

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112080.D
 Acq On : 17 Jan 2019 11:09
 Operator : JU/SJ
 Sample : K1010-03 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-011519-A

Quant Time: Jan 17 12:20:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

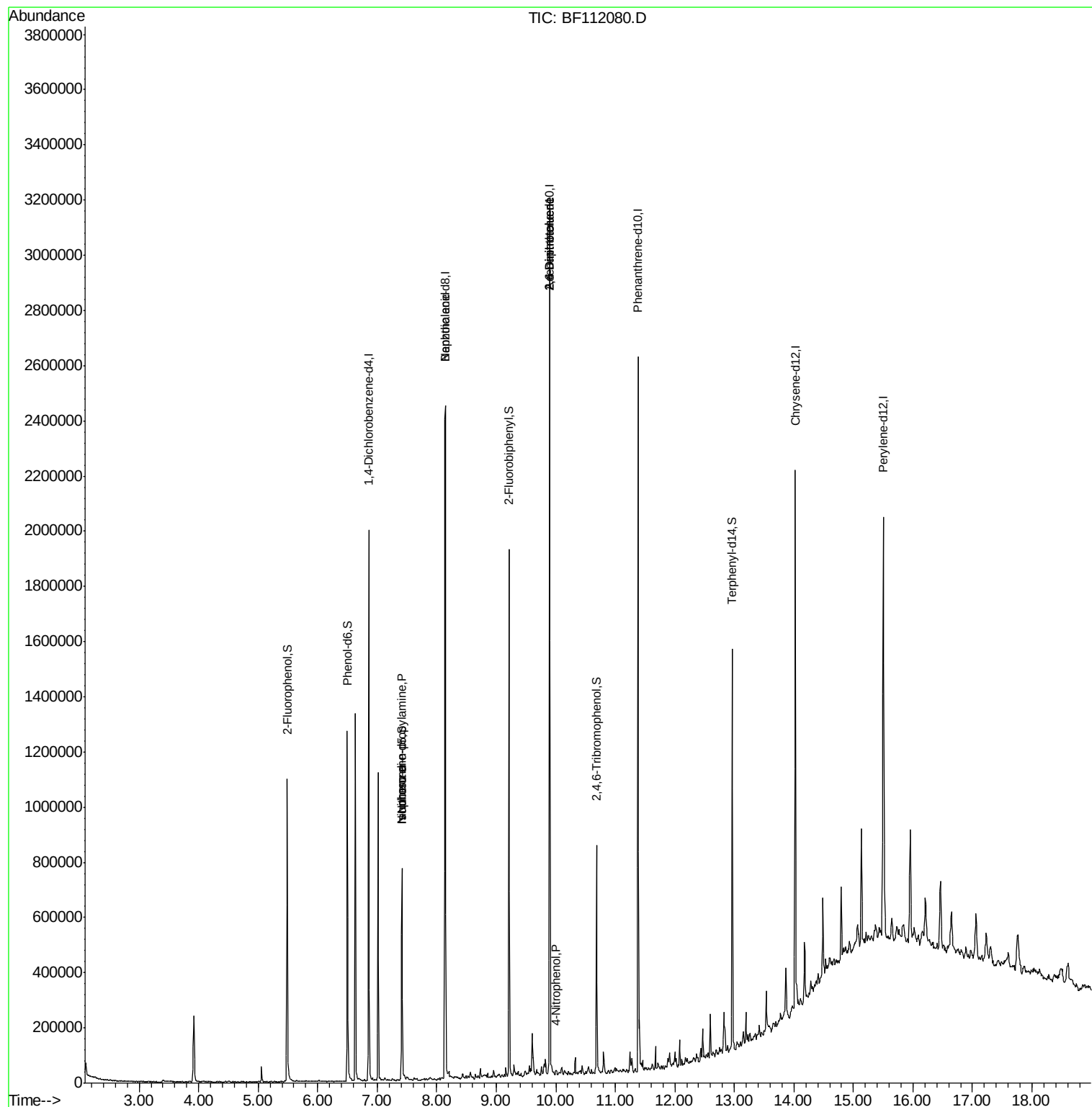
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	297379	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1152974	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	560502	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	968747	20.00	ng	0.00
76) Chrysene-d12	14.02	240	696040	20.00	ng	-0.01
87) Perylene-d12	15.50	264	704822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	308236	18.81	ng	0.00
7) Phenol-d6	6.50	99	404337	19.72	ng	-0.01
23) Nitrobenzene-d5	7.42	82	223357	13.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	105004	17.37	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	538290	14.08	ng	0.00
79) Terphenyl-d14	12.96	244	454609	13.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.42	77	366	Below Cal	Qvalue	# 43
19) n-Nitroso-di-n-propylamine	7.42	70	31480	2.521 ng	#	80
25) Isophorone	7.42	82	220712	6.847 ng	#	64
32) Benzoic acid	8.14	122	156	7.193 ng	#	1
51) 2,6-Dinitrotoluene	9.90	165	76072	9.319 ng	#	34
56) 4-Nitrophenol	10.00	139	109	5.670 ng	#	21
57) 2,4-Dinitrotoluene	9.90	165	76452	11.181 ng	#	32

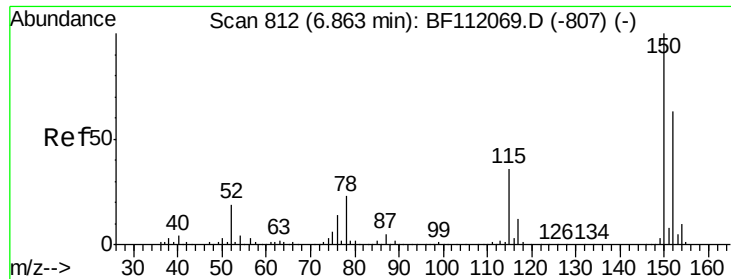
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-011519-A

Quant Time: Jan 17 12:20:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration



