

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115047.D
 Acq On : 14 Jun 2019 18:38
 Operator : HP/JU
 Sample : K3294-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:51:53 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

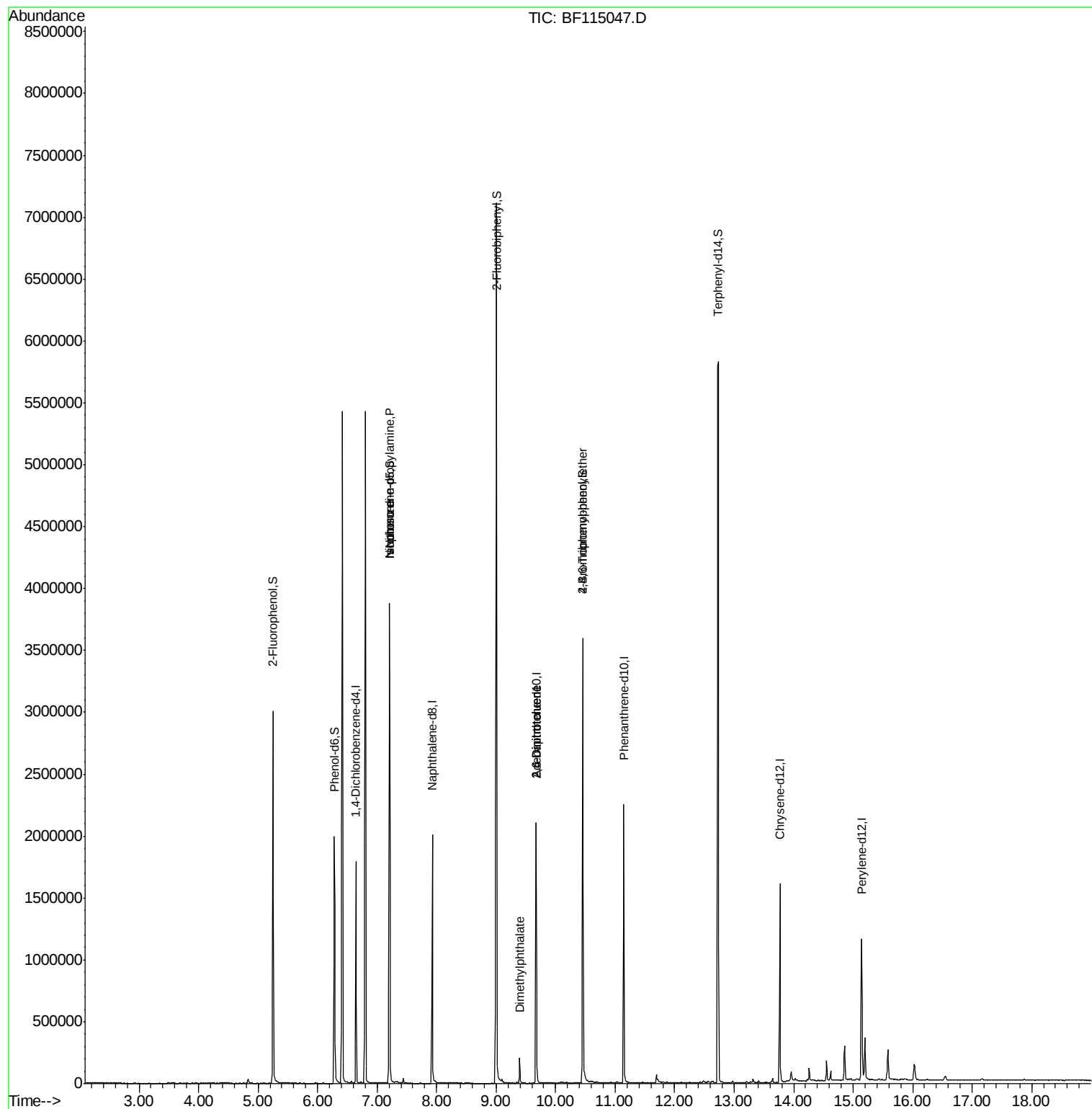
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	271377	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1016554	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	464825	20.00	ng	-0.01
64) Phenanthrene-d10	11.14	188	819781	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	552171	20.00	ng	-0.01
87) Perylene-d12	15.14	264	543712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	903960	55.62	ng	0.00
7) Phenol-d6	6.28	99	711710	36.30	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1377073	81.54	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	487965	98.03	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2476849	90.31	ng	0.00
79) Terphenyl-d14	12.73	244	2205336	75.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.28	77	1072	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	182659	15.335 ng	#	76
25) Isophorone	7.21	82	1349246	42.656 ng	#	62
50) Dimethylphthalate	9.40	163	102145	2.922 ng		97
51) 2,6-Dinitrotoluene	9.67	165	58935	7.432 ng	#	36
57) 2,4-Dinitrotoluene	9.67	165	58935	5.839 ng	#	29
58) Fluorene	10.46	166	22147	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.46	248	30987	3.520 ng	#	1

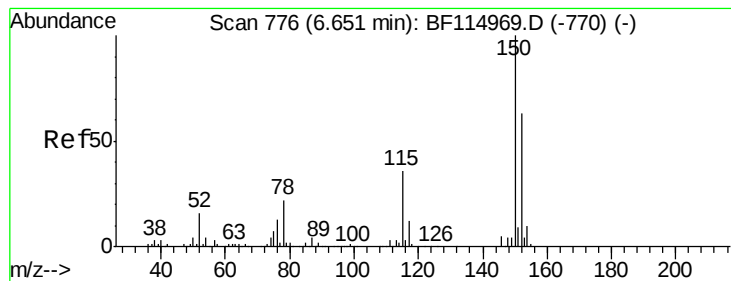
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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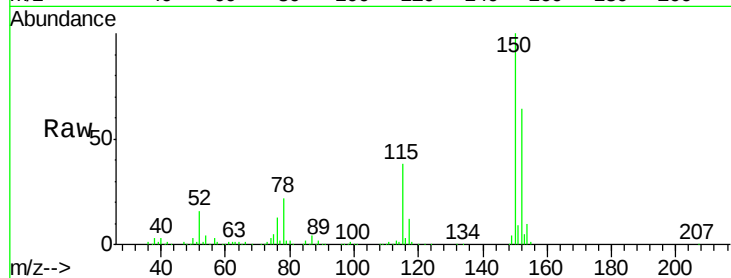




