

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110142.D
 Acq On : 25 Oct 2018 4:37
 Operator : JU/SJ
 Sample : J5640-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:05:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	133035	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	473493	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	177820	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	294200	20.00	ng	0.00
76) Chrysene-d12	14.15	240	281708	20.00	ng	0.00
87) Perylene-d12	15.67	264	200848	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	289962	35.49	ng	0.00
7) Phenol-d6	6.58	99	209766	20.07	ng	0.00
23) Nitrobenzene-d5	7.53	82	716385	89.74	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	126158	71.62	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1169018	103.23	ng	0.00
79) Terphenyl-d14	13.09	244	964213	71.18	ng	0.00

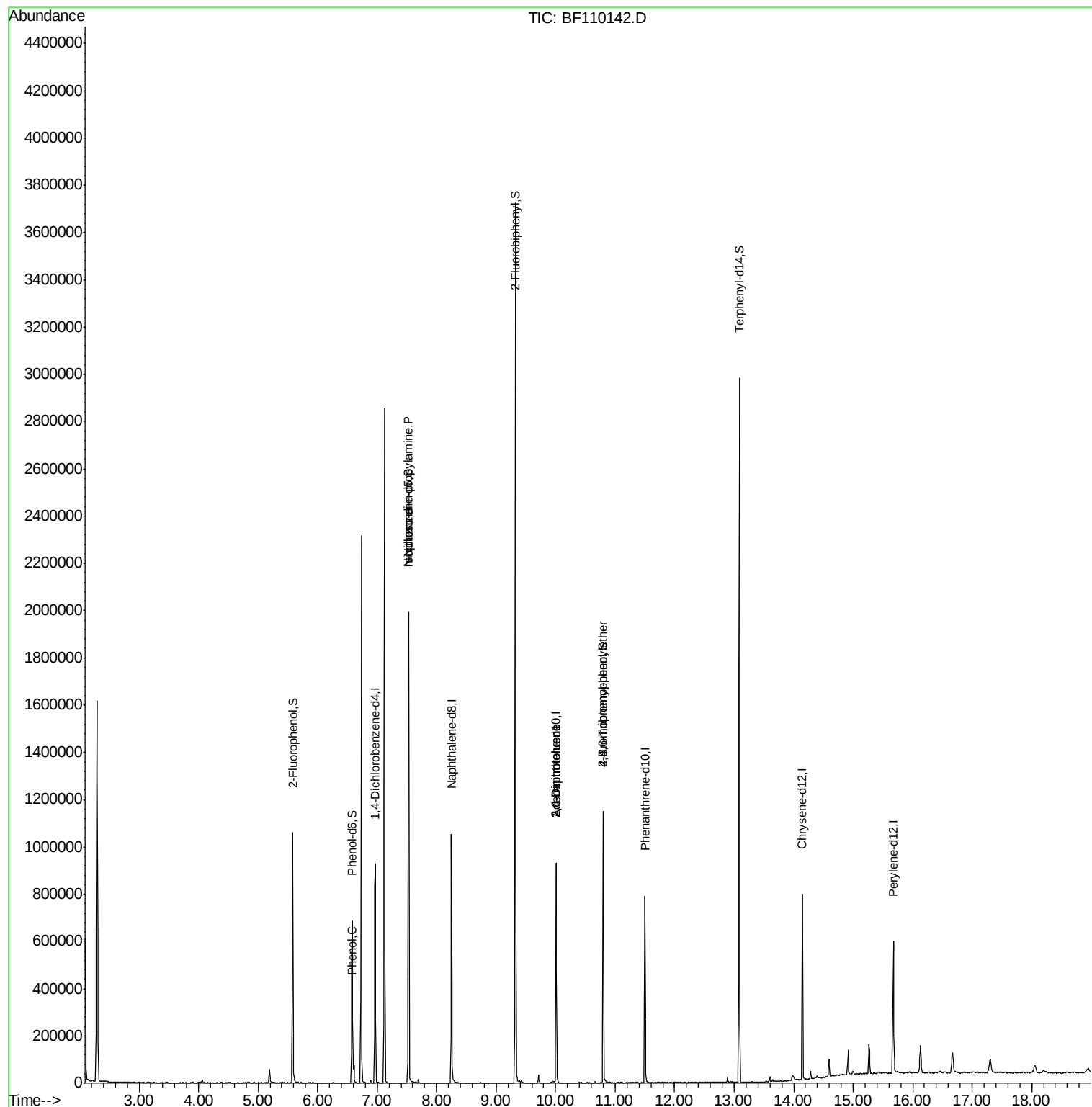
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	799	Below Cal		# 1
10) Phenol	6.59	94	25036	2.241	ng	# 68
19) n-Nitroso-di-n-propylamine	7.53	70	94578	14.108	ng	# 80
25) Isophorone	7.53	82	716380	52.645	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	22564	7.980	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	22564	6.283	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8277	2.594	ng	# 1

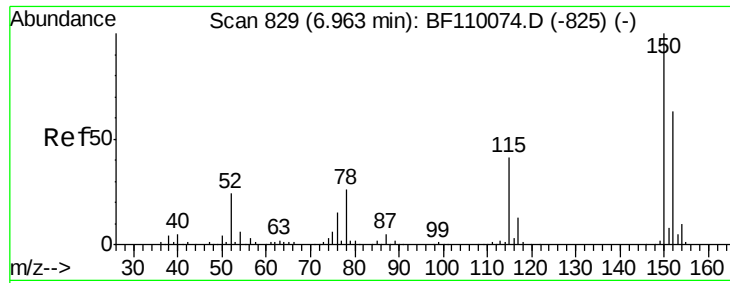
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110142.D
Acq On : 25 Oct 2018 4:37
Operator : JU/SJ
Sample : J5640-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 25 09:05:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 25 02:28:50 2018
Response via : Initial Calibration



