

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115050.D
 Acq On : 14 Jun 2019 19:58
 Operator : HP/JU
 Sample : K3351-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:52:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

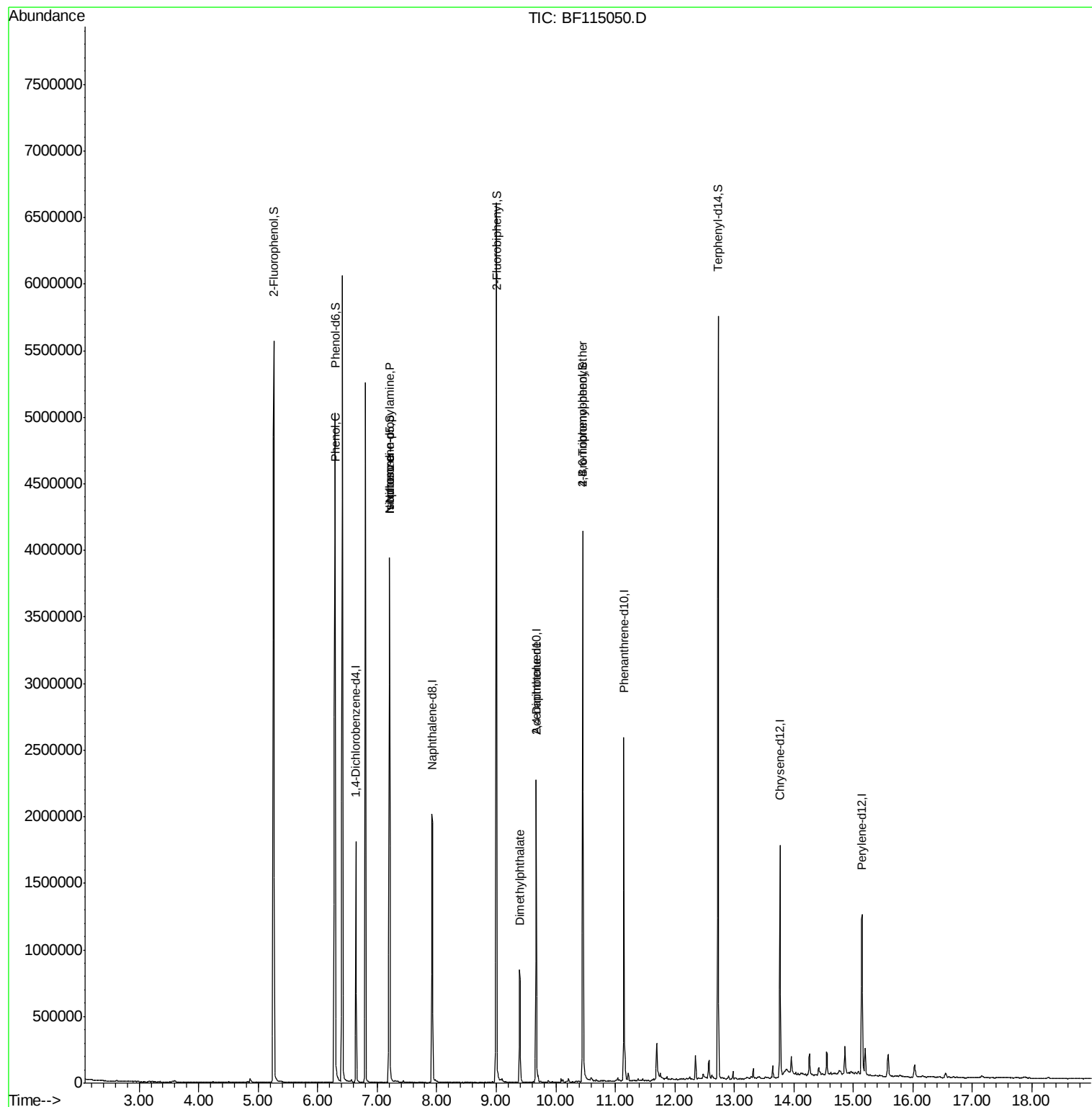
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	276760	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1063988	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	502274	20.00	ng	-0.01
64) Phenanthrene-d10	11.15	188	898131	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	582276	20.00	ng	-0.01
87) Perylene-d12	15.14	264	546743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1937611	116.90	ng	0.00
7) Phenol-d6	6.29	99	2455182	122.80	ng	0.00
23) Nitrobenzene-d5	7.21	82	1490712	84.33	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	549355	102.14	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2219049	74.88	ng	0.00
79) Terphenyl-d14	12.73	244	2063573	66.66	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	4039	Below Cal	#	1
10) Phenol	6.30	94	45410	2.030	ng	# 68
19) n-Nitroso-di-n-propylamine	7.21	70	198019	16.301	ng	# 76
25) Isophorone	7.21	82	1445594	43.664	ng	# 62
50) Dimethylphthalate	9.40	163	378731	10.026	ng	98
57) 2,4-Dinitrotoluene	9.67	165	65545	6.010	ng	# 29
58) Fluorene	10.22	166	8587	Below Cal	#	98
67) 4-Bromophenyl-phenylether	10.46	248	35647	3.697	ng	# 1

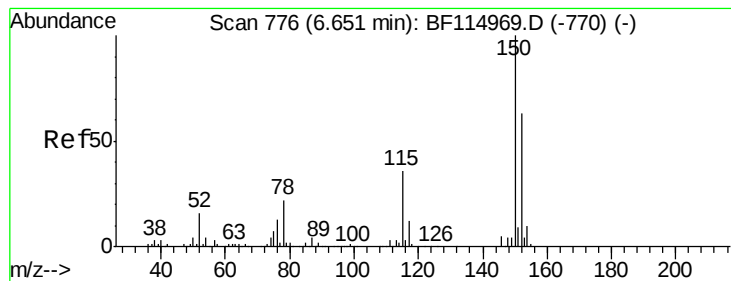
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115050.D
Acq On : 14 Jun 2019 19:58
Operator : HP/JU
Sample : K3351-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 15 04:52:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

