

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 08:04:38 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

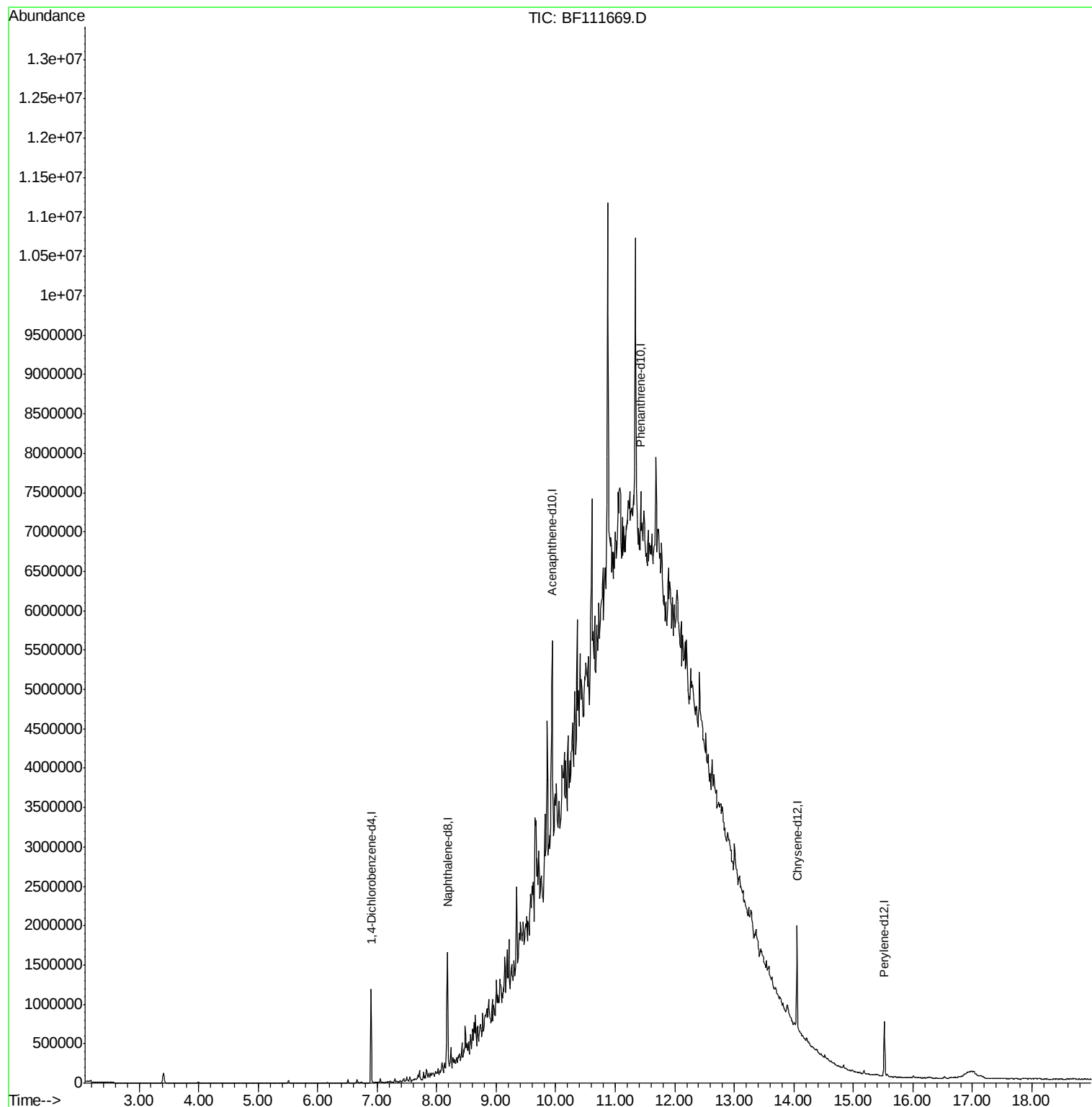
Target Compounds Qvalue

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

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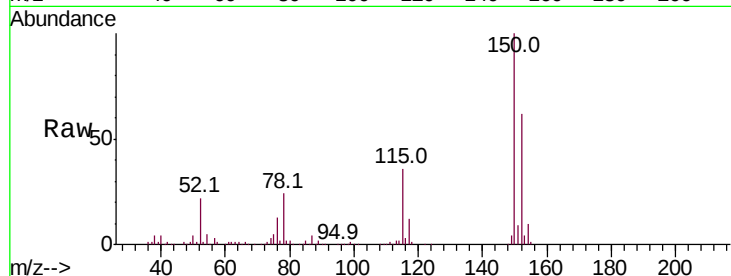


