

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112531.D
 Acq On : 13 Feb 2019 11:37
 Operator : JU/SJ
 Sample : K1462-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Quant Time: Feb 14 04:07:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	117291	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	454758	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	231814	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	463255	20.00	ng	0.00
76) Chrysene-d12	14.01	240	354309	20.00	ng	0.00
87) Perylene-d12	15.49	264	259100	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	776018	140.53	ng	0.00
7) Phenol-d6	6.49	99	979832	127.70	ng	0.00
23) Nitrobenzene-d5	7.40	82	615399	77.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	314954	116.73	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1200035	73.22	ng	-0.01
79) Terphenyl-d14	12.95	244	1329881	70.69	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.50	93	317	0.035	ng	# 1
9) Benzaldehyde	6.62	77	19533	4.870	ng	# 82
10) Phenol	6.50	94	14938	1.774	ng	# 77
11) bis(2-Chloroethyl)ether	6.62	93	1261	0.190	ng	# 1
15) Benzyl Alcohol	6.99	79	10186	1.575	ng	# 38
19) n-Nitroso-di-n-propylamine	7.40	70	85633	16.185	ng	# 77
22) Acetophenone	7.26	105	123	0.011	ng	# 50
24) Nitrobenzene	7.40	77	1997	0.253	ng	# 31
25) Isophorone	7.40	82	615391	49.703	ng	# 63
31) Naphthalene	8.14	128	144	0.007	ng	# 67
37) 2-Methylnaphthalene	8.93	142	115	0.008	ng	# 15
38) 1-Methylnaphthalene	8.93	142	115	0.008	ng	# 7
46) 1,1'-Biphenyl	9.29	154	2218	0.109	ng	# 62
48) 2-Nitroaniline	9.58	65	1058	0.247	ng	# 1
49) Acenaphthylene	9.74	152	123	0.005	ng	# 59
50) Dimethylphthalate	9.59	163	107925	5.992	ng	# 98
51) 2,6-Dinitrotoluene	9.58	165	1035	0.257	ng	# 1
52) Acenaphthene	9.90	154	748	0.054	ng	# 91
53) 3-Nitroaniline	10.09	138	133	0.030	ng	# 8
55) Dibenzofuran	10.09	168	253	0.012	ng	# 46
56) 4-Nitrophenol	10.08	139	109	0.047	ng	# 12
57) 2,4-Dinitrotoluene	9.87	165	29350	5.715	ng	# 32
58) Fluorene	10.43	166	621	0.039	ng	# 92
60) Diethylphthalate	10.28	149	1104	0.062	ng	# 58
63) Azobenzene	10.57	77	360	0.023	ng	# 15
65) 4,6-Dinitro-2-methylphenol	10.67	198	688	0.265	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	9854	0.631	ng	# 45
67) 4-Bromophenyl-phenylether	10.67	248	18468	3.390	ng	# 1
71) Phenanthrene	11.39	178	18792	0.780	ng	# 96
72) Anthracene	11.44	178	6124	0.255	ng	# 96
73) Carbazole	11.61	167	1237	0.052	ng	# 59
74) Di-n-butylphthalate	11.91	149	1641	0.056	ng	# 77
75) Fluoranthene	12.58	202	51799	2.005	ng	# 99
77) Benzidine	12.95	184	20007	2.052	ng	# 95

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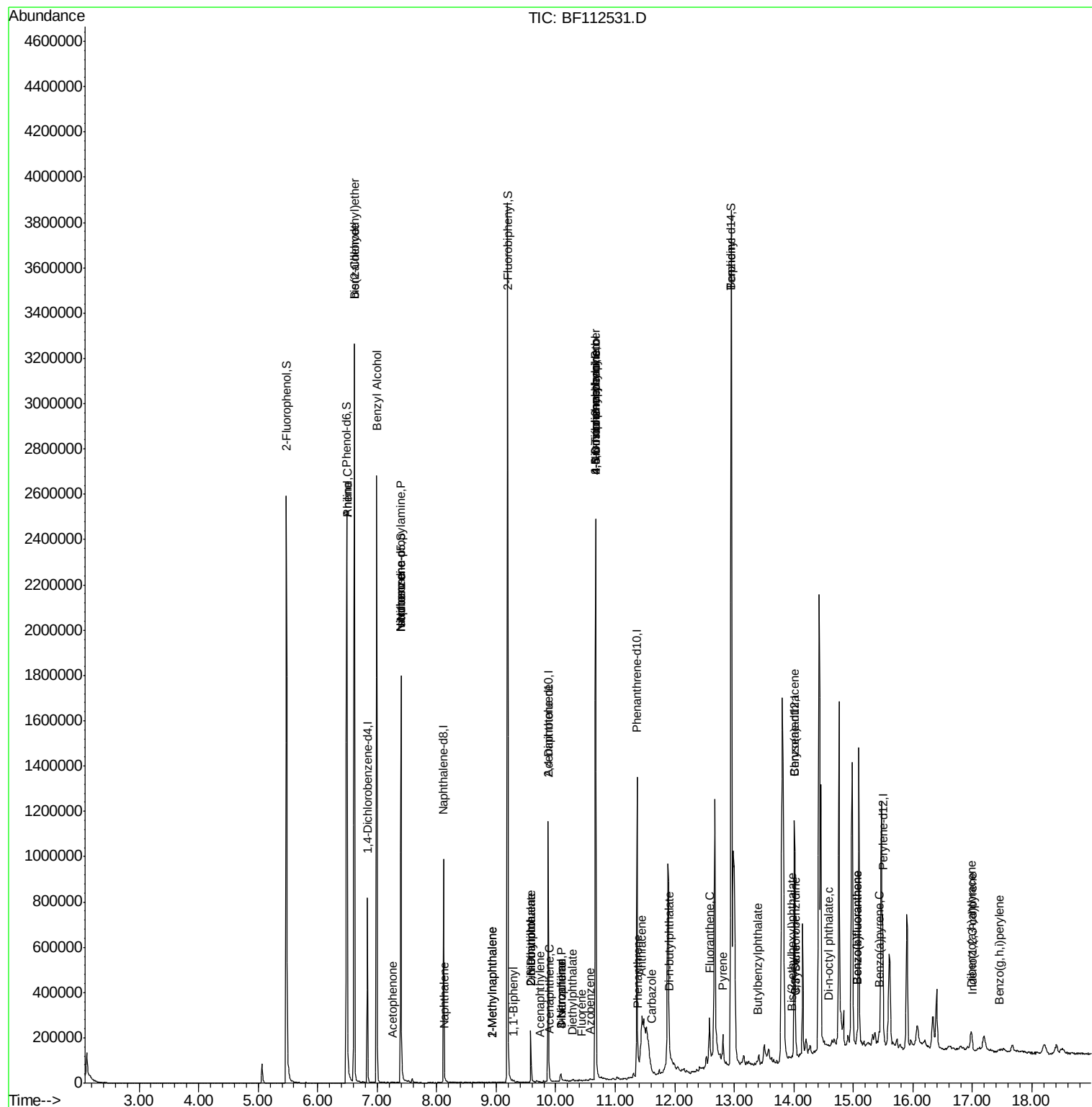
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.81	202	47551	1.938	ng	97
80) Butylbenzylphthalate	13.39	149	888	0.075	ng #	30
81) Benzo(a)anthracene	14.00	228	27096	1.301	ng	95
82) 3,3'-Dichlorobenzidine	14.03	252	235	0.030	ng #	1
83) Chrysene	14.04	228	21579	1.085	ng	94
84) Bis(2-ethylhexyl)phthalate	13.97	149	3518	0.209	ng #	94
85) Di-n-octyl phthalate	14.57	149	810	0.031	ng #	62
86) Indeno(1,2,3-cd)pyrene	17.00	276	10214	0.648	ng #	82
88) Benzo(b)fluoranthene	15.06	252	31994	2.065	ng #	87
89) Benzo(k)fluoranthene	15.06	252	31994	2.156	ng #	87
90) Benzo(a)pyrene	15.43	252	18863	1.353	ng #	87
91) Dibenzo(a,h)anthracene	16.99	278	3757	0.334	ng #	48
92) Benzo(g,h,i)perylene	17.46	276	9447	0.891	ng #	89

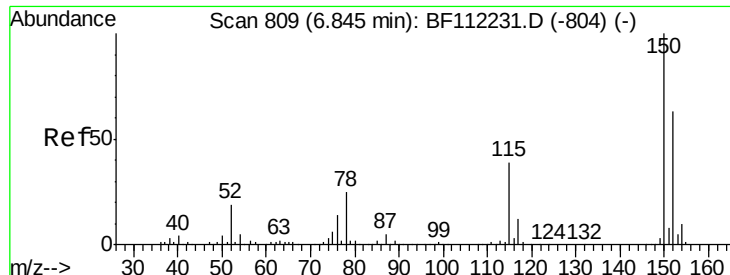
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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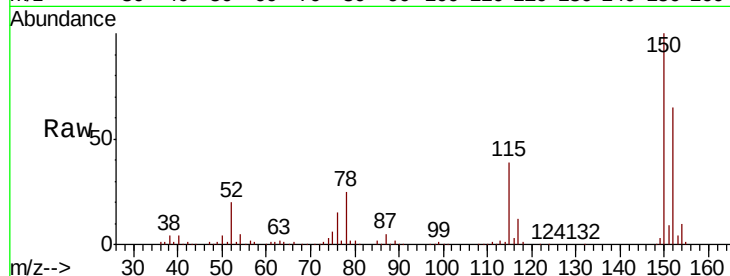


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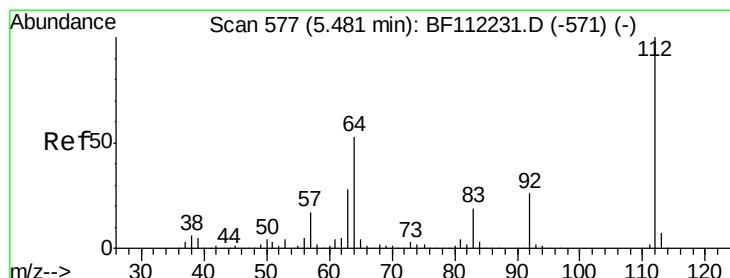
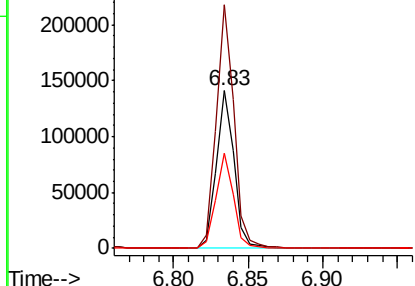
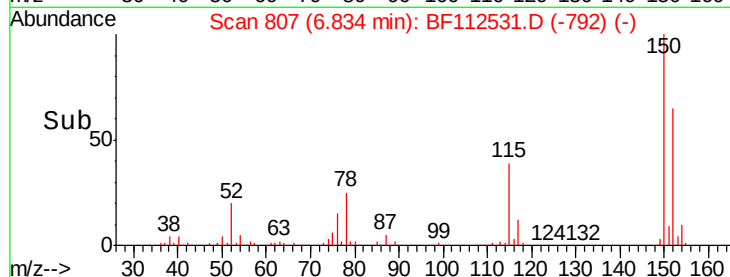
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:152 Resp: 117291
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 59.9 45.5 68.3



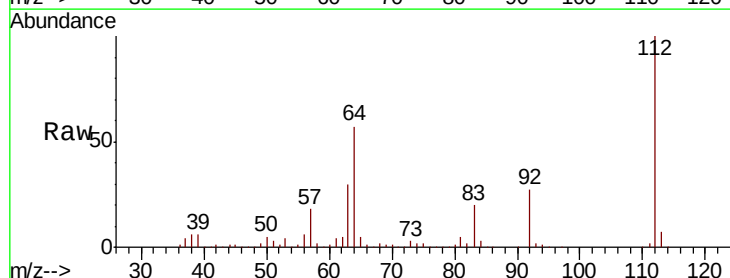
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



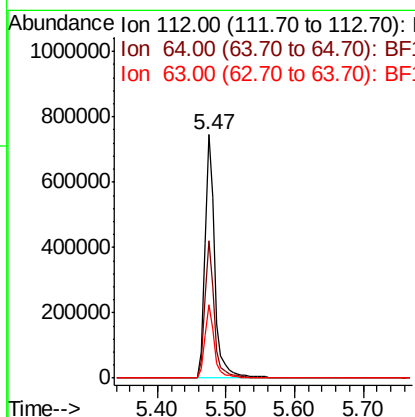
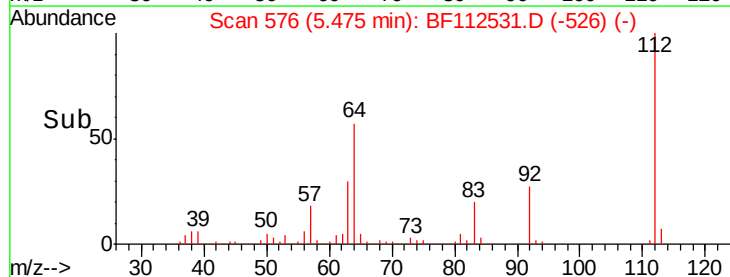
#5

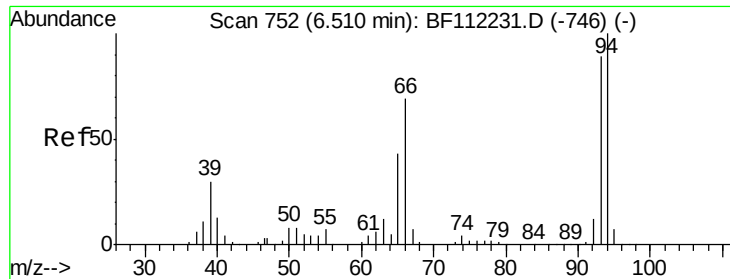
2-Fluorophenol
Concen: 140.532 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion:112 Resp: 776018
Ion Ratio Lower Upper
112 100
64 56.6 45.7 68.5
63 30.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.035 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

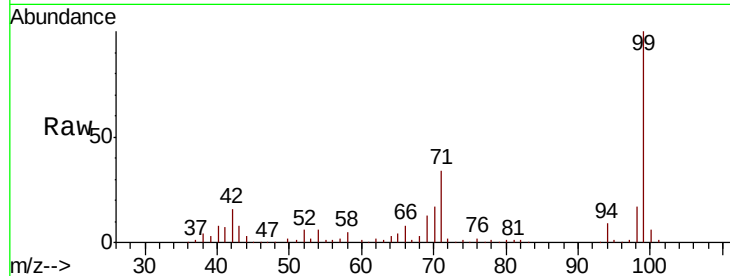
Tgt Ion: 93 Resp: 317

Ion Ratio Lower Upper

93 100

66 2439.2 43.4 65.2#

65 1127.8 25.3 37.9#

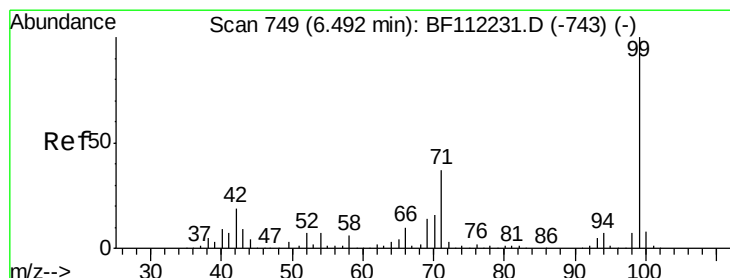
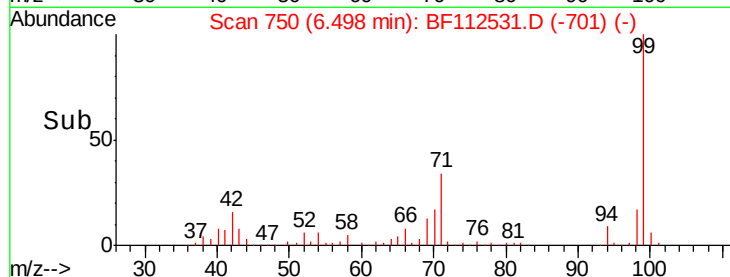
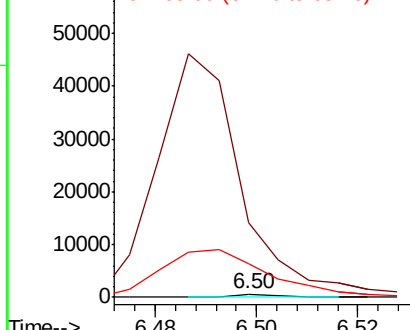


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 127.697 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

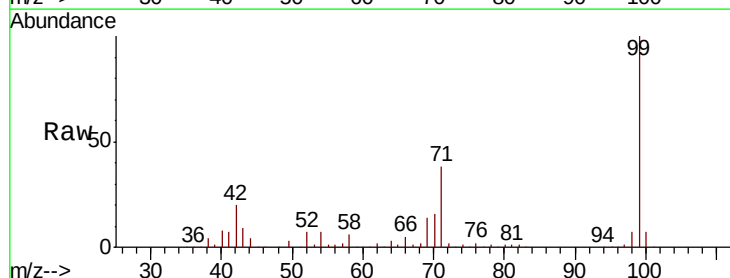
Tgt Ion: 99 Resp: 979832

Ion Ratio Lower Upper

99 100

42 19.7 15.1 22.7

71 38.0 26.9 40.3

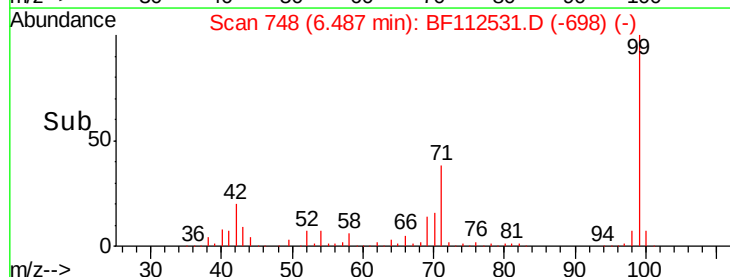
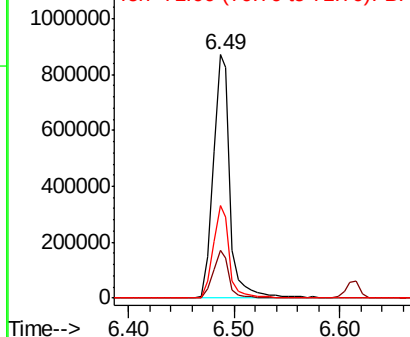


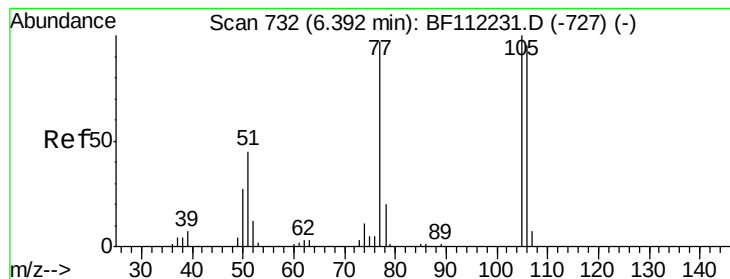
Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 4.870 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.22 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampled :

TP-1-S

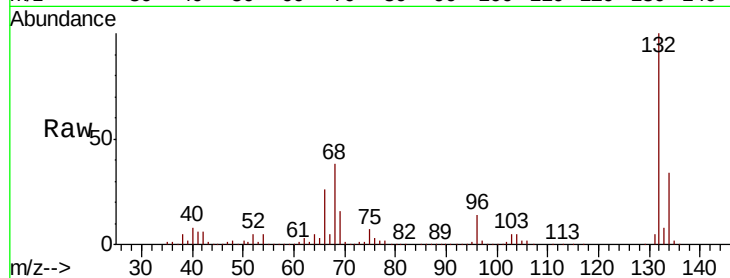
Tgt Ion: 77 Resp: 19533

Ion Ratio Lower Upper

77 100

105 82.8 80.8 120.8

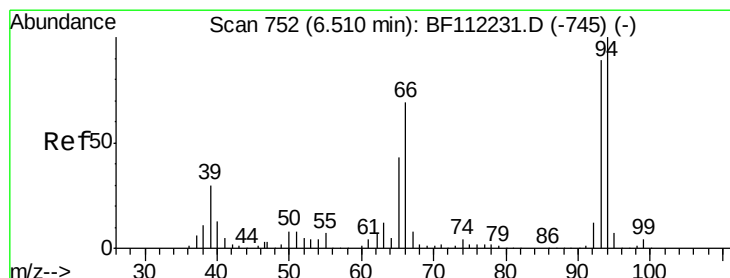
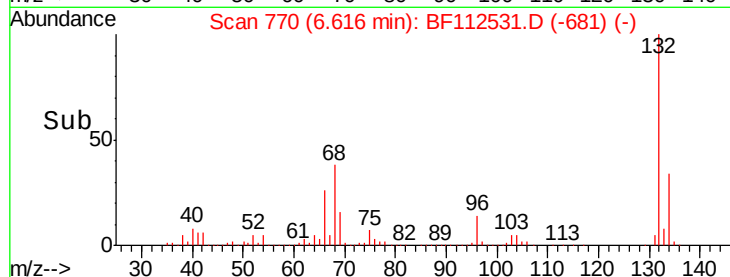
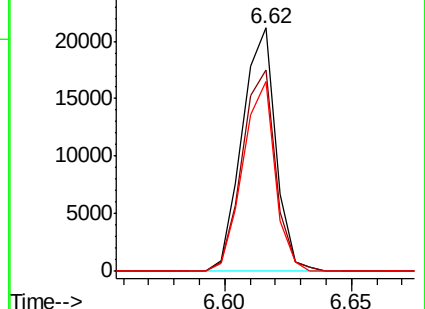
106 77.8 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 1.774 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

