

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112918.D
 Acq On : 7 Mar 2019 13:51
 Operator : JU/SJ
 Sample : K1760-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

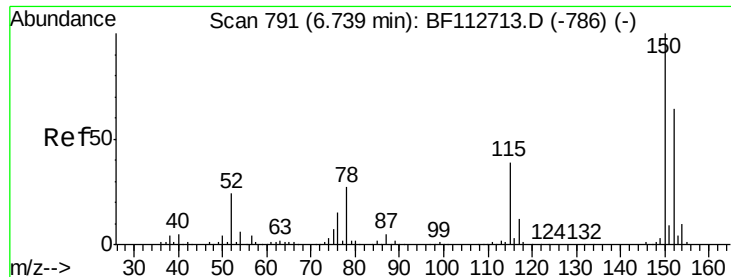
Instrument :
 BNA_F
 ClientSampleId :
 Z2-10

Quant Time: Mar 08 00:18:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	186847	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	676139	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	356958	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	746369	20.00	ng	0.00
76) Chrysene-d12	13.86	240	705862	20.00	ng	-0.01
87) Perylene-d12	15.27	264	641503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	814609	67.82	ng	0.00
7) Phenol-d6	6.37	99	1093180	72.45	ng	0.00
23) Nitrobenzene-d5	7.29	82	651990	57.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	362579	95.68	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1266107	53.23	ng	-0.01
79) Terphenyl-d14	12.82	244	1501091	41.22	ng	0.00
Target Compounds						
10) Phenol	6.37	94	72250	4.103	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	83136	8.700	ng	# 77
25) Isophorone	7.29	82	648360	26.634	ng	# 66
50) Dimethylphthalate	9.48	163	102003	3.875	ng	99
51) 2,6-Dinitrotoluene	9.76	165	45873	8.370	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	45874	6.733	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	390	4.728	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	20268	2.578	ng	# 1

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

```
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Operator  : JU/SJ  
Sample    : K1760-11  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
```

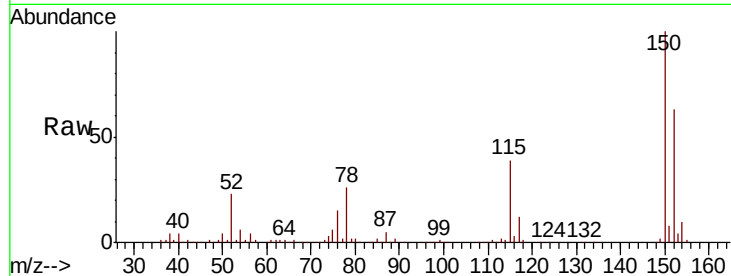


#1

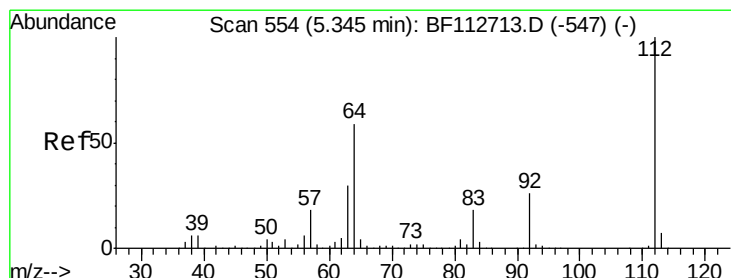
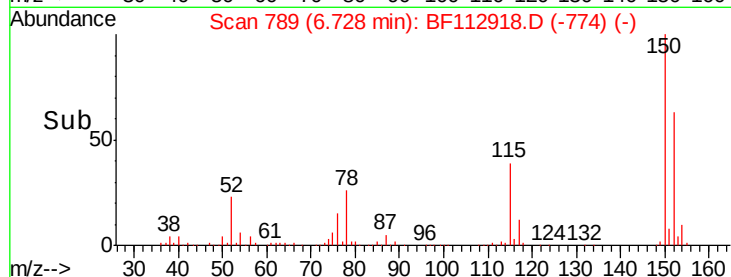
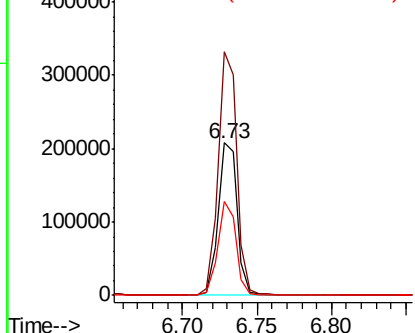
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

Instrument :
BNA_F
ClientSampleId :
Z2-10

Tgt Ion:152 Resp: 186847
Ion Ratio Lower Upper
152 100
150 159.6 124.2 186.2
115 61.5 48.2 72.4



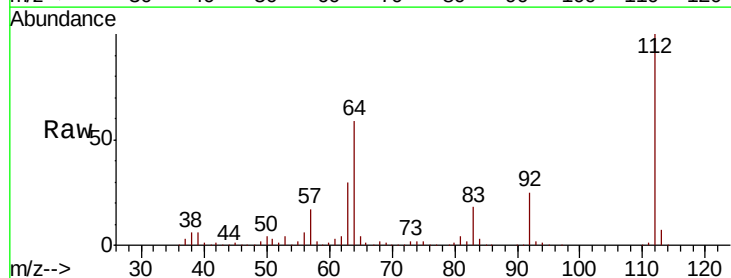
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



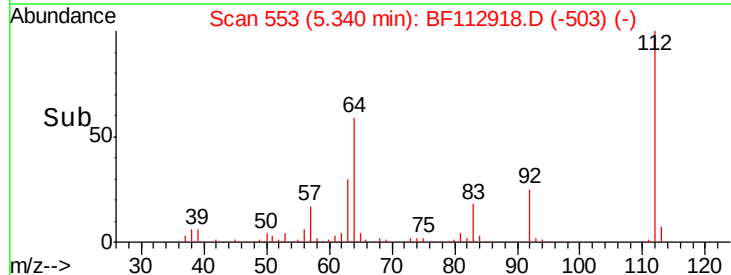
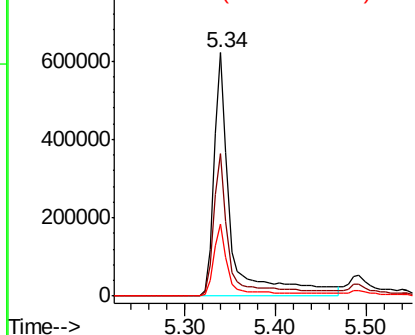
#5

