

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111370.D
 Acq On : 13 Dec 2018 14:56
 Operator : JU/SJ
 Sample : J6210-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 16:16:51 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

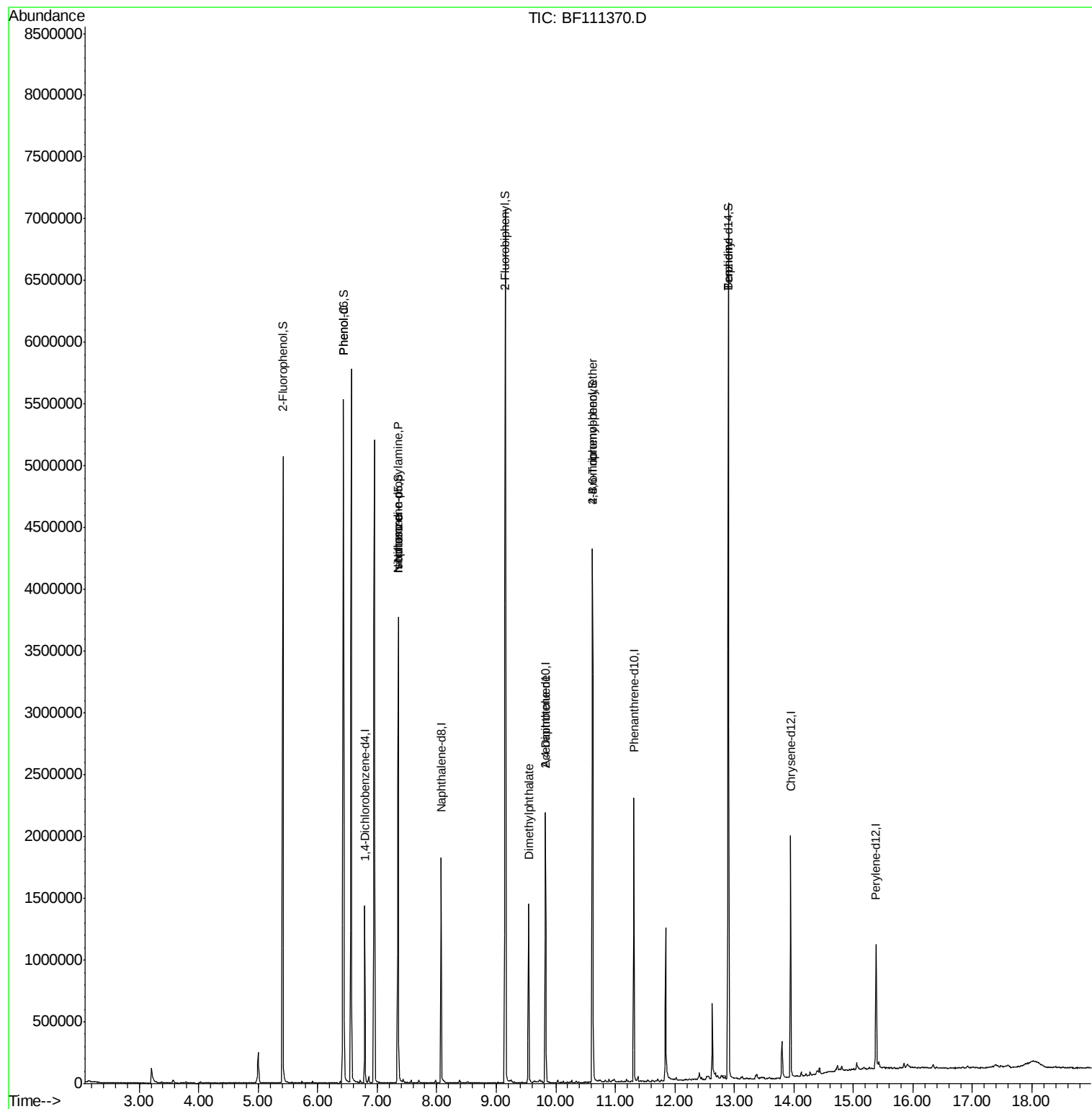
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	193875	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	780314	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	399341	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	797531	20.00	ng	0.00
76) Chrysene-d12	13.94	240	614407	20.00	ng	-0.01
87) Perylene-d12	15.38	264	473494	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1559428	136.02	ng	0.00
7) Phenol-d6	6.43	99	2028477	131.23	ng	0.00
23) Nitrobenzene-d5	7.35	82	1291551	93.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	508043	144.32	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2307558	92.77	ng	0.00
79) Terphenyl-d14	12.90	244	2596083	93.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	3652	Below Cal		Qvalue
10) Phenol	6.44	94	131563	7.513	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	170216	16.571	ng	# 88
25) Isophorone	7.35	82	1272792	54.123	ng	# 78
50) Dimethylphthalate	9.55	163	562491	19.587	ng	# 64
57) 2,4-Dinitrotoluene	9.83	165	50338	6.170	ng	# 98
67) 4-Bromophenyl-phenylether	10.62	248	33046	3.722	ng	# 25
77) Benzidine	12.90	184	31611	2.726	ng	# 1
						93

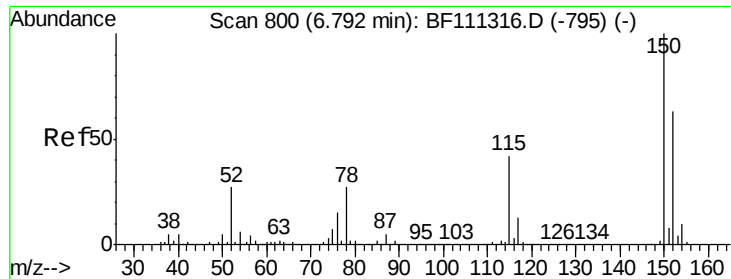
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111370.D
Acq On : 13 Dec 2018 14:56
Operator : JU/SJ
Sample : J6210-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 13 16:16:51 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



