

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107406.D
 Acq On : 16 Jul 2018 15:55
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 16:20:50 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	126769	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	516586	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	260204	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	527872	20.00	ng	0.00
75) Chrysene-d12	14.16	240	353234	20.00	ng	0.00
86) Perylene-d12	15.69	264	289929	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	948518	126.70	ng	0.00
7) Phenol-d6	6.60	99	1212060	129.64	ng	0.00
23) Nitrobenzene-d5	7.55	82	1214696	130.68	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	234162	77.64	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1855903	108.95	ng	0.00
78) Terphenyl-d14	13.10	244	1670418	114.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	243798	63.343	ng	91
3) Pyridine	3.61	79	660346	63.262	ng	94
4) n-Nitrosodimethylamine	3.58	42	293141	66.121	ng	# 90
6) Aniline	6.65	93	857475	67.614	ng	# 87
8) 2-Chlorophenol	6.77	128	480892	58.565	ng	85
9) Benzaldehyde	6.54	77	509774	79.825	ng	89
10) Phenol	6.61	94	642665	60.234	ng	# 64
11) bis(2-Chloroethyl)ether	6.72	93	546584	62.054	ng	98
12) 1,3-Dichlorobenzene	6.92	146	566948	58.951	ng	# 89
13) 1,4-Dichlorobenzene	7.00	146	575412	59.181	ng	# 94
14) 1,2-Dichlorobenzene	7.15	146	525097	58.928	ng	93
15) Benzyl Alcohol	7.12	79	647417	86.242	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	7.25	45	613300	53.069	ng	87
17) 2-Methylphenol	7.22	107	463951	66.025	ng	# 86
18) Hexachloroethane	7.50	117	230543	67.426	ng	89
19) n-Nitroso-di-n-propylamine	7.40	70	457307	74.206	ng	# 94
20) 3+4-Methylphenols	7.38	107	561055	68.982	ng	# 82
22) Acetophenone	7.39	105	726128	62.828	ng	# 88
24) Nitrobenzene	7.57	77	652851	68.791	ng	# 85
25) Isophorone	7.81	82	1070350	65.345	ng	# 93
26) 2-Nitrophenol	7.88	139	247148	55.166	ng	# 69
27) 2,4-Dimethylphenol	7.91	122	427155	61.686	ng	# 82
28) bis(2-Chloroethoxy)methane	8.01	93	643959	58.552	ng	# 95
29) 2,4-Dichlorophenol	8.11	162	460028	63.455	ng	92
30) 1,2,4-Trichlorobenzene	8.20	180	501817	62.834	ng	96
31) Naphthalene	8.29	128	1345946	55.728	ng	98
32) Benzoic acid	8.02	122	260907	56.023	ng	# 70
33) 4-Chloroaniline	8.33	127	601237	59.328	ng	# 84
34) Hexachlorobutadiene	8.40	225	343054	65.922	ng	99
35) Caprolactam	8.72	113	141309	59.796	ng	93
36) 4-Chloro-3-methylphenol	8.81	107	572393	75.011	ng	# 84
37) 2-Methylnaphthalene	8.98	142	894648	55.886	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	543135	61.982	ng	99
40) Hexachlorocyclopentadiene	9.13	237	317239	70.365	ng	98

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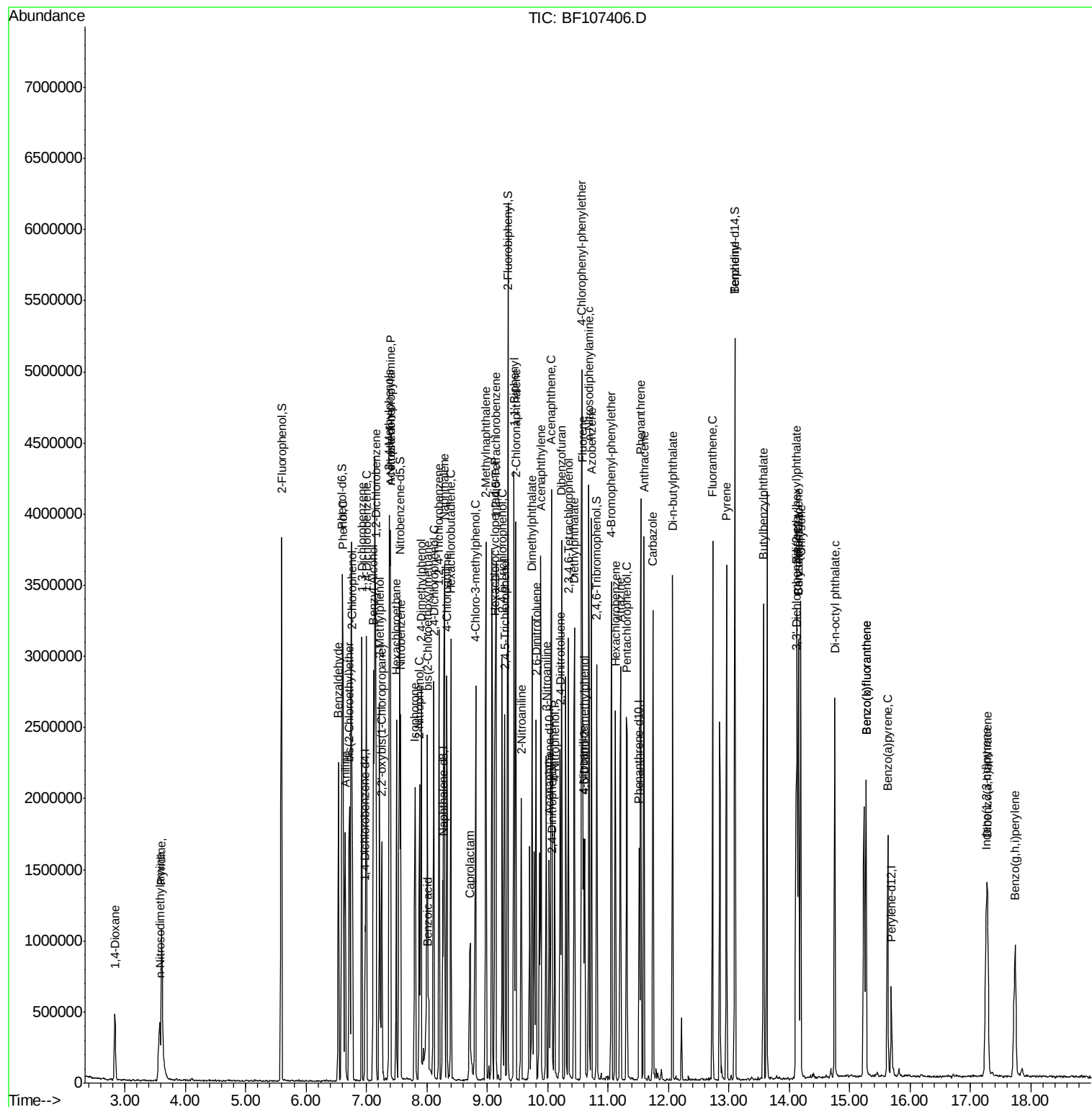
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	354715	60.897	nq	96
43) 2,4,5-Trichlorophenol	9.29	196	371263	61.083	nq	94
45) 1,1'-Biphenyl	9.44	154	1209631	58.332	nq	94
46) 2-Chloronaphthalene	9.47	162	977852	59.906	nq	96
47) 2-Nitroaniline	9.57	65	363842	66.287	nq #	76
48) Acenaphthylene	9.89	152	1372942	53.275	nq	95
49) Dimethylphthalate	9.74	163	1141729	58.503	nq #	97
50) 2,6-Dinitrotoluene	9.81	165	251982	60.976	nq #	66
51) Acenaphthene	10.06	154	904147	55.715	nq	97
52) 3-Nitroaniline	9.98	138	247056	51.953	nq #	70
53) 2,4-Dinitrophenol	10.08	184	97523	51.818	nq #	25
54) Dibenzofuran	10.23	168	1343329	60.452	nq	92
55) 4-Nitrophenol	10.12	139	197548	59.514	nq #	43
56) 2,4-Dinitrotoluene	10.21	165	318512	59.049	nq #	74
57) Fluorene	10.58	166	894176	50.709	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	314317	65.056	nq	91
59) Diethylphthalate	10.44	149	1100767	58.440	nq	94
60) 4-Chlorophenyl-phenylether	10.57	204	540789	58.614	nq	95
61) 4-Nitroaniline	10.60	138	235517	49.903	nq #	44
62) Azobenzene	10.72	77	1311248	70.692	nq	87
64) 4,6-Dinitro-2-methylphenol	10.62	198	177957	54.538	nq	83
65) n-Nitrosodiphenylamine	10.68	169	931253	52.450	nq	94
66) 4-Bromophenyl-phenylether	11.06	248	332965	52.853	nq	96
67) Hexachlorobenzene	11.12	284	309972	47.010	nq #	86
68) Atrazine	11.21	200	350911	62.170	nq	96
69) Pentachlorophenol	11.31	266	245147	74.513	nq	93
70) Phenanthrene	11.54	178	1400179	54.995	nq	98
71) Anthracene	11.60	178	1415751	54.478	nq	98
72) Carbazole	11.75	167	1299861	53.425	nq	93
73) Di-n-butylphthalate	12.07	149	1572590	54.863	nq #	97
74) Fluoranthene	12.73	202	1517303	54.069	nq	95
76) Benzidine	13.10	184	30603	3.042	nq	97
77) Pyrene	12.97	202	1480257	63.549	nq	96
79) Butylbenzylphthalate	13.57	149	586197	61.208	nq #	79
80) Benzo(a)anthracene	14.15	228	1230092	57.137	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	416795	55.085	nq	96
82) Chrysene	14.19	228	1155582	58.345	nq	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	790517	64.564	nq #	91
84) Di-n-octyl phthalate	14.75	149	1173325	58.789	nq	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	921338	54.815	nq #	93
87) Benzo(b)fluoranthene	15.27	252	892139	49.535	nq	99
88) Benzo(k)fluoranthene	15.27	252	892139	52.016	nq	96
89) Benzo(a)pyrene	15.63	252	871343	54.423	nq	96
90) Dibenzo(a,h)anthracene	17.28	278	741423	54.641	nq	96
91) Benzo(g,h,i)perylene	17.74	276	769758	58.040	nq #	90

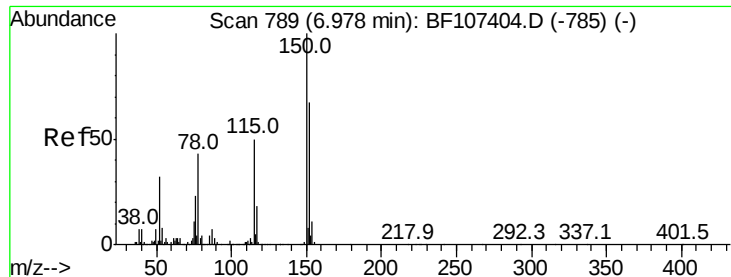
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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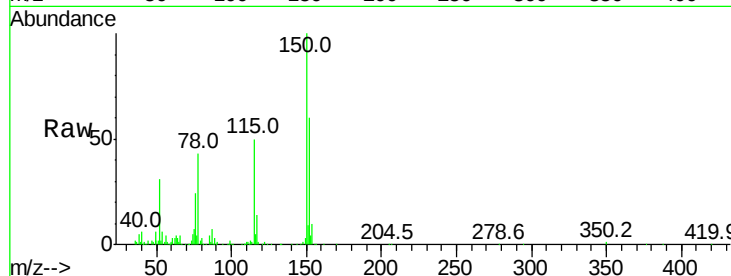


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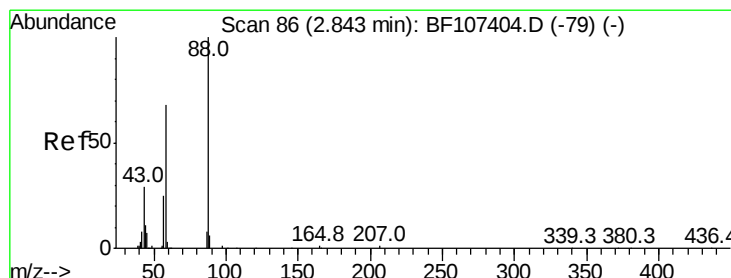
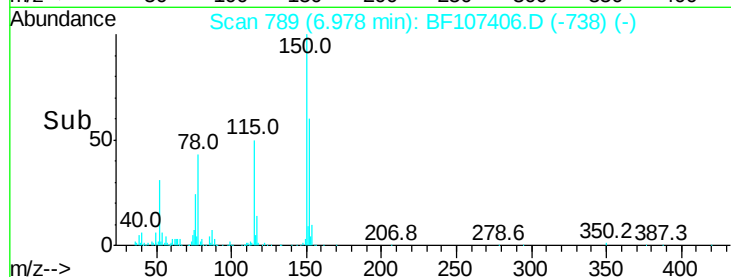
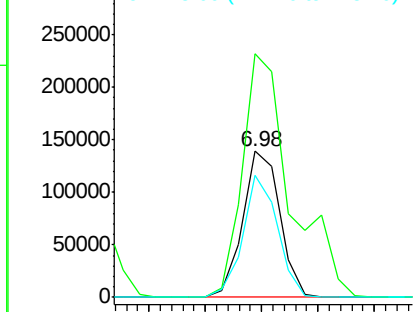
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.0	124.6	186.8
115	83.3	50.1	75.1#



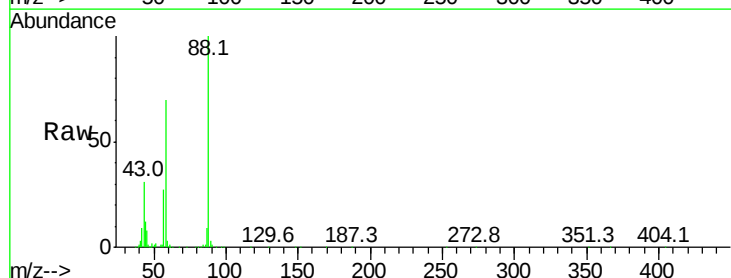
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



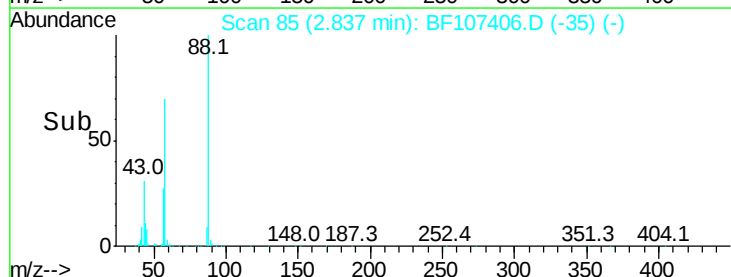
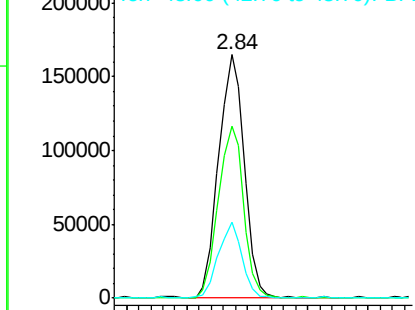
#2

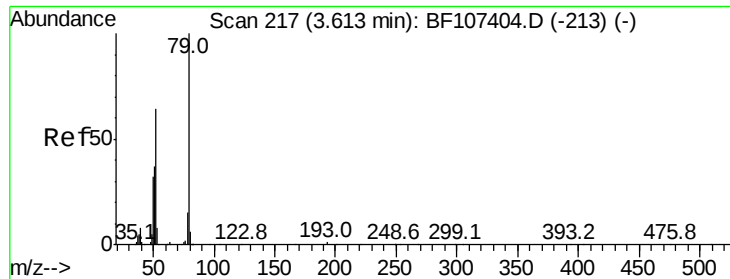
1,4-Dioxane
Concen: 63.343 ng
RT: 2.84 min Scan# 85
Delta R.T. -0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	62.6	93.8
43	28.8	24.6	37.0



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





#3

Pvridine

Concen: 63.262 ng

RT: 3.61 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

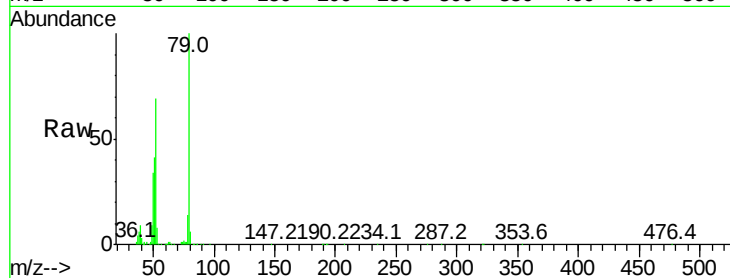
Tot Ion: 79 Resp: 660346

Ion Ratio Lower Upper

79 100

52 69.4 59.8 89.6

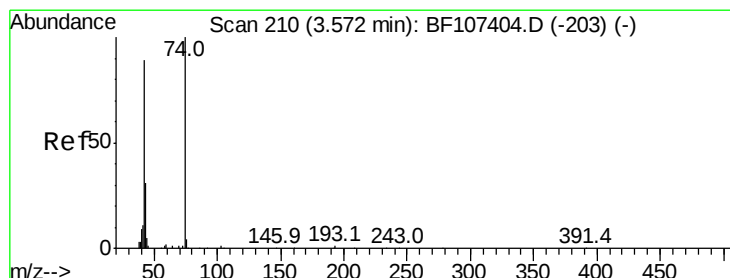
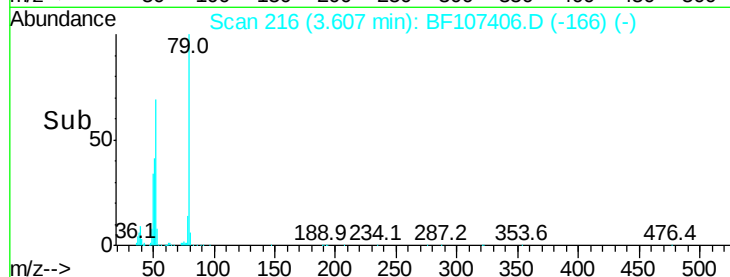
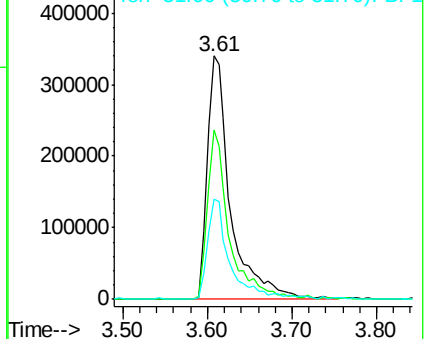
51 41.0 29.8 44.8



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: 66.121 ng

RT: 3.58 min Scan# 212

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

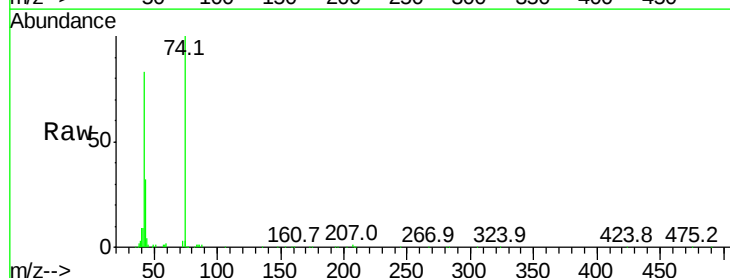
Tgt Ion: 42 Resp: 293141

Ion Ratio Lower Upper

42 100

74 119.9 104.9 157.3

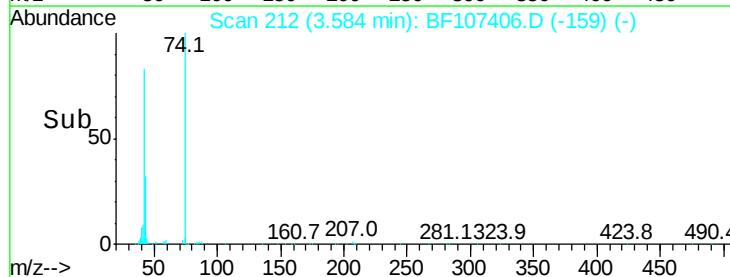
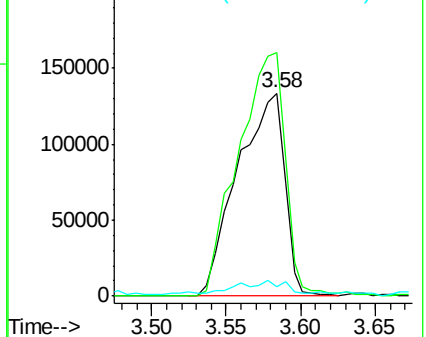
44 4.9 6.9 10.3#

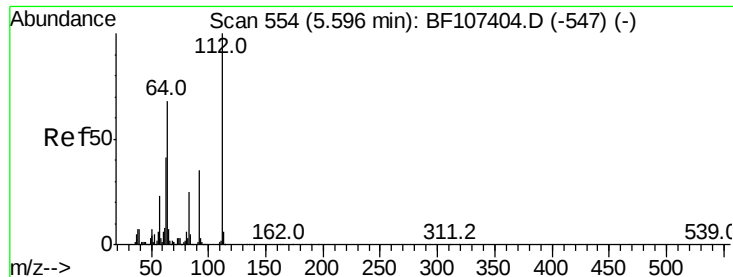


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 126.698 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF107406.D

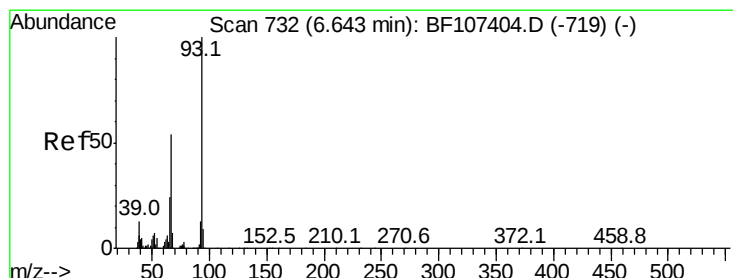
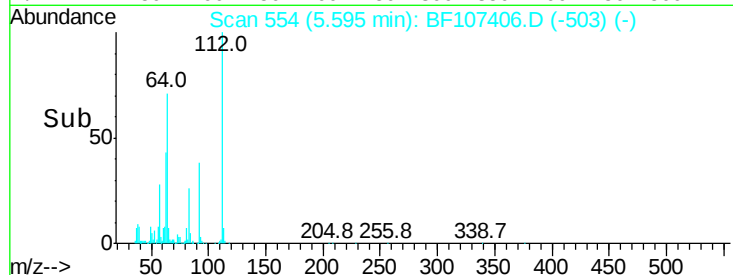
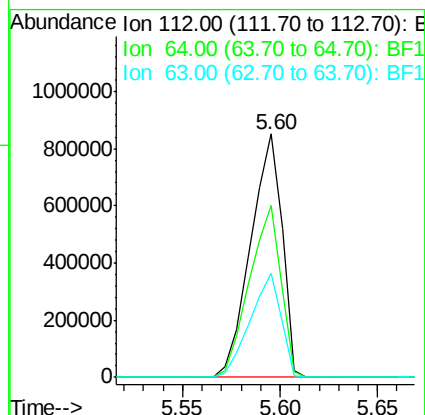
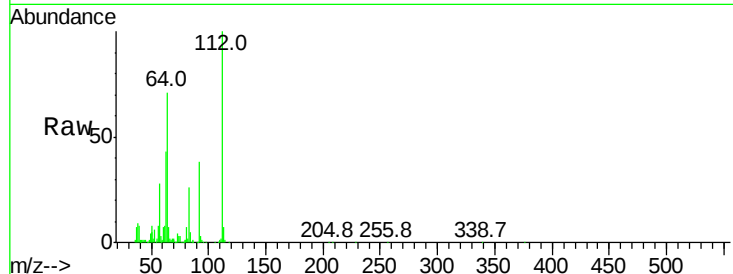
Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	948518
Ion	Ratio	Lower	Upper
112	100		
64	70.7	47.9	71.9
63	43.0	23.7	35.5#



#6

Aniline

Concen: 67.614 ng

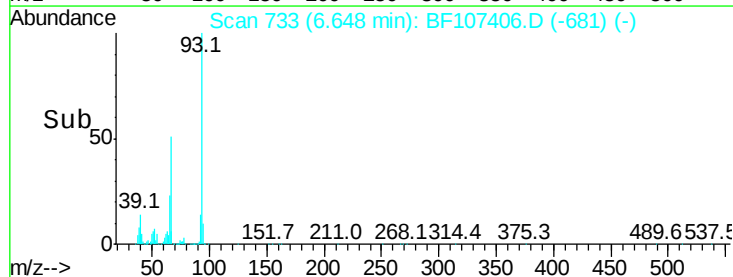
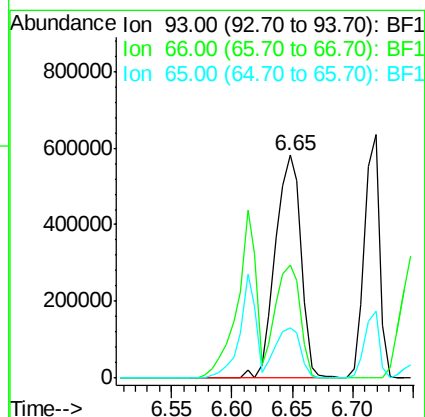
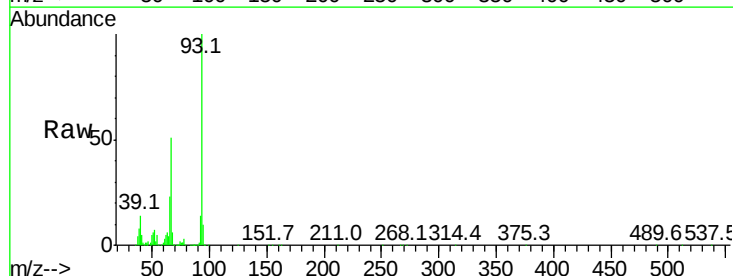
RT: 6.65 min Scan# 733

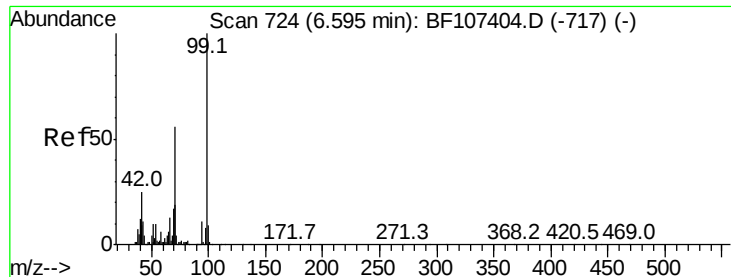
Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Tgt Ion:	93	Resp:	857475
Ion	Ratio	Lower	Upper
93	100		
66	50.6	32.2	48.2#
65	22.6	16.4	24.6





#7

Phenol-d6

Concen: 129.645 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

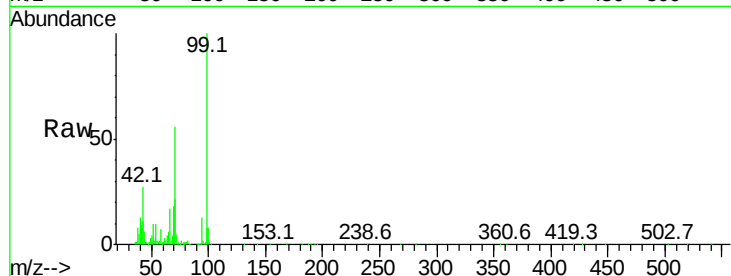
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1212060

Ion	Ratio	Lower	Upper
99	100		
42	26.8	14.5	21.7#
71	55.9	25.4	38.0#

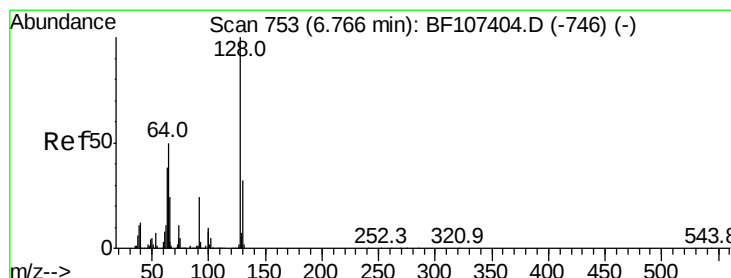
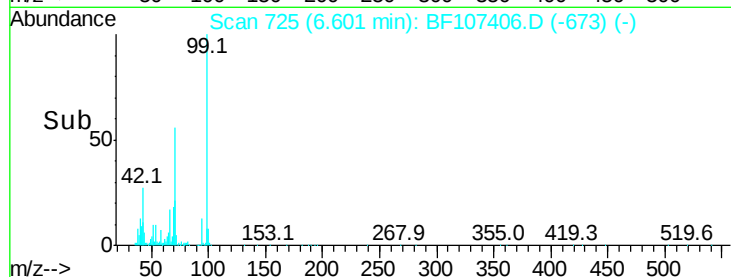
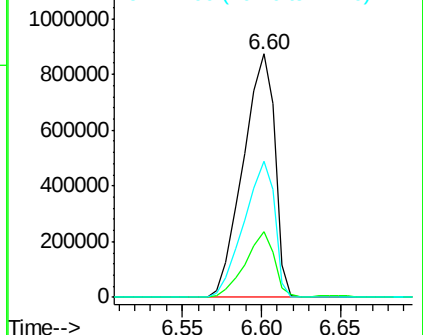


Abundance

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: 58.565 ng

RT: 6.77 min Scan# 753

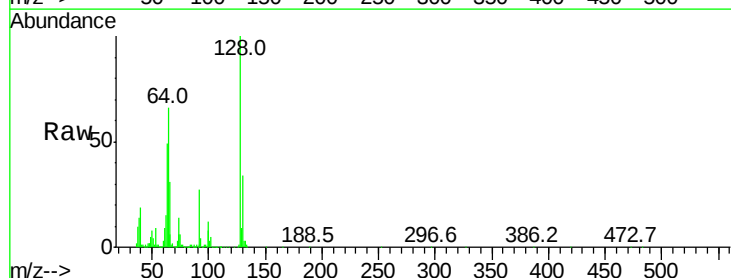
Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Tgt Ion: 128 Resp: 480892

Ion	Ratio	Lower	Upper
128	100		
130	34.0	13.0	53.0
64	65.6	29.4	69.4

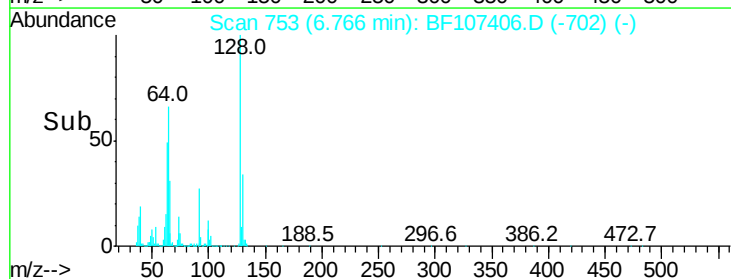
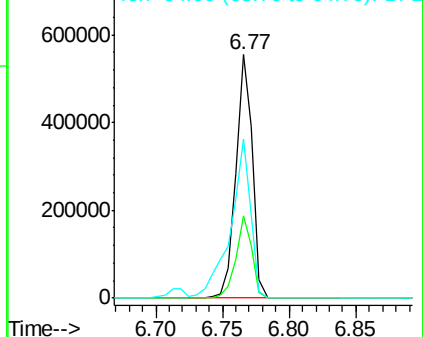