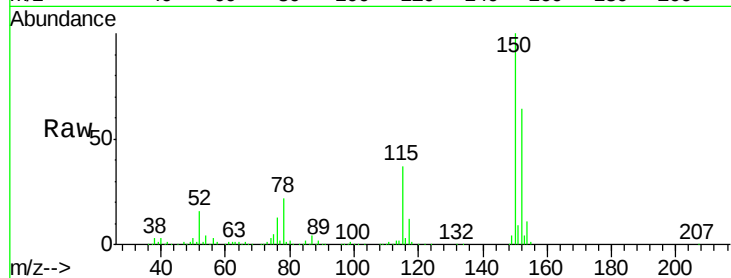




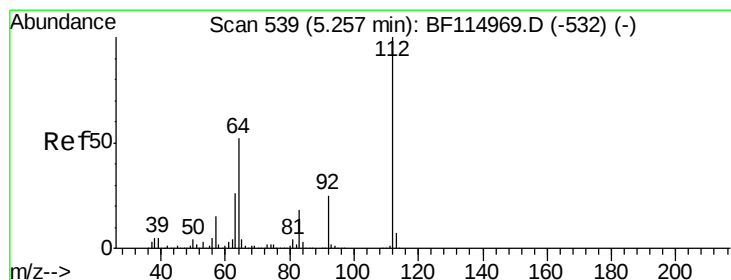
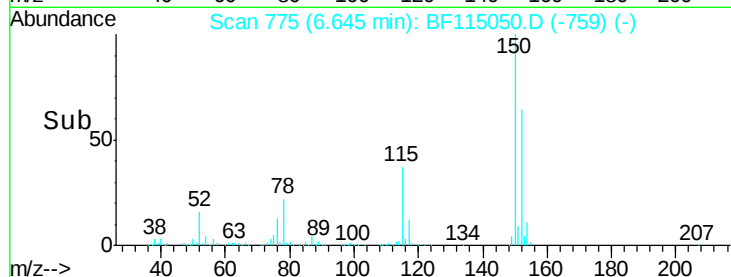
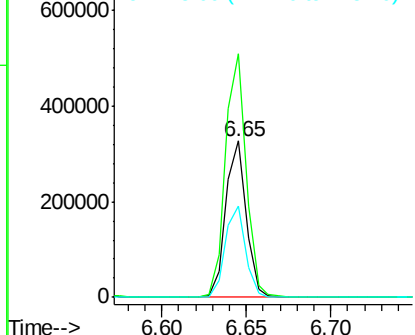
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115050.D
 Acq: 14 Jun 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	58.3	46.0	69.0

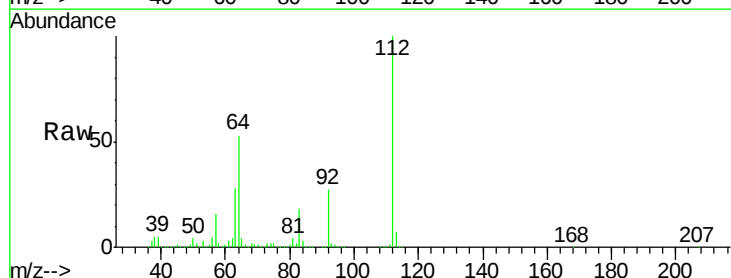


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

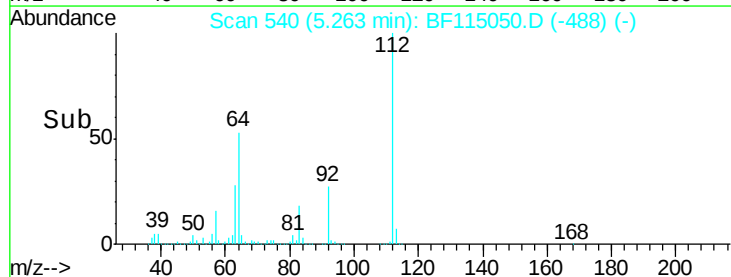
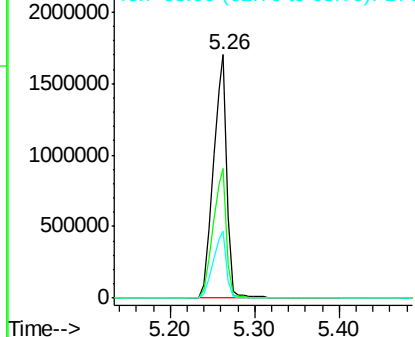


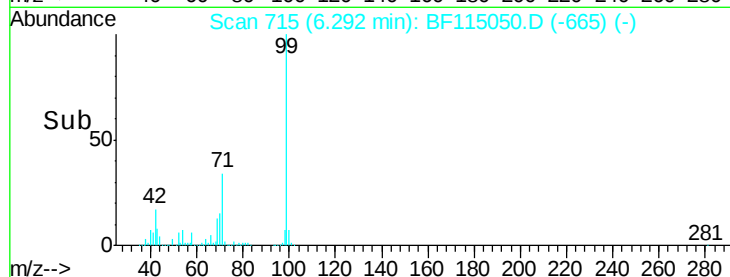
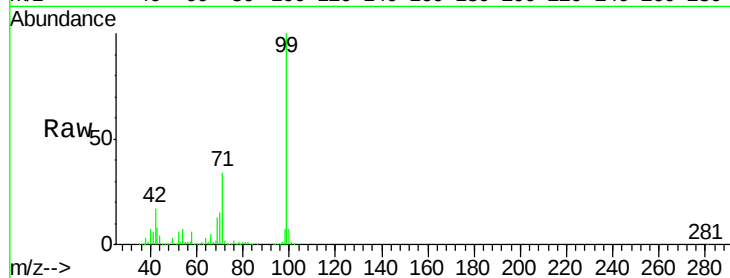
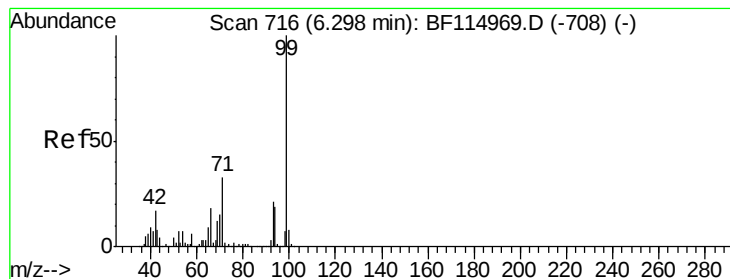
#5
 2-Fluorophenol
 Concen: 116.903 ng
 RT: 5.26 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: BF115050.D
 Acq: 14 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	41.6	62.4
63	27.8	20.9	31.3



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: 122.798 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115050.D

Acq: 14 Jun 2019 19:58

Instrument :

BNA_F

ClientSampled :

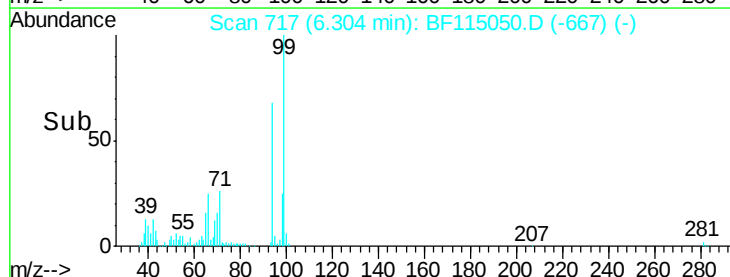
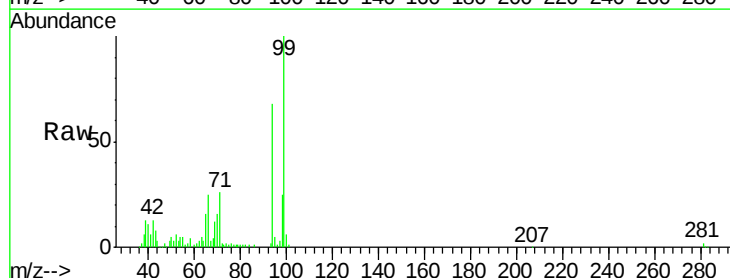
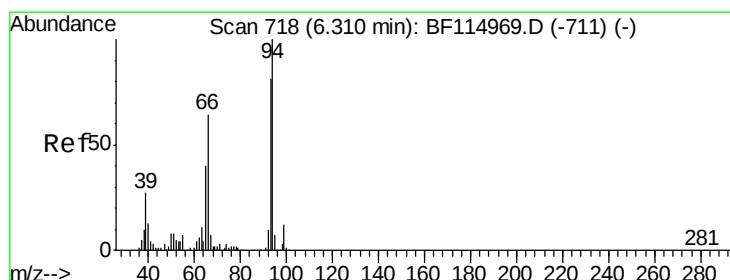
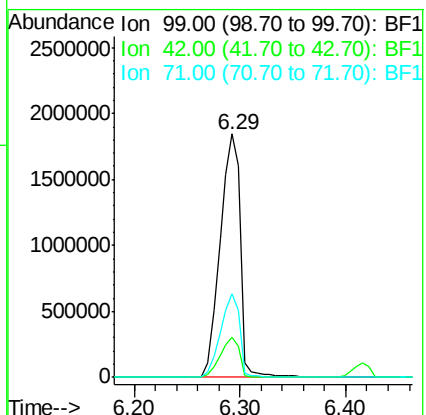
Tot Ion: 99 Resp: 2455182

