

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115601.D
 Acq On : 16 Jul 2019 17:03
 Operator : HP/JU
 Sample : K3620-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 17 03:52:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

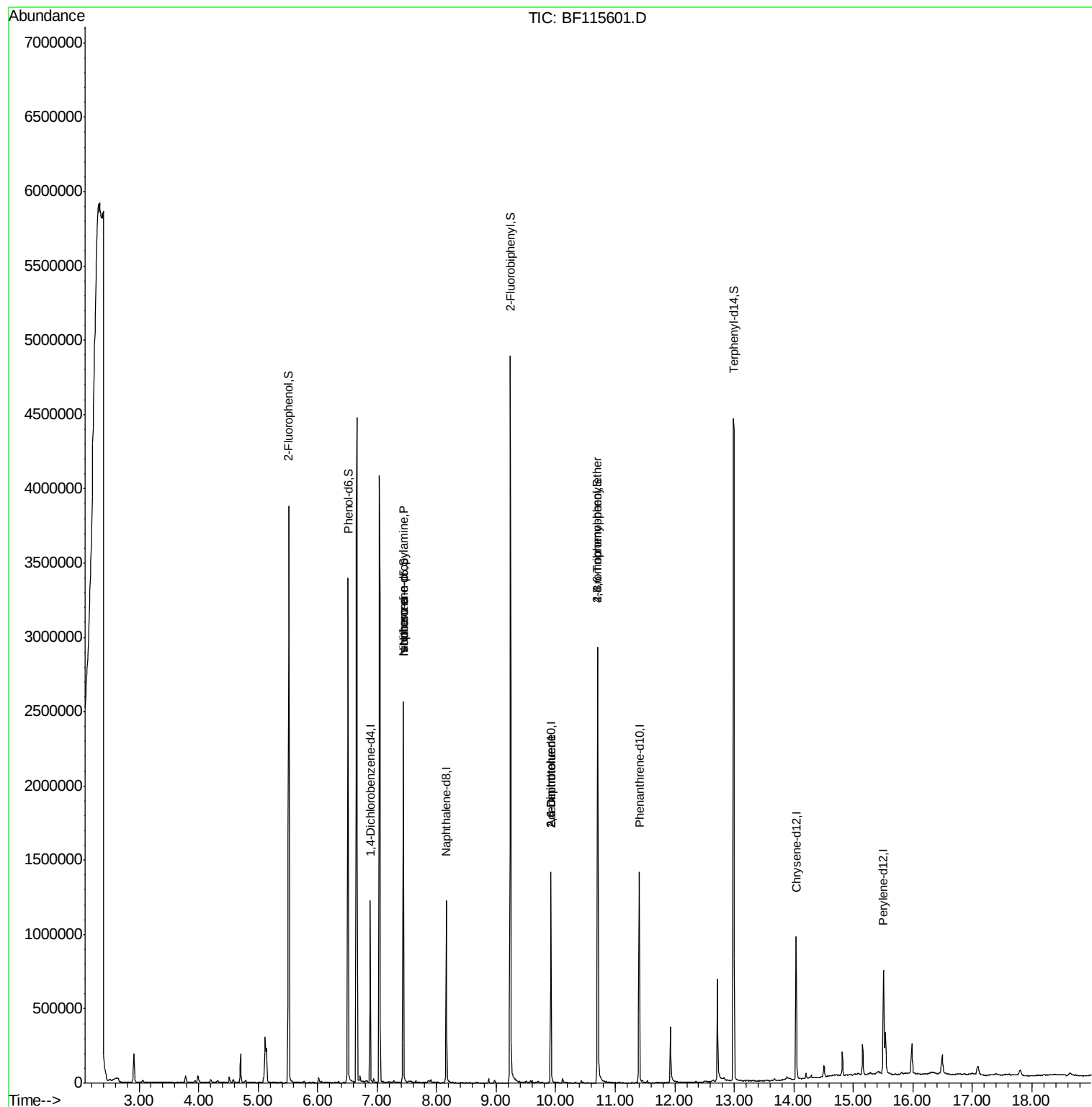
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	168206	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	548623	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	283993	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	544803	20.00	ng	0.00
76) Chrysene-d12	14.04	240	348644	20.00	ng	-0.01
87) Perylene-d12	15.51	264	399827	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1197024	116.40	ng	0.01
7) Phenol-d6	6.51	99	1351981	103.61	ng	0.00
23) Nitrobenzene-d5	7.44	82	964487	102.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	452209	136.42	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1713189	105.59	ng	-0.01
79) Terphenyl-d14	12.99	244	1805023	95.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	128943	15.152	ng	# 78
25) Isophorone	7.44	82	951179	50.381	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	36554	7.528	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	36555	5.811	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	27607	4.434	ng	# 1

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

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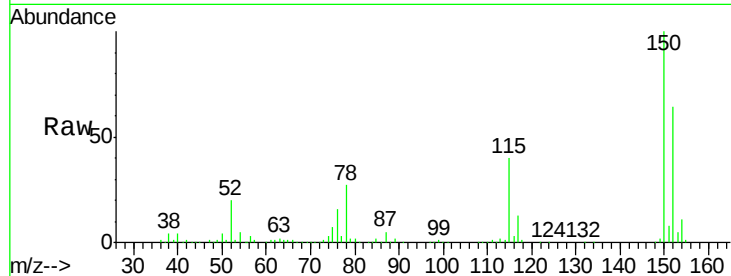


