

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107824.D
 Acq On : 31 Jul 2018 2:07
 Operator : JU/SJ
 Sample : J4210-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 04:54:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	175168	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	687640	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	266434	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	469001	20.00	ng	0.00
75) Chrysene-d12	14.15	240	435177	20.00	ng	0.00
86) Perylene-d12	15.69	264	325177	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	898508	87.18	ng	0.01
7) Phenol-d6	6.61	99	1109946	81.71	ng	0.00
23) Nitrobenzene-d5	7.53	82	691722	57.95	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	247886	68.47	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1192081	62.35	ng	0.00
78) Terphenyl-d14	13.08	244	1091524	54.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	101093	24.176	ng	# 81
3) Pyridine	3.65	79	204512	20.955	ng	87
4) n-Nitrosodimethylamine	3.62	42	61371	11.703	ng	93
6) Aniline	6.64	93	212889	15.068	ng	# 37
8) 2-Chlorophenol	6.75	128	336483	25.990	ng	91
9) Benzaldehyde	6.52	77	141090	17.215	ng	98
10) Phenol	6.62	94	393262	24.277	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	287880	19.986	ng	96
12) 1,3-Dichlorobenzene	6.90	146	349384	25.730	ng	97
13) 1,4-Dichlorobenzene	6.98	146	384322	25.426	ng	99
14) 1,2-Dichlorobenzene	7.13	146	333547	23.772	ng	99
15) Benzyl Alcohol	7.11	79	226418	26.817	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	569699	27.509	ng	73
17) 2-Methylphenol	7.22	107	252053	26.373	ng	# 77
18) Hexachloroethane	7.47	117	109646	20.181	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	238591	27.689	ng	96
20) 3+4-Methylphenols	7.38	107	313772	26.741	ng	# 61
22) Acetophenone	7.37	105	485891	29.370	ng	# 94
24) Nitrobenzene	7.55	77	322425	25.761	ng	99
25) Isophorone	7.78	82	626671	31.985	ng	99
26) 2-Nitrophenol	7.87	139	147321	23.454	ng	96
27) 2,4-Dimethylphenol	7.90	122	247504	29.431	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	394137	30.525	ng	97
29) 2,4-Dichlorophenol	8.11	162	251412	26.430	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	288044	26.543	ng	99
31) Naphthalene	8.27	128	961704	30.087	ng	99
32) Benzoic acid	7.90	122	247504	43.631	ng	# 16
33) 4-Chloroaniline	8.33	127	169713	12.430	ng	95
34) Hexachlorobutadiene	8.37	225	169777	25.317	ng	99
35) Caprolactam	8.68	113	72350	25.265	ng	# 78
36) 4-Chloro-3-methylphenol	8.81	107	264812	25.633	ng	99
37) 2-Methylnaphthalene	8.96	142	607232	30.243	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	273295	30.085	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	8810	9.459	ng	97

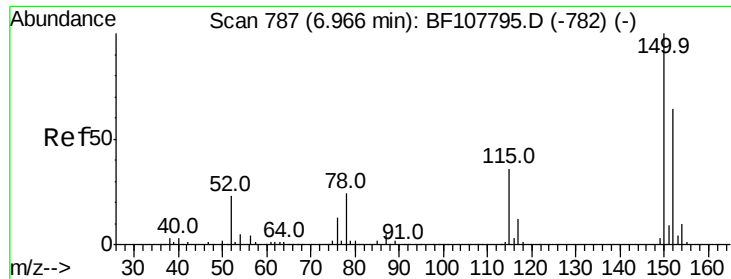
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107824.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	152752	30.417	nq	98
43) 2,4,5-Trichlorophenol	9.30	196	167793	27.754	nq	94
45) 1,1'-Biphenyl	9.42	154	749134	30.896	nq	99
46) 2-Chloronaphthalene	9.45	162	523692	28.641	nq	97
47) 2-Nitroaniline	9.56	65	181030	30.438	nq	91
48) Acenaphthylene	9.87	152	836860	29.522	nq	100
49) Dimethylphthalate	9.71	163	684259	34.197	nq	99
50) 2,6-Dinitrotoluene	9.79	165	111726	25.693	nq	91
51) Acenaphthene	10.04	154	473407	28.750	nq	99
52) 3-Nitroaniline	9.98	138	129110	23.562	nq	96
53) 2,4-Dinitrophenol	10.13	184	413	8.601	nq #	1
54) Dibenzofuran	10.21	168	695816	27.339	nq	99
55) 4-Nitrophenol	10.17	139	73231	34.403	nq	89
56) 2,4-Dinitrotoluene	10.20	165	127367	22.285	nq #	89
57) Fluorene	10.55	166	529521	26.771	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.34	232	137329	24.731	nq #	83
59) Diethylphthalate	10.41	149	610196	28.363	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	266881	24.768	nq	91
61) 4-Nitroaniline	10.60	138	125099	25.726	nq	95
62) Azobenzene	10.70	77	527887	26.346	nq	97
65) n-Nitrosodiphenylamine	10.67	169	464807	30.098	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	145443	26.606	nq #	86
67) Hexachlorobenzene	11.10	284	156378	25.797	nq #	91
68) Atrazine	11.18	200	134591	29.447	nq	98
69) Pentachlorophenol	11.31	266	121870	40.840	nq	97
70) Phenanthrene	11.52	178	655654	29.442	nq	98
71) Anthracene	11.58	178	758084	29.513	nq	100
72) Carbazole	11.74	167	707037	27.854	nq	98
73) Di-n-butylphthalate	12.04	149	842796	30.434	nq	99
74) Fluoranthene	12.72	202	791356	30.248	nq	98
76) Benzidine	12.85	184	169006	12.011	nq	98
77) Pyrene	12.95	202	795551	25.387	nq	98
79) Butylbenzylphthalate	13.55	149	358727	26.141	nq	96
80) Benzo(a)anthracene	14.14	228	691144	28.037	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	242627	25.390	nq	99
82) Chrysene	14.18	228	752892	28.316	nq	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	502302	29.117	nq	99
84) Di-n-octyl phthalate	14.72	149	912157	32.942	nq	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	458697	22.681	nq	96
87) Benzo(b)fluoranthene	15.23	252	498165	31.062	nq	98
88) Benzo(k)fluoranthene	15.26	252	600585	30.502	nq	98
89) Benzo(a)pyrene	15.62	252	476590	28.786	nq	99
90) Dibenzo(a,h)anthracene	17.28	278	386497	26.762	nq	98
91) Benzo(g,h,i)perylene	17.75	276	367690	26.312	nq	94

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

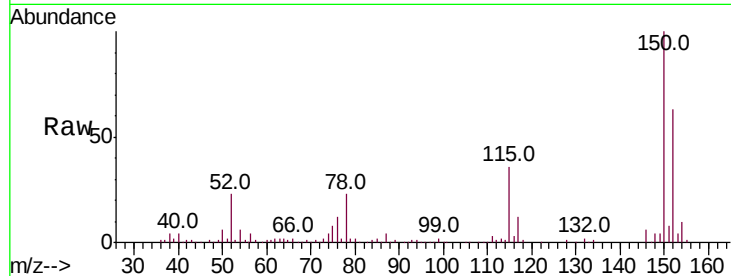


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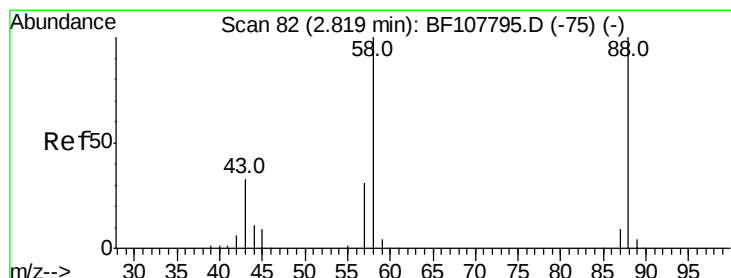
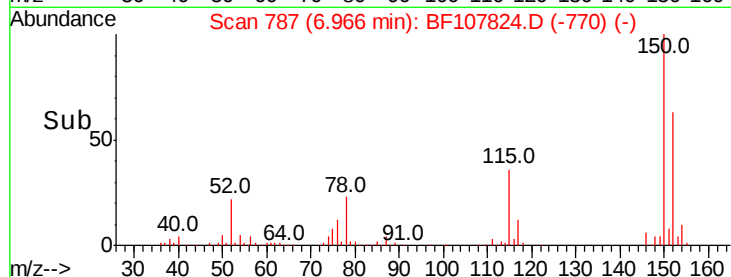
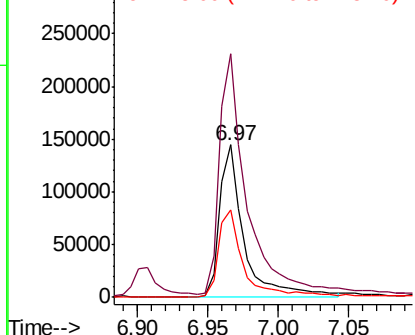
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 175168
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 57.4 50.1 75.1



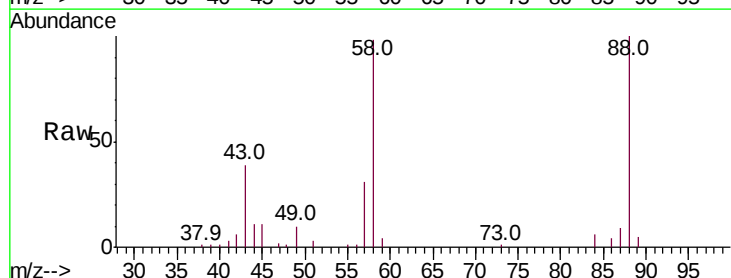
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



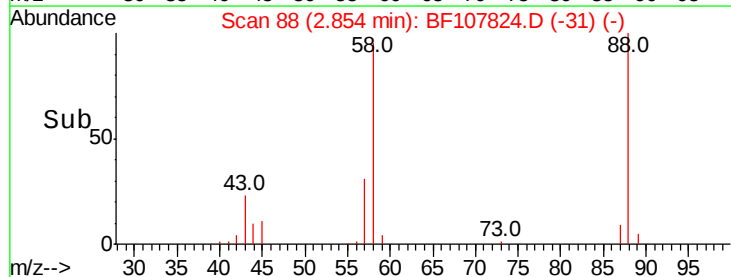
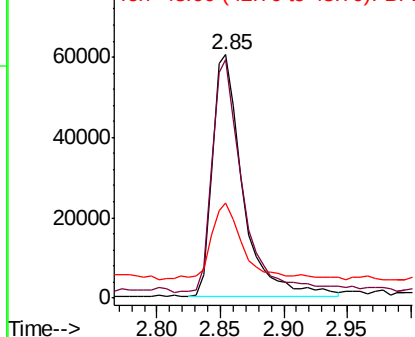
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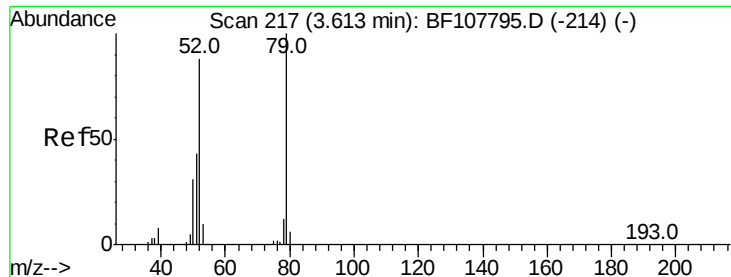
1,4-Dioxane
Concen: 24.176 ng
RT: 2.85 min Scan# 88
Delta R.T. 0.04 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion: 88 Resp: 101093
Ion Ratio Lower Upper
88 100
58 101.0 62.6 93.8#
43 30.9 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: 20.955 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

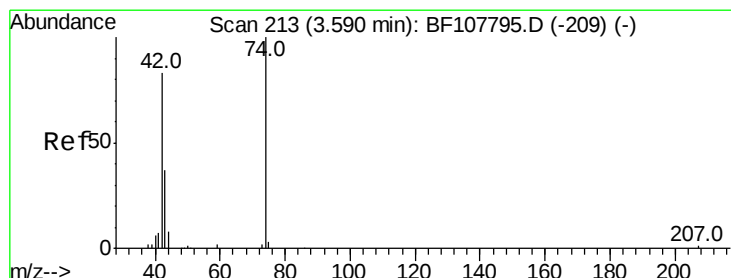
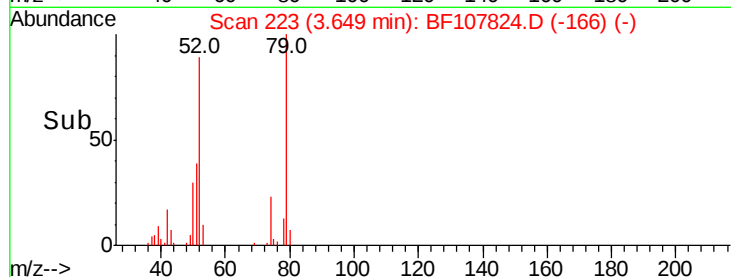
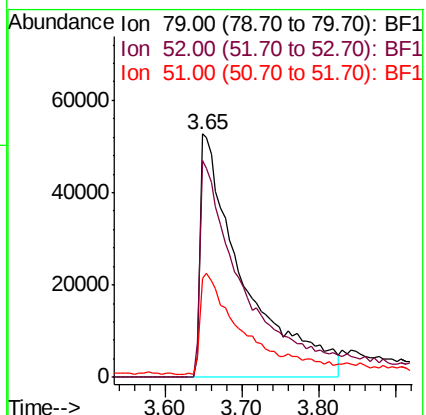
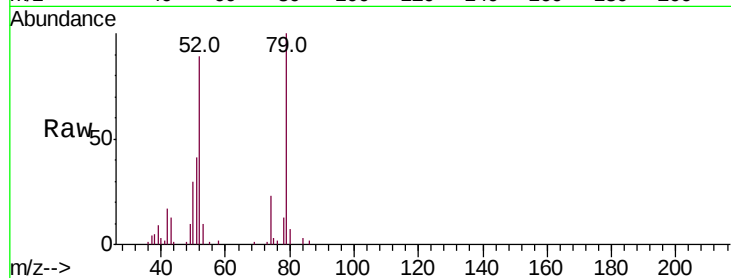
Tot Ion: 79 Resp: 204512

Ion Ratio Lower Upper

79 100

52 88.8 59.8 89.6

51 40.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 11.703 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.03 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

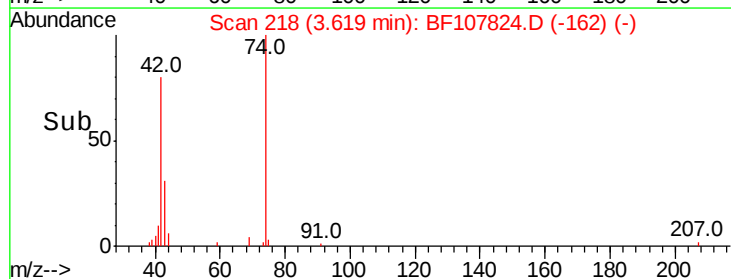
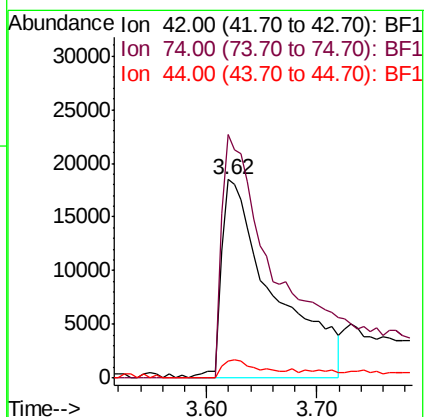
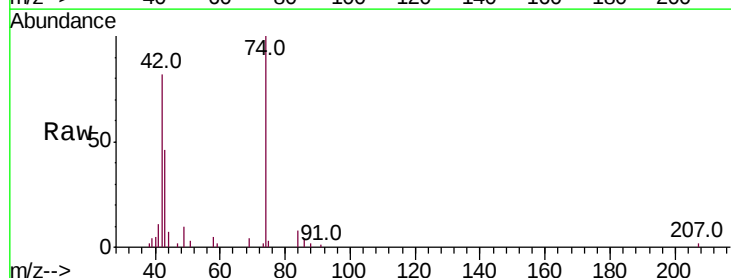
Tgt Ion: 42 Resp: 61371

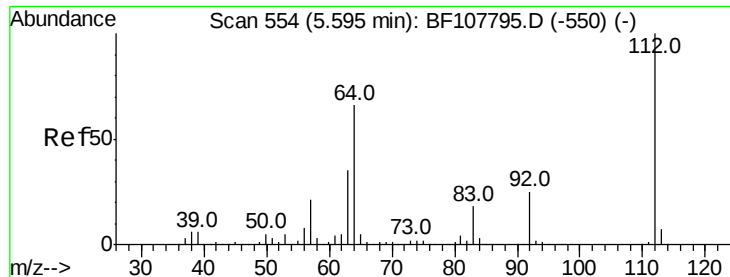
Ion Ratio Lower Upper

42 100

74 122.5 104.9 157.3

44 8.9 6.9 10.3





#5

2-Fluorophenol

Concen: 87.177 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampled :

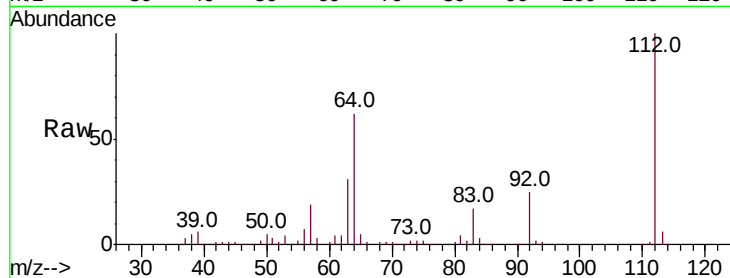
Tot Ion:112 Resp: 898508

Ion Ratio Lower Upper

112 100

64 62.5 47.9 71.9

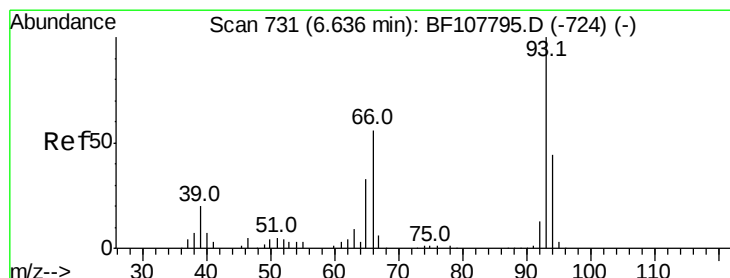
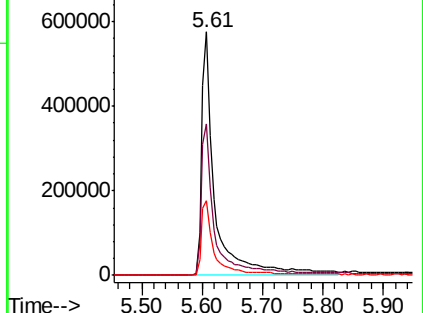
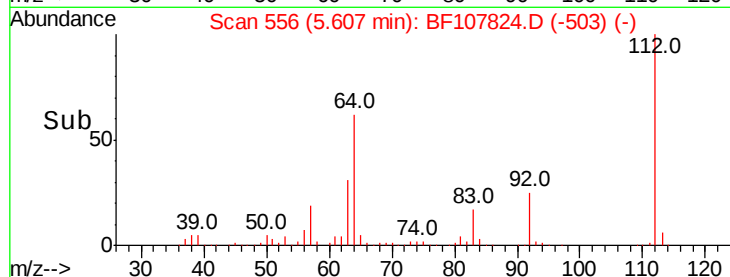
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.068 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

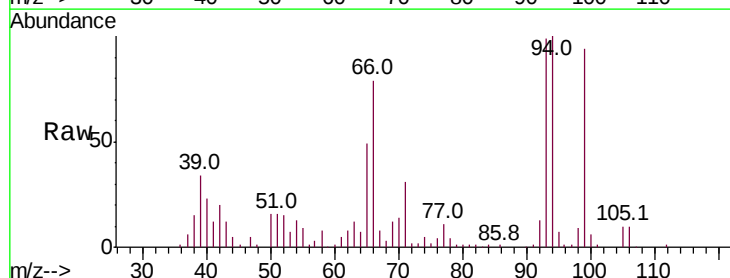
Tgt Ion: 93 Resp: 212889

Ion Ratio Lower Upper

93 100

66 80.0 32.2 48.2#

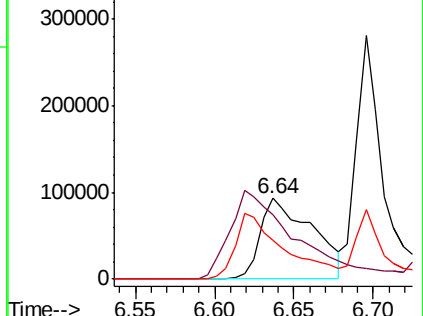
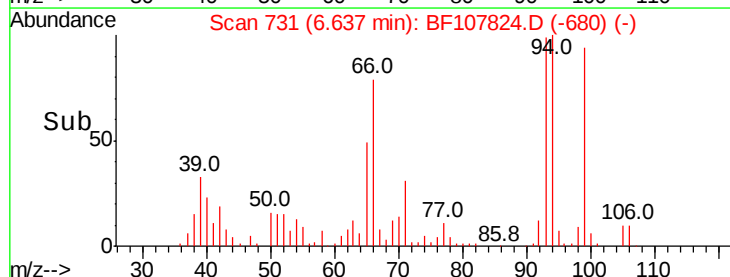
65 48.8 16.4 24.6#

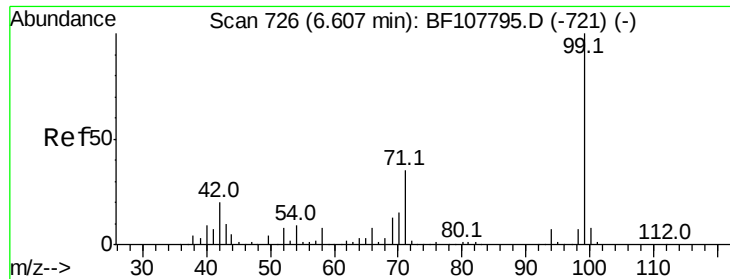


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.712 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

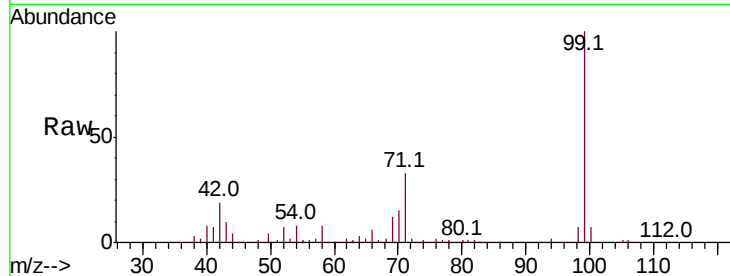
Tot Ion: 99 Resp: 1109946

Ion Ratio Lower Upper

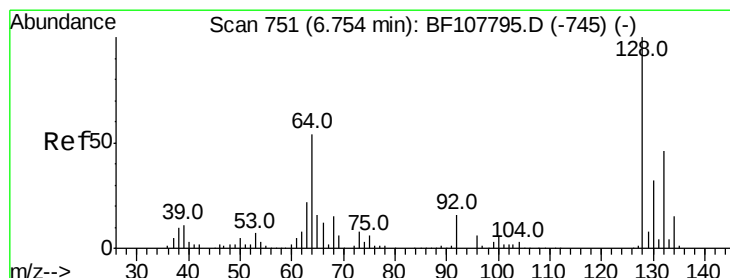
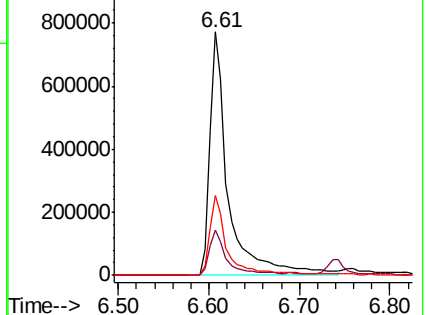
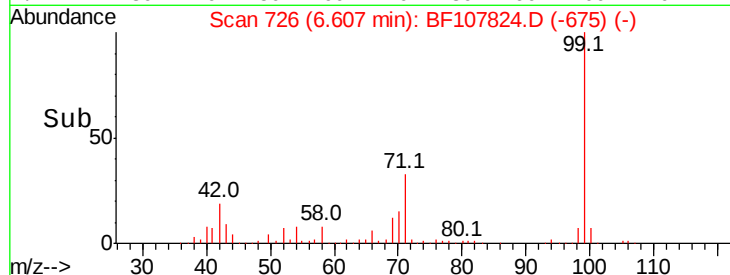
99 100

42 18.6 14.5 21.7

71 32.9 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: 25.990 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

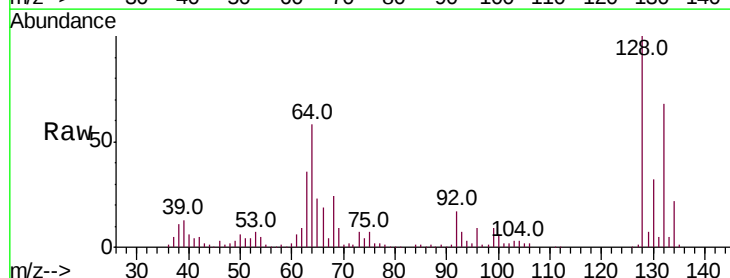
Tgt Ion: 128 Resp: 336483

Ion Ratio Lower Upper

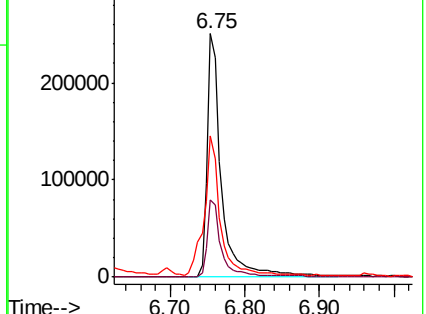
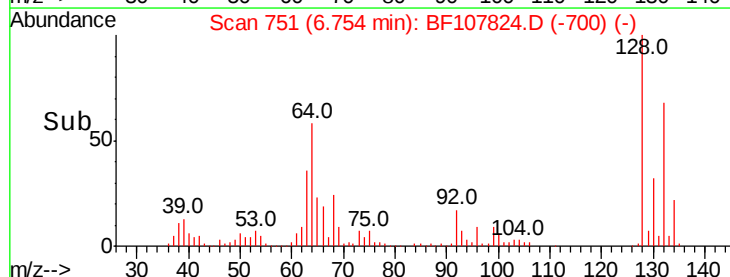
128 100

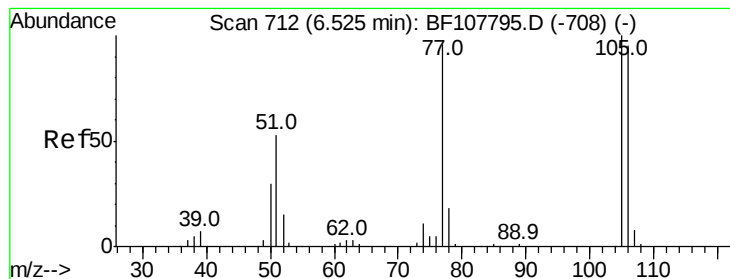
130 31.5 13.0 53.0

64 58.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.215 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampled :

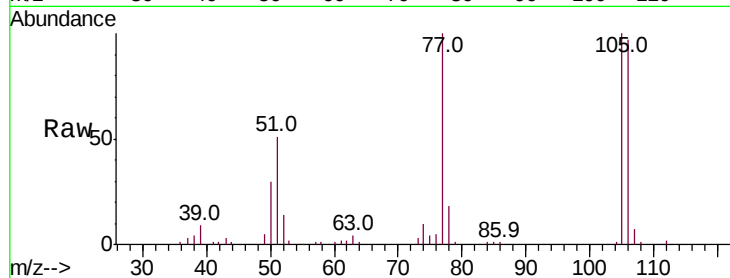
Tot Ion: 77 Resp: 141090

Ion Ratio Lower Upper

77 100

105 100.3 81.1 121.1

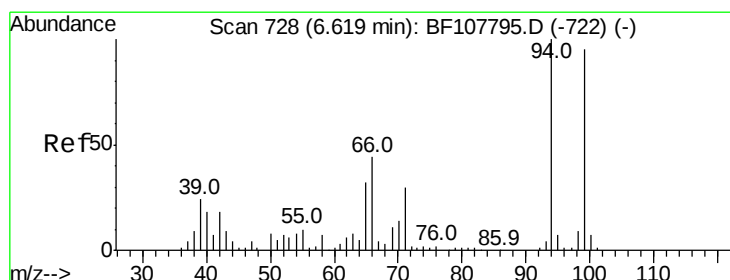
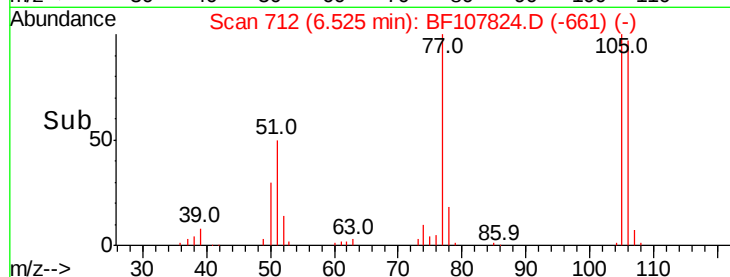
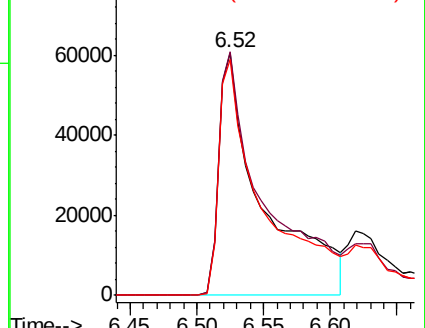
106 97.0 74.5 114.5



