

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111569.D
 Acq On : 18 Dec 2018 6:05
 Operator : JU/SJ
 Sample : J6403-48
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Dec 18 07:27:10 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

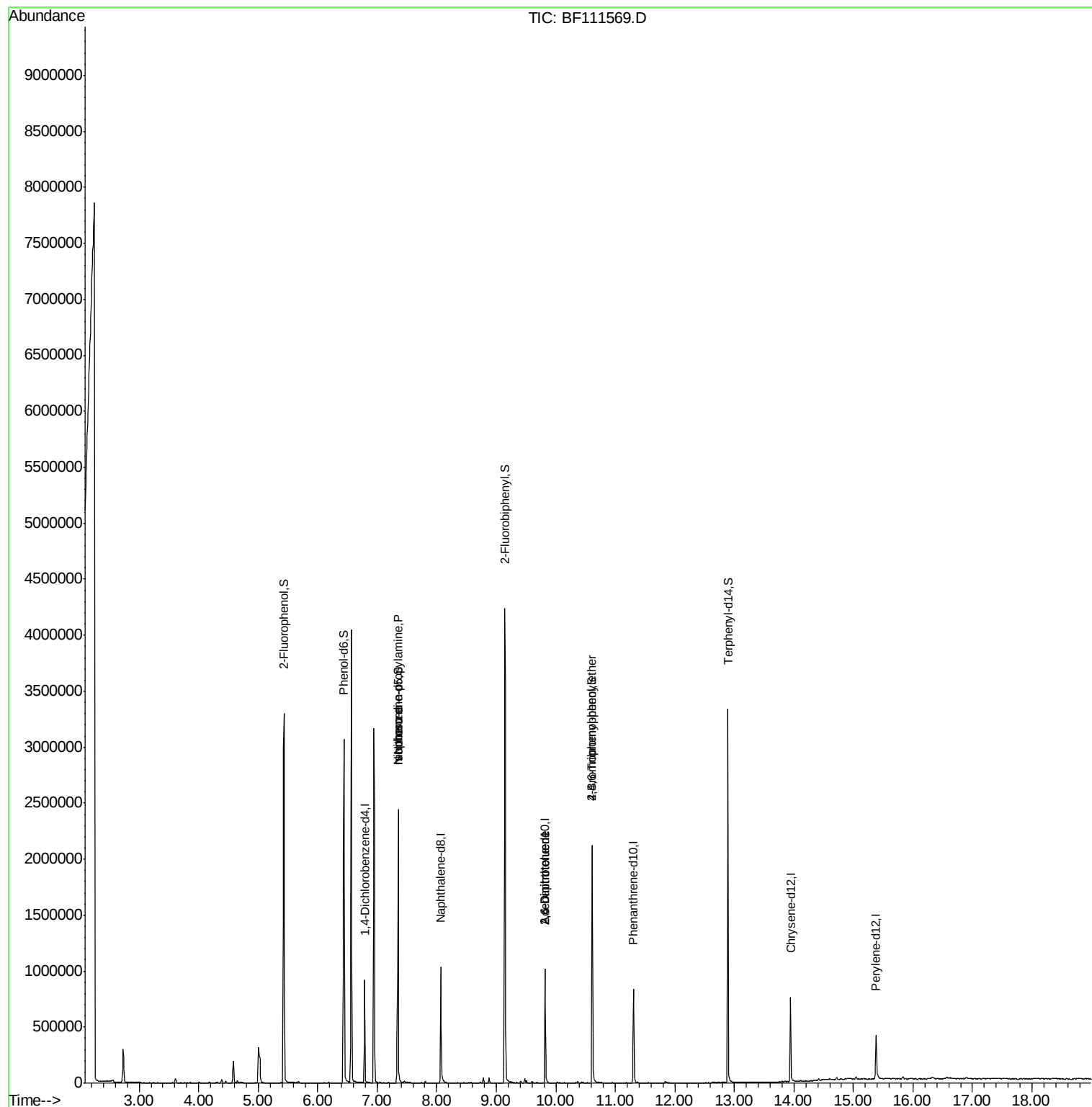
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123026	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	447678	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	200346	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	328326	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	286199	20.00	ng	0.00
87) Perylene-d12	15.38	264	199471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	922303	124.75	ng	0.02
7) Phenol-d6	6.44	99	1034467	105.19	ng	0.00
23) Nitrobenzene-d5	7.35	82	790987	105.21	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	251019	139.87	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1443258	111.27	ng	-0.01
79) Terphenyl-d14	12.89	244	1139090	93.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	104967	16.179	ng	# 81
25) Isophorone	7.35	82	790975	62.182	ng	# 64
51) 2,6-Dinitrotoluene	9.82	165	25484	7.847	ng	# 30
57) 2,4-Dinitrotoluene	9.82	165	25484	5.978	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	15926	4.501	ng	# 1

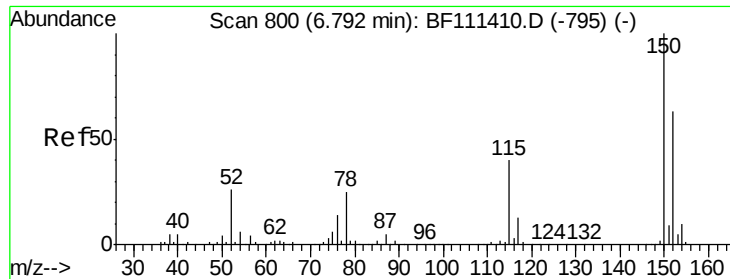
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111569.D
Acq On : 18 Dec 2018 6:05
Operator : JU/SJ
Sample : J6403-48
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 18 07:27:10 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

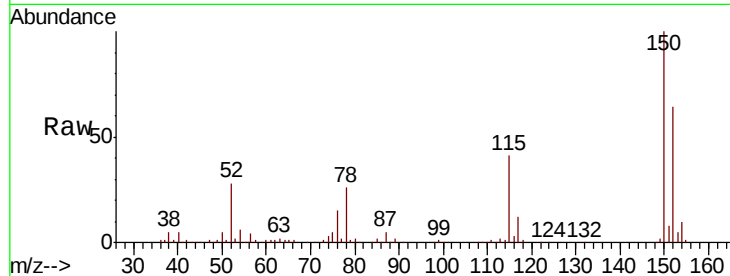




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111569.D
 Acq: 18 Dec 2018 6:05

