

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111658.D
 Acq On : 21 Dec 2018 00:13
 Operator : JU/SJ
 Sample : J6447-04 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

Quant Time: Dec 21 06:23:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

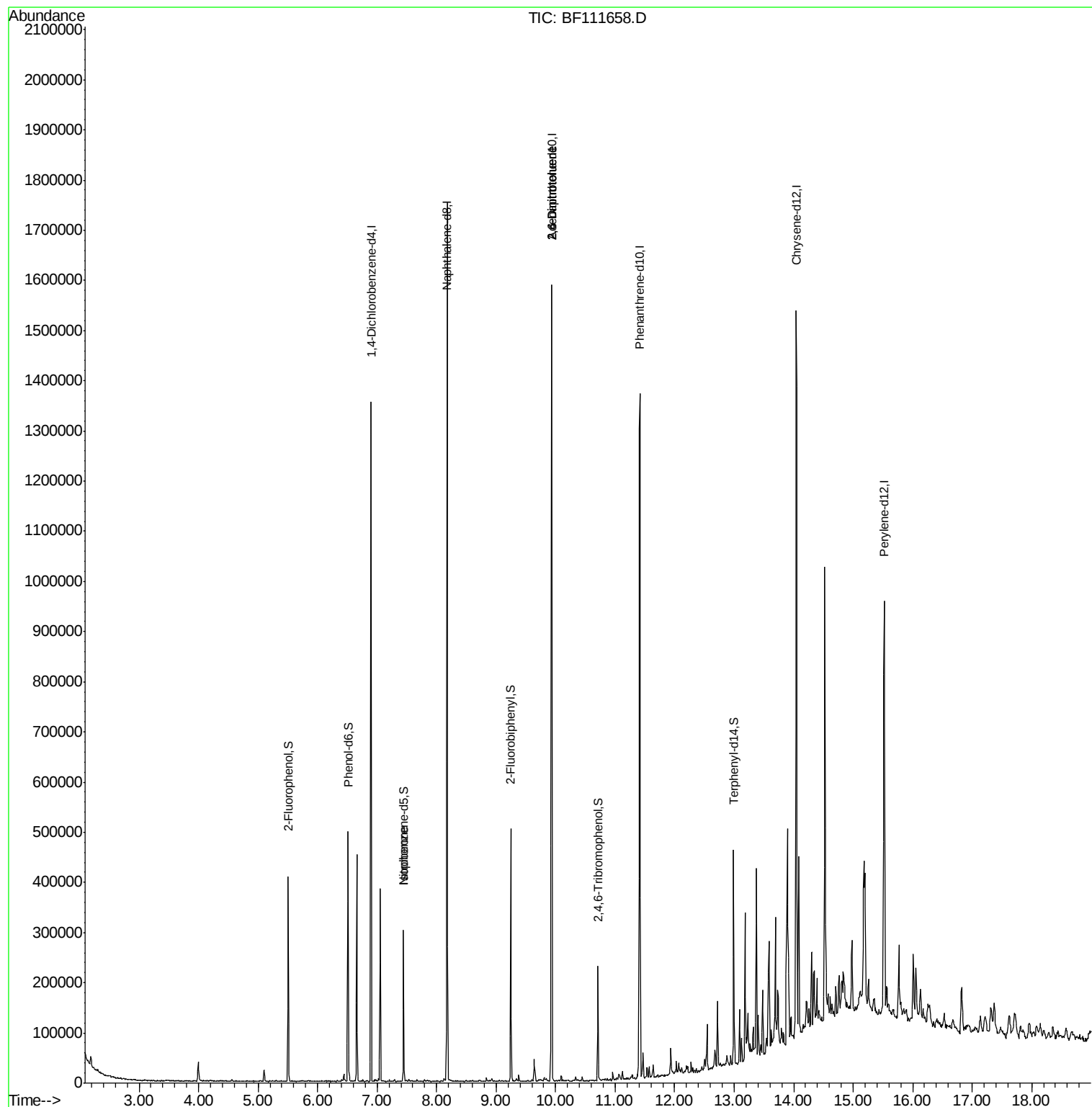
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	202441	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	732783	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	324045	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	503414	20.00	ng	0.00
76) Chrysene-d12	14.04	240	494962	20.00	ng	0.00
87) Perylene-d12	15.52	264	375943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	102691	8.65	ng	-0.01
7) Phenol-d6	6.51	99	131548	8.70	ng	-0.01
23) Nitrobenzene-d5	7.45	82	74779	5.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	25192	6.58	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	145795	6.56	ng	0.00
79) Terphenyl-d14	12.99	244	119397	4.57	ng	0.00
Target Compounds						
25) Isophorone	7.45	82	74777	3.346	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	40850	8.645	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	40850	7.193	ng	# 25

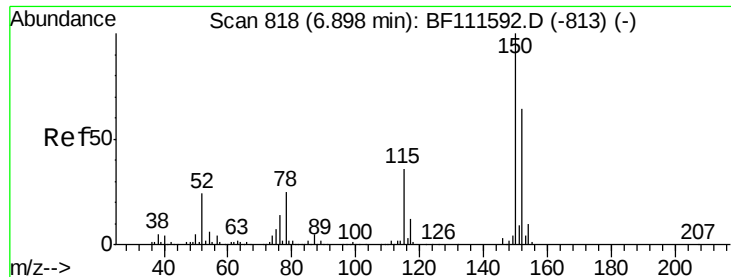
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