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.2

71 34.5 26.4 39.6



#10

Phenol

Concen: 2.030 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115050.D

Acq: 14 Jun 2019 19:58

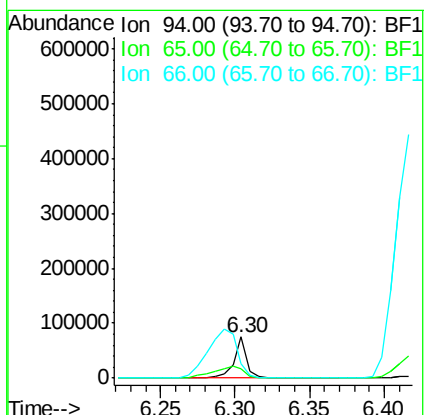
Tgt Ion: 94 Resp: 45410

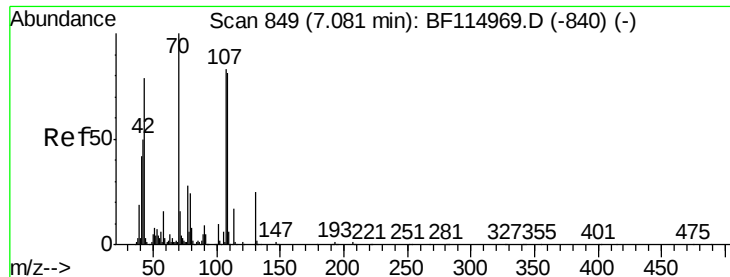
Ion Ratio Lower Upper

94 100

65 23.8 20.0 60.0

66 35.9 44.1 84.1#

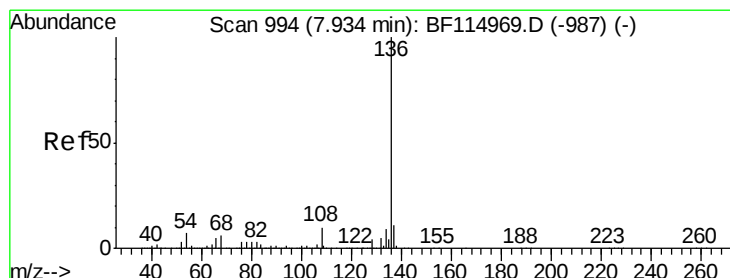
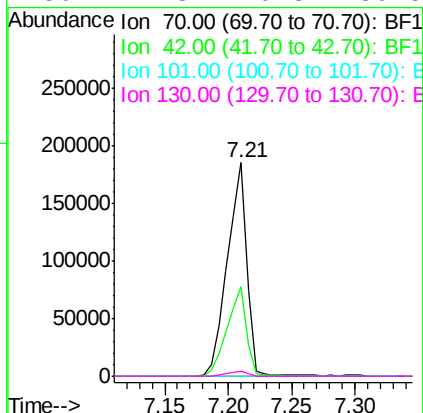
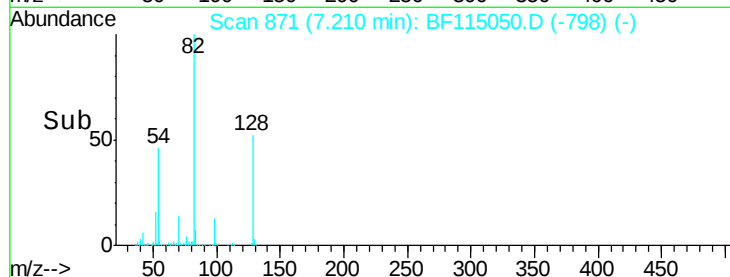
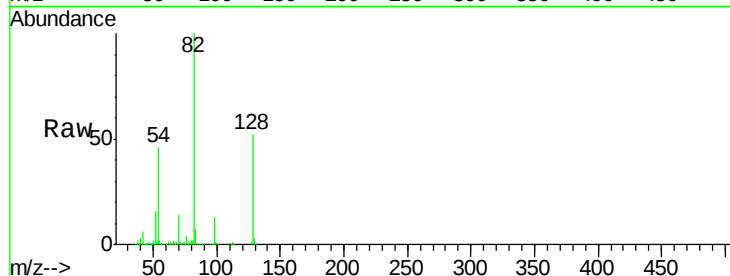




#19
n-Nitroso-di-n-propylamine
Concen: 16.301 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF115050.D
Acq: 14 Jun 2019 19:58

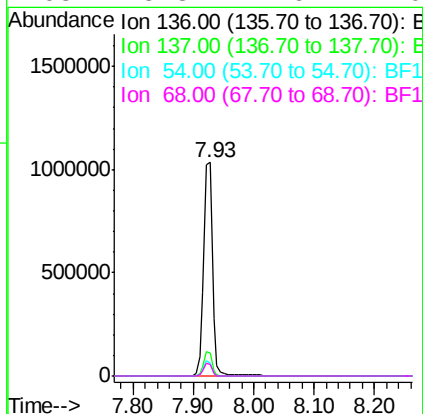
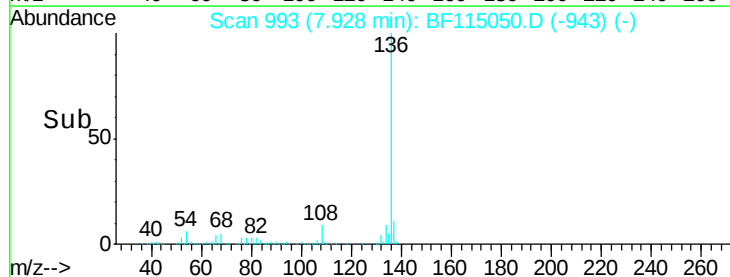
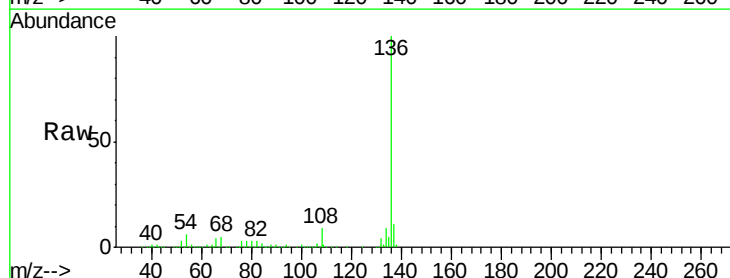
Instrument :
BNA_F
ClientSampled :

