

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
 Data File : BF107315.D
 Acq On : 11 Jul 2018 22:00
 Operator : JU/SJ
 Sample : J3933-12MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Quant Time: Jul 12 01:06:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	72805	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	269405	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	122934	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	220577	20.00	ng	0.00
75) Chrysene-d12	14.15	240	157049	20.00	ng	0.00
86) Perylene-d12	15.69	264	128127	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	458573	106.66	ng	0.02
7) Phenol-d6	6.60	99	560762	104.44	ng	0.02
23) Nitrobenzene-d5	7.51	82	361854	74.64	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	148311	104.09	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	605648	83.05	ng	0.00
78) Terphenyl-d14	13.07	244	634704	97.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	59848	27.075	ng	97
3) Pyridine	3.60	79	179541	29.949	ng	97
4) n-Nitrosodimethylamine	3.56	42	75495	29.650	ng	85
6) Aniline	6.61	93	72973	10.019	ng	# 1
8) 2-Chlorophenol	6.74	128	163056	34.576	ng	96
9) Benzaldehyde	6.49	77	108298	27.150	ng	98
10) Phenol	6.61	94	218872	35.719	ng	91
11) bis(2-Chloroethyl)ether	6.67	93	165429	32.702	ng	99
12) 1,3-Dichlorobenzene	6.88	146	188769	34.177	ng	97
13) 1,4-Dichlorobenzene	6.95	146	191040	34.212	ng	97
14) 1,2-Dichlorobenzene	7.11	146	176613	34.511	ng	97
15) Benzyl Alcohol	7.08	79	130009	30.155	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	231872	34.935	ng	# 28
17) 2-Methylphenol	7.21	107	138295	34.268	ng	# 89
18) Hexachloroethane	7.44	117	49897	25.410	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	118588	33.506	ng	93
20) 3+4-Methylphenols	7.36	107	190431	43.232	ng	93
22) Acetophenone	7.35	105	235808	39.124	ng	# 95
24) Nitrobenzene	7.52	77	175096	35.378	ng	98
25) Isophorone	7.76	82	321215	37.602	ng	99
26) 2-Nitrophenol	7.84	139	62787	26.873	ng	99
27) 2,4-Dimethylphenol	7.88	122	145659	40.334	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	208493	36.351	ng	99
29) 2,4-Dichlorophenol	8.10	162	146180	38.664	ng	94
30) 1,2,4-Trichlorobenzene	8.16	180	159892	38.390	ng	97
31) Naphthalene	8.24	128	459934	36.516	ng	100
32) Benzoic acid	7.99	122	7580	8.272	ng	95
33) 4-Chloroaniline	8.30	127	43996	8.325	ng	98
34) Hexachlorobutadiene	8.34	225	106367	39.194	ng	98
35) Caprolactam	8.68	113	40623	32.962	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	140312	35.258	ng	94
37) 2-Methylnaphthalene	8.94	142	324245	38.838	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	165987	40.093	ng	# 95
42) 2,4,6-Trichlorophenol	9.23	196	93044	33.810	ng	91

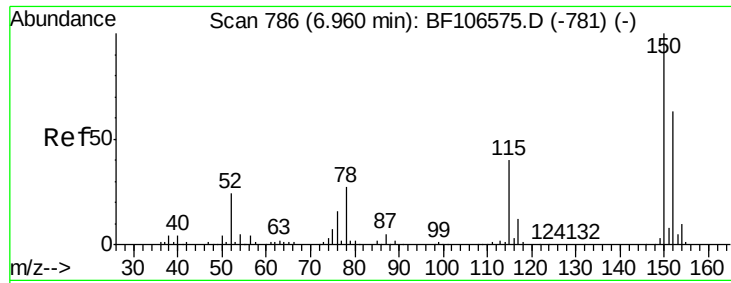
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	87022	30.305	ng	# 87
45) 1,1'-Biphenyl	9.40	154	379469	38.732	ng	98
46) 2-Chloronaphthalene	9.43	162	267581	34.697	ng	97
47) 2-Nitroaniline	9.54	65	93945	36.227	ng	94
48) Acenaphthylene	9.85	152	474520	38.974	ng	98
49) Dimethylphthalate	9.70	163	450770	48.889	ng	99
50) 2,6-Dinitrotoluene	9.78	165	60373	30.922	ng	# 83
51) Acenaphthene	10.02	154	252798	32.972	ng	98
52) 3-Nitroaniline	9.95	138	71992	32.043	ng	95
53) 2,4-Dinitrophenol	10.09	184	414	5.733	ng	# 28
54) Dibenzofuran	10.20	168	368517	35.102	ng	95
55) 4-Nitrophenol	10.14	139	55386	35.318	ng	95
56) 2,4-Dinitrotoluene	10.19	165	64956	25.489	ng	93
57) Fluorene	10.54	166	298554	35.837	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	72131	31.600	ng	# 77
59) Diethylphthalate	10.40	149	309444	34.773	ng	95
60) 4-Chlorophenyl-phenylether	10.52	204	157617	36.159	ng	# 83
61) 4-Nitroaniline	10.57	138	72756	32.630	ng	95
62) Azobenzene	10.68	77	264600	30.194	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	3240	2.376	ng	81
65) n-Nitrosodiphenylamine	10.65	169	252584	34.045	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	101491	38.554	ng	# 82
67) Hexachlorobenzene	11.10	284	101872	36.974	ng	# 80
68) Atrazine	11.17	200	78245	33.175	ng	96
69) Pentachlorophenol	11.30	266	42517	30.927	ng	98
70) Phenanthrene	11.51	178	569958	53.573	ng	99
71) Anthracene	11.57	178	469769	43.260	ng	100
72) Carbazole	11.72	167	381647	37.538	ng	98
73) Di-n-butylphthalate	12.02	149	435190	36.334	ng	100
74) Fluoranthene	12.71	202	986253	84.107	ng	96
76) Benzidine	12.82	184	83116	18.583	ng	98
77) Pyrene	12.95	202	947783	91.518	ng	98
79) Butylbenzylphthalate	13.54	149	171789	40.345	ng	# 95
80) Benzo(a)anthracene	14.14	228	656096	68.545	ng	96
81) 3,3'-Dichlorobenzidine	14.09	252	75307	22.386	ng	# 96
82) Chrysene	14.18	228	566520	64.334	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	265843	48.835	ng	96
84) Di-n-octyl phthalate	14.71	149	374997	42.261	ng	96
85) Indeno(1,2,3-cd)pyrene	17.31	276	420319	56.246	ng	# 87
87) Benzo(b)fluoranthene	15.24	252	586955	73.746	ng	# 96
88) Benzo(k)fluoranthene	15.27	252	316710	41.785	ng	# 95
89) Benzo(a)pyrene	15.56	252	184694	26.103	ng	99
90) Dibenzo(a,h)anthracene	17.47	278	35428	5.908	ng	93
91) Benzo(g,h,i)perylene	17.79	276	377582	64.422	ng	# 89

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

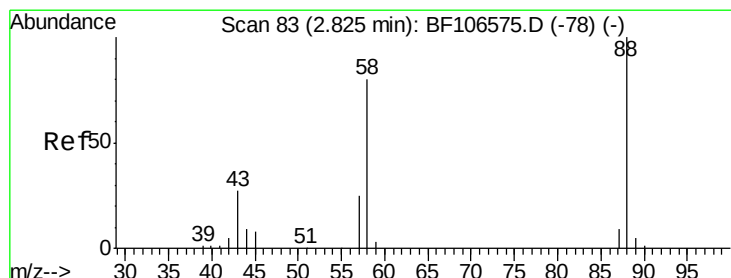
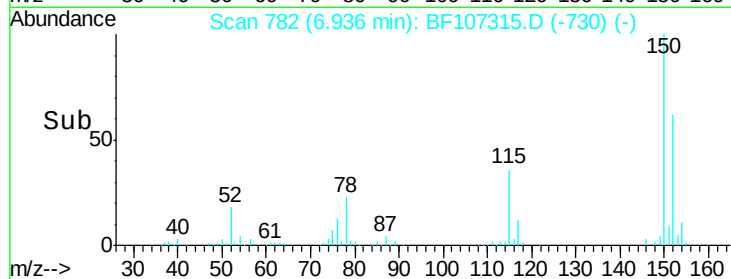
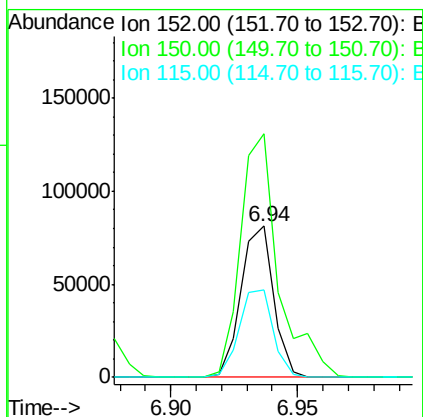
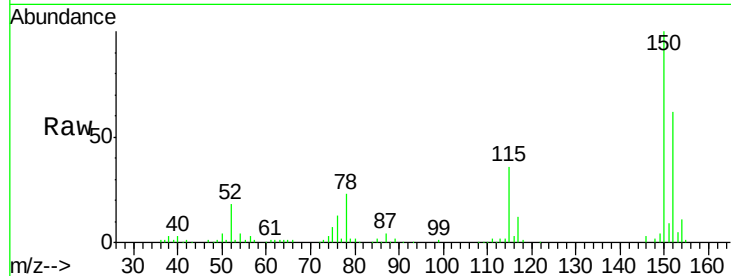


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

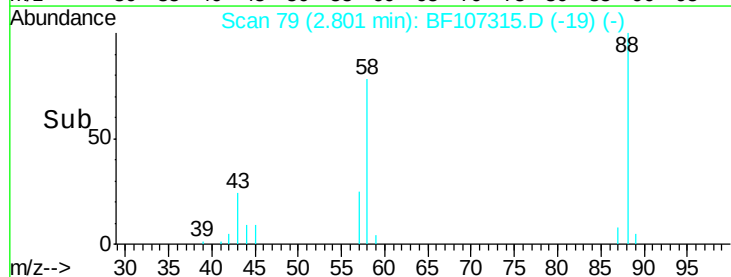
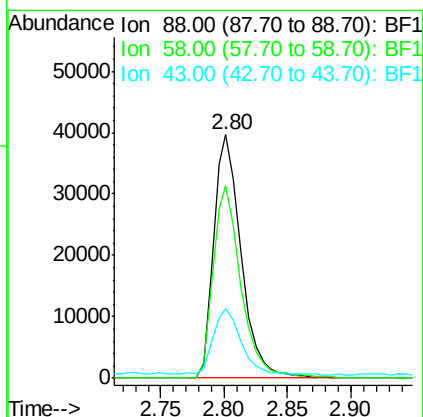
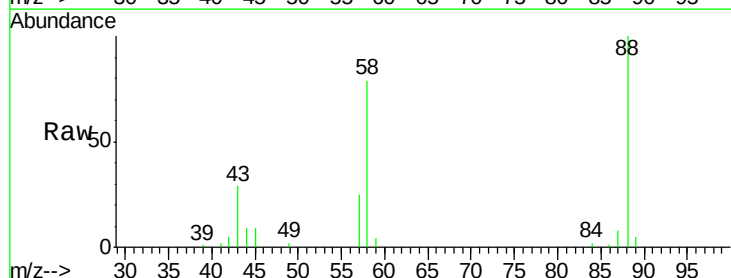
Tgt Ion: 152 Resp: 72805
Ion Ratio Lower Upper
152 100
150 161.1 124.6 186.8
115 58.3 50.1 75.1

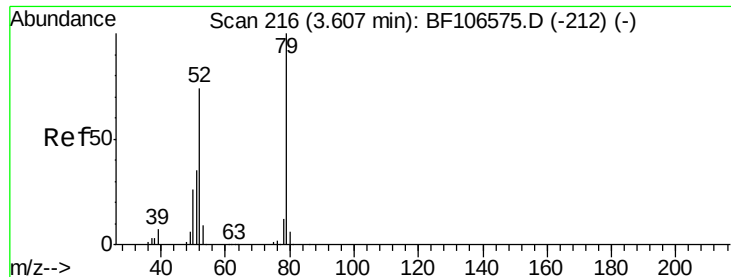


#2

1,4-Dioxane
Concen: 27.075 ng
RT: 2.80 min Scan# 79
Delta R.T. 0.05 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion: 88 Resp: 59848
Ion Ratio Lower Upper
88 100
58 80.7 62.6 93.8
43 28.8 24.6 37.0





#3

Pyridine

Concen: 29.949 ng

RT: 3.60 min Scan# 214

Delta R.T. 0.05 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

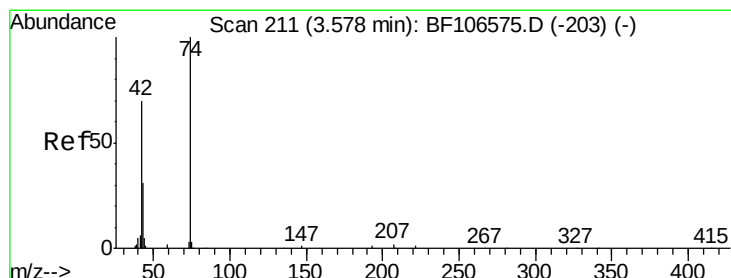
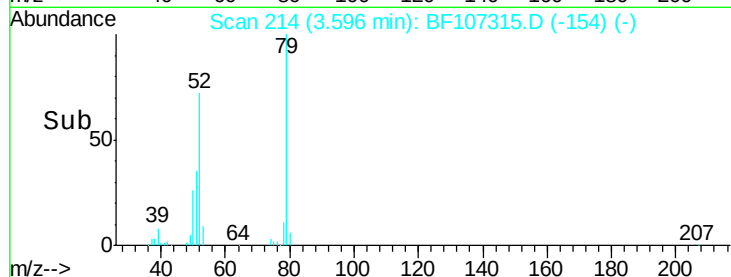
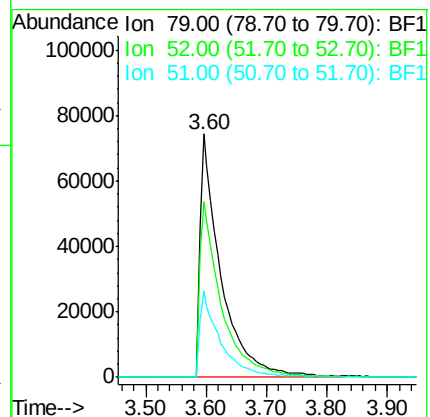
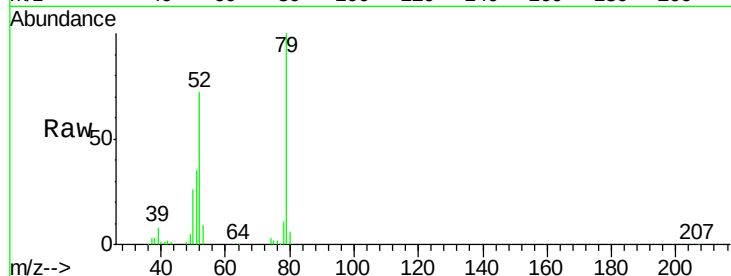
Tgt Ion: 79 Resp: 179541

Ion Ratio Lower Upper

79 100

52 72.1 59.8 89.6

51 35.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 29.650 ng

RT: 3.56 min Scan# 208

Delta R.T. 0.05 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

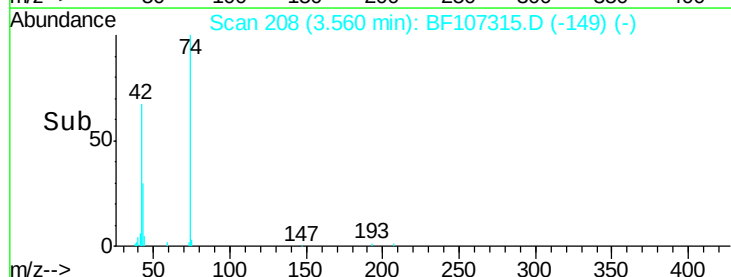
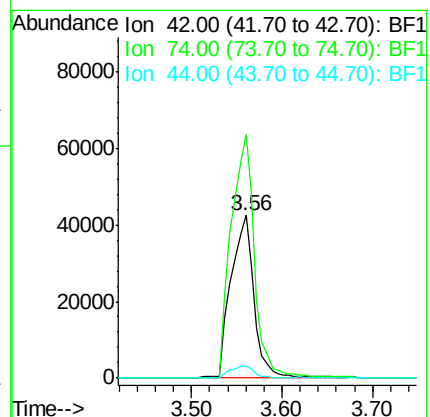
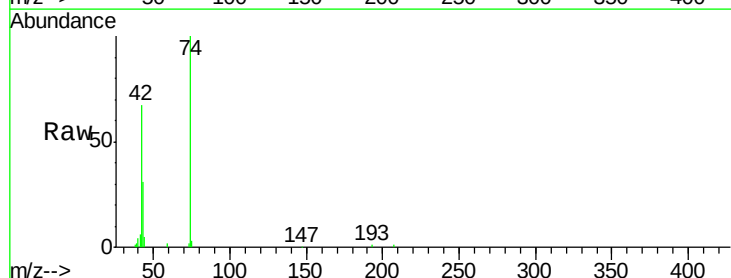
Tgt Ion: 42 Resp: 75495

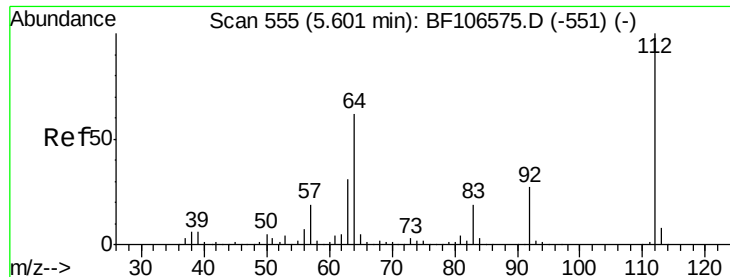
Ion Ratio Lower Upper

42 100

74 149.9 104.9 157.3

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 106.656 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

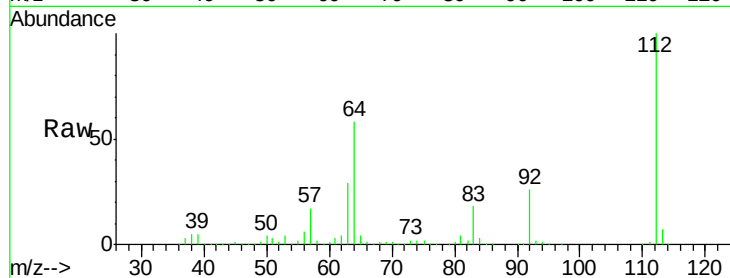
Tgt Ion: 112 Resp: 458573

Ion Ratio Lower Upper

112 100

64 57.5 47.9 71.9

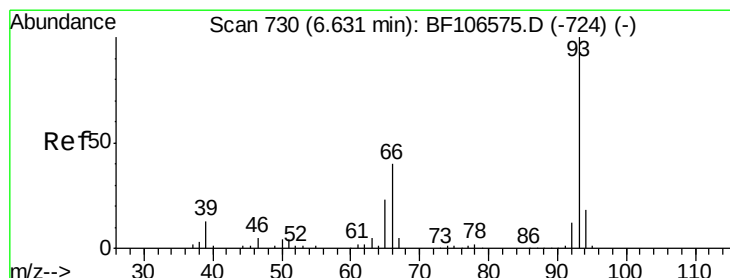
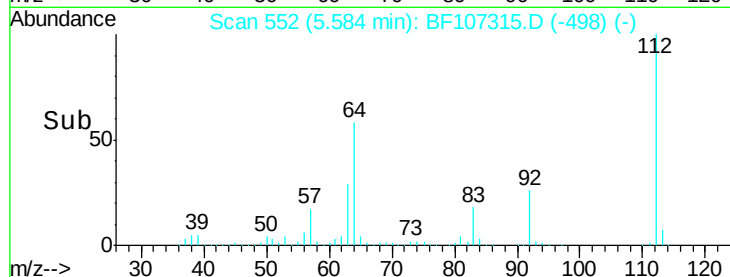
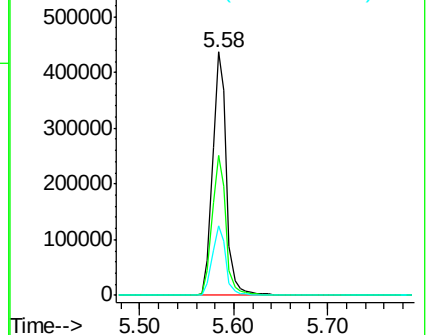
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.019 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

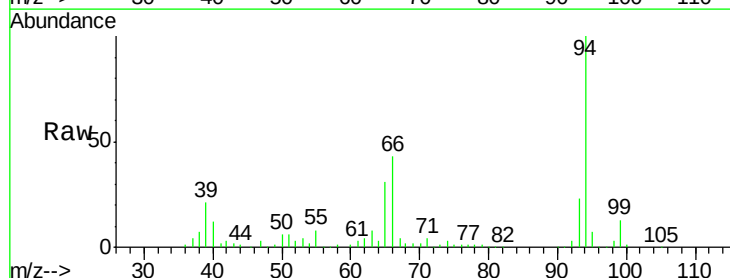
Tgt Ion: 93 Resp: 72973

Ion Ratio Lower Upper

93 100

66 187.9 32.2 48.2#

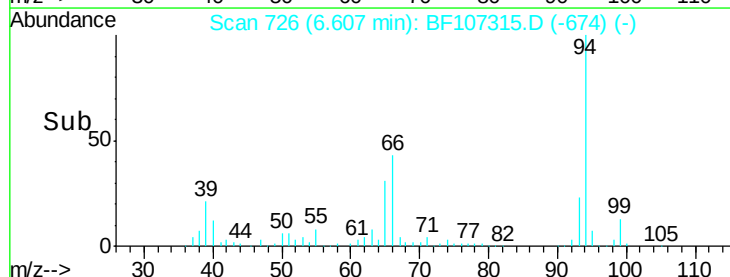
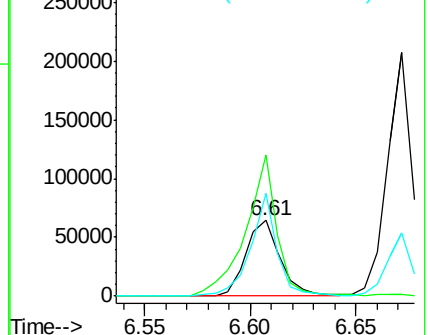
65 135.9 16.4 24.6#

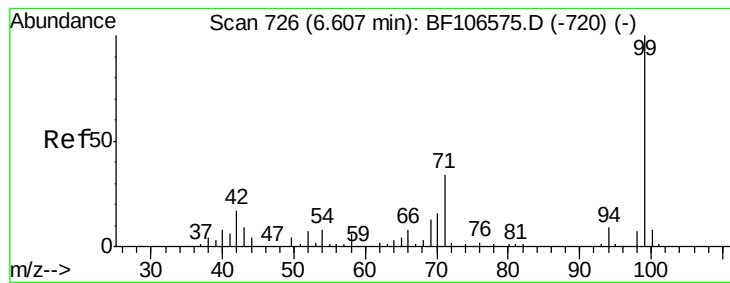


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.439 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

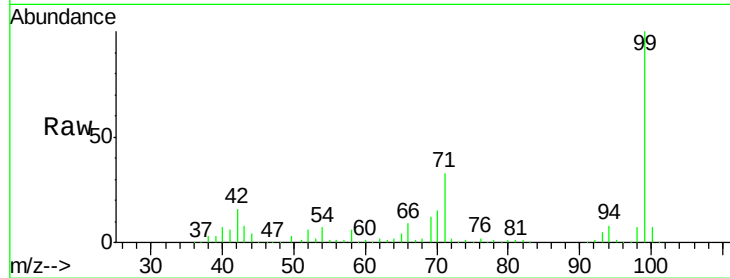
Tgt Ion: 99 Resp: 560762

Ion Ratio Lower Upper

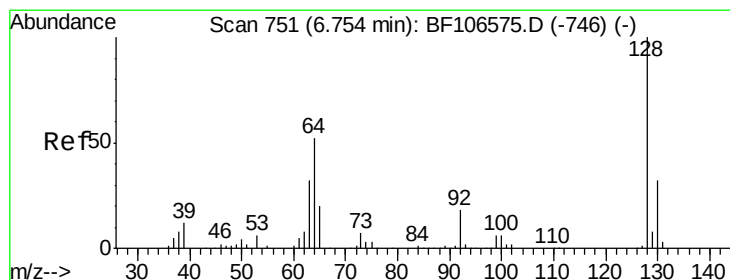
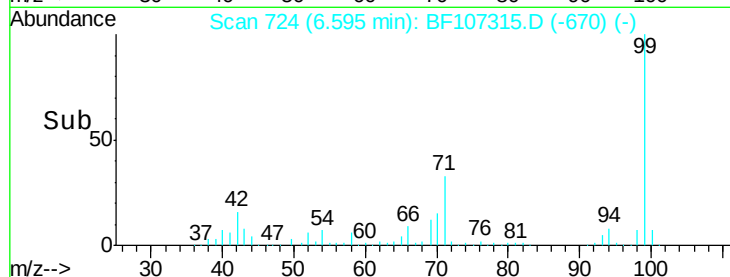
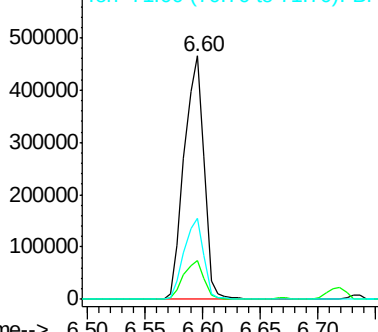
99 100

42 15.7 14.5 21.7

71 33.3 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: 34.576 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

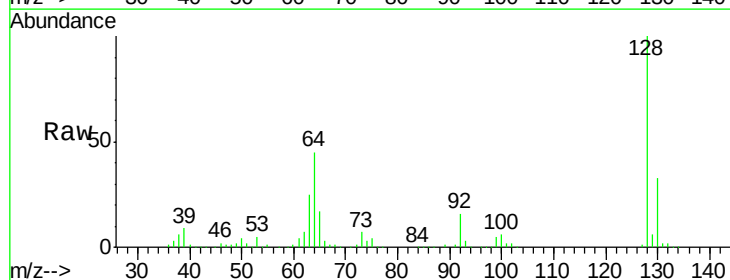
Tgt Ion: 128 Resp: 163056

Ion Ratio Lower Upper

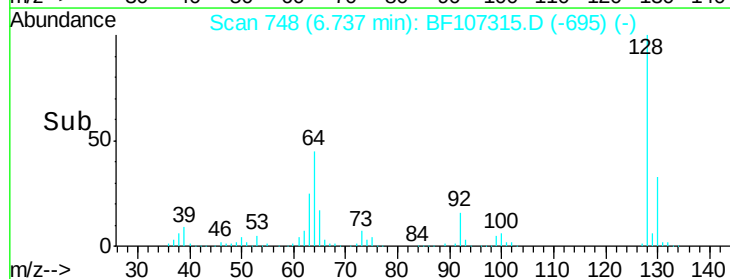
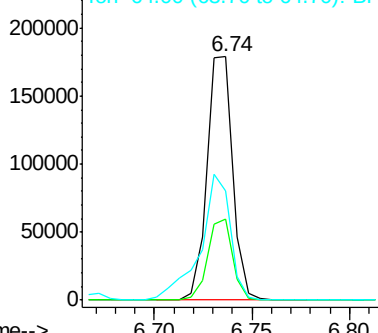
128 100

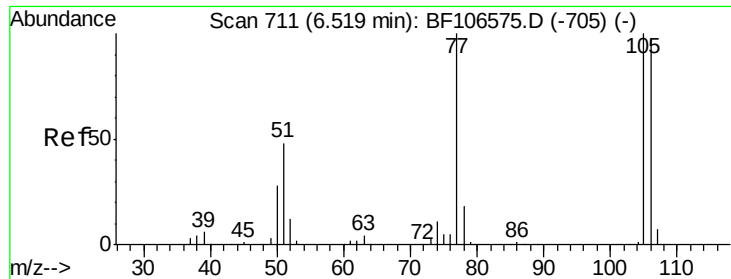
130 33.2 13.0 53.0

64 44.7 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: 27.150 ng

RT: 6.49 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

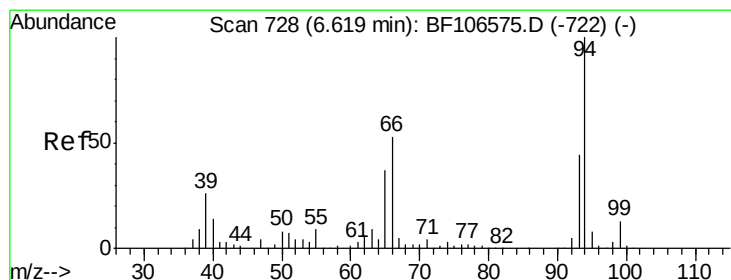
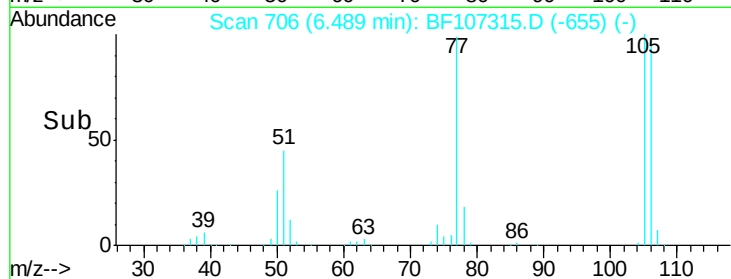
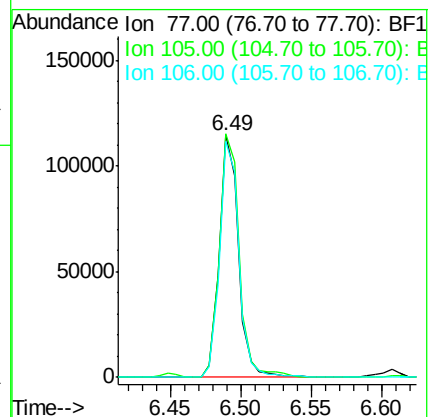
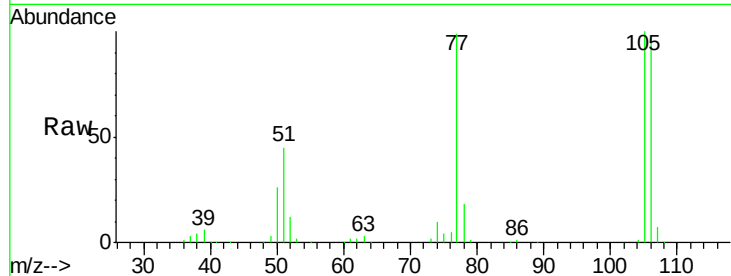
Tgt Ion: 77 Resp: 108298