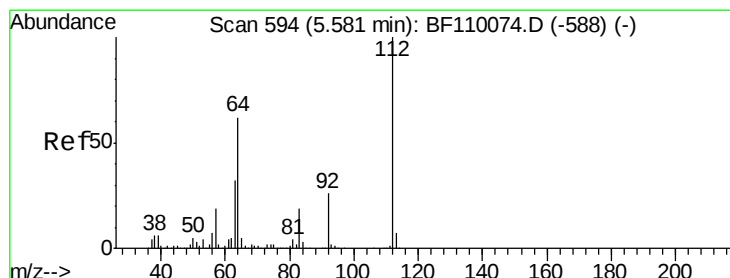
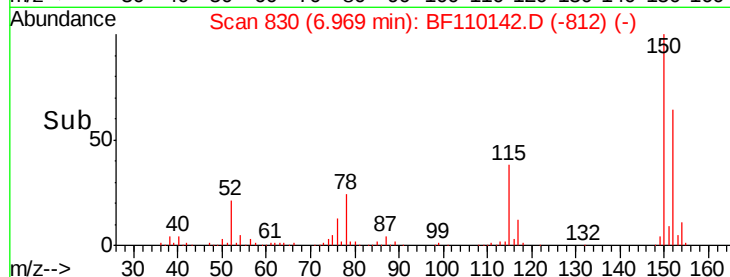
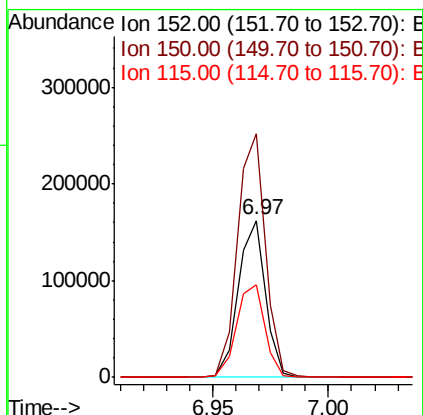
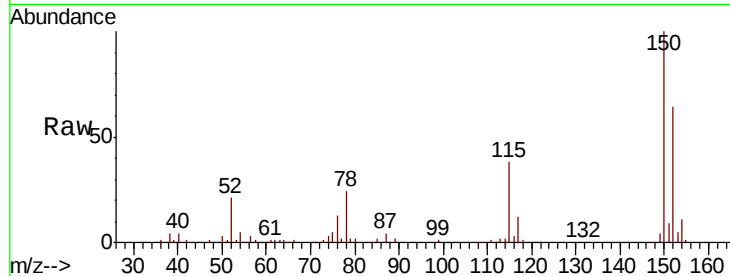


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110142.D
Acq: 25 Oct 2018 4:37

Instrument :
BNA_F
ClientSampleId :

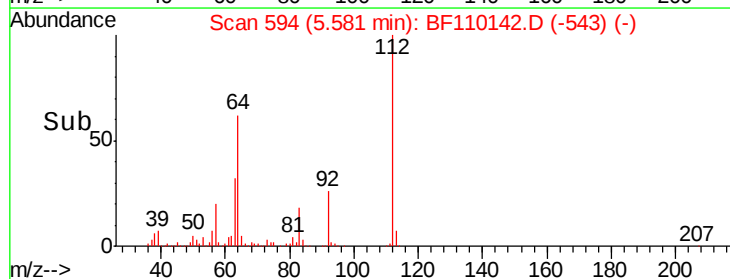
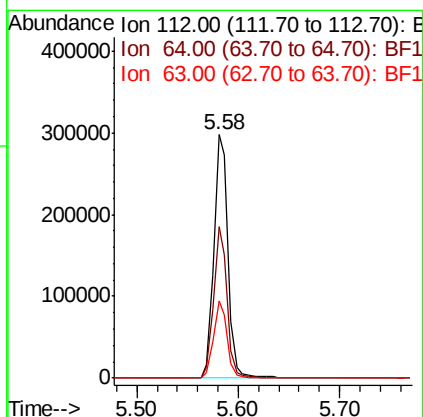
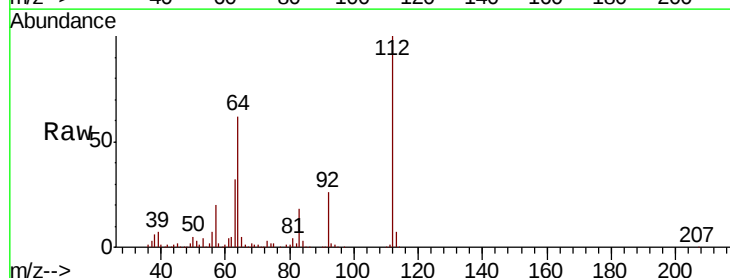
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.7	184.1
115	59.0	49.1	73.7

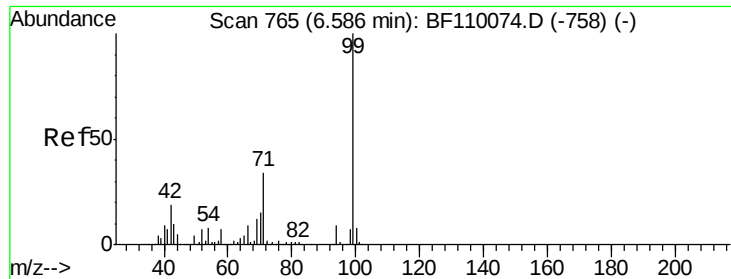


#5

2-Fluorophenol
Concen: 35.494 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF110142.D
Acq: 25 Oct 2018 4:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	44.1	66.1
63	31.6	23.7	35.5





#7

Phenol-d6

Concen: 20.075 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110142.D

Acq: 25 Oct 2018 4:37

Instrument :

BNA_F

ClientSampleId :

