

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115017.D
 Acq On : 13 Jun 2019 22:16
 Operator : HP/JU
 Sample : K3345-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4 061219

Quant Time: Jun 14 03:50:53 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	272651	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1020587	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	494795	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	923824	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	608822	20.00	ng	-0.01
87) Perylene-d12	15.14	264	568882	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1076262	65.91	ng	0.00
7) Phenol-d6	6.29	99	882218	44.79	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1543406	91.03	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	607740	114.70	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2754496	94.35	ng	0.00
79) Terphenyl-d14	12.73	244	2666769	82.39	ng	0.00

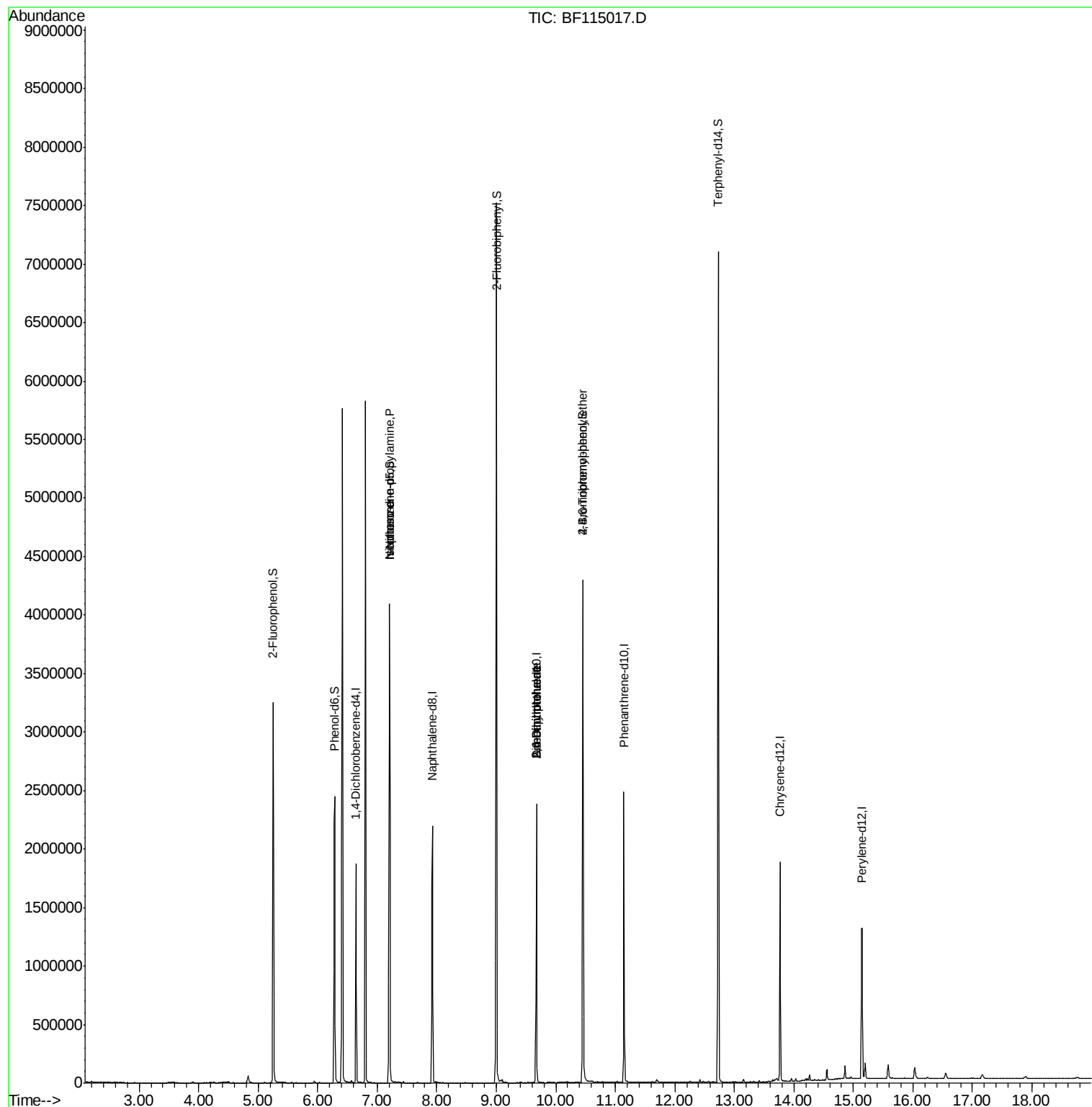
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.29	77	1304	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	205785	17.196	ng	# 77
25) Isophorone	7.21	82	1507504	47.471	ng	# 62
50) Dimethylphthalate	9.67	163	140250	3.769	ng	# 1
51) 2,6-Dinitrotoluene	9.67	165	63954	7.577	ng	# 37
57) 2,4-Dinitrotoluene	9.67	165	63954	5.953	ng	# 29
58) Fluorene	10.46	166	26495	Below Cal	#	85
67) 4-Bromophenyl-phenylether	10.46	248	38737	3.905	ng	# 1

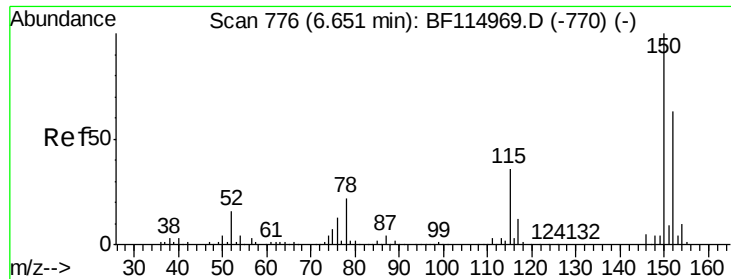
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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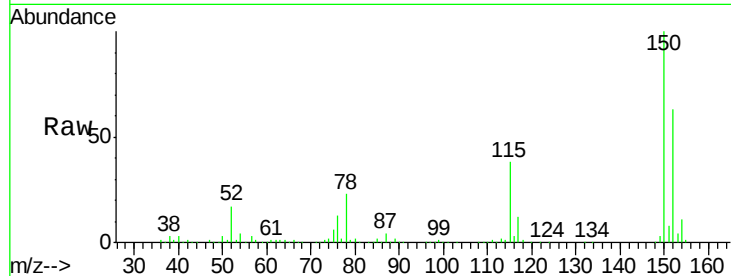