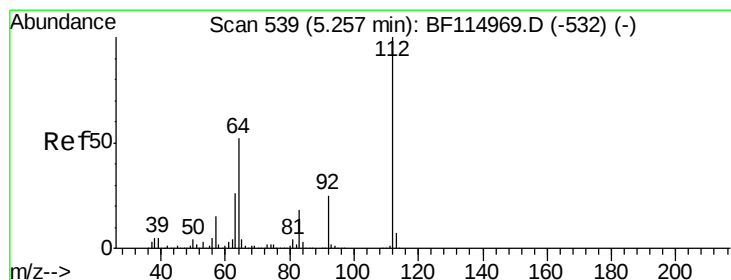
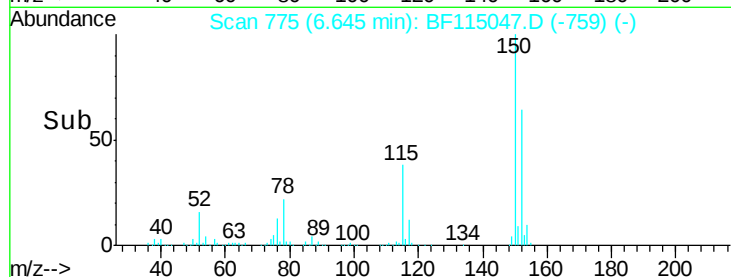
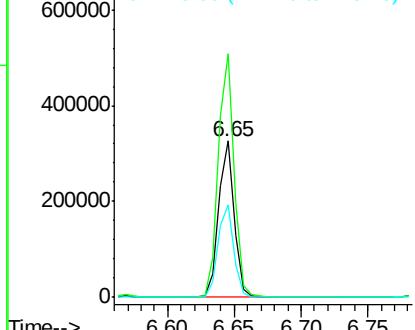
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115047.D
 Acq: 14 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 271377
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.4 191.0
 115 59.0 46.0 69.0

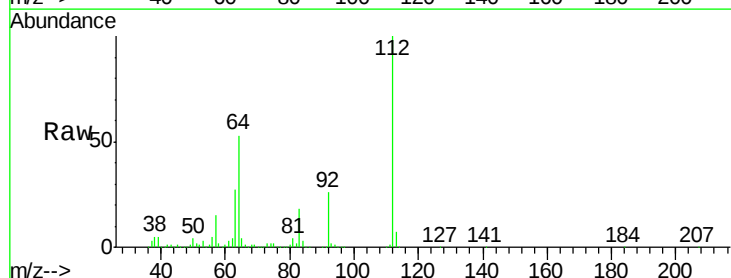


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

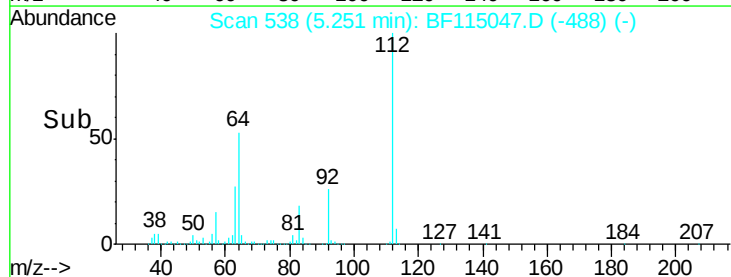
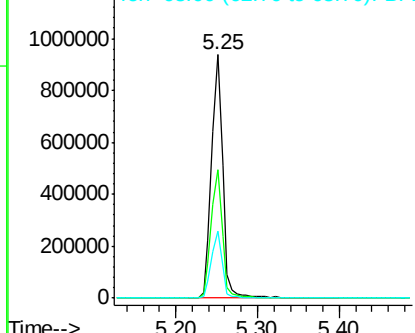


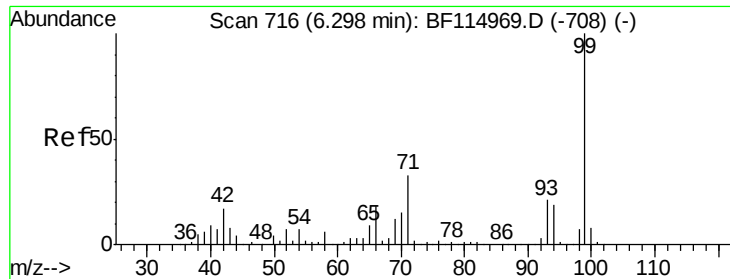
#5
 2-Fluorophenol
 Concen: 55.621 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF115047.D
 Acq: 14 Jun 2019 18:38

Tgt Ion:112 Resp: 903960
 Ion Ratio Lower Upper
 112 100
 64 52.7 41.6 62.4
 63 27.3 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: 36.303 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

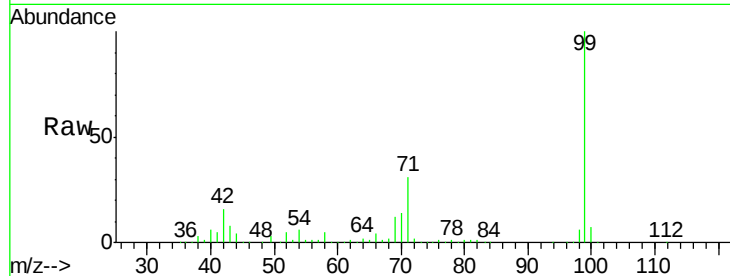
Tot Ion: 99 Resp: 711710

Ion Ratio Lower Upper

99 100

42 15.8 13.4 20.2

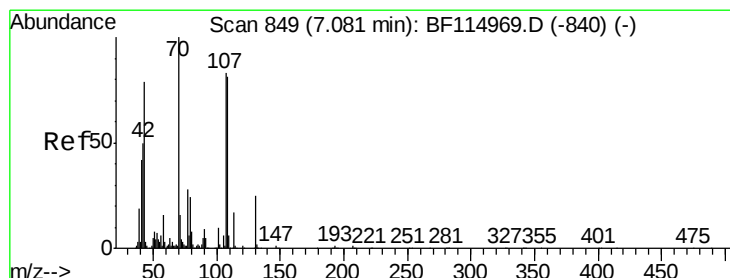
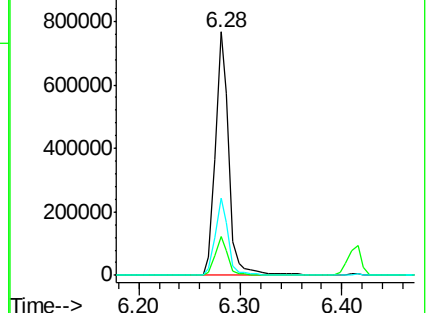
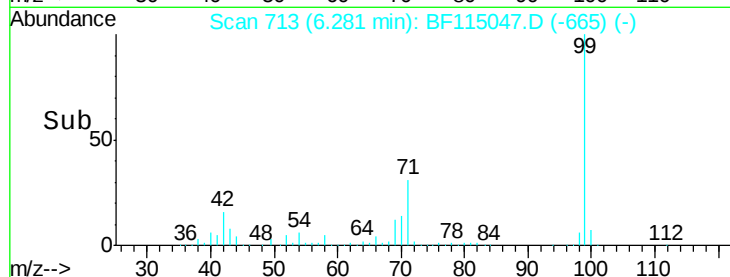
71 31.5 26.4 39.6



