

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111769.D
 Acq On : 27 Dec 2018 18:18
 Operator : JU/SJ
 Sample : J6426-01 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01

Quant Time: Dec 28 00:15:40 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

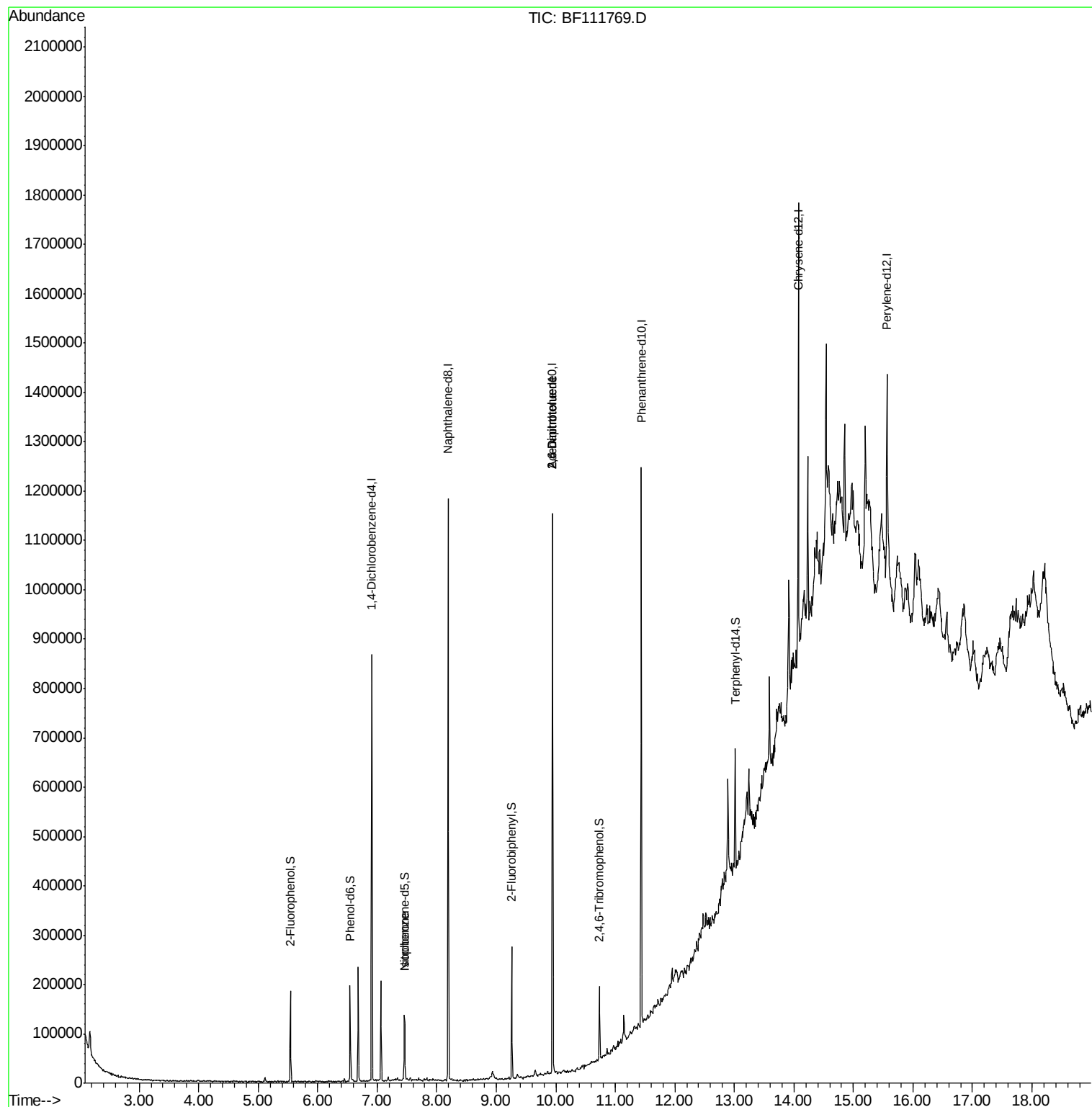
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	127449	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	462312	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	209713	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	367383	20.00	ng	0.02
76) Chrysene-d12	14.07	240	298773	20.00	ng	0.02
87) Perylene-d12	15.57	264	220900	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	47693	6.38	ng	0.02
7) Phenol-d6	6.55	99	60553	6.36	ng	0.02
23) Nitrobenzene-d5	7.46	82	37977	4.78	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	15174	6.12	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	78629	5.46	ng	0.00
79) Terphenyl-d14	13.02	244	83692	5.31	ng	0.02
Target Compounds						
25) Isophorone	7.46	82	37977	2.693	ng	# 64
51) 2,6-Dinitrotoluene	9.95	165	27433	8.971	ng	# 29
57) 2,4-Dinitrotoluene	9.95	165	27433	7.464	ng	# 25

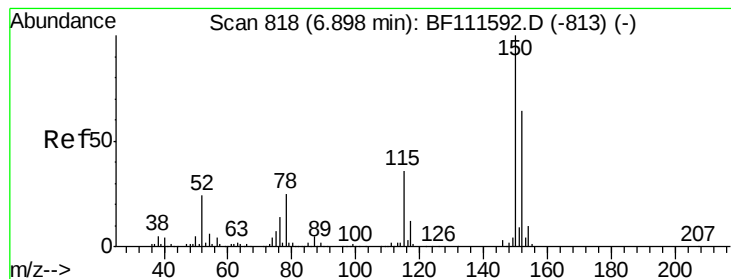
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 19 17:39:39 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF111769.D