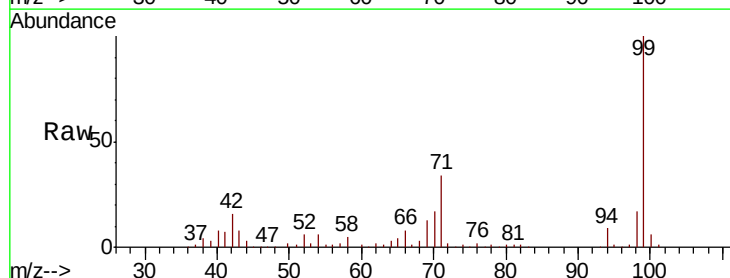
Tgt Ion: 94 Resp: 14938

Ion Ratio Lower Upper

94 100

65 41.7 20.3 60.3

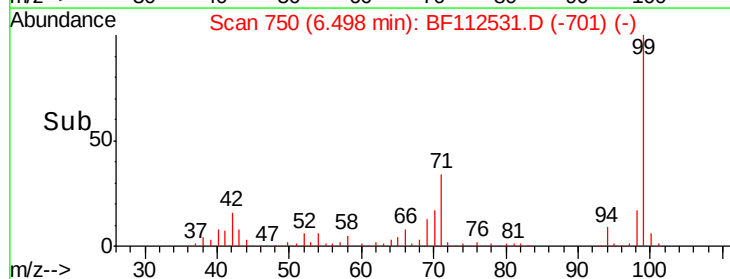
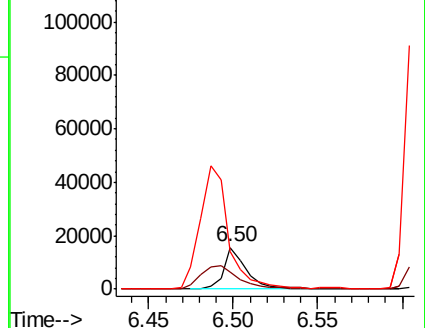
66 90.1 42.4 82.4#

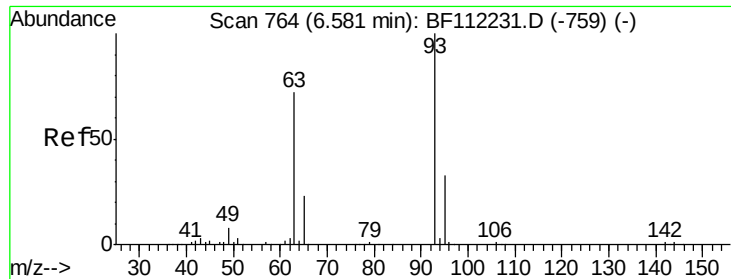


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

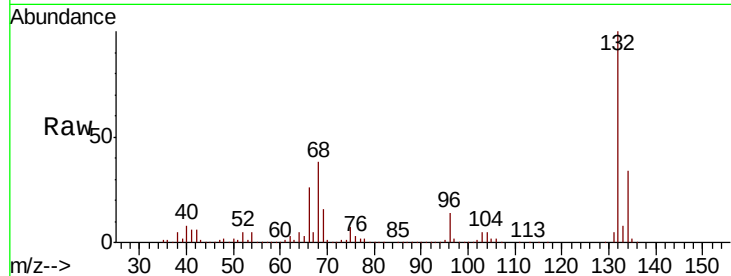




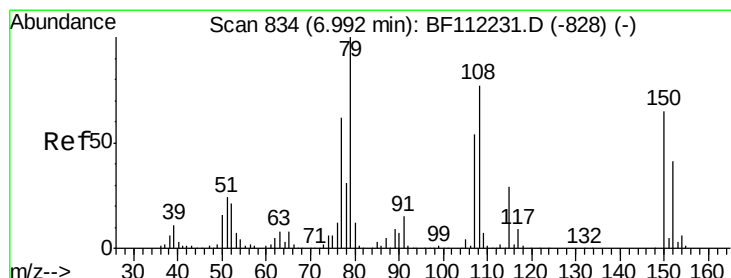
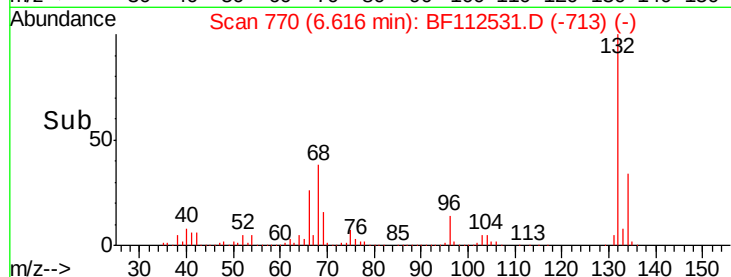
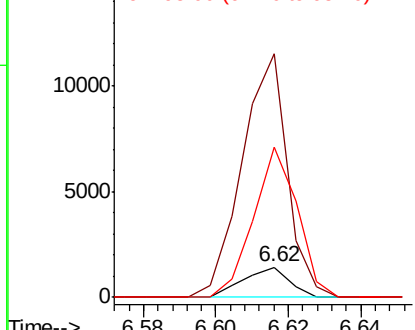
#11
bis(2-Chloroethyl)ether
Concen: 0.190 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.04 min
Lab File: BF112531.D
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Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 93 Resp: 1261
Ion Ratio Lower Upper
93 100
63 805.5 53.3 93.3#
95 495.9 13.4 53.4#

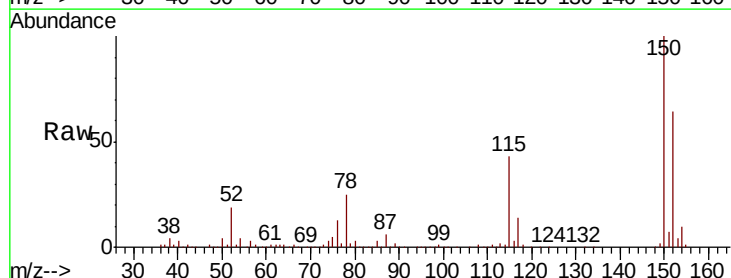


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

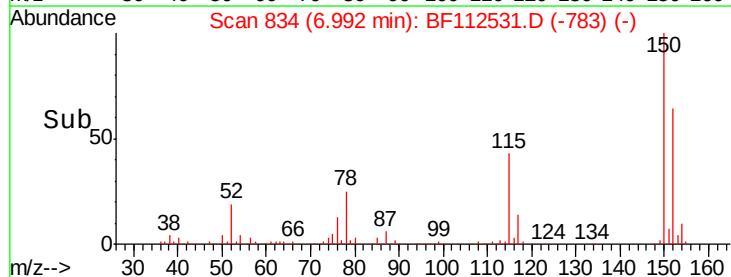
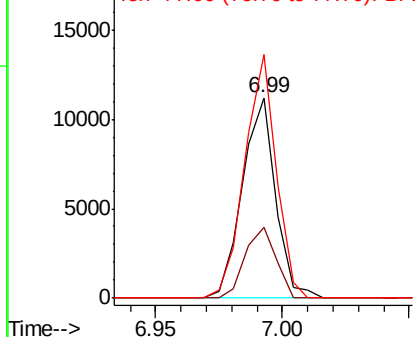


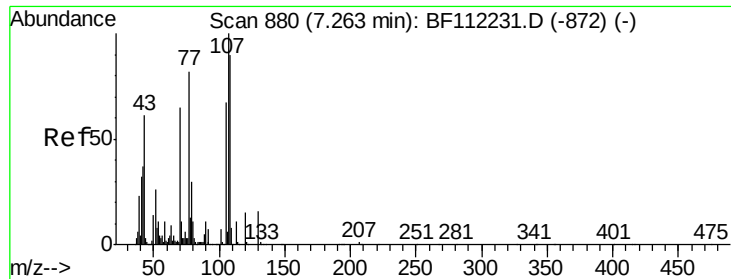
#15
Benzyl Alcohol
Concen: 1.575 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion: 79 Resp: 10186
Ion Ratio Lower Upper
79 100
108 35.0 64.2 96.2#
77 121.4 50.3 75.5#



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

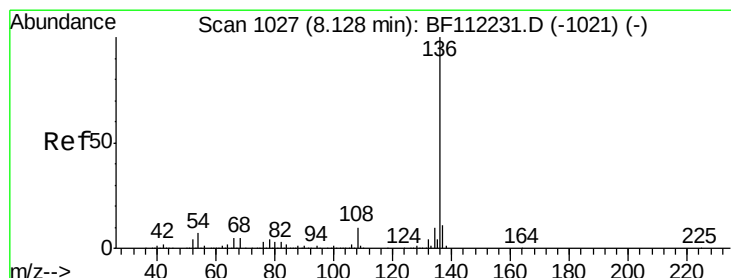
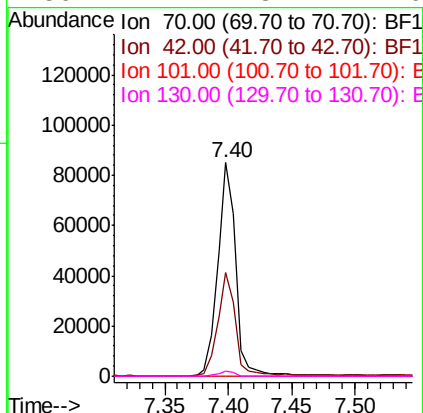
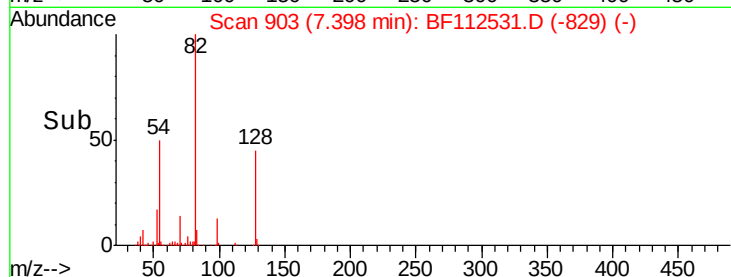
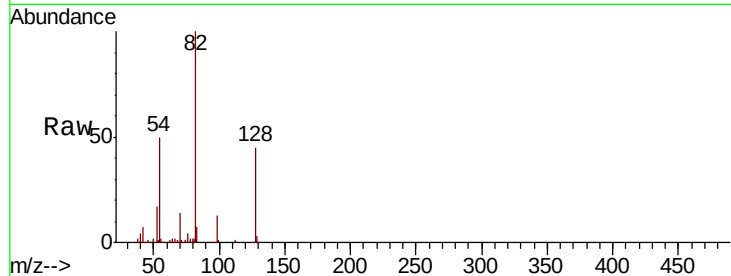




#19
n-Nitroso-di-n-propylamine
Concen: 16.185 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

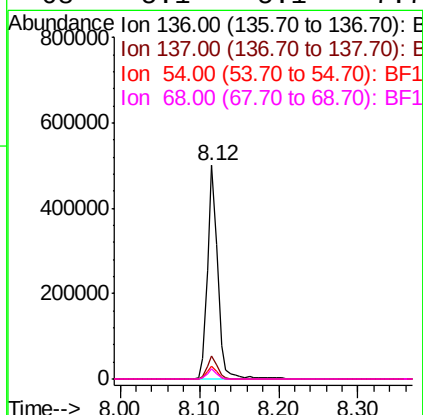
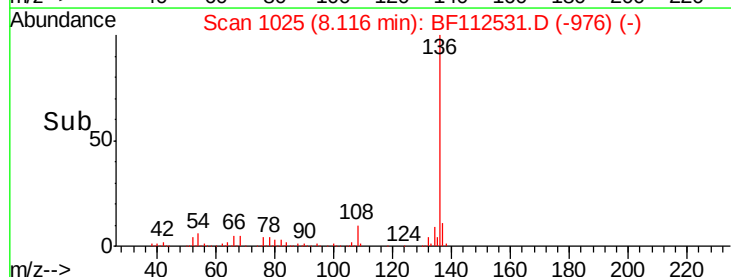
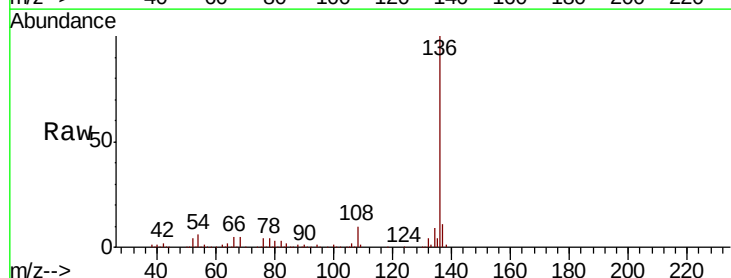
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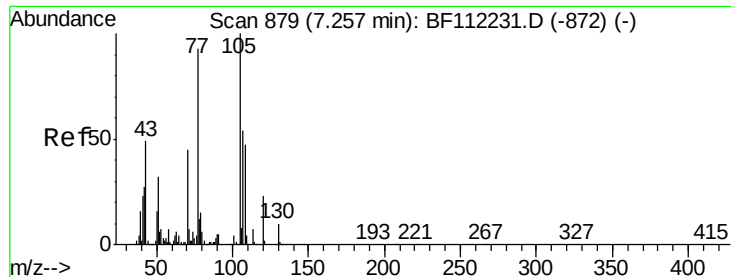
Tgt Ion: 70 Resp: 85633
Ion Ratio Lower Upper
70 100
42 48.6 47.6 71.4
101 0.0 7.9 11.9#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion: 136 Resp: 454758
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.0 5.9 8.9
68 5.1 5.1 7.7#





#22

Acetophenone

Concen: 0.011 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

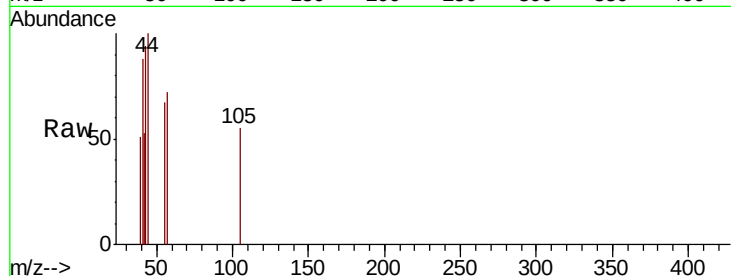
Instrument :

BNA_F

ClientSampleId :

TP-1-S

Tgt Ion:	105	Resp:	123
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.6	6.8#
51	0.0	25.0	37.6#
120	0.0	19.0	28.4#

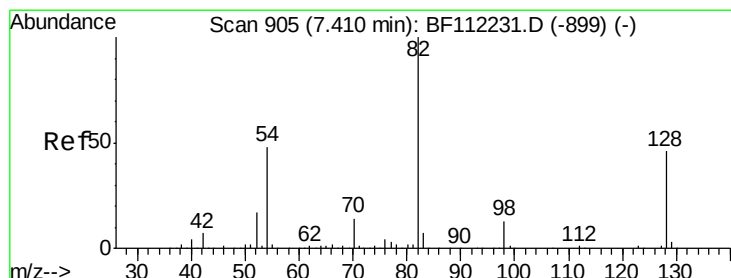
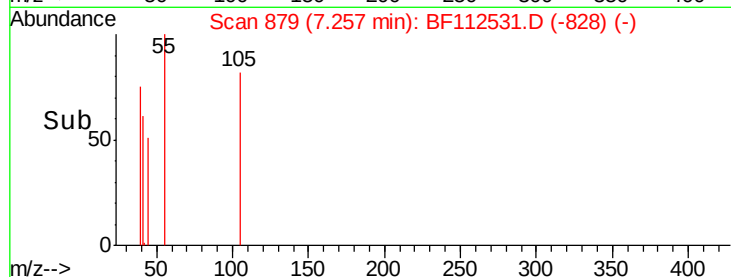
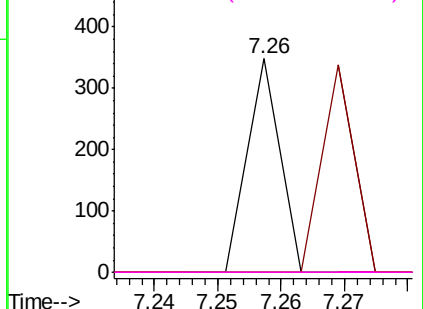


Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.974 ng

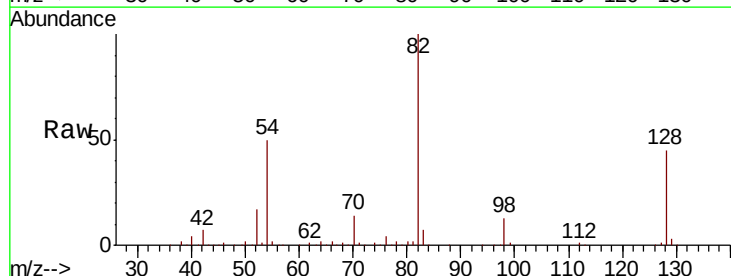
RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

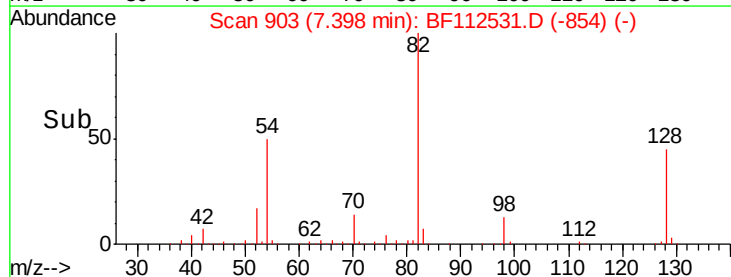
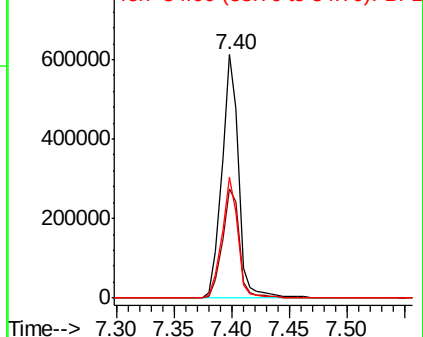
Tgt Ion:	82	Resp:	615399
Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.8	56.8
54	49.7	39.7	59.5