#1

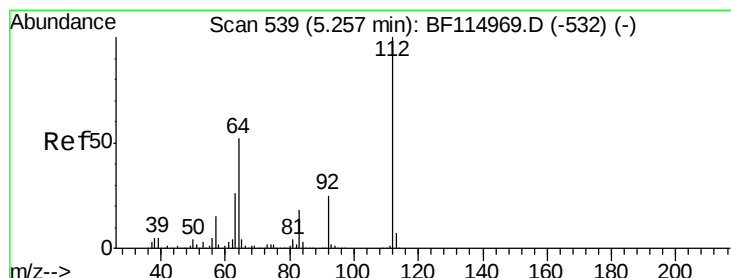
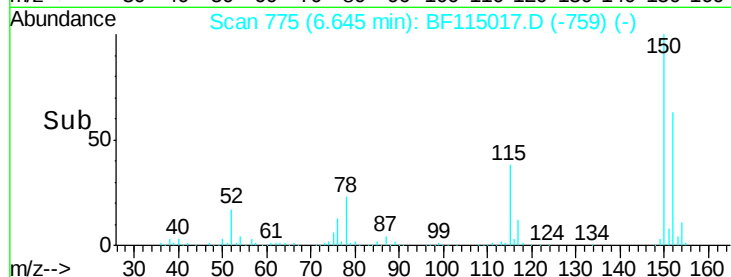
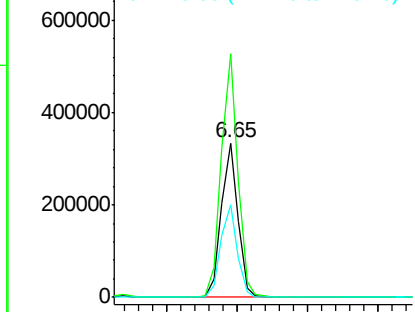
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-4 061219

Tgt Ion:152 Resp: 272651
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.0
115 59.8 46.0 69.0



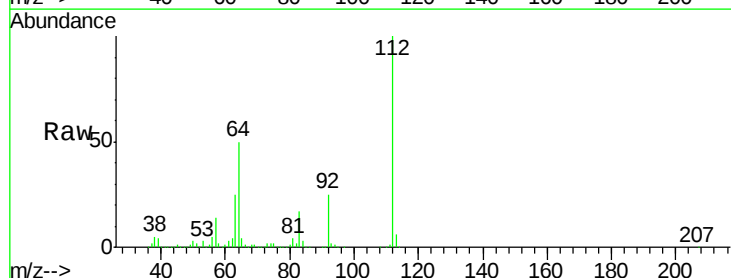
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



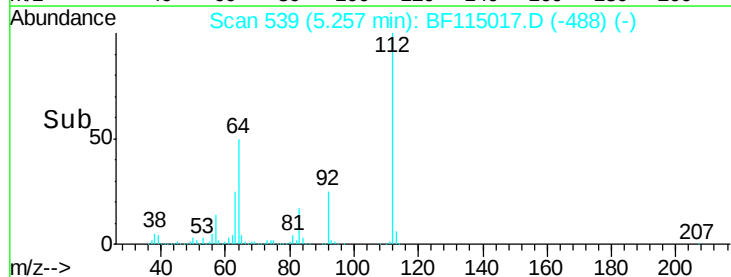
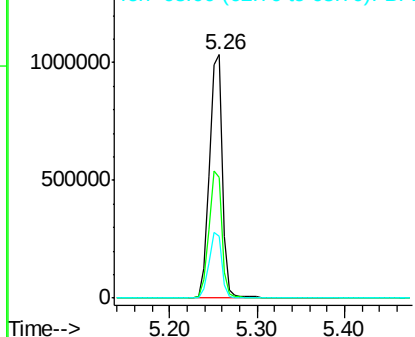
#5

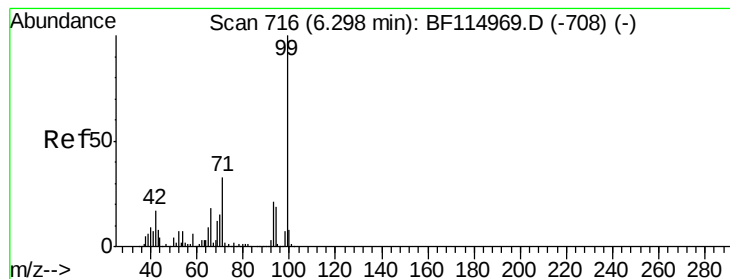
2-Fluorophenol
Concen: 65.913 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Tgt Ion:112 Resp: 1076262
Ion Ratio Lower Upper
112 100
64 49.8 41.6 62.4
63 25.5 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: 44.790 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115017.D

Acq: 13 Jun 2019 22:16

Instrument :

BNA_F

ClientSampleId :

MW-4 061219

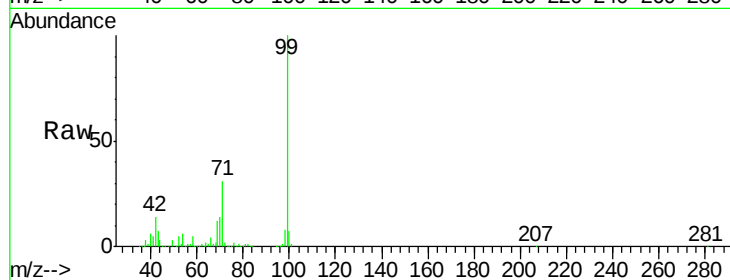
Tgt Ion: 99 Resp: 882218

Ion Ratio Lower Upper

99 100

42 14.4 13.4 20.2

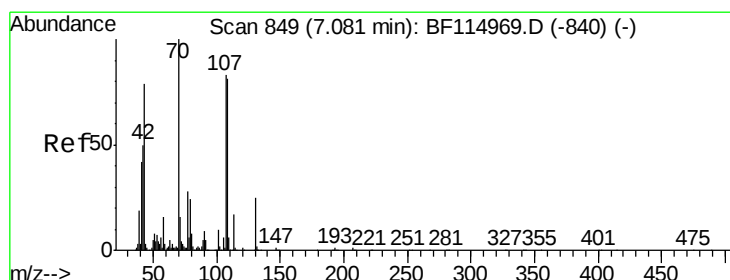
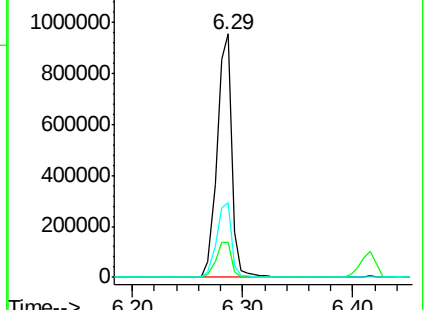
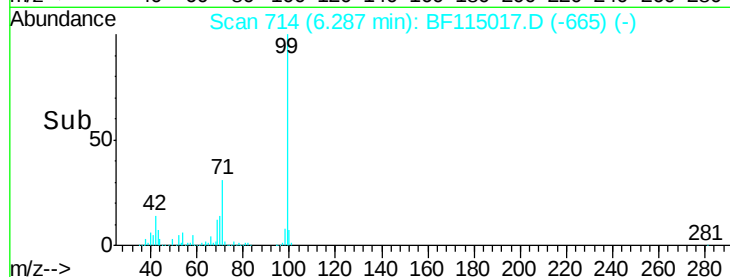
71 30.7 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.196 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115017.D

