

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112445.D
 Acq On : 7 Feb 2019 18:27
 Operator : JU/SJ
 Sample : K1392-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Feb 09 03:14:07 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	143363	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	542517	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	271080	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	419820	20.00	ng	0.00
76) Chrysene-d12	14.00	240	310887	20.00	ng	0.00
87) Perylene-d12	15.47	264	291677	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	429504	63.64	ng	-0.01
7) Phenol-d6	6.48	99	332032	35.40	ng	-0.01
23) Nitrobenzene-d5	7.40	82	748231	79.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	332935	105.52	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1453695	75.85	ng	-0.01
79) Terphenyl-d14	12.94	244	1209032	73.25	ng	-0.01

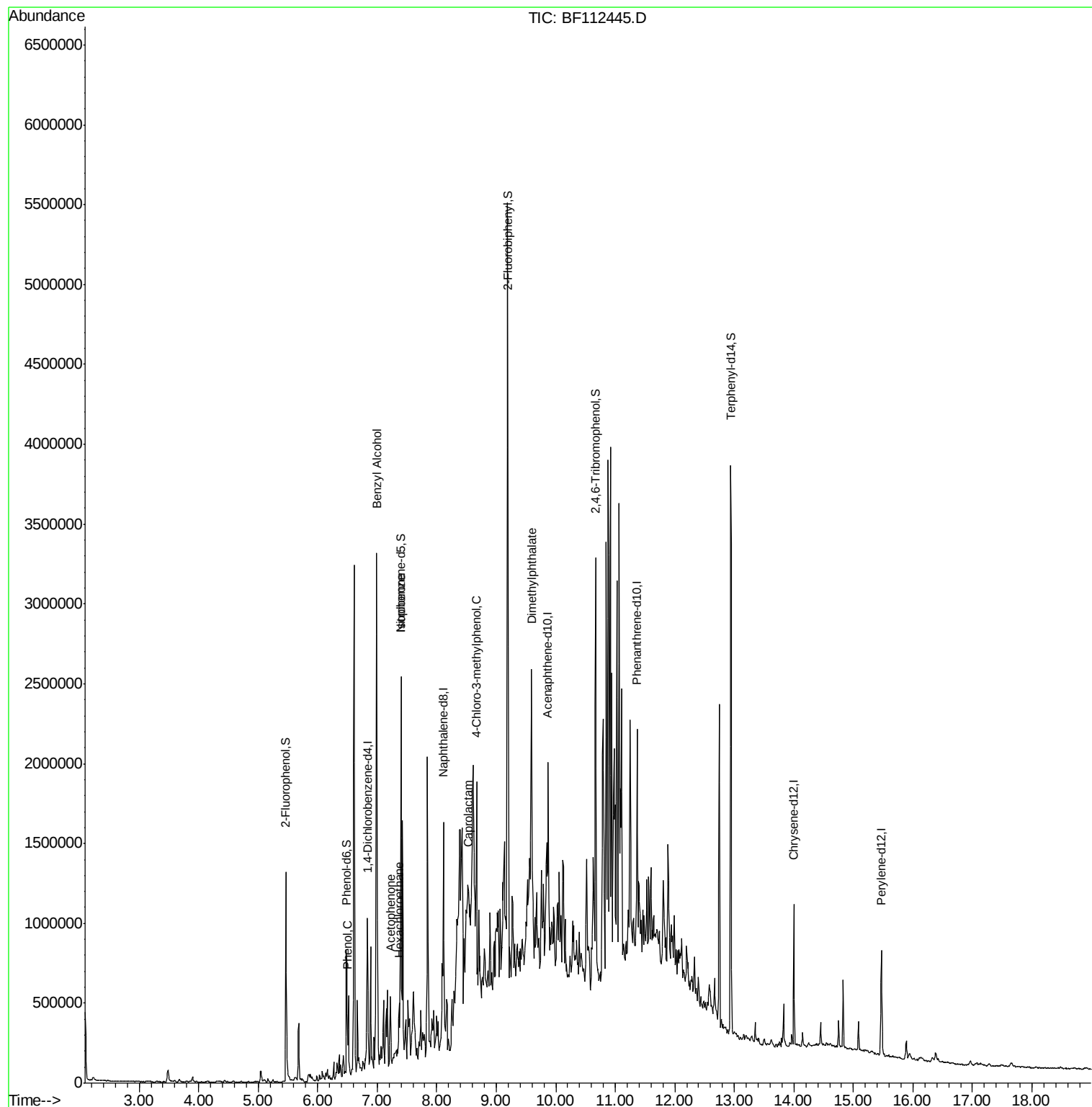
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.50	94	23779	2.311	ng	93
15) Benzyl Alcohol	6.99	79	16263	2.057	ng	# 38
18) Hexachloroethane	7.36	117	13146	3.440	ng	# 1
22) Acetophenone	7.23	105	58647	4.439	ng	# 54
25) Isophorone	7.40	82	740745	50.149	ng	# 64
35) Caprolactam	8.53	113	19989	7.313	ng	# 1
36) 4-Chloro-3-methylphenol	8.67	107	16941	2.065	ng	# 22
50) Dimethylphthalate	9.59	163	83836	3.981	ng	# 87

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

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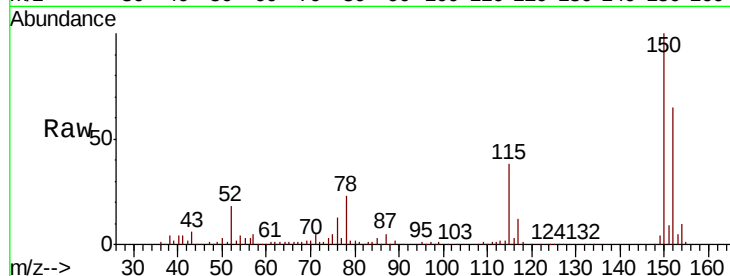


#1

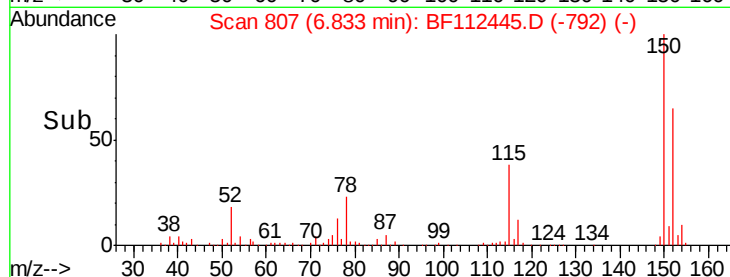
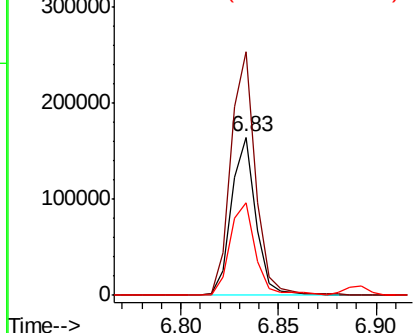
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112445.D
Acq: 7 Feb 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:152 Resp: 143363
Ion Ratio Lower Upper
152 100
150 154.0 127.4 191.0
115 58.3 45.5 68.3



