

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116291.D
 Acq On : 15 Aug 2019 21:10
 Operator : HP/JU
 Sample : K4356-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:11:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

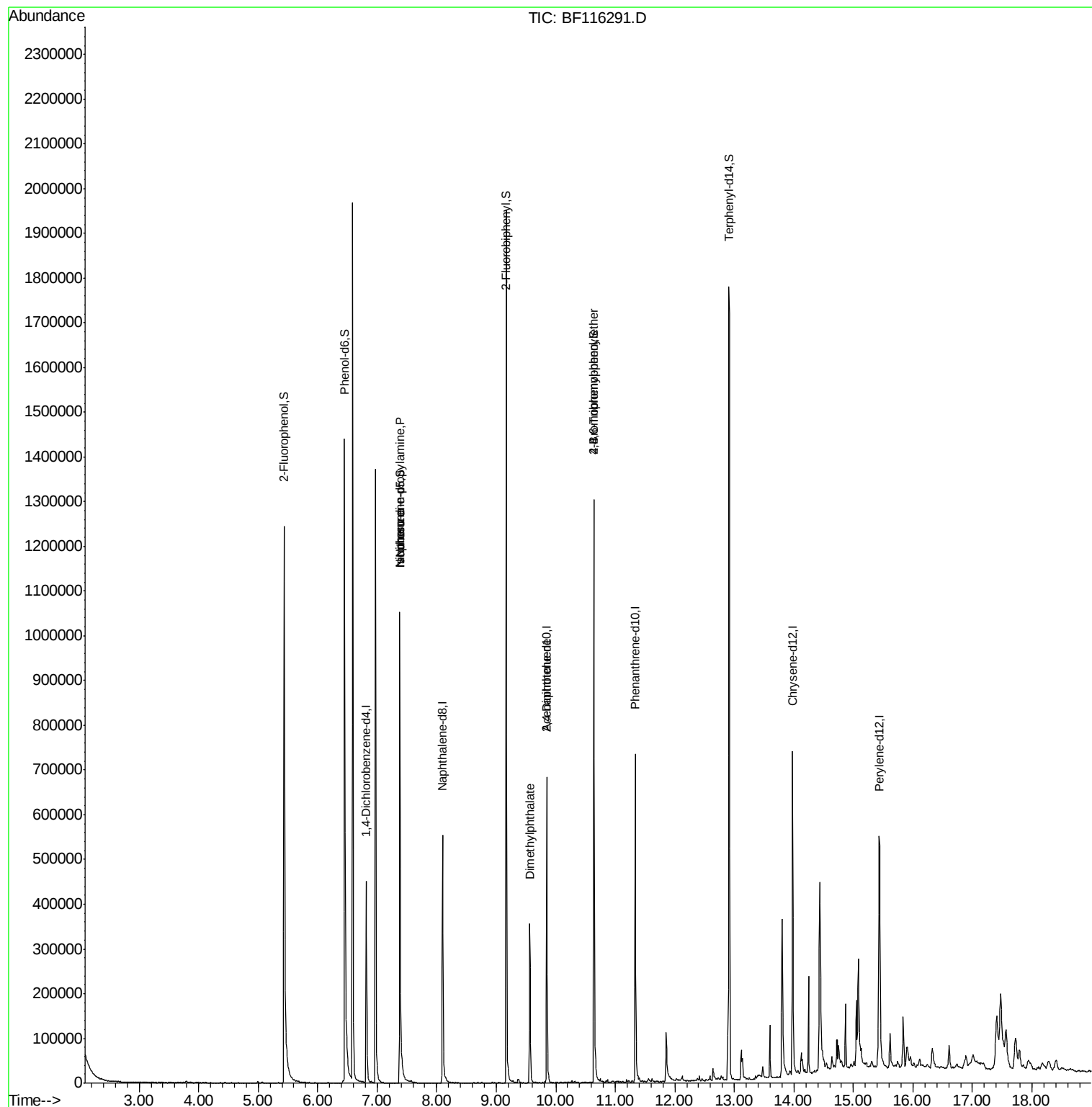
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	73047	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	283800	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	153909	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	297839	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	282362	20.00	ng	-0.03
87) Perylene-d12	15.44	264	283511	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	497496	114.01	ng	-0.04
7) Phenol-d6	6.46	99	651010	118.25	ng	-0.03
23) Nitrobenzene-d5	7.38	82	409848	83.36	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	168991	113.25	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	575443	70.03	ng	-0.04
79) Terphenyl-d14	12.92	244	640877	47.83	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	52909	15.509	ng	# 78
25) Isophorone	7.38	82	409847	43.595	ng	# 65
50) Dimethylphthalate	9.56	163	150644	14.375	ng	99
57) 2,4-Dinitrotoluene	9.85	165	19346	6.380	ng	# 19
67) 4-Bromophenyl-phenylether	10.64	248	10186	3.195	ng	# 1