Acq: 13 Jun 2019 22:16

Tgt Ion: 70 Resp: 205785

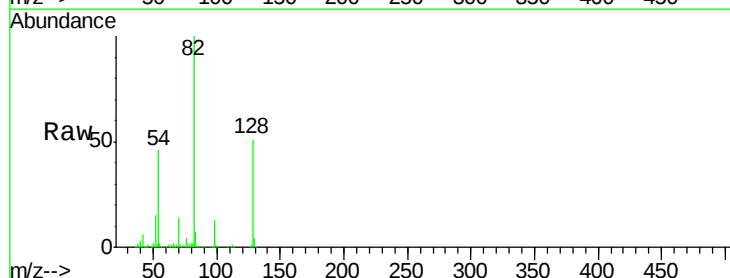
Ion Ratio Lower Upper

70 100

42 42.5 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

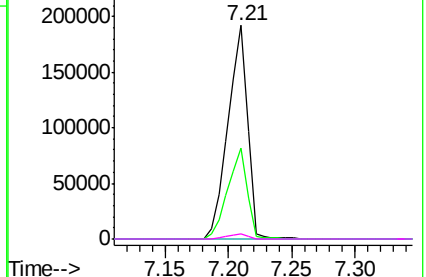
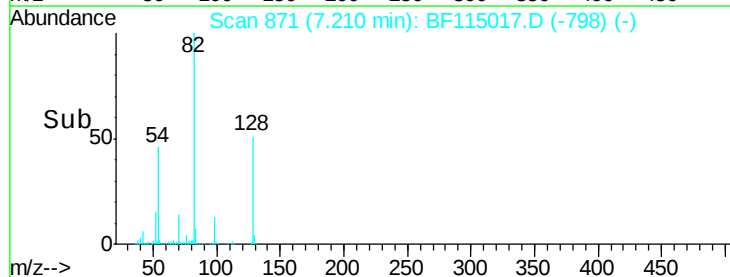


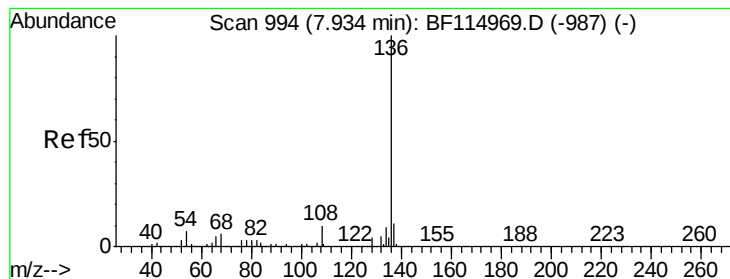
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115017.D

Acq: 13 Jun 2019 22:16

Instrument :

BNA_F

ClientSampleId :

MW-4 061219

Tgt Ion:136 Resp: 1020587

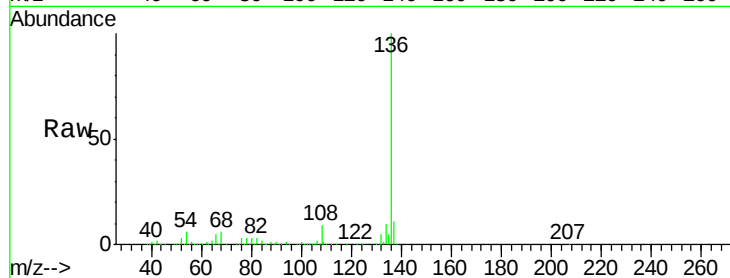
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.4 5.4 8.0

68 5.5 4.6 7.0

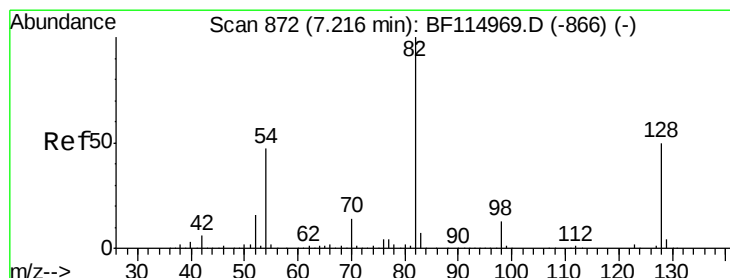
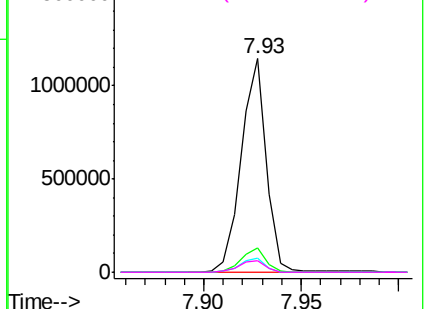
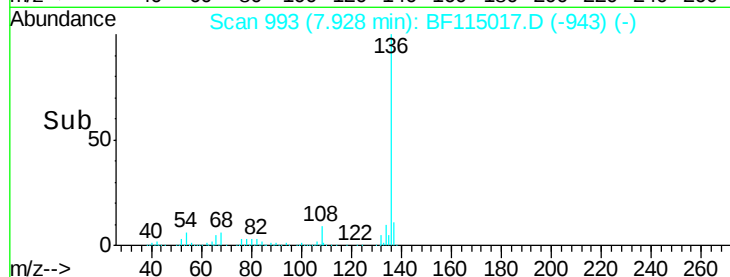


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.027 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115017.D

Acq: 13 Jun 2019 22:16

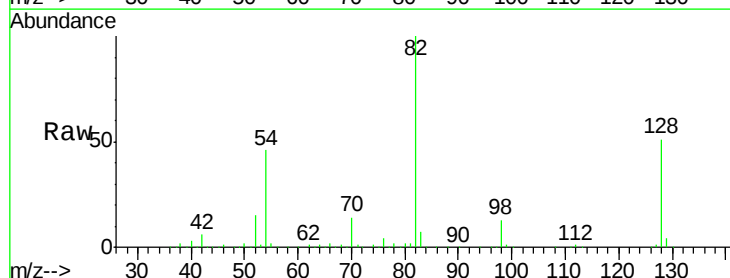
Tgt Ion: 82 Resp: 1543406

Ion Ratio Lower Upper

82 100

128 50.5 39.9 59.9

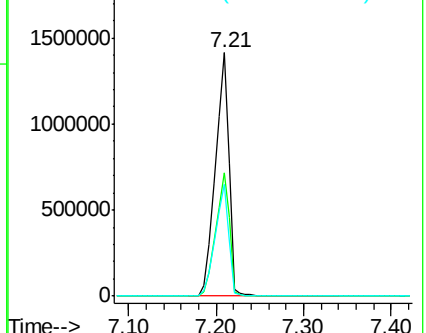
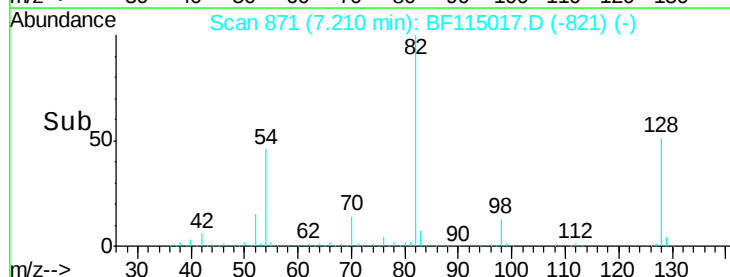
54 45.7 37.3 55.9