#1

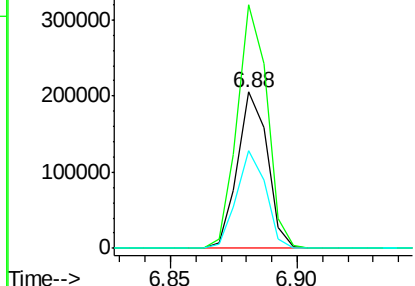
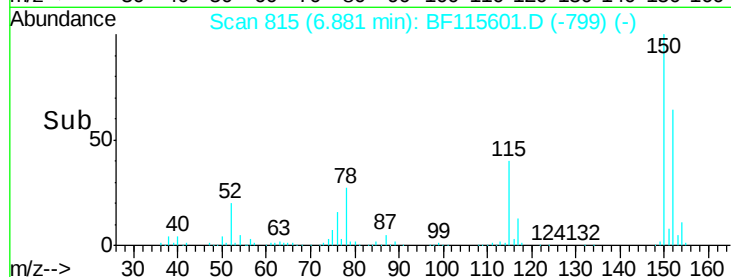
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115601.D
Acq: 16 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168206
Ion Ratio Lower Upper
152 100
150 155.9 129.7 194.5
115 62.2 48.2 72.4



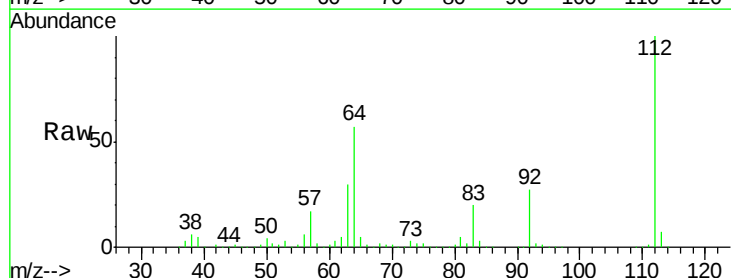
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



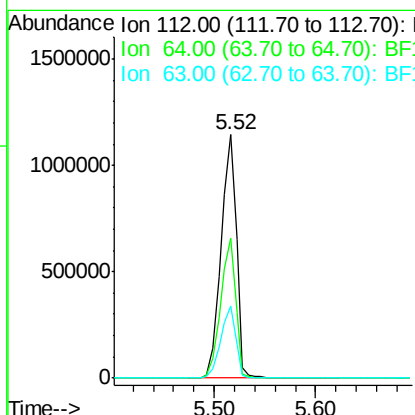
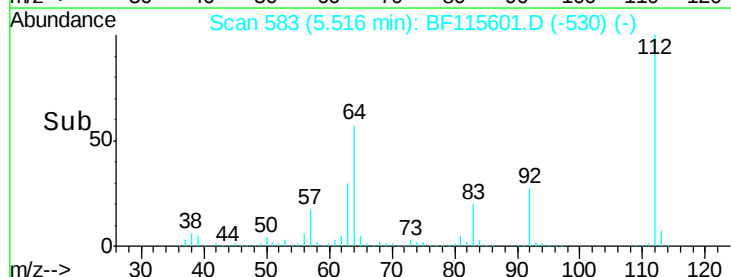
#5

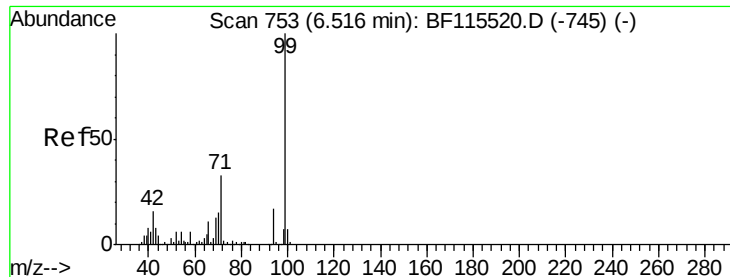
2-Fluorophenol
Concen: 116.404 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115601.D
Acq: 16 Jul 2019 17:03

Tgt Ion:112 Resp: 1197024
Ion Ratio Lower Upper
112 100
64 57.4 46.8 70.2
63 29.6 24.1 36.1



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: 103.613 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115601.D

Acq: 16 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

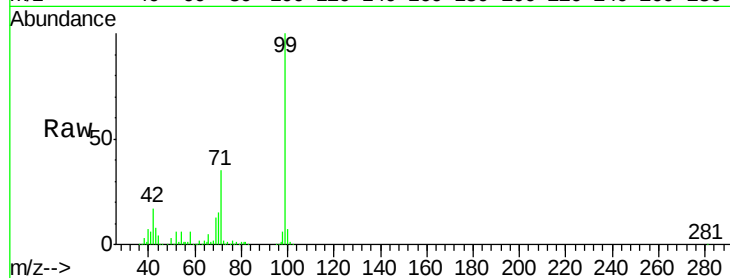
Tot Ion: 99 Resp: 1351981

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

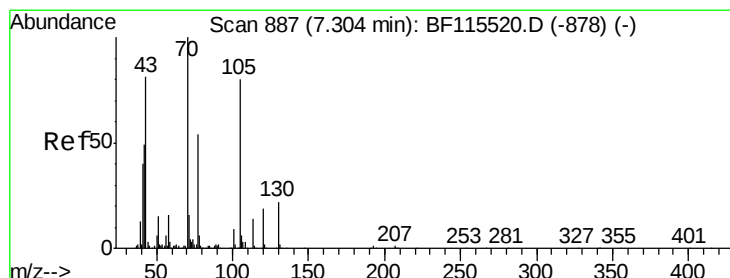
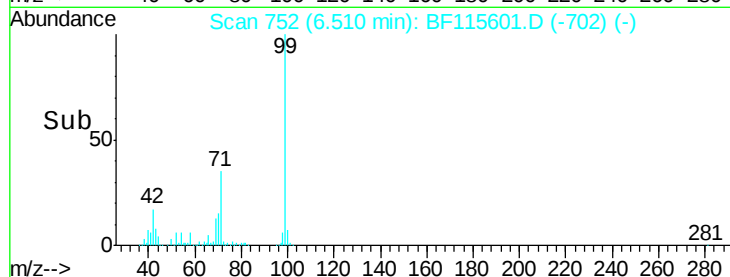
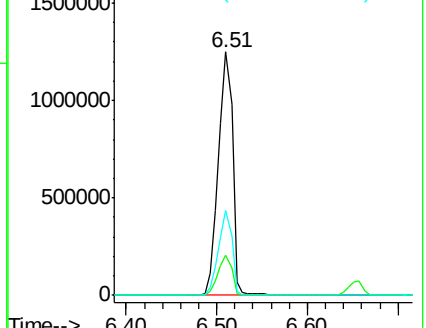
71 34.9 28.5 42.7



