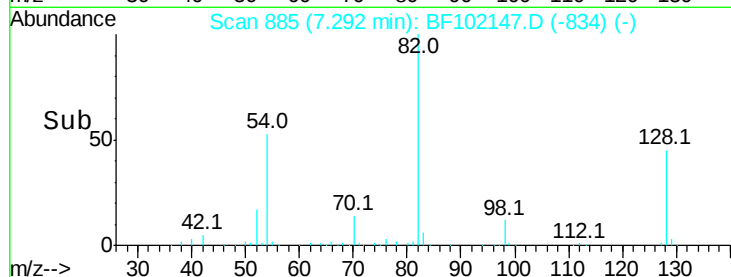
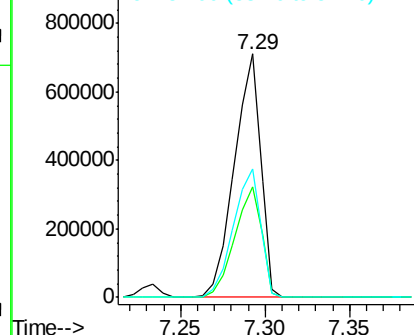
82 100

128 45.4 36.1 54.1

54 52.7 41.4 62.2



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



#24

Nitrobenzene

Concen: 39.012 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

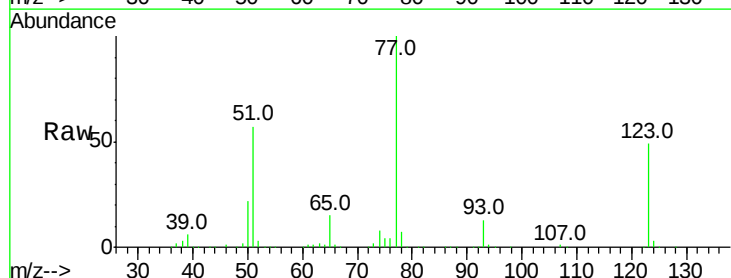
Tgt Ion: 77 Resp: 390236

Ion Ratio Lower Upper

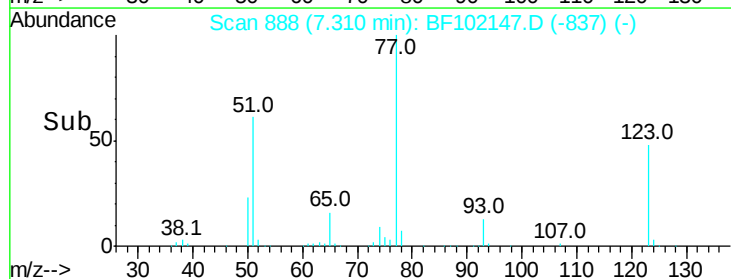
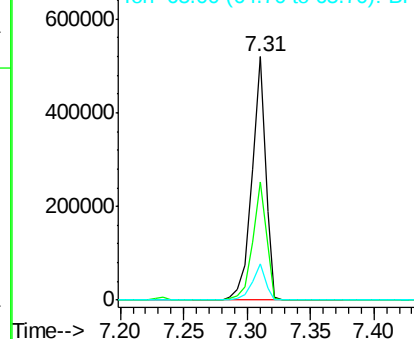
77 100

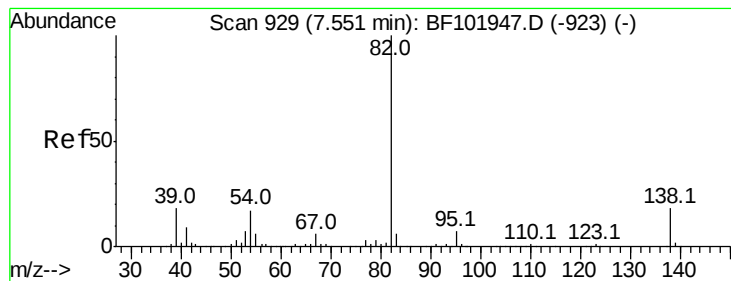
123 48.6 37.9 56.9

65 15.1 11.0 16.4



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





#25

Isophorone

Concen: 37.291 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

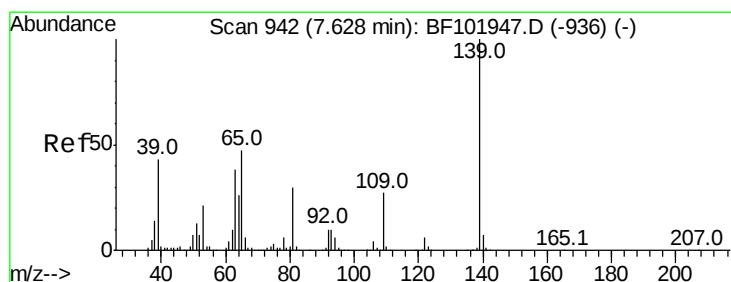
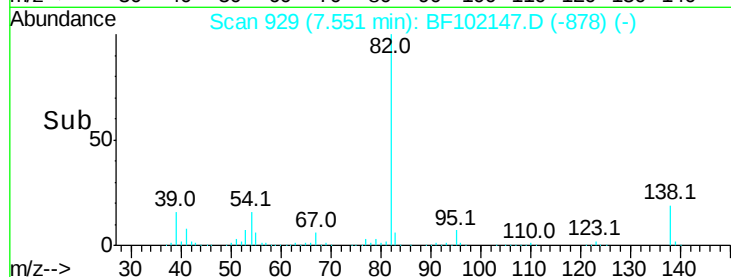
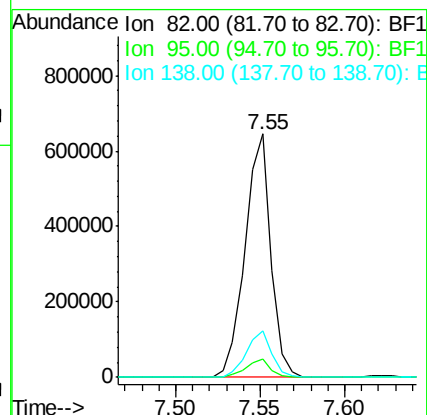
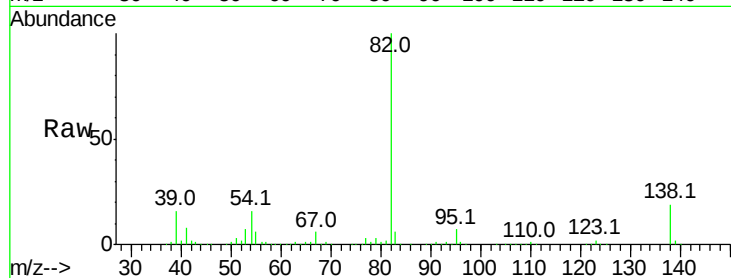
Tot Ion: 82 Resp: 685909

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 49.844 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

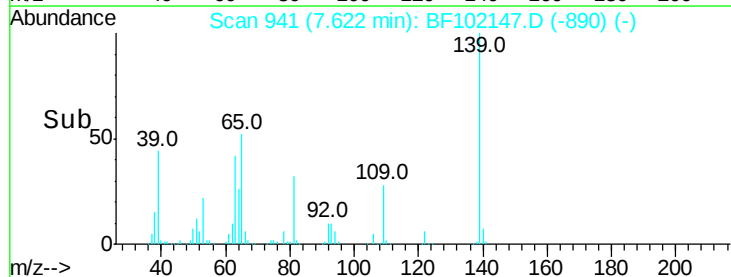
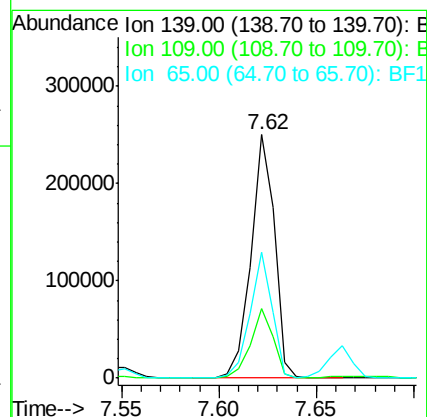
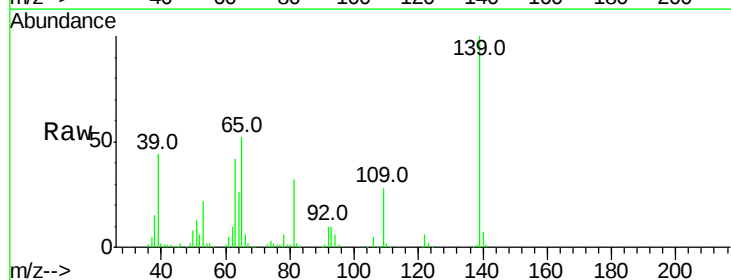
Tgt Ion: 139 Resp: 208680

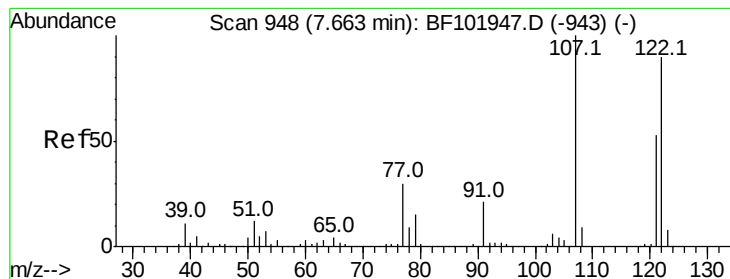
Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

65 51.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.946 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

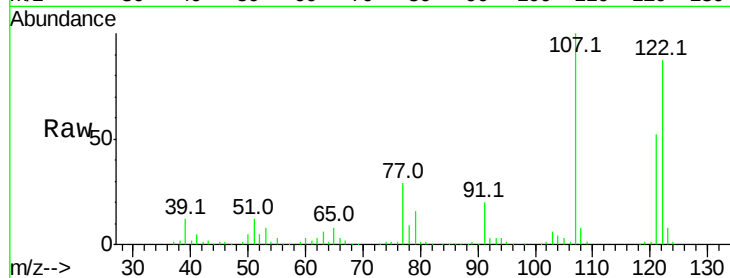
Tot Ion:122 Resp: 296701

Ion Ratio Lower Upper

122 100

107 114.9 91.2 136.8

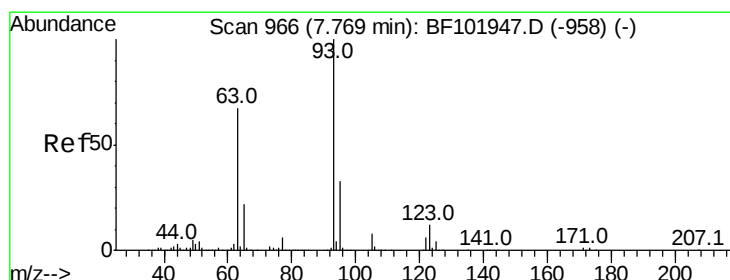
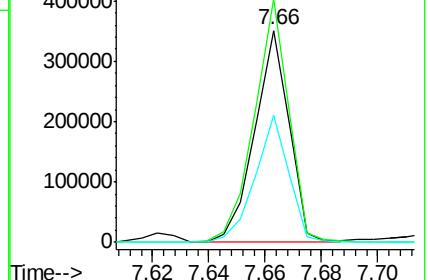
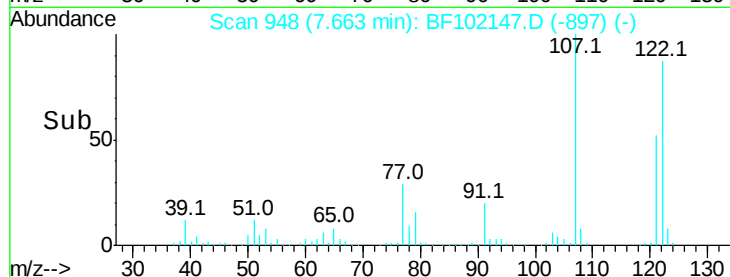
121 59.9 47.2 70.8



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: 37.340 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

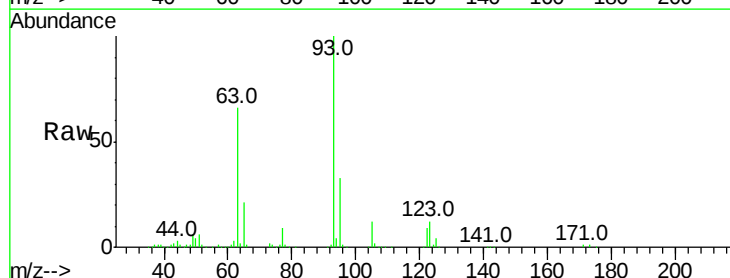
Tgt Ion: 93 Resp: 414701

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

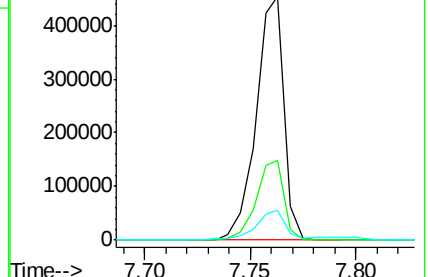
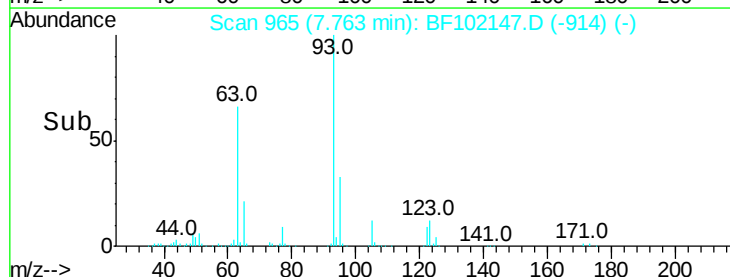
123 12.4 9.8 14.6

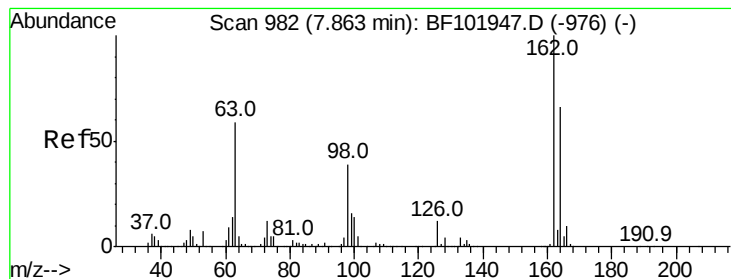


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.846 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

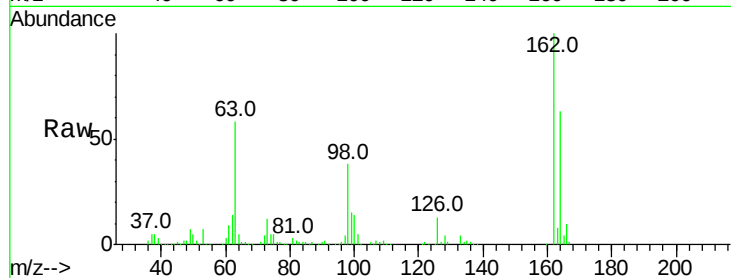
Tot Ion:162 Resp: 310680

Ion Ratio Lower Upper

162 100

164 63.0 42.7 82.7

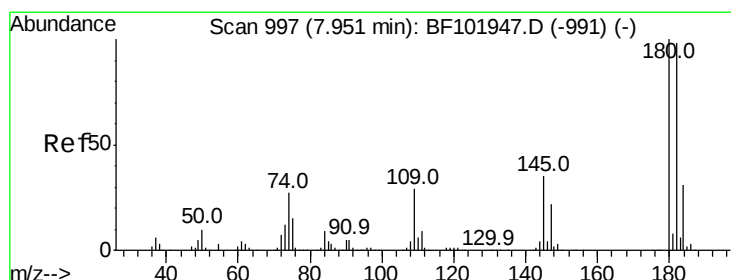
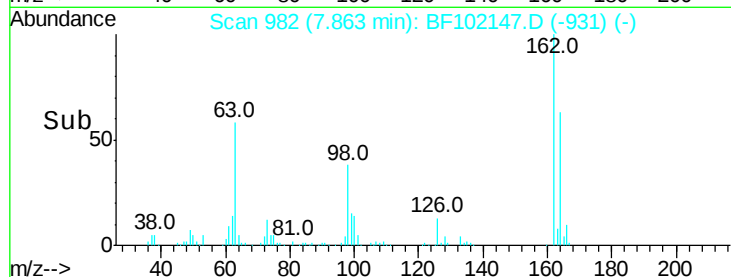
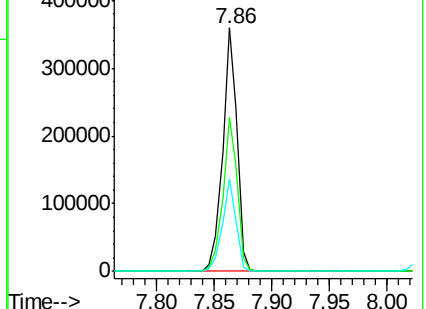
98 37.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.761 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

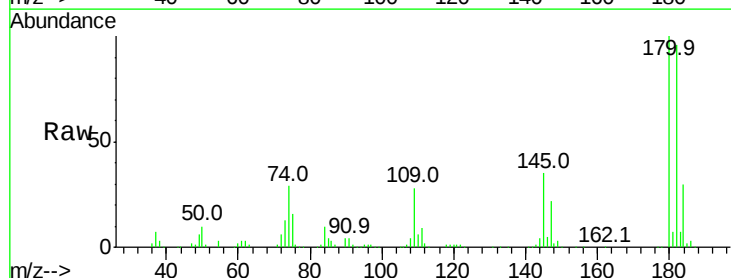
Tgt Ion:180 Resp: 324312

Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

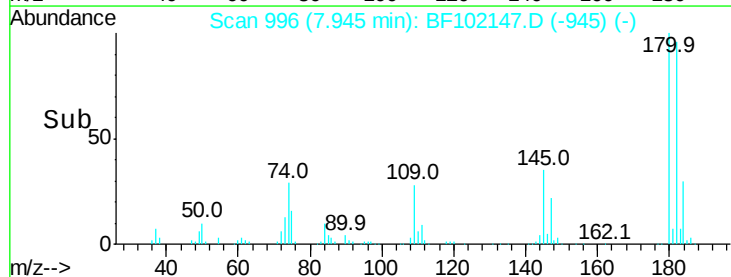
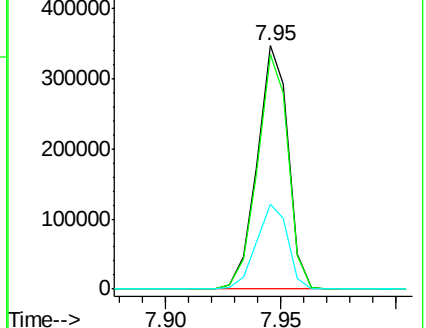
145 34.9 26.5 39.7

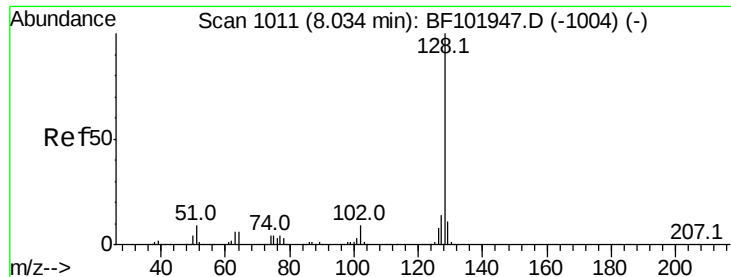


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

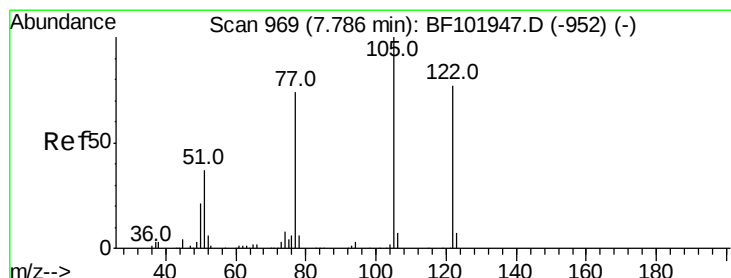
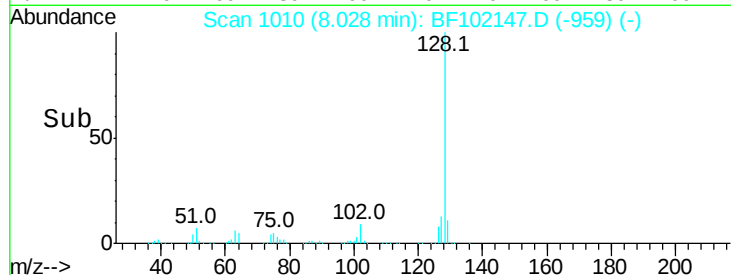
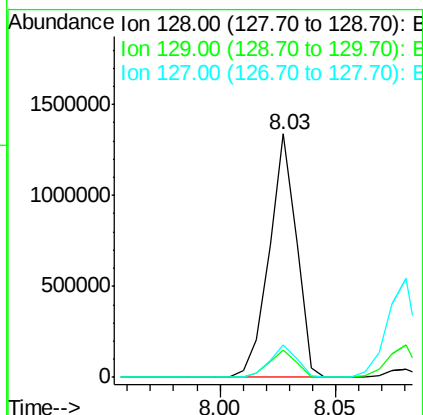
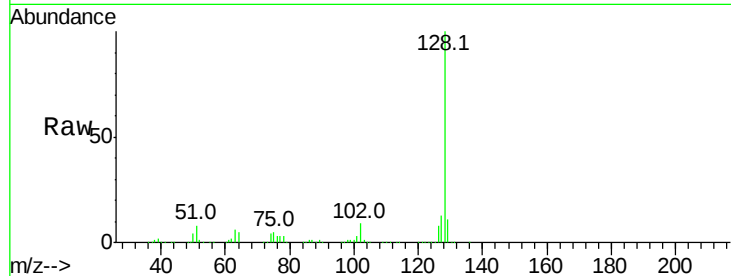




#31
Naphthalene
Concen: 40.026 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