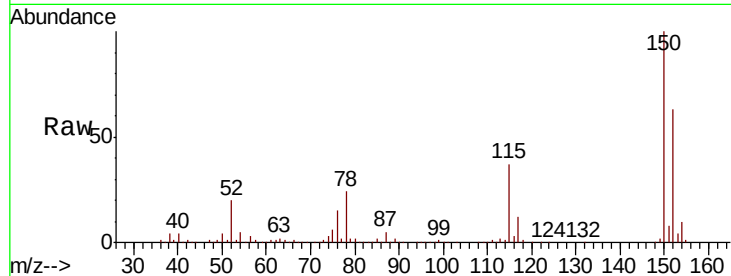


#1

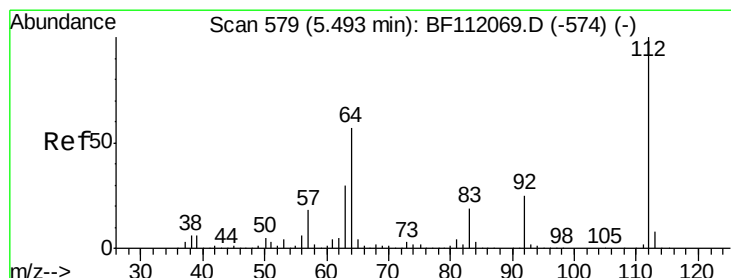
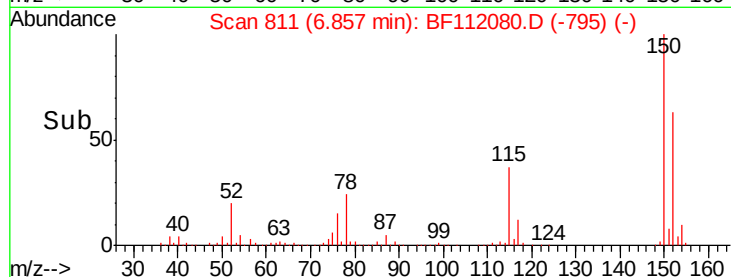
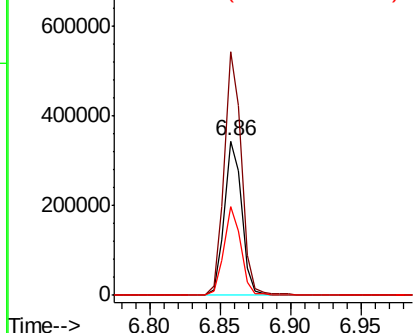
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112080.D
Acq: 17 Jan 2019 11:09

Instrument :
BNA_F
ClientSampleId :
OK-01-011519-A

Tot Ion:152 Resp: 297379
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 57.8 45.5 68.3



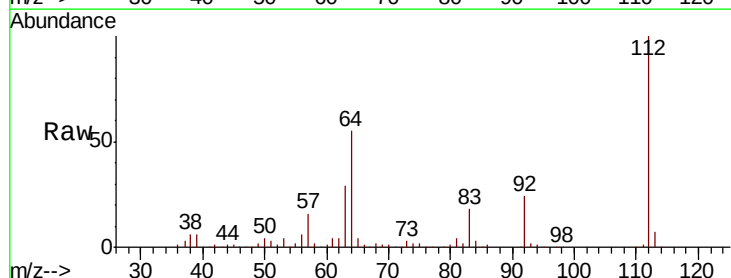
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



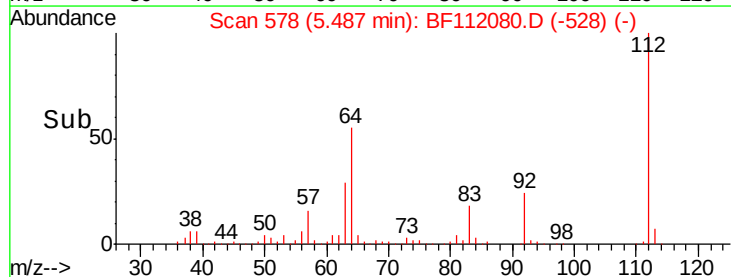
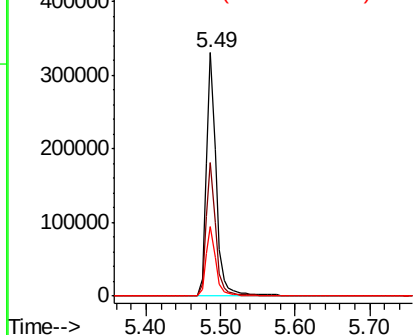
#5

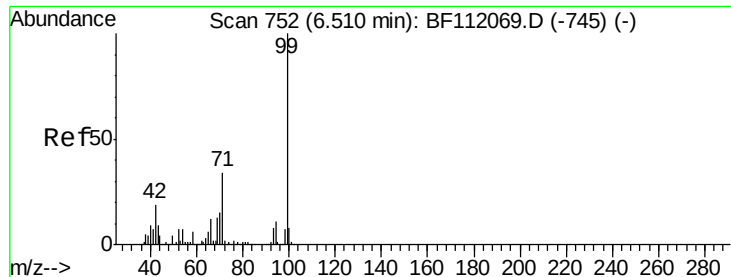
2-Fluorophenol
Concen: 18.813 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112080.D
Acq: 17 Jan 2019 11:09

Tgt Ion:112 Resp: 308236
Ion Ratio Lower Upper
112 100
64 54.7 45.7 68.5
63 28.8 23.6 35.4



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: 19.725 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112080.D

Acq: 17 Jan 2019 11:09

Instrument :

BNA_F

ClientSampleId :

OK-01-011519-A

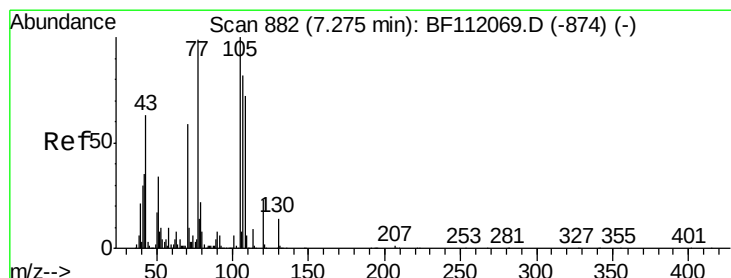
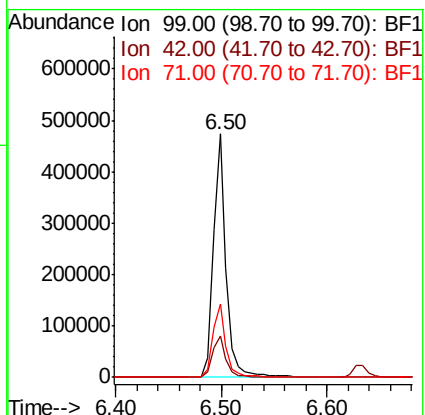
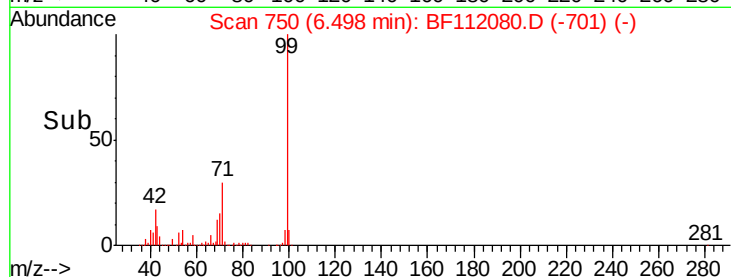
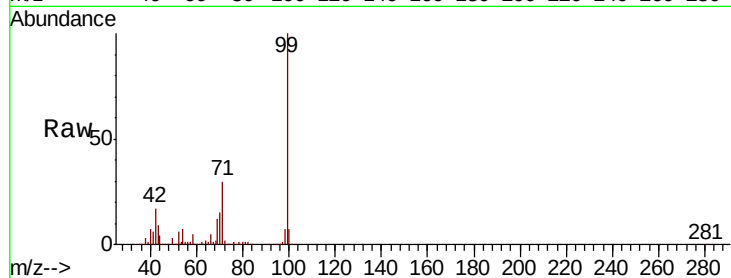
Tot Ion: 99 Resp: 404337