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	64.2	50.7	76.1

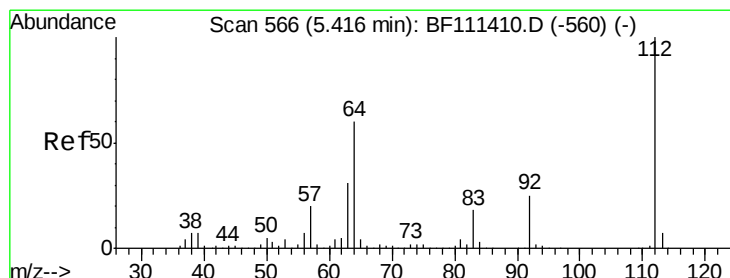
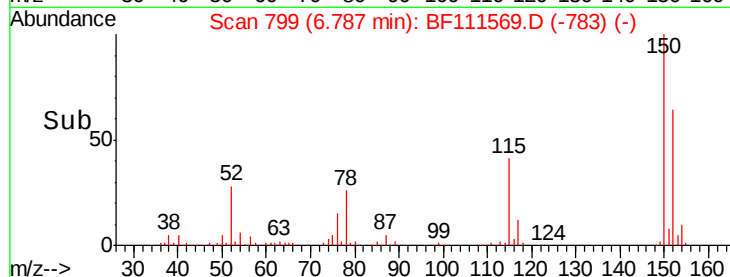
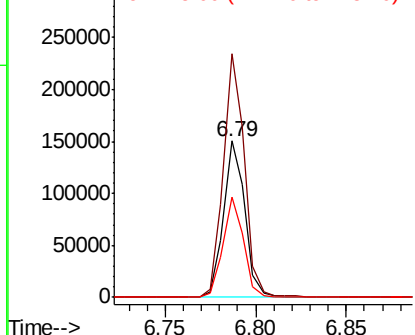


Abundance

Ion 152.00 (151.70 to 152.70): E

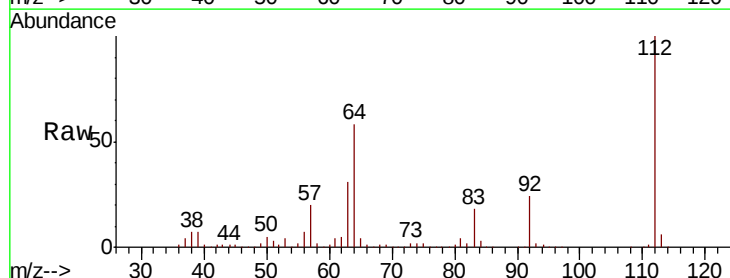
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 124.751 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF111569.D
 Acq: 18 Dec 2018 6:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	51.8	77.6
63	30.9	26.8	40.2

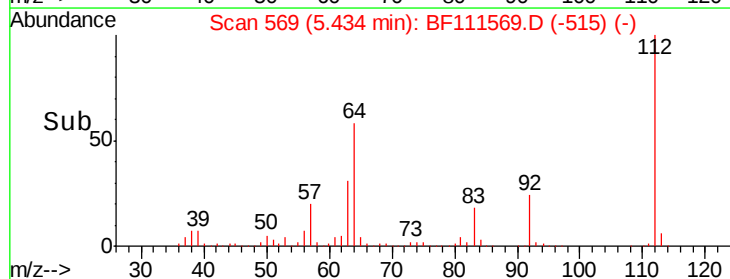
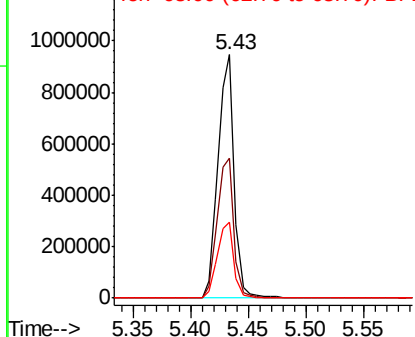


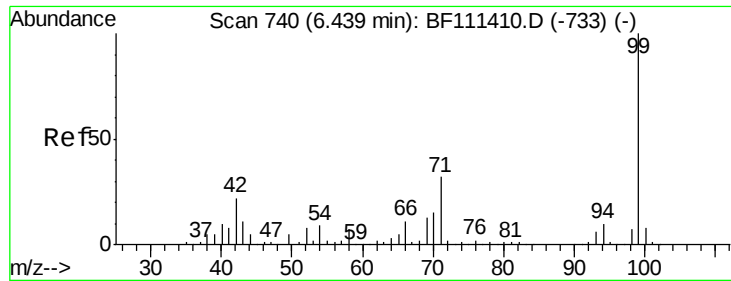
Abundance

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: 105.191 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

Instrument :

BNA_F

ClientSampled :