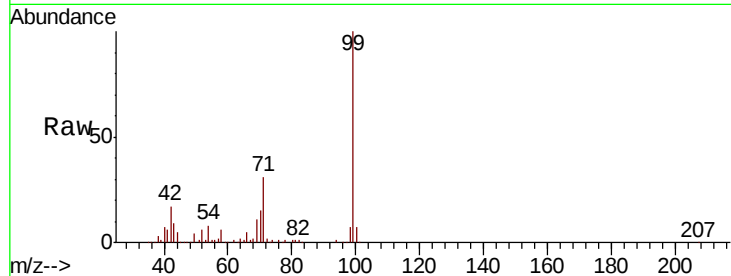
Tot Ion: 99 Resp: 209766

Ion Ratio Lower Upper

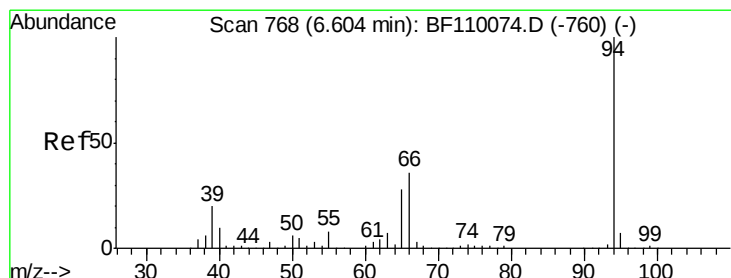
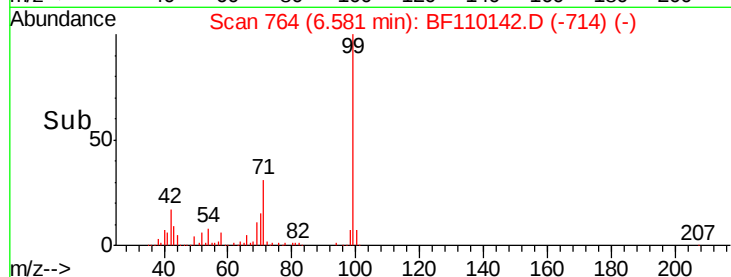
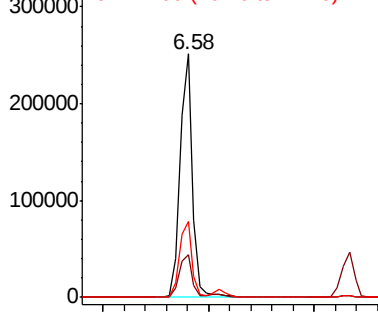
99 100

42 17.5 15.8 23.6

71 31.3 28.0 42.0



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: 2.241 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110142.D

Acq: 25 Oct 2018 4:37

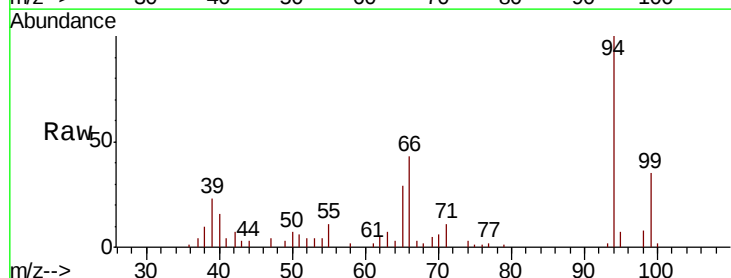
Tgt Ion: 94 Resp: 25036

Ion Ratio Lower Upper

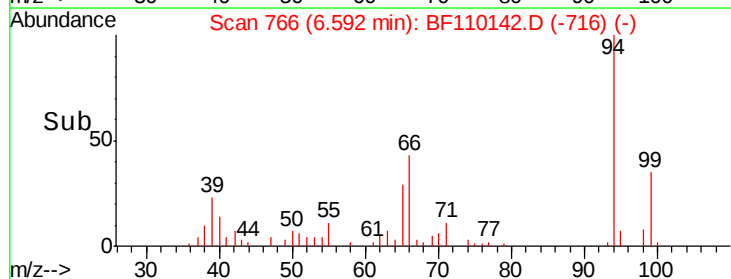
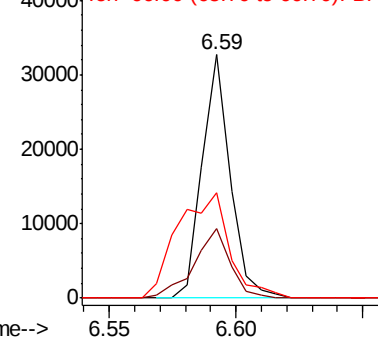
94 100

65 28.6 25.3 65.3

66 43.3 54.5 94.5#



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

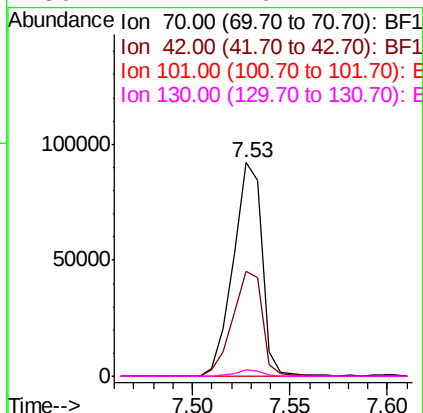
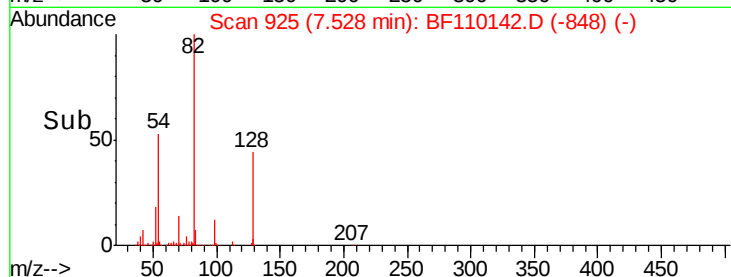
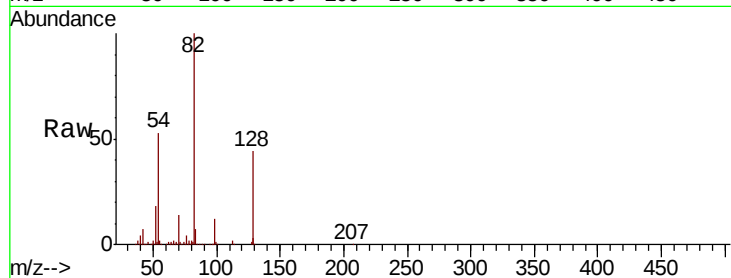