Ion Ratio Lower Upper

99 100

42 17.0 15.1 22.7

71 30.2 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.521 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF112080.D

Acq: 17 Jan 2019 11:09

Tgt Ion: 70 Resp: 31480

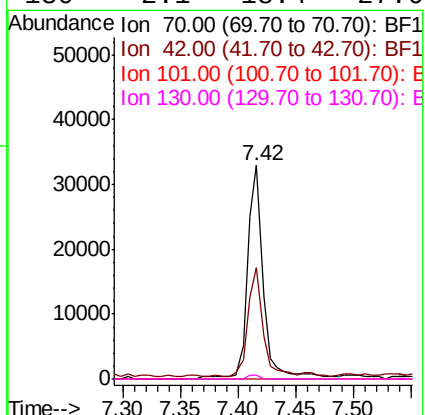
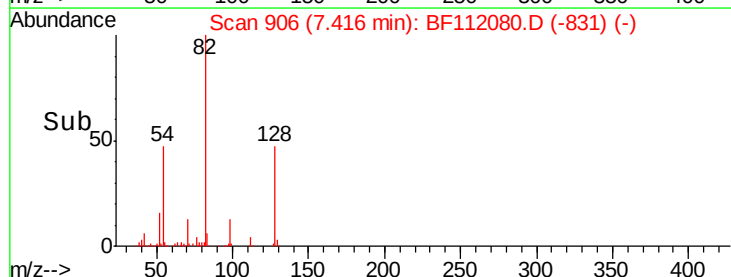
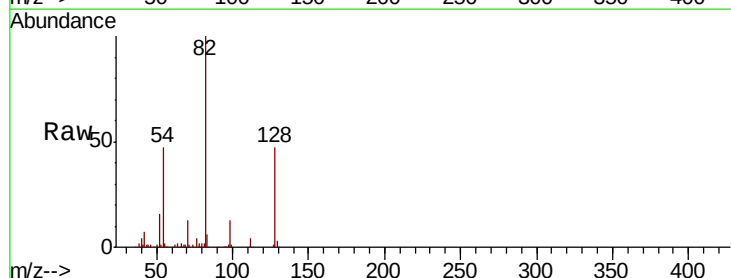
Ion Ratio Lower Upper

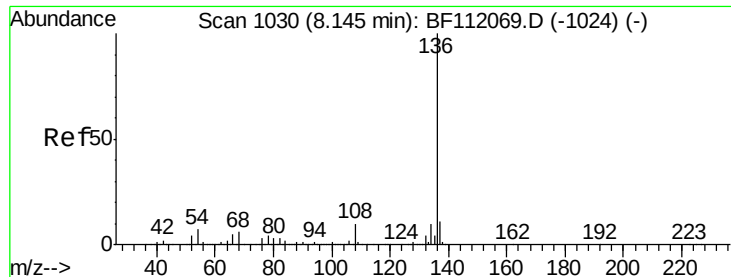
70 100

42 52.3 47.6 71.4

101 0.0 7.9 11.9#

130 2.1 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF112080.D

Acq: 17 Jan 2019 11:09

Instrument :

BNA_F

ClientSampleId :

OK-01-011519-A

Tot Ion:136 Resp: 1152974

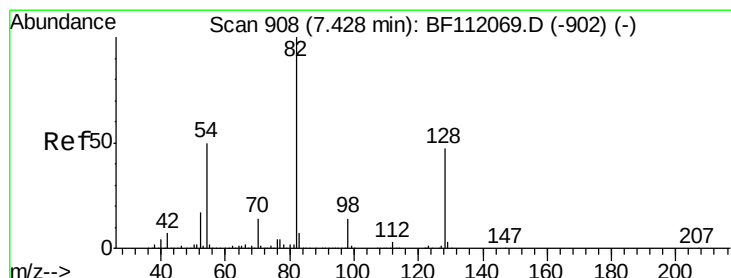
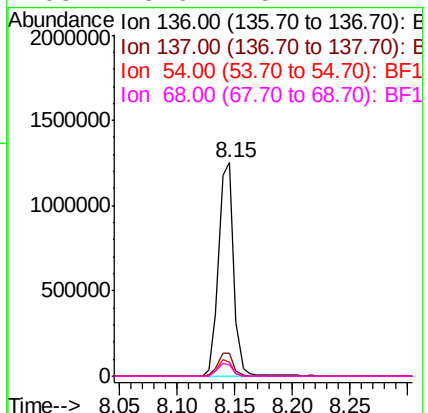
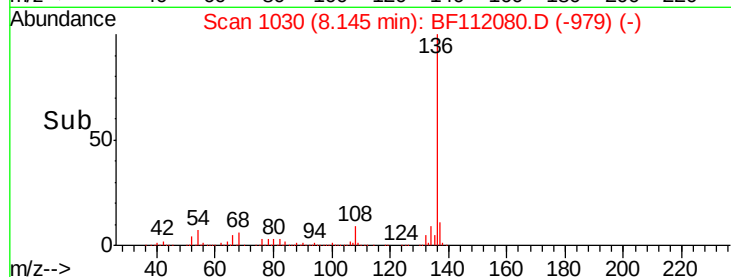
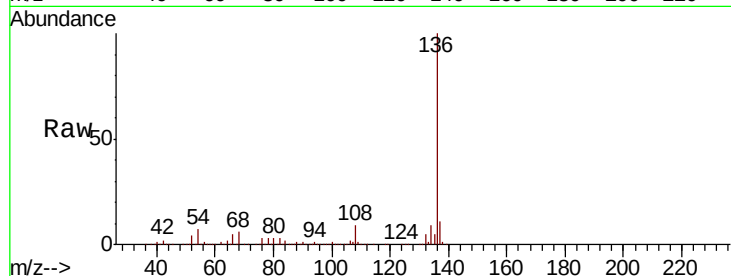
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.6	5.9	8.9
68	5.6	5.1	7.7

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: 13.384 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112080.D