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: 15.152 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115601.D

Acq: 16 Jul 2019 17:03

Tgt Ion: 70 Resp: 128943

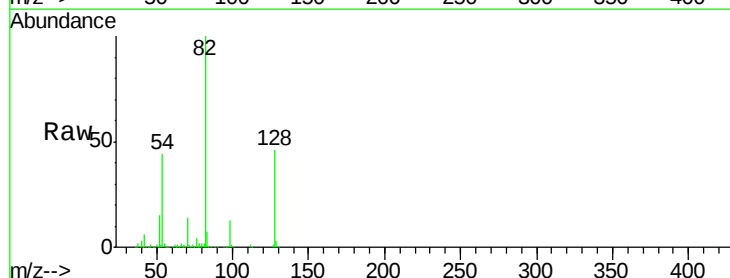
Ion Ratio Lower Upper

70 100

42 41.1 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#

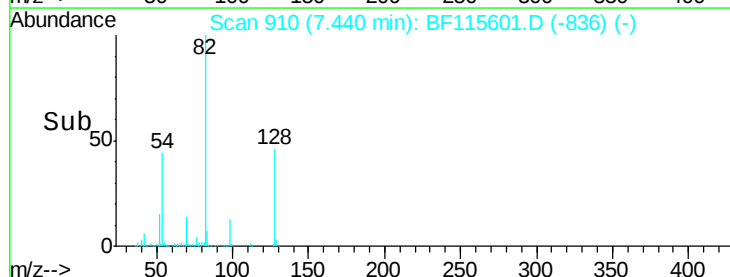
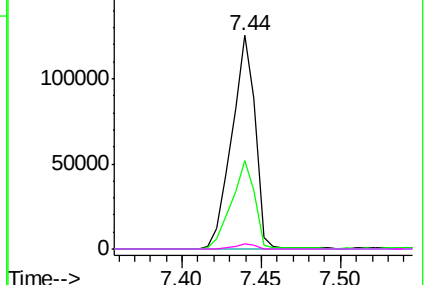


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115601.D

Acq: 16 Jul 2019 17:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 548623

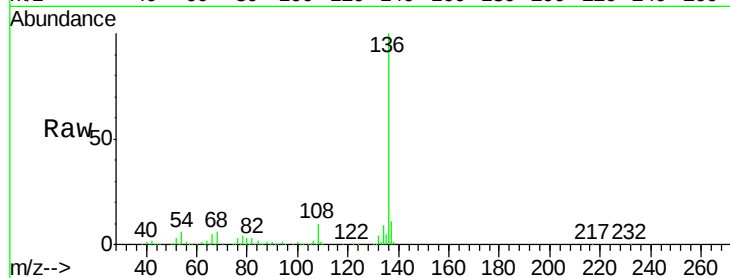
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.1 5.6 8.4

68 5.6 5.0 7.6

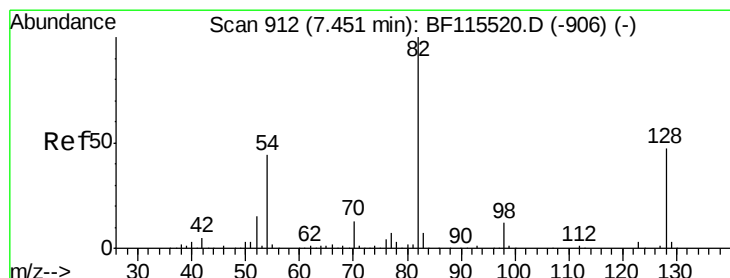
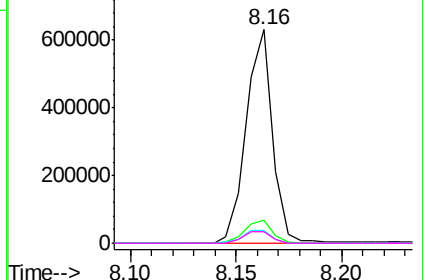
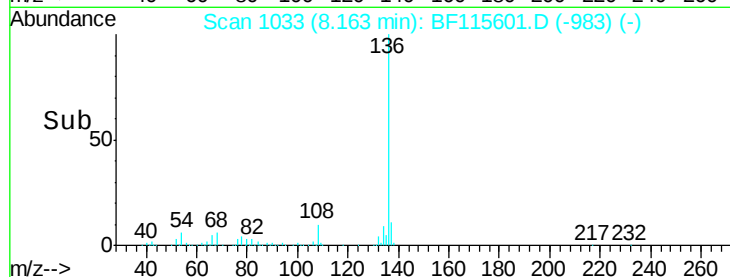


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.223 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115601.D

