

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115051.D
 Acq On : 14 Jun 2019 20:25
 Operator : HP/JU
 Sample : K3361-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:52:36 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

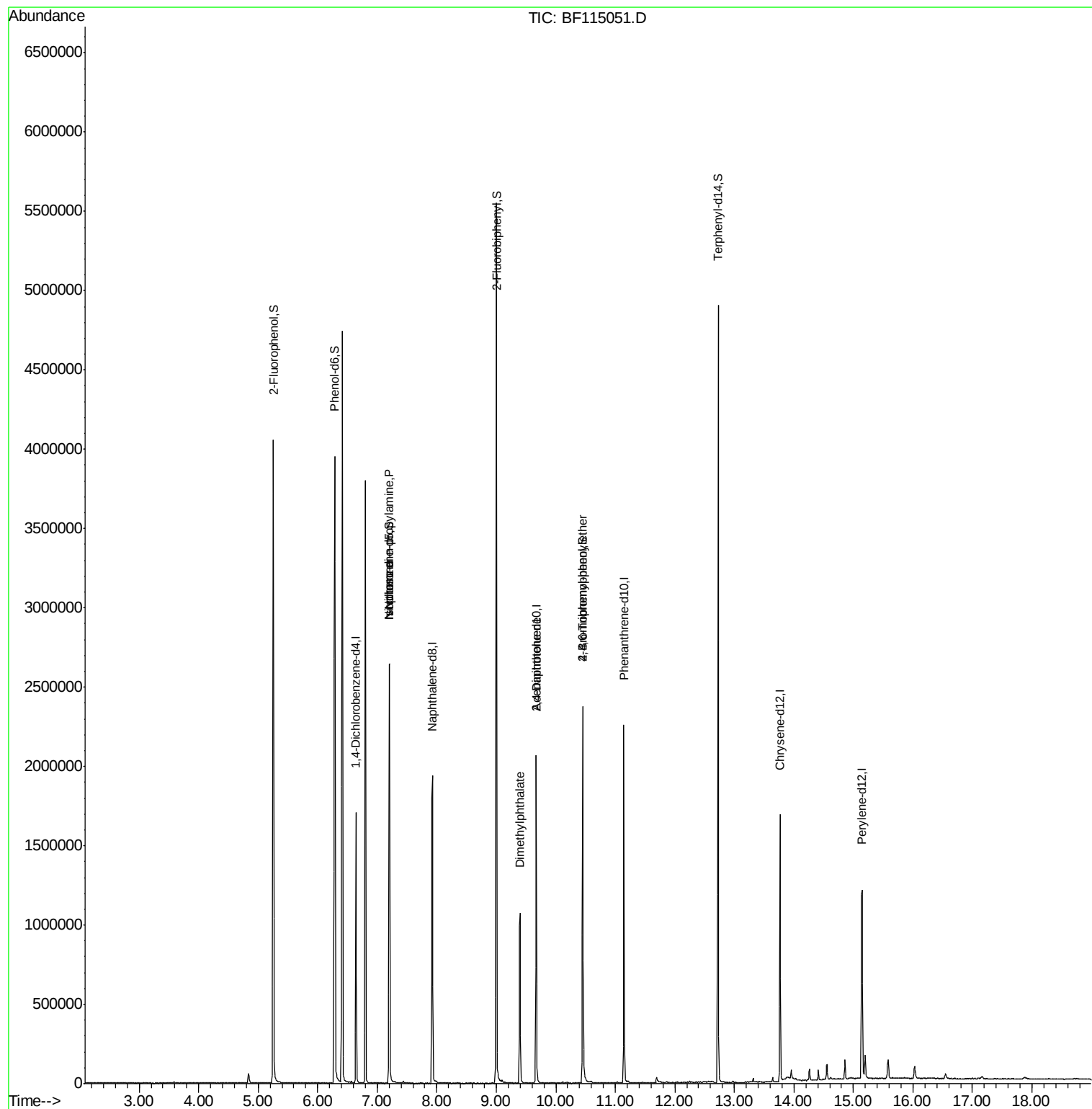
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	264057	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1007505	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	453826	20.00	ng	-0.01
64) Phenanthrene-d10	11.15	188	812125	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	560836	20.00	ng	-0.01
87) Perylene-d12	15.14	264	538180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1328737	84.02	ng	0.00
7) Phenol-d6	6.29	99	1656336	86.83	ng	-0.01
23) Nitrobenzene-d5	7.21	82	993578	59.36	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	343006	70.58	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	1849158	69.06	ng	0.00
79) Terphenyl-d14	12.73	244	1686657	56.57	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	2526	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.20	70	128905	11.122 ng	#	77
25) Isophorone	7.21	82	967301	30.856 ng	#	62
50) Dimethylphthalate	9.40	163	494131	14.478 ng		99
57) 2,4-Dinitrotoluene	9.67	165	58637	5.951 ng	#	29
58) Fluorene	10.45	166	16181	Below Cal	#	86
67) 4-Bromophenyl-phenylether	10.46	248	21878	2.509 ng	#	1

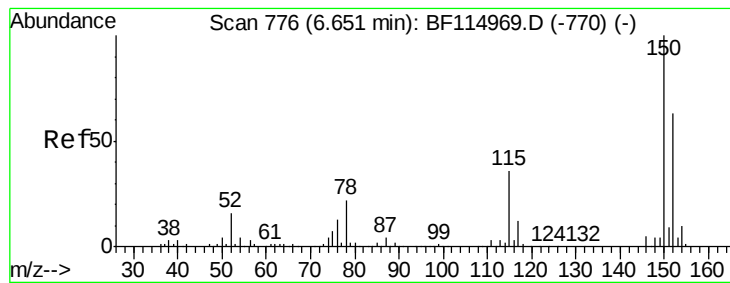
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



