

Data File : BF111500.D
Acq On : 16 Dec 2018 7:27
Operator : JU/SJ
Sample : PB115697TB
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115697TB

Quant Time: Dec 17 01:00:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

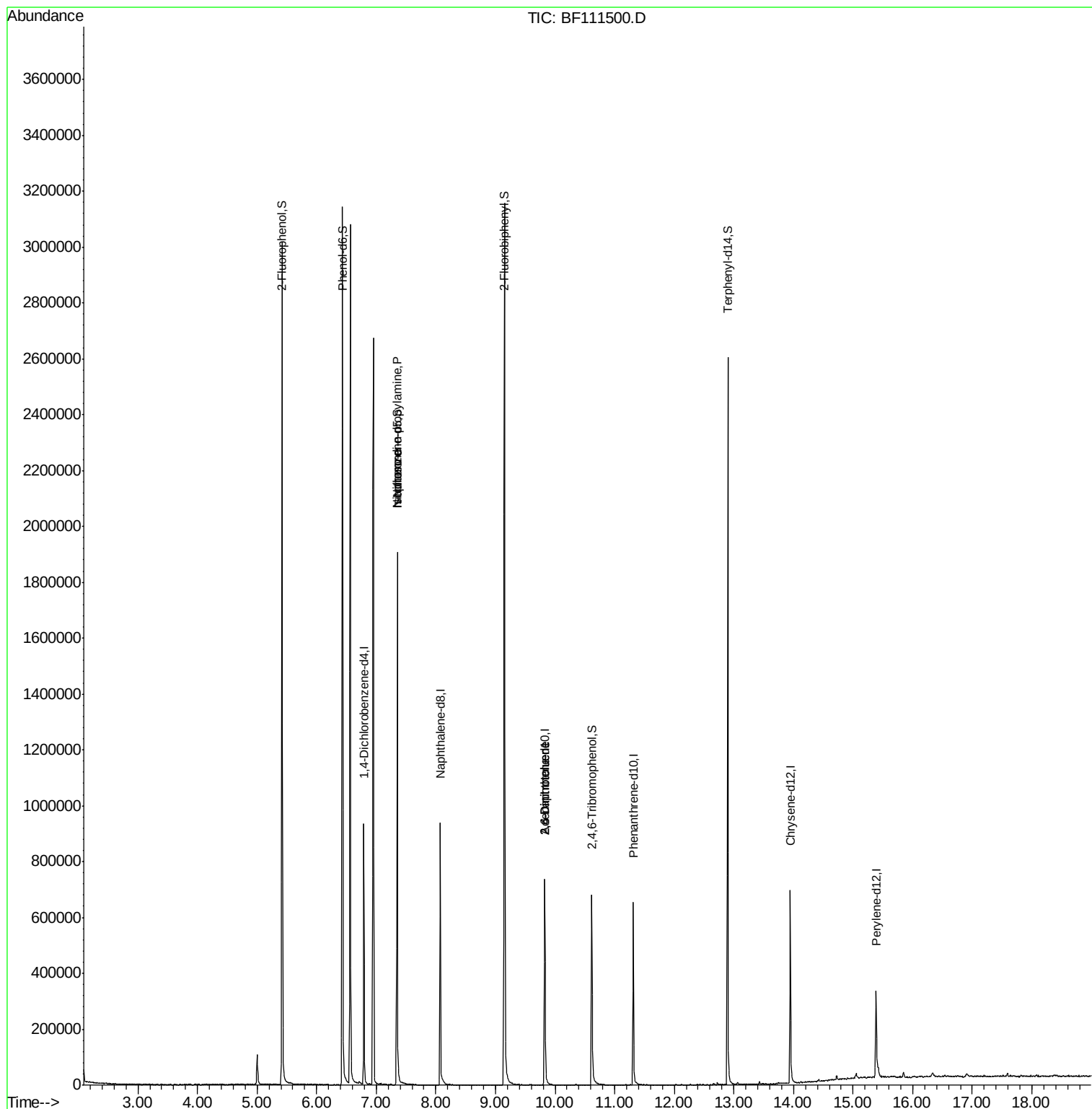
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	126211	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	449778	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	161365	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	263362	20.00	ng	0.00
76) Chrysene-d12	13.94	240	273727	20.00	ng	0.00
87) Perylene-d12	15.39	264	174788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	788266	103.93	ng	0.00
7) Phenol-d6	6.43	99	968535	96.00	ng	0.00
23) Nitrobenzene-d5	7.35	82	574884	76.11	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	88868	61.48	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	998132	95.54	ng	0.00
79) Terphenyl-d14	12.90	244	880992	75.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	74208	11.149	ng	# 81
25) Isophorone	7.35	82	574876	44.982	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	20778	7.943	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	20778	6.052	ng	# 24

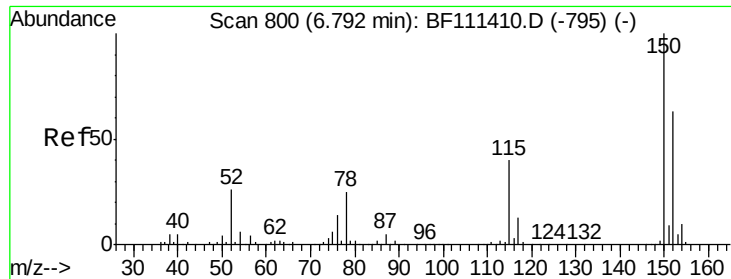
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

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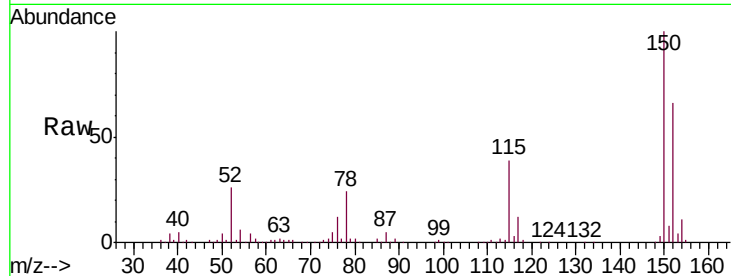
Tgt Ion:152 Resp: 126211