Acq: 16 Jul 2019 17:03

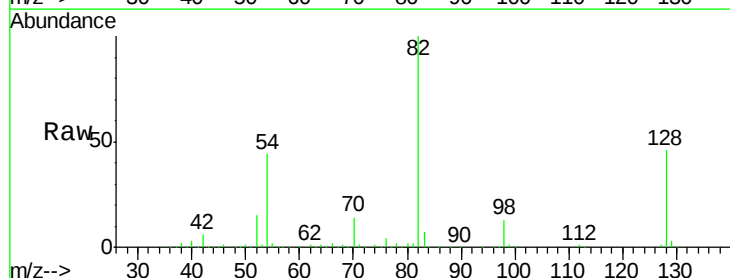
Tgt Ion: 82 Resp: 964487

Ion Ratio Lower Upper

82 100

128 46.0 38.6 57.8

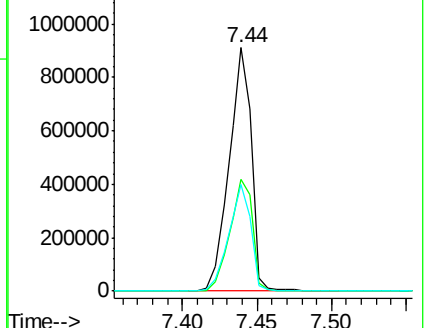
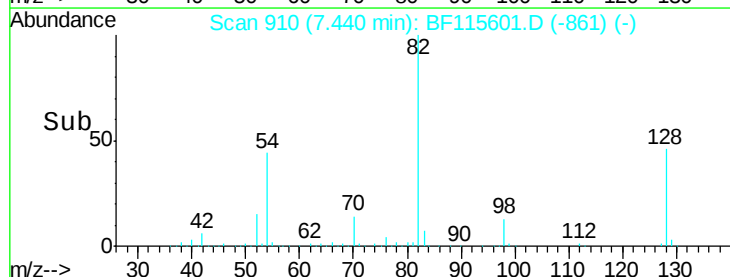
54 44.0 35.6 53.4

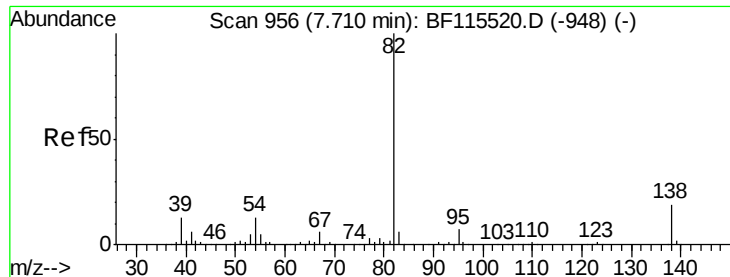


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.381 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115601.D

Acq: 16 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

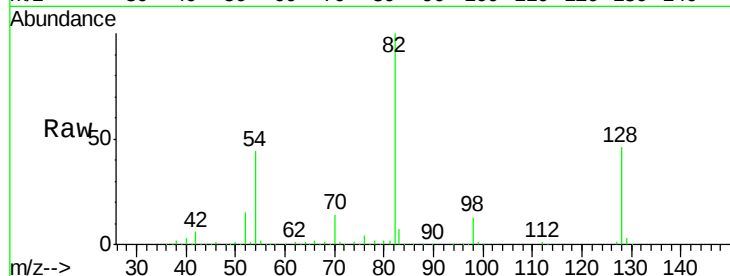
Tot Ion: 82 Resp: 951179

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

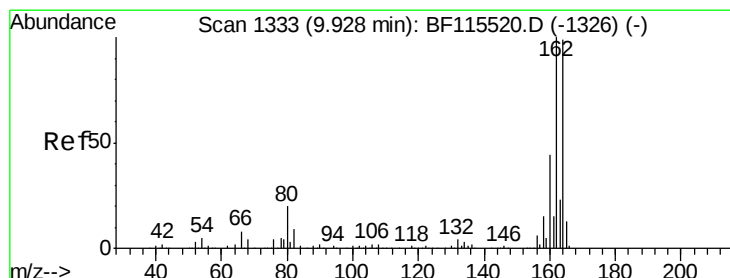
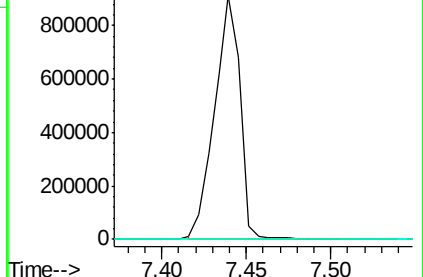
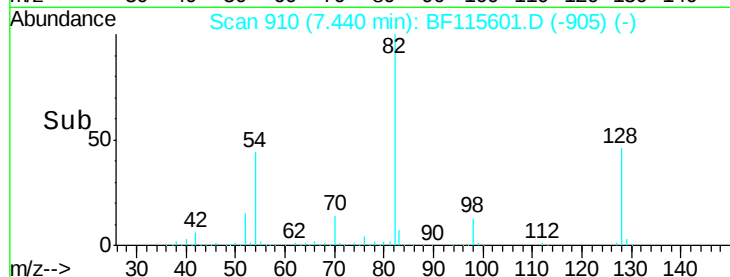
138 0.0 14.9 22.3#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115601.D

Acq: 16 Jul 2019 17:03

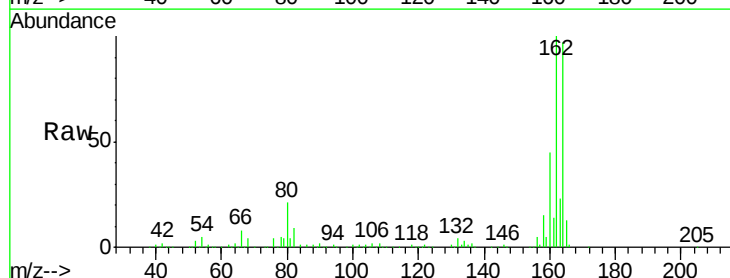
Tgt Ion:164 Resp: 283993

Ion Ratio Lower Upper

164 100

162 103.3 82.9 124.3

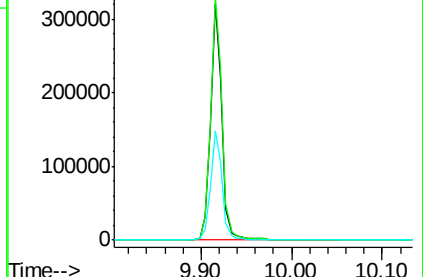
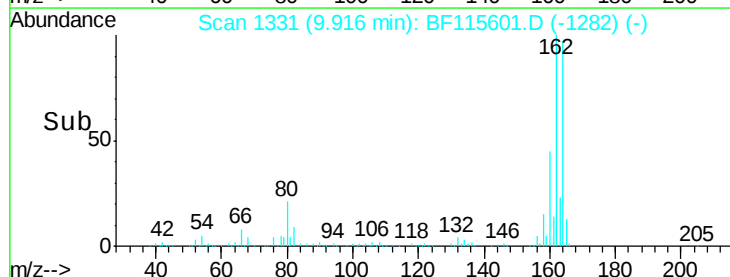
160 46.3 36.8 55.2



