

#1

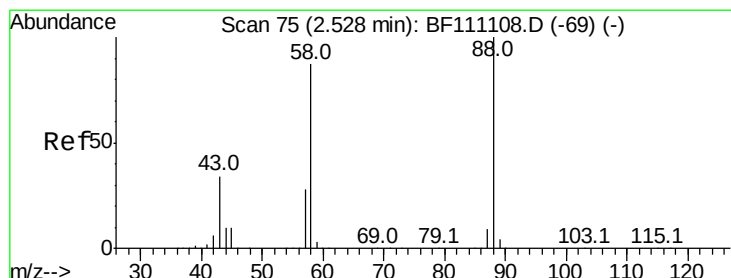
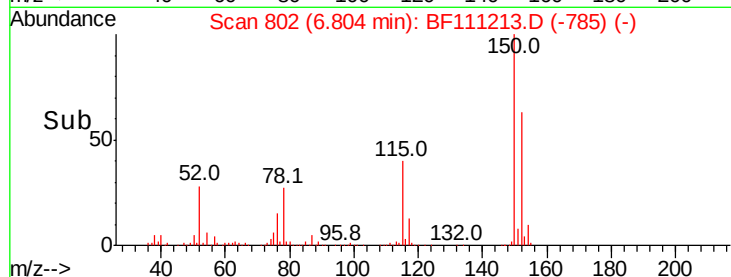
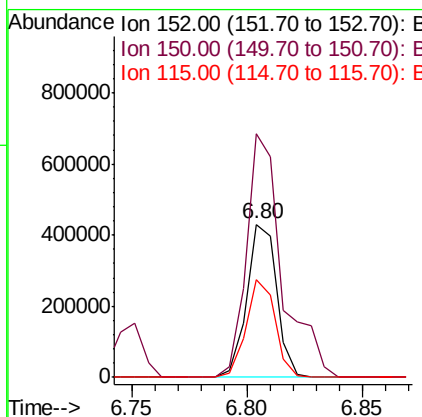
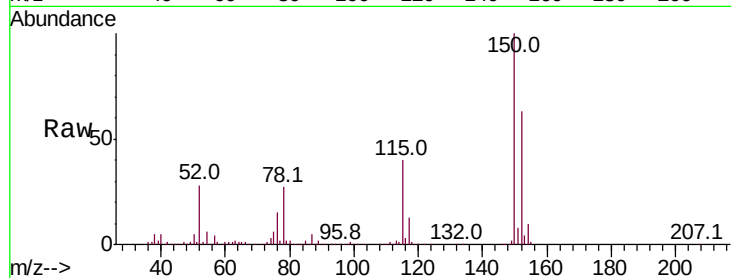
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	187.0
115	64.1	52.2	78.2

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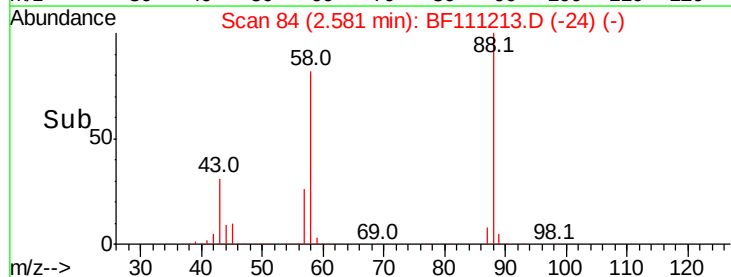
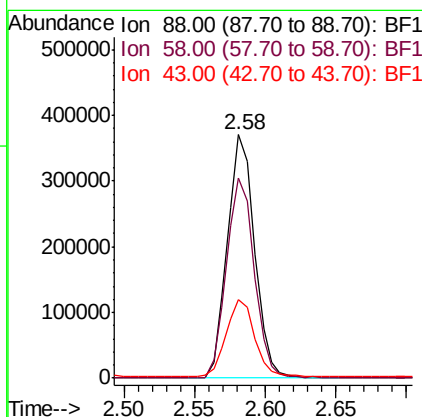
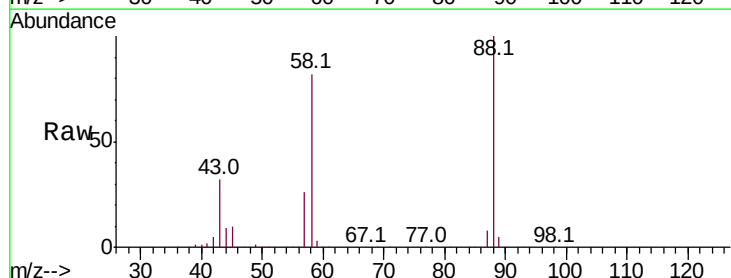
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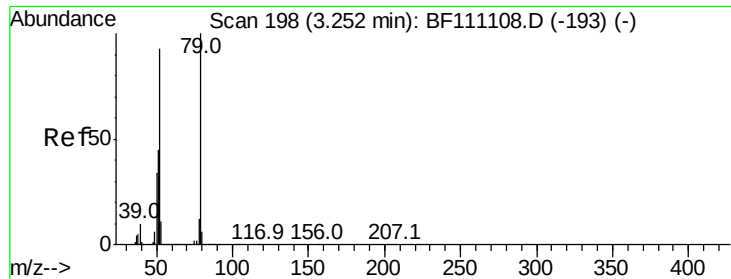


#2

1,4-Dioxane
Concen: 34.769 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.05 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	70.8	106.2
43	32.6	28.3	42.5





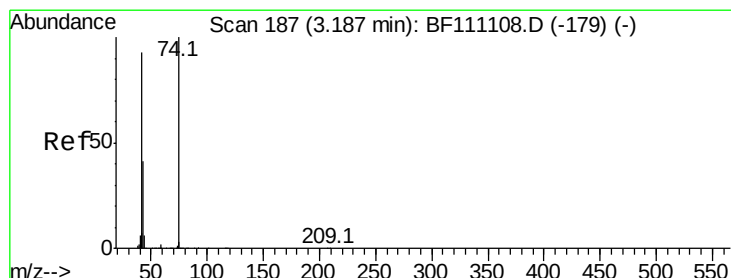
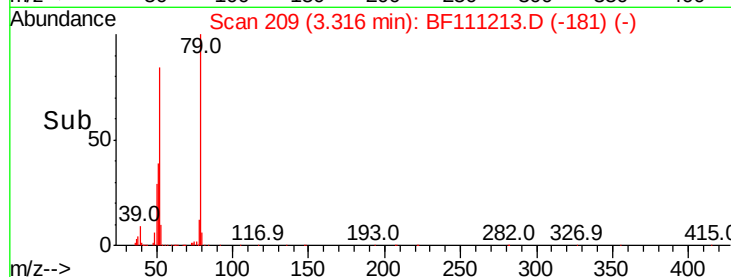
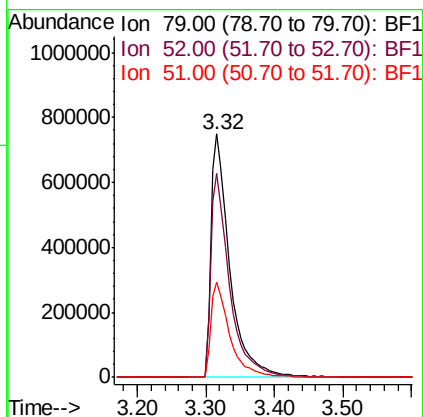
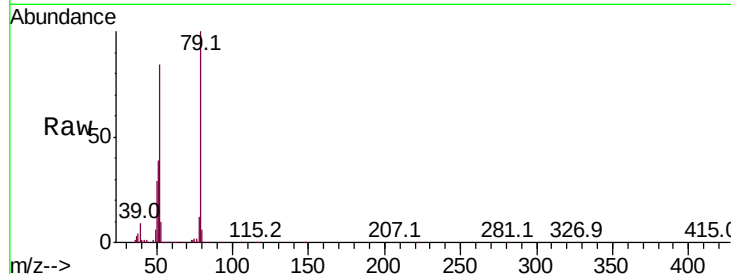
#3
 Pvridine
 Concen: 44.309 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.06 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BS

Tot Ion: 79 Resp: 1412440
 Ion Ratio Lower Upper
 79 100
 52 83.6 74.7 112.1
 51 39.2 35.9 53.9

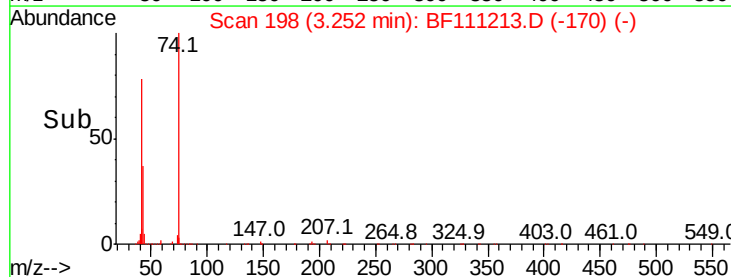
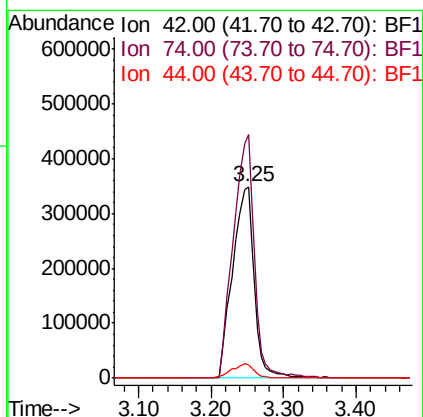
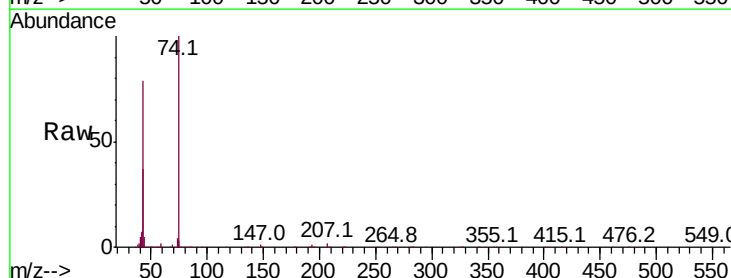
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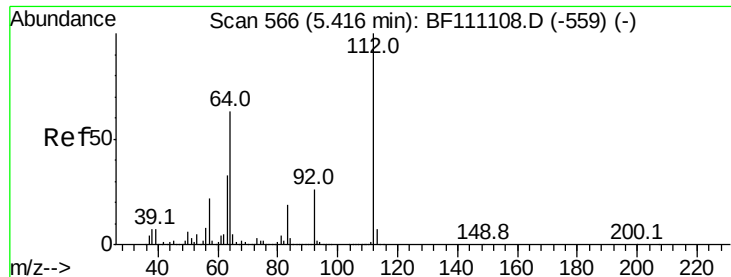
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#4
 n-Nitrosodimethylamine
 Concen: 46.103 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.06 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Tgt Ion: 42 Resp: 723594
 Ion Ratio Lower Upper
 42 100
 74 127.4 86.2 129.2
 44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 87.826 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

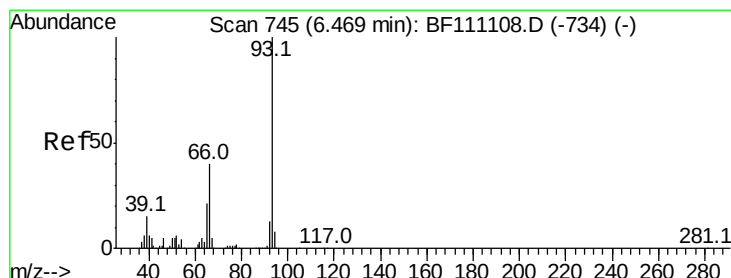
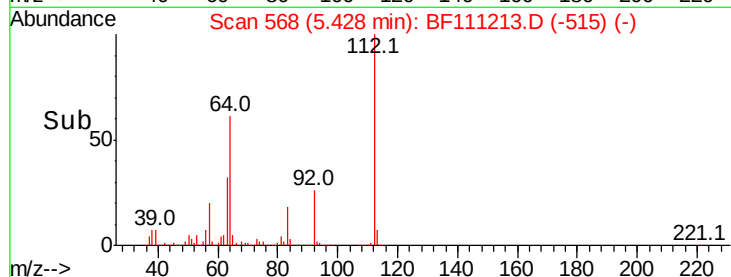
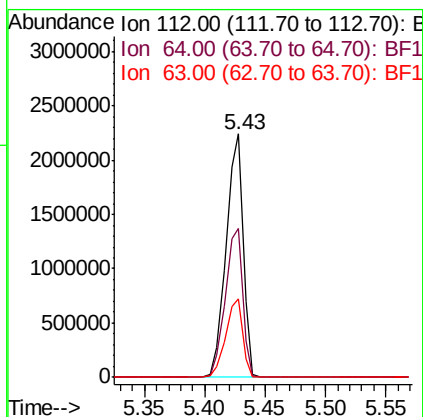
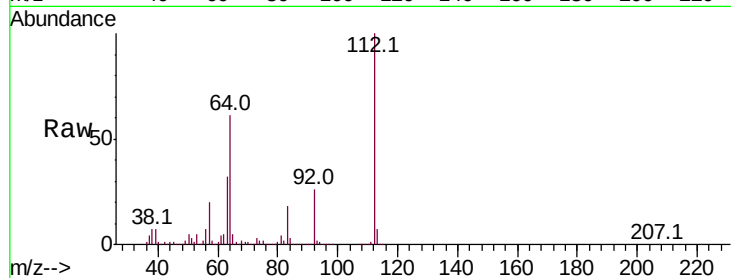
ClientSampleId :

PB115402BS

Tot Ion:	112	Resp:	2194552
Ion	Ratio	Lower	Upper
112	100		
64	60.9	50.2	75.4
63	32.3	26.6	39.8

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#6

Aniline

Concen: 20.089 ng

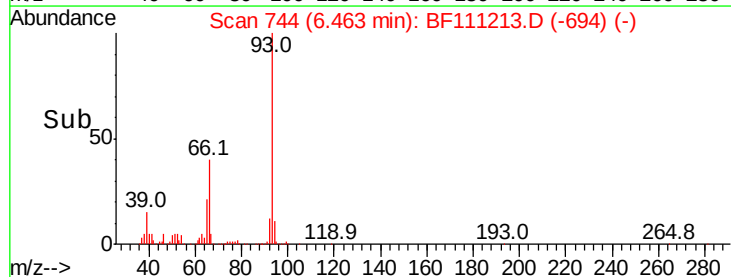
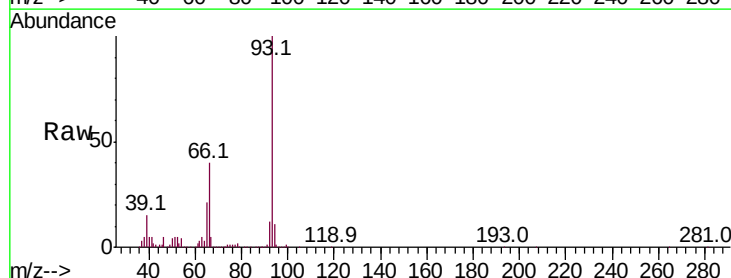
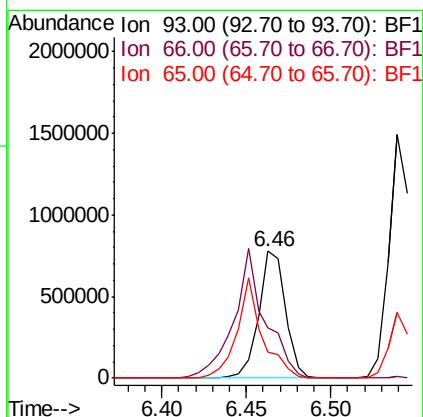
RT: 6.46 min Scan# 744

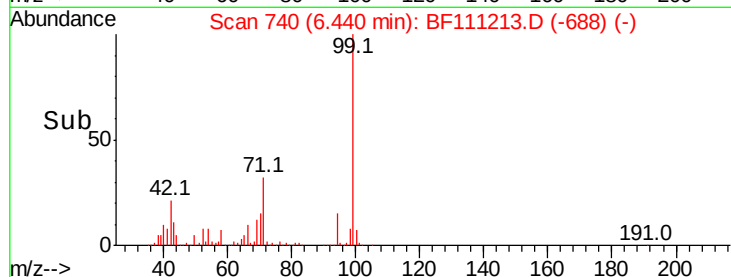
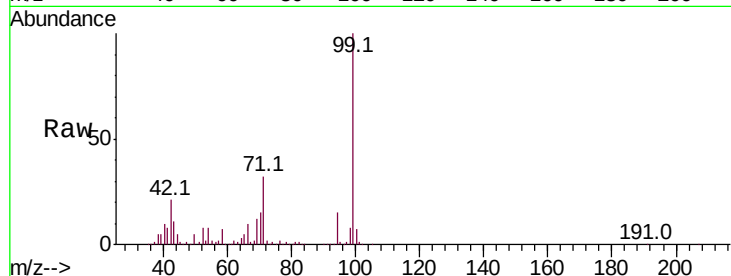
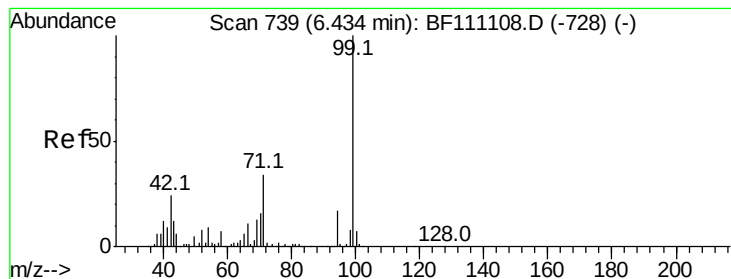
Delta R.T. -0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Tgt Ion:	93	Resp:	863917
Ion	Ratio	Lower	Upper
93	100		
66	39.7	31.8	47.8
65	20.8	16.6	24.8





#7

Phenol-d6

Concen: 94.819 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Tot Ion: 99 Resp: 3052063

Ion Ratio Lower Upper

99 100

42 21.3 19.3 28.9

71 32.3 27.4 41.2

Instrument :

BNA_F

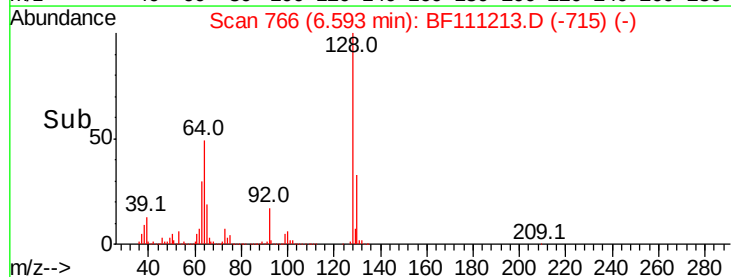
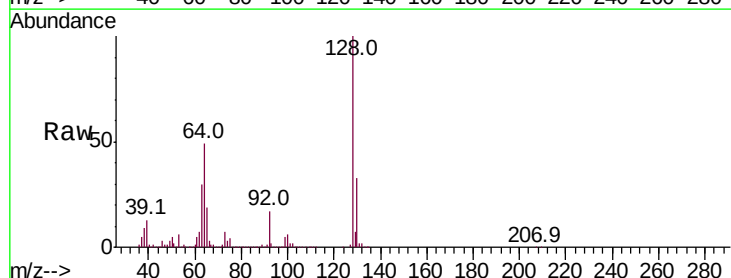
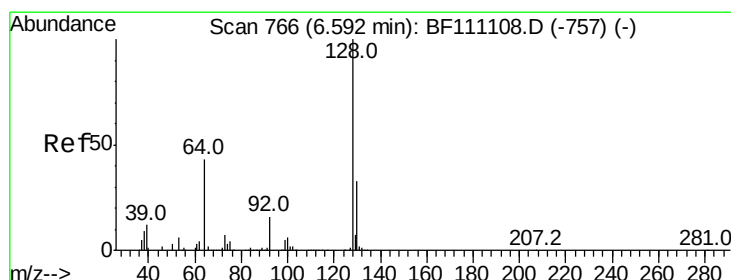
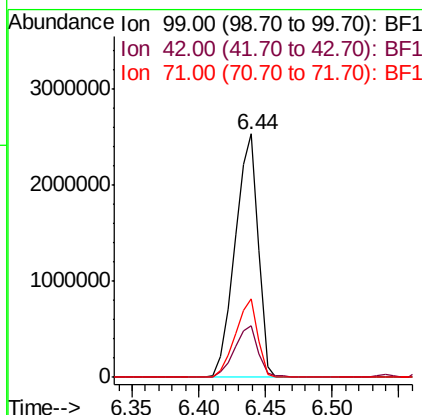
ClientSampleId :

PB115402BS

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#8

2-Chlorophenol

Concen: 43.064 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

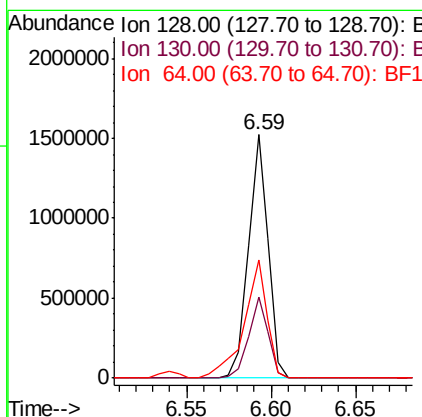
Tgt Ion:128 Resp: 1240300

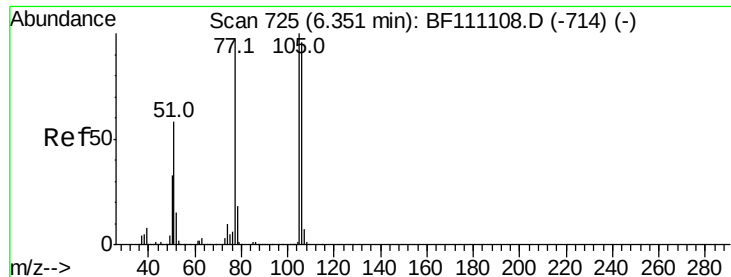
Ion Ratio Lower Upper

128 100

130 33.0 12.8 52.8

64 48.6 26.6 66.6





#9

Benzaldehyde

Concen: 36.361 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

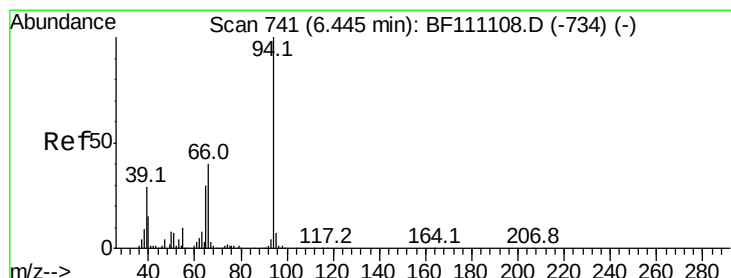
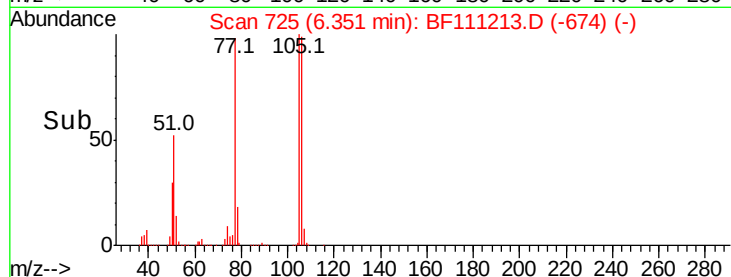
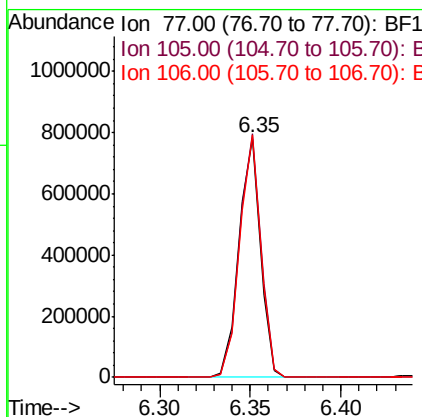
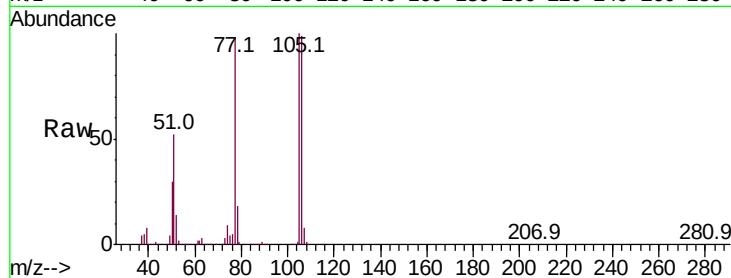
ClientSampleId :

PB115402BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.9	83.1	123.1
106	101.4	79.0	119.0

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#10

Phenol

Concen: 47.512 ng

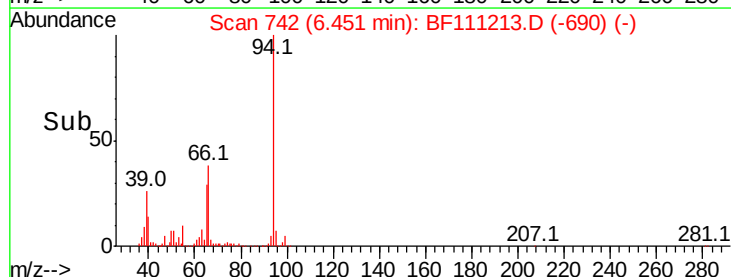
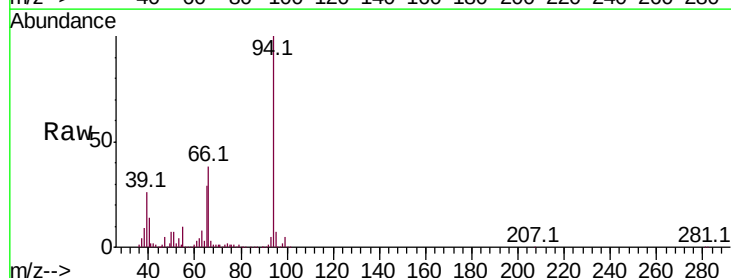
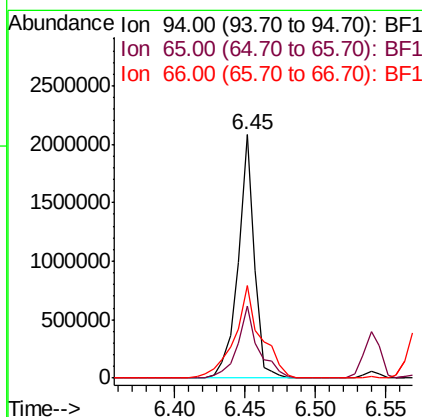
RT: 6.45 min Scan# 742

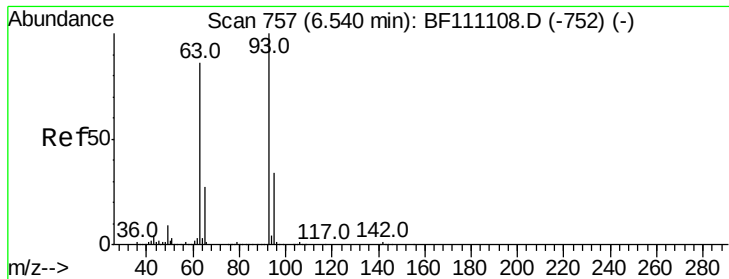
Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.5	50.5
66	38.1	19.8	59.8





#11
bis(2-Chloroethyl)ether
Concen: 44.409 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

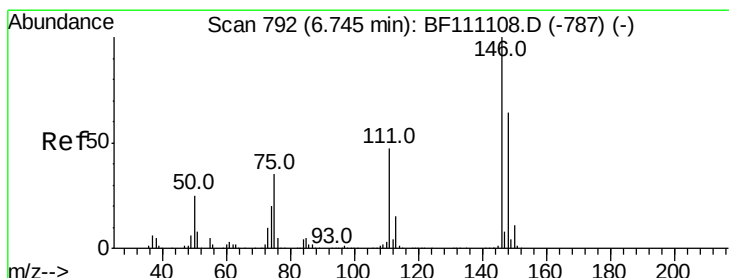
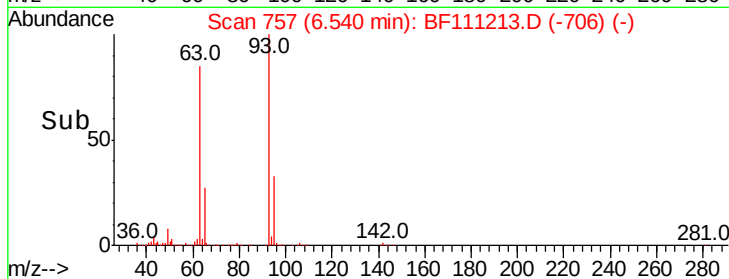
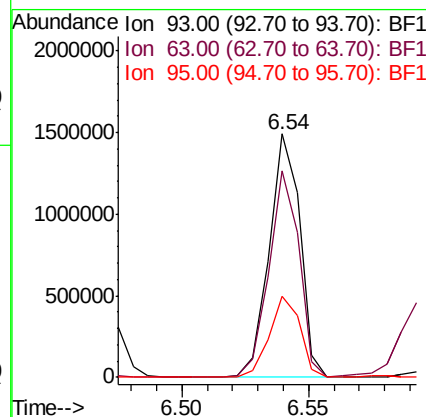
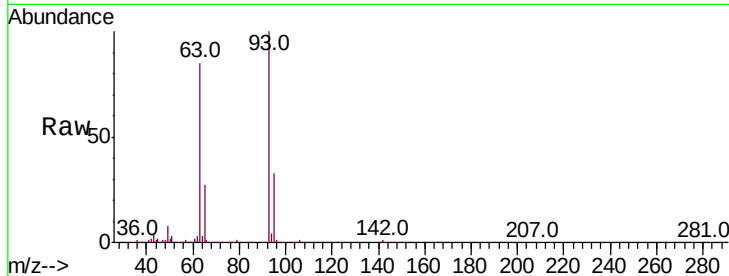
Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion: 93 Resp: 1273879