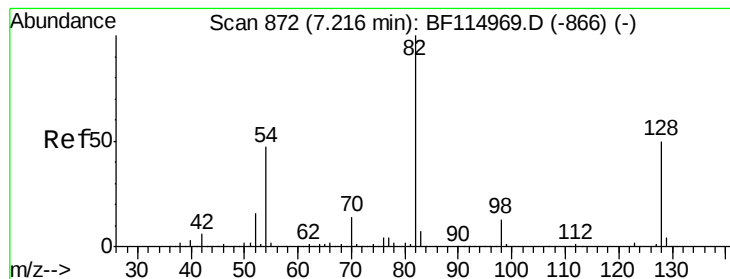
Tot Ion: 70 Resp: 198019
Ion Ratio Lower Upper
70 100
42 41.9 40.3 60.5
101 0.0 8.2 12.4#
130 2.3 20.3 30.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115050.D
Acq: 14 Jun 2019 19:58

Tgt Ion:136 Resp: 1063988
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.0 5.4 8.0
68 5.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 84.333 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115050.D

Acq: 14 Jun 2019 19:58

Instrument :

BNA_F

ClientSampled :

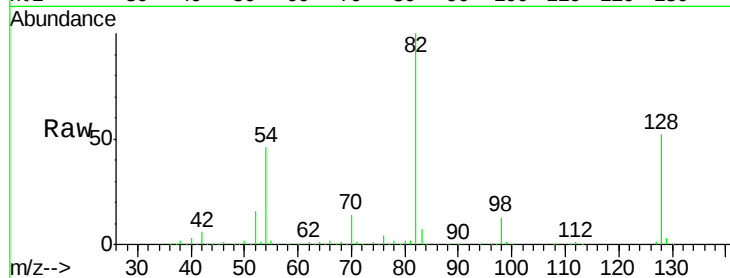
Tot Ion: 82 Resp: 1490712

Ion Ratio Lower Upper

82 100

128 51.9 39.9 59.9

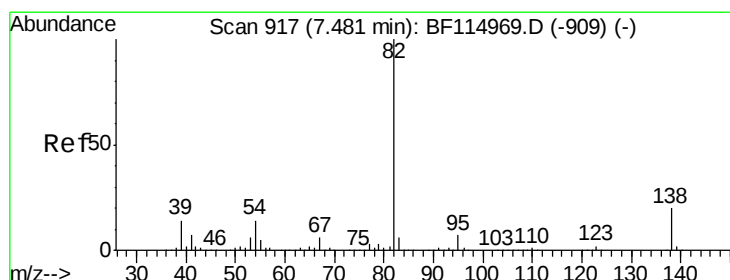
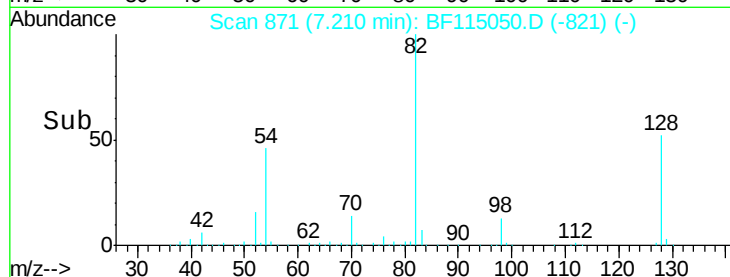
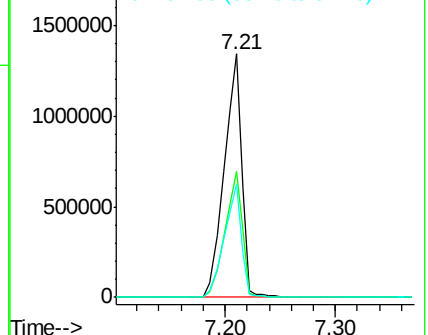
54 46.3 37.3 55.9



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: 43.664 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115050.D

Acq: 14 Jun 2019 19:58

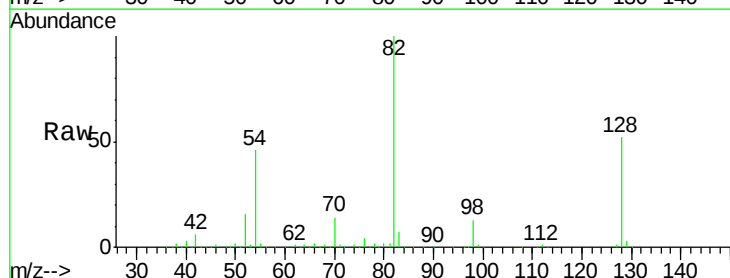
Tgt Ion: 82 Resp: 1445594

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

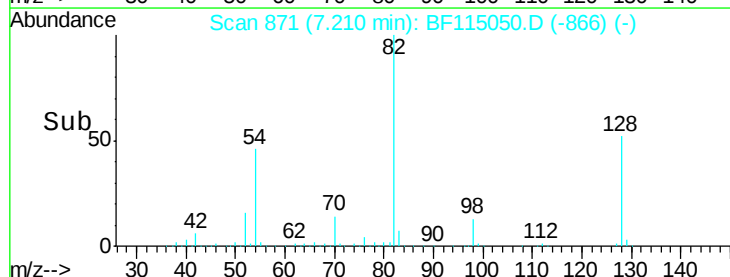
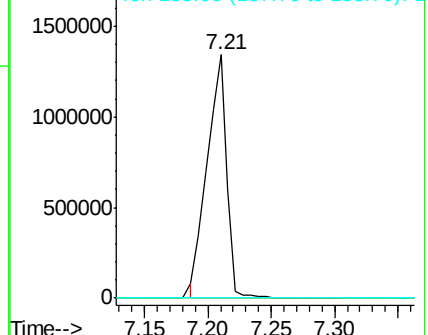
138 0.0 16.1 24.1#