Acq: 27 Dec 2018 18:18

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01

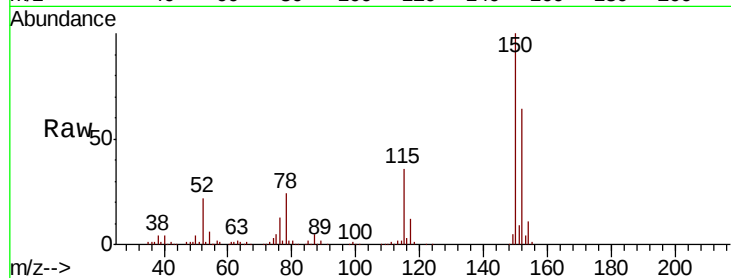
Tgt Ion:152 Resp: 127449

Ion Ratio Lower Upper

152 100

150 155.0 126.6 189.8

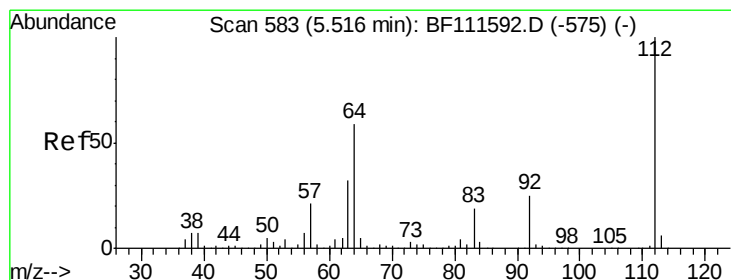
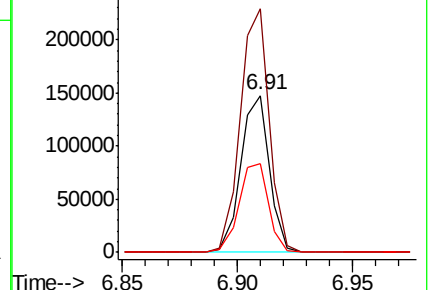
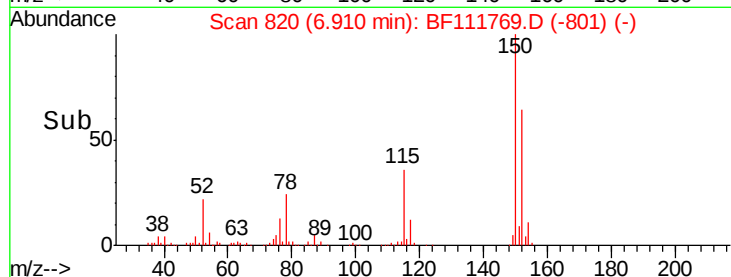
115 56.4 50.7 76.1



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: 6.379 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111769.D

Acq: 27 Dec 2018 18:18

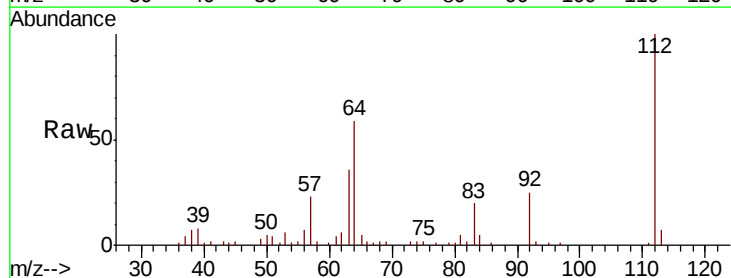
Tgt Ion:112 Resp: 47693

Ion Ratio Lower Upper

112 100

64 59.5 51.8 77.6

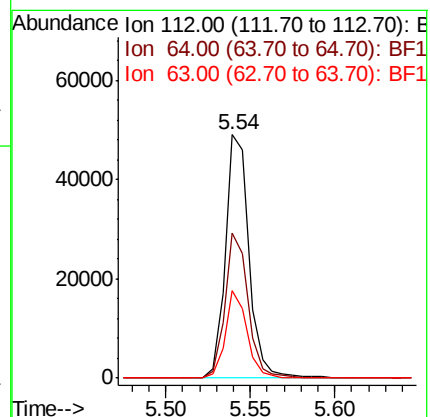
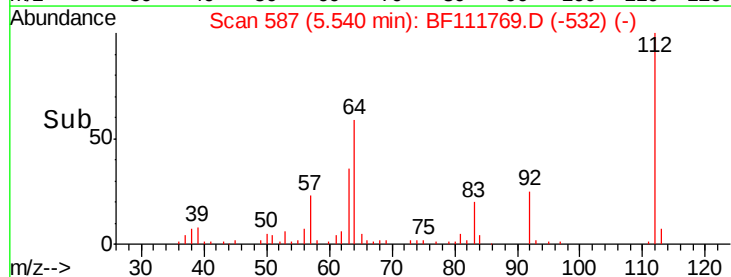
63 35.7 26.8 40.2

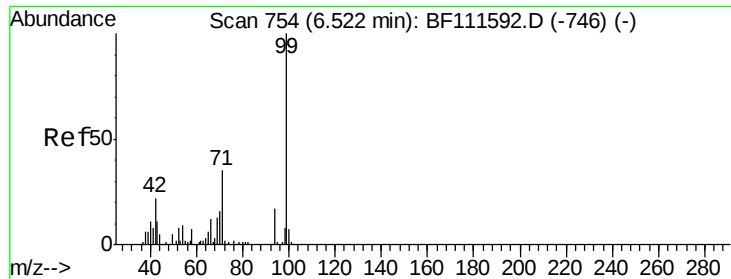


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 6.363 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111769.D