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: 24.277 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

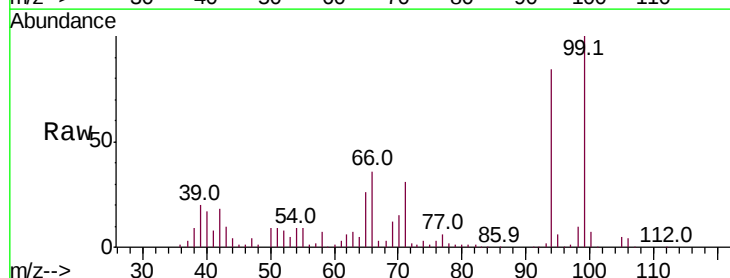
Tgt Ion: 94 Resp: 393262

Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

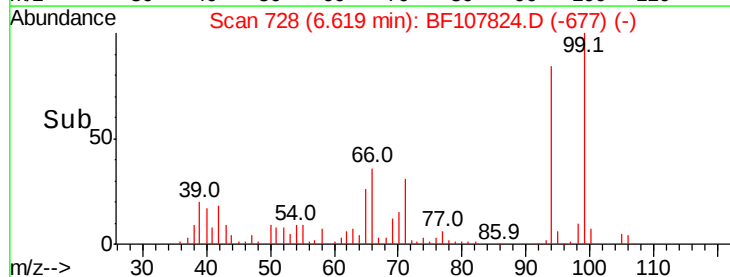
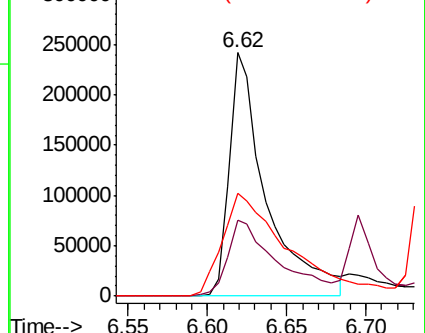
66 42.3 16.2 56.2

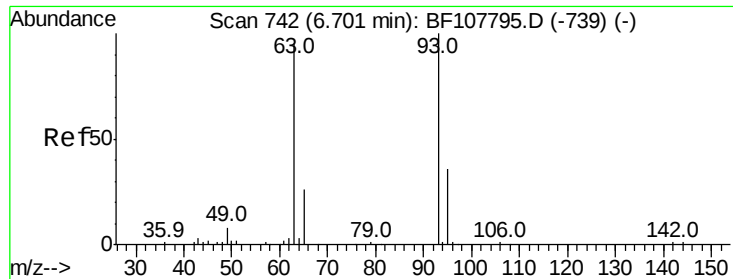


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

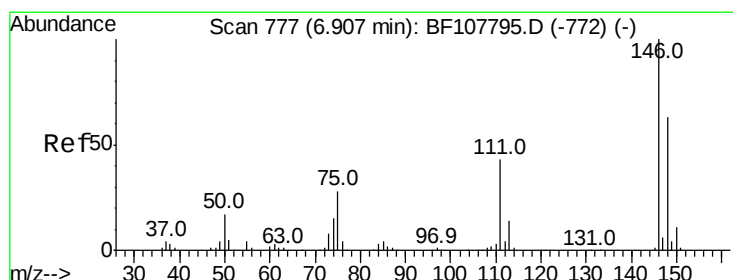
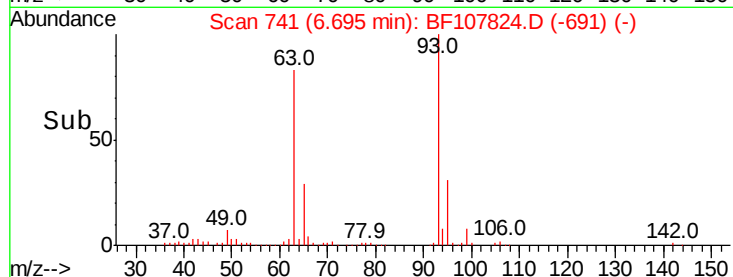
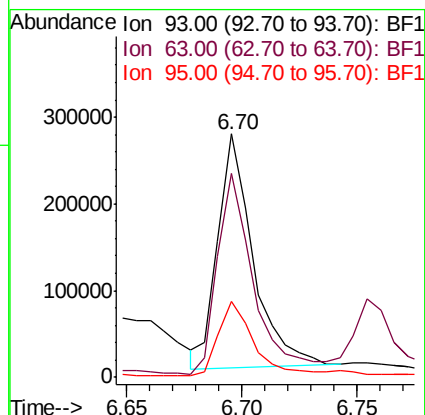
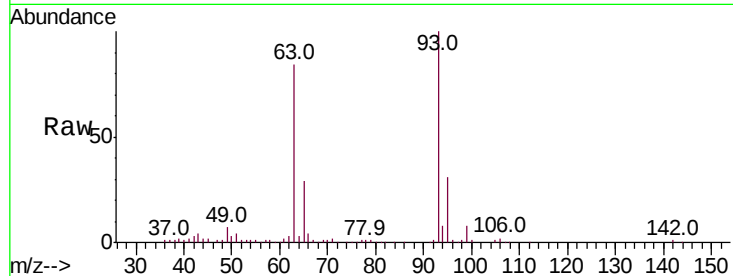




#11
bis(2-Chloroethyl)ether
Concen: 19.986 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

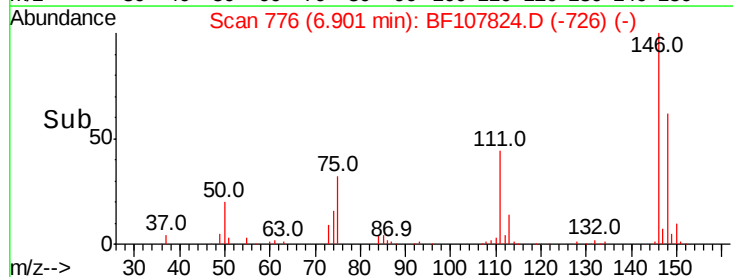
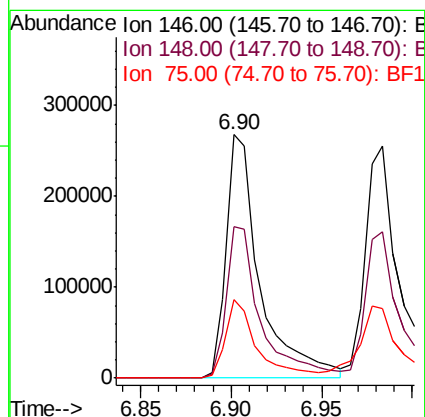
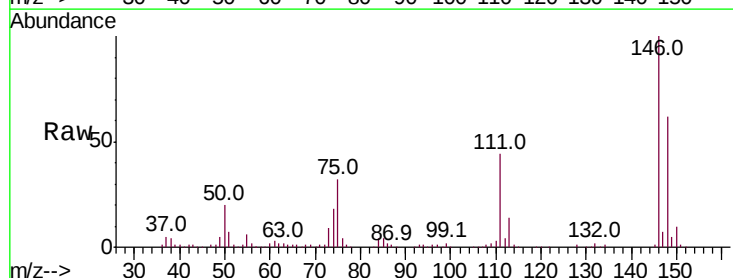
Instrument :
BNA_F
ClientSampleId :

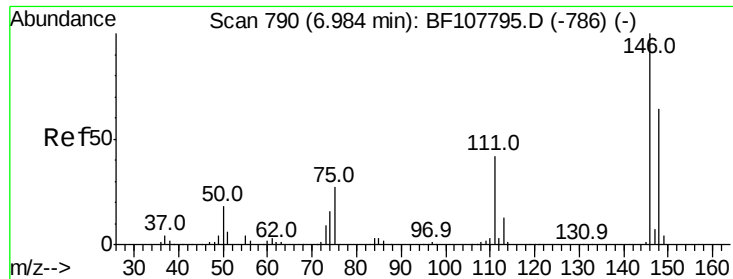
Tot Ion: 93 Resp: 287880
Ion Ratio Lower Upper
93 100
63 83.6 58.6 98.6
95 31.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 25.730 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion: 146 Resp: 349384
Ion Ratio Lower Upper
146 100
148 62.1 51.8 77.8
75 32.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 25.426 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

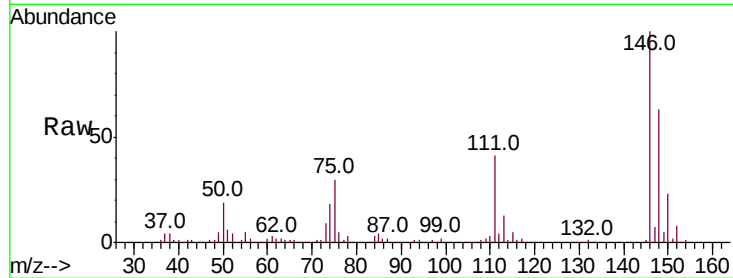
Tot Ion:146 Resp: 384322

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

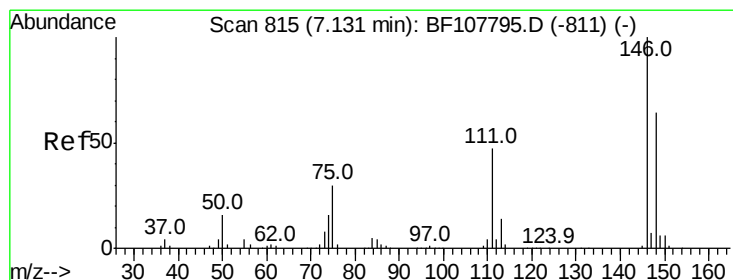
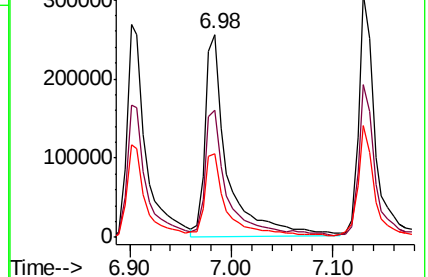
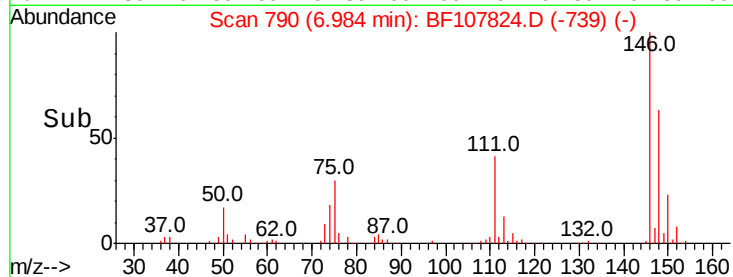
111 41.4 34.2 51.2



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: 23.772 ng

RT: 7.13 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

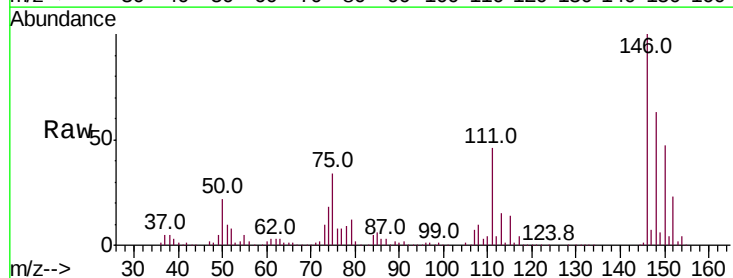
Tgt Ion:146 Resp: 333547

Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

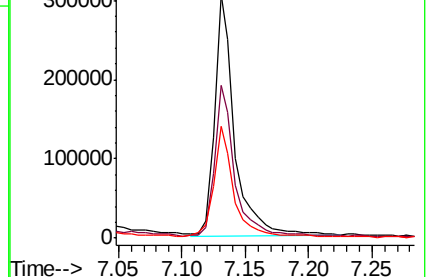
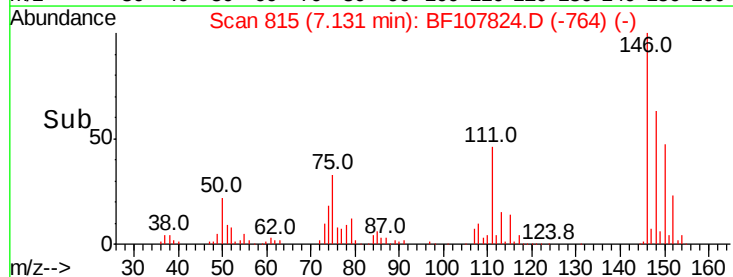
111 46.0 36.0 54.0

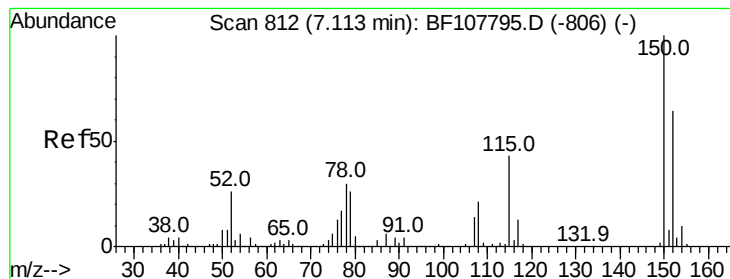


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.817 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampled :

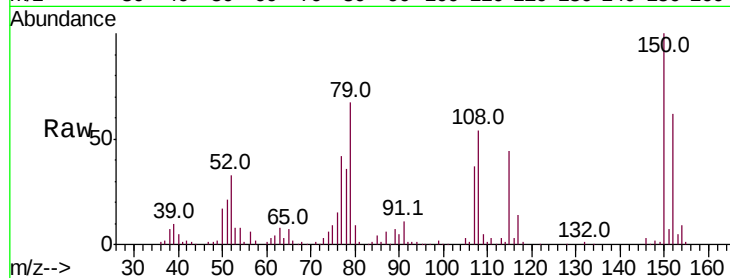
Tot Ion: 79 Resp: 226418

Ion Ratio Lower Upper

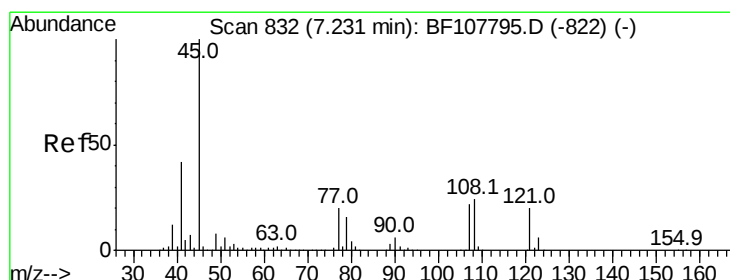
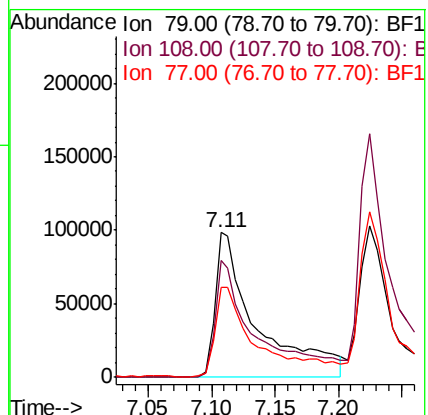
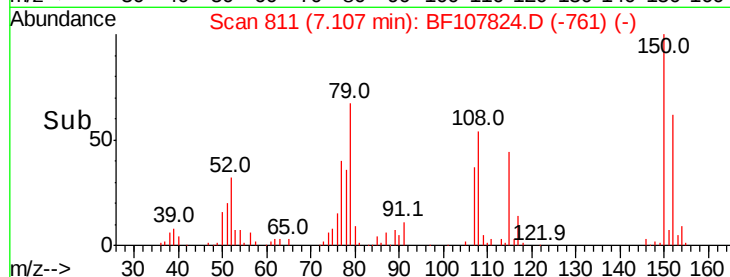
79 100

108 80.3 65.1 97.7

77 62.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.509 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

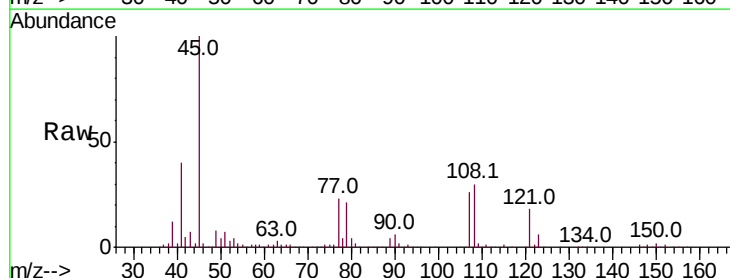
Tgt Ion: 45 Resp: 569699

Ion Ratio Lower Upper

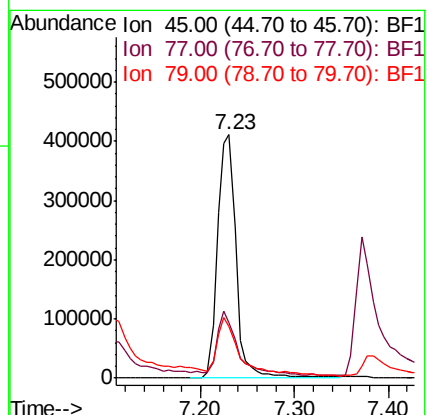
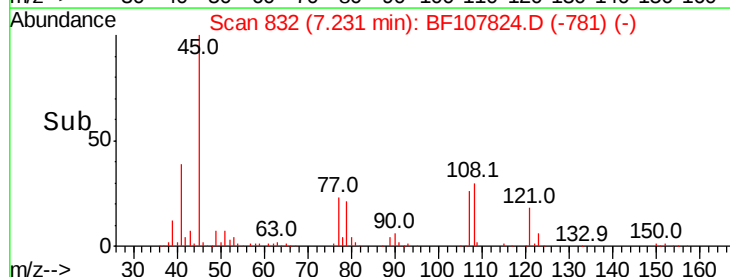
45 100

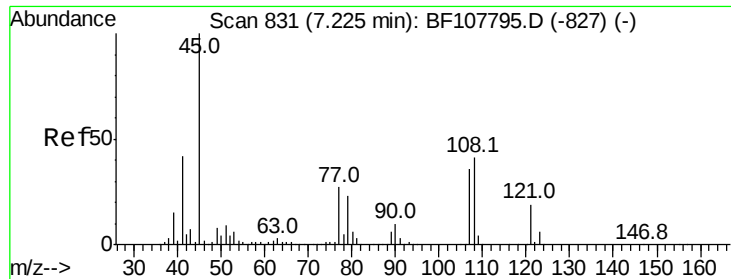
77 22.8 0.0 32.9

79 20.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

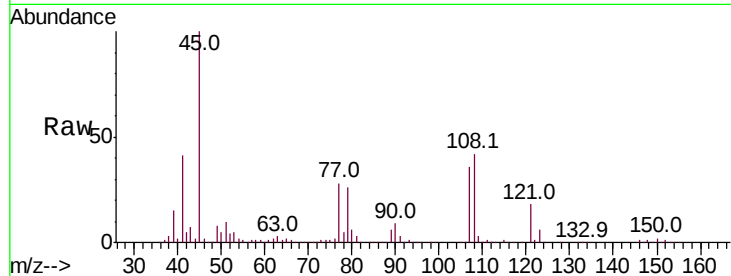




#17
2-Methylphenol
Concen: 26.373 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.7	137.5
77	78.7	33.8	50.8#
79	72.1	33.8	50.8#



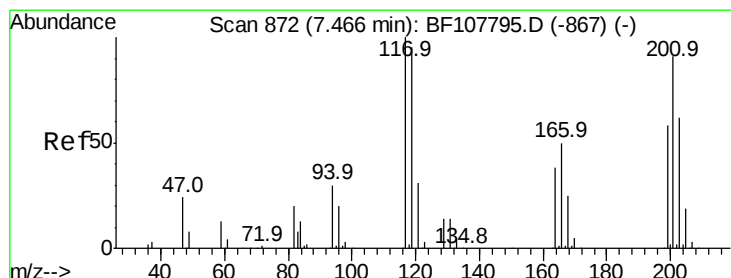
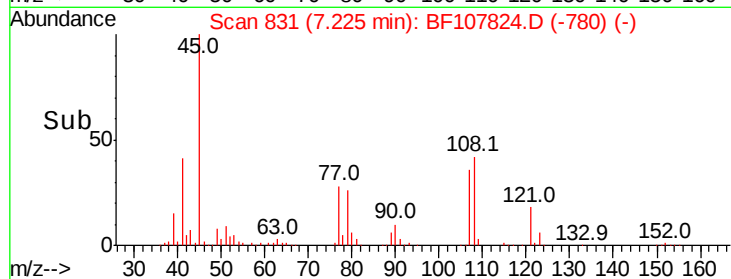
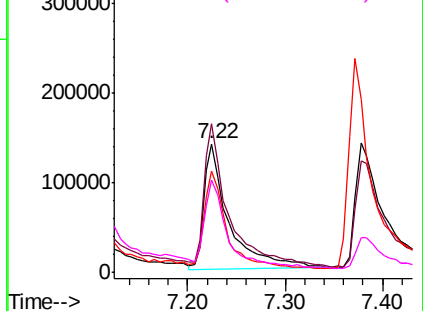
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

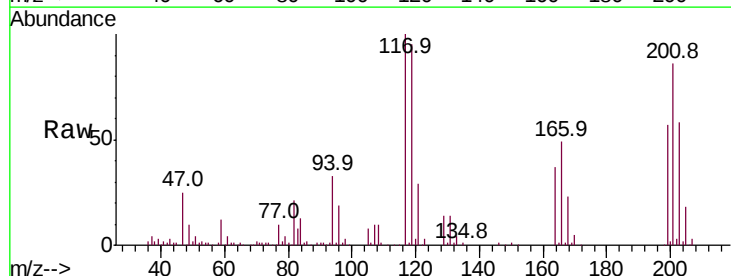
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 20.181 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	86.5	75.7	113.5

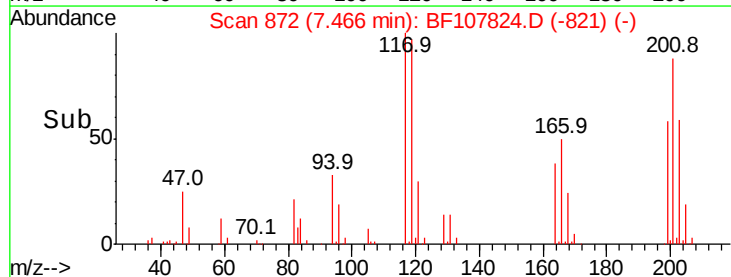
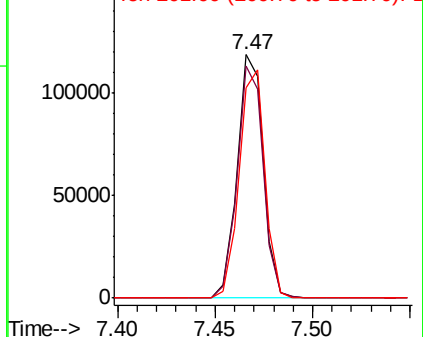


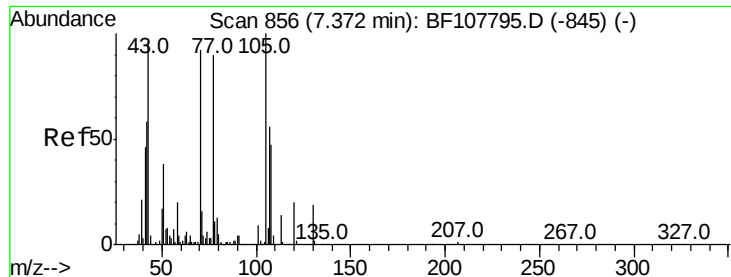
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

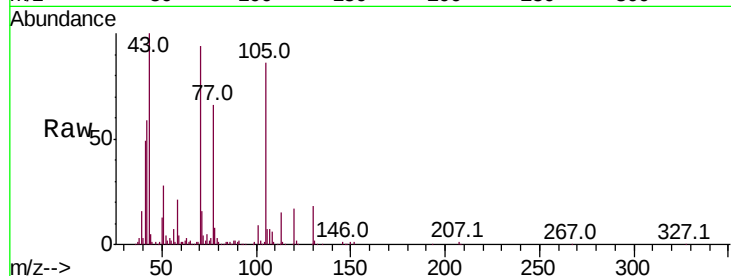




#19
n-Nitroso-di-n-propylamine
Concen: 27.689 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	238591
Ion	Ratio	Lower	Upper
70	100		
42	62.7	47.5	71.3
101	9.9	7.4	11.2
130	19.6	16.6	25.0



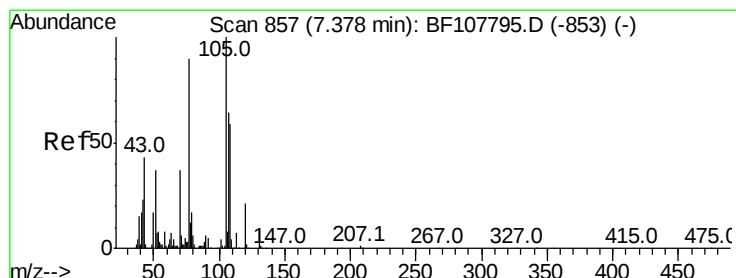
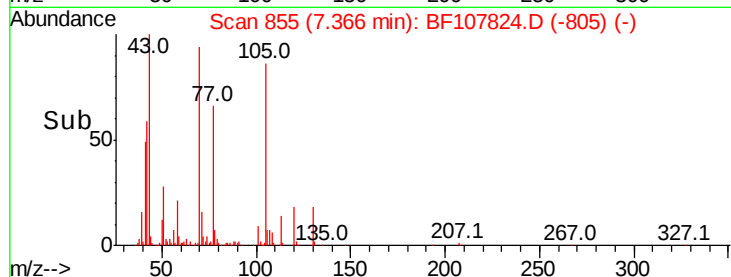
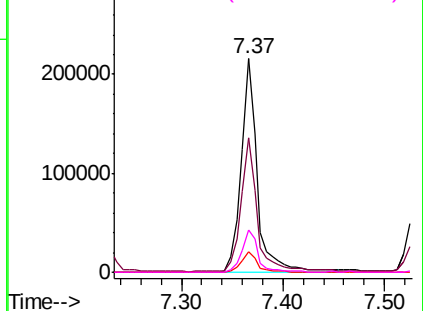
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

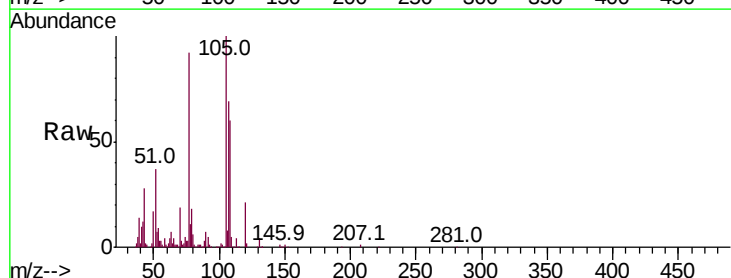
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 26.741 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:	107	Resp:	313772
Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.2	108.2
77	133.5	26.7	66.7#
79	26.5	6.3	46.3



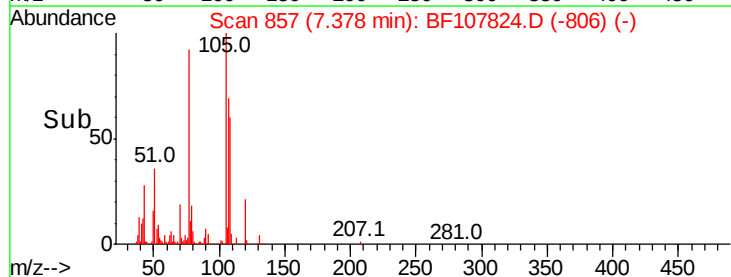
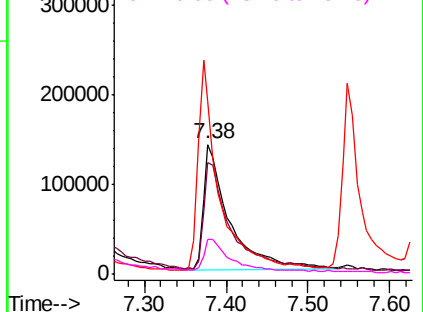
Abundance

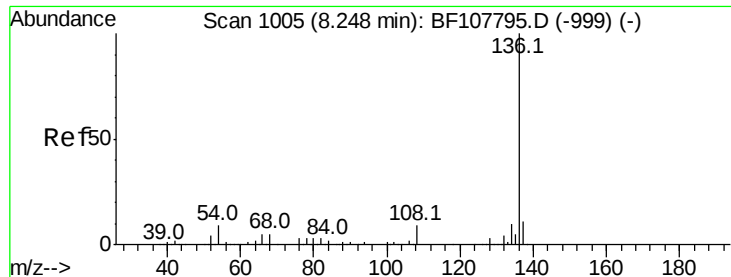
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 687640

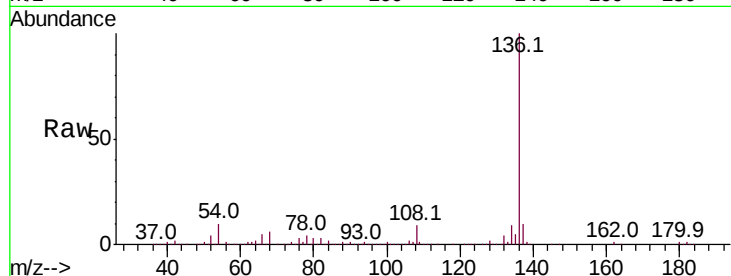
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.5 6.6 9.8

