

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115567.D
 Acq On : 15 Jul 2019 20:07
 Operator : HP/JU
 Sample : PB121287BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:43:52 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

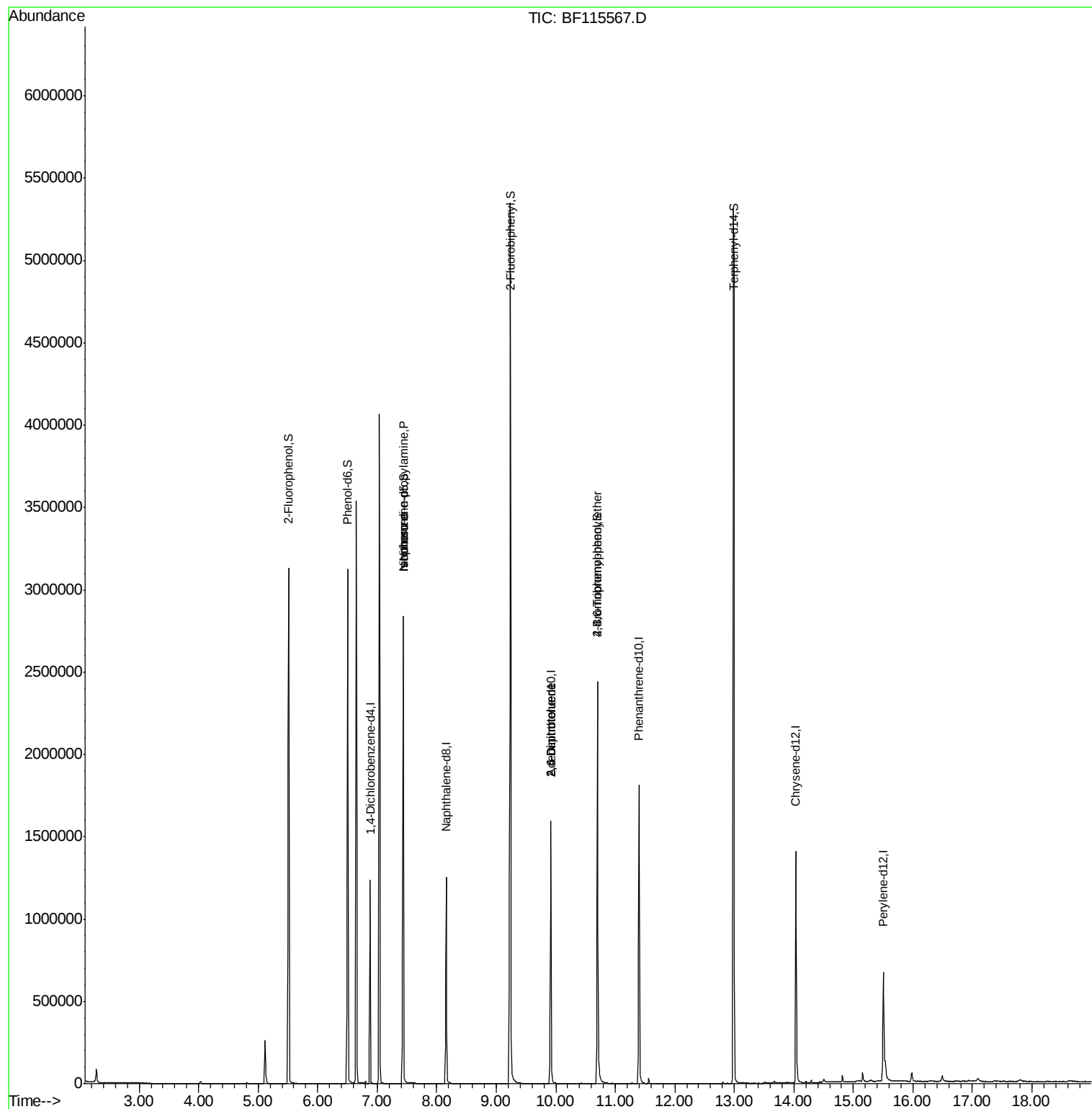
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179183	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	703937	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	352122	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	718892	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	511635	20.00	ng	-0.02
87) Perylene-d12	15.50	264	444012	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	989633	90.34	ng	0.00
7) Phenol-d6	6.50	99	1241669	89.33	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1150422	95.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	382634	93.10	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	2090656	103.92	ng	-0.01
79) Terphenyl-d14	12.99	244	2192654	79.08	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	151935	16.760	ng	# 77
25) Isophorone	7.44	82	1136173	46.901	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	44696	7.424	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	44800	5.744	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	22991	2.799	ng	# 1

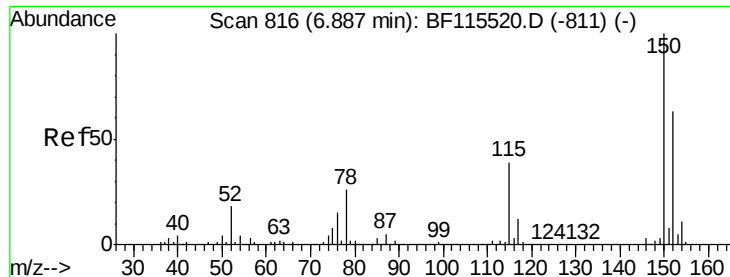
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Jul 16 01:43:52 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