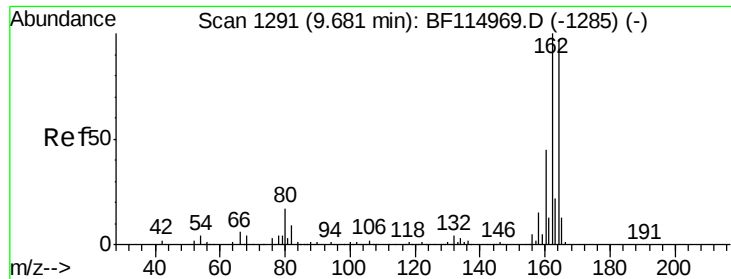


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

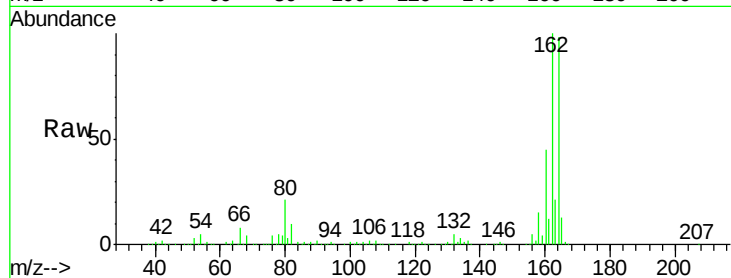




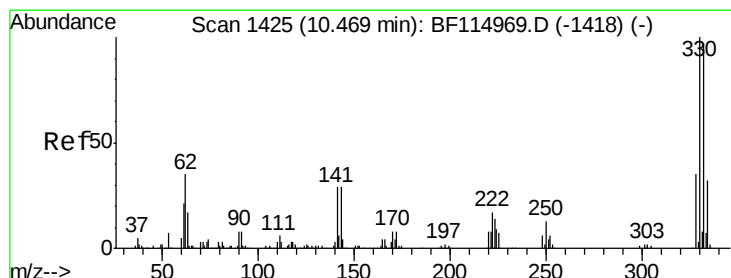
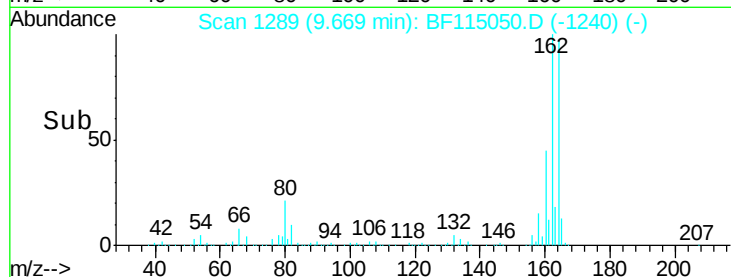
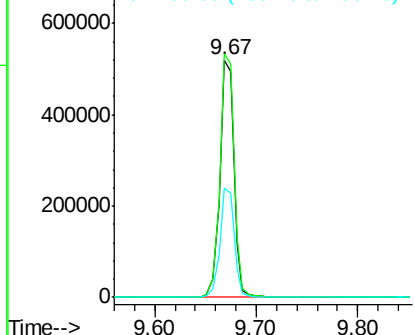
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF115050.D
Acq: 14 Jun 2019 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 502274
Ion Ratio Lower Upper
164 100
162 102.5 82.6 124.0
160 45.8 36.9 55.3

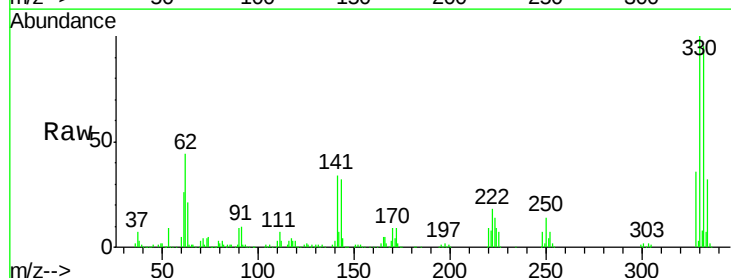


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

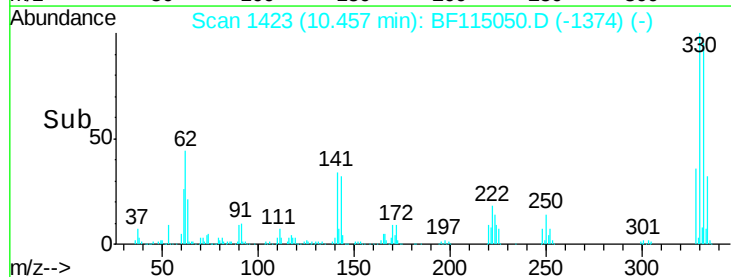
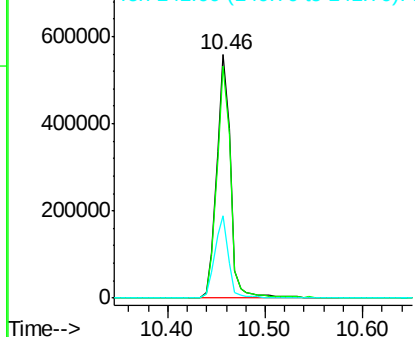


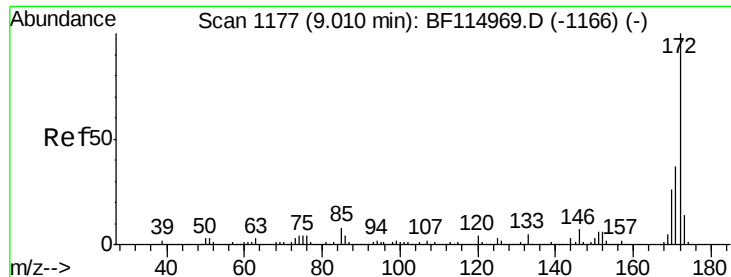
#42
2,4,6-Tribromophenol
Concen: 102.136 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115050.D
Acq: 14 Jun 2019 19:58

Tgt Ion:330 Resp: 549355
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 33.6 27.2 40.8



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

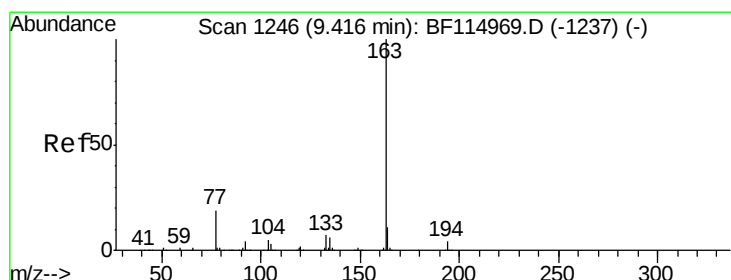
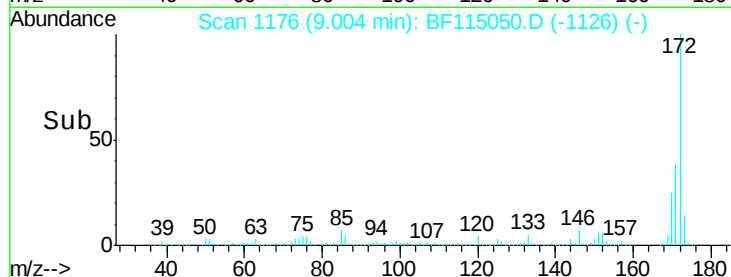
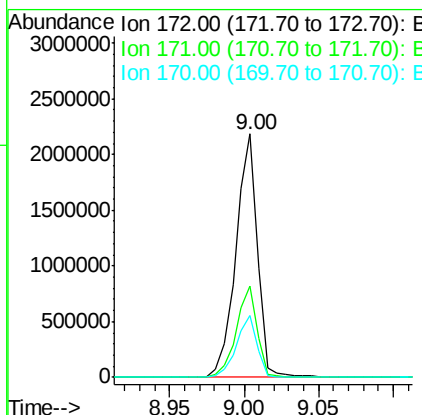
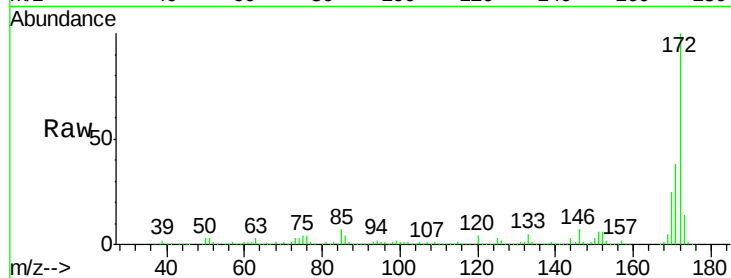