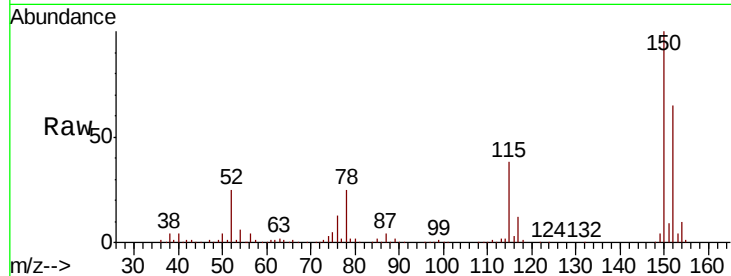


#1

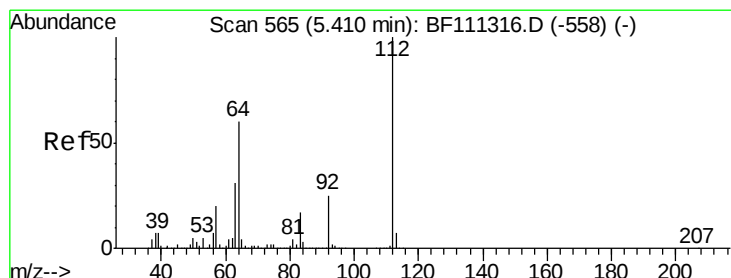
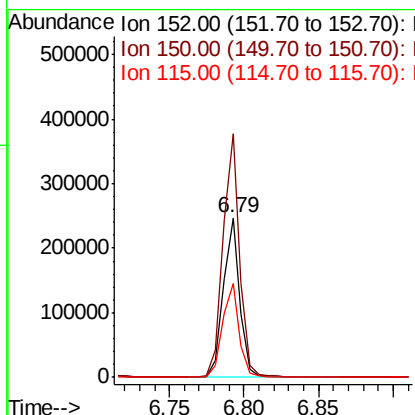
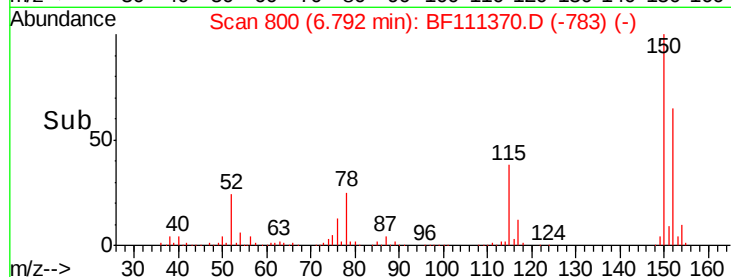
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 193875
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 58.6 50.7 76.1



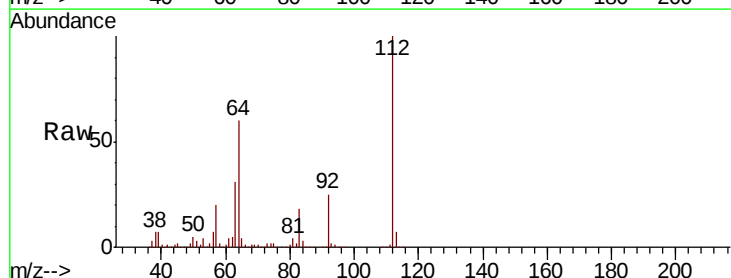
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



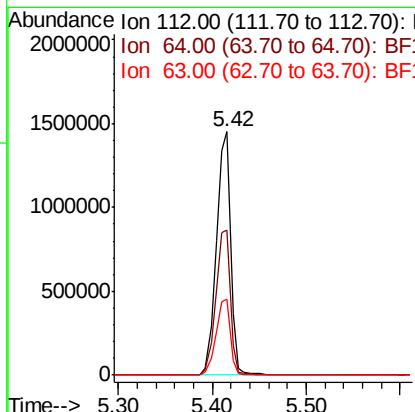
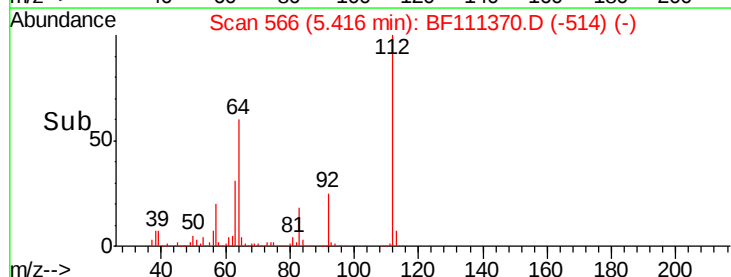
#5

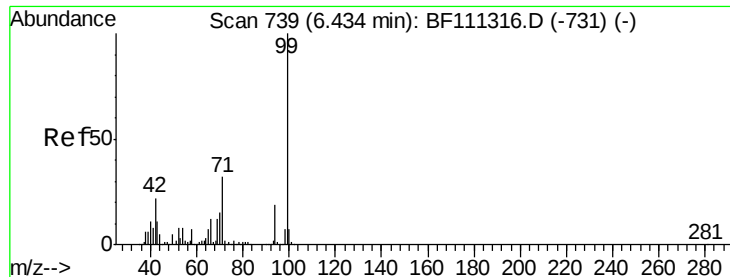
2-Fluorophenol
Concen: 136.018 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

Tgt Ion:112 Resp: 1559428
Ion Ratio Lower Upper
112 100
64 59.6 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: 131.227 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111370.D

Acq: 13 Dec 2018 14:56

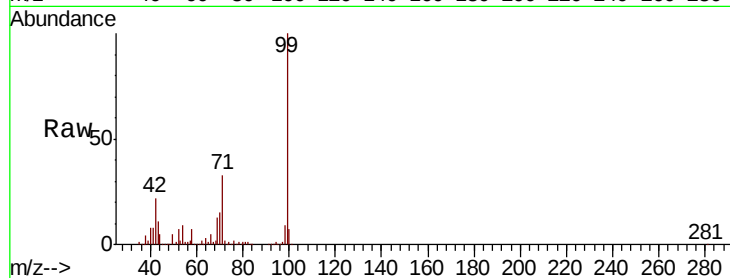
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 2028477

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	32.8	26.1	39.1

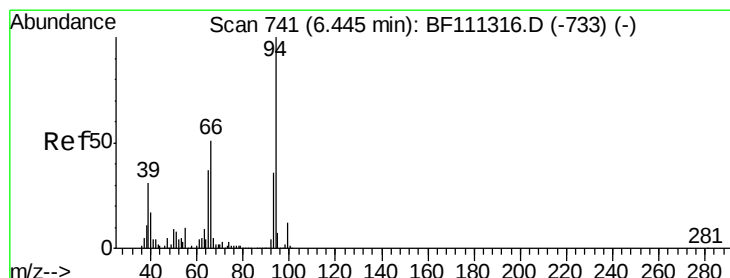
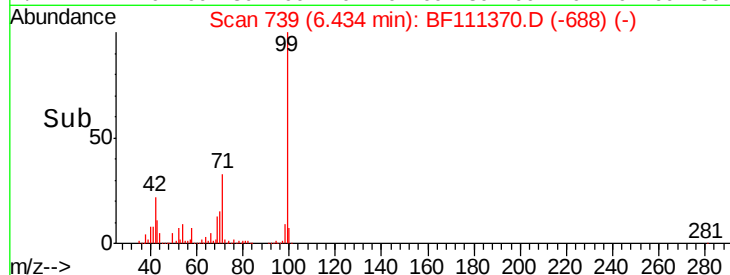
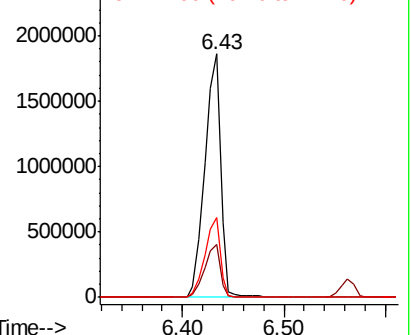