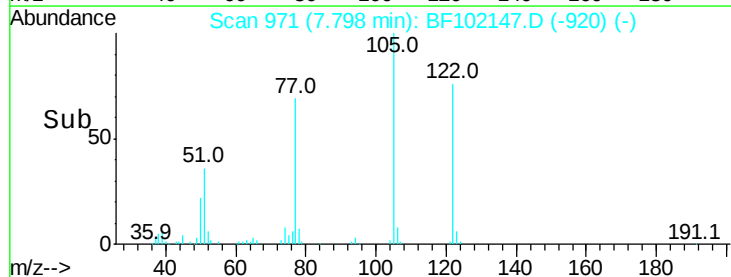
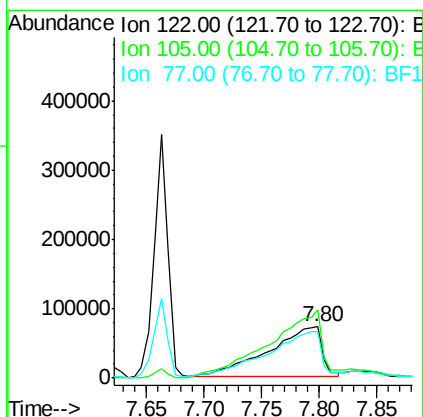
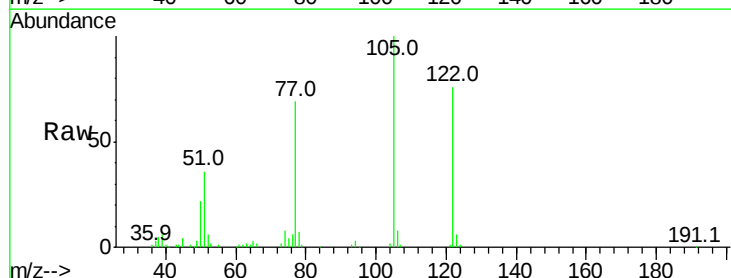
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

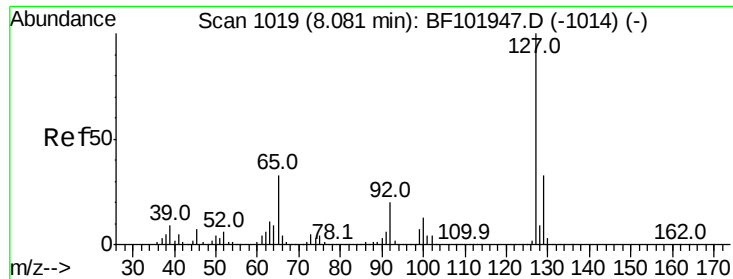
Tot Ion:128 Resp: 1094080
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 39.123 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion:122 Resp: 231963
Ion Ratio Lower Upper
122 100
105 132.2 101.1 141.1
77 90.9 70.7 110.7

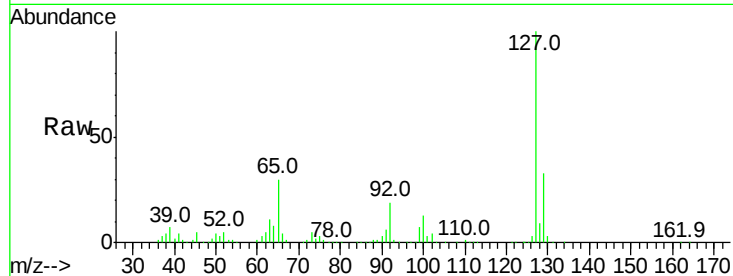




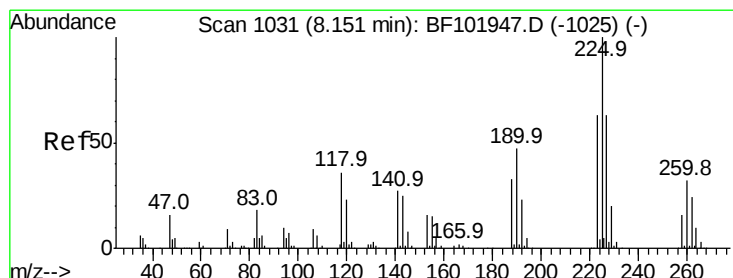
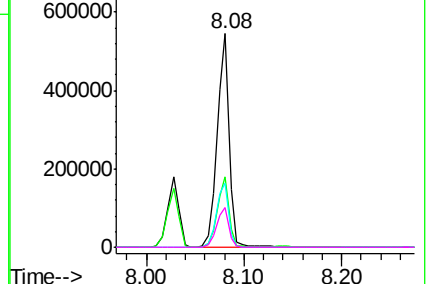
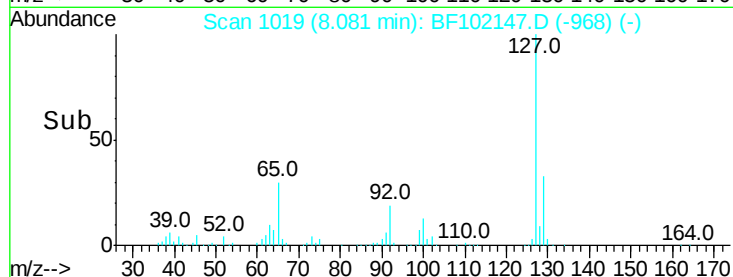
#33
4-Chloroaniline
Concen: 39.436 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	460081
Ion Ratio	Lower	Upper
127	100	
129	32.8	25.9 38.9
65	30.1	25.0 37.4
92	18.6	15.2 22.8

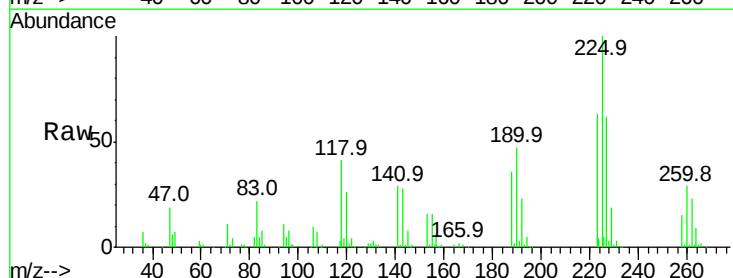


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

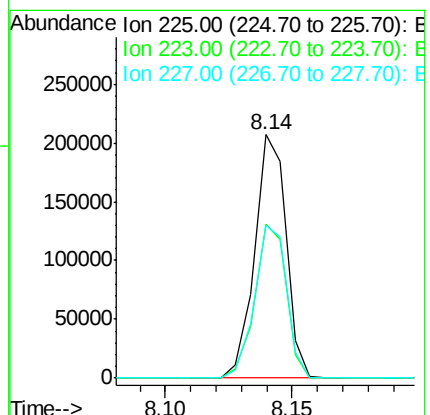
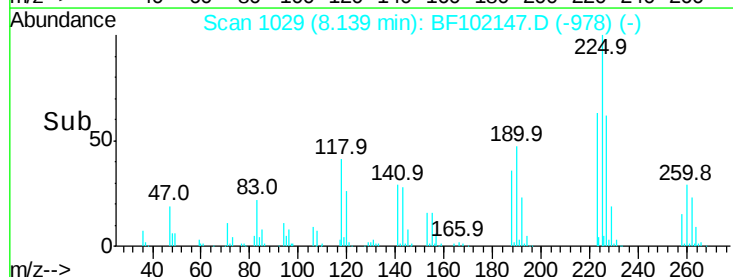


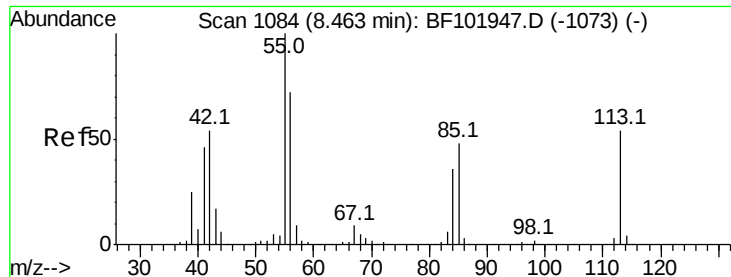
#34
Hexachlorobutadiene
Concen: 43.620 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion:225	Resp:	179309
Ion Ratio	Lower	Upper
225	100	
223	63.0	50.6 76.0
227	62.5	51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

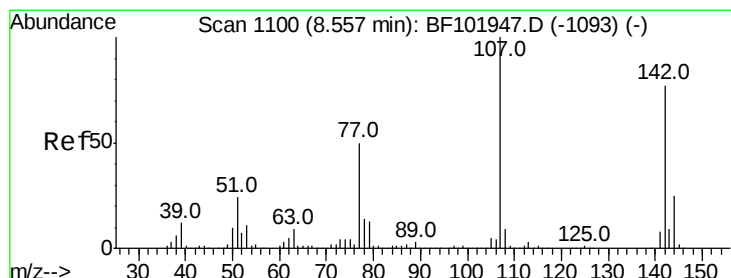
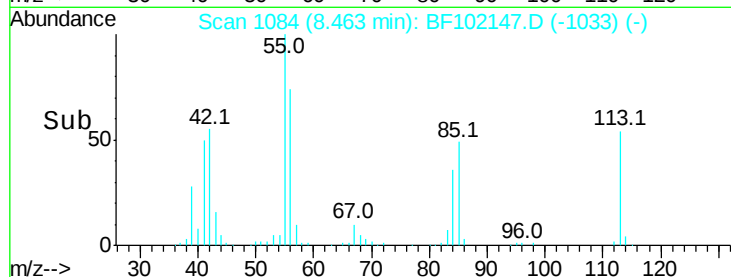
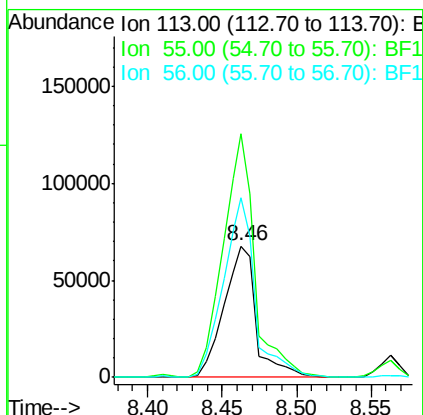
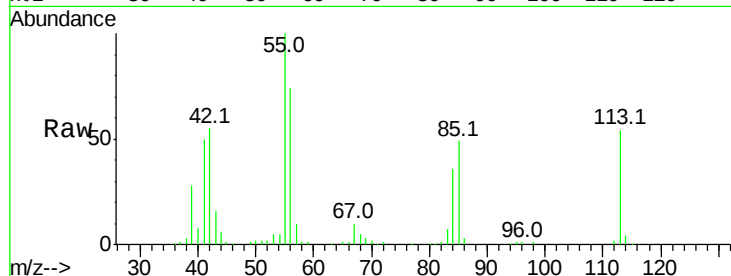




#35
 Caprolactam
 Concen: 40.262 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

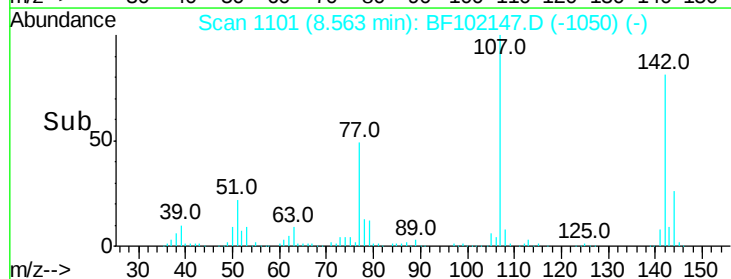
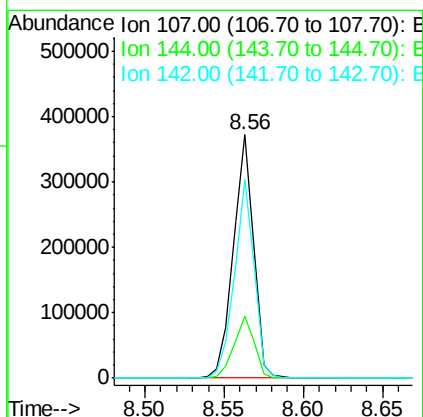
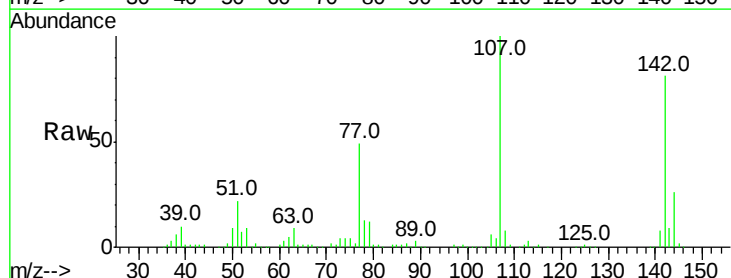
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

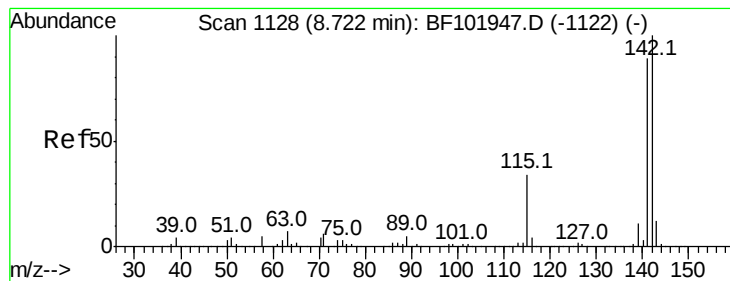
Tot Ion:113 Resp: 102620
 Ion Ratio Lower Upper
 113 100
 55 185.0 163.3 203.3
 56 136.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.878 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Tgt Ion:107 Resp: 332217
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 81.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 40.766 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

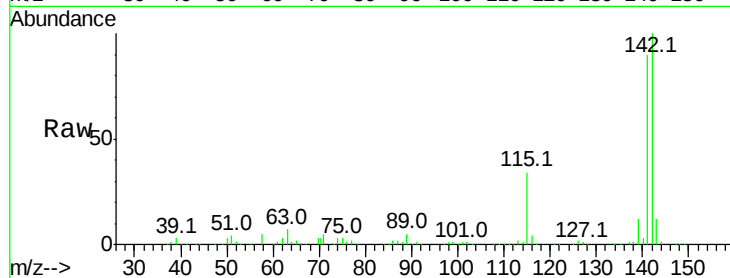
Tot Ion:142 Resp: 733578

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

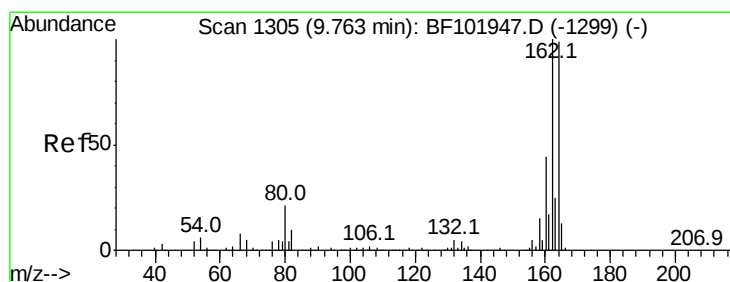
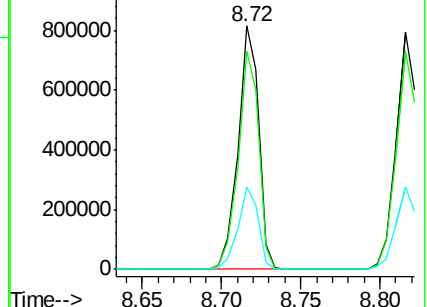
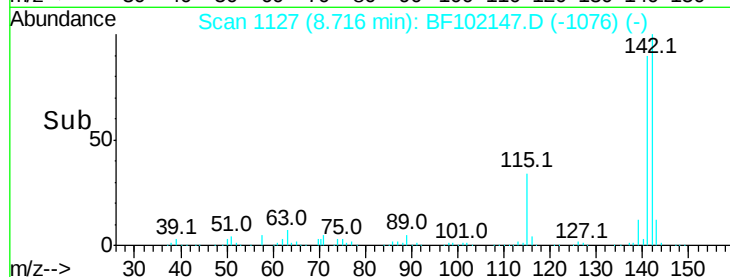
115 33.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

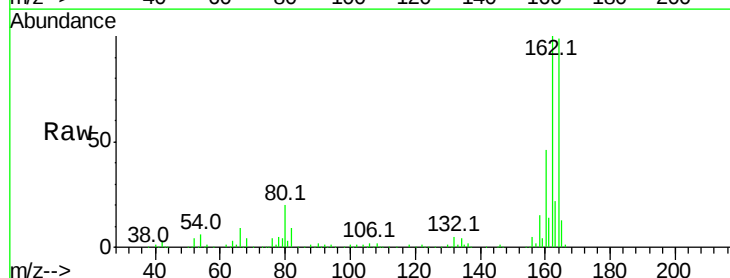
Tgt Ion:164 Resp: 253033

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

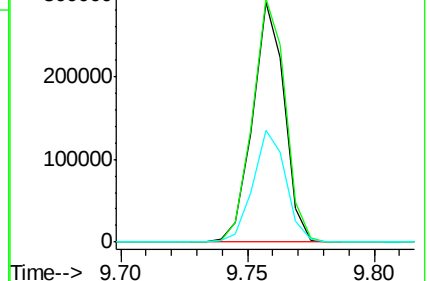
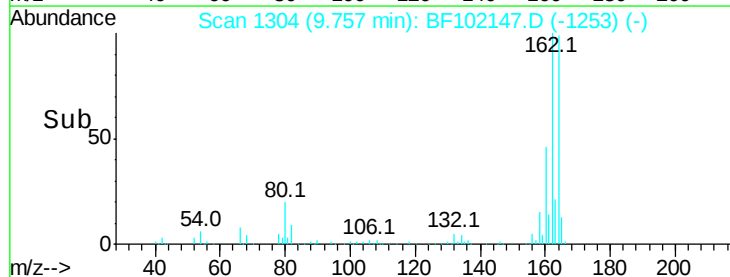
160 46.6 38.3 57.5

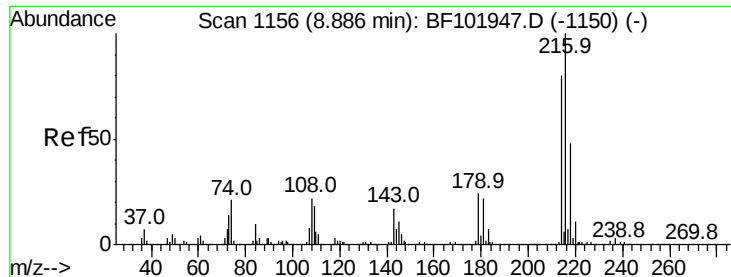


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.106 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 308572

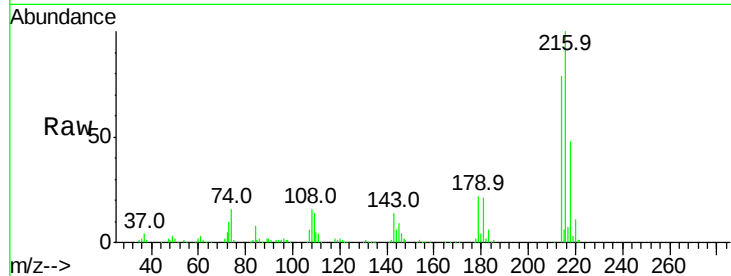
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 23.2 18.1 27.1

108 21.4 17.2 25.8

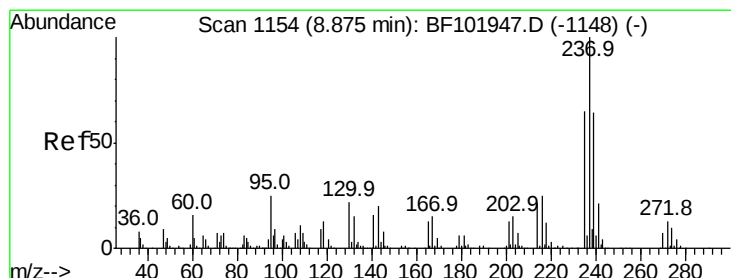
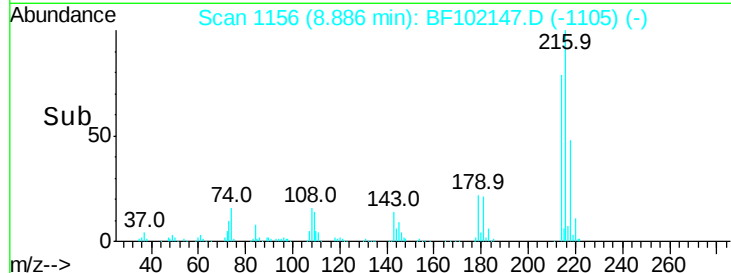
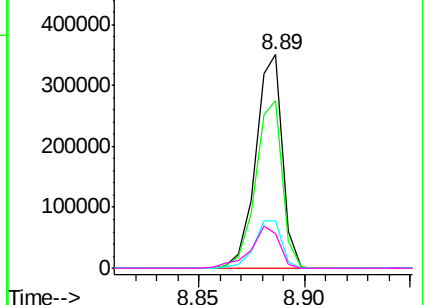


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.477 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

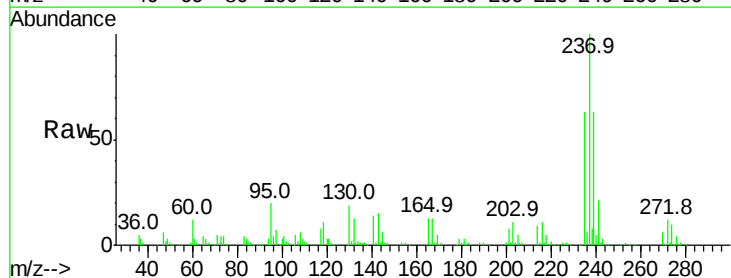
Tgt Ion:237 Resp: 178038

Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

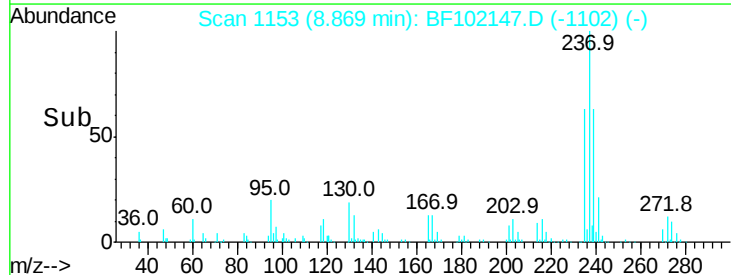
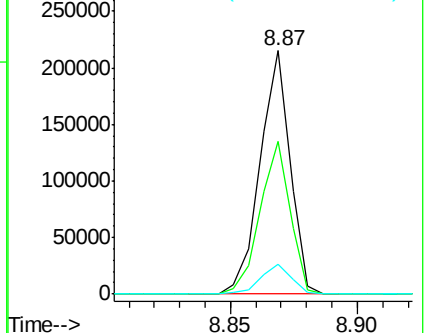
272 12.2 0.0 33.3

