

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107405.D
 Acq On : 16 Jul 2018 15:28
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 16:02:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 15:31:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	136429	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	508278	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	275278	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	590834	20.00	ng	0.00
75) Chrysene-d12	14.17	240	482393	20.00	ng	0.00
86) Perylene-d12	15.69	264	382930	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	832148	103.28	ng	0.00
7) Phenol-d6	6.60	99	1086763	108.01	ng	0.00
23) Nitrobenzene-d5	7.55	82	1020091	111.53	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	222613	69.77	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1664137	92.34	ng	0.00
78) Terphenyl-d14	13.10	244	1721944	86.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	215744	52.085	ng	89
3) Pyridine	3.61	79	570954	50.825	ng	93
4) n-Nitrosodimethylamine	3.58	42	237392	49.755	ng	# 83
6) Aniline	6.65	93	746762	54.715	ng	# 87
8) 2-Chlorophenol	6.77	128	424000	47.980	ng	90
9) Benzaldehyde	6.54	77	438183	63.756	ng	89
10) Phenol	6.61	94	566920	49.372	ng	# 71
11) bis(2-Chloroethyl)ether	6.71	93	465530	49.110	ng	95
12) 1,3-Dichlorobenzene	6.92	146	520601	50.299	ng	# 91
13) 1,4-Dichlorobenzene	7.00	146	514165	49.137	ng	96
14) 1,2-Dichlorobenzene	7.00	146	514165	53.616	ng	97
15) Benzyl Alcohol	7.12	79	577031	71.423	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	7.25	45	517731	41.627	ng	83
17) 2-Methylphenol	7.22	107	403445	53.349	ng	# 85
18) Hexachloroethane	7.50	117	194542	52.869	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	394222	59.440	ng	# 95
20) 3+4-Methylphenols	7.38	107	502069	57.359	ng	# 83
22) Acetophenone	7.39	105	668857	58.819	ng	92
24) Nitrobenzene	7.57	77	567679	60.794	ng	# 86
25) Isophorone	7.80	82	909324	56.421	ng	# 93
26) 2-Nitrophenol	7.88	139	197453	44.794	ng	# 68
27) 2,4-Dimethylphenol	7.90	122	376878	55.315	ng	86
28) bis(2-Chloroethoxy)methane	8.01	93	569644	52.642	ng	96
29) 2,4-Dichlorophenol	8.11	162	398190	55.823	ng	94
30) 1,2,4-Trichlorobenzene	8.20	180	457025	58.161	ng	99
31) Naphthalene	8.29	128	1170557	49.259	ng	99
32) Benzoic acid	8.02	122	258034	56.312	ng	# 75
33) 4-Chloroaniline	8.33	127	517893	51.940	ng	# 82
34) Hexachlorobutadiene	8.40	225	305067	59.581	ng	96
35) Caprolactam	8.71	113	131446	56.532	ng	# 85
36) 4-Chloro-3-methylphenol	8.80	107	521342	69.438	ng	# 79
37) 2-Methylnaphthalene	8.98	142	765033	48.570	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	477222	51.478	ng	99
40) Hexachlorocyclopentadiene	9.13	237	273039	57.245	ng	95

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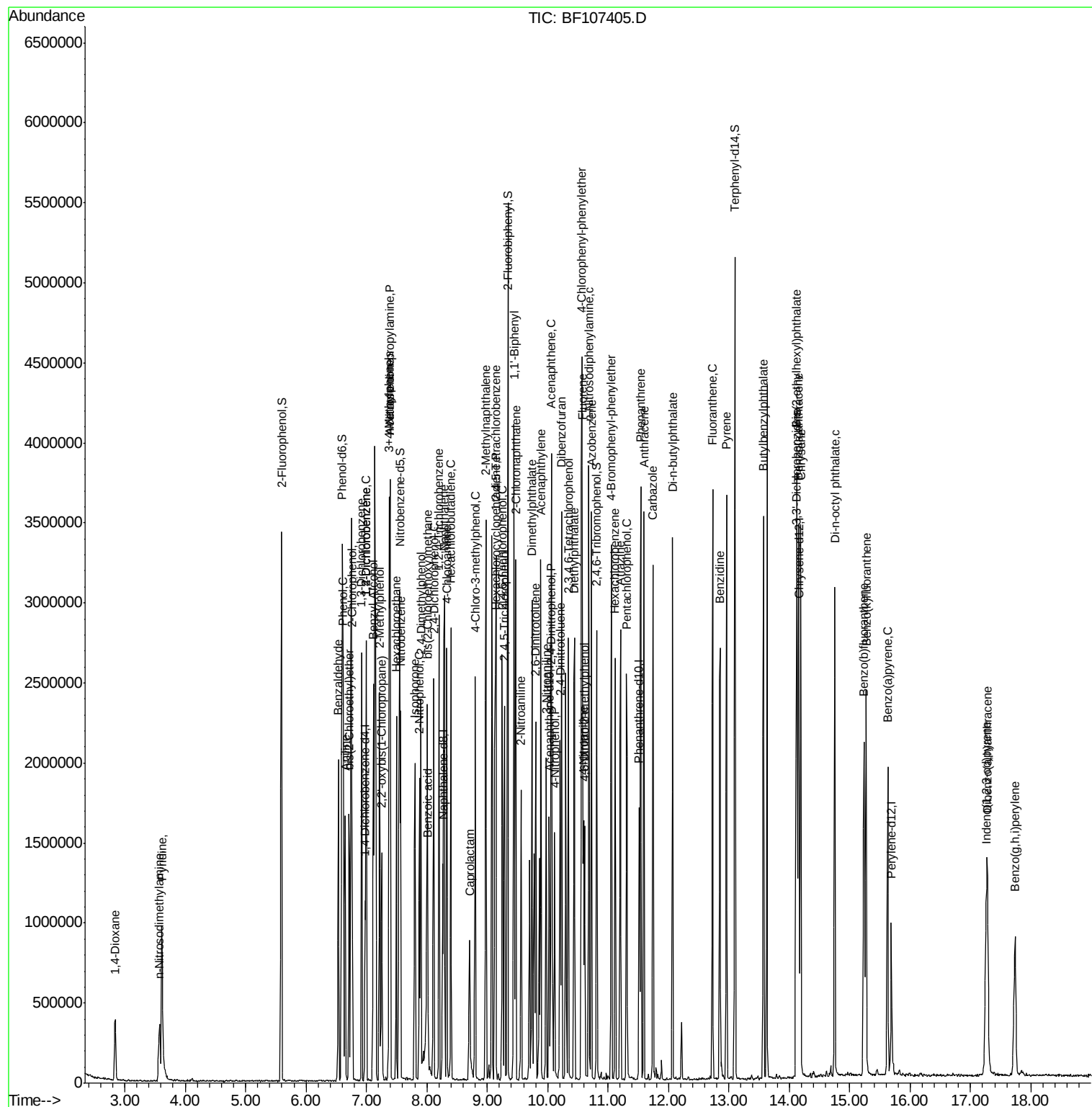
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	319355	51.824	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	320974	49.917	nq #	92
45) 1,1'-Biphenyl	9.44	154	1052931	47.995	nq	96
46) 2-Chloronaphthalene	9.47	162	867067	50.211	nq	94
47) 2-Nitroaniline	9.56	65	309346	53.272	nq #	78
48) Acenaphthylene	9.89	152	1196321	43.880	nq	97
49) Dimethylphthalate	9.74	163	1034090	50.086	nq #	99
50) 2,6-Dinitrotoluene	9.80	165	221115	50.576	nq #	60
51) Acenaphthene	10.06	154	805237	46.903	nq	99
52) 3-Nitroaniline	9.98	138	226977	45.117	nq #	79
53) 2,4-Dinitrophenol	10.07	184	79869	40.114	nq #	33
54) Dibenzofuran	10.23	168	1203953	51.213	nq	93
55) 4-Nitrophenol	10.12	139	181590	51.711	nq #	53
56) 2,4-Dinitrotoluene	10.21	165	275748	48.321	nq #	78
57) Fluorene	10.58	166	803624	43.079	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	281665	55.105	nq #	89
59) Diethylphthalate	10.44	149	1005612	50.465	nq	94
60) 4-Chlorophenyl-phenylether	10.57	204	491307	50.335	nq	98
61) 4-Nitroaniline	10.60	138	212570	42.575	nq #	38
62) Azobenzene	10.72	77	1151361	58.673	nq	88
64) 4,6-Dinitro-2-methylphenol	10.61	198	161043	44.095	nq	94
65) n-Nitrosodiphenylamine	10.68	169	839526	42.245	nq	93
66) 4-Bromophenyl-phenylether	11.05	248	300524	42.620	nq #	86
67) Hexachlorobenzene	11.12	284	282059	38.219	nq #	90
68) Atrazine	11.21	200	315338	49.914	nq	98
69) Pentachlorophenol	11.31	266	231433	62.848	nq	95
70) Phenanthrene	11.54	178	1305541	45.813	nq	97
71) Anthracene	11.60	178	1355426	46.599	nq	98
72) Carbazole	11.75	167	1244684	45.705	nq	95
73) Di-n-butylphthalate	12.07	149	1480762	46.155	nq #	98
74) Fluoranthene	12.73	202	1475117	46.964	nq	95
76) Benzidine	12.85	184	928424	67.579	nq #	97
77) Pyrene	12.97	202	1526522	47.988	nq	96
79) Butylbenzylphthalate	13.57	149	631173	48.259	nq #	78
80) Benzo(a)anthracene	14.15	228	1388333	47.221	nq	98
81) 3,3'-Dichlorobenzidine	14.11	252	476157	46.081	nq	96
82) Chrysene	14.19	228	1303087	48.176	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	836541	50.030	nq	96
84) Di-n-octyl phthalate	14.75	149	1363089	50.011	nq	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	860529	37.489	nq	93
87) Benzo(b)fluoranthene	15.24	252	1120334	47.098	nq	97
88) Benzo(k)fluoranthene	15.27	252	1051341	46.411	nq	97
89) Benzo(a)pyrene	15.63	252	993332	46.974	nq #	94
90) Dibenzo(a,h)anthracene	17.28	278	727972	40.620	nq #	92
91) Benzo(g,h,i)perylene	17.74	276	727952	41.558	nq #	92

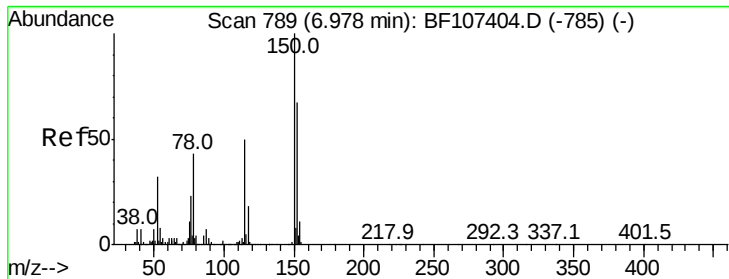
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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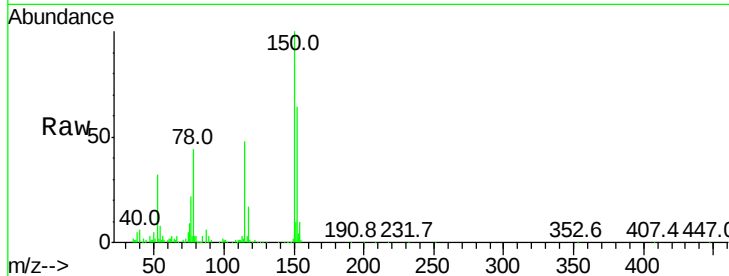


#1

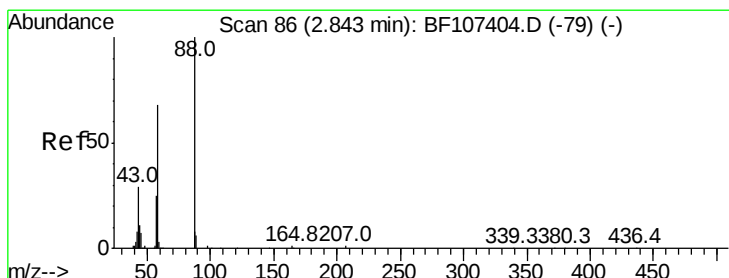
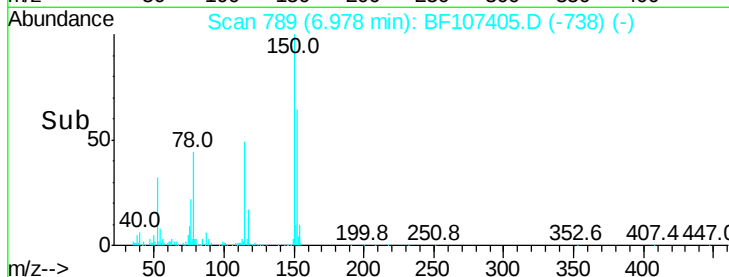
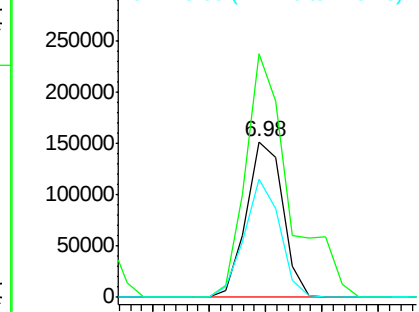
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	75.8	50.1	75.1#



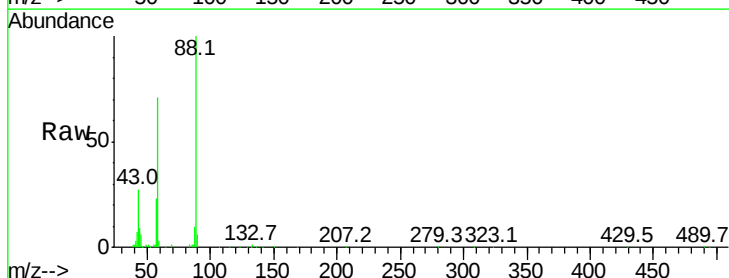
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



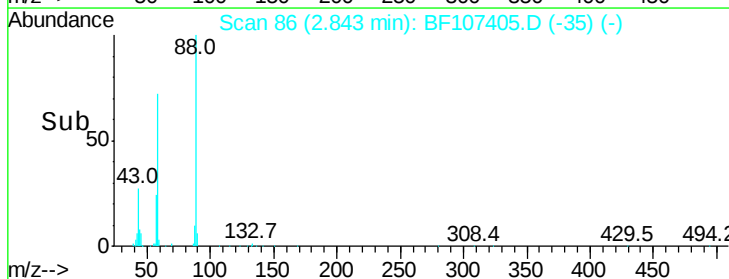
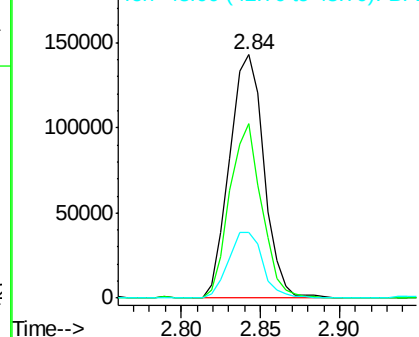
#2

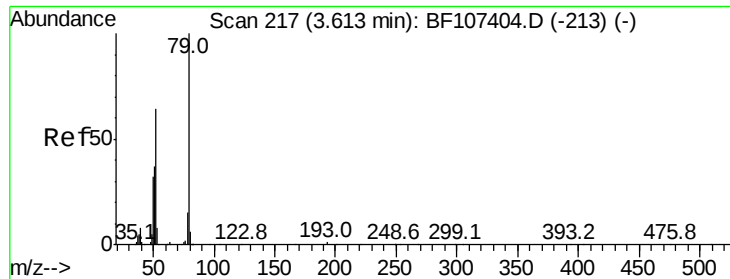
1,4-Dioxane
 Concen: 52.085 ng
 RT: 2.84 min Scan# 86
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	62.6	93.8
43	27.1	24.6	37.0



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





#3

Pvridine

Concen: 50.825 ng

RT: 3.61 min Scan# 217

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

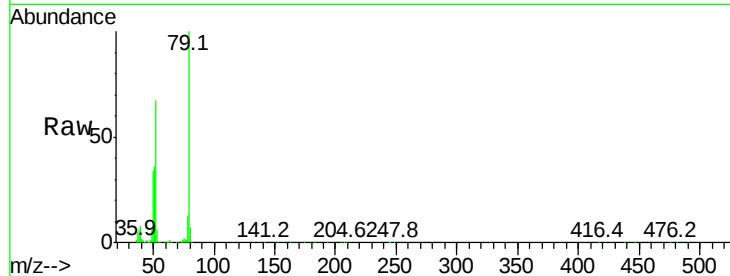
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 570954

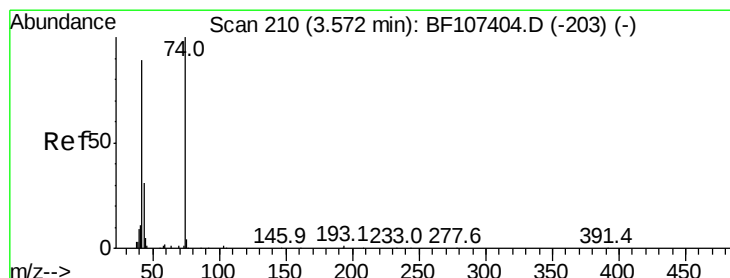
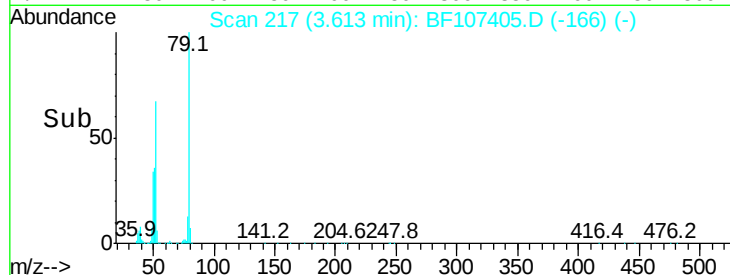
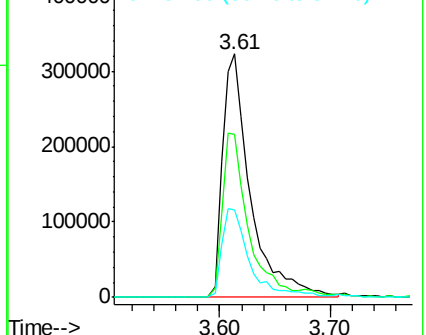
Ion	Ratio	Lower	Upper
79	100		
52	67.2	59.8	89.6
51	36.1	29.8	44.8



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: 49.755 ng

RT: 3.58 min Scan# 212

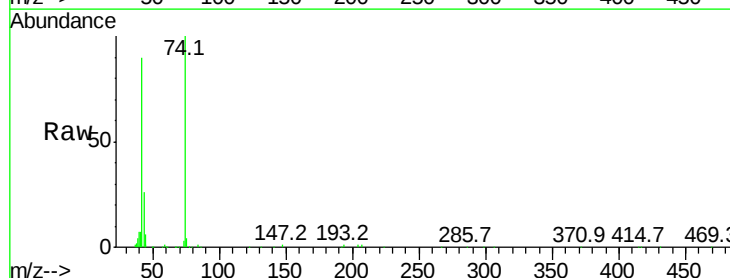
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion: 42 Resp: 237392

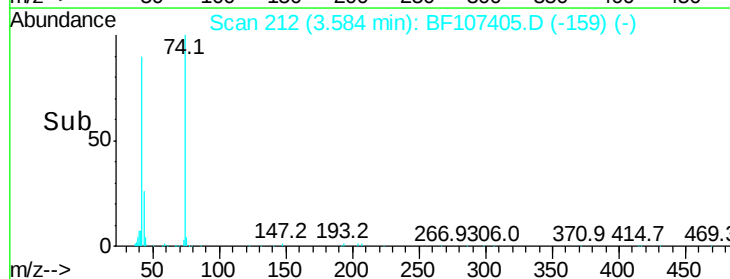
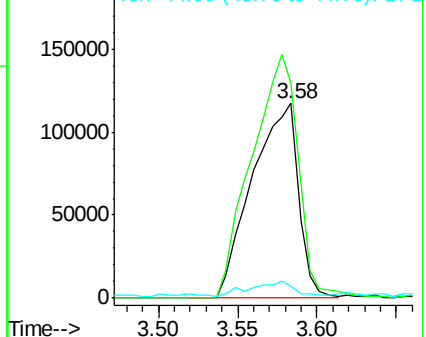
Ion	Ratio	Lower	Upper
42	100		
74	110.8	104.9	157.3
44	6.2	6.9	10.3

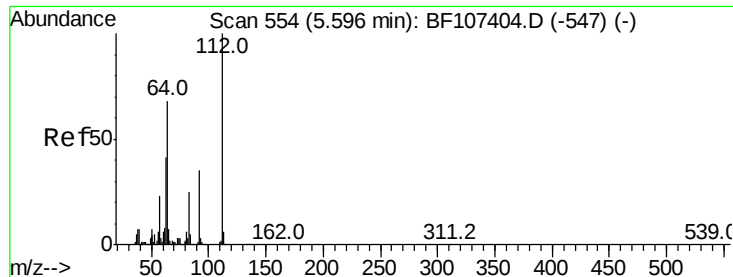


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 103.284 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

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ClientSampleId :

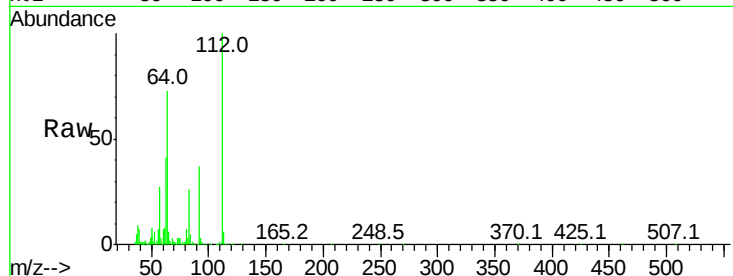
Tot Ion:112 Resp: 832148

Ion Ratio Lower Upper

112 100

64 73.3 47.9 71.9#

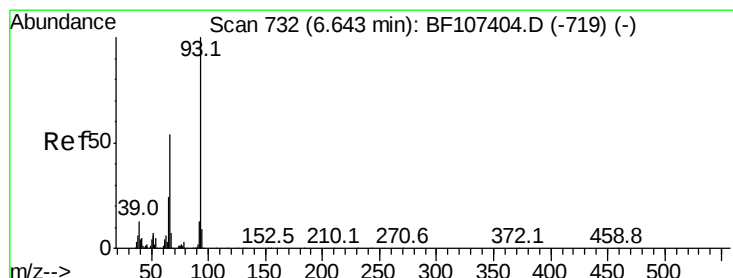
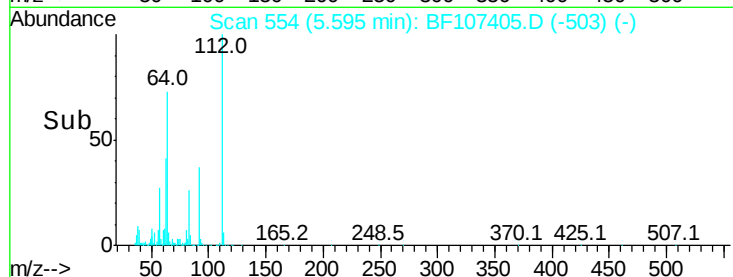
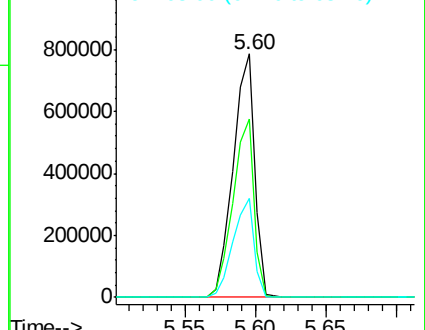
63 40.8 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 54.715 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

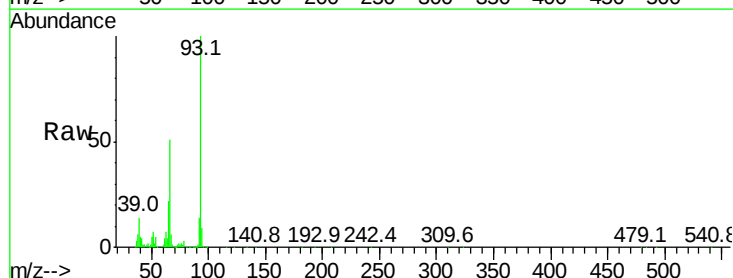
Tgt Ion: 93 Resp: 746762

Ion Ratio Lower Upper

93 100

66 50.9 32.2 48.2#

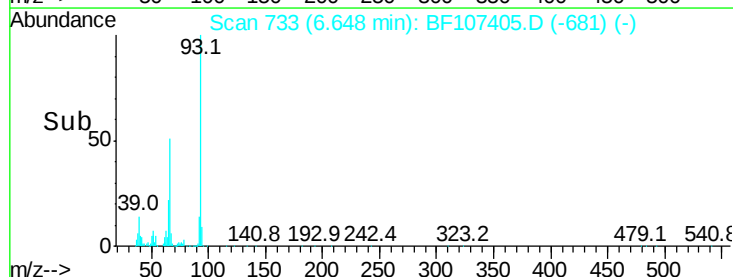
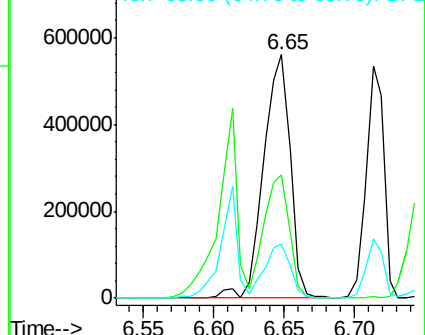
65 22.1 16.4 24.6

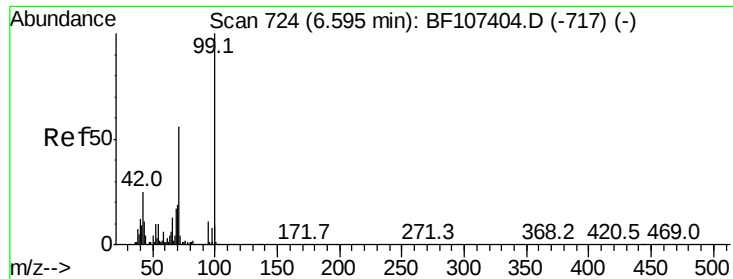


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.012 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

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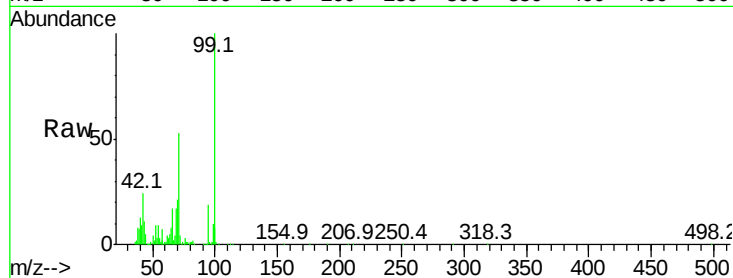
Tot Ion: 99 Resp: 1086763

Ion Ratio Lower Upper

99 100

42 24.4 14.5 21.7#

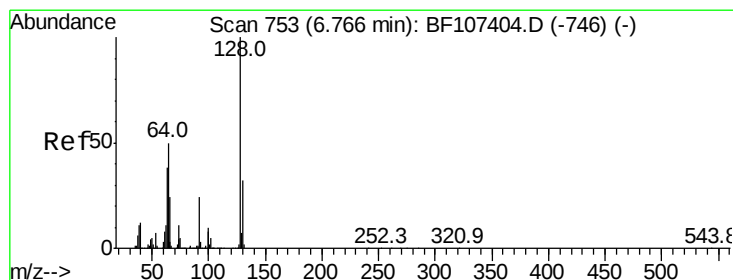
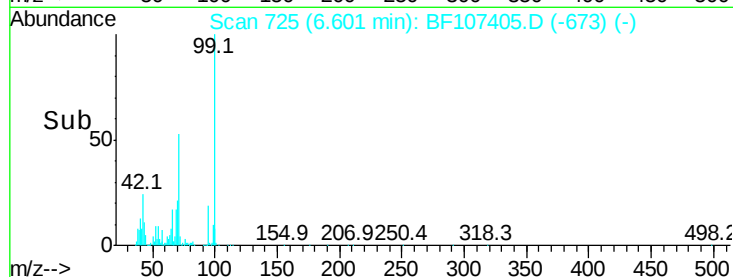
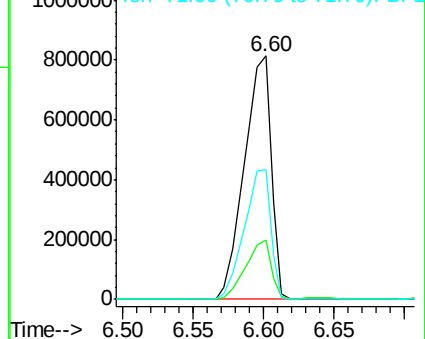
71 53.3 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.980 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

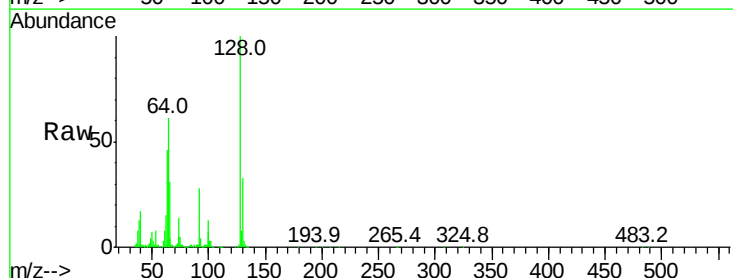
Tgt Ion:128 Resp: 424000

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

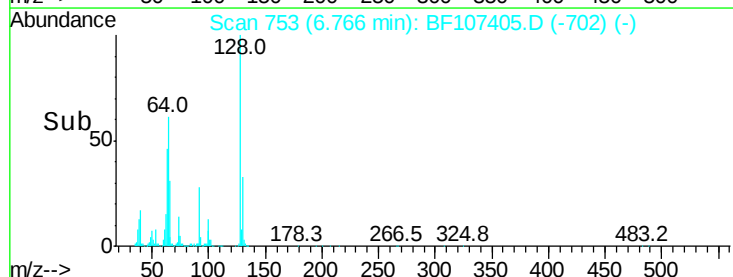
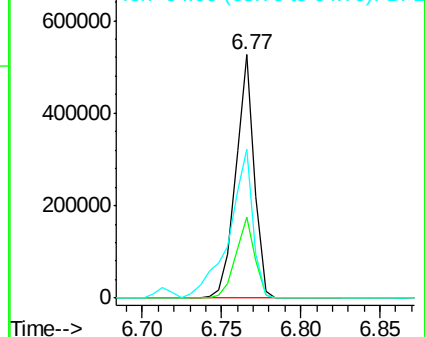
64 61.0 29.4 69.4

