

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107408.D
 Acq On : 16 Jul 2018 17:06
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 17:30:25 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 17:24:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	136810	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	530782	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	298839	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	617378	20.00	ng	0.00
75) Chrysene-d12	14.17	240	506656	20.00	ng	0.00
86) Perylene-d12	15.69	264	385574	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	686297	76.19	ng	0.00
7) Phenol-d6	6.60	99	872686	74.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	860975	86.50	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	193396	73.66	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1414996	78.06	ng	0.00
78) Terphenyl-d14	13.10	244	1484616	72.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	163932	36.861	ng	88
3) Pyridine	3.61	79	439431	36.635	ng	92
4) n-Nitrosodimethylamine	3.57	42	196269	39.848	ng	# 79
6) Aniline	6.64	93	590035	38.324	ng	# 87
8) 2-Chlorophenol	6.77	128	336987	36.991	ng	92
9) Benzaldehyde	6.53	77	350875	37.451	ng	90
10) Phenol	6.61	94	466181	37.336	ng	# 73
11) bis(2-Chloroethyl)ether	6.71	93	383532	37.640	ng	96
12) 1,3-Dichlorobenzene	6.92	146	429707	38.852	ng	# 88
13) 1,4-Dichlorobenzene	7.00	146	405888	37.021	ng	# 90
14) 1,2-Dichlorobenzene	7.15	146	387829	37.806	ng	96
15) Benzyl Alcohol	7.11	79	457336	39.101	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.25	45	424403	39.032	ng	84
17) 2-Methylphenol	7.22	107	327311	37.789	ng	# 87
18) Hexachloroethane	7.50	117	163981	40.197	ng	# 88
19) n-Nitroso-di-n-propylamine	7.39	70	313978	37.652	ng	92
20) 3+4-Methylphenols	7.37	107	425350	38.658	ng	92
22) Acetophenone	7.39	105	550218	37.729	ng	# 91
24) Nitrobenzene	7.57	77	479013	42.822	ng	94
25) Isophorone	7.80	82	743755	37.697	ng	# 93
26) 2-Nitrophenol	7.88	139	167413	44.027	ng	# 49
27) 2,4-Dimethylphenol	7.90	122	308449	38.899	ng	85
28) bis(2-Chloroethoxy)methane	8.01	93	478096	38.693	ng	96
29) 2,4-Dichlorophenol	8.11	162	326514	39.570	ng	94
30) 1,2,4-Trichlorobenzene	8.20	180	372522	37.281	ng	95
31) Naphthalene	8.29	128	953762	36.993	ng	98
32) Benzoic acid	8.01	122	217582	44.711	ng	# 76
33) 4-Chloroaniline	8.33	127	426404	38.189	ng	# 82
34) Hexachlorobutadiene	8.40	225	271871	40.662	ng	92
35) Caprolactam	8.70	113	99942	37.234	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	421873	39.128	ng	# 77
37) 2-Methylnaphthalene	8.98	142	661829	38.944	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	410418	35.293	ng	98
40) Hexachlorocyclopentadiene	9.13	237	239967	39.508	ng	94

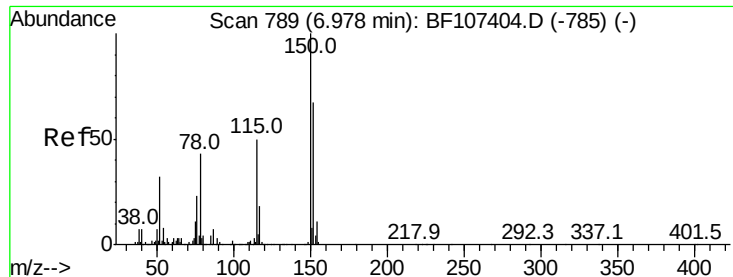
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107408.D
 Acq On : 16 Jul 2018 17:06
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	268434	36.978	ng	95
43) 2,4,5-Trichlorophenol	9.28	196	268503	38.664	ng	90
45) 1,1'-Biphenyl	9.44	154	882694	34.163	ng	93
46) 2-Chloronaphthalene	9.47	162	722787	35.419	ng	96
47) 2-Nitroaniline	9.56	65	257925	41.301	ng #	74
48) Acenaphthylene	9.89	152	1043475	36.640	ng	96
49) Dimethylphthalate	9.74	163	863763	36.378	ng	99
50) 2,6-Dinitrotoluene	9.80	165	182230	40.220	ng #	64
51) Acenaphthene	10.06	154	665356	35.243	ng	96
52) 3-Nitroaniline	9.97	138	183367	38.530	ng #	62
53) 2,4-Dinitrophenol	10.07	184	70149	43.349	ng #	33
54) Dibenzofuran	10.23	168	1021837	35.025	ng	93
55) 4-Nitrophenol	10.11	139	154038	40.000	ng #	59
56) 2,4-Dinitrotoluene	10.21	165	245727	41.609	ng #	90
57) Fluorene	10.57	166	679052	35.144	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	237309	35.278	ng #	90
59) Diethylphthalate	10.44	149	855327	37.079	ng	95
60) 4-Chlorophenyl-phenylether	10.57	204	432620	37.589	ng	98
61) 4-Nitroaniline	10.59	138	179056	39.535	ng #	44
62) Azobenzene	10.72	77	994337	36.707	ng	89
64) 4,6-Dinitro-2-methylphenol	10.61	198	140784	43.402	ng	83
65) n-Nitrosodiphenylamine	10.68	169	730084	37.442	ng	97
66) 4-Bromophenyl-phenylether	11.05	248	271523	38.441	ng	92
67) Hexachlorobenzene	11.12	284	236279	36.138	ng #	93
68) Atrazine	11.21	200	268034	36.376	ng	96
69) Pentachlorophenol	11.31	266	194713	40.298	ng	92
70) Phenanthrene	11.54	178	1099705	35.742	ng	97
71) Anthracene	11.60	178	1104337	36.036	ng	98
72) Carbazole	11.74	167	1045357	36.031	ng	97
73) Di-n-butylphthalate	12.07	149	1259856	37.786	ng #	96
74) Fluoranthene	12.73	202	1252255	35.809	ng	95
76) Benzidine	12.85	184	738097	37.537	ng #	93
77) Pyrene	12.97	202	1310105	38.025	ng	98
79) Butylbenzylphthalate	13.57	149	532553	42.435	ng #	80
80) Benzo(a)anthracene	14.15	228	1141438	36.820	ng	97
81) 3,3'-Dichlorobenzidine	14.11	252	406275	39.077	ng #	99
82) Chrysene	14.19	228	1079209	36.444	ng	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	708602	39.402	ng	94
84) Di-n-octyl phthalate	14.76	149	1108007	39.633	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	700162	33.216	ng #	91
87) Benzo(b)fluoranthene	15.24	252	902852	40.005	ng	99
88) Benzo(k)fluoranthene	15.24	252	902852	40.993	ng	97
89) Benzo(a)pyrene	15.64	252	796650	38.459	ng #	96
90) Dibenzo(a,h)anthracene	17.28	278	578959	37.034	ng #	93
91) Benzo(g,h,i)perylene	17.75	276	567766	35.742	ng #	89

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

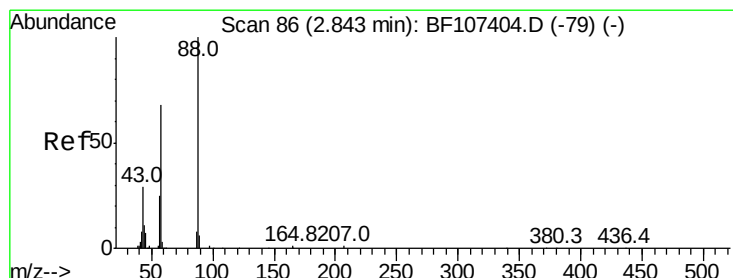
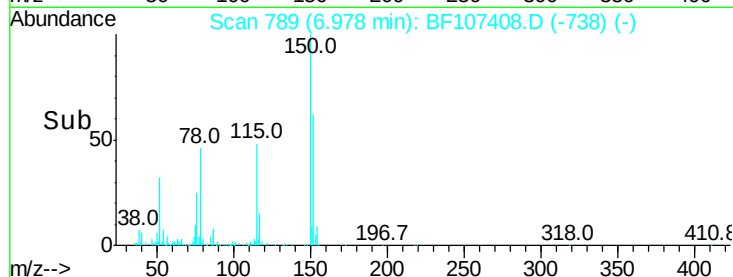
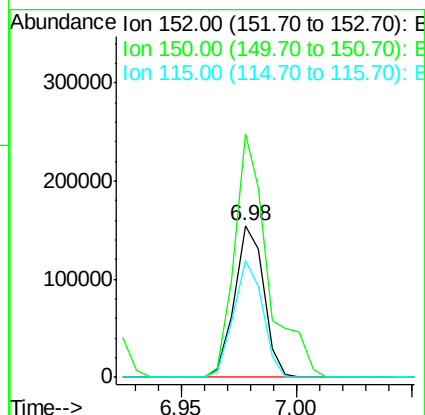
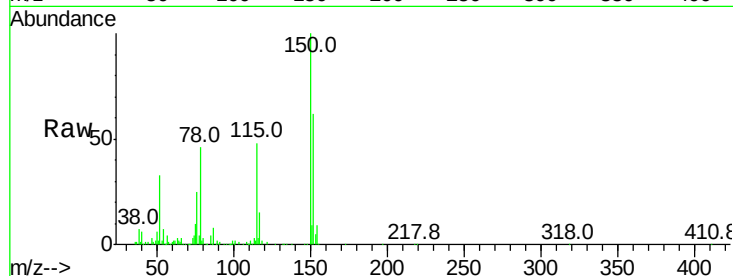


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :

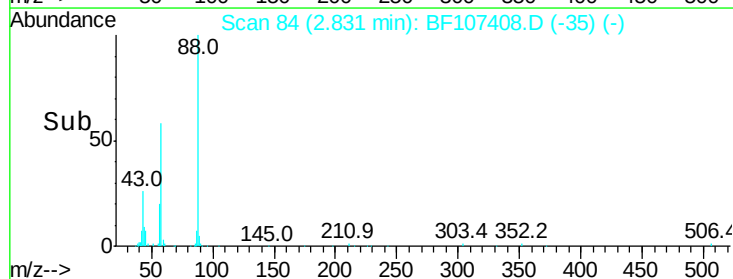
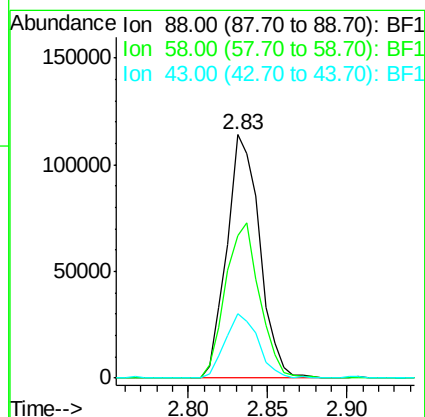
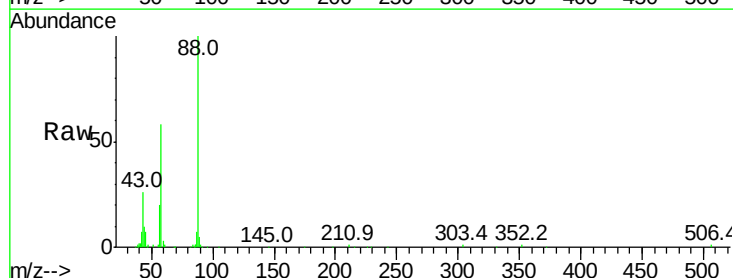
Tot Ion:152 Resp: 136810
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 77.0 50.1 75.1#

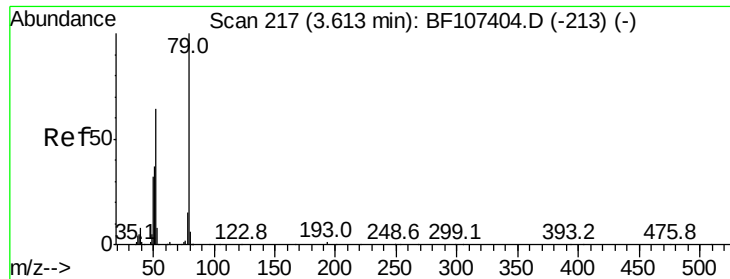


#2

1,4-Dioxane
Concen: 36.861 ng
RT: 2.83 min Scan# 84
Delta R.T. -0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion: 88 Resp: 163932
Ion Ratio Lower Upper
88 100
58 66.0 62.6 93.8
43 26.8 24.6 37.0





#3

Pvridine

Concen: 36.635 ng

RT: 3.61 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

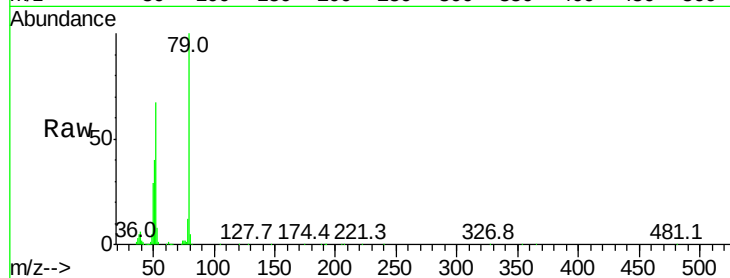
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 439431

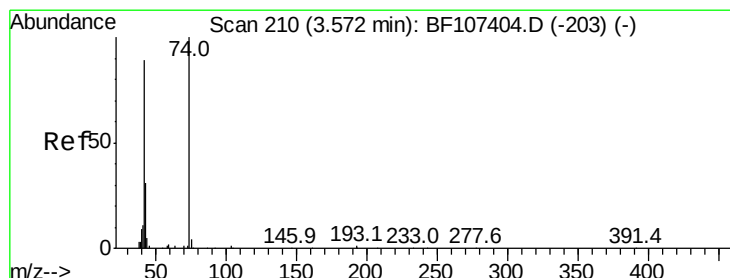
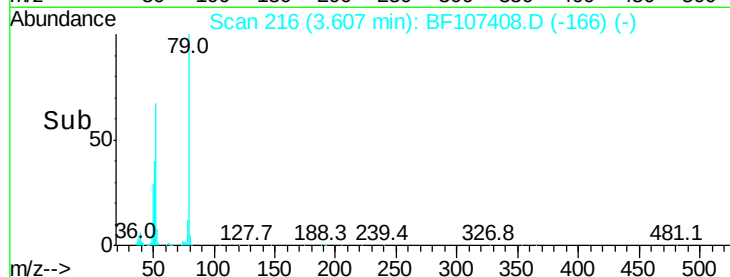
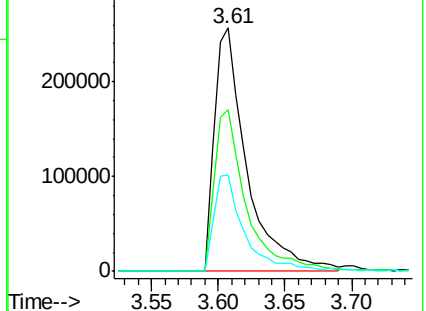
Ion	Ratio	Lower	Upper
79	100		
52	66.7	59.8	89.6
51	39.7	29.8	44.8



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: 39.848 ng

RT: 3.57 min Scan# 209

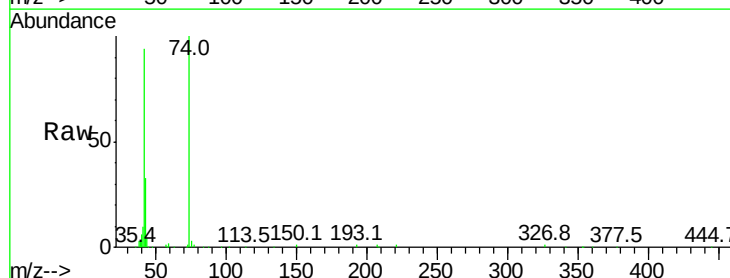
Delta R.T. -0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion: 42 Resp: 196269

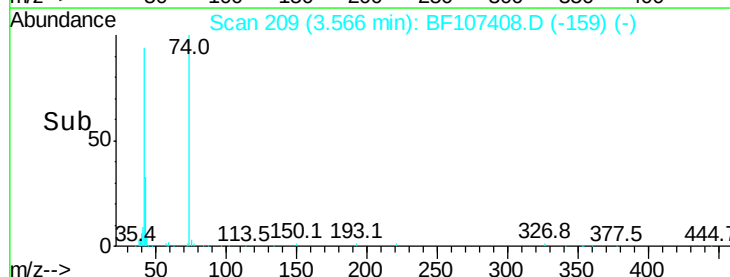
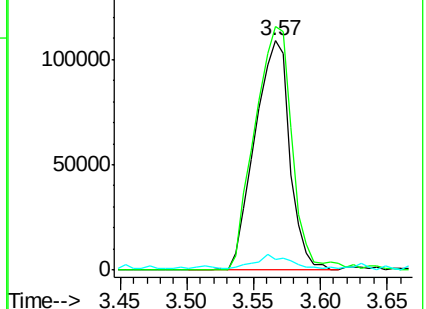
Ion	Ratio	Lower	Upper
42	100		
74	106.3	104.9	157.3
44	4.6	6.9	10.3#

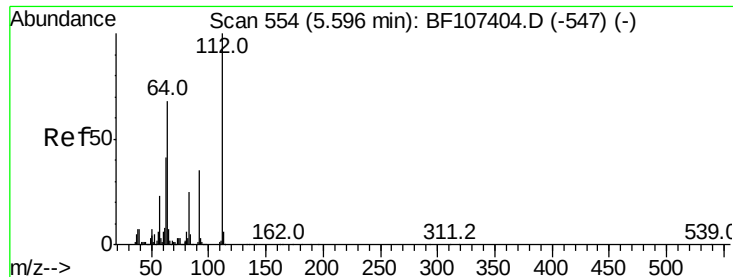


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.187 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

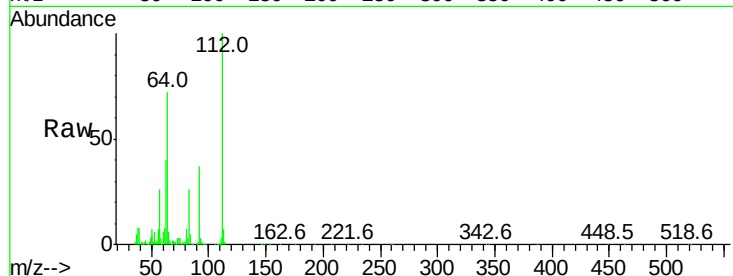
Tot Ion:112 Resp: 686297

Ion Ratio Lower Upper

112 100

64 72.4 47.9 71.9#

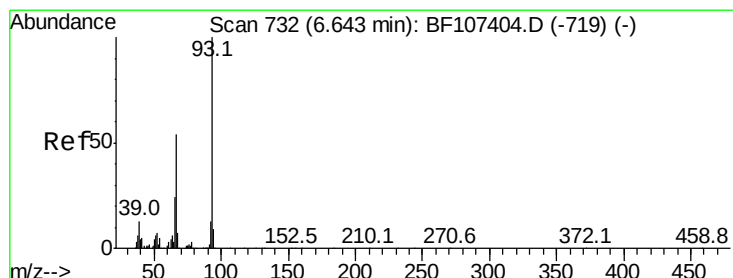
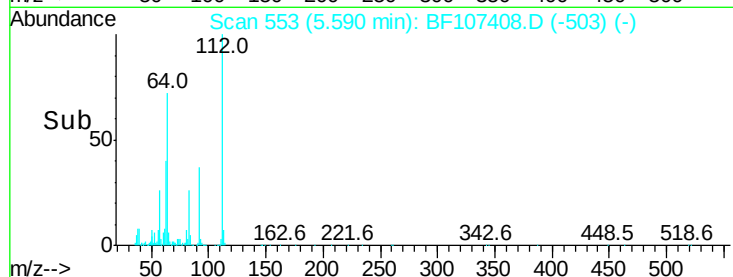
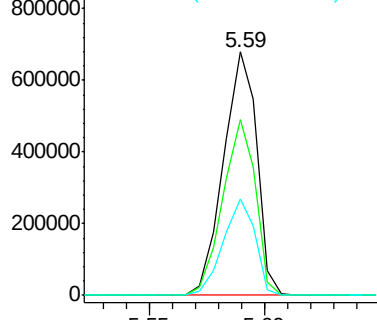
63 39.5 23.7 35.5#



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: 38.324 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

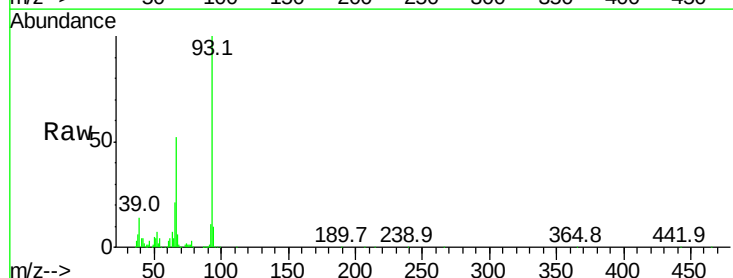
Tgt Ion: 93 Resp: 590035

Ion Ratio Lower Upper

93 100

66 51.6 32.2 48.2#

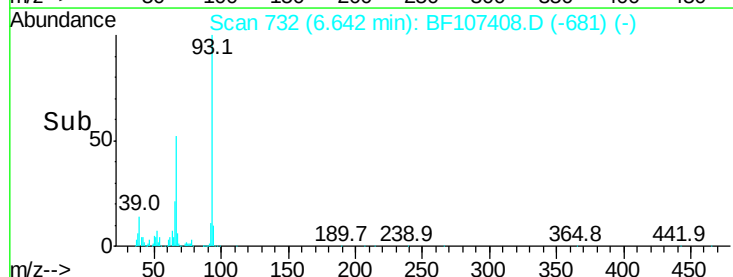
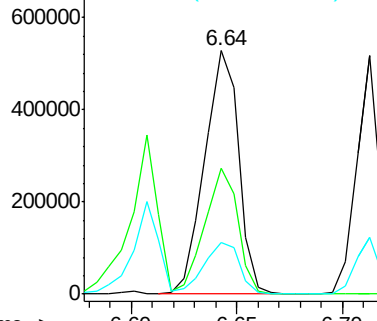
65 21.0 16.4 24.6

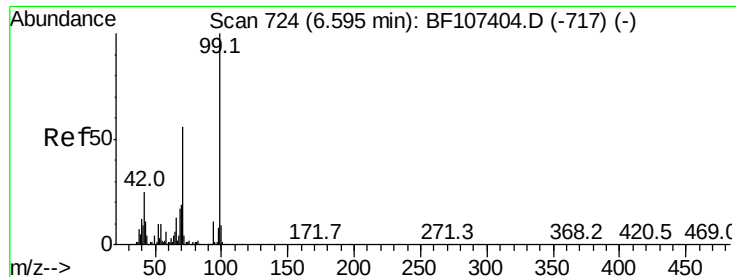


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.931 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampled :

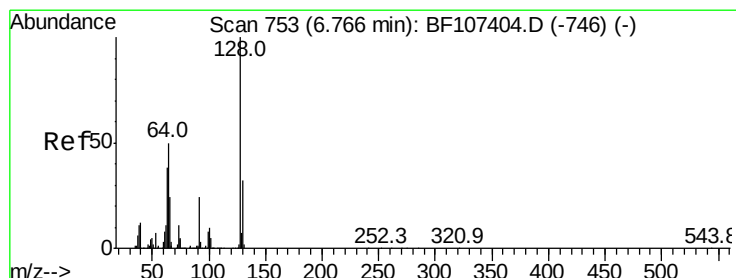
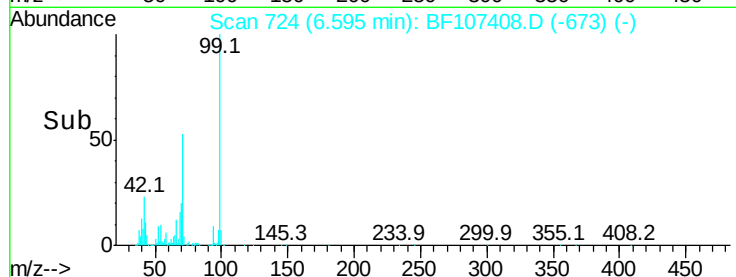
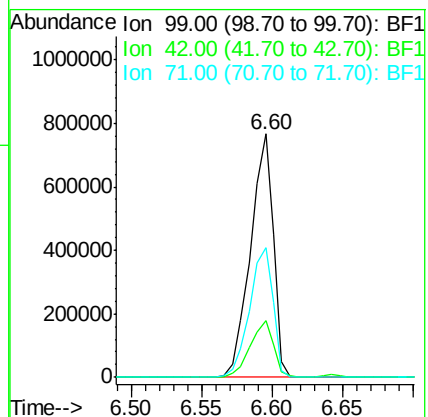
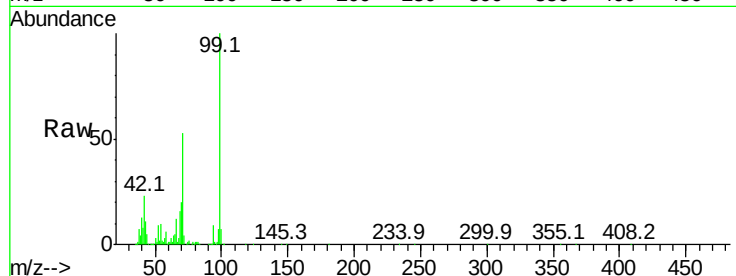
Tot Ion: 99 Resp: 872686

Ion Ratio Lower Upper

99 100

42 23.2 14.5 21.7#

71 53.2 25.4 38.0#



#8

2-Chlorophenol

Concen: 36.991 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

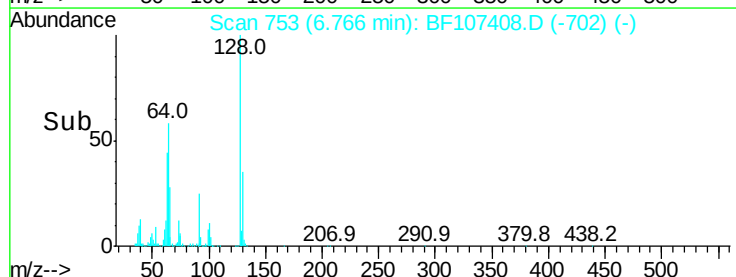
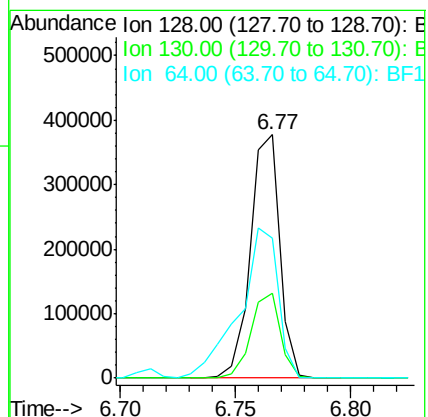
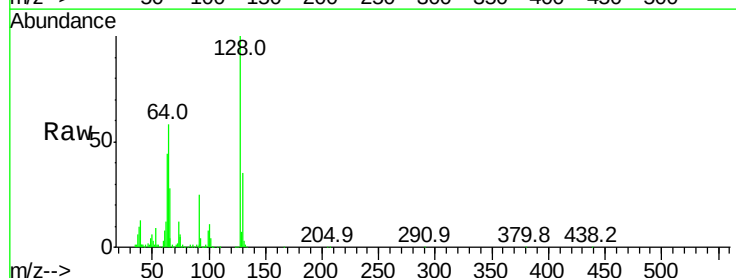
Tgt Ion: 128 Resp: 336987

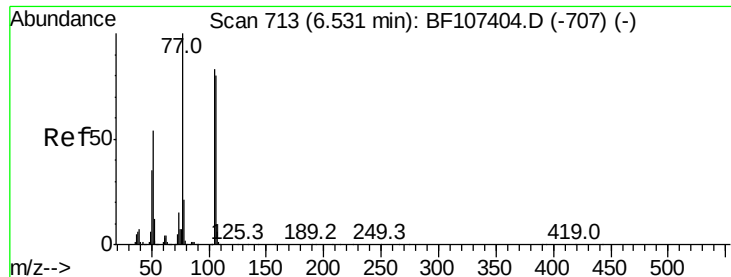
Ion Ratio Lower Upper

128 100

130 34.7 13.0 53.0

64 57.6 29.4 69.4





#9

Benzaldehyde

Concen: 37.451 ng

RT: 6.53 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampled :

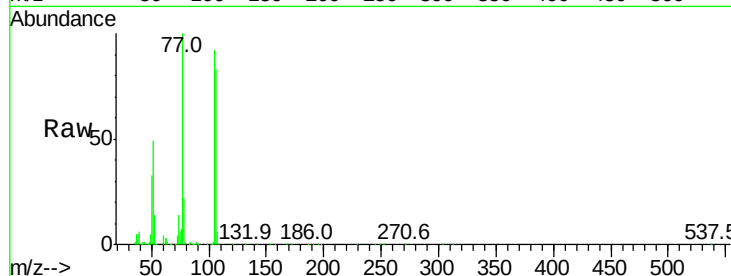
Tot Ion: 77 Resp: 350875

Ion	Ratio	Lower	Upper
77	100		
105	92.4	81.1	121.1
106	82.6	74.5	114.5

77 100

105 92.4 81.1 121.1

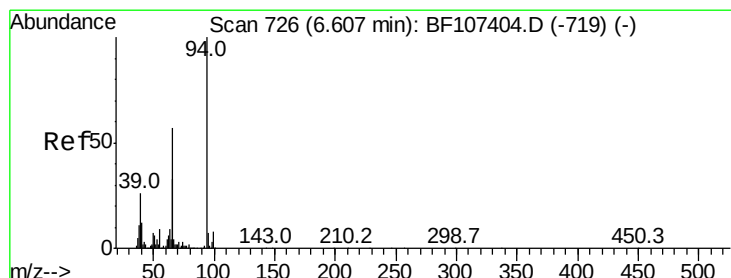
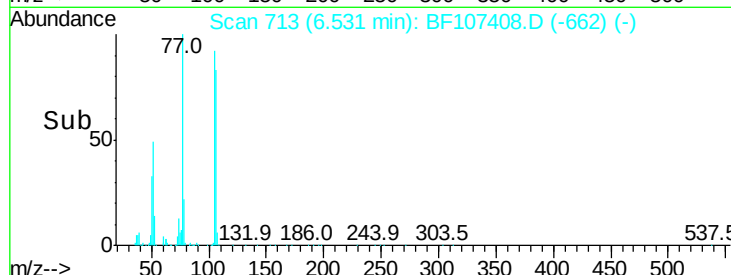
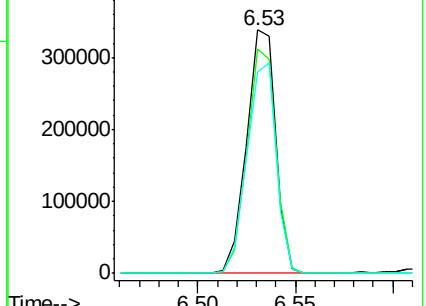
106 82.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.336 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