Ion	Ratio	Lower	Upper
93	100		
63	84.7	66.0	106.0
95	33.3	14.3	54.3

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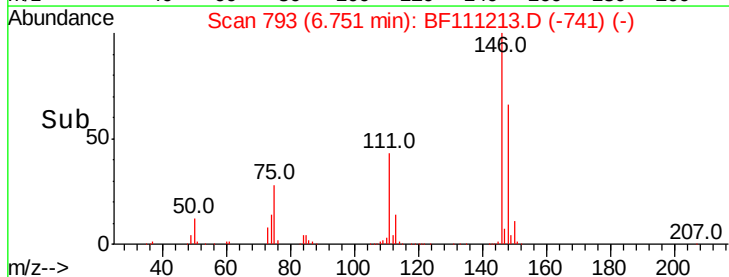
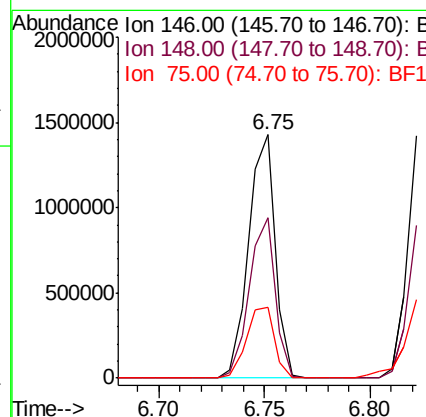
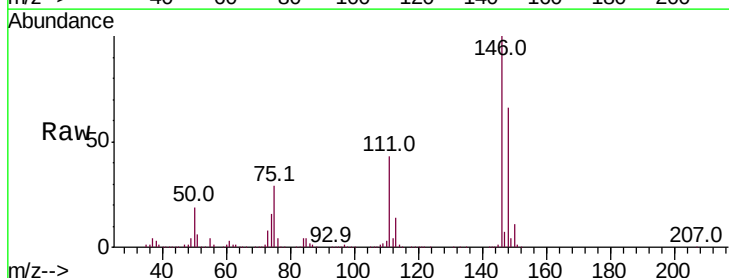
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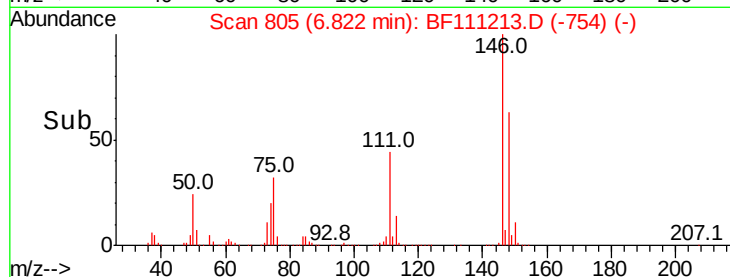
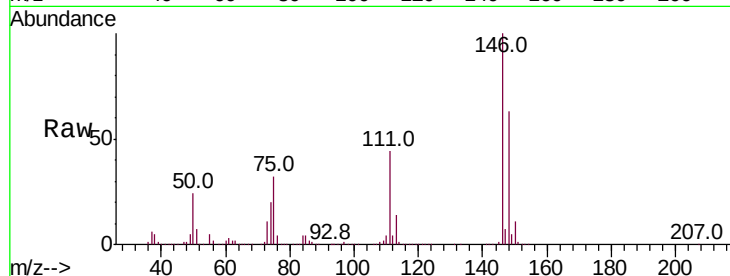
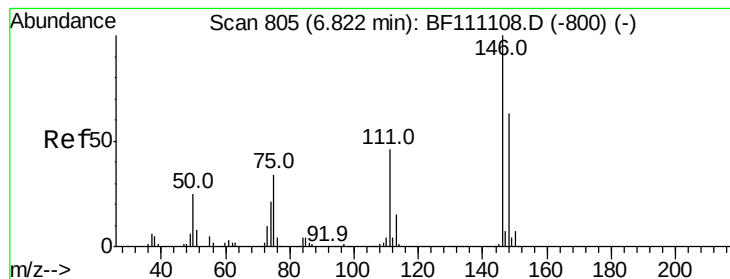


#12
1,3-Dichlorobenzene
Concen: 40.676 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion: 146 Resp: 1245925

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.3	76.9
75	29.0	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 41.833 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Tot Ion:146 Resp: 1289480

Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

111 44.0 36.6 55.0

Instrument :

BNA_F

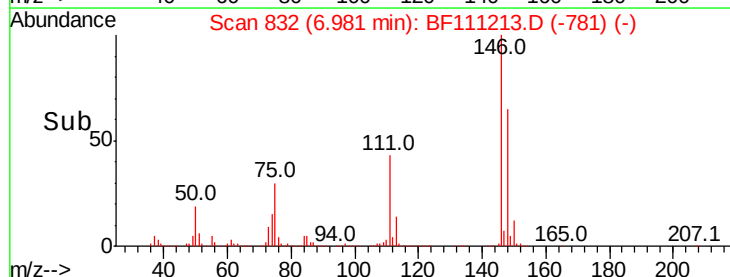
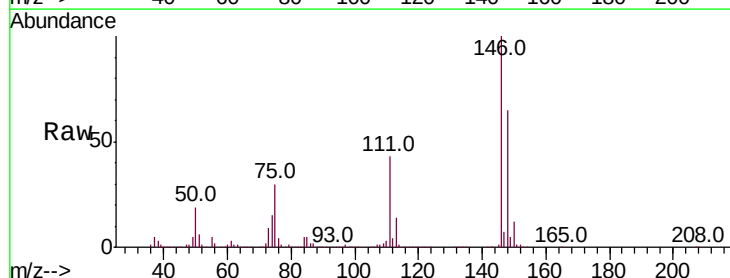
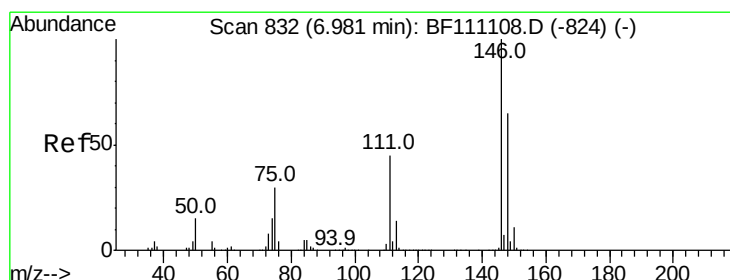
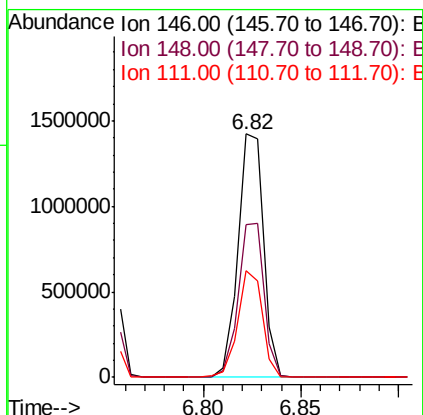
ClientSampleId :

PB115402BS

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#14

1,2-Dichlorobenzene

Concen: 42.501 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

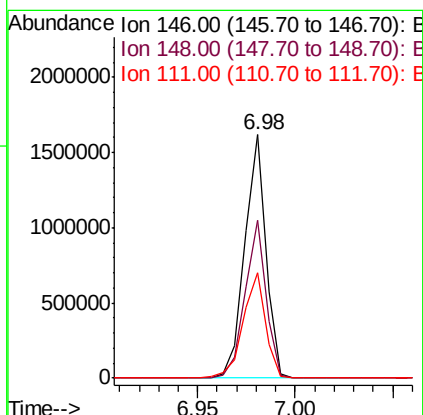
Tgt Ion:146 Resp: 1218676

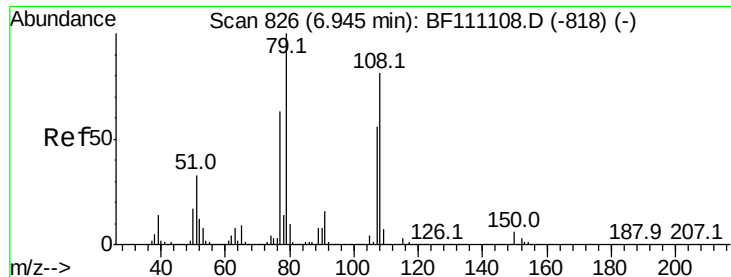
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

111 43.5 35.7 53.5





#15

Benzyl Alcohol

Concen: 42.810 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

PB115402BS

Tot Ion: 79 Resp: 1091839

Ion Ratio Lower Upper

79 100

108 80.8 64.5 96.7

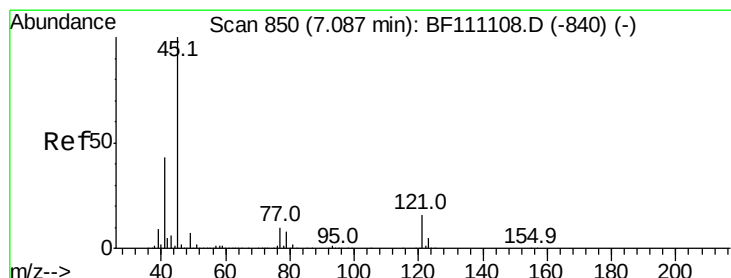
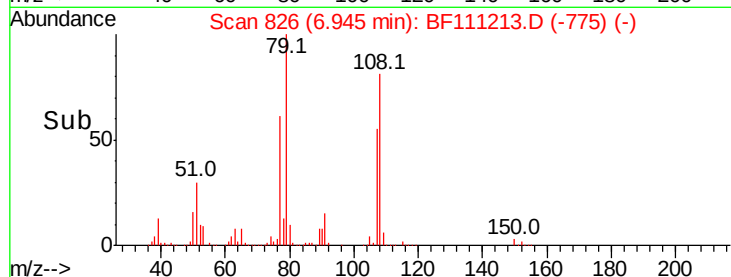
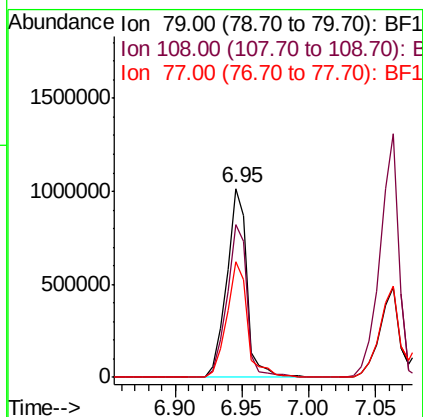
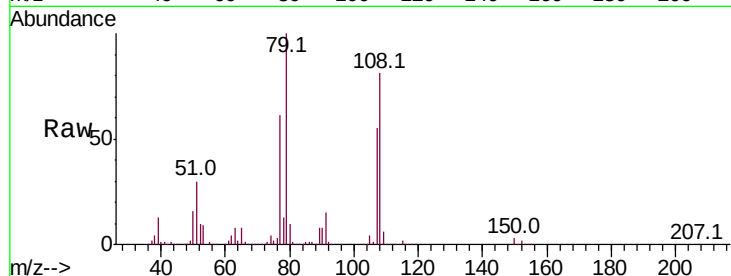
77 61.5 50.5 75.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.199 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

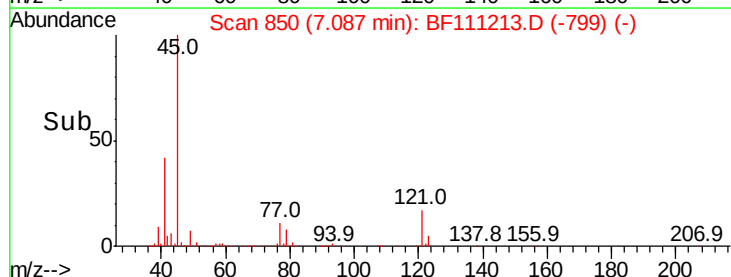
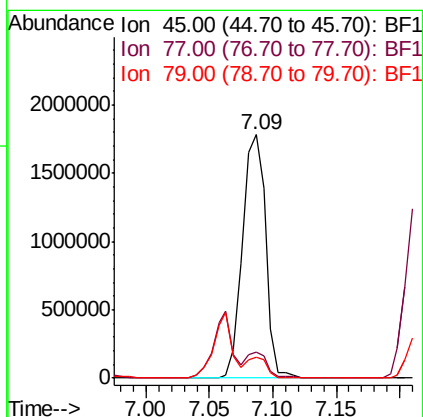
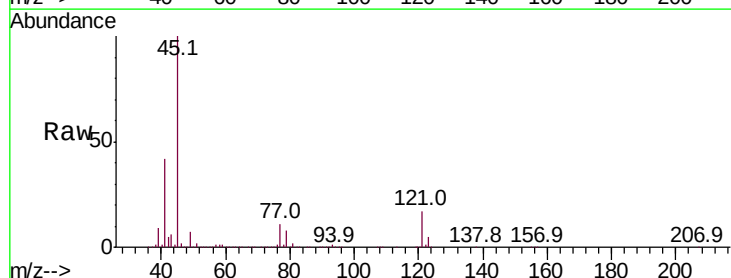
Tgt Ion: 45 Resp: 2243082

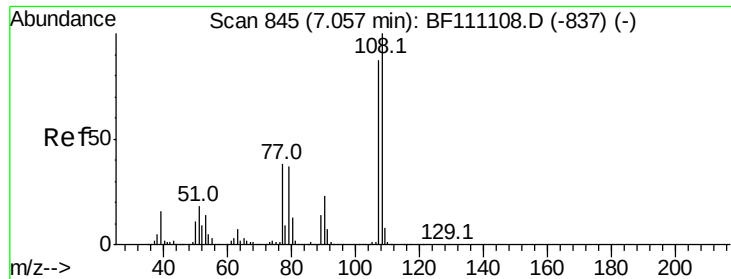
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.6

79 8.5 0.0 28.4





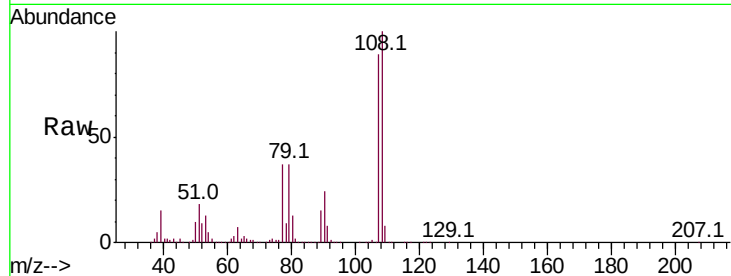
#17
2-Methylphenol
Concen: 46.501 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

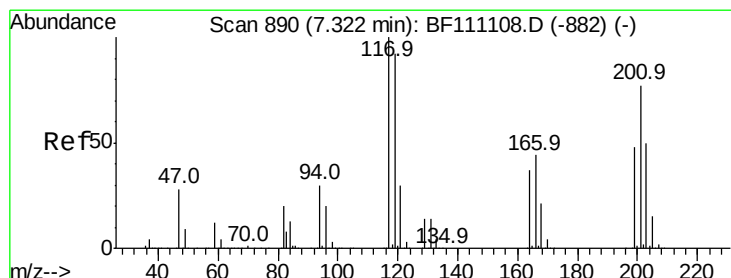
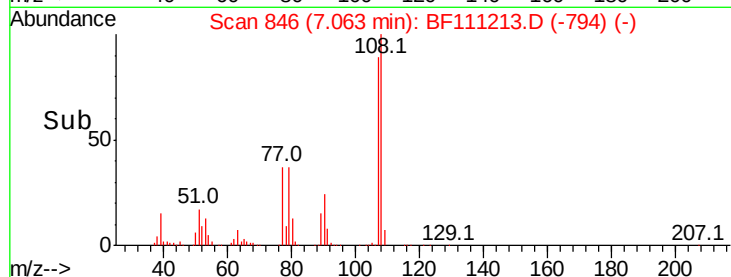
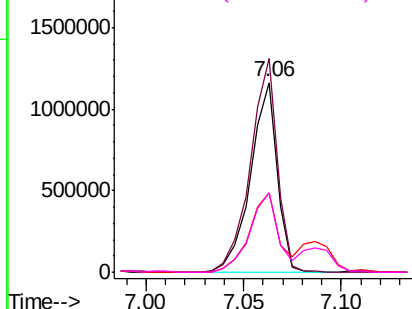
Tot Ion	107	Resp	1099377
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.8	137.8
77	42.0	34.7	52.1
79	41.6	34.2	51.2

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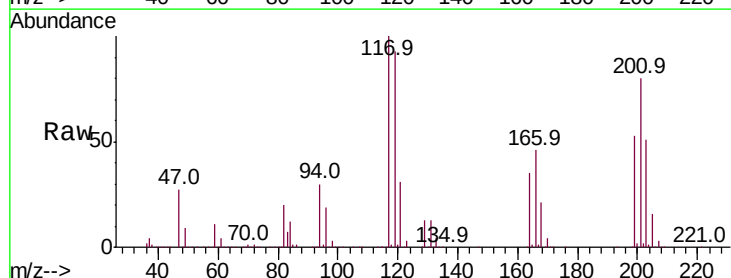


Abundance Ion 107.00 (106.70 to 107.70): E
2000000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

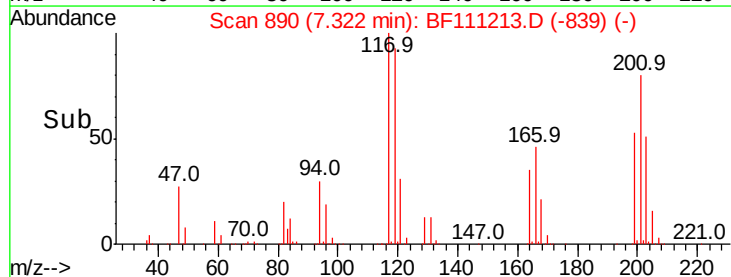
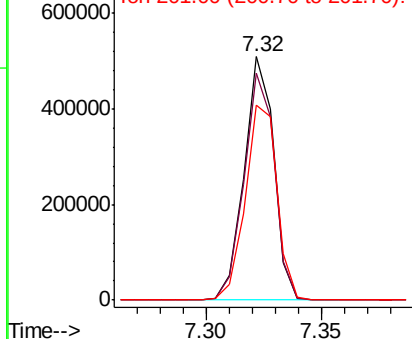


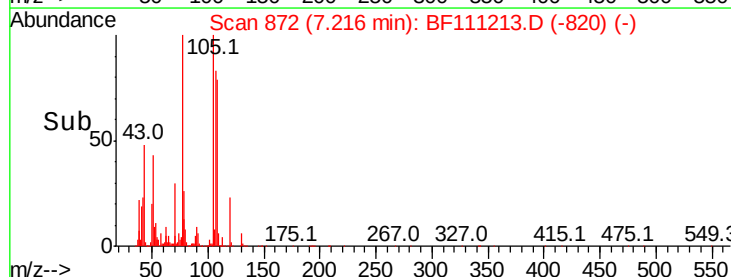
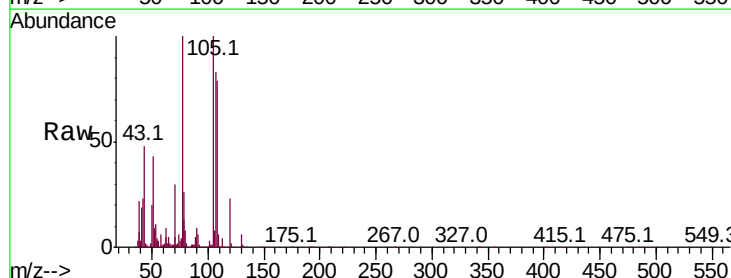
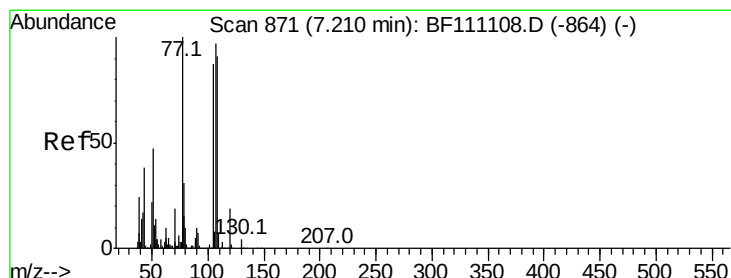
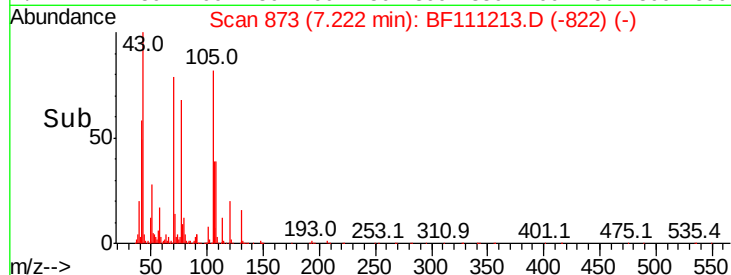
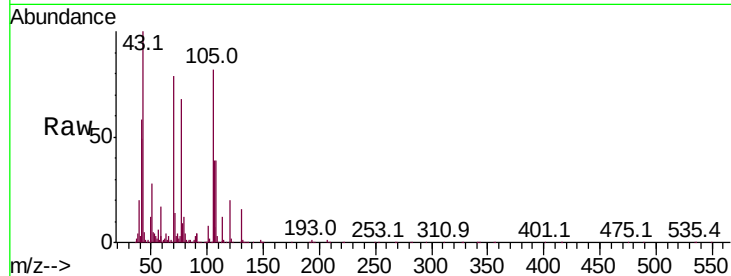
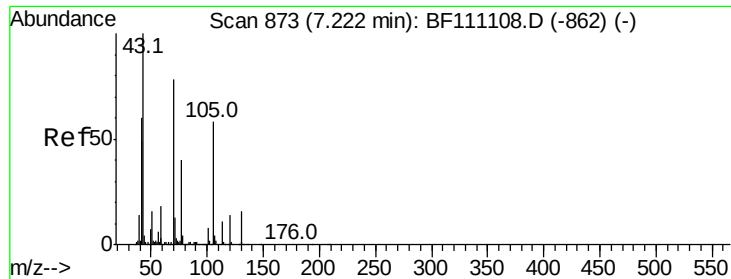
#18
Hexachloroethane
Concen: 39.628 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	117	Resp	458237
Ion	Ratio	Lower	Upper
117	100		
119	93.2	73.8	110.6
201	80.0	61.2	91.8



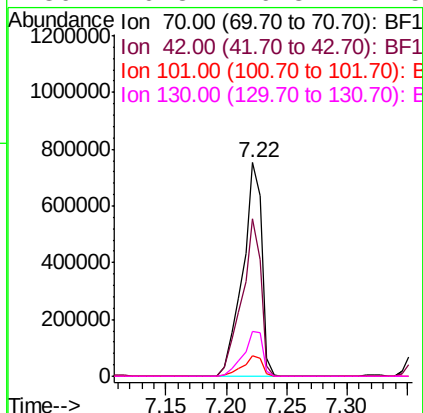
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 38.485 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.5	61.3	91.9
101	9.9	7.7	11.5
130	20.8	16.3	24.5



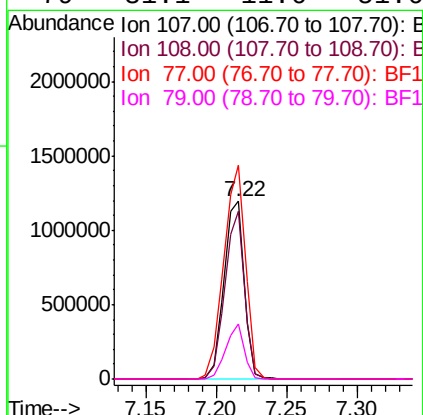
Instrument :
BNA_F
ClientSampleId :
PB115402BS

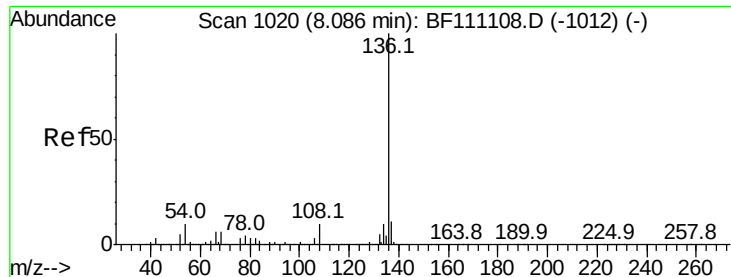
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#20
3+4-Methylphenols
Concen: 41.278 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	74.0	114.0
77	120.4	83.2	123.2
79	31.1	11.6	51.6





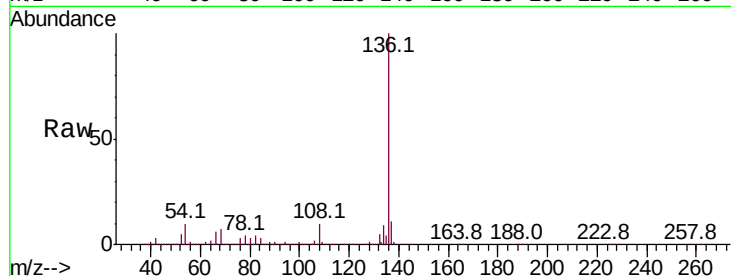
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	10.3	8.4	12.6
68	6.9	5.0	7.4

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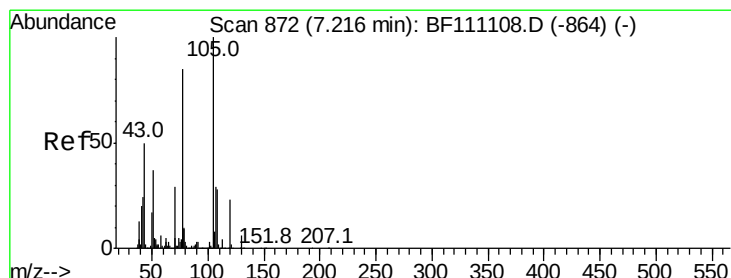
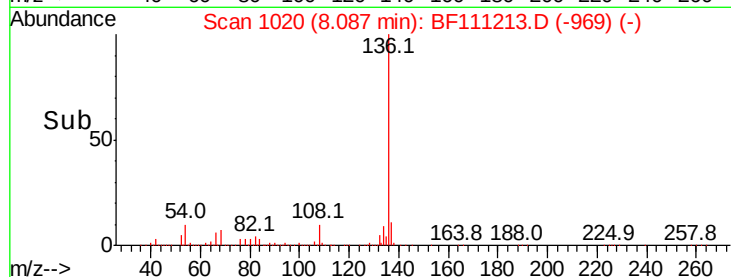
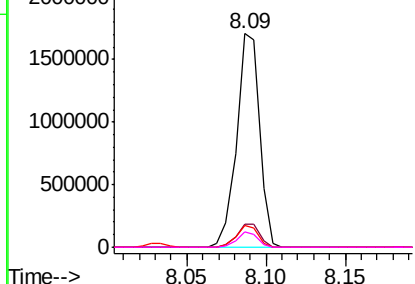
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.722 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.0	6.0
51	42.7	29.8	44.8
120	23.0	18.7	28.1

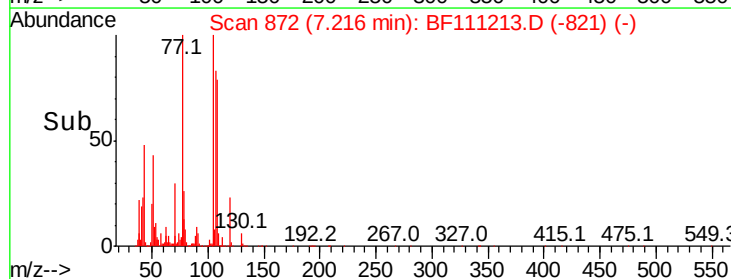
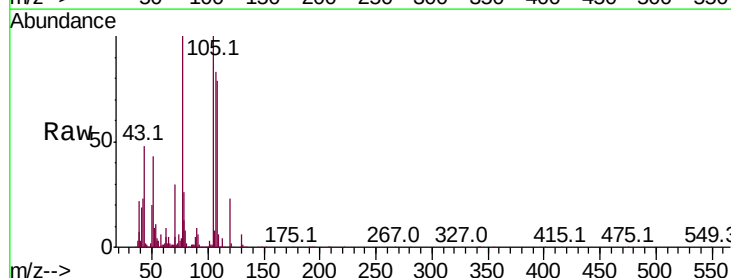
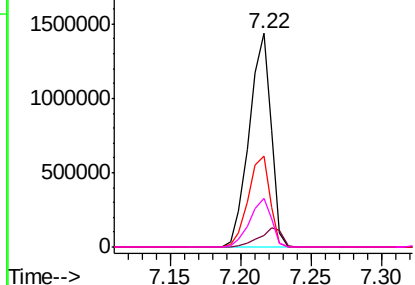
Abundance

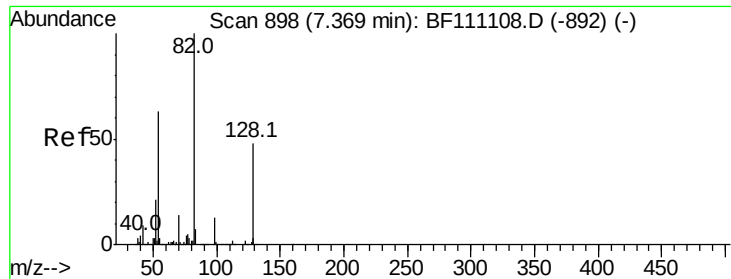
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





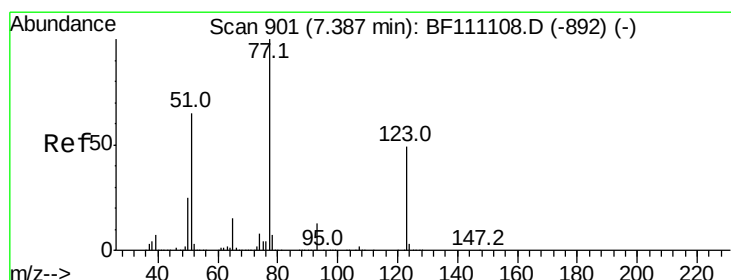
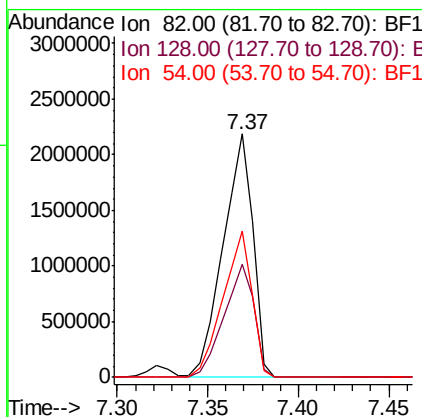
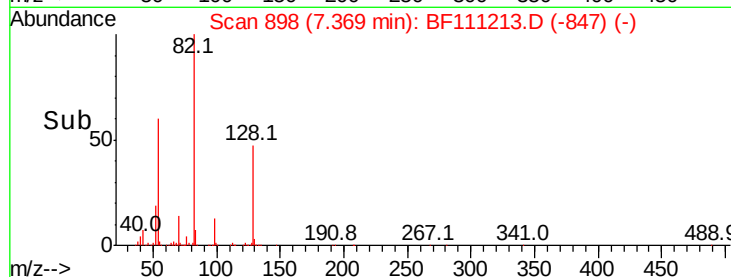
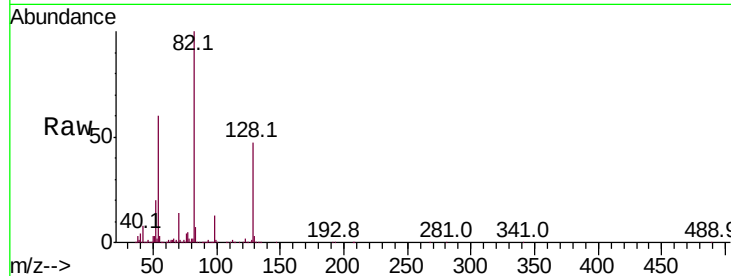
#23
 Nitrobenzene-d5
 Concen: 86.459 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Instrument :
 BNA_F
 ClientSampleID :
 PB115402BS

Tot Ion: 82 Resp: 2499262
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.1 57.1
 54 60.2 50.3 75.5

