

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107825.D
 Acq On : 31 Jul 2018 2:34
 Operator : JU/SJ
 Sample : J4210-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 04:54:47 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	169935	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	637850	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	238811	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	439387	20.00	ng	0.00
75) Chrysene-d12	14.15	240	463311	20.00	ng	0.00
86) Perylene-d12	15.69	264	371165	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	944809	94.49	ng	0.01
7) Phenol-d6	6.61	99	1113143	84.47	ng	0.00
23) Nitrobenzene-d5	7.53	82	733218	66.22	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	241413	74.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1153650	67.32	ng	0.00
78) Terphenyl-d14	13.08	244	1149663	53.81	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.86	88	117580	27.832	ng	# 86
3) Pyridine	3.66	79	180797	19.650	ng	# 86
4) n-Nitrosodimethylamine	3.63	42	65147	12.805	ng	# 91
6) Aniline	6.64	93	194559	14.194	ng	# 20
8) 2-Chlorophenol	6.76	128	359597	28.631	ng	# 97
9) Benzaldehyde	6.52	77	152858	19.226	ng	# 96
10) Phenol	6.62	94	412902	26.274	ng	# 93
11) bis(2-Chloroethyl)ether	6.70	93	312012	22.328	ng	# 92
12) 1,3-Dichlorobenzene	6.91	146	382274	29.019	ng	# 97
13) 1,4-Dichlorobenzene	6.98	146	420620	28.684	ng	# 99
14) 1,2-Dichlorobenzene	7.13	146	384220	28.226	ng	# 99
15) Benzyl Alcohol	7.11	79	242176	29.567	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	610364	30.380	ng	# 73
17) 2-Methylphenol	7.22	107	256682	27.684	ng	# 77
18) Hexachloroethane	7.47	117	122707	23.280	ng	# 93
19) n-Nitroso-di-n-propylamine	7.37	70	250130	29.922	ng	# 97
20) 3+4-Methylphenols	7.38	107	298704	26.241	ng	# 76
22) Acetophenone	7.37	105	513440	33.458	ng	# 93
24) Nitrobenzene	7.55	77	334961	28.852	ng	# 97
25) Isophorone	7.78	82	653727	35.970	ng	# 98
26) 2-Nitrophenol	7.87	139	164435	28.222	ng	# 97
27) 2,4-Dimethylphenol	7.90	122	267831	34.334	ng	# 98
28) bis(2-Chloroethoxy)methane	7.99	93	427327	35.678	ng	# 100
29) 2,4-Dichlorophenol	8.11	162	255362	28.941	ng	# 98
30) 1,2,4-Trichlorobenzene	8.18	180	302157	30.017	ng	# 98
31) Naphthalene	8.27	128	967349	32.626	ng	# 99
32) Benzoic acid	7.90	122	267831	50.647	ng	# 15
33) 4-Chloroaniline	8.33	127	182533	14.413	ng	# 93
34) Hexachlorobutadiene	8.37	225	176320	28.345	ng	# 98
35) Caprolactam	8.68	113	62836	23.656	ng	# 80
36) 4-Chloro-3-methylphenol	8.81	107	272786	28.466	ng	# 97
37) 2-Methylnaphthalene	8.96	142	603208	32.388	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	279477	34.324	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	18406	12.179	ng	# 97

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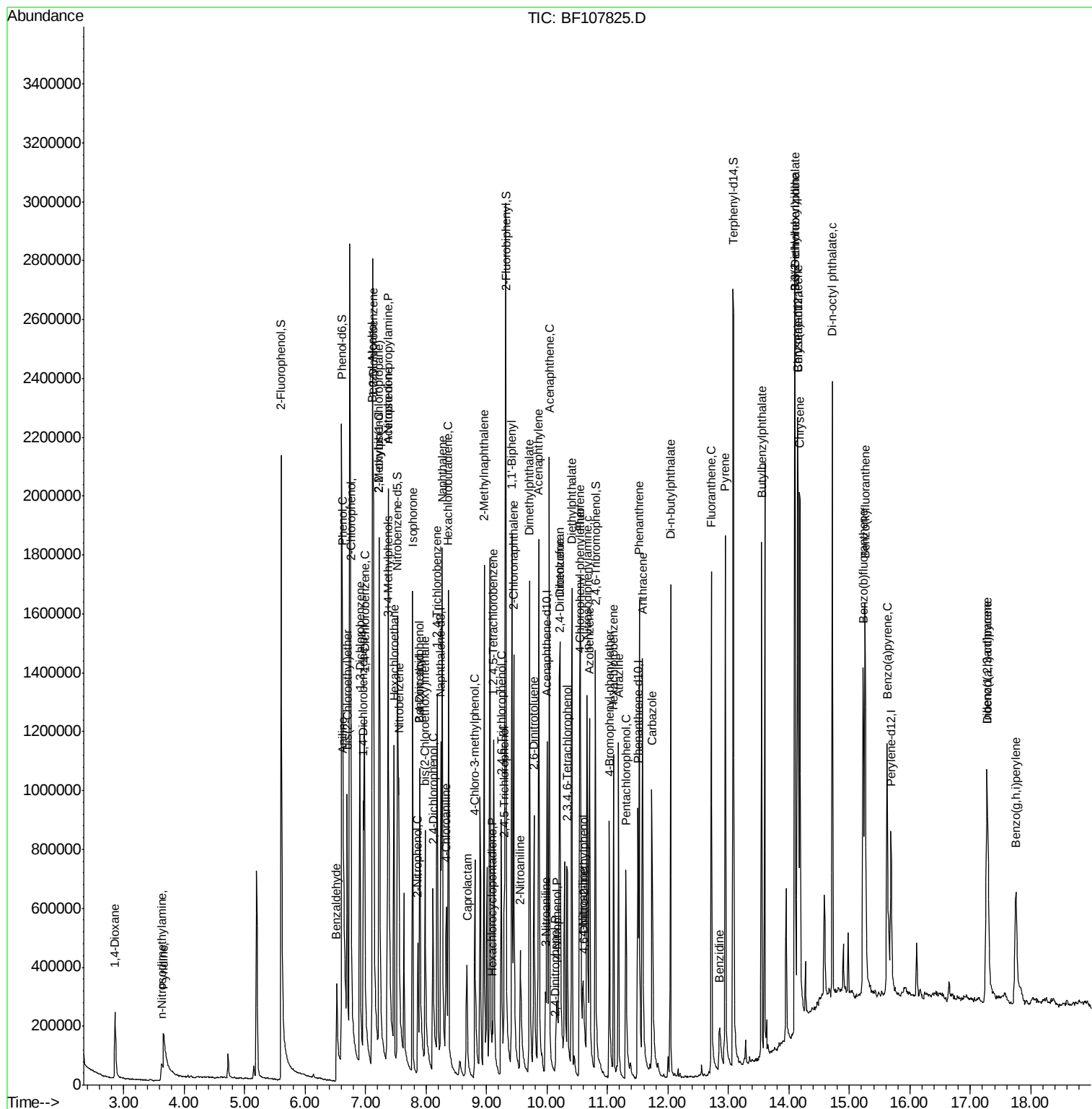
Instrument :
 BNA_F
 ClientSampleId :

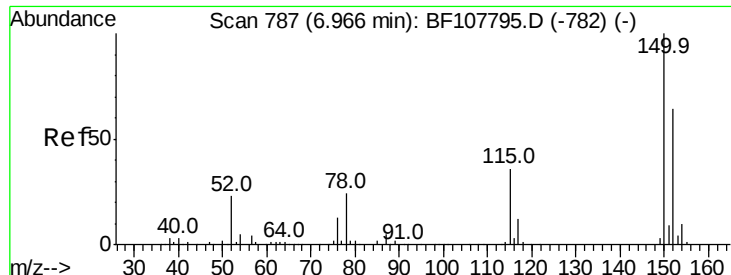
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	152769	33.939	ng	97
43) 2,4,5-Trichlorophenol	9.30	196	166749	30.771	ng	94
45) 1,1'-Biphenyl	9.42	154	743909	34.229	ng	99
46) 2-Chloronaphthalene	9.45	162	530431	32.365	ng	98
47) 2-Nitroaniline	9.56	65	177956	33.382	ng	92
48) Acenaphthylene	9.87	152	836696	32.931	ng	100
49) Dimethylphthalate	9.71	163	692538	38.614	ng	100
50) 2,6-Dinitrotoluene	9.79	165	116409	29.867	ng	91
51) Acenaphthene	10.04	154	474833	32.172	ng	99
52) 3-Nitroaniline	9.98	138	128982	26.262	ng	95
53) 2,4-Dinitrophenol	10.13	184	1457	9.075	ng #	1
54) Dibenzofuran	10.21	168	695043	30.468	ng	99
55) 4-Nitrophenol	10.17	139	75073	38.010	ng	94
56) 2,4-Dinitrotoluene	10.20	165	136193	26.586	ng #	88
57) Fluorene	10.55	166	529059	29.842	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	125677	25.250	ng #	86
59) Diethylphthalate	10.41	149	605013	31.375	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	265443	27.484	ng	90
61) 4-Nitroaniline	10.59	138	124555	28.577	ng	91
62) Azobenzene	10.70	77	526556	29.320	ng	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	5820	2.435	ng #	23
65) n-Nitrosodiphenylamine	10.67	169	462759	31.985	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	155469	30.357	ng #	84
67) Hexachlorobenzene	11.10	284	160266	28.221	ng	92
68) Atrazine	11.18	200	131269	30.656	ng	97
69) Pentachlorophenol	11.31	266	128166	45.845	ng	99
70) Phenanthrene	11.52	178	683497	32.761	ng	98
71) Anthracene	11.58	178	791972	32.910	ng	98
72) Carbazole	11.74	167	760344	31.973	ng	98
73) Di-n-butylphthalate	12.04	149	845833	32.602	ng	99
74) Fluoranthene	12.72	202	878935	35.860	ng	98
76) Benzidine	12.85	184	145576	9.718	ng	98
77) Pyrene	12.95	202	880111	26.380	ng	98
79) Butylbenzylphthalate	13.55	149	403017	27.585	ng	93
80) Benzo(a)anthracene	14.14	228	831468	31.681	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	284069	27.922	ng	96
82) Chrysene	14.18	228	846300	29.896	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	553391	30.130	ng	100
84) Di-n-octyl phthalate	14.72	149	1056986	35.854	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	554518	25.754	ng	95
87) Benzo(b)fluoranthene	15.23	252	605304	33.066	ng	98
88) Benzo(k)fluoranthene	15.26	252	754888	33.588	ng	98
89) Benzo(a)pyrene	15.62	252	595856	31.530	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	476660	28.916	ng	98
91) Benzo(g,h,i)perylene	17.75	276	447616	28.063	ng	94

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

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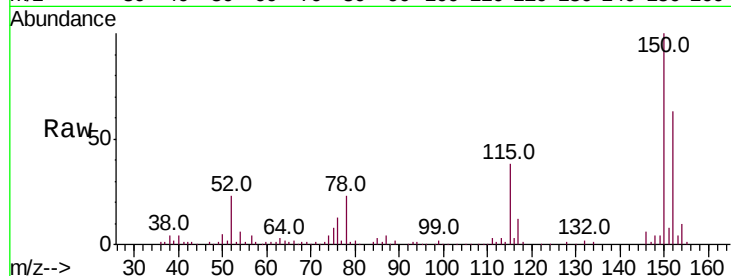


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	60.2	50.1	75.1

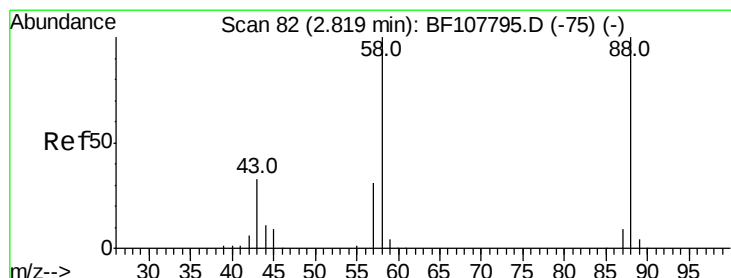
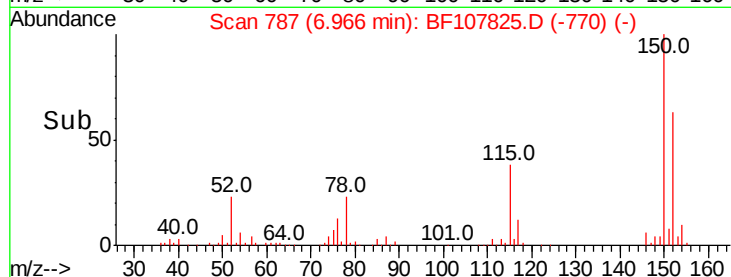
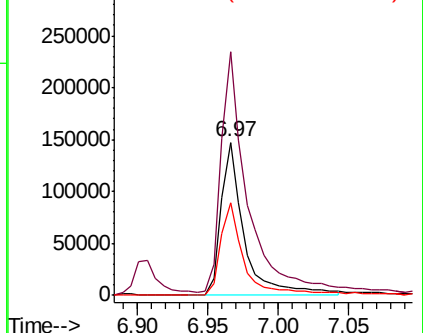


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

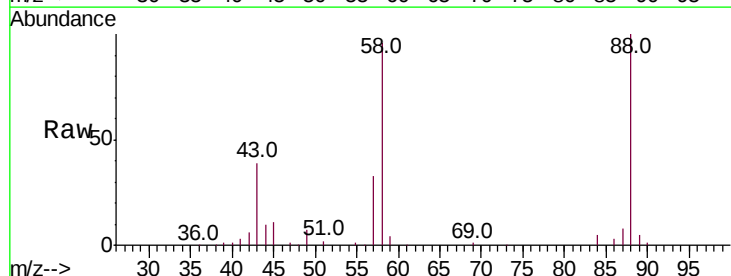
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.832 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.04 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.5	62.6	93.8#
43	30.3	24.6	37.0

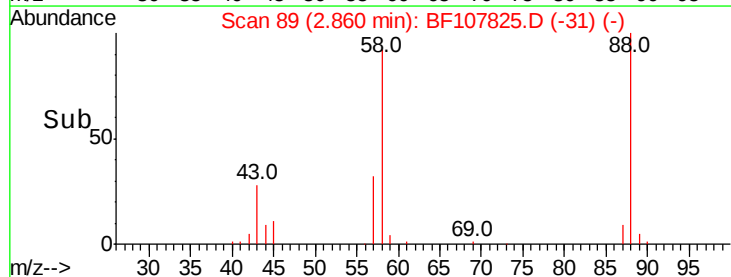
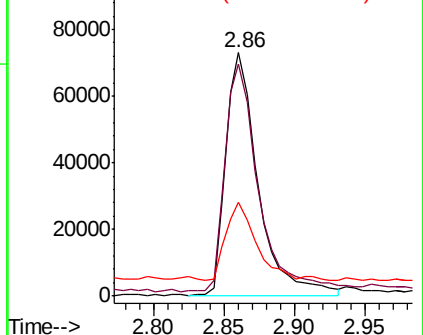


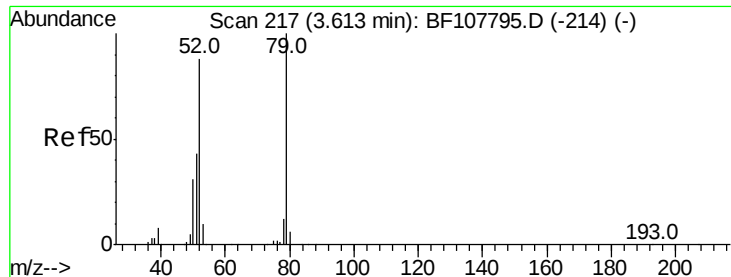
Abundance

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: 19.650 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

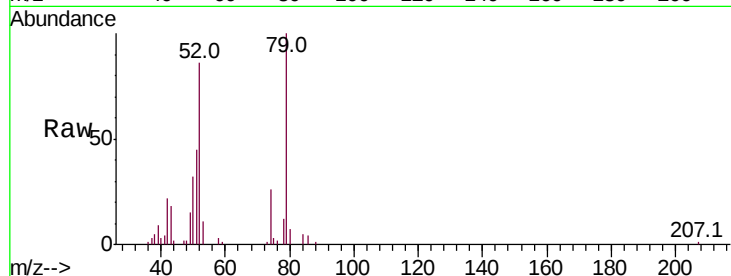
Tot Ion: 79 Resp: 180797

Ion Ratio Lower Upper

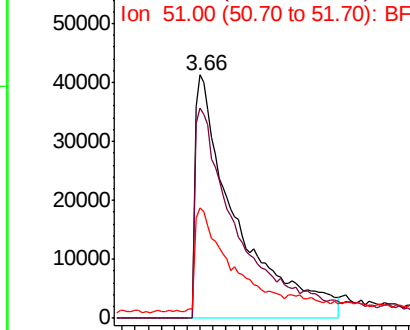
79 100

52 86.4 59.8 89.6

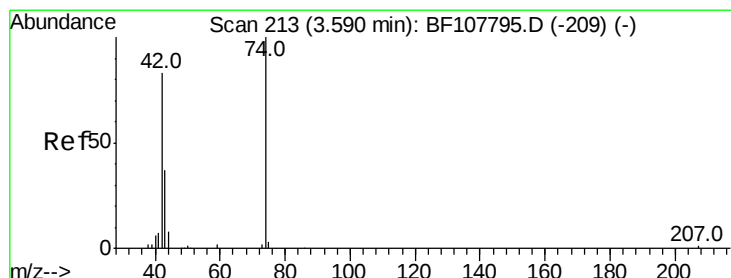
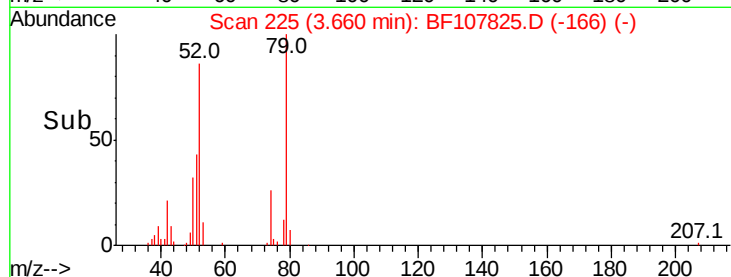
51 45.3 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



Time-->



#4

n-Nitrosodimethylamine

Concen: 12.805 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.04 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

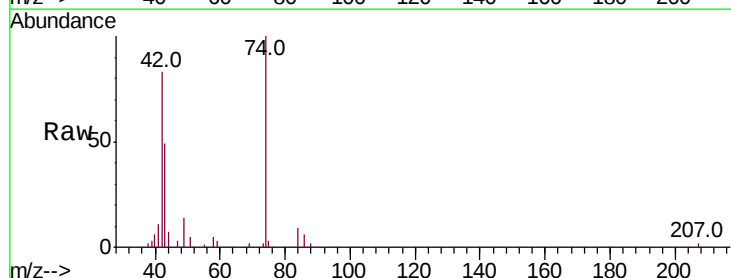
Tgt Ion: 42 Resp: 65147

Ion Ratio Lower Upper

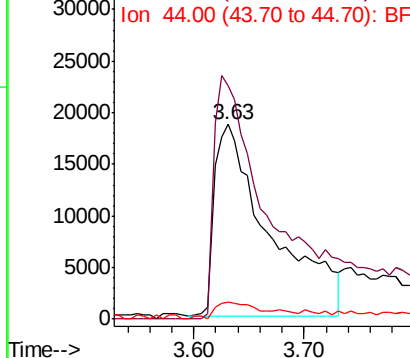
42 100

74 120.0 104.9 157.3

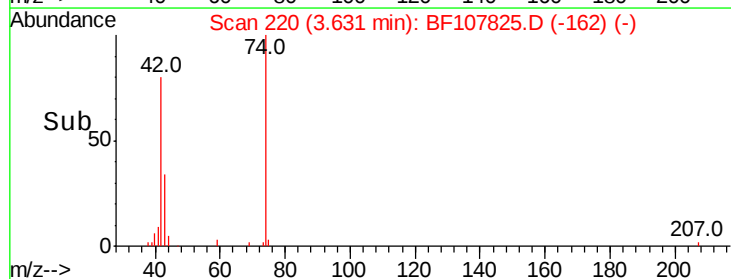
44 8.6 6.9 10.3

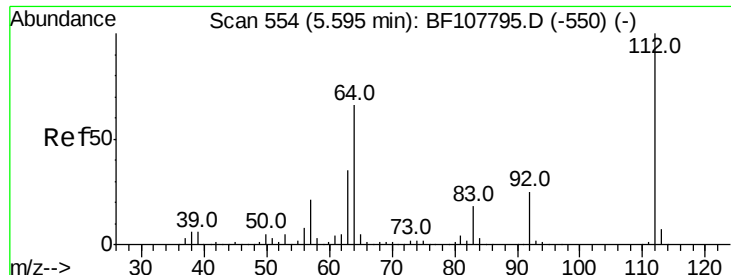


Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1



Time-->





#5

2-Fluorophenol

Concen: 94.492 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampled :

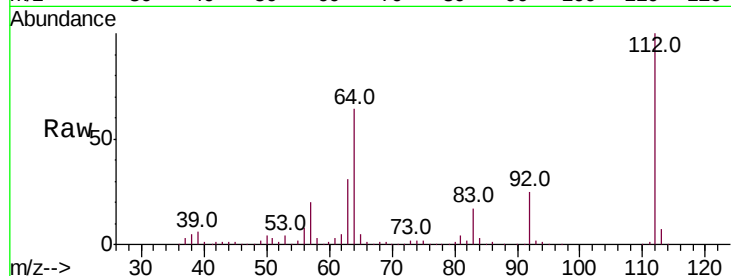
Tot Ion:112 Resp: 944809

Ion Ratio Lower Upper

112 100

64 64.4 47.9 71.9

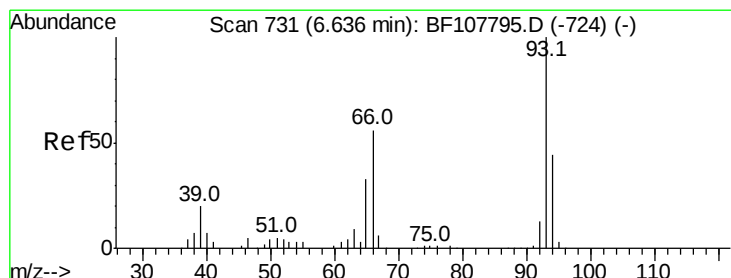
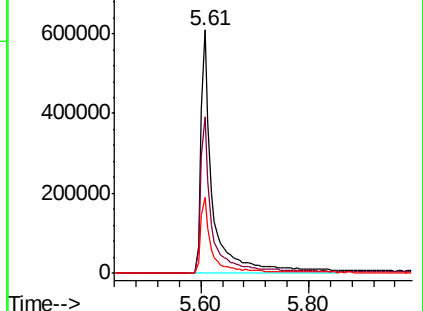
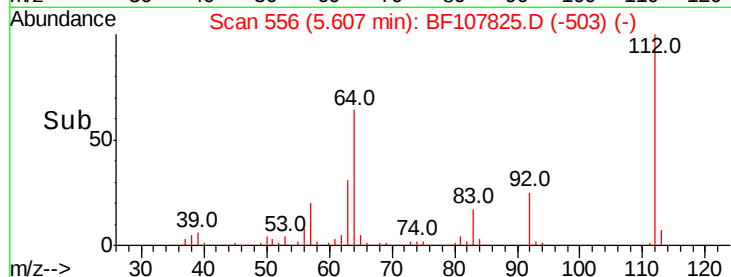
63 31.3 23.7 35.5



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: 14.194 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

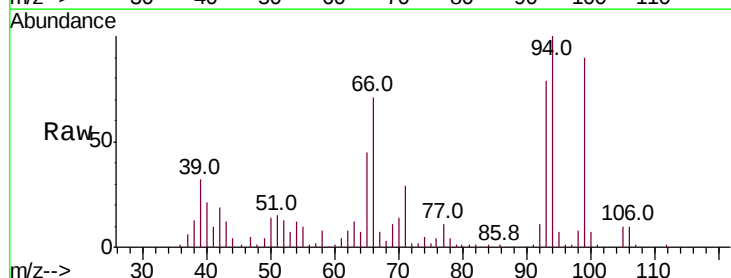
Tgt Ion: 93 Resp: 194559

Ion Ratio Lower Upper

93 100

66 89.6 32.2 48.2#

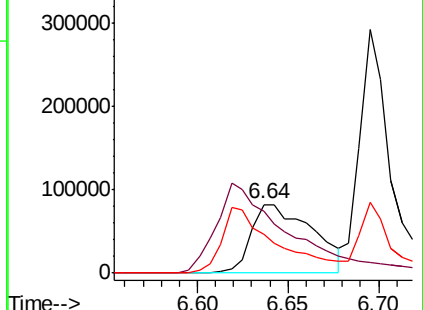
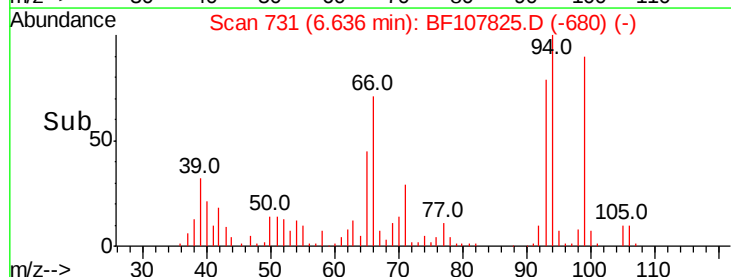
65 57.3 16.4 24.6#

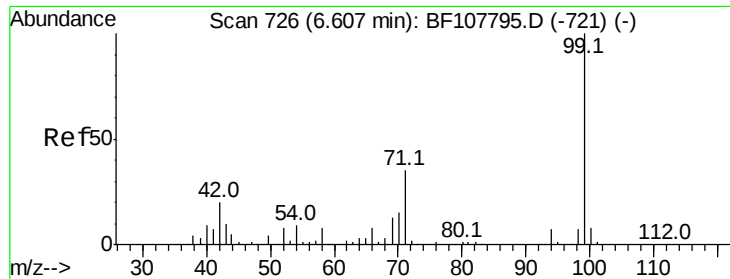


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.470 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

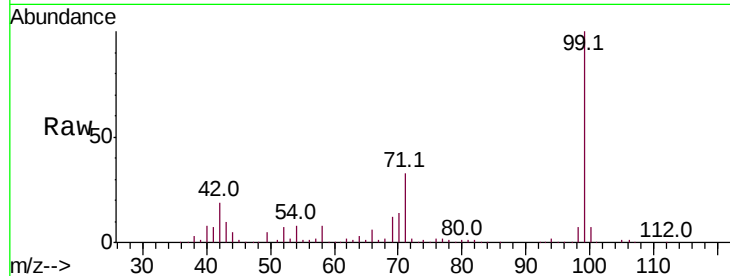
Tot Ion: 99 Resp: 1113143

Ion Ratio Lower Upper

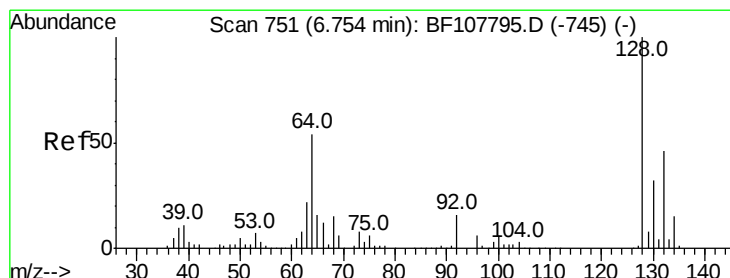
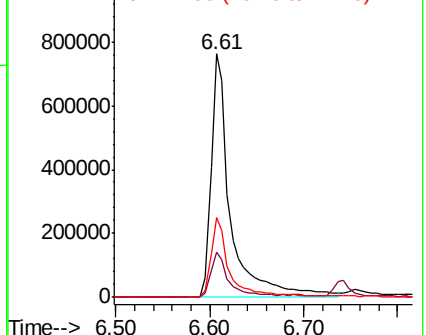
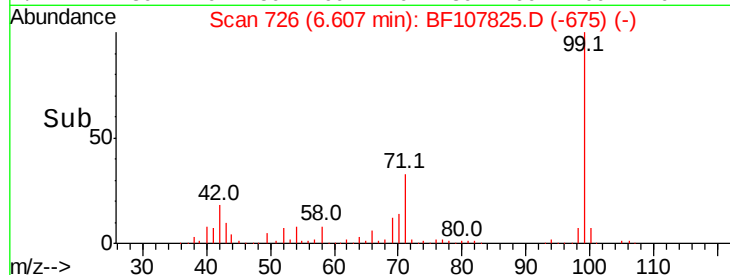
99 100

42 18.5 14.5 21.7

71 32.5 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: 28.631 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

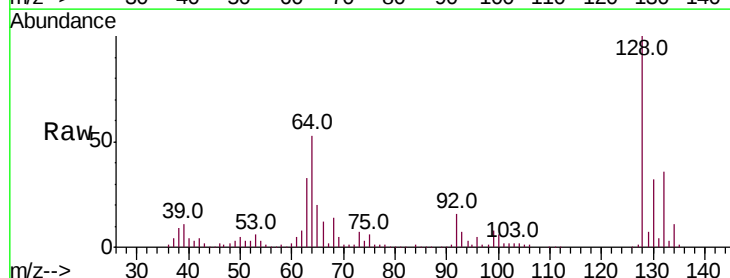
Tgt Ion: 128 Resp: 359597

Ion Ratio Lower Upper

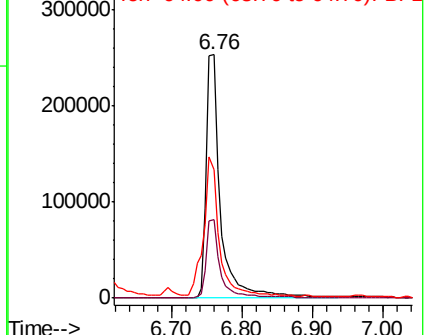
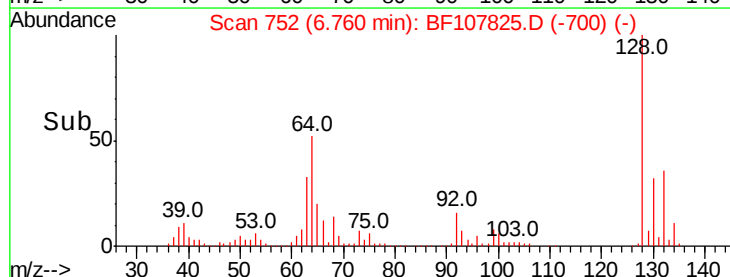
128 100