Ion Ratio Lower Upper

152 100

150 152.1 126.6 189.8

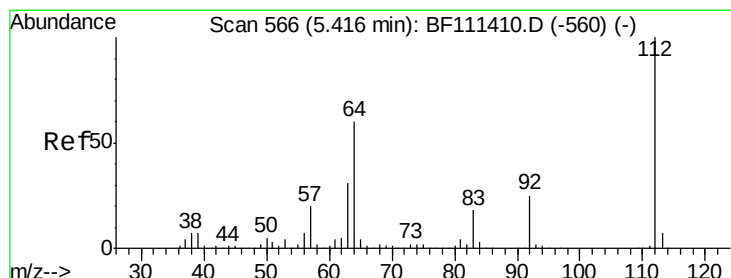
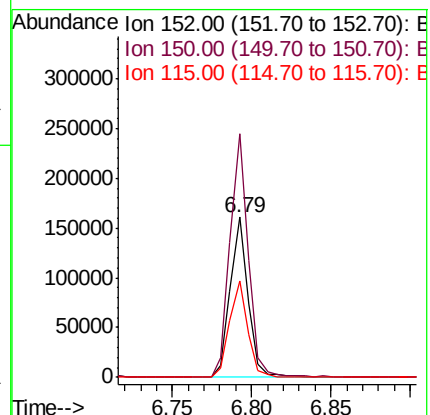
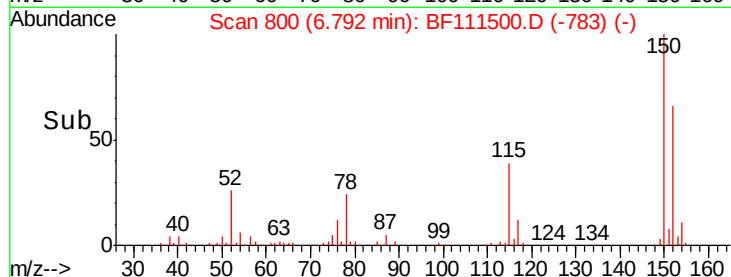
115 60.0 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 103.931 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

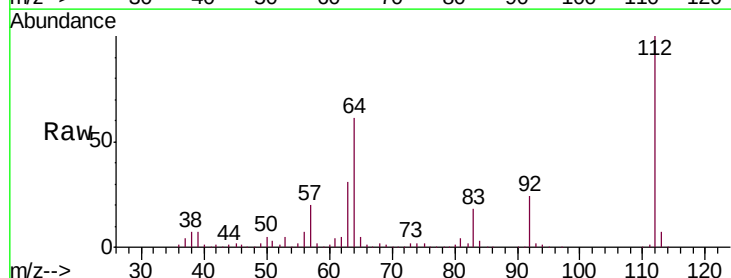
Tgt Ion:112 Resp: 788266

Ion Ratio Lower Upper

112 100

64 60.6 51.8 77.6

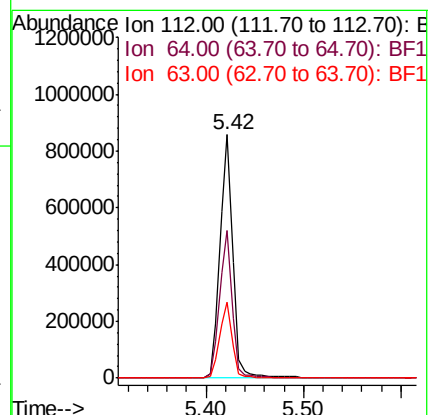
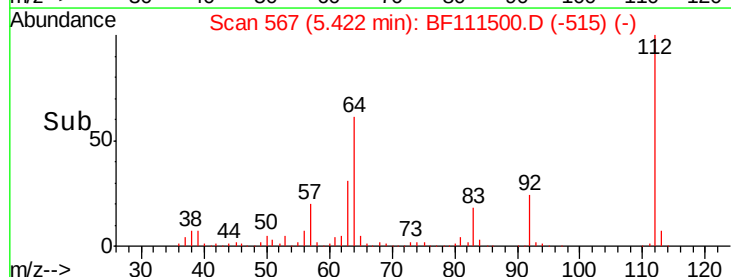
63 31.2 26.8 40.2

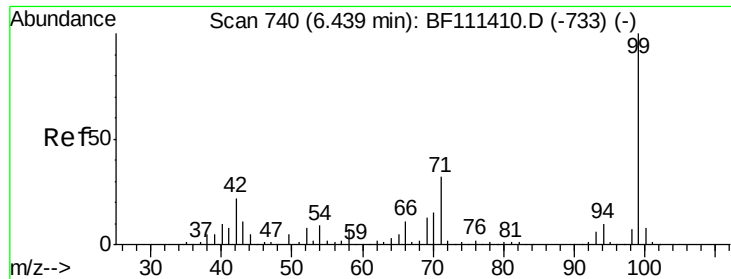


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.002 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

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Acq: 16 Dec 2018 7:27

Instrument :

BNA_F

ClientSampleId :