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: 15.335 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

Tgt Ion: 70 Resp: 182659

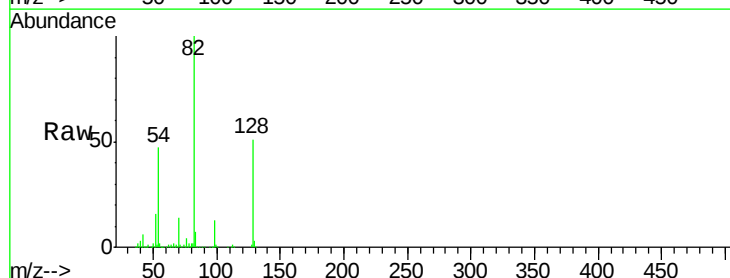
Ion Ratio Lower Upper

70 100

42 42.4 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

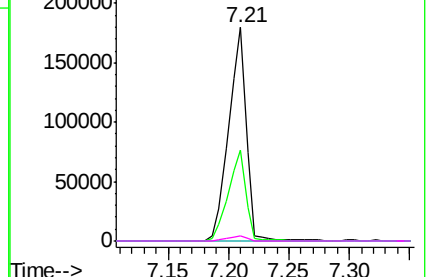
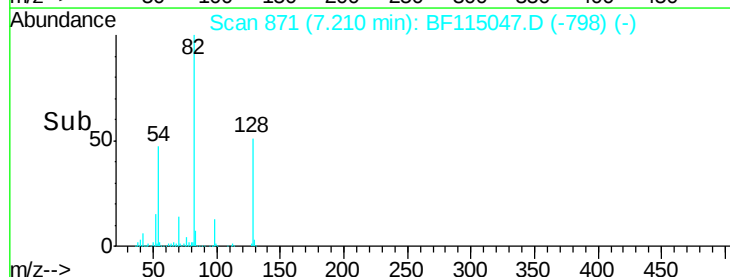


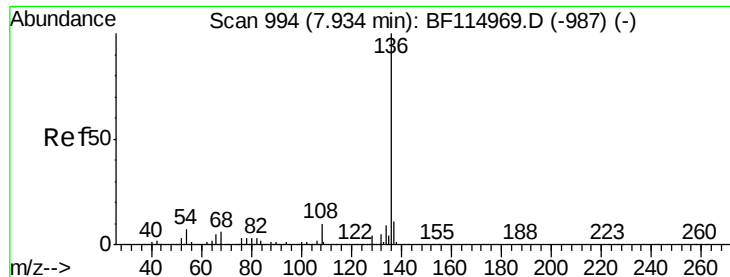
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF115047.D

Acq: 14 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1016554

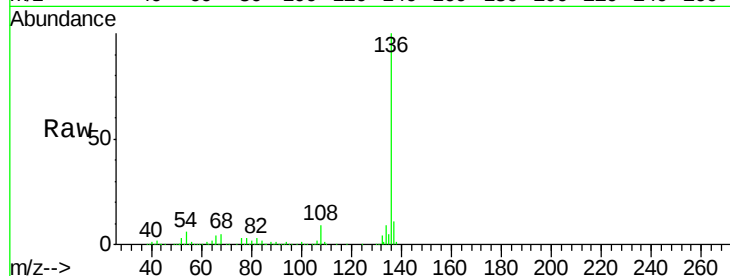
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.1 5.4 8.0

68 5.4 4.6 7.0

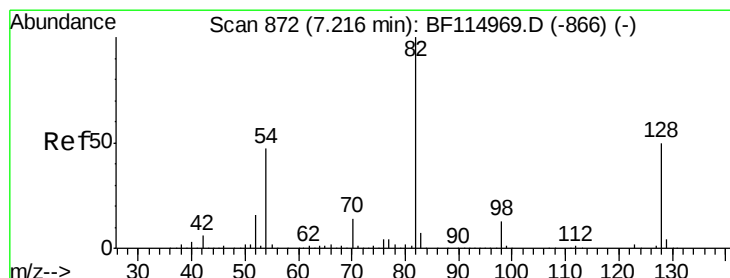
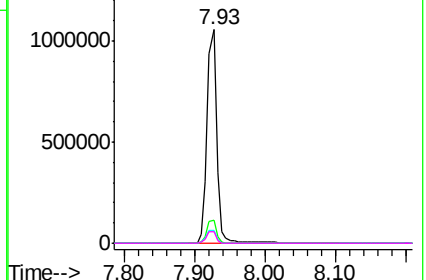
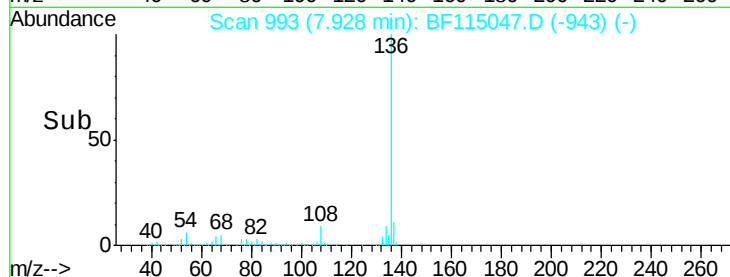


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.539 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

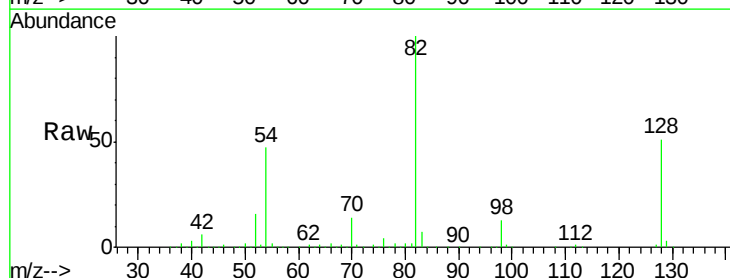
Tgt Ion: 82 Resp: 1377073

Ion Ratio Lower Upper

82 100

128 51.1 39.9 59.9

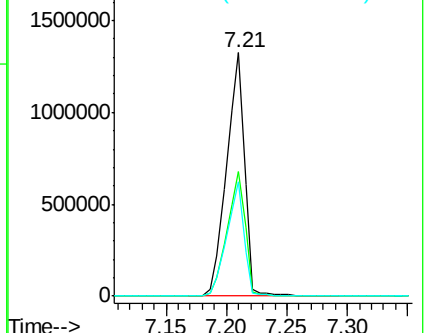
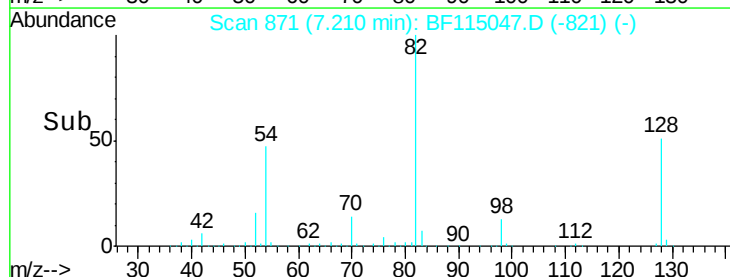
54 46.8 37.3 55.9