#1

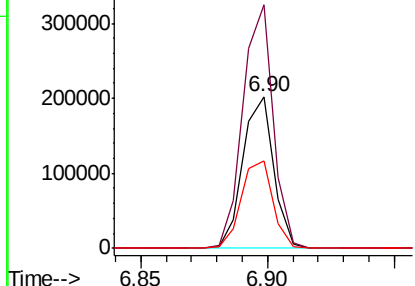
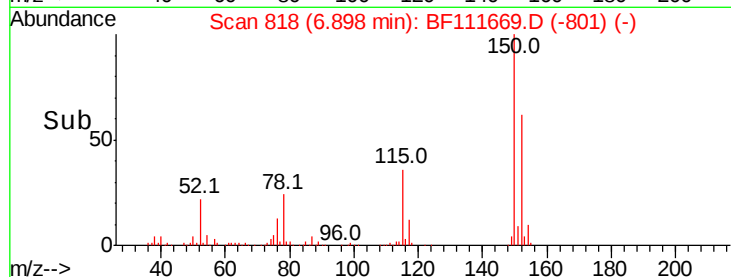
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111669.D
Acq: 21 Dec 2018 5:46

Instrument :
BNA_F
ClientSampleId :
OD-3

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



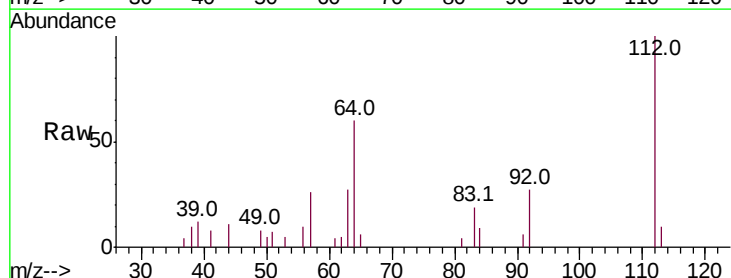
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



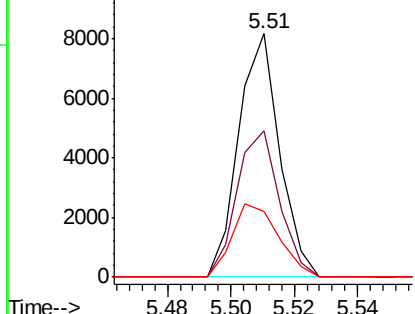
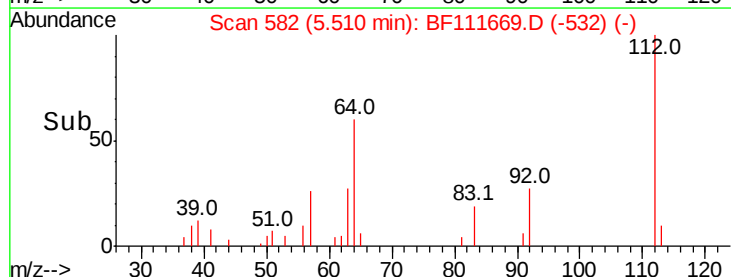
#5

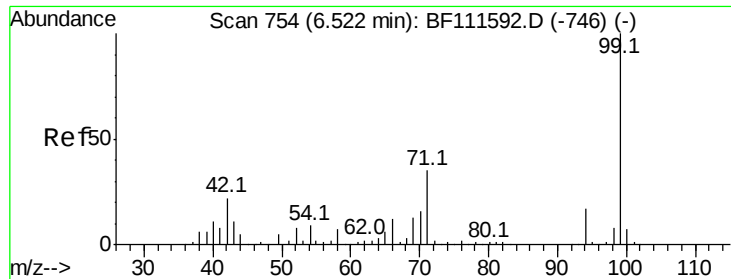
2-Fluorophenol
Concen: 0.726 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111669.D
Acq: 21 Dec 2018 5:46