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

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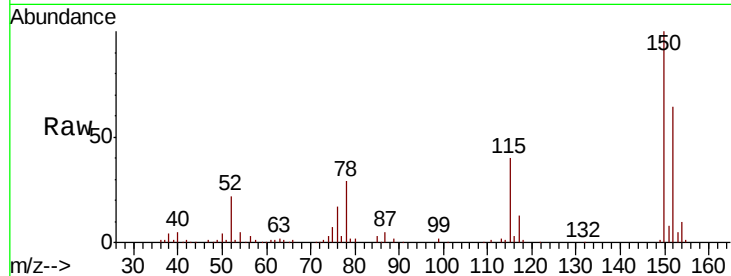


#1

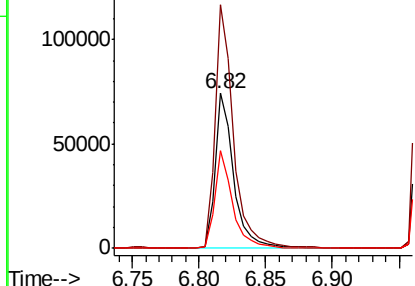
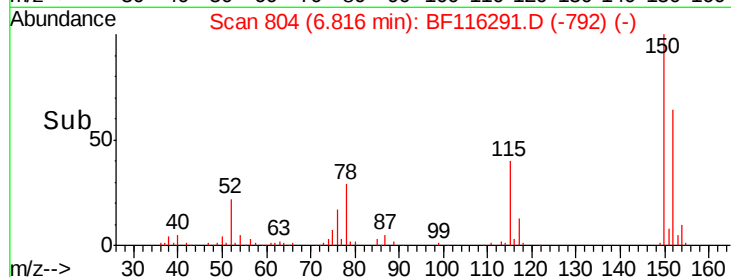
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116291.D
 Acq: 15 Aug 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 73047
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.2 189.2
 115 62.9 49.9 74.9



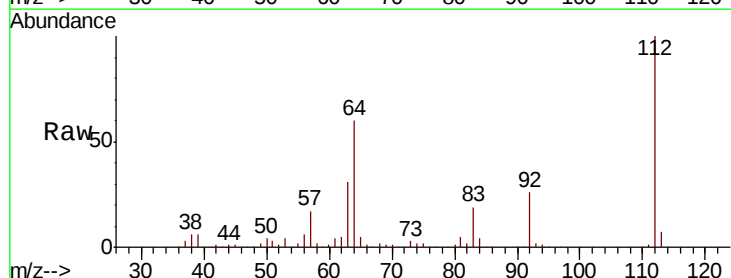
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



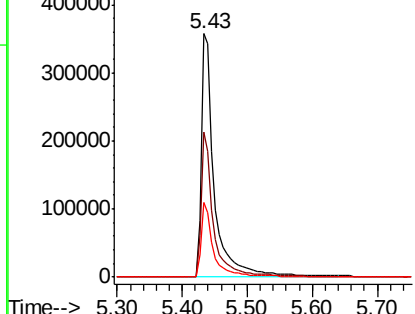
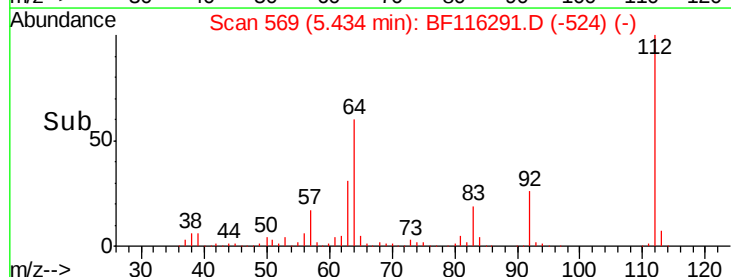
#5

2-Fluorophenol
 Concen: 114.014 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.04 min
 Lab File: BF116291.D
 Acq: 15 Aug 2019 21:10

Tgt Ion:112 Resp: 497496
 Ion Ratio Lower Upper
 112 100
 64 59.8 45.4 68.2
 63 30.8 23.7 35.5



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: 118.252 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

Instrument :

BNA_F

ClientSampleId :