Acq: 27 Dec 2018 18:18

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01

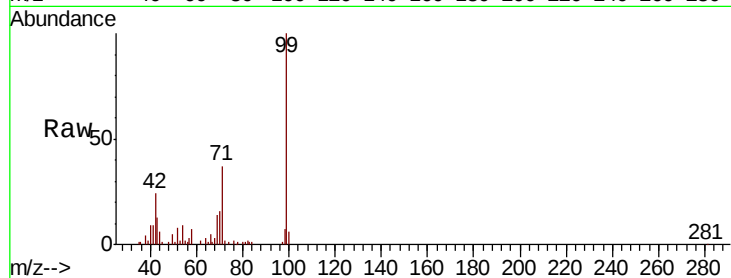
Tgt Ion: 99 Resp: 60553

Ion Ratio Lower Upper

99 100

42 24.0 17.4 26.0

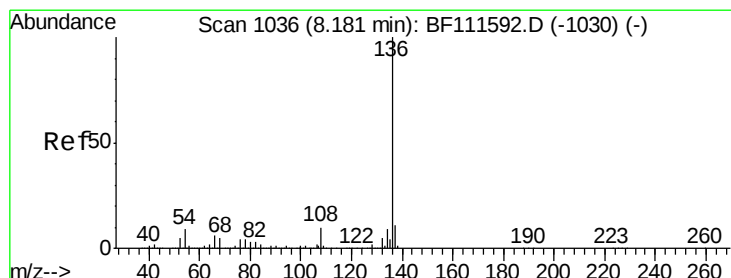
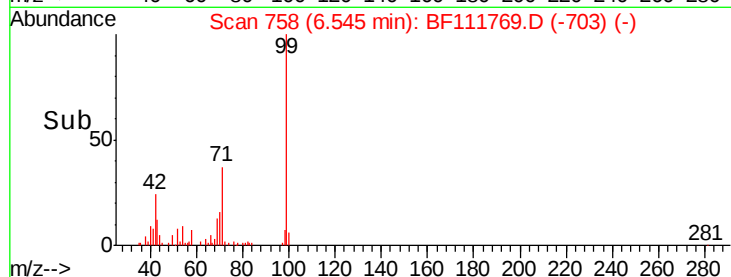
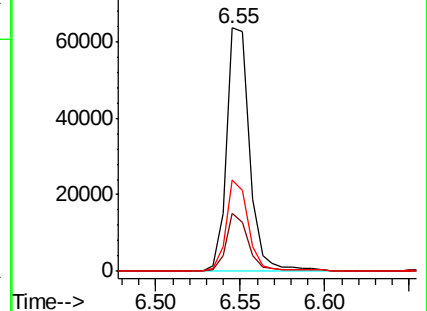
71 37.4 26.1 39.1



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: 8.19 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF111769.D

Acq: 27 Dec 2018 18:18

Tgt Ion: 136 Resp: 462312

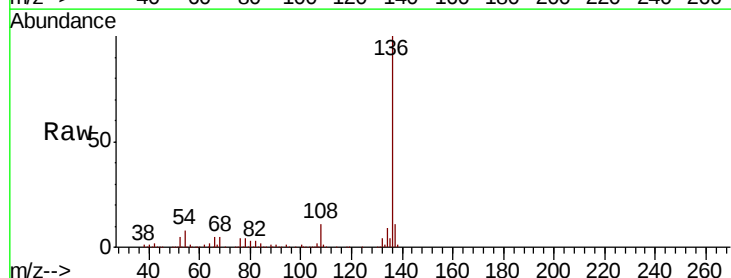
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.1 7.7 11.5

68 4.8 4.9 7.3#

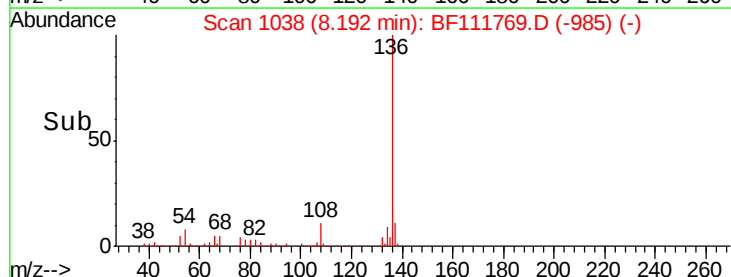
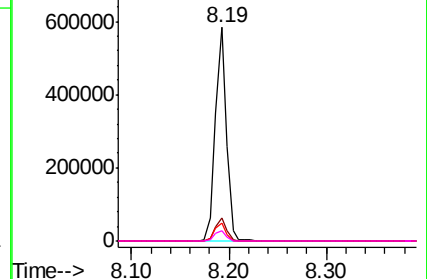


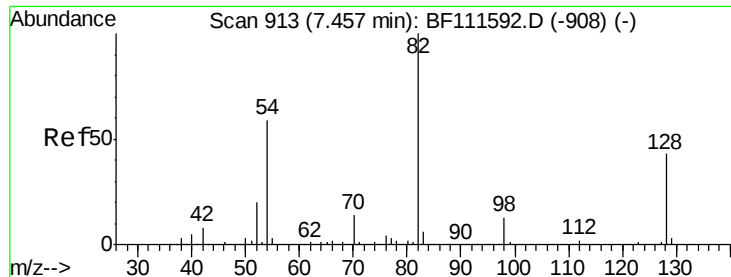
Abundance Ion 136.00 (135.70 to 136.70): E