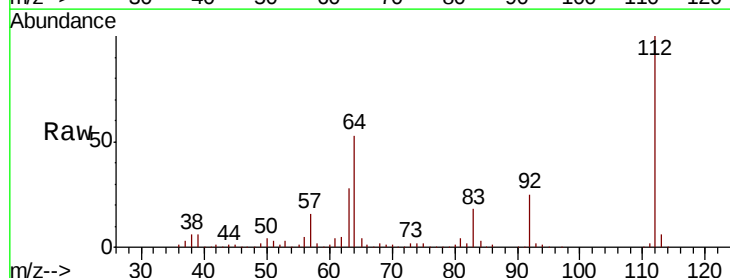
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



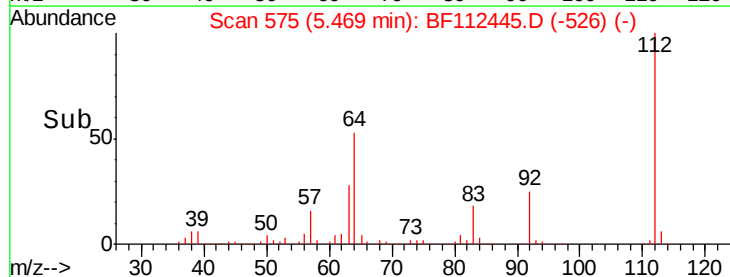
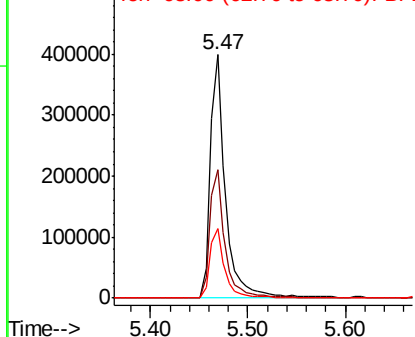
#5

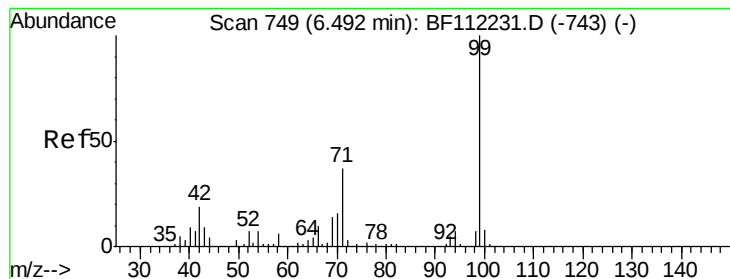
2-Fluorophenol
Concen: 63.635 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112445.D
Acq: 7 Feb 2019 18:27

Tgt Ion:112 Resp: 429504
Ion Ratio Lower Upper
112 100
64 52.6 45.7 68.5
63 28.5 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





#7

Phenol-d6

Concen: 35.403 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112445.D

Acq: 7 Feb 2019 18:27

Instrument :

BNA_F

ClientSampled :

MW-11

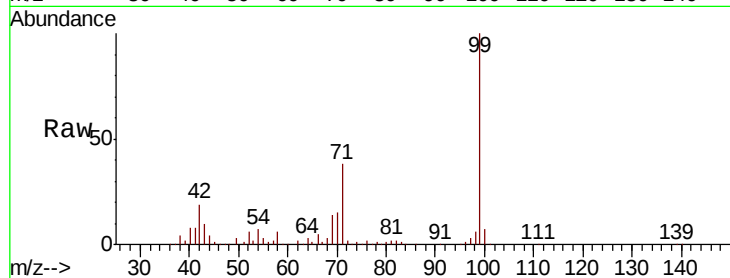
Tot Ion: 99 Resp: 332032

Ion Ratio Lower Upper

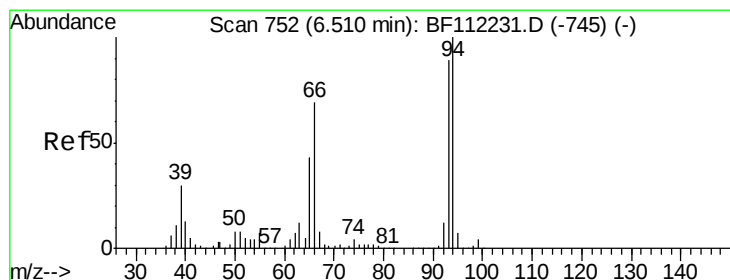
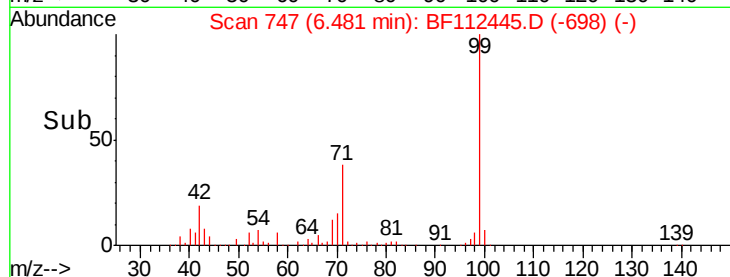
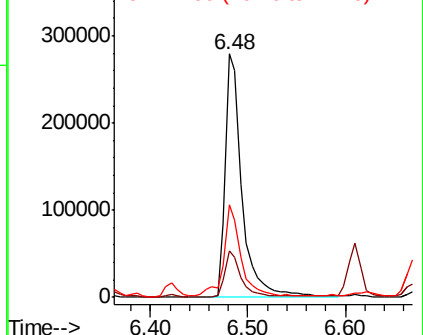
99 100

42 19.2 15.1 22.7

71 37.8 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



#10

Phenol

Concen: 2.311 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112445.D

Acq: 7 Feb 2019 18:27

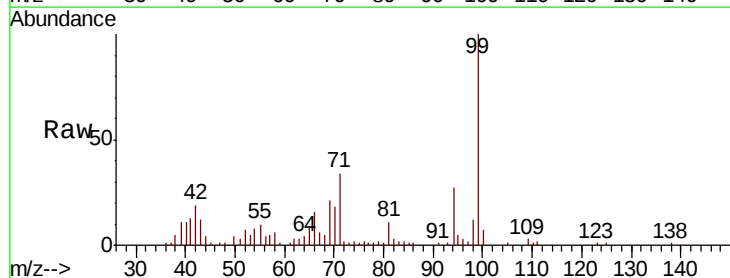
Tgt Ion: 94 Resp: 23779

Ion Ratio Lower Upper

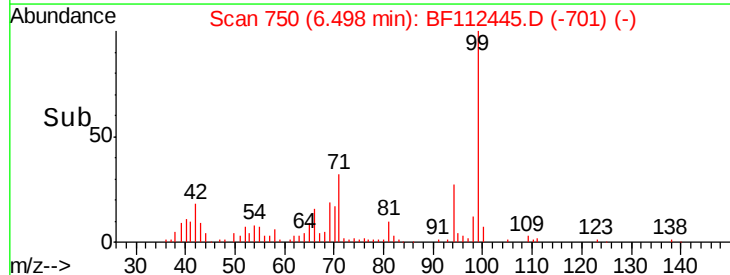
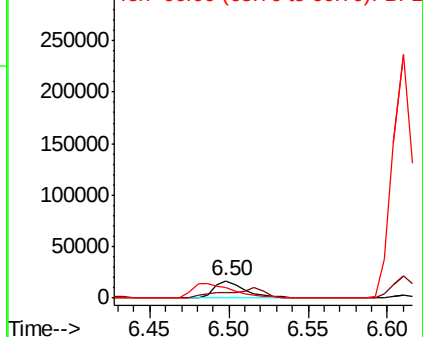
94 100