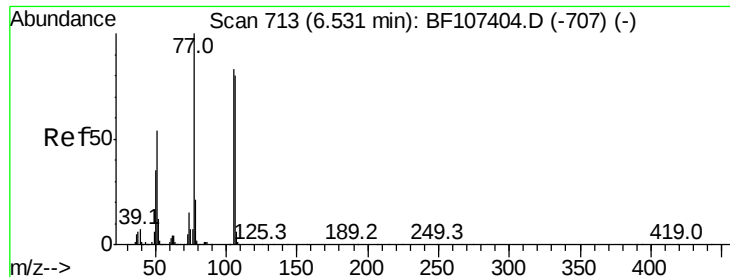
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 79.825 ng

RT: 6.54 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

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BNA_F

ClientSampled :

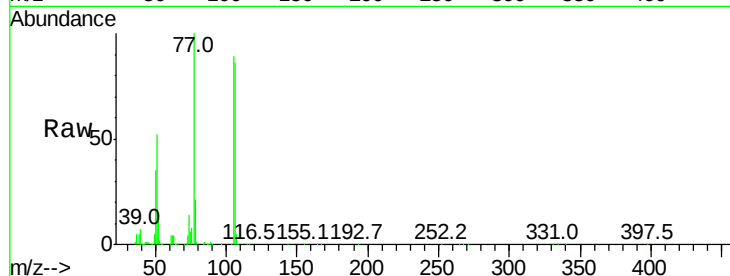
Tot Ion: 77 Resp: 509774

Ion Ratio Lower Upper

77 100

105 88.9 81.1 121.1

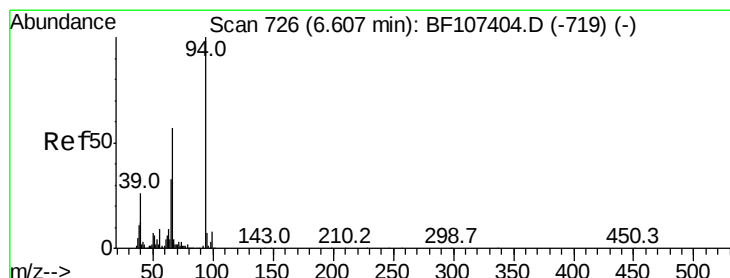
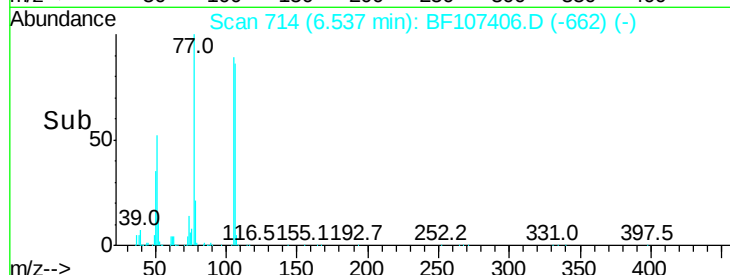
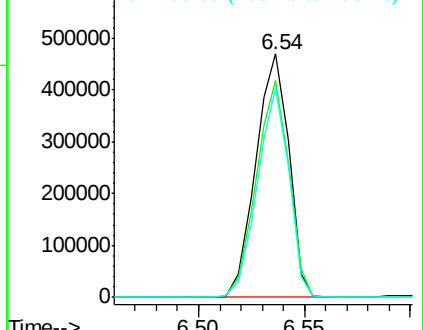
106 85.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 60.234 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

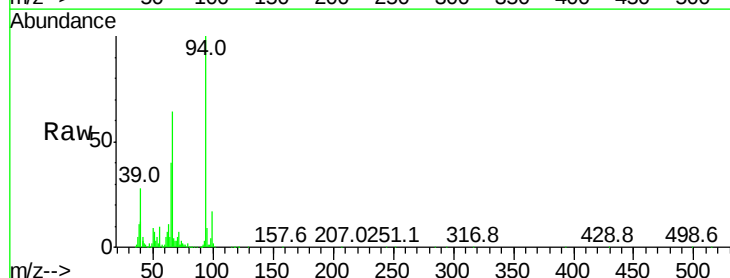
Tgt Ion: 94 Resp: 642665

Ion Ratio Lower Upper

94 100

65 39.7 7.9 47.9

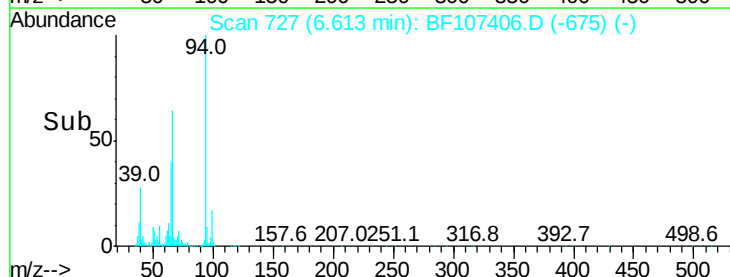
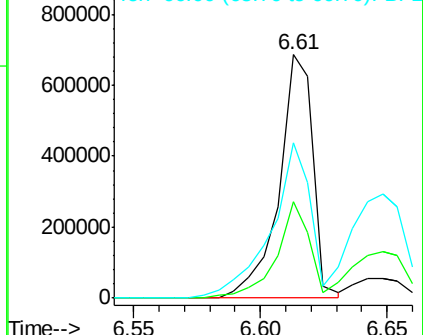
66 64.0 16.2 56.2#

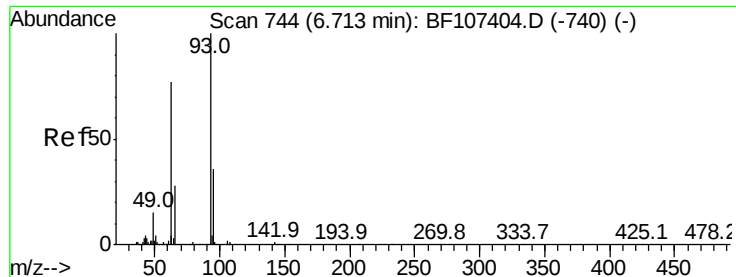


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 62.054 ng

RT: 6.72 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

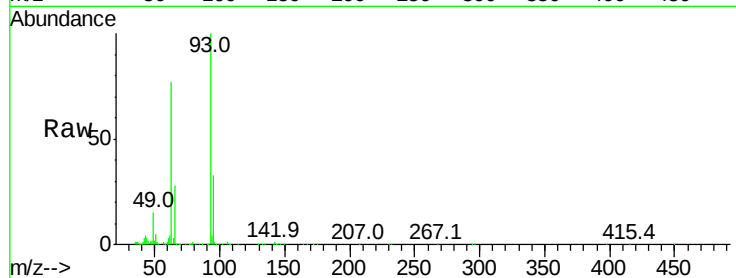
Tot Ion: 93 Resp: 546584

Ion Ratio Lower Upper

93 100

63 76.9 58.6 98.6

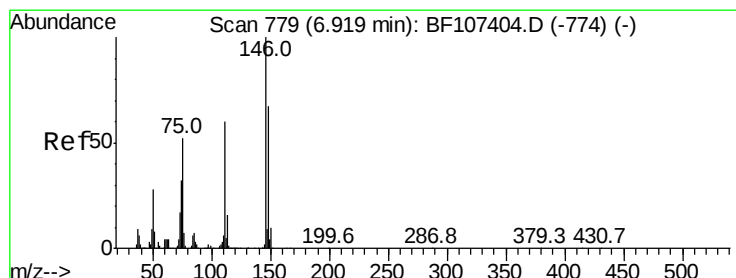
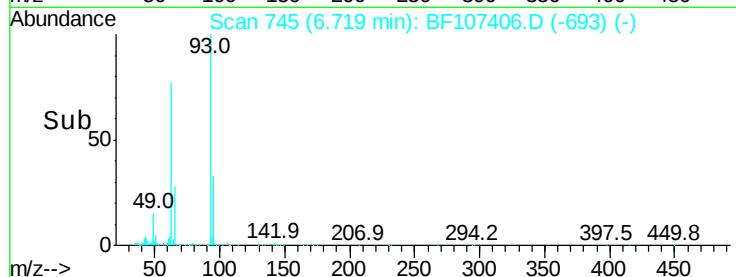
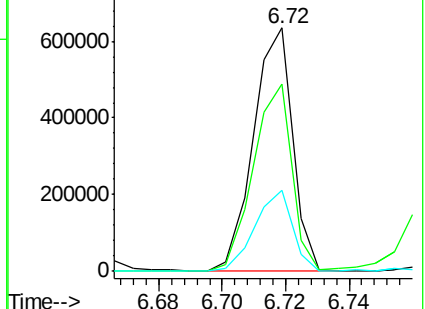
95 33.0 11.8 51.8



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: 58.951 ng

RT: 6.92 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

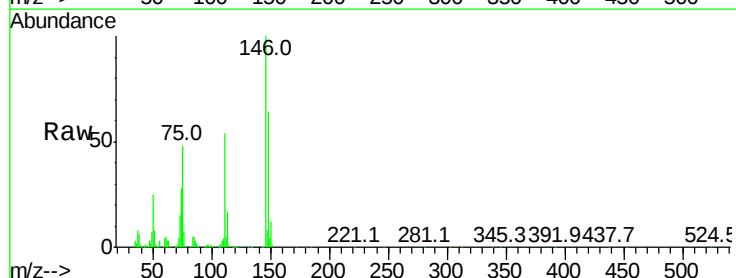
Tgt Ion: 146 Resp: 566948

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

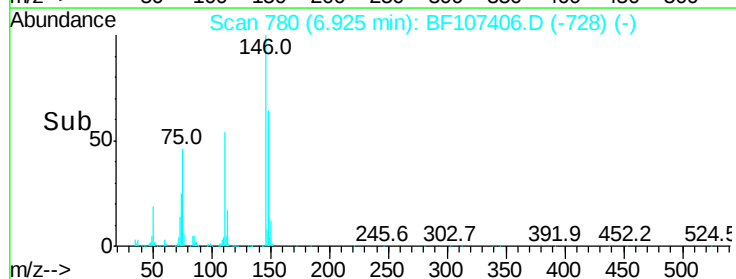
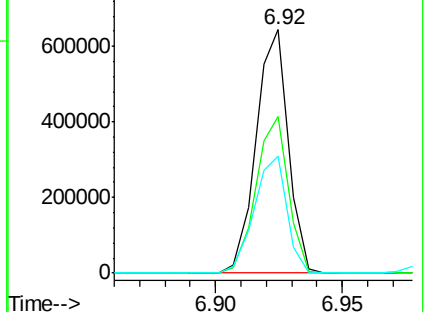
75 47.9 24.2 36.4#

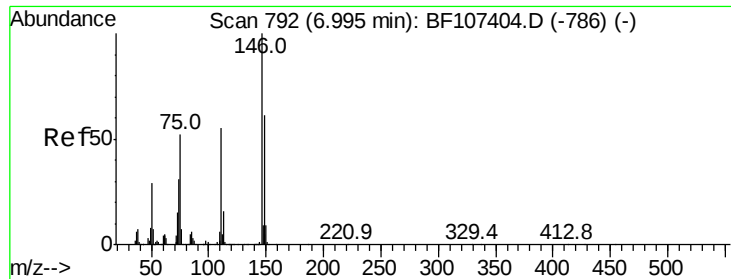


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 59.181 ng

RT: 7.00 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

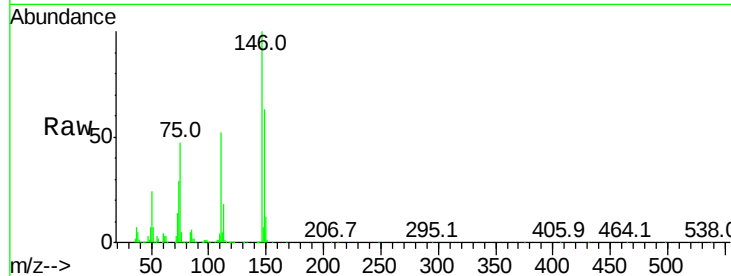
Tot Ion:146 Resp: 575412

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

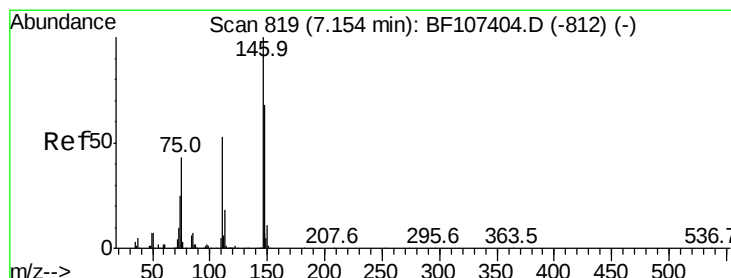
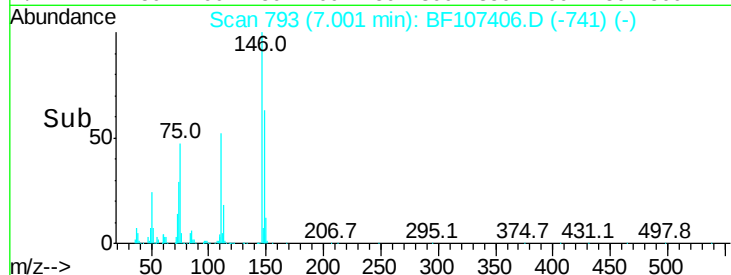
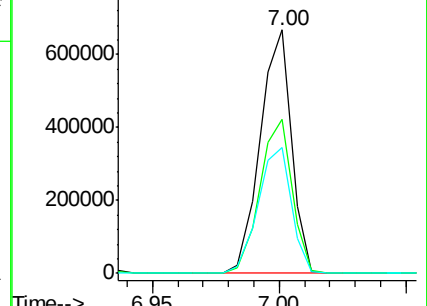
111 51.9 34.2 51.2#



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: 58.928 ng

RT: 7.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

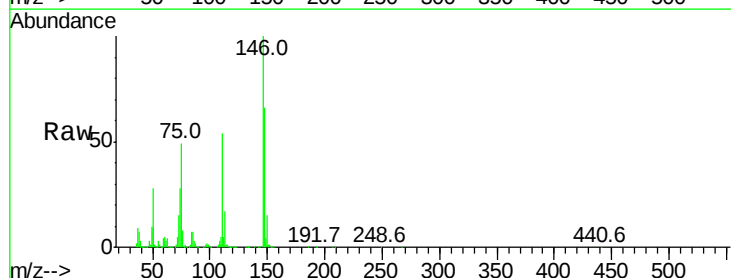
Tgt Ion:146 Resp: 525097

Ion Ratio Lower Upper

146 100

148 65.6 50.6 75.8

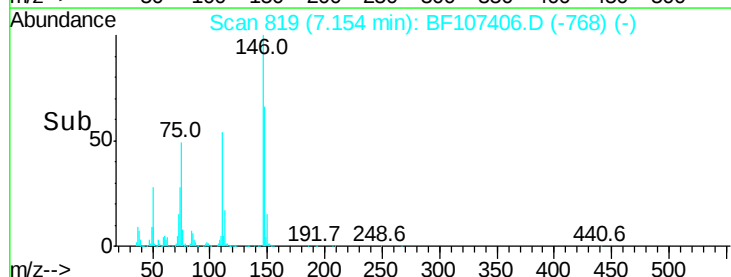
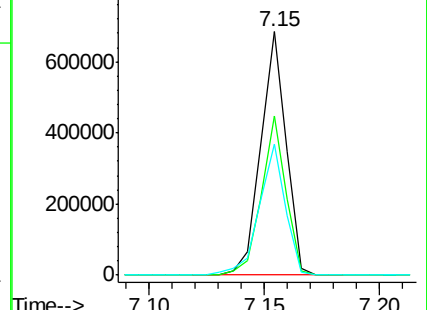
111 53.7 36.0 54.0

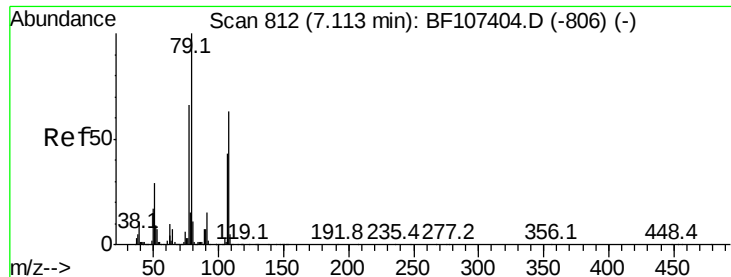


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 86.242 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

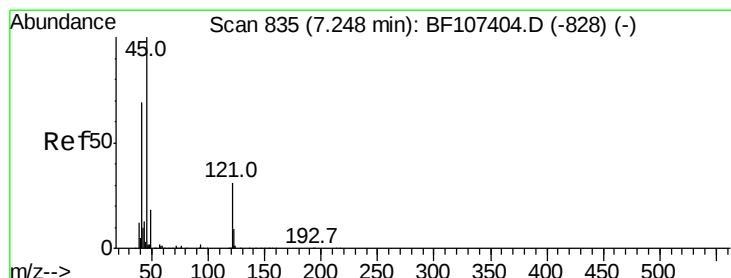
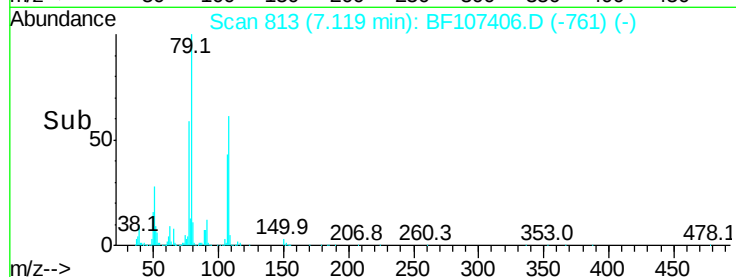
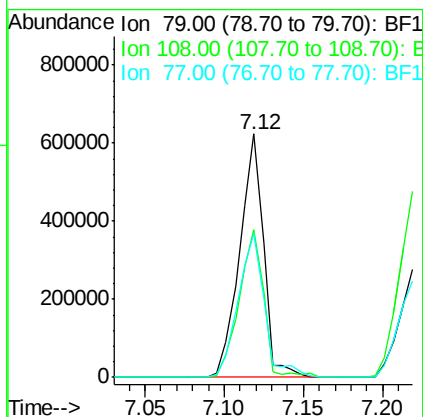
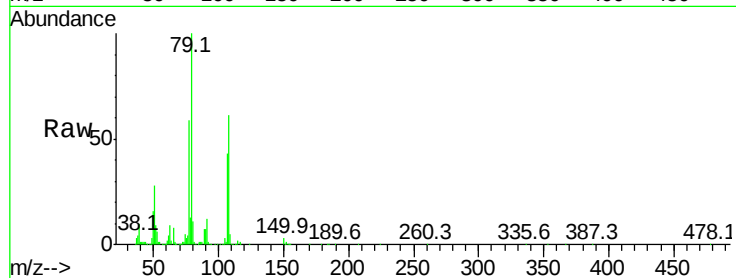
Tot Ion: 79 Resp: 647417

Ion Ratio Lower Upper

79 100

108 60.5 65.1 97.7#

77 59.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.069 ng

RT: 7.25 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

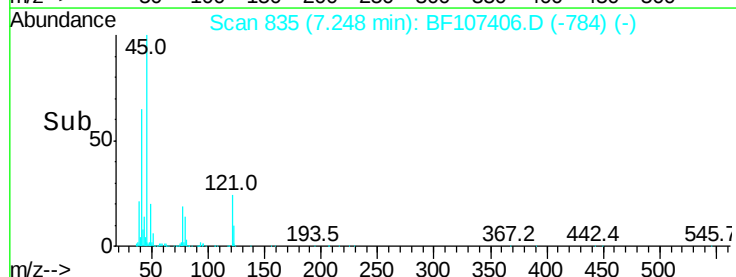
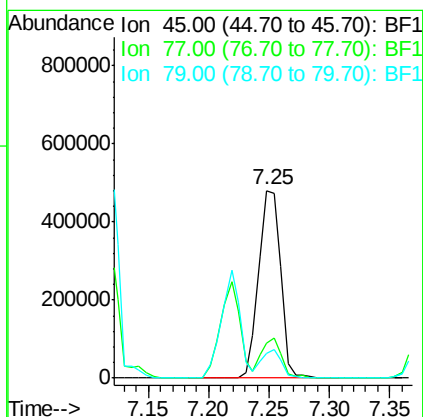
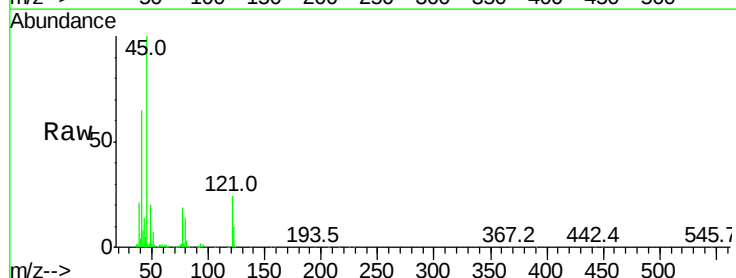
Tgt Ion: 45 Resp: 613300

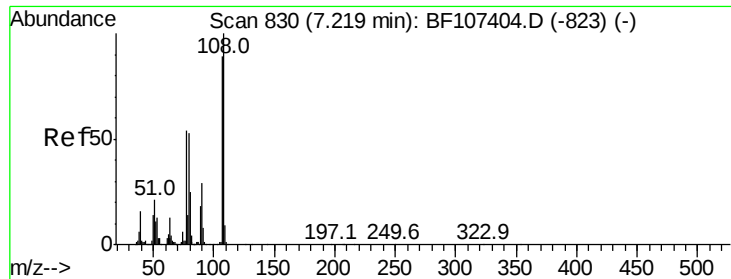
Ion Ratio Lower Upper

45 100

77 18.7 0.0 32.9

79 13.5 0.0 29.6

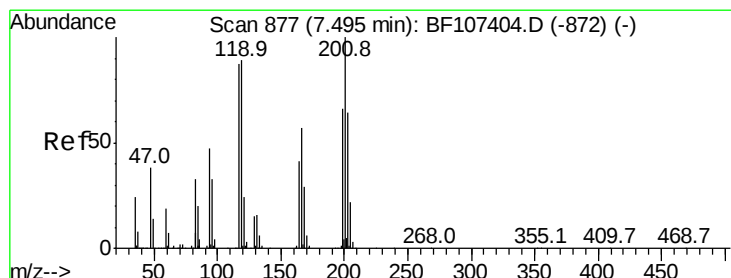
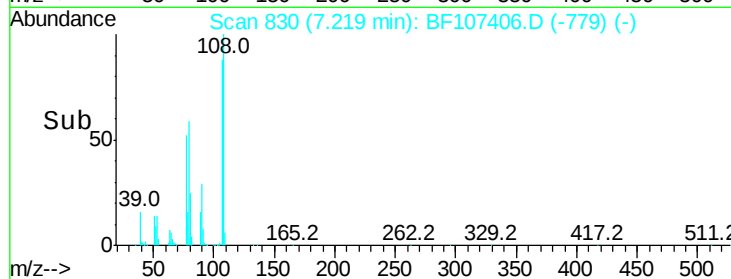
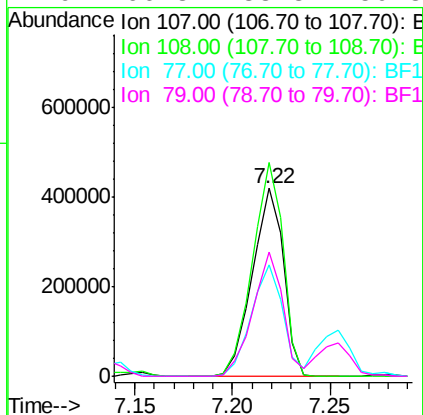
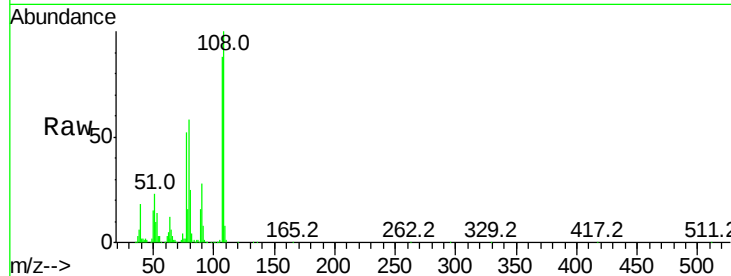




#17
2-Methylphenol
Concen: 66.025 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

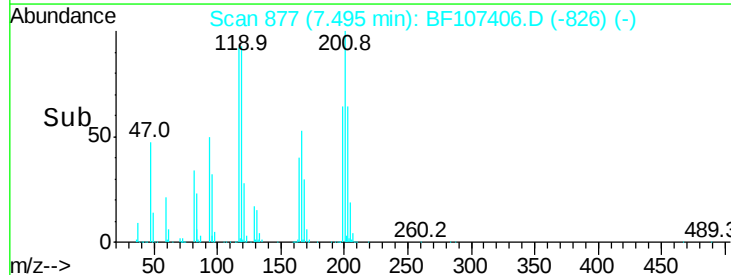
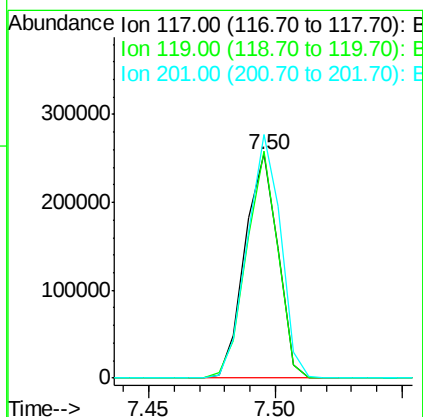
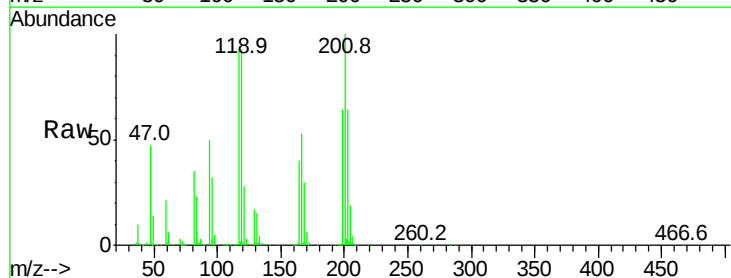
Instrument :
BNA_F
ClientSampleId :

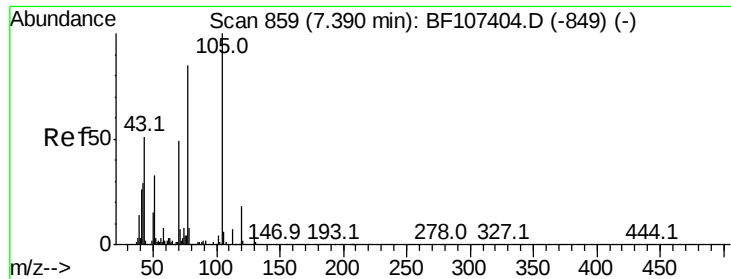
Tot Ion:107 Resp: 463951
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 59.3 33.8 50.8#
79 66.3 33.8 50.8#



#18
Hexachloroethane
Concen: 67.426 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion:117 Resp: 230543
Ion Ratio Lower Upper
117 100
119 101.4 75.8 113.8
201 108.5 75.7 113.5

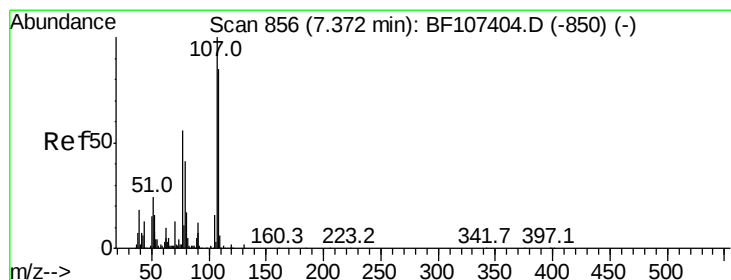
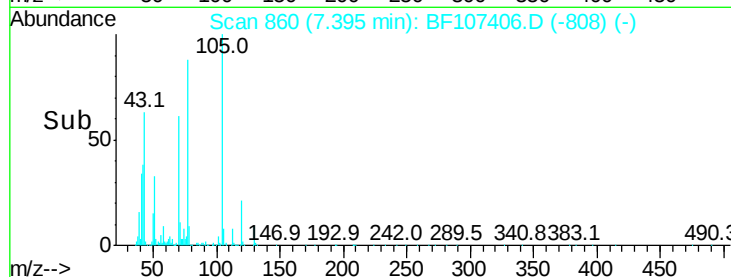
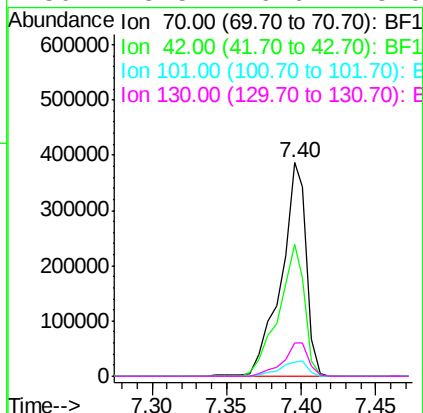
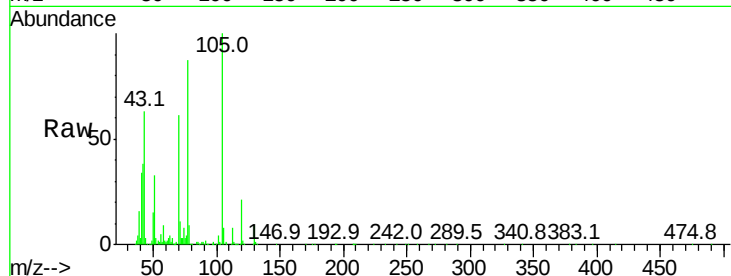




#19
n-Nitroso-di-n-propylamine
Concen: 74.206 ng
RT: 7.40 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

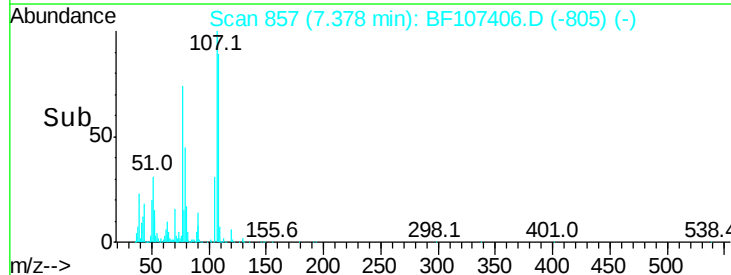
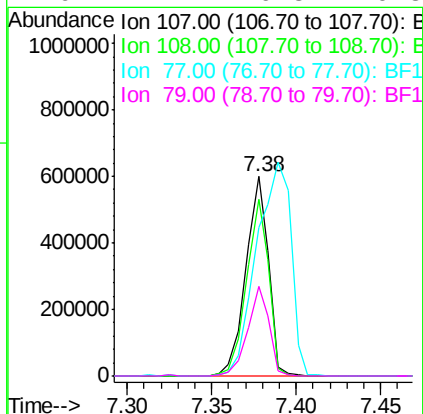
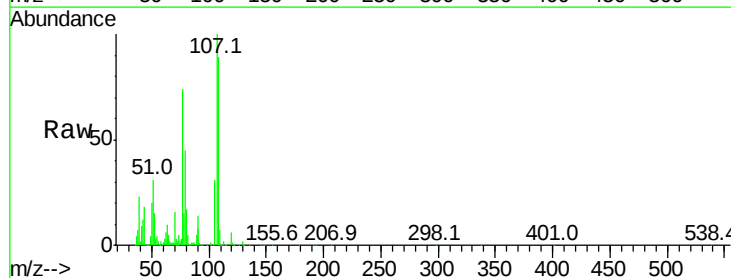
Instrument :
BNA_F
ClientSampleId :