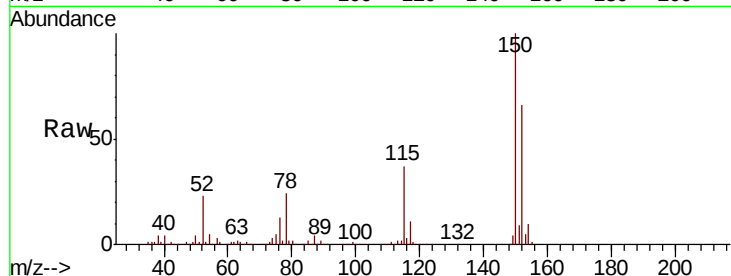
Tgt Ion:152 Resp: 202441

Ion Ratio Lower Upper

152 100

150 152.0 126.6 189.8

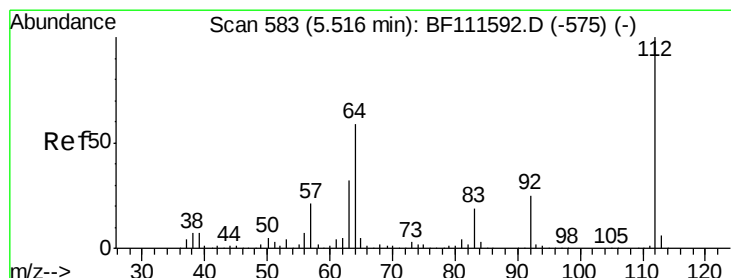
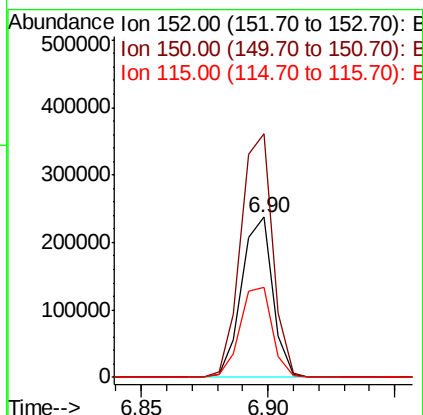
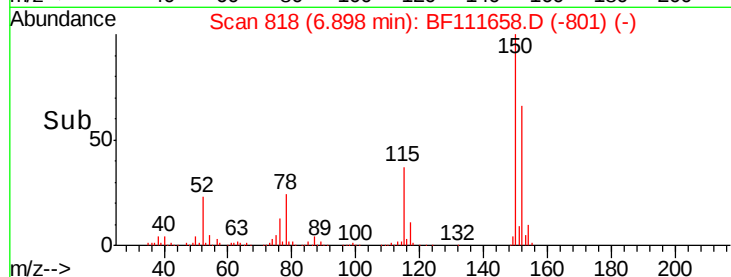
115 56.2 50.7 76.1



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: 8.646 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

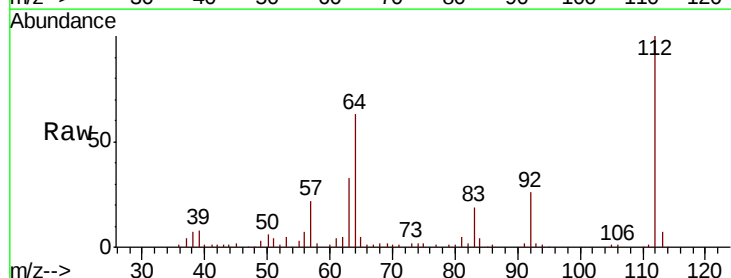
Tgt Ion:112 Resp: 102691

Ion Ratio Lower Upper

112 100

64 62.6 51.8 77.6

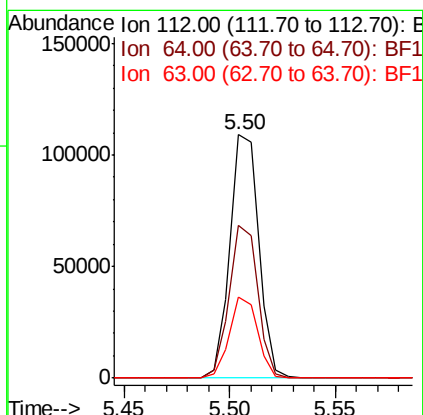
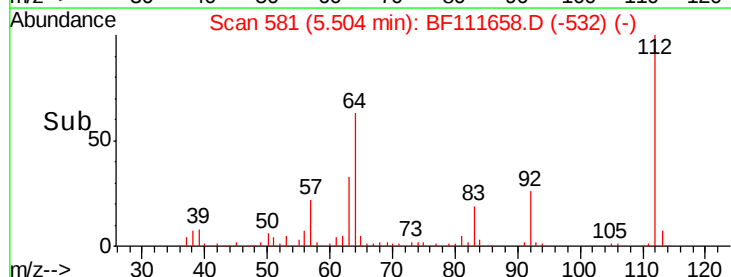
63 33.3 26.8 40.2

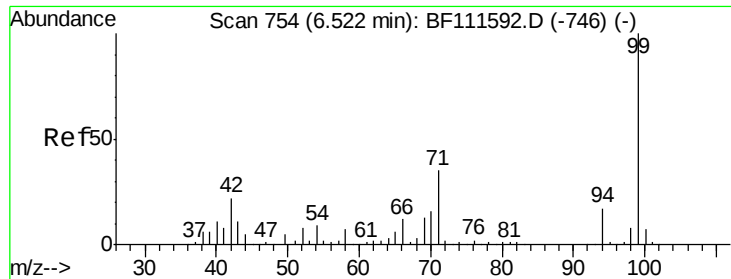


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 8.703 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

