

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107407.D
 Acq On : 16 Jul 2018 16:22
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 16:42:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 15:31:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	133100	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	529924	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	264602	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	567178	20.00	ng	0.00
75) Chrysene-d12	14.17	240	409732	20.00	ng	0.00
86) Perylene-d12	15.69	264	326622	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1237259	157.41	ng	0.00
7) Phenol-d6	6.61	99	1567340	159.67	ng	0.01
23) Nitrobenzene-d5	7.55	82	1591429	166.89	ng	0.01
41) 2,4,6-Tribromophenol	10.82	330	316910	103.34	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2289002	132.14	ng	0.00
78) Terphenyl-d14	13.11	244	2225563	131.57	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.84	88	312933	77.438	ng	93
3) Pyridine	3.62	79	901931	82.296	ng	93
4) n-Nitrosodimethylamine	3.60	42	390896	83.976	ng	# 90
6) Aniline	6.65	93	1132335	85.040	ng	# 81
8) 2-Chlorophenol	6.77	128	618059	71.690	ng	90
9) Benzaldehyde	6.54	77	635360	94.758	ng	89
10) Phenol	6.62	94	846341	75.550	ng	# 62
11) bis(2-Chloroethyl)ether	6.72	93	708783	76.641	ng	95
12) 1,3-Dichlorobenzene	6.92	146	733818	72.673	ng	# 88
13) 1,4-Dichlorobenzene	7.00	146	741164	72.602	ng	# 90
14) 1,2-Dichlorobenzene	7.16	146	655058	70.017	ng	94
15) Benzyl Alcohol	7.12	79	829385	105.227	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	7.25	45	810521	66.798	ng	84
17) 2-Methylphenol	7.22	107	604604	81.948	ng	# 85
18) Hexachloroethane	7.50	117	295299	82.257	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	597760	92.384	ng	# 95
20) 3+4-Methylphenols	7.38	107	700350	82.013	ng	# 80
22) Acetophenone	7.40	105	936908	79.026	ng	# 88
24) Nitrobenzene	7.57	77	858062	88.139	ng	# 86
25) Isophorone	7.81	82	1433943	85.338	ng	# 91
26) 2-Nitrophenol	7.88	139	334223	72.724	ng	# 73
27) 2,4-Dimethylphenol	7.91	122	566008	79.680	ng	# 83
28) bis(2-Chloroethoxy)methane	8.01	93	846640	75.044	ng	99
29) 2,4-Dichlorophenol	8.12	162	584690	78.620	ng	92
30) 1,2,4-Trichlorobenzene	8.21	180	639565	78.066	ng	98
31) Naphthalene	8.29	128	1693690	68.361	ng	97
32) Benzoic acid	8.04	122	422960	88.534	ng	# 72
33) 4-Chloroaniline	8.34	127	750469	72.190	ng	# 85
34) Hexachlorobutadiene	8.40	225	440004	82.425	ng	97
35) Caprolactam	8.73	113	191080	78.822	ng	# 85
36) 4-Chloro-3-methylphenol	8.81	107	772869	98.734	ng	# 81
37) 2-Methylnaphthalene	8.98	142	1124367	68.468	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	668607	75.032	ng	99
40) Hexachlorocyclopentadiene	9.13	237	416964	90.948	ng	96

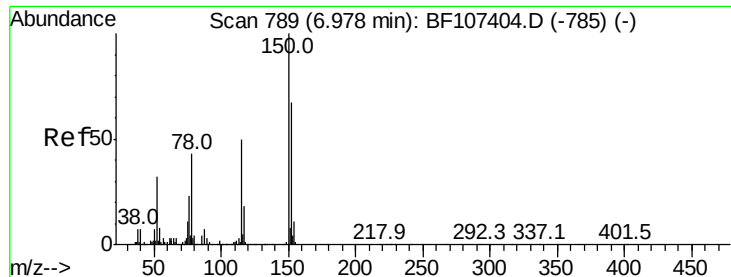
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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 QLast Update : Mon Jul 16 15:31:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	466053	78.682	ng	96
43) 2,4,5-Trichlorophenol	9.29	196	471101	76.221	ng	94
45) 1,1'-Biphenyl	9.45	154	1533293	72.711	ng	97
46) 2-Chloronaphthalene	9.47	162	1258299	75.806	ng	94
47) 2-Nitroaniline	9.57	65	495039	88.690	ng	# 71
48) Acenaphthylene	9.90	152	1734325	66.180	ng	95
49) Dimethylphthalate	9.75	163	1480996	74.626	ng	# 99
50) 2,6-Dinitrotoluene	9.81	165	323228	76.916	ng	# 70
51) Acenaphthene	10.07	154	1175596	71.238	ng	99
52) 3-Nitroaniline	9.98	138	346754	71.706	ng	# 74
53) 2,4-Dinitrophenol	10.08	184	157257	82.168	ng	# 29
54) Dibenzofuran	10.24	168	1690907	74.829	ng	91
55) 4-Nitrophenol	10.12	139	291266	86.290	ng	# 43
56) 2,4-Dinitrotoluene	10.21	165	461280	84.095	ng	# 72
57) Fluorene	10.58	166	1116471	62.264	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	392249	79.836	ng	93
59) Diethylphthalate	10.45	149	1444396	75.409	ng	95
60) 4-Chlorophenyl-phenylether	10.57	204	675584	72.007	ng	90
61) 4-Nitroaniline	10.61	138	328449	68.438	ng	# 48
62) Azobenzene	10.73	77	1681427	89.143	ng	86
64) 4,6-Dinitro-2-methylphenol	10.62	198	262265	74.805	ng	91
65) n-Nitrosodiphenylamine	10.69	169	1199710	62.887	ng	93
66) 4-Bromophenyl-phenylether	11.06	248	424094	62.653	ng	90
67) Hexachlorobenzene	11.12	284	397111	56.052	ng	# 89
68) Atrazine	11.21	200	450644	74.306	ng	95
69) Pentachlorophenol	11.31	266	321886	91.058	ng	95
70) Phenanthrene	11.54	178	1834013	67.042	ng	97
71) Anthracene	11.60	178	1839389	65.875	ng	99
72) Carbazole	11.75	167	1748557	66.886	ng	93
73) Di-n-butylphthalate	12.07	149	2061426	66.934	ng	# 97
74) Fluoranthene	12.74	202	2015747	66.853	ng	95
76) Benzidine	13.10	184	40684	3.486	ng	98
77) Pyrene	12.97	202	2047466	75.779	ng	97
79) Butylbenzylphthalate	13.58	149	874672	78.736	ng	# 89
80) Benzo(a)anthracene	14.15	228	1762454	70.577	ng	98
81) 3,3'-Dichlorobenzidine	14.12	252	571550	65.122	ng	# 96
82) Chrysene	14.19	228	1624422	70.707	ng	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	1111782	78.282	ng	93
84) Di-n-octyl phthalate	14.76	149	1807469	78.075	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	1308392	67.109	ng	# 92
87) Benzo(b)fluoranthene	15.28	252	1301415	64.142	ng	97
88) Benzo(k)fluoranthene	15.28	252	1301415	67.355	ng	# 97
89) Benzo(a)pyrene	15.64	252	1277034	70.801	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	1009505	66.040	ng	94
91) Benzo(g,h,i)perylene	17.76	276	1091968	73.086	ng	# 94

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

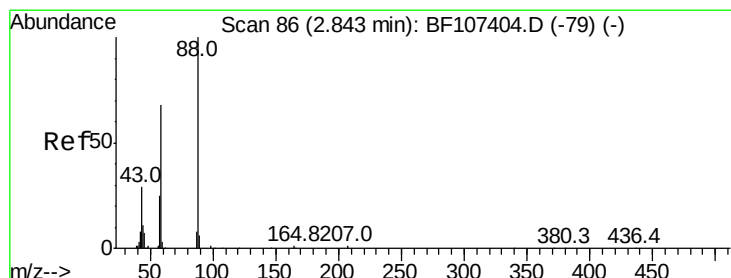
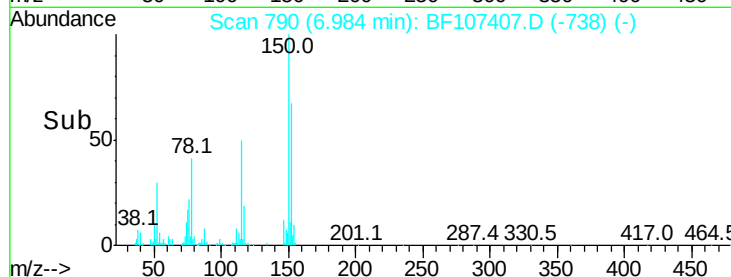
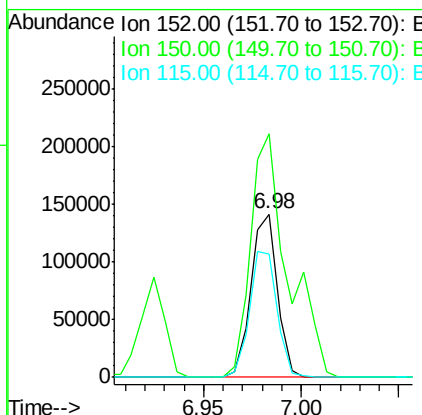
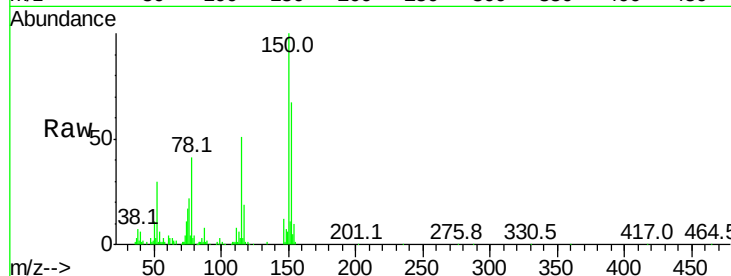


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Instrument :
 BNA_F
 ClientSampleId :

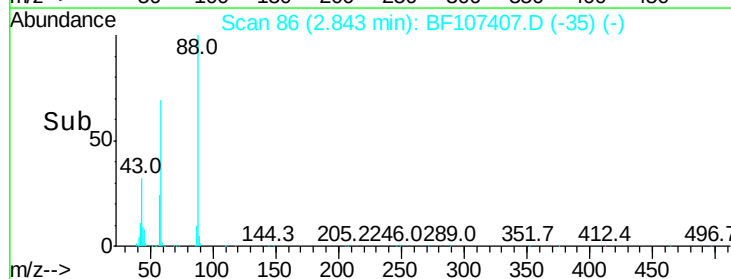
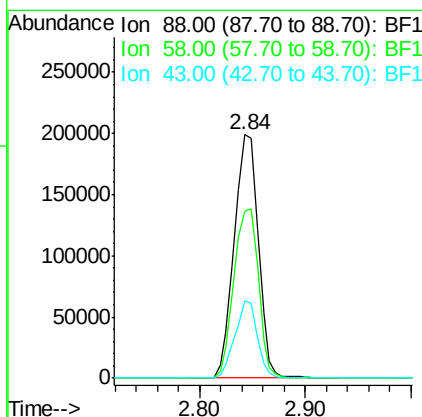
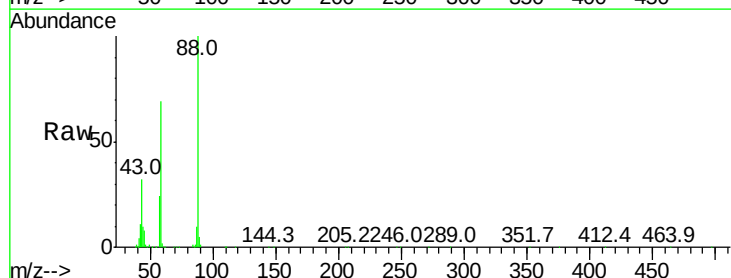
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	124.6	186.8
115	75.6	50.1	75.1#

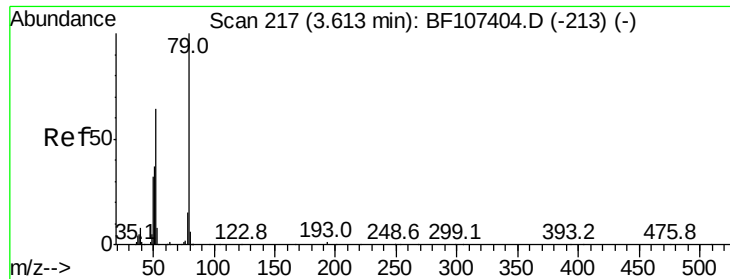


#2

1,4-Dioxane
 Concen: 77.438 ng
 RT: 2.84 min Scan# 86
 Delta R.T. -0.00 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	62.6	93.8
43	29.4	24.6	37.0





#3

Pvridine

Concen: 82.296 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

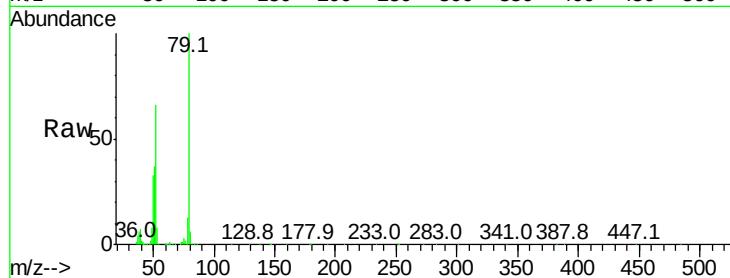
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 901931

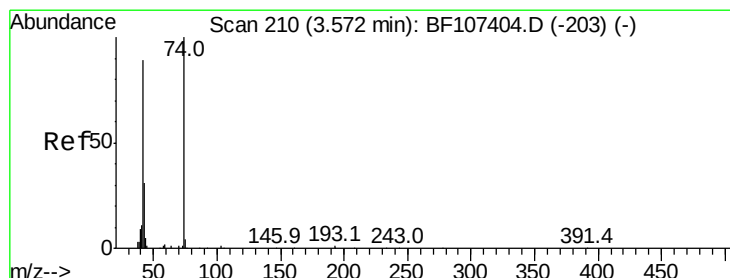
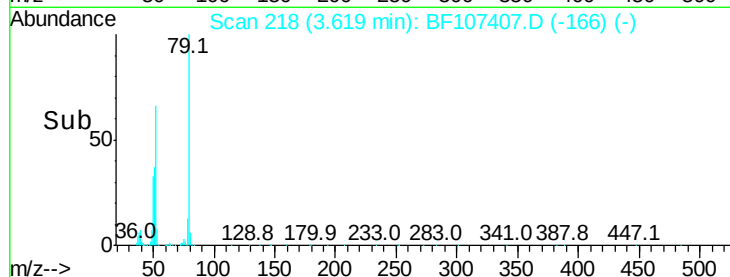
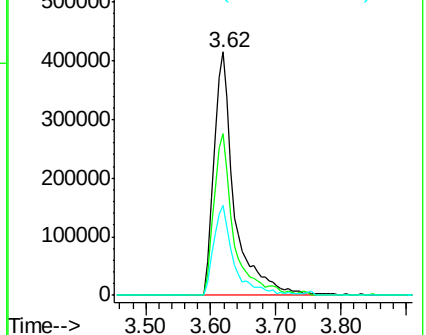
Ion	Ratio	Lower	Upper
79	100		
52	66.5	59.8	89.6
51	36.8	29.8	44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 83.976 ng

RT: 3.60 min Scan# 215

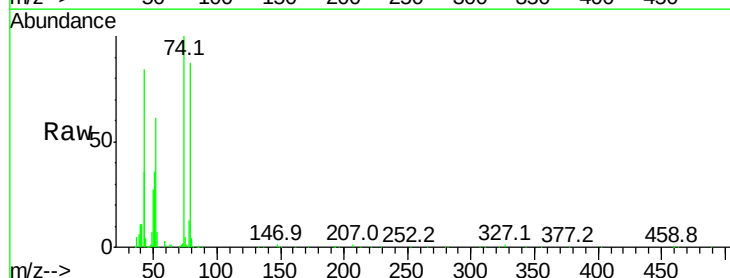
Delta R.T. 0.03 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion: 42 Resp: 390896

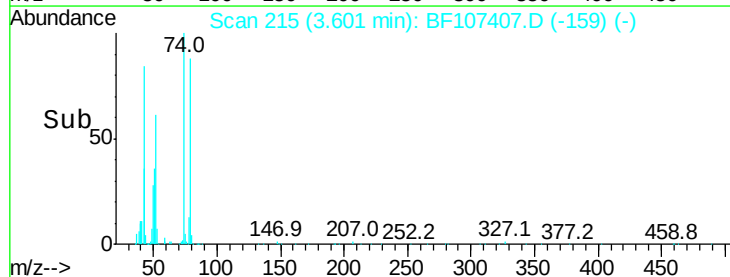
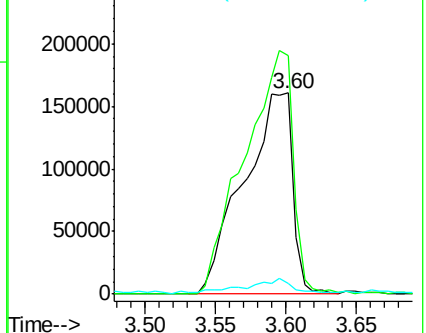
Ion	Ratio	Lower	Upper
42	100		
74	118.9	104.9	157.3
44	5.1	6.9	10.3

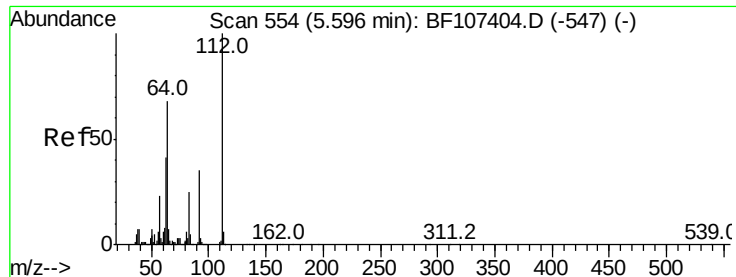


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 157.406 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

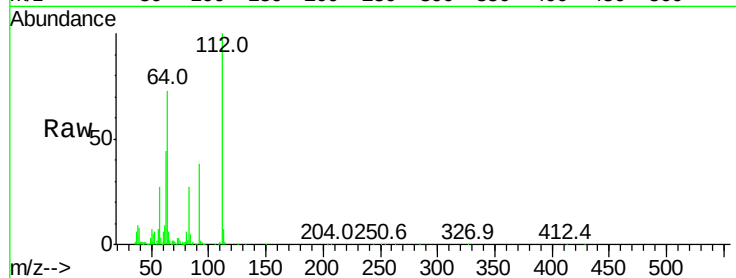
Tot Ion:112 Resp: 1237259

Ion Ratio Lower Upper

112 100

64 72.8 47.9 71.9#

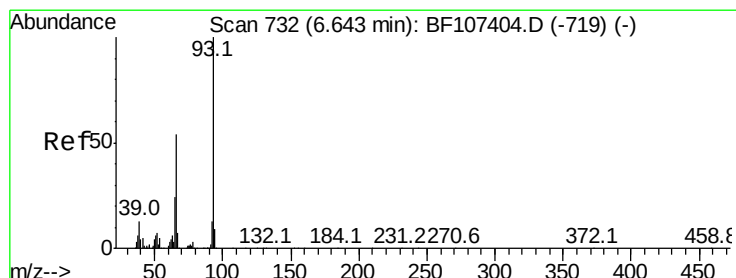
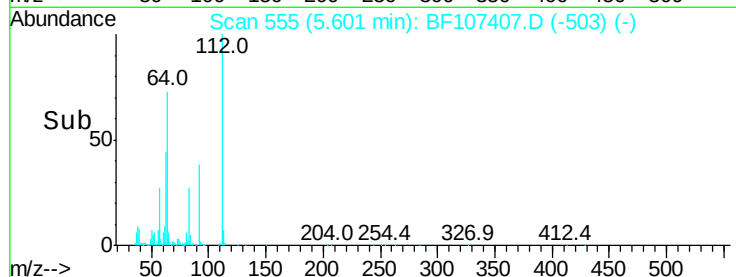
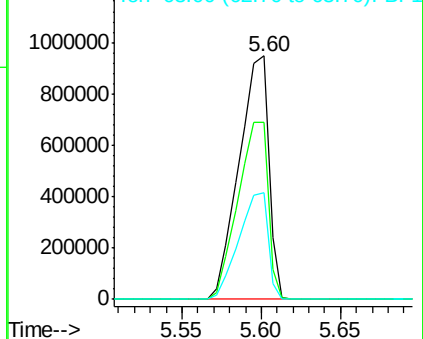
63 43.6 23.7 35.5#



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: 85.040 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

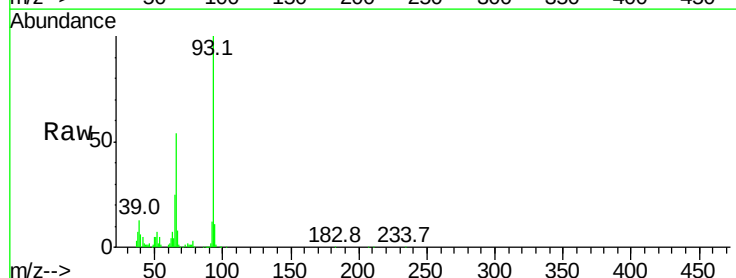
Tgt Ion: 93 Resp: 1132335

Ion Ratio Lower Upper

93 100

66 54.4 32.2 48.2#

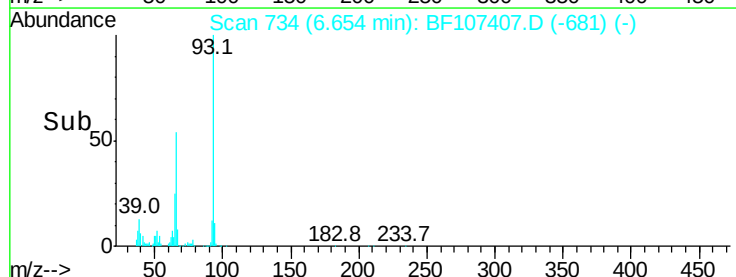
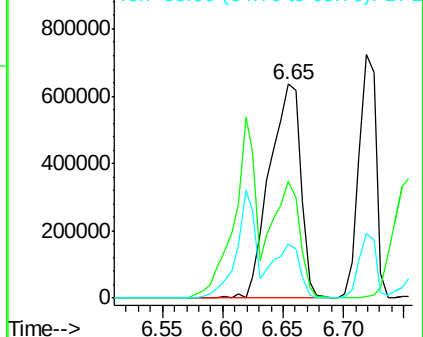
65 25.2 16.4 24.6#

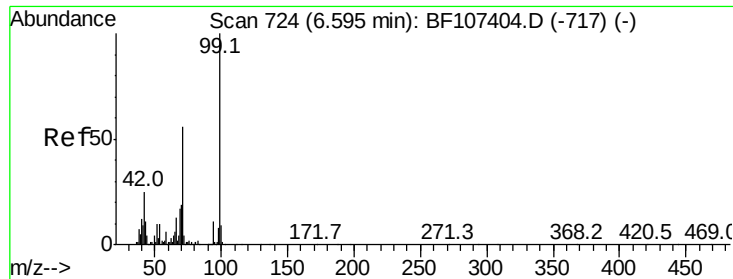


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 159.672 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

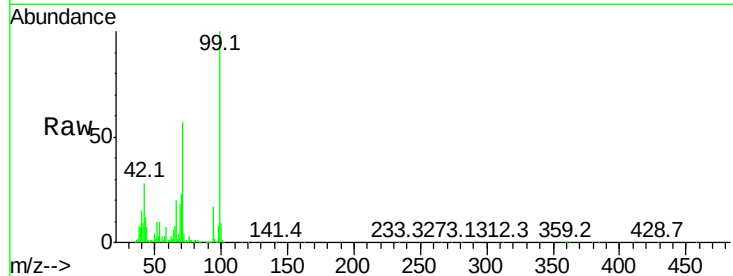
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1567340

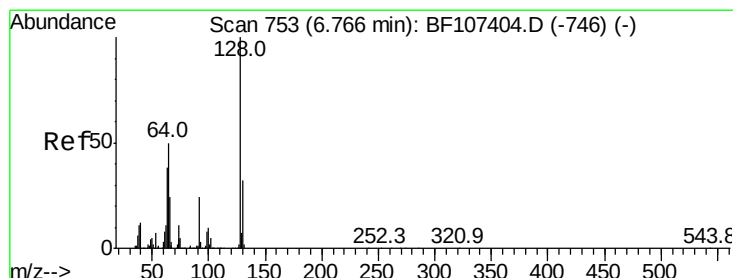
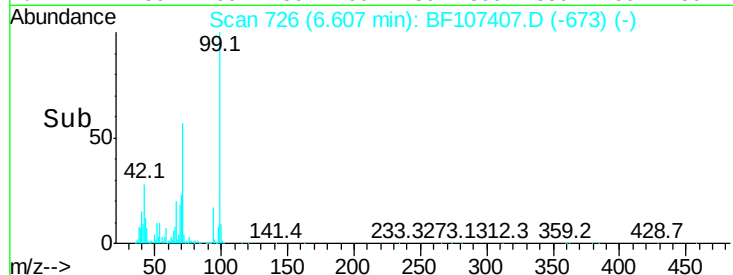
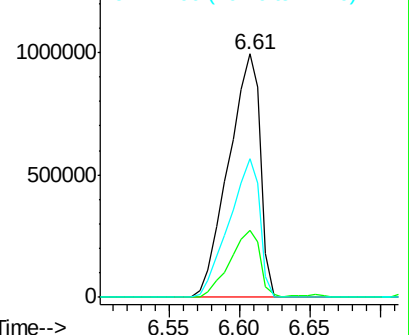
Ion	Ratio	Lower	Upper
99	100		
42	27.7	14.5	21.7#
71	56.8	25.4	38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 71.690 ng

RT: 6.77 min Scan# 754

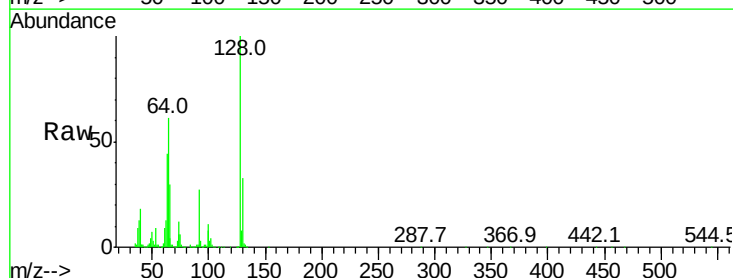
Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion: 128 Resp: 618059

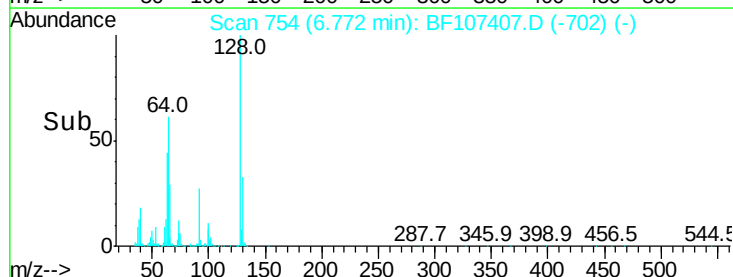
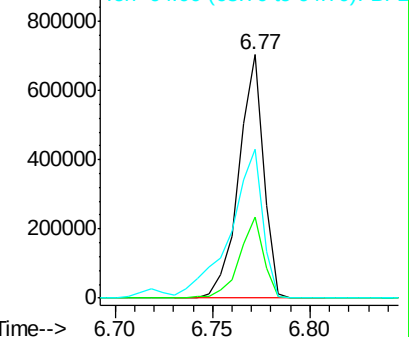
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.0	53.0
64	61.0	29.4	69.4

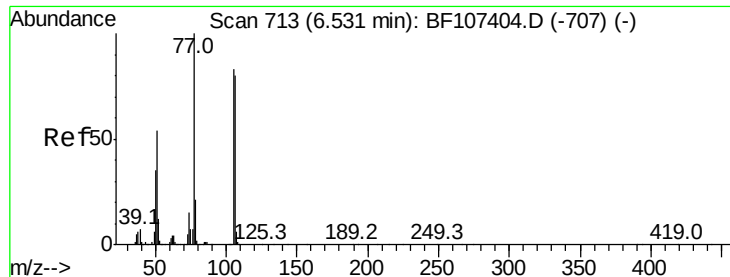


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 94.758 ng

RT: 6.54 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

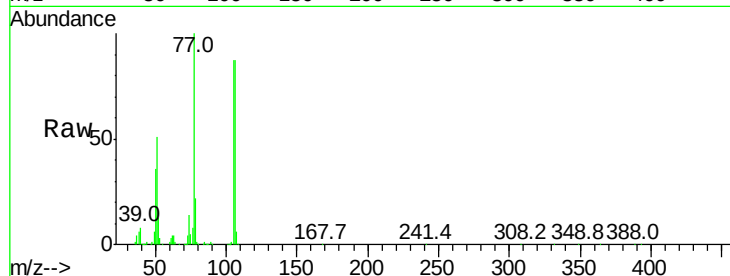
Tot Ion: 77 Resp: 635360

Ion Ratio Lower Upper

77 100

105 87.3 81.1 121.1

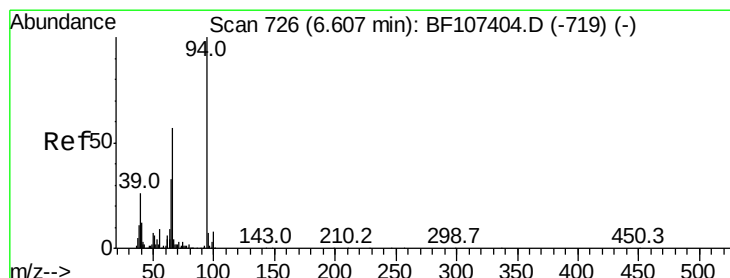
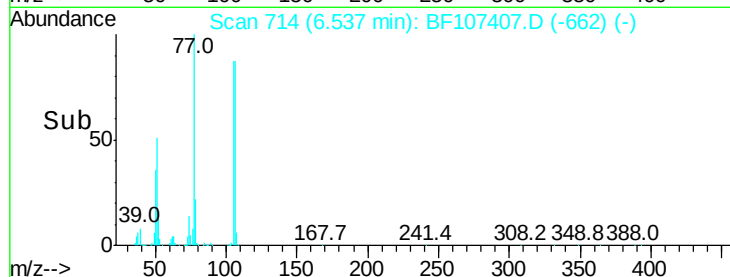
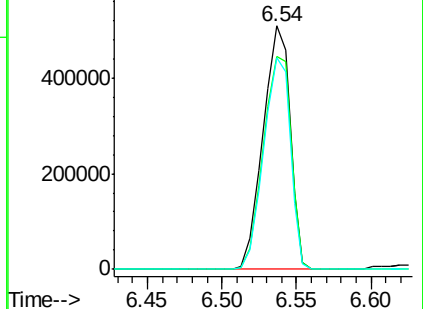
106 86.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 75.550 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

