

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111669.D
 Acq On : 21 Dec 2018 5:46
 Operator : JU/SJ
 Sample : J6470-02 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OD-3

Quant Time: Dec 21 06:25:40 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

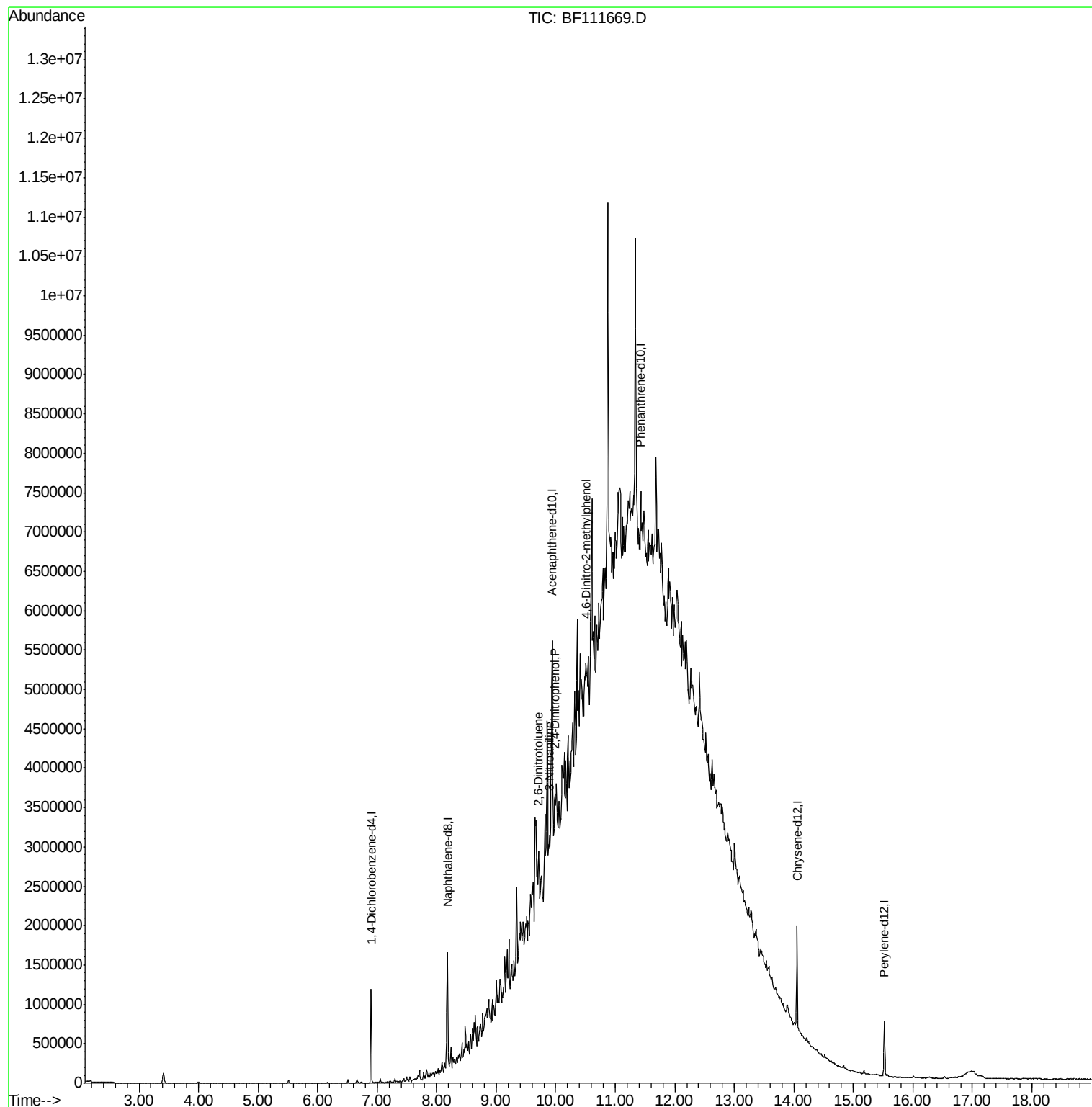
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	170882	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	621484	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	242021	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	345429	20.00	ng	0.01
76) Chrysene-d12	14.05	240	407581	20.00	ng	0.00
87) Perylene-d12	15.52	264	325138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	7280	0.73	ng	0.00
7) Phenol-d6	6.51	99	10249	0.80	ng	-0.01
23) Nitrobenzene-d5	7.45	82	9291	0.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	1966	0.69	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	17826	1.07	ng	0.00
79) Terphenyl-d14	13.00	244	16409	0.76	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.71	165	12485	3.538	ng	# 42
53) 3-Nitroaniline	9.90	138	14422	3.832	ng	# 24
54) 2,4-Dinitrophenol	9.99	184	453	7.671	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.51	198	3415	8.751	ng	# 1

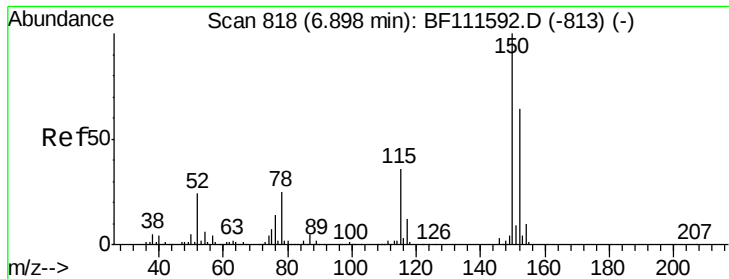
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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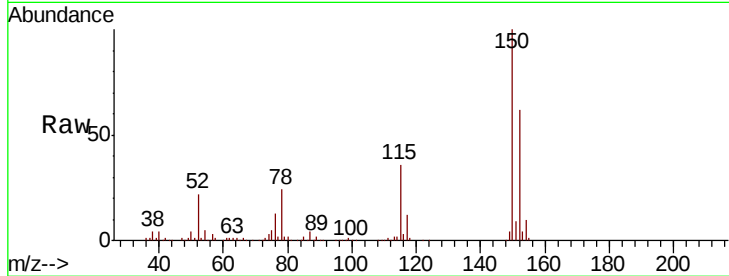