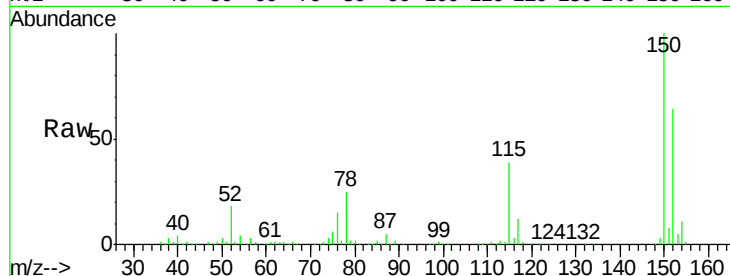


#1

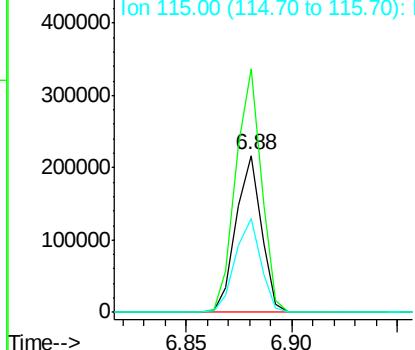
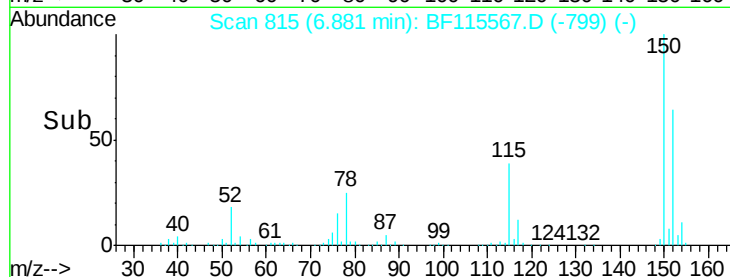
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115567.D
Acq: 15 Jul 2019 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179183
Ion Ratio Lower Upper
152 100
150 155.1 129.7 194.5
115 60.1 48.2 72.4



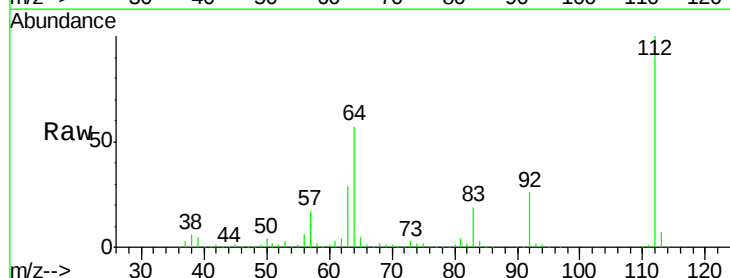
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



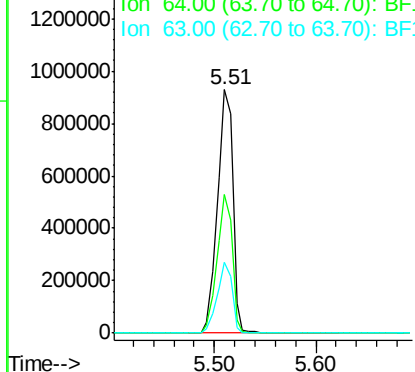
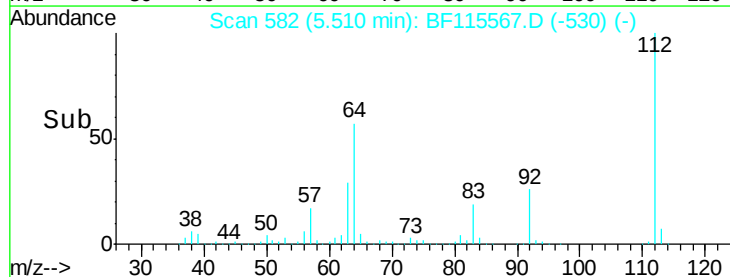
#5

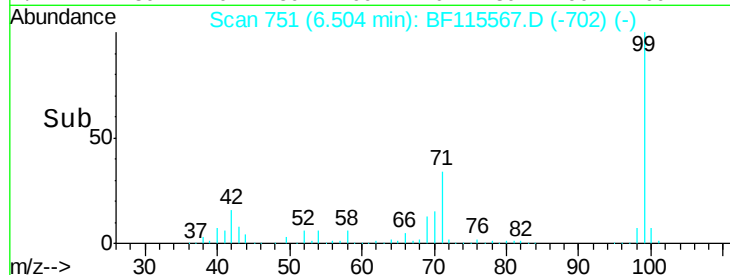
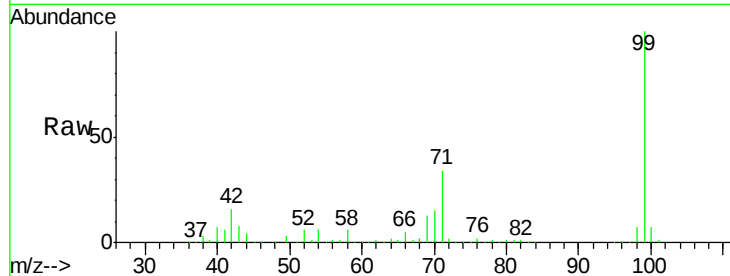
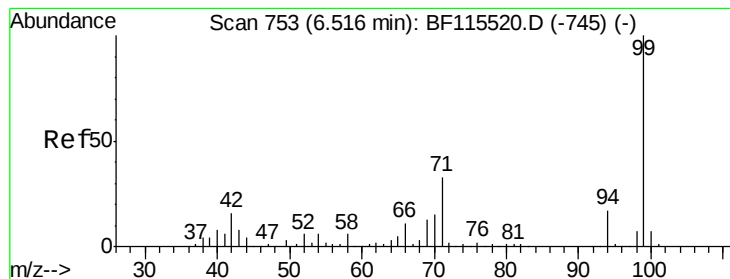
2-Fluorophenol
Concen: 90.341 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115567.D
Acq: 15 Jul 2019 20:07

Tgt Ion:112 Resp: 989633
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 28.9 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: 89.329 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115567.D