#19
n-Nitroso-di-n-propylamine
Concen: 14.108 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110142.D
Acq: 25 Oct 2018 4:37

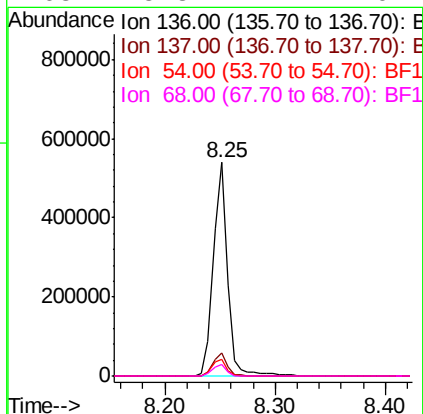
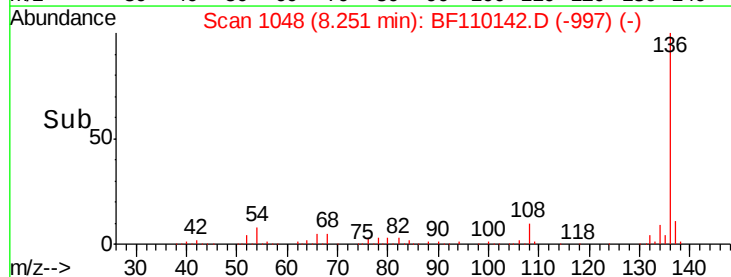
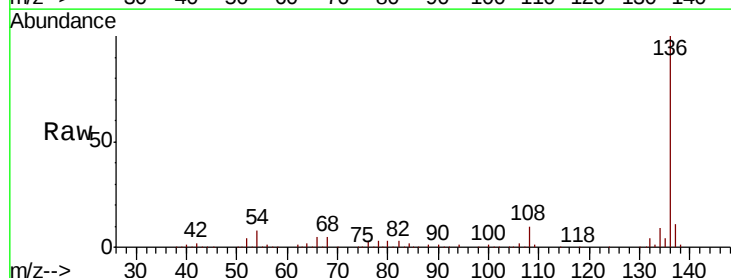
Instrument :
BNA_F
ClientSampled :

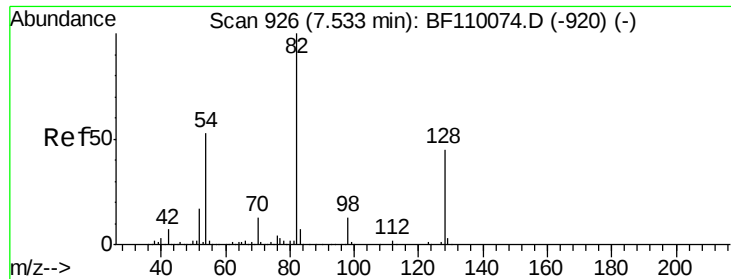
Tot Ion: 70 Resp: 94578
Ion Ratio Lower Upper
70 100
42 48.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.7 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110142.D
Acq: 25 Oct 2018 4:37

Tgt Ion: 136 Resp: 473493
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 5.4 8.2
68 5.3 4.2 6.2

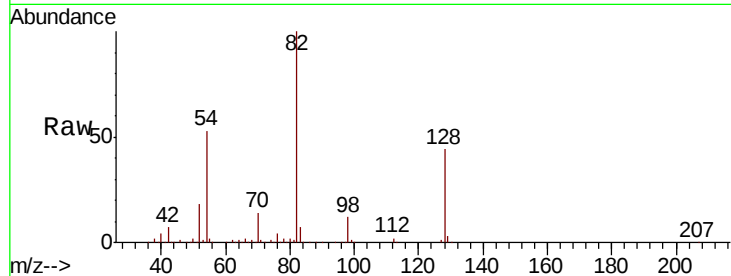




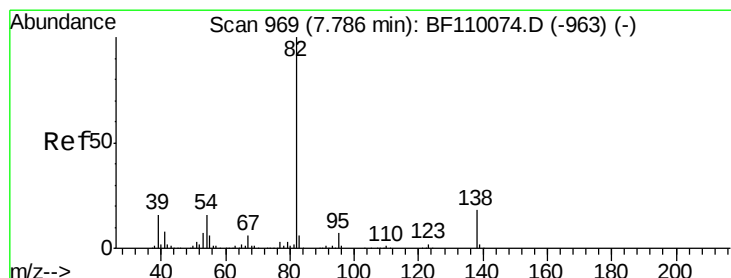
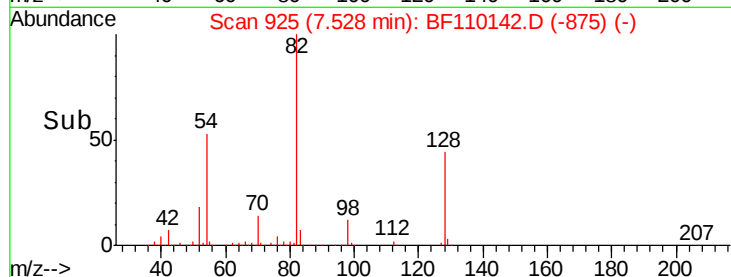
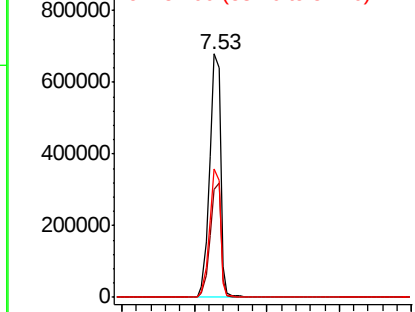
#23
 Nitrobenzene-d5
 Concen: 89.740 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110142.D
 Acq: 25 Oct 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.2	51.2
54	53.0	38.6	58.0