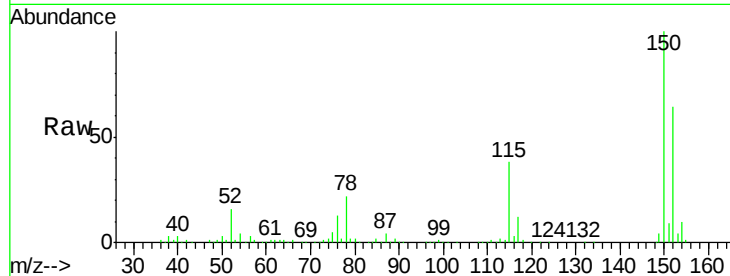


#1

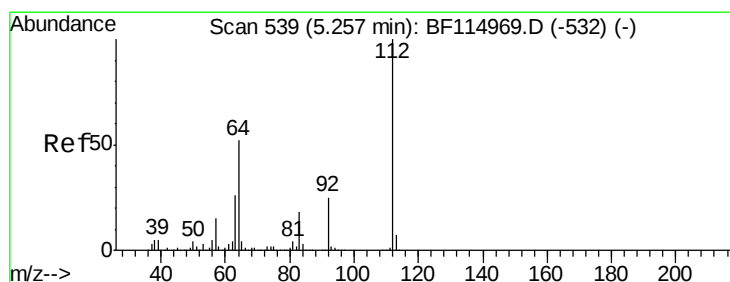
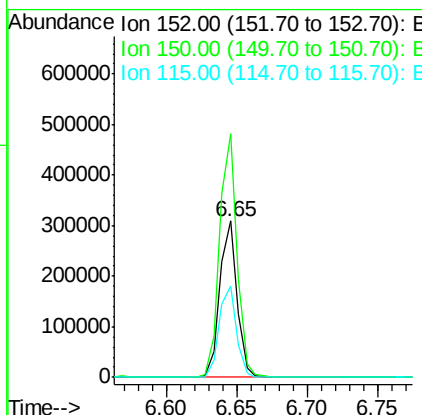
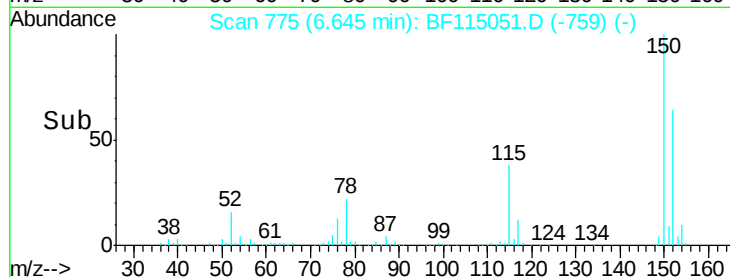
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115051.D
Acq: 14 Jun 2019 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	58.7	46.0	69.0



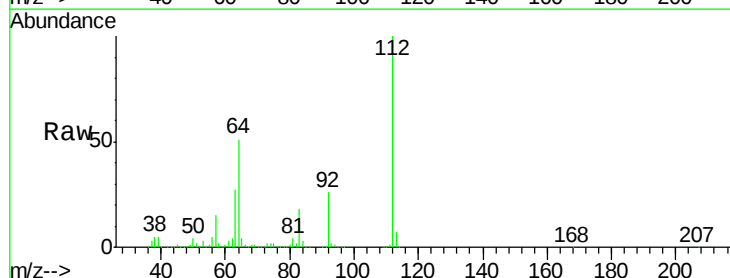
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



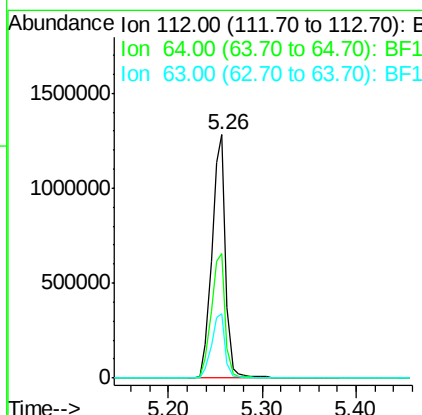
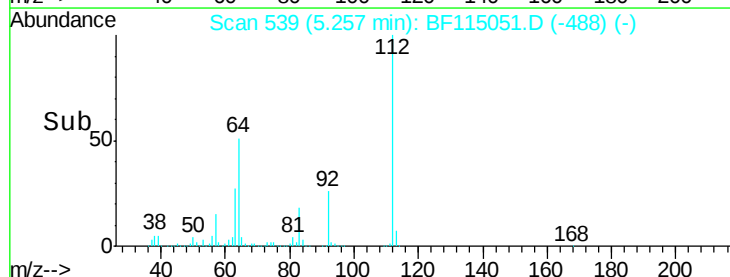
#5

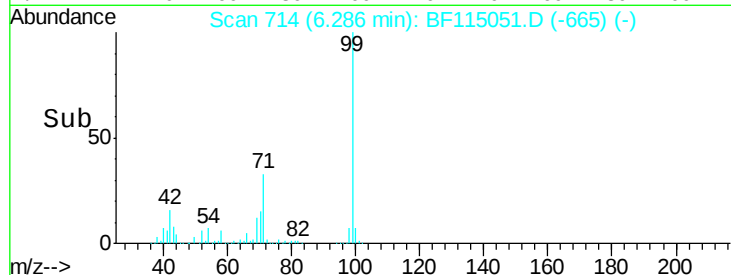
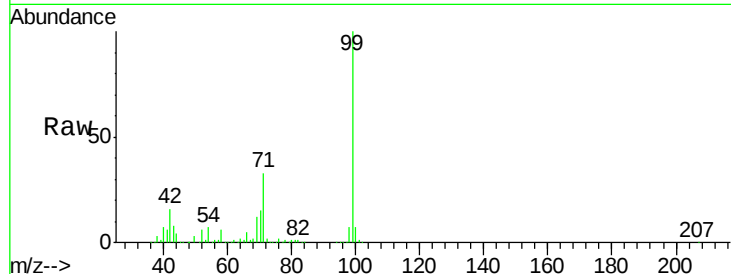
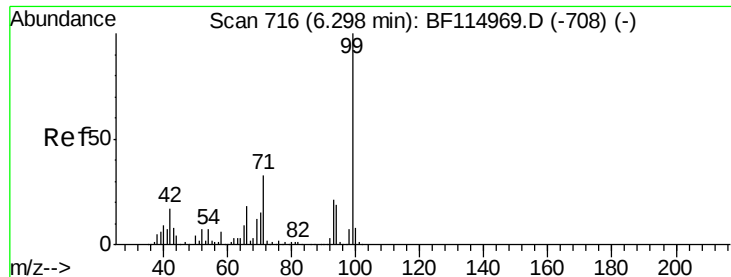
2-Fluorophenol
Concen: 84.024 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF115051.D
Acq: 14 Jun 2019 20:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.6	62.4
63	26.7	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: 86.828 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115051.D

Acq: 14 Jun 2019 20:25

Instrument :

BNA_F

ClientSampleId :