Acq: 15 Jul 2019 20:07

Tot Ion: 99 Resp: 1241669

Ion Ratio Lower Upper

99 100

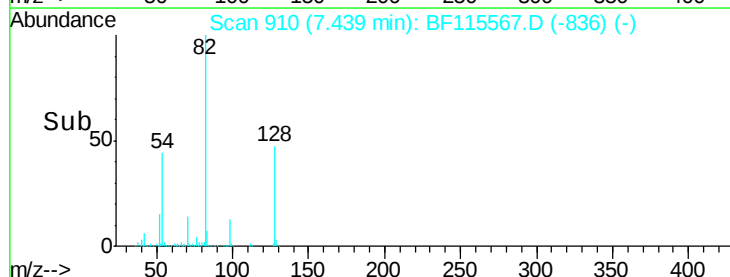
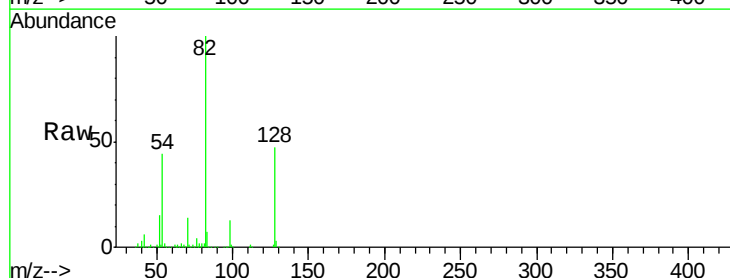
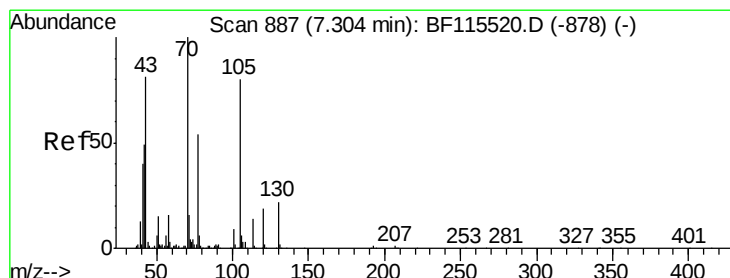
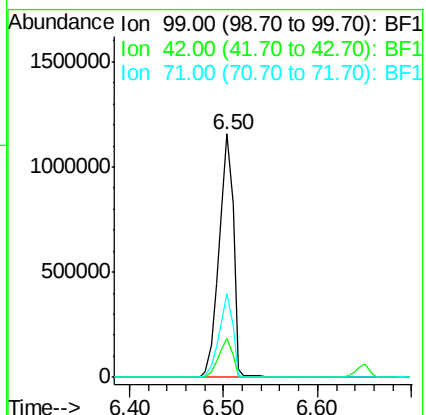
42 16.0 13.6 20.4

71 34.3 28.5 42.7

Instrument :

BNA_F

ClientSampleId :



#19

n-Nitroso-di-n-propylamine

Concen: 16.760 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115567.D

Acq: 15 Jul 2019 20:07

Tgt Ion: 70 Resp: 151935

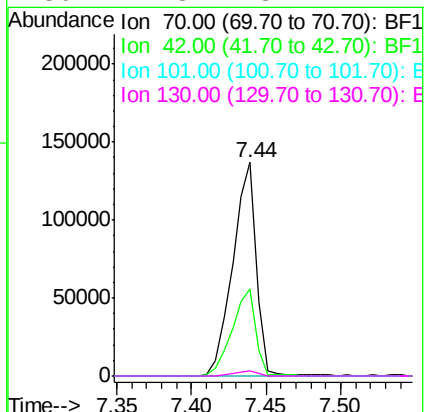
Ion Ratio Lower Upper

70 100

42 40.7 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115567.D

Acq: 15 Jul 2019 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 703937

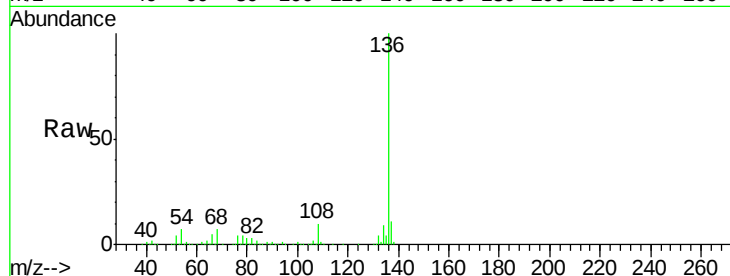
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.2 5.6 8.4

68 6.5 5.0 7.6

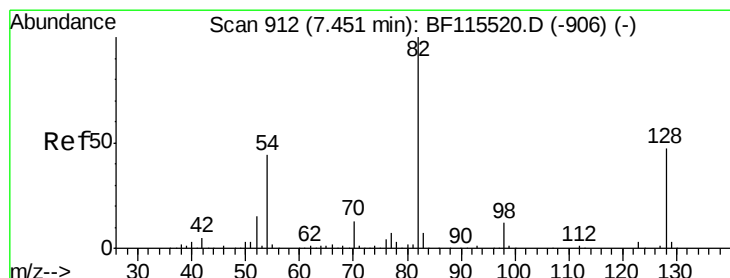
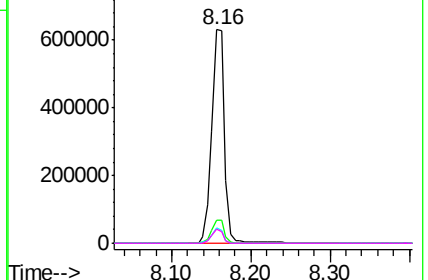
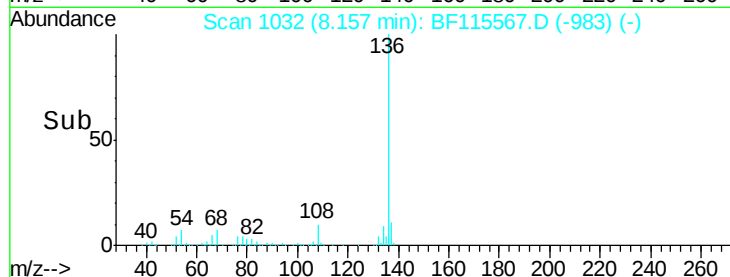


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.027 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115567.D