#1

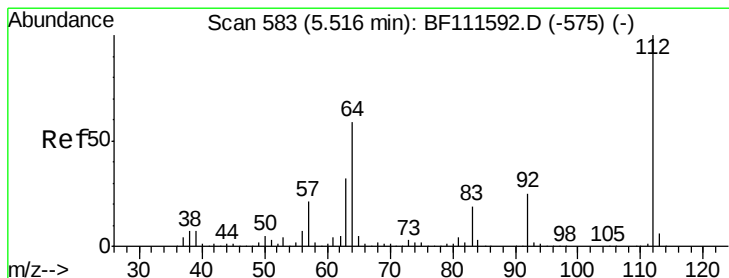
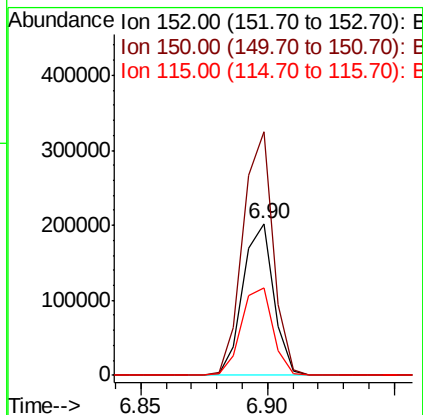
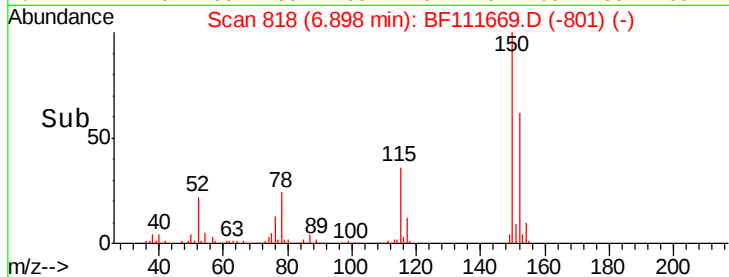
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111669.D
Acq: 21 Dec 2018 5:46

Instrument :
BNA_F
ClientSampleId :
OD-3

Tgt Ion:152 Resp: 170882
Ion Ratio Lower Upper
152 100
150 160.4 126.6 189.8
115 57.8 50.7 76.1



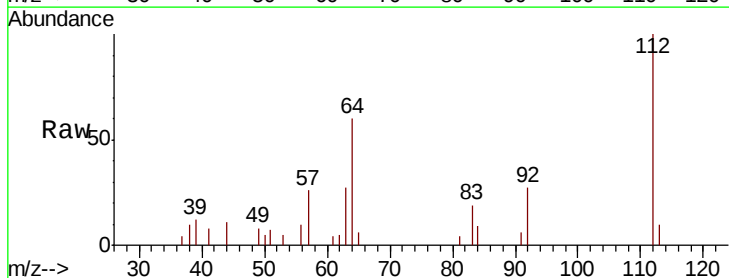
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



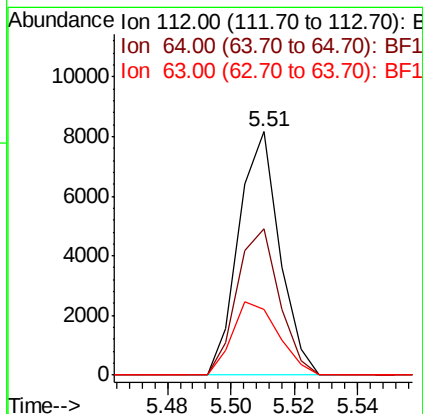
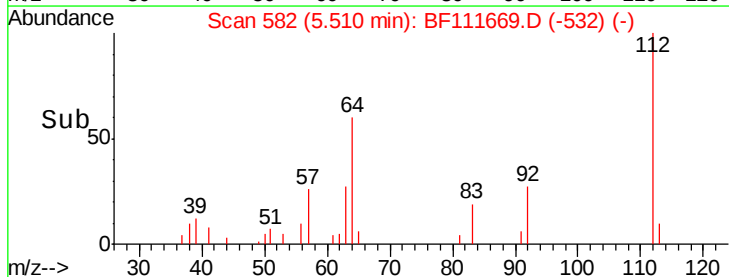
#5

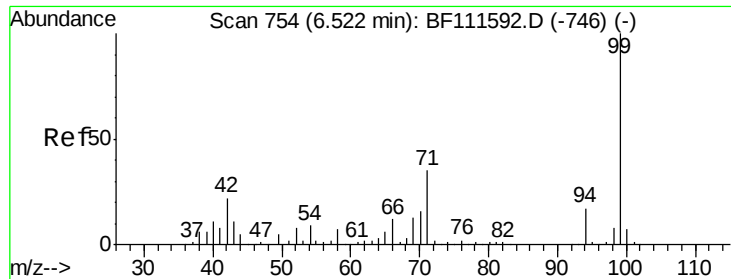
2-Fluorophenol
Concen: 0.726 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111669.D
Acq: 21 Dec 2018 5:46

Tgt Ion:112 Resp: 7280
Ion Ratio Lower Upper
112 100
64 60.2 51.8 77.6
63 27.2 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: 0.803 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111669.D

Acq: 21 Dec 2018 5:46

Instrument :

BNA_F

ClientSampleId :