Ion Ratio Lower Upper

77 100

105 100.6 81.1 121.1

106 97.2 74.5 114.5



#10

Phenol

Concen: 35.719 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.02 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

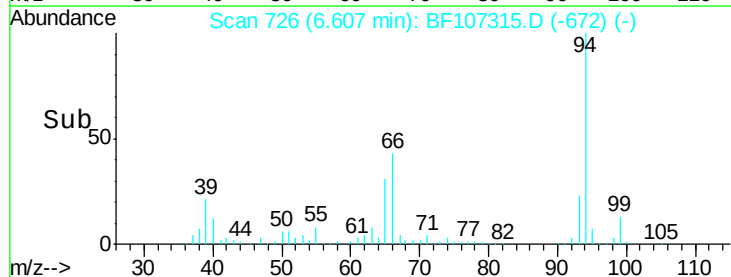
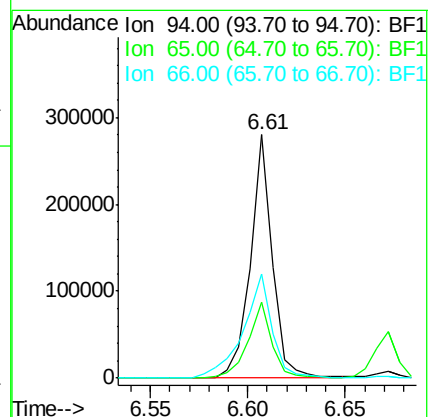
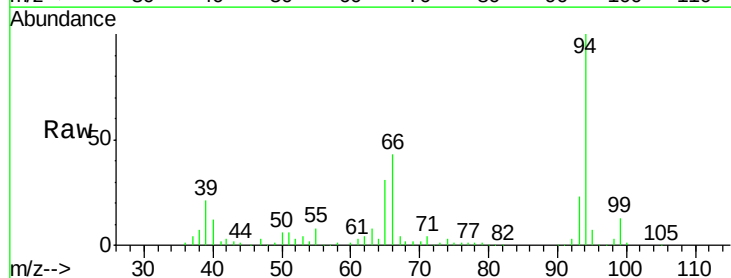
Tgt Ion: 94 Resp: 218872

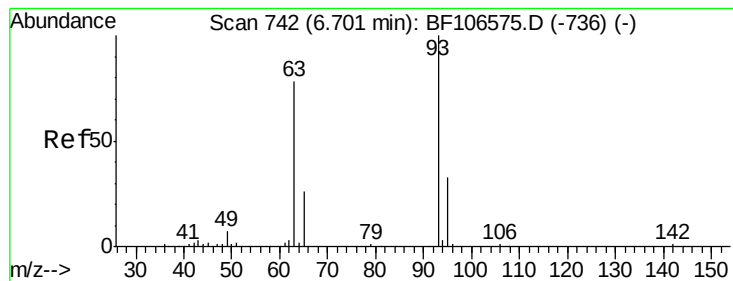
Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

66 43.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 32.702 ng

RT: 6.67 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

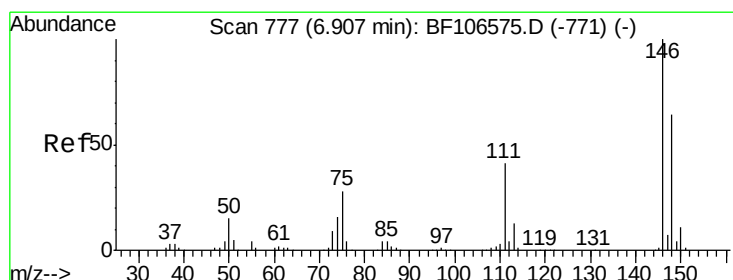
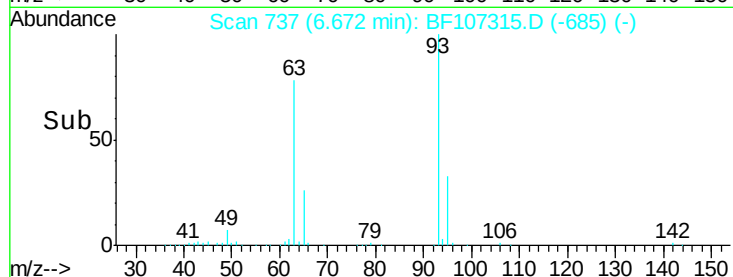
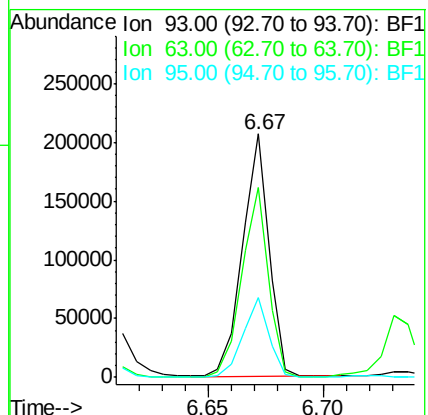
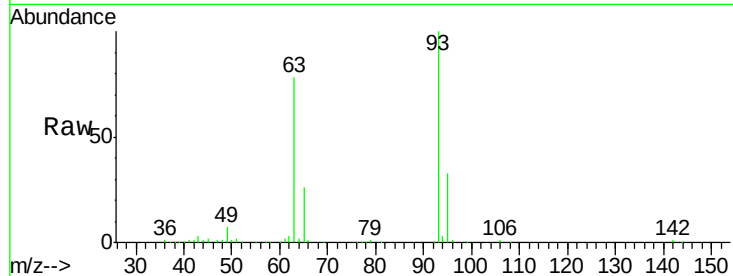
Tgt Ion: 93 Resp: 165429

Ion Ratio Lower Upper

93 100

63 77.9 58.6 98.6

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.177 ng

RT: 6.88 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

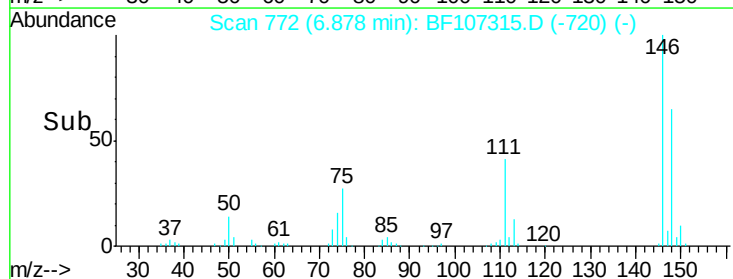
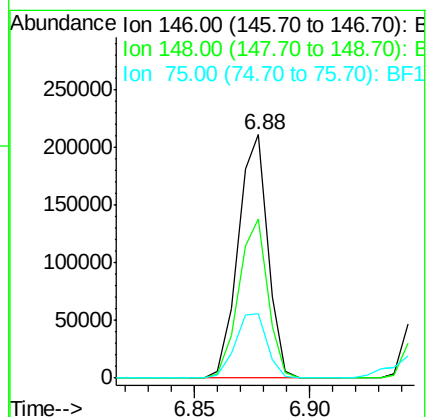
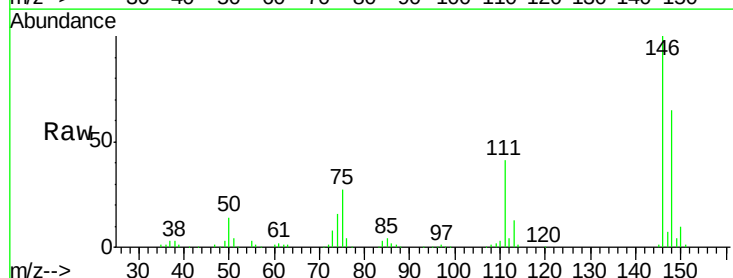
Tgt Ion: 146 Resp: 188769

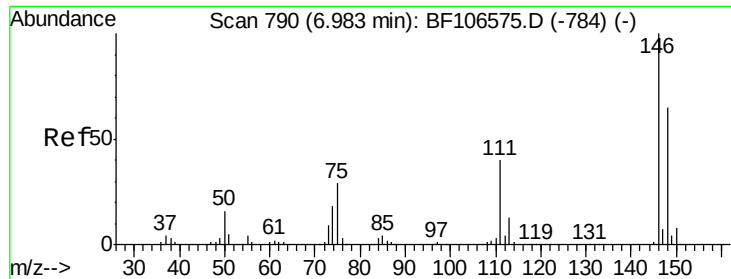
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 26.5 24.2 36.4

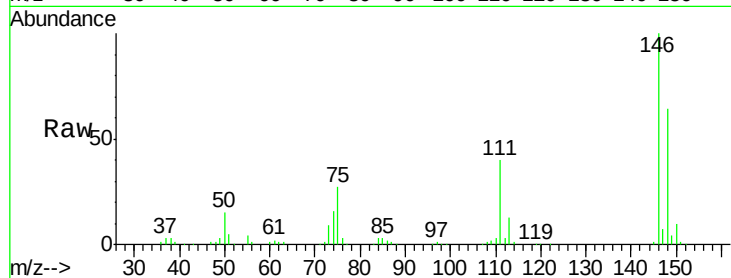




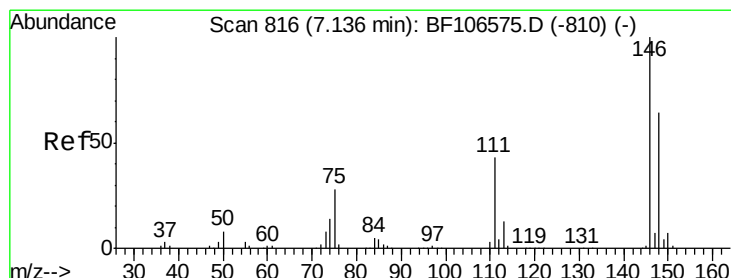
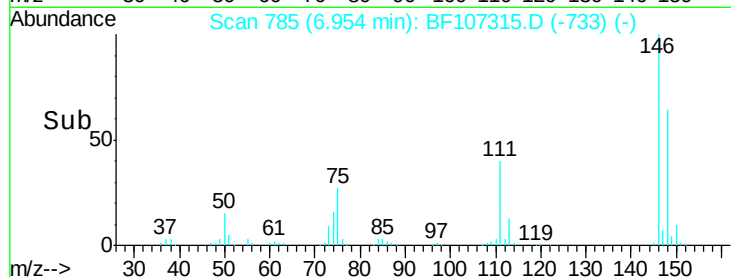
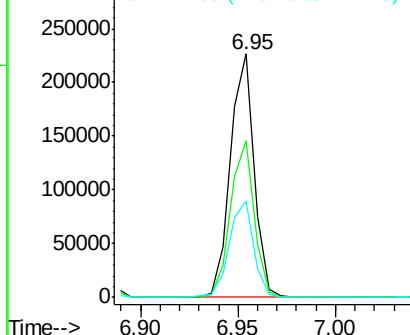
#13
 1,4-Dichlorobenzene
 Concen: 34.212 ng
 RT: 6.95 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tgt Ion:146 Resp: 191040
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 39.5 34.2 51.2

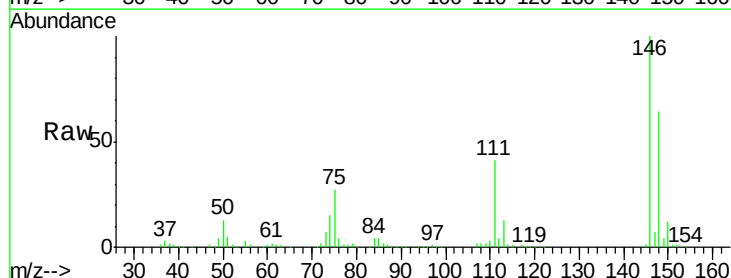


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

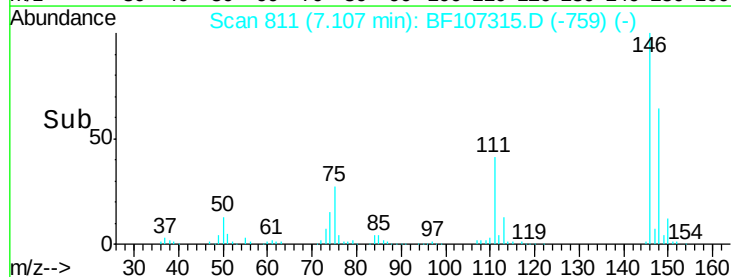
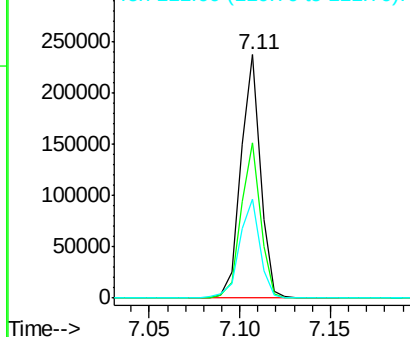


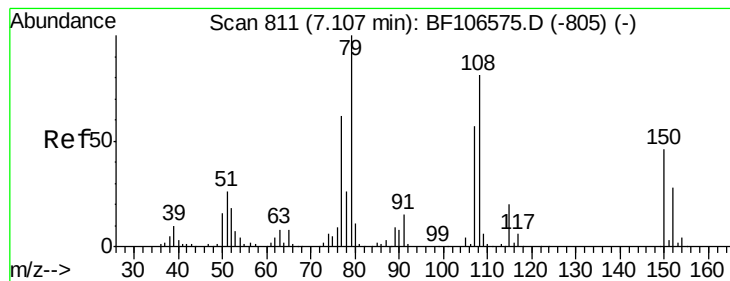
#14
 1,2-Dichlorobenzene
 Concen: 34.511 ng
 RT: 7.11 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion:146 Resp: 176613
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 40.6 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: 30.155 ng

RT: 7.08 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

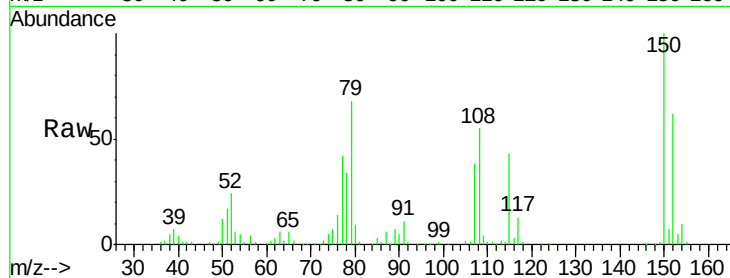
Tgt Ion: 79 Resp: 130009

Ion Ratio Lower Upper

79 100

108 80.9 65.1 97.7

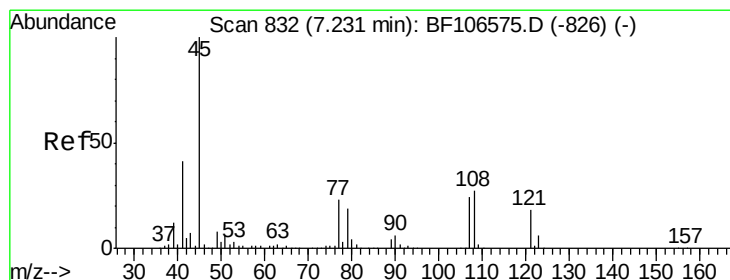
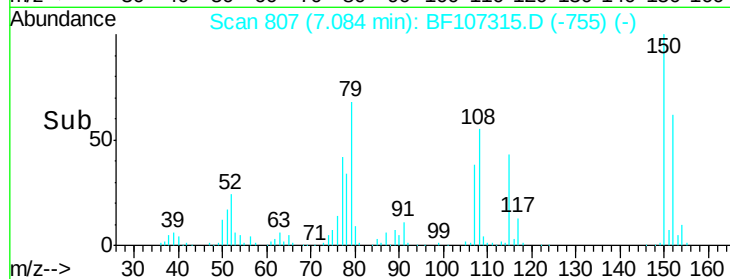
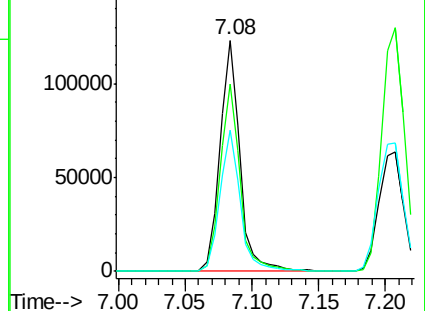
77 61.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.935 ng

RT: 7.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

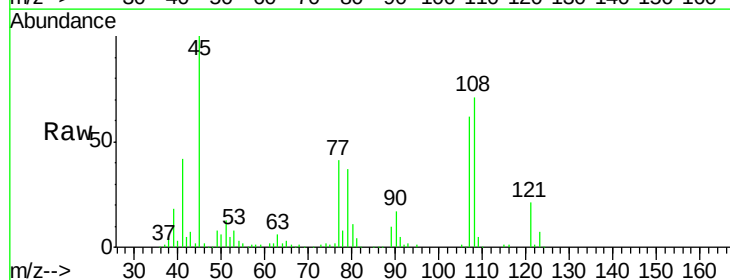
Tgt Ion: 45 Resp: 231872

Ion Ratio Lower Upper

45 100

77 40.7 0.0 32.9#

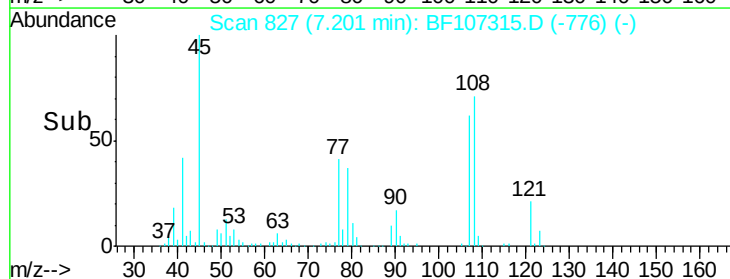
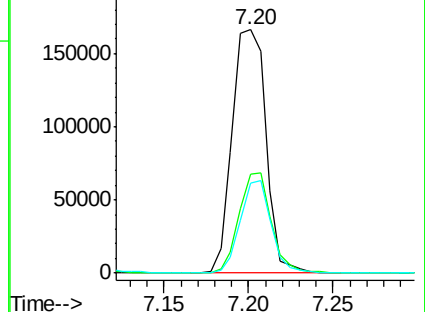
79 37.1 0.0 29.6#

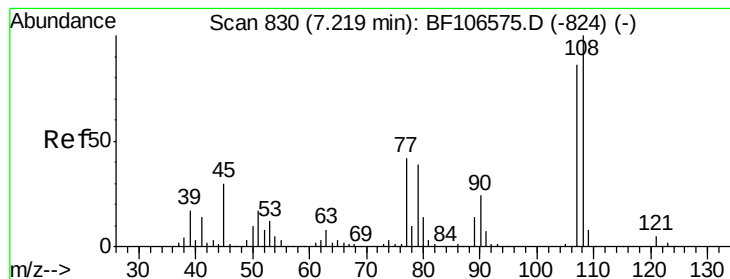


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.268 ng

RT: 7.21 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

Tgt Ion:107 Resp: 138295

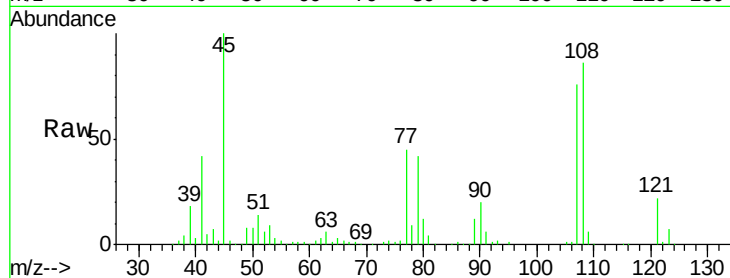
Ion Ratio Lower Upper

107 100

108 112.5 91.7 137.5

77 59.4 33.8 50.8#

79 54.9 33.8 50.8#

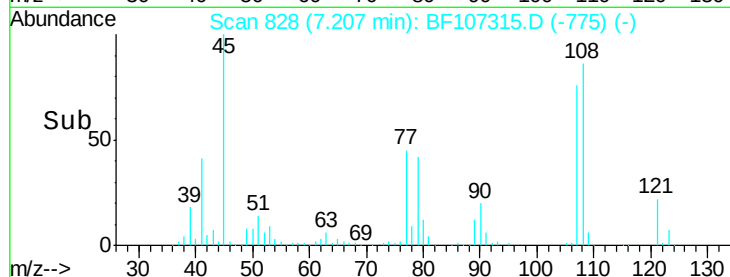


Abundance Ion 107.00 (106.70 to 107.70): E

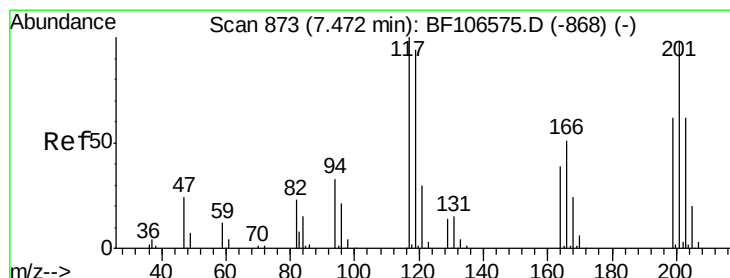
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 25.410 ng

RT: 7.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

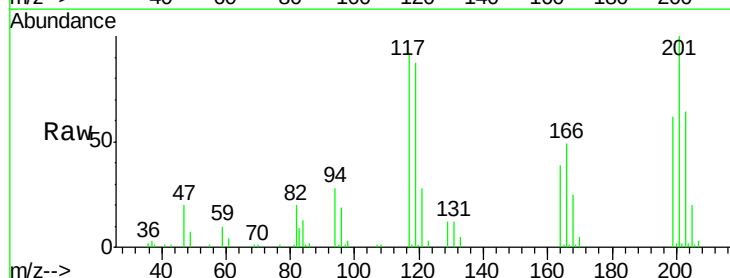
Tgt Ion:117 Resp: 49897

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

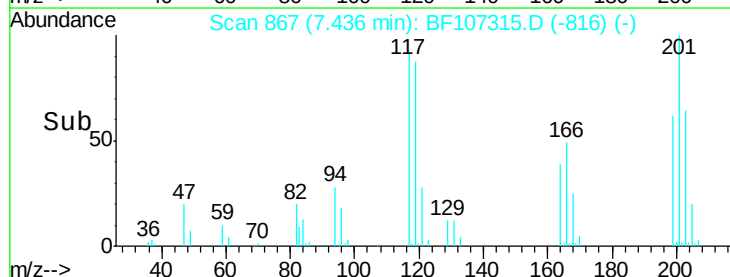
201 108.9 75.7 113.5



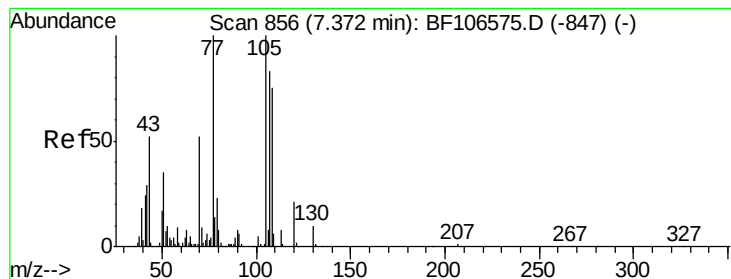
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 33.506 ng

RT: 7.35 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

Tgt Ion: 70 Resp: 118588

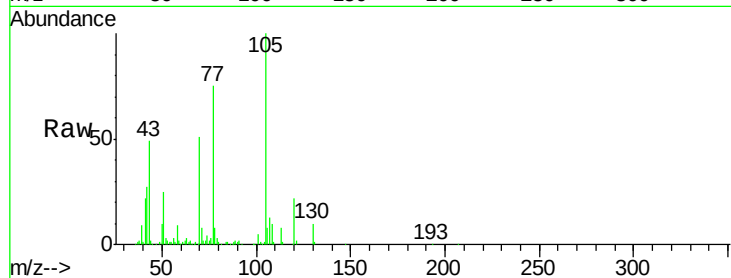
Ion Ratio Lower Upper

70 100

42 52.5 47.5 71.3

101 9.5 7.4 11.2

130 19.6 16.6 25.0

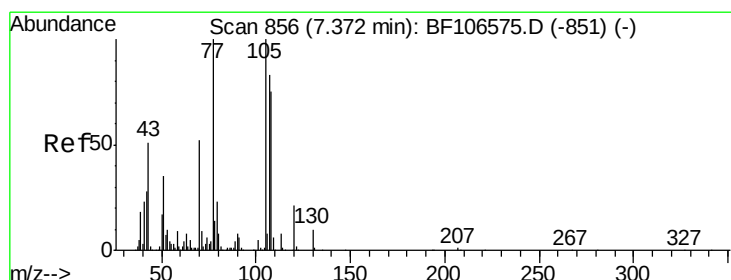
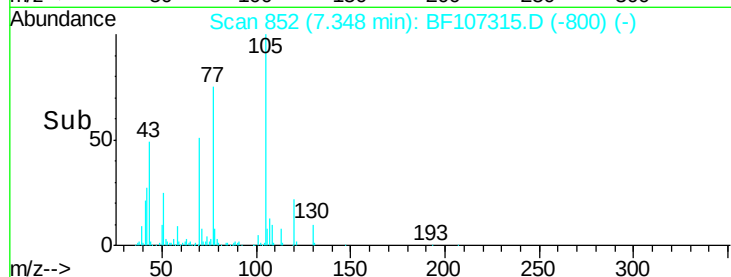
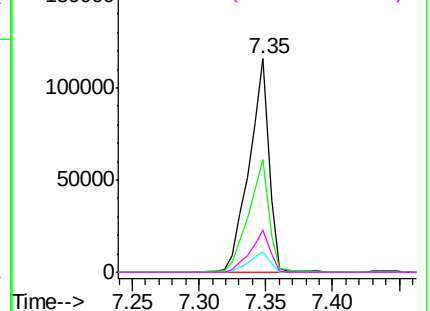


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 43.232 ng

RT: 7.36 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion: 107 Resp: 190431

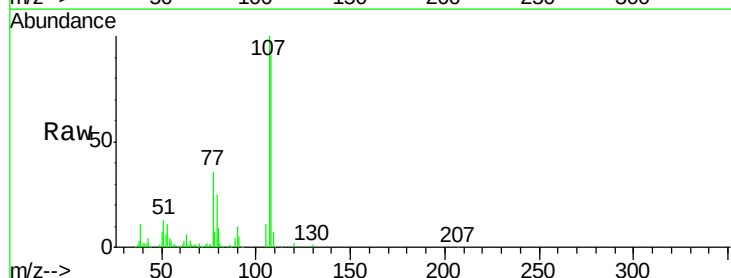
Ion Ratio Lower Upper

107 100

108 91.0 68.2 108.2

77 35.7 26.7 66.7

79 25.5 6.3 46.3

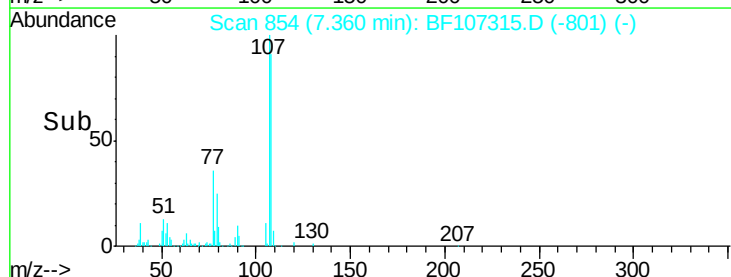
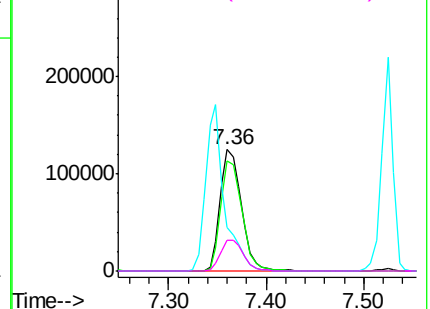


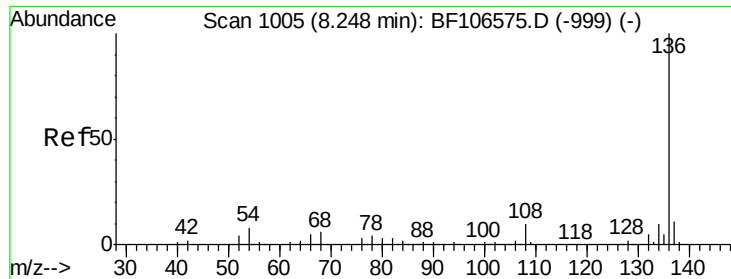
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