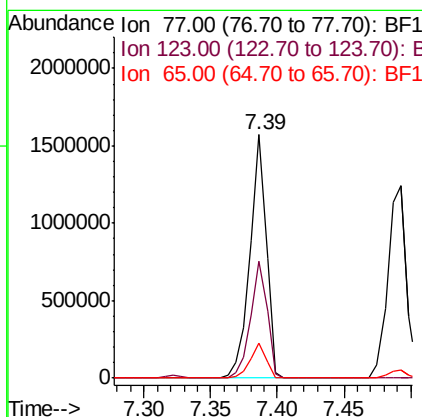
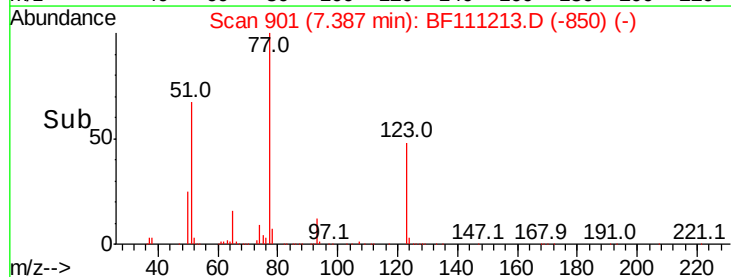
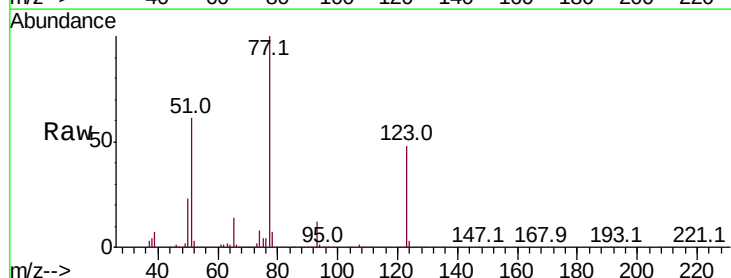
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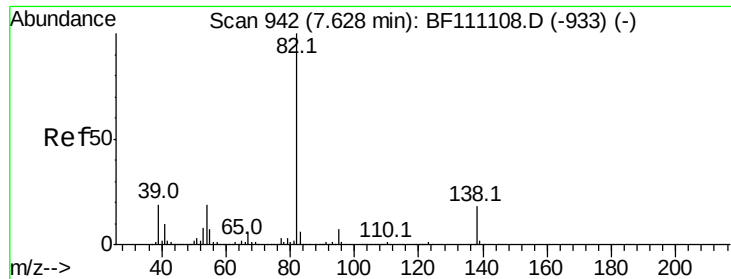
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#24
 Nitrobenzene
 Concen: 42.082 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Tgt Ion: 77 Resp: 1308711
 Ion Ratio Lower Upper
 77 100
 123 47.8 39.5 59.3
 65 14.3 11.8 17.6





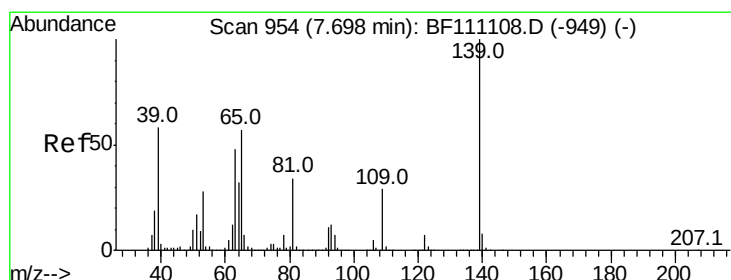
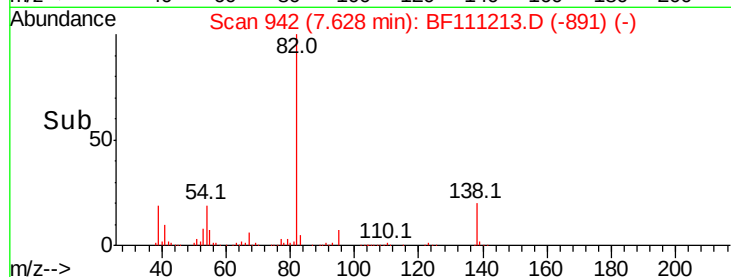
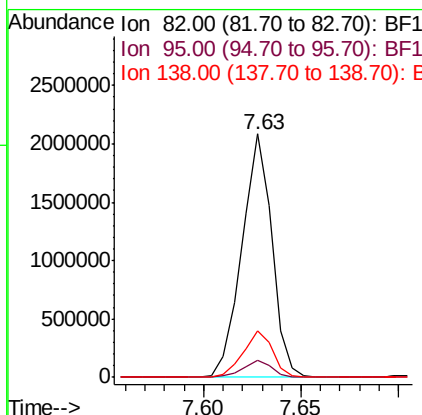
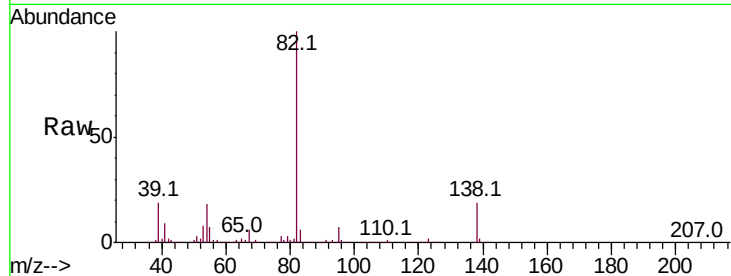
#25
Isophorone
Concen: 41.951 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion: 82 Resp: 222554
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 19.0 14.6 22.0

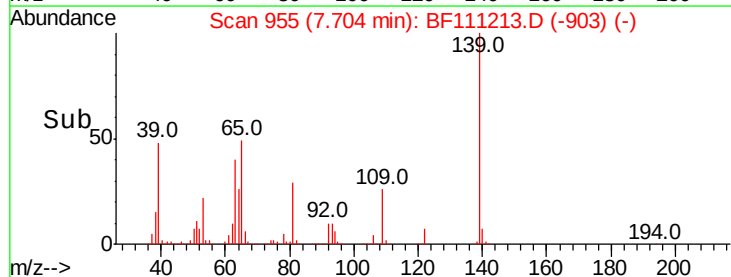
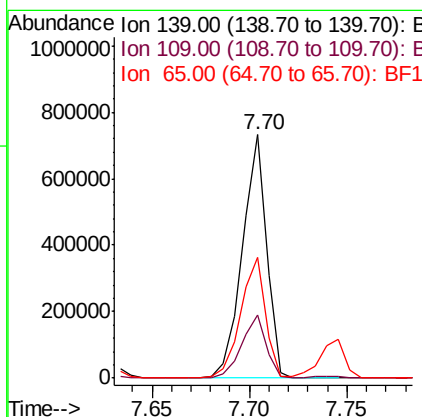
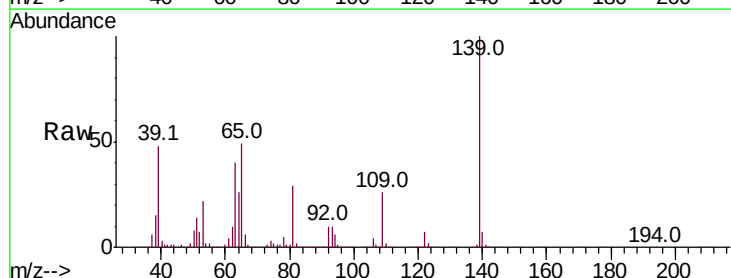
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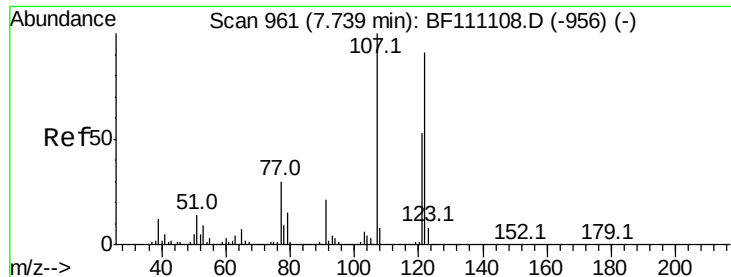
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#26
2-Nitrophenol
Concen: 47.992 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion: 139 Resp: 630630
Ion Ratio Lower Upper
139 100
109 25.8 23.1 34.7
65 49.3 45.9 68.9





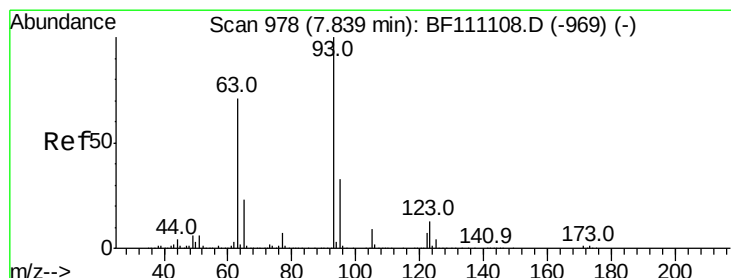
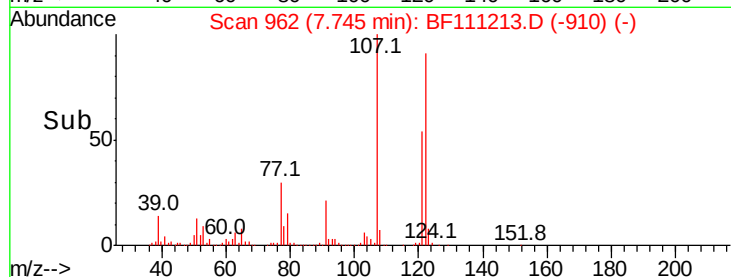
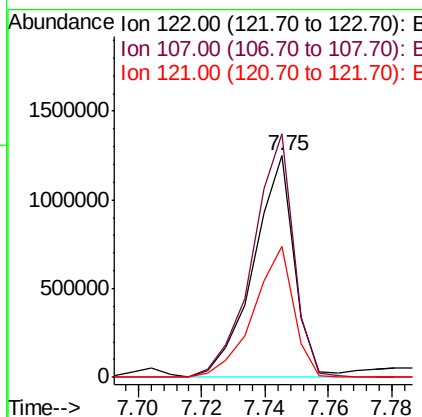
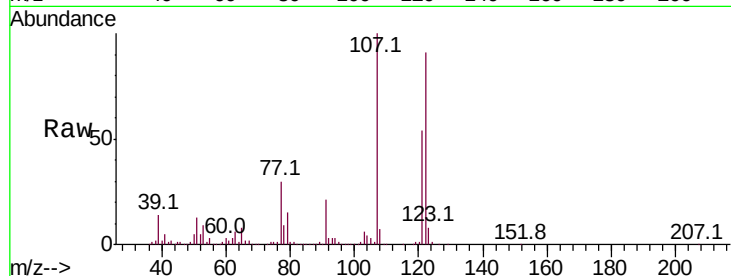
#27
 2,4-Dimethylphenol
 Concen: 45.308 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	87.4	131.0
121	58.8	45.9	68.9

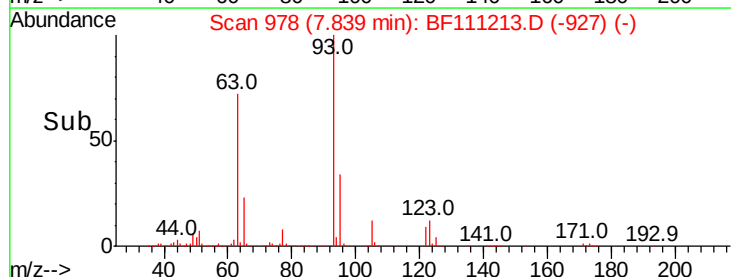
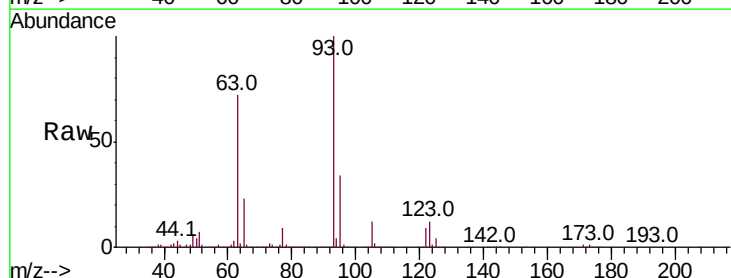
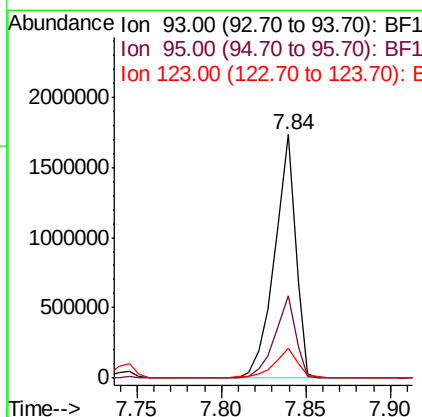
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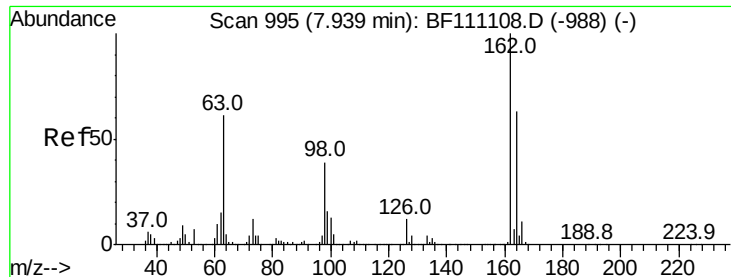
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.728 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	39.8
123	12.3	10.3	15.5





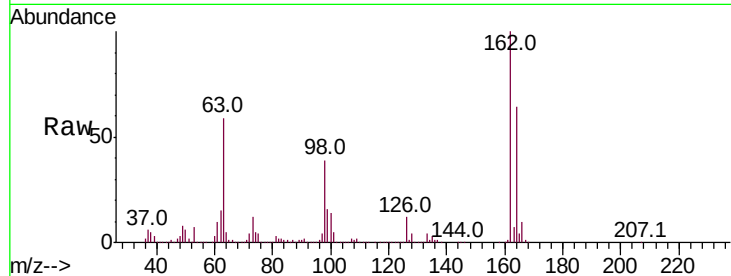
#29
2,4-Dichlorophenol
Concen: 43.877 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.3	83.3
98	39.4	18.9	58.9

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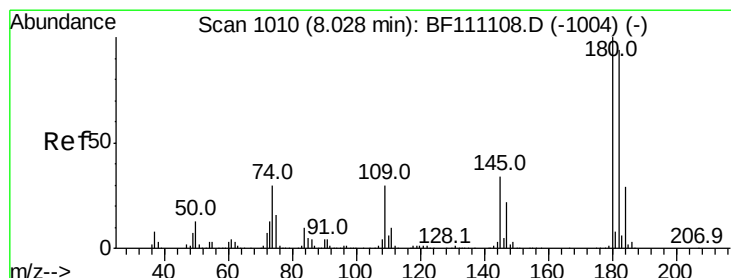
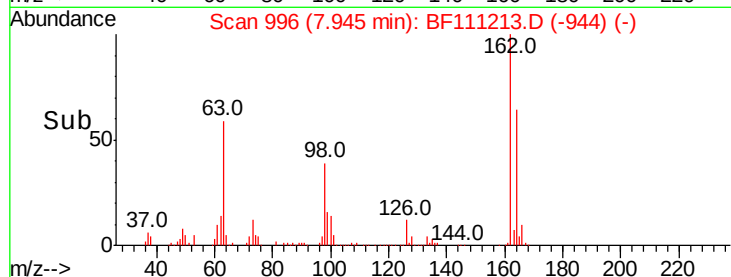
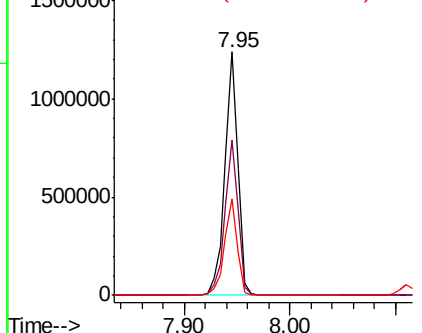


Abundance

Ion 162.00 (161.70 to 162.70): E

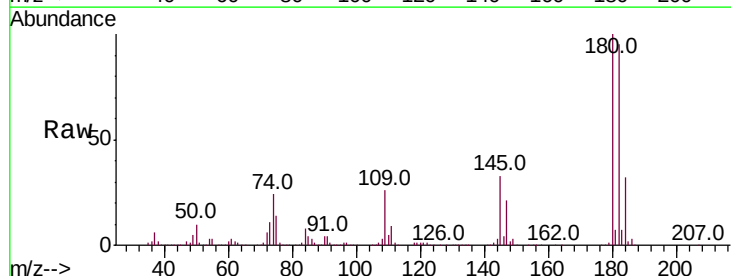
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.747 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.1	112.7
145	32.9	27.6	41.4

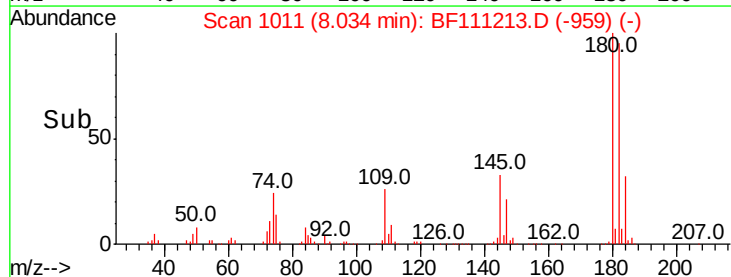
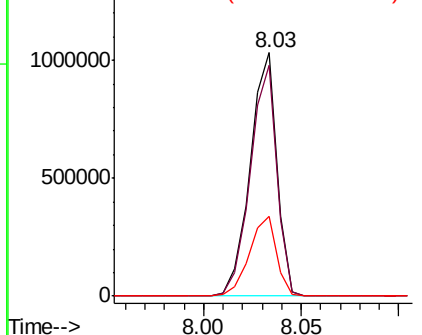


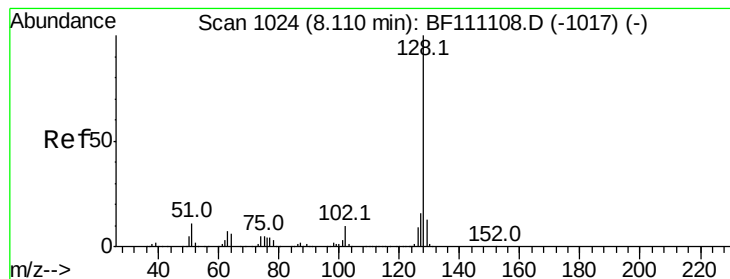
Abundance

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: 45.289 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

PB115402BS

Tot Ion:128 Resp: 3374559

Ion Ratio Lower Upper

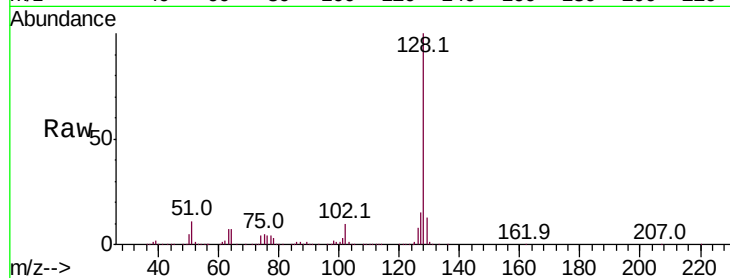
128 100

129 12.7 10.5 15.7

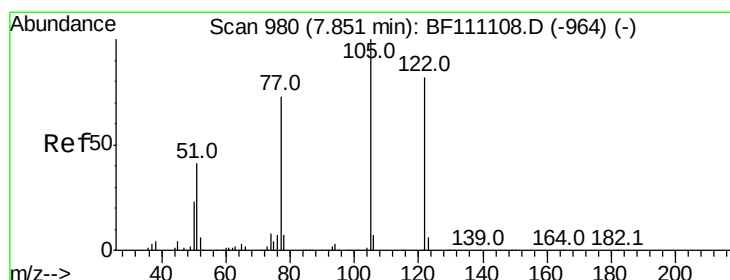
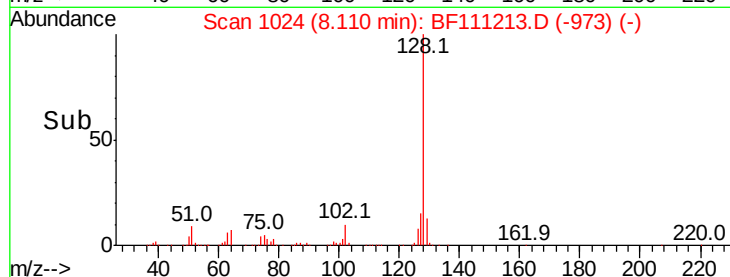
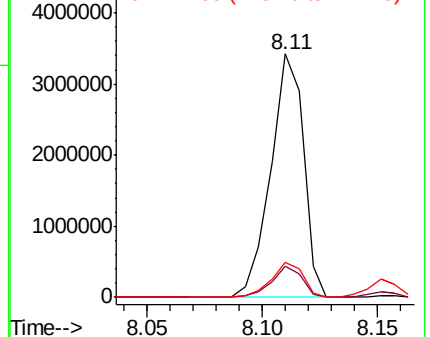
127 14.6 12.5 18.7

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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: 47.910 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

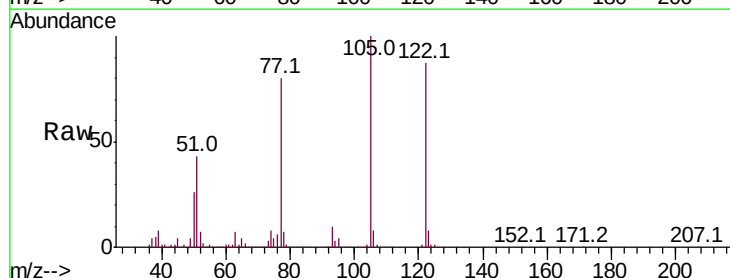
Tgt Ion:122 Resp: 781847

Ion Ratio Lower Upper

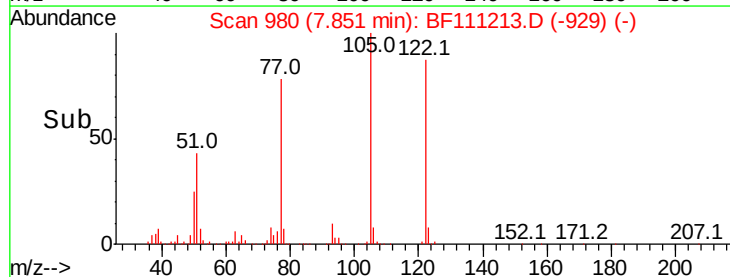
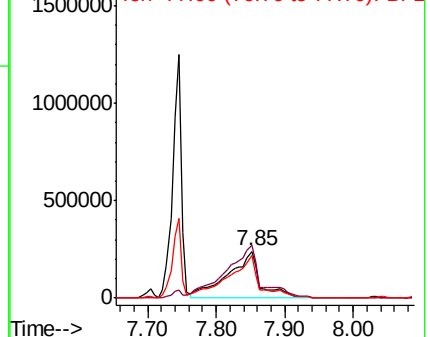
122 100

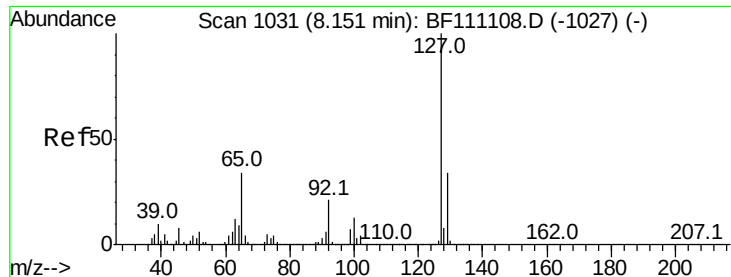
105 114.9 100.1 140.1

77 92.1 69.4 109.4



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





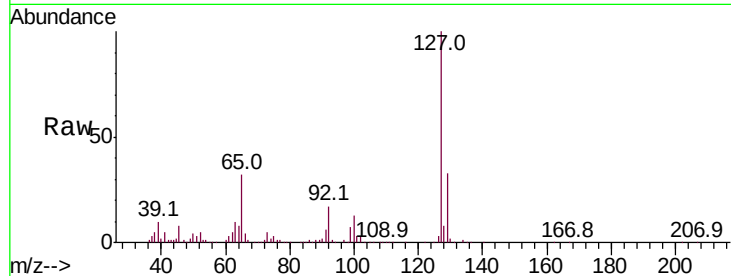
#33
4-Chloroaniline
Concen: 7.015 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

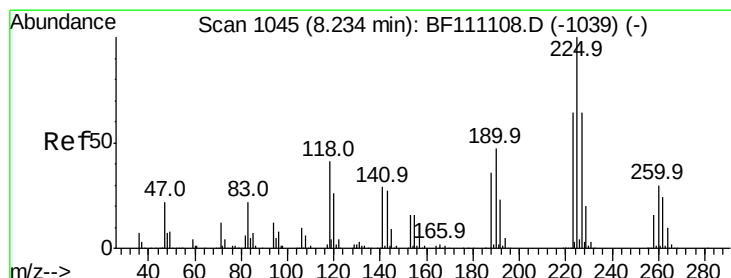
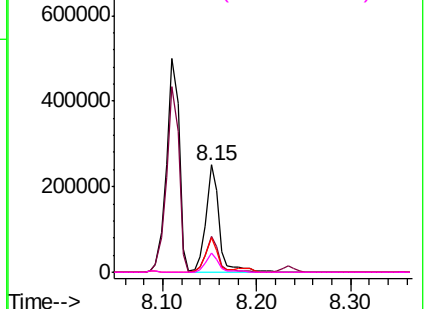
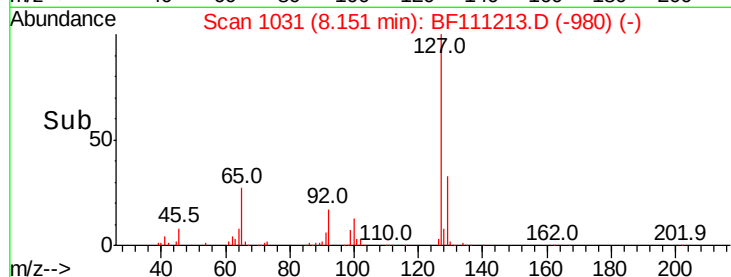
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.3	27.0	40.6
65	31.9	27.2	40.8
92	17.4	16.6	24.8

Manual Integrations
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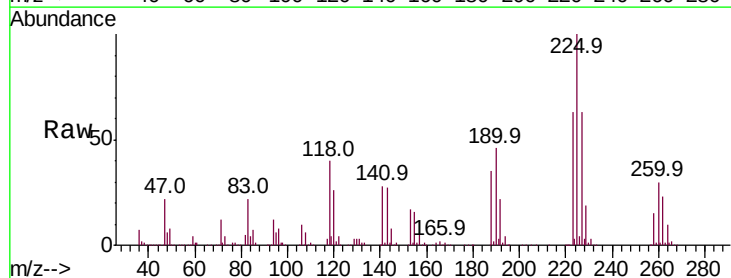


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

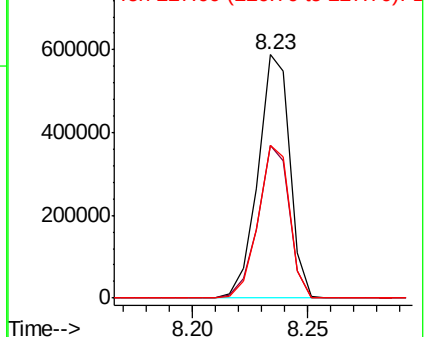
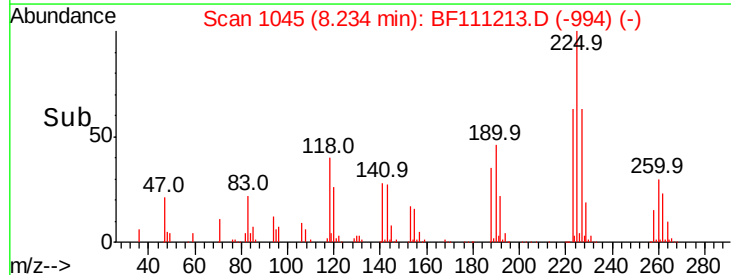


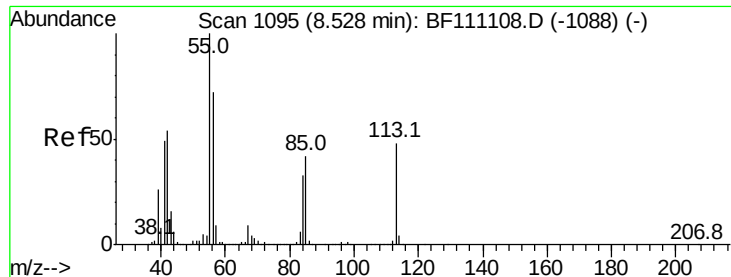
#34
Hexachlorobutadiene
Concen: 42.128 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.5	51.4	77.2
227	62.6	51.0	76.4



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: 43.968 ng/ml

RT: 8.53 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

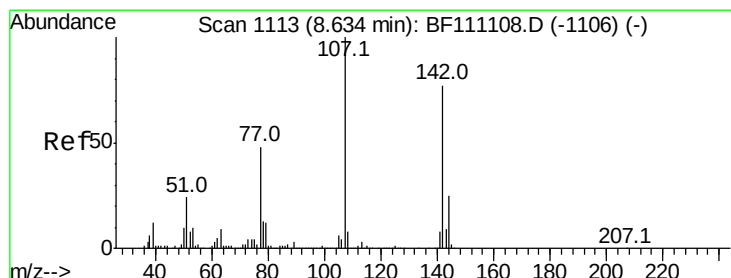
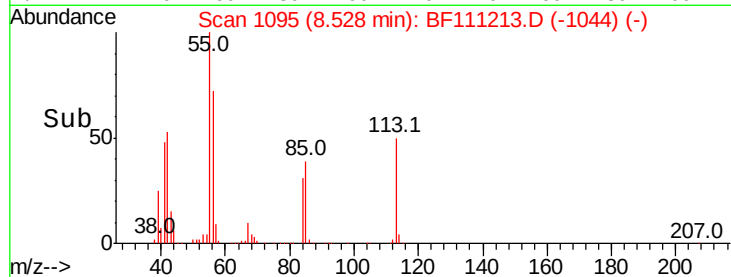
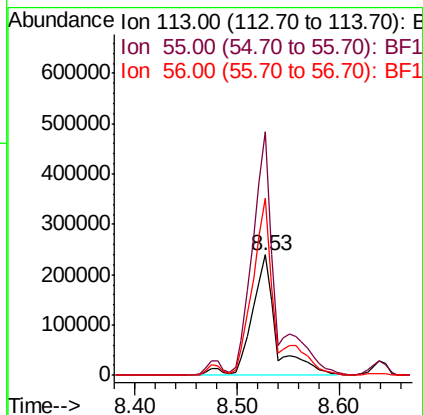
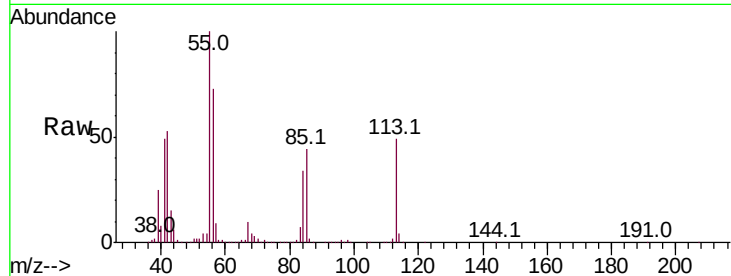
ClientSampleID :

PB115402BS

Tot Ion:	113	Resp:	393297
Ion Ratio	Lower	Upper	
113	100		
55	202.0	190.6	230.6
56	146.5	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 41.275 ng/ml