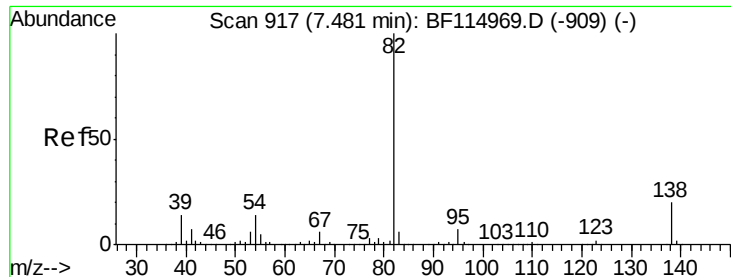


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.656 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

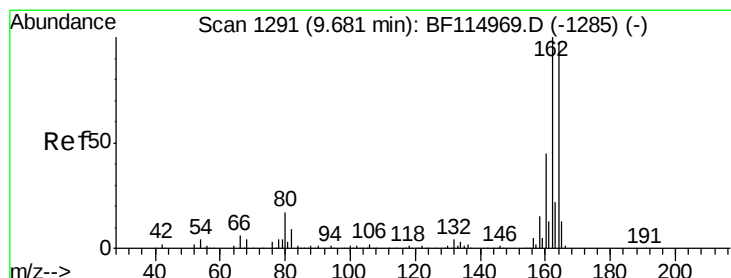
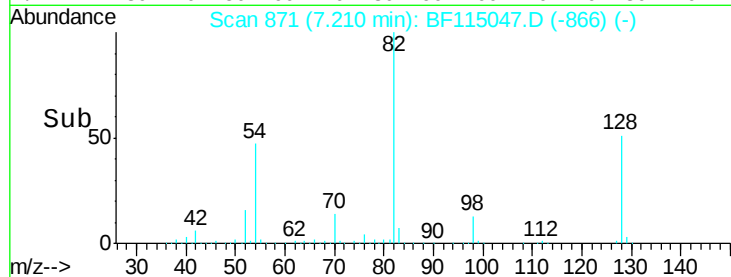
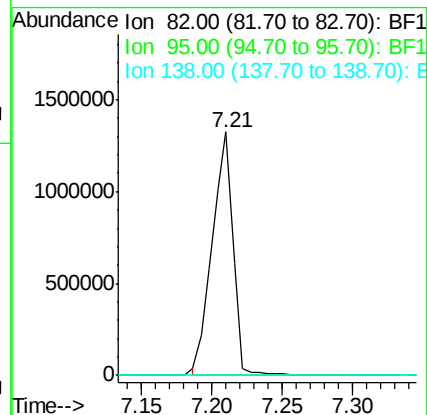
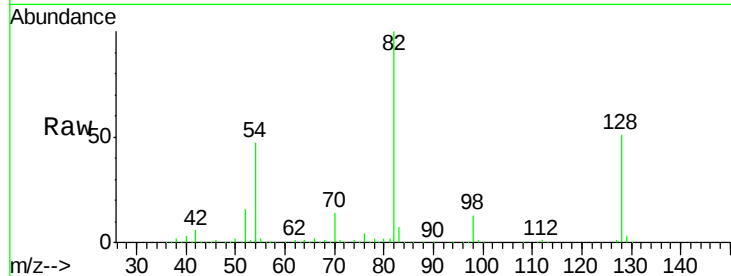
Tot Ion: 82 Resp: 1349246

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 16.1 24.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

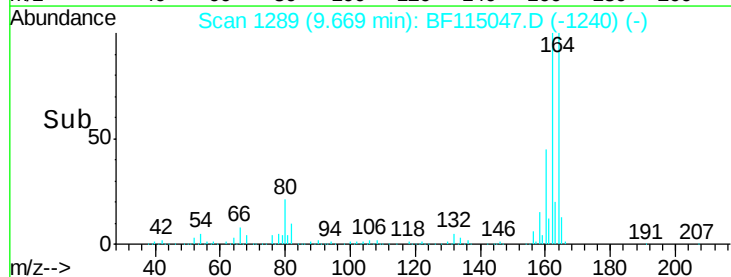
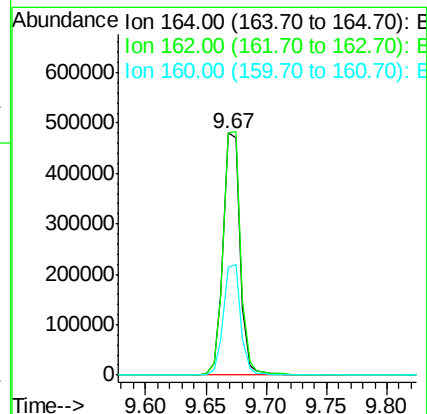
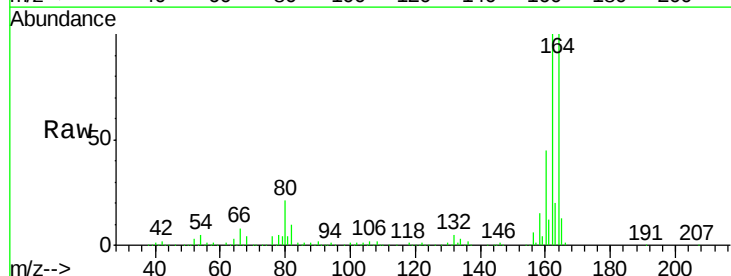
Tgt Ion:164 Resp: 464825