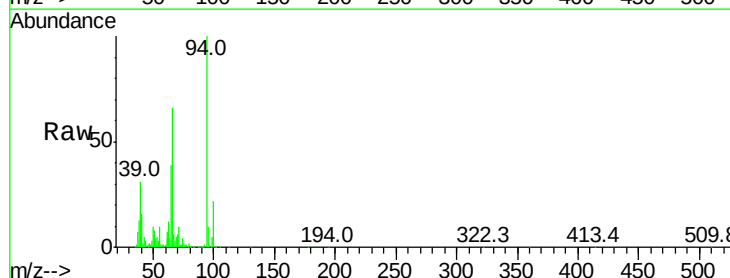
Tgt Ion: 94 Resp: 846341

Ion Ratio Lower Upper

94 100

65 39.3 7.9 47.9

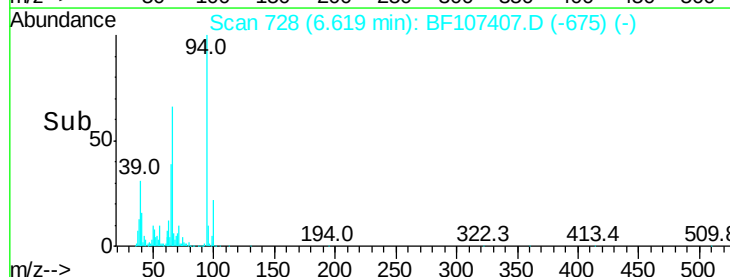
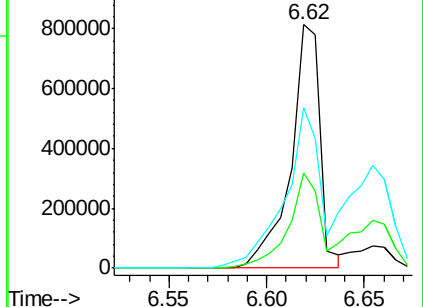
66 66.0 16.2 56.2#

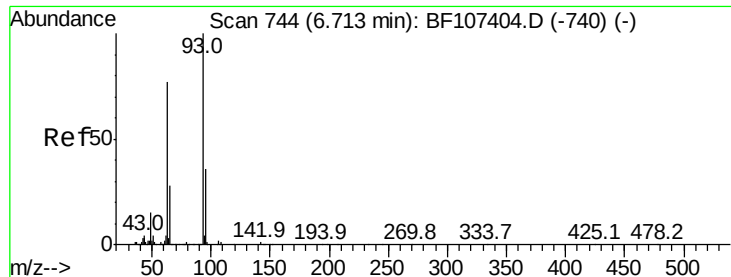


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 76.641 ng

RT: 6.72 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

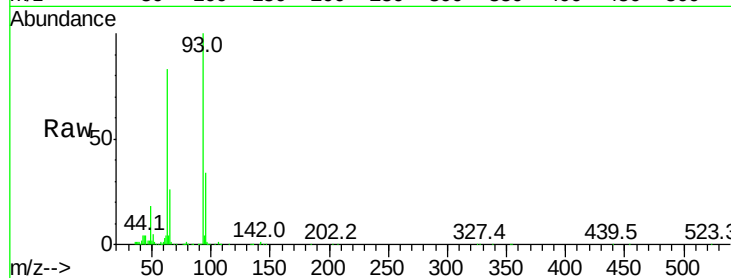
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 708783

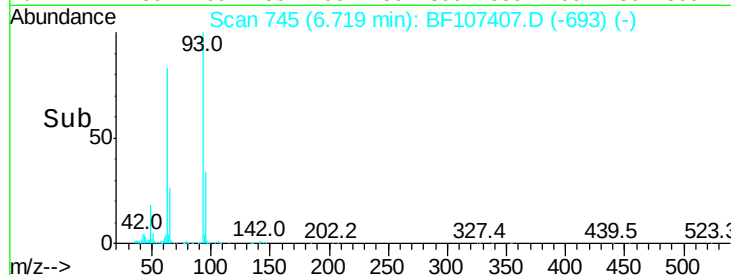
Ion	Ratio	Lower	Upper
93	100		
63	82.6	58.6	98.6
95	34.5	11.8	51.8



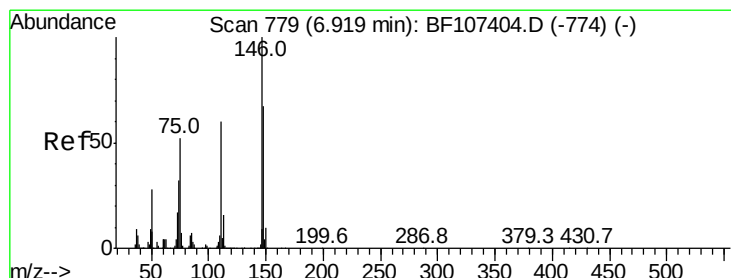
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



Time-->



#12

1,3-Dichlorobenzene

Concen: 72.673 ng

RT: 6.92 min Scan# 780

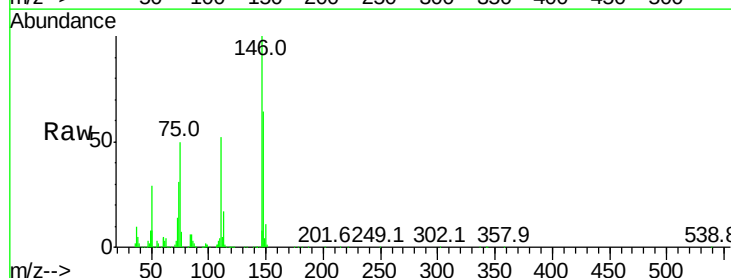
Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion: 146 Resp: 733818

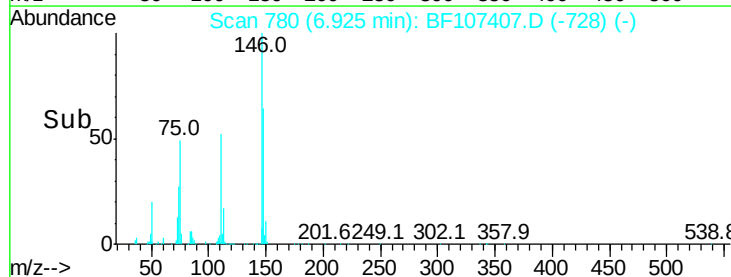
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	50.3	24.2	36.4



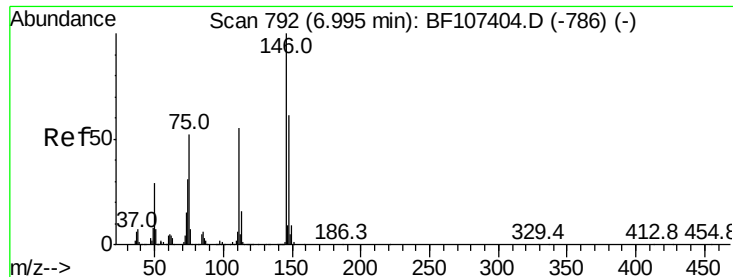
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



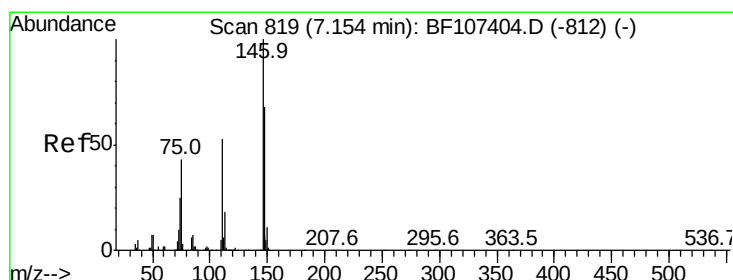
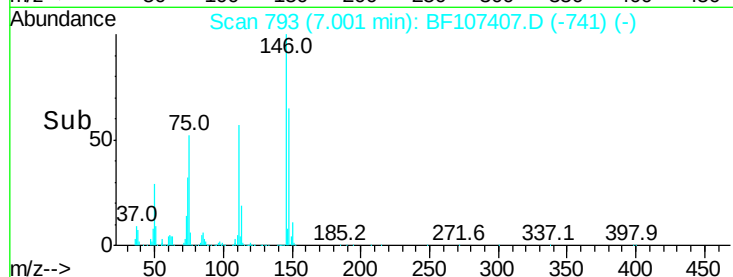
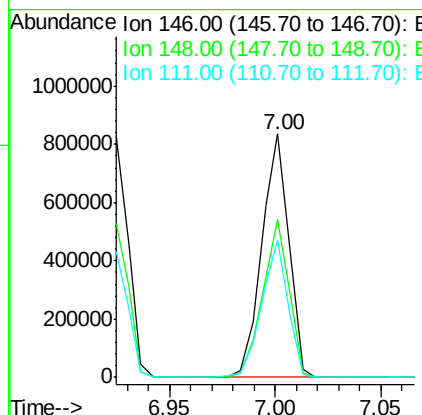
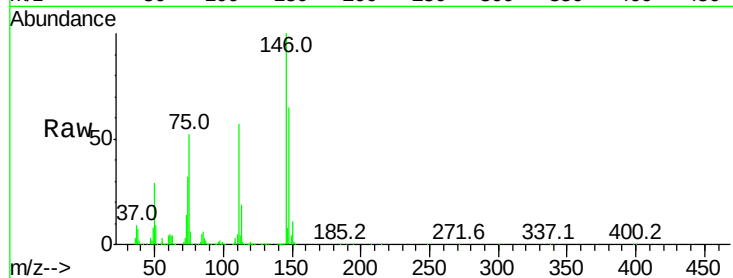
Time-->



#13
 1,4-Dichlorobenzene
 Concen: 72.602 ng
 RT: 7.00 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

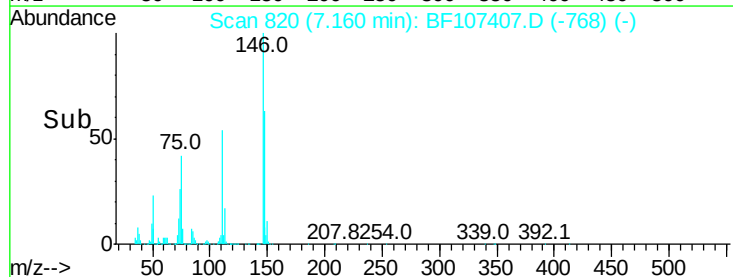
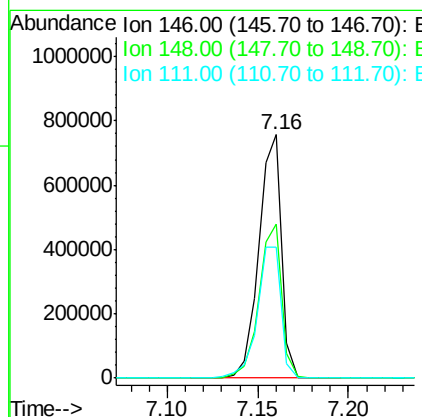
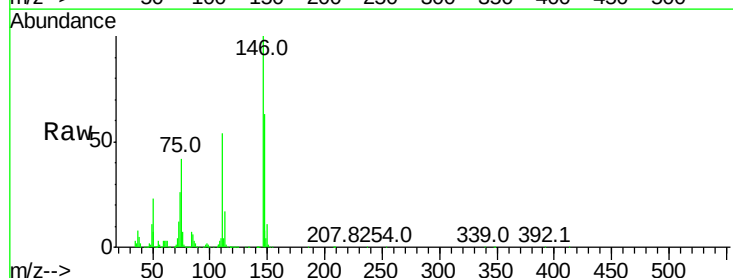
Instrument :
 BNA_F
 ClientSampleId :

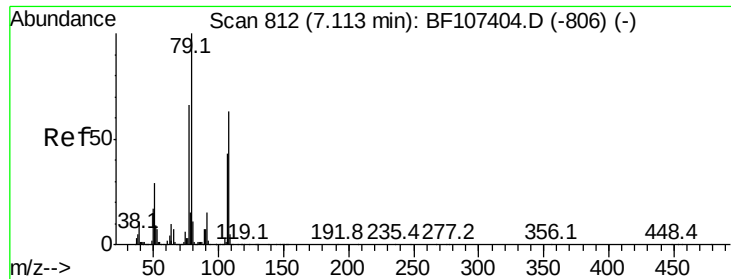
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	56.5	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 70.017 ng
 RT: 7.16 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	53.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 105.227 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

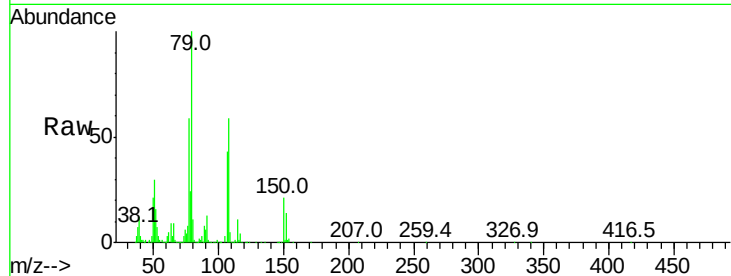
Tot Ion: 79 Resp: 829385

Ion Ratio Lower Upper

79 100

108 59.3 65.1 97.7#

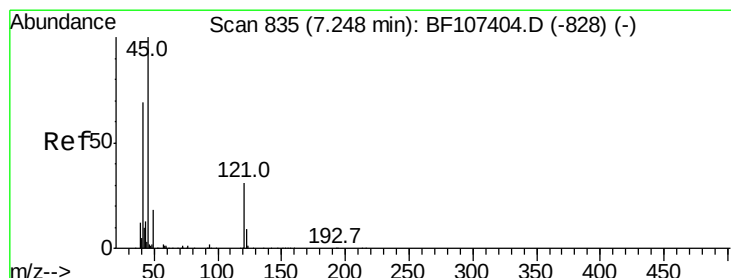
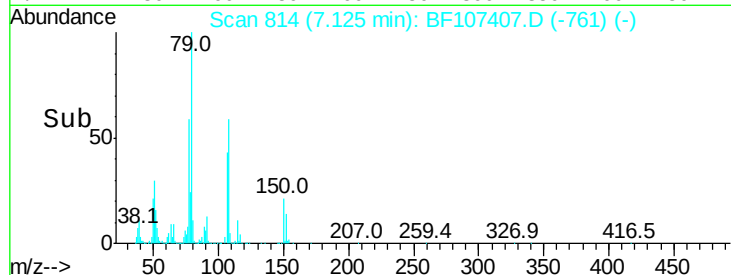
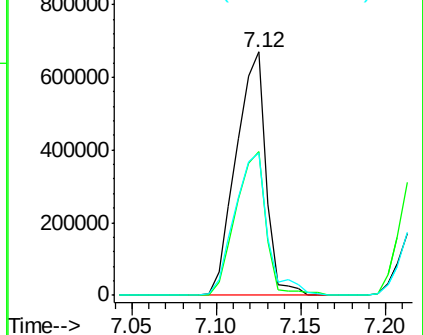
77 58.6 50.6 75.8



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: 66.798 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

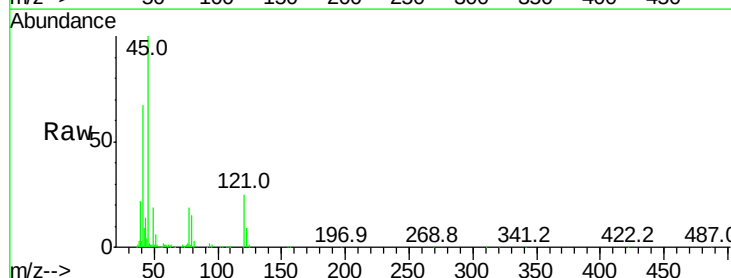
Tgt Ion: 45 Resp: 810521

Ion Ratio Lower Upper

45 100

77 19.2 0.0 32.9

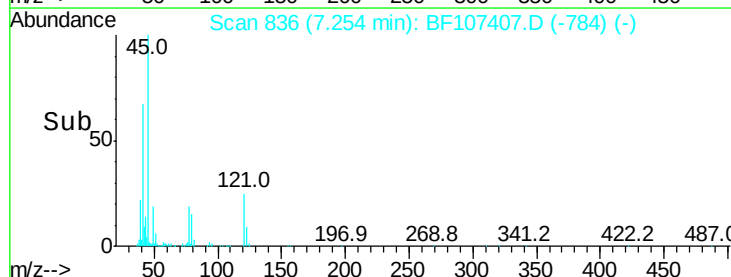
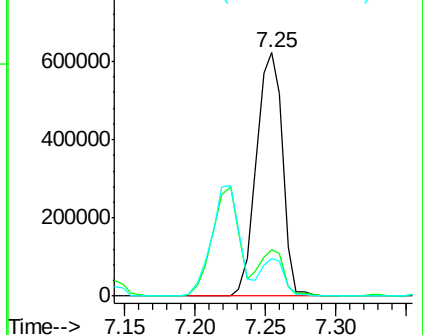
79 15.2 0.0 29.6

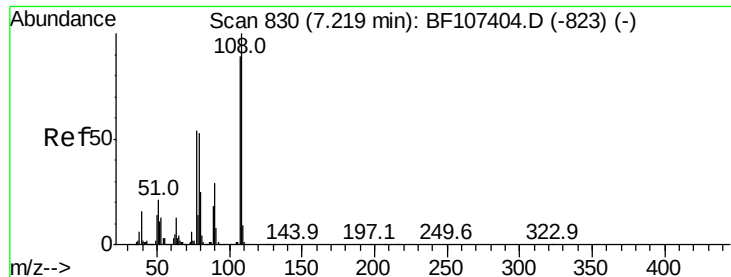


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 81.948 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 604604

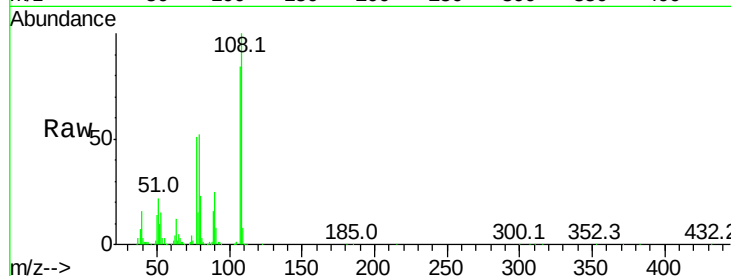
Ion Ratio Lower Upper

107 100

108 119.3 91.7 137.5

77 60.6 33.8 50.8#

79 61.4 33.8 50.8#

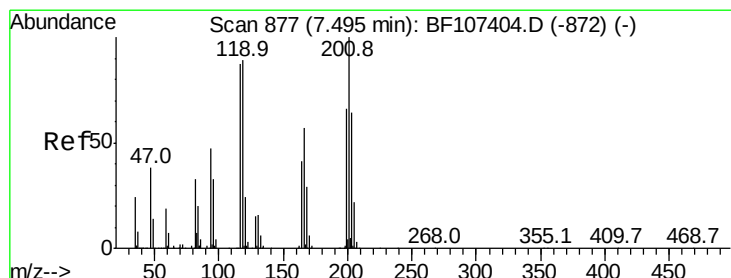
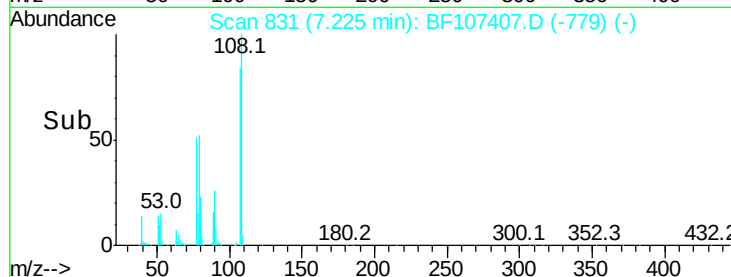
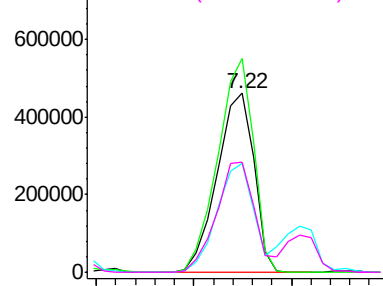


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 82.257 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

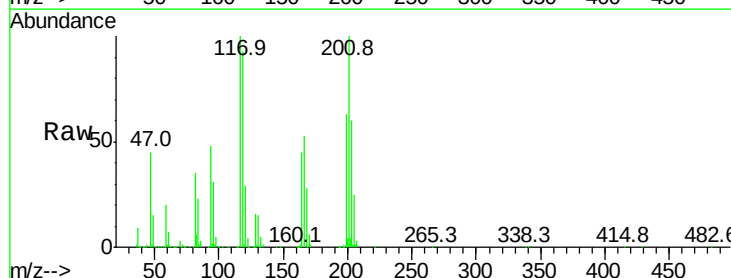
Tgt Ion:117 Resp: 295299

Ion Ratio Lower Upper

117 100

119 93.0 75.8 113.8

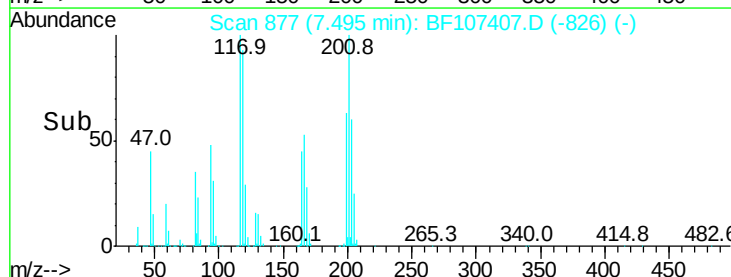
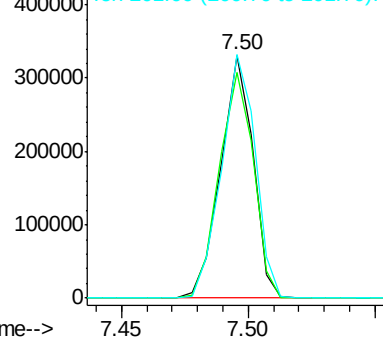
201 100.2 75.7 113.5

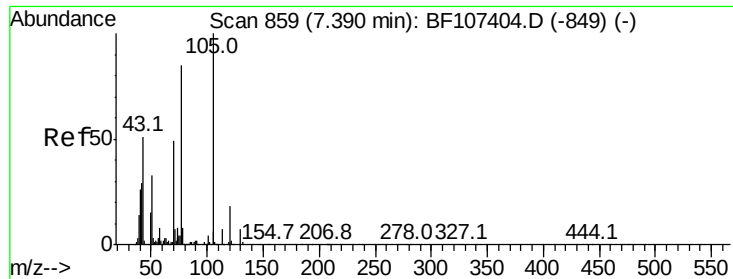


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

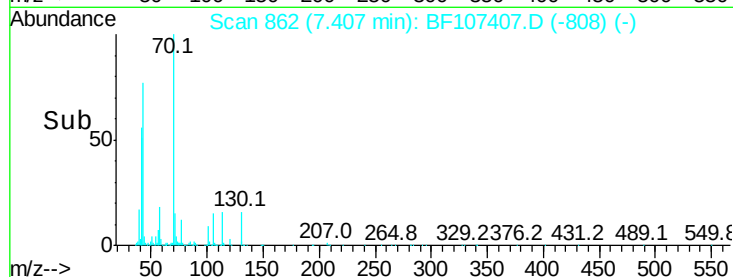
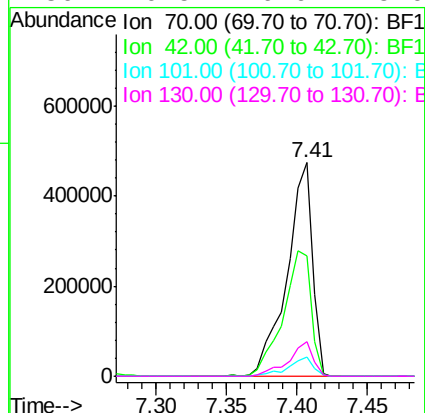
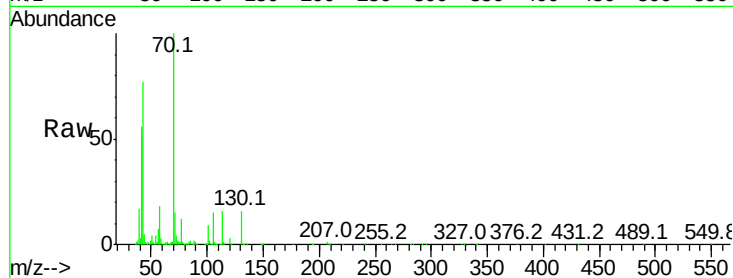




#19
n-Nitroso-di-n-propylamine
Concen: 92.384 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

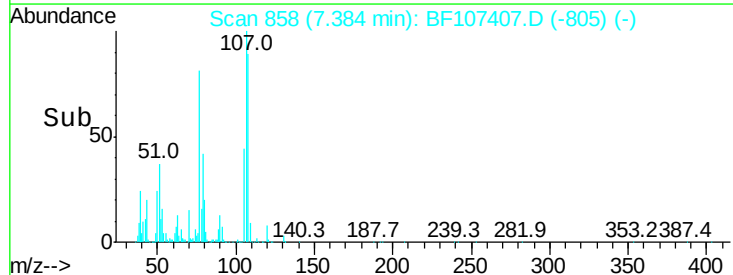
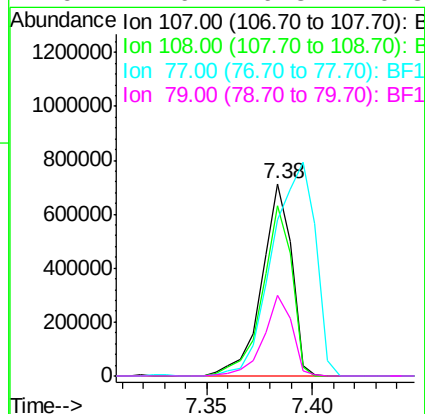
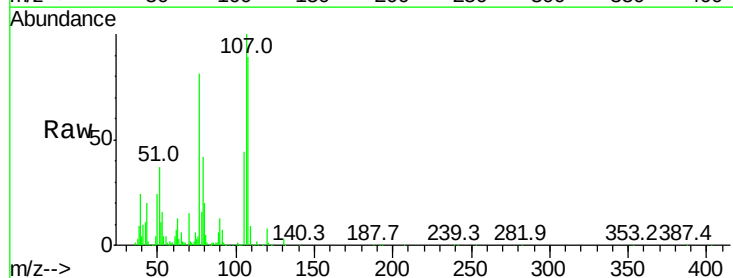
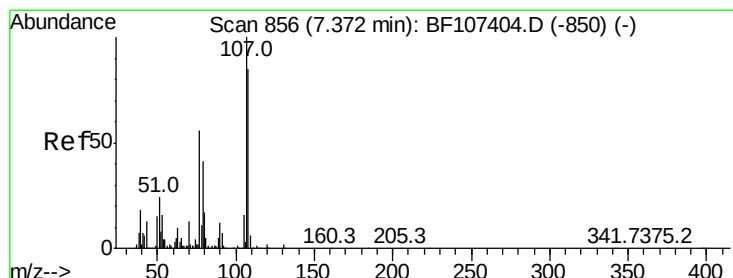
Instrument :
BNA_F
ClientSampleId :

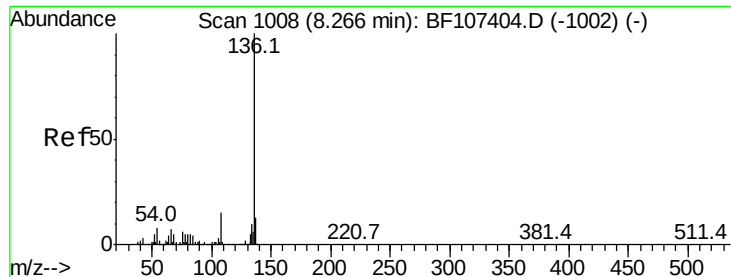
Tot Ion: 70 Resp: 597760
Ion Ratio Lower Upper
70 100
42 56.2 47.5 71.3
101 9.2 7.4 11.2
130 16.5 16.6 25.0#



#20
3+4-Methylphenols
Concen: 82.013 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Tgt Ion: 107 Resp: 700350
Ion Ratio Lower Upper
107 100
108 88.7 68.2 108.2
77 81.0 26.7 66.7#
79 41.6 6.3 46.3

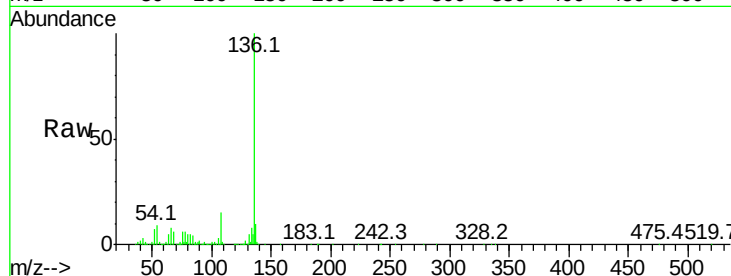




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	529924	
Ion Ratio	Lower	Upper	
136 100			
137 9.6	8.9	13.3	
54 9.1	6.6	9.8	
68 5.9	5.0	7.4	

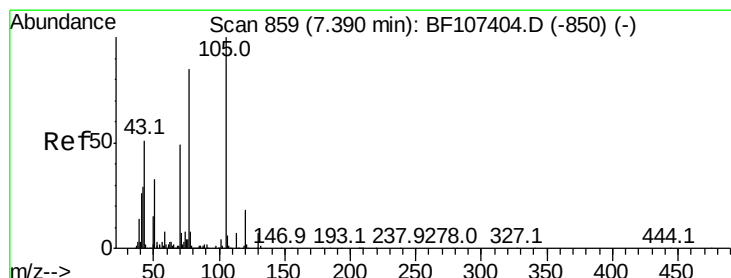
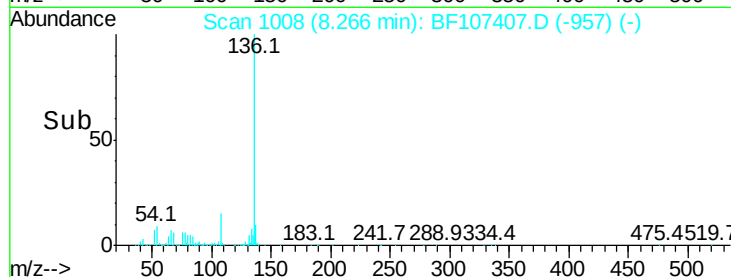
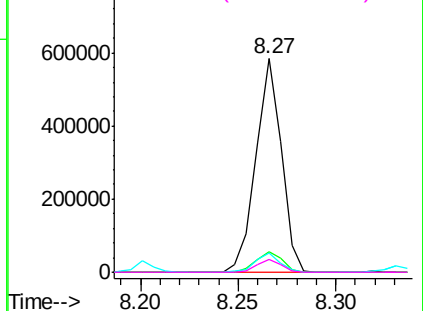