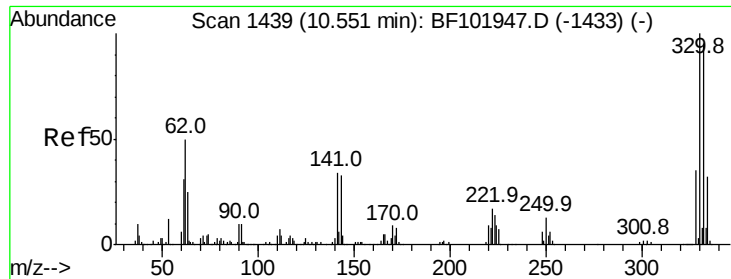


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

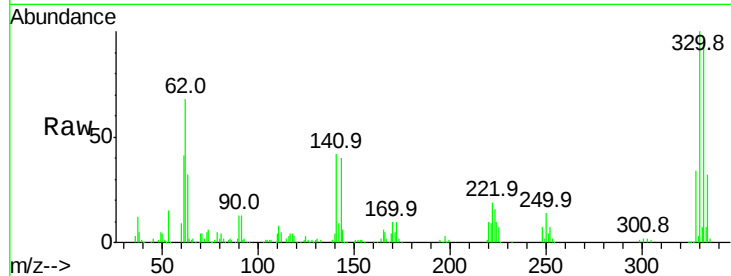




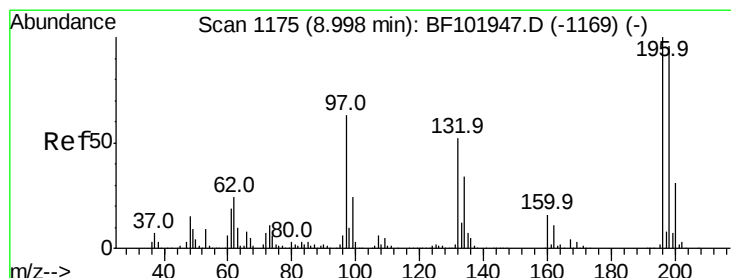
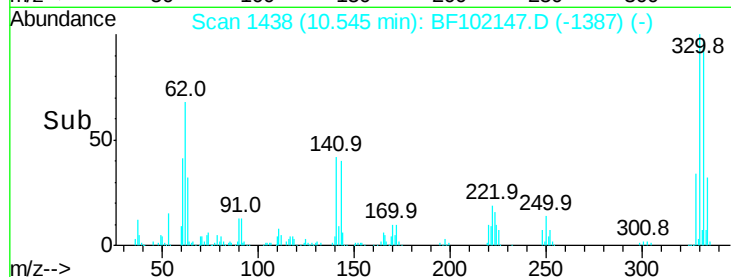
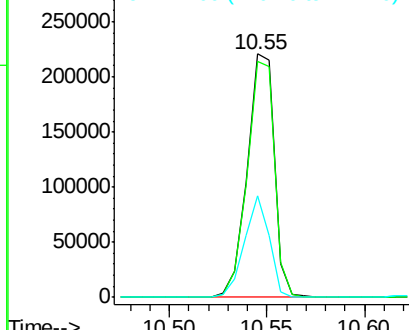
#41
 2,4,6-Tribromophenol
 Concen: 96.107 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 212223
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 38.4 29.9 44.9

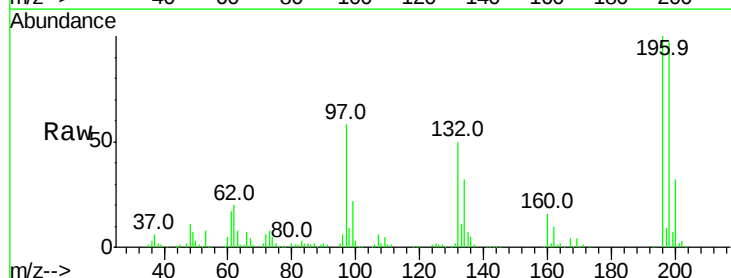


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

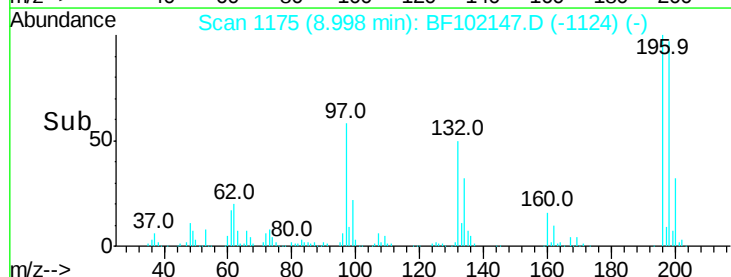
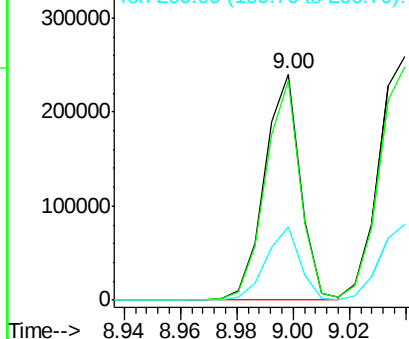


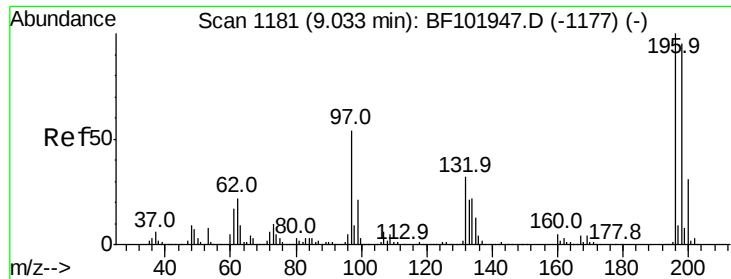
#42
 2,4,6-Trichlorophenol
 Concen: 42.646 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Tgt Ion:196 Resp: 210374
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 200 32.2 24.5 36.7



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

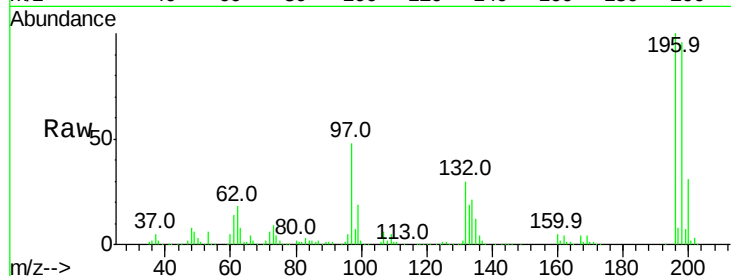




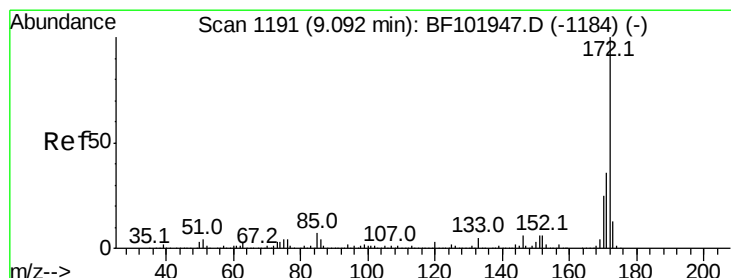
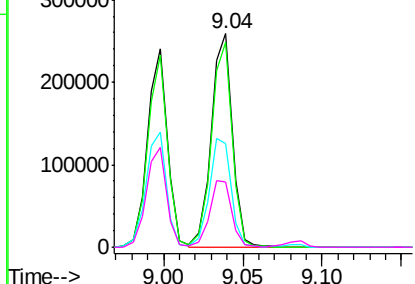
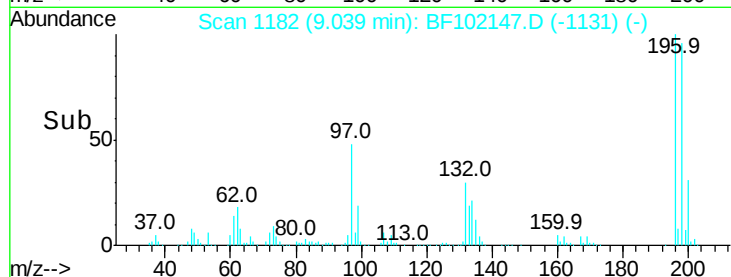
#43
 2,4,5-Trichlorophenol
 Concen: 43.097 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	240283
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	48.4	42.9	64.3
132	30.3	26.3	39.5

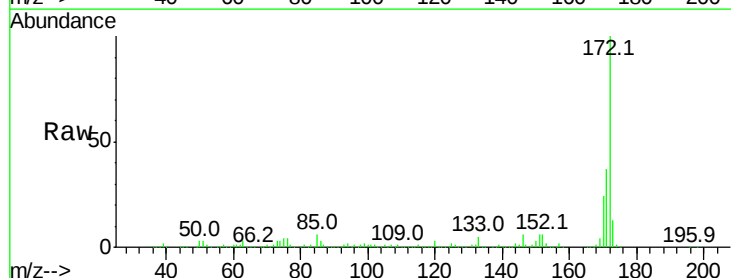


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

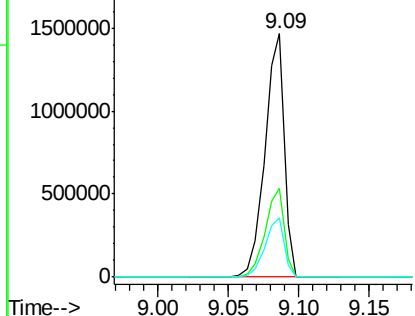
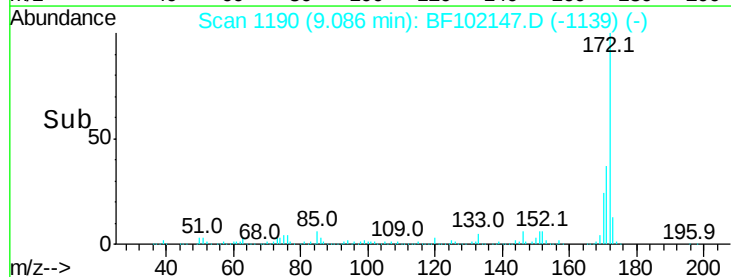


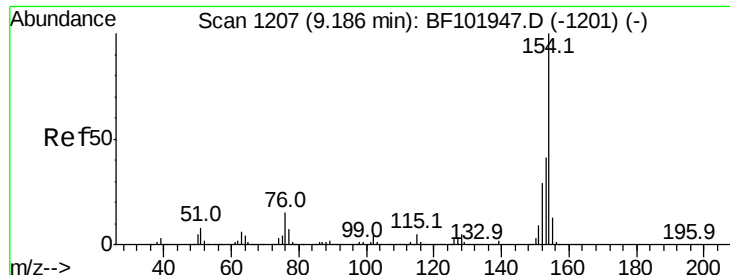
#44
 2-Fluorobiphenyl
 Concen: 87.395 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Tgt Ion:	172	Resp:	1415488
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

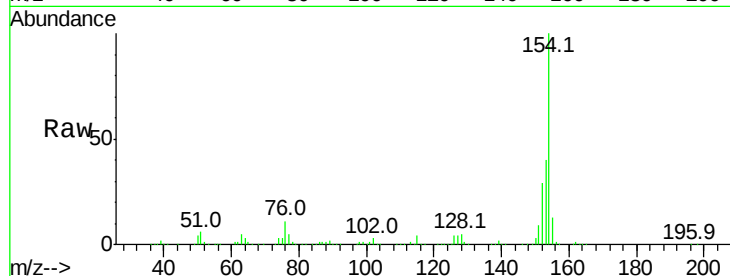




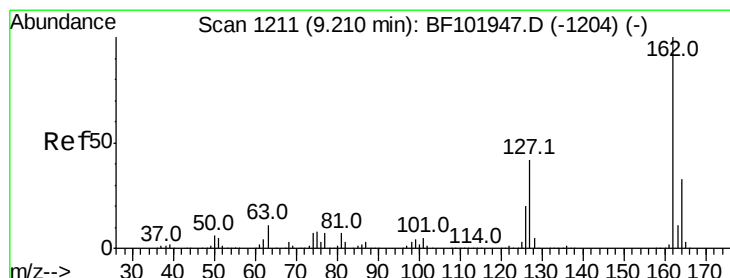
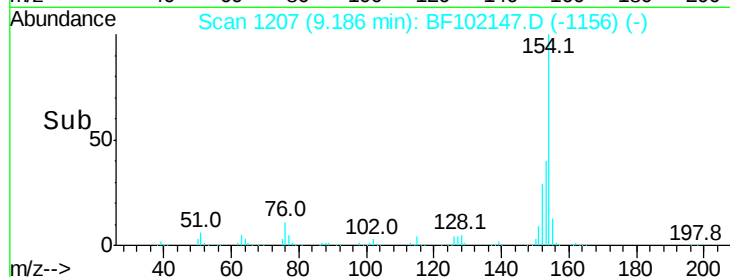
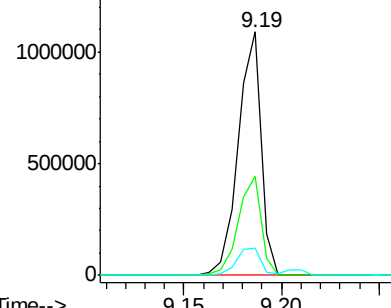
#45
 1,1'-Biphenyl
 Concen: 39.640 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	11.4	0.0	34.0

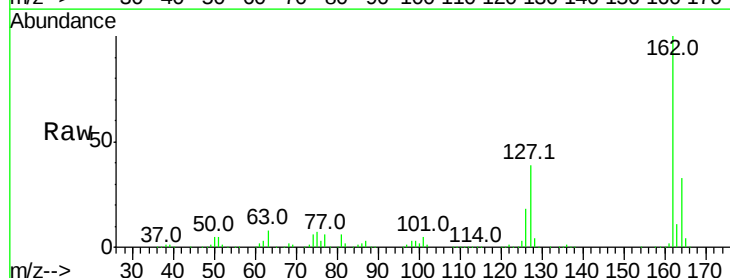


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

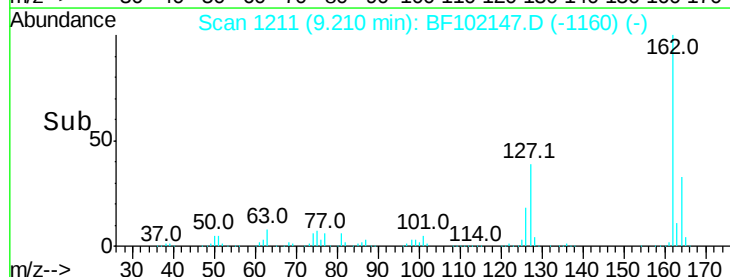
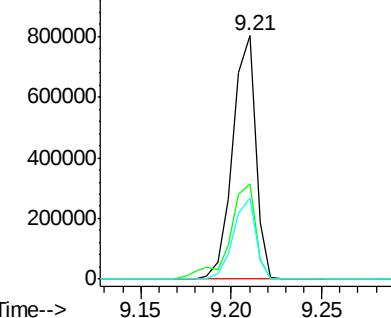


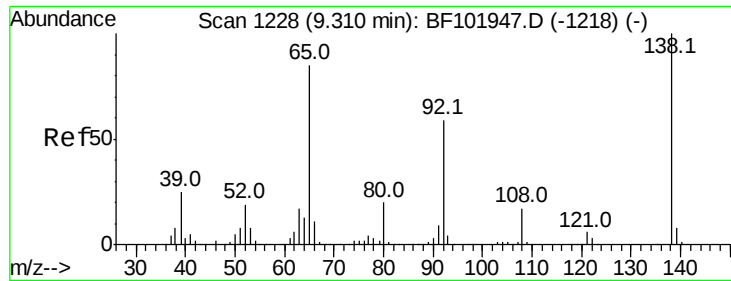
#46
 2-Chloronaphthalene
 Concen: 40.841 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.9	50.9
164	33.3	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

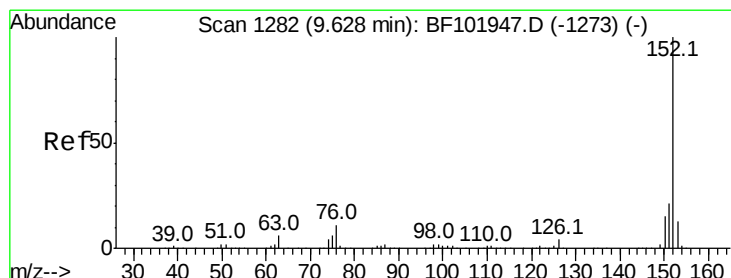
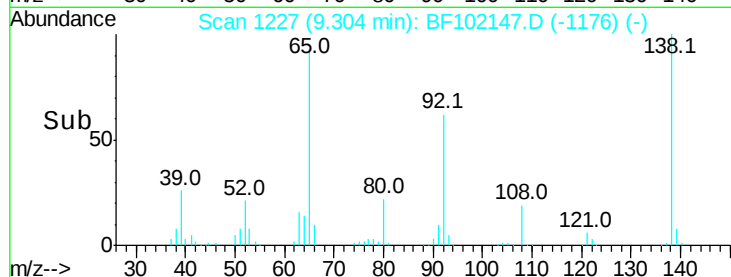
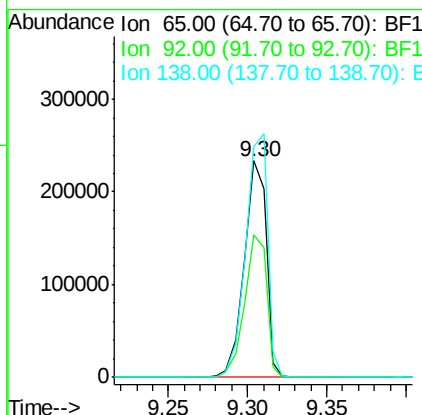
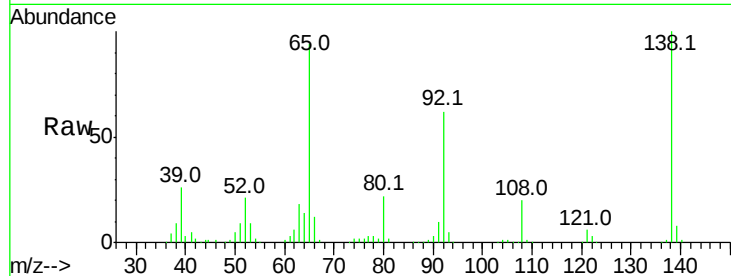




#47
2-Nitroaniline
Concen: 43.064 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

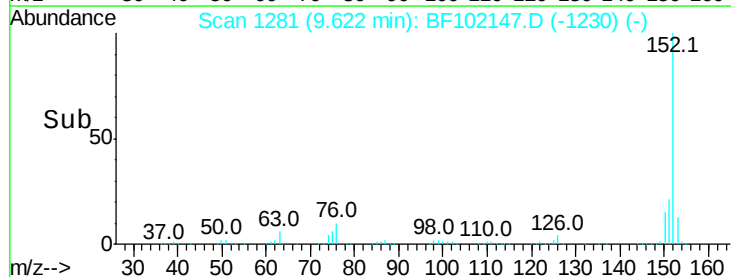
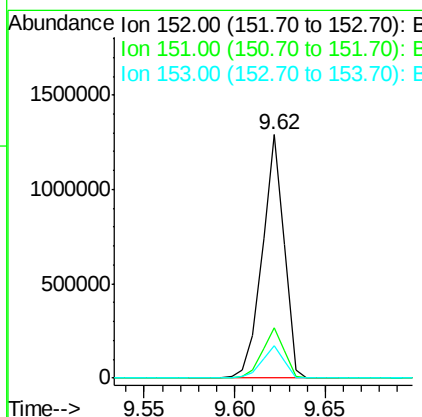
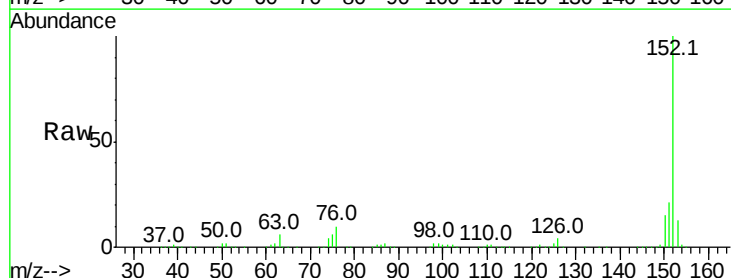
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

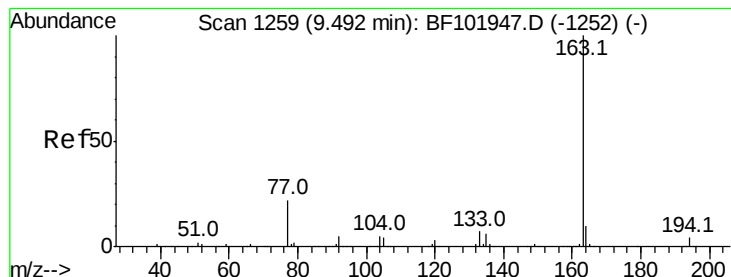
Tot Ion: 65 Resp: 223724
Ion Ratio Lower Upper
65 100
92 66.1 55.8 83.6
138 106.8 91.2 136.8



#48
Acenaphthylene
Concen: 39.302 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion: 152 Resp: 1081728
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 41.265 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