68 6.3 5.0 7.4

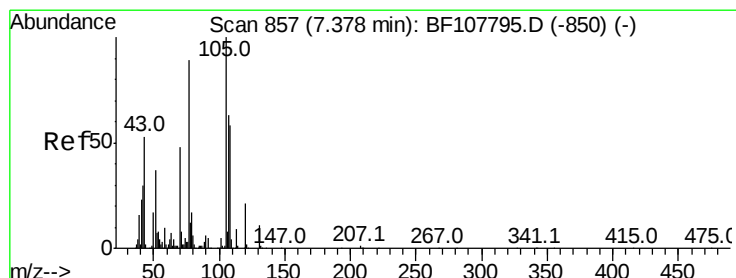
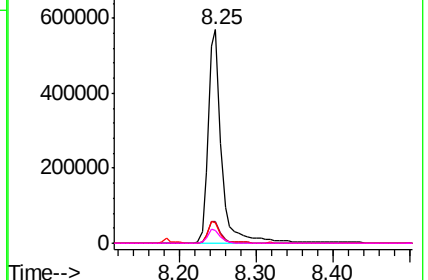
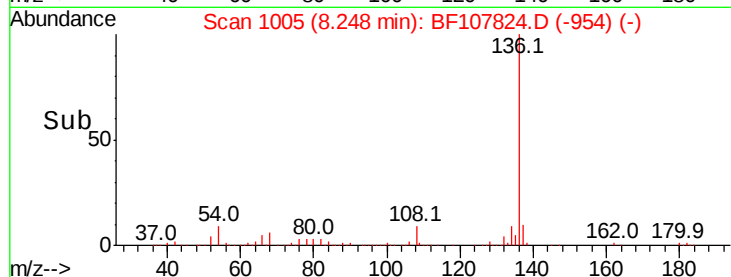


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 29.370 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Tgt Ion:105 Resp: 485891

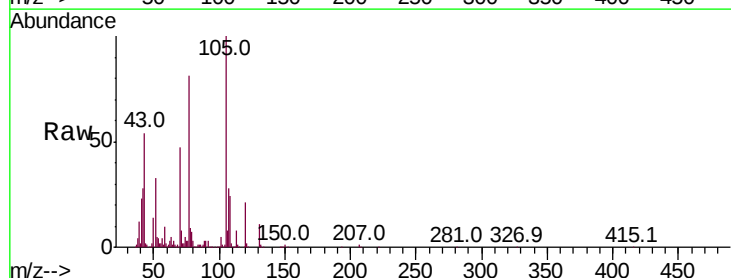
Ion Ratio Lower Upper

105 100

71 8.2 4.4 6.6#

51 33.3 22.3 33.5

120 20.9 16.9 25.3

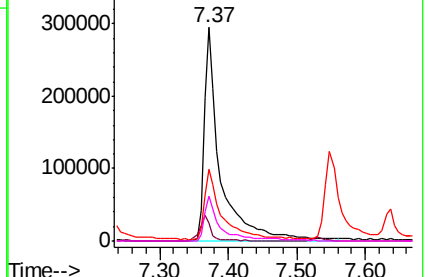
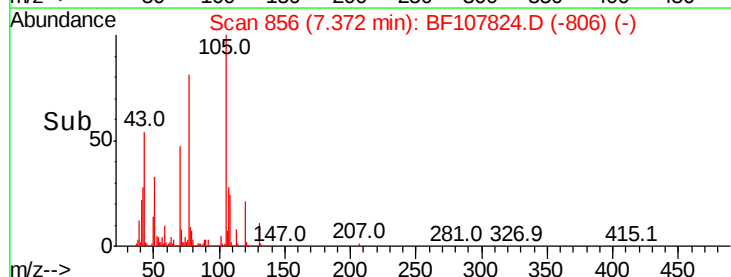


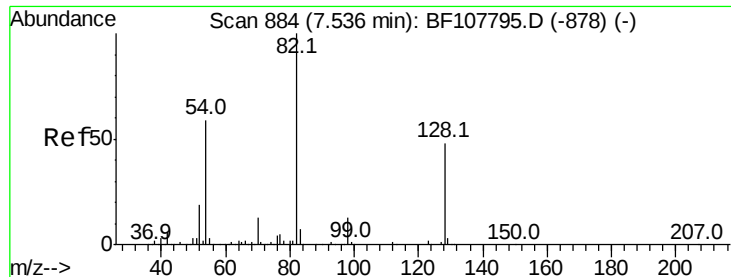
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 57.952 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampled :

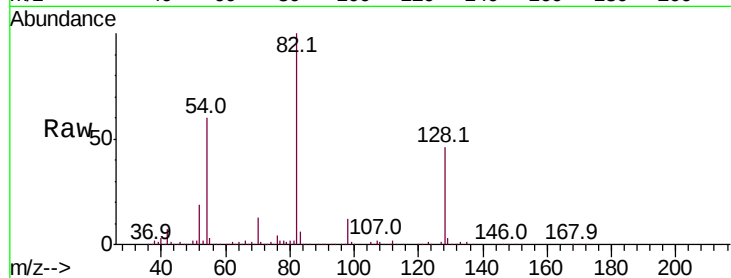
Tot Ion: 82 Resp: 691722

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

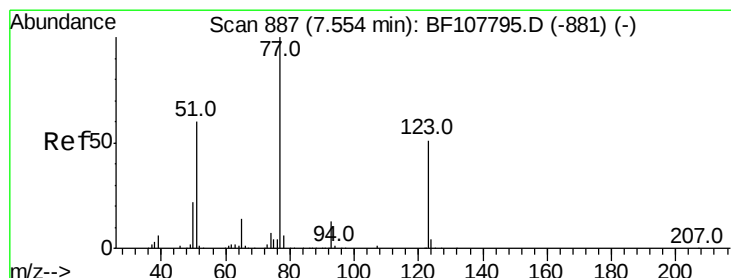
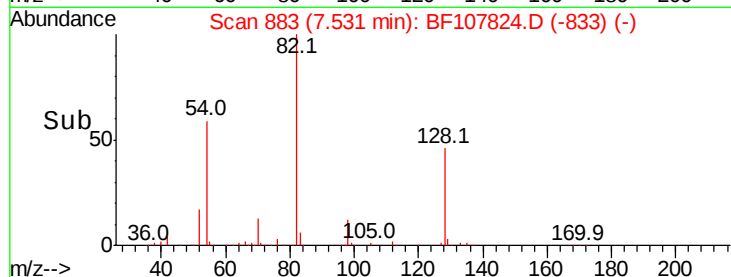
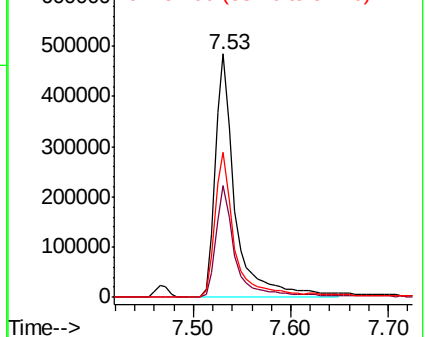
54 59.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 25.761 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

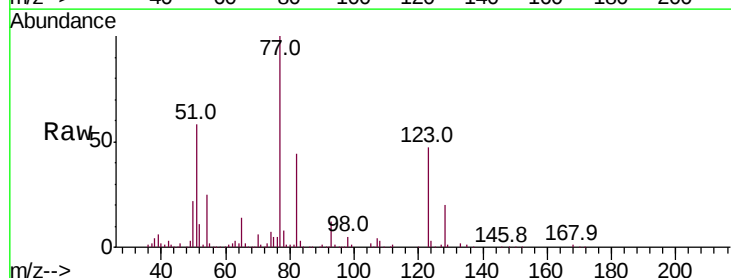
Tgt Ion: 77 Resp: 322425

Ion Ratio Lower Upper

77 100

123 47.0 37.9 56.9

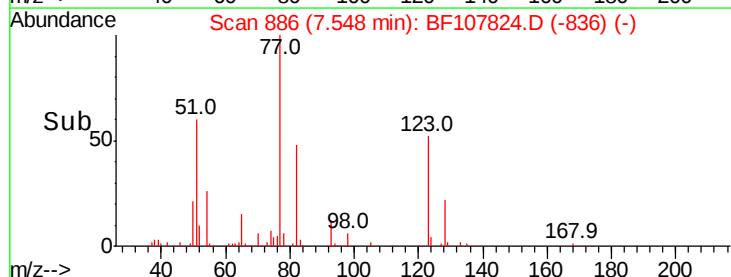
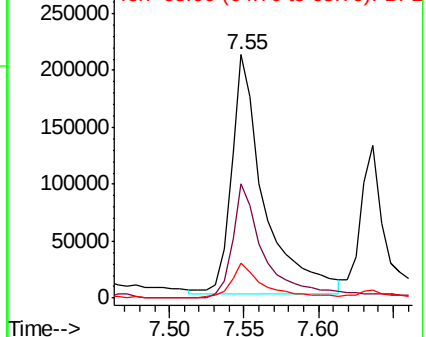
65 14.2 11.0 16.4

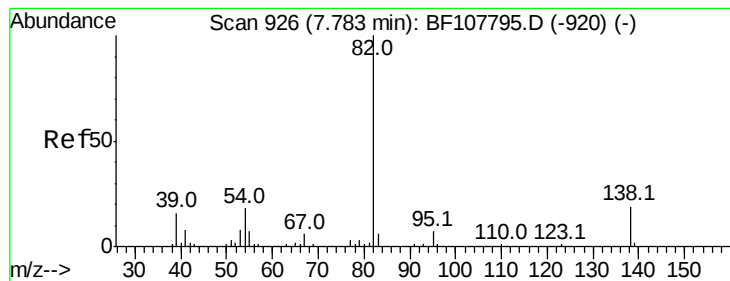


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 31.985 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

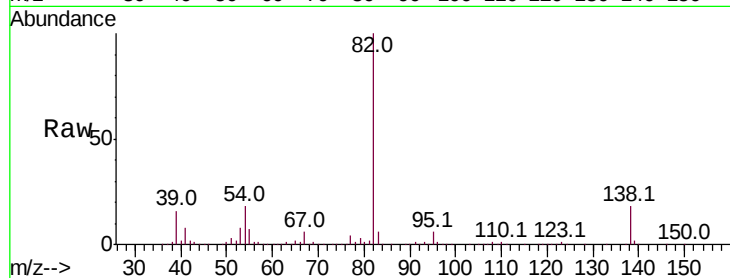
Tot Ion: 82 Resp: 626671

Ion Ratio Lower Upper

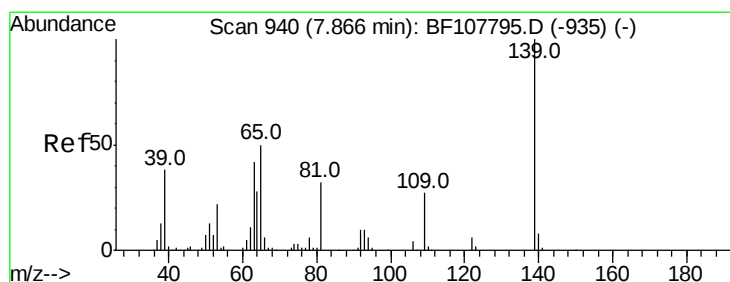
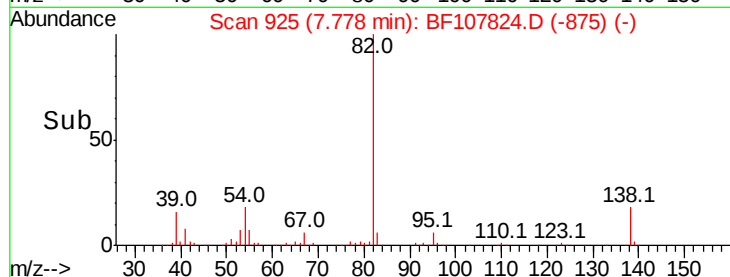
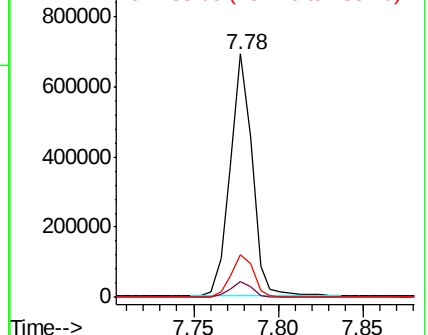
82 100

95 6.5 5.2 7.8

138 17.8 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: 23.454 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

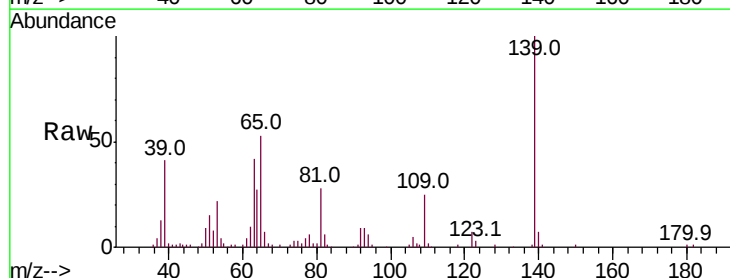
Tgt Ion: 139 Resp: 147321

Ion Ratio Lower Upper

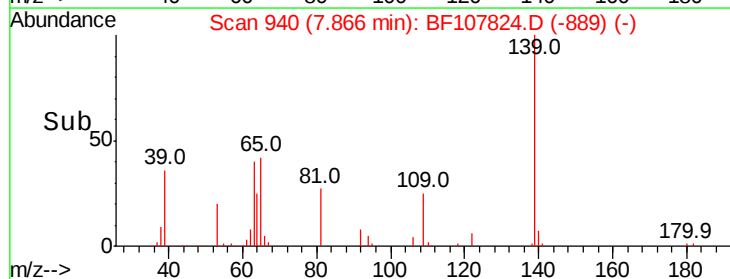
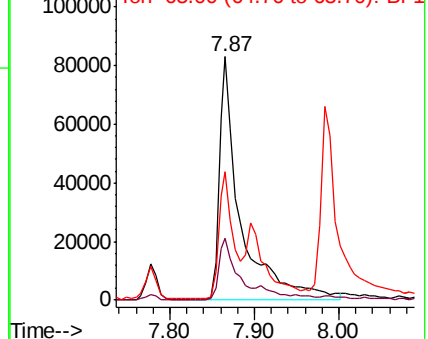
139 100

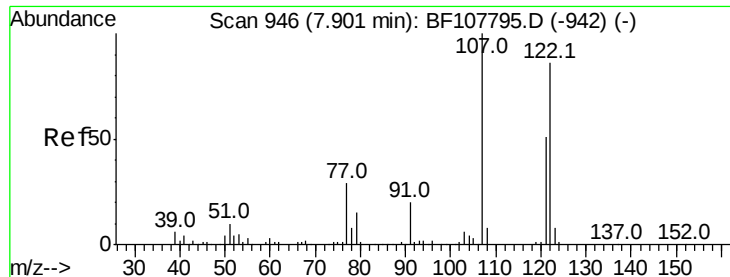
109 25.4 22.7 34.1

65 52.7 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

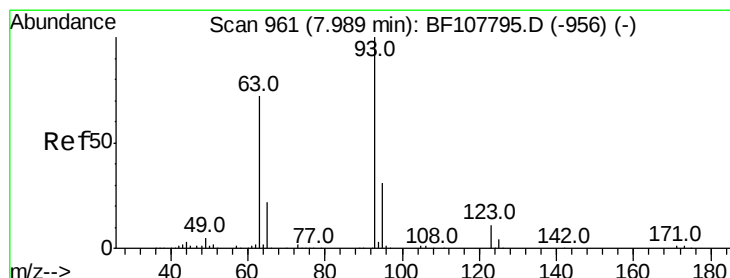
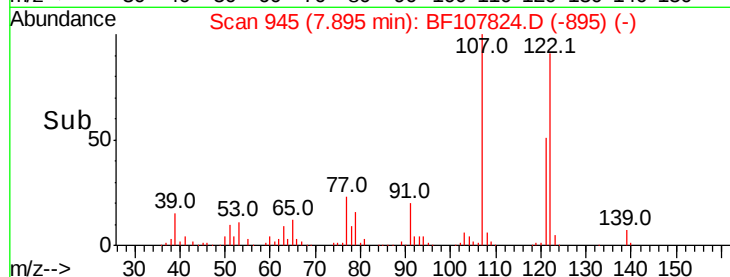
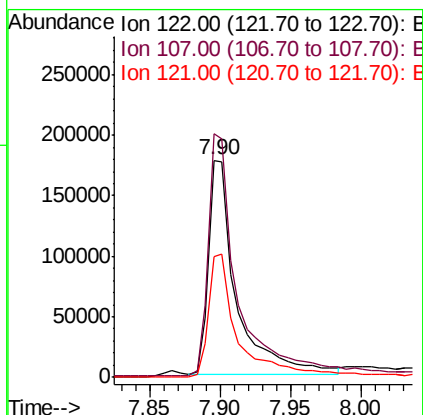
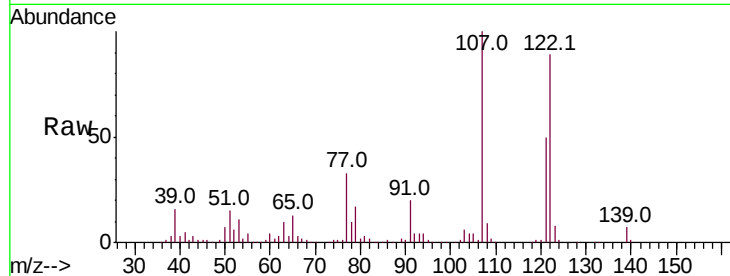




#27
2,4-Dimethylphenol
Concen: 29.431 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

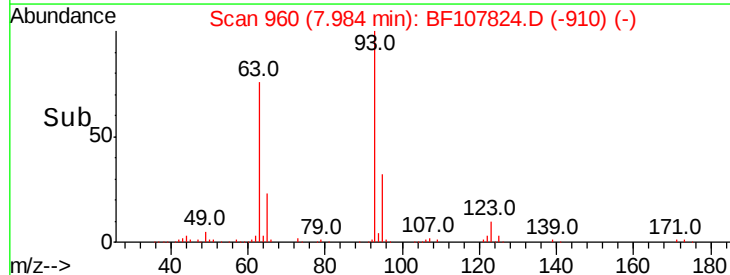
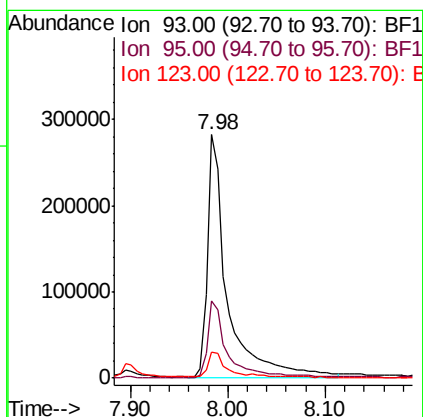
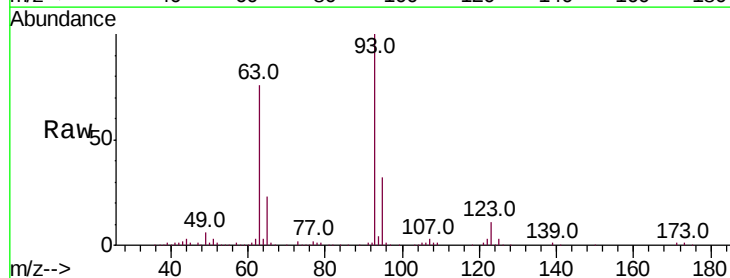
Instrument :
BNA_F
ClientSampleId :

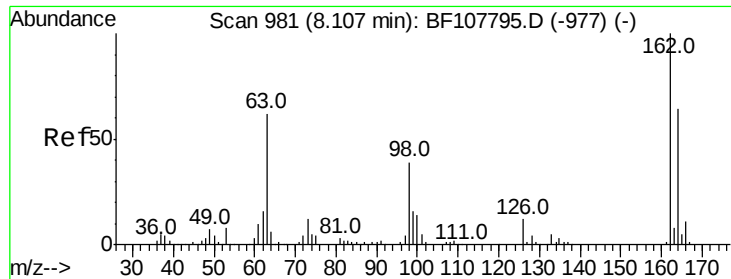
Tot Ion:122 Resp: 247504
Ion Ratio Lower Upper
122 100
107 112.1 91.2 136.8
121 55.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 30.525 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion: 93 Resp: 394137
Ion Ratio Lower Upper
93 100
95 31.8 26.3 39.5
123 10.6 9.8 14.6

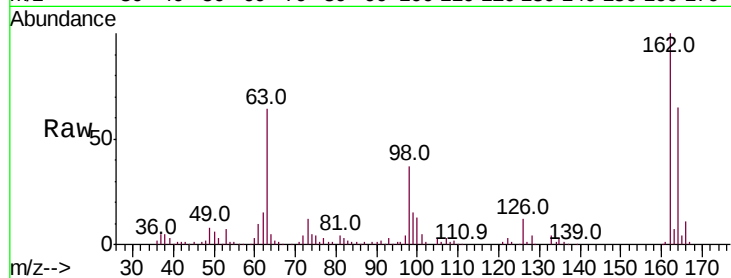




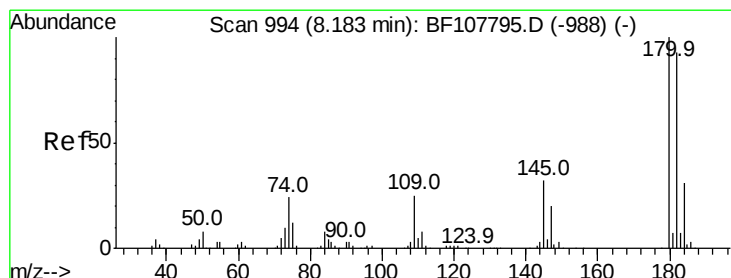
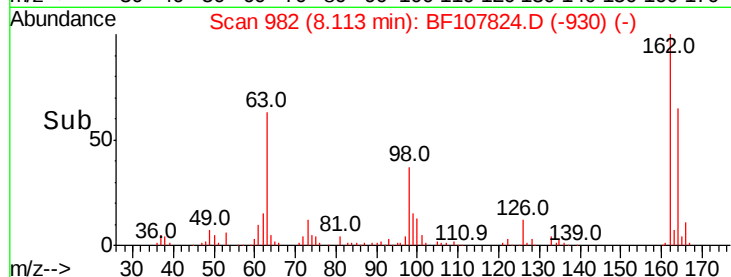
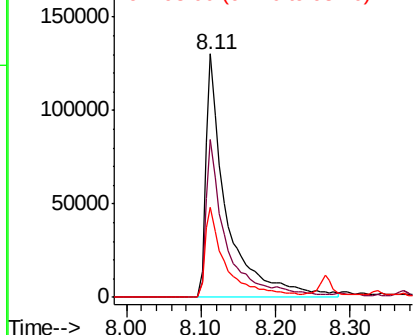
#29
2,4-Dichlorophenol
Concen: 26.430 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 251412
Ion Ratio Lower Upper
162 100
164 64.8 42.7 82.7
98 37.0 18.1 58.1

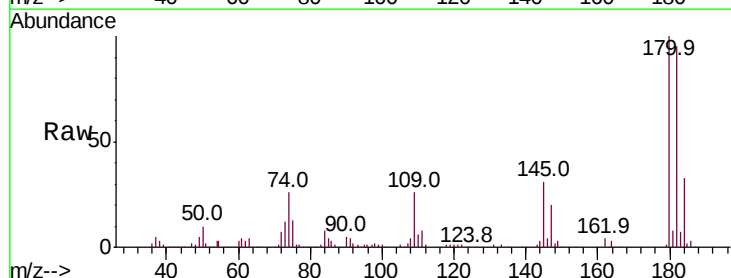


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

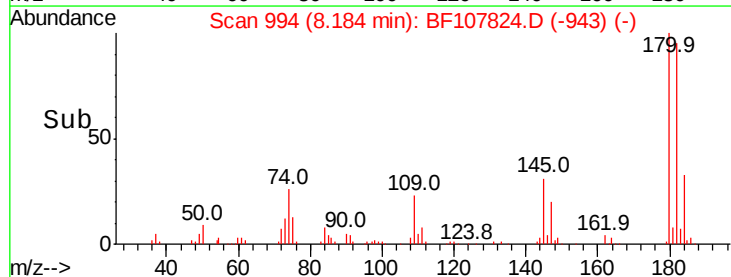
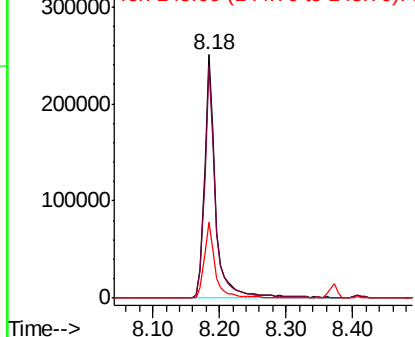


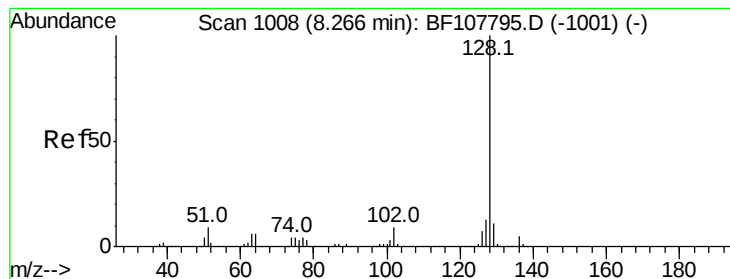
#30
1,2,4-Trichlorobenzene
Concen: 26.543 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:180 Resp: 288044
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 31.1 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.087 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

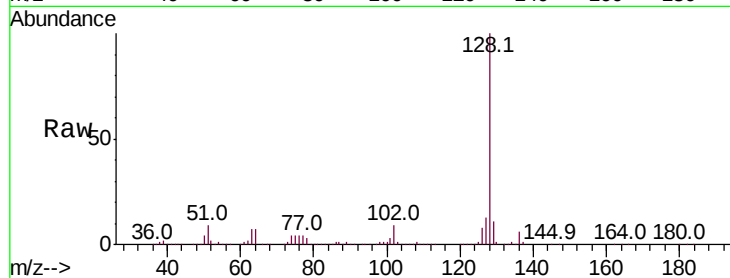
Tot Ion:128 Resp: 961704

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.2 10.9 16.3

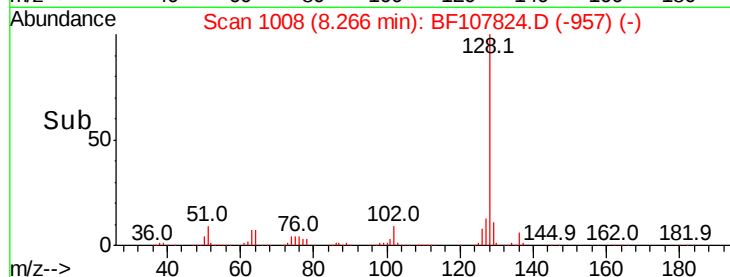


Abundance Ion 128.00 (127.70 to 128.70): E

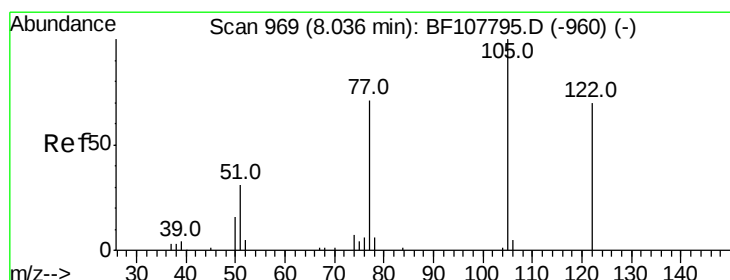
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

8.27



Time-->



#32

Benzoic acid

Concen: 43.631 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.14 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

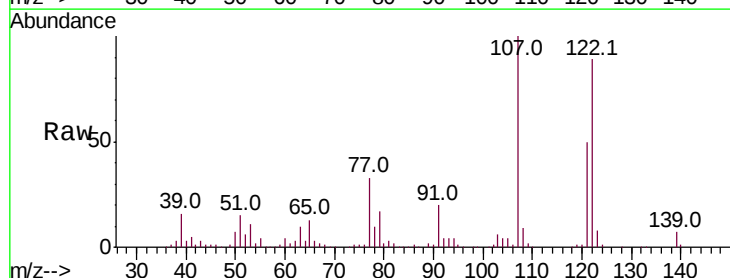
Tgt Ion:122 Resp: 247504

Ion Ratio Lower Upper

122 100

105 4.1 101.1 141.1#

77 36.6 70.7 110.7#

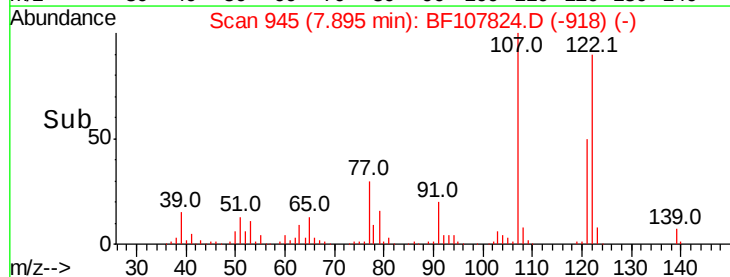


Abundance Ion 122.00 (121.70 to 122.70): E

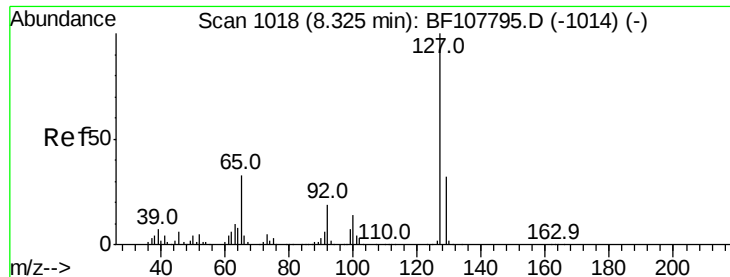
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