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

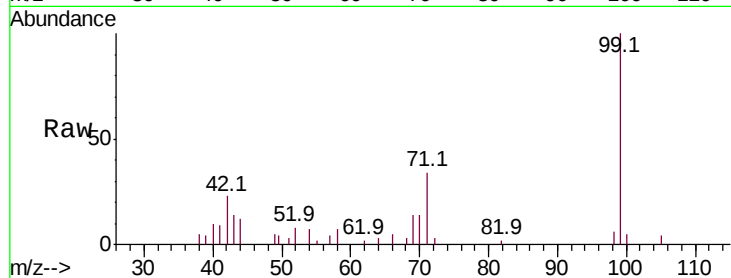
Tot Ion: 99 Resp: 10249

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

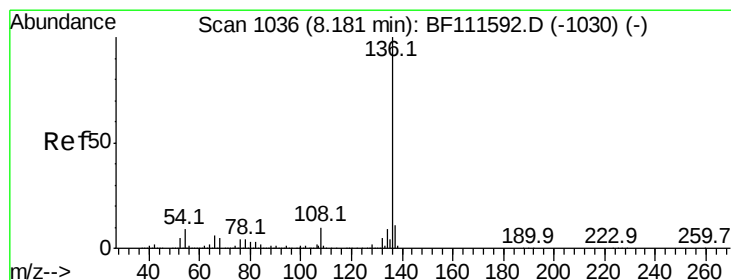
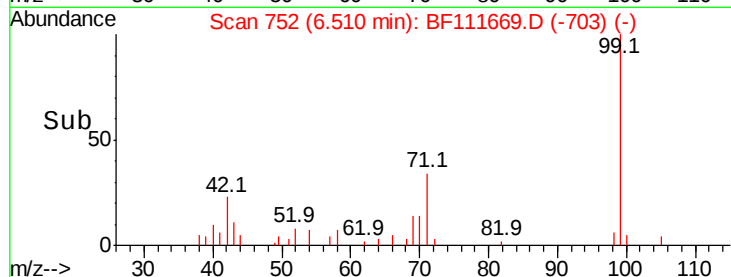
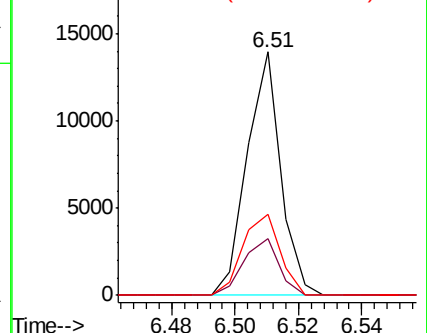
71 33.5 26.1 39.1



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

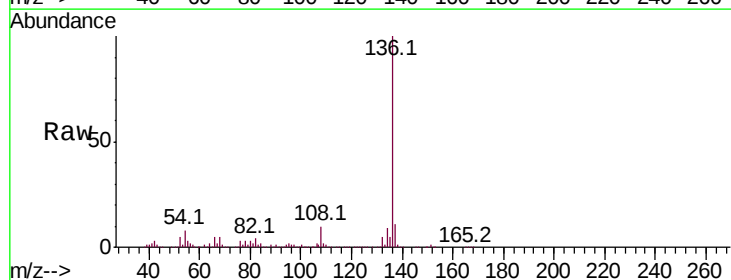
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.3 7.7 11.5