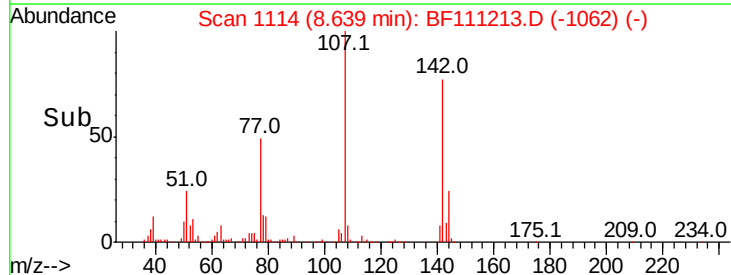
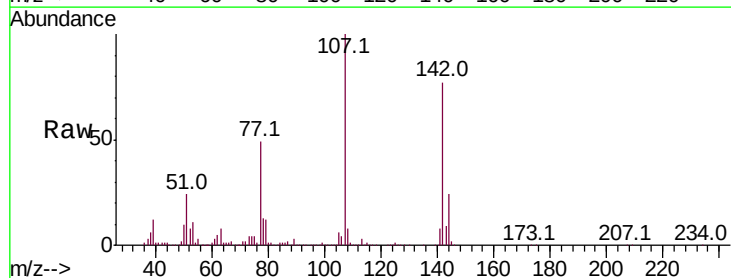
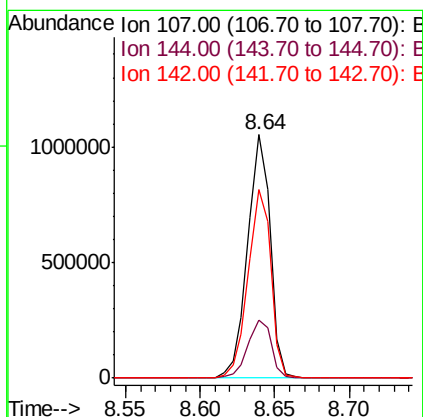
RT: 8.64 min Scan# 1114

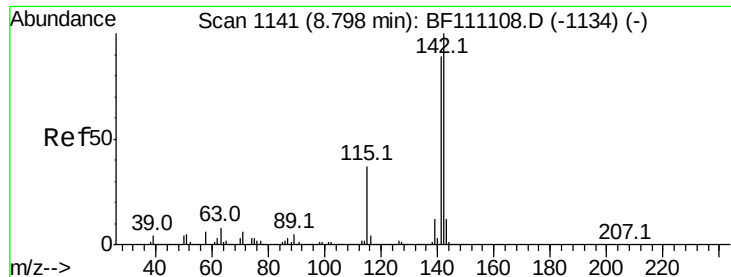
Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Tgt Ion:	107	Resp:	1101447
Ion Ratio	Lower	Upper	
107	100		
144	23.9	19.9	29.9
142	77.3	61.4	92.0





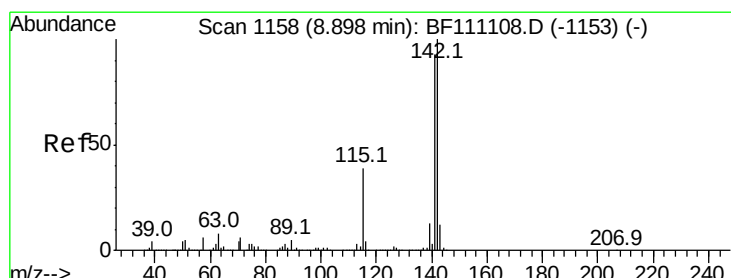
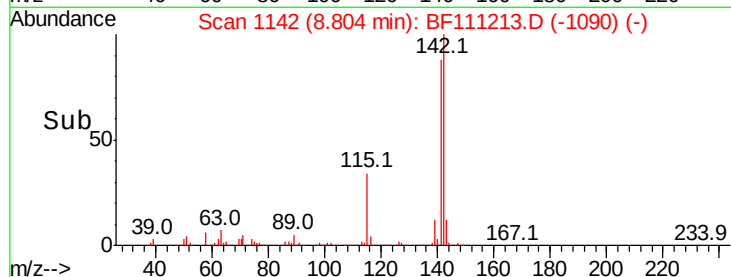
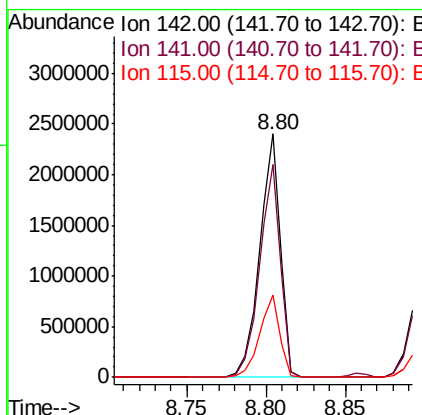
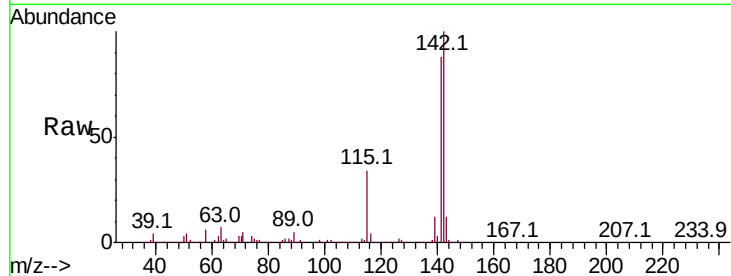
#37
2-Methylnaphthalene
Concen: 42.513 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion:142 Resp: 2185050
Ion Ratio Lower Upper
142 100
141 87.6 71.4 107.0
115 34.0 29.2 43.8

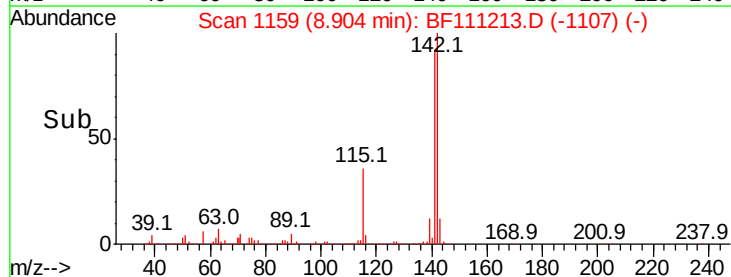
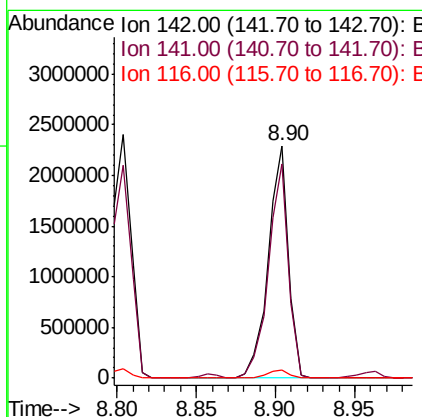
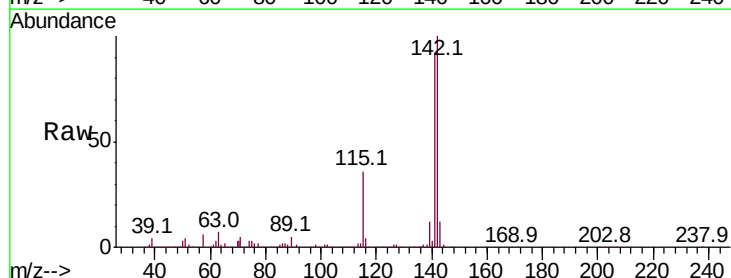
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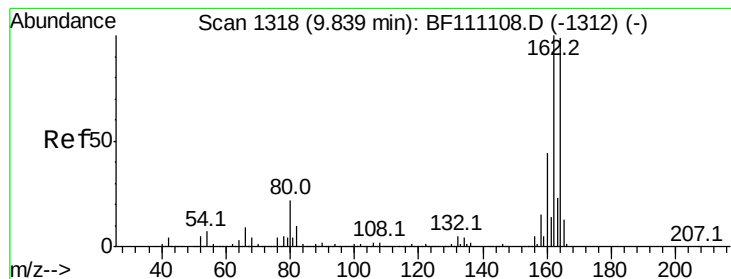
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#38
1-Methylnaphthalene
Concen: 41.502 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion:142 Resp: 2050800
Ion Ratio Lower Upper
142 100
141 92.0 74.5 111.7
116 3.7 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

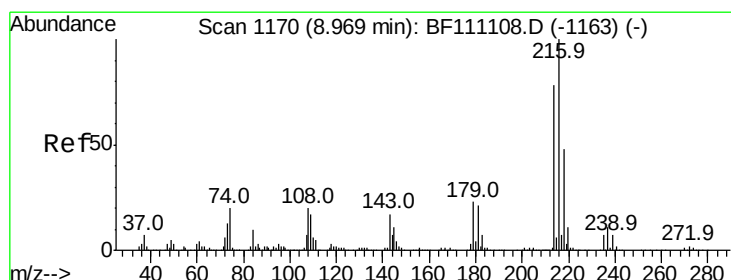
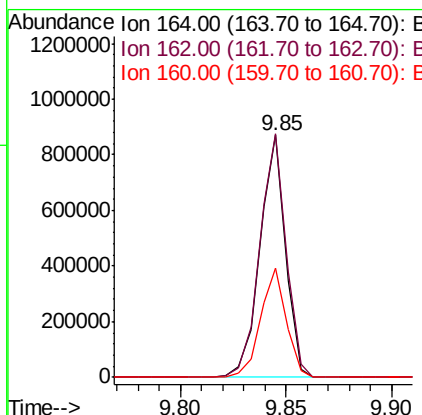
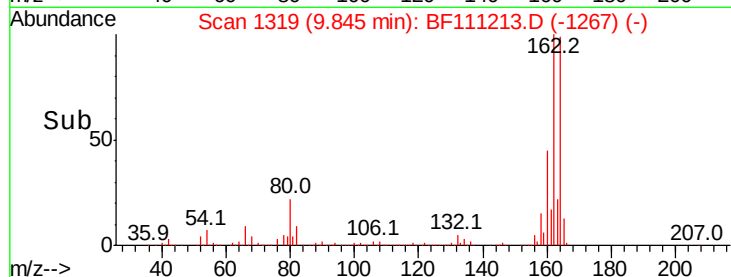
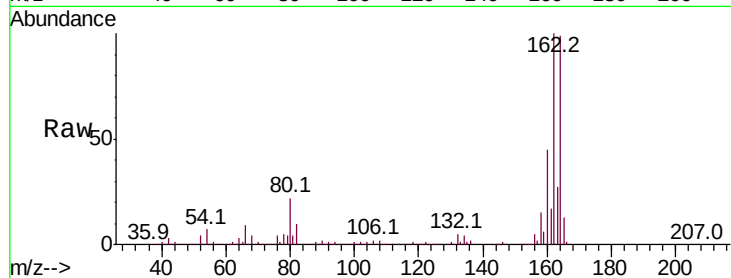
ClientSampled :

PB115402BS

Tot Ion:	164	Resp:	735214
Ion Ratio	Lower	Upper	
164	100		
162	100.6	80.6	120.8
160	45.1	35.5	53.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.656 ng

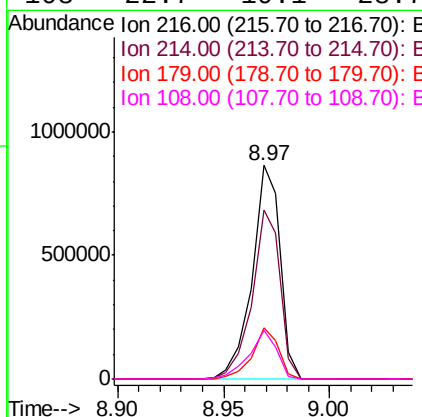
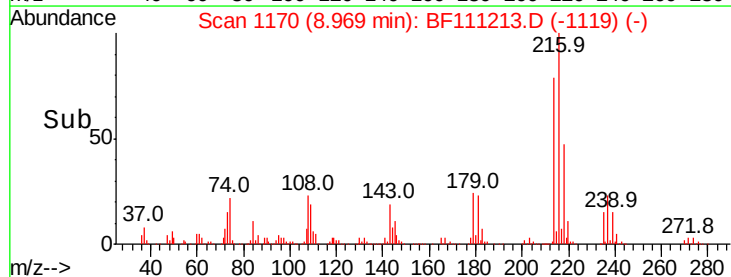
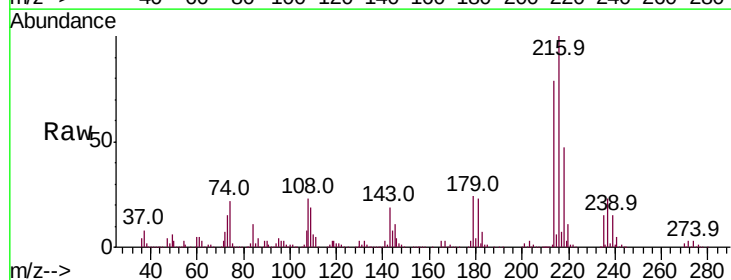
RT: 8.97 min Scan# 1170

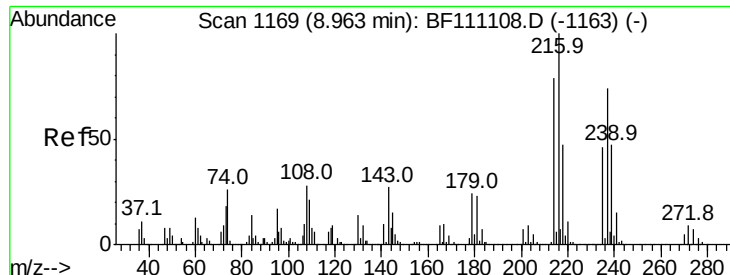
Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Tgt Ion:	216	Resp:	796658
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.0
179	22.6	18.5	27.7
108	22.7	19.1	28.7





#41

Hexachlorocyclopentadiene

Concen: 45.163 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

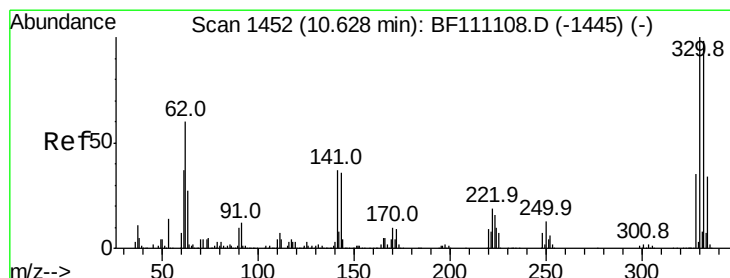
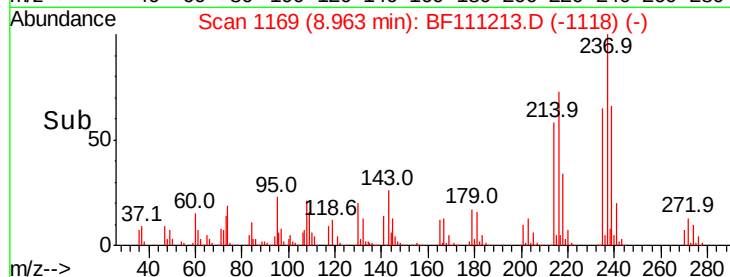
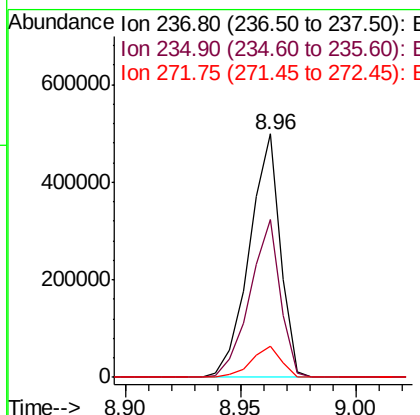
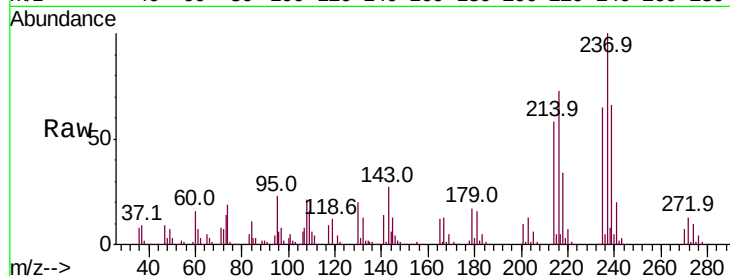
ClientSampleId :

PB115402BS

Tot Ion:	237	Resp:	466639
Ion Ratio	Lower	Upper	
237	100		
235	64.7	41.9	81.9
272	13.0	0.0	32.7

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#42

2,4,6-Tribromophenol

Concen: 93.011 ng

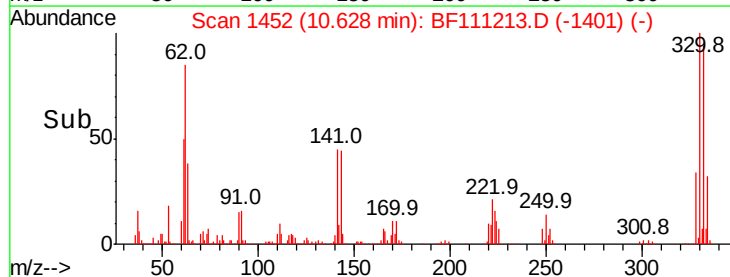
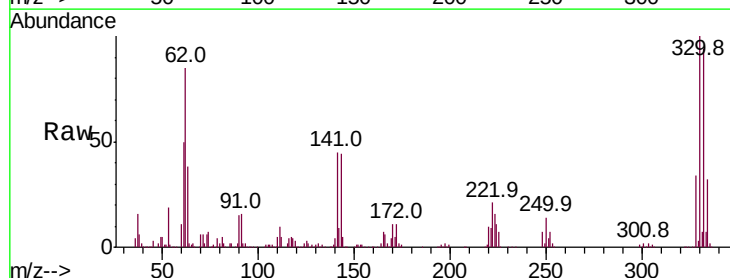
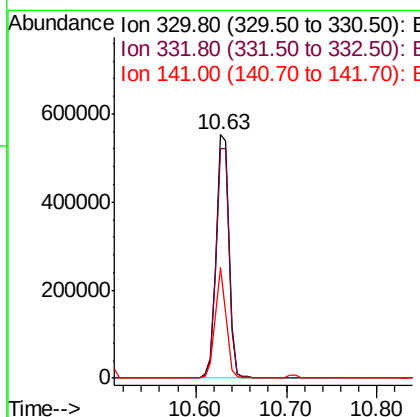
RT: 10.63 min Scan# 1452

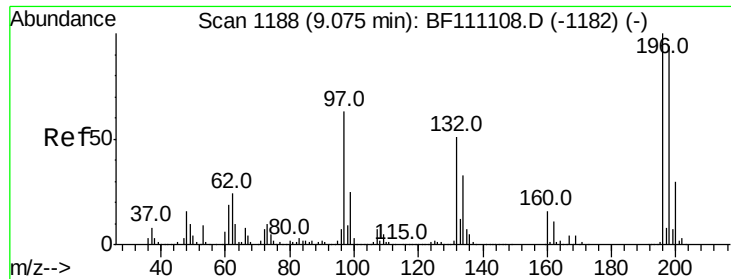
Delta R.T. 0.00 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Tgt Ion:	330	Resp:	543566
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.2	115.8
141	39.4	36.1	54.1





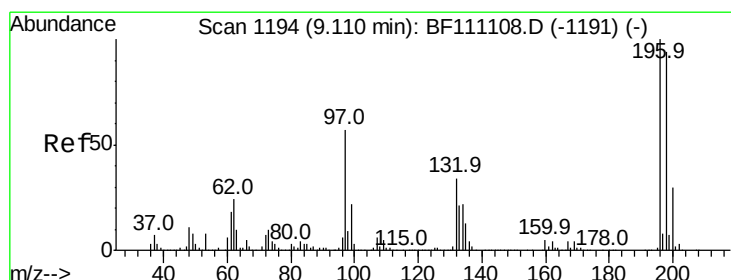
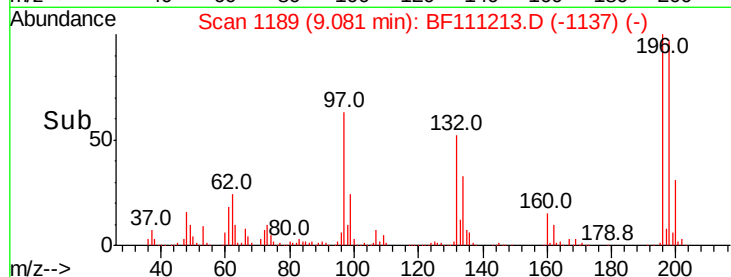
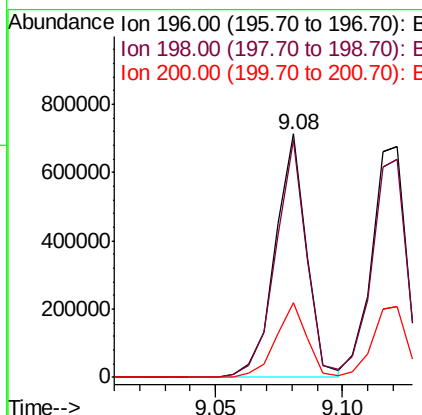
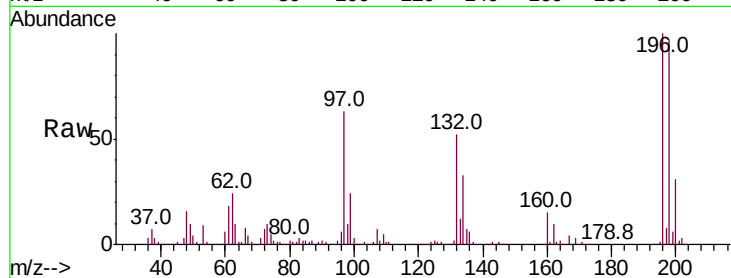
#43
 2,4,6-Trichlorophenol
 Concen: 43.319 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	619950		
198	97.3	75.4	113.0	
200	30.6	24.2	36.4	

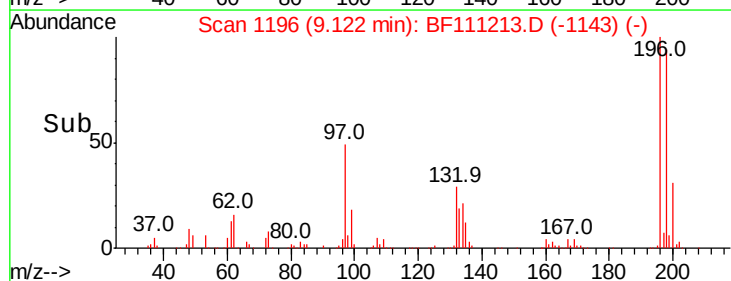
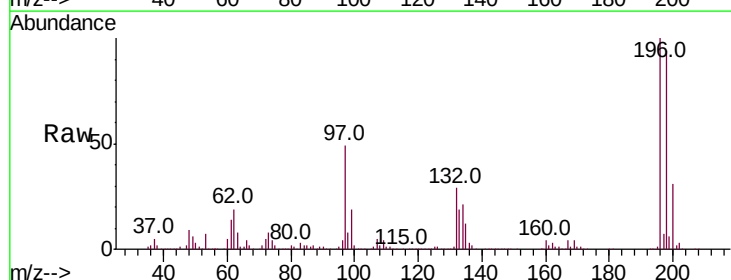
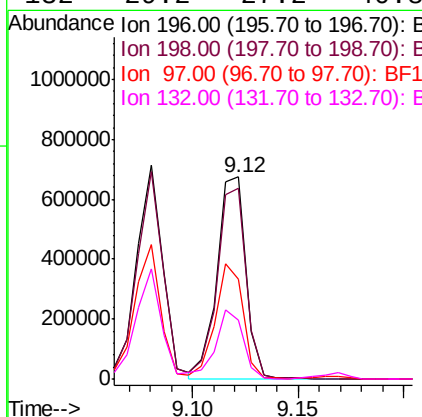
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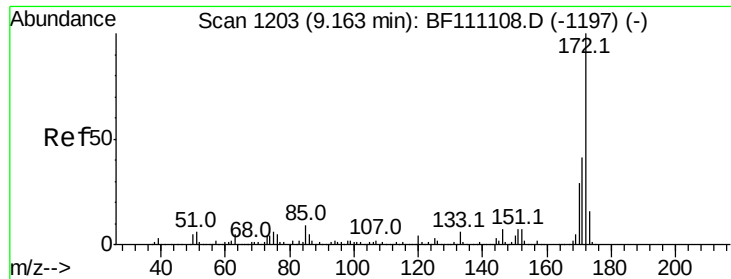
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#44
 2,4,5-Trichlorophenol
 Concen: 44.257 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	642062		
198	94.4	75.0	112.4	
97	49.2	46.2	69.4	
132	29.2	27.2	40.8	





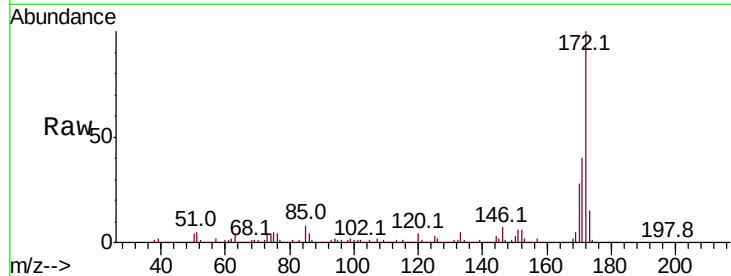
#45
2-Fluorobiphenyl
Concen: 101.668 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

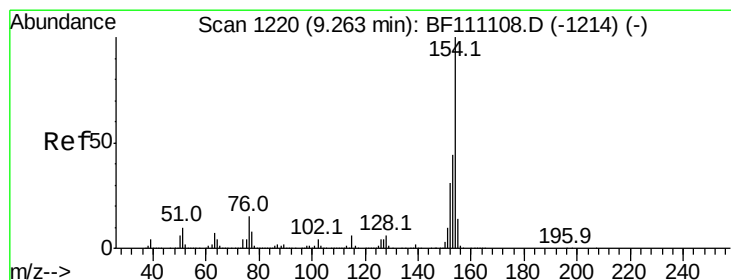
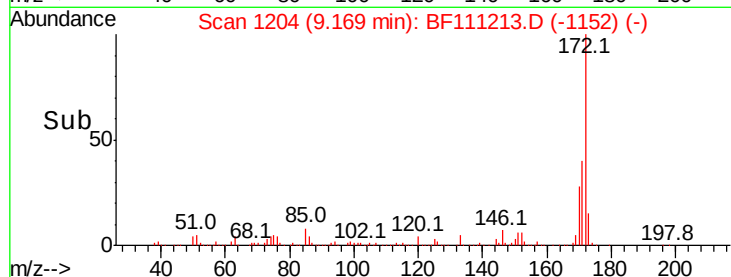
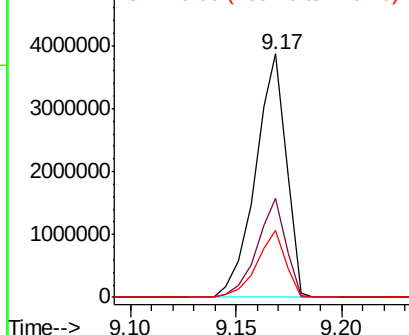
Tot Ion:172 Resp: 3926143
Ion Ratio Lower Upper
172 100
171 40.4 33.2 49.8
170 27.7 22.9 34.3

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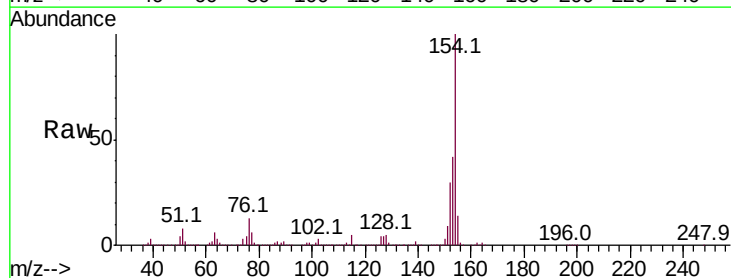


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

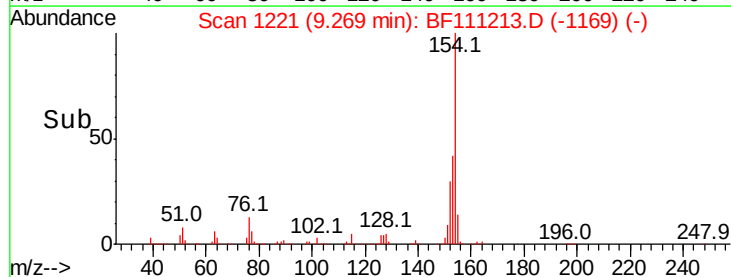
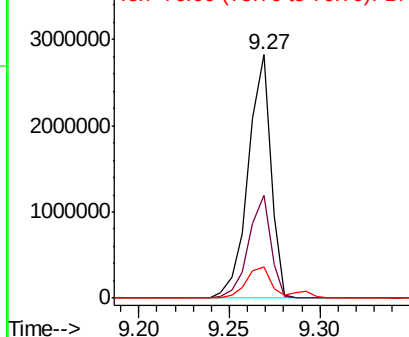


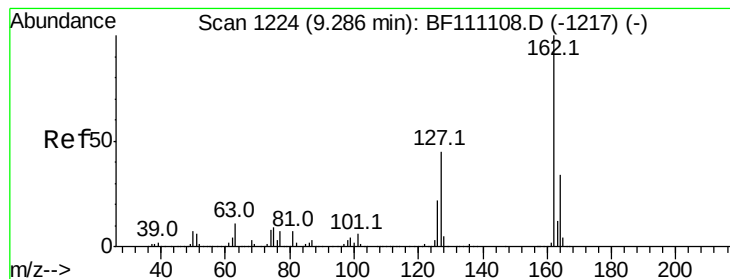
#46
1,1'-Biphenyl
Concen: 40.810 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion:154 Resp: 2456187
Ion Ratio Lower Upper
154 100
153 42.0 23.7 63.7
76 12.9 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





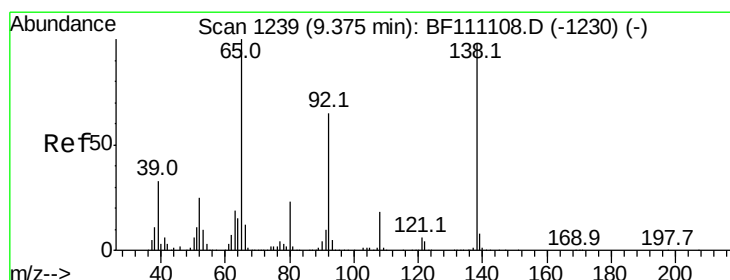
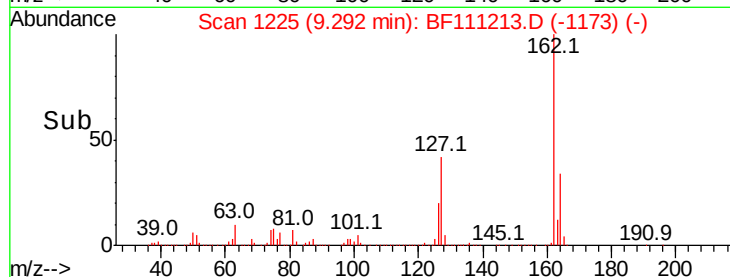
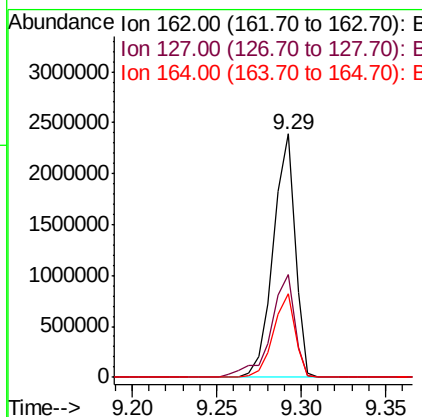
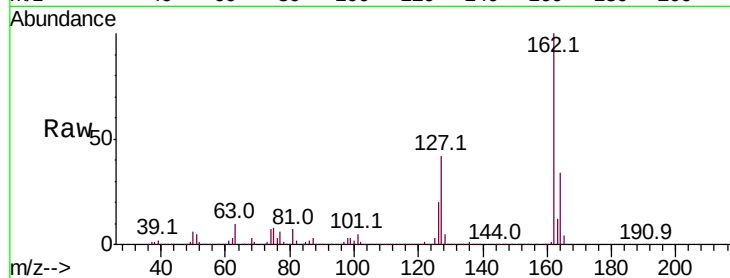
#47
 2-Chloronaphthalene
 Concen: 45.769 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	36.4	54.6
164	34.4	27.3	40.9