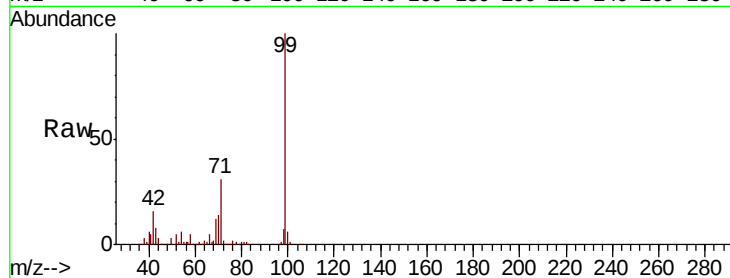
Tot Ion: 99 Resp: 651010

Ion Ratio Lower Upper

99 100

42 15.6 13.8 20.8

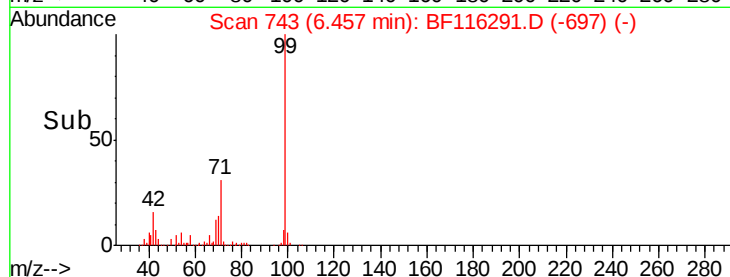
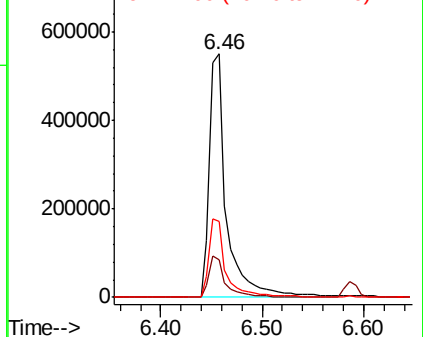
71 31.2 27.3 40.9



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: 15.509 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

Tgt Ion: 70 Resp: 52909

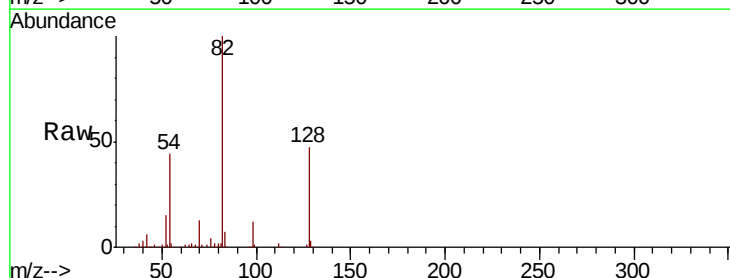
Ion Ratio Lower Upper

70 100

42 42.3 40.9 61.3

101 0.0 7.9 11.9#

130 2.0 16.9 25.3#

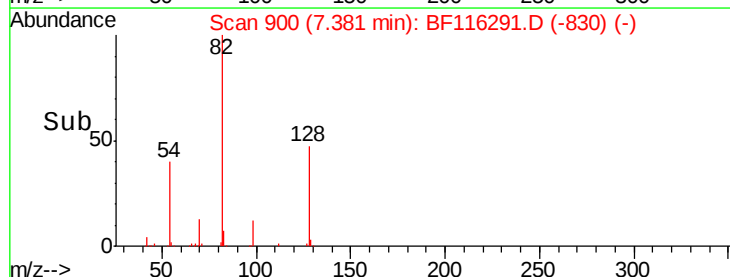
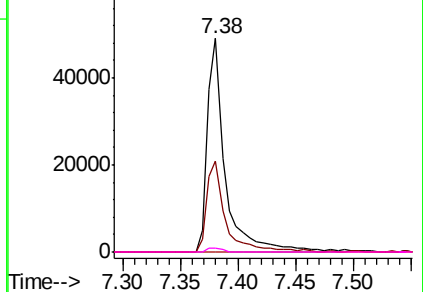


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 283800

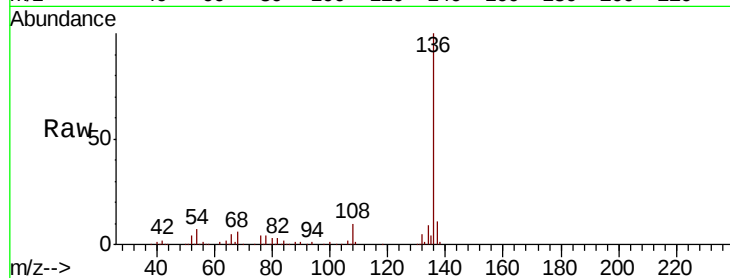
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.9 5.8 8.6