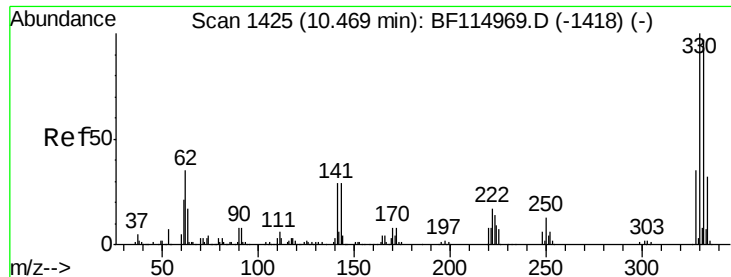
Ion Ratio Lower Upper

164 100

162 100.0 82.6 124.0

160 44.9 36.9 55.3

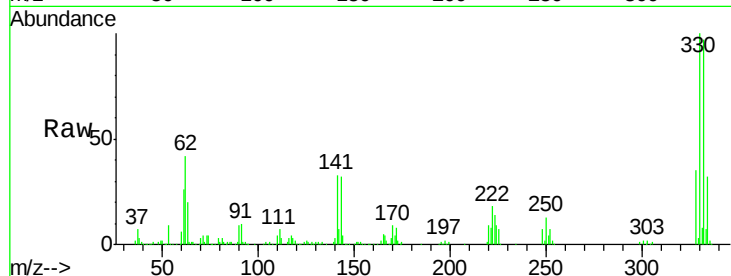




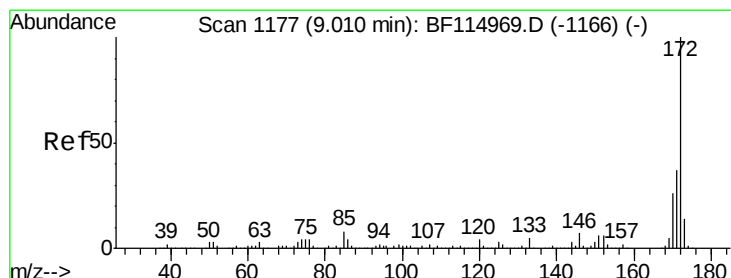
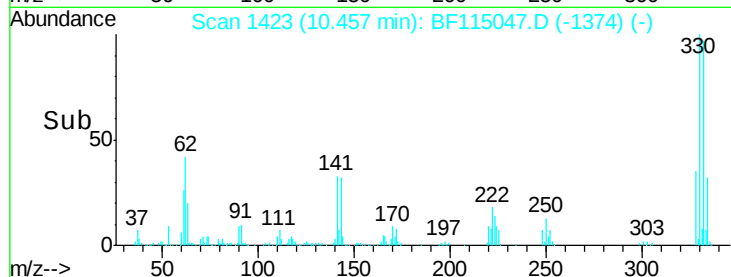
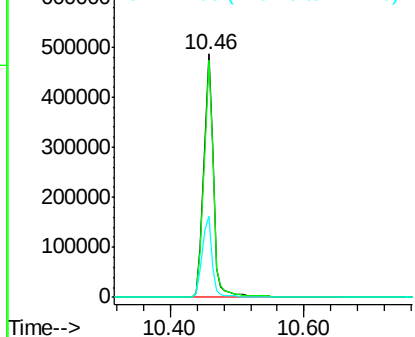
#42
 2,4,6-Tribromophenol
 Concen: 98.032 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115047.D
 Acq: 14 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 487965
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 33.5 27.2 40.8

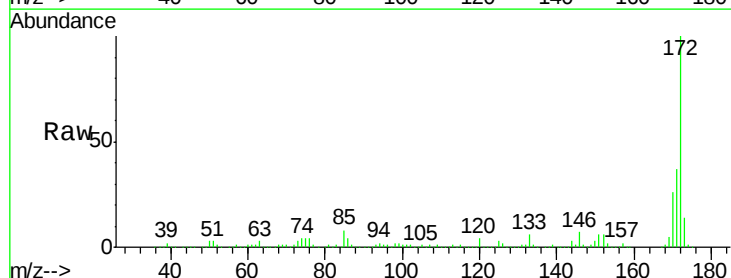


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

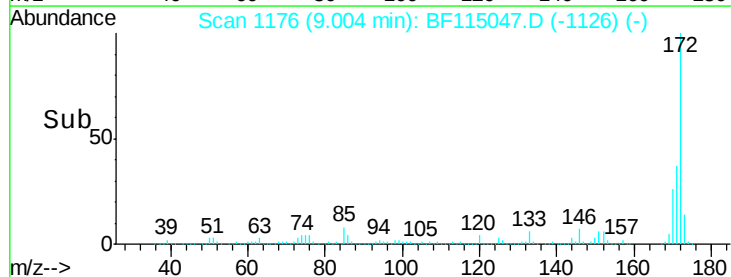
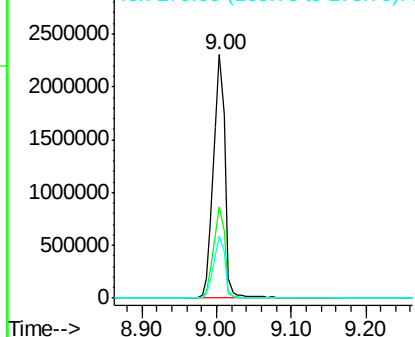


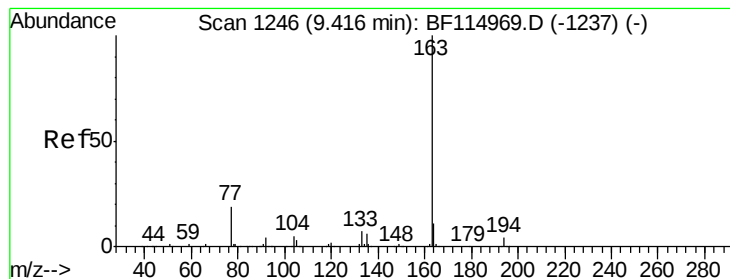
#45
 2-Fluorobiphenyl
 Concen: 90.310 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115047.D
 Acq: 14 Jun 2019 18:38

Tgt Ion:172 Resp: 2476849
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.6 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: 2.922 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

Instrument :

BNA_F

ClientSampled :