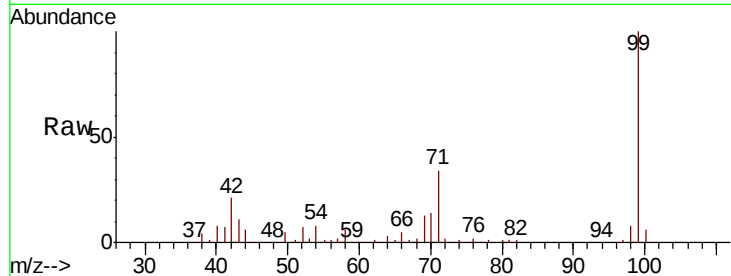
Tgt Ion: 99 Resp: 131548

Ion Ratio Lower Upper

99 100

42 21.2 17.4 26.0

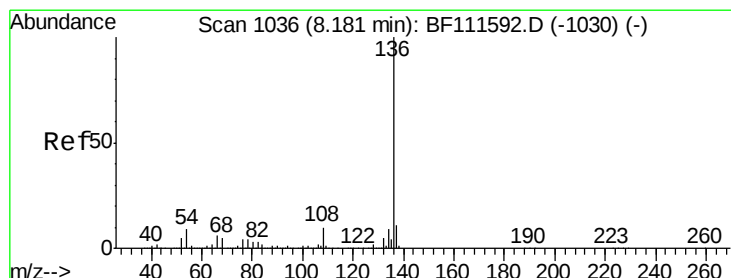
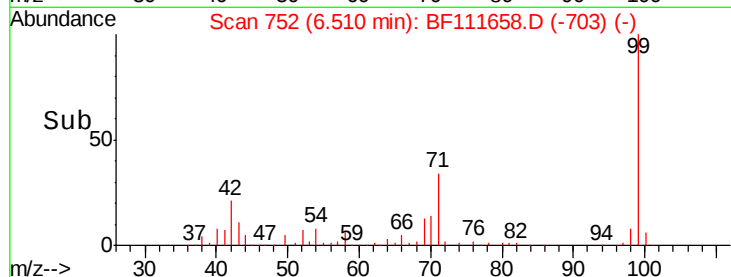
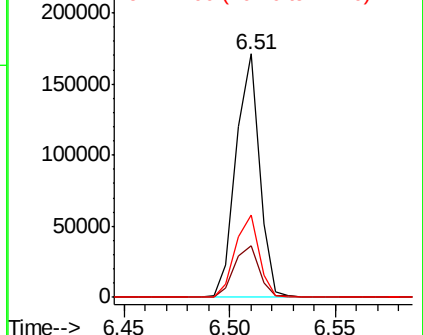
71 33.9 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

Tgt Ion: 136 Resp: 732783

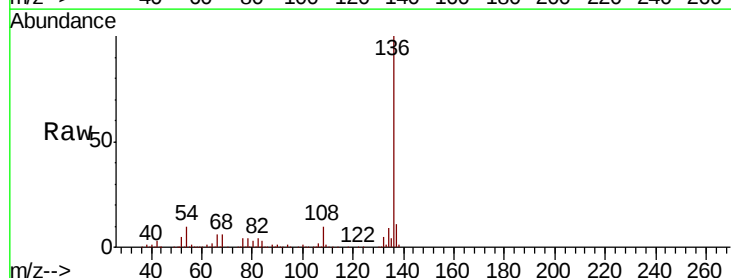
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 9.8 7.7 11.5

68 5.7 4.9 7.3

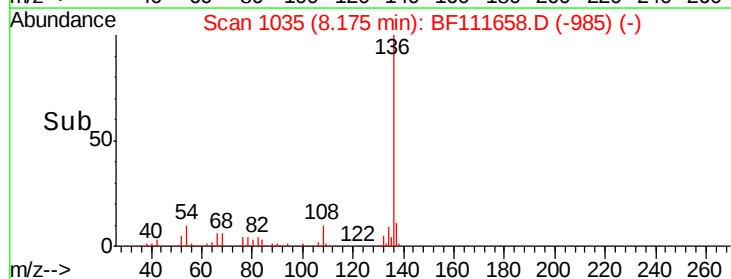
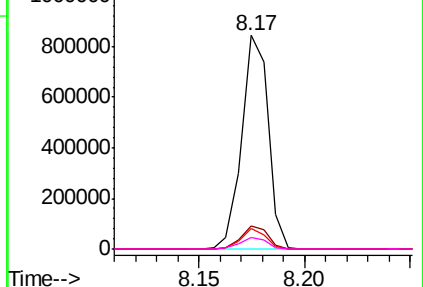


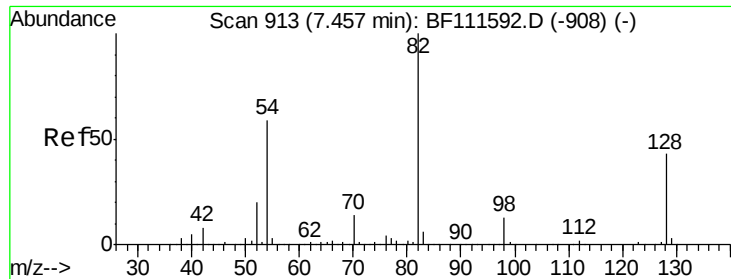
Abundance Ion 136.00 (135.70 to 136.70): E