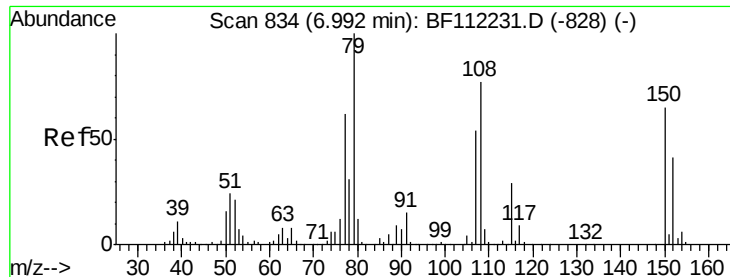
65 34.8 20.3 60.3

66 57.9 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





#15

Benzyl Alcohol

Concen: 2.057 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF112445.D

Acq: 7 Feb 2019 18:27

Instrument :

BNA_F

ClientSampled :

MW-11

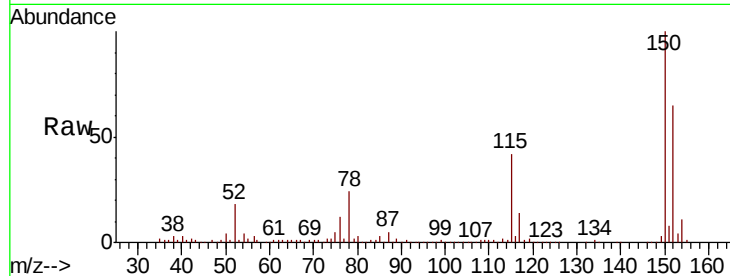
Tot Ion: 79 Resp: 16263

Ion Ratio Lower Upper

79 100

108 33.1 64.2 96.2#

77 119.0 50.3 75.5#

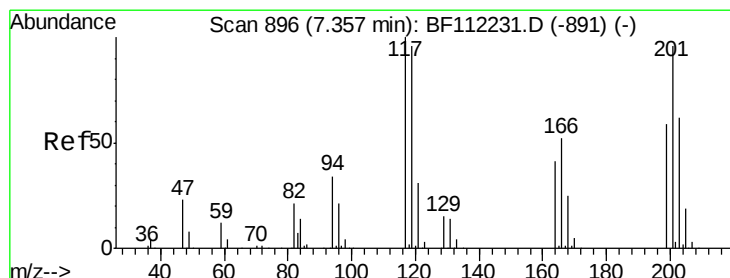
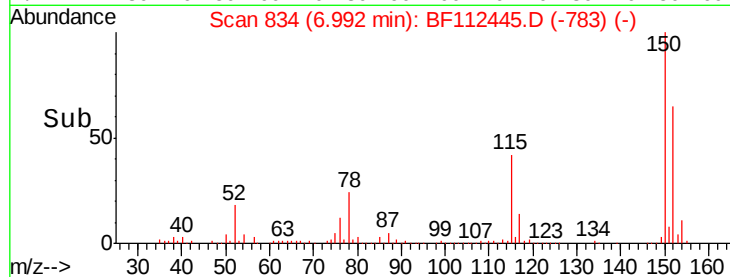
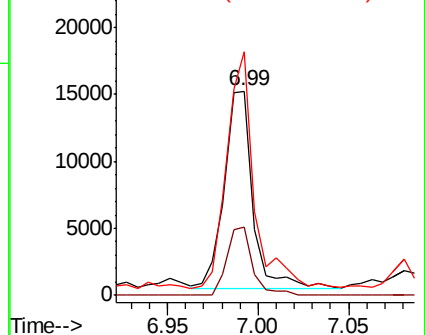


Abundance

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



#18

Hexachloroethane

Concen: 3.440 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.01 min

Lab File: BF112445.D

Acq: 7 Feb 2019 18:27

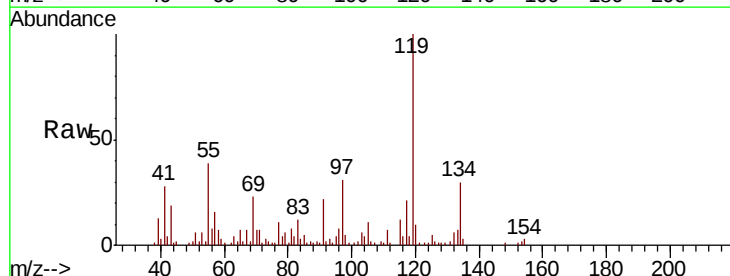
Tgt Ion: 117 Resp: 13146

Ion Ratio Lower Upper

117 100

119 470.8 77.0 115.4#

201 0.0 74.1 111.1#

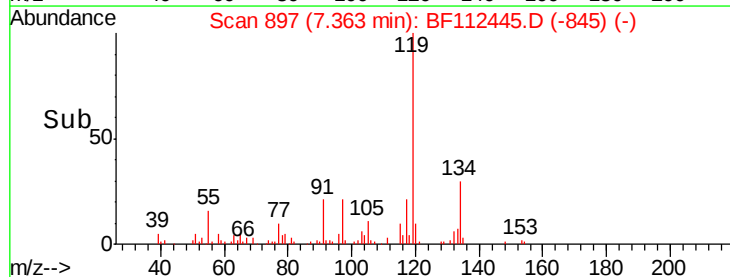
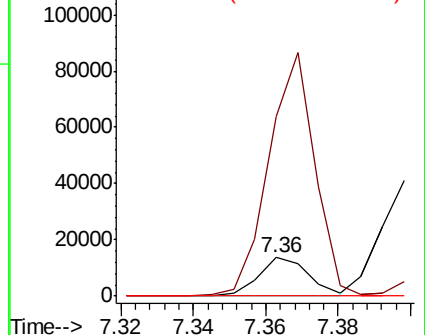


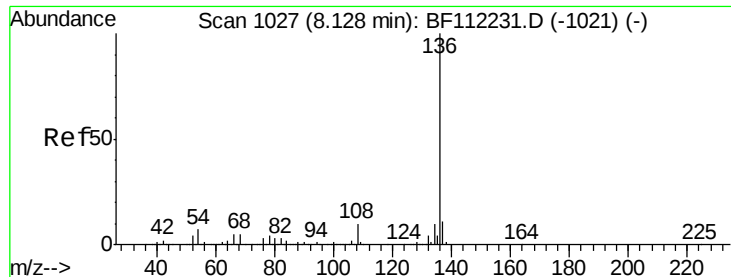
Abundance

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112445.D

Acq: 7 Feb 2019 18:27

Instrument :

BNA_F

ClientSampleId :

MW-11

Tot Ion:136 Resp: 542517

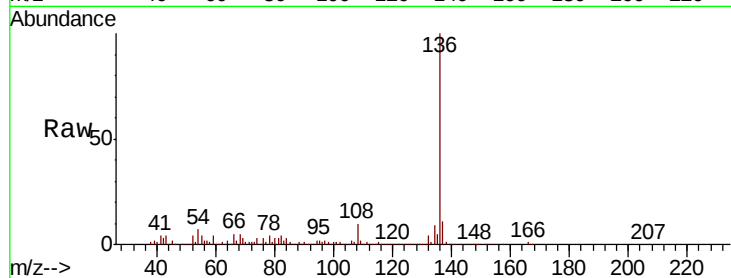
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.0 5.9 8.9