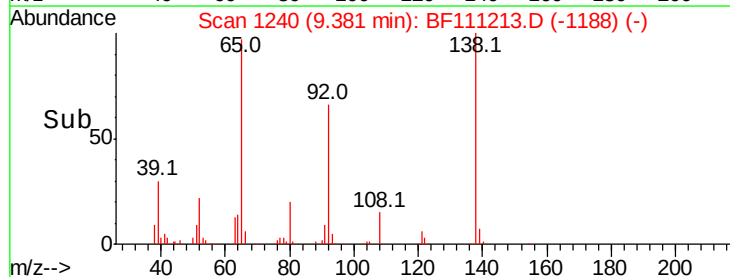
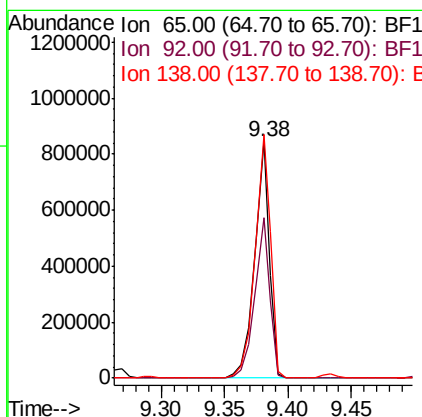
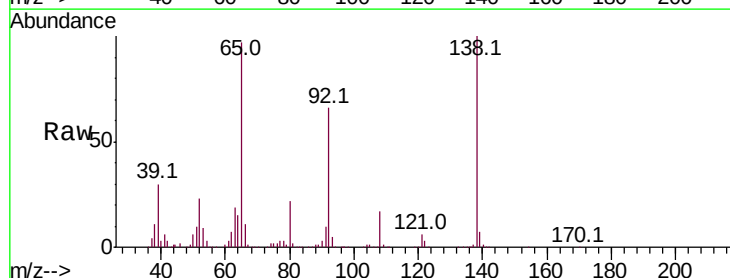
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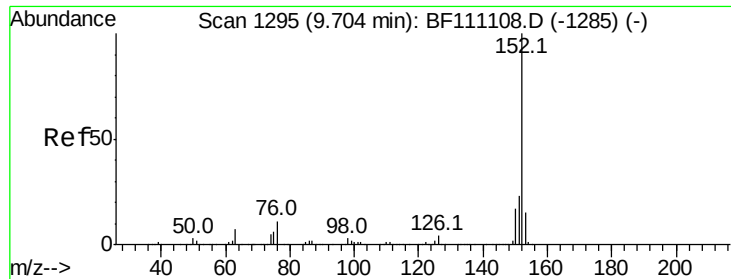
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#48
 2-Nitroaniline
 Concen: 46.091 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	52.1	78.1
138	102.8	78.2	117.4





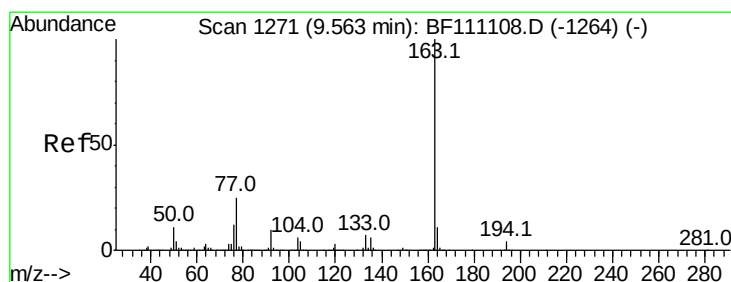
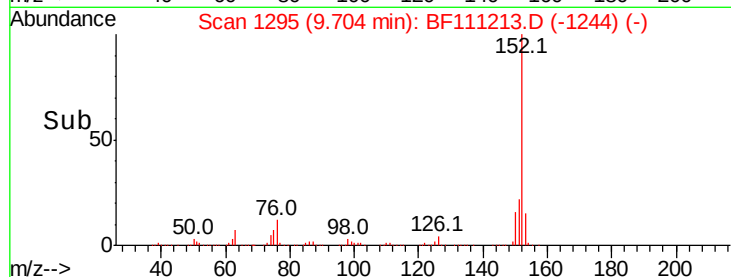
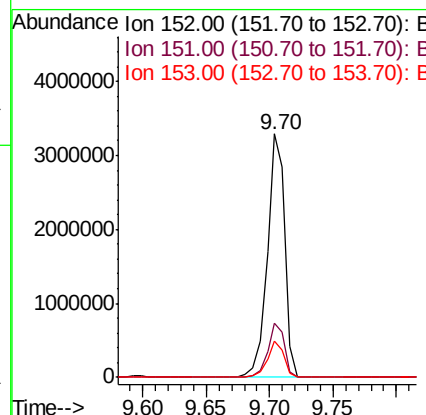
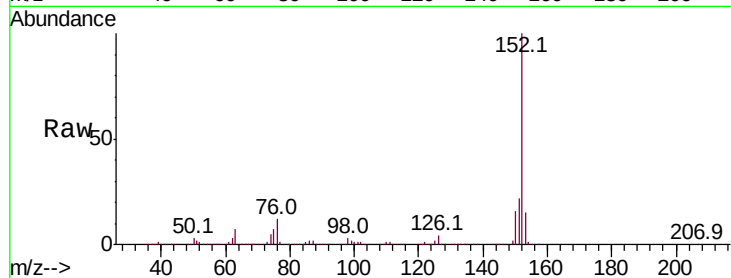
#49
Acenaphthylene
Concen: 48.221 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.2	18.3	27.5
153	14.7	11.8	17.8

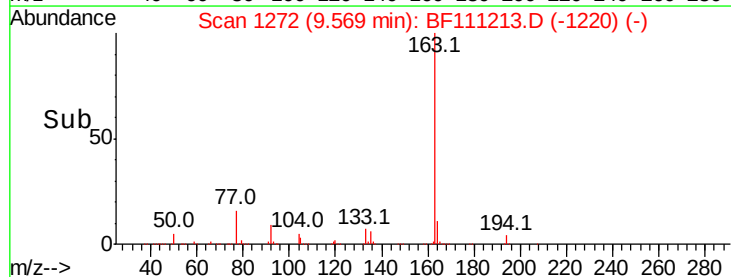
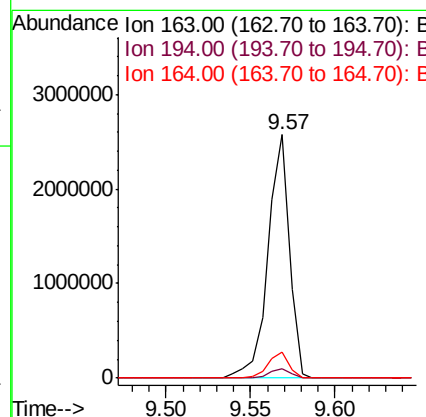
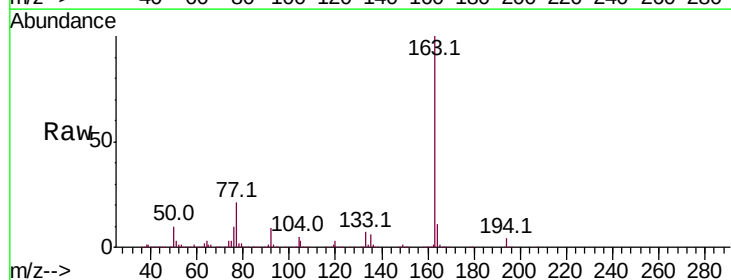
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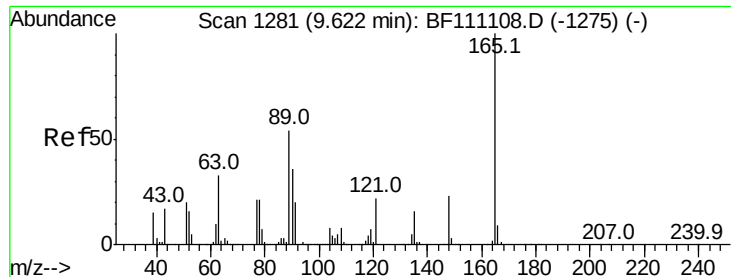
Sohil
12/11/2018 8:44:56 AM



#50
Dimethylphthalate
Concen: 44.216 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.6	8.9	13.3





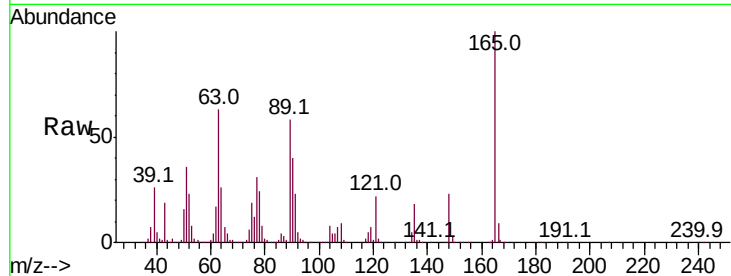
#51
2,6-Dinitrotoluene
Concen: 47.679 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	517235		
63	63.1	44.7	67.1	
89	57.7	43.0	64.4	

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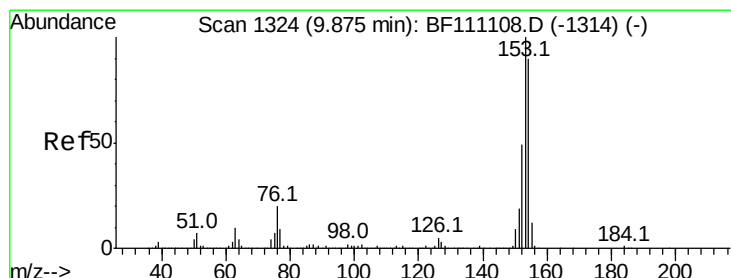
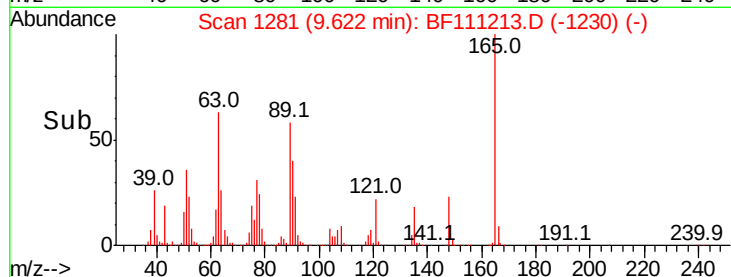
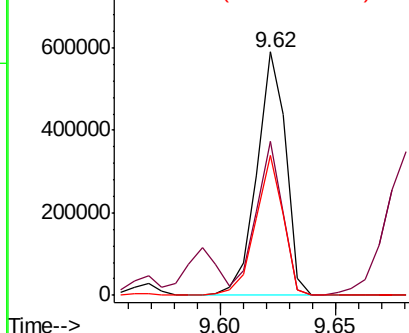


Abundance

Ion 165.00 (164.70 to 165.70): E

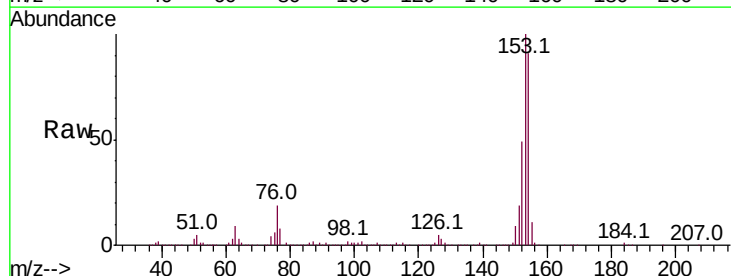
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 45.099 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1947758		
153	109.3	88.7	133.1	
152	53.9	43.8	65.8	

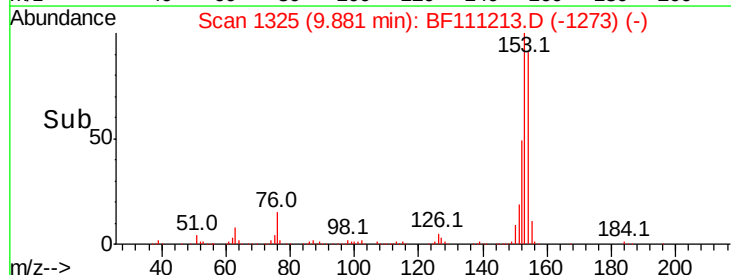
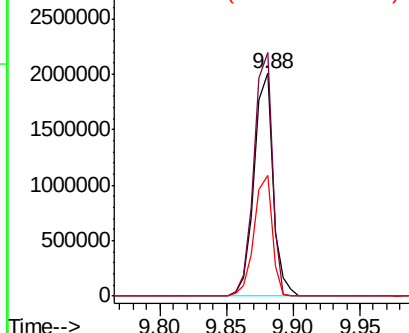


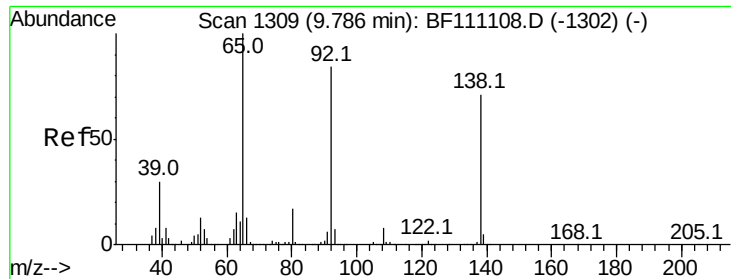
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





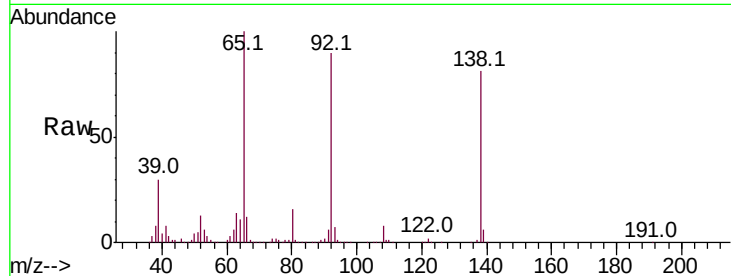
#53
3-Nitroaniline
Concen: 19.605 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	267157		
108	9.6		9.4	14.0
92	111.6		94.1	141.1

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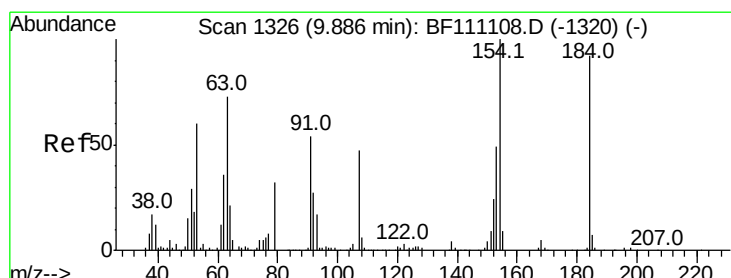
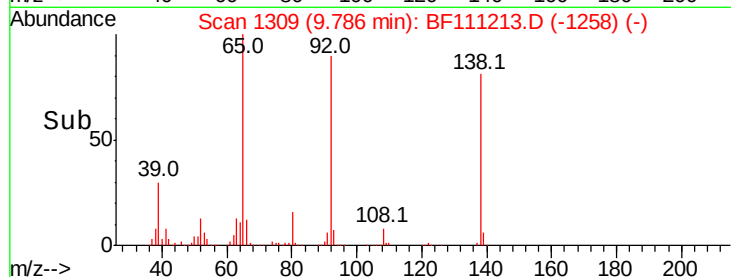
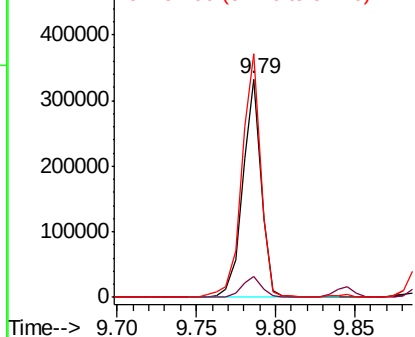


Abundance

Ion 138.00 (137.70 to 138.70): E

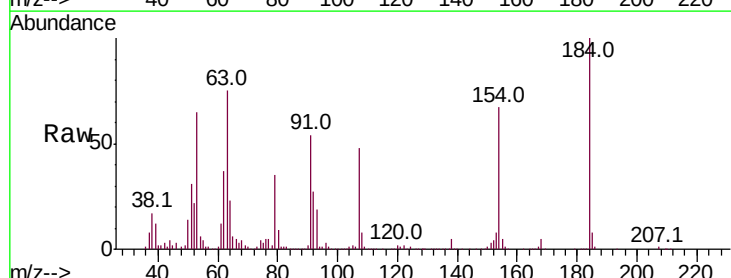
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 55.793 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	184291		
63	74.7		64.2	96.4
154	66.9		89.5	134.3#

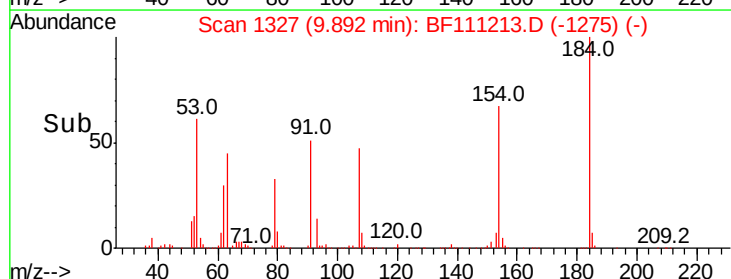
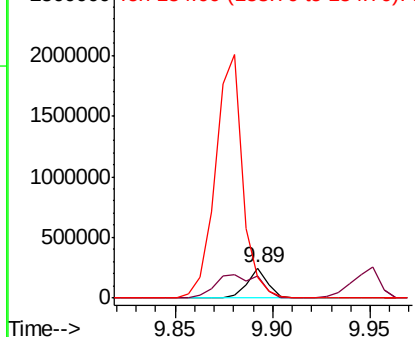


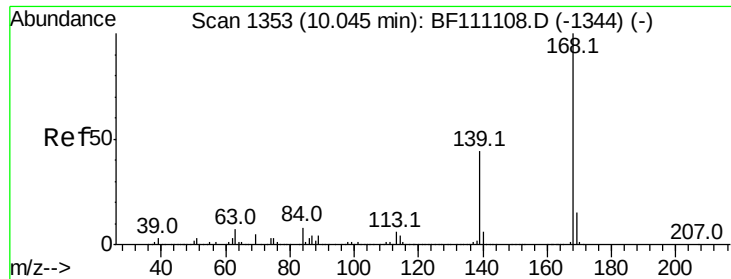
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





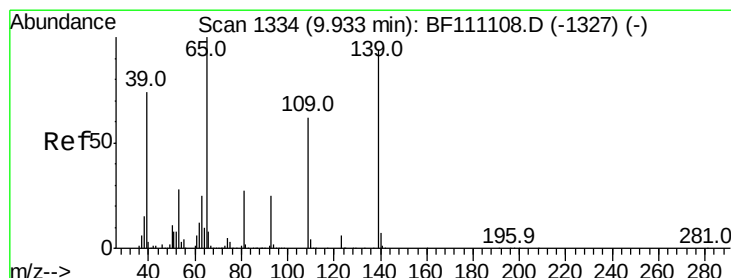
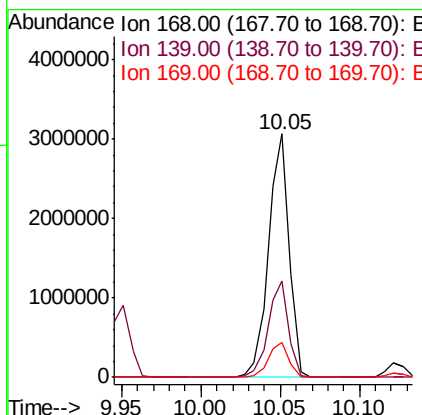
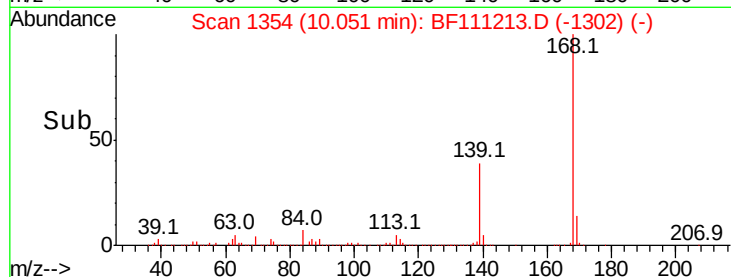
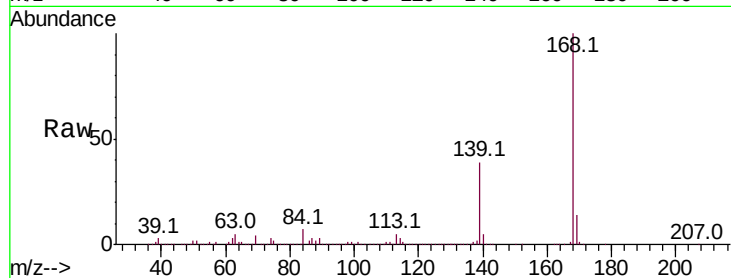
#55
Dibenzofuran
Concen: 47.048 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion:168 Resp: 2798706
Ion Ratio Lower Upper
168 100
139 39.5 35.1 52.7
169 14.2 12.2 18.4

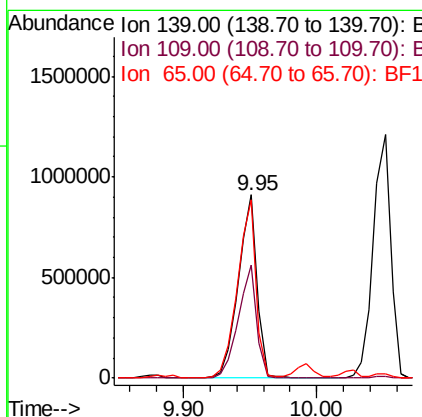
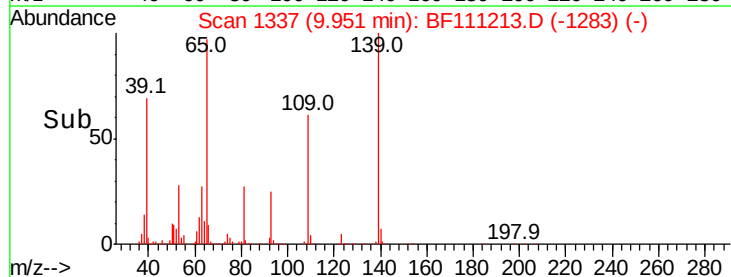
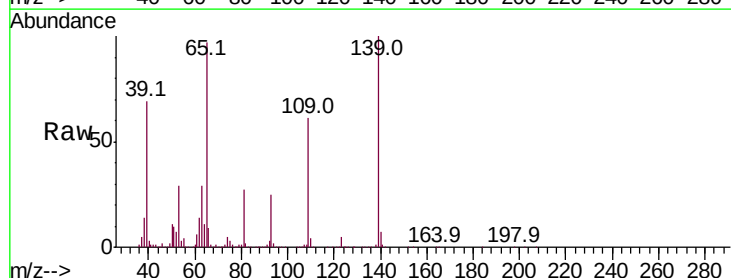
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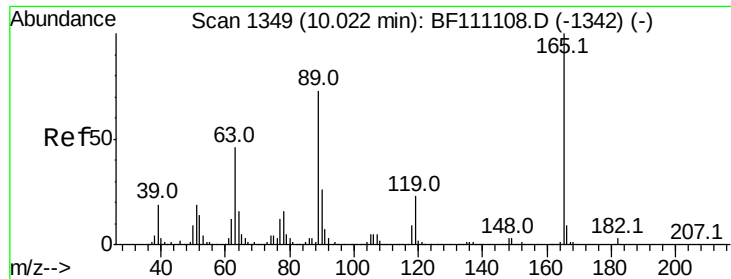
Sohil
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#56
4-Nitrophenol
Concen: 87.304 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion:139 Resp: 896499
Ion Ratio Lower Upper
139 100
109 61.3 46.1 86.1
65 97.5 87.0 127.0





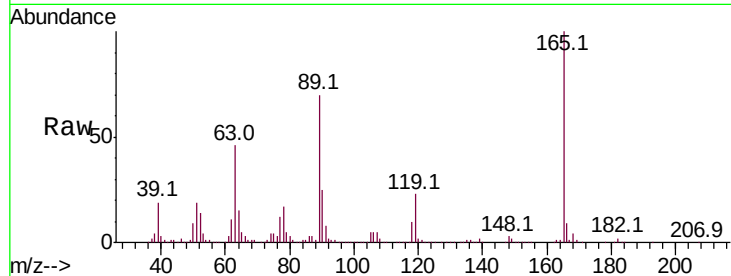
#57
2,4-Dinitrotoluene
Concen: 51.491 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

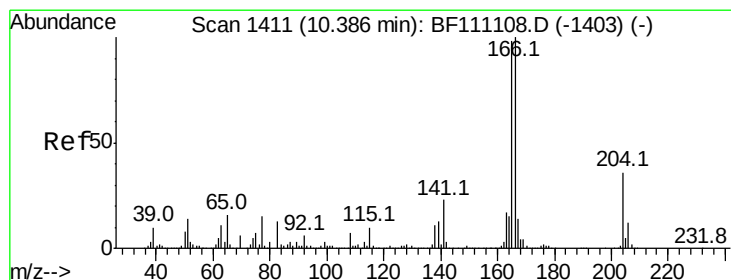
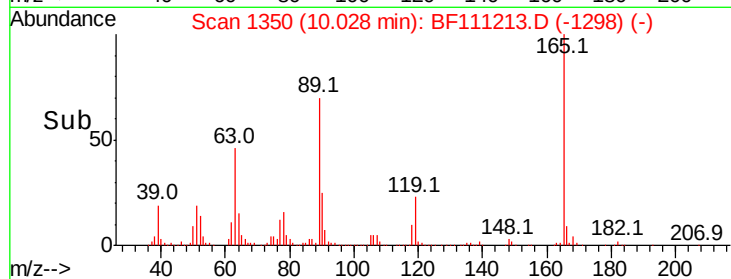
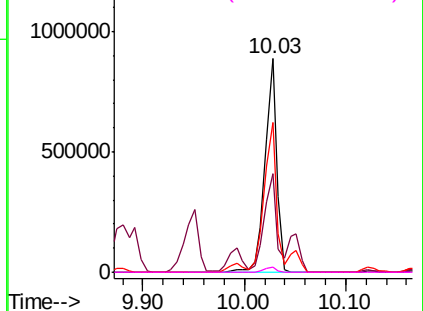
Tot Ion	Ratio	Resp	Lower	Upper
165	100	721431		
63	45.9	36.7	55.1	
89	70.2	58.4	87.6	
182	2.2	2.1	3.1	

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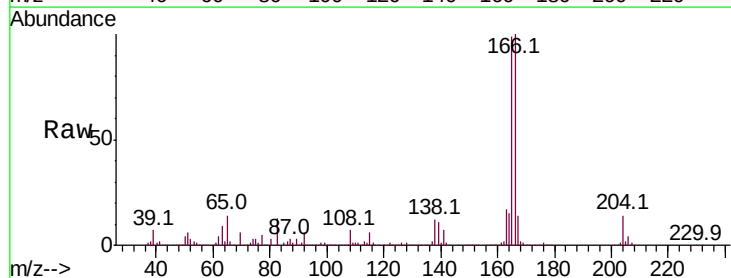


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

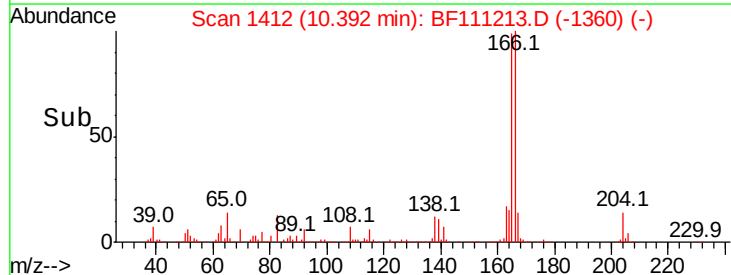
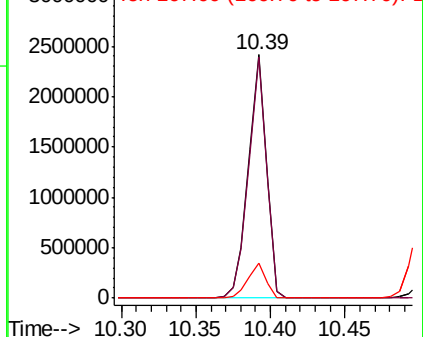


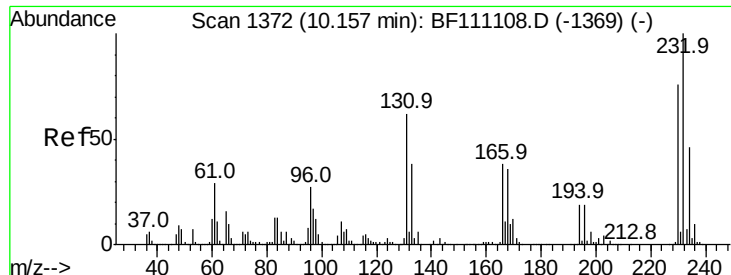
#58
Fluorene
Concen: 48.488 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2033998		
165	99.1	78.4	117.6	
167	14.1	11.4	17.2	



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





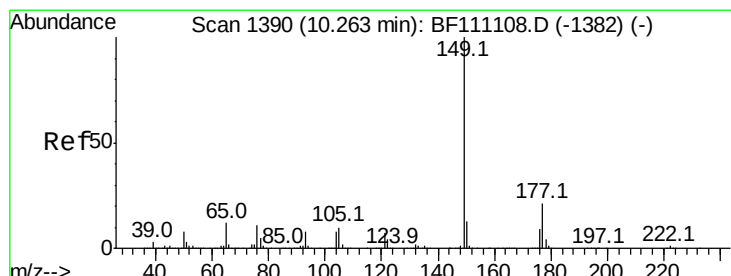
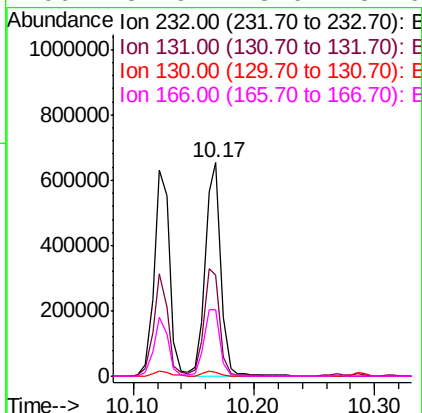
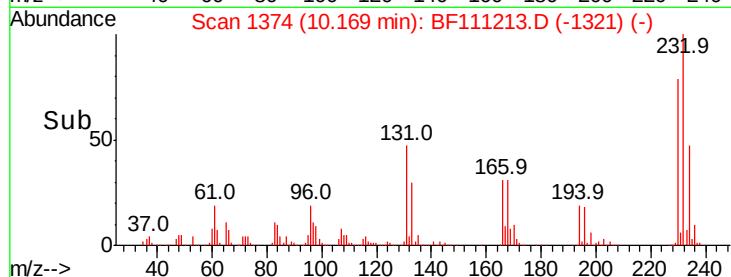
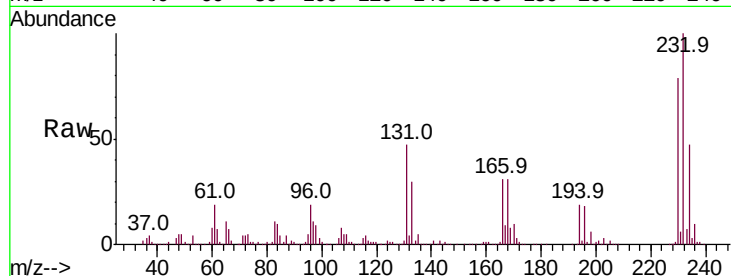
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.695 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Instrument :
 BNA_F
 ClientSampleID :
 PB115402BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	581391		
131	50.9	40.4	60.6	
130	2.5	2.1	3.1	
166	32.9	23.0	34.6	