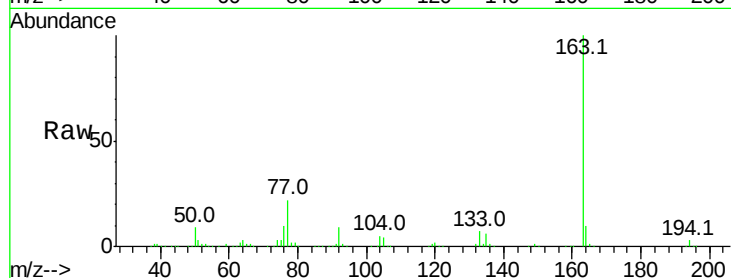
Tot Ion:163 Resp: 837610

Ion Ratio Lower Upper

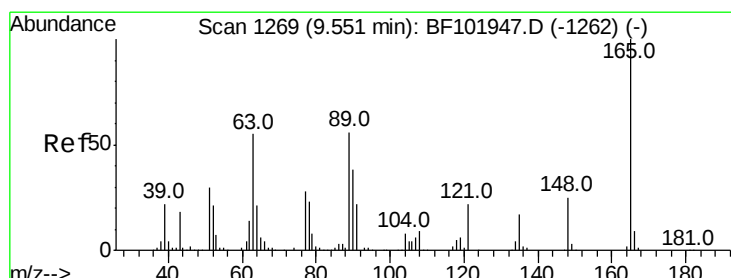
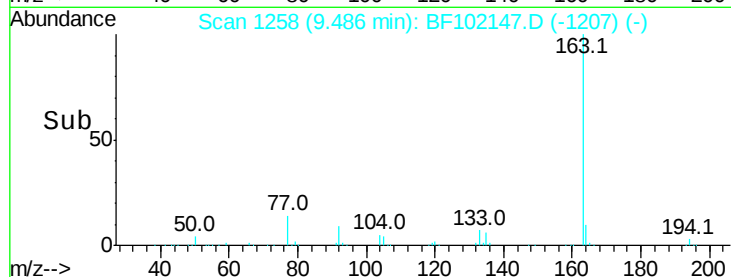
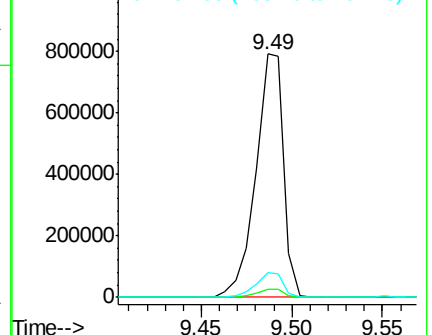
163 100

194 3.4 2.7 4.1

164 10.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 45.169 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

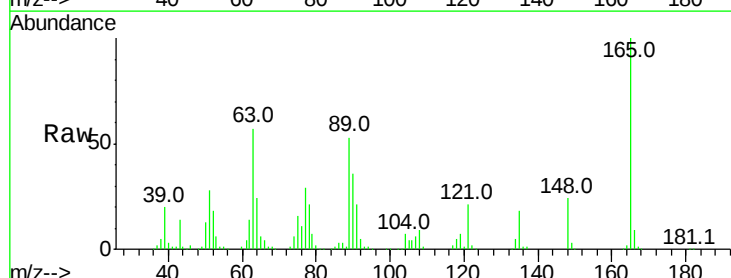
Tgt Ion:165 Resp: 183145

Ion Ratio Lower Upper

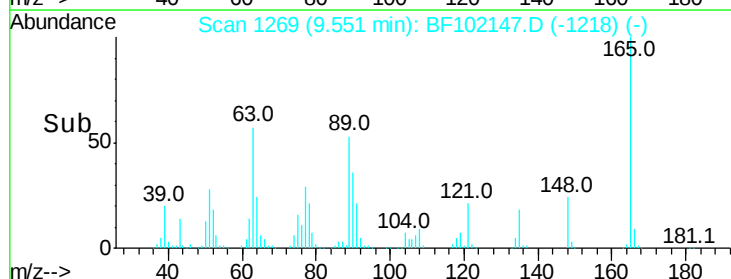
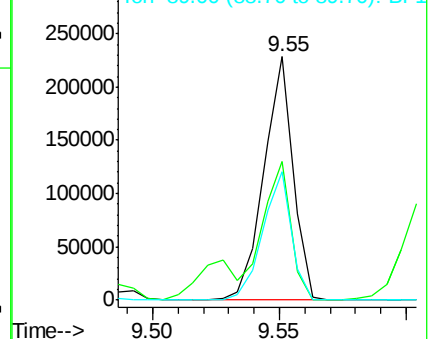
165 100

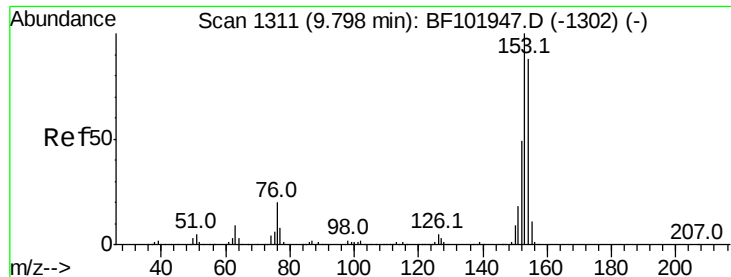
63 56.9 44.7 67.1

89 52.5 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: 38.276 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

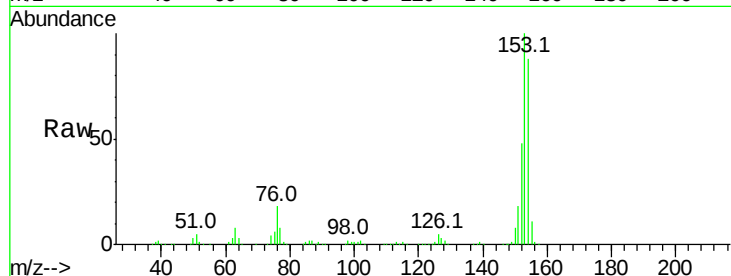
Tot Ion:154 Resp: 639437

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

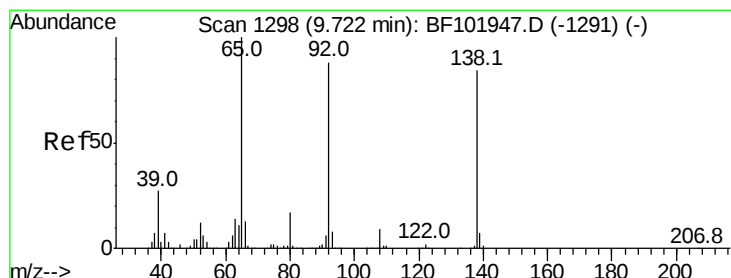
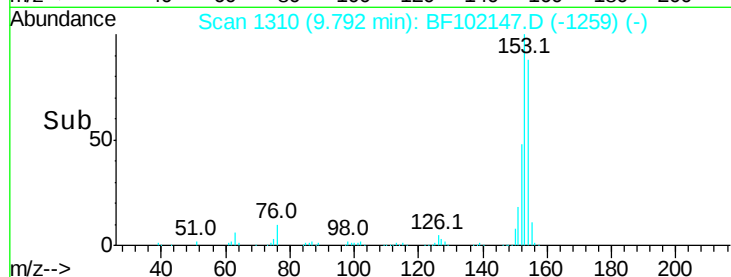
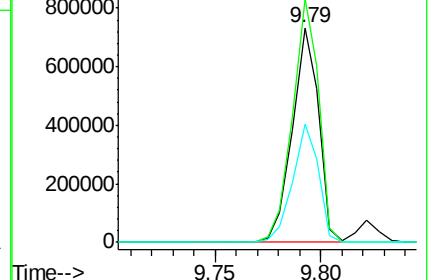
152 55.0 43.8 65.8



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: 42.879 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

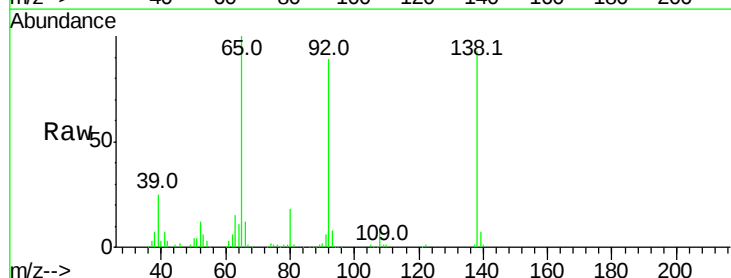
Tgt Ion:138 Resp: 219420

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

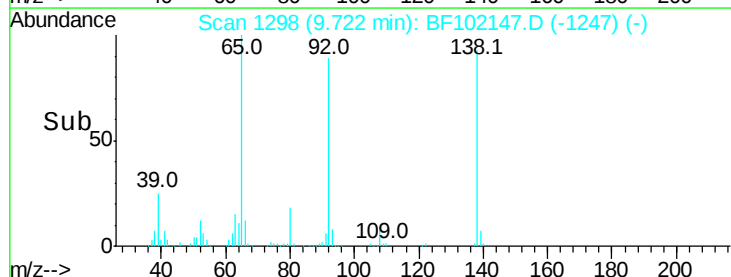
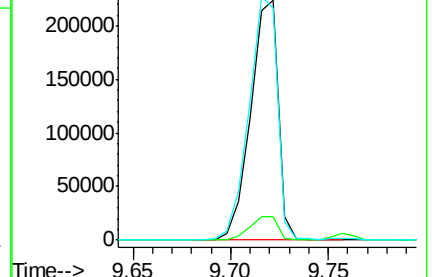
92 96.6 89.4 134.2

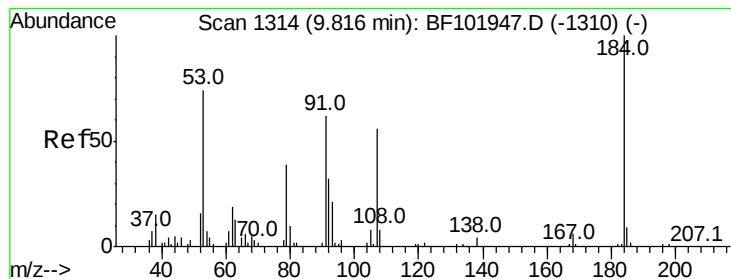


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 58.946 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

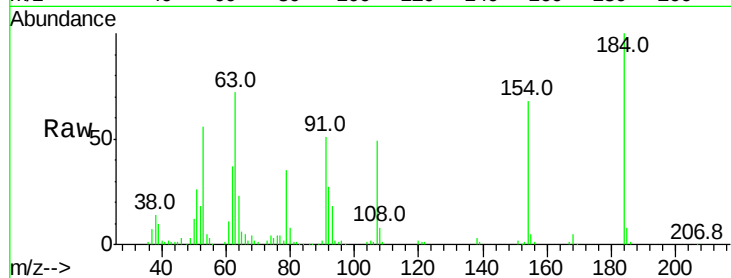
Tot Ion:184 Resp: 87379

Ion Ratio Lower Upper

184 100

63 72.3 54.2 81.2

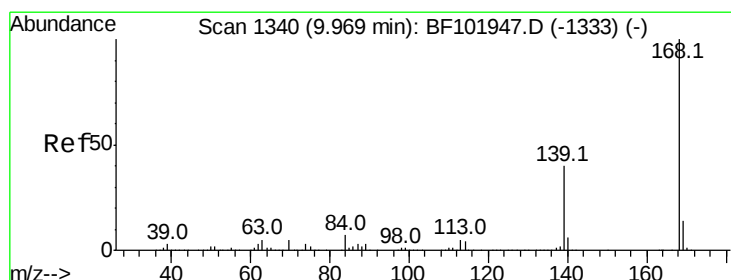
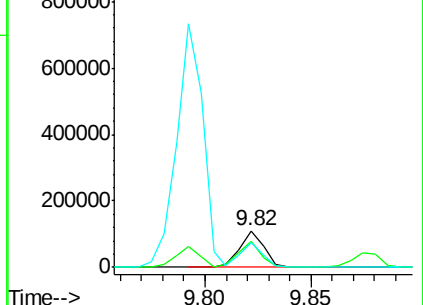
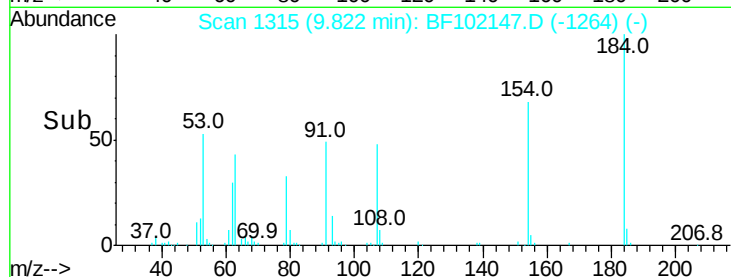
154 68.4 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.054 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

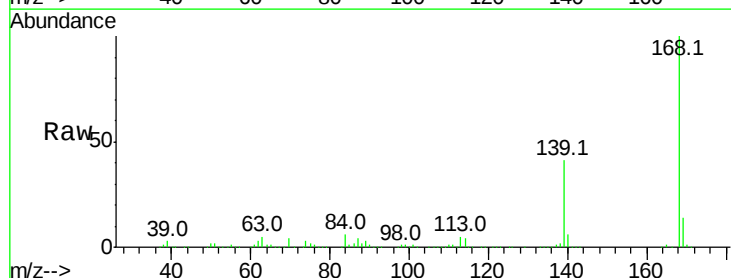
Tgt Ion:168 Resp: 918341

Ion Ratio Lower Upper

168 100

139 41.0 30.1 45.1

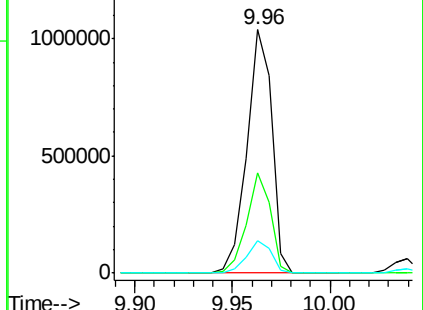
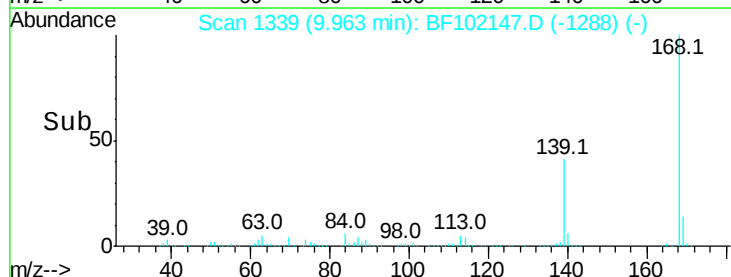
169 13.5 10.9 16.3

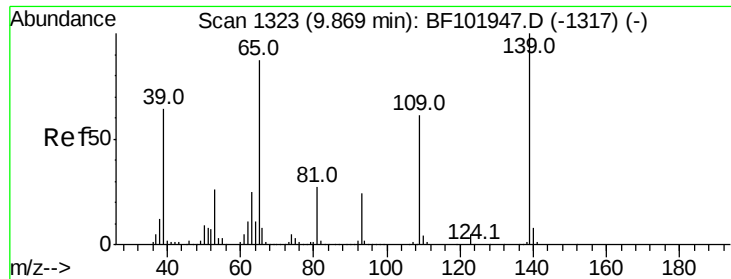


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

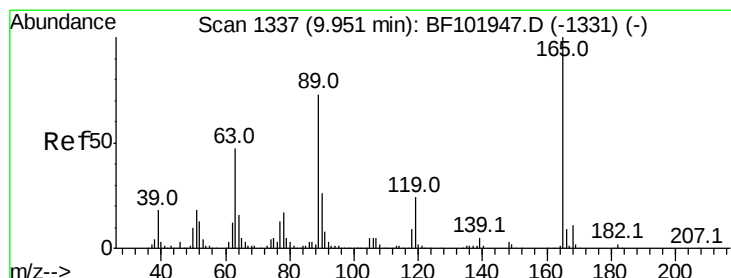
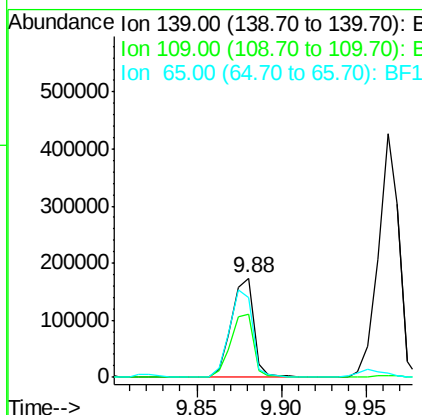
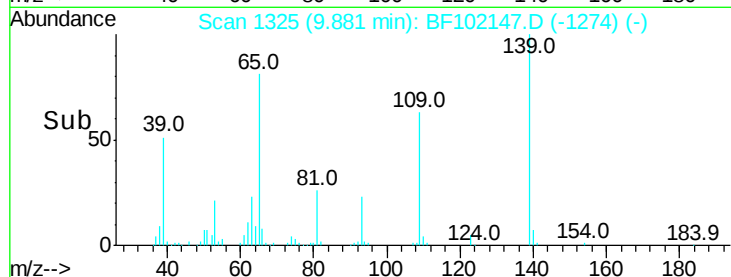
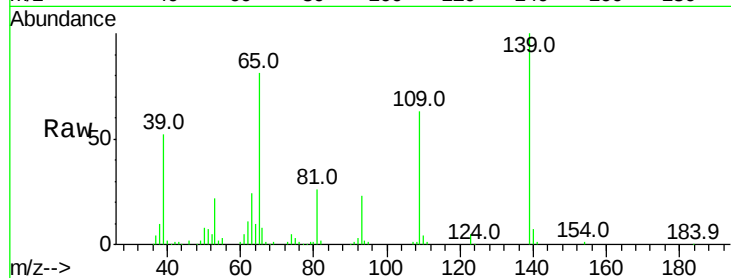




#55
4-Nitrophenol
Concen: 42.238 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

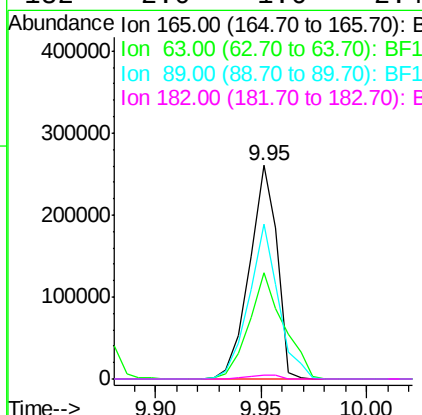
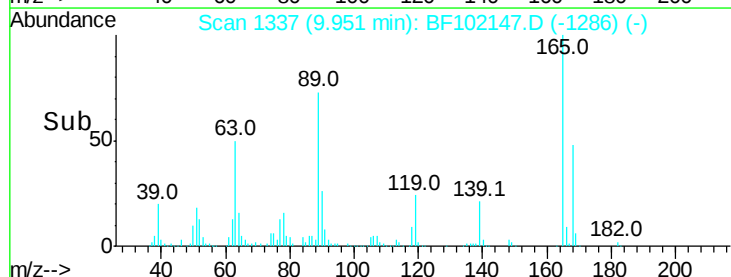
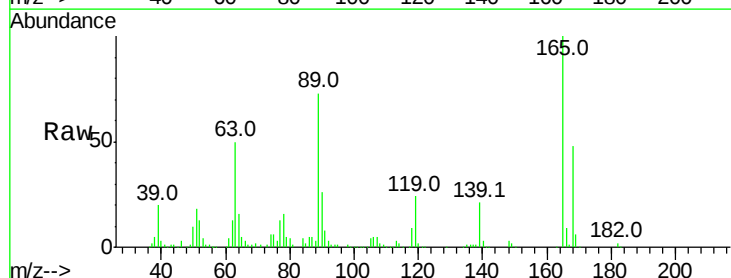
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

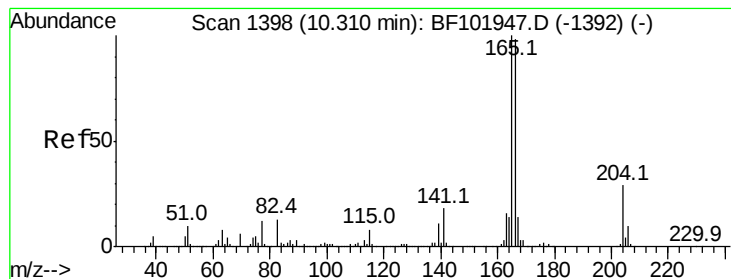
Tot Ion:139 Resp: 161075
Ion Ratio Lower Upper
139 100
109 63.1 48.4 88.4
65 80.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.518 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion:165 Resp: 236407
Ion Ratio Lower Upper
165 100
63 50.0 36.4 54.6
89 72.6 57.8 86.6
182 2.0 1.6 2.4





#57

Fluorene

Concen: 44.877 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

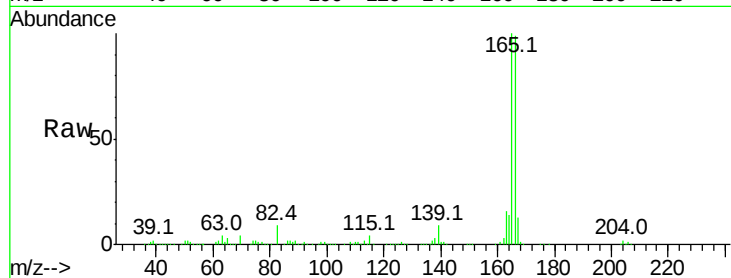
Tot Ion:166 Resp: 711286

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

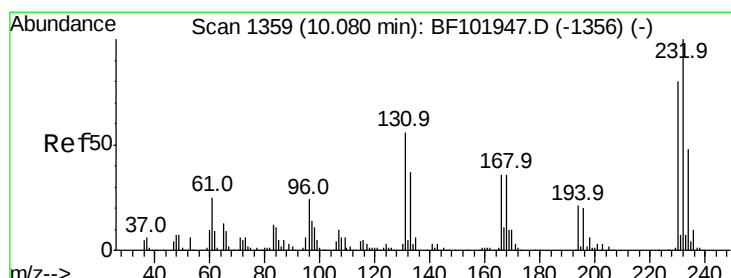
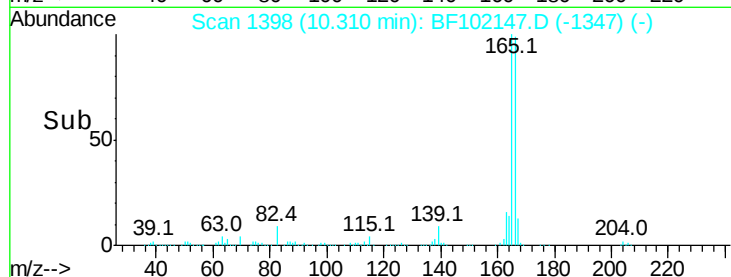
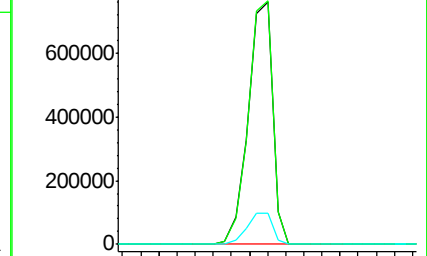
167 13.1 10.6 16.0