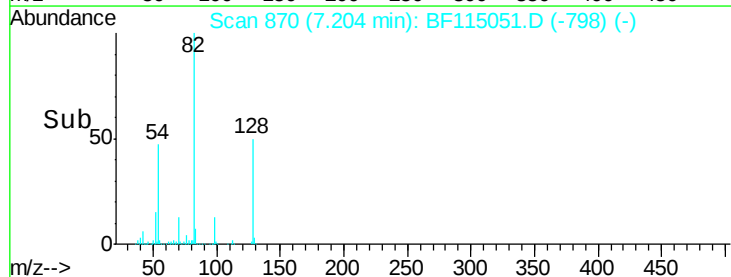
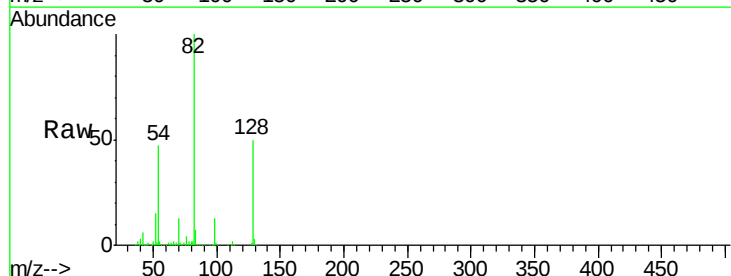
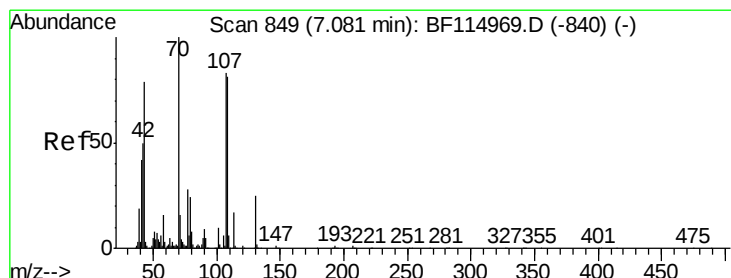
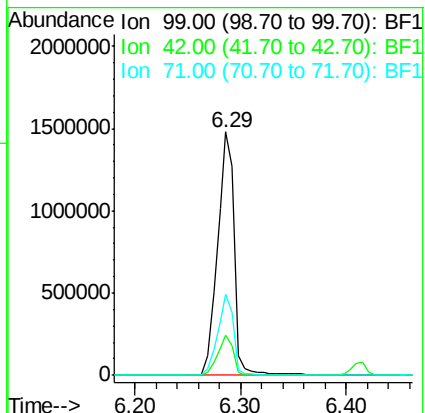
Tot Ion: 99 Resp: 1656336

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.2

71 33.2 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.122 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.12 min

Lab File: BF115051.D

Acq: 14 Jun 2019 20:25

Tgt Ion: 70 Resp: 128905

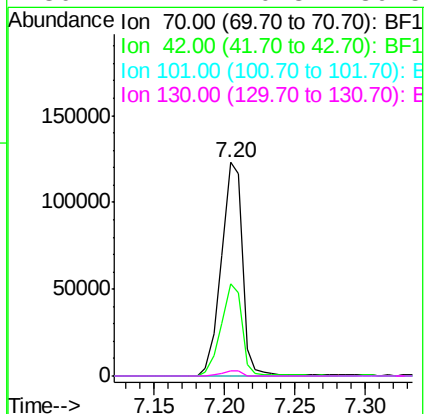
Ion Ratio Lower Upper

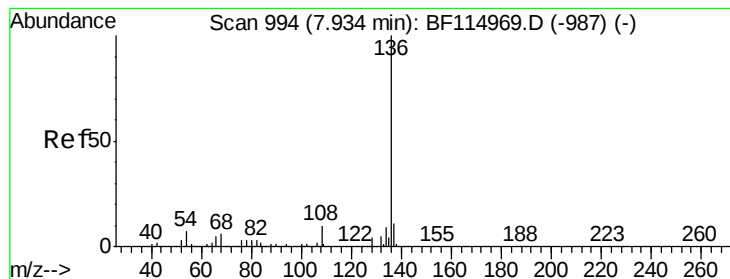
70 100

42 43.2 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 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: BF115051.D

Acq: 14 Jun 2019 20:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1007505

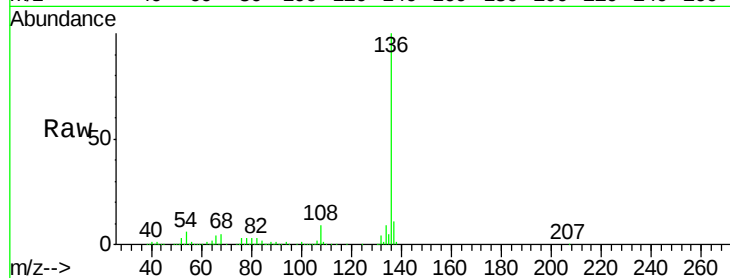
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.8 5.4 8.0

68 5.2 4.6 7.0

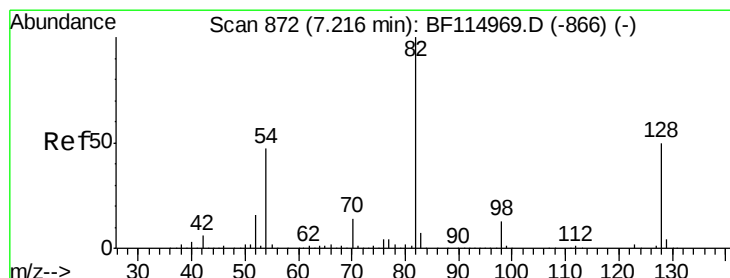
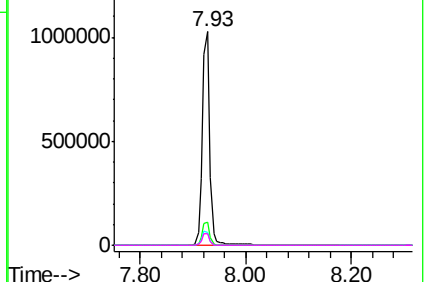
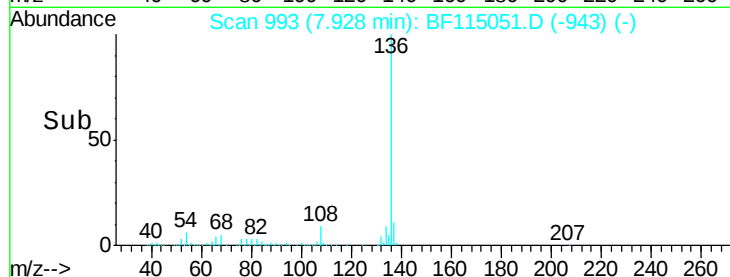


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.360 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115051.D