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

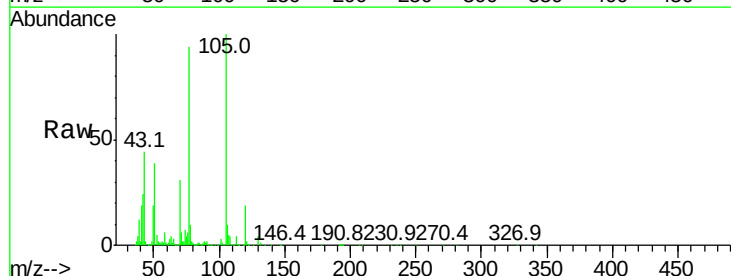
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 79.026 ng
RT: 7.40 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Tgt	Ion:105	Resp:	936908
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.4	6.6
51	38.6	22.3	33.5#
120	19.2	16.9	25.3

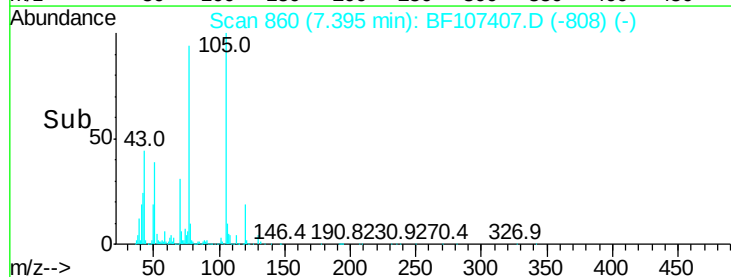
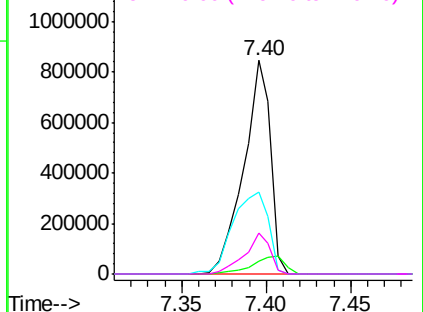


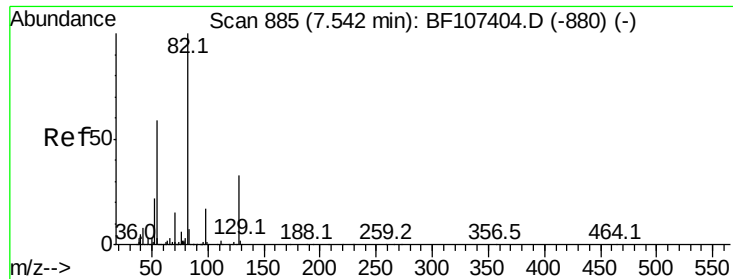
Abundance Ion 105.00 (104.70 to 105.70): E

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

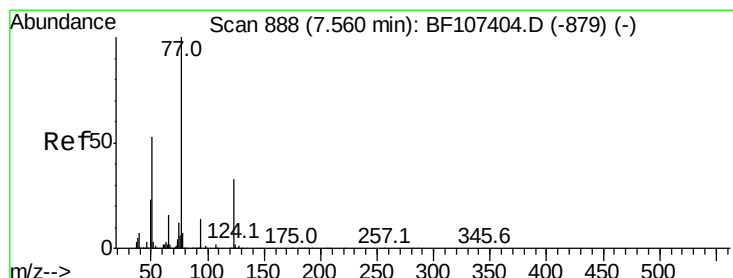
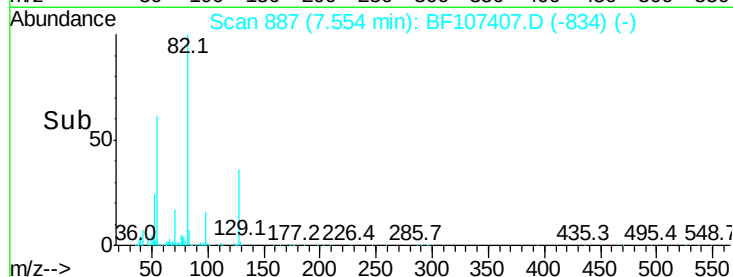
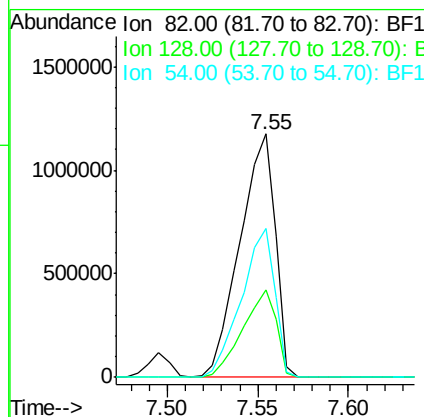
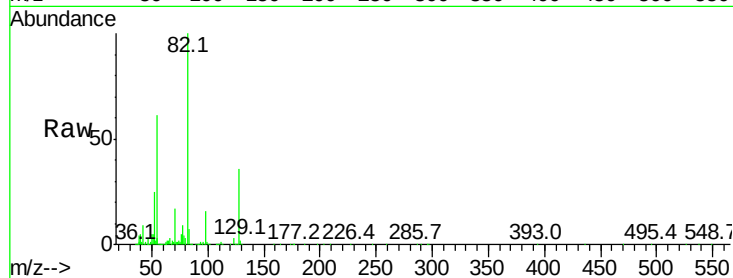




#23
 Nitrobenzene-d5
 Concen: 166.894 ng
 RT: 7.55 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

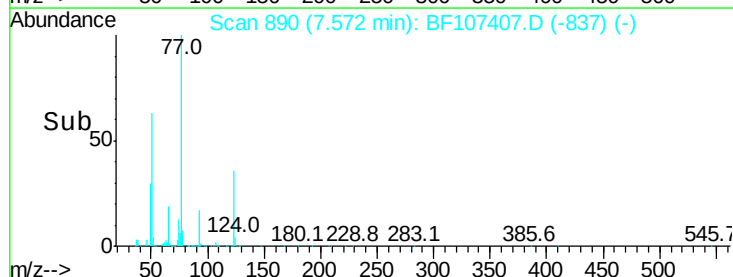
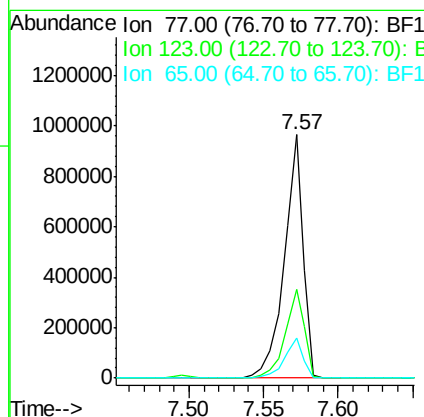
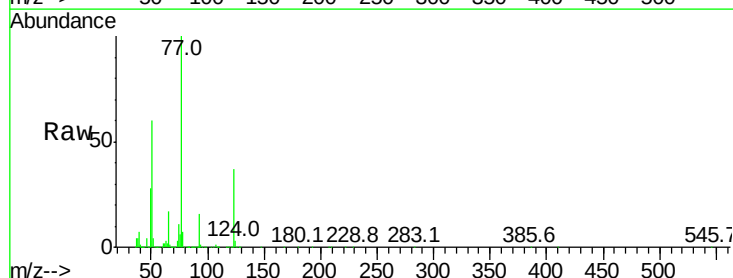
Instrument :
 BNA_F
 ClientSampleId :

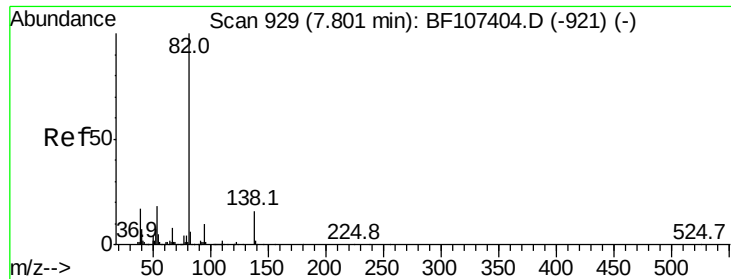
Tot Ion: 82 Resp: 1591429
 Ion Ratio Lower Upper
 82 100
 128 36.2 36.1 54.1
 54 61.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 88.139 ng
 RT: 7.57 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Tgt Ion: 77 Resp: 858062
 Ion Ratio Lower Upper
 77 100
 123 36.5 37.9 56.9#
 65 16.7 11.0 16.4#





#25

Isophorone

Concen: 85.338 ng

RT: 7.81 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampled :

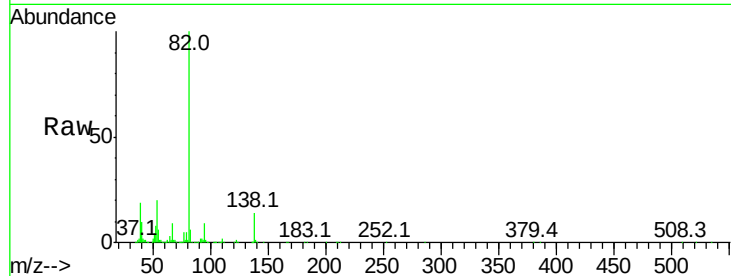
Tot Ion: 82 Resp: 1433943

Ion Ratio Lower Upper

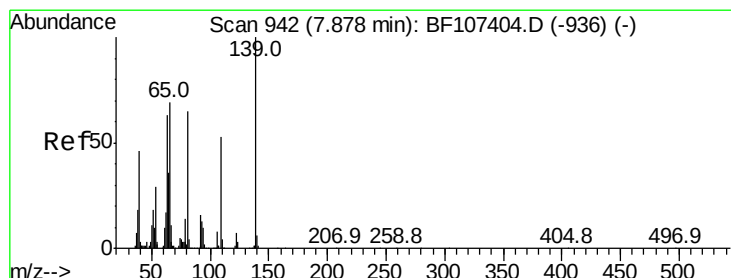
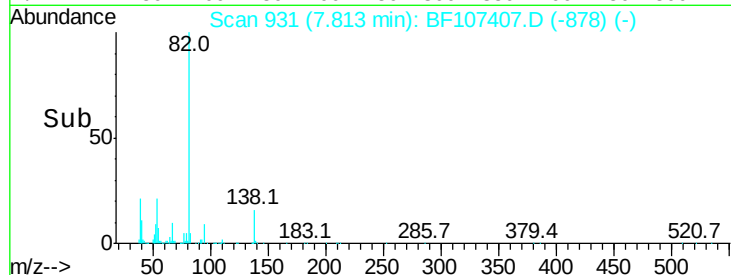
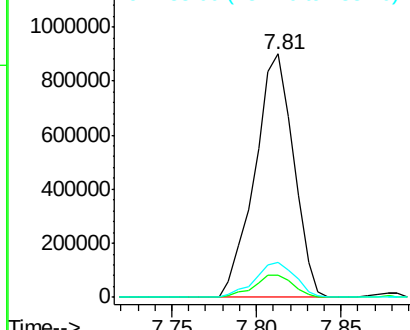
82 100

95 8.9 5.2 7.8#

138 14.4 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 72.724 ng

RT: 7.88 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

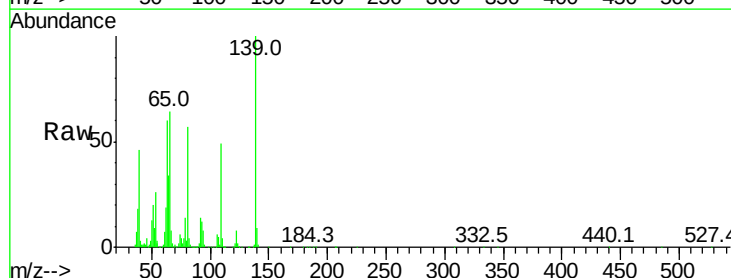
Tgt Ion: 139 Resp: 334223

Ion Ratio Lower Upper

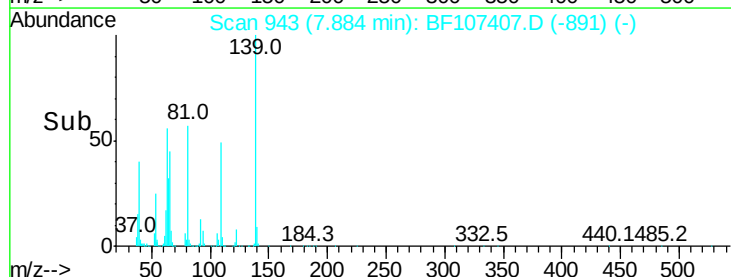
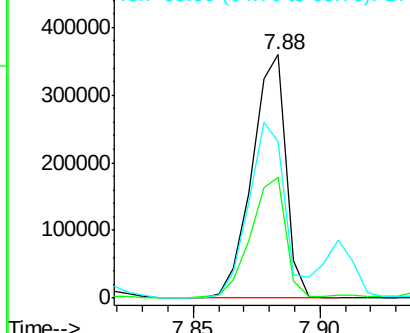
139 100

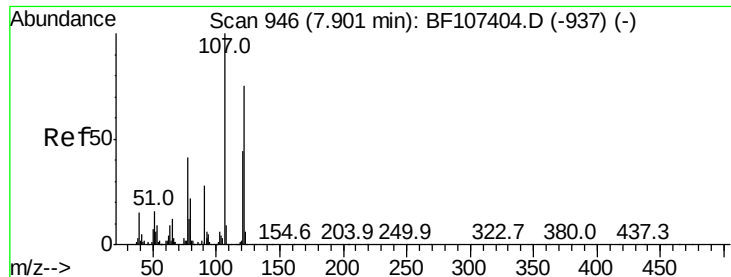
109 49.4 22.7 34.1#

65 64.3 40.5 60.7#



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 79.680 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

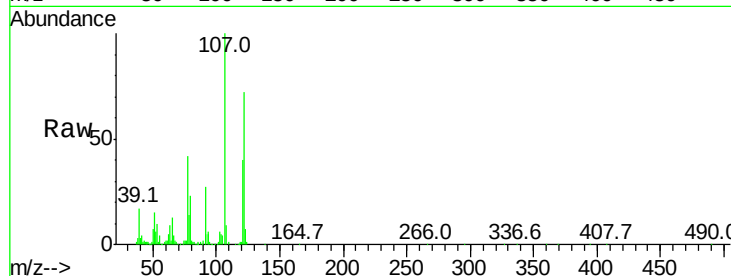
Tot Ion:122 Resp: 566008

Ion Ratio Lower Upper

122 100

107 139.0 91.2 136.8#

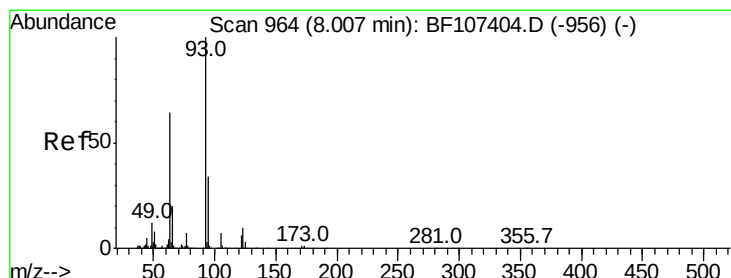
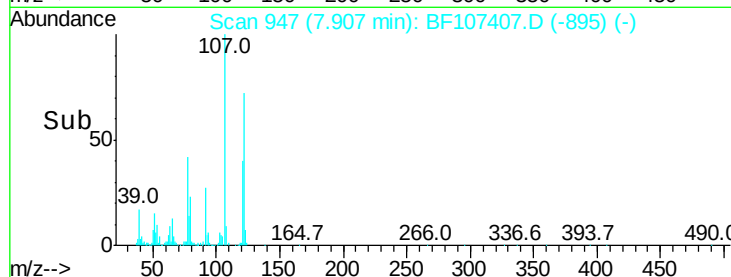
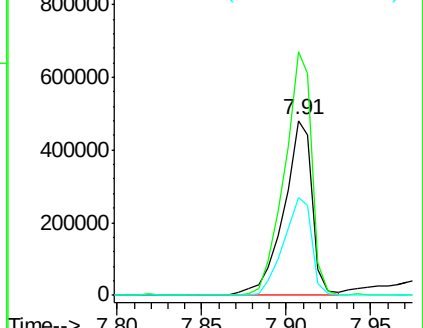
121 56.1 47.2 70.8



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: 75.044 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

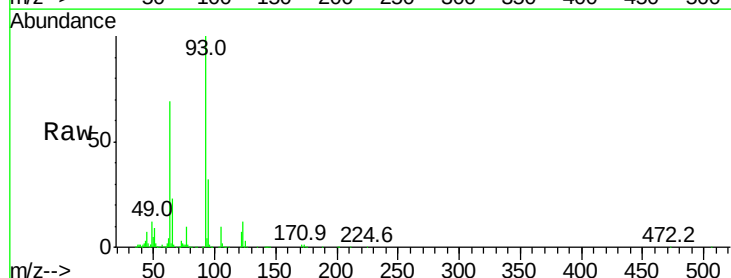
Tgt Ion: 93 Resp: 846640

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

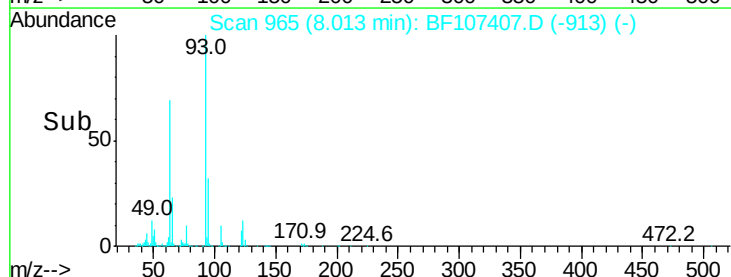
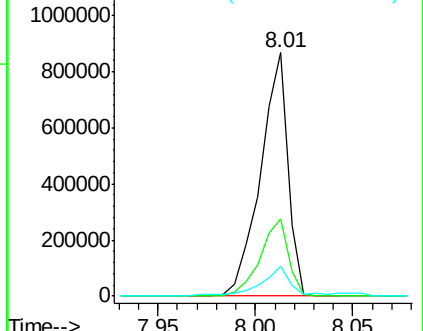
123 12.0 9.8 14.6

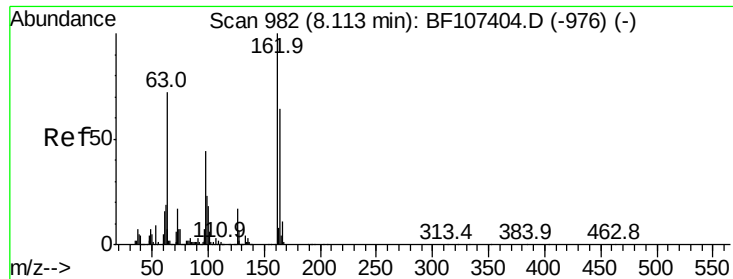


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 78.620 ng

RT: 8.12 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

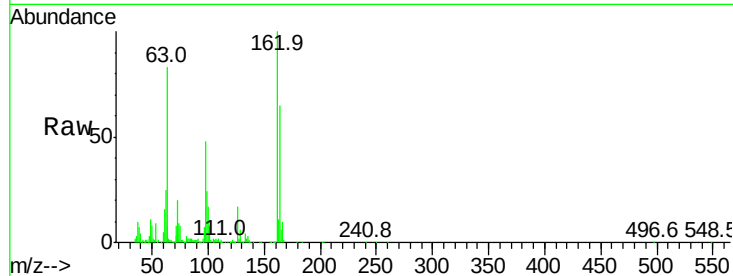
Tot Ion:162 Resp: 584690

Ion Ratio Lower Upper

162 100

164 64.9 42.7 82.7

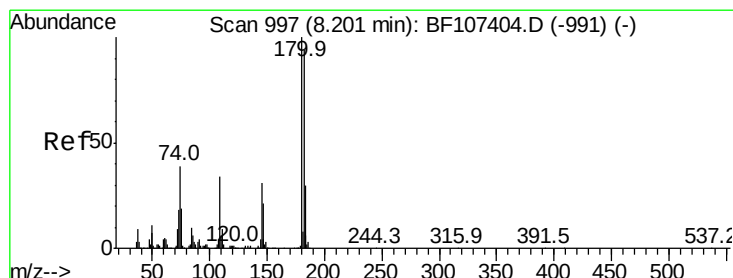
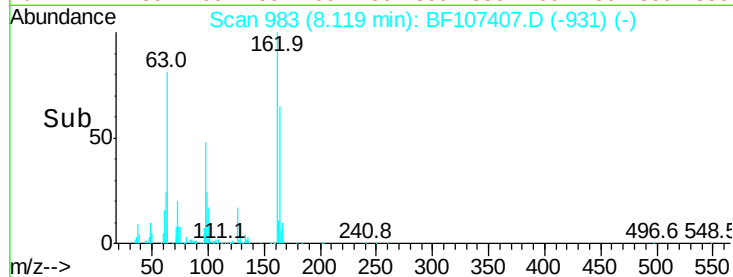
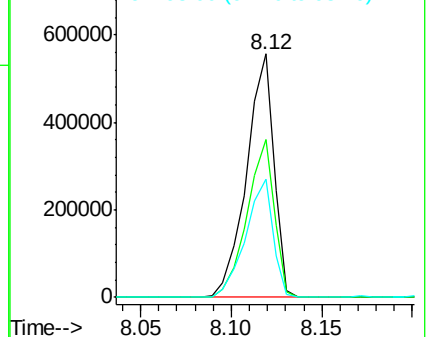
98 48.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 78.066 ng

RT: 8.21 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

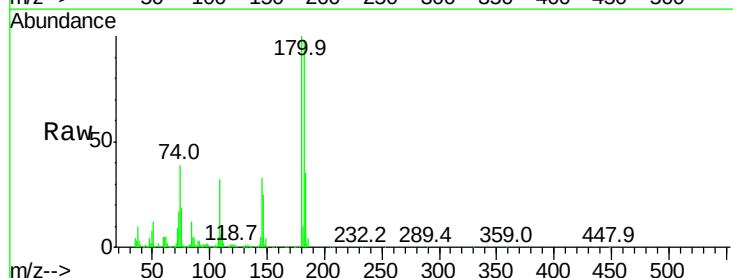
Tgt Ion:180 Resp: 639565

Ion Ratio Lower Upper

180 100

182 98.2 76.8 115.2

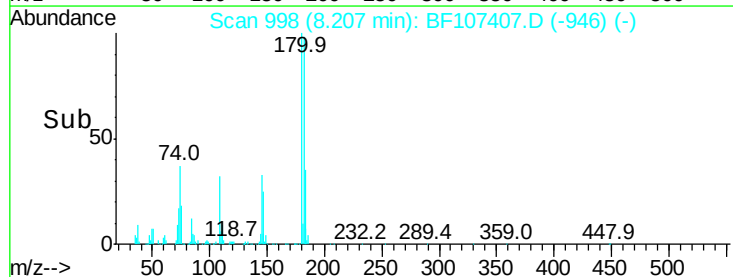
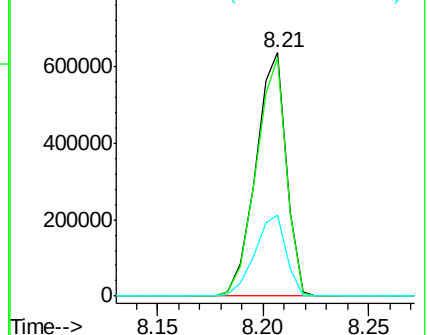
145 33.2 26.5 39.7

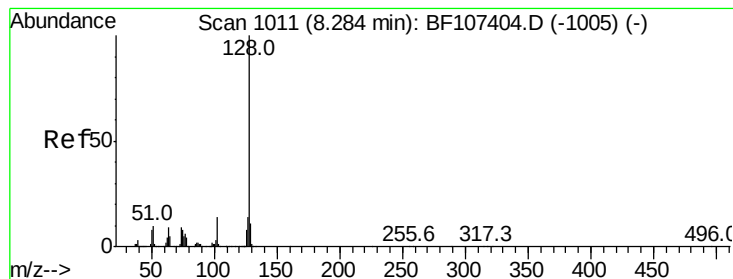


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 68.361 ng

RT: 8.29 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

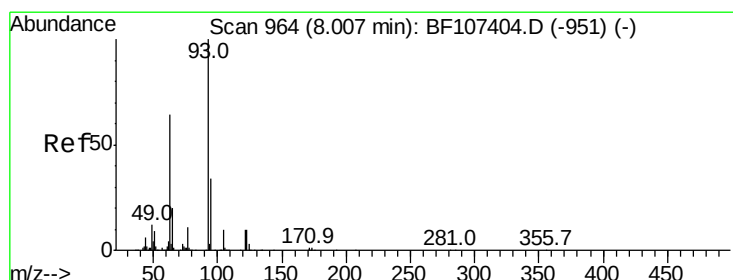
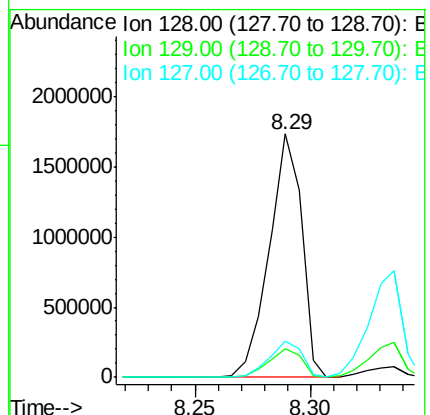
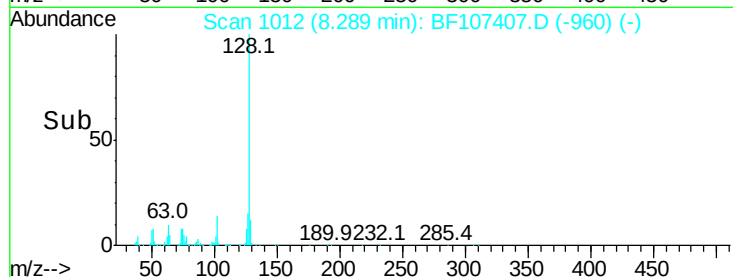
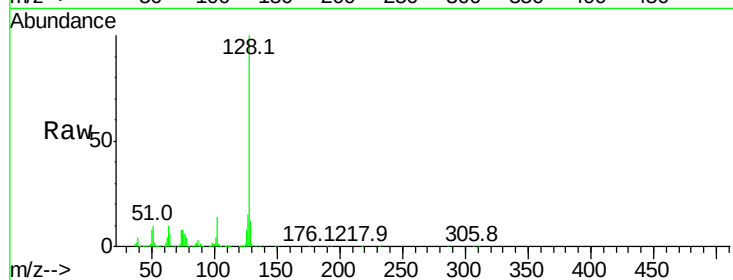
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1693690

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	15.1	10.9	16.3



#32

Benzoic acid

Concen: 88.534 ng

RT: 8.04 min Scan# 970

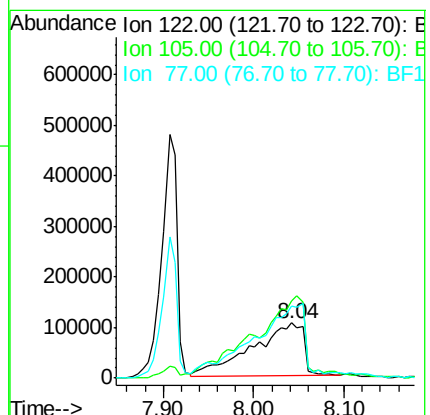
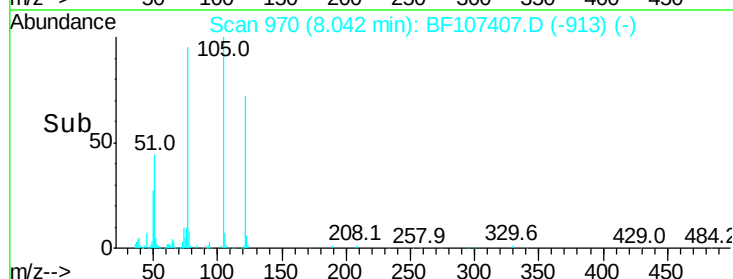
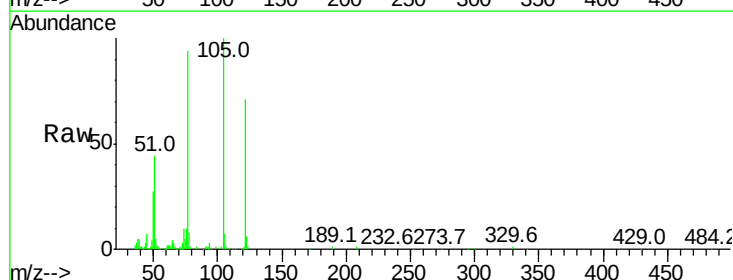
Delta R.T. 0.04 min

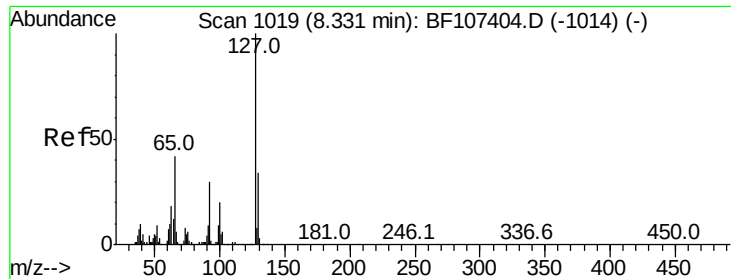
Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion:122 Resp: 422960