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: 43.202 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Tgt Ion:232 Resp: 171483

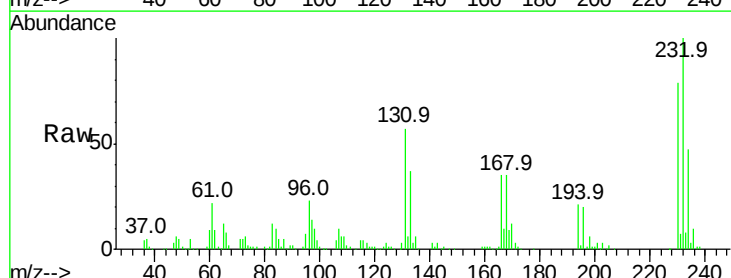
Ion Ratio Lower Upper

232 100

131 54.6 43.8 65.8

130 2.6 2.1 3.1

166 34.3 27.8 41.6

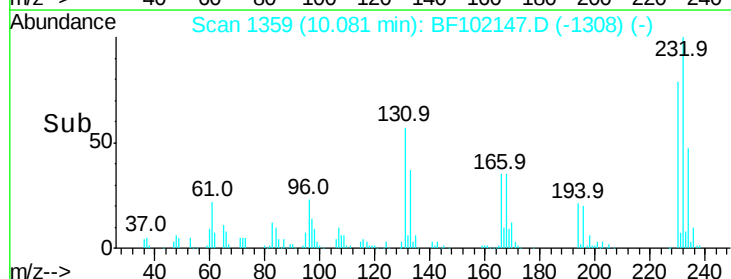
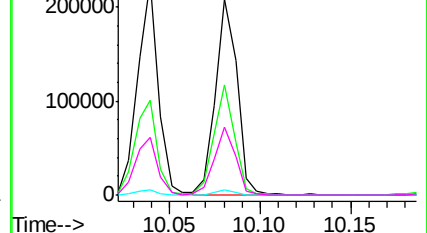


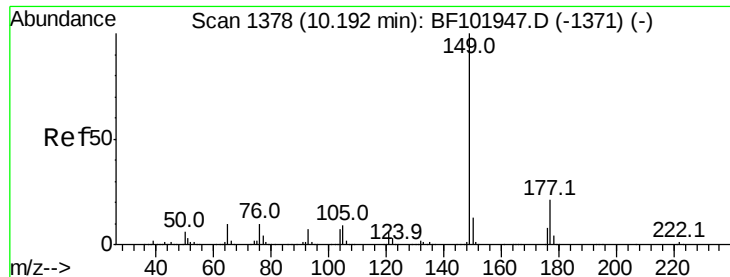
Abundance Ion 232.00 (231.70 to 232.70): E

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

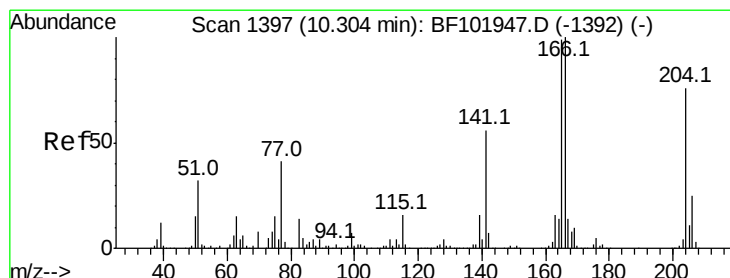
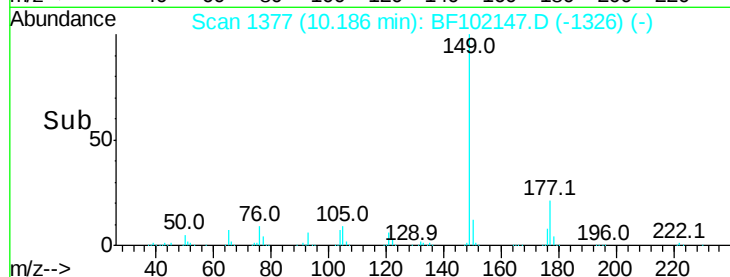
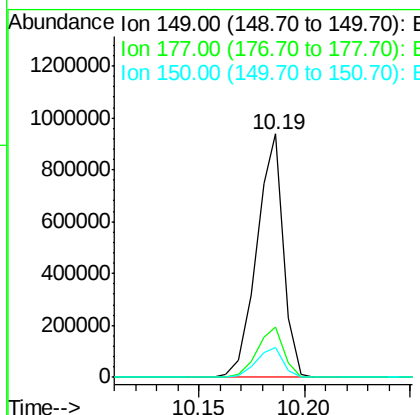
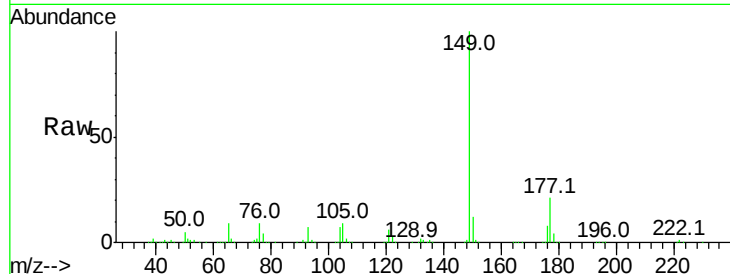




#59
Diethylphthalate
Concen: 40.634 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

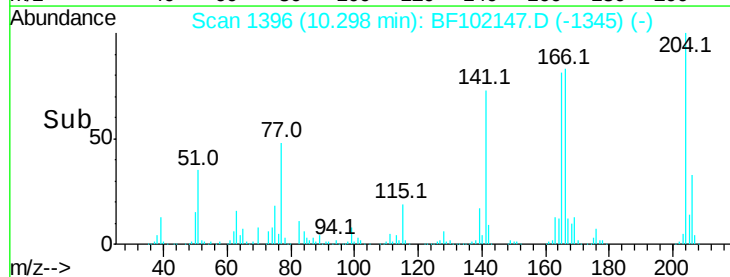
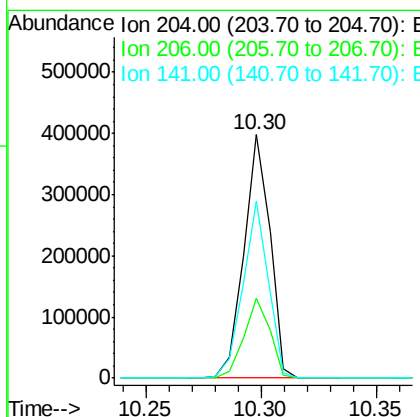
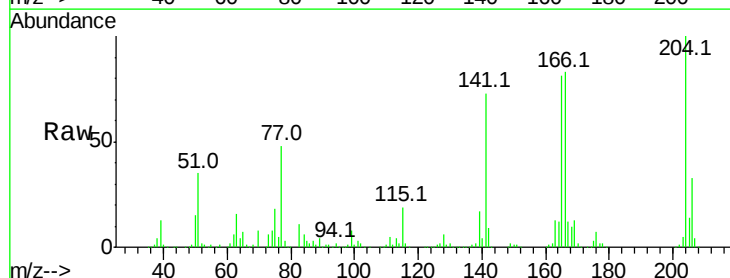
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

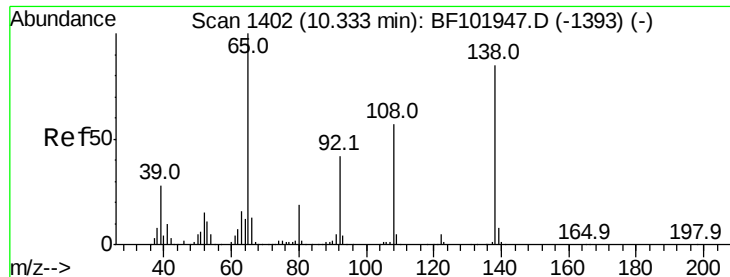
Tot Ion:149 Resp: 820462
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.433 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion:204 Resp: 313376
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 72.9 54.6 81.8

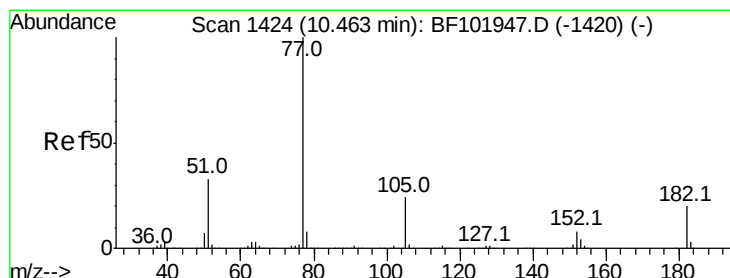
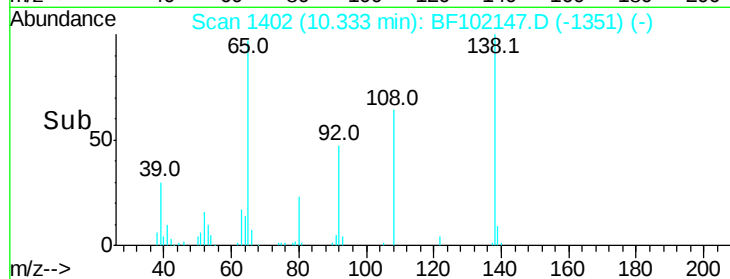
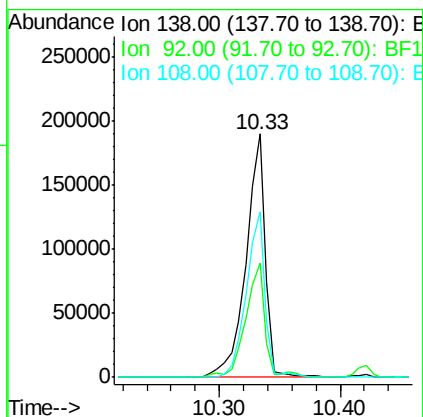
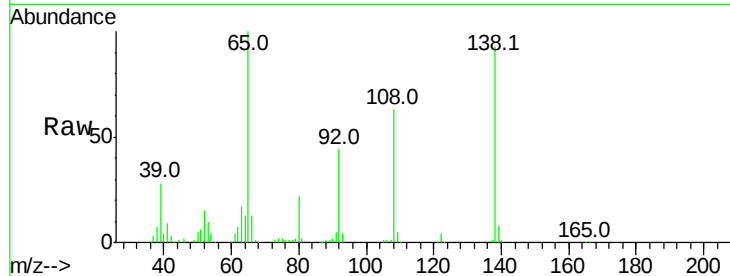




#61
4-Nitroaniline
Concen: 43.762 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

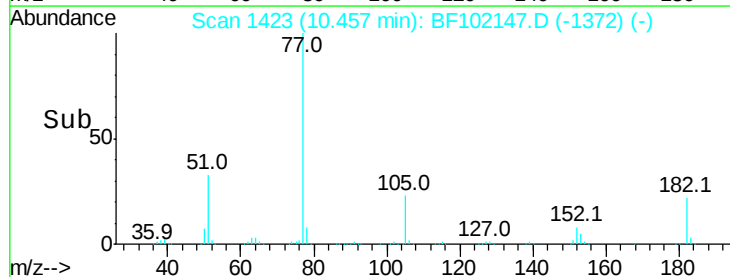
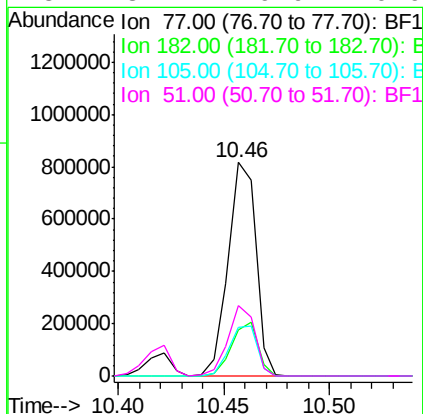
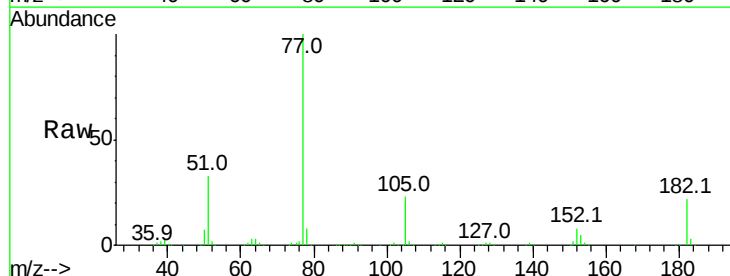
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

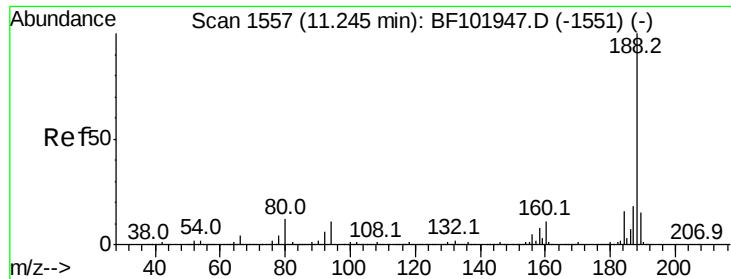
Tot Ion:138 Resp: 212528
Ion Ratio Lower Upper
138 100
92 47.0 30.2 70.2
108 68.0 52.5 92.5



#62
Azobenzene
Concen: 36.995 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion: 77 Resp: 743188
Ion Ratio Lower Upper
77 100
182 21.9 1.7 41.7
105 22.7 3.0 43.0
51 32.7 9.9 49.9

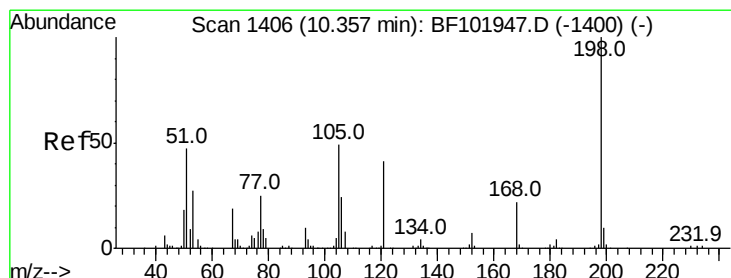
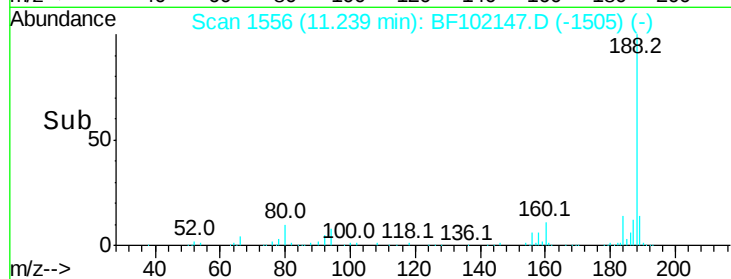
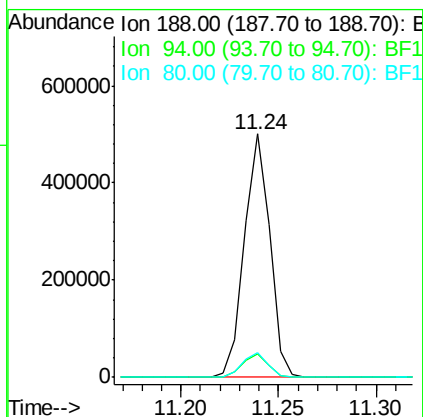
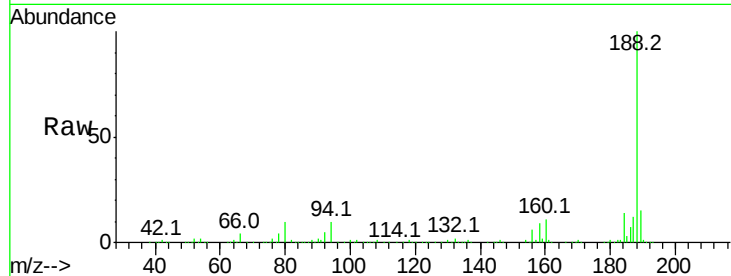




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

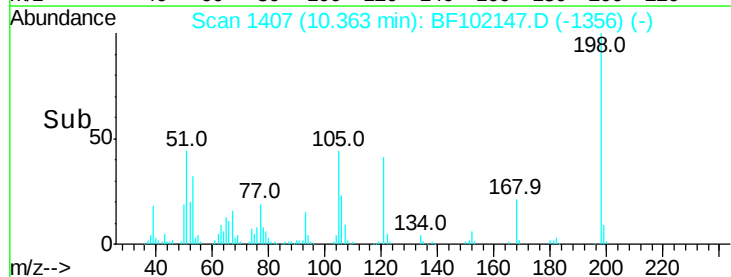
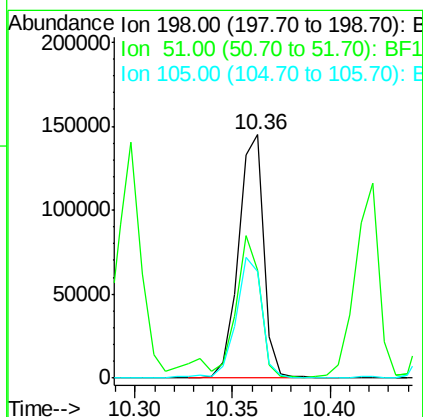
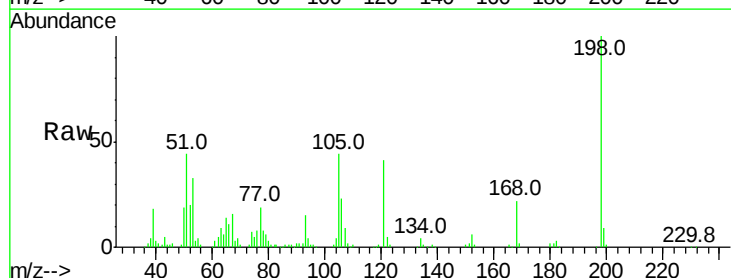
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

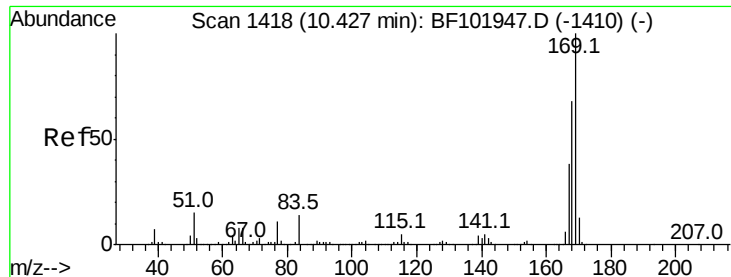
Tot Ion:188 Resp: 453570
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 52.233 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion:198 Resp: 130065
Ion Ratio Lower Upper
198 100
51 44.1 37.7 77.7
105 44.0 36.3 76.3

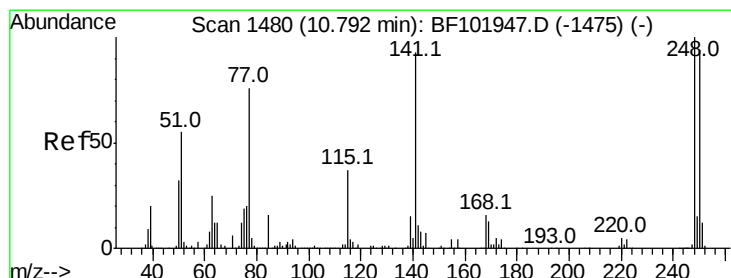
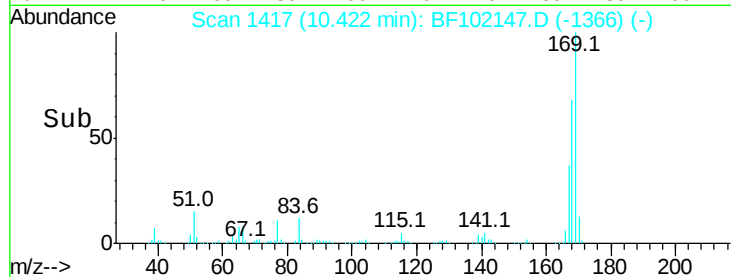
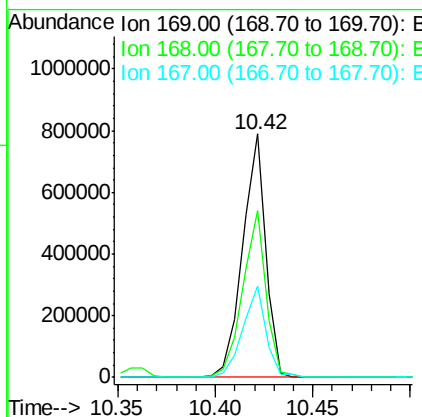
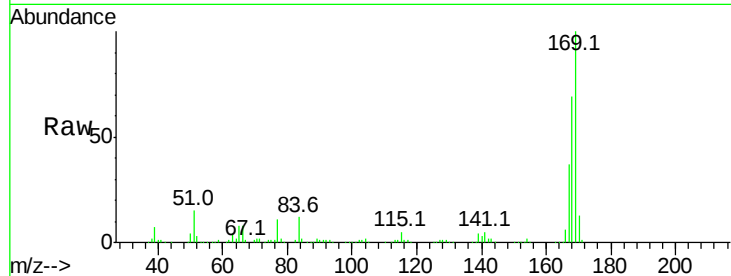