PB115697TB

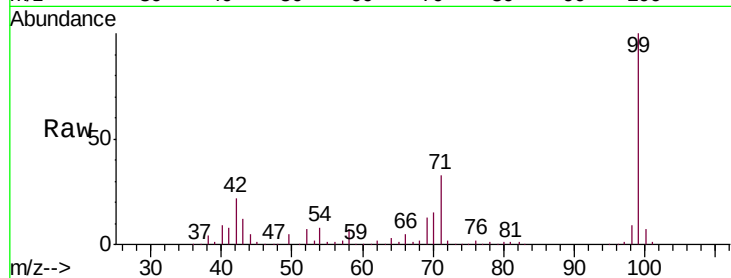
Tgt Ion: 99 Resp: 968535

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

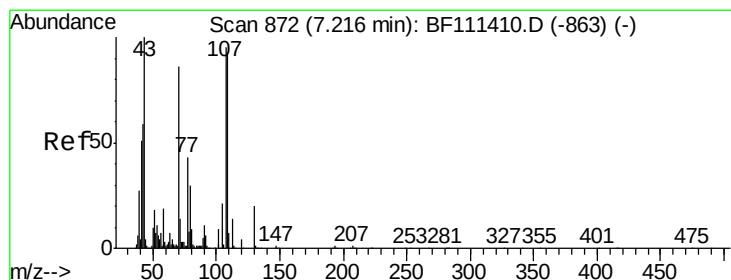
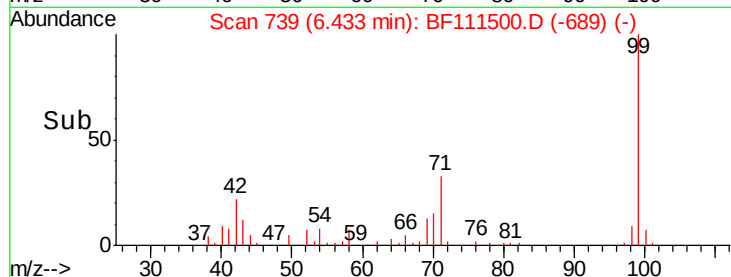
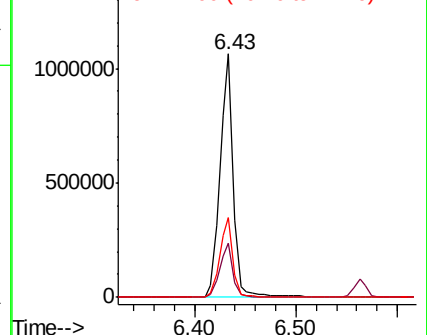
71 32.9 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.149 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

Tgt Ion: 70 Resp: 74208

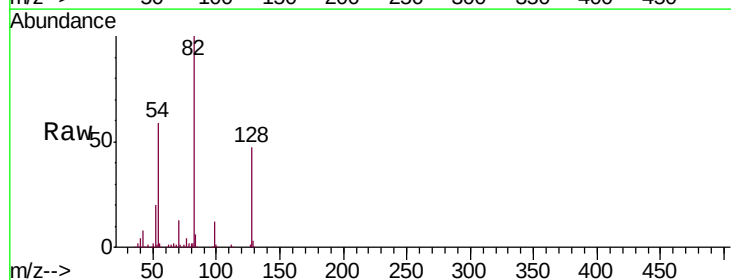
Ion Ratio Lower Upper

70 100

42 58.2 53.2 79.8

101 0.0 8.2 12.4#

130 2.2 18.1 27.1#

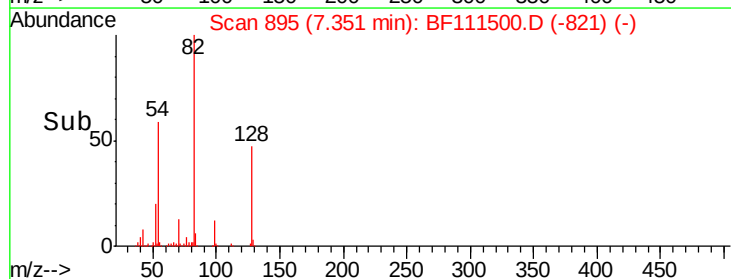
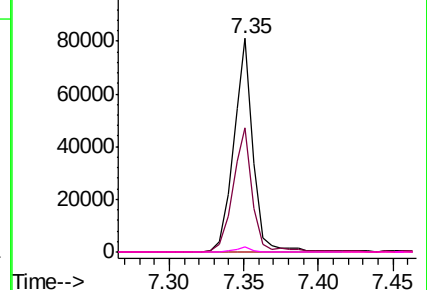


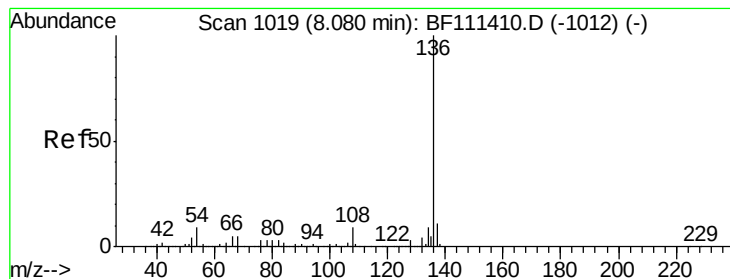
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

Instrument :

BNA_F

ClientSampleId :

PB115697TB

Tgt Ion:136 Resp: 449778

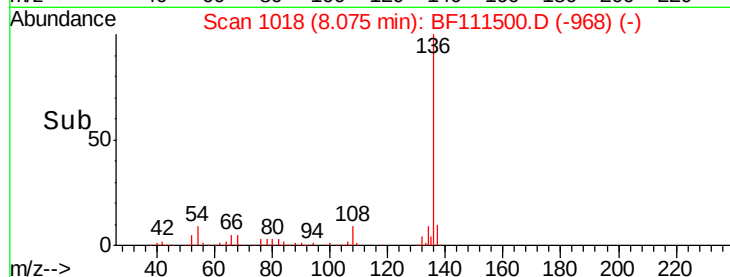
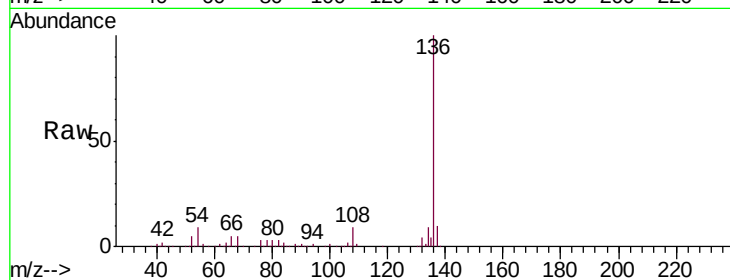
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 8.7 7.7 11.5