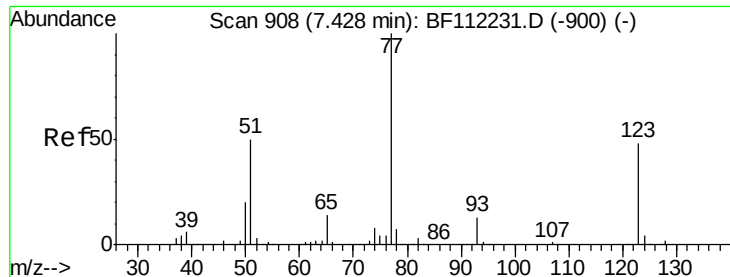


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

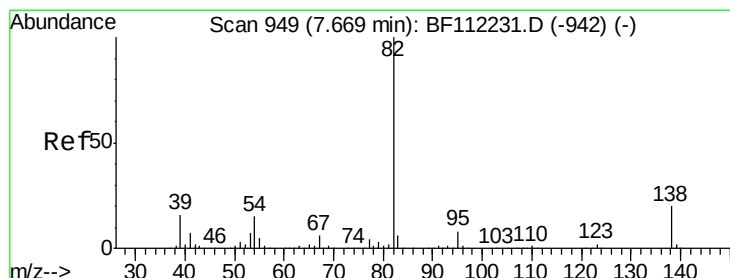
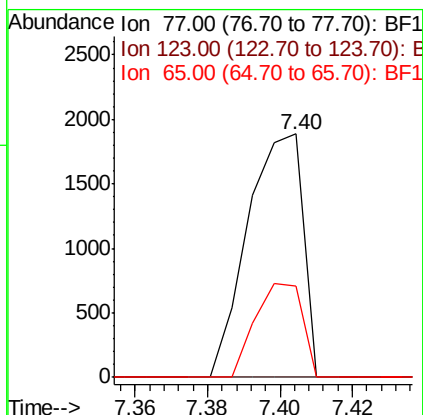
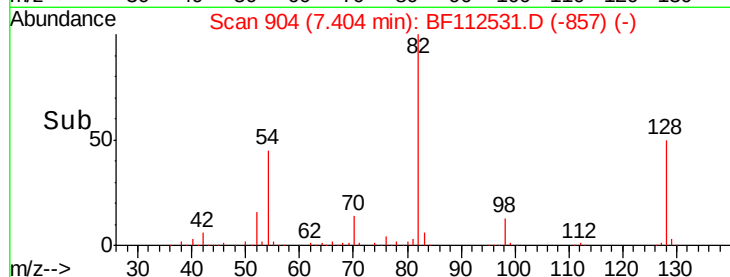
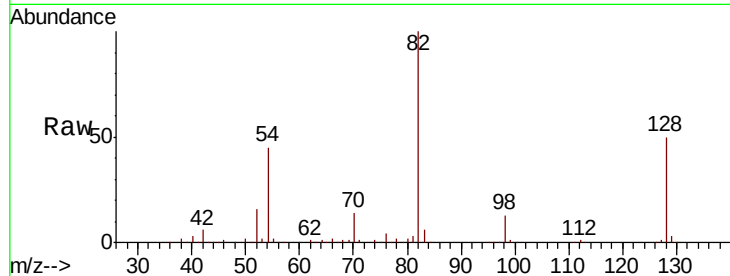




#24
 Nitrobenzene
 Concen: 0.253 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

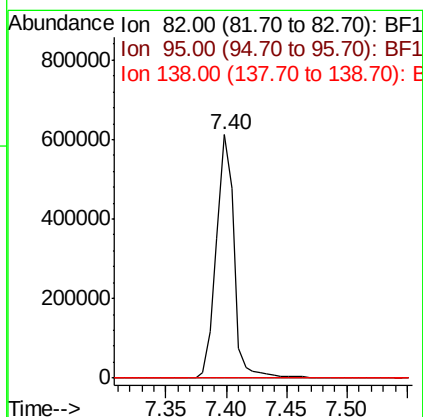
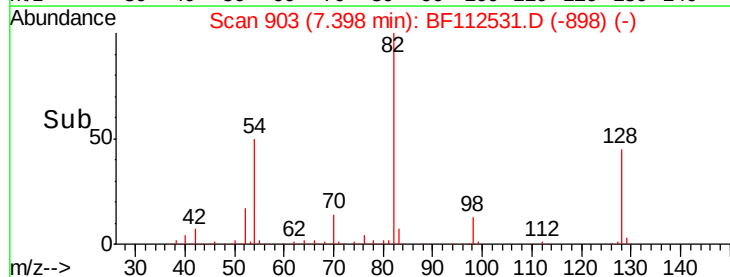
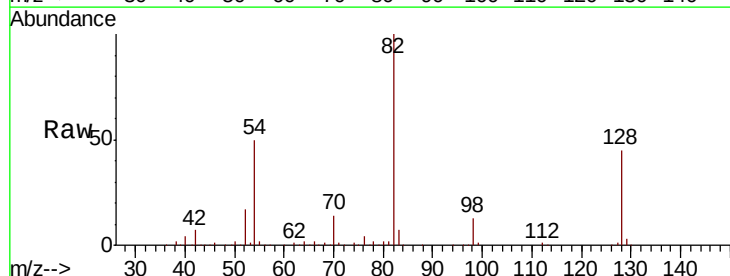
Instrument :
 BNA_F
 ClientSampleID :
 TP-1-S

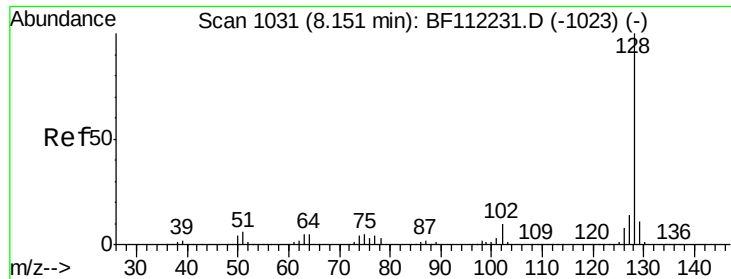
Tgt Ion: 77 Resp: 1997
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.4 57.6#
 65 37.3 10.6 15.8#



#25
 Isophorone
 Concen: 49.703 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Tgt Ion: 82 Resp: 615391
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 15.4 23.0#

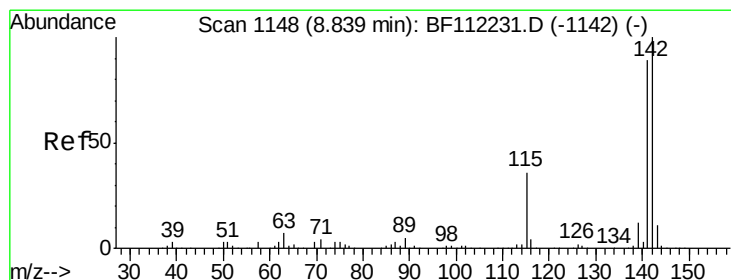
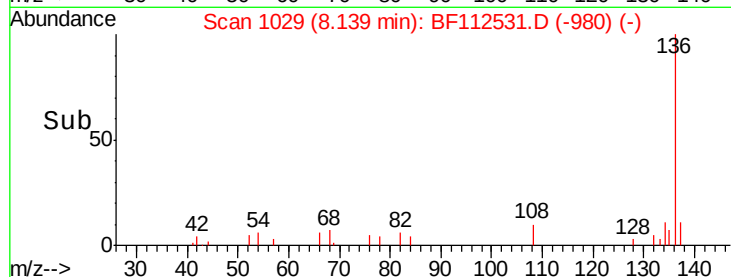
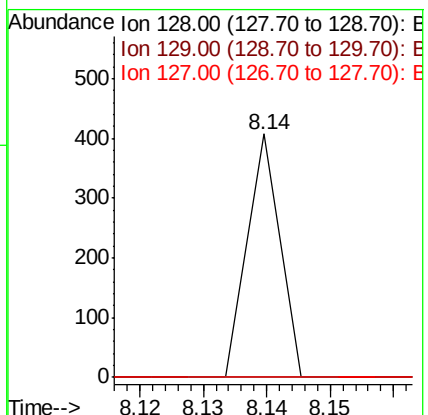
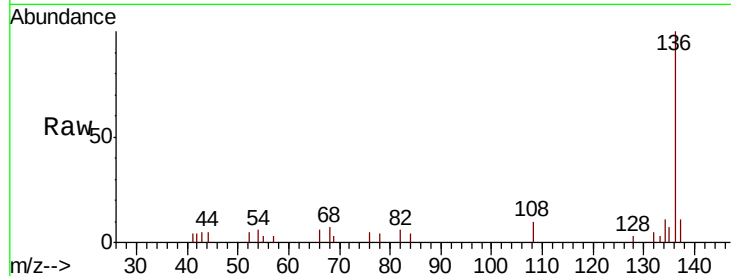




#31
Naphthalene
Concen: 0.007 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

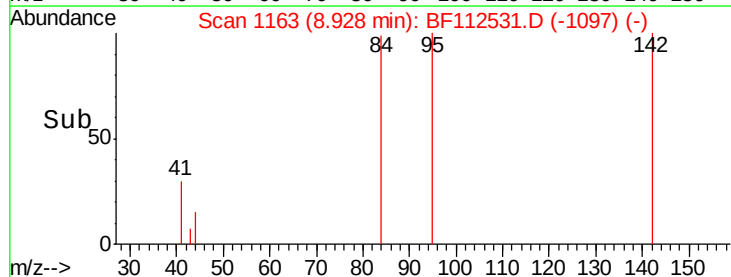
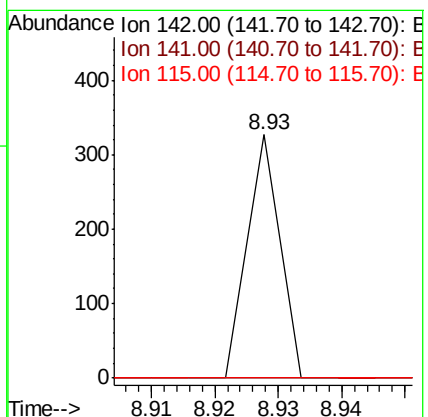
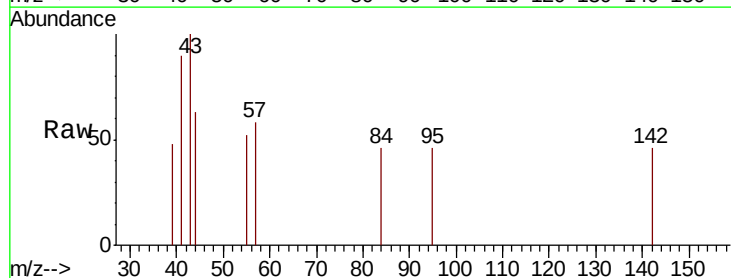
Instrument :
BNA_F
ClientSampleId :
TP-1-S

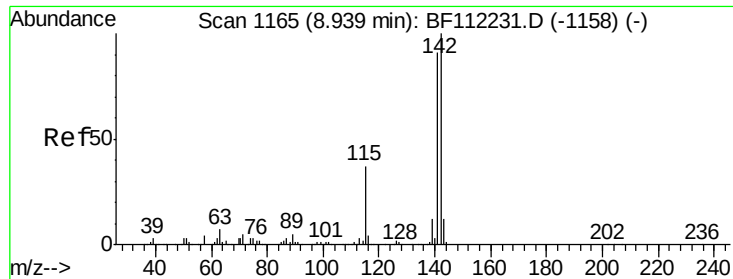
Tgt Ion:128 Resp: 144
Ion Ratio Lower Upper
128 100
129 0.0 9.6 14.4#
127 0.0 11.1 16.7#



#37
2-Methylnaphthalene
Concen: 0.008 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.09 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion:142 Resp: 115
Ion Ratio Lower Upper
142 100
141 0.0 70.9 106.3#
115 0.0 24.9 37.3#

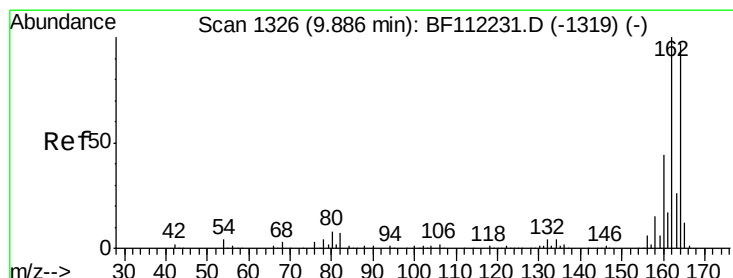
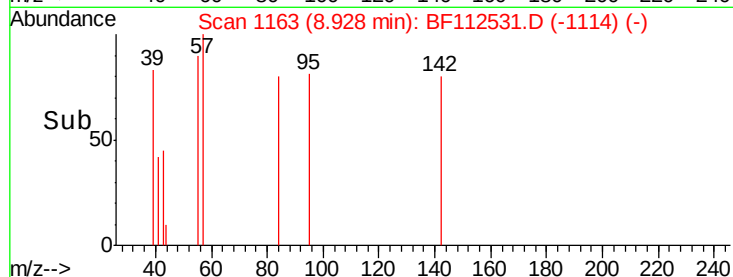
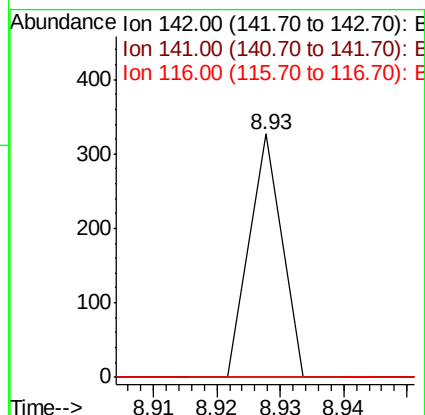
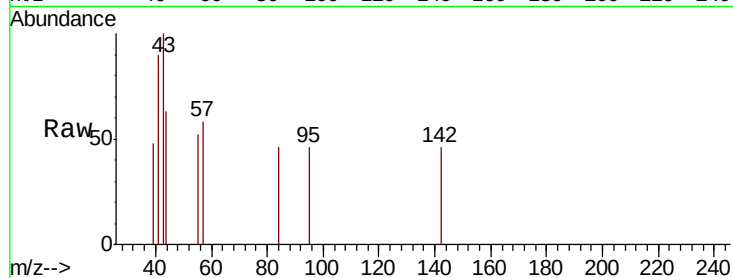




#38
 1-Methylnaphthalene
 Concen: 0.008 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

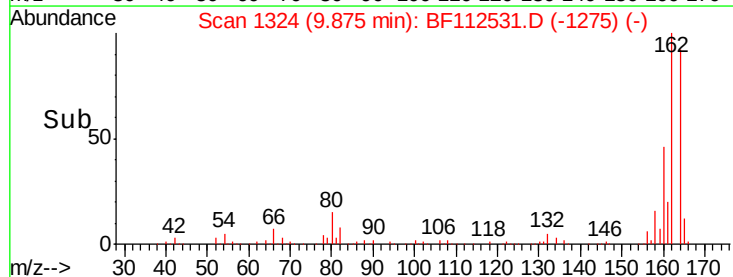
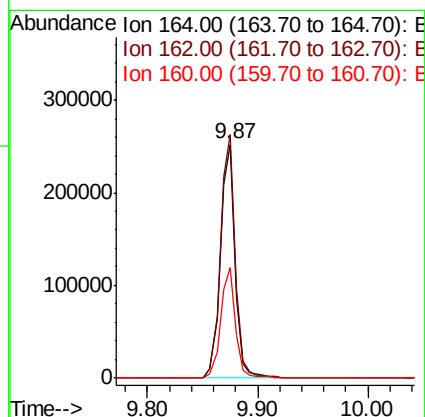
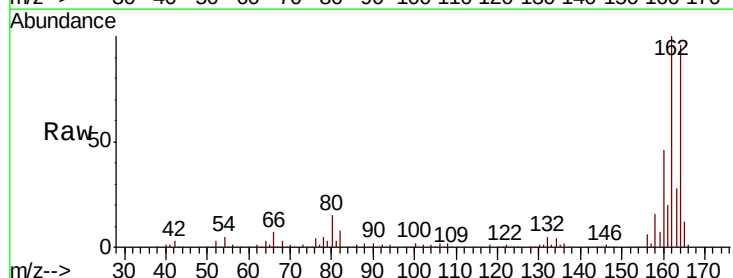
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

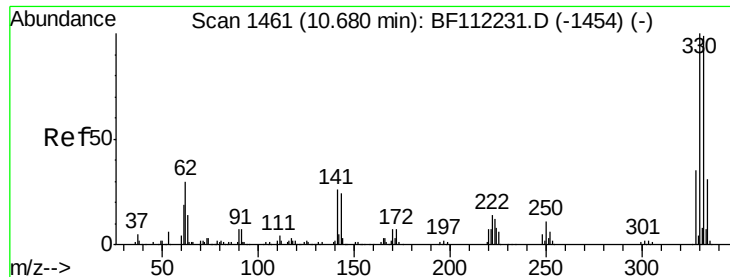
Tgt Ion:142 Resp: 115
 Ion Ratio Lower Upper
 142 100
 141 0.0 72.6 108.8#
 116 0.0 2.8 4.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Tgt Ion:164 Resp: 231814
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.2 123.4
 160 47.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 116.725 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

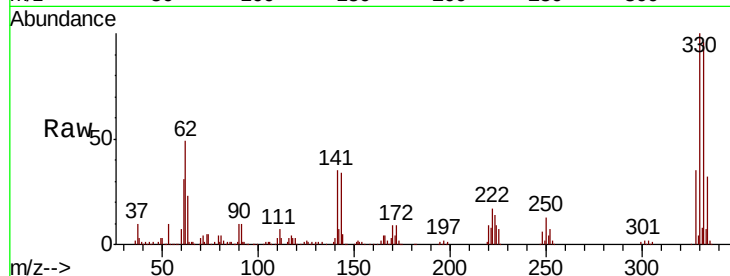
Tgt Ion:330 Resp: 314954

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

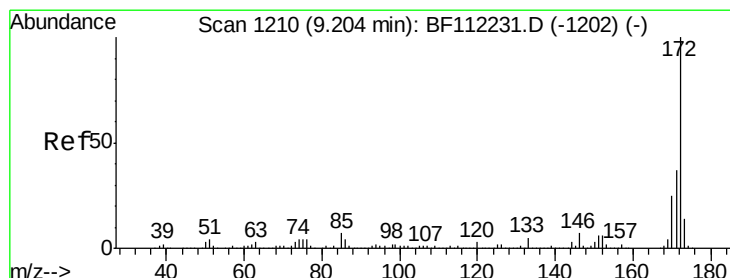
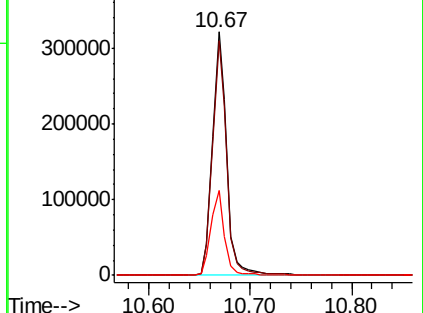
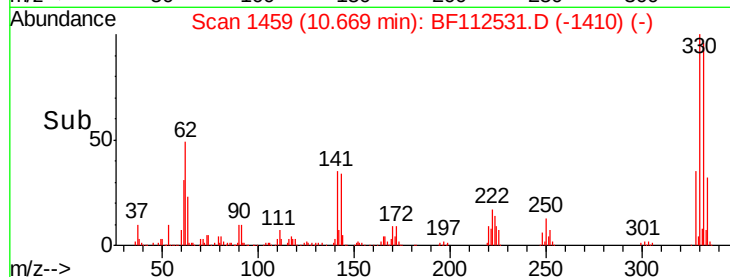
141 34.3 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 73.216 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

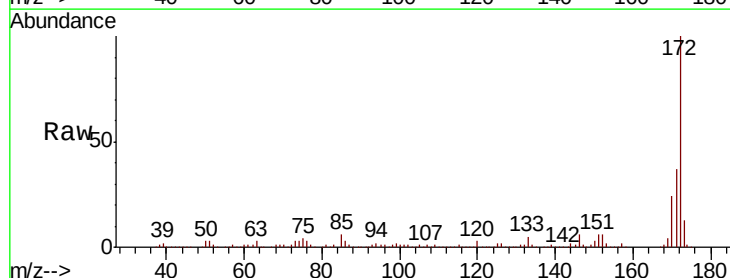
Tgt Ion:172 Resp: 1200035

Ion Ratio Lower Upper

172 100

171 36.5 30.5 45.7

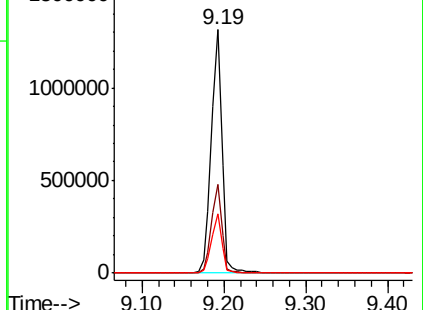
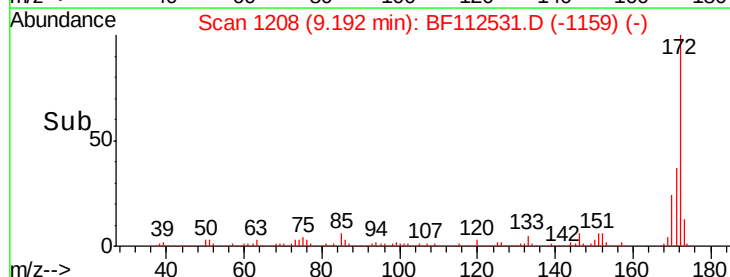
170 24.2 20.2 30.4