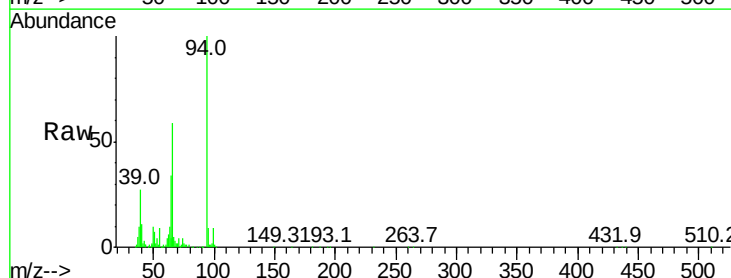
Tgt Ion: 94 Resp: 466181

Ion	Ratio	Lower	Upper
94	100		
65	34.0	7.9	47.9
66	58.7	16.2	56.2

94 100

65 34.0 7.9 47.9

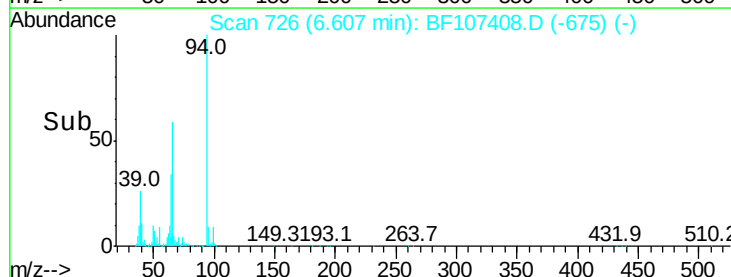
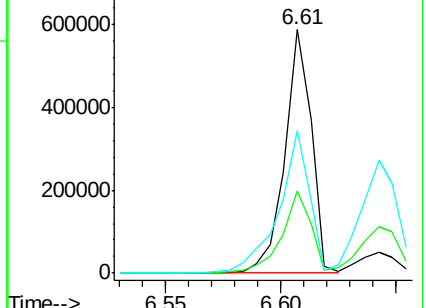
66 58.7 16.2 56.2

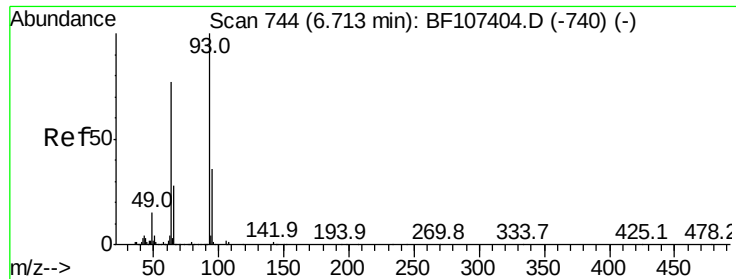


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.640 ng

RT: 6.71 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

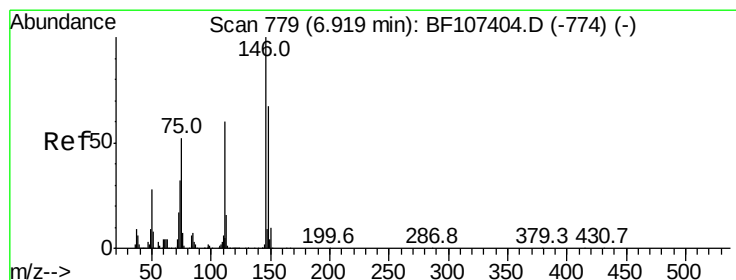
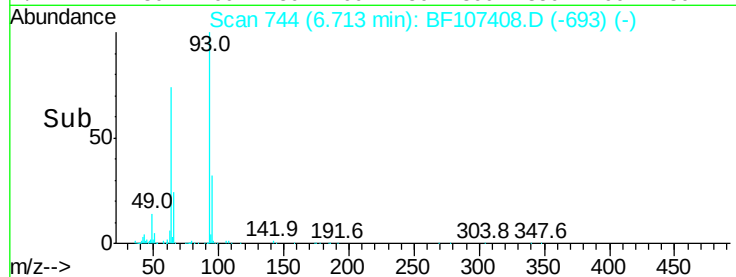
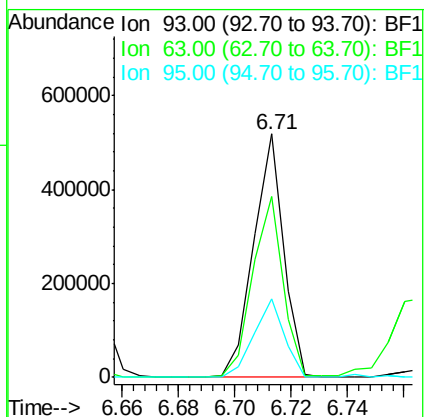
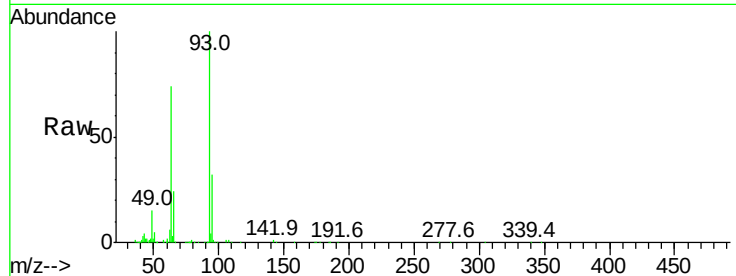
Tot Ion: 93 Resp: 383532

Ion Ratio Lower Upper

93 100

63 74.2 58.6 98.6

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.852 ng

RT: 6.92 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

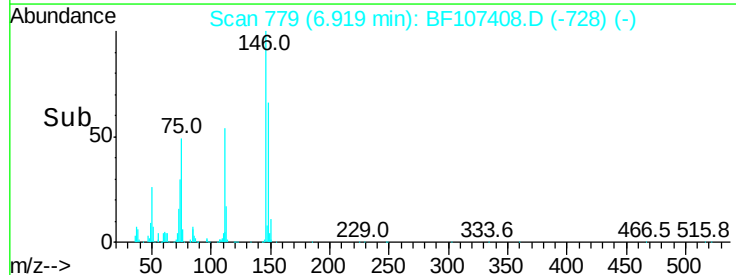
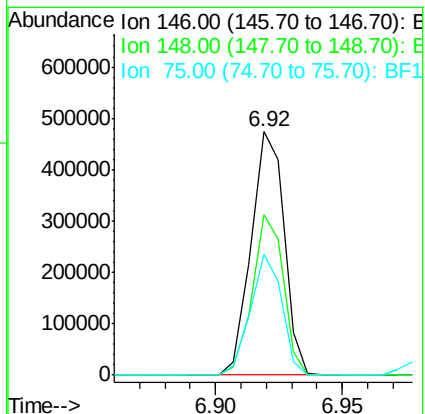
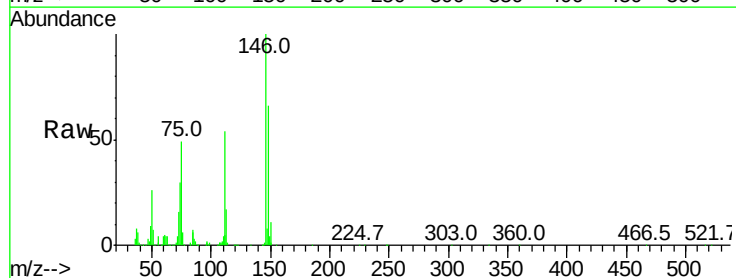
Tgt Ion: 146 Resp: 429707

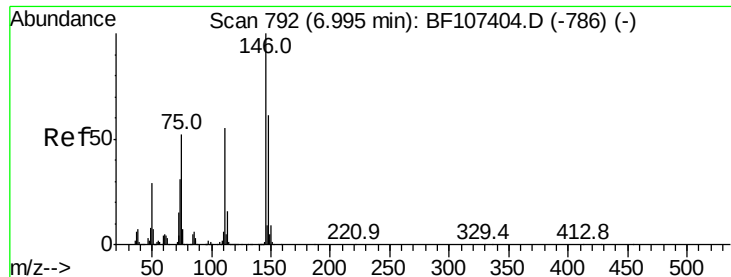
Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.8

75 49.5 24.2 36.4#

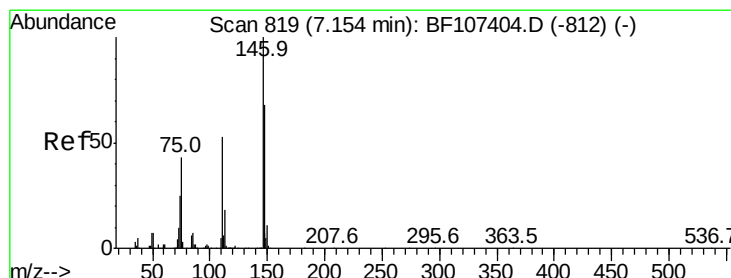
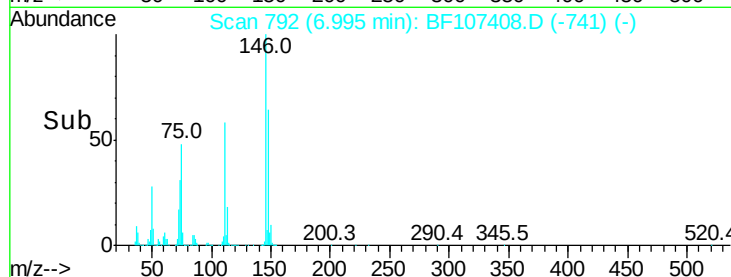
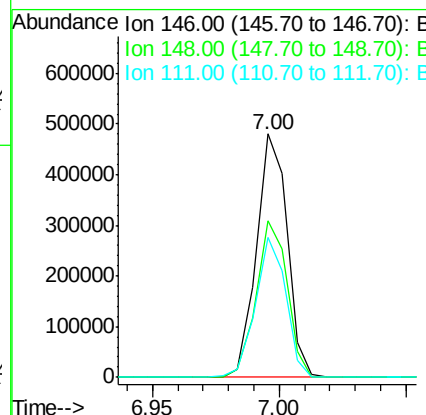
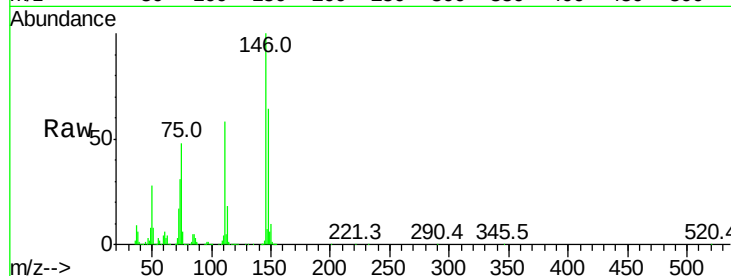




#13
 1,4-Dichlorobenzene
 Concen: 37.021 ng
 RT: 7.00 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

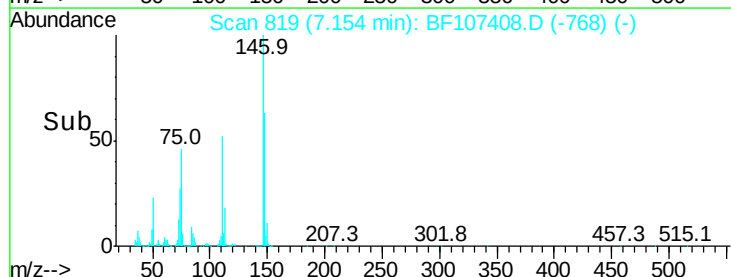
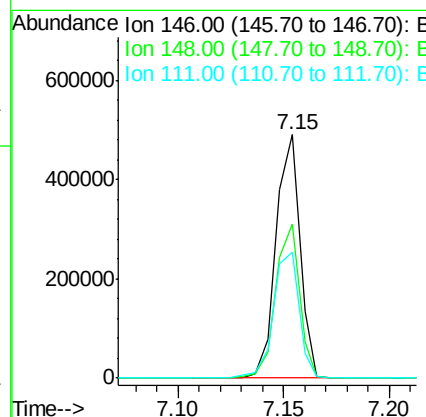
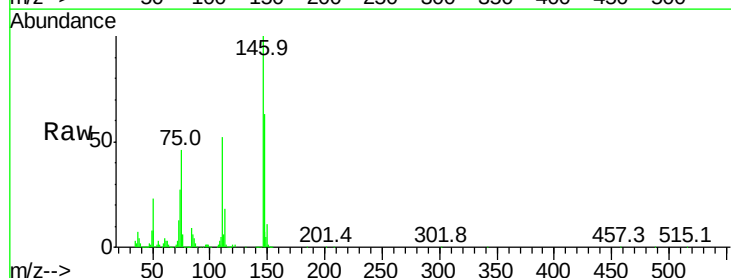
Instrument :
 BNA_F
 ClientSampleId :

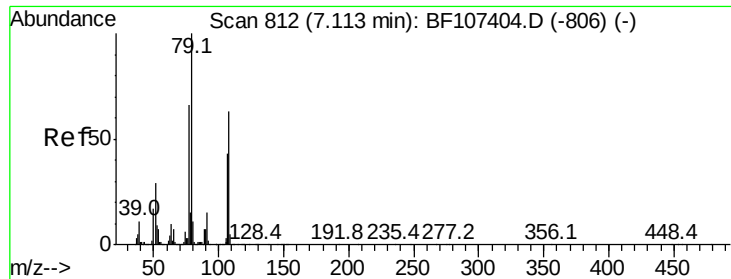
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	57.7	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.806 ng
 RT: 7.15 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	51.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.101 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampled :

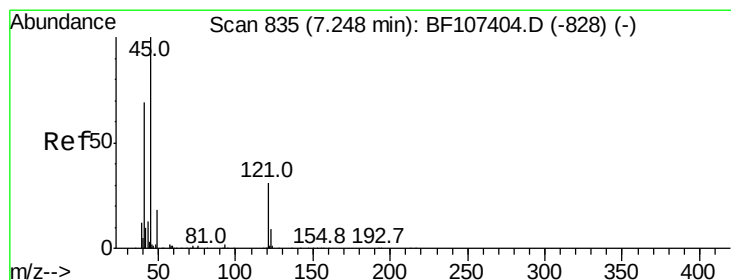
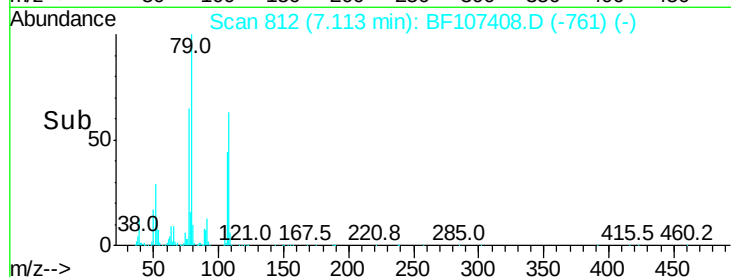
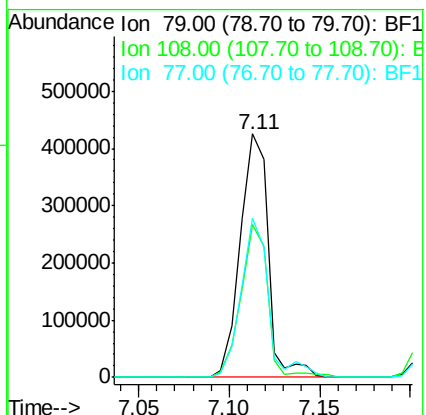
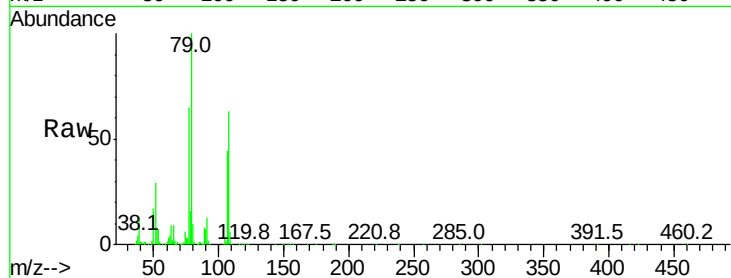
Tot Ion: 79 Resp: 457336

Ion Ratio Lower Upper

79 100

108 62.8 65.1 97.7#

77 65.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.032 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

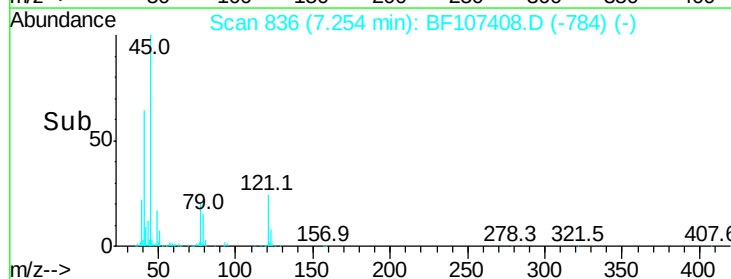
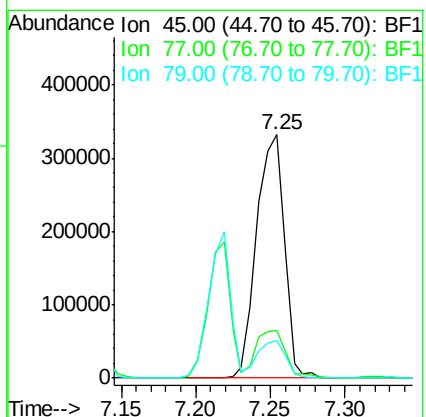
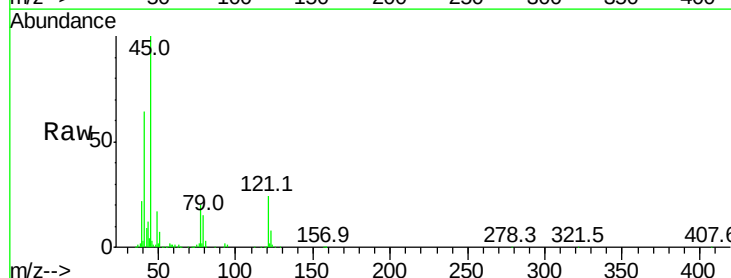
Tgt Ion: 45 Resp: 424403

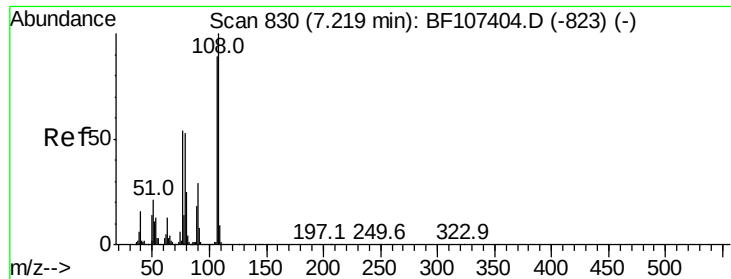
Ion Ratio Lower Upper

45 100

77 19.7 0.0 32.9

79 15.3 0.0 29.6





#17

2-Methylphenol

Concen: 37.789 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 327311

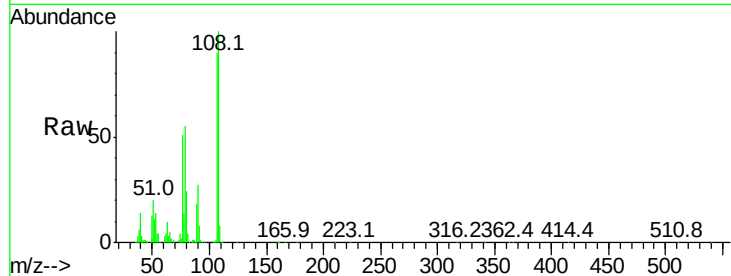
Ion Ratio Lower Upper

107 100

108 111.6 91.7 137.5

77 56.8 33.8 50.8#

79 61.1 33.8 50.8#

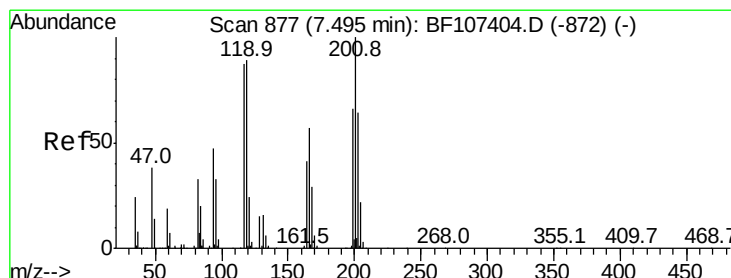
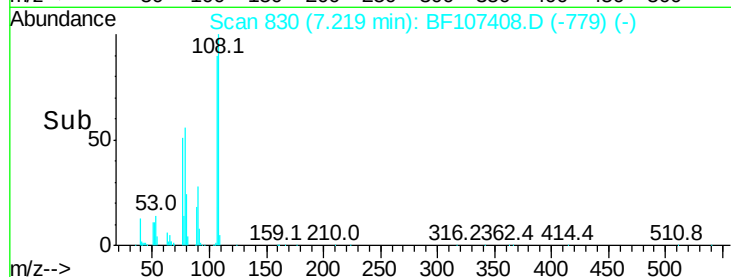
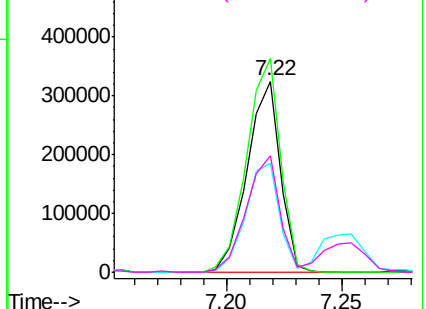


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.197 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

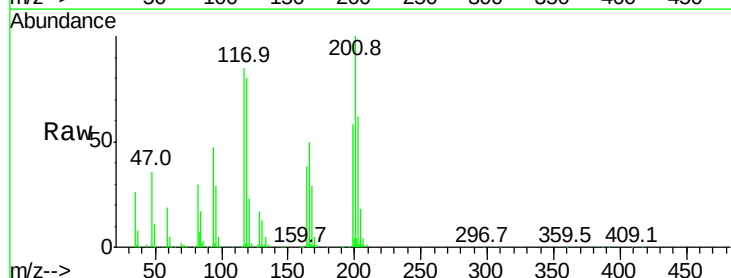
Tgt Ion:117 Resp: 163981

Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.8

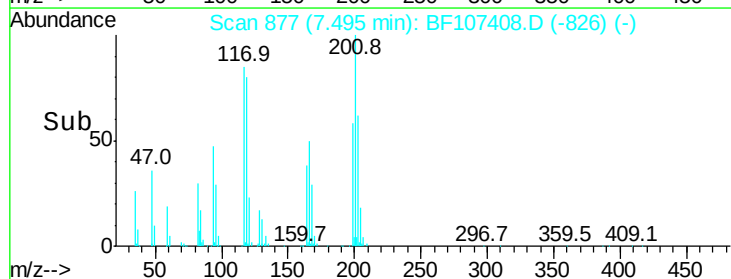
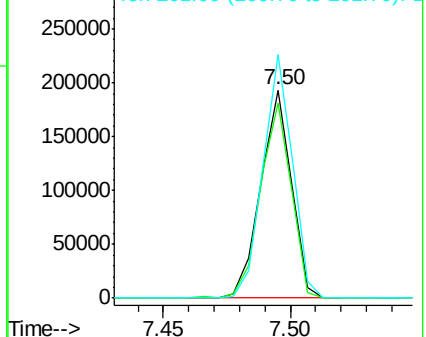
201 117.1 75.7 113.5#

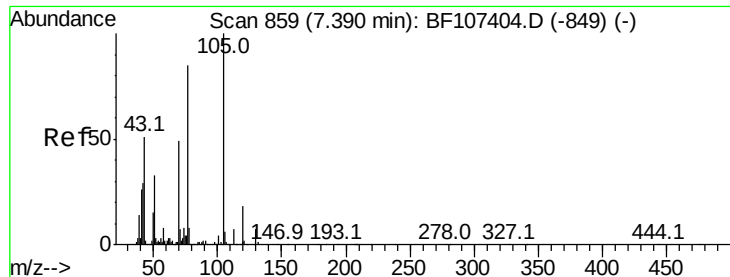


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.652 ng

RT: 7.39 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 313978

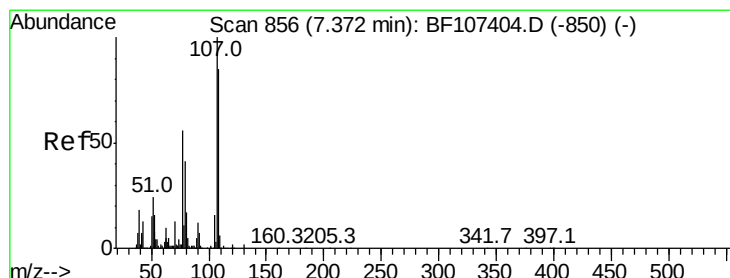
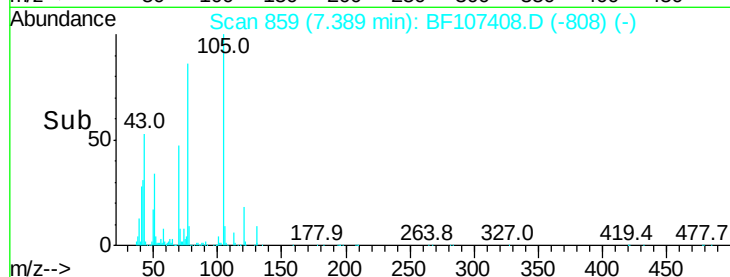
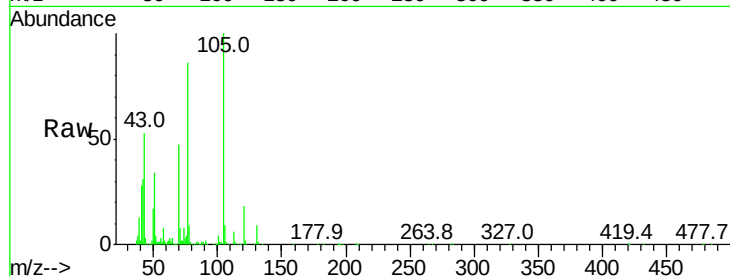
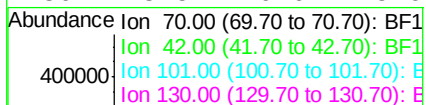
Ion	Ratio	Lower	Upper
70	100		
42	66.9	47.5	71.3
101	9.0	7.4	11.2
130	18.5	16.6	25.0

70 100

42 66.9 47.5 71.3

101 9.0 7.4 11.2

130 18.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.658 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion: 107 Resp: 425350

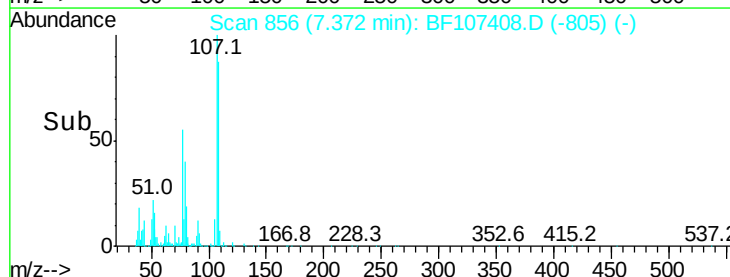
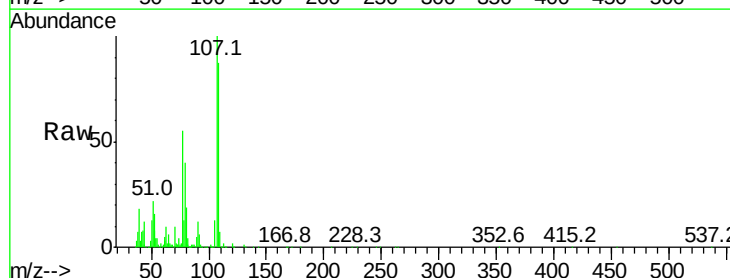
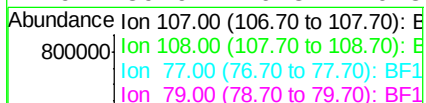
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	54.9	26.7	66.7
79	39.9	6.3	46.3

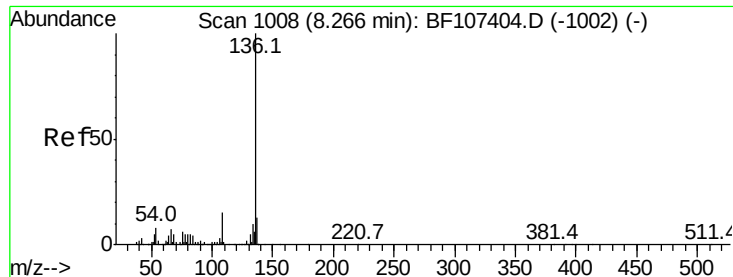
107 100

108 87.3 68.2 108.2

77 54.9 26.7 66.7

79 39.9 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: BF107408.D

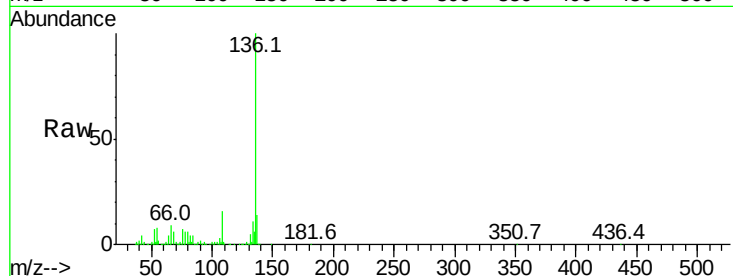
Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	530782
Ion Ratio	Lower	Upper
136 100		
137 13.8	8.9	13.3#
54 8.4	6.6	9.8
68 6.4	5.0	7.4