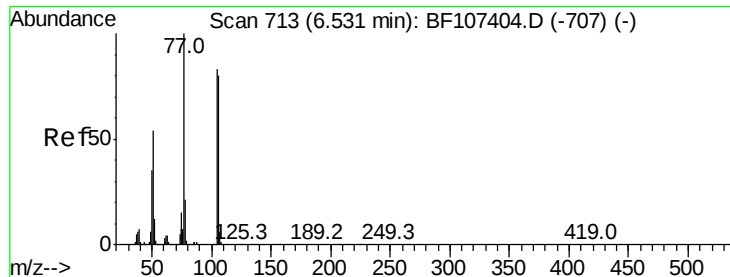


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 63.756 ng

RT: 6.54 min Scan# 714

Delta R.T. 0.01 min

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Instrument :

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ClientSampled :

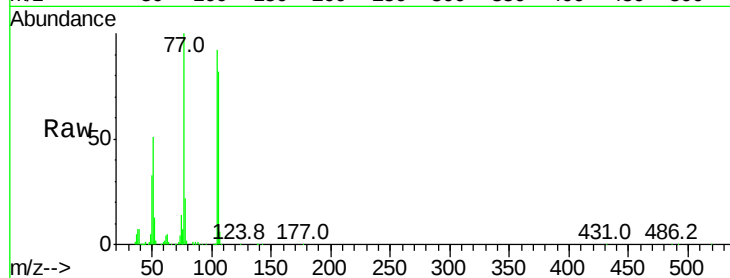
Tot Ion: 77 Resp: 438183

Ion Ratio Lower Upper

77 100

105 92.4 81.1 121.1

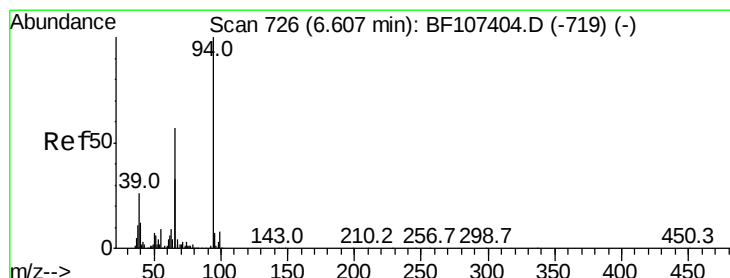
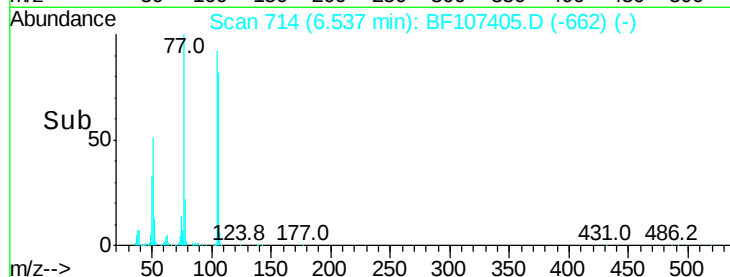
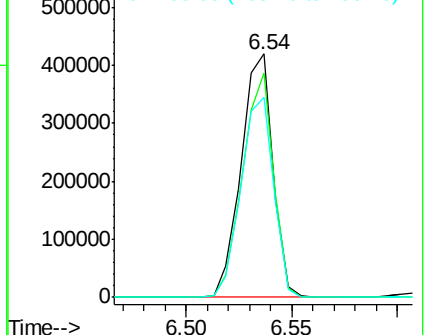
106 82.2 74.5 114.5



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: 49.372 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

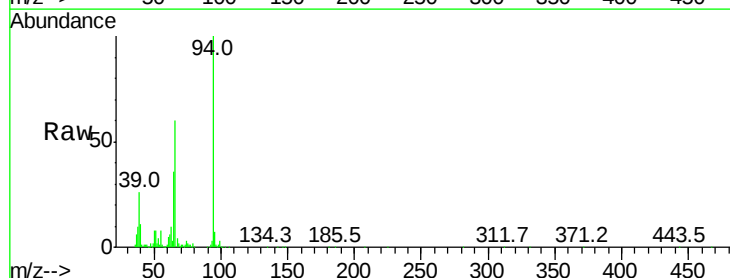
Tgt Ion: 94 Resp: 566920

Ion Ratio Lower Upper

94 100

65 35.6 7.9 47.9

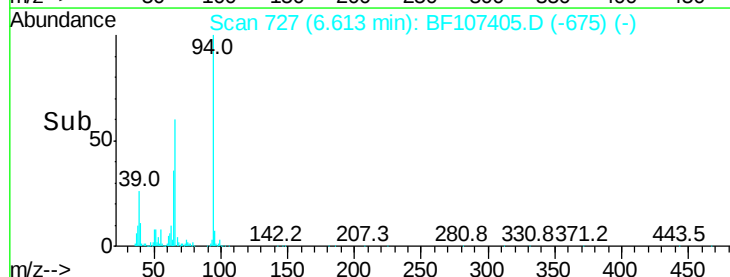
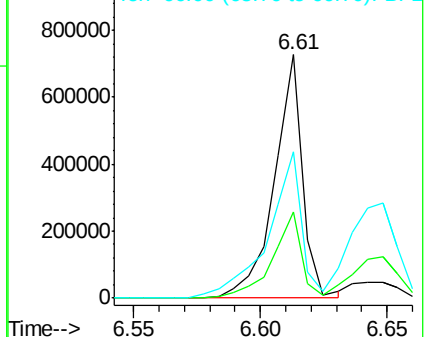
66 60.0 16.2 56.2#

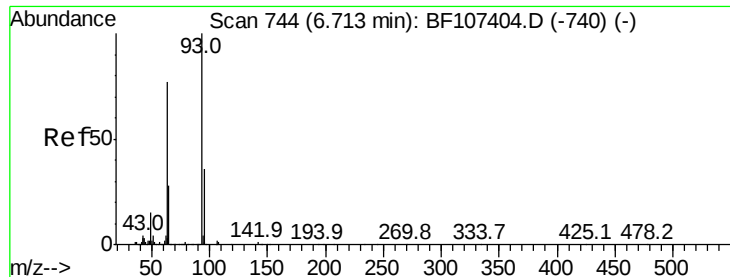


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 49.110 ng

RT: 6.71 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

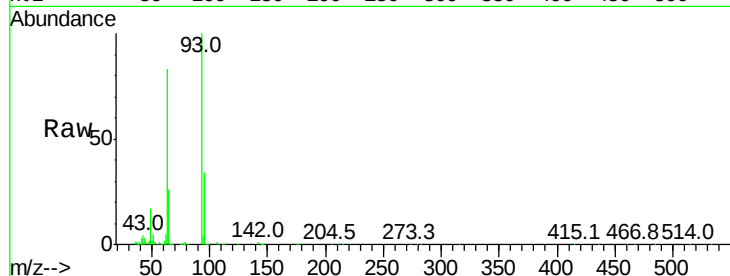
Tot Ion: 93 Resp: 465530

Ion	Ratio	Lower	Upper
93	100		
63	83.2	58.6	98.6
95	33.5	11.8	51.8

93 100

63 83.2 58.6 98.6

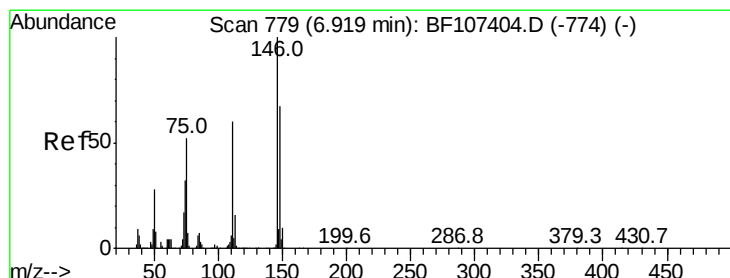
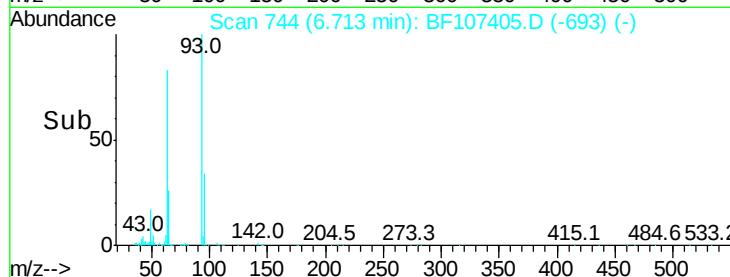
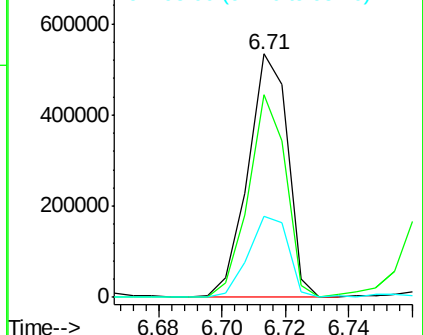
95 33.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 50.299 ng

RT: 6.92 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

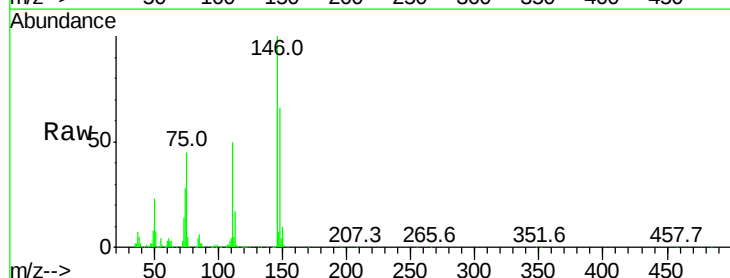
Tgt Ion: 146 Resp: 520601

Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
75	44.6	24.2	36.4

146 100

148 65.6 51.8 77.8

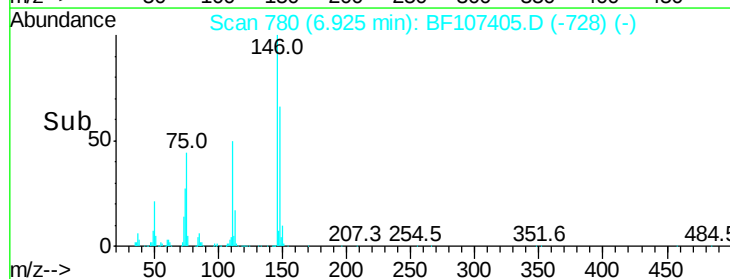
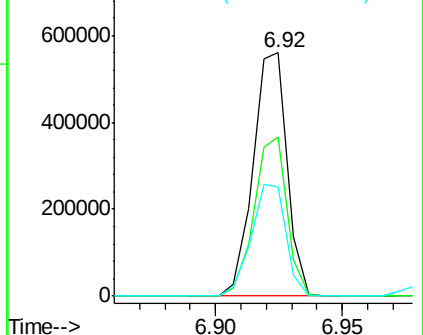
75 44.6 24.2 36.4

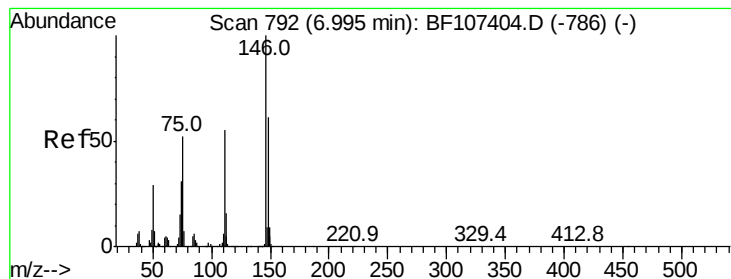


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 49.137 ng

RT: 7.00 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

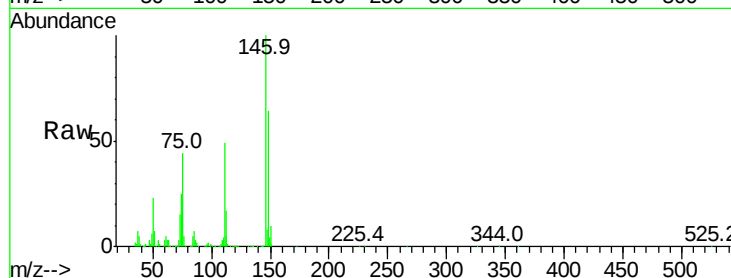
Tot Ion:146 Resp: 514165

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

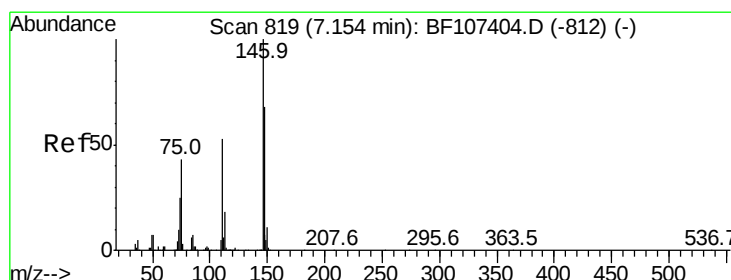
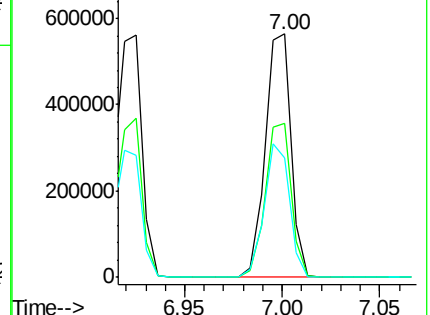
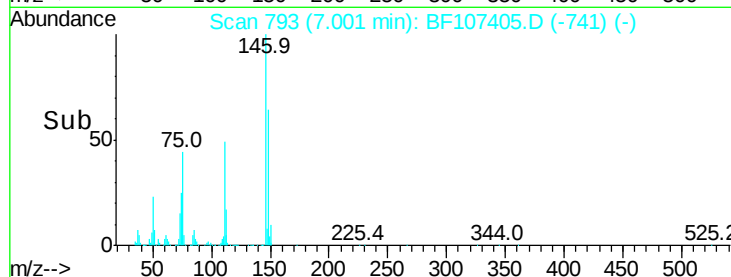
111 49.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 53.616 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.15 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

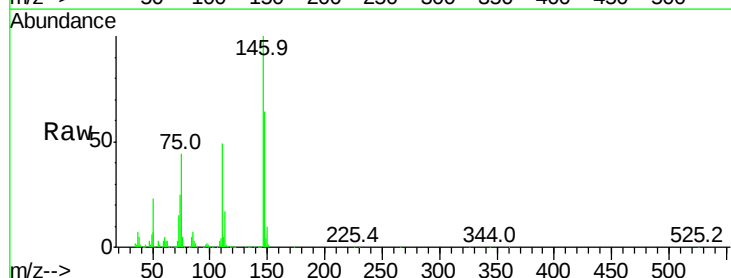
Tgt Ion:146 Resp: 514165

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

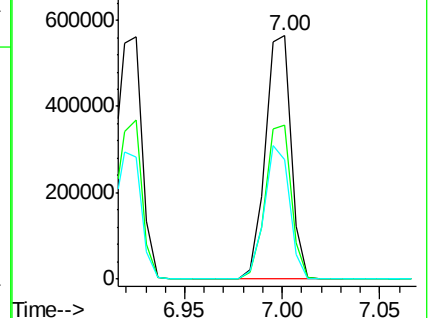
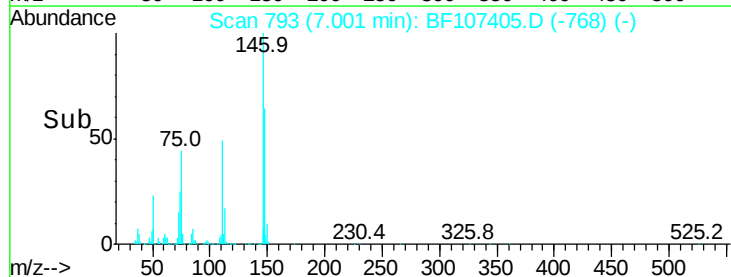
111 49.3 36.0 54.0

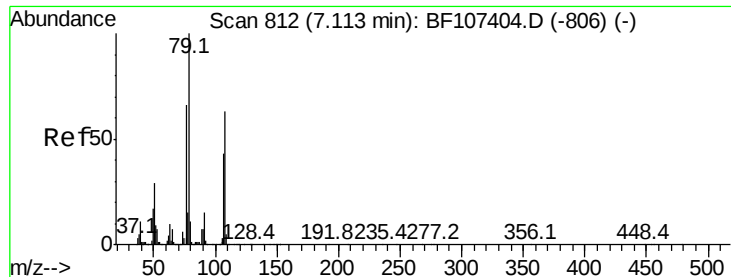


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 71.423 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

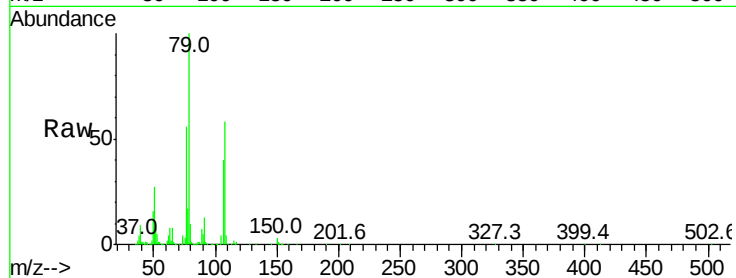
BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 577031

Ion Ratio Lower Upper

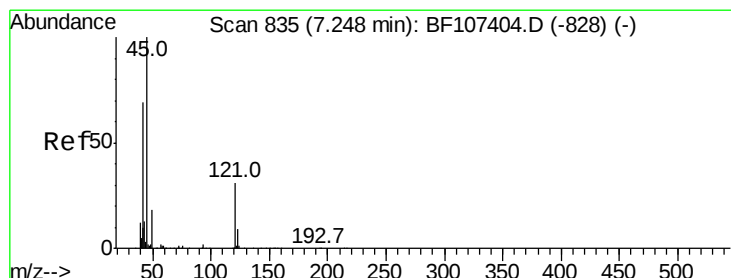
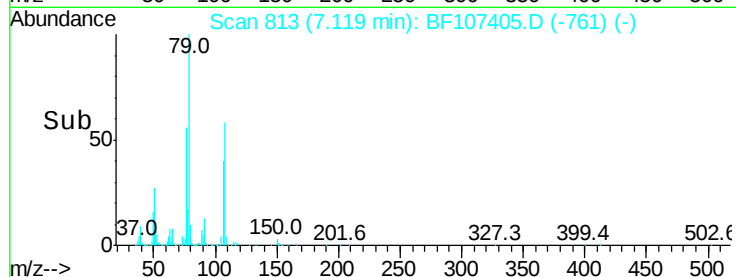
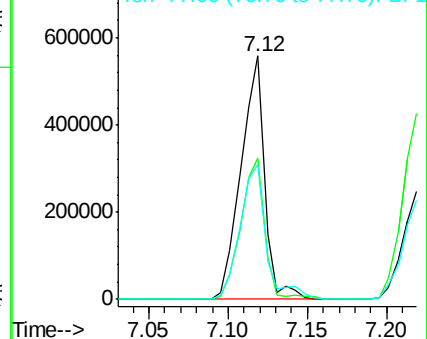
79	100		
108	57.8	65.1	97.7#
77	55.6	50.6	75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.627 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

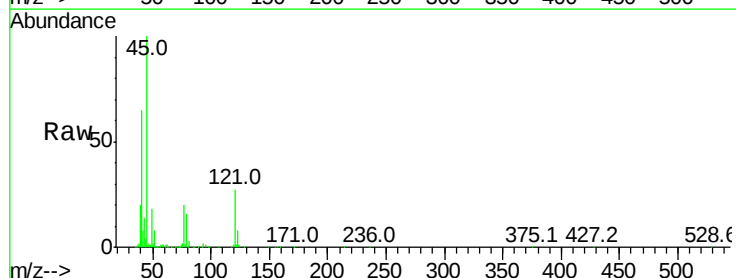
Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion: 45 Resp: 517731

Ion Ratio Lower Upper

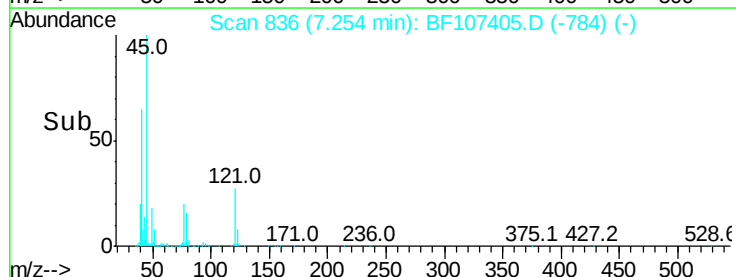
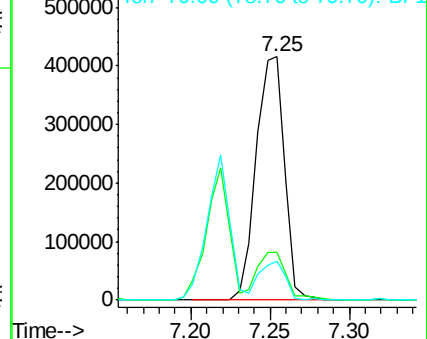
45	100		
77	19.9	0.0	32.9
79	15.8	0.0	29.6

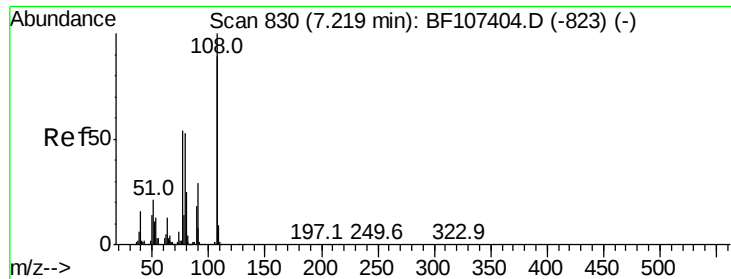


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

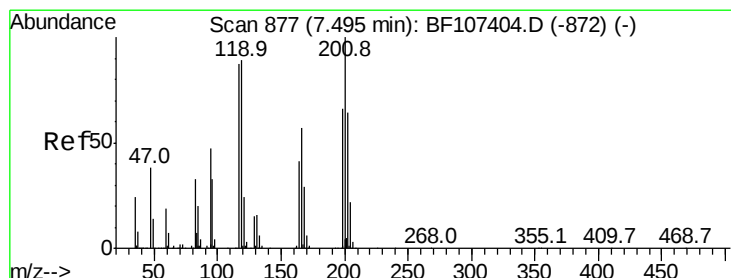
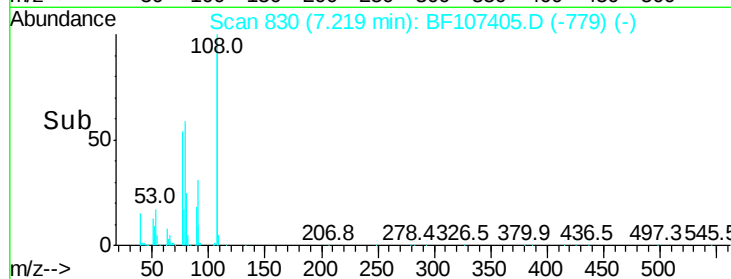
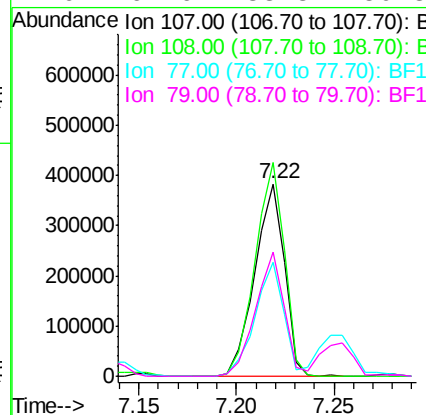
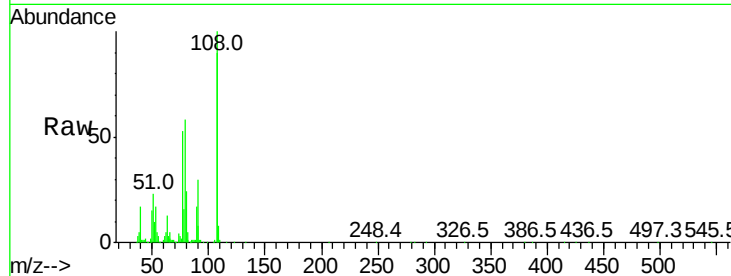




#17
2-Methylphenol
Concen: 53.349 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

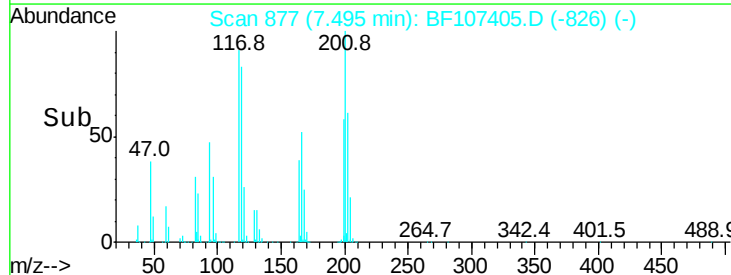
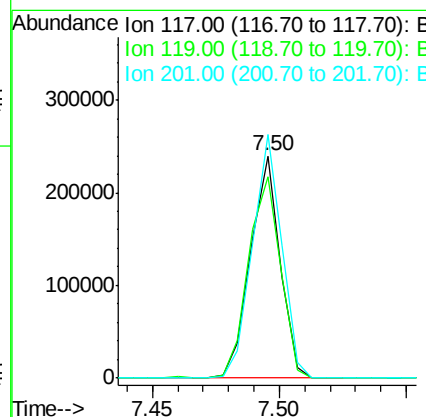
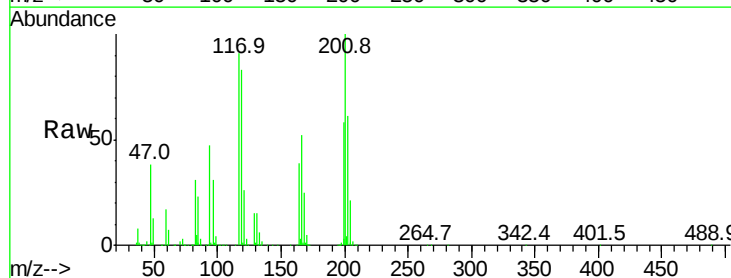
Instrument :
BNA_F
ClientSampleId :

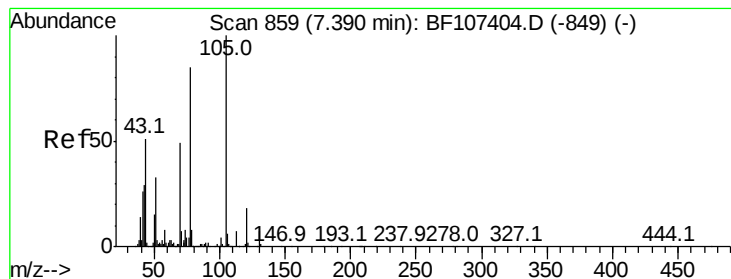
Tot Ion:107 Resp: 403445
Ion Ratio Lower Upper
107 100
108 111.0 91.7 137.5
77 59.2 33.8 50.8#
79 64.6 33.8 50.8#



#18
Hexachloroethane
Concen: 52.869 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion:117 Resp: 194542
Ion Ratio Lower Upper
117 100
119 91.1 75.8 113.8
201 109.8 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 59.440 ng

RT: 7.40 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

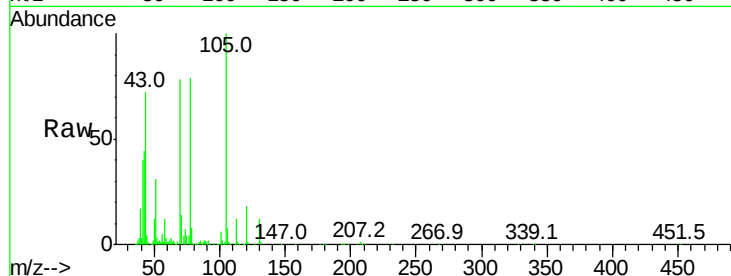
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 394222

Ion Ratio Lower Upper

70	100		
42	57.0	47.5	71.3
101	7.6	7.4	11.2
130	15.1	16.6	25.0#



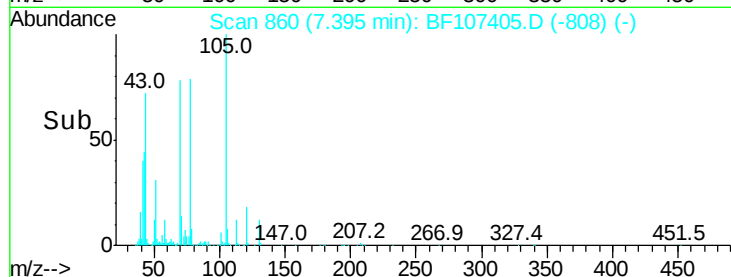
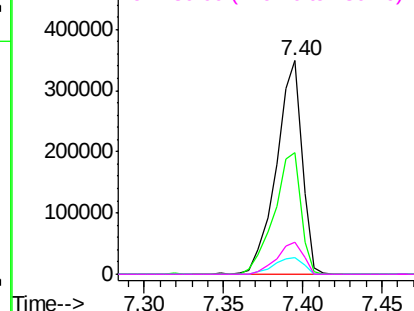
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 57.359 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion: 107 Resp: 502069

Ion Ratio Lower Upper

107	100		
108	89.0	68.2	108.2
77	71.5	26.7	66.7#
79	43.2	6.3	46.3

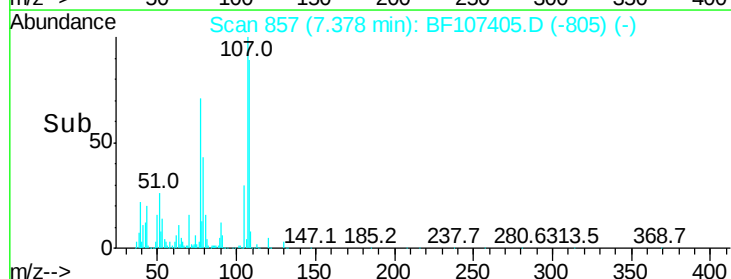
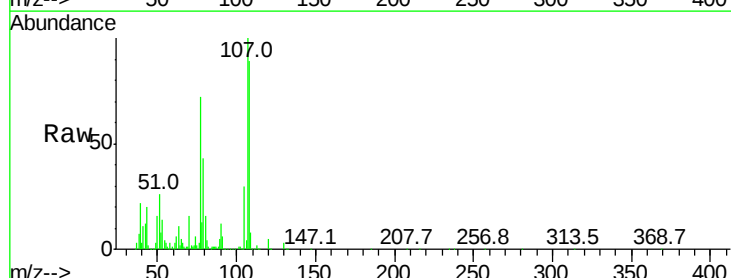
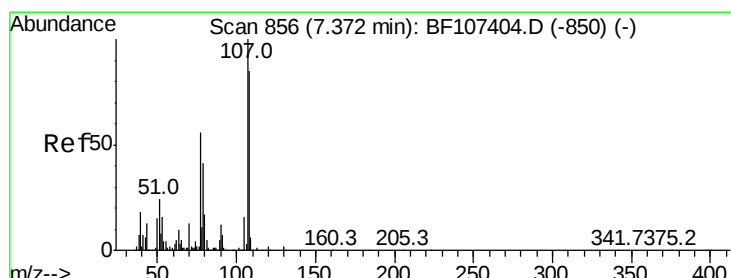
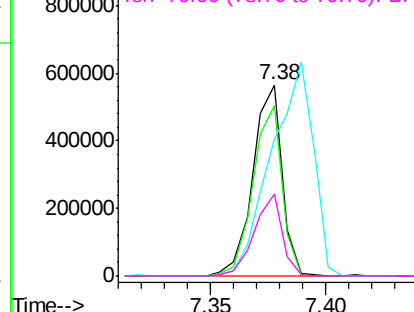
Abundance