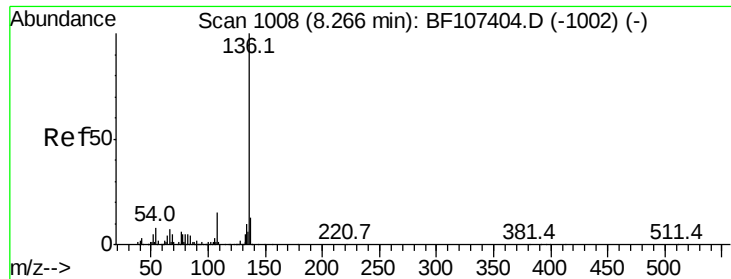
Tot Ion: 70 Resp: 457307
Ion Ratio Lower Upper
70 100
42 62.0 47.5 71.3
101 6.9 7.4 11.2#
130 15.5 16.6 25.0#



#20
3+4-Methylphenols
Concen: 68.982 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion:107 Resp: 561055
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 74.4 26.7 66.7#
79 44.7 6.3 46.3

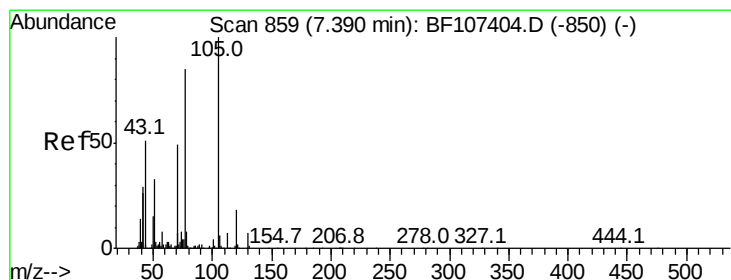
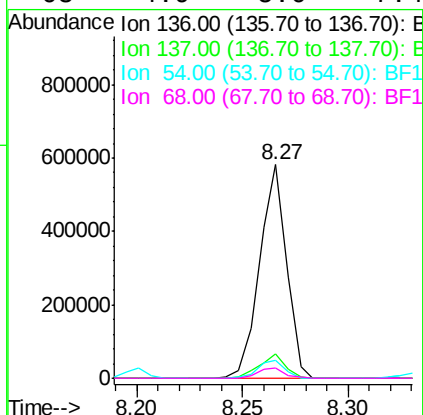
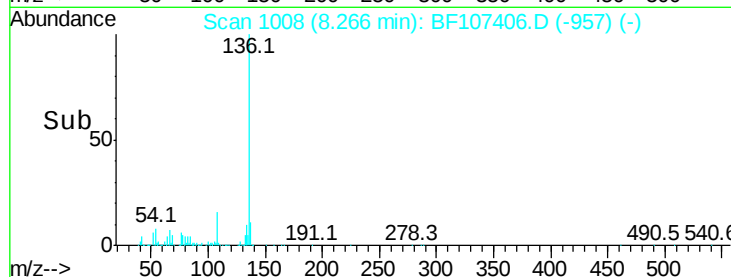
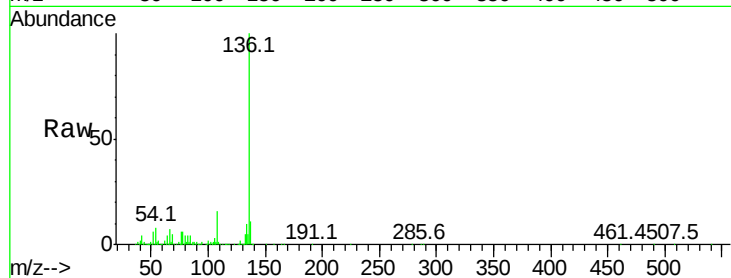




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

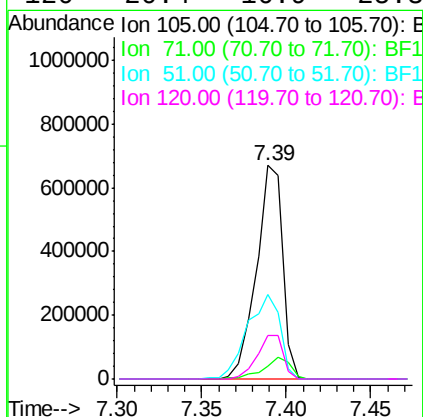
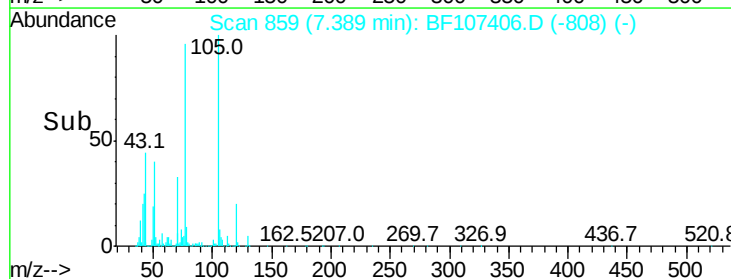
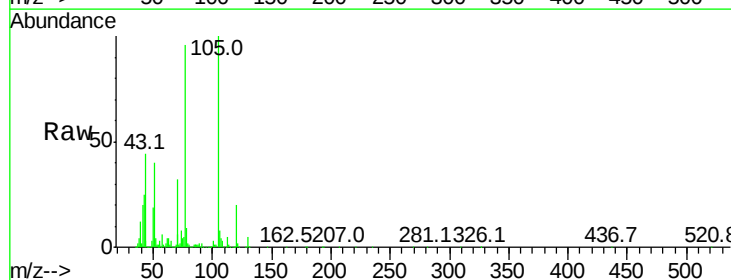
Instrument :
BNA_F
ClientSampleId :

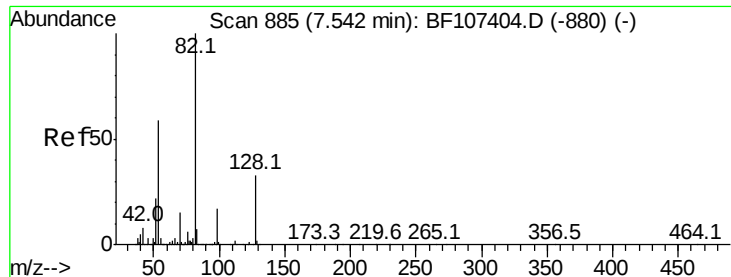
Tot Ion:136	Resp:	516586
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 8.4	6.6	9.8
68 4.9	5.0	7.4#



#22
Acetophenone
Concen: 62.828 ng
RT: 7.39 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion:105	Resp:	726128
Ion Ratio	Lower	Upper
105 100		
71 6.1	4.4	6.6
51 39.8	22.3	33.5#
120 20.4	16.9	25.3

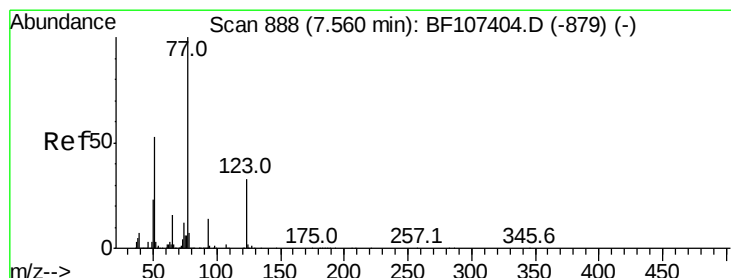
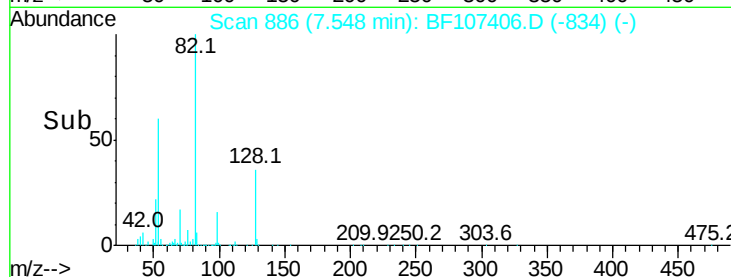
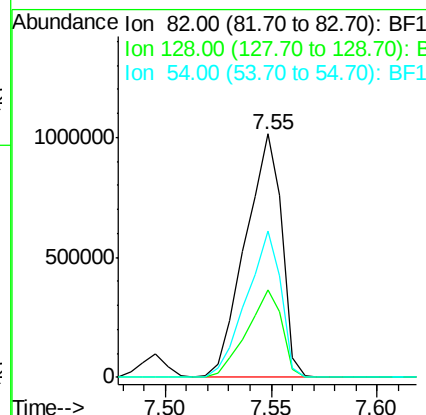
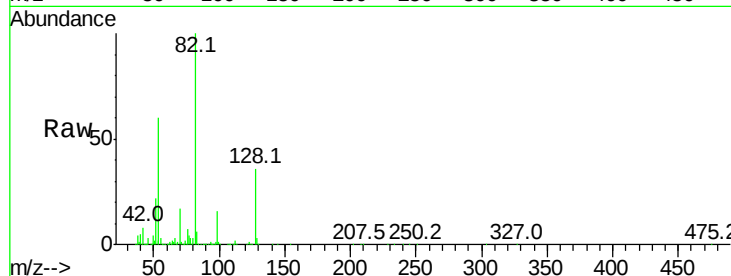




#23
Nitrobenzene-d5
Concen: 130.675 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

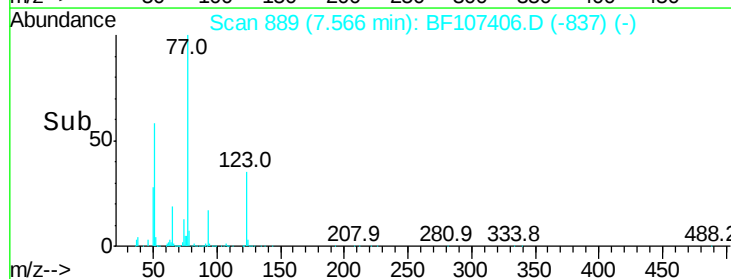
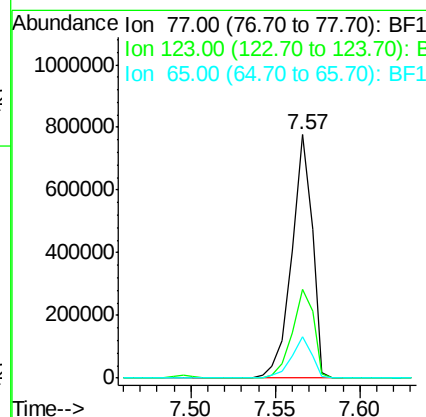
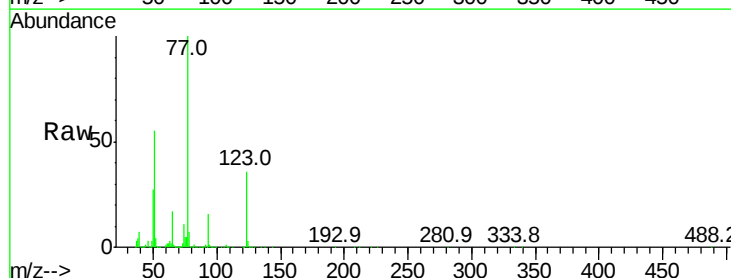
Instrument :
BNA_F
ClientSampleId :

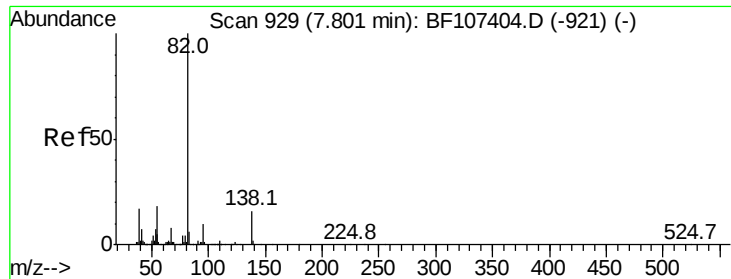
Tot Ion: 82 Resp: 1214696
Ion Ratio Lower Upper
82 100
128 35.8 36.1 54.1#
54 60.2 41.4 62.2



#24
Nitrobenzene
Concen: 68.791 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion: 77 Resp: 652851
Ion Ratio Lower Upper
77 100
123 36.3 37.9 56.9#
65 17.1 11.0 16.4#





#25

Isophorone

Concen: 65.345 ng

RT: 7.81 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

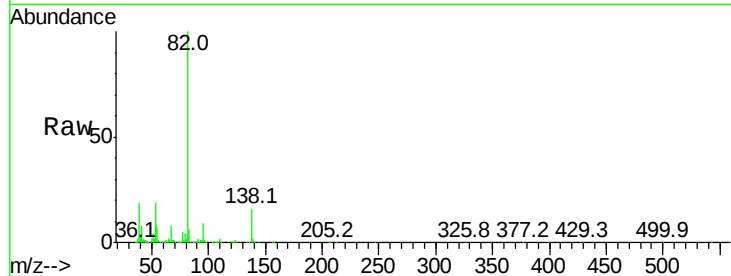
Tot Ion: 82 Resp: 1070350

Ion Ratio Lower Upper

82 100

95 9.3 5.2 7.8#

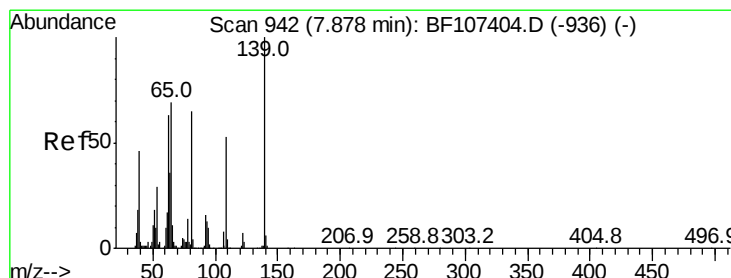
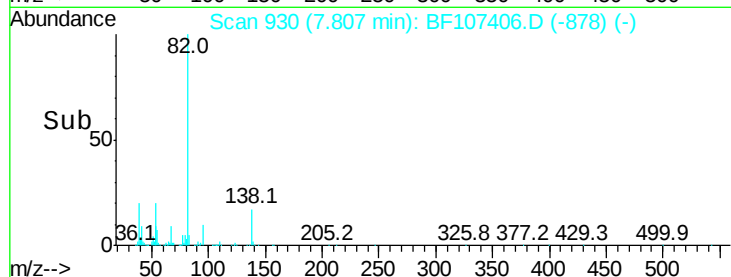
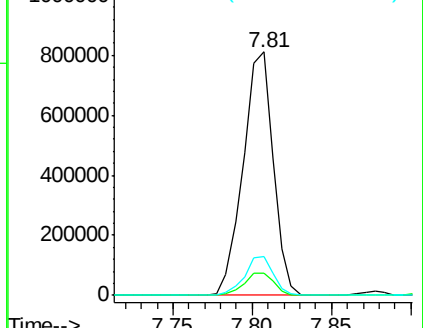
138 15.9 14.9 22.3



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: 55.166 ng

RT: 7.88 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

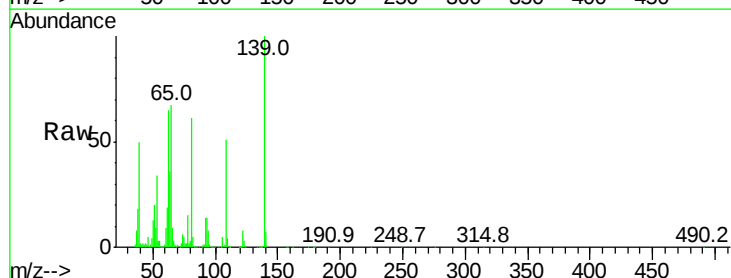
Tgt Ion: 139 Resp: 247148

Ion Ratio Lower Upper

139 100

109 51.1 22.7 34.1#

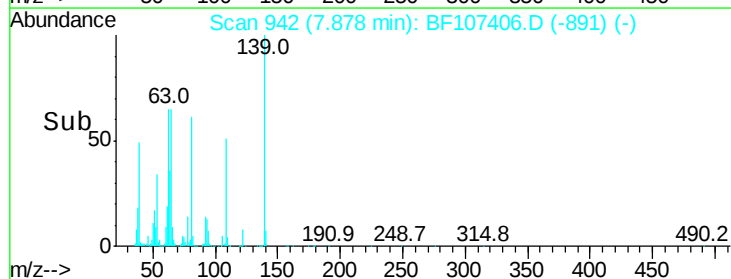
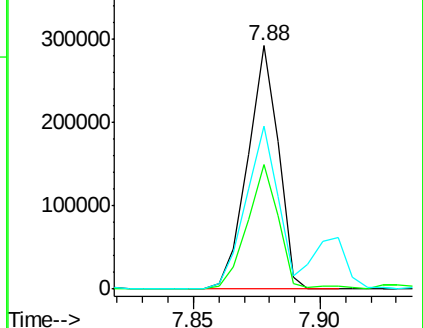
65 67.0 40.5 60.7#

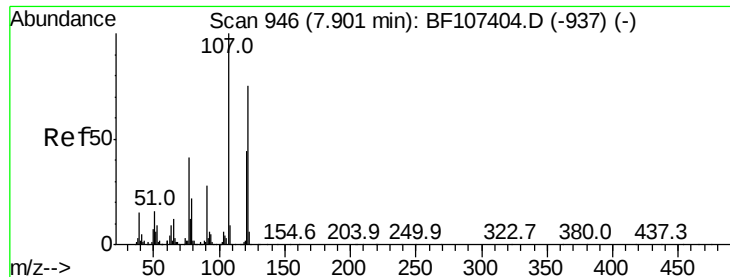


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 61.686 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

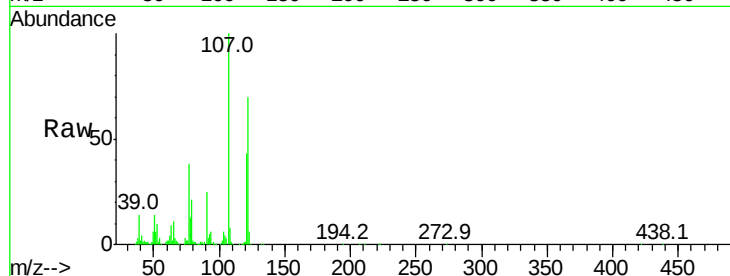
Tot Ion:122 Resp: 427155

Ion Ratio Lower Upper

122 100

107 142.1 91.2 136.8#

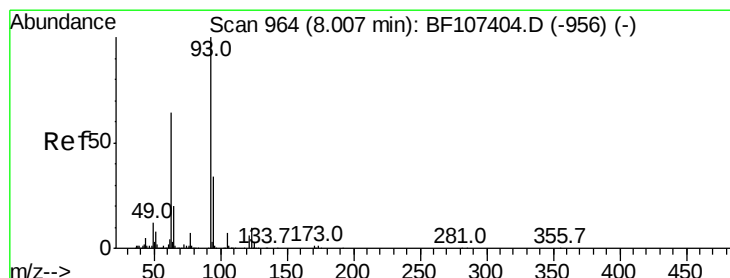
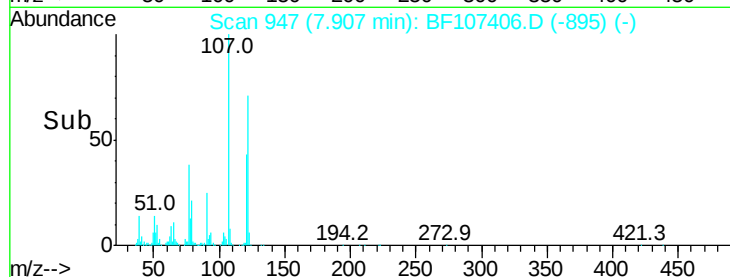
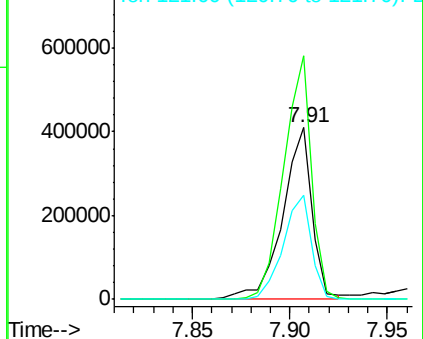
121 61.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 58.552 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

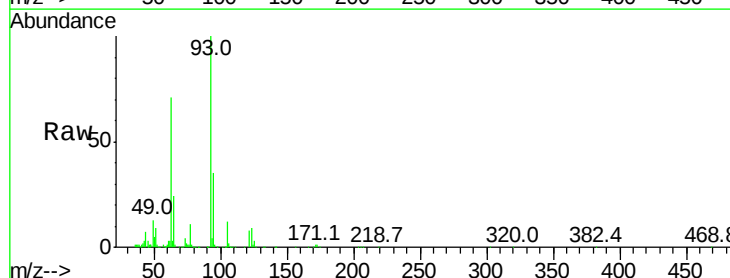
Tgt Ion: 93 Resp: 643959

Ion Ratio Lower Upper

93 100

95 35.3 26.3 39.5

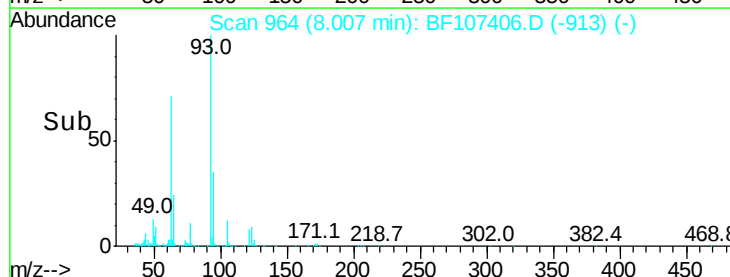
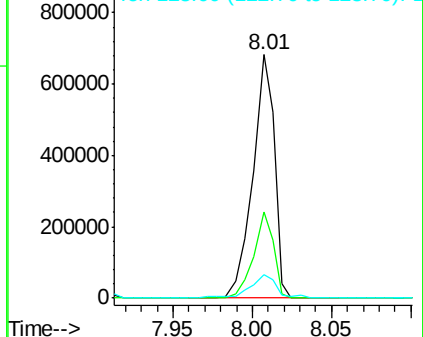
123 9.4 9.8 14.6#

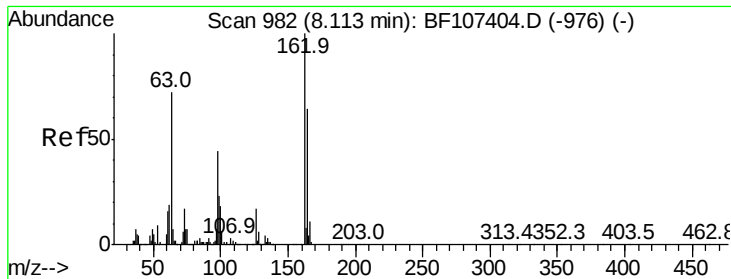


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

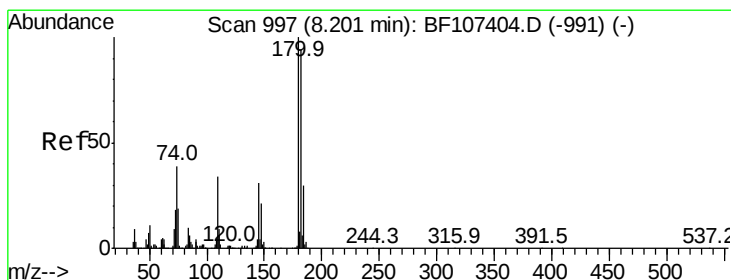
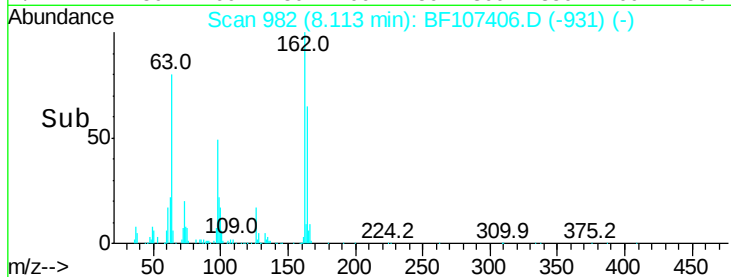
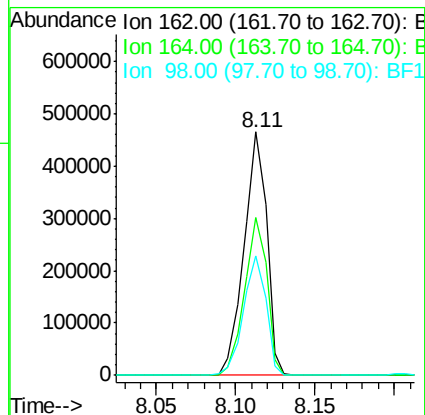
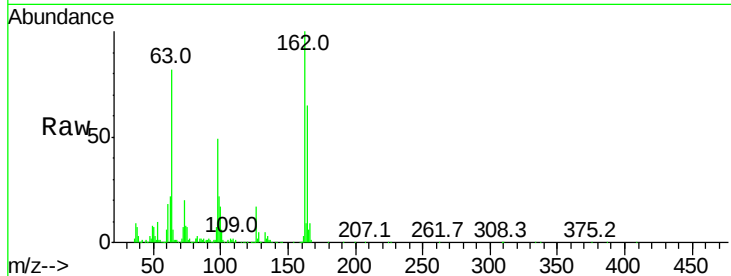




#29
 2,4-Dichlorophenol
 Concen: 63.455 ng
 RT: 8.11 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF107406.D
 Acq: 16 Jul 2018 15:55

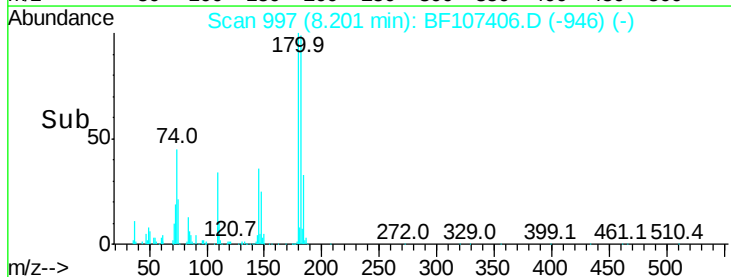
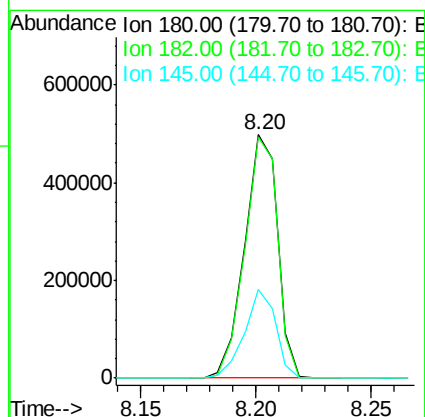
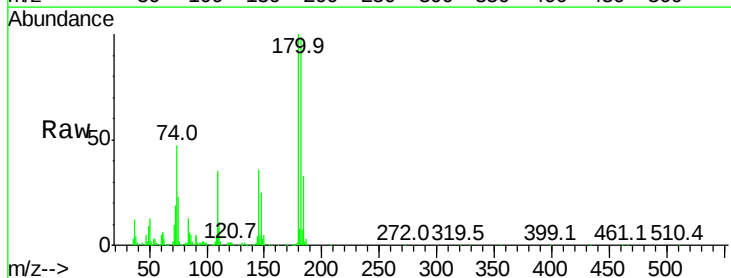
Instrument :
 BNA_F
 ClientSampleId :

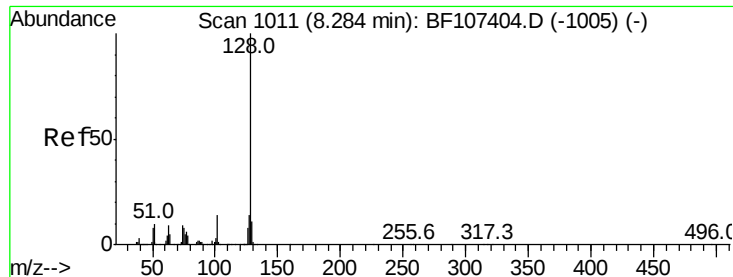
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	49.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 62.834 ng
 RT: 8.20 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF107406.D
 Acq: 16 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.8	115.2
145	36.3	26.5	39.7

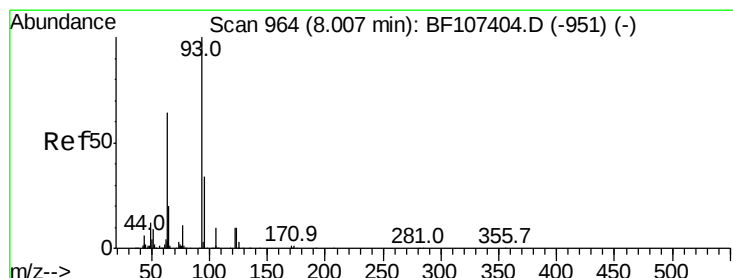
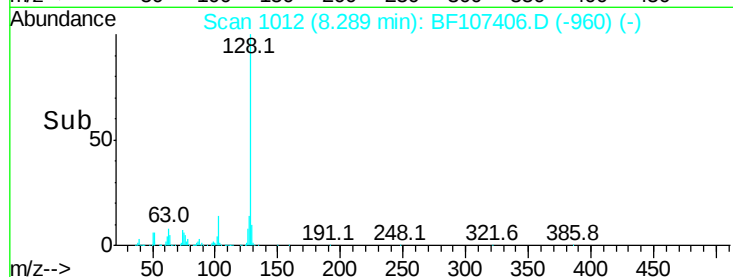
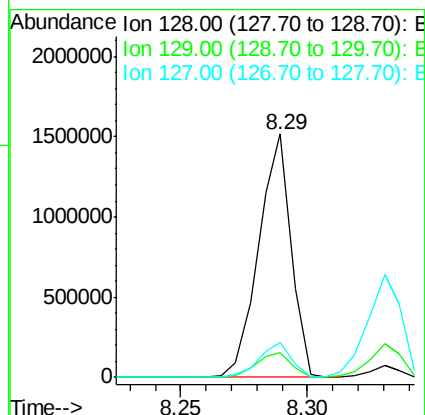
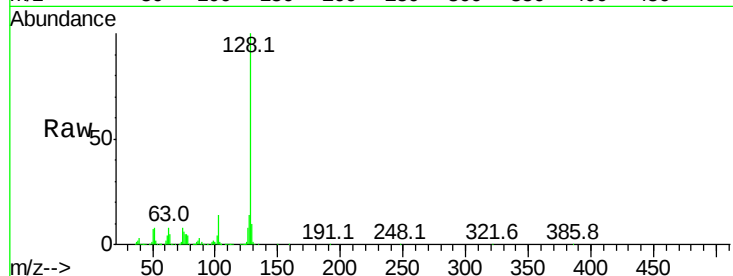




#31
Naphthalene
Concen: 55.728 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