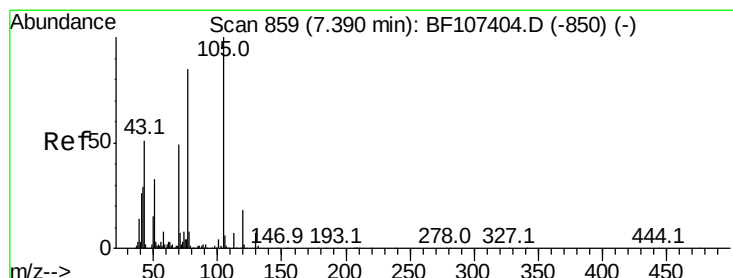
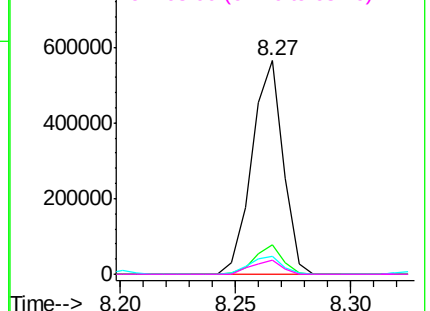
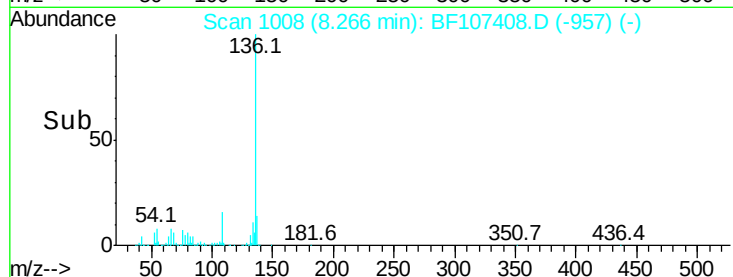
Abundance

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: 37.729 ng

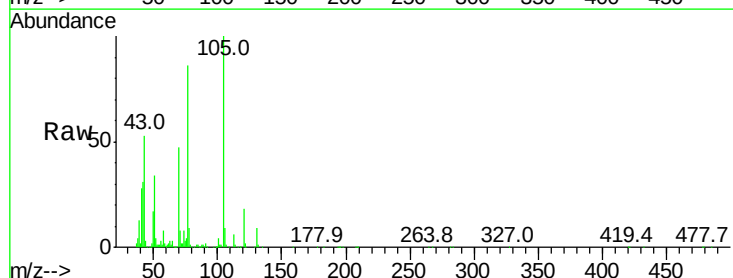
RT: 7.39 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:105	Resp:	550218
Ion Ratio	Lower	Upper
105 100		
71 8.1	4.4	6.6#
51 33.7	22.3	33.5#
120 17.6	16.9	25.3



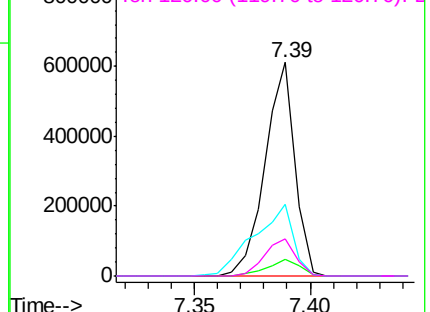
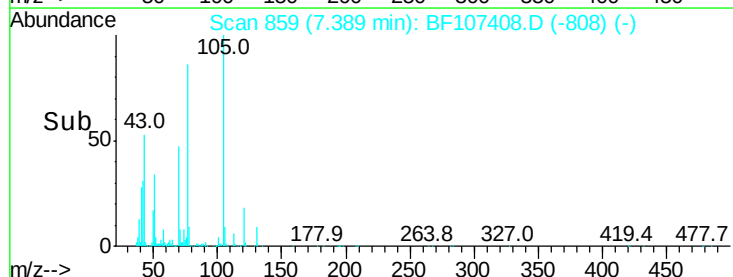
Abundance

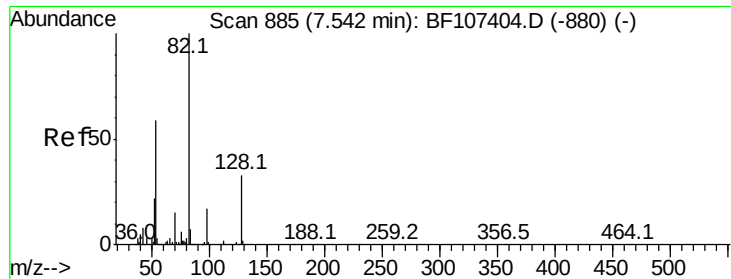
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

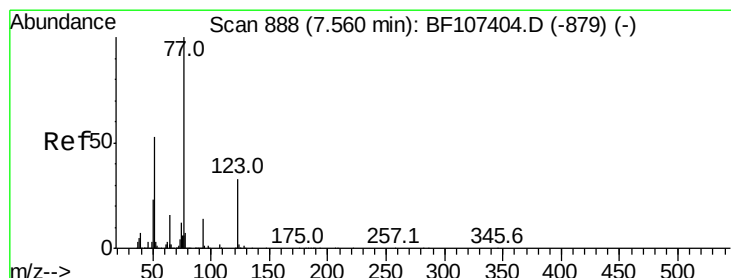
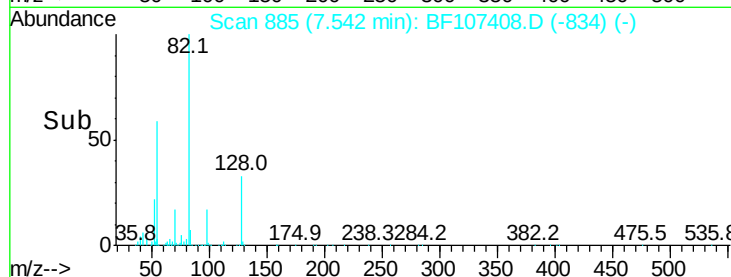
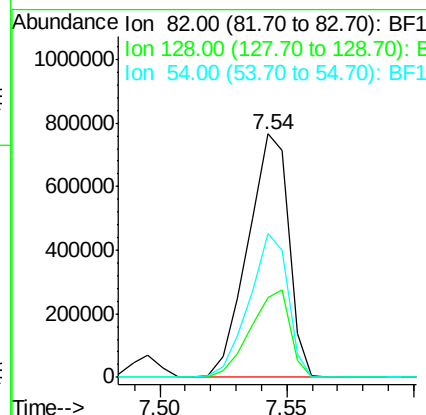
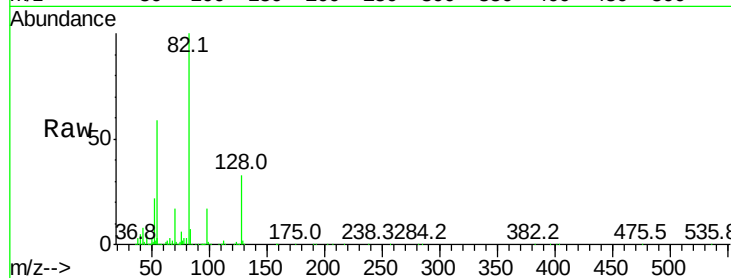




#23
 Nitrobenzene-d5
 Concen: 86.496 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

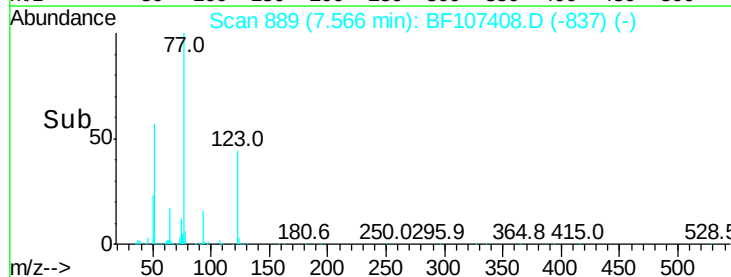
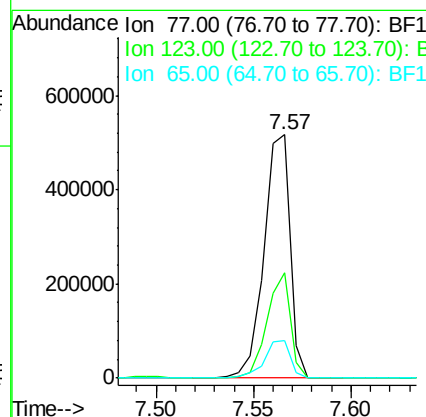
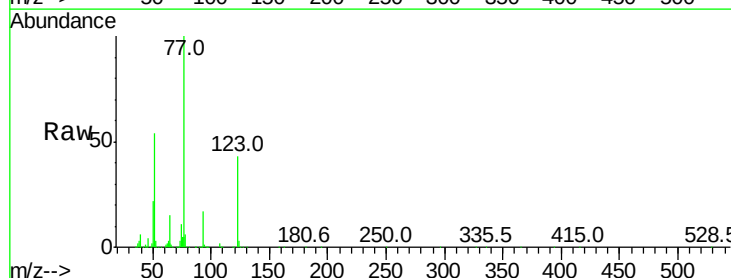
Instrument :
 BNA_F
 ClientSampled :

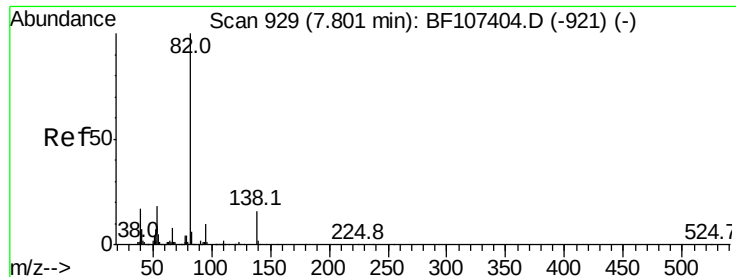
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	36.1	54.1#
54	59.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 42.822 ng
 RT: 7.57 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	37.9	56.9
65	15.4	11.0	16.4





#25

Isophorone

Concen: 37.697 ng

RT: 7.80 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

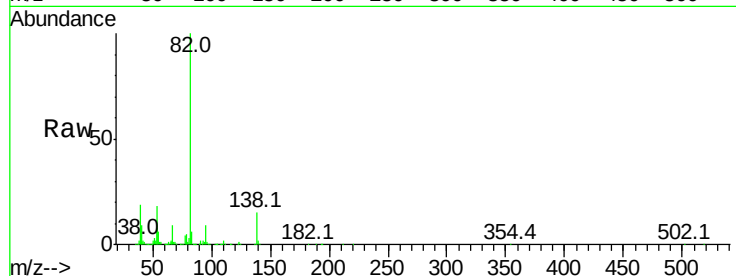
Tot Ion: 82 Resp: 743755

Ion Ratio Lower Upper

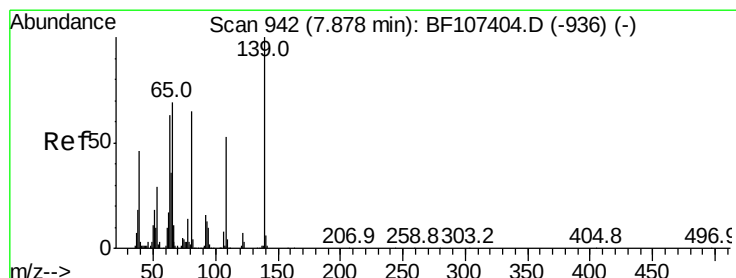
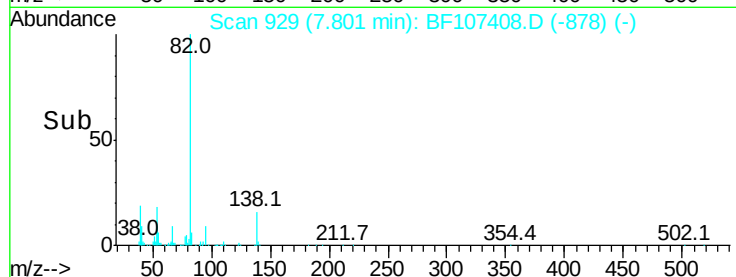
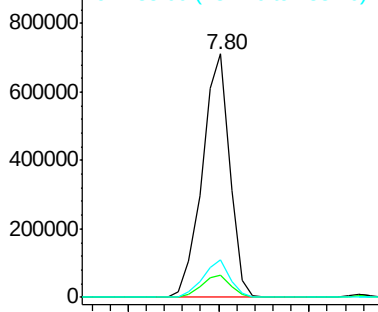
82 100

95 8.9 5.2 7.8#

138 15.3 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: 44.027 ng

RT: 7.88 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

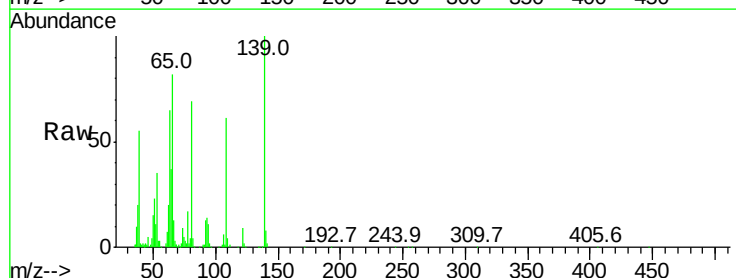
Tgt Ion: 139 Resp: 167413

Ion Ratio Lower Upper

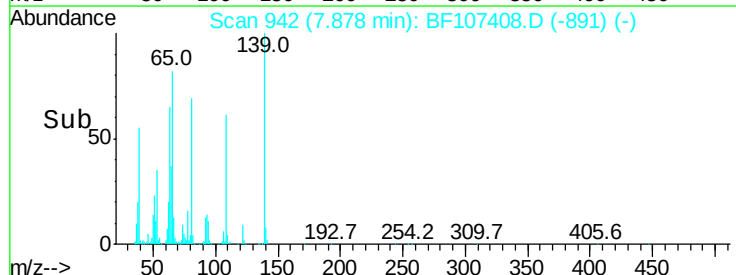
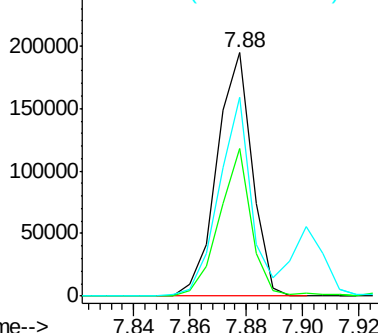
139 100

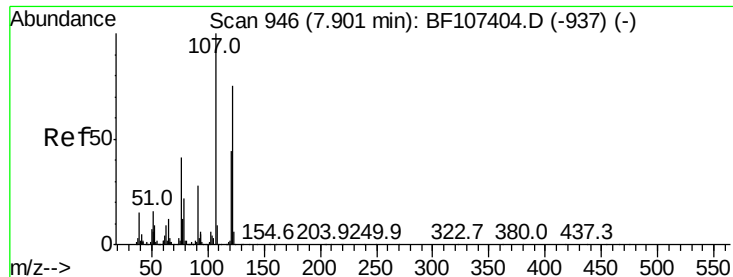
109 60.6 22.7 34.1#

65 81.6 40.5 60.7#



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





#27

2,4-Dimethylphenol

Concen: 38.899 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampled :

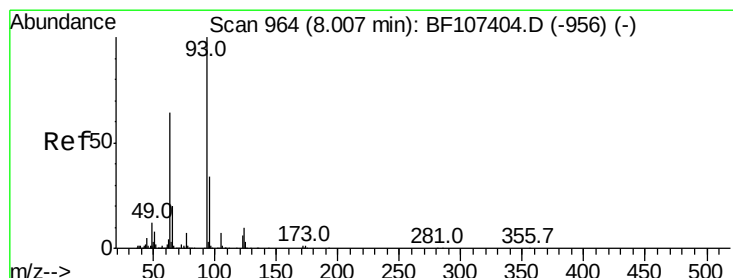
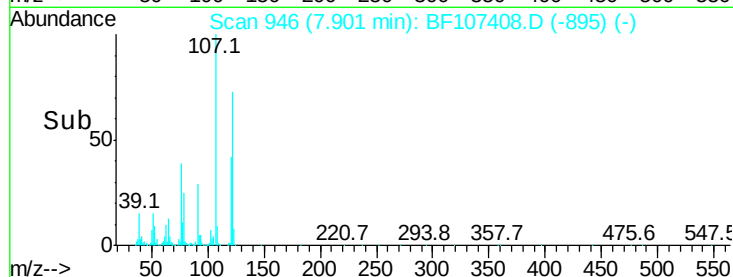
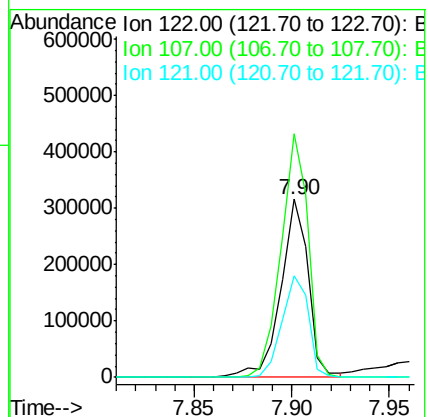
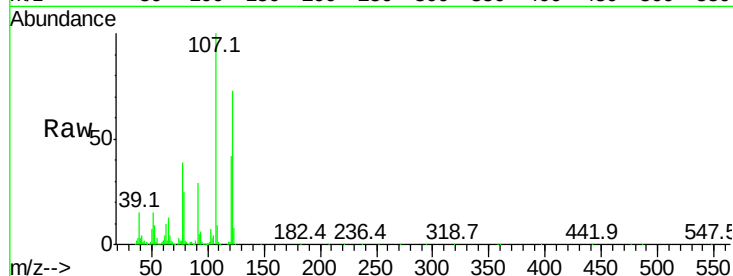
Tot Ion:122 Resp: 308449

Ion Ratio Lower Upper

122 100

107 136.7 91.2 136.8

121 57.3 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.693 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

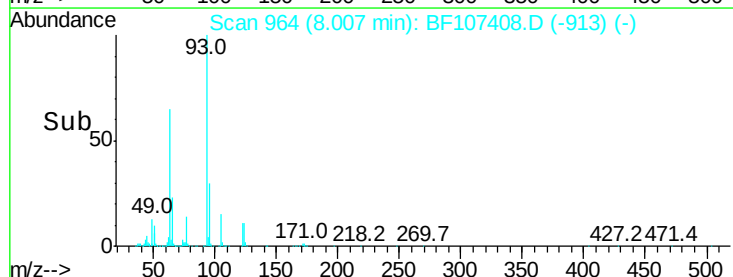
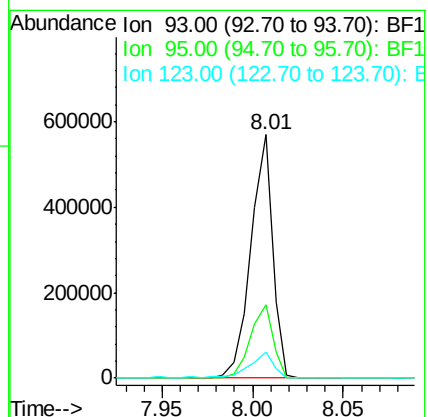
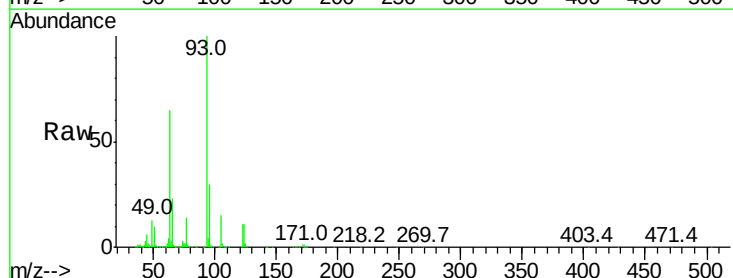
Tgt Ion: 93 Resp: 478096

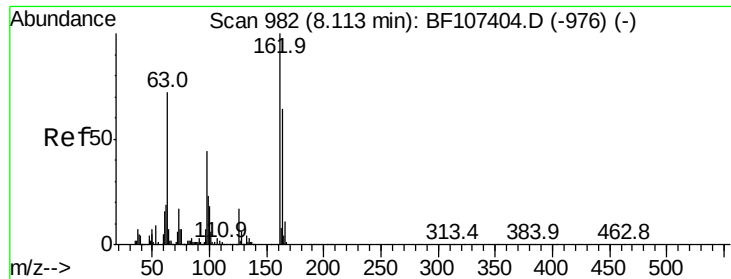
Ion Ratio Lower Upper

93 100

95 30.2 26.3 39.5

123 10.9 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 39.570 ng

RT: 8.11 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

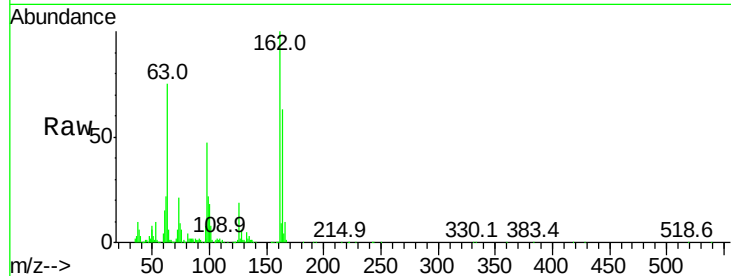
Tot Ion:162 Resp: 326514

Ion Ratio Lower Upper

162 100

164 63.3 42.7 82.7

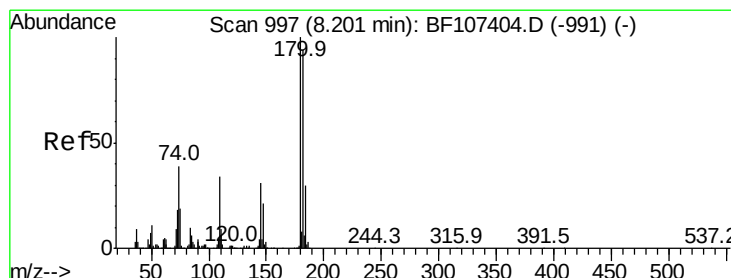
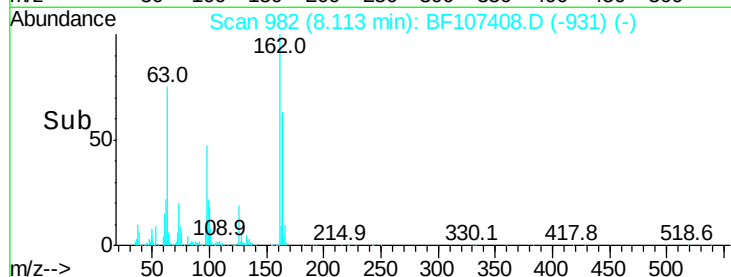
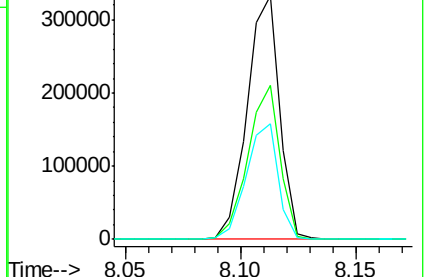
98 47.5 18.1 58.1



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: 37.281 ng

RT: 8.20 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

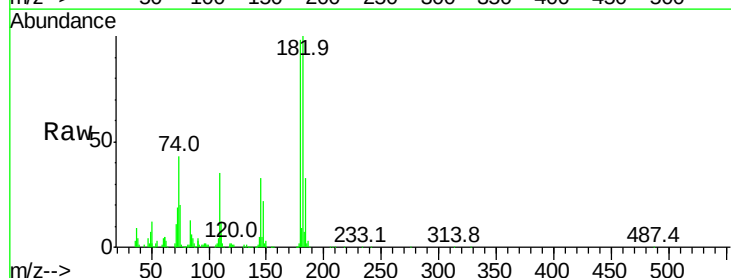
Tgt Ion:180 Resp: 372522

Ion Ratio Lower Upper

180 100

182 101.8 76.8 115.2

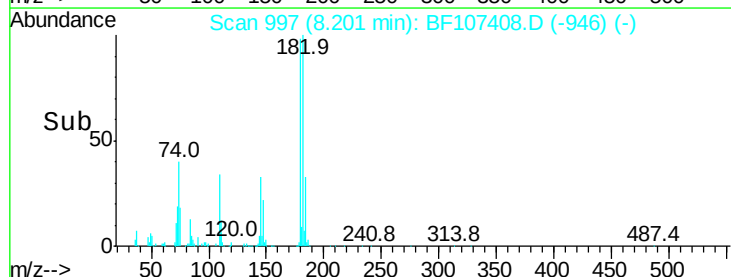
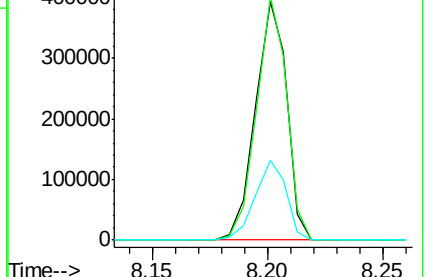
145 33.3 26.5 39.7

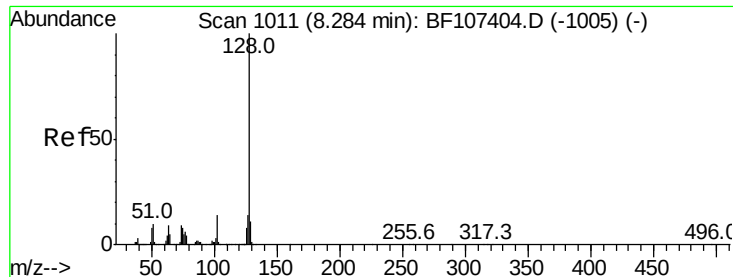


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.993 ng

RT: 8.29 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampled :

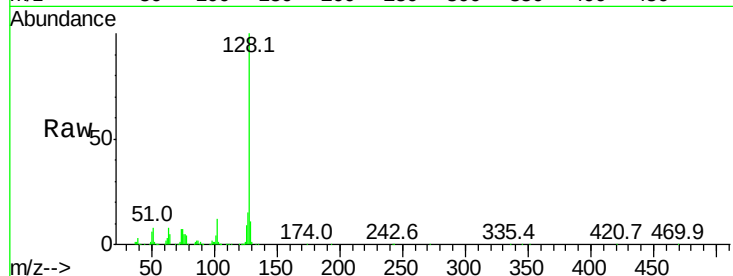
Tot Ion:128 Resp: 953762

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

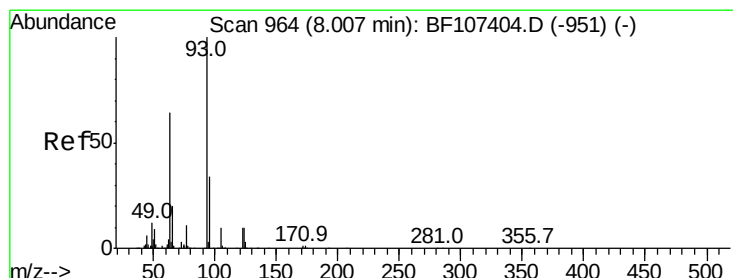
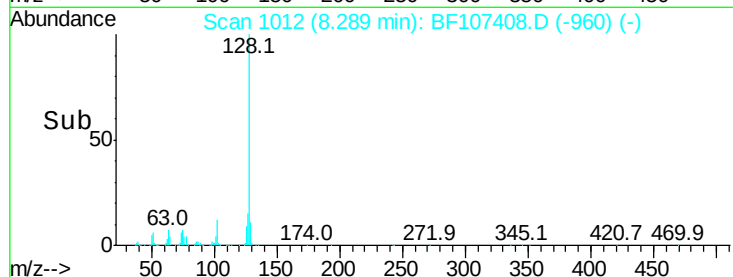
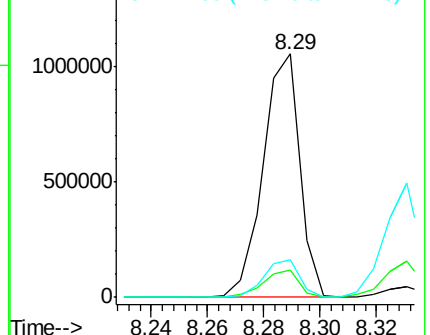
127 15.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.711 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

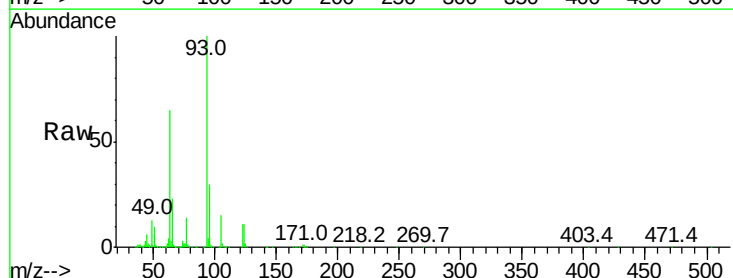
Tgt Ion:122 Resp: 217582

Ion Ratio Lower Upper

122 100

105 135.0 101.1 141.1

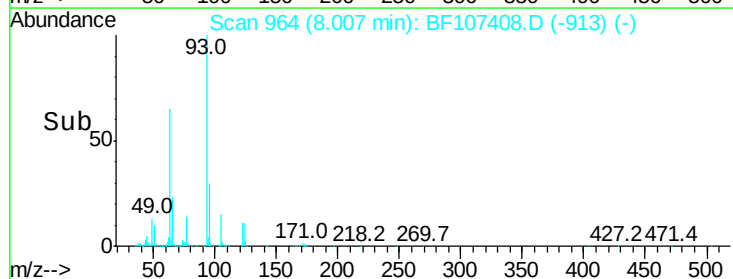
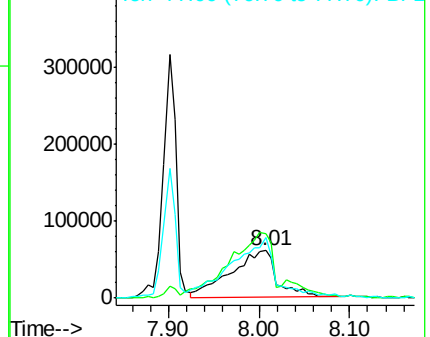
77 127.1 70.7 110.7#