Acq: 17 Jan 2019 11:09

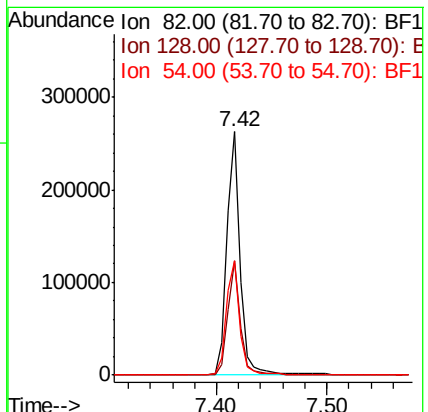
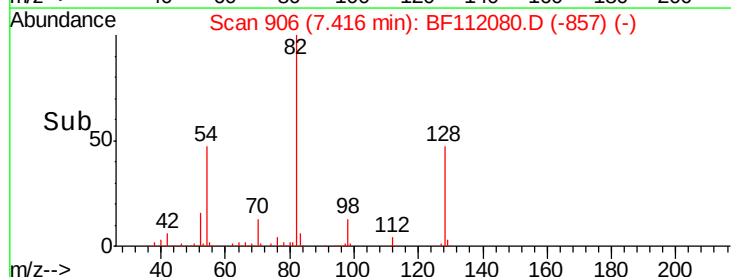
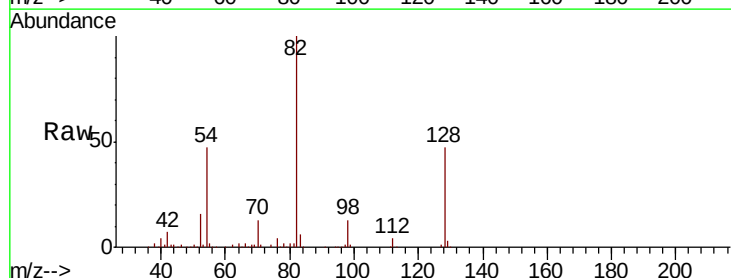
Tgt Ion: 82 Resp: 223357

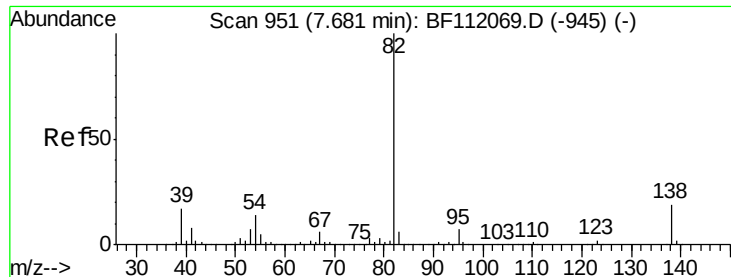
Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.8	56.8
54	46.9	39.7	59.5

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: 6.847 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF112080.D

Acq: 17 Jan 2019 11:09

Instrument :

BNA_F

ClientSampleId :

OK-01-011519-A

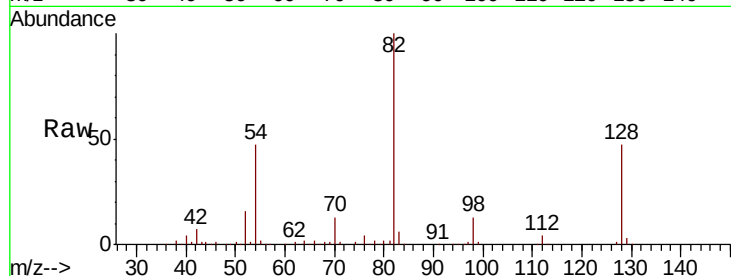
Tot Ion: 82 Resp: 220712

Ion Ratio Lower Upper

82 100

95 0.2 5.7 8.5#

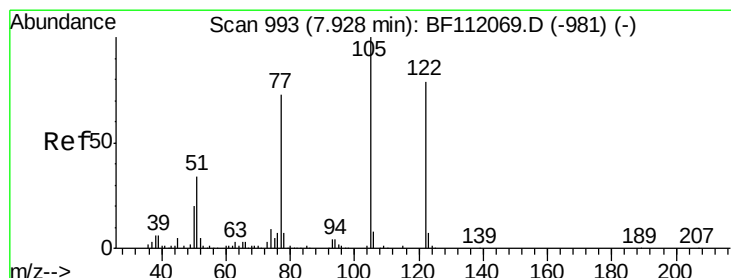
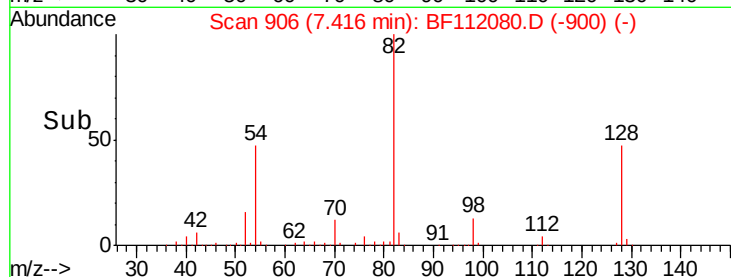
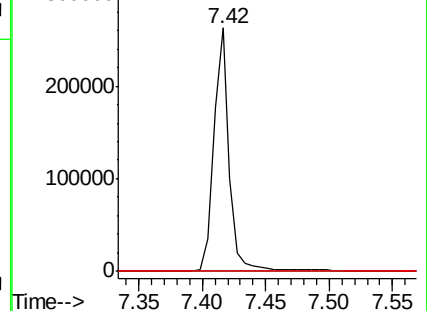
138 0.0 15.4 23.0#



