

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111360.D
 Acq On : 13 Dec 2018 10:23
 Operator : JU/SJ
 Sample : J6193-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 11:04:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

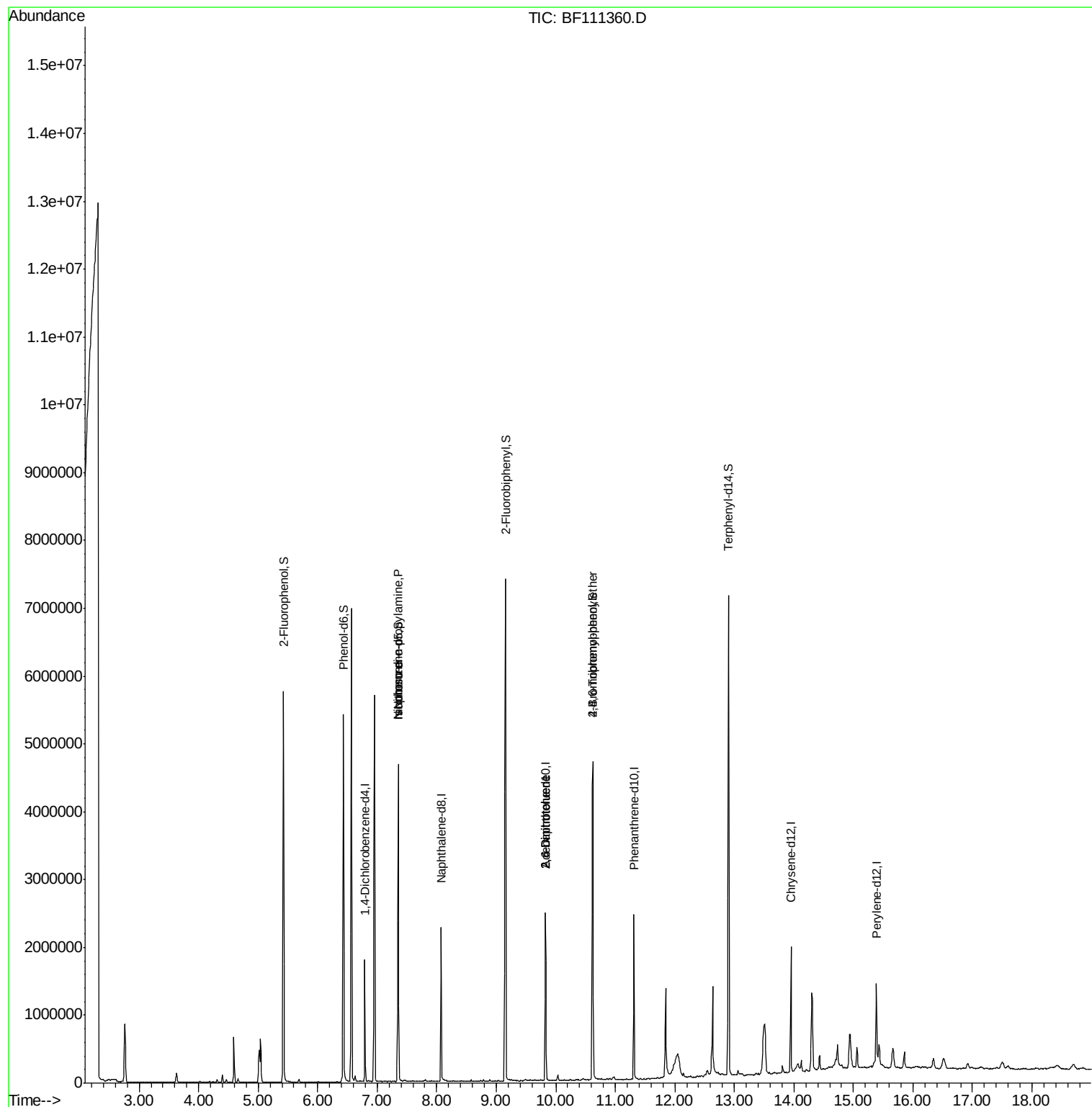
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	244429	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	988555	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	476835	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	882778	20.00	ng	0.00
76) Chrysene-d12	13.95	240	652189	20.00	ng	0.00
87) Perylene-d12	15.39	264	521424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1655911	114.56	ng	0.02
7) Phenol-d6	6.43	99	1843388	94.59	ng	0.00
23) Nitrobenzene-d5	7.36	82	1576515	89.89	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	580238	138.04	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2675283	90.08	ng	0.00
79) Terphenyl-d14	12.90	244	2785480	94.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2912	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	208626	16.110	ng	# 79
25) Isophorone	7.36	82	1553800	52.154	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	61747	8.124	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	61747	6.339	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	37876	3.854	ng	# 1

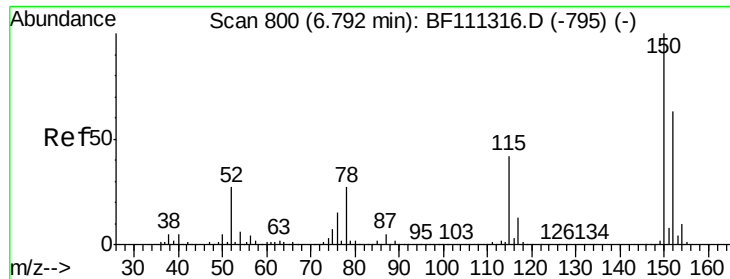
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111360.D
Acq On : 13 Dec 2018 10:23
Operator : JU/SJ
Sample : J6193-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 11:04:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