Acq: 14 Jun 2019 20:25

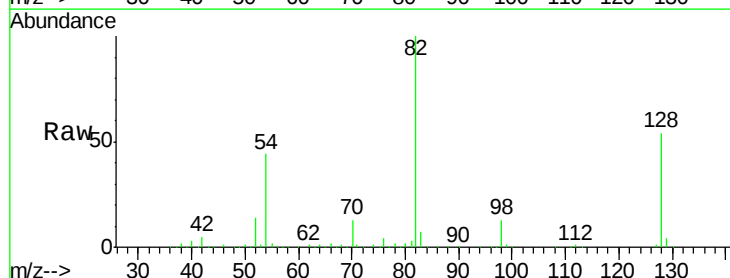
Tgt Ion: 82 Resp: 993578

Ion Ratio Lower Upper

82 100

128 54.1 39.9 59.9

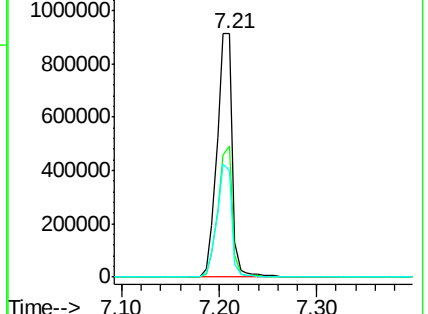
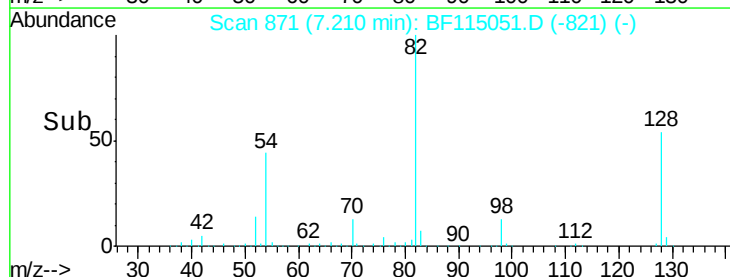
54 43.9 37.3 55.9

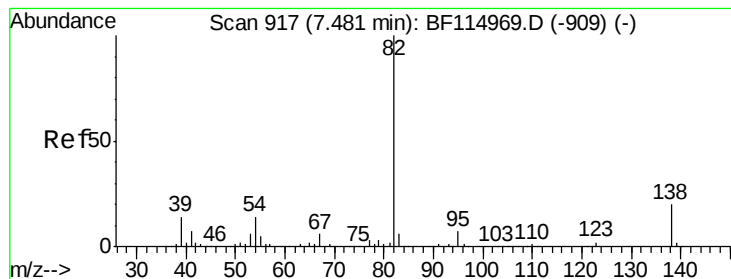


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.856 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115051.D

Acq: 14 Jun 2019 20:25

Instrument :

BNA_F

ClientSampled :

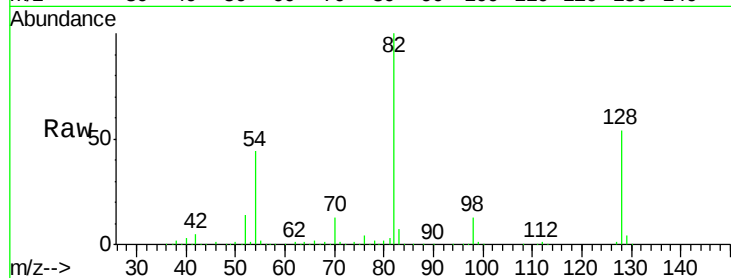
Tot Ion: 82 Resp: 967301

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

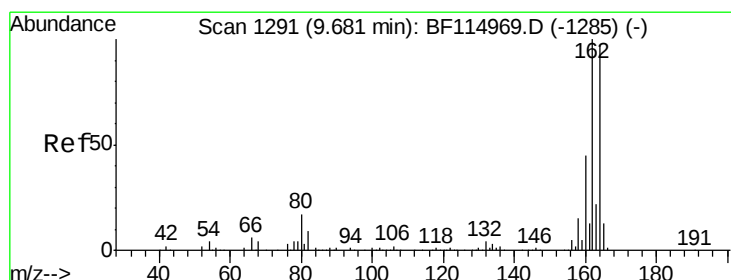
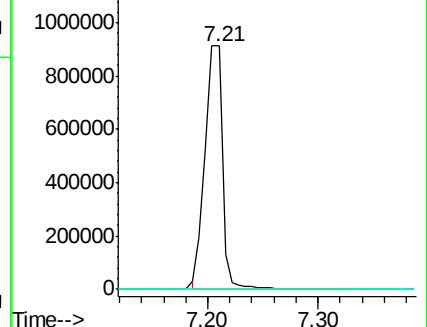
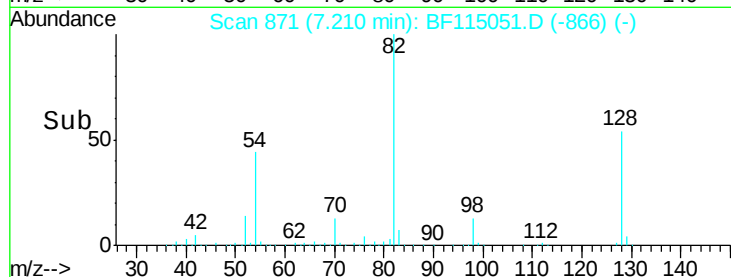
138 0.0 16.1 24.1#



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: BF115051.D

Acq: 14 Jun 2019 20:25

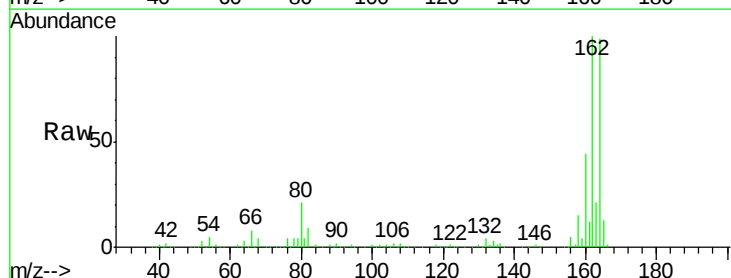
Tgt Ion:164 Resp: 453826

Ion Ratio Lower Upper

164 100

162 100.5 82.6 124.0

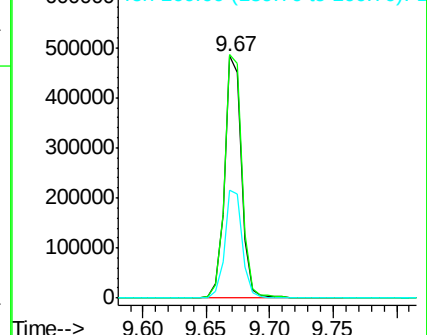
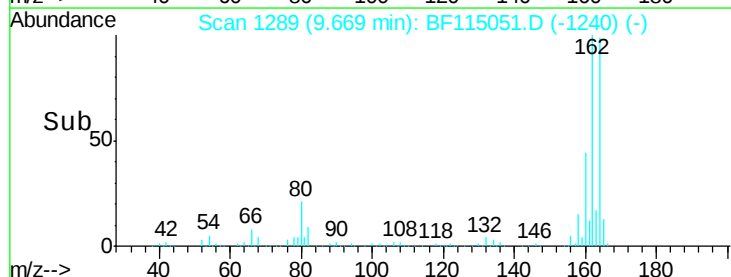
160 44.4 36.9 55.3