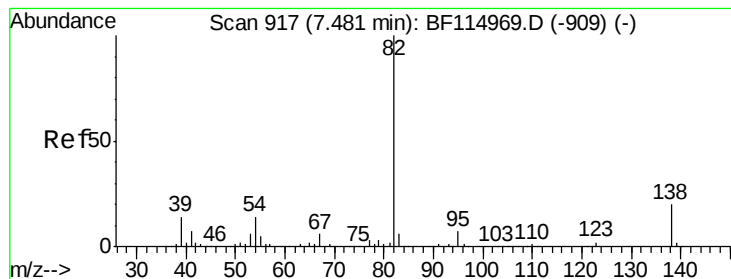


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.471 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115017.D

Acq: 13 Jun 2019 22:16

Instrument :

BNA_F

ClientSampleId :

MW-4 061219

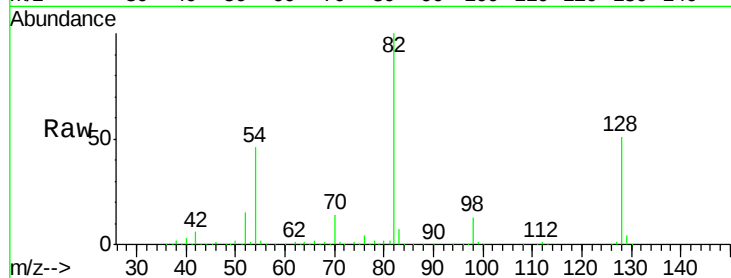
Tgt Ion: 82 Resp: 1507504

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

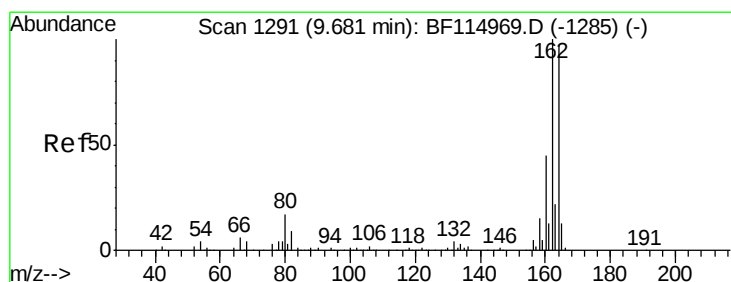
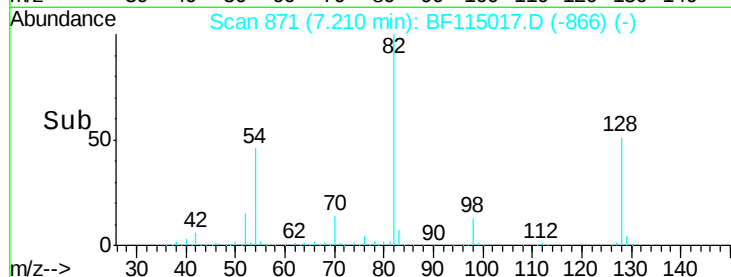
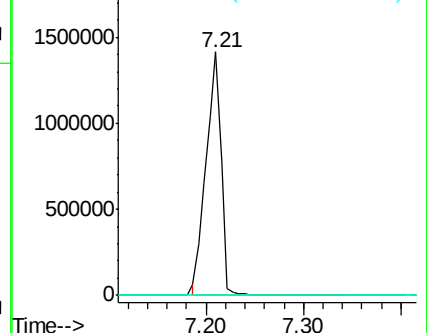
138 0.0 16.1 24.1#



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# 1290

Delta R.T. -0.01 min

Lab File: BF115017.D

Acq: 13 Jun 2019 22:16

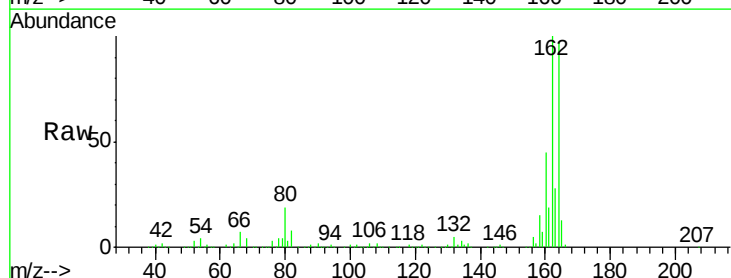
Tgt Ion: 164 Resp: 494795

Ion Ratio Lower Upper

164 100

162 103.1 82.6 124.0

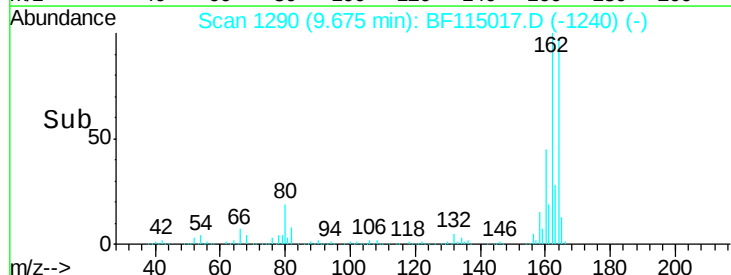
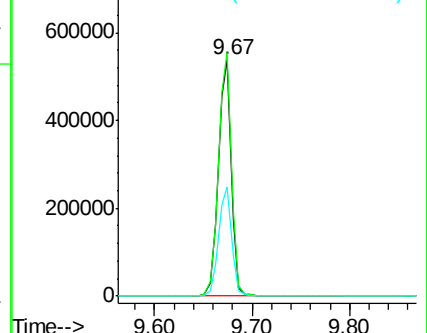
160 46.3 36.9 55.3