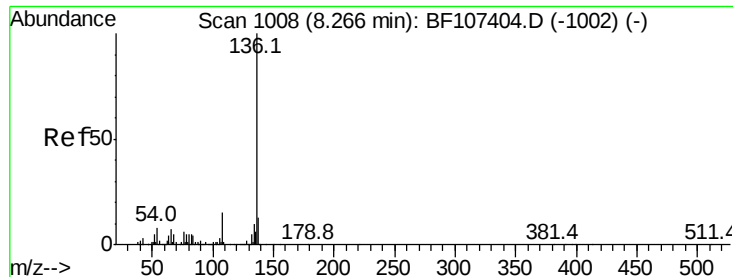
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 508278

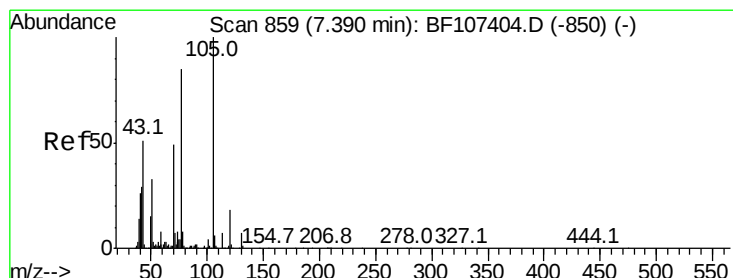
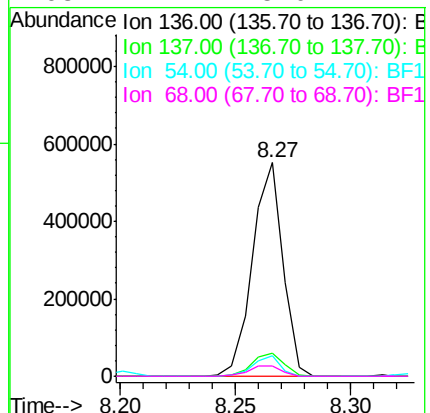
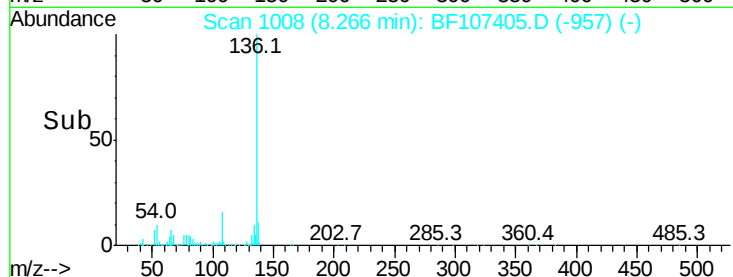
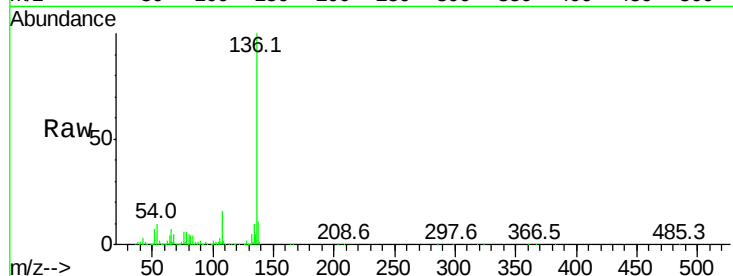
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.6 6.6 9.8

68 4.7 5.0 7.4#



#22

Acetophenone

Concen: 58.819 ng

RT: 7.39 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:105 Resp: 668857

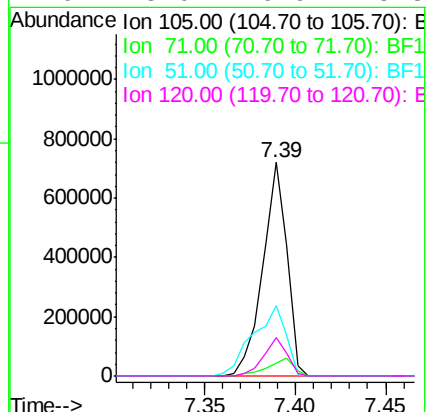
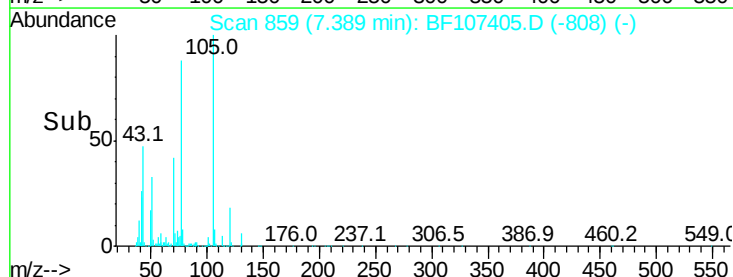
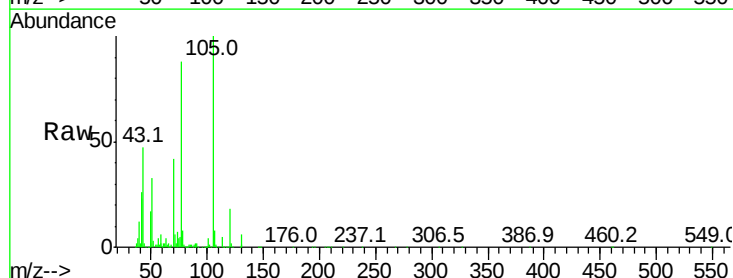
Ion Ratio Lower Upper

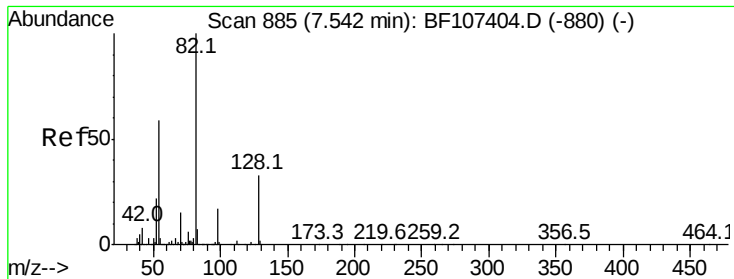
105 100

71 6.0 4.4 6.6

51 33.2 22.3 33.5

120 18.0 16.9 25.3





#23

Nitrobenzene-d5

Concen: 111.534 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

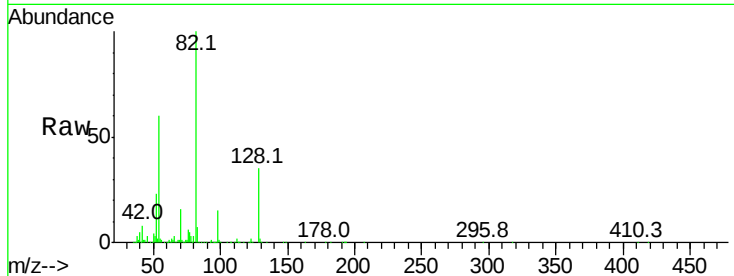
Tot Ion: 82 Resp: 1020091

Ion Ratio Lower Upper

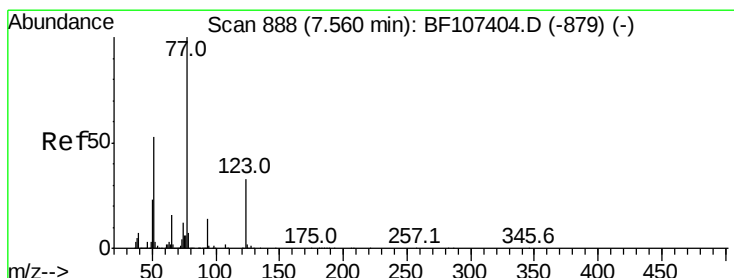
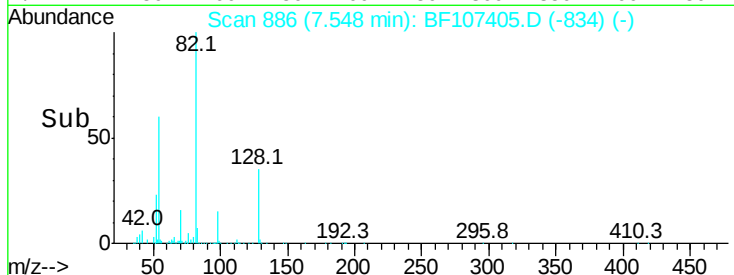
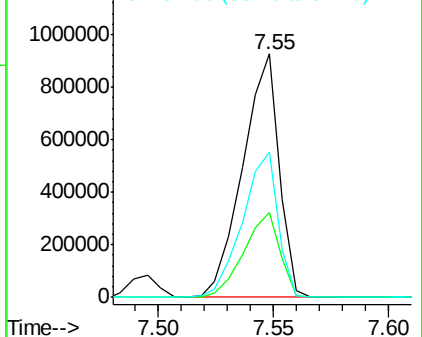
82 100

128 35.0 36.1 54.1#

54 59.5 41.4 62.2



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



#24

Nitrobenzene

Concen: 60.794 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

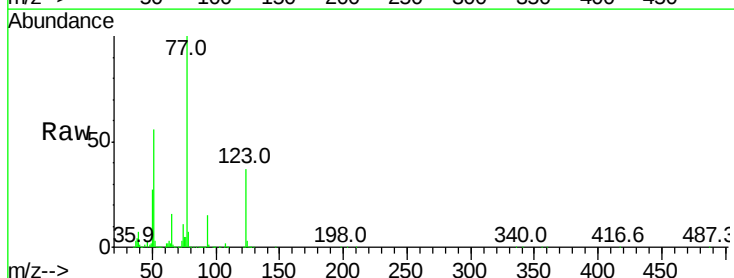
Tgt Ion: 77 Resp: 567679

Ion Ratio Lower Upper

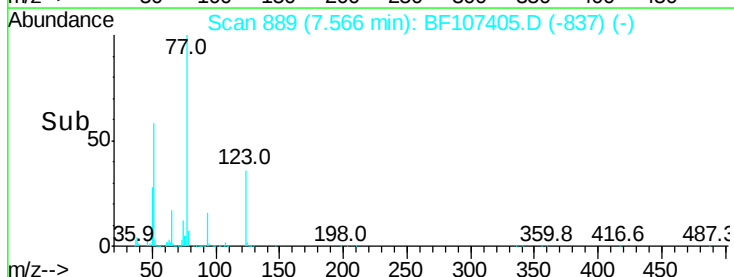
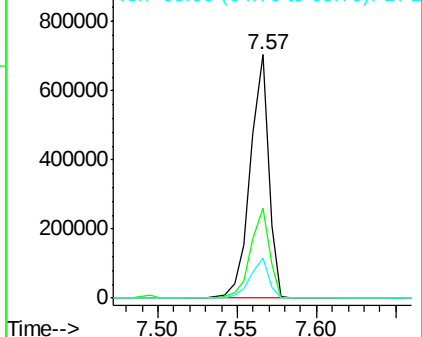
77 100

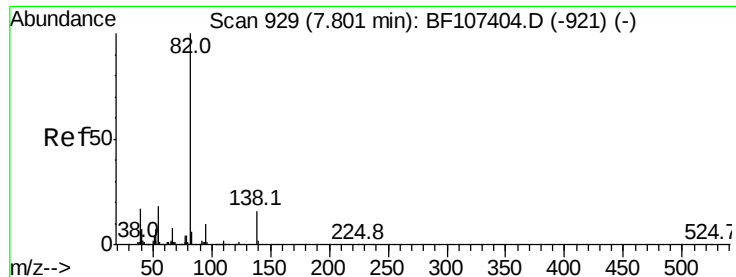
123 36.8 37.9 56.9#

65 16.4 11.0 16.4



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





#25

Isophorone

Concen: 56.421 ng

RT: 7.80 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

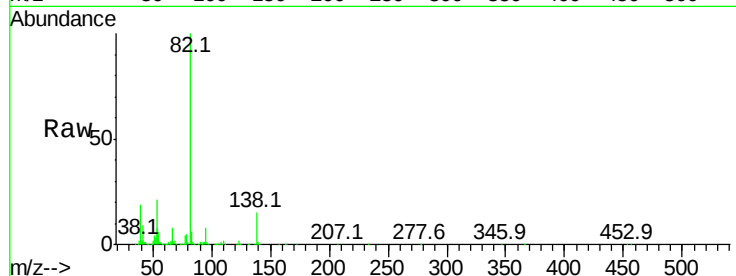
Tot Ion: 82 Resp: 909324

Ion Ratio Lower Upper

82 100

95 8.2 5.2 7.8#

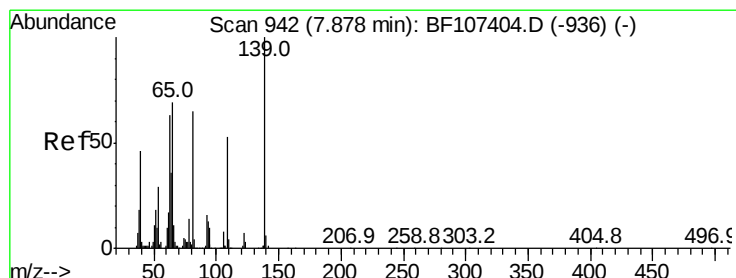
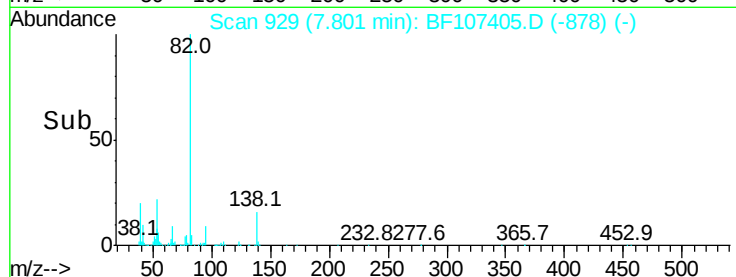
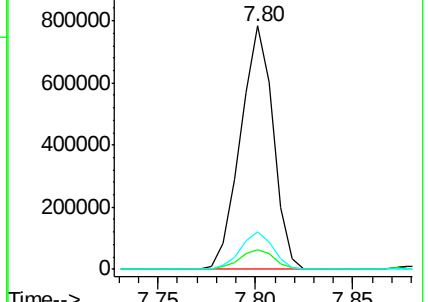
138 15.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.794 ng

RT: 7.88 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

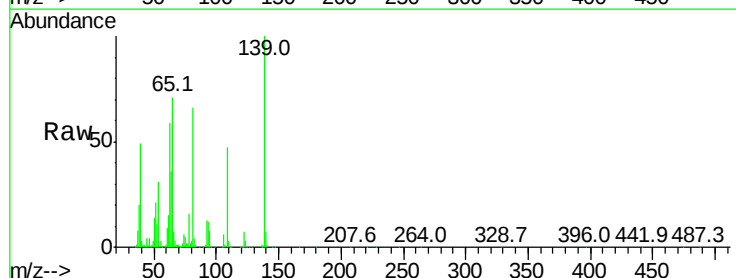
Tgt Ion: 139 Resp: 197453

Ion Ratio Lower Upper

139 100

109 47.0 22.7 34.1#

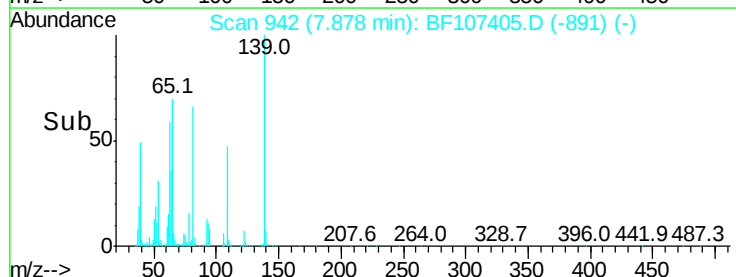
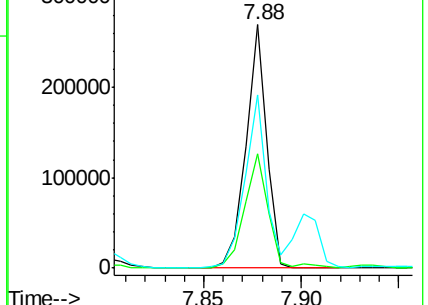
65 71.0 40.5 60.7#

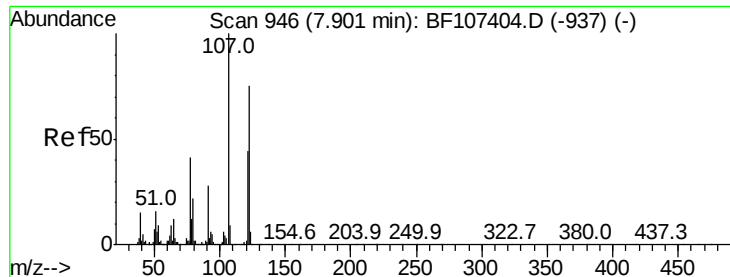


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 55.315 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

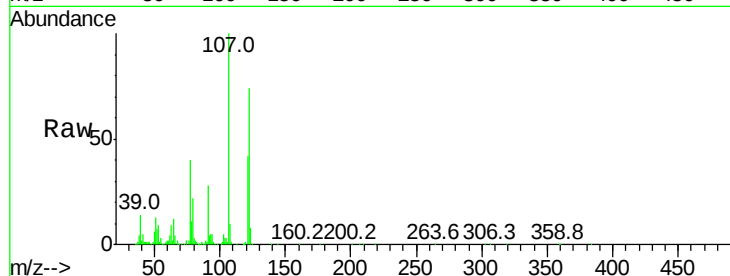
Tot Ion:122 Resp: 376878

Ion Ratio Lower Upper

122 100

107 136.0 91.2 136.8

121 56.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

600000

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

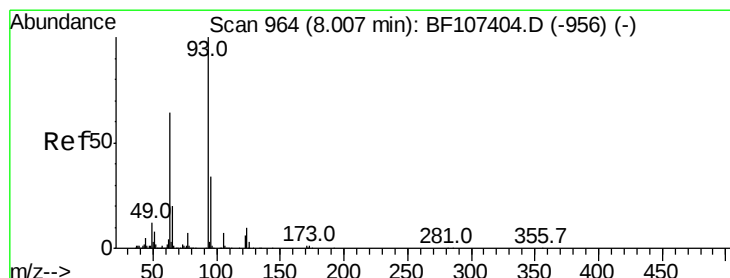
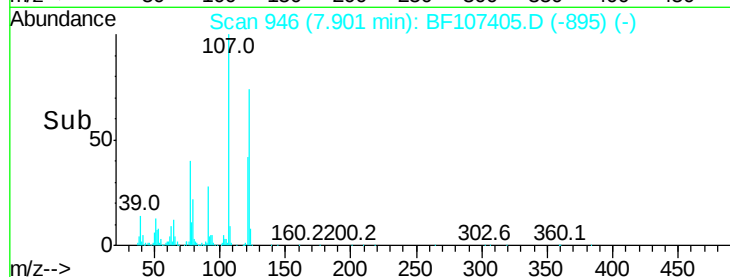
400000

200000

0

7.85 7.90 7.95

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 52.642 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

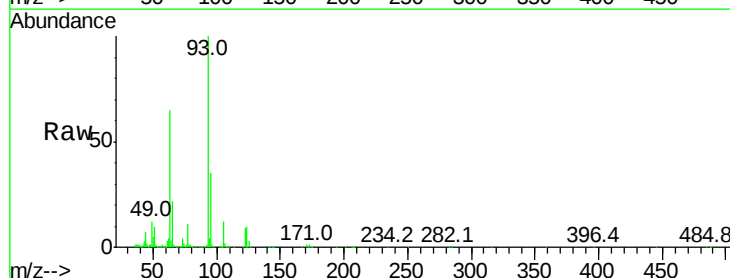
Tgt Ion: 93 Resp: 569644

Ion Ratio Lower Upper

93 100

95 35.5 26.3 39.5

123 10.5 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

800000

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

600000

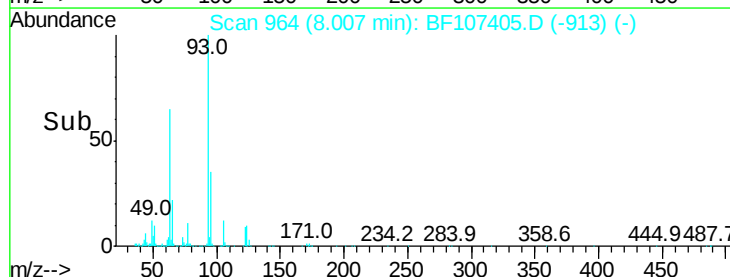
400000

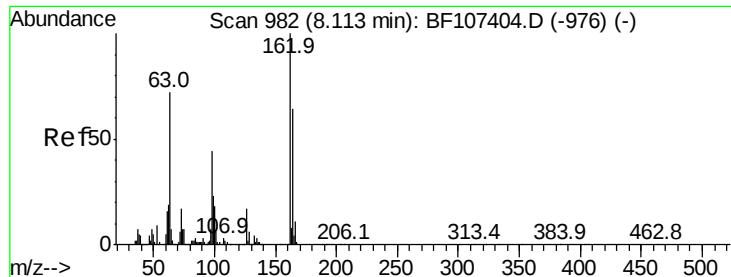
200000

0

7.95 8.00 8.05

Time-->

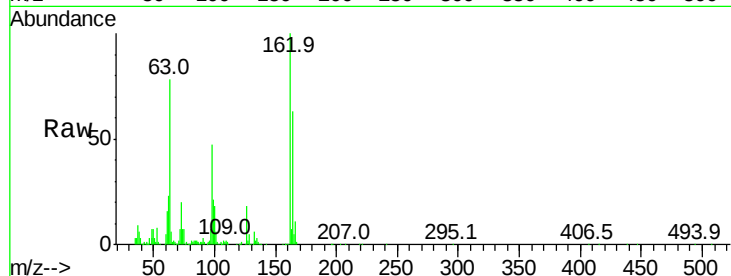




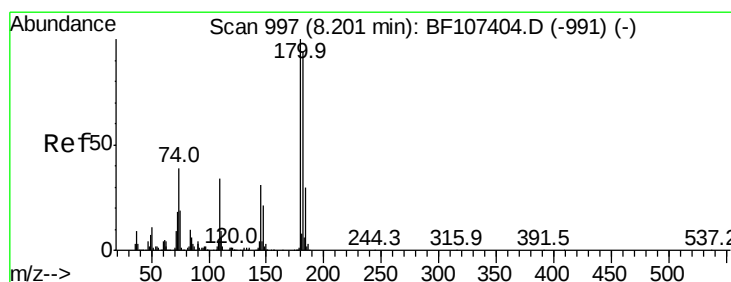
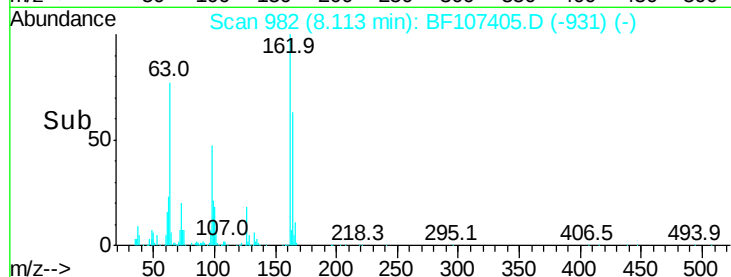
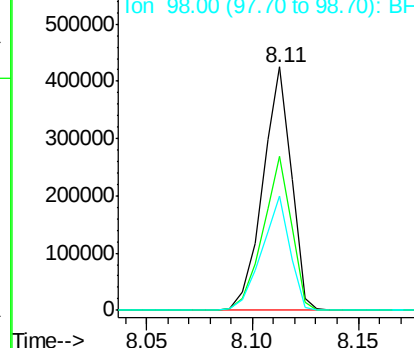
#29
2,4-Dichlorophenol
Concen: 55.823 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	47.0	18.1	58.1

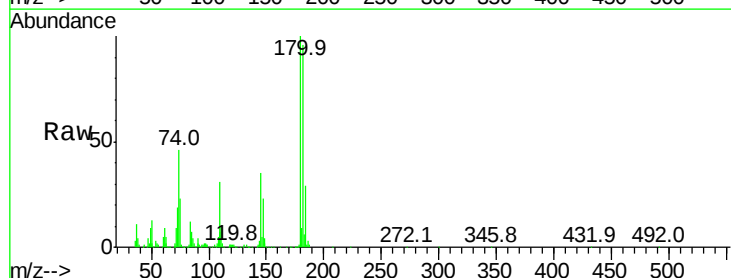


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

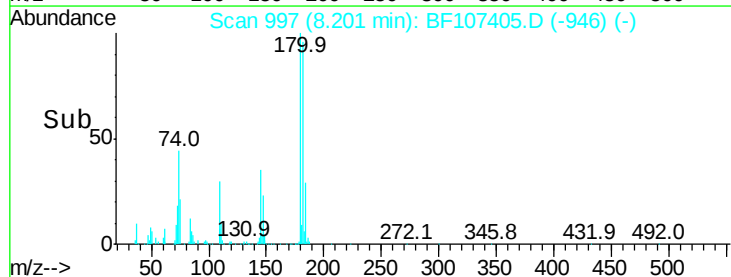
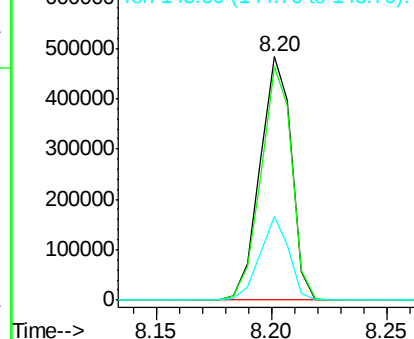


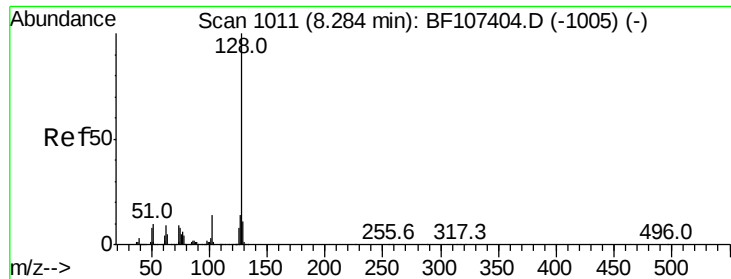
#30
1,2,4-Trichlorobenzene
Concen: 58.161 ng
RT: 8.20 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	34.6	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

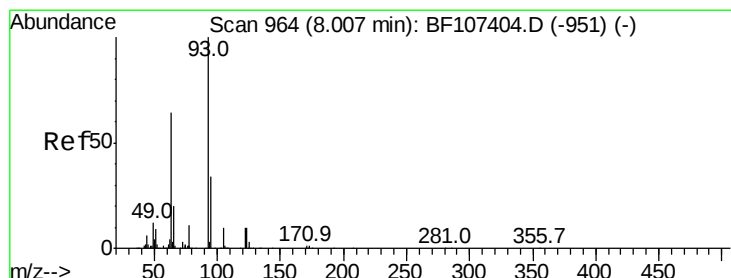
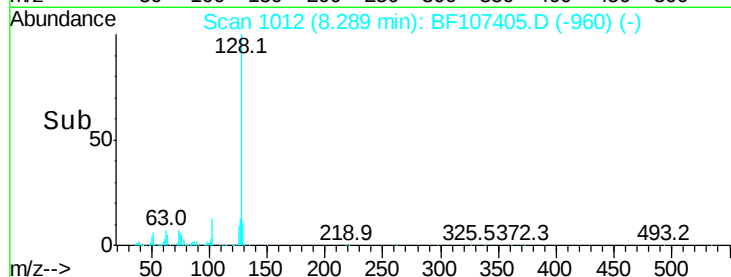
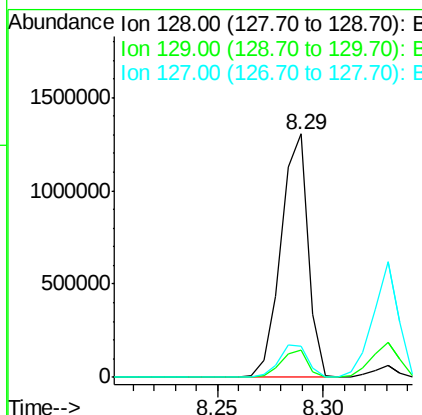
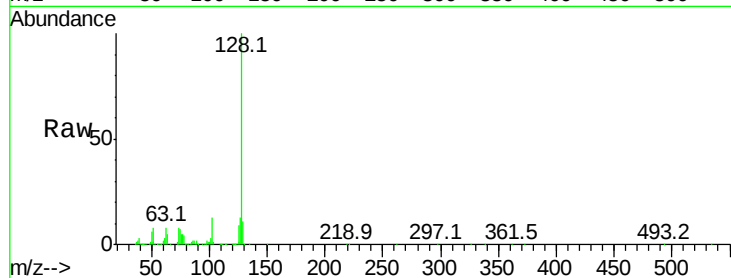




#31
Naphthalene
Concen: 49.259 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

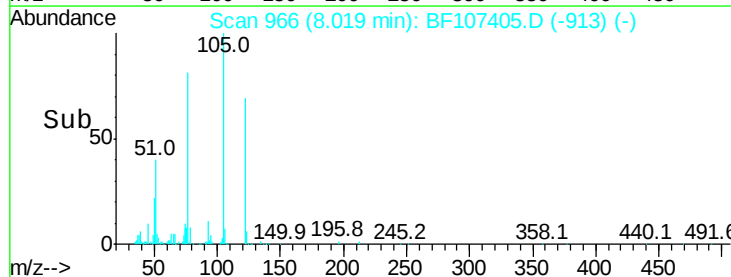
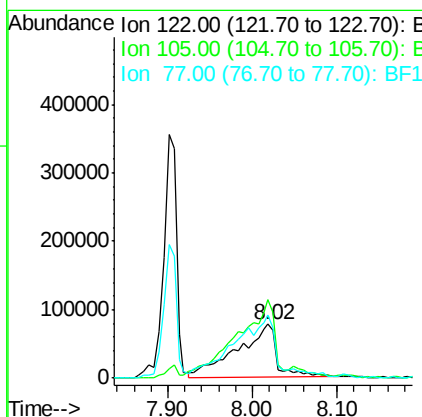
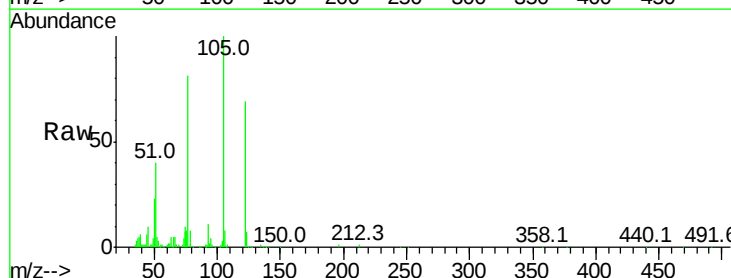
Instrument :
BNA_F
ClientSampleId :