68 5.3 4.9 7.3

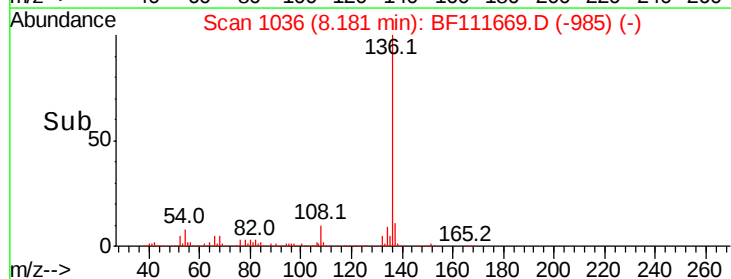
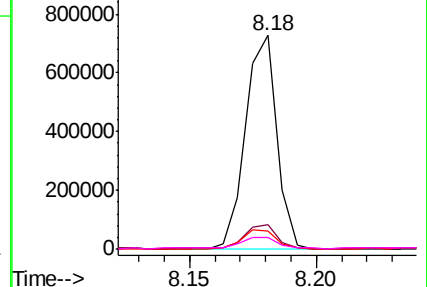


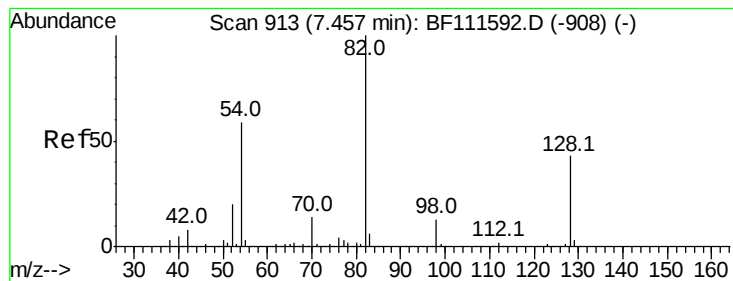
Abundance Ion 136.00 (135.70 to 136.70): E

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

ClientSampled :

OD-3

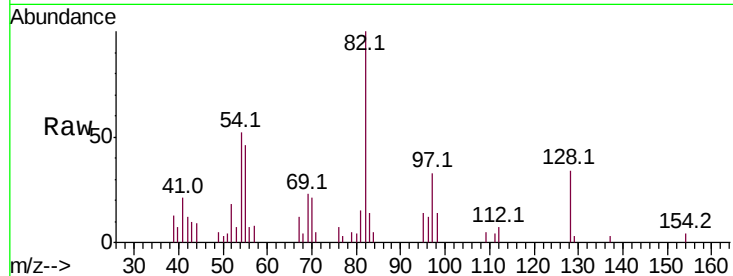
Tot Ion: 82 Resp: 9291

Ion Ratio Lower Upper

82 100

128 33.8 37.4 56.2#

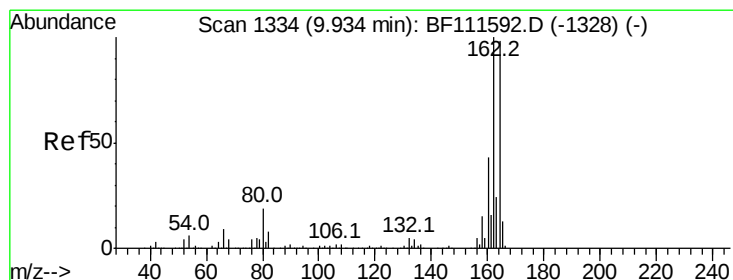
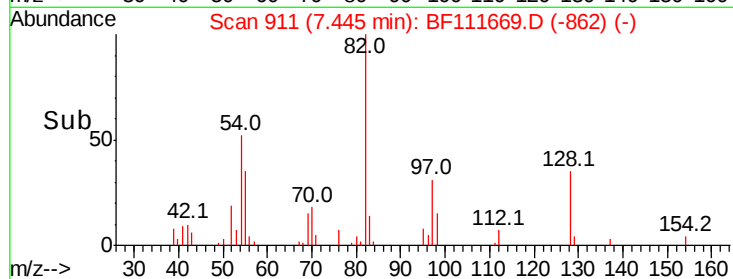
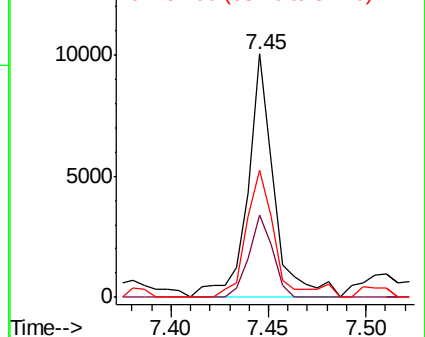
54 52.4 47.6 71.4