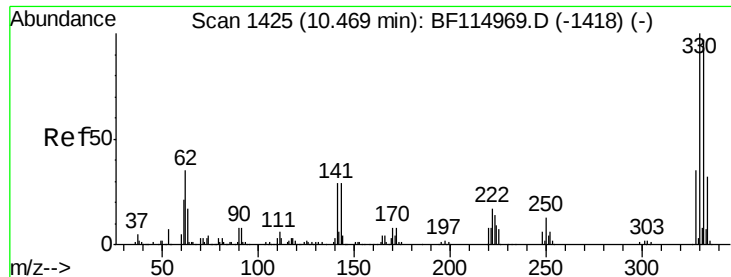


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

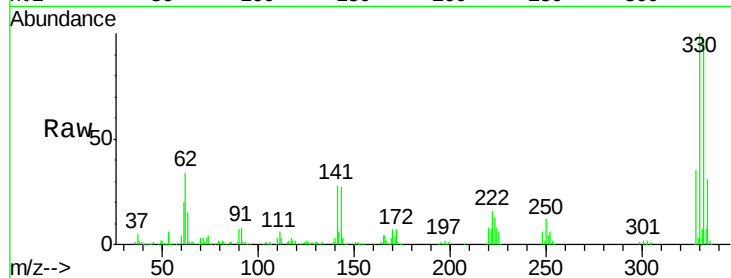




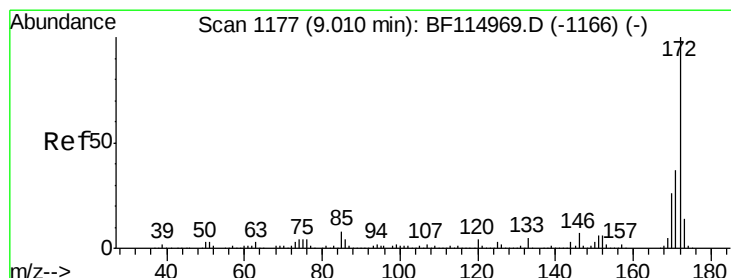
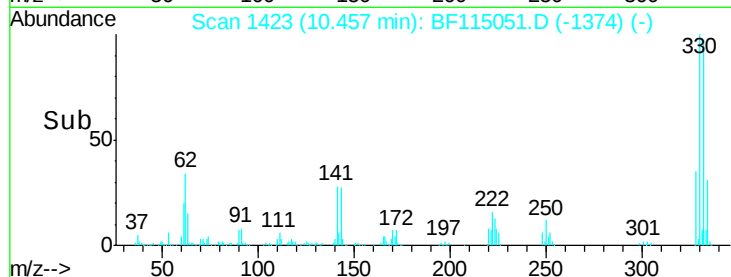
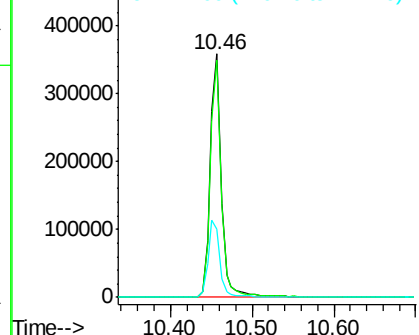
#42
 2,4,6-Tribromophenol
 Concen: 70.580 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115051.D
 Acq: 14 Jun 2019 20:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	33.5	27.2	40.8

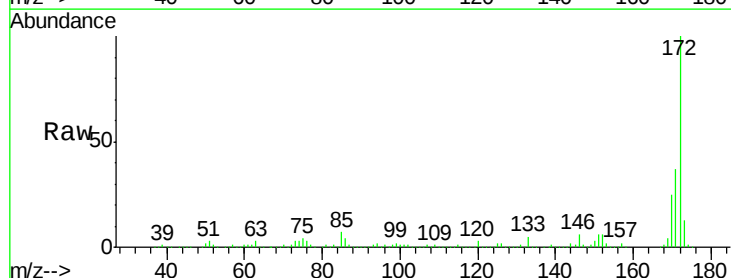


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

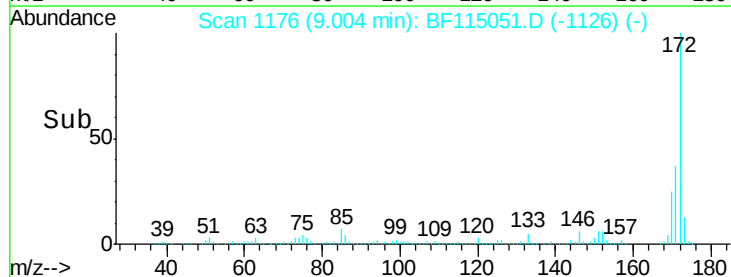
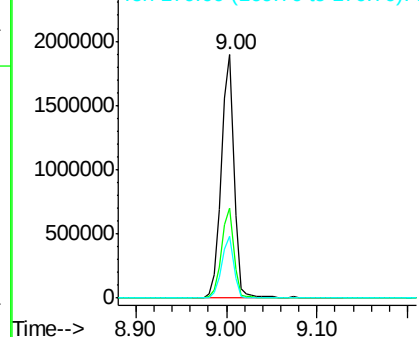


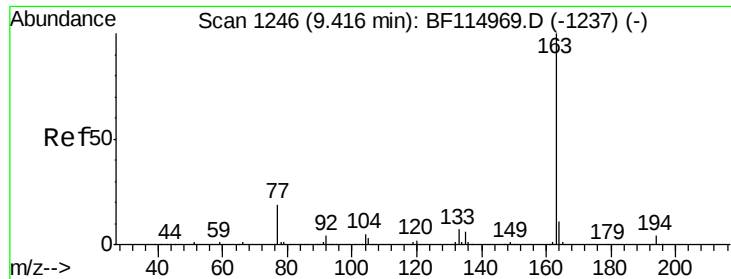
#45
 2-Fluorobiphenyl
 Concen: 69.058 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115051.D
 Acq: 14 Jun 2019 20:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.2	20.6	31.0