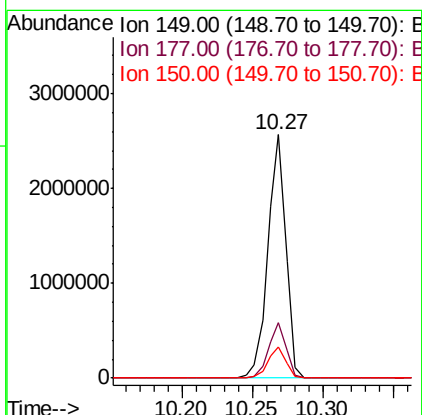
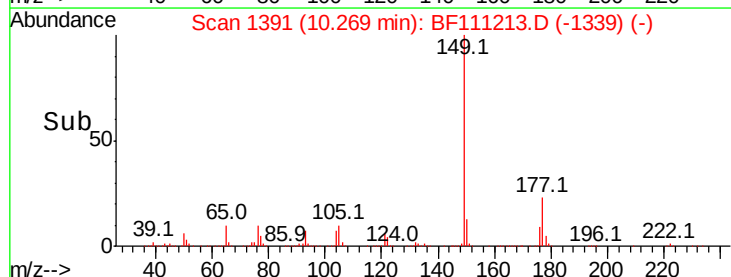
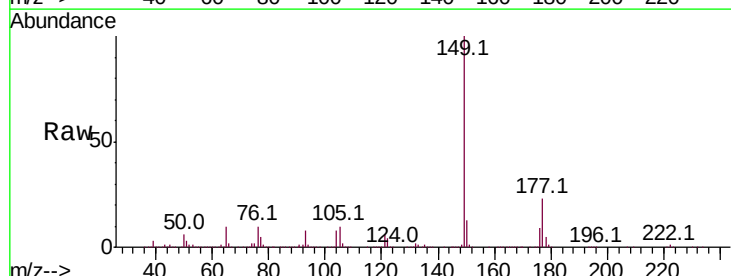
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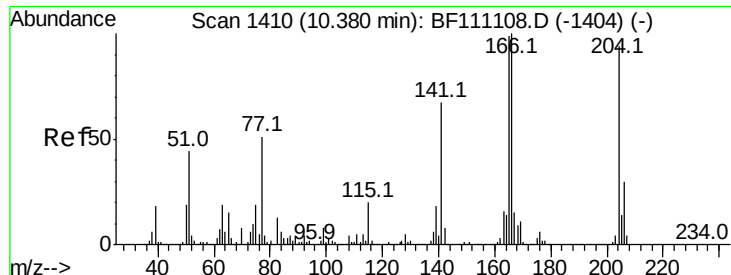
Sohil
 12/11/2018 8:44:56 AM



#60
 Diethylphthalate
 Concen: 45.106 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2306491		
177	22.8	17.0	25.6	
150	13.0	10.5	15.7	





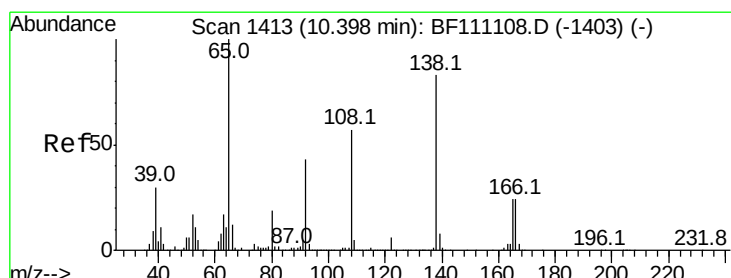
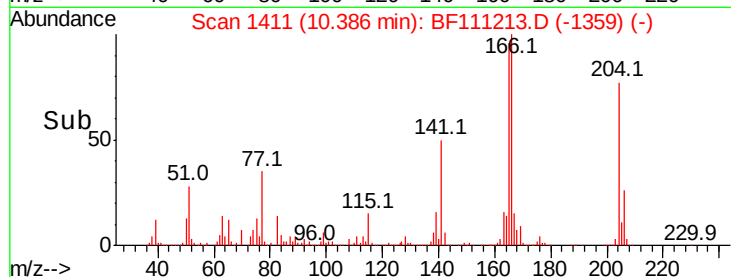
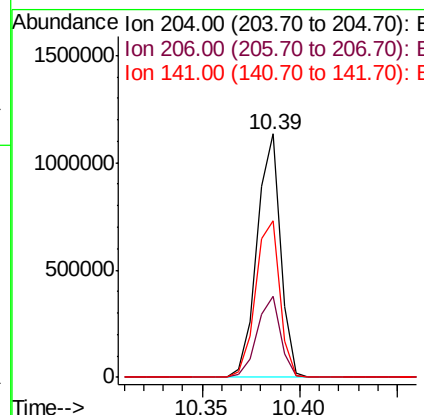
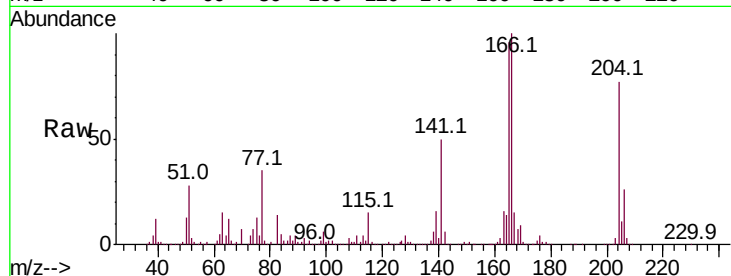
#61
4-Chlorophenyl-phenylether
Concen: 45.610 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampled :
PB115402BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.9	38.9
141	64.4	57.4	86.0

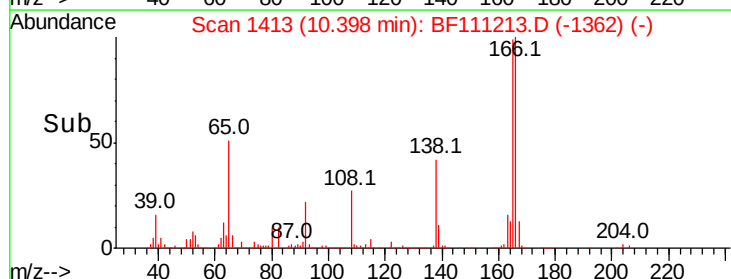
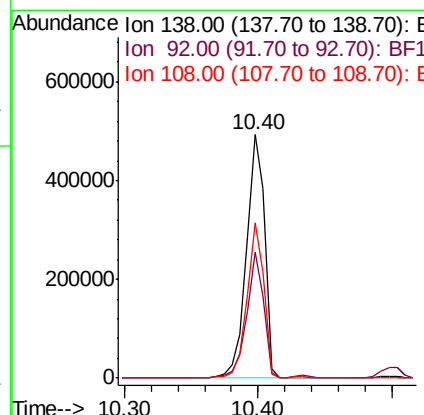
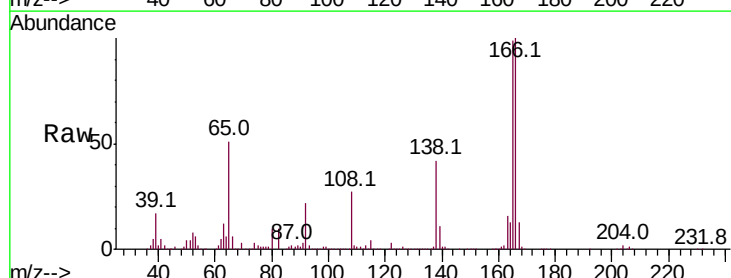
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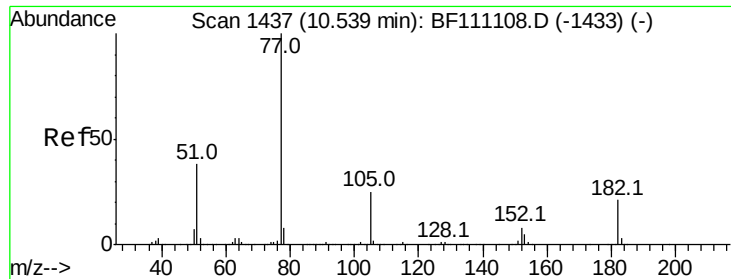
Sohil
12/11/2018 8:44:56 AM



#62
4-Nitroaniline
Concen: 37.985 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.6	71.6
108	63.9	48.3	88.3





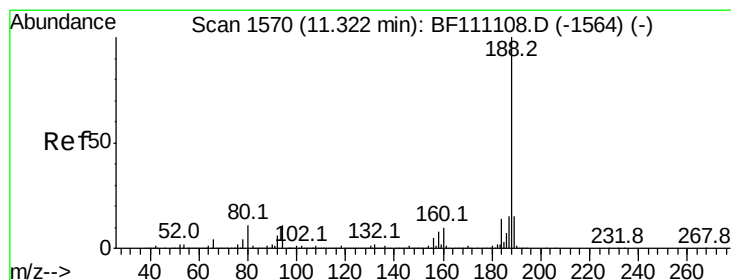
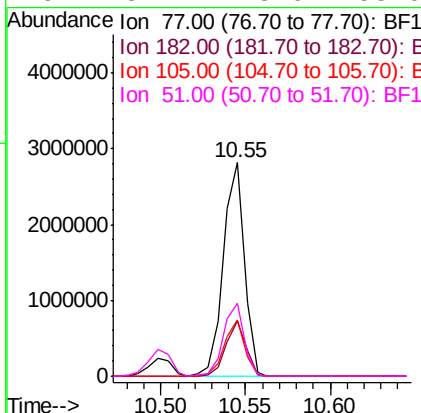
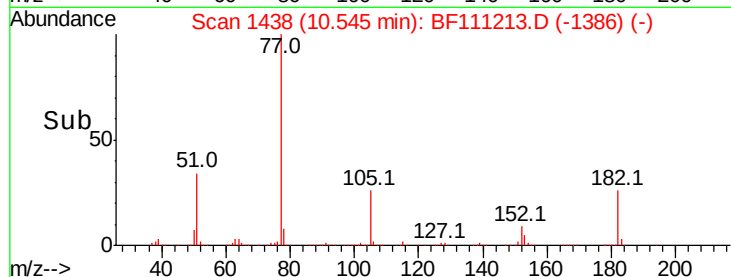
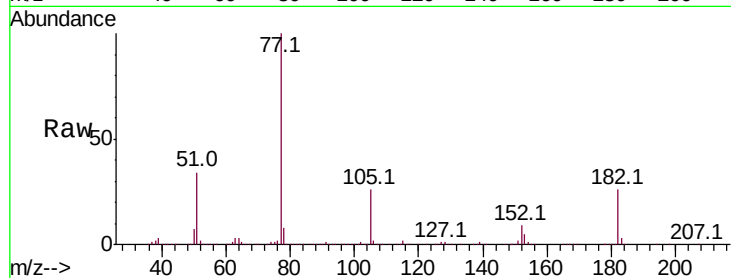
#63
Azobenzene
Concen: 44.811 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion: 77 Resp: 2439513
Ion Ratio Lower Upper
77 100
182 25.9 1.4 41.4
105 26.1 4.7 44.7
51 34.2 18.0 58.0

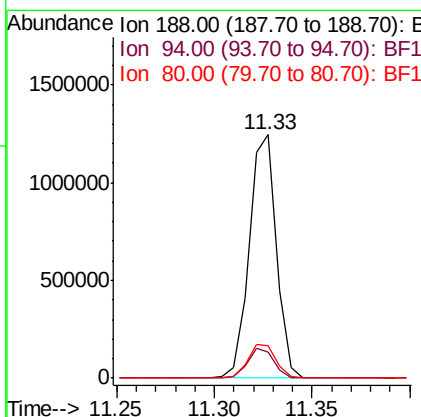
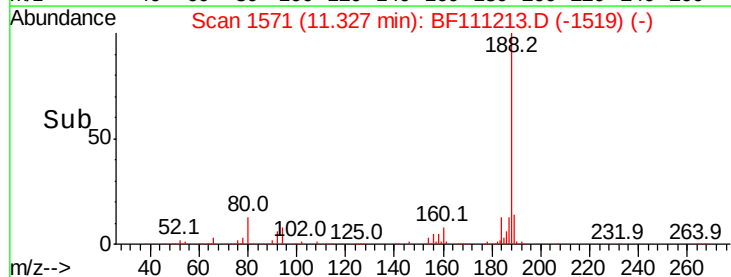
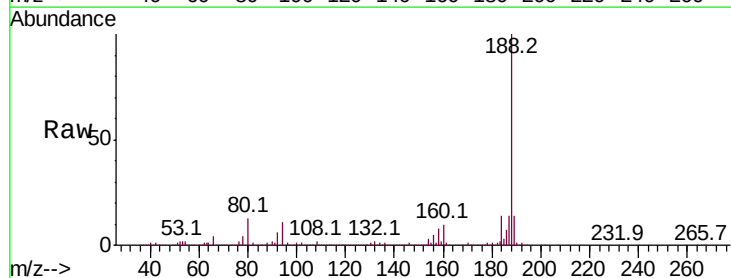
Manual Integrations
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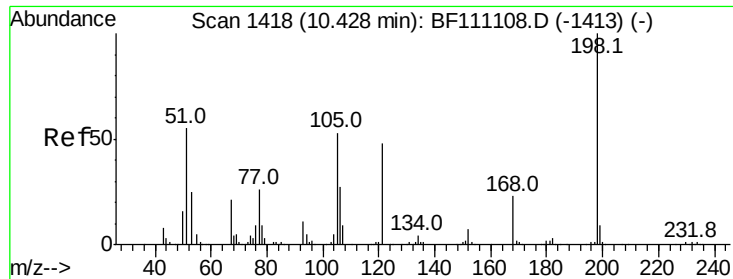
Sohil
12/11/2018 8:44:56 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion: 188 Resp: 1194424
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 13.5 9.0 13.6





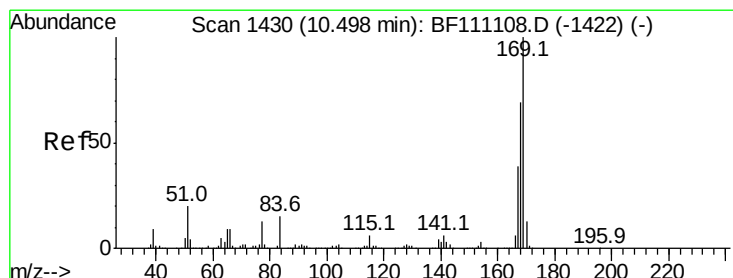
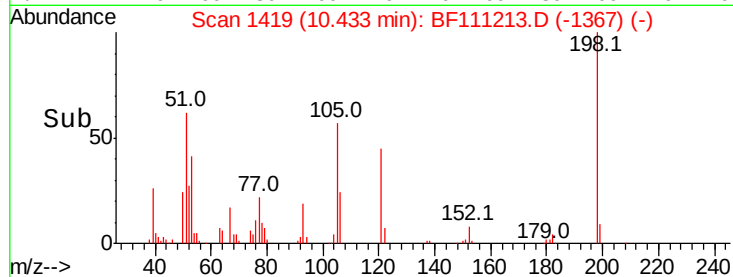
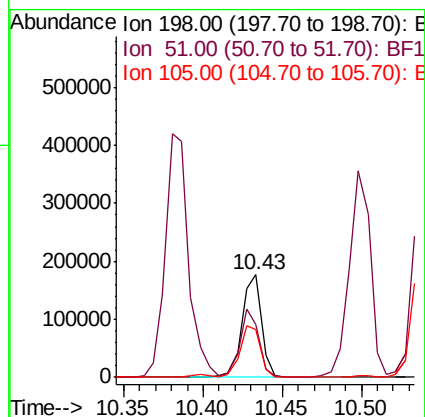
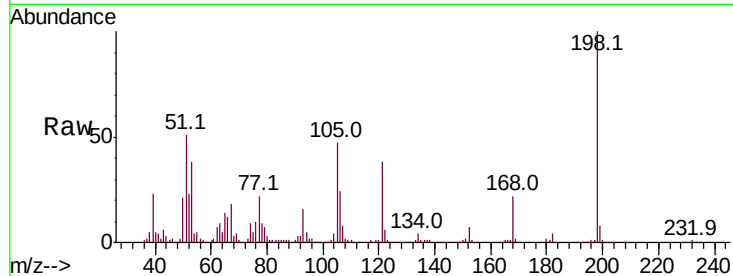
#65
4,6-Dinitro-2-methylphenol
Concen: 30.549 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampled :
PB115402BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	150747		
51	51.4	48.8	88.8	
105	47.1	35.2	75.2	

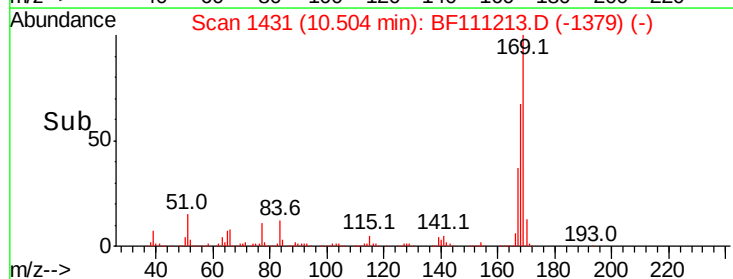
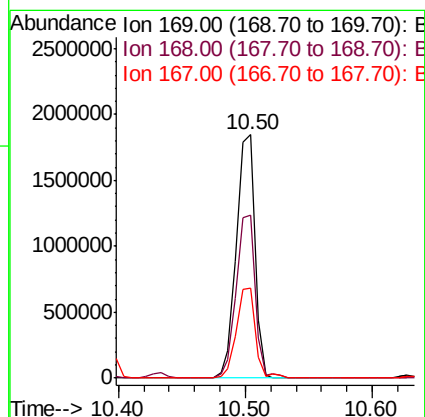
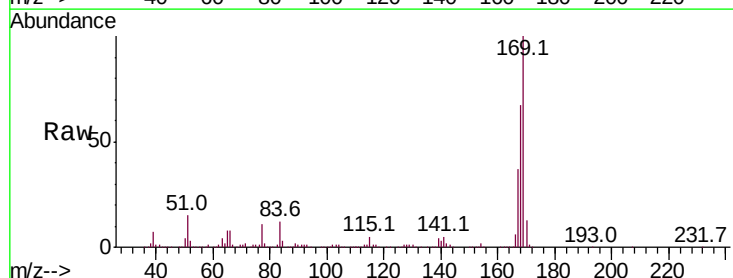
Manual Integrations
APPROVED

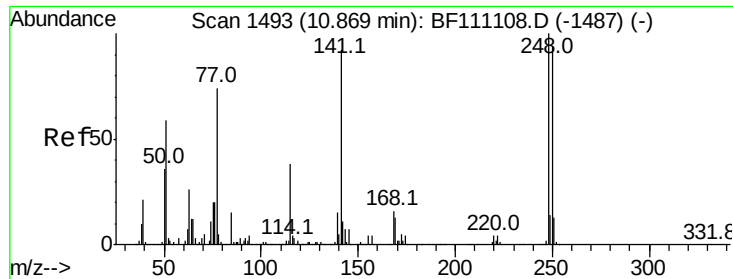
Sohil
12/11/2018 8:44:56 AM



#66
n-Nitrosodiphenylamine
Concen: 44.349 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1854830		
168	67.0	55.4	83.2	
167	36.8	31.1	46.7	





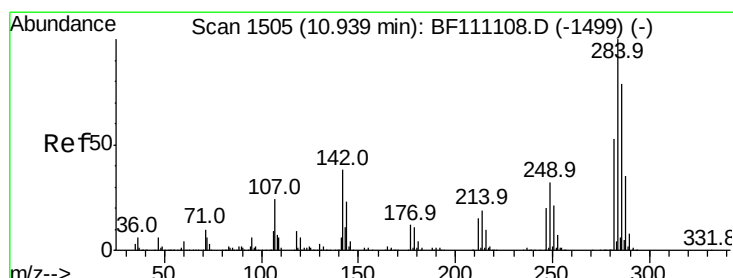
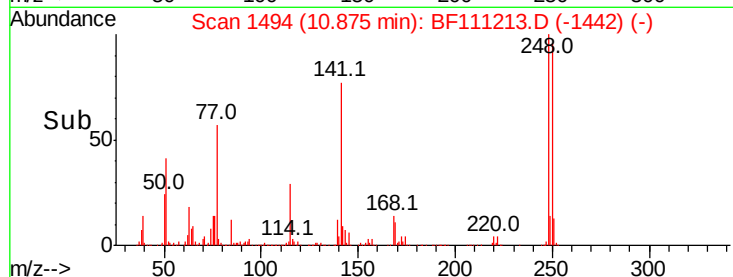
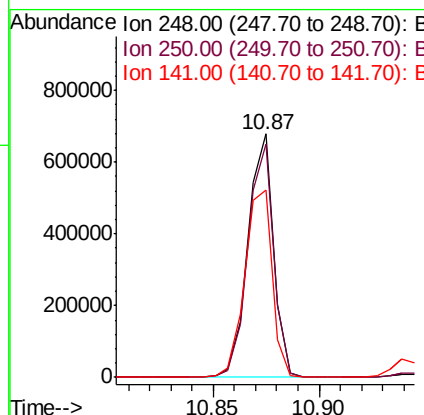
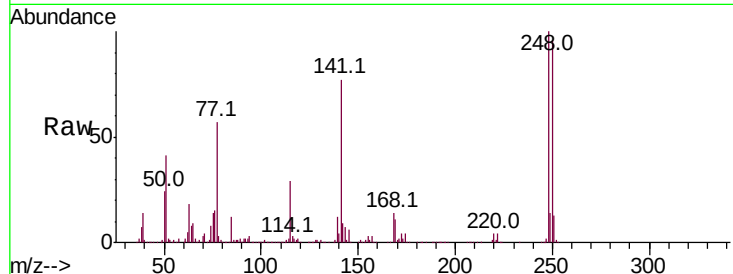
#67
4-Bromophenyl-phenylether
Concen: 45.100 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.4	113.0
141	77.1	73.8	110.6

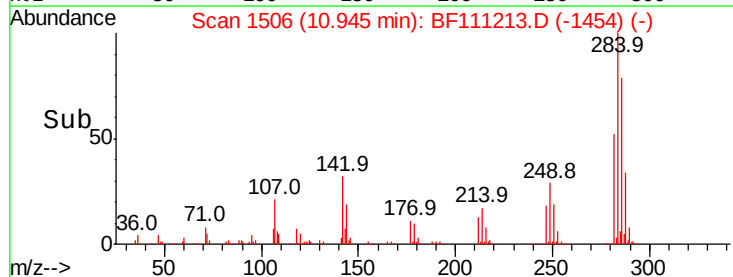
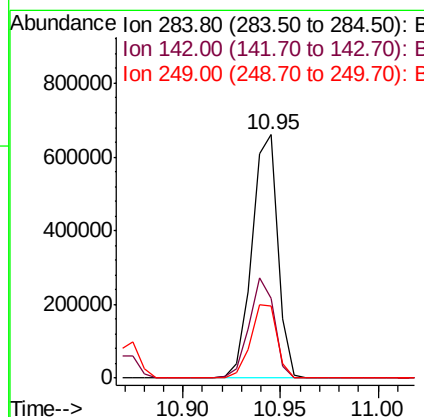
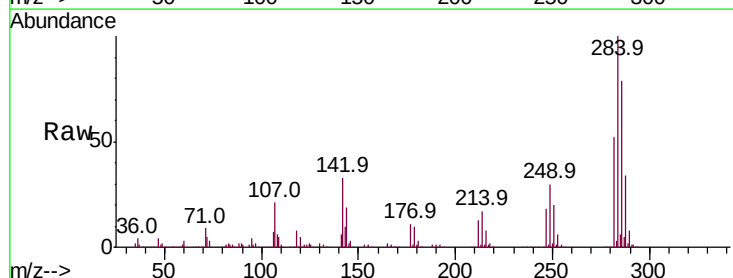
Manual Integrations
APPROVED

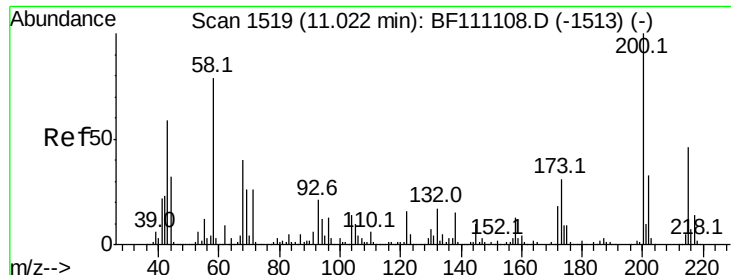
Sohil
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#68
Hexachlorobenzene
Concen: 46.927 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	30.2	45.2
249	29.5	25.3	37.9





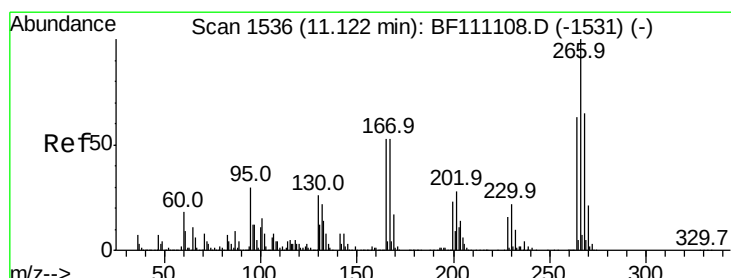
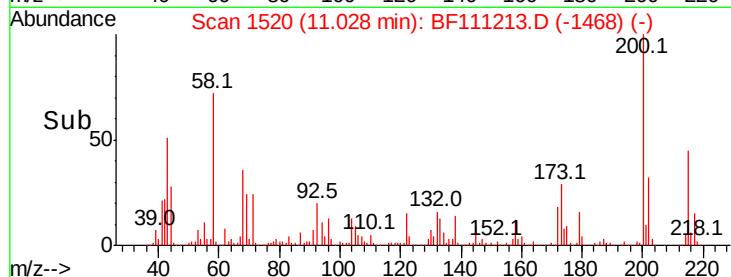
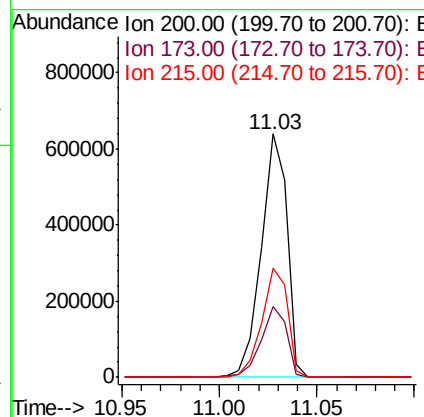
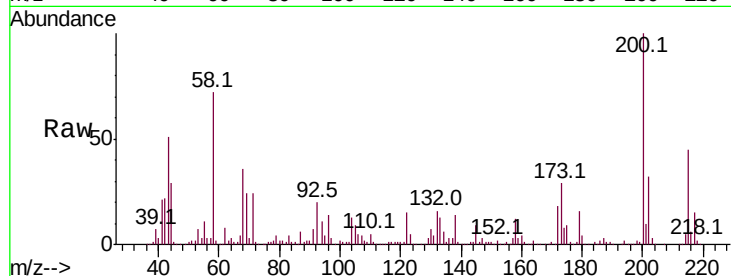
#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	11.3	51.3
215	44.8	25.9	65.9

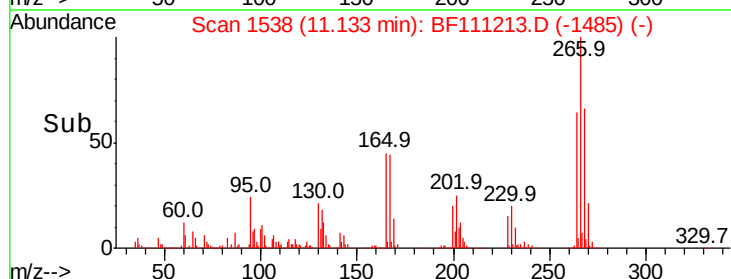
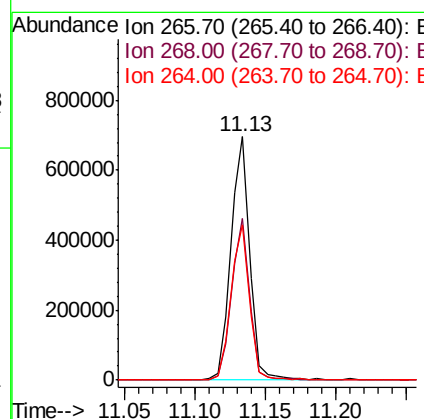
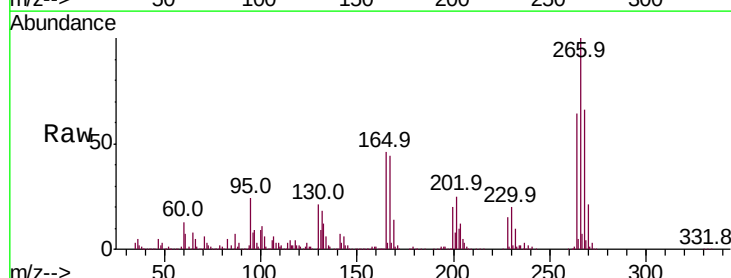
Manual Integrations
APPROVED

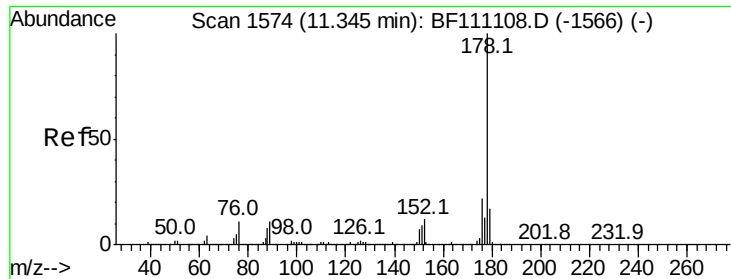
Sohil
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#70
Pentachlorophenol
Concen: 75.716 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	52.2	78.4
264	63.8	50.8	76.2