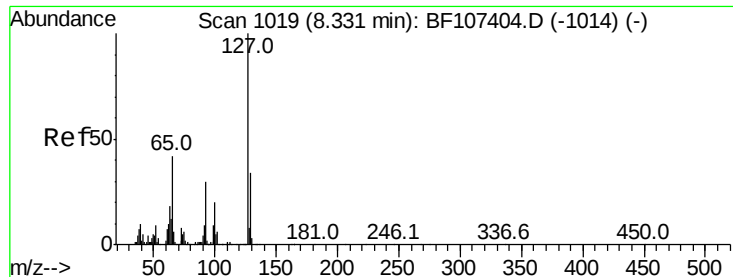
Tot Ion:128 Resp: 1170557
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.9 16.3



#32
Benzoic acid
Concen: 56.312 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion:122 Resp: 258034
Ion Ratio Lower Upper
122 100
105 145.2 101.1 141.1#
77 117.6 70.7 110.7#

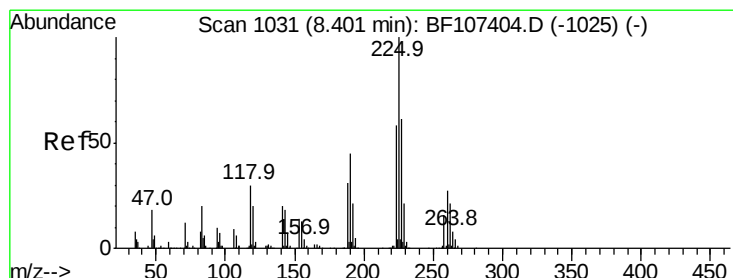
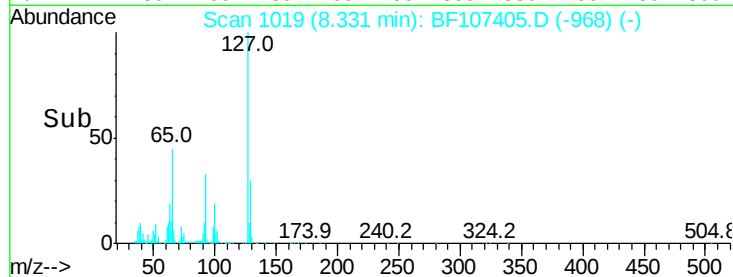
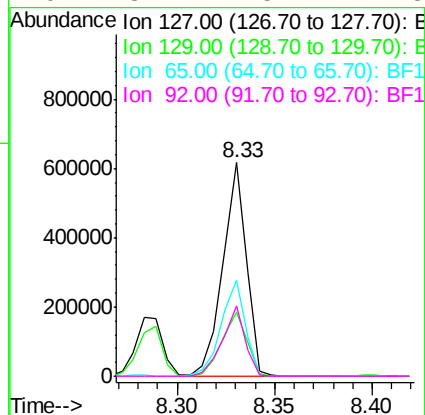
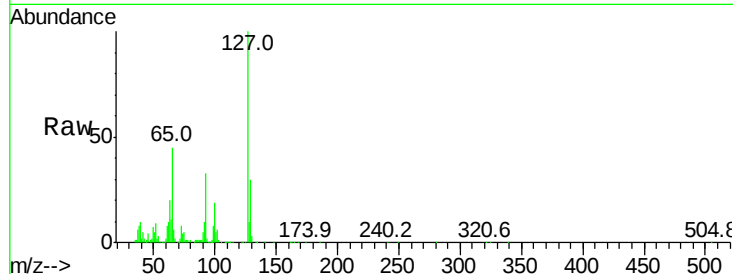




#33
4-Chloroaniline
Concen: 51.940 ng
RT: 8.33 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

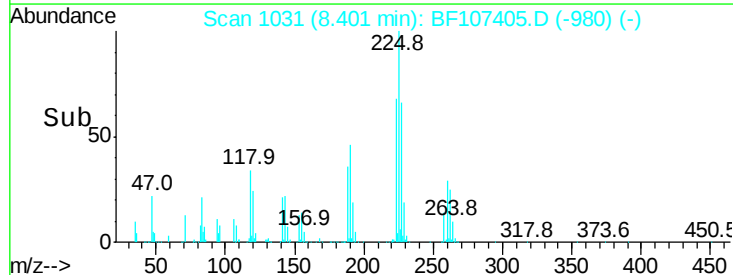
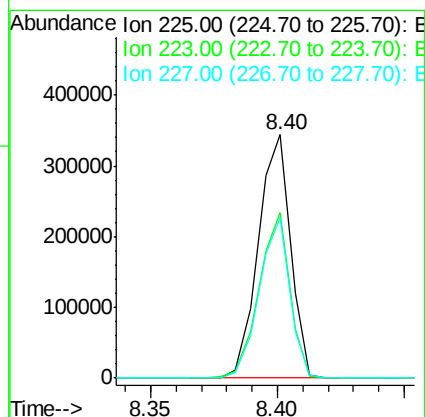
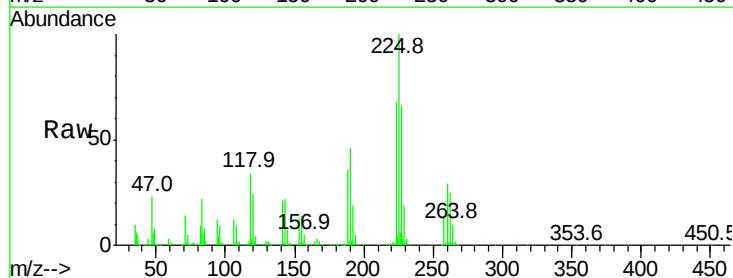
Instrument :
BNA_F
ClientSampleId :

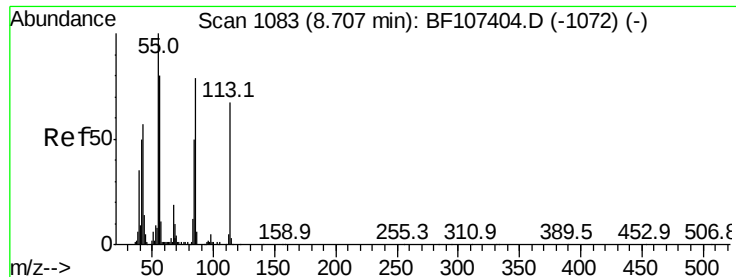
Tot Ion:	127	Resp:	517893
Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.9	38.9
65	44.7	25.0	37.4#
92	32.7	15.2	22.8#



#34
Hexachlorobutadiene
Concen: 59.581 ng
RT: 8.40 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion:	225	Resp:	305067
Ion	Ratio	Lower	Upper
225	100		
223	68.1	50.6	76.0
227	65.9	51.9	77.9

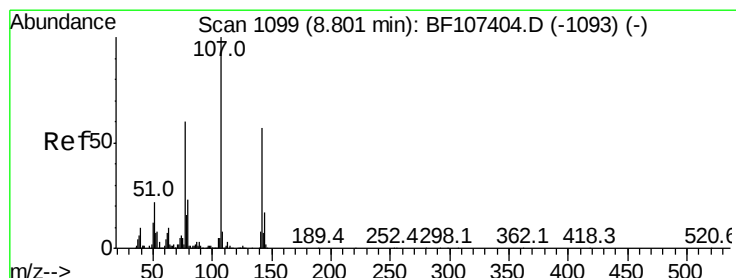
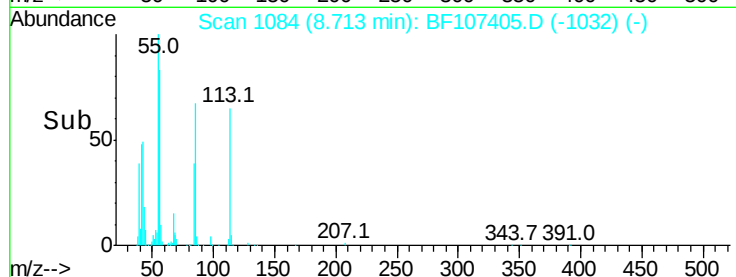
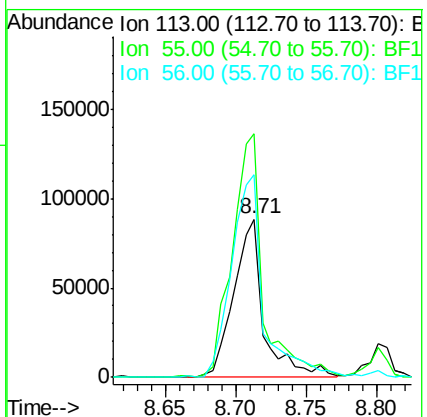
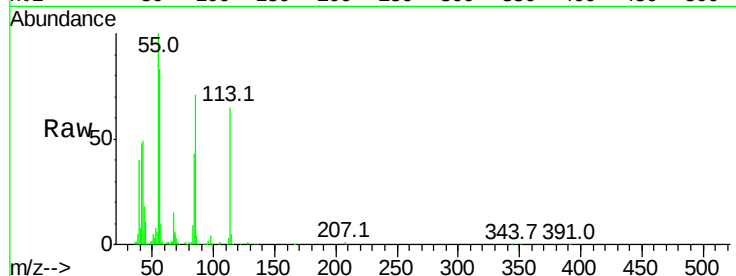




#35
 Caprolactam
 Concen: 56.532 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

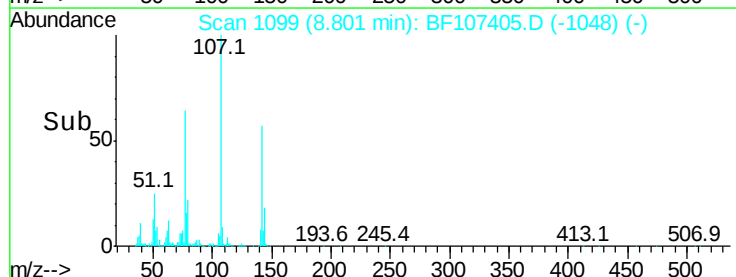
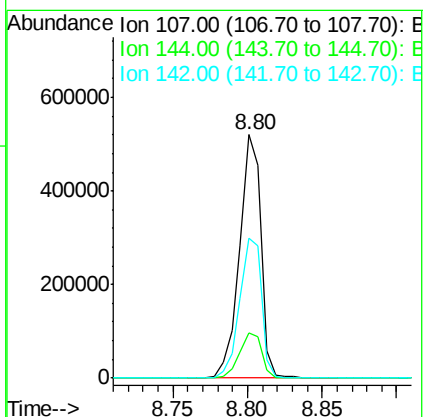
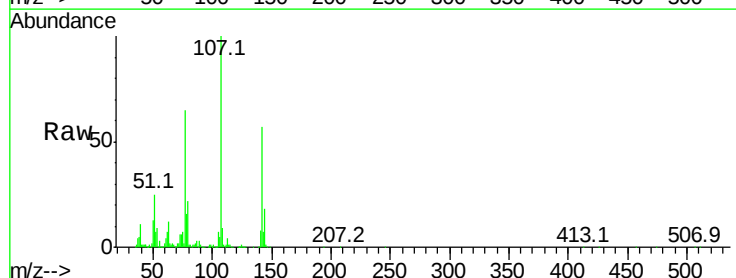
Instrument :
 BNA_F
 ClientSampleId :

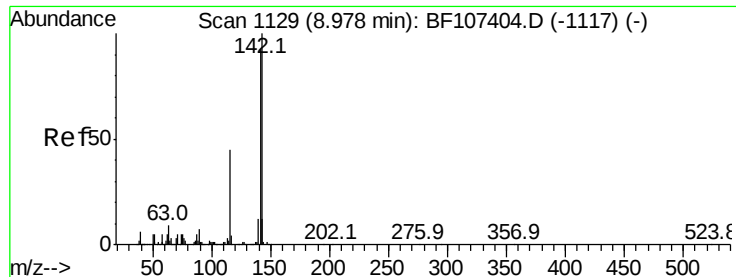
Tot Ion:113 Resp: 131446
 Ion Ratio Lower Upper
 113 100
 55 153.6 163.3 203.3#
 56 128.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 69.438 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion:107 Resp: 521342
 Ion Ratio Lower Upper
 107 100
 144 18.4 20.5 30.7#
 142 57.3 62.0 93.0#

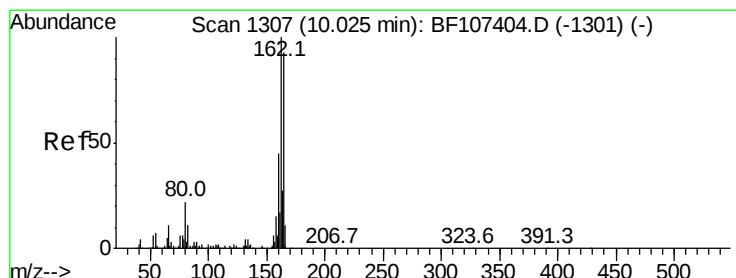
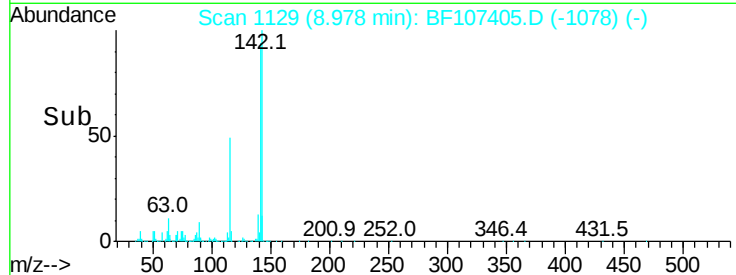
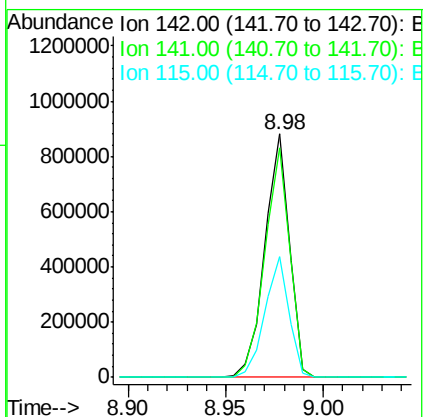
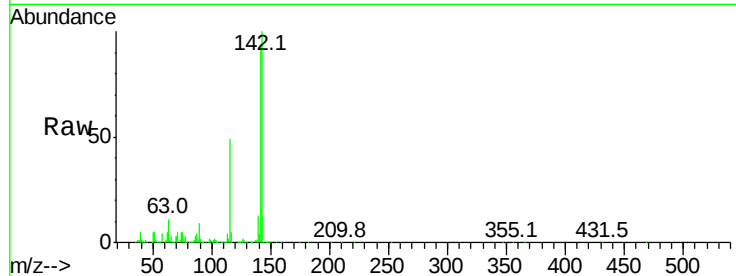




#37
2-Methylnaphthalene
Concen: 48.570 ng
RT: 8.98 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

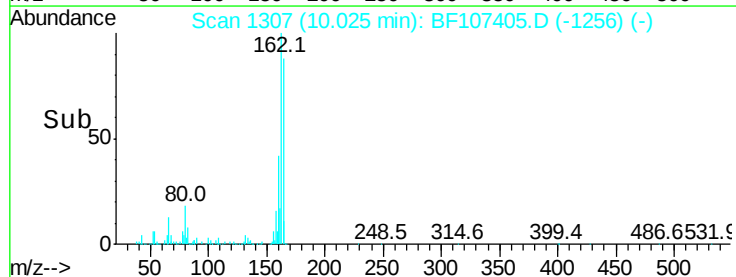
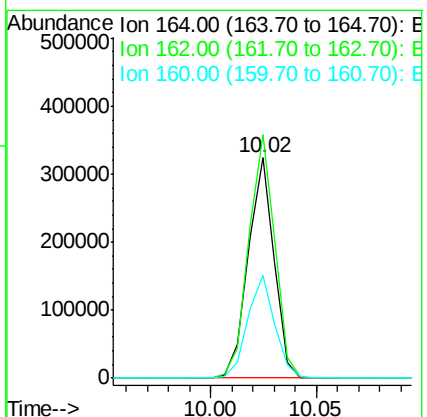
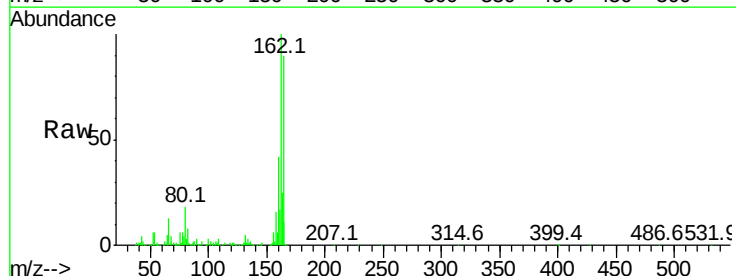
Instrument :
BNA_F
ClientSampled :

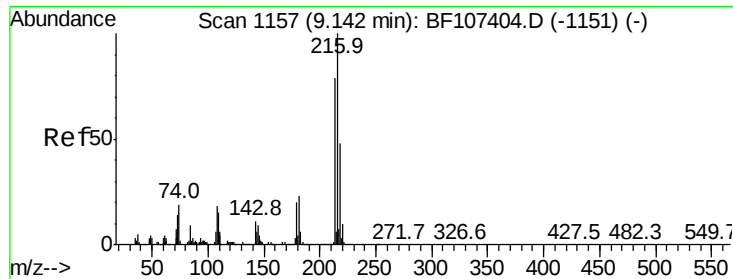
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.2	70.8	106.2
115	49.4	26.1	39.1#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.6	86.1	129.1
160	46.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.478 ng

RT: 9.14 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 477222

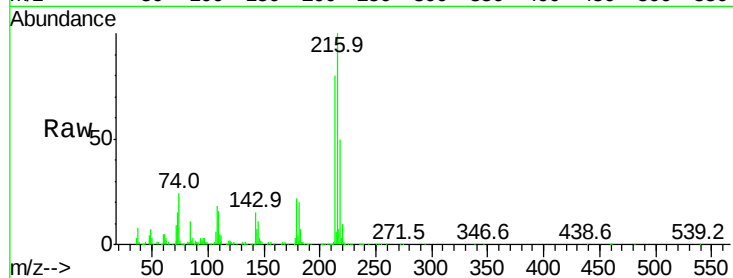
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.3 18.1 27.1

108 22.4 17.2 25.8

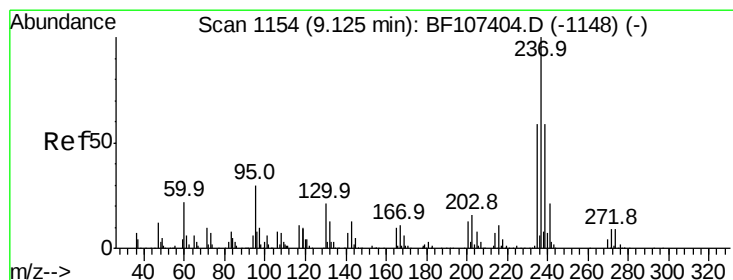
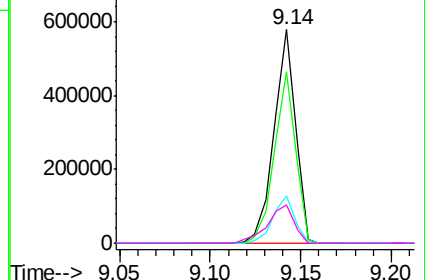
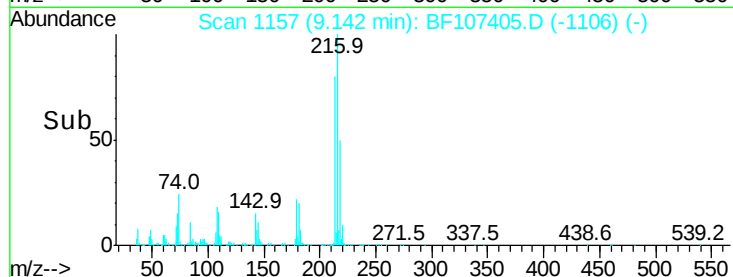


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 57.245 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

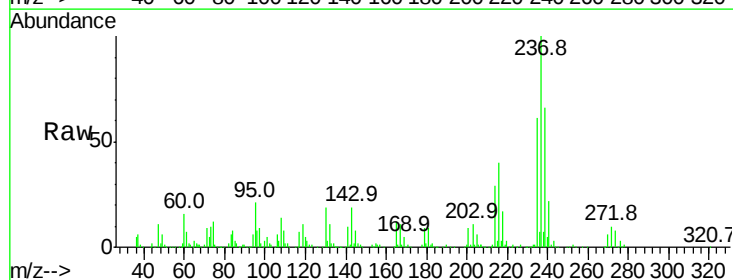
Tgt Ion:237 Resp: 273039

Ion Ratio Lower Upper

237 100

235 61.4 44.8 84.8

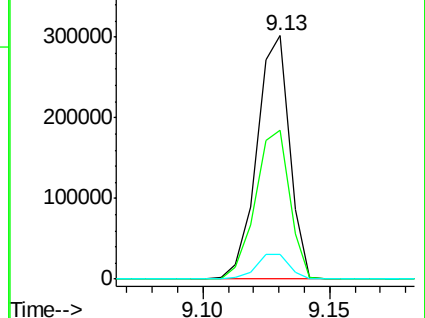
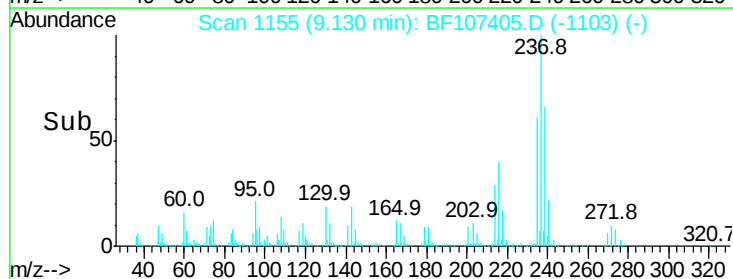
272 10.4 0.0 33.3

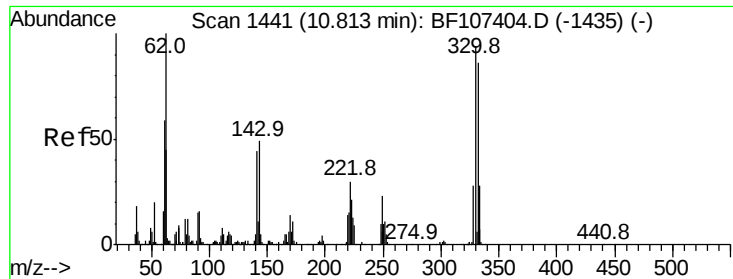


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 69.773 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

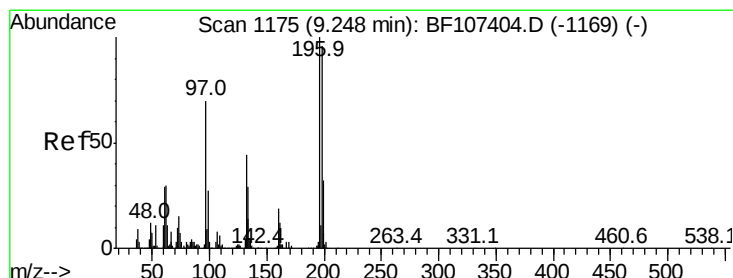
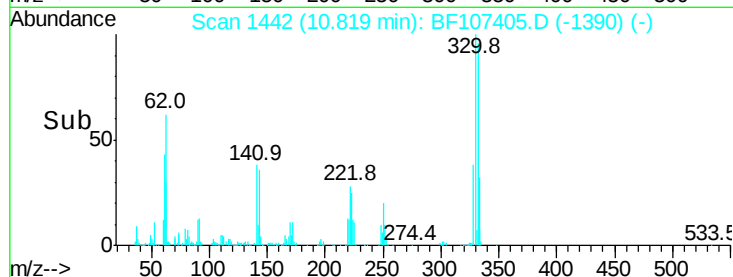
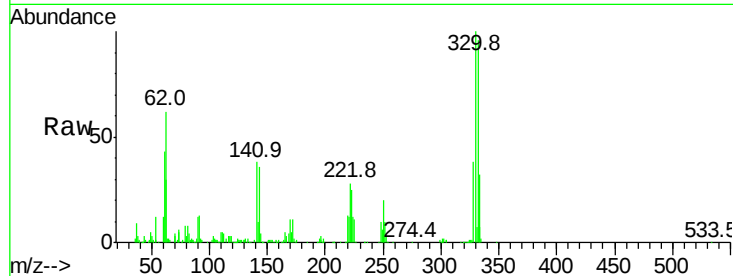
Tot Ion:330 Resp: 222613

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

141 49.5 29.9 44.9#



#42

2,4,6-Trichlorophenol

Concen: 51.824 ng

RT: 9.25 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

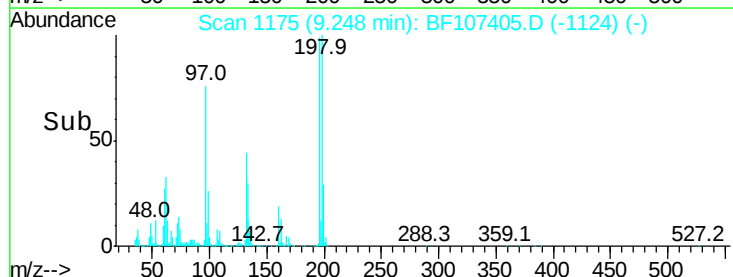
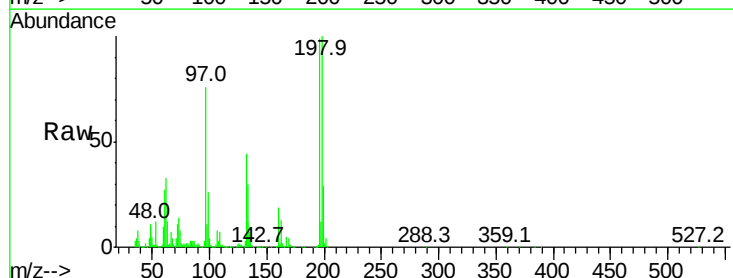
Tgt Ion:196 Resp: 319355

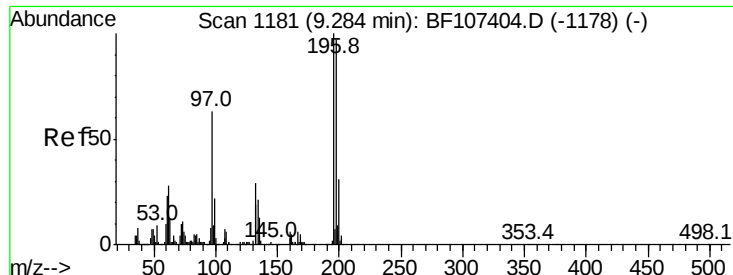
Ion Ratio Lower Upper

196 100

198 101.4 75.7 113.5

200 29.7 24.5 36.7

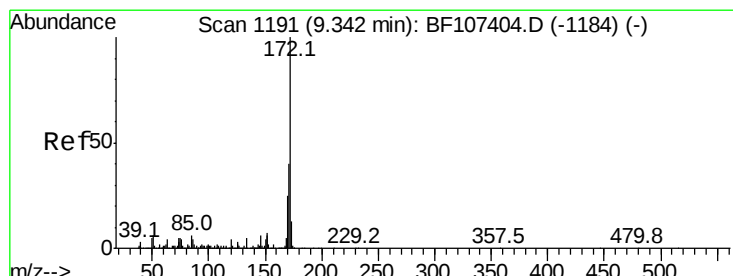
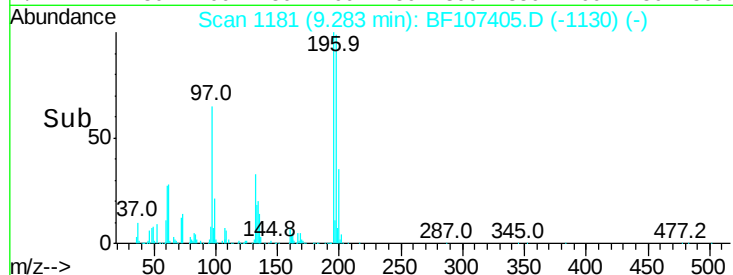
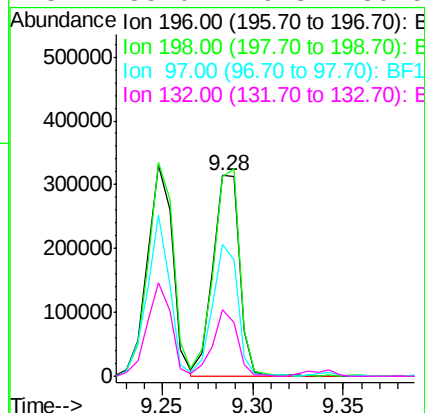
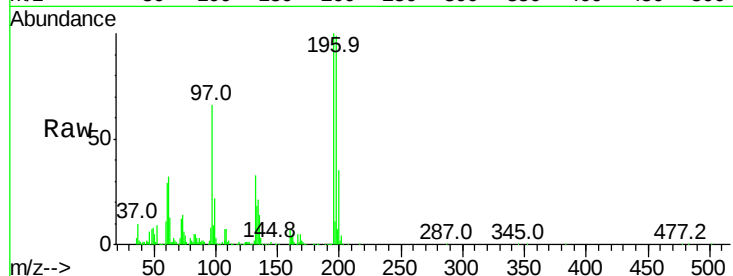




#43
 2,4,5-Trichlorophenol
 Concen: 49.917 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