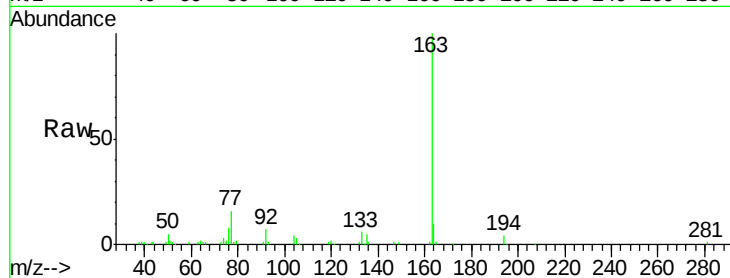
Tot Ion:163 Resp: 102145

Ion Ratio Lower Upper

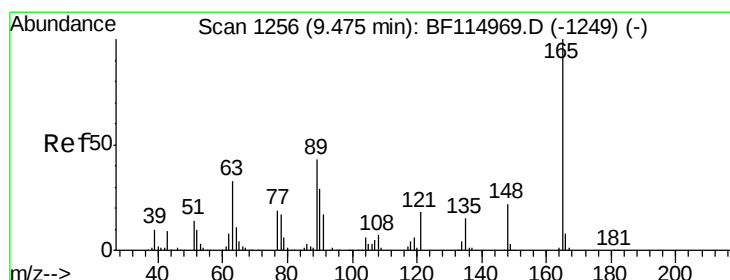
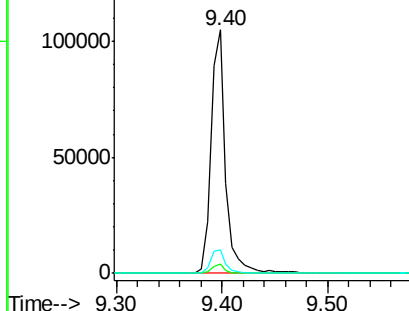
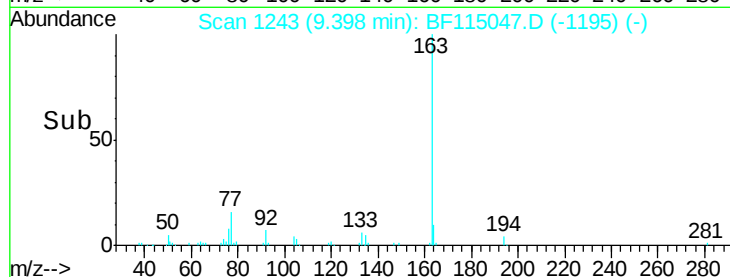
163 100

194 3.7 3.3 4.9

164 9.5 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: 7.432 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.19 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

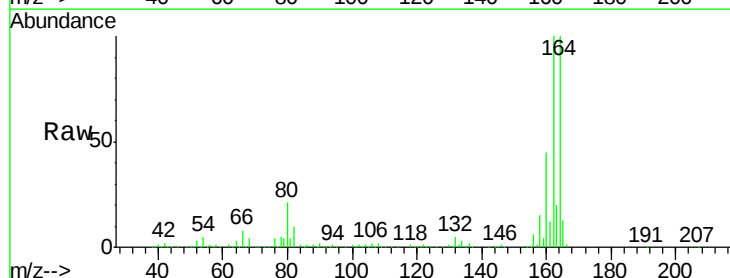
Tgt Ion:165 Resp: 58935

Ion Ratio Lower Upper

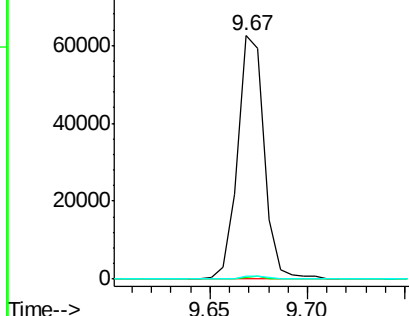
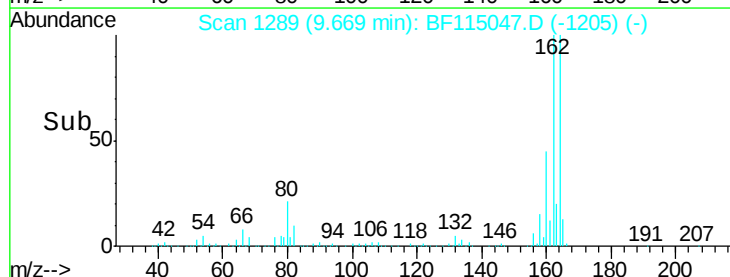
165 100

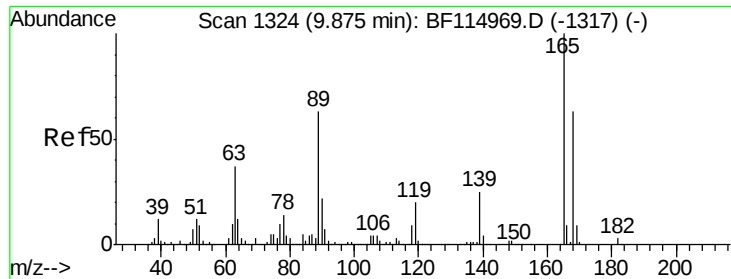
63 0.9 30.6 46.0#

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

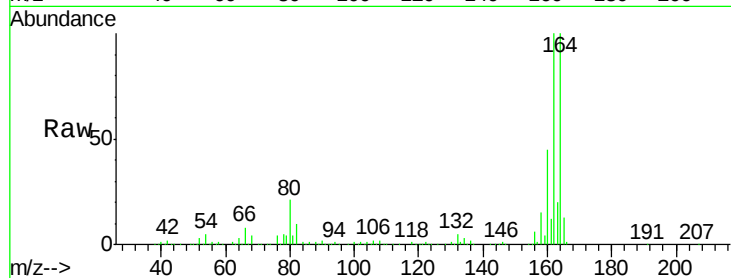




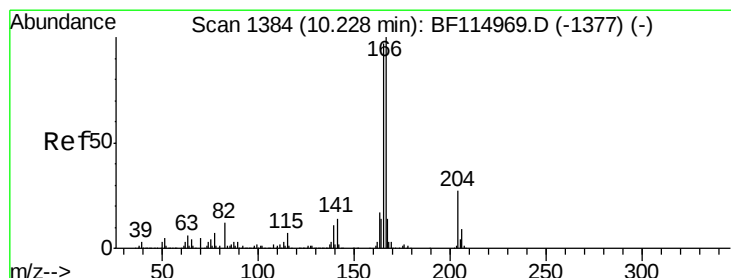
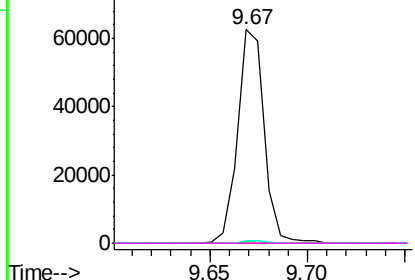
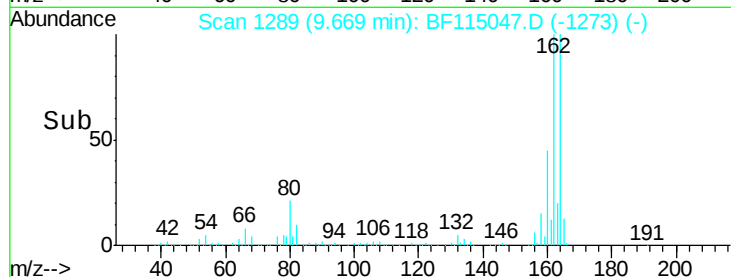
#57
 2,4-Dinitrotoluene
 Concen: 5.839 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.21 min
 Lab File: BF115047.D
 Acq: 14 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	58935
Ion Ratio	Lower	Upper	
165	100		
63	0.9	29.4	44.2#
89	1.4	50.6	75.8#
182	0.0	2.2	3.2#