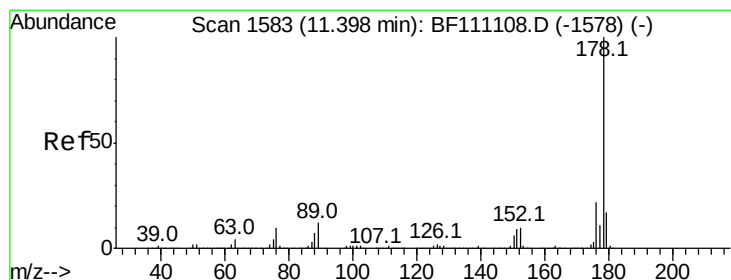
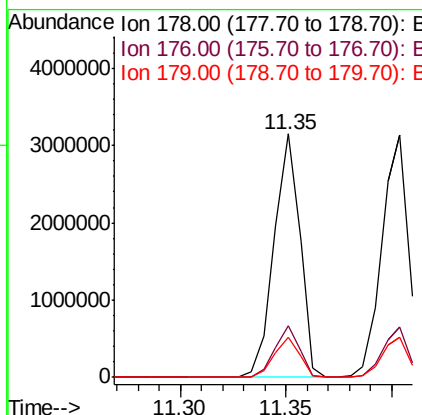
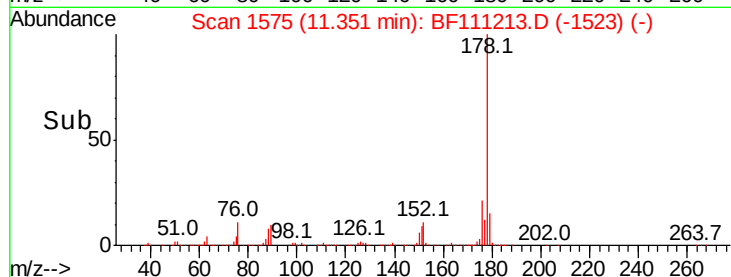
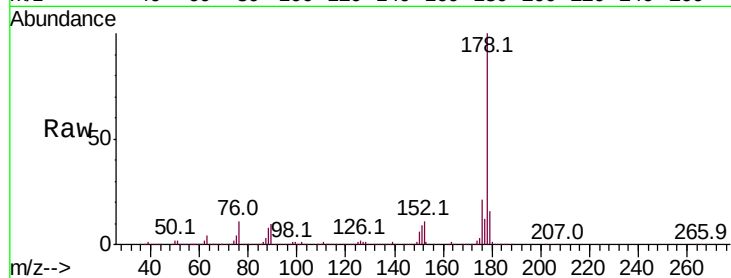
#71
Phenanthrene
Concen: 46.760 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion:178 Resp: 2686551
Ion Ratio Lower Upper
178 100
176 21.5 17.7 26.5
179 16.5 14.0 21.0

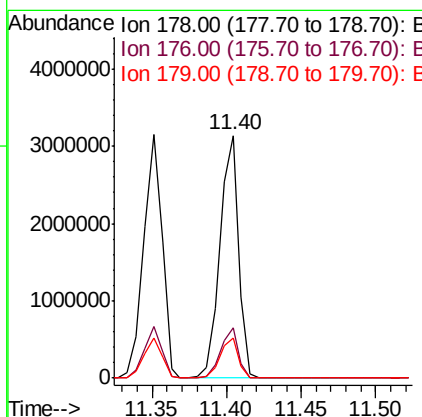
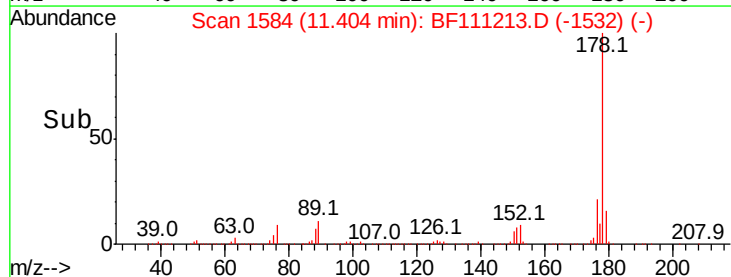
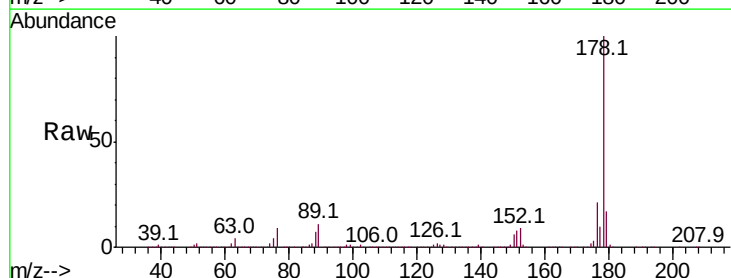
Manual Integrations
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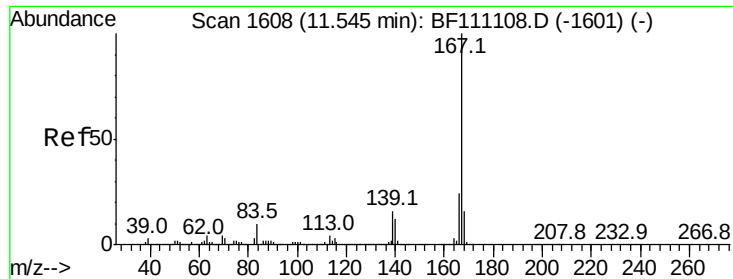
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#72
Anthracene
Concen: 47.756 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion:178 Resp: 2765713
Ion Ratio Lower Upper
178 100
176 20.9 17.3 25.9
179 16.5 13.8 20.8





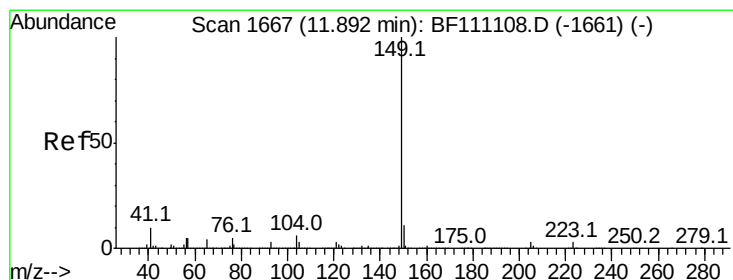
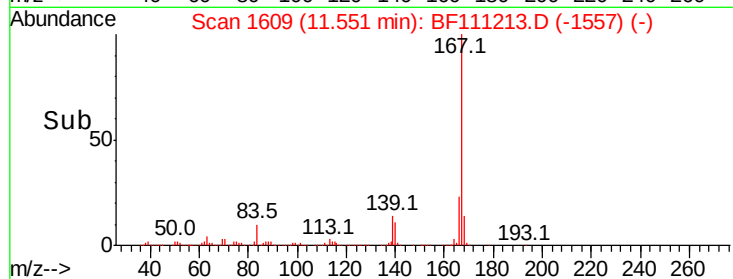
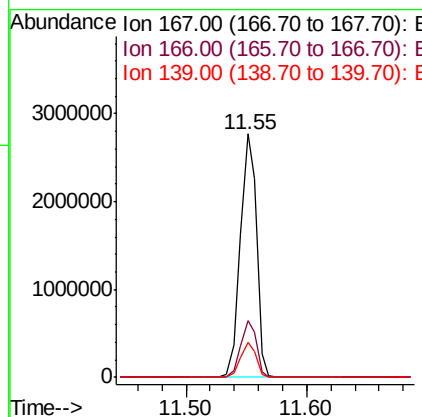
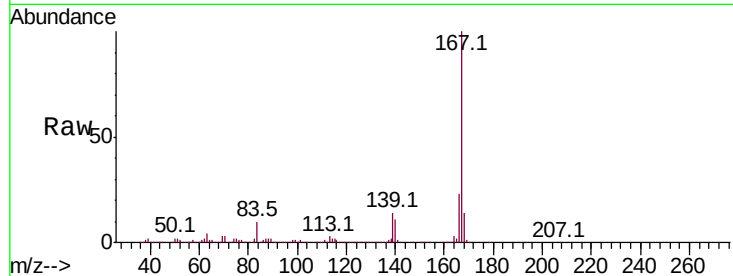
#73
 Carbazole
 Concen: 43.197 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.0
139	14.3	12.6	18.8

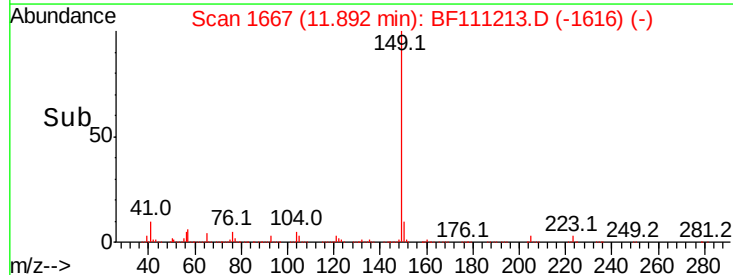
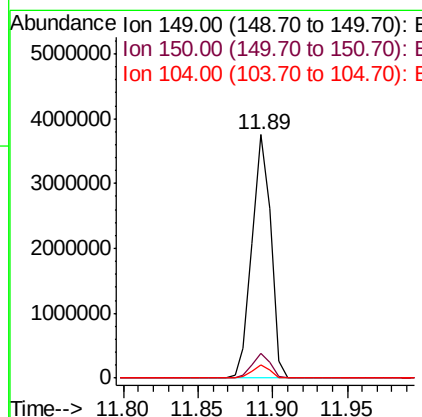
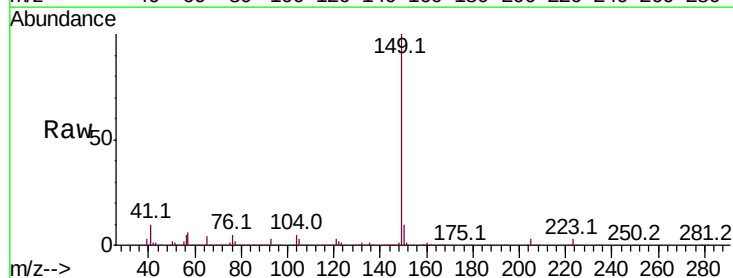
Manual Integrations
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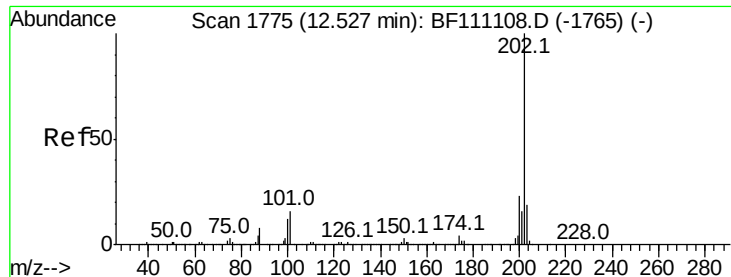
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#74
 Di-n-butylphthalate
 Concen: 46.181 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111213.D
 Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.6	12.8
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 38.129 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

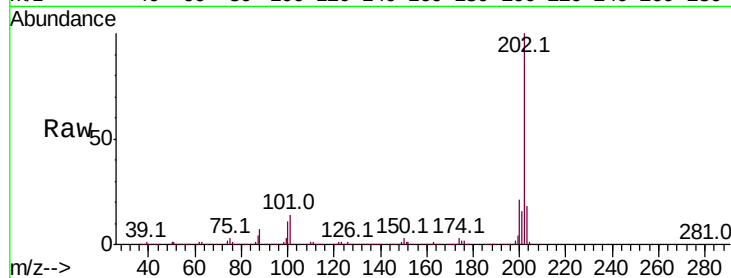
ClientSampleId :

PB115402BS

Tot Ion:	202	Resp:	2143617
Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	35.8
203	18.1	0.0	38.6

Manual Integrations
APPROVED

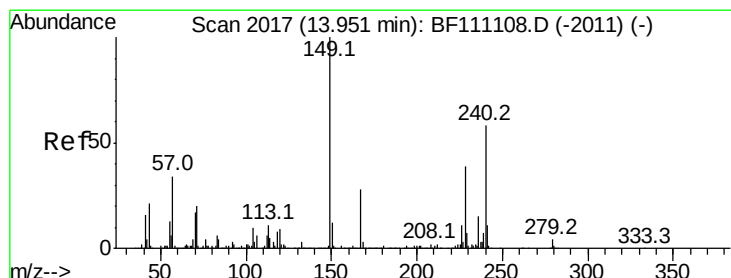
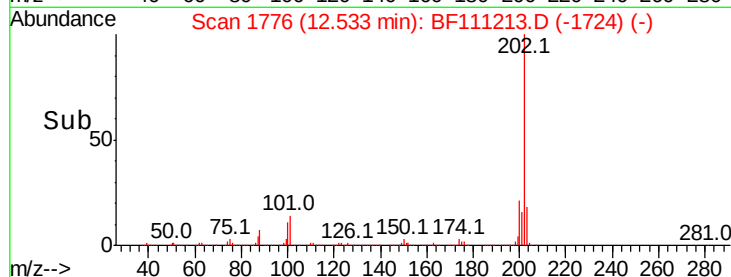
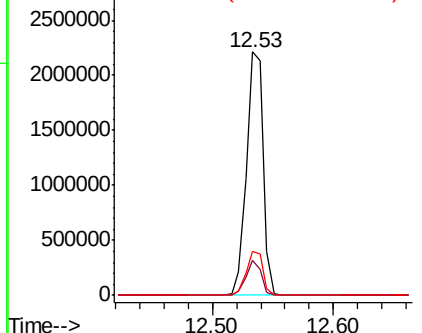
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111213.D

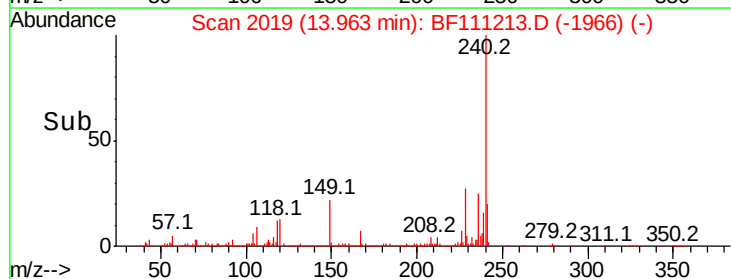
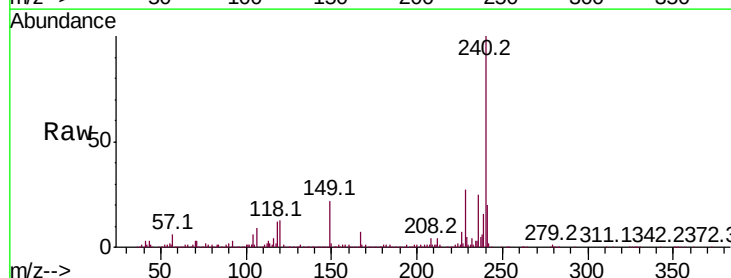
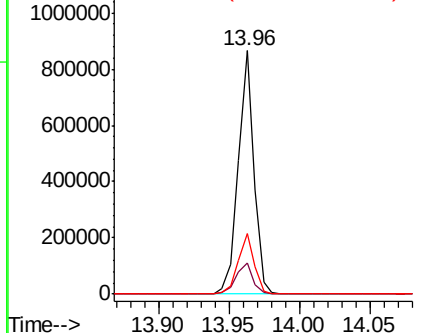
Acq: 8 Dec 2018 3:51

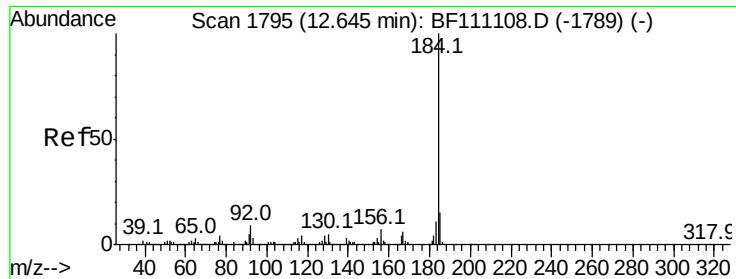
Tgt Ion:	240	Resp:	668198
Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.8	19.2
236	24.8	21.1	31.7

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





#77

Benzidine

Concen: Below Cal

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

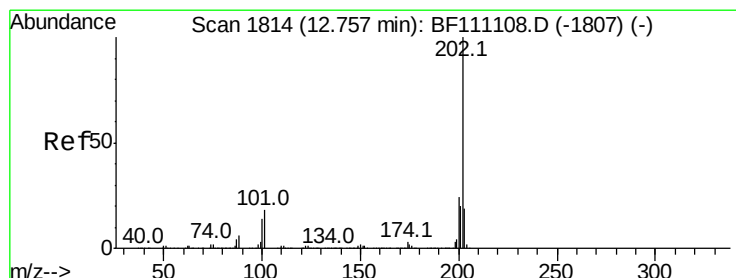
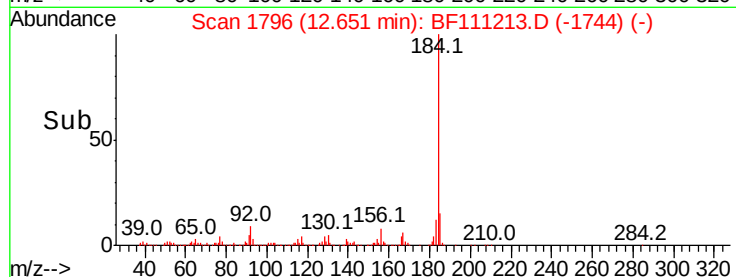
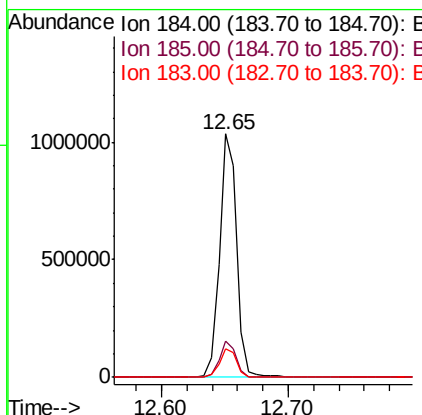
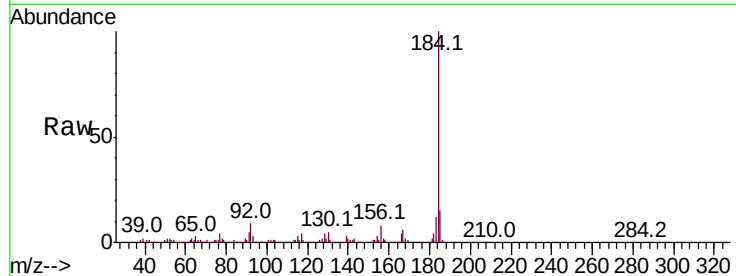
ClientSampleId :

PB115402BS

Tot Ion:	184	Resp:	978797
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.0	18.0
183	12.0	8.9	13.3

Manual Integrations
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#78

Pyrene

Concen: 41.381 ng

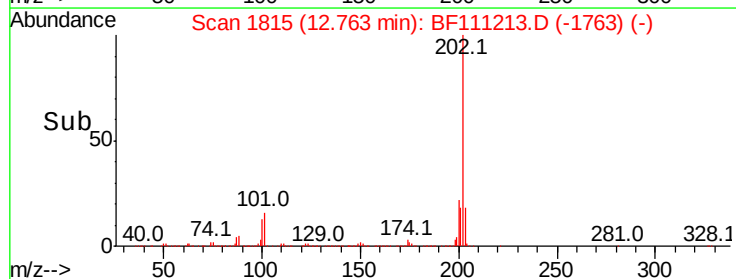
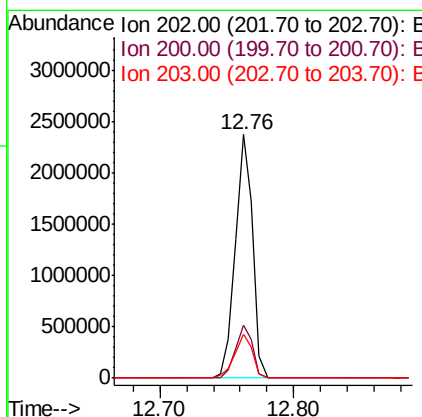
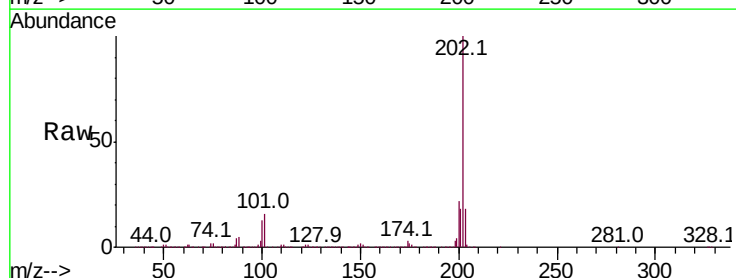
RT: 12.76 min Scan# 1815

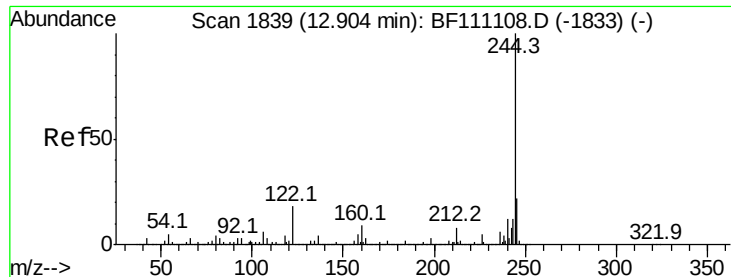
Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Tgt Ion:	202	Resp:	2154211
Ion Ratio	Lower	Upper	
202	100		
200	21.9	19.3	28.9
203	18.0	15.4	23.2





#79

Terphenyl-d14

Concen: 79.409 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

PB115402BS

Tot Ion:244 Resp: 2590867

Ion Ratio Lower Upper

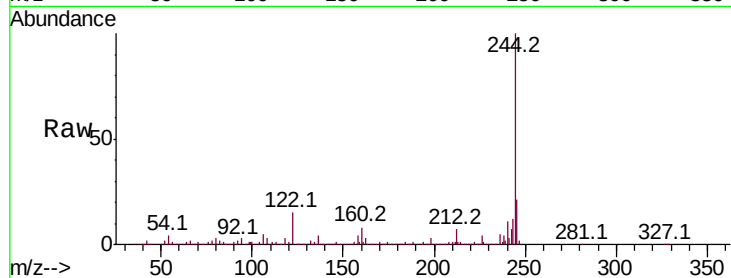
244 100

212 7.4 6.6 9.8

122 14.7 14.2 21.2

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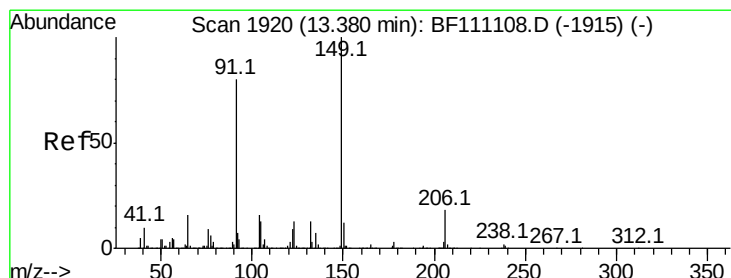
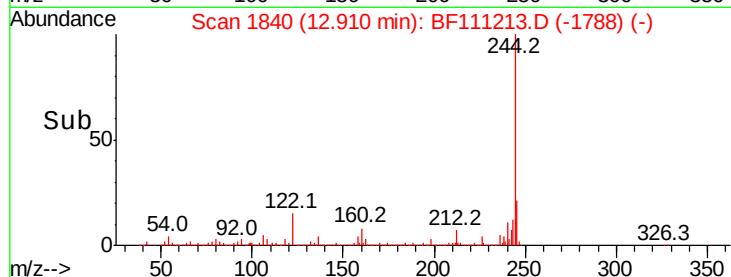
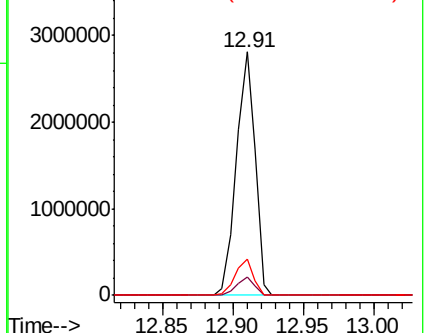
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.439 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

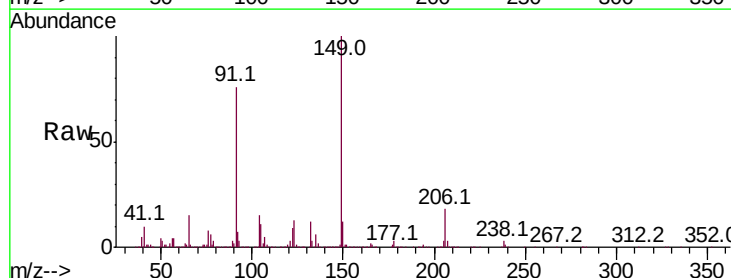
Tgt Ion:149 Resp: 1092415

Ion Ratio Lower Upper

149 100

91 76.3 64.0 96.0

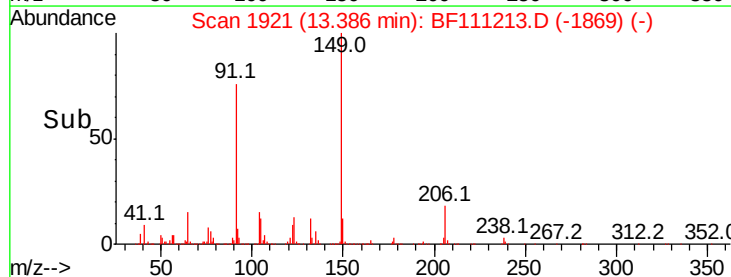
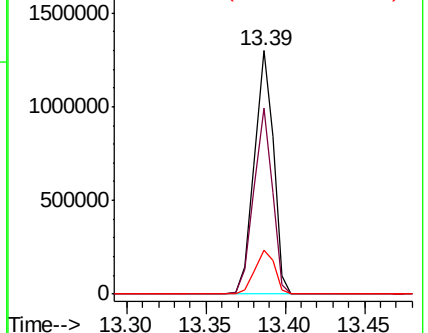
206 18.1 14.1 21.1

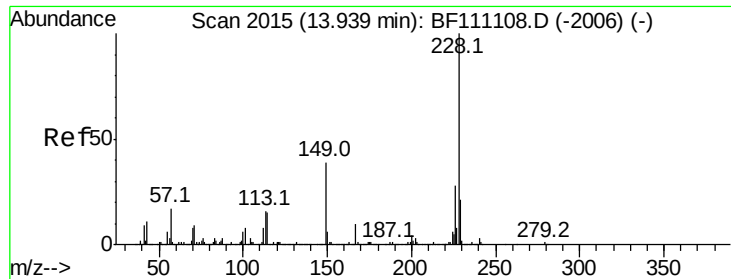


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





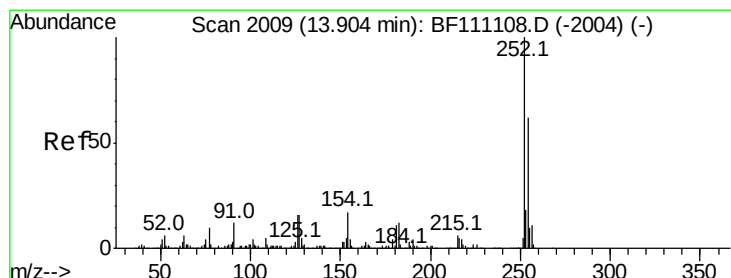
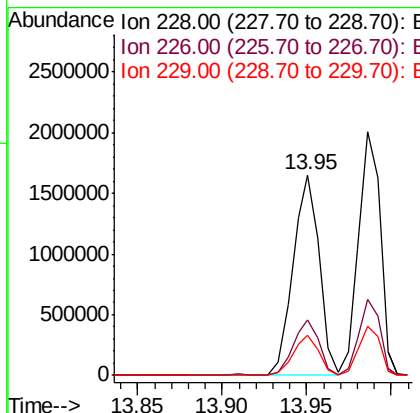
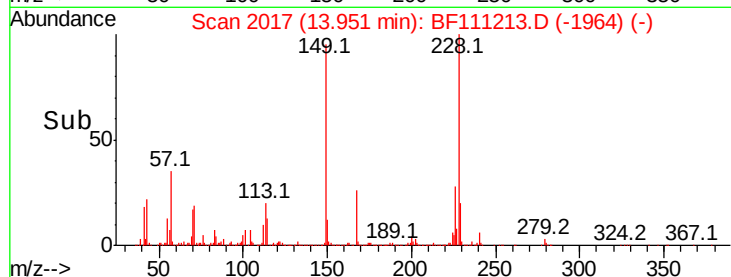
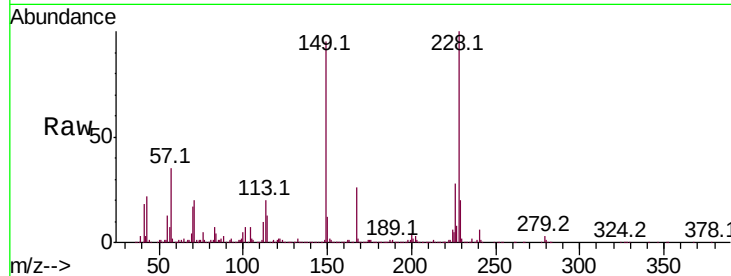
#81
Benzo(a)anthracene
Concen: 45.454 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampled :
PB115402BS

Tot Ion:228 Resp: 1779518
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 19.7 16.7 25.1

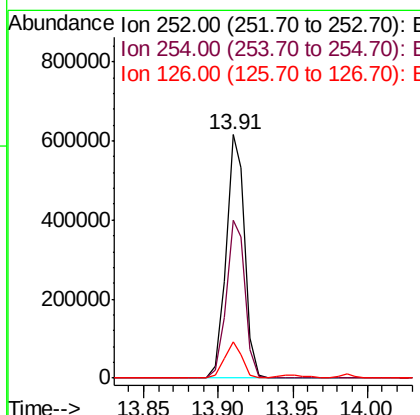
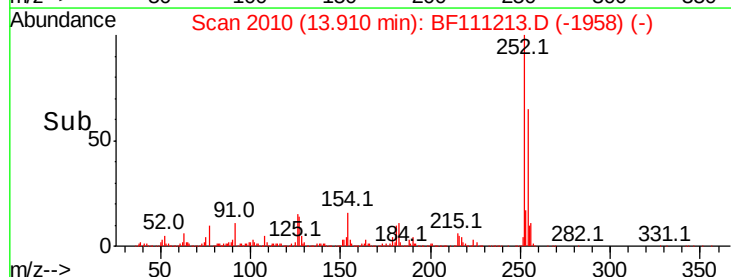
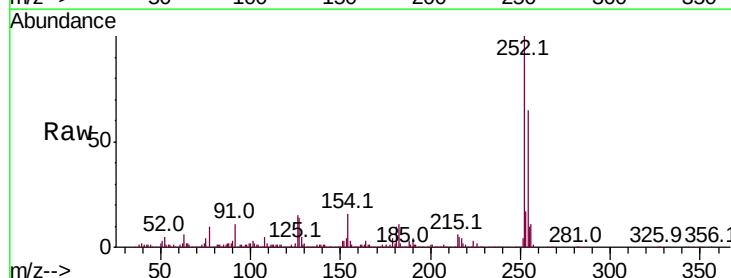
Manual Integrations
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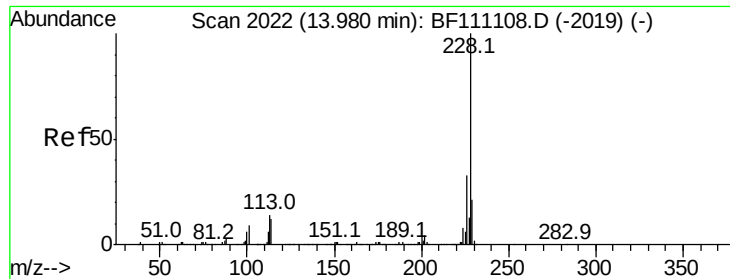
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 36.966 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion:252 Resp: 546147
Ion Ratio Lower Upper
252 100
254 65.0 49.8 74.8
126 14.8 12.9 19.3