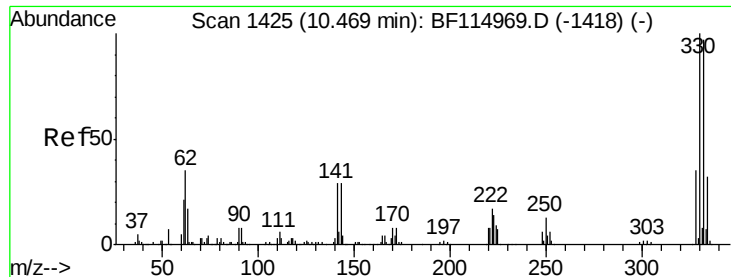


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

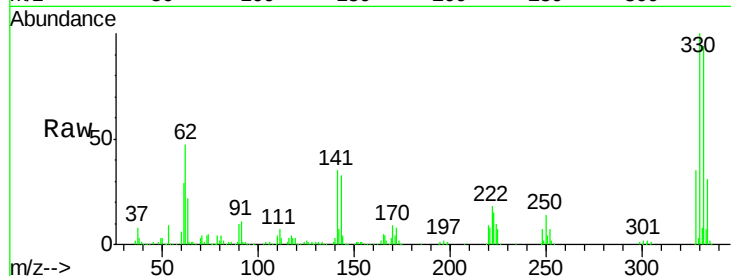




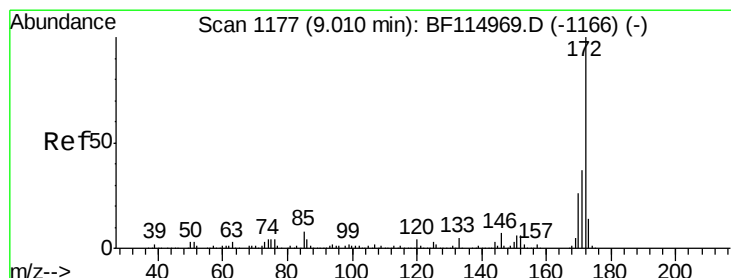
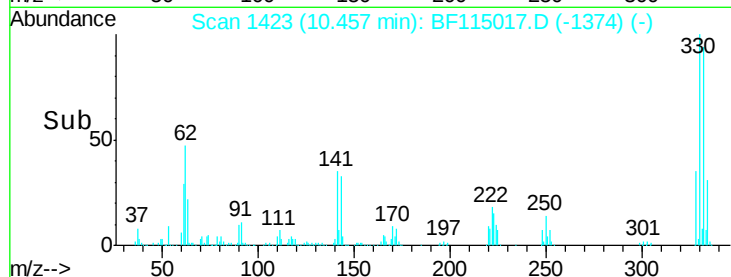
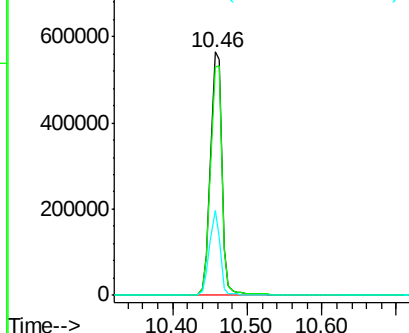
#42
 2,4,6-Tribromophenol
 Concen: 114.699 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115017.D
 Acq: 13 Jun 2019 22:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-4 061219

Tgt Ion:330 Resp: 607740
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.6 116.4
 141 32.7 27.2 40.8

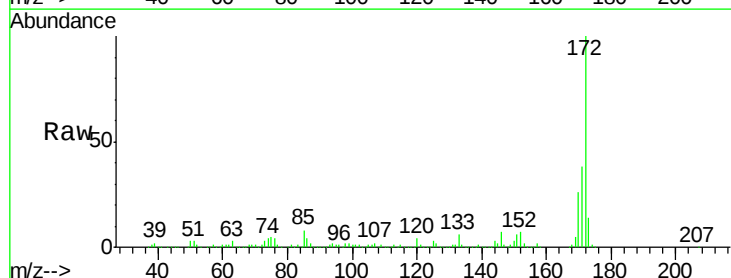


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

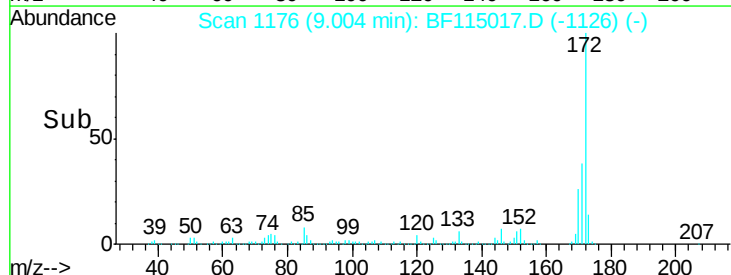
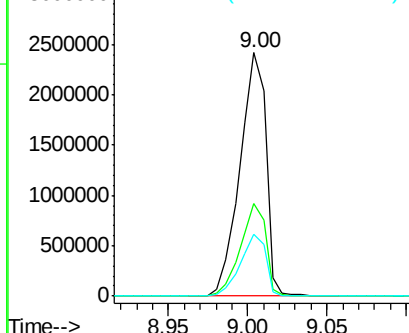


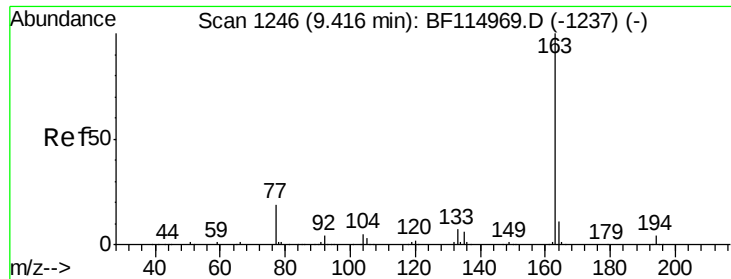
#45
 2-Fluorobiphenyl
 Concen: 94.351 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115017.D
 Acq: 13 Jun 2019 22:16

Tgt Ion:172 Resp: 2754496
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.8 44.6
 170 25.5 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

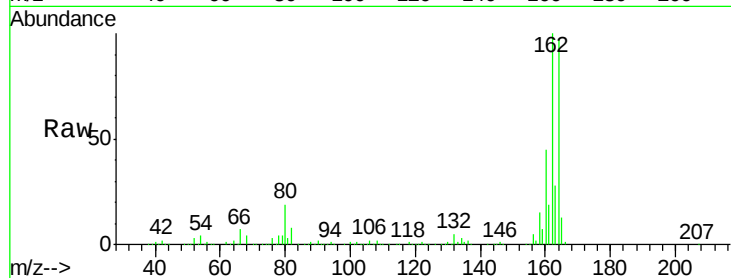




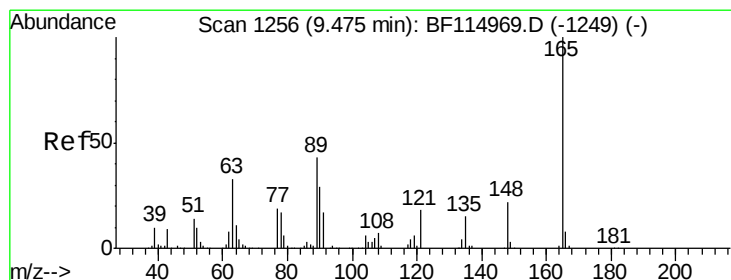
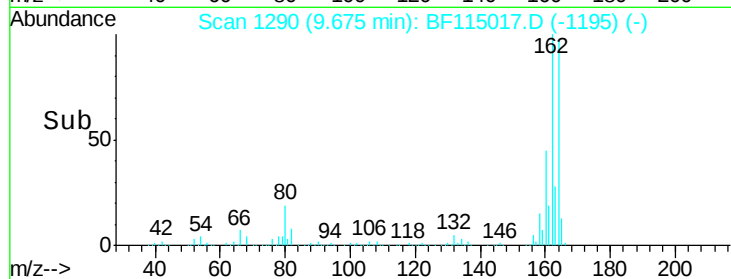
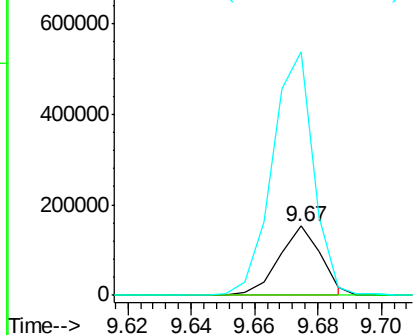
#50
Dimethylphthalate
Concen: 3.769 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.26 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Instrument :
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Tgt Ion:163 Resp: 140250
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 351.3 8.6 12.8#