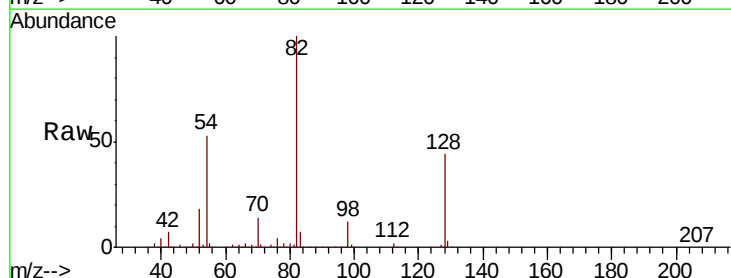


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

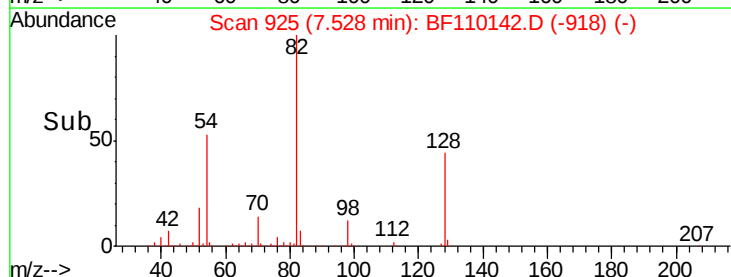
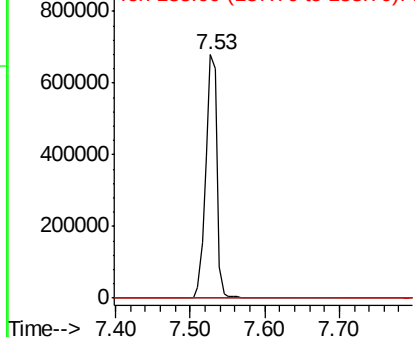


#25
 Isophorone
 Concen: 52.645 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.26 min
 Lab File: BF110142.D
 Acq: 25 Oct 2018 4:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF110142.D

Acq: 25 Oct 2018 4:37

Instrument :

BNA_F

ClientSampleId :

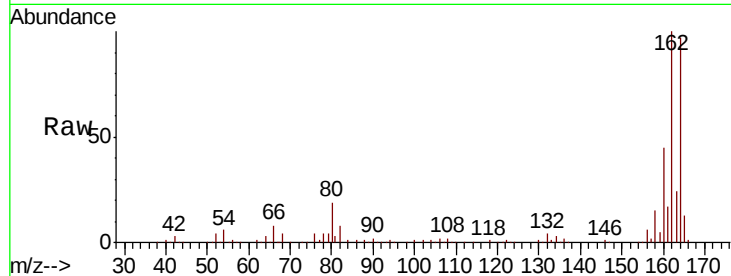
Tot Ion:164 Resp: 177820

Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.6

160 46.2 37.0 55.6

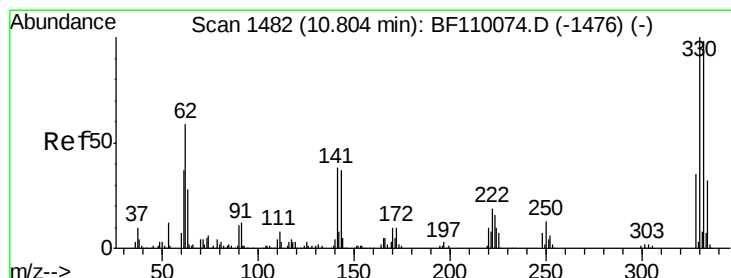
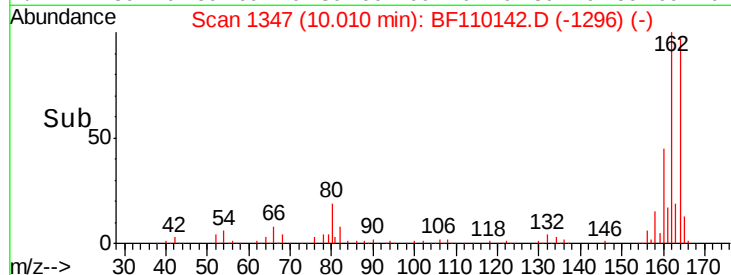
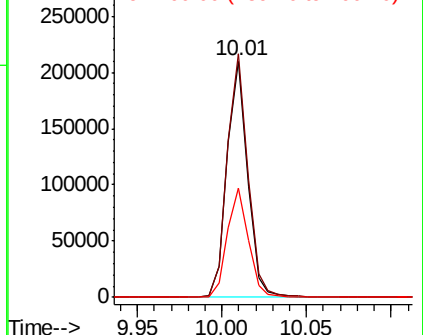


Abundance

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: 71.623 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110142.D

Acq: 25 Oct 2018 4:37

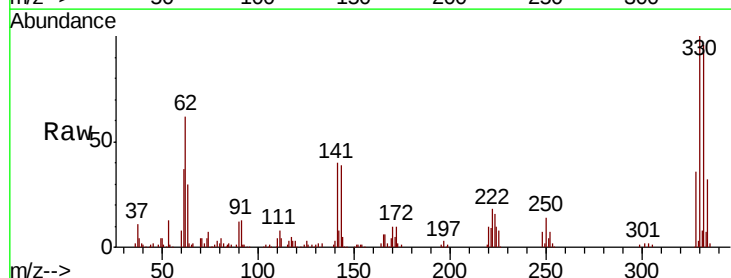
Tgt Ion:330 Resp: 126158

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 37.4 27.0 40.4

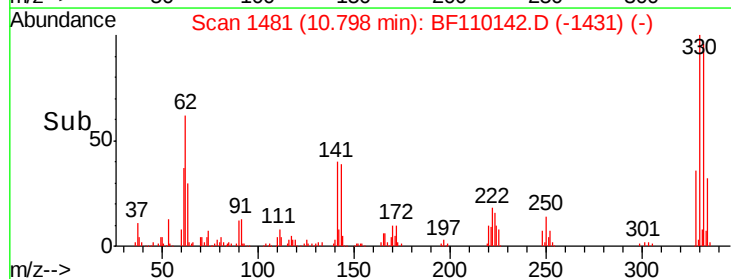
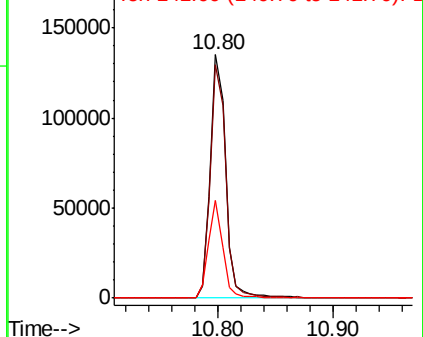