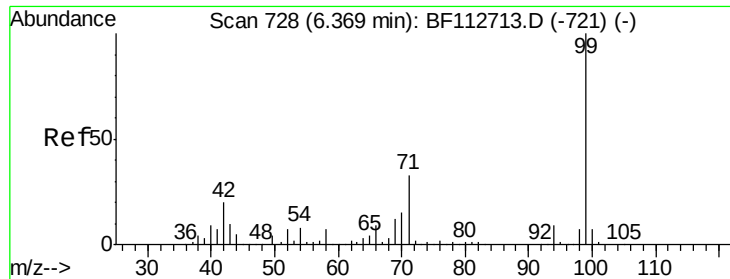
2-Fluorophenol
Concen: 67.818 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

Tgt Ion:112 Resp: 814609
Ion Ratio Lower Upper
112 100
64 58.7 47.6 71.4
63 29.6 24.4 36.6



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: 72.450 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

Instrument :

BNA_F

ClientSampleId :

Z2-10

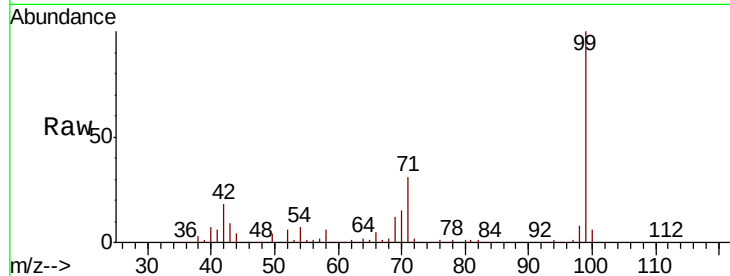
Tgt Ion: 99 Resp: 1093180

Ion Ratio Lower Upper

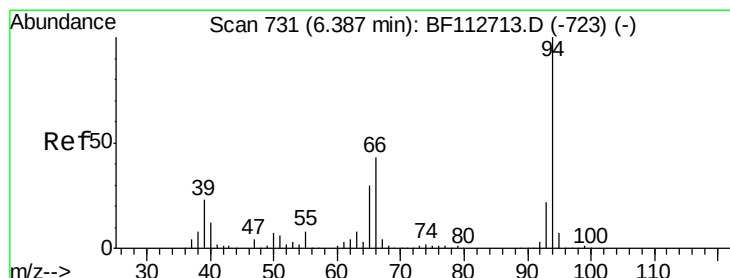
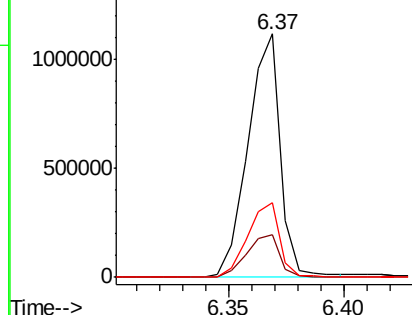
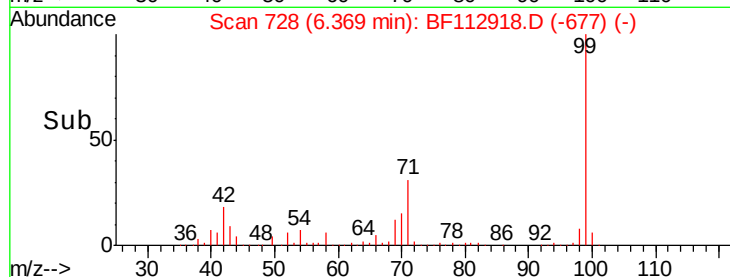
99 100

42 17.6 16.3 24.5

71 30.6 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.103 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

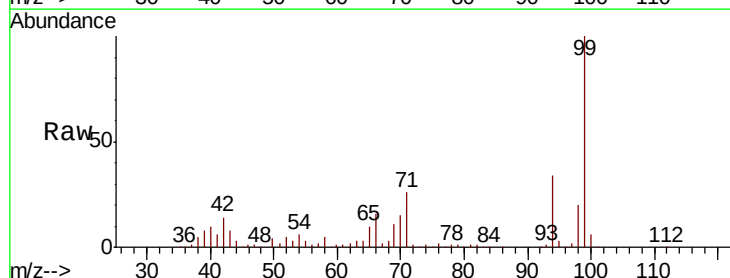
Tgt Ion: 94 Resp: 72250

Ion Ratio Lower Upper

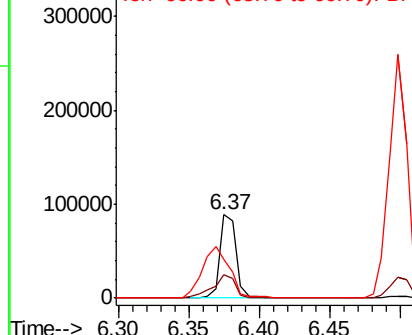
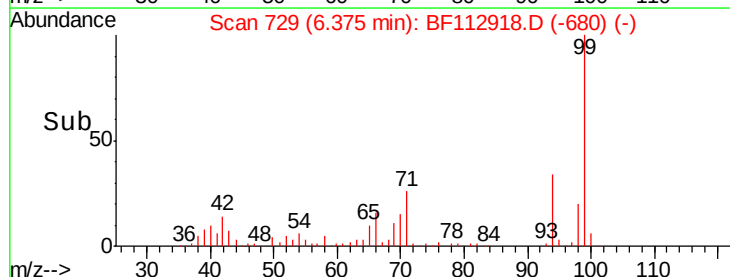
94 100

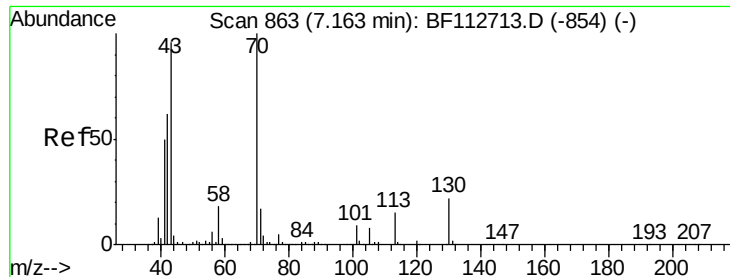
65 28.3 10.5 50.5

66 46.7 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
300000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