Acq: 15 Jul 2019 20:07

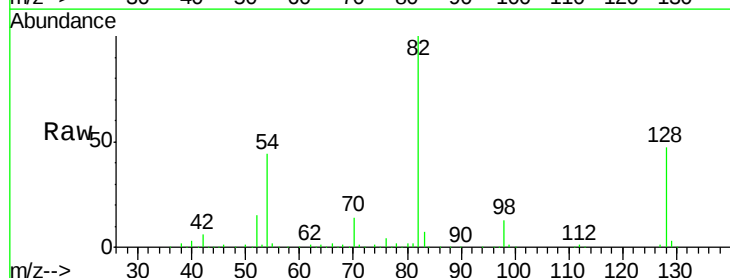
Tgt Ion: 82 Resp: 1150422

Ion Ratio Lower Upper

82 100

128 47.0 38.6 57.8

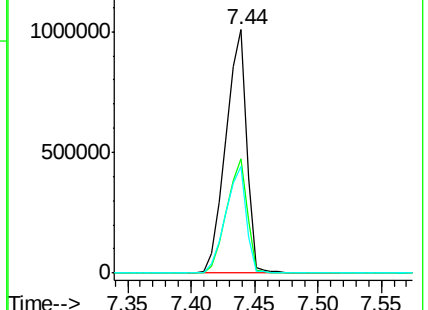
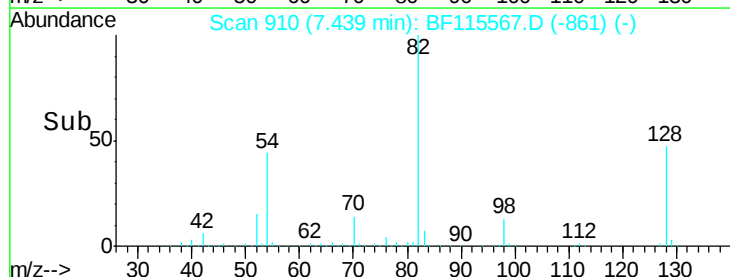
54 43.6 35.6 53.4



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: 46.901 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115567.D

Acq: 15 Jul 2019 20:07

Instrument :

BNA_F

ClientSampleId :

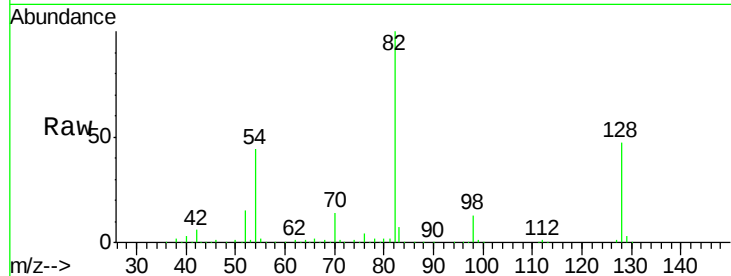
Tot Ion: 82 Resp: 1136173

Ion Ratio Lower Upper

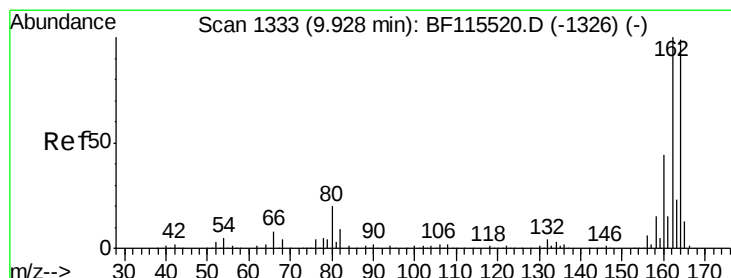
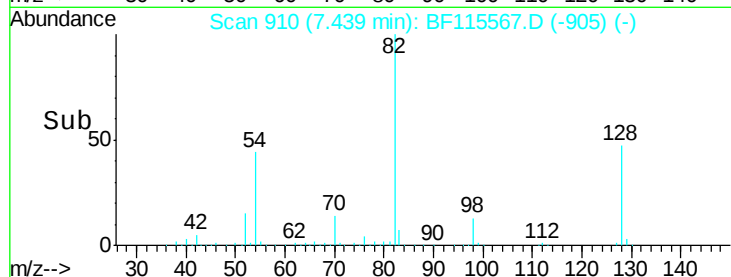
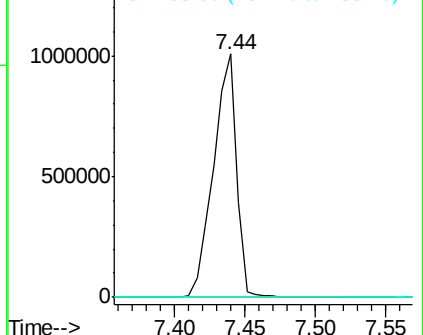
82 100

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: BF115567.D

Acq: 15 Jul 2019 20:07

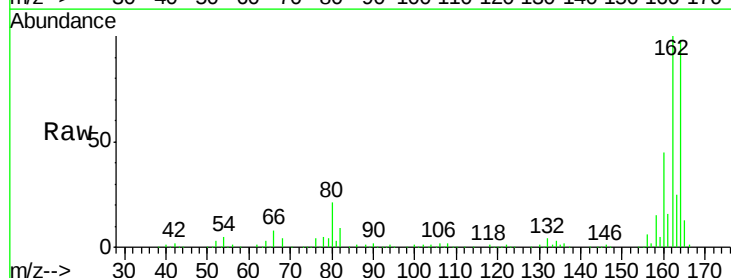
Tgt Ion:164 Resp: 352122

Ion Ratio Lower Upper

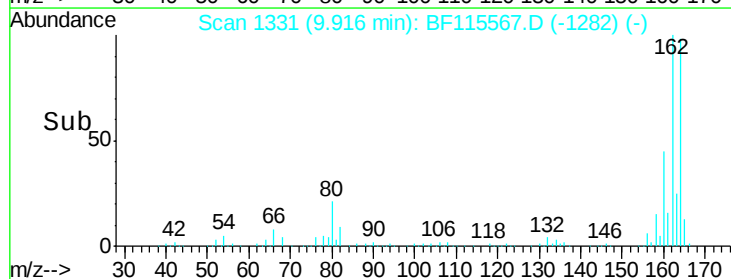
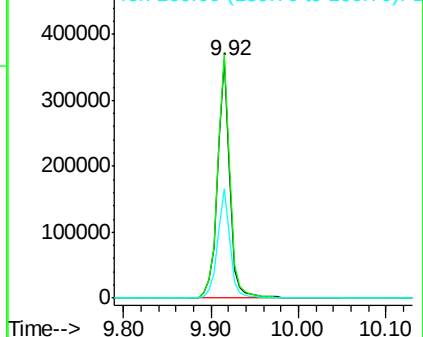
164 100