OD-3

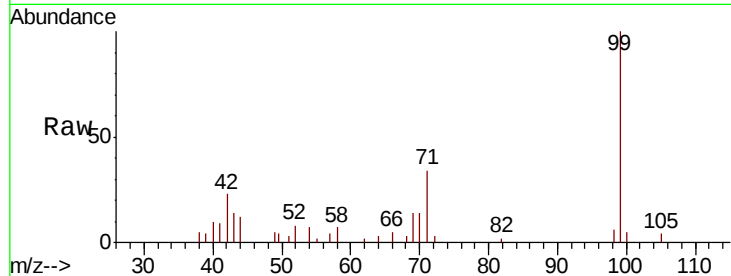
Tgt Ion: 99 Resp: 10249

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

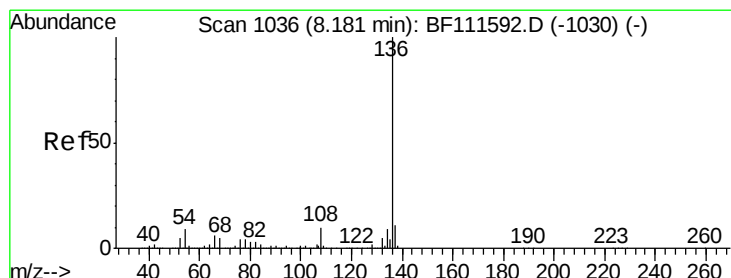
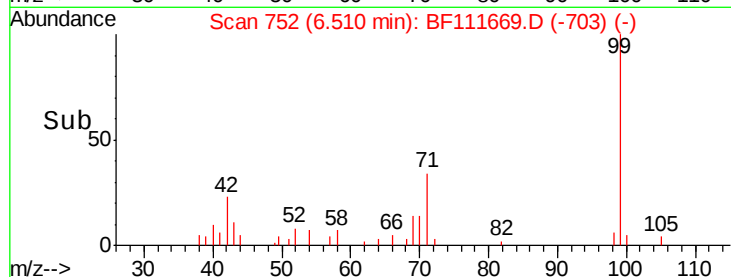
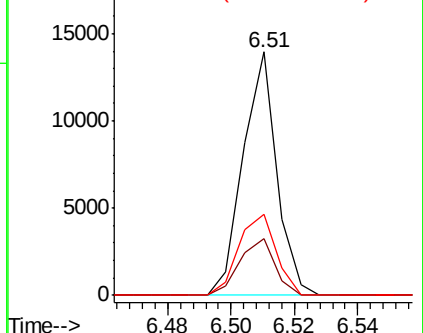
71 33.5 26.1 39.1



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: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF111669.D

Acq: 21 Dec 2018 5:46

Tgt Ion: 136 Resp: 621484

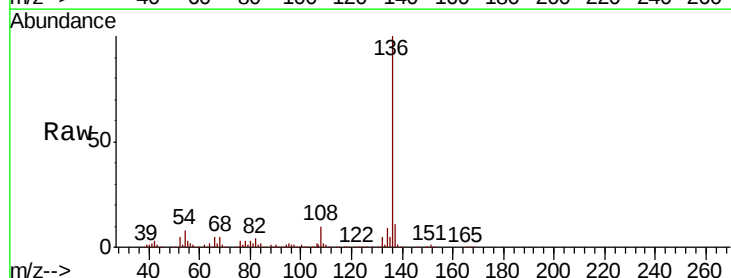
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.3 7.7 11.5

68 5.3 4.9 7.3

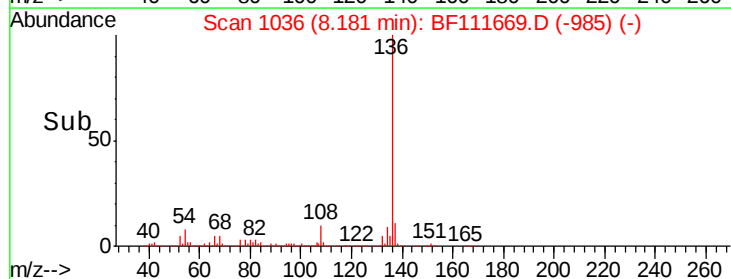
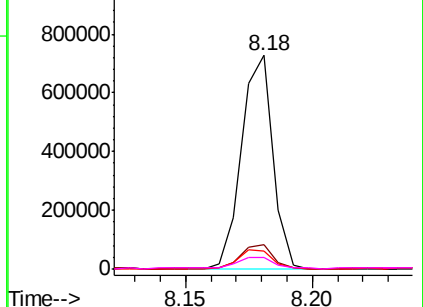


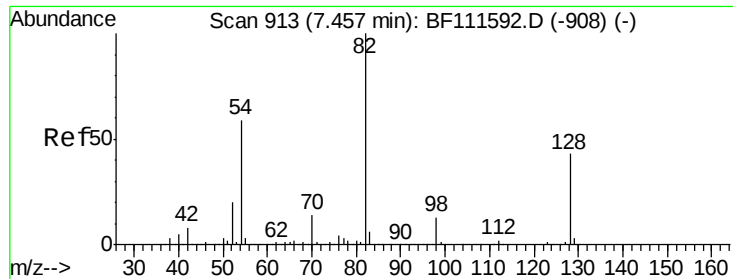
Abundance Ion 136.00 (135.70 to 136.70): E