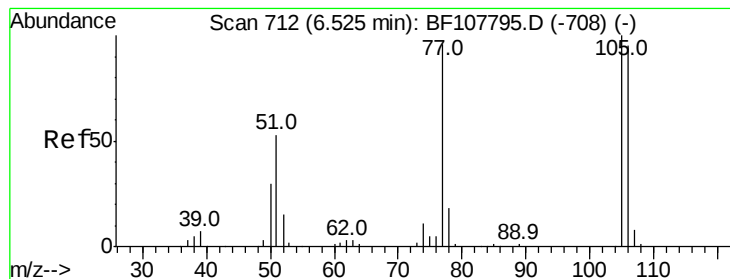
130 32.4 13.0 53.0

64 52.5 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: 19.226 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampled :

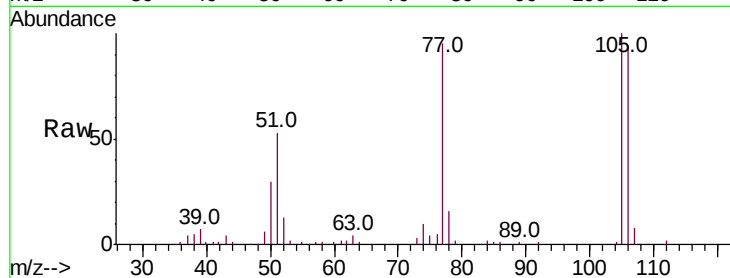
Tot Ion: 77 Resp: 152858

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

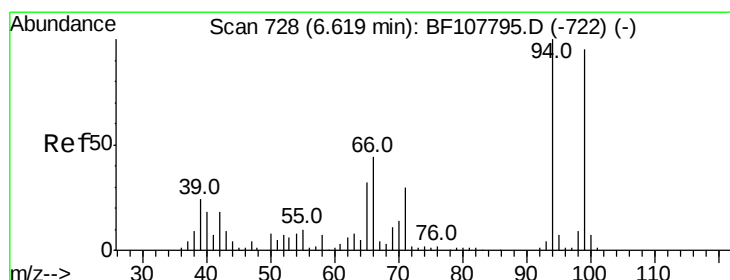
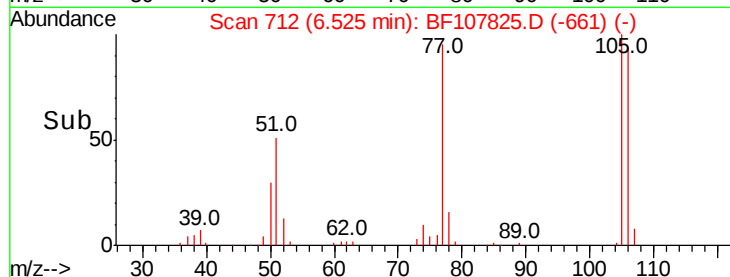
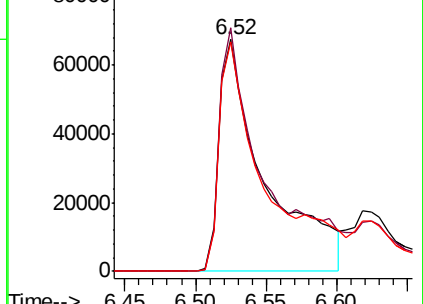
106 99.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.274 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

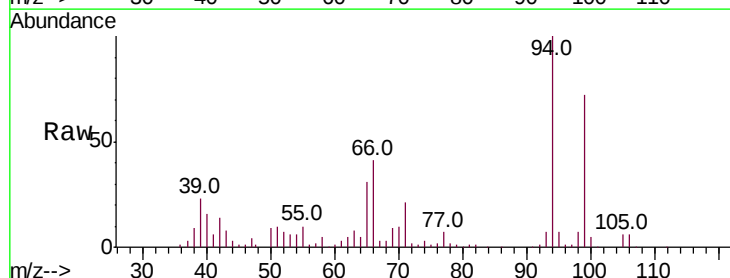
Tgt Ion: 94 Resp: 412902

Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

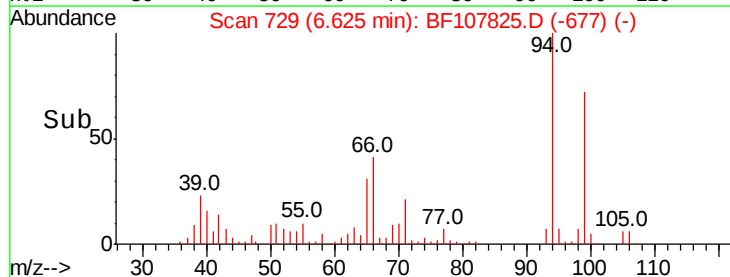
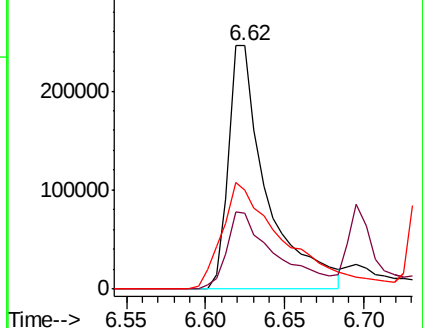
66 40.6 16.2 56.2

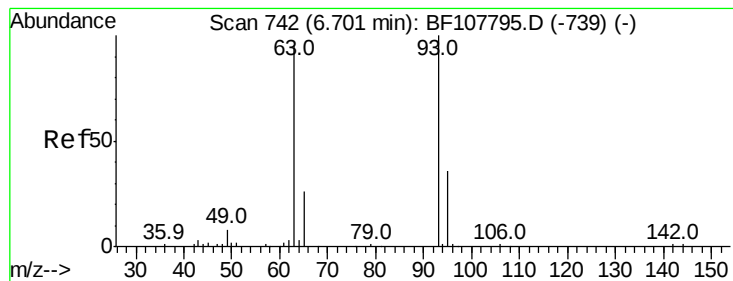


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

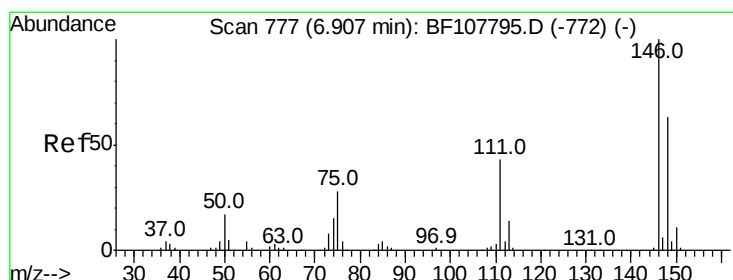
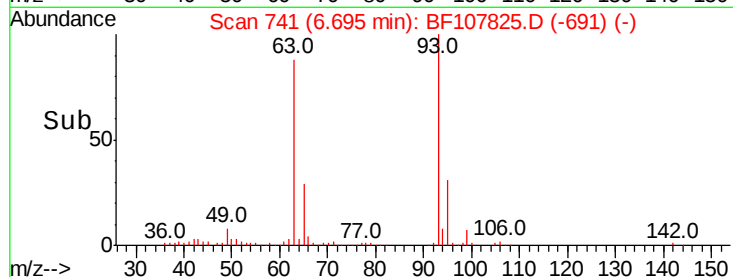
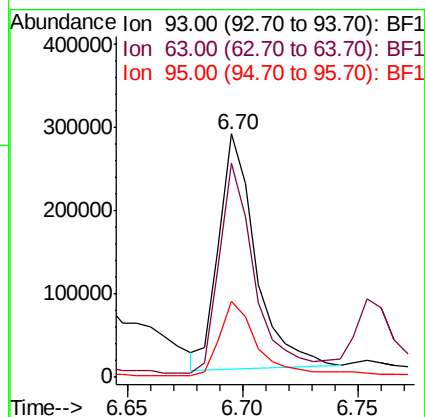
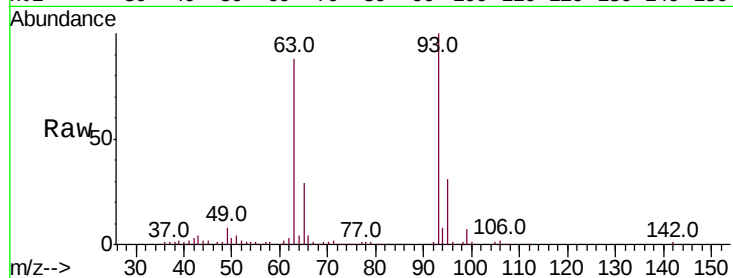




#11
bis(2-Chloroethyl)ether
Concen: 22.328 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

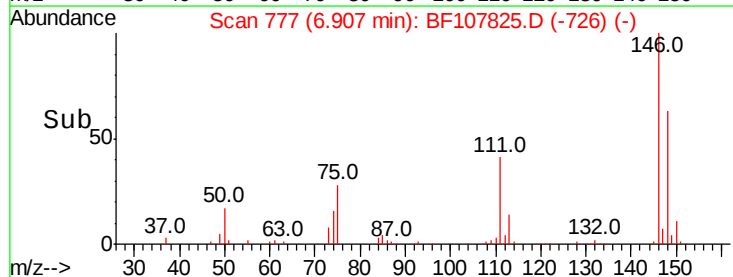
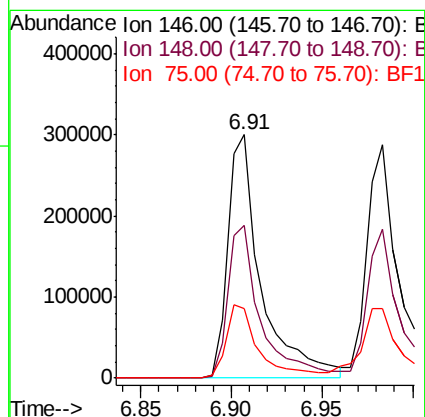
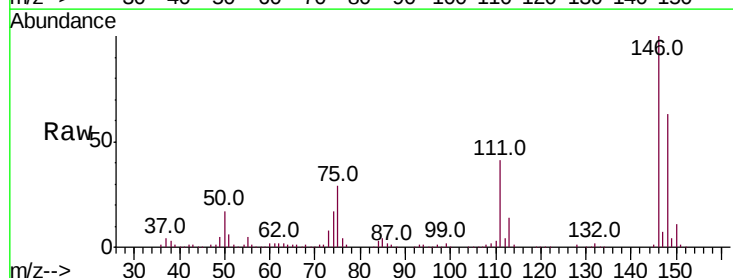
Instrument :
BNA_F
ClientSampleId :

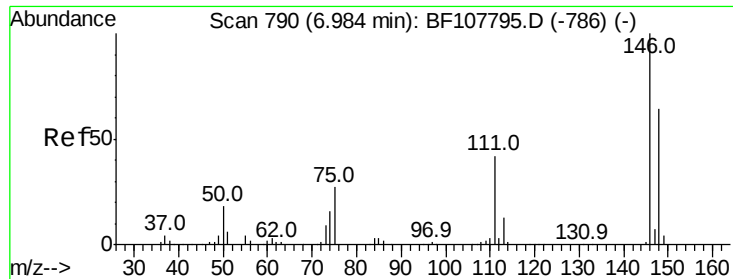
Tot Ion: 93 Resp: 312012
Ion Ratio Lower Upper
93 100
63 88.1 58.6 98.6
95 31.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 29.019 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion: 146 Resp: 382274
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.8
75 28.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 28.684 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

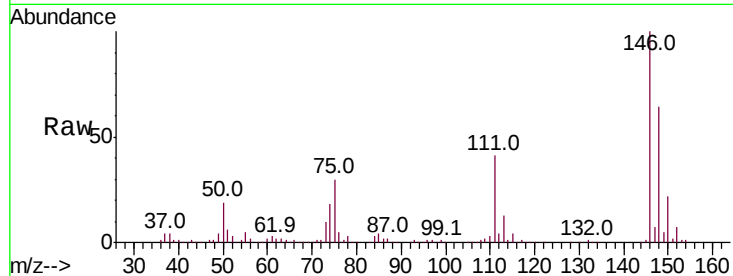
Tot Ion:146 Resp: 420620

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

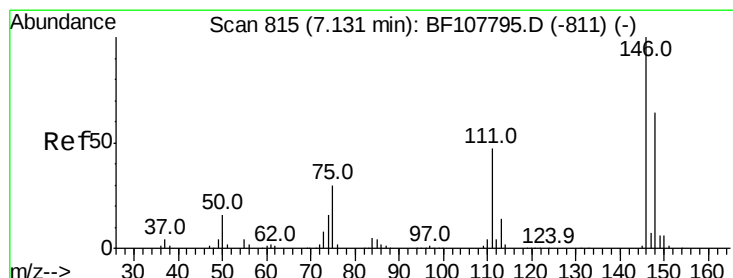
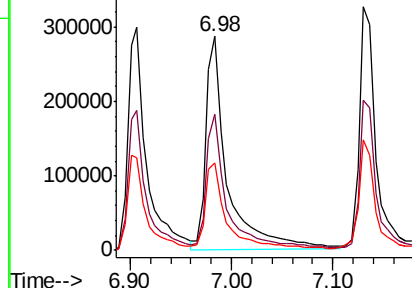
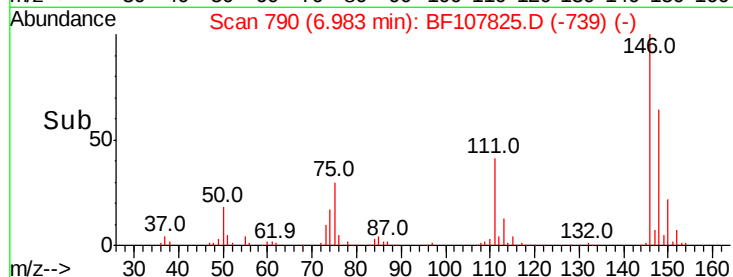
111 41.2 34.2 51.2



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: 28.226 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

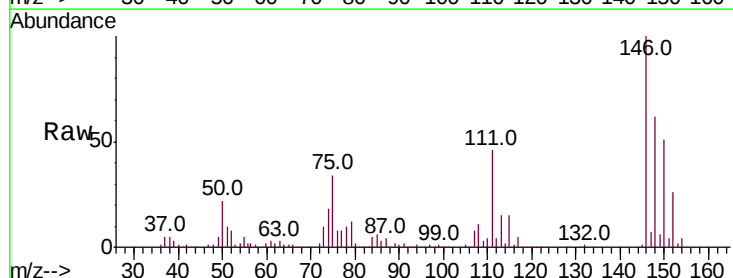
Tgt Ion:146 Resp: 384220

Ion Ratio Lower Upper

146 100

148 61.7 50.6 75.8

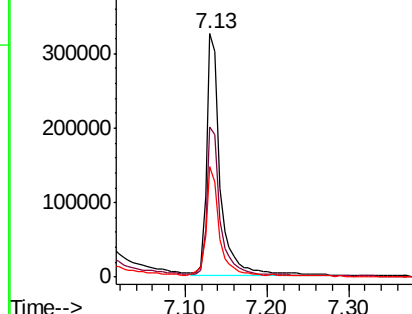
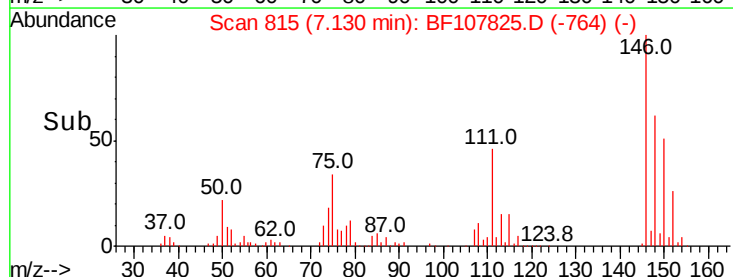
111 45.6 36.0 54.0

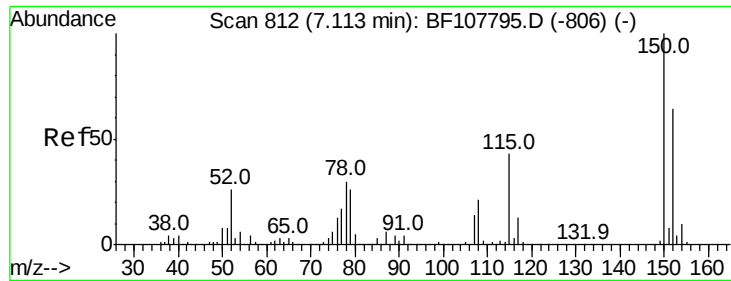


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

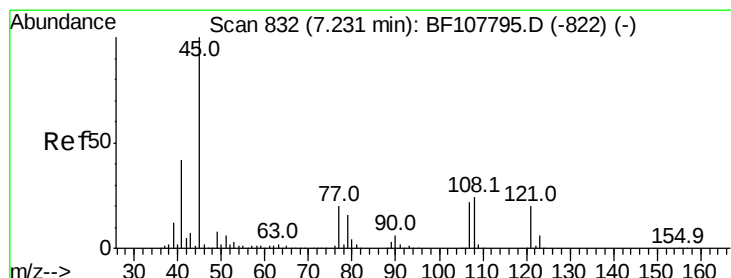
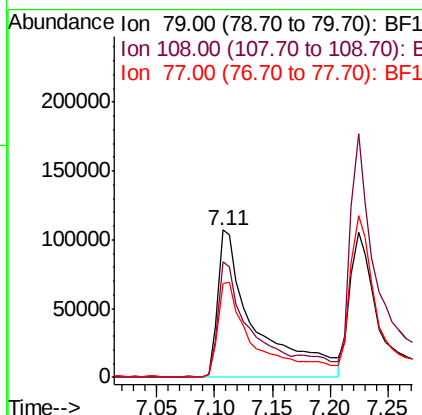
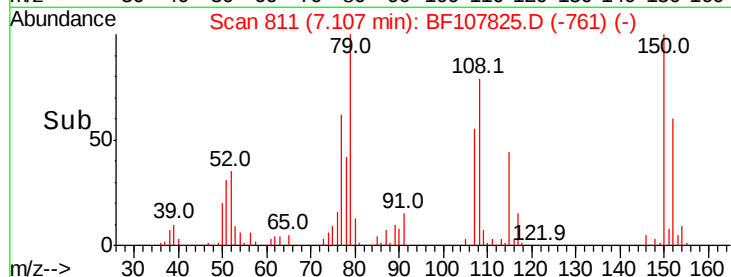
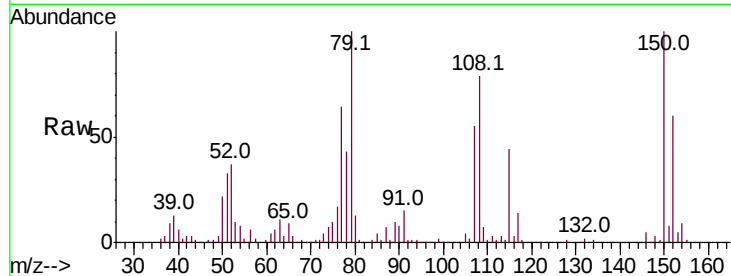




#15
Benzyl Alcohol
Concen: 29.567 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

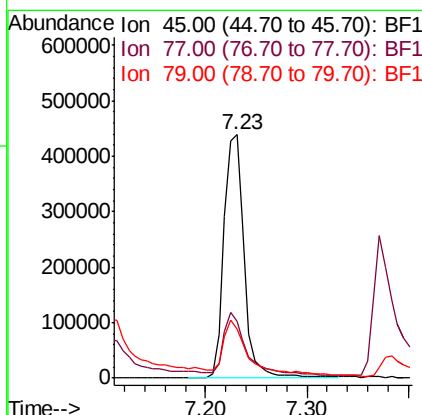
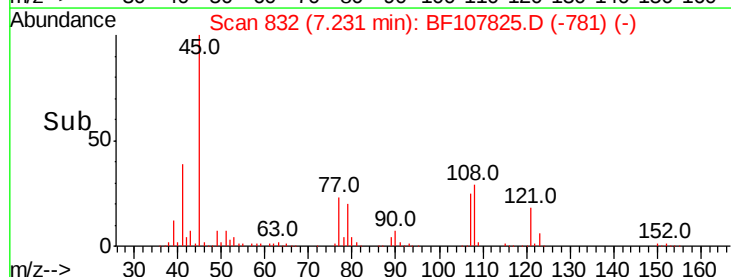
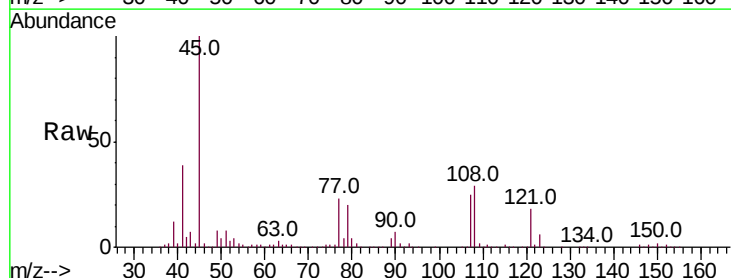
Instrument :
BNA_F
ClientSampled :

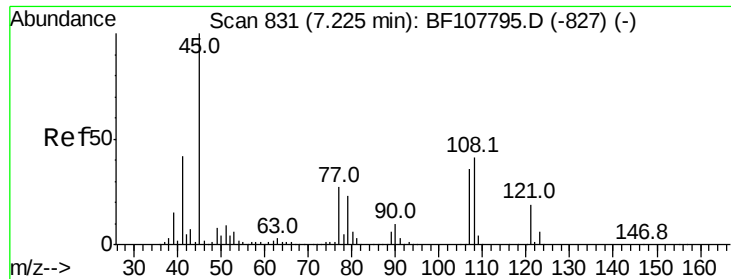
Tot Ion: 79 Resp: 242176
Ion Ratio Lower Upper
79 100
108 78.8 65.1 97.7
77 63.9 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.380 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion: 45 Resp: 610364
Ion Ratio Lower Upper
45 100
77 23.1 0.0 32.9
79 20.3 0.0 29.6

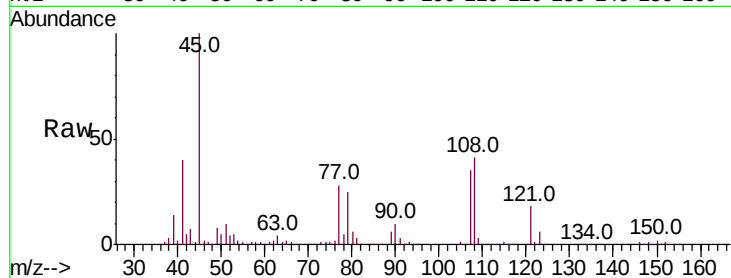




#17
2-Methylphenol
Concen: 27.684 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.3	91.7	137.5
77	78.1	33.8	50.8#
79	69.8	33.8	50.8#



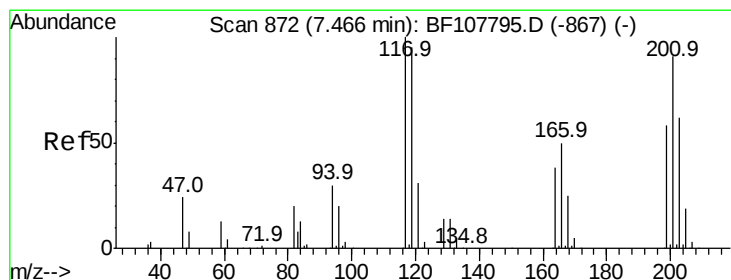
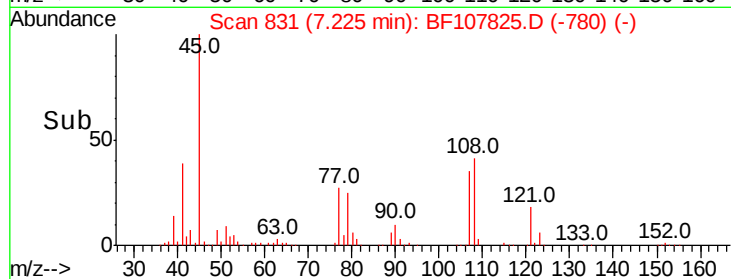
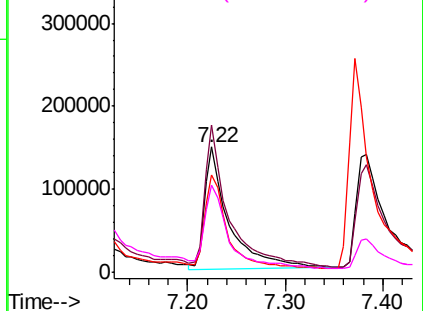
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

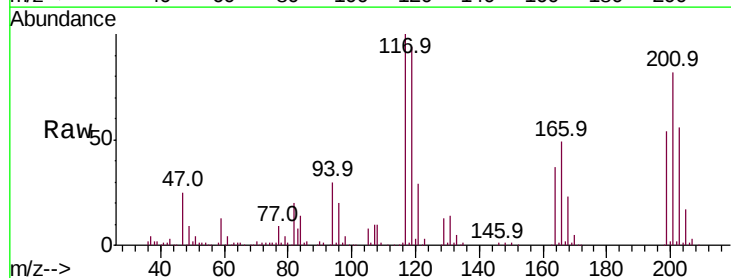
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 23.280 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.8
201	82.4	75.7	113.5

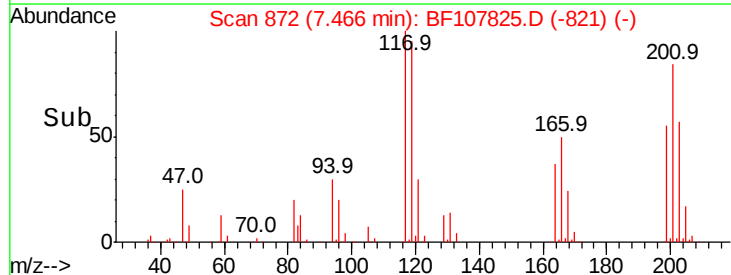
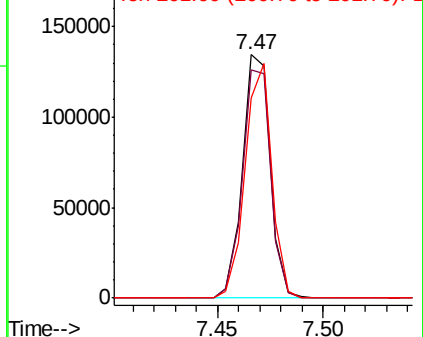


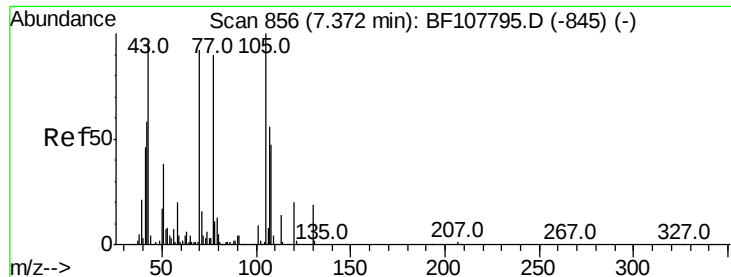
Abundance

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

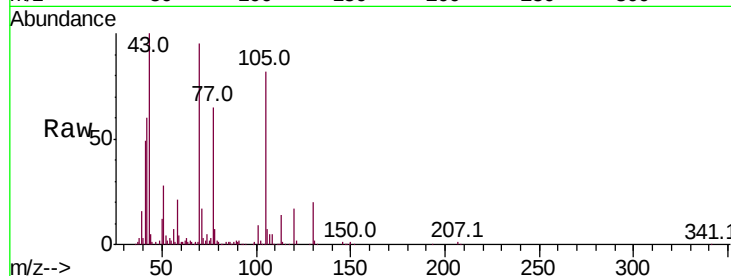




#19
n-Nitroso-di-n-propylamine
Concen: 29.922 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.5	71.3
101	9.2	7.4	11.2
130	20.7	16.6	25.0



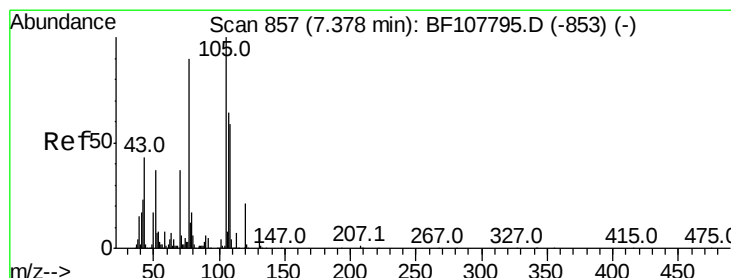
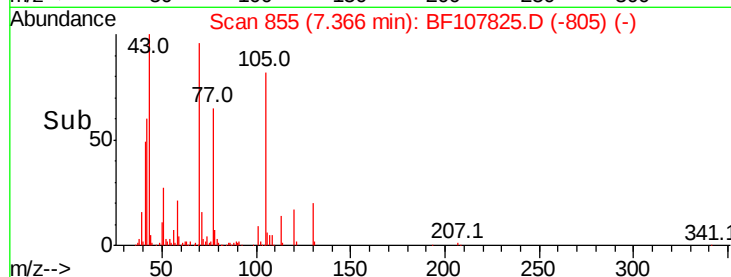
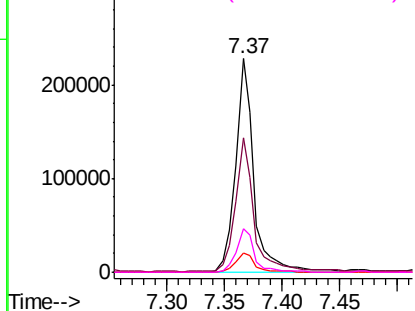
Abundance

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: 26.241 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	97.7	26.7	66.7#
79	28.3	6.3	46.3

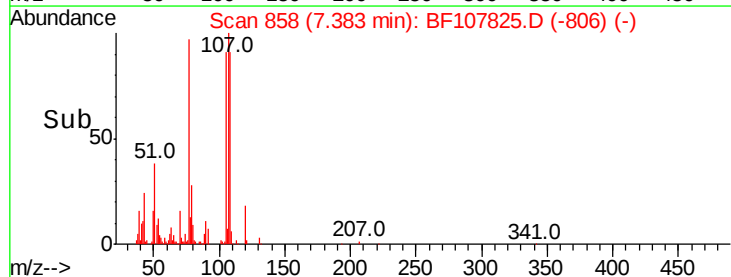
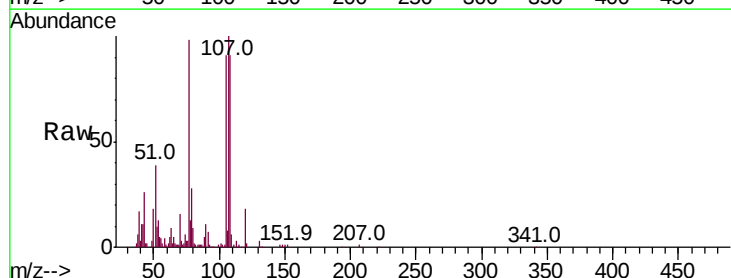
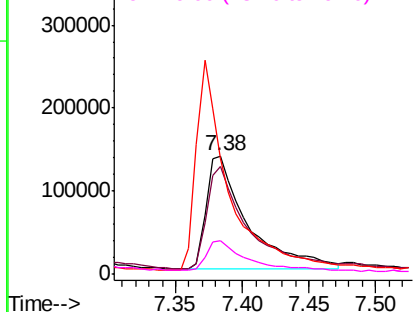
Abundance