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

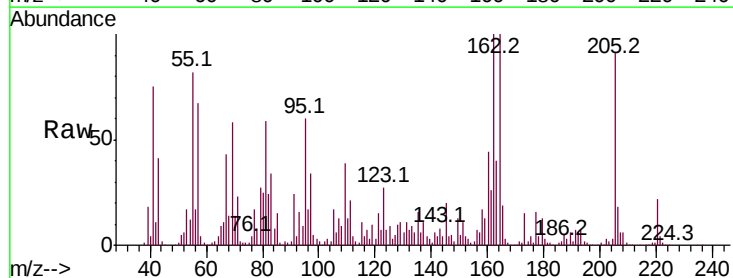
Tgt Ion:164 Resp: 242021

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

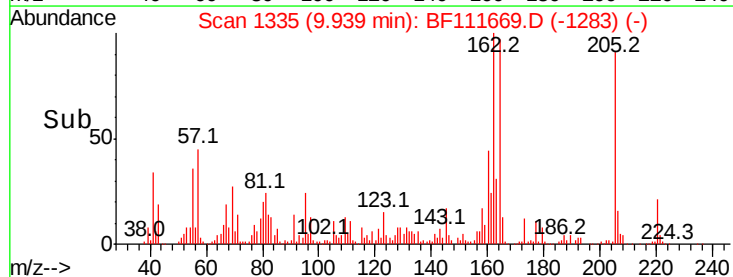
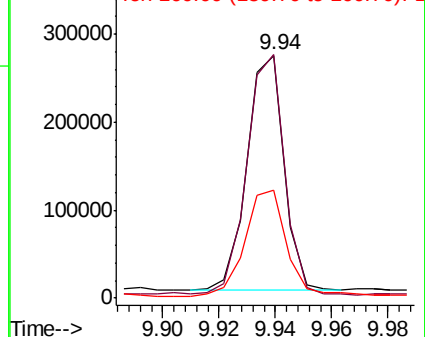
160 44.6 35.7 53.5

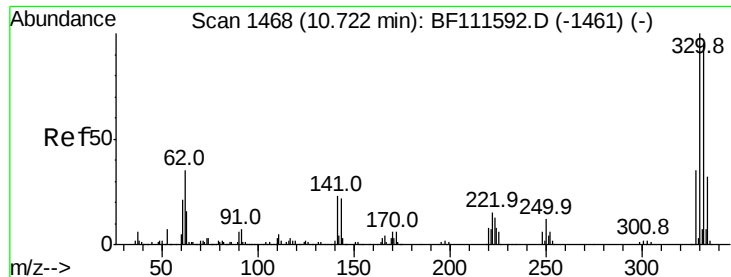


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

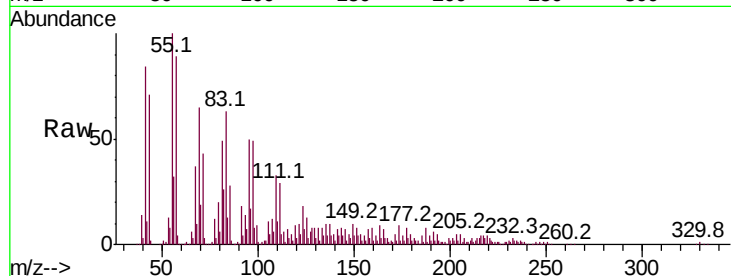




#42
 2,4,6-Tribromophenol
 Concen: 0.687 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF111669.D
 Acq: 21 Dec 2018 5:46

Instrument :
 BNA_F
 ClientSampleId :
 OD-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.0	114.0
141	84.0	31.0	46.6#