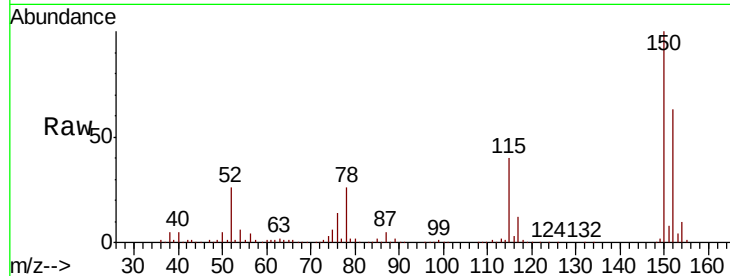
Tot Ion:152 Resp: 244429

Ion Ratio Lower Upper

152 100

150 158.8 126.6 189.8

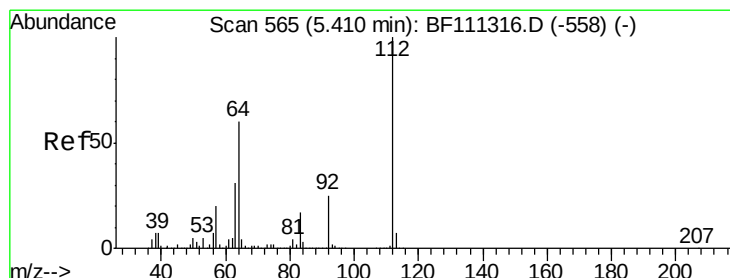
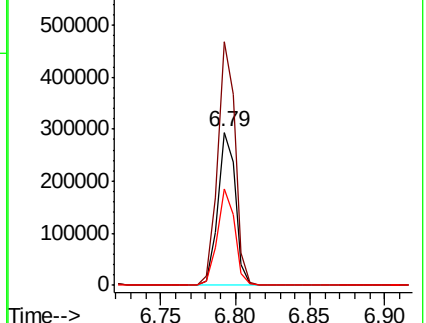
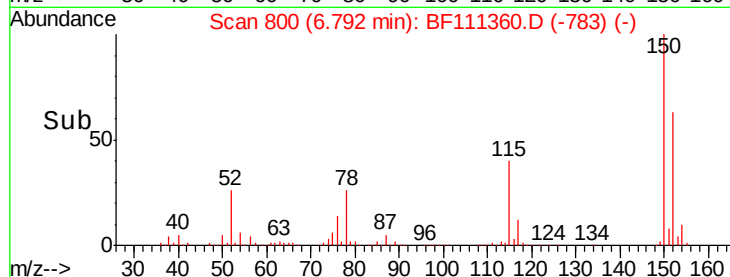
115 63.2 50.7 76.1



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: 114.561 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

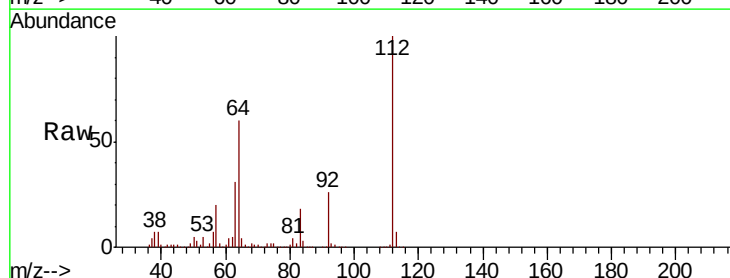
Tgt Ion:112 Resp: 1655911

Ion Ratio Lower Upper

112 100

64 60.4 51.8 77.6

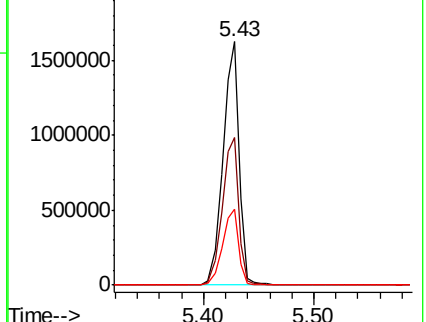
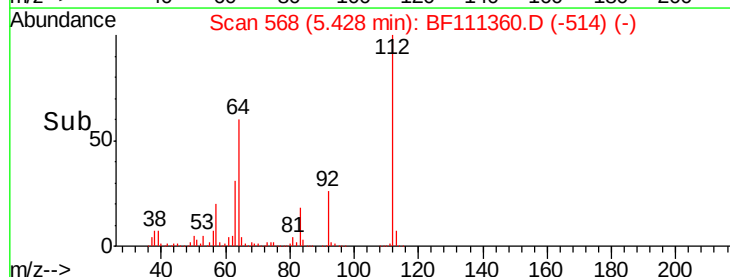
63 31.3 26.8 40.2

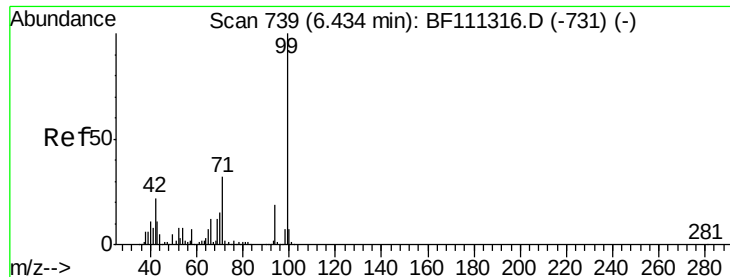


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.589 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

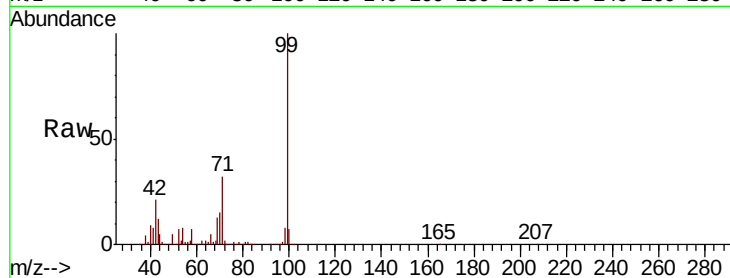
Tot Ion: 99 Resp: 1843388

Ion Ratio Lower Upper

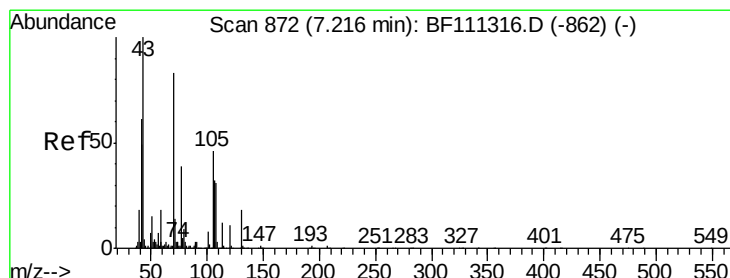
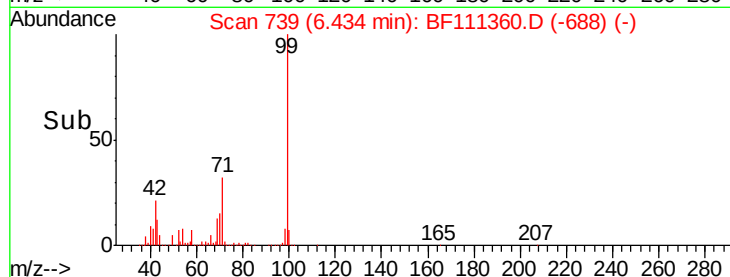
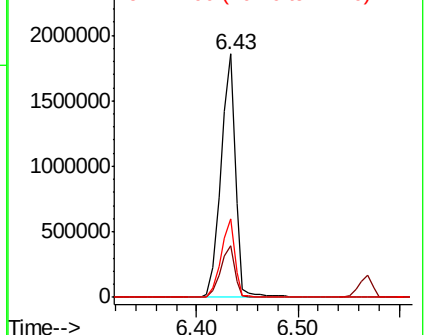
99 100