Ion	Ratio	Lower	Upper
122	100		
105	139.9	101.1	141.1
77	132.2	70.7	110.7

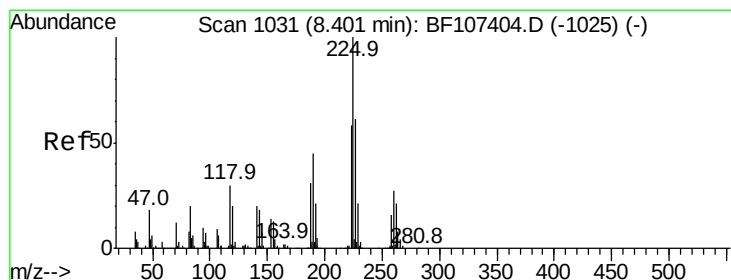
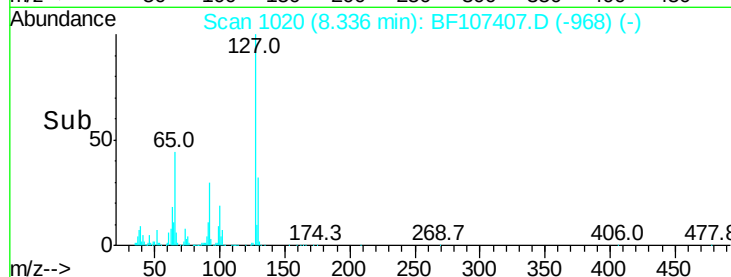
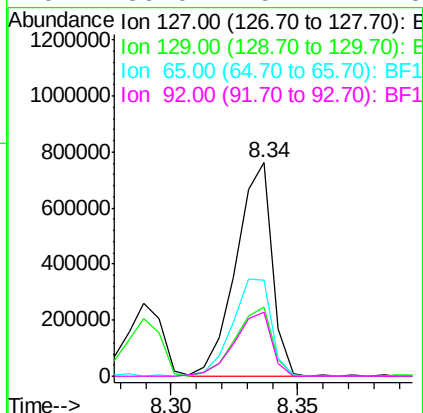
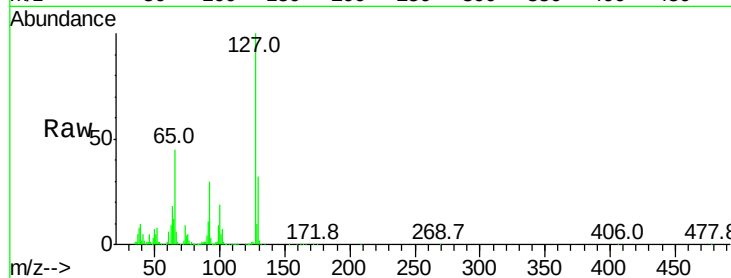




#33
4-Chloroaniline
Concen: 72.190 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

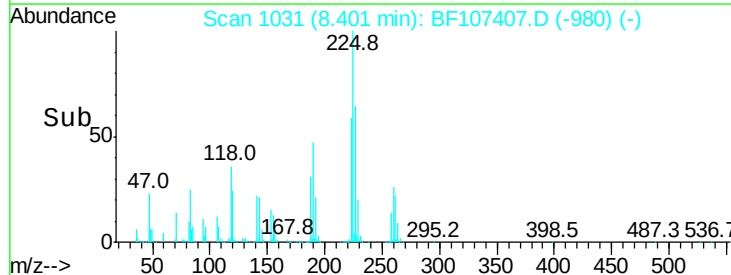
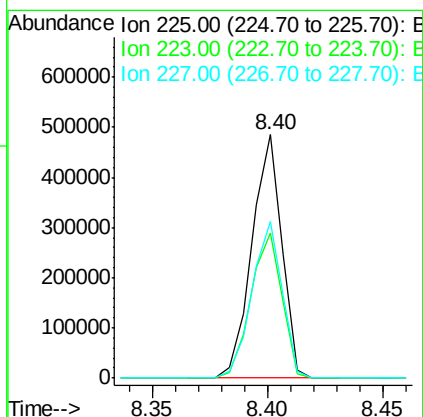
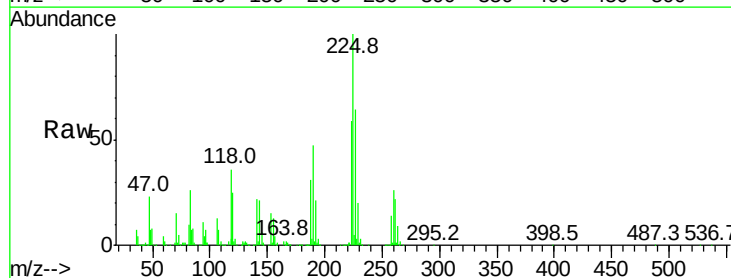
Instrument :
BNA_F
ClientSampled :

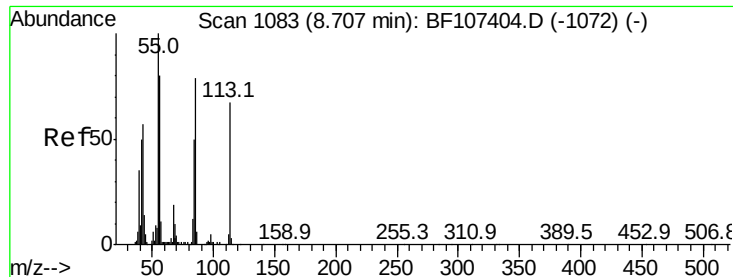
Tot Ion:	127	Resp:	750469
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	44.8	25.0	37.4#
92	30.0	15.2	22.8#



#34
Hexachlorobutadiene
Concen: 82.425 ng
RT: 8.40 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Tgt Ion:	225	Resp:	440004
Ion	Ratio	Lower	Upper
225	100		
223	59.4	50.6	76.0
227	64.5	51.9	77.9

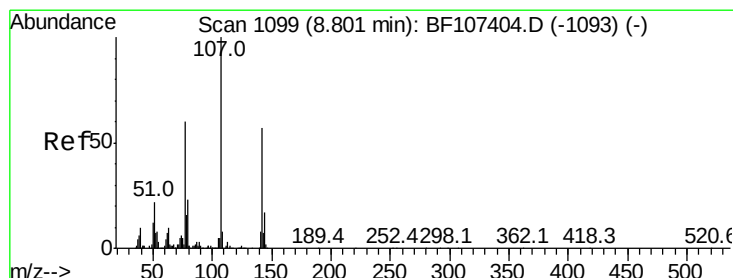
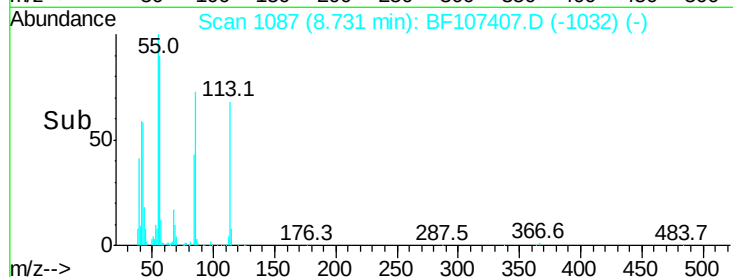
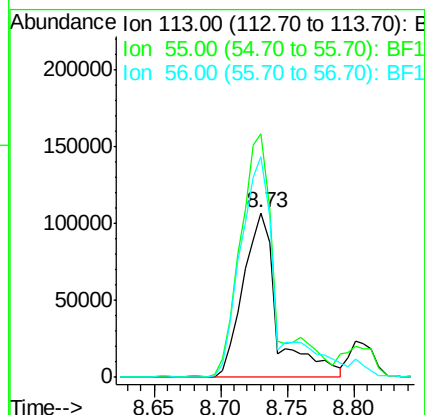
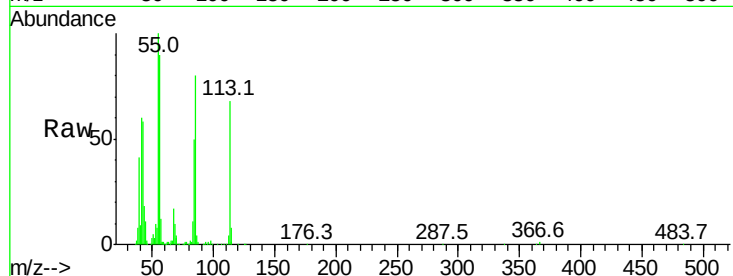




#35
 Caprolactam
 Concen: 78.822 ng
 RT: 8.73 min Scan# 1087
 Delta R.T. 0.02 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

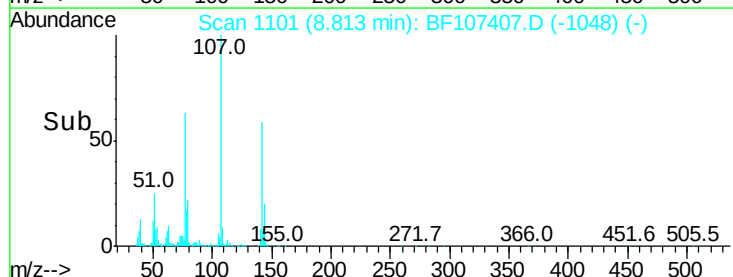
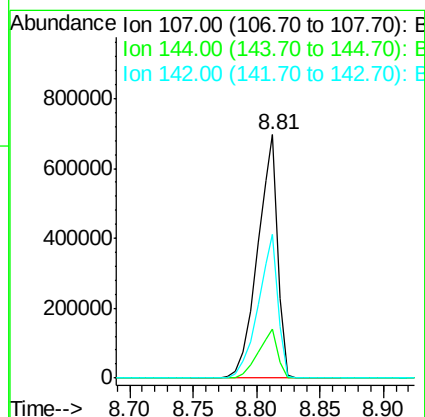
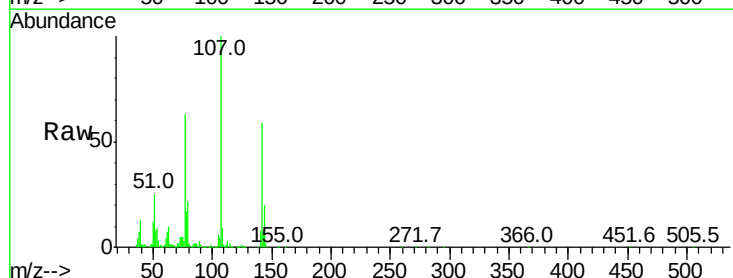
Instrument :
 BNA_F
 ClientSampleId :

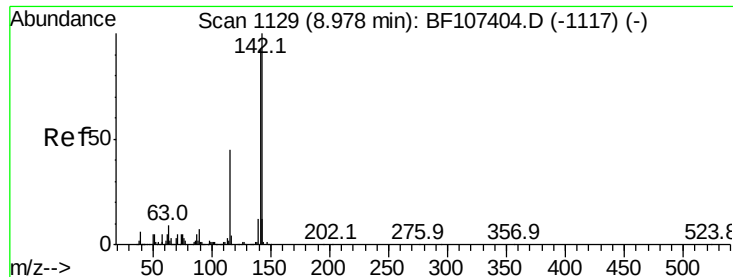
Tot Ion:113 Resp: 191080
 Ion Ratio Lower Upper
 113 100
 55 148.0 163.3 203.3#
 56 133.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 98.734 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Tgt Ion:107 Resp: 772869
 Ion Ratio Lower Upper
 107 100
 144 20.2 20.5 30.7#
 142 58.9 62.0 93.0#





#37

2-Methylnaphthalene

Concen: 68.468 ng

RT: 8.98 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

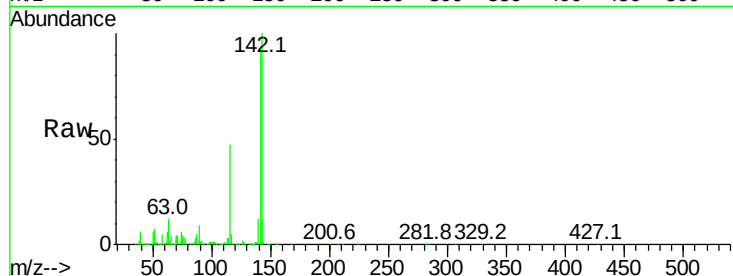
Tot Ion:142 Resp: 1124367

Ion Ratio Lower Upper

142 100

141 92.3 70.8 106.2

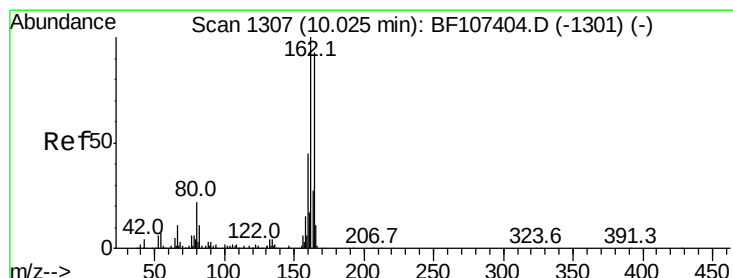
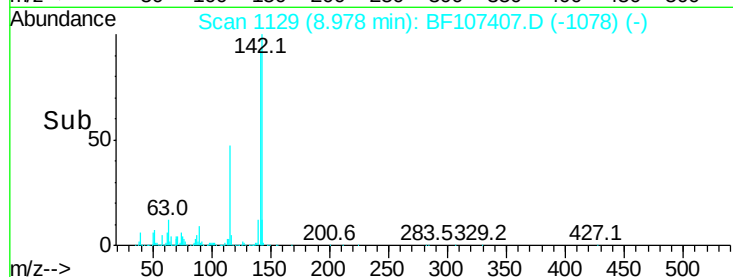
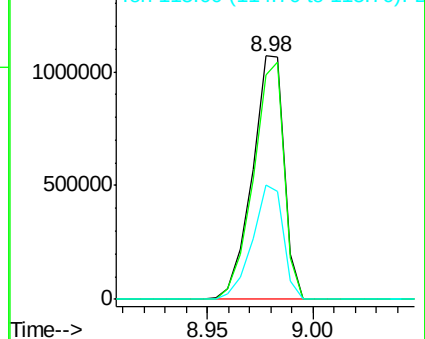
115 47.0 26.1 39.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

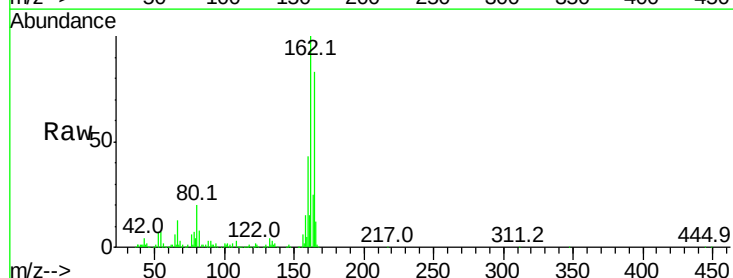
Tgt Ion:164 Resp: 264602

Ion Ratio Lower Upper

164 100

162 120.2 86.1 129.1

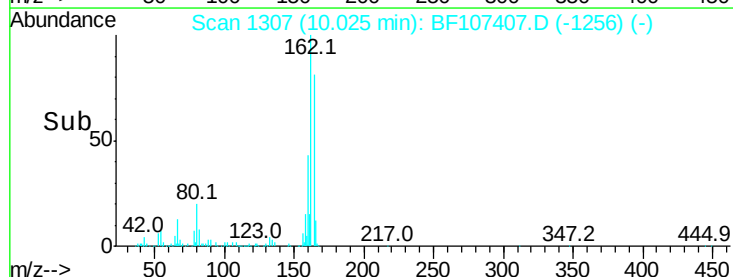
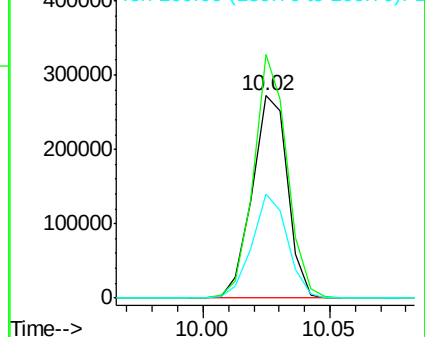
160 51.7 38.3 57.5

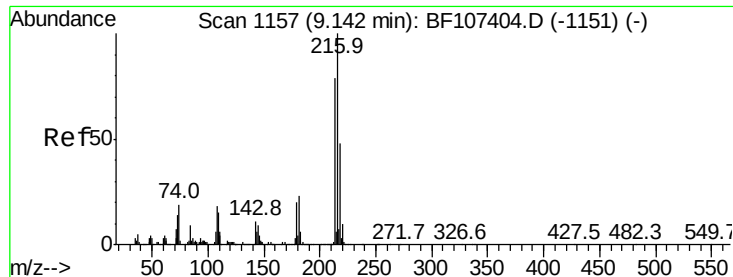


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 75.032 ng

RT: 9.15 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF107407.D

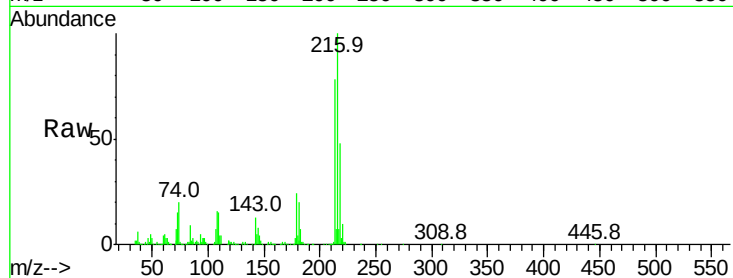
Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:	216	Resp:	668607
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.4
179	23.4	18.1	27.1
108	21.4	17.2	25.8

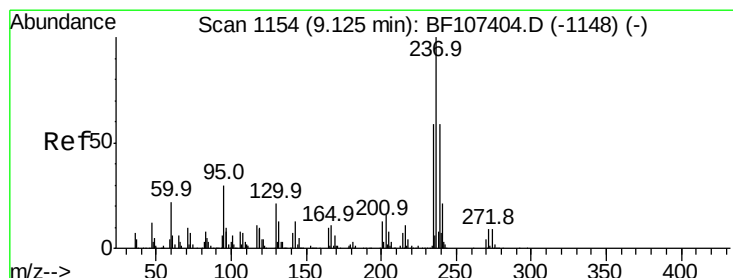
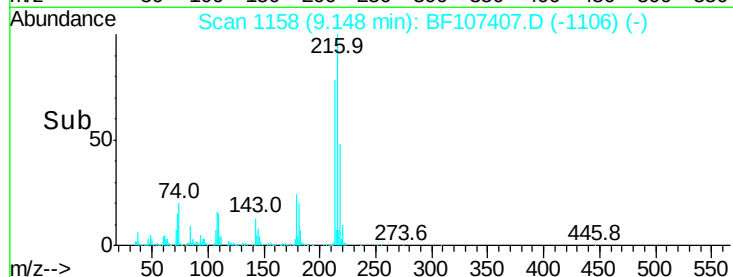
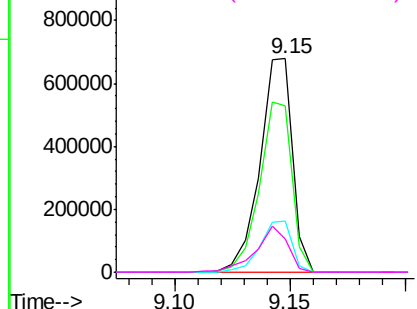


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.948 ng

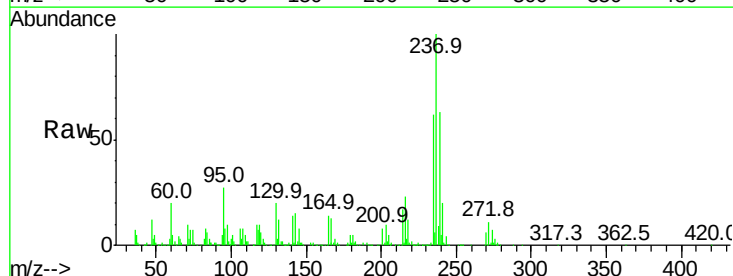
RT: 9.13 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

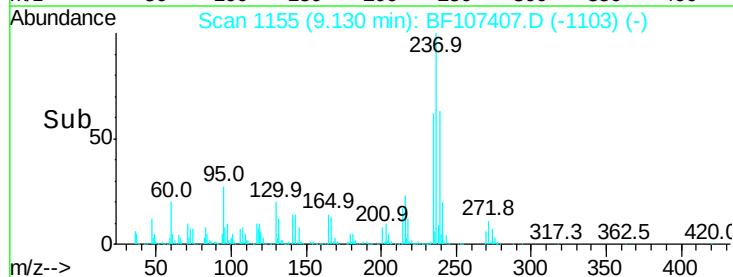
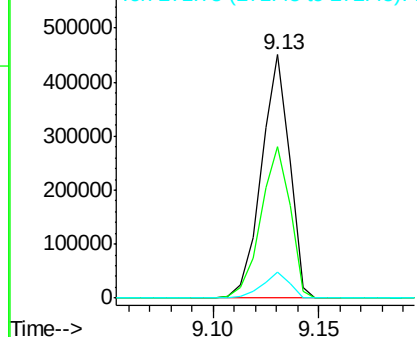
Tgt Ion:	237	Resp:	416964
Ion Ratio	Lower	Upper	
237	100		
235	62.0	44.8	84.8
272	10.7	0.0	33.3

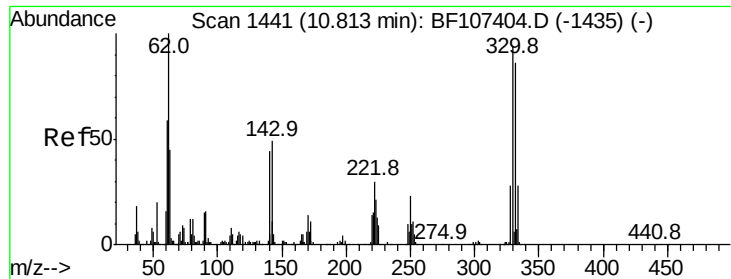


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 103.335 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

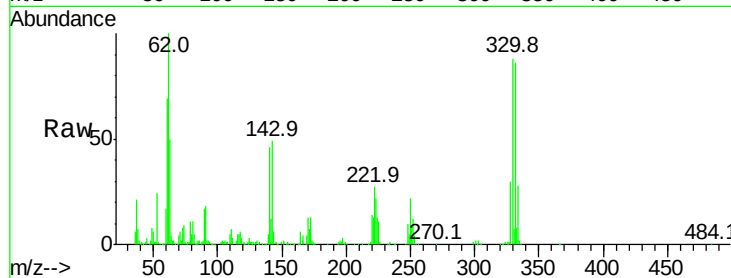
Tot Ion:330 Resp: 316910

Ion Ratio Lower Upper

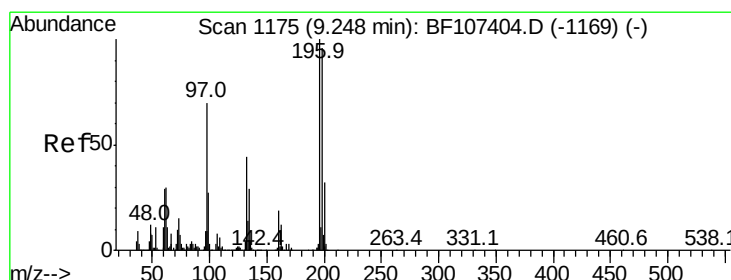
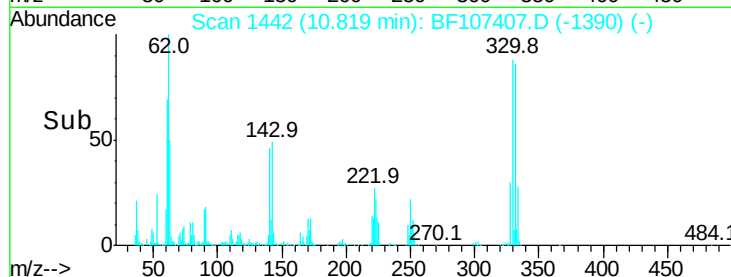
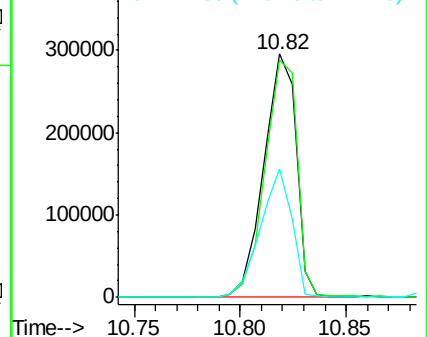
330 100

332 97.3 77.0 115.6

141 51.6 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: 78.682 ng

RT: 9.25 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

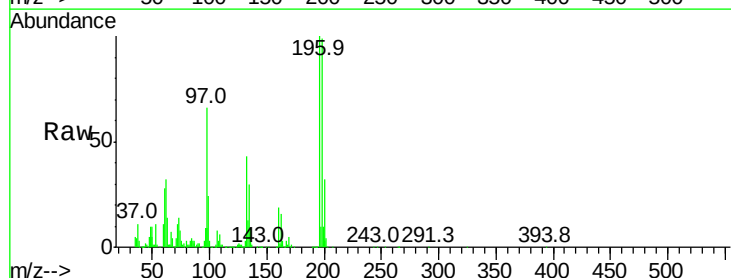
Tgt Ion:196 Resp: 466053

Ion Ratio Lower Upper

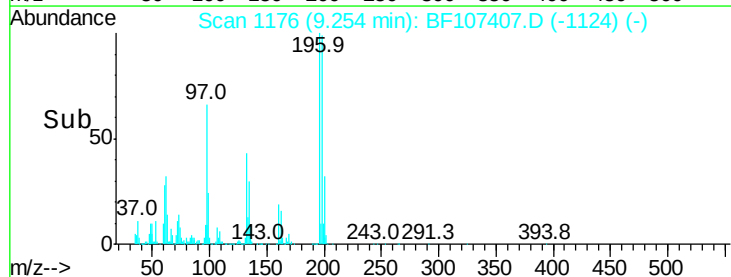
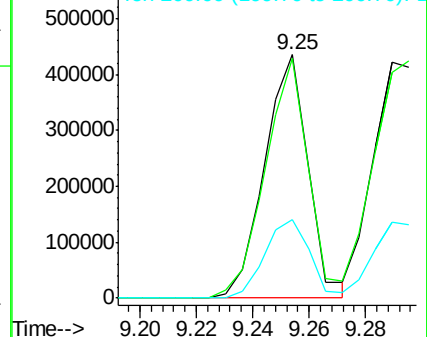
196 100

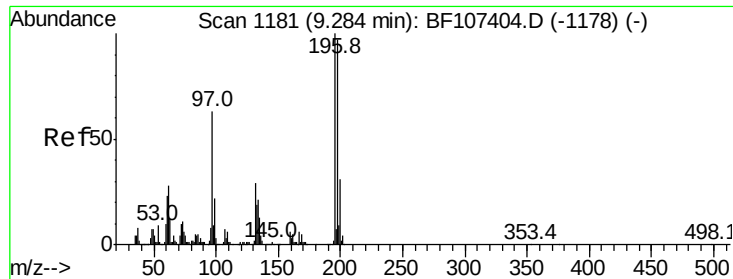
198 98.5 75.7 113.5

200 32.0 24.5 36.7



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

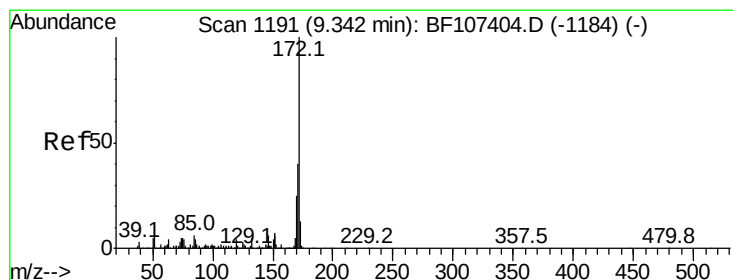
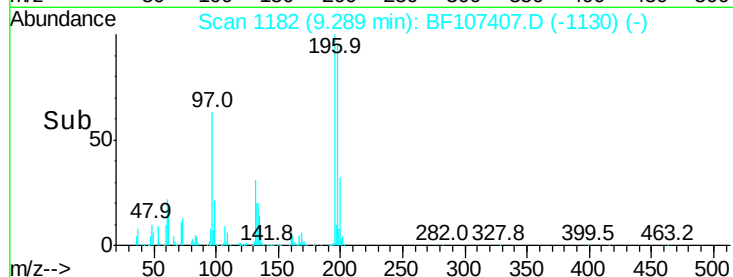
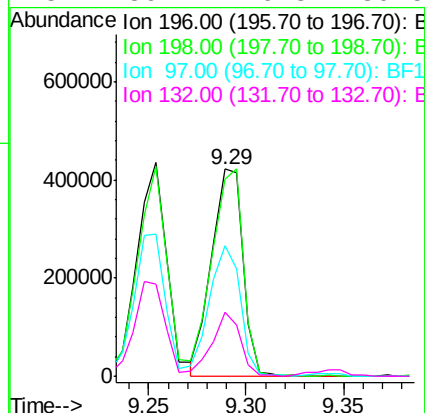
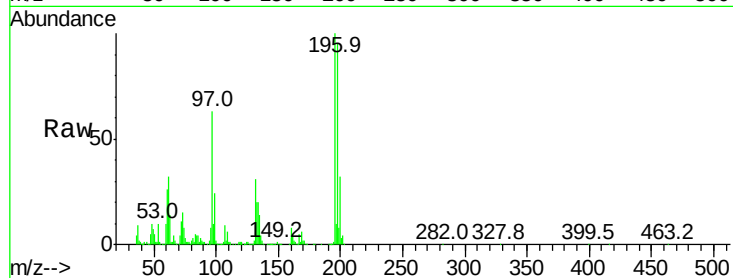




#43
 2,4,5-Trichlorophenol
 Concen: 76.221 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