68 5.3 5.1 7.7

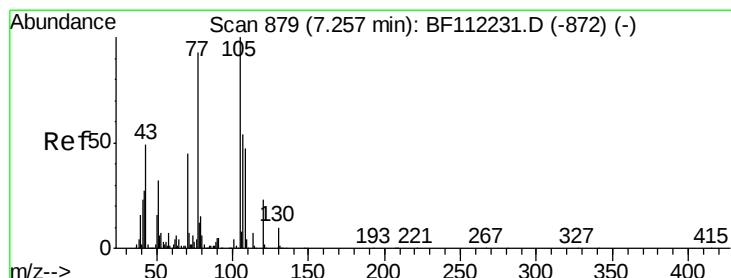
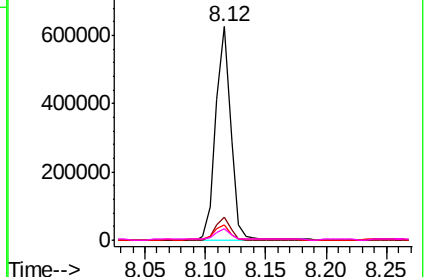
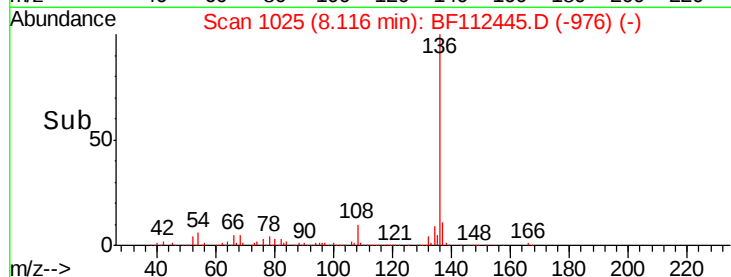


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.439 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.03 min

Lab File: BF112445.D

Acq: 7 Feb 2019 18:27

Tgt Ion:105 Resp: 58647

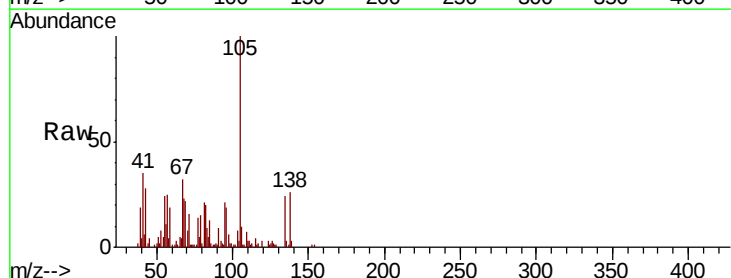
Ion Ratio Lower Upper

105 100

71 15.9 4.6 6.8#

51 5.2 25.0 37.6#

120 0.0 19.0 28.4#

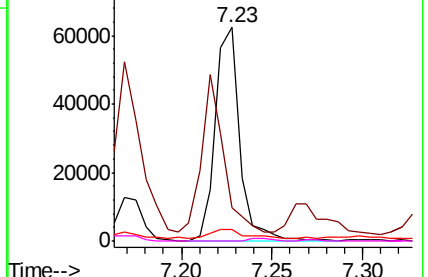
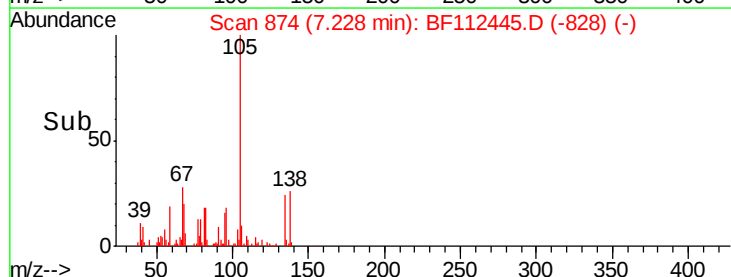


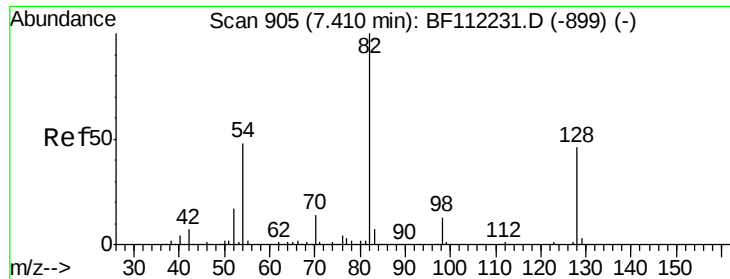
Abundance Ion 105.00 (104.70 to 105.70): E

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

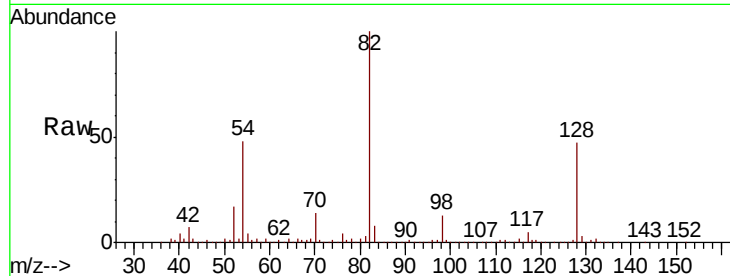




#23
Nitrobenzene-d5
Concen: 79.468 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112445.D
Acq: 7 Feb 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion	82	Resp	748231
Ion Ratio	Lower	Upper	
82	100		
128	47.1	37.8	56.8
54	48.3	39.7	59.5

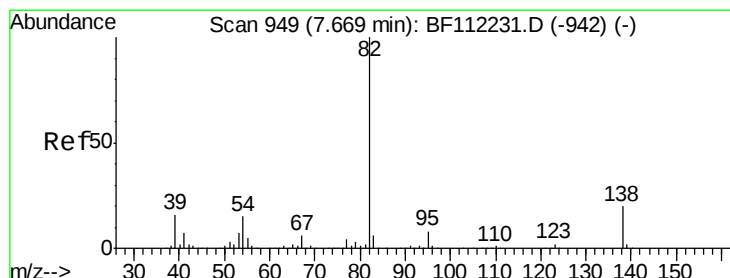
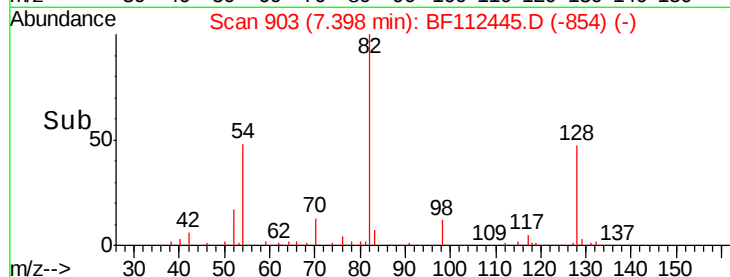
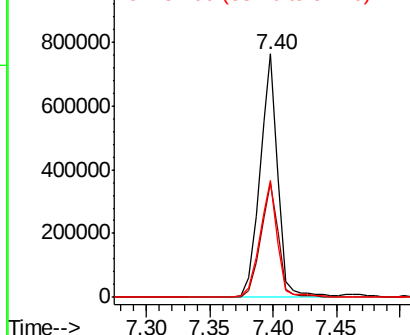