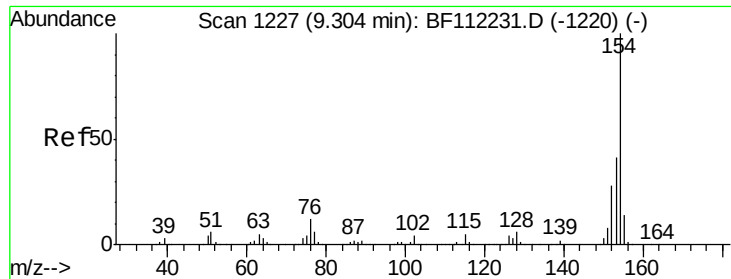


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

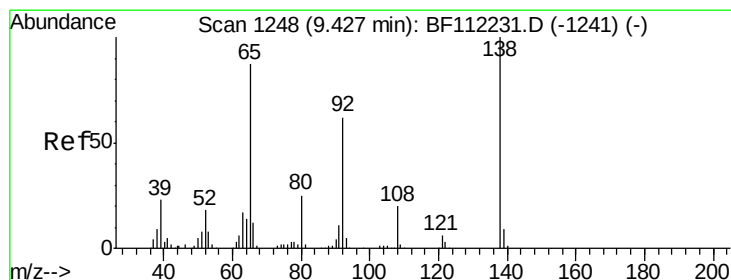
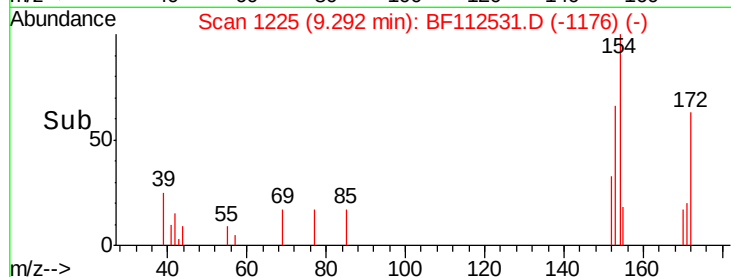
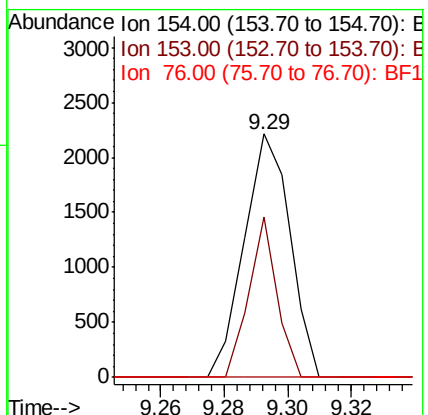
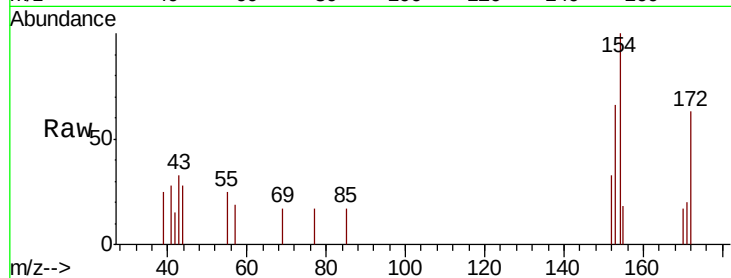




#46
 1,1'-Biphenyl
 Concen: 0.109 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

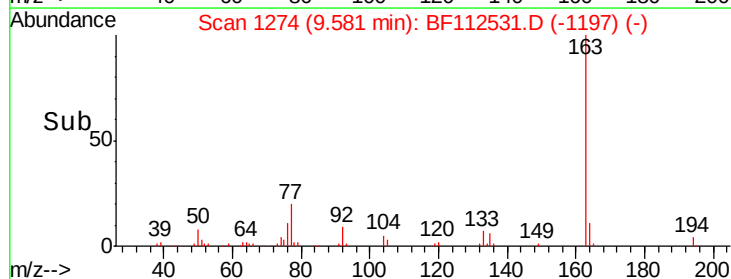
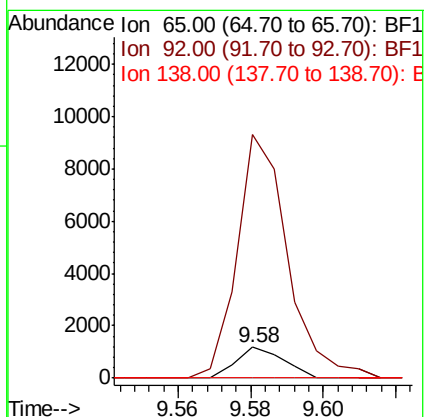
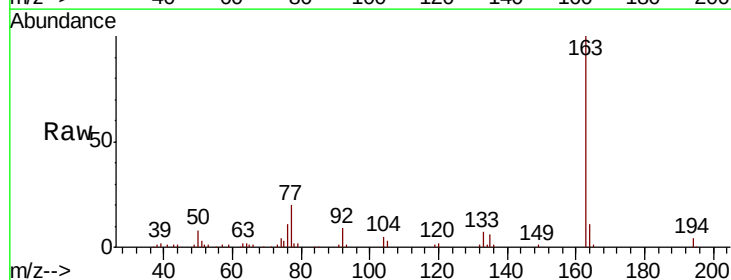
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

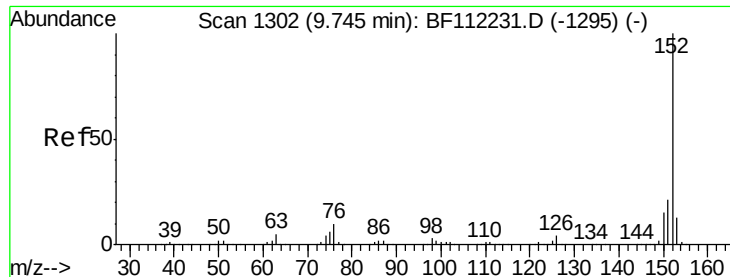
Tgt Ion: 154 Resp: 2218
 Ion Ratio Lower Upper
 154 100
 153 66.0 21.5 61.5#
 76 0.0 0.0 33.1



#48
 2-Nitroaniline
 Concen: 0.247 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. 0.15 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Tgt Ion: 65 Resp: 1058
 Ion Ratio Lower Upper
 65 100
 92 795.8 60.4 90.6#
 138 0.0 104.4 156.6#





#49

Acenaphthylene

Concen: 0.005 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

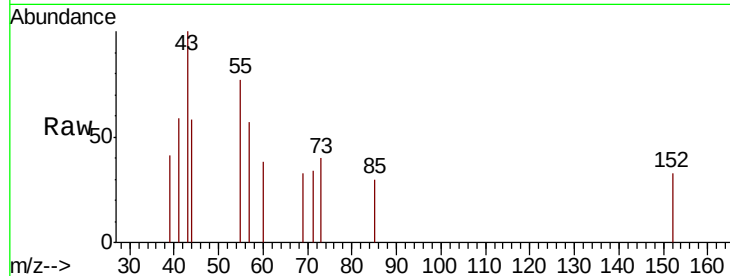
Tgt Ion:152 Resp: 123

Ion Ratio Lower Upper

152 100

151 0.0 17.0 25.6#

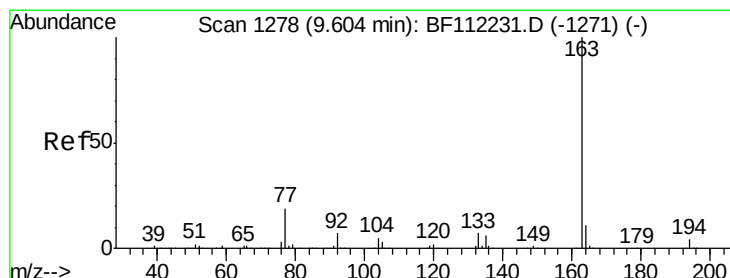
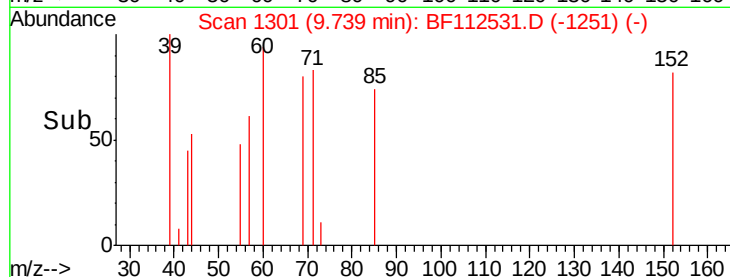
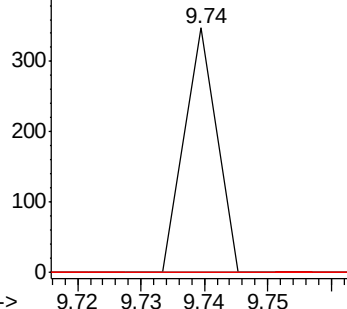
153 0.0 11.2 16.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 5.992 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

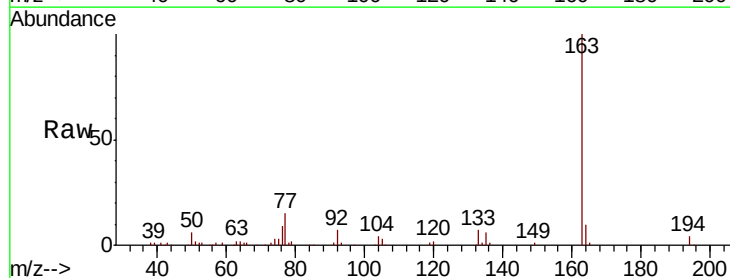
Tgt Ion:163 Resp: 107925

Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

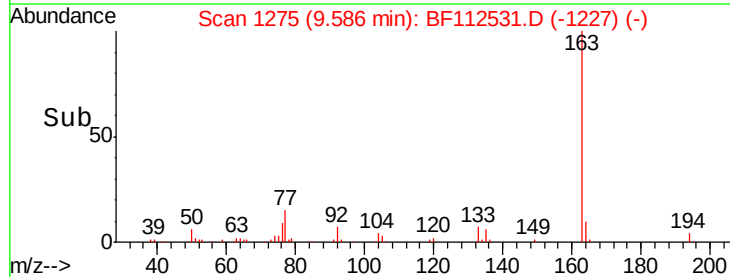
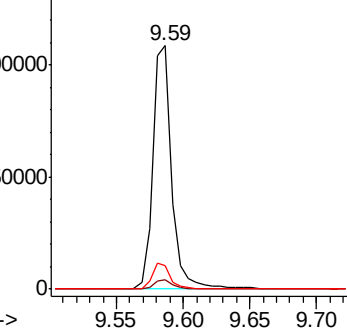
164 9.8 8.5 12.7

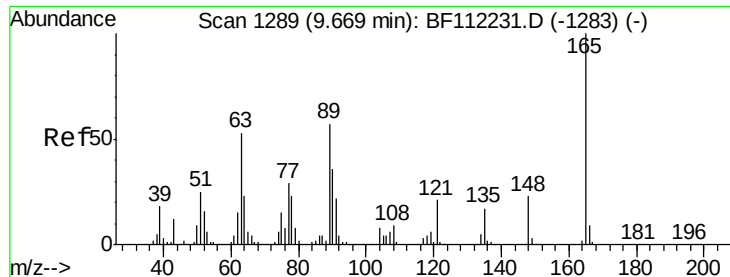


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.257 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.09 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

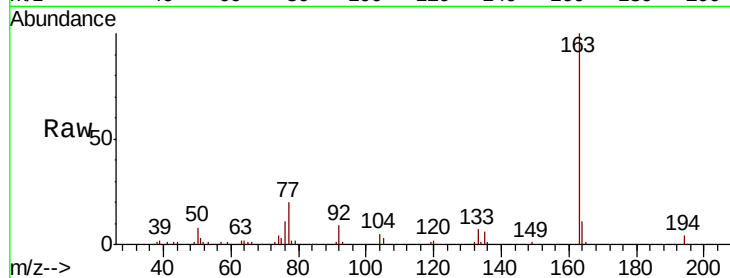
Tgt Ion:165 Resp: 1035

Ion Ratio Lower Upper

165 100

63 149.6 33.8 50.8#

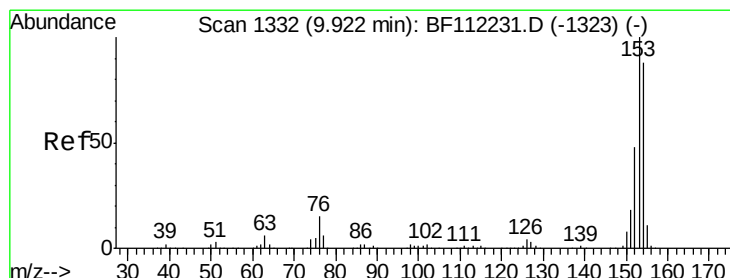
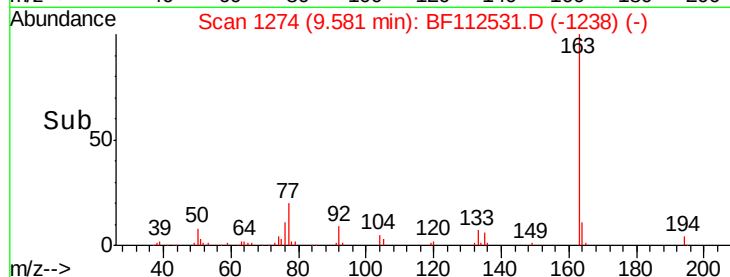
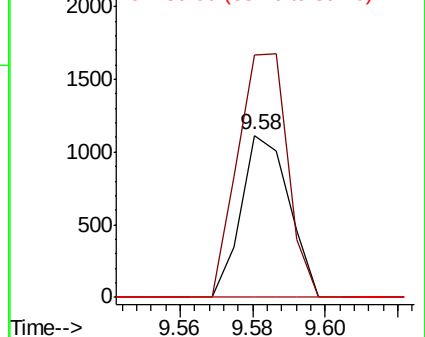
89 0.0 36.9 55.3#



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: 0.054 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

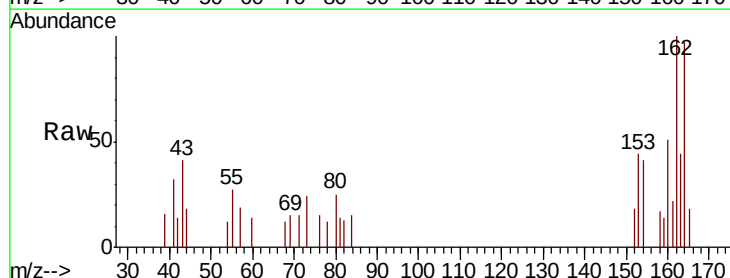
Tgt Ion:154 Resp: 748

Ion Ratio Lower Upper

154 100

153 105.8 89.8 134.6

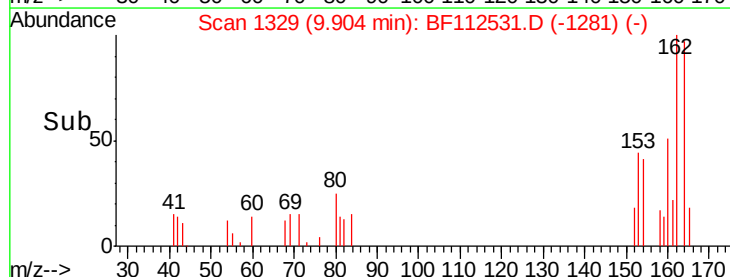
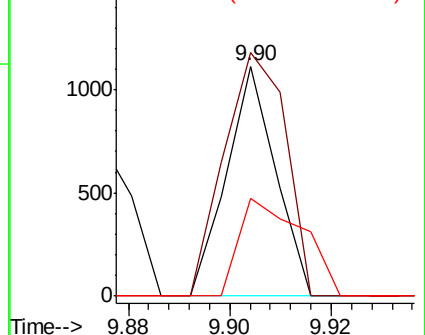
152 42.6 43.5 65.3#

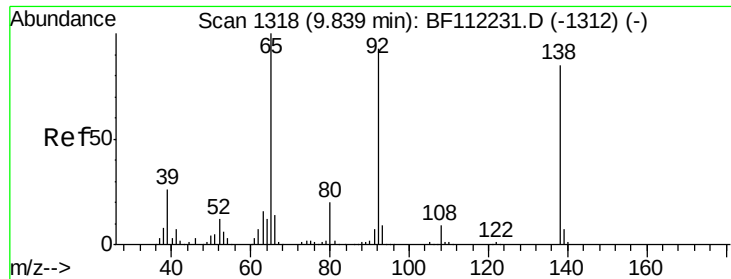


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

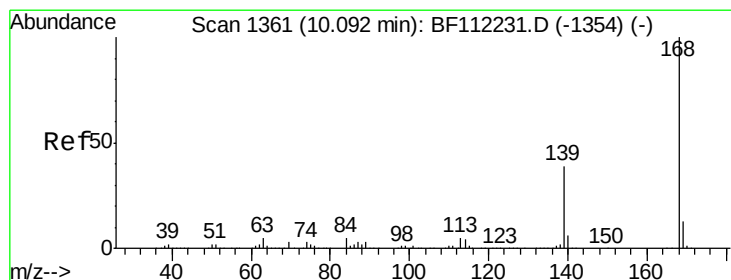
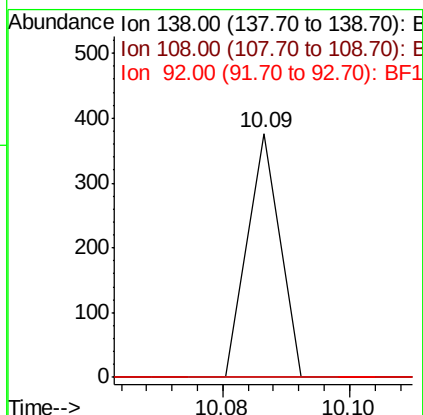
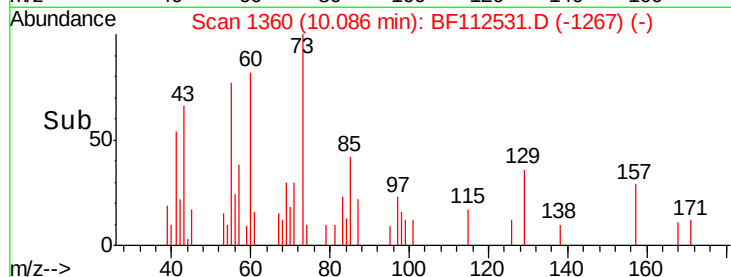
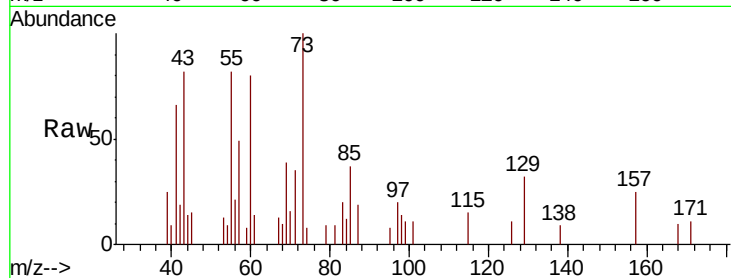




#53
3-Nitroaniline
Concen: 0.030 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.25 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

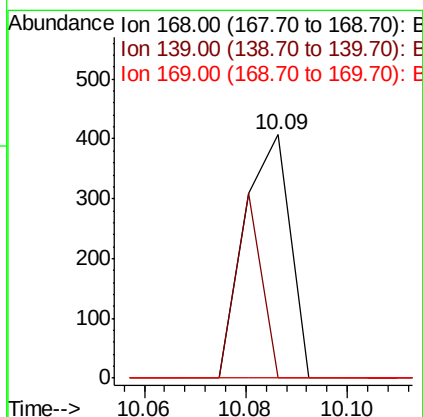
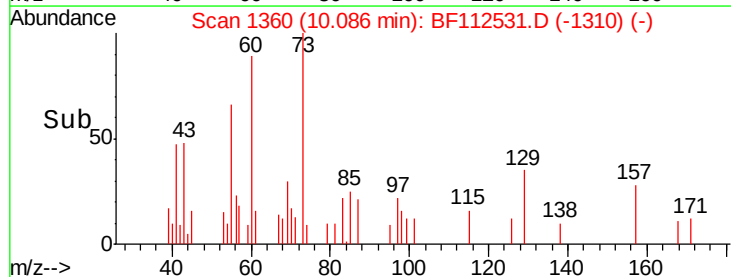
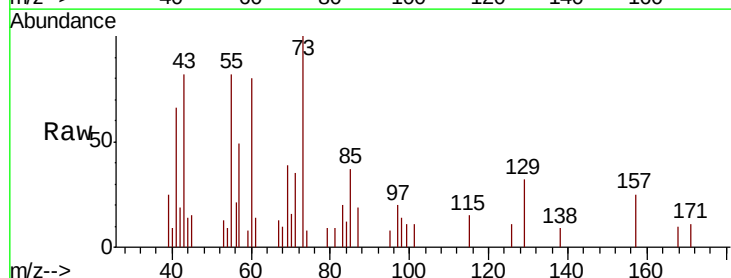
Instrument :
BNA_F
ClientSampleId :
TP-1-S