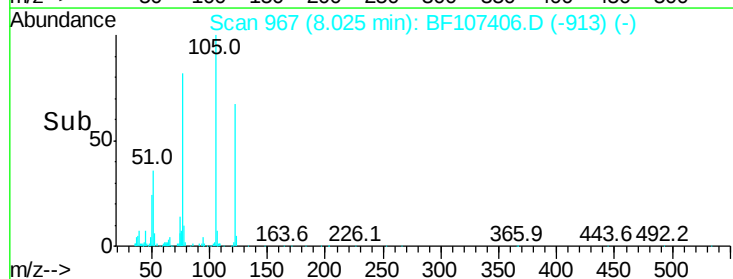
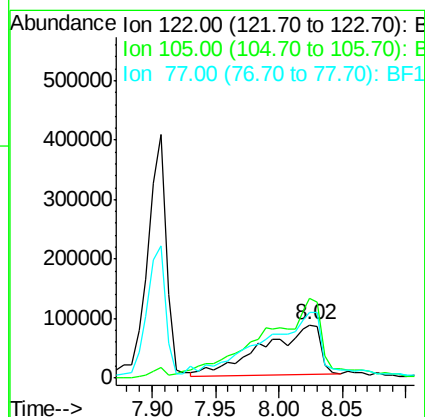
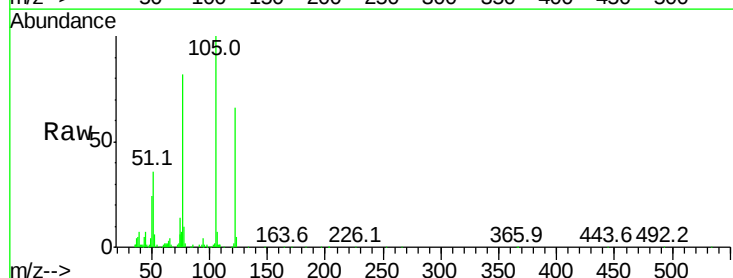
Instrument :
BNA_F
ClientSampleId :

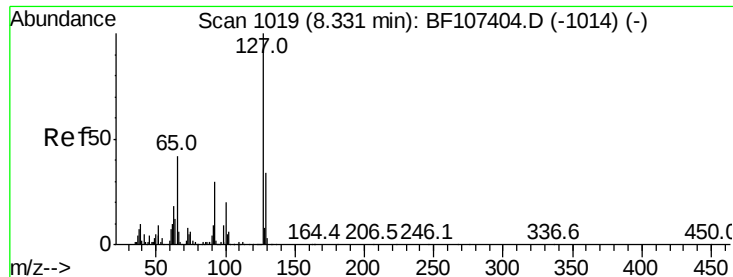
Tot Ion:128 Resp: 1345946
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 14.4 10.9 16.3



#32
Benzoic acid
Concen: 56.023 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.02 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion:122 Resp: 260907
Ion Ratio Lower Upper
122 100
105 150.7 101.1 141.1#
77 123.3 70.7 110.7#

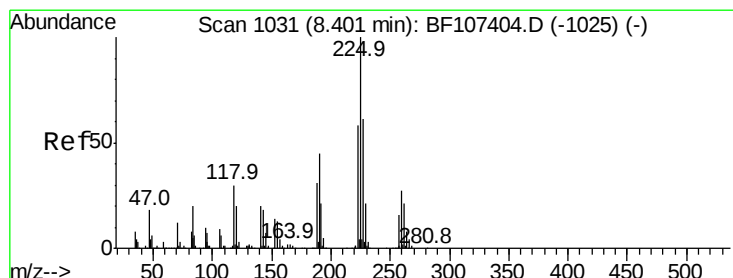
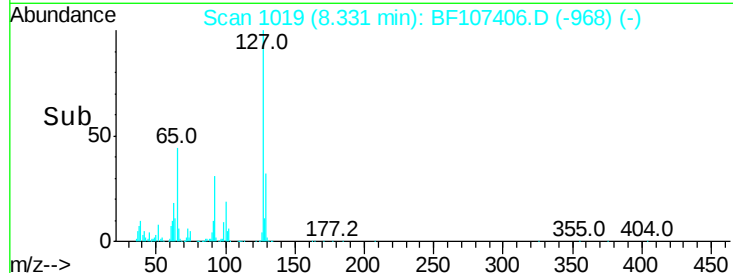
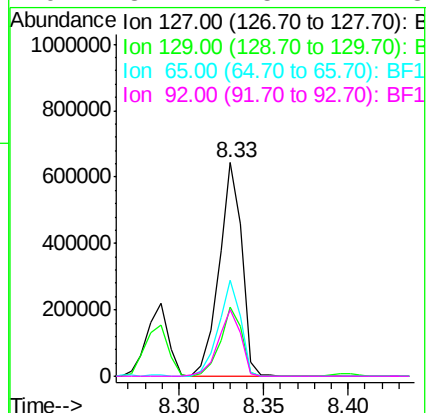
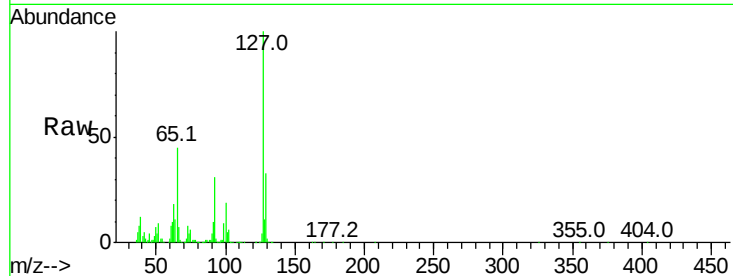




#33
4-Chloroaniline
Concen: 59.328 ng
RT: 8.33 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

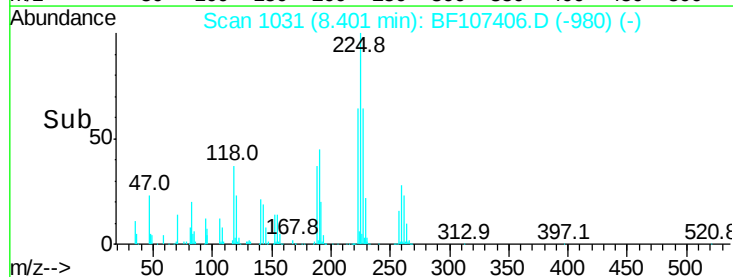
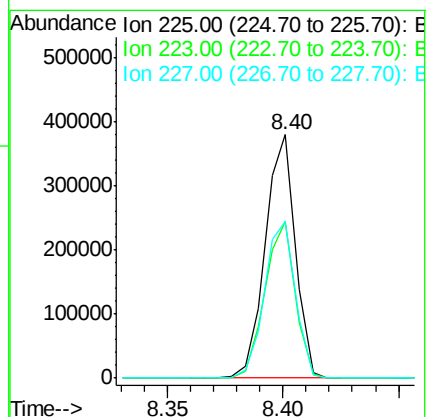
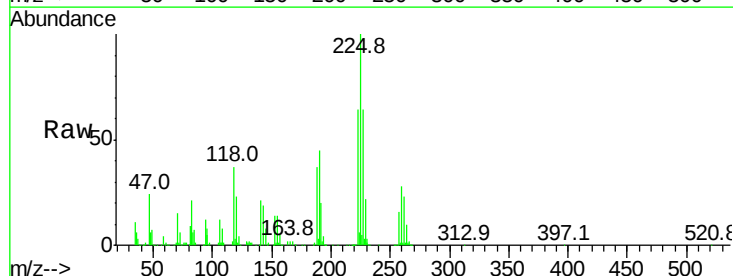
Instrument :
BNA_F
ClientSampled :

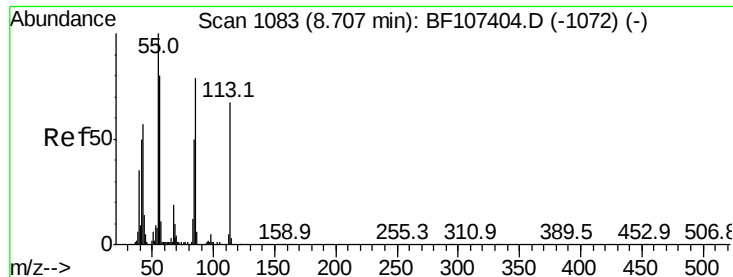
Tot Ion:	127	Resp:	601237
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	44.8	25.0	37.4#
92	31.1	15.2	22.8#



#34
Hexachlorobutadiene
Concen: 65.922 ng
RT: 8.40 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion:	225	Resp:	343054
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	64.4	51.9	77.9

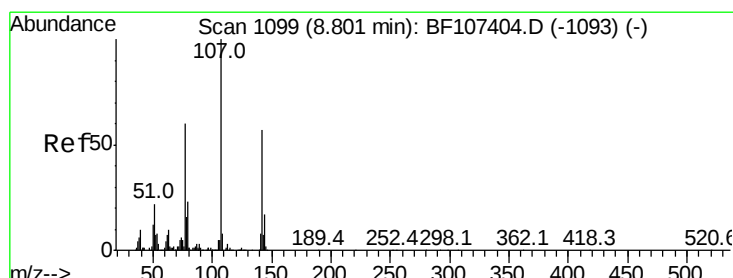
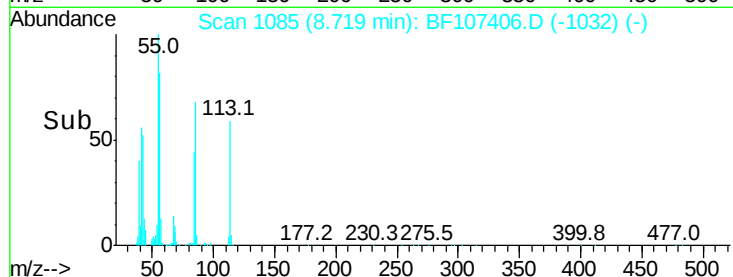
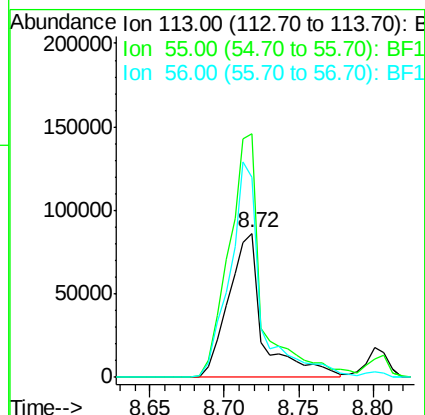
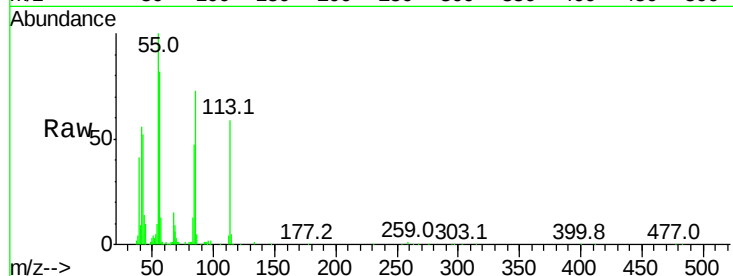




#35
 Caprolactam
 Concen: 59.796 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF107406.D
 Acq: 16 Jul 2018 15:55

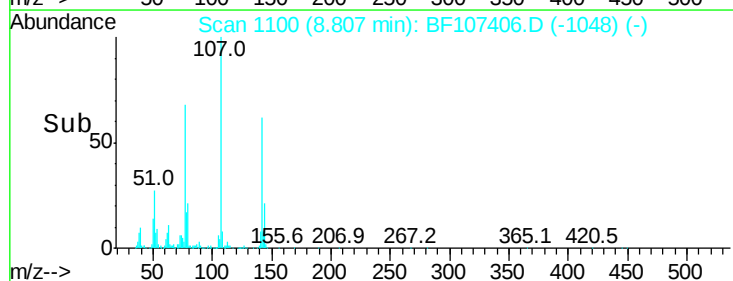
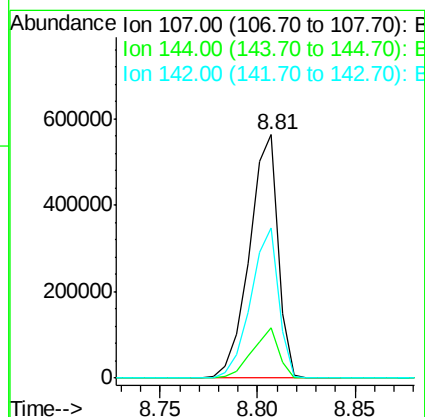
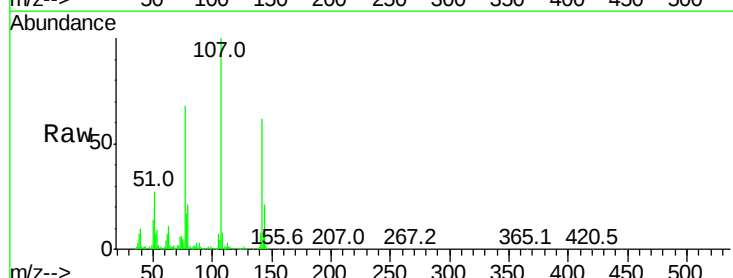
Instrument :
 BNA_F
 ClientSampleId :

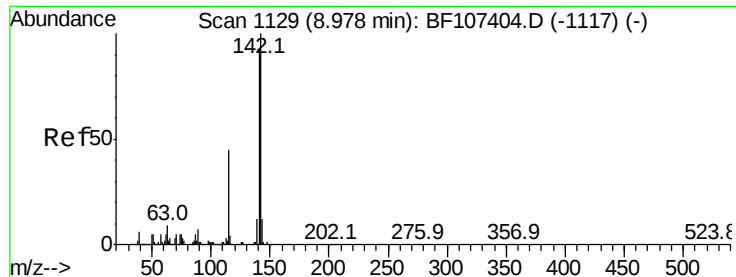
Tot Ion	Ratio	Lower	Upper
113	100		
55	168.7	163.3	203.3
56	138.9	115.7	155.7



#36
 4-Chloro-3-methylphenol
 Concen: 75.011 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF107406.D
 Acq: 16 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.5	20.5	30.7
142	61.8	62.0	93.0#





#37

2-Methylnaphthalene

Concen: 55.886 ng

RT: 8.98 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

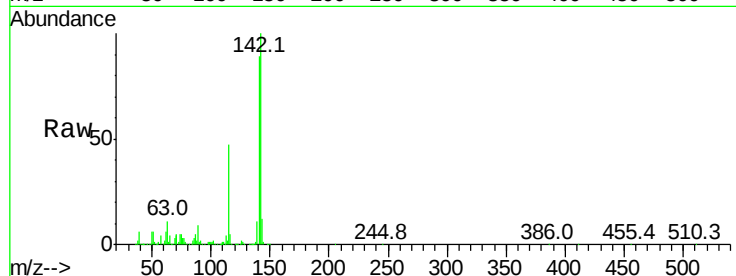
Tot Ion:142 Resp: 894648

Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2

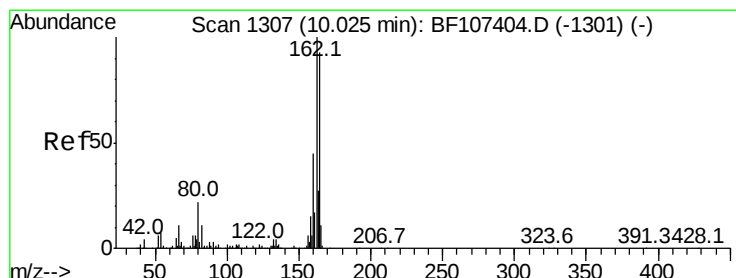
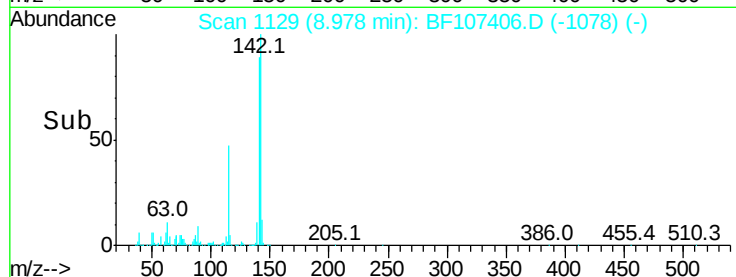
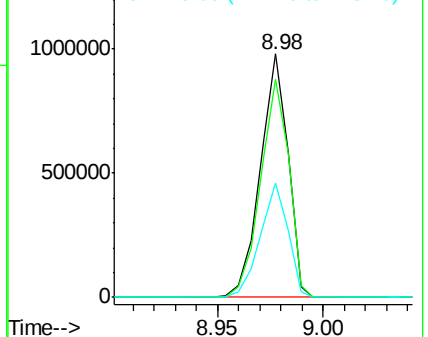
115 46.8 26.1 39.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

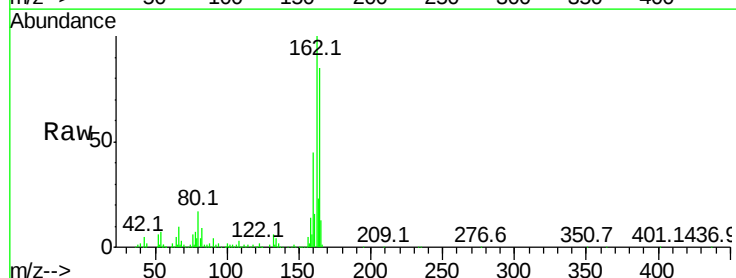
Tgt Ion:164 Resp: 260204

Ion Ratio Lower Upper

164 100

162 117.7 86.1 129.1

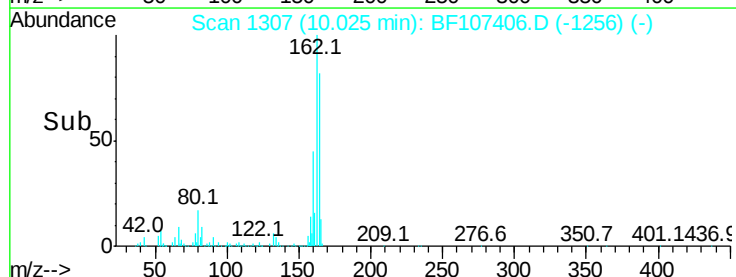
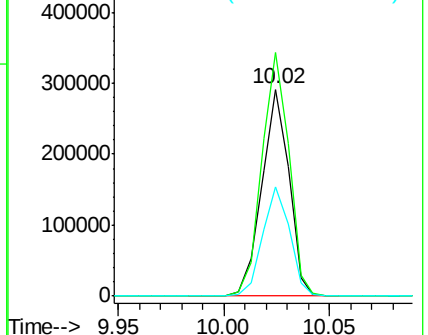
160 52.9 38.3 57.5

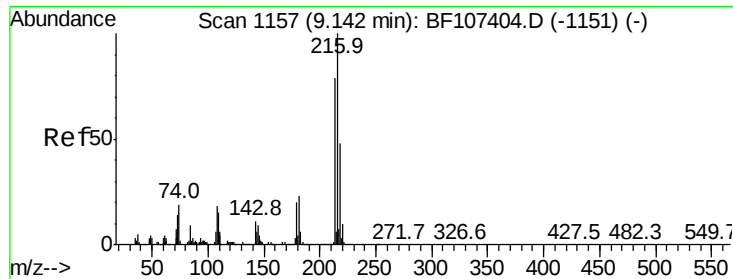


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 61.982 ng

RT: 9.14 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 543135

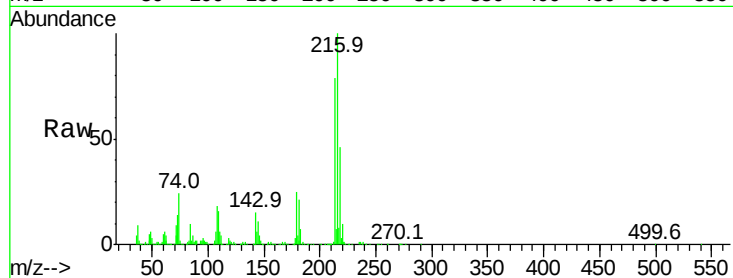
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 22.6 18.1 27.1

108 20.6 17.2 25.8

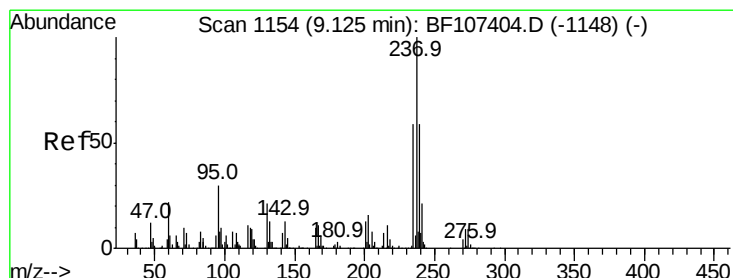
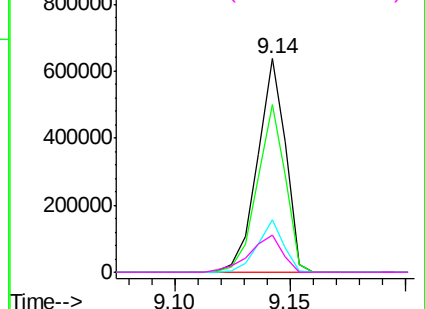
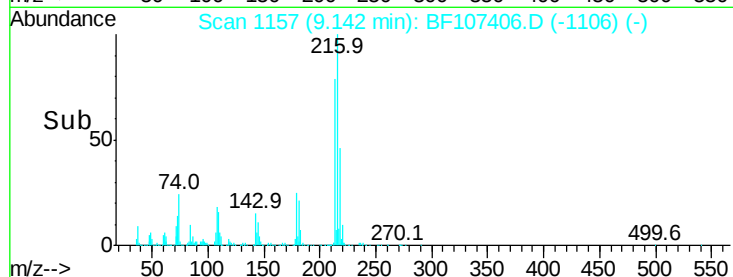


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.365 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

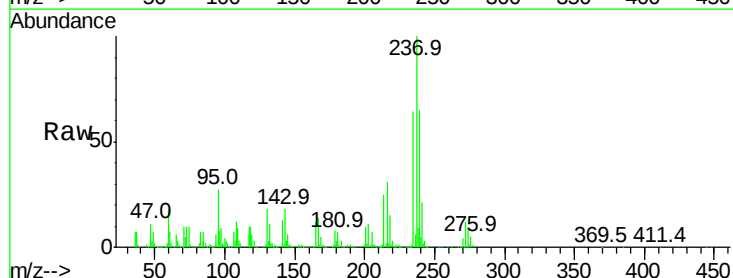
Tgt Ion:237 Resp: 317239

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

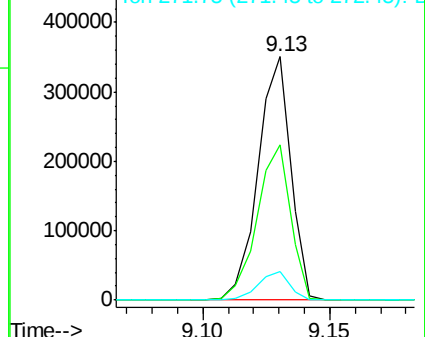
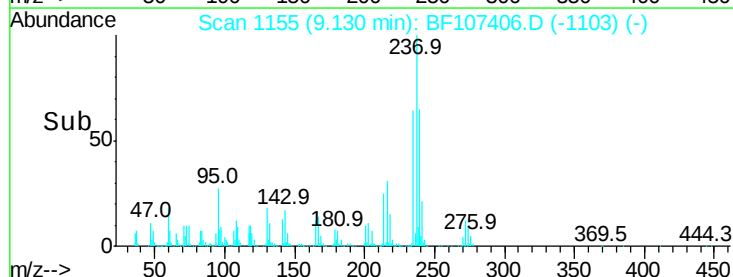
272 11.5 0.0 33.3

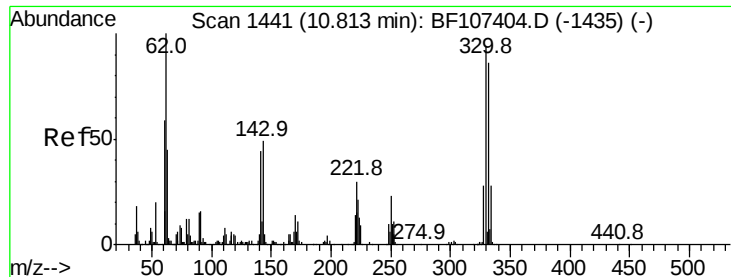


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 77.644 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

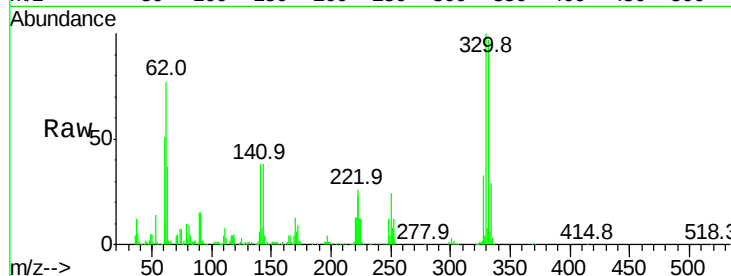
Tot Ion:330 Resp: 234162

Ion Ratio Lower Upper

330 100

332 99.9 77.0 115.6

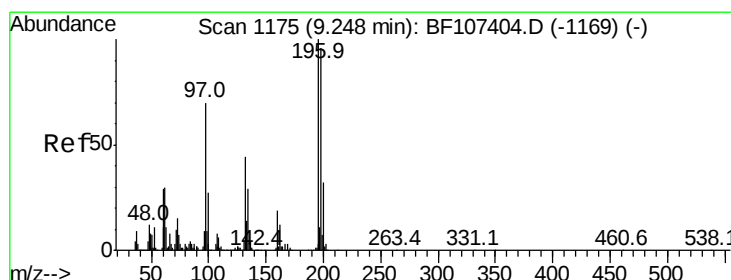
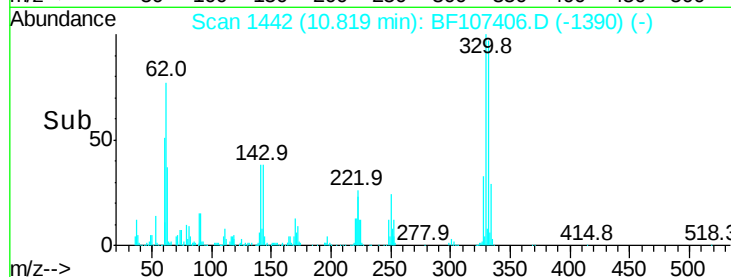
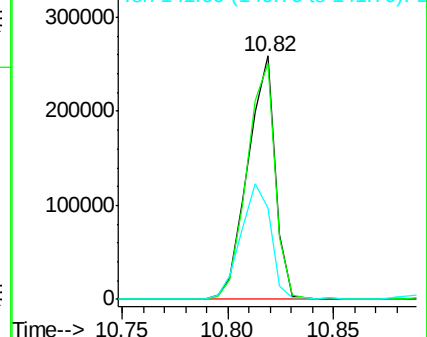
141 51.9 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 60.897 ng

RT: 9.25 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

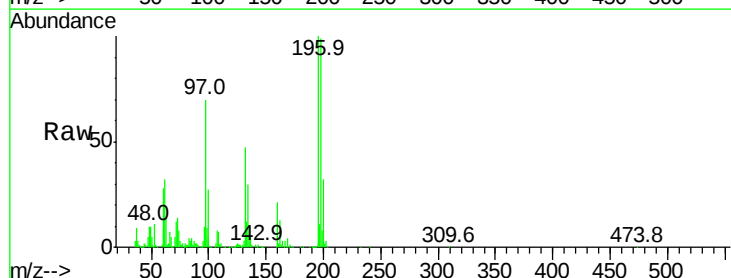
Tgt Ion:196 Resp: 354715

Ion Ratio Lower Upper

196 100

198 98.6 75.7 113.5

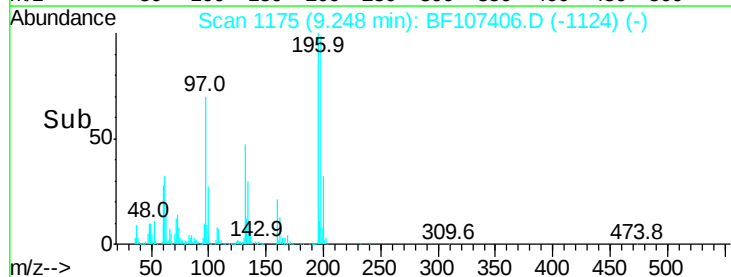
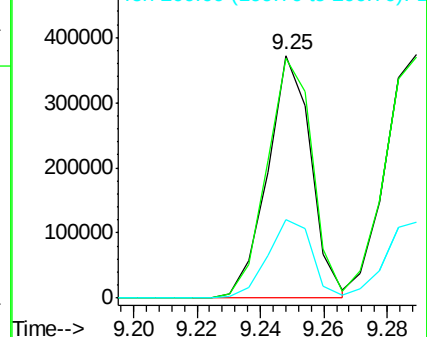
200 32.1 24.5 36.7

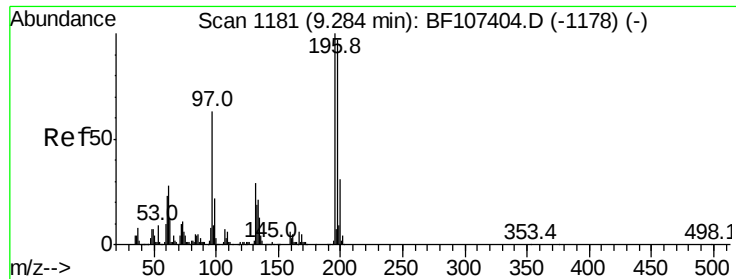


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

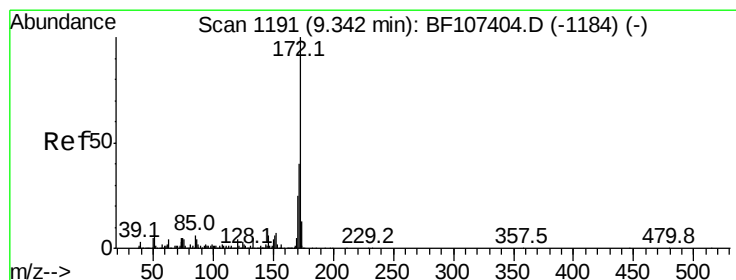
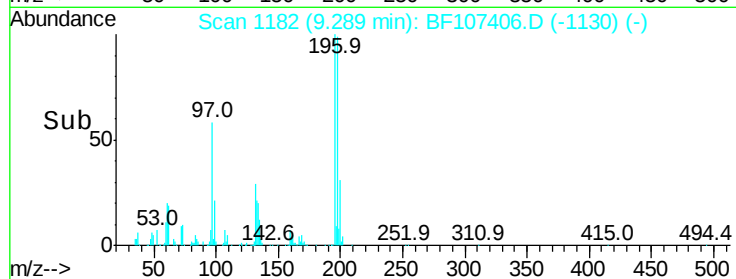
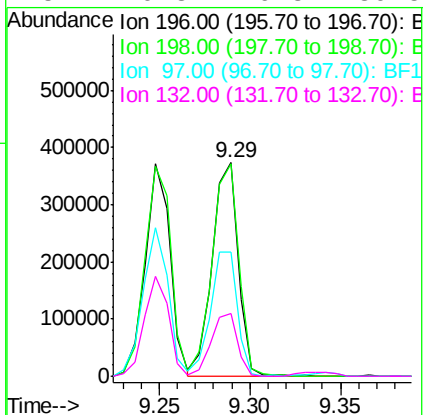
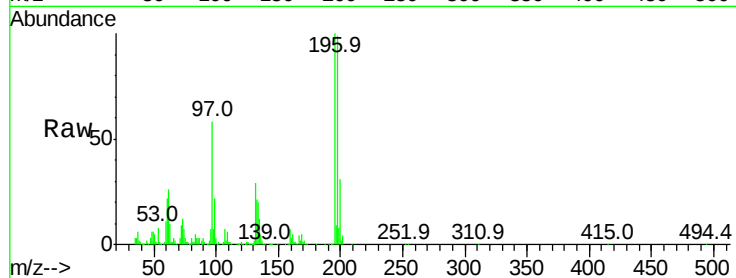