Abundance

Ion 82.00 (81.70 to 82.70): BF1

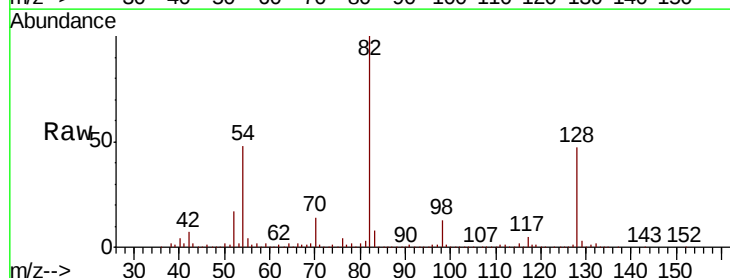
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25
Isophorone
Concen: 50.149 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112445.D
Acq: 7 Feb 2019 18:27

Tgt Ion	82	Resp	740745
Ion Ratio	Lower	Upper	
82	100		
95	0.3	5.7	8.5#
138	0.0	15.4	23.0#

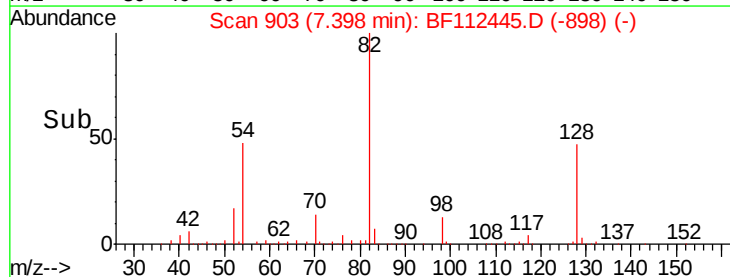
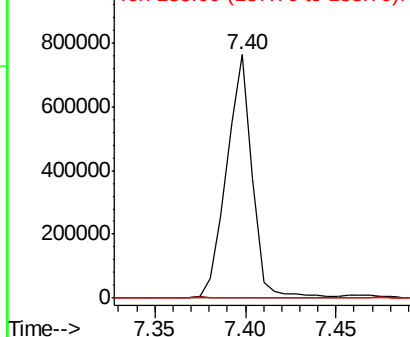


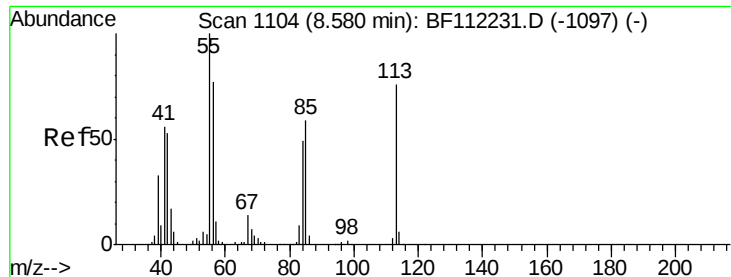
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#35

Caprolactam

Concen: 7.313 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.05 min

Lab File: BF112445.D

Acq: 7 Feb 2019 18:27

Instrument :

BNA_F

ClientSampleId :

MW-11

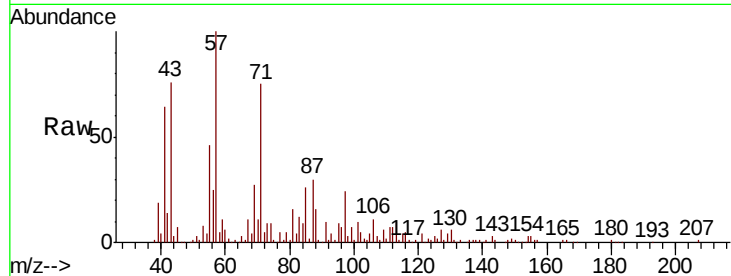
Tot Ion:113 Resp: 19989

Ion Ratio Lower Upper

113 100

55 454.5 121.6 161.6#

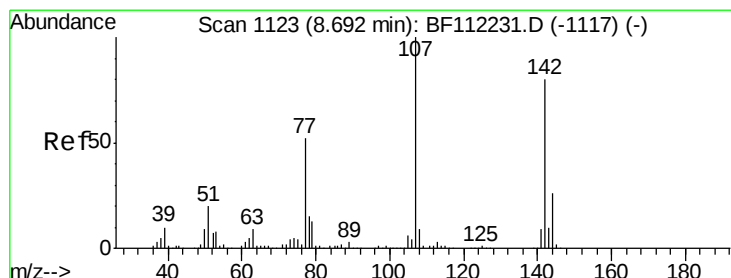
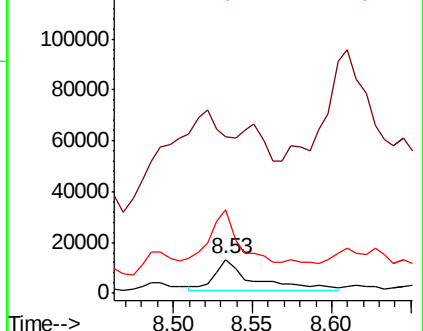
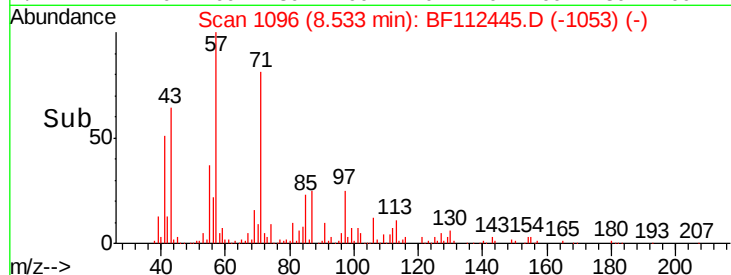
56 244.0 86.7 126.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 2.065 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF112445.D

Acq: 7 Feb 2019 18:27

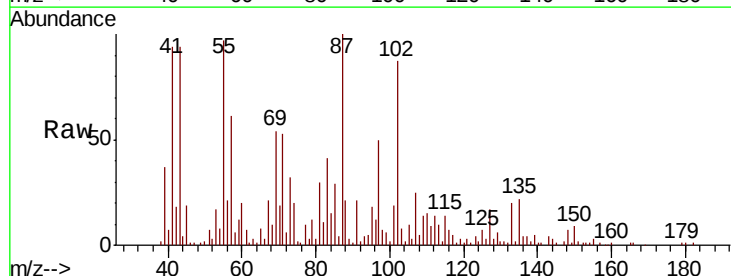
Tgt Ion:107 Resp: 16941

Ion Ratio Lower Upper

107 100

144 11.3 22.2 33.2#

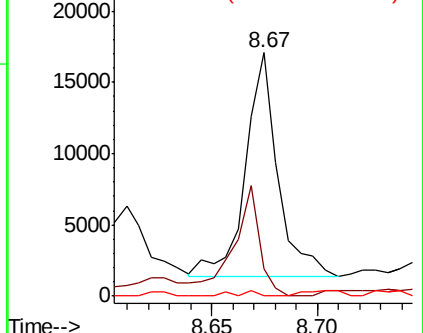
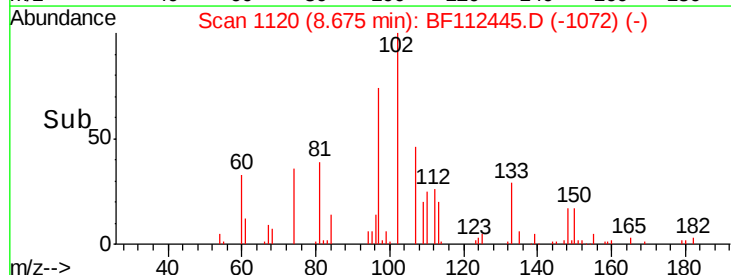
142 0.0 67.7 101.5#