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

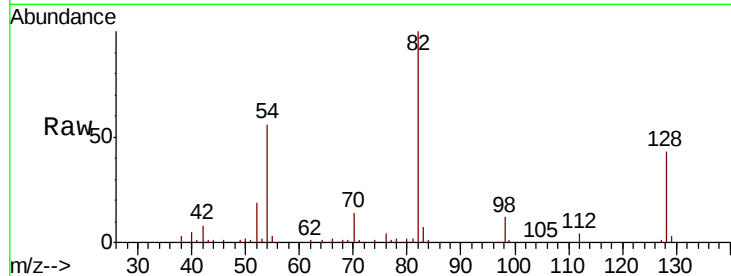




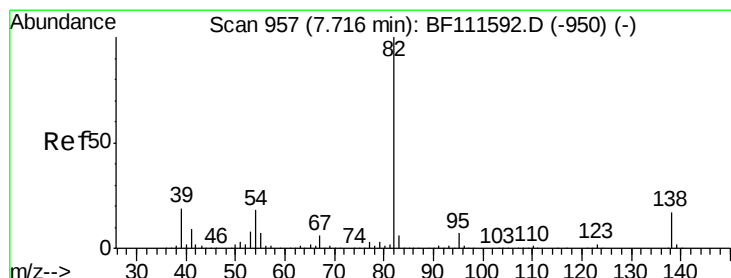
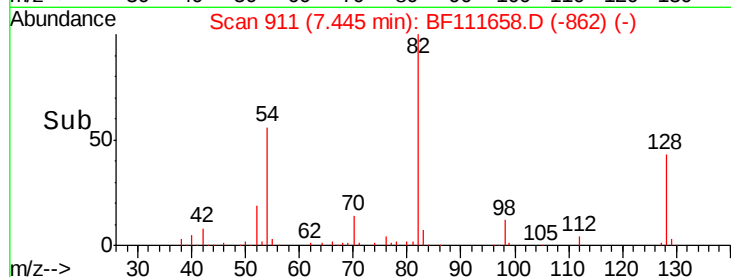
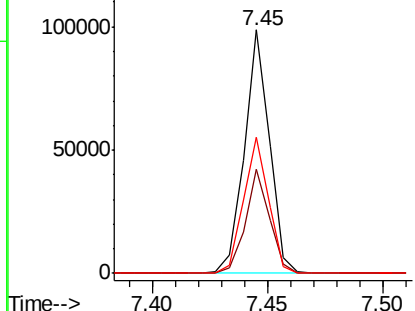
#23
 Nitrobenzene-d5
 Concen: 5.940 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111658.D
 Acq: 21 Dec 2018 00:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

Tgt Ion: 82 Resp: 74779
 Ion Ratio Lower Upper
 82 100
 128 42.8 37.4 56.2
 54 56.1 47.6 71.4

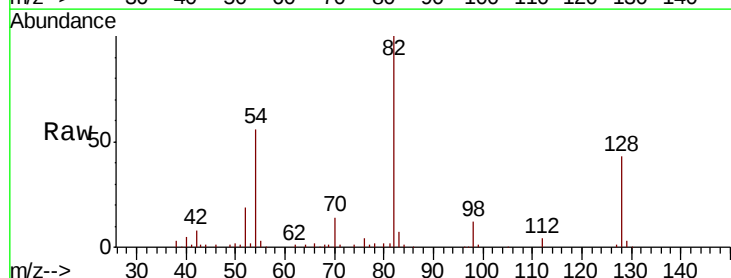


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

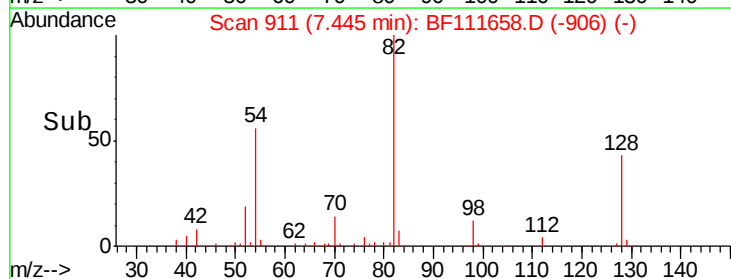
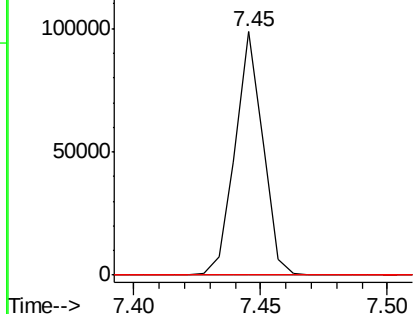


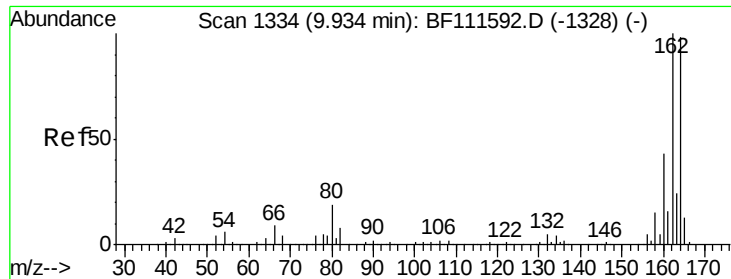
#25
 Isophorone
 Concen: 3.346 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.27 min
 Lab File: BF111658.D
 Acq: 21 Dec 2018 00:13