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

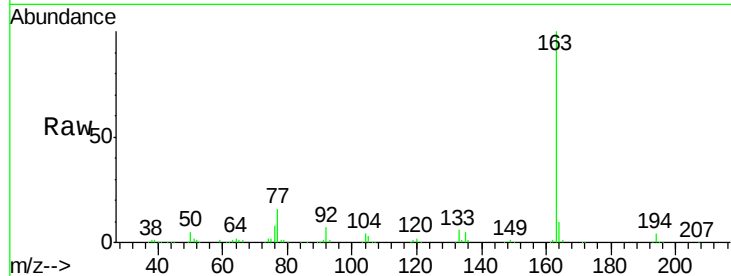




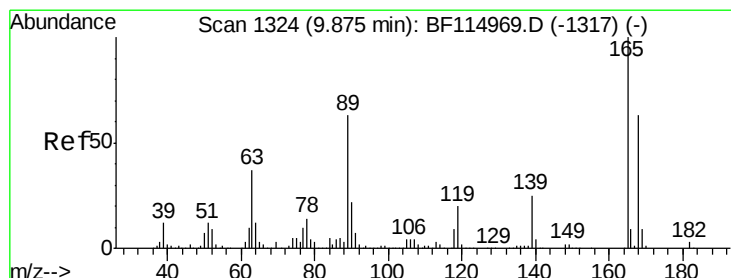
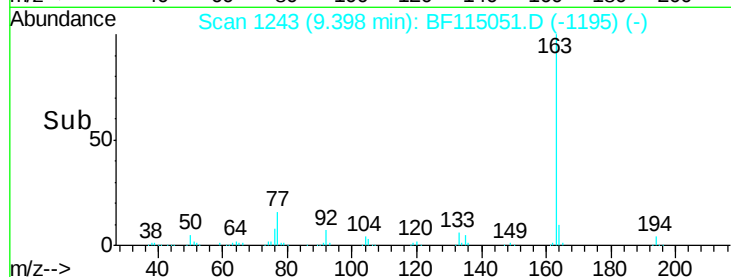
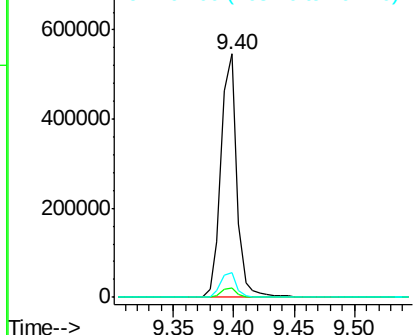
#50
Dimethylphthalate
Concen: 14.478 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115051.D
Acq: 14 Jun 2019 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 494131
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.6 12.8

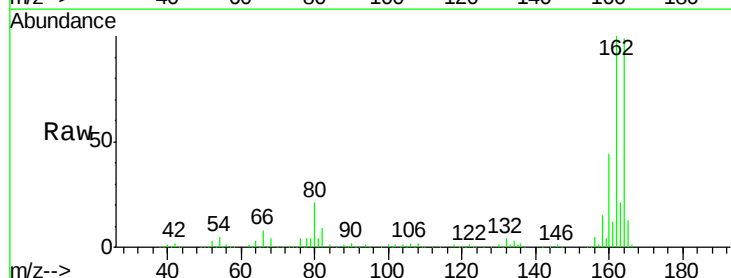


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

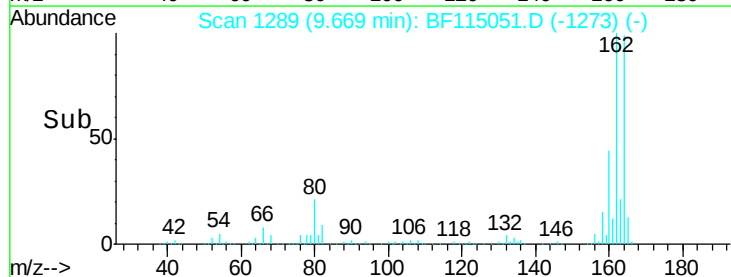
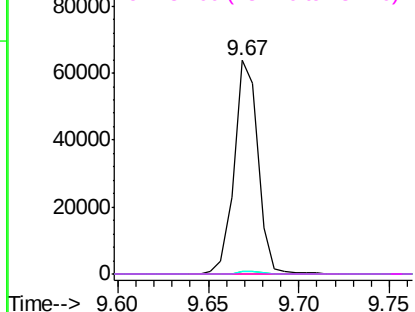


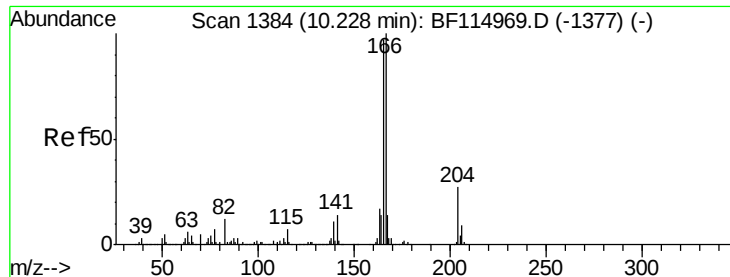
#57
2,4-Dinitrotoluene
Concen: 5.951 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.21 min
Lab File: BF115051.D
Acq: 14 Jun 2019 20:25

Tgt Ion:165 Resp: 58637
Ion Ratio Lower Upper
165 100
63 1.0 29.4 44.2#
89 1.1 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: 10.45 min Scan# 1422

Delta R.T. 0.22 min

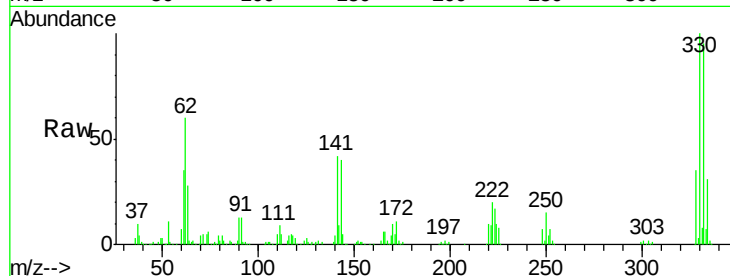
Lab File: BF115051.D

Acq: 14 Jun 2019 20:25

Instrument :

BNA_F

ClientSampleId :



