

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101979.D
 Acq On : 10 Jan 2018 14:29
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 11 01:51:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194520	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	819732	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	357780	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	618235	20.00	ng	0.00
75) Chrysene-d12	13.89	240	433694	20.00	ng	0.00
86) Perylene-d12	15.30	264	354362	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1034274	75.08	ng	0.01
7) Phenol-d6	6.37	99	1239482	75.42	ng	0.02
23) Nitrobenzene-d5	7.30	82	1113529	79.83	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	253066	81.05	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1816076	79.30	ng	0.00
78) Terphenyl-d14	12.84	244	1491722	71.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	258041	37.535	ng	95
3) Pyridine	3.11	79	715822	38.129	ng	92
4) n-Nitrosodimethylamine	3.06	42	297007	37.779	ng	95
6) Aniline	6.40	93	862279	37.228	ng	99
8) 2-Chlorophenol	6.52	128	530776	38.418	ng	99
9) Benzaldehyde	6.28	77	431711	37.830	ng	98
10) Phenol	6.38	94	689490	37.121	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	536464	37.947	ng	97
12) 1,3-Dichlorobenzene	6.67	146	611980	38.426	ng	99
13) 1,4-Dichlorobenzene	6.75	146	610325	38.404	ng	99
14) 1,2-Dichlorobenzene	6.90	146	559627	38.046	ng	97
15) Benzyl Alcohol	6.87	79	450071	37.437	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	965363	37.042	ng	97
17) 2-Methylphenol	6.99	107	478361	38.382	ng	99
18) Hexachloroethane	7.24	117	223132	39.871	ng	92
19) n-Nitroso-di-n-propylamine	7.15	70	386539	35.888	ng	92
20) 3+4-Methylphenols	7.15	107	545095	36.426	ng	# 67
22) Acetophenone	7.15	105	721465	36.528	ng	# 87
24) Nitrobenzene	7.32	77	593720	39.609	ng	98
25) Isophorone	7.56	82	1028392	37.310	ng	99
26) 2-Nitrophenol	7.63	139	289876	46.204	ng	93
27) 2,4-Dimethylphenol	7.67	122	440345	37.582	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	619112	37.200	ng	99
29) 2,4-Dichlorophenol	7.87	162	433107	38.929	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	454005	39.013	ng	99
31) Naphthalene	8.03	128	1552295	37.897	ng	99
32) Benzoic acid	7.80	122	353932	39.835	ng	97
33) 4-Chloroaniline	8.09	127	670569	38.356	ng	98
34) Hexachlorobutadiene	8.15	225	239195	38.831	ng	99
35) Caprolactam	8.47	113	150219	39.330	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	468954	38.507	ng	99
37) 2-Methylnaphthalene	8.73	142	1010787	37.484	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	399919	39.510	ng	99
40) Hexachlorocyclopentadiene	8.87	237	239478	43.262	ng	99

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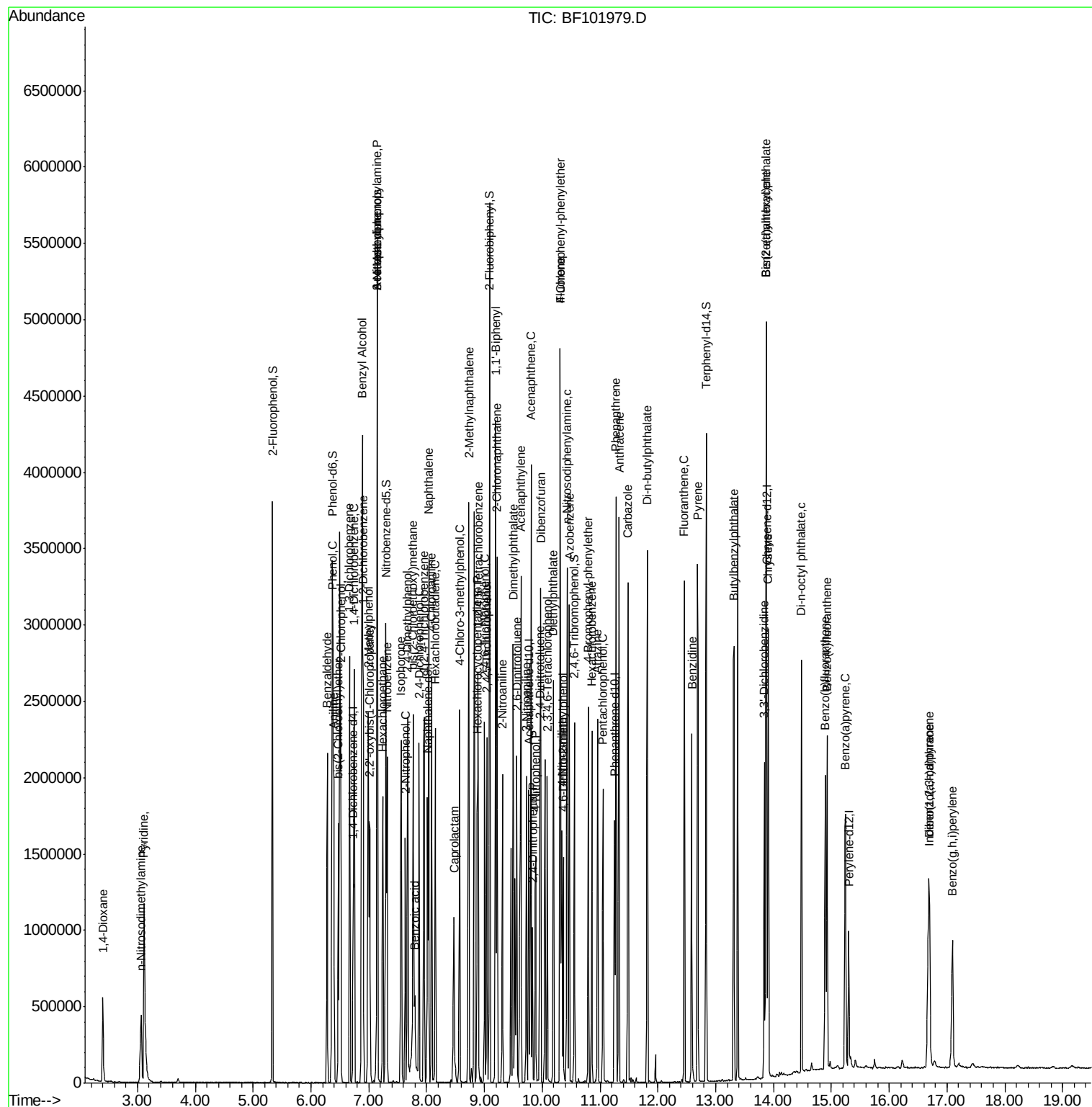
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	283513	40.646	nq	100
43) 2,4,5-Trichlorophenol	9.05	196	315988	40.082	nq	98
45) 1,1'-Biphenyl	9.19	154	1190048	37.631	nq	99
46) 2-Chloronaphthalene	9.22	162	948745	38.688	nq	99
47) 2-Nitroaniline	9.32	65	325251	44.277	nq	98
48) Acenaphthylene	9.63	152	1486592	38.198	nq	99
49) Dimethylphthalate	9.50	163	1094456	38.133	nq	100
50) 2,6-Dinitrotoluene	9.56	165	240752	41.993	nq	92
51) Acenaphthene	9.80	154	867358	36.719	nq	100
52) 3-Nitroaniline	9.73	138	299686	41.418	nq	96
53) 2,4-Dinitrophenol	9.83	184	95597	47.568	nq #	20
54) Dibenzofuran	9.97	168	1217697	37.561	nq	99
55) 4-Nitrophenol	9.89	139	225745	41.865	nq	94
56) 2,4-Dinitrotoluene	9.96	165	320665	44.625	nq	96
57) Fluorene	10.32	166	904053	40.340	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	221841	39.526	nq	100
59) Diethylphthalate	10.19	149	1085469	38.020	nq	100
60) 4-Chlorophenyl-phenylether	10.31	204	389346	40.799	nq	99
61) 4-Nitroaniline	10.34	138	298289	43.439	nq	93
62) Azobenzene	10.47	77	1071802	37.732	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	153246	45.919	nq	94
65) n-Nitrosodiphenylamine	10.43	169	860610	37.175	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	252215	38.631	nq	96
67) Hexachlorobenzene	10.86	284	273344	38.351	nq	99
68) Atrazine	10.96	200	265179	39.636	nq	99
69) Pentachlorophenol	11.05	266	169235	38.938	nq	98
70) Phenanthrene	11.27	178	1351882	37.435	nq	98
71) Anthracene	11.33	178	1368061	37.353	nq	100
72) Carbazole	11.48	167	1367085	37.975	nq	99
73) Di-n-butylphthalate	11.82	149	1665124	37.701	nq	100
74) Fluoranthene	12.46	202	1362729	38.354	nq	98
76) Benzidine	12.59	184	745919	35.617	nq	96
77) Pyrene	12.69	202	1394389	36.373	nq	99
79) Butylbenzylphthalate	13.32	149	697588	39.651	nq	96
80) Benzo(a)anthracene	13.87	228	1000299	36.150	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	403080	39.342	nq	99
82) Chrysene	13.91	228	1064165	36.882	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	783049	38.799	nq	99
84) Di-n-octyl phthalate	14.49	149	1343793	40.124	nq	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	759525	36.167	nq	94
87) Benzo(b)fluoranthene	14.90	252	884932	38.299	nq	99
88) Benzo(k)fluoranthene	14.93	252	856573	38.430	nq	100
89) Benzo(a)pyrene	15.24	252	808538	38.887	nq	98
90) Dibenzo(a,h)anthracene	16.70	278	630699	38.011	nq	98
91) Benzo(g,h,i)perylene	17.10	276	632579	37.847	nq	94

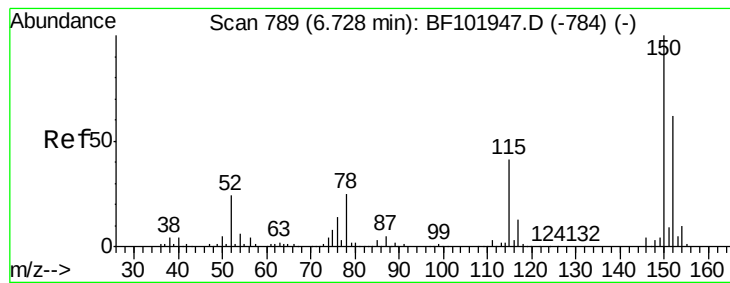
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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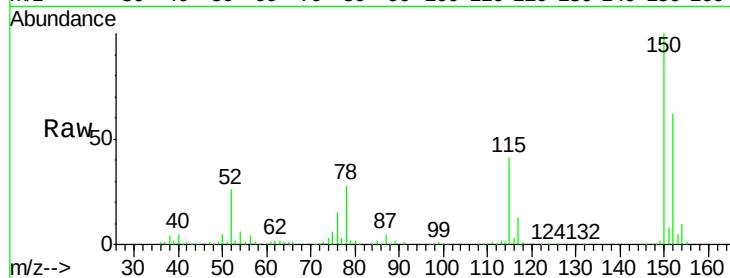


#1

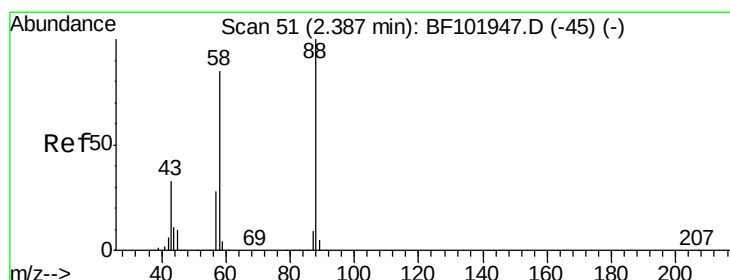
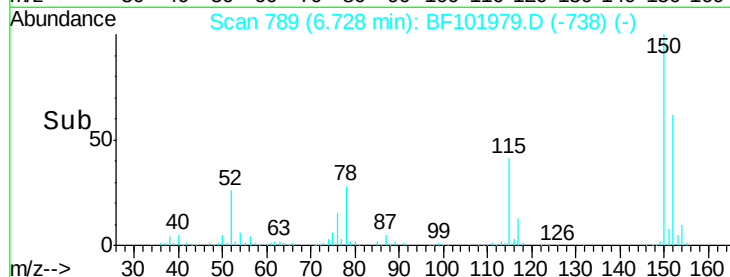
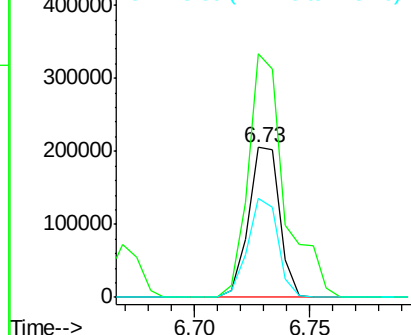
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	65.9	50.1	75.1



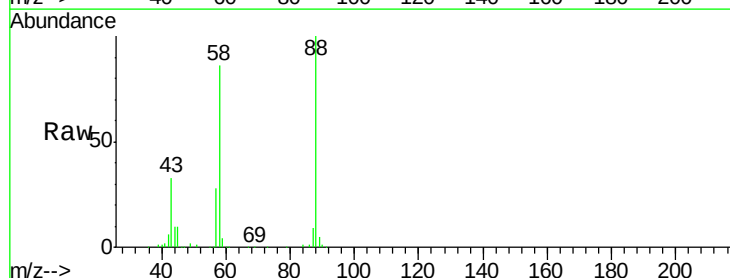
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



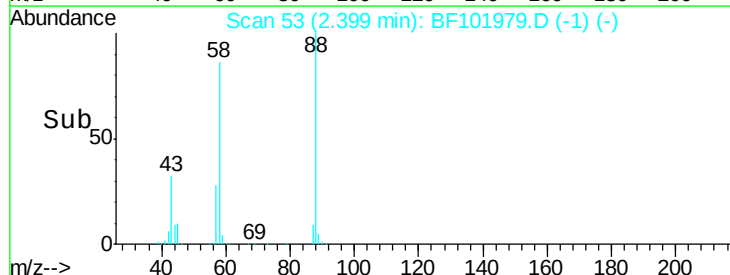
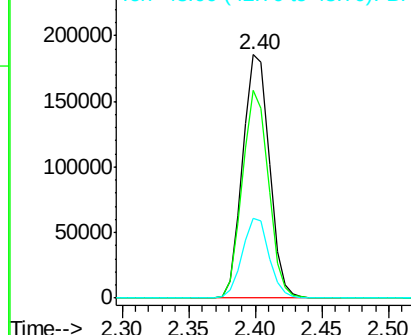
#2

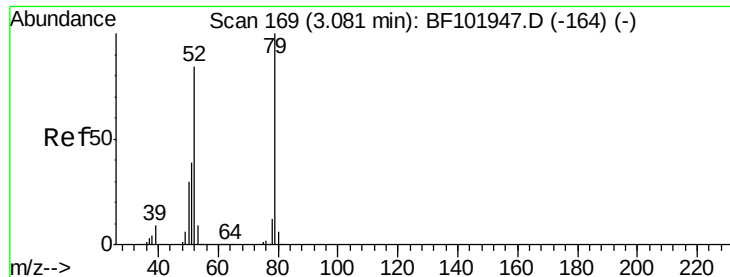
1,4-Dioxane
 Concen: 37.535 ng
 RT: 2.40 min Scan# 53
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	62.6	93.8
43	32.8	24.6	37.0



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





#3

Pvridine

Concen: 38.129 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.03 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

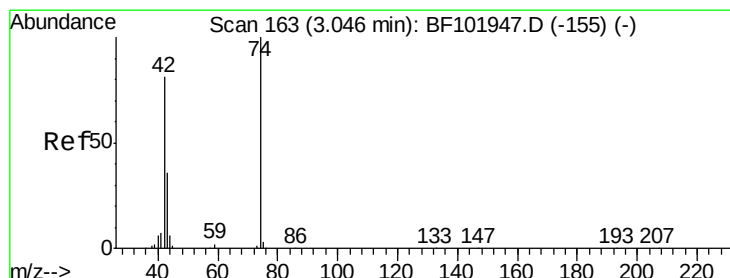
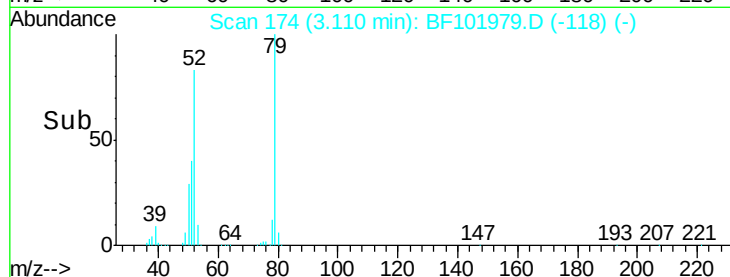
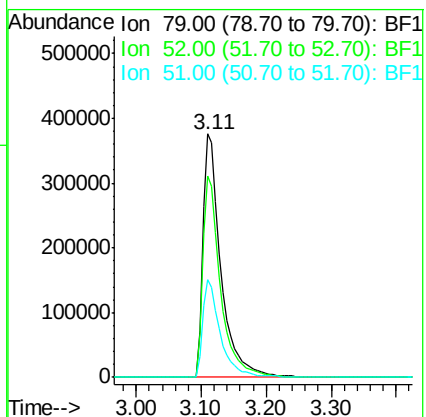
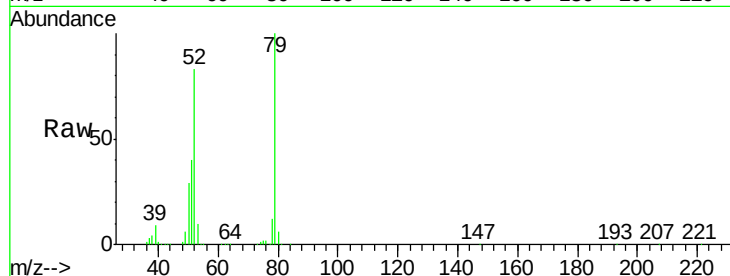
Tot Ion: 79 Resp: 715822

Ion Ratio Lower Upper

79 100

52 82.9 59.8 89.6

51 40.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.779 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.02 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

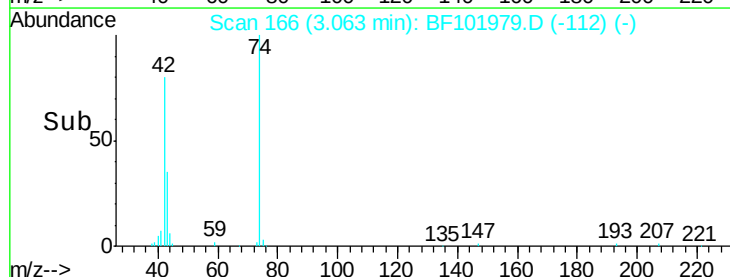
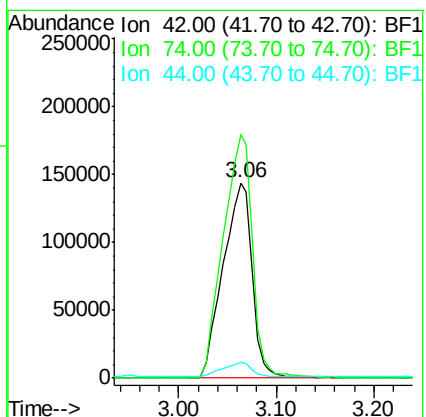
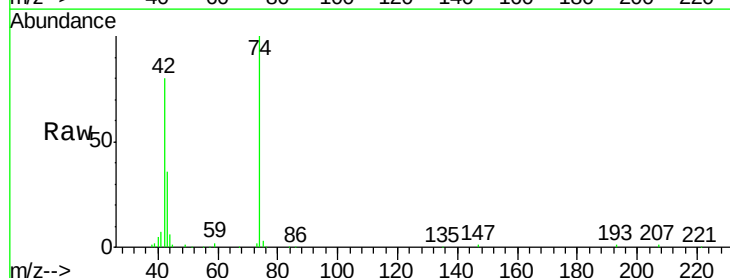
Tgt Ion: 42 Resp: 297007

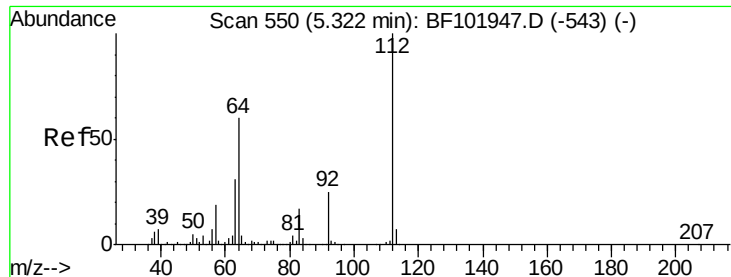
Ion Ratio Lower Upper

42 100

74 124.9 104.9 157.3

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 75.081 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

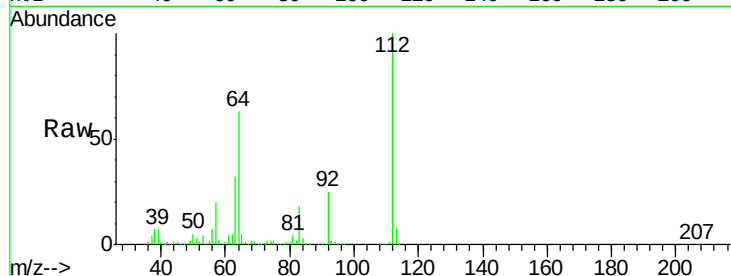
Tot Ion:112 Resp: 1034274

Ion Ratio Lower Upper

112 100

64 63.0 47.9 71.9

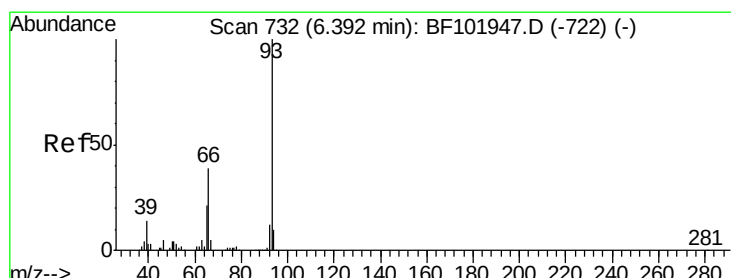
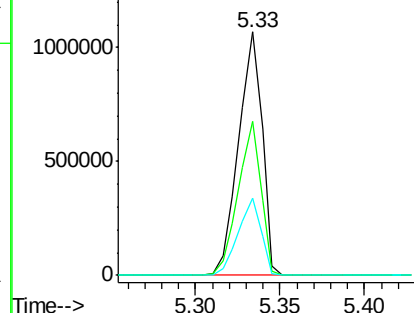
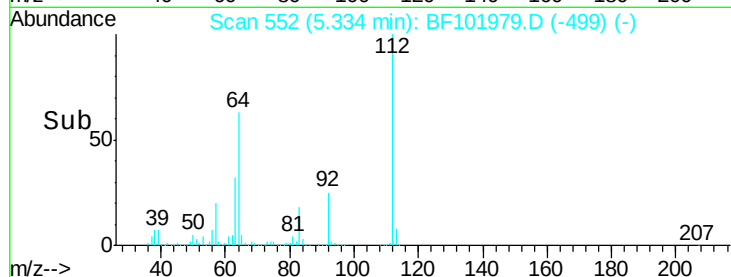
63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.228 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

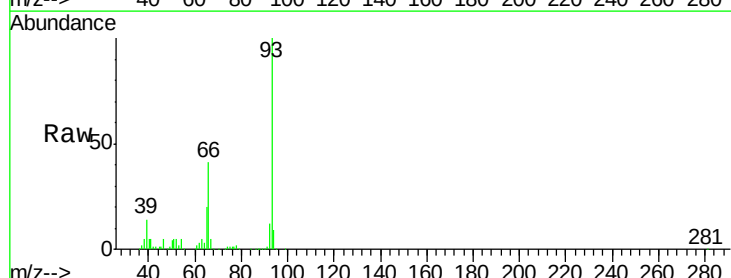
Tgt Ion: 93 Resp: 862279

Ion Ratio Lower Upper

93 100

66 40.7 32.2 48.2

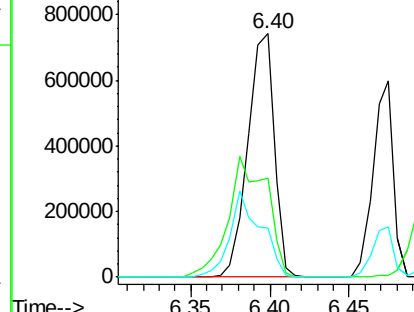
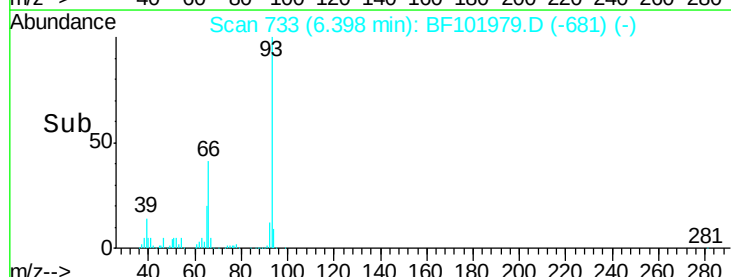
65 19.9 16.4 24.6

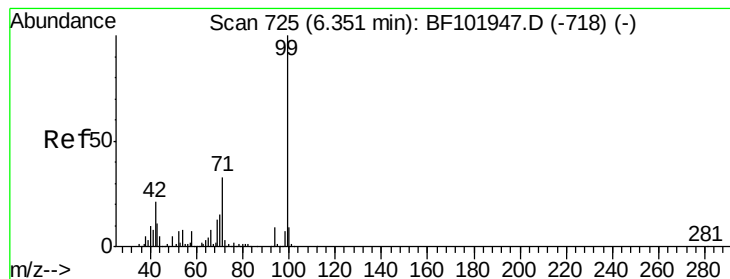


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.415 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.02 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

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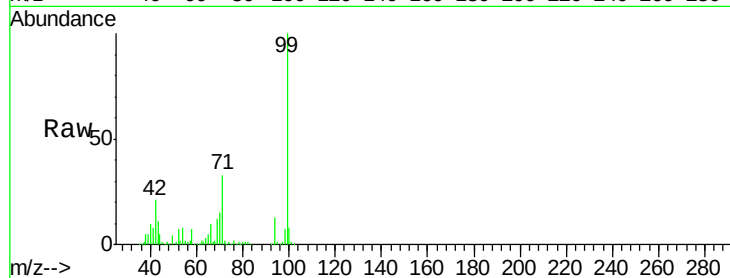
Tot Ion: 99 Resp: 1239482

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

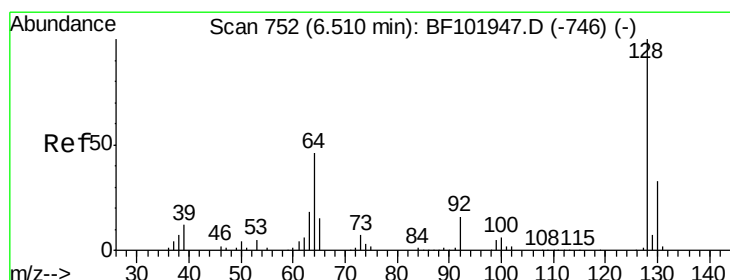
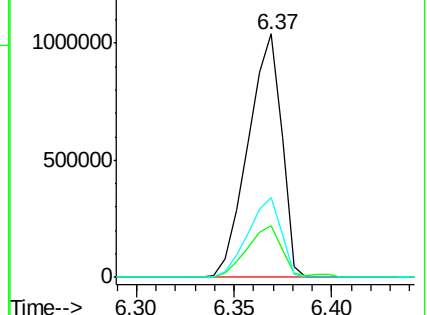
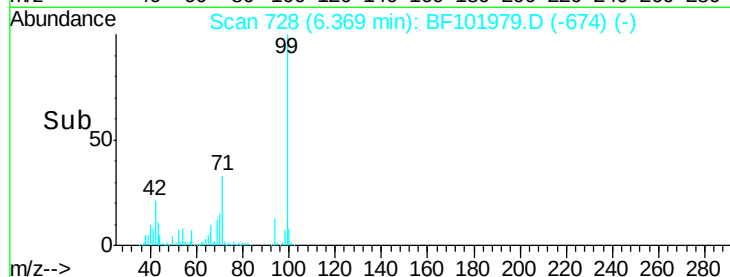
71 33.0 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.418 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

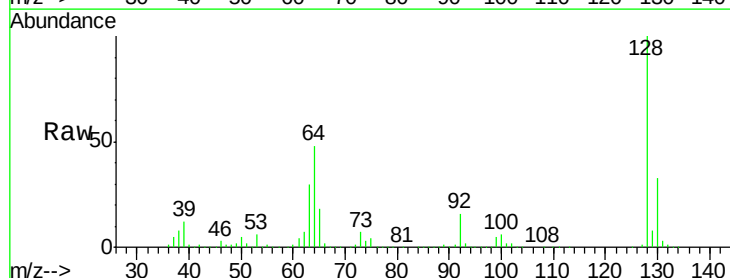
Tgt Ion: 128 Resp: 530776

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

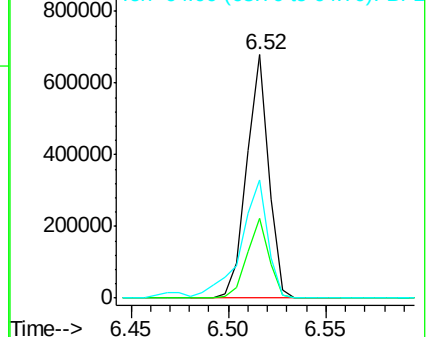
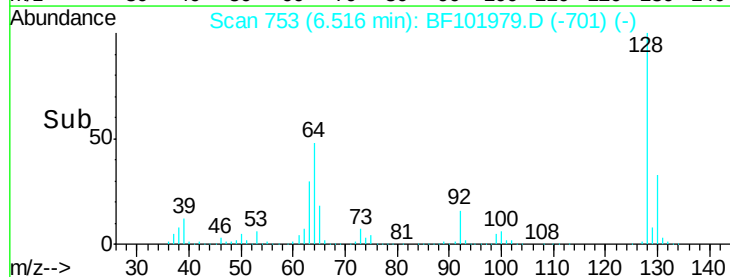
64 48.4 29.4 69.4