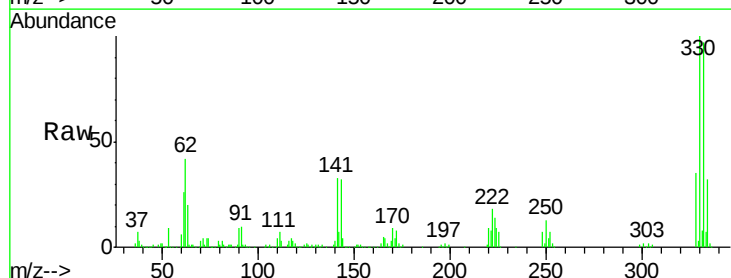


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

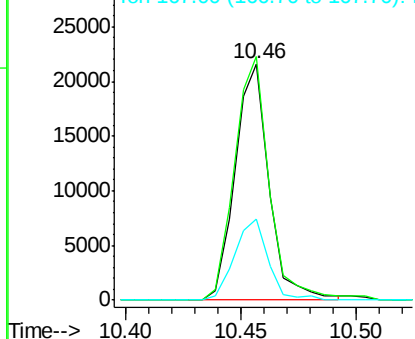
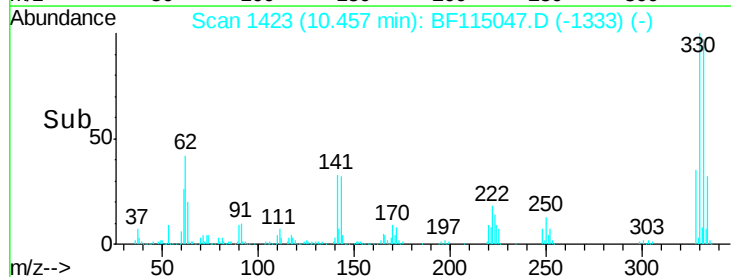


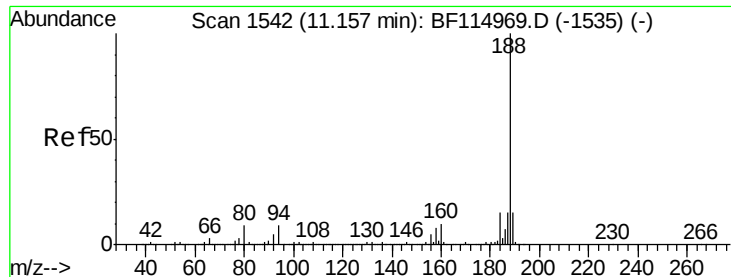
#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF115047.D
 Acq: 14 Jun 2019 18:38

Tgt Ion:	166	Resp:	22147
Ion Ratio	Lower	Upper	
166	100		
165	103.1	77.6	116.4
167	34.3	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: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

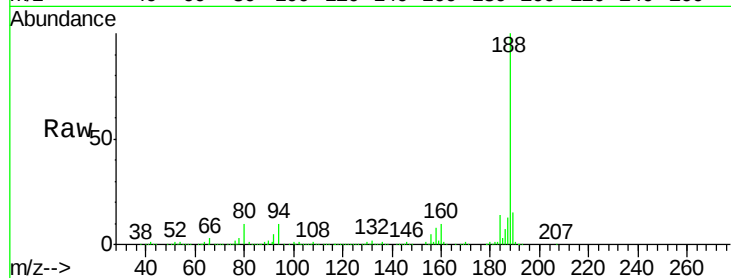
Tot Ion:188 Resp: 819781

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

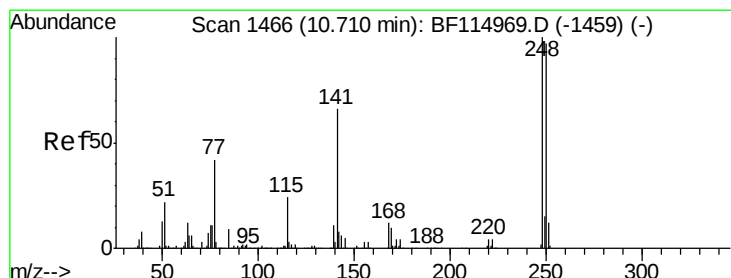
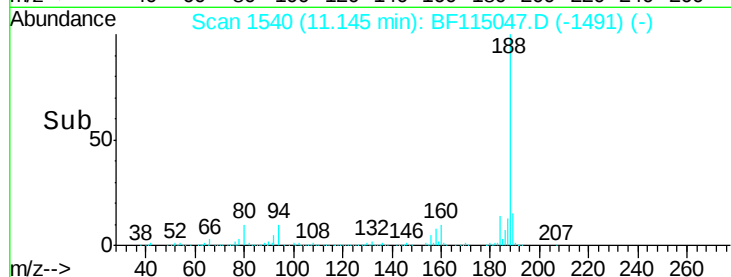
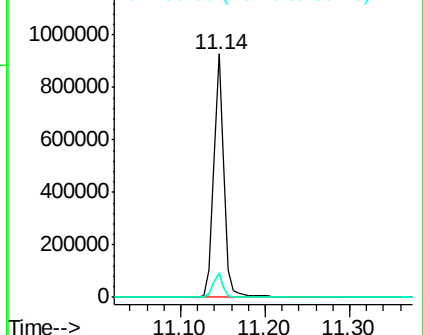
80 10.3 7.4 11.2



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: 3.520 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.25 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

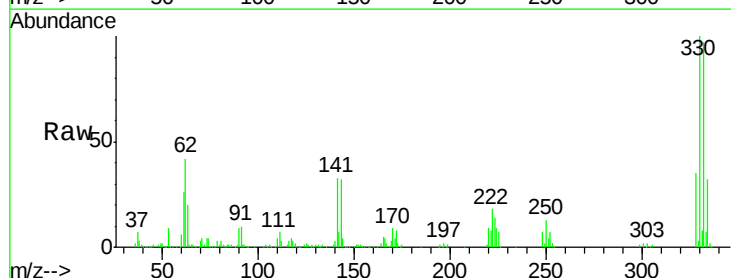
Tgt Ion:248 Resp: 30987

Ion Ratio Lower Upper

248 100

250 199.1 77.8 116.8#

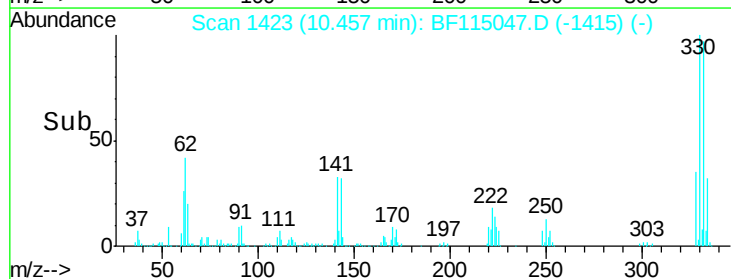
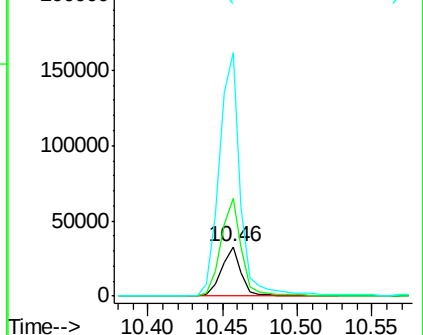
141 494.5 53.1 79.7#