162 102.3 82.9 124.3

160 46.0 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

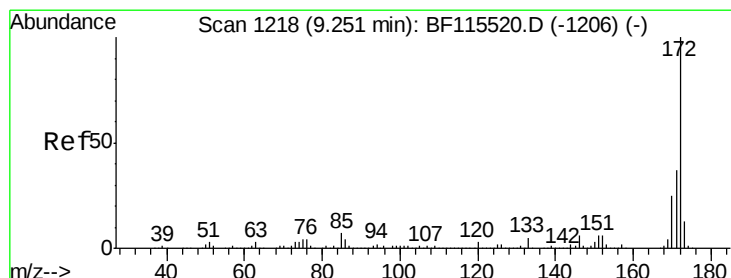
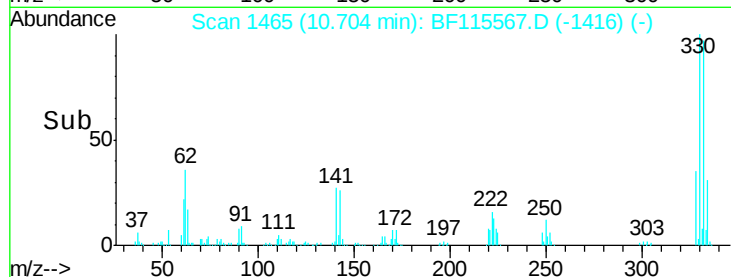
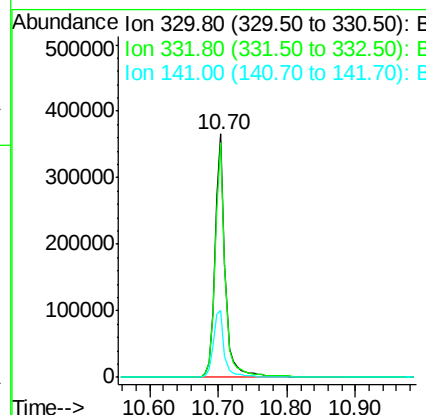
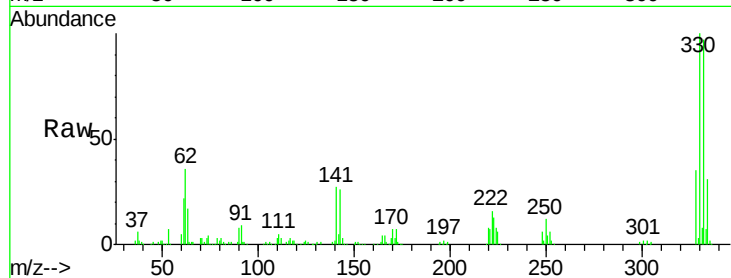




#42
 2,4,6-Tribromophenol
 Concen: 93.096 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115567.D
 Acq: 15 Jul 2019 20:07

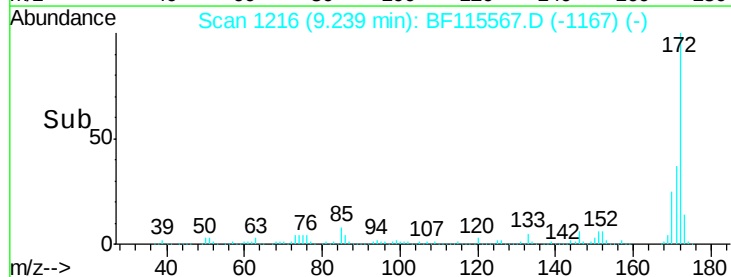
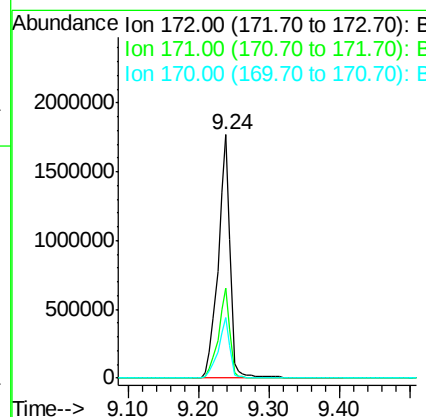
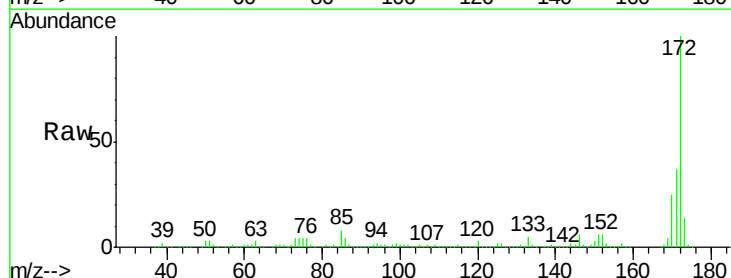
Instrument :
 BNA_F
 ClientSampled :

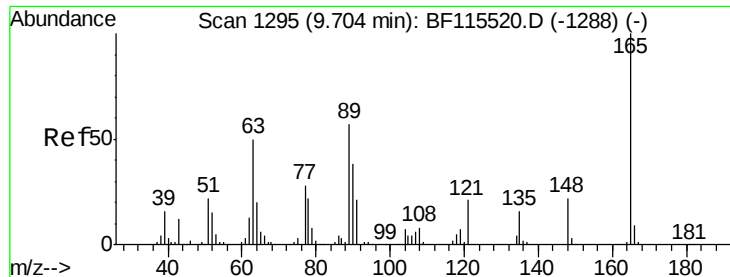
Tot Ion:330 Resp: 382634
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 30.4 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 103.920 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115567.D
 Acq: 15 Jul 2019 20:07