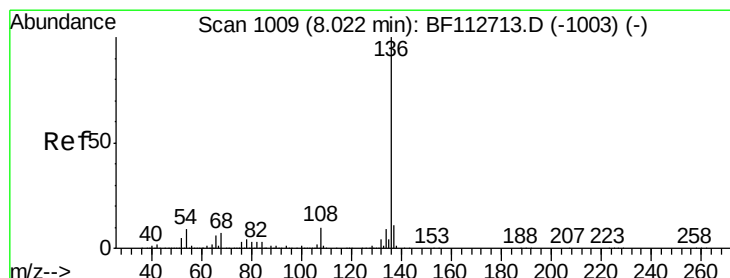
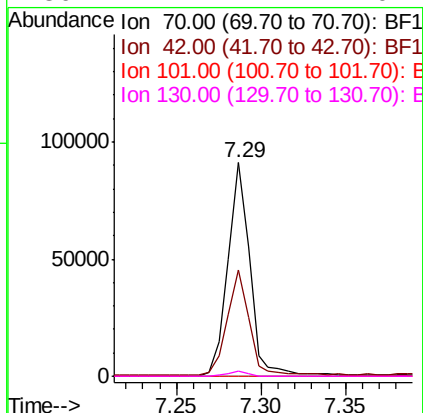
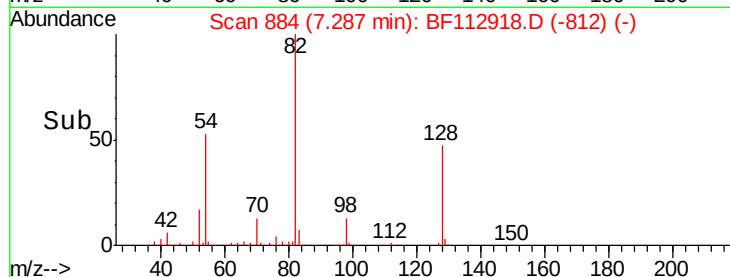
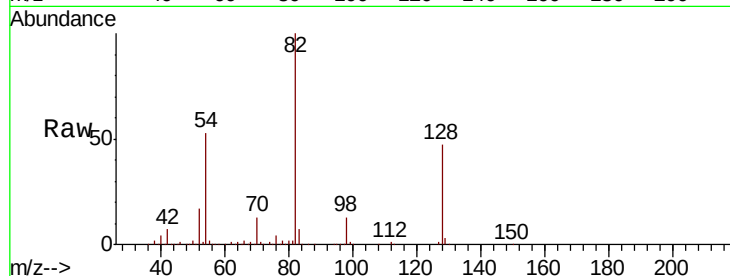




#19
n-Nitroso-di-n-propylamine
Concen: 8.700 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

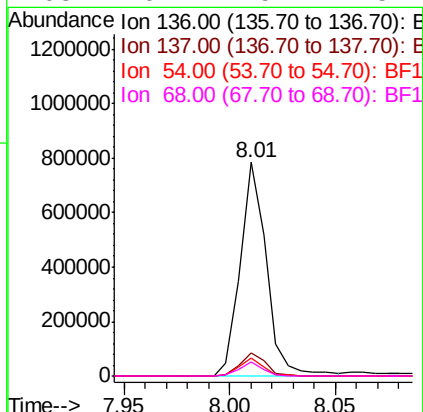
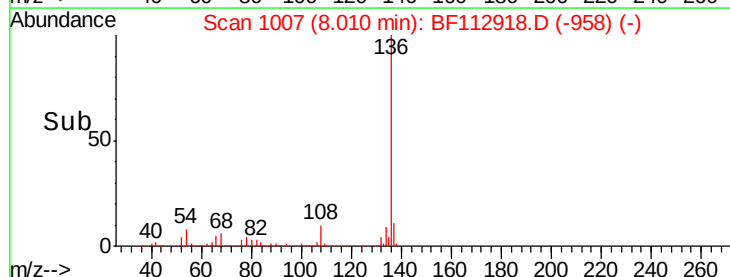
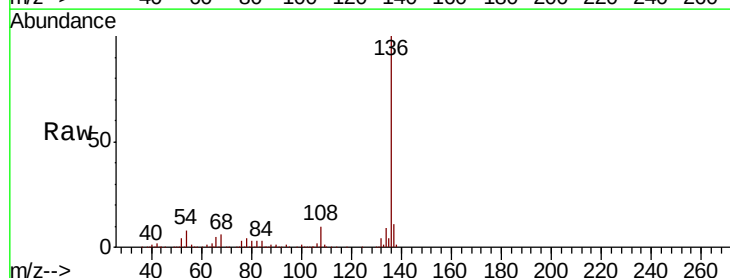
Instrument :
BNA_F
ClientSampleId :
Z2-10

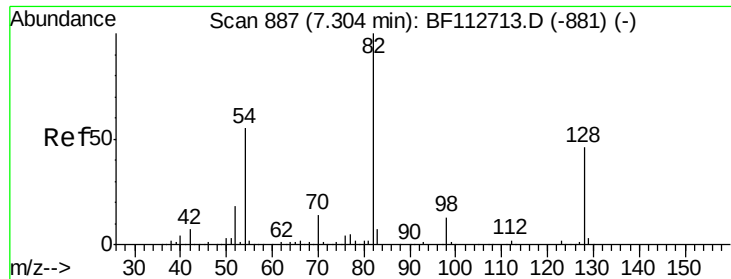
Tgt Ion:	70	Resp:	83136
Ion	Ratio	Lower	Upper
70	100		
42	49.8	49.9	74.9#
101	0.0	7.4	11.2#
130	2.4	17.4	26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

Tgt Ion:	136	Resp:	676139
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	7.3	10.9
68	6.4	5.4	8.2

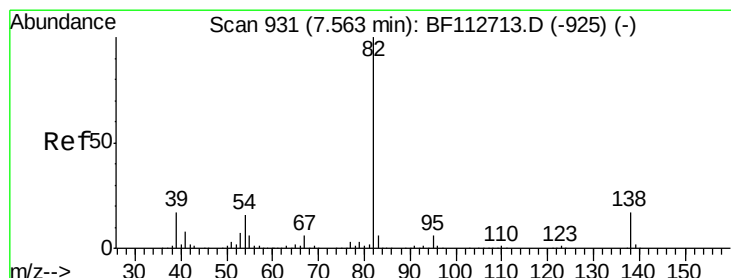
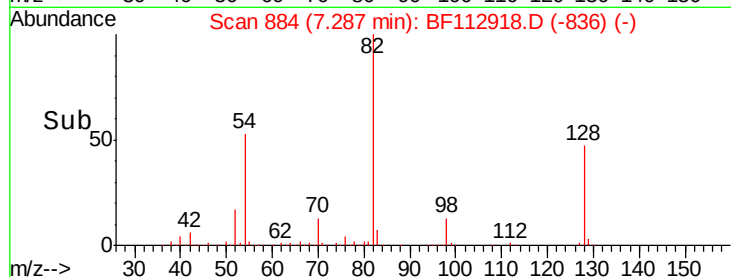
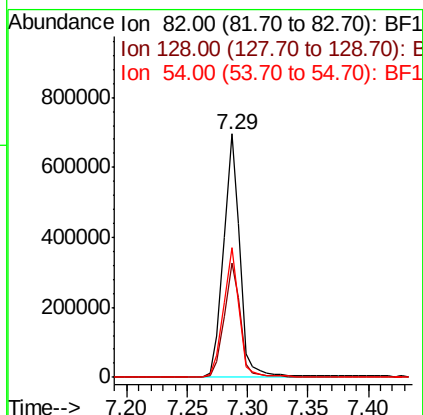
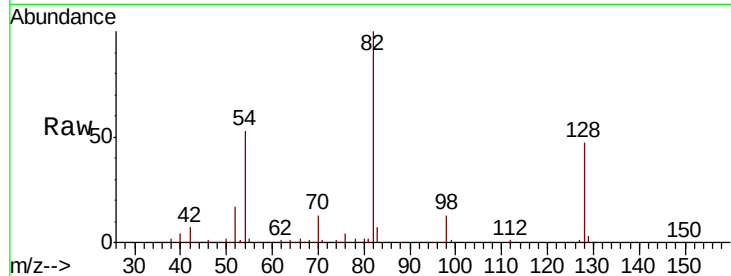