42 21.4 17.4 26.0

71 32.3 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: 16.110 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Tgt Ion: 70 Resp: 208626

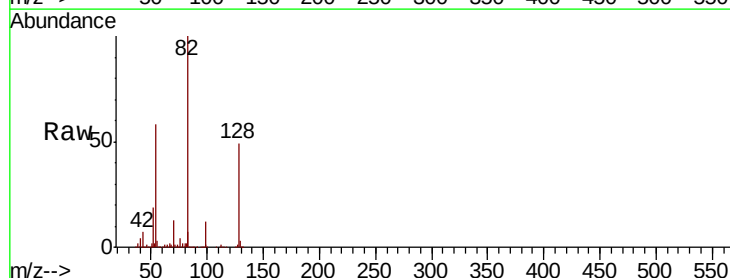
Ion Ratio Lower Upper

70 100

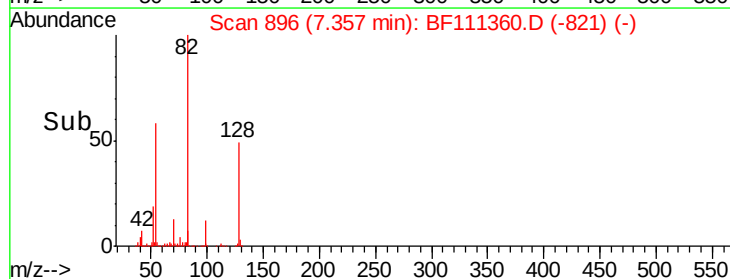
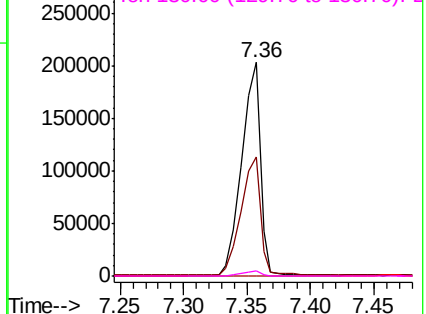
42 55.9 53.2 79.8

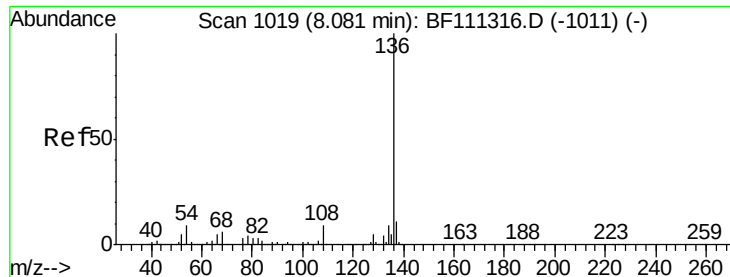
101 0.0 8.2 12.4#

130 2.3 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

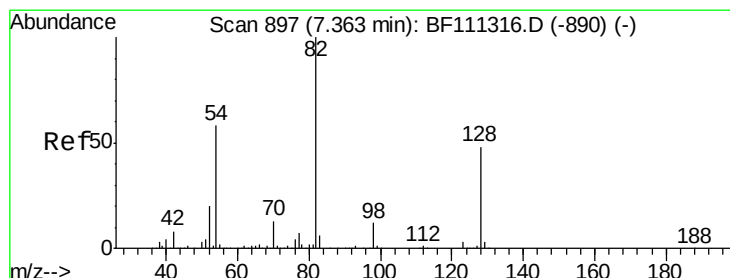
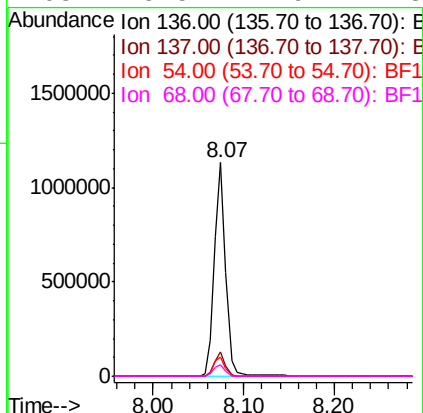
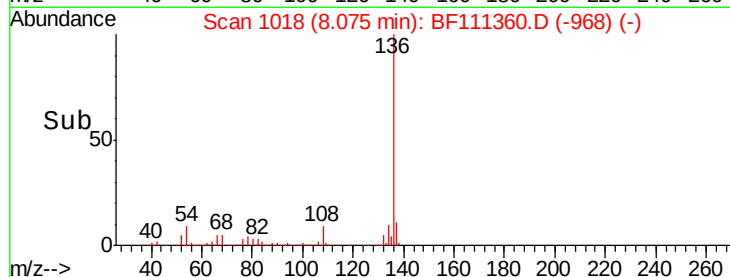
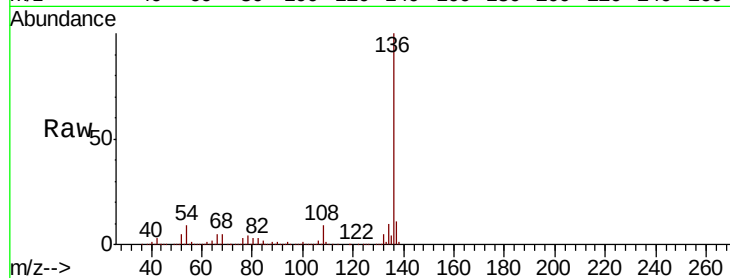