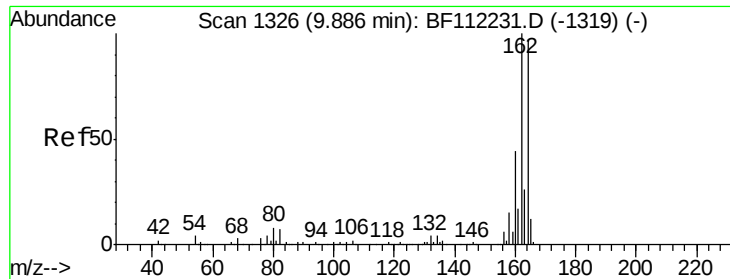


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

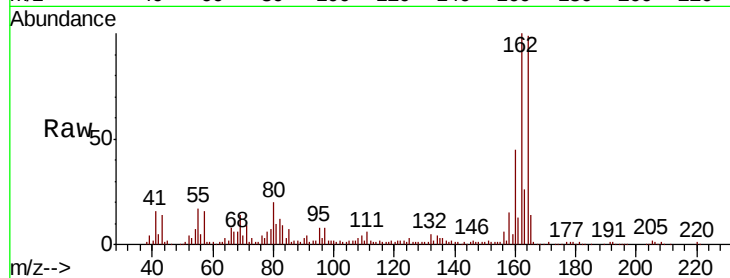




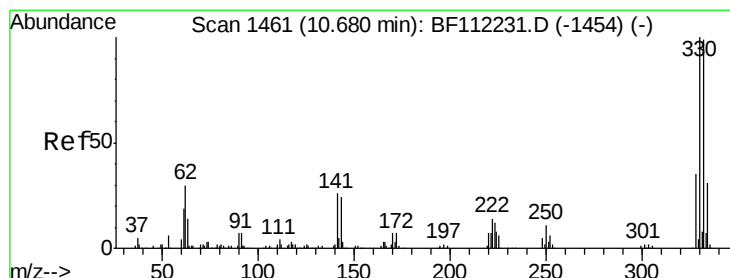
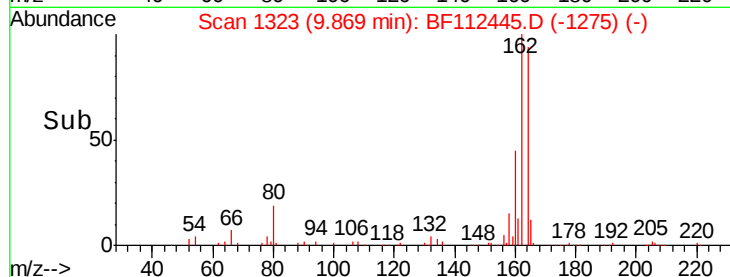
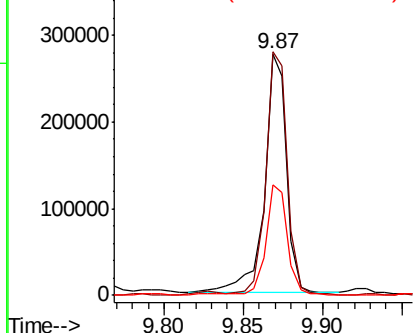
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112445.D
Acq: 7 Feb 2019 18:27

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:164 Resp: 271080
Ion Ratio Lower Upper
164 100
162 100.8 82.2 123.4
160 45.7 36.2 54.4

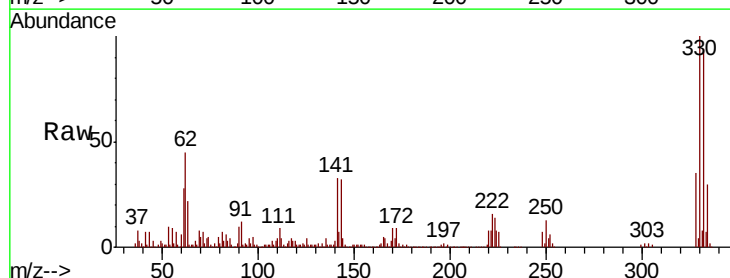


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

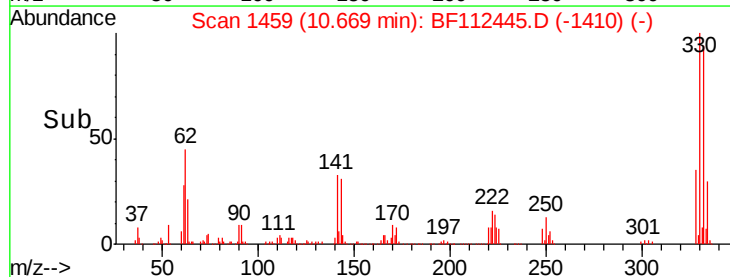
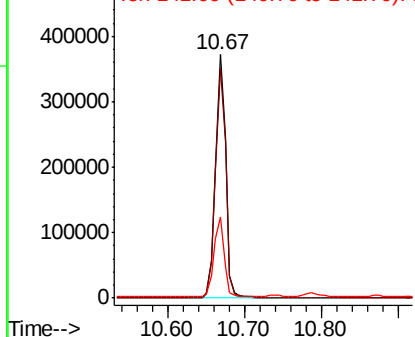


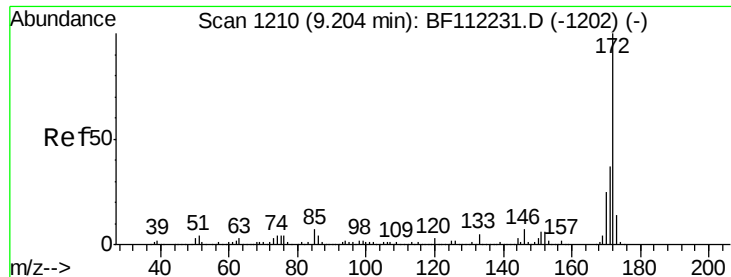
#42
2,4,6-Tribromophenol
Concen: 105.516 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112445.D
Acq: 7 Feb 2019 18:27

Tgt Ion:330 Resp: 332935
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 31.8 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