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

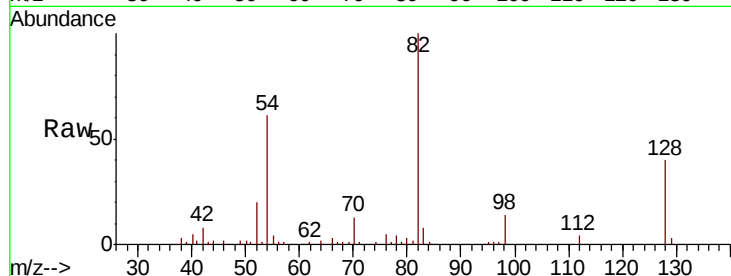




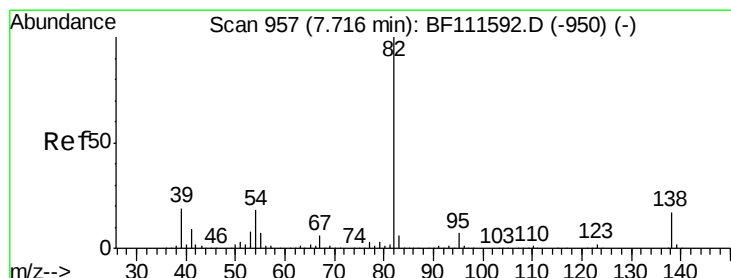
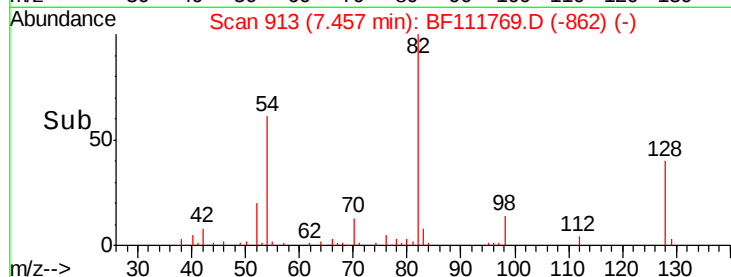
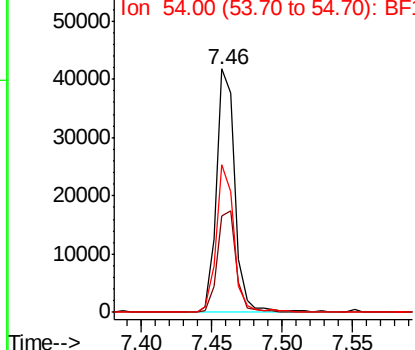
#23
 Nitrobenzene-d5
 Concen: 4.782 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF111769.D
 Acq: 27 Dec 2018 18:18

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01

Tgt Ion: 82 Resp: 37977
 Ion Ratio Lower Upper
 82 100
 128 39.8 37.4 56.2
 54 60.8 47.6 71.4

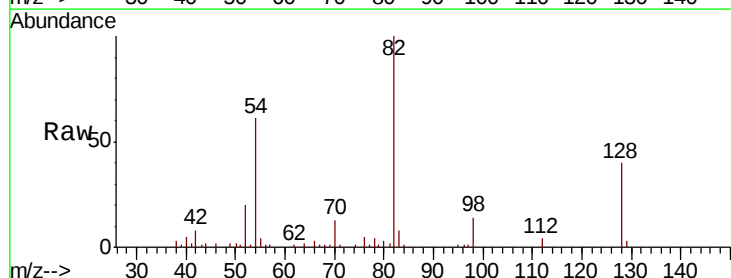


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

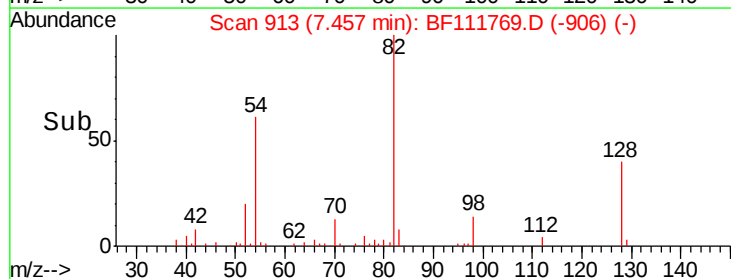
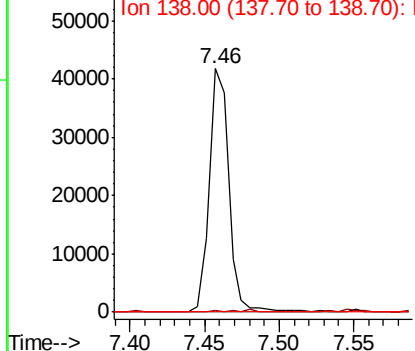


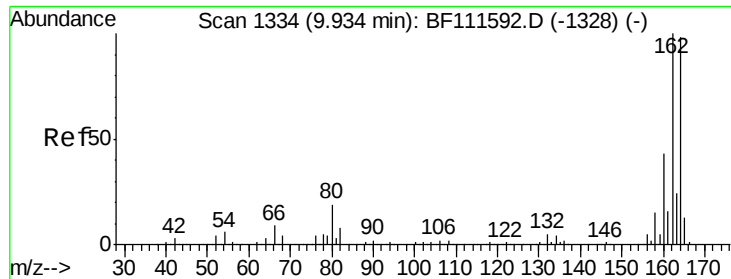
#25
 Isophorone
 Concen: 2.693 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.26 min
 Lab File: BF111769.D
 Acq: 27 Dec 2018 18:18

Tgt Ion: 82 Resp: 37977
 Ion Ratio Lower Upper
 82 100
 95 0.8 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: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF111769.D