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



#32

Benzoic acid

Concen: 7.193 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.21 min

Lab File: BF112080.D

Acq: 17 Jan 2019 11:09

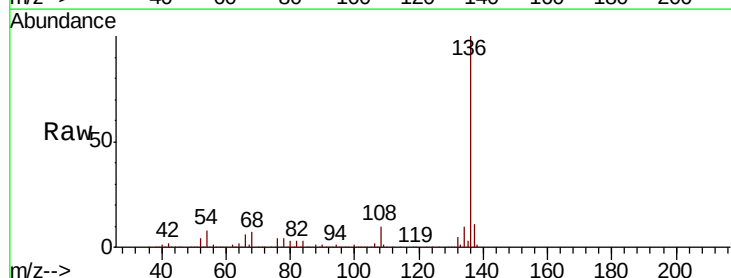
Tgt Ion: 122 Resp: 156

Ion Ratio Lower Upper

122 100

105 239.5 101.2 141.2#

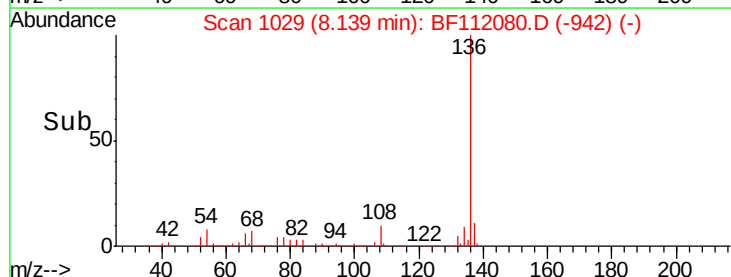
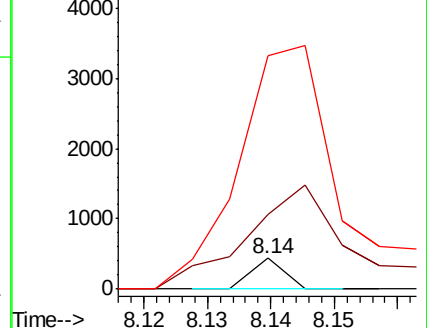
77 754.4 70.4 110.4#

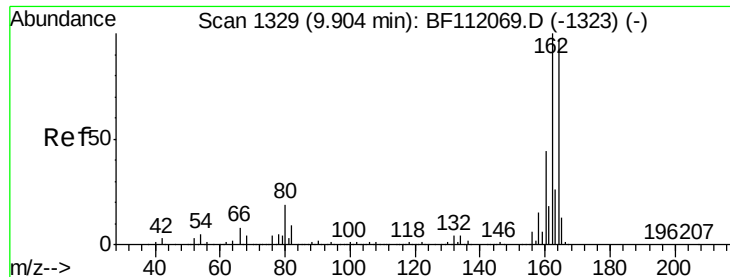


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

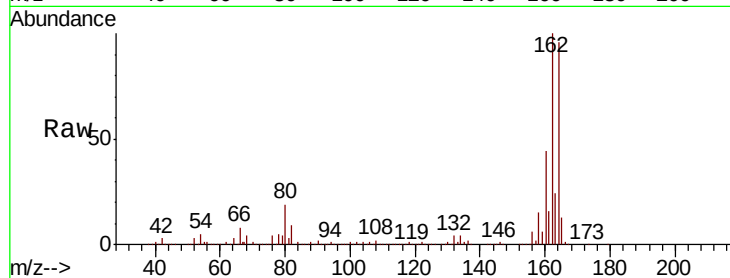




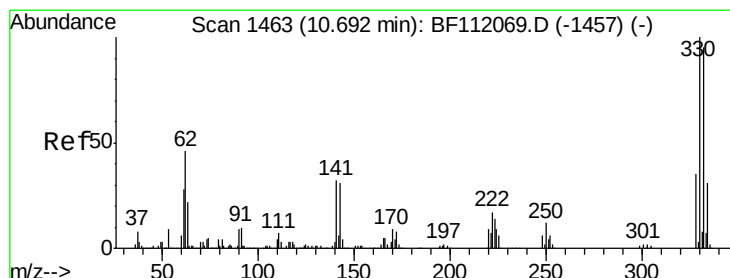
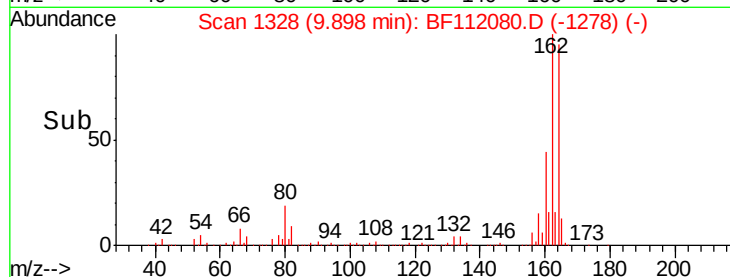
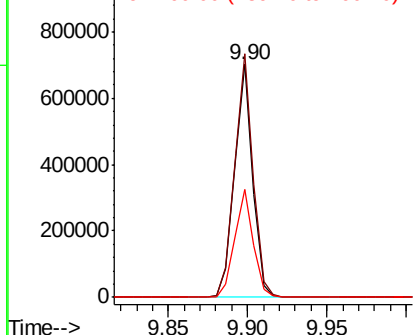
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112080.D
Acq: 17 Jan 2019 11:09

Instrument :
BNA_F
ClientSampleId :
OK-01-011519-A

Tot Ion:164 Resp: 560502
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.4
160 46.3 36.2 54.4

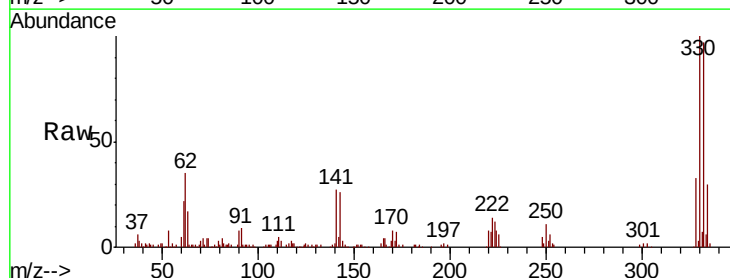


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

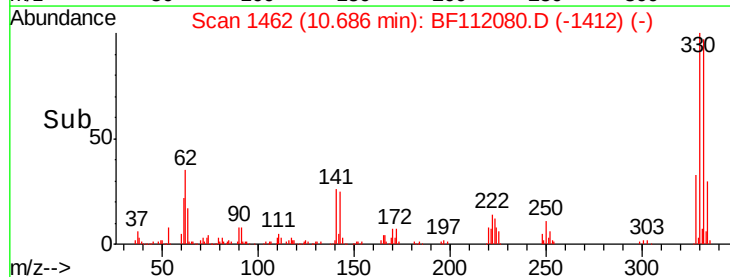
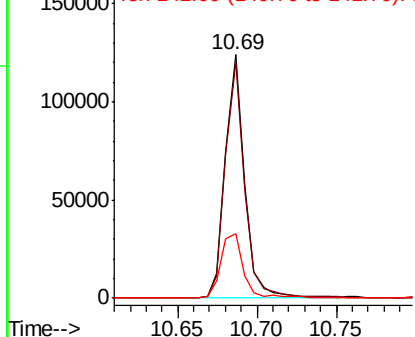