#23
 Nitrobenzene-d5
 Concen: 57.701 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112918.D
 Acq: 7 Mar 2019 13:51

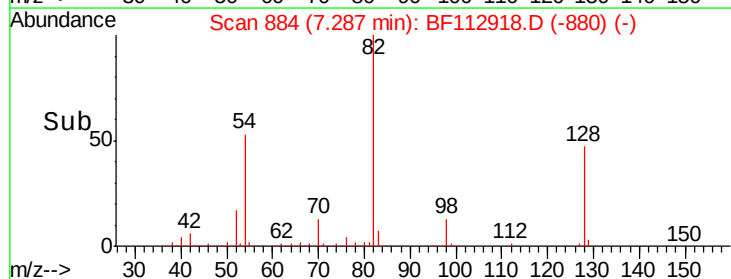
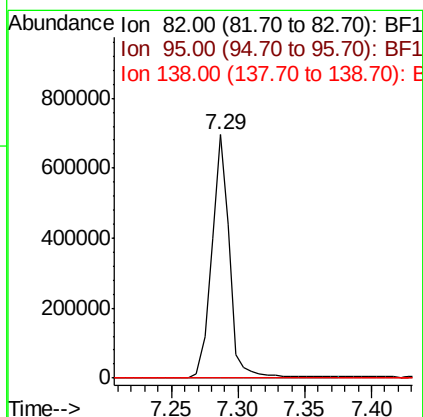
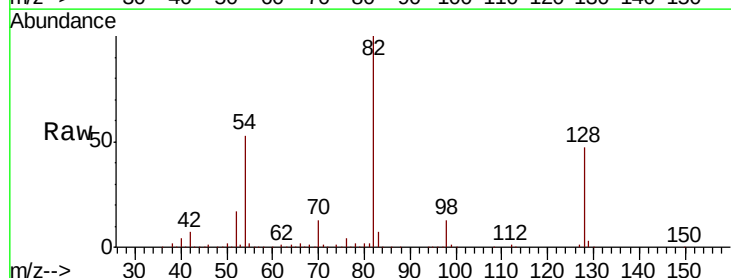
Instrument :
 BNA_F
 ClientSampleId :
 Z2-10

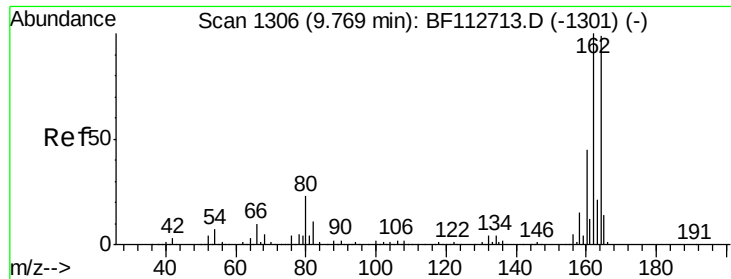
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	53.1	43.7	65.5



#25
 Isophorone
 Concen: 26.634 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.28 min
 Lab File: BF112918.D
 Acq: 7 Mar 2019 13:51

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

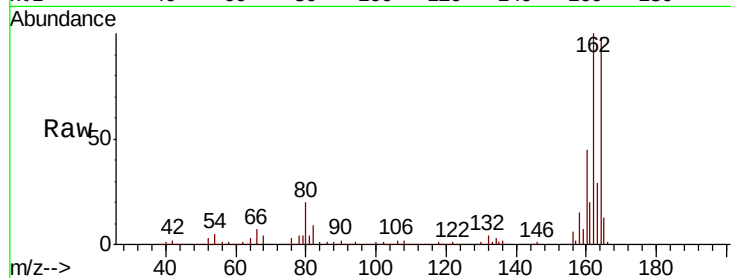




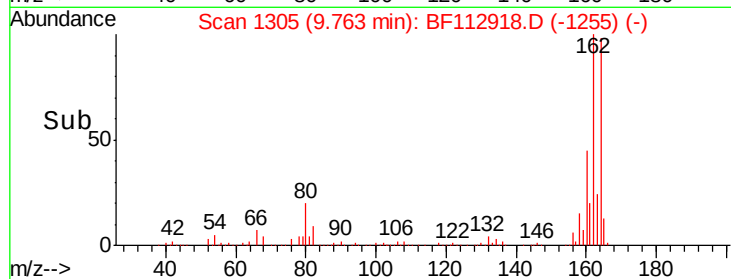
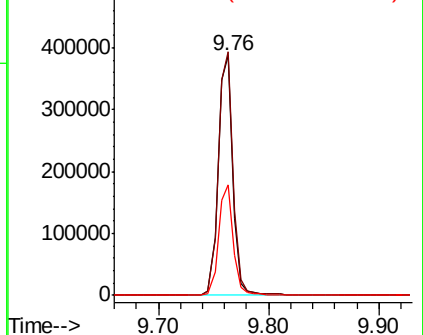
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112918.D
 Acq: 7 Mar 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 Z2-10

Tgt Ion:164 Resp: 356958
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.6 120.8
 160 46.2 36.0 54.0

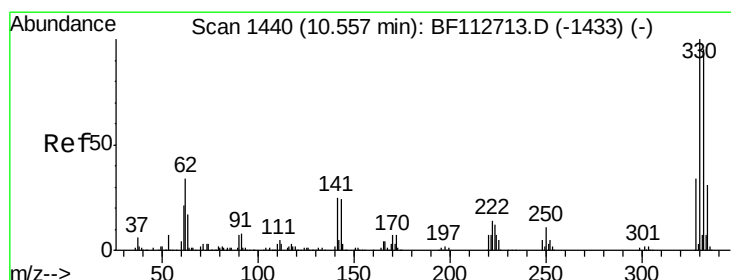


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

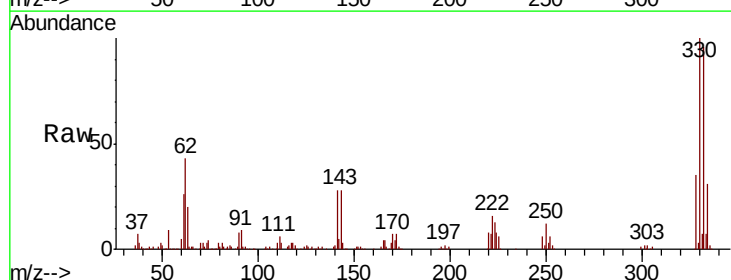
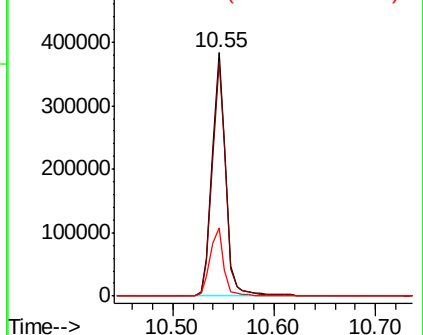