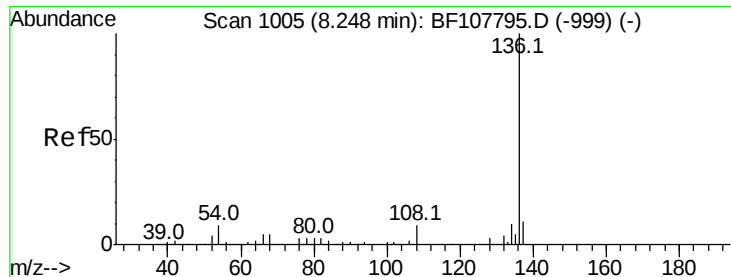
Ion 107.00 (106.70 to 107.70): BF1

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: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 637850

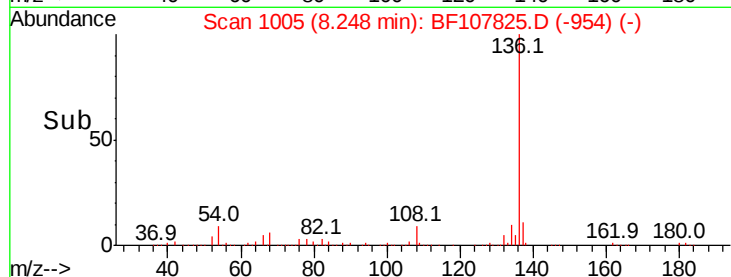
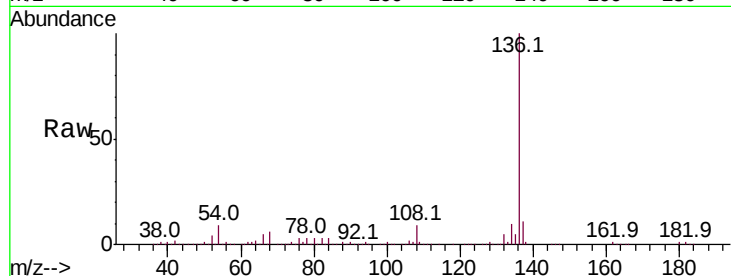
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.8 6.6 9.8

68 6.2 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

8.25

600000

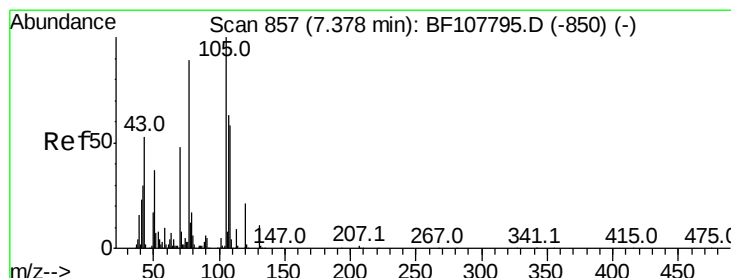
400000

200000

0

8.20 8.30 8.40

Time-->



#22

Acetophenone

Concen: 33.458 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Tgt Ion:105 Resp: 513440

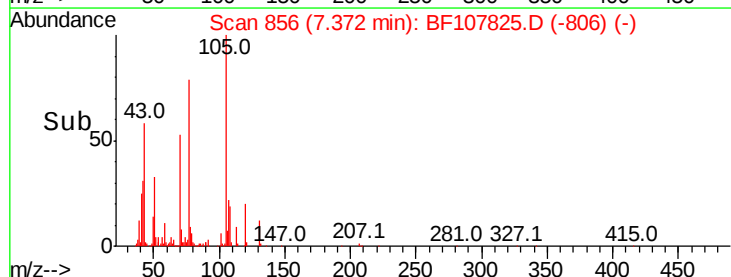
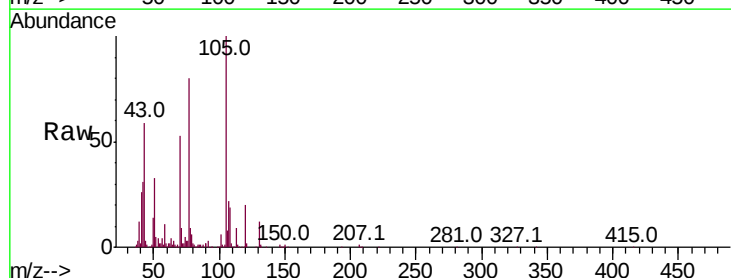
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 33.3 22.3 33.5

120 20.3 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

7.37

500000

400000

300000

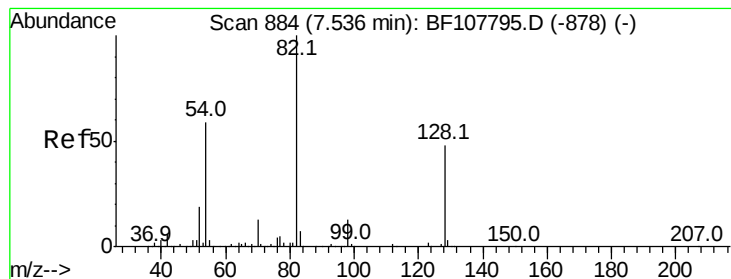
200000

100000

0

7.30 7.40 7.50 7.60

Time-->



#23

Nitrobenzene-d5

Concen: 66.224 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampled :

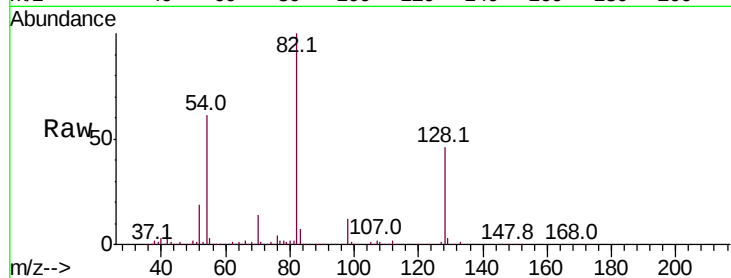
Tot Ion: 82 Resp: 733218

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

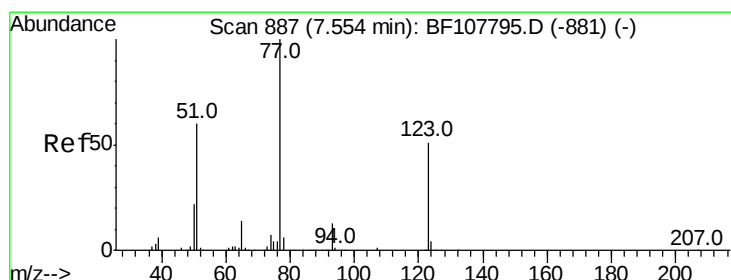
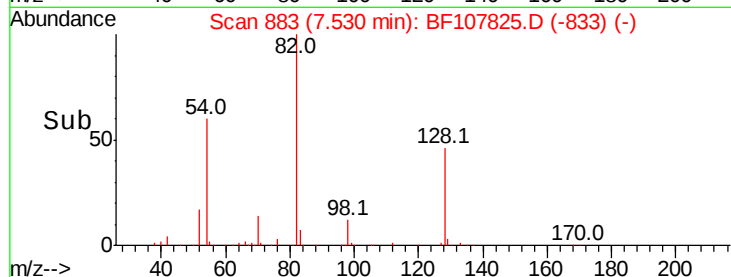
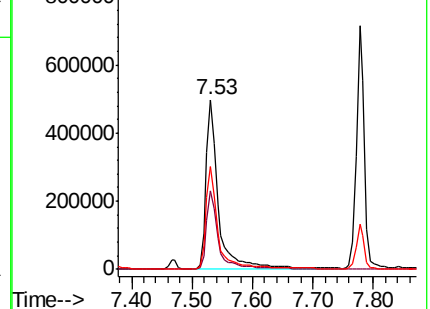
54 60.6 41.4 62.2



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: 28.852 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

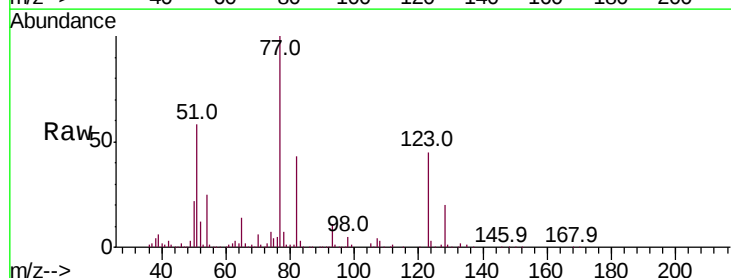
Tgt Ion: 77 Resp: 334961

Ion Ratio Lower Upper

77 100

123 44.8 37.9 56.9

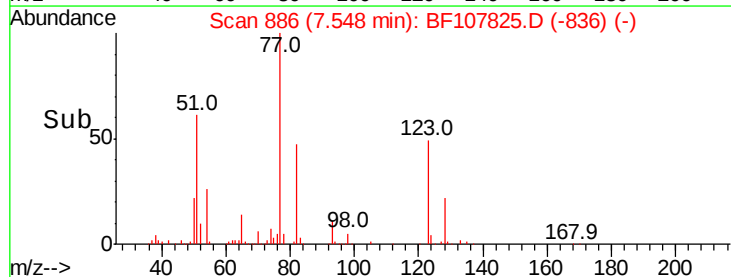
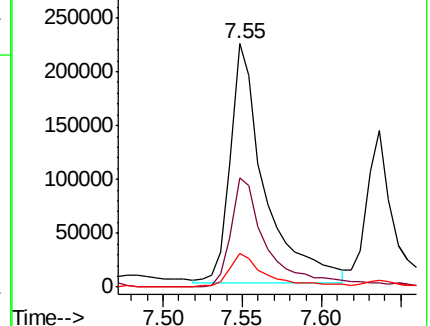
65 13.9 11.0 16.4

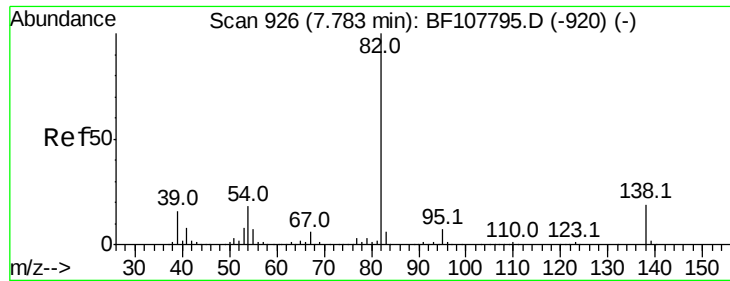


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.970 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampled :

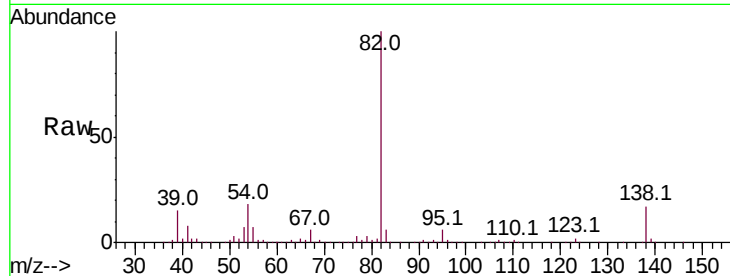
Tot Ion: 82 Resp: 653727

Ion Ratio Lower Upper

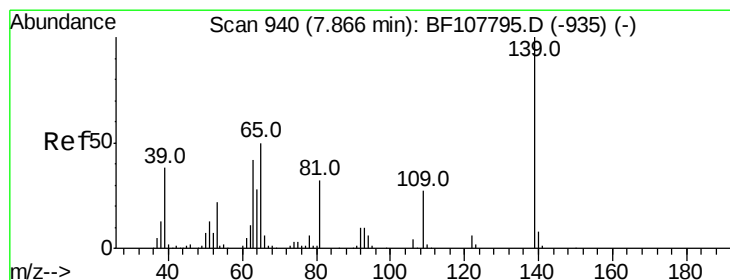
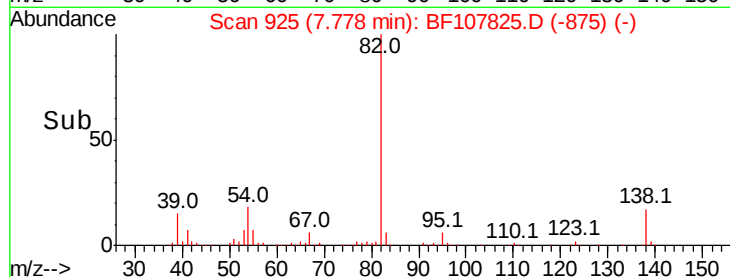
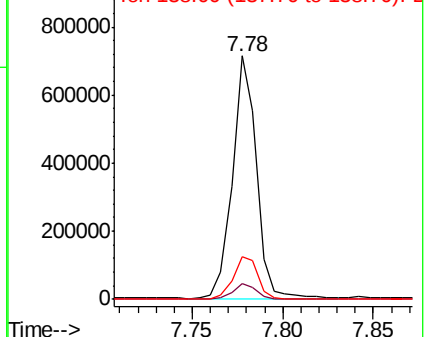
82 100

95 6.3 5.2 7.8

138 17.4 14.9 22.3



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



#26

2-Nitrophenol

Concen: 28.222 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

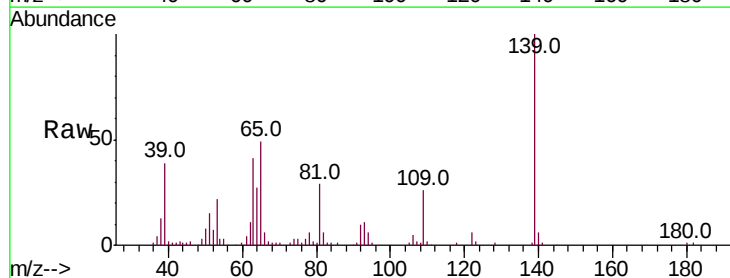
Tgt Ion:139 Resp: 164435

Ion Ratio Lower Upper

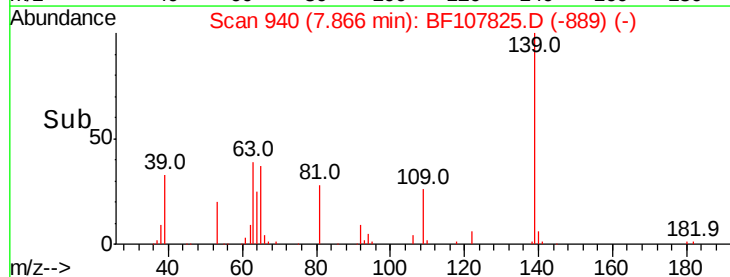
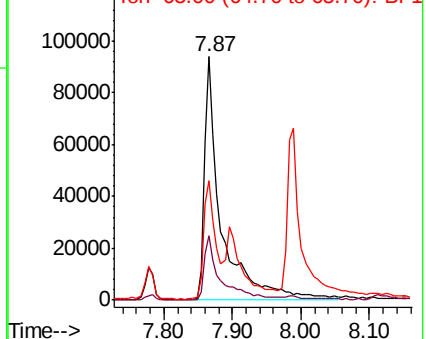
139 100

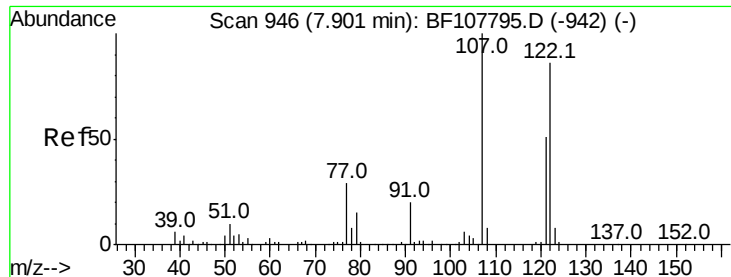
109 26.3 22.7 34.1

65 49.0 40.5 60.7



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

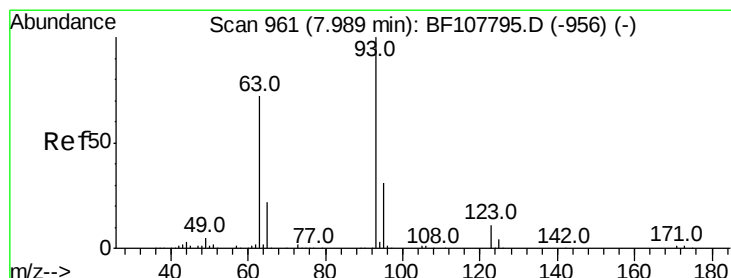
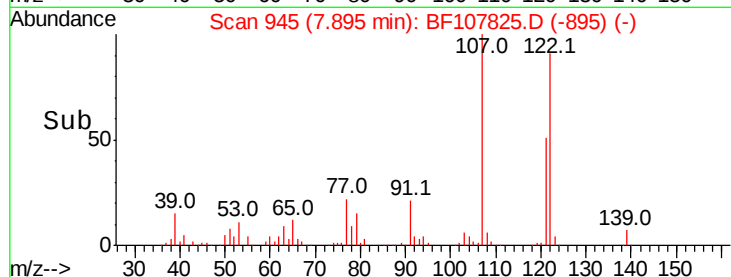
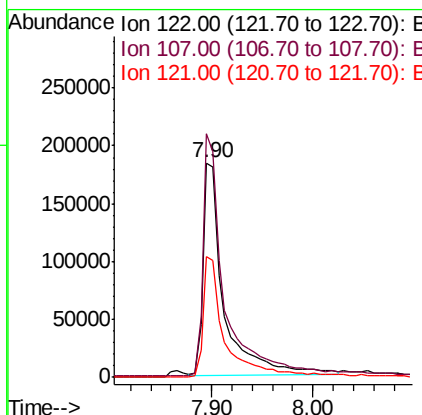
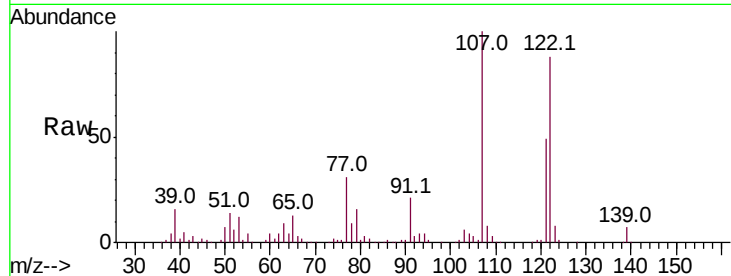




#27
2,4-Dimethylphenol
Concen: 34.334 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

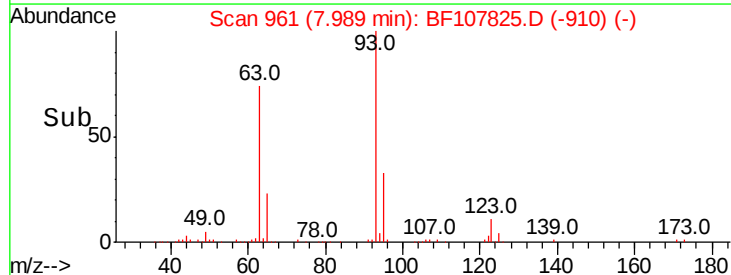
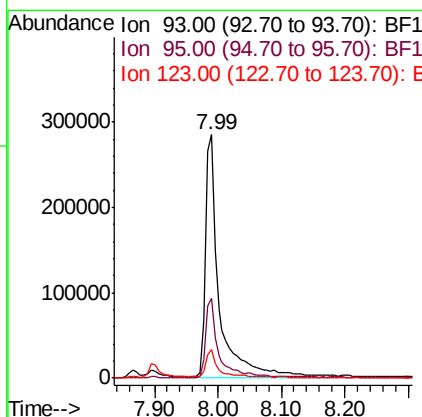
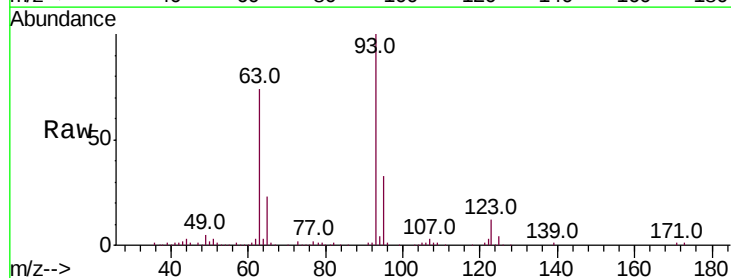
Instrument :
BNA_F
ClientSampleId :

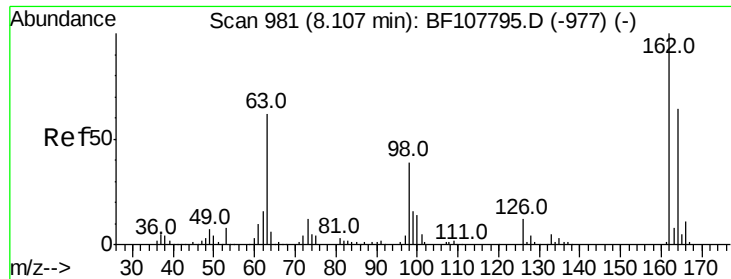
Tot Ion:122 Resp: 267831
Ion Ratio Lower Upper
122 100
107 113.4 91.2 136.8
121 56.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 35.678 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion: 93 Resp: 427327
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 11.8 9.8 14.6

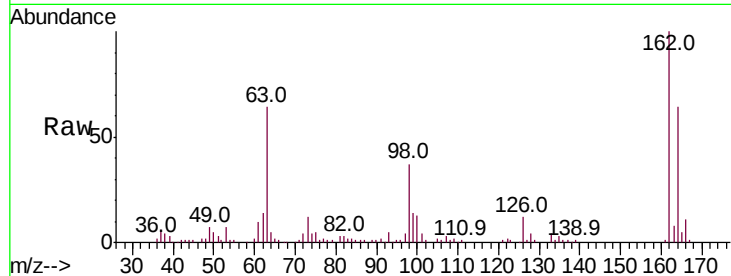




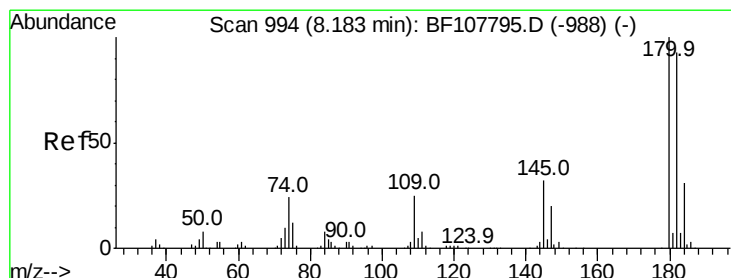
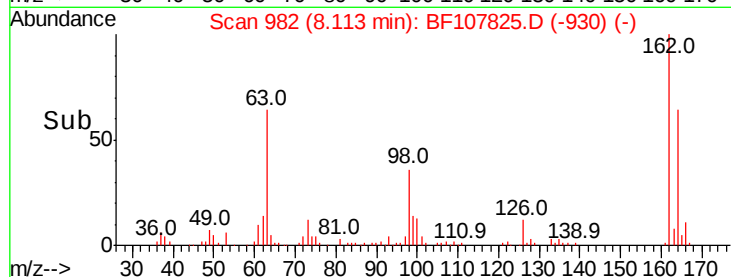
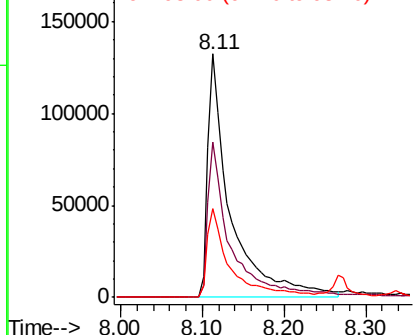
#29
2,4-Dichlorophenol
Concen: 28.941 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 255362
Ion Ratio Lower Upper
162 100
164 63.5 42.7 82.7
98 36.6 18.1 58.1

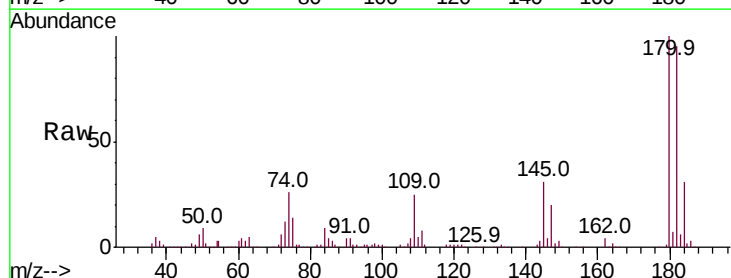


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

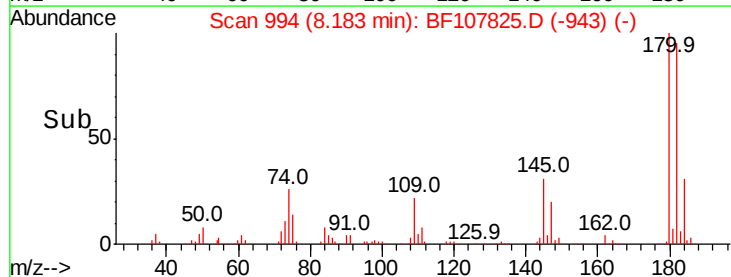
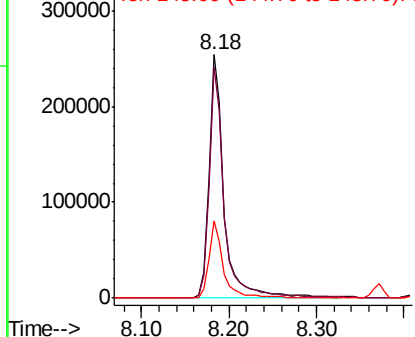


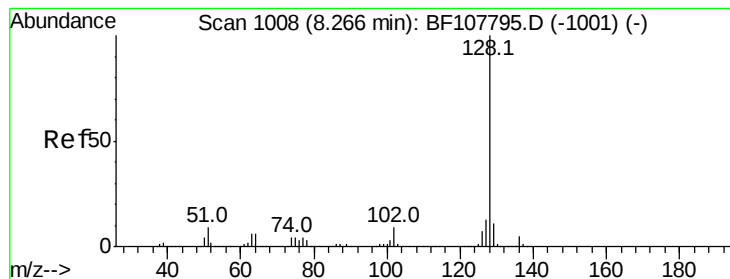
#30
1,2,4-Trichlorobenzene
Concen: 30.017 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion:180 Resp: 302157
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 31.5 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: 32.626 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

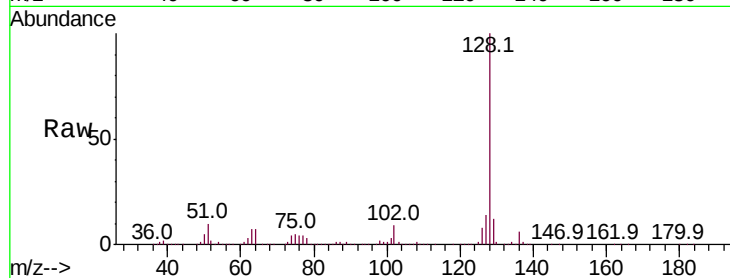
Tot Ion:128 Resp: 967349

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

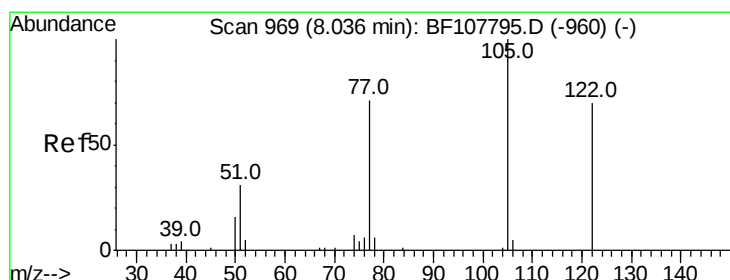
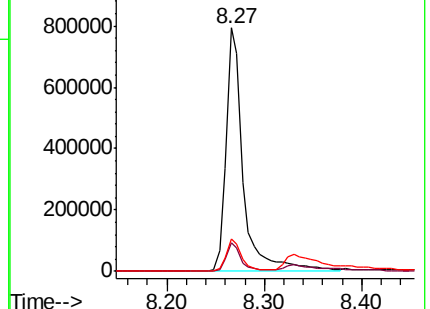
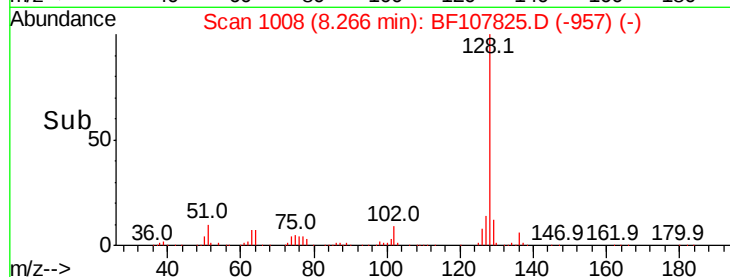
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.647 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.14 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

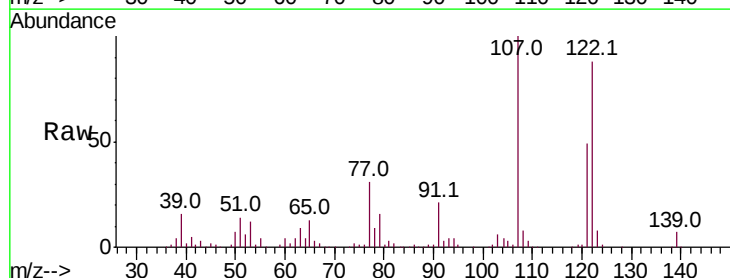
Tgt Ion:122 Resp: 267831

Ion Ratio Lower Upper

122 100

105 4.0 101.1 141.1#

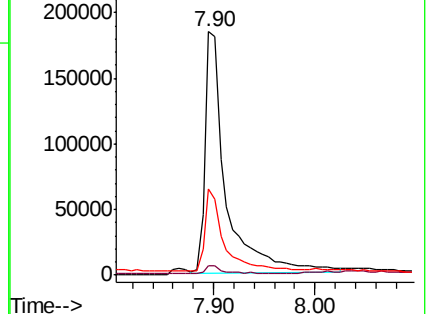
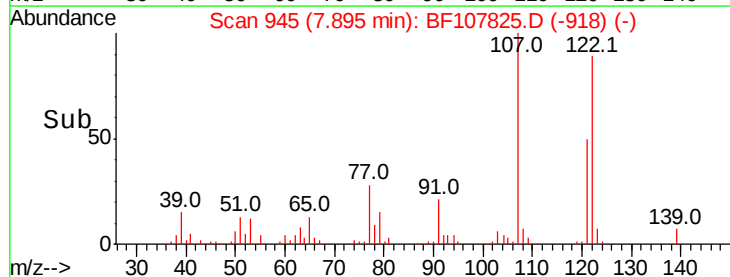
77 35.6 70.7 110.7#