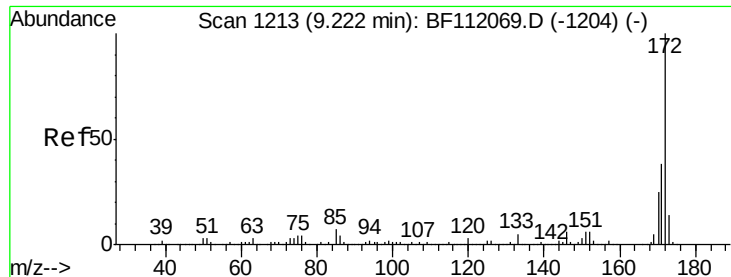
#42
2,4,6-Tribromophenol
Concen: 17.366 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112080.D
Acq: 17 Jan 2019 11:09

Tgt Ion:330 Resp: 105004
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 31.5 24.3 36.5



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

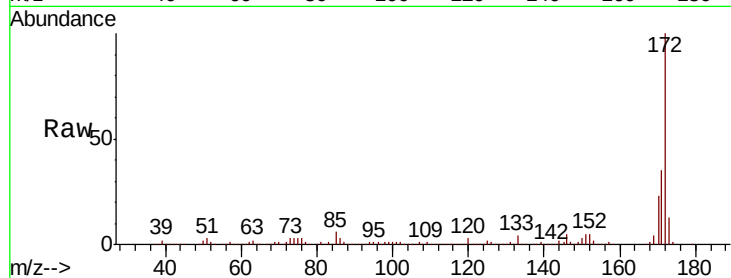




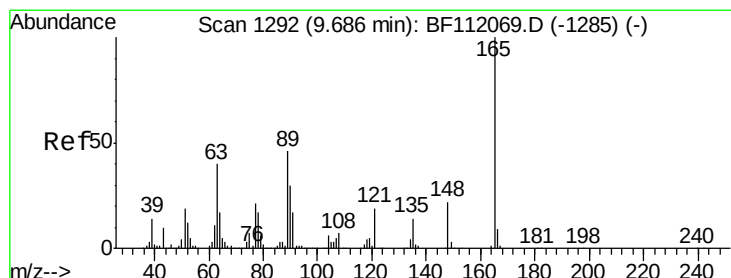
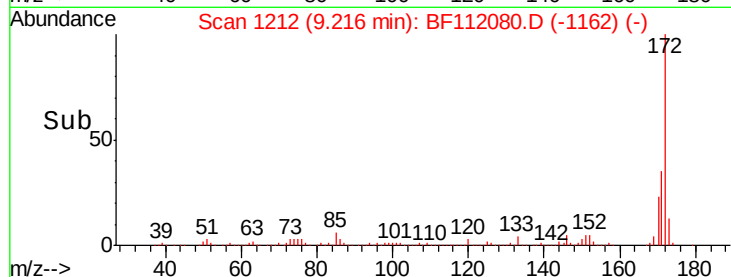
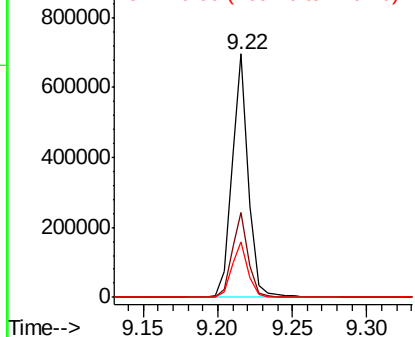
#45
2-Fluorobiphenyl
Concen: 14.080 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112080.D
Acq: 17 Jan 2019 11:09

Instrument :
BNA_F
ClientSampleId :
OK-01-011519-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.5	45.7
170	22.8	20.2	30.4

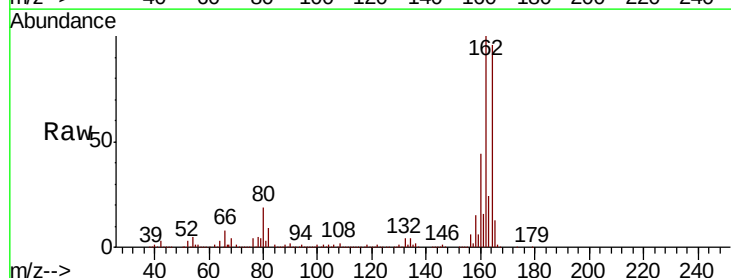


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

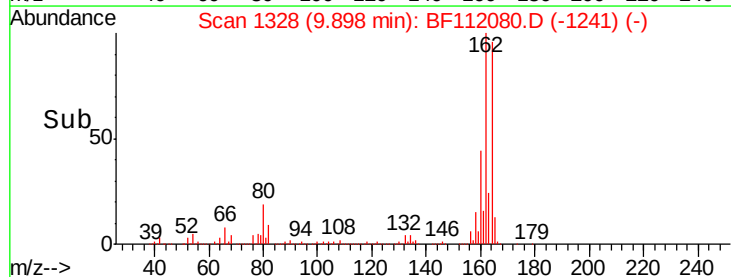
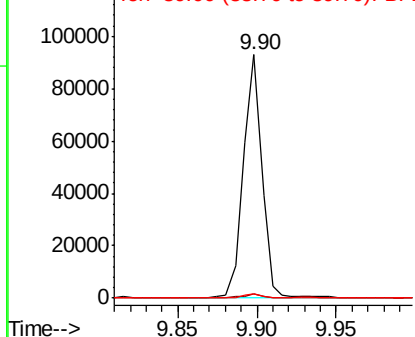


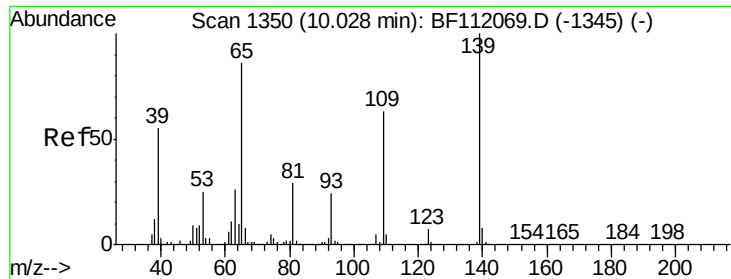
#51
2,6-Dinitrotoluene
Concen: 9.319 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF112080.D
Acq: 17 Jan 2019 11:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.8#
89	1.6	36.9	55.3#