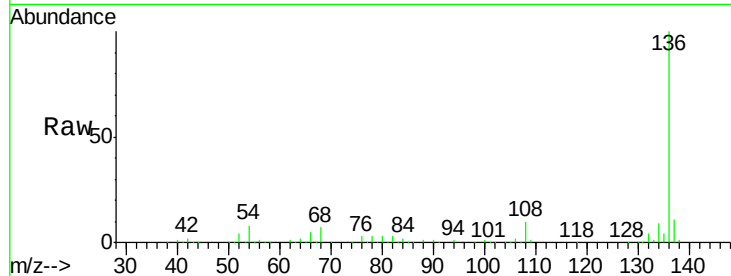




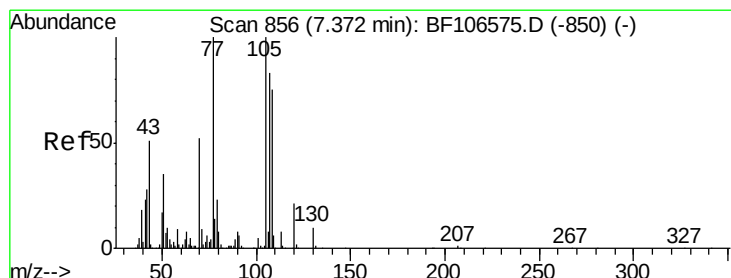
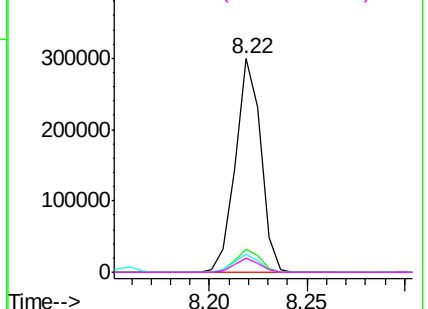
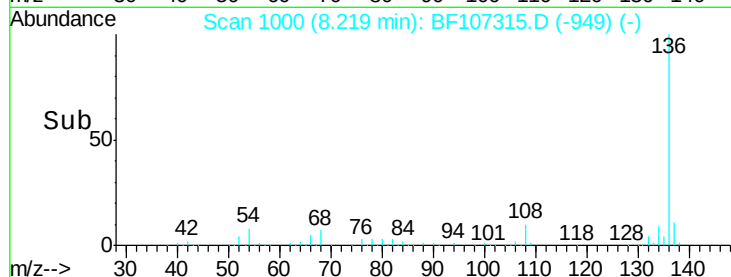
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tgt Ion:	136	Resp:	269405
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	6.7	5.0	7.4

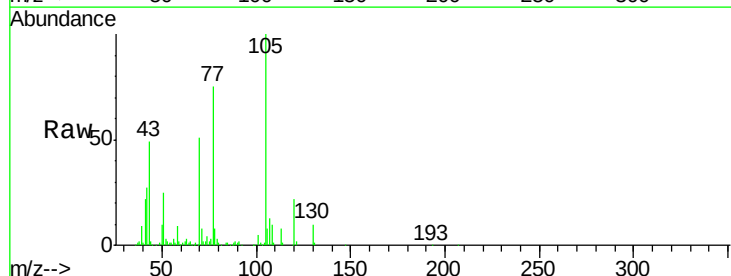


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

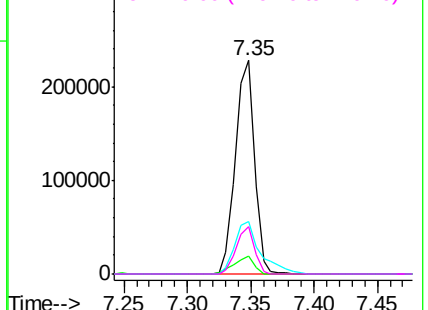
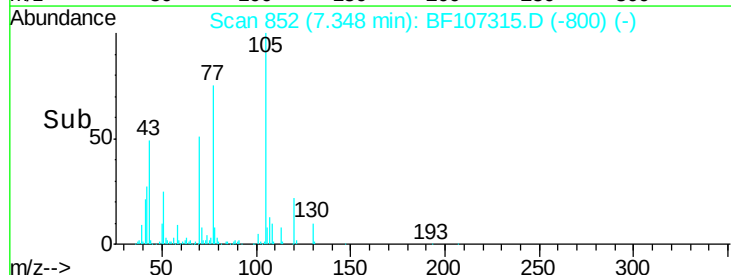


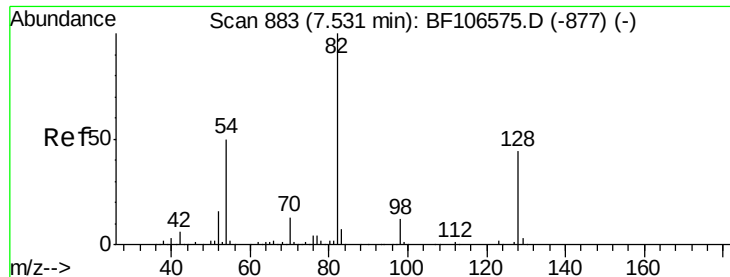
#22
Acetophenone
Concen: 39.124 ng
RT: 7.35 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:	105	Resp:	235808
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	24.7	22.3	33.5
120	22.2	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

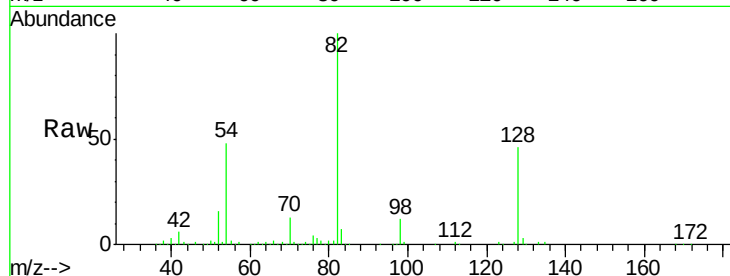




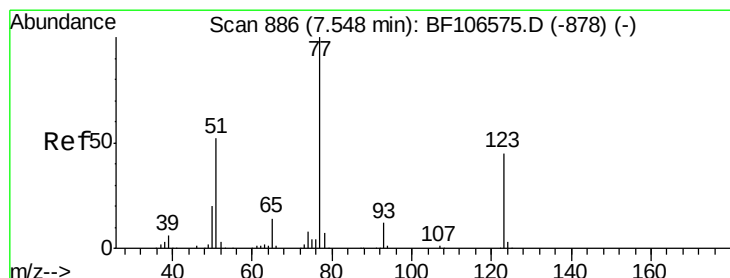
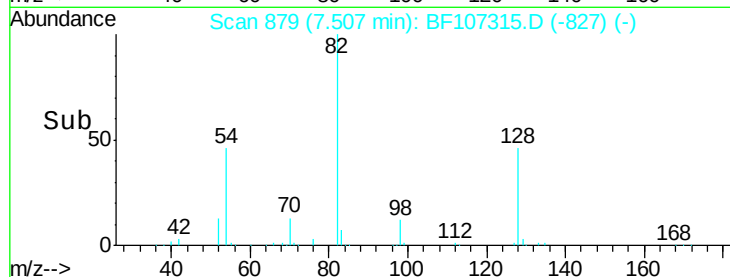
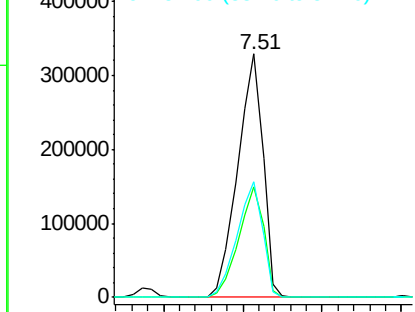
#23
 Nitrobenzene-d5
 Concen: 74.644 ng
 RT: 7.51 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tgt Ion: 82 Resp: 361854
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 47.7 41.4 62.2

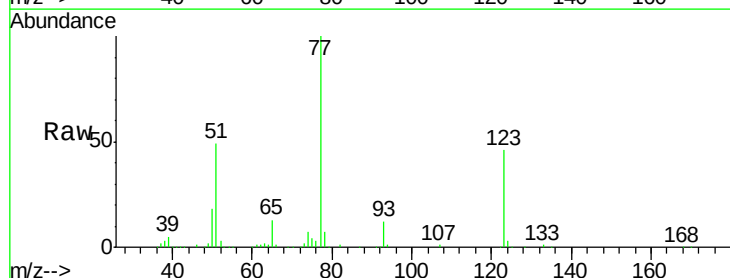


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

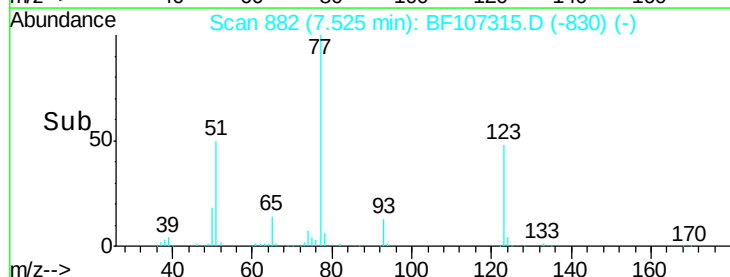
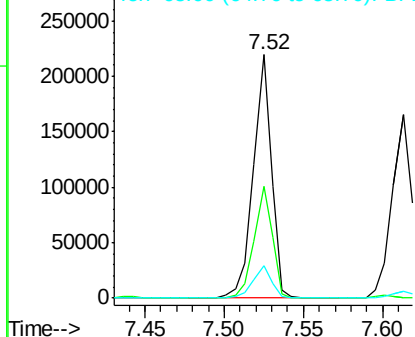


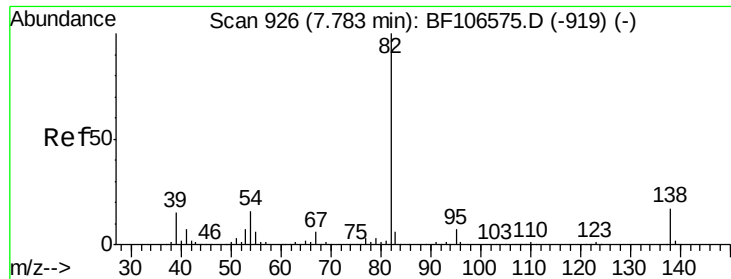
#24
 Nitrobenzene
 Concen: 35.378 ng
 RT: 7.52 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion: 77 Resp: 175096
 Ion Ratio Lower Upper
 77 100
 123 45.8 37.9 56.9
 65 13.3 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

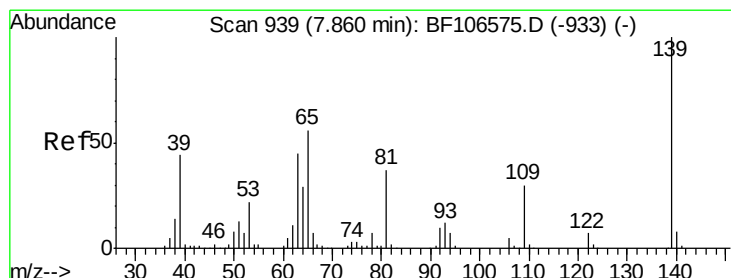
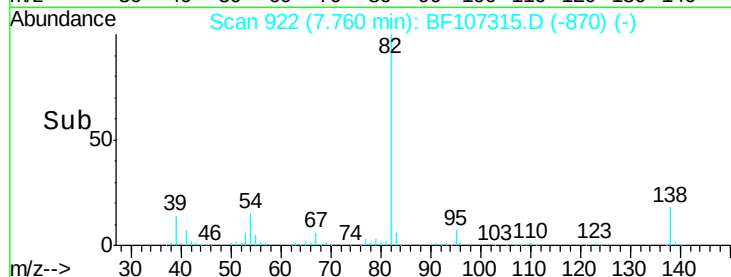
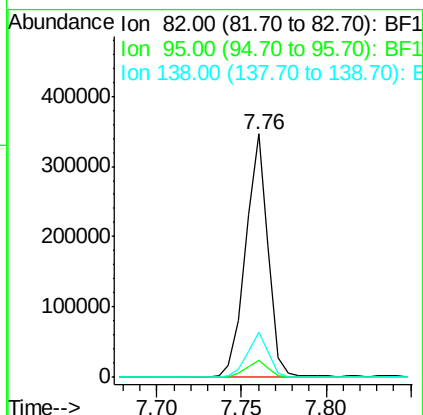
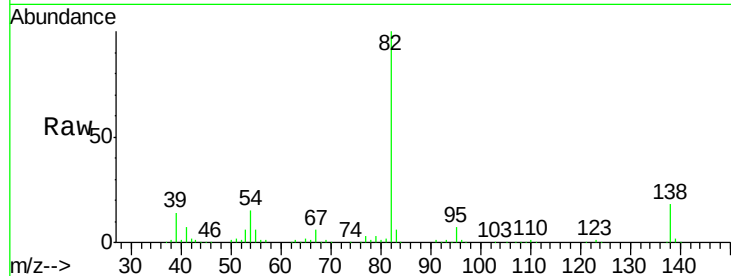




#25
Isophorone
Concen: 37.602 ng
RT: 7.76 min Scan# 922
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

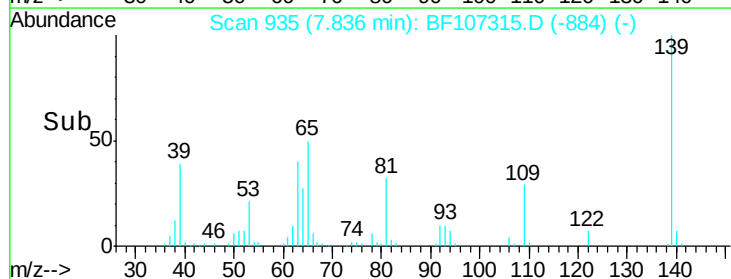
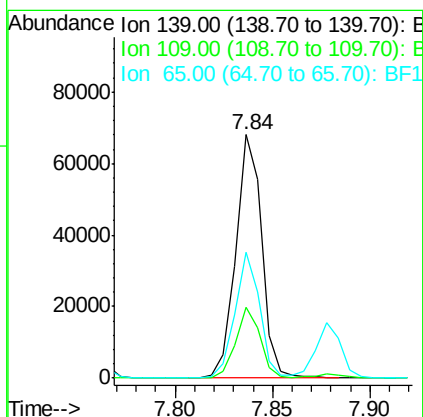
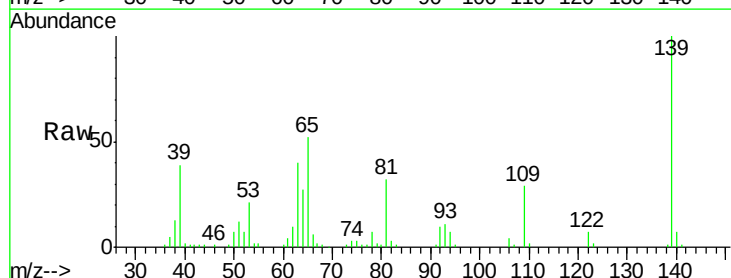
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

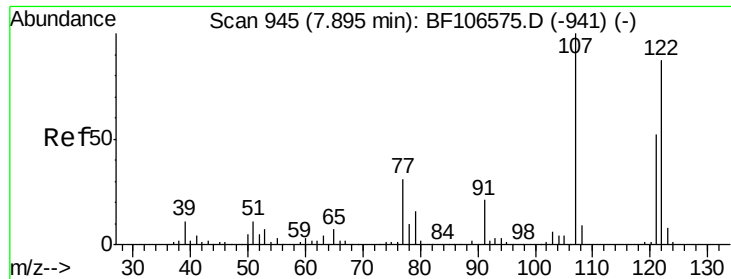
Tgt Ion: 82 Resp: 321215
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 18.3 14.9 22.3



#26
2-Nitrophenol
Concen: 26.873 ng
RT: 7.84 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion: 139 Resp: 62787
Ion Ratio Lower Upper
139 100
109 28.9 22.7 34.1
65 51.7 40.5 60.7

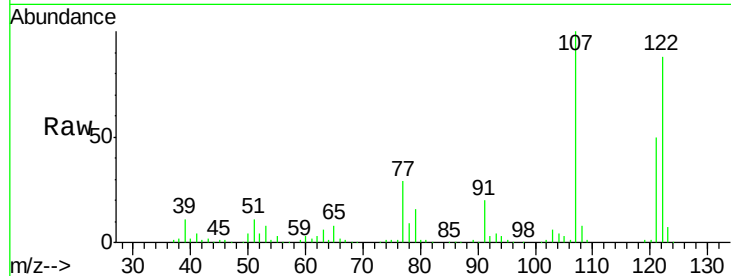




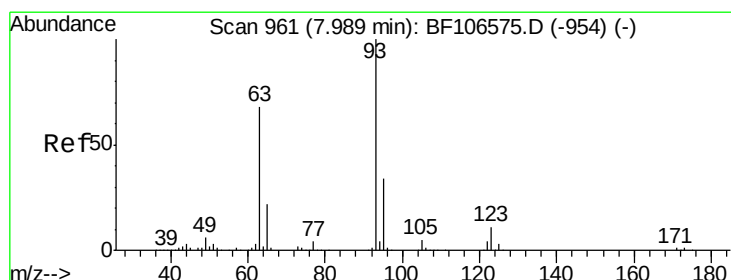
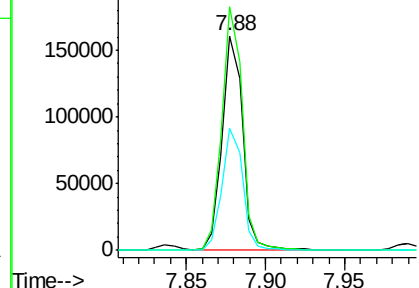
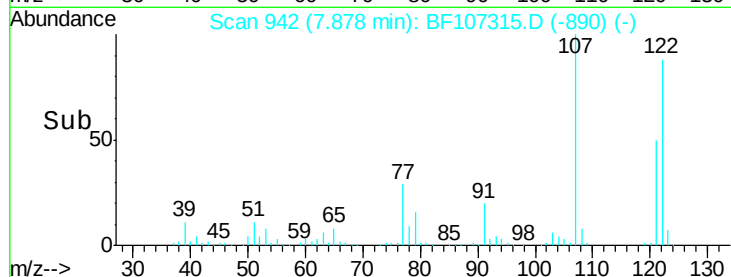
#27
 2,4-Dimethylphenol
 Concen: 40.334 ng
 RT: 7.88 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tgt Ion:122 Resp: 145659
 Ion Ratio Lower Upper
 122 100
 107 113.5 91.2 136.8
 121 56.9 47.2 70.8

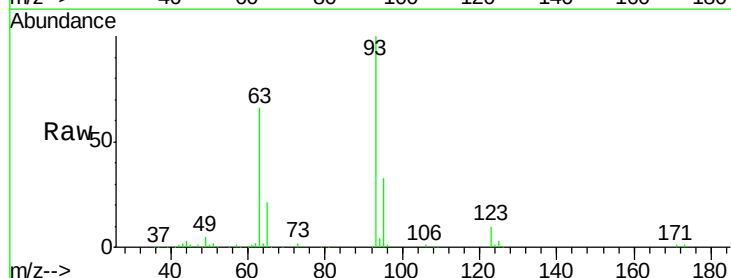


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

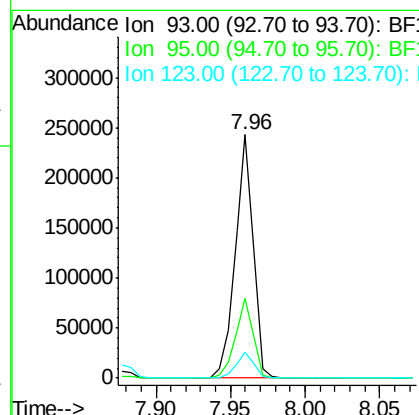
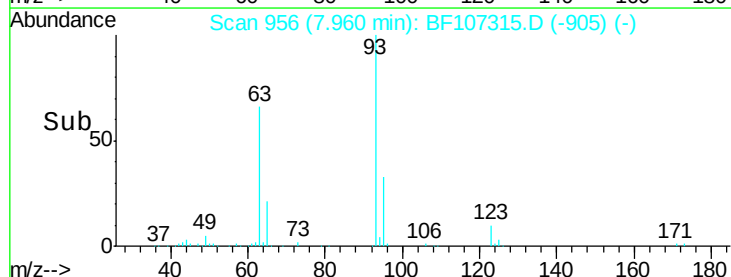


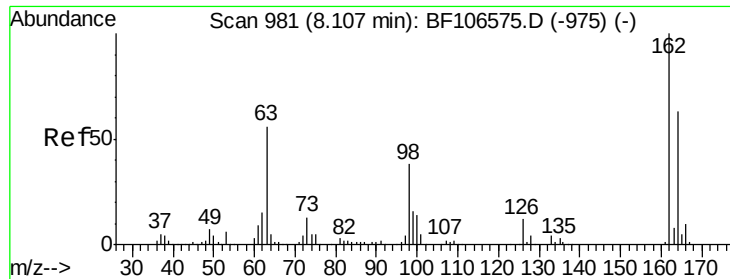
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.351 ng
 RT: 7.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion: 93 Resp: 208493
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 10.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

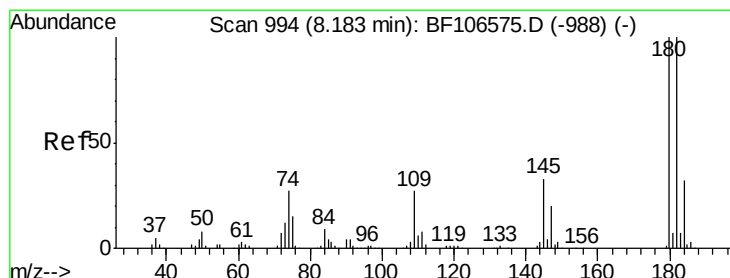
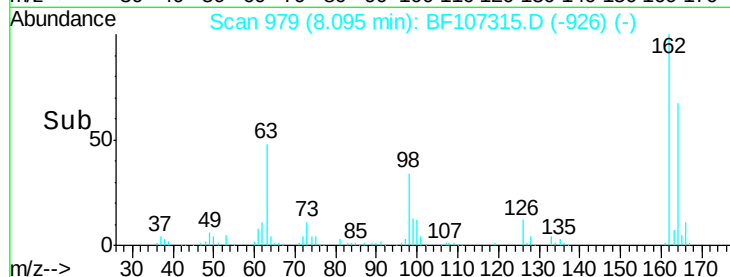
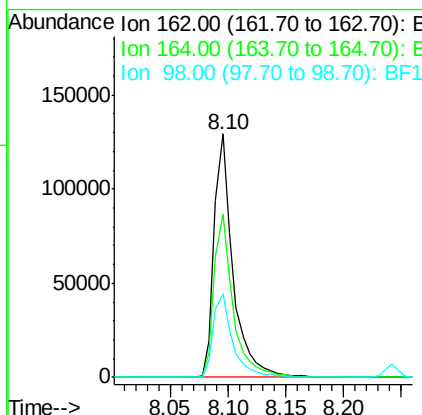
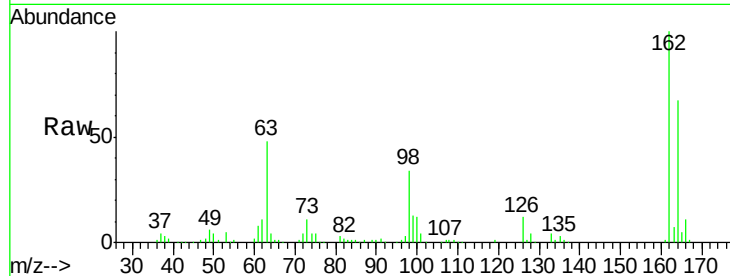




#29
2,4-Dichlorophenol
Concen: 38.664 ng
RT: 8.10 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

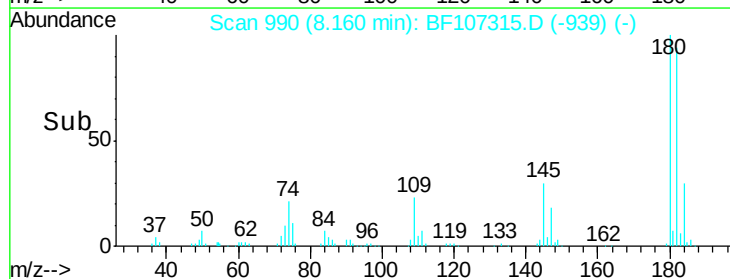
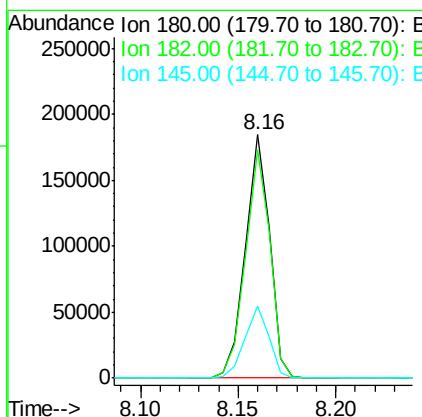
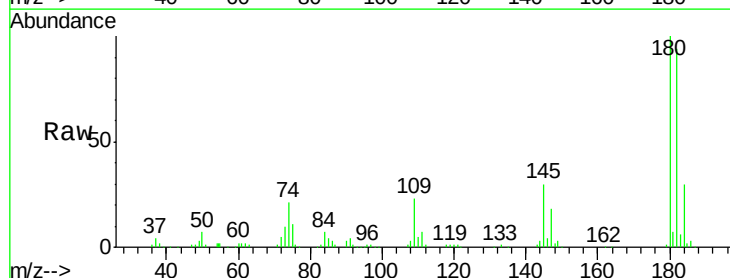
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

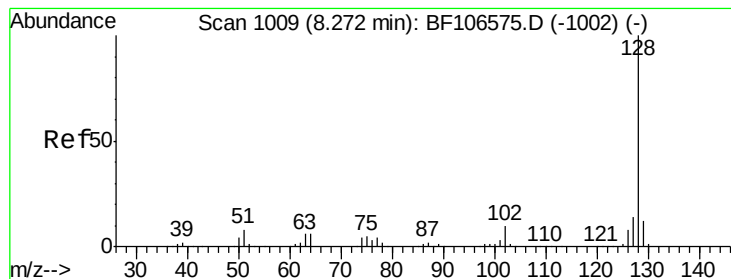
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.2	42.7	82.7
98	34.1	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 38.390 ng
RT: 8.16 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	29.8	26.5	39.7





#31

Naphthalene

Concen: 36.516 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

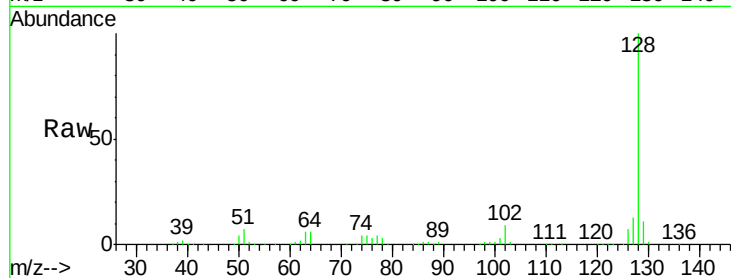
Tgt Ion:128 Resp: 459934

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

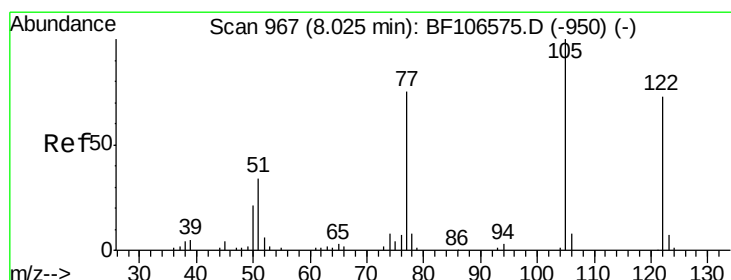
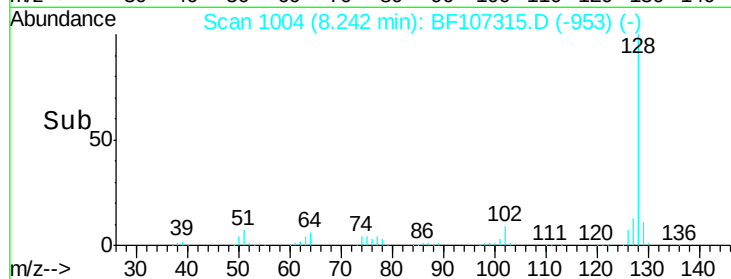
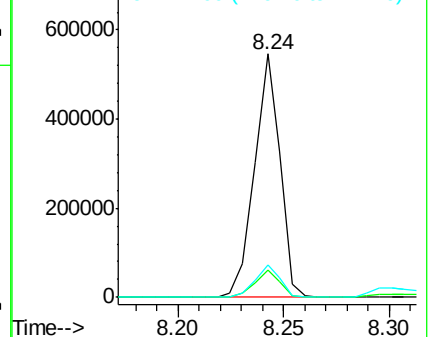
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.272 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

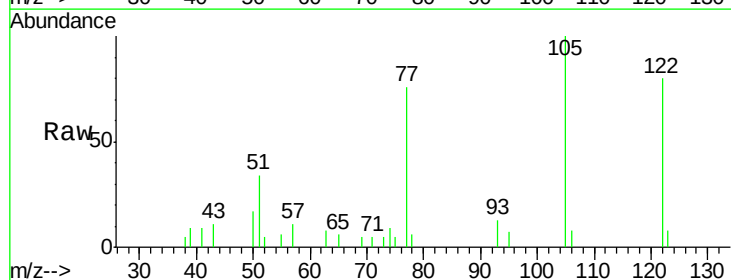
Tgt Ion:122 Resp: 7580

Ion Ratio Lower Upper

122 100

105 125.8 101.1 141.1

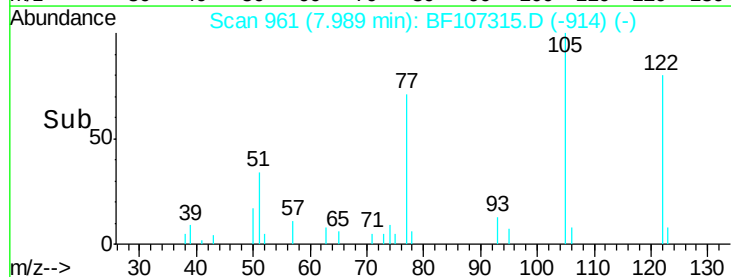
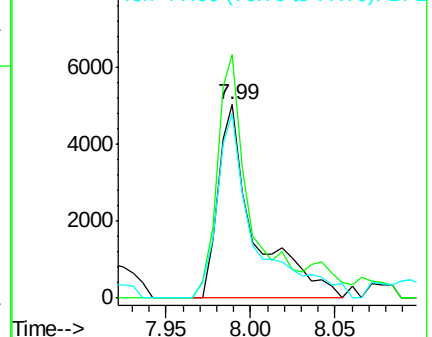
77 95.4 70.7 110.7