Abundance

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



#10

Phenol

Concen: 7.513 ng

RT: 6.44 min Scan# 740

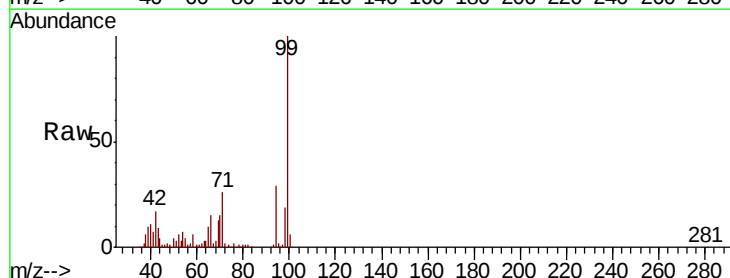
Delta R.T. -0.01 min

Lab File: BF111370.D

Acq: 13 Dec 2018 14:56

Tgt Ion: 94 Resp: 131563

Ion	Ratio	Lower	Upper
94	100		
65	34.8	11.7	51.7
66	51.1	21.0	61.0

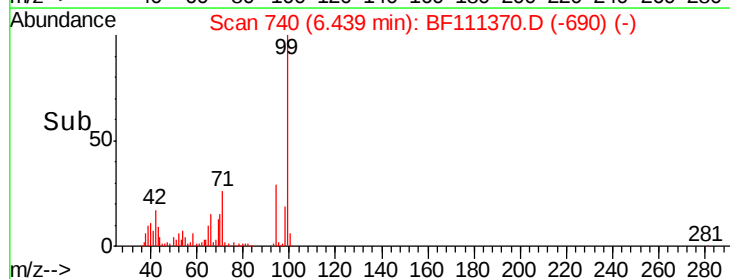
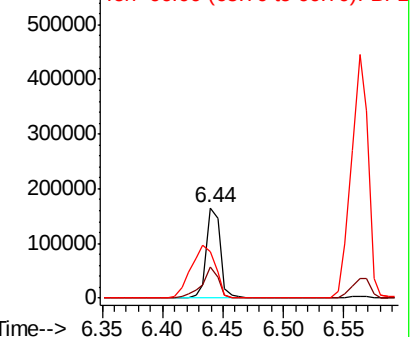


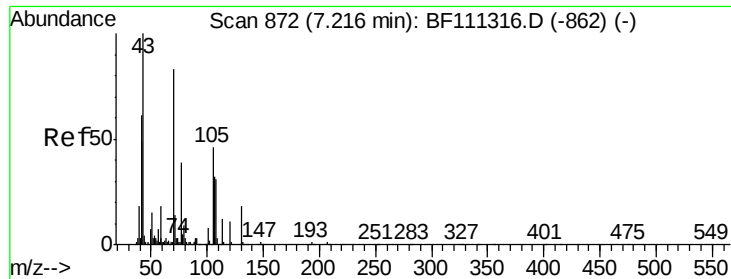
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

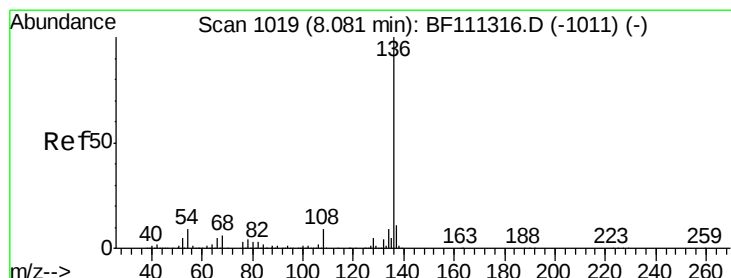
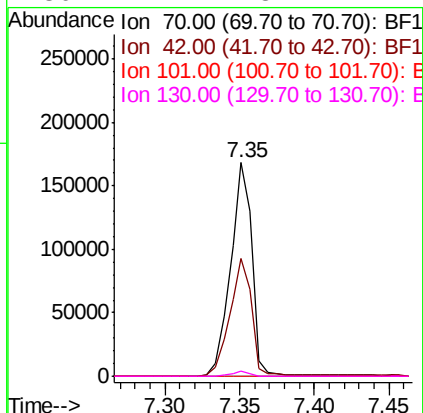
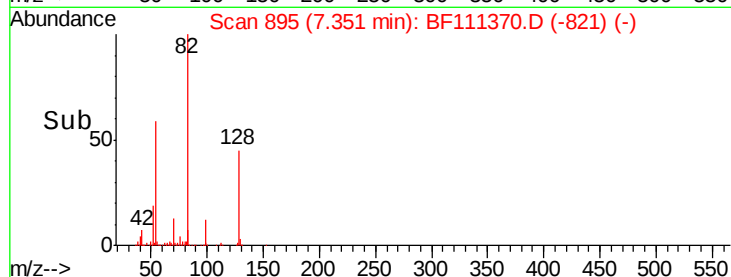
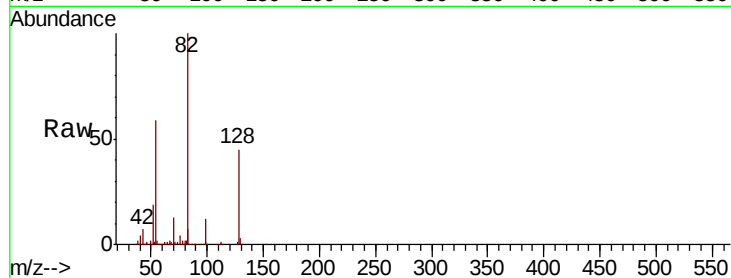




#19
n-Nitroso-di-n-propylamine
Concen: 16.571 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

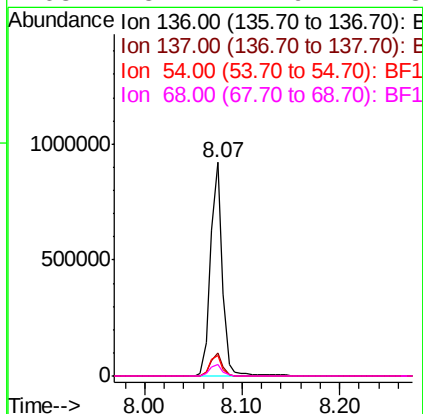
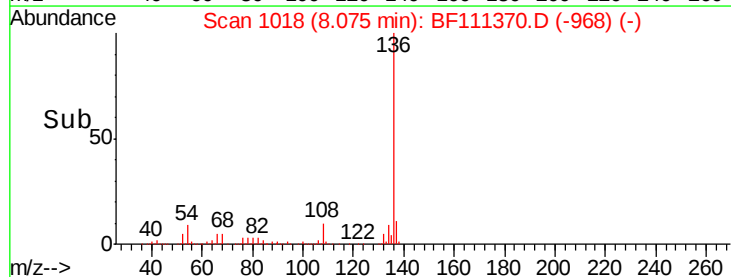
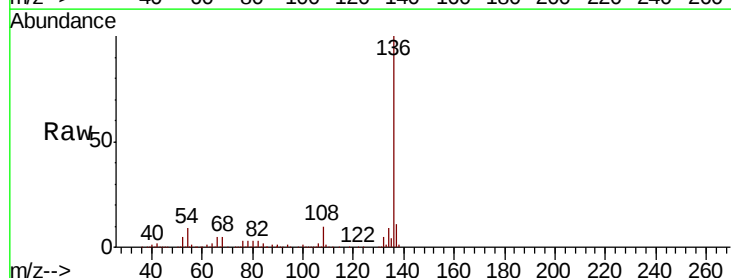
Instrument :
BNA_G
ClientSampleId :