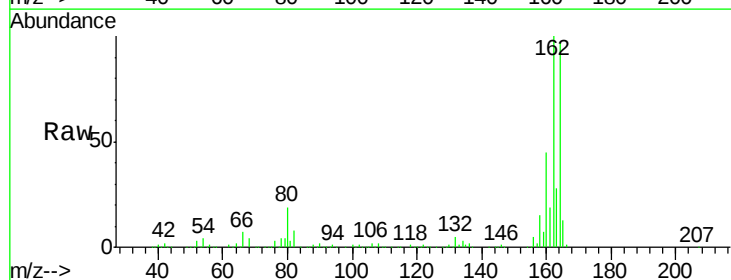


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

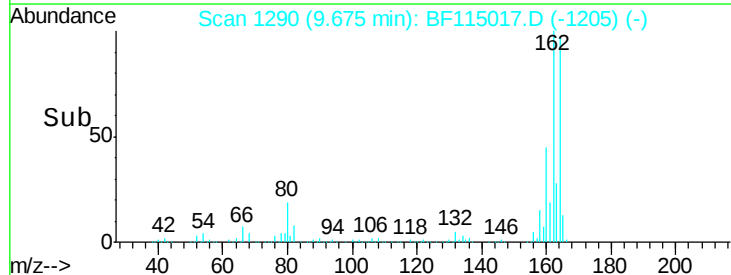
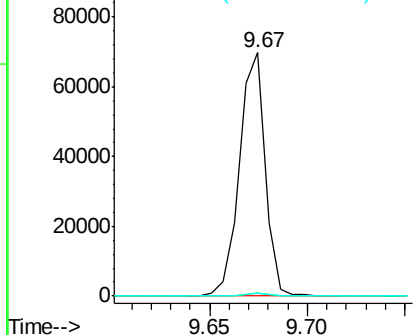


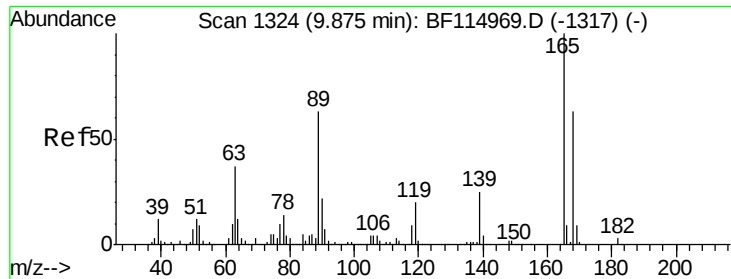
#51
2,6-Dinitrotoluene
Concen: 7.577 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.20 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Tgt Ion:165 Resp: 63954
Ion Ratio Lower Upper
165 100
63 1.3 30.6 46.0#
89 1.4 34.4 51.6#



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

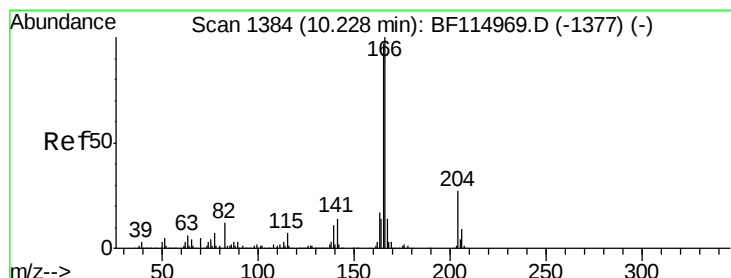
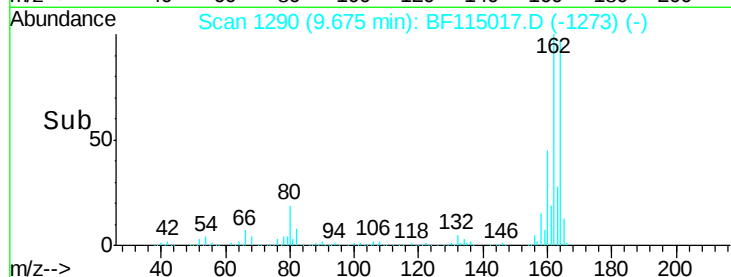
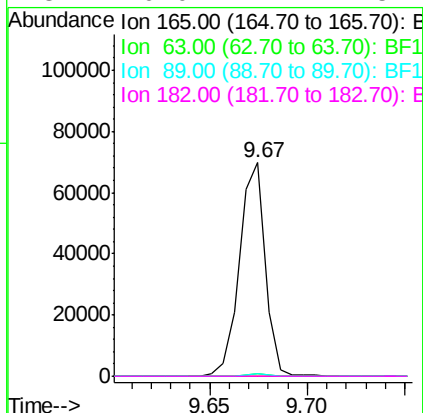
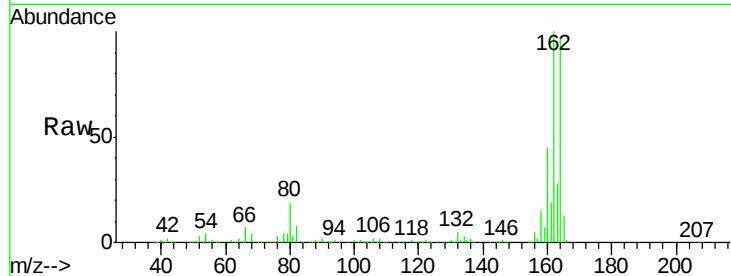




#57
 2,4-Dinitrotoluene
 Concen: 5.953 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115017.D
 Acq: 13 Jun 2019 22:16

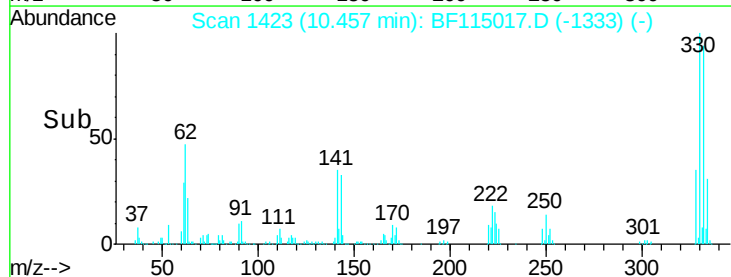
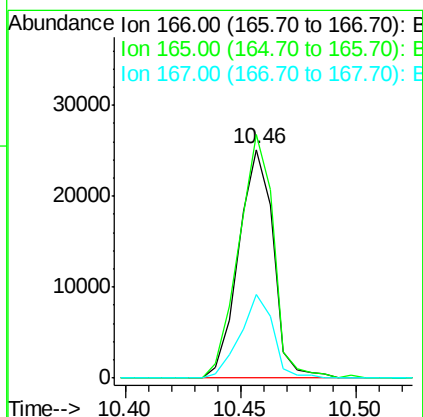
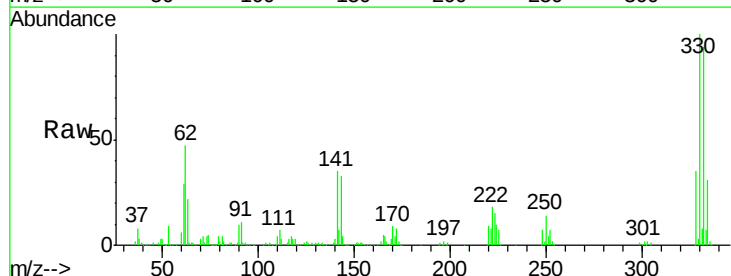
Instrument :
 BNA_F
 ClientSampleId :
 MW-4 061219