Tgt Ion: 82 Resp: 74777
 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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

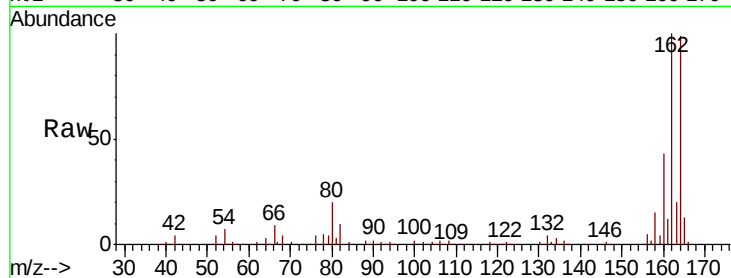
Tgt Ion:164 Resp: 324045

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

160 43.8 35.7 53.5

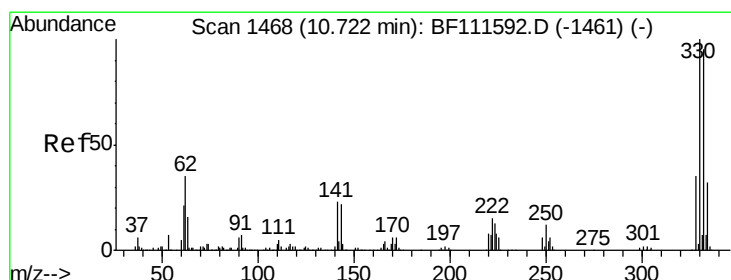
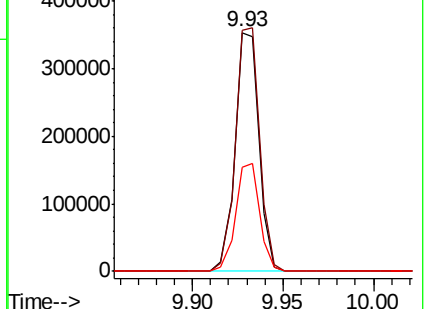
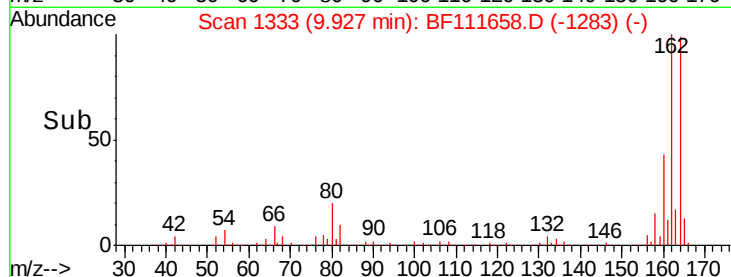


Abundance

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: 6.580 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

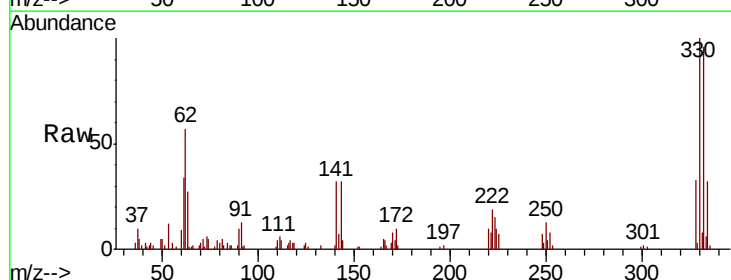
Tgt Ion:330 Resp: 25192

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 28.6 31.0 46.6#

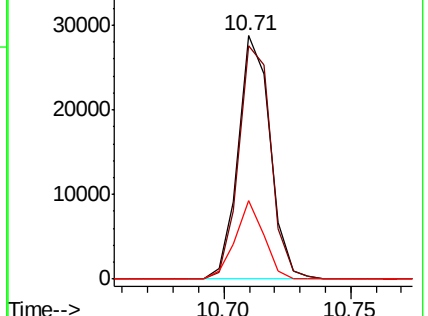
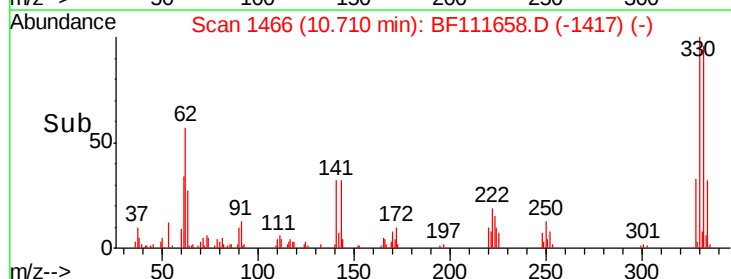