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

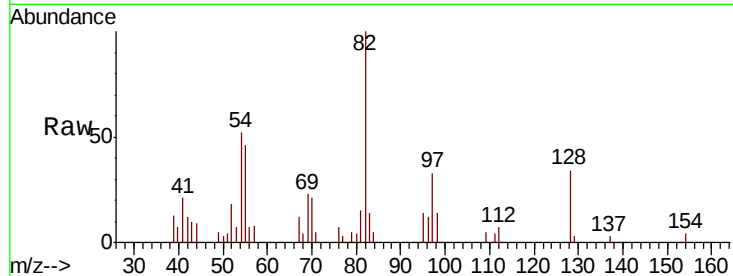




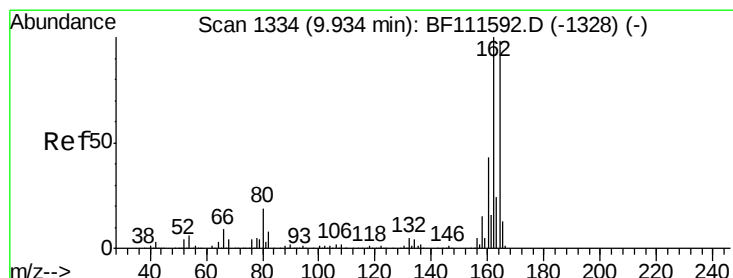
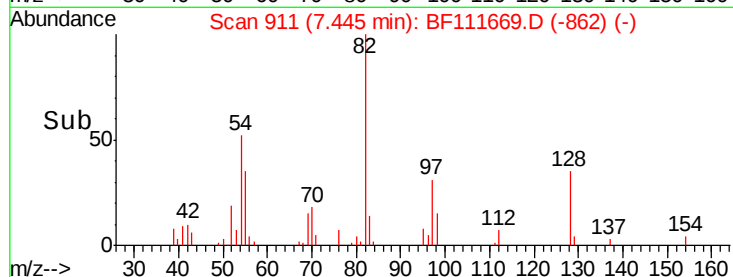
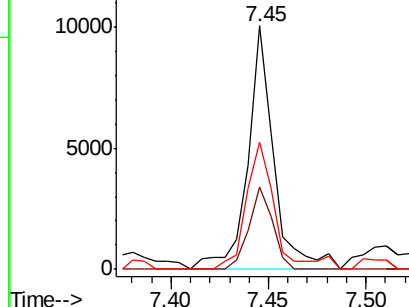
#23
 Nitrobenzene-d5
 Concen: 0.870 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111669.D
 Acq: 21 Dec 2018 5:46

Instrument :
 BNA_F
 ClientSampleID :
 OD-3

Tgt Ion: 82 Resp: 9291
 Ion Ratio Lower Upper
 82 100
 128 33.8 37.4 56.2#
 54 52.4 47.6 71.4

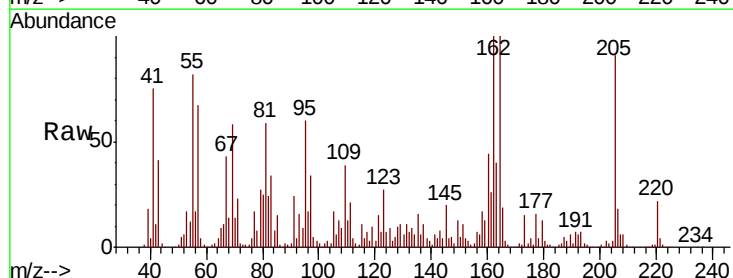


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

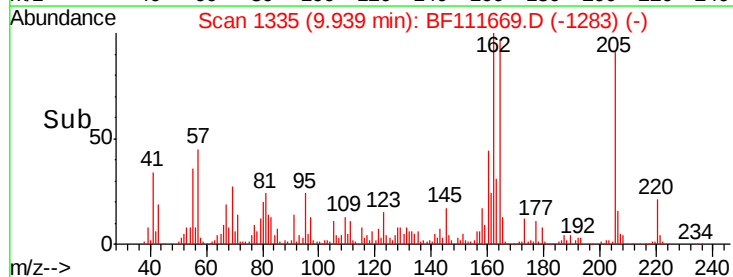
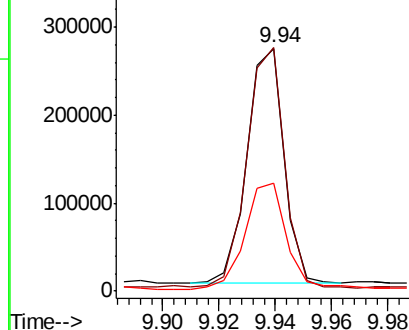


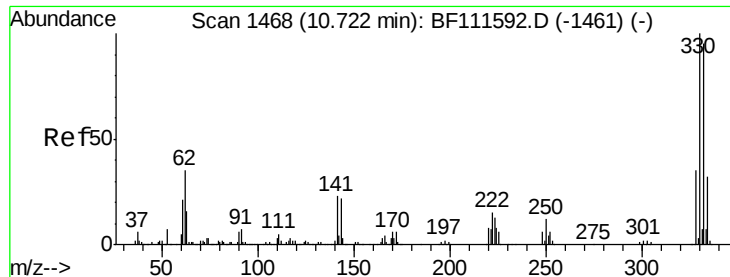
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111669.D
 Acq: 21 Dec 2018 5:46

Tgt Ion: 164 Resp: 242021
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.4 122.0
 160 44.6 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