#43
2,4,5-Trichlorophenol
Concen: 61.083 ng
RT: 9.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

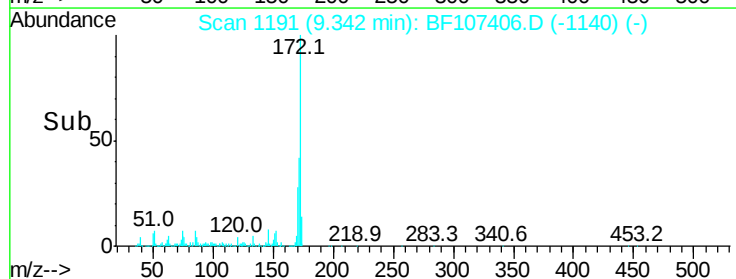
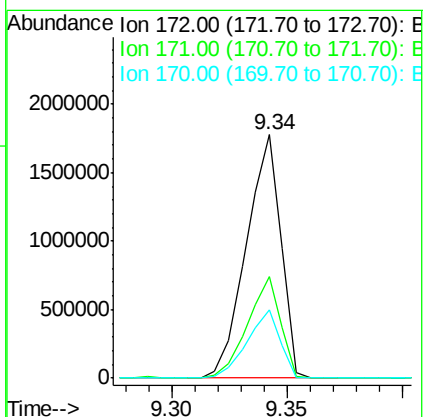
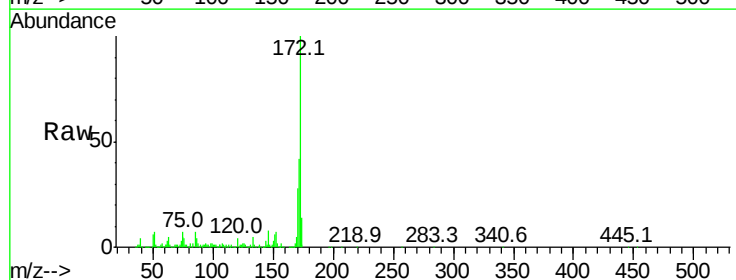
Instrument :
BNA_F
ClientSampled :

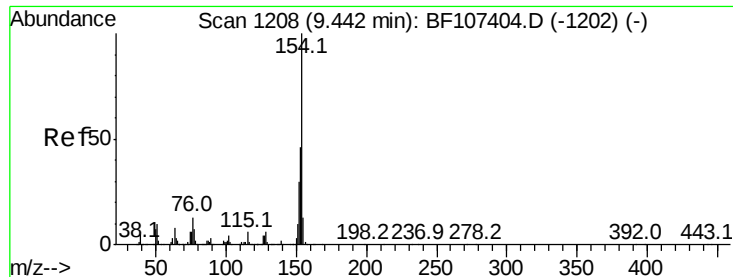
Tot Ion:196 Resp: 371263
Ion Ratio Lower Upper
196 100
198 99.2 74.6 112.0
97 57.8 42.9 64.3
132 29.3 26.3 39.5



#44
2-Fluorobiphenyl
Concen: 108.950 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion:172 Resp: 1855903
Ion Ratio Lower Upper
172 100
171 41.7 29.7 44.5
170 27.9 19.6 29.4





#45

1,1'-Biphenyl

Concen: 58.332 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

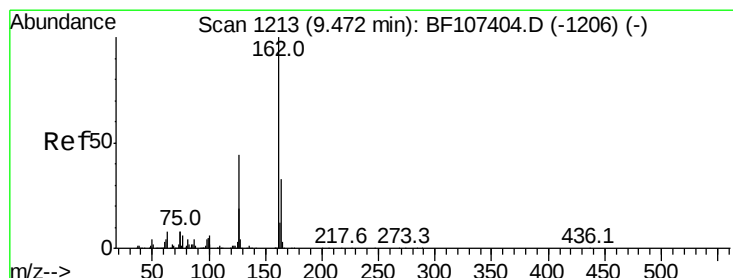
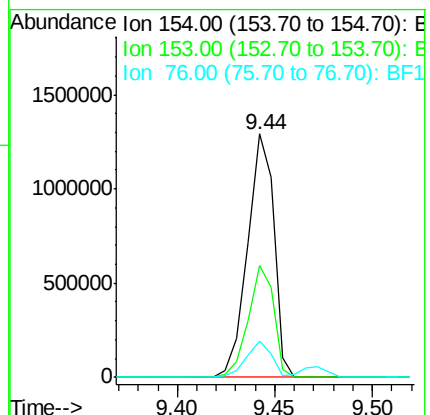
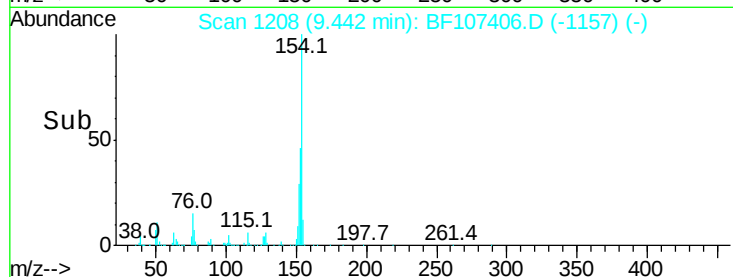
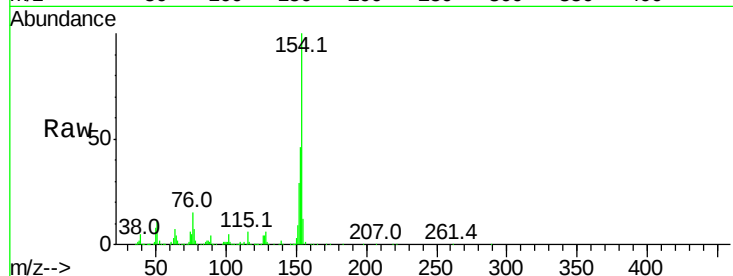
Tot Ion:154 Resp: 1209631

Ion Ratio Lower Upper

154 100

153 45.9 21.3 61.3

76 14.8 0.0 34.0



#46

2-Chloronaphthalene

Concen: 59.906 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

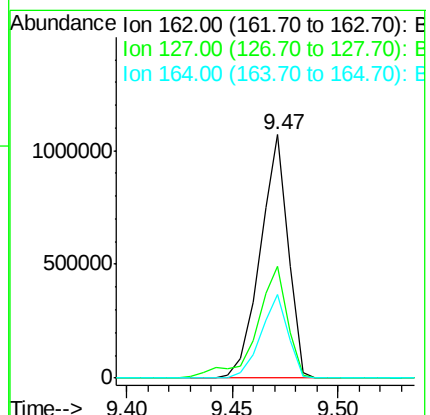
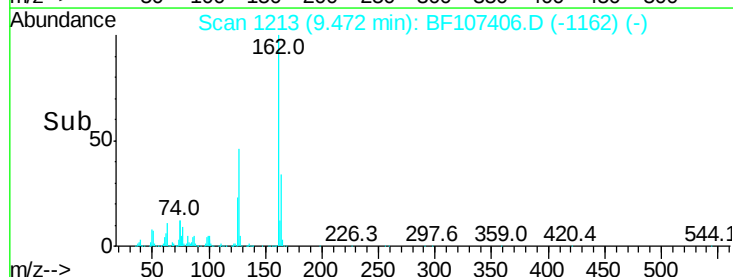
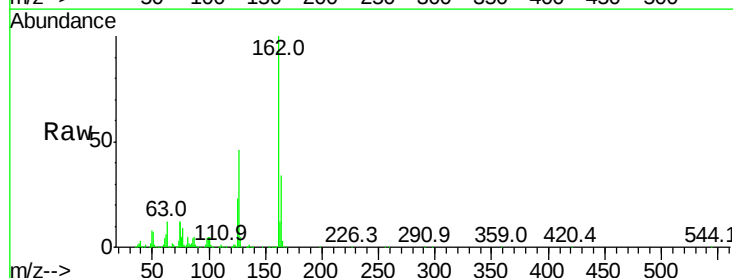
Tgt Ion:162 Resp: 977852

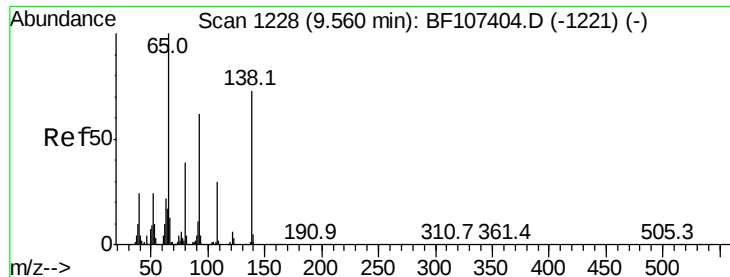
Ion Ratio Lower Upper

162 100

127 46.0 33.9 50.9

164 34.1 26.5 39.7

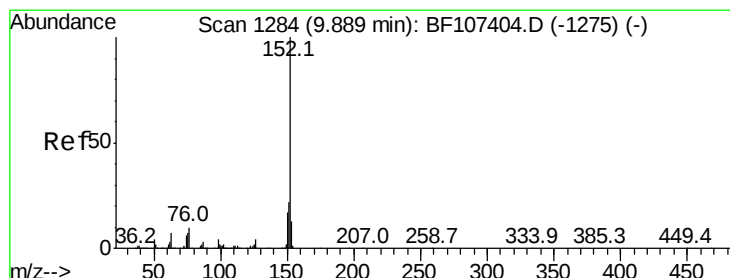
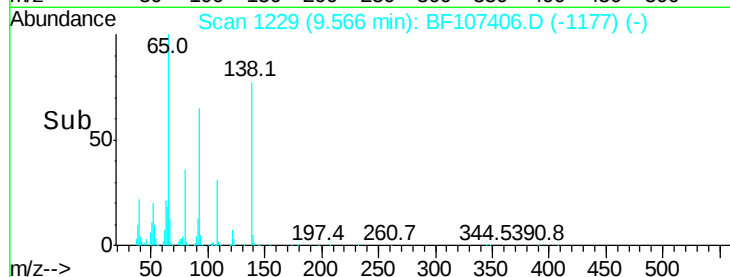
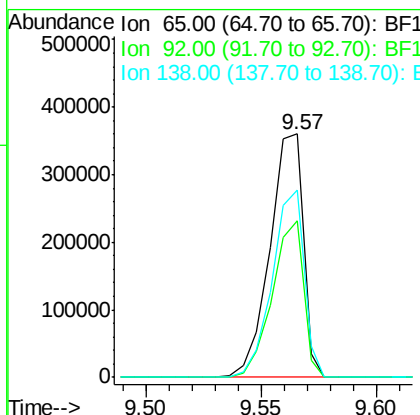
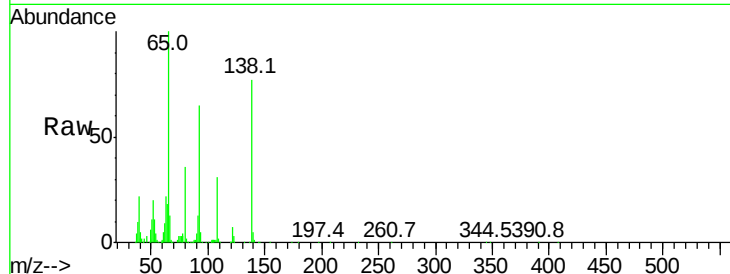




#47
2-Nitroaniline
Concen: 66.287 ng
RT: 9.57 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

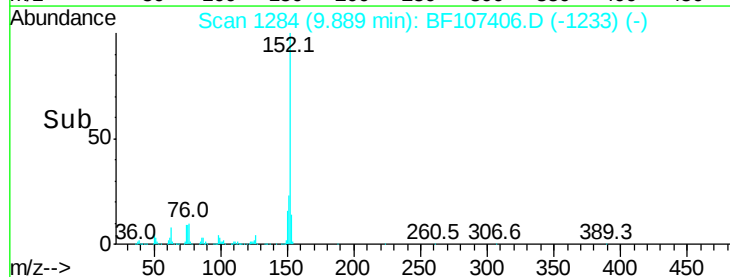
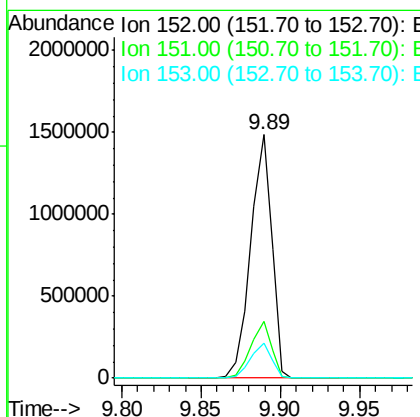
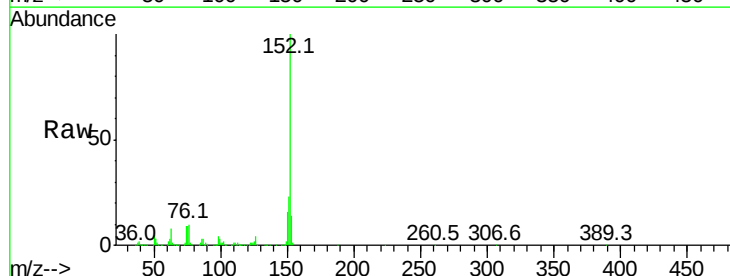
Instrument :
BNA_F
ClientSampleId :

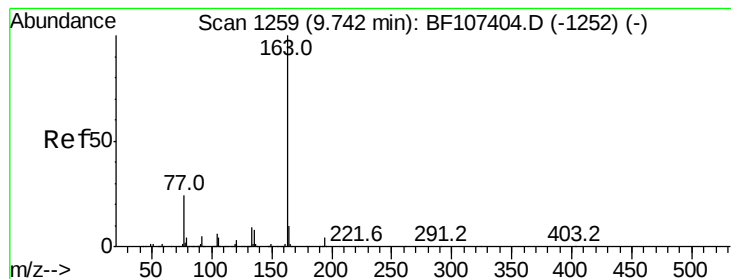
Tot Ion: 65 Resp: 363842
Ion Ratio Lower Upper
65 100
92 64.5 55.8 83.6
138 77.0 91.2 136.8#



#48
Acenaphthylene
Concen: 53.275 ng
RT: 9.89 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion: 152 Resp: 1372942
Ion Ratio Lower Upper
152 100
151 23.1 16.3 24.5
153 14.4 10.7 16.1





#49

Dimethylphthalate

Concen: 58.503 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

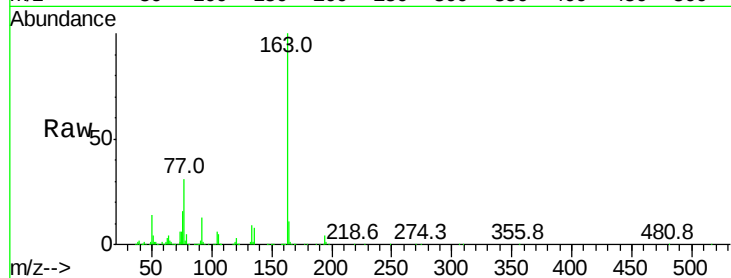
Tot Ion:163 Resp: 1141729

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

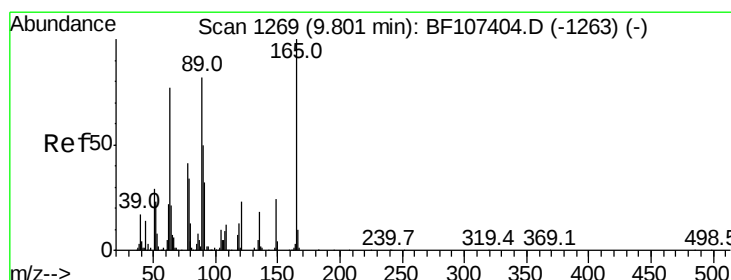
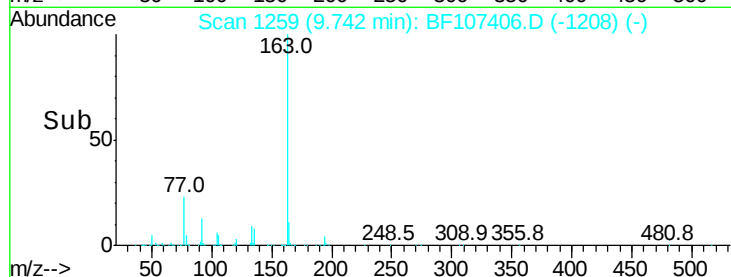
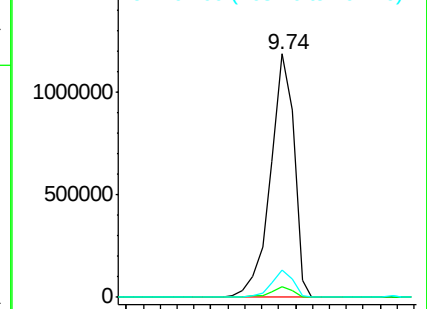
164 11.2 8.2 12.2



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: 60.976 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

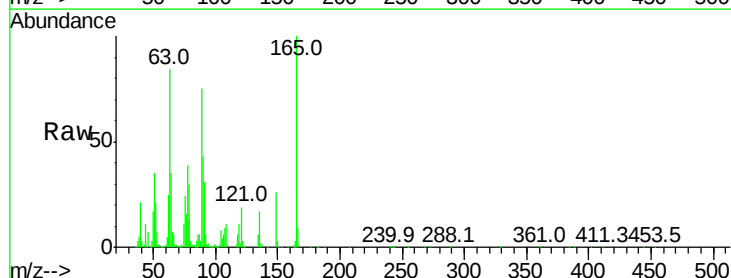
Tgt Ion:165 Resp: 251982

Ion Ratio Lower Upper

165 100

63 84.1 44.7 67.1#

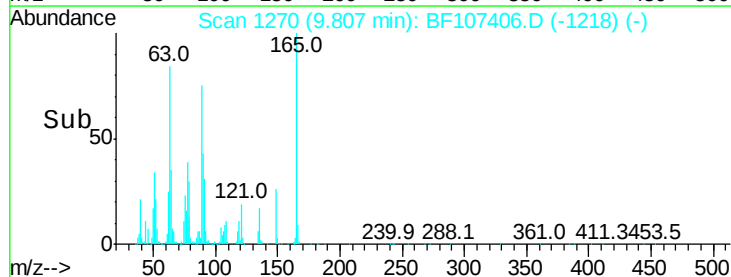
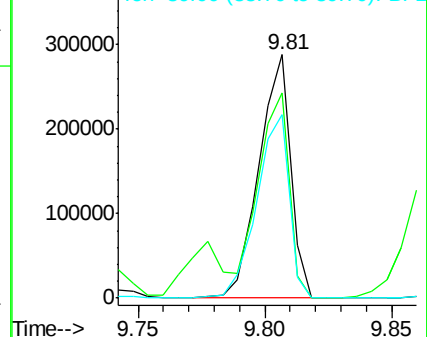
89 75.4 44.0 66.0#

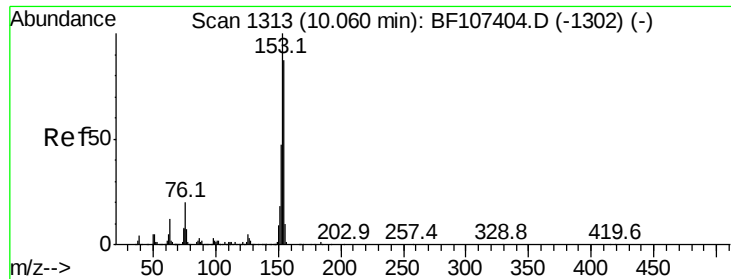


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 55.715 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

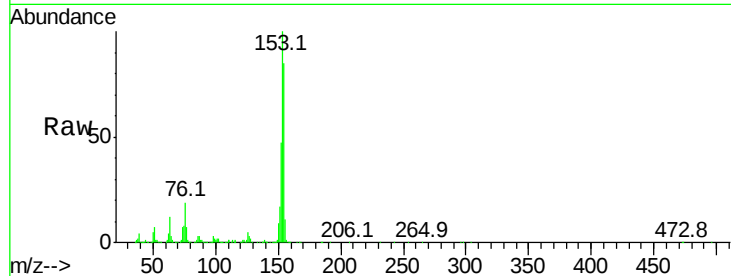
Tot Ion:154 Resp: 904147

Ion Ratio Lower Upper

154 100

153 118.0 91.2 136.8

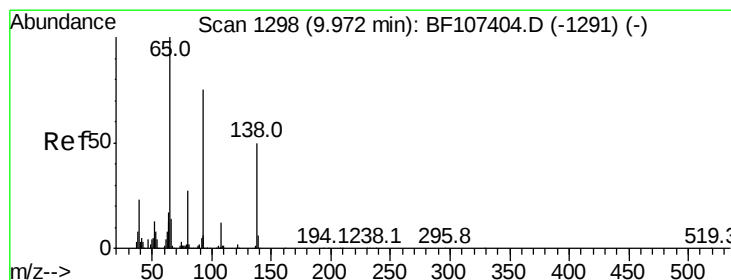
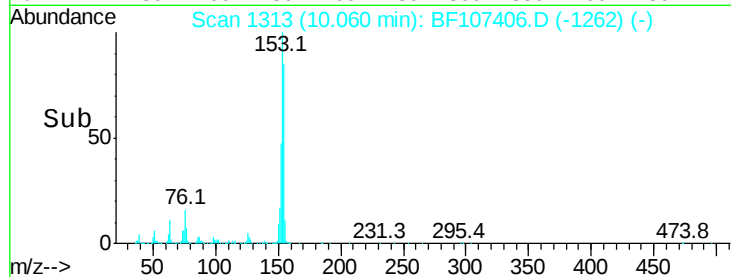
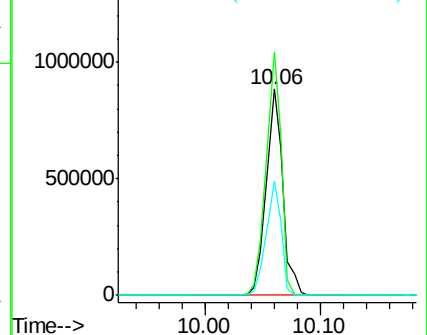
152 55.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 51.953 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

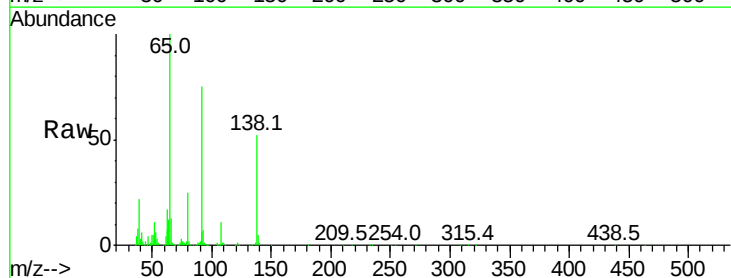
Tgt Ion:138 Resp: 247056

Ion Ratio Lower Upper

138 100

108 21.4 9.4 14.0#

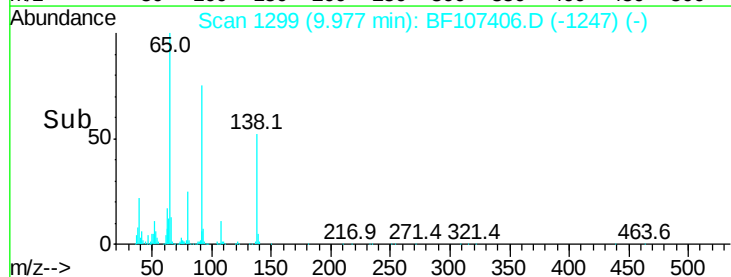
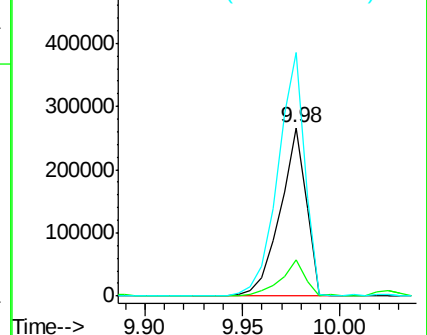
92 144.9 89.4 134.2#

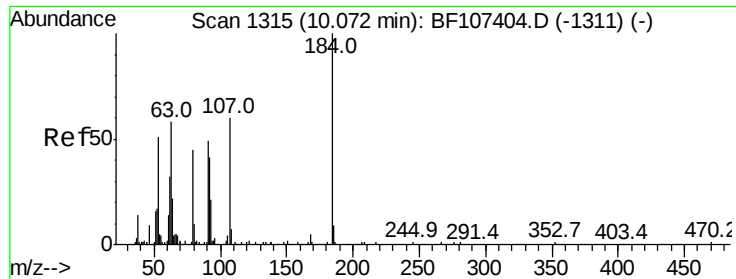


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

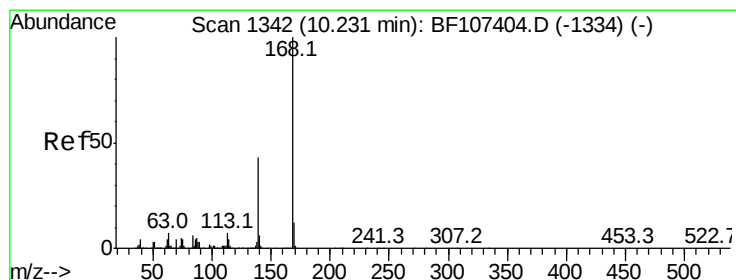
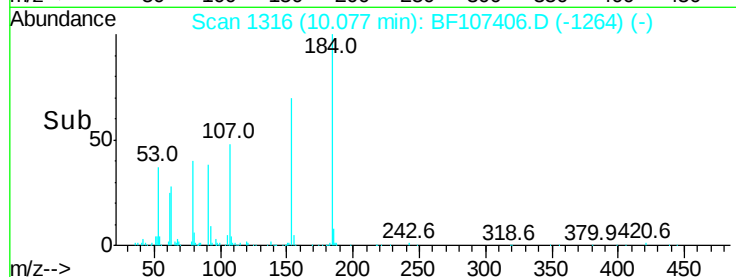
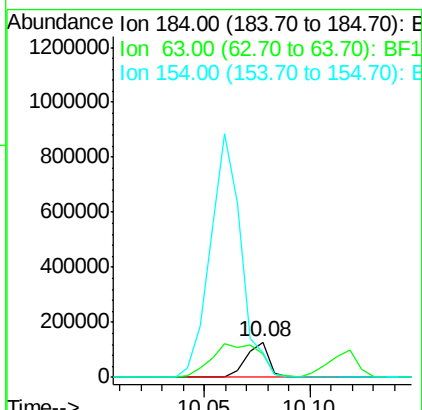
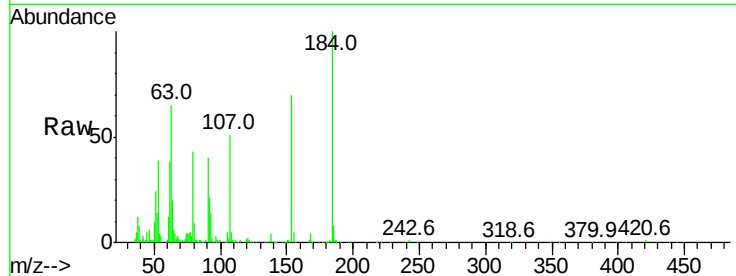




#53
2,4-Dinitrophenol
Concen: 51.818 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

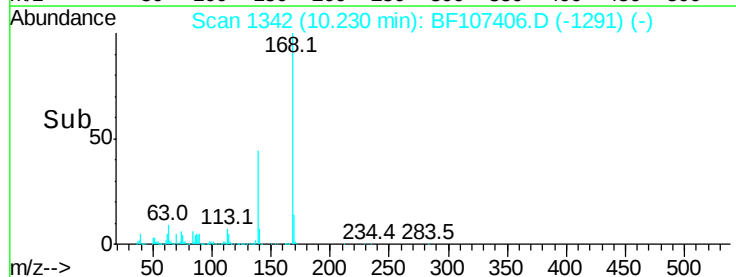
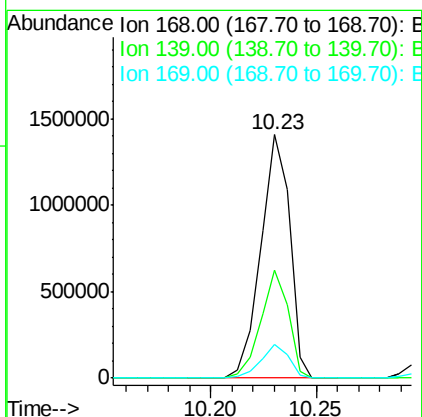
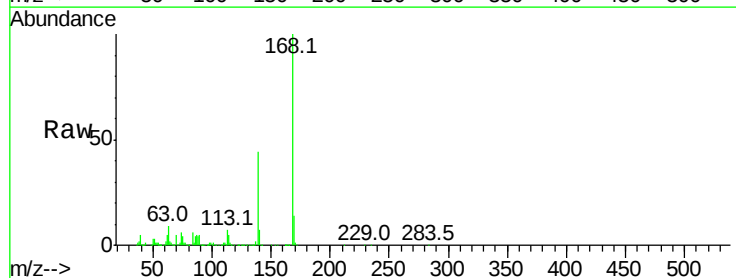
Instrument :
BNA_F
ClientSampleId :

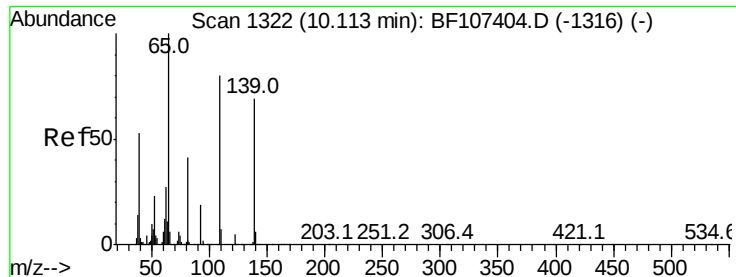
Tot Ion:184 Resp: 97523
Ion Ratio Lower Upper
184 100
63 65.2 54.2 81.2
154 69.9 184.0 276.0#



#54
Dibenzofuran
Concen: 60.452 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion:168 Resp: 1343329
Ion Ratio Lower Upper
168 100
139 44.4 30.1 45.1
169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 59.514 ng