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111360.D
Acq: 13 Dec 2018 10:23

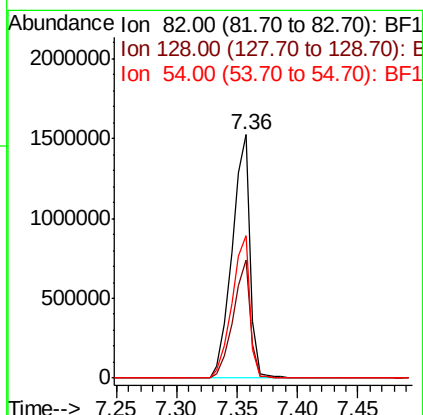
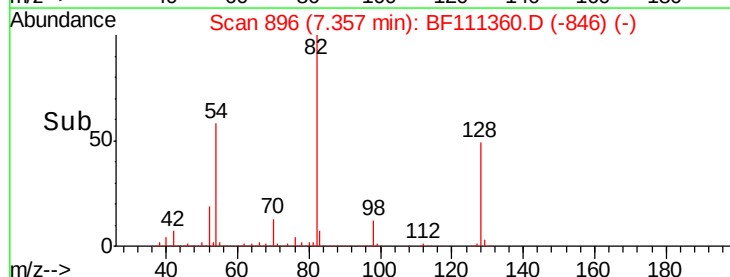
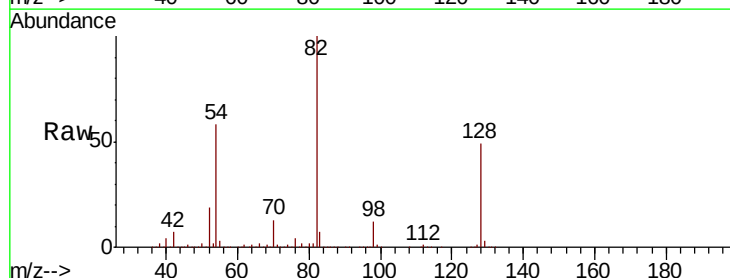
Instrument :
BNA_F
ClientSampleId :

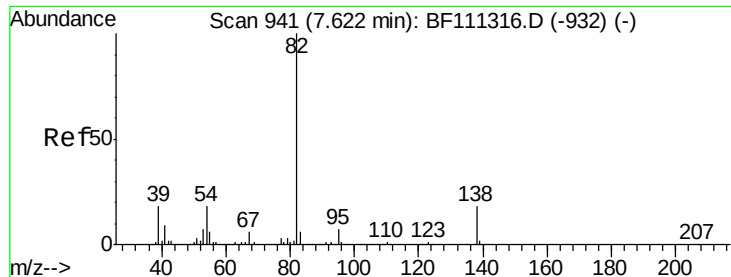
Tot Ion:136	Resp: 988555
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 9.2	7.7 11.5
68 5.5	4.9 7.3



#23
Nitrobenzene-d5
Concen: 89.886 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111360.D
Acq: 13 Dec 2018 10:23

Tgt	Ion: 82	Resp: 1576515	
Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.4	56.2
54	58.4	47.6	71.4





#25

Isophorone

Concen: 52.154 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

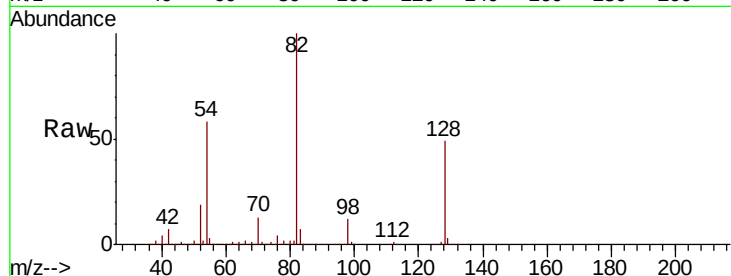
Tot Ion: 82 Resp: 1553800

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

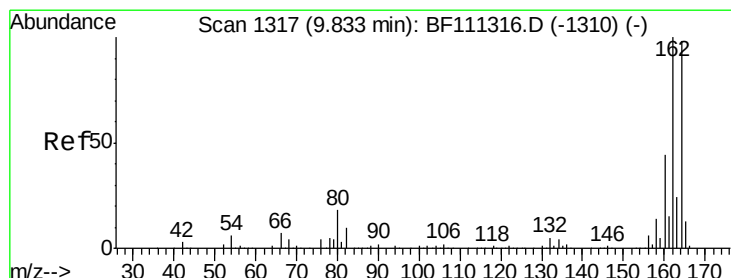
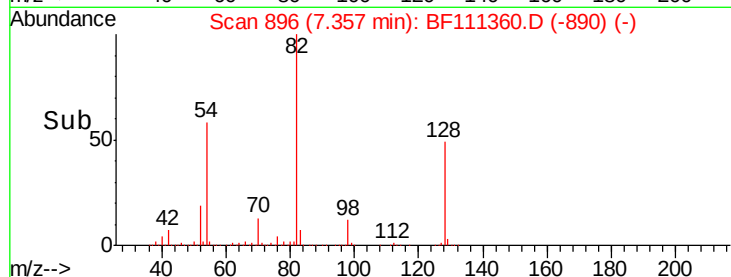
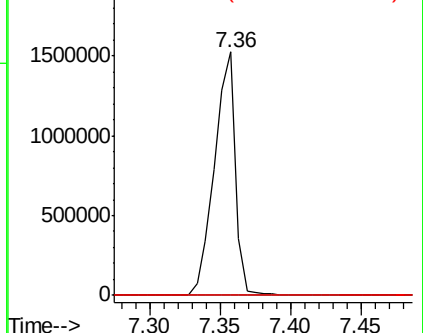
138 0.0 15.1 22.7#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