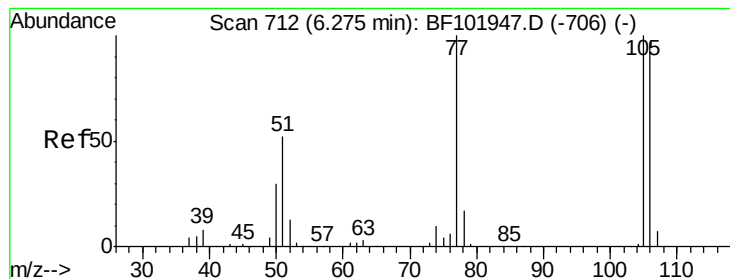


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.830 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

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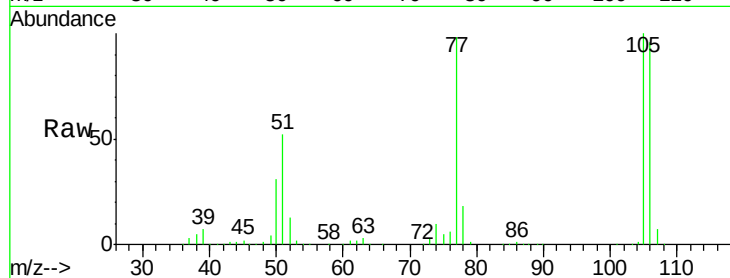
Tot Ion: 77 Resp: 431711

Ion Ratio Lower Upper

77 100

105 102.0 81.1 121.1

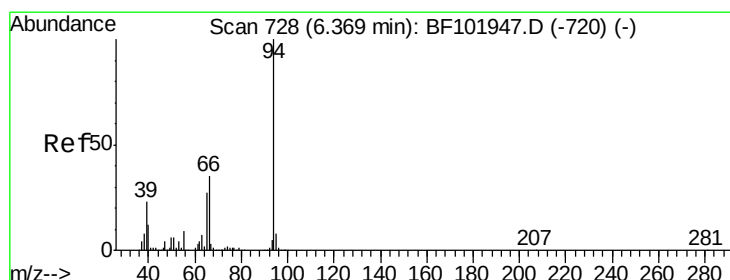
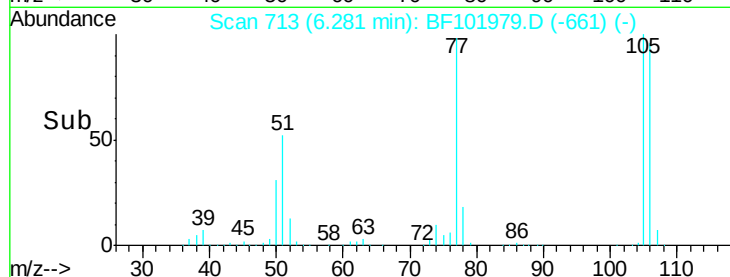
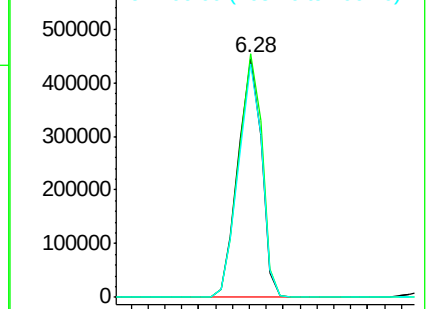
106 97.8 74.5 114.5



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: 37.121 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

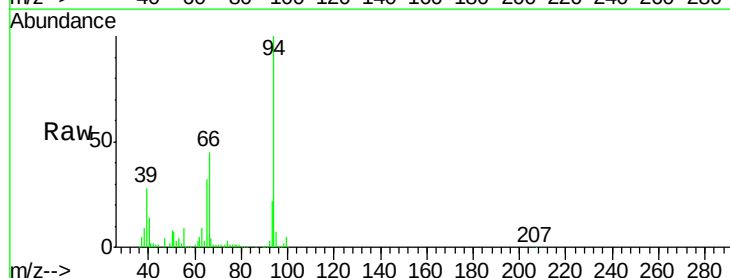
Tgt Ion: 94 Resp: 689490

Ion Ratio Lower Upper

94 100

65 32.0 7.9 47.9

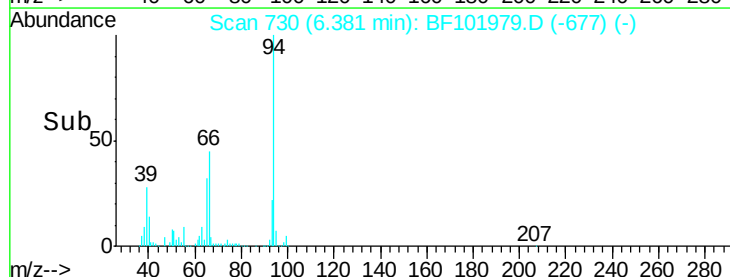
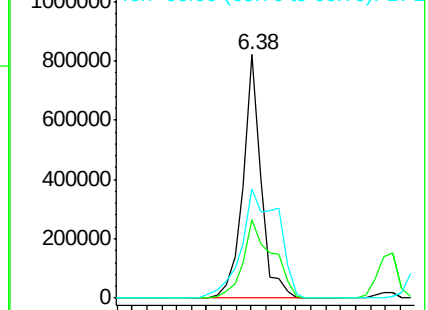
66 45.0 16.2 56.2

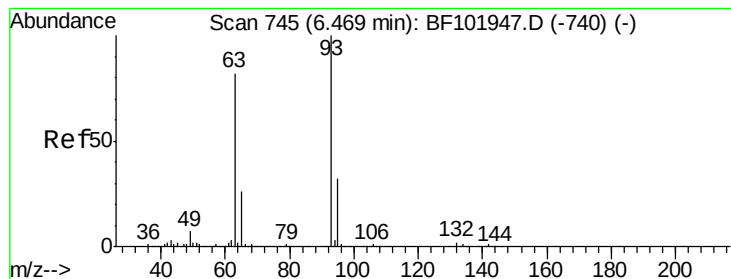


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.947 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

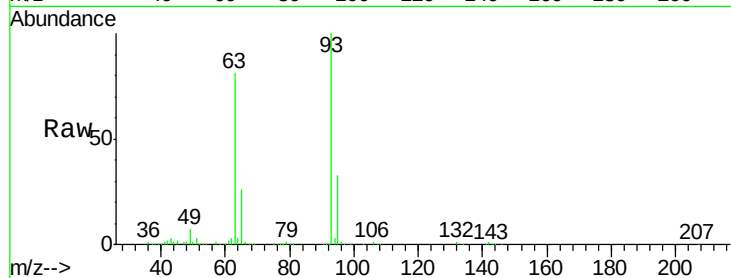
Tot Ion: 93 Resp: 536464

Ion Ratio Lower Upper

93 100

63 81.4 58.6 98.6

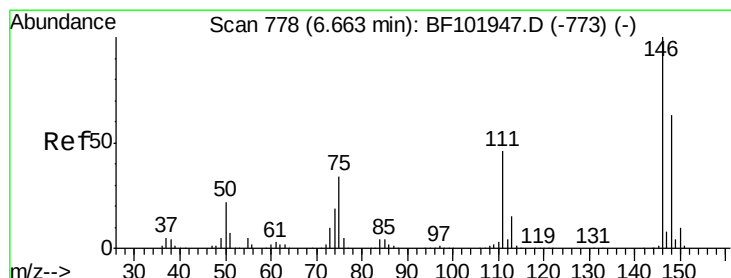
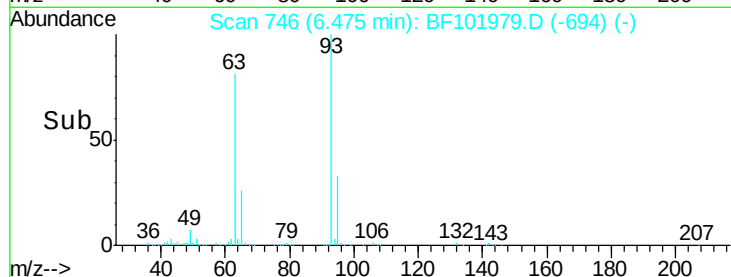
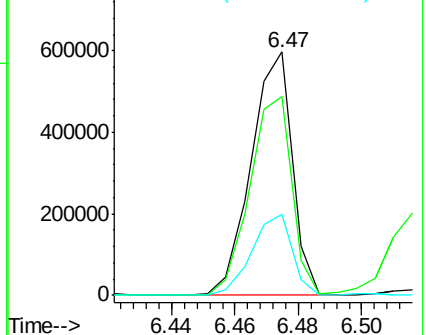
95 33.3 11.8 51.8



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: 38.426 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

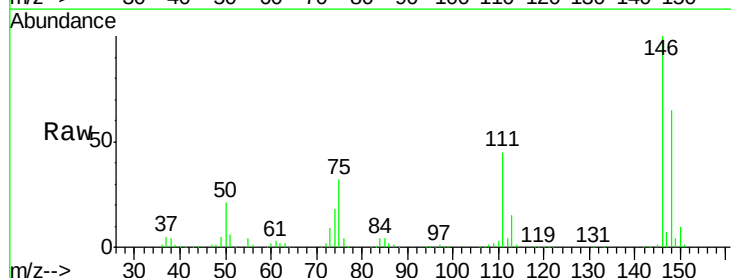
Tgt Ion: 146 Resp: 611980

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

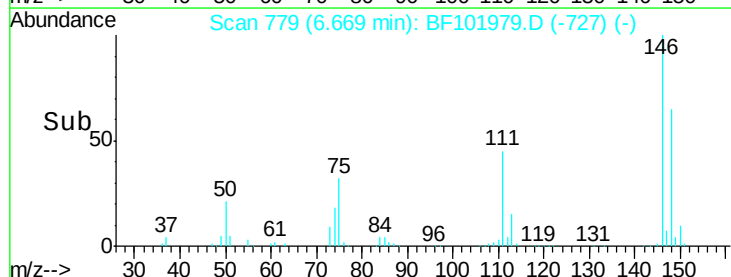
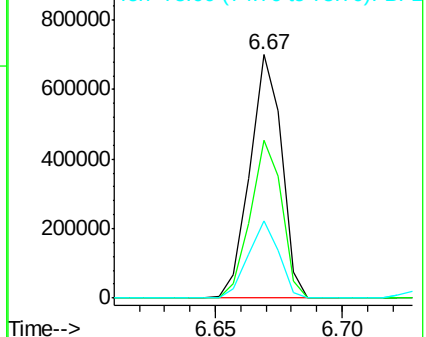
75 31.8 24.2 36.4

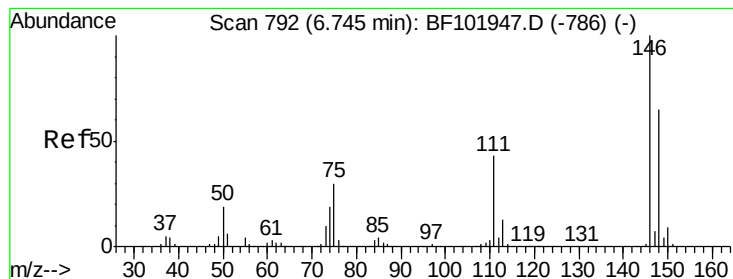


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.404 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

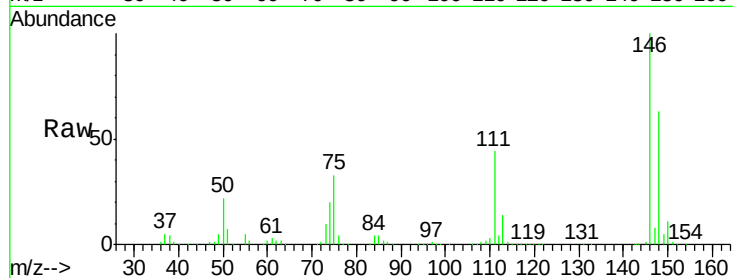
Tot Ion:146 Resp: 610325

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

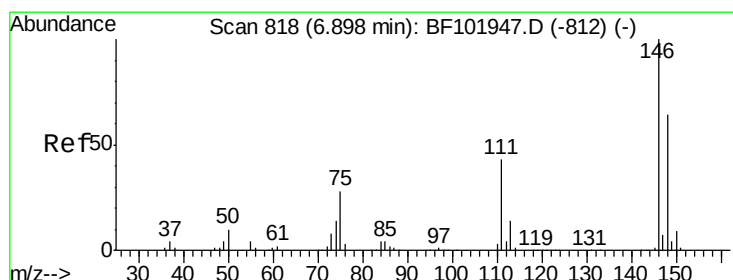
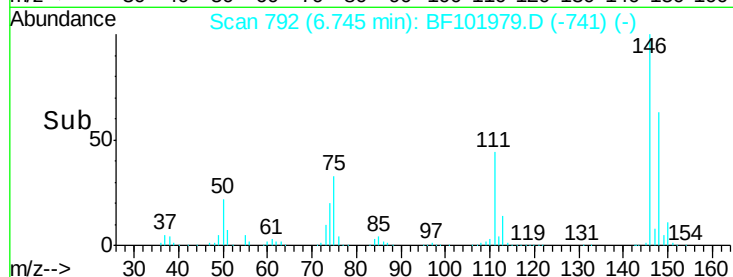
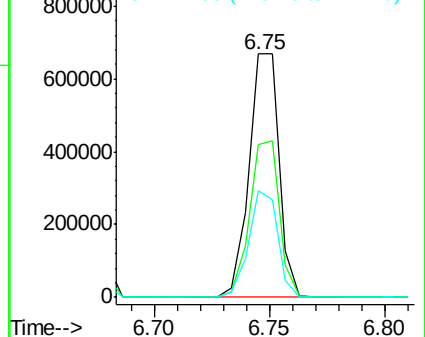
111 43.8 34.2 51.2



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: 38.046 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

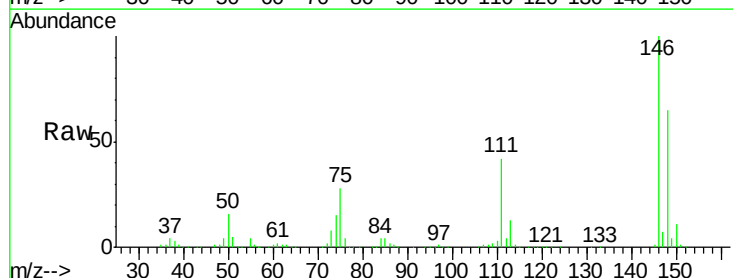
Tgt Ion:146 Resp: 559627

Ion Ratio Lower Upper

146 100

148 65.1 50.6 75.8

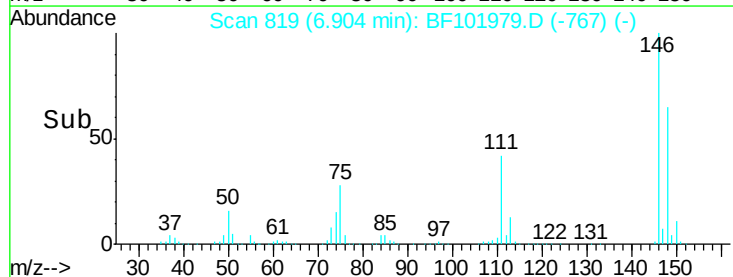
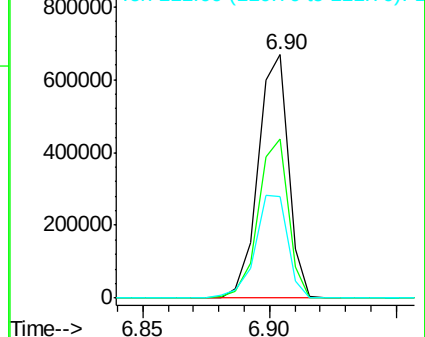
111 41.9 36.0 54.0

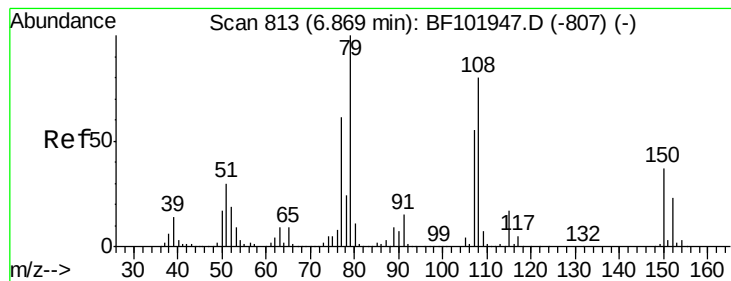


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.437 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

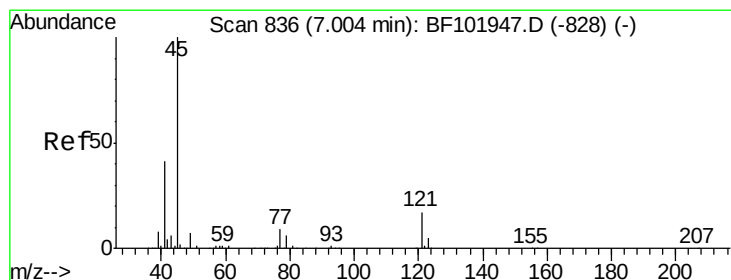
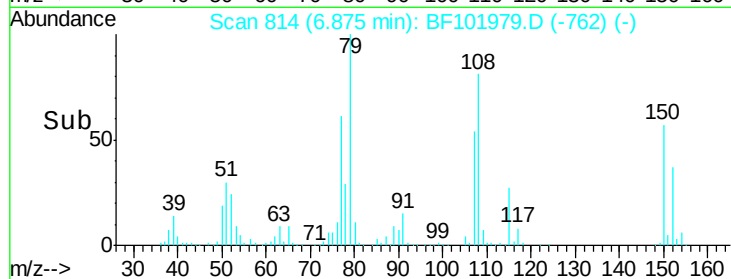
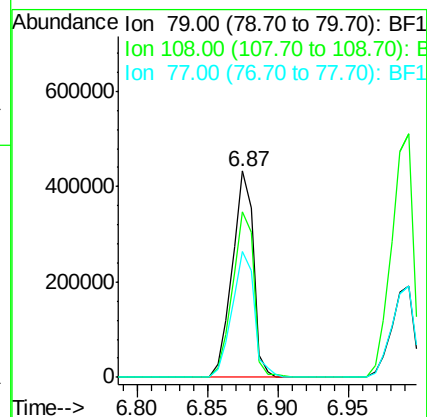
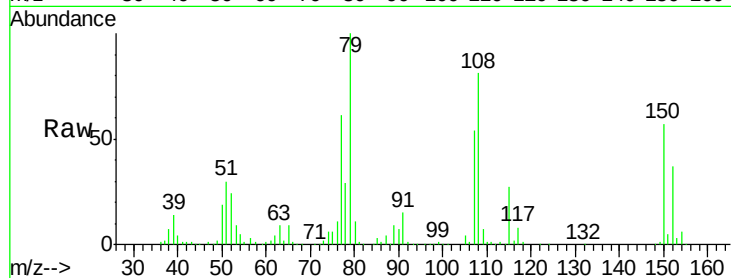
Tot Ion: 79 Resp: 450071

Ion Ratio Lower Upper

79 100

108 80.5 65.1 97.7

77 61.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.042 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

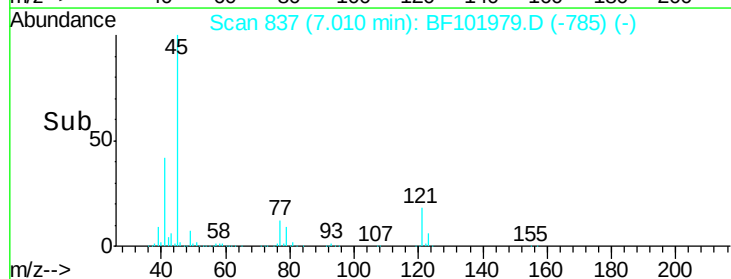
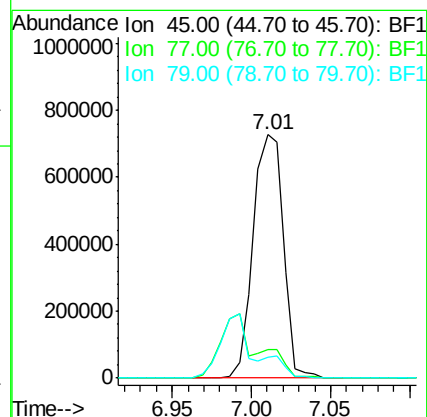
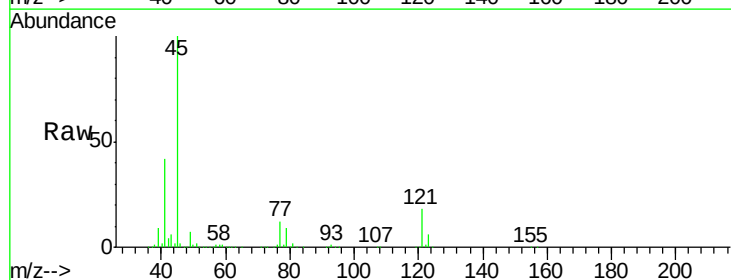
Tgt Ion: 45 Resp: 965363

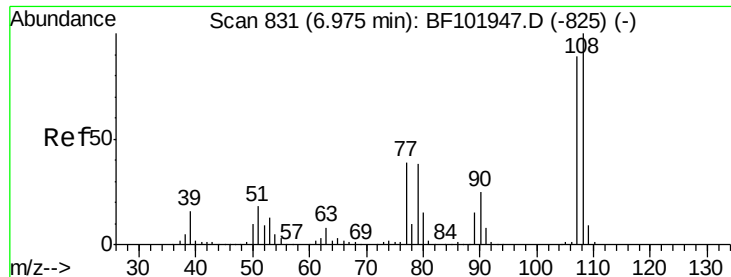
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

79 8.5 0.0 29.6

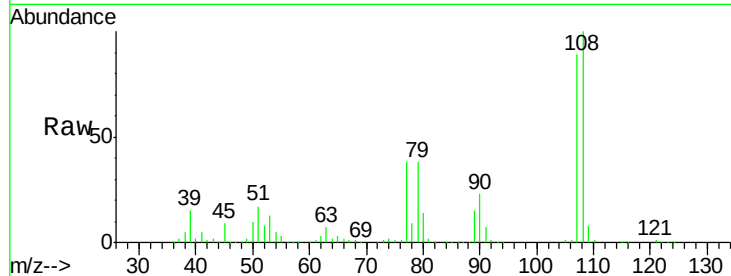




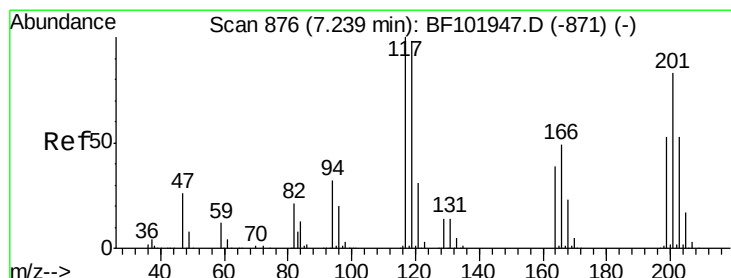
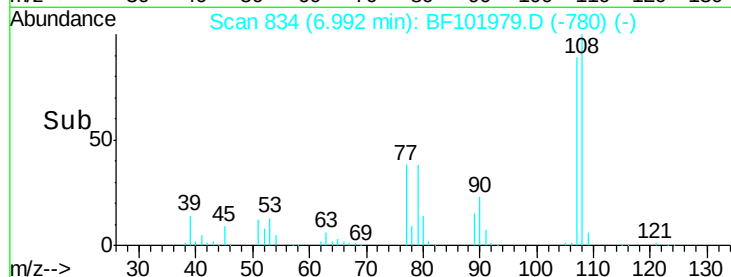
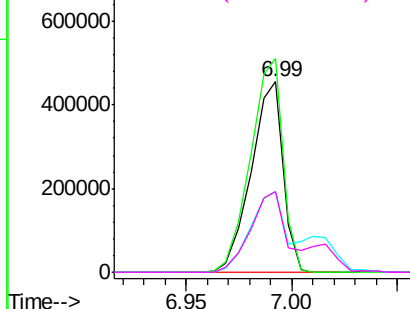
#17
2-Methylphenol
Concen: 38.382 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.02 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:107 Resp: 478361
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 42.4 33.8 50.8
79 42.3 33.8 50.8

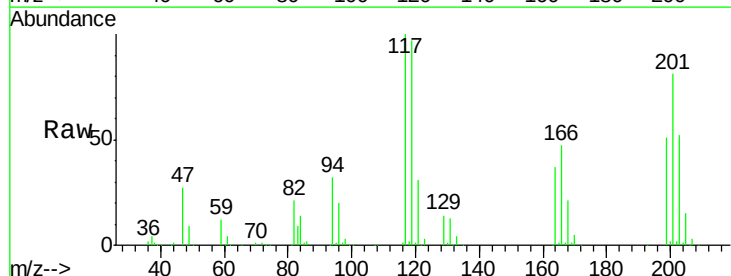


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

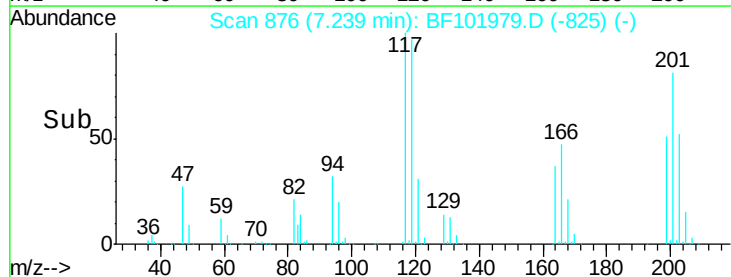
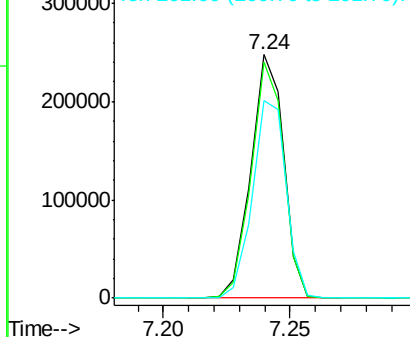


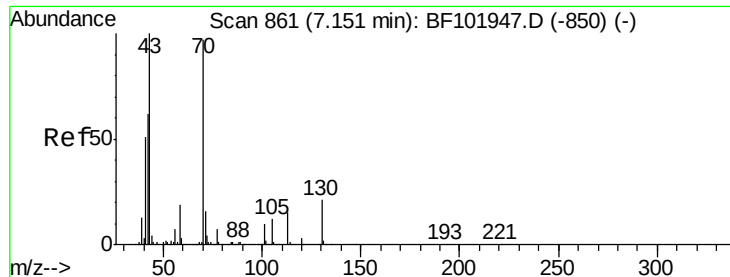
#18
Hexachloroethane
Concen: 39.871 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion:117 Resp: 223132
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 81.1 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: 35.888 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 386539

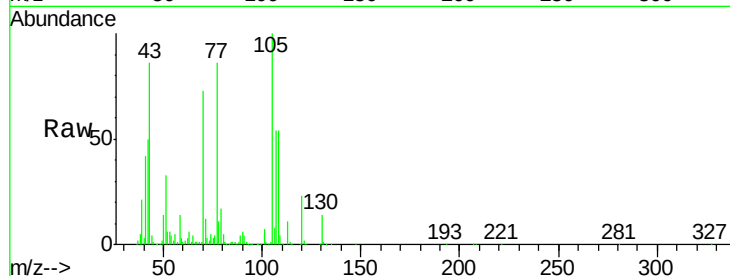
Ion Ratio Lower Upper

70 100

42 67.8 47.5 71.3

101 8.9 7.4 11.2

130 19.8 16.6 25.0

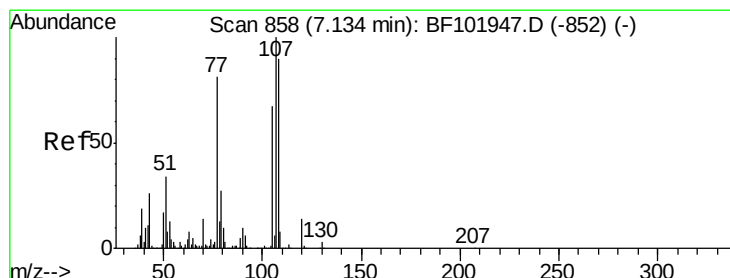
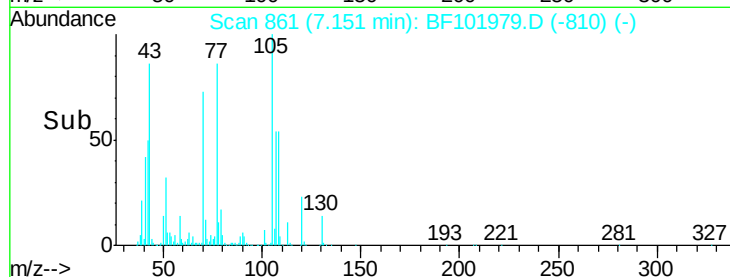
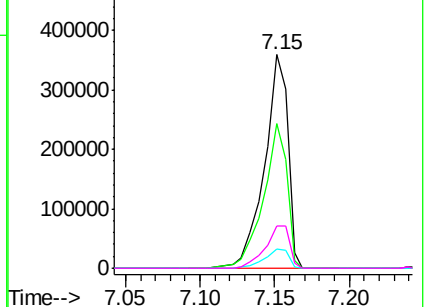


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 36.426 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Tgt Ion: 107 Resp: 545095

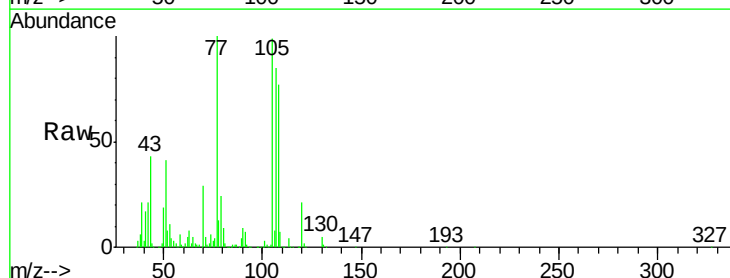
Ion Ratio Lower Upper

107 100

108 90.7 68.2 108.2

77 118.3 26.7 66.7#

79 28.8 6.3 46.3

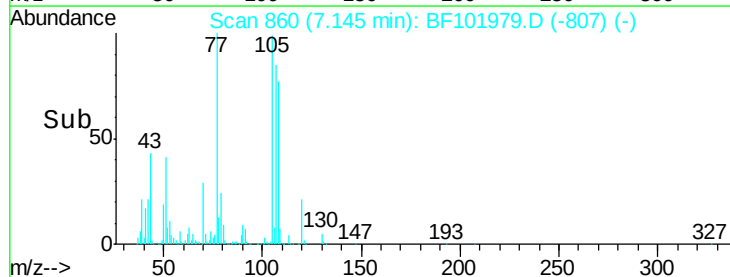
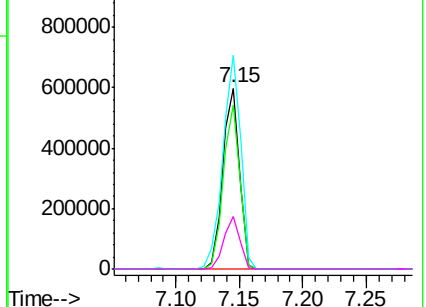