68 6.0 5.2 7.8

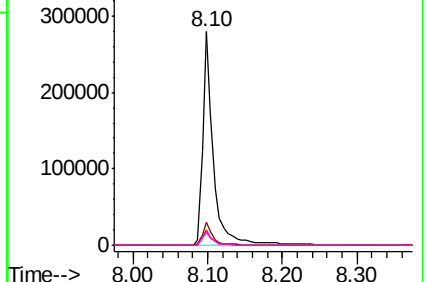
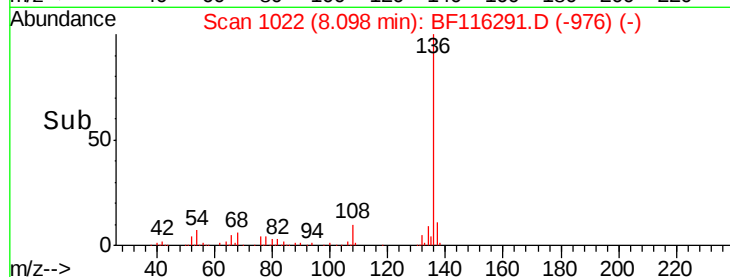


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.360 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

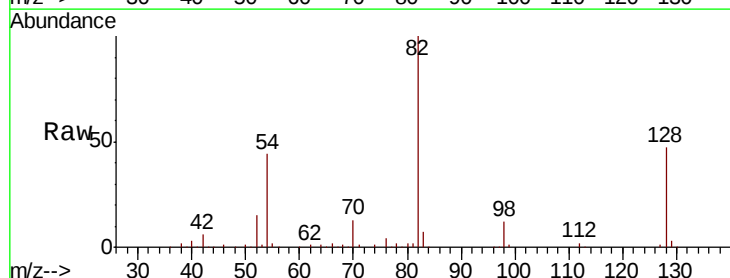
Tgt Ion: 82 Resp: 409848

Ion Ratio Lower Upper

82 100

128 46.9 36.5 54.7

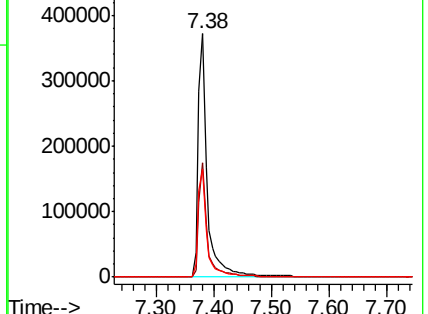
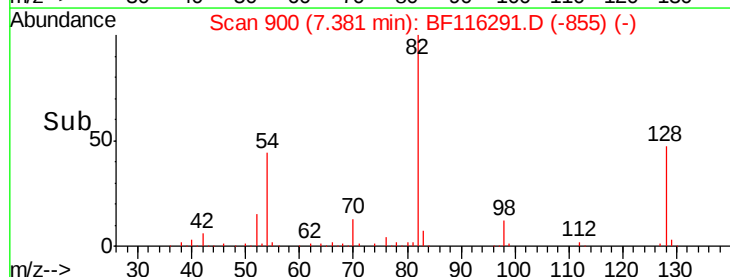
54 44.2 36.0 54.0



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: 43.595 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

Instrument :

BNA_F

ClientSampleId :