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

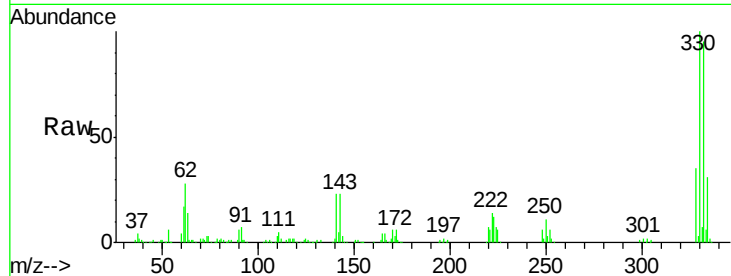




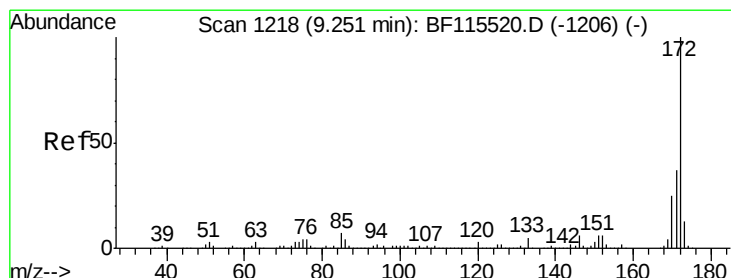
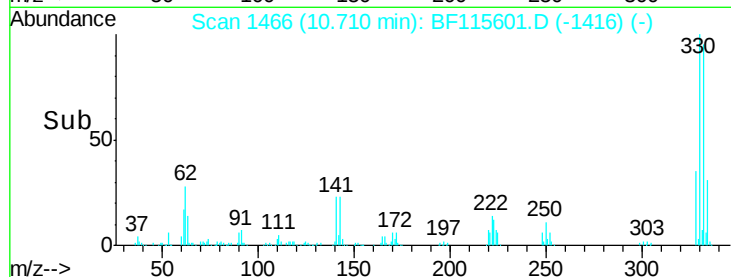
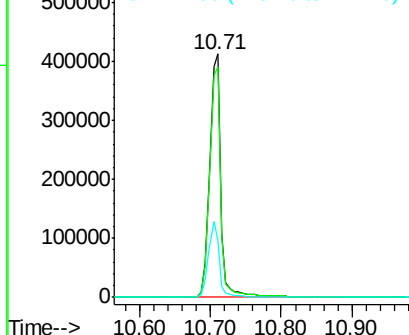
#42
 2,4,6-Tribromophenol
 Concen: 136.418 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115601.D
 Acq: 16 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 452209
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 30.3 22.4 33.6

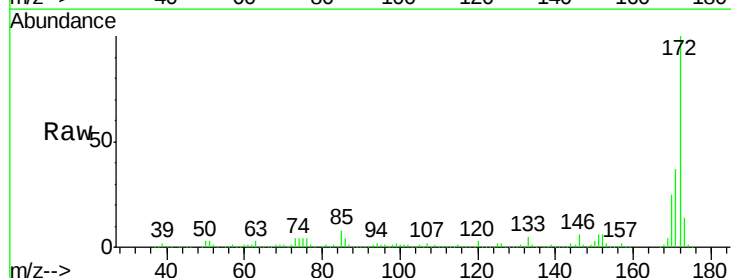


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

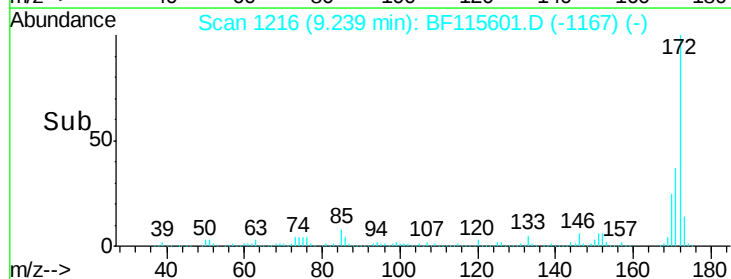
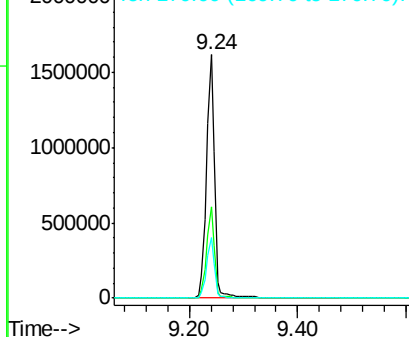


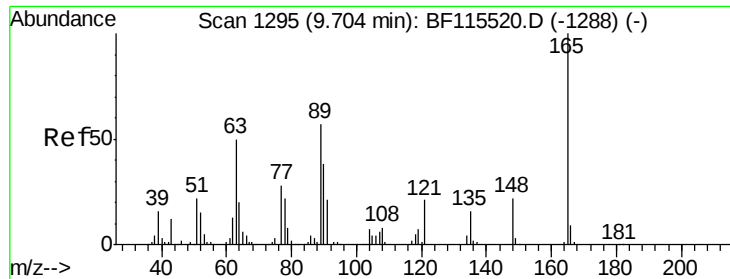
#45
 2-Fluorobiphenyl
 Concen: 105.586 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115601.D
 Acq: 16 Jul 2019 17:03