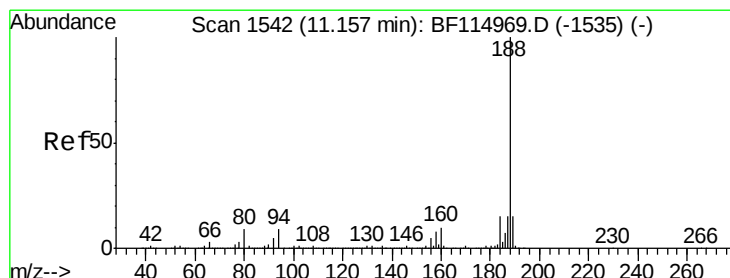
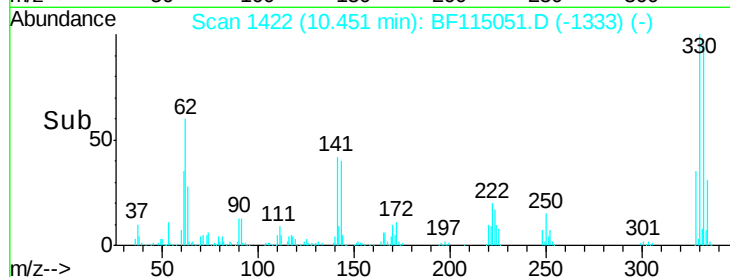
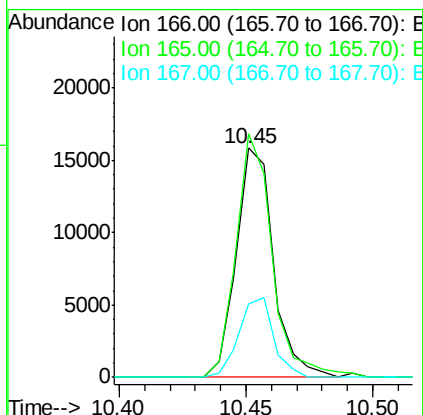
Tot Ion:166 Resp: 16181

Ion Ratio Lower Upper

166 100

165 106.2 77.6 116.4

167 32.2 11.0 16.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115051.D

Acq: 14 Jun 2019 20:25

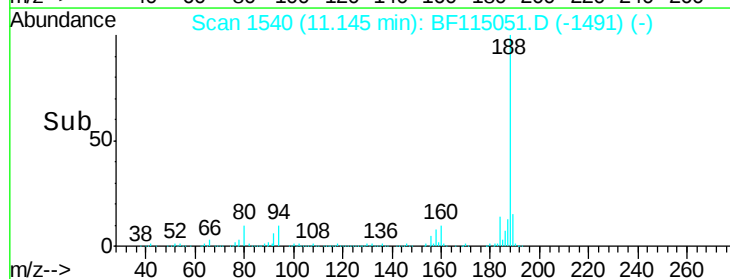
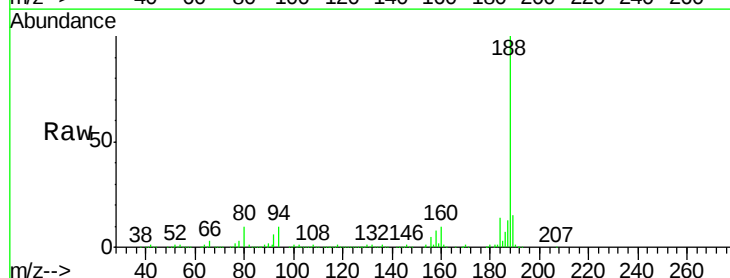
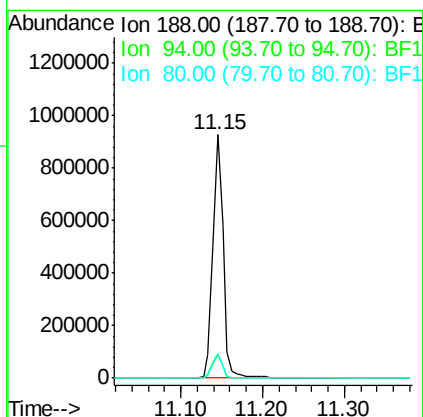
Tgt Ion:188 Resp: 812125

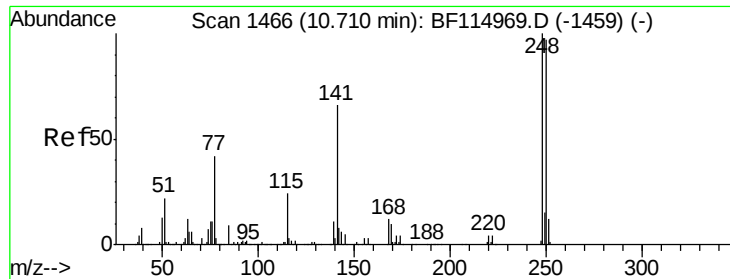
Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

80 10.4 7.4 11.2

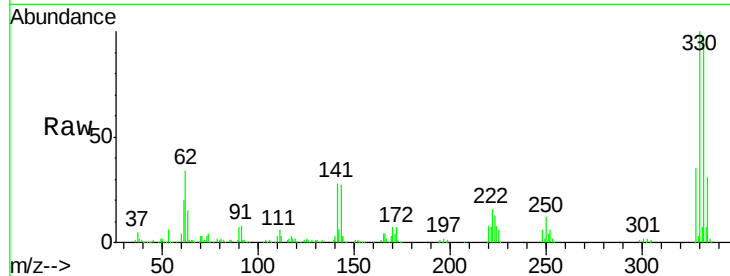




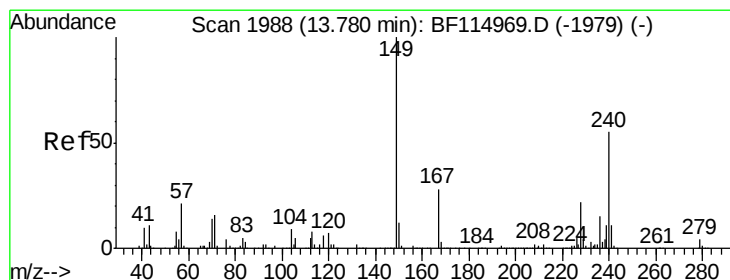
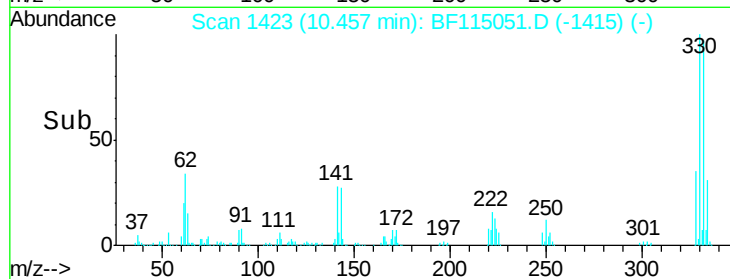
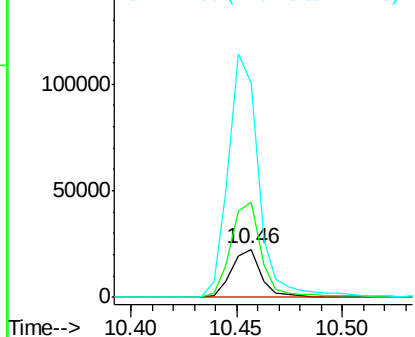
#67
4-Bromophenyl-phenylether
Concen: 2.509 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115051.D
Acq: 14 Jun 2019 20:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21878
Ion Ratio Lower Upper
248 100
250 197.1 77.8 116.8#
141 445.1 53.1 79.7#