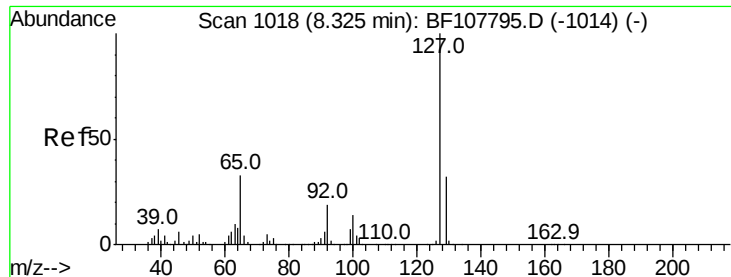


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

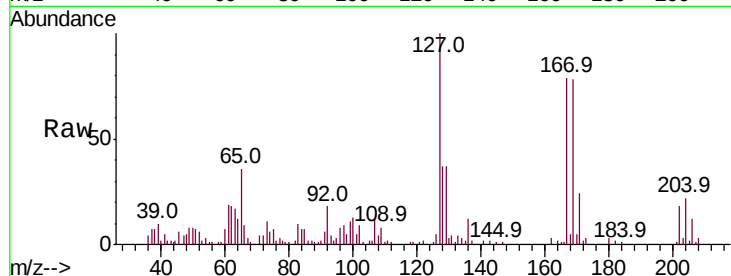




#33
4-Chloroaniline
Concen: 14.413 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	182533
Ion	Ratio	Lower	Upper
127	100		
129	36.5	25.9	38.9
65	36.2	25.0	37.4
92	18.4	15.2	22.8



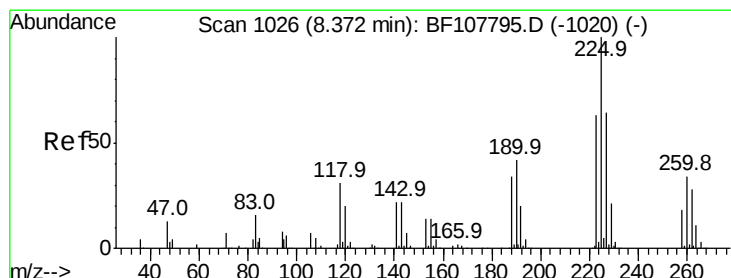
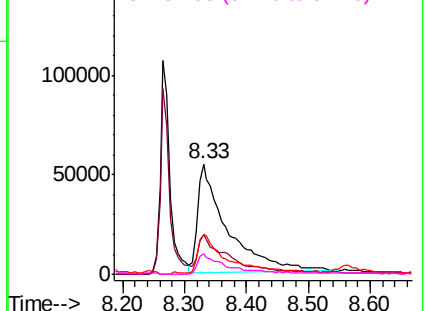
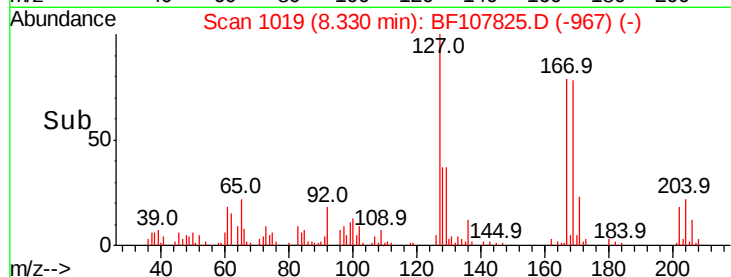
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

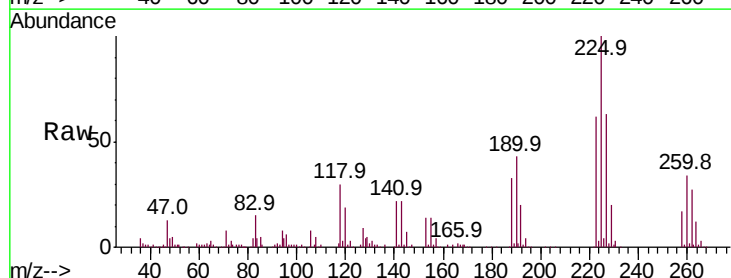
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 28.345 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion:	225	Resp:	176320
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.3	51.9	77.9

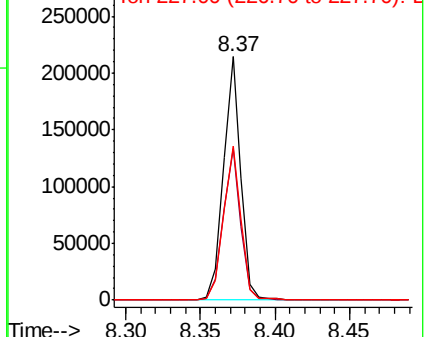
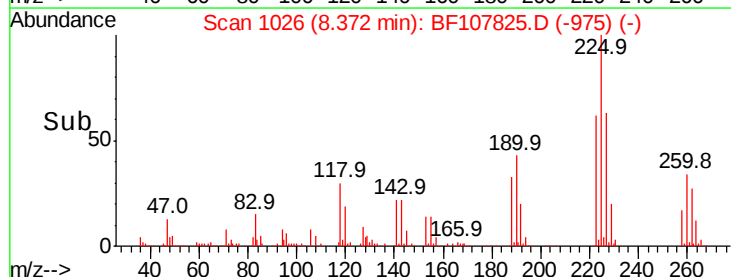


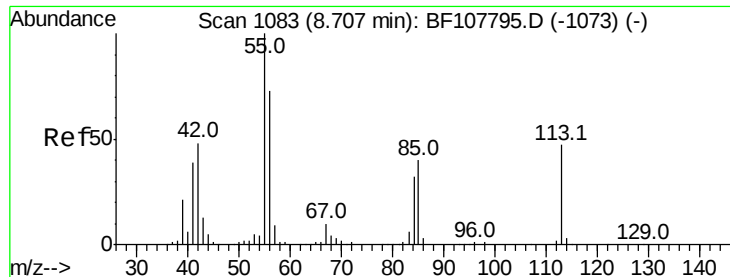
Abundance

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

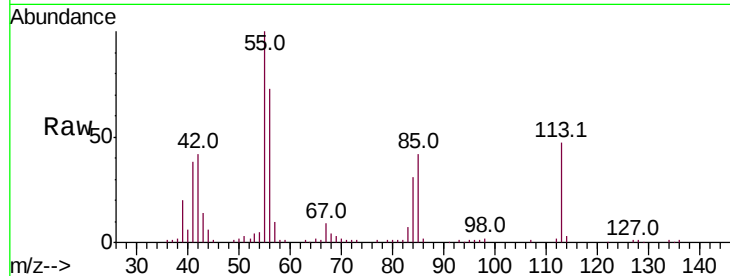




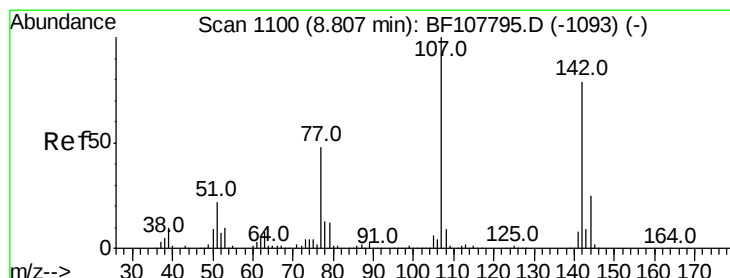
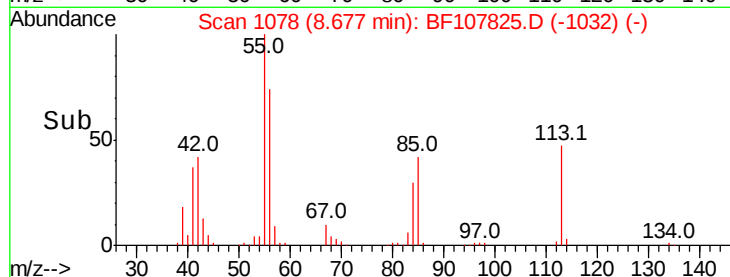
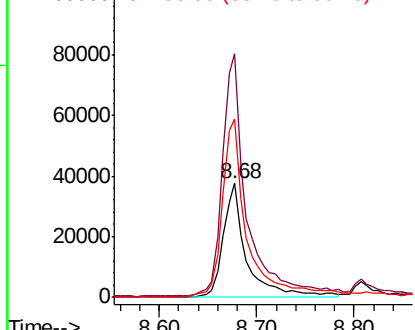
#35
Caprolactam
Concen: 23.656 ng
RT: 8.68 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 62836
Ion Ratio Lower Upper
113 100
55 213.5 163.3 203.3#
56 156.8 115.7 155.7#

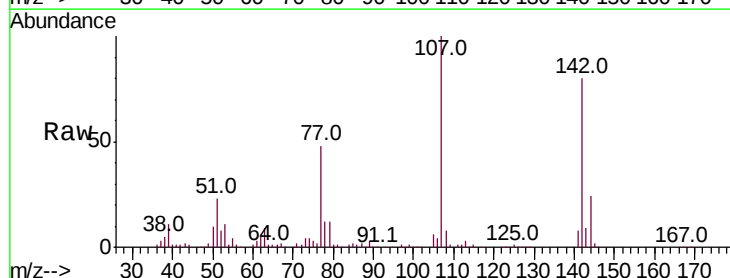


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

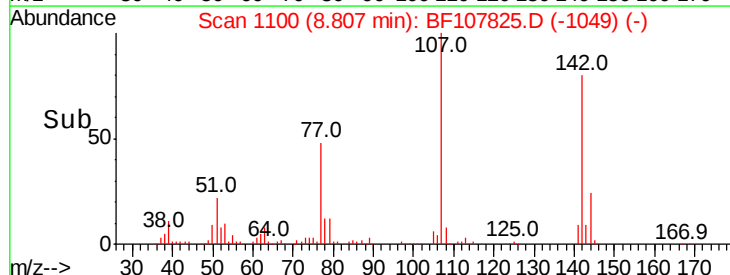
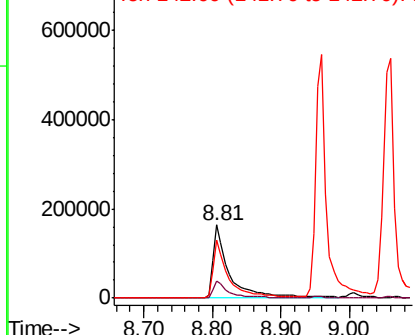


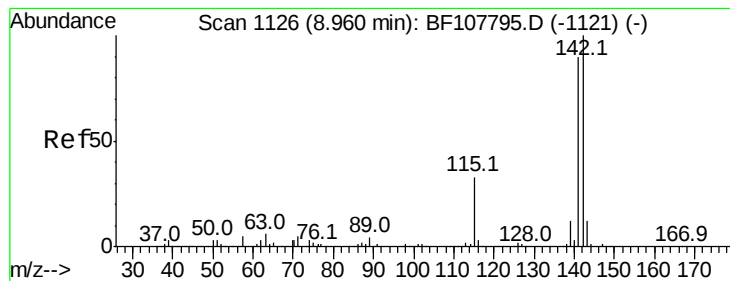
#36
4-Chloro-3-methylphenol
Concen: 28.466 ng
RT: 8.81 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion:107 Resp: 272786
Ion Ratio Lower Upper
107 100
144 24.1 20.5 30.7
142 79.6 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: 32.388 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

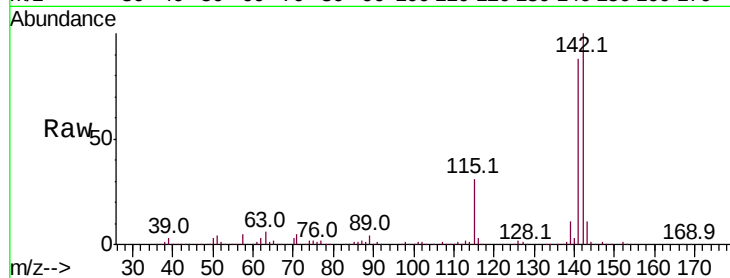
Tot Ion:142 Resp: 603208

Ion Ratio Lower Upper

142 100

141 88.2 70.8 106.2

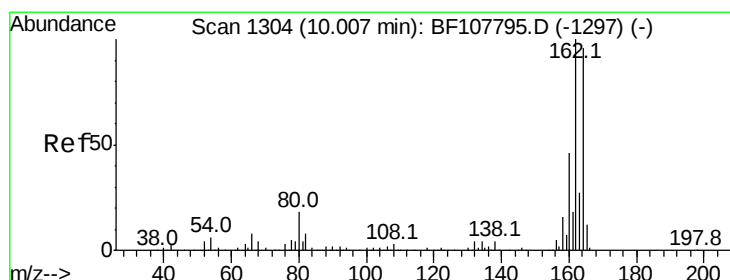
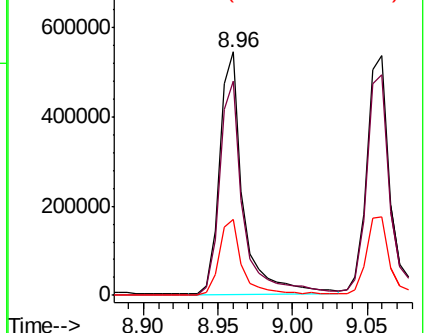
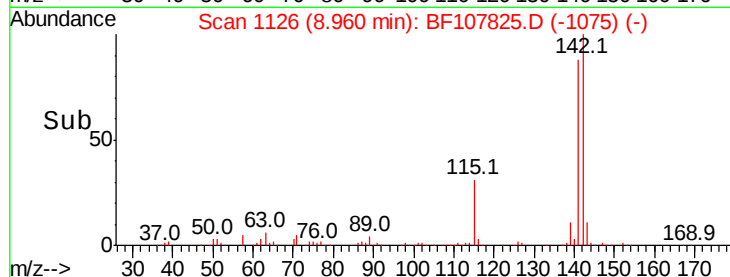
115 31.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

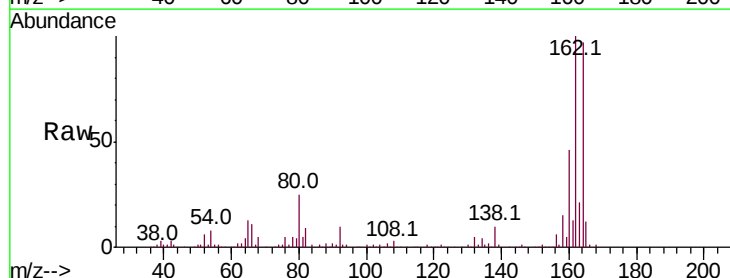
Tgt Ion:164 Resp: 238811

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

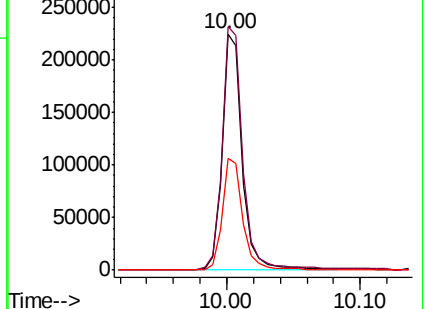
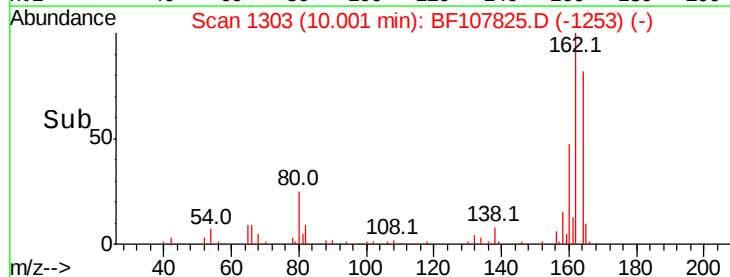
160 47.4 38.3 57.5

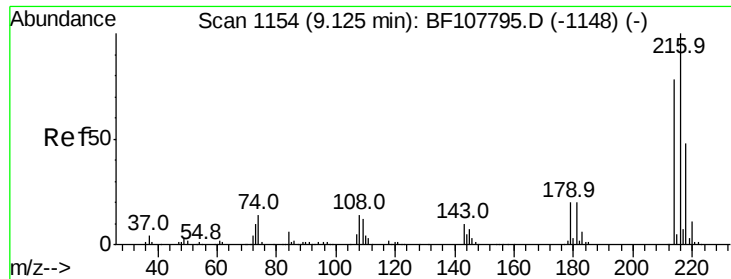


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

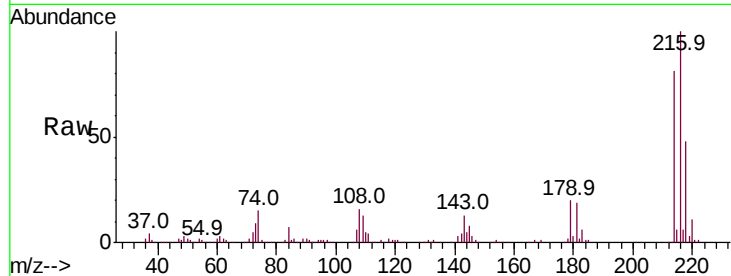




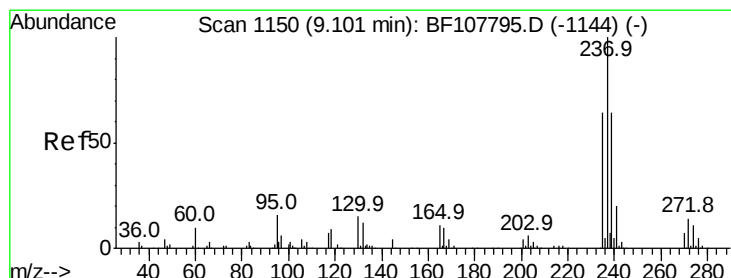
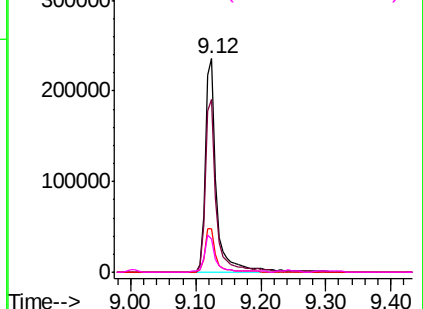
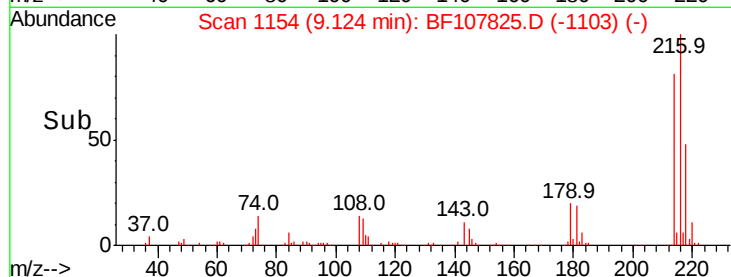
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.324 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	279477
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.5	18.1	27.1
108	16.6	17.2	25.8#

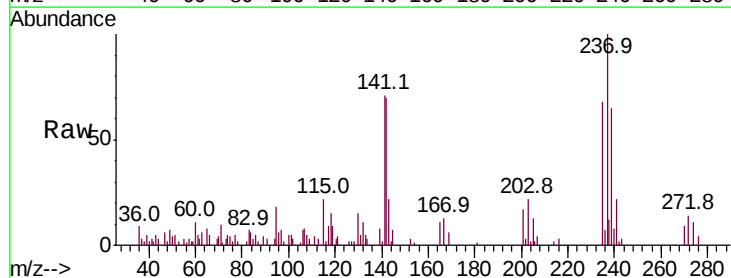


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

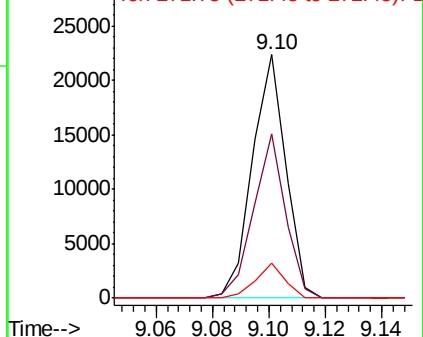
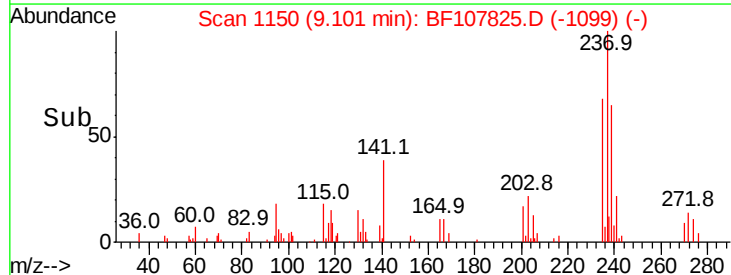


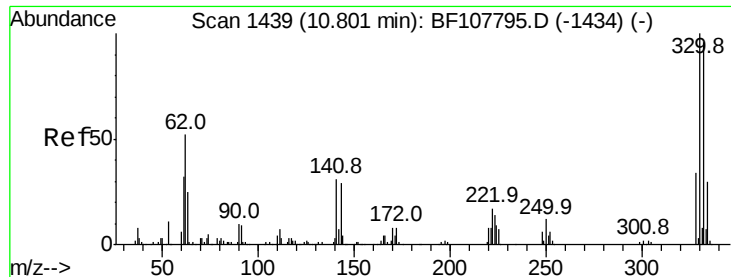
#40
 Hexachlorocyclopentadiene
 Concen: 12.179 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

Tgt Ion:	237	Resp:	18406
Ion	Ratio	Lower	Upper
237	100		
235	67.6	44.8	84.8
272	14.2	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

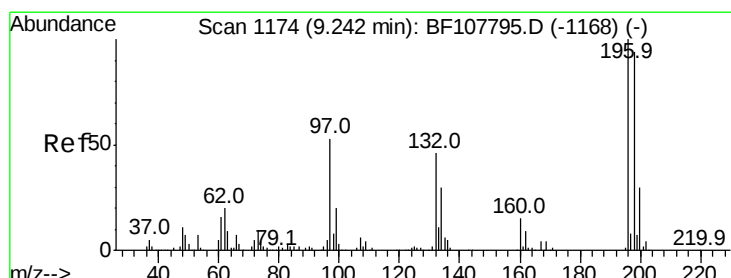
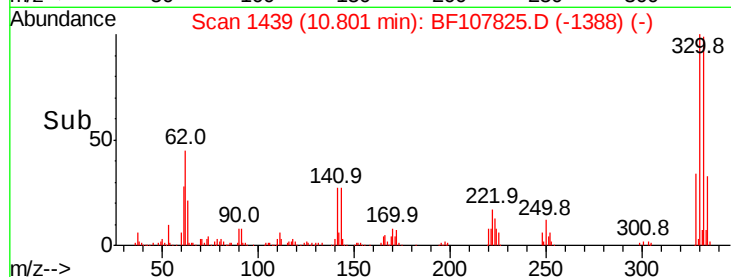
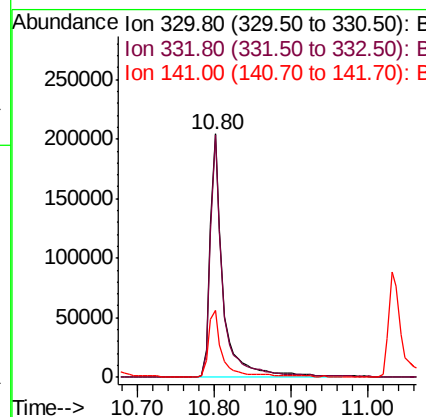
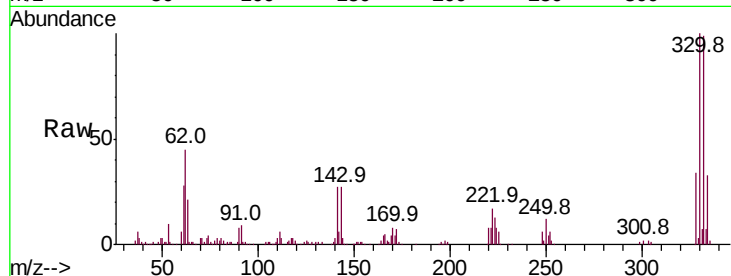




#41
 2,4,6-Tribromophenol
 Concen: 74.396 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

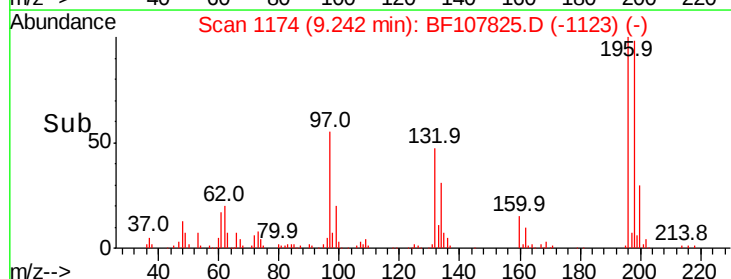
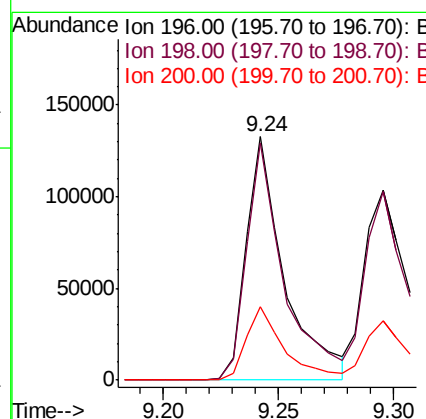
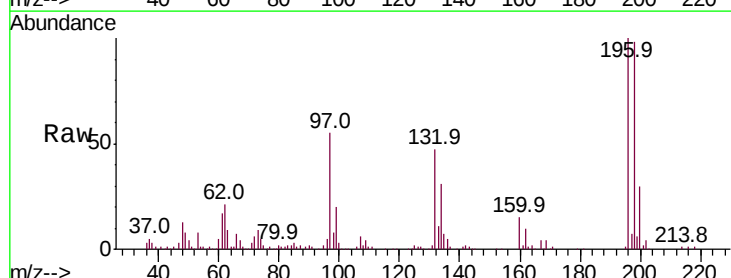
Instrument :
 BNA_F
 ClientSampled :

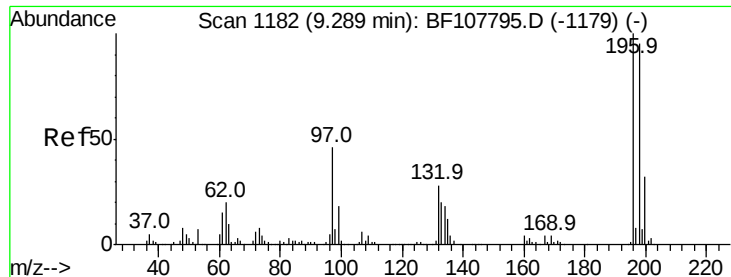
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	29.0	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 33.939 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.7	113.5
200	30.2	24.5	36.7

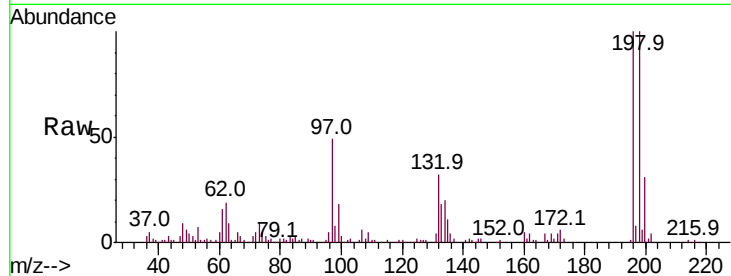




#43
2,4,5-Trichlorophenol
Concen: 30.771 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	74.6	112.0
97	48.6	42.9	64.3
132	31.6	26.3	39.5



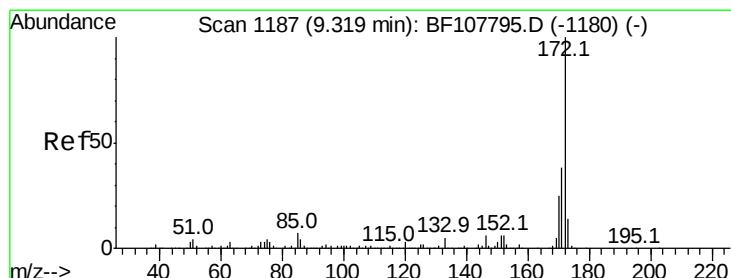
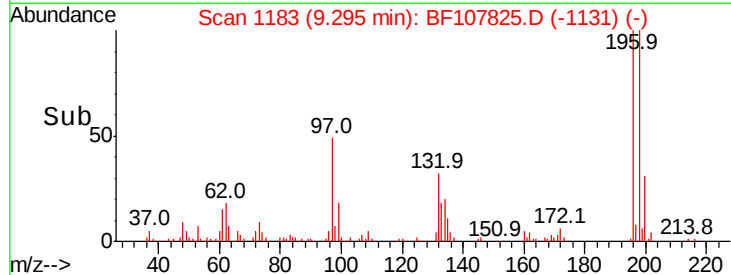
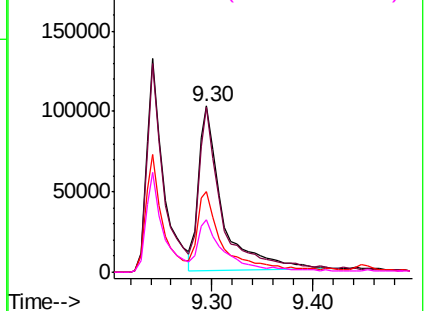
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

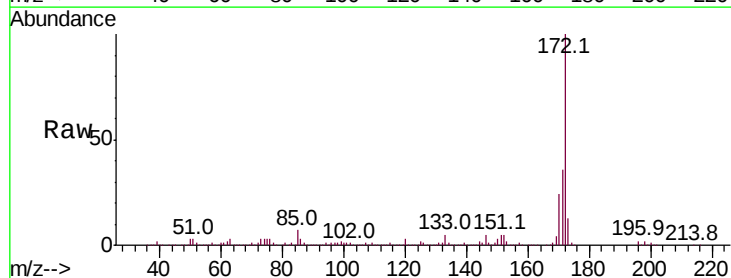
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 67.317 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