Acq: 27 Dec 2018 18:18

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01

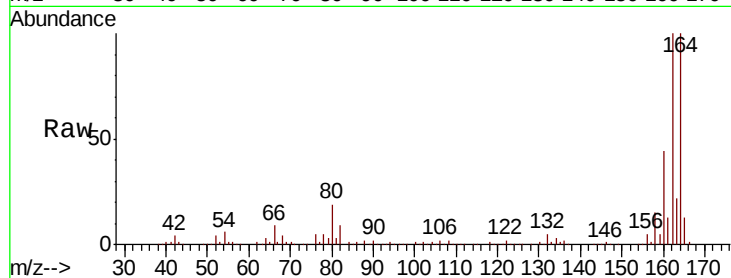
Tgt Ion:164 Resp: 209713

Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.0

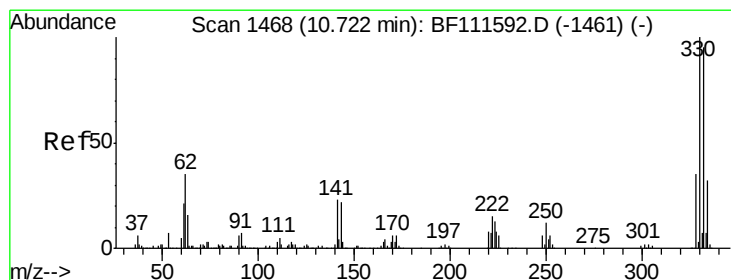
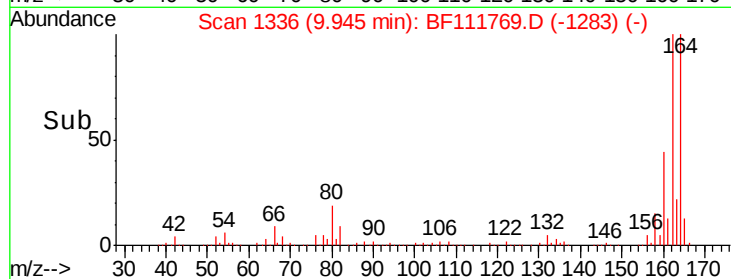
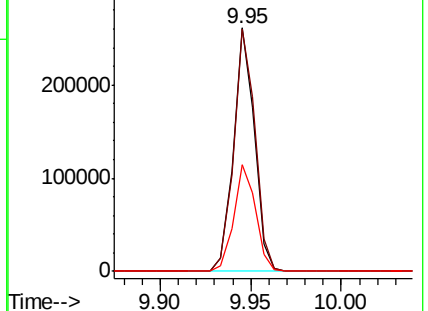
160 43.6 35.7 53.5



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: 6.124 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111769.D

Acq: 27 Dec 2018 18:18

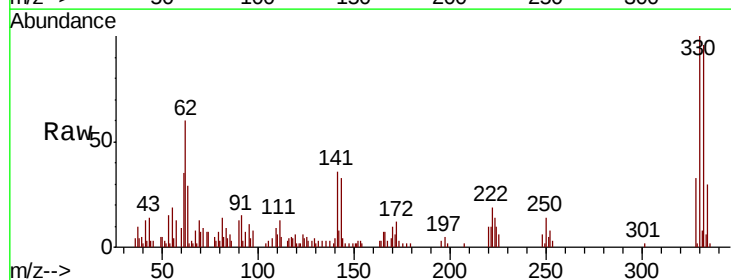
Tgt Ion:330 Resp: 15174

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

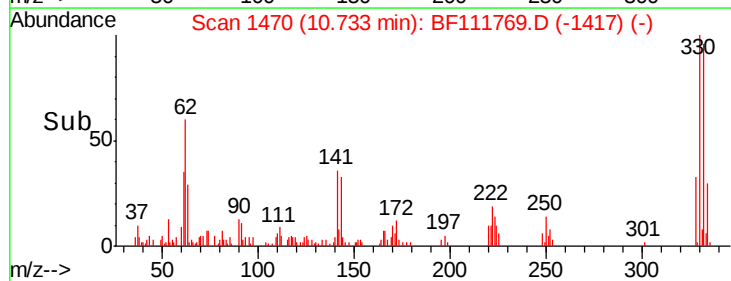
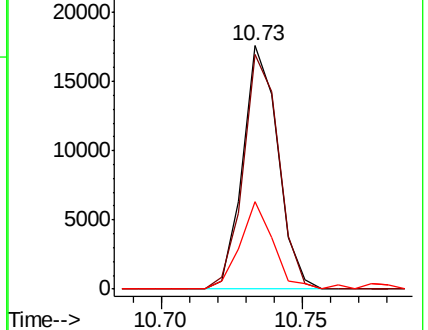
141 33.9 31.0 46.6