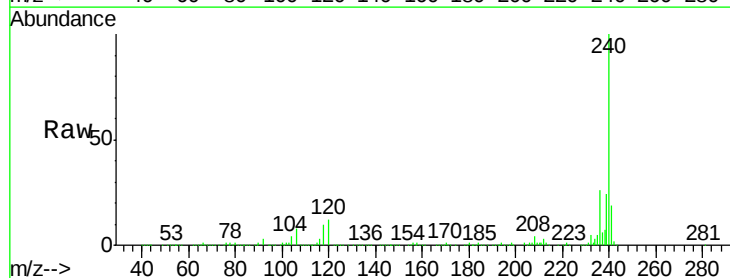


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

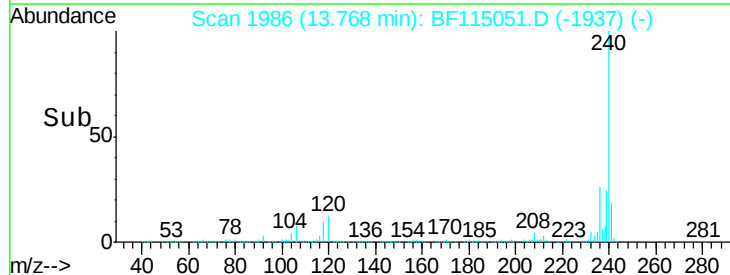
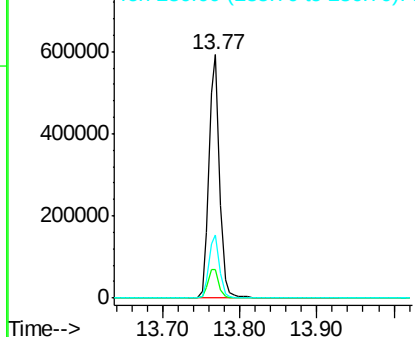


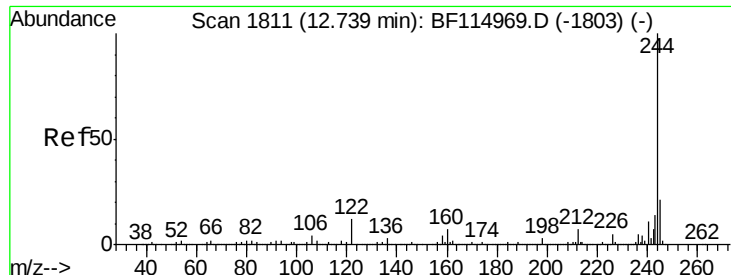
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115051.D
Acq: 14 Jun 2019 20:25

Tgt Ion:240 Resp: 560836
Ion Ratio Lower Upper
240 100
120 11.6 10.0 15.0
236 26.2 21.6 32.4



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

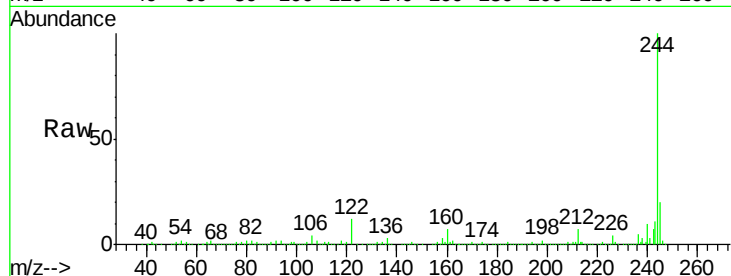




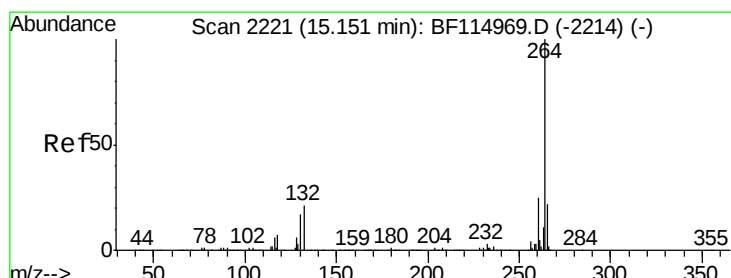
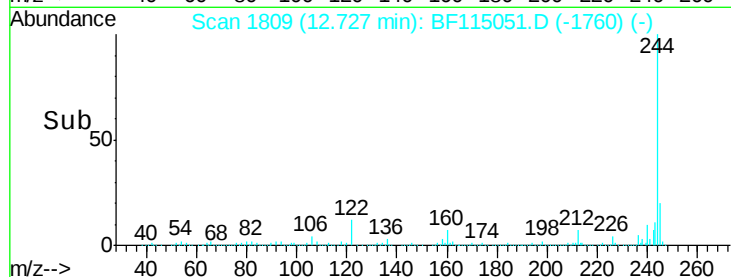
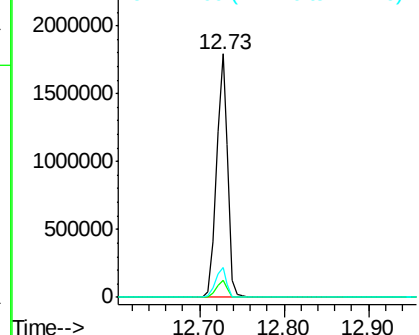
#79
 Terphenyl-d14
 Concen: 56.565 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF115051.D
 Acq: 14 Jun 2019 20:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1686657
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.4 9.4 14.0

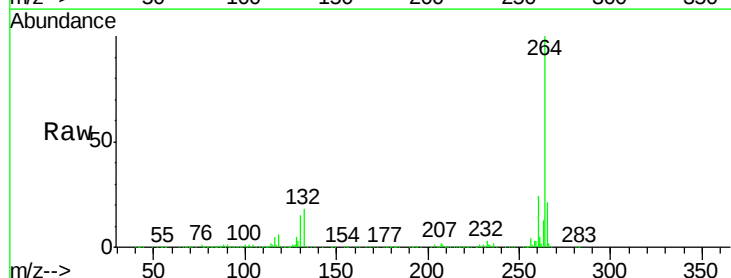


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115051.D
 Acq: 14 Jun 2019 20:25

Tgt Ion:264 Resp: 538180
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.9 29.9
 265 21.1 17.6 26.4



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