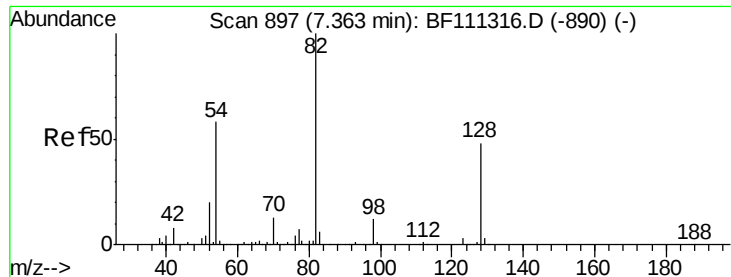
Tot Ion: 70 Resp: 170216
Ion Ratio Lower Upper
70 100
42 55.2 53.2 79.8
101 0.0 8.2 12.4#
130 2.2 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

Tgt Ion: 136 Resp: 780314
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.3 7.7 11.5
68 5.2 4.9 7.3

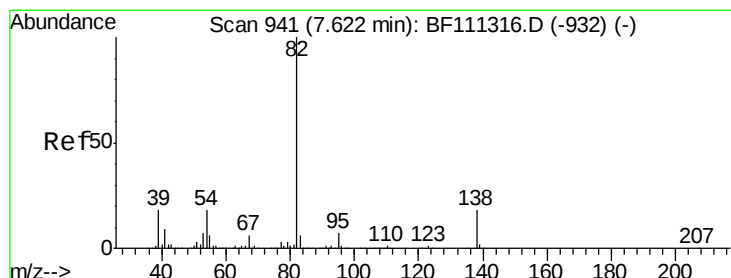
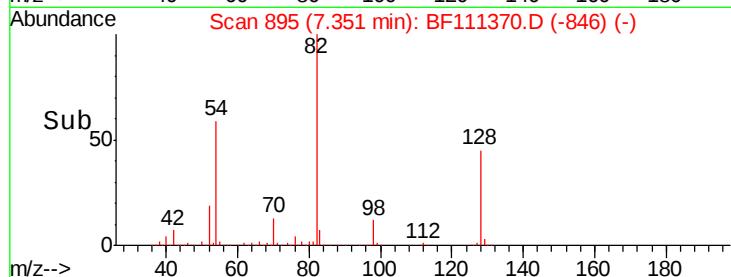
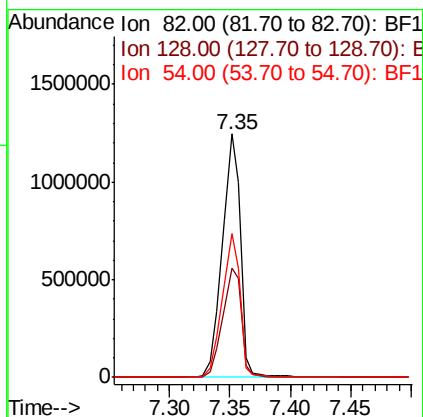
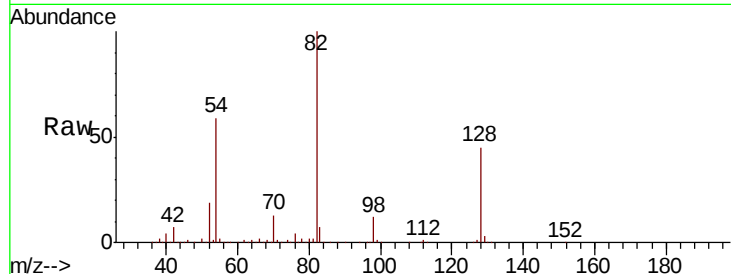




#23
Nitrobenzene-d5
Concen: 93.291 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

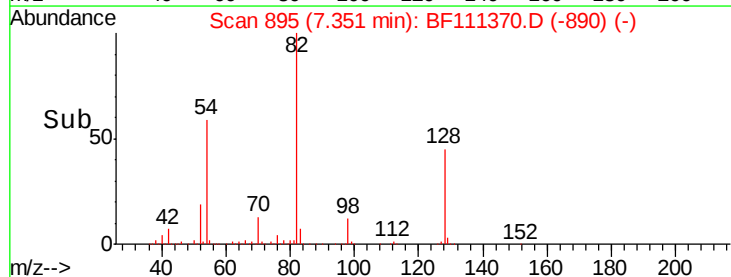
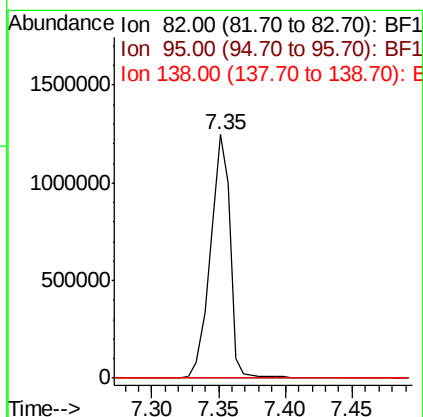
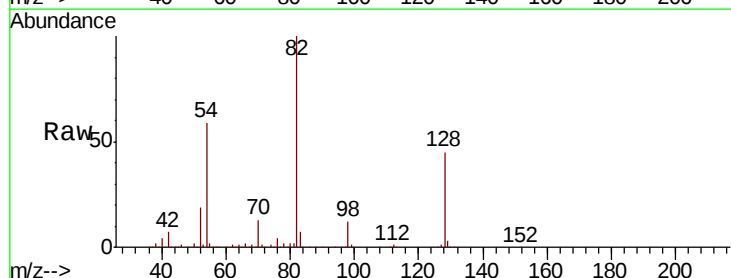
Instrument :
BNA_G
ClientSampleId :

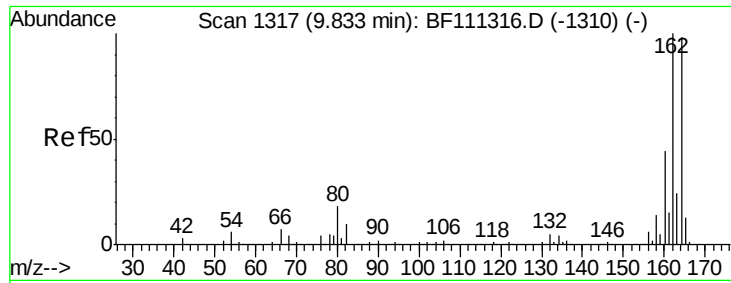
Tot Ion: 82 Resp: 1291551
Ion Ratio Lower Upper
82 100
128 45.1 37.4 56.2
54 59.3 47.6 71.4