DFTPP

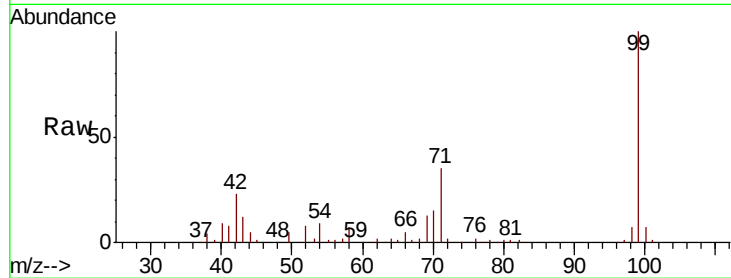
Tgt Ion: 99 Resp: 1034467

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

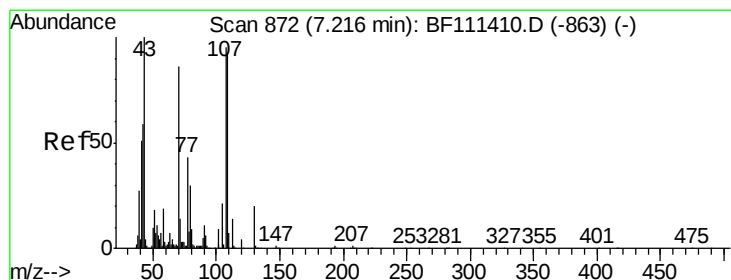
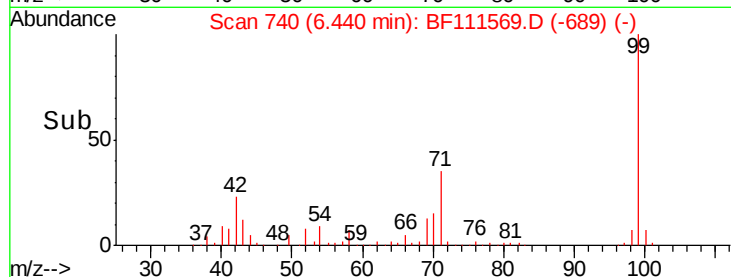
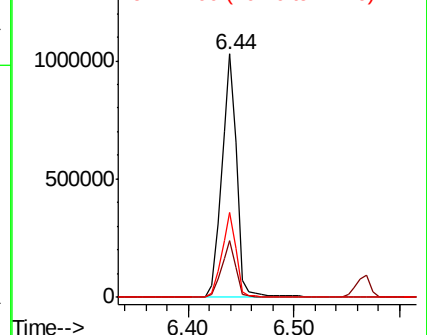
71 34.7 26.1 39.1



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: 16.179 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

Tgt Ion: 70 Resp: 104967

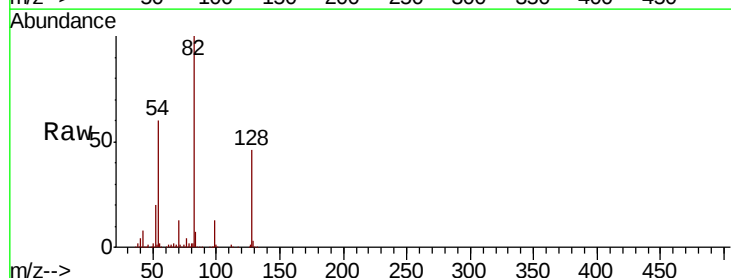
Ion Ratio Lower Upper

70 100

42 58.9 53.2 79.8

101 0.0 8.2 12.4#

130 2.5 18.1 27.1#

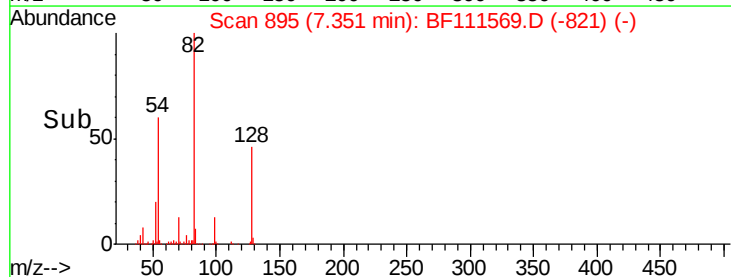
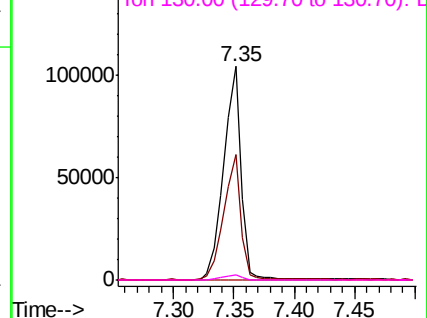


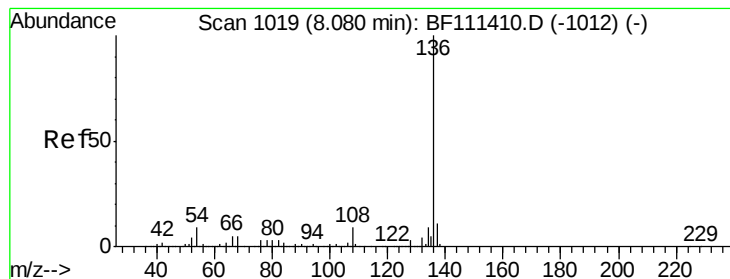
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1017

Delta R.T. -0.01 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 136 Resp: 447678

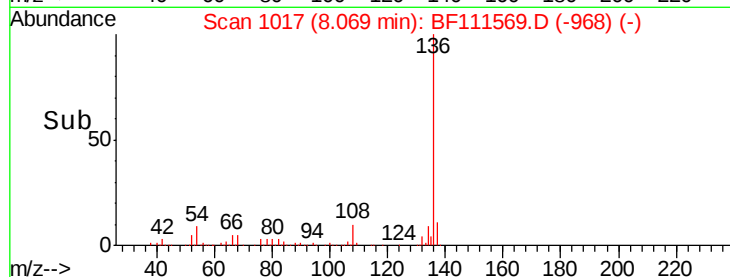
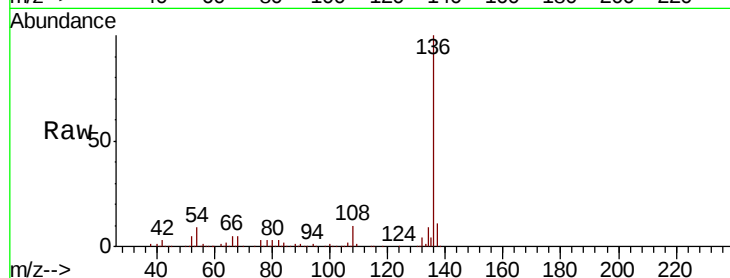
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.1 7.7 11.5