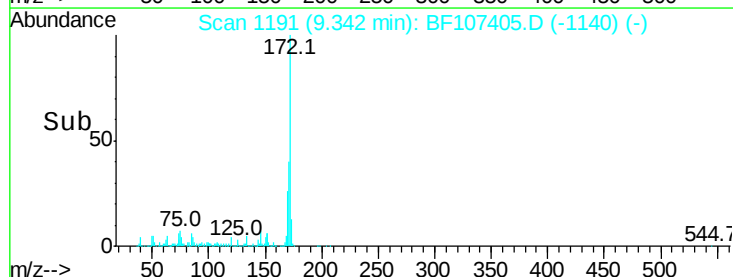
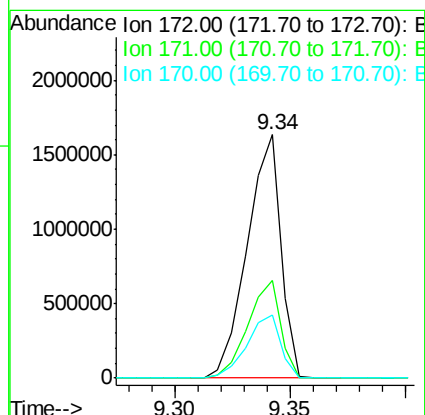
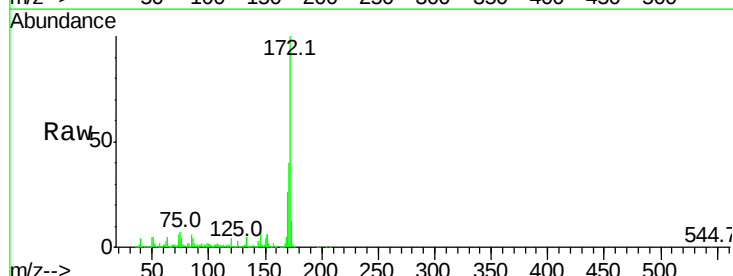
Instrument :
 BNA_F
 ClientSampleId :

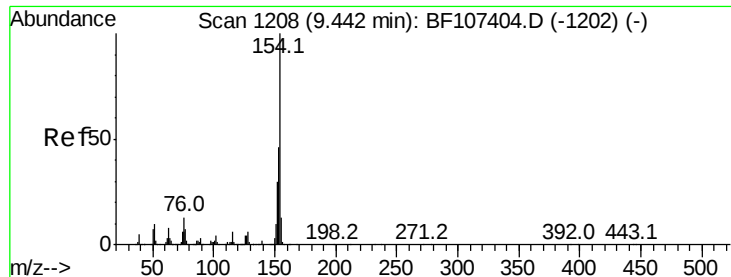
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	74.6	112.0
97	65.9	42.9	64.3
132	33.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 92.343 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.1	29.7	44.5
170	25.8	19.6	29.4



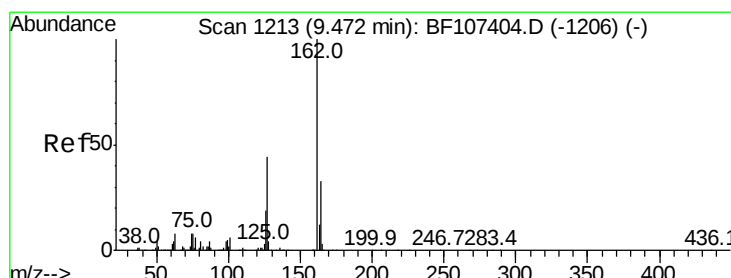
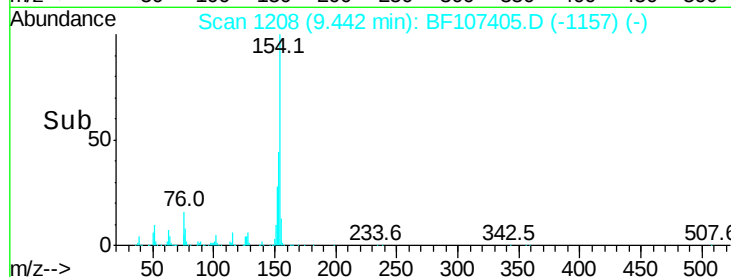
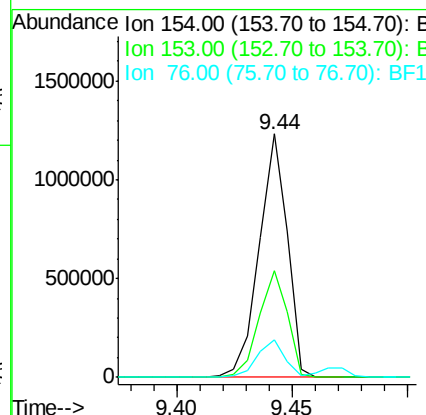
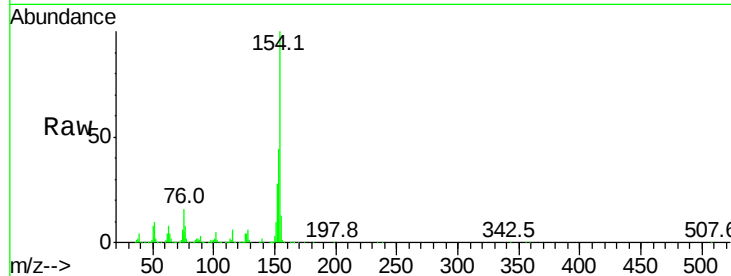


#45
 1,1'-Biphenyl
 Concen: 47.995 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1052931

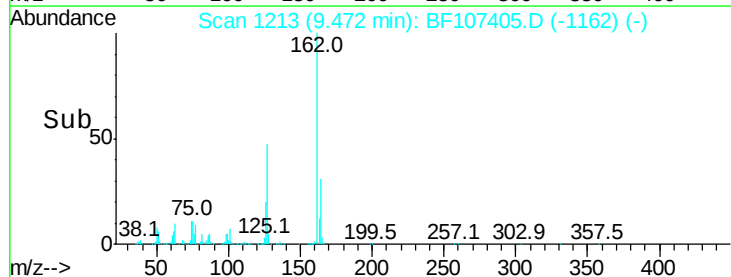
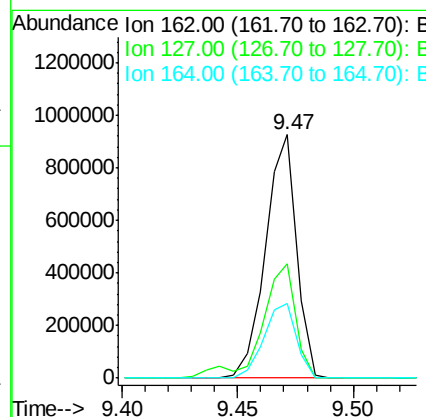
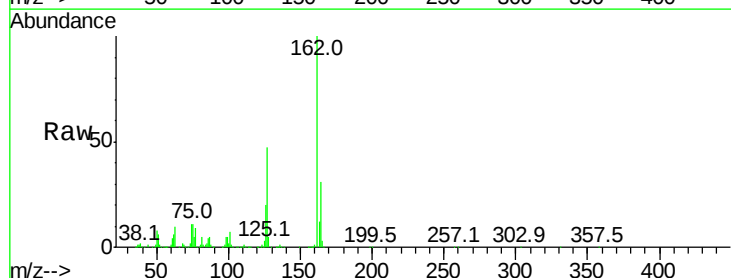
Ion	Ratio	Lower	Upper
154	100		
153	43.8	21.3	61.3
76	15.6	0.0	34.0

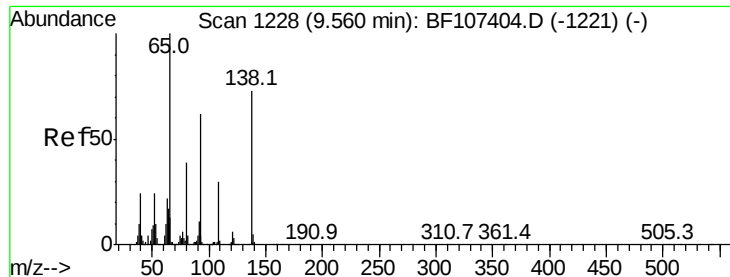


#46
 2-Chloronaphthalene
 Concen: 50.211 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion:162 Resp: 867067

Ion	Ratio	Lower	Upper
162	100		
127	46.9	33.9	50.9
164	30.7	26.5	39.7





#47

2-Nitroaniline

Concen: 53.272 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

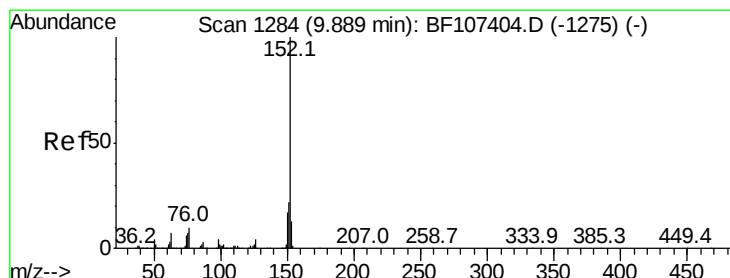
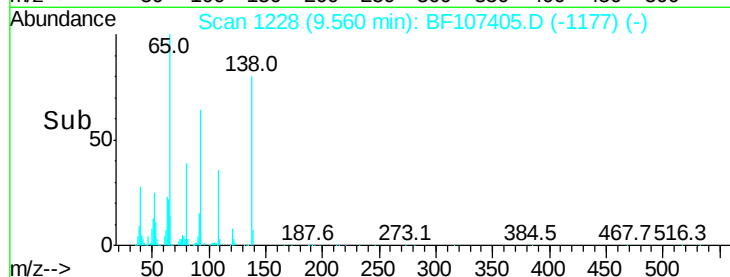
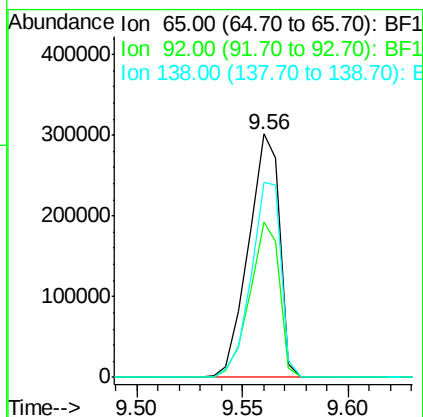
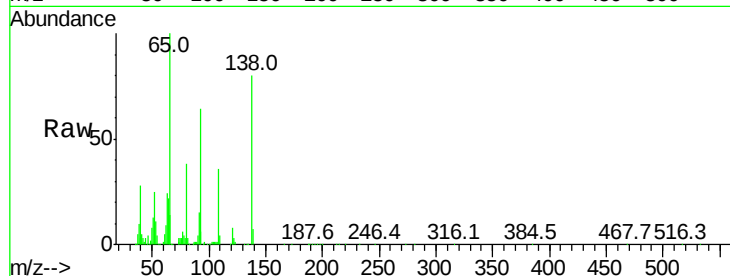
Tot Ion: 65 Resp: 309346

Ion Ratio Lower Upper

65 100

92 63.6 55.8 83.6

138 80.3 91.2 136.8#



#48

Acenaphthylene

Concen: 43.880 ng

RT: 9.89 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

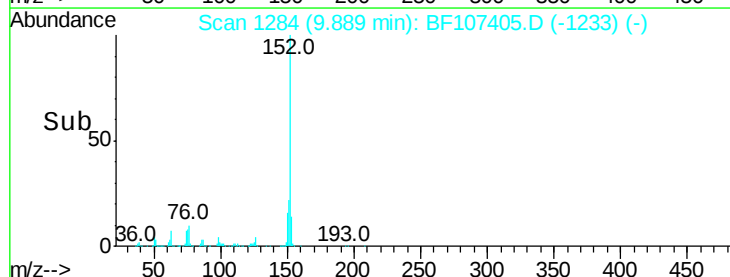
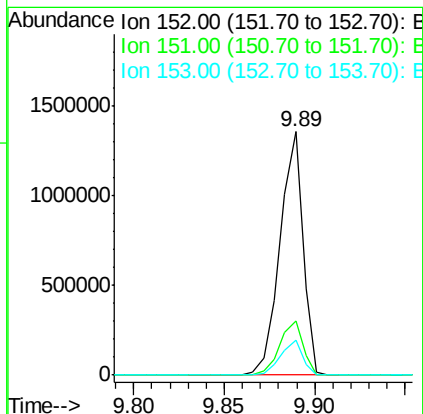
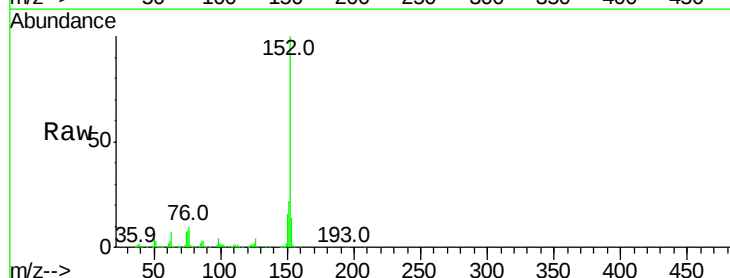
Tgt Ion: 152 Resp: 1196321

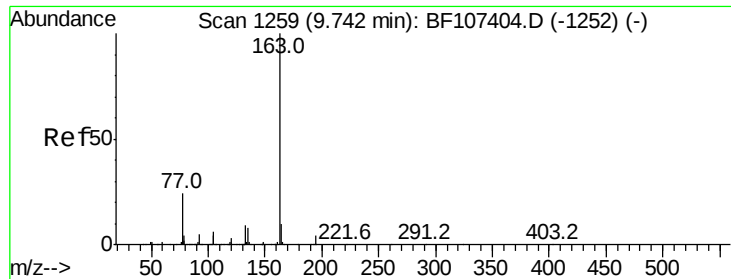
Ion Ratio Lower Upper

152 100

151 22.2 16.3 24.5

153 14.1 10.7 16.1





#49

Dimethylphthalate

Concen: 50.086 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

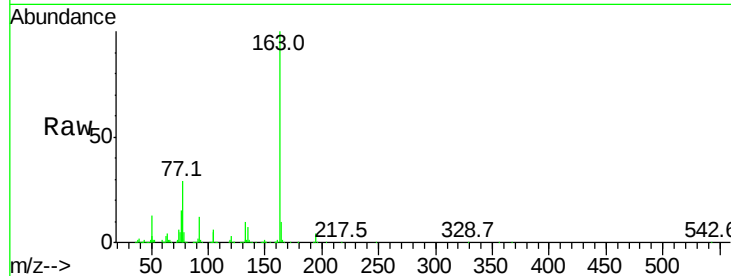
Tot Ion:163 Resp: 1034090

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

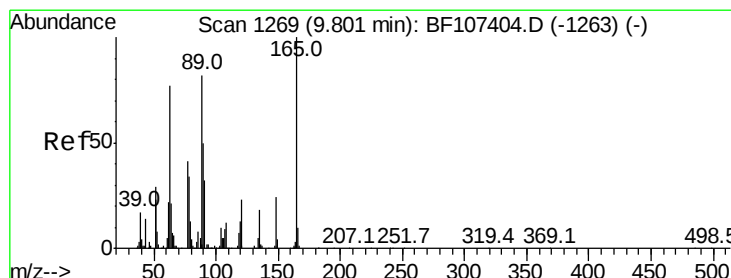
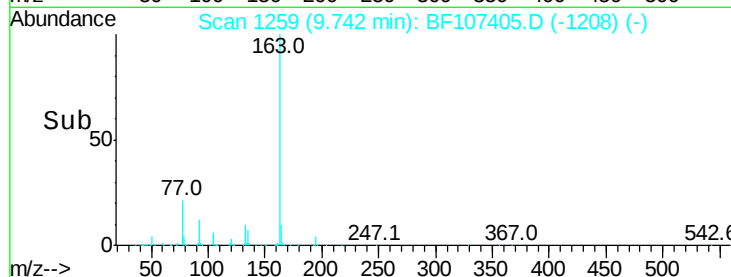
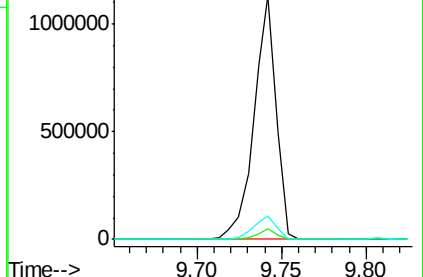
164 9.8 8.2 12.2



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: 50.576 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

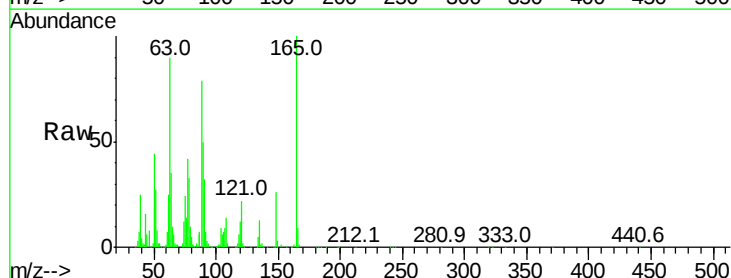
Tgt Ion:165 Resp: 221115

Ion Ratio Lower Upper

165 100

63 89.7 44.7 67.1#

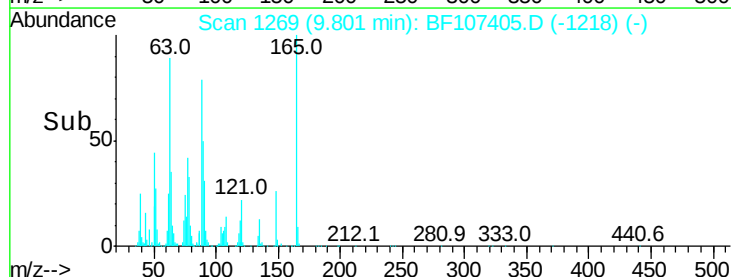
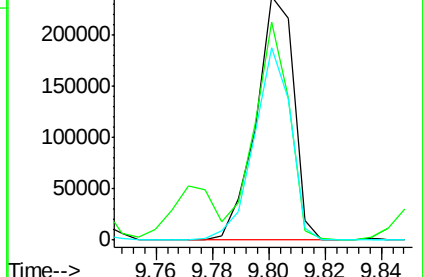
89 79.3 44.0 66.0#

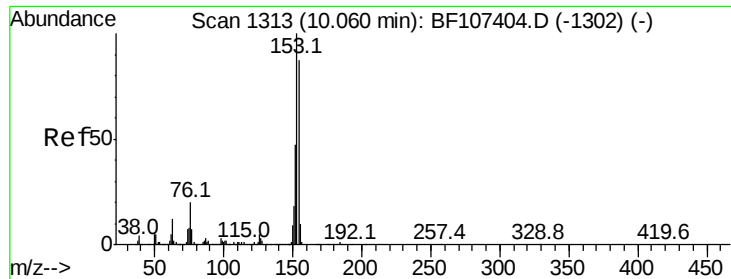


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 46.903 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

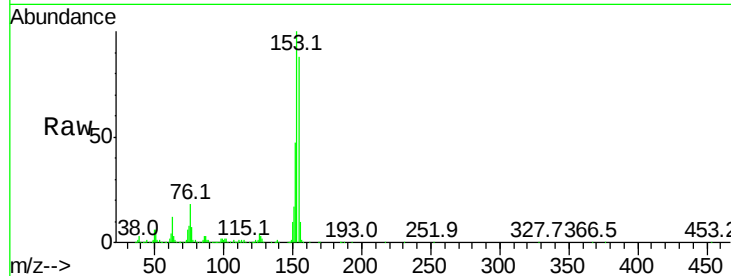
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 805237

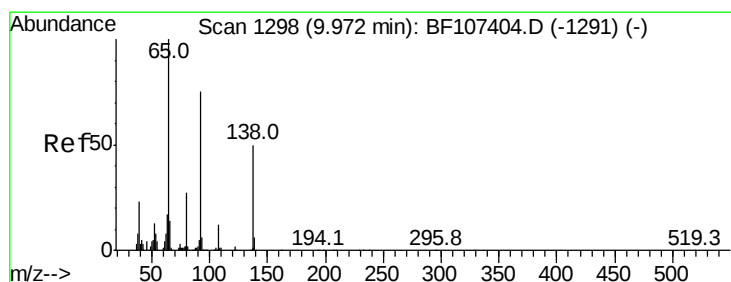
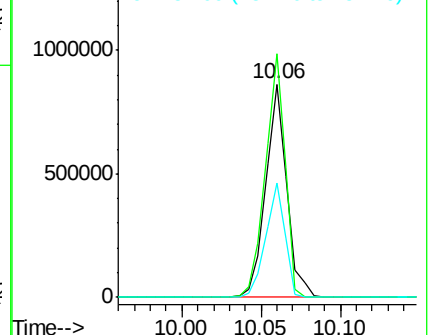
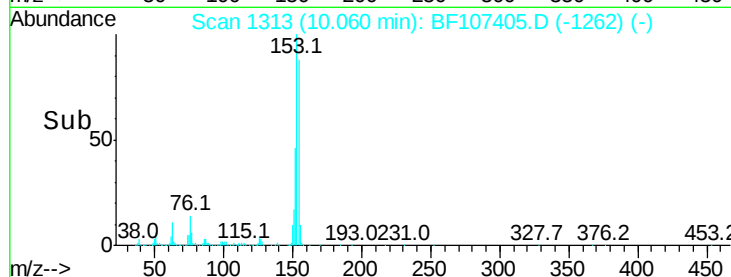
Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	53.4	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.117 ng

RT: 9.98 min Scan# 1299

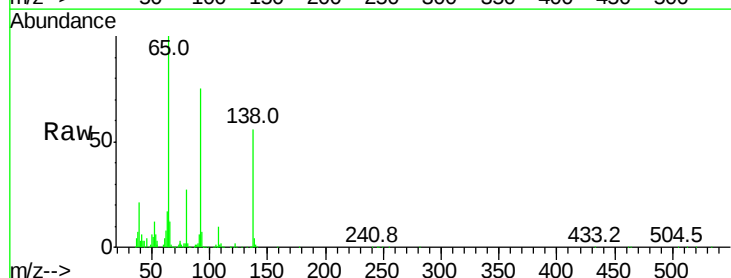
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:138 Resp: 226977

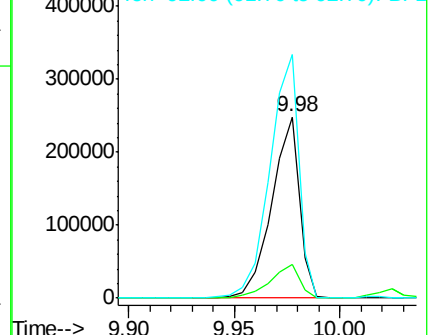
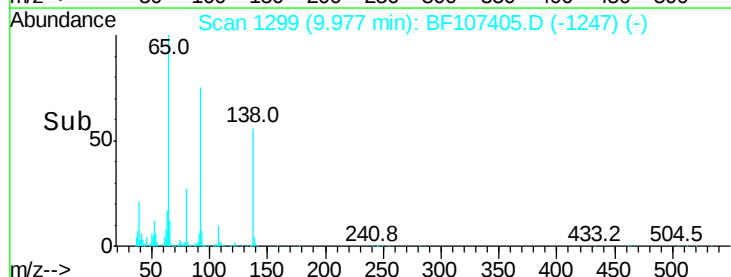
Ion	Ratio	Lower	Upper
138	100		
108	18.5	9.4	14.0#
92	134.2	89.4	134.2#

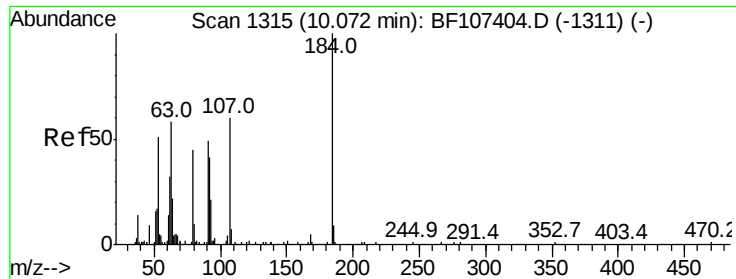


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

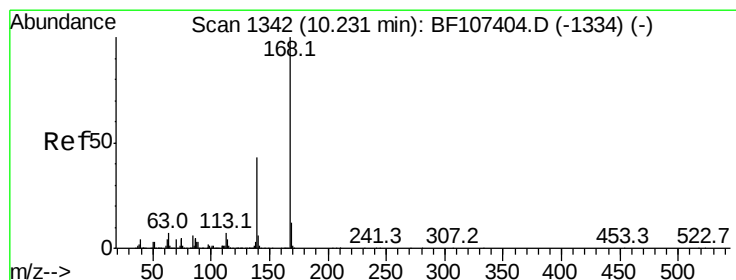
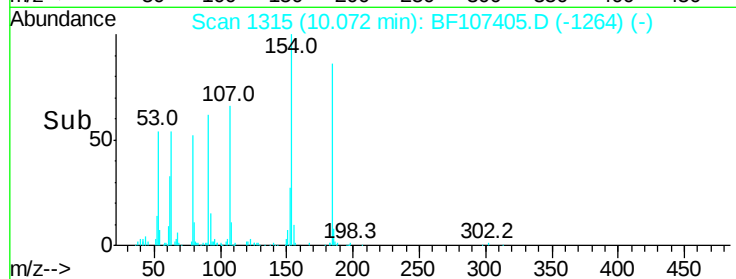
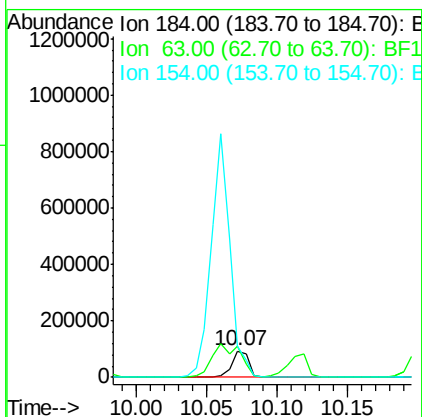
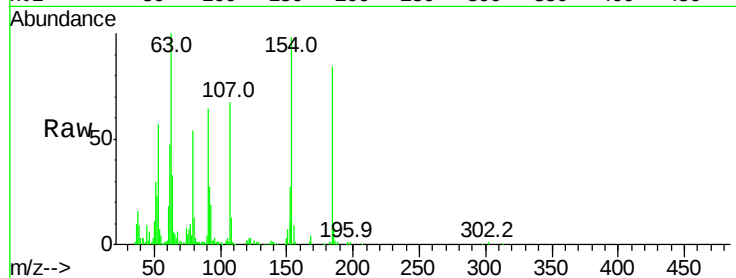




#53
2,4-Dinitrophenol
Concen: 40.114 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

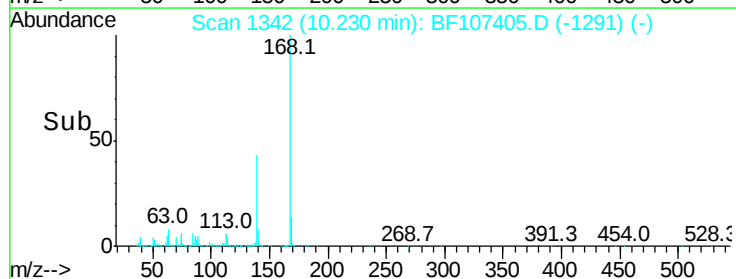
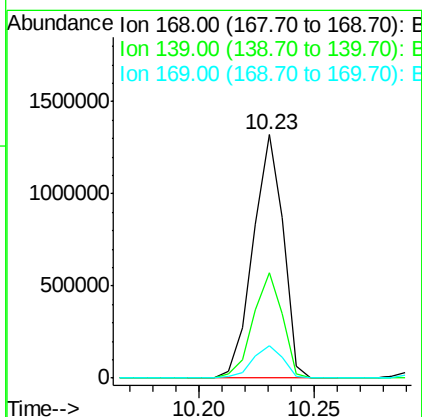
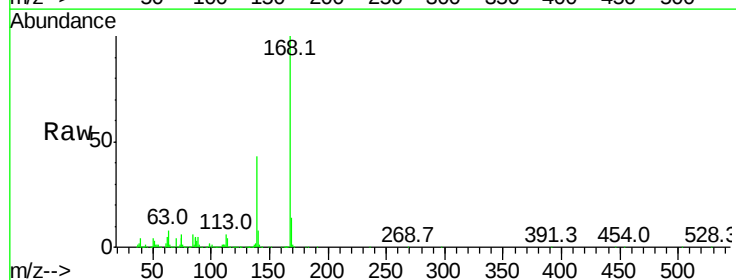
Instrument :
BNA_F
ClientSampleId :

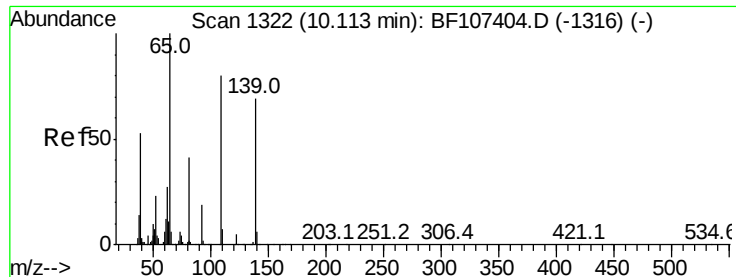
Tot Ion:184 Resp: 79869
Ion Ratio Lower Upper
184 100
63 119.7 54.2 81.2#
154 117.6 184.0 276.0#



#54
Dibenzofuran
Concen: 51.213 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion:168 Resp: 1203953
Ion Ratio Lower Upper
168 100
139 43.1 30.1 45.1
169 13.5 10.9 16.3

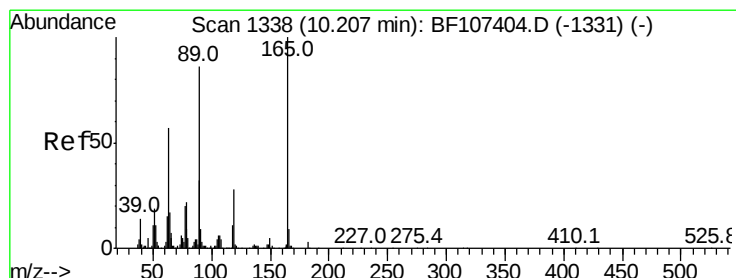
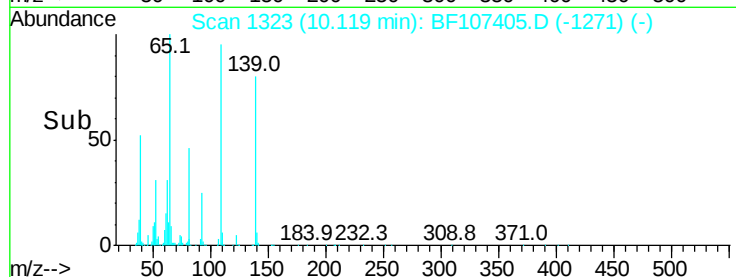
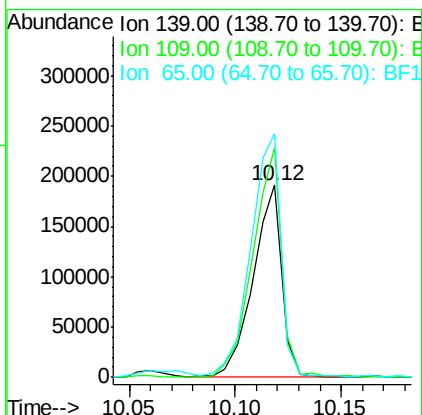
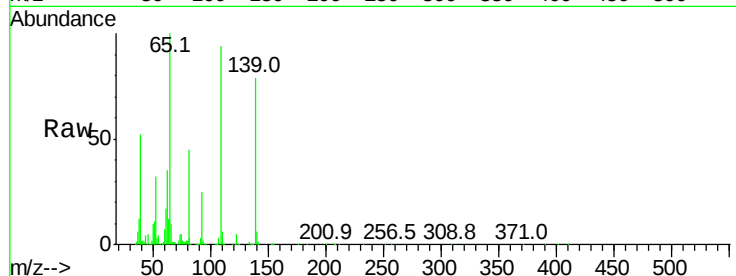