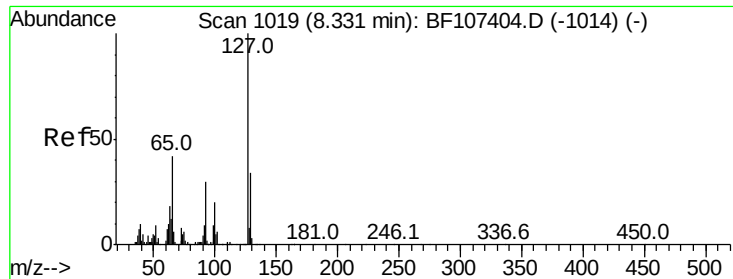


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

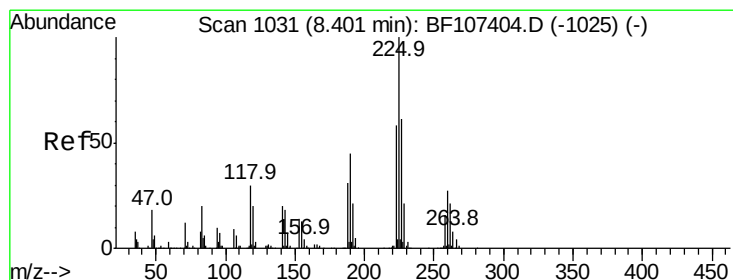
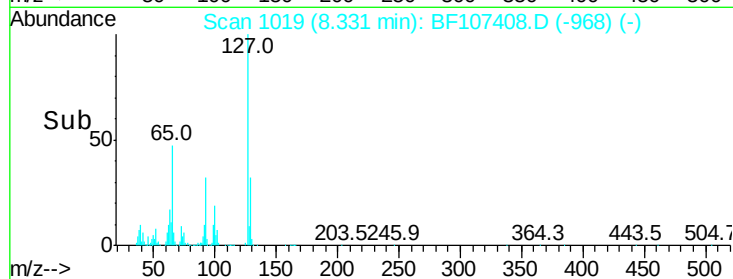
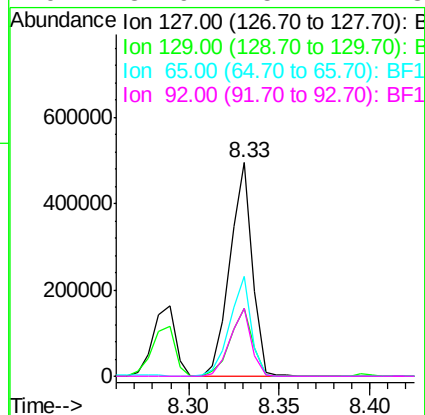
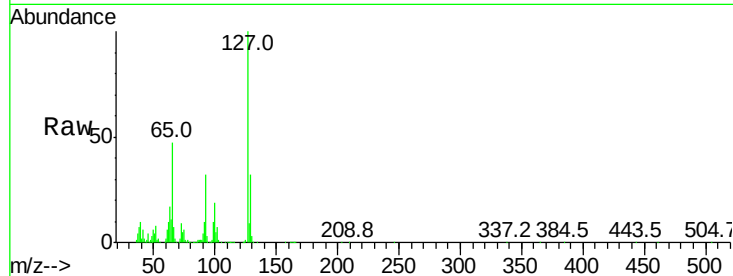




#33
4-Chloroaniline
Concen: 38.189 ng
RT: 8.33 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

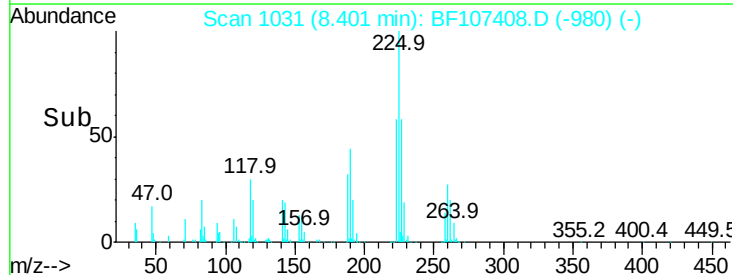
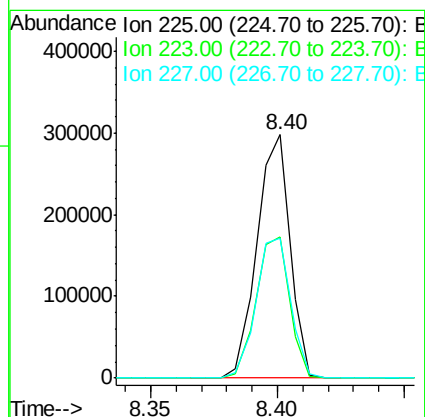
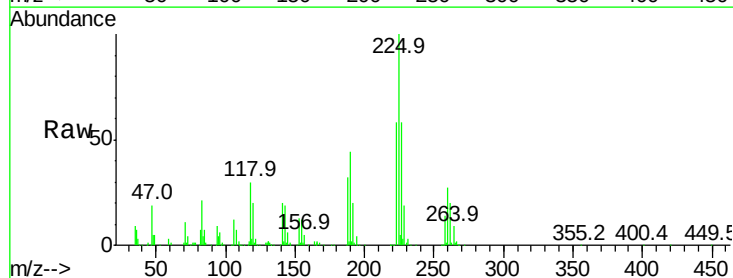
Instrument :
BNA_F
ClientSampleId :

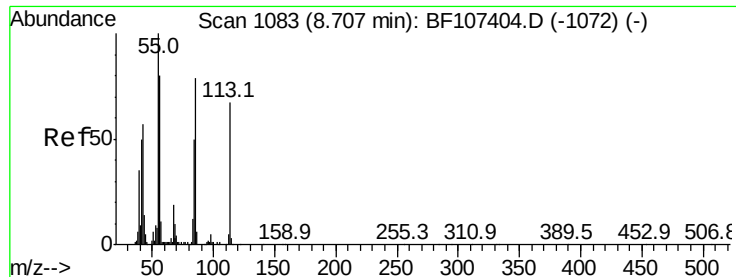
Tot Ion:127 Resp: 426404
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 47.1 25.0 37.4#
92 31.9 15.2 22.8#



#34
Hexachlorobutadiene
Concen: 40.662 ng
RT: 8.40 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion:225 Resp: 271871
Ion Ratio Lower Upper
225 100
223 58.1 50.6 76.0
227 57.6 51.9 77.9





#35

Caprolactam

Concen: 37.234 ng

RT: 8.70 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

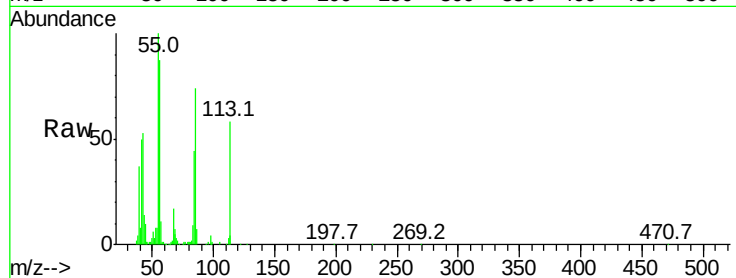
Tot Ion:113 Resp: 99942

Ion Ratio Lower Upper

113 100

55 173.7 163.3 203.3

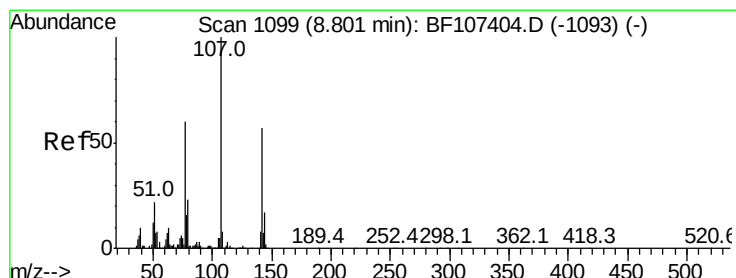
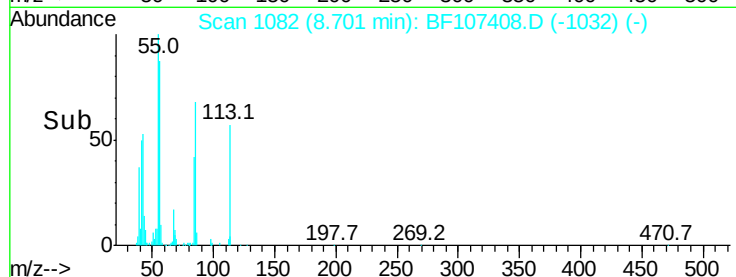
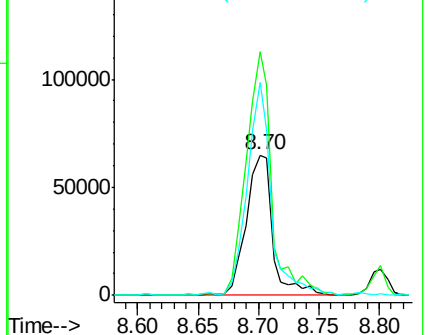
56 151.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.128 ng

RT: 8.80 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

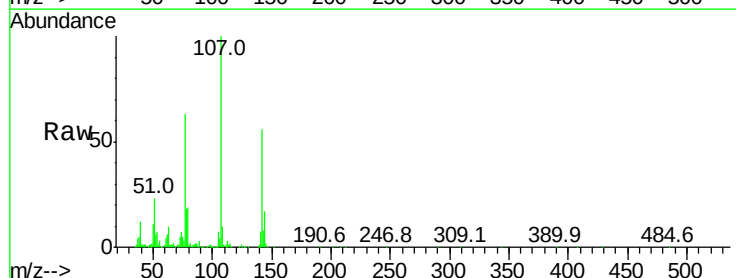
Tgt Ion:107 Resp: 421873

Ion Ratio Lower Upper

107 100

144 17.1 20.5 30.7#

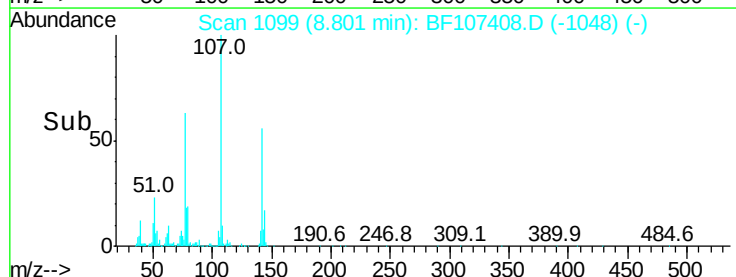
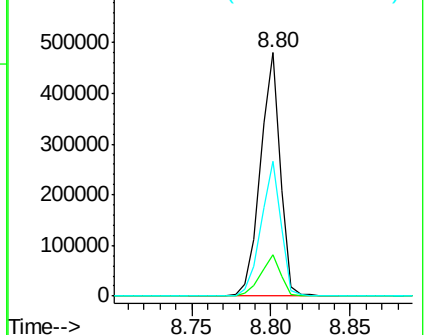
142 55.5 62.0 93.0#

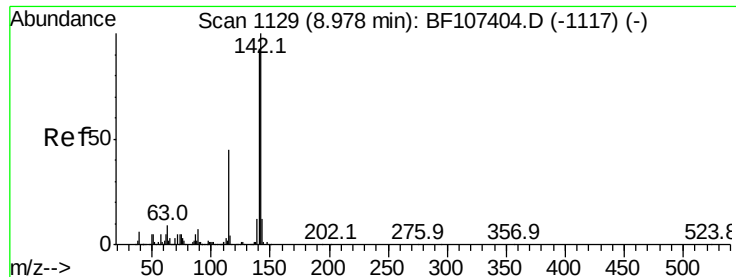


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.944 ng

RT: 8.98 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

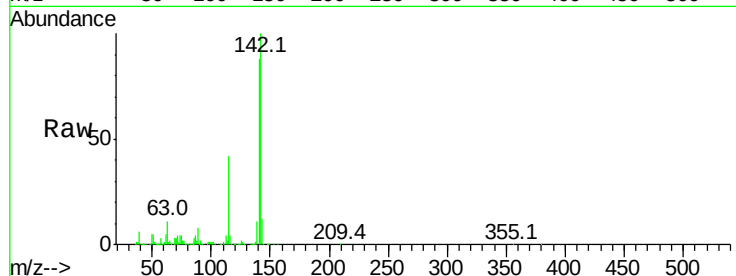
Tot Ion:142 Resp: 661829

Ion Ratio Lower Upper

142 100

141 87.7 70.8 106.2

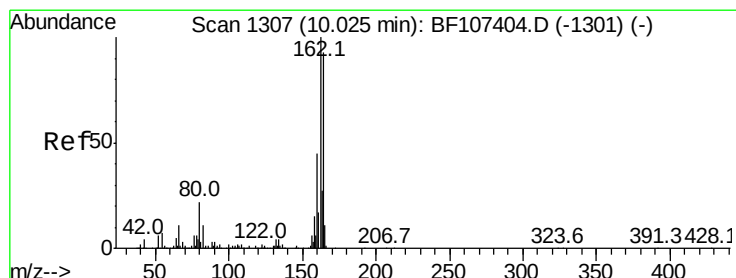
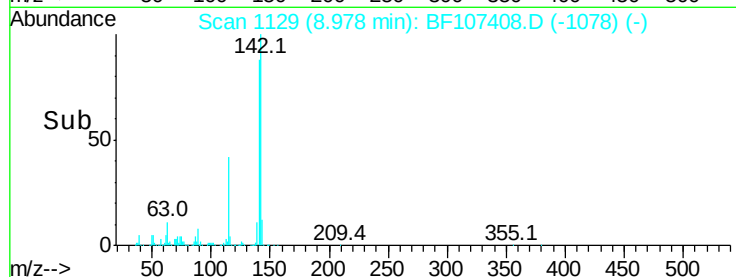
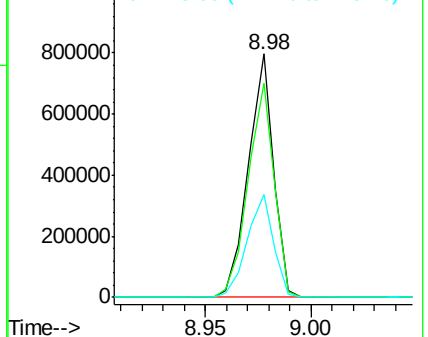
115 42.1 26.1 39.1#



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: BF107408.D

Acq: 16 Jul 2018 17:06

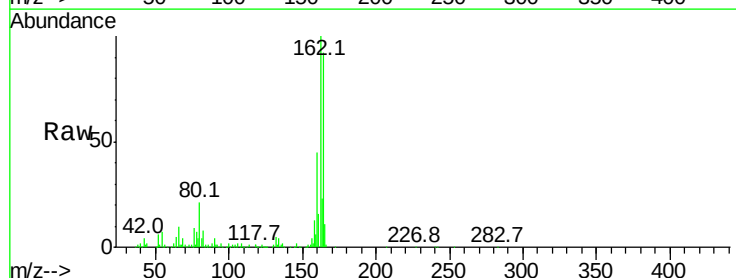
Tgt Ion:164 Resp: 298839

Ion Ratio Lower Upper

164 100

162 108.8 86.1 129.1

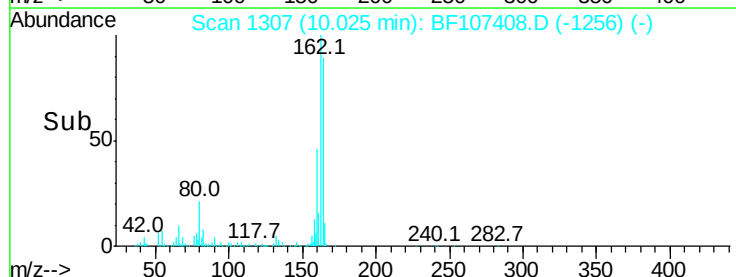
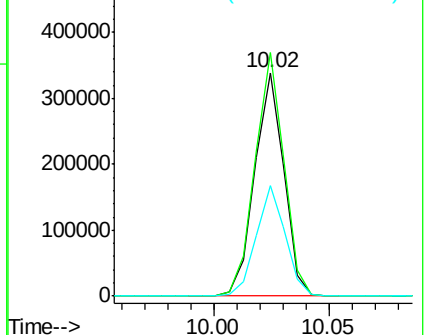
160 49.4 38.3 57.5

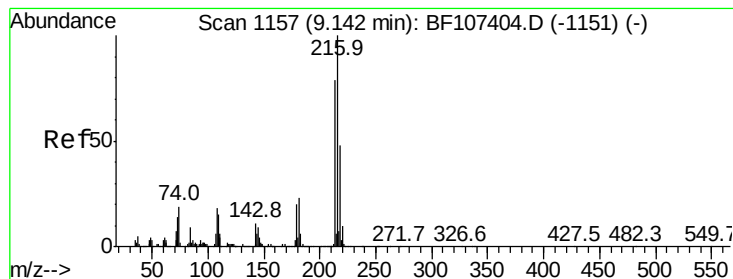


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.293 ng

RT: 9.14 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 410418

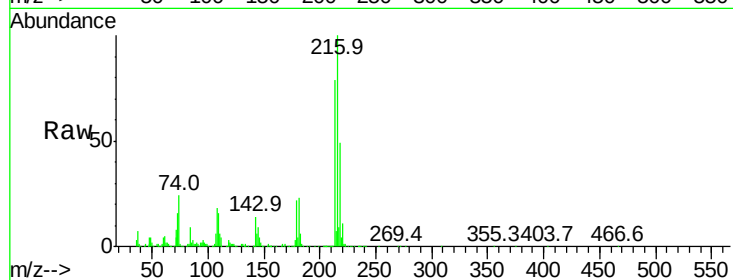
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 21.0 18.1 27.1

108 22.2 17.2 25.8

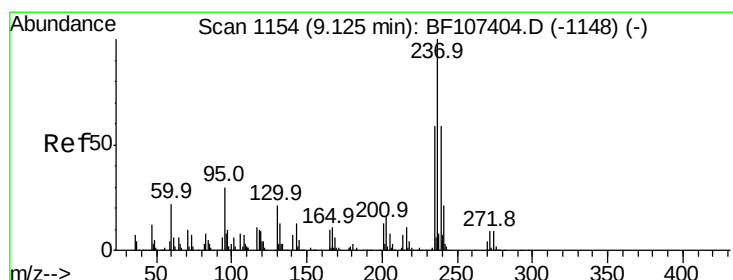
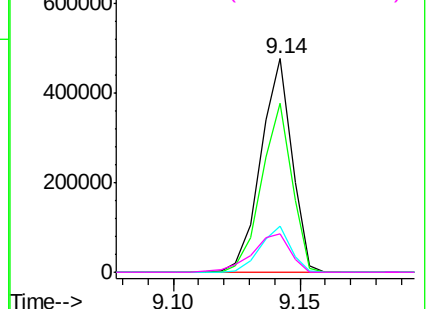
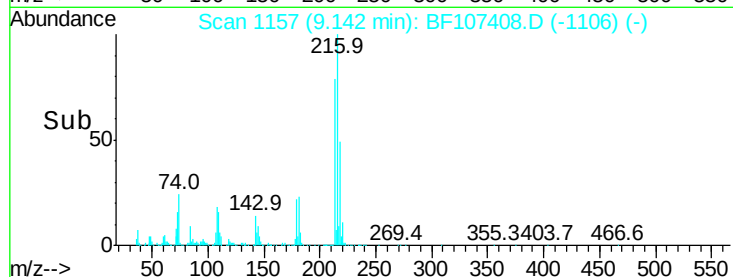


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.508 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

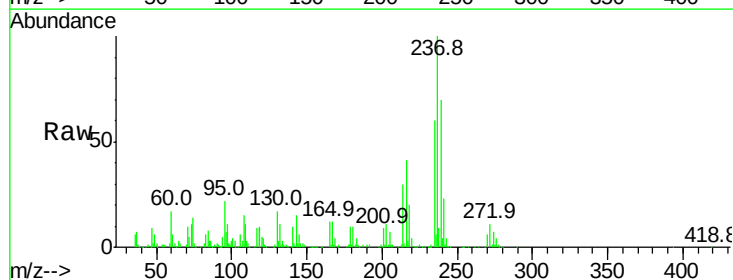
Tgt Ion:237 Resp: 239967

Ion Ratio Lower Upper

237 100

235 59.9 44.8 84.8

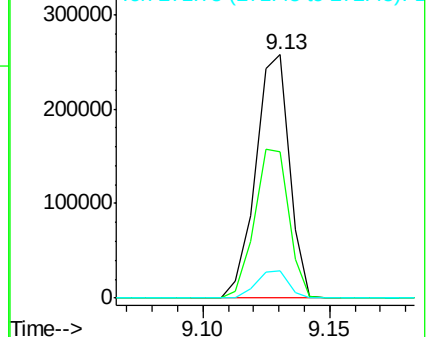
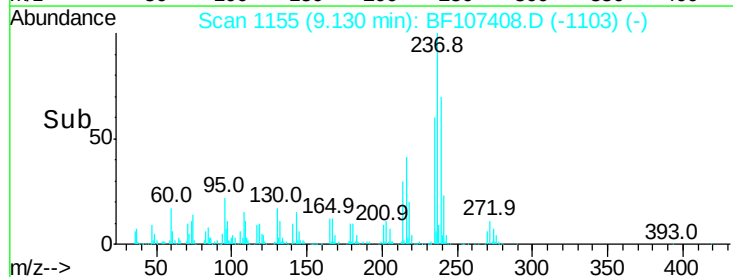
272 11.0 0.0 33.3

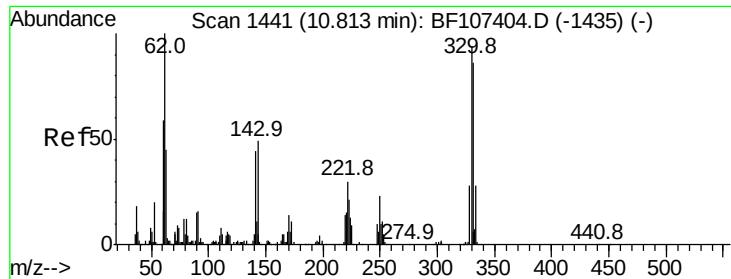


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 73.656 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

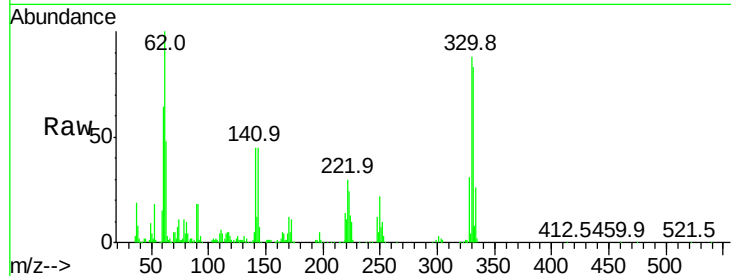
Tot Ion:330 Resp: 193396

Ion Ratio Lower Upper

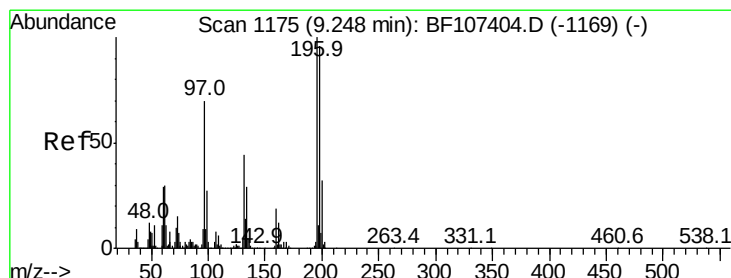
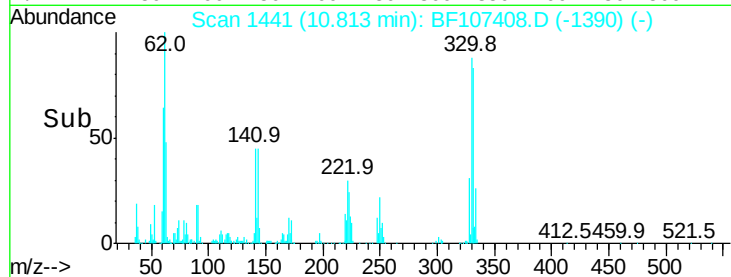
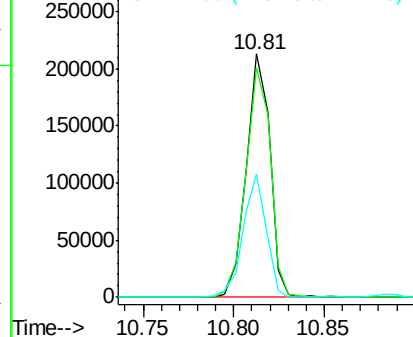
330 100

332 98.3 77.0 115.6

141 49.7 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: 36.978 ng

RT: 9.25 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

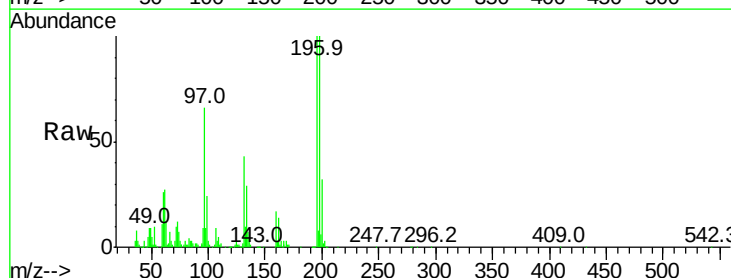
Tgt Ion:196 Resp: 268434

Ion Ratio Lower Upper

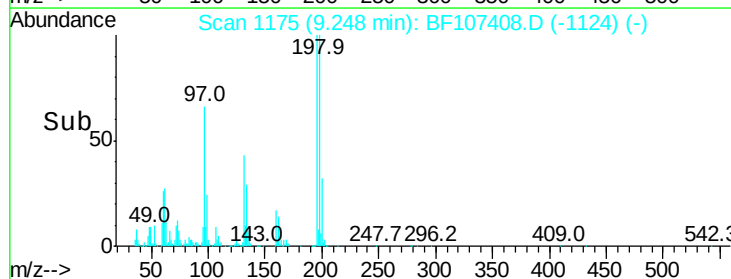
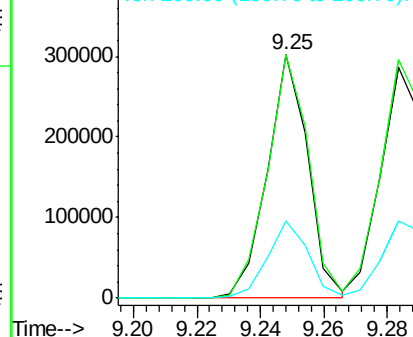
196 100

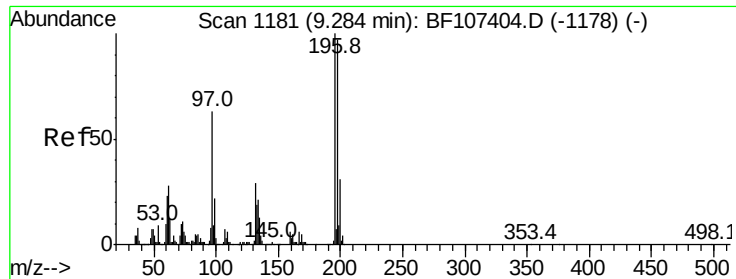
198 100.0 75.7 113.5

200 31.6 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

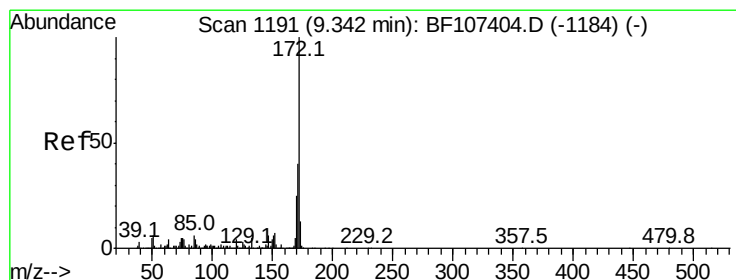
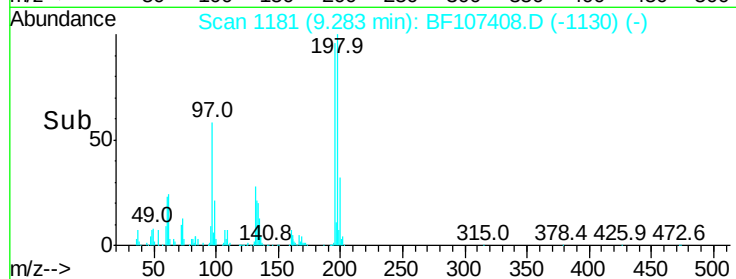
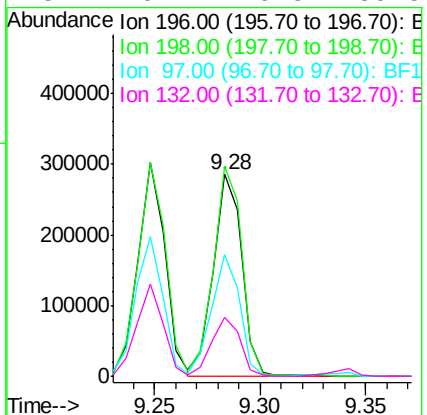
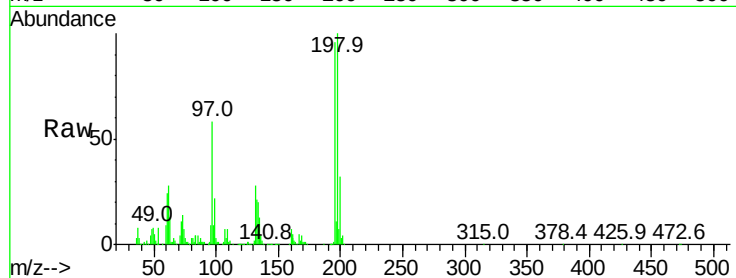




#43
2,4,5-Trichlorophenol
Concen: 38.664 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

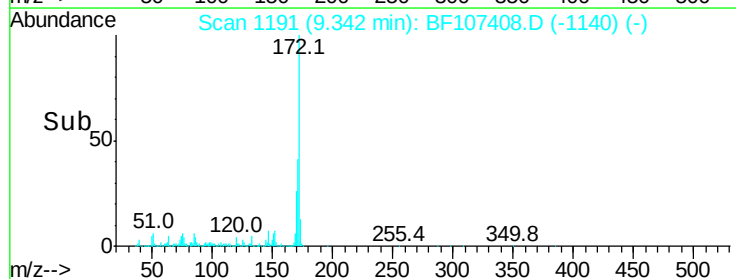
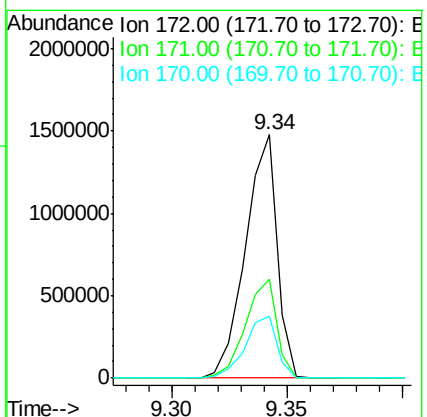
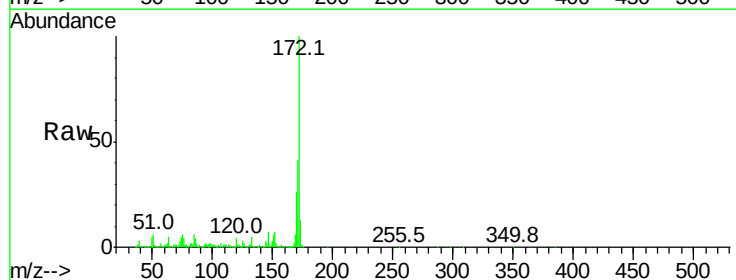
Instrument :
BNA_F
ClientSampleId :