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

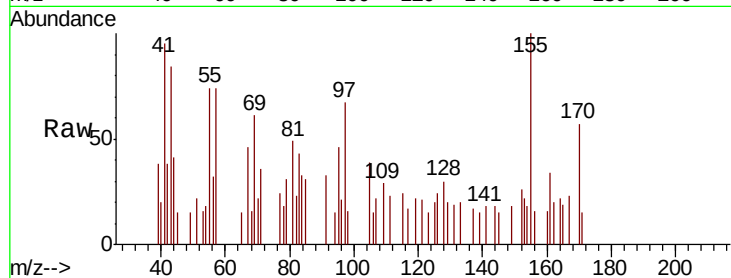




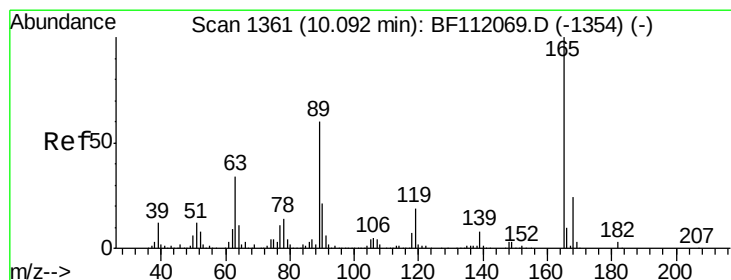
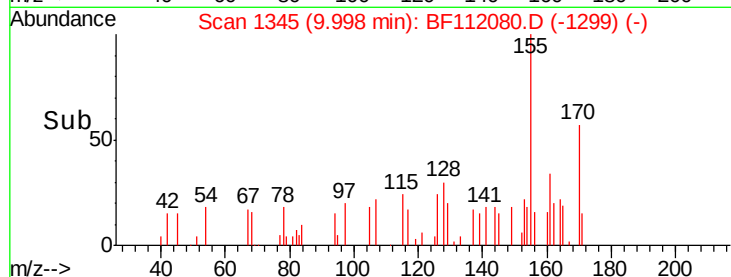
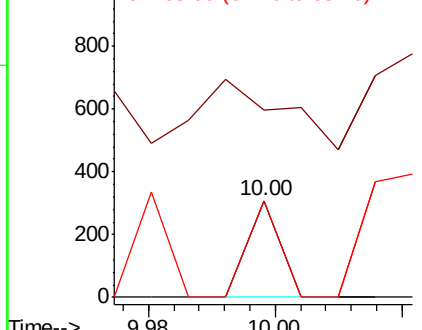
#56
4-Nitrophenol
Concen: 5.670 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BF112080.D
Acq: 17 Jan 2019 11:09

Instrument :
BNA_F
ClientSampleId :
OK-01-011519-A

Tot Ion:139 Resp: 109
Ion Ratio Lower Upper
139 100
109 192.6 42.8 82.8#
65 99.4 66.1 106.1

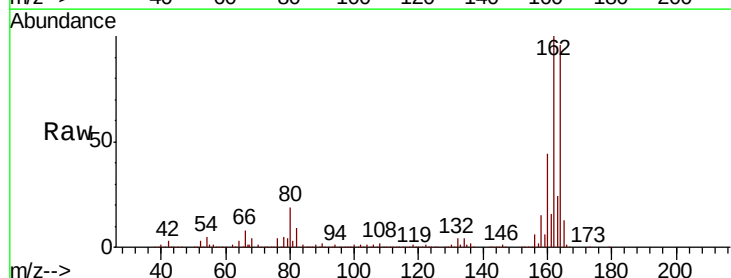


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

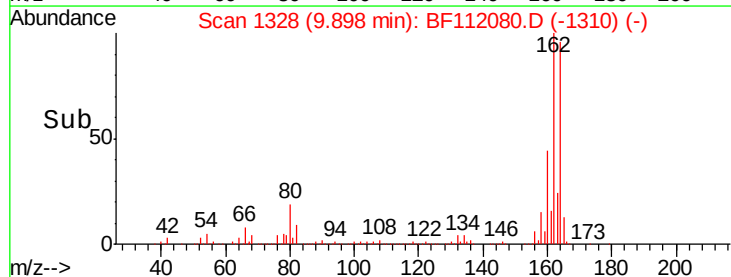
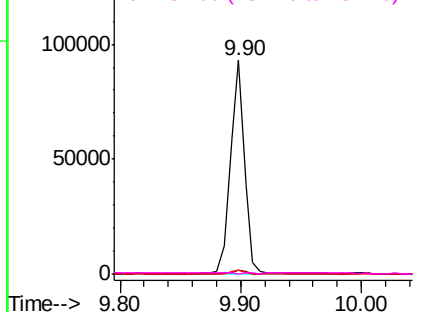


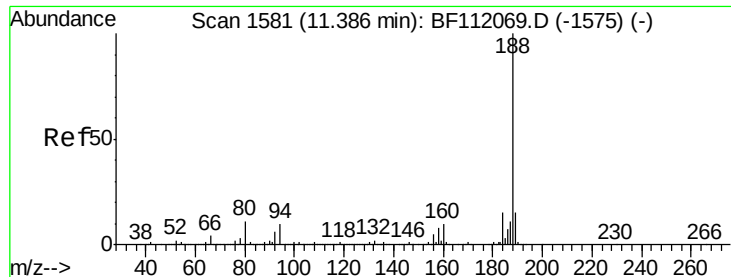
#57
2,4-Dinitrotoluene
Concen: 11.181 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF112080.D
Acq: 17 Jan 2019 11:09

Tgt Ion:165 Resp: 76452
Ion Ratio Lower Upper
165 100
63 1.5 27.9 41.9#
89 1.6 47.9 71.9#
182 0.0 2.2 3.4#



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

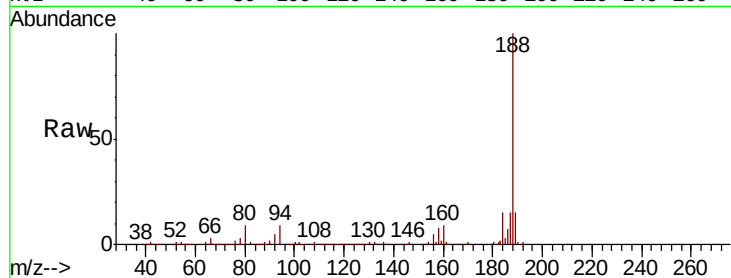




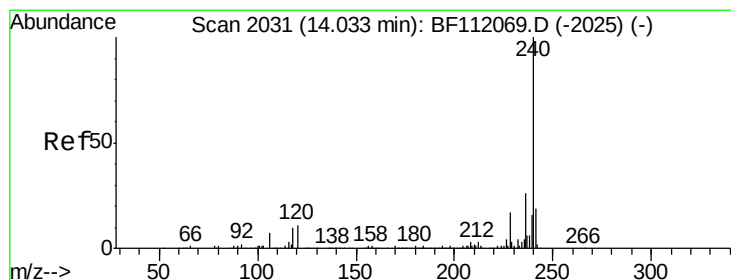
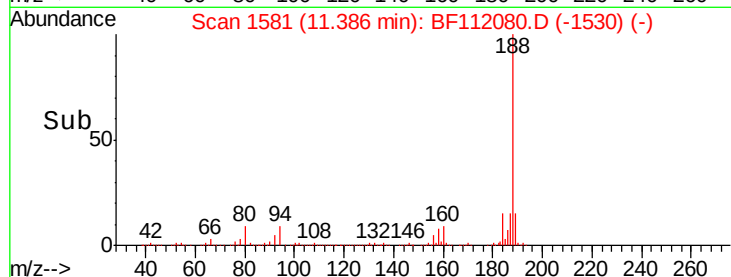
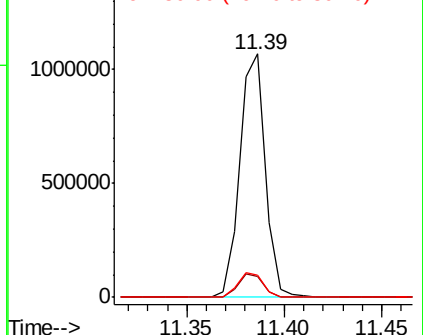
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112080.D
Acq: 17 Jan 2019 11:09