Tgt Ion:172 Resp: 1713189
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.6 46.0
 170 25.0 20.5 30.7



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: 7.528 ng

RT: 9.92 min Scan# 1331

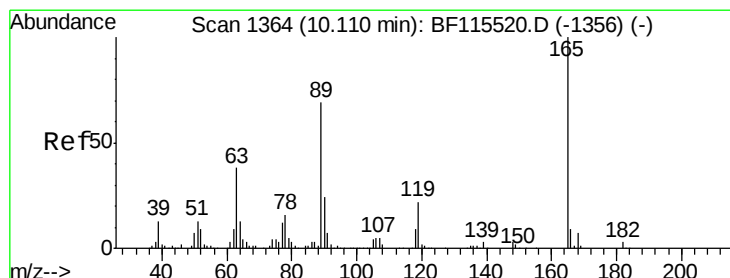
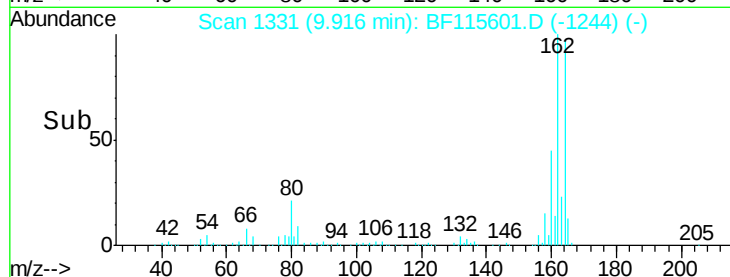
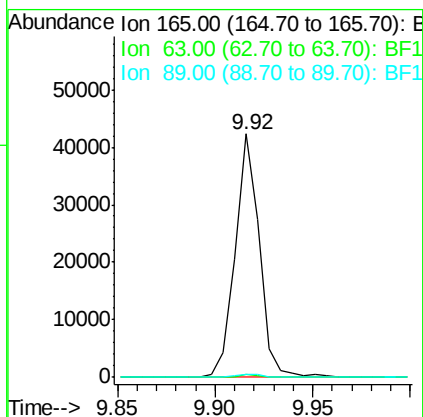
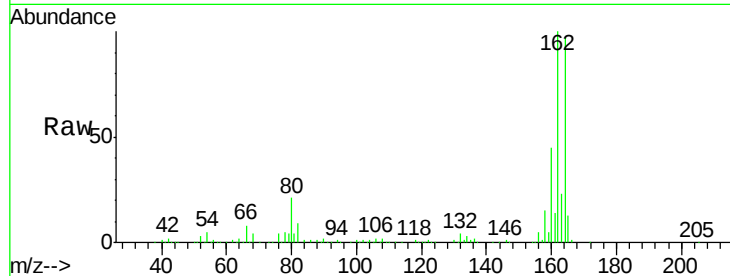
Delta R.T. 0.21 min

Lab File: BF115601.D

Acq: 16 Jul 2019 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	36554
Ion Ratio	Lower	Upper
165	100	
63	1.4	40.6 61.0#
89	1.4	43.9 65.9#



#57

2,4-Dinitrotoluene

Concen: 5.811 ng

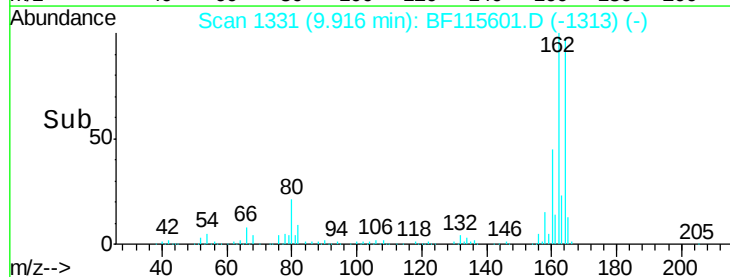
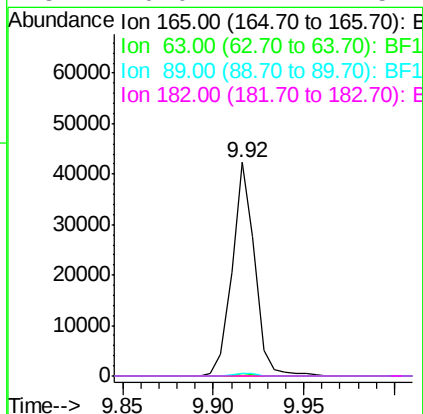
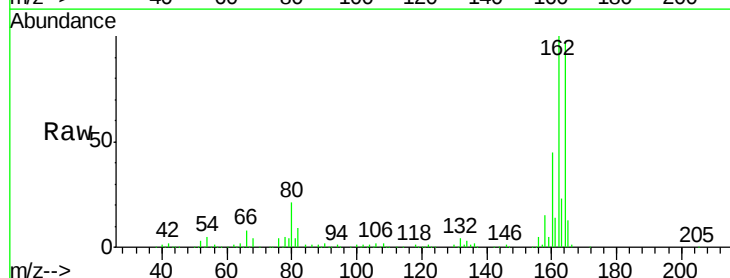
RT: 9.92 min Scan# 1331

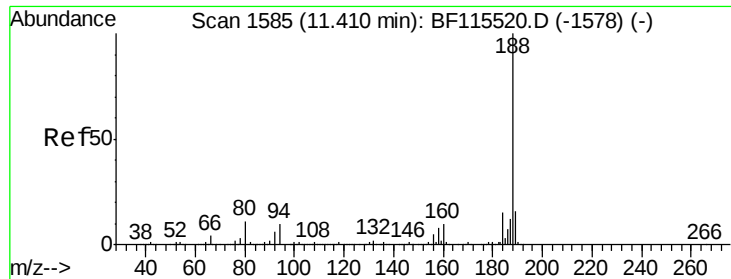
Delta R.T. -0.19 min

Lab File: BF115601.D

Acq: 16 Jul 2019 17:03

Tgt Ion:165	Resp:	36555
Ion Ratio	Lower	Upper
165	100	
63	1.4	34.9 52.3#
89	1.4	57.5 86.3#
182	0.0	2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115601.D