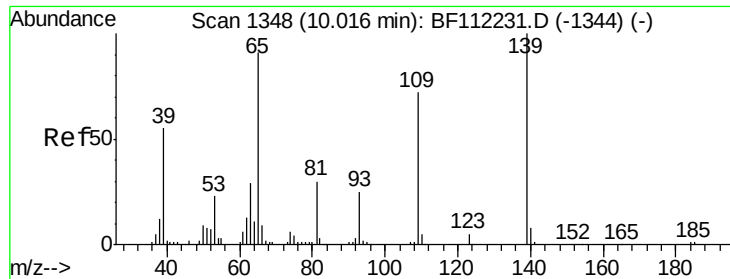
Tgt Ion:138 Resp: 133
Ion Ratio Lower Upper
138 100
108 0.0 9.8 14.6#
92 0.0 79.4 119.2#



#55
Dibenzofuran
Concen: 0.012 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion:168 Resp: 253
Ion Ratio Lower Upper
168 100
139 0.0 29.2 43.8#
169 0.0 11.4 17.0#





#56

4-Nitrophenol

Concen: 0.047 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.06 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

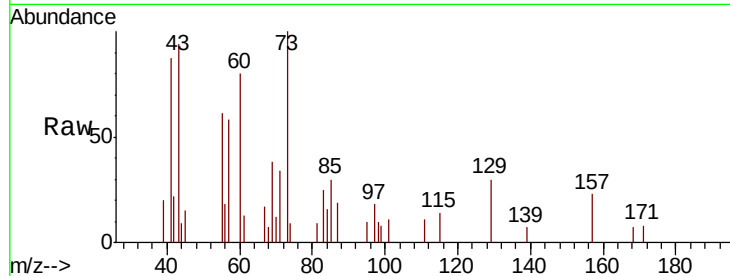
Instrument :

BNA_F

ClientSampleId :

TP-1-S

Tgt Ion:	139	Resp:	109
Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#

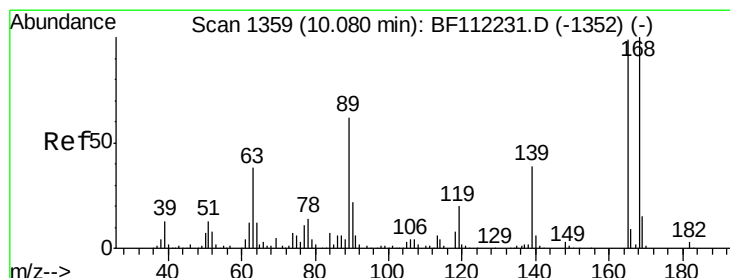
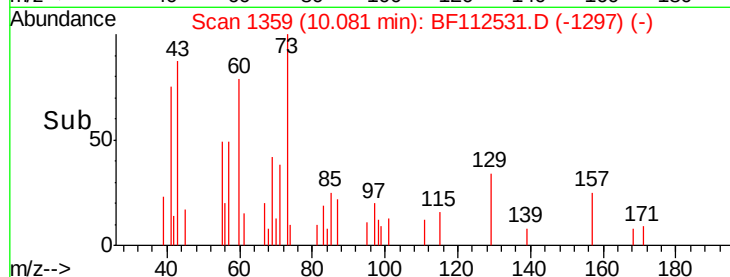
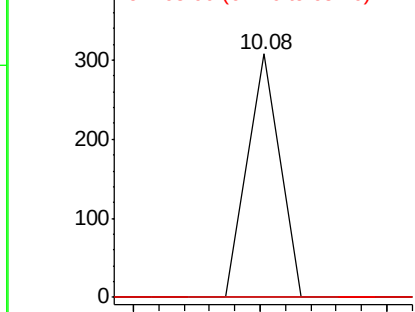


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 5.715 ng

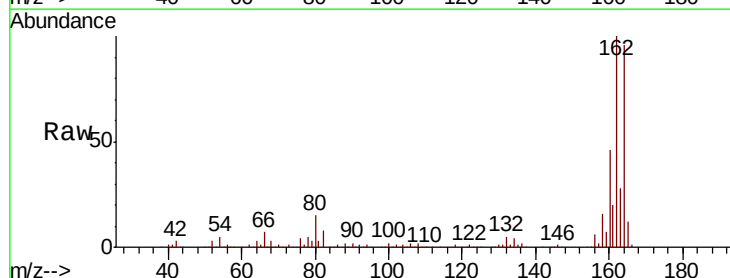
RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Tgt Ion:	165	Resp:	29350
Ion	Ratio	Lower	Upper
165	100		
63	1.9	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#



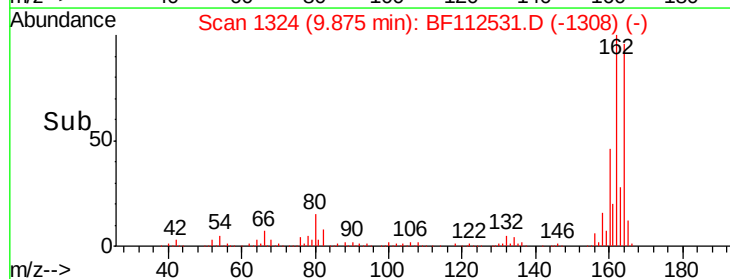
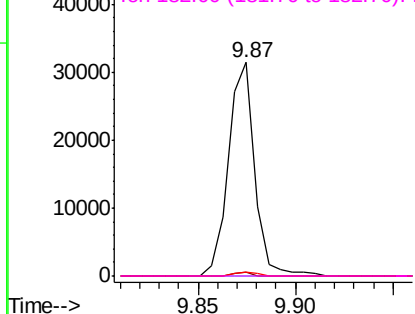
Abundance

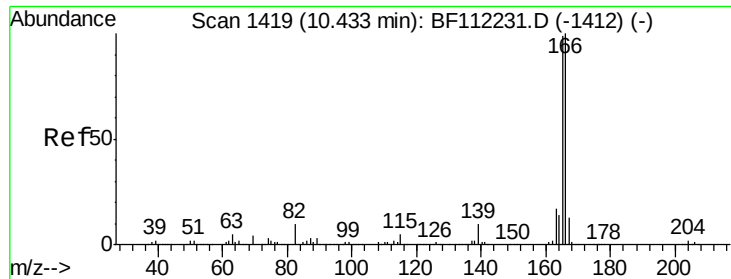
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.039 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

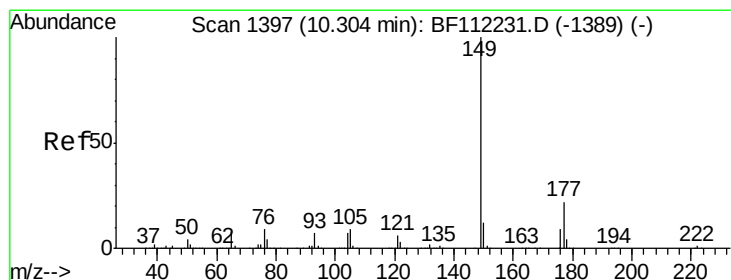
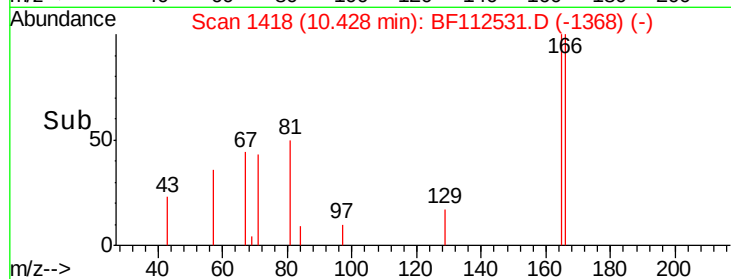
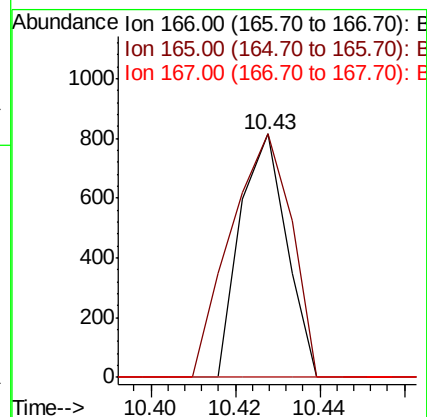
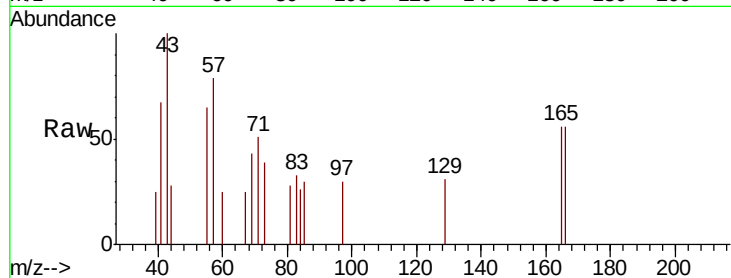
Tgt Ion:166 Resp: 621

Ion Ratio Lower Upper

166 100

165 100.0 77.1 115.7

167 0.0 11.3 16.9#



#60

Diethylphthalate

Concen: 0.062 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.02 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

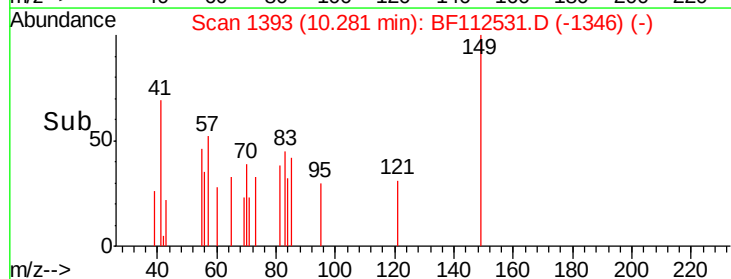
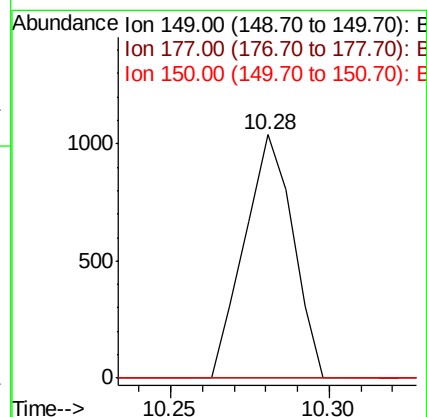
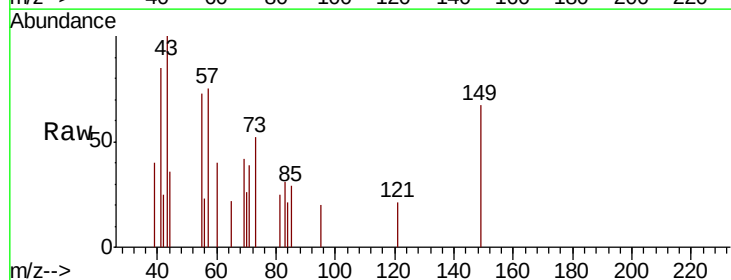
Tgt Ion:149 Resp: 1104

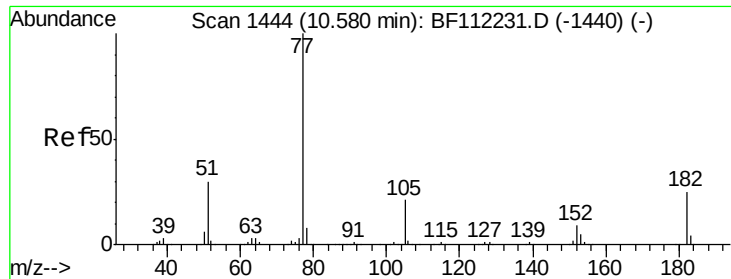
Ion Ratio Lower Upper

149 100

177 0.0 18.2 27.2#

150 0.0 10.4 15.6#





#63

Azobenzene

Concen: 0.023 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampled :

TP-1-S

Tgt Ion: 77 Resp: 360

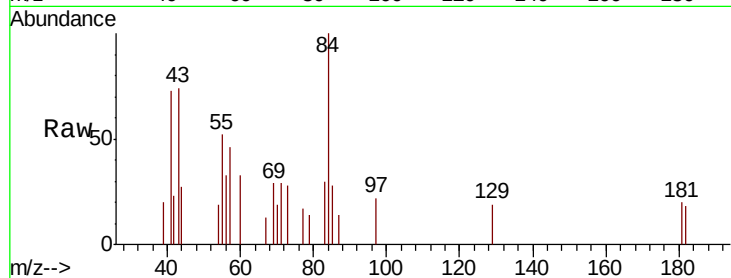
Ion Ratio Lower Upper

77 100

182 103.8 5.7 45.7#

105 0.0 1.4 41.4#

51 0.0 9.5 49.5#

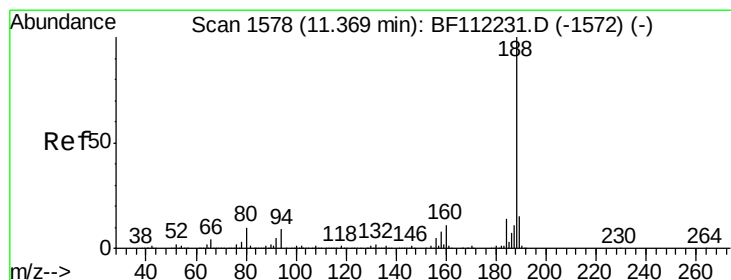
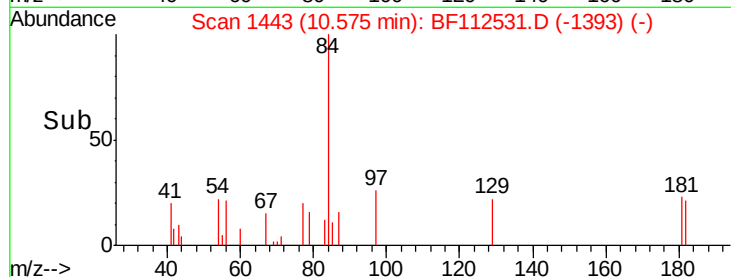
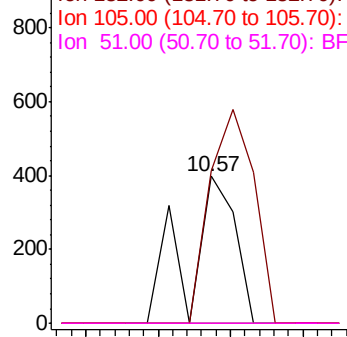


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

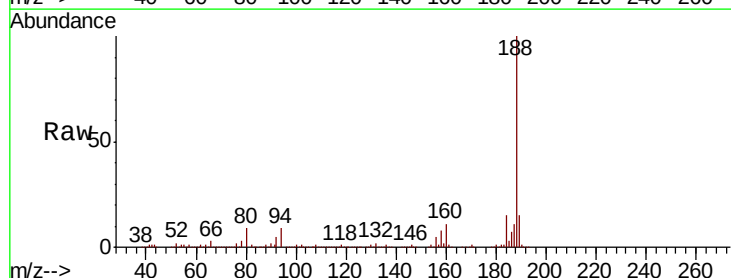
Tgt Ion: 188 Resp: 463255

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

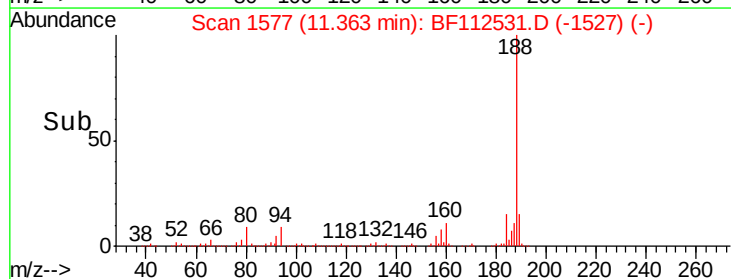
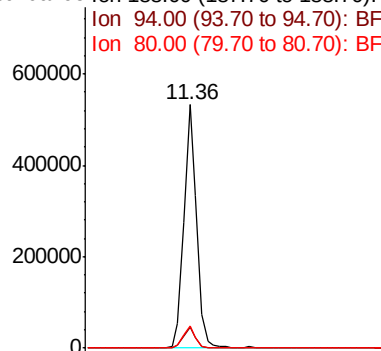
80 9.3 8.9 13.3

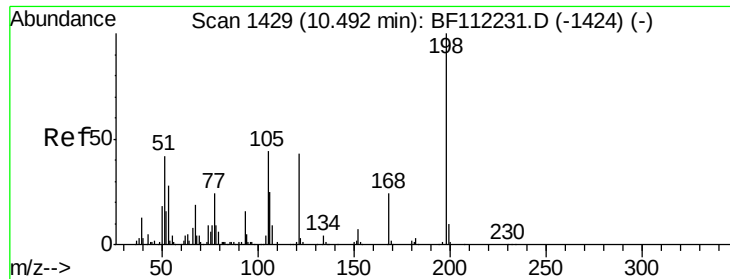


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

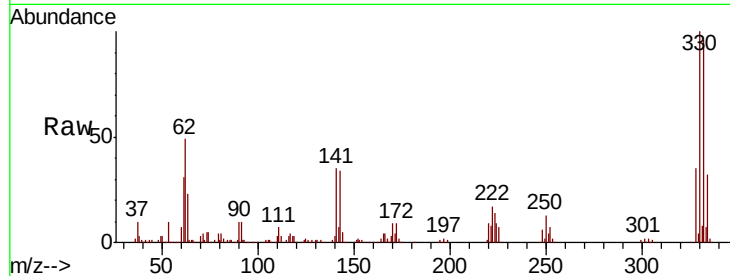




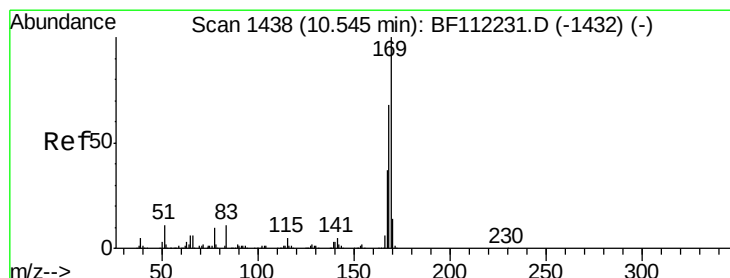
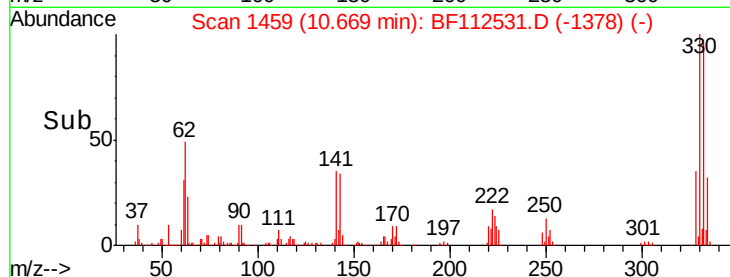
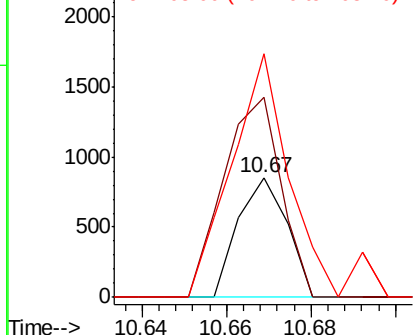
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.265 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.18 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tgt Ion:198 Resp: 688
 Ion Ratio Lower Upper
 198 100
 51 167.0 17.2 57.2#
 105 203.0 21.9 61.9#