68 4.5 4.9 7.3#

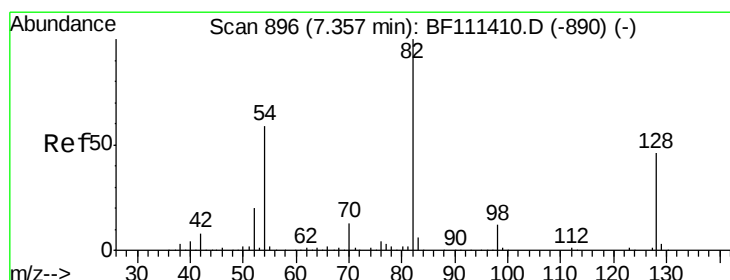
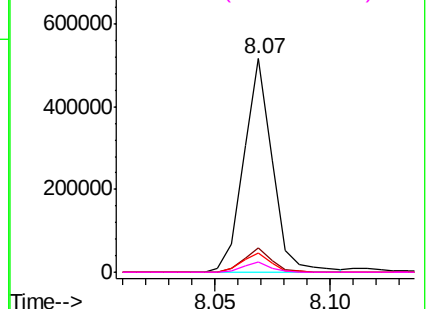


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.215 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

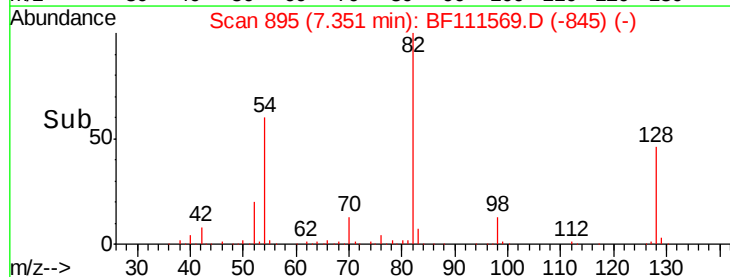
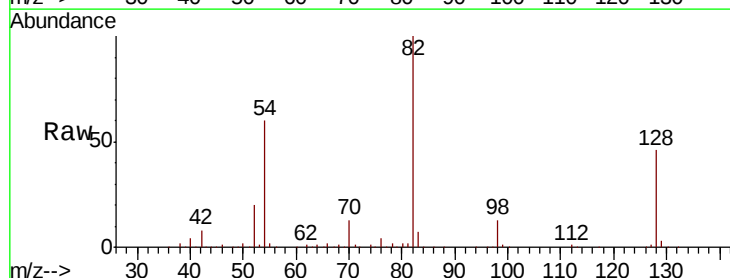
Tgt Ion: 82 Resp: 790987

Ion Ratio Lower Upper

82 100

128 46.4 37.4 56.2

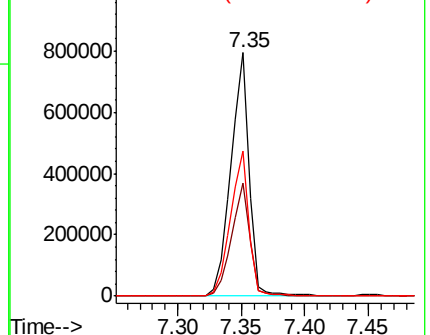
54 59.8 47.6 71.4

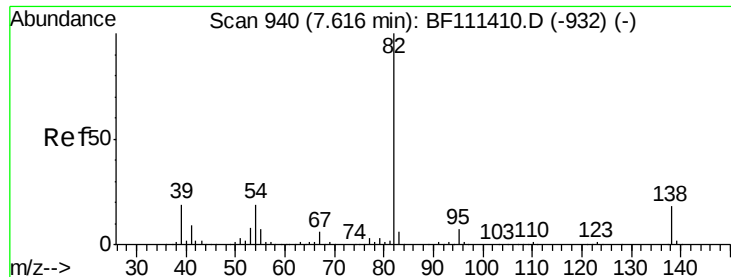


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 62.182 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

Instrument :

BNA_F

ClientSampleId :

DFTPP

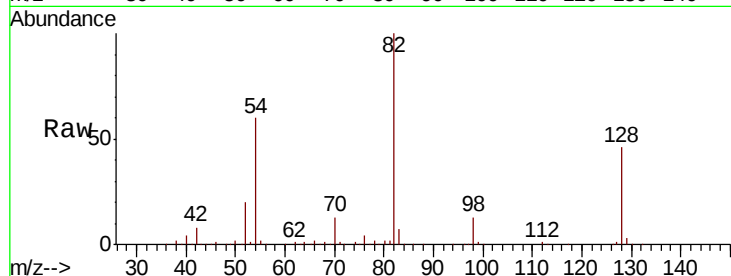
Tgt Ion: 82 Resp: 790975

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

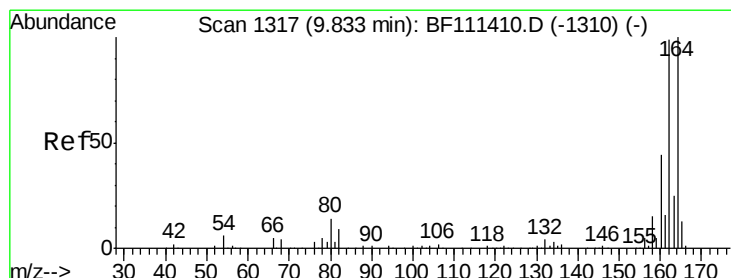
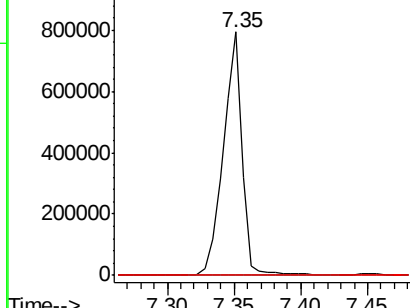
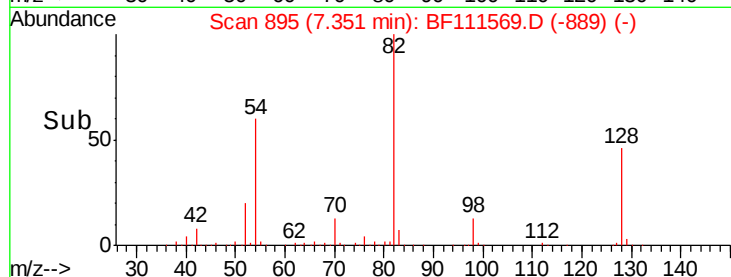
138 0.0 15.1 22.7#