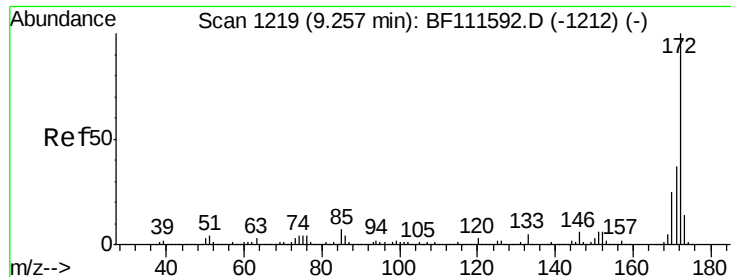
Abundance

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

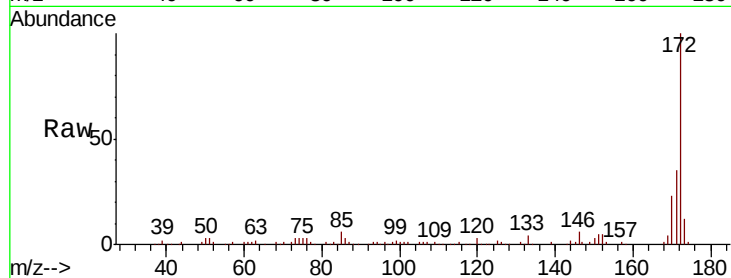




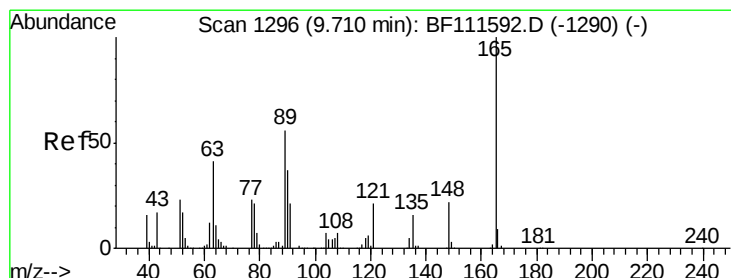
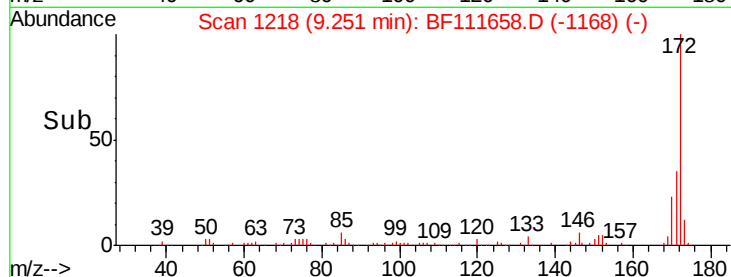
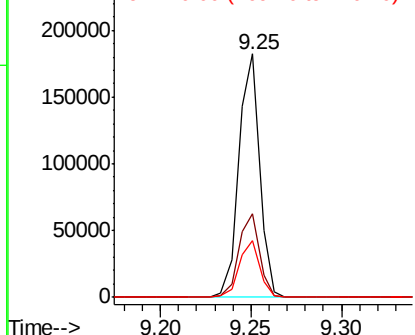
#45
 2-Fluorobiphenyl
 Concen: 6.558 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111658.D
 Acq: 21 Dec 2018 00:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	33.0	49.4
170	23.3	22.3	33.5

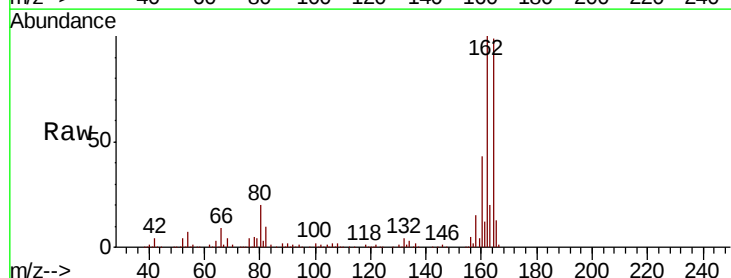


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

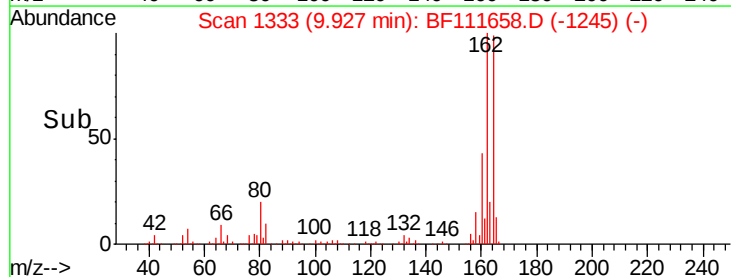
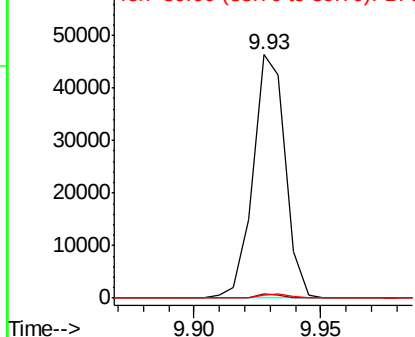


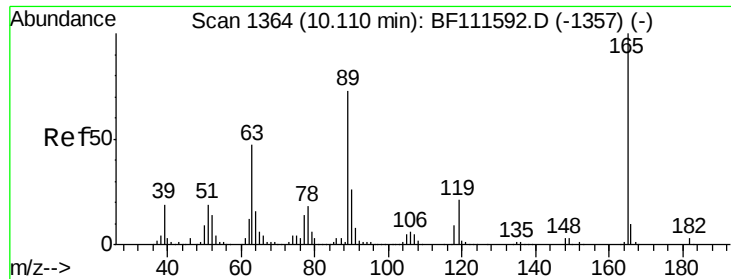
#51
 2,6-Dinitrotoluene
 Concen: 8.645 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF111658.D
 Acq: 21 Dec 2018 00:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.5	60.7#
89	1.3	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