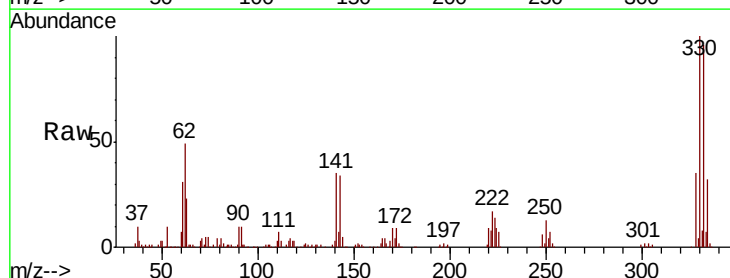


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

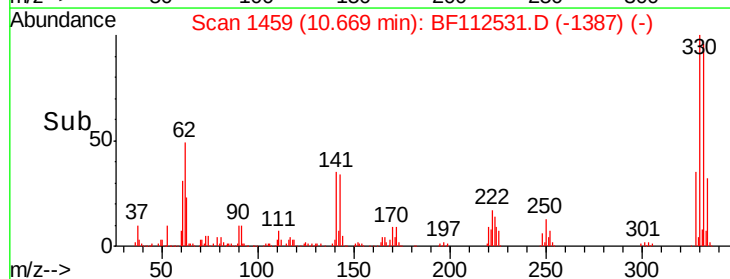
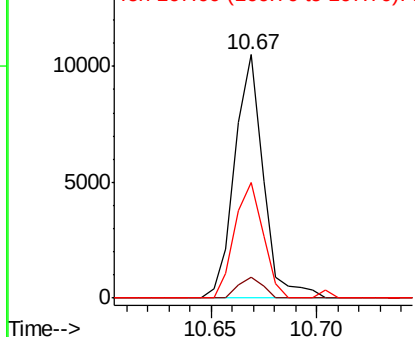


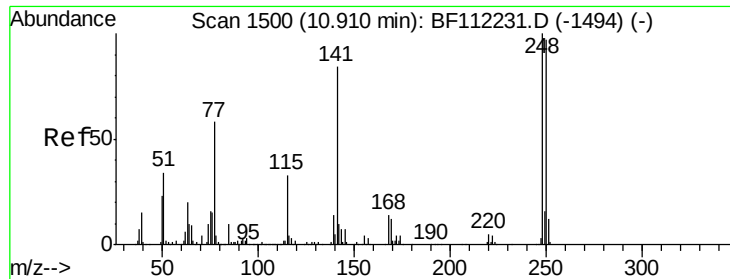
#66
 n-Nitrosodiphenylamine
 Concen: 0.631 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.12 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Tgt Ion:169 Resp: 9854
 Ion Ratio Lower Upper
 169 100
 168 8.5 53.9 80.9#
 167 47.7 28.9 43.3#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

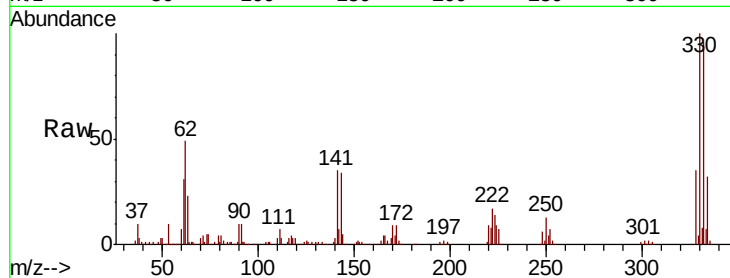




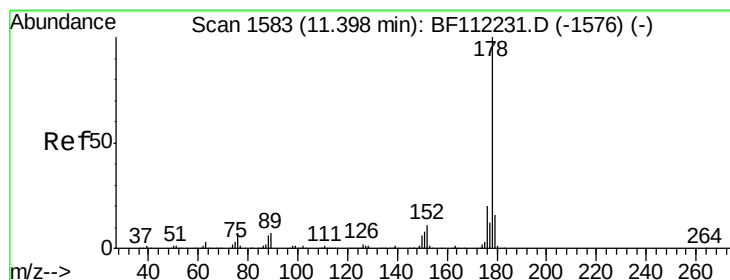
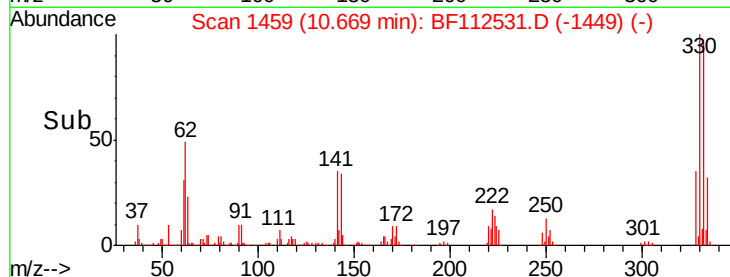
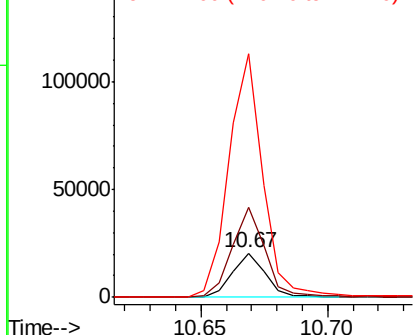
#67
4-Bromophenyl-phenylether
Concen: 3.390 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.24 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:248 Resp: 18468
Ion Ratio Lower Upper
248 100
250 202.3 79.7 119.5#
141 549.8 60.3 90.5#

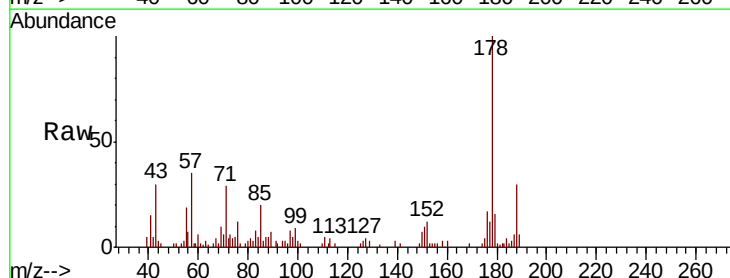


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

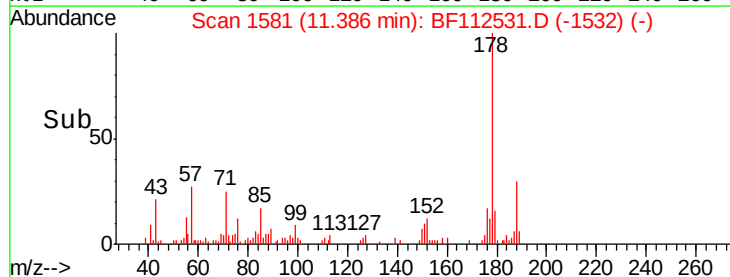
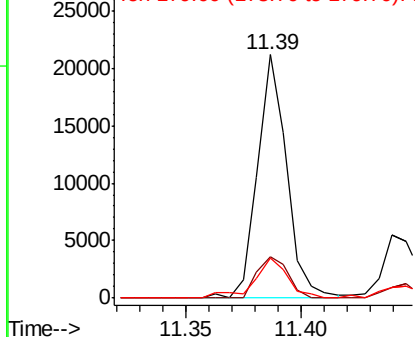


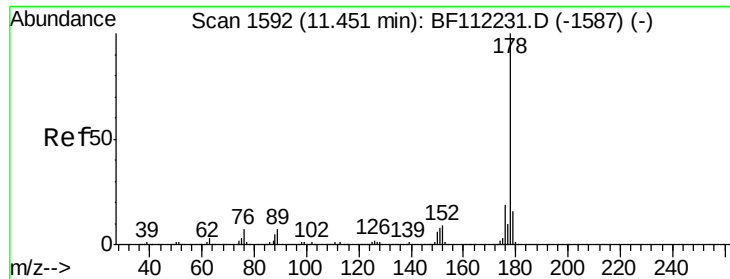
#71
Phenanthrene
Concen: 0.780 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion:178 Resp: 18792
Ion Ratio Lower Upper
178 100
176 16.8 16.3 24.5
179 16.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.255 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

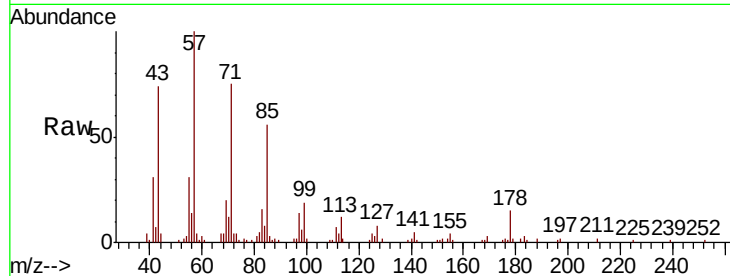
Tgt Ion:178 Resp: 6124

Ion Ratio Lower Upper

178 100

176 16.8 15.5 23.3

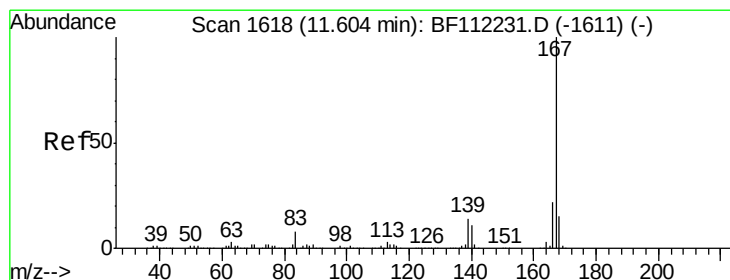
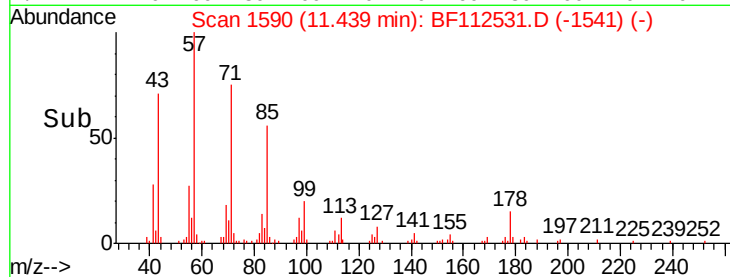
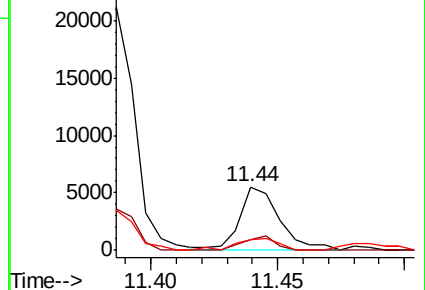
179 16.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.052 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

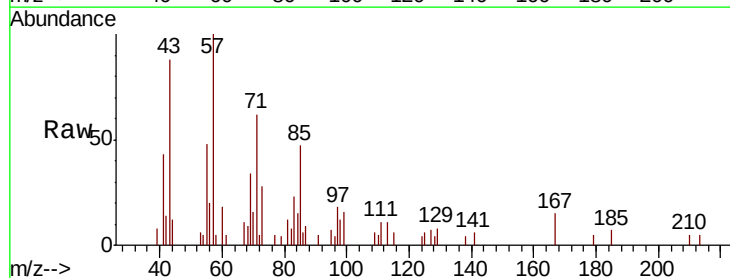
Tgt Ion:167 Resp: 1237

Ion Ratio Lower Upper

167 100

166 0.0 17.9 26.9#

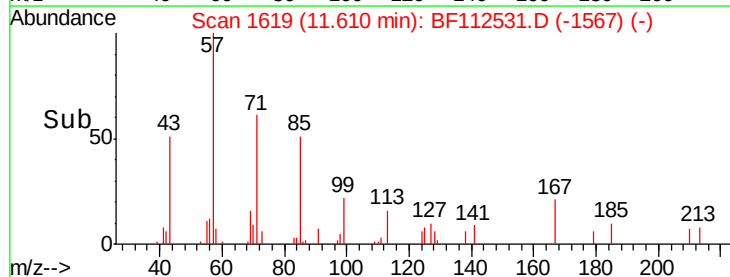
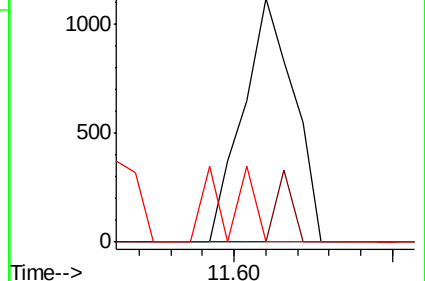
139 0.0 10.2 15.2#

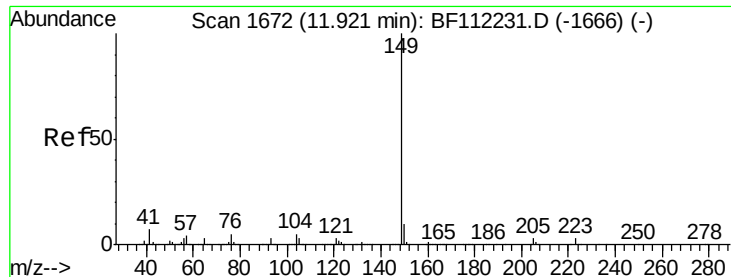


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

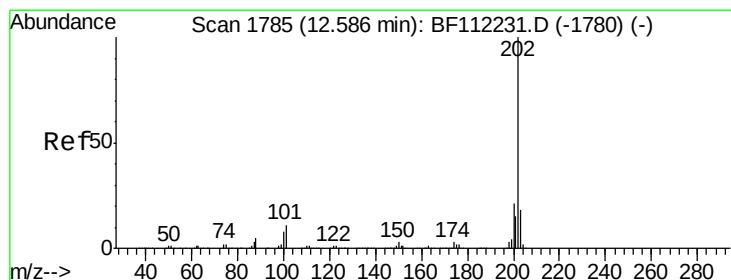
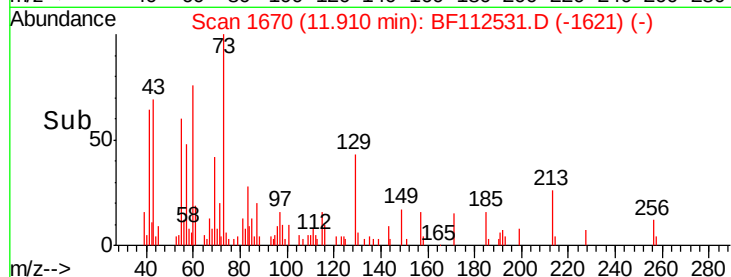
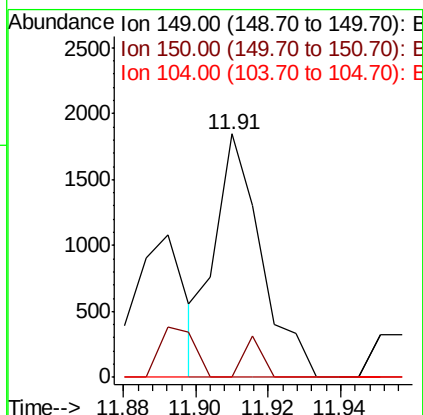
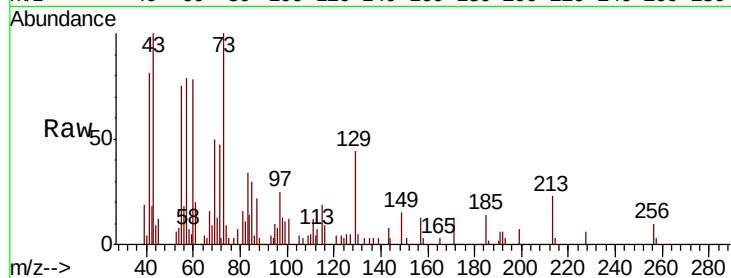




#74
Di-n-butylphthalate
Concen: 0.056 ng
RT: 11.91 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

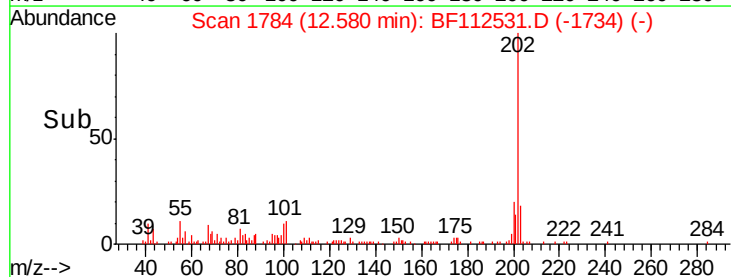
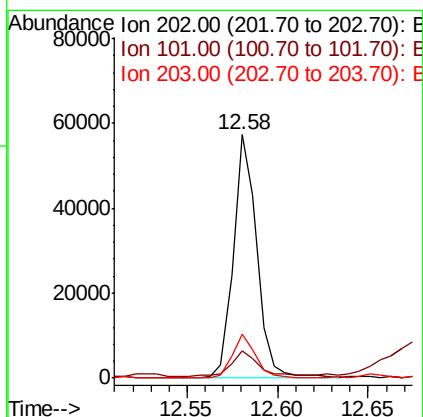
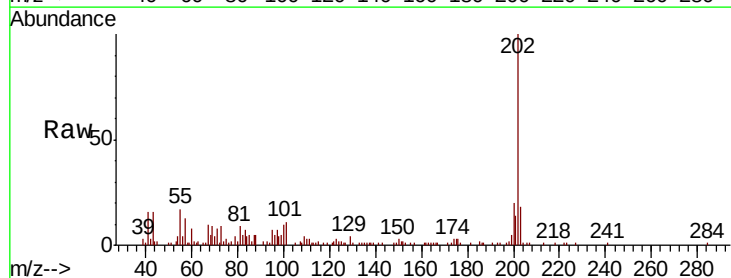
Instrument :
BNA_F
ClientSampled :
TP-1-S

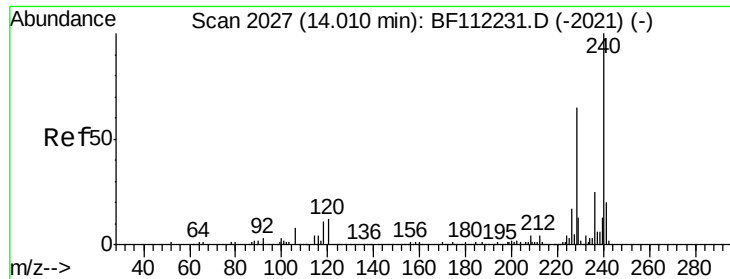
Tgt Ion:149 Resp: 1641
Ion Ratio Lower Upper
149 100
150 0.0 8.1 12.1#
104 0.0 3.9 5.9#



#75
Fluoranthene
Concen: 2.005 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion:202 Resp: 51799
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.8
203 17.9 0.0 38.4

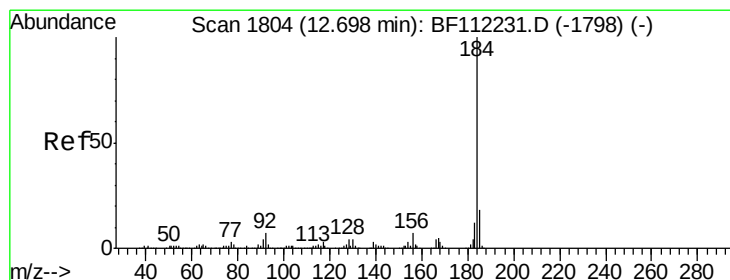
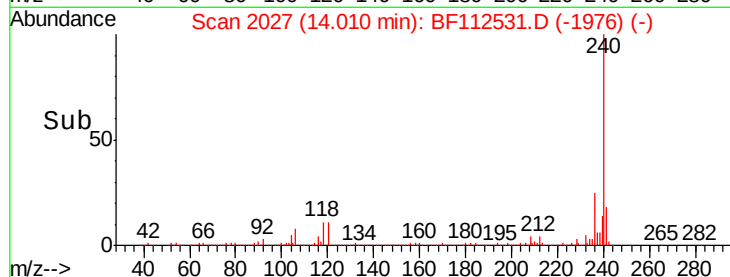
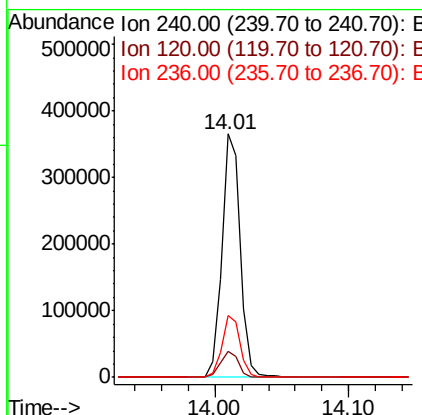
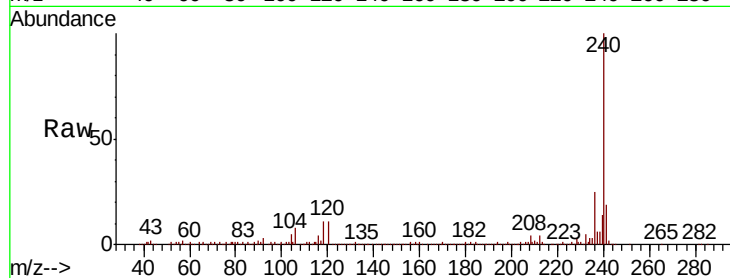