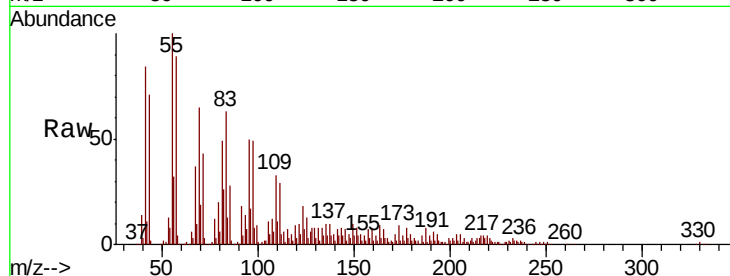




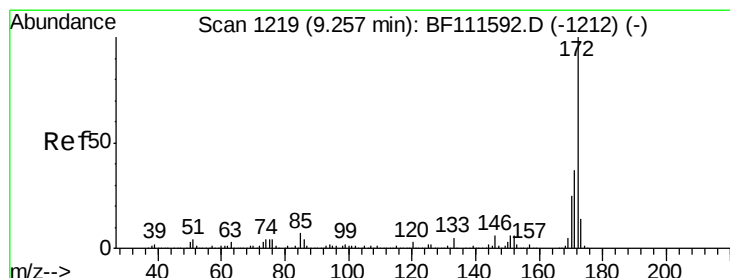
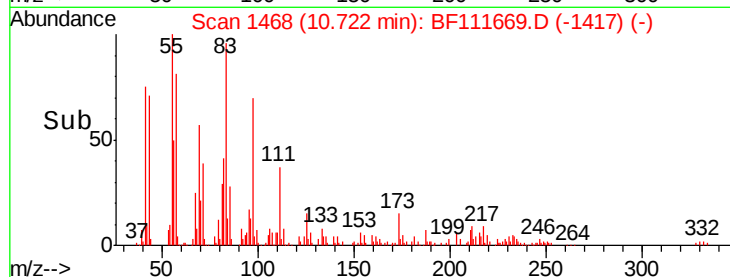
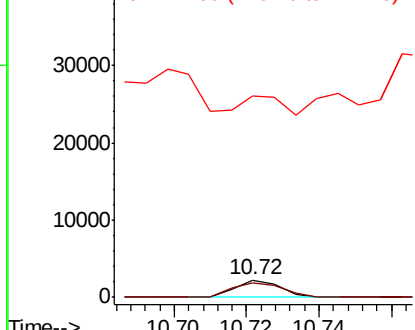
#42
 2,4,6-Tribromophenol
 Concen: 0.687 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF111669.D
 Acq: 21 Dec 2018 5:46

Instrument :
 BNA_F
 ClientSampleId :
 OD-3

Tgt Ion:330 Resp: 1966
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.0 114.0
 141 84.0 31.0 46.6#

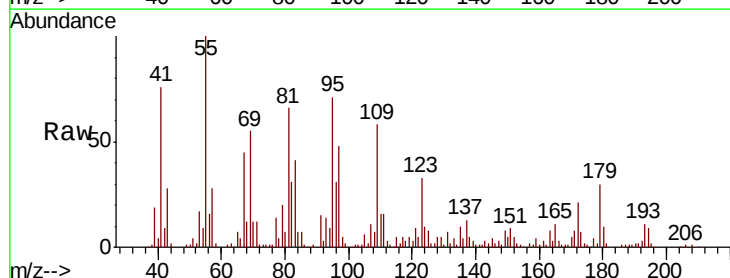


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

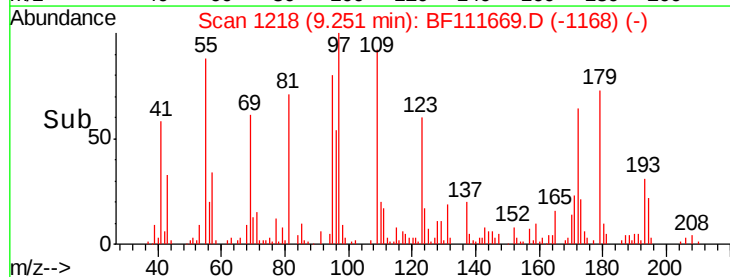
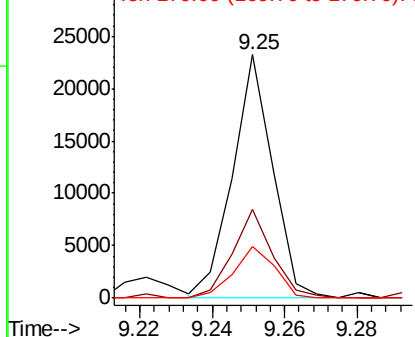


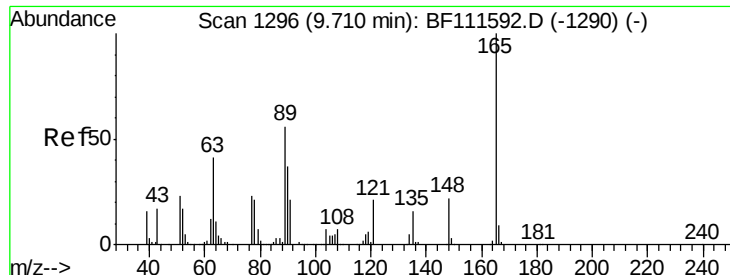
#45
 2-Fluorobiphenyl
 Concen: 1.074 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111669.D
 Acq: 21 Dec 2018 5:46

Tgt Ion:172 Resp: 17826
 Ion Ratio Lower Upper
 172 100
 171 36.3 33.0 49.4
 170 21.2 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: 3.538 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF111669.D

Acq: 21 Dec 2018 5:46

Instrument :

BNA_F

ClientSampleId :