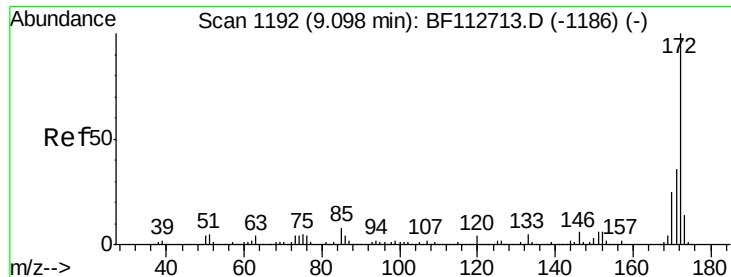
#42
 2,4,6-Tribromophenol
 Concen: 95.678 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112918.D
 Acq: 7 Mar 2019 13:51

Tgt Ion:330 Resp: 362579
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 28.3 27.0 40.6



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

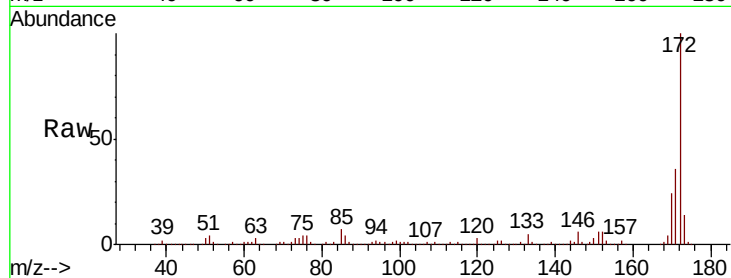




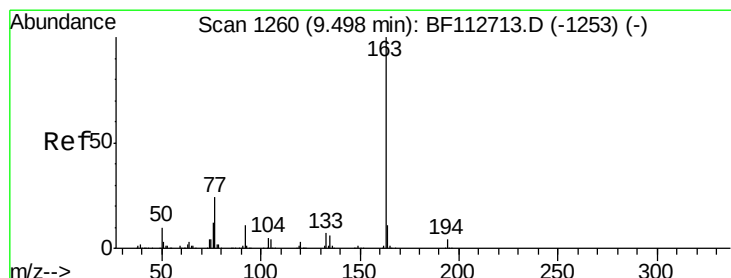
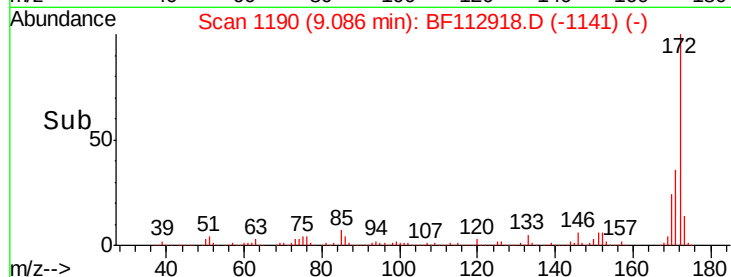
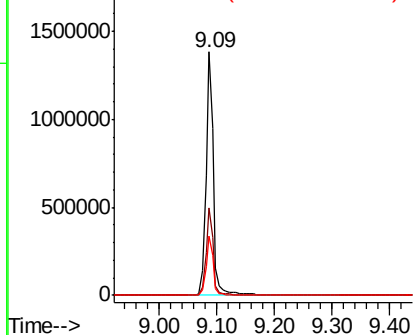
#45
 2-Fluorobiphenyl
 Concen: 53.229 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112918.D
 Acq: 7 Mar 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 Z2-10

Tgt Ion:172 Resp: 1266107
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 24.4 20.0 30.0

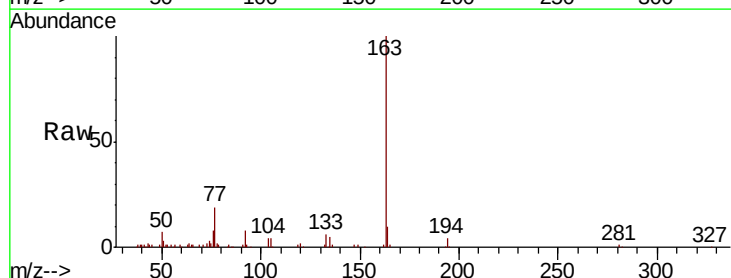


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

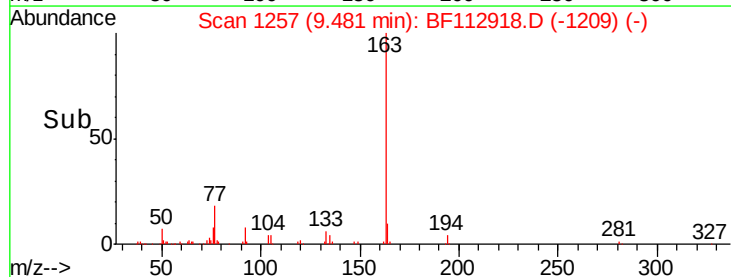
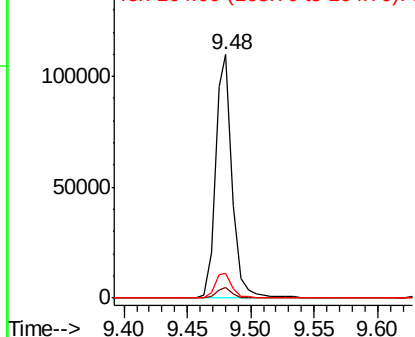


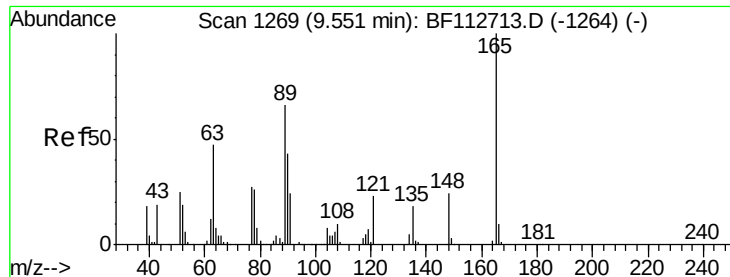
#50
 Dimethylphthalate
 Concen: 3.875 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF112918.D
 Acq: 7 Mar 2019 13:51