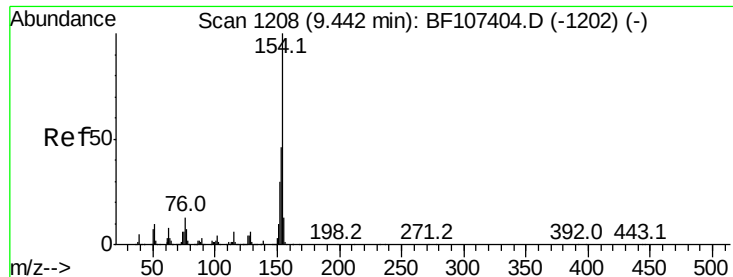
Tot Ion	Ratio	Lower	Upper
196	100		
198	103.8	74.6	112.0
97	60.4	42.9	64.3
132	29.4	26.3	39.5



#44
2-Fluorobiphenyl
Concen: 78.064 ng
RT: 9.34 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	29.7	44.5
170	25.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 34.163 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampled :

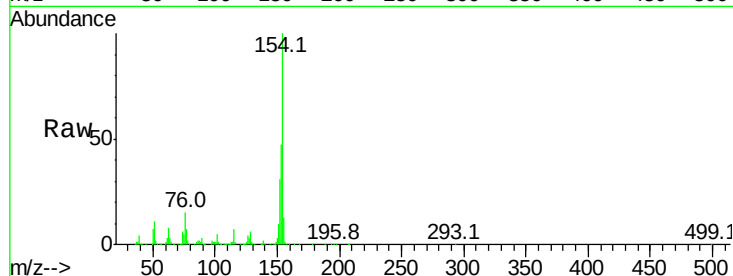
Tot Ion:154 Resp: 882694

Ion Ratio Lower Upper

154 100

153 47.1 21.3 61.3

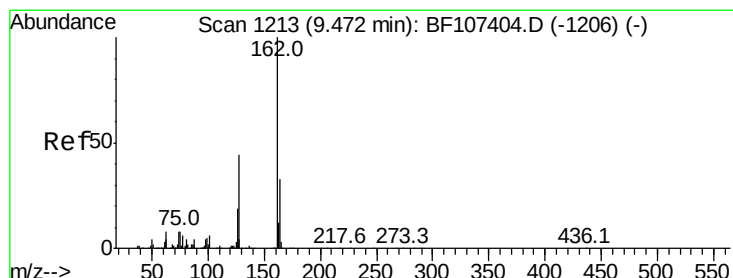
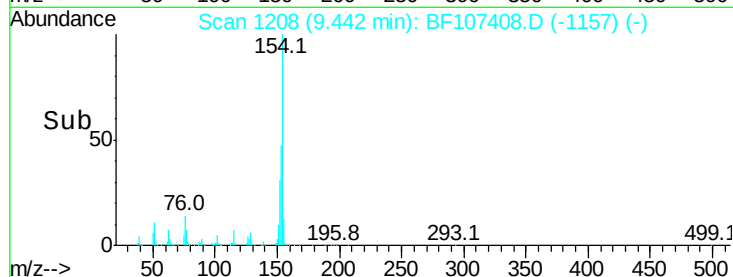
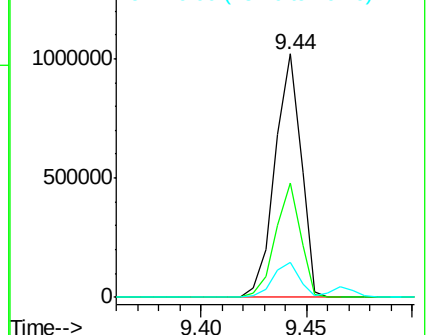
76 14.5 0.0 34.0



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: 35.419 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

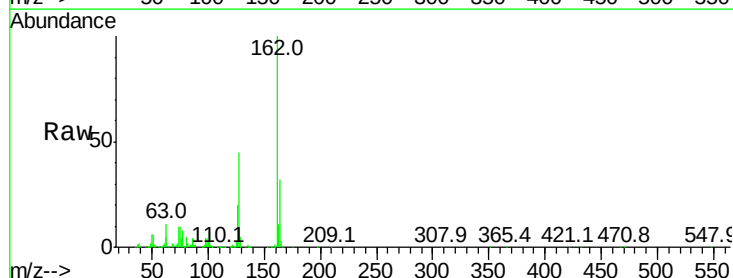
Tgt Ion:162 Resp: 722787

Ion Ratio Lower Upper

162 100

127 45.3 33.9 50.9

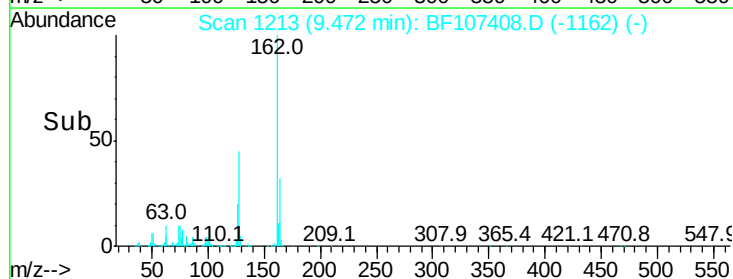
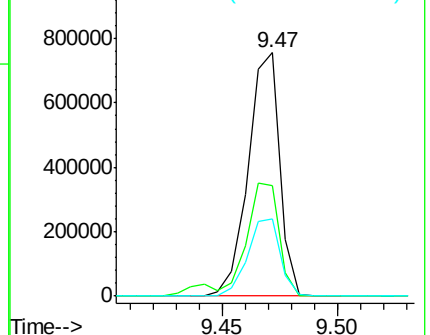
164 31.9 26.5 39.7

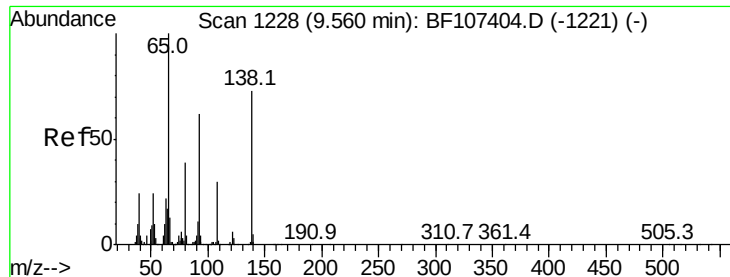


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

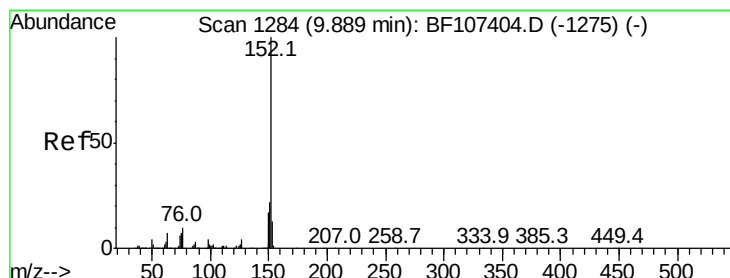
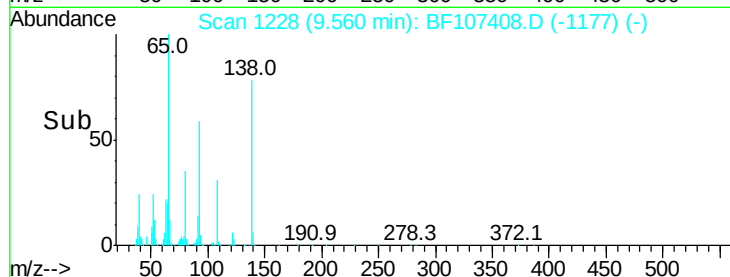
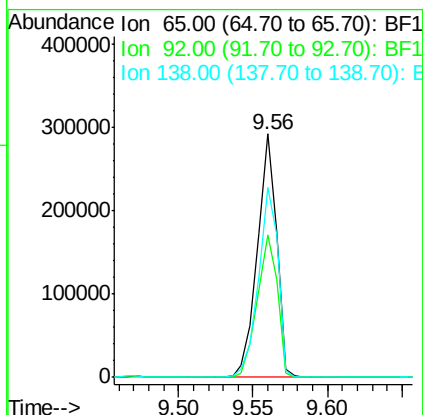
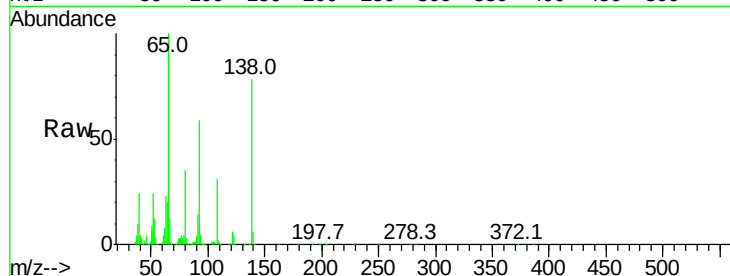




#47
2-Nitroaniline
Concen: 41.301 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

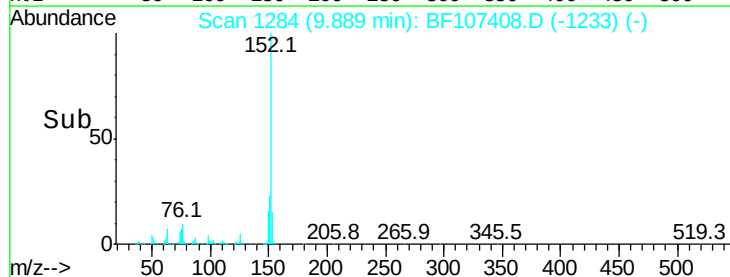
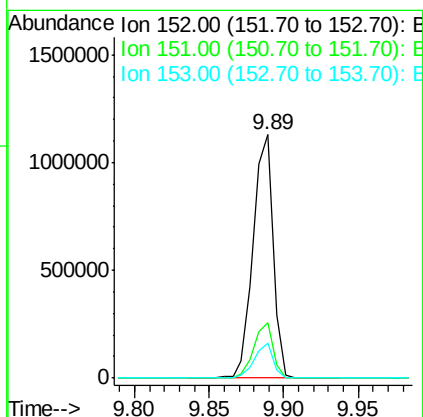
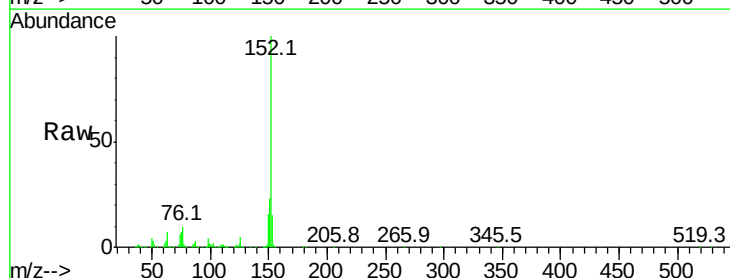
Instrument :
BNA_F
ClientSampleId :

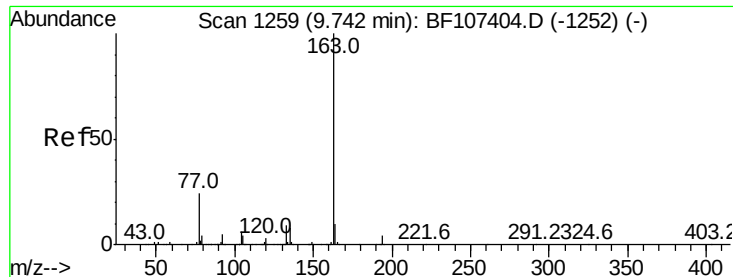
Tot Ion: 65 Resp: 257925
Ion Ratio Lower Upper
65 100
92 58.6 55.8 83.6
138 78.2 91.2 136.8#



#48
Acenaphthylene
Concen: 36.640 ng
RT: 9.89 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion: 152 Resp: 1043475
Ion Ratio Lower Upper
152 100
151 22.8 16.3 24.5
153 14.6 10.7 16.1





#49

Dimethylphthalate

Concen: 36.378 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

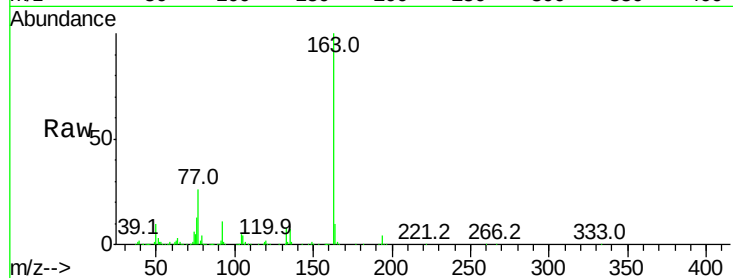
Tot Ion:163 Resp: 863763

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

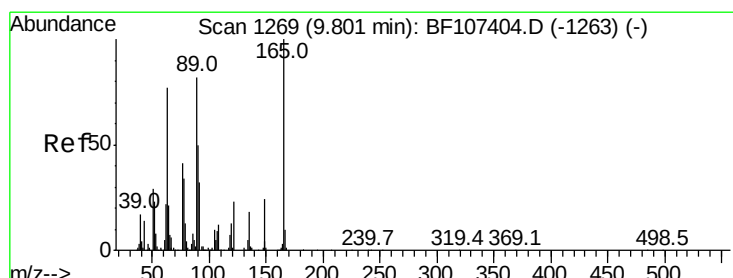
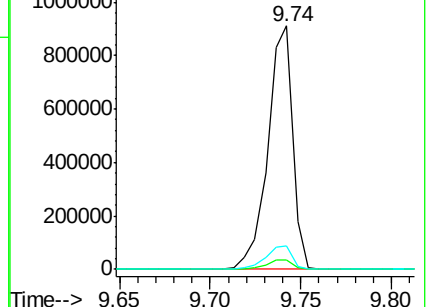
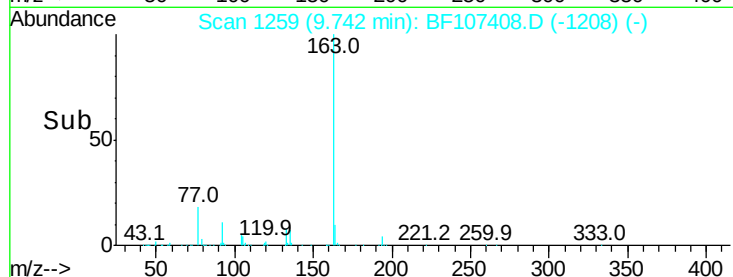
164 9.8 8.2 12.2



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: 40.220 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

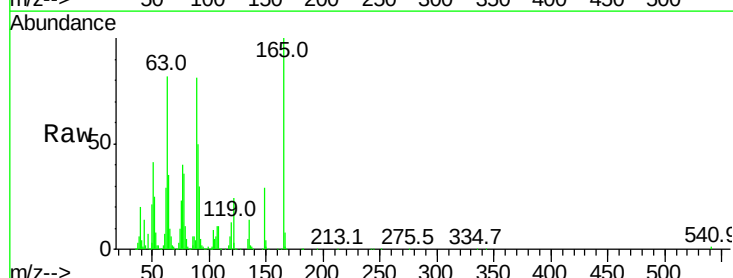
Tgt Ion:165 Resp: 182230

Ion Ratio Lower Upper

165 100

63 82.1 44.7 67.1#

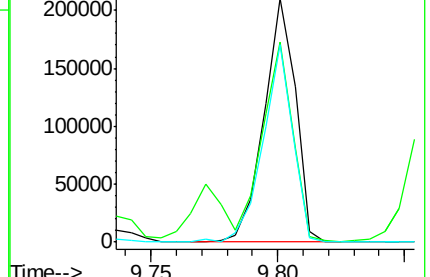
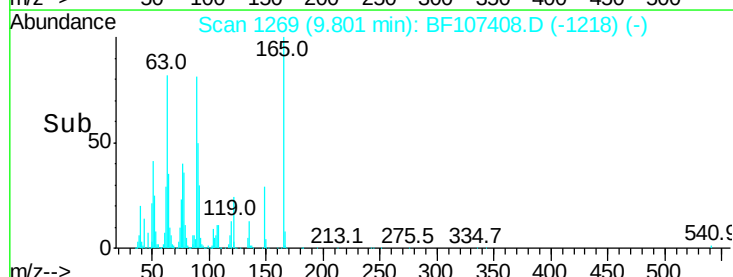
89 81.0 44.0 66.0#

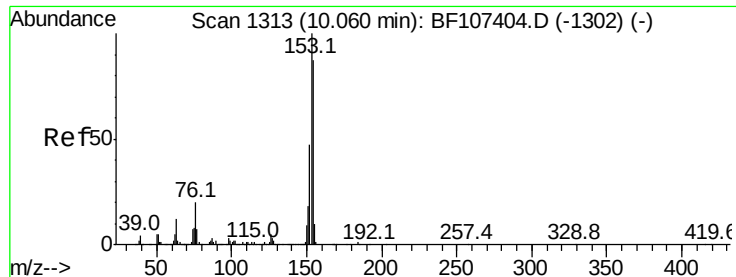


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.243 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

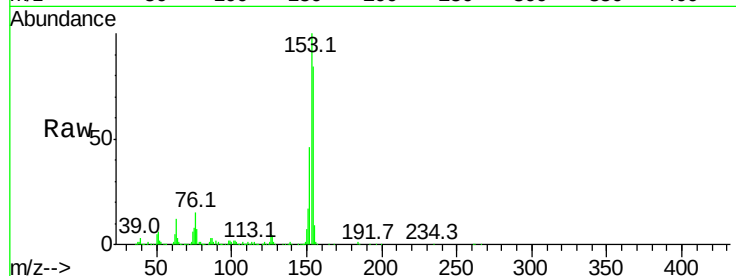
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 665356

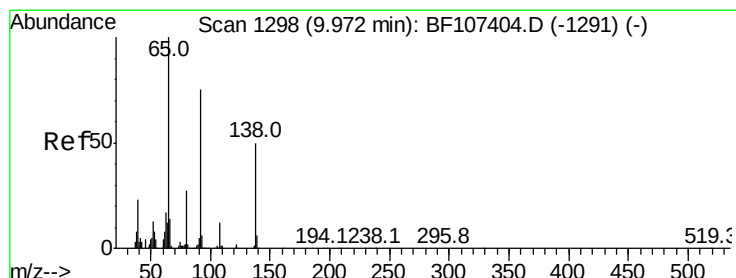
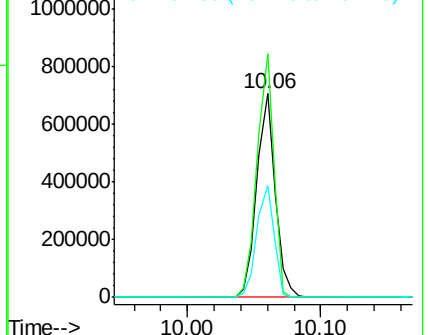
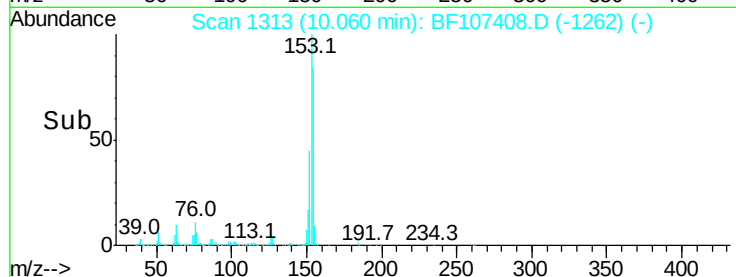
Ion	Ratio	Lower	Upper
154	100		
153	119.7	91.2	136.8
152	54.8	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.530 ng

RT: 9.97 min Scan# 1298

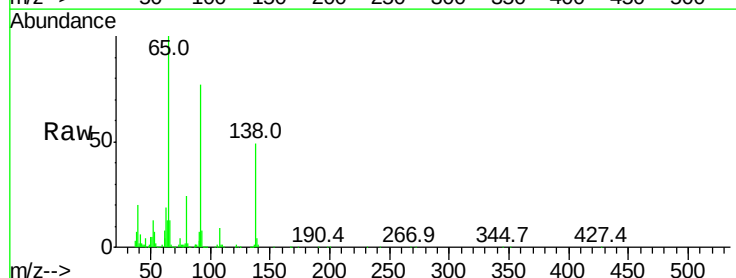
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:138 Resp: 183367

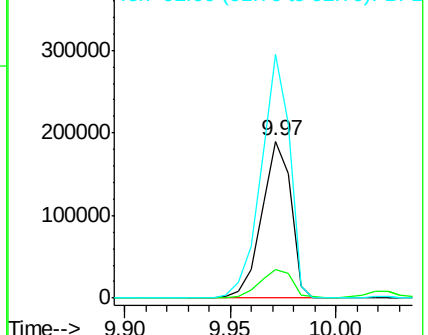
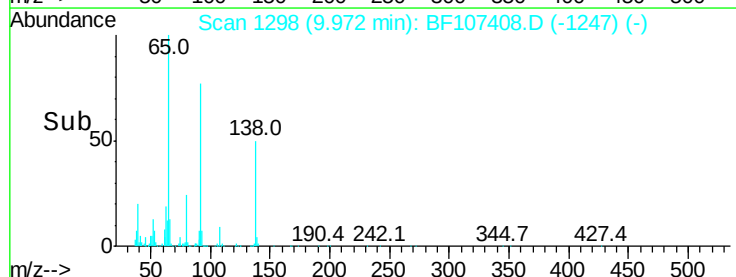
Ion	Ratio	Lower	Upper
138	100		
108	18.0	9.4	14.0#
92	155.1	89.4	134.2#

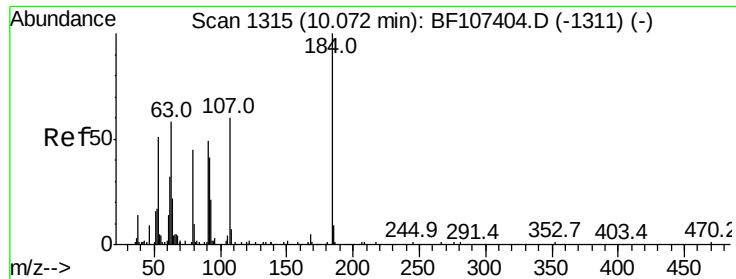


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 43.349 ng

RT: 10.07 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

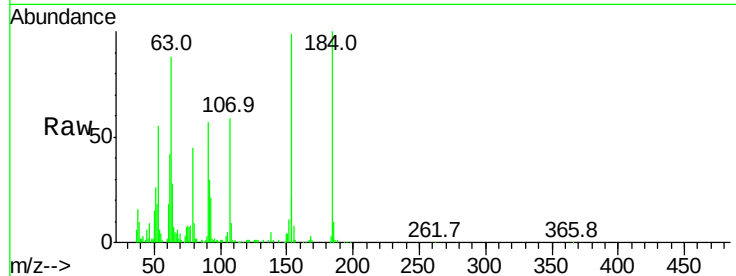
Tot Ion:184 Resp: 70149

Ion Ratio Lower Upper

184 100

63 87.5 54.2 81.2#

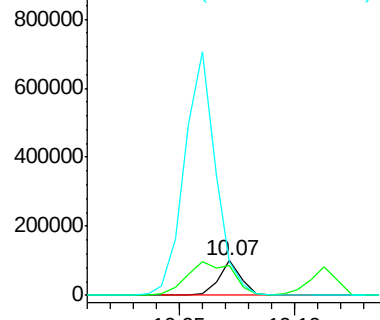
154 99.1 184.0 276.0#



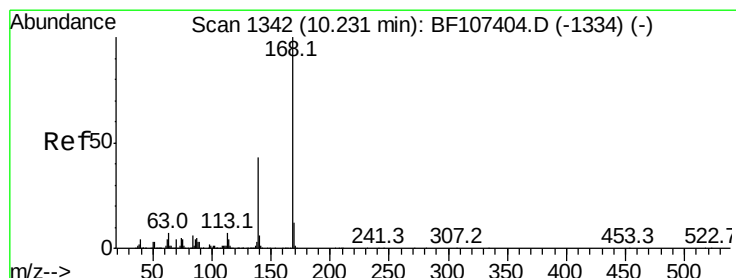
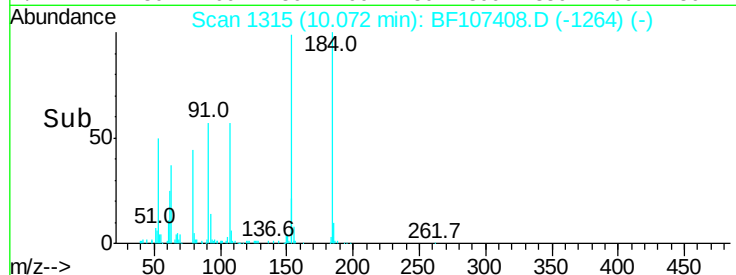
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



Time-->



#54

Dibenzofuran

Concen: 35.025 ng

RT: 10.23 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

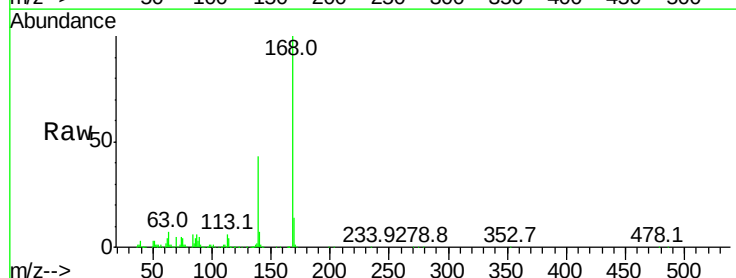
Tgt Ion:168 Resp: 1021837

Ion Ratio Lower Upper

168 100

139 43.1 30.1 45.1

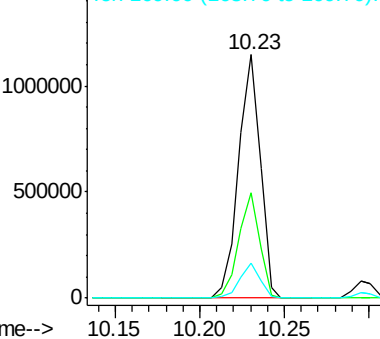
169 14.3 10.9 16.3



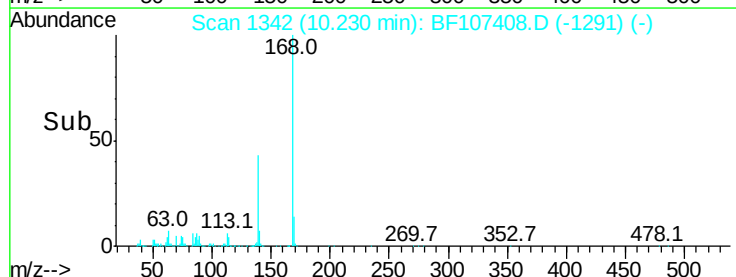
Abundance Ion 168.00 (167.70 to 168.70): E

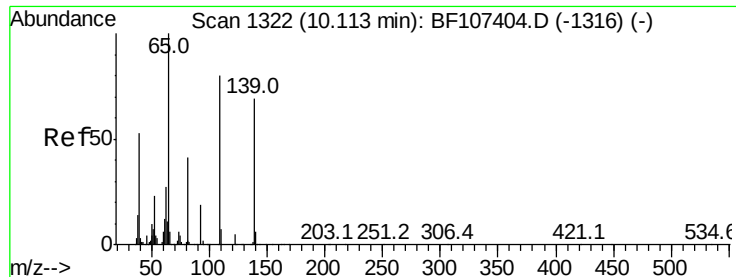
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->





#55

4-Nitrophenol

Concen: 40.000 ng

RT: 10.11 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

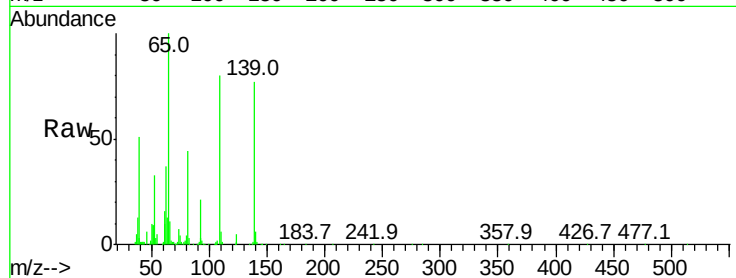
Tot Ion:139 Resp: 154038

Ion Ratio Lower Upper

139 100

109 104.3 48.4 88.4#

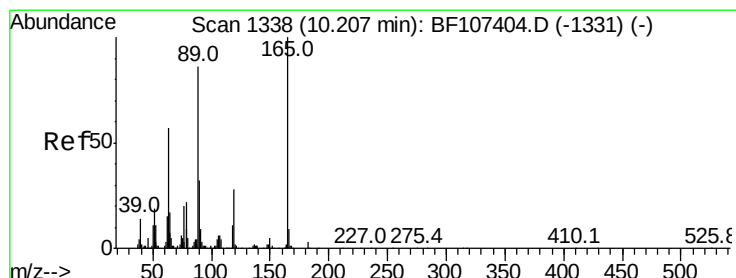
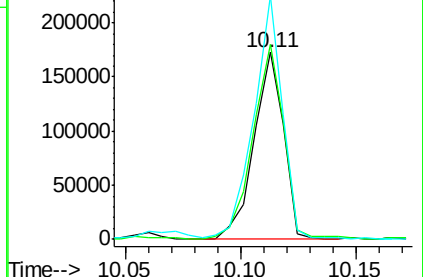
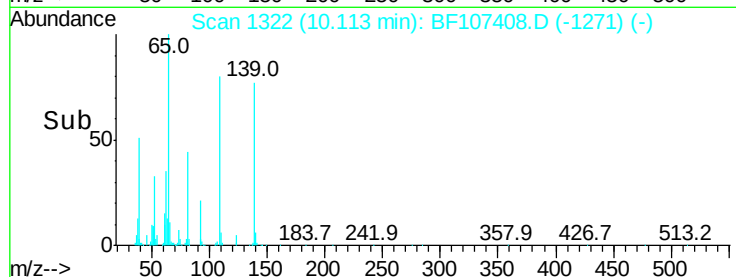
65 130.3 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 41.609 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:165 Resp: 245727

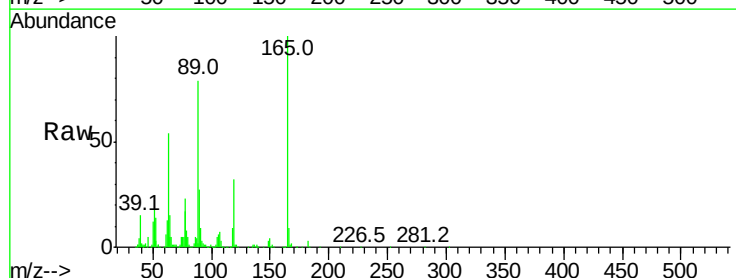
Ion Ratio Lower Upper

165 100

63 54.3 36.4 54.6

89 79.0 57.8 86.6

182 3.3 1.6 2.4#

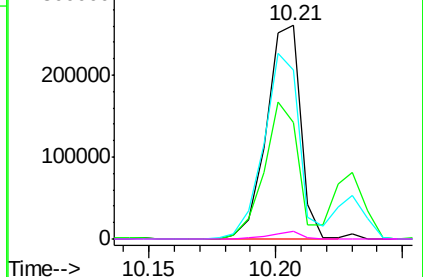
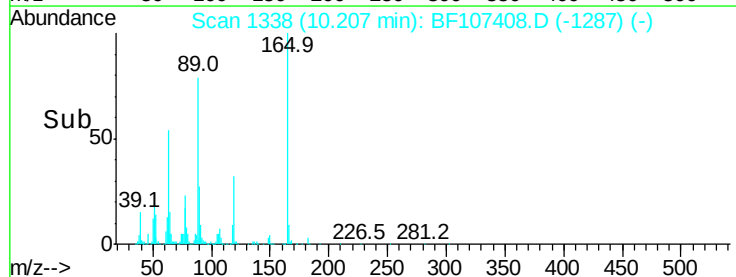