7.90



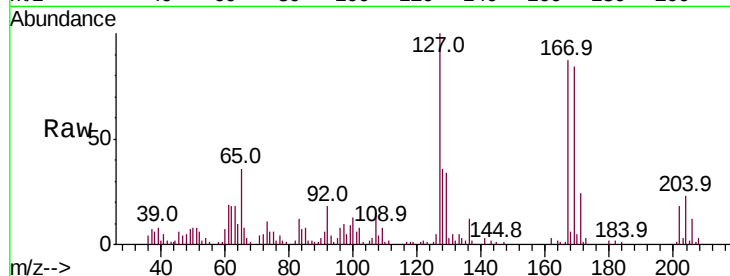
Time-->



#33
4-Chloroaniline
Concen: 12.430 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	169713
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	36.0	25.0	37.4
92	17.6	15.2	22.8



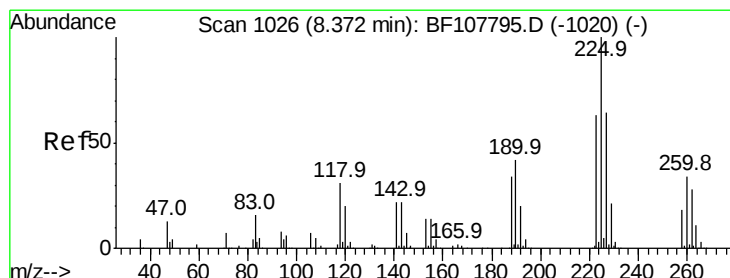
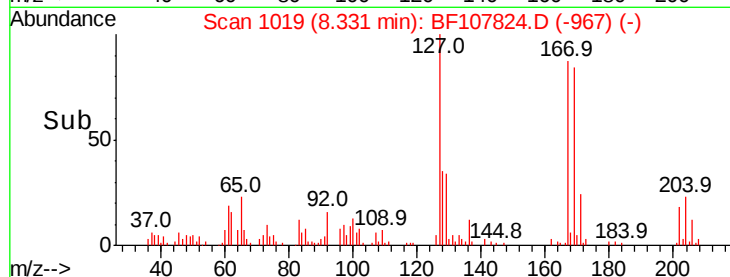
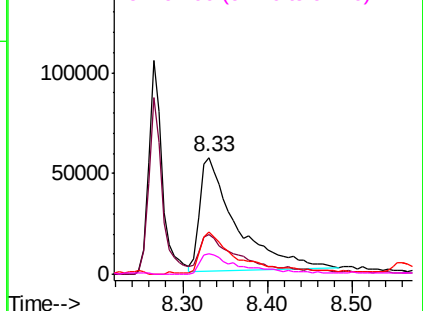
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

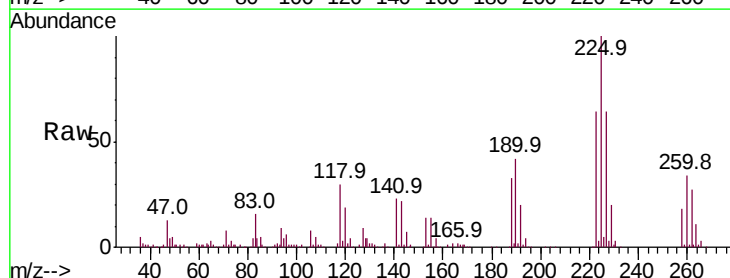
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 25.317 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:	225	Resp:	169777
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.4	51.9	77.9

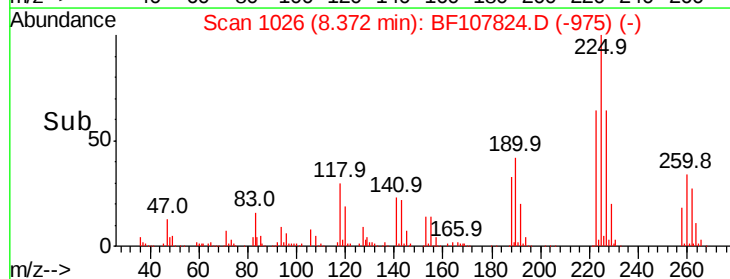
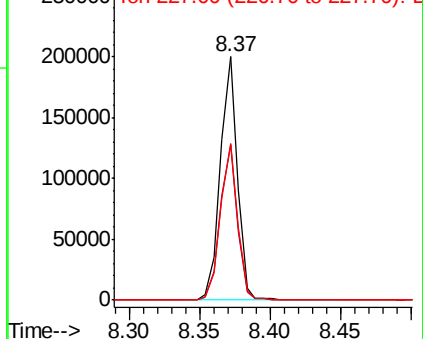


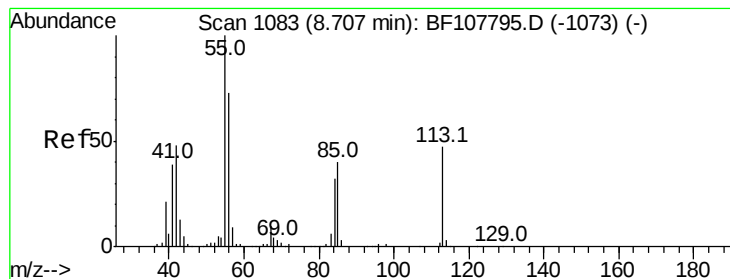
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.265 ng

RT: 8.68 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

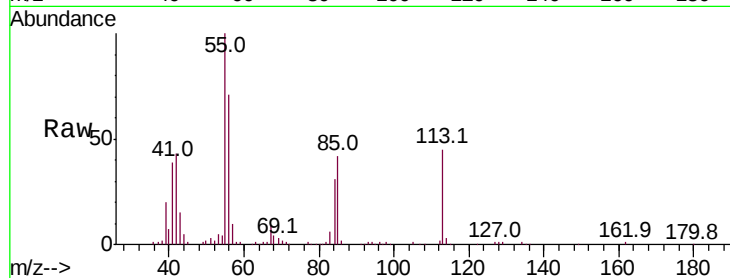
Tot Ion:113 Resp: 72350

Ion Ratio Lower Upper

113 100

55 220.1 163.3 203.3#

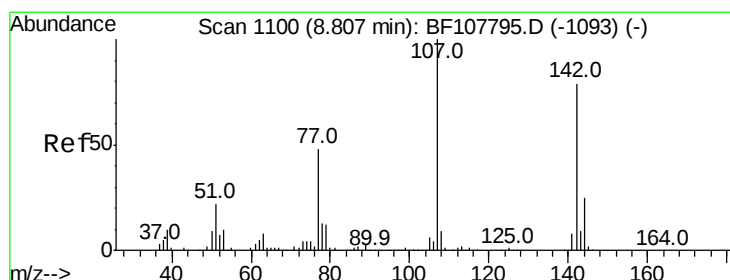
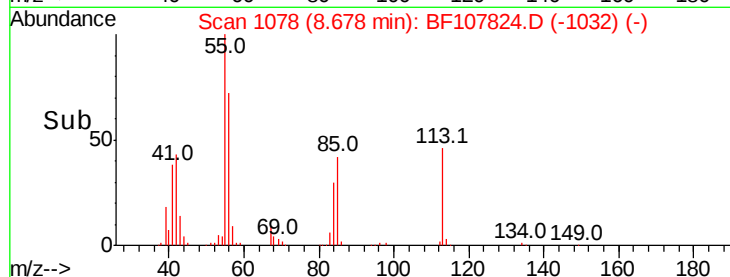
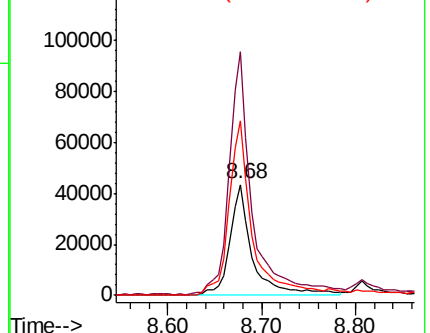
56 157.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 25.633 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

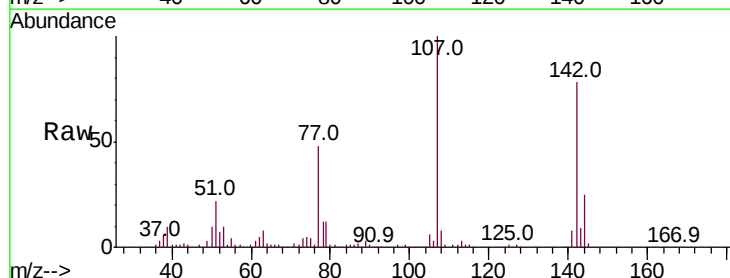
Tgt Ion:107 Resp: 264812

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

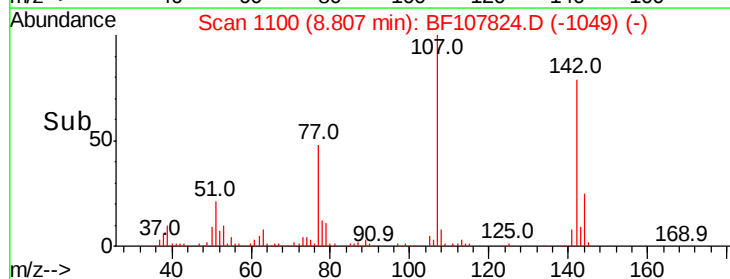
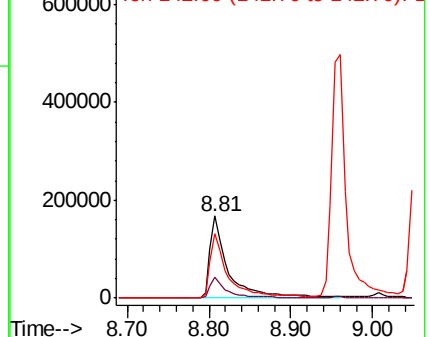
142 78.4 62.0 93.0

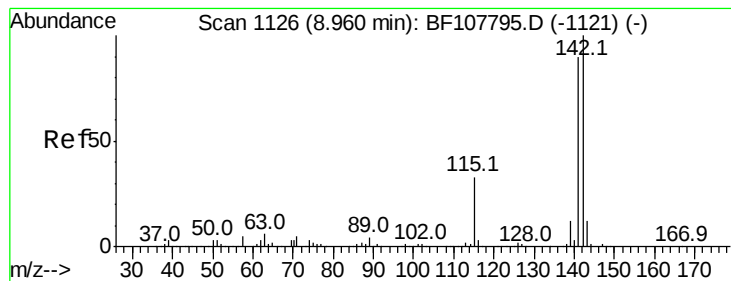


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

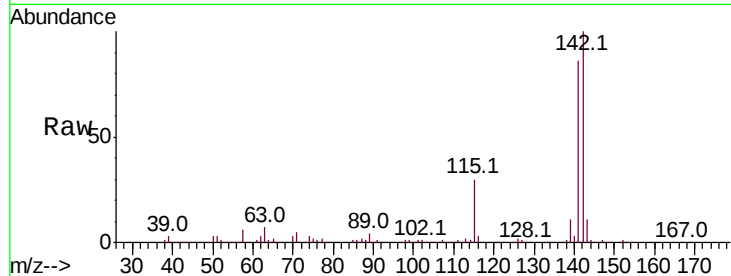




#37
2-Methylnaphthalene
Concen: 30.243 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.8	106.2
115	30.3	26.1	39.1

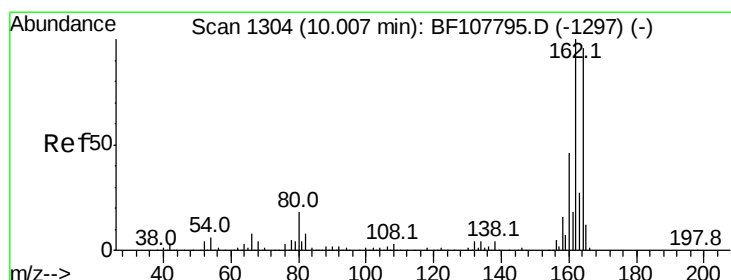
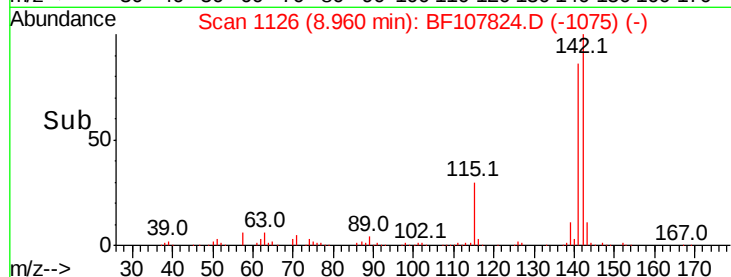
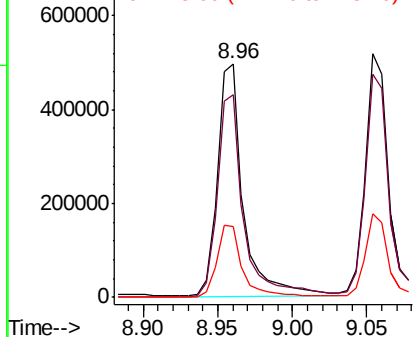


Abundance

Ion 142.00 (141.70 to 142.70): E

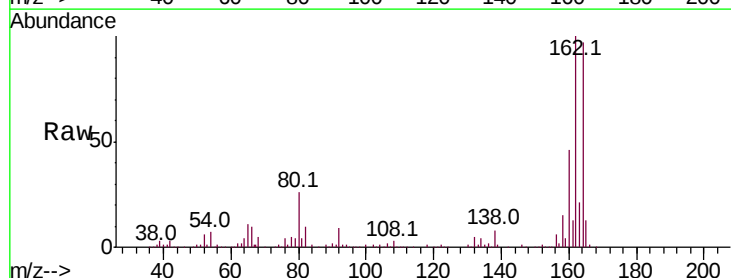
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.3	38.3	57.5

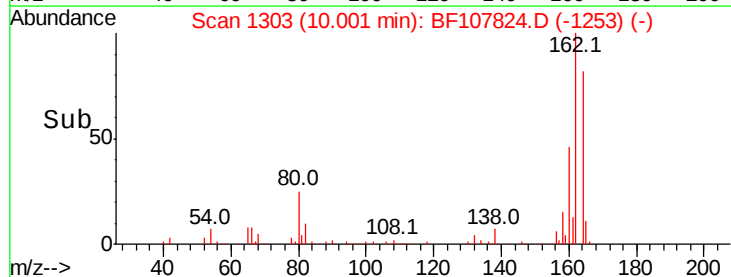
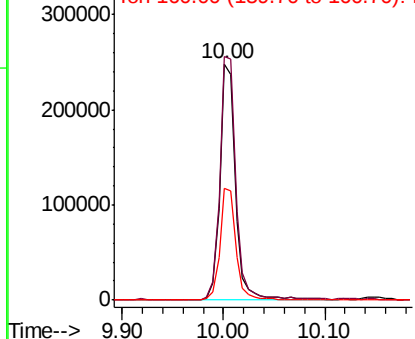


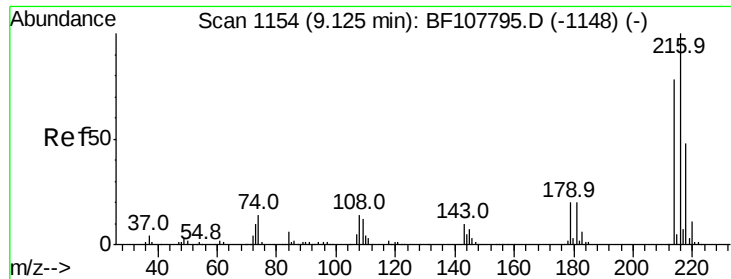
Abundance

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

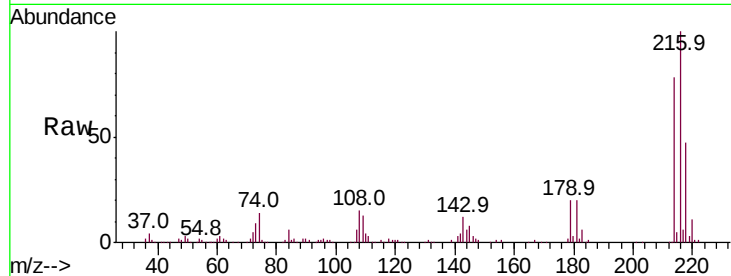




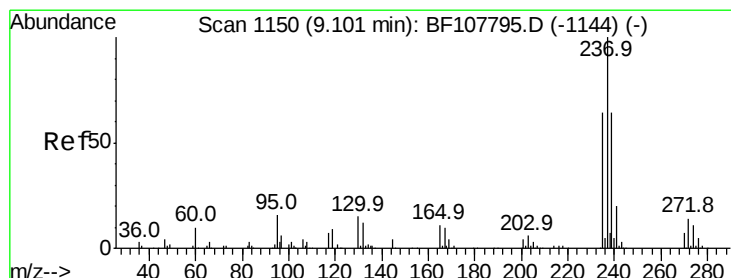
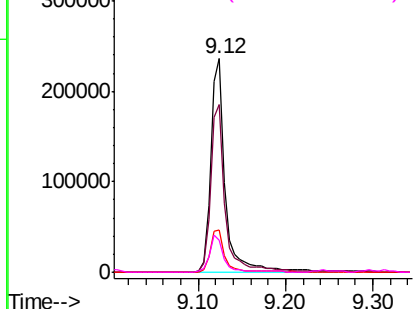
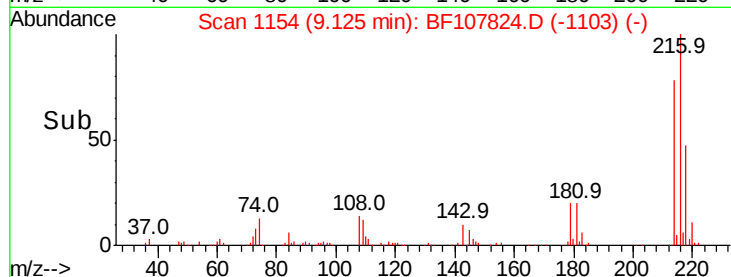
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.085 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF107824.D
 Acq: 31 Jul 2018 2:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	273295
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.0	94.4
179	20.9	18.1	27.1
108	16.7	17.2	25.8#

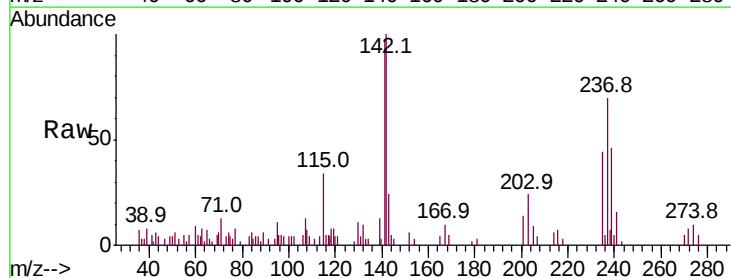


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

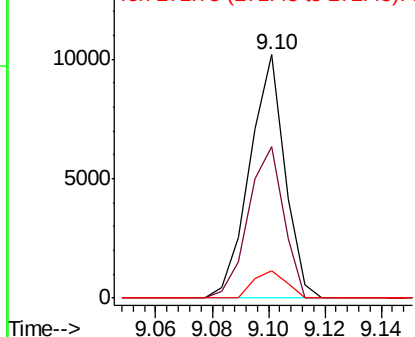
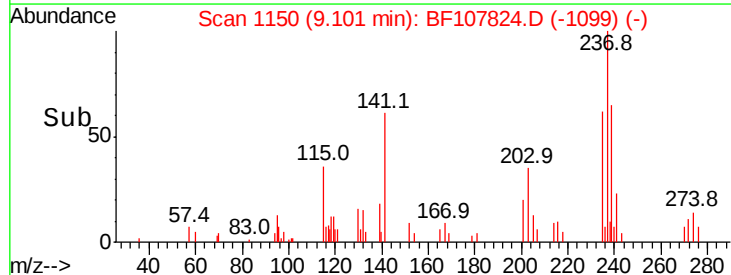


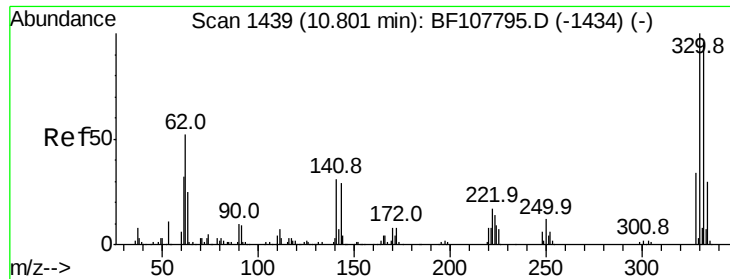
#40
 Hexachlorocyclopentadiene
 Concen: 9.459 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107824.D
 Acq: 31 Jul 2018 2:07

Tgt Ion:	237	Resp:	8810
Ion Ratio	Lower	Upper	
237	100		
235	62.4	44.8	84.8
272	11.2	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

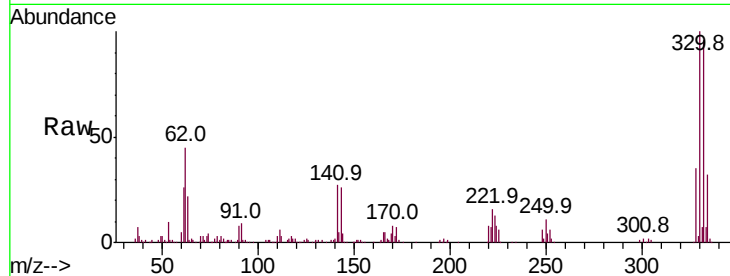




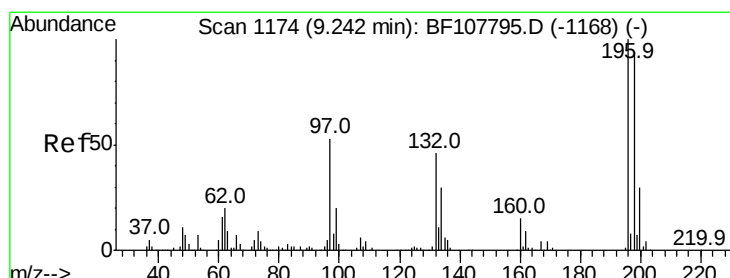
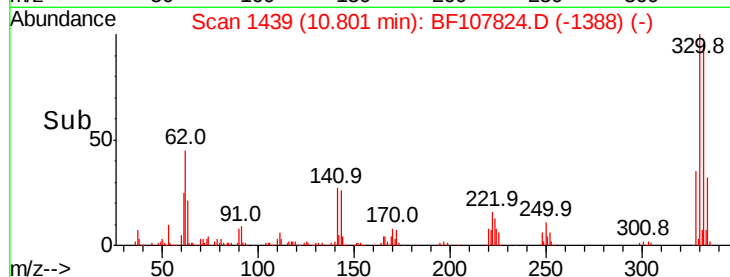
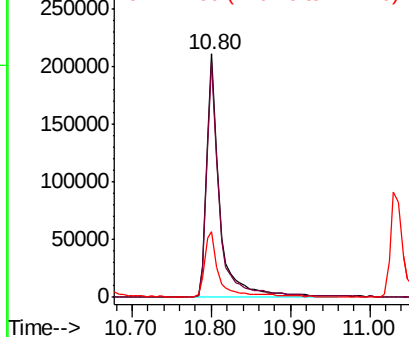
#41
 2,4,6-Tribromophenol
 Concen: 68.471 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107824.D
 Acq: 31 Jul 2018 2:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	27.3	29.9	44.9#

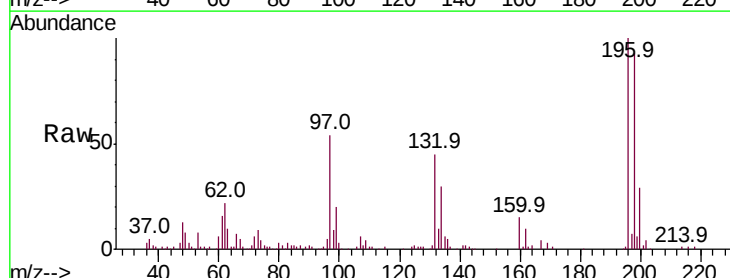


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

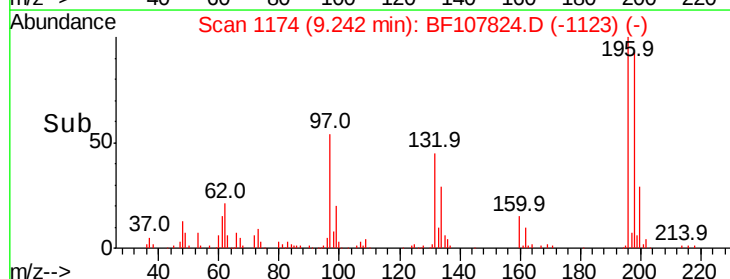
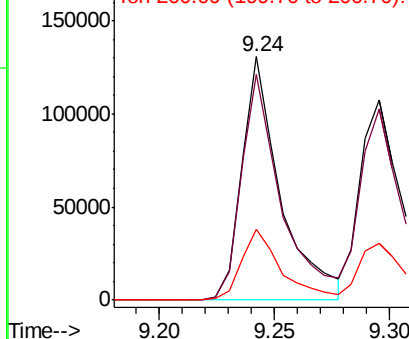


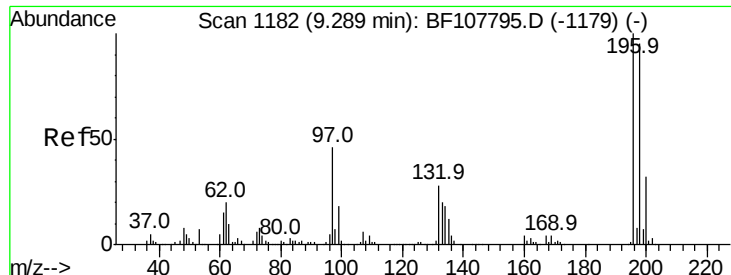
#42
 2,4,6-Trichlorophenol
 Concen: 30.417 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107824.D
 Acq: 31 Jul 2018 2:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	75.7	113.5
200	29.0	24.5	36.7



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

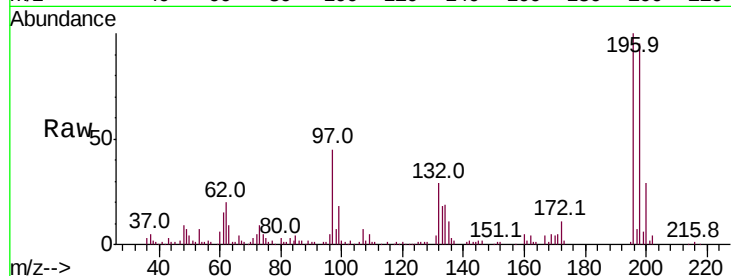




#43
 2,4,5-Trichlorophenol
 Concen: 27.754 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF107824.D
 Acq: 31 Jul 2018 2:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.6	112.0
97	45.1	42.9	64.3
132	29.1	26.3	39.5



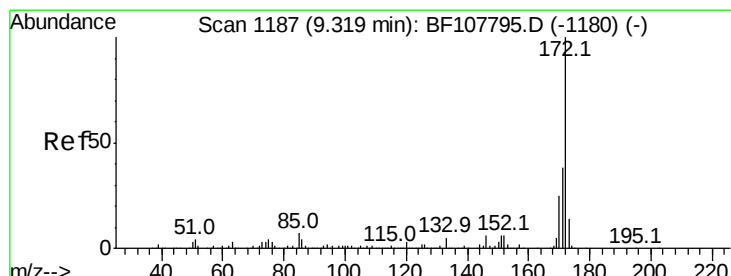
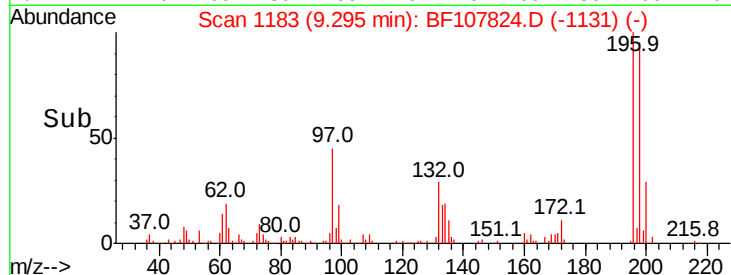
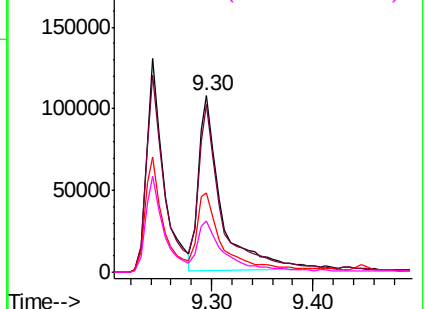
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

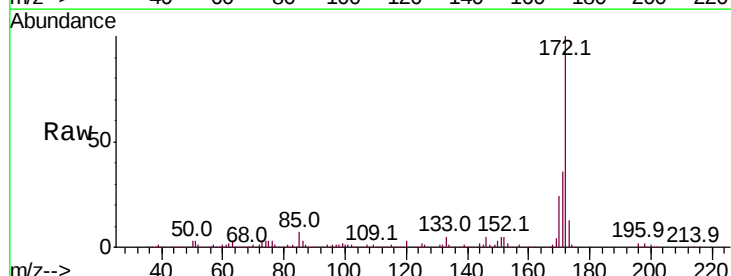
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.348 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107824.D
 Acq: 31 Jul 2018 2:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.5	19.6	29.4

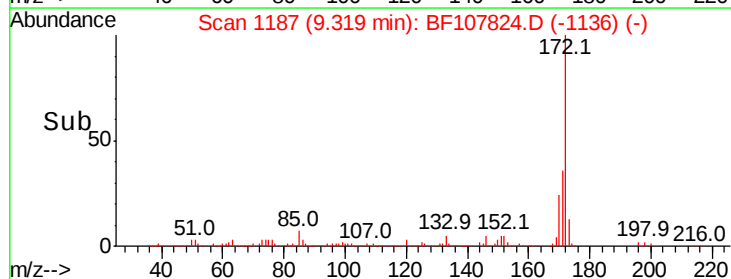
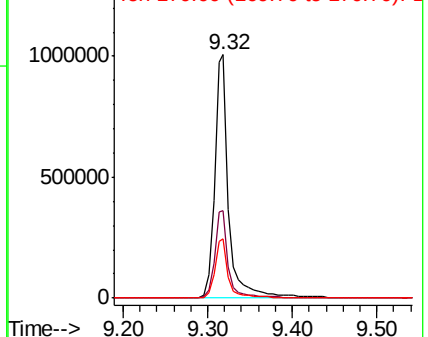