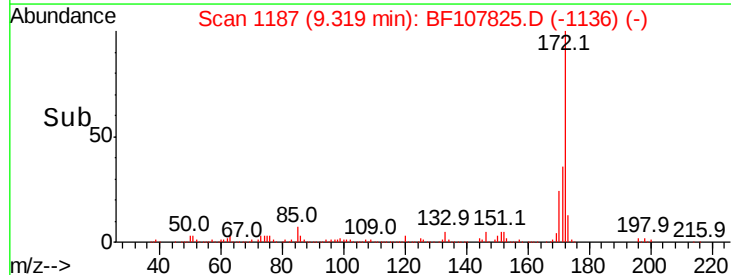
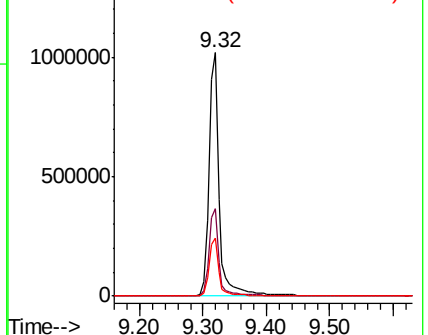


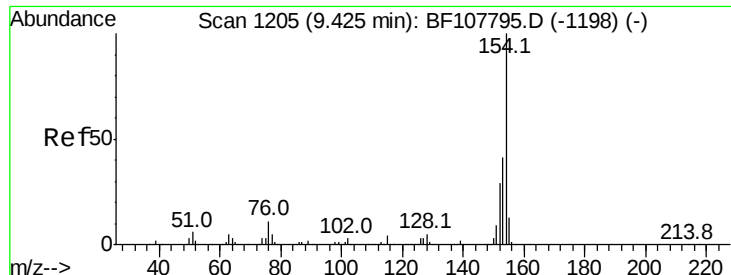
Abundance

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

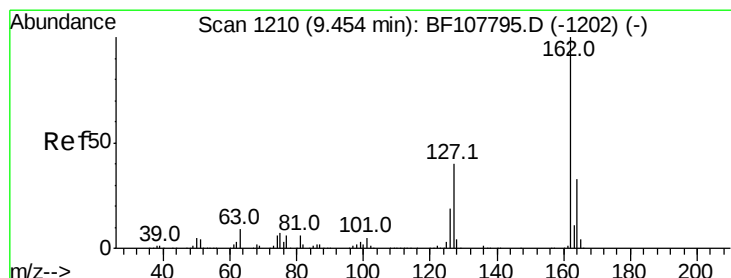
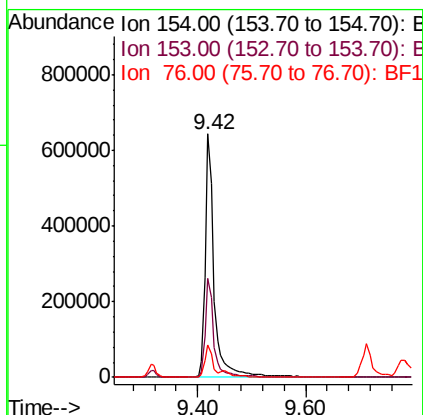
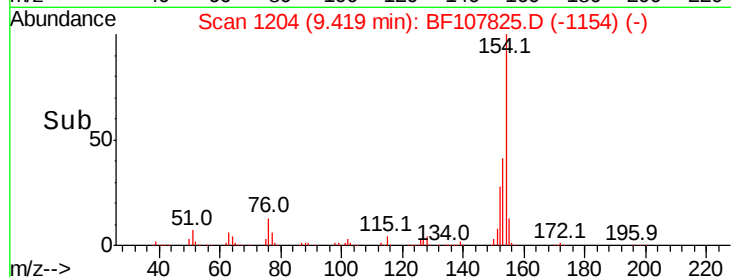
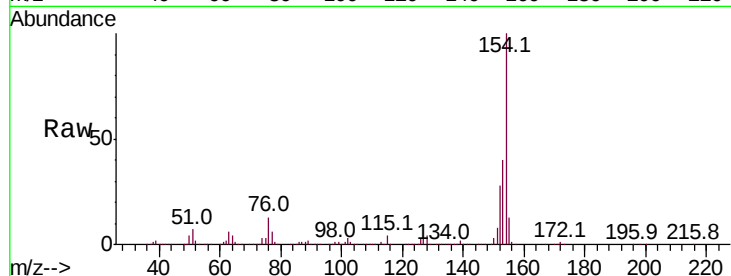




#45
 1,1'-Biphenyl
 Concen: 34.229 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

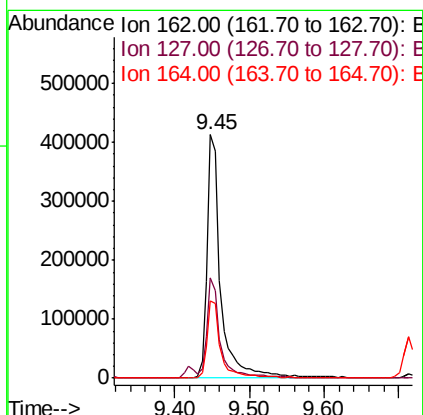
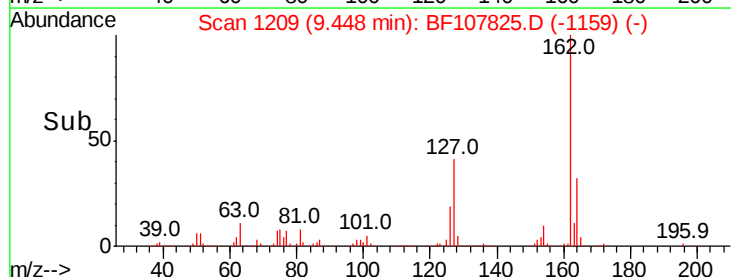
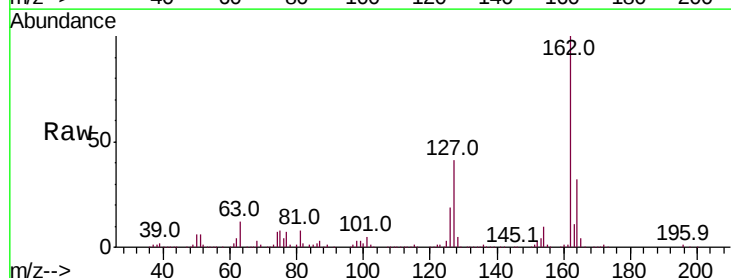
Instrument :
 BNA_F
 ClientSampleId :

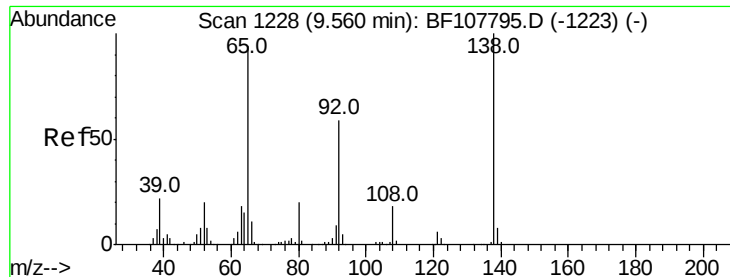
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	13.3	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 32.365 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	32.0	26.5	39.7

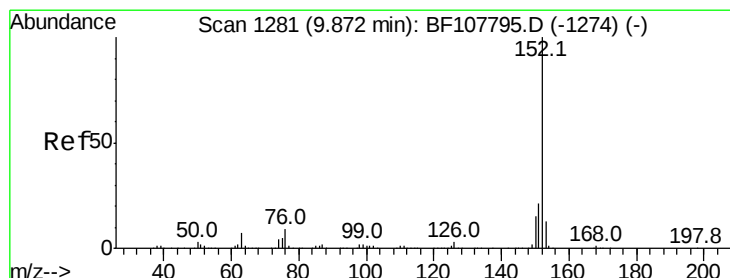
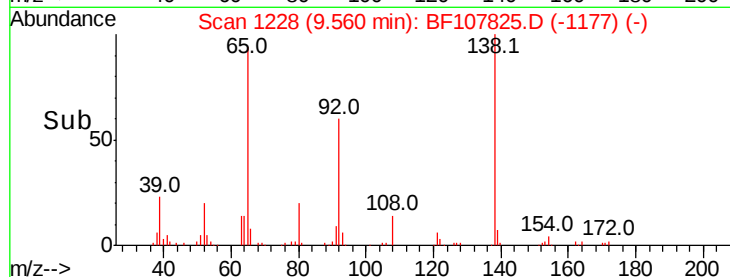
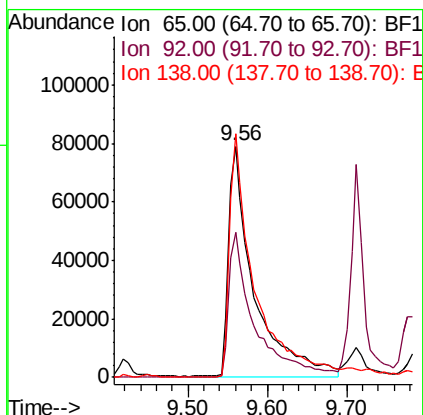
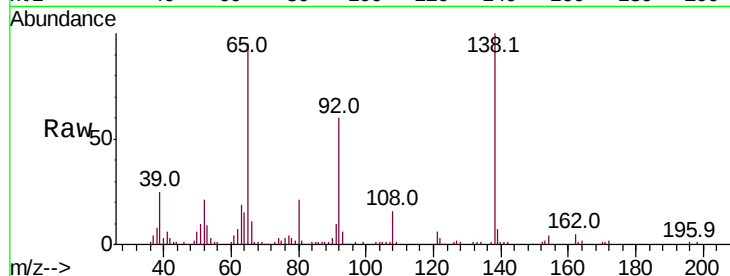




#47
2-Nitroaniline
Concen: 33.382 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

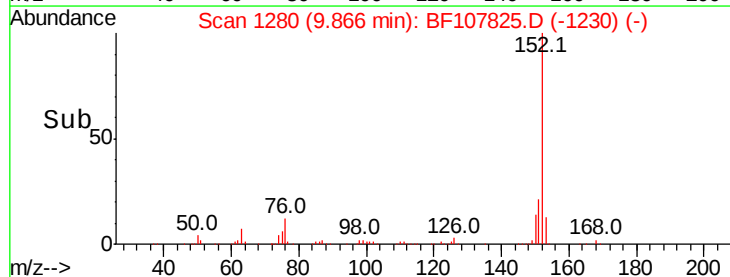
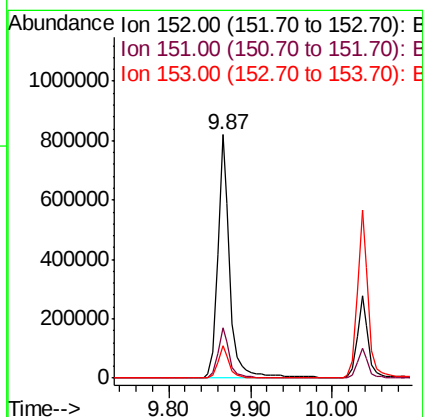
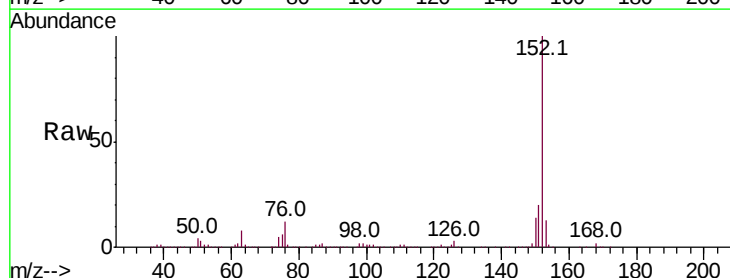
Instrument :
BNA_F
ClientSampled :

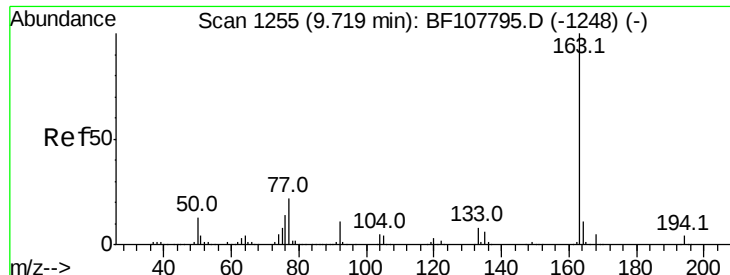
Tot Ion: 65 Resp: 177956
Ion Ratio Lower Upper
65 100
92 62.8 55.8 83.6
138 105.4 91.2 136.8



#48
Acenaphthylene
Concen: 32.931 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion: 152 Resp: 836696
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 10.7 16.1

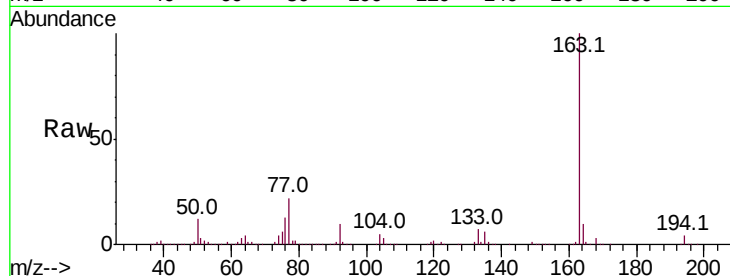




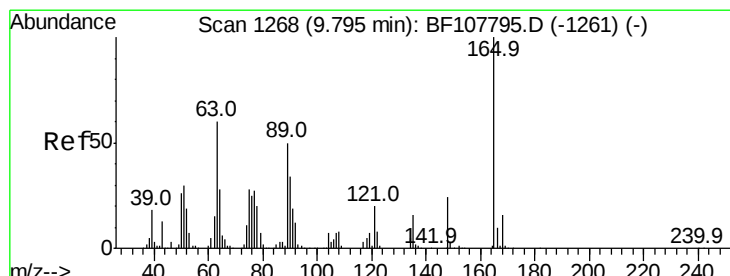
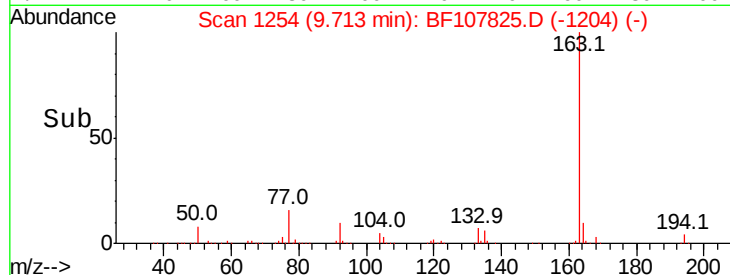
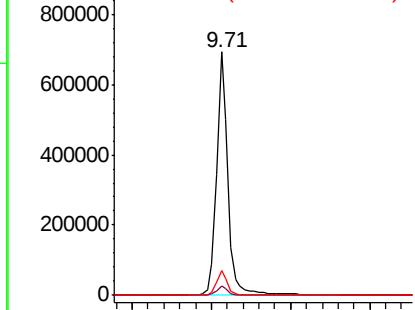
#49
Dimethylphthalate
Concen: 38.614 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 692538
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

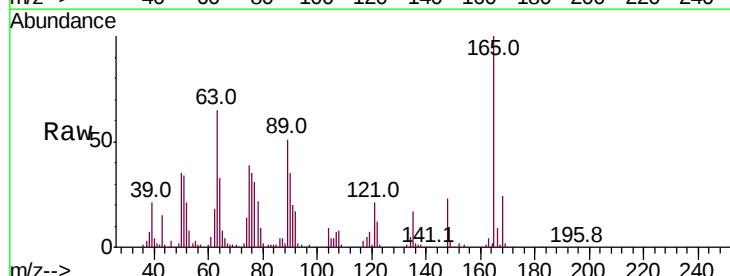


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

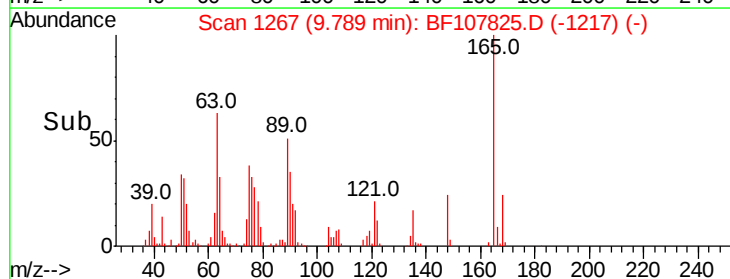
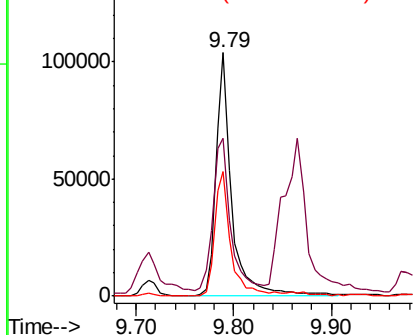


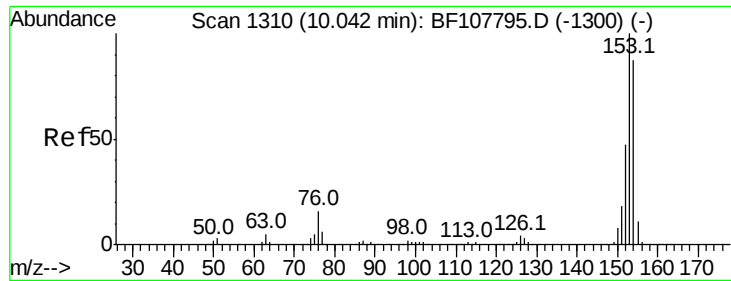
#50
2,6-Dinitrotoluene
Concen: 29.867 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion:165 Resp: 116409
Ion Ratio Lower Upper
165 100
63 64.8 44.7 67.1
89 51.0 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

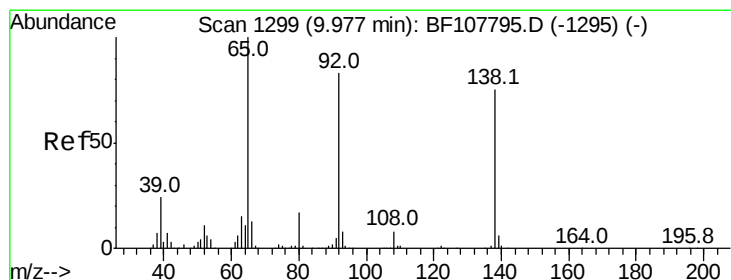
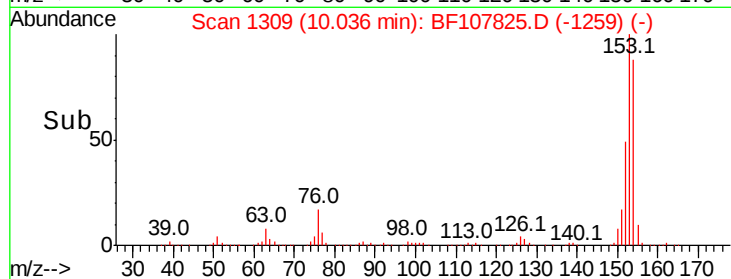
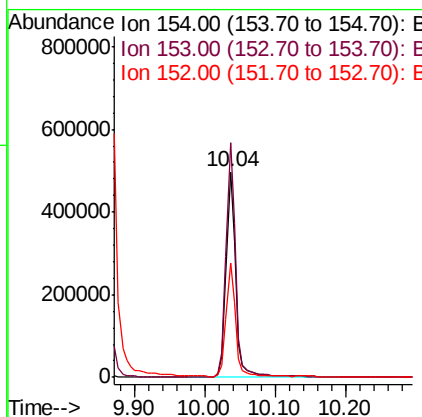
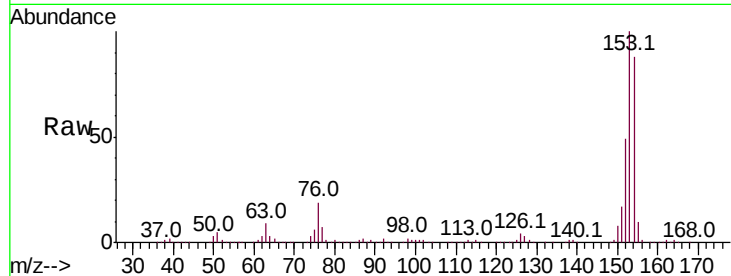




#51
Acenaphthene
Concen: 32.172 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

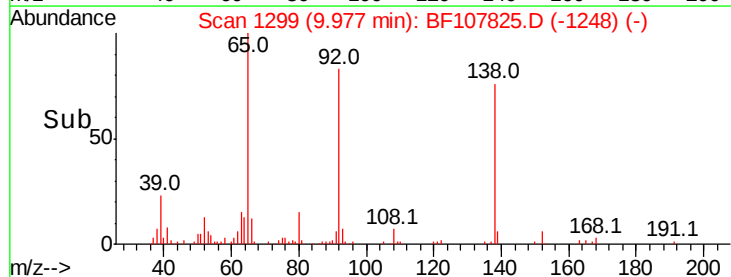
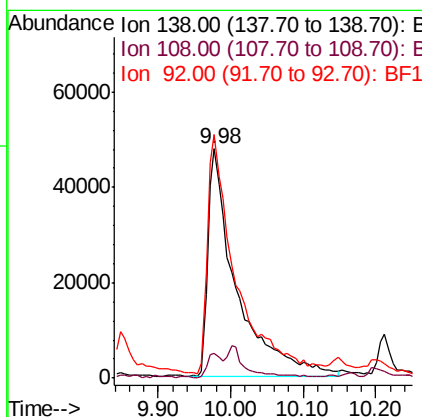
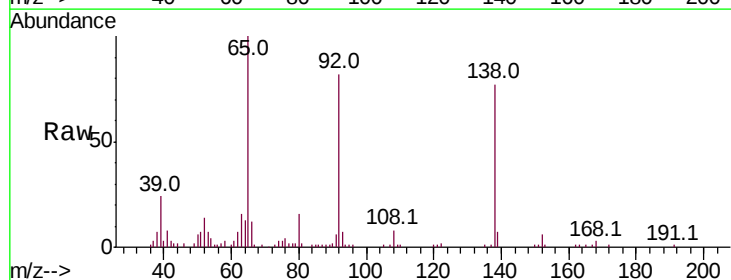
Instrument :
BNA_F
ClientSampled :

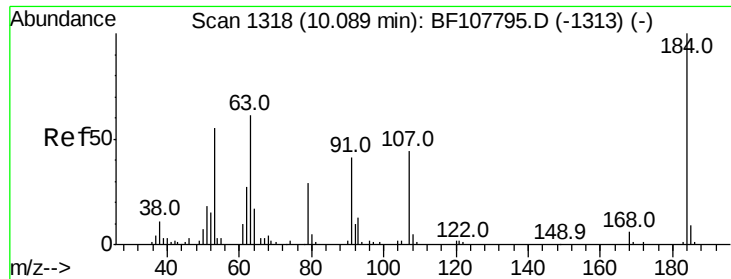
Tot Ion:154 Resp: 474833
Ion Ratio Lower Upper
154 100
153 114.1 91.2 136.8
152 55.8 43.8 65.8



#52
3-Nitroaniline
Concen: 26.262 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion:138 Resp: 128982
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 106.3 89.4 134.2

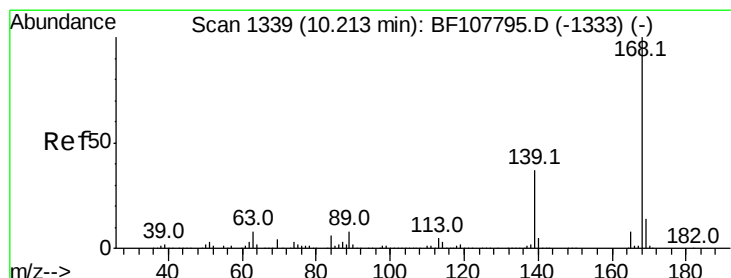
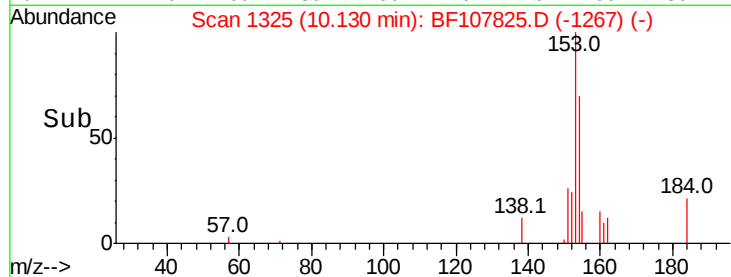
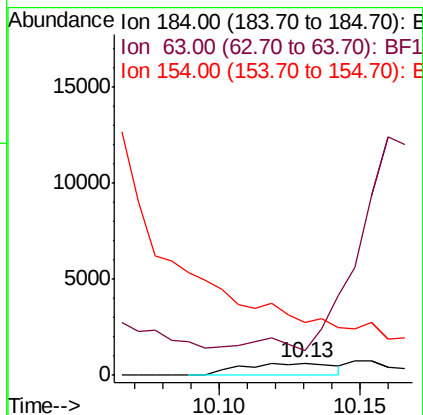
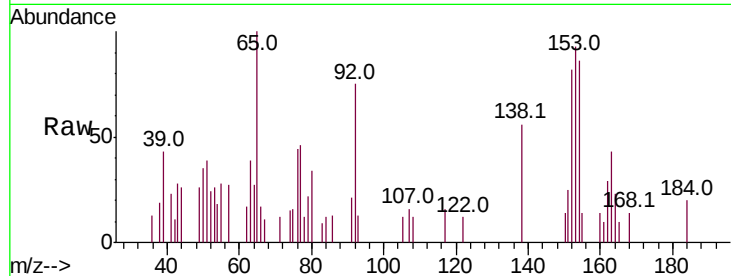




#53
 2,4-Dinitrophenol
 Concen: 9.075 ng
 RT: 10.13 min Scan# 1325
 Delta R.T. 0.04 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

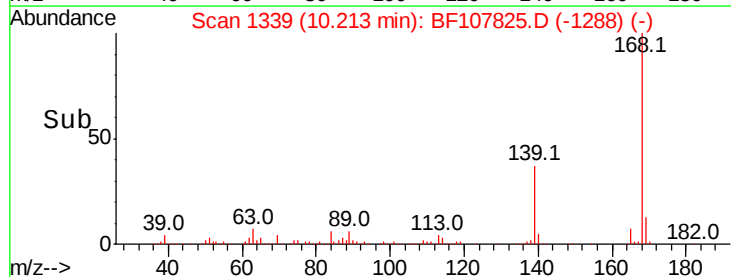
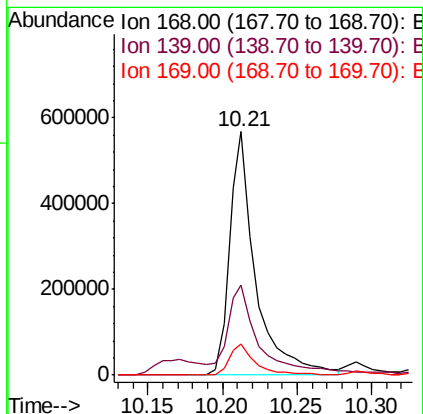
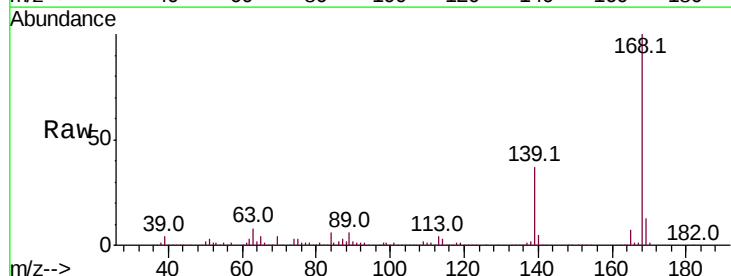
Instrument :
 BNA_F
 ClientSampleId :

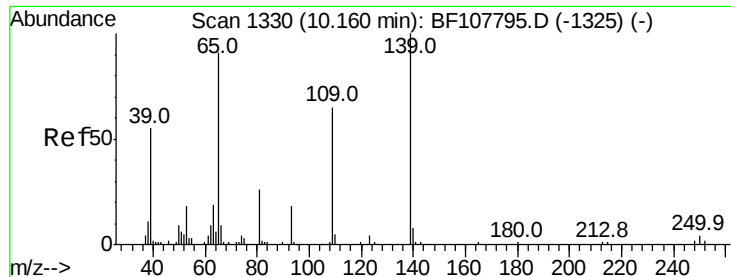
Tot Ion:184 Resp: 1457
 Ion Ratio Lower Upper
 184 100
 63 198.7 54.2 81.2#
 154 433.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 30.468 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

Tgt Ion:168 Resp: 695043
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.1 45.1
 169 12.9 10.9 16.3





#55

4-Nitrophenol

Concen: 38.010 ng

RT: 10.17 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

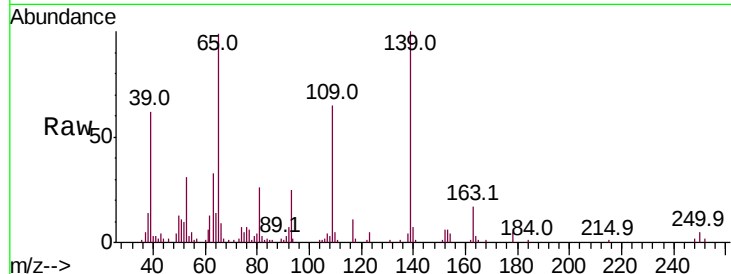
Tot Ion:139 Resp: 75073

Ion Ratio Lower Upper

139 100

109 64.8 48.4 88.4

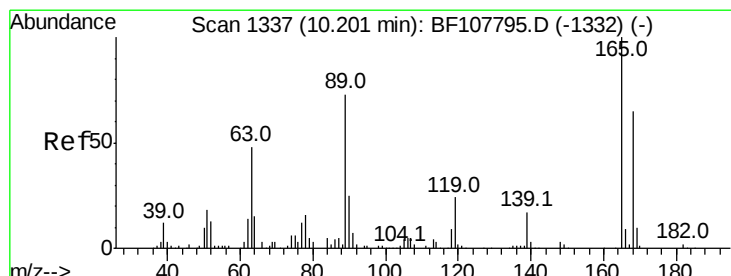
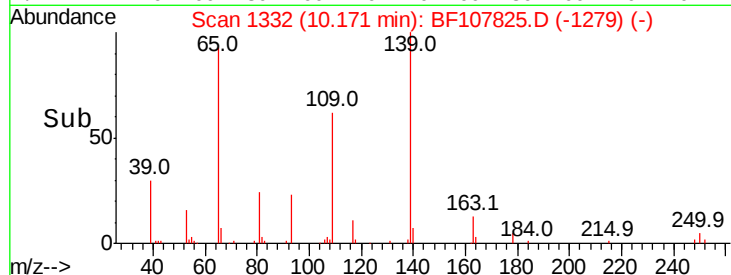
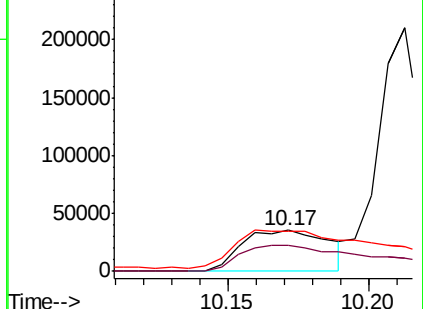
65 98.6 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 26.586 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Tgt Ion:165 Resp: 136193