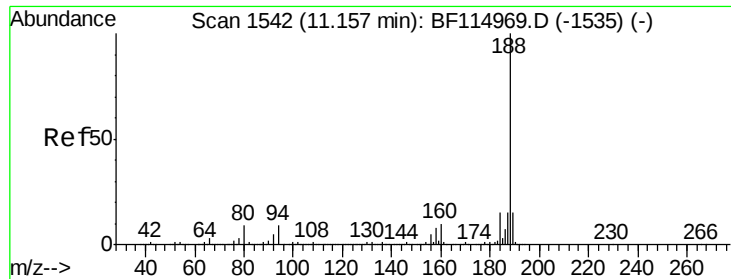
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.4	44.2#
89	1.4	50.6	75.8#
182	0.0	2.2	3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF115017.D
 Acq: 13 Jun 2019 22:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.4	77.6	116.4
167	36.4	11.0	16.4#

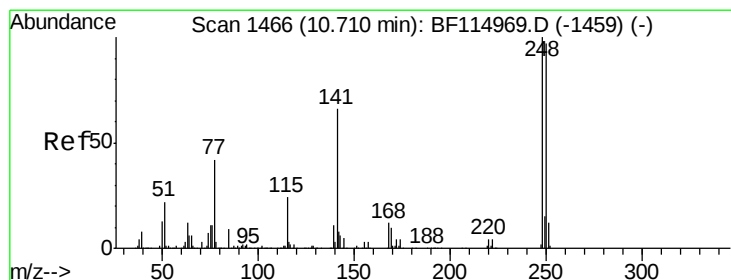
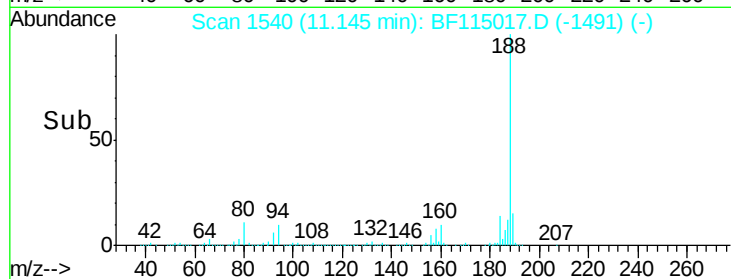
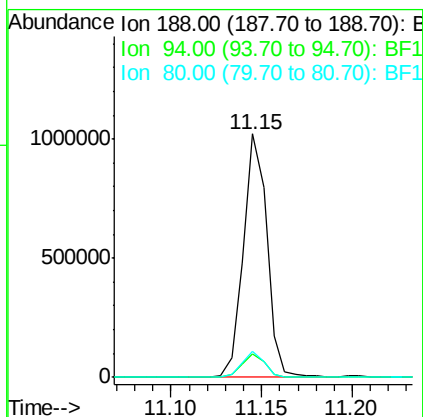
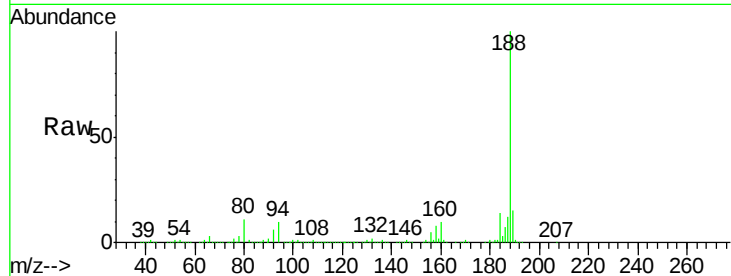




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

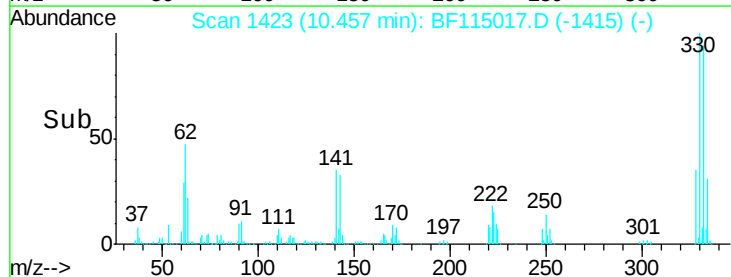
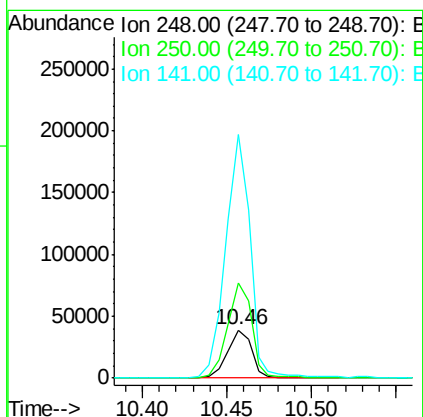
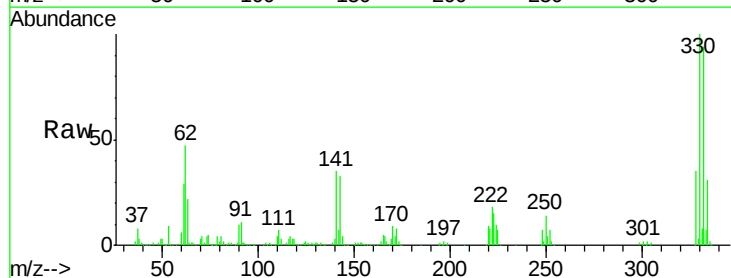
Instrument :
BNA_F
ClientSampleId :
MW-4 061219

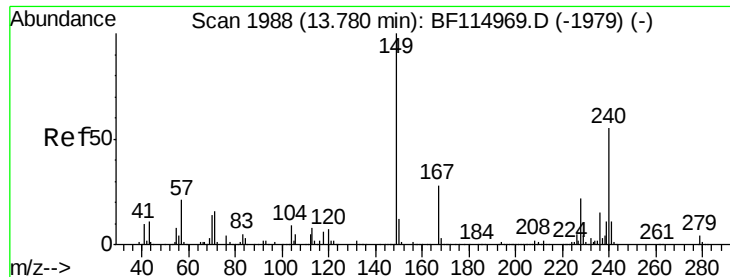
Tgt Ion:188 Resp: 923824
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.5 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.905 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Tgt Ion:248 Resp: 38737
Ion Ratio Lower Upper
248 100
250 198.5 77.8 116.8#
141 507.8 53.1 79.7#