#65
 n-Nitrosodiphenylamine
 Concen: 38.104 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

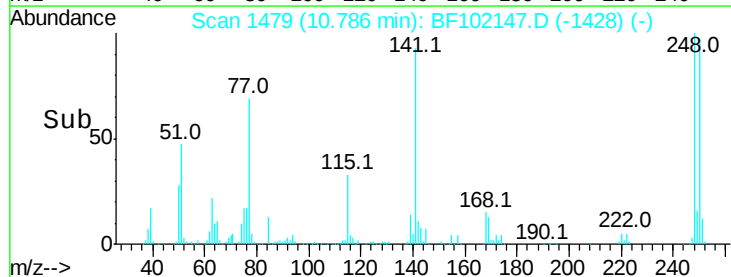
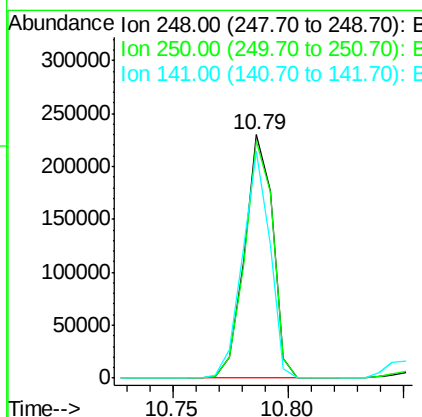
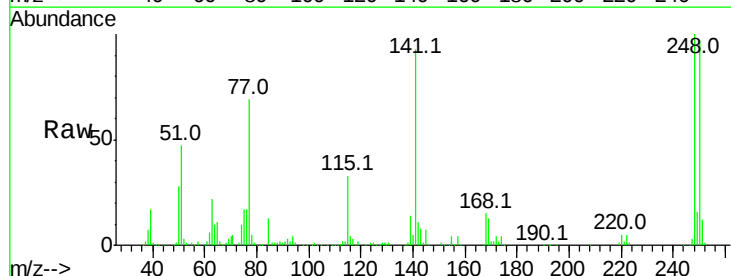
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

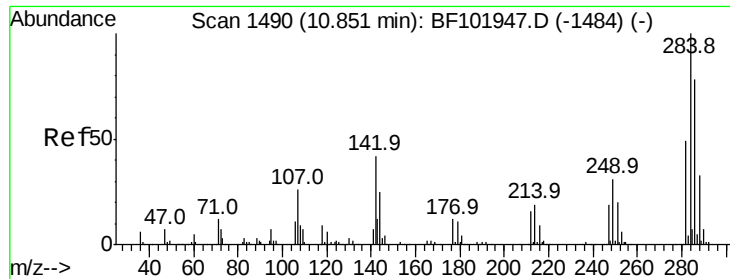
Tot Ion:169 Resp: 647180
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 37.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.109 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Tgt Ion:248 Resp: 196909
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.9 115.3
 141 93.0 74.4 111.6

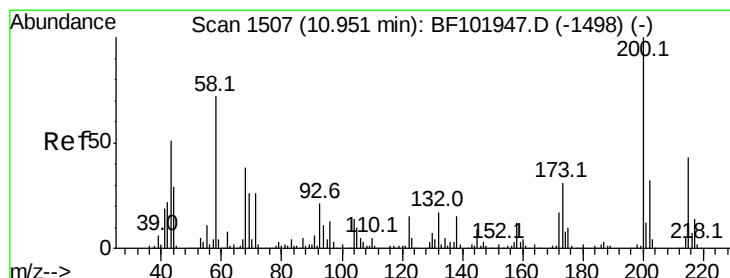
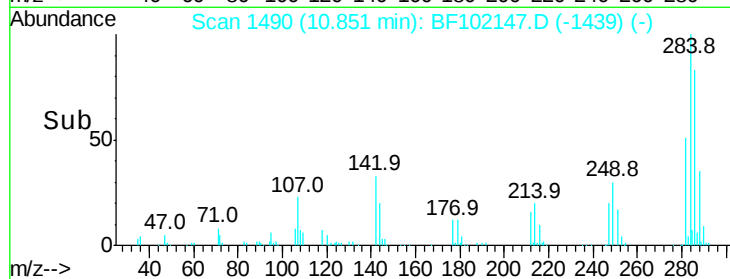
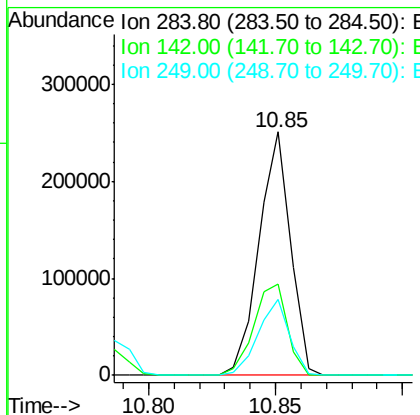
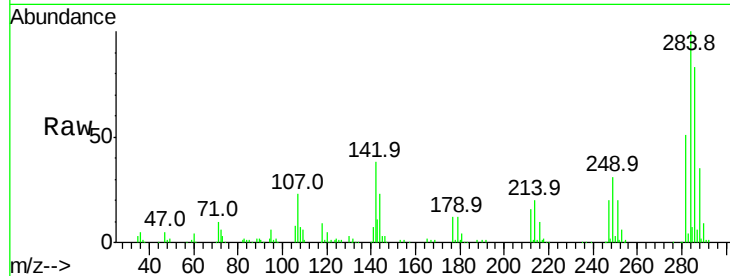




#67
Hexachlorobenzene
Concen: 41.375 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

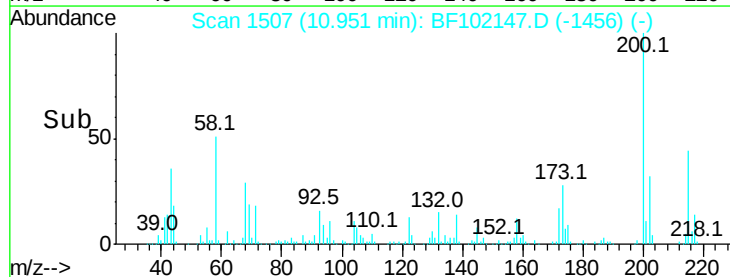
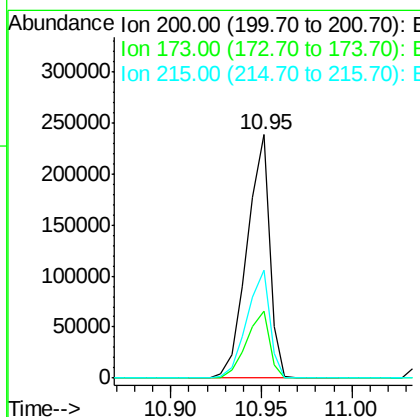
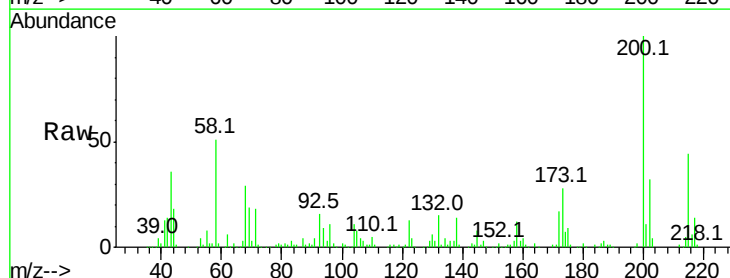
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

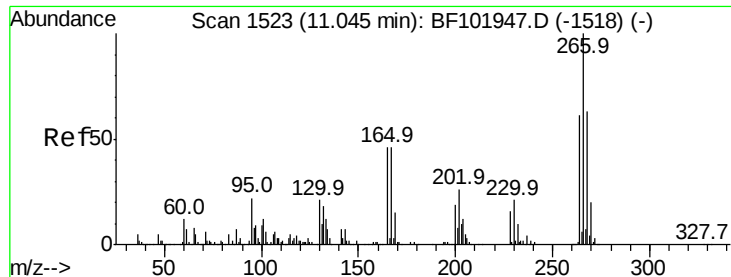
Tot Ion:284 Resp: 216352
Ion Ratio Lower Upper
284 100
142 37.7 34.6 52.0
249 31.3 24.8 37.2



#68
Atrazine
Concen: 42.065 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion:200 Resp: 206473
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 44.4 25.1 65.1

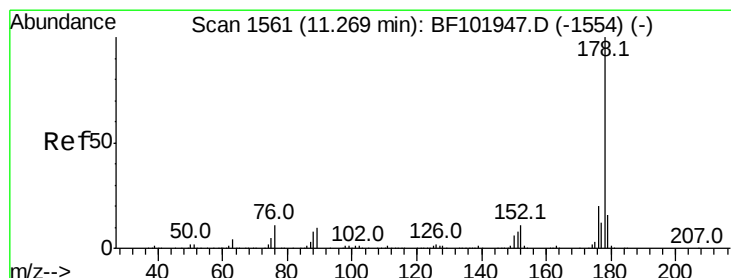
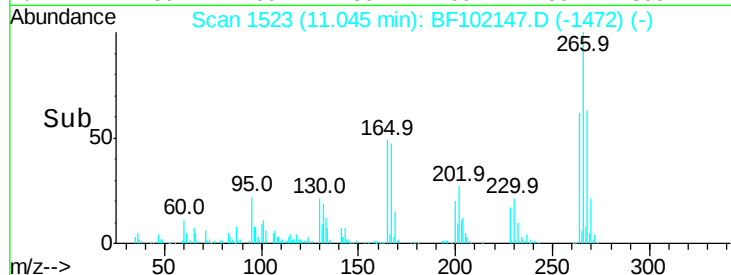
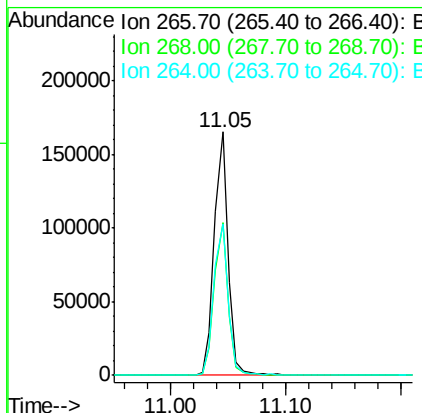
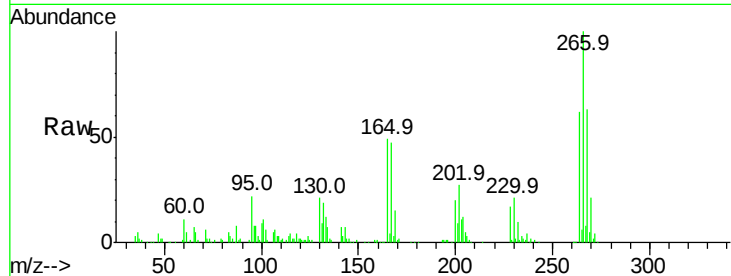




#69
 Pentachlorophenol
 Concen: 43.436 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

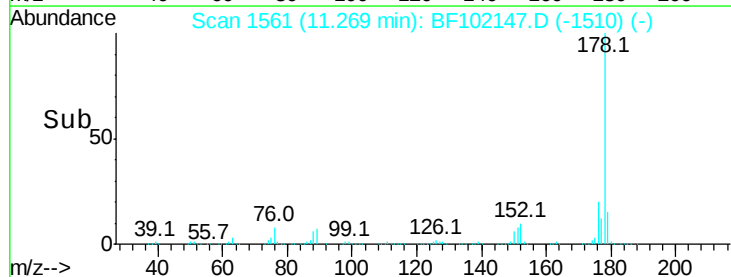
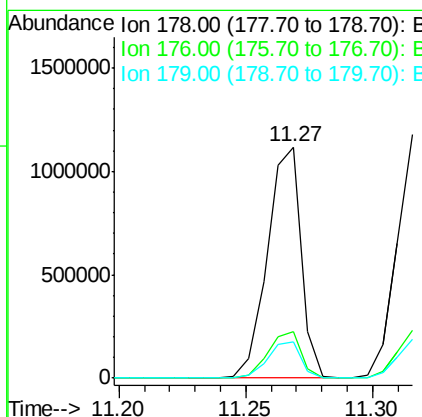
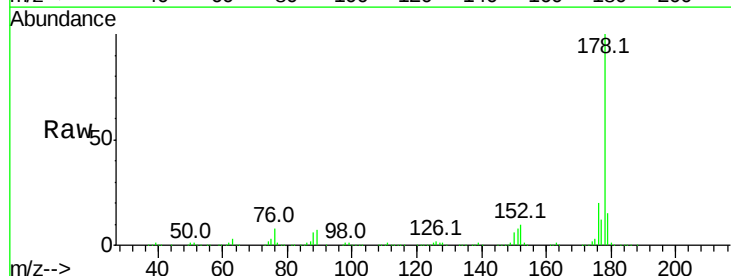
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

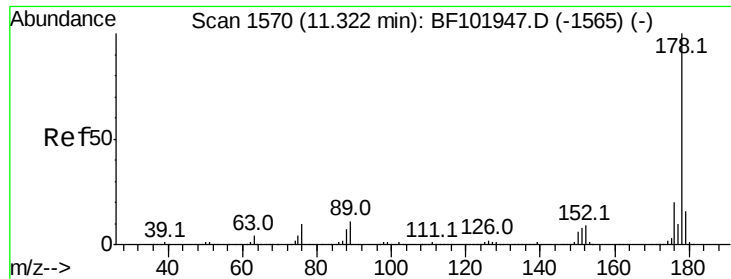
Tot Ion:266 Resp: 138501
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 62.3 49.5 74.3



#70
 Phenanthrene
 Concen: 39.305 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Tgt Ion:178 Resp: 1041378
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.5 13.0 19.6

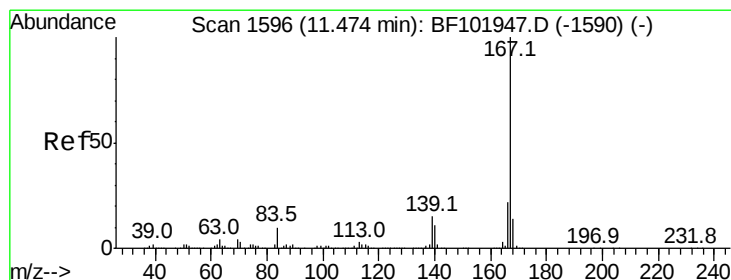
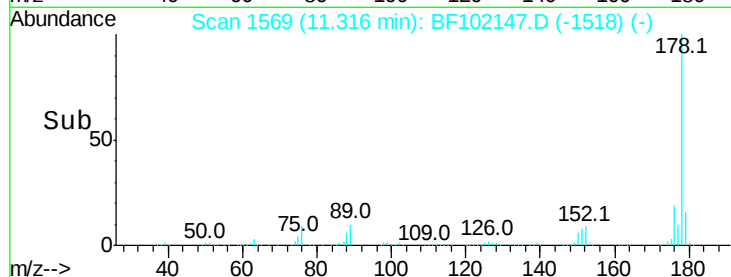
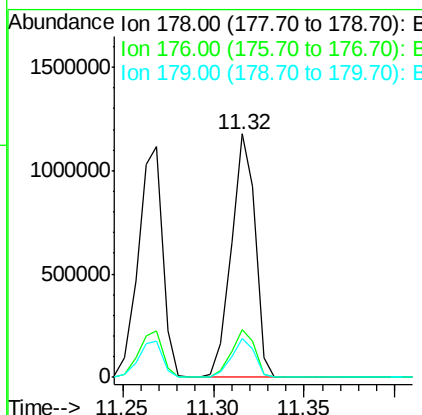
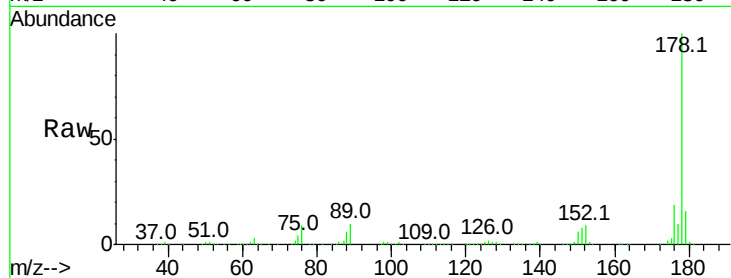




#71
 Anthracene
 Concen: 39.833 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

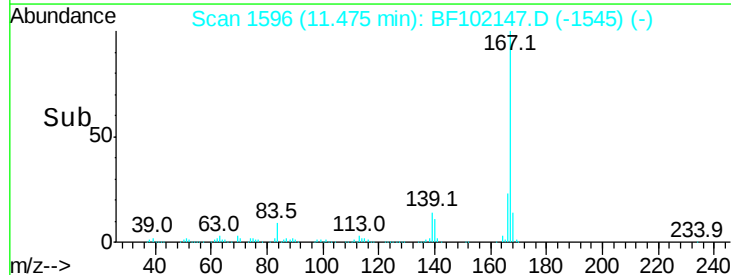
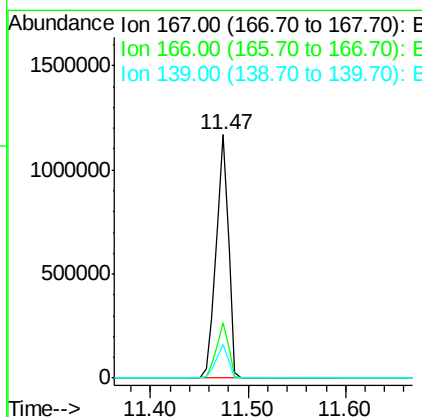
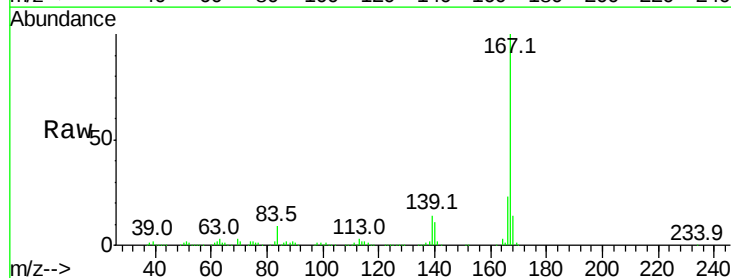
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

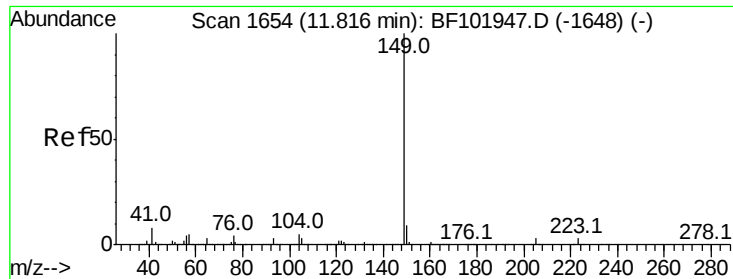
Tot Ion:178 Resp: 1070329
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 39.094 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Tgt Ion:167 Resp: 1032518
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.162 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

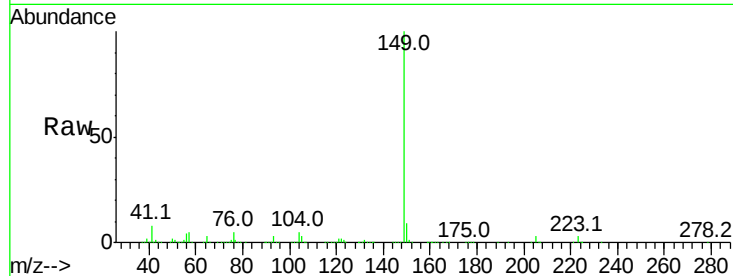
Tot Ion:149 Resp: 1301357

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

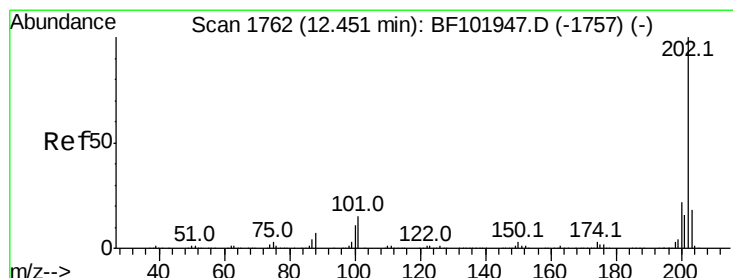
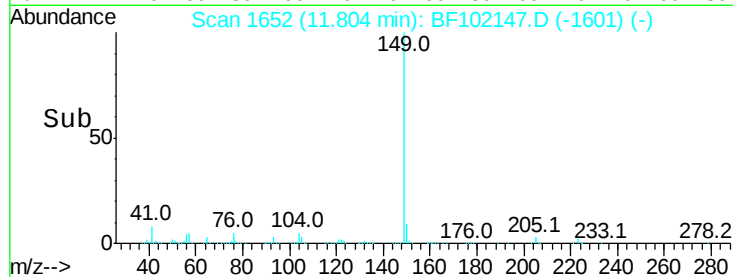
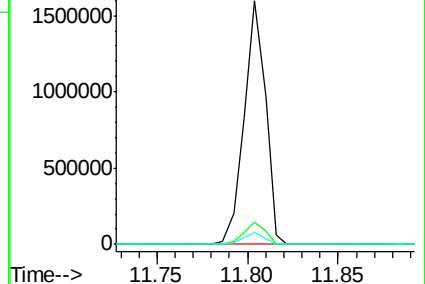
104 4.9 3.8 5.8



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: 40.497 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