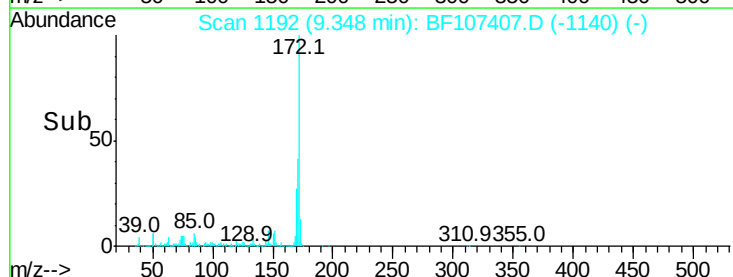
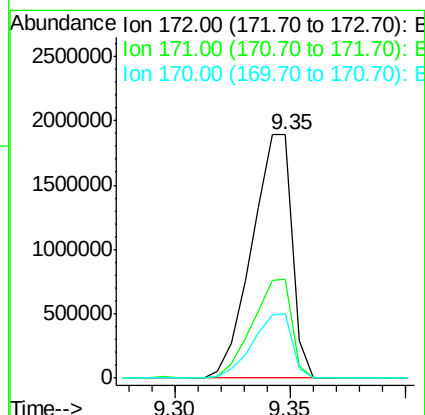
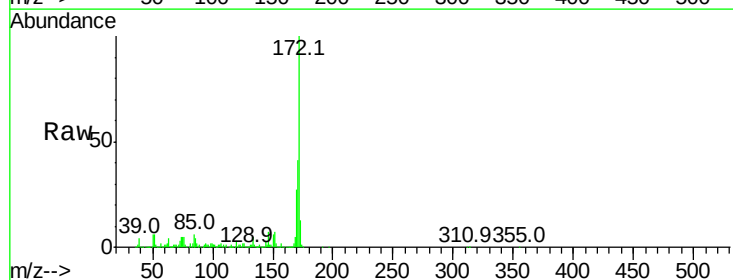
Instrument :
 BNA_F
 ClientSampleId :

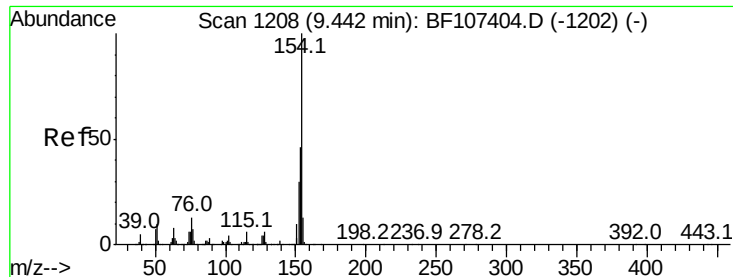
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	62.9	42.9	64.3
132	30.7	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 132.142 ng
 RT: 9.35 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.9	29.7	44.5
170	26.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 72.711 ng

RT: 9.45 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

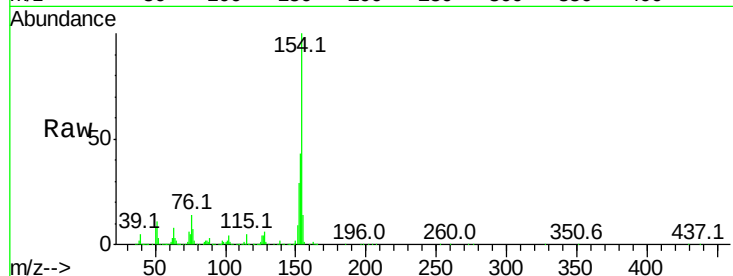
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1533293

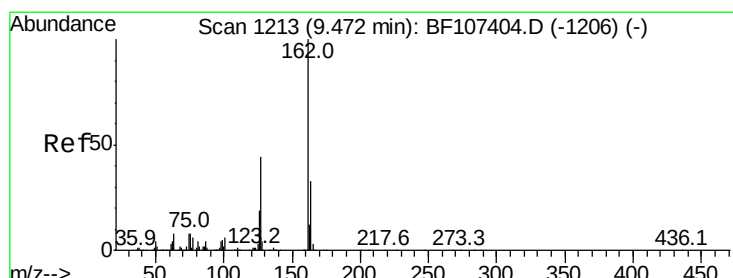
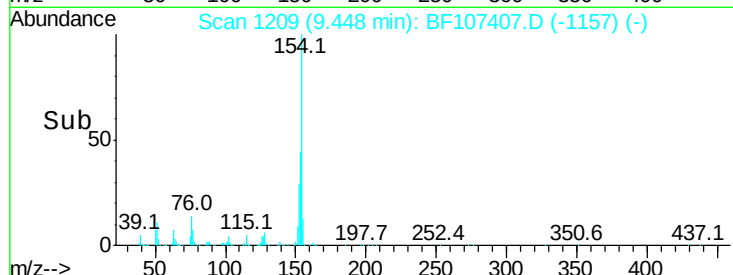
Ion	Ratio	Lower	Upper
154	100		
153	43.5	21.3	61.3
76	13.7	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 75.806 ng

RT: 9.47 min Scan# 1213

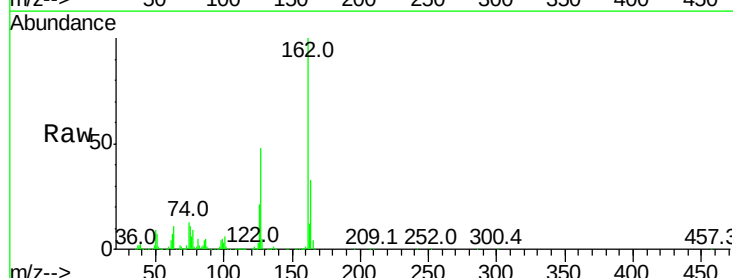
Delta R.T. -0.00 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion:162 Resp: 1258299

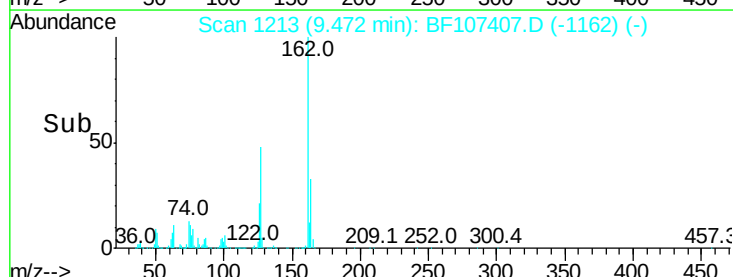
Ion	Ratio	Lower	Upper
162	100		
127	48.4	33.9	50.9
164	32.6	26.5	39.7

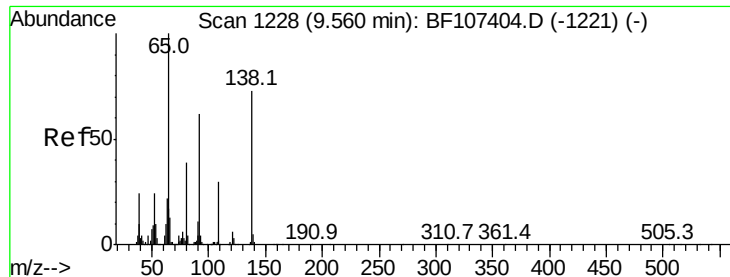


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 88.690 ng

RT: 9.57 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

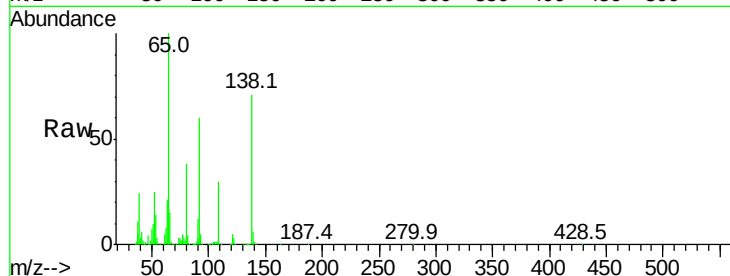
Tot Ion: 65 Resp: 495039

Ion Ratio Lower Upper

65 100

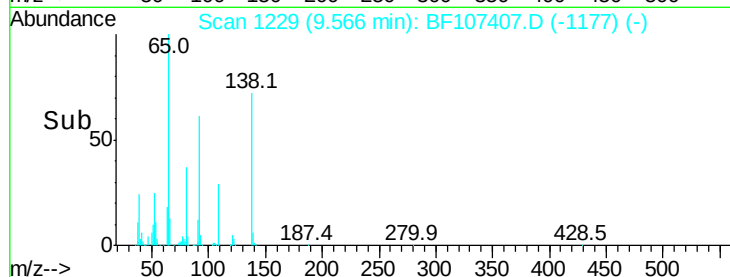
92 60.2 55.8 83.6

138 71.0 91.2 136.8#

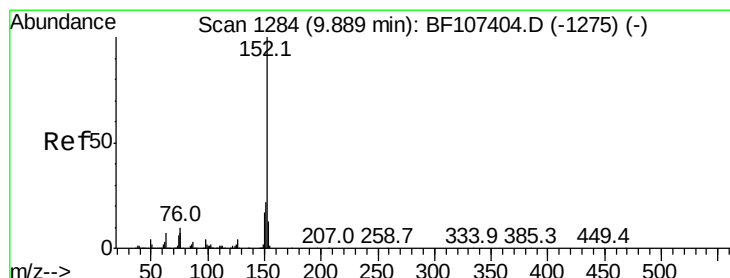


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

9.57



Time-->



#48

Acenaphthylene

Concen: 66.180 ng

RT: 9.90 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

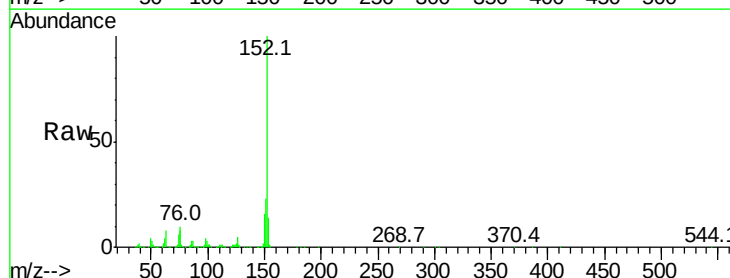
Tgt Ion: 152 Resp: 1734325

Ion Ratio Lower Upper

152 100

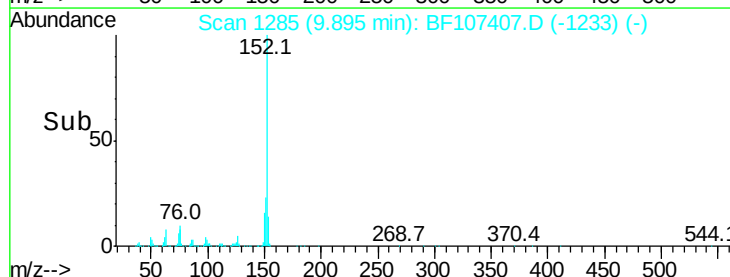
151 23.4 16.3 24.5

153 14.5 10.7 16.1

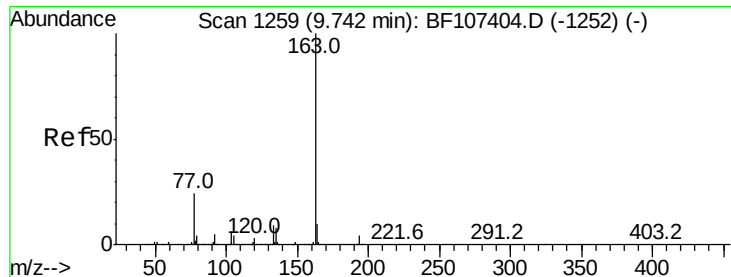


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

9.90



Time-->



#49

Dimethylphthalate

Concen: 74.626 ng

RT: 9.75 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

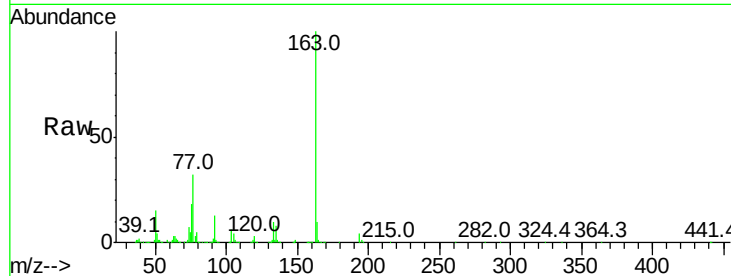
Tot Ion:163 Resp: 1480996

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

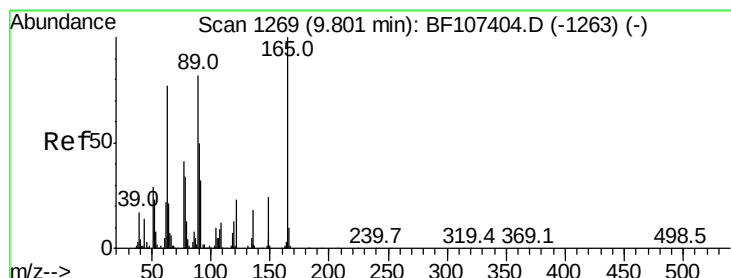
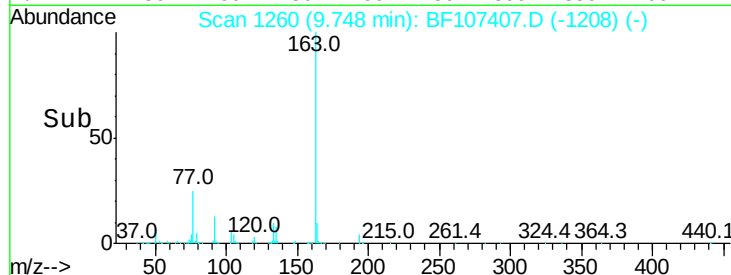
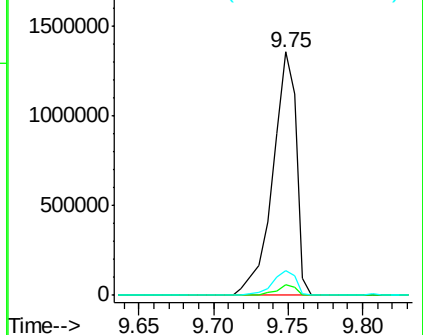
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 76.916 ng

RT: 9.81 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

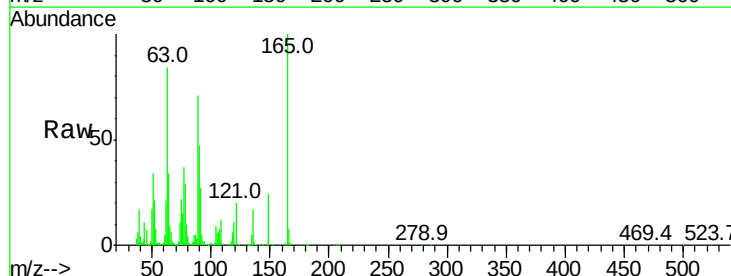
Tgt Ion:165 Resp: 323228

Ion Ratio Lower Upper

165 100

63 83.5 44.7 67.1#

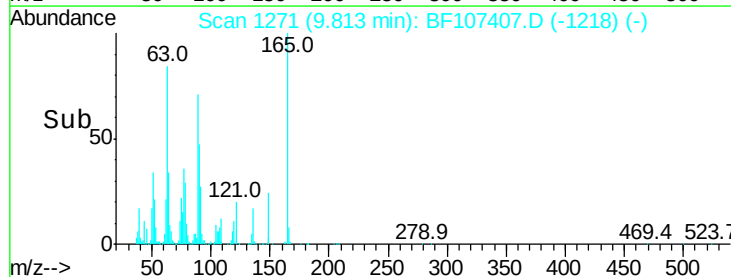
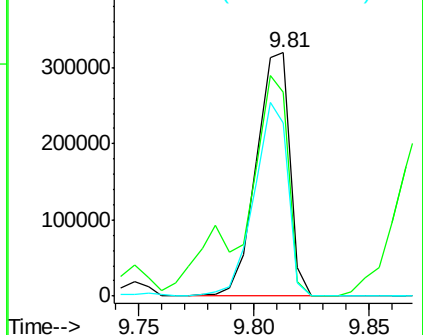
89 71.3 44.0 66.0#

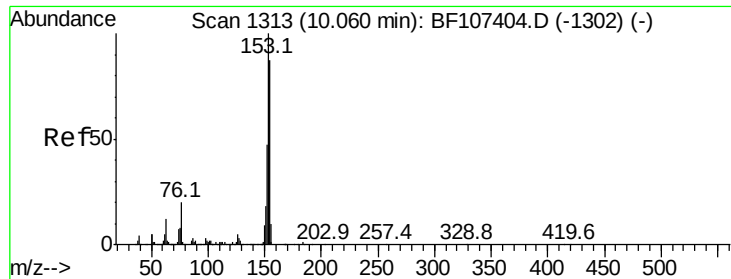


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 71.238 ng

RT: 10.07 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

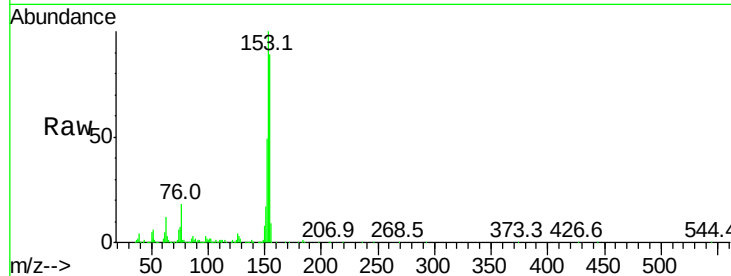
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1175596

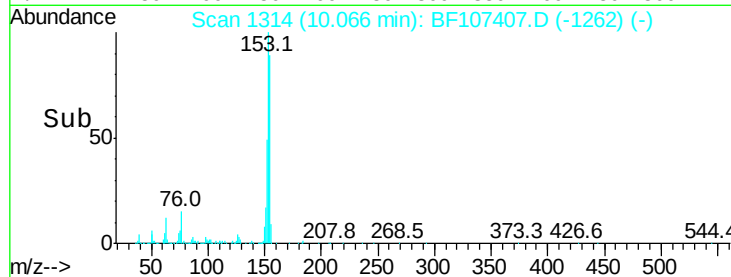
Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	55.4	43.8	65.8



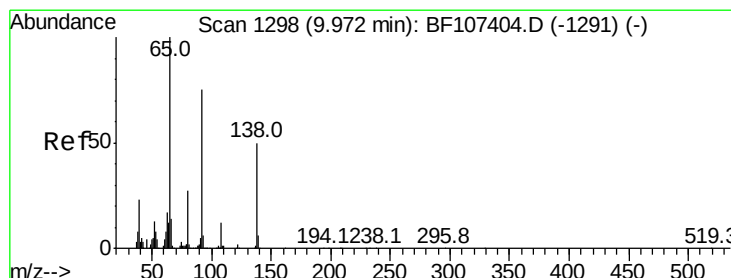
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 71.706 ng

RT: 9.98 min Scan# 1300

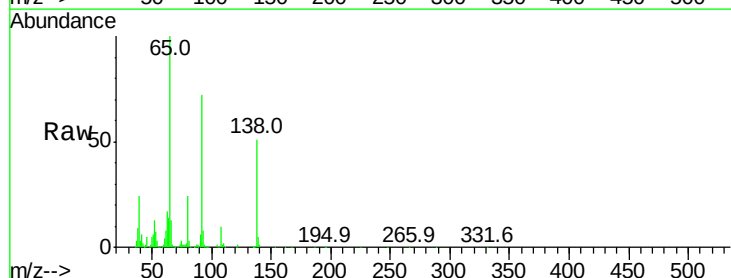
Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion:138 Resp: 346754

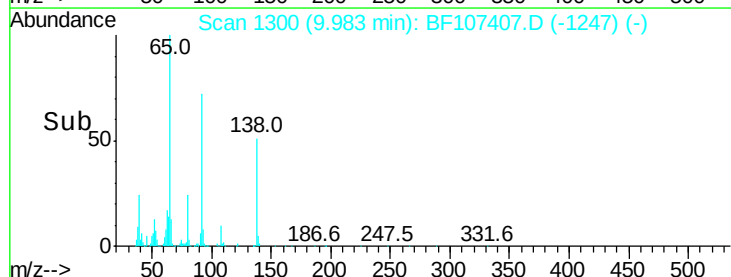
Ion	Ratio	Lower	Upper
138	100		
108	18.8	9.4	14.0#
92	140.2	89.4	134.2#



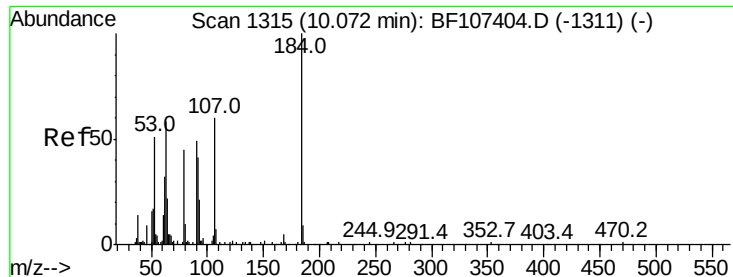
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



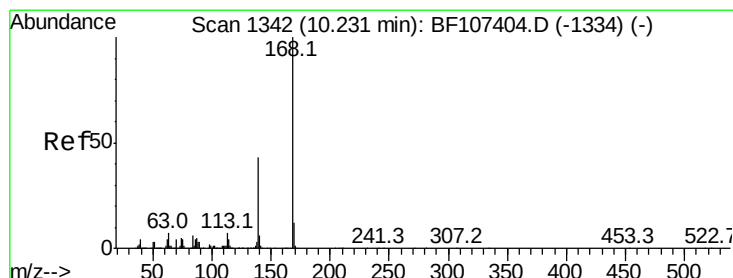
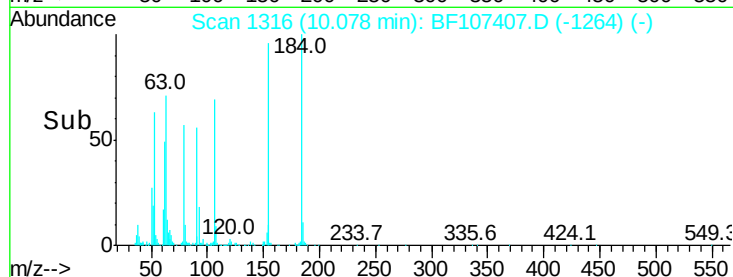
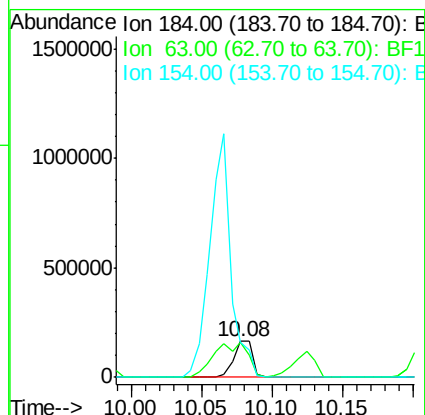
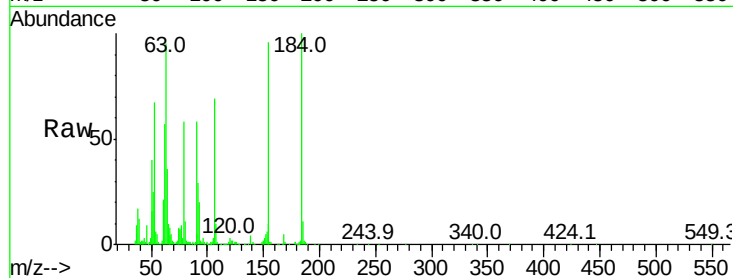
Time-->



#53
 2,4-Dinitrophenol
 Concen: 82.168 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

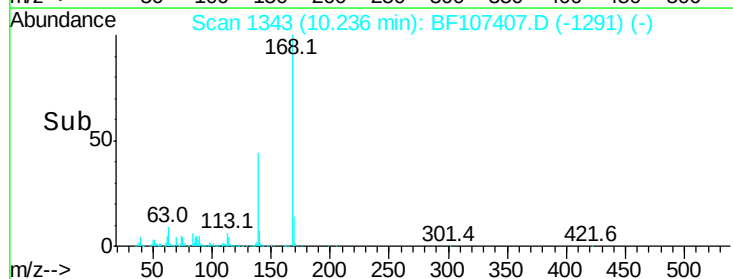
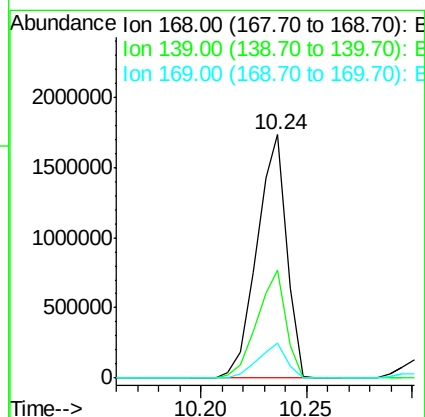
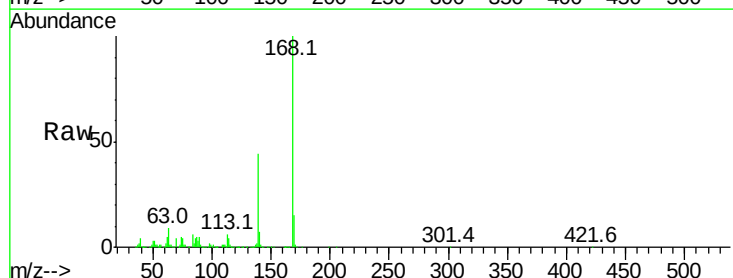
Instrument :
 BNA_F
 ClientSampled :

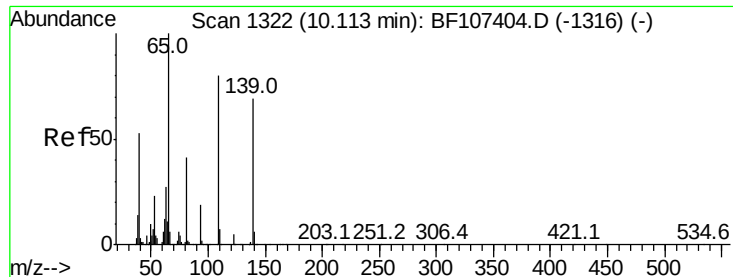
Tot Ion:184 Resp: 157257
 Ion Ratio Lower Upper
 184 100
 63 95.5 54.2 81.2#
 154 95.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 74.829 ng
 RT: 10.24 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Tgt Ion:168 Resp: 1690907
 Ion Ratio Lower Upper
 168 100
 139 44.2 30.1 45.1
 169 14.5 10.9 16.3

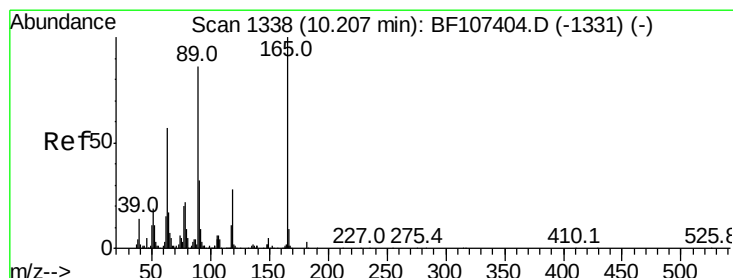
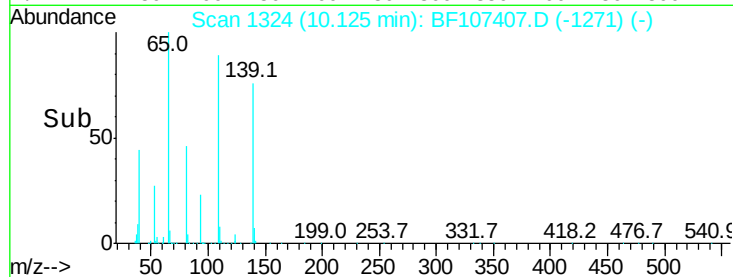
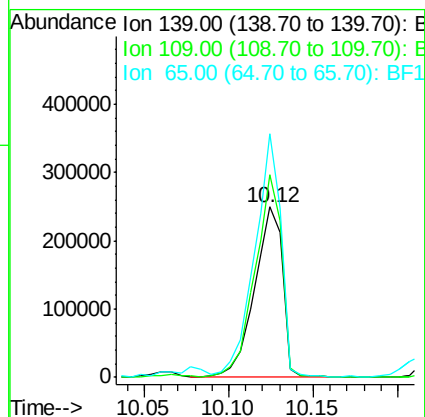
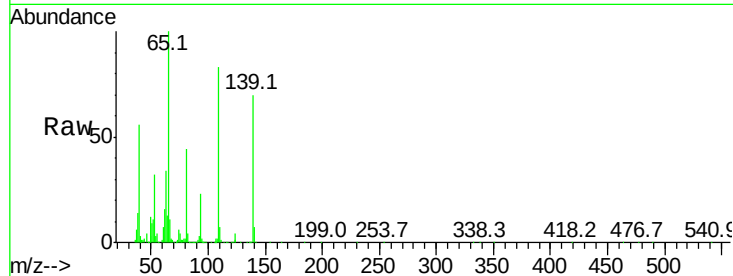




#55
4-Nitrophenol
Concen: 86.290 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

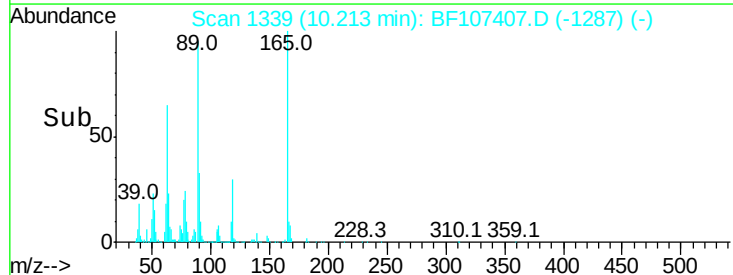
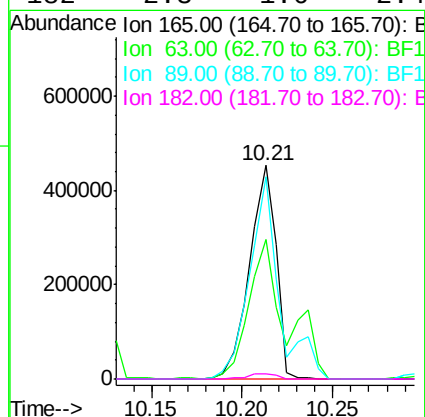
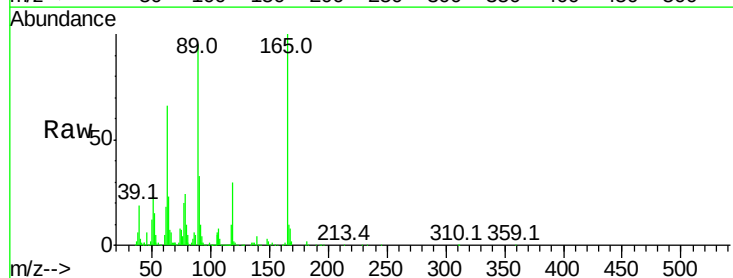
Instrument :
BNA_F
ClientSampleId :