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

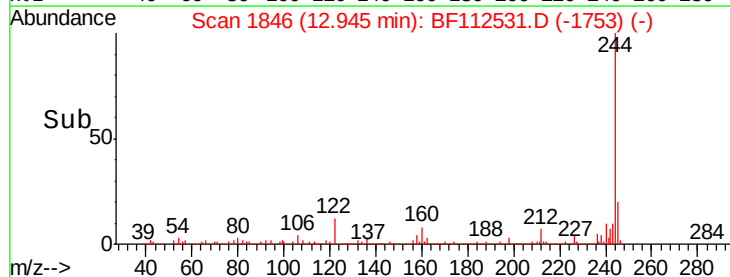
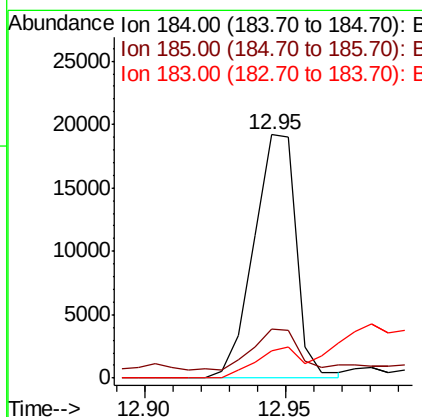
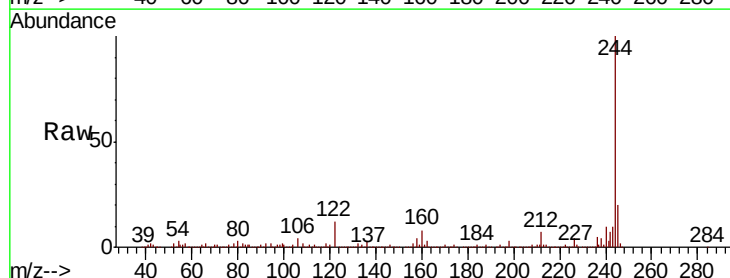
Instrument :
BNA_F
ClientSampleId :
TP-1-S

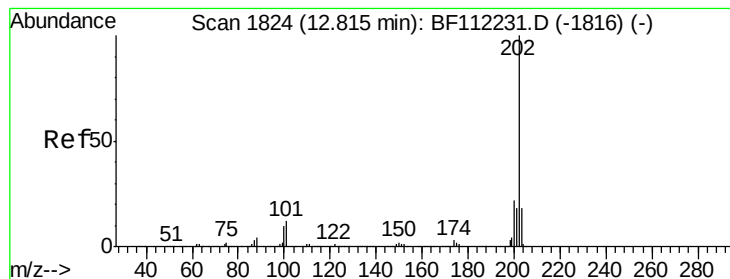
Tgt Ion:240 Resp: 354309
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.4 20.7 31.1



#77
Benzidine
Concen: 2.052 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.25 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion:184 Resp: 20007
Ion Ratio Lower Upper
184 100
185 20.0 13.9 20.9
183 11.4 10.0 15.0





#78

Pyrene

Concen: 1.938 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

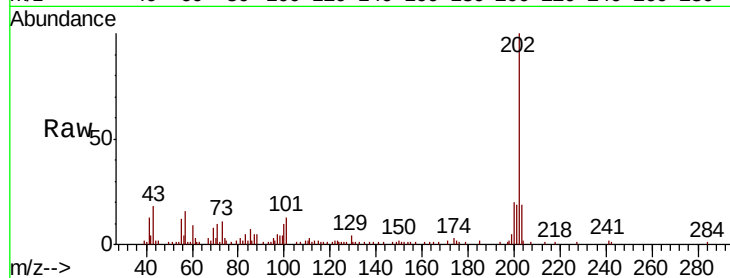
Tgt Ion:202 Resp: 47551

Ion Ratio Lower Upper

202 100

200 20.1 17.7 26.5

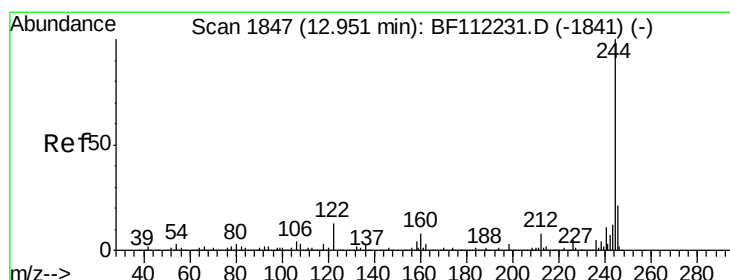
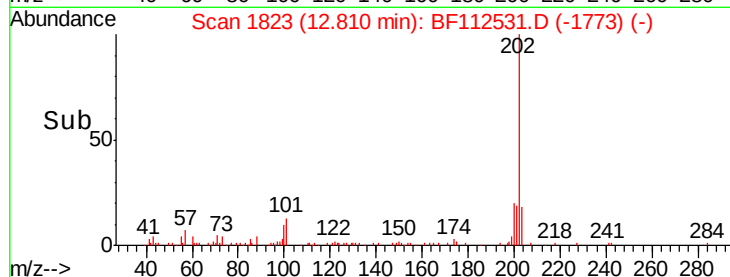
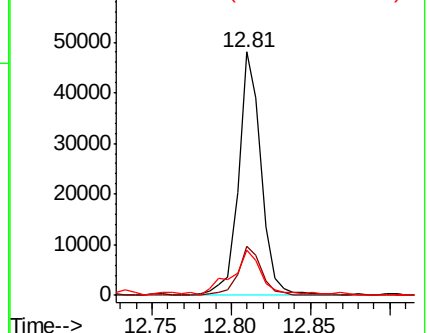
203 18.7 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 70.694 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

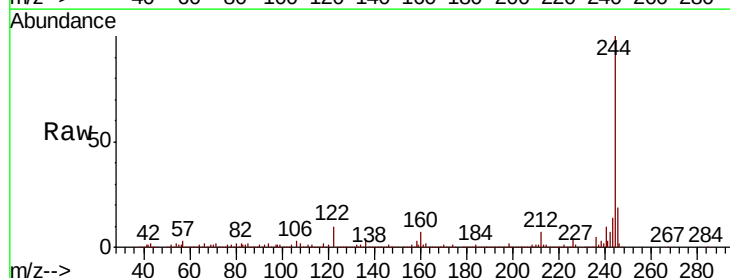
Tgt Ion:244 Resp: 1329881

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

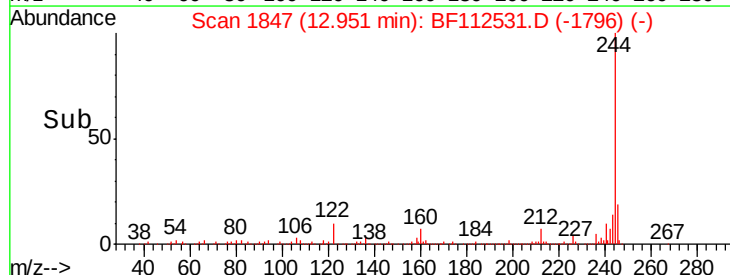
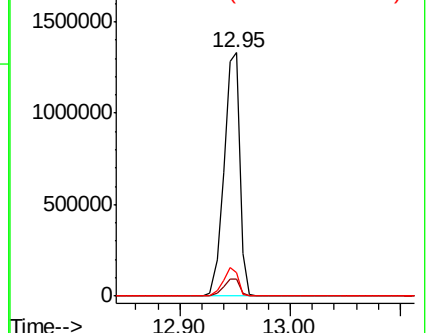
122 9.7 9.8 14.6#

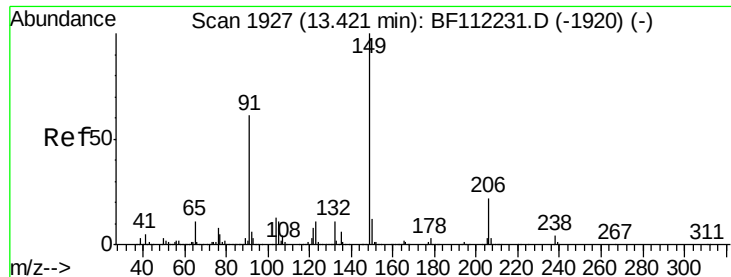


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

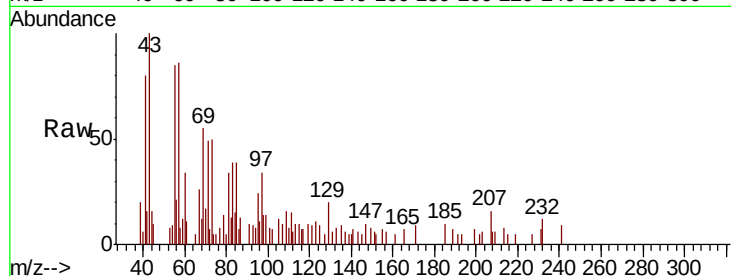




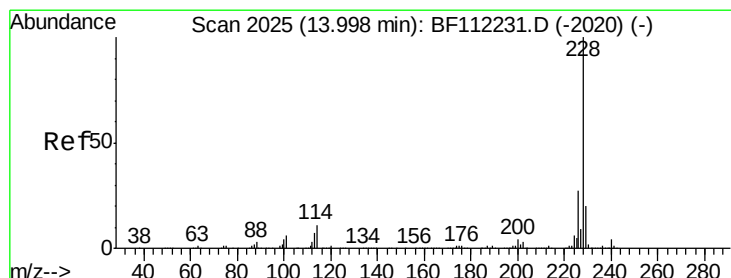
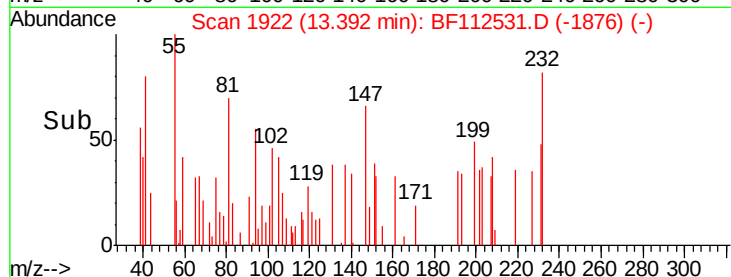
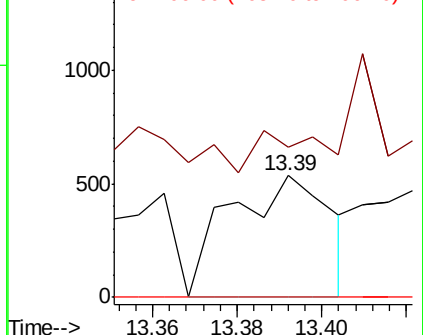
#80
Butylbenzylphthalate
Concen: 0.075 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.03 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tgt Ion:149 Resp: 888
Ion Ratio Lower Upper
149 100
91 123.7 50.3 75.5#
206 0.0 18.2 27.4#

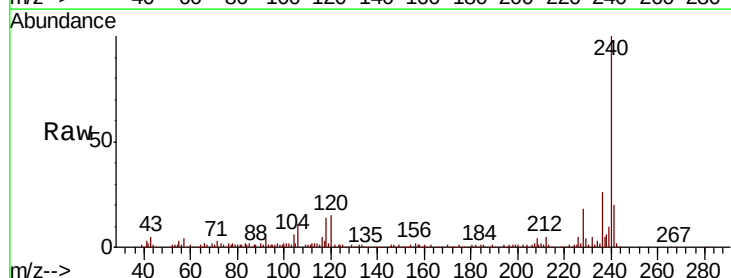


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

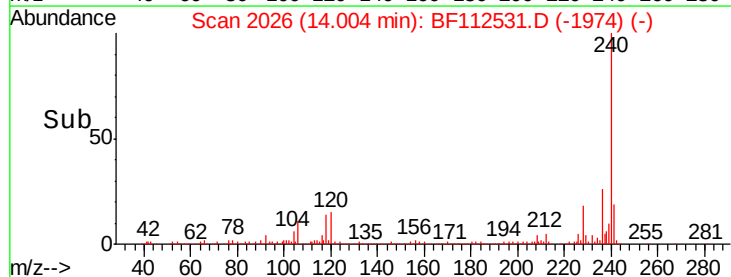
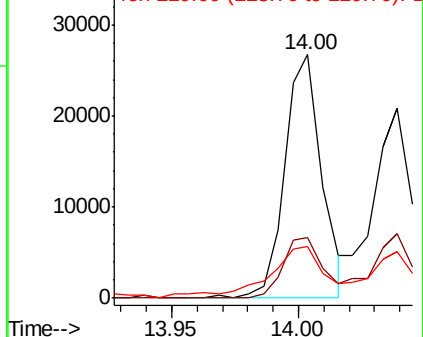


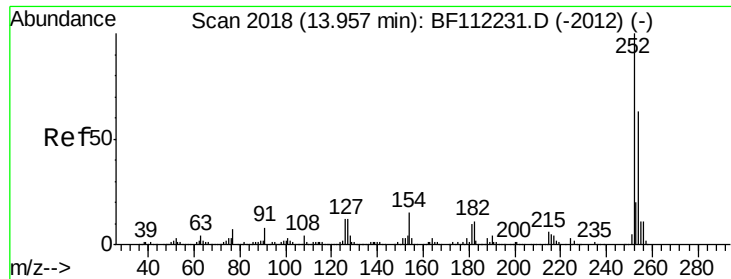
#81
Benzo(a)anthracene
Concen: 1.301 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion:228 Resp: 27096
Ion Ratio Lower Upper
228 100
226 24.7 22.6 34.0
229 21.4 16.5 24.7



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

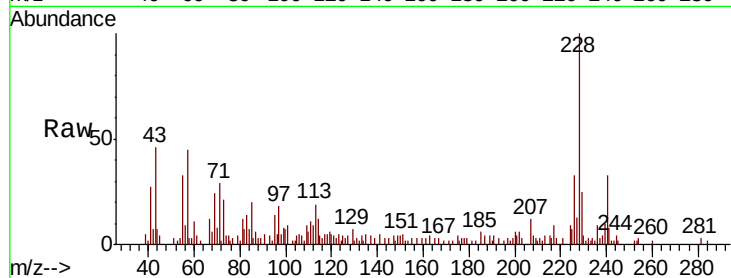




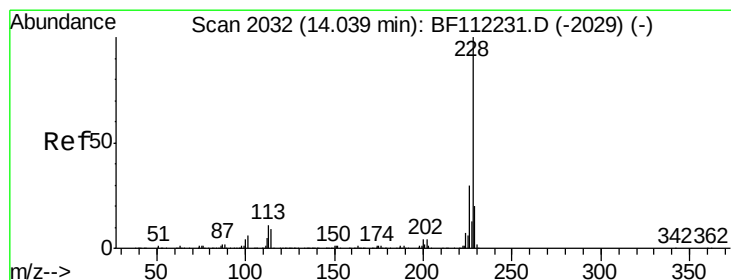
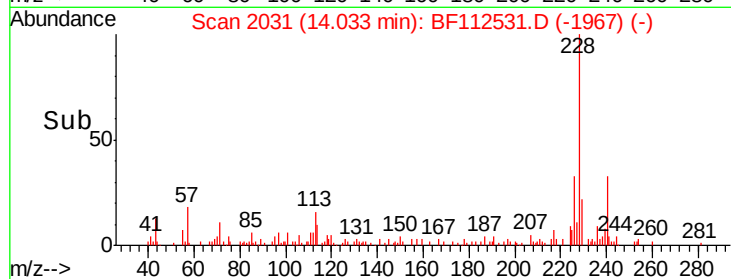
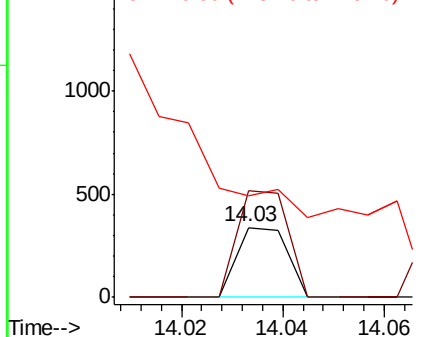
#82
 3,3'-Dichlorobenzidine
 Concen: 0.030 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.08 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tgt Ion:252 Resp: 235
 Ion Ratio Lower Upper
 252 100
 254 153.6 51.6 77.4#
 126 146.2 8.6 12.8#

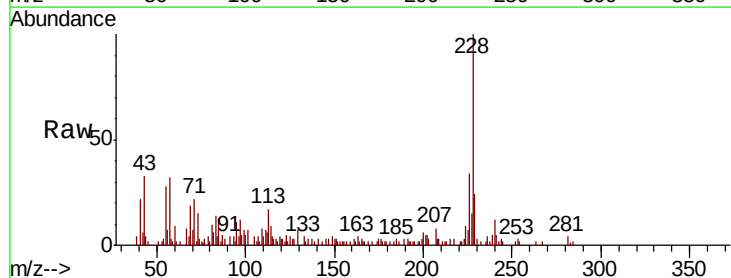


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

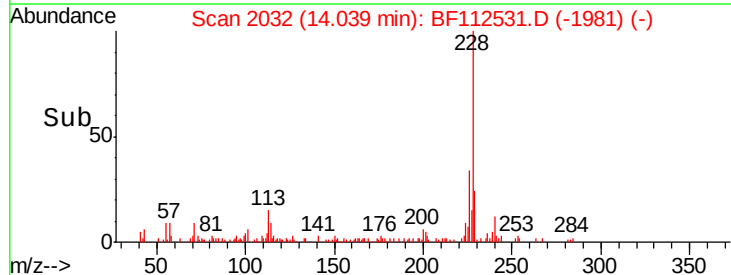
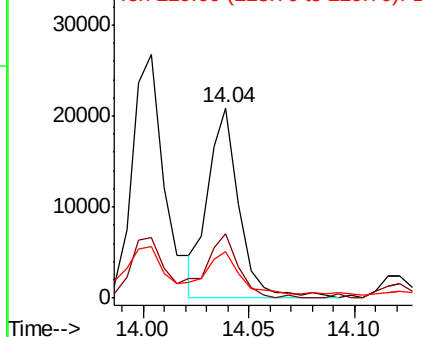


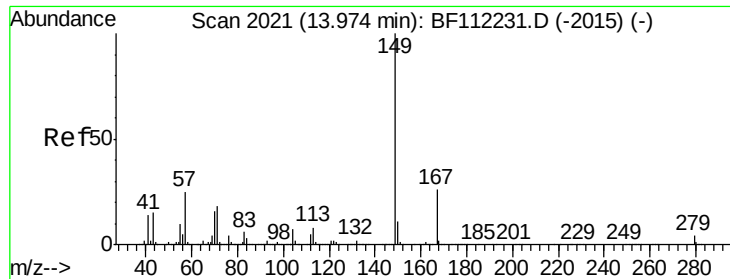
#83
 Chrysene
 Concen: 1.085 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Tgt Ion:228 Resp: 21579
 Ion Ratio Lower Upper
 228 100
 226 34.1 25.0 37.6
 229 24.4 16.6 24.8



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

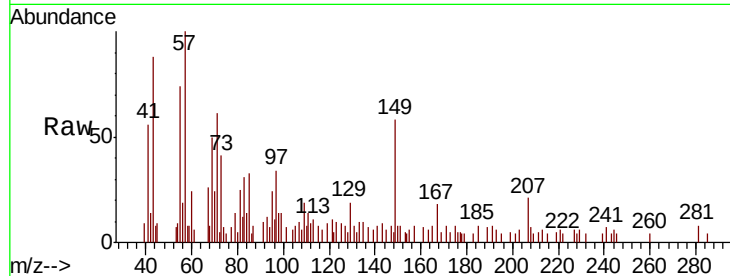




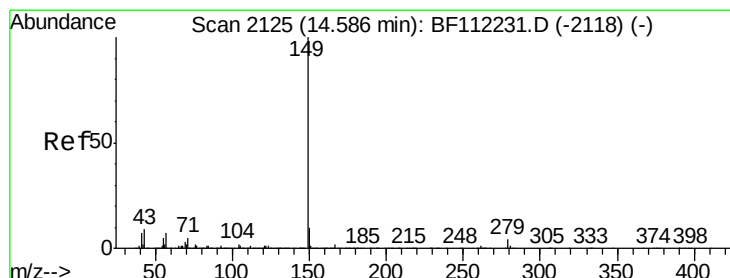
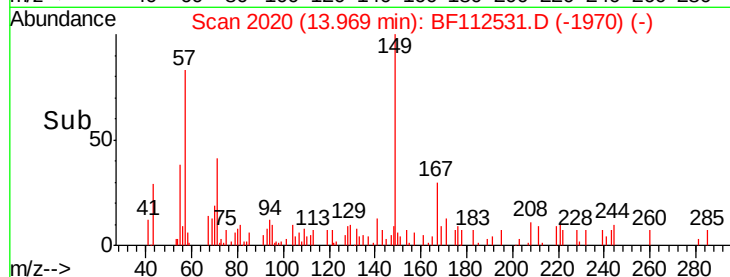
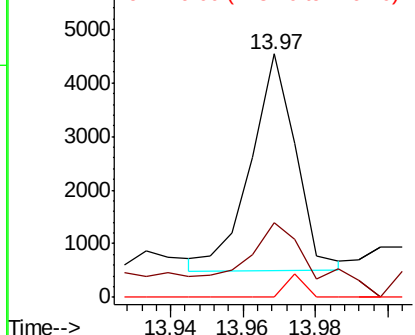
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.209 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tgt Ion:149 Resp: 3518
 Ion Ratio Lower Upper
 149 100
 167 30.4 22.5 33.7
 279 0.0 3.8 5.6#