#25
Isophorone
Concen: 54.123 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

Tgt Ion: 82 Resp: 1272792
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

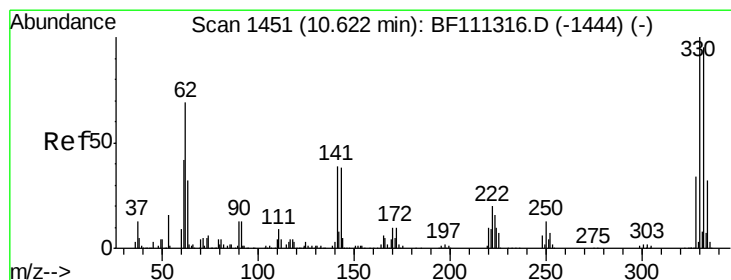
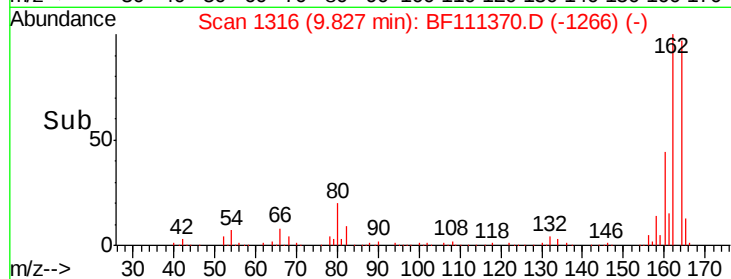
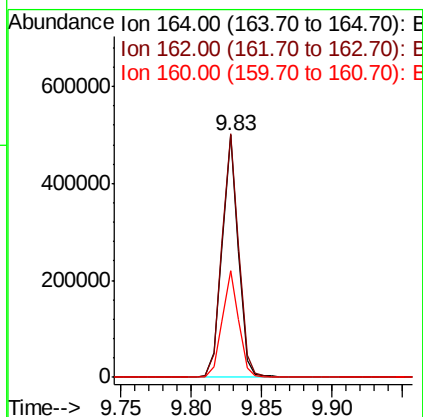
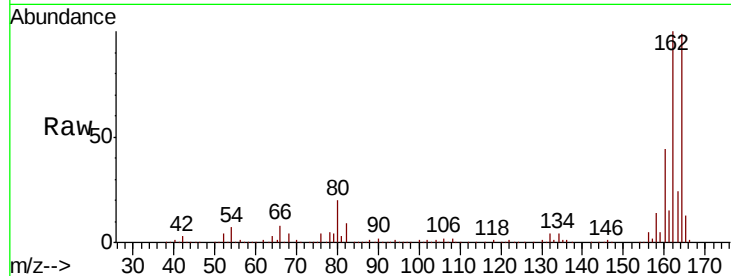




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

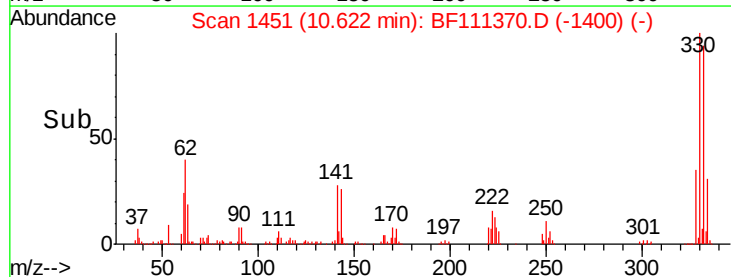
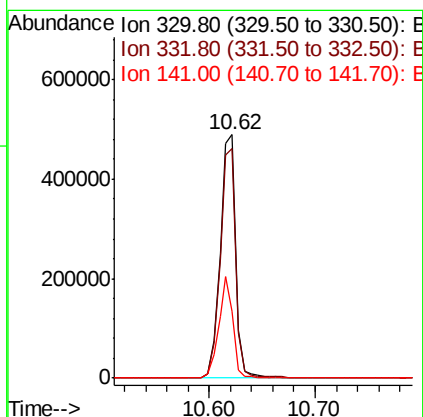
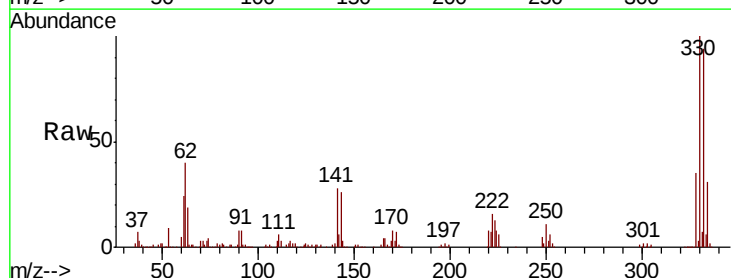
Instrument :
BNA_G
ClientSampleId :

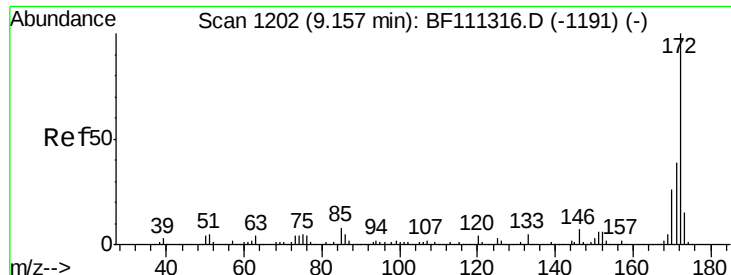
Tot Ion:164 Resp: 399341
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.9 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 144.321 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

Tgt Ion:330 Resp: 508043
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 38.2 31.0 46.6