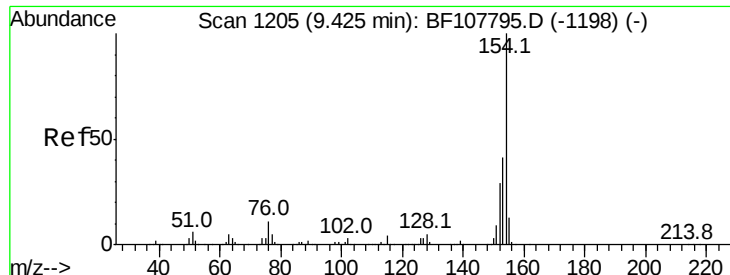
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 30.896 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

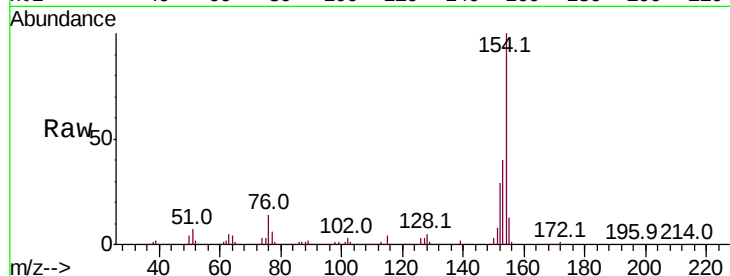
Tot Ion:154 Resp: 749134

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

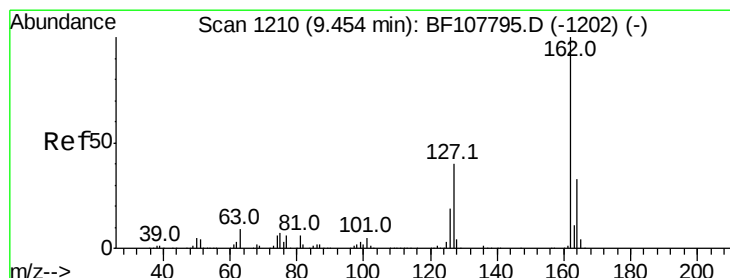
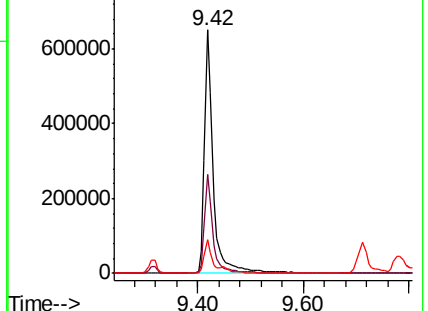
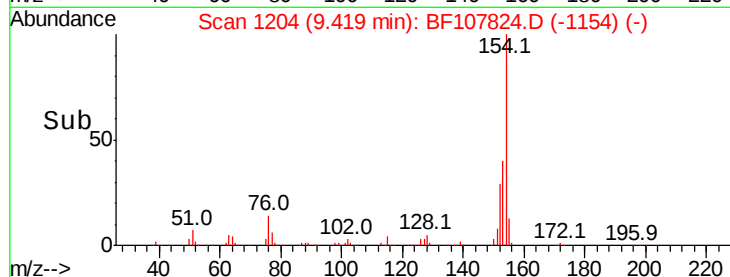
76 13.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 28.641 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

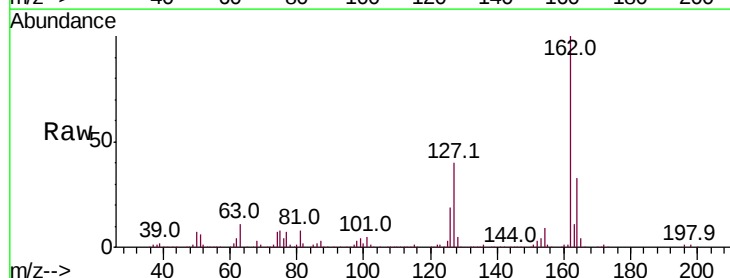
Tgt Ion:162 Resp: 523692

Ion Ratio Lower Upper

162 100

127 39.6 33.9 50.9

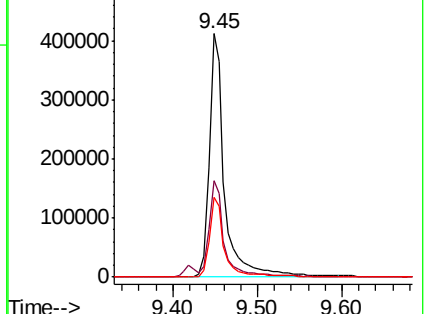
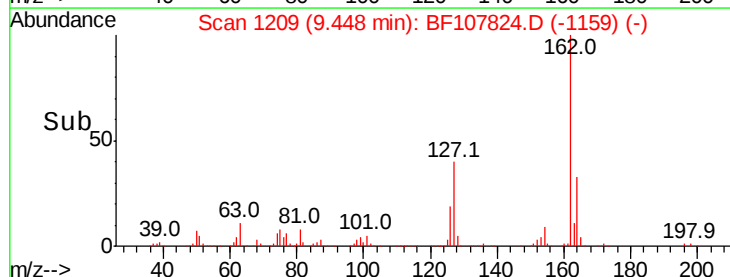
164 32.6 26.5 39.7

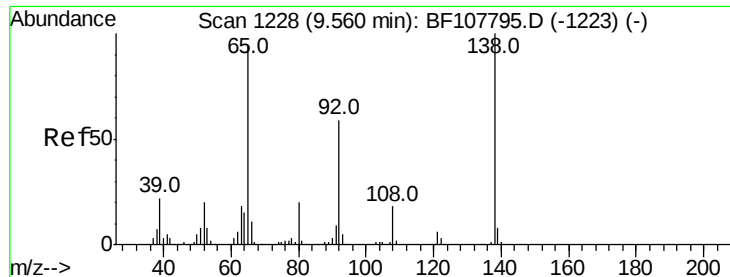


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

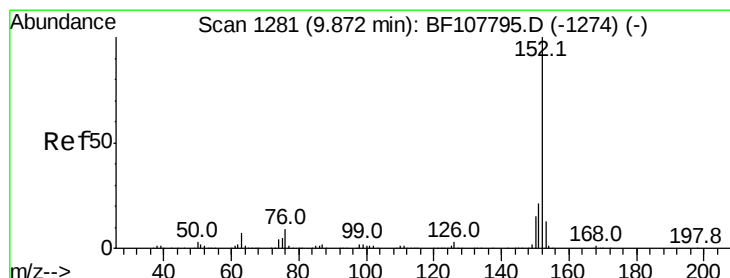
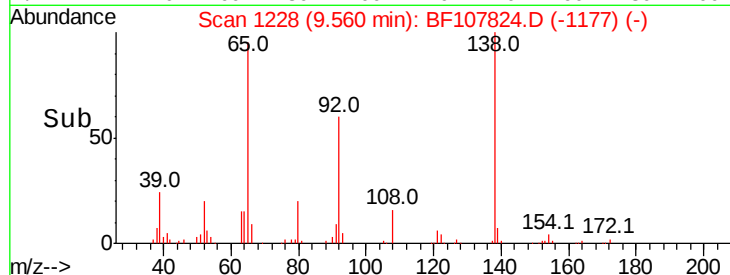
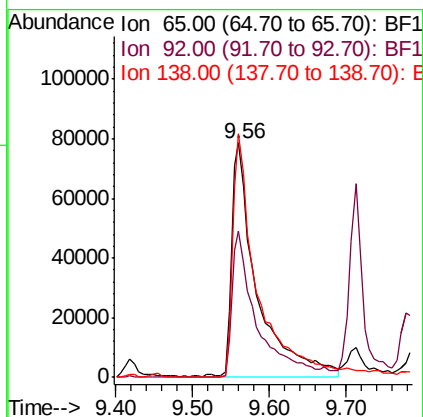
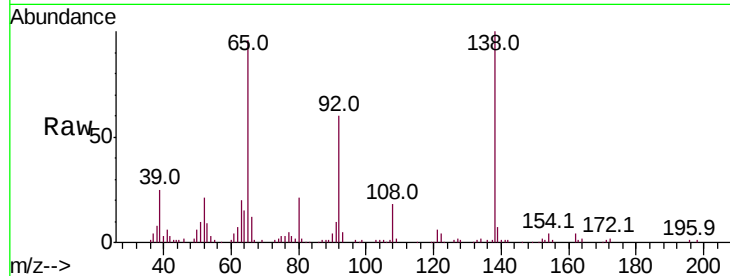




#47
2-Nitroaniline
Concen: 30.438 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

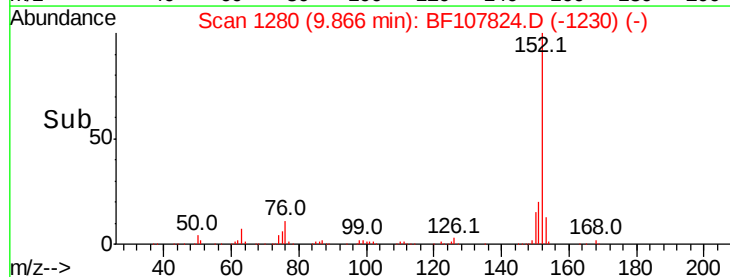
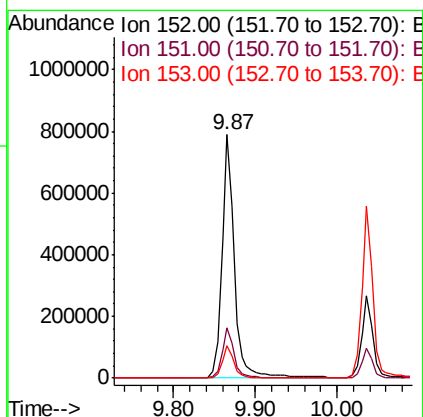
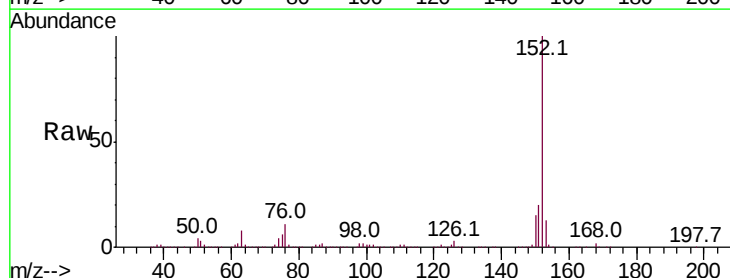
Instrument :
BNA_F
ClientSampleId :

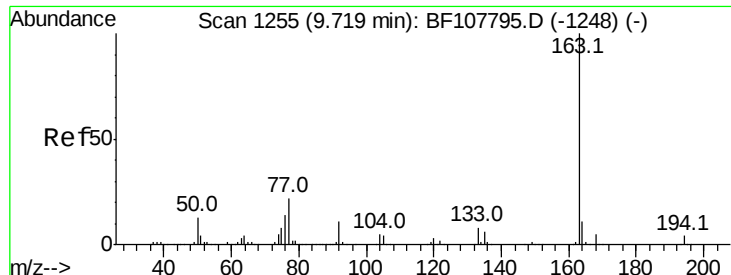
Tot Ion: 65 Resp: 181030
Ion Ratio Lower Upper
65 100
92 62.3 55.8 83.6
138 104.0 91.2 136.8



#48
Acenaphthylene
Concen: 29.522 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:152 Resp: 836860
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.3 10.7 16.1

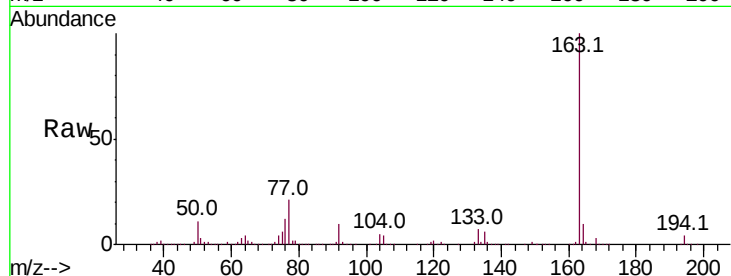




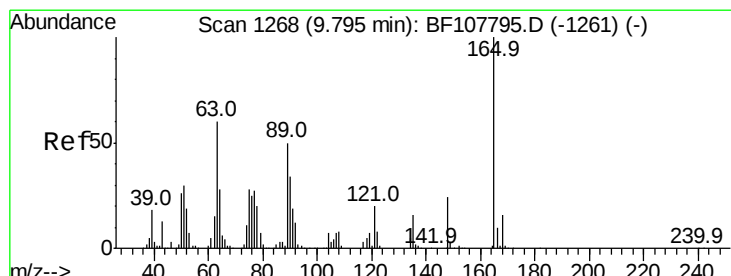
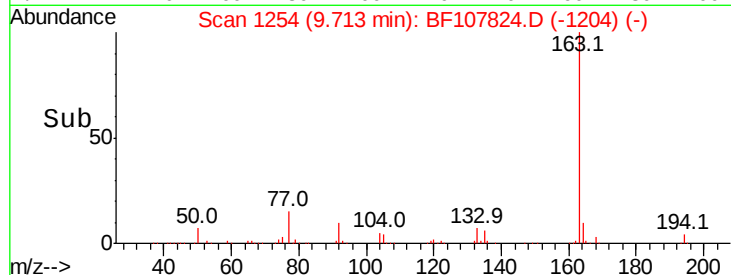
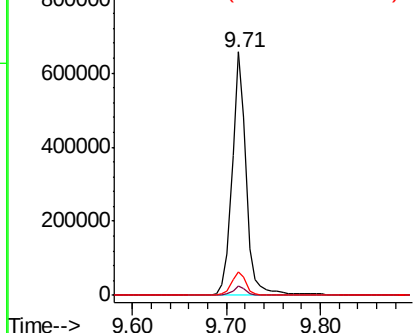
#49
Dimethylphthalate
Concen: 34.197 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.9	8.2	12.2

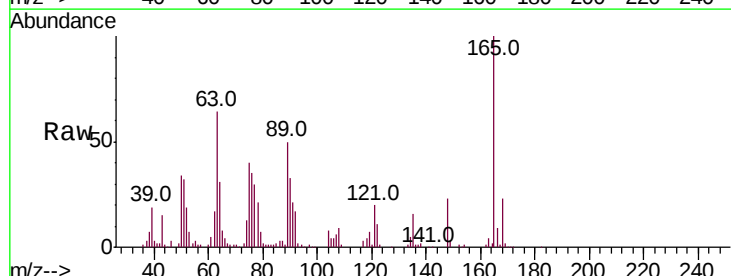


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

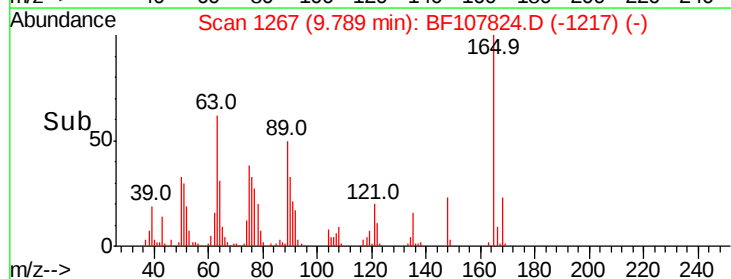
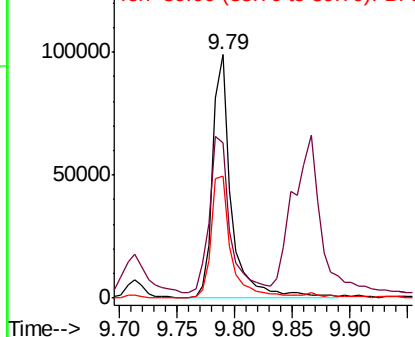


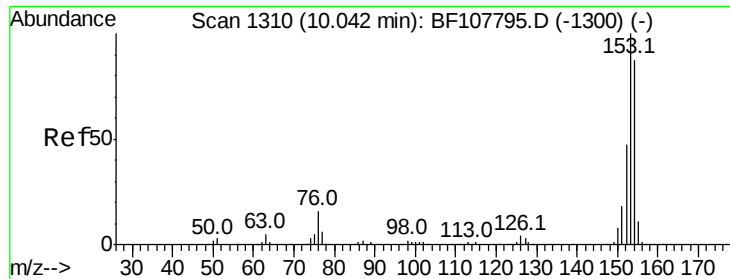
#50
2,6-Dinitrotoluene
Concen: 25.693 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.7	44.7	67.1
89	50.2	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

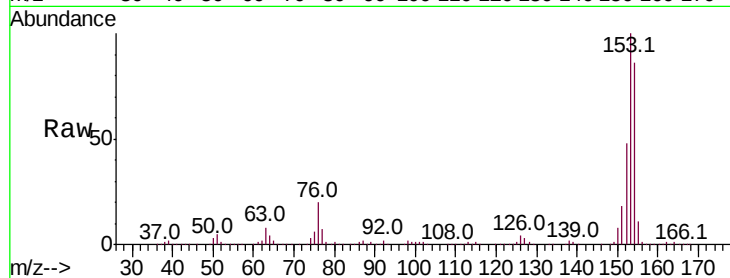




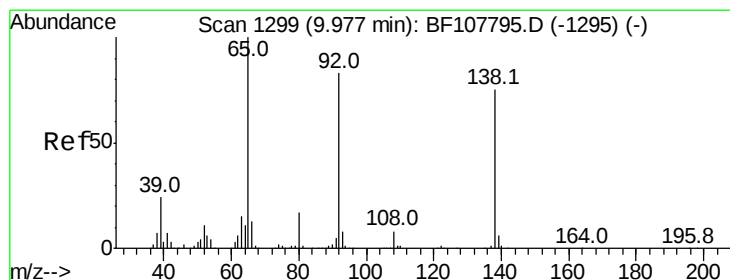
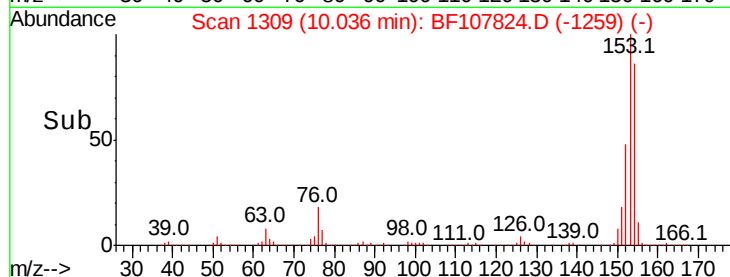
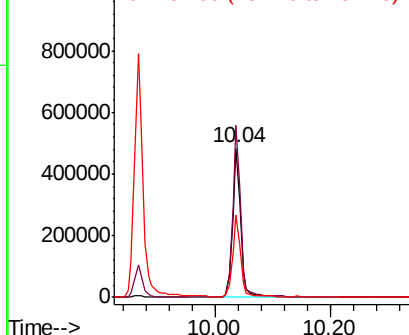
#51
Acenaphthene
Concen: 28.750 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 473407
Ion Ratio Lower Upper
154 100
153 115.6 91.2 136.8
152 55.3 43.8 65.8

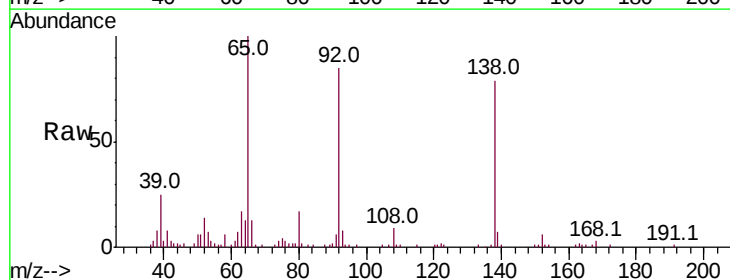


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

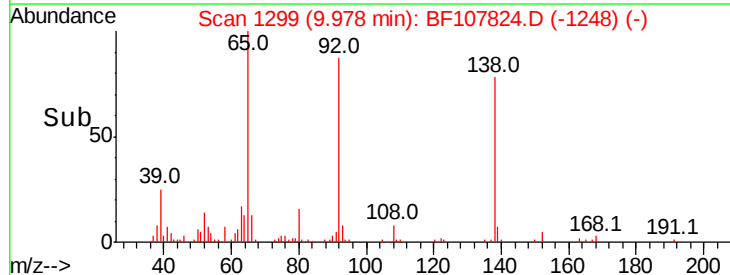
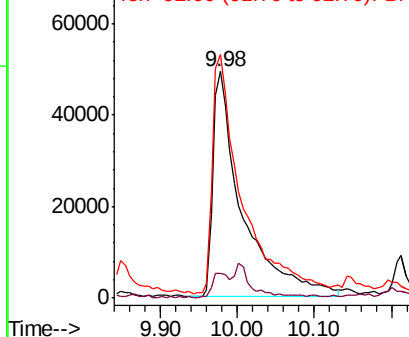


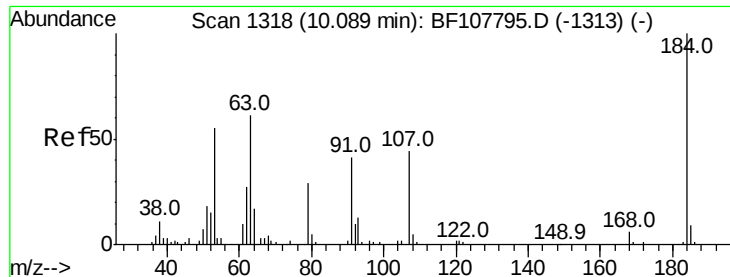
#52
3-Nitroaniline
Concen: 23.562 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:138 Resp: 129110
Ion Ratio Lower Upper
138 100
108 10.9 9.4 14.0
92 107.5 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

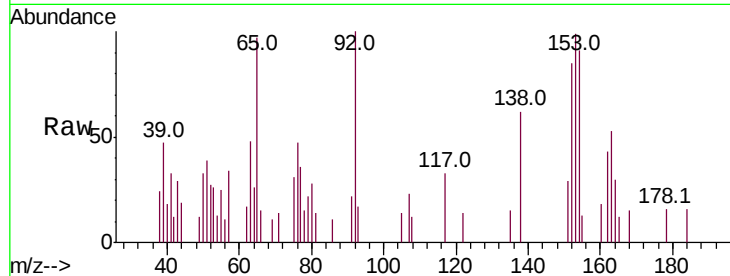




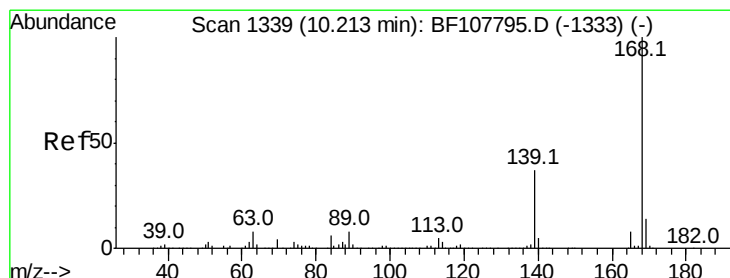
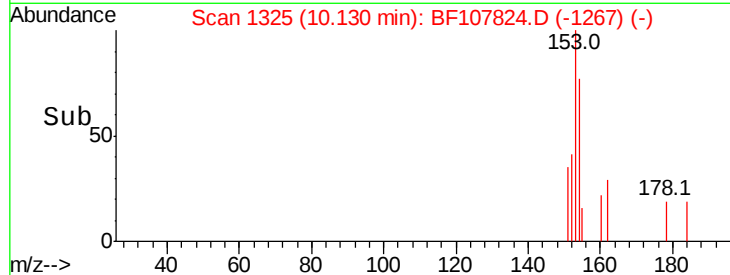
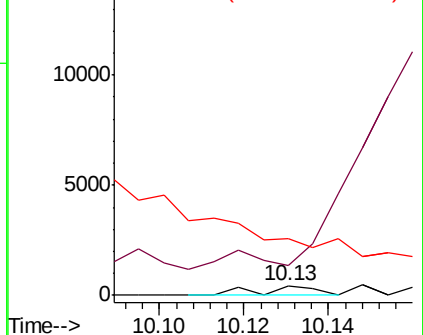
#53
 2,4-Dinitrophenol
 Concen: 8.601 ng
 RT: 10.13 min Scan# 1325
 Delta R.T. 0.04 min
 Lab File: BF107824.D
 Acq: 31 Jul 2018 2:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 413
 Ion Ratio Lower Upper
 184 100
 63 306.3 54.2 81.2#
 154 585.3 184.0 276.0#

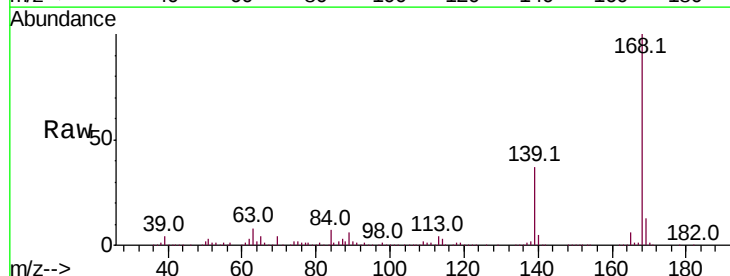


Abundance Ion 184.00 (183.70 to 184.70): E
 15000 Ion 63.00 (62.70 to 63.70): BF1
 10000 Ion 154.00 (153.70 to 154.70): E

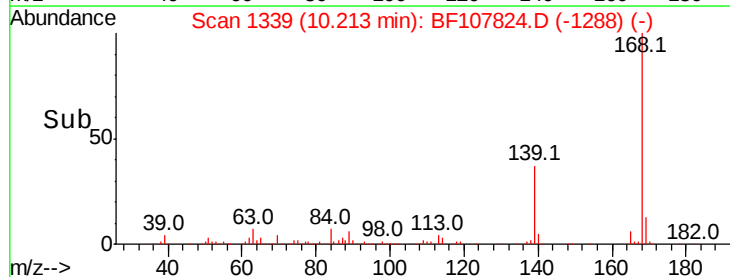
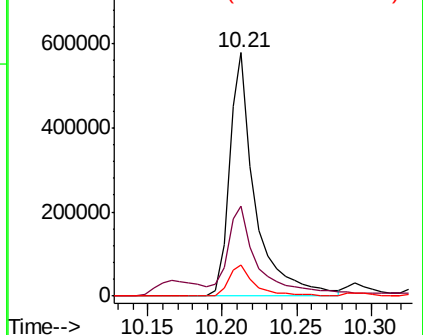


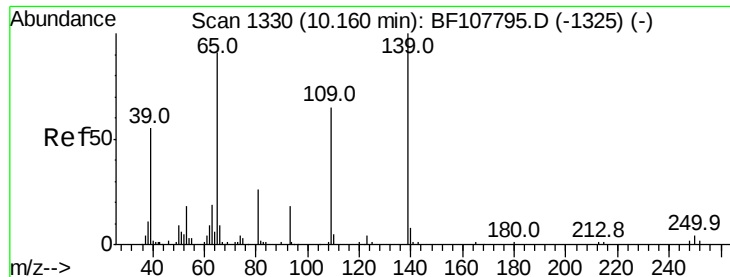
#54
 Dibenzofuran
 Concen: 27.339 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF107824.D
 Acq: 31 Jul 2018 2:07

Tgt Ion:168 Resp: 695816
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.1 45.1
 169 12.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 800000 Ion 139.00 (138.70 to 139.70): E
 600000 Ion 169.00 (168.70 to 169.70): E

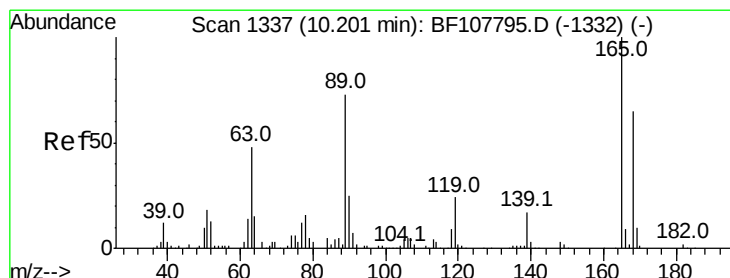
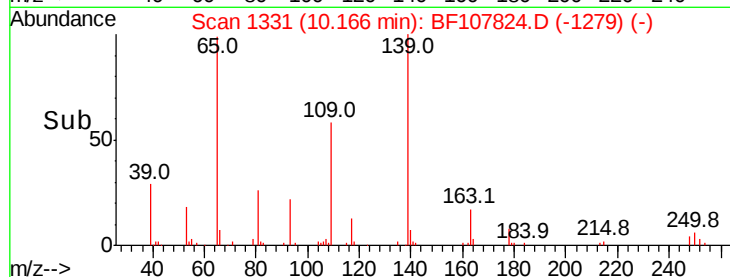
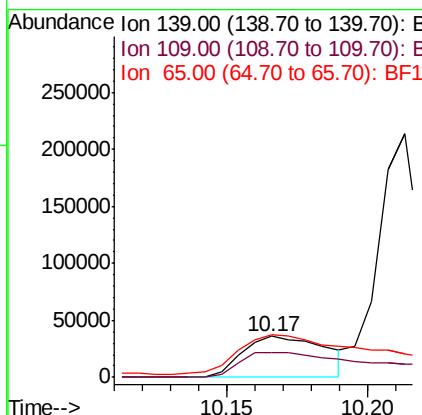
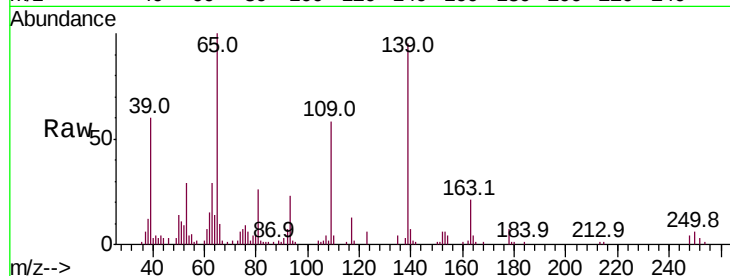