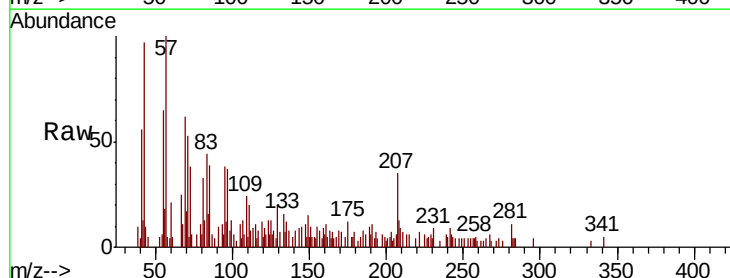


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

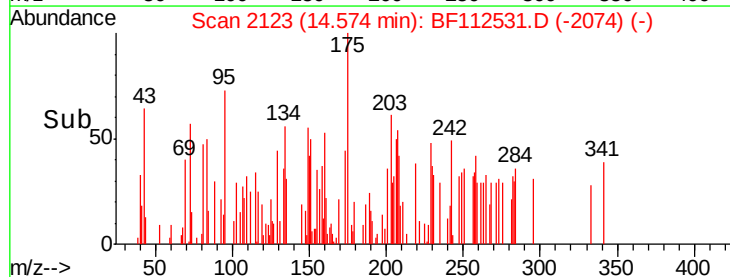
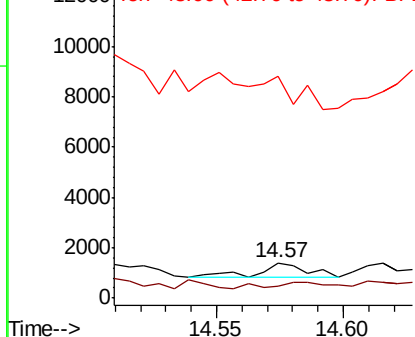


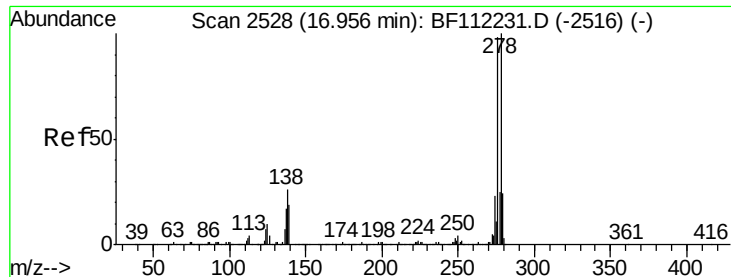
#85
 Di-n-octyl phthalate
 Concen: 0.031 ng
 RT: 14.57 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Tgt Ion:149 Resp: 810
 Ion Ratio Lower Upper
 149 100
 167 41.4 1.3 1.9#
 43 0.0 7.8 11.6#



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

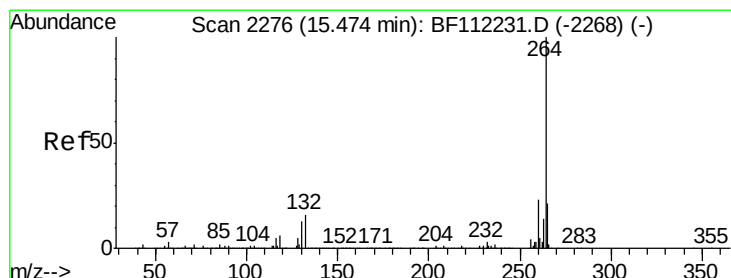
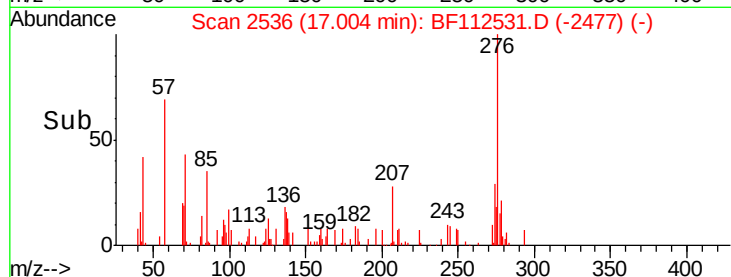
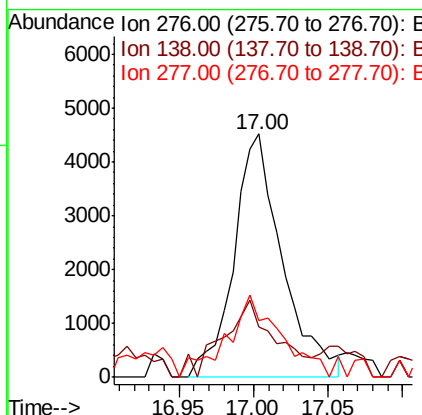
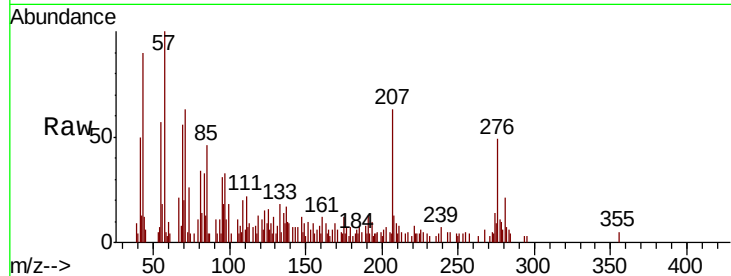




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.648 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.05 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

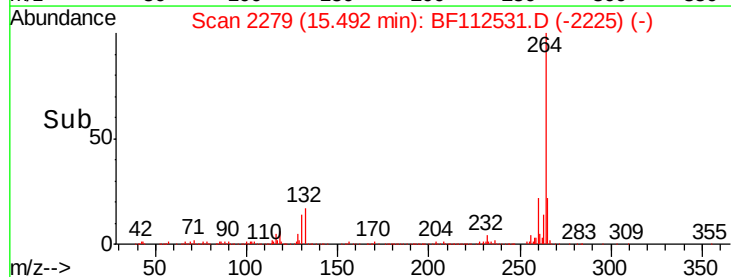
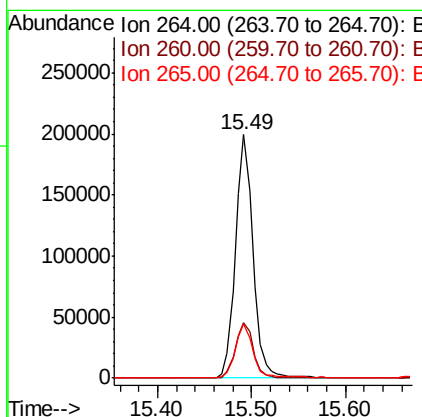
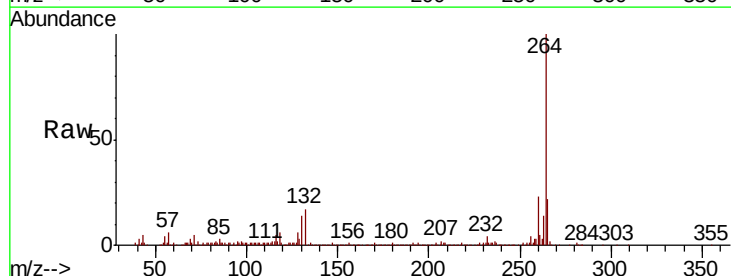
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

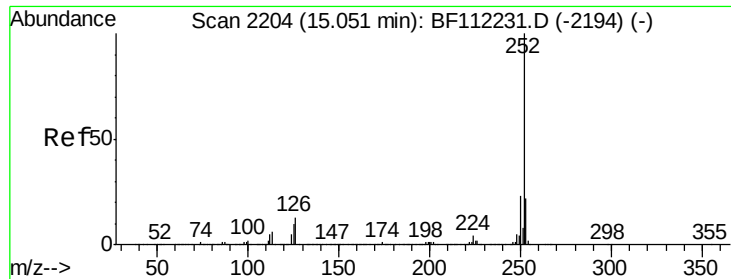
Tgt Ion:276 Resp: 10214
 Ion Ratio Lower Upper
 276 100
 138 35.5 22.6 34.0#
 277 37.3 20.3 30.5#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.02 min
 Lab File: BF112531.D
 Acq: 13 Feb 2019 11:37

Tgt Ion:264 Resp: 259100
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 22.4 17.0 25.4

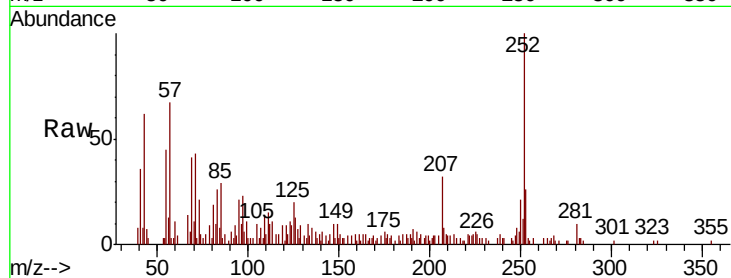




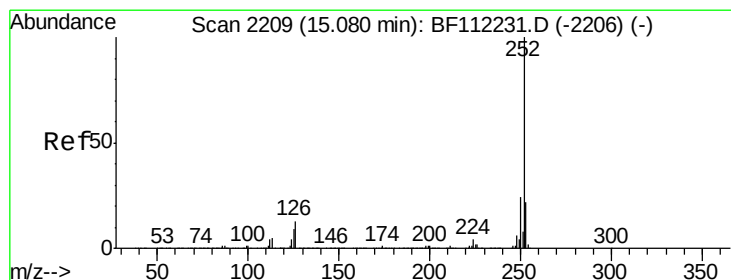
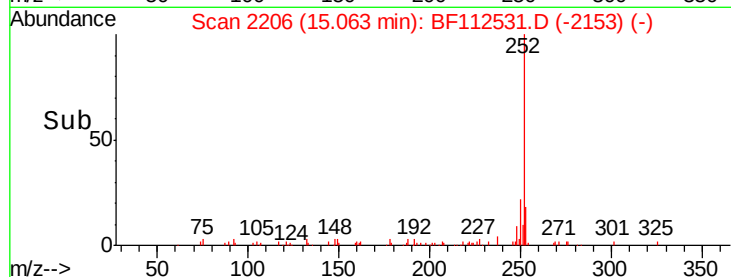
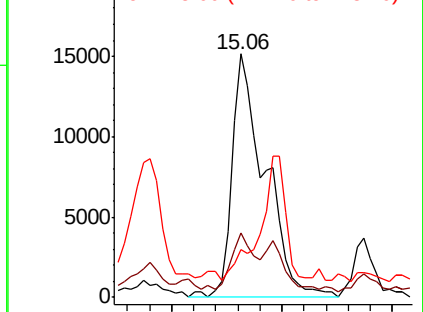
#88
Benzo(b)fluoranthene
Concen: 2.065 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:252 Resp: 31994
Ion Ratio Lower Upper
252 100
253 26.4 18.0 27.0
125 19.8 8.7 13.1#

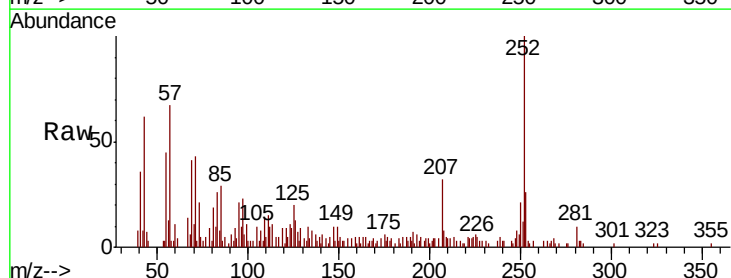


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

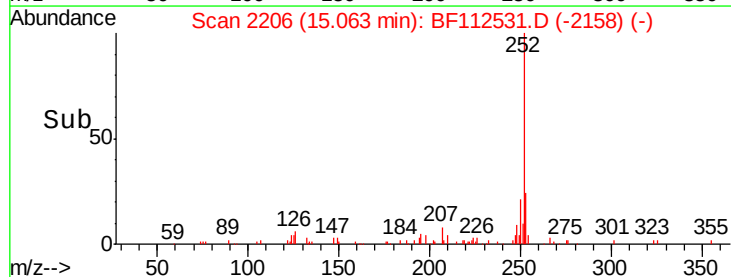
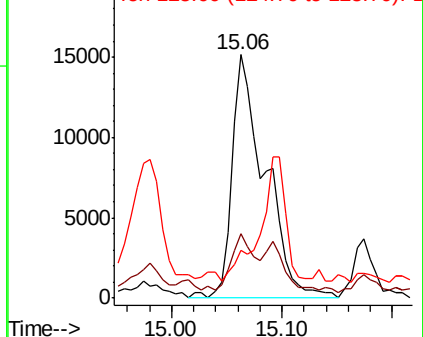


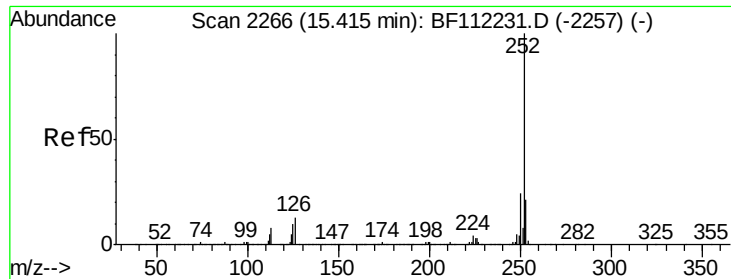
#89
Benzo(k)fluoranthene
Concen: 2.156 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF112531.D
Acq: 13 Feb 2019 11:37

Tgt Ion:252 Resp: 31994
Ion Ratio Lower Upper
252 100
253 26.4 18.0 27.0
125 19.8 9.1 13.7#



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





#90

Benzo(a)pyrene

Concen: 1.353 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.02 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

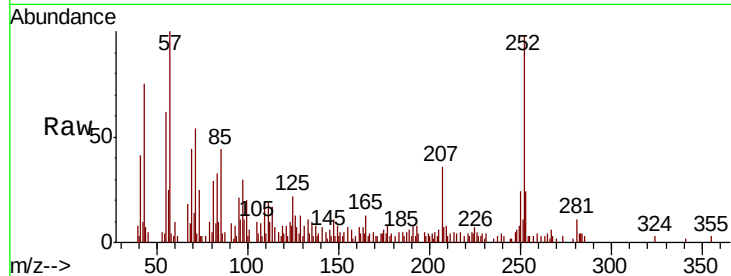
Tgt Ion: 252 Resp: 18863

Ion Ratio Lower Upper

252 100

253 24.6 17.5 26.3

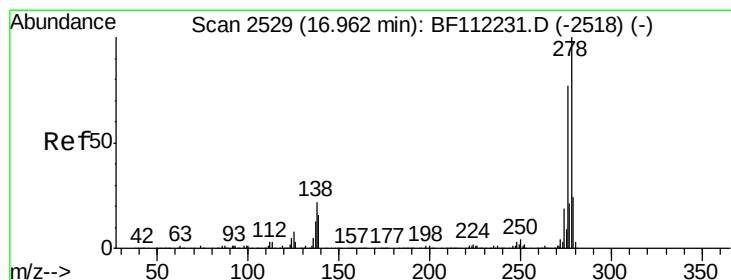
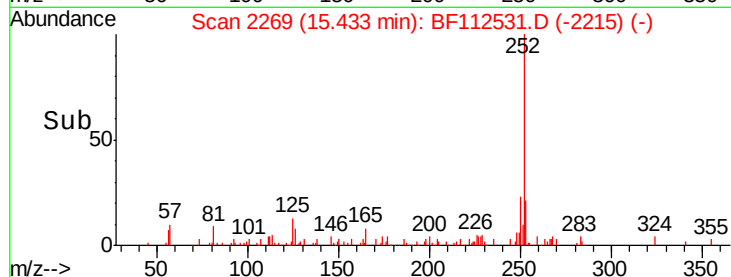
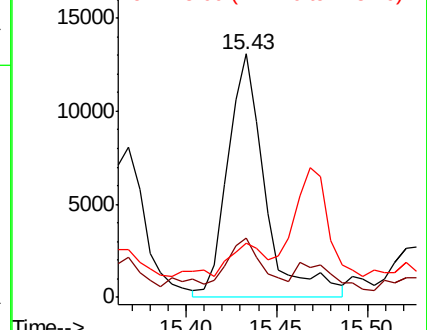
125 22.1 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.334 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.03 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

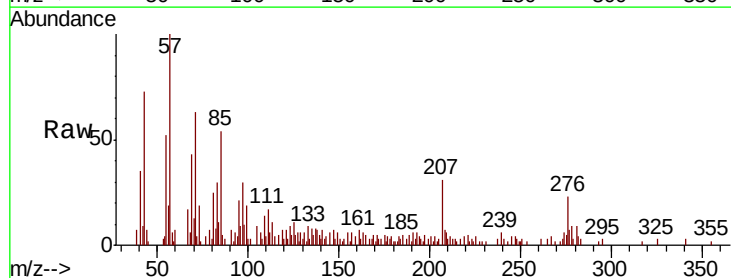
Tgt Ion: 278 Resp: 3757

Ion Ratio Lower Upper

278 100

139 57.2 13.7 20.5#

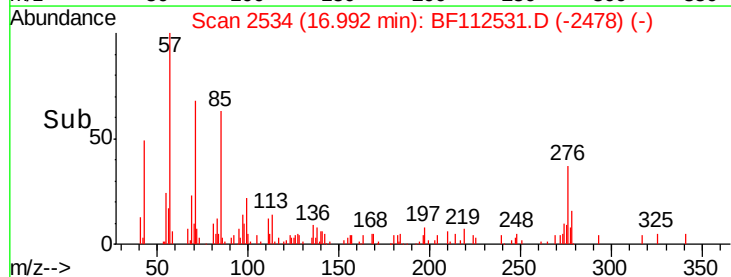
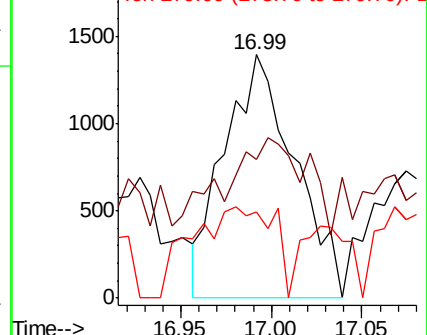
279 35.1 19.0 28.6#

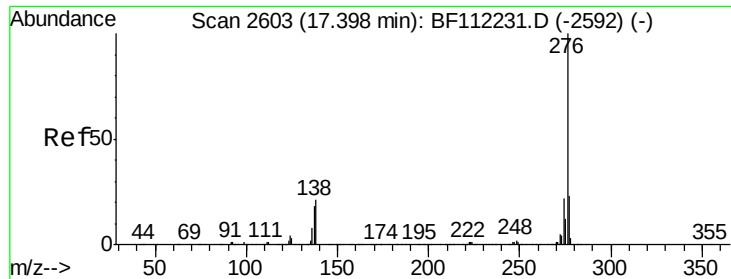


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.891 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.06 min

Lab File: BF112531.D

Acq: 13 Feb 2019 11:37

Instrument :

BNA_F

ClientSampleId :

TP-1-S

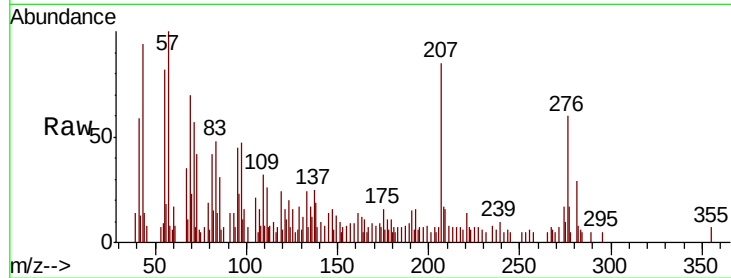
Tgt Ion: 276 Resp: 9447

Ion Ratio Lower Upper

276 100

277 27.9 19.4 29.0

138 31.1 19.1 28.7



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