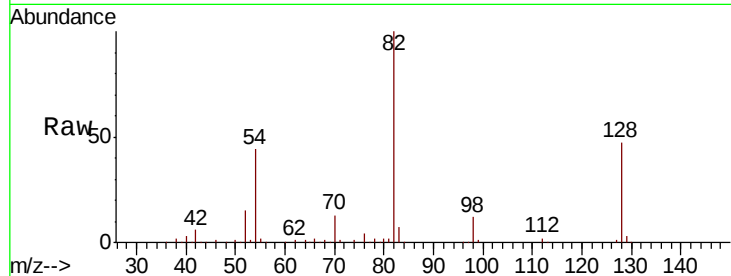
Tot Ion: 82 Resp: 409847

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

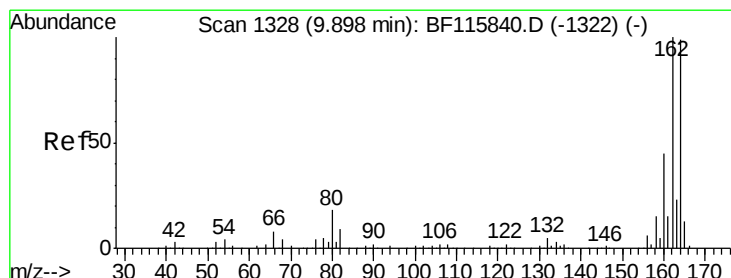
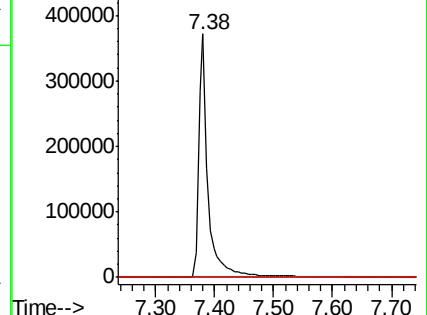
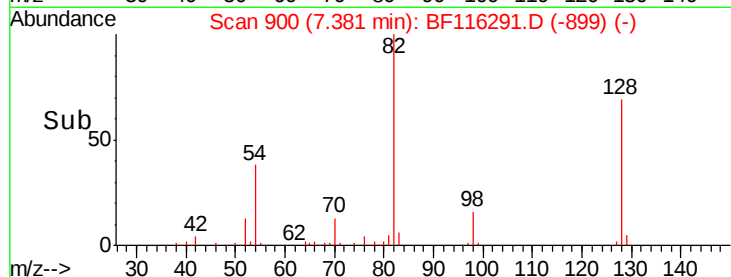
138 0.0 14.5 21.7#



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: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

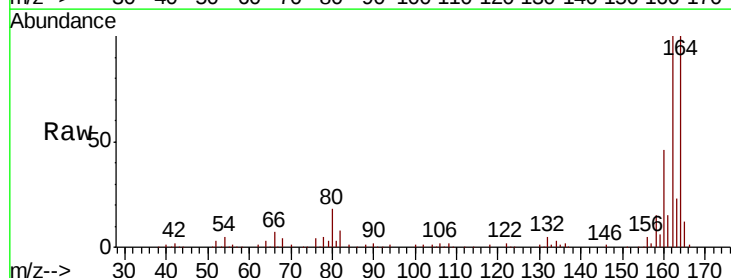
Tgt Ion: 164 Resp: 153909

Ion Ratio Lower Upper

164 100

162 99.6 82.6 124.0

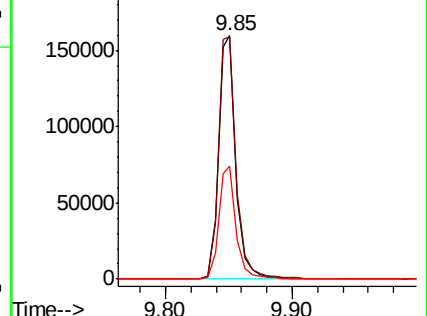
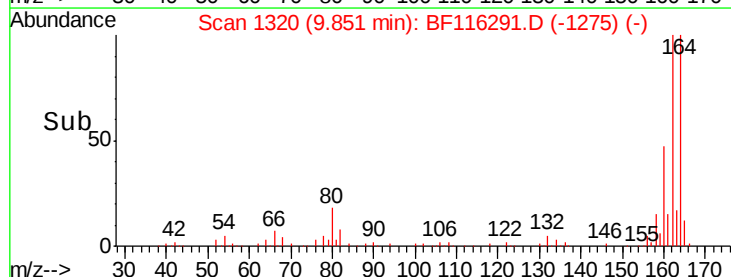
160 46.5 37.6 56.4