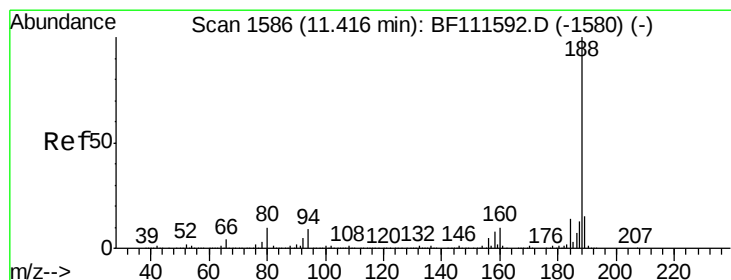
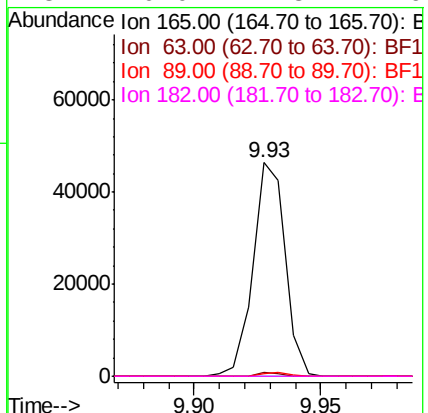
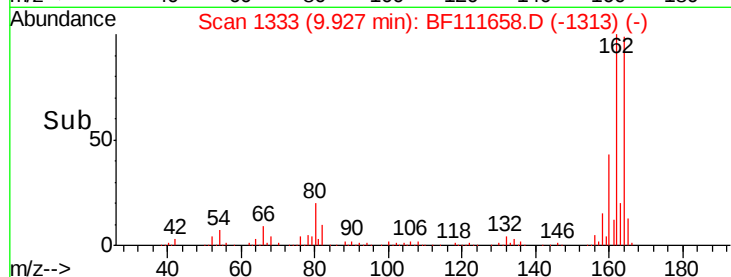
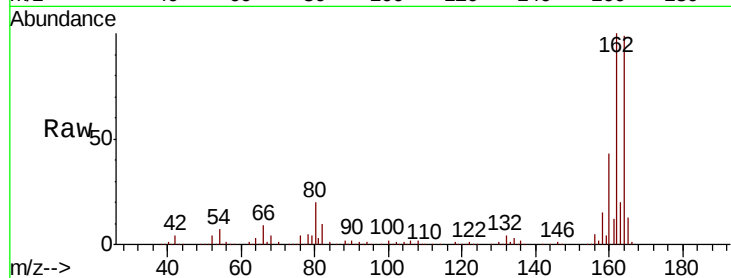




#57
2,4-Dinitrotoluene
Concen: 7.193 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111658.D
Acq: 21 Dec 2018 00:13

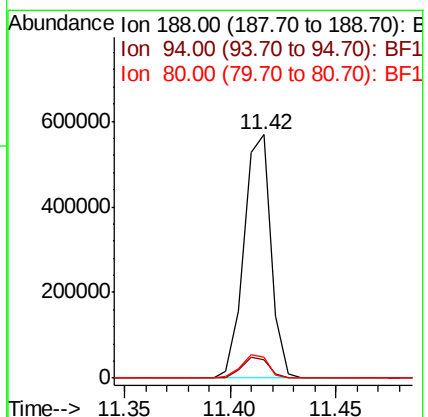
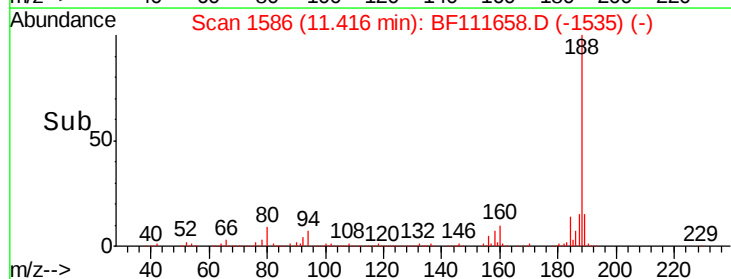
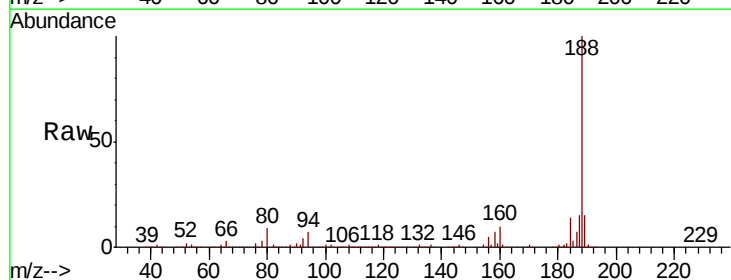
Instrument :
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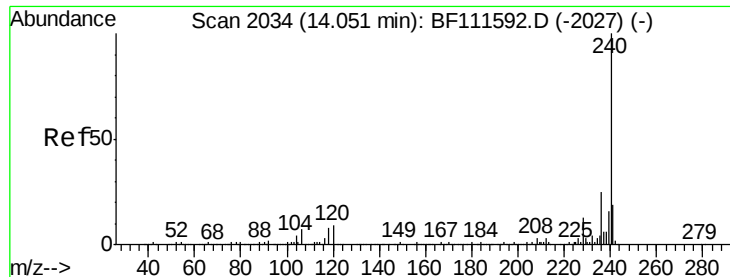
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111658.D
Acq: 21 Dec 2018 00:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.6	14.4#
80	8.5	9.8	14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