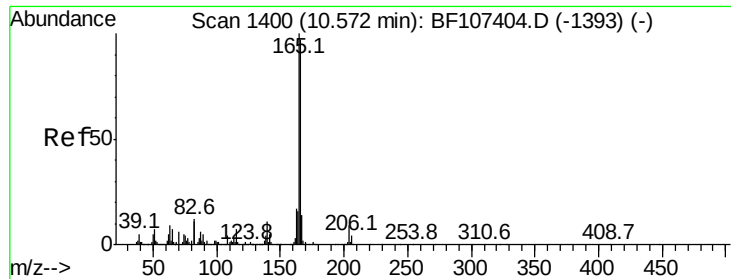
Tot Ion:139 Resp: 291266
Ion Ratio Lower Upper
139 100
109 118.9 48.4 88.4#
65 142.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 84.095 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Tgt Ion:165 Resp: 461280
Ion Ratio Lower Upper
165 100
63 65.6 36.4 54.6#
89 94.9 57.8 86.6#
182 2.3 1.6 2.4





#57

Fluorene

Concen: 62.264 ng

RT: 10.58 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

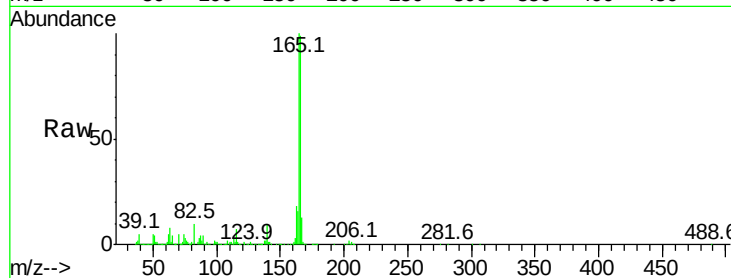
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 1116471

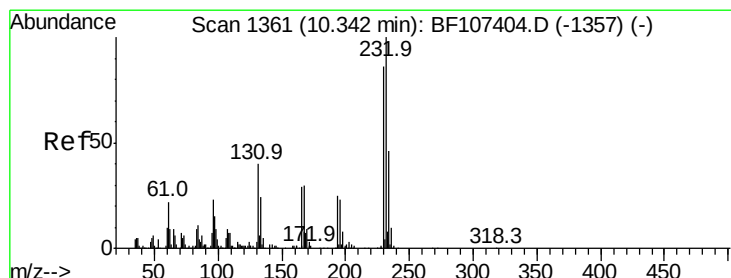
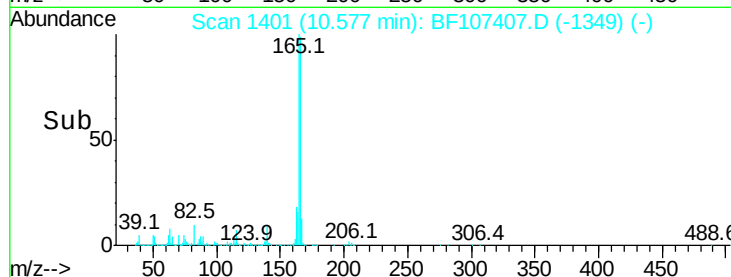
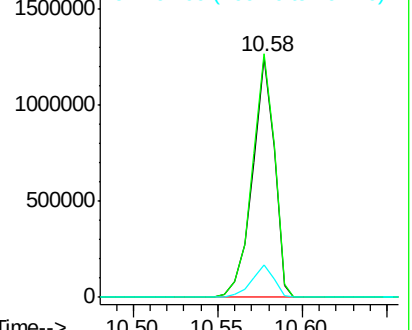
Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.8	119.8
167	13.3	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 79.836 ng

RT: 10.35 min Scan# 1362

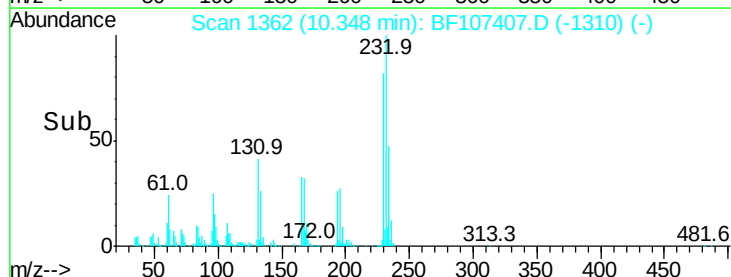
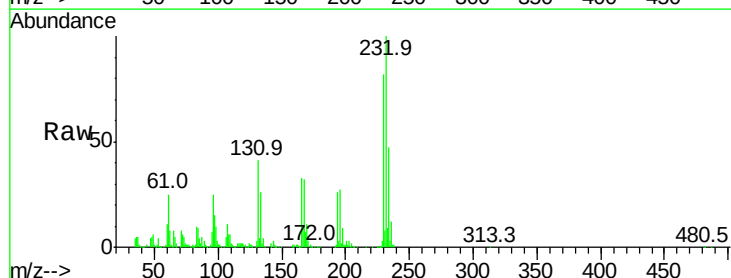
Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion:232 Resp: 392249

Ion	Ratio	Lower	Upper
232	100		
131	46.9	43.8	65.8
130	2.6	2.1	3.1
166	33.8	27.8	41.6

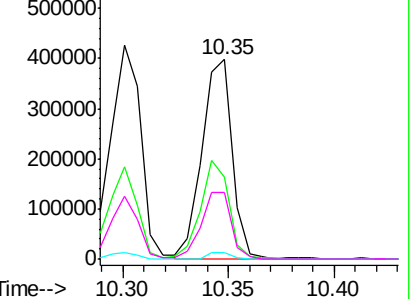


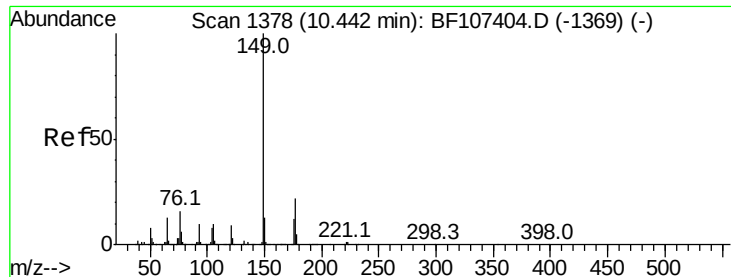
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 75.409 ng

RT: 10.45 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

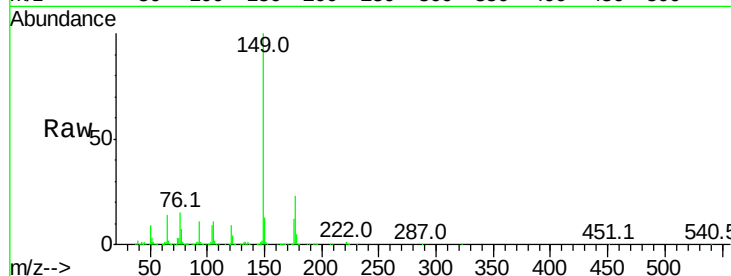
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1444396

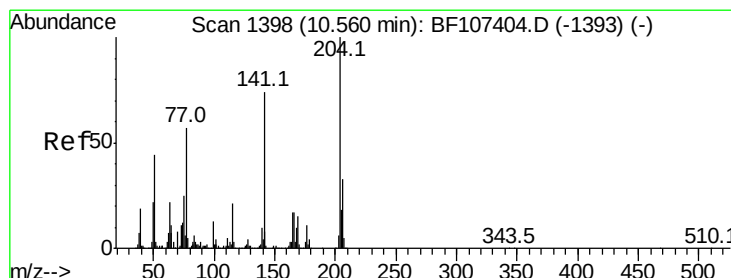
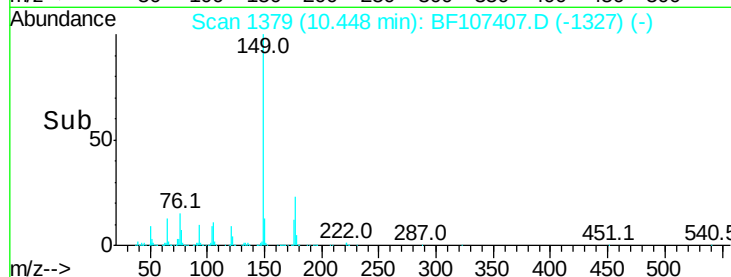
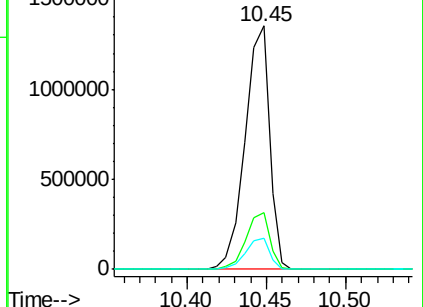
Ion	Ratio	Lower	Upper
149	100		
177	23.3	16.1	24.1
150	12.8	10.1	15.1



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: 72.007 ng

RT: 10.57 min Scan# 1399

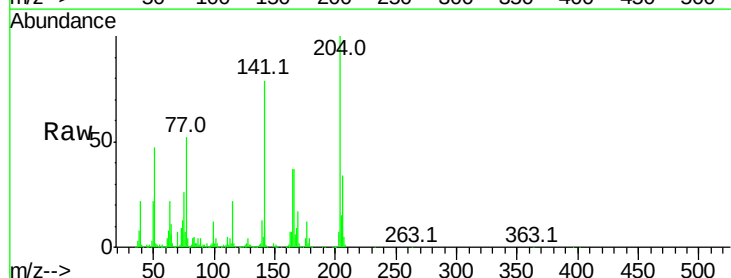
Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion:204 Resp: 675584

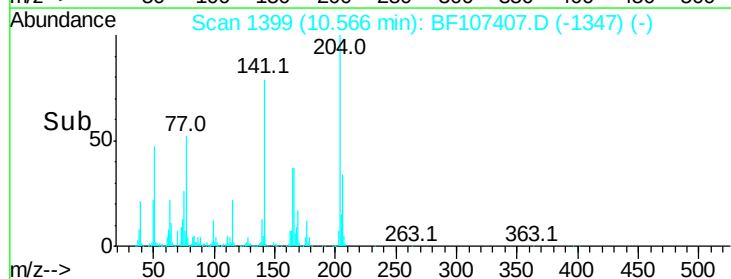
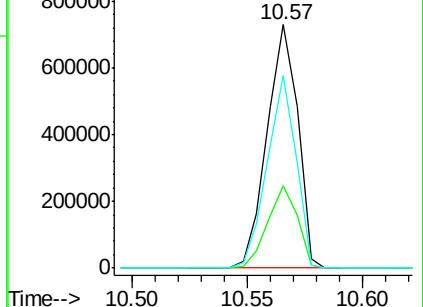
Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.5	39.7
141	79.0	54.6	81.8

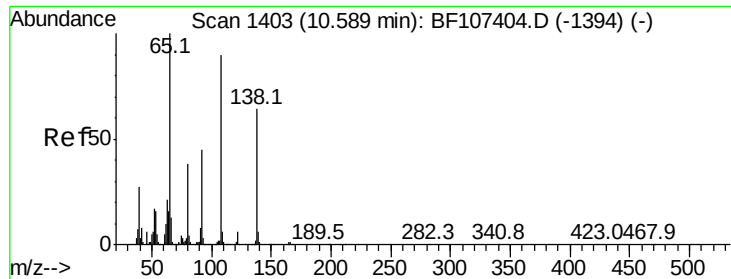


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

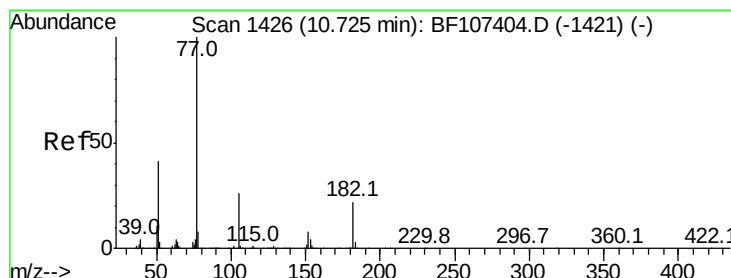
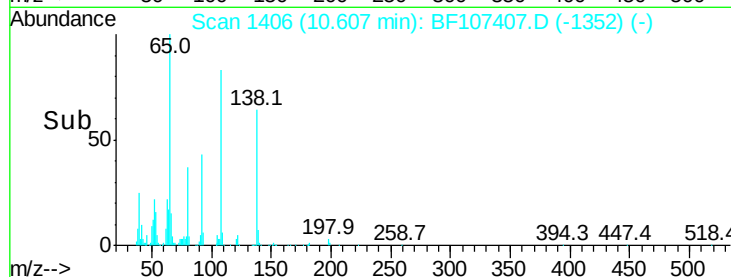
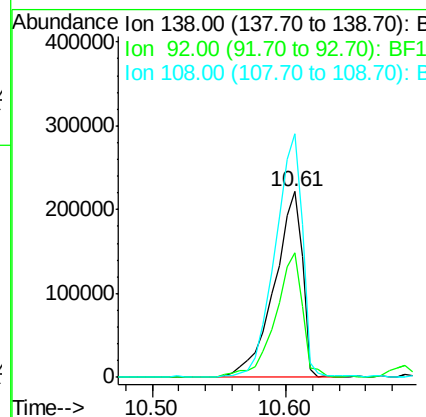
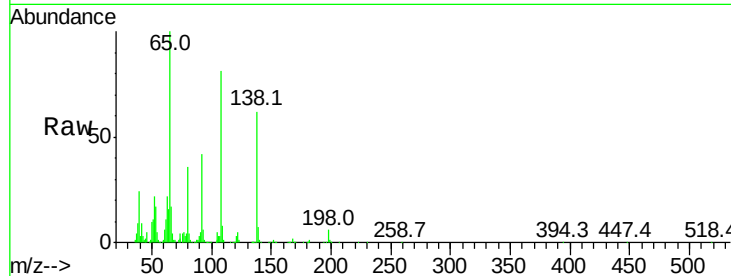




#61
4-Nitroaniline
Concen: 68.438 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

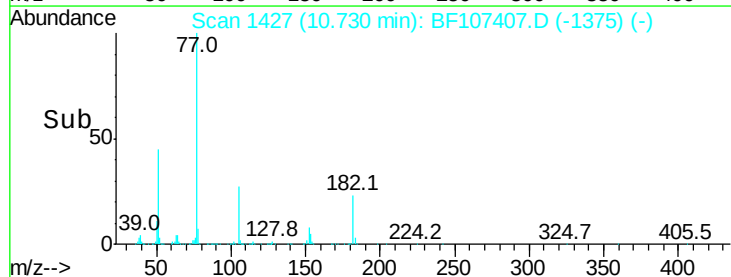
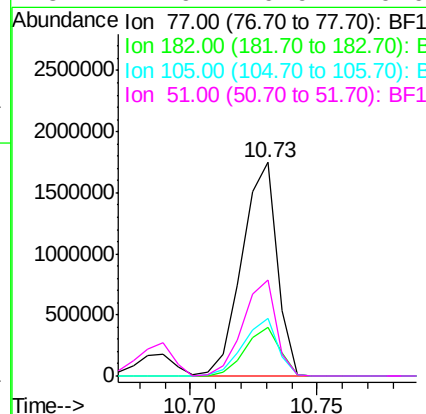
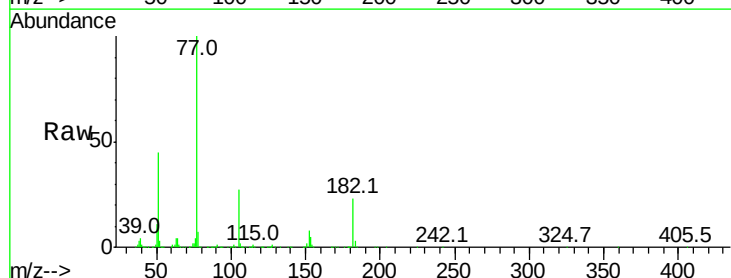
Instrument :
BNA_F
ClientSampleId :

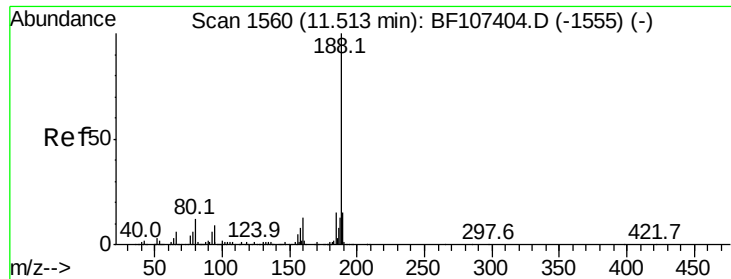
Tot Ion:138 Resp: 328449
Ion Ratio Lower Upper
138 100
92 67.4 30.2 70.2
108 131.1 52.5 92.5#



#62
Azobenzene
Concen: 89.143 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Tgt Ion: 77 Resp: 1681427
Ion Ratio Lower Upper
77 100
182 22.7 1.7 41.7
105 27.0 3.0 43.0
51 44.9 9.9 49.9

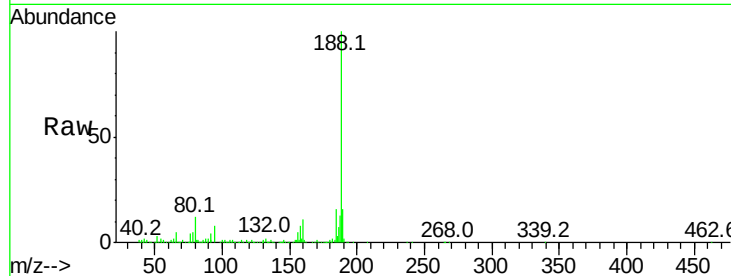




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Instrument :
 BNA_F
 ClientSampleId :

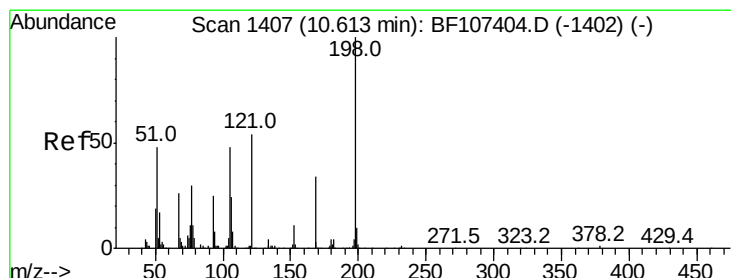
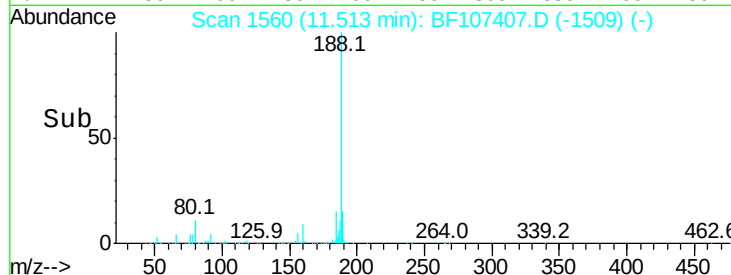
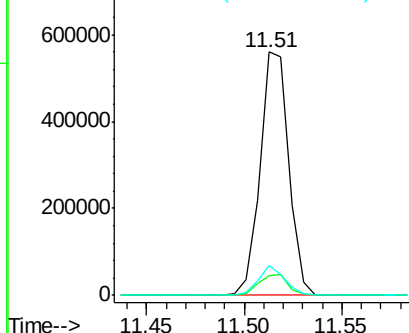
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	12.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

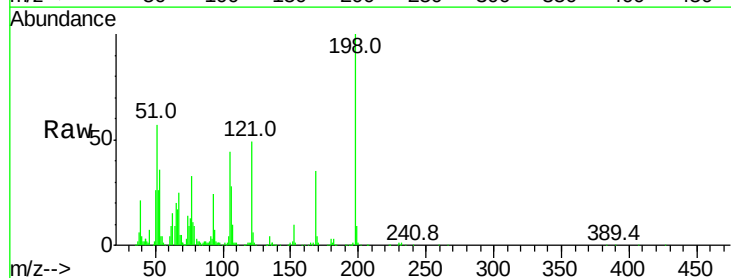
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 74.805 ng
 RT: 10.62 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

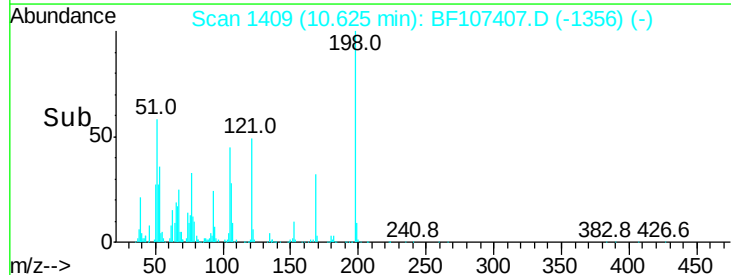
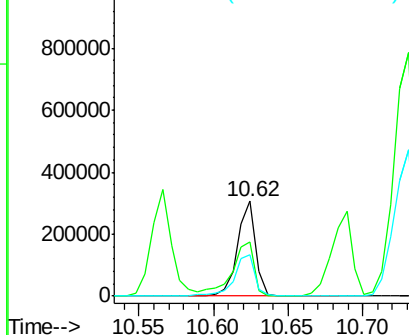
Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.0	37.7	77.7
105	44.2	36.3	76.3

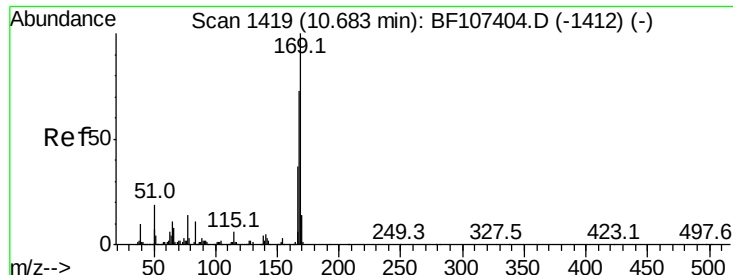


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

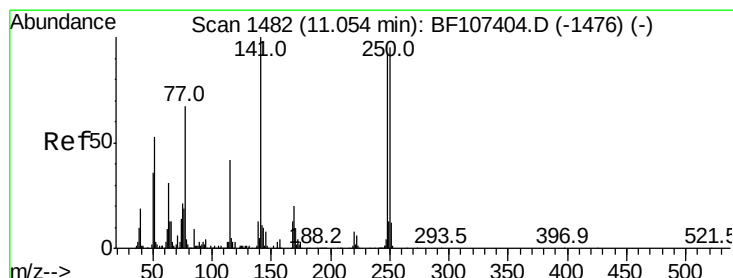
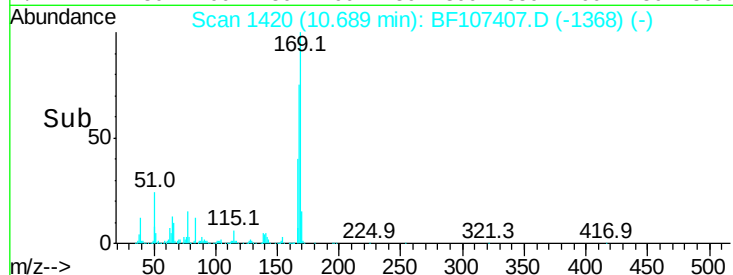
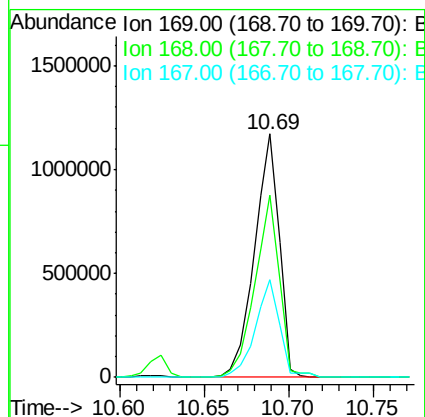
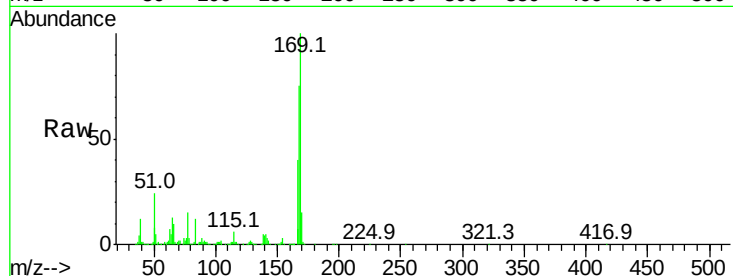




#65
n-Nitrosodiphenylamine
Concen: 62.887 ng
RT: 10.69 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

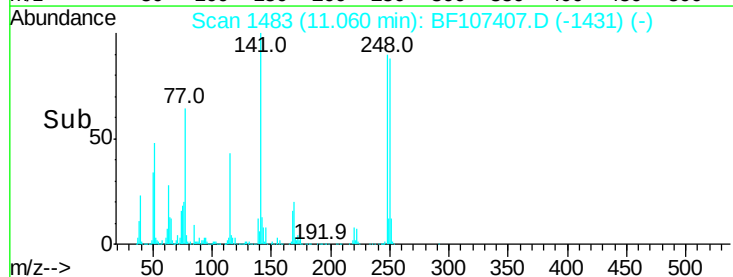
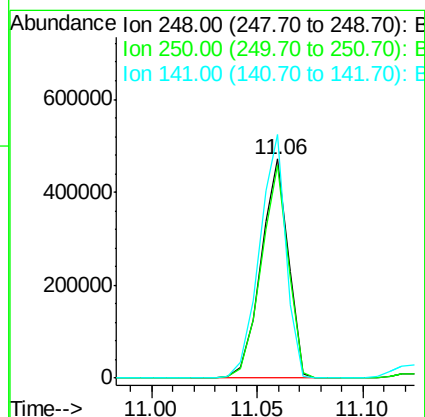
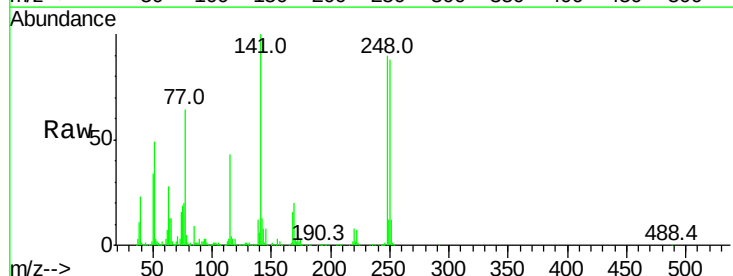
Instrument :
BNA_F
ClientSampleId :

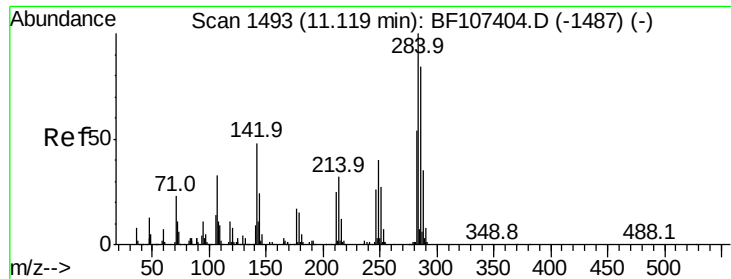
Tot Ion:169 Resp: 1199710
Ion Ratio Lower Upper
169 100
168 74.6 54.4 81.6
167 40.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 62.653 ng
RT: 11.06 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Tgt Ion:248 Resp: 424094
Ion Ratio Lower Upper
248 100
250 97.6 76.9 115.3
141 111.3 74.4 111.6





#67

Hexachlorobenzene

Concen: 56.052 ng

RT: 11.12 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

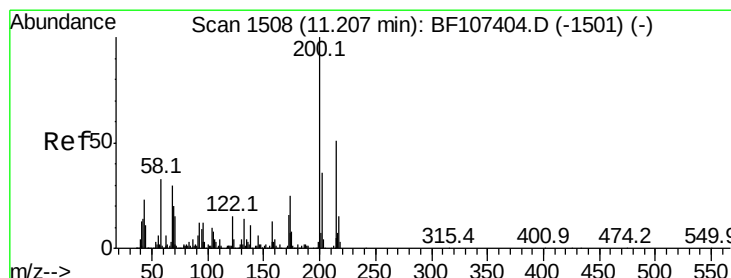
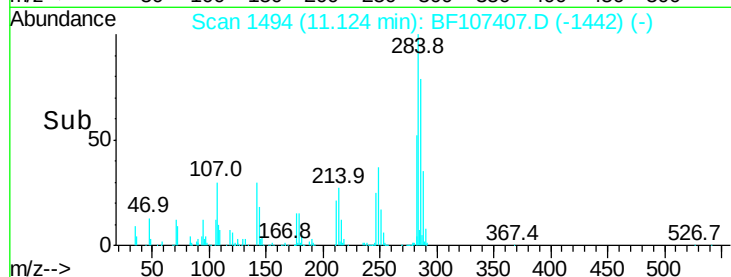
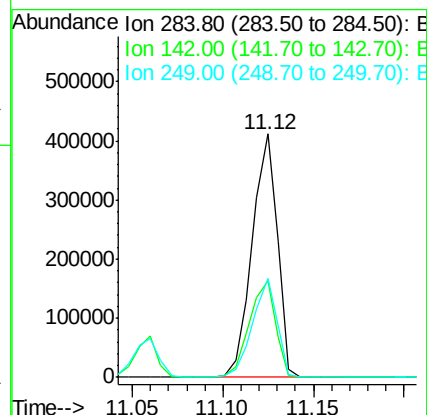
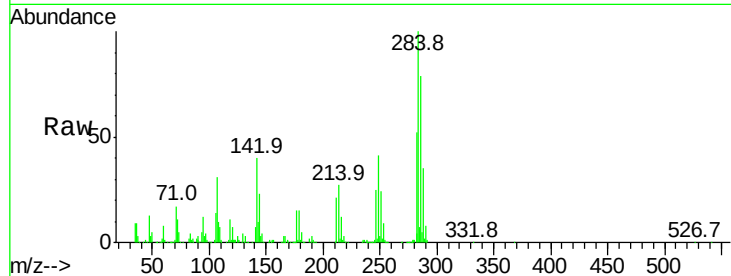
Tot Ion:284 Resp: 397111