RT: 10.12 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

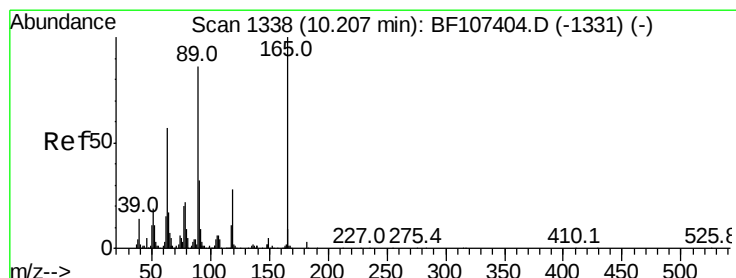
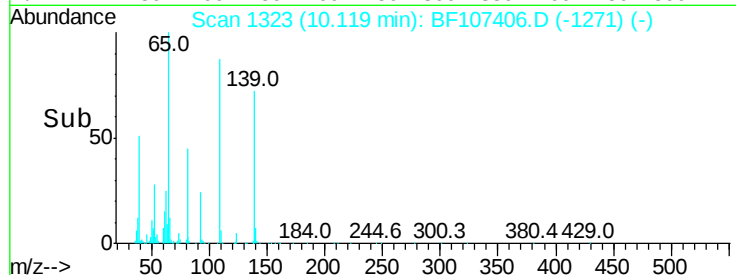
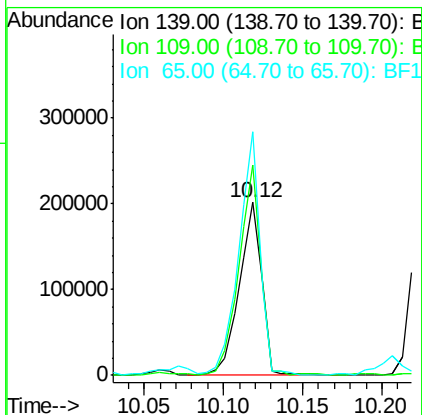
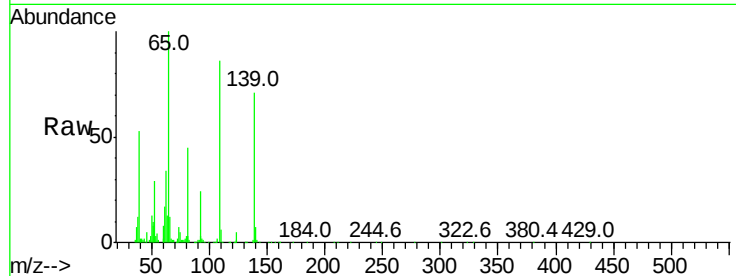
Tot Ion:139 Resp: 197548

Ion Ratio Lower Upper

139 100

109 121.4 48.4 88.4#

65 140.6 72.6 112.6#



#56

2,4-Dinitrotoluene

Concen: 59.049 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Tgt Ion:165 Resp: 318512

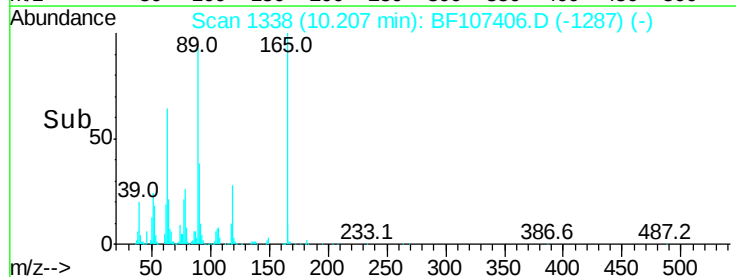
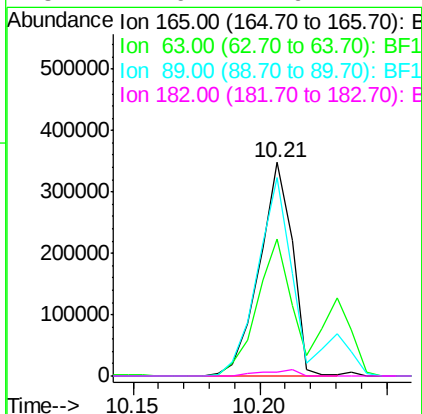
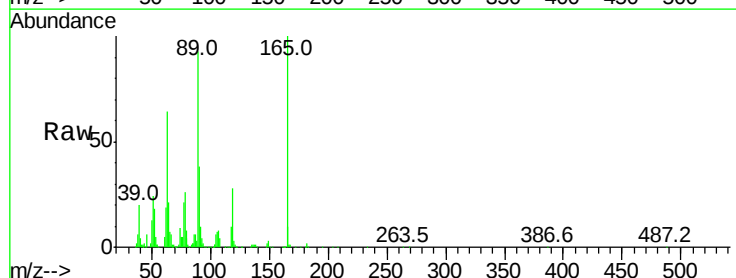
Ion Ratio Lower Upper

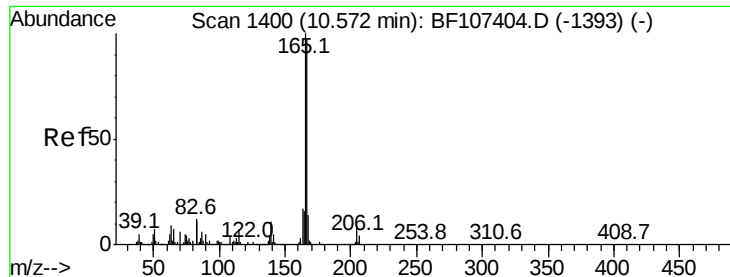
165 100

63 64.2 36.4 54.6#

89 93.0 57.8 86.6#

182 1.9 1.6 2.4





#57

Fluorene

Concen: 50.709 ng

RT: 10.58 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampled :

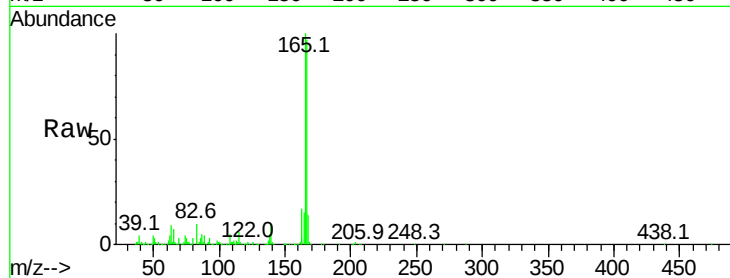
Tot Ion:166 Resp: 894176

Ion Ratio Lower Upper

166 100

165 102.6 79.8 119.8

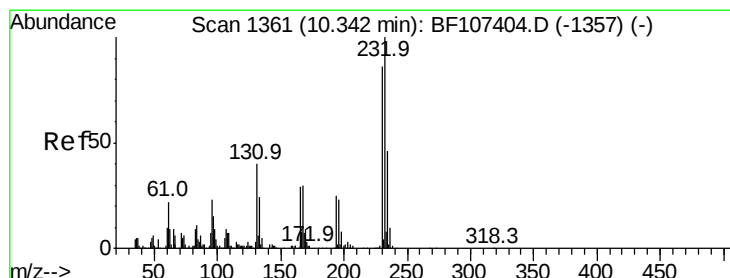
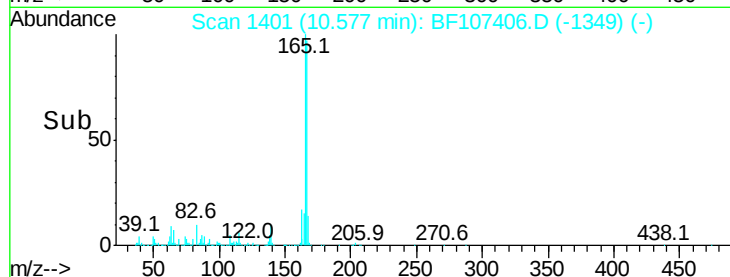
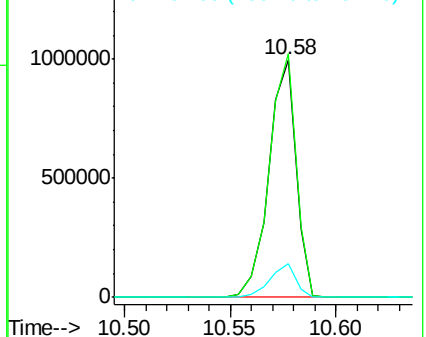
167 14.1 10.6 16.0



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: 65.056 ng

RT: 10.34 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Tgt Ion:232 Resp: 314317

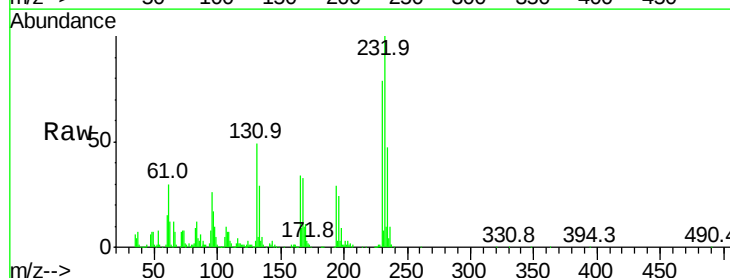
Ion Ratio Lower Upper

232 100

131 46.1 43.8 65.8

130 3.0 2.1 3.1

166 32.6 27.8 41.6

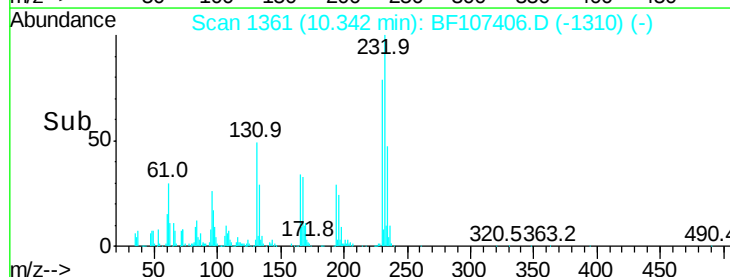
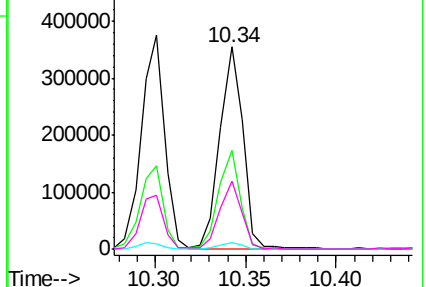


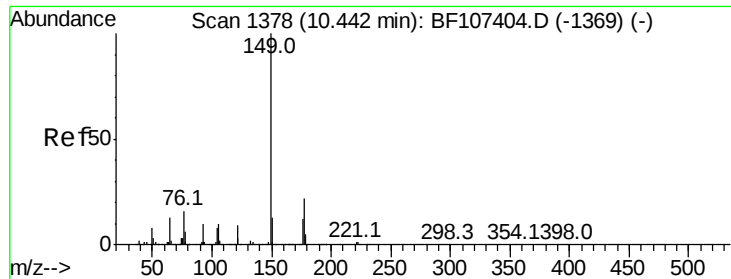
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

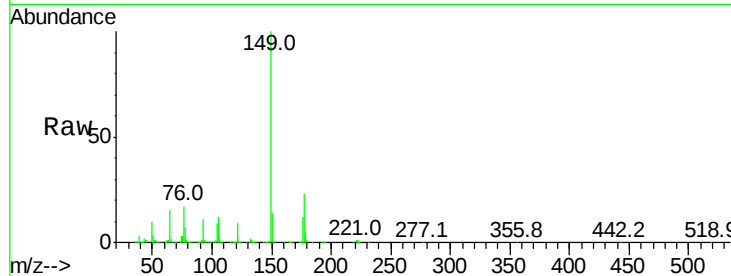




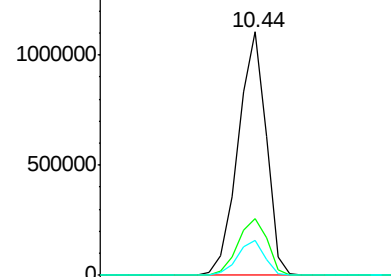
#59
Diethylphthalate
Concen: 58.440 ng
RT: 10.44 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Instrument :
BNA_F
ClientSampled :

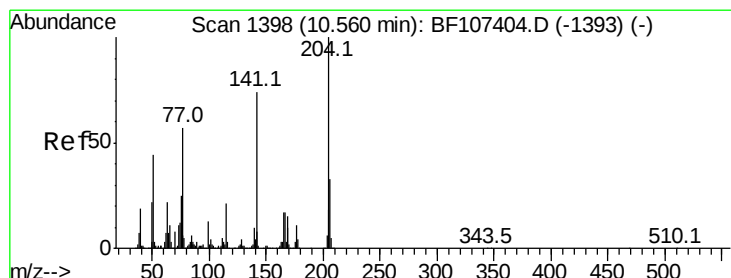
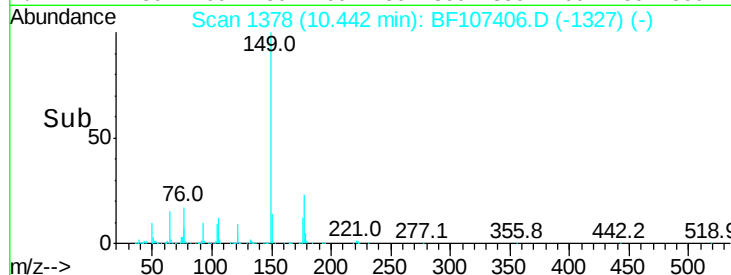
Tot Ion:149 Resp: 1100767
Ion Ratio Lower Upper
149 100
177 23.2 16.1 24.1
150 14.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

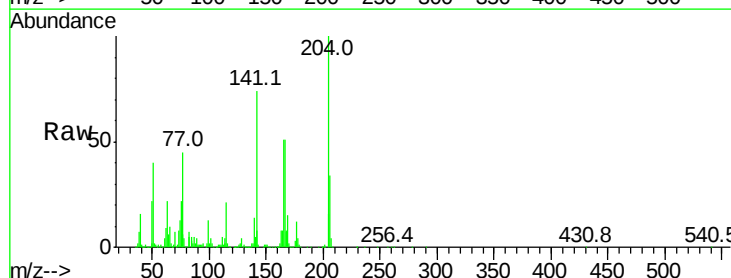


Time-->

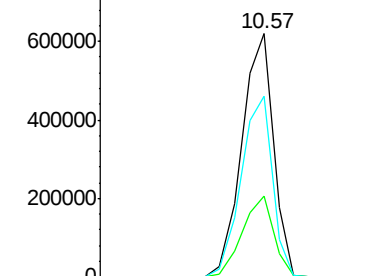


#60
4-Chlorophenyl-phenylether
Concen: 58.614 ng
RT: 10.57 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

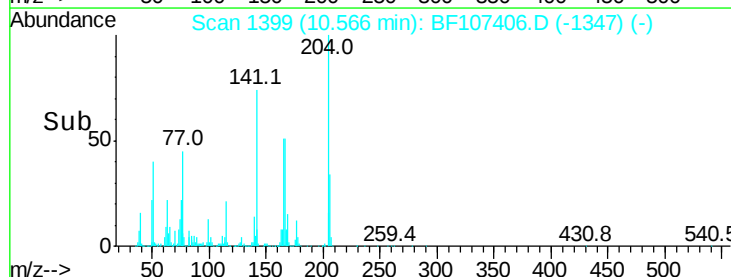
Tgt Ion:204 Resp: 540789
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 74.1 54.6 81.8

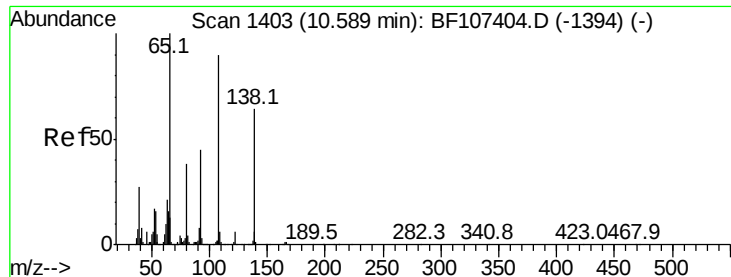


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

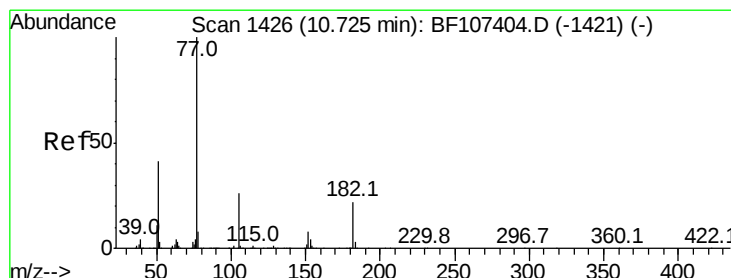
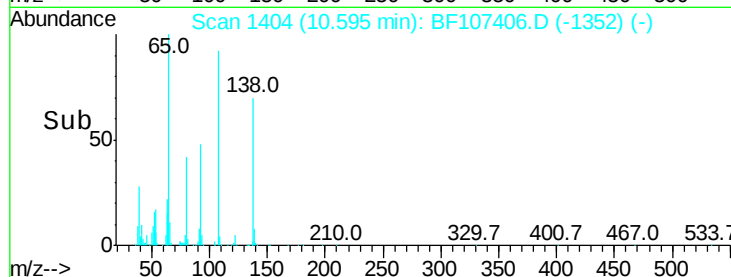
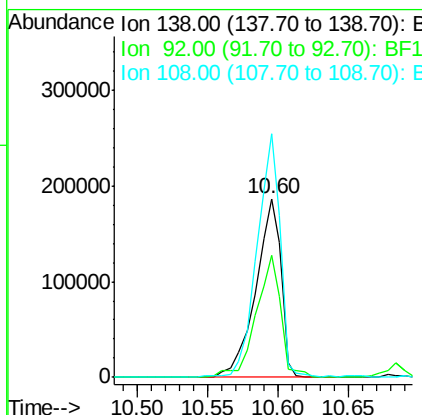
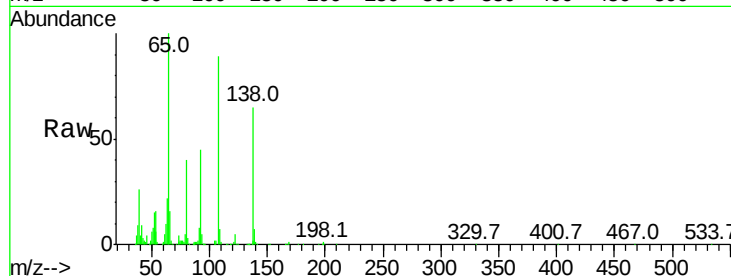




#61
4-Nitroaniline
Concen: 49.903 ng
RT: 10.60 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

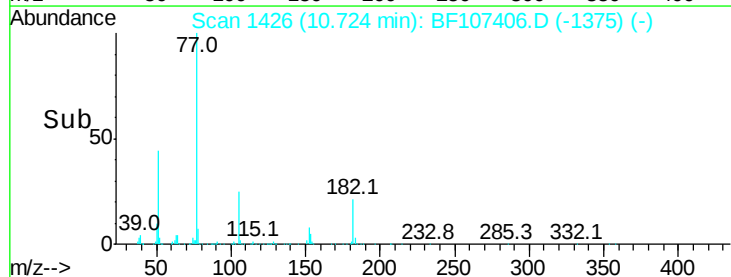
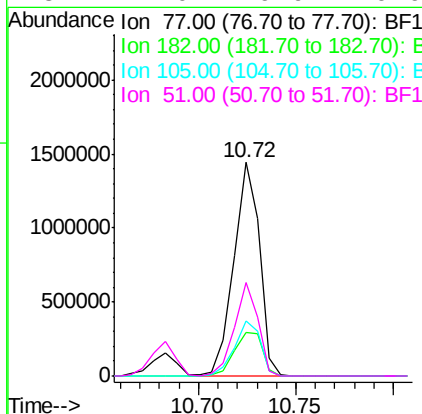
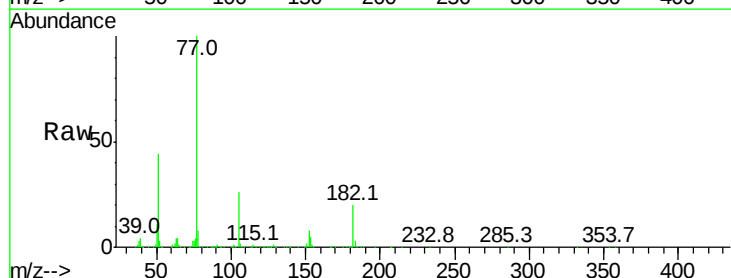
Instrument :
BNA_F
ClientSampleId :

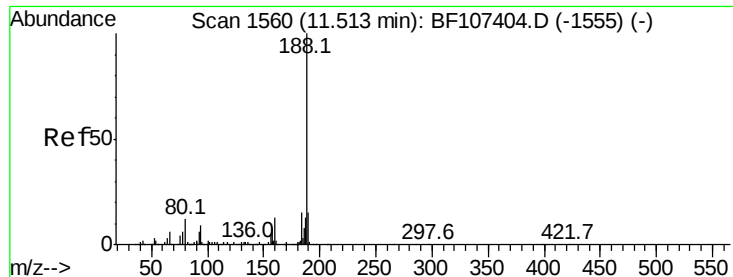
Tot Ion:138 Resp: 235517
Ion Ratio Lower Upper
138 100
92 68.3 30.2 70.2
108 136.4 52.5 92.5#



#62
Azobenzene
Concen: 70.692 ng
RT: 10.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion: 77 Resp: 1311248
Ion Ratio Lower Upper
77 100
182 20.4 1.7 41.7
105 26.0 3.0 43.0
51 44.0 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: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

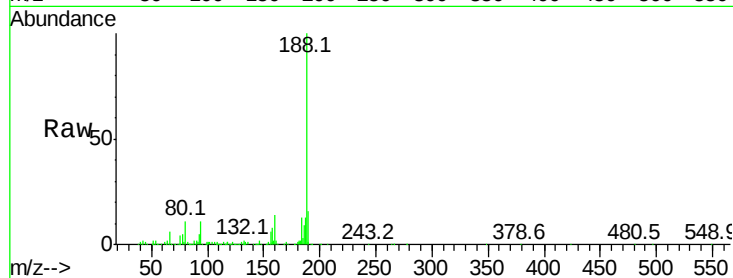
Tot Ion:188 Resp: 527872

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.51

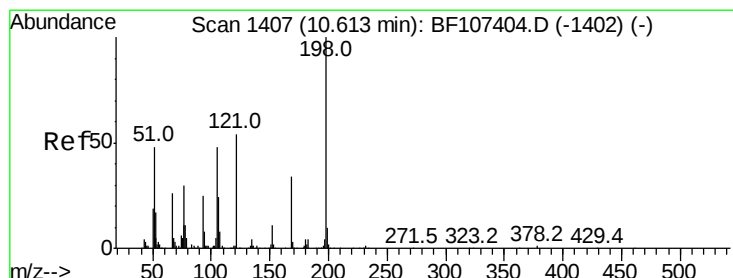
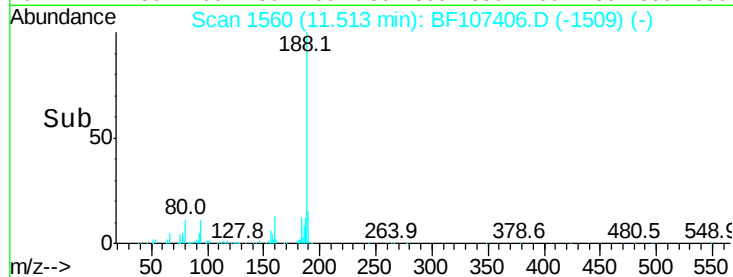
600000

400000

200000

0

Time--> 11.45 11.50 11.55



#64

4,6-Dinitro-2-methylphenol

Concen: 54.538 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

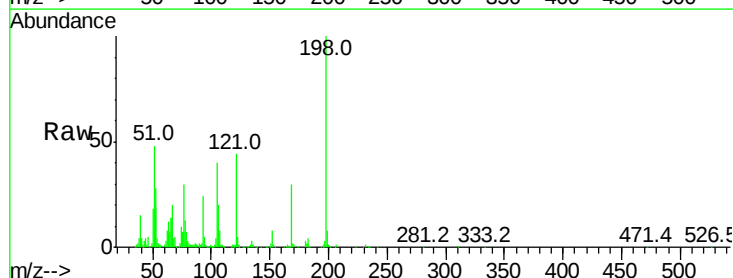
Tgt Ion:198 Resp: 177957

Ion Ratio Lower Upper

198 100

51 48.5 37.7 77.7

105 39.7 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

800000

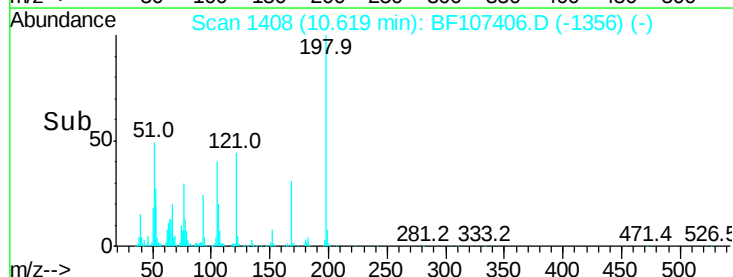
600000

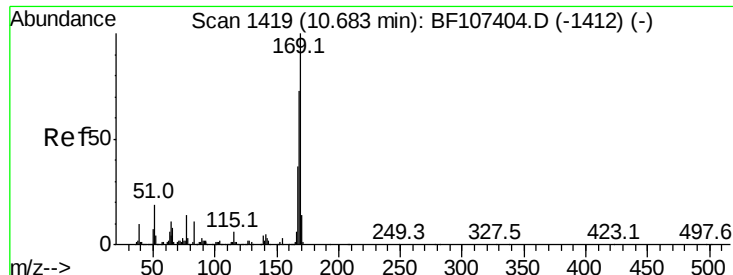
400000

200000

0

Time--> 10.55 10.60 10.65 10.70

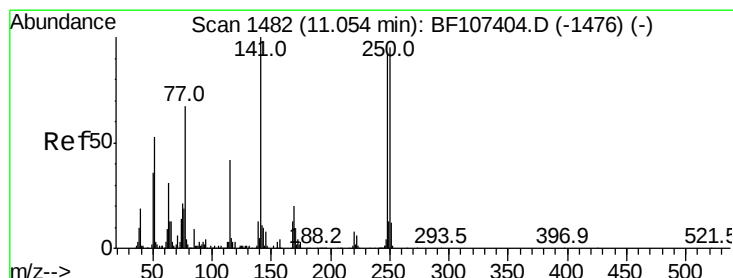
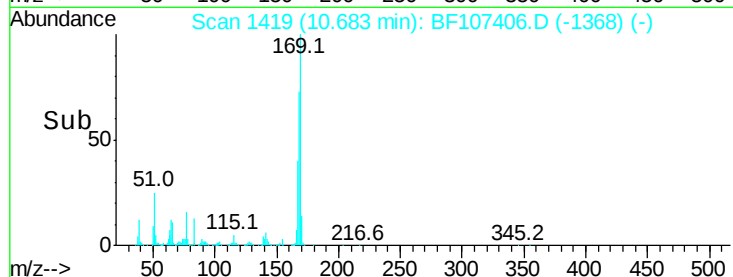
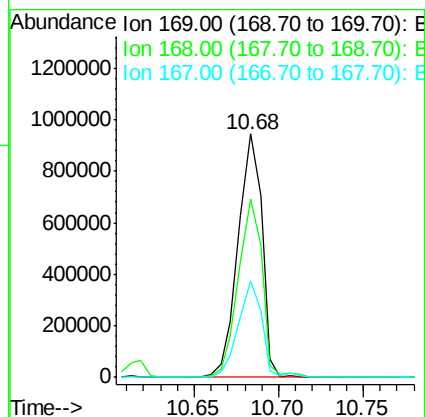
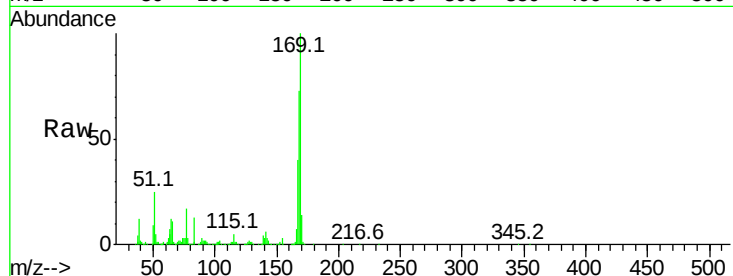




#65
n-Nitrosodiphenylamine
Concen: 52.450 ng
RT: 10.68 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

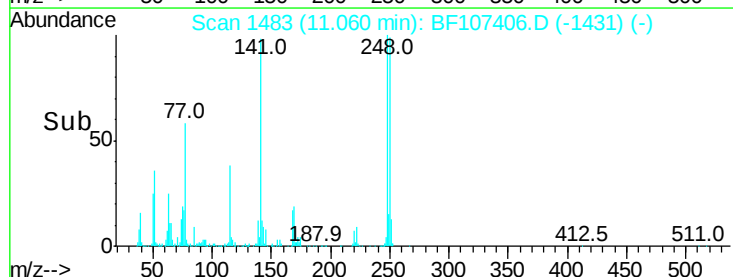
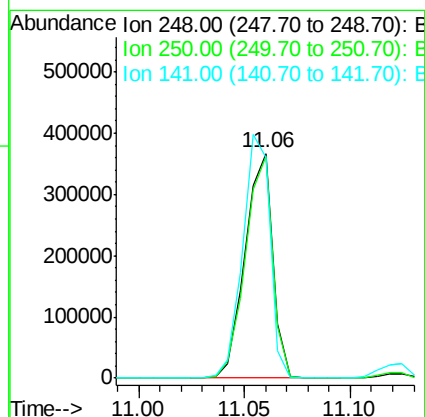
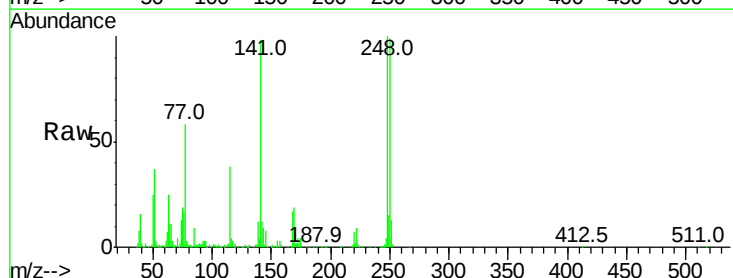
Instrument :
BNA_F
ClientSampleId :

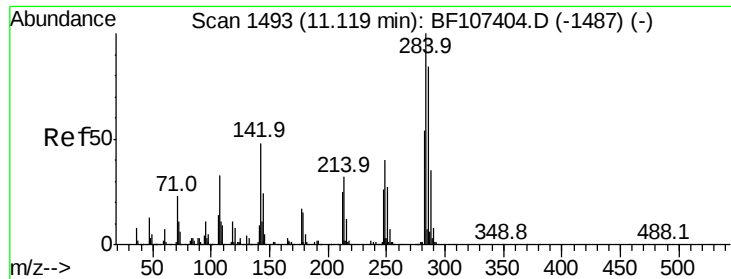
Tot Ion:169 Resp: 931253
Ion Ratio Lower Upper
169 100
168 73.0 54.4 81.6
167 39.8 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 52.853 ng
RT: 11.06 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion:248 Resp: 332965
Ion Ratio Lower Upper
248 100
250 98.6 76.9 115.3
141 98.2 74.4 111.6