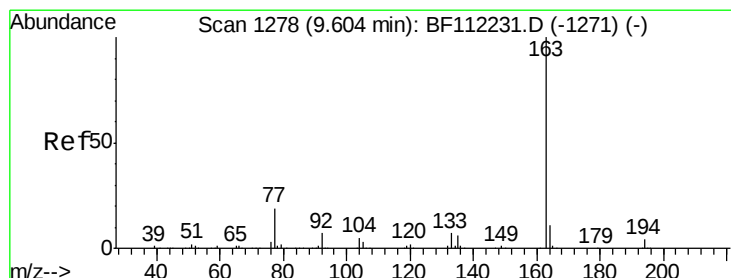
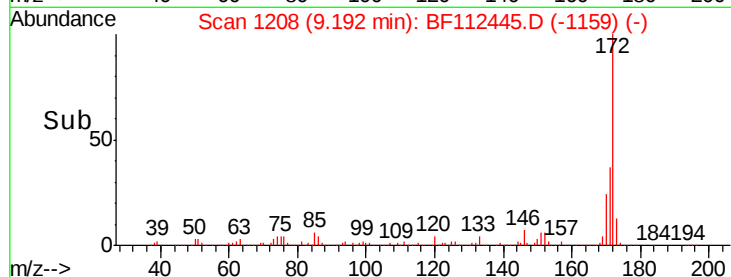
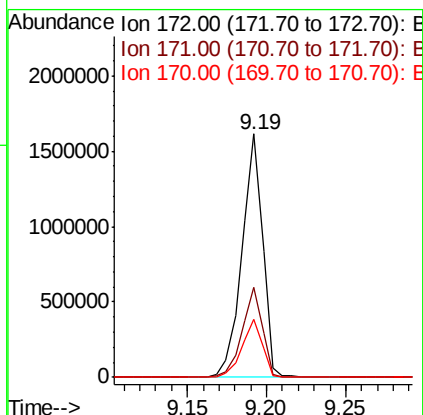
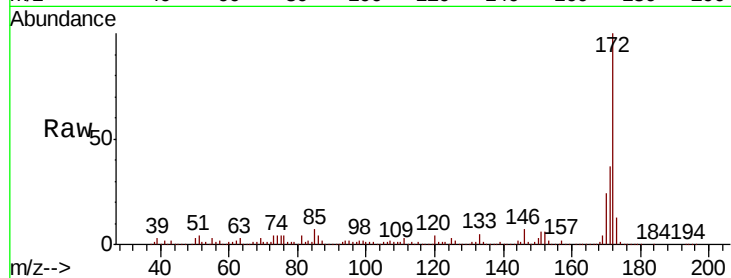




#45
2-Fluorobiphenyl
Concen: 75.845 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112445.D
Acq: 7 Feb 2019 18:27

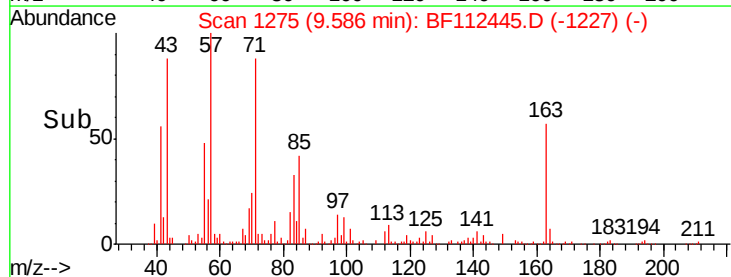
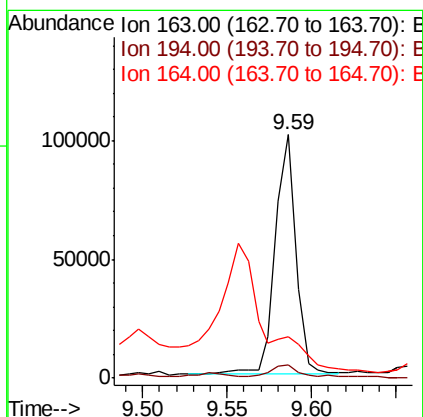
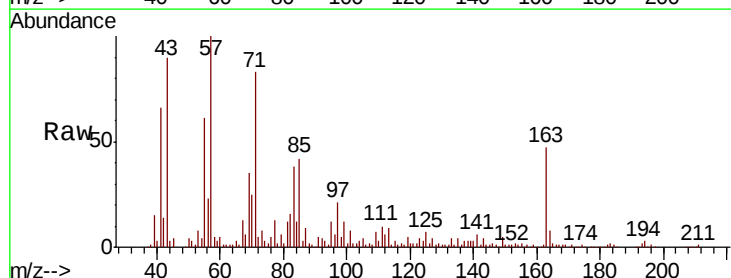
Instrument :
BNA_F
ClientSampleId :
MW-11

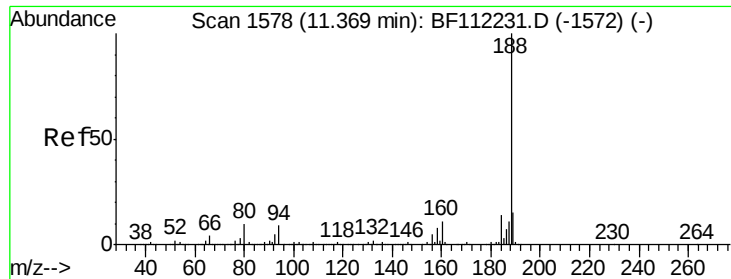
Tot Ion:172 Resp: 1453695
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.0 20.2 30.4



#50
Dimethylphthalate
Concen: 3.981 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112445.D
Acq: 7 Feb 2019 18:27

Tgt Ion:163 Resp: 83836
Ion Ratio Lower Upper
163 100
194 5.6 3.3 4.9#
164 16.8 8.5 12.7#

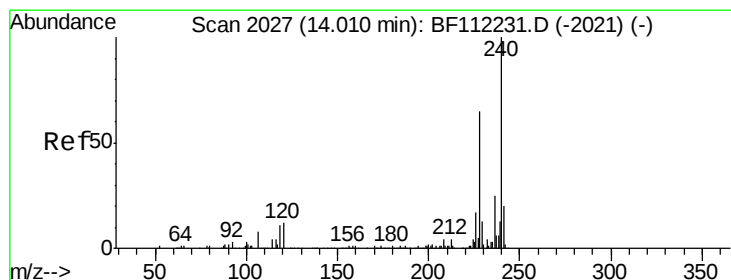
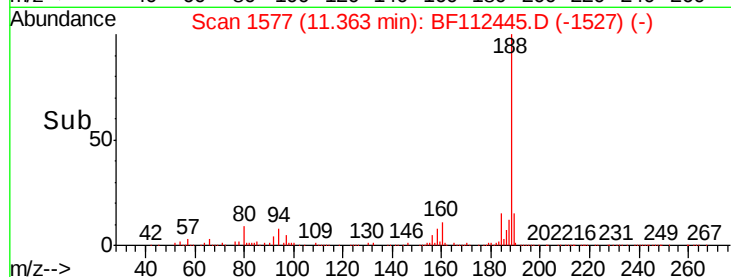
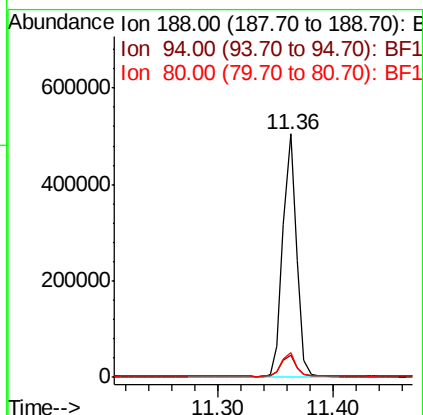
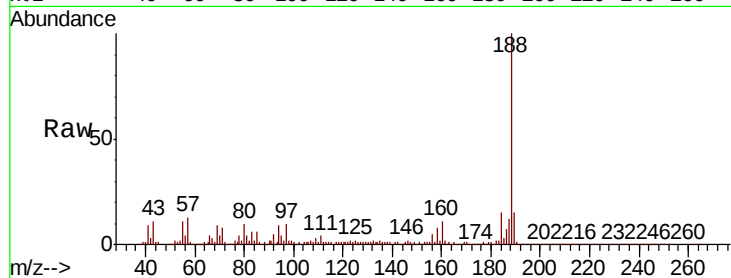