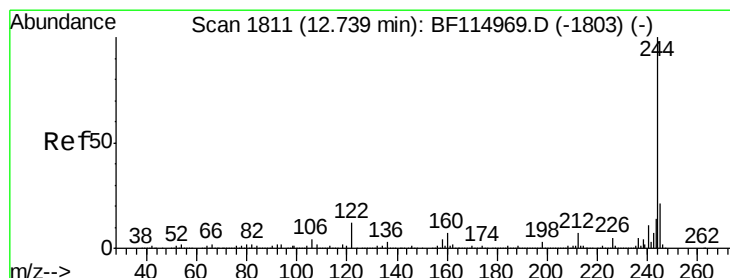
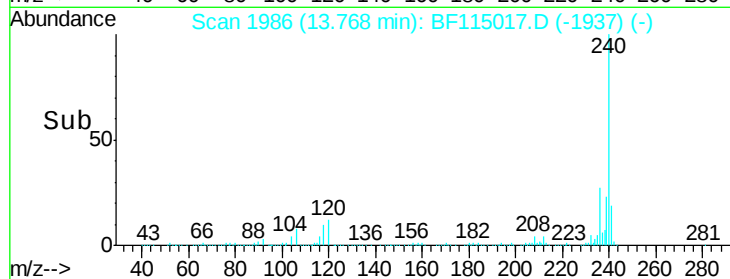
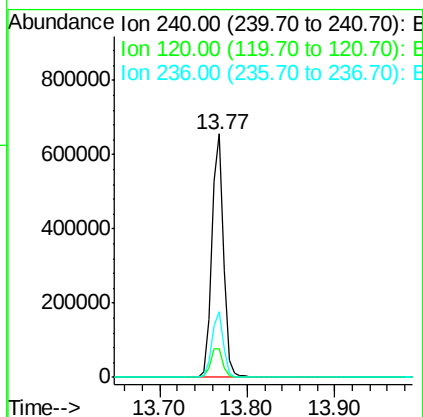
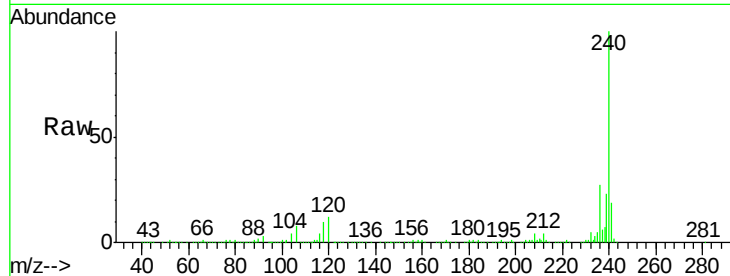




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

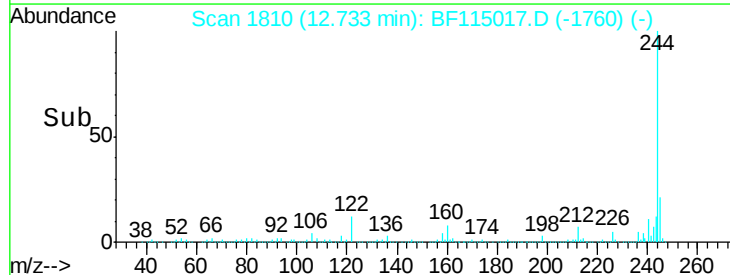
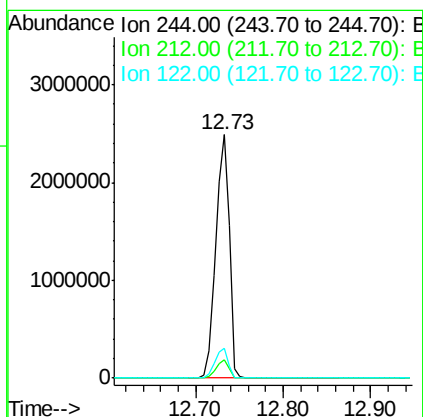
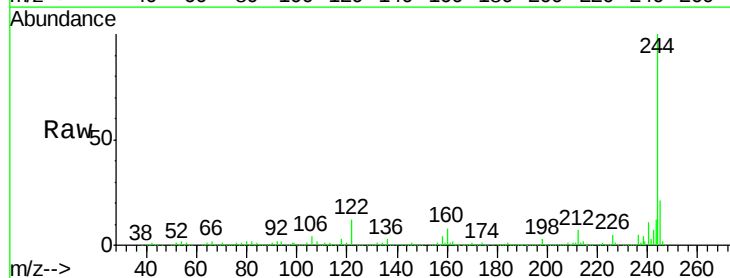
Instrument :
BNA_F
ClientSampleId :
MW-4 061219

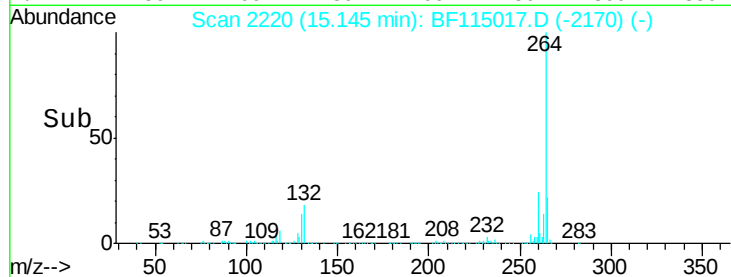
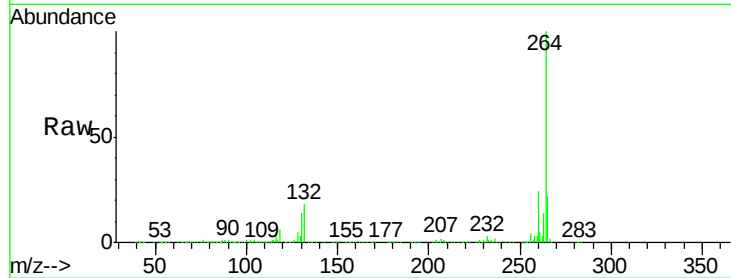
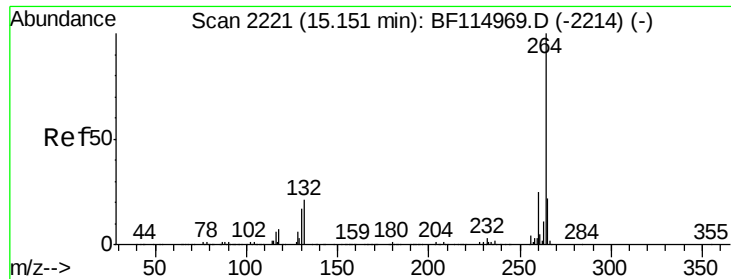
Tgt Ion:240 Resp: 608822
Ion Ratio Lower Upper
240 100
120 11.8 10.0 15.0
236 26.8 21.6 32.4



#79
Terphenyl-d14
Concen: 82.386 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Tgt Ion:244 Resp: 2666769
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 12.4 9.4 14.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-4 061219

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.8	17.6	26.4