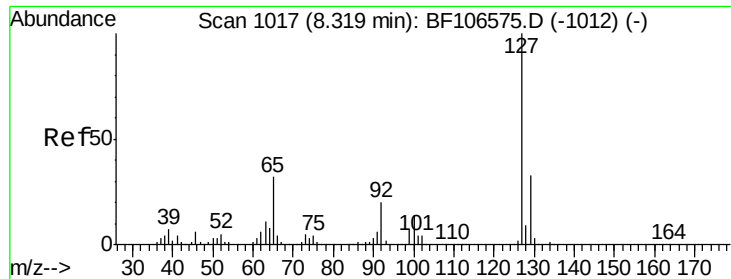


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

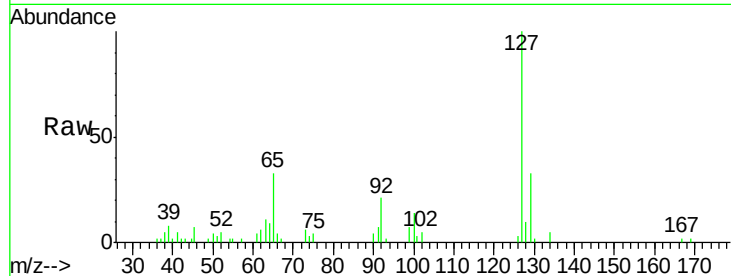




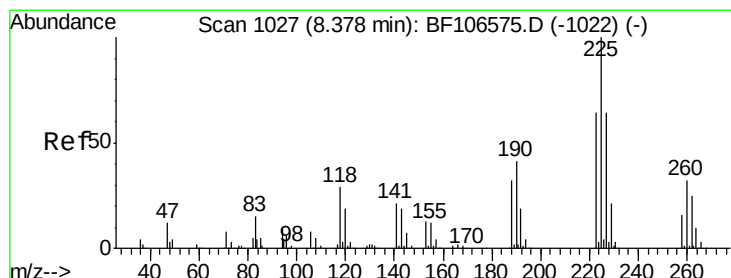
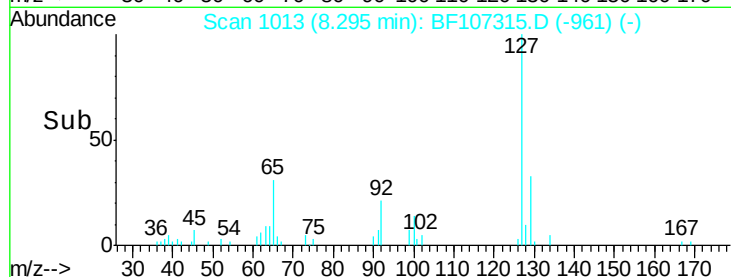
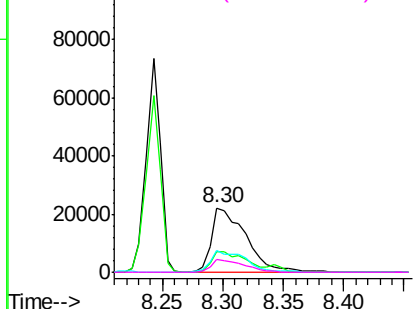
#33
4-Chloroaniline
Concen: 8.325 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tgt Ion:	127	Resp:	43996
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	33.2	25.0	37.4
92	20.6	15.2	22.8

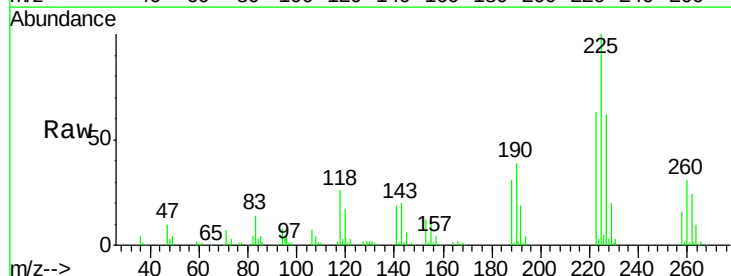


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

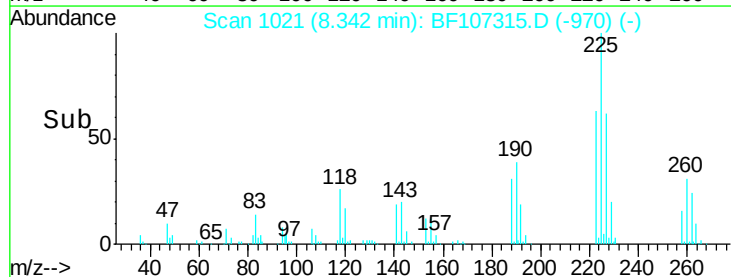
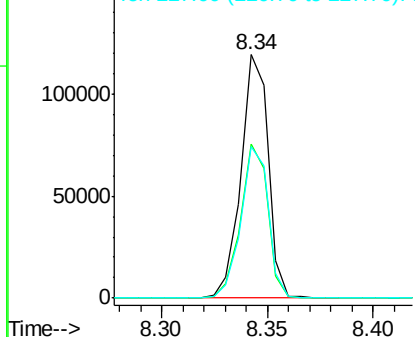


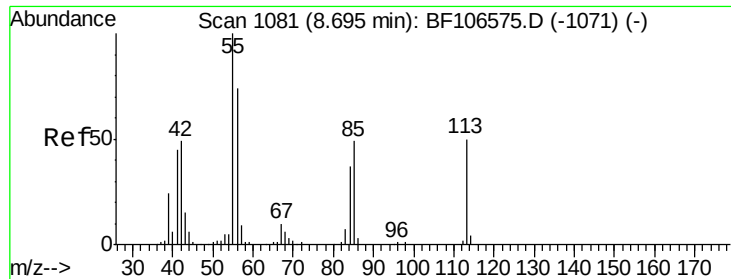
#34
Hexachlorobutadiene
Concen: 39.194 ng
RT: 8.34 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:	225	Resp:	106367
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	62.4	51.9	77.9



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





#35

Caprolactam

Concen: 32.962 ng

RT: 8.68 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

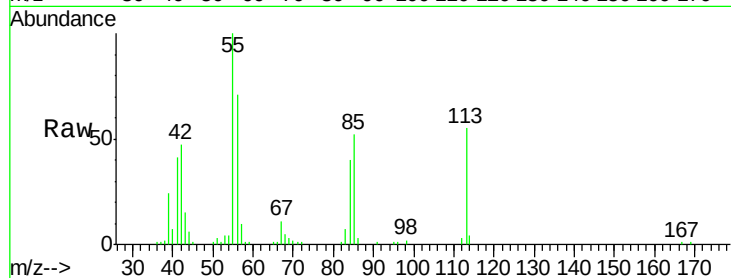
Tgt Ion:113 Resp: 40623

Ion Ratio Lower Upper

113 100

55 183.0 163.3 203.3

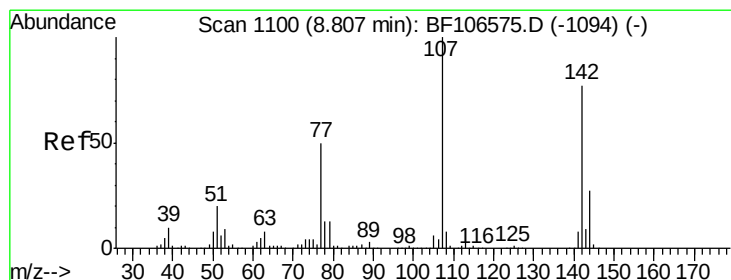
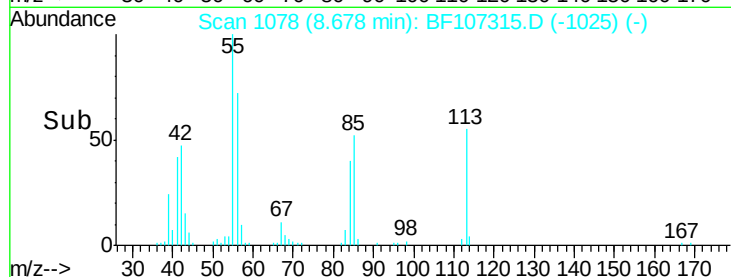
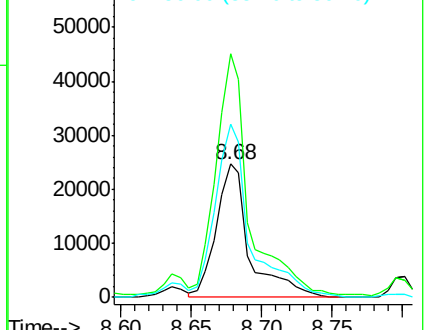
56 130.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.258 ng

RT: 8.80 min Scan# 1099

Delta R.T. 0.02 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

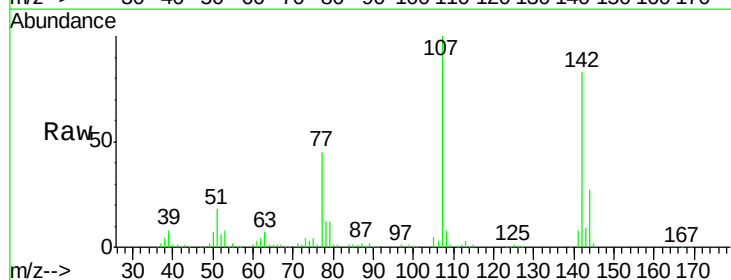
Tgt Ion:107 Resp: 140312

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

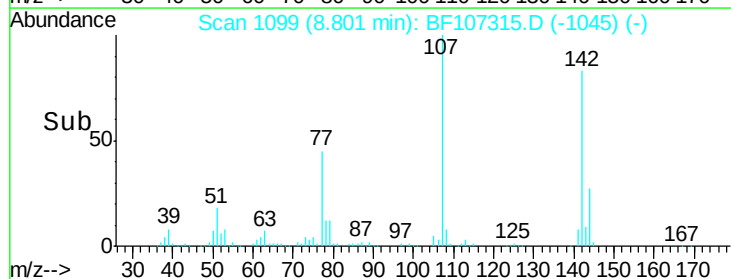
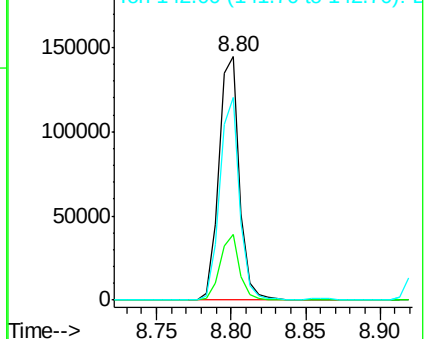
142 83.3 62.0 93.0

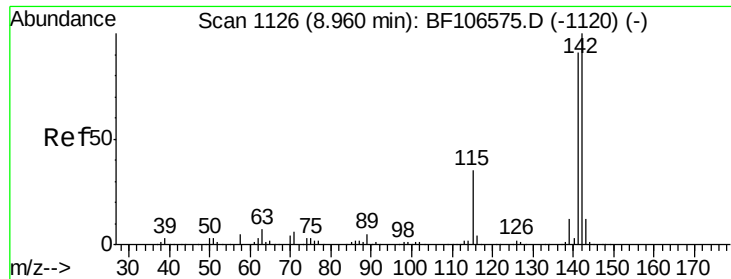


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

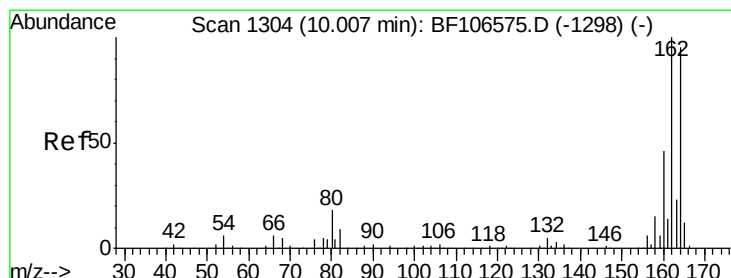
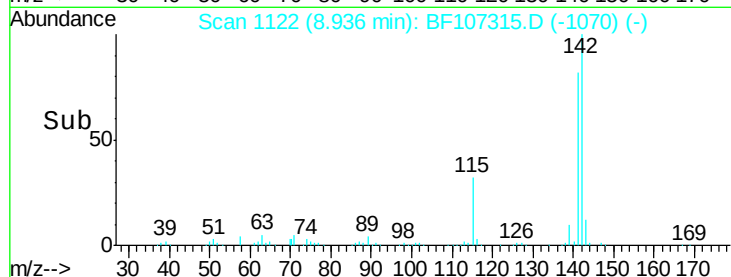
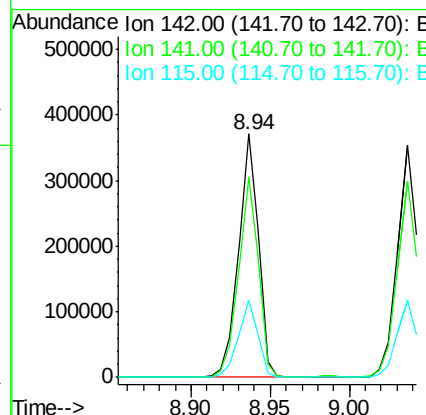
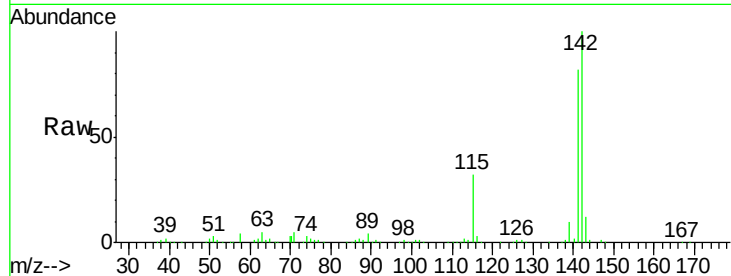




#37
2-Methylnaphthalene
Concen: 38.838 ng
RT: 8.94 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

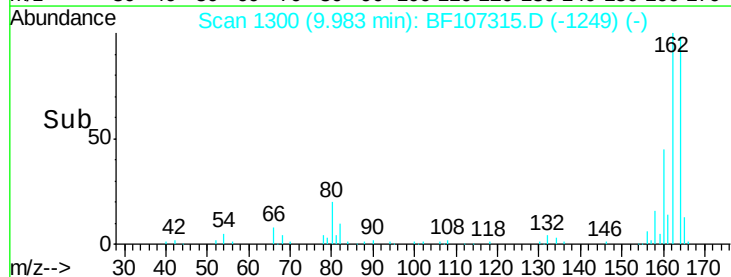
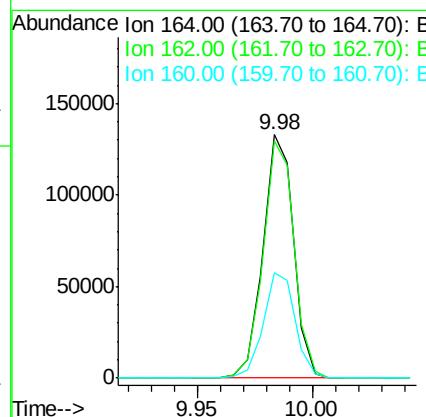
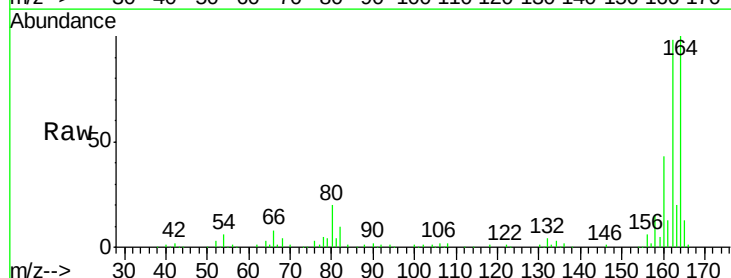
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

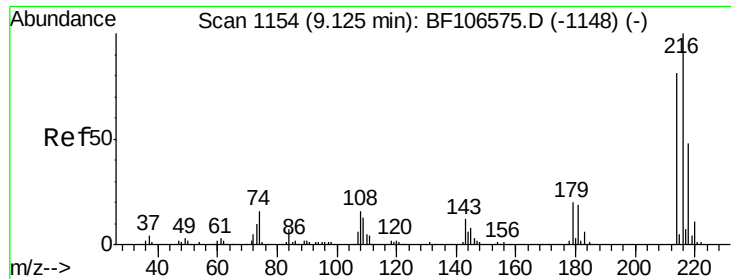
Tgt Ion:142 Resp: 324245
Ion Ratio Lower Upper
142 100
141 82.1 70.8 106.2
115 31.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:164 Resp: 122934
Ion Ratio Lower Upper
164 100
162 97.6 86.1 129.1
160 43.5 38.3 57.5

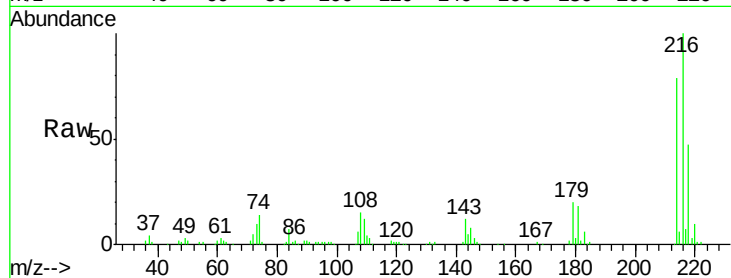




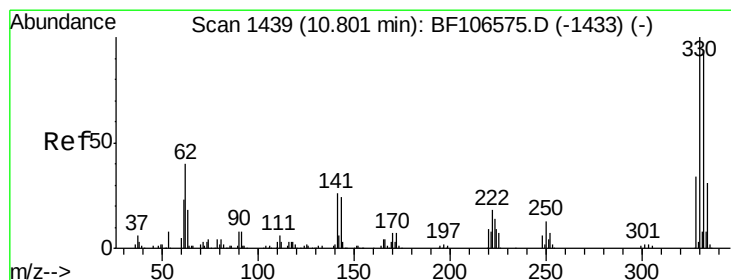
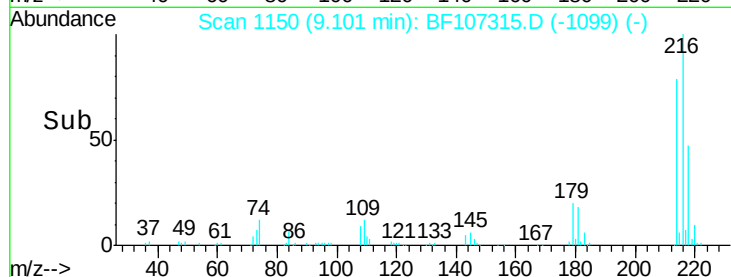
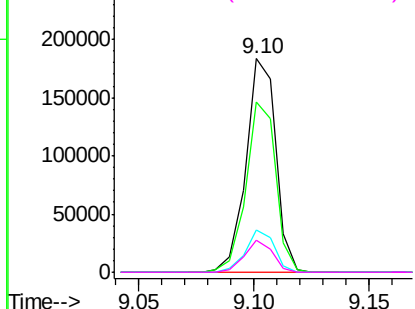
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.093 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tgt Ion:	216	Resp:	165987
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.2	18.1	27.1
108	14.2	17.2	25.8

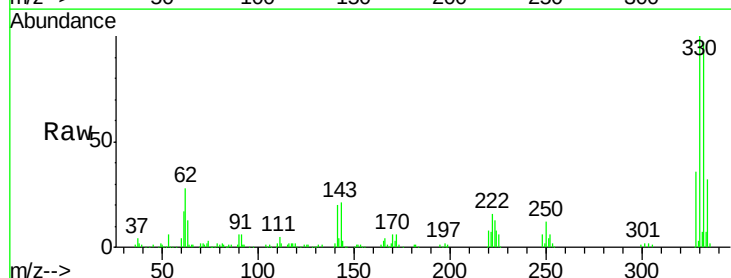


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

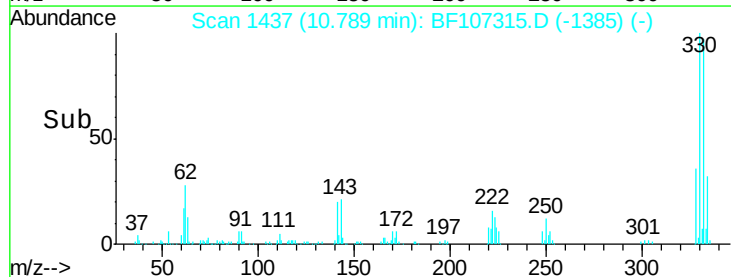
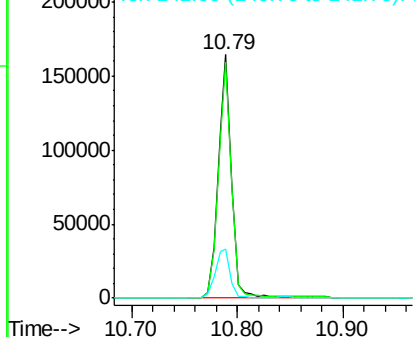


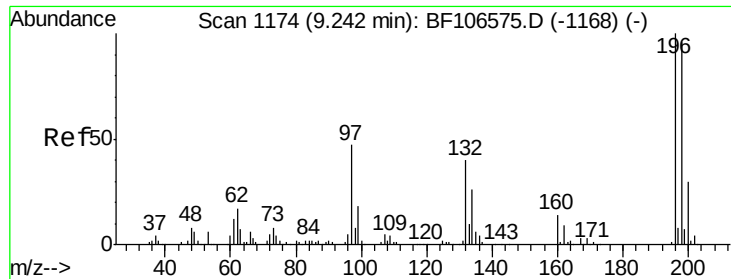
#41
 2,4,6-Tribromophenol
 Concen: 104.090 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion:	330	Resp:	148311
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	22.6	29.9	44.9



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

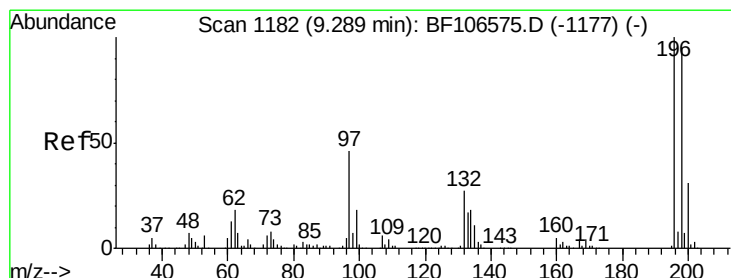
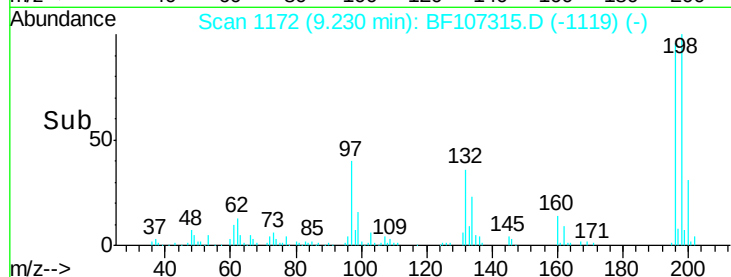
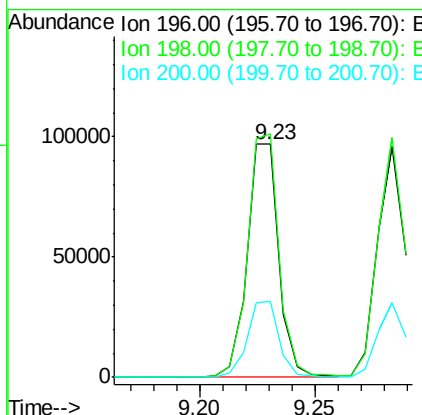
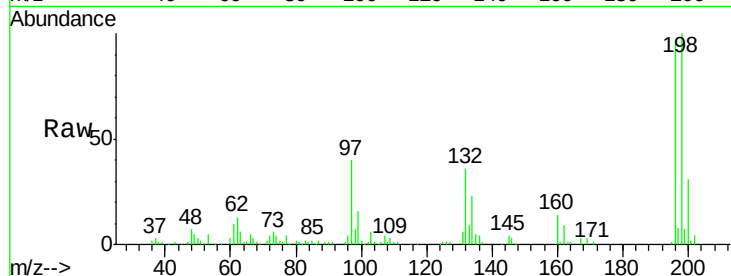




#42
 2,4,6-Trichlorophenol
 Concen: 33.810 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

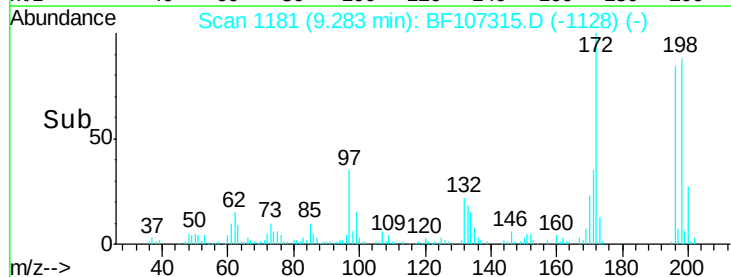
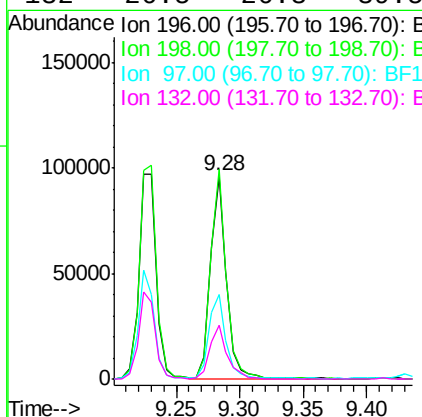
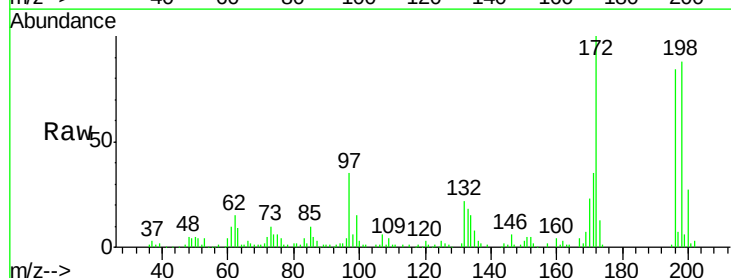
Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

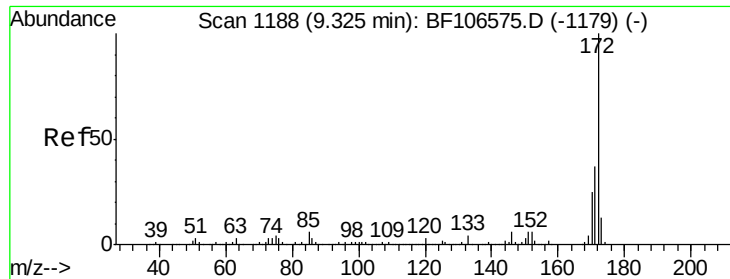
Tgt Ion:196 Resp: 93044
 Ion Ratio Lower Upper
 196 100
 198 104.6 75.7 113.5
 200 32.7 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 30.305 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion:196 Resp: 87022
 Ion Ratio Lower Upper
 196 100
 198 104.1 74.6 112.0
 97 42.0 42.9 64.3#
 132 26.5 26.3 39.5

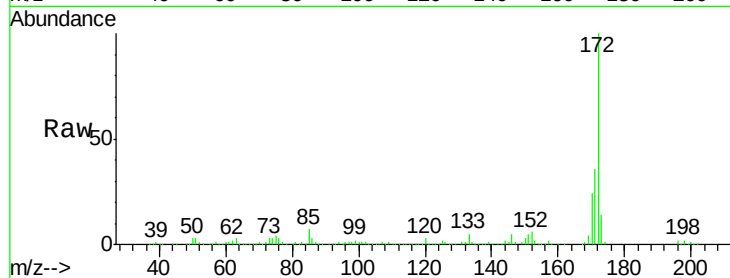




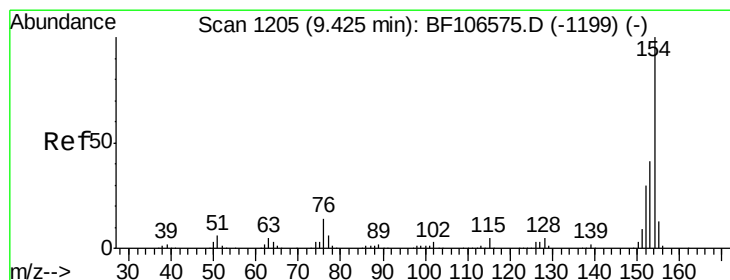
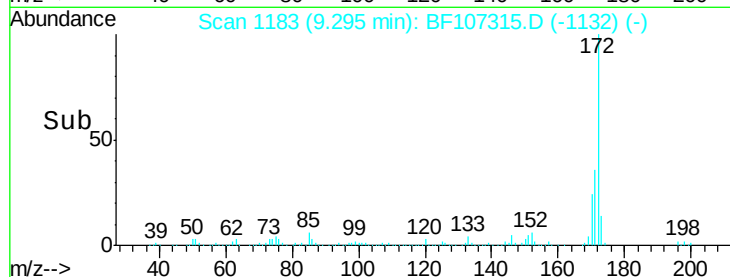
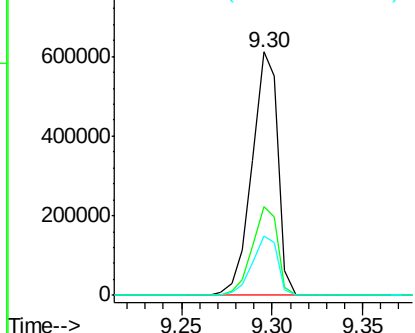
#44
 2-Fluorobiphenyl
 Concen: 83.051 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tgt Ion:172 Resp: 605648
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 19.6 29.4