68 4.6 4.9 7.3#

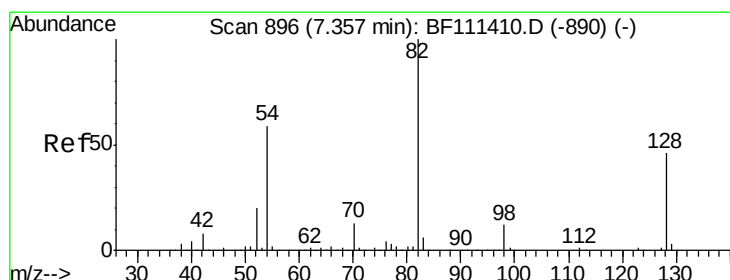
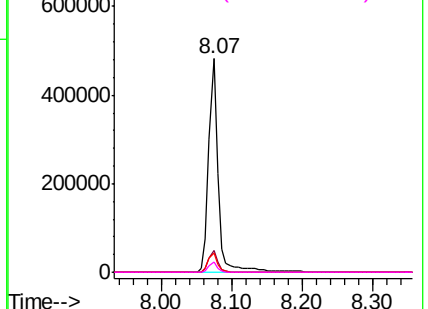


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 76.112 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

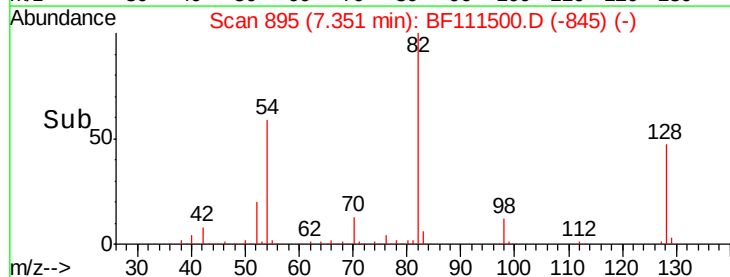
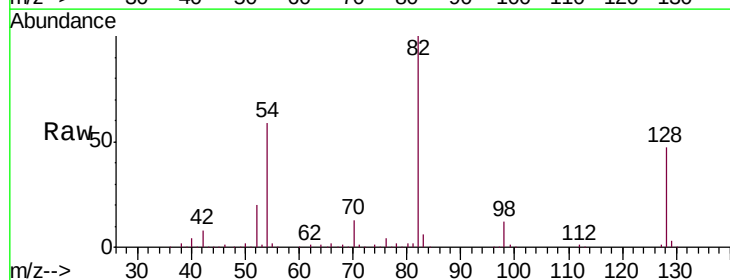
Tgt Ion: 82 Resp: 574884

Ion Ratio Lower Upper

82 100

128 46.7 37.4 56.2

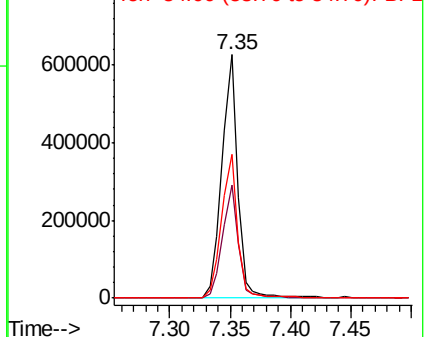
54 58.9 47.6 71.4

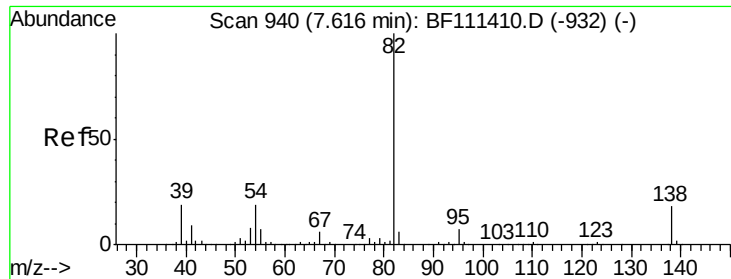


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.982 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111500.D

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PB115697TB

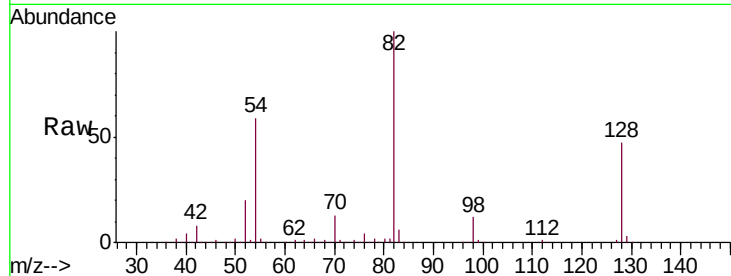
Tgt Ion: 82 Resp: 574876

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

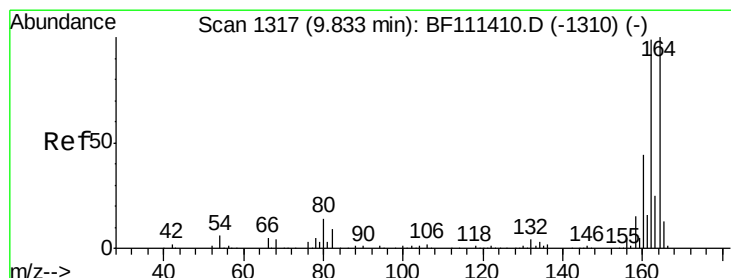
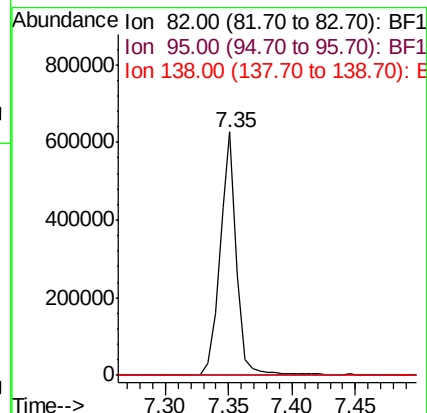
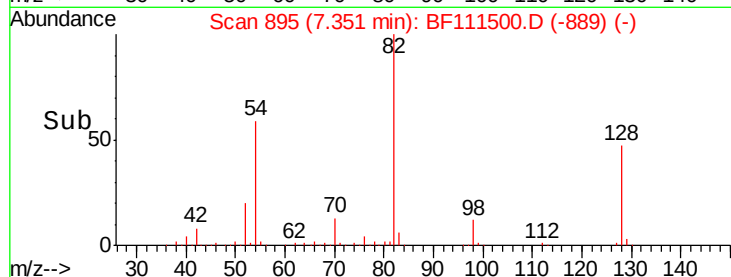
138 0.0 15.1 22.7#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