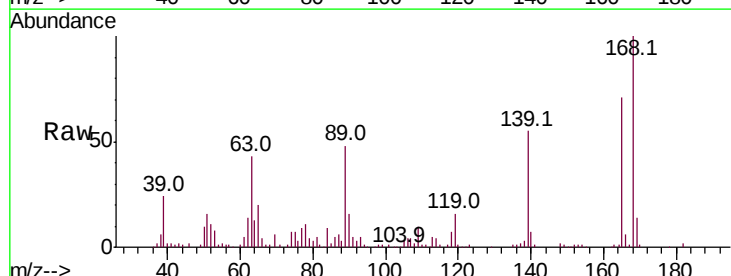
Ion Ratio Lower Upper

165 100

63 60.2 36.4 54.6#

89 66.8 57.8 86.6

182 2.7 1.6 2.4#

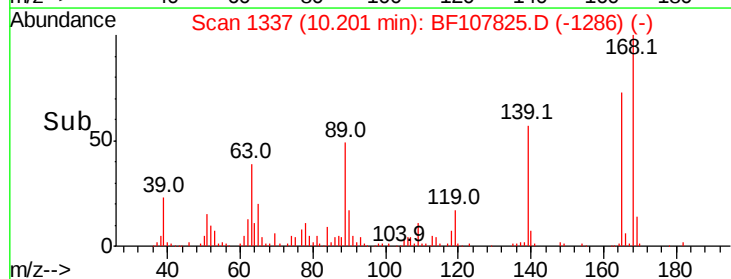
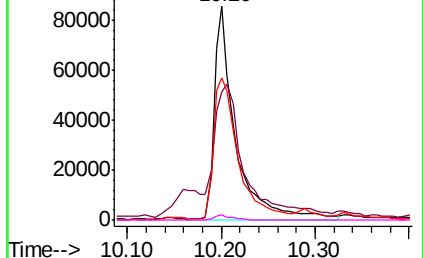


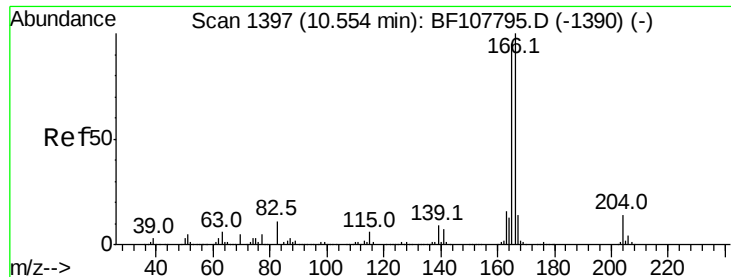
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 29.842 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

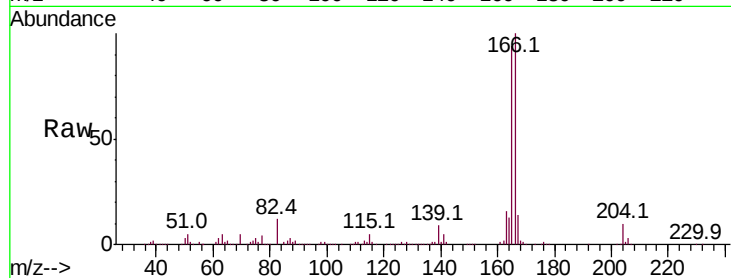
Tot Ion:166 Resp: 529059

Ion Ratio Lower Upper

166 100

165 93.7 79.8 119.8

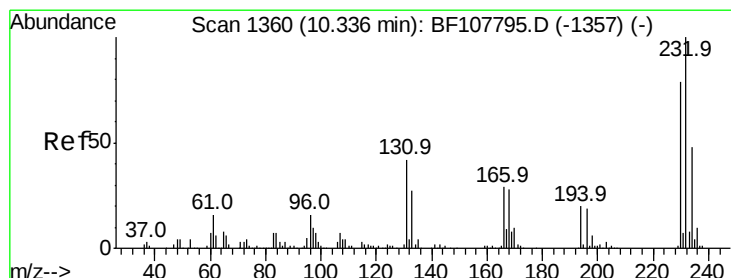
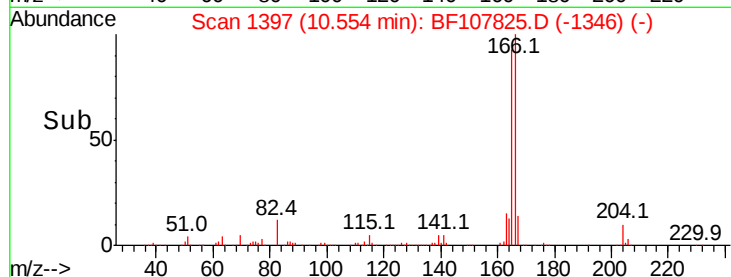
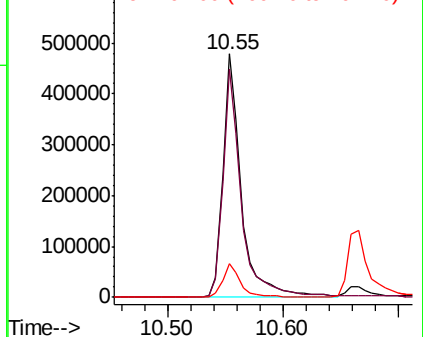
167 13.8 10.6 16.0



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: 25.250 ng

RT: 10.34 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Tgt Ion:232 Resp: 125677

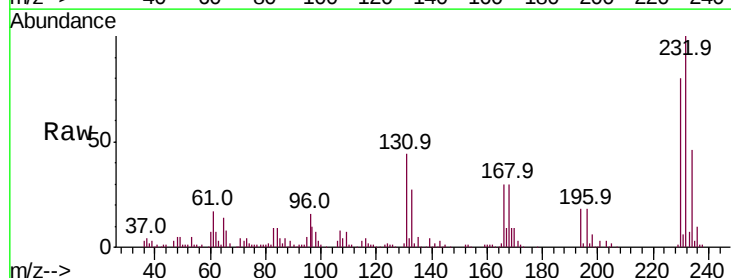
Ion Ratio Lower Upper

232 100

131 42.7 43.8 65.8#

130 2.1 2.1 3.1

166 28.2 27.8 41.6

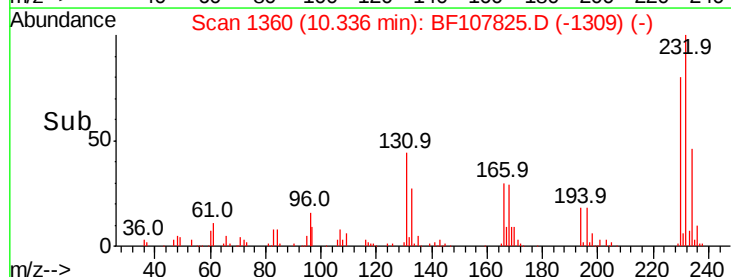
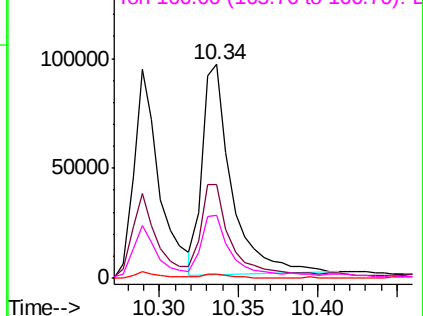


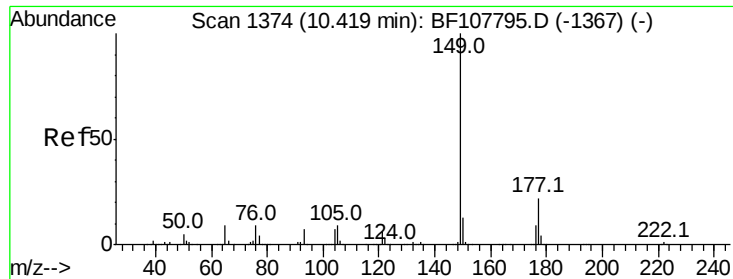
Abundance Ion 232.00 (231.70 to 232.70): E

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

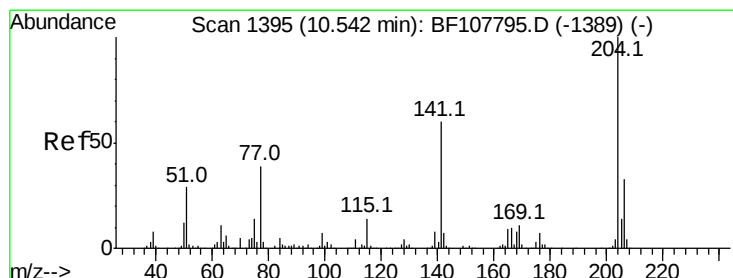
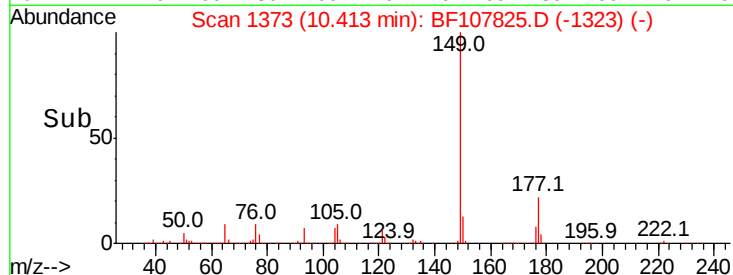
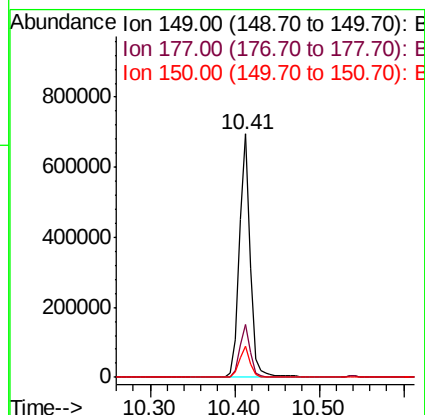
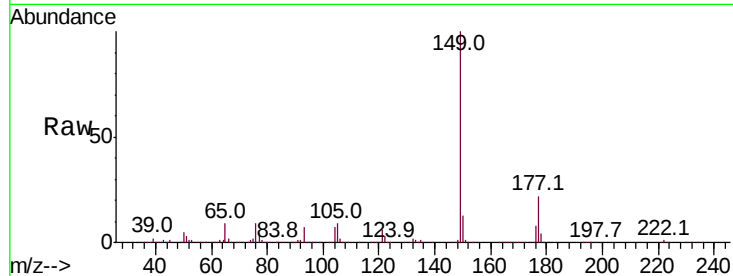




#59
Diethylphthalate
Concen: 31.375 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

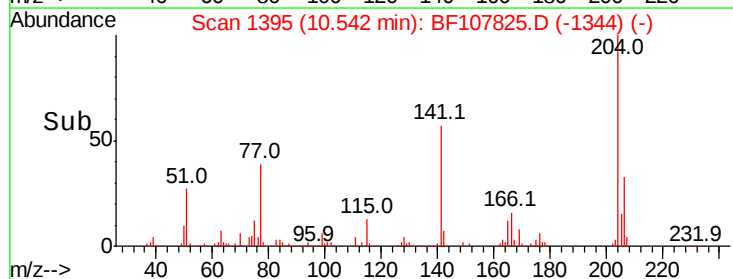
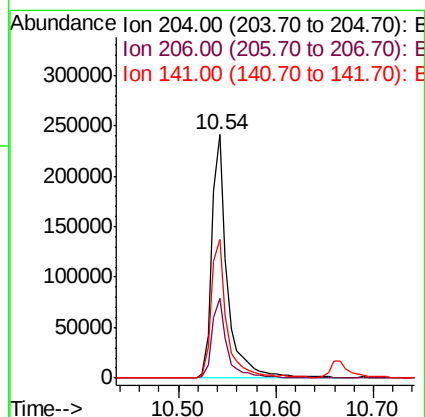
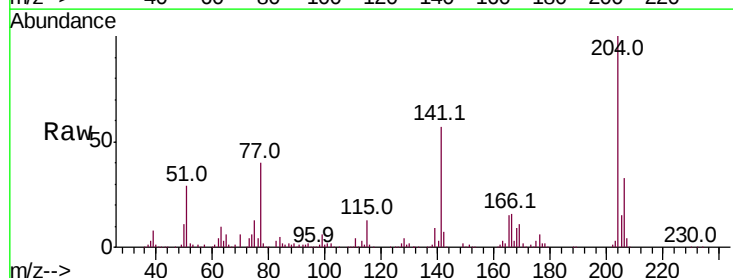
Instrument :
BNA_F
ClientSampleId :

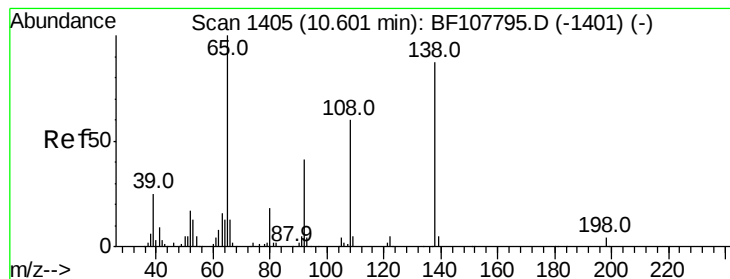
Tot Ion:149 Resp: 605013
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 27.484 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion:204 Resp: 265443
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 56.9 54.6 81.8





#61

4-Nitroaniline

Concen: 28.577 ng

RT: 10.59 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampled :

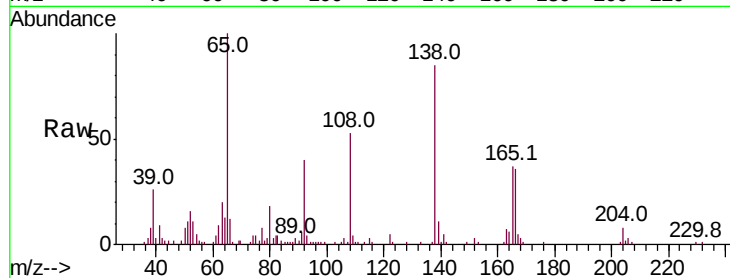
Tot Ion:138 Resp: 124555

Ion Ratio Lower Upper

138 100

92 47.1 30.2 70.2

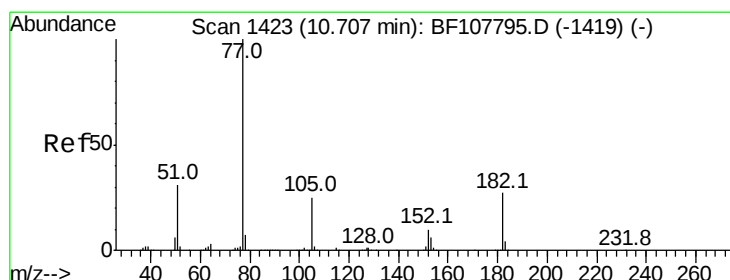
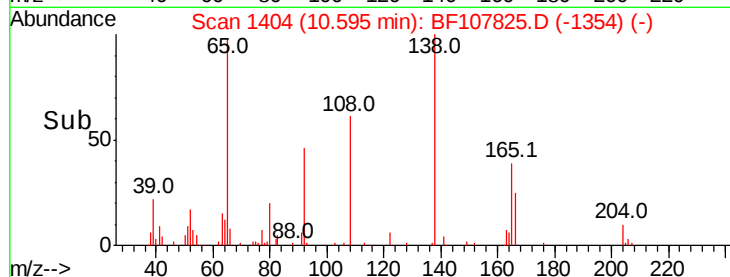
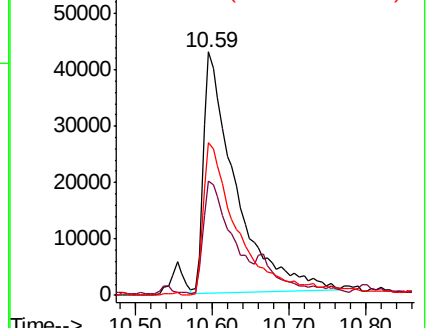
108 62.5 52.5 92.5



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: 29.320 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Tgt Ion: 77 Resp: 526556

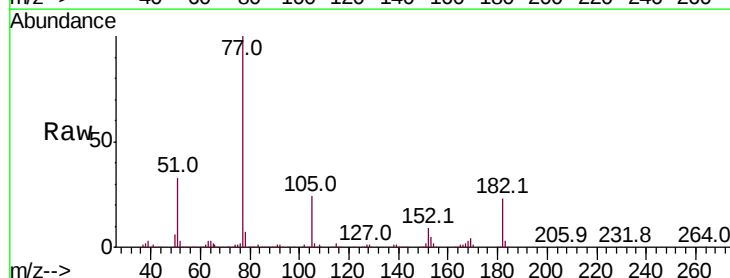
Ion Ratio Lower Upper

77 100

182 23.1 1.7 41.7

105 24.0 3.0 43.0

51 33.5 9.9 49.9

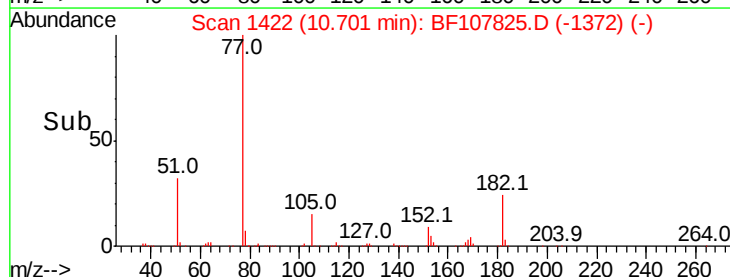
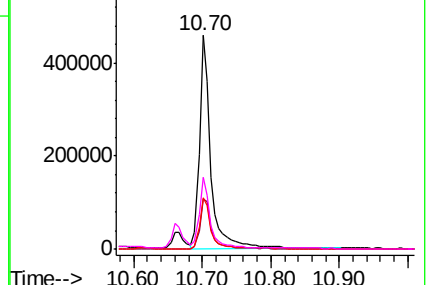


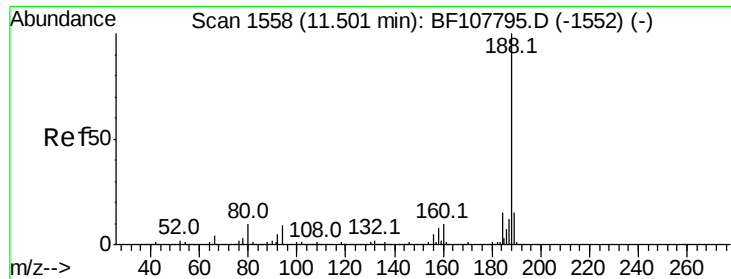
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

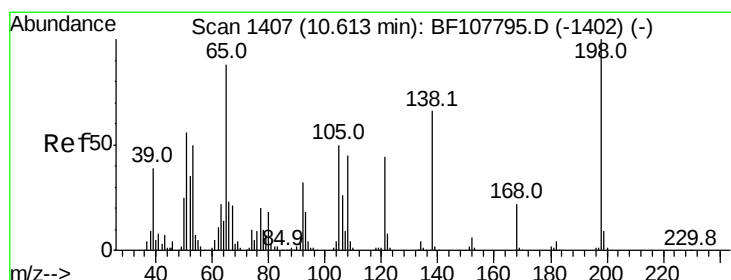
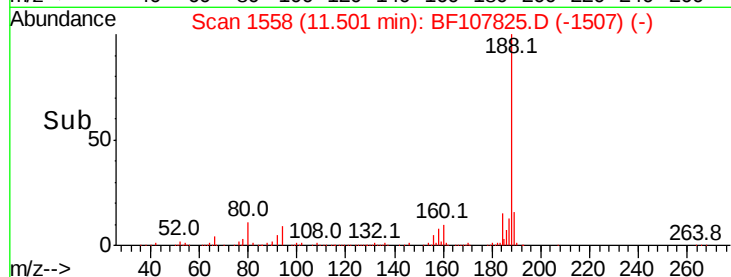
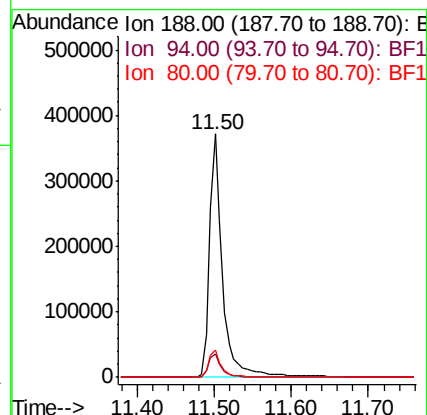
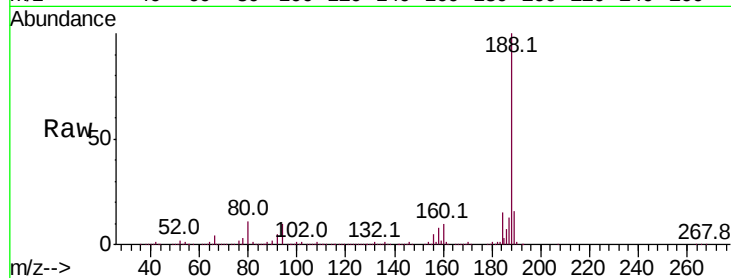




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

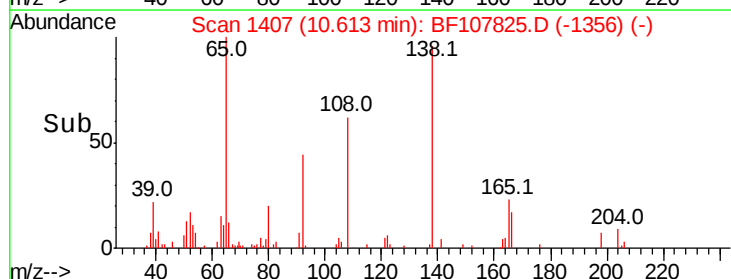
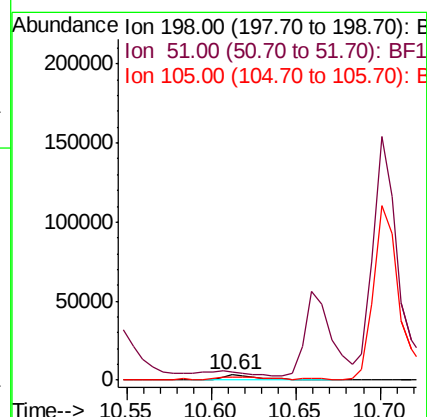
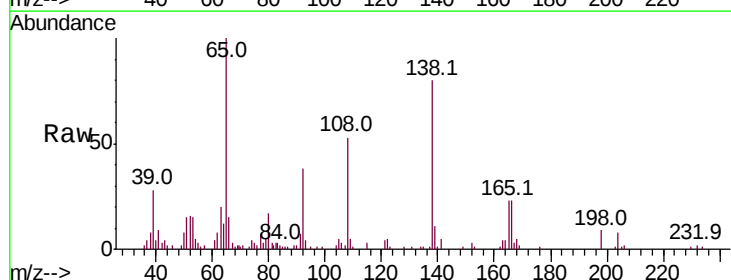
Instrument :
BNA_F
ClientSampled :

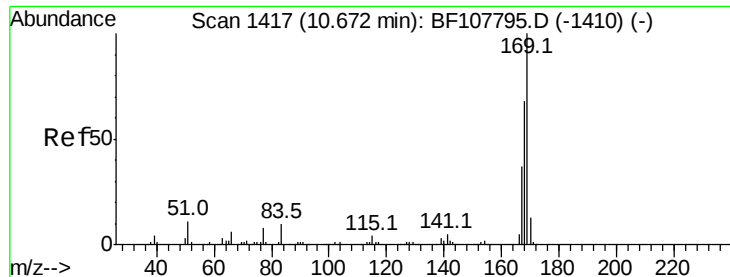
Tot Ion:188 Resp: 439387
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.435 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion:198 Resp: 5820
Ion Ratio Lower Upper
198 100
51 166.4 37.7 77.7#
105 60.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 31.985 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampled :

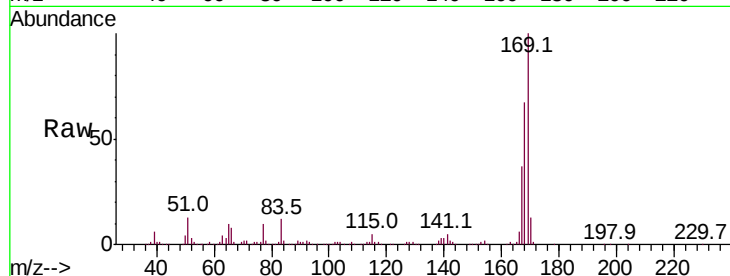
Tot Ion:169 Resp: 462759

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

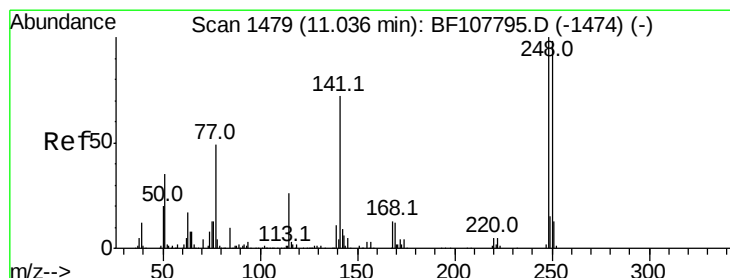
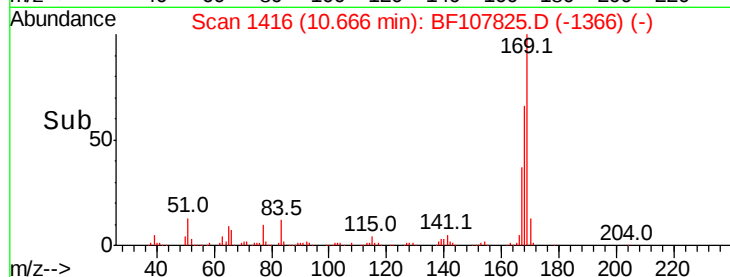
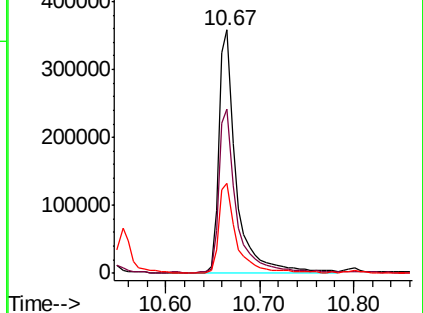
167 37.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 30.357 ng

RT: 11.04 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

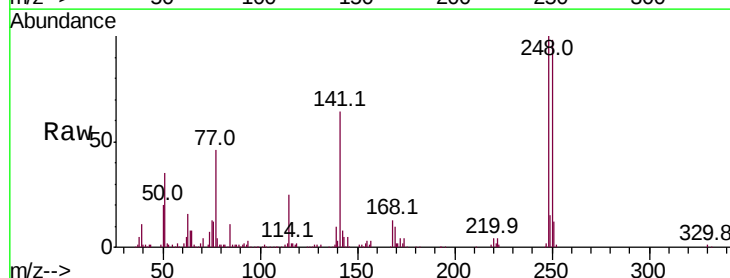
Tgt Ion:248 Resp: 155469

Ion Ratio Lower Upper

248 100

250 98.1 76.9 115.3

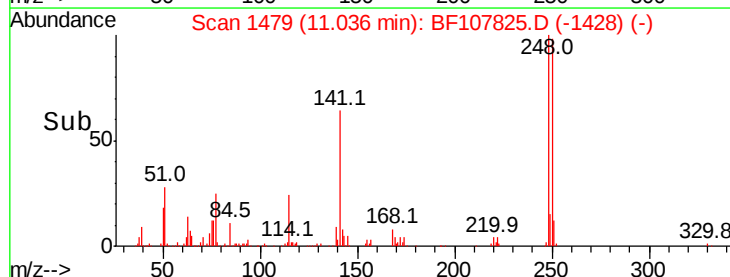
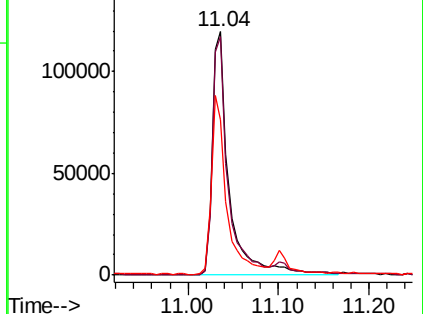
141 63.9 74.4 111.6#

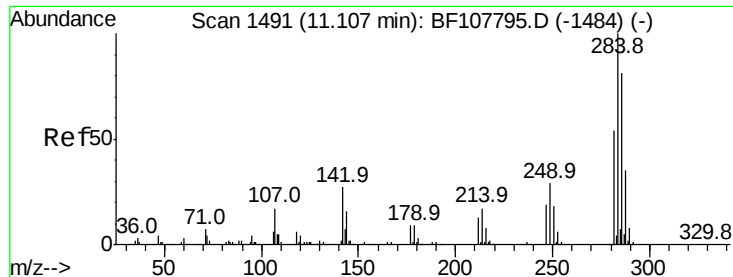


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.221 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