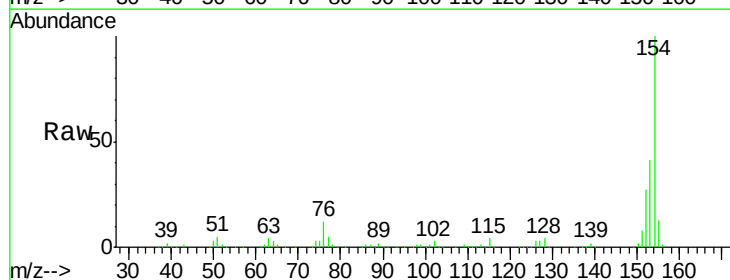


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

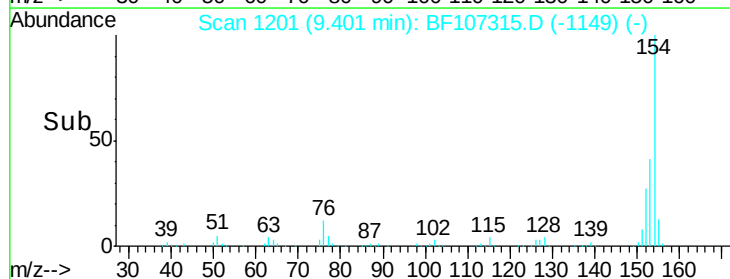
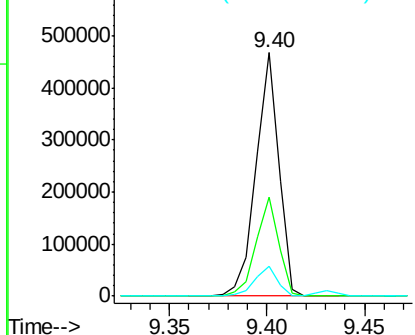


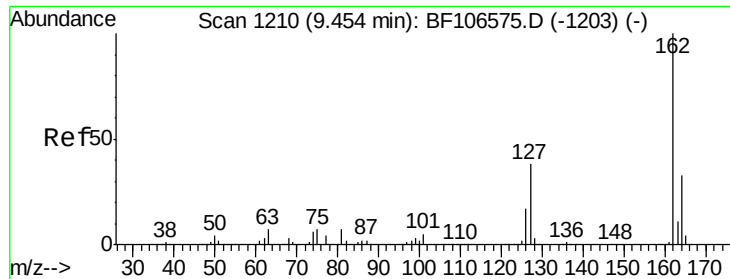
#45
 1,1'-Biphenyl
 Concen: 38.732 ng
 RT: 9.40 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion:154 Resp: 379469
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 12.0 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

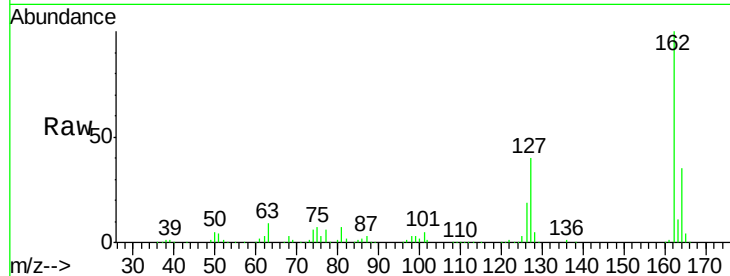




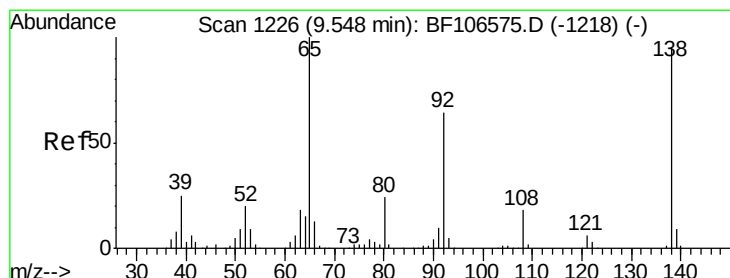
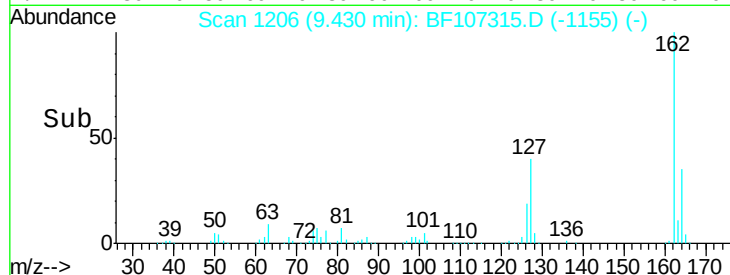
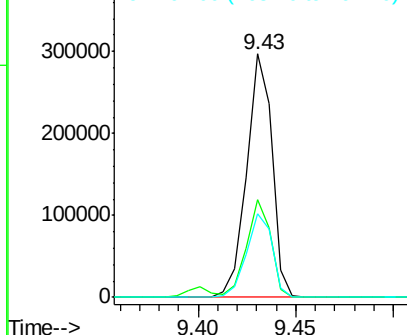
#46
 2-Chloronaphthalene
 Concen: 34.697 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tgt Ion: 162 Resp: 267581
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.9 50.9
 164 34.6 26.5 39.7

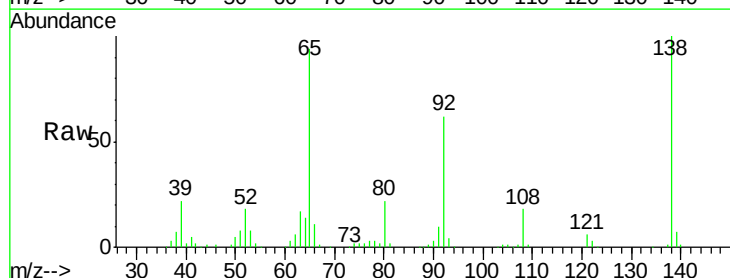


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

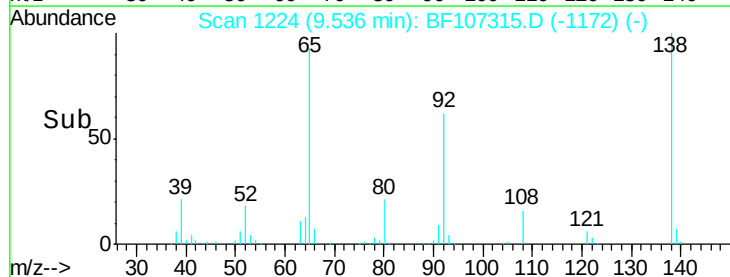
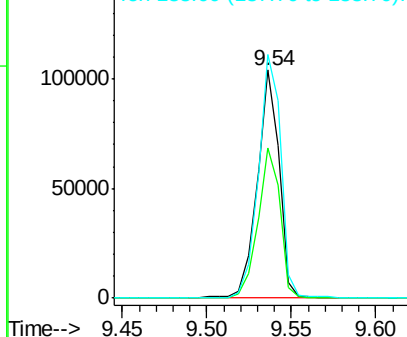


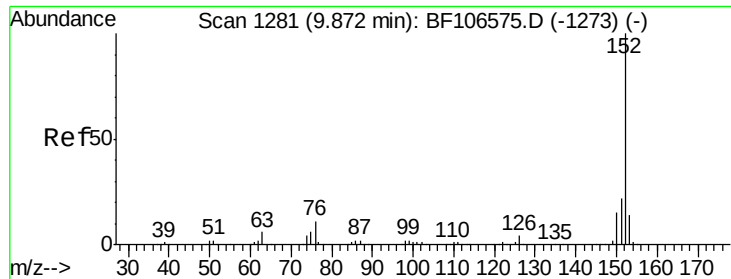
#47
 2-Nitroaniline
 Concen: 36.227 ng
 RT: 9.54 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion: 65 Resp: 93945
 Ion Ratio Lower Upper
 65 100
 92 65.7 55.8 83.6
 138 106.8 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 38.974 ng

RT: 9.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

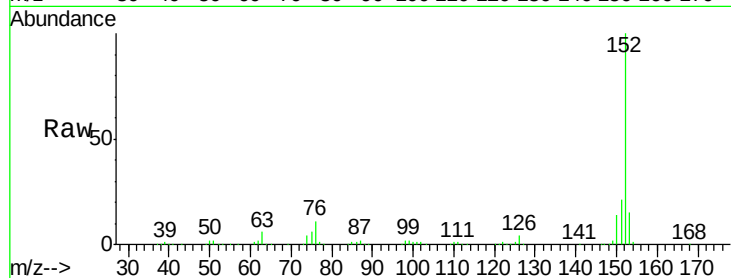
Tgt Ion:152 Resp: 474520

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

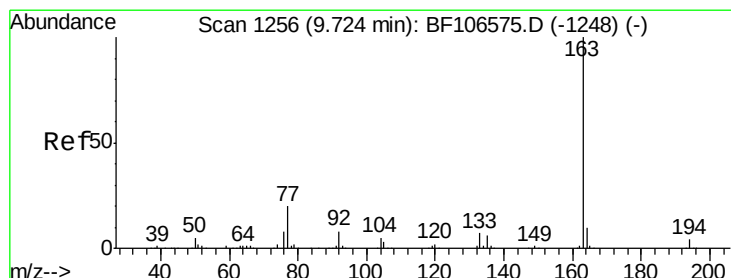
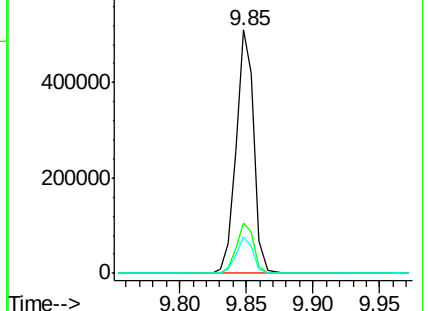
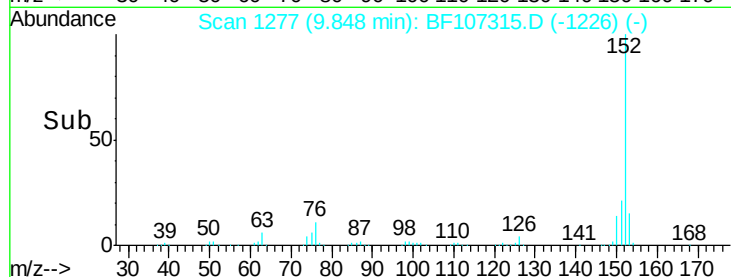
153 14.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 48.889 ng

RT: 9.70 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

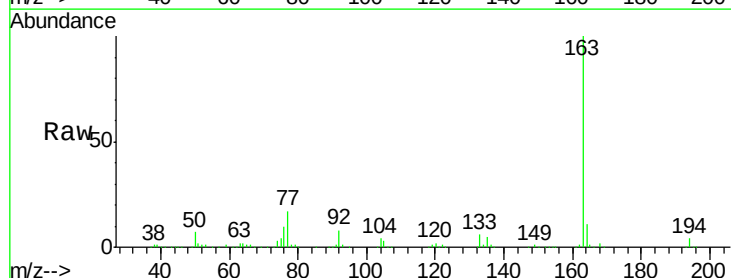
Tgt Ion:163 Resp: 450770

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

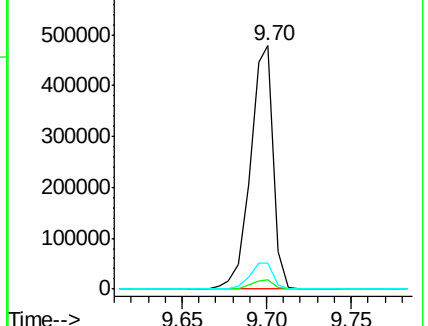
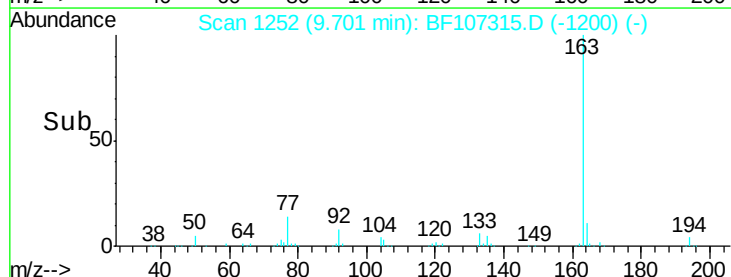
164 10.5 8.2 12.2

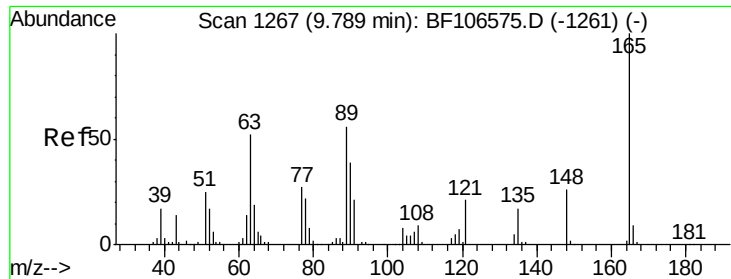


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

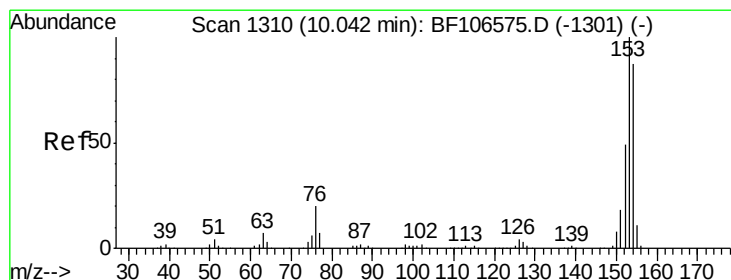
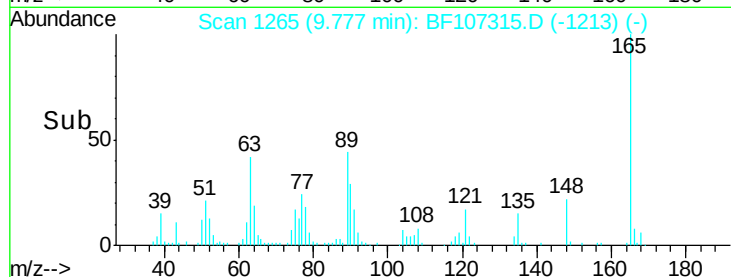
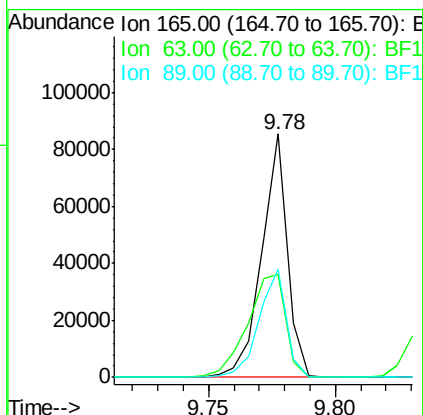
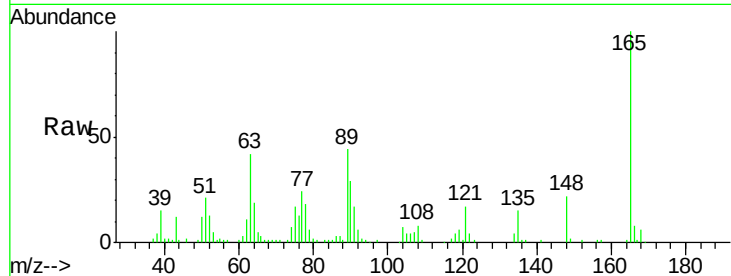




#50
2,6-Dinitrotoluene
Concen: 30.922 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

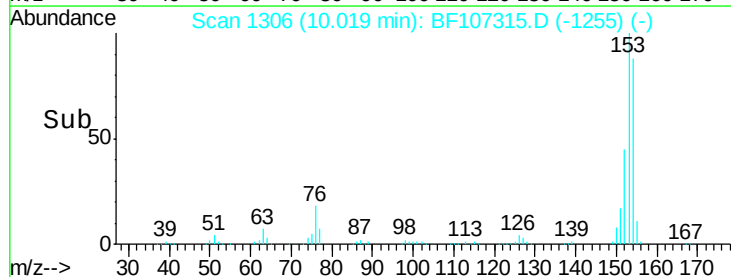
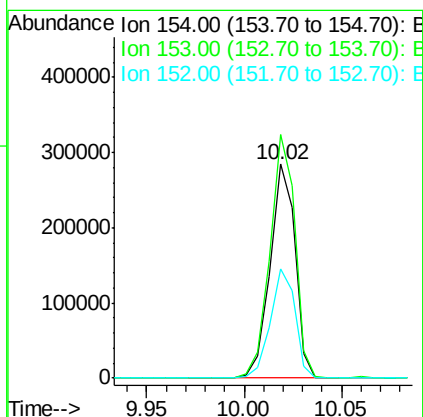
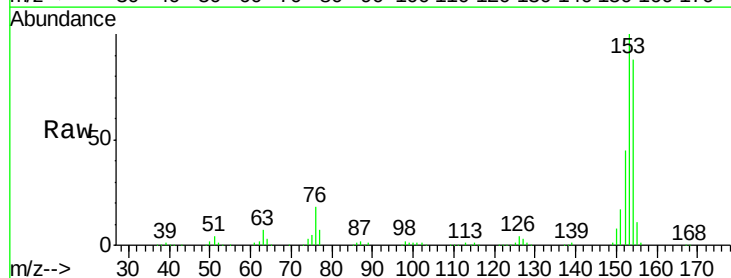
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

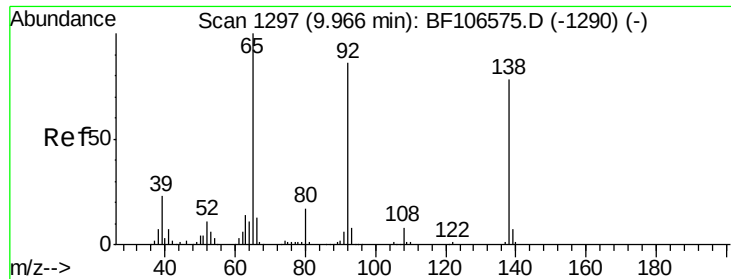
Tgt Ion:165 Resp: 60373
Ion Ratio Lower Upper
165 100
63 42.4 44.7 67.1#
89 44.3 44.0 66.0



#51
Acenaphthene
Concen: 32.972 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:154 Resp: 252798
Ion Ratio Lower Upper
154 100
153 113.7 91.2 136.8
152 51.1 43.8 65.8

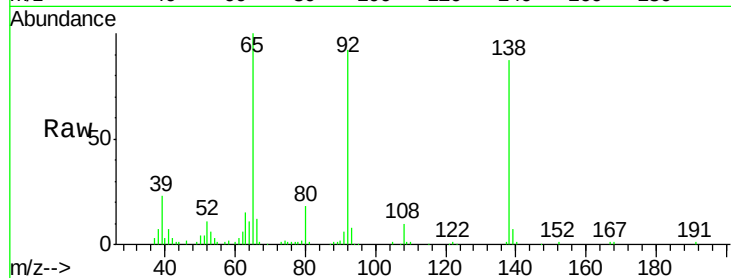




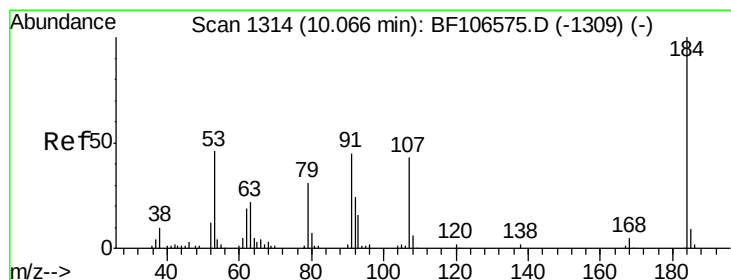
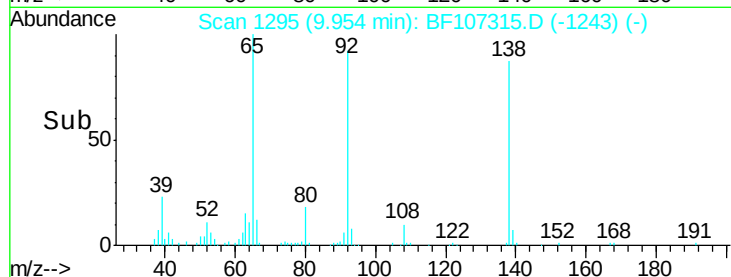
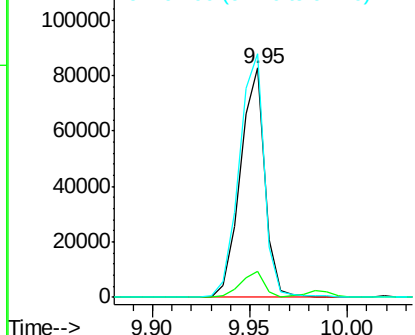
#52
3-Nitroaniline
Concen: 32.043 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tgt Ion:138 Resp: 71992
Ion Ratio Lower Upper
138 100
108 11.2 9.4 14.0
92 106.1 89.4 134.2

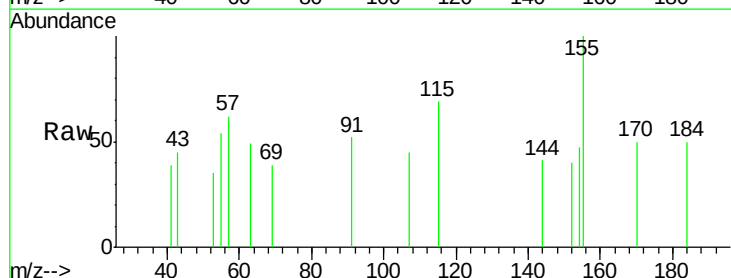


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

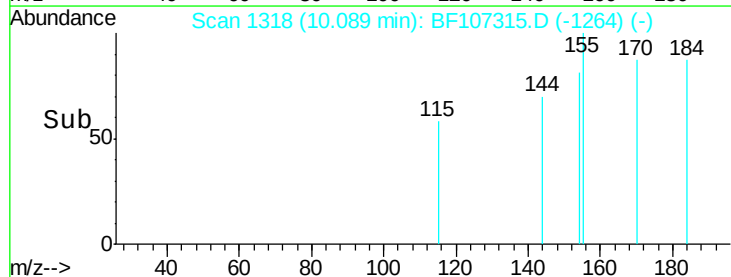
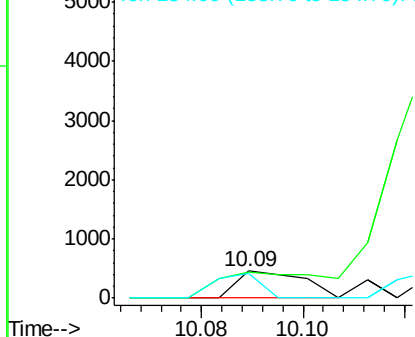


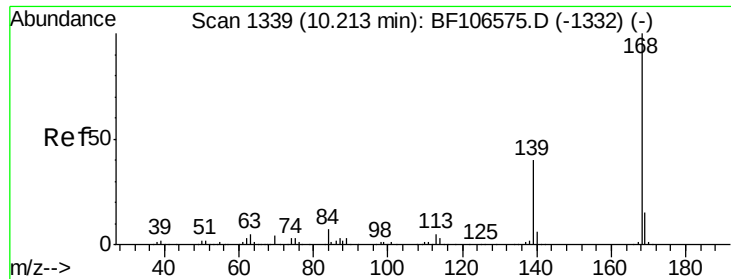
#53
2,4-Dinitrophenol
Concen: 5.733 ng
RT: 10.09 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:184 Resp: 414
Ion Ratio Lower Upper
184 100
63 96.5 54.2 81.2#
154 93.4 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 35.102 ng

RT: 10.20 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

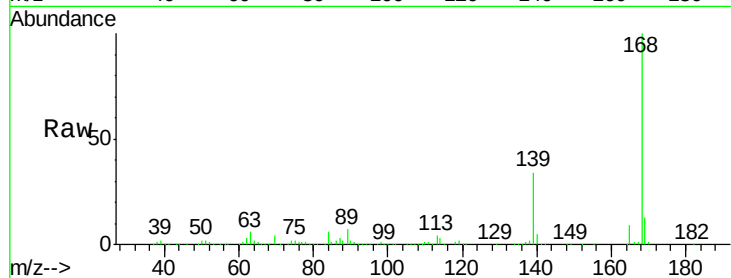
Tgt Ion:168 Resp: 368517

Ion Ratio Lower Upper

168 100

139 33.9 30.1 45.1

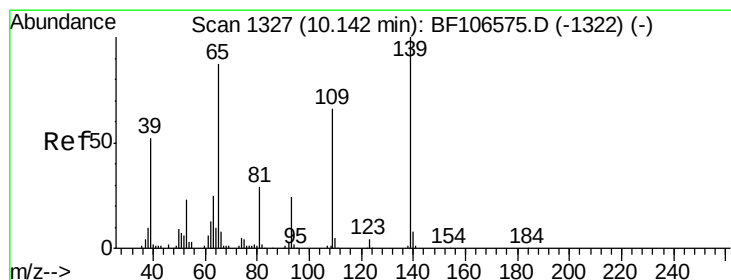
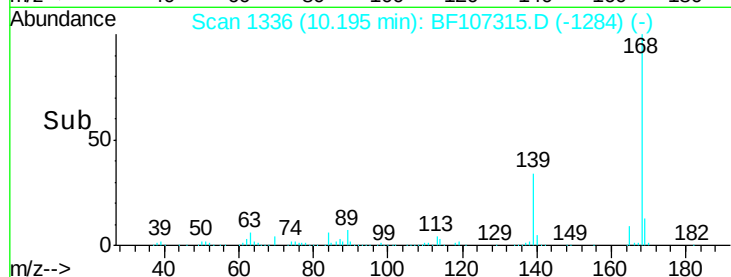
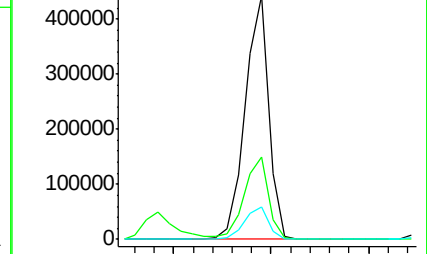
169 13.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 35.318 ng

RT: 10.14 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

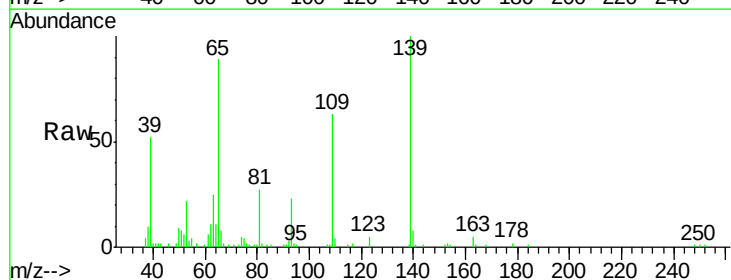
Tgt Ion:139 Resp: 55386

Ion Ratio Lower Upper

139 100

109 62.7 48.4 88.4

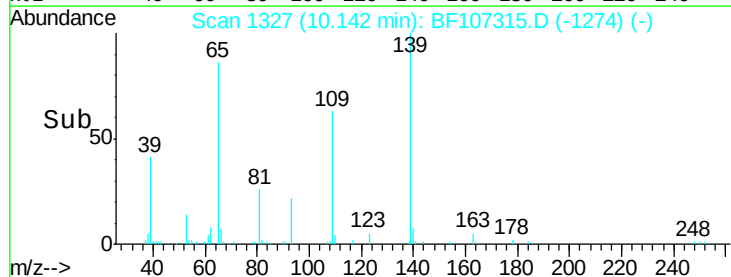
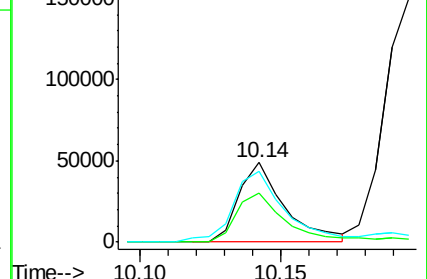
65 88.7 72.6 112.6

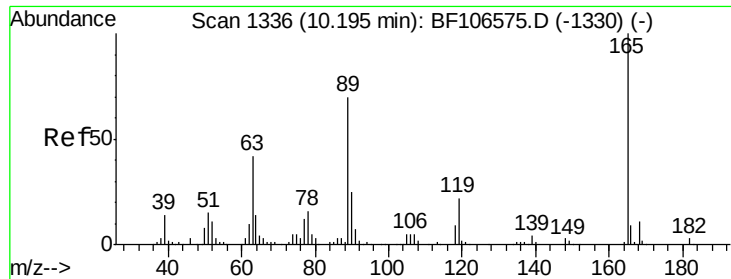


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

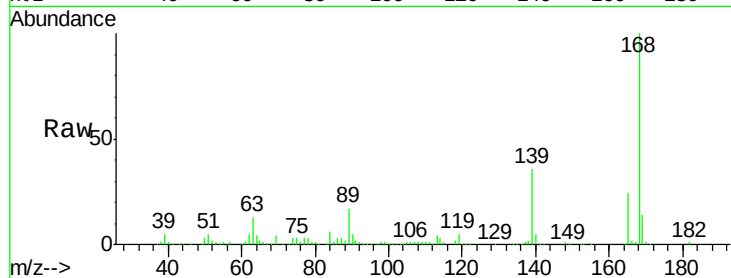




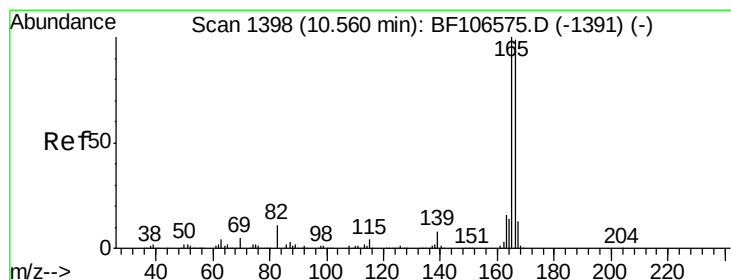
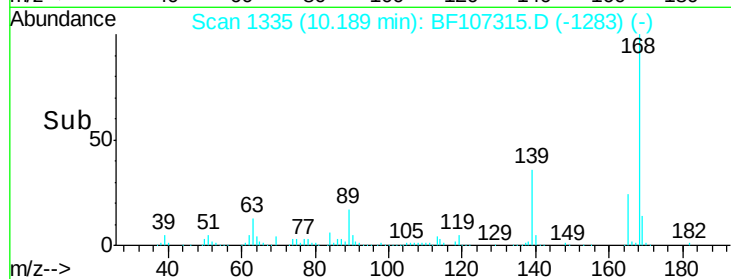
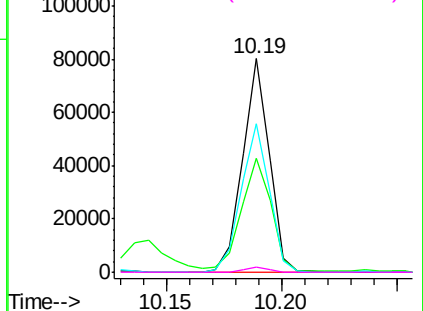
#56
2,4-Dinitrotoluene
Concen: 25.489 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tgt Ion:165 Resp: 64956
Ion Ratio Lower Upper
165 100
63 53.5 36.4 54.6
89 69.4 57.8 86.6
182 2.3 1.6 2.4