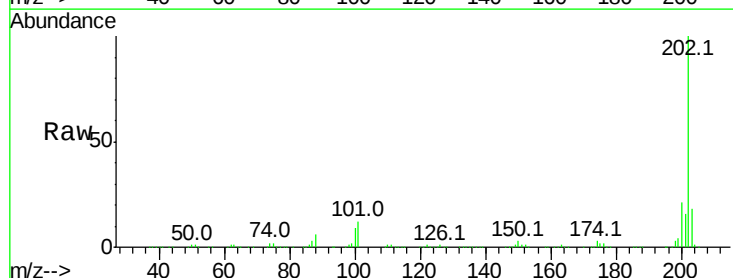
Tgt Ion:202 Resp: 1055645

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

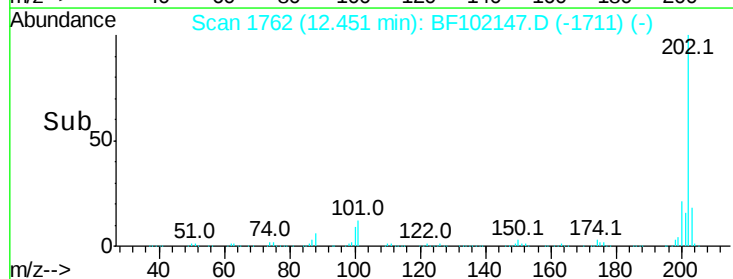
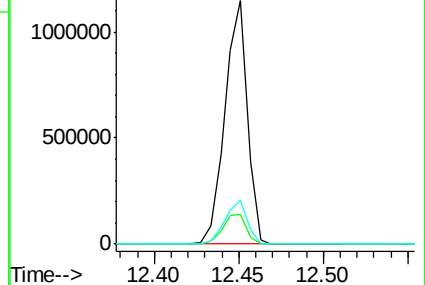
203 17.9 0.0 38.1

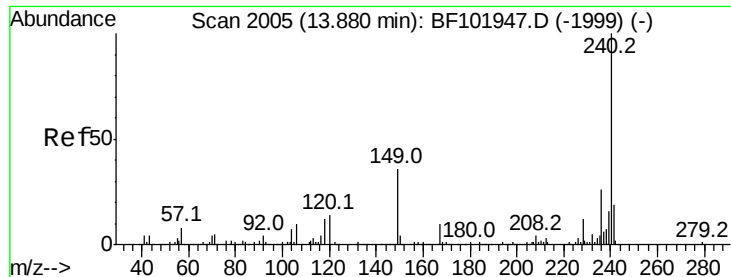


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

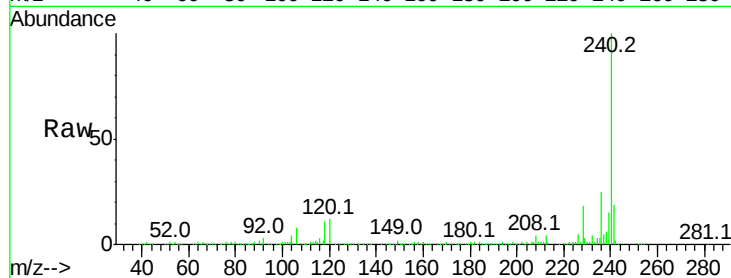
Tot Ion:240 Resp: 347164

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

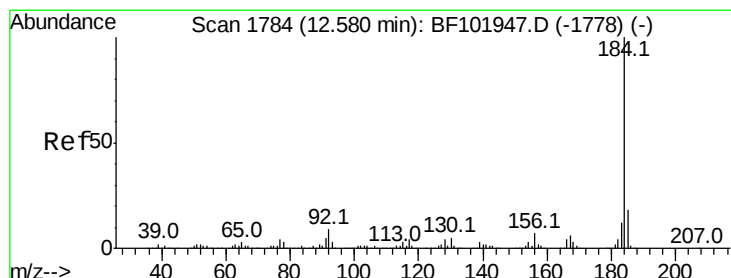
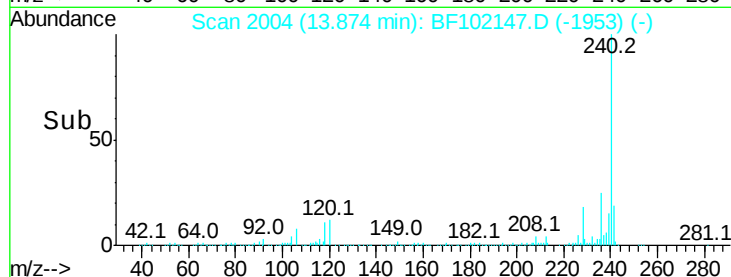
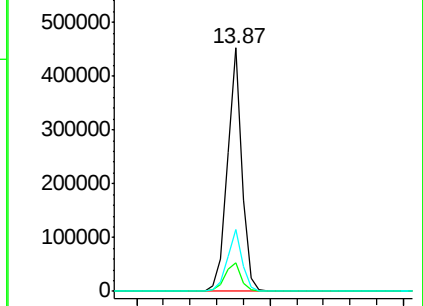
236 25.3 20.7 31.1



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: 30.288 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

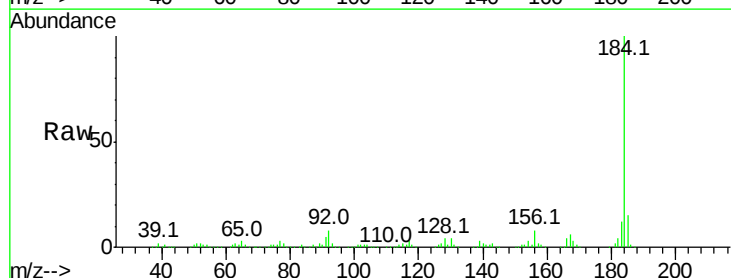
Tgt Ion:184 Resp: 507760

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

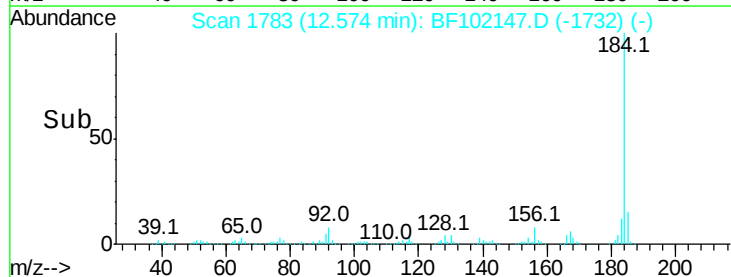
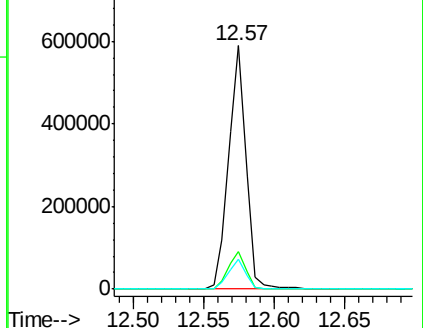
183 12.1 9.3 13.9

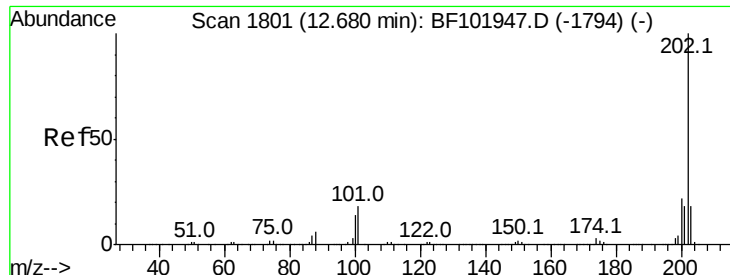


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.401 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

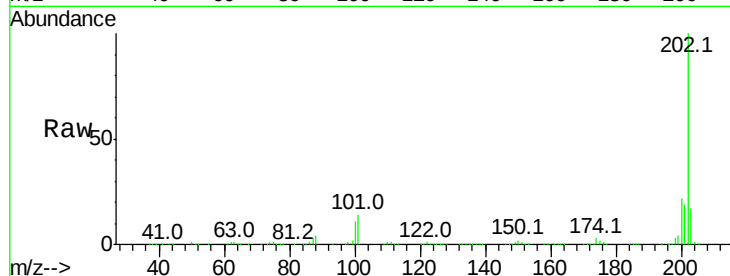
Tot Ion:202 Resp: 1086342

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

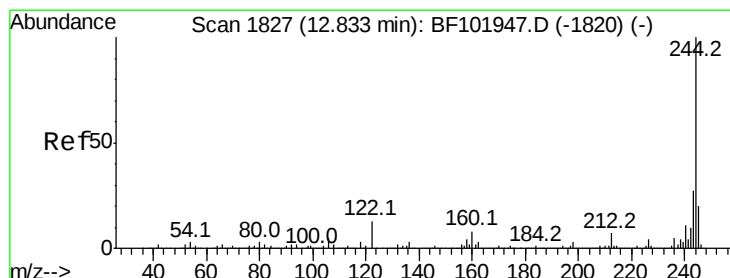
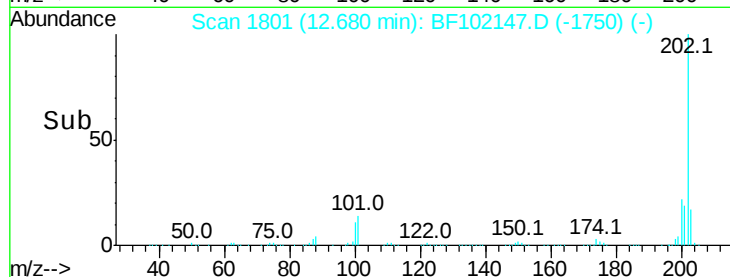
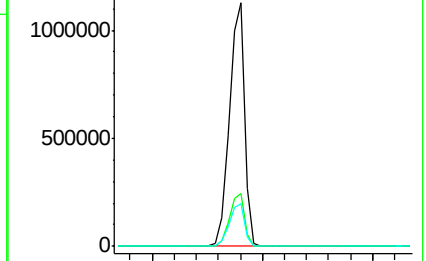
203 17.5 14.3 21.5



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: 74.206 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

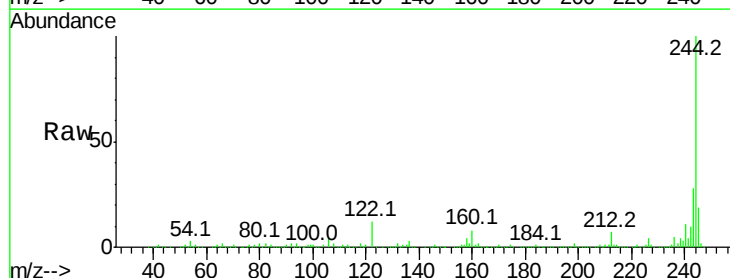
Tgt Ion:244 Resp: 1240778

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

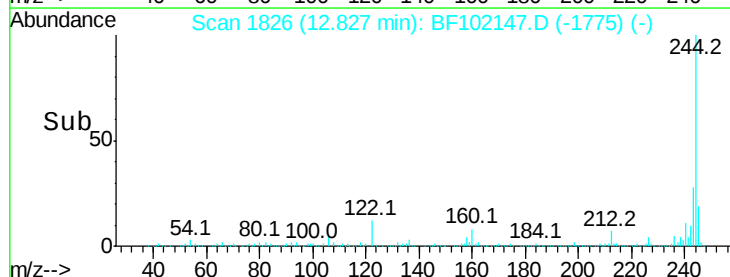
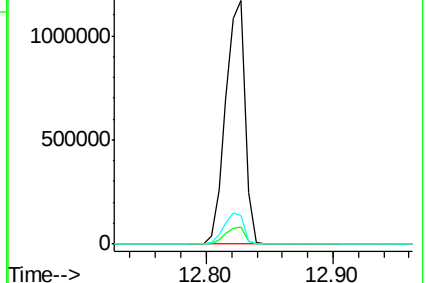
122 11.8 11.0 16.4

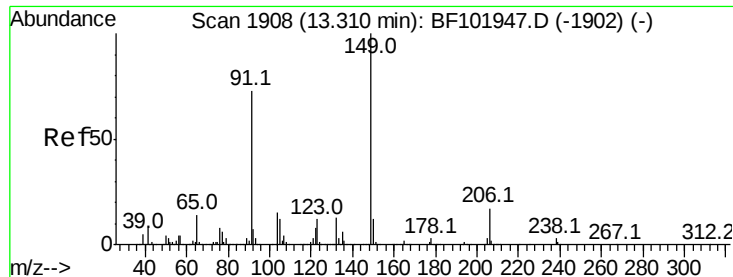


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

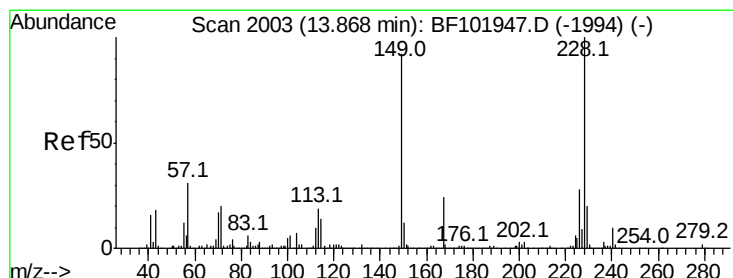
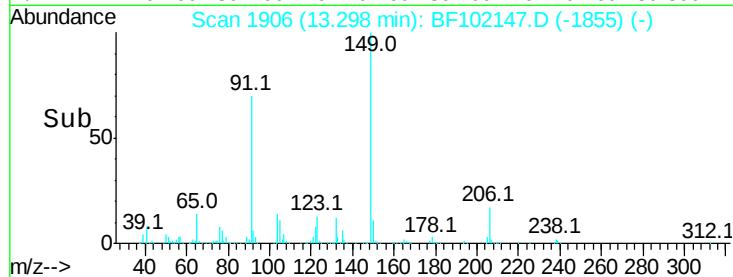
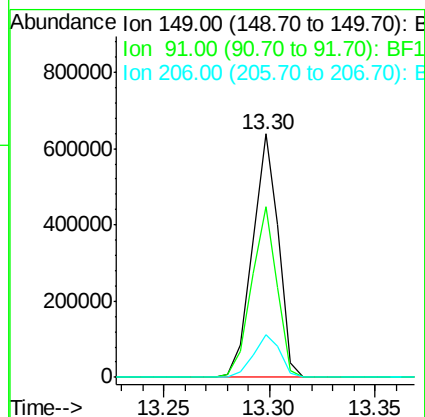
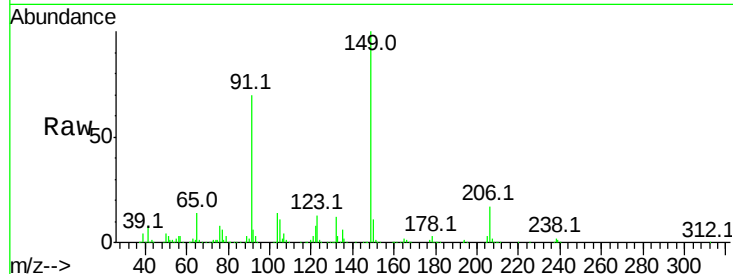




#79
 Butylbenzylphthalate
 Concen: 38.529 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

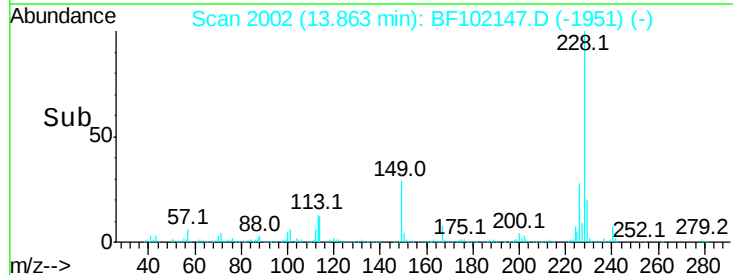
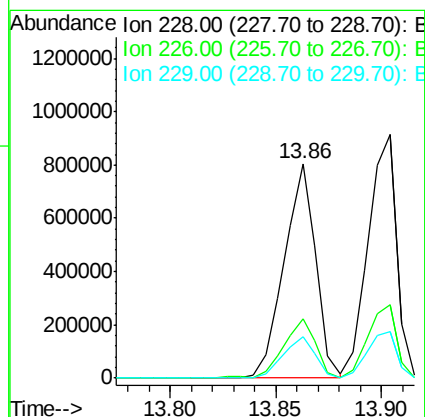
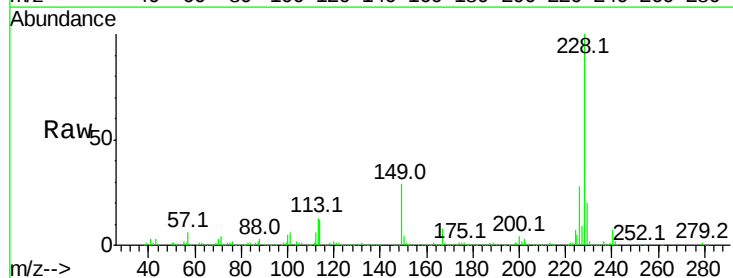
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

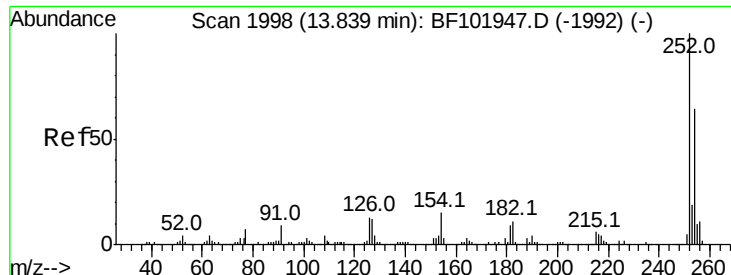
Tot Ion:149 Resp: 542606
 Ion Ratio Lower Upper
 149 100
 91 70.1 56.8 85.2
 206 17.5 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 37.817 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Tgt Ion:228 Resp: 837653
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.6 33.8
 229 19.6 15.8 23.6

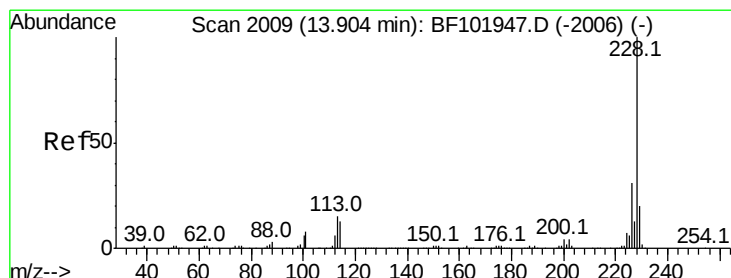
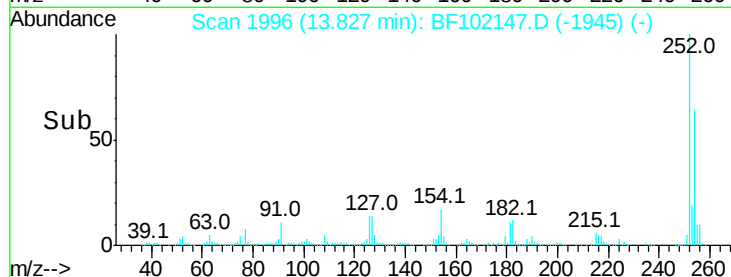
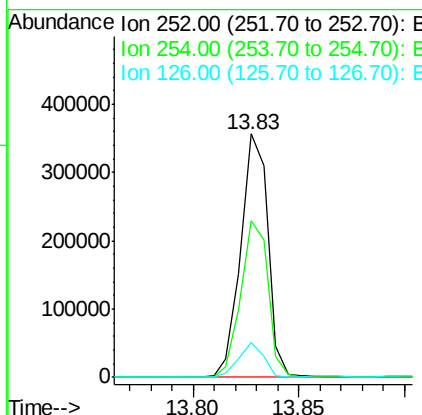
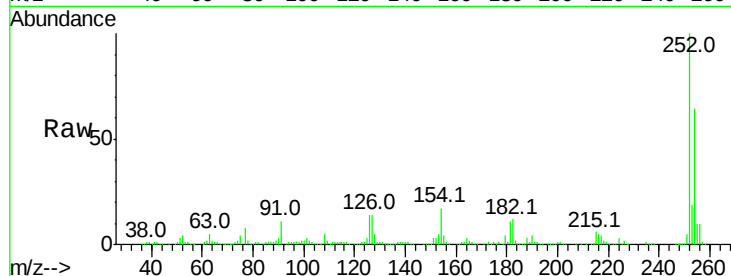




#81
 3,3'-Dichlorobenzidine
 Concen: 38.884 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

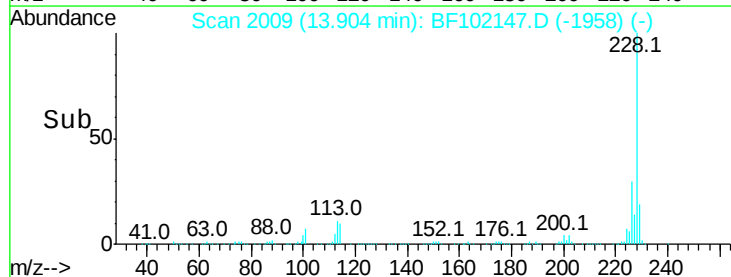
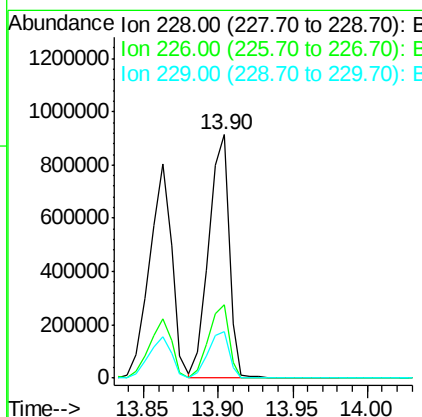
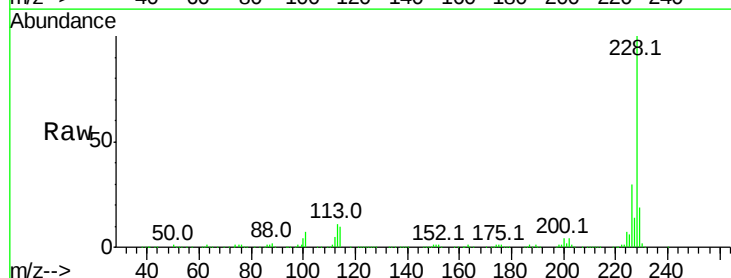
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