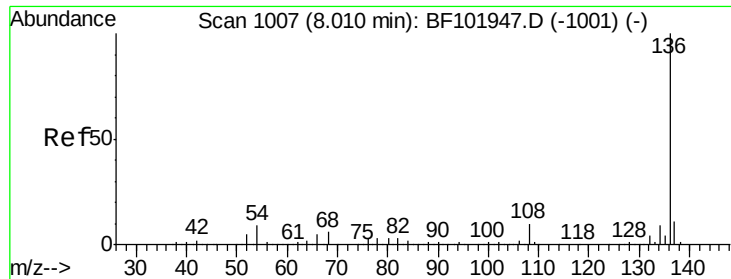
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

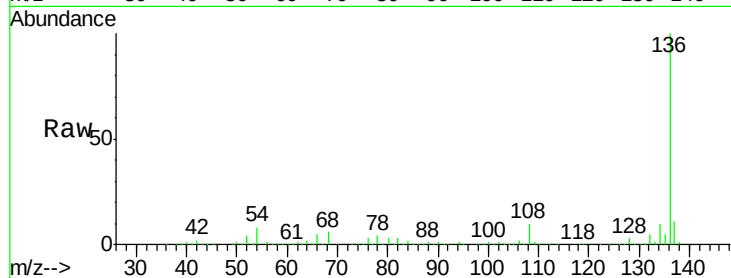




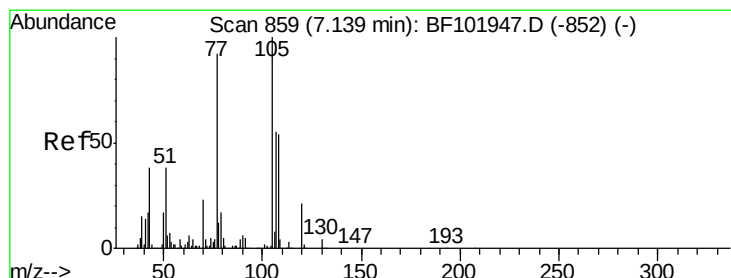
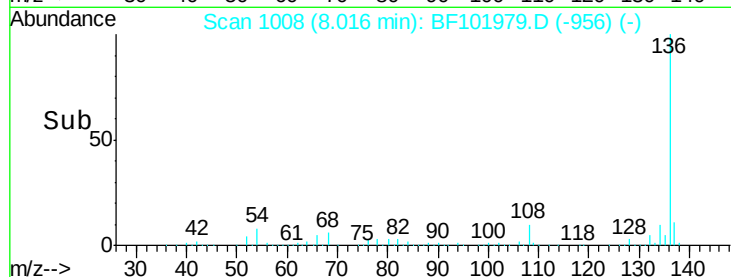
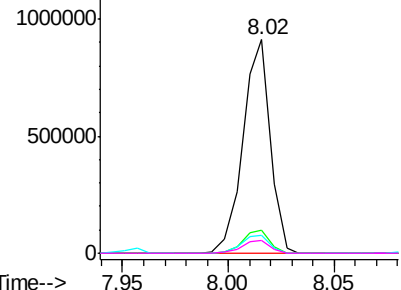
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:136	Resp:	819732
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.1	6.6 9.8
68	6.0	5.0 7.4

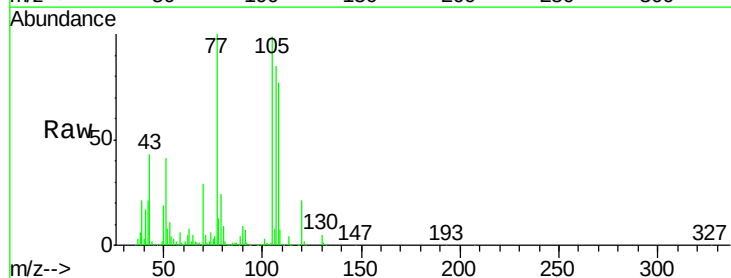


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

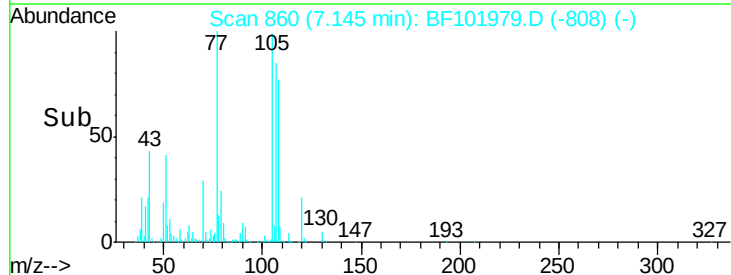
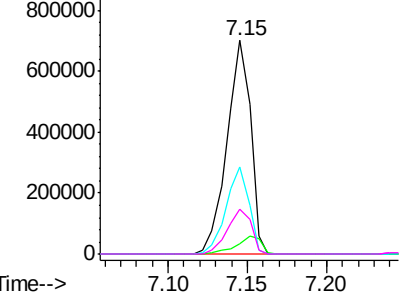


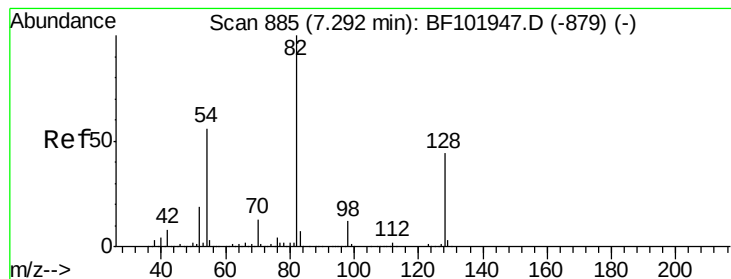
#22
Acetophenone
Concen: 36.528 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion:105	Resp:	721465
Ion Ratio	Lower	Upper
105	100	
71	4.8	4.4 6.6
51	40.9	22.3 33.5#
120	21.1	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: 79.825 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

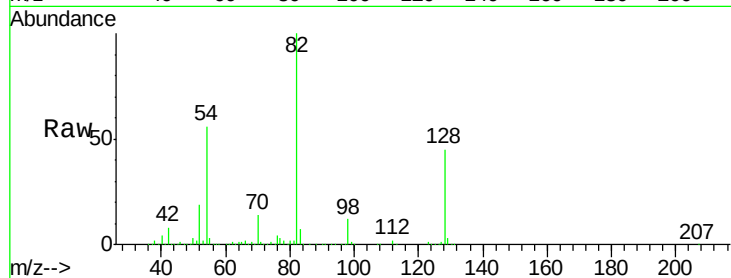
Tot Ion: 82 Resp: 1113529

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

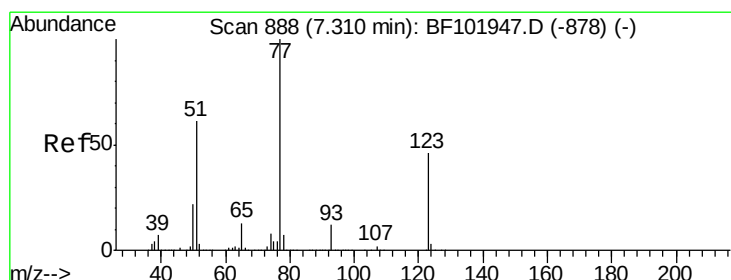
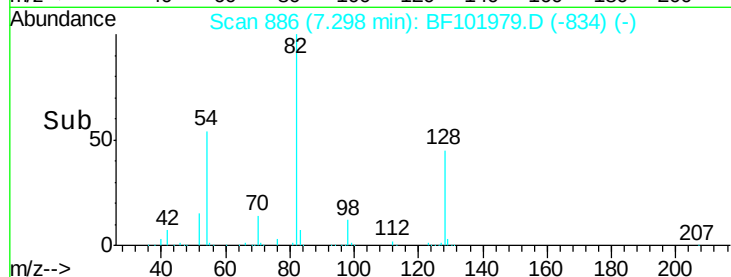
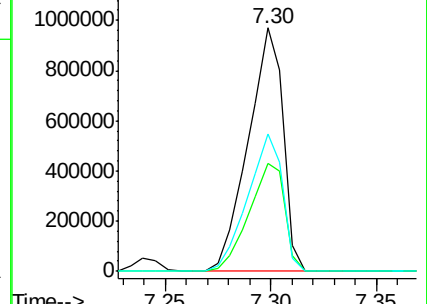
54 56.2 41.4 62.2



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: 39.609 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

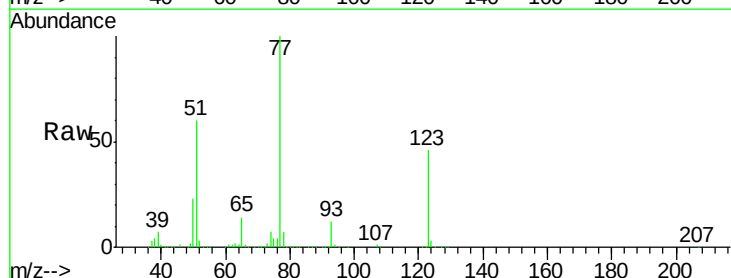
Tgt Ion: 77 Resp: 593720

Ion Ratio Lower Upper

77 100

123 45.8 37.9 56.9

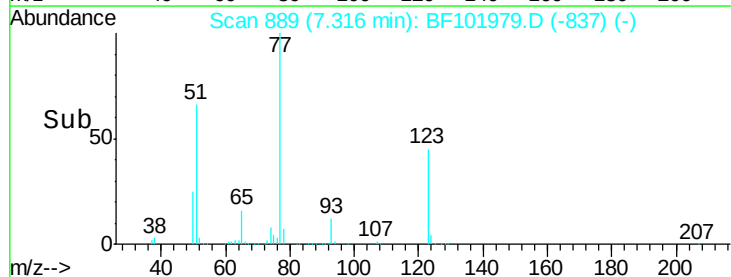
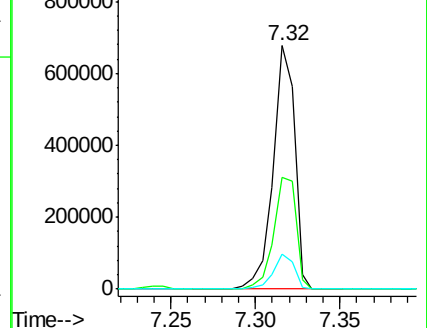
65 14.2 11.0 16.4

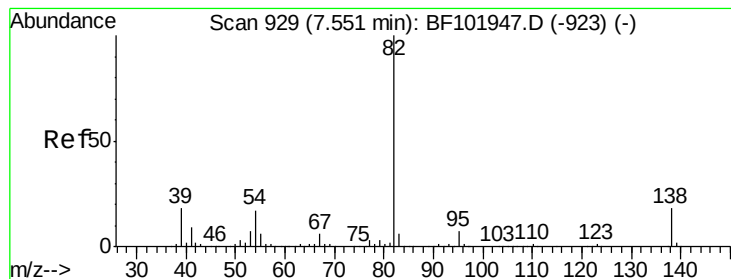


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.310 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

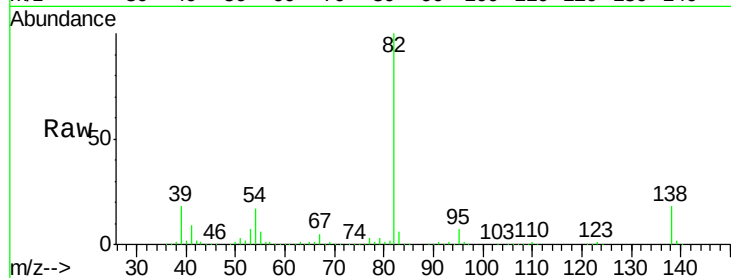
Tot Ion: 82 Resp: 1028392

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

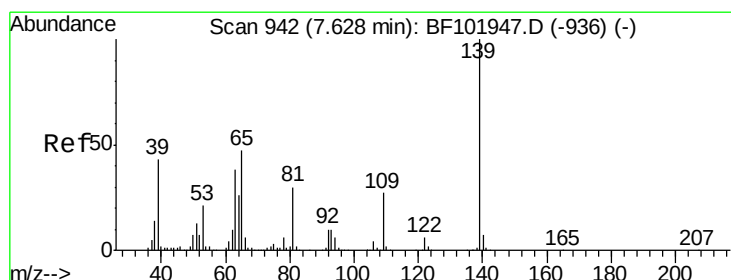
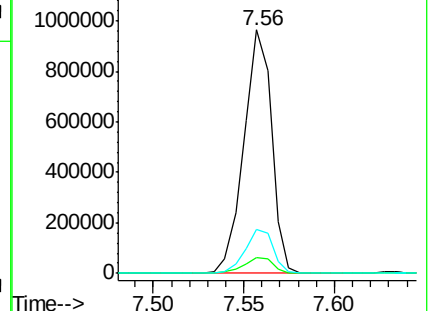
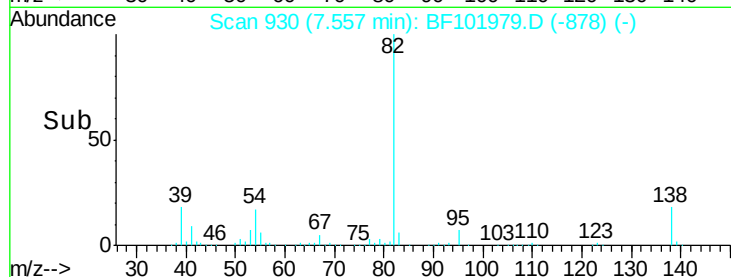
138 18.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.204 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

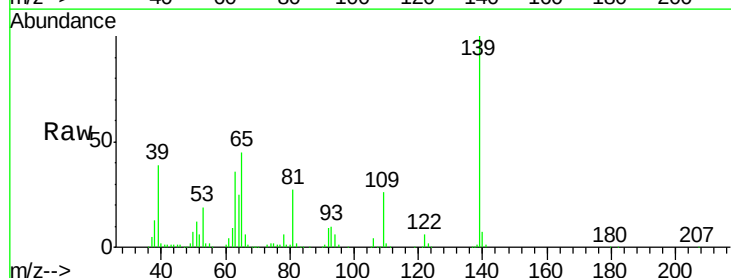
Tgt Ion: 139 Resp: 289876

Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

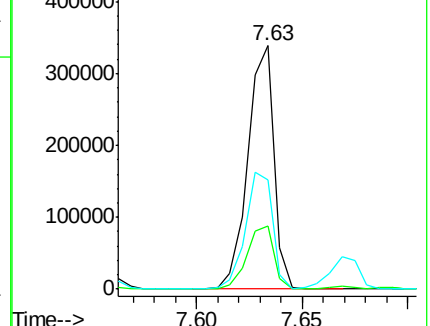
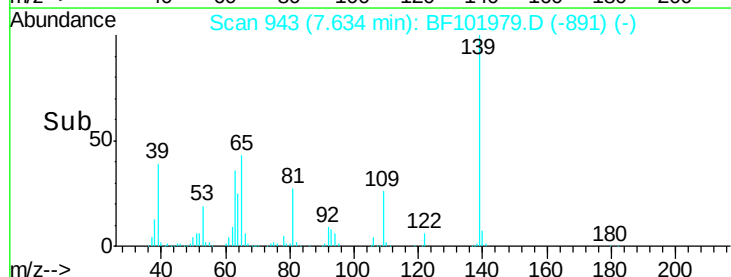
65 44.6 40.5 60.7

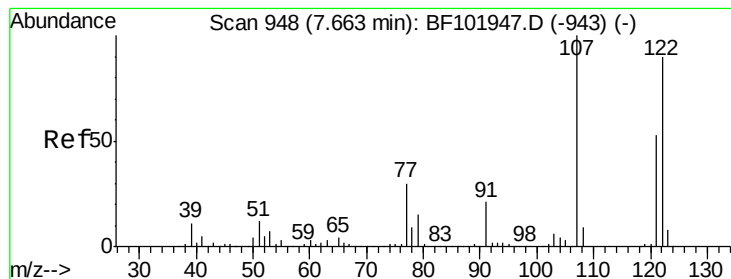


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.582 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

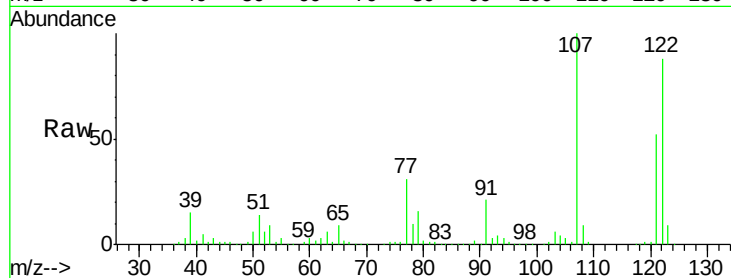
Tot Ion:122 Resp: 440345

Ion Ratio Lower Upper

122 100

107 113.2 91.2 136.8

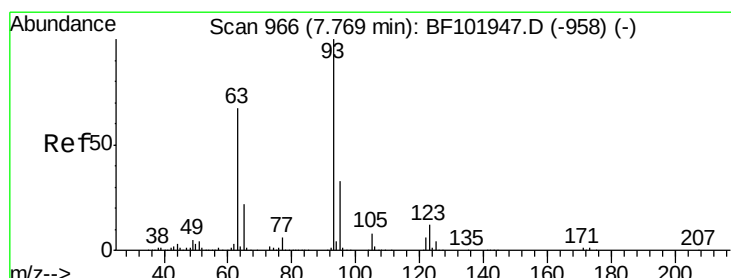
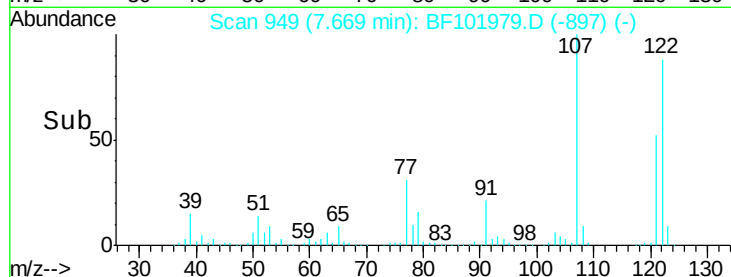
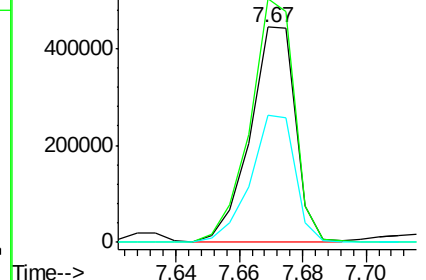
121 58.8 47.2 70.8



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: 37.200 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

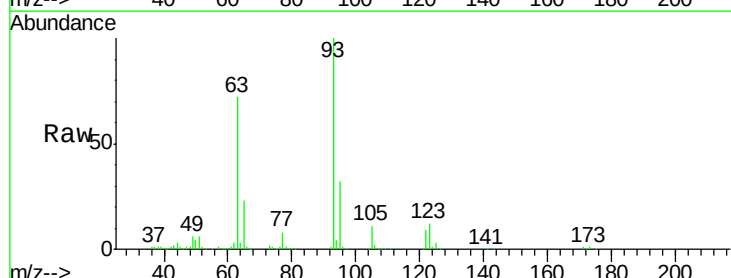
Tgt Ion: 93 Resp: 619112

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

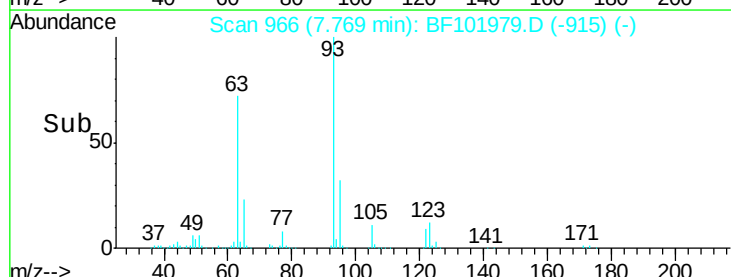
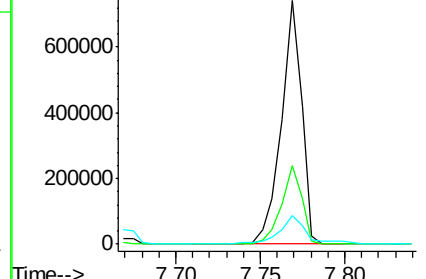
123 11.9 9.8 14.6

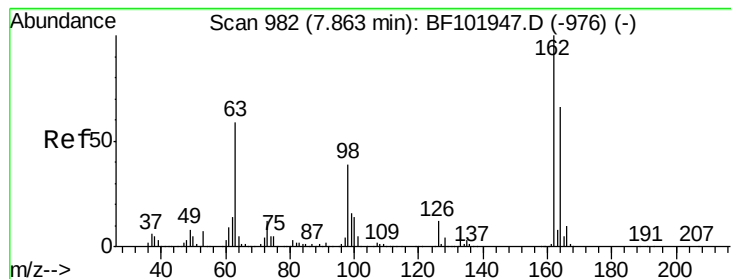


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.929 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

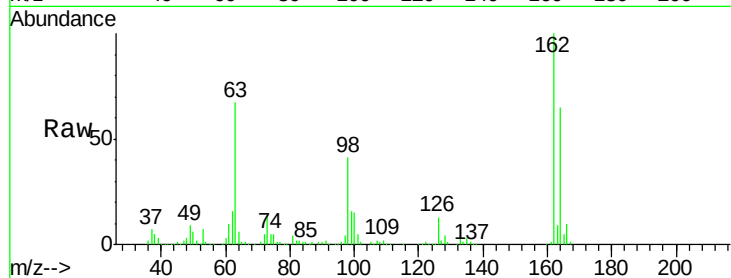
Tot Ion:162 Resp: 433107

Ion Ratio Lower Upper

162 100

164 64.8 42.7 82.7

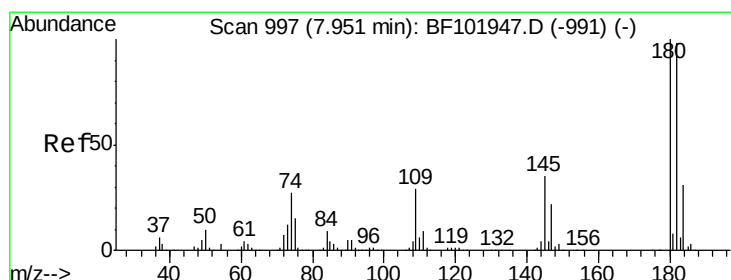
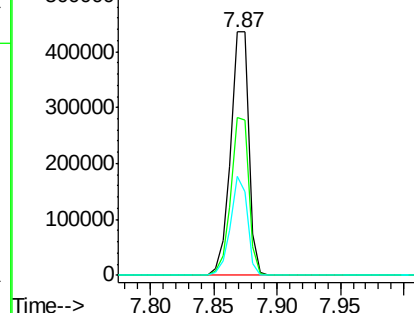
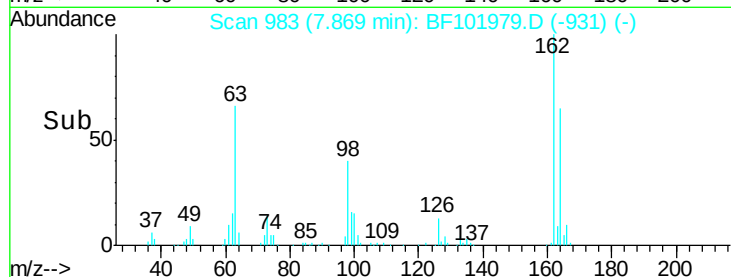
98 40.5 18.1 58.1



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: 39.013 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

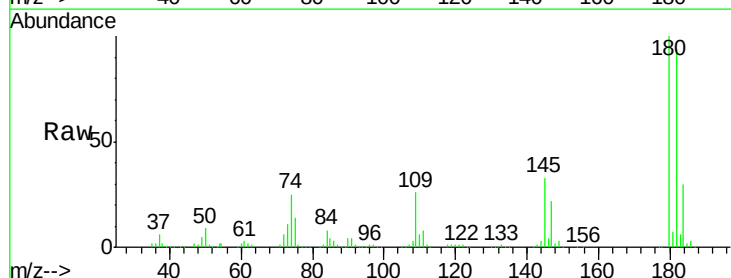
Tgt Ion:180 Resp: 454005

Ion Ratio Lower Upper

180 100

182 94.2 76.8 115.2

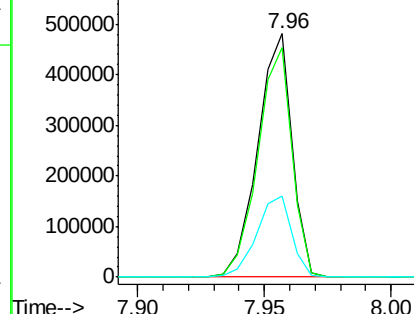
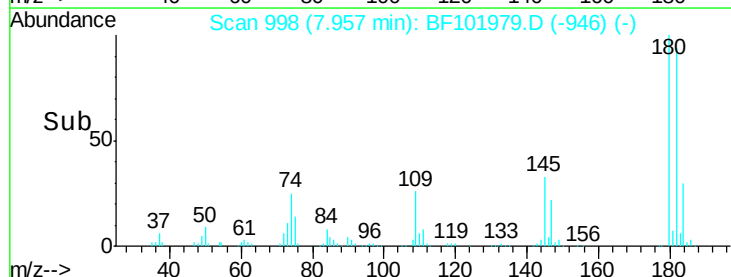
145 33.1 26.5 39.7

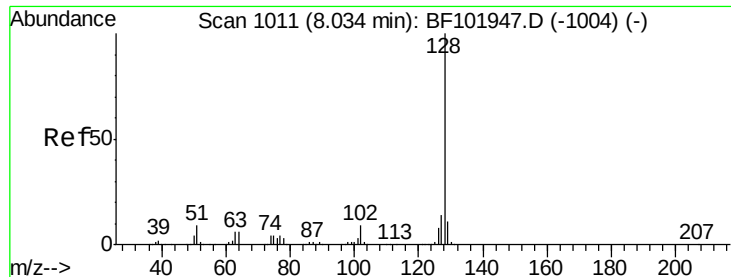


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

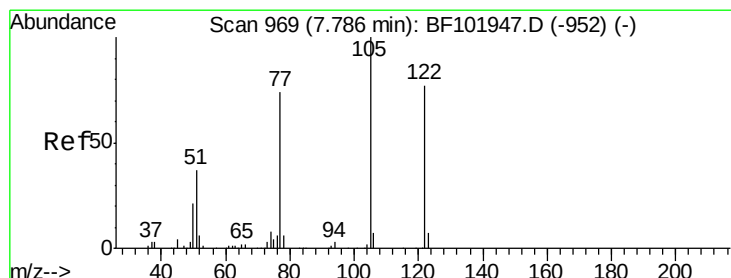
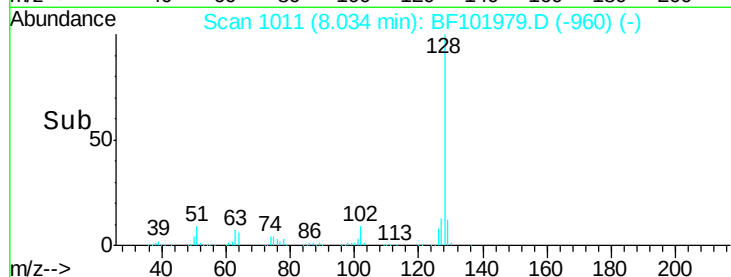
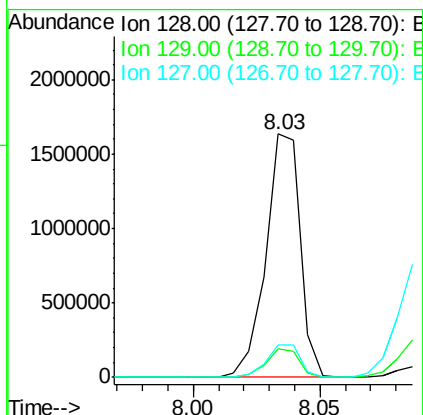
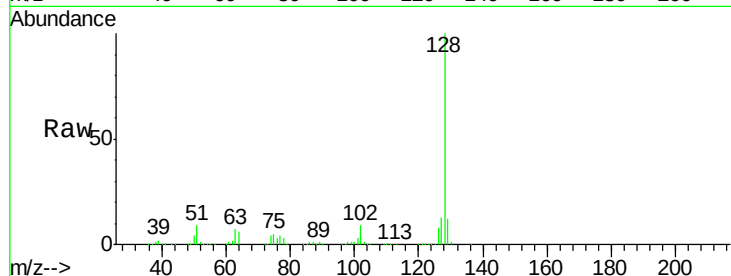




#31
Naphthalene
Concen: 37.897 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

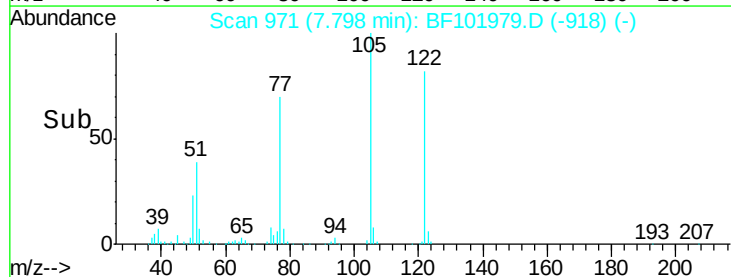
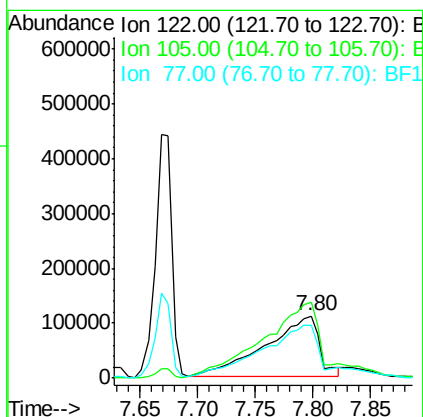
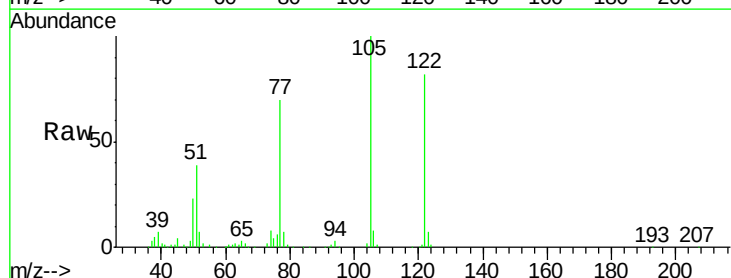
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