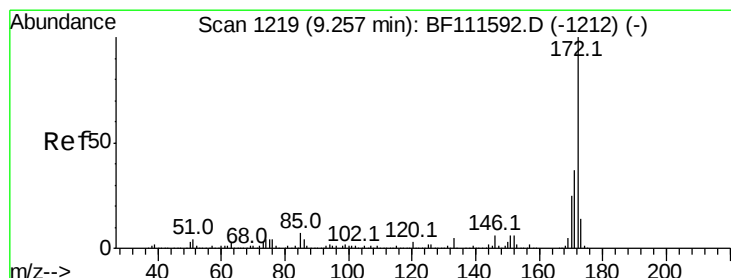
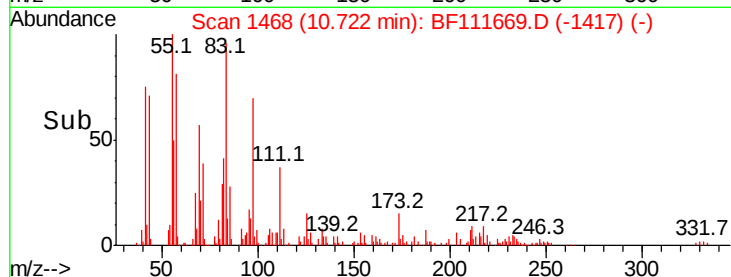
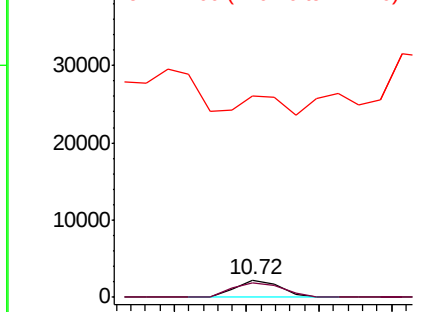


Abundance

Ion 329.80 (329.50 to 330.50): E

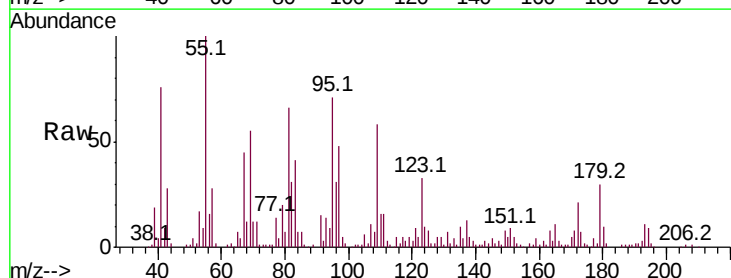
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	36.3	33.0	49.4
170	21.2	22.3	33.5#

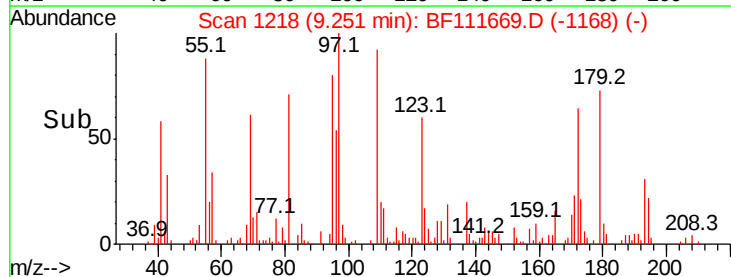
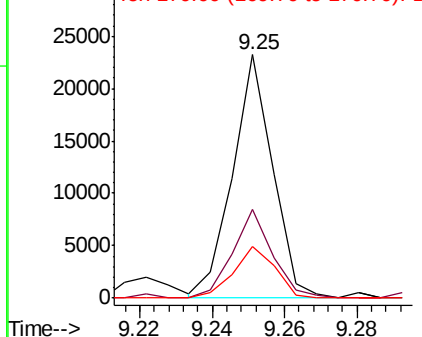


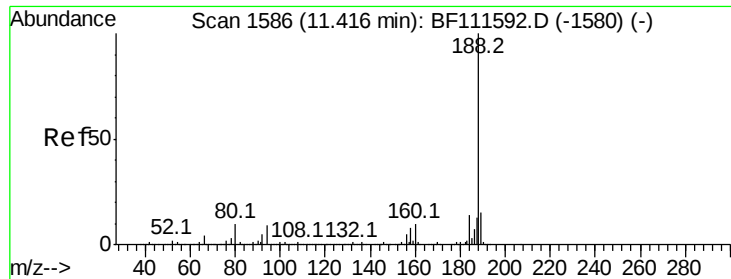
Abundance

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





#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

Instrument :