Tgt Ion:172 Resp: 2090656
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.6 46.0
 170 25.1 20.5 30.7

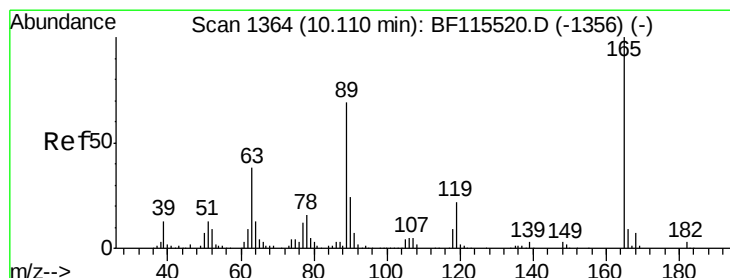
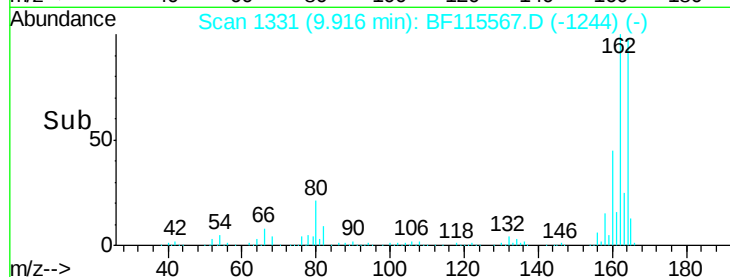
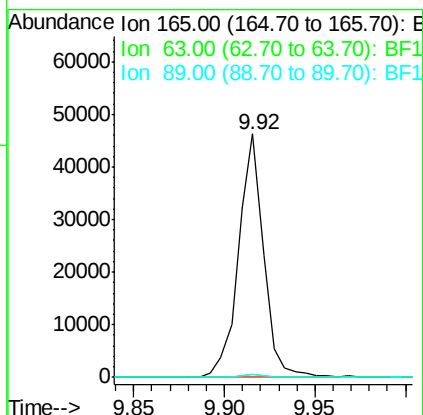
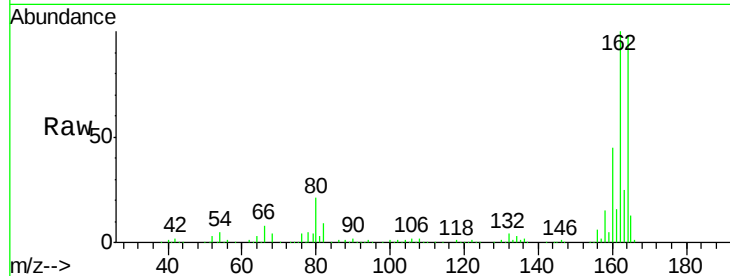




#51
 2,6-Dinitrotoluene
 Concen: 7.424 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115567.D
 Acq: 15 Jul 2019 20:07

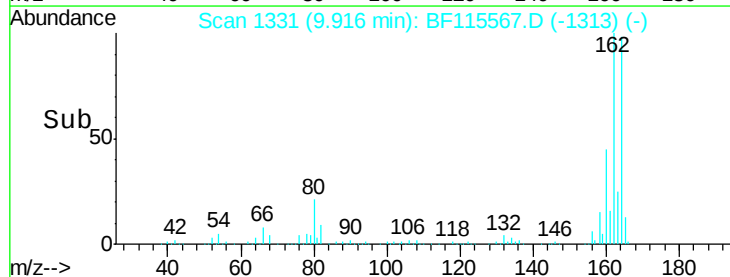
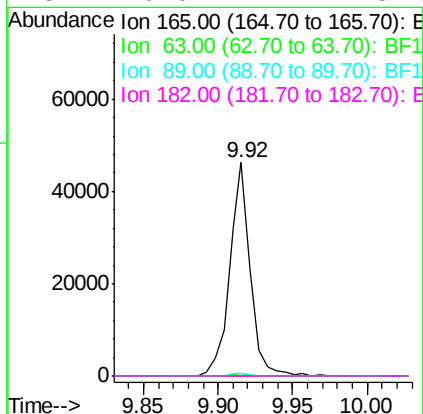
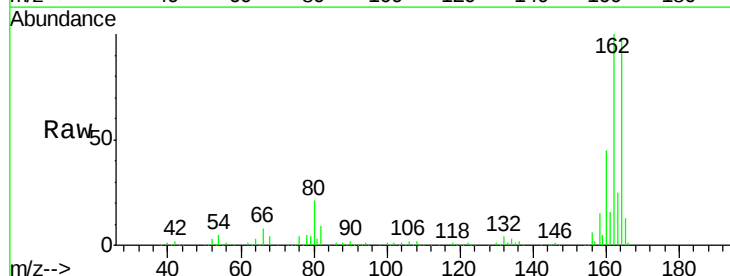
Instrument :
 BNA_F
 ClientSampleId :

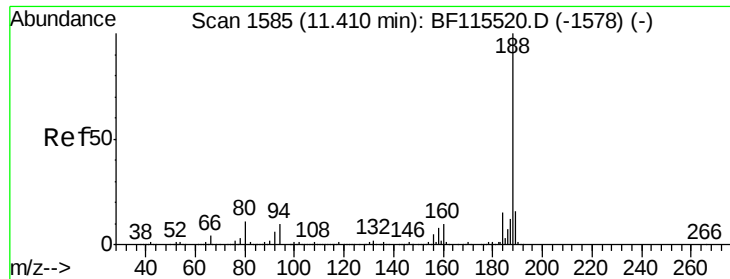
Tot Ion:165 Resp: 44696
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.6 61.0#
 89 1.3 43.9 65.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.744 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115567.D
 Acq: 15 Jul 2019 20:07

Tgt Ion:165 Resp: 44800
 Ion Ratio Lower Upper
 165 100
 63 1.0 34.9 52.3#
 89 1.3 57.5 86.3#
 182 0.0 2.2 3.4#