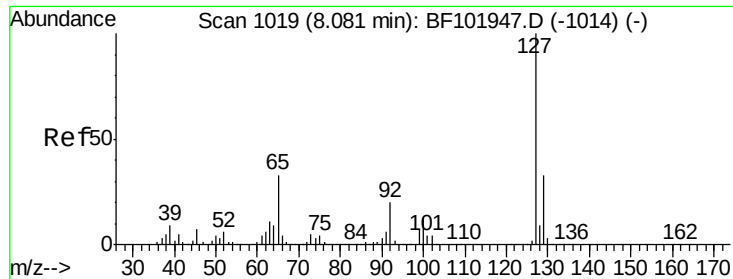
Tot Ion:128 Resp: 1552295
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 39.835 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion:122 Resp: 353932
Ion Ratio Lower Upper
122 100
105 122.5 101.1 141.1
77 86.2 70.7 110.7

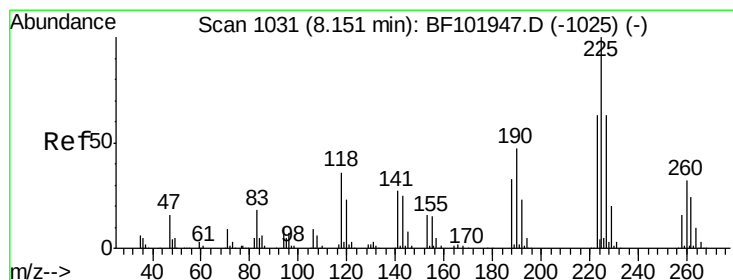
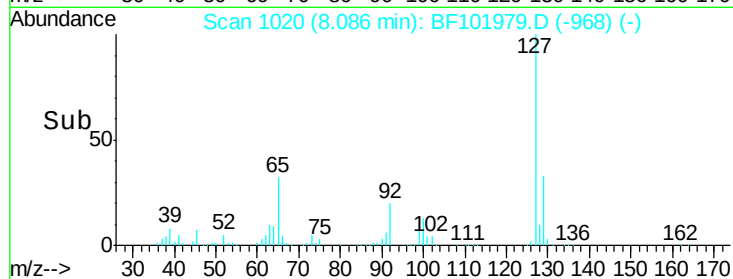
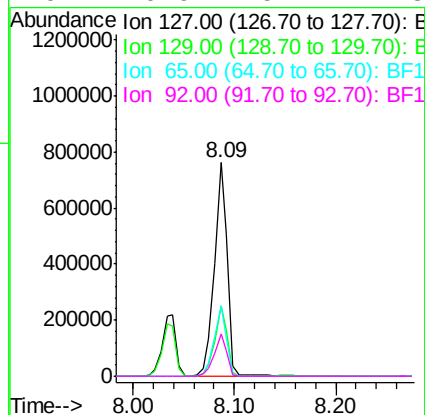
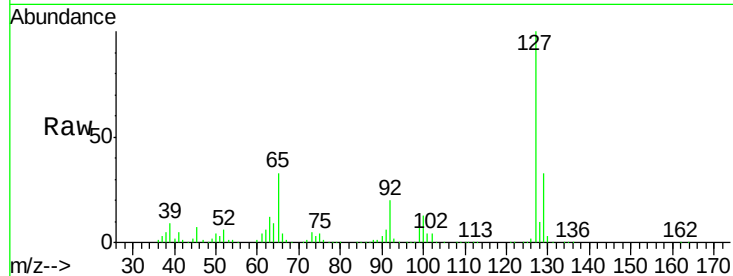




#33
4-Chloroaniline
Concen: 38.356 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

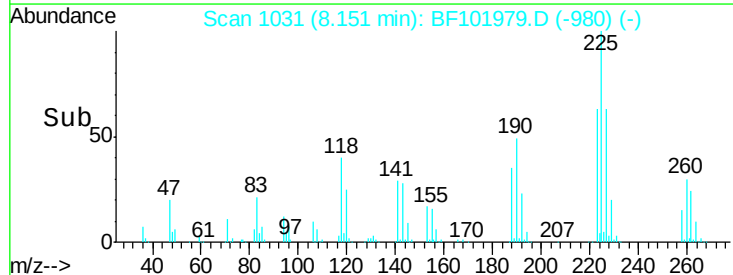
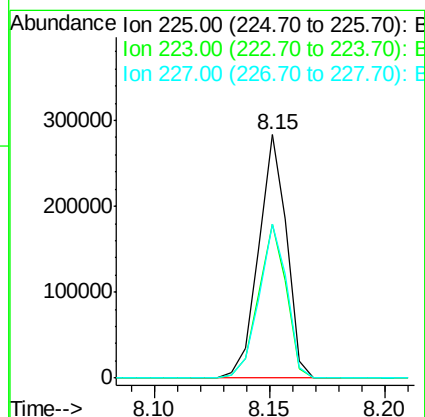
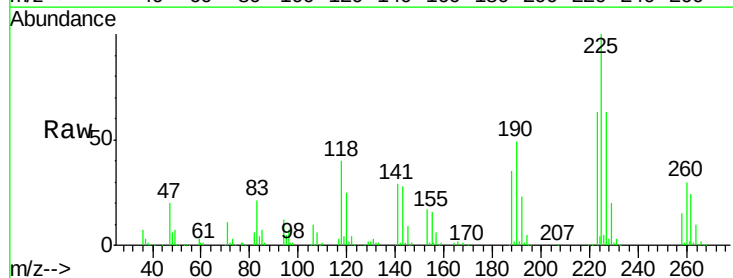
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

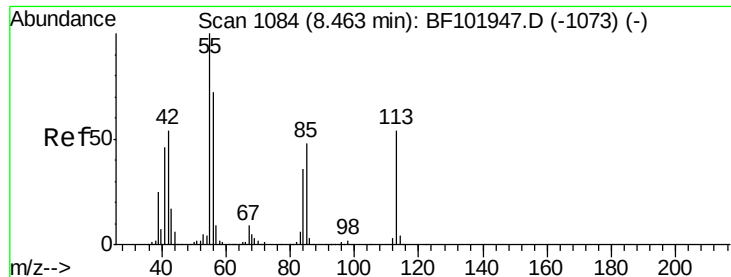
Tot Ion:	127	Resp:	670569
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	32.8	25.0	37.4
92	19.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.831 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion:	225	Resp:	239195
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.0	51.9	77.9

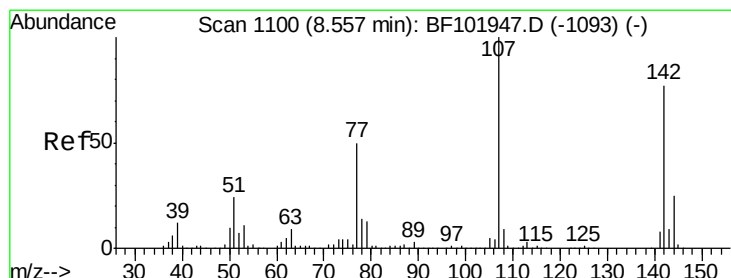
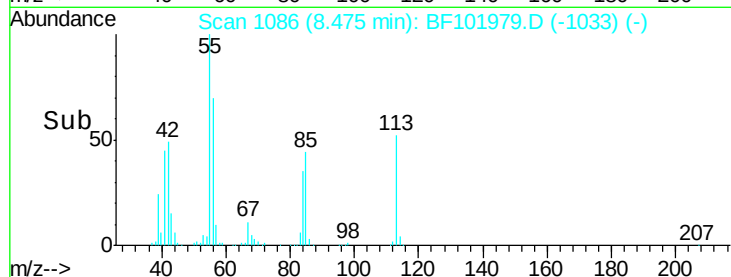
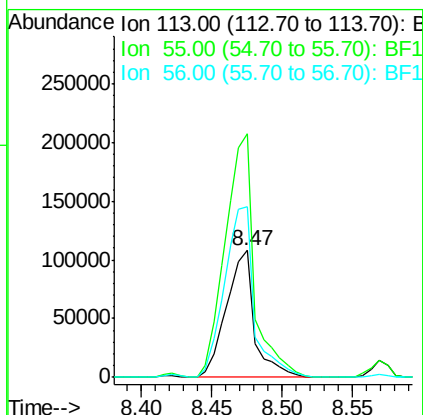
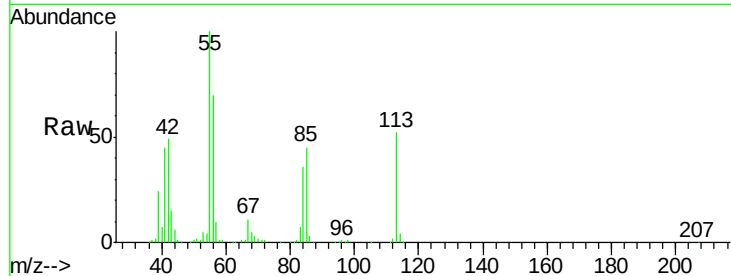




#35
 Caprolactam
 Concen: 39.330 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

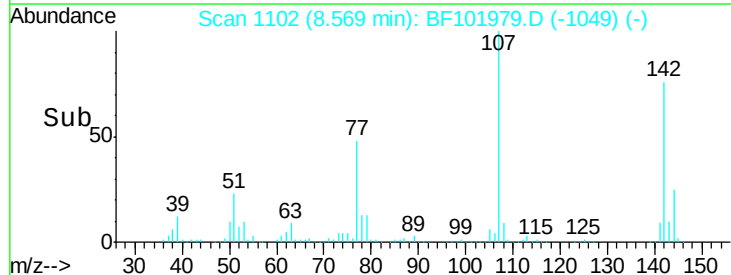
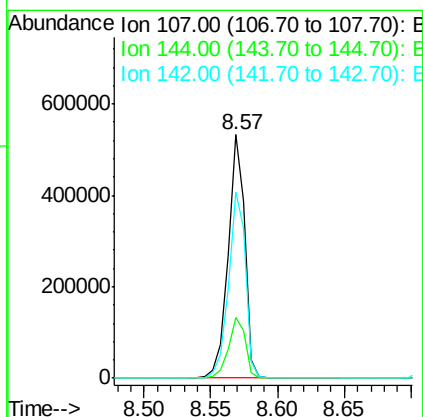
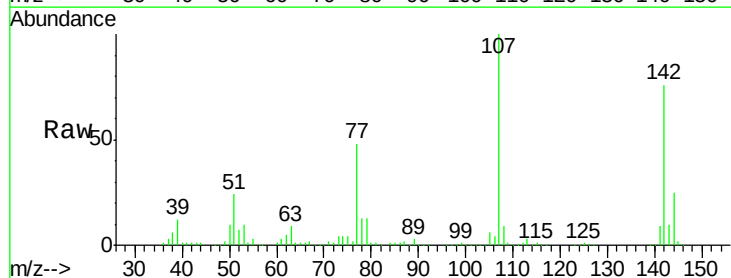
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

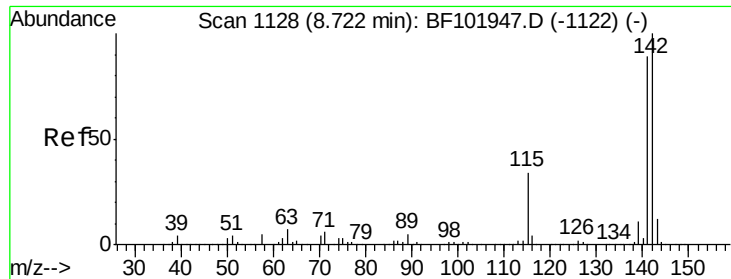
Tot Ion:113 Resp: 150219
 Ion Ratio Lower Upper
 113 100
 55 192.1 163.3 203.3
 56 134.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.507 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion:107 Resp: 468954
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 76.4 62.0 93.0

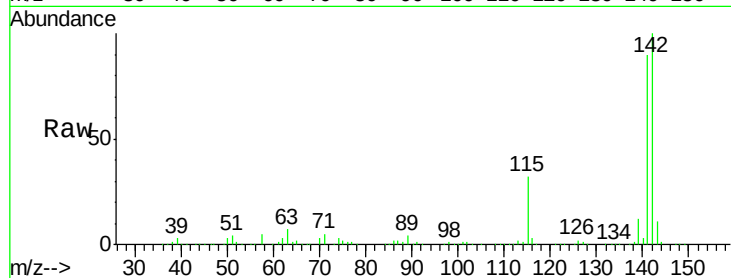




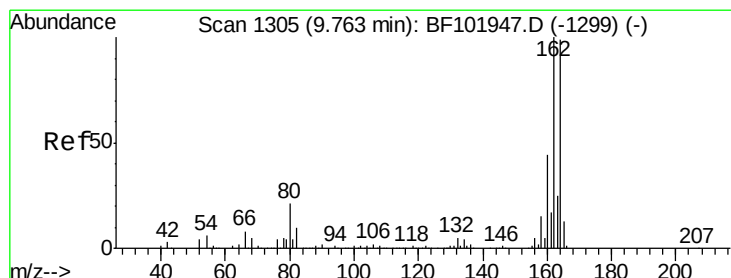
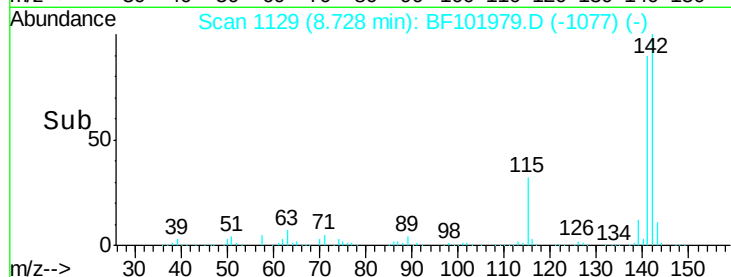
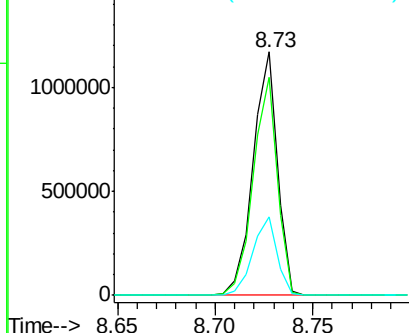
#37
2-Methylnaphthalene
Concen: 37.484 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 1010787
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2
115 32.5 26.1 39.1

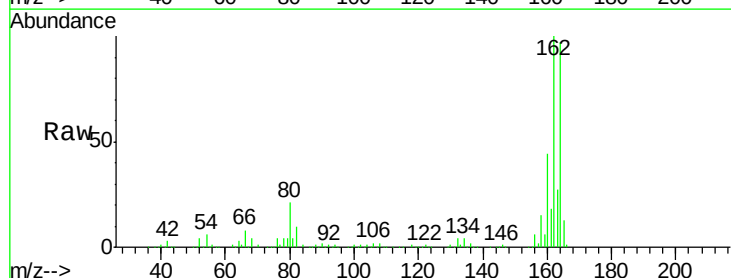


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

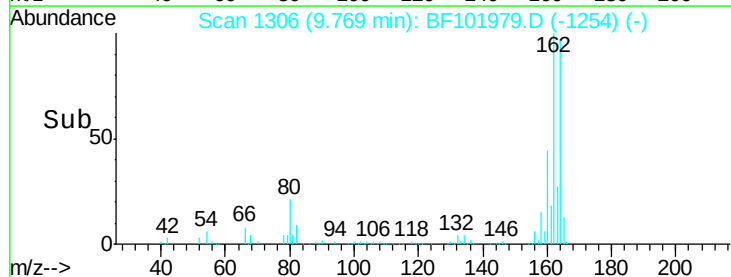
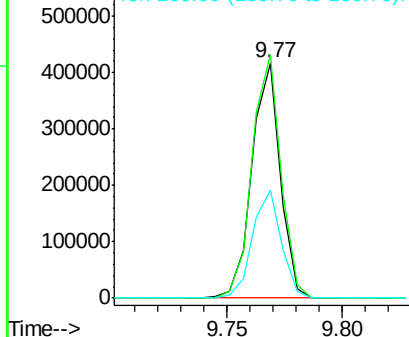


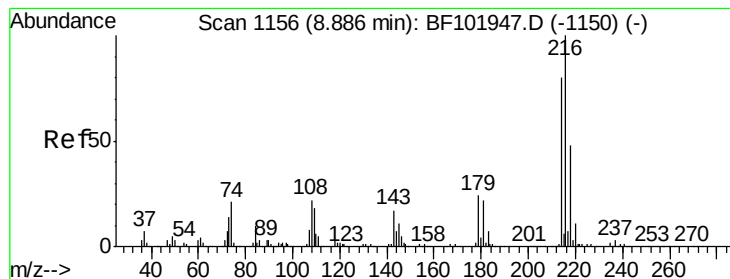
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion:164 Resp: 357780
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 45.7 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.510 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 399919

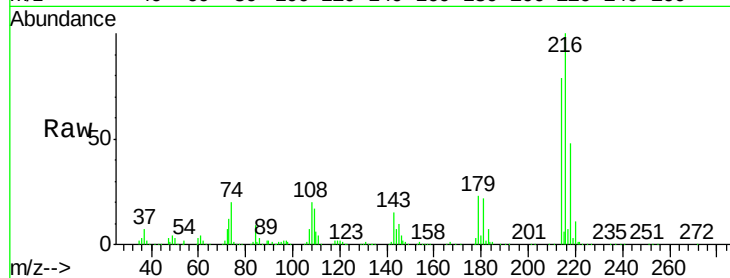
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.1 18.1 27.1

108 23.7 17.2 25.8

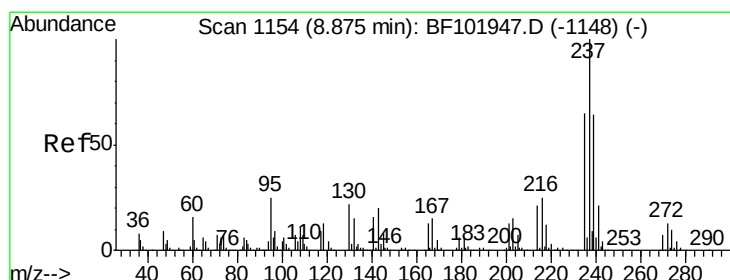
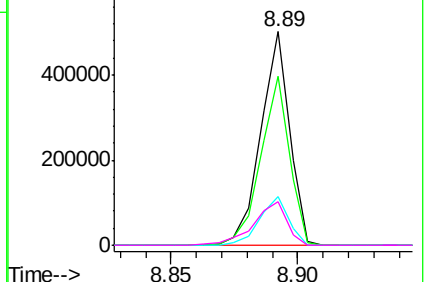
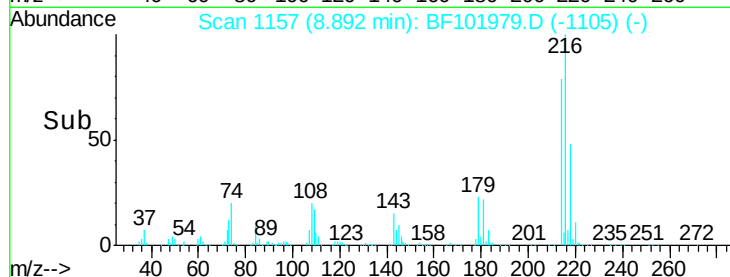


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.262 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

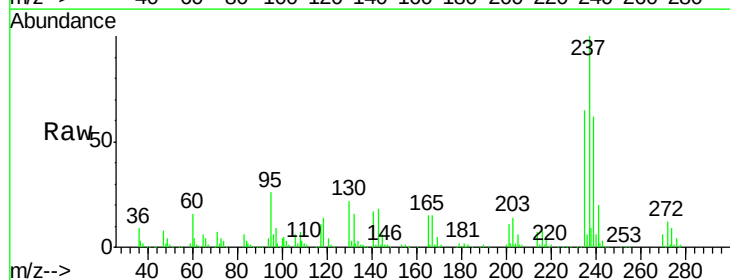
Tgt Ion:237 Resp: 239478

Ion Ratio Lower Upper

237 100

235 64.9 44.8 84.8

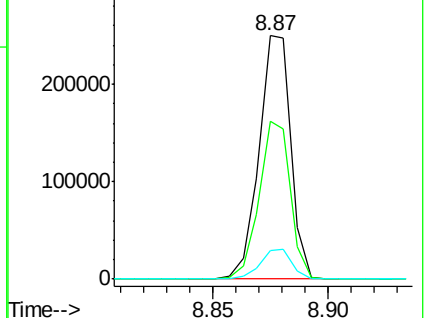
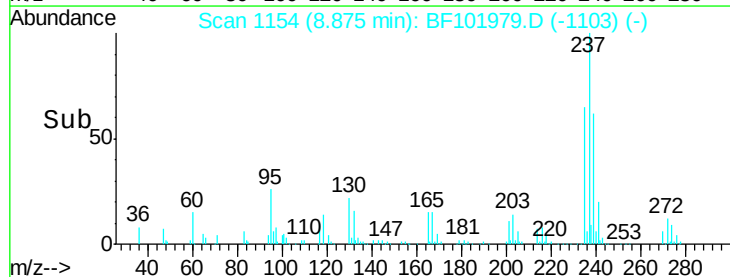
272 11.7 0.0 33.3

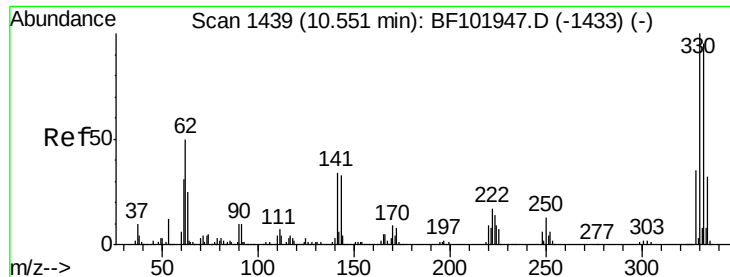


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

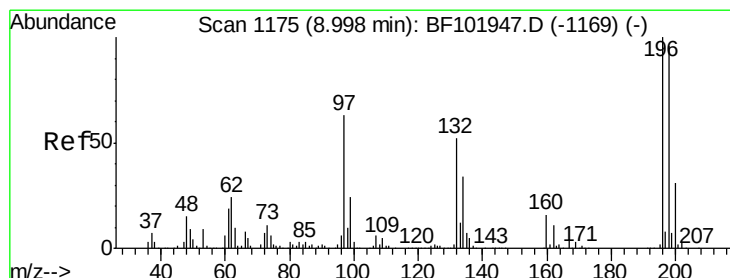
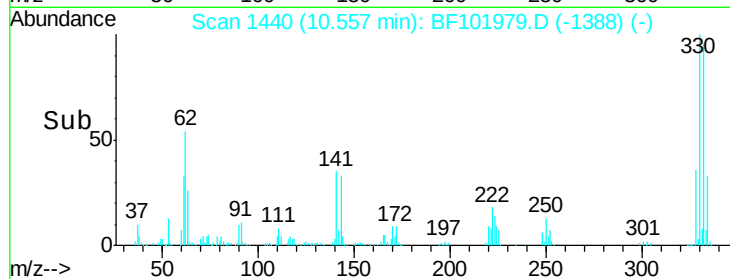
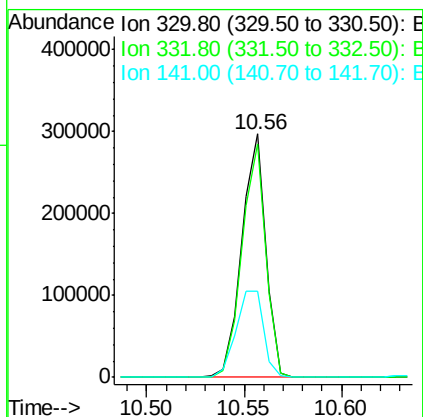
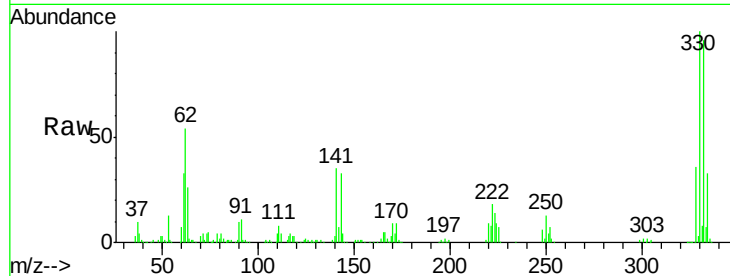




#41
 2,4,6-Tribromophenol
 Concen: 81.051 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

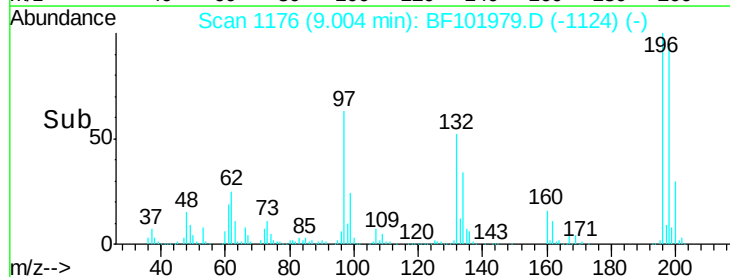
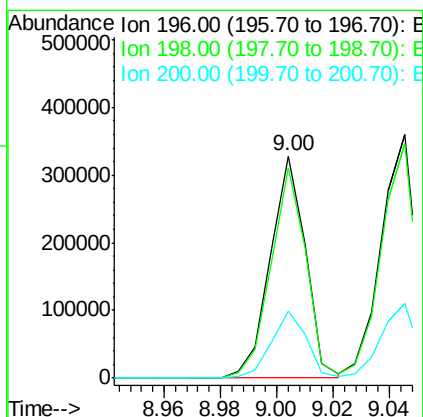
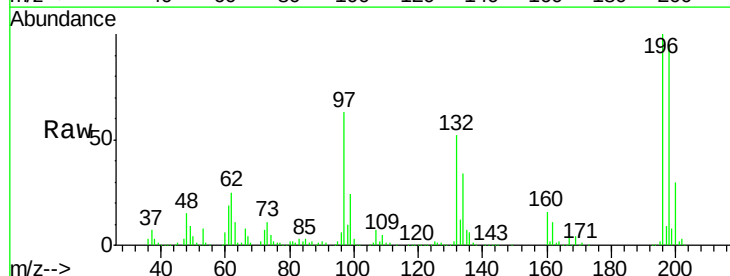
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

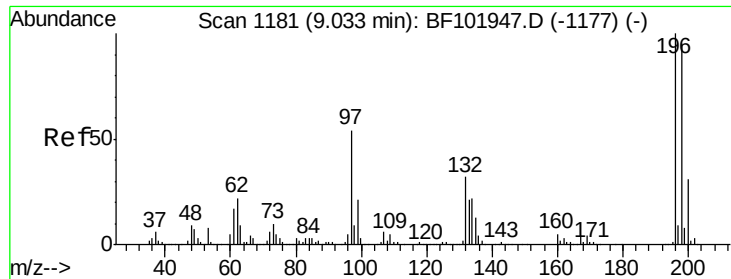
Tot Ion:330 Resp: 253066
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 40.5 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.646 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion:196 Resp: 283513
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 30.4 24.5 36.7

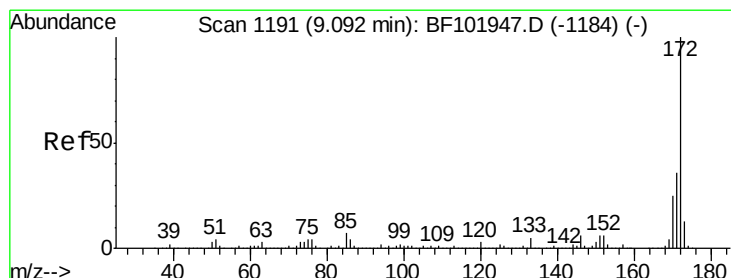
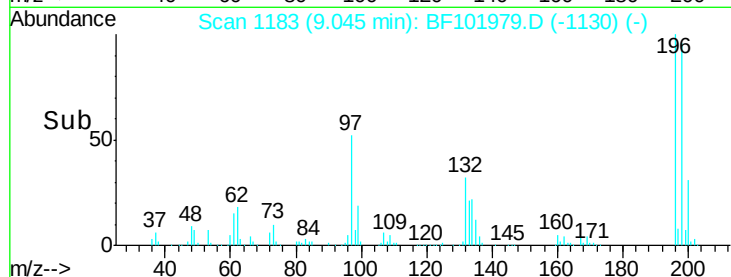
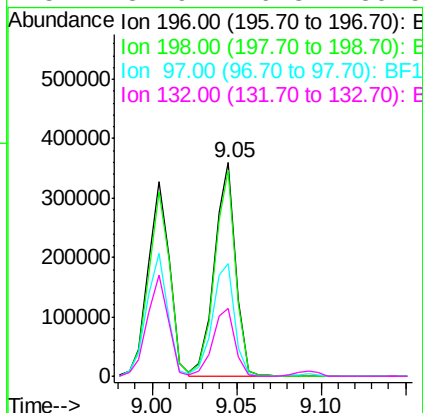
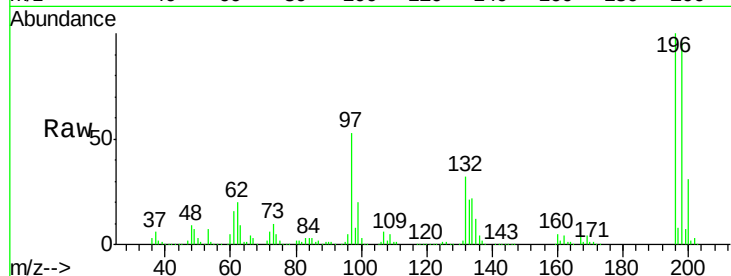




#43
 2,4,5-Trichlorophenol
 Concen: 40.082 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