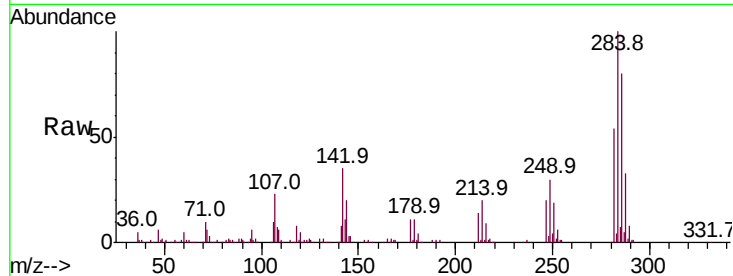
Tot Ion:284 Resp: 160266

Ion Ratio Lower Upper

284 100

142 34.8 34.6 52.0

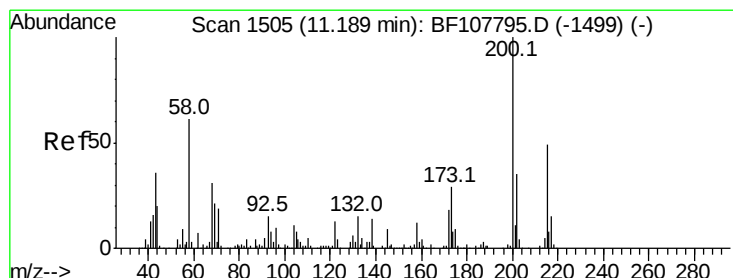
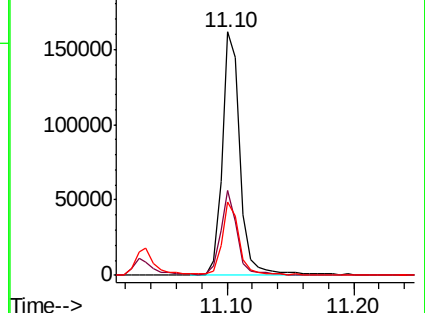
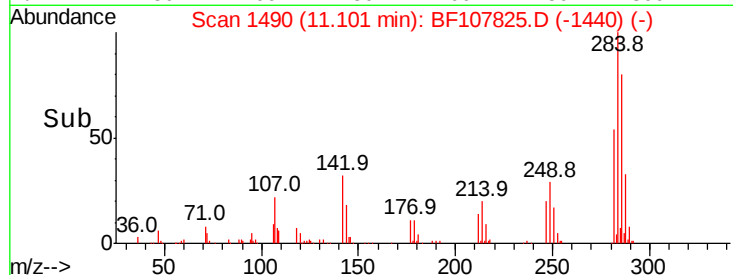
249 30.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 30.656 ng

RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

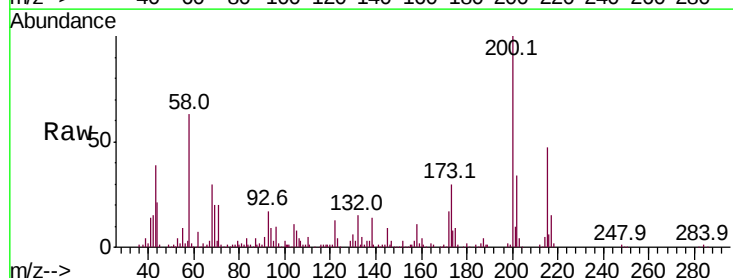
Tgt Ion:200 Resp: 131269

Ion Ratio Lower Upper

200 100

173 29.7 8.6 48.6

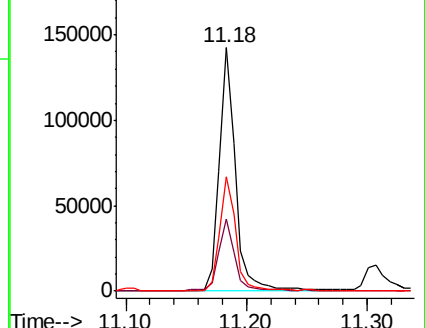
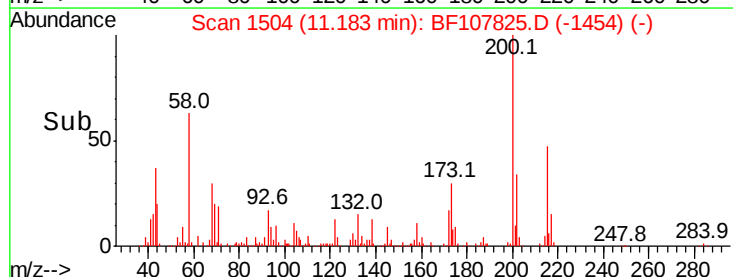
215 47.0 25.1 65.1

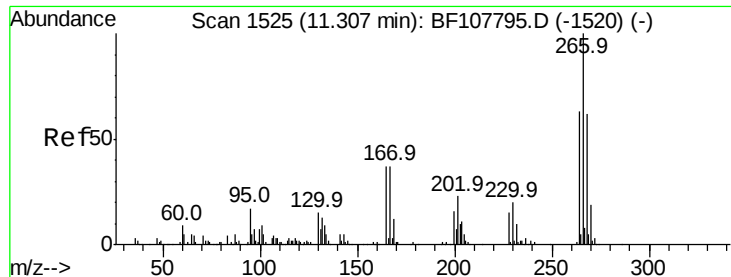


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 45.845 ng

RT: 11.31 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

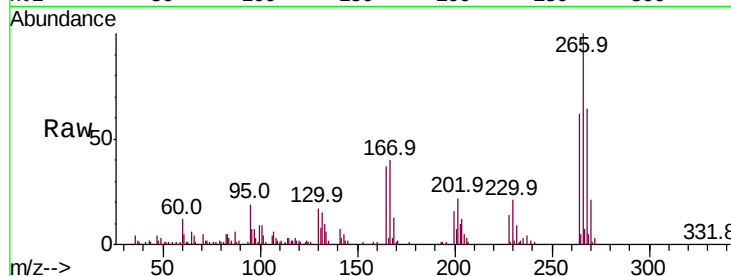
Tot Ion:266 Resp: 128166

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

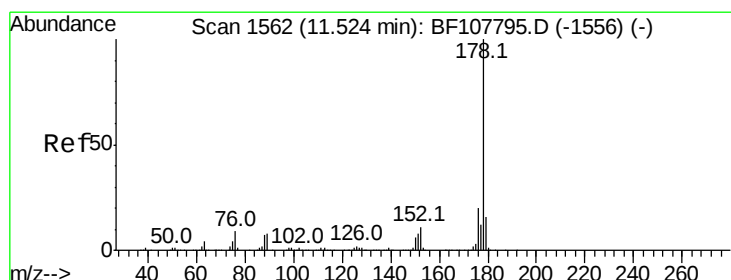
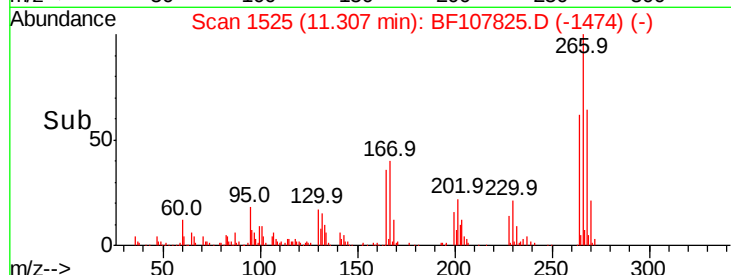
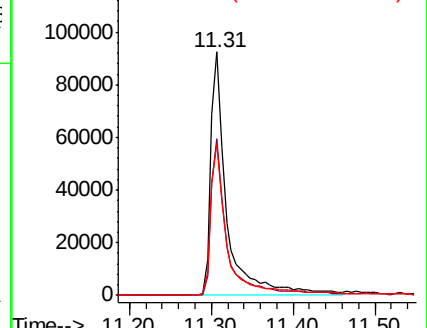
264 62.4 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 32.761 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

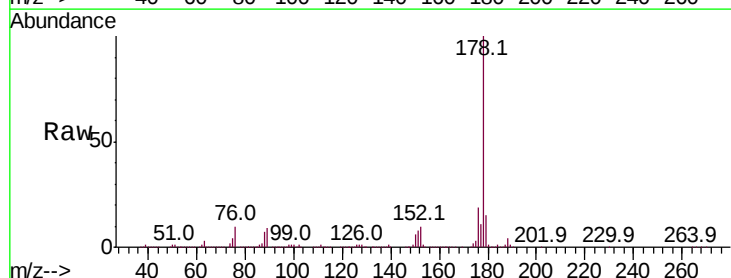
Tgt Ion:178 Resp: 683497

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

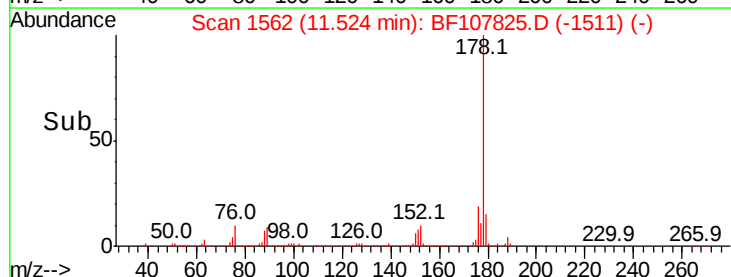
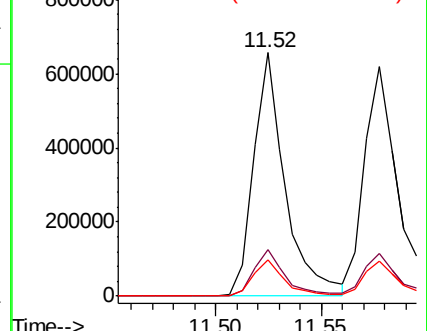
179 15.1 13.0 19.6

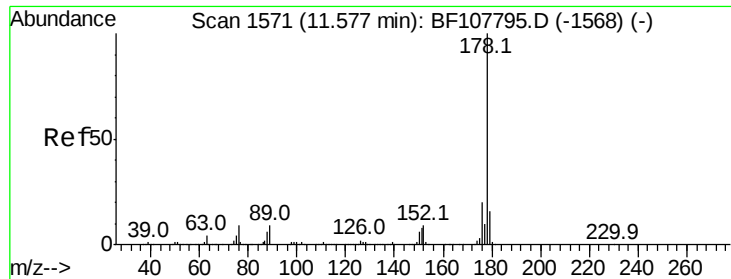


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

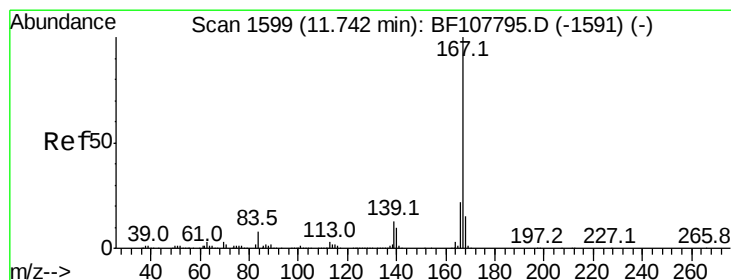
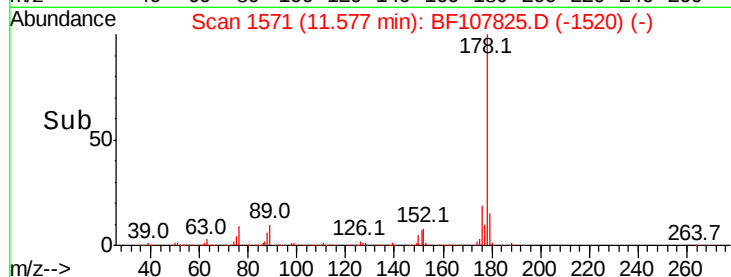
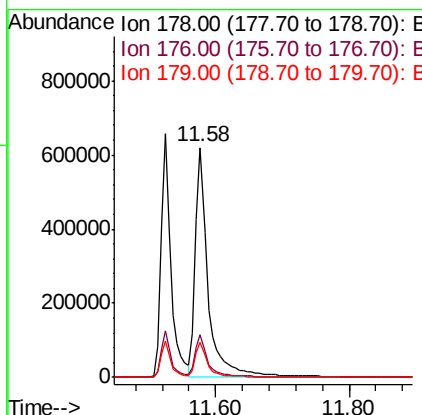
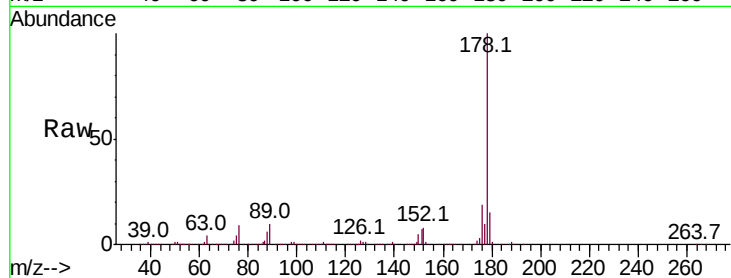




#71
 Anthracene
 Concen: 32.910 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

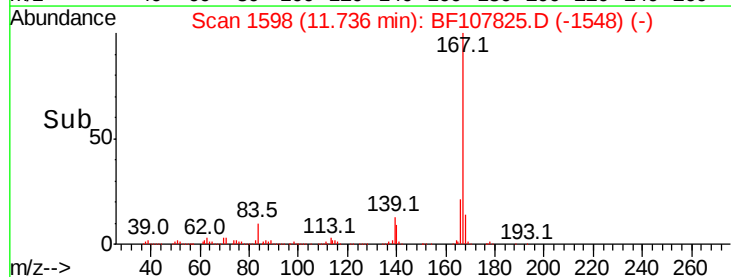
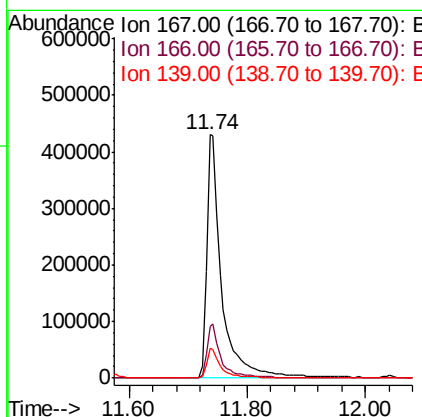
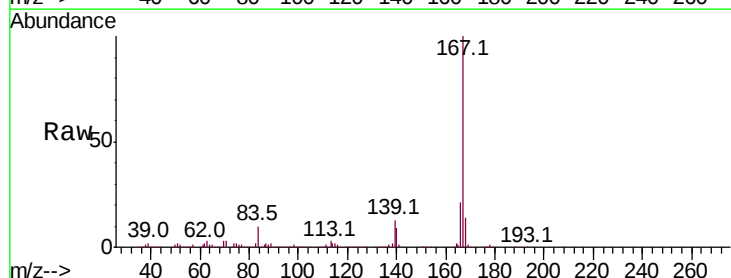
Instrument :
 BNA_F
 ClientSampled :

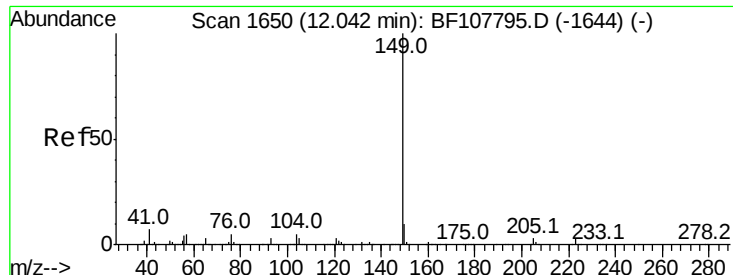
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.2	12.6	19.0



#72
 Carbazole
 Concen: 31.973 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	12.5	10.9	16.3

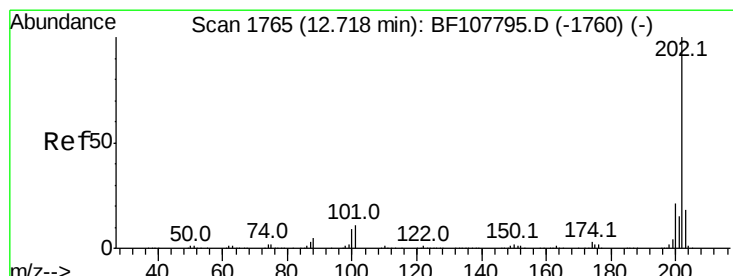
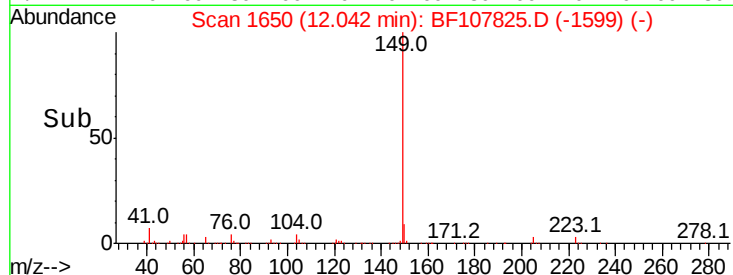
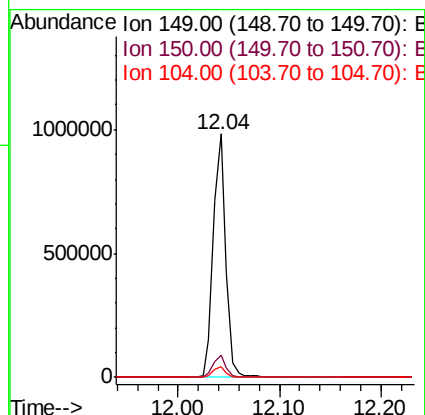
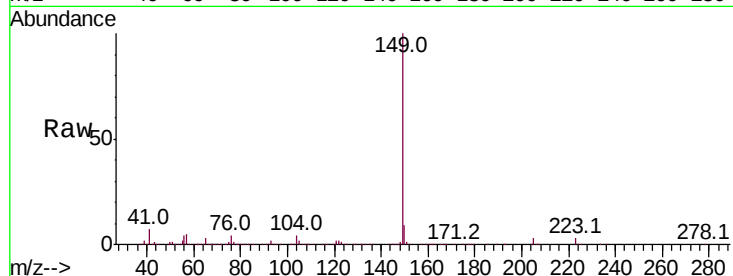




#73
Di-n-butylphthalate
Concen: 32.602 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

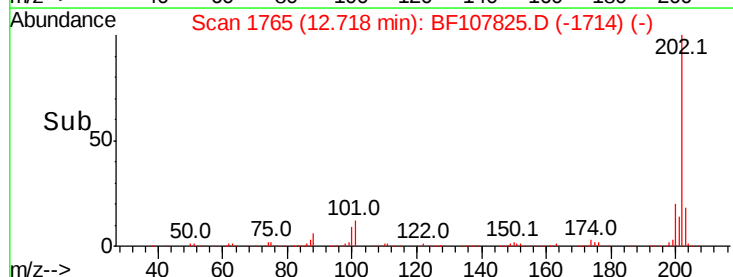
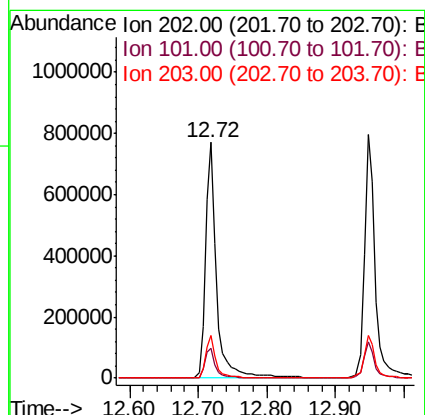
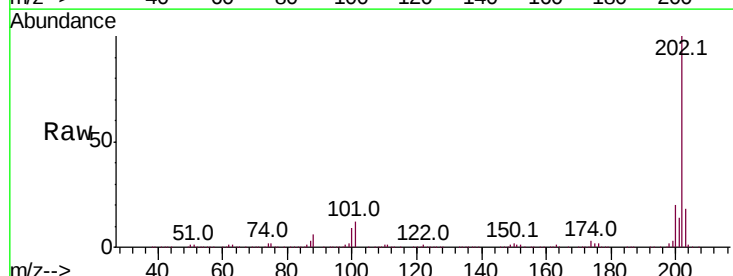
Instrument :
BNA_F
ClientSampled :

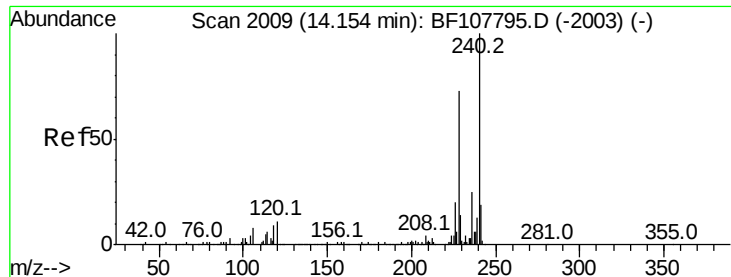
Tot Ion:149 Resp: 845833
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 35.860 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion:202 Resp: 878935
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

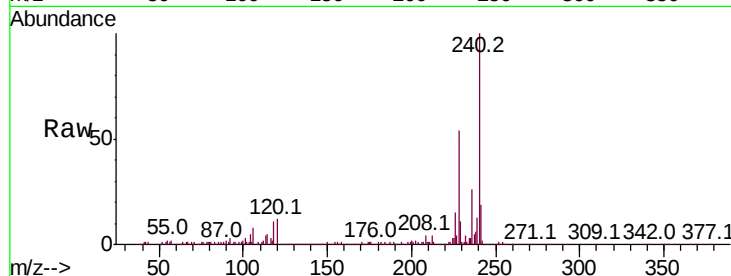
Tot Ion:240 Resp: 463311

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

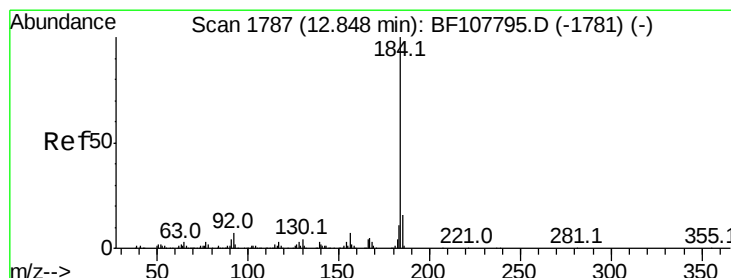
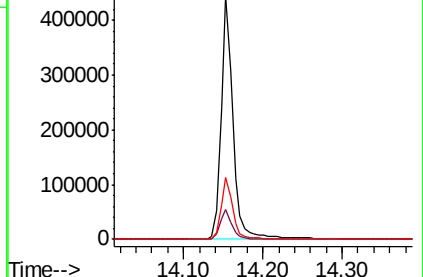
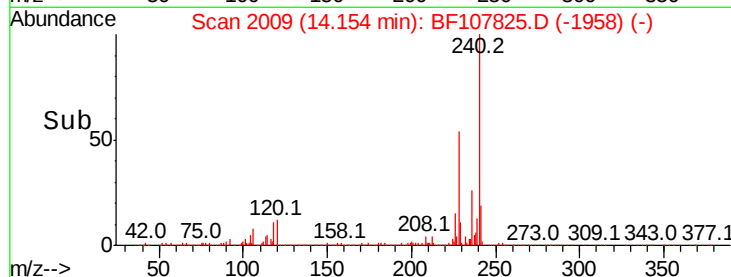
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.718 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

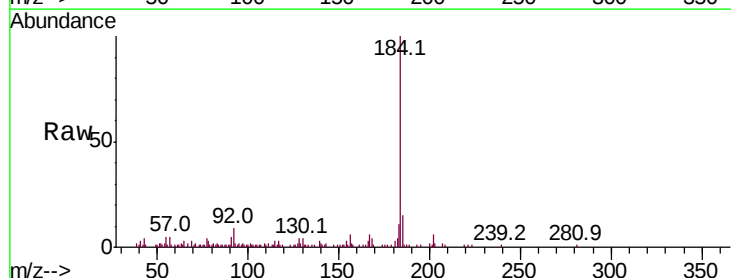
Tgt Ion:184 Resp: 145576

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

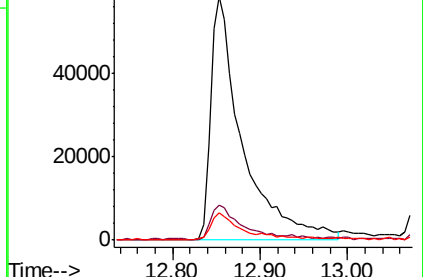
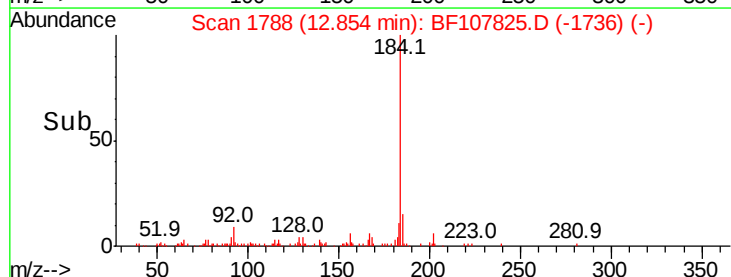
183 11.0 9.3 13.9

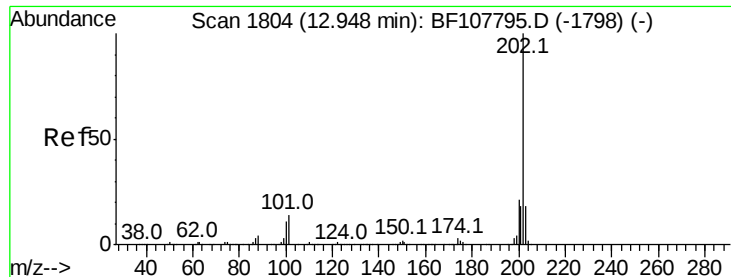


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 26.380 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampled :

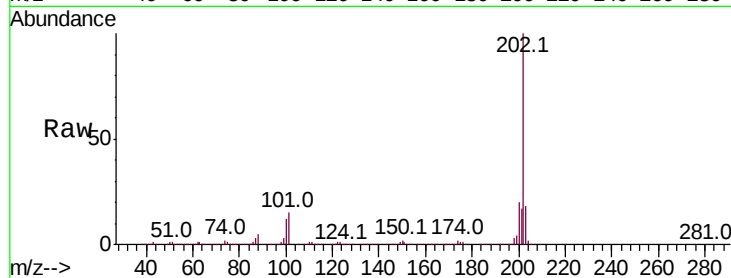
Tot Ion:202 Resp: 880111

Ion Ratio Lower Upper

202 100

200 20.1 17.4 26.2

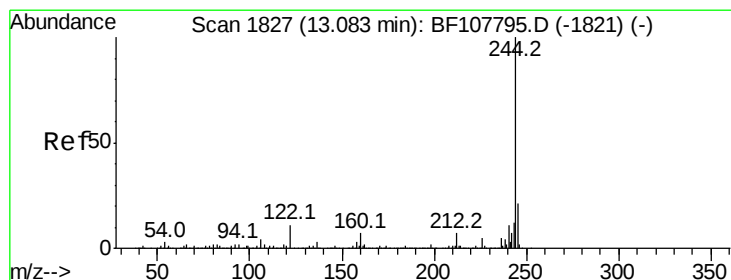
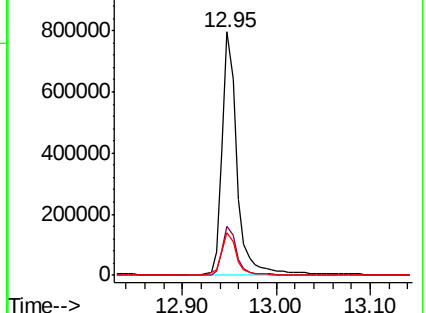
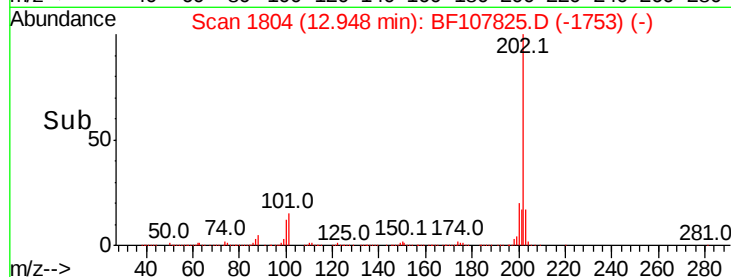
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 53.808 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

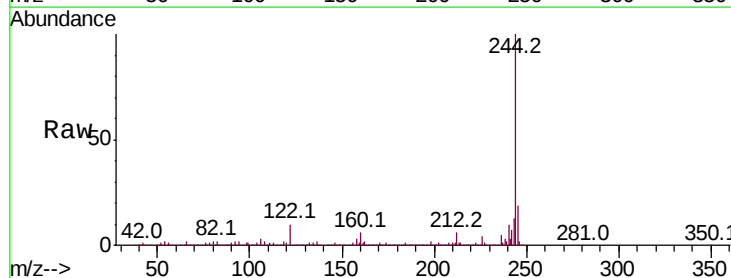
Tgt Ion:244 Resp: 1149663

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

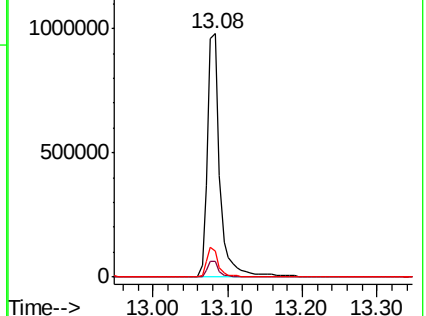
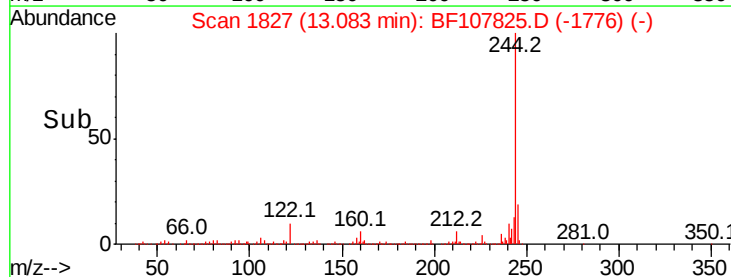
122 10.5 11.0 16.4#

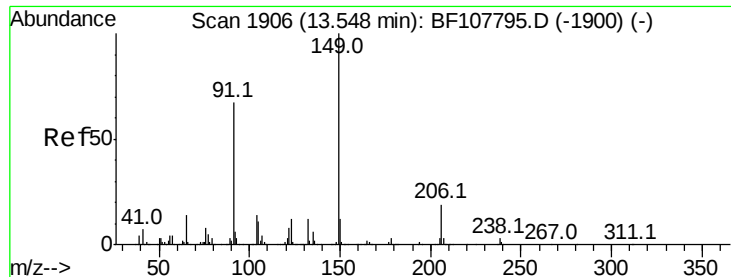


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 27.585 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