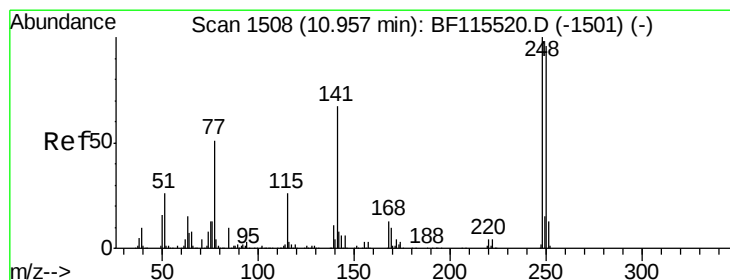
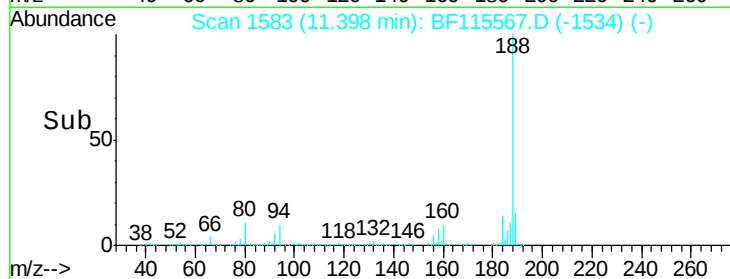
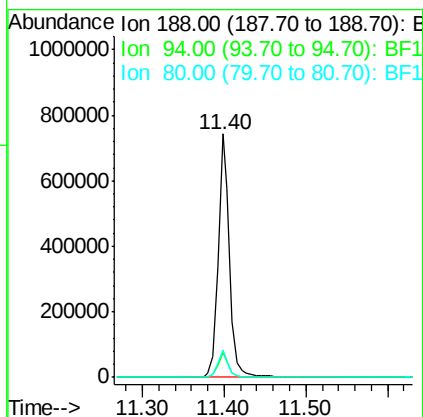
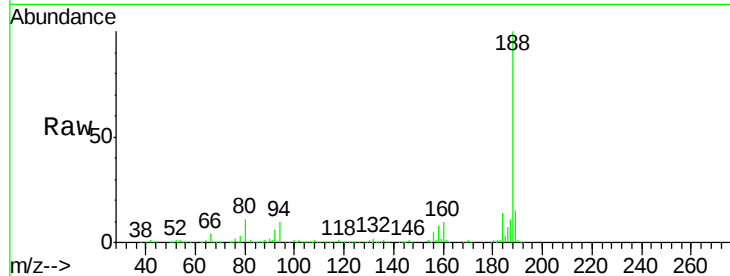




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115567.D
Acq: 15 Jul 2019 20:07

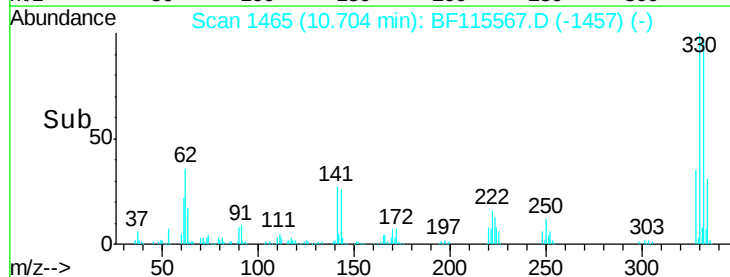
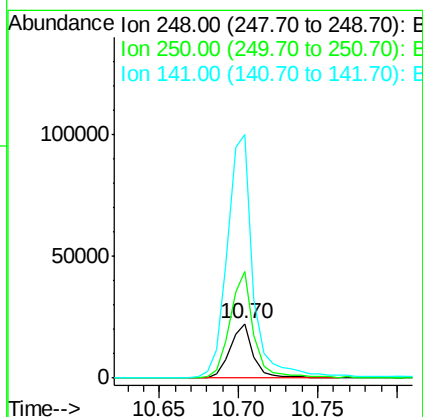
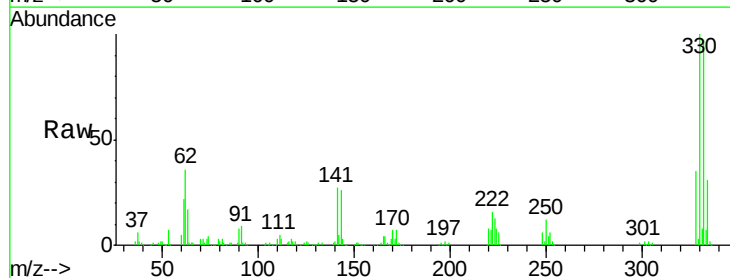
Instrument :
BNA_F
ClientSampleId :

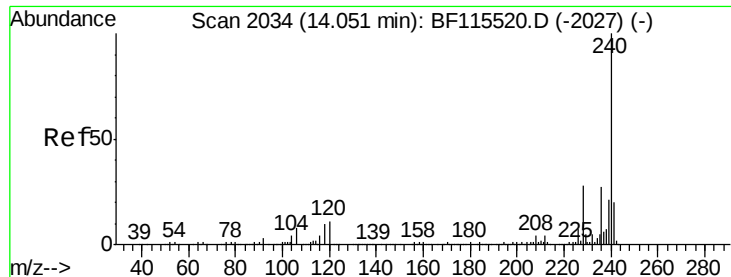
Tot Ion:188 Resp: 718892
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 11.1 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 2.799 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115567.D
Acq: 15 Jul 2019 20:07

Tgt Ion:248 Resp: 22991
Ion Ratio Lower Upper
248 100
250 195.6 78.0 117.0#
141 445.6 57.7 86.5#