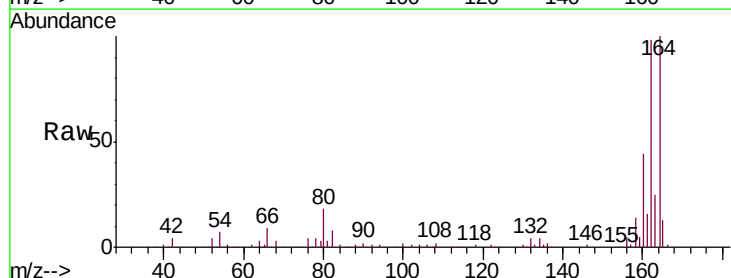
Tgt Ion: 164 Resp: 161365

Ion Ratio Lower Upper

164 100

162 98.2 81.4 122.0

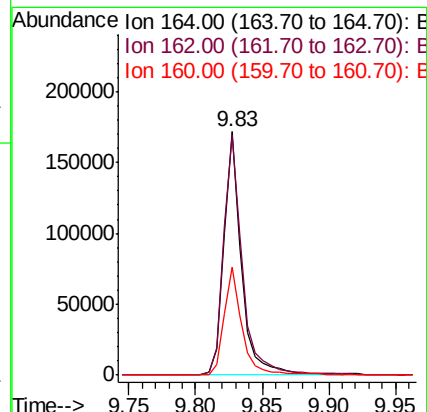
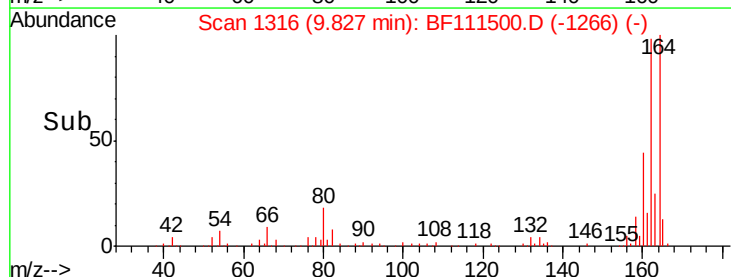
160 44.3 35.7 53.5

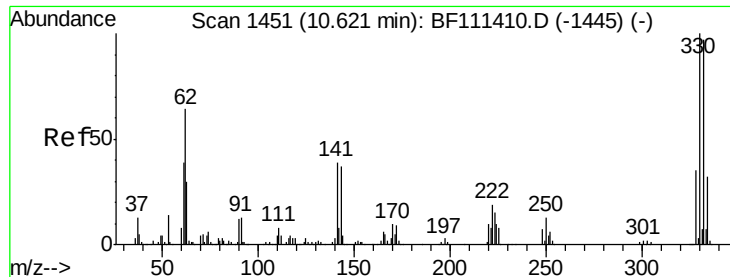


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

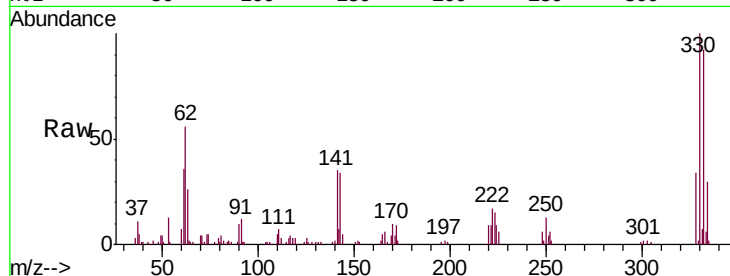




#42
 2,4,6-Tribromophenol
 Concen: 61.480 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111500.D
 Acq: 16 Dec 2018 7:27

Instrument :
 BNA_F
 ClientSampleId :
 PB115697TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.0	114.0
141	39.3	31.0	46.6

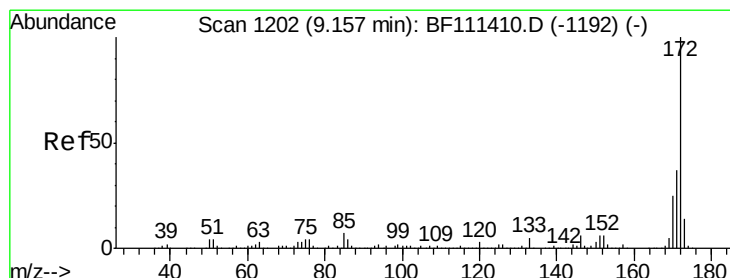
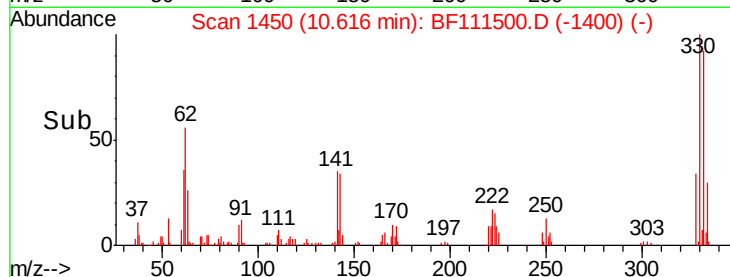
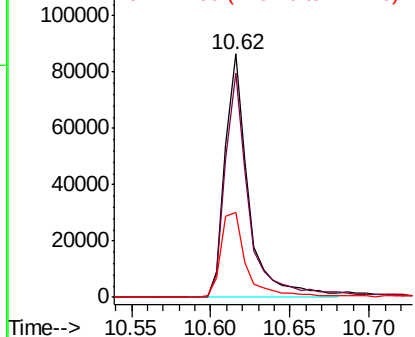