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

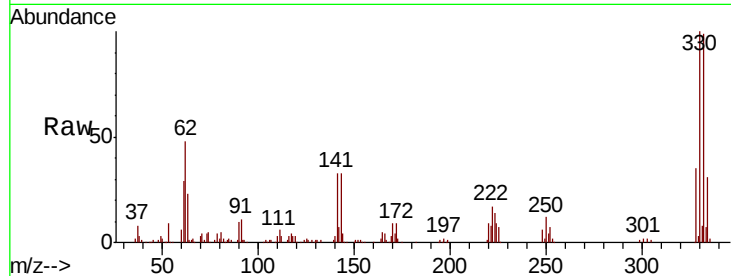




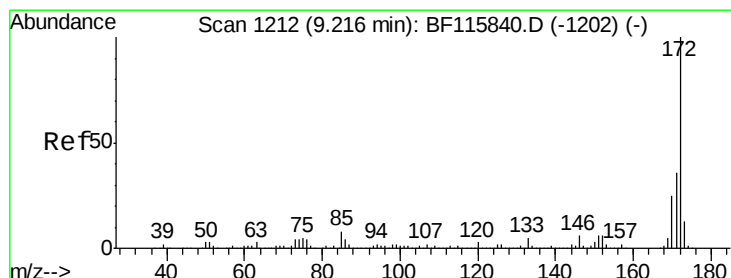
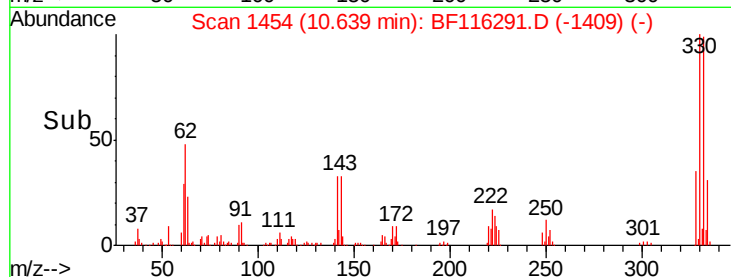
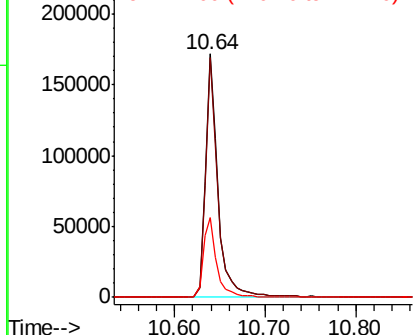
#42
 2,4,6-Tribromophenol
 Concen: 113.250 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116291.D
 Acq: 15 Aug 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.8	115.2
141	34.4	26.3	39.5

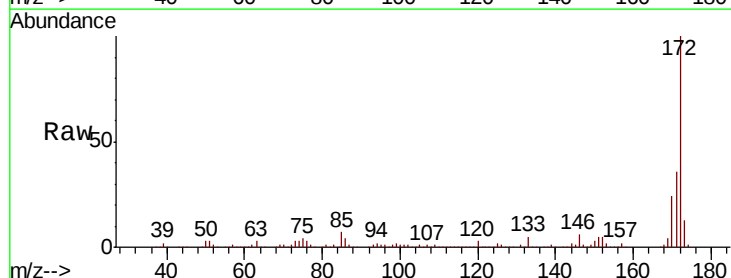


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

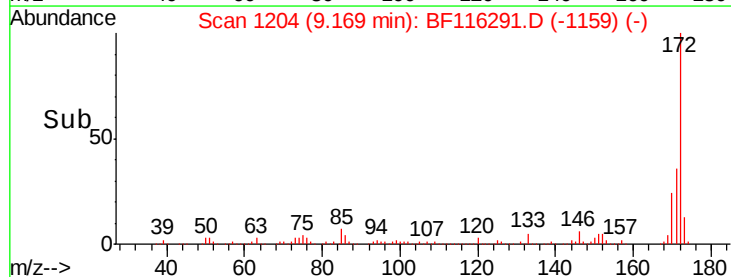
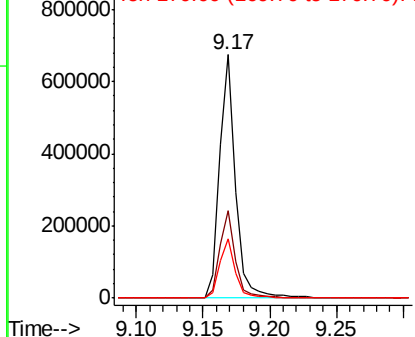


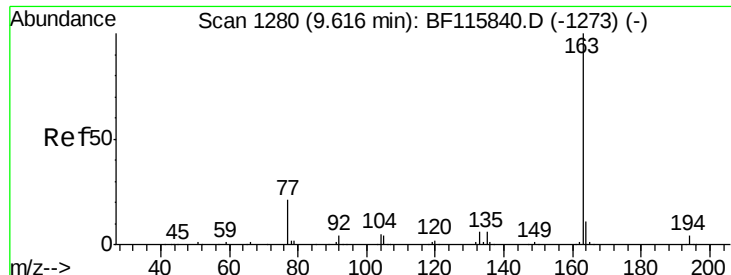
#45
 2-Fluorobiphenyl
 Concen: 70.031 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116291.D
 Acq: 15 Aug 2019 21:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	20.1	30.1