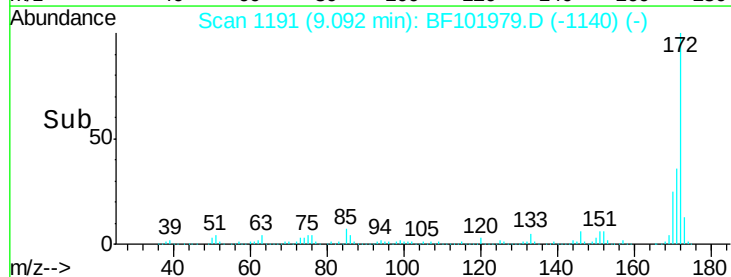
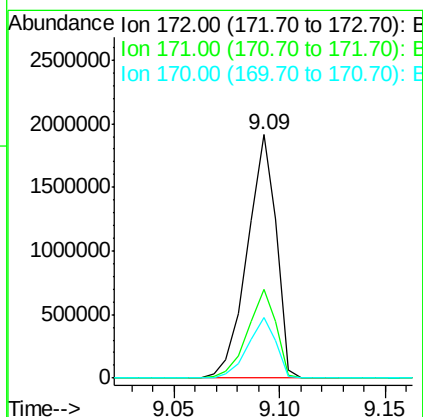
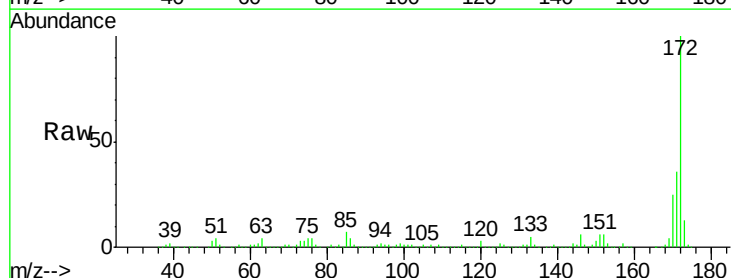
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

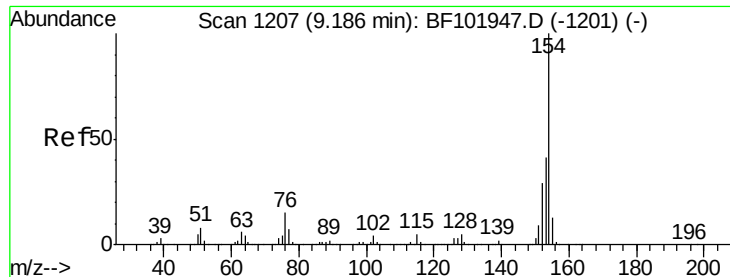
Tot Ion:	196	Resp:	315988
Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.6	112.0
97	52.6	42.9	64.3
132	31.9	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 79.300 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion:	172	Resp:	1816076
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.7	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.631 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

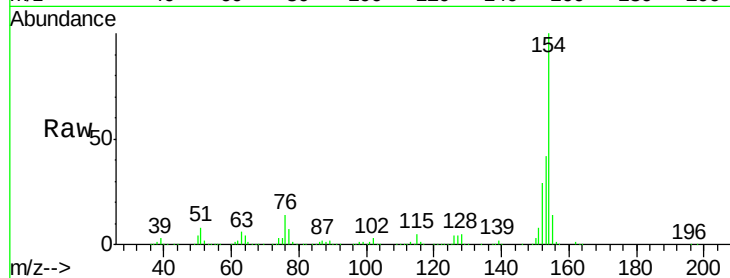
Tot Ion:154 Resp: 1190048

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

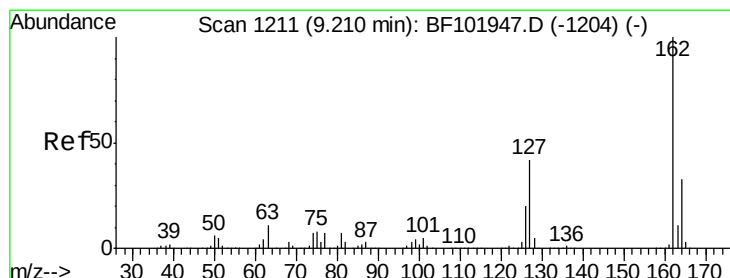
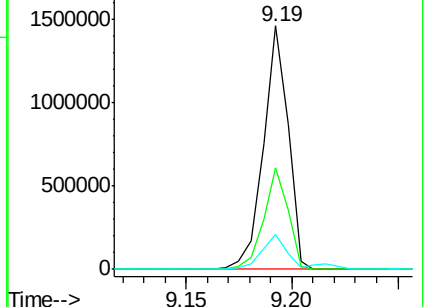
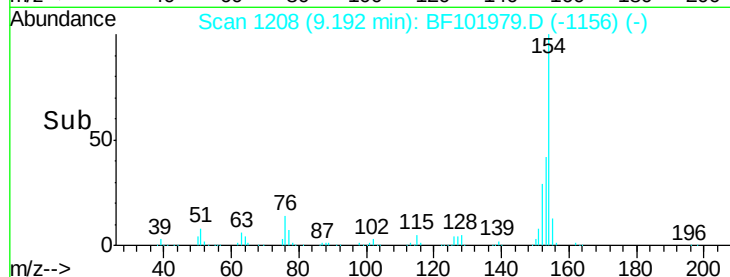
76 14.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.688 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

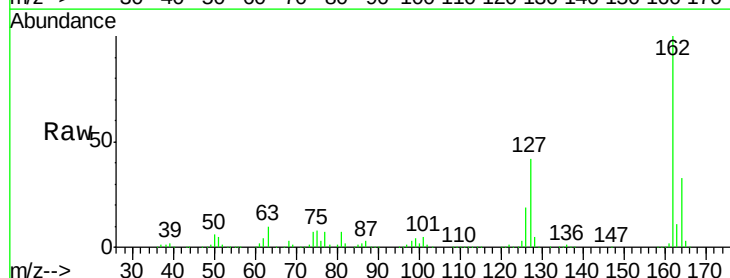
Tgt Ion:162 Resp: 948745

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

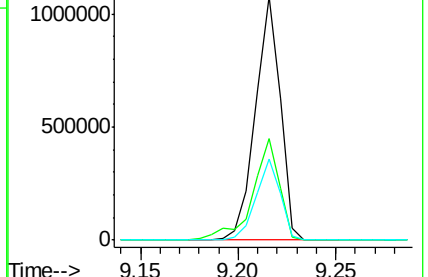
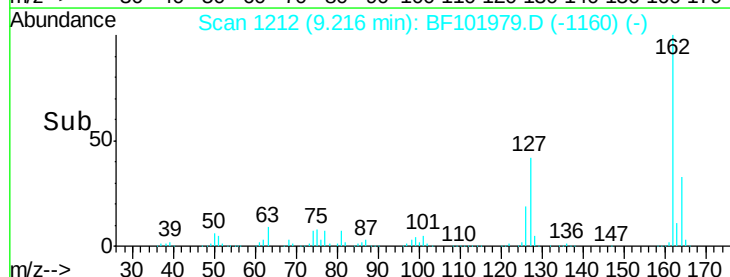
164 33.3 26.5 39.7

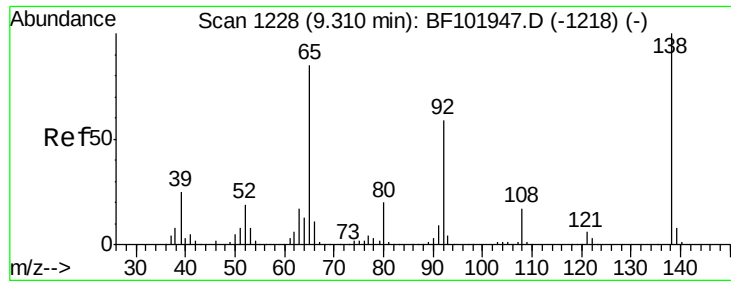


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

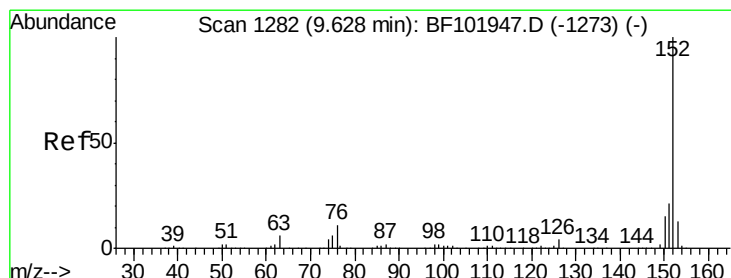
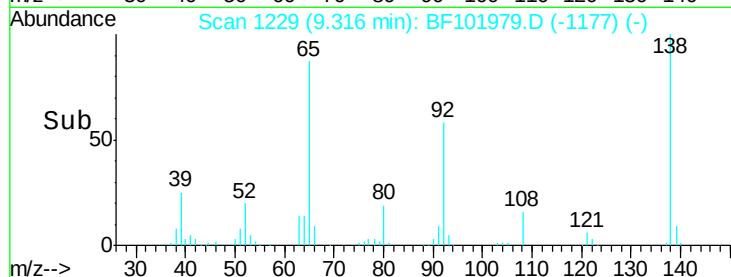
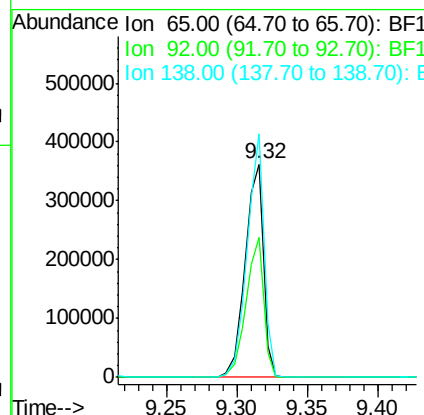
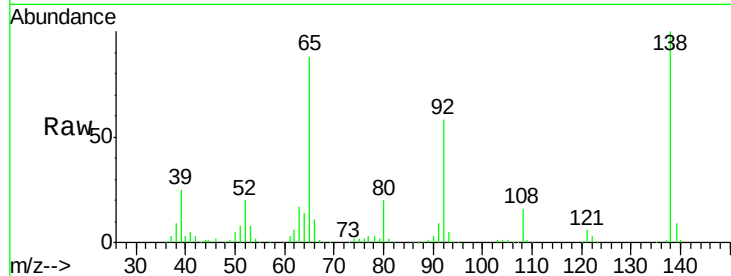




#47
2-Nitroaniline
Concen: 44.277 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

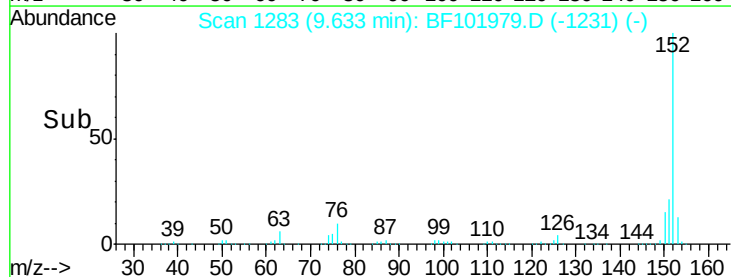
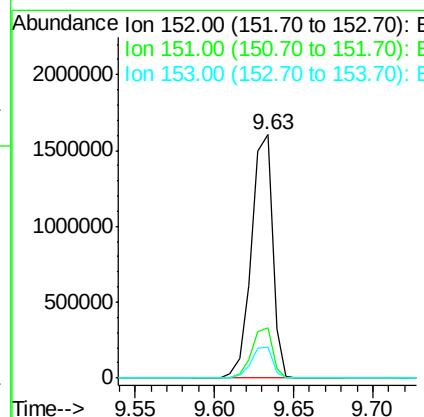
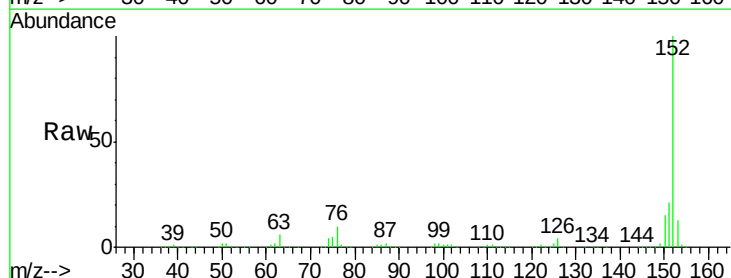
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

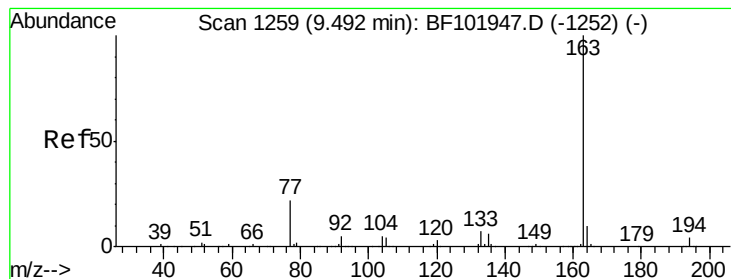
Tot Ion: 65 Resp: 325251
Ion Ratio Lower Upper
65 100
92 65.9 55.8 83.6
138 114.3 91.2 136.8



#48
Acenaphthylene
Concen: 38.198 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion: 152 Resp: 1486592
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 38.133 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

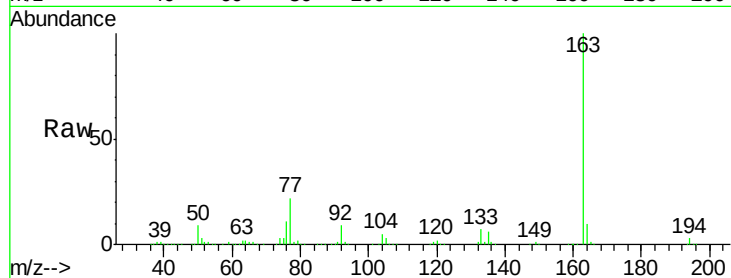
Tot Ion:163 Resp: 1094456

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

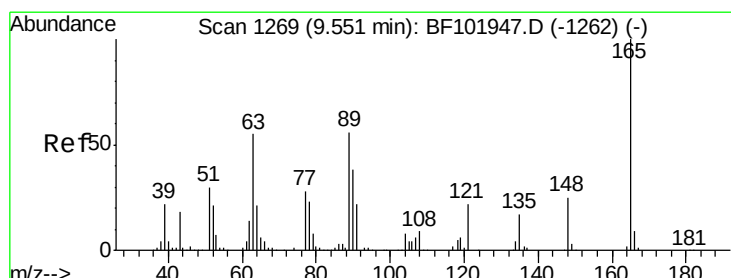
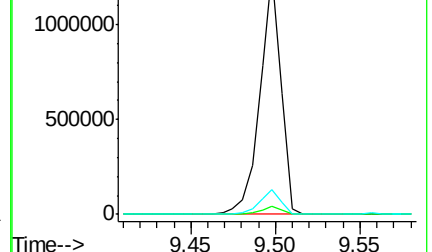
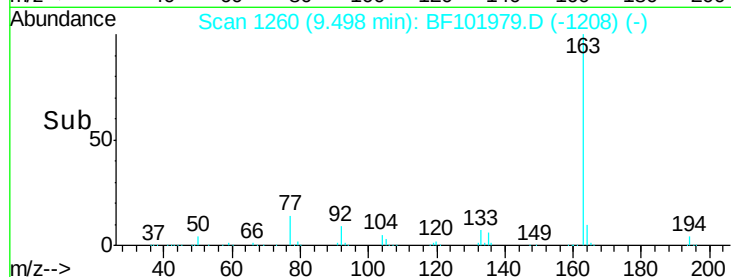
164 10.3 8.2 12.2



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: 41.993 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

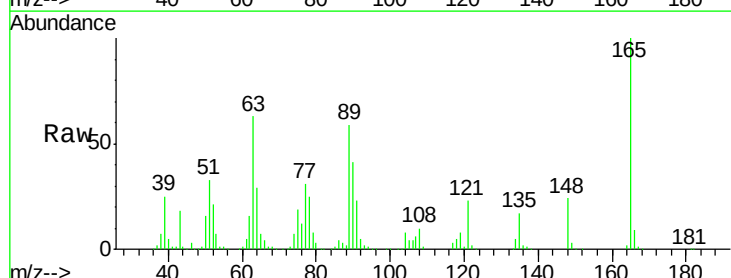
Tgt Ion:165 Resp: 240752

Ion Ratio Lower Upper

165 100

63 63.4 44.7 67.1

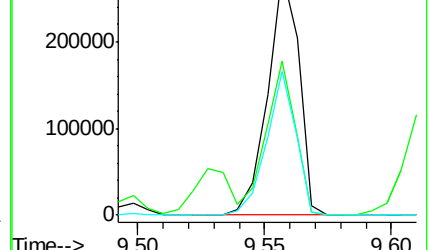
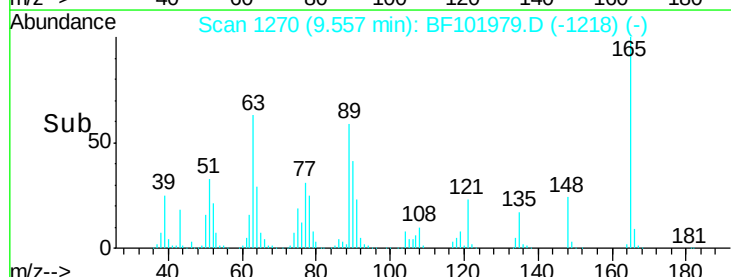
89 59.3 44.0 66.0

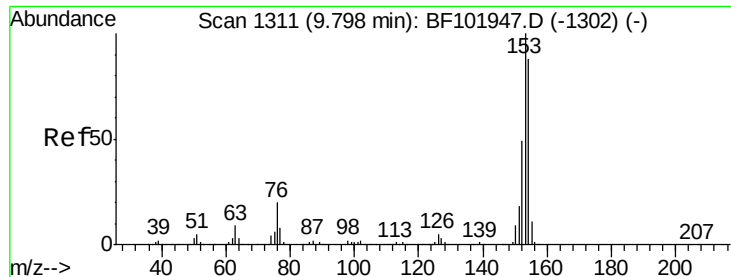


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.719 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

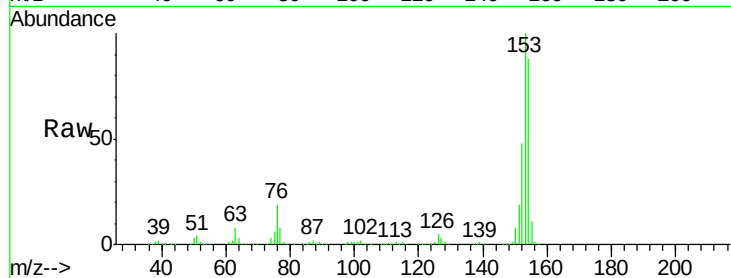
Tot Ion:154 Resp: 867358

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

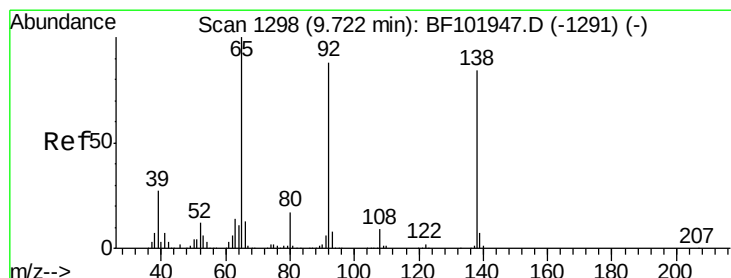
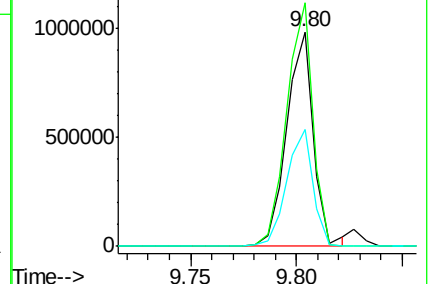
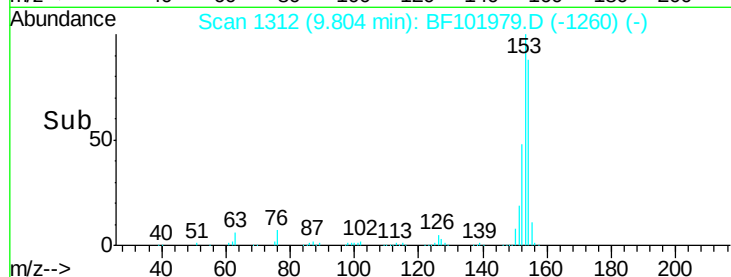
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.418 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

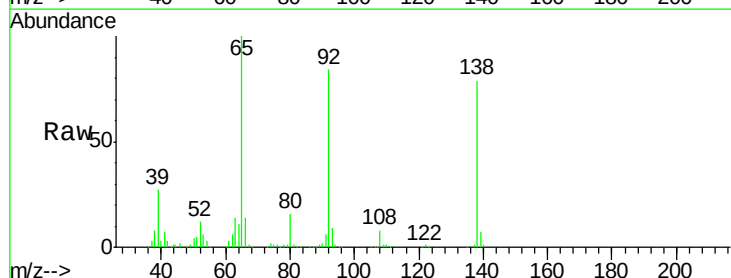
Tgt Ion:138 Resp: 299686

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

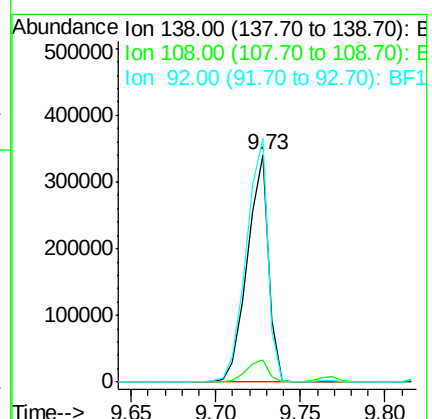
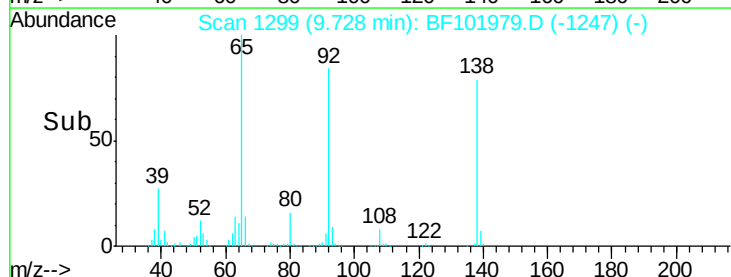
92 107.1 89.4 134.2

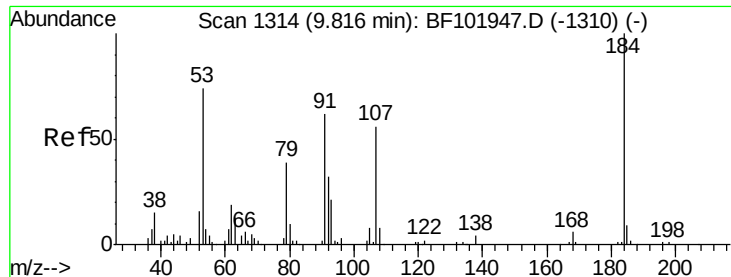


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

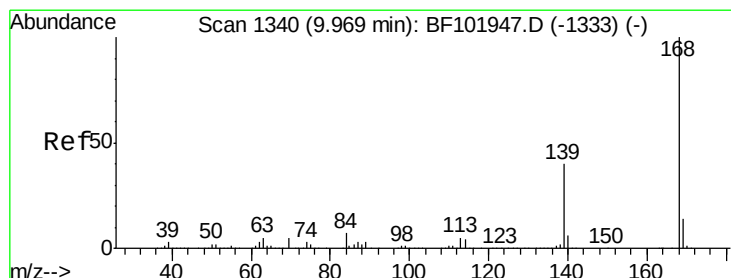
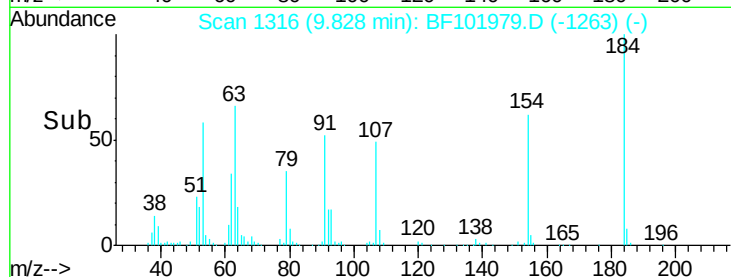
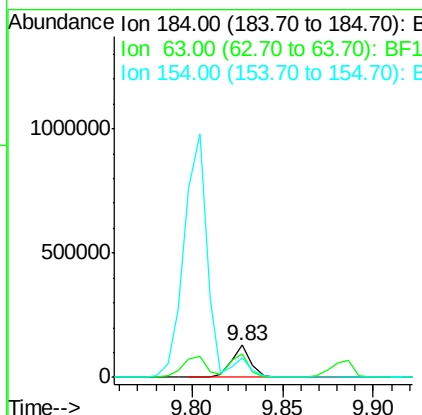
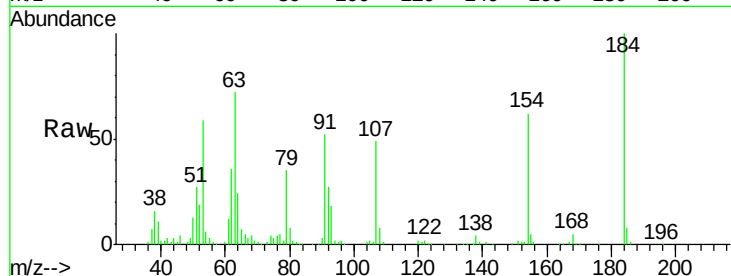




#53
2,4-Dinitrophenol
Concen: 47.568 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

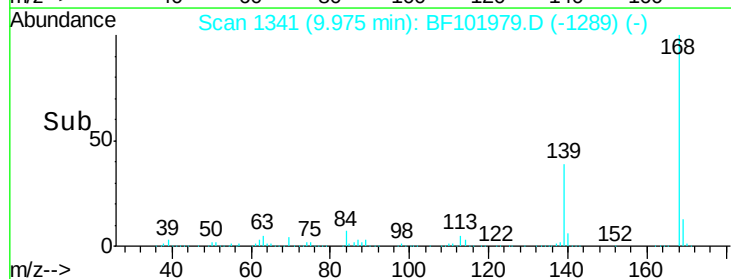
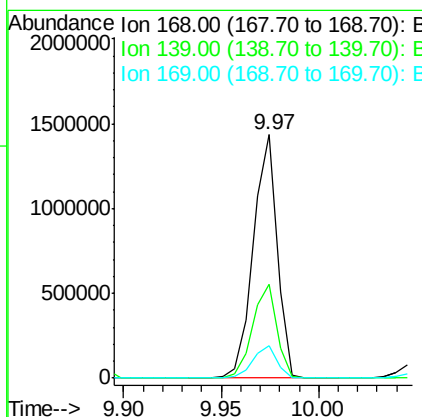
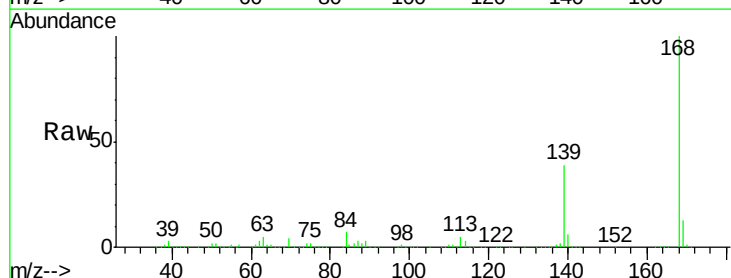
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

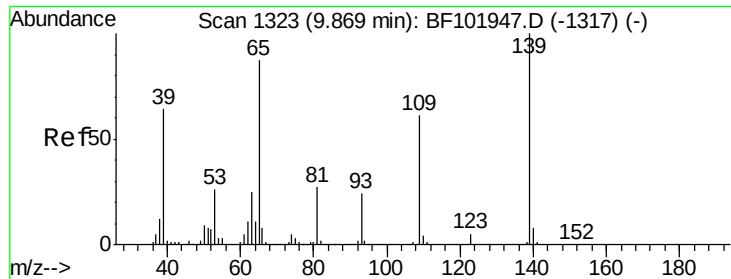
Tot Ion:184 Resp: 95597
Ion Ratio Lower Upper
184 100
63 71.7 54.2 81.2
154 61.8 184.0 276.0#



#54
Dibenzofuran
Concen: 37.561 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion:168 Resp: 1217697
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 13.3 10.9 16.3

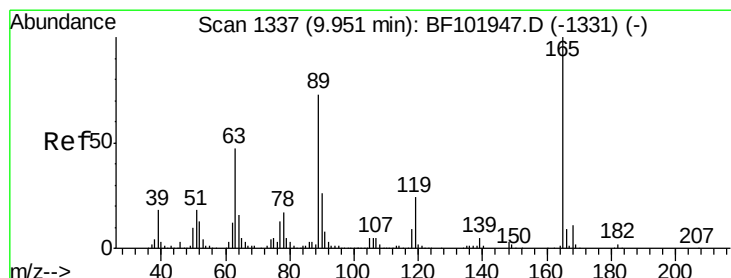
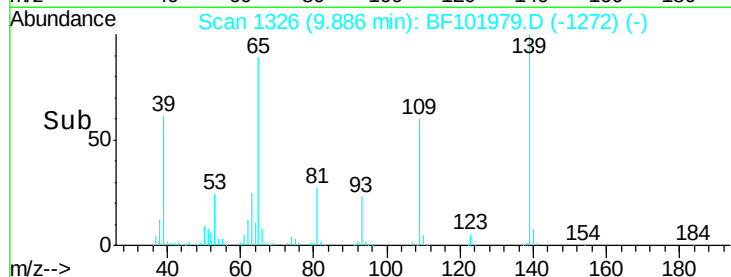
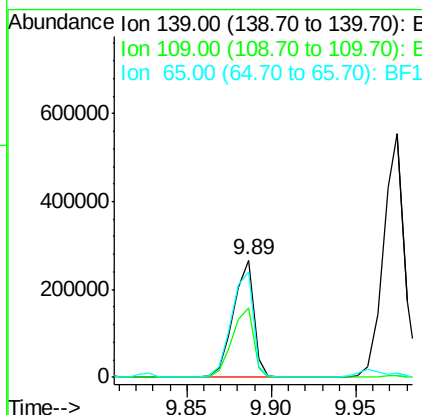
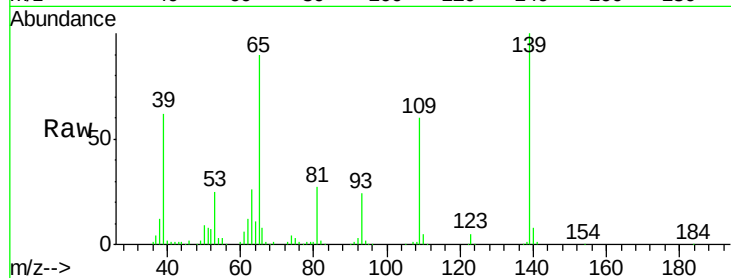




#55
4-Nitrophenol
Concen: 41.865 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