Ion Ratio Lower Upper

284 100

142 39.7 34.6 52.0

249 40.5 24.8 37.2#



#68

Atrazine

Concen: 74.306 ng

RT: 11.21 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

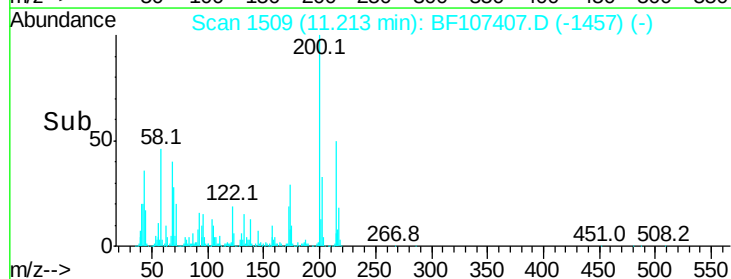
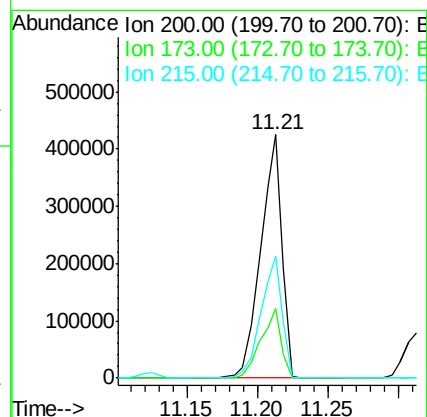
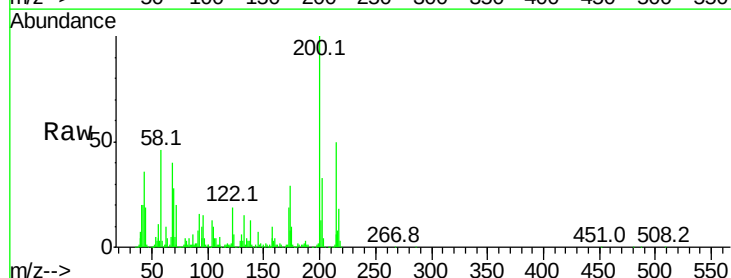
Tgt Ion:200 Resp: 450644

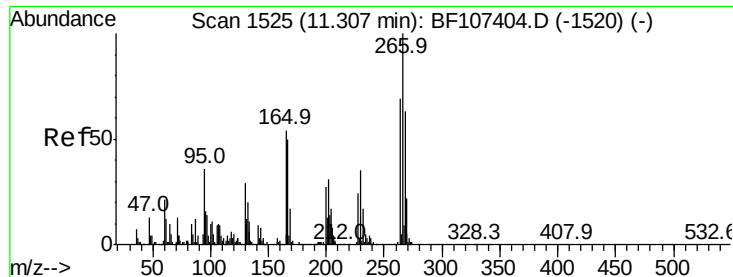
Ion Ratio Lower Upper

200 100

173 28.6 8.6 48.6

215 50.3 25.1 65.1

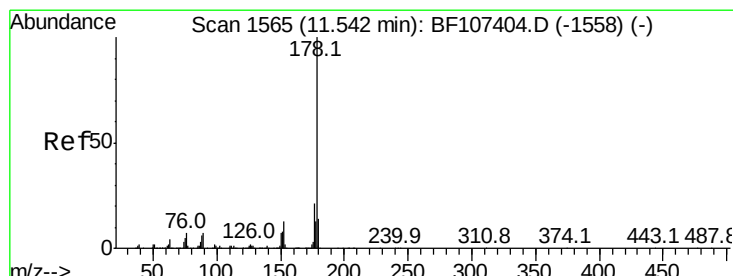
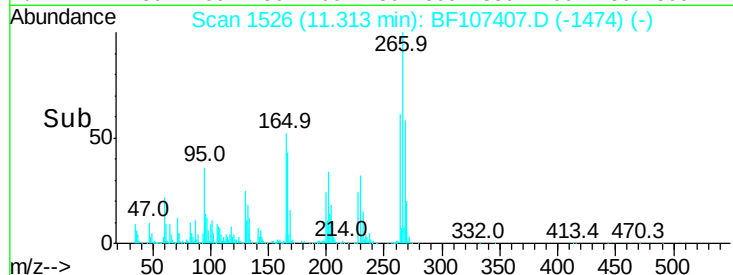
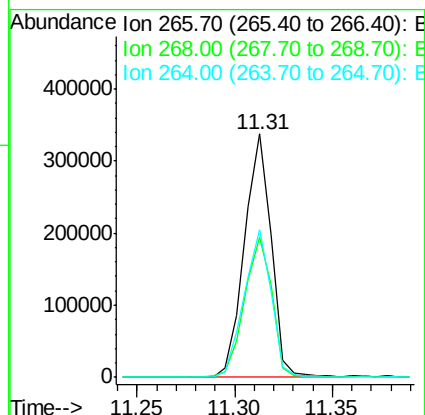
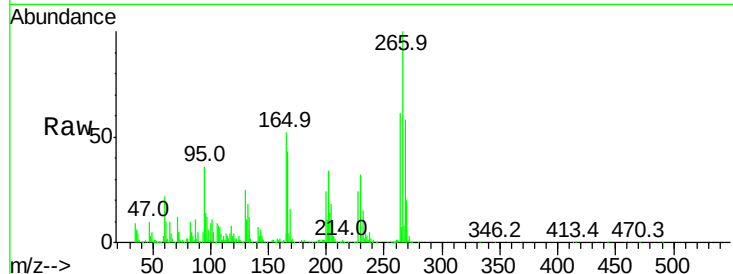




#69
 Pentachlorophenol
 Concen: 91.058 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

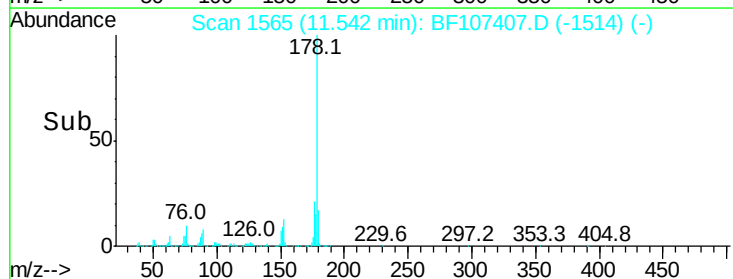
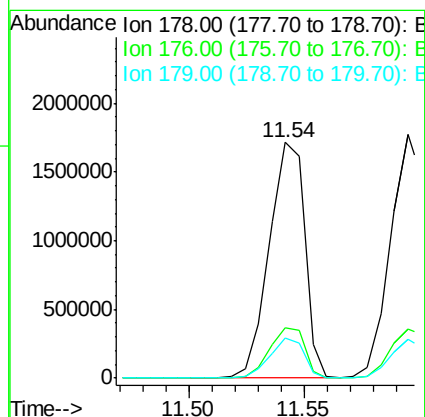
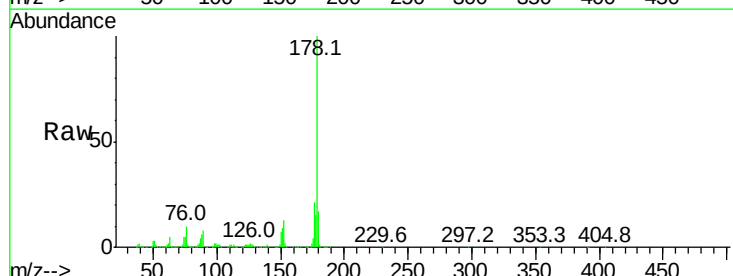
Instrument :
 BNA_F
 ClientSampled :

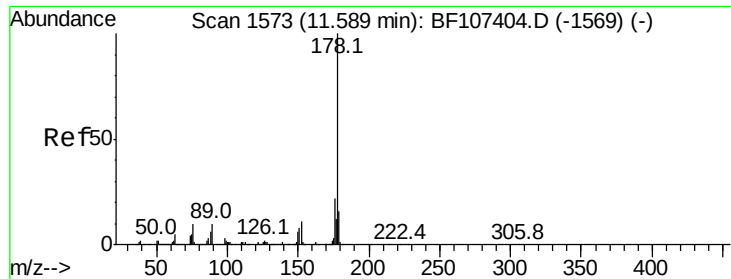
Tot Ion	Ratio	Lower	Upper
266	100		
268	57.5	51.1	76.7
264	60.8	49.5	74.3



#70
 Phenanthrene
 Concen: 67.042 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.8	23.8
179	17.1	13.0	19.6

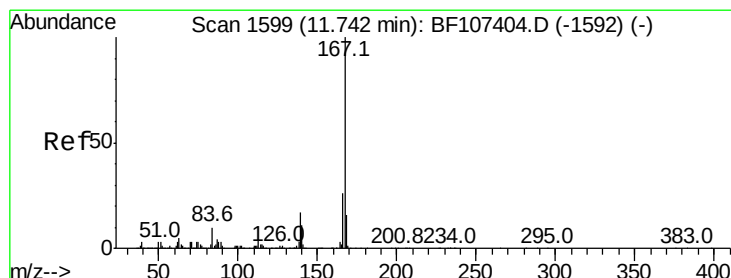
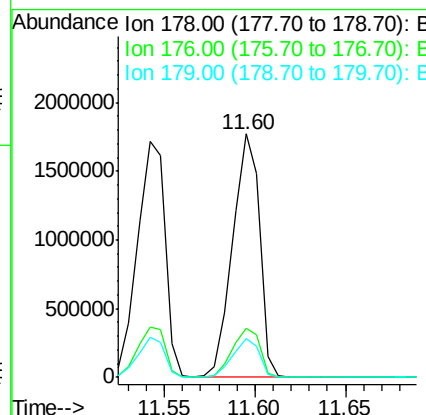
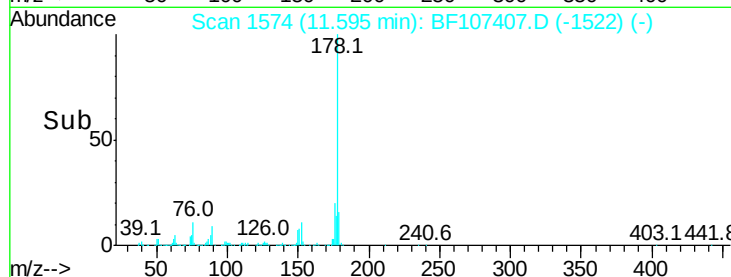
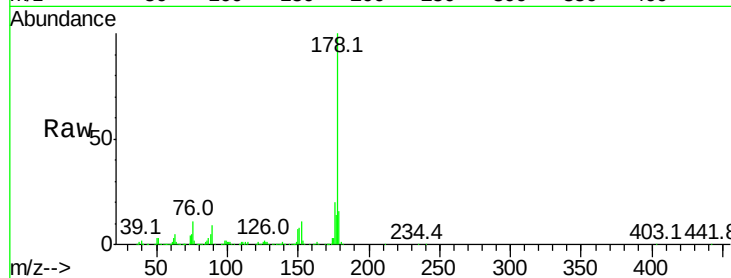




#71
 Anthracene
 Concen: 65.875 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

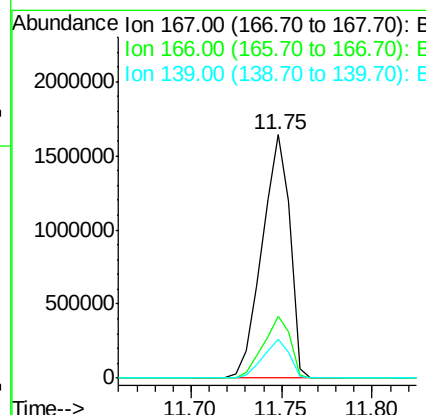
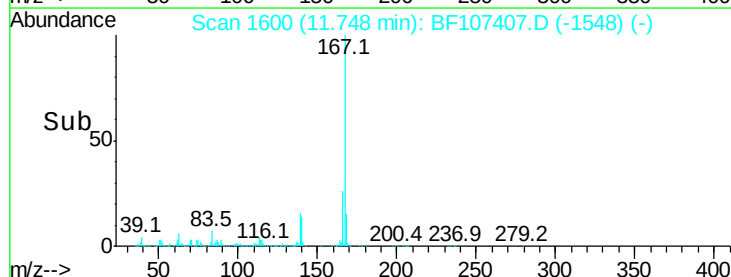
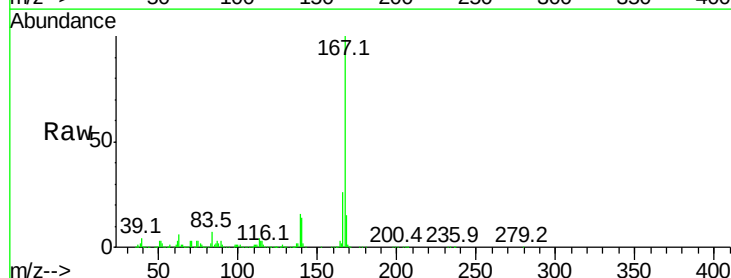
Instrument :
 BNA_F
 ClientSampleId :

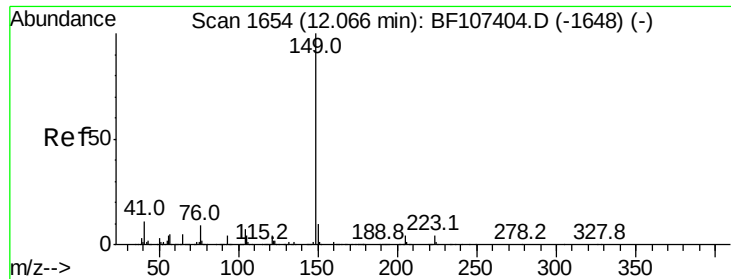
Tot Ion:178 Resp: 1839389
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 66.886 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Tgt Ion:167 Resp: 1748557
 Ion Ratio Lower Upper
 167 100
 166 25.5 17.6 26.4
 139 15.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 66.934 ng

RT: 12.07 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

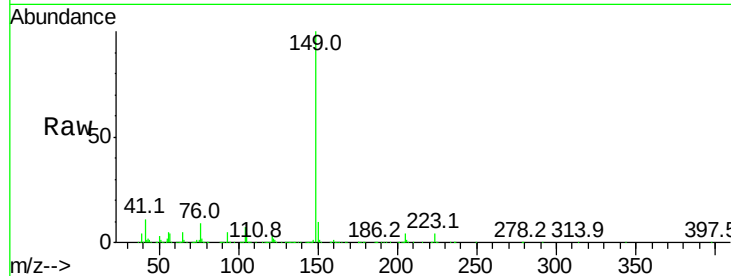
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 2061426

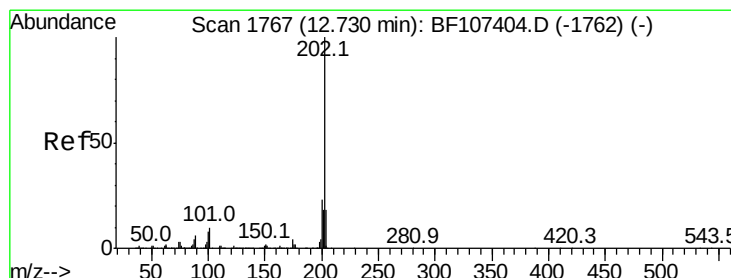
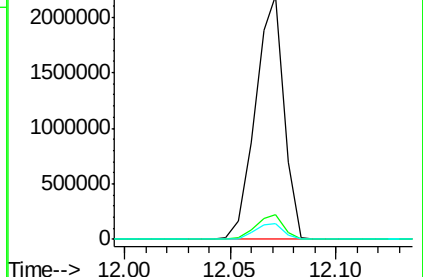
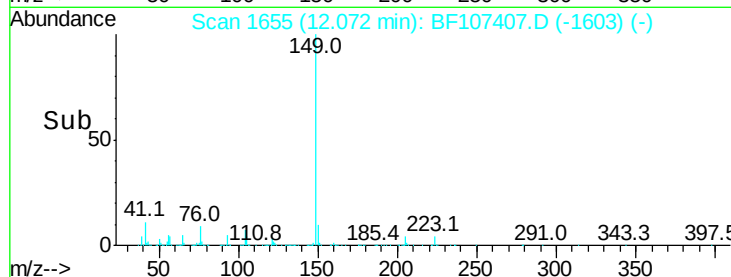
Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	6.7	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 66.853 ng

RT: 12.74 min Scan# 1768

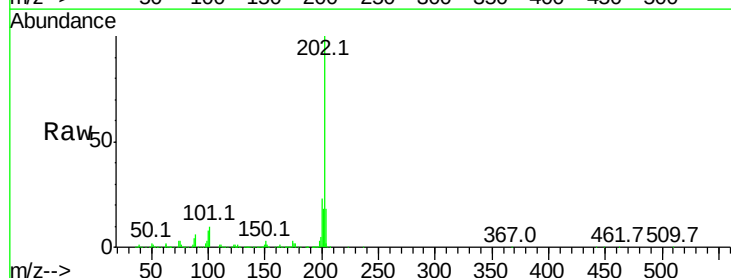
Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion:202 Resp: 2015747

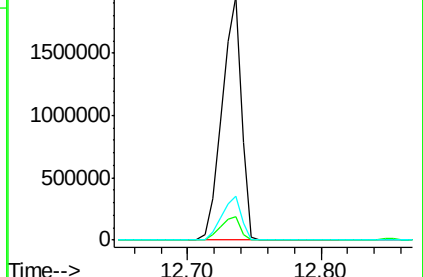
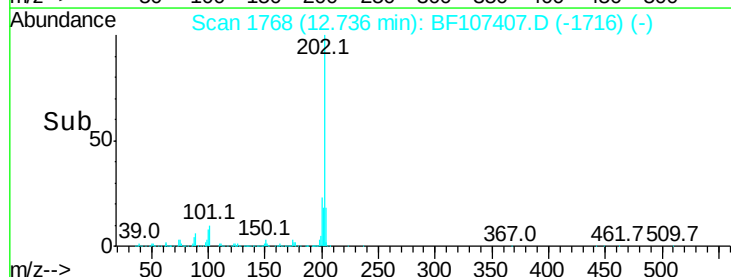
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.9	0.0	38.1

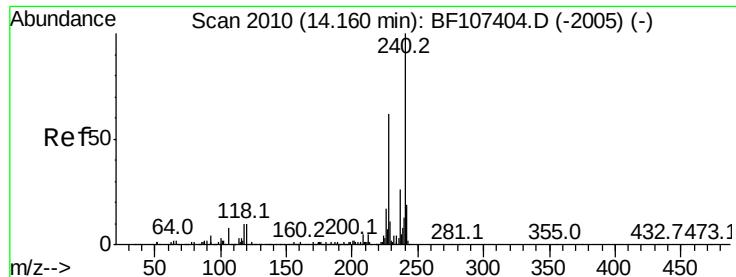


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

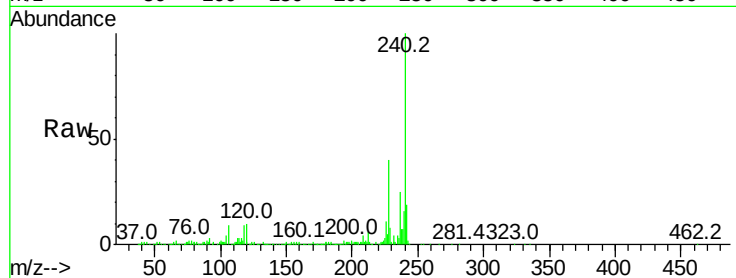
Tot Ion:240 Resp: 409732

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

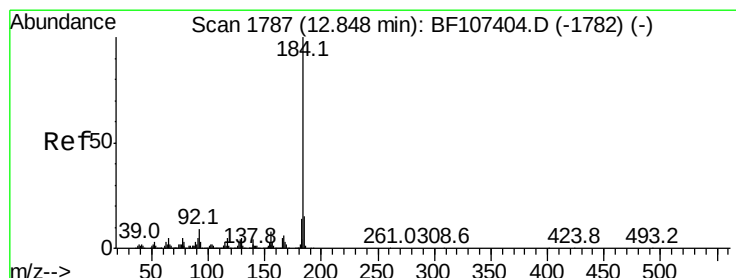
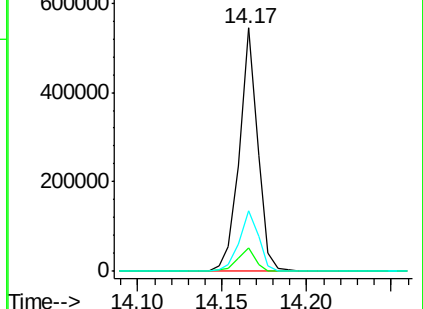
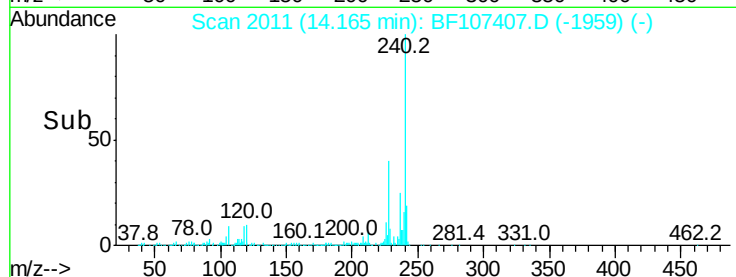
236 24.7 20.7 31.1



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: 3.486 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.25 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

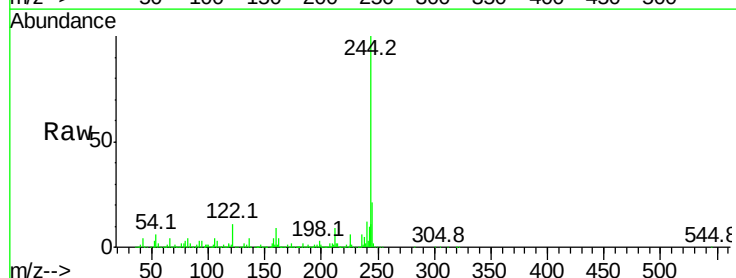
Tgt Ion:184 Resp: 40684

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

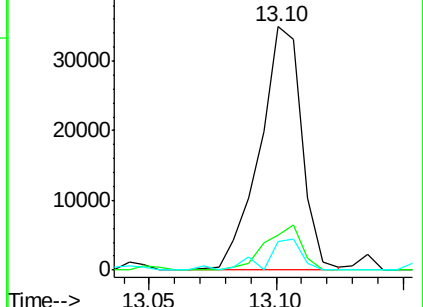
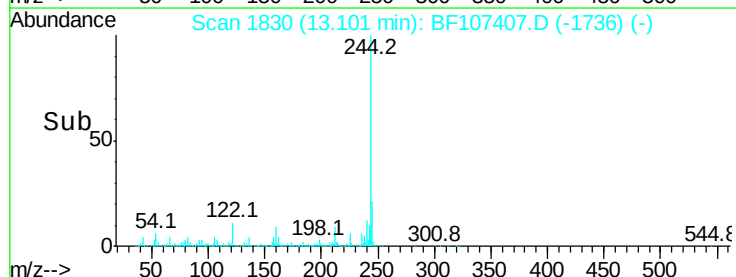
183 11.6 9.3 13.9

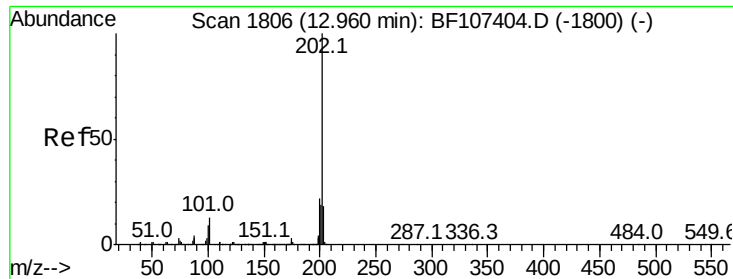


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 75.779 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

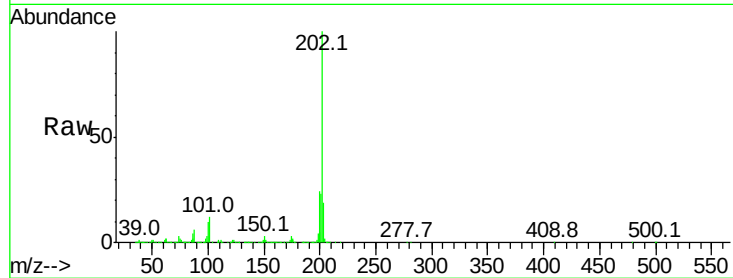
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 2047466

Ion	Ratio	Lower	Upper
202	100		
200	23.9	17.4	26.2
203	18.6	14.3	21.5

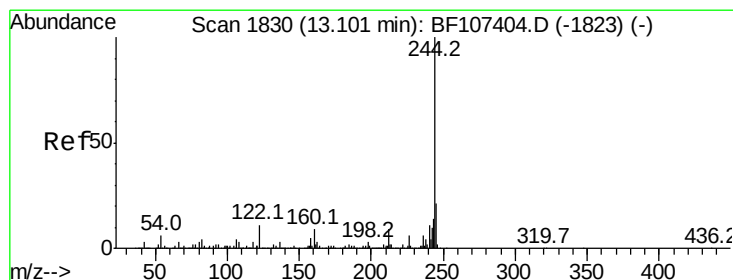
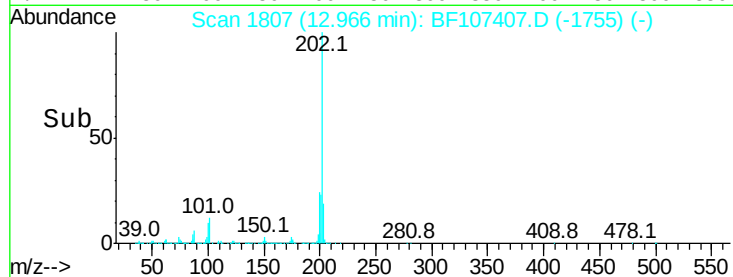
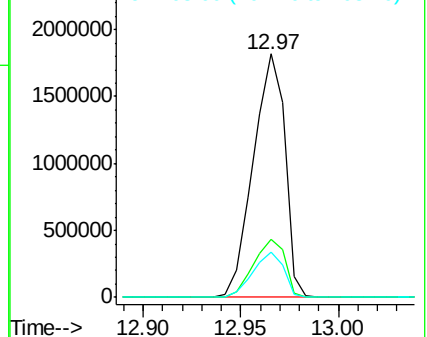


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 131.573 ng

RT: 13.11 min Scan# 1831

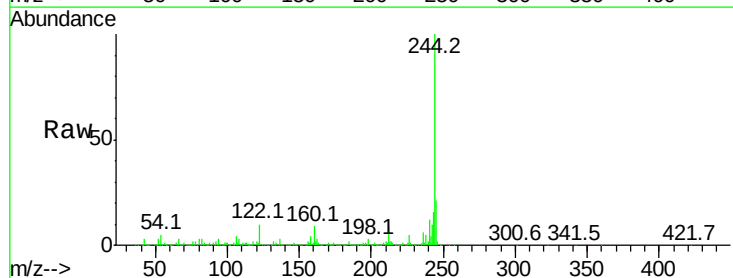
Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion:244 Resp: 2225563

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.4	8.0#
122	10.3	11.0	16.4#

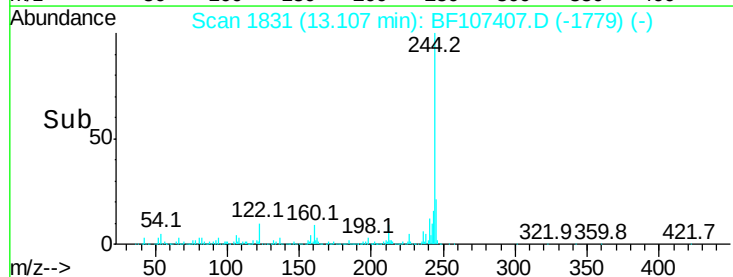
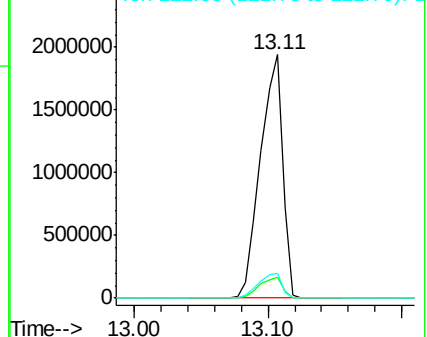


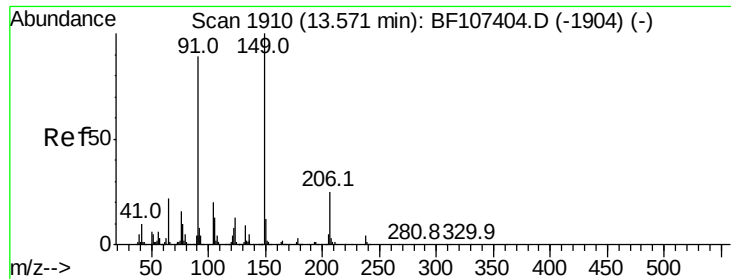
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

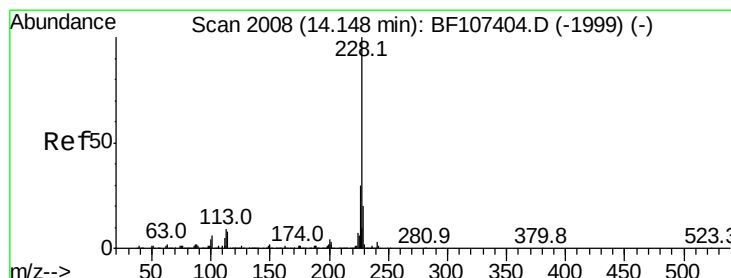
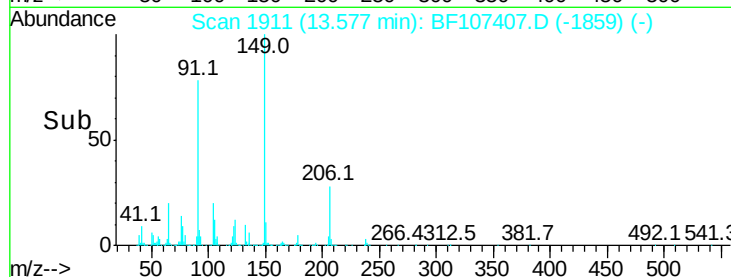
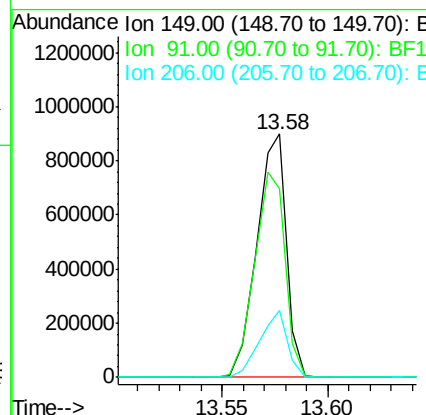
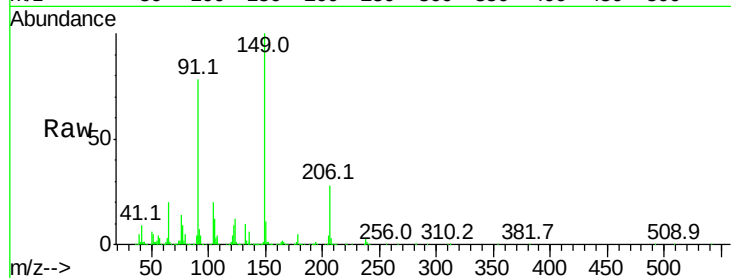