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111569.D

Acq: 18 Dec 2018 6:05

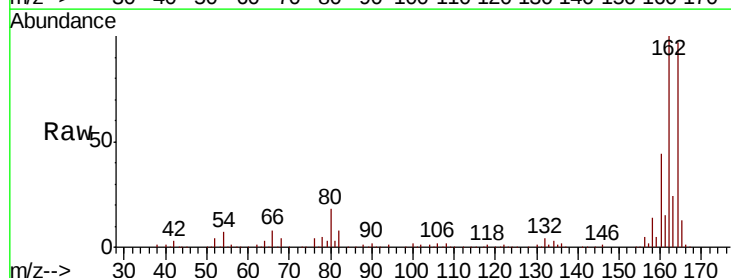
Tgt Ion: 164 Resp: 200346

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

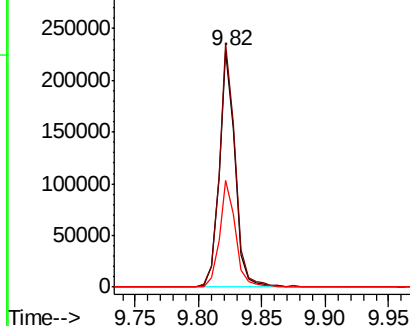
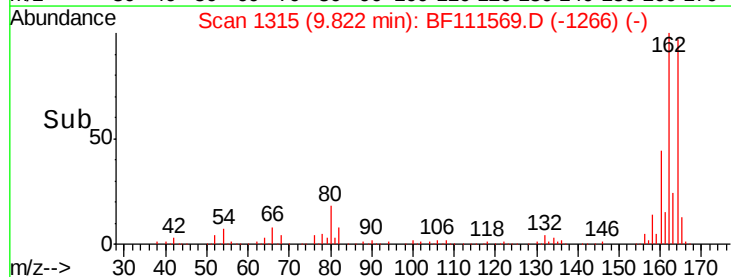
160 45.0 35.7 53.5

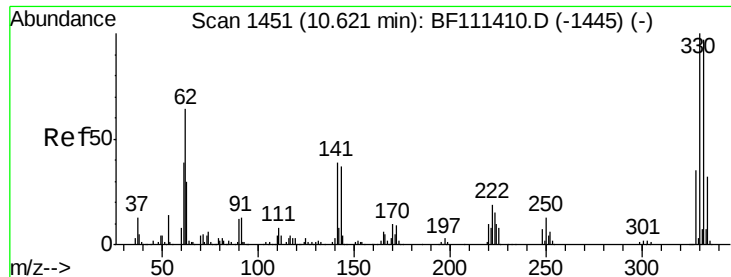


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

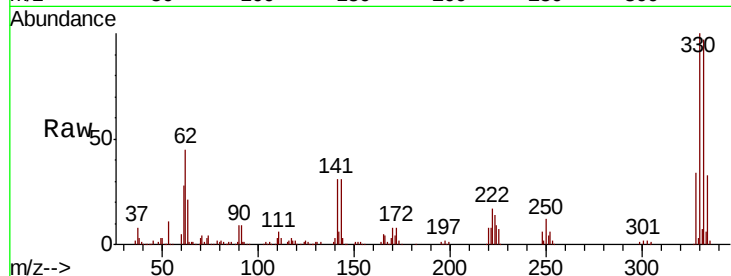




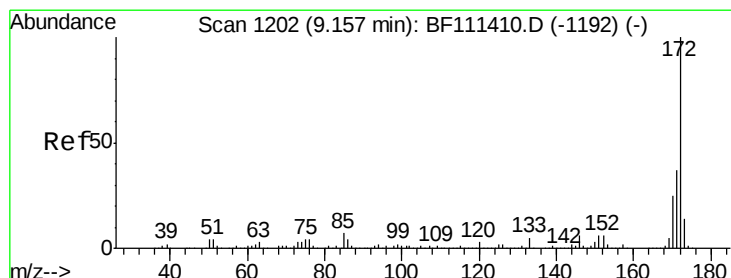
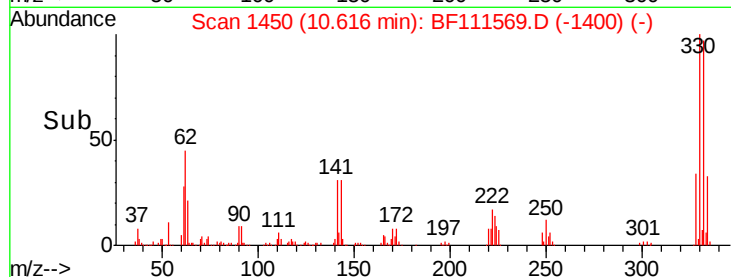
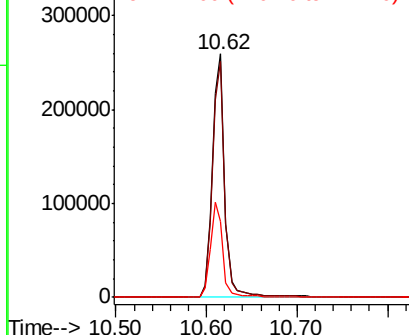
#42
 2,4,6-Tribromophenol
 Concen: 139.869 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111569.D
 Acq: 18 Dec 2018 6:05