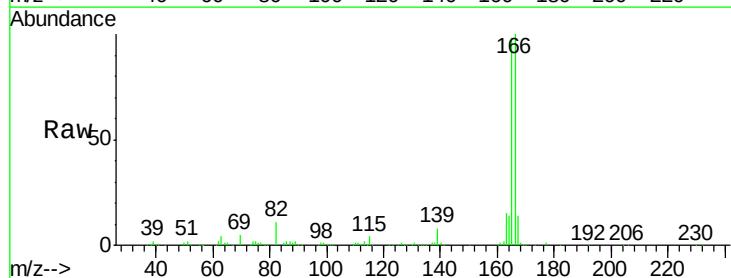


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

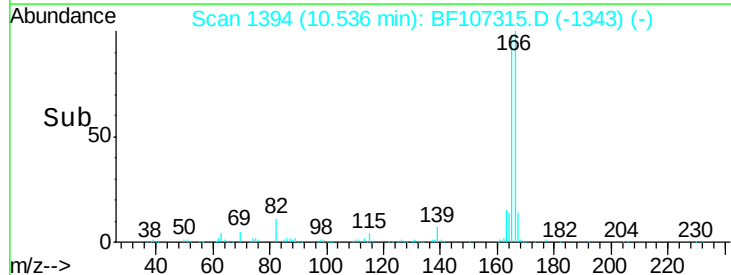
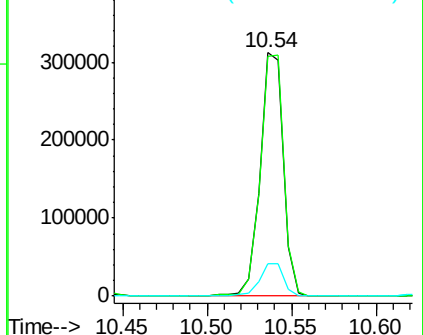


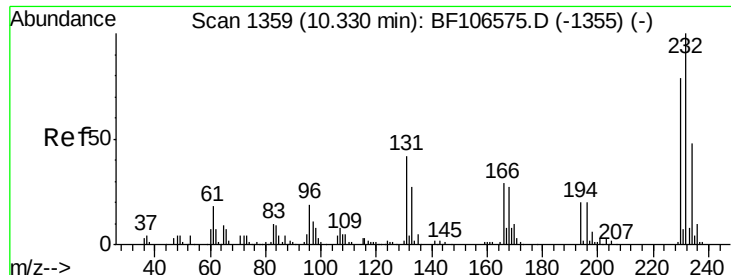
#57
Fluorene
Concen: 35.837 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:166 Resp: 298554
Ion Ratio Lower Upper
166 100
165 98.3 79.8 119.8
167 13.5 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

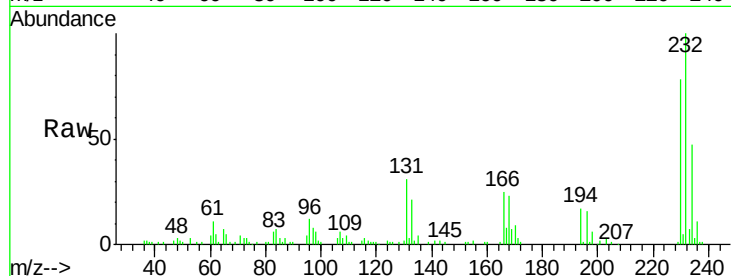




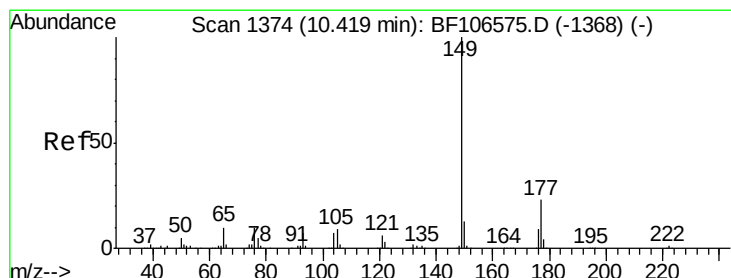
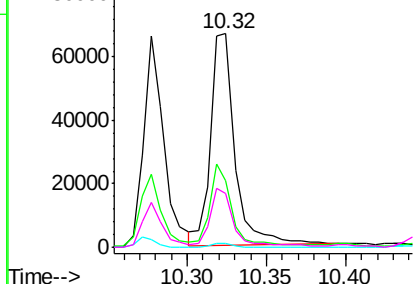
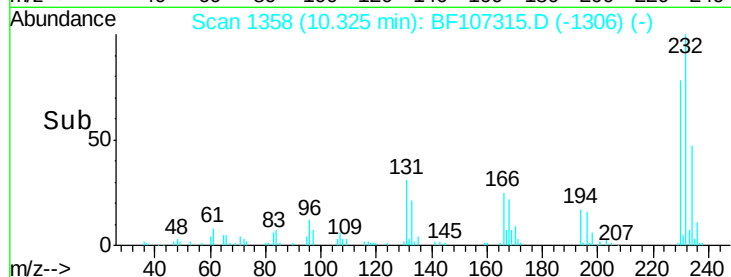
#58
2,3,4,6-Tetrachlorophenol
Concen: 31.600 ng
RT: 10.32 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tgt Ion: 232 Resp: 72131
Ion Ratio Lower Upper
232 100
131 33.8 43.8 65.8#
130 1.5 2.1 3.1#
166 25.6 27.8 41.6#

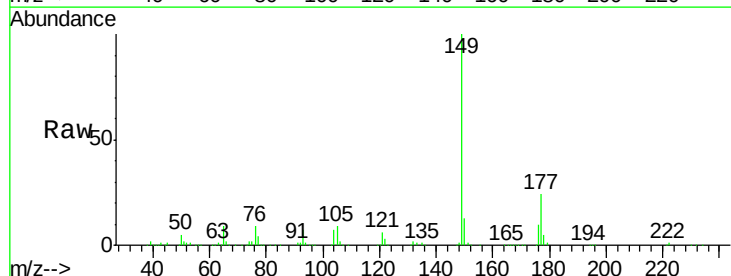


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

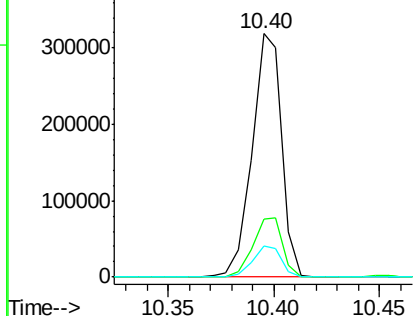
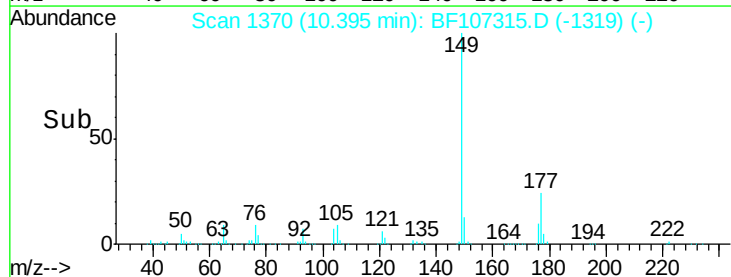


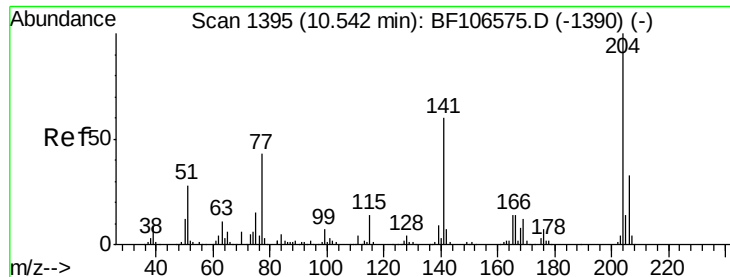
#59
Diethylphthalate
Concen: 34.773 ng
RT: 10.40 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion: 149 Resp: 309444
Ion Ratio Lower Upper
149 100
177 23.7 16.1 24.1
150 12.8 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

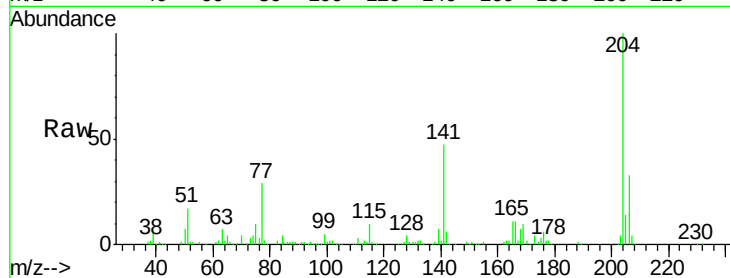




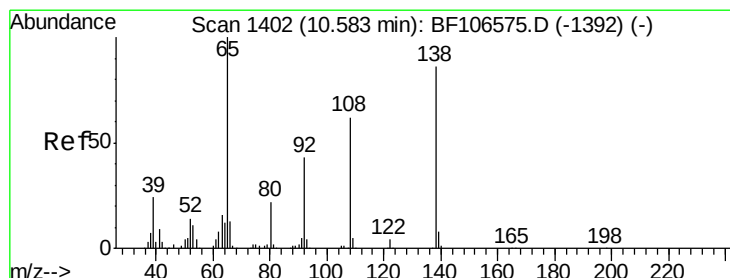
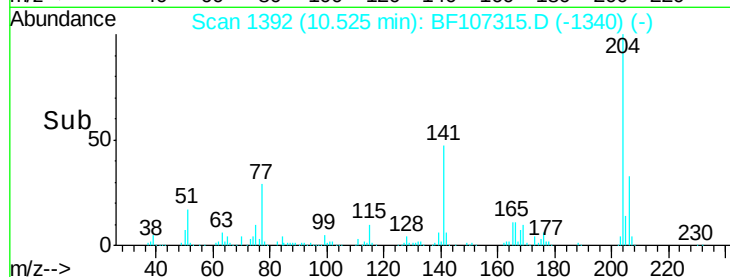
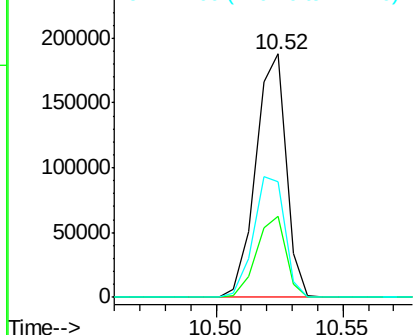
#60
 4-Chlorophenyl-phenylether
 Concen: 36.159 ng
 RT: 10.52 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tgt Ion: 204 Resp: 157617
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.5 39.7
 141 47.5 54.6 81.8#

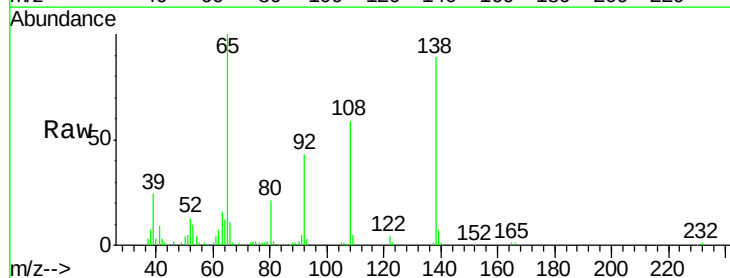


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

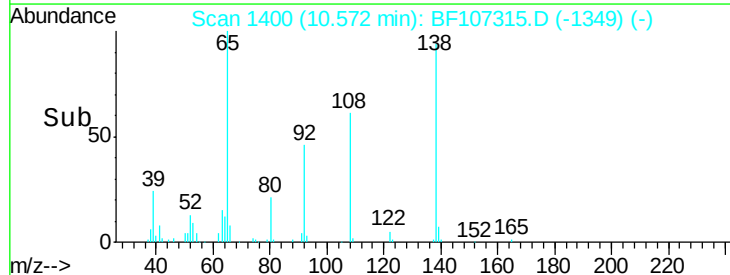
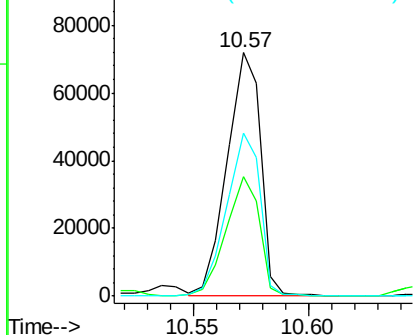


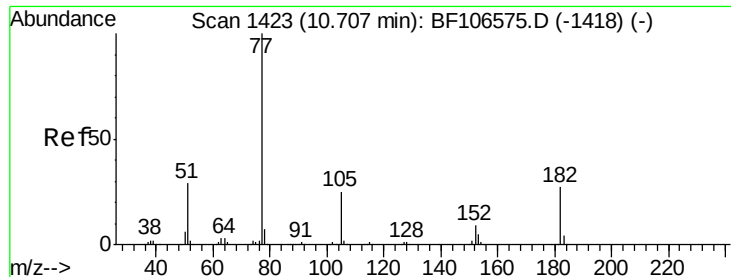
#61
 4-Nitroaniline
 Concen: 32.630 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion: 138 Resp: 72756
 Ion Ratio Lower Upper
 138 100
 92 48.9 30.2 70.2
 108 66.8 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: 30.194 ng

RT: 10.68 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

Tgt Ion: 77 Resp: 264600

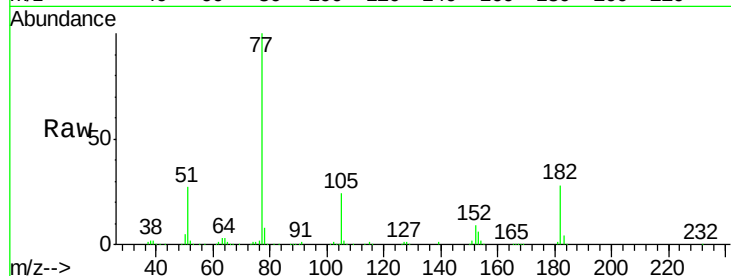
Ion Ratio Lower Upper

77 100

182 27.6 1.7 41.7

105 24.4 3.0 43.0

51 27.3 9.9 49.9

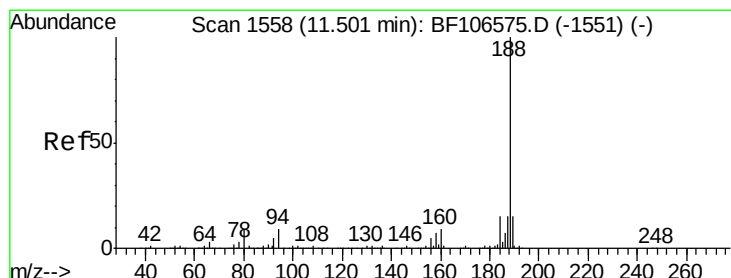
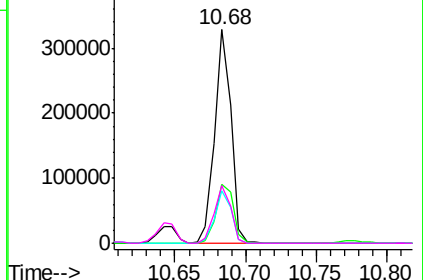
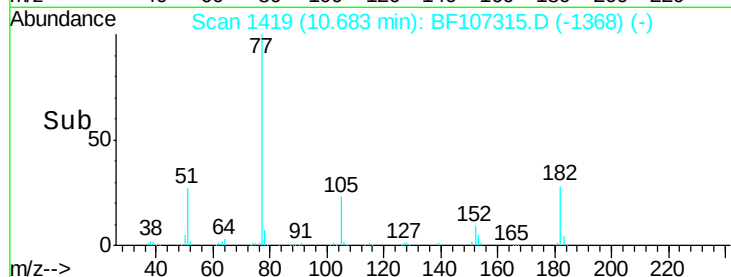


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

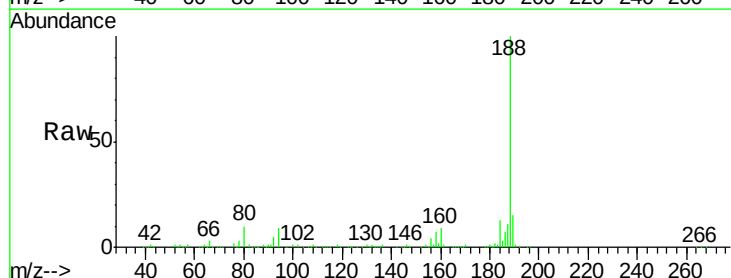
Tgt Ion: 188 Resp: 220577

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

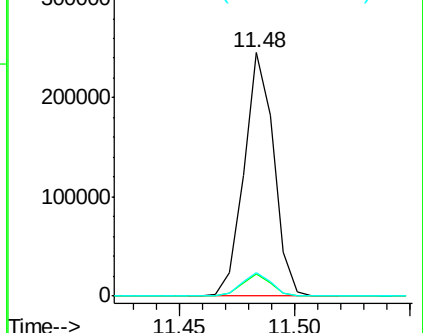
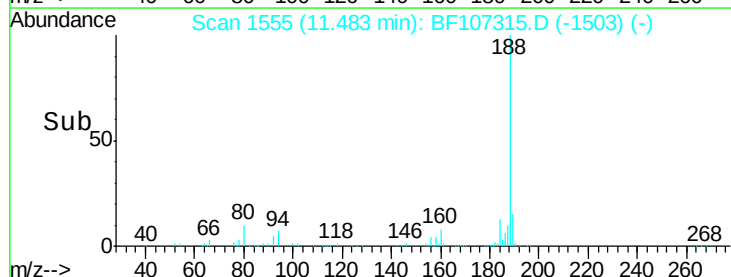
80 9.8 9.2 13.8

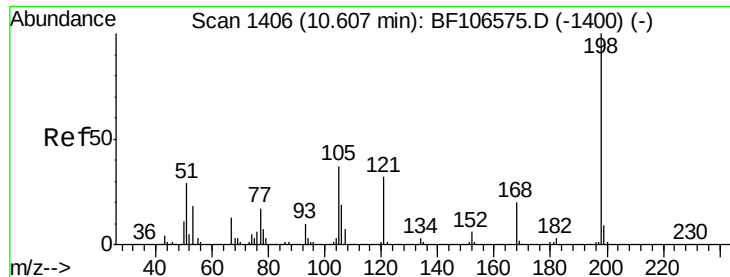


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

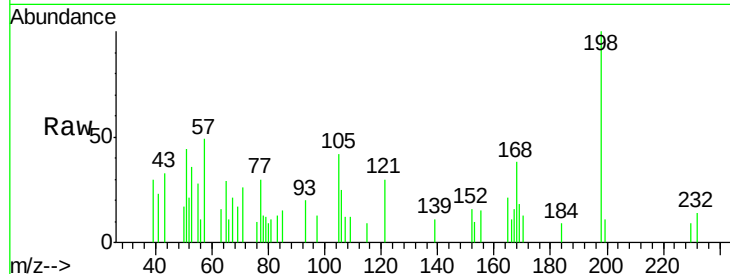




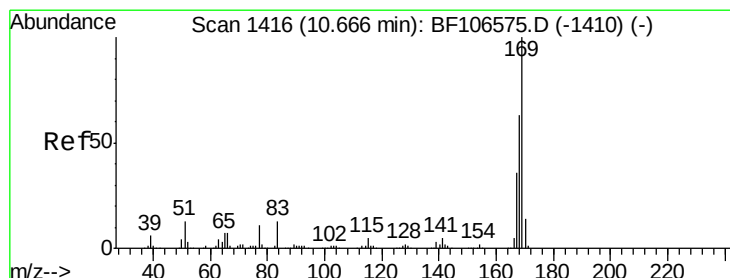
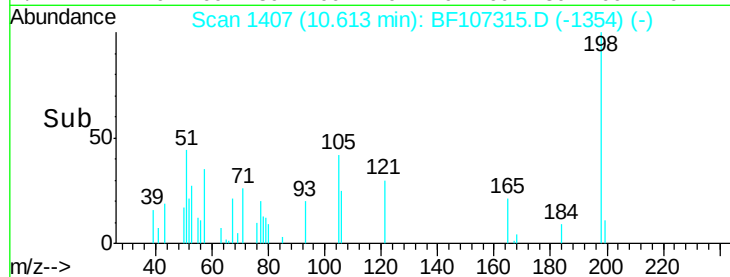
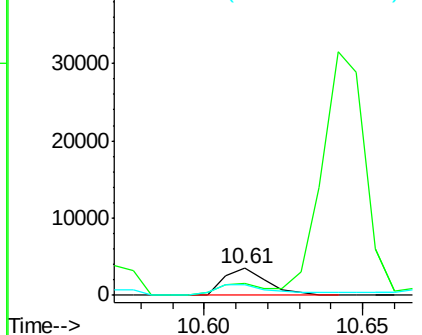
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.376 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tgt Ion:198 Resp: 3240
 Ion Ratio Lower Upper
 198 100
 51 43.8 37.7 77.7
 105 41.6 36.3 76.3

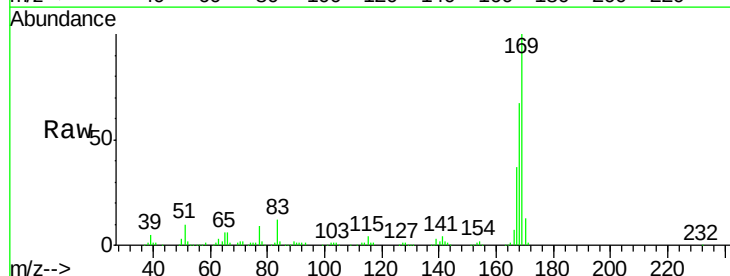


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

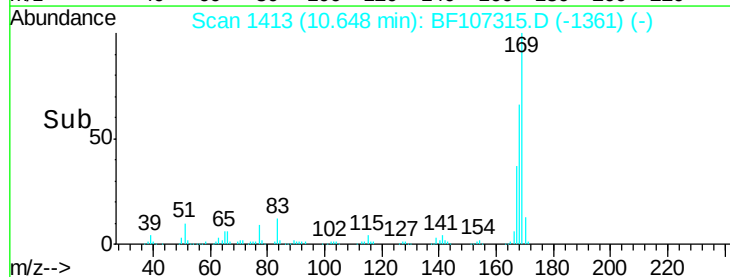
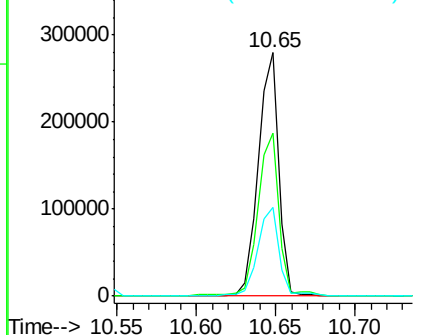


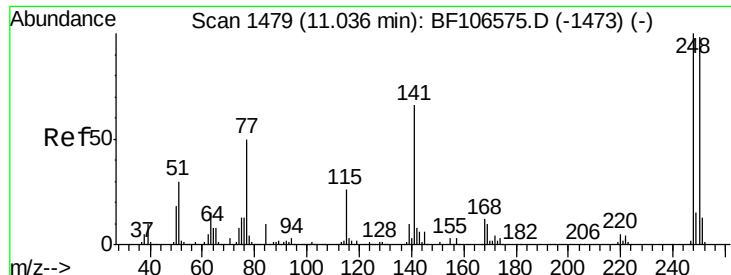
#65
 n-Nitrosodiphenylamine
 Concen: 34.045 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion:169 Resp: 252584
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.4 81.6
 167 36.7 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

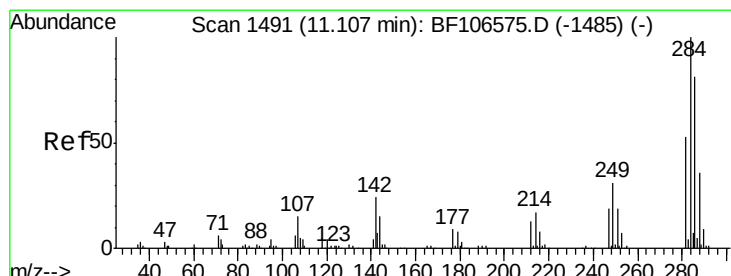
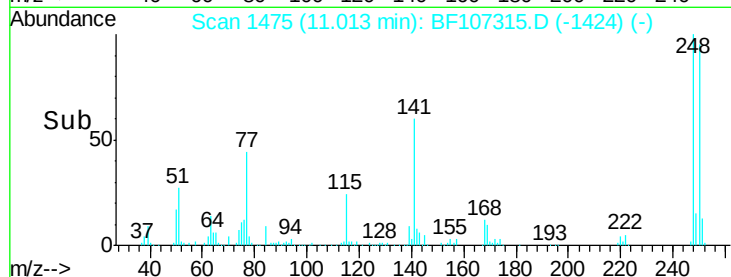
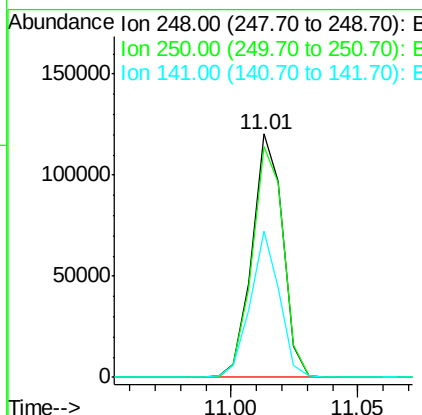
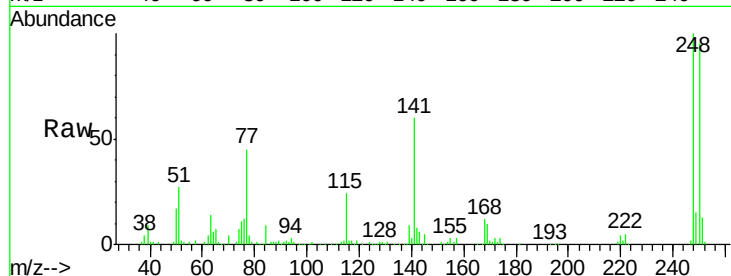




#66
4-Bromophenyl-phenylether
Concen: 38.554 ng
RT: 11.01 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

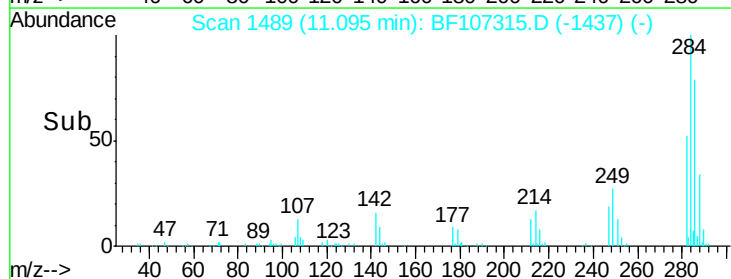
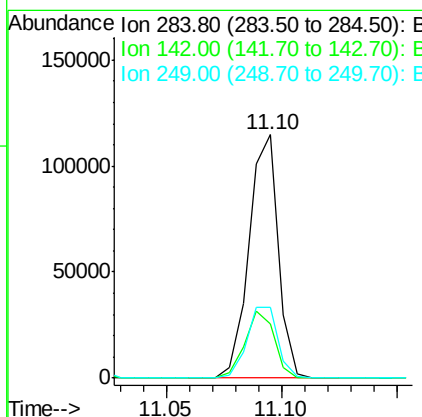
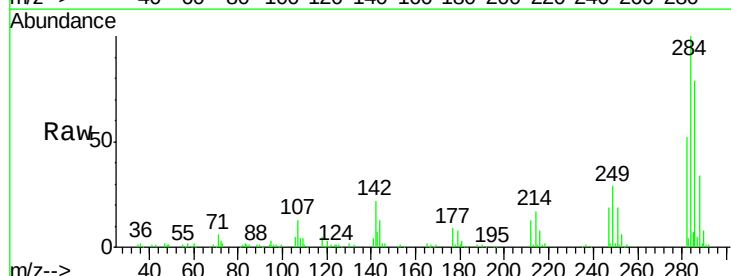
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

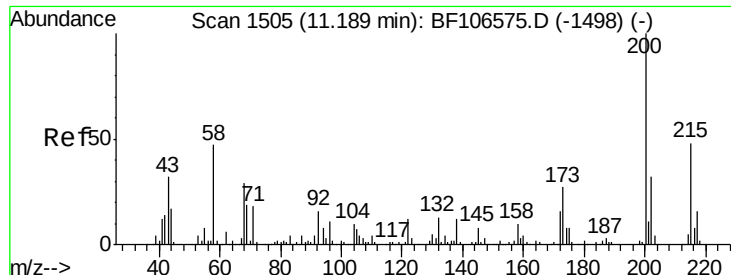
Tgt Ion:248 Resp: 101491
Ion Ratio Lower Upper
248 100
250 94.7 76.9 115.3
141 60.0 74.4 111.6#



#67
Hexachlorobenzene
Concen: 36.974 ng
RT: 11.10 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:284 Resp: 101872
Ion Ratio Lower Upper
284 100
142 22.1 34.6 52.0#
249 29.3 24.8 37.2