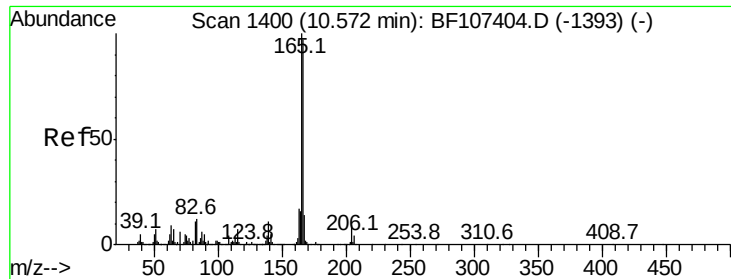
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.144 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

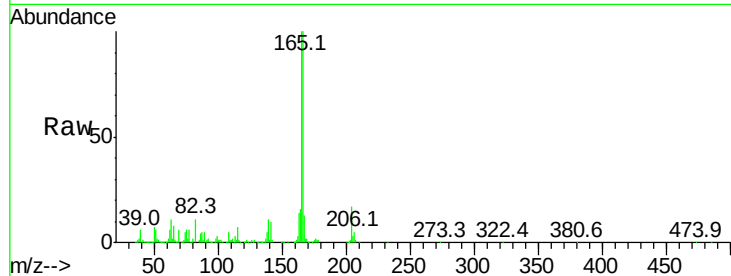
Tot Ion:166 Resp: 679052

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

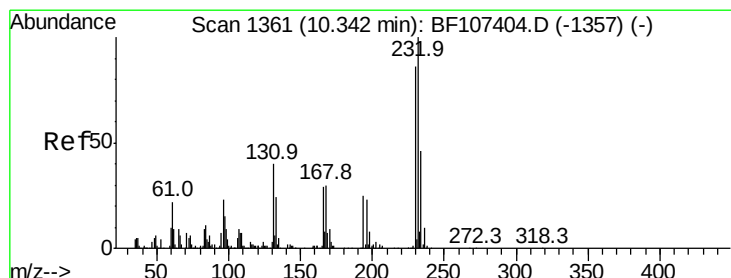
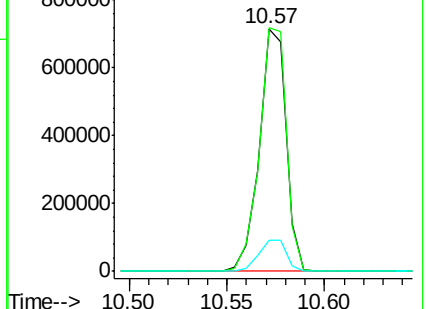
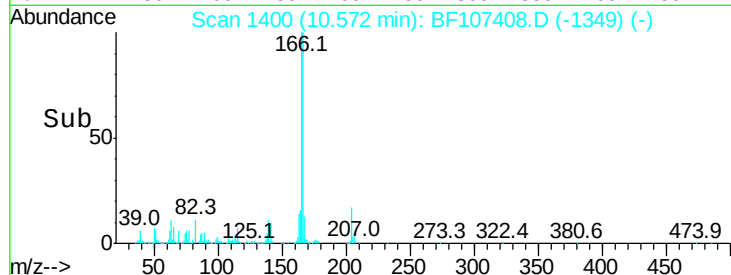
167 12.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.278 ng

RT: 10.34 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:232 Resp: 237309

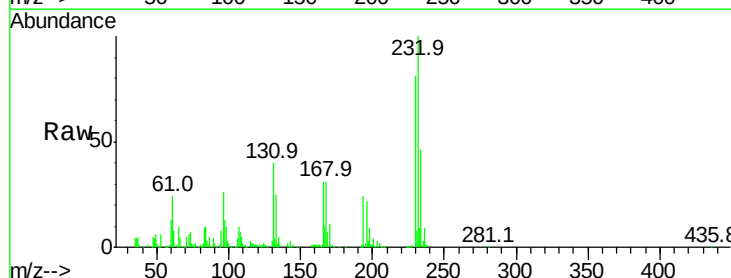
Ion Ratio Lower Upper

232 100

131 43.7 43.8 65.8#

130 3.6 2.1 3.1#

166 33.0 27.8 41.6

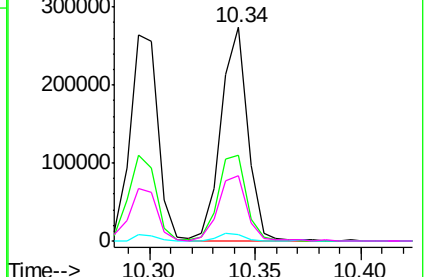
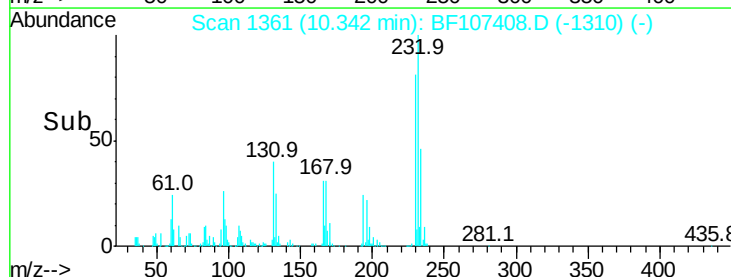


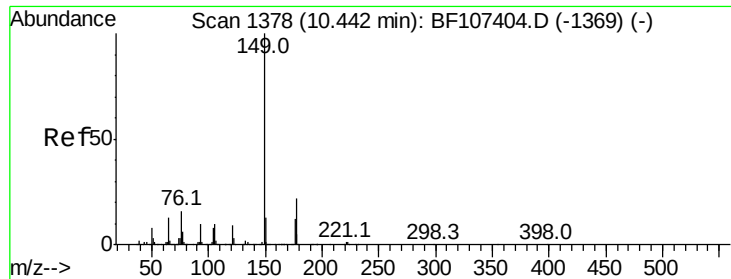
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

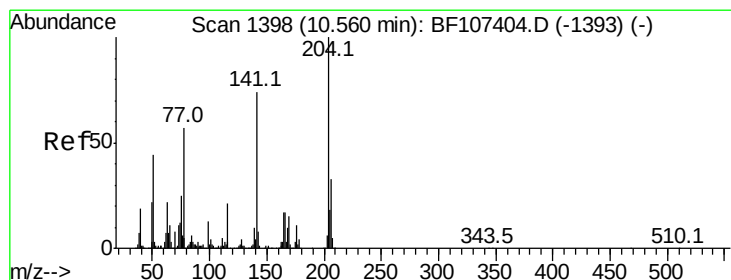
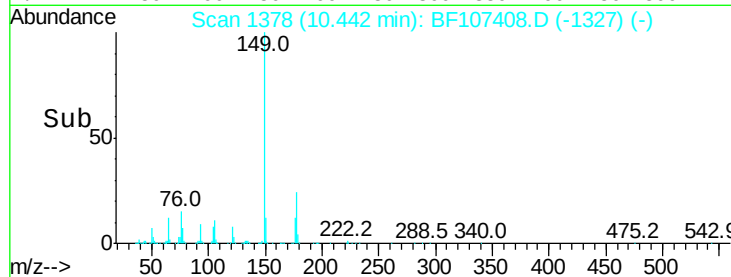
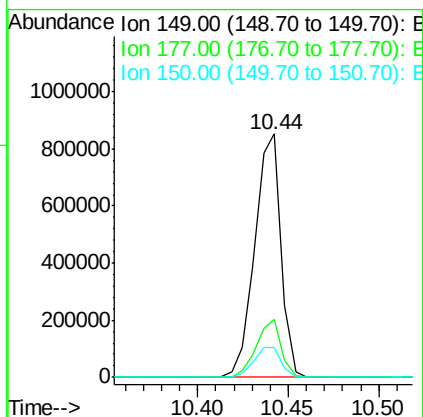
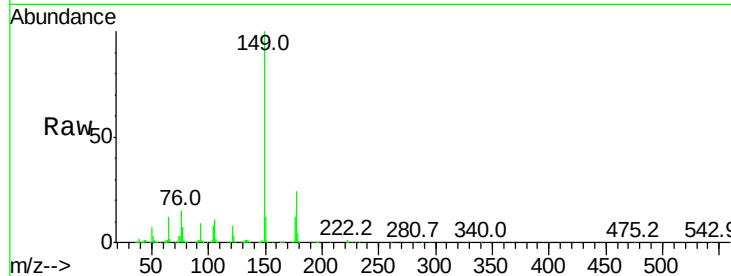




#59
Diethylphthalate
Concen: 37.079 ng
RT: 10.44 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

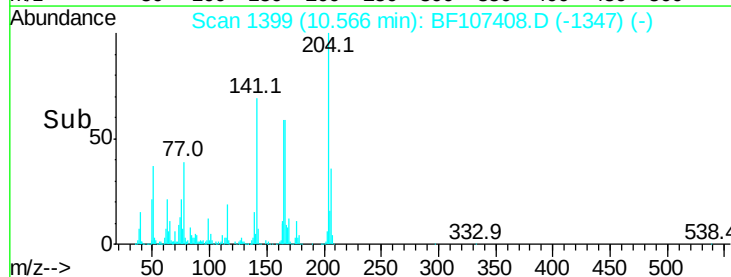
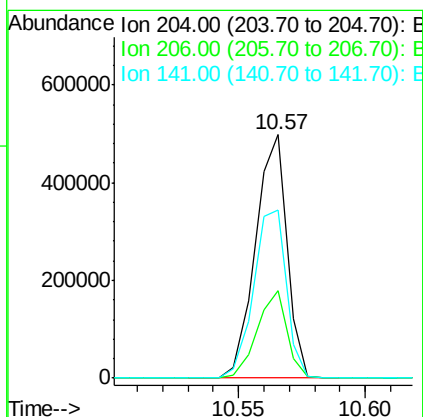
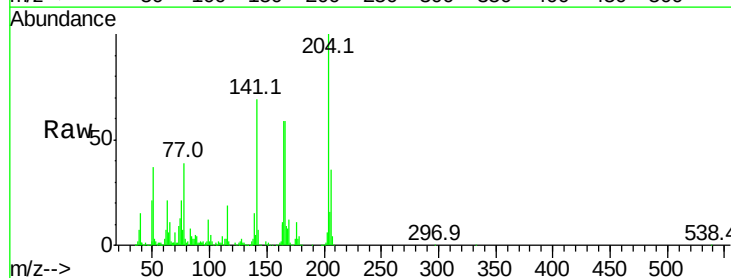
Instrument :
BNA_F
ClientSampleId :

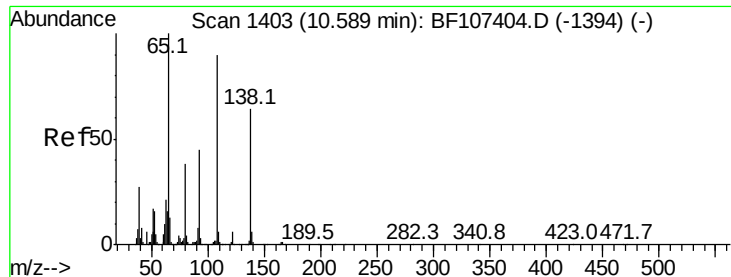
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	16.1	24.1
150	12.3	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.589 ng
RT: 10.57 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.0	26.5	39.7
141	69.2	54.6	81.8





#61

4-Nitroaniline

Concen: 39.535 ng

RT: 10.59 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

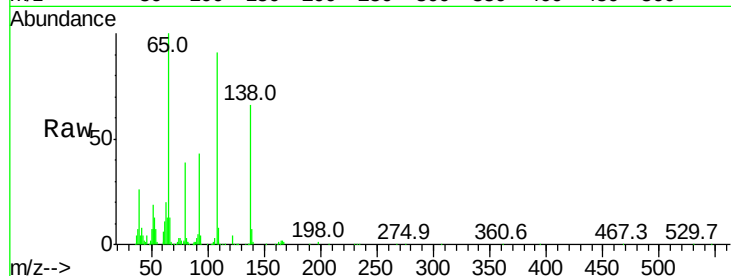
Tot Ion:138 Resp: 179056

Ion Ratio Lower Upper

138 100

92 65.5 30.2 70.2

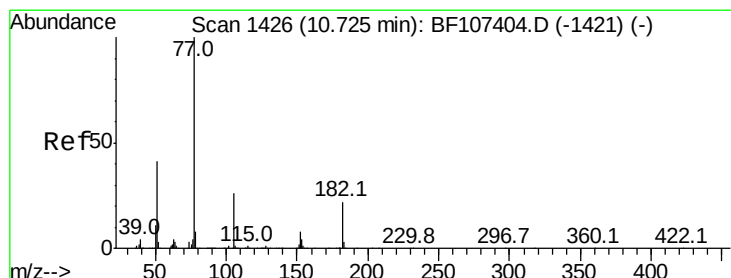
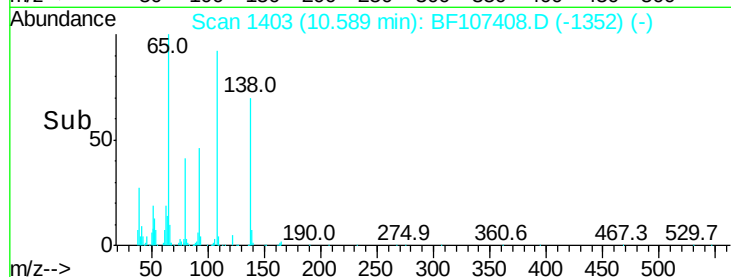
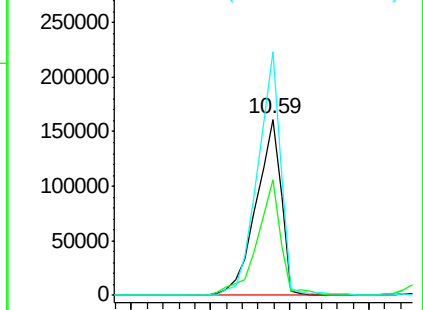
108 138.3 52.5 92.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.707 ng

RT: 10.72 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion: 77 Resp: 994337

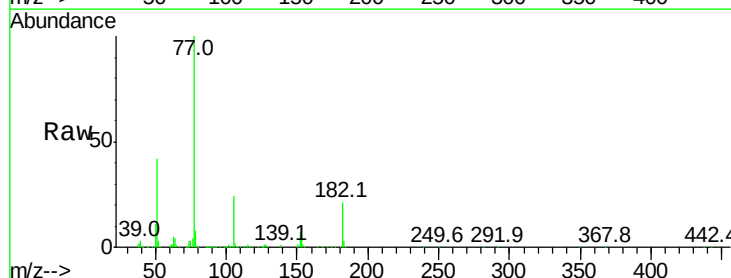
Ion Ratio Lower Upper

77 100

182 20.6 1.7 41.7

105 24.2 3.0 43.0

51 42.2 9.9 49.9

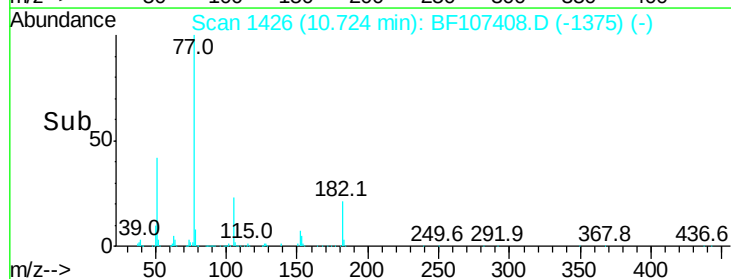
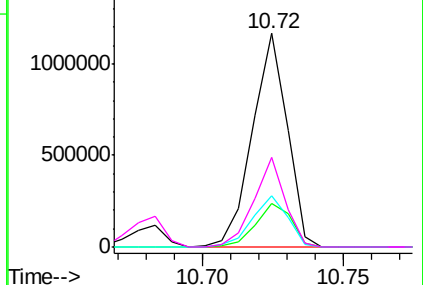


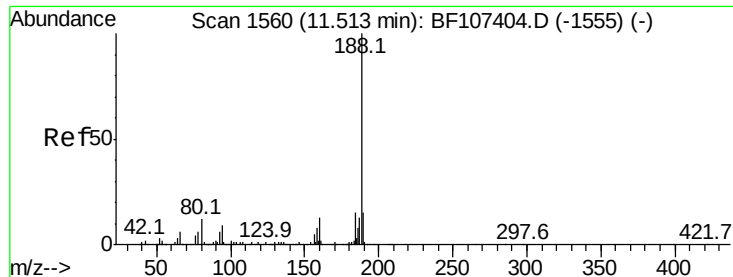
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

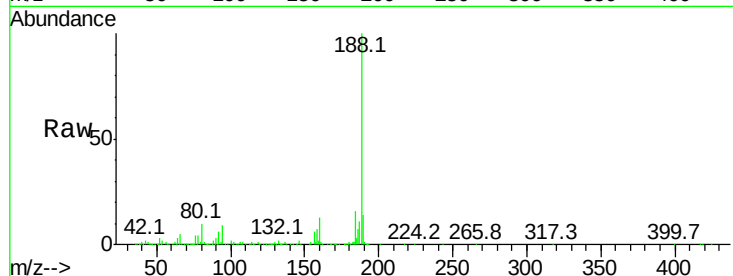
Tot Ion:188 Resp: 617378

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

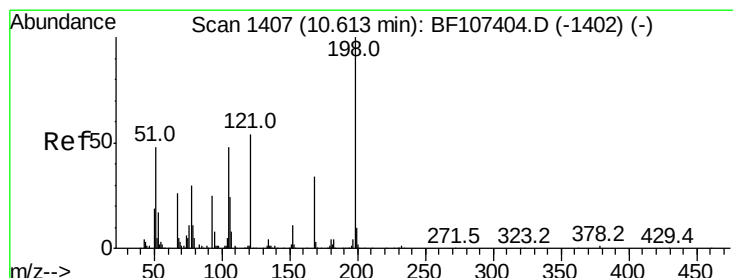
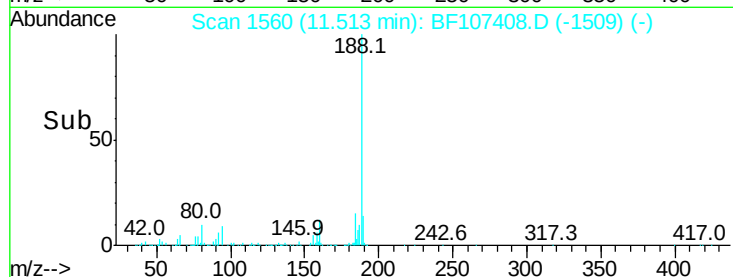
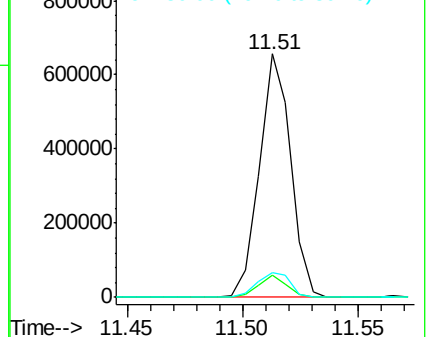
80 10.4 9.2 13.8



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: 43.402 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

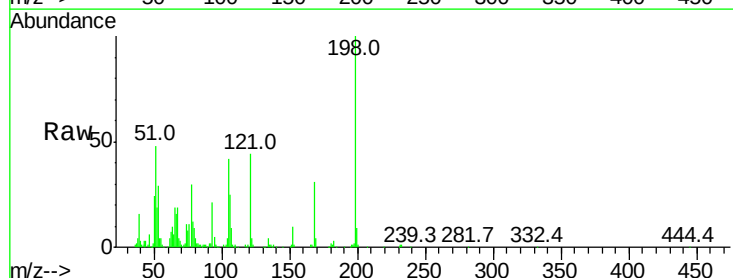
Tgt Ion:198 Resp: 140784

Ion Ratio Lower Upper

198 100

51 47.5 37.7 77.7

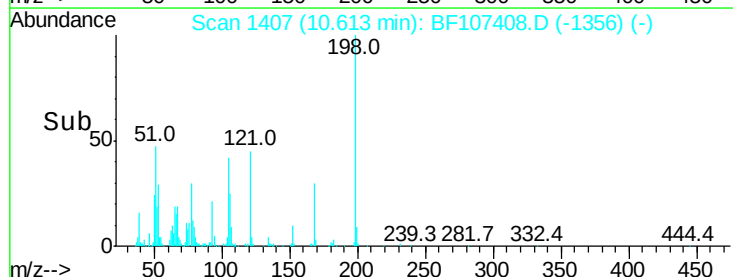
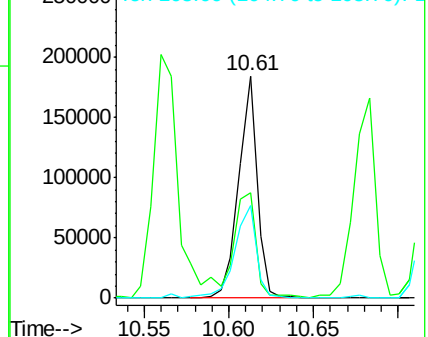
105 41.9 36.3 76.3

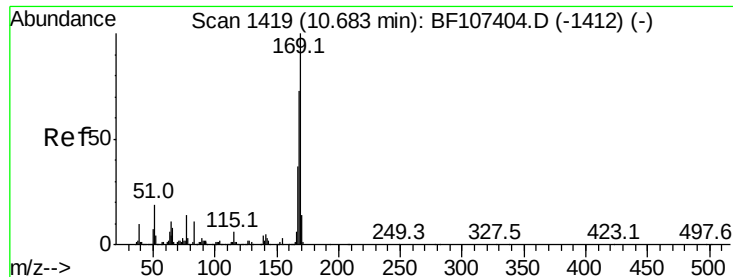


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.442 ng

RT: 10.68 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

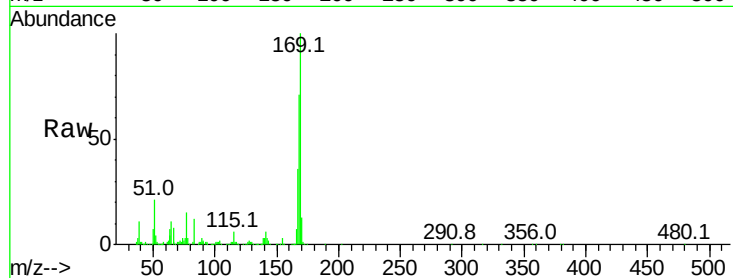
Tot Ion:169 Resp: 730084

Ion Ratio Lower Upper

169 100

168 71.1 54.4 81.6

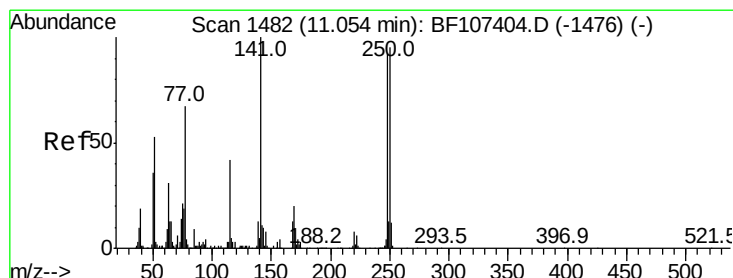
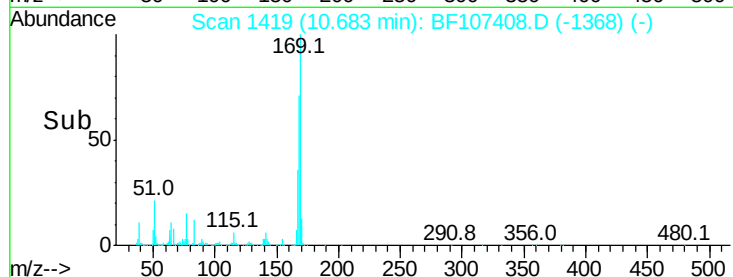
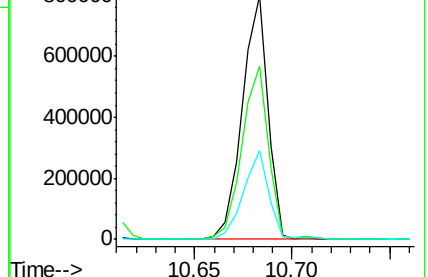
167 36.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.441 ng

RT: 11.05 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

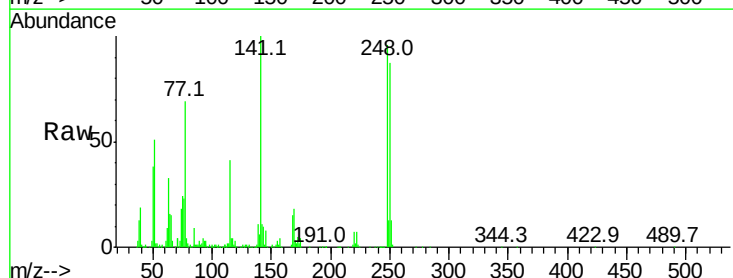
Tgt Ion:248 Resp: 271523

Ion Ratio Lower Upper

248 100

250 90.9 76.9 115.3

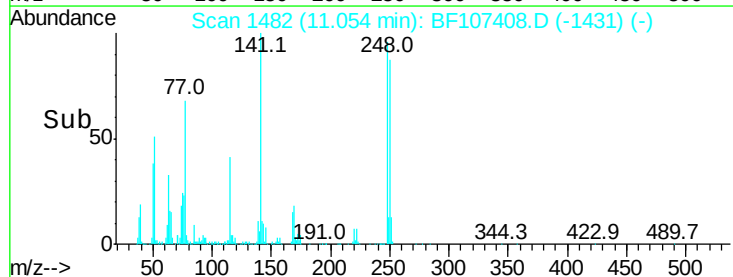
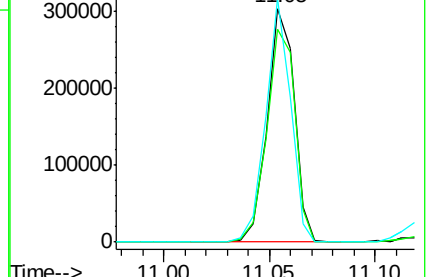
141 104.1 74.4 111.6

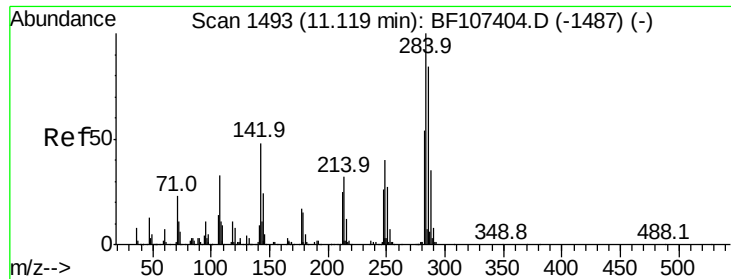


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.138 ng

RT: 11.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

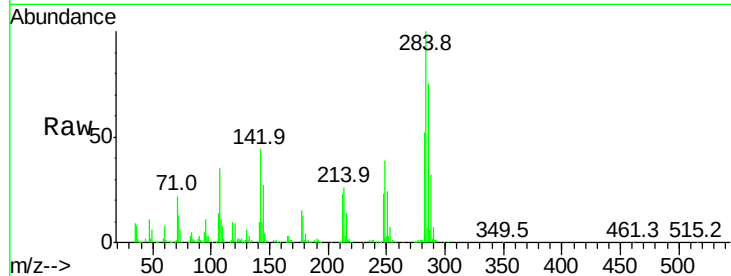
Tot Ion:284 Resp: 236279

Ion Ratio Lower Upper

284 100

142 43.7 34.6 52.0

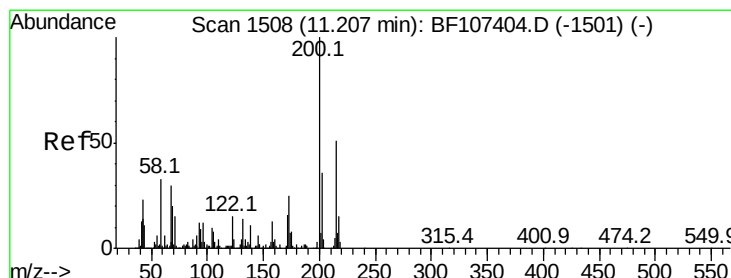
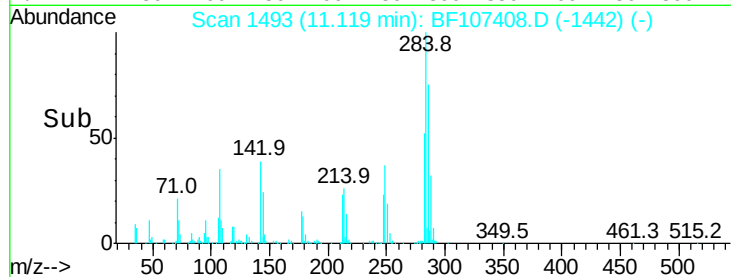
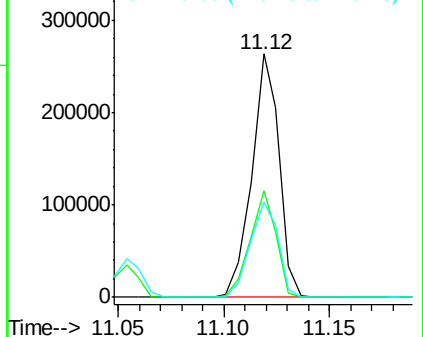
249 39.3 24.8 37.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.376 ng