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	39.5	31.0	46.6

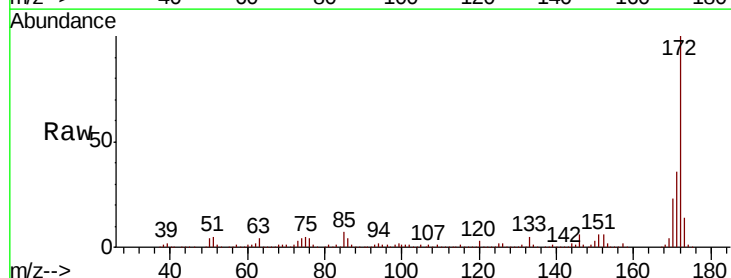


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

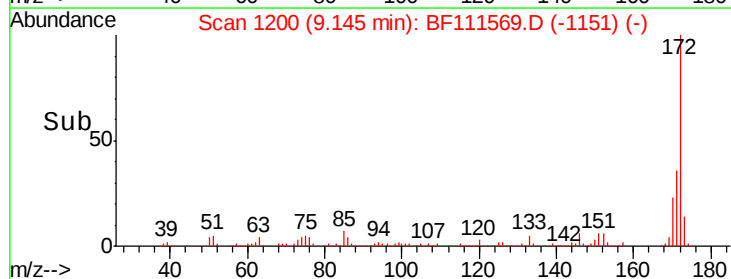
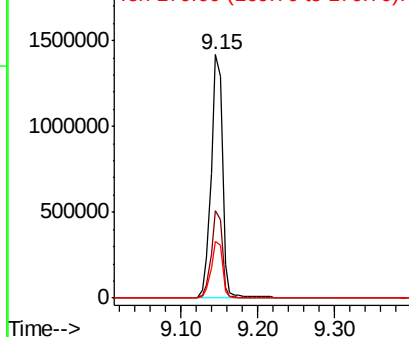


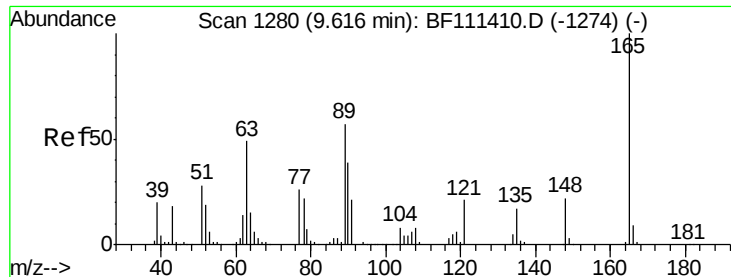
#45
 2-Fluorobiphenyl
 Concen: 111.273 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111569.D
 Acq: 18 Dec 2018 6:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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

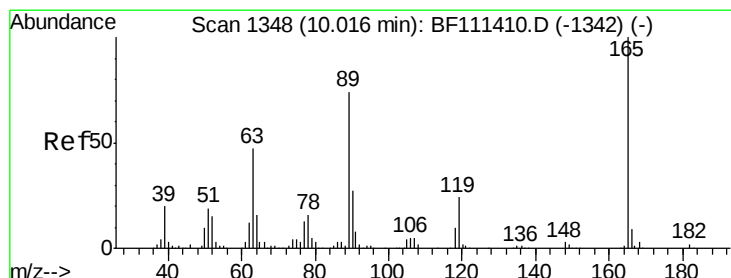
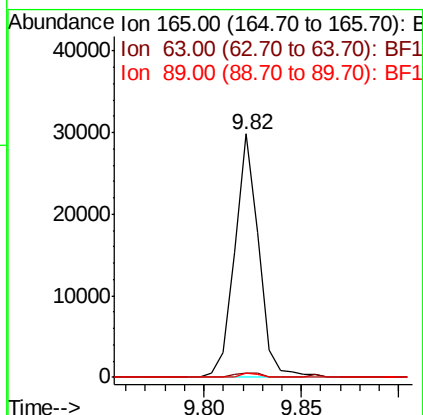
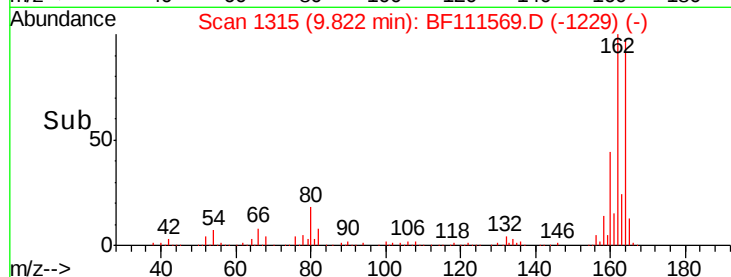
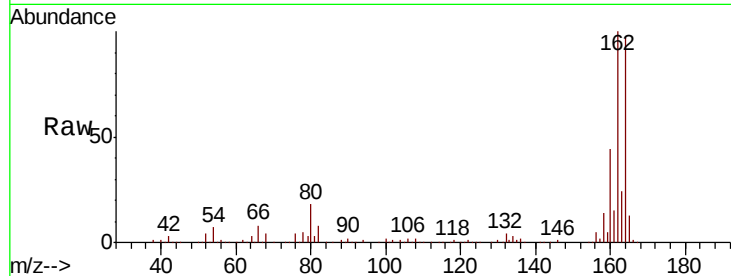




#51
 2,6-Dinitrotoluene
 Concen: 7.847 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF111569.D
 Acq: 18 Dec 2018 6:05

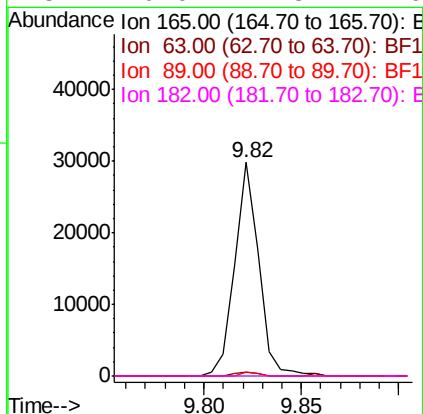
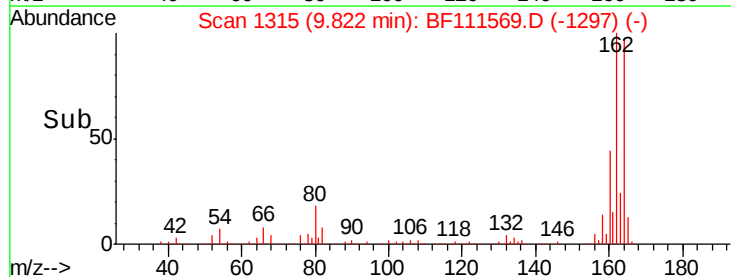
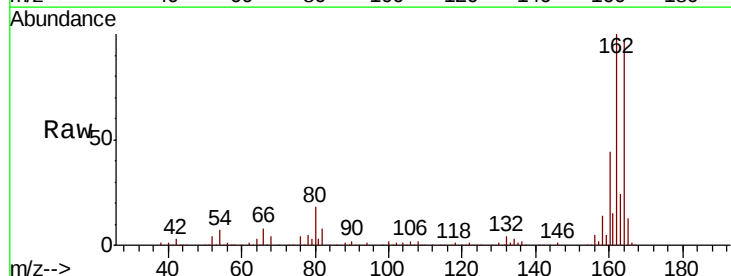
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