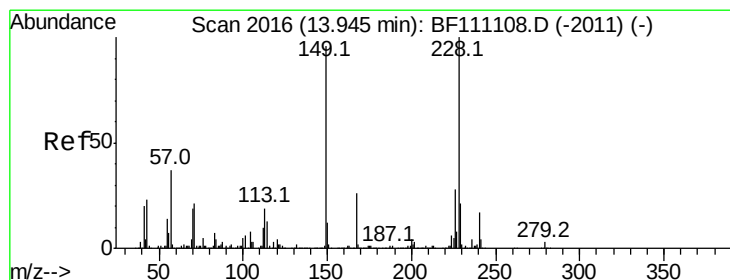
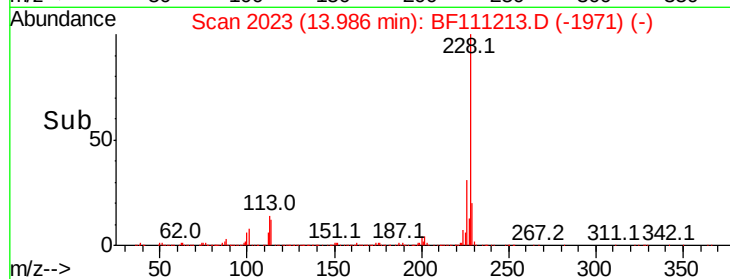
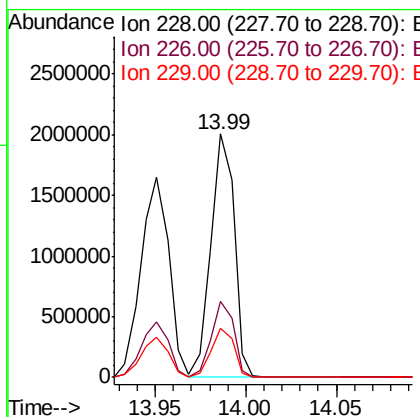
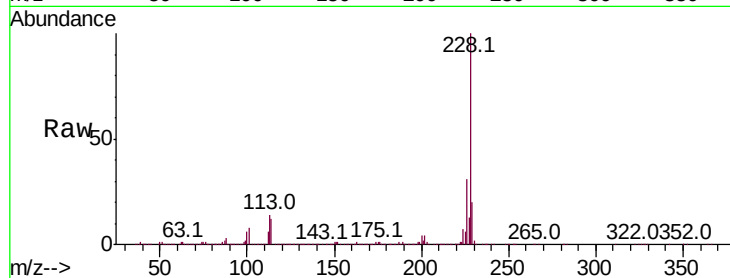
#83
Chrysene
Concen: 46.091 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleID :
PB115402BS

Tot Ion:228 Resp: 1791337
Ion Ratio Lower Upper
228 100
226 31.2 26.2 39.2
229 20.4 16.9 25.3

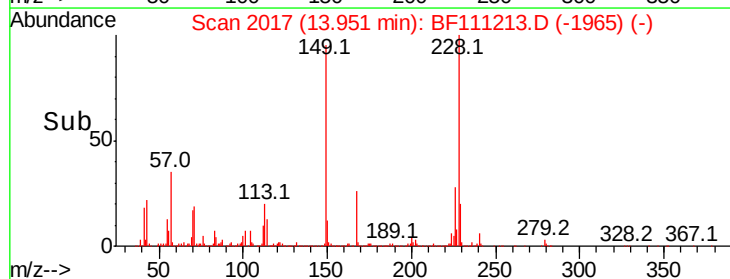
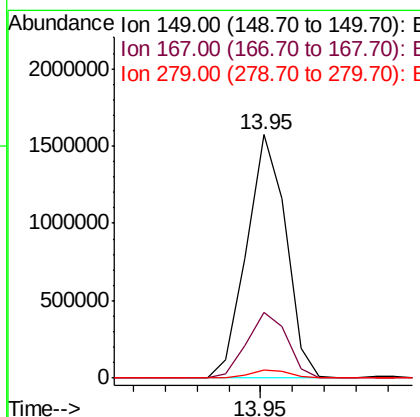
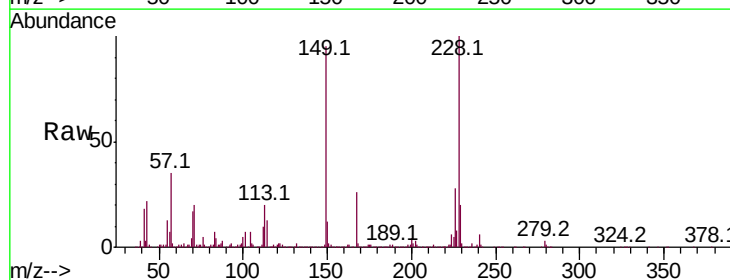
Manual Integrations
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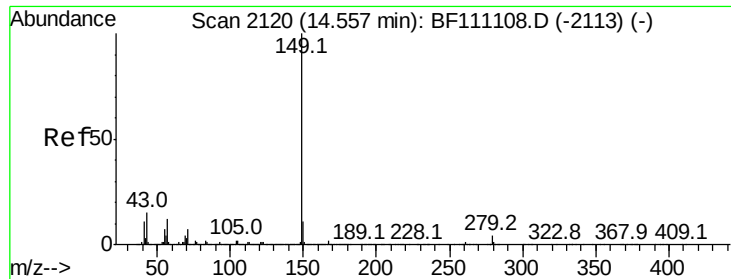
Sohil
12/11/2018 8:44:56 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.574 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion:149 Resp: 1353971
Ion Ratio Lower Upper
149 100
167 27.2 21.6 32.4
279 3.2 2.3 3.5





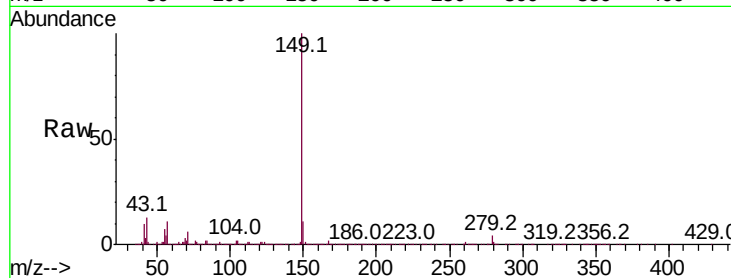
#85
Di-n-octyl phthalate
Concen: 65.025 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.3	11.9	17.9

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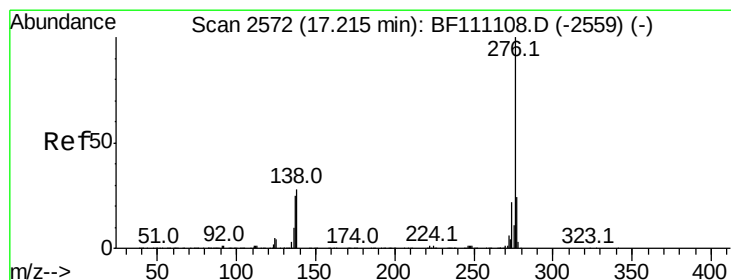
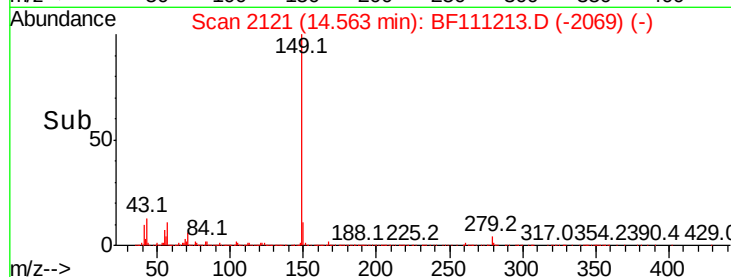
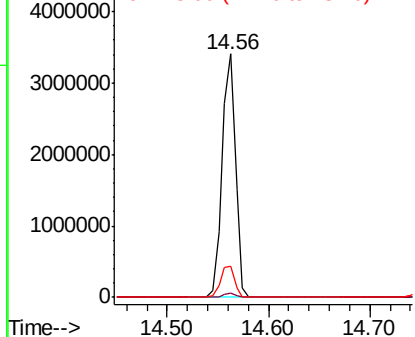


Abundance

Ion 149.00 (148.70 to 149.70): E

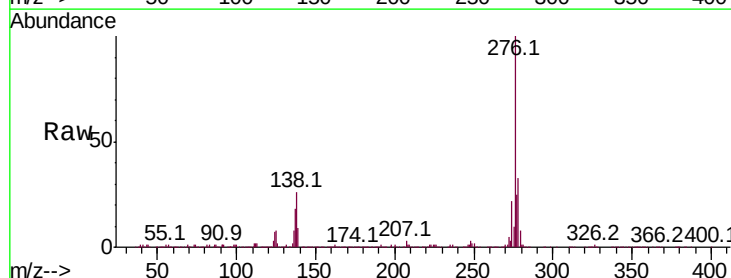
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.487 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.02 min
Lab File: BF111213.D
Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.5	20.2	30.4#
277	25.3	15.8	23.6#

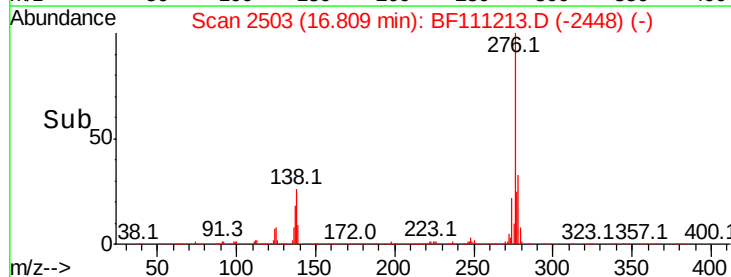
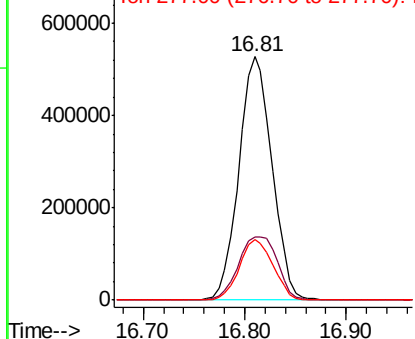


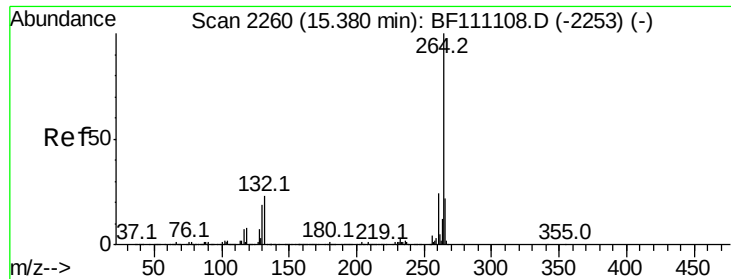
Abundance

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

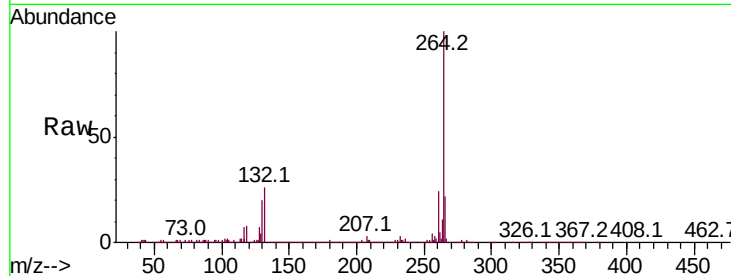
ClientSampleId :

PB115402BS

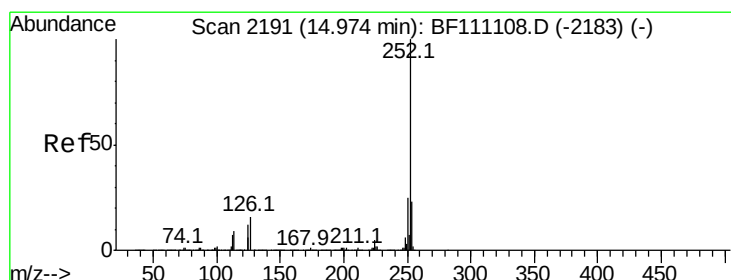
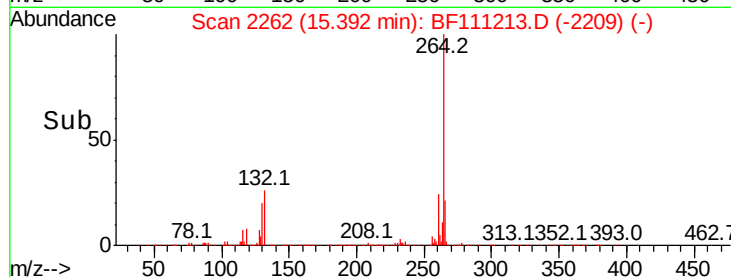
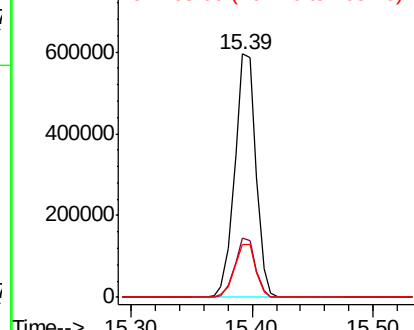
Tot Ion:	264	Resp:	728178
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.0
265	21.5	17.4	26.0

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Abundance Ion 264.00 (263.70 to 264.70): E
800000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.406 ng

RT: 14.99 min Scan# 2193

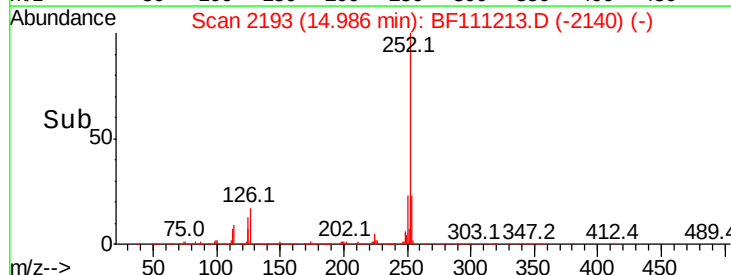
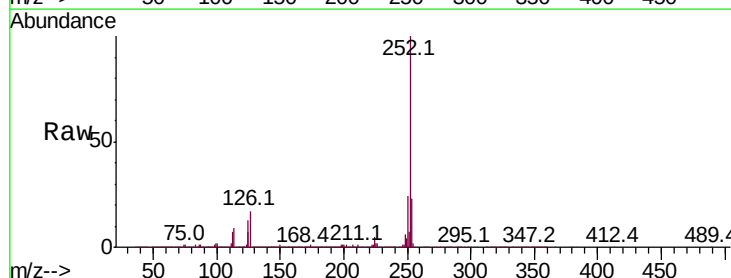
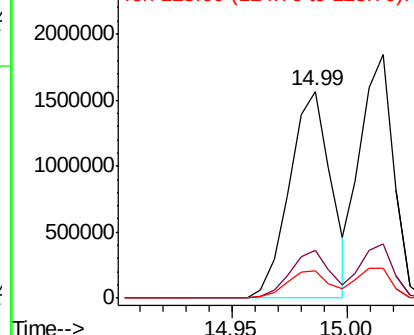
Delta R.T. 0.01 min

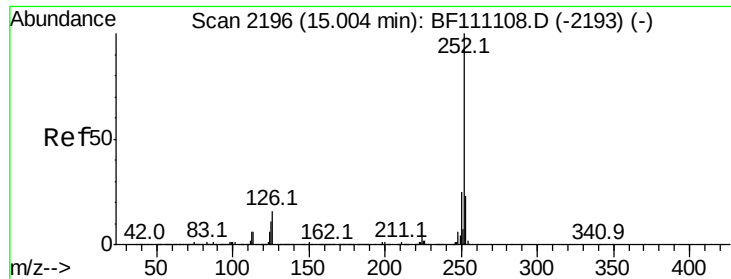
Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Tgt Ion:	252	Resp:	1956038
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.5	27.7
125	12.9	9.9	14.9

Abundance Ion 252.00 (251.70 to 252.70): E
2500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.294 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

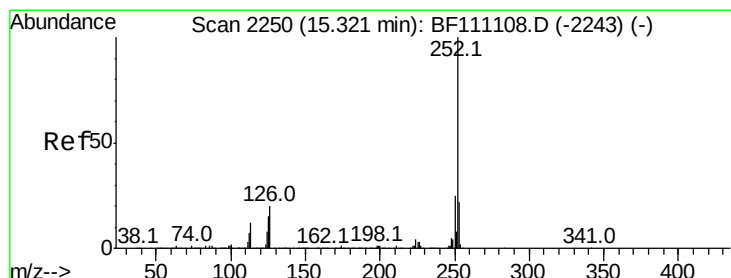
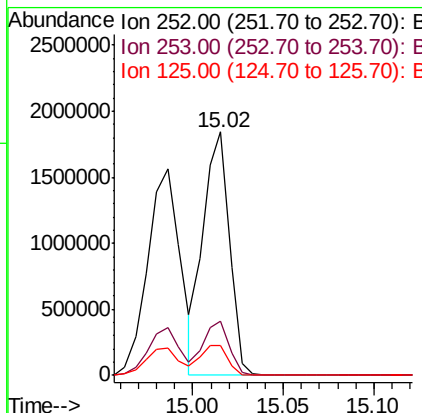
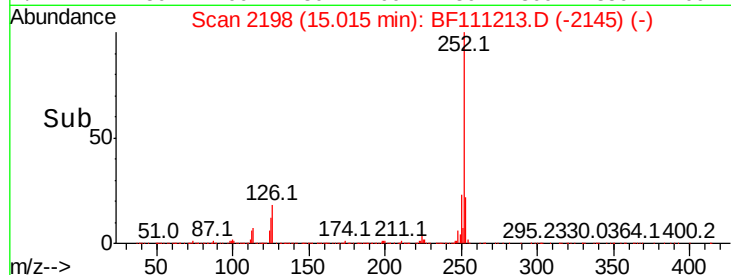
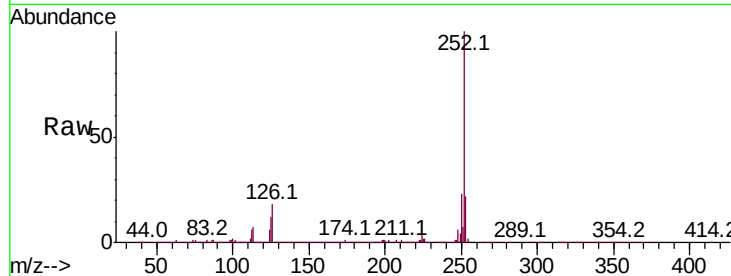
ClientSampleId :

PB115402BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.2	9.9	14.9

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#90

Benzo(a)pyrene

Concen: 49.489 ng

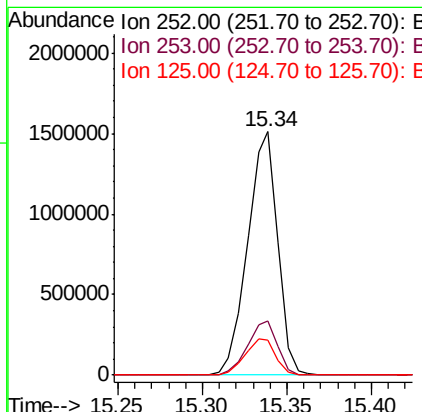
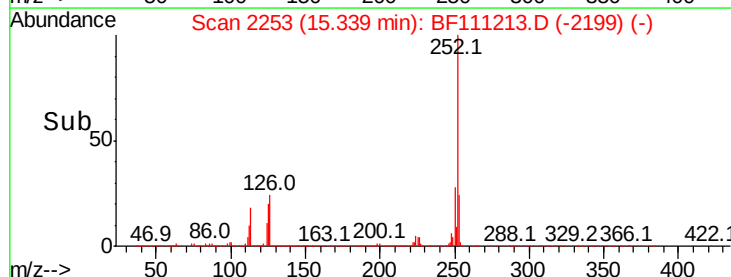
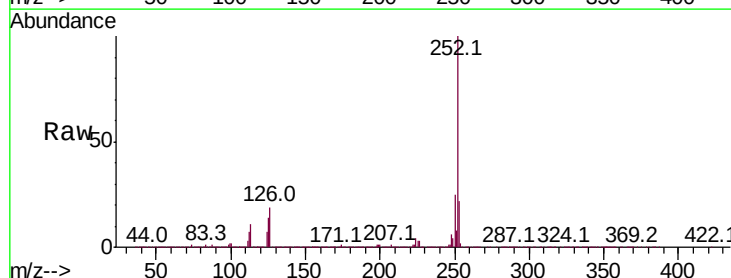
RT: 15.34 min Scan# 2253

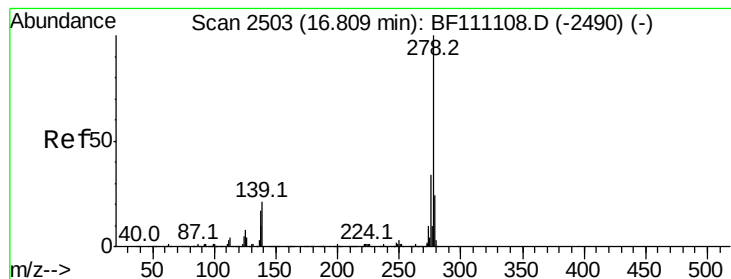
Delta R.T. 0.02 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.2	12.4	18.6





#91

Dibenzo(a,h)anthracene

Concen: 31.743 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.02 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

PB115402BS

Tot Ion:278 Resp: 1008168

Ion Ratio Lower Upper

278 100

139 19.0 16.6 25.0

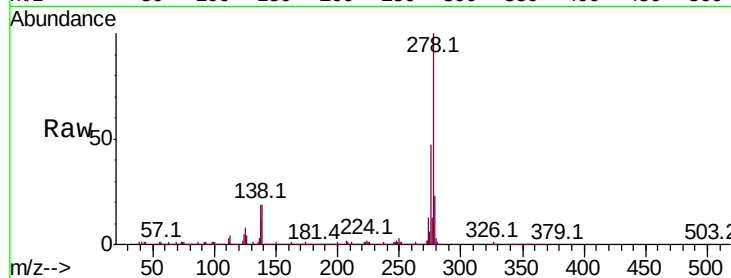
279 23.2 18.8 28.2

Manual Integrations

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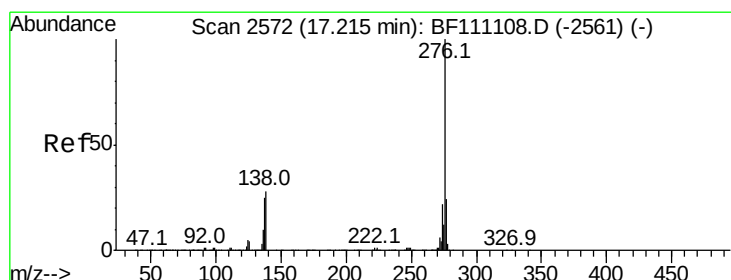
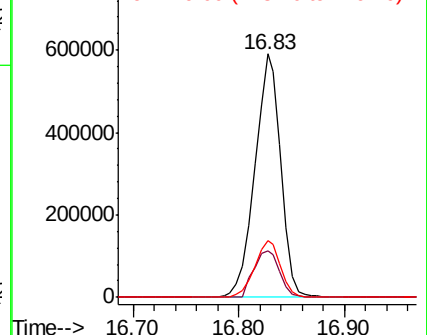
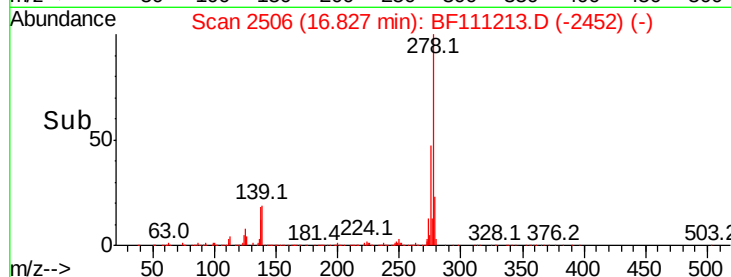


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 31.015 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.02 min

Lab File: BF111213.D

Acq: 8 Dec 2018 3:51

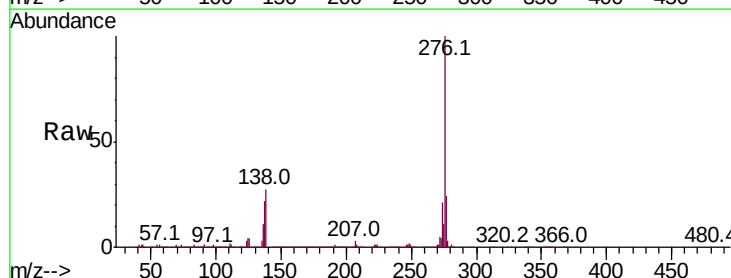
Tgt Ion:276 Resp: 989899

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 27.2 22.3 33.5

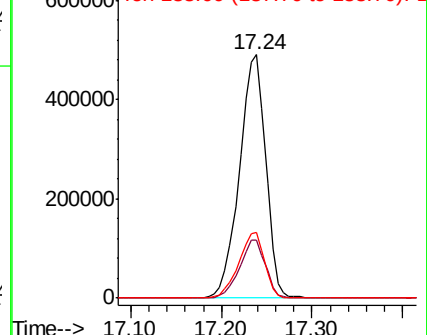
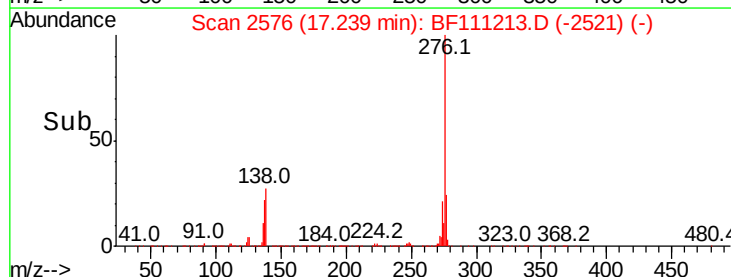


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111213.D
 Acq On : 8 Dec 2018 3:51
 Operator : JU/SJ
 Sample : PB115402BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BS

Manual Integrations
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 12/11/2018 8:44:56 AM

Quant Time: Dec 08 05:03:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	389921	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1711387	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	735214	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1194424	20.00	ng	0.00
76) Chrysene-d12	13.96	240	668198	20.00	ng	0.01
87) Perylene-d12	15.39	264	728178	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	2194552	87.83	ng	0.01
7) Phenol-d6	6.44	99	3052063	94.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	2499262	86.46	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	543566	93.01	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3926143	101.67	ng	0.00
79) Terphenyl-d14	12.91	244	2590867	79.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	499736	34.769	ng	95
3) Pyridine	3.32	79	1412440	44.309	ng	90
4) n-Nitrosodimethylamine	3.25	42	723594	46.103	ng	82
6) Aniline	6.46	93	863917	20.089	ng	100
8) 2-Chlorophenol	6.59	128	1240300	43.064	ng	98
9) Benzaldehyde	6.35	77	645338	36.361	ng	98
10) Phenol	6.45	94	1667550	47.512	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	1273879	44.409	ng	99
12) 1,3-Dichlorobenzene	6.75	146	1245925	40.676	ng	95
13) 1,4-Dichlorobenzene	6.82	146	1289480	41.833	ng	99
14) 1,2-Dichlorobenzene	6.98	146	1218676	42.501	ng	99
15) Benzyl Alcohol	6.95	79	1091839	42.810	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2243082	40.199	ng	100
17) 2-Methylphenol	7.06	107	1099377	46.501	ng	98
18) Hexachloroethane	7.32	117	458237	39.628	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	832477	38.485	ng	97
20) 3+4-Methylphenols	7.22	107	1190262	41.278	ng	92
22) Acetophenone	7.22	105	1560080	37.722	ng	95
24) Nitrobenzene	7.39	77	1308711	42.082	ng	98
25) Isophorone	7.63	82	2225554	41.951	ng	99
26) 2-Nitrophenol	7.70	139	630630	47.992	ng	91
27) 2,4-Dimethylphenol	7.75	122	1121242	45.308	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1498601	41.728	ng	99
29) 2,4-Dichlorophenol	7.95	162	1068982	43.877	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	977393	39.747	ng	99
31) Naphthalene	8.11	128	3374559	45.289	ng	98
32) Benzoic acid	7.85	122	781847	47.910	ng	96
33) 4-Chloroaniline	8.15	127	252678	7.015	ng	97
34) Hexachlorobutadiene	8.23	225	562979	42.128	ng	98
35) Caprolactam	8.53	113	393297m	43.968	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1101447	41.275	ng	99
37) 2-Methylnaphthalene	8.80	142	2185050	42.513	ng	98
38) 1-Methylnaphthalene	8.90	142	2050800	41.502	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	796658	40.656	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111213.D
 Acq On : 8 Dec 2018 3:51
 Operator : JU/SJ
 Sample : PB115402BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BS

Manual Integrations
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Sohil
 12/11/2018 8:44:56 AM

Quant Time: Dec 08 05:03:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	466639	45.163	ng	97
43) 2,4,6-Trichlorophenol	9.08	196	619950	43.319	ng	97
44) 2,4,5-Trichlorophenol	9.12	196	642062	44.257	ng	94
46) 1,1'-Biphenyl	9.27	154	2456187	40.810	ng	97
47) 2-Chloronaphthalene	9.29	162	2140554	45.769	ng	97
48) 2-Nitroaniline	9.38	65	698580	46.091	ng	96
49) Acenaphthylene	9.70	152	3152385	48.221	ng	99
50) Dimethylphthalate	9.57	163	2262446	44.216	ng	99
51) 2,6-Dinitrotoluene	9.62	165	517235	47.679	ng	92
52) Acenaphthene	9.88	154	1947758	45.099	ng	99
53) 3-Nitroaniline	9.79	138	267157	19.605	ng	95
54) 2,4-Dinitrophenol	9.89	184	184291	55.793	ng	# 73
55) Dibenzofuran	10.05	168	2798706	47.048	ng	94
56) 4-Nitrophenol	9.95	139	896499	87.304	ng	92
57) 2,4-Dinitrotoluene	10.03	165	721431	51.491	ng	98
58) Fluorene	10.39	166	2033998	48.488	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	581391	53.695	ng	97
60) Diethylphthalate	10.27	149	2306491	45.106	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	942879	45.610	ng	94
62) 4-Nitroaniline	10.40	138	467170	37.985	ng	97
63) Azobenzene	10.55	77	2439513	44.811	ng	94
65) 4,6-Dinitro-2-methylphenol	10.43	198	150747	30.549	ng	83
66) n-Nitrosodiphenylamine	10.50	169	1854830	44.349	ng	97
67) 4-Bromophenyl-phenylether	10.87	248	570225	45.100	ng	91
68) Hexachlorobenzene	10.95	284	606695	46.927	ng	94
69) Atrazine	11.03	200	585230	Below Cal		97
70) Pentachlorophenol	11.13	266	643736	75.716	ng	99
71) Phenanthrene	11.35	178	2686551	46.760	ng	98
72) Anthracene	11.40	178	2765713	47.756	ng	98
73) Carbazole	11.55	167	2603058	43.197	ng	97
74) Di-n-butylphthalate	11.89	149	3257640	46.181	ng	99
75) Fluoranthene	12.53	202	2143617	38.129	ng	98
77) Benzdine	12.65	184	978797	Below Cal		99
78) Pyrene	12.76	202	2154211	41.381	ng	96
80) Butylbenzylphthalate	13.39	149	1092415	43.439	ng	96
81) Benzo(a)anthracene	13.95	228	1779518	45.454	ng	98
82) 3,3'-Dichlorobenzidine	13.91	252	546147	36.966	ng	97
83) Chrysene	13.99	228	1791337	46.091	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1353971	44.574	ng	100
85) Di-n-octyl phthalate	14.56	149	3105108	65.025	ng	96
86) Indeno(1,2,3-cd)pyrene	16.81	276	1200983	38.487	ng	# 89
88) Benzo(b)fluoranthene	14.99	252	1956038	47.406	ng	99
89) Benzo(k)fluoranthene	15.02	252	1846617	46.294	ng	99
90) Benzo(a)pyrene	15.34	252	1873023	49.489	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1008168	31.743	ng	98
92) Benzo(g,h,i)perylene	17.24	276	989899	31.015	ng	99

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