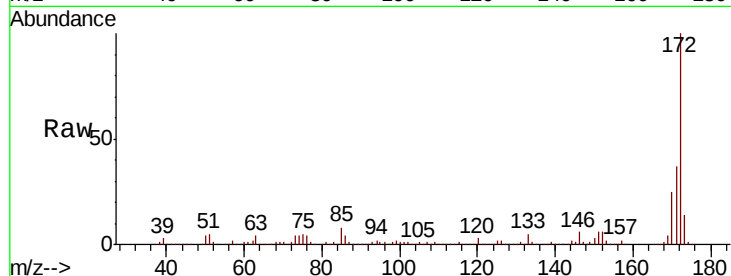




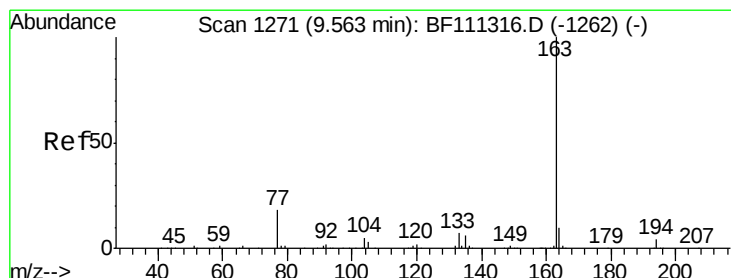
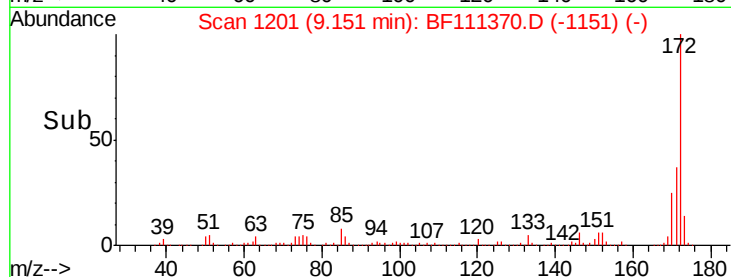
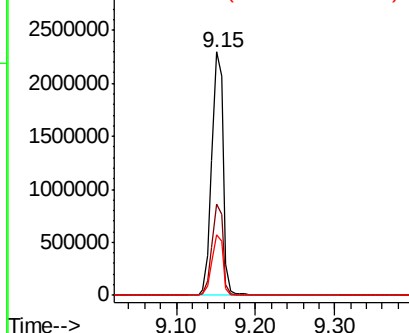
#45
2-Fluorobiphenyl
Concen: 92.772 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 2307558
Ion Ratio Lower Upper
172 100
171 37.4 33.0 49.4
170 24.8 22.3 33.5

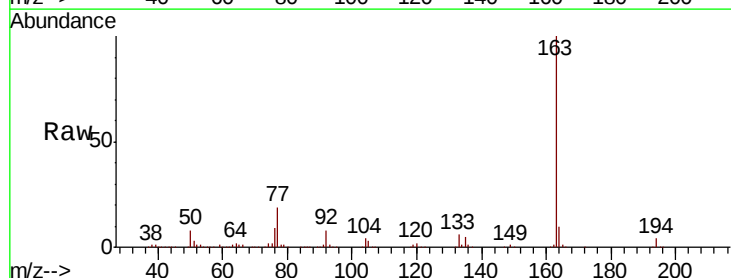


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

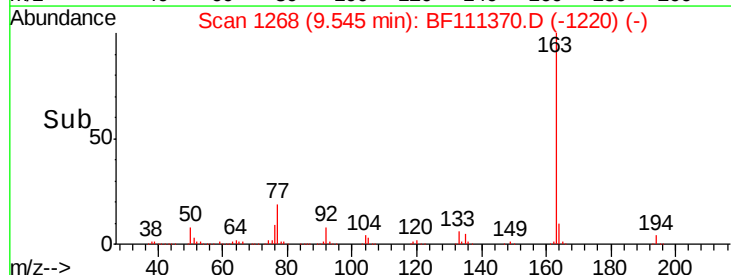
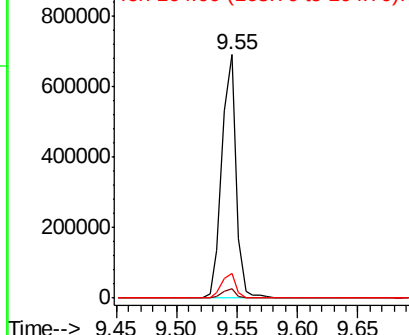


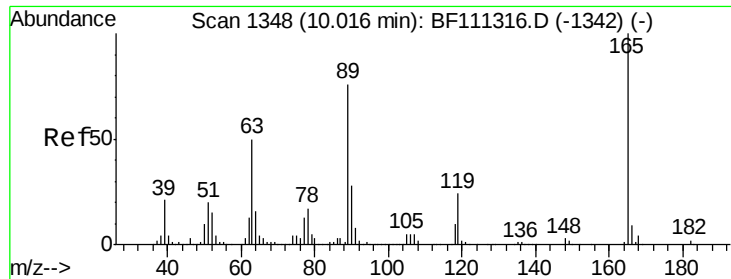
#50
Dimethylphthalate
Concen: 19.587 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

Tgt Ion:163 Resp: 562491
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

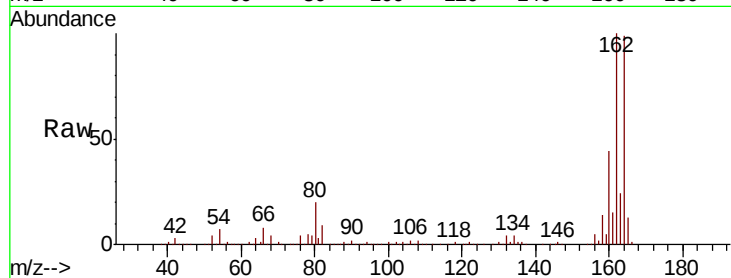




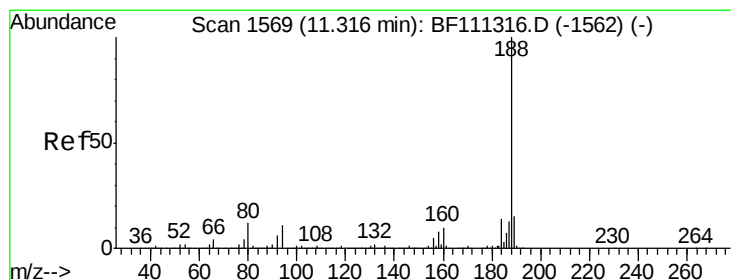
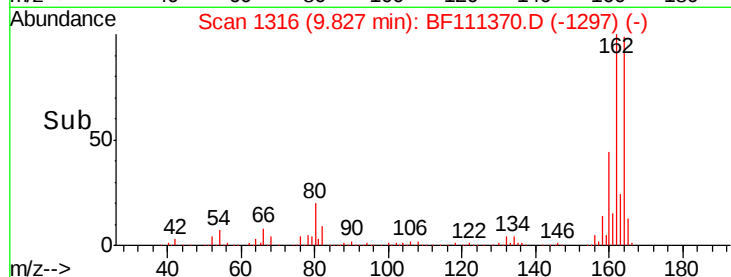
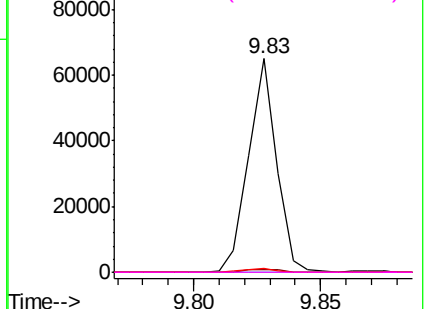
#57
 2,4-Dinitrotoluene
 Concen: 6.170 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111370.D
 Acq: 13 Dec 2018 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	50338
Ion Ratio	Lower	Upper
165	100	
63	1.4	34.6 52.0#
89	1.6	56.2 84.4#
182	0.0	1.8 2.6#