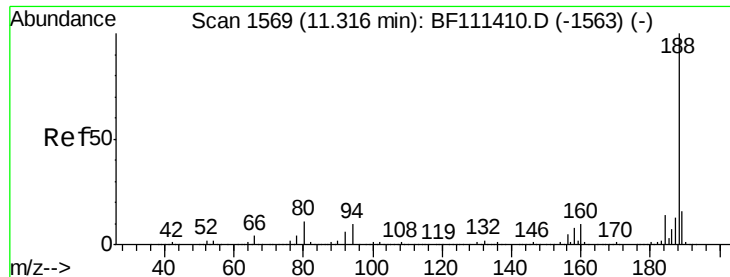
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.5	60.7#
89	1.7	40.0	60.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.978 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF111569.D
 Acq: 18 Dec 2018 6:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.7	56.2	84.4#
182	0.0	1.8	2.6#

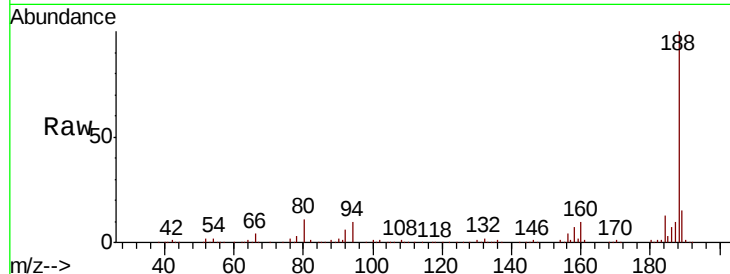




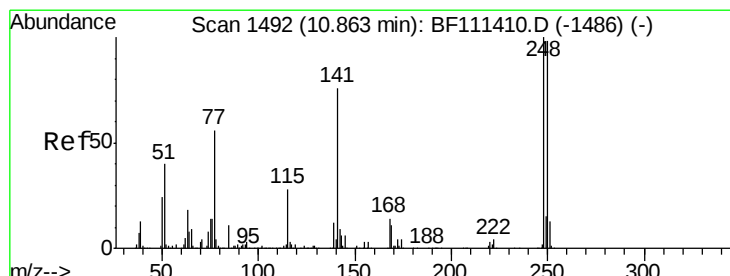
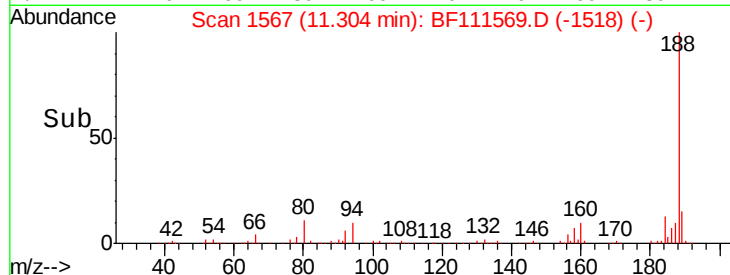
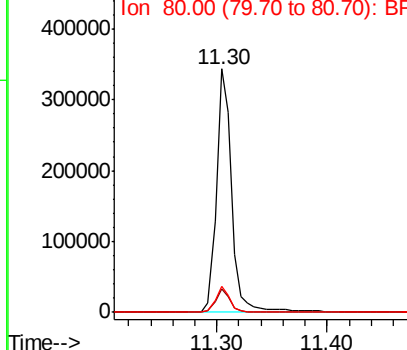
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111569.D
Acq: 18 Dec 2018 6:05

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 328326
Ion Ratio Lower Upper
188 100
94 9.7 9.6 14.4
80 10.6 9.8 14.6

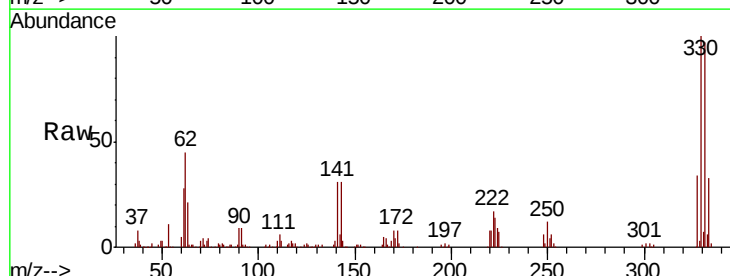


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

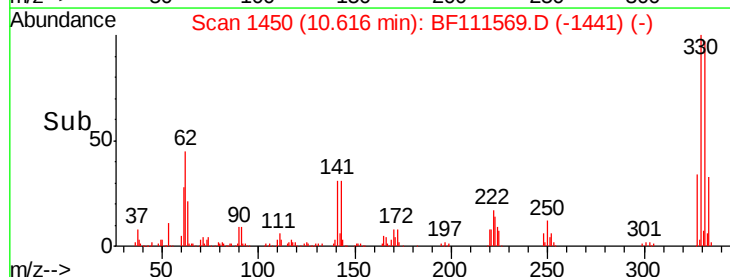
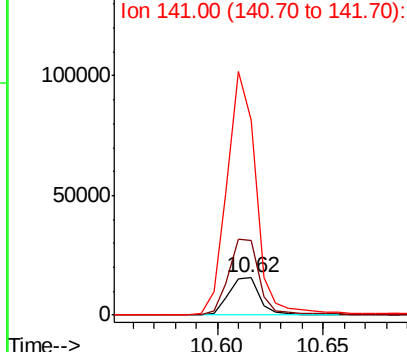