Acq: 16 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

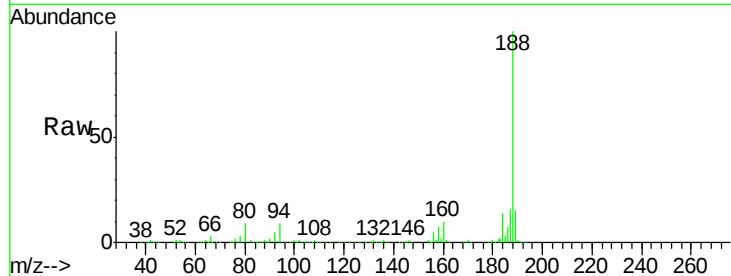
Tot Ion:188 Resp: 544803

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

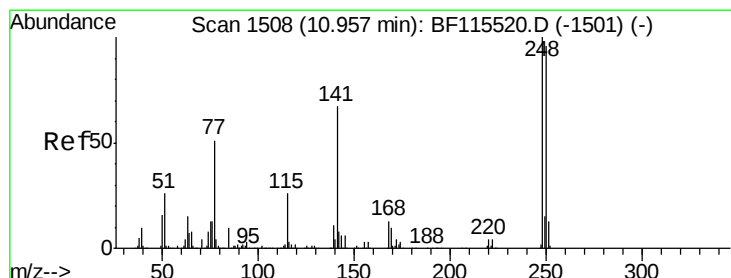
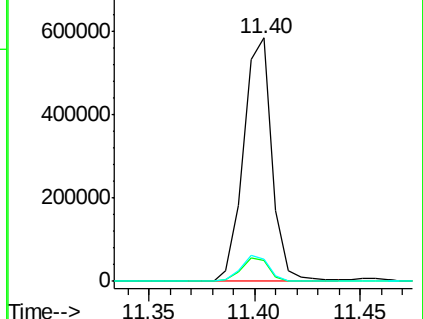
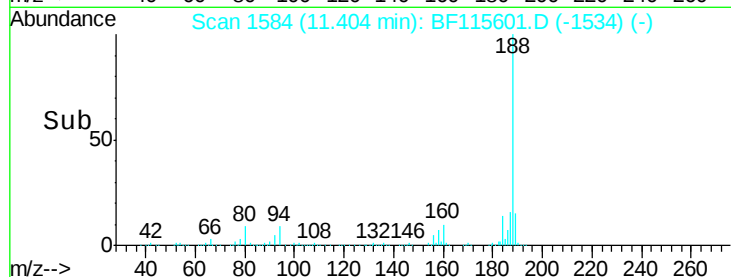
80 9.2 8.6 13.0



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: 4.434 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115601.D

Acq: 16 Jul 2019 17:03

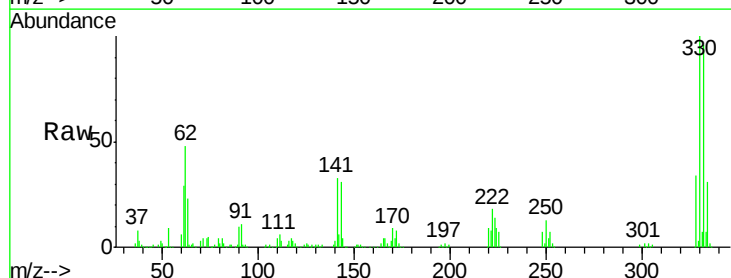
Tgt Ion:248 Resp: 27607

Ion Ratio Lower Upper

248 100

250 196.5 78.0 117.0#

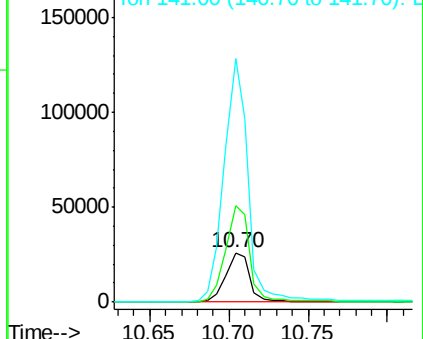
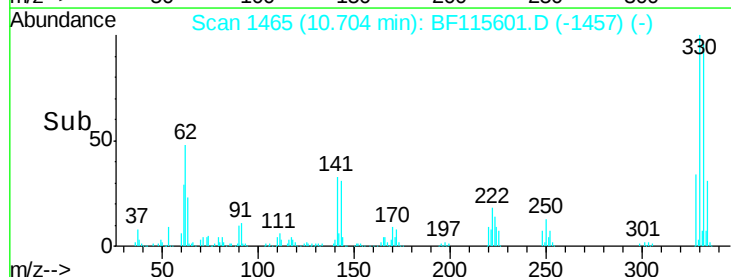
141 493.3 57.7 86.5#