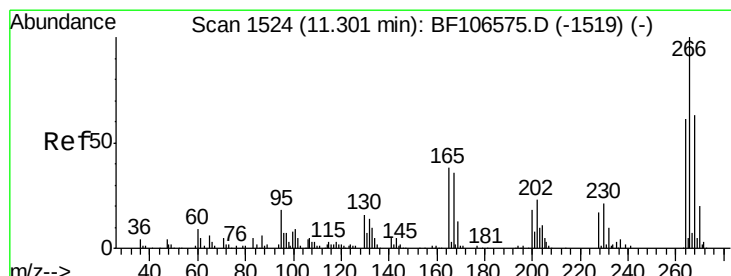
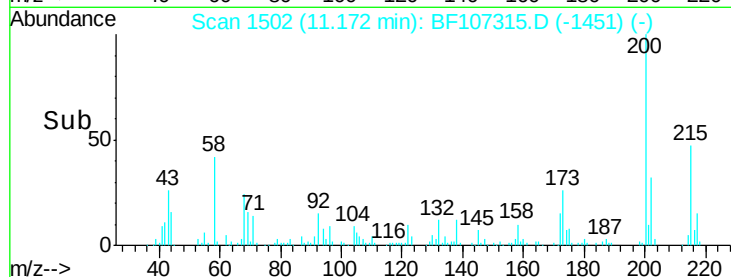
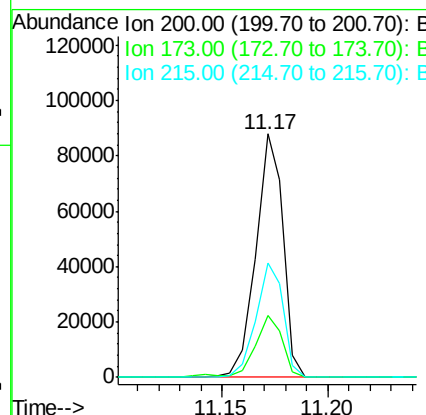
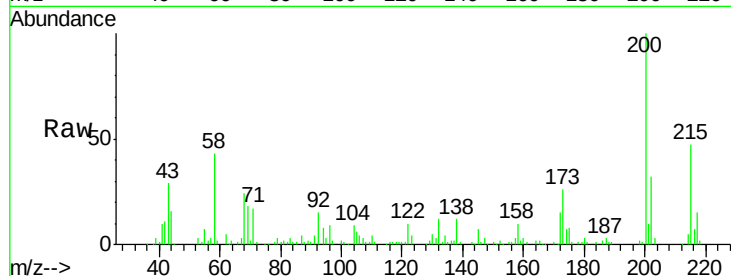




#68
Atrazine
Concen: 33.175 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

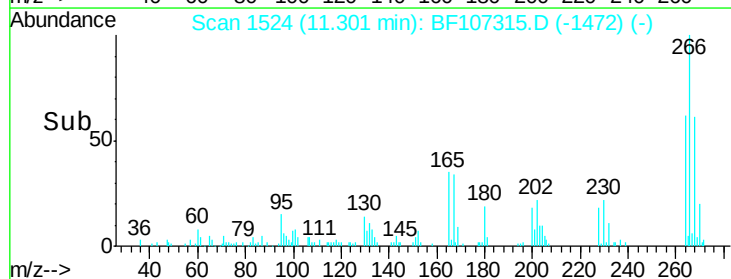
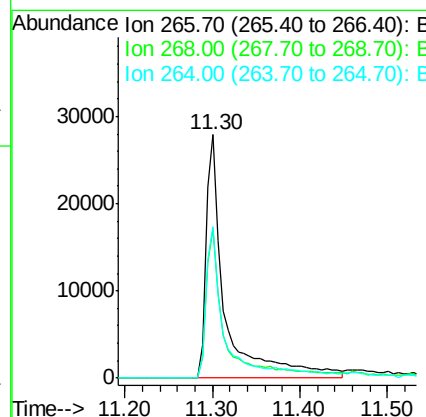
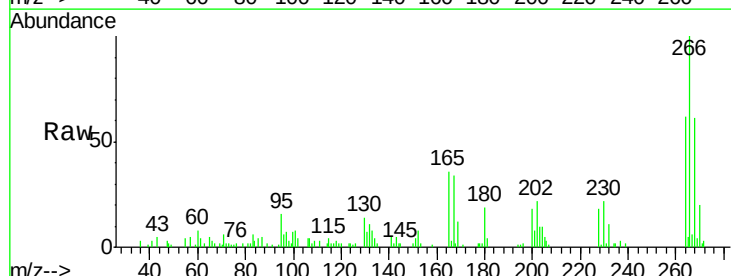
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

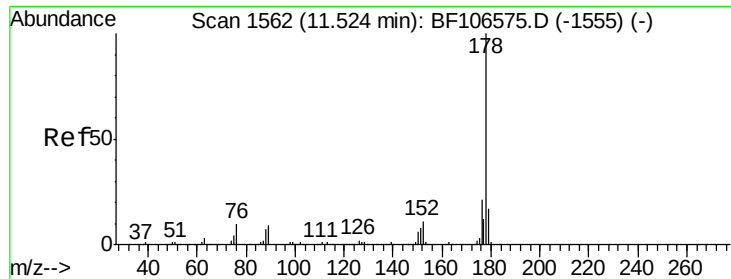
Tgt Ion:200 Resp: 78245
Ion Ratio Lower Upper
200 100
173 25.6 8.6 48.6
215 46.7 25.1 65.1



#69
Pentachlorophenol
Concen: 30.927 ng
RT: 11.30 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:266 Resp: 42517
Ion Ratio Lower Upper
266 100
268 61.1 51.1 76.7
264 62.2 49.5 74.3

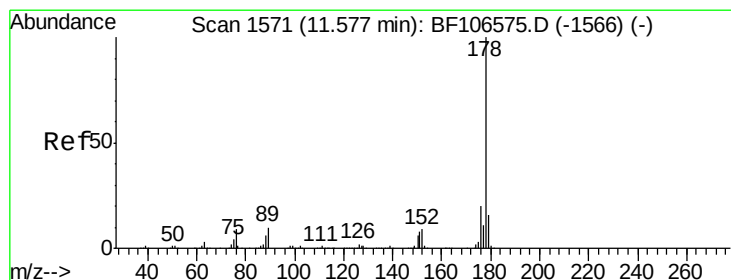
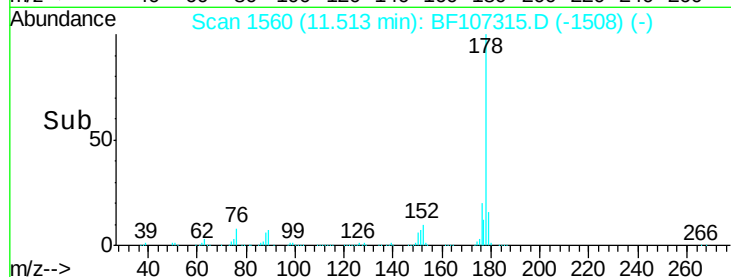
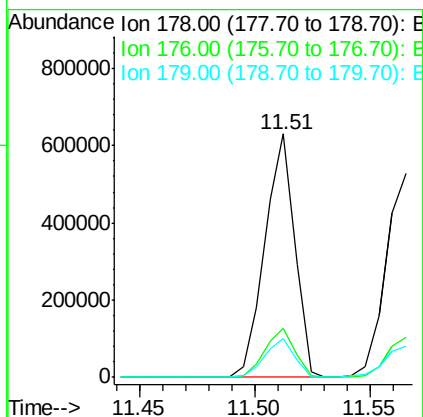
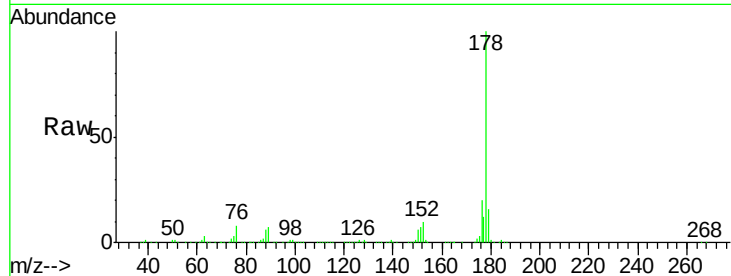




#70
Phenanthrene
Concen: 53.573 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

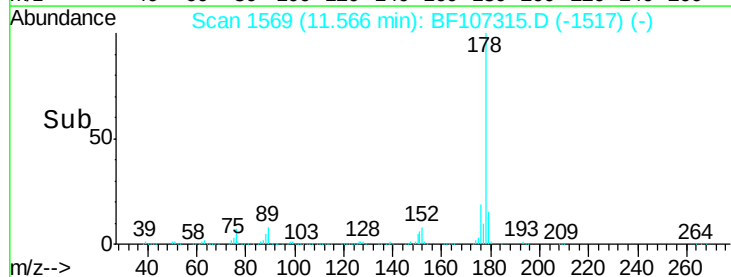
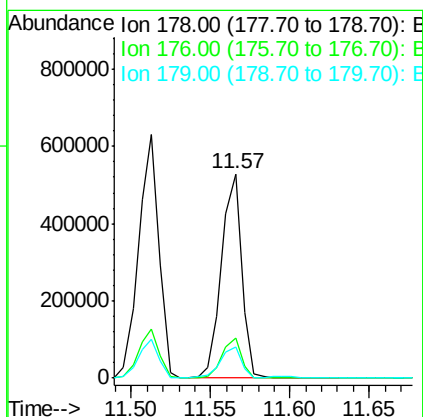
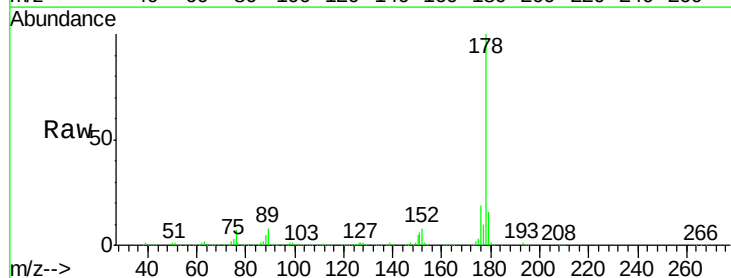
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

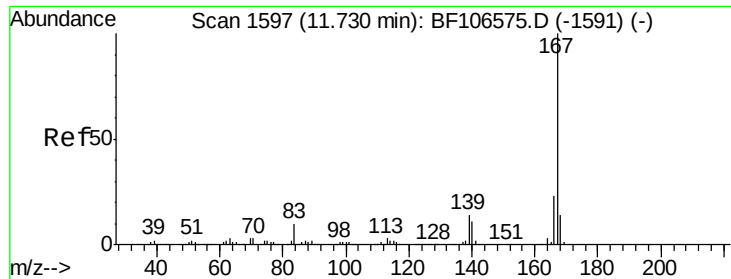
Tgt Ion:178 Resp: 569958
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.8 13.0 19.6



#71
Anthracene
Concen: 43.260 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:178 Resp: 469769
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.6 19.0





#72

Carbazole

Concen: 37.538 ng

RT: 11.72 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

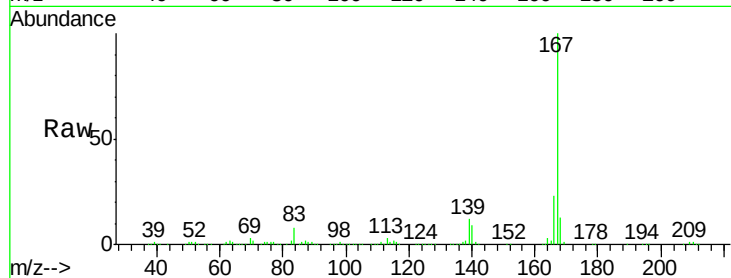
Tgt Ion:167 Resp: 381647

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

139 11.8 10.9 16.3



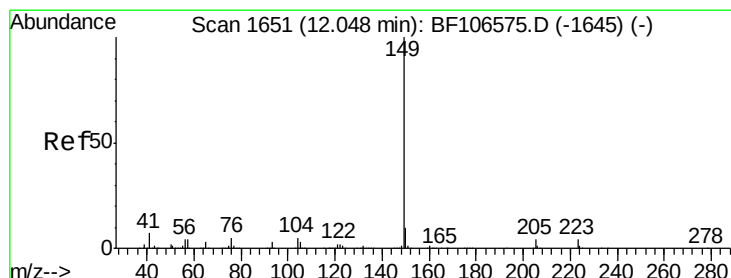
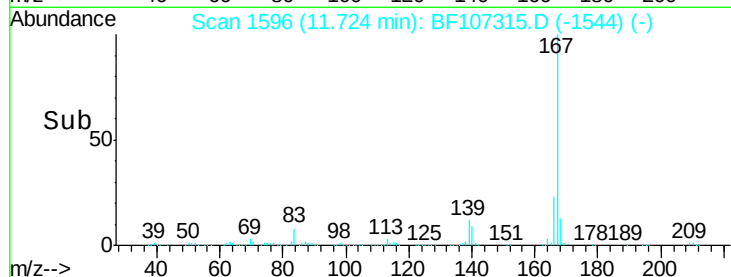
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.72

Time-->



#73

Di-n-butylphthalate

Concen: 36.334 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

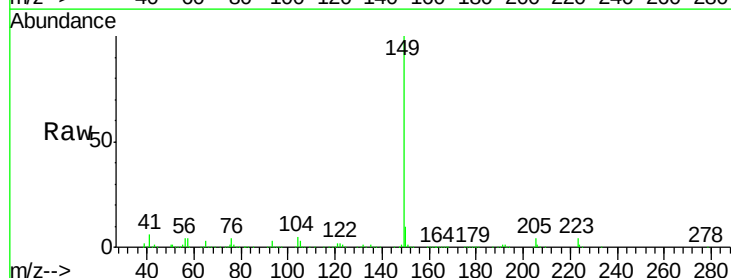
Tgt Ion:149 Resp: 435190

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 4.5 3.8 5.8



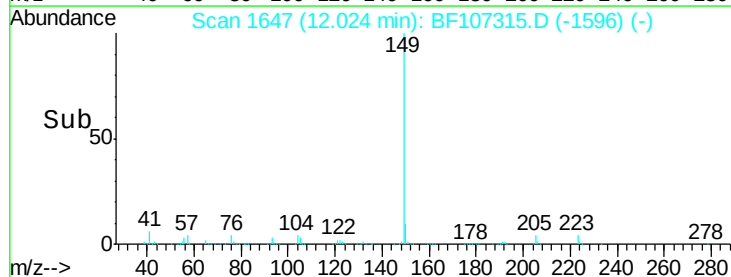
Abundance Ion 149.00 (148.70 to 149.70): E

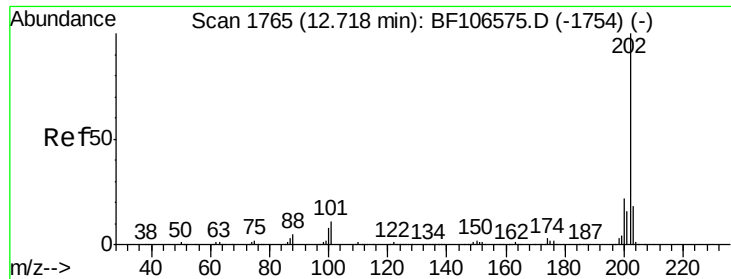
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.02

Time-->





#74

Fluoranthene

Concen: 84.107 ng

RT: 12.71 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

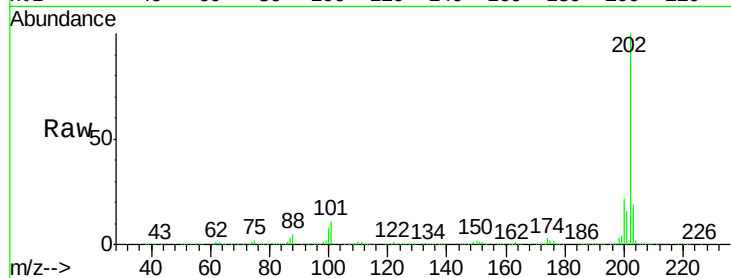
Tgt Ion: 202 Resp: 986253

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

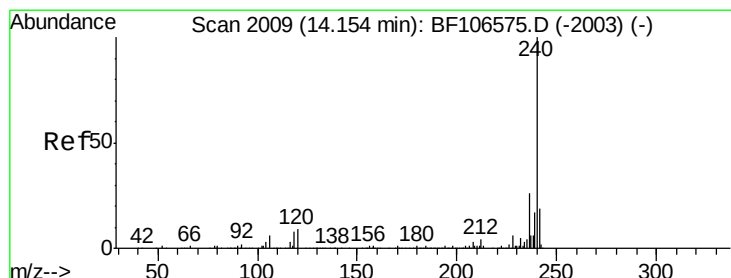
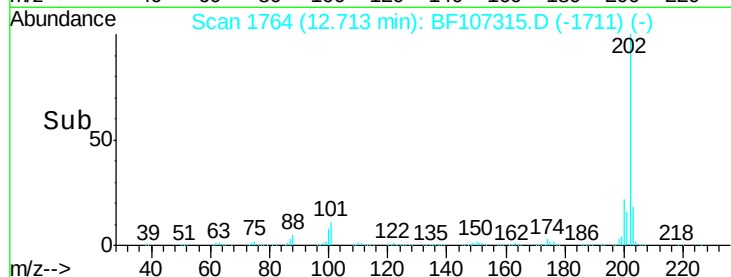
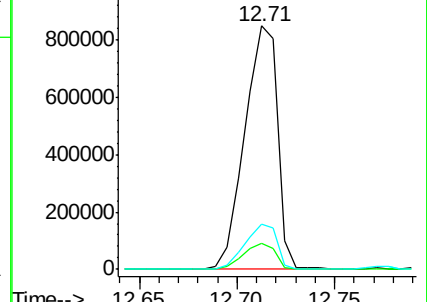
203 18.5 0.0 38.1



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: 14.15 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

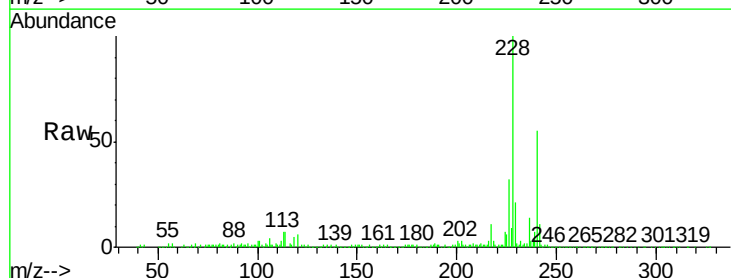
Tgt Ion: 240 Resp: 157049

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

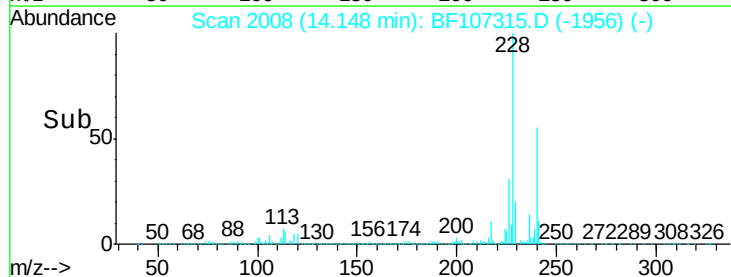
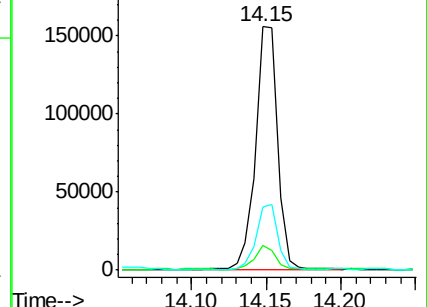
236 25.9 20.7 31.1

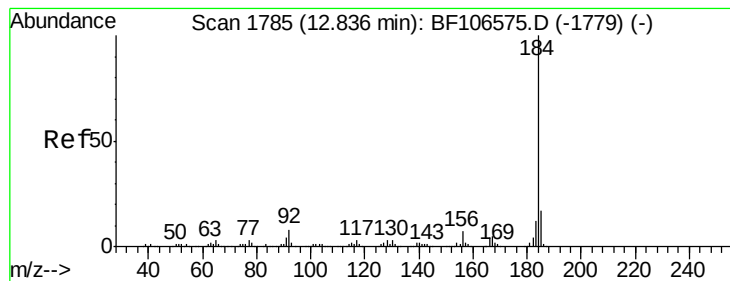


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 18.583 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

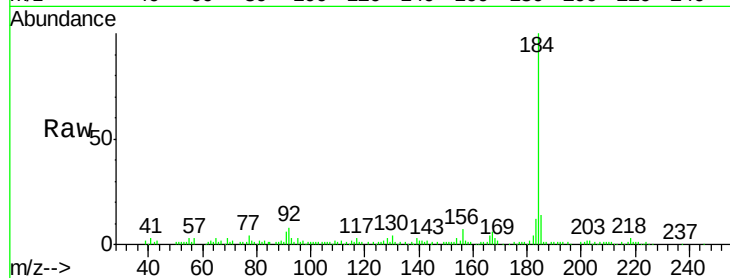
Tgt Ion:184 Resp: 83116

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

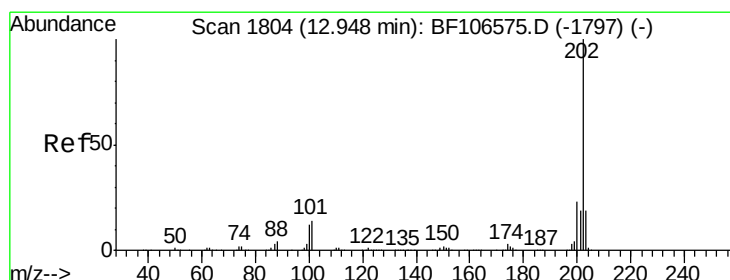
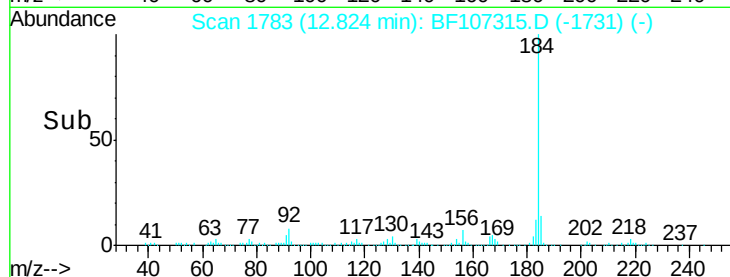
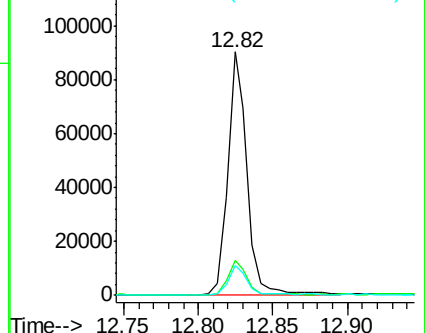
183 12.0 9.3 13.9



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

Pyrene

Concen: 91.518 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

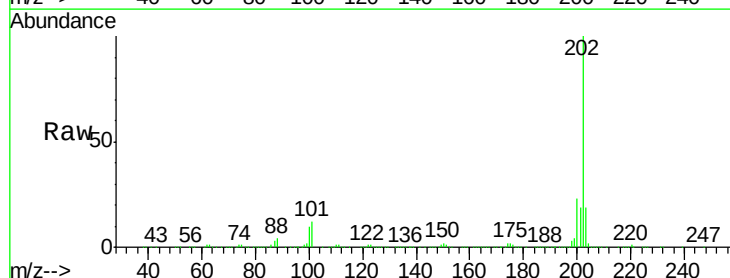
Tgt Ion:202 Resp: 947783

Ion Ratio Lower Upper

202 100

200 22.9 17.4 26.2

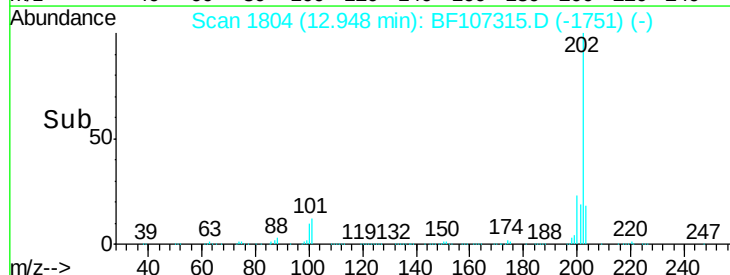
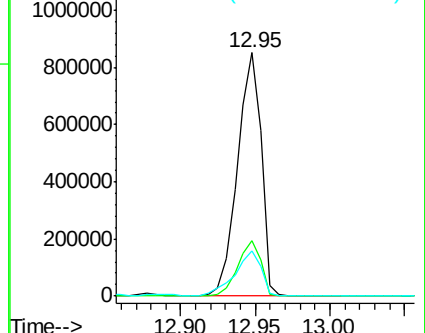
203 18.7 14.3 21.5

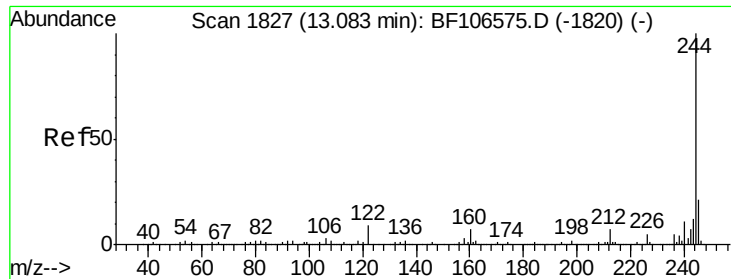


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

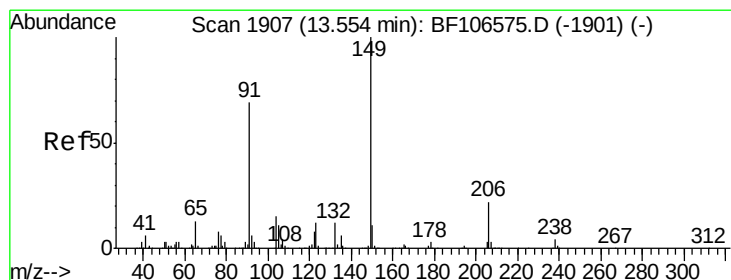
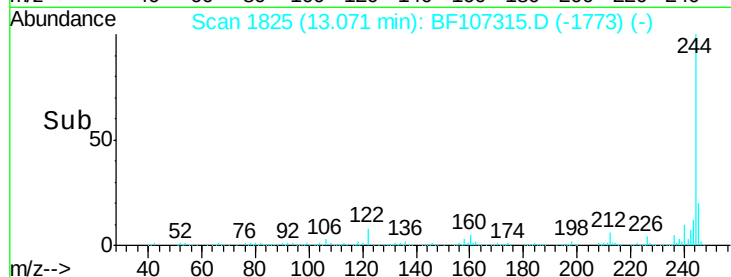
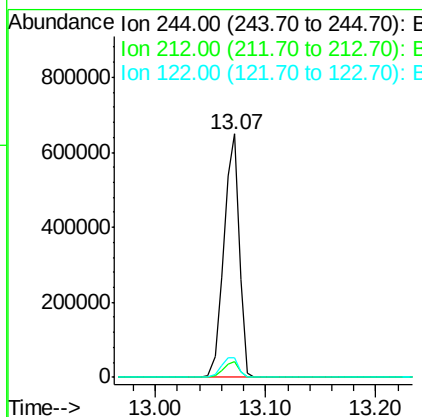
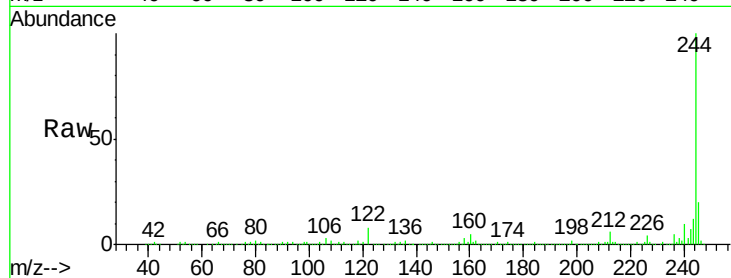




#78
 Terphenyl-d14
 Concen: 97.896 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

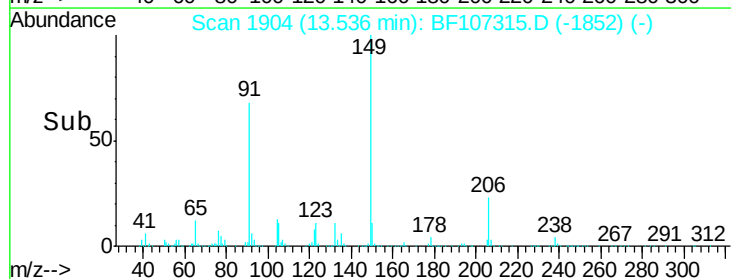
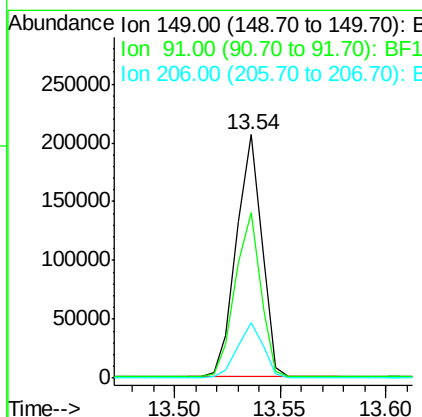
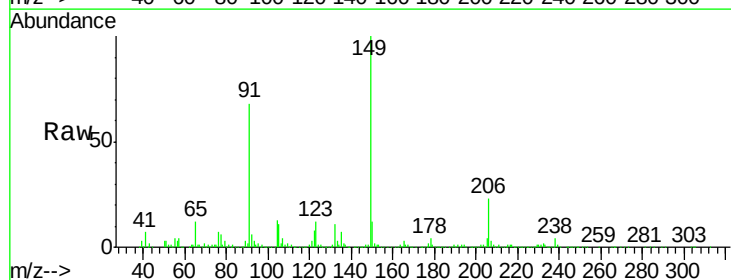
Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

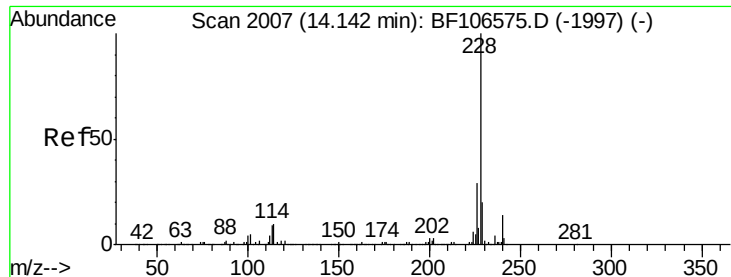
Tgt Ion: 244 Resp: 634704
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.2 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 40.345 ng
 RT: 13.54 min Scan# 1904
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion: 149 Resp: 171789
 Ion Ratio Lower Upper
 149 100
 91 67.8 56.8 85.2
 206 22.9 14.1 21.1#