#45
2-Fluorobiphenyl
Concen: 74.878 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115050.D
Acq: 14 Jun 2019 19:58

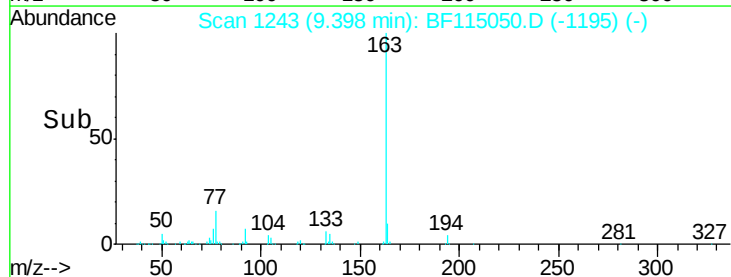
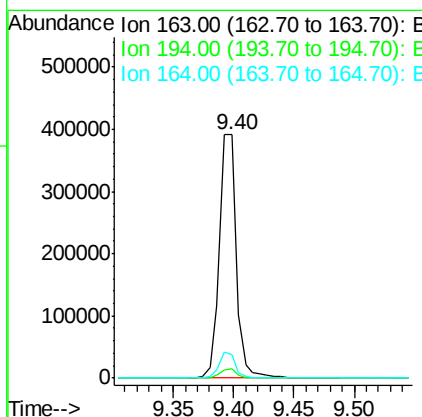
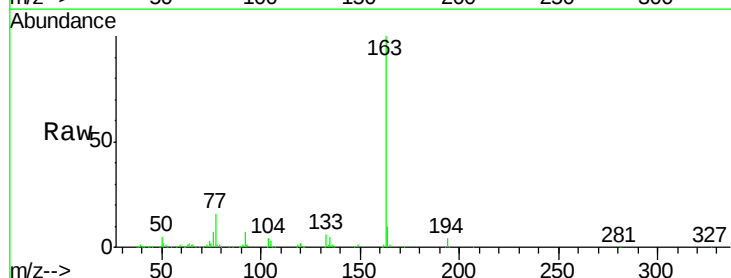
Instrument :
BNA_F
ClientSampled :

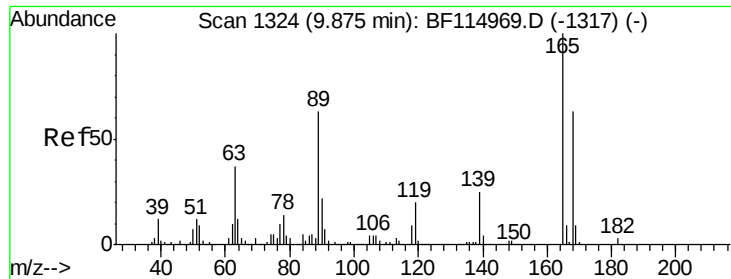
Tot Ion:172 Resp: 2219049
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.4 20.6 31.0



#50
Dimethylphthalate
Concen: 10.026 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115050.D
Acq: 14 Jun 2019 19:58

Tgt Ion:163 Resp: 378731
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.6 8.6 12.8

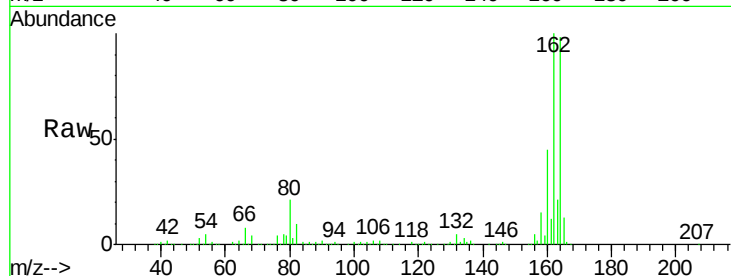




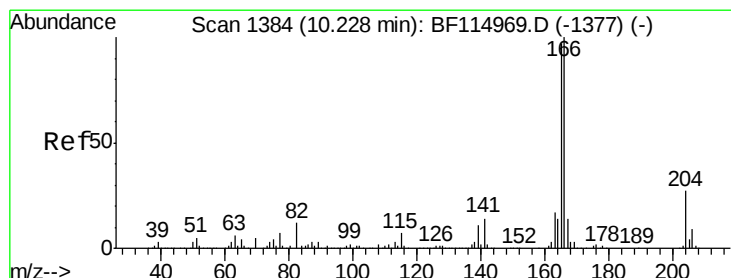
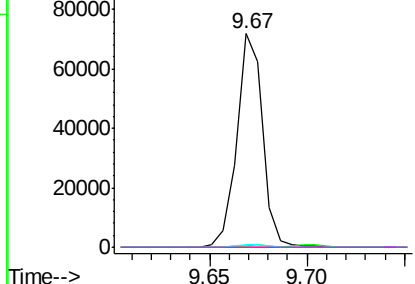
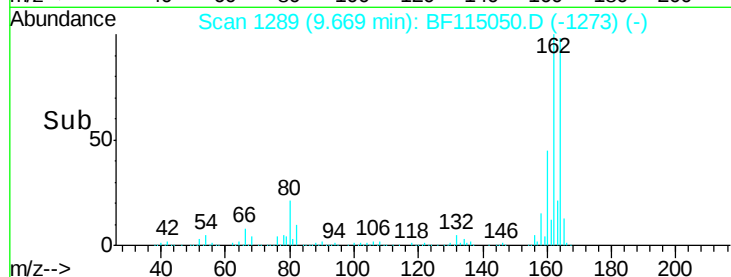
#57
 2,4-Dinitrotoluene
 Concen: 6.010 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.21 min
 Lab File: BF115050.D
 Acq: 14 Jun 2019 19:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	65545
Ion Ratio	Lower	Upper	
165	100		
63	0.8	29.4	44.2#
89	1.2	50.6	75.8#
182	0.0	2.2	3.2#

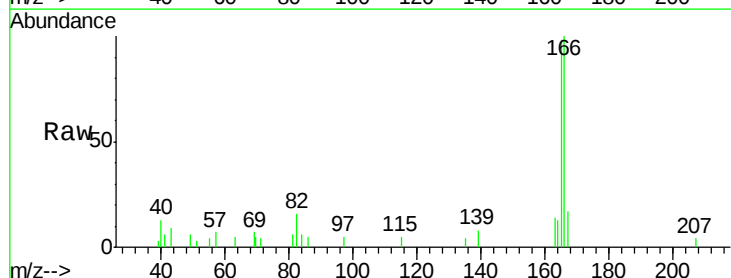


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

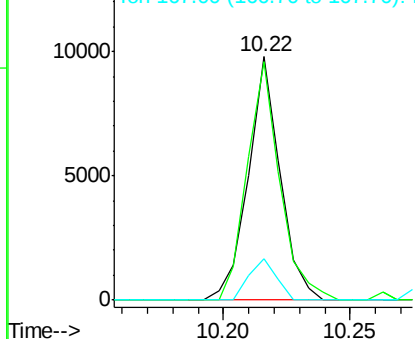
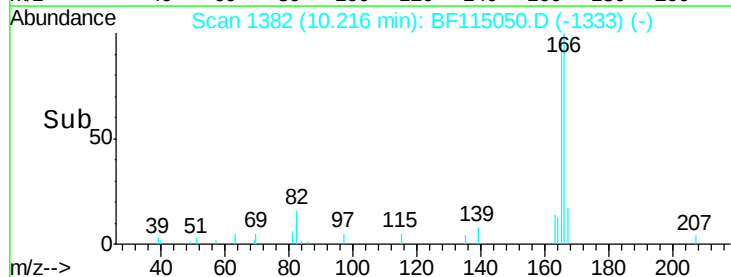