Abundance

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



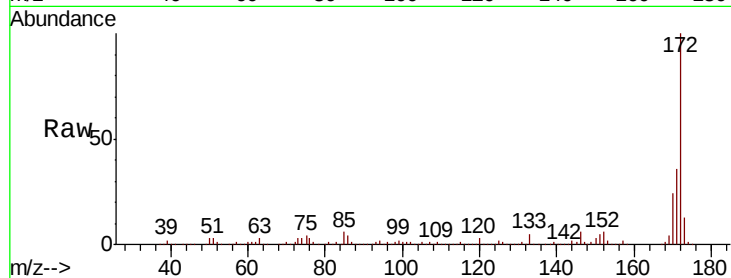


#45
 2-Fluorobiphenyl
 Concen: 103.231 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF110142.D
 Acq: 25 Oct 2018 4:37

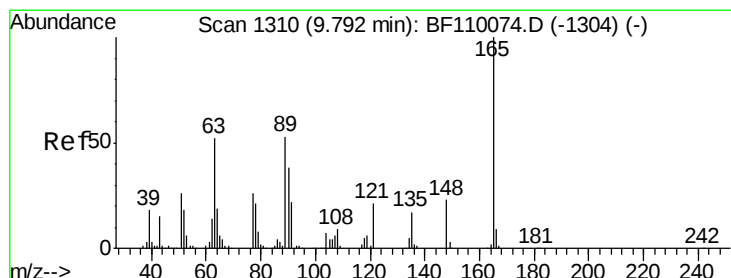
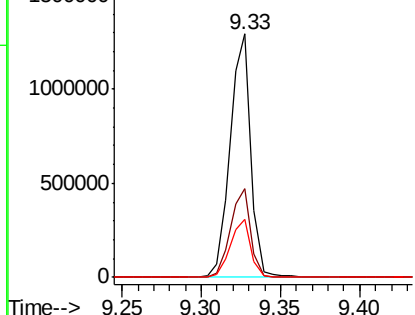
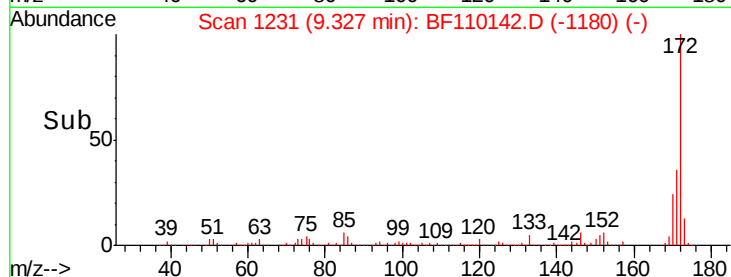
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1169018

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.9	19.7	29.5



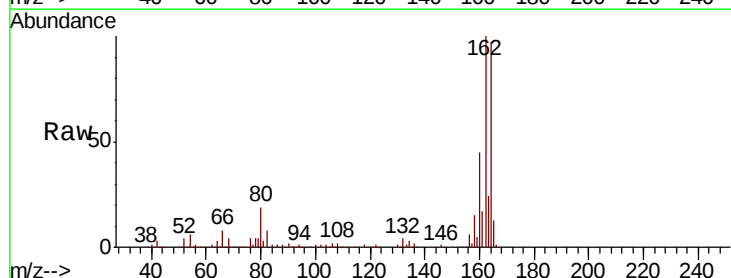
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



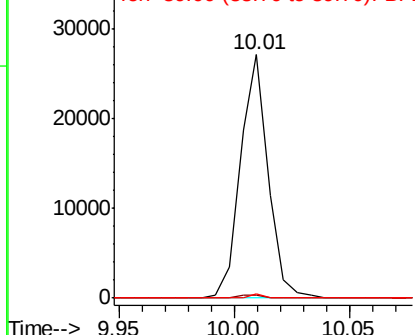
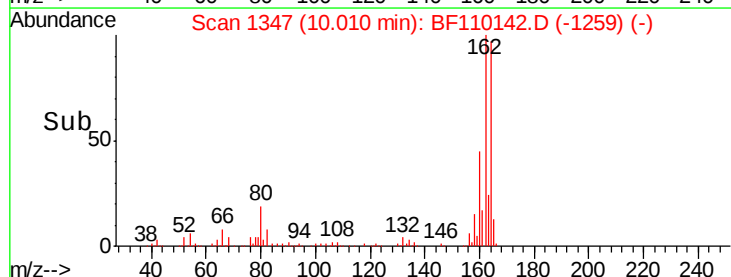
#51
 2,6-Dinitrotoluene
 Concen: 7.980 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110142.D
 Acq: 25 Oct 2018 4:37