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112445.D
Acq: 7 Feb 2019 18:27

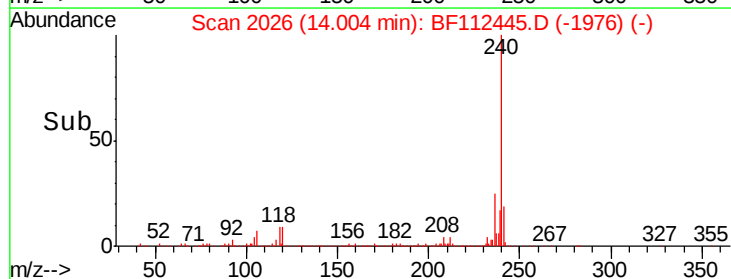
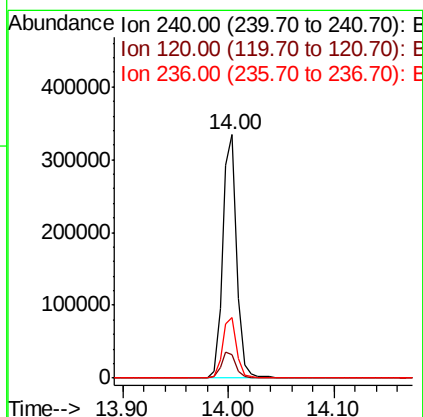
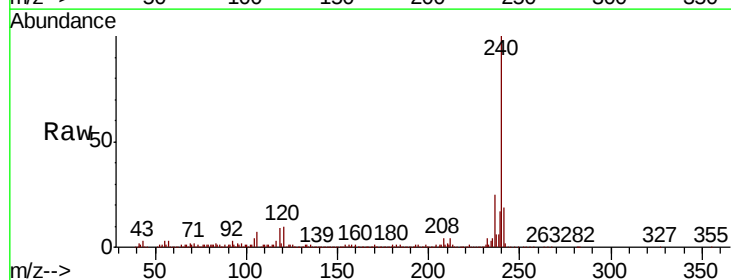
Instrument :
BNA_F
ClientSampleId :
MW-11

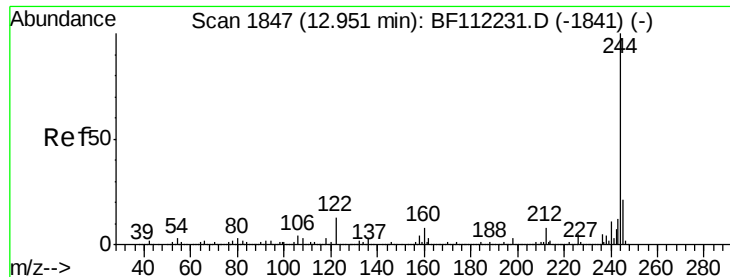
Tot Ion:188 Resp: 419820
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112445.D
Acq: 7 Feb 2019 18:27

Tgt Ion:240 Resp: 310887
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.6
236 24.9 20.7 31.1





#79

Terphenyl-d14

Concen: 73.247 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112445.D

Acq: 7 Feb 2019 18:27

Instrument :

BNA_F

ClientSampleId :

MW-11

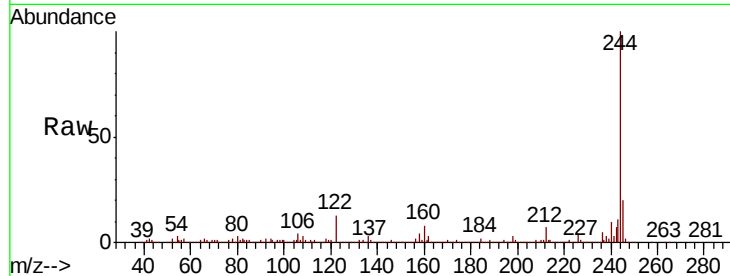
Tot Ion:244 Resp: 1209032

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

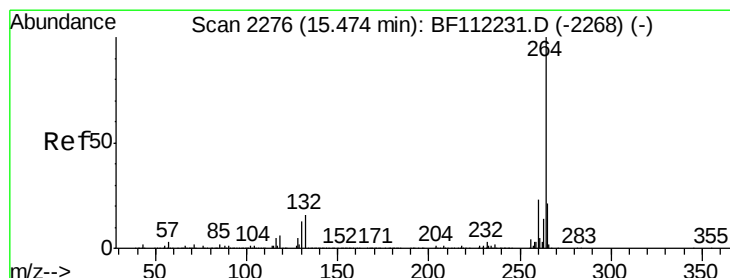
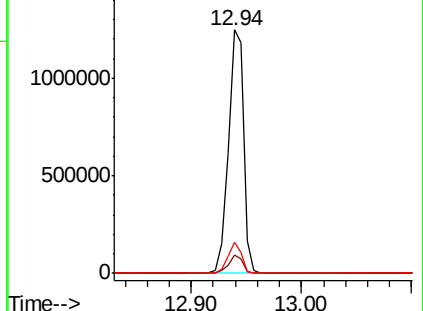
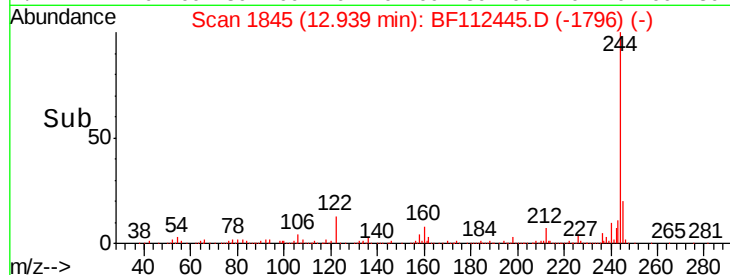
122 12.6 9.8 14.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF112445.D

Acq: 7 Feb 2019 18:27

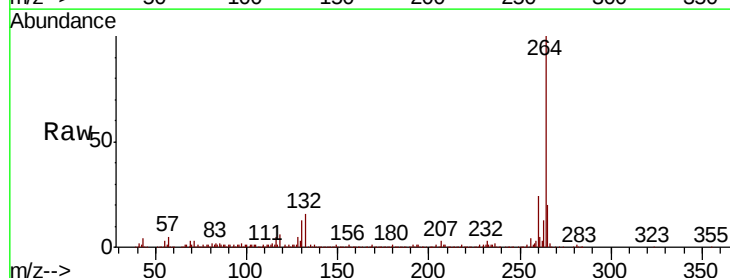
Tgt Ion:264 Resp: 291677

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 20.5 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