Instrument :
BNA_F
ClientSampleId :
OK-01-011519-A

Tot Ion:188 Resp: 968747
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.1 8.9 13.3

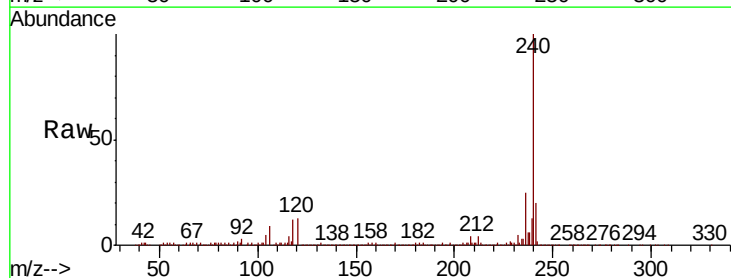


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

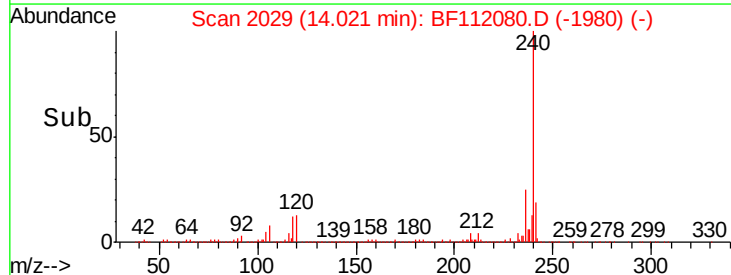
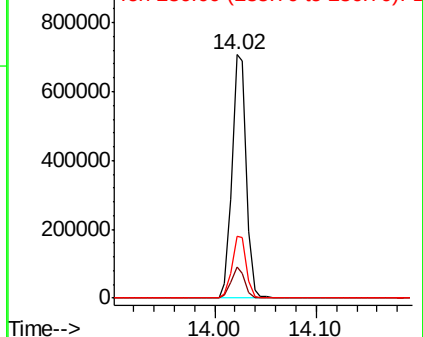


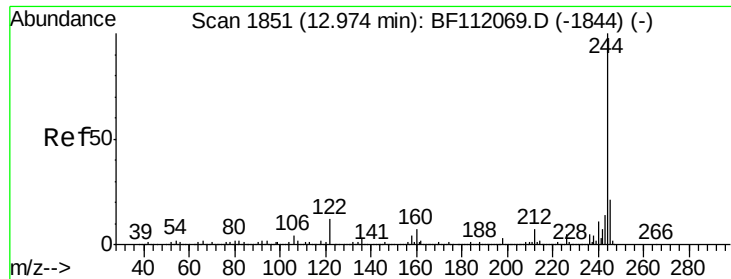
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112080.D
Acq: 17 Jan 2019 11:09

Tgt Ion:240 Resp: 696040
Ion Ratio Lower Upper
240 100
120 12.8 9.0 13.6
236 25.2 20.7 31.1



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

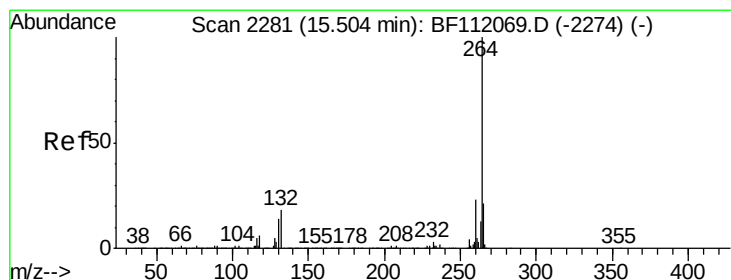
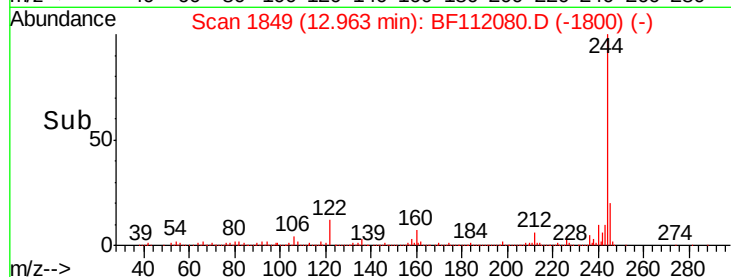
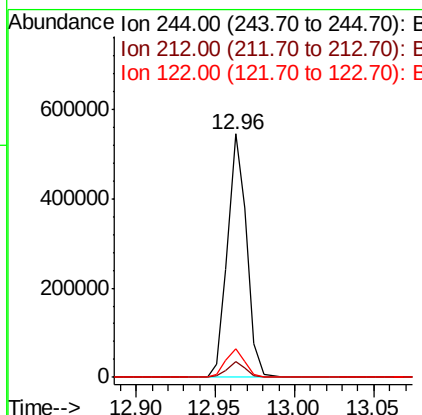
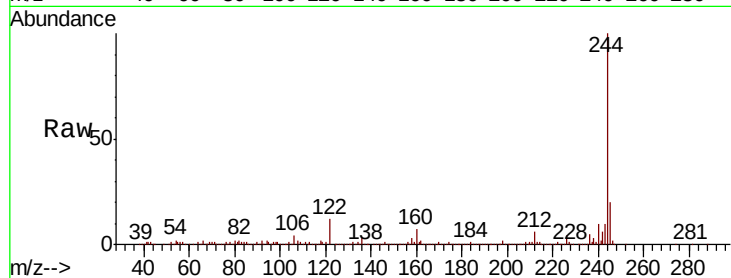




#79
 Terphenyl-d14
 Concen: 13.895 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112080.D
 Acq: 17 Jan 2019 11:09

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-011519-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.9	8.9
122	11.9	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF112080.D
 Acq: 17 Jan 2019 11:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.0	17.0	25.4