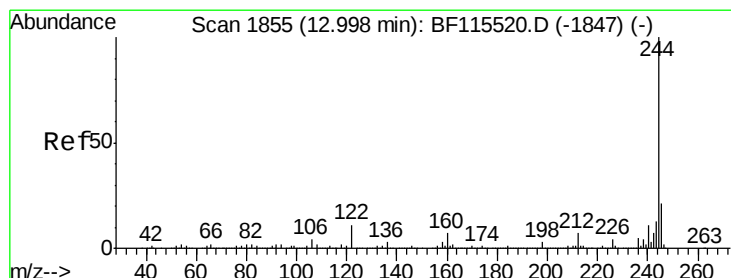
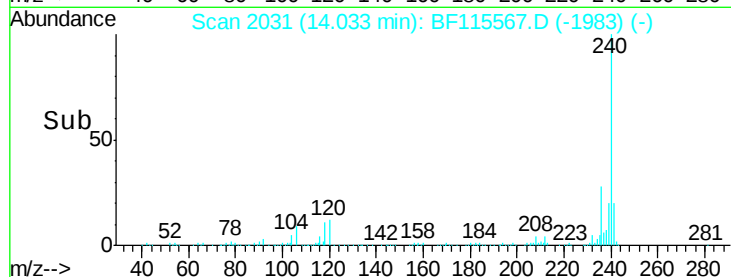
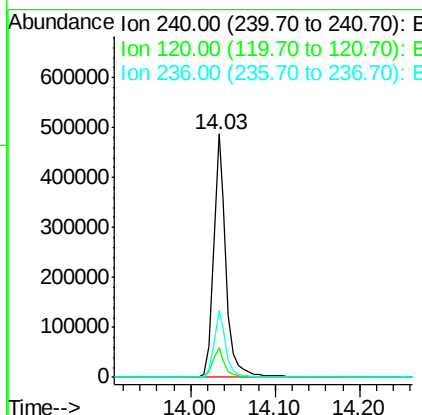
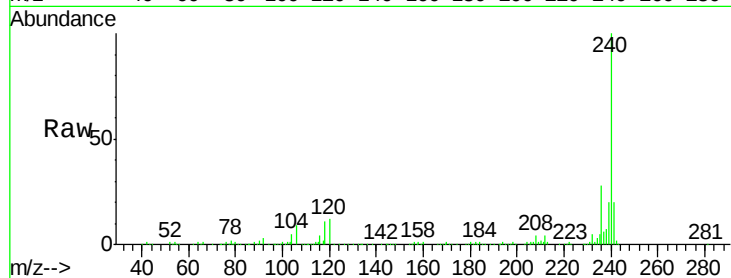




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115567.D
 Acq: 15 Jul 2019 20:07

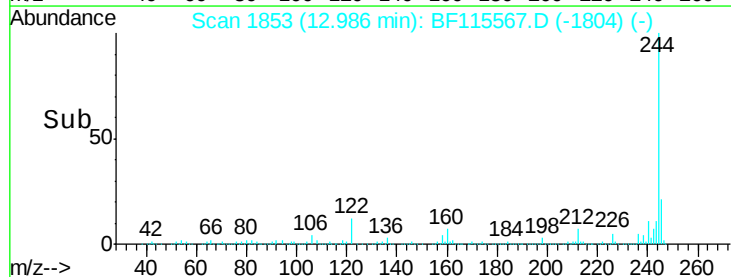
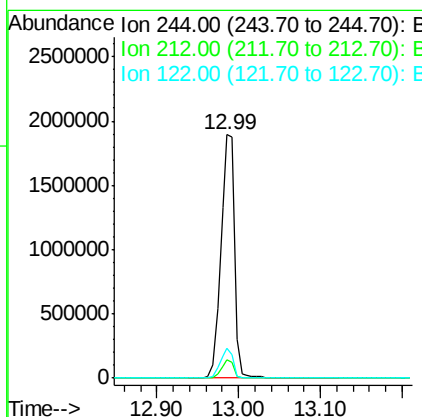
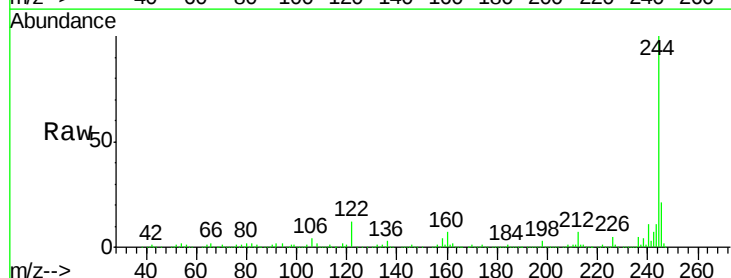
Instrument :
 BNA_F
 ClientSampleId :

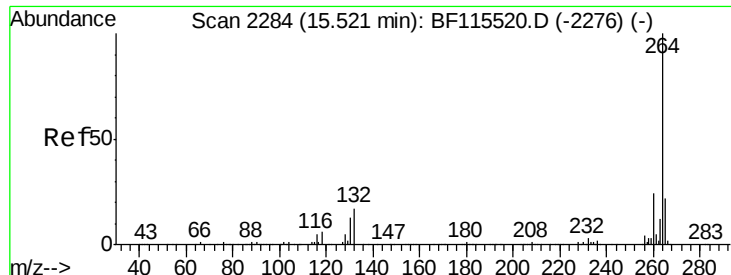
Tot Ion:240 Resp: 511635
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.6 13.0
 236 27.6 21.3 31.9



#79
 Terphenyl-d14
 Concen: 79.076 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115567.D
 Acq: 15 Jul 2019 20:07

Tgt Ion:244 Resp: 2192654
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.2 8.6 12.8

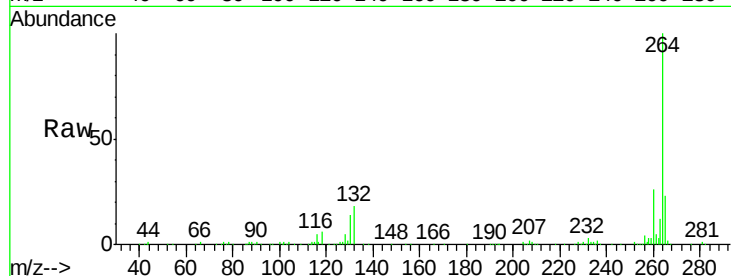




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115567.D
 Acq: 15 Jul 2019 20:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.8
265	22.6	17.7	26.5



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