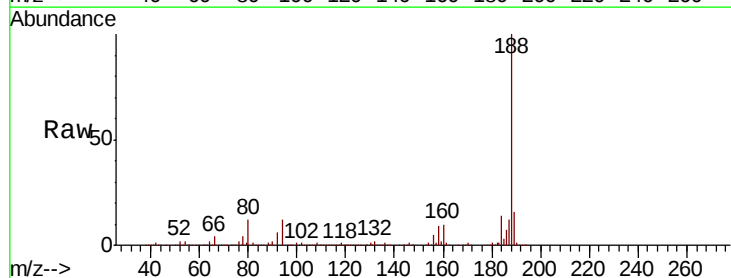


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

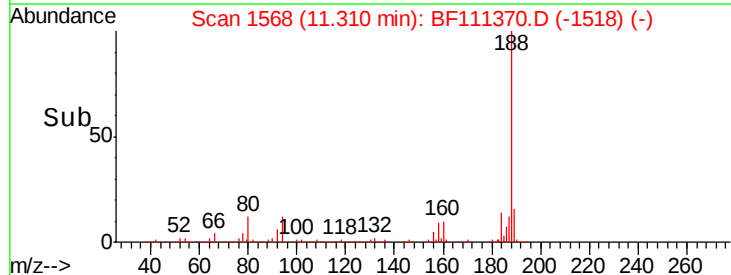
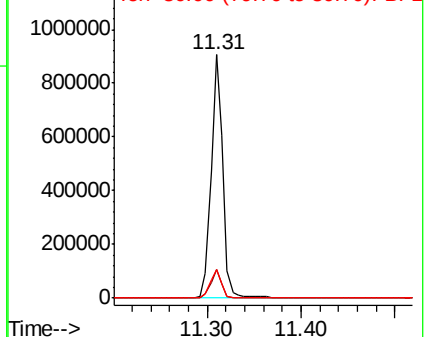


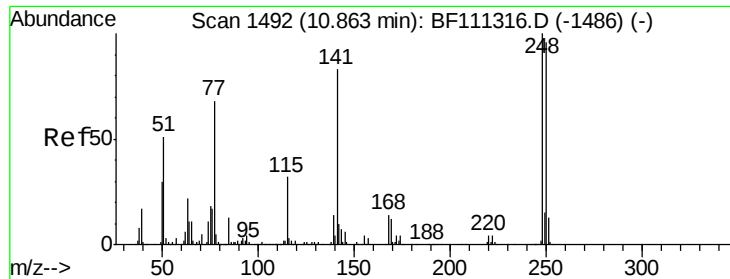
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111370.D
 Acq: 13 Dec 2018 14:56

Tgt Ion:188	Resp:	797531
Ion Ratio	Lower	Upper
188	100	
94	11.5	9.6 14.4
80	11.8	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

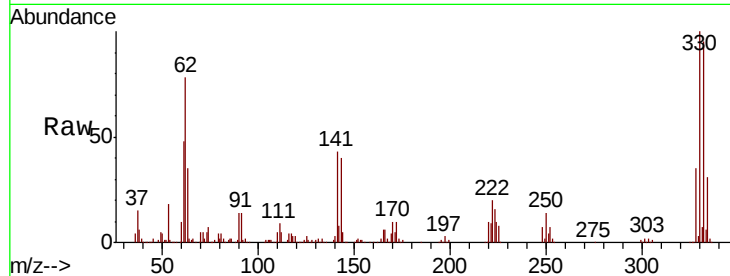




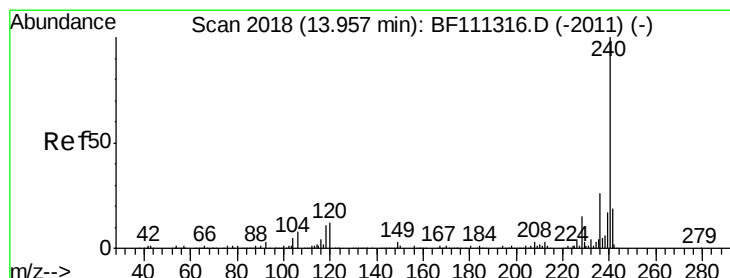
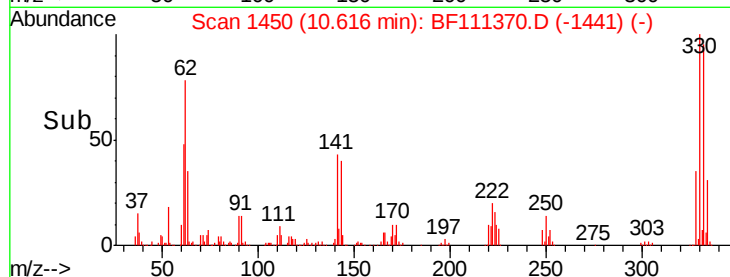
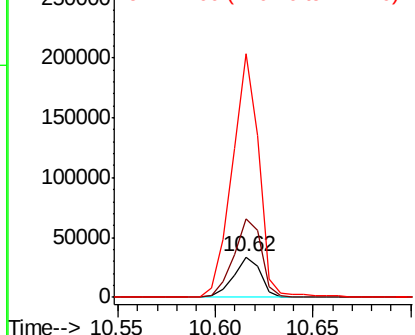
#67
4-Bromophenyl-phenylether
Concen: 3.722 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 33046
Ion Ratio Lower Upper
248 100
250 195.7 77.0 115.4#
141 604.4 63.0 94.6#

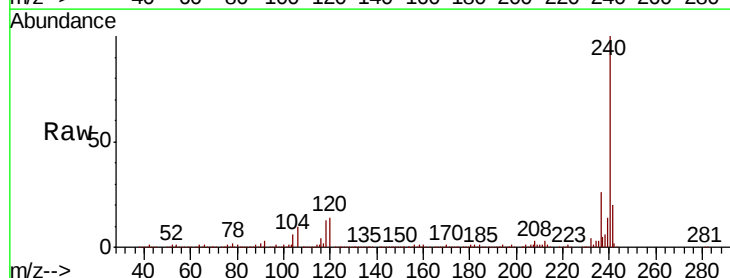


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

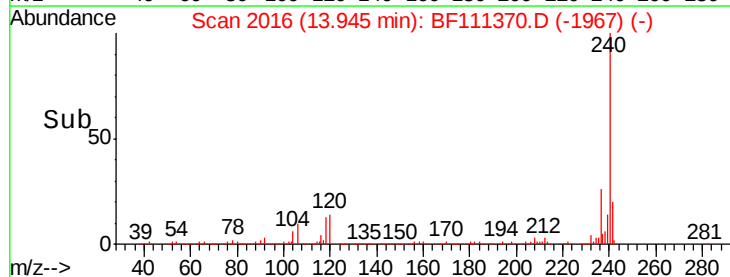
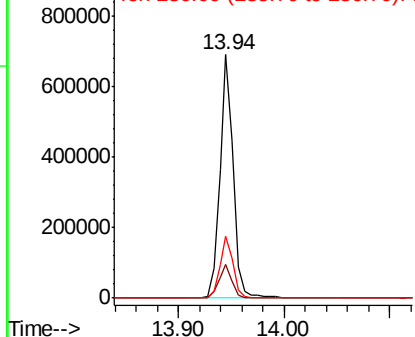