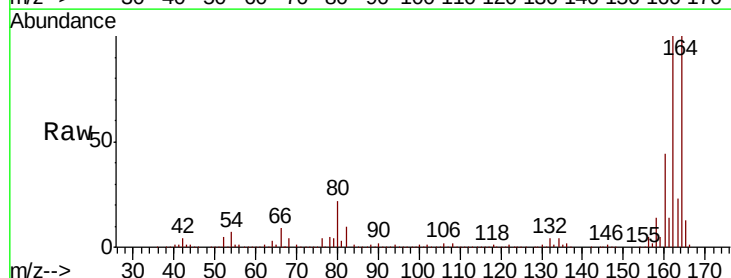
Tgt Ion:164 Resp: 476835

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

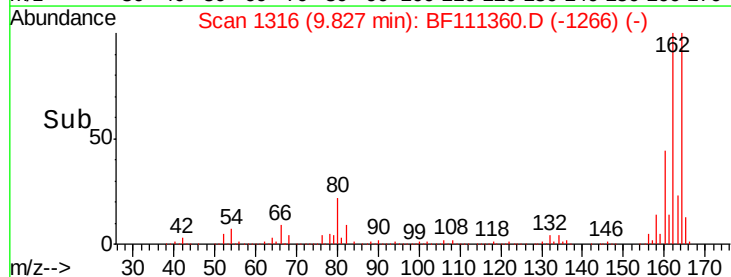
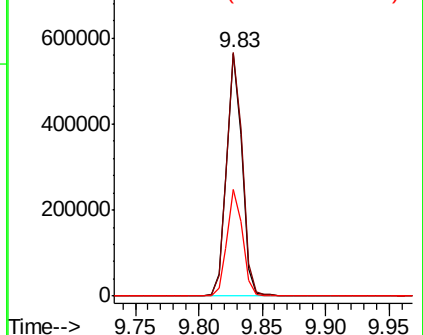
160 43.8 35.7 53.5

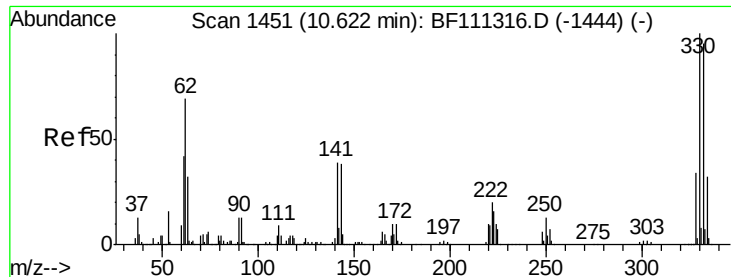


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 138.041 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Instrument :

BNA_F

ClientSampled :

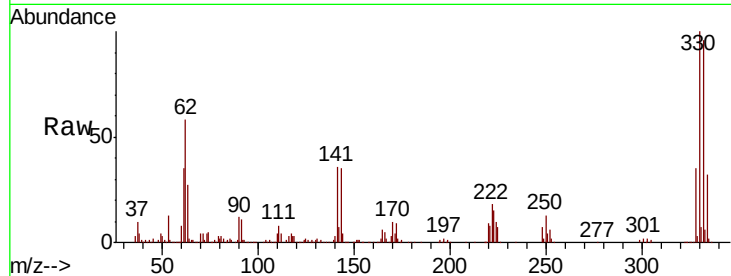
Tot Ion:330 Resp: 580238

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

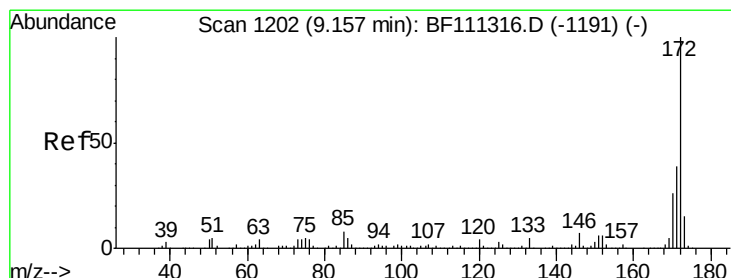
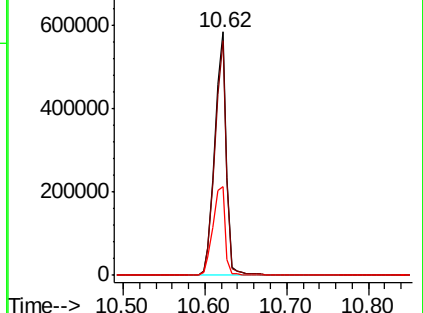
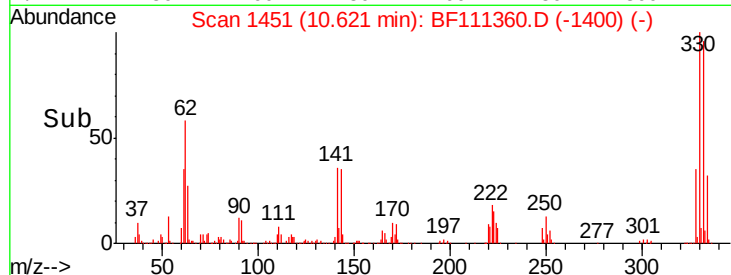
141 39.0 31.0 46.6



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: 90.076 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

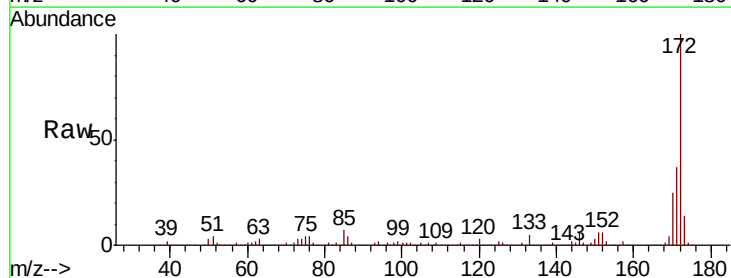
Tgt Ion:172 Resp: 2675283

Ion Ratio Lower Upper

172 100

171 37.2 33.0 49.4

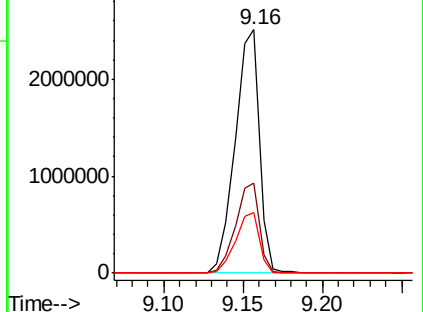
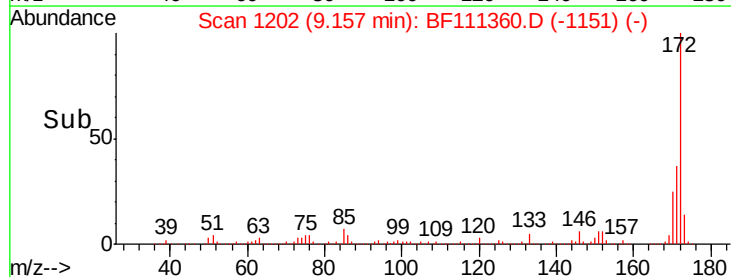
170 24.8 22.3 33.5