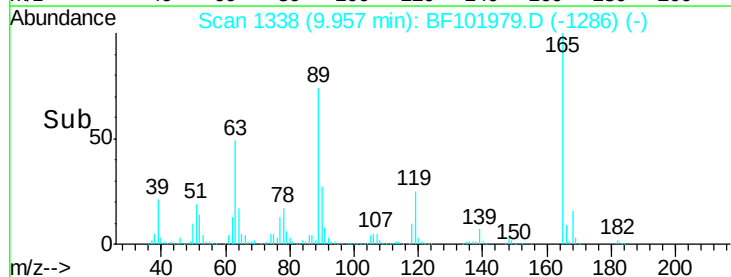
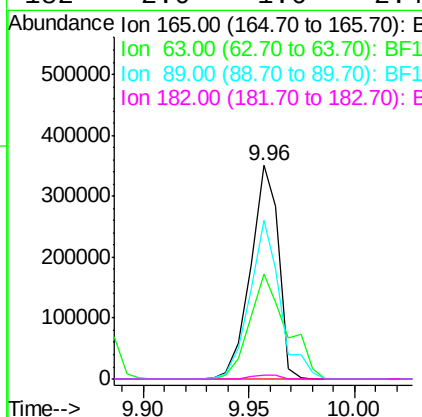
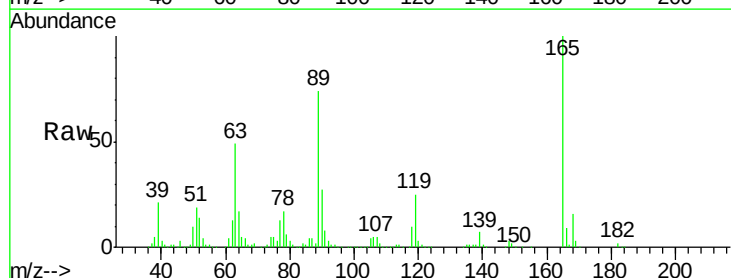
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

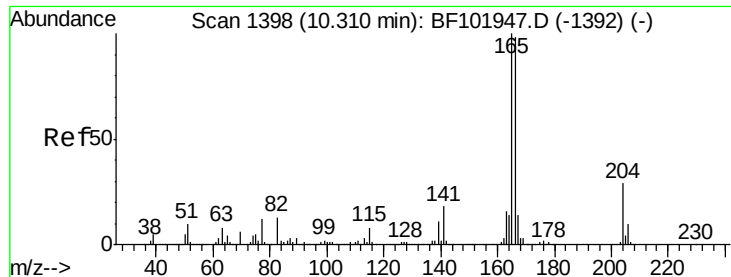
Tot Ion:139 Resp: 225745
Ion Ratio Lower Upper
139 100
109 59.9 48.4 88.4
65 89.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.625 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion:165 Resp: 320665
Ion Ratio Lower Upper
165 100
63 49.2 36.4 54.6
89 74.4 57.8 86.6
182 2.0 1.6 2.4

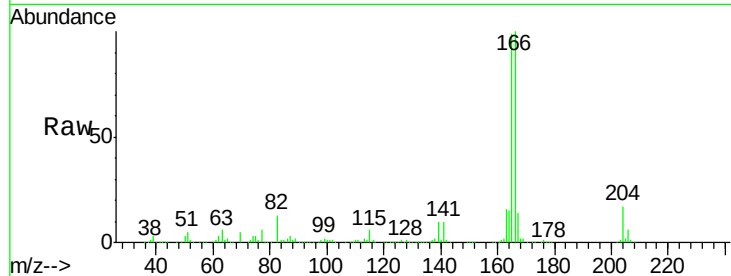




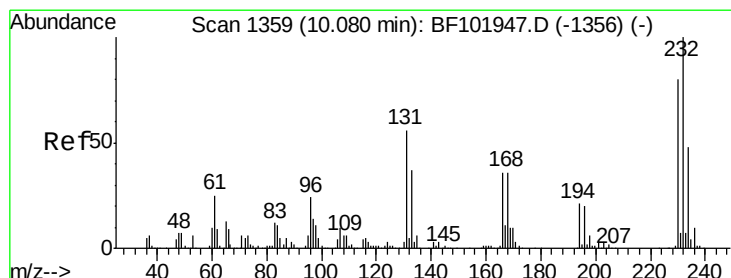
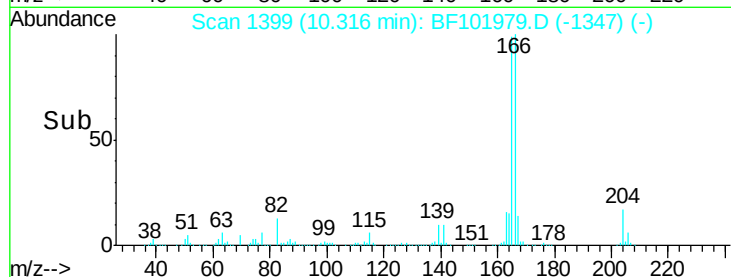
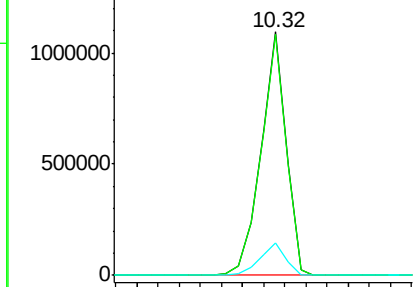
#57
Fluorene
 Concen: 40.340 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:166 Resp: 904053
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.6 10.6 16.0



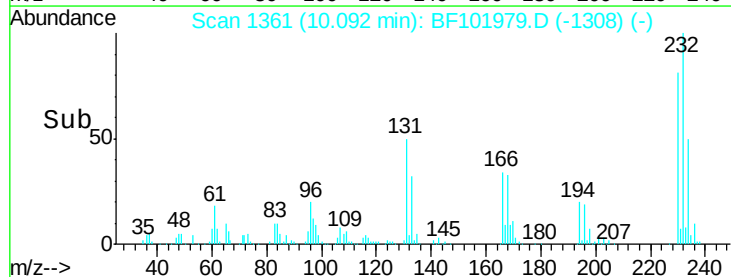
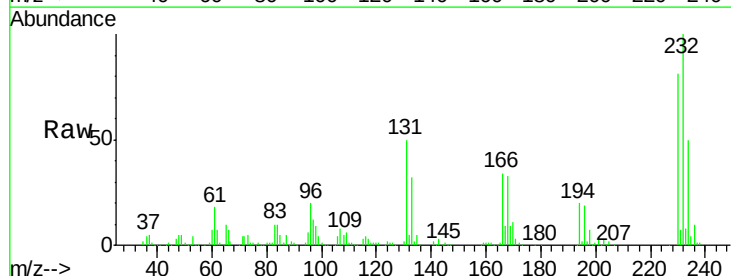
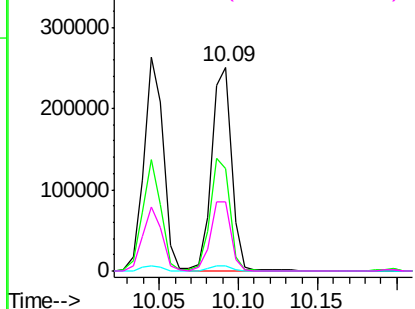
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

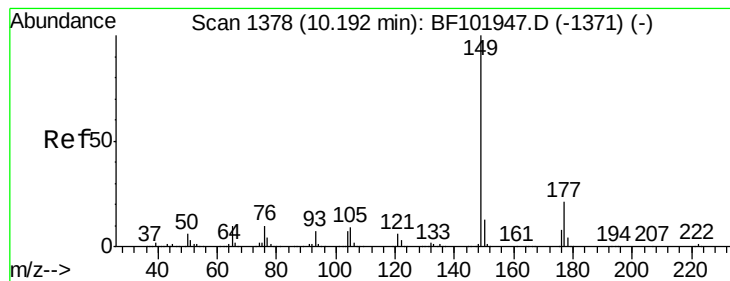


#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.526 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion:232 Resp: 221841
 Ion Ratio Lower Upper
 232 100
 131 54.3 43.8 65.8
 130 2.7 2.1 3.1
 166 34.6 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.020 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

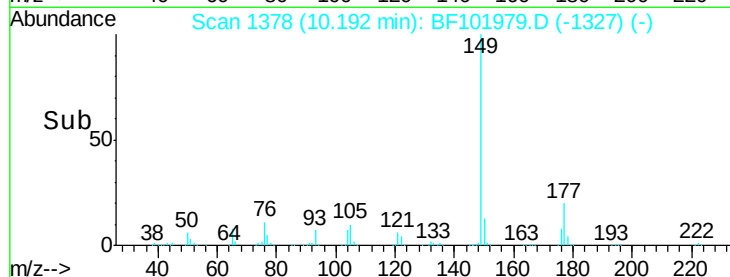
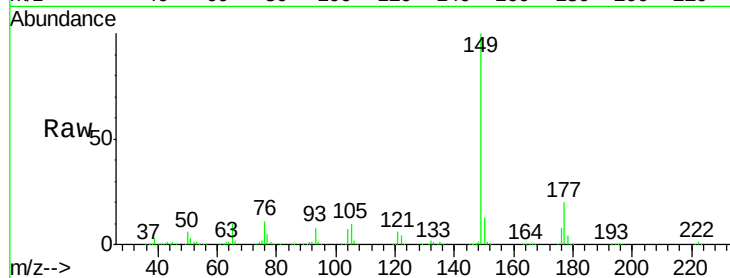
Tot Ion:149 Resp: 1085469

Ion Ratio Lower Upper

149 100

177 20.1 16.1 24.1

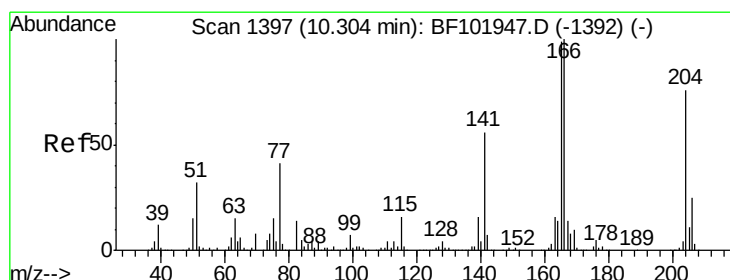
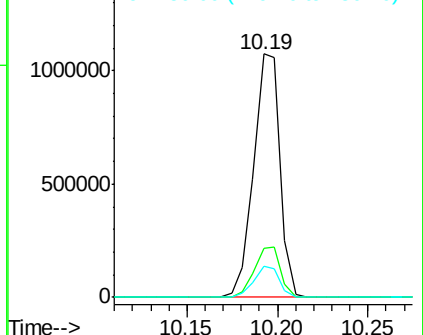
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.799 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

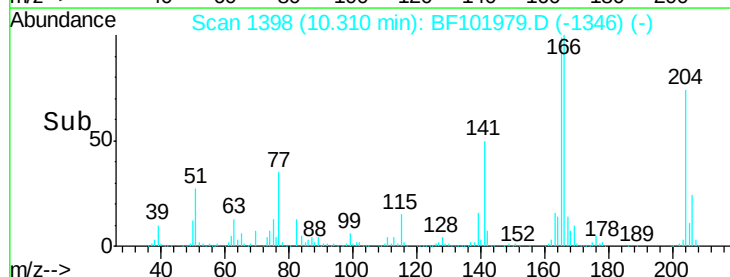
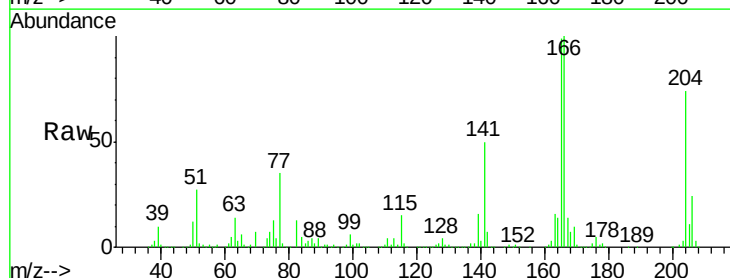
Tgt Ion:204 Resp: 389346

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

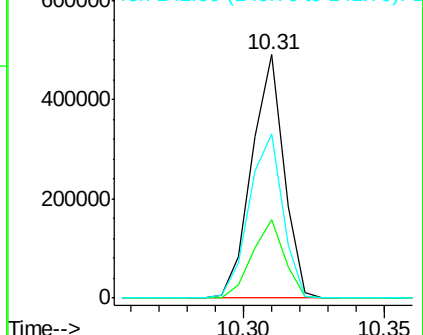
141 67.4 54.6 81.8

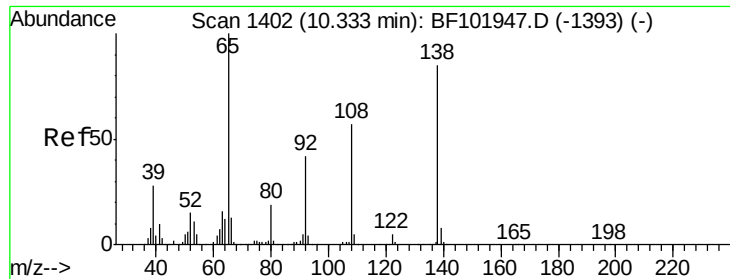


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.439 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

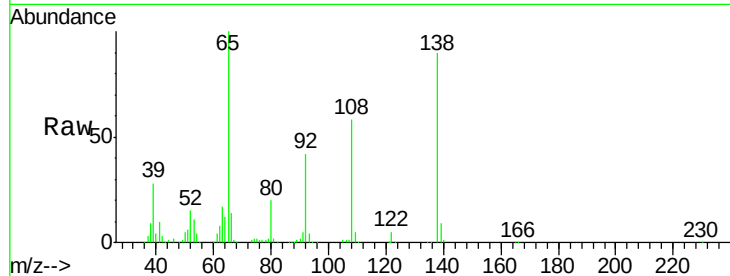
Tot Ion:138 Resp: 298289

Ion Ratio Lower Upper

138 100

92 47.4 30.2 70.2

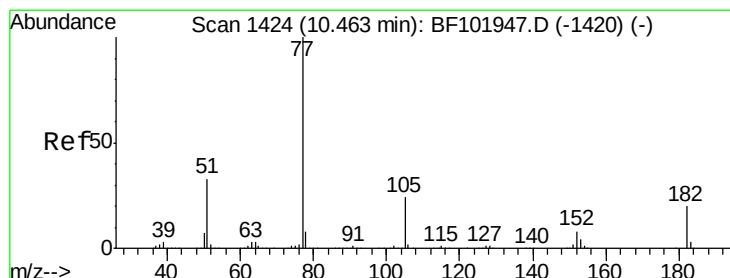
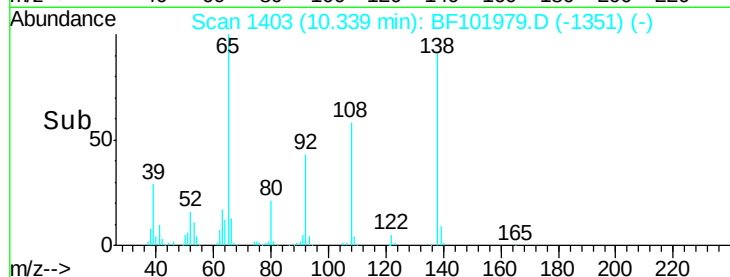
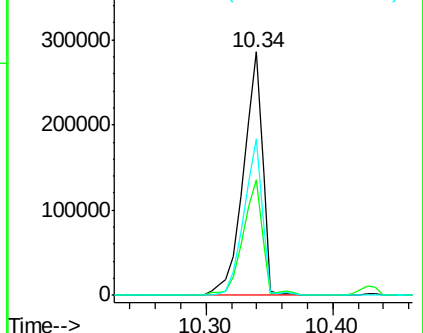
108 64.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.732 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Tgt Ion: 77 Resp: 1071802

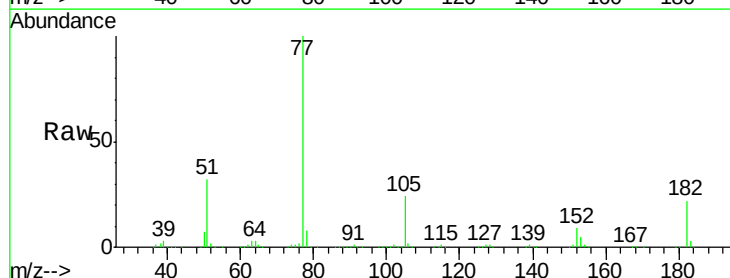
Ion Ratio Lower Upper

77 100

182 21.6 1.7 41.7

105 24.2 3.0 43.0

51 32.3 9.9 49.9

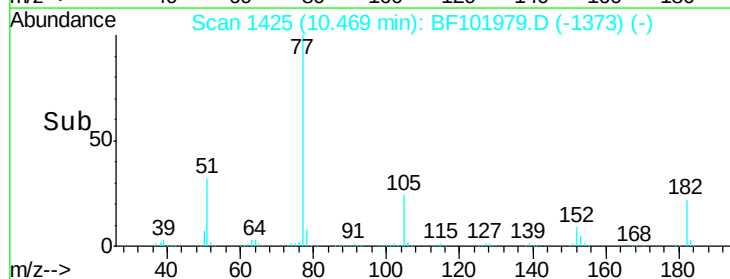
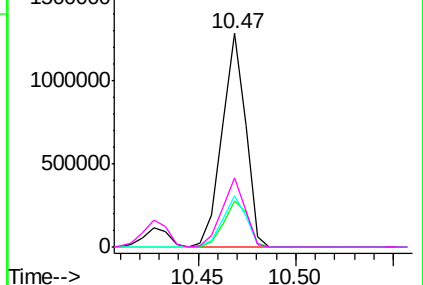


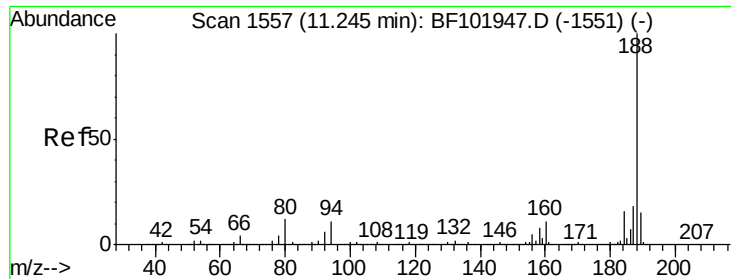
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

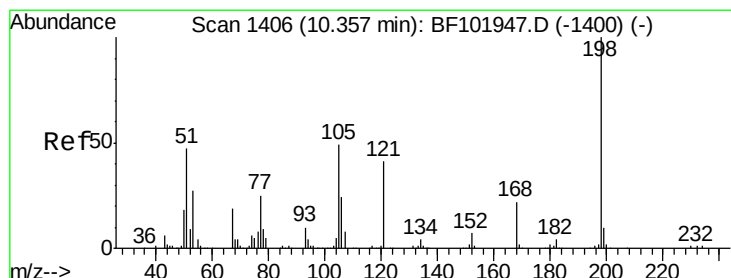
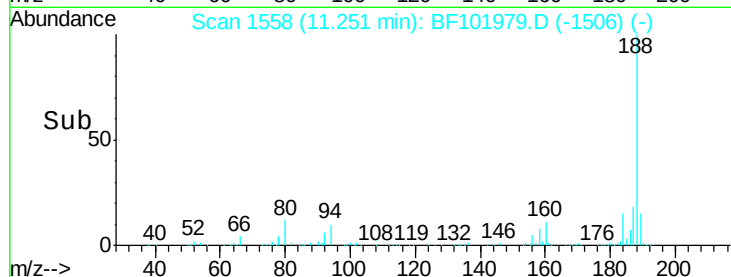
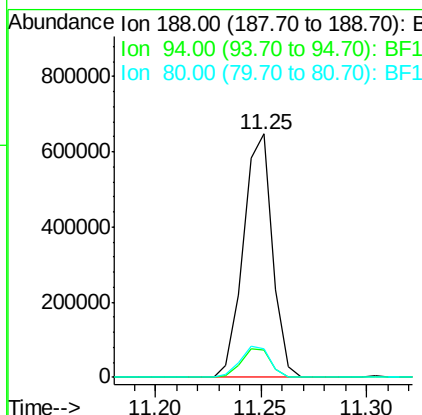
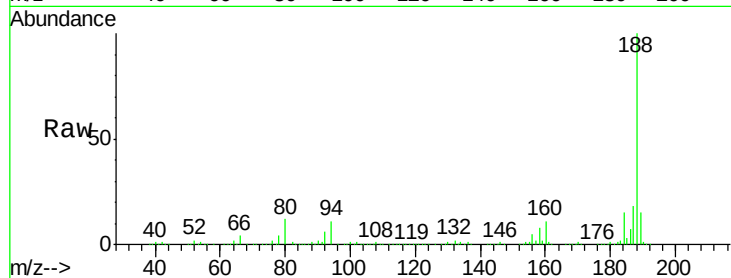




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

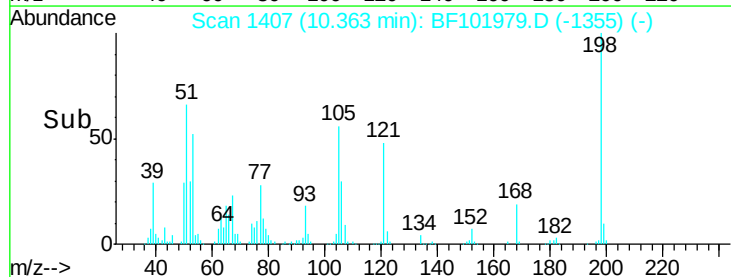
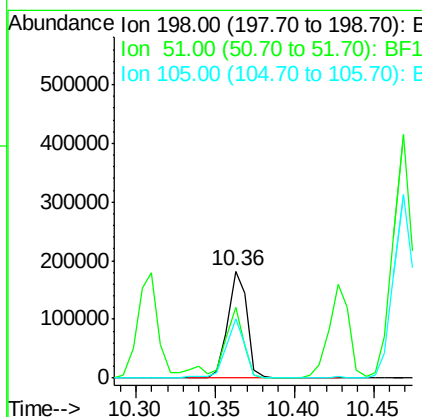
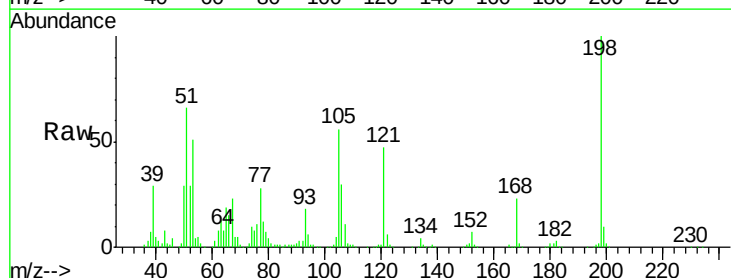
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

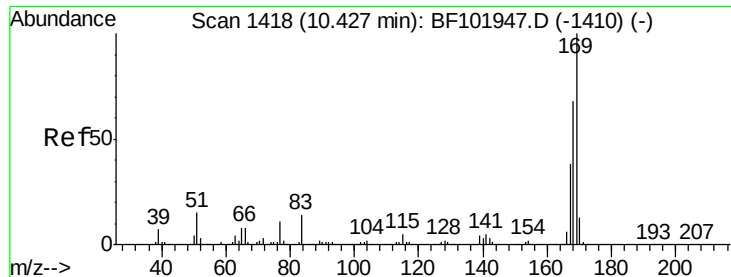
Tot Ion:188 Resp: 618235
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 11.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.919 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion:198 Resp: 153246
 Ion Ratio Lower Upper
 198 100
 51 65.9 37.7 77.7
 105 55.9 36.3 76.3

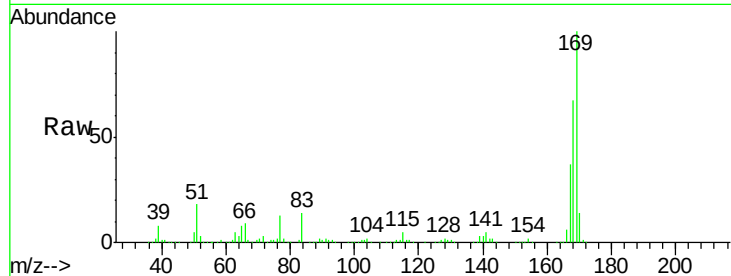




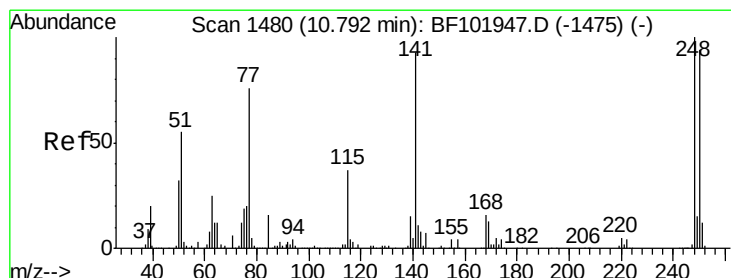
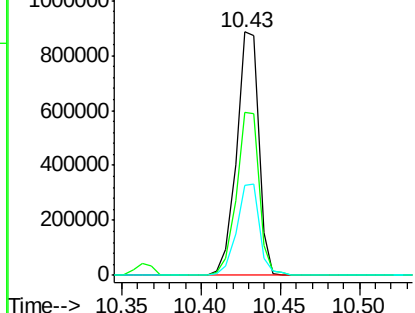
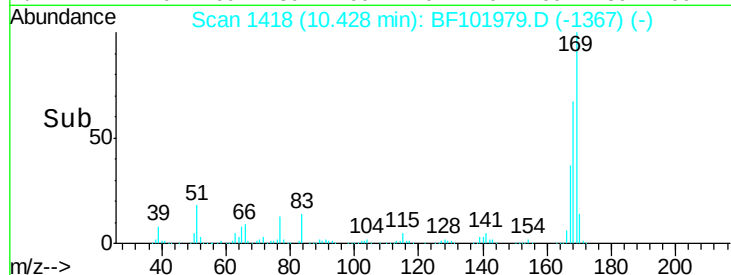
#65
 n-Nitrosodiphenylamine
 Concen: 37.175 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:169 Resp: 860610
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.4 81.6
 167 37.1 29.8 44.6

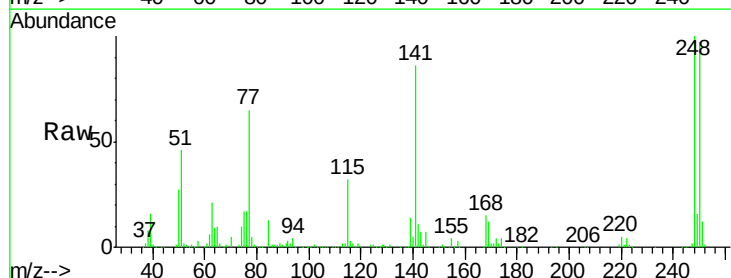


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

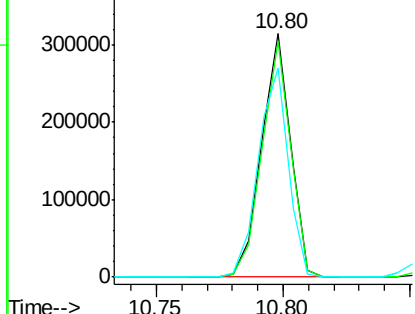
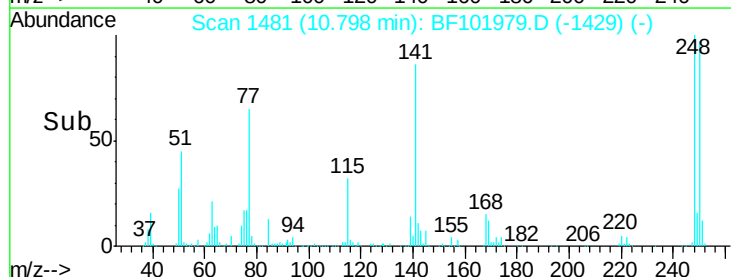


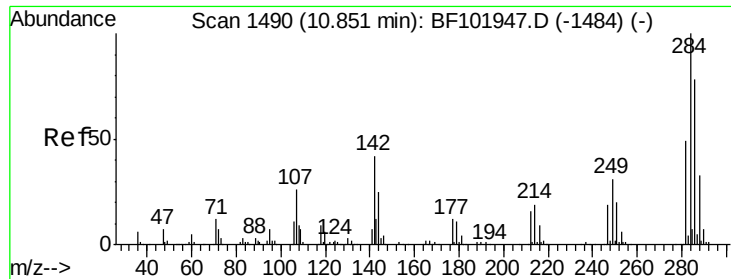
#66
 4-Bromophenyl-phenylether
 Concen: 38.631 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion:248 Resp: 252215
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.9 115.3
 141 86.1 74.4 111.6



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





#67

Hexachlorobenzene

Concen: 38.351 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

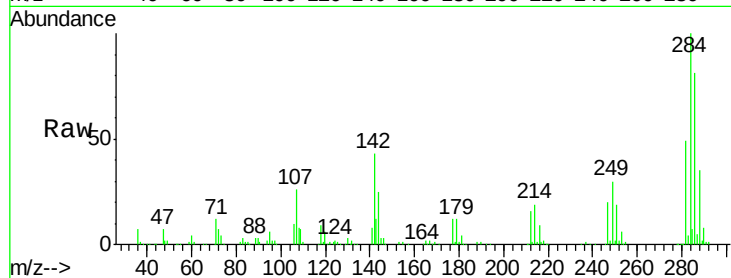
Tot Ion:284 Resp: 273344

Ion Ratio Lower Upper

284 100

142 42.6 34.6 52.0

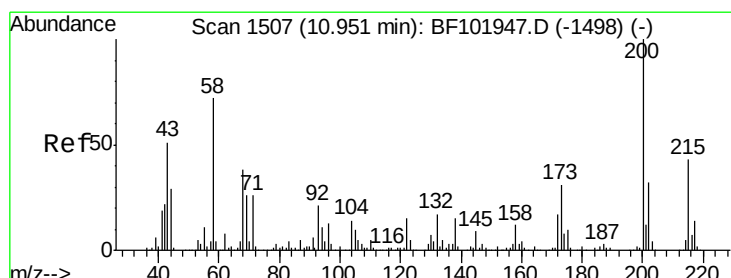
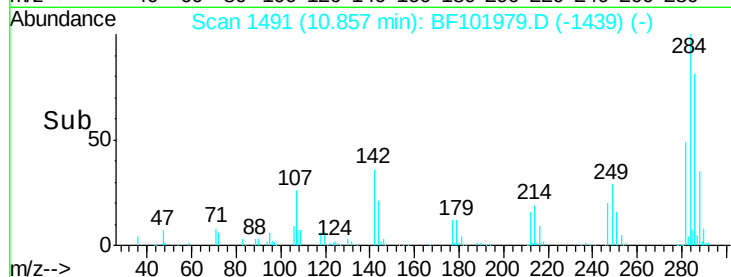
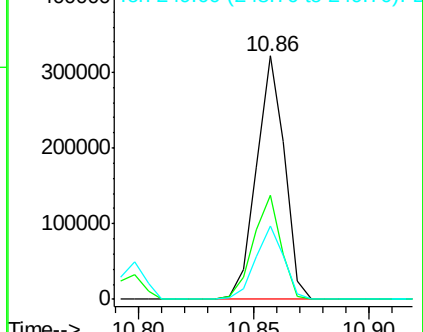
249 30.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.636 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