OD-3

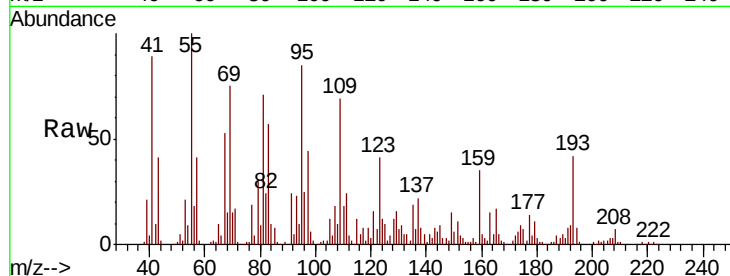
Tgt Ion:165 Resp: 12485

Ion Ratio Lower Upper

165 100

63 13.7 40.5 60.7#

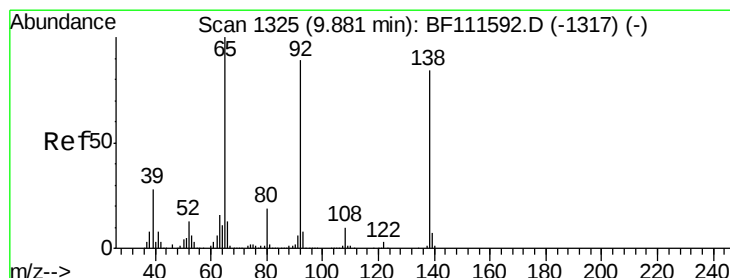
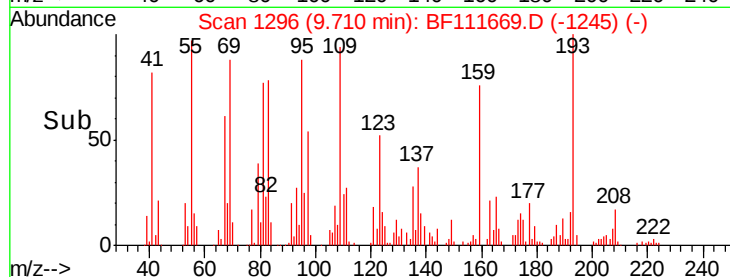
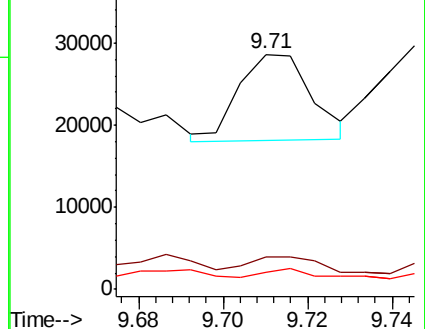
89 7.3 40.0 60.0#



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



#53

3-Nitroaniline

Concen: 3.832 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.02 min

Lab File: BF111669.D

Acq: 21 Dec 2018 5:46

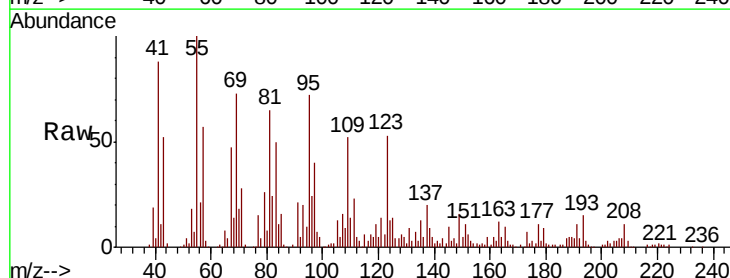
Tgt Ion:138 Resp: 14422

Ion Ratio Lower Upper

138 100

108 93.2 8.2 12.4#

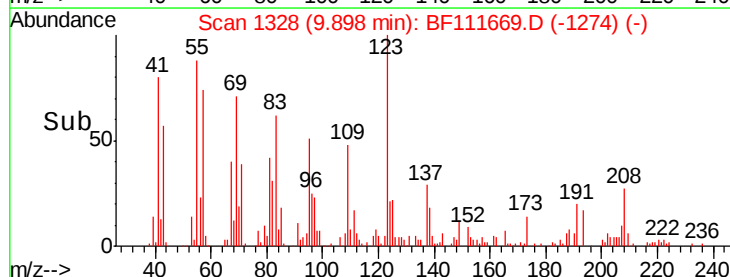
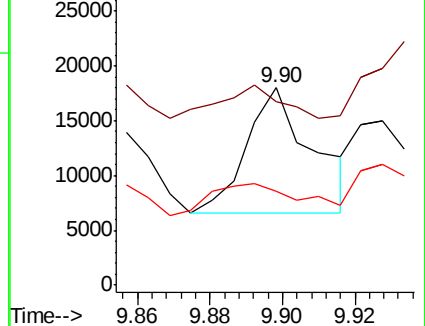
92 47.8 93.4 140.2#

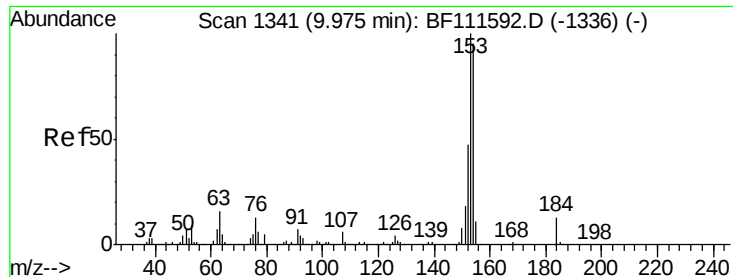


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

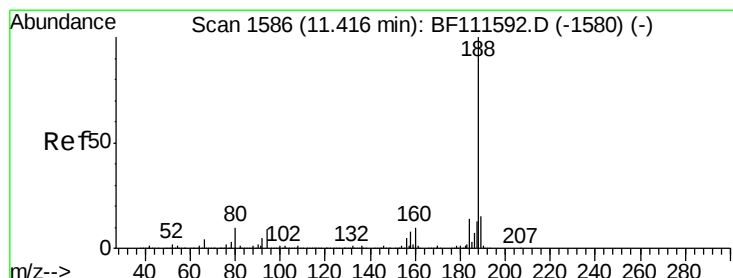
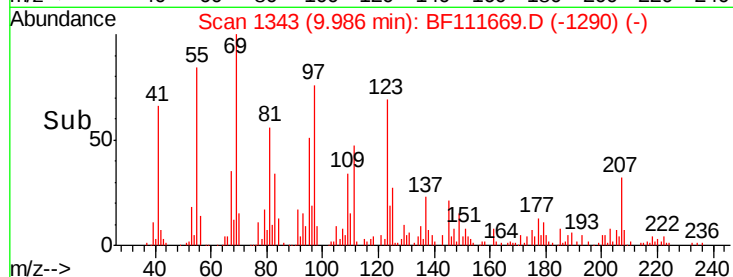
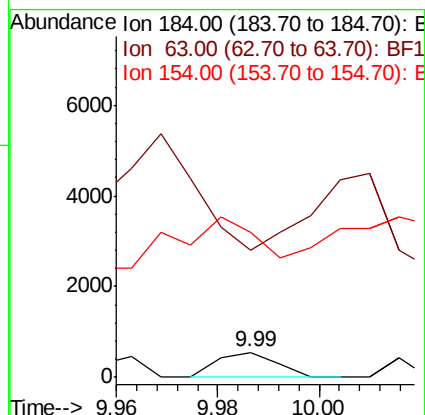
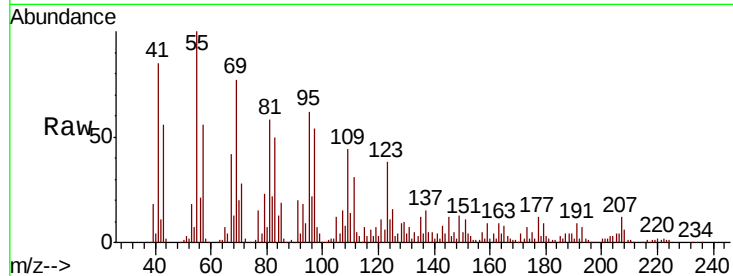