#55
4-Nitrophenol
Concen: 51.711 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

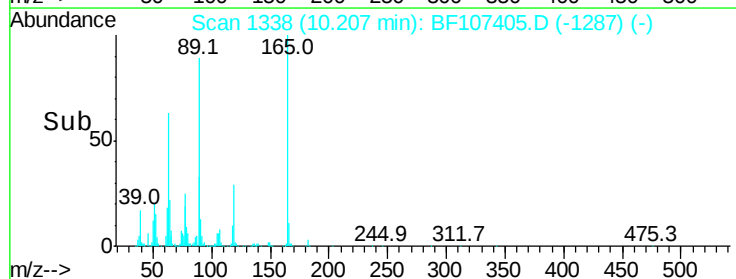
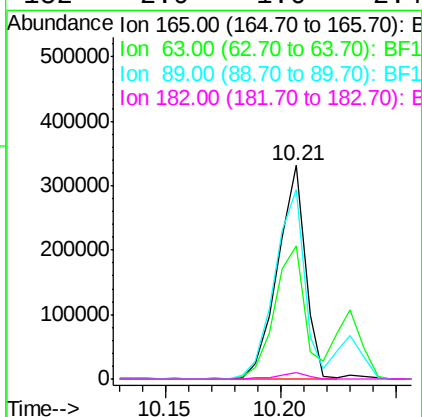
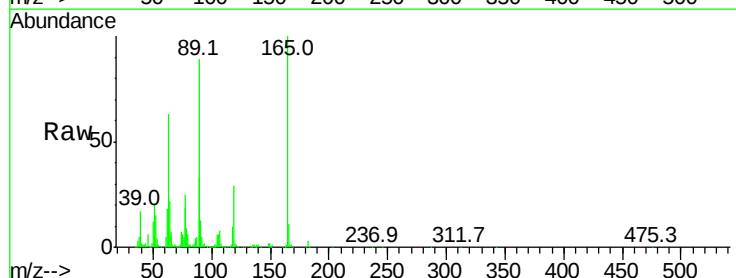
Instrument :
BNA_F
ClientSampleId :

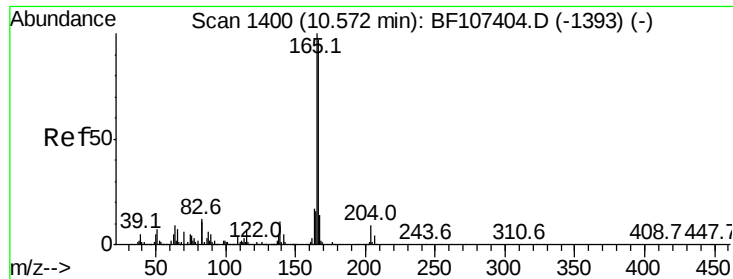
Tot Ion:139 Resp: 181590
Ion Ratio Lower Upper
139 100
109 119.4 48.4 88.4#
65 126.8 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 48.321 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion:165 Resp: 275748
Ion Ratio Lower Upper
165 100
63 62.5 36.4 54.6#
89 88.8 57.8 86.6#
182 2.9 1.6 2.4#





#57

Fluorene

Concen: 43.079 ng

RT: 10.58 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

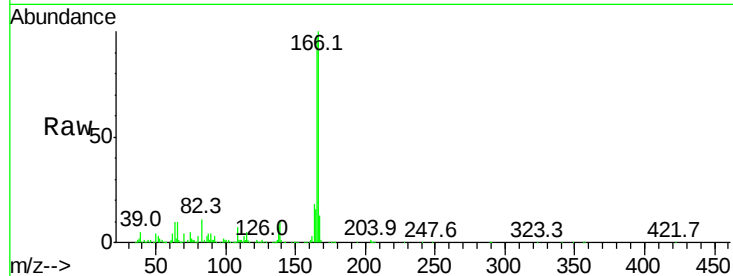
Tot Ion:166 Resp: 803624

Ion Ratio Lower Upper

166 100

165 98.2 79.8 119.8

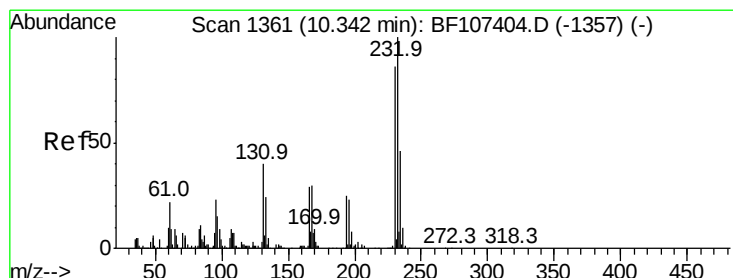
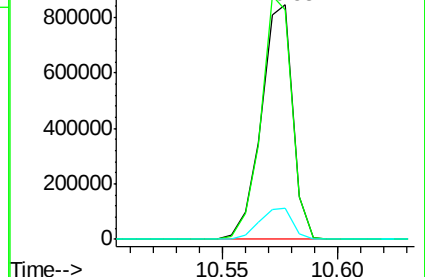
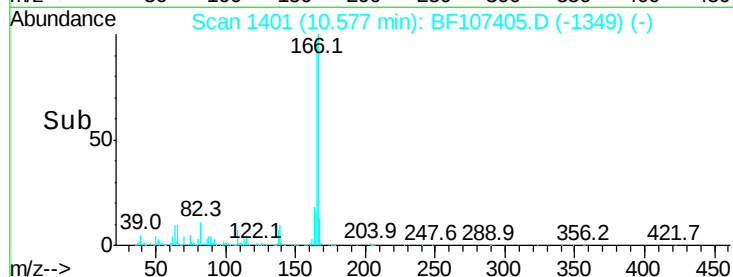
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.105 ng

RT: 10.34 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:232 Resp: 281665

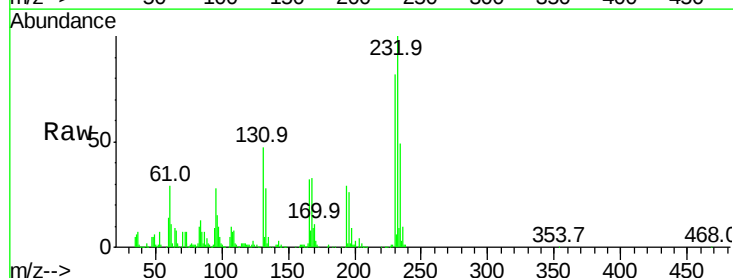
Ion Ratio Lower Upper

232 100

131 43.9 43.8 65.8

130 0.6 2.1 3.1#

166 31.3 27.8 41.6

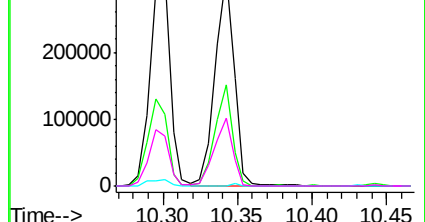
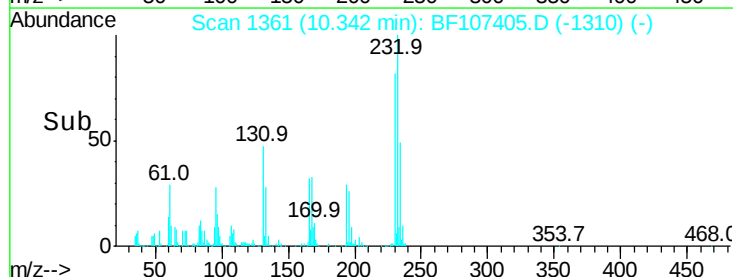


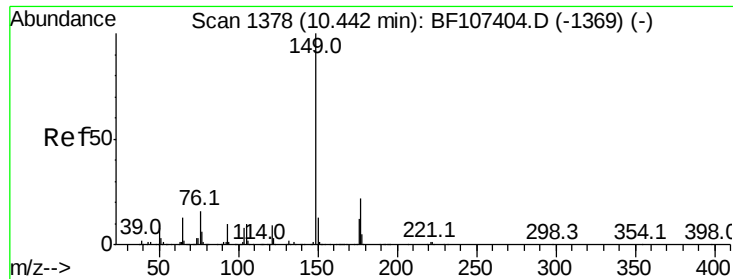
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

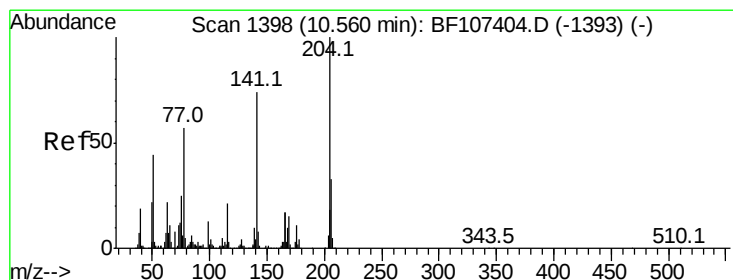
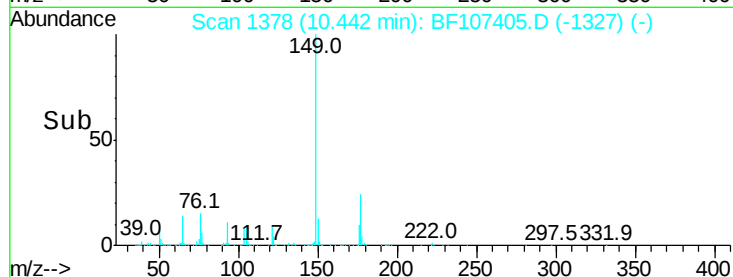
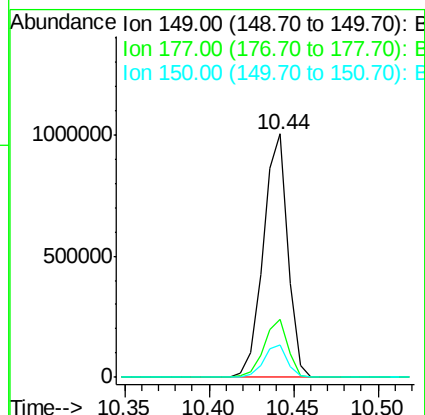
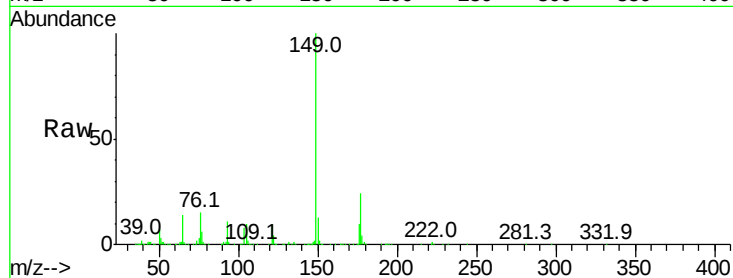




#59
Diethylphthalate
Concen: 50.465 ng
RT: 10.44 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

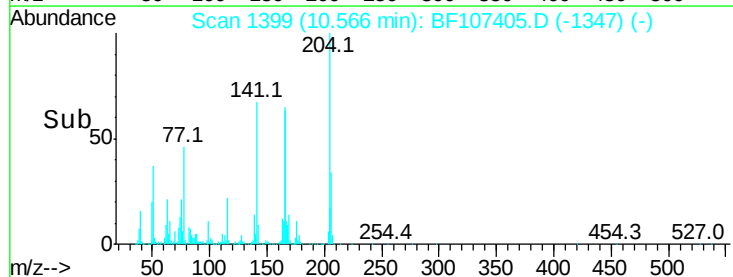
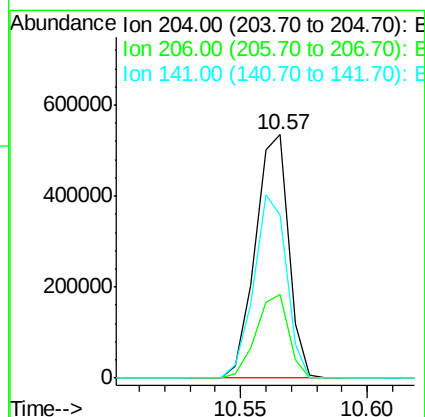
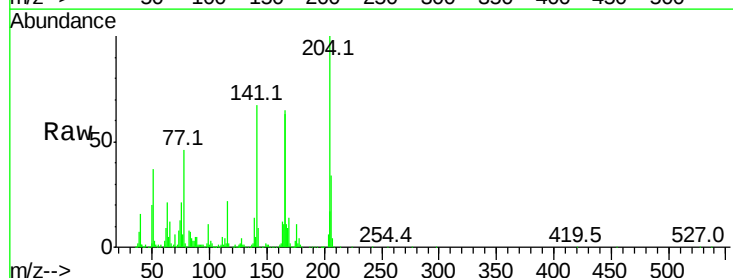
Instrument :
BNA_F
ClientSampled :

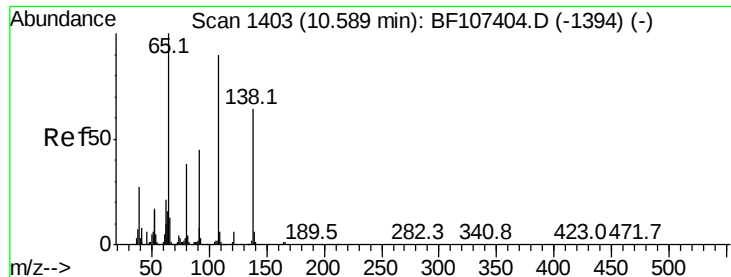
Tot Ion:149 Resp: 1005612
Ion Ratio Lower Upper
149 100
177 23.8 16.1 24.1
150 13.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 50.335 ng
RT: 10.57 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion:204 Resp: 491307
Ion Ratio Lower Upper
204 100
206 34.5 26.5 39.7
141 67.1 54.6 81.8

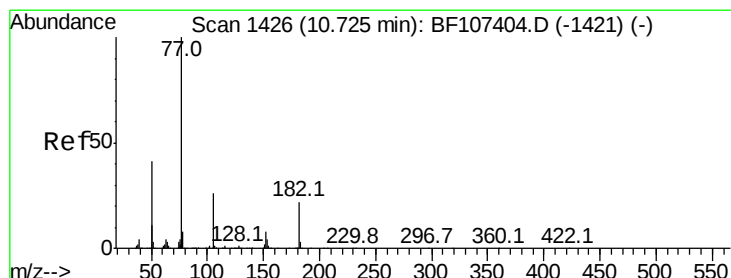
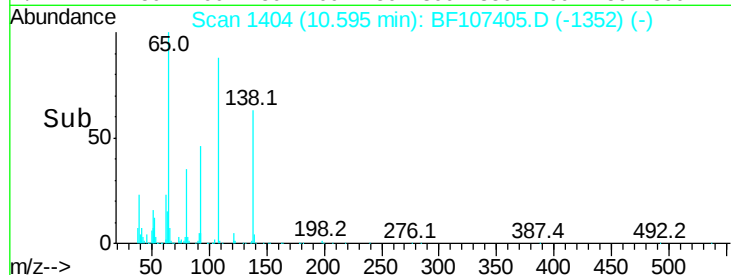
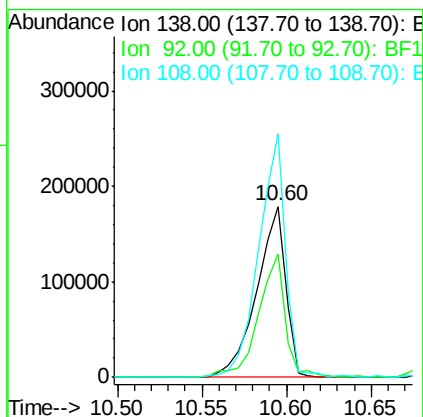
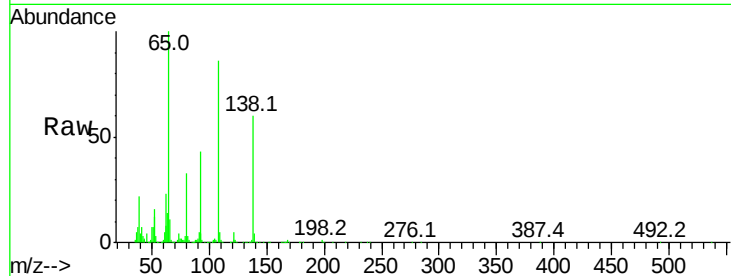




#61
4-Nitroaniline
Concen: 42.575 ng
RT: 10.60 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

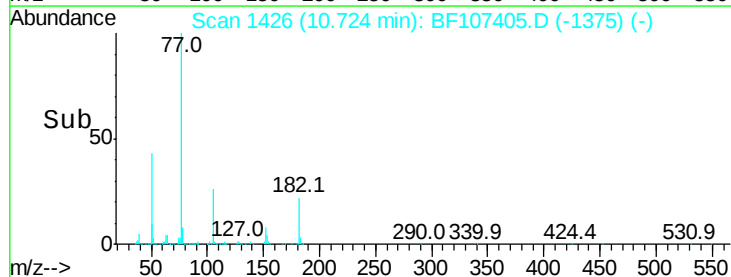
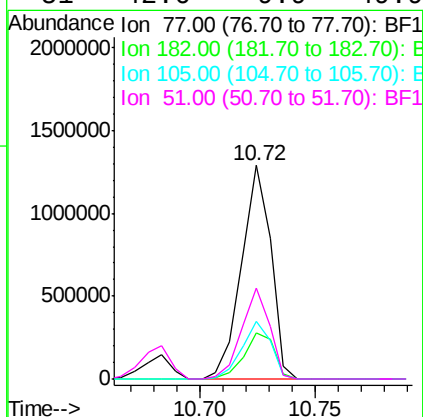
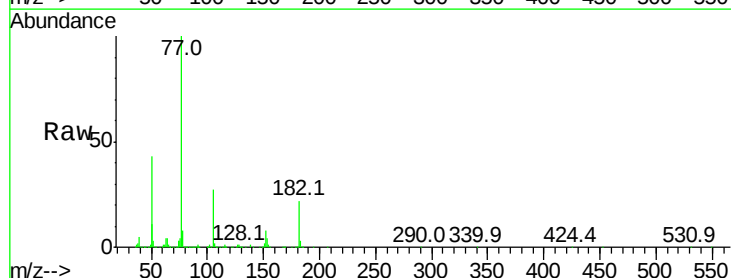
Instrument :
BNA_F
ClientSampleId :

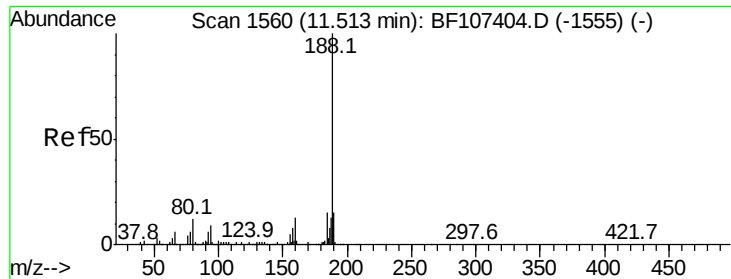
Tot Ion:138 Resp: 212570
Ion Ratio Lower Upper
138 100
92 72.3 30.2 70.2#
108 142.3 52.5 92.5#



#62
Azobenzene
Concen: 58.673 ng
RT: 10.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion: 77 Resp: 1151361
Ion Ratio Lower Upper
77 100
182 21.8 1.7 41.7
105 27.0 3.0 43.0
51 42.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

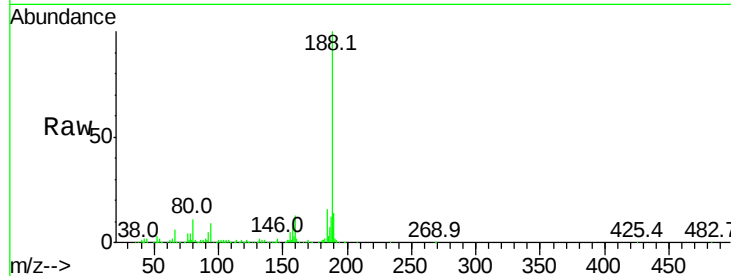
Tot Ion:188 Resp: 590834

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

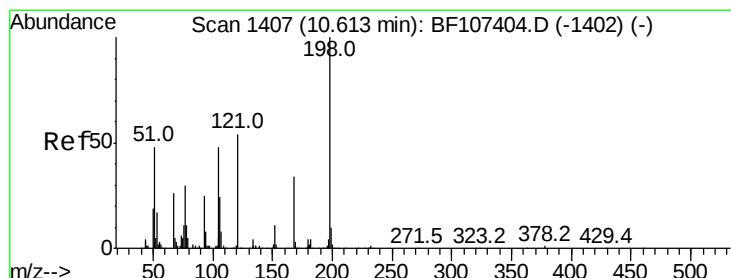
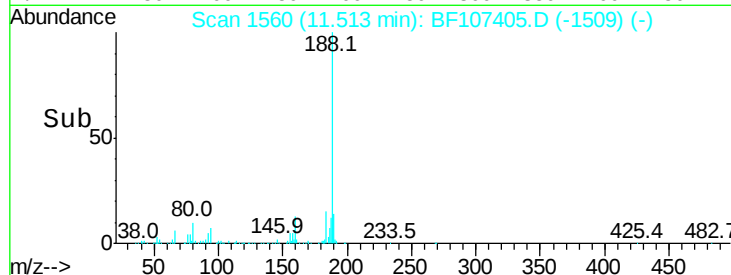
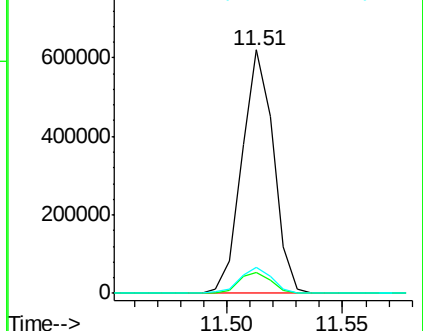
80 10.6 9.2 13.8



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: 44.095 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

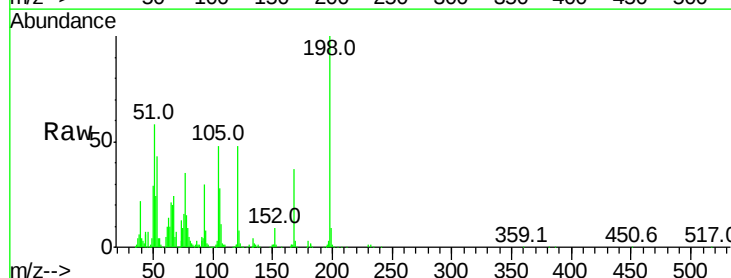
Tgt Ion:198 Resp: 161043

Ion Ratio Lower Upper

198 100

51 57.9 37.7 77.7

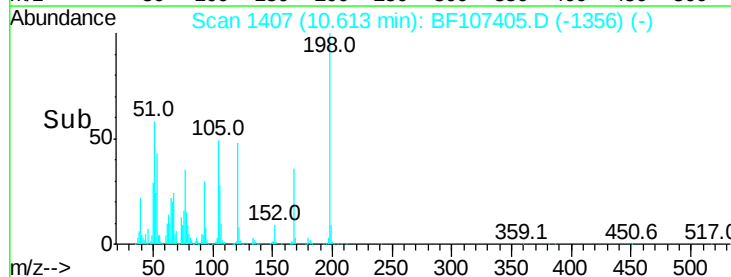
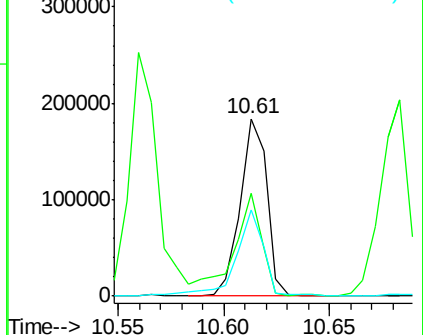
105 48.3 36.3 76.3

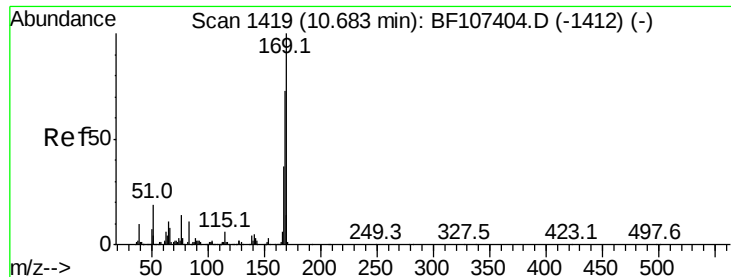


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.245 ng

RT: 10.68 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

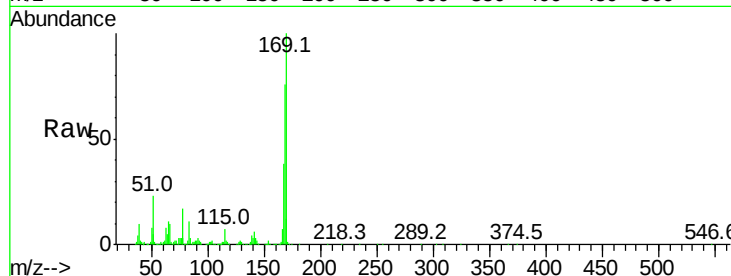
Tot Ion:169 Resp: 839526

Ion Ratio Lower Upper

169 100

168 76.0 54.4 81.6

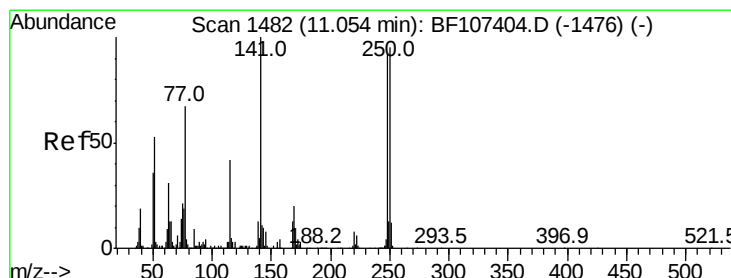
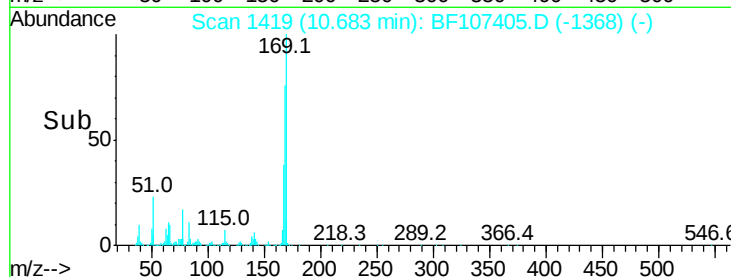
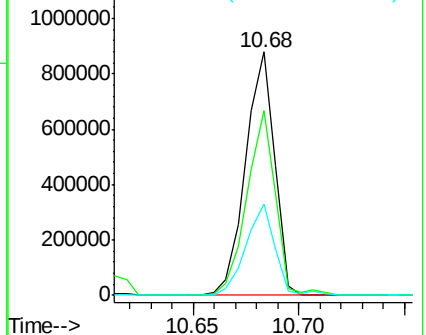
167 37.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.620 ng

RT: 11.05 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

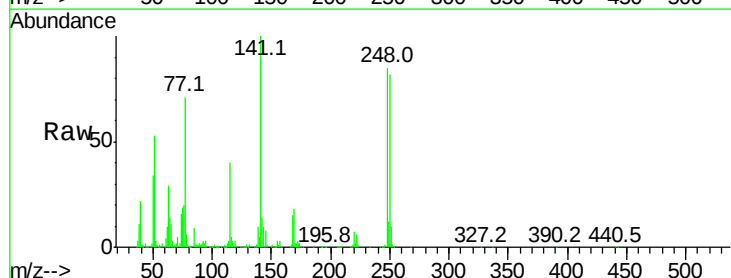
Tgt Ion:248 Resp: 300524

Ion Ratio Lower Upper

248 100

250 97.5 76.9 115.3

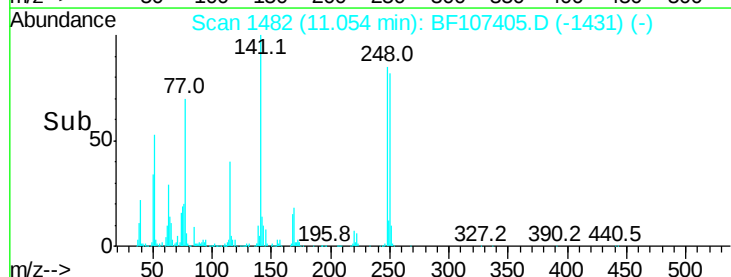
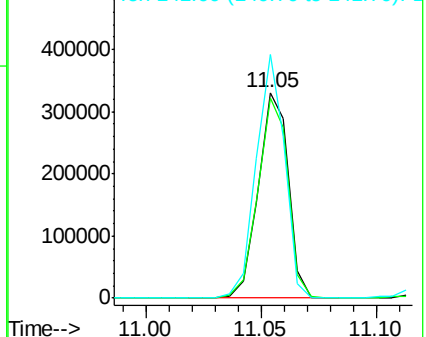
141 118.3 74.4 111.6#