#79
 Butylbenzylphthalate
 Concen: 78.736 ng
 RT: 13.58 min Scan# 1911
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

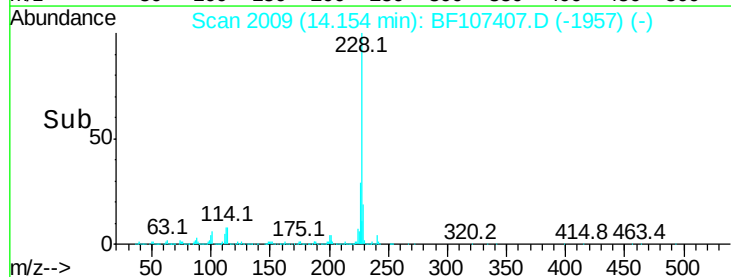
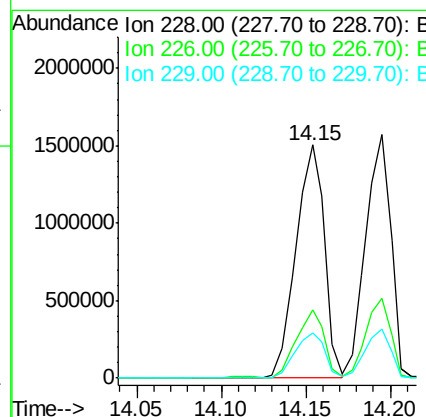
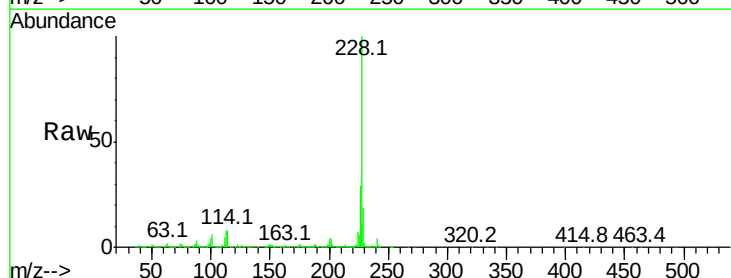
Instrument :
 BNA_F
 ClientSampleId :

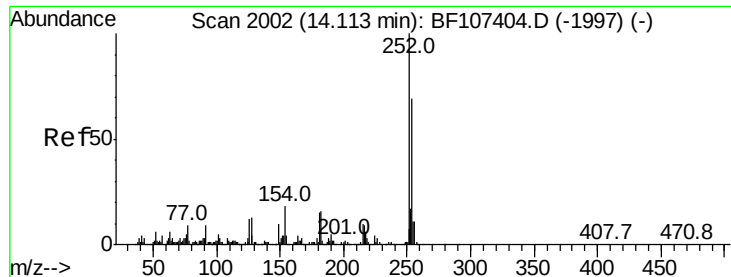
Tot Ion:149 Resp: 874672
 Ion Ratio Lower Upper
 149 100
 91 77.5 56.8 85.2
 206 27.6 14.1 21.1#



#80
 Benzo(a)anthracene
 Concen: 70.577 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Tgt Ion:228 Resp: 1762454
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.6 33.8
 229 19.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 65.122 ng

RT: 14.12 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

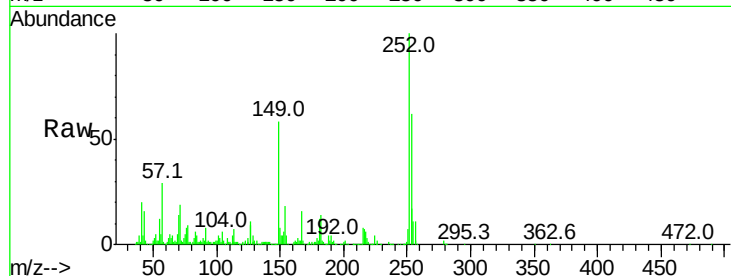
Tot Ion:252 Resp: 571550

Ion Ratio Lower Upper

252 100

254 61.7 50.4 75.6

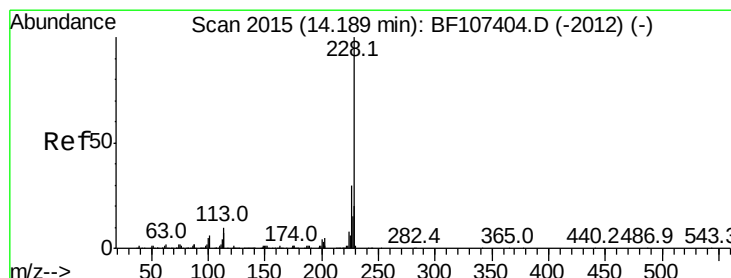
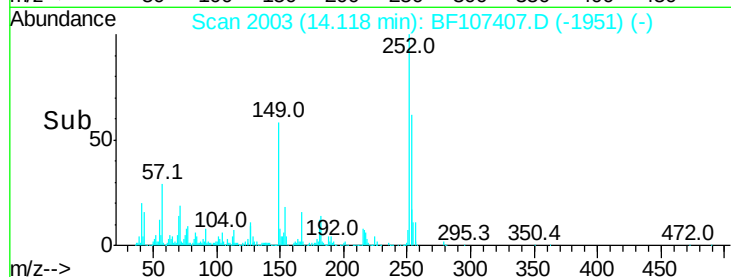
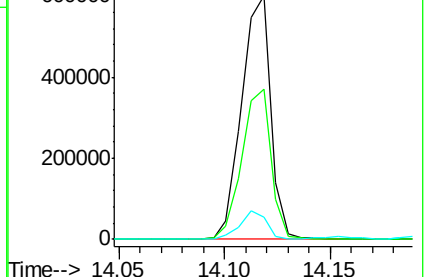
126 9.0 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 70.707 ng

RT: 14.19 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

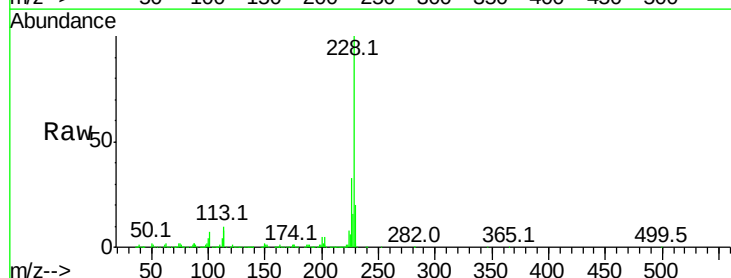
Tgt Ion:228 Resp: 1624422

Ion Ratio Lower Upper

228 100

226 32.9 25.0 37.6

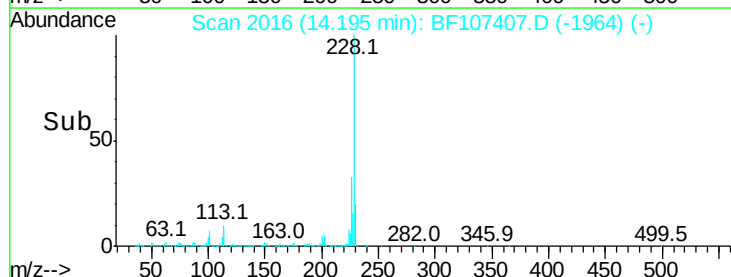
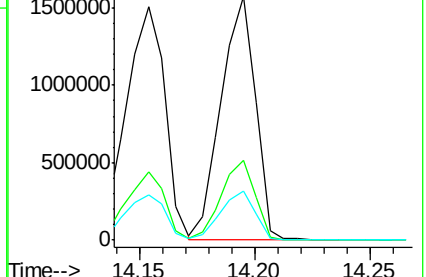
229 19.9 16.2 24.4

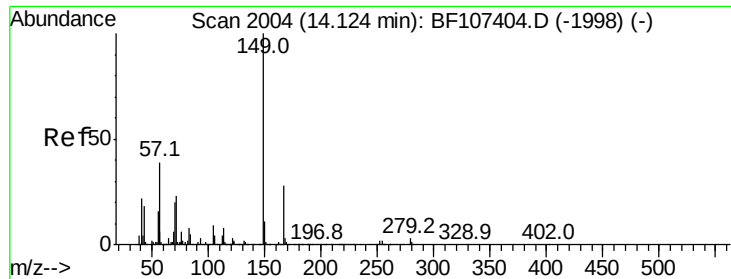


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 78.282 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Instrument :

BNA_F

ClientSampleId :

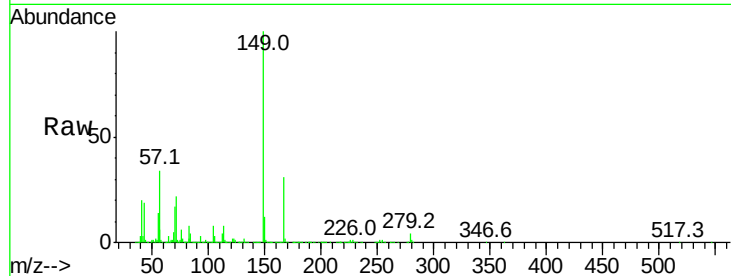
Tot Ion:149 Resp: 1111782

Ion	Ratio	Lower	Upper
149	100		
167	30.7	21.3	31.9
279	3.8	3.0	4.4

149 100

167 30.7 21.3 31.9

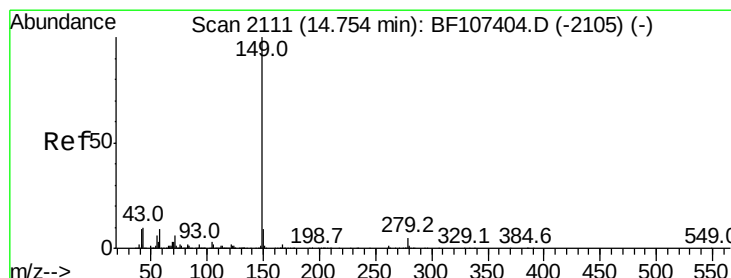
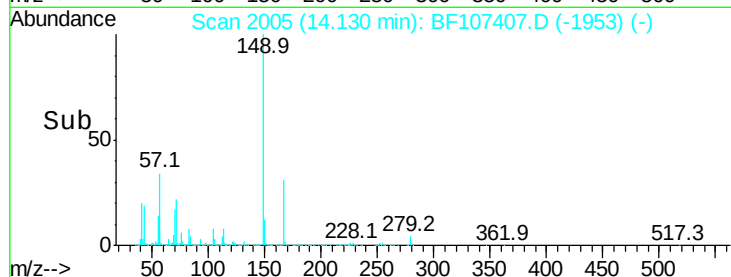
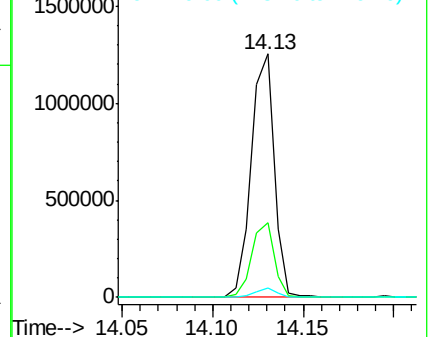
279 3.8 3.0 4.4



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: 78.075 ng

RT: 14.76 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

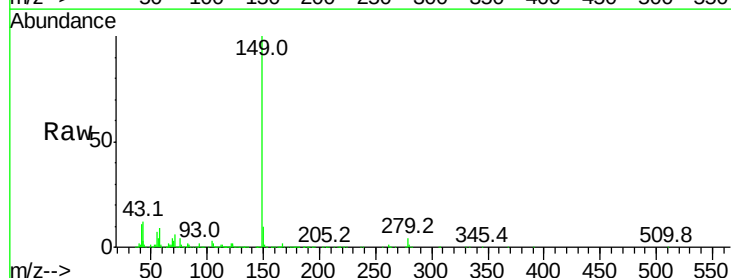
Tgt Ion:149 Resp: 1807469

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.3	8.4	12.6

149 100

167 1.7 1.2 1.8

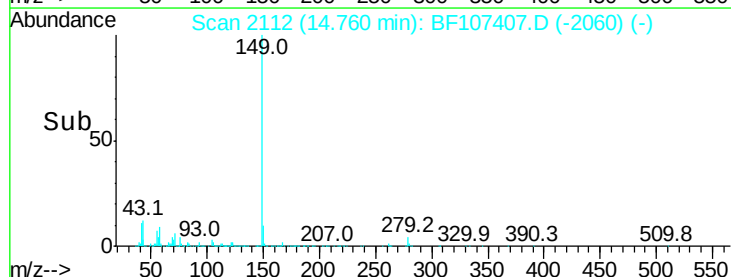
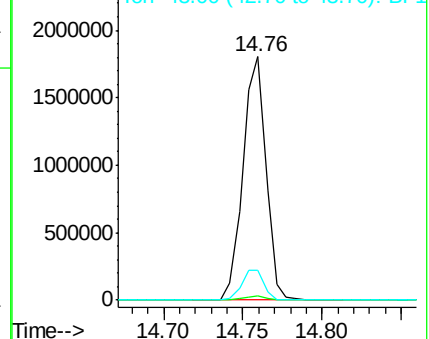
43 12.3 8.4 12.6

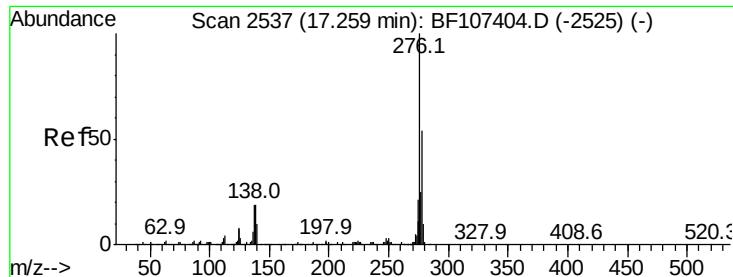


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 67.109 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

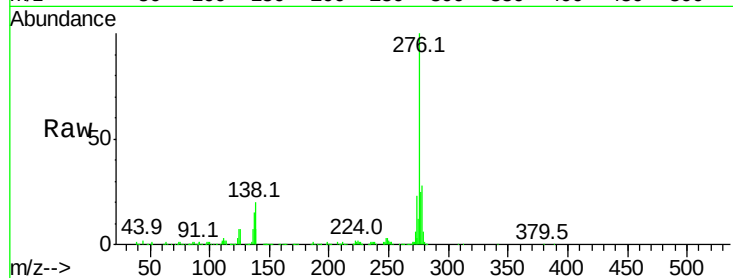
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1308392

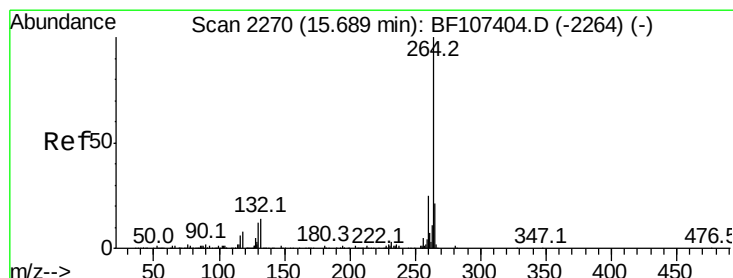
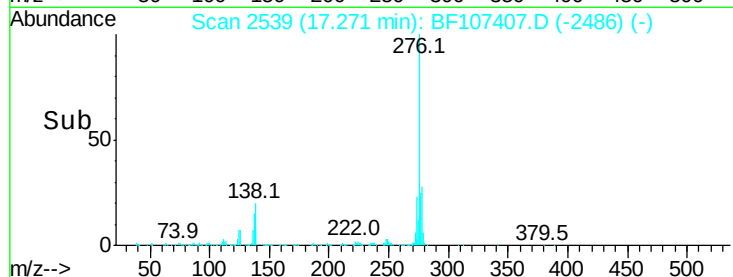
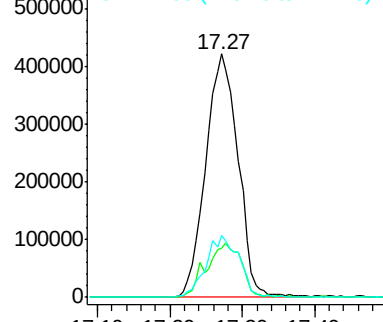
Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	25.8	20.1	30.1



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# 2271

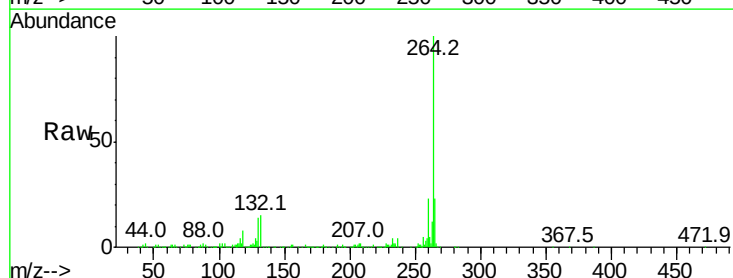
Delta R.T. 0.01 min

Lab File: BF107407.D

Acq: 16 Jul 2018 16:22

Tgt Ion:264 Resp: 326622

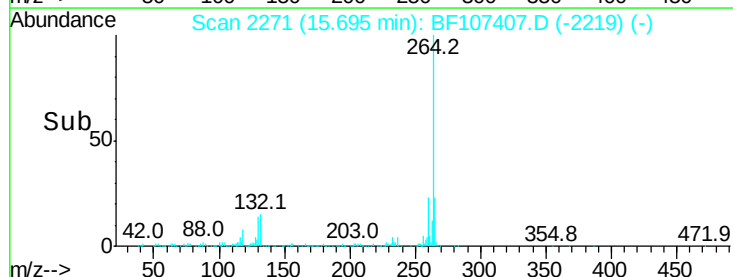
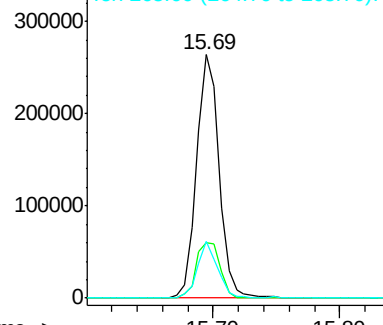
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	23.2	17.5	26.3

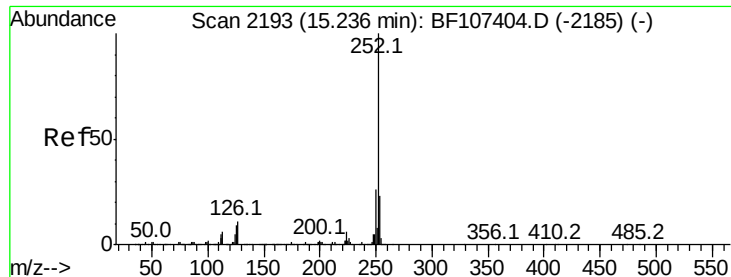


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

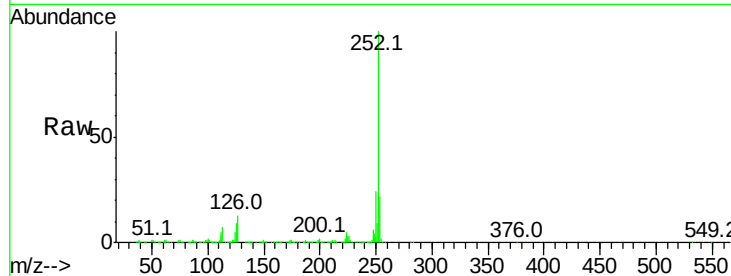




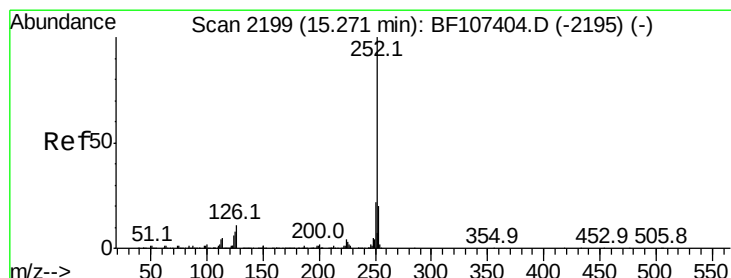
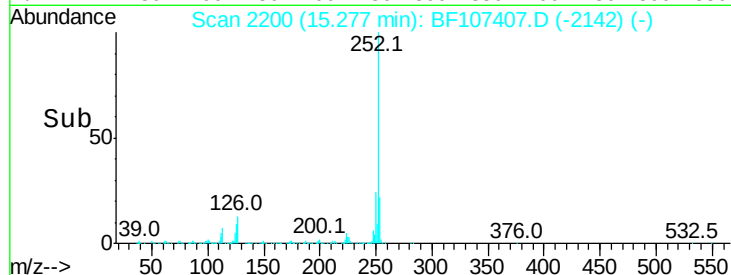
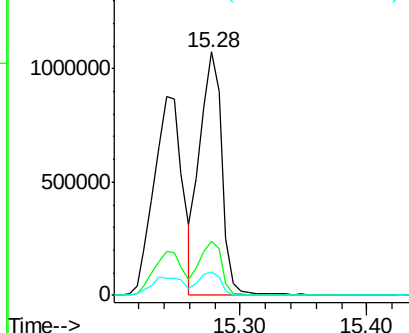
#87
Benzo(b)fluoranthene
Concen: 64.142 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.04 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1301415
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.5 9.0 13.6

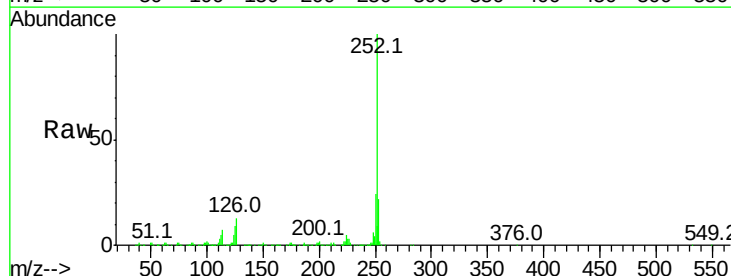


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

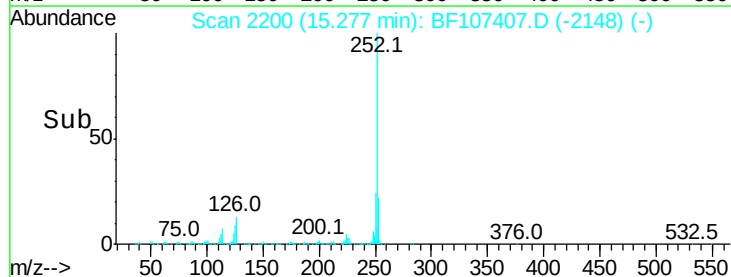
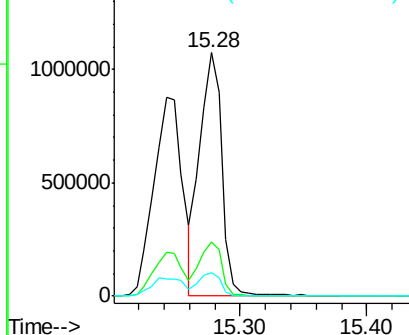


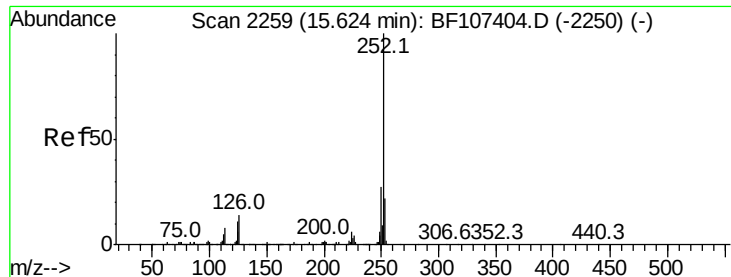
#88
Benzo(k)fluoranthene
Concen: 67.355 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Tgt Ion:252 Resp: 1301415
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.5 10.2 15.2#



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

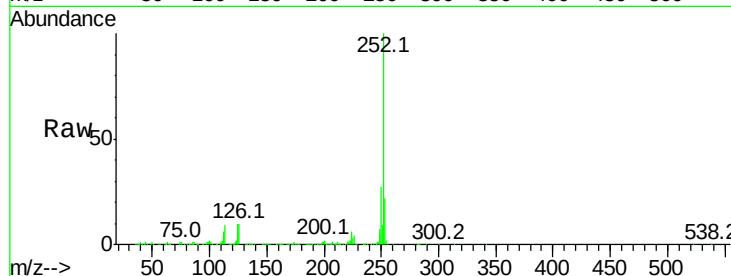




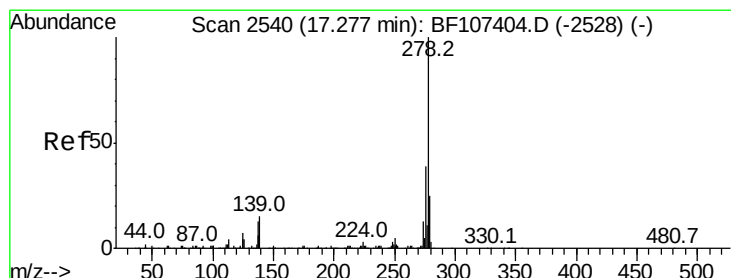
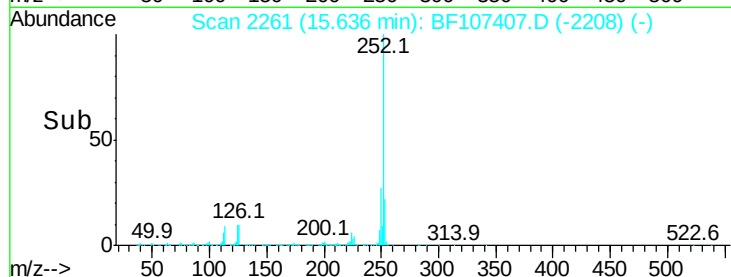
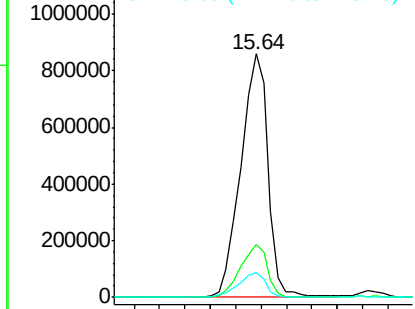
#89
Benzo(a)pyrene
Concen: 70.801 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1277034
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.2 9.8 14.6

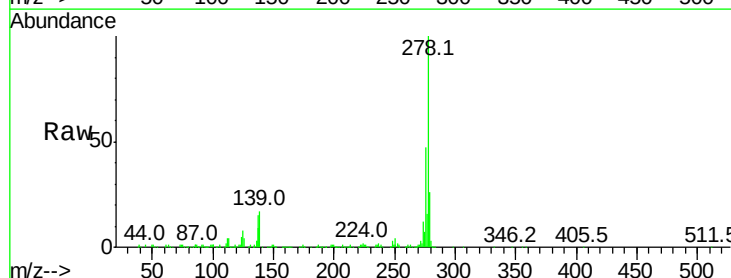


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

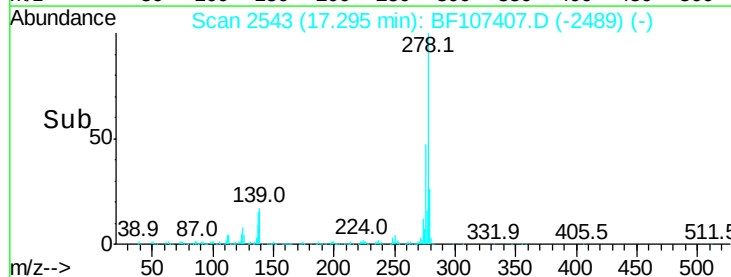
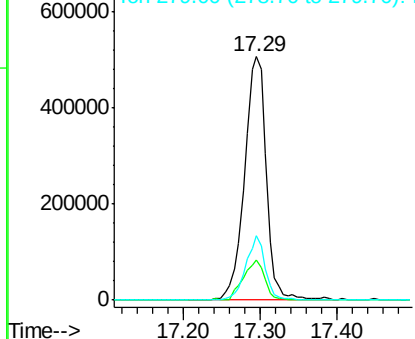


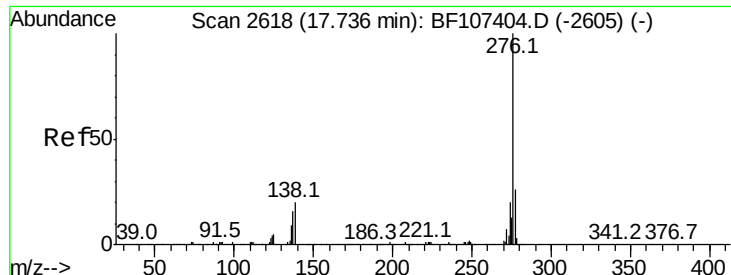
#90
Dibenzo(a,h)anthracene
Concen: 66.040 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.02 min
Lab File: BF107407.D
Acq: 16 Jul 2018 16:22

Tgt Ion:278 Resp: 1009505
Ion Ratio Lower Upper
278 100
139 16.6 15.9 23.9
279 26.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

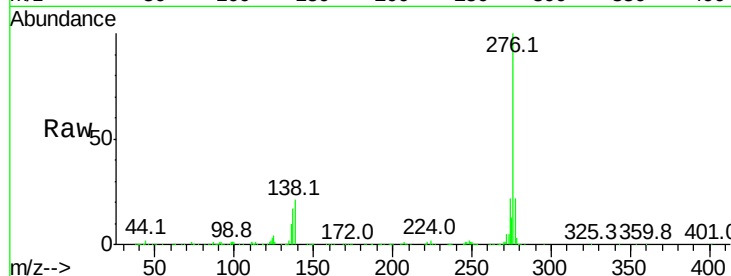




#91
 Benzo(a,h,i)perylene
 Concen: 73.086 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.02 min
 Lab File: BF107407.D
 Acq: 16 Jul 2018 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1091968
 Ion Ratio Lower Upper
 276 100
 277 22.5 17.9 26.9
 138 21.4 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