Tgt Ion:163 Resp: 102003
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.0 4.4
 164 10.0 8.4 12.6



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





#51

2,6-Dinitrotoluene

Concen: 8.370 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

Instrument :

BNA_F

ClientSampleId :

Z2-10

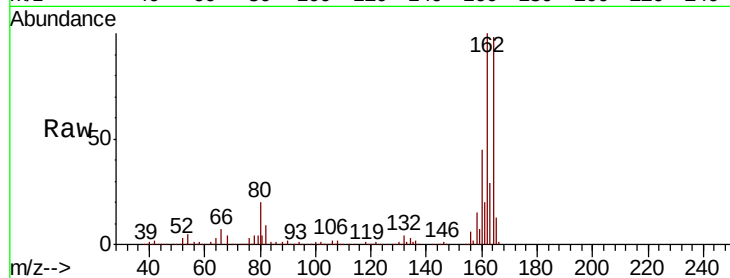
Tgt Ion:165 Resp: 45873

Ion Ratio Lower Upper

165 100

63 1.4 54.1 81.1#

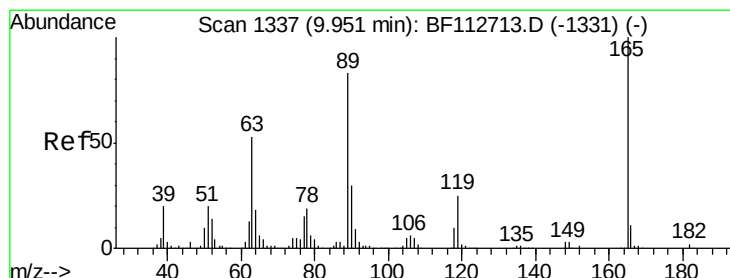
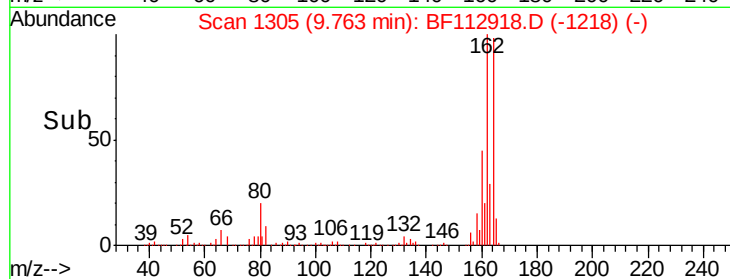
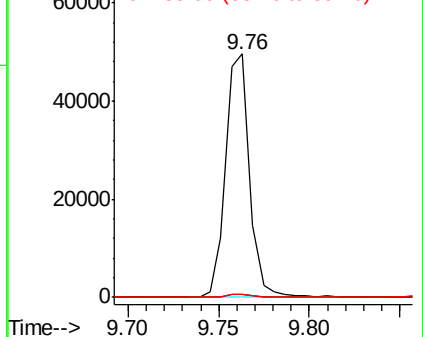
89 1.3 52.8 79.2#



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: 6.733 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

Tgt Ion:165 Resp: 45874

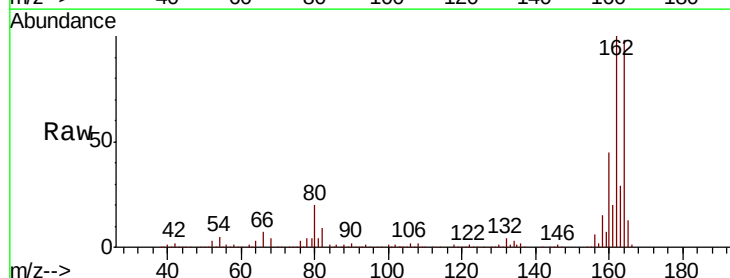
Ion Ratio Lower Upper

165 100

63 1.4 42.2 63.2#

89 1.3 66.2 99.4#

182 0.0 1.8 2.6#

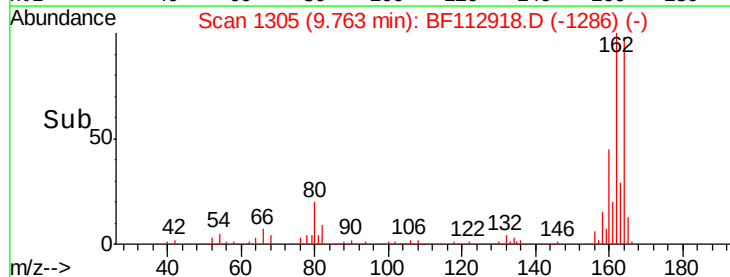
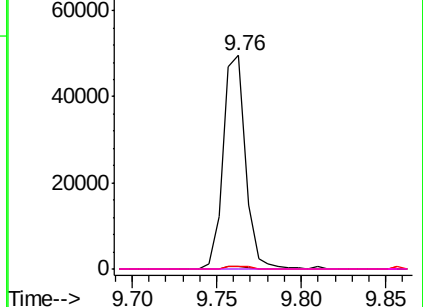


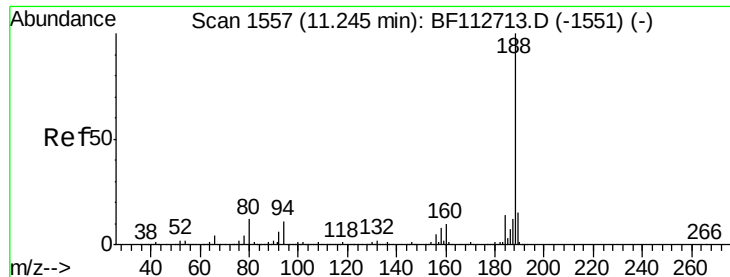
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

Instrument :

BNA_F

ClientSampleId :