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

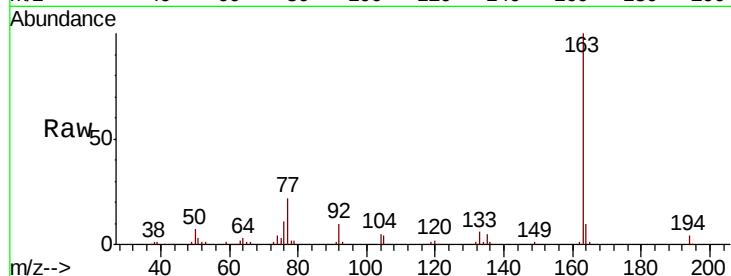




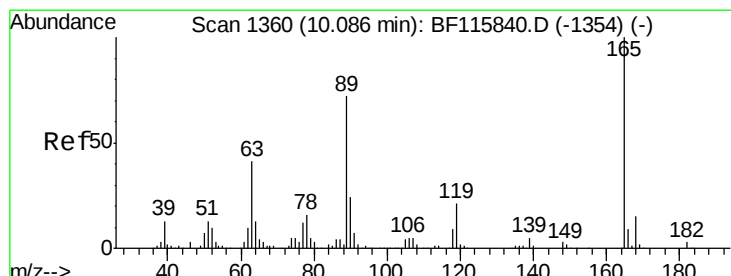
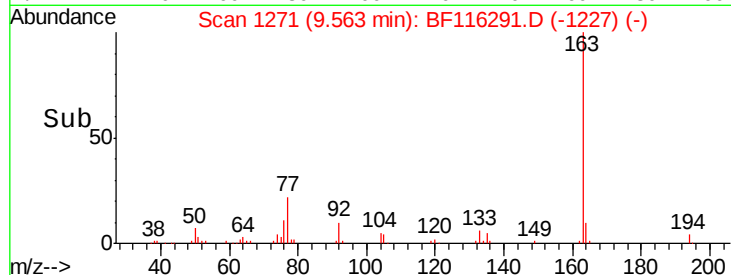
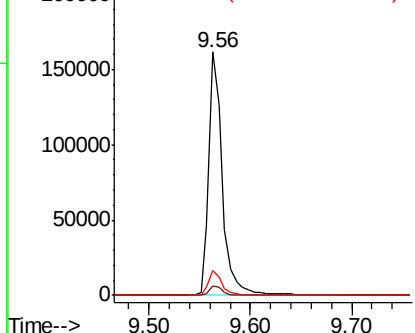
#50
Dimethylphthalate
Concen: 14.375 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF116291.D
Acq: 15 Aug 2019 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.1	8.4	12.6

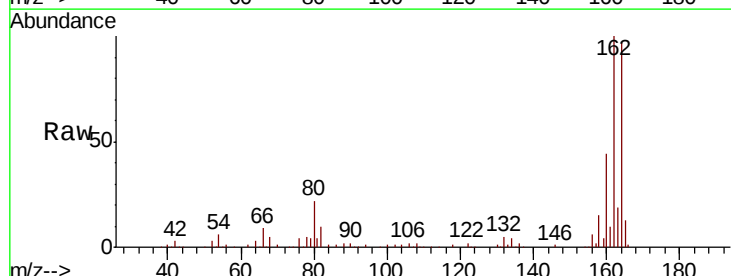


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

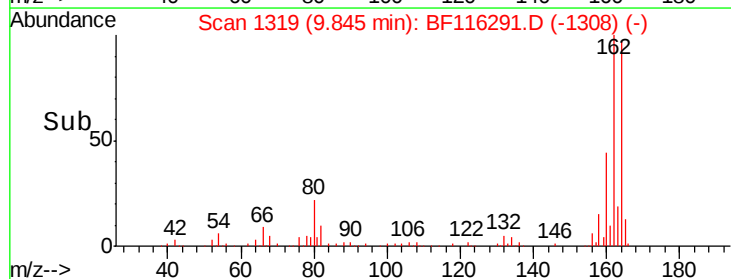
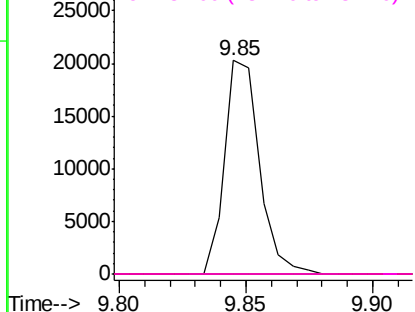


#57
2,4-Dinitrotoluene
Concen: 6.380 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.24 min
Lab File: BF116291.D
Acq: 15 Aug 2019 21:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	0.0	62.2	93.2#
182	0.0	2.1	3.1#