Abundance

Ion 329.80 (329.50 to 330.50): E

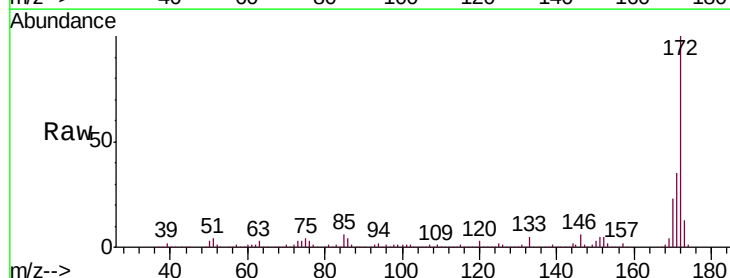
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.544 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111500.D
 Acq: 16 Dec 2018 7:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	23.1	22.3	33.5

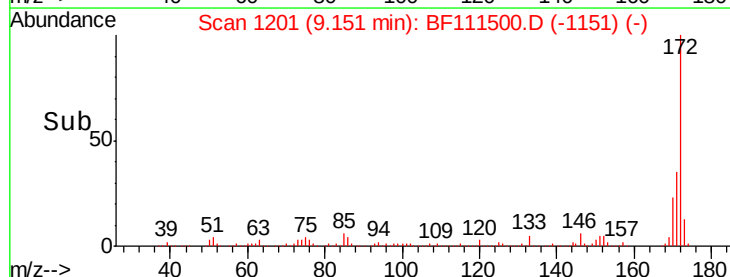
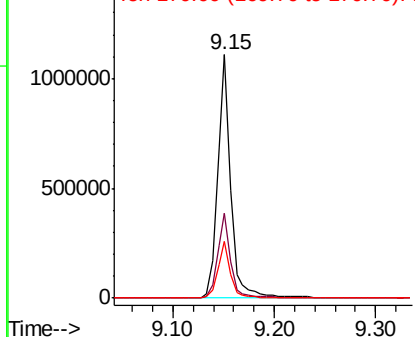


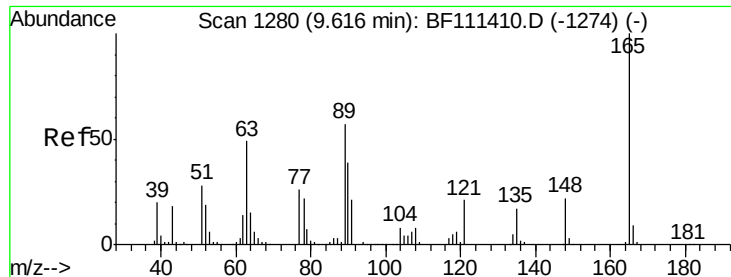
Abundance

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

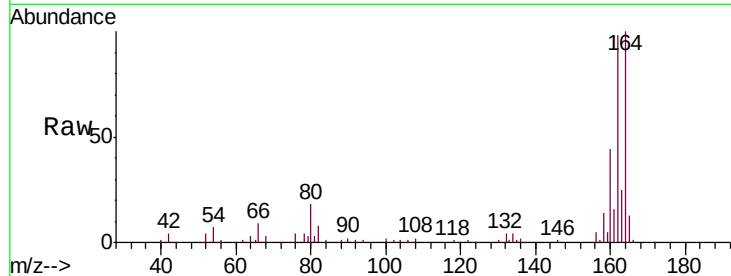




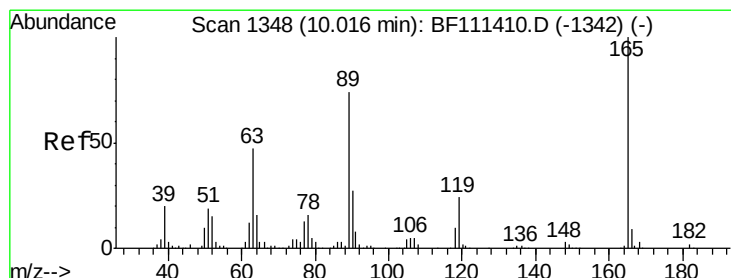
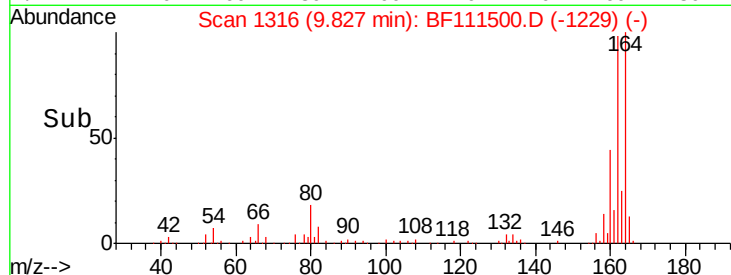
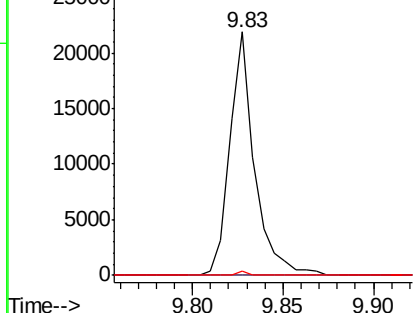
#51
 2,6-Dinitrotoluene
 Concen: 7.943 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111500.D
 Acq: 16 Dec 2018 7:27

Instrument :
 BNA_F
 ClientSampleId :
 PB115697TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.5	60.7#
89	2.0	40.0	60.0#