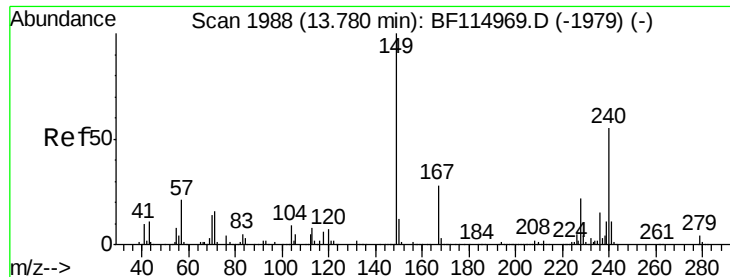


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

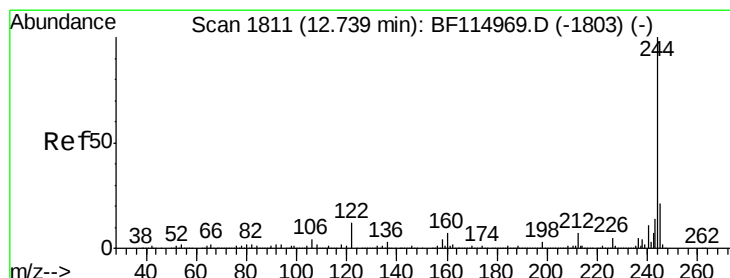
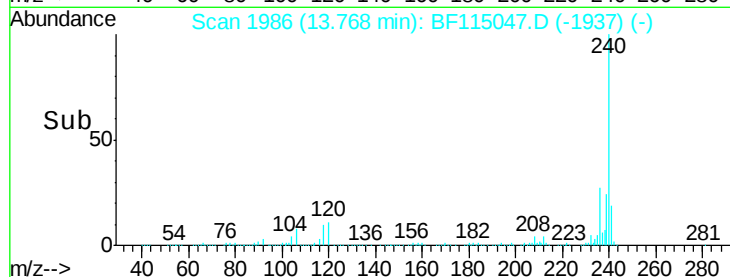
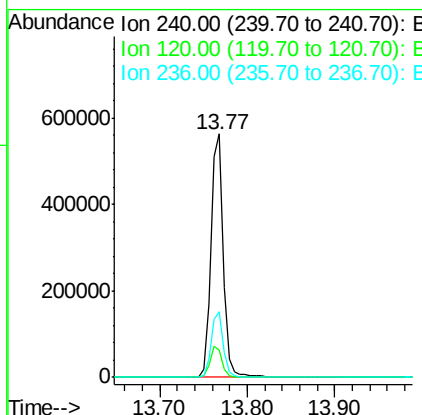
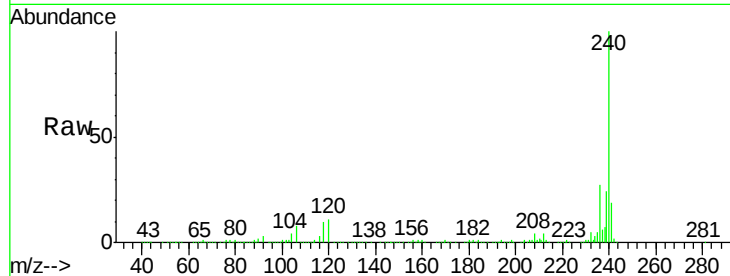




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF115047.D
 Acq: 14 Jun 2019 18:38

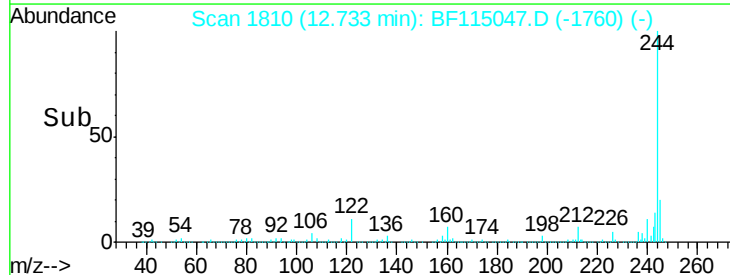
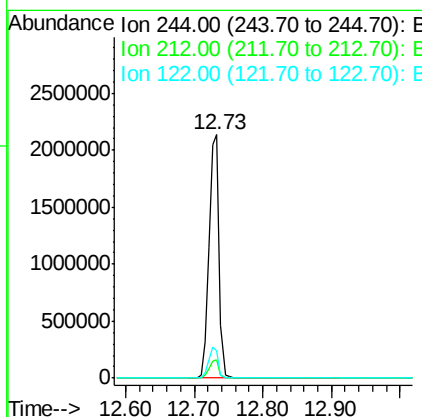
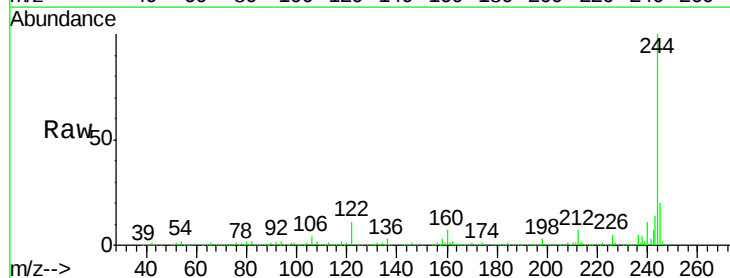
Instrument :
 BNA_F
 ClientSampleId :

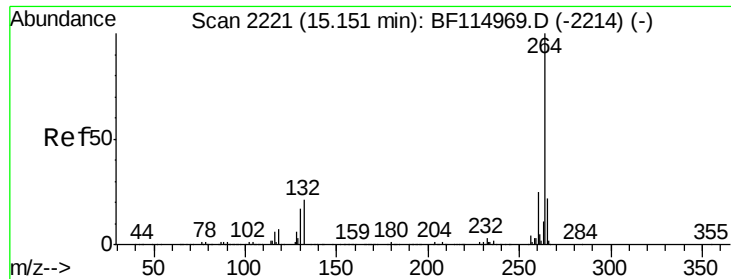
Tot Ion:240 Resp: 552171
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.0 15.0
 236 26.8 21.6 32.4



#79
 Terphenyl-d14
 Concen: 75.121 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115047.D
 Acq: 14 Jun 2019 18:38

Tgt Ion:244 Resp: 2205336
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.1 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: BF115047.D
Acq: 14 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.0	17.6	26.4