Tgt Ion:165 Resp: 22564

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.7	46.6	69.8#



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

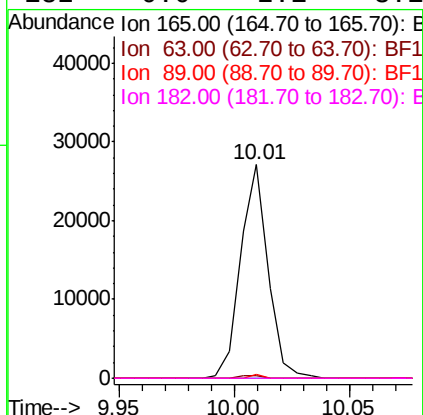
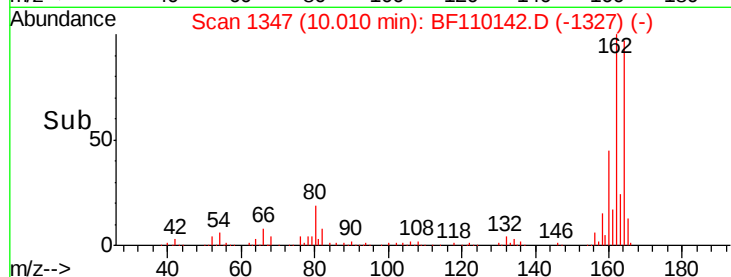
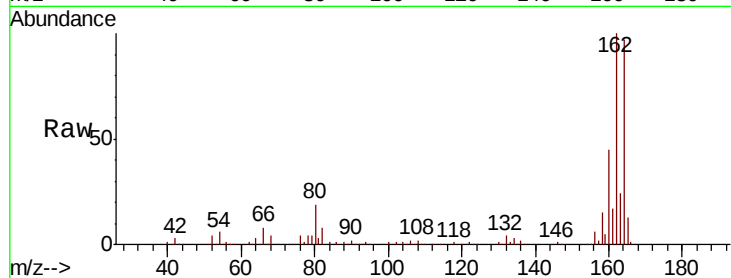




#57
2,4-Dinitrotoluene
Concen: 6.283 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF110142.D
Acq: 25 Oct 2018 4:37

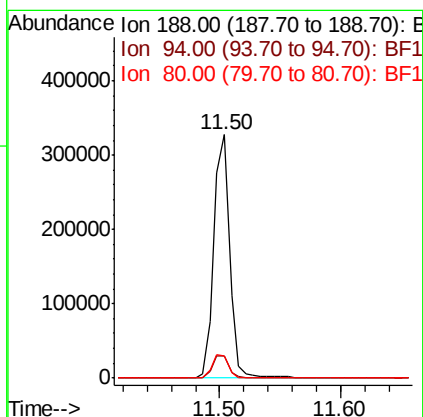
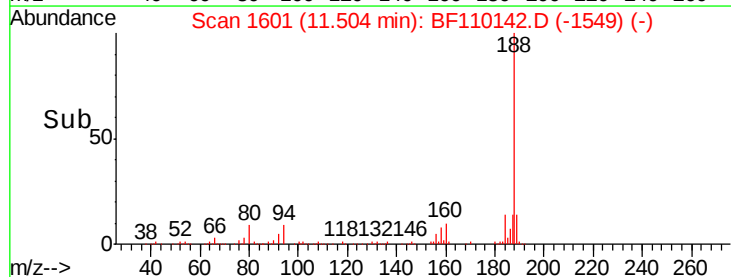
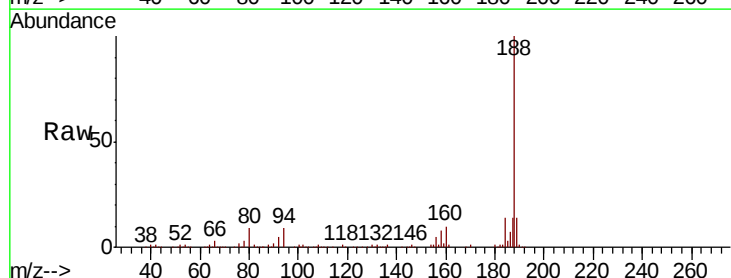
Instrument :
BNA_F
ClientSampleId :

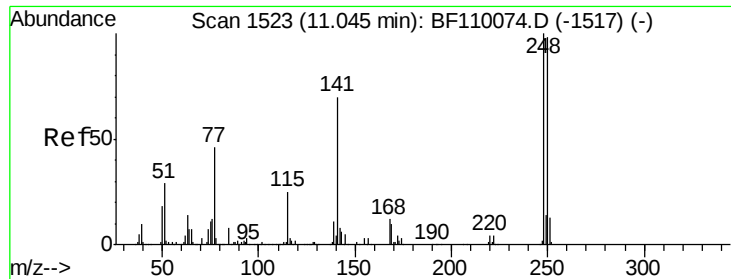
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF110142.D
Acq: 25 Oct 2018 4:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.1	7.9	11.9

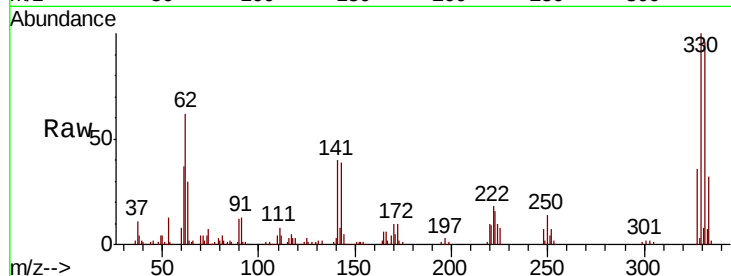




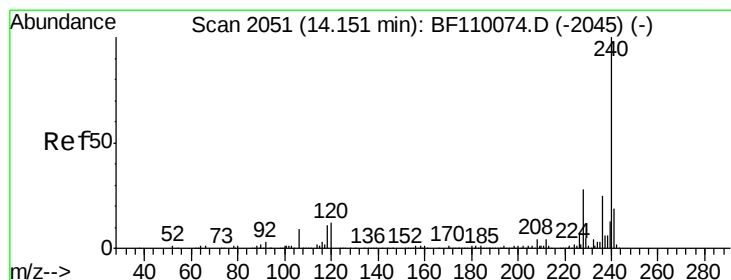
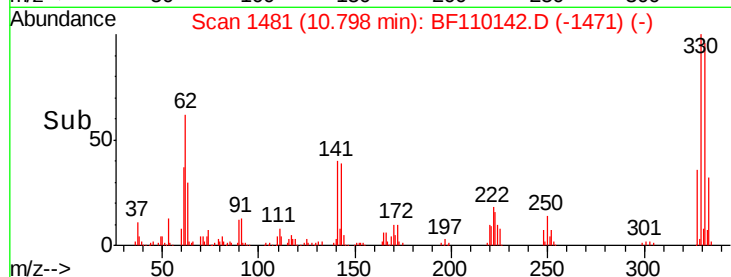
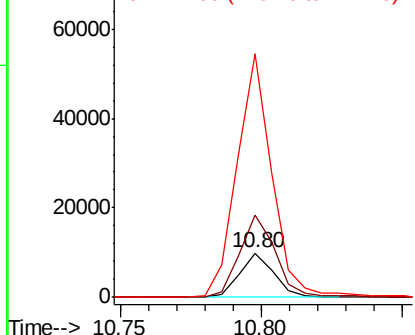
#67
4-Bromophenyl-phenylether
Concen: 2.594 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF110142.D
Acq: 25 Oct 2018 4:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8277
Ion Ratio Lower Upper
248 100
250 188.2 79.4 119.2#
141 553.3 55.9 83.9#