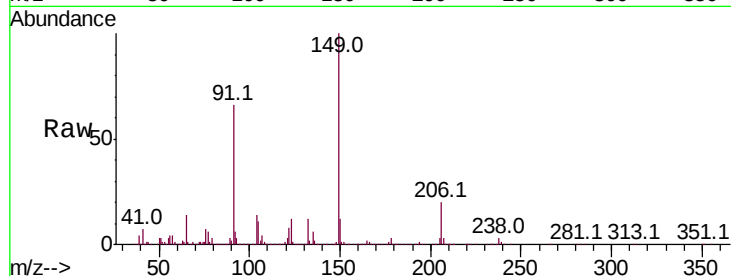
Tot Ion:149 Resp: 403017

Ion	Ratio	Lower	Upper
149	100		
91	65.5	56.8	85.2
206	20.3	14.1	21.1

149 100

91 65.5 56.8 85.2

206 20.3 14.1 21.1

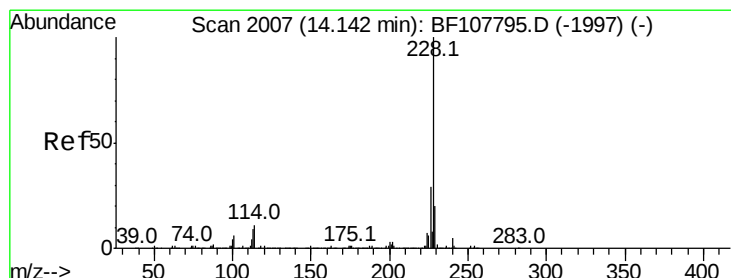
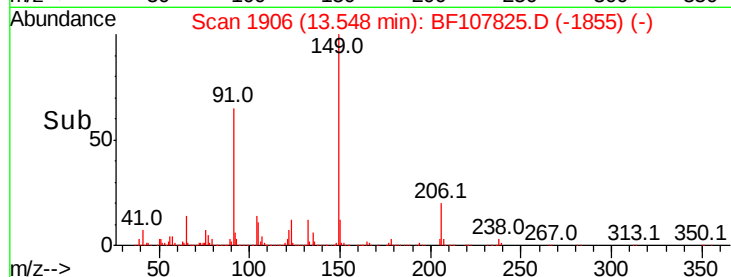
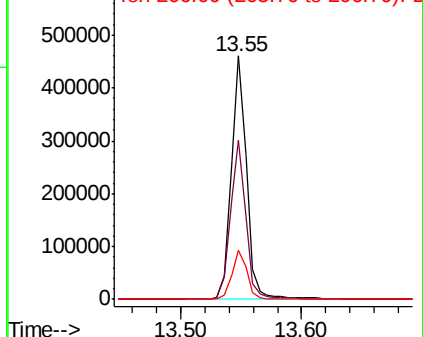


Abundance

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: 31.681 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

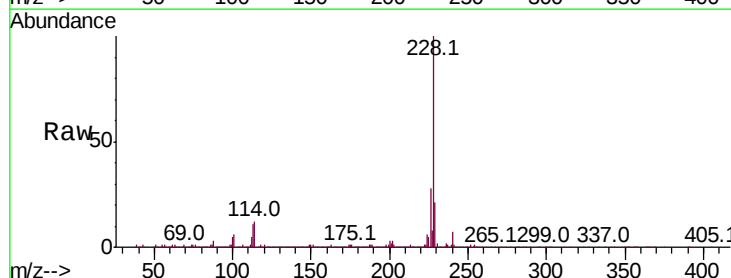
Tgt Ion:228 Resp: 831468

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.7	15.8	23.6

228 100

226 28.5 22.6 33.8

229 20.7 15.8 23.6

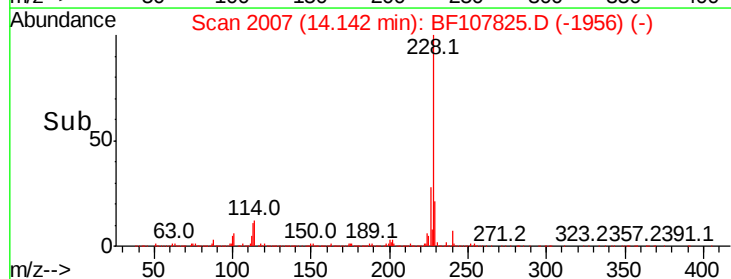
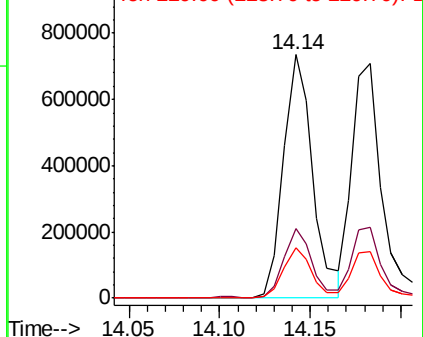


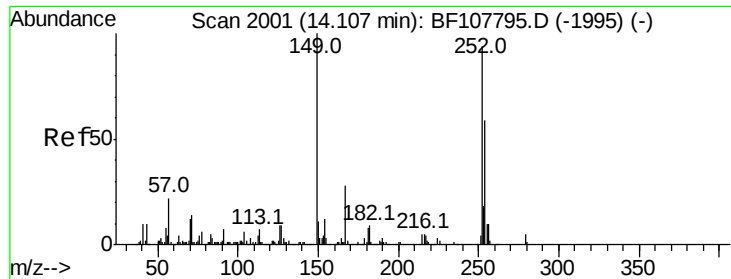
Abundance

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

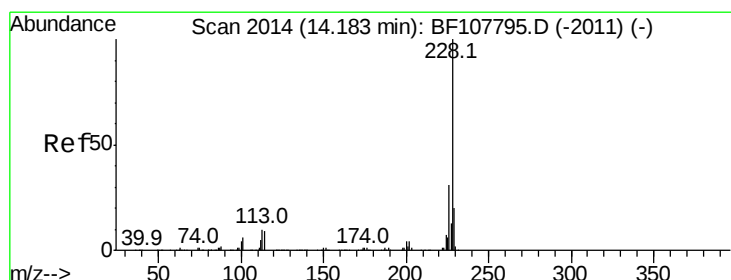
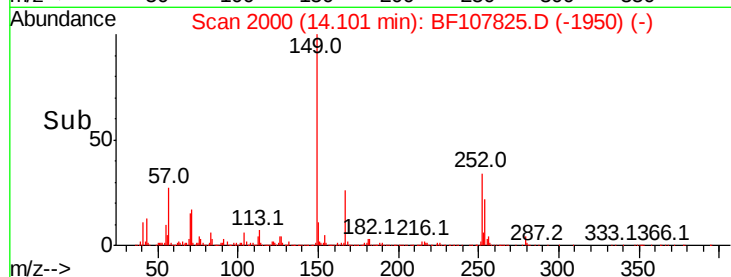
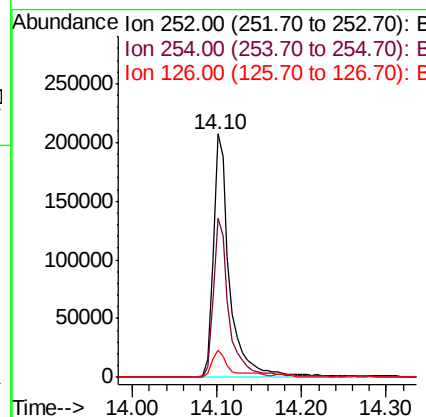
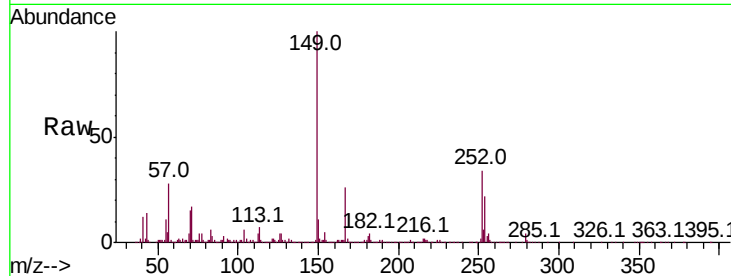




#81
 3,3'-Dichlorobenzidine
 Concen: 27.922 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

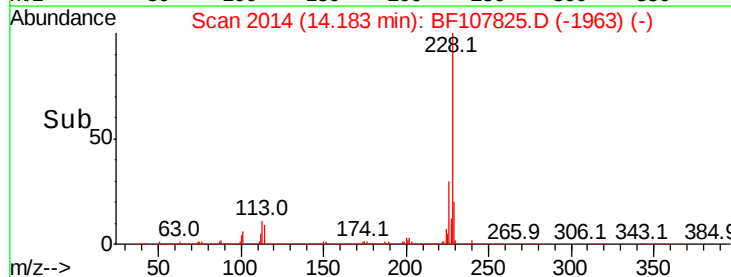
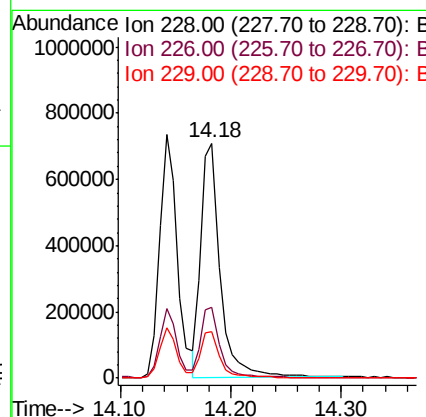
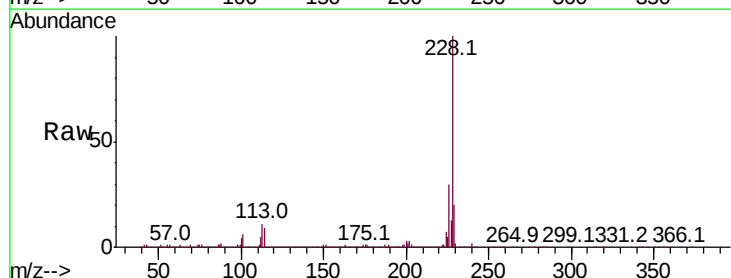
Instrument :
 BNA_F
 ClientSampleId :

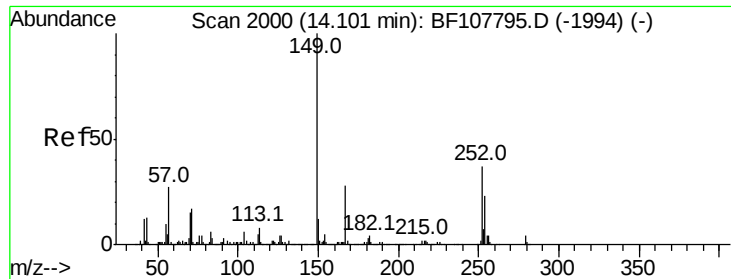
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.4	75.6
126	11.4	11.3	16.9



#82
 Chrysene
 Concen: 29.896 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.7	16.2	24.4

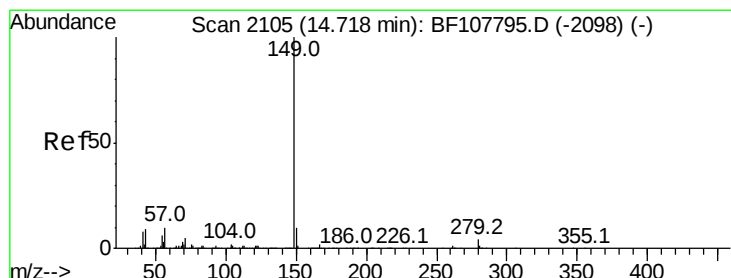
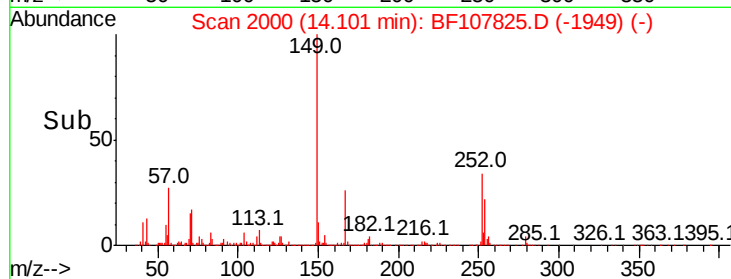
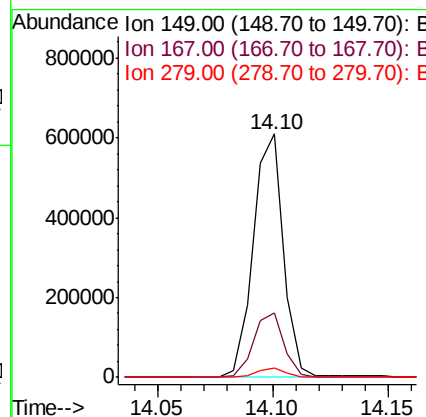
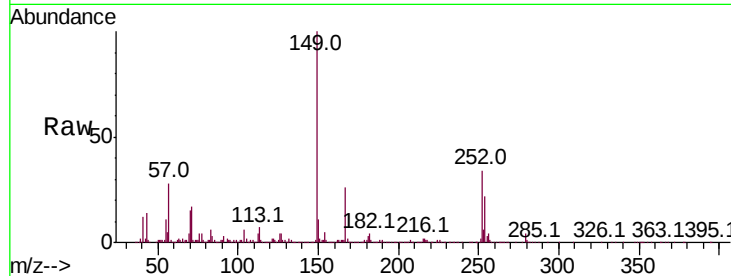




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.130 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

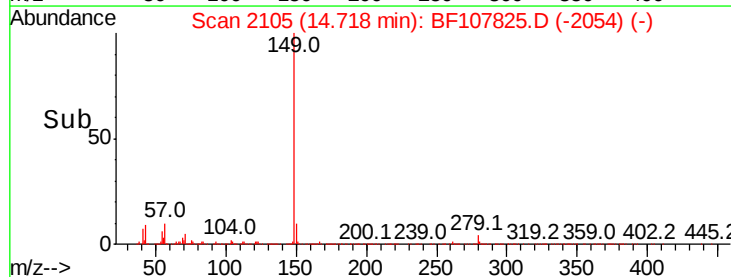
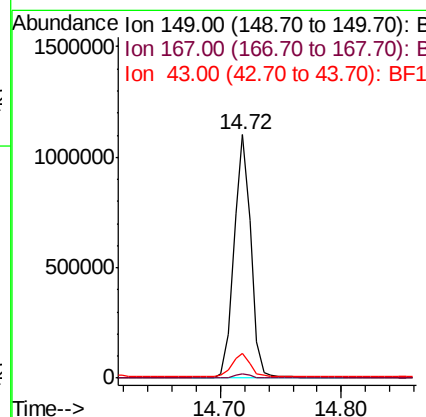
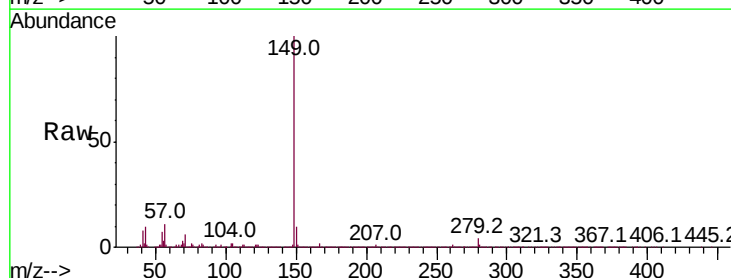
Instrument :
 BNA_F
 ClientSampleId :

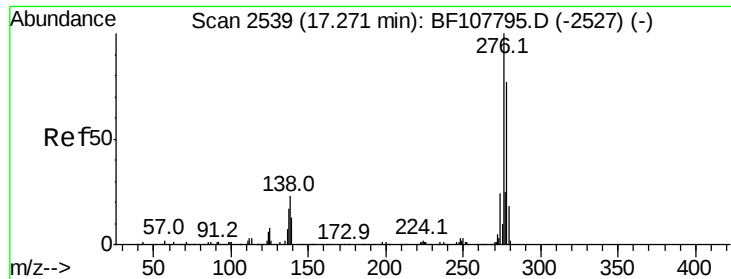
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.6	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 35.854 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.4	12.6

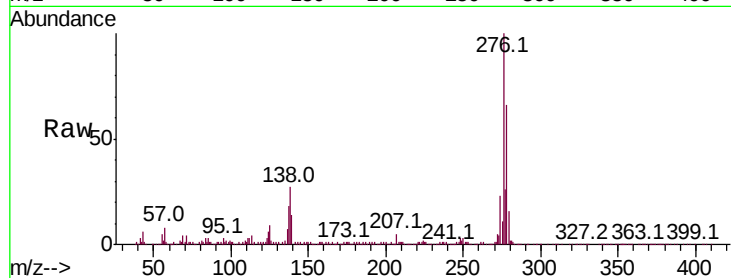




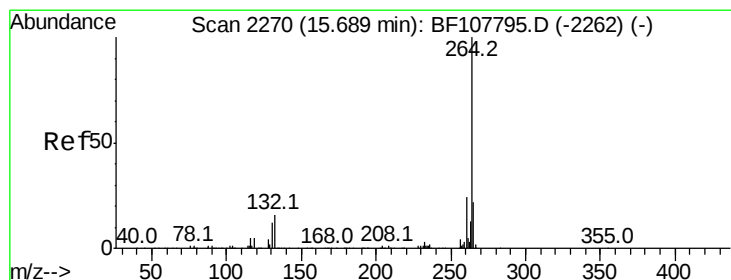
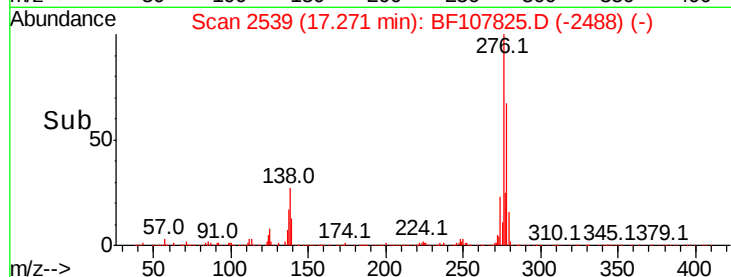
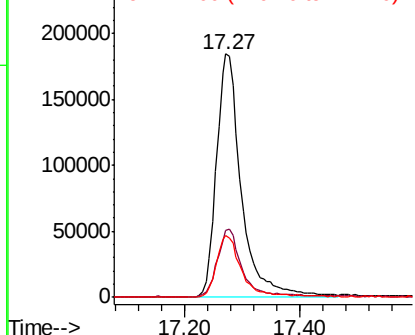
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.754 ng
 RT: 17.27 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.0	37.6
277	25.0	20.1	30.1

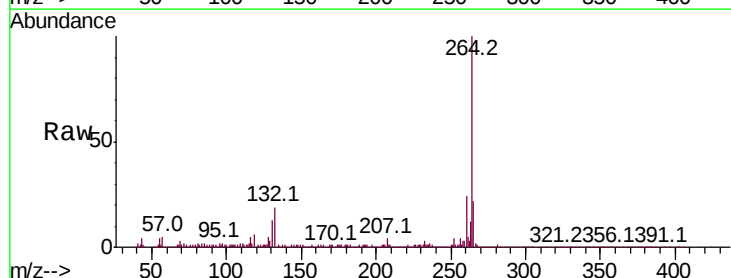


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

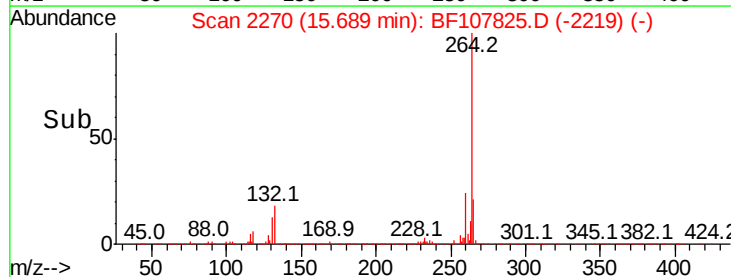
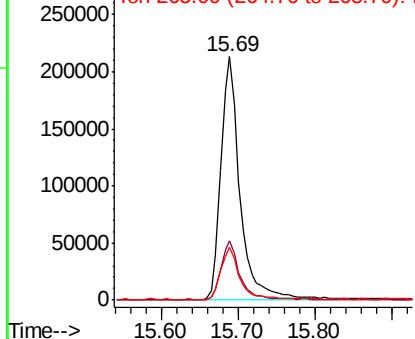


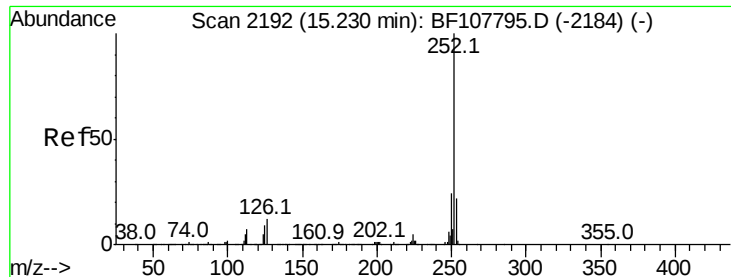
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF107825.D
 Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	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

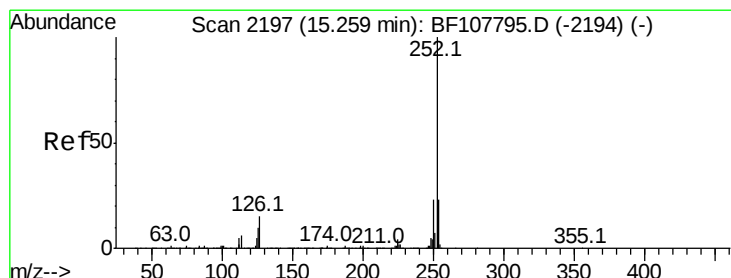
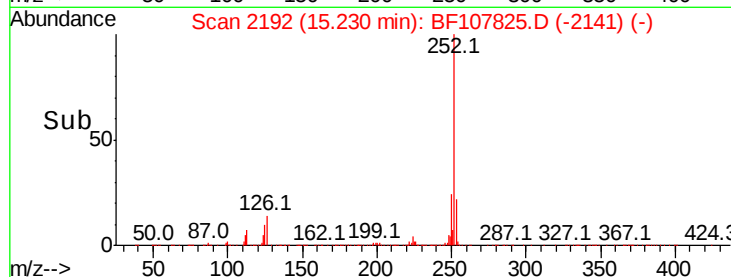
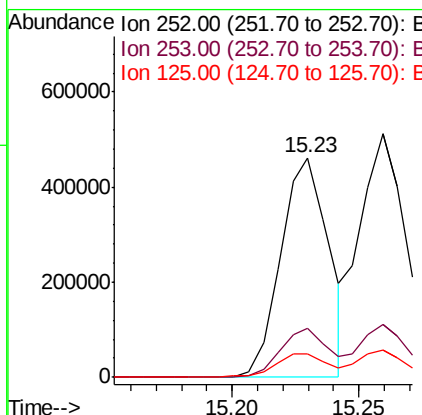
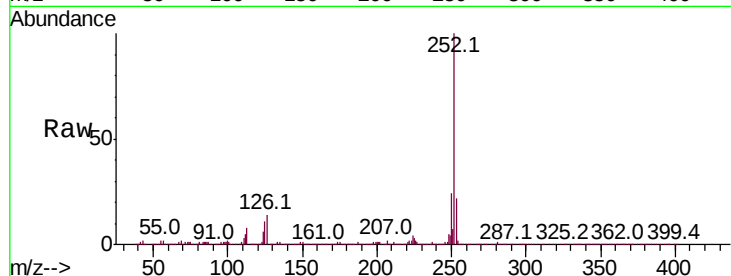




#87
Benzo(b)fluoranthene
Concen: 33.066 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

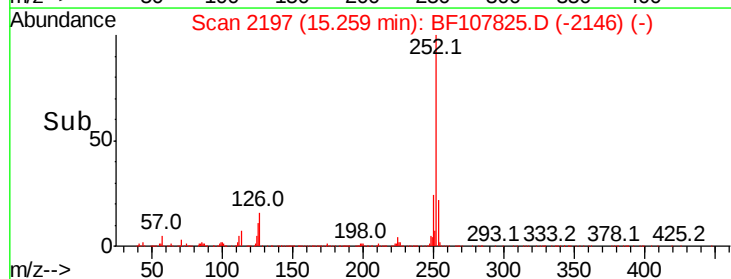
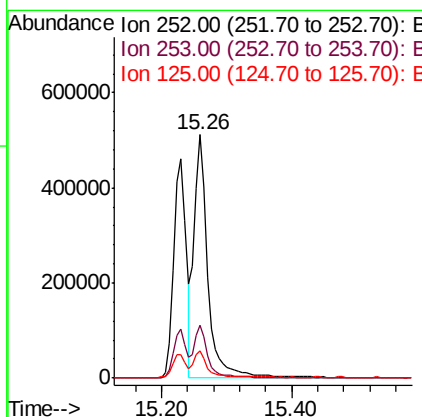
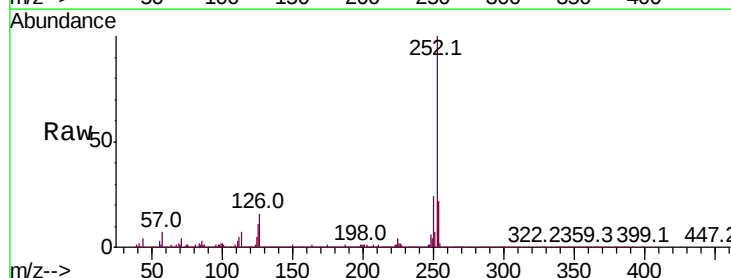
Instrument :
BNA_F
ClientSampleId :

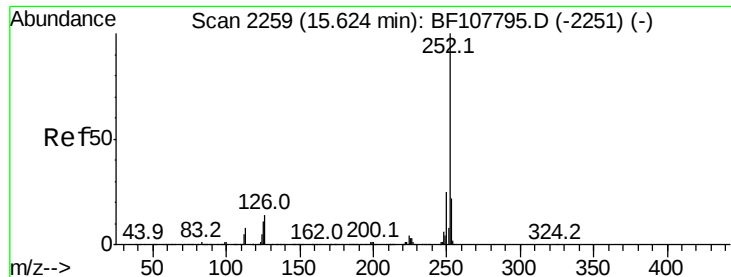
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.5	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 33.588 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.2	10.2	15.2

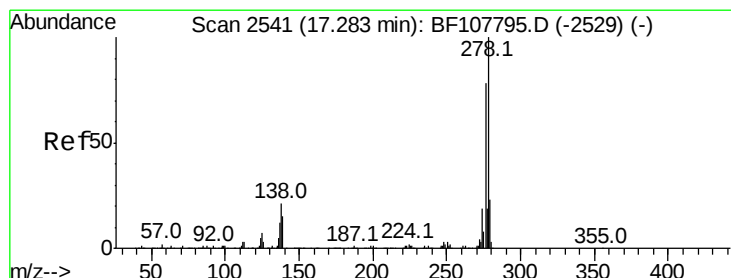
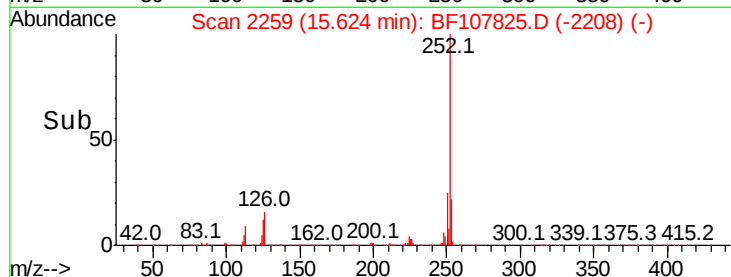
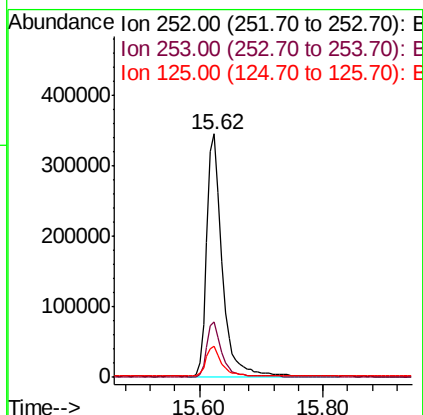
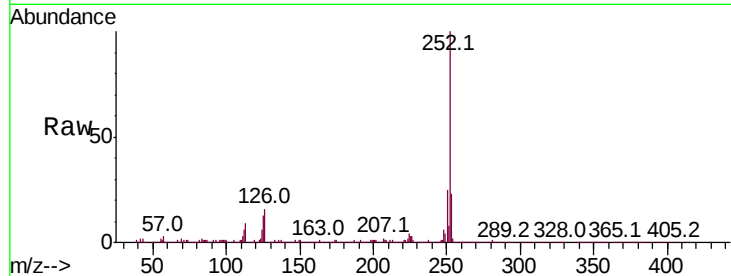




#89
Benzo(a)pyrene
Concen: 31.530 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

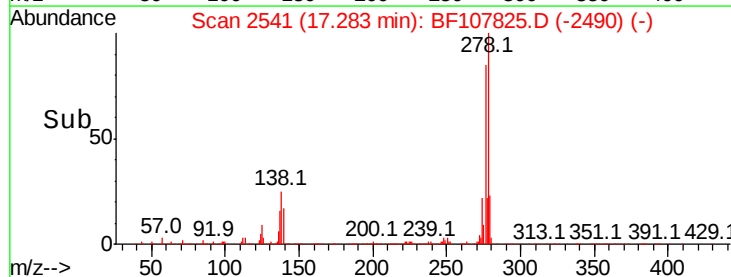
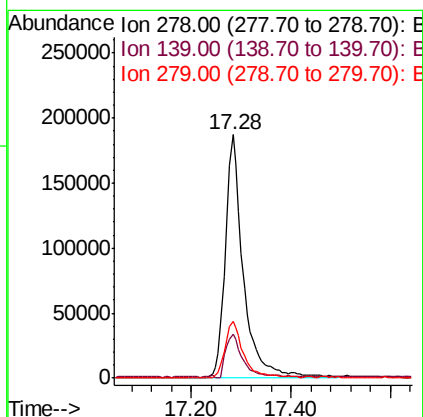
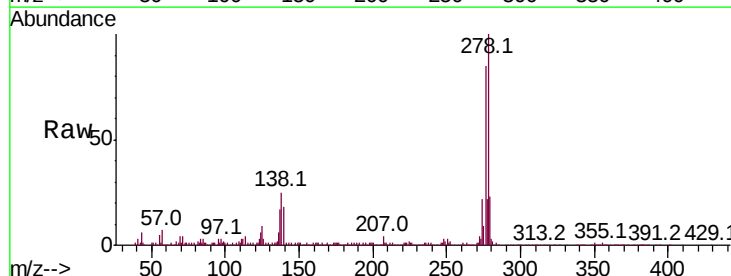
Instrument :
BNA_F
ClientSampleId :

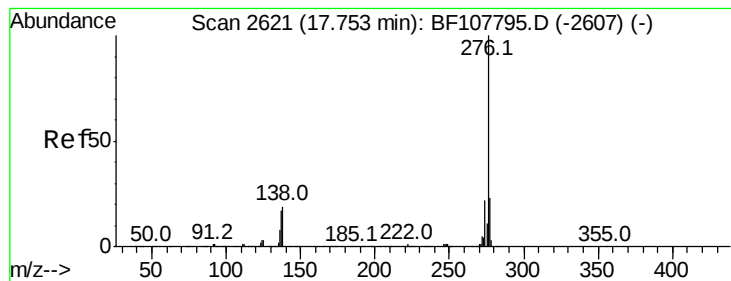
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	12.9	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 28.916 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF107825.D
Acq: 31 Jul 2018 2:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	23.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 28.063 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BF107825.D

Acq: 31 Jul 2018 2:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 447616

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 23.1 21.8 32.8