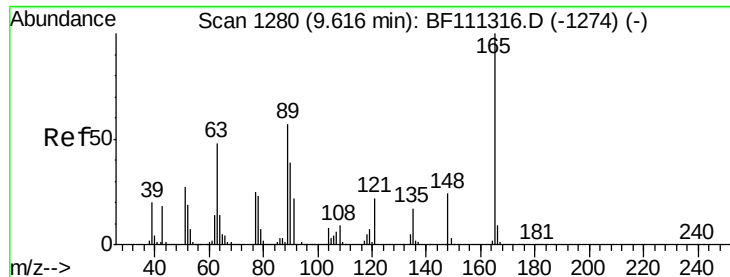


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

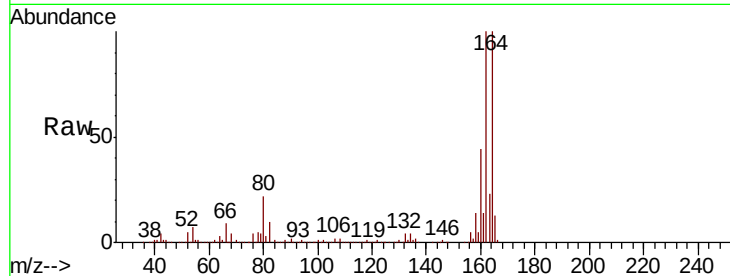




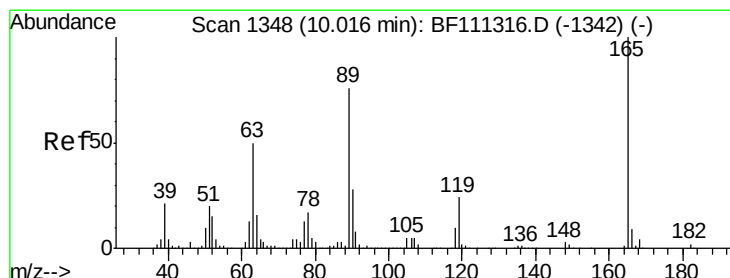
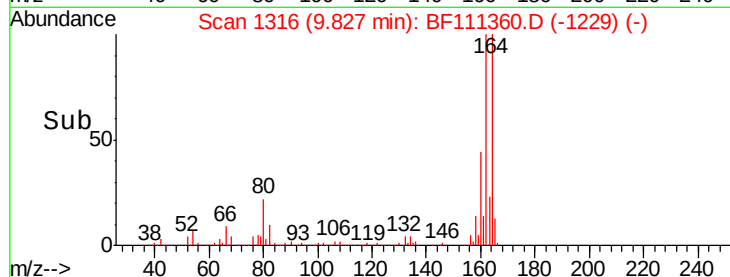
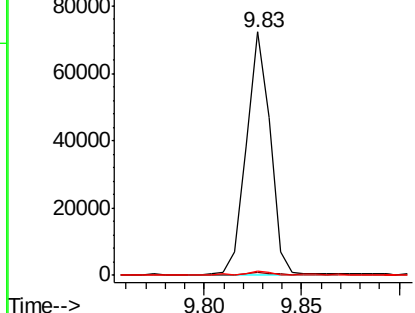
#51
2,6-Dinitrotoluene
Concen: 8.124 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111360.D
Acq: 13 Dec 2018 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.5	60.7#
89	1.8	40.0	60.0#



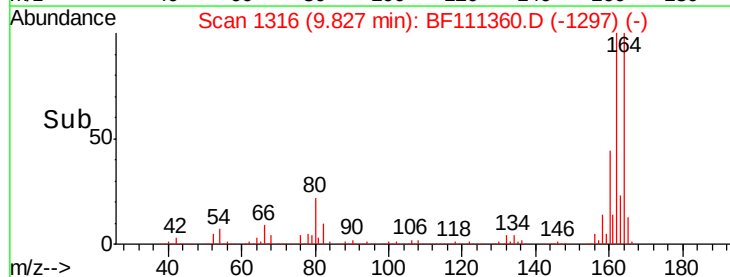
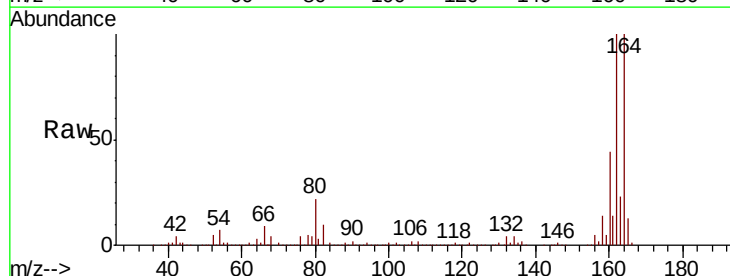
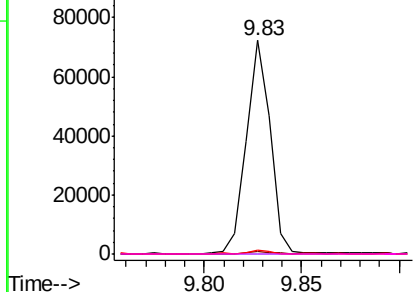
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

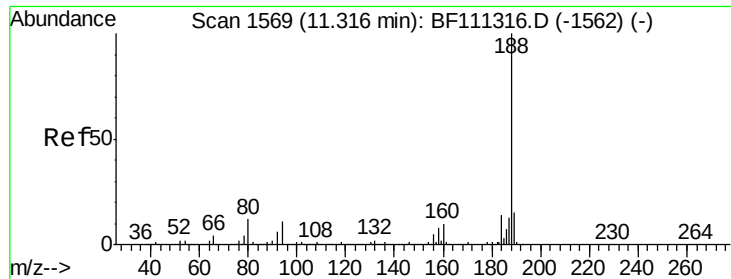


#57
2,4-Dinitrotoluene
Concen: 6.339 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111360.D
Acq: 13 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.6	52.0#
89	1.8	56.2	84.4#
182	0.0	1.8	2.6#