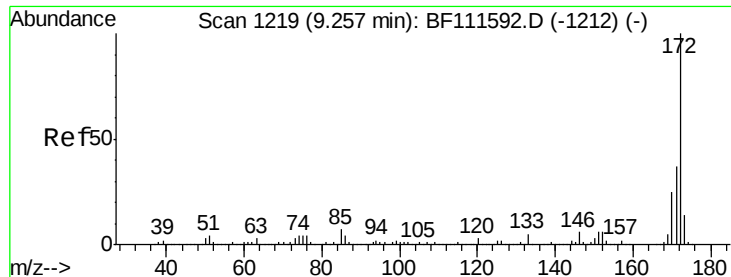


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

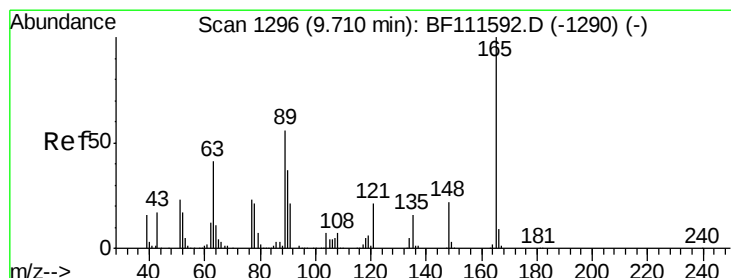
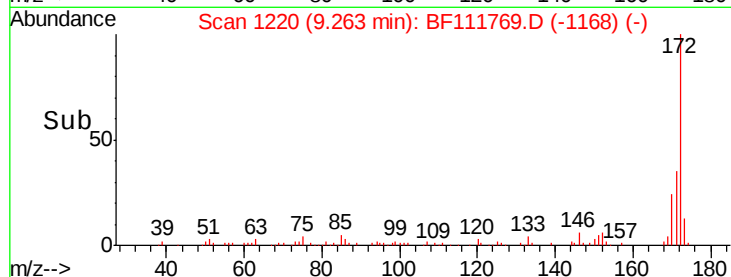
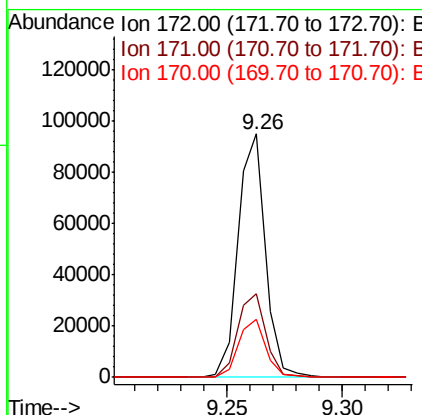
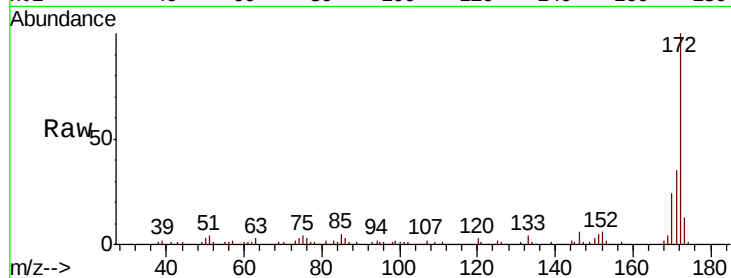




#45
 2-Fluorobiphenyl
 Concen: 5.465 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111769.D
 Acq: 27 Dec 2018 18:18

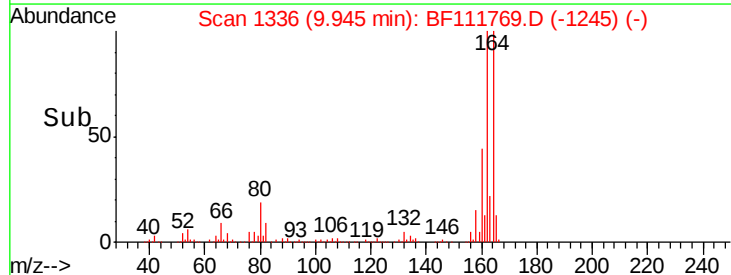
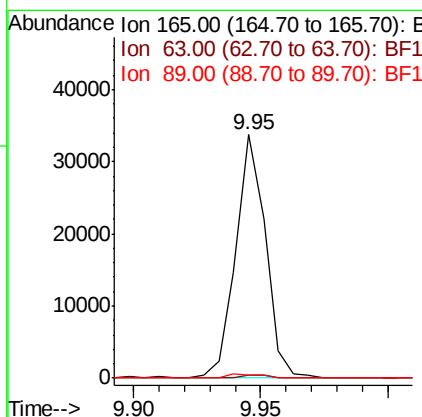
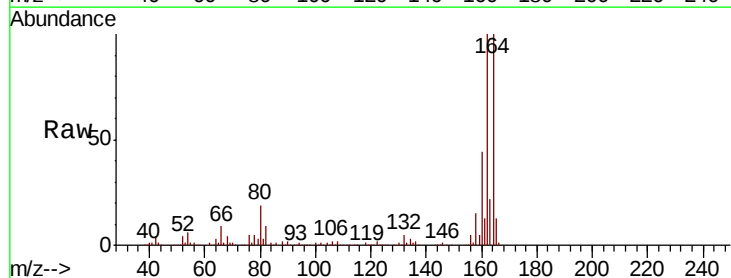
Instrument :
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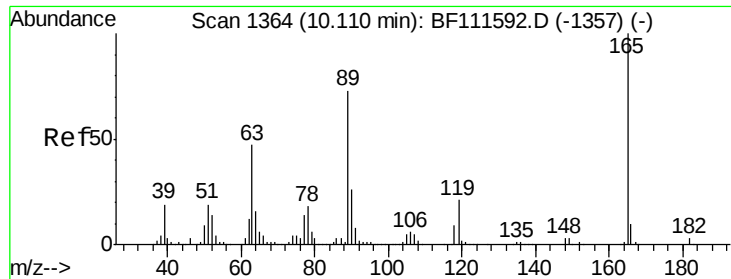
Tgt Ion:172 Resp: 78629
 Ion Ratio Lower Upper
 172 100
 171 34.6 33.0 49.4
 170 23.7 22.3 33.5



#51
 2,6-Dinitrotoluene
 Concen: 8.971 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.24 min
 Lab File: BF111769.D
 Acq: 27 Dec 2018 18:18

Tgt Ion:165 Resp: 27433
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.5 60.7#
 89 1.4 40.0 60.0#