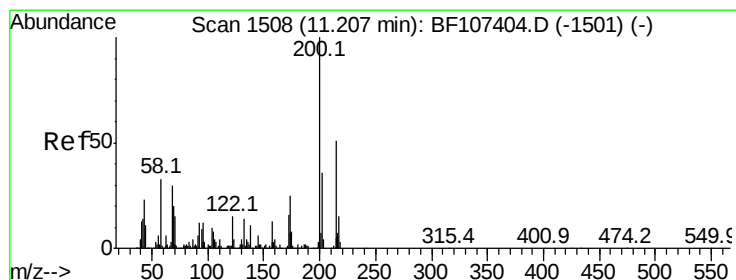
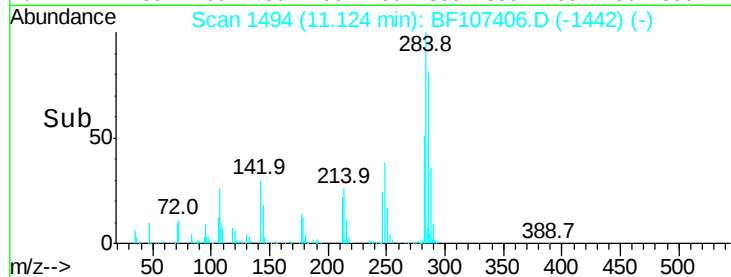
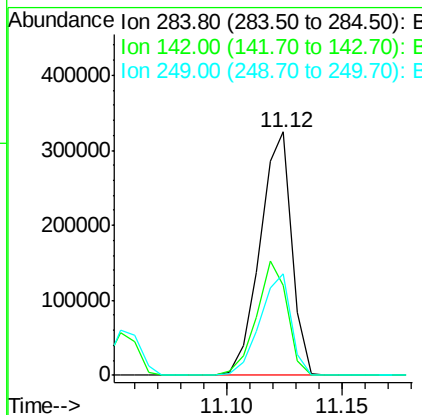
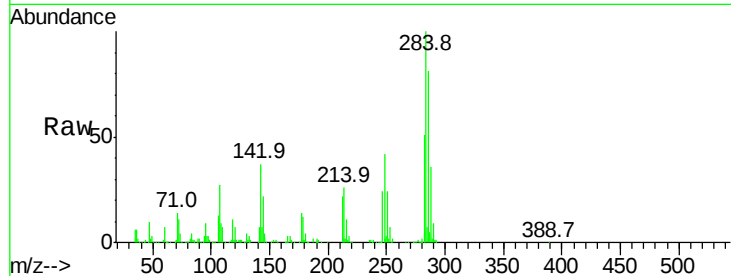




#67
Hexachlorobenzene
Concen: 47.010 ng
RT: 11.12 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

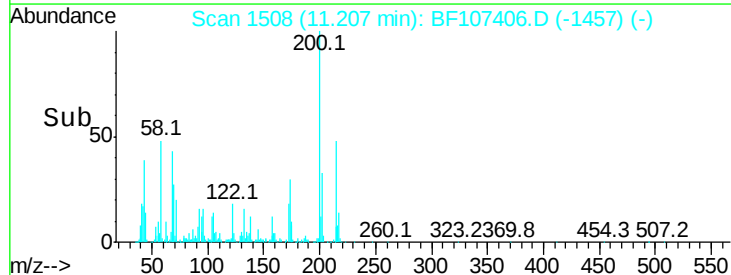
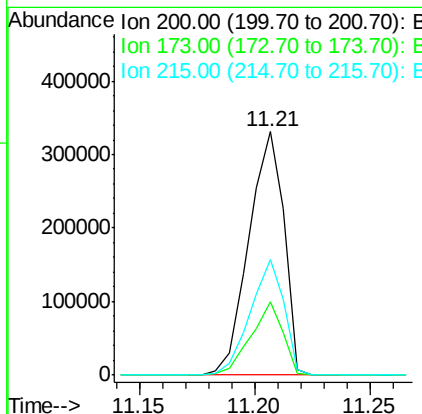
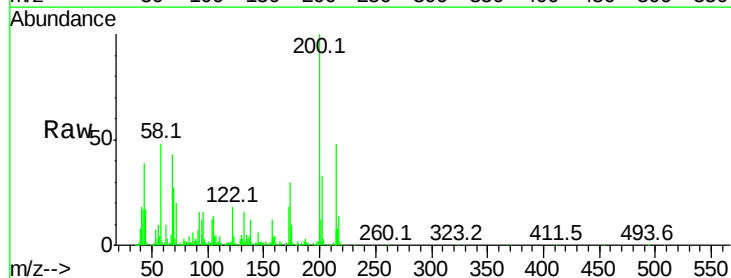
Instrument :
BNA_F
ClientSampleId :

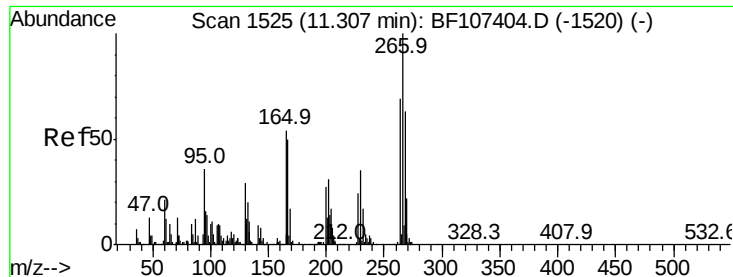
Tot Ion:284 Resp: 309972
Ion Ratio Lower Upper
284 100
142 36.7 34.6 52.0
249 41.9 24.8 37.2#



#68
Atrazine
Concen: 62.170 ng
RT: 11.21 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion:200 Resp: 350911
Ion Ratio Lower Upper
200 100
173 30.3 8.6 48.6
215 47.6 25.1 65.1

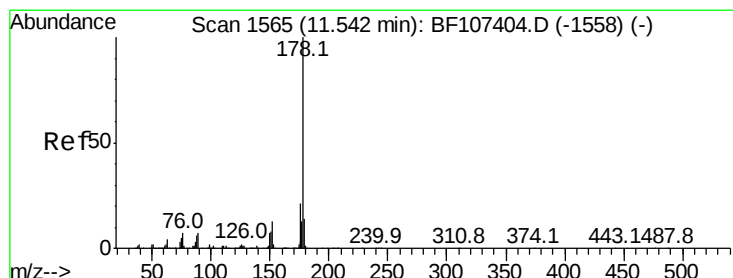
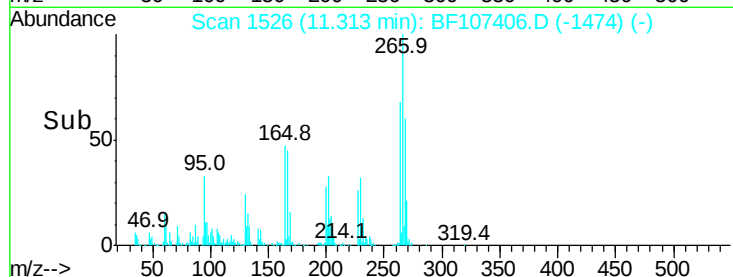
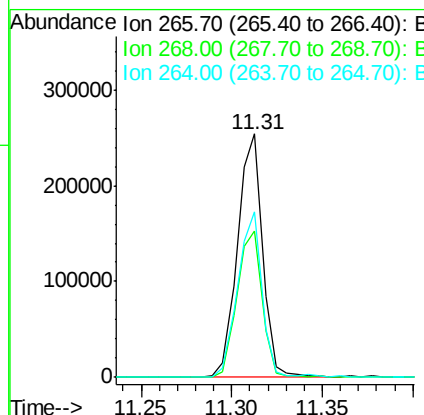
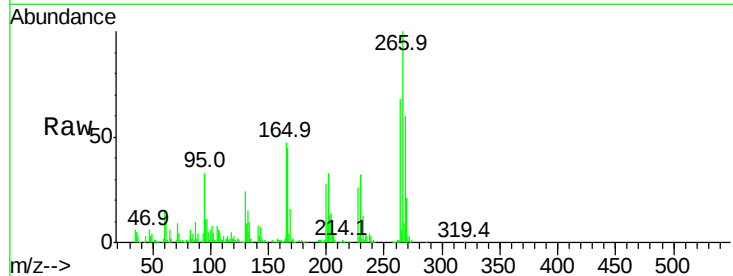




#69
 Pentachlorophenol
 Concen: 74.513 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF107406.D
 Acq: 16 Jul 2018 15:55

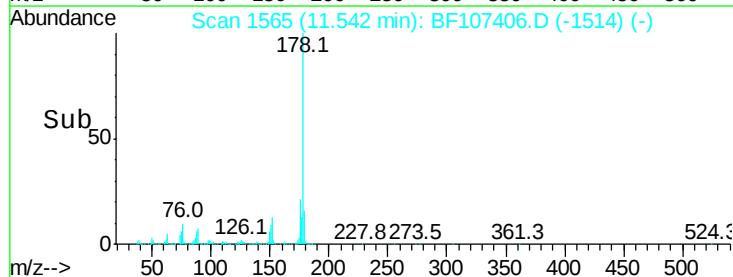
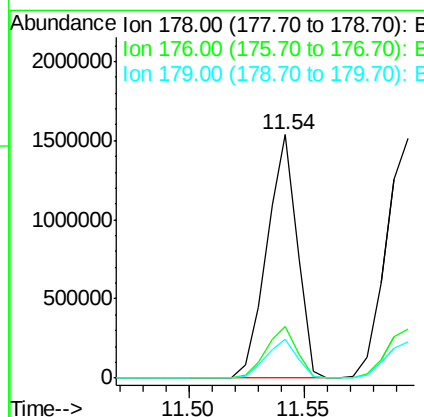
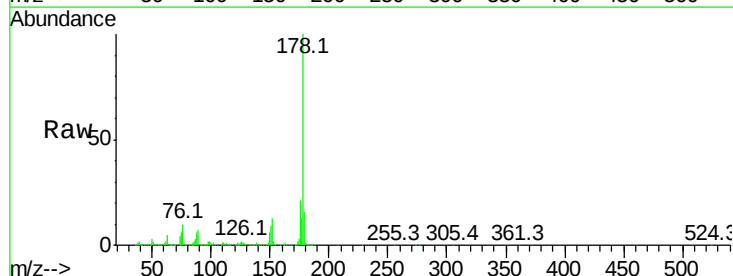
Instrument :
 BNA_F
 ClientSampleId :

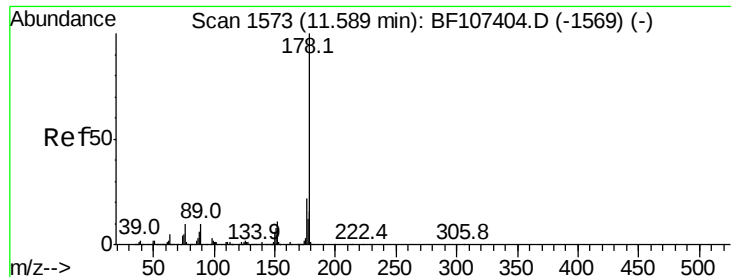
Tot Ion	Ratio	Lower	Upper
266	100		
268	59.8	51.1	76.7
264	68.2	49.5	74.3



#70
 Phenanthrene
 Concen: 54.995 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF107406.D
 Acq: 16 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	15.7	13.0	19.6



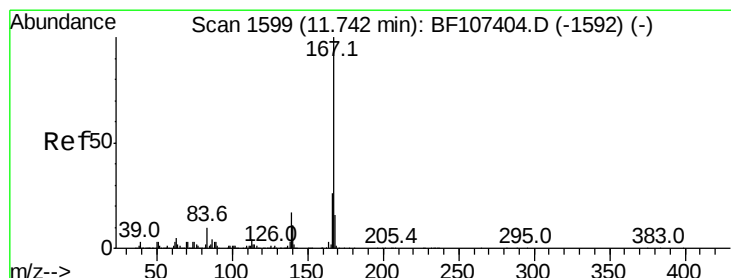
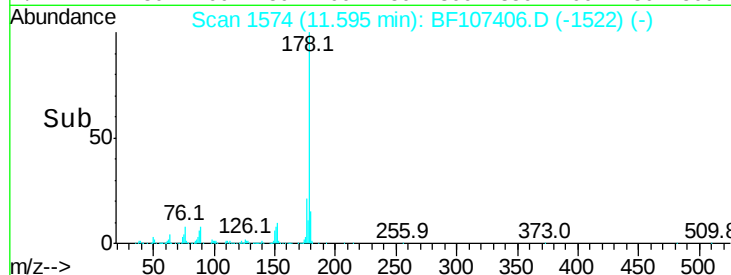
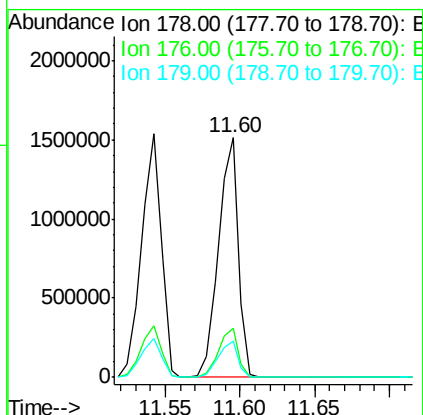
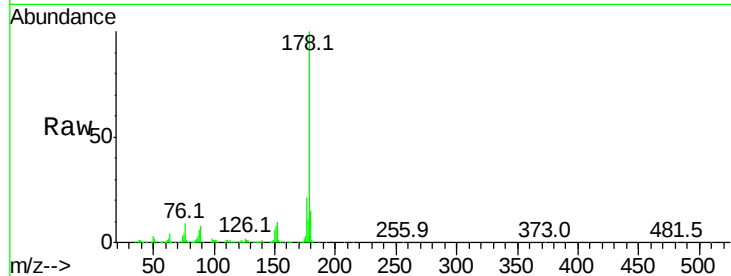


#71
 Anthracene
 Concen: 54.478 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF107406.D
 Acq: 16 Jul 2018 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1415751

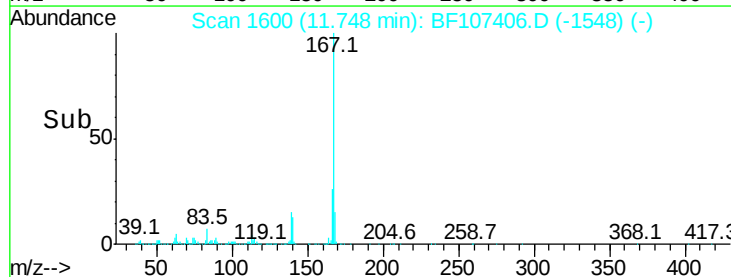
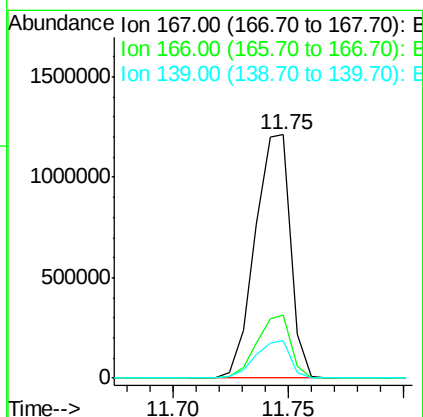
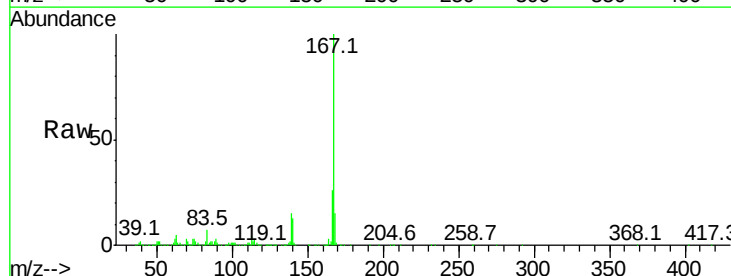
Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.2
179	15.2	12.6	19.0

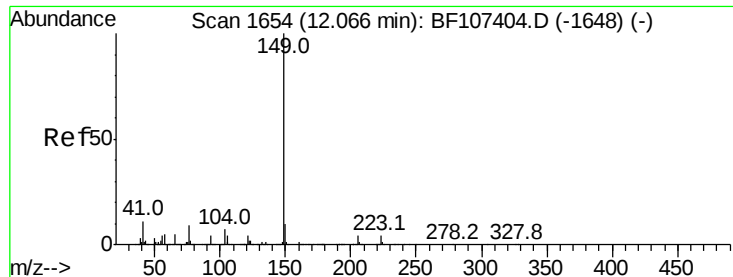


#72
 Carbazole
 Concen: 53.425 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF107406.D
 Acq: 16 Jul 2018 15:55

Tgt Ion:167 Resp: 1299861

Ion	Ratio	Lower	Upper
167	100		
166	25.8	17.6	26.4
139	15.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 54.863 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

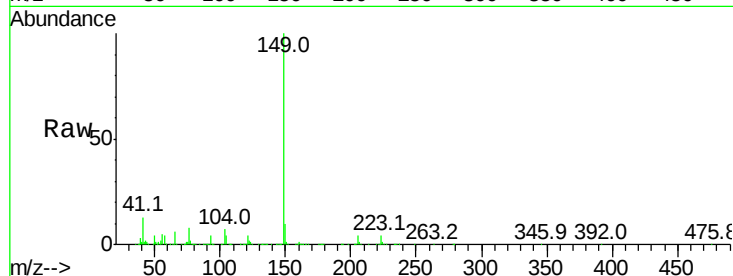
Tot Ion:149 Resp: 1572590

Ion Ratio Lower Upper

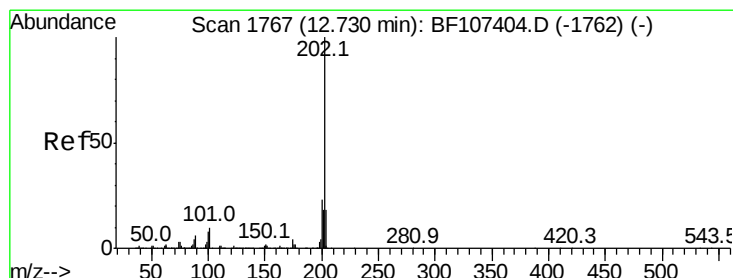
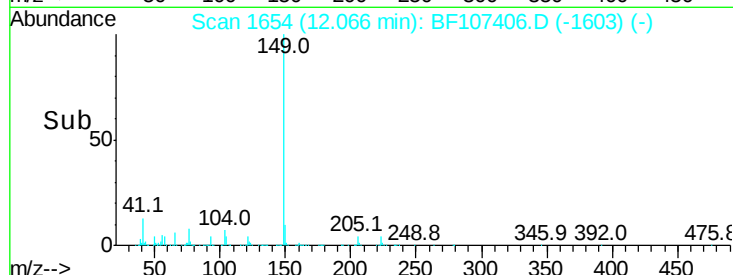
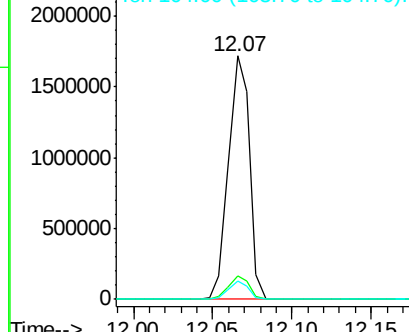
149 100

150 9.6 7.8 11.6

104 7.4 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 54.069 ng

RT: 12.73 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

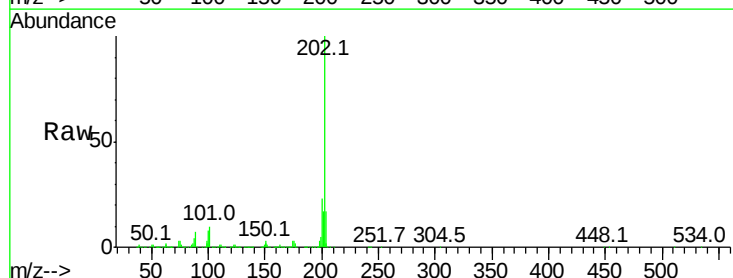
Tgt Ion:202 Resp: 1517303

Ion Ratio Lower Upper

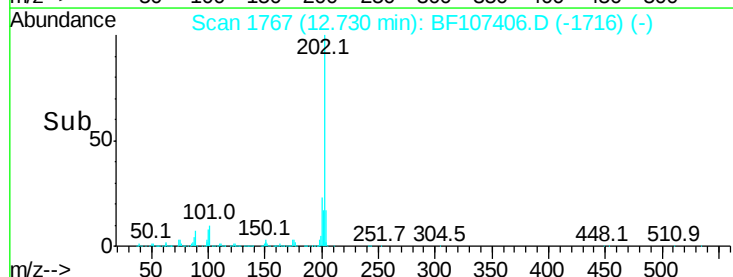
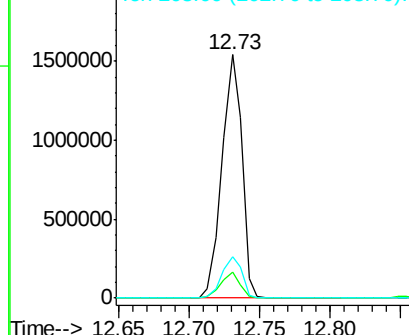
202 100

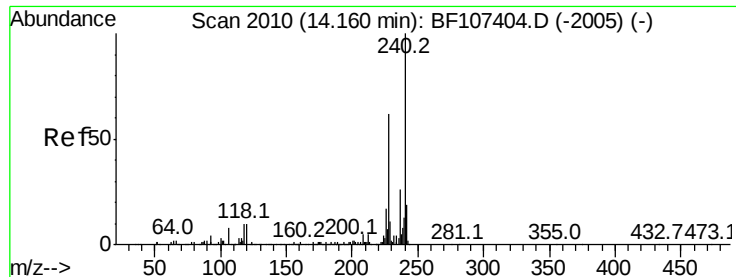
101 10.5 0.0 34.1

203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

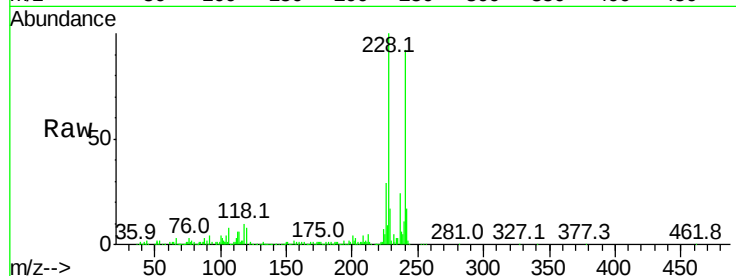
Tot Ion:240 Resp: 353234

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

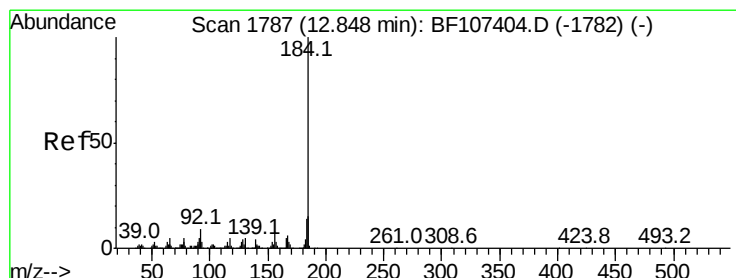
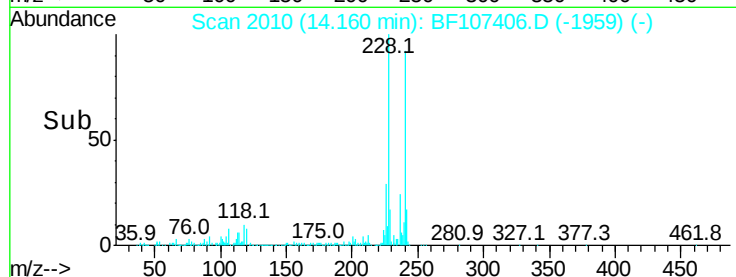
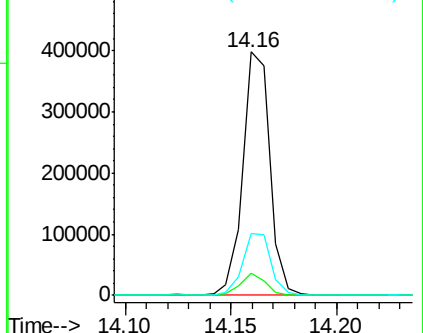
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.042 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.25 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

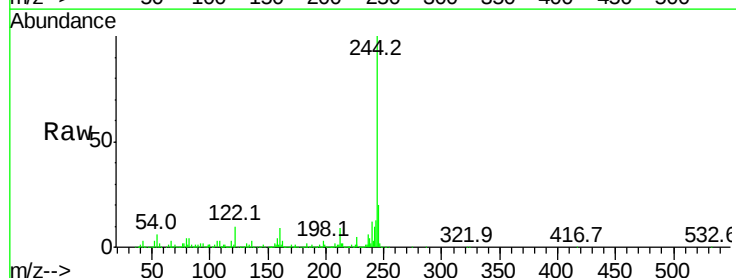
Tgt Ion:184 Resp: 30603

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

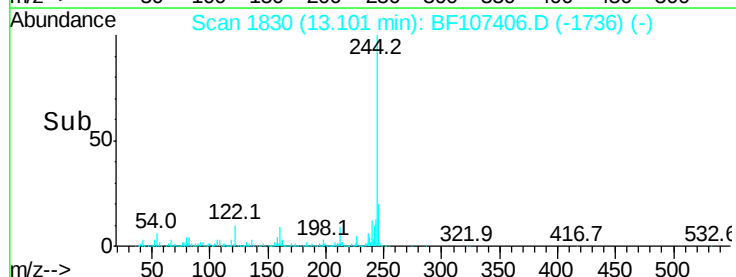
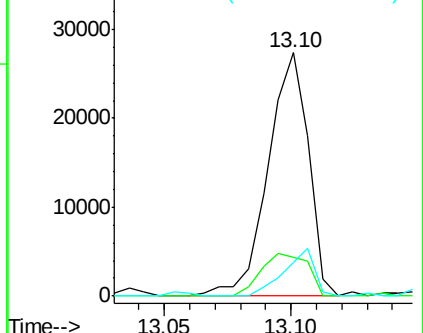
183 13.7 9.3 13.9

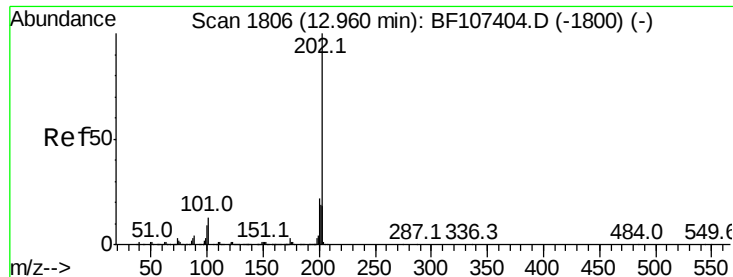


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 63.549 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

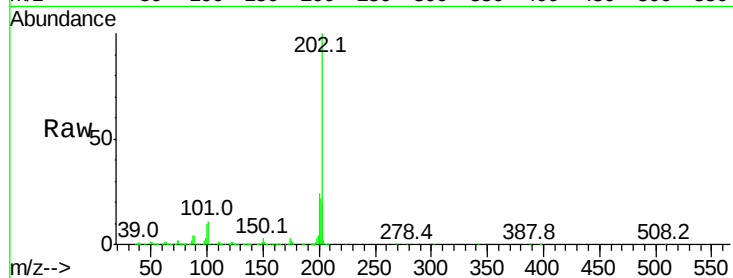
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1480257

Ion	Ratio	Lower	Upper
202	100		
200	24.2	17.4	26.2
203	18.8	14.3	21.5

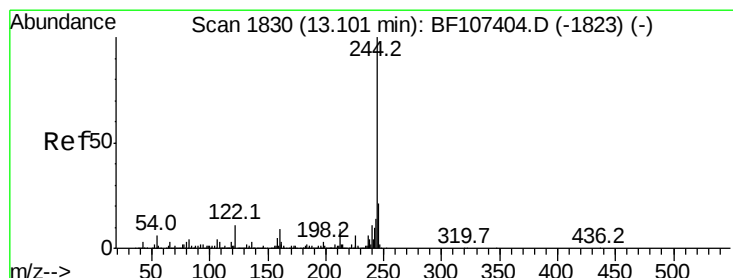
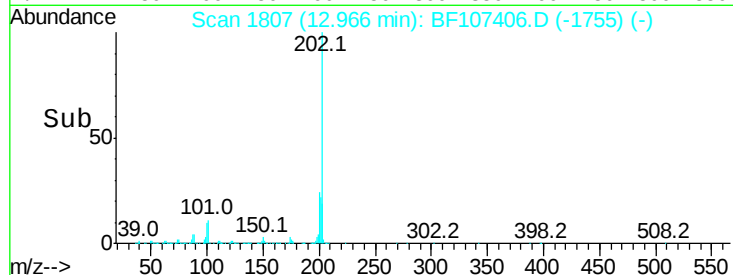
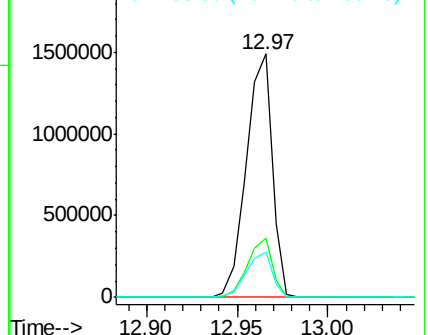


Abundance

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: 114.549 ng

RT: 13.10 min Scan# 1830

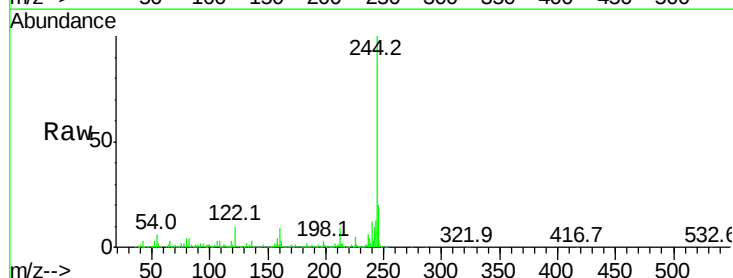
Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Tgt Ion:244 Resp: 1670418

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.4	8.0#
122	9.7	11.0	16.4#

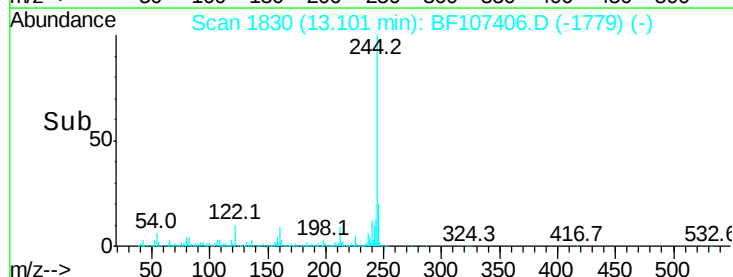
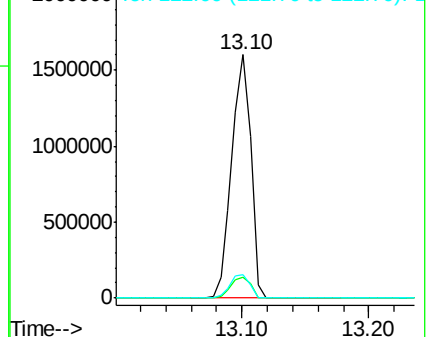