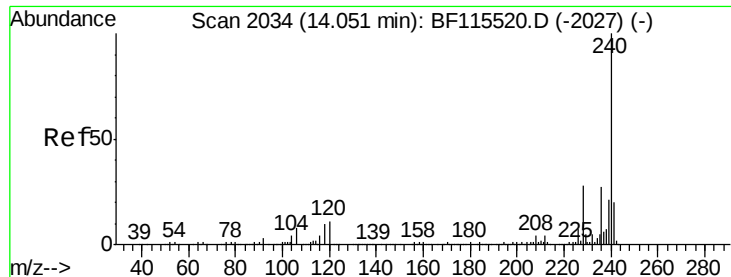


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

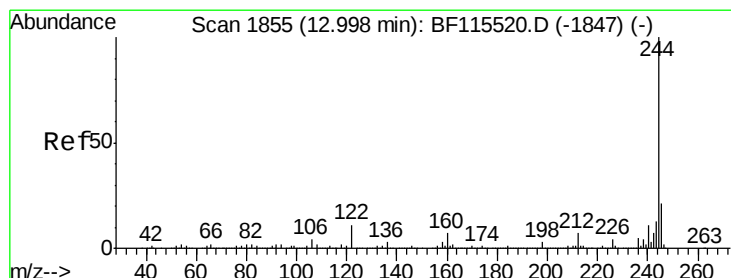
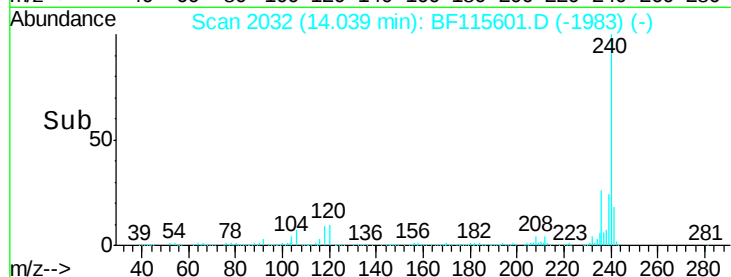
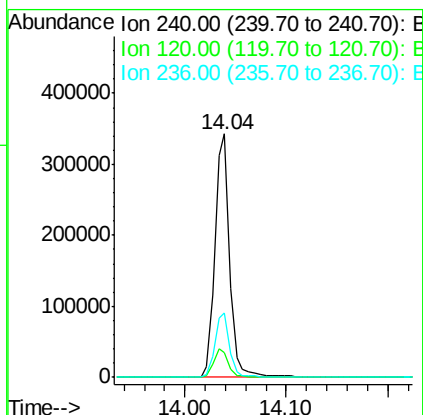
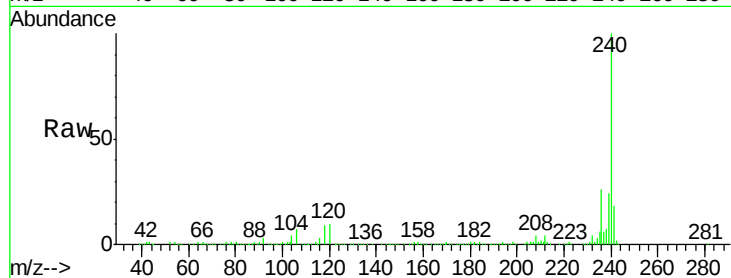




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115601.D
 Acq: 16 Jul 2019 17:03

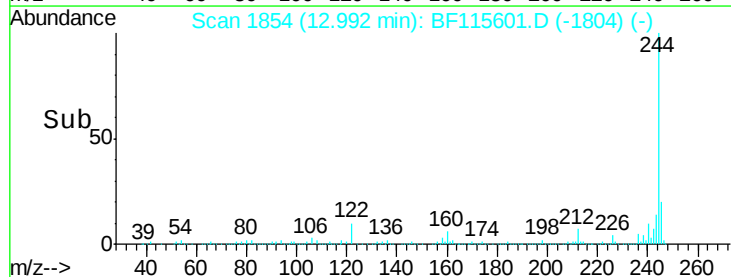
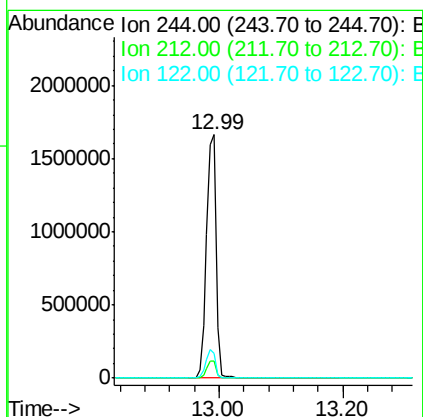
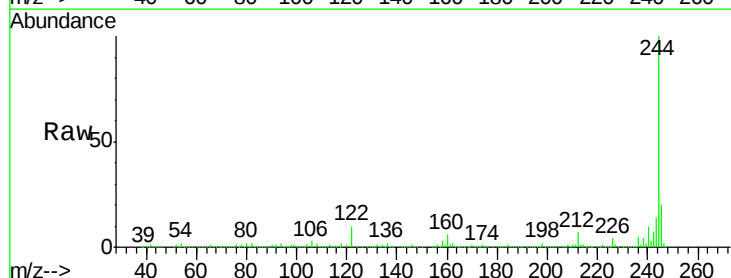
Instrument :
 BNA_F
 ClientSampleId :

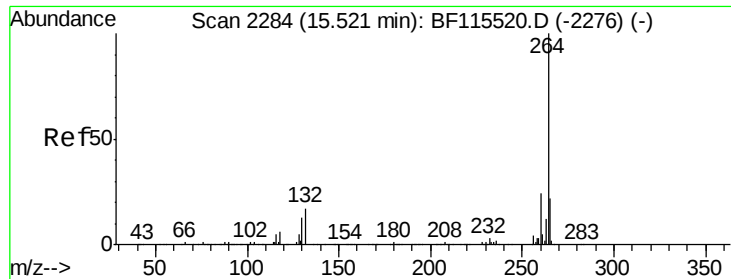
Tot Ion:240 Resp: 348644
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.6 13.0
 236 26.4 21.3 31.9



#79
 Terphenyl-d14
 Concen: 95.529 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115601.D
 Acq: 16 Jul 2019 17:03

Tgt Ion:244 Resp: 1805023
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.9 8.6 12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115601.D
Acq: 16 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.8	17.7	26.5