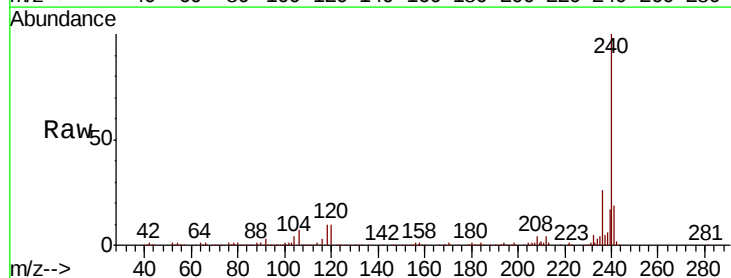


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

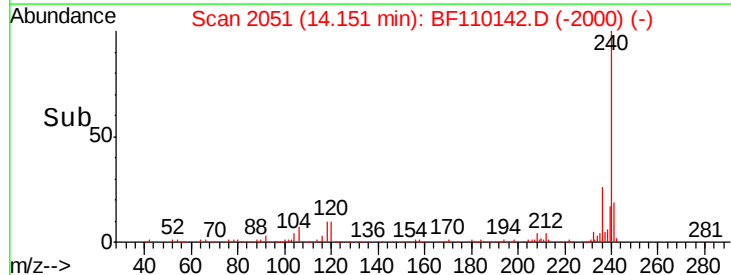
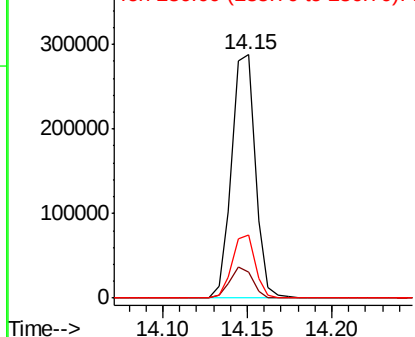


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF110142.D
Acq: 25 Oct 2018 4:37

Tgt Ion:240 Resp: 281708
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 26.1 21.2 31.8



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: 71.183 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF110142.D

Acq: 25 Oct 2018 4:37

Instrument :

BNA_F

ClientSampleId :

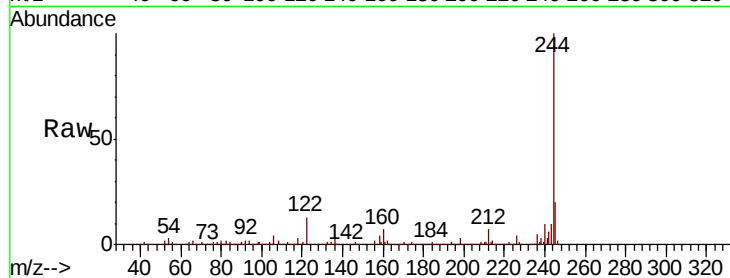
Tot Ion:244 Resp: 964213

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

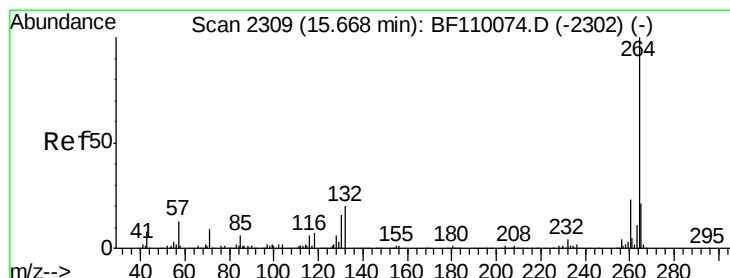
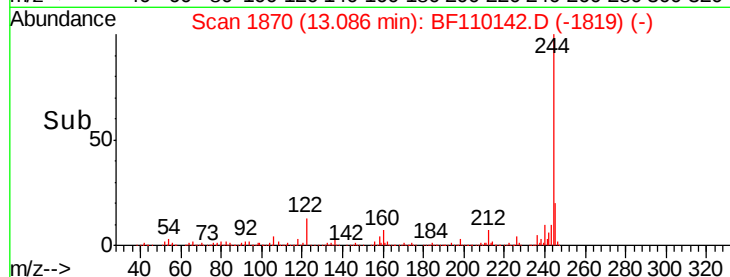
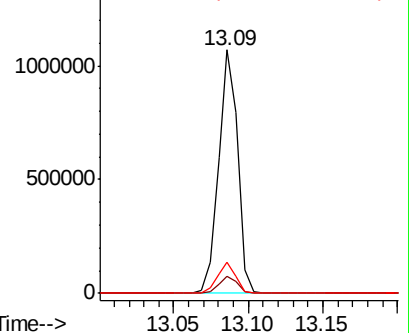
122 12.6 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110142.D

Acq: 25 Oct 2018 4:37

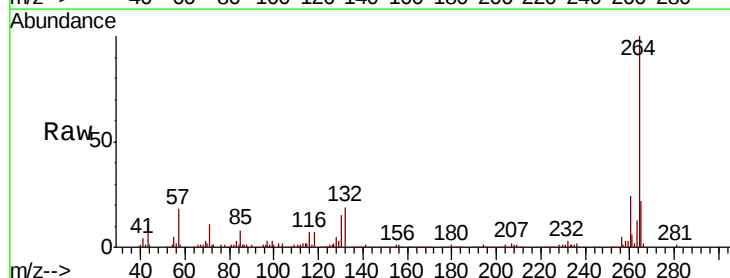
Tgt Ion:264 Resp: 200848

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.5 16.7 25.1



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