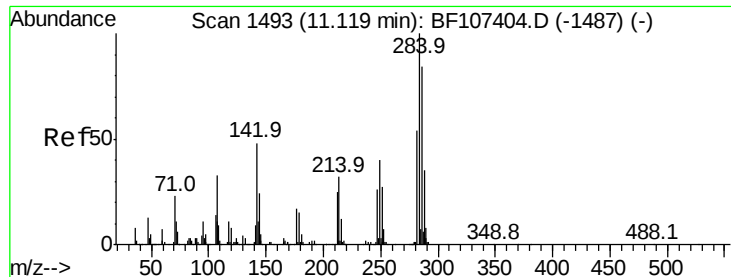


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.219 ng

RT: 11.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

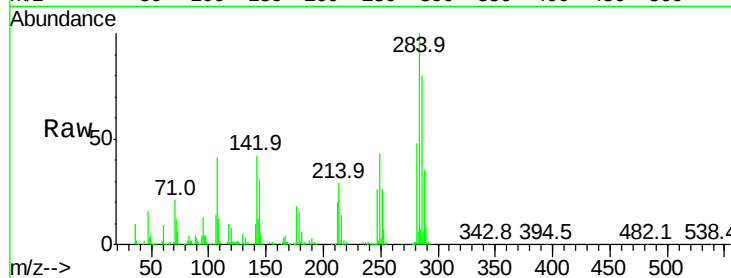
Tot Ion:284 Resp: 282059

Ion Ratio Lower Upper

284 100

142 41.7 34.6 52.0

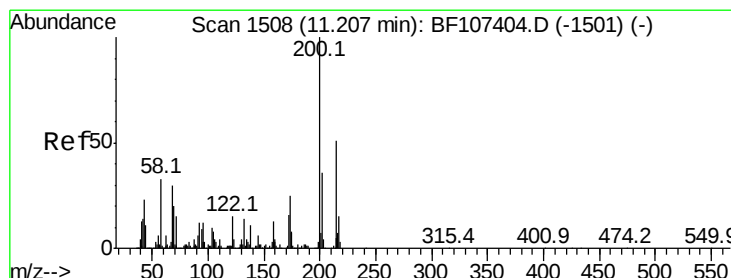
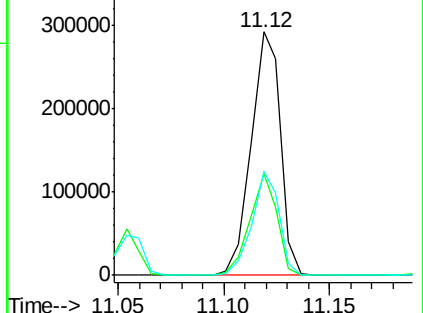
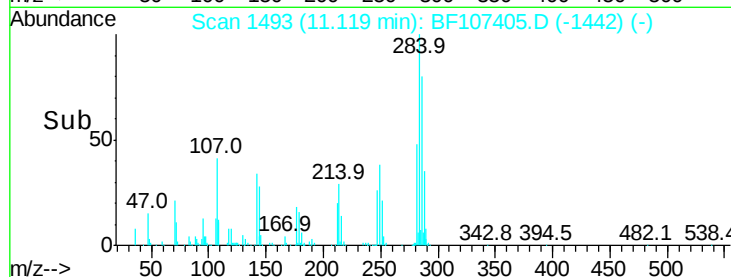
249 42.8 24.8 37.2#



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: 49.914 ng

RT: 11.21 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

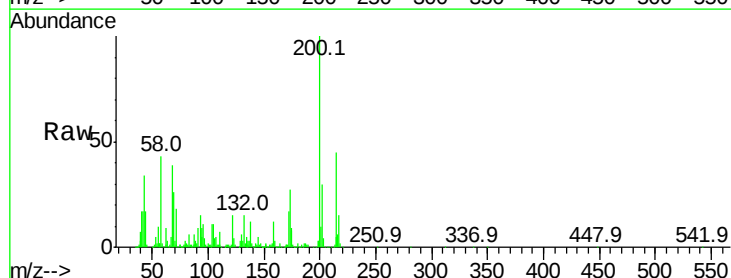
Tgt Ion:200 Resp: 315338

Ion Ratio Lower Upper

200 100

173 26.9 8.6 48.6

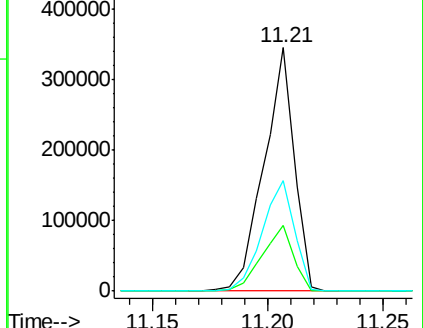
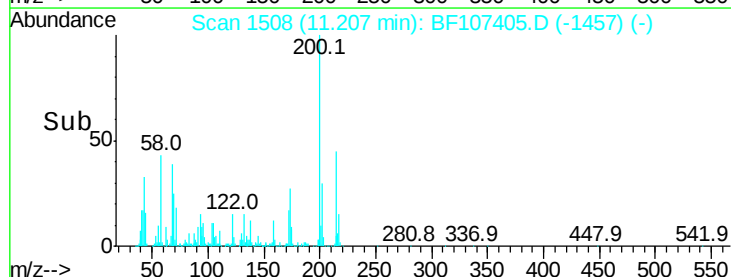
215 45.5 25.1 65.1

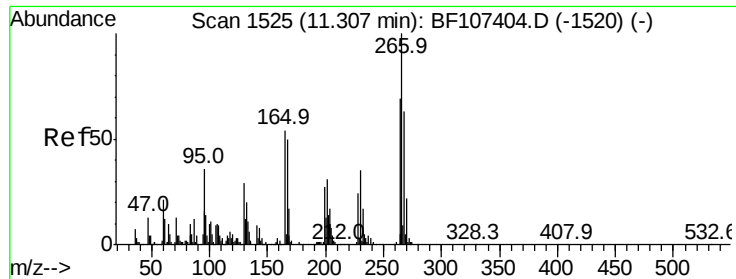


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

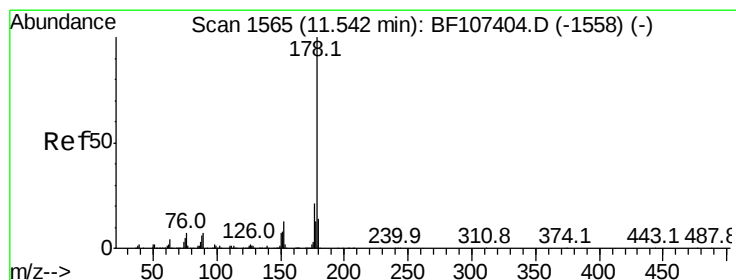
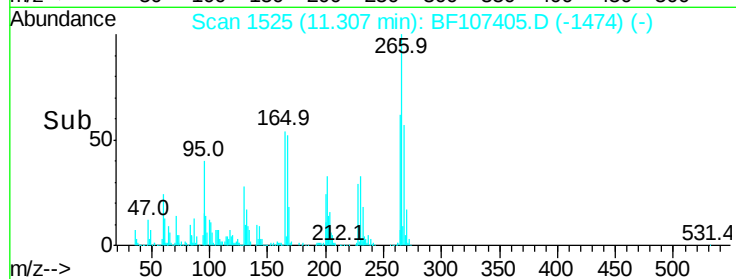
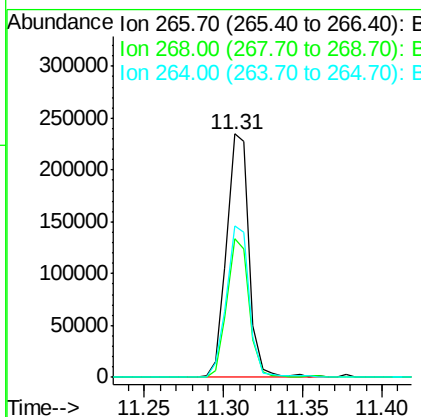
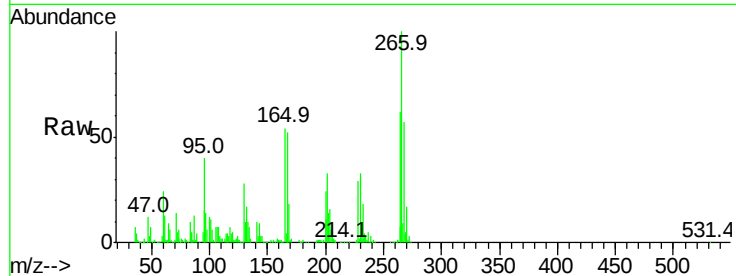




#69
 Pentachlorophenol
 Concen: 62.848 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

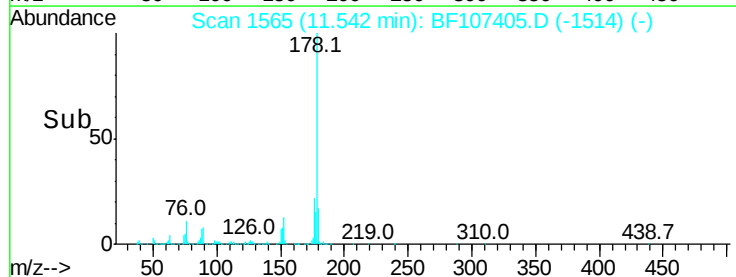
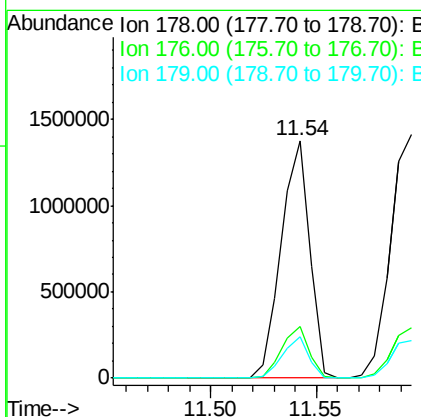
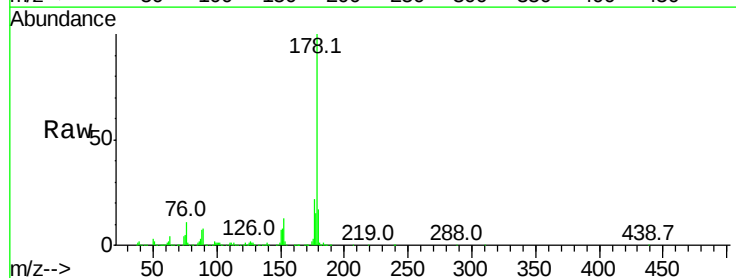
Instrument :
 BNA_F
 ClientSampleId :

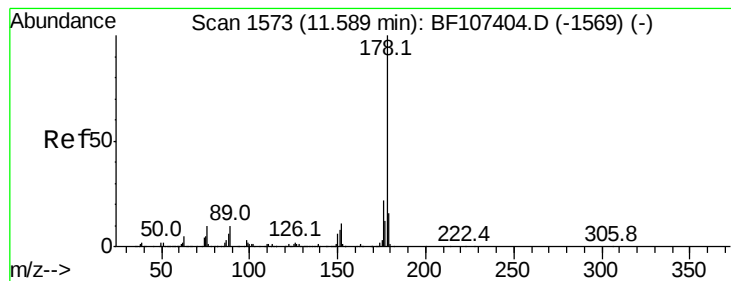
Tot Ion	Ratio	Lower	Upper
266	100		
268	56.8	51.1	76.7
264	62.2	49.5	74.3



#70
 Phenanthrene
 Concen: 45.813 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.8	23.8
179	17.3	13.0	19.6





#71

Anthracene

Concen: 46.599 ng

RT: 11.60 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

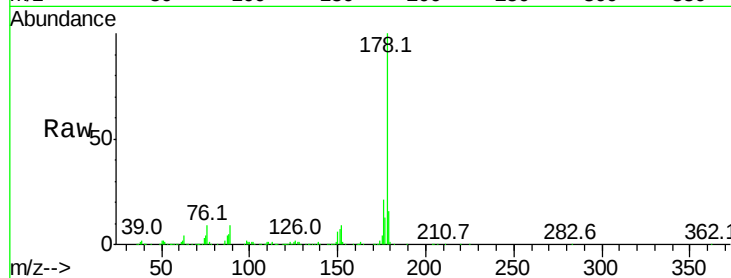
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1355426

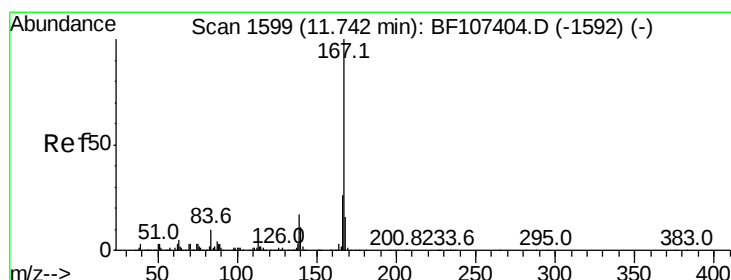
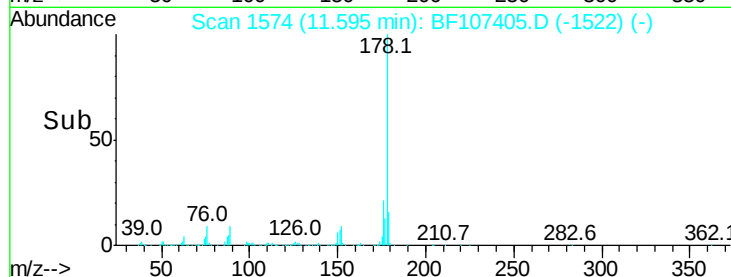
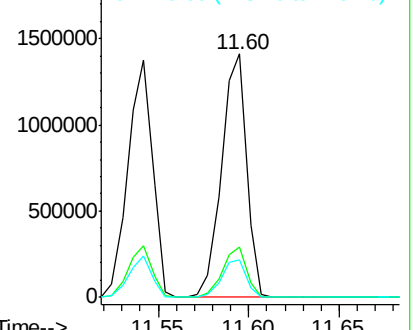
Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	15.5	12.6	19.0



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: 45.705 ng

RT: 11.75 min Scan# 1600

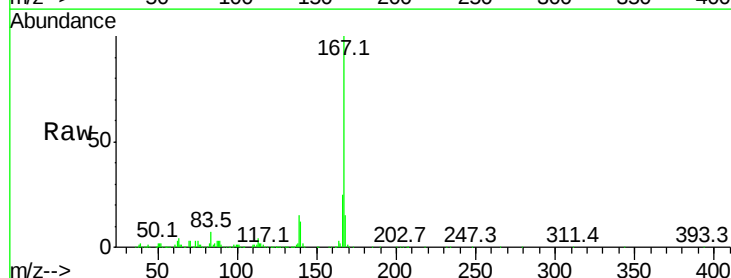
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:167 Resp: 1244684

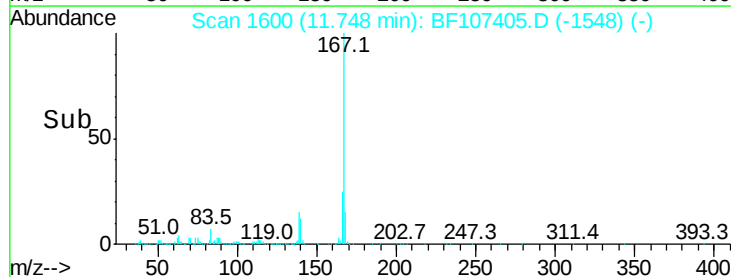
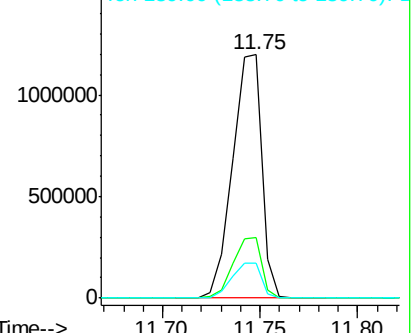
Ion	Ratio	Lower	Upper
167	100		
166	24.9	17.6	26.4
139	14.6	10.9	16.3

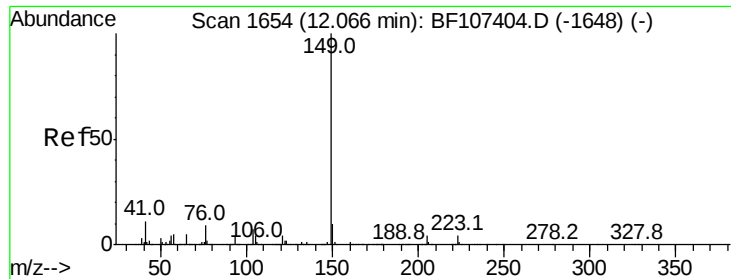


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

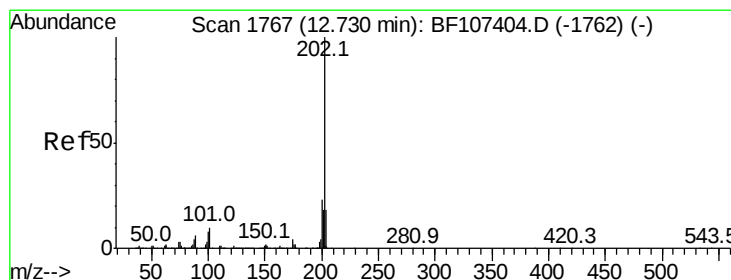
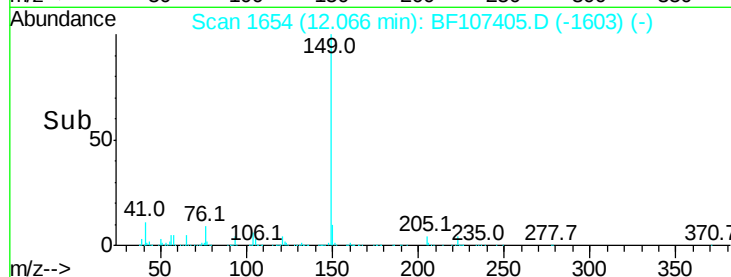
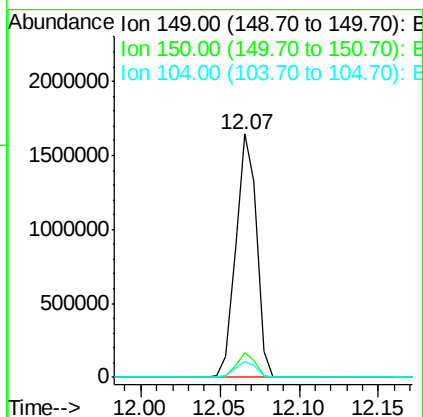
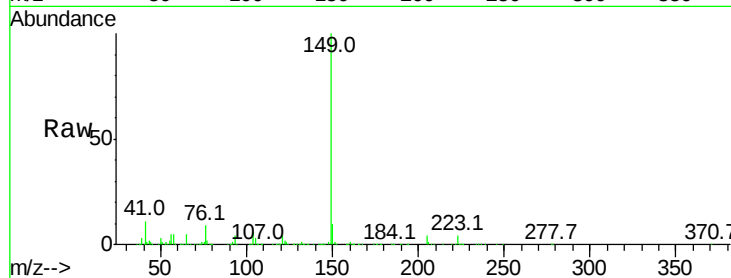




#73
Di-n-butylphthalate
Concen: 46.155 ng
RT: 12.07 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

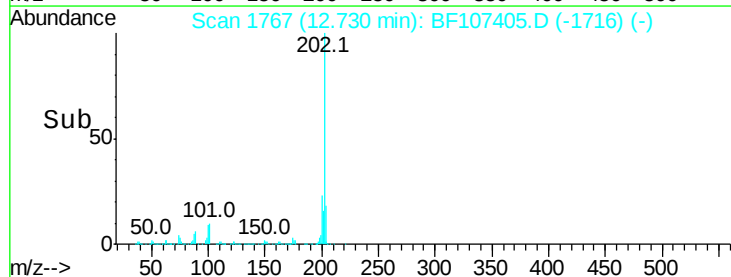
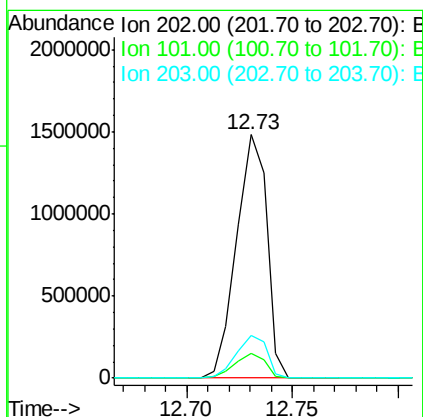
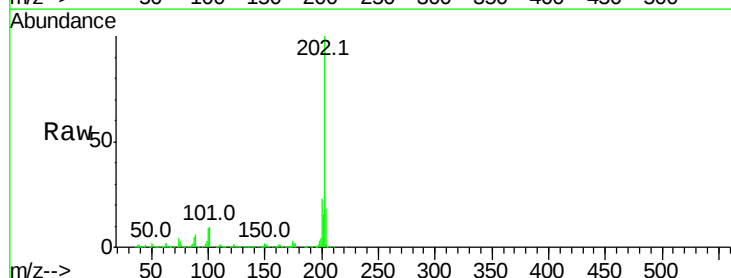
Instrument :
BNA_F
ClientSampleId :

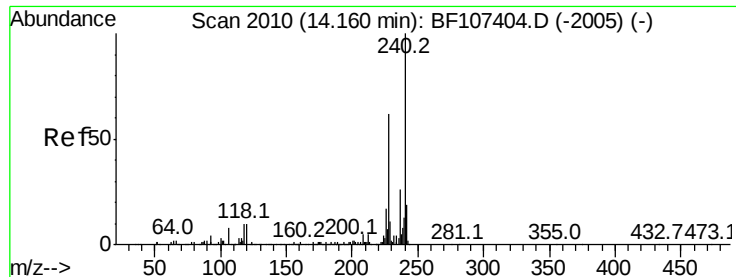
Tot Ion:149 Resp: 1480762
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 6.3 3.8 5.8#



#74
Fluoranthene
Concen: 46.964 ng
RT: 12.73 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion:202 Resp: 1475117
Ion Ratio Lower Upper
202 100
101 10.4 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

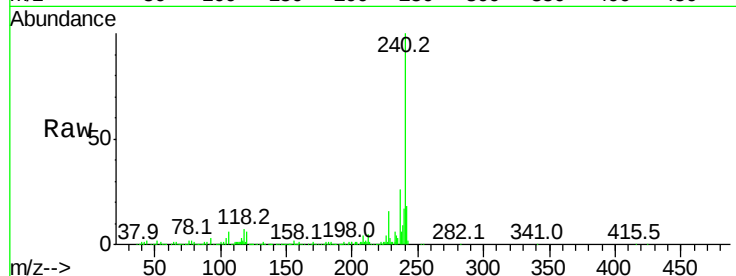
Tot Ion:240 Resp: 482393

Ion Ratio Lower Upper

240 100

120 6.3 9.5 14.3#

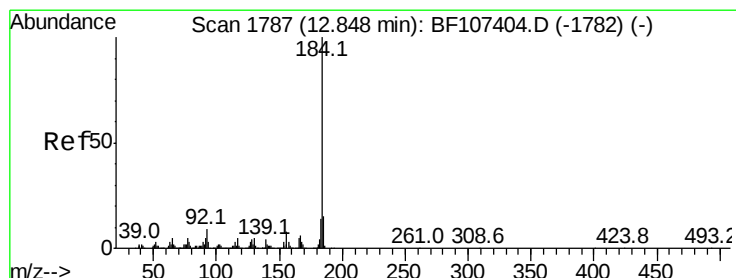
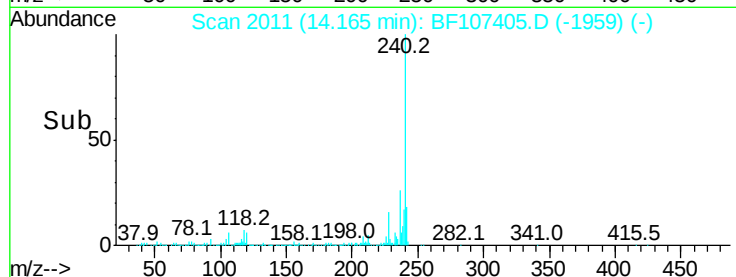
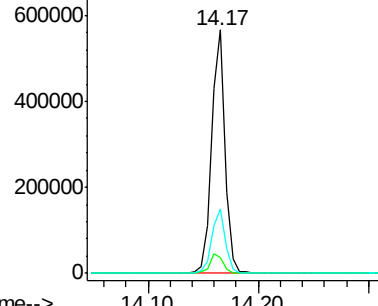
236 26.4 20.7 31.1



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: 67.579 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

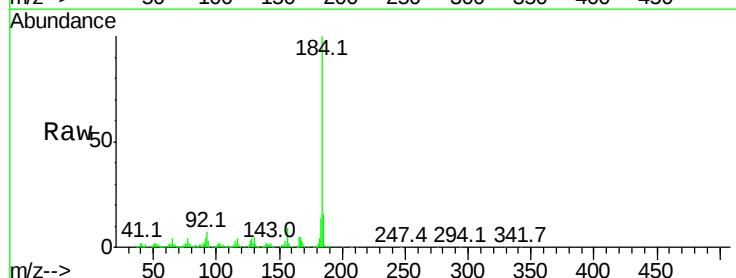
Tgt Ion:184 Resp: 928424

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

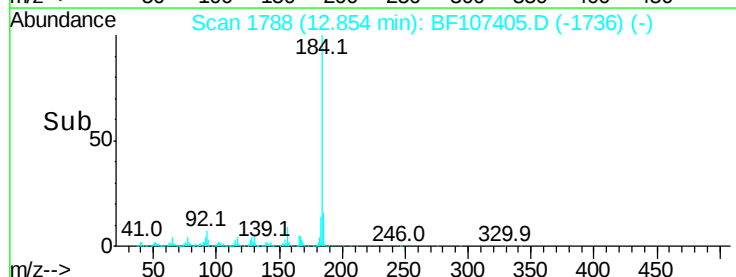
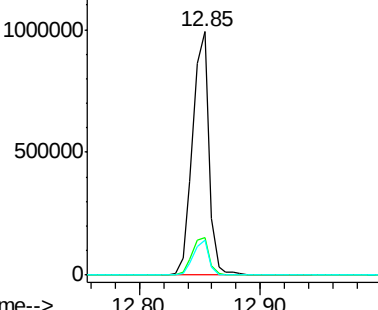
183 14.1 9.3 13.9#

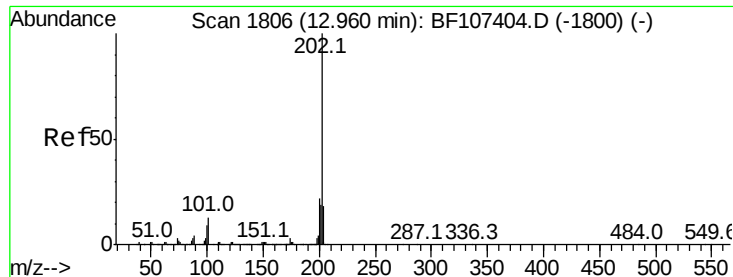


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.988 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

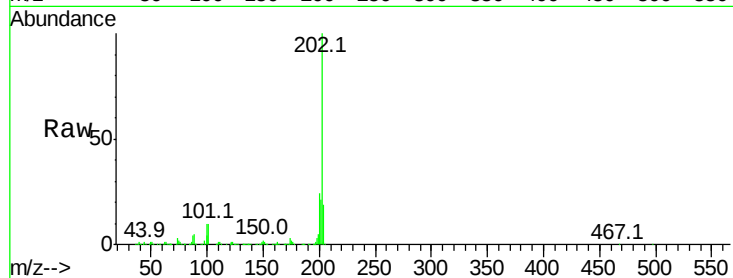
Tot Ion:202 Resp: 1526522

Ion	Ratio	Lower	Upper
202	100		
200	23.8	17.4	26.2
203	19.5	14.3	21.5

202 100

200 23.8 17.4 26.2

203 19.5 14.3 21.5

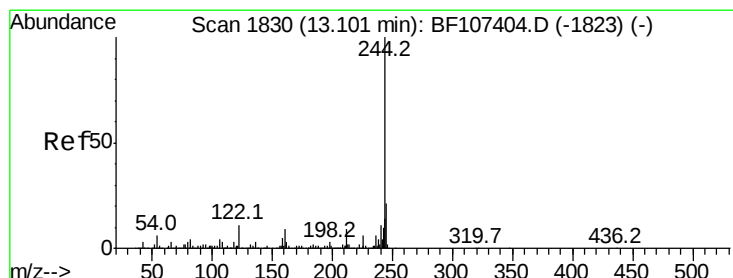
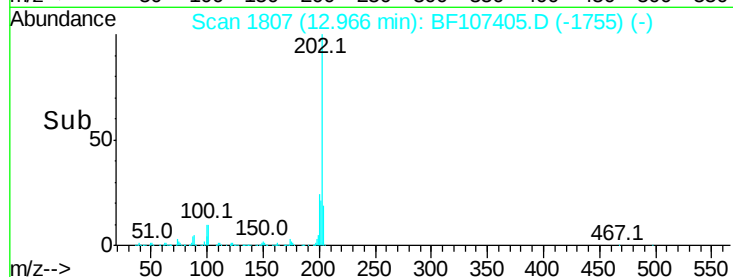
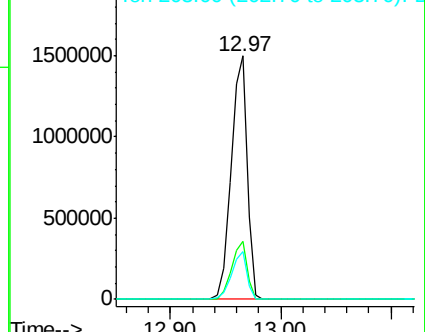


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.466 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

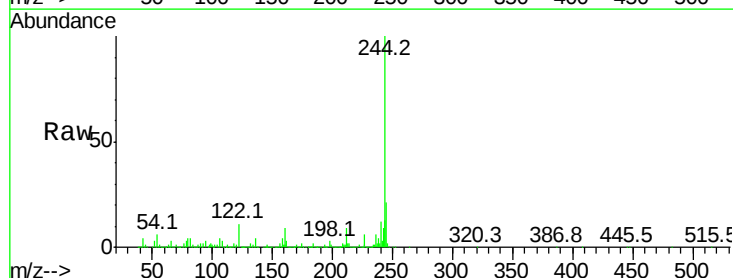
Tgt Ion:244 Resp: 1721944

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.4	8.0#
122	10.8	11.0	16.4#

244 100

212 9.2 5.4 8.0#

122 10.8 11.0 16.4#

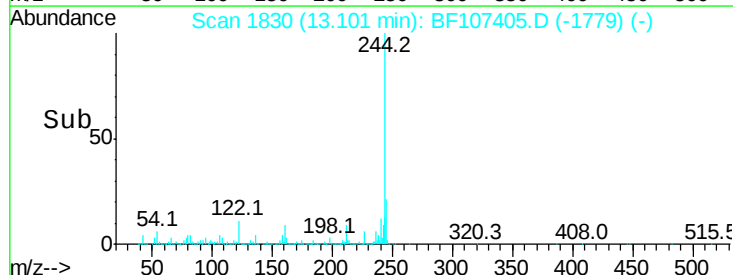
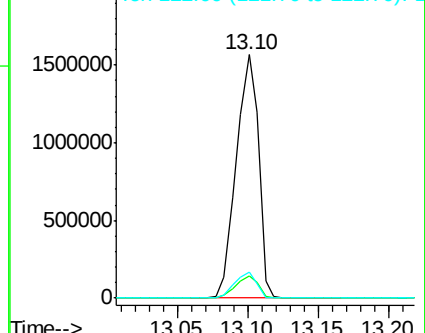


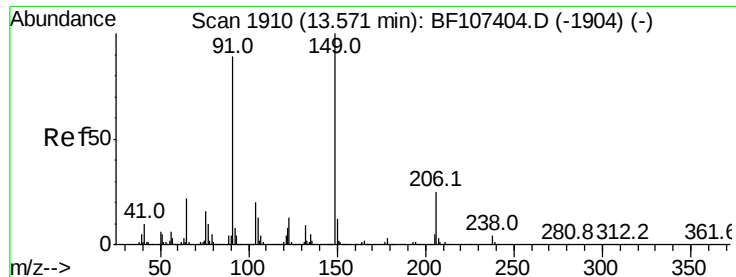
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