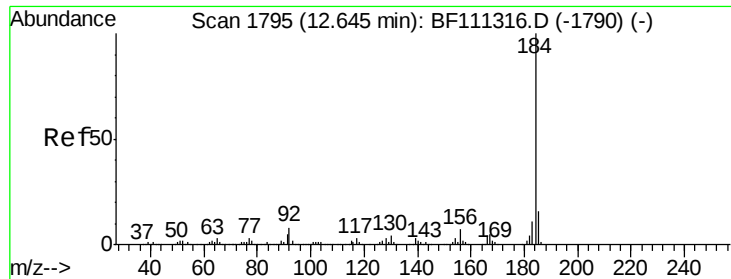
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111370.D
Acq: 13 Dec 2018 14:56

Tgt Ion:240 Resp: 614407
Ion Ratio Lower Upper
240 100
120 13.9 12.2 18.2
236 25.6 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





#77

Benzidine

Concen: 2.726 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.26 min

Lab File: BF111370.D

Acq: 13 Dec 2018 14:56

Instrument :

BNA_G

ClientSampleId :

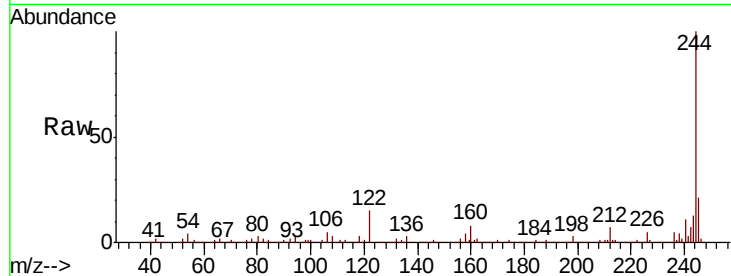
Tot Ion:184 Resp: 31611

Ion Ratio Lower Upper

184 100

185 19.5 13.0 19.6

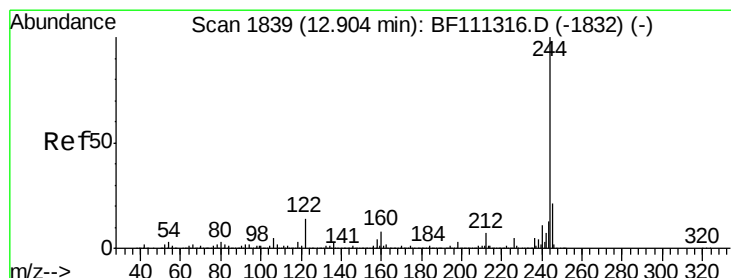
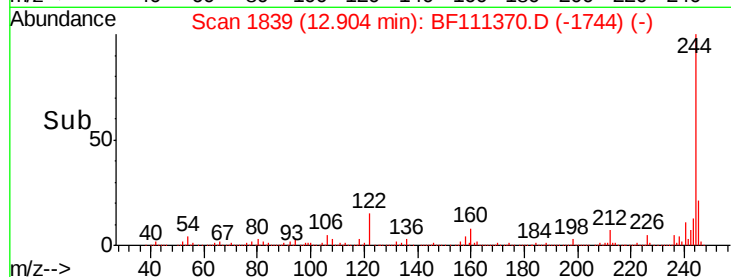
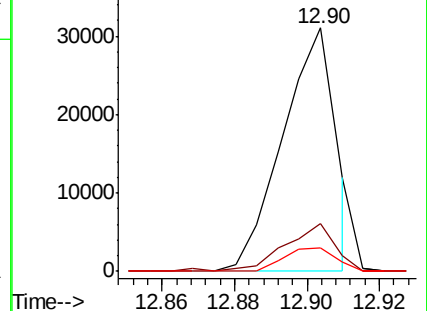
183 9.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 92.997 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111370.D

Acq: 13 Dec 2018 14:56

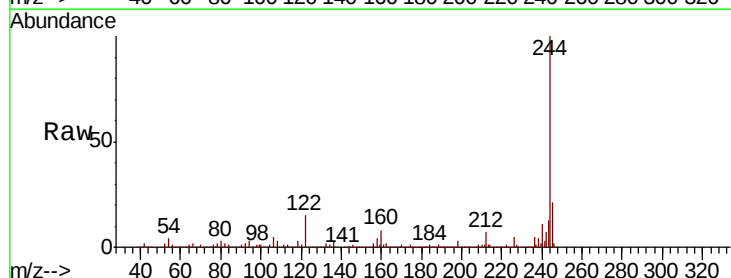
Tgt Ion:244 Resp: 2596083

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

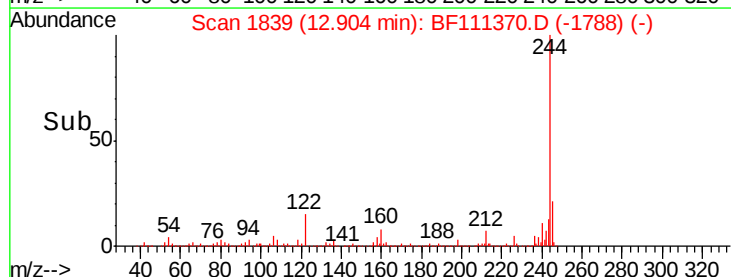
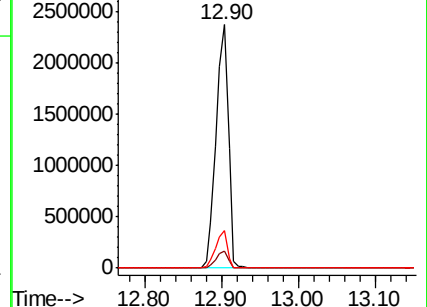
122 15.2 13.1 19.7

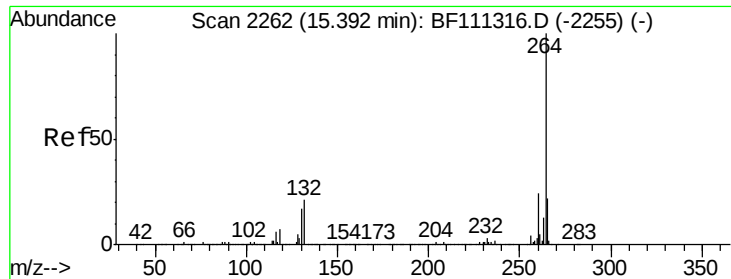


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BF111370.D
 Acq: 13 Dec 2018 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.6	17.7	26.5