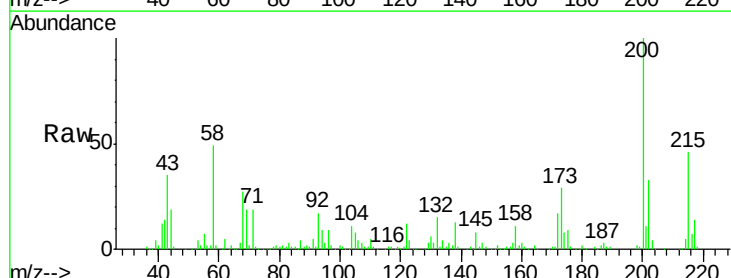
Tgt Ion:200 Resp: 265179

Ion Ratio Lower Upper

200 100

173 28.7 8.6 48.6

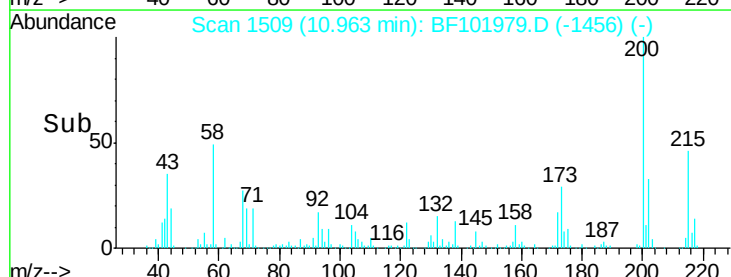
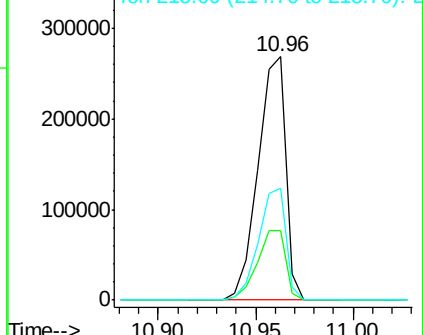
215 46.1 25.1 65.1

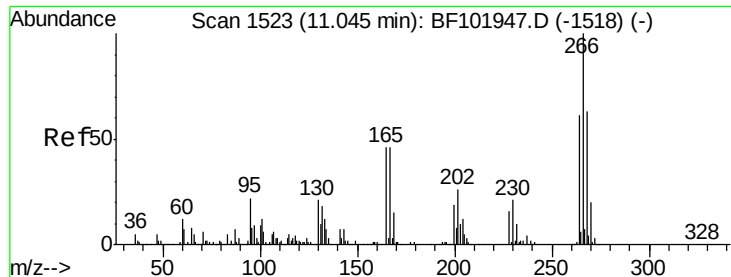


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

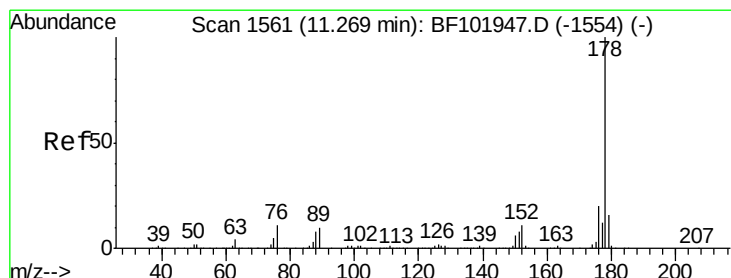
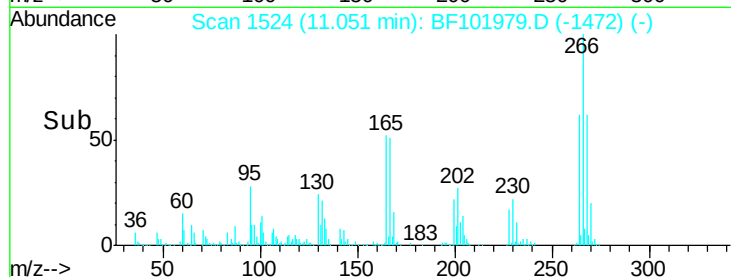
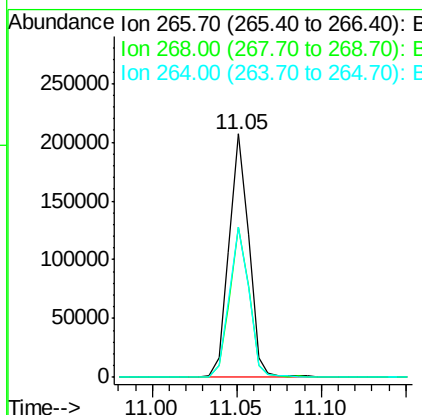
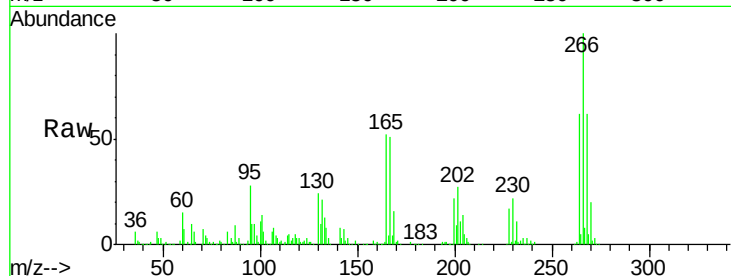




#69
 Pentachlorophenol
 Concen: 38.938 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

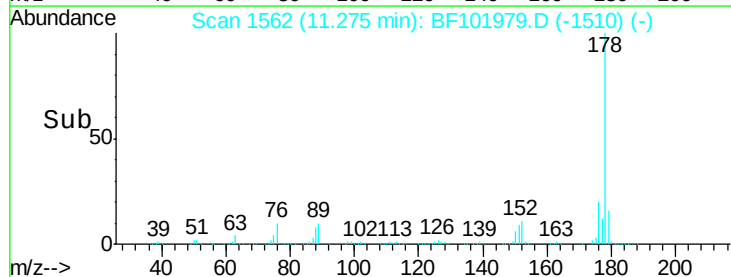
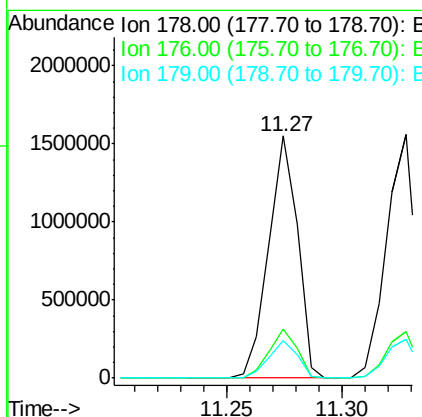
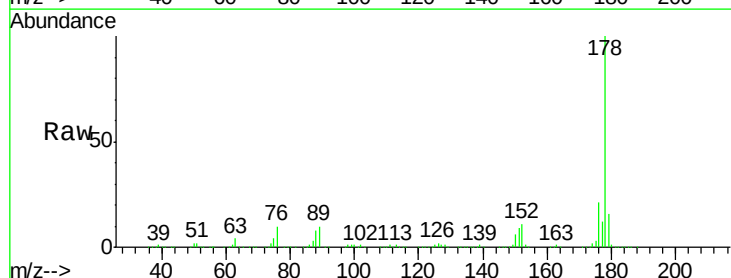
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

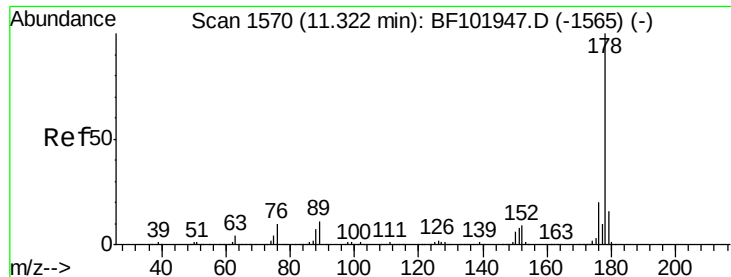
Tot Ion:266 Resp: 169235
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 61.5 49.5 74.3



#70
 Phenanthrene
 Concen: 37.435 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion:178 Resp: 1351882
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.8 23.8
 179 15.6 13.0 19.6

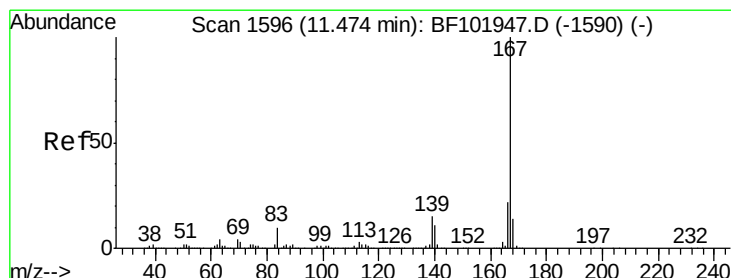
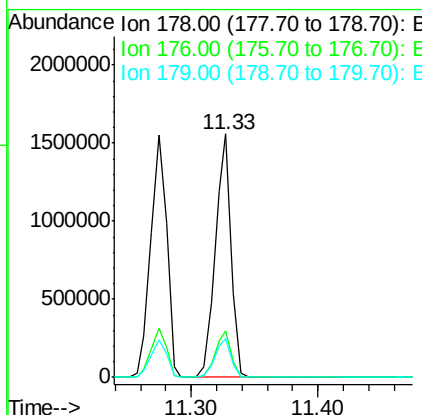
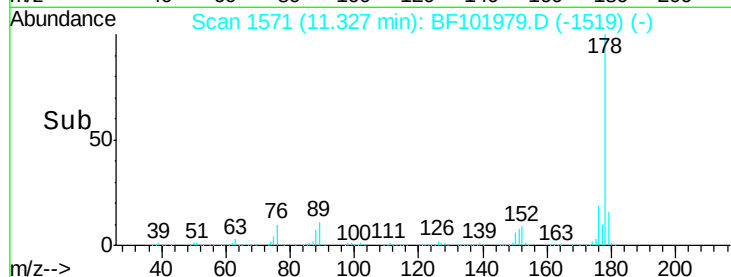
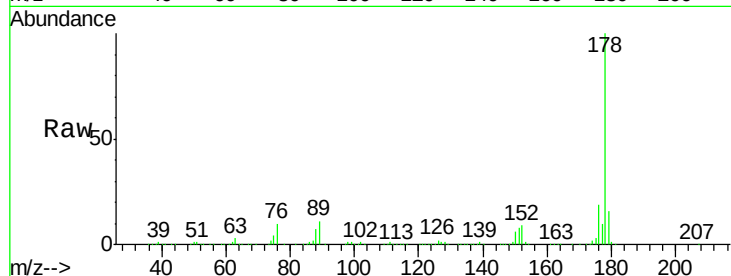




#71
 Anthracene
 Concen: 37.353 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

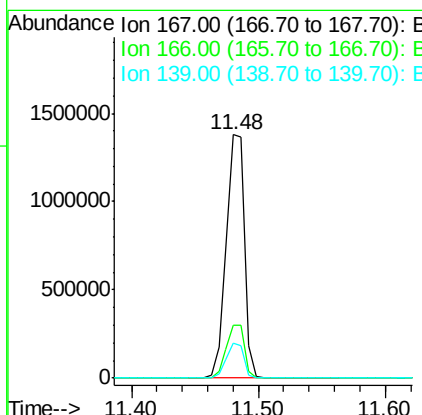
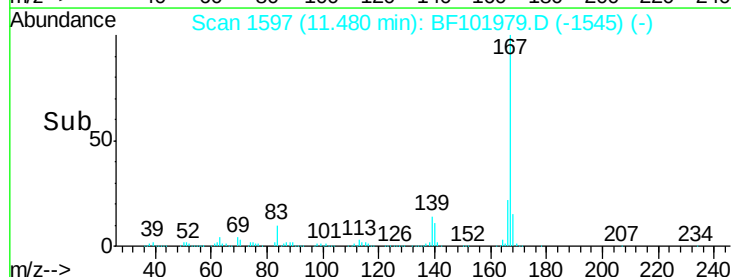
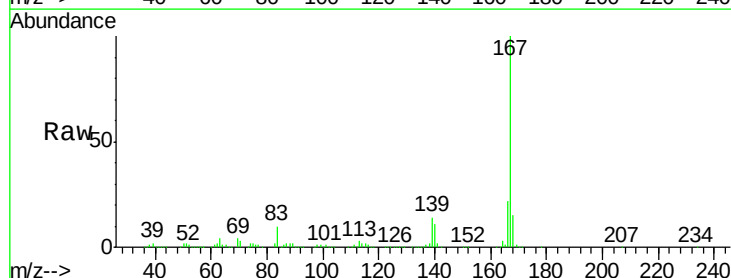
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

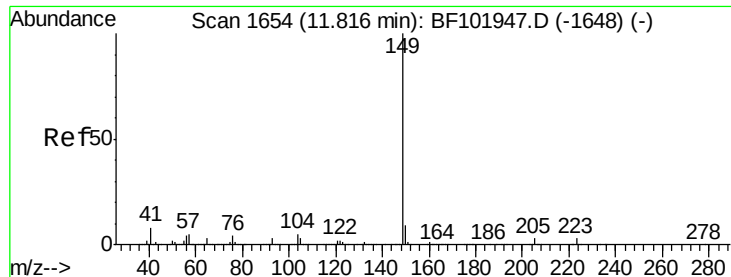
Tot Ion:178 Resp: 1368061
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 37.975 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion:167 Resp: 1367085
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.701 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

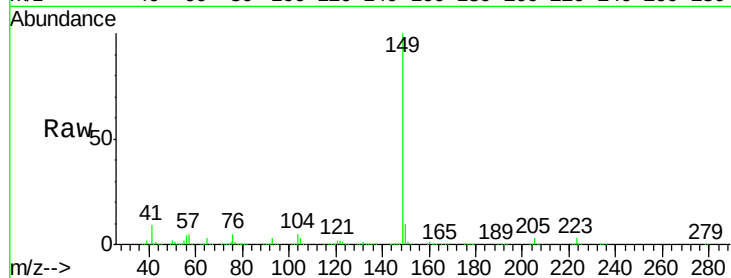
Tot Ion:149 Resp: 1665124

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

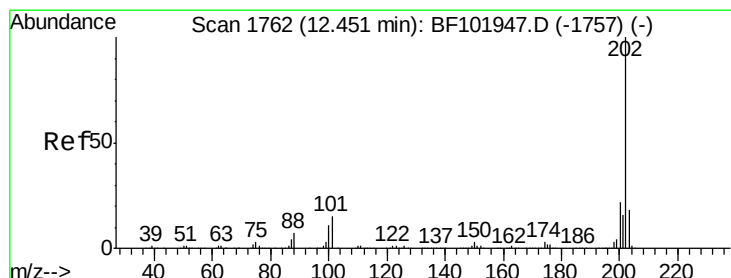
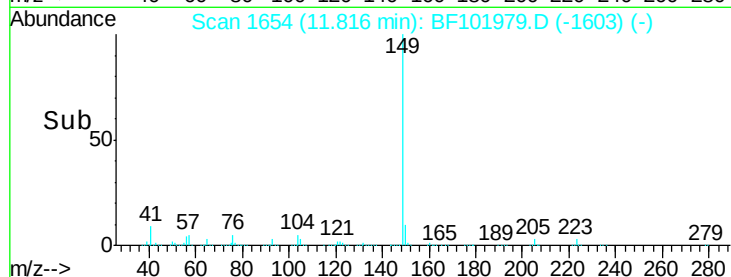
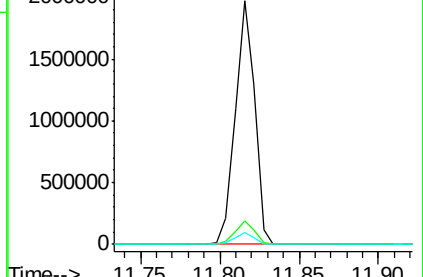
104 4.9 3.8 5.8



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: 38.354 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

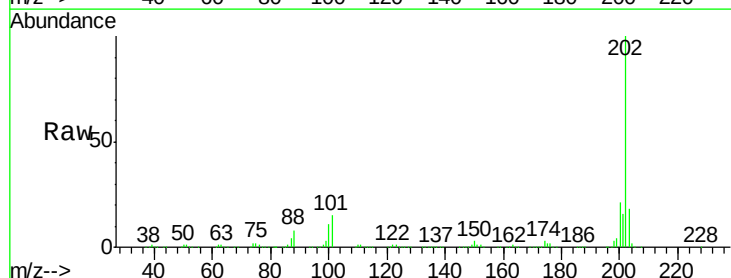
Tgt Ion:202 Resp: 1362729

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.1

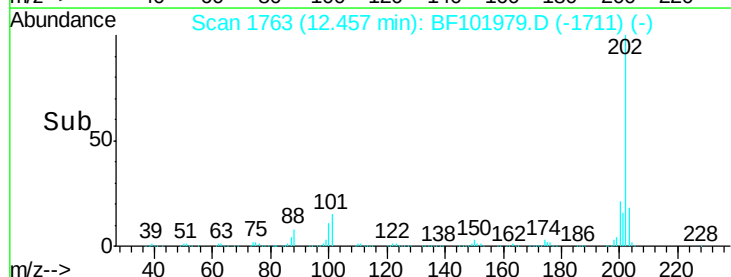
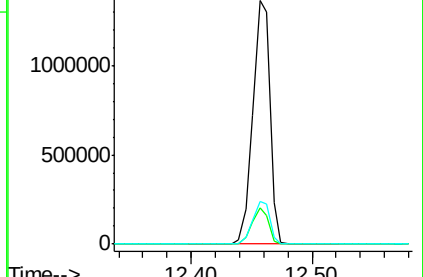
203 17.6 0.0 38.1

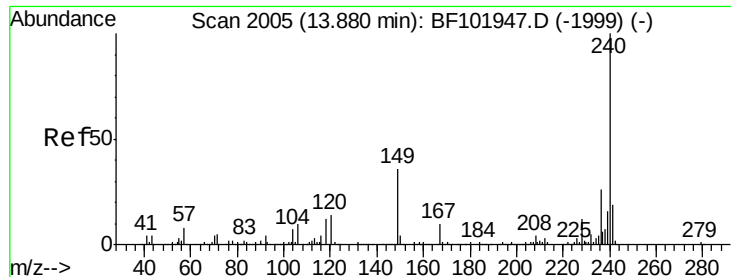


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

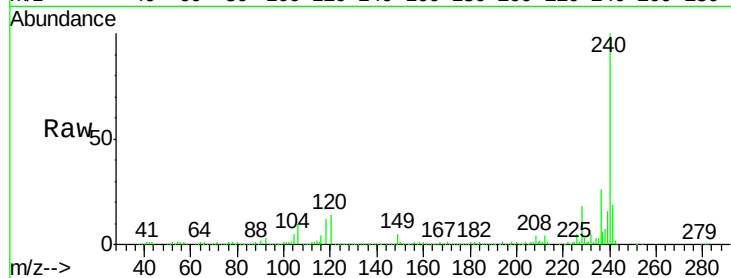
Tot Ion:240 Resp: 433694

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

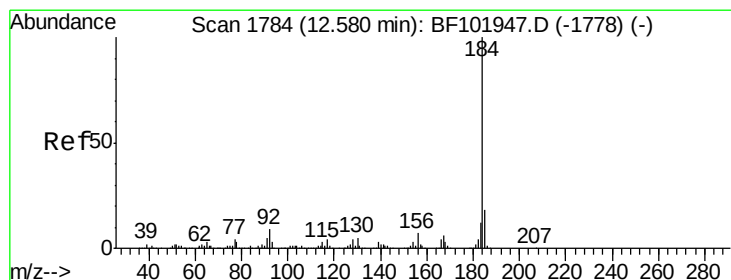
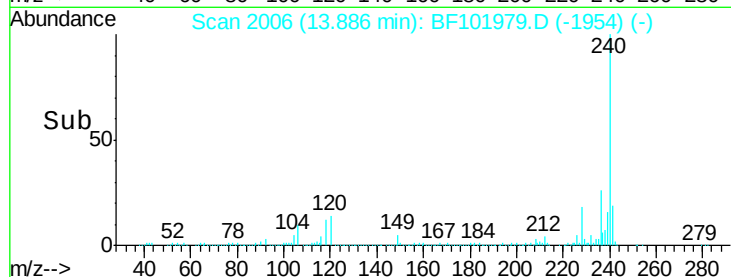
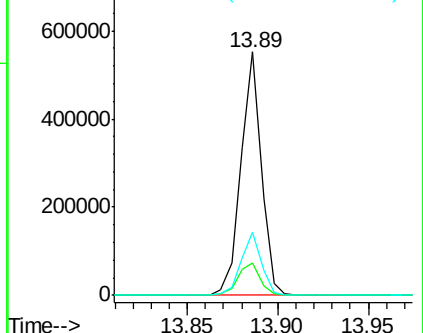
236 26.0 20.7 31.1



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: 35.617 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

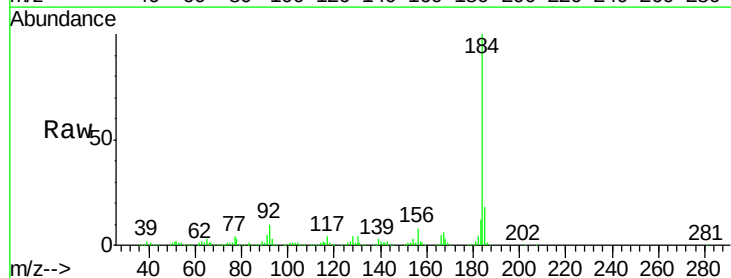
Tgt Ion:184 Resp: 745919

Ion Ratio Lower Upper

184 100

185 17.8 12.6 18.8

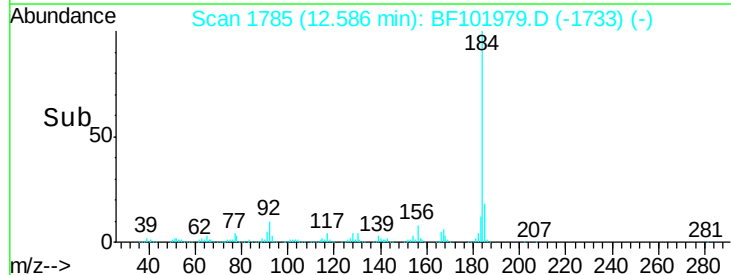
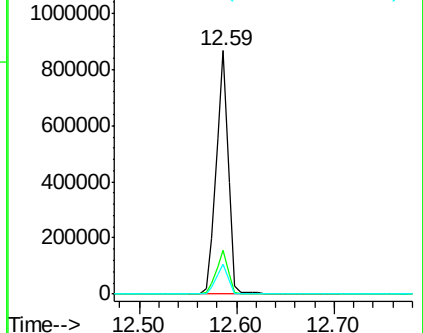
183 12.4 9.3 13.9

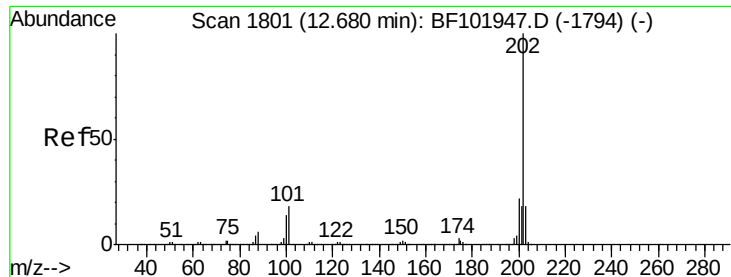


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

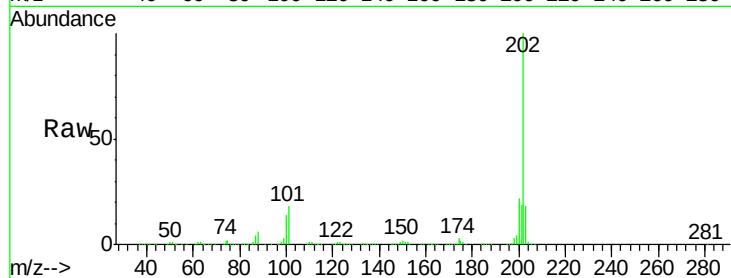




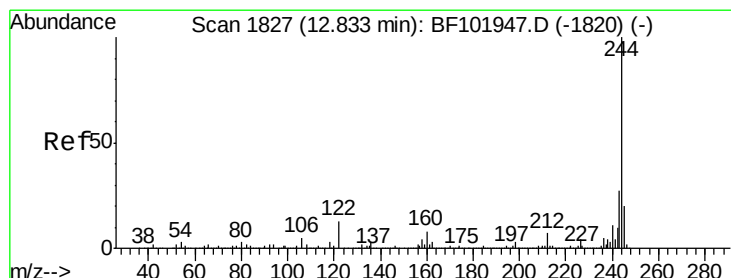
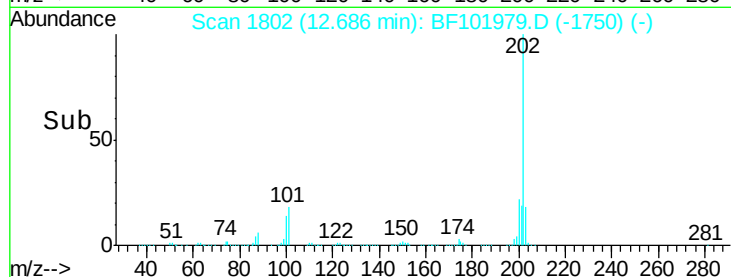
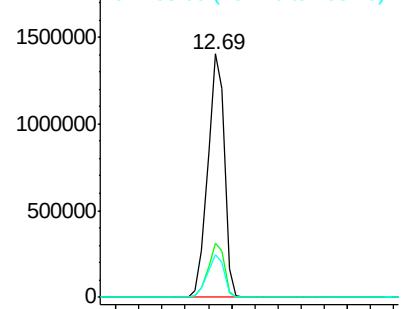
#77
Pvrene
Concen: 36.373 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:202 Resp: 1394389
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.7 14.3 21.5

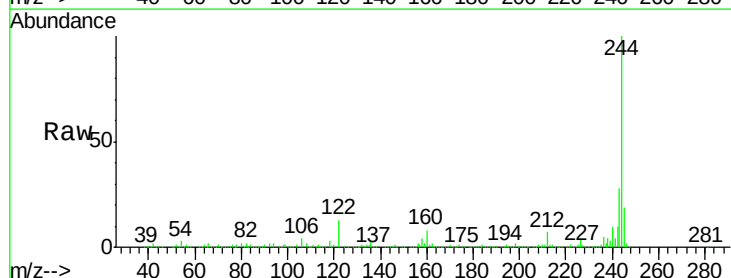


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

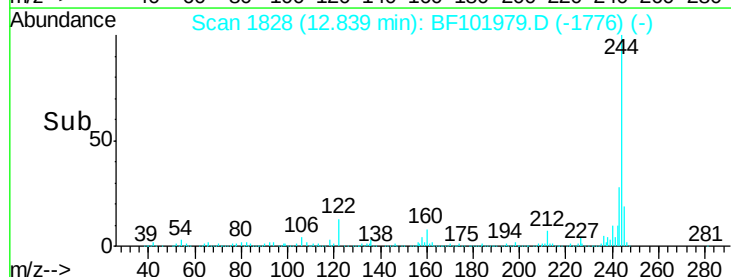
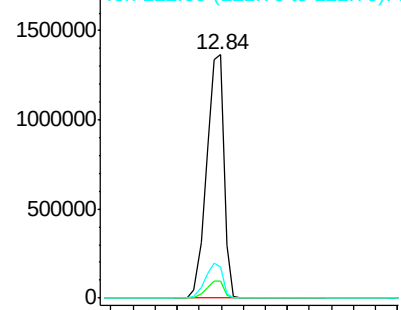


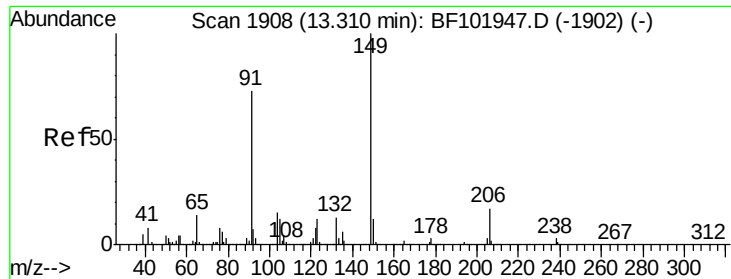
#78
Terphenyl-d14
Concen: 71.415 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion:244 Resp: 1491722
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.8 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

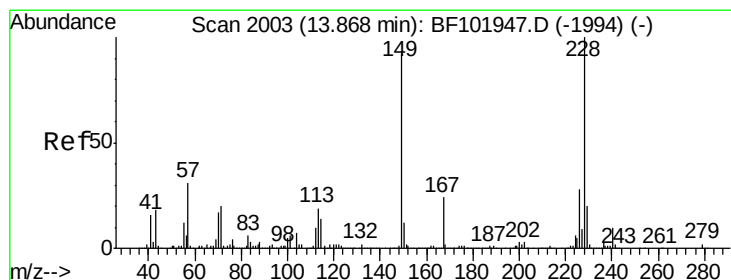
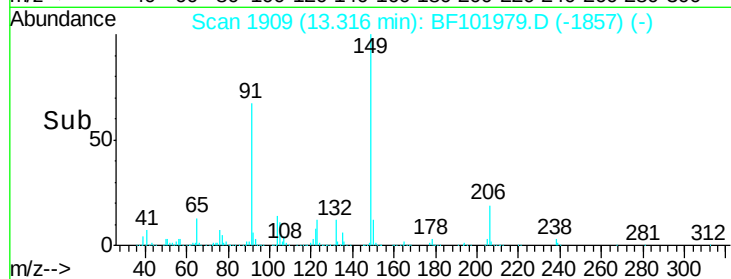
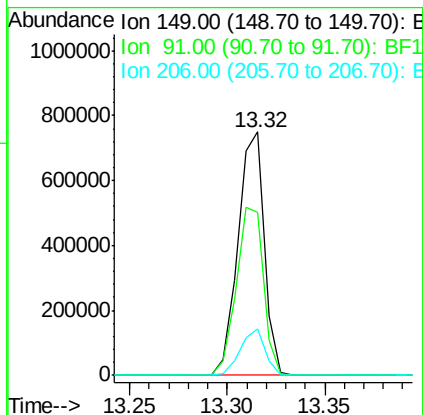
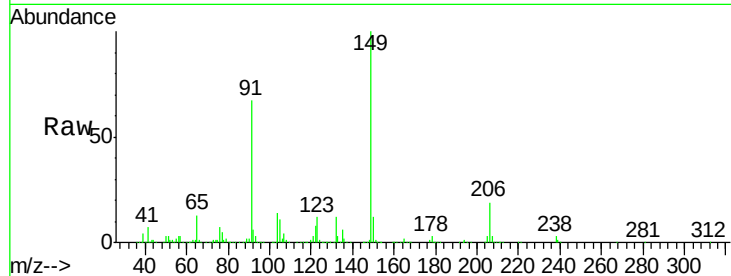