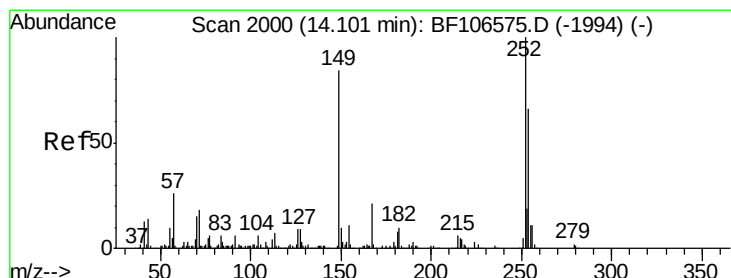
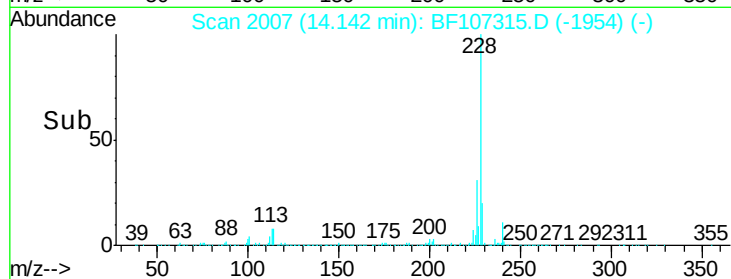
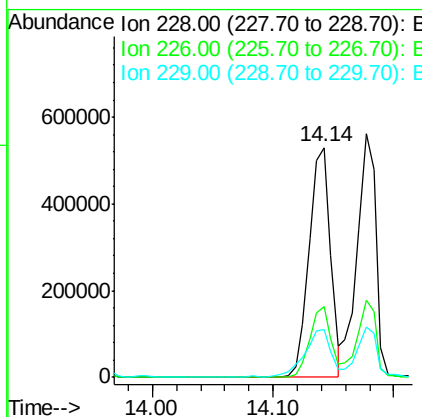
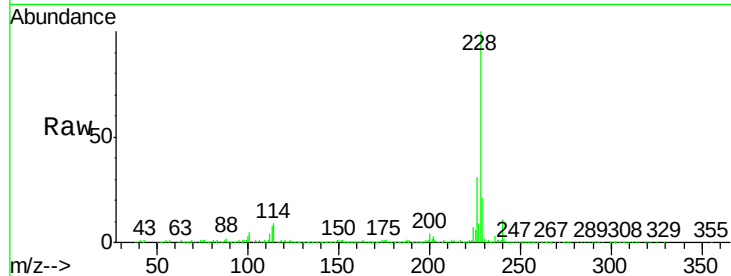




#80
Benzo(a)anthracene
Concen: 68.545 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

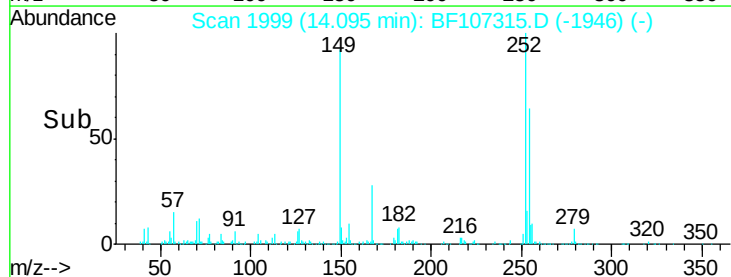
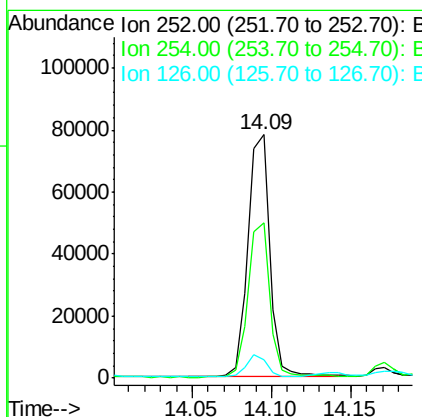
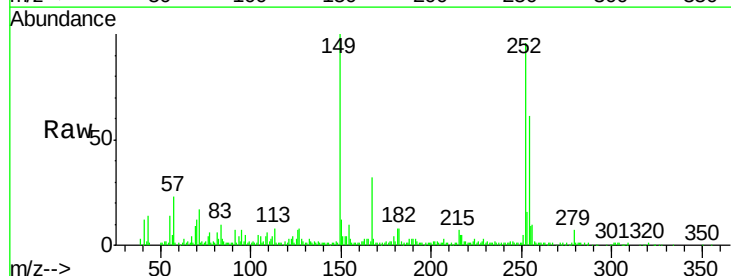
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

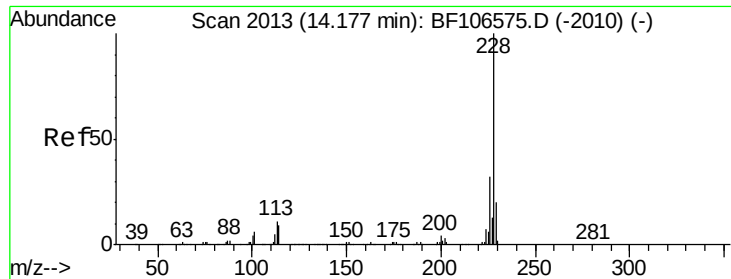
Tgt Ion: 228 Resp: 656096
Ion Ratio Lower Upper
228 100
226 30.7 22.6 33.8
229 20.6 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 22.386 ng
RT: 14.09 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion: 252 Resp: 75307
Ion Ratio Lower Upper
252 100
254 63.8 50.4 75.6
126 7.3 11.3 16.9#





#82

Chrysene

Concen: 64.334 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

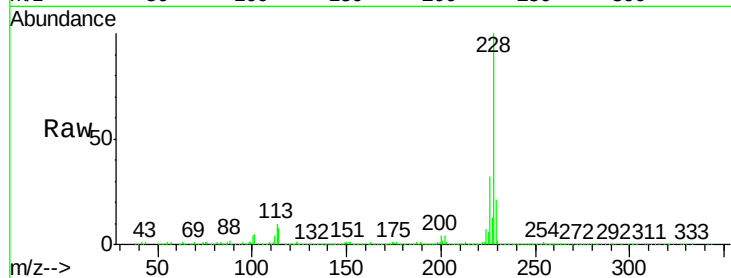
Tgt Ion:228 Resp: 566520

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

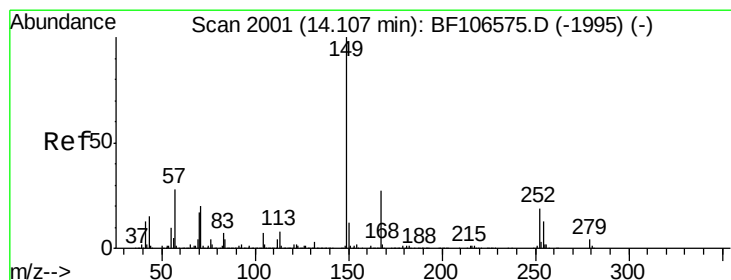
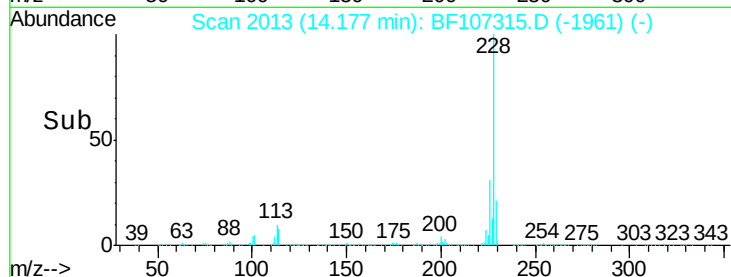
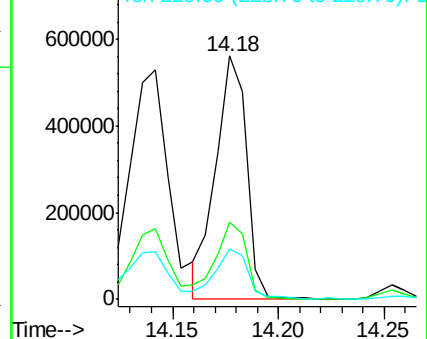
229 20.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.835 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

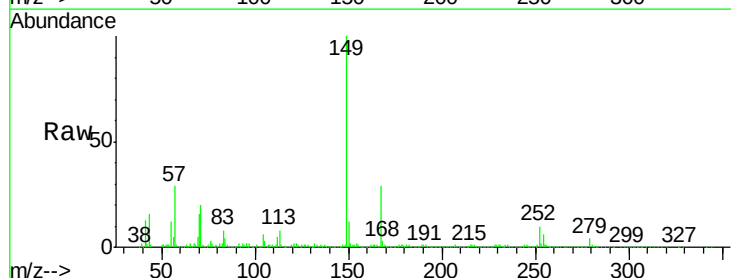
Tgt Ion:149 Resp: 265843

Ion Ratio Lower Upper

149 100

167 28.7 21.3 31.9

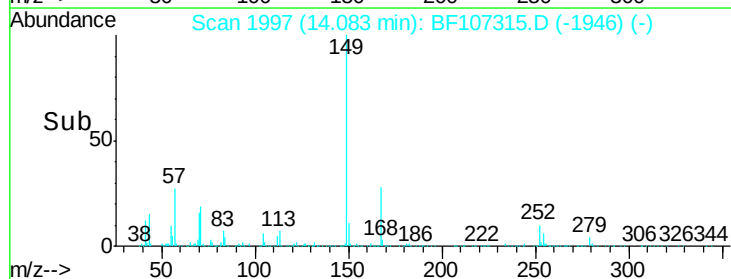
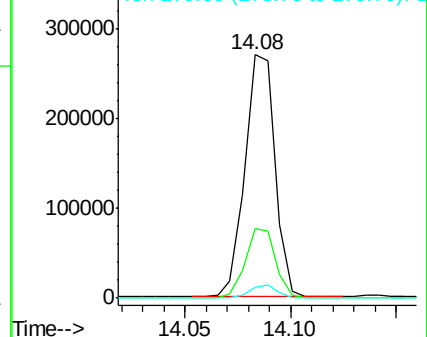
279 4.2 3.0 4.4

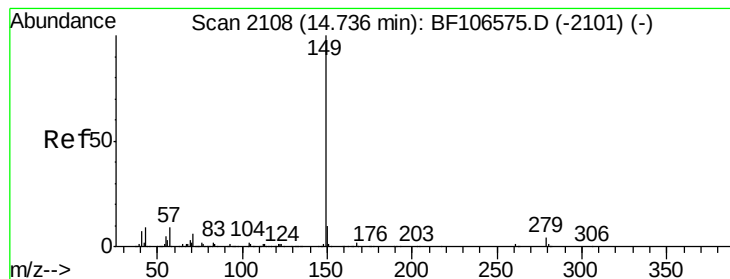


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.261 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

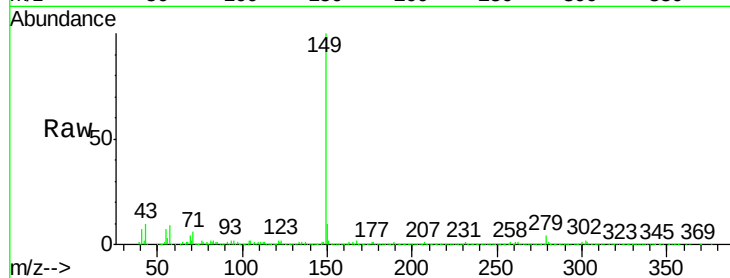
Tgt Ion:149 Resp: 374997

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

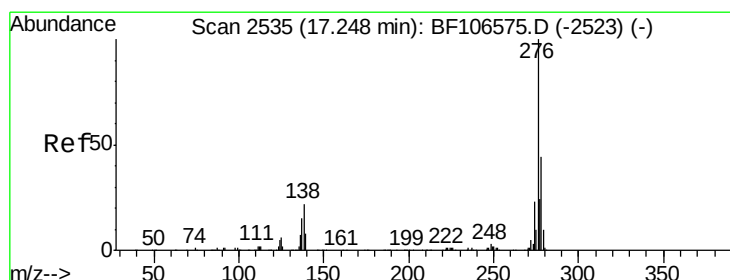
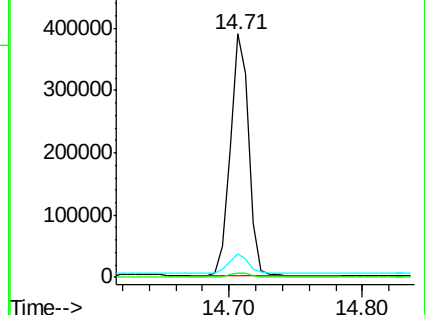
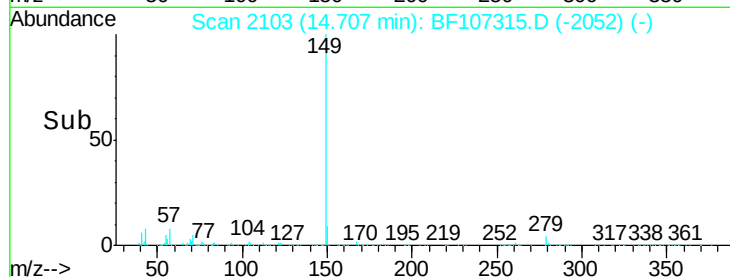
43 8.6 8.4 12.6



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: 56.246 ng

RT: 17.31 min Scan# 2545

Delta R.T. 0.03 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

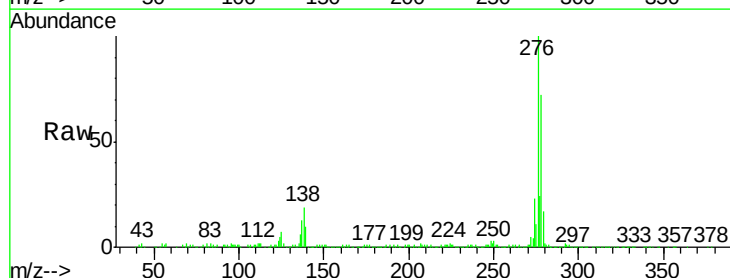
Tgt Ion:276 Resp: 420319

Ion Ratio Lower Upper

276 100

138 19.5 25.0 37.6#

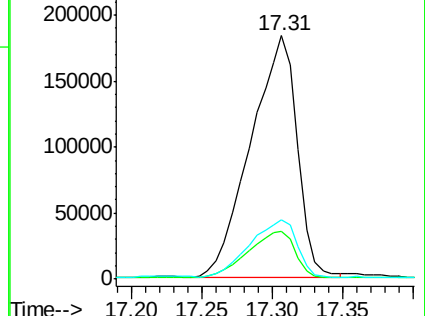
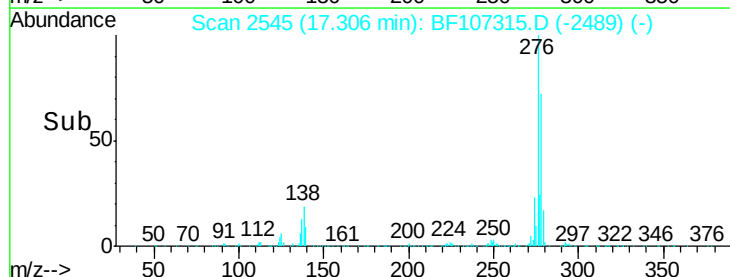
277 24.1 20.1 30.1

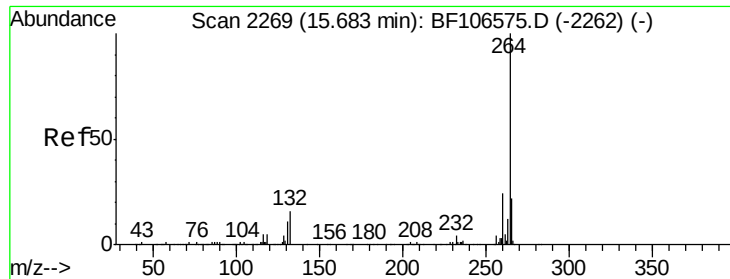


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

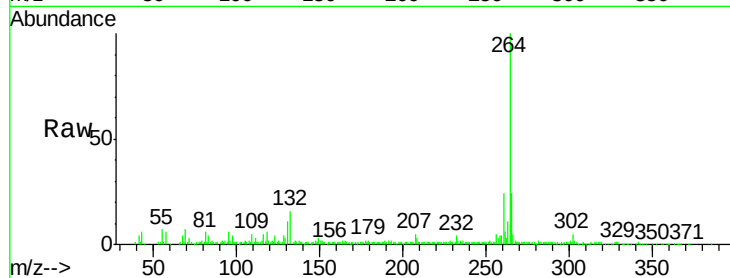




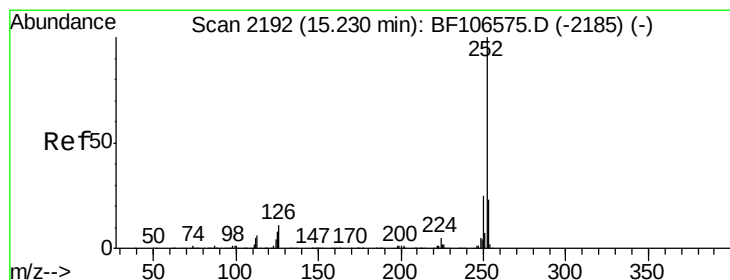
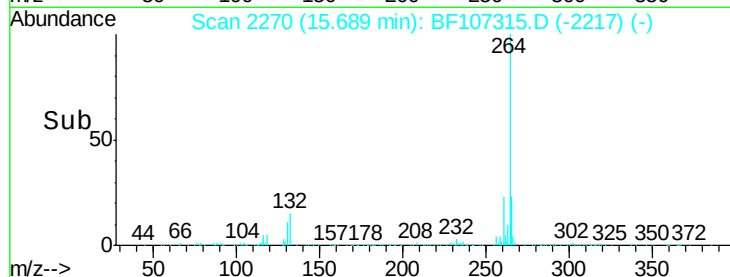
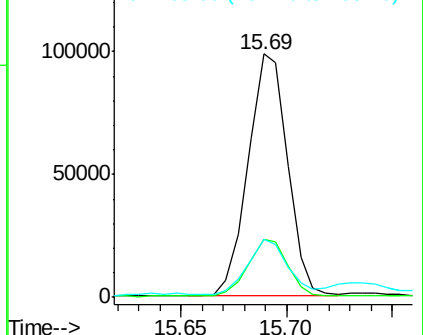
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tgt Ion:264 Resp: 128127
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 23.6 17.5 26.3

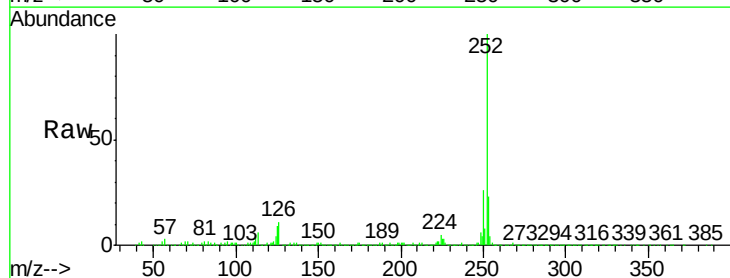


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

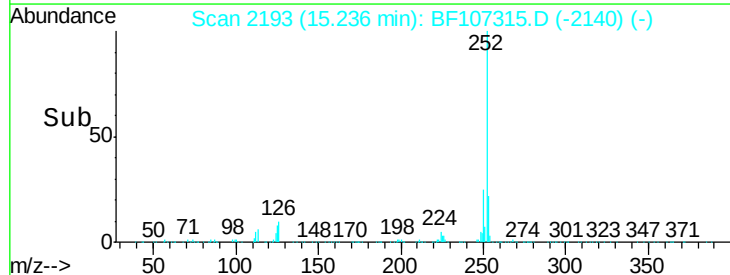
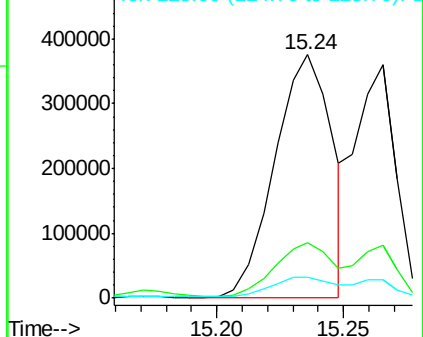


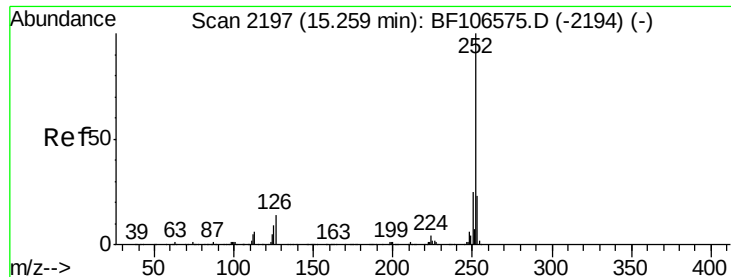
#87
Benzo(b)fluoranthene
Concen: 73.746 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:252 Resp: 586955
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 8.7 9.0 13.6#



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

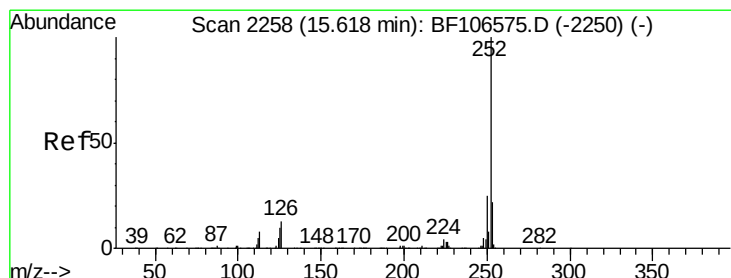
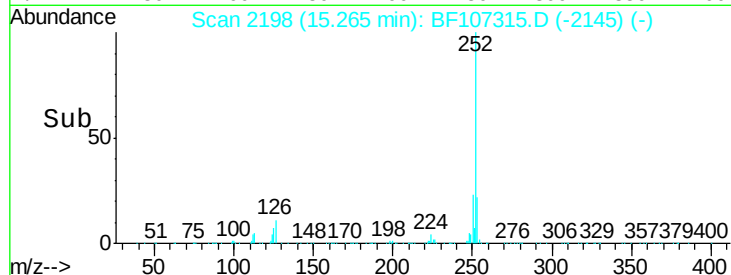
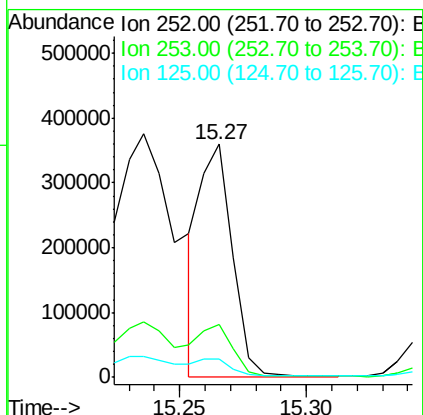
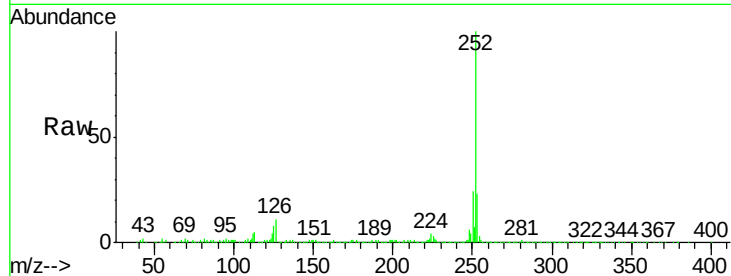




#88
Benzo(k)fluoranthene
Concen: 41.785 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

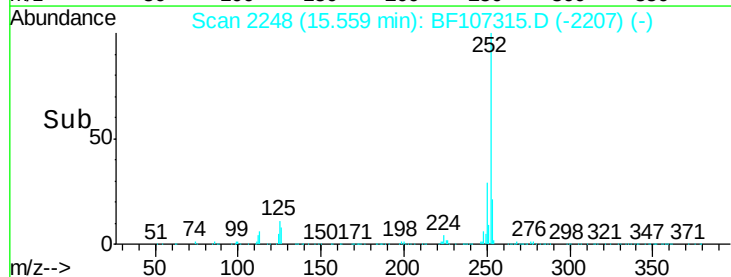
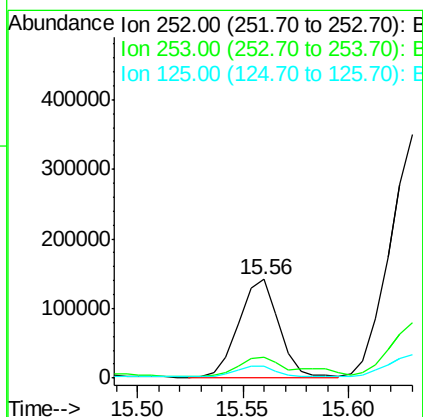
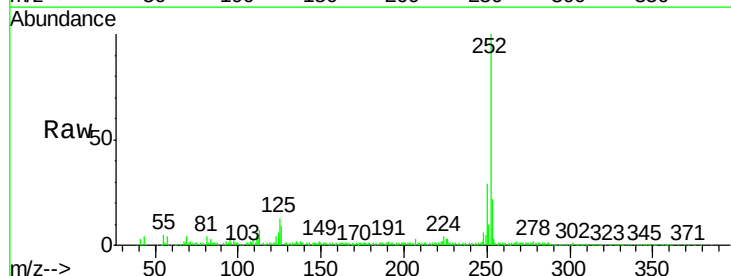
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

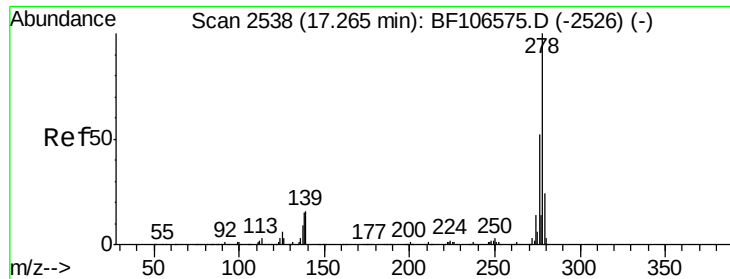
Tgt Ion:252 Resp: 316710
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 7.8 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 26.103 ng
RT: 15.56 min Scan# 2248
Delta R.T. -0.06 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:252 Resp: 184694
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 12.7 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 5.908 ng

RT: 17.47 min Scan# 2573

Delta R.T. 0.19 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

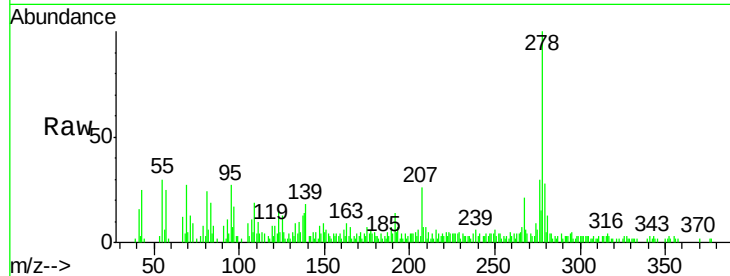
Tgt Ion:278 Resp: 35428

Ion Ratio Lower Upper

278 100

139 18.3 15.9 23.9

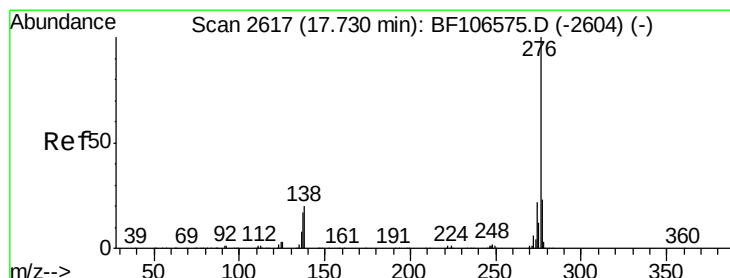
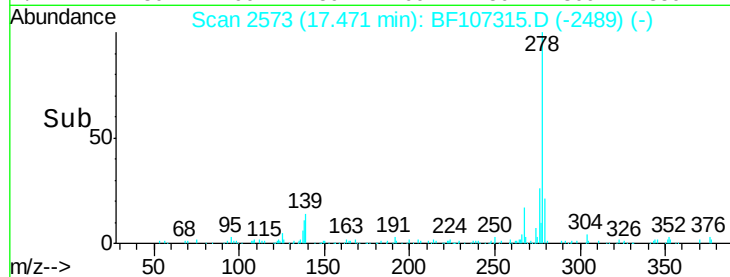
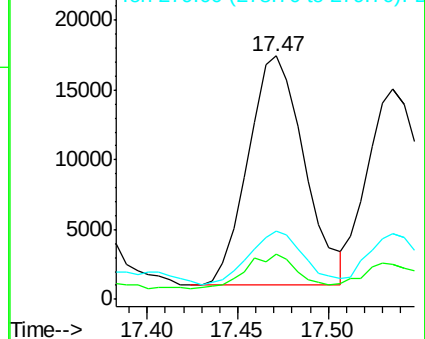
279 28.2 19.0 28.4



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(g,h,i)perylene

Concen: 64.422 ng

RT: 17.79 min Scan# 2628

Delta R.T. 0.04 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

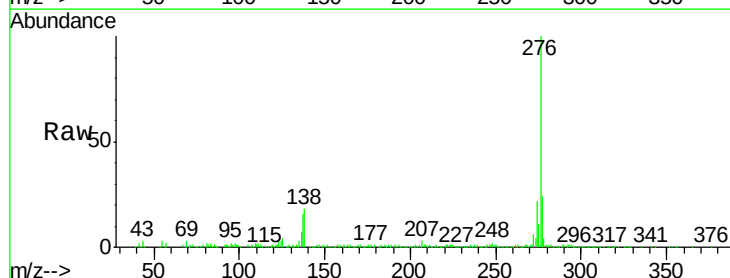
Tgt Ion:276 Resp: 377582

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 18.5 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