#55
4-Nitrophenol
Concen: 34.403 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

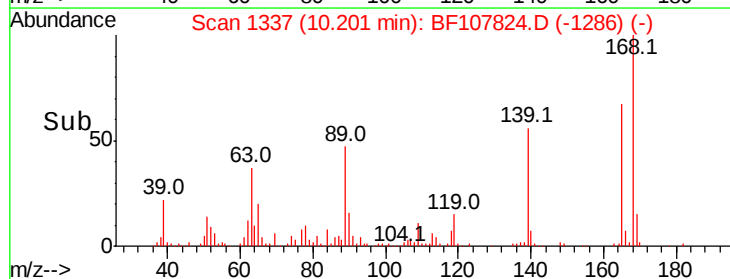
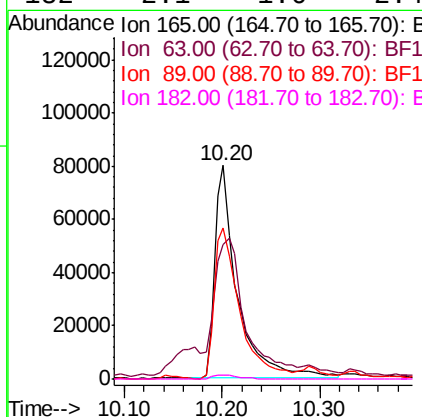
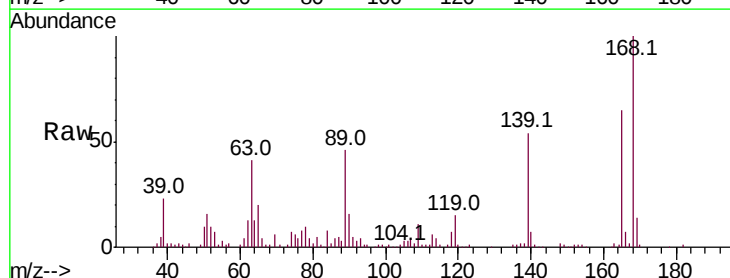
Instrument :
BNA_F
ClientSampled :

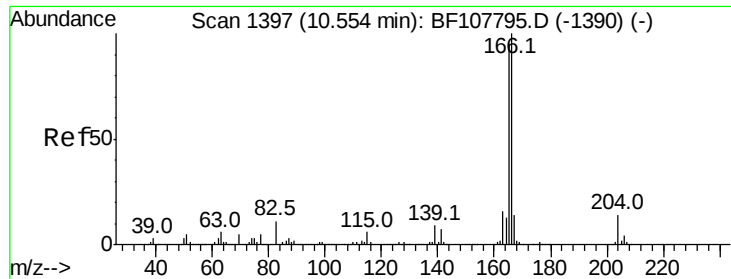
Tot Ion:139 Resp: 73231
Ion Ratio Lower Upper
139 100
109 61.2 48.4 88.4
65 104.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 22.285 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:165 Resp: 127367
Ion Ratio Lower Upper
165 100
63 63.1 36.4 54.6#
89 70.7 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 26.771 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

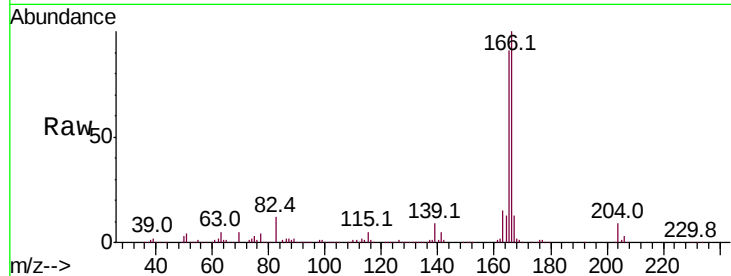
Tot Ion:166 Resp: 529521

Ion Ratio Lower Upper

166 100

165 91.3 79.8 119.8

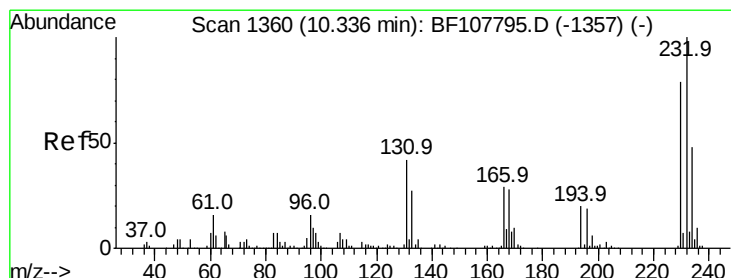
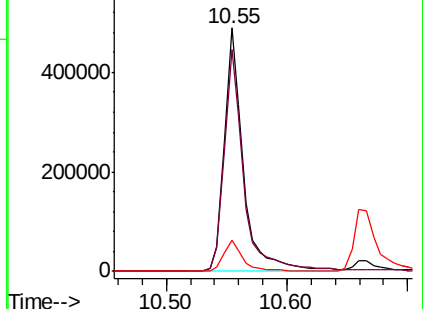
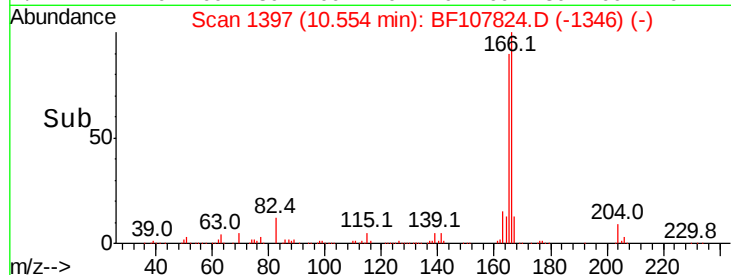
167 12.9 10.6 16.0



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: 24.731 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Tgt Ion:232 Resp: 137329

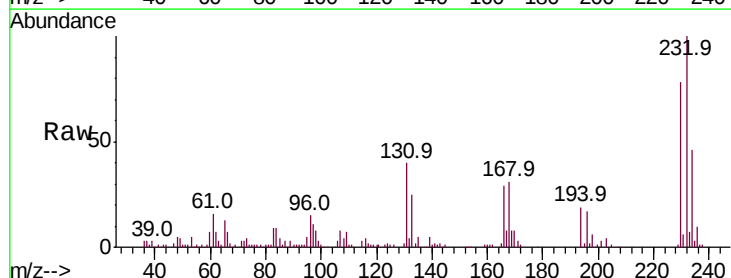
Ion Ratio Lower Upper

232 100

131 42.3 43.8 65.8#

130 2.0 2.1 3.1#

166 25.0 27.8 41.6#

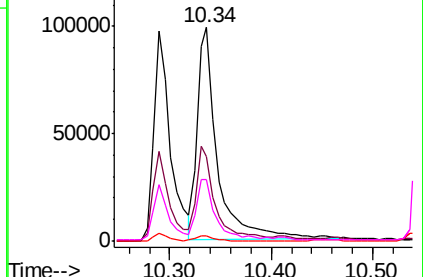
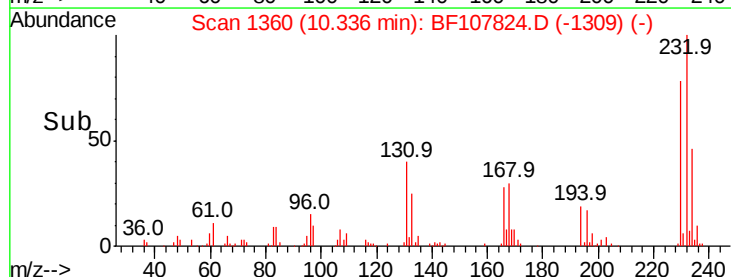


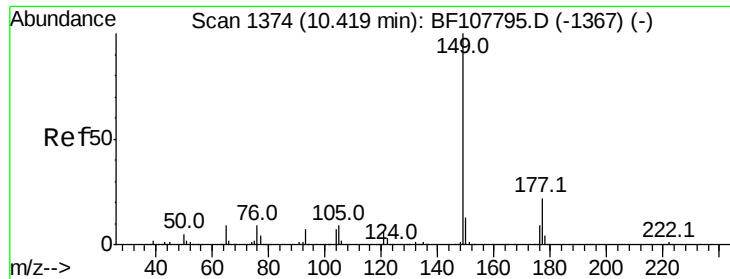
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

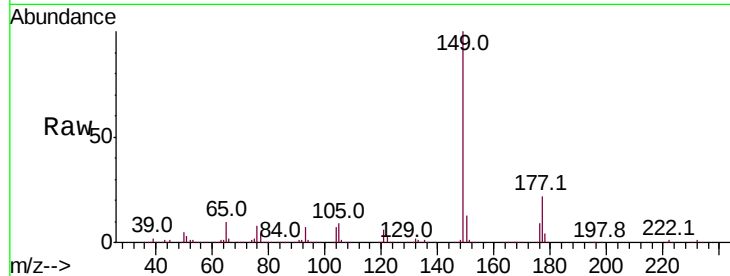




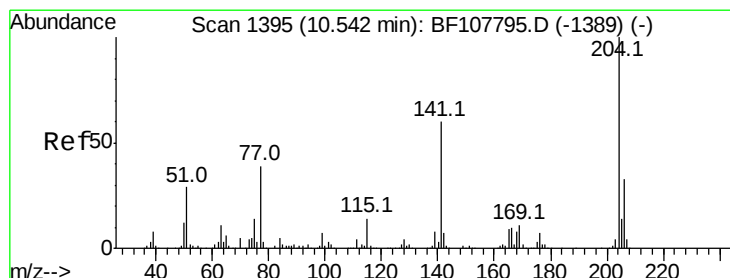
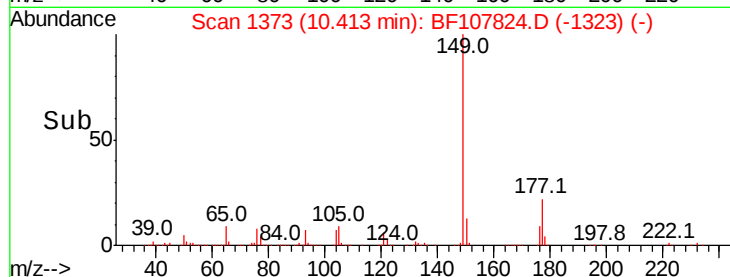
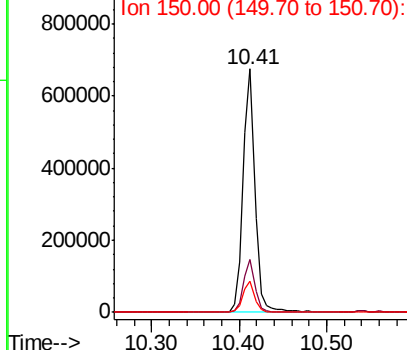
#59
Diethylphthalate
Concen: 28.363 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 610196
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.6 10.1 15.1

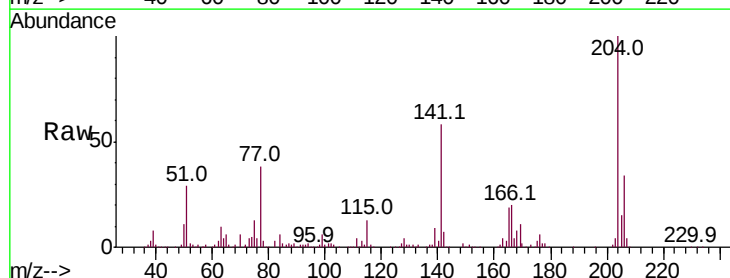


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

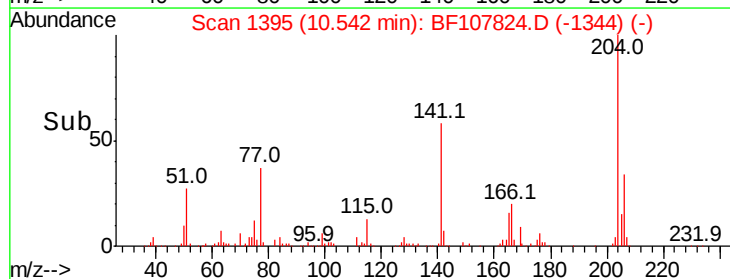
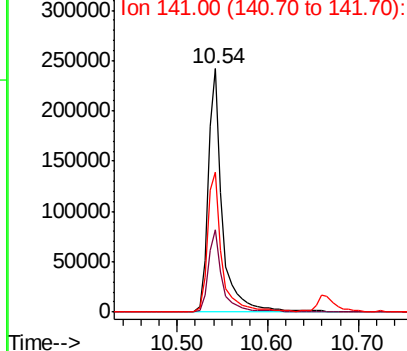


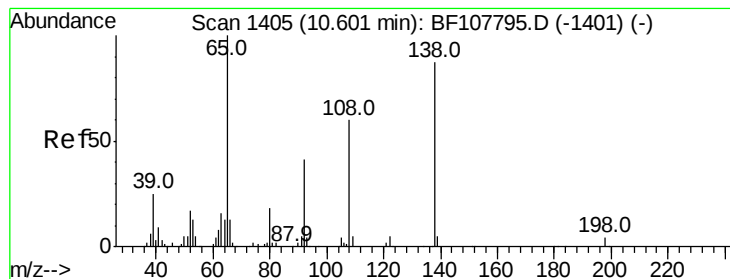
#60
4-Chlorophenyl-phenylether
Concen: 24.768 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:204 Resp: 266881
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 57.7 54.6 81.8



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





#61

4-Nitroaniline

Concen: 25.726 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

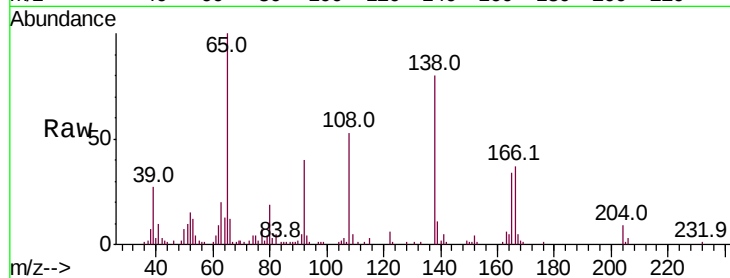
Tot Ion:138 Resp: 125099

Ion Ratio Lower Upper

138 100

92 50.4 30.2 70.2

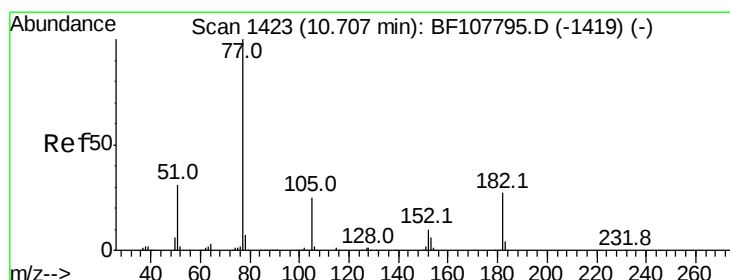
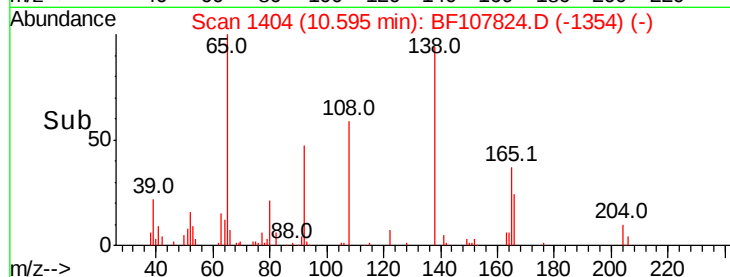
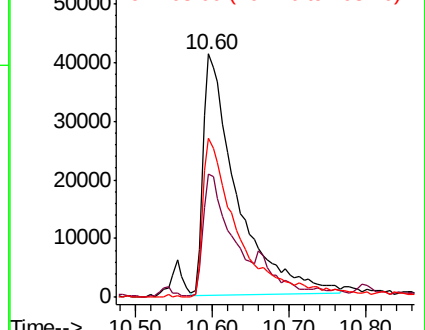
108 65.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 26.346 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Tgt Ion: 77 Resp: 527887

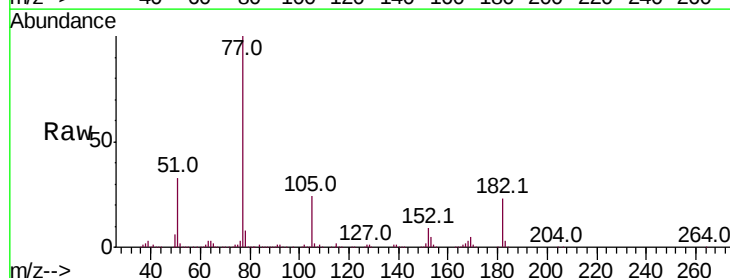
Ion Ratio Lower Upper

77 100

182 22.9 1.7 41.7

105 23.9 3.0 43.0

51 32.6 9.9 49.9

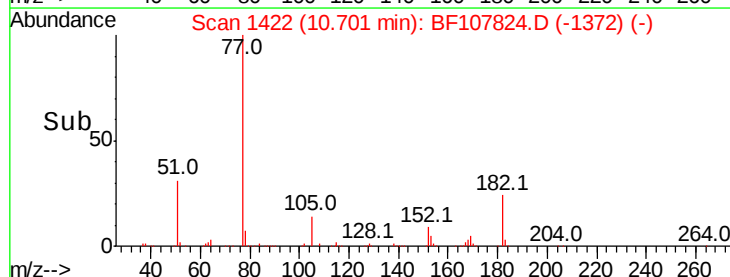
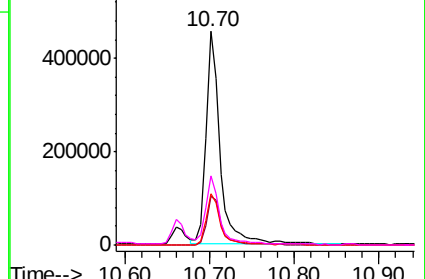


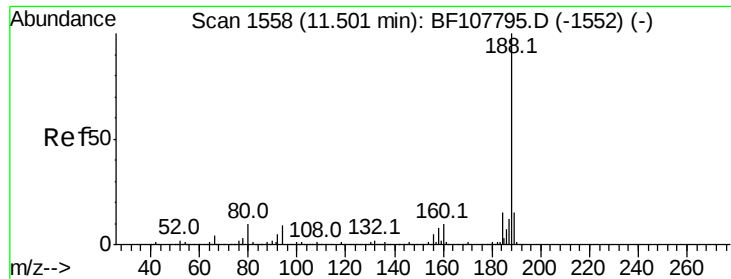
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

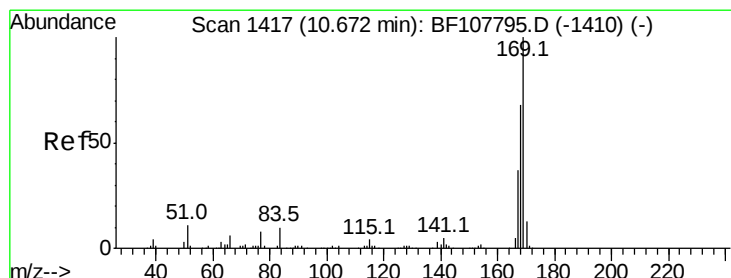
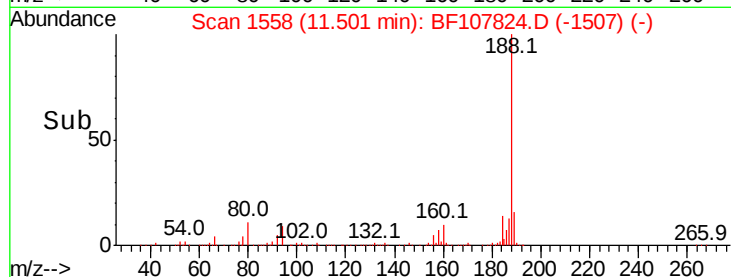
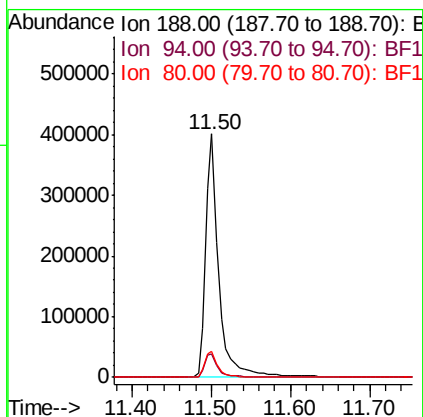
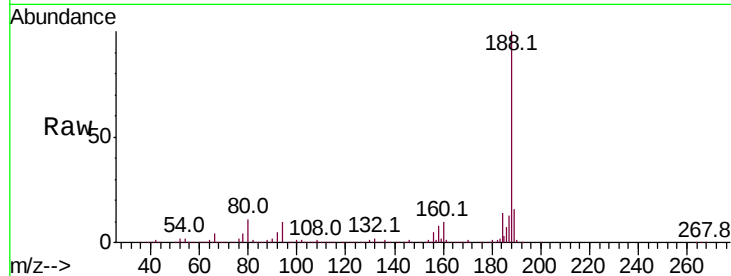




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

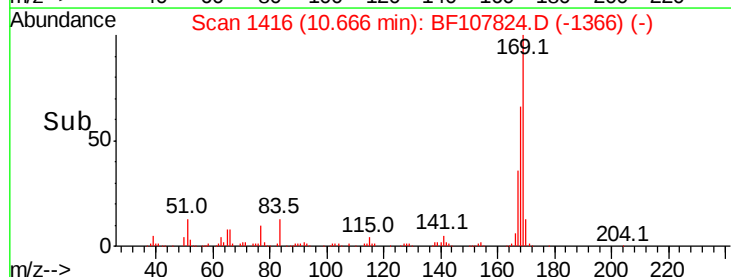
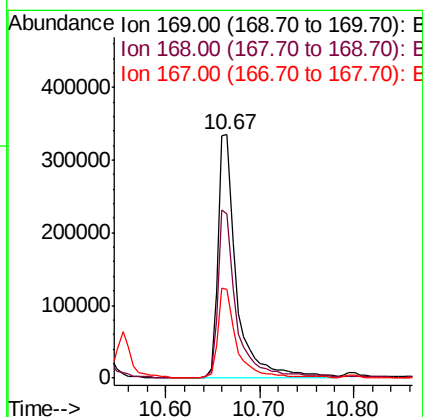
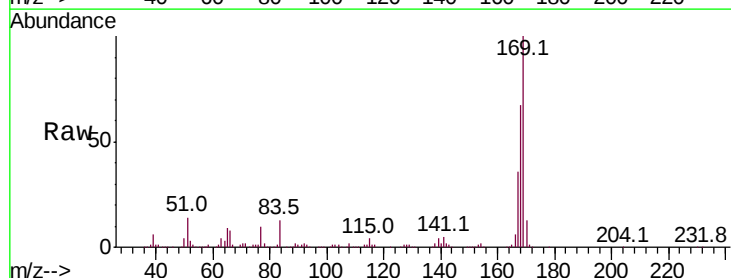
Instrument :
BNA_F
ClientSampled :

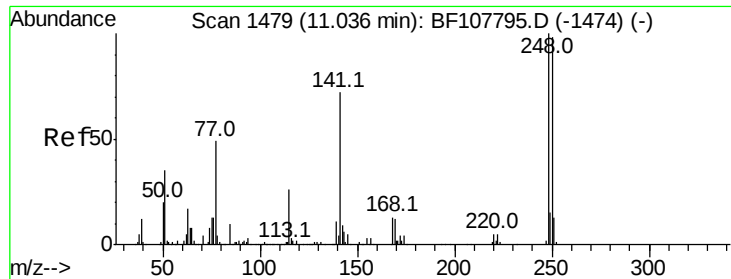
Tot Ion:188 Resp: 469001
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.5 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 30.098 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:169 Resp: 464807
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 36.5 29.8 44.6

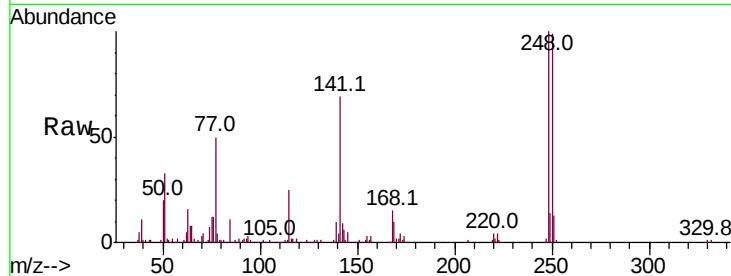




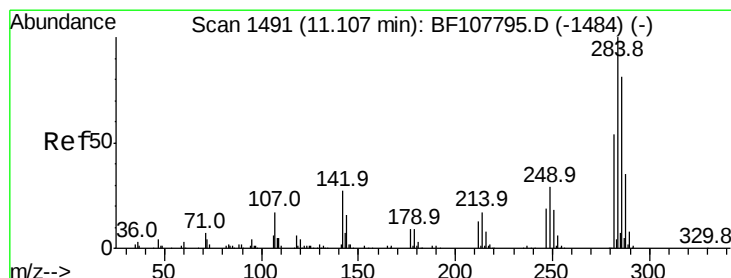
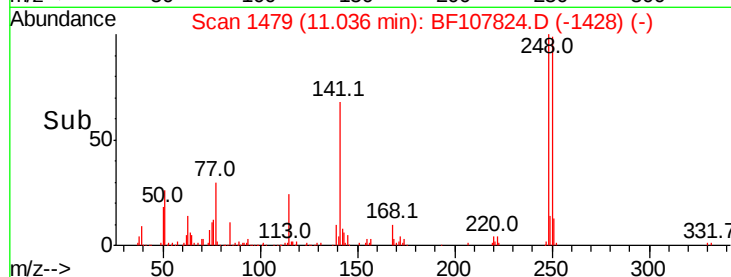
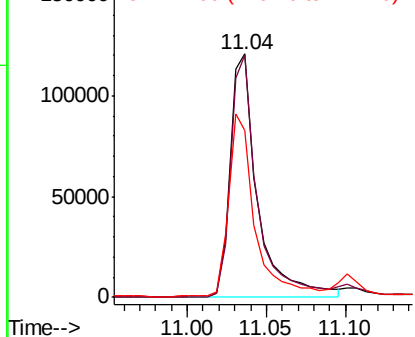
#66
4-Bromophenyl-phenylether
Concen: 26.606 ng
RT: 11.04 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 145443
Ion Ratio Lower Upper
248 100
250 99.5 76.9 115.3
141 68.7 74.4 111.6#

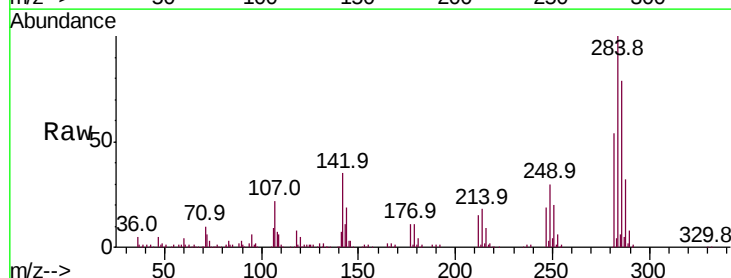


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

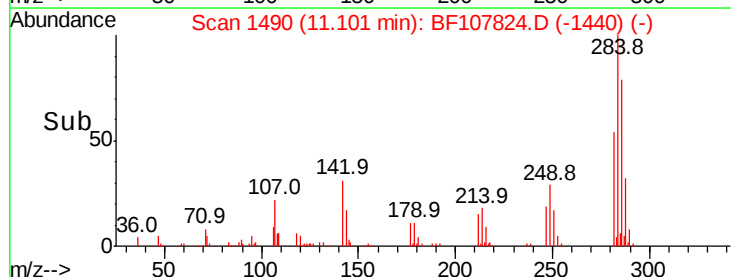
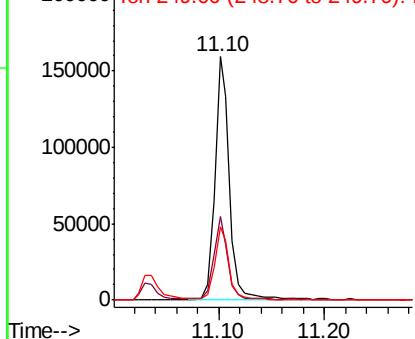


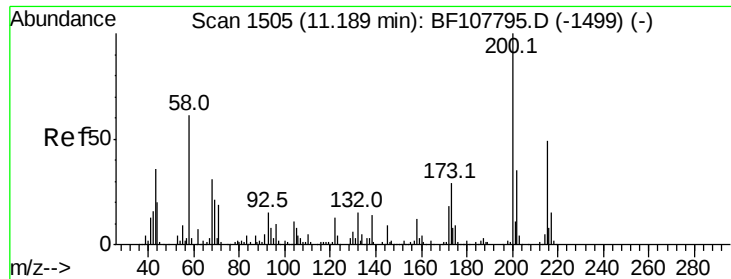
#67
Hexachlorobenzene
Concen: 25.797 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:284 Resp: 156378
Ion Ratio Lower Upper
284 100
142 34.5 34.6 52.0#
249 30.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