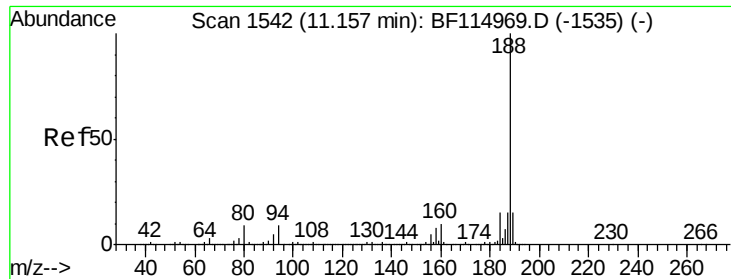
#58
 Fluorene
 Concen: Below Cal
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF115050.D
 Acq: 14 Jun 2019 19:58

Tgt Ion:	166	Resp:	8587
Ion Ratio	Lower	Upper	
166	100		
165	98.0	77.6	116.4
167	17.0	11.0	16.4#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115050.D

Acq: 14 Jun 2019 19:58

Instrument :

BNA_F

ClientSampleId :

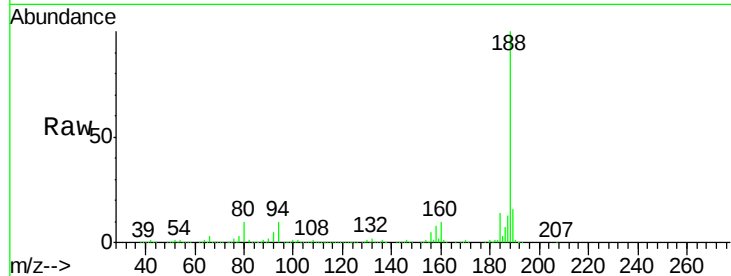
Tot Ion:188 Resp: 898131

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

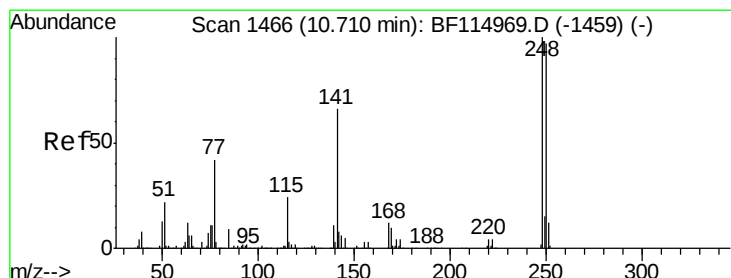
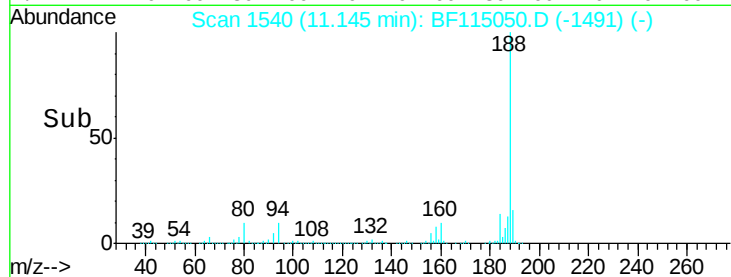
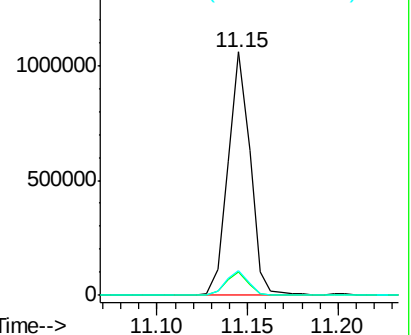
80 10.3 7.4 11.2



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: 3.697 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.25 min

Lab File: BF115050.D

Acq: 14 Jun 2019 19:58

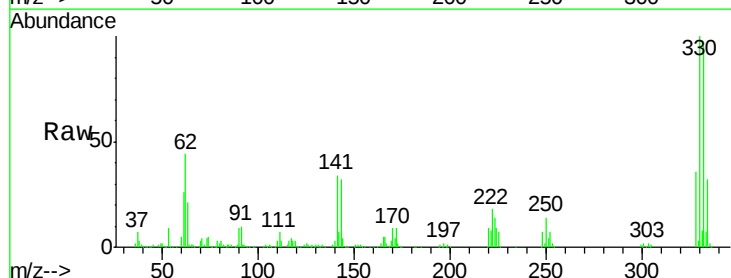
Tgt Ion:248 Resp: 35647

Ion Ratio Lower Upper

248 100

250 204.9 77.8 116.8#

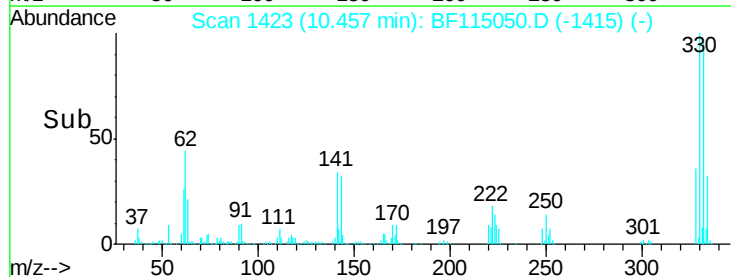
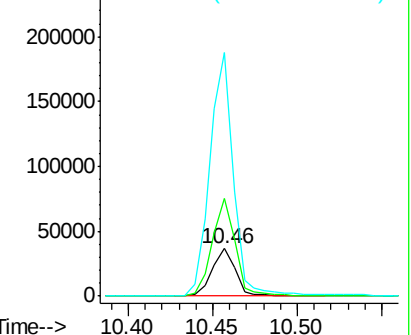
141 510.0 53.1 79.7#