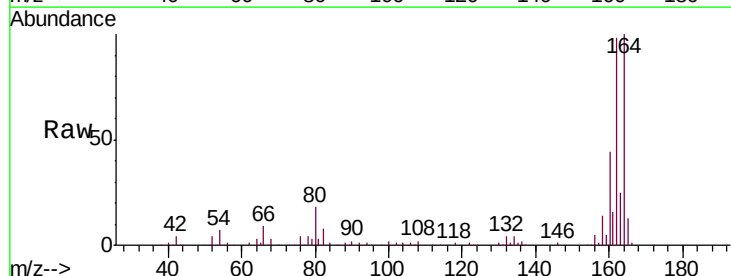


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

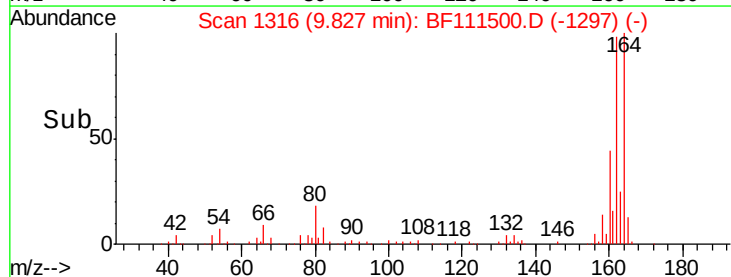
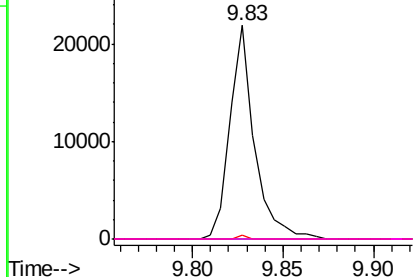


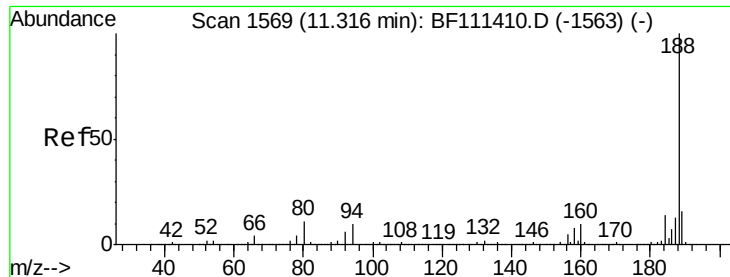
#57
 2,4-Dinitrotoluene
 Concen: 6.052 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111500.D
 Acq: 16 Dec 2018 7:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	2.0	56.2	84.4#
182	0.0	1.8	2.6#



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

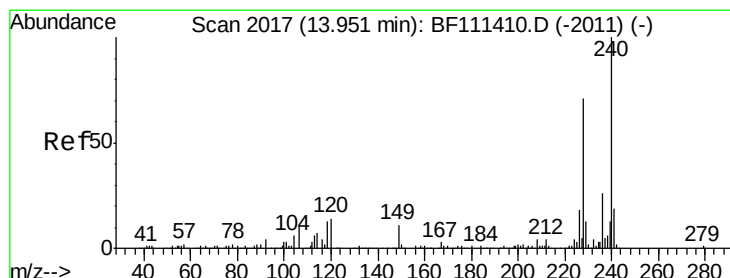
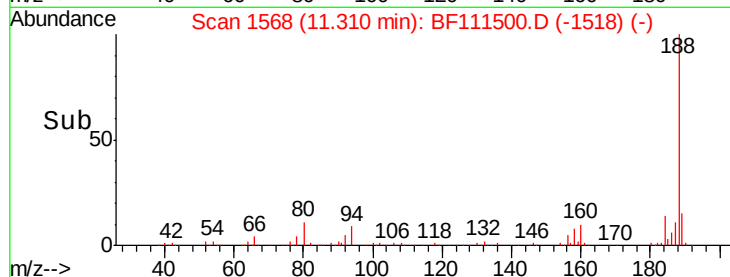
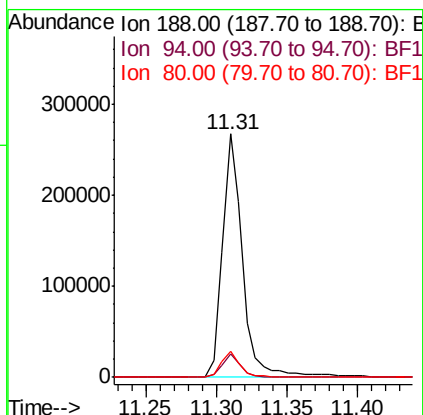
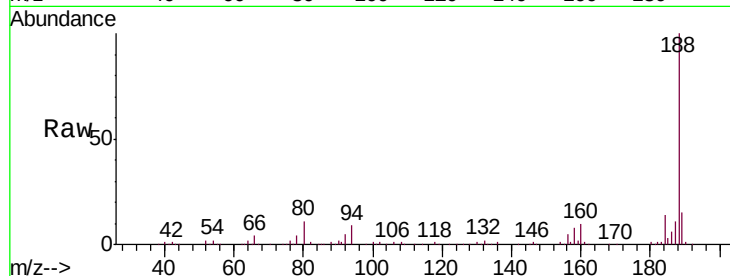




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111500.D
Acq: 16 Dec 2018 7:27