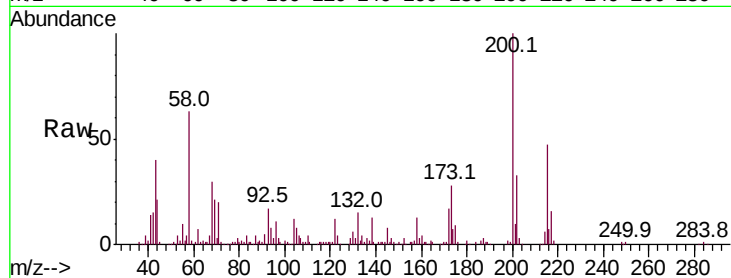




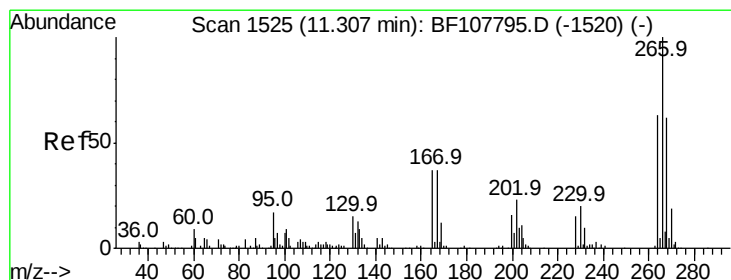
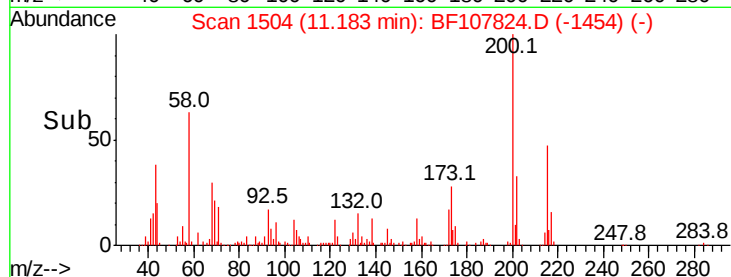
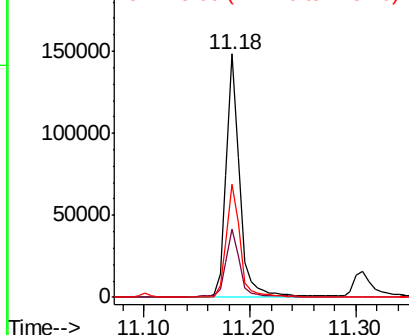
#68
Atrazine
Concen: 29.447 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 134591
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 46.7 25.1 65.1

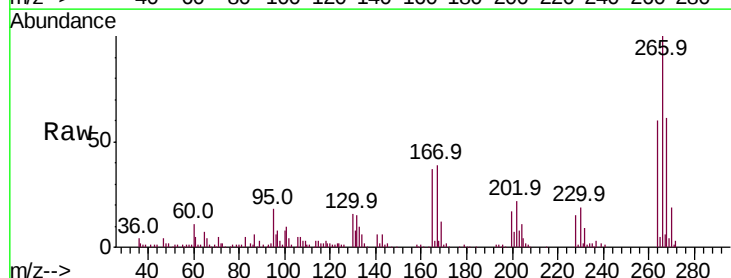


Abundance Ion 200.00 (199.70 to 200.70): E
200000 Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

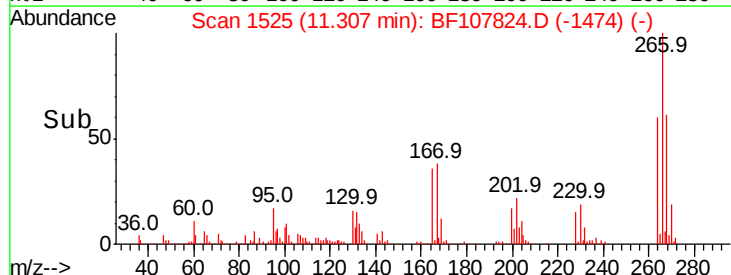
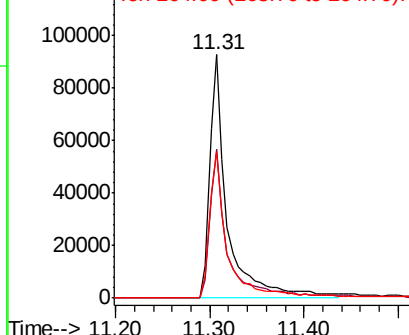


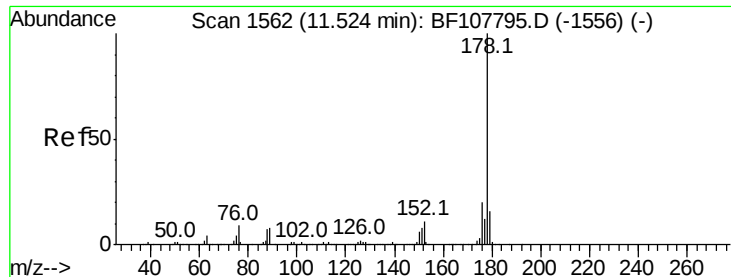
#69
Pentachlorophenol
Concen: 40.840 ng
RT: 11.31 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:266 Resp: 121870
Ion Ratio Lower Upper
266 100
268 61.3 51.1 76.7
264 60.0 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E
120000 Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 29.442 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

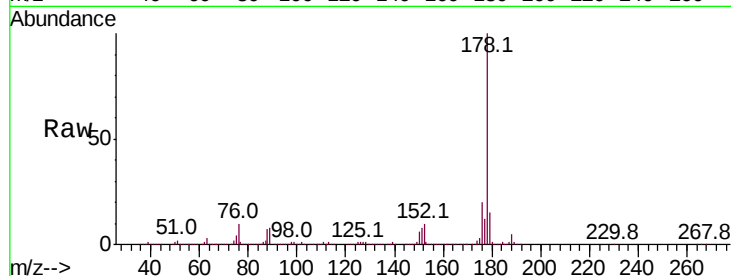
Tot Ion:178 Resp: 655654

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

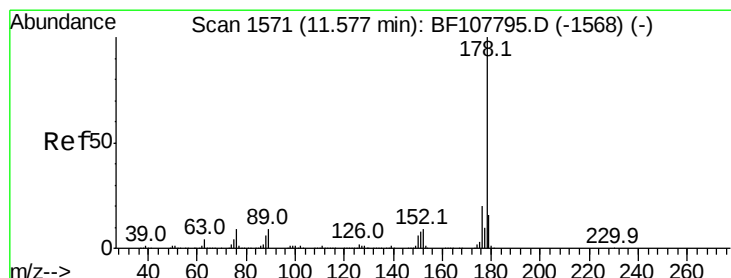
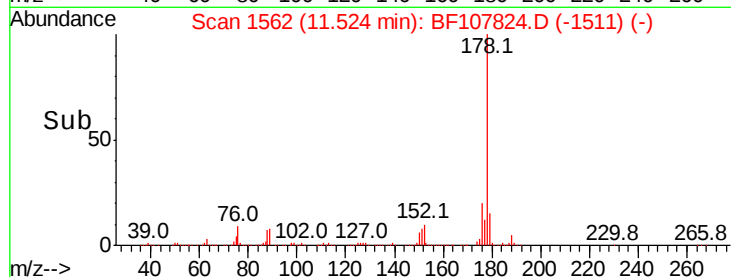
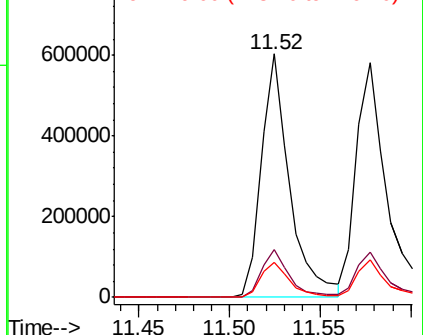
179 14.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 29.513 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

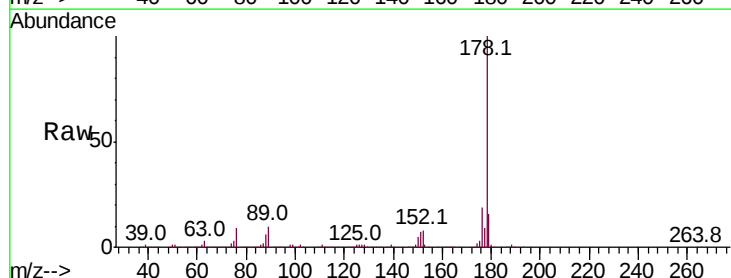
Tgt Ion:178 Resp: 758084

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

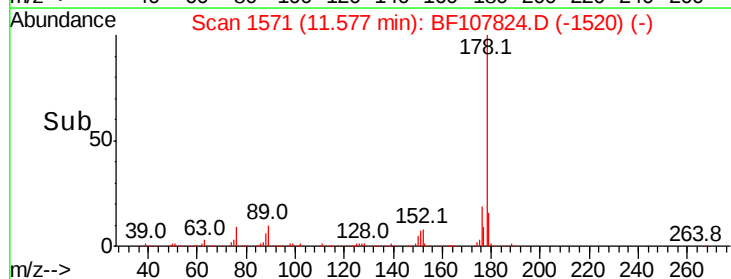
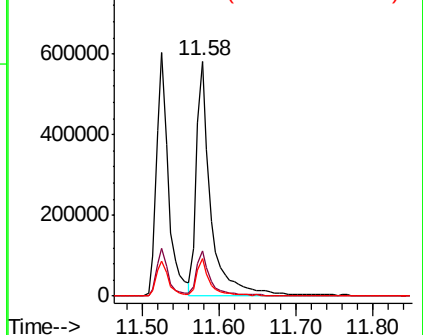
179 15.7 12.6 19.0

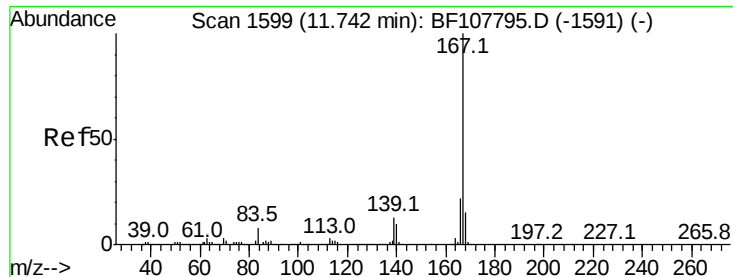


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 27.854 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

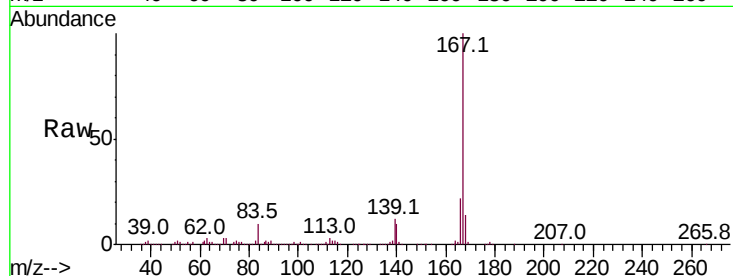
Tot Ion:167 Resp: 707037

Ion Ratio Lower Upper

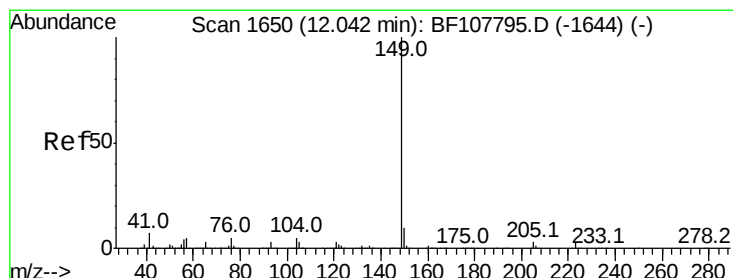
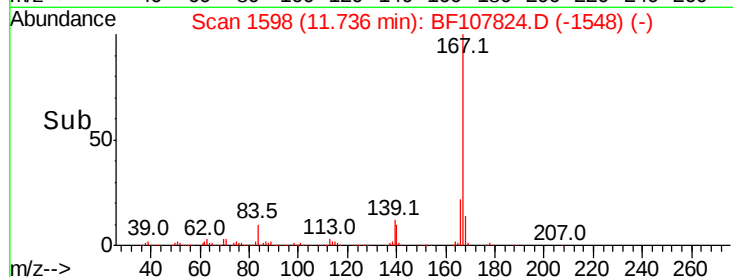
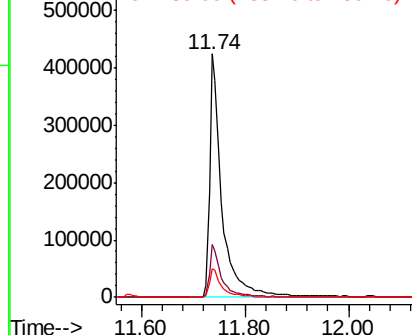
167 100

166 21.5 17.6 26.4

139 12.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 30.434 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

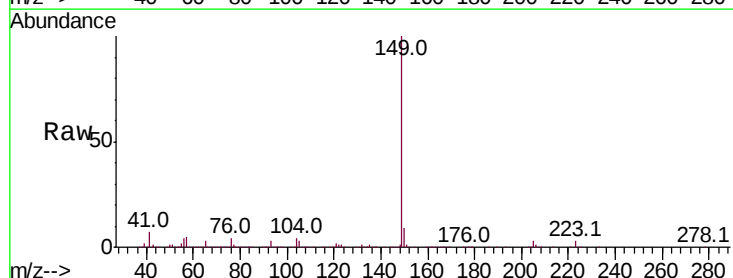
Tgt Ion:149 Resp: 842796

Ion Ratio Lower Upper

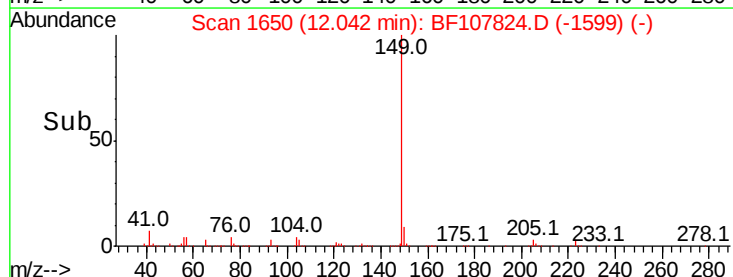
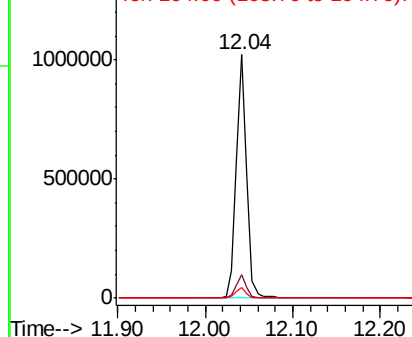
149 100

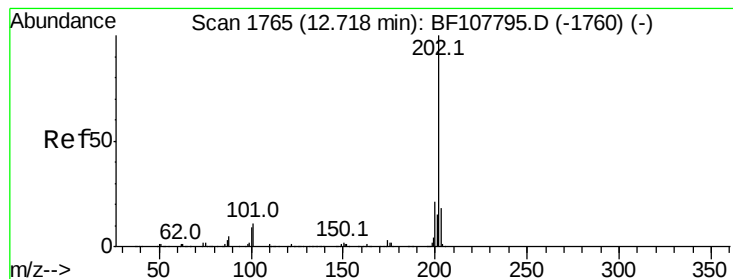
150 9.4 7.8 11.6

104 4.3 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: 30.248 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

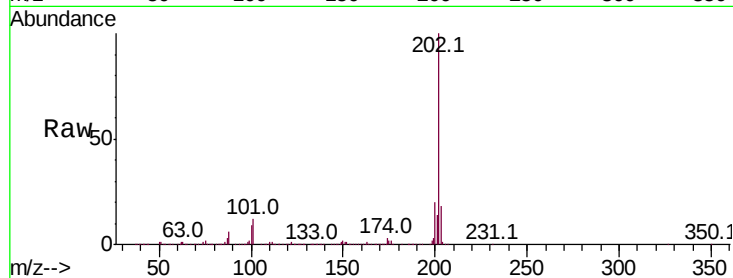
Tot Ion:202 Resp: 791356

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

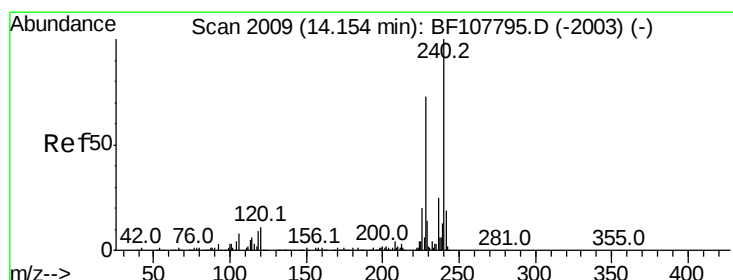
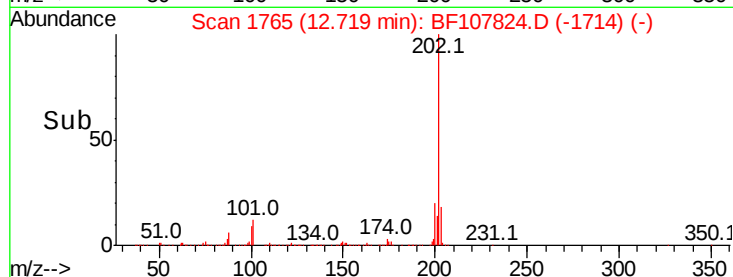
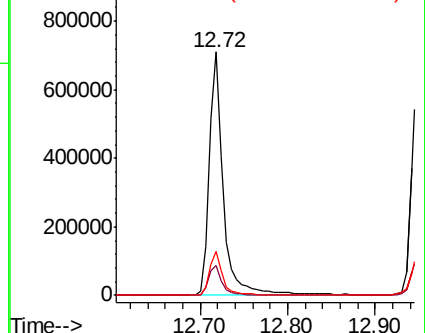
203 18.0 0.0 38.1



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: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

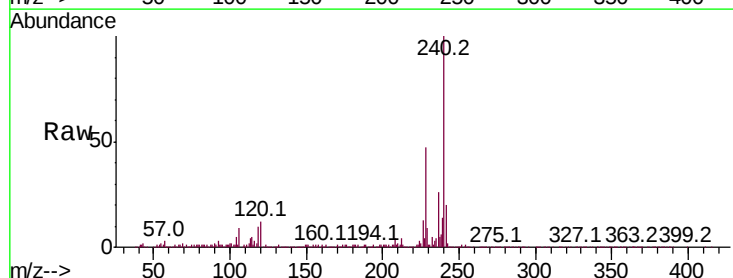
Tgt Ion:240 Resp: 435177

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

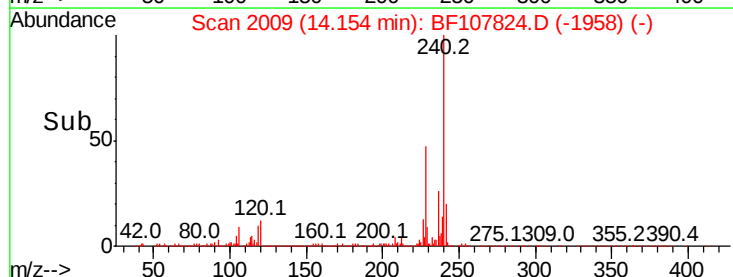
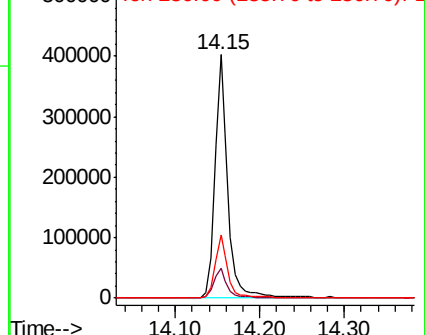
236 26.0 20.7 31.1

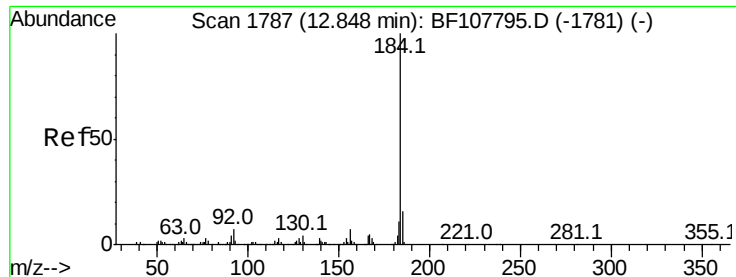


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 12.011 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

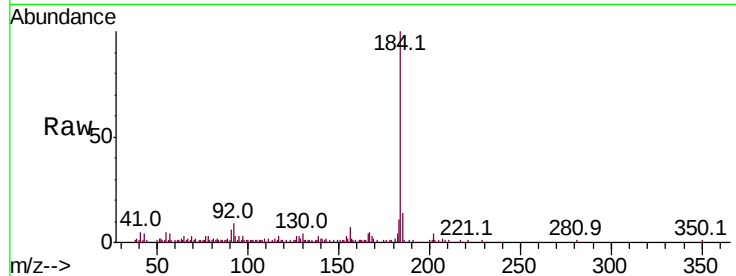
Tot Ion:184 Resp: 169006

Ion Ratio Lower Upper

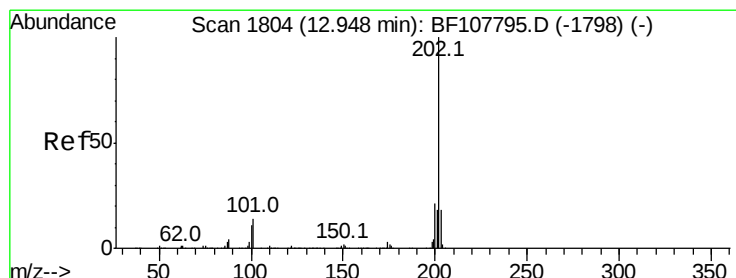
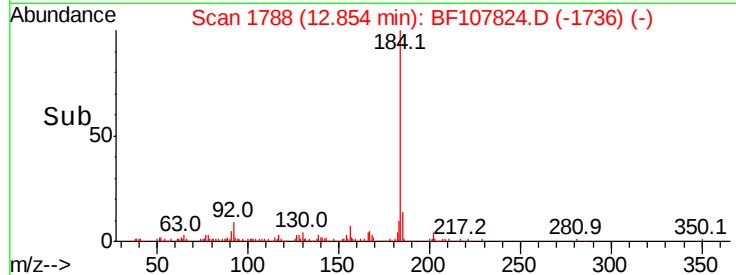
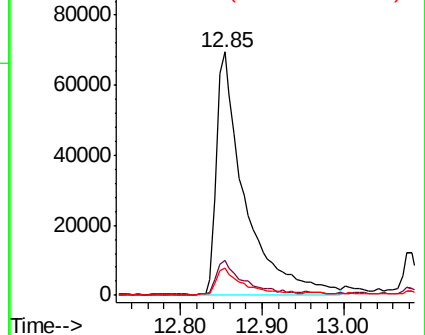
184 100

185 14.5 12.6 18.8

183 11.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 25.387 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

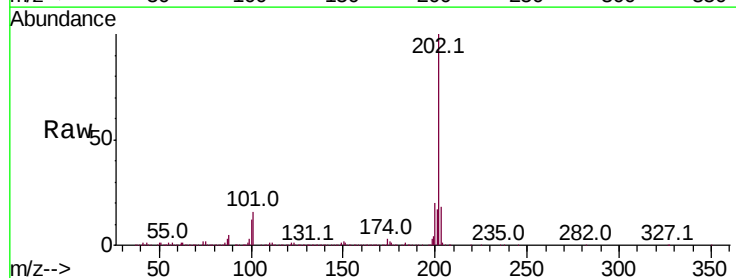
Tgt Ion:202 Resp: 795551

Ion Ratio Lower Upper

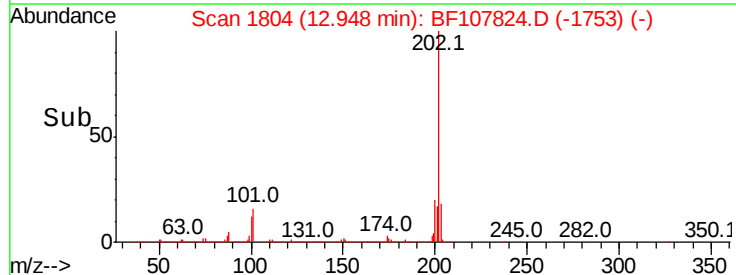
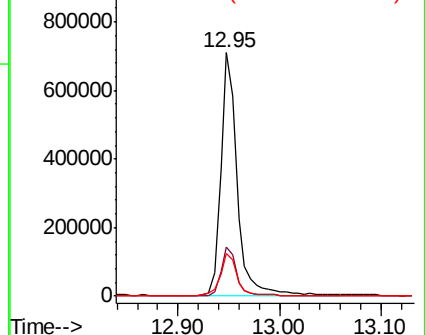
202 100

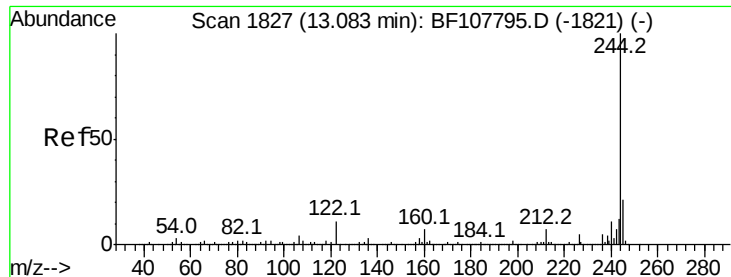
200 20.1 17.4 26.2

203 17.8 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: 54.389 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

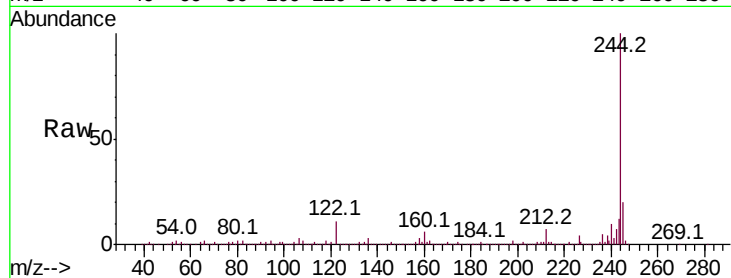
Tot Ion:244 Resp: 1091524

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

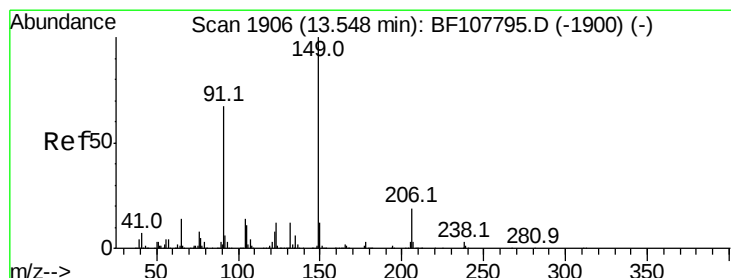
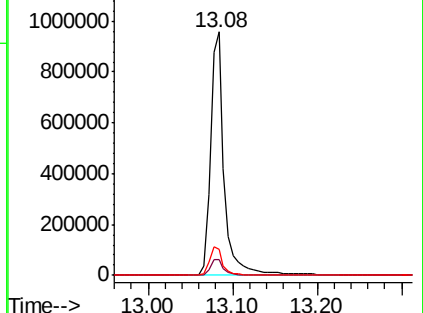
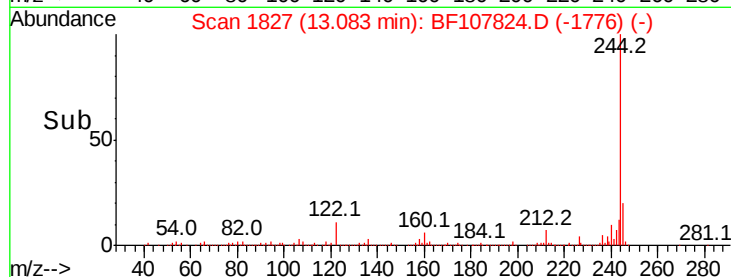
122 10.9 11.0 16.4#



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: 26.141 ng

RT: 13.55 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

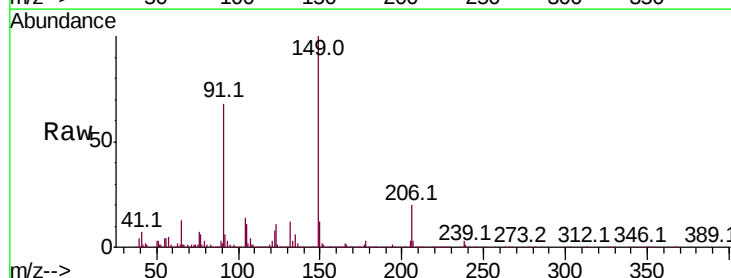
Tgt Ion:149 Resp: 358727

Ion Ratio Lower Upper

149 100

91 67.9 56.8 85.2

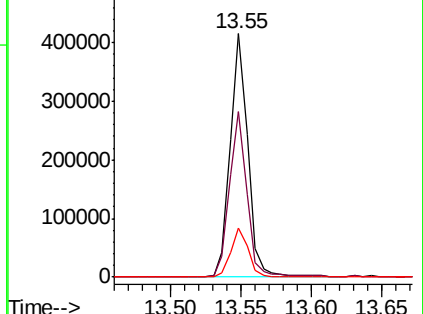
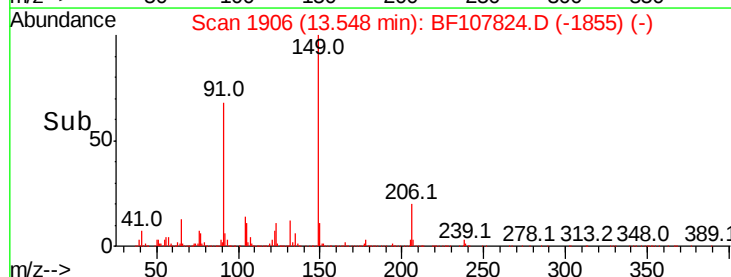
206 20.2 14.1 21.1