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

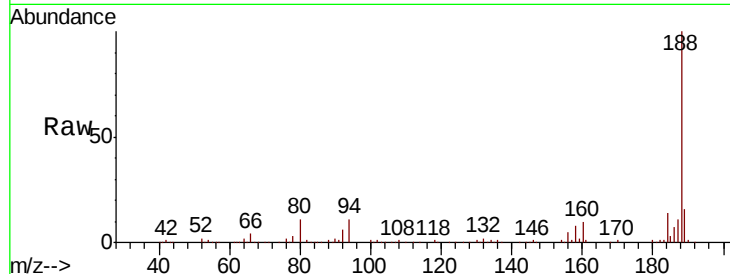




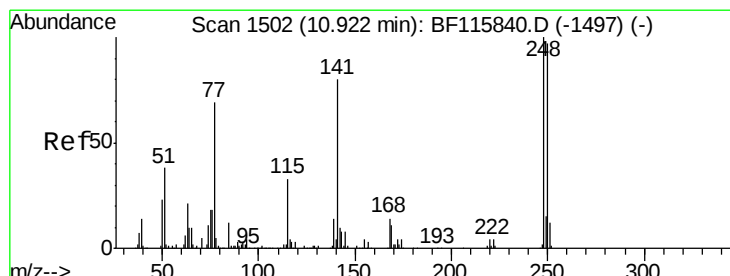
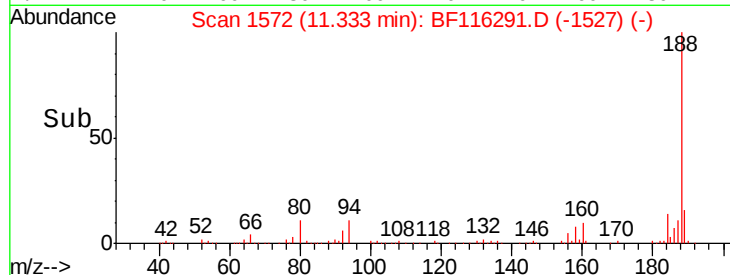
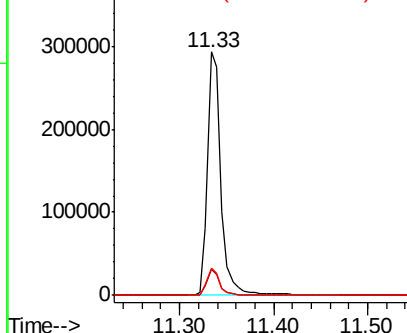
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116291.D
 Acq: 15 Aug 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 297839
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.1 12.1
 80 11.2 8.7 13.1

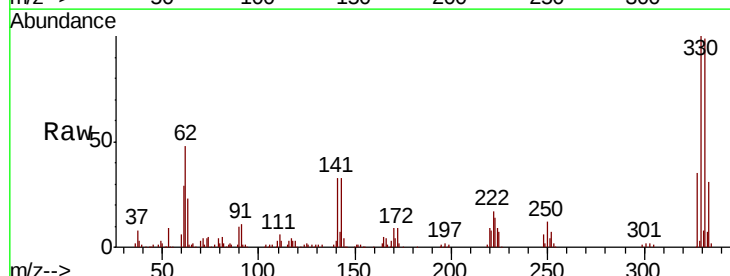


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

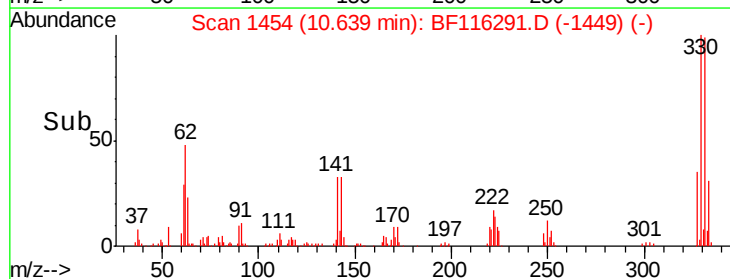
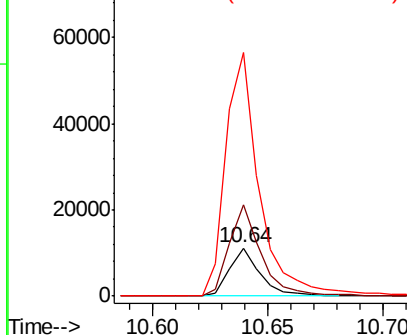