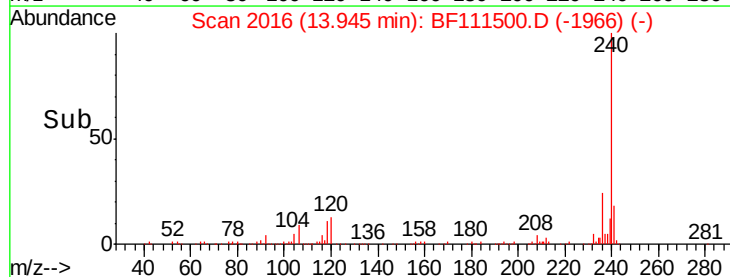
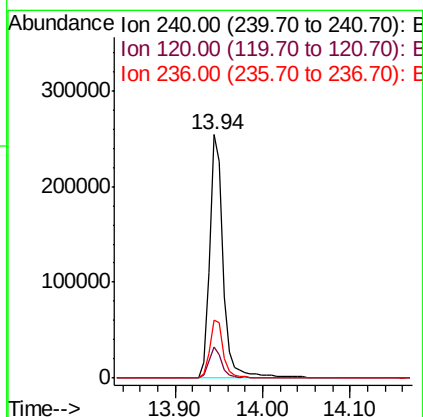
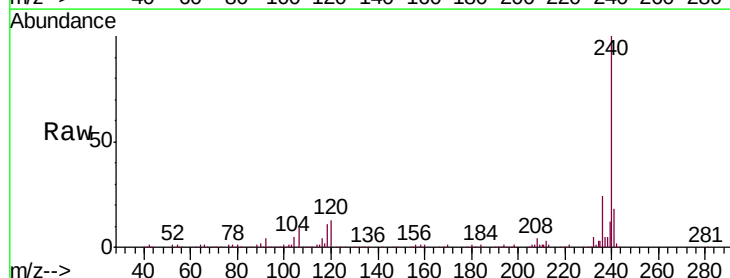
Instrument :
BNA_F
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PB115697TB

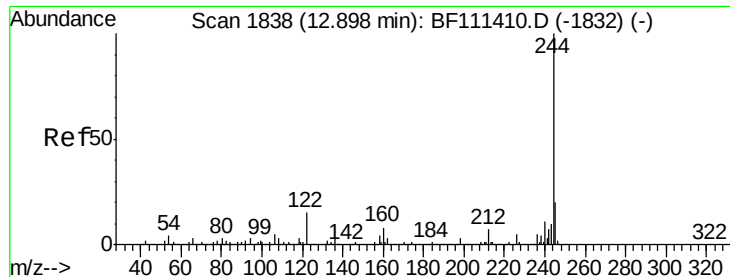
Tgt Ion:188 Resp: 263362
Ion Ratio Lower Upper
188 100
94 9.5 9.6 14.4#
80 10.9 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111500.D
Acq: 16 Dec 2018 7:27

Tgt Ion:240 Resp: 273727
Ion Ratio Lower Upper
240 100
120 12.8 12.2 18.2
236 23.9 20.2 30.2





#79

Terphenyl-d14

Concen: 75.578 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

Instrument :

BNA_F

ClientSampleId :

PB115697TB

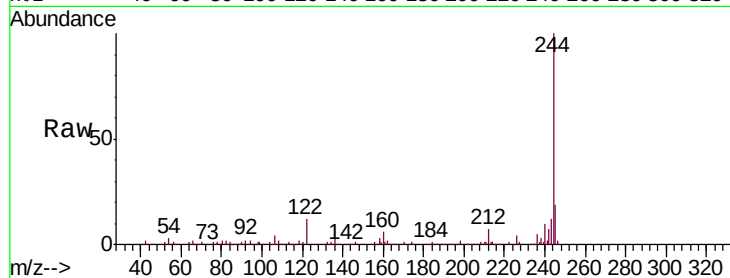
Tgt Ion:244 Resp: 880992

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

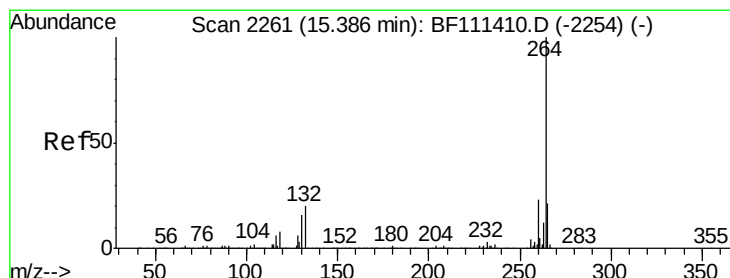
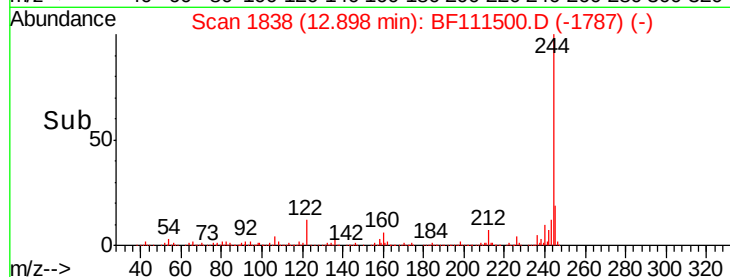
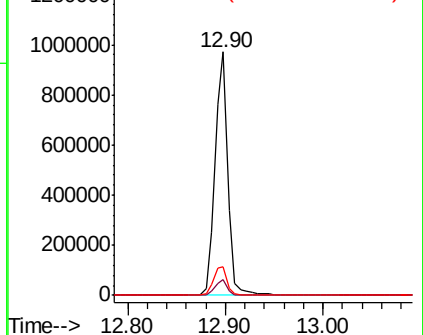
122 11.6 13.1 19.7#



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: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

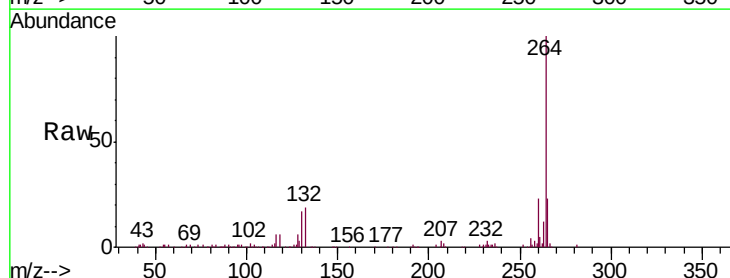
Tgt Ion:264 Resp: 174788

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 23.2 17.7 26.5



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