#54
2,4-Dinitrophenol
Concen: 7.671 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF111669.D
Acq: 21 Dec 2018 5:46

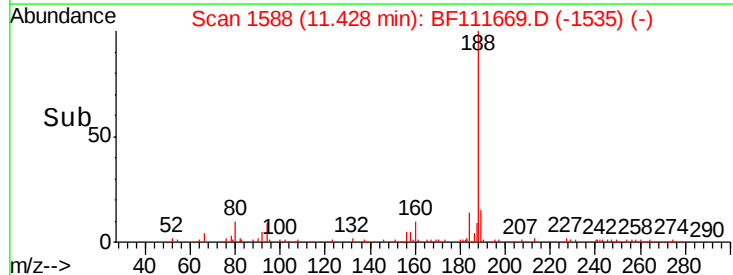
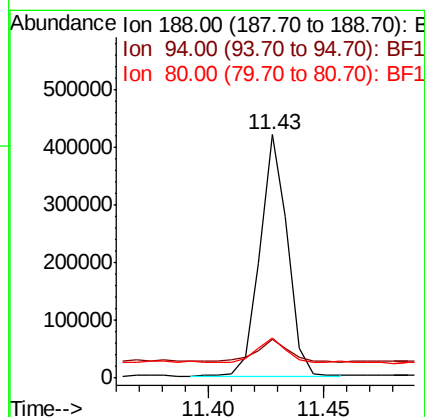
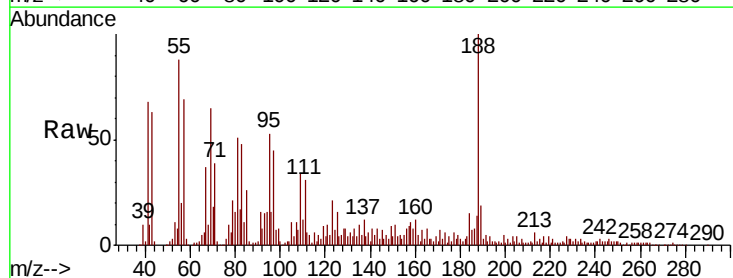
Instrument :
BNA_F
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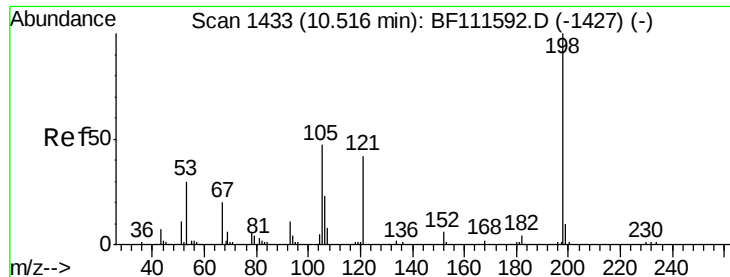
Tgt Ion:184 Resp: 453
Ion Ratio Lower Upper
184 100
63 510.8 62.3 93.5#
154 585.0 56.2 84.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111669.D
Acq: 21 Dec 2018 5:46

Tgt Ion:188 Resp: 345429
Ion Ratio Lower Upper
188 100
94 15.7 9.6 14.4#
80 16.3 9.8 14.6#





#65

4,6-Dinitro-2-methylphenol

Concen: 8.751 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF111669.D

Acq: 21 Dec 2018 5:46

Instrument :

BNA_F

ClientSampleId :

OD-3

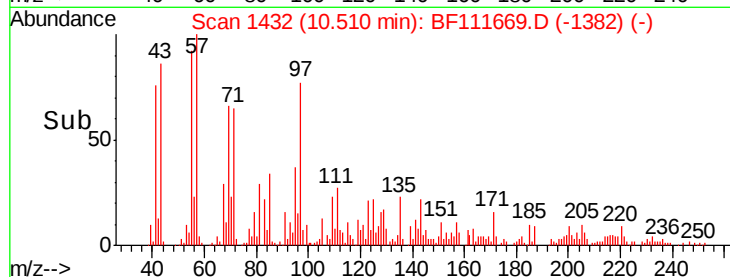
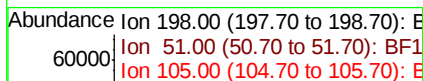
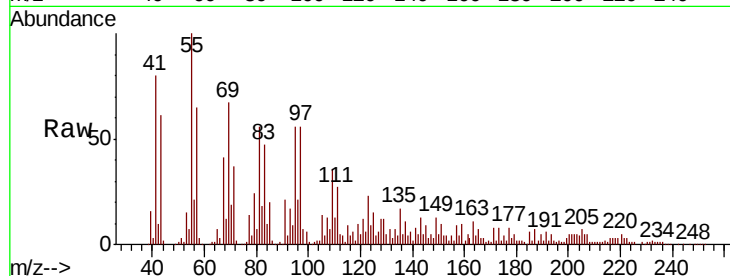
Tgt Ion:198 Resp: 3415