#79
Butylbenzylphthalate
Concen: 39.651 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

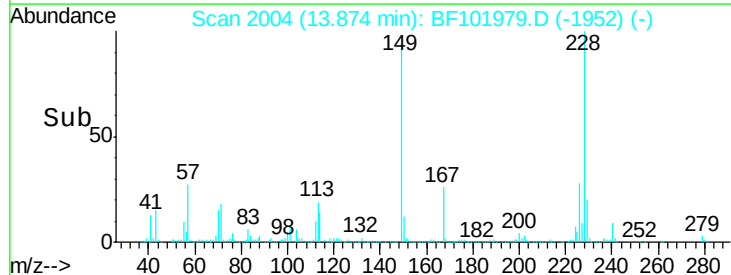
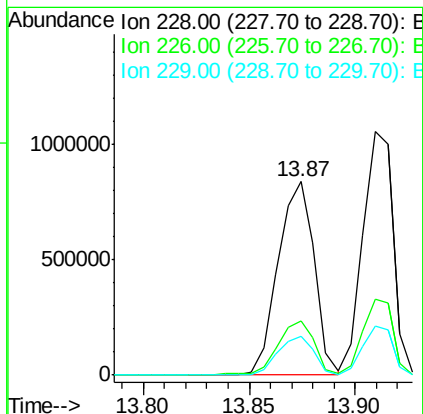
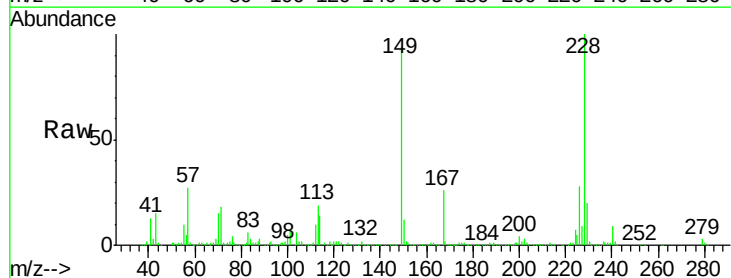
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

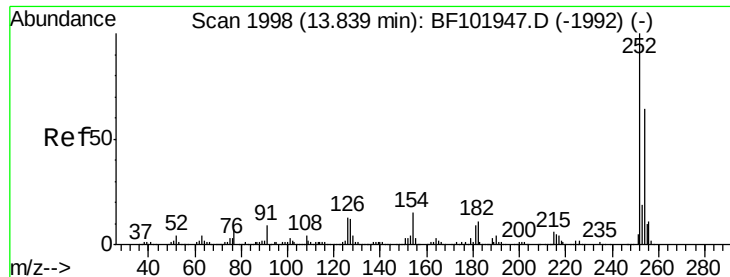
Tot Ion:149 Resp: 697588
Ion Ratio Lower Upper
149 100
91 67.0 56.8 85.2
206 19.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.150 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion:228 Resp: 1000299
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.0 15.8 23.6

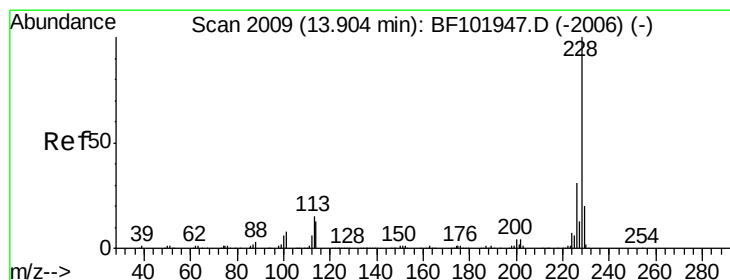
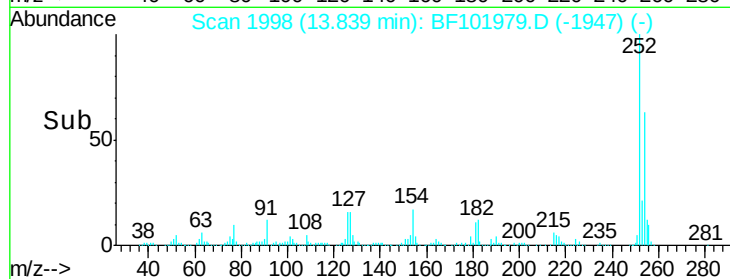
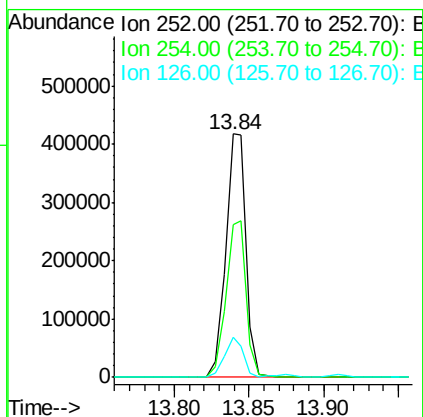
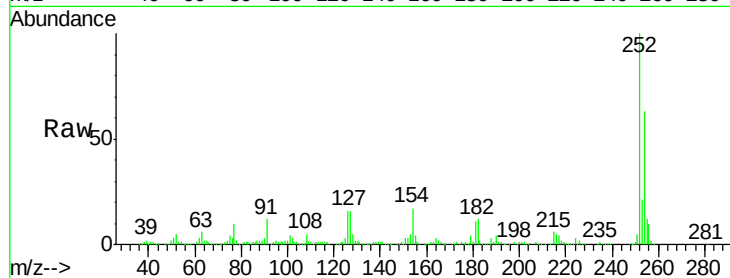




#81
 3,3'-Dichlorobenzidine
 Concen: 39.342 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

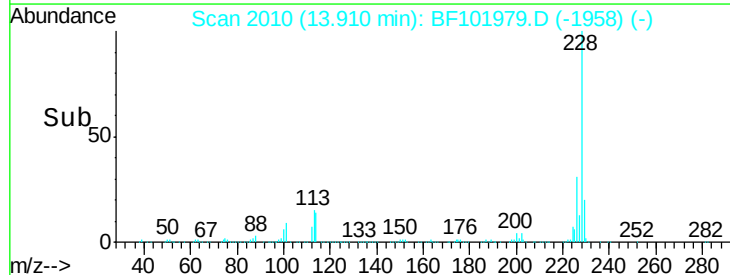
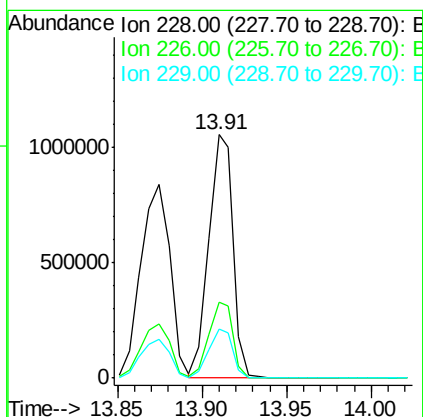
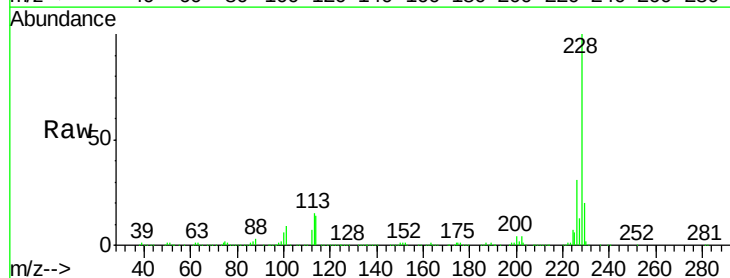
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

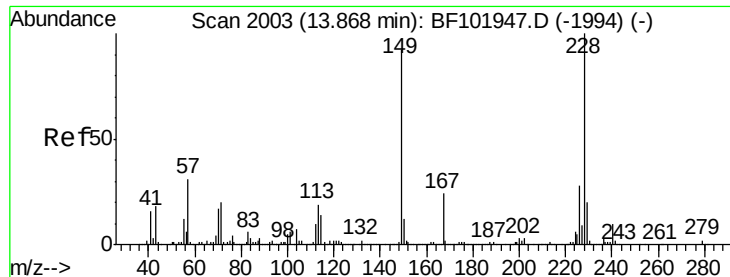
Tot Ion:252 Resp: 403080
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.4 75.6
 126 16.3 11.3 16.9



#82
 Chrysene
 Concen: 36.882 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion:228 Resp: 1064165
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.799 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

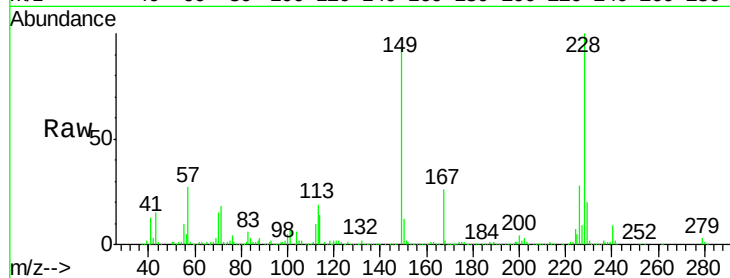
Tot Ion:149 Resp: 783049

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

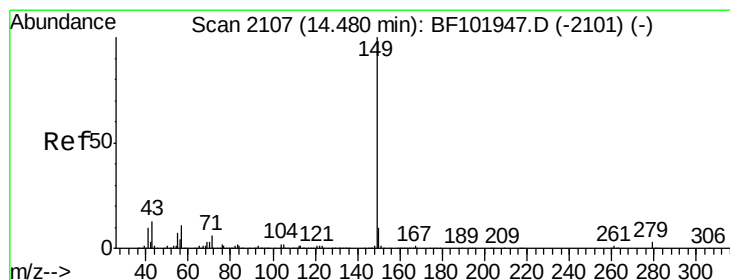
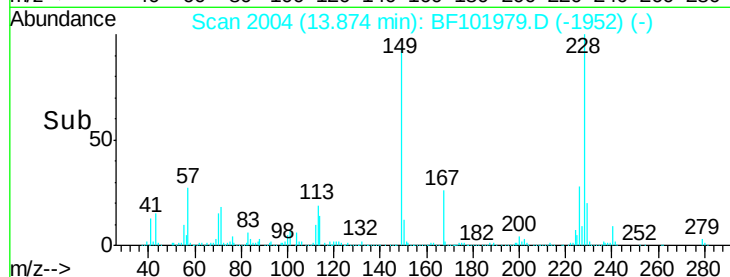
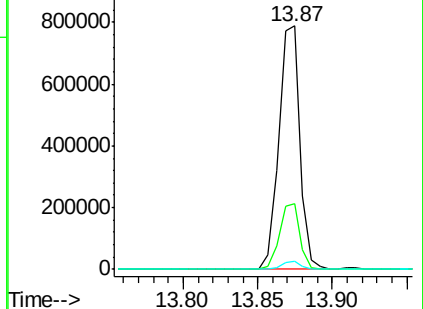
279 3.3 3.0 4.4



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: 40.124 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

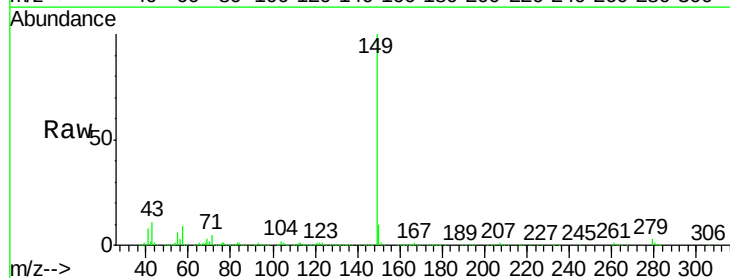
Tgt Ion:149 Resp: 1343793

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

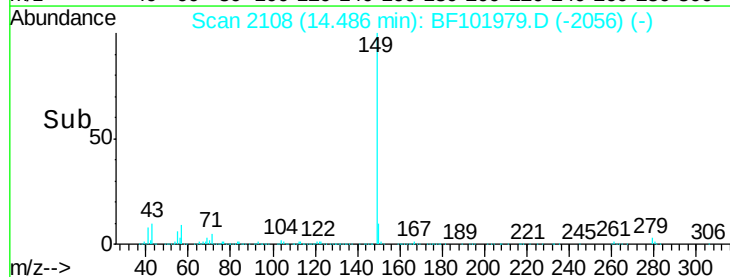
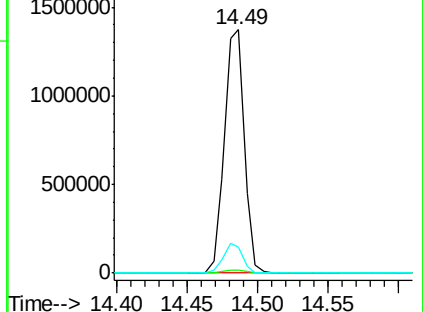
43 11.7 8.4 12.6

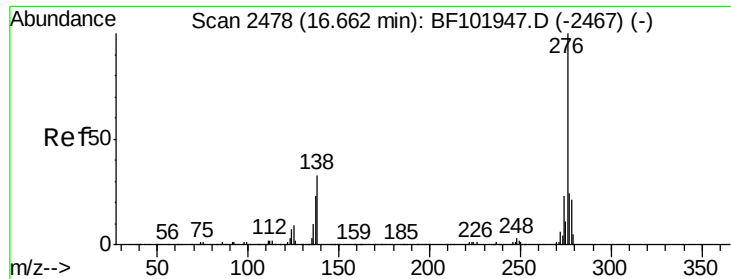


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

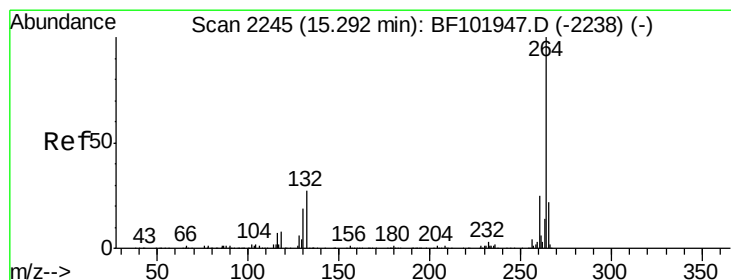
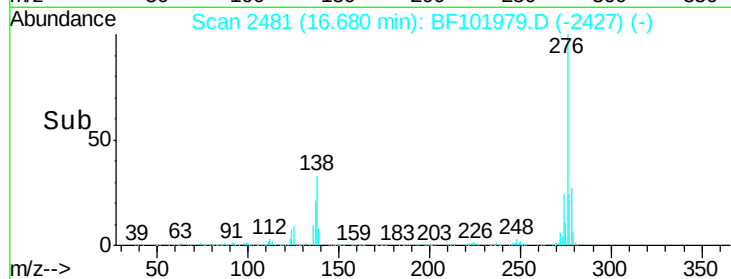
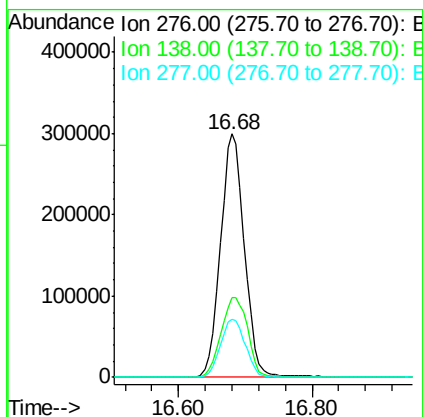
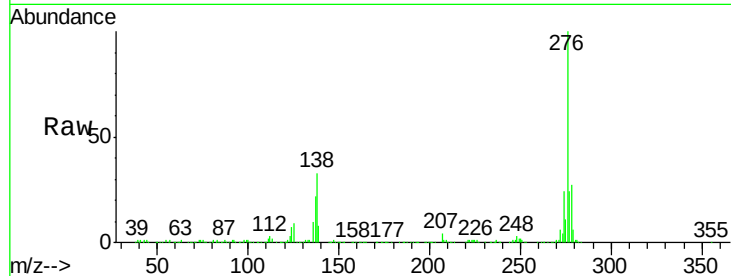




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.167 ng
 RT: 16.68 min Scan# 2481
 Delta R.T. 0.02 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

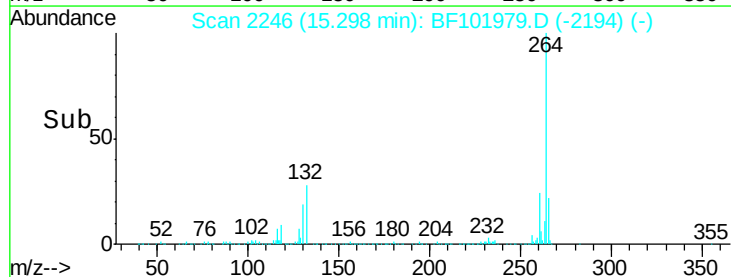
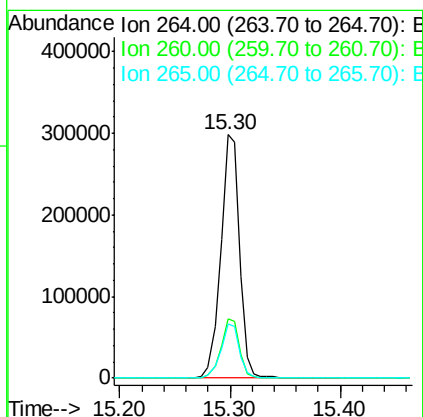
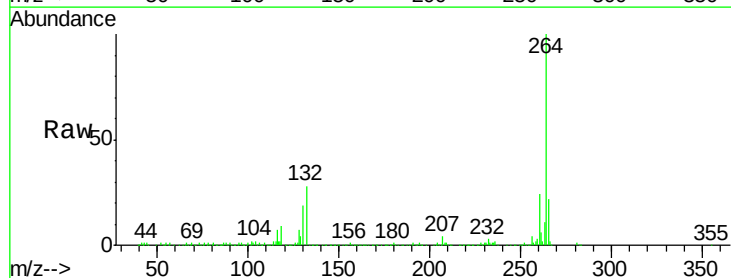
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

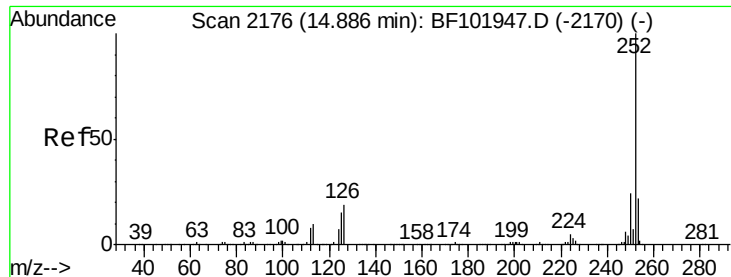
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.7	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.3	17.5	26.3

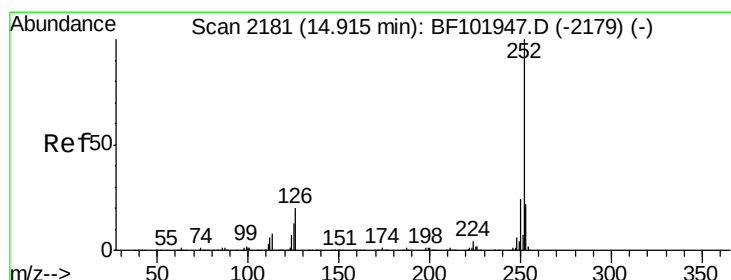
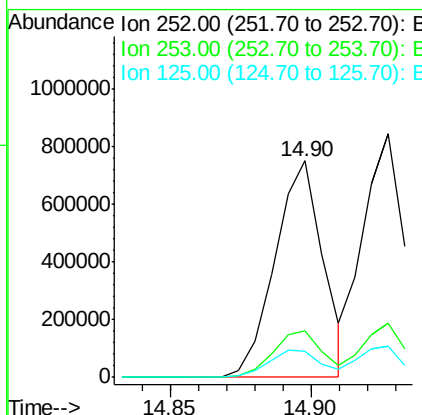
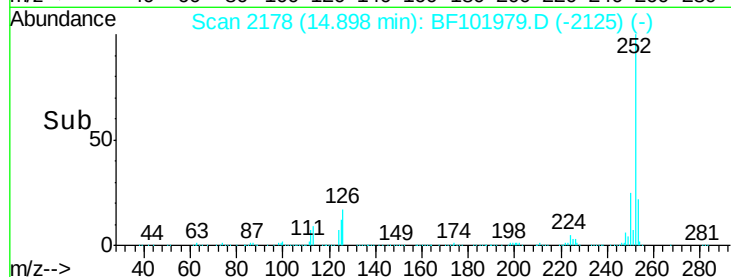
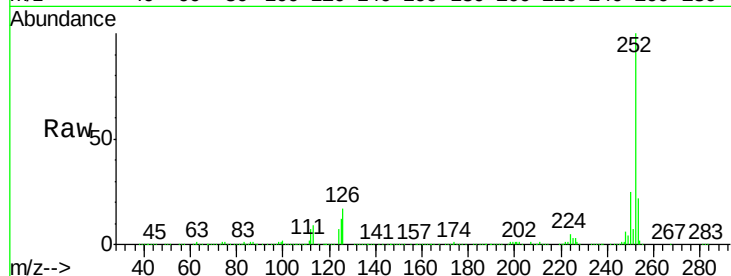




#87
Benzo(b)fluoranthene
Concen: 38.299 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

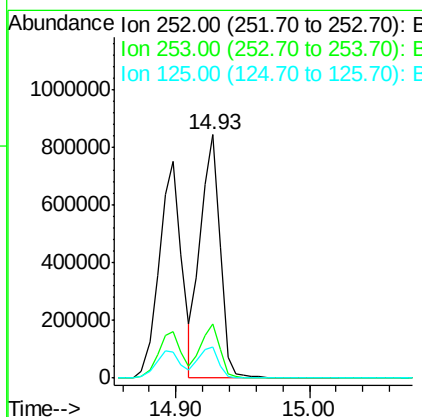
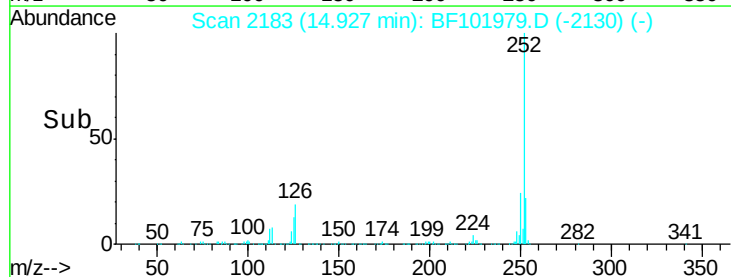
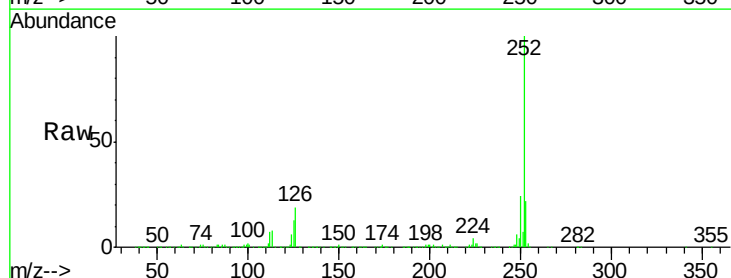
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

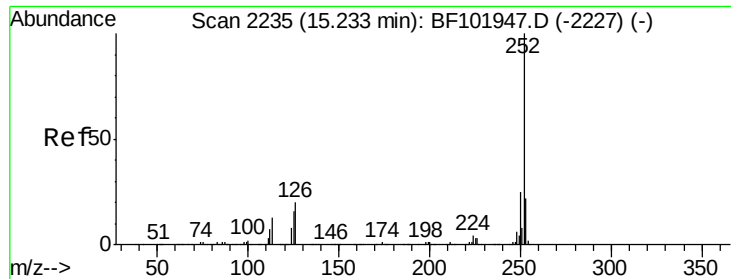
Tot Ion:252 Resp: 884932
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.430 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF101979.D
Acq: 10 Jan 2018 14:29

Tgt Ion:252 Resp: 856573
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.887 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

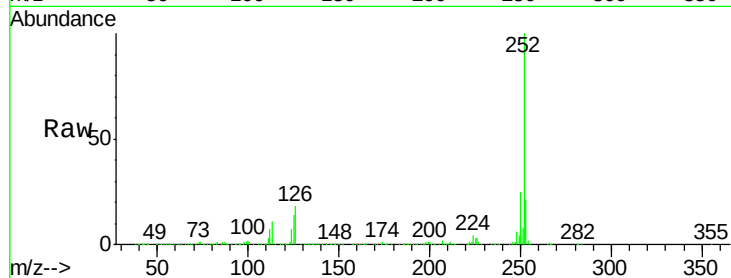
Tot Ion:252 Resp: 808538

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

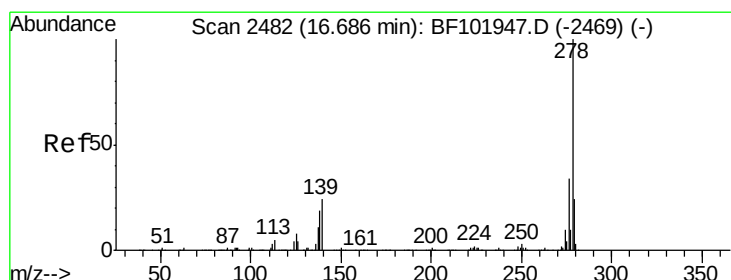
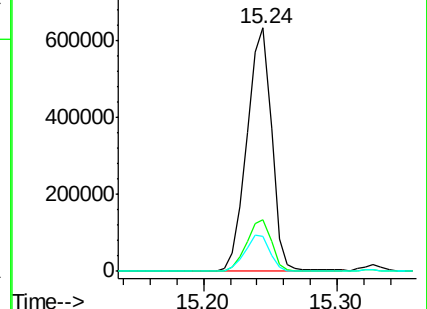
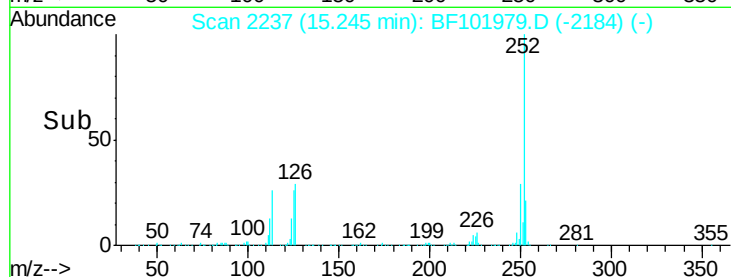
125 14.2 9.8 14.6



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: 38.011 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.02 min

Lab File: BF101979.D

Acq: 10 Jan 2018 14:29

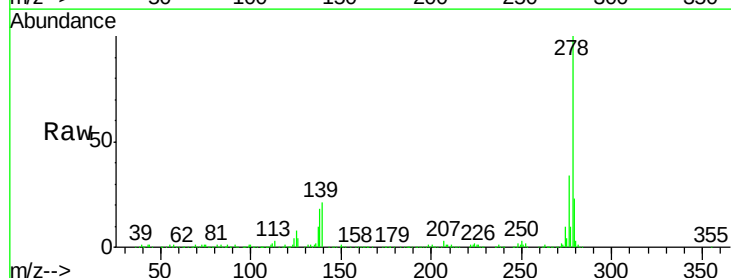
Tgt Ion:278 Resp: 630699

Ion Ratio Lower Upper

278 100

139 21.3 15.9 23.9

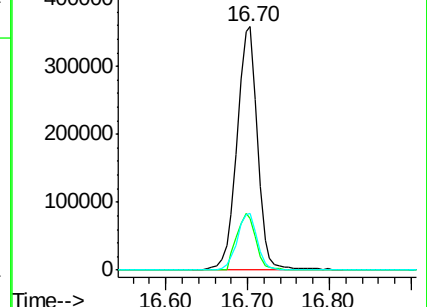
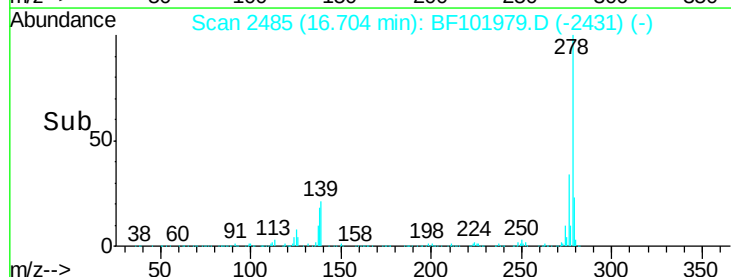
279 23.4 19.0 28.4

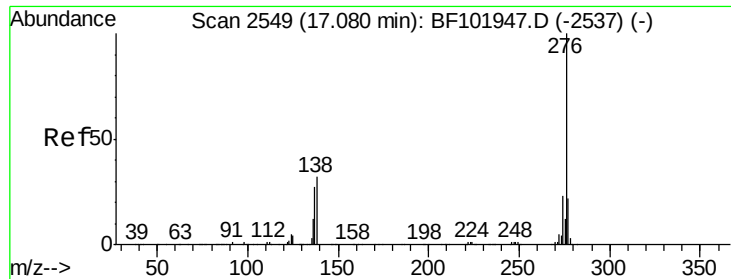


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

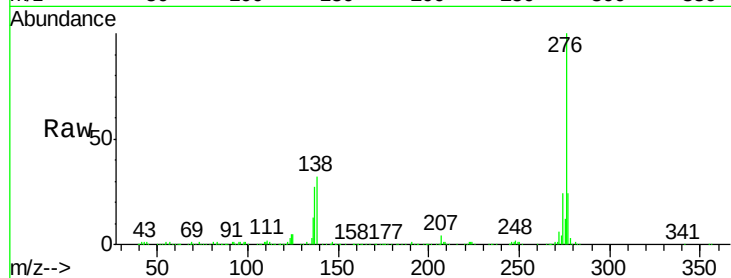




#91
 Benzo(a,h,i)perylene
 Concen: 37.847 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. 0.02 min
 Lab File: BF101979.D
 Acq: 10 Jan 2018 14:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	31.6	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