Z2-10

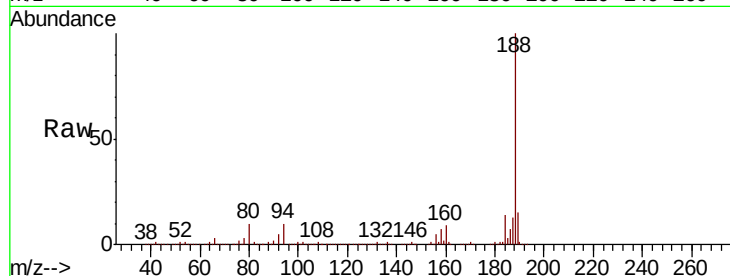
Tgt Ion:188 Resp: 746369

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

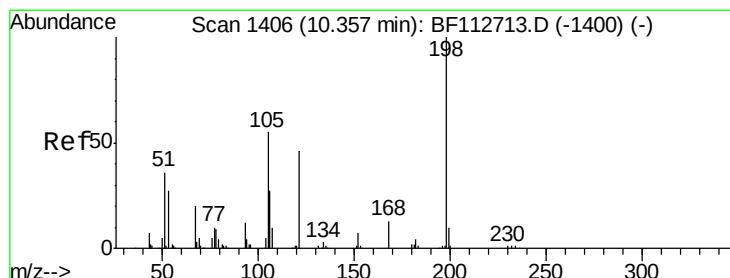
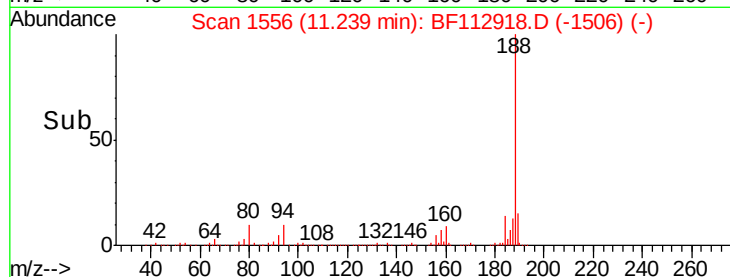
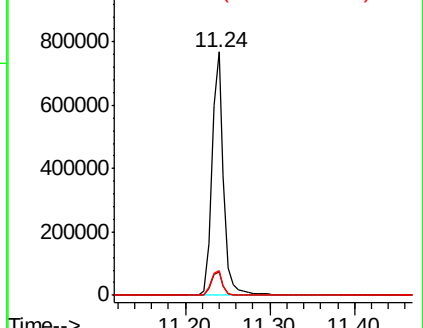
80 10.2 9.2 13.8



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.728 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

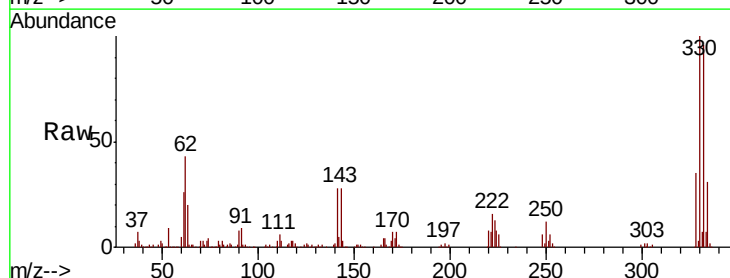
Tgt Ion:198 Resp: 390

Ion Ratio Lower Upper

198 100

51 235.4 43.8 83.8#

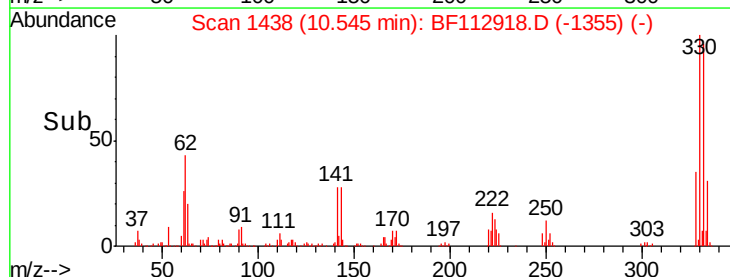
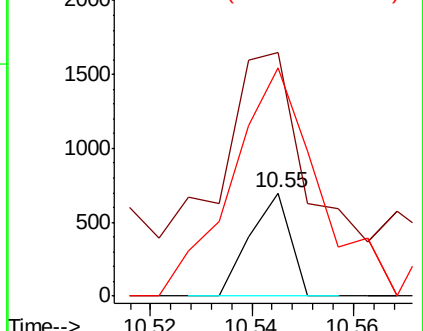
105 220.9 36.5 76.5#

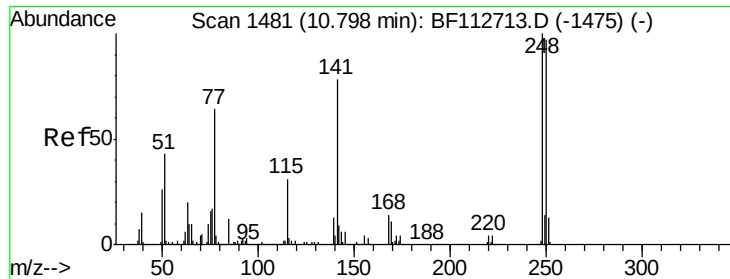


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

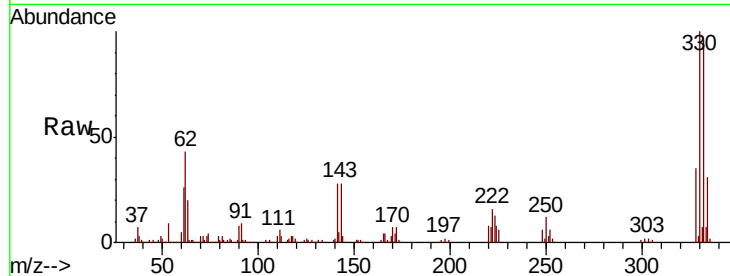




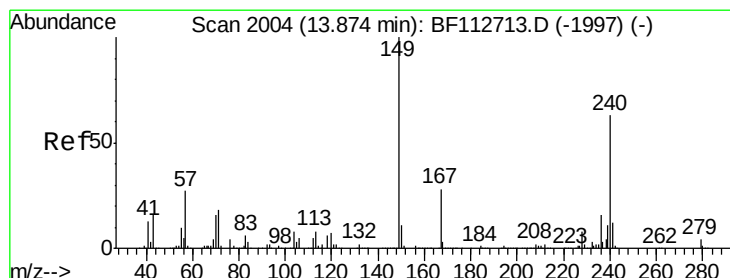
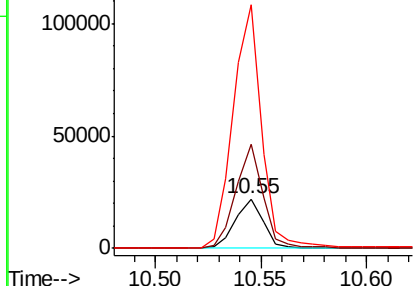
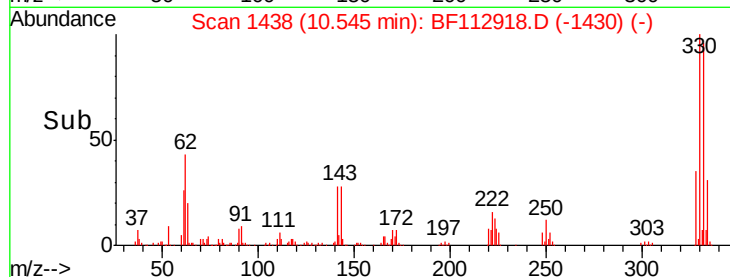
#67
4-Bromophenyl-phenylether
Concen: 2.578 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