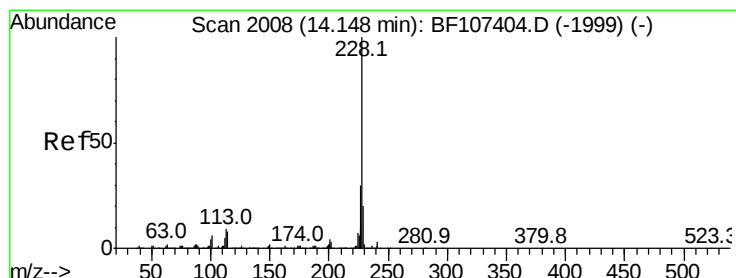
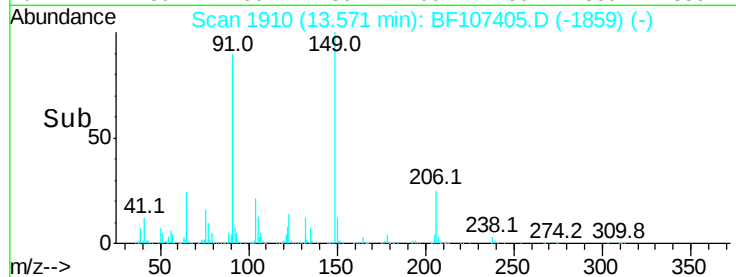
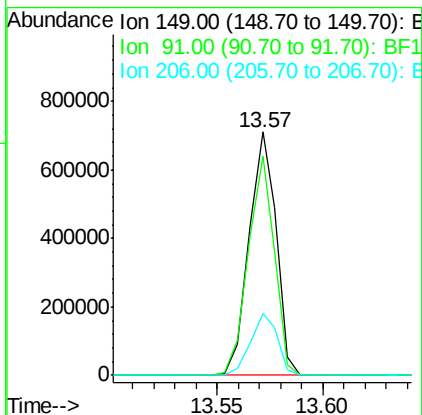
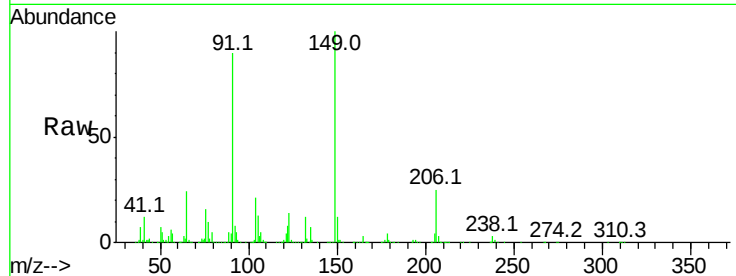




#79
Butylbenzylphthalate
Concen: 48.259 ng
RT: 13.57 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

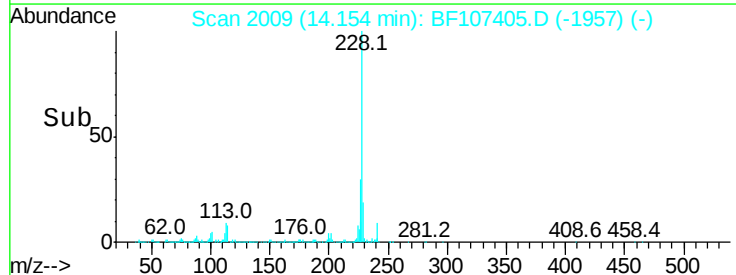
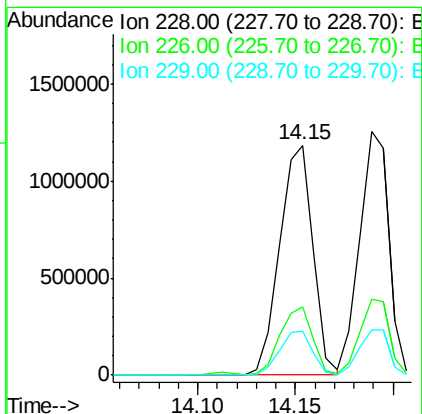
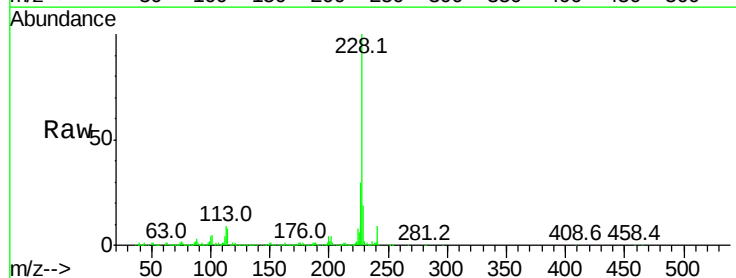
Instrument :
BNA_F
ClientSampleId :

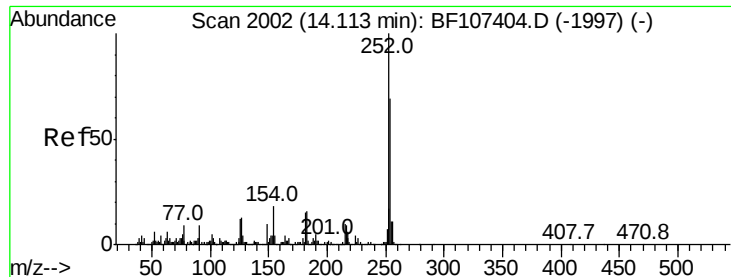
Tot Ion:149 Resp: 631173
Ion Ratio Lower Upper
149 100
91 90.0 56.8 85.2#
206 25.3 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 47.221 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion:228 Resp: 1388333
Ion Ratio Lower Upper
228 100
226 29.7 22.6 33.8
229 19.4 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 46.081 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

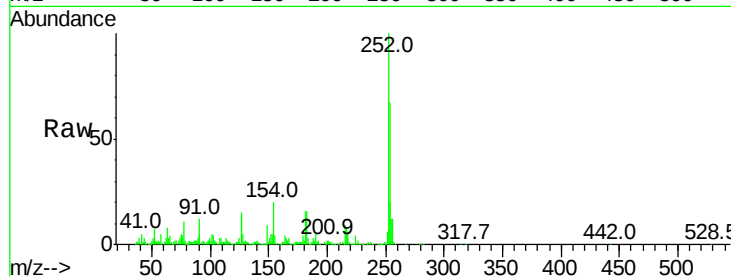
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 476157

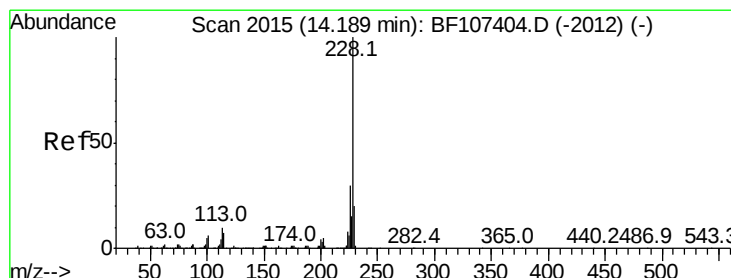
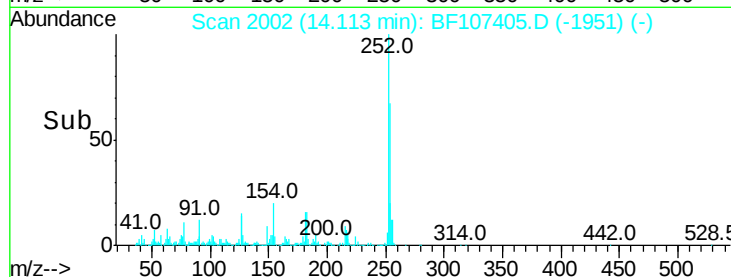
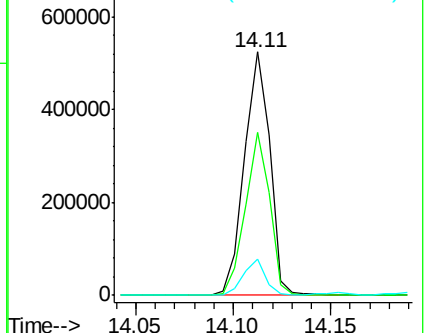
Ion	Ratio	Lower	Upper
252	100		
254	66.7	50.4	75.6
126	14.7	11.3	16.9



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: 48.176 ng

RT: 14.19 min Scan# 2015

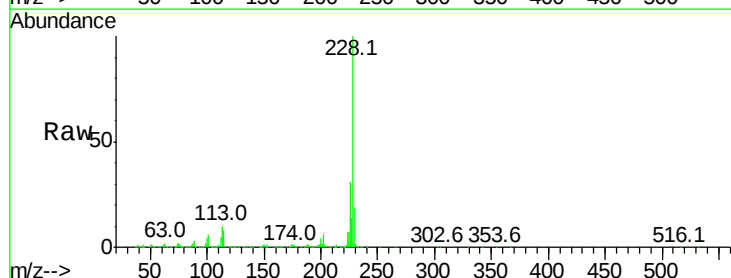
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:228 Resp: 1303087

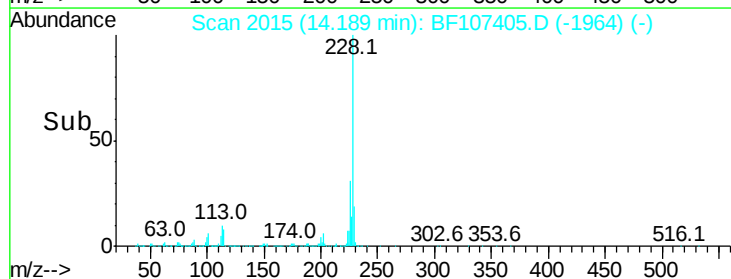
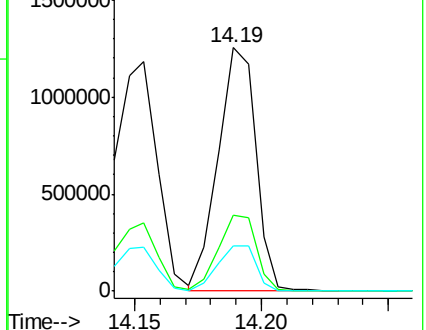
Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	18.8	16.2	24.4

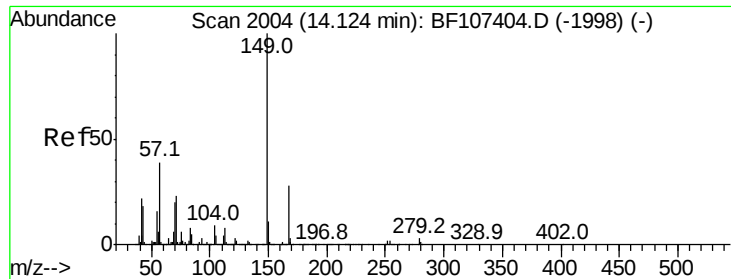


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.030 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.00 min

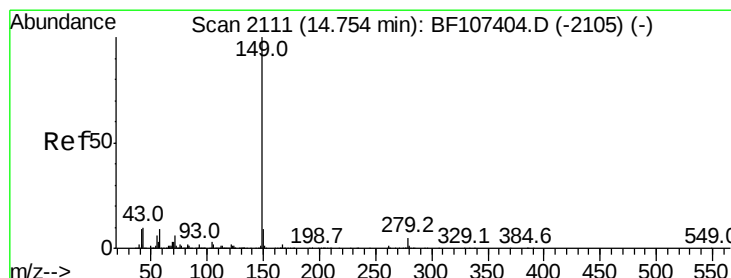
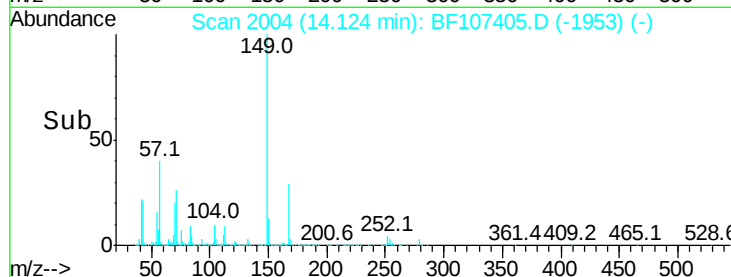
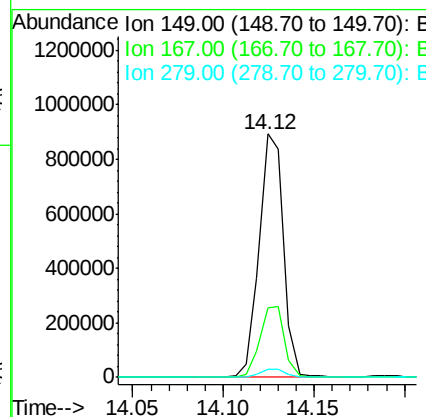
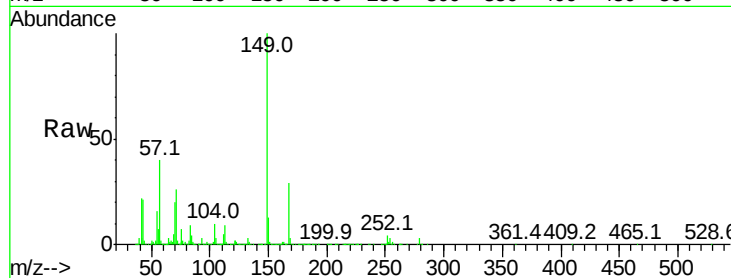
Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 836541

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.3	31.9
279	3.3	3.0	4.4



#84

Di-n-octyl phthalate

Concen: 50.011 ng

RT: 14.75 min Scan# 2111

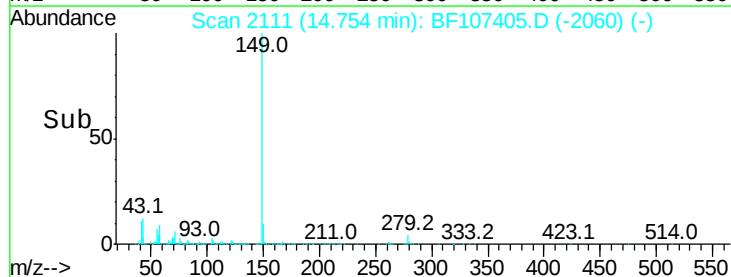
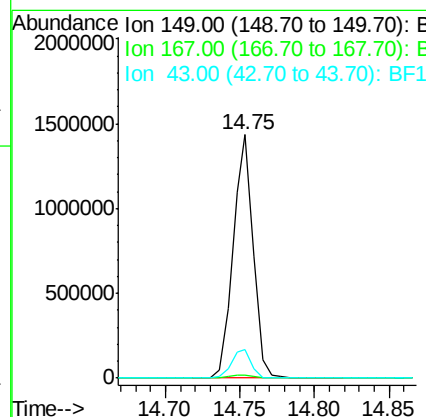
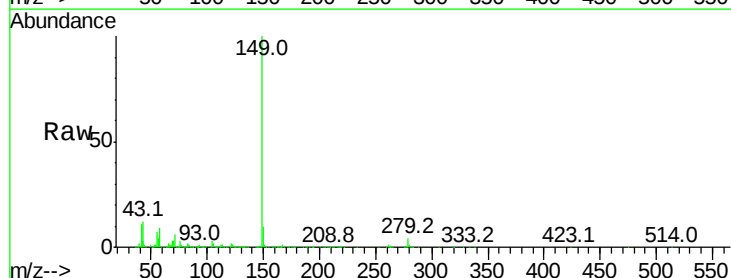
Delta R.T. -0.00 min

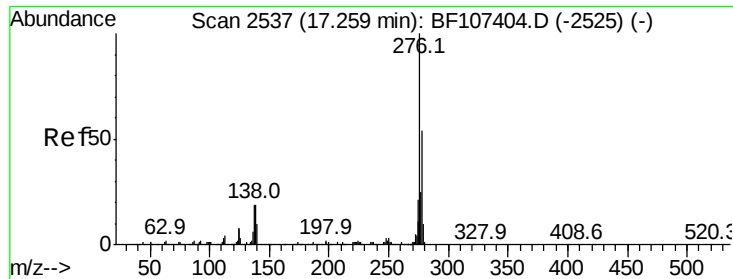
Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:149 Resp: 1363089

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.489 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

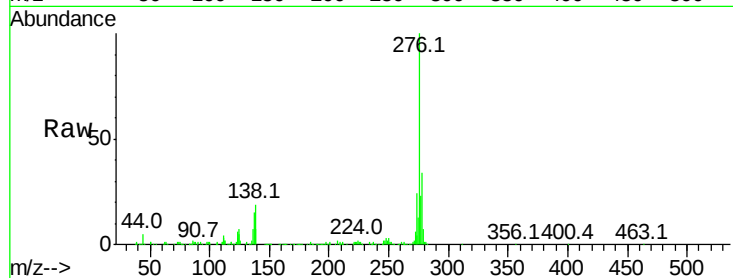
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 860529

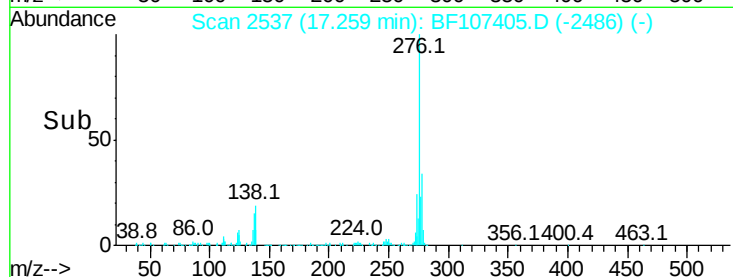
Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	25.6	20.1	30.1



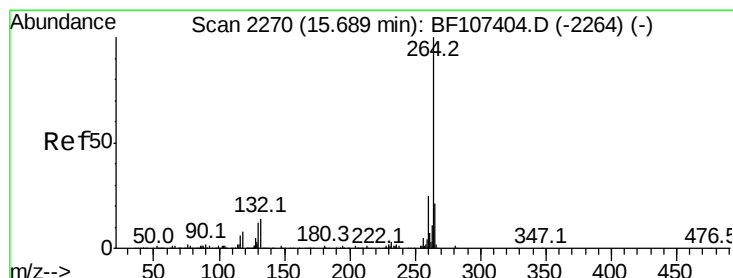
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

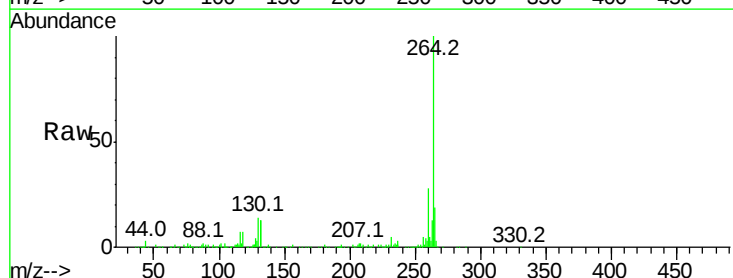
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:264 Resp: 382930

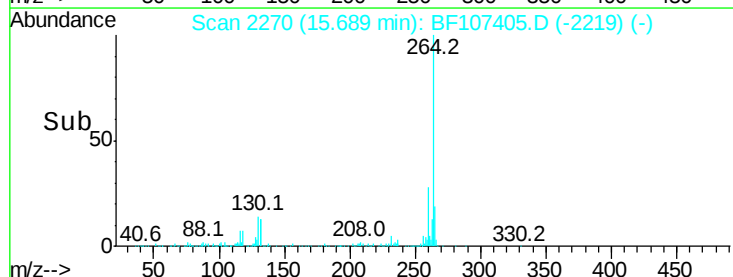
Ion	Ratio	Lower	Upper
264	100		
260	28.3	19.2	28.8
265	19.0	17.5	26.3



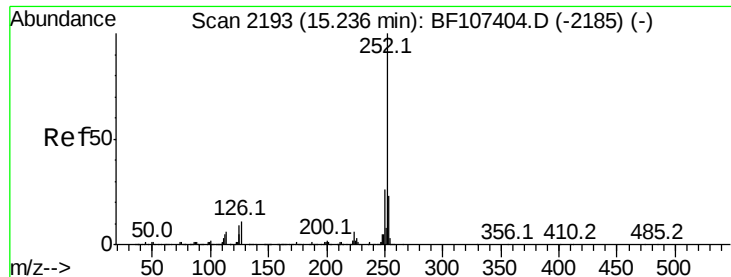
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 47.098 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

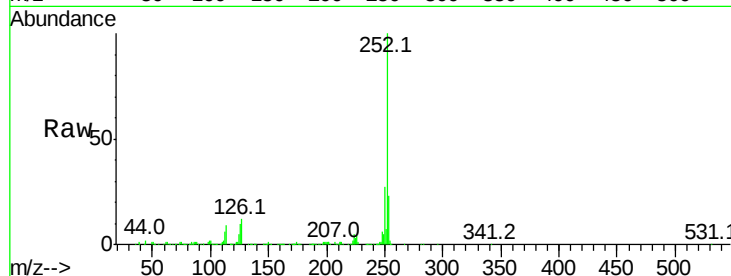
Tot Ion:252 Resp: 1120334

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

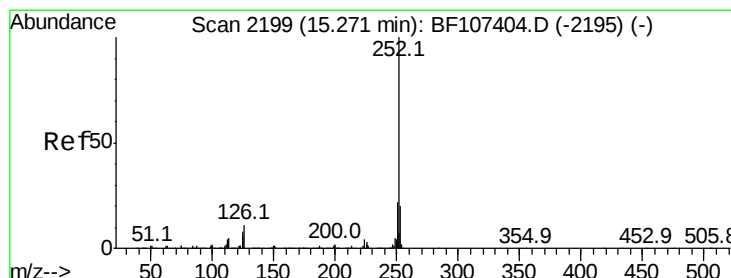
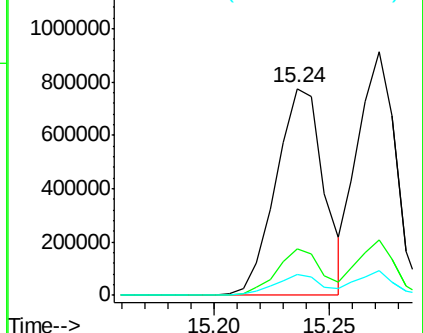
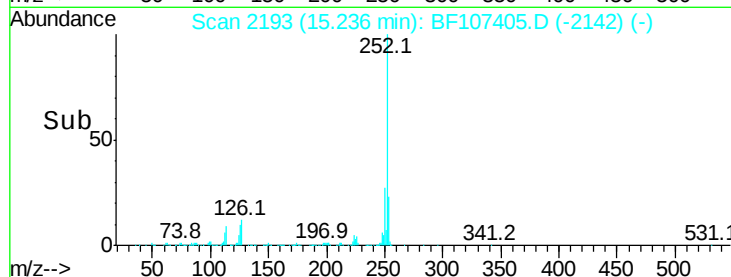
125 10.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.411 ng

RT: 15.27 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

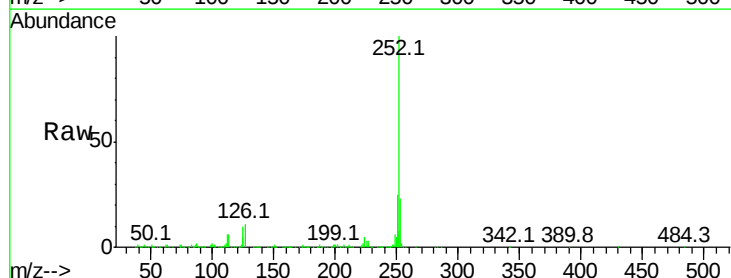
Tgt Ion:252 Resp: 1051341

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

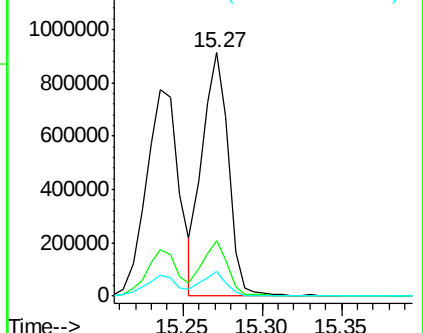
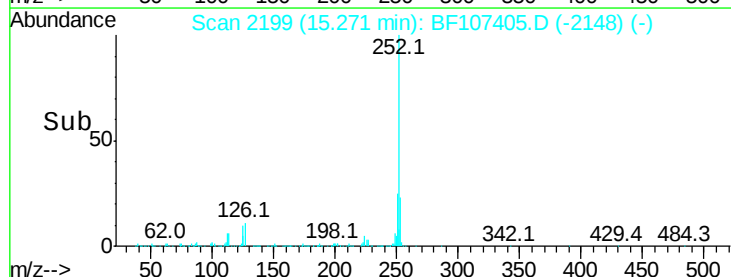
125 10.2 10.2 15.2

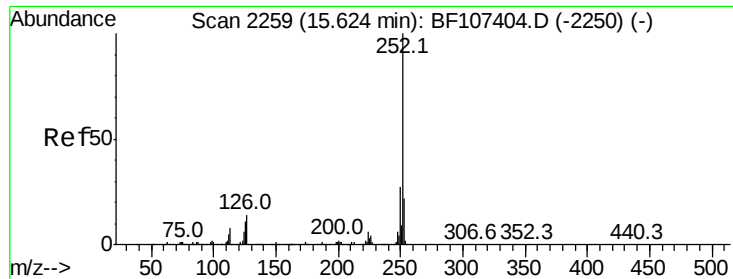


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

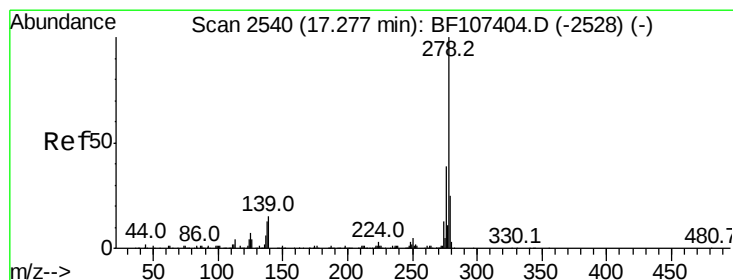
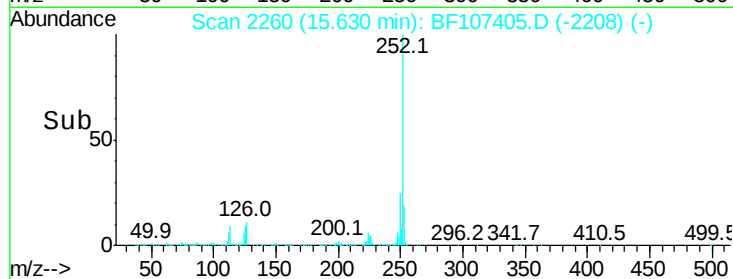
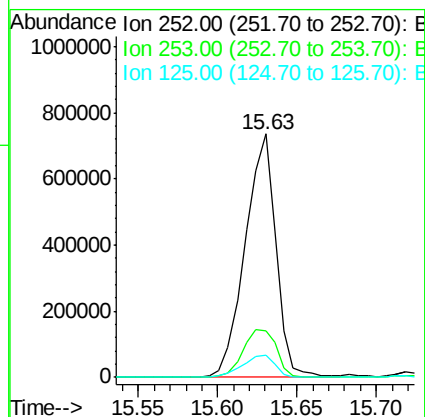
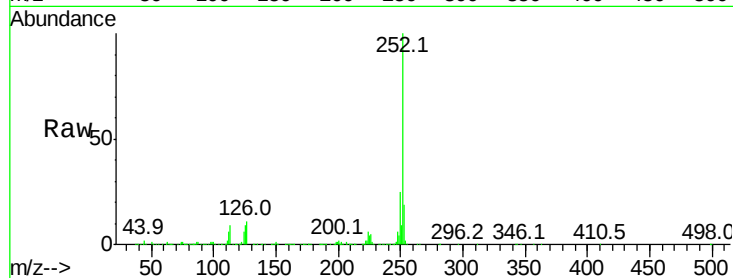




#89
Benzo(a)pyrene
Concen: 46.974 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

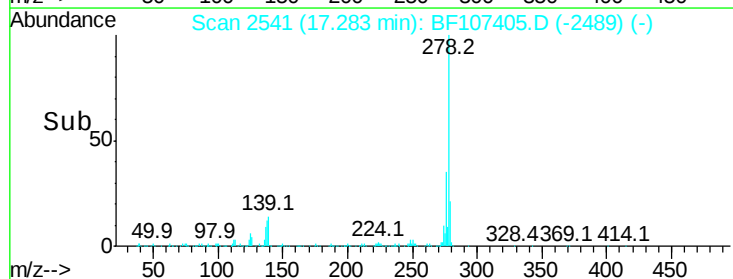
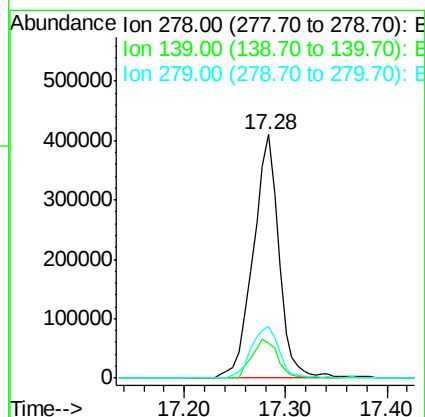
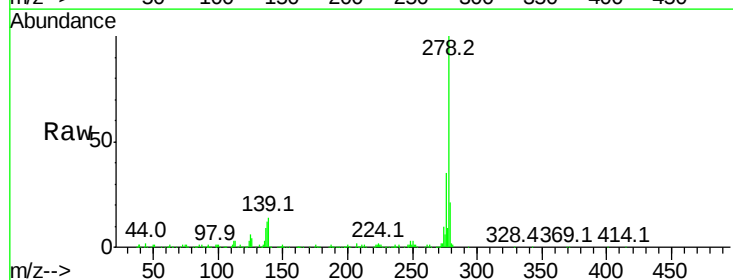
Instrument :
BNA_F
ClientSampleId :

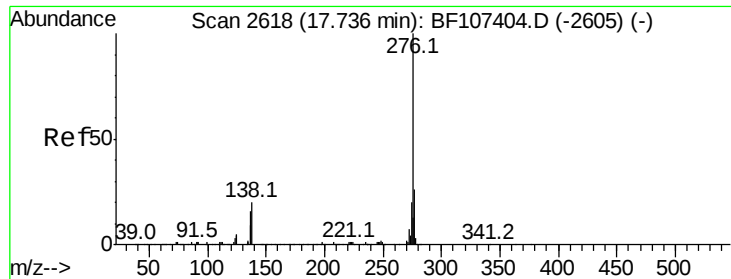
Tot Ion	Ratio	Lower	Upper
252	100		
253	19.3	17.1	25.7
125	9.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.620 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	15.9	23.9
279	21.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.558 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. 0.01 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.1	17.9	26.9
138	19.5	21.8	32.8