Ion Ratio Lower Upper

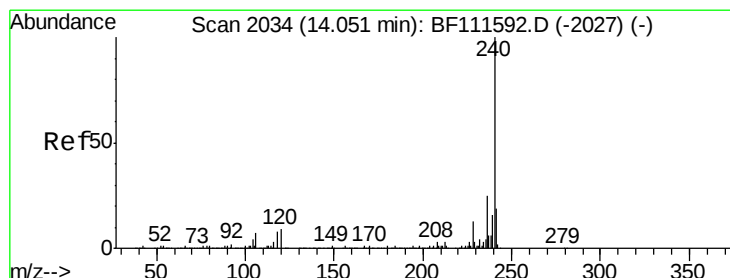
198 100

51 230.0 48.0 88.0#

105 1002.1 34.0 74.0#



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF111669.D

Acq: 21 Dec 2018 5:46

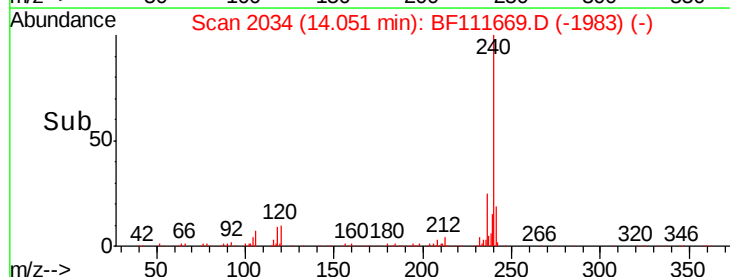
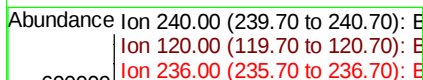
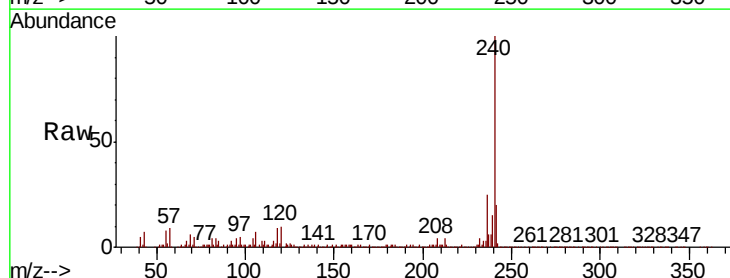
Tgt Ion:240 Resp: 407581

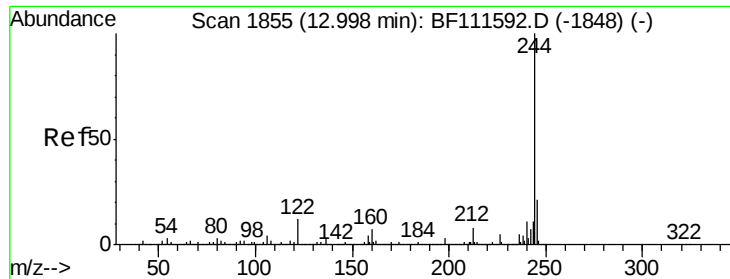
Ion Ratio Lower Upper

240 100

120 10.0 12.2 18.2#

236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 0.763 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF111669.D

Acq: 21 Dec 2018 5:46

Instrument :

BNA_F

ClientSampleId :

OD-3

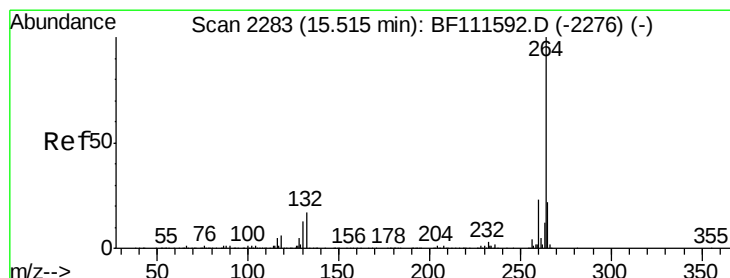
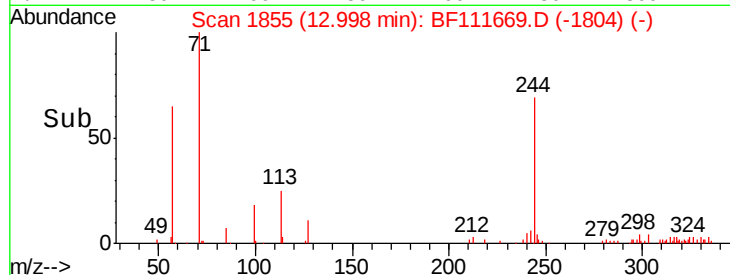
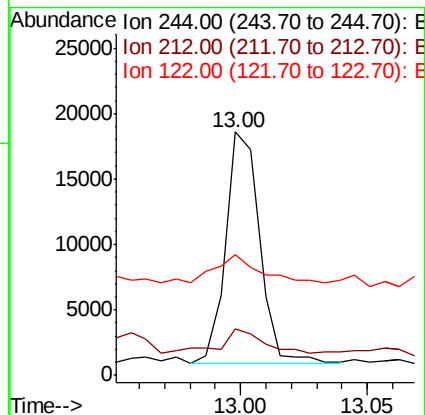
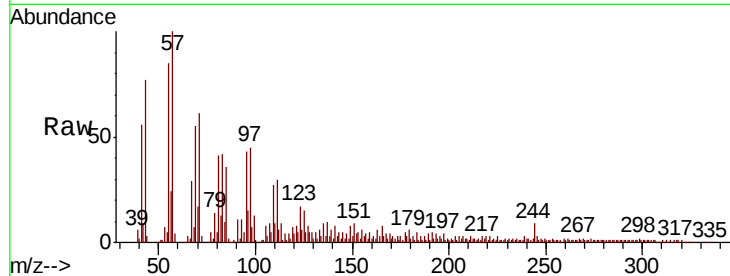
Tgt Ion:244 Resp: 16409

Ion Ratio Lower Upper

244 100

212 18.9 5.7 8.5#

122 49.4 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111669.D

Acq: 21 Dec 2018 5:46

Tgt Ion:264 Resp: 325138

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 20.8 17.7 26.5