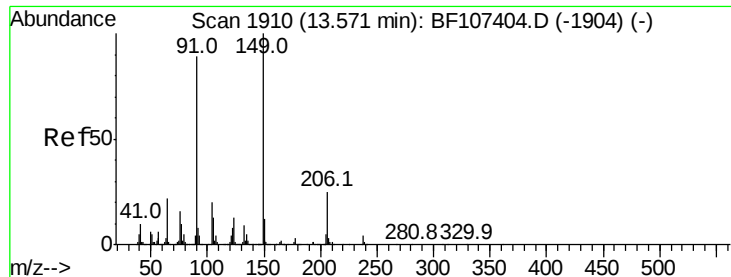
Abundance

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

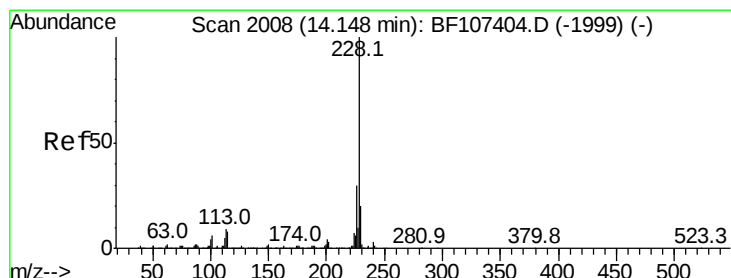
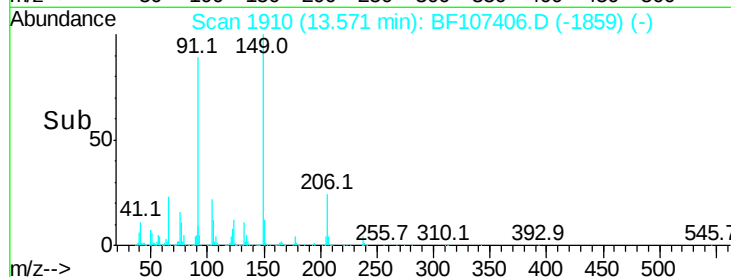
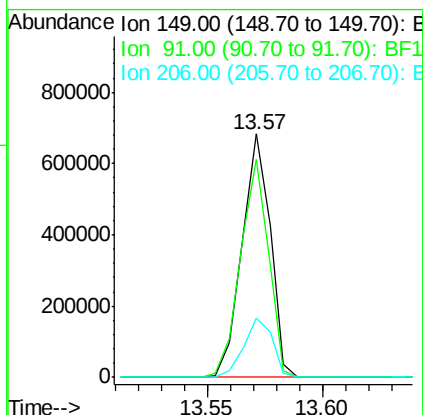
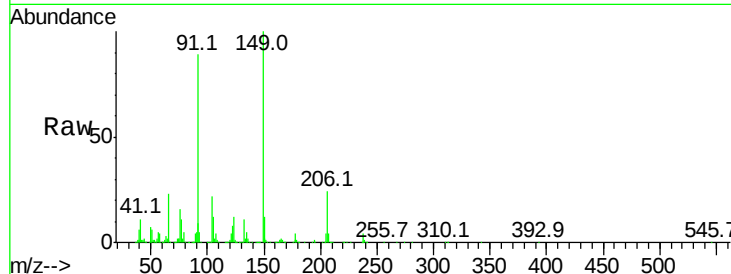




#79
Butylbenzylphthalate
Concen: 61.208 ng
RT: 13.57 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

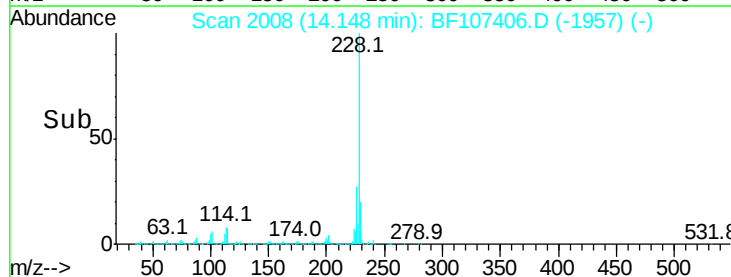
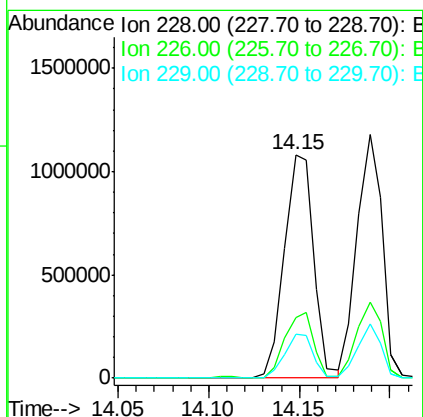
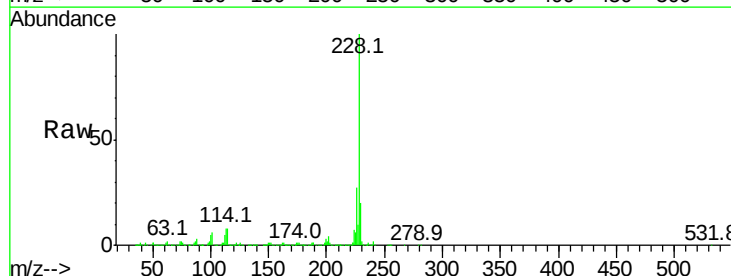
Instrument :
BNA_F
ClientSampleId :

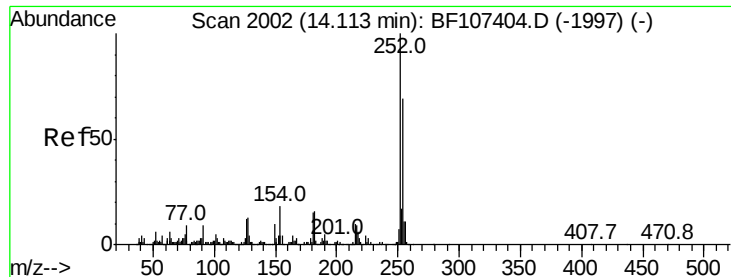
Tot Ion:149 Resp: 586197
Ion Ratio Lower Upper
149 100
91 89.5 56.8 85.2#
206 24.4 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 57.137 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion:228 Resp: 1230092
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 55.085 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

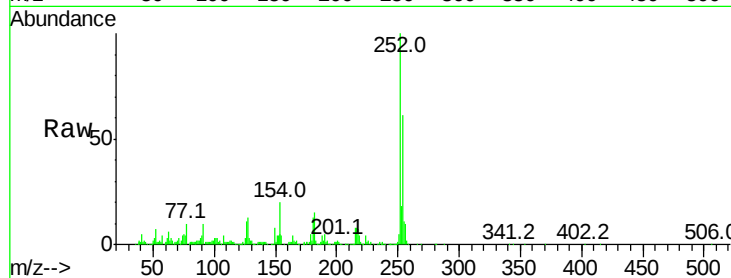
Tot Ion:252 Resp: 416795

Ion Ratio Lower Upper

252 100

254 60.8 50.4 75.6

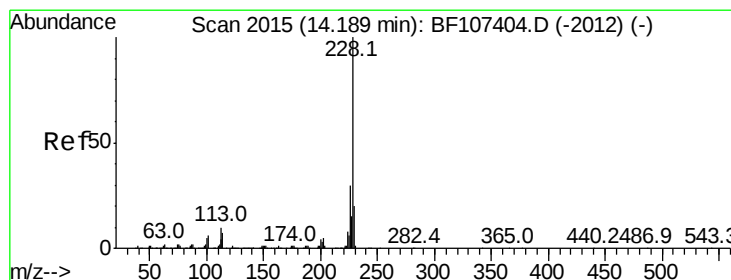
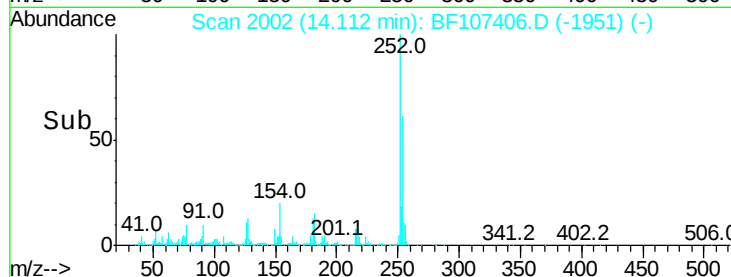
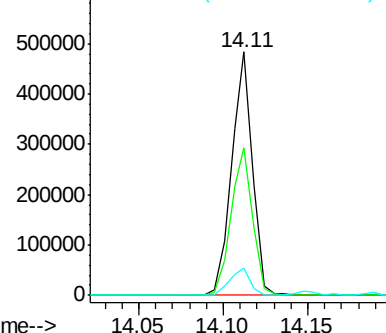
126 11.3 11.3 16.9



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: 58.345 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

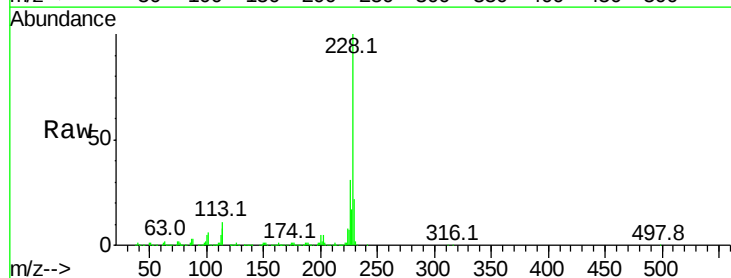
Tgt Ion:228 Resp: 1155582

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

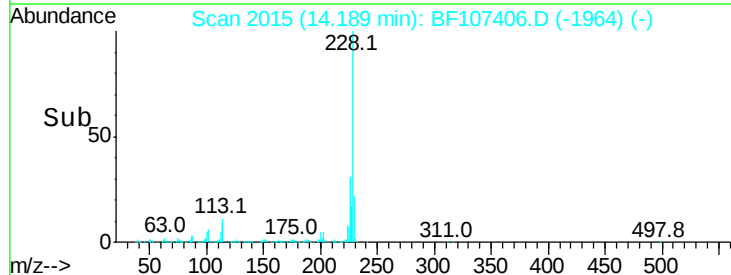
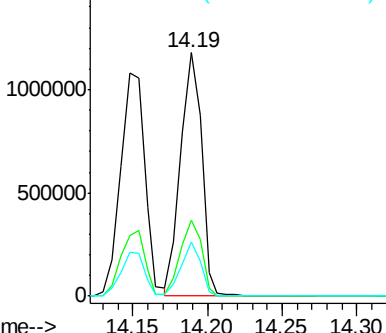
229 22.1 16.2 24.4

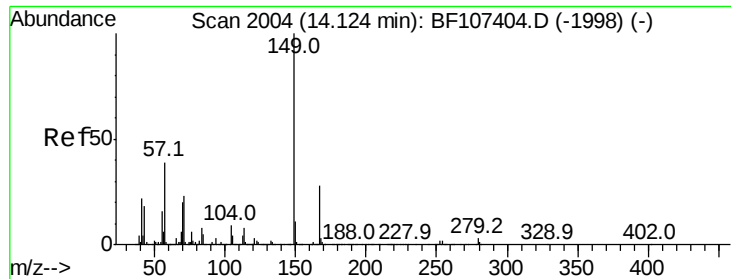


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 64.564 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

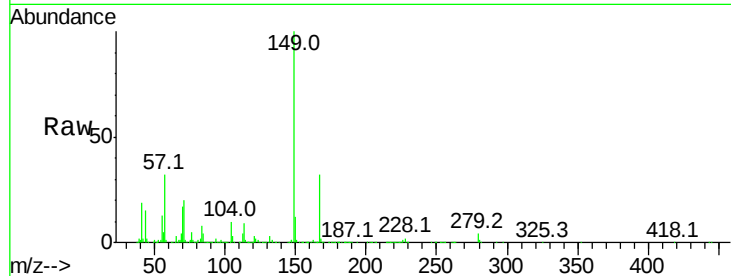
Tot Ion:149 Resp: 790517

Ion Ratio Lower Upper

149 100

167 32.0 21.3 31.9#

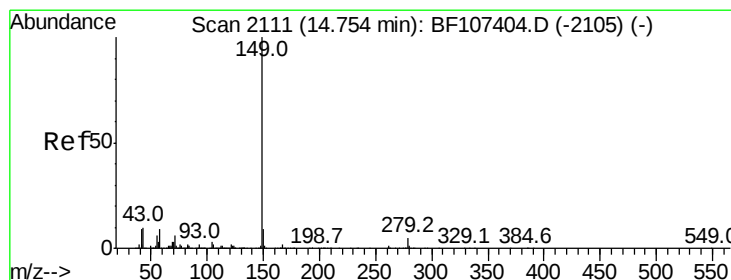
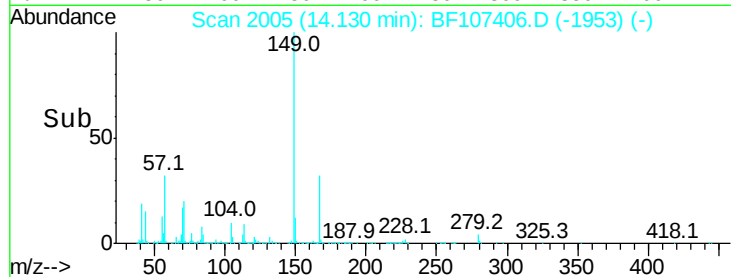
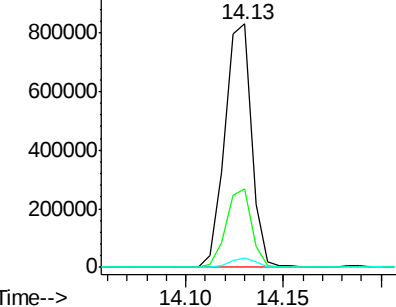
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.789 ng

RT: 14.75 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

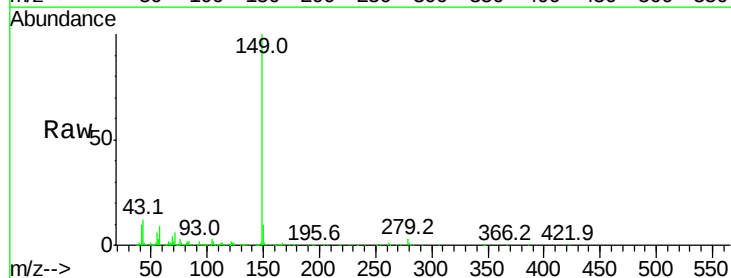
Tgt Ion:149 Resp: 1173325

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

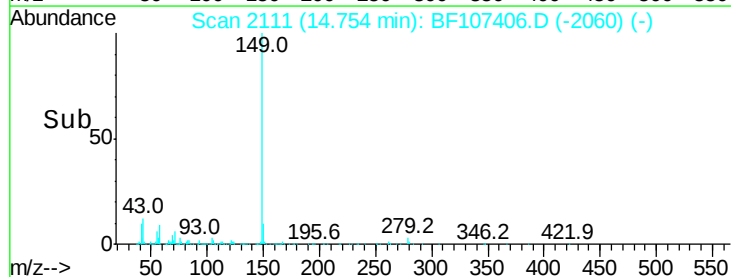
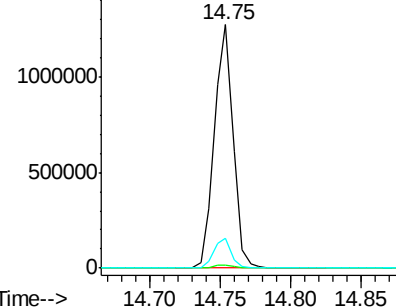
43 11.5 8.4 12.6

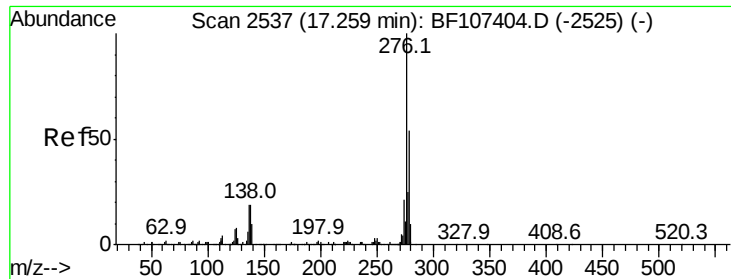


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.815 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

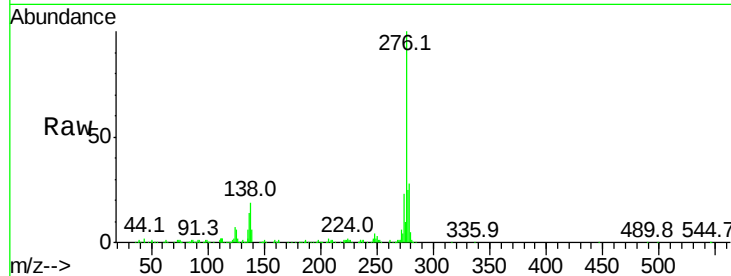
Tot Ion:276 Resp: 921338

Ion Ratio Lower Upper

276 100

138 24.7 25.0 37.6#

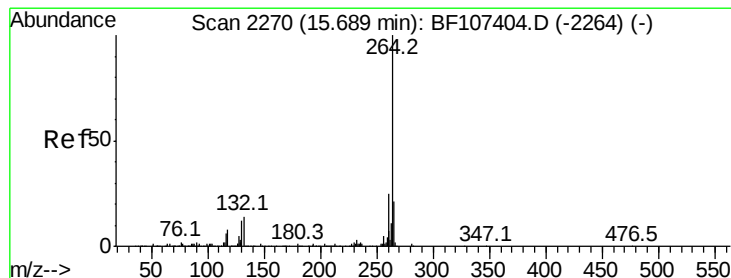
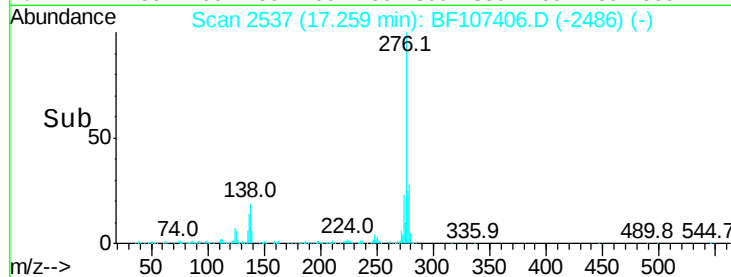
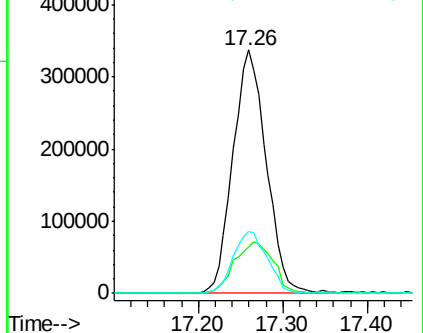
277 26.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

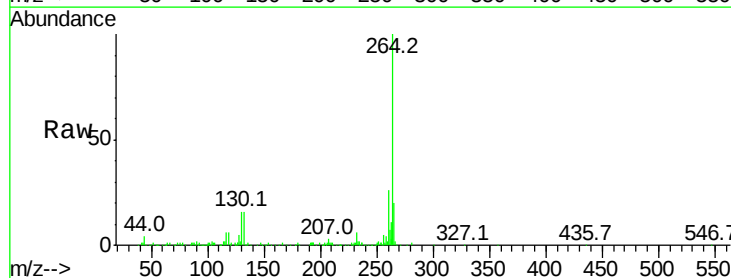
Tgt Ion:264 Resp: 289929

Ion Ratio Lower Upper

264 100

260 26.0 19.2 28.8

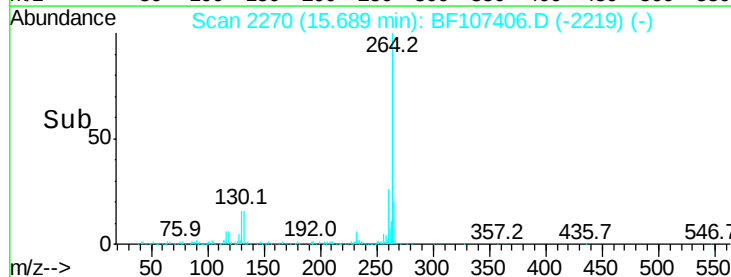
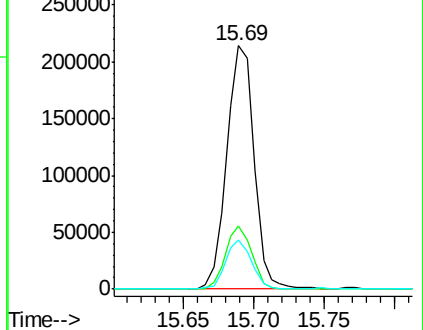
265 19.9 17.5 26.3

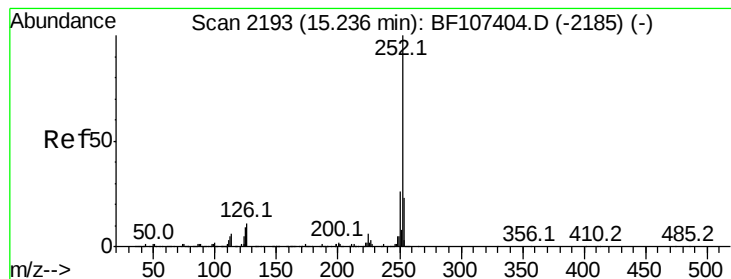


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.535 ng

RT: 15.27 min Scan# 2199

Delta R.T. 0.04 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

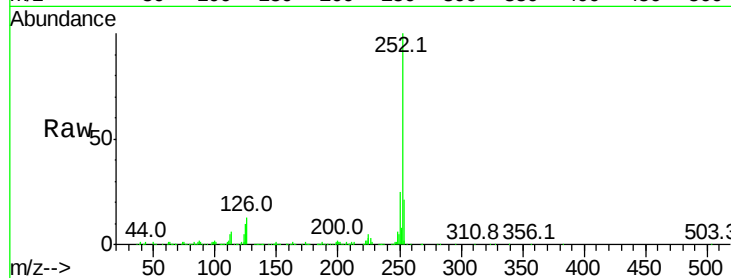
Tot Ion:252 Resp: 892139

Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

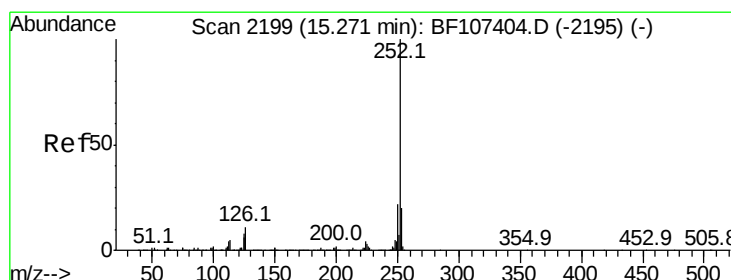
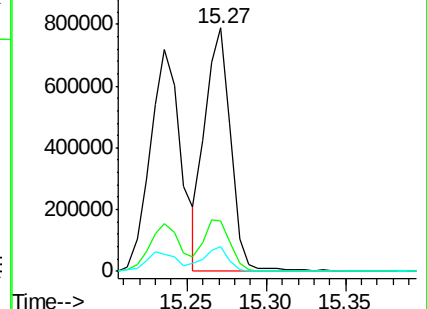
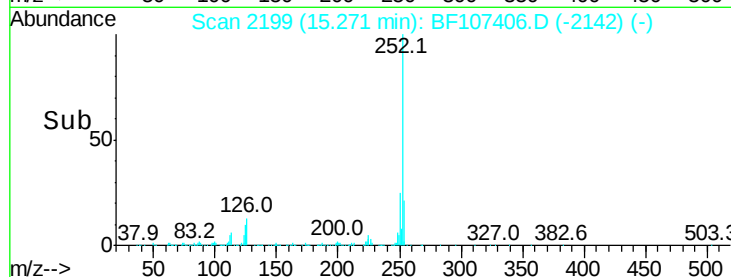
125 10.4 9.0 13.6



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: 52.016 ng

RT: 15.27 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

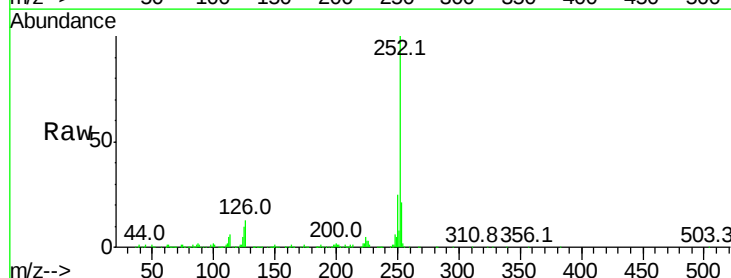
Tgt Ion:252 Resp: 892139

Ion Ratio Lower Upper

252 100

253 20.9 17.9 26.9

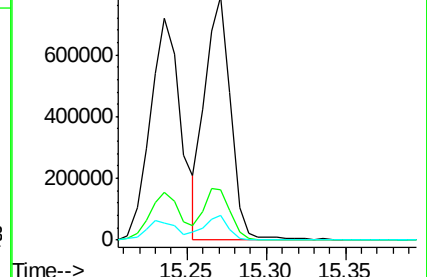
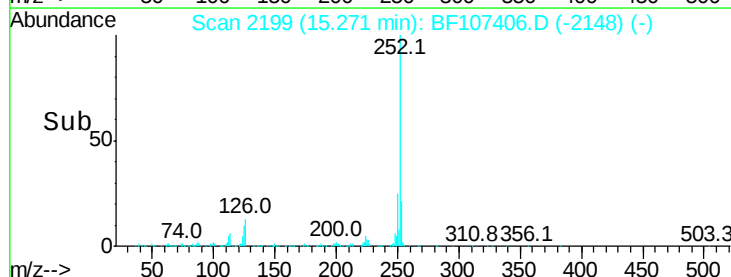
125 10.4 10.2 15.2

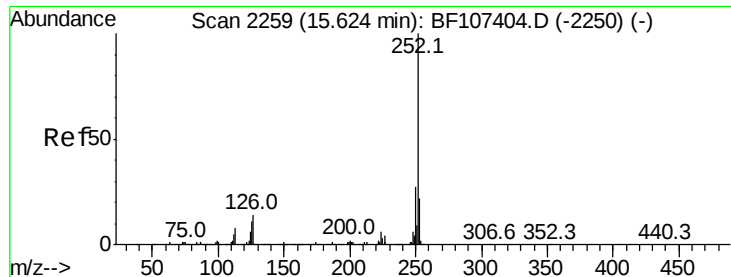


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

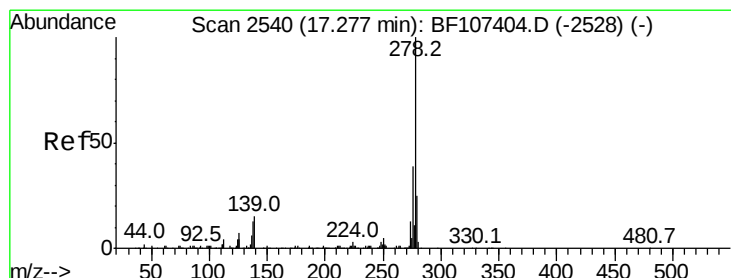
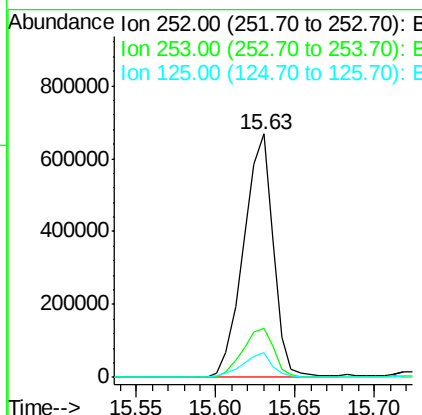
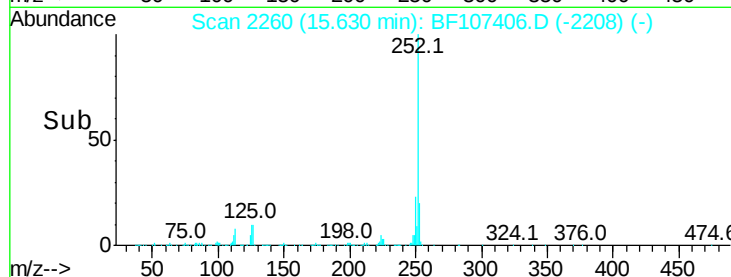
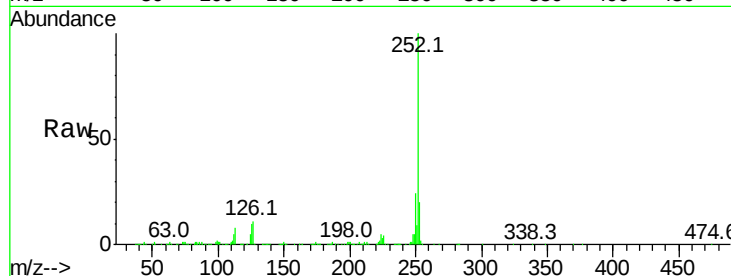




#89
Benzo(a)pyrene
Concen: 54.423 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

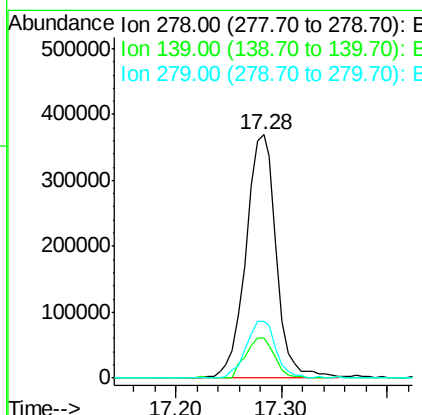
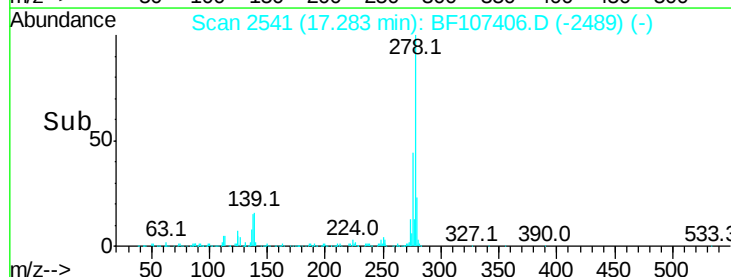
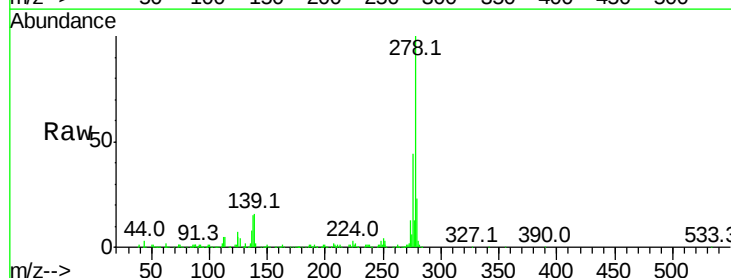
Instrument :
BNA_F
ClientSampleId :

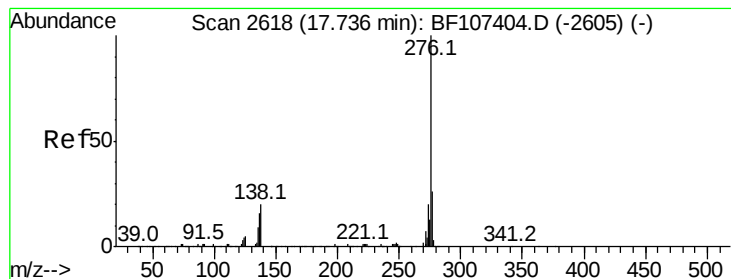
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.1	25.7
125	10.3	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 54.641 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF107406.D
Acq: 16 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.9	23.9
279	23.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 58.040 ng

RT: 17.74 min Scan# 2619

Delta R.T. 0.01 min

Lab File: BF107406.D

Acq: 16 Jul 2018 15:55

Instrument :

BNA_F

ClientSampleId :

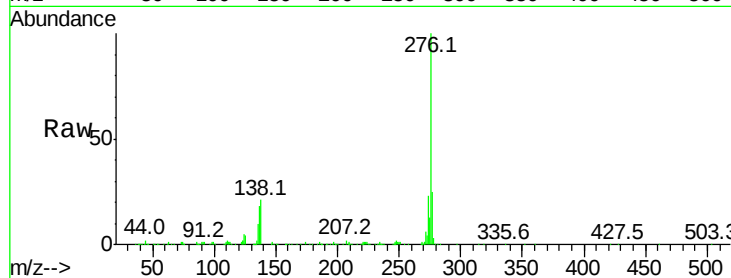
Tot Ion:276 Resp: 769758

Ion Ratio Lower Upper

276 100

277 25.4 17.9 26.9

138 20.9 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