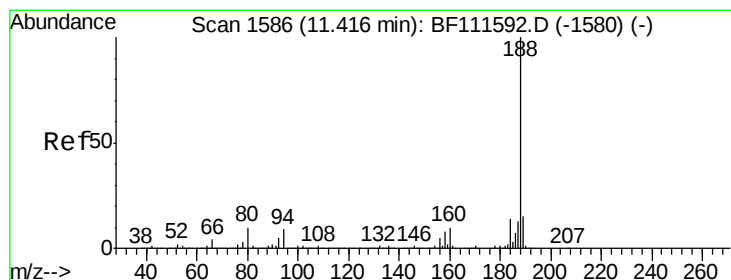
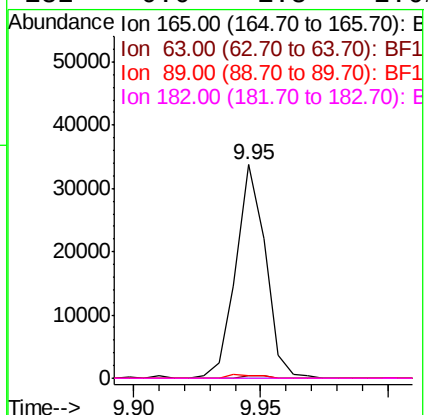
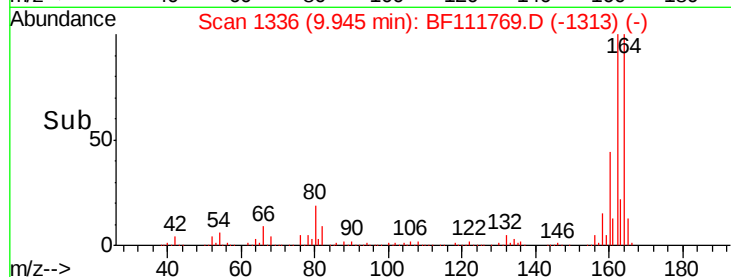
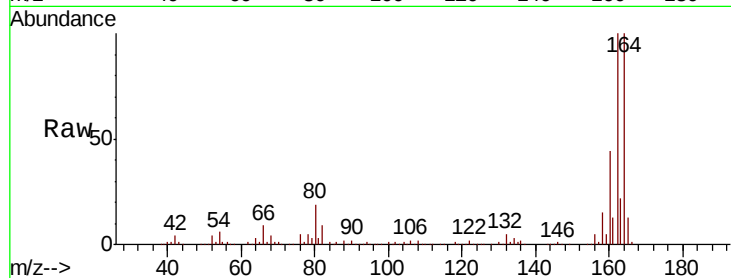




#57
 2,4-Dinitrotoluene
 Concen: 7.464 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.16 min
 Lab File: BF111769.D
 Acq: 27 Dec 2018 18:18

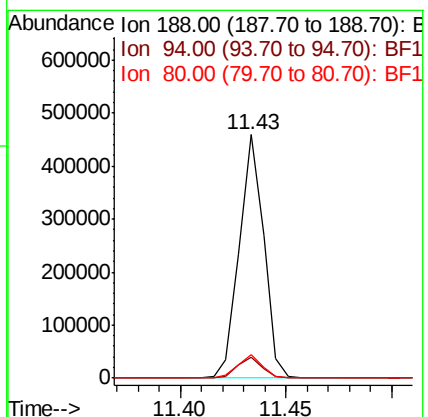
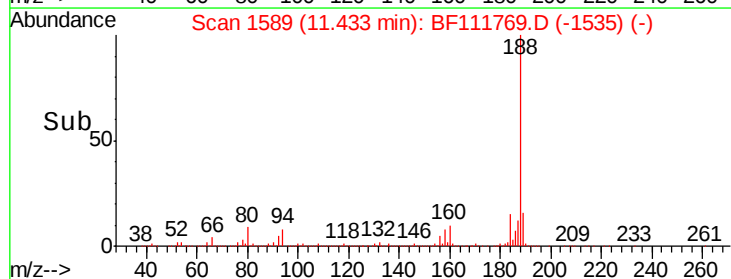
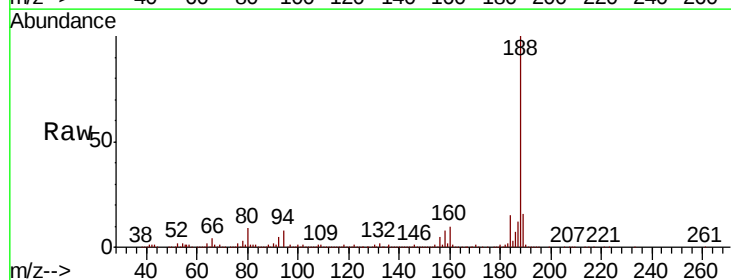
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01

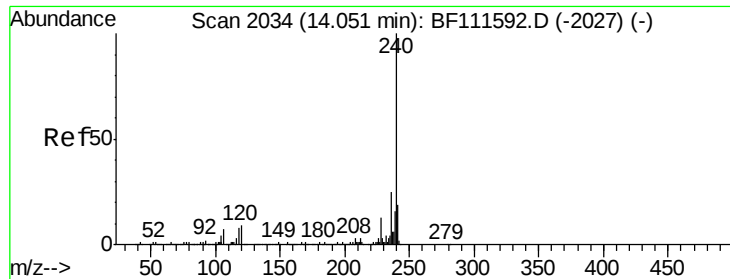
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.02 min
 Lab File: BF111769.D
 Acq: 27 Dec 2018 18:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.6	14.4#
80	9.4	9.8	14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BF111769.D