BNA_F

ClientSampleId :

OD-3

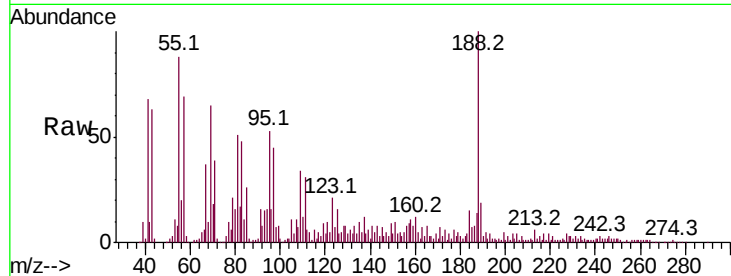
Tot Ion:188 Resp: 345429

Ion Ratio Lower Upper

188 100

94 15.7 9.6 14.4#

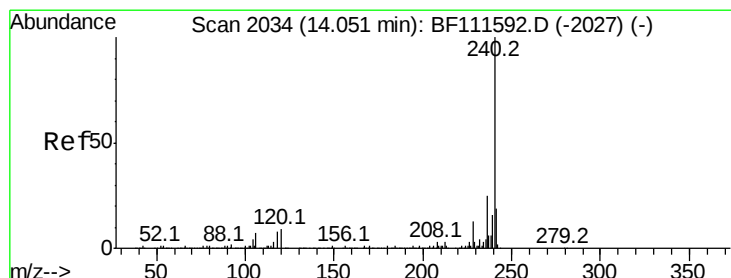
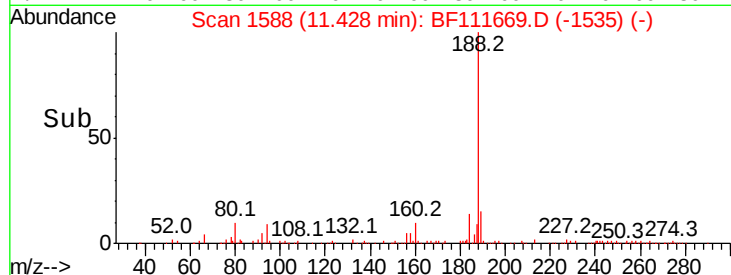
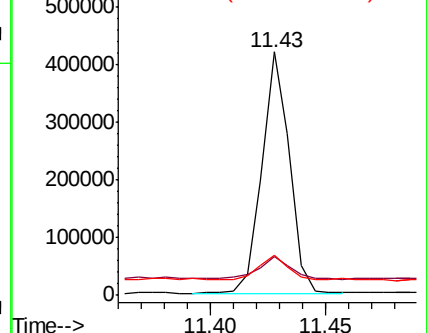
80 16.3 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#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