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
Ion 182.00 (181.70 to 182.70): E

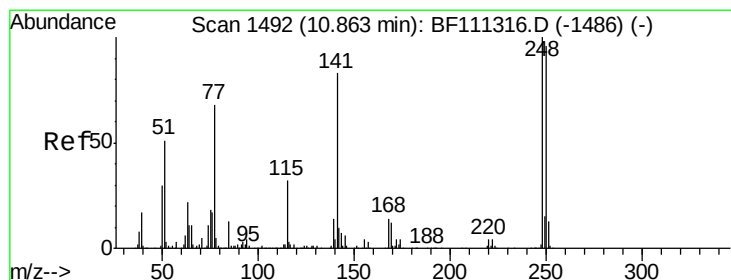
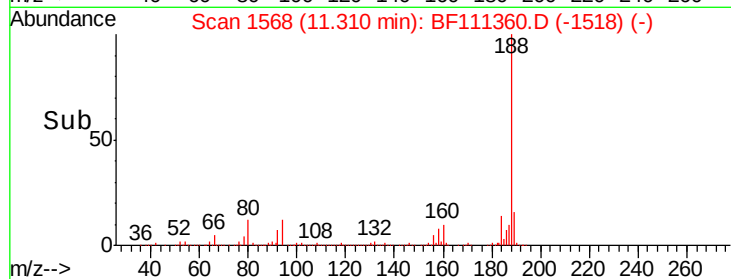
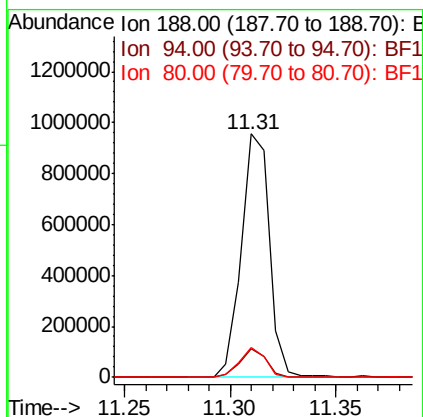
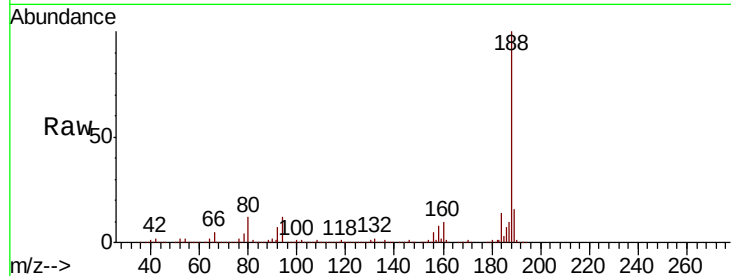




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111360.D
Acq: 13 Dec 2018 10:23

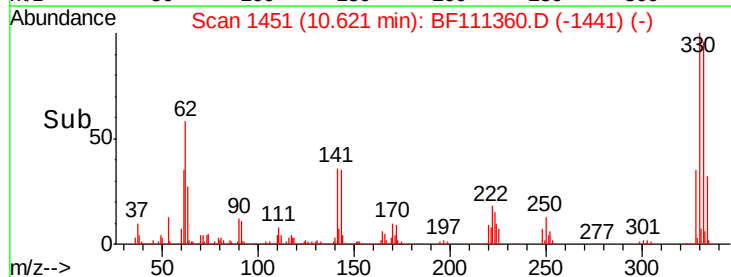
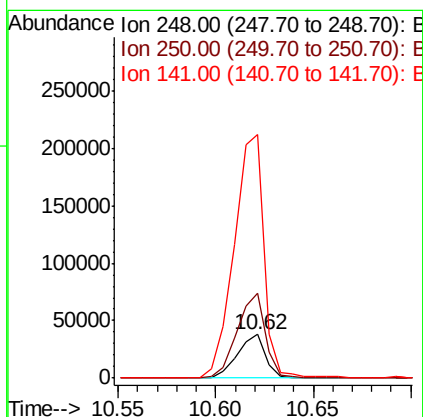
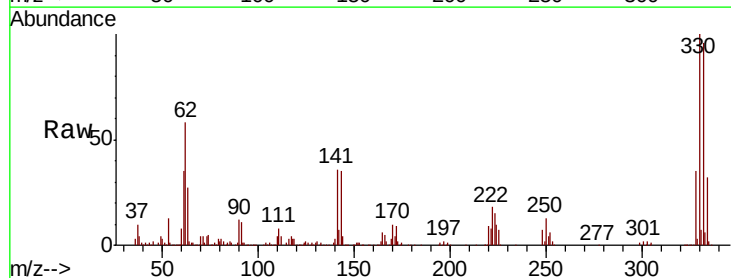
Instrument :
BNA_F
ClientSampleId :

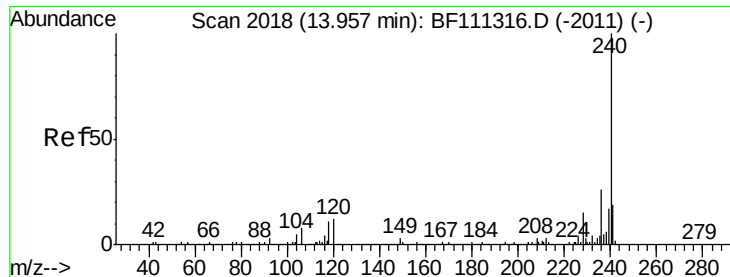
Tot Ion:188 Resp: 882778
Ion Ratio Lower Upper
188 100
94 11.9 9.6 14.4
80 12.4 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 3.854 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF111360.D
Acq: 13 Dec 2018 10:23

Tgt Ion:248 Resp: 37876
Ion Ratio Lower Upper
248 100
250 195.8 77.0 115.4#
141 557.9 63.0 94.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