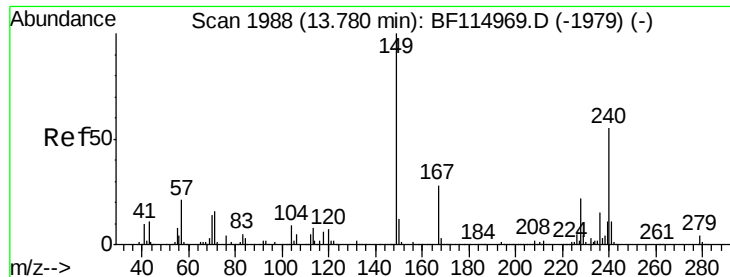


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

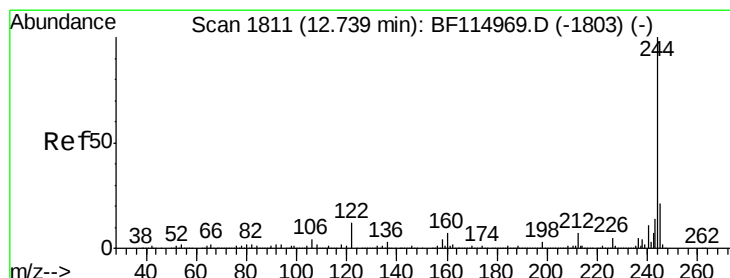
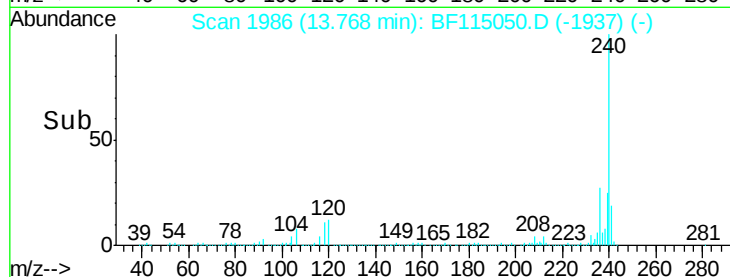
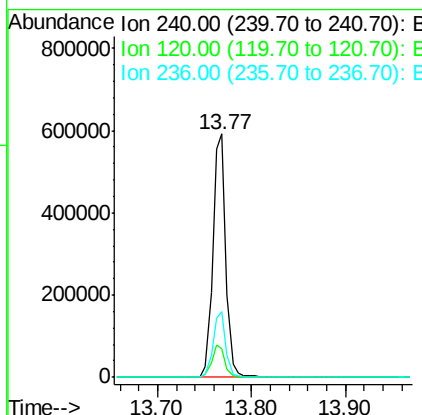
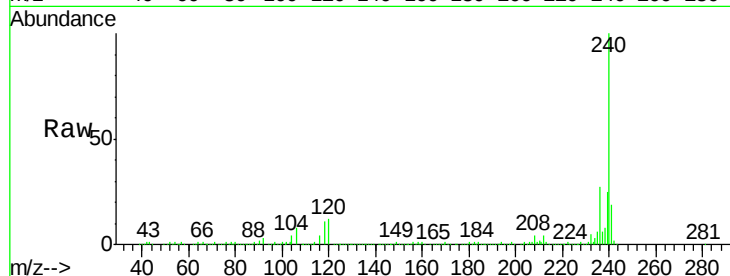




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115050.D
 Acq: 14 Jun 2019 19:58

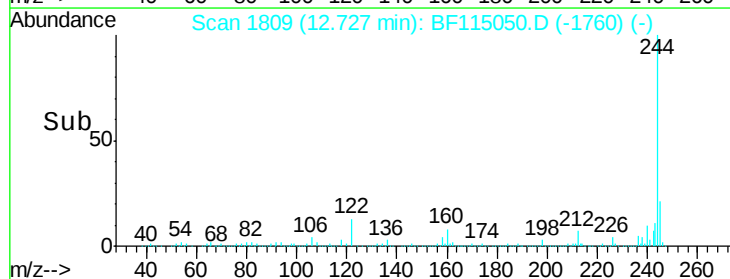
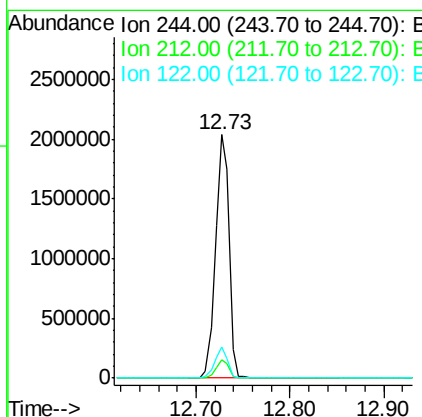
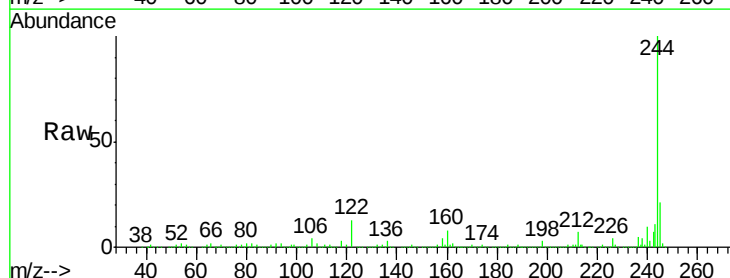
Instrument :
 BNA_F
 ClientSampleId :

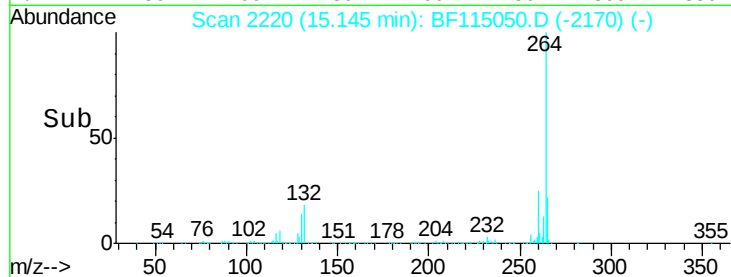
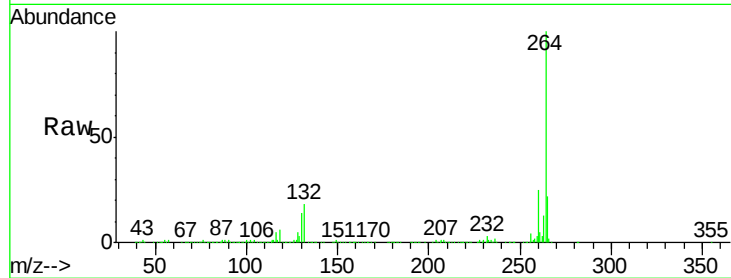
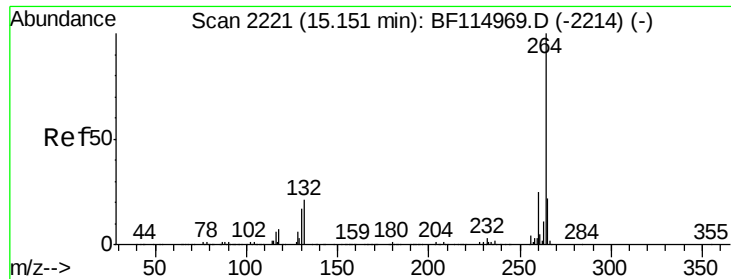
Tot Ion:240 Resp: 582276
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.0 15.0
 236 26.9 21.6 32.4



#79
 Terphenyl-d14
 Concen: 66.658 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF115050.D
 Acq: 14 Jun 2019 19:58

Tgt Ion:244 Resp: 2063573
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.8 9.4 14.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115050.D
 Acq: 14 Jun 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	21.5	17.6	26.4