Acq: 27 Dec 2018 18:18

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01

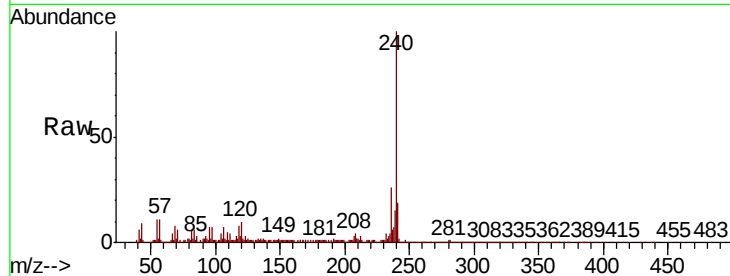
Tgt Ion:240 Resp: 298773

Ion Ratio Lower Upper

240 100

120 9.7 12.2 18.2#

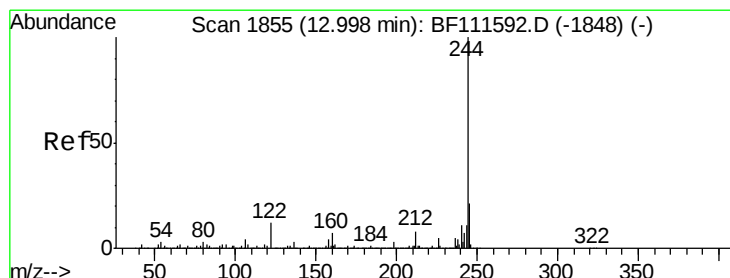
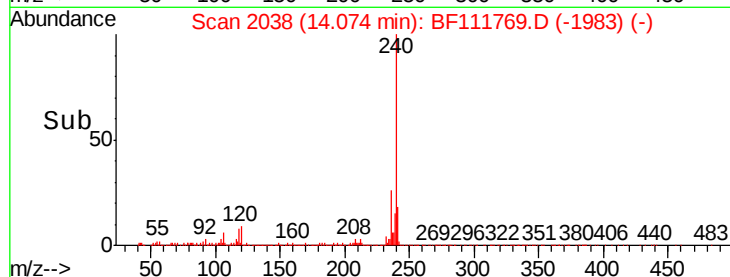
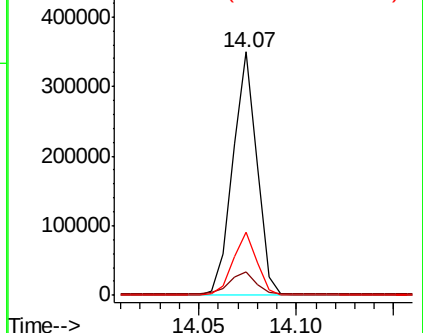
236 26.0 20.2 30.2



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: 5.312 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111769.D

Acq: 27 Dec 2018 18:18

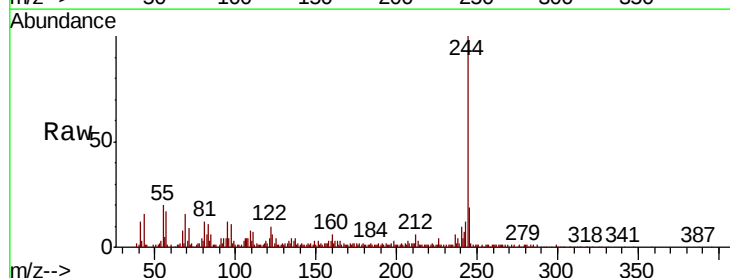
Tgt Ion:244 Resp: 83692

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

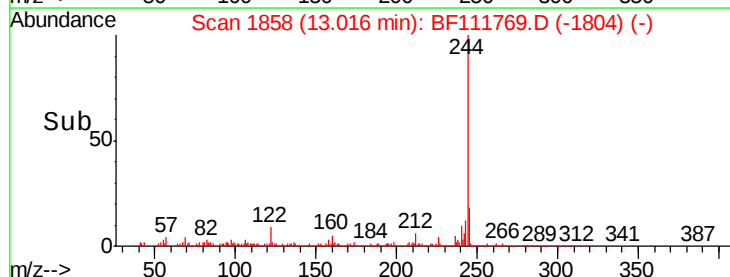
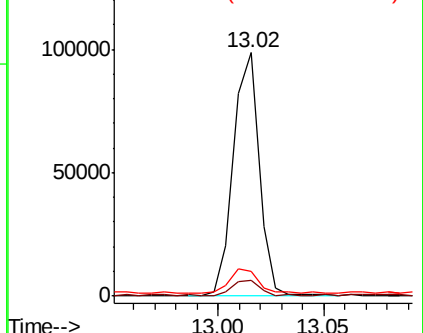
122 10.3 13.1 19.7#

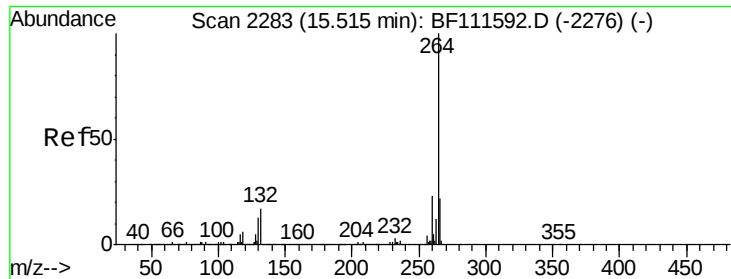


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

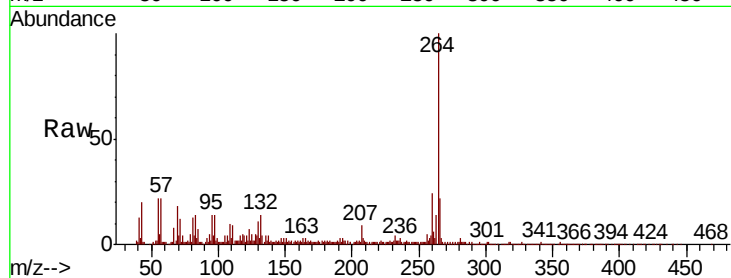




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.05 min
Lab File: BF111769.D
Acq: 27 Dec 2018 18:18

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01

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