Instrument :
BNA_F
ClientSampled :
Z2-10

Tgt Ion:248 Resp: 20268
Ion Ratio Lower Upper
248 100
250 211.7 77.5 116.3#
141 495.1 62.4 93.6#

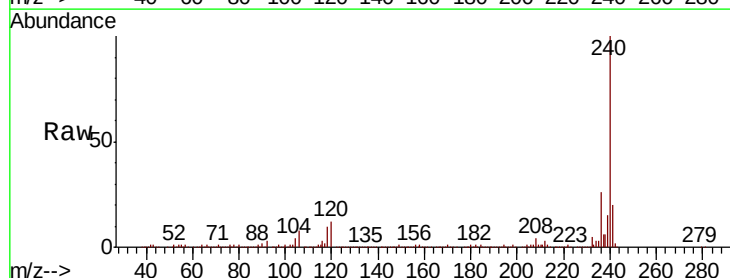


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

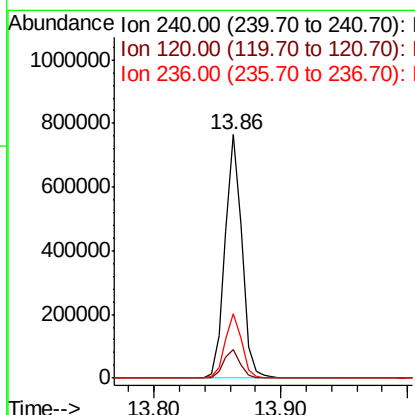
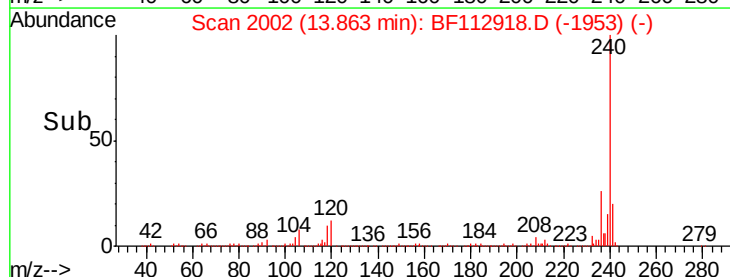


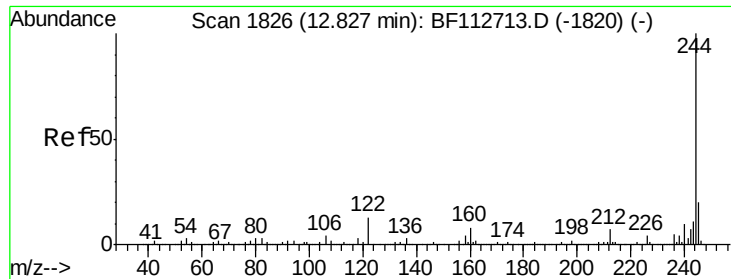
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112918.D
Acq: 7 Mar 2019 13:51

Tgt Ion:240 Resp: 705862
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.3 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: 41.224 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

Instrument :

BNA_F

ClientSampleId :

Z2-10

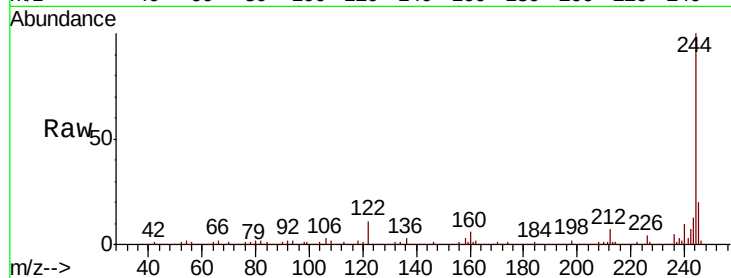
Tgt Ion:244 Resp: 1501091

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

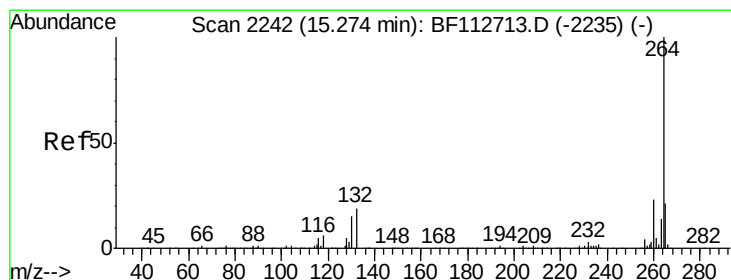
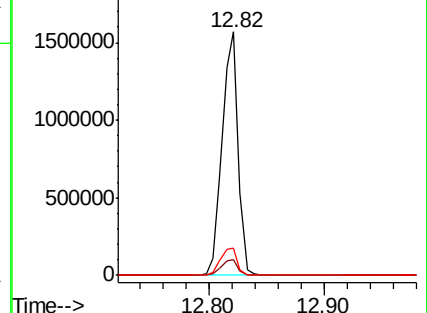
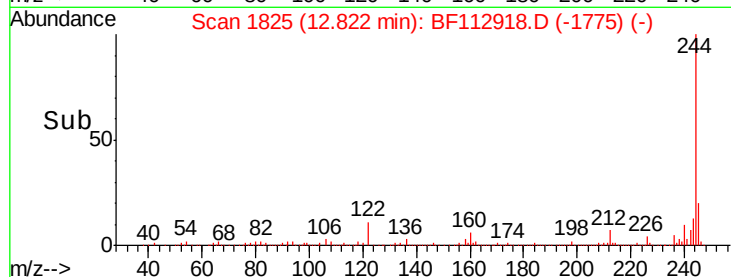
122 11.0 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112918.D

Acq: 7 Mar 2019 13:51

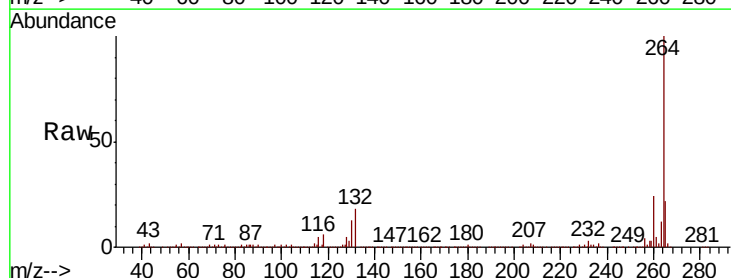
Tgt Ion:264 Resp: 641503

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