RT: 11.21 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

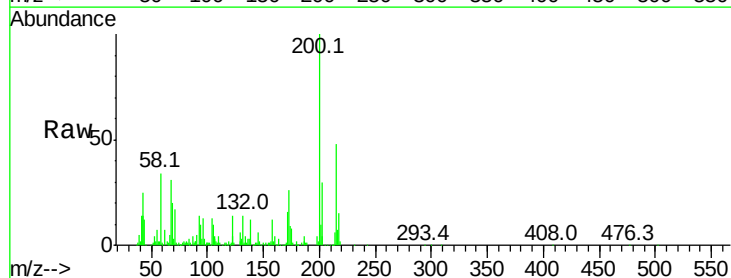
Tgt Ion:200 Resp: 268034

Ion Ratio Lower Upper

200 100

173 26.2 8.6 48.6

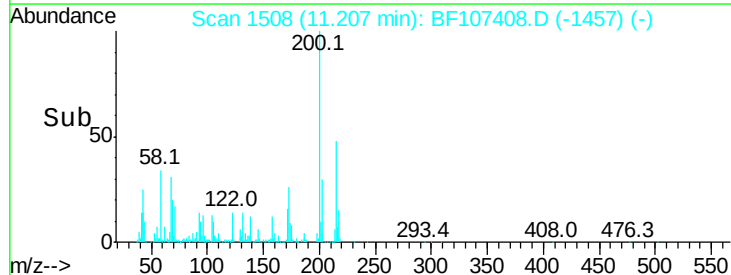
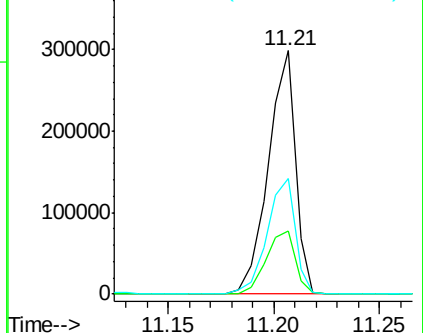
215 47.6 25.1 65.1

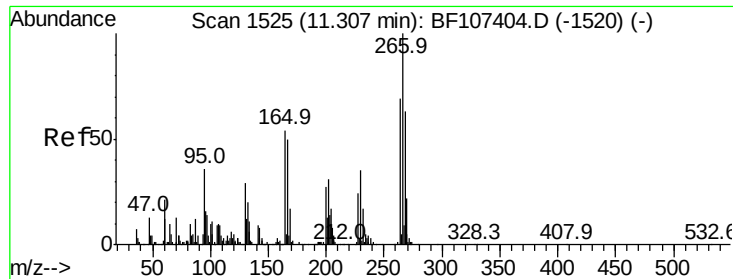


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

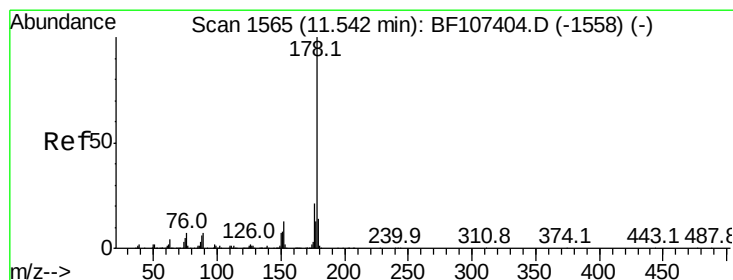
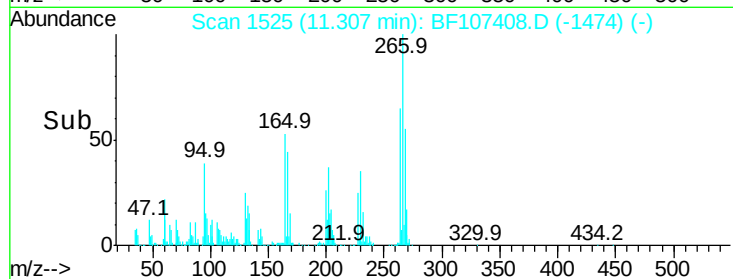
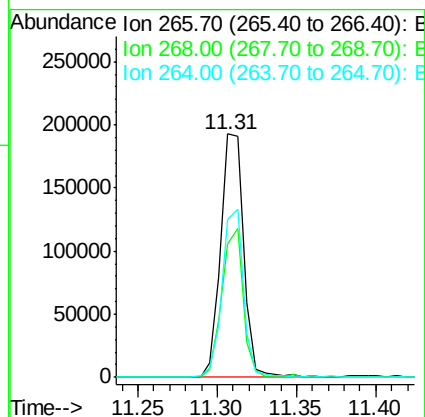
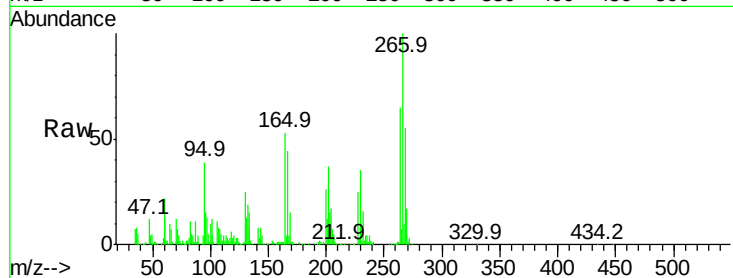




#69
 Pentachlorophenol
 Concen: 40.298 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

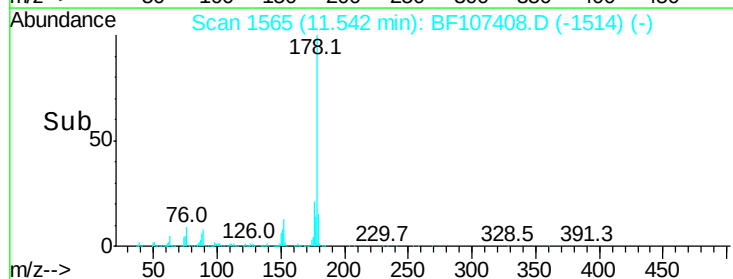
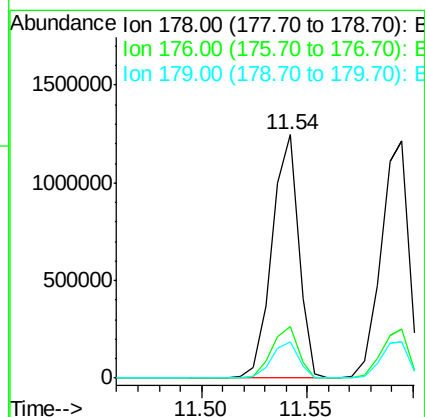
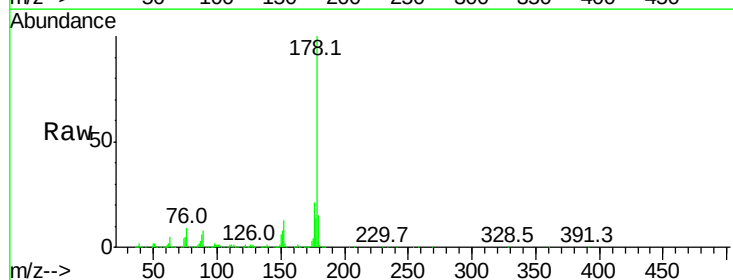
Instrument :
 BNA_F
 ClientSampleId :

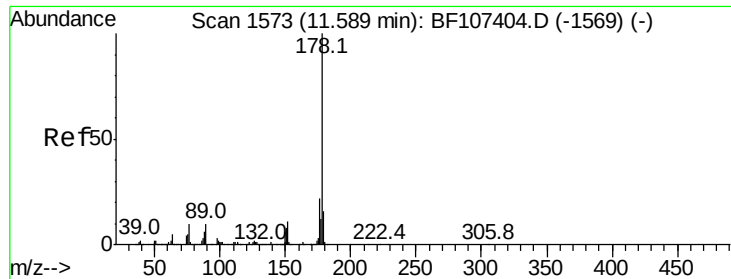
Tot Ion:266 Resp: 194713
 Ion Ratio Lower Upper
 266 100
 268 54.7 51.1 76.7
 264 64.6 49.5 74.3



#70
 Phenanthrene
 Concen: 35.742 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Tgt Ion:178 Resp: 1099705
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.8 23.8
 179 14.8 13.0 19.6





#71

Anthracene

Concen: 36.036 ng

RT: 11.60 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

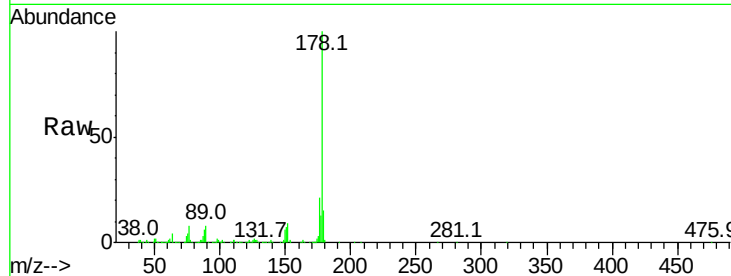
Tot Ion:178 Resp: 1104337

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	15.4	12.6	19.0

178 100

176 20.6 15.4 23.2

179 15.4 12.6 19.0

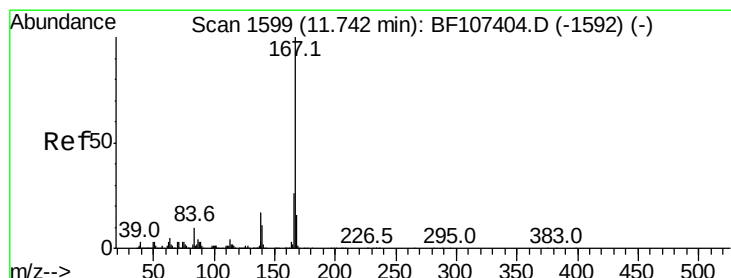
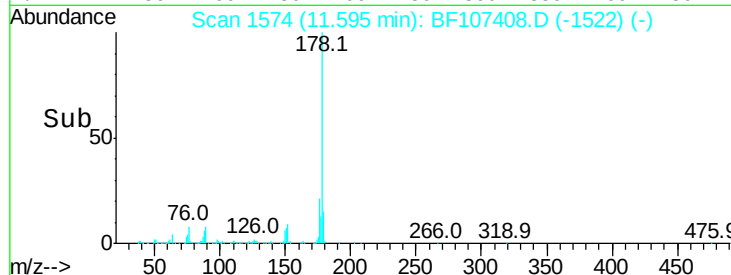
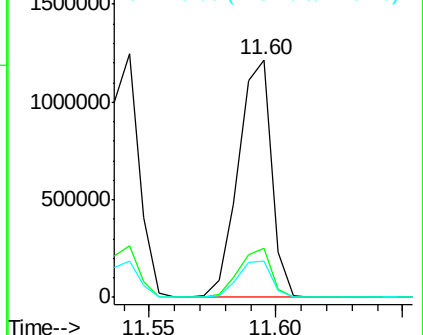


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.031 ng

RT: 11.74 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

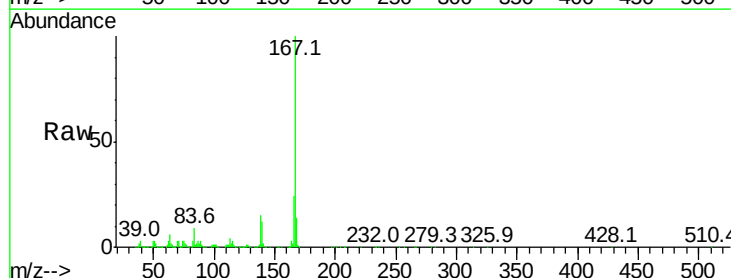
Tgt Ion:167 Resp: 1045357

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.6	26.4
139	15.1	10.9	16.3

167 100

166 23.6 17.6 26.4

139 15.1 10.9 16.3

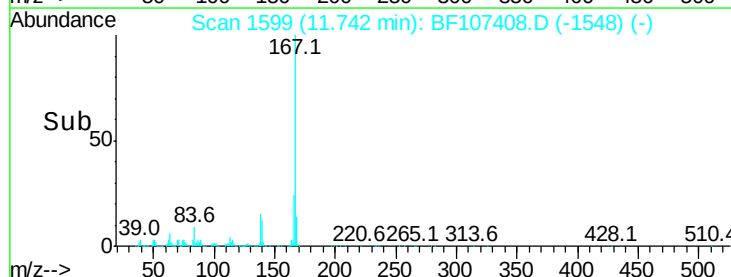
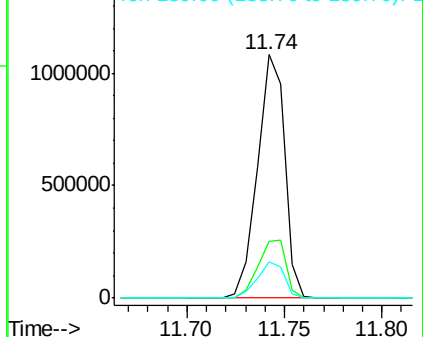


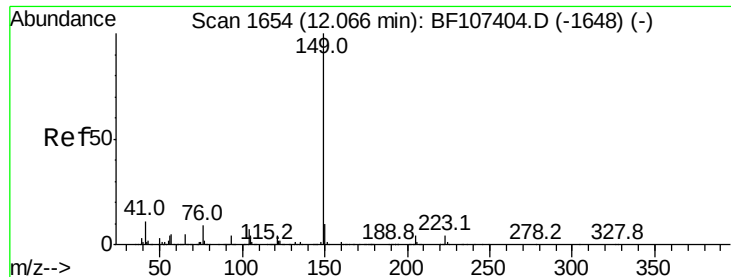
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.786 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

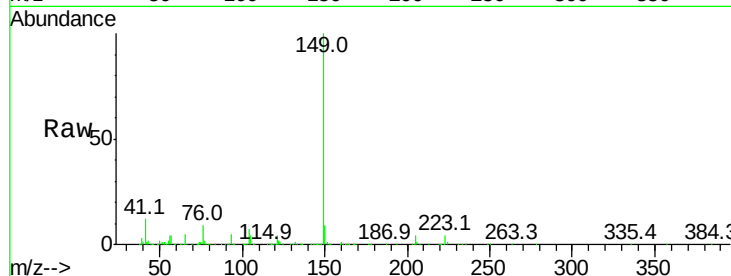
Tot Ion:149 Resp: 1259856

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

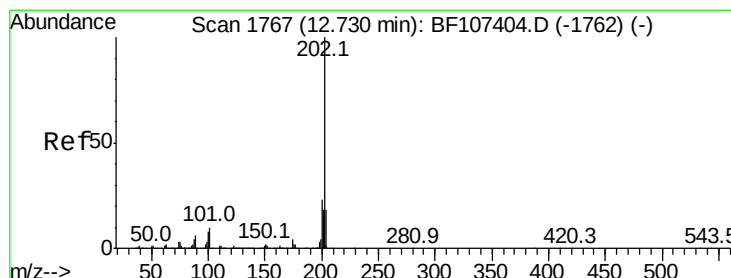
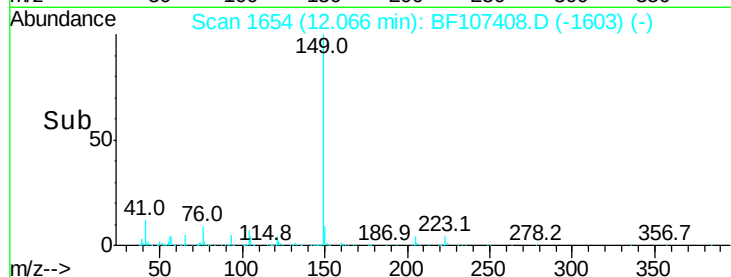
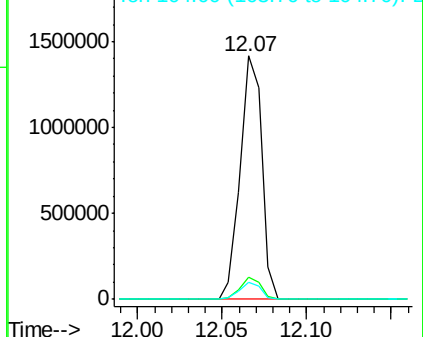
104 7.2 3.8 5.8#



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: 35.809 ng

RT: 12.73 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

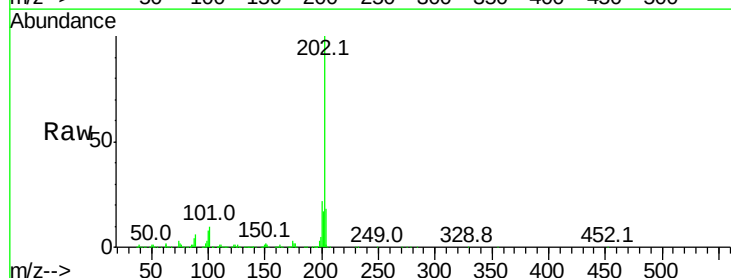
Tgt Ion:202 Resp: 1252255

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.1

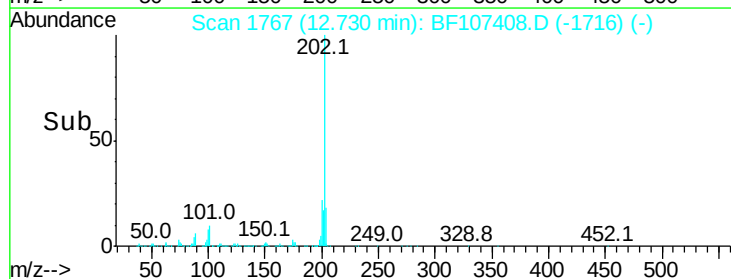
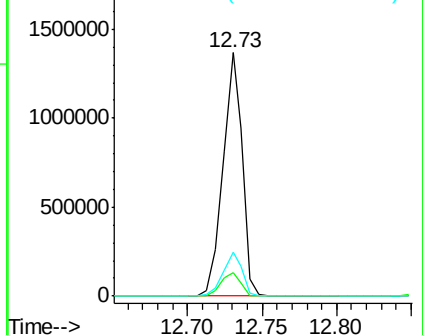
203 17.8 0.0 38.1

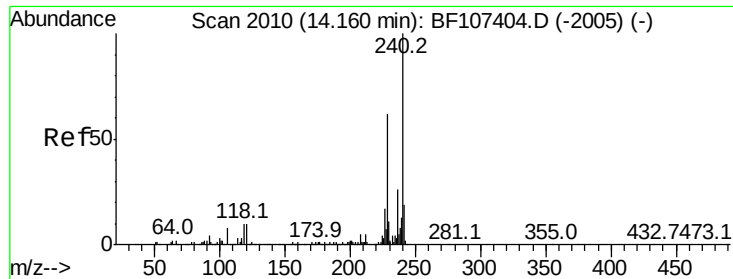


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

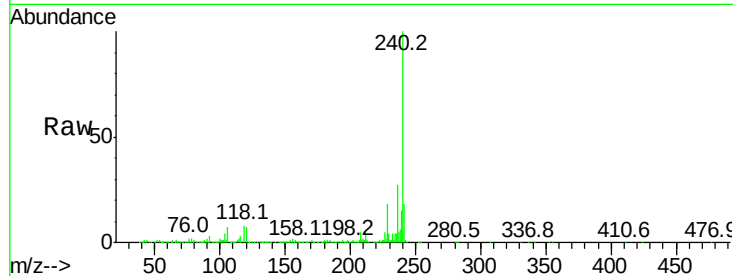
Tot Ion:240 Resp: 506656

Ion Ratio Lower Upper

240 100

120 6.5 9.5 14.3#

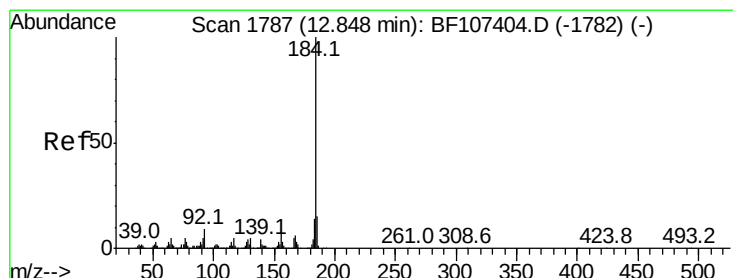
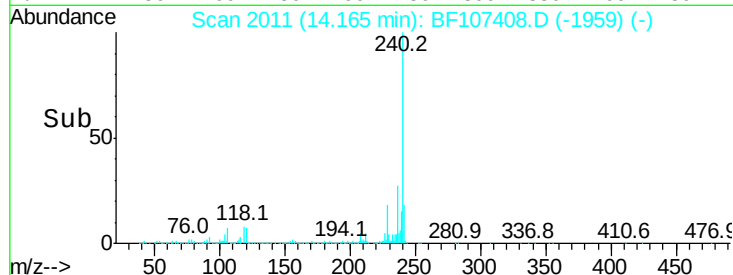
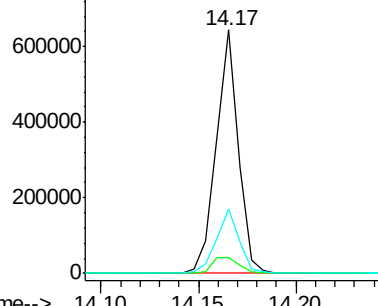
236 26.6 20.7 31.1



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: 37.537 ng

RT: 12.85 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

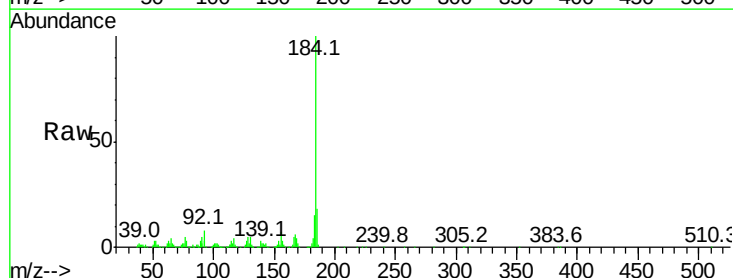
Tgt Ion:184 Resp: 738097

Ion Ratio Lower Upper

184 100

185 18.4 12.6 18.8

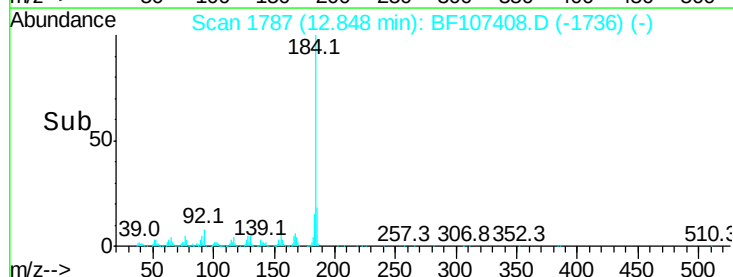
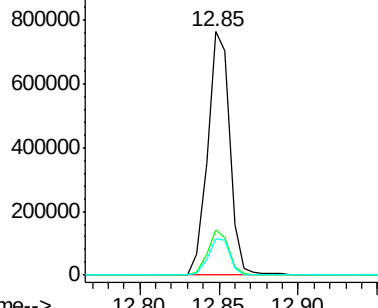
183 14.7 9.3 13.9#

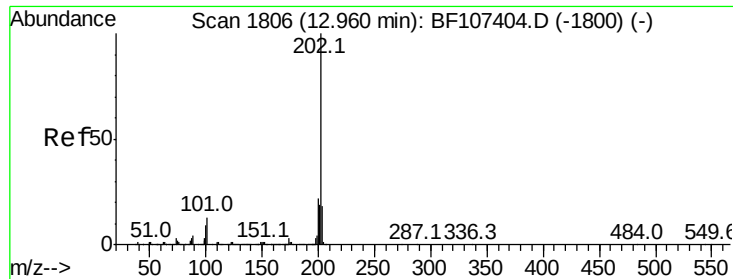


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.025 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

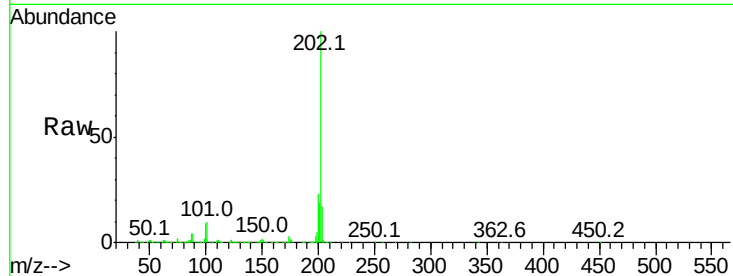
Tot Ion:202 Resp: 1310105

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.4	26.2
203	17.3	14.3	21.5

202 100

200 23.3 17.4 26.2

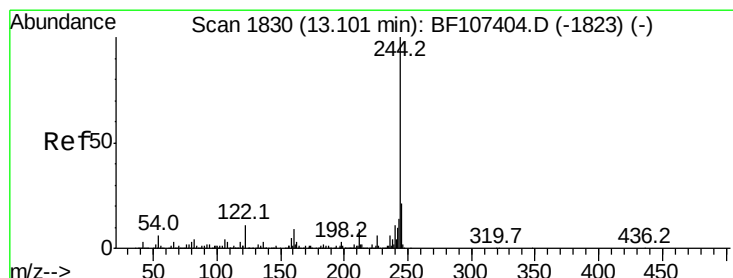
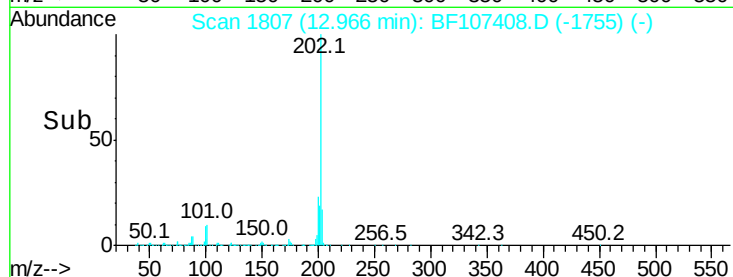
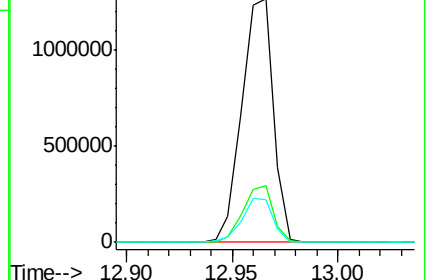
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.804 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

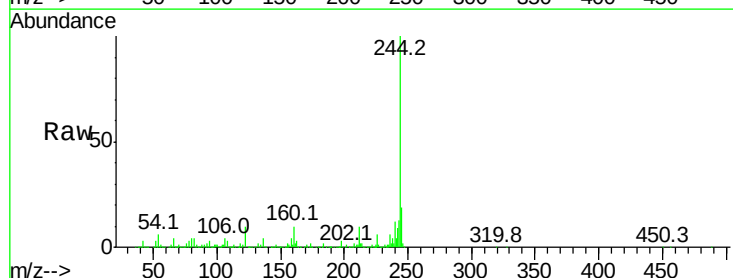
Tgt Ion:244 Resp: 1484616

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.4	8.0#
122	10.4	11.0	16.4#

244 100

212 9.7 5.4 8.0#

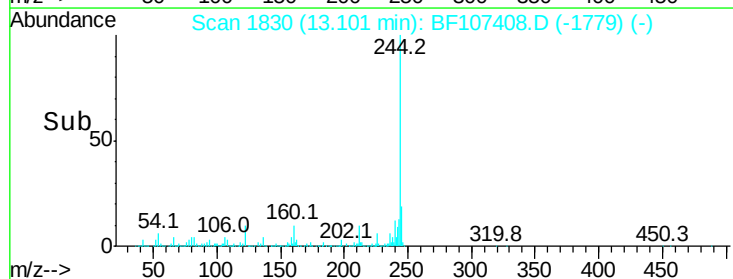
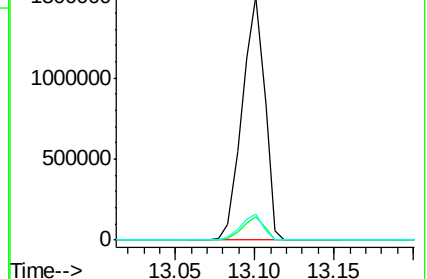
122 10.4 11.0 16.4#

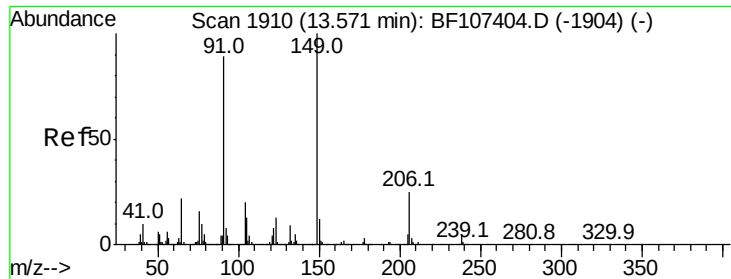


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.435 ng

RT: 13.57 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

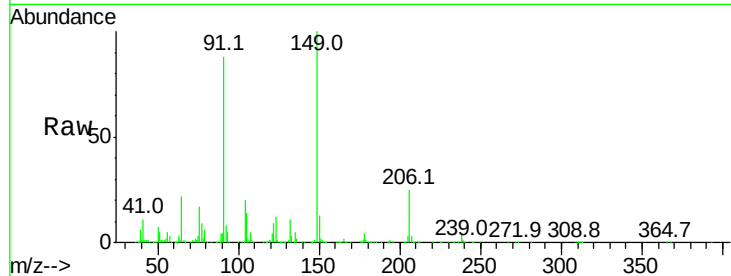
Tot Ion:149 Resp: 532553

Ion Ratio Lower Upper

149 100

91 87.9 56.8 85.2#

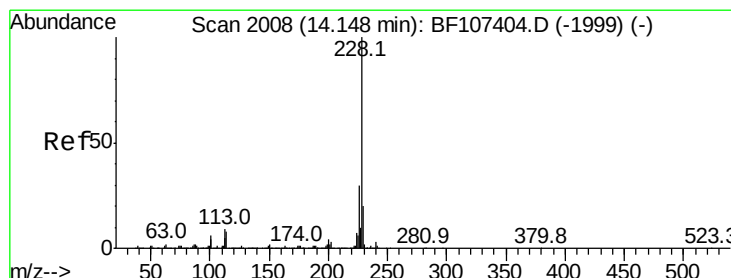
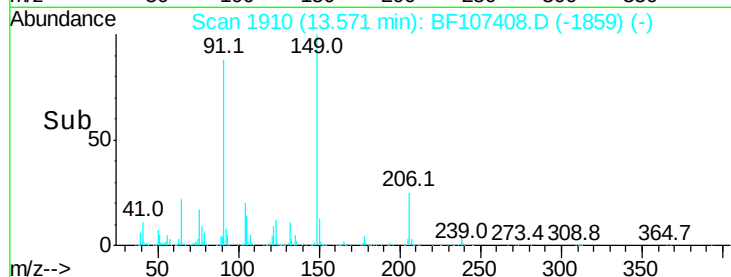
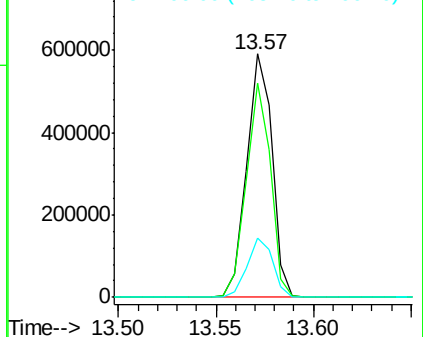
206 24.6 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.820 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