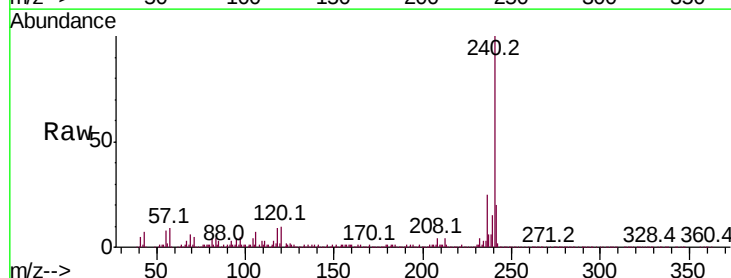
Tgt Ion:240 Resp: 407581

Ion Ratio Lower Upper

240 100

120 10.0 12.2 18.2#

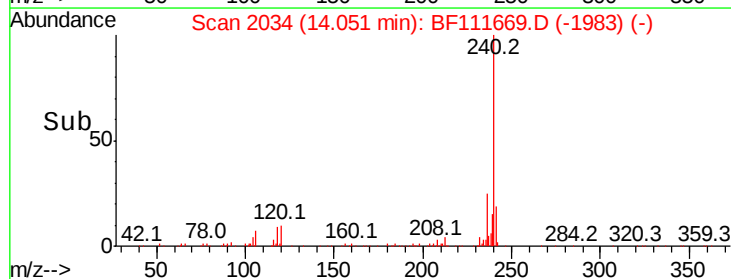
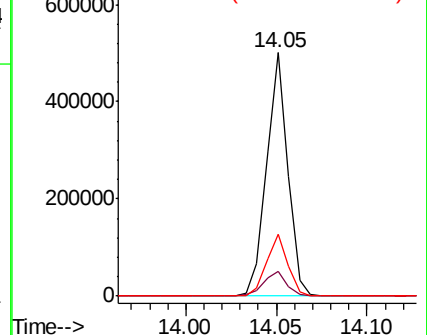
236 25.4 20.2 30.2

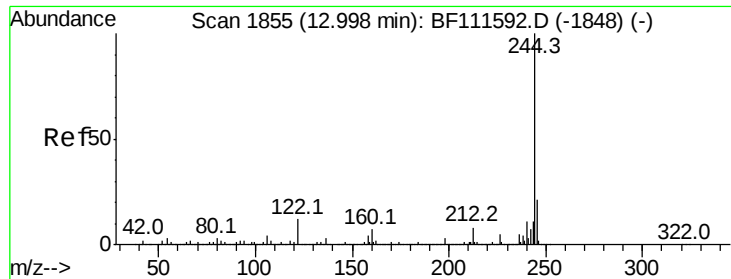


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 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

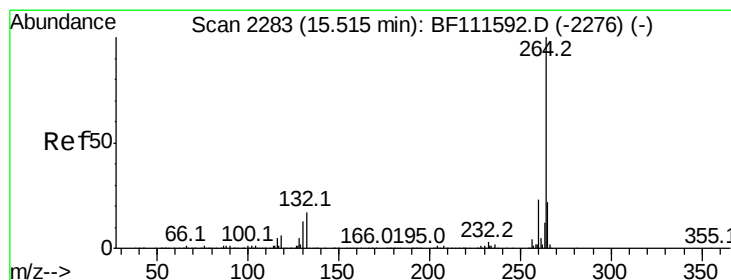
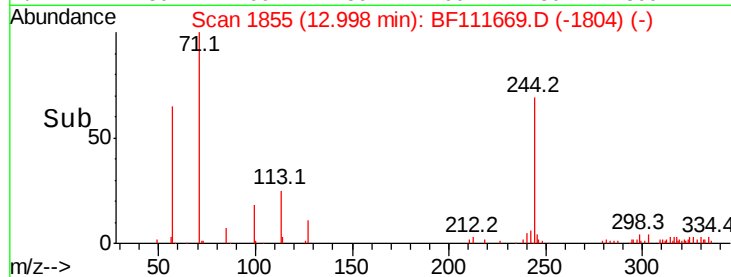
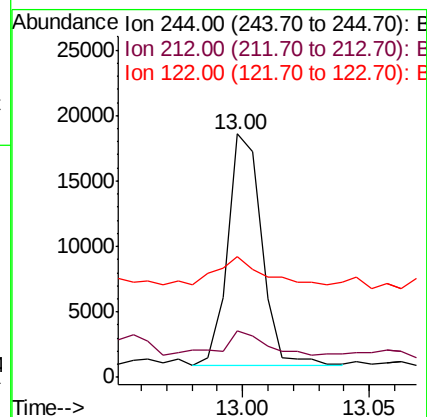
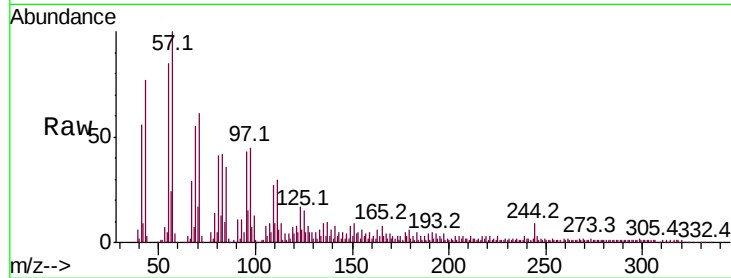
Tot Ion:244 Resp: 16409

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