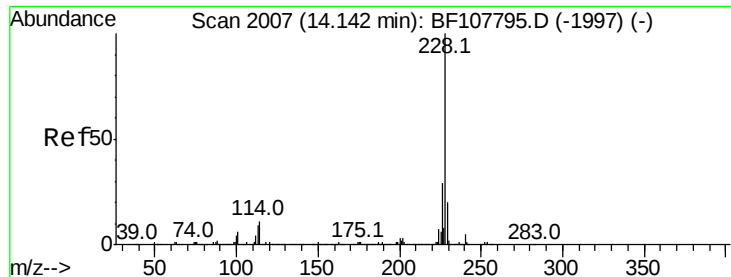


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

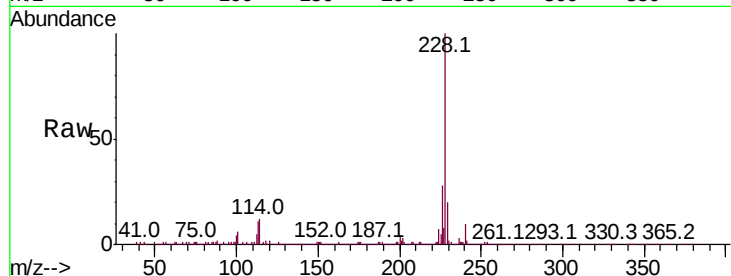




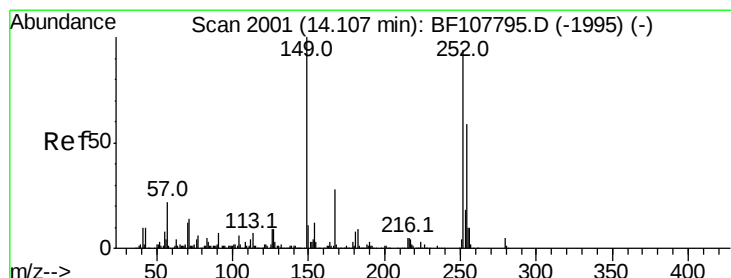
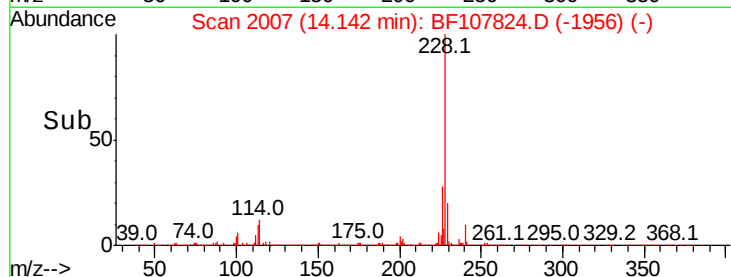
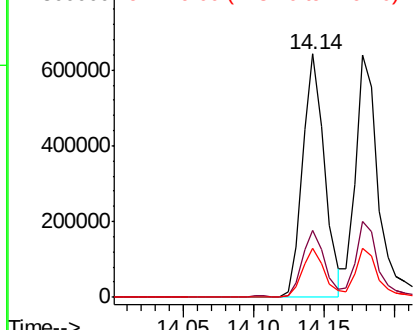
#80
Benzo(a)anthracene
Concen: 28.037 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 691144
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.4 15.8 23.6

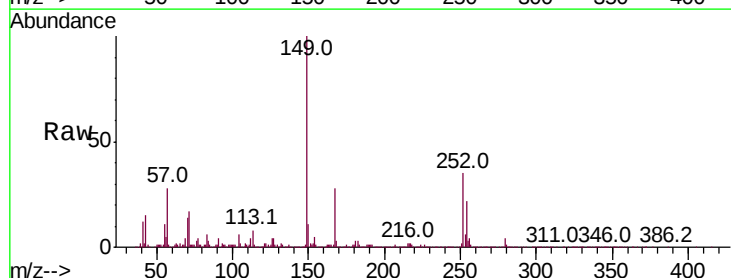


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

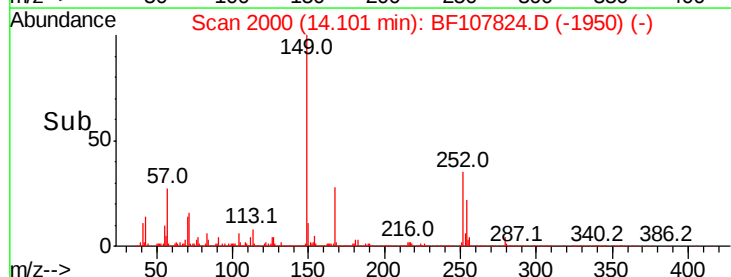
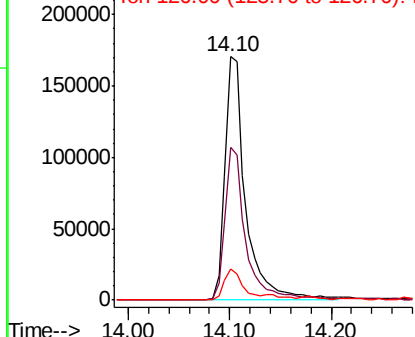


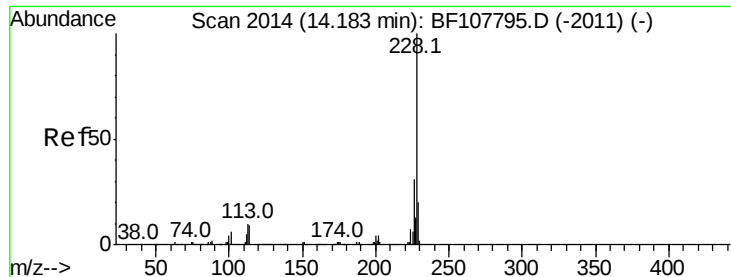
#81
3,3'-Dichlorobenzidine
Concen: 25.390 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:252 Resp: 242627
Ion Ratio Lower Upper
252 100
254 62.7 50.4 75.6
126 12.6 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

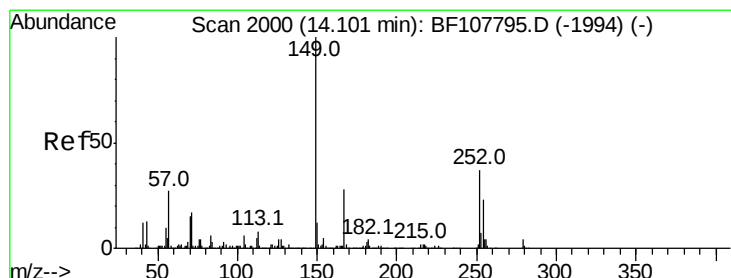
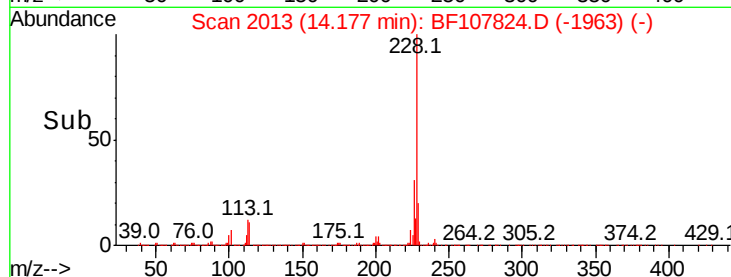
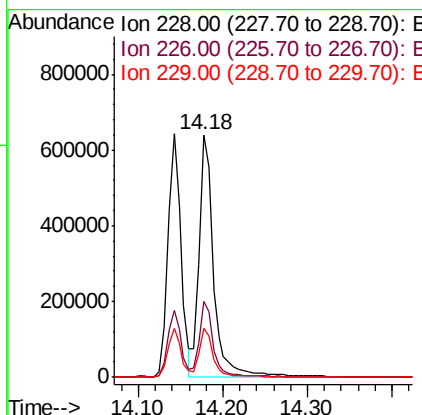
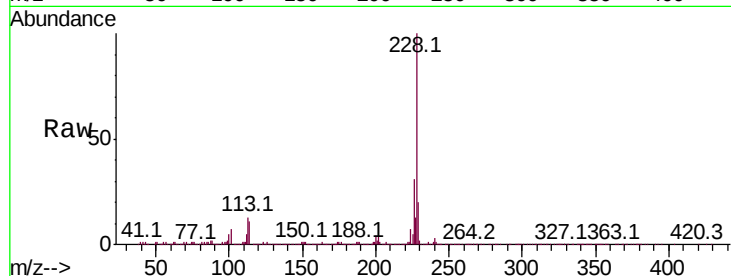




#82
Chrysene
Concen: 28.316 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

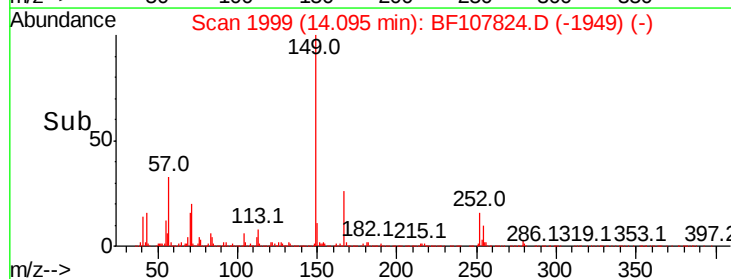
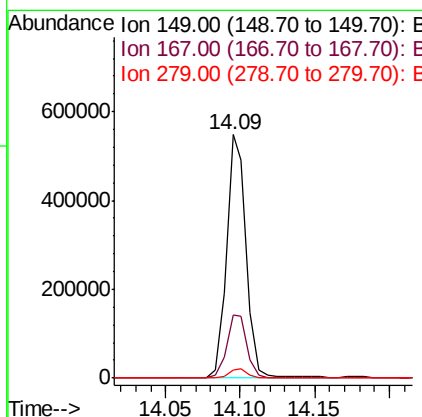
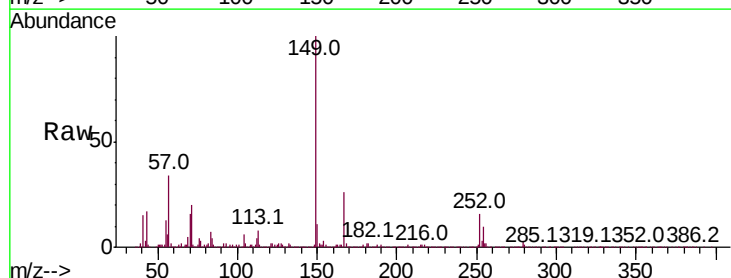
Instrument :
BNA_F
ClientSampleId :

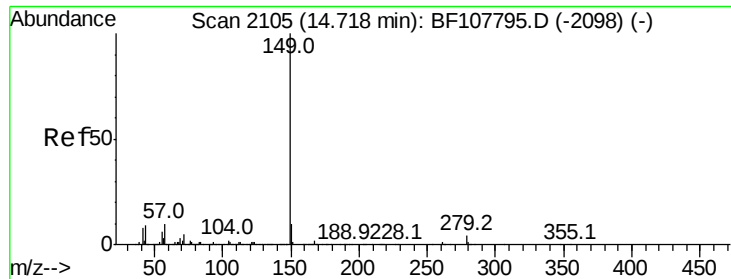
Tot Ion:228 Resp: 752892
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.6
229 20.4 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 29.117 ng
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion:149 Resp: 502302
Ion Ratio Lower Upper
149 100
167 26.1 21.3 31.9
279 3.2 3.0 4.4

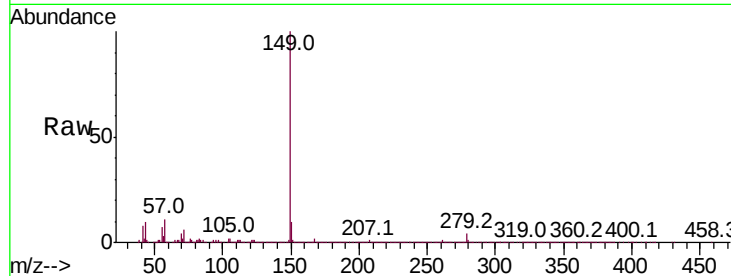




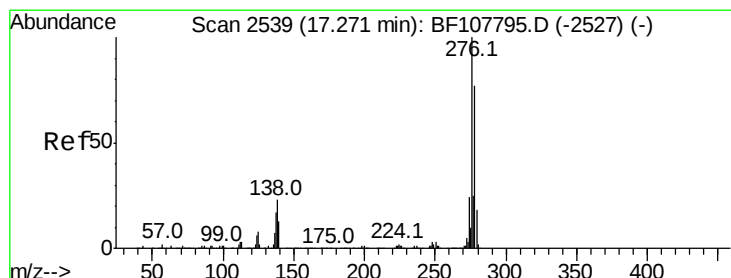
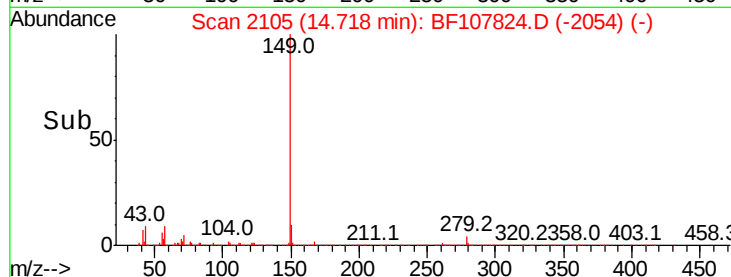
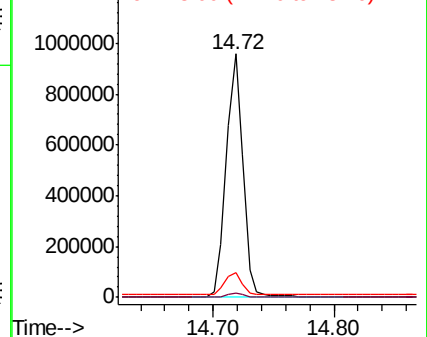
#84
Di-n-octyl phthalate
Concen: 32.942 ng
RT: 14.72 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	8.4	12.6

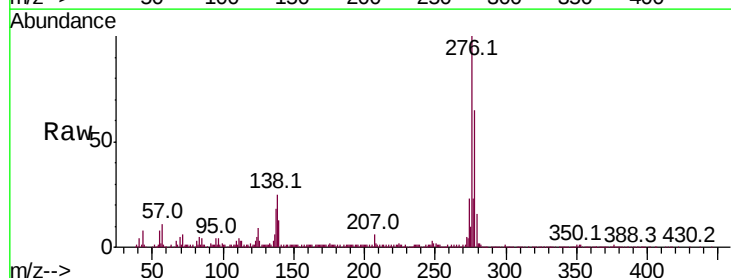


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

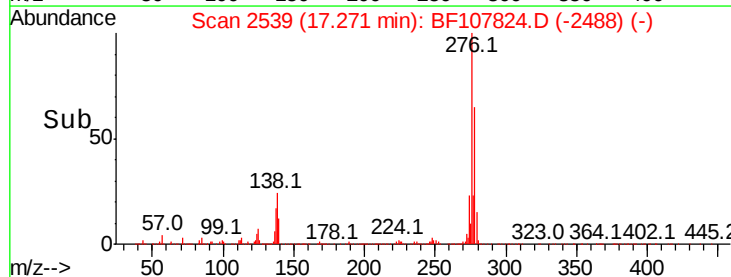
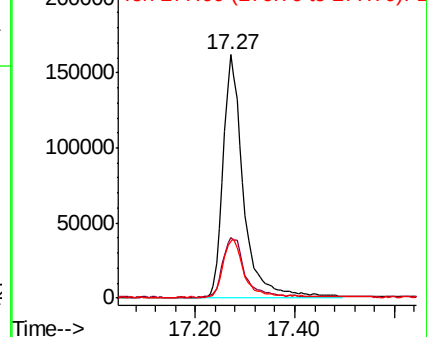


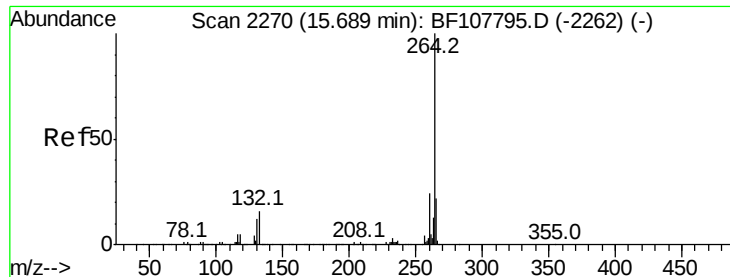
#85
Indeno(1,2,3-cd)pyrene
Concen: 22.681 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.0	37.6
277	25.5	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

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

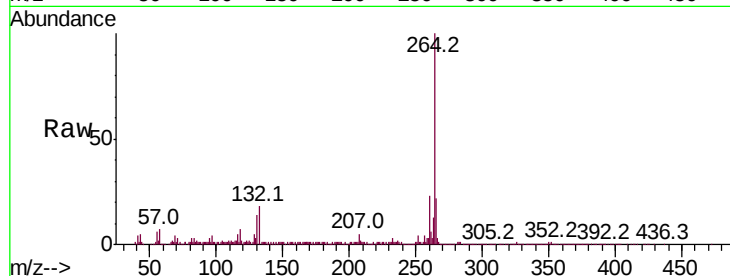
Tot Ion:264 Resp: 325177

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

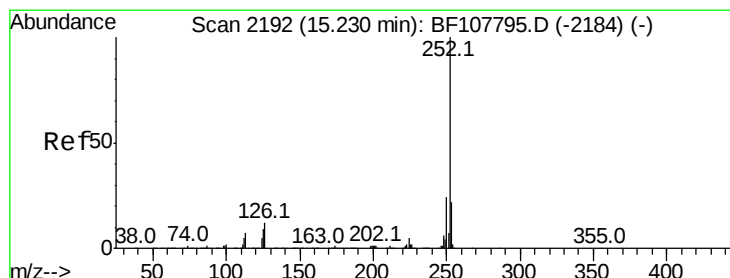
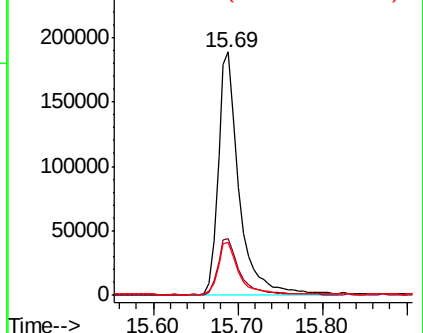
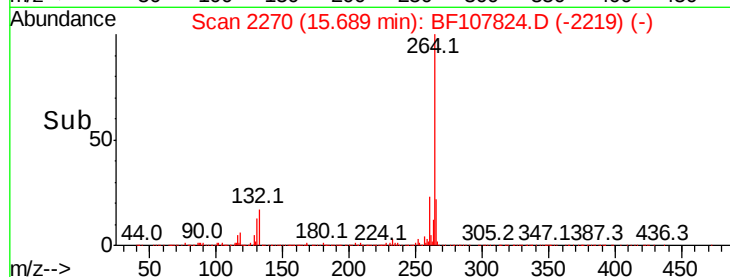
265 21.9 17.5 26.3



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: 31.062 ng

RT: 15.23 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

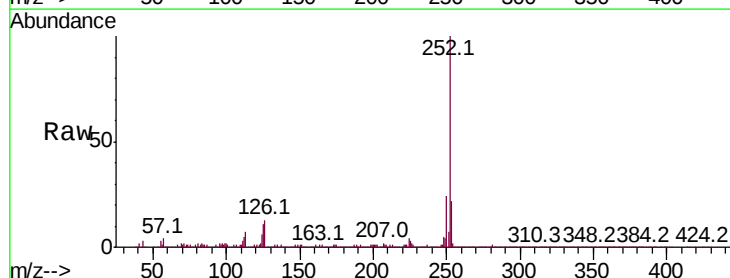
Tgt Ion:252 Resp: 498165

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

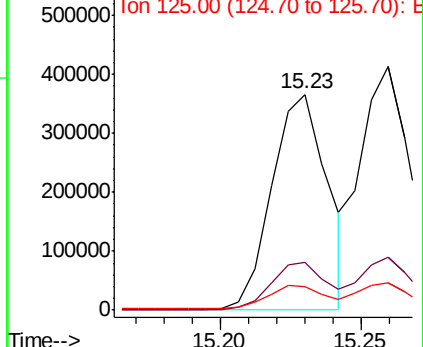
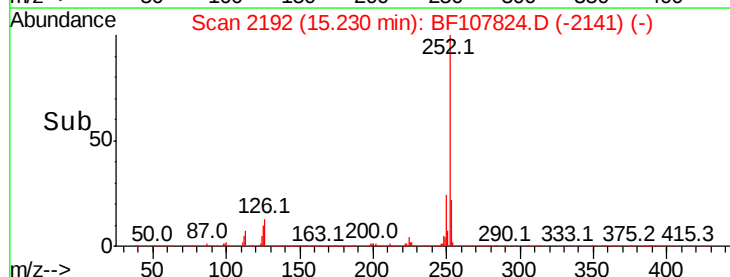
125 11.0 9.0 13.6

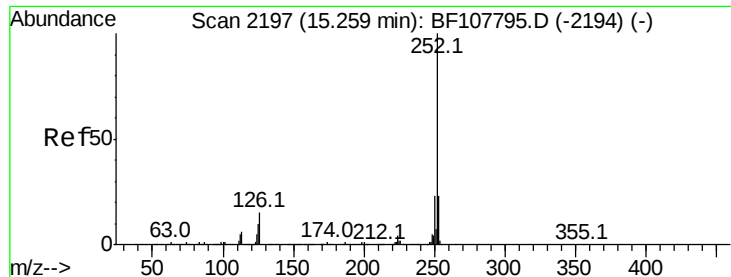


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 30.502 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

Instrument :

BNA_F

ClientSampleId :

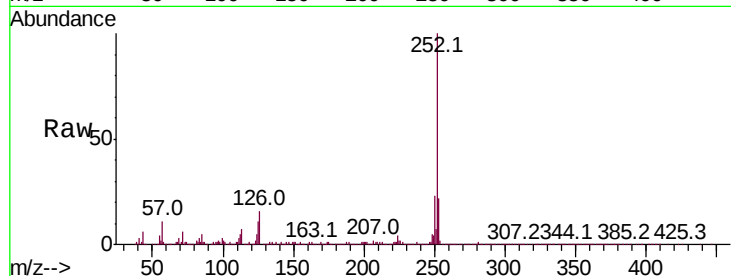
Tot Ion:252 Resp: 600585

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

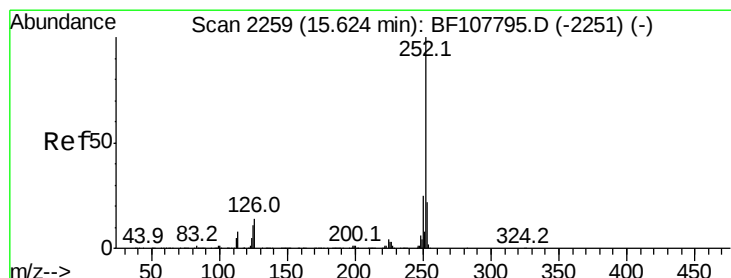
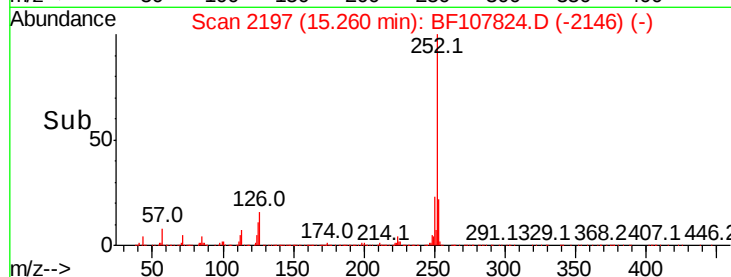
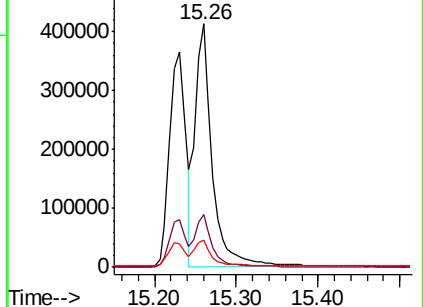
125 11.1 10.2 15.2



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: 28.786 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF107824.D

Acq: 31 Jul 2018 2:07

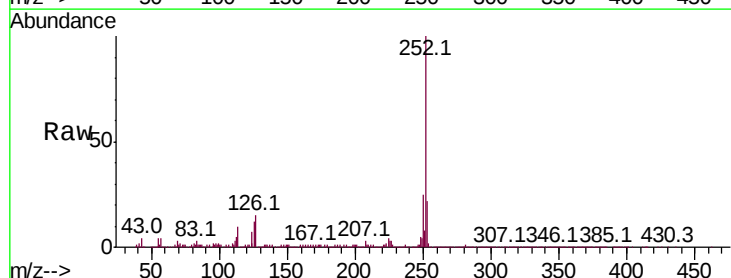
Tgt Ion:252 Resp: 476590

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

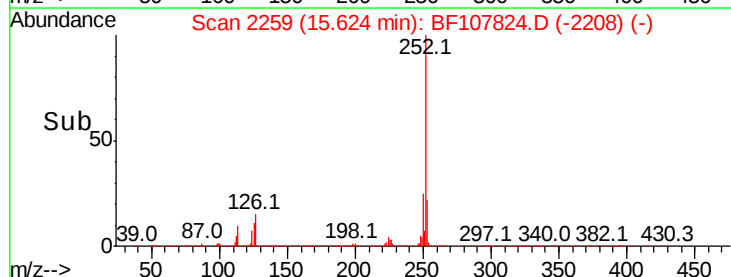
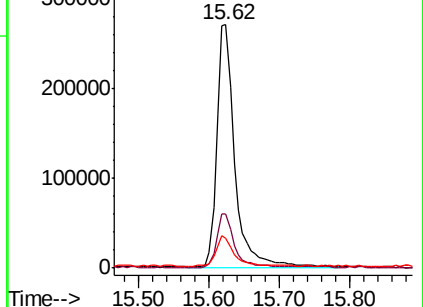
125 12.2 9.8 14.6

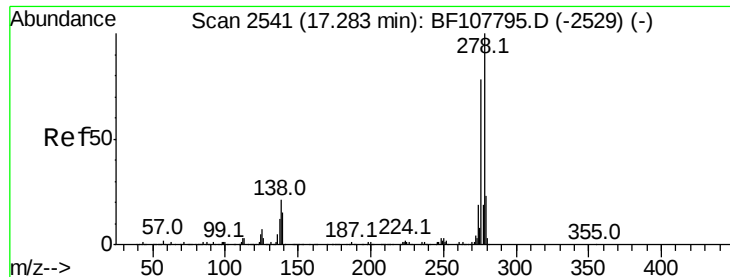


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

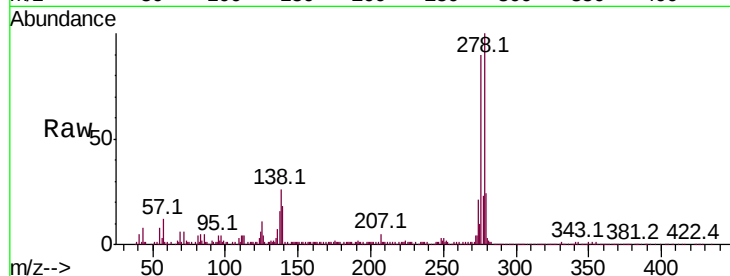




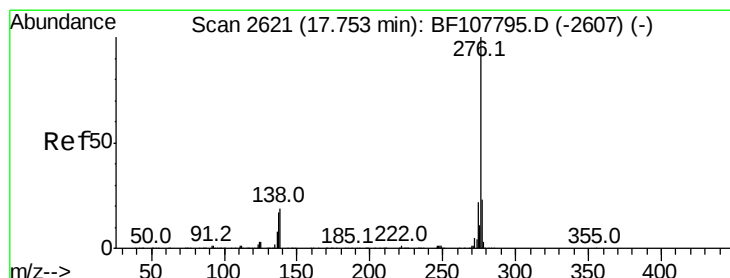
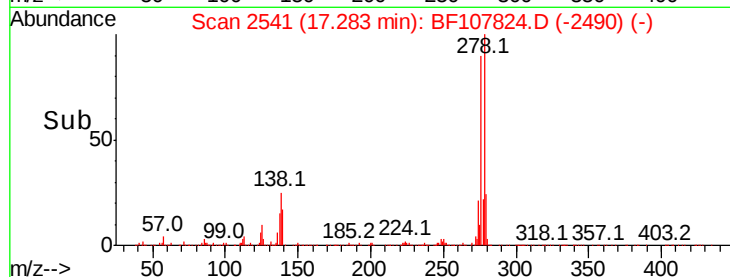
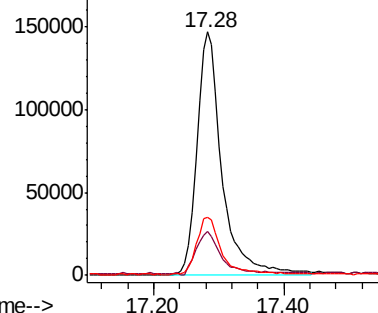
#90
Dibenzo(a,h)anthracene
Concen: 26.762 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	24.0	19.0	28.4

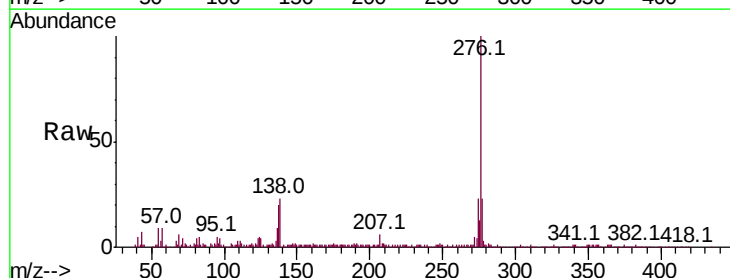


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 26.312 ng
RT: 17.75 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BF107824.D
Acq: 31 Jul 2018 2:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	22.6	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