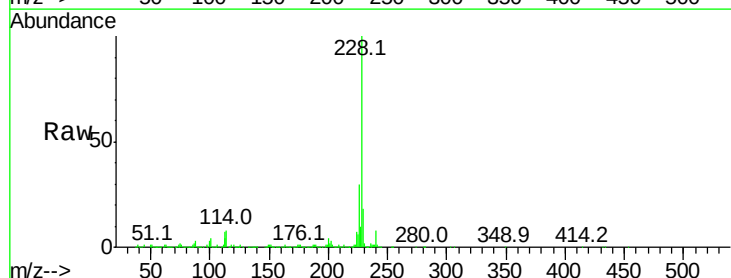
Tgt Ion:228 Resp: 1141438

Ion Ratio Lower Upper

228 100

226 30.2 22.6 33.8

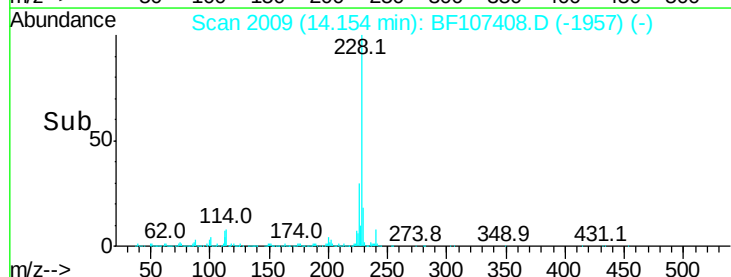
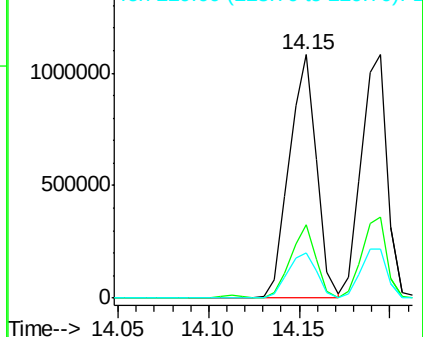
229 18.4 15.8 23.6

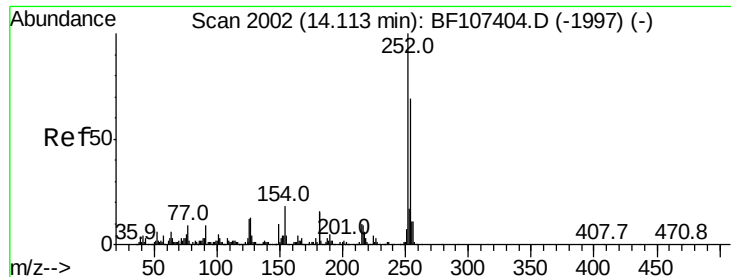


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 39.077 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

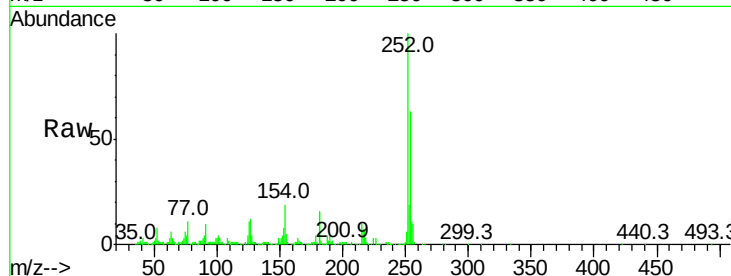
Tot Ion:252 Resp: 406275

Ion Ratio Lower Upper

252 100

254 63.1 50.4 75.6

126 10.9 11.3 16.9#

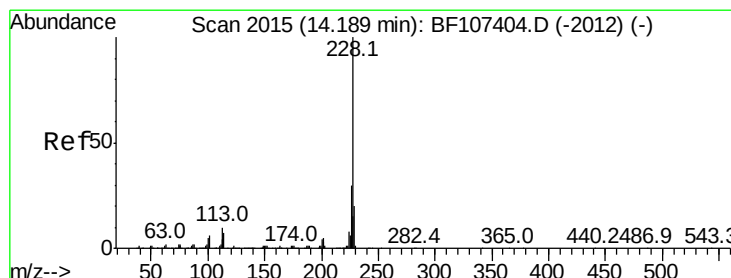
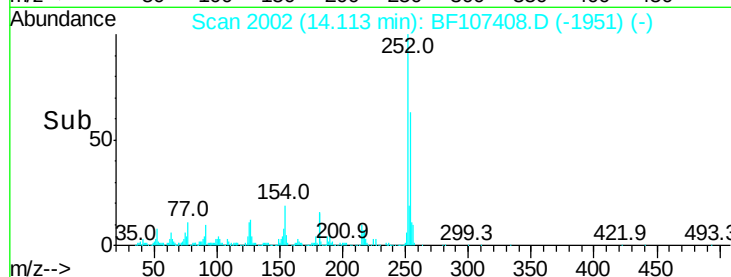
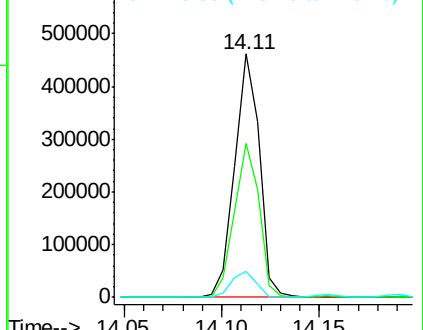


Abundance

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: 36.444 ng

RT: 14.19 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

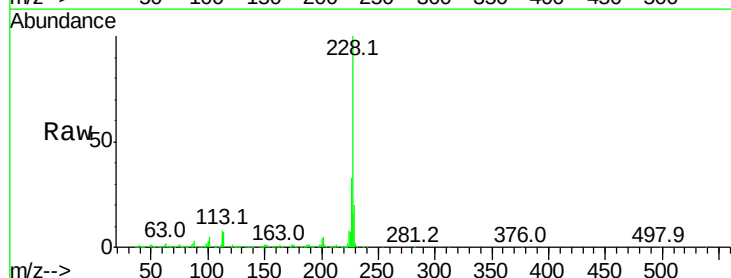
Tgt Ion:228 Resp: 1079209

Ion Ratio Lower Upper

228 100

226 33.1 25.0 37.6

229 20.2 16.2 24.4

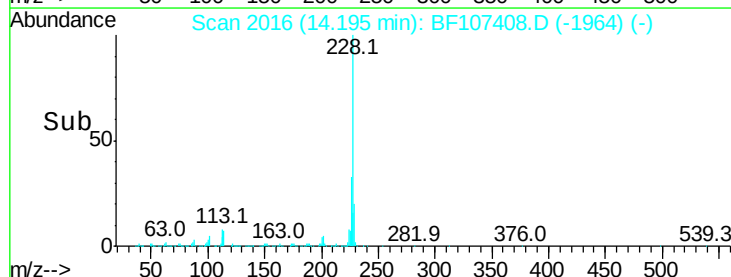
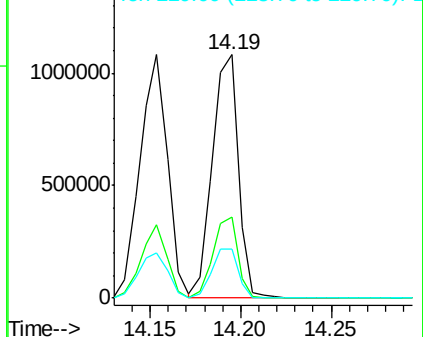


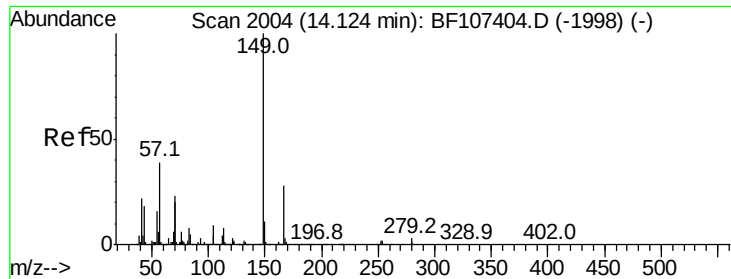
Abundance

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: 39.402 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

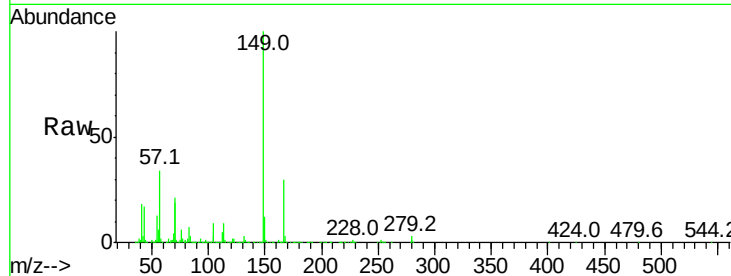
Tot Ion:149 Resp: 708602

Ion Ratio Lower Upper

149 100

167 29.7 21.3 31.9

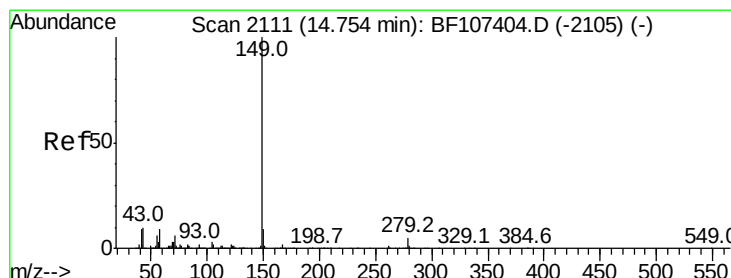
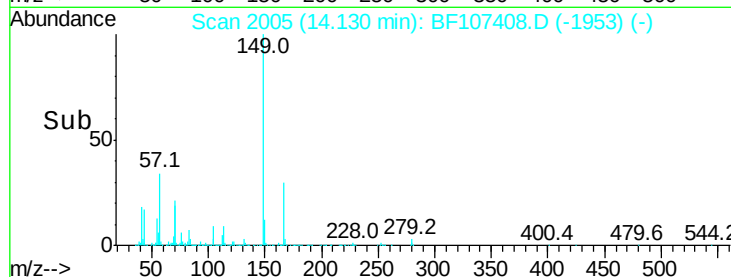
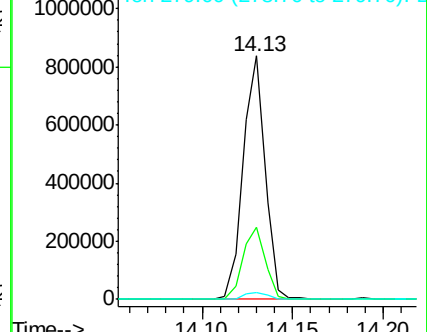
279 3.1 3.0 4.4



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: 39.633 ng

RT: 14.76 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

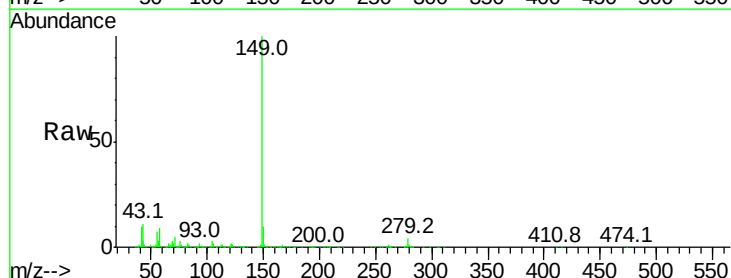
Tgt Ion:149 Resp: 1108007

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

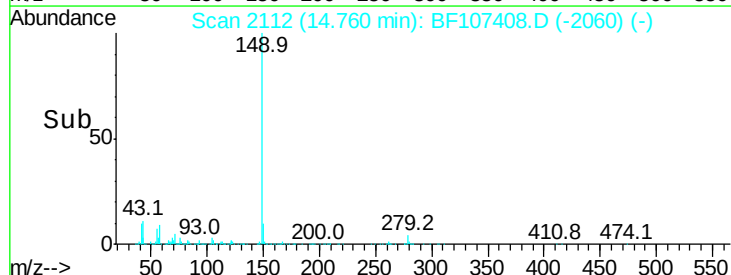
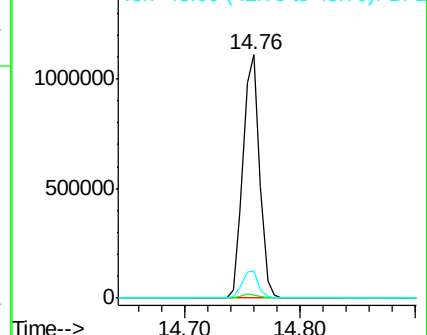
43 11.1 8.4 12.6

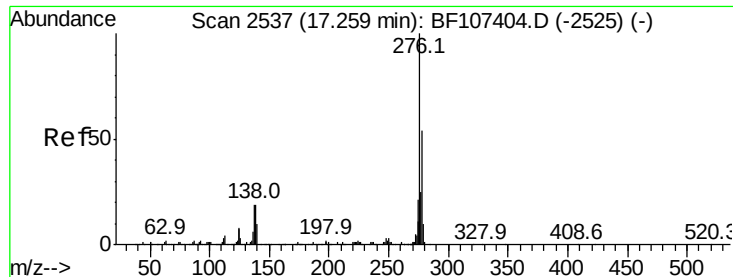


Abundance Ion 149.00 (148.70 to 149.70): E

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: 33.216 ng

RT: 17.27 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

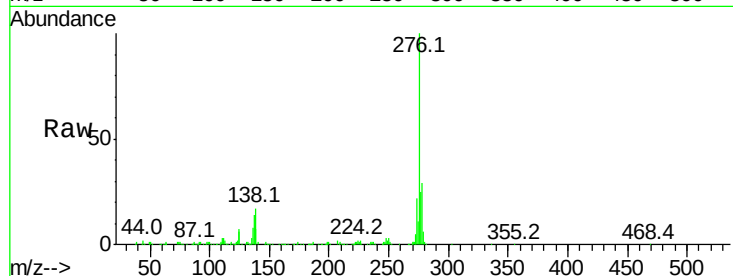
Tot Ion:276 Resp: 700162

Ion Ratio Lower Upper

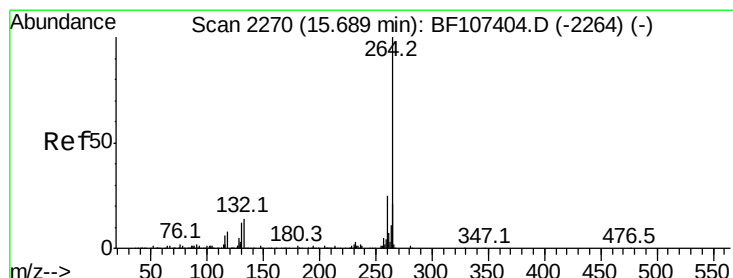
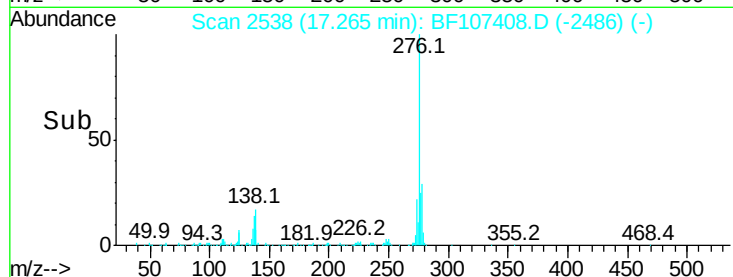
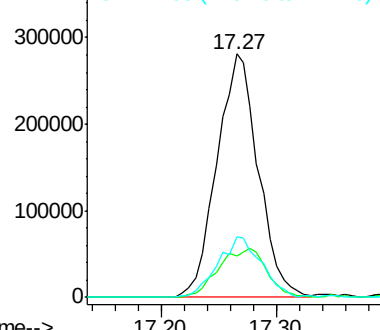
276 100

138 23.4 25.0 37.6#

277 26.3 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: BF107408.D

Acq: 16 Jul 2018 17:06

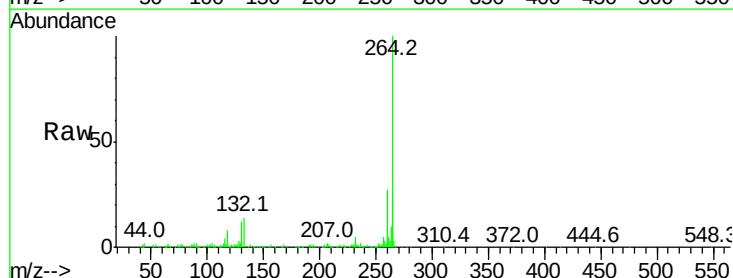
Tgt Ion:264 Resp: 385574

Ion Ratio Lower Upper

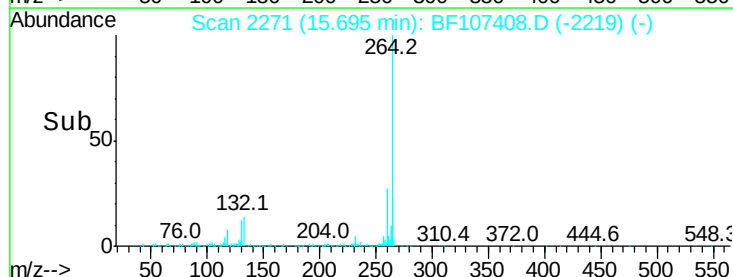
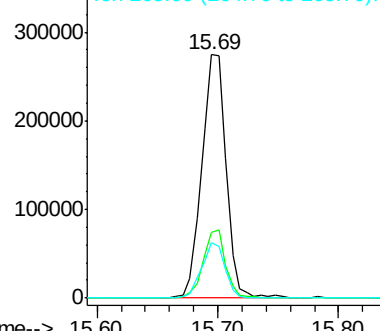
264 100

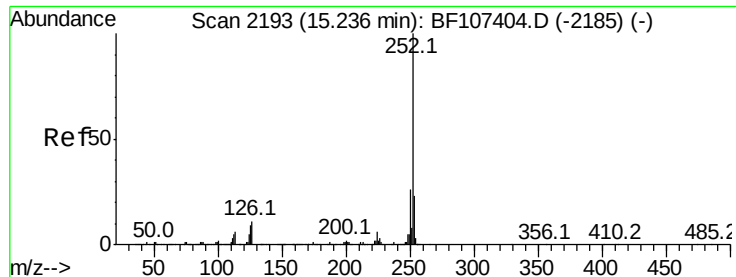
260 26.7 19.2 28.8

265 22.9 17.5 26.3



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

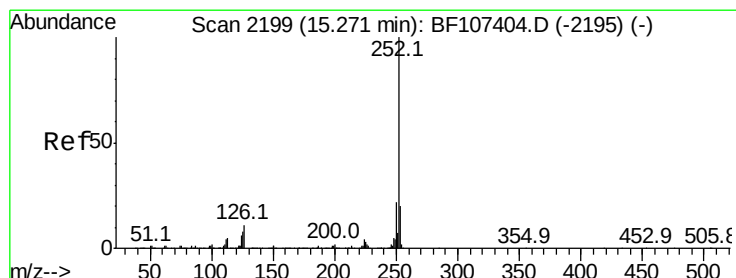
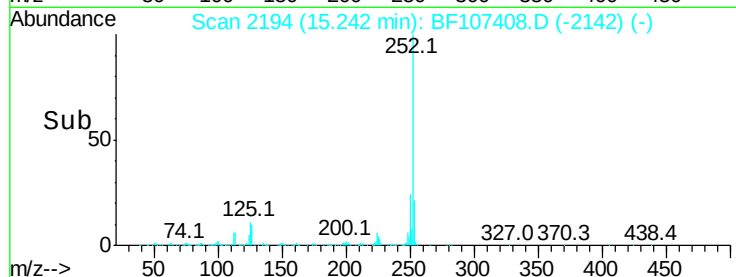
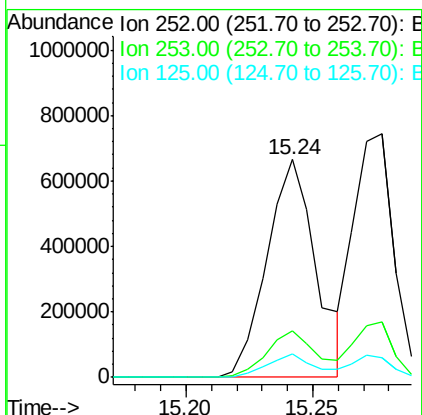
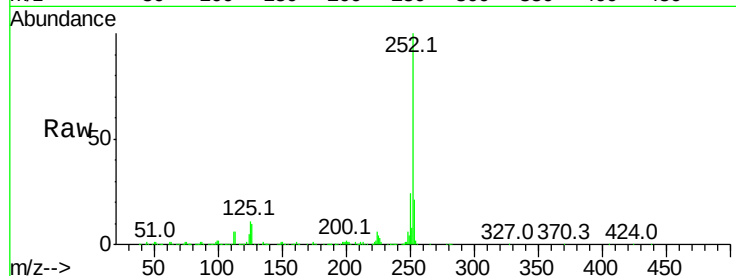




#87
Benzo(b)fluoranthene
Concen: 40.005 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

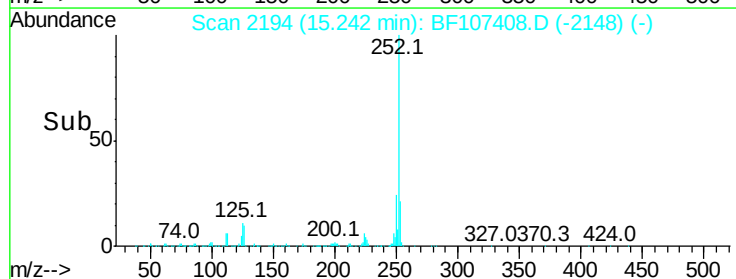
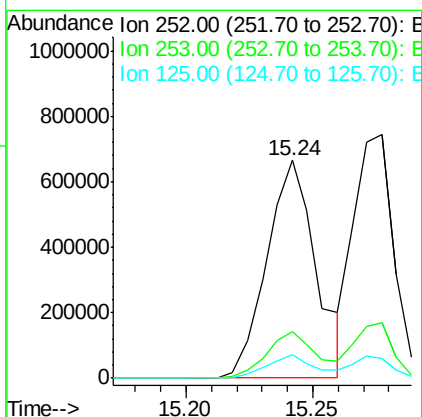
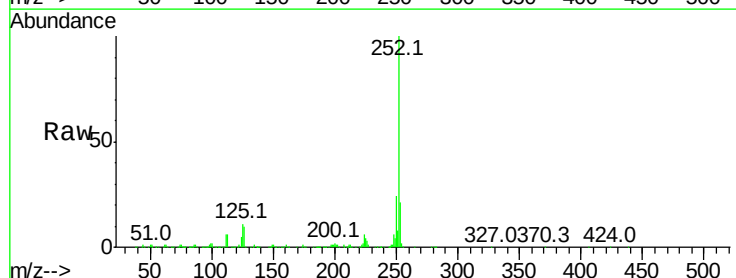
Instrument :
BNA_F
ClientSampleId :

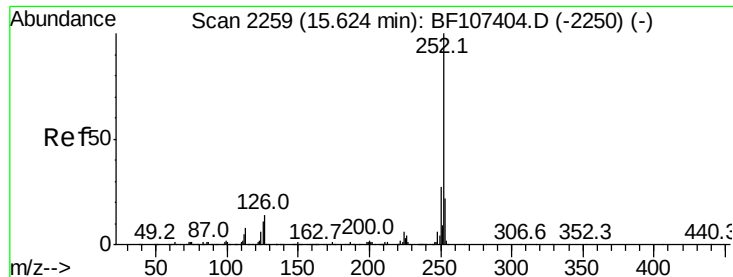
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	10.8	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 40.993 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.03 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	10.8	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.459 ng

RT: 15.64 min Scan# 2261

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

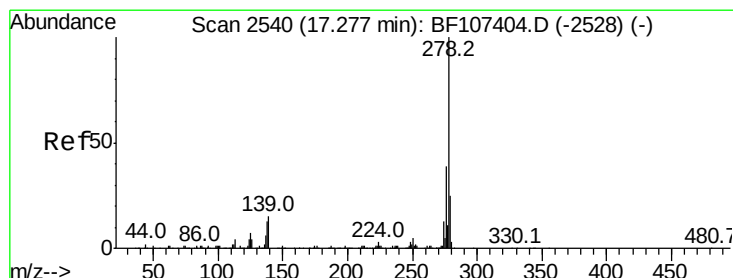
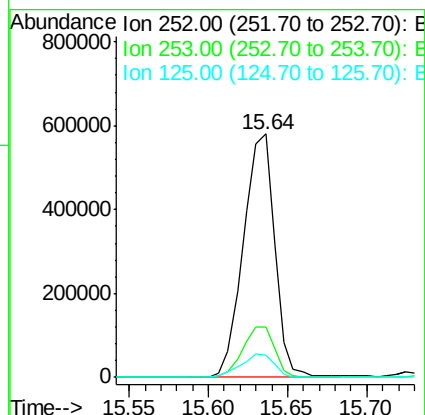
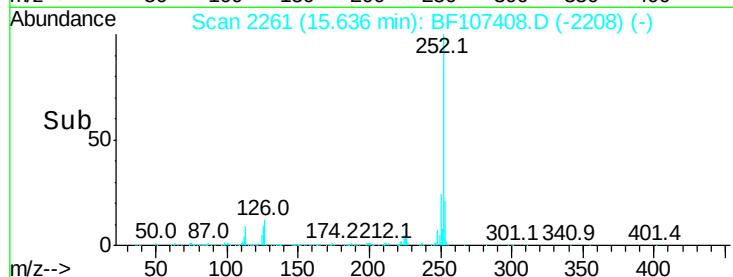
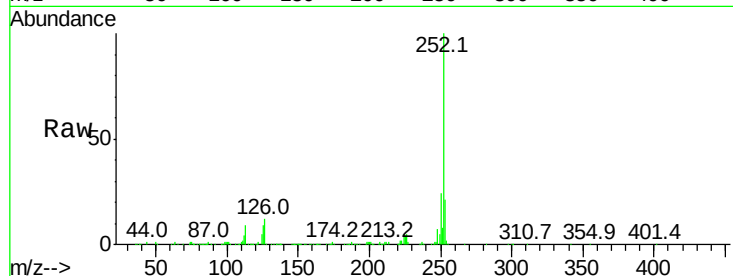
Tot Ion:252 Resp: 796650

Ion Ratio Lower Upper

252 100

253 20.9 17.1 25.7

125 9.0 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 37.034 ng

RT: 17.28 min Scan# 2541

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

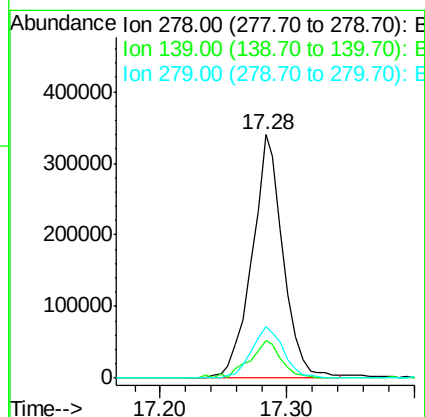
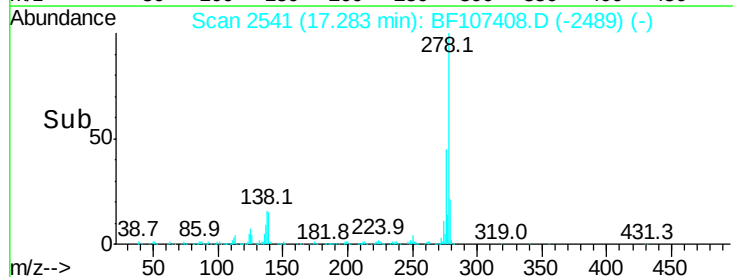
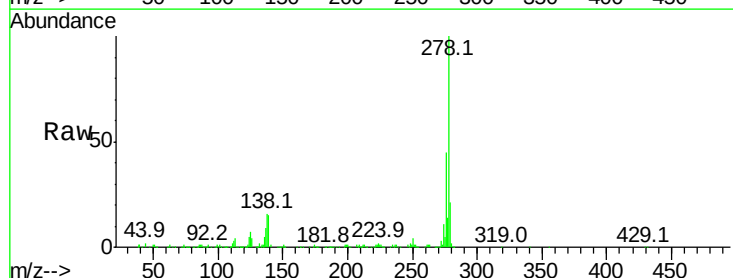
Tgt Ion:278 Resp: 578959

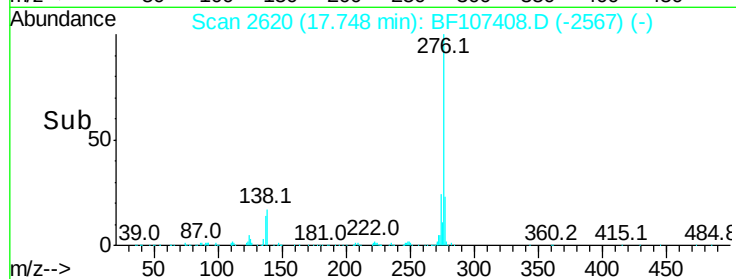
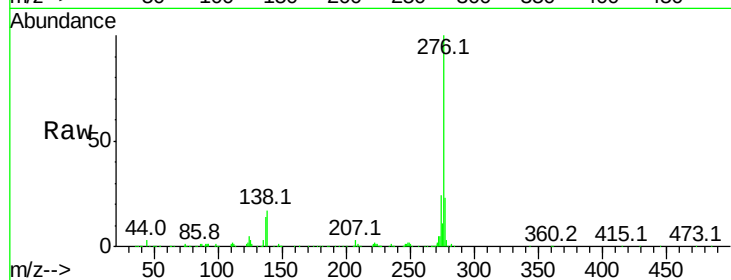
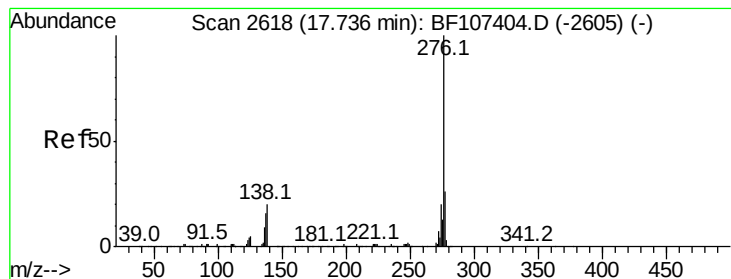
Ion Ratio Lower Upper

278 100

139 15.2 15.9 23.9#

279 21.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.742 ng

RT: 17.75 min Scan# 2620

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 567766

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 17.1 21.8 32.8#