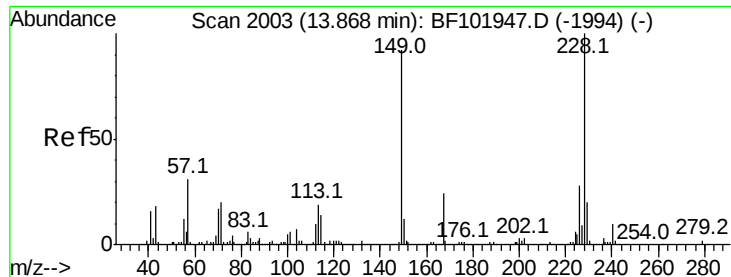
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	14.3	11.3	16.9



#82
 Chrysene
 Concen: 37.371 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.397 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

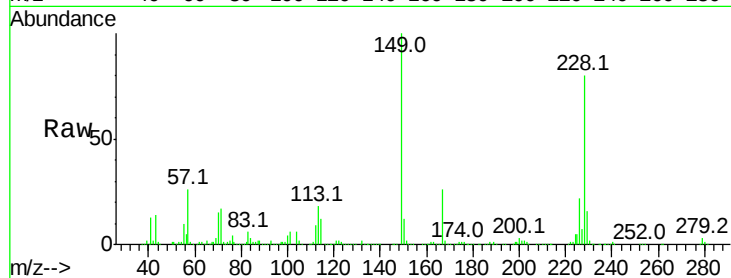
Tot Ion:149 Resp: 684947

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

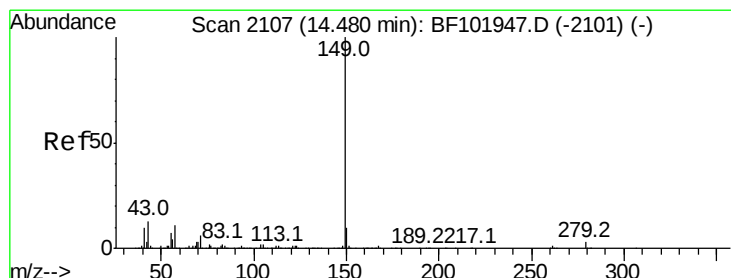
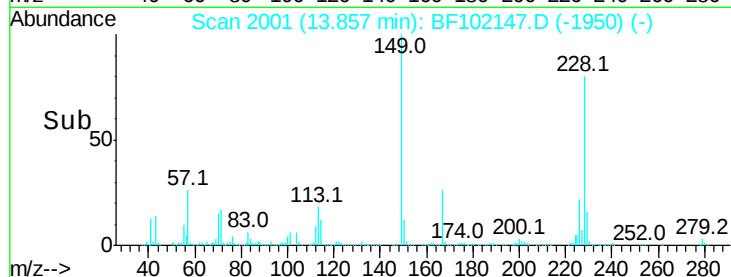
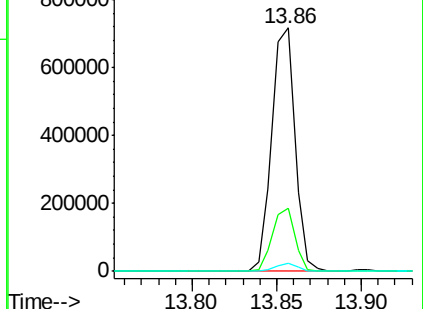
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.132 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

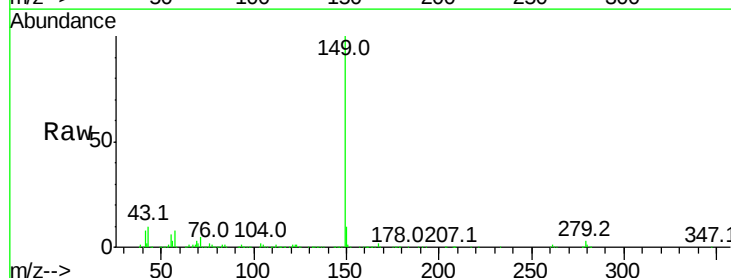
Tgt Ion:149 Resp: 1102699

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

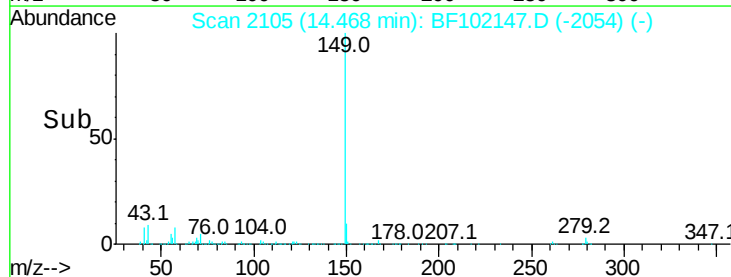
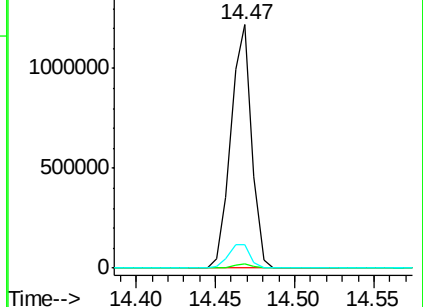
43 10.3 8.4 12.6

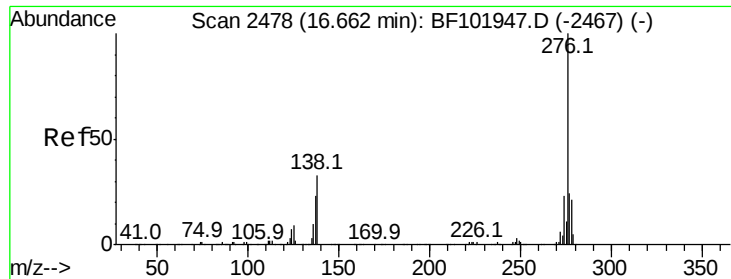


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.957 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

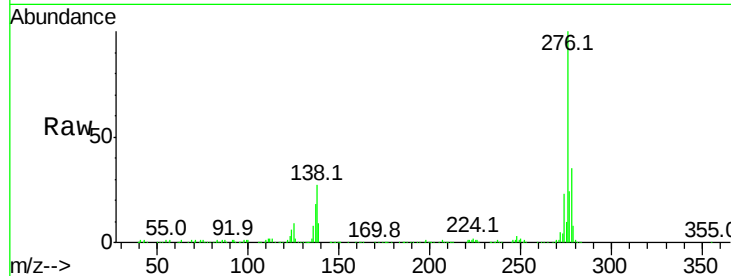
Tot Ion:276 Resp: 621262

Ion Ratio Lower Upper

276 100

138 30.5 25.0 37.6

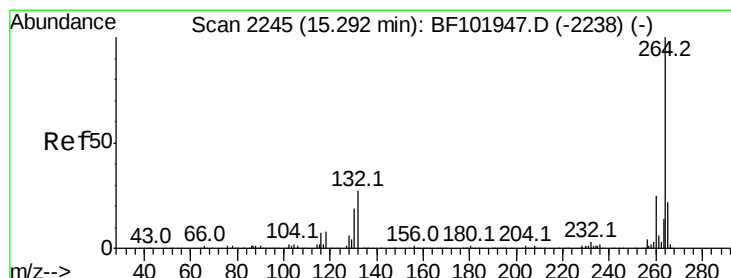
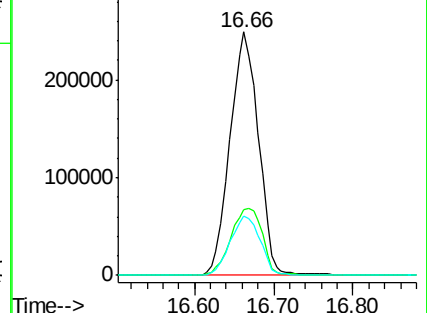
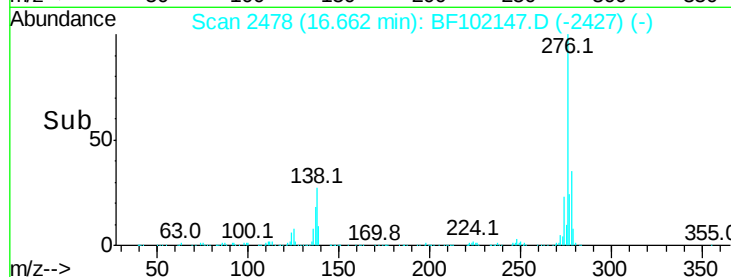
277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

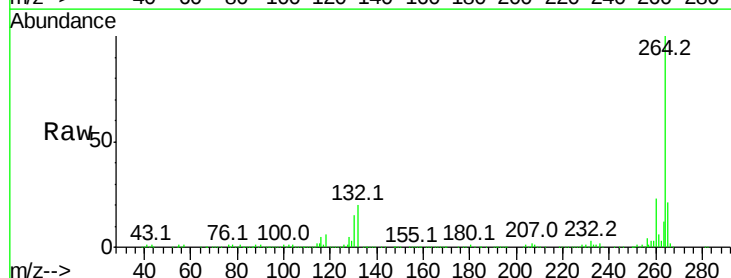
Tgt Ion:264 Resp: 290674

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

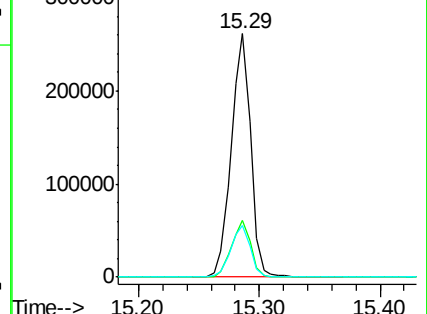
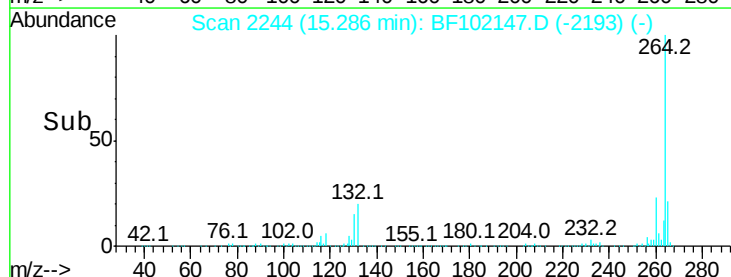
265 21.1 17.5 26.3

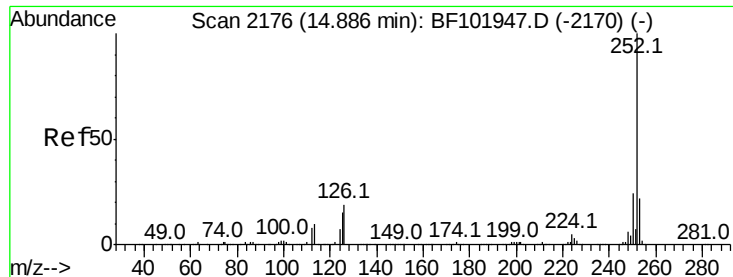


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

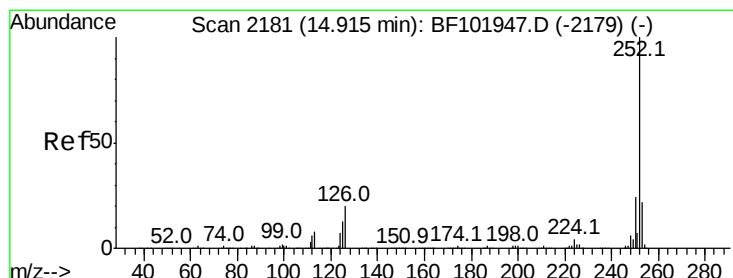
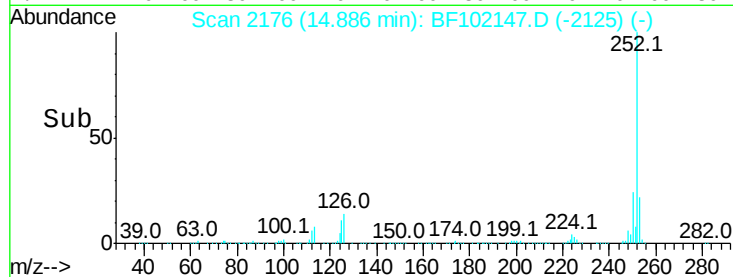
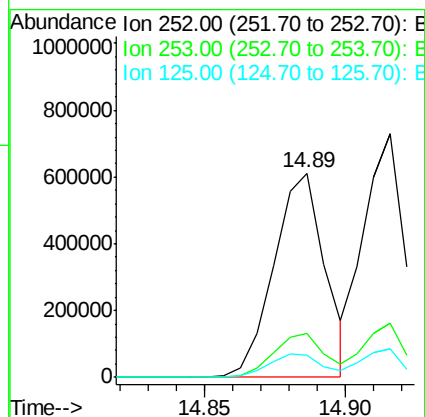
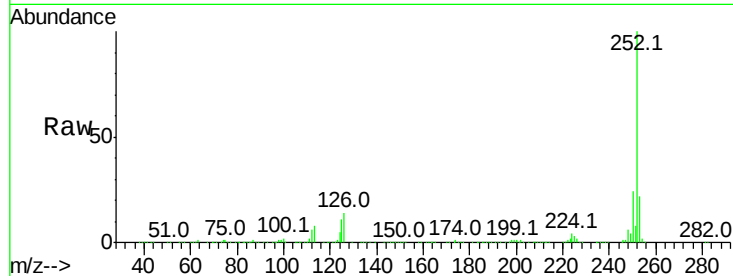




#87
Benzo(b)fluoranthene
Concen: 40.462 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

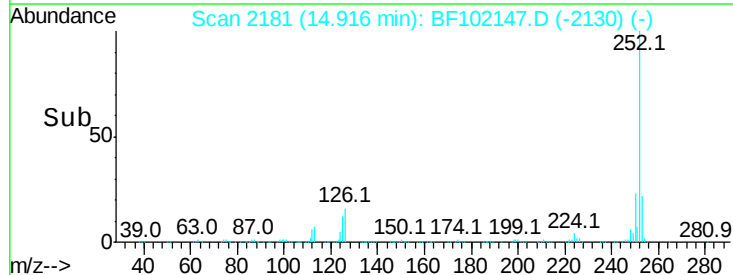
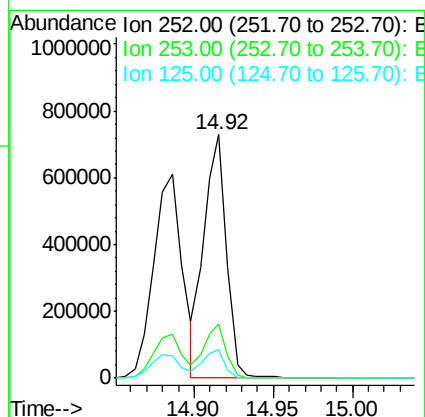
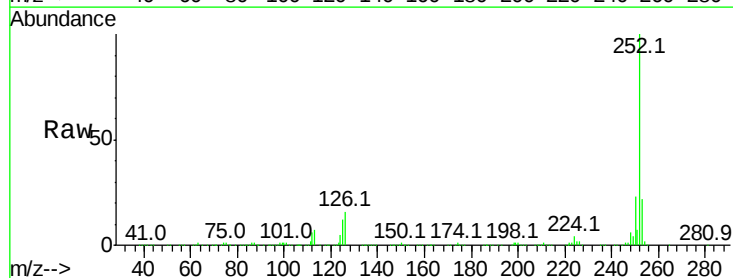
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

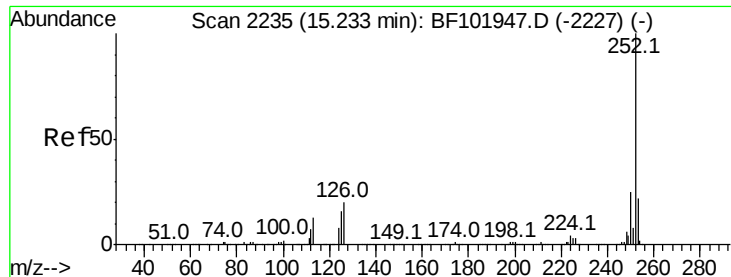
Tot Ion:252 Resp: 766864
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 10.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.612 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF102147.D
Acq: 17 Jan 2018 12:37

Tgt Ion:252 Resp: 724242
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.013 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

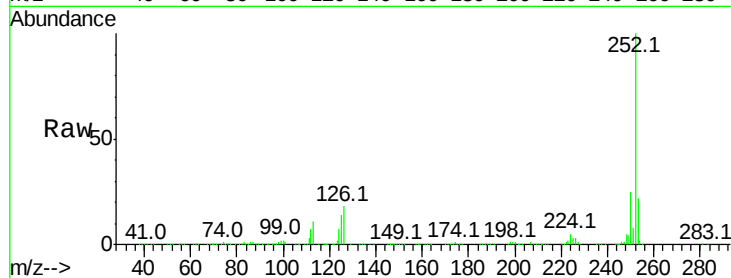
Tot Ion:252 Resp: 682418

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

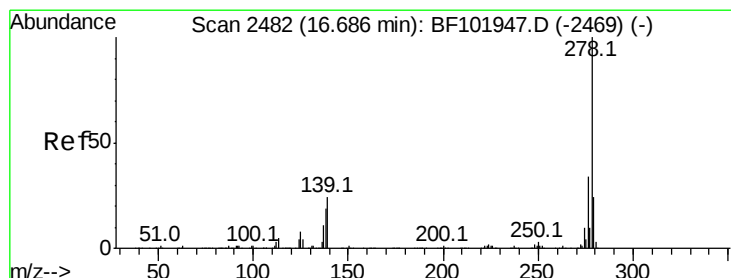
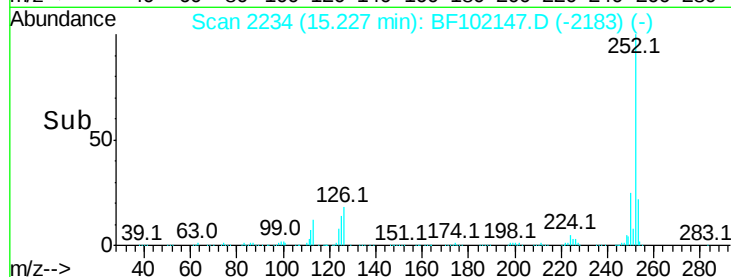
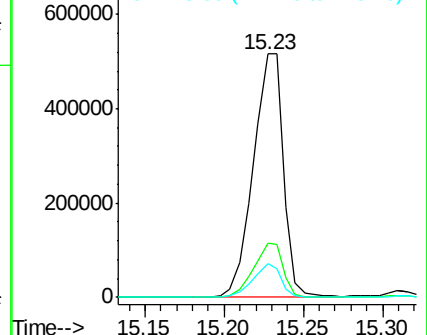
125 13.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.659 ng

RT: 16.68 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BF102147.D

Acq: 17 Jan 2018 12:37

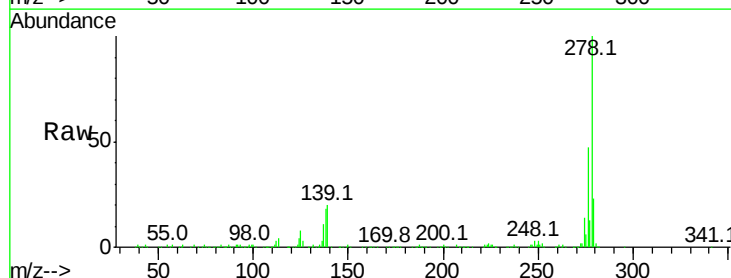
Tgt Ion:278 Resp: 512556

Ion Ratio Lower Upper

278 100

139 20.3 15.9 23.9

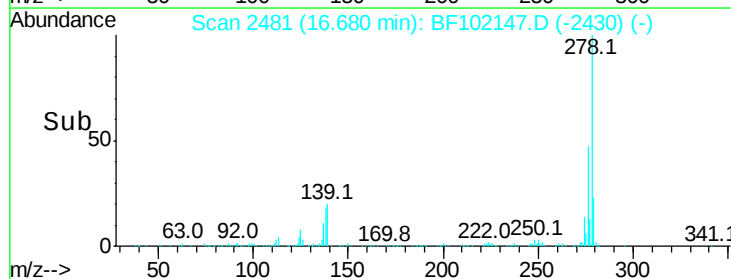
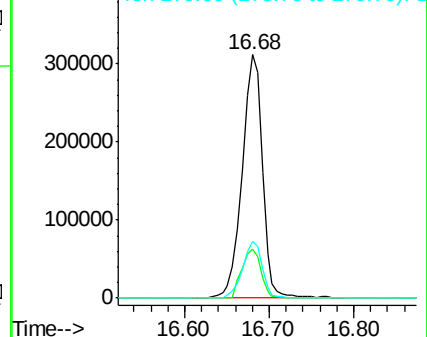
279 23.4 19.0 28.4

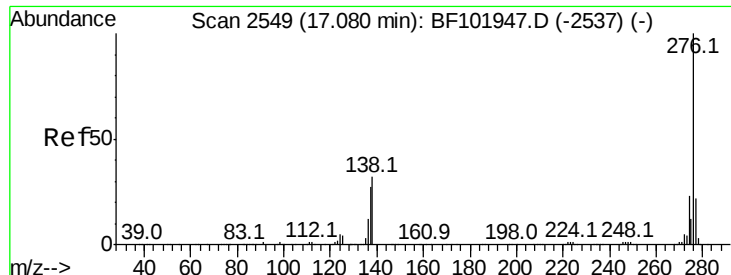


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

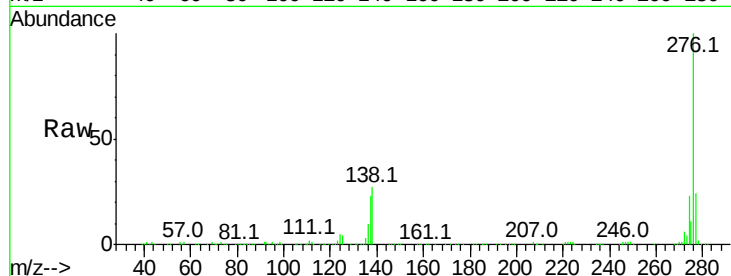




#91
 Benzo(a,h,i)perylene
 Concen: 36.113 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BF102147.D
 Acq: 17 Jan 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	27.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