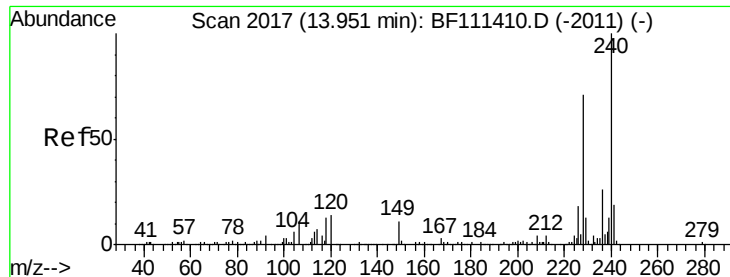
#67
4-Bromophenyl-phenylether
Concen: 4.501 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111569.D
Acq: 18 Dec 2018 6:05

Tgt Ion:248 Resp: 15926
Ion Ratio Lower Upper
248 100
250 200.0 77.0 115.4#
141 521.1 63.0 94.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

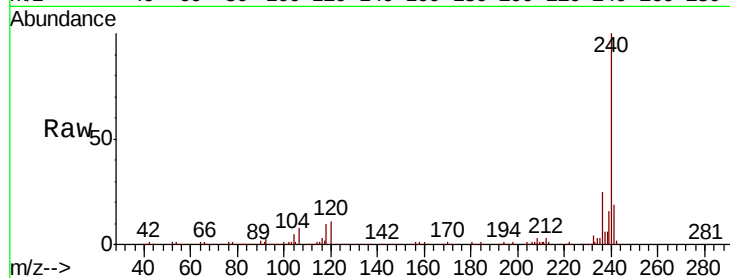




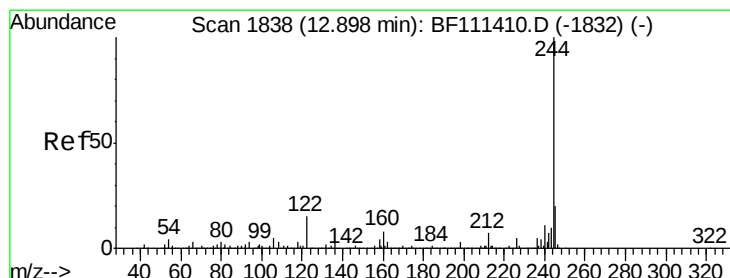
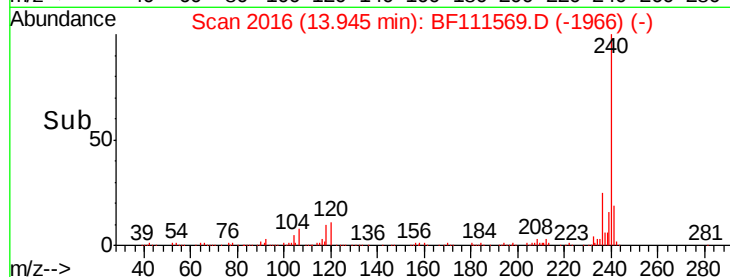
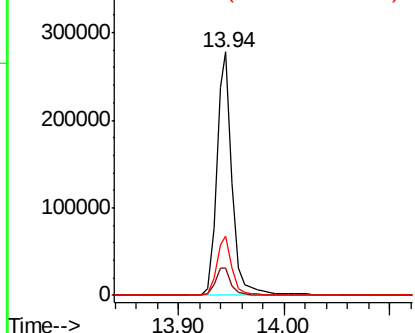
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111569.D
Acq: 18 Dec 2018 6:05

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 286199
Ion Ratio Lower Upper
240 100
120 11.4 12.2 18.2#
236 24.5 20.2 30.2

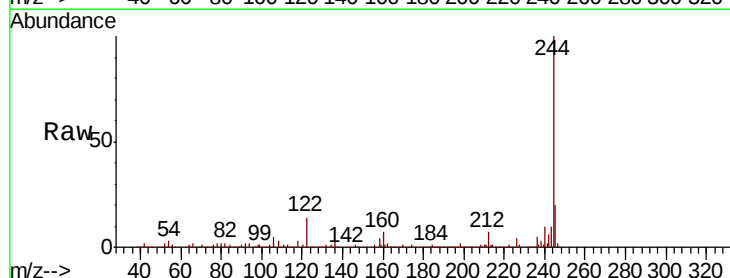


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

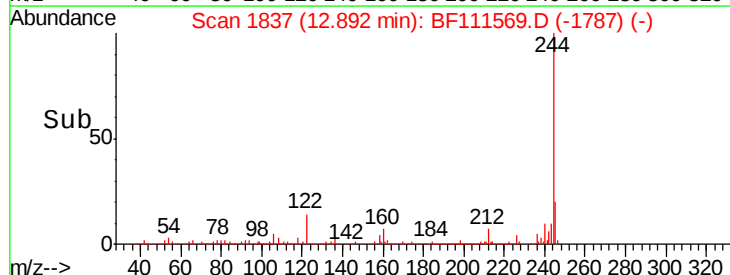
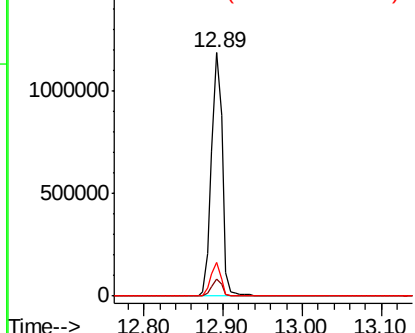


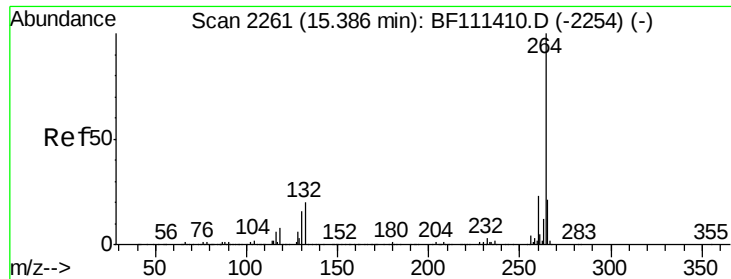
#79
Terphenyl-d14
Concen: 93.461 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111569.D
Acq: 18 Dec 2018 6:05

Tgt Ion:244 Resp: 1139090
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 13.6 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: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111569.D
Acq: 18 Dec 2018 6:05

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	23.0	17.7	26.5