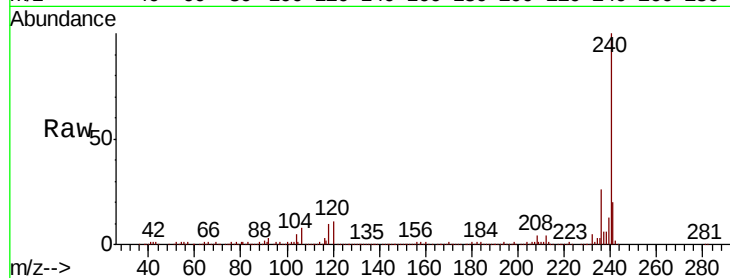
Tgt Ion:240 Resp: 494962

Ion Ratio Lower Upper

240 100

120 11.2 12.2 18.2#

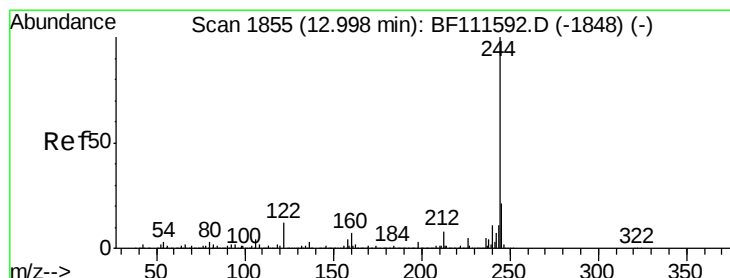
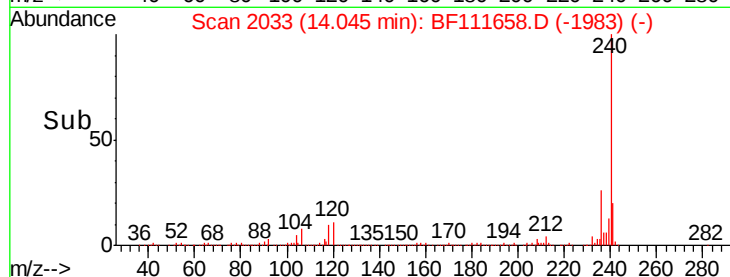
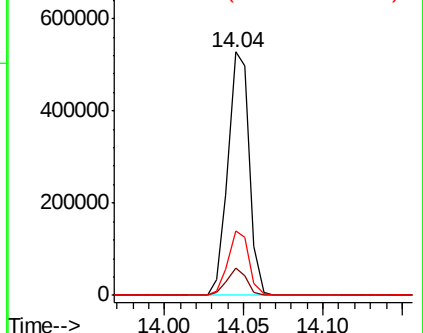
236 26.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 4.575 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

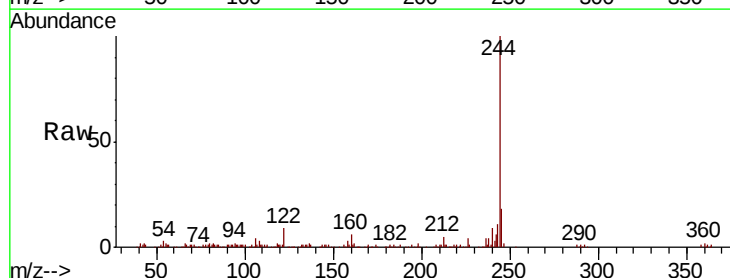
Tgt Ion:244 Resp: 119397

Ion Ratio Lower Upper

244 100

212 5.5 5.7 8.5#

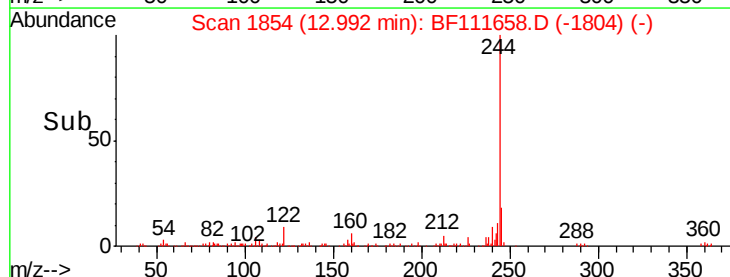
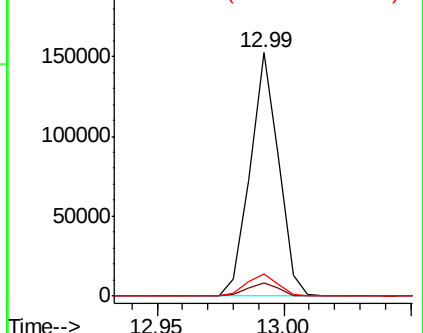
122 9.3 13.1 19.7#

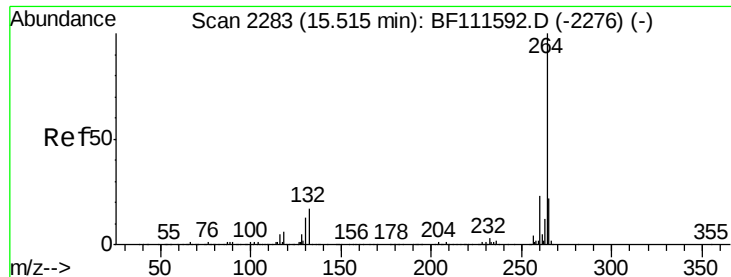


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111658.D
Acq: 21 Dec 2018 00:13

Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	22.1	17.7	26.5