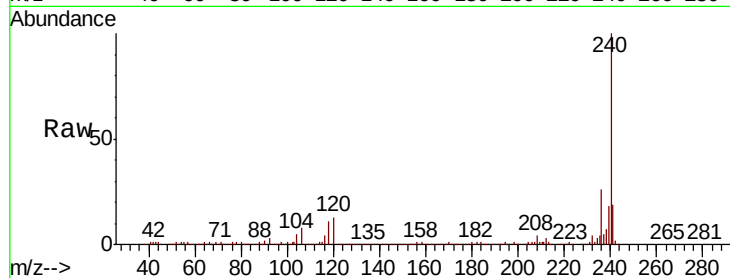
Tot Ion:240 Resp: 652189

Ion Ratio Lower Upper

240 100

120 13.0 12.2 18.2

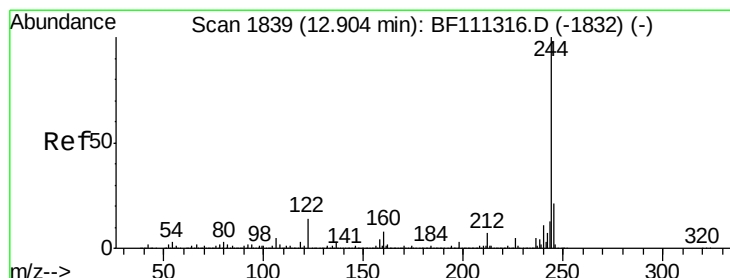
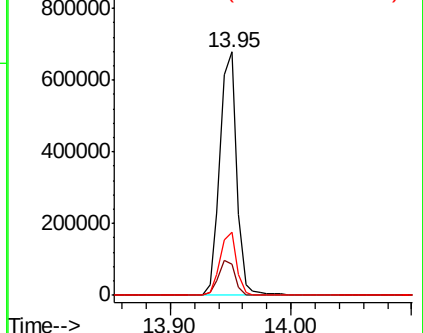
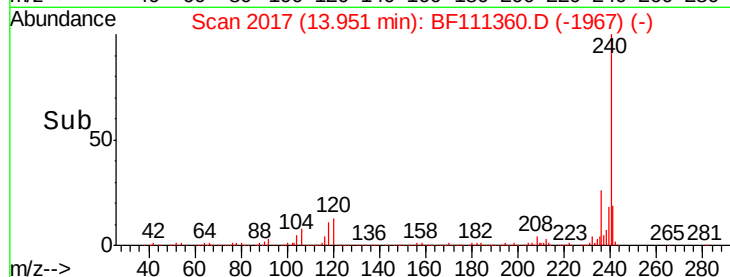
236 25.9 20.2 30.2



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: 94.001 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

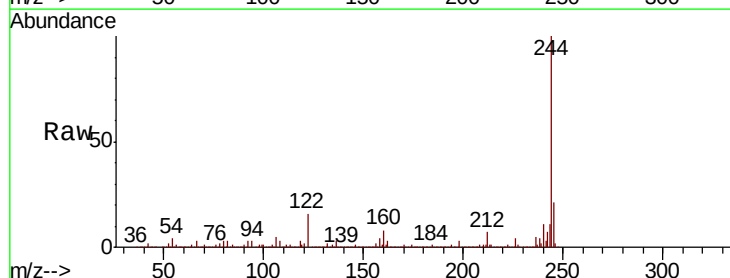
Tgt Ion:244 Resp: 2785480

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

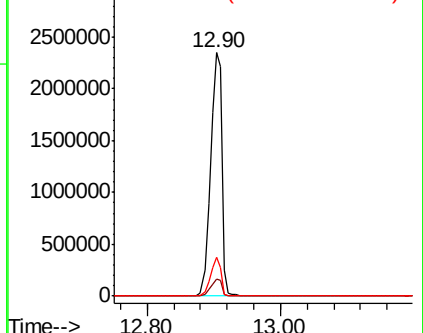
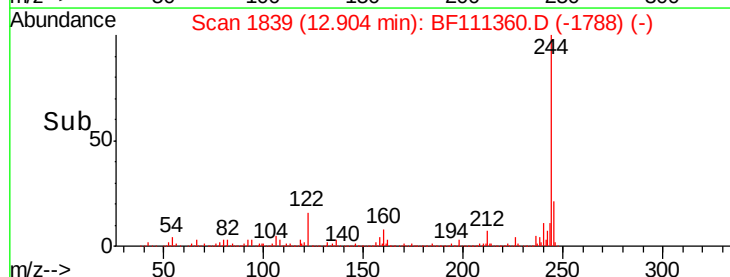
122 16.0 13.1 19.7

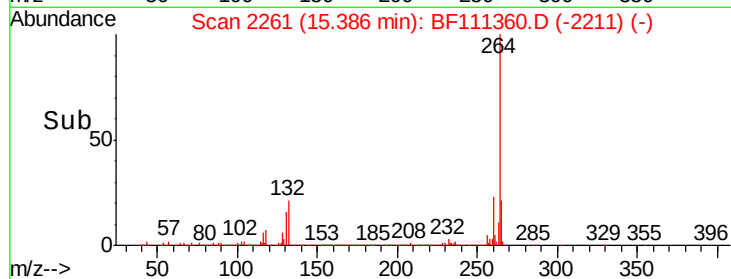
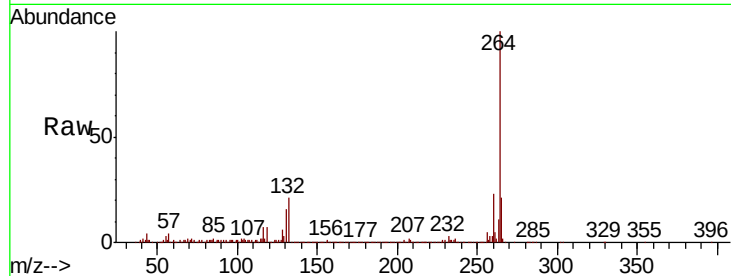
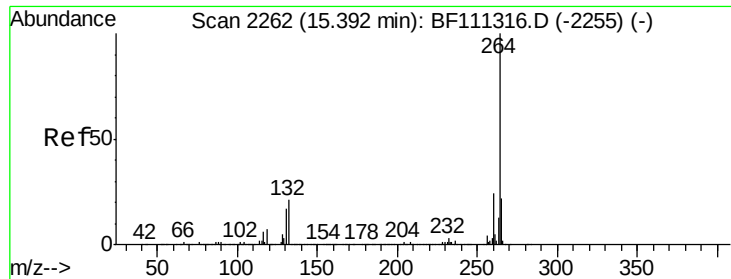


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111360.D
Acq: 13 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.3	17.7	26.5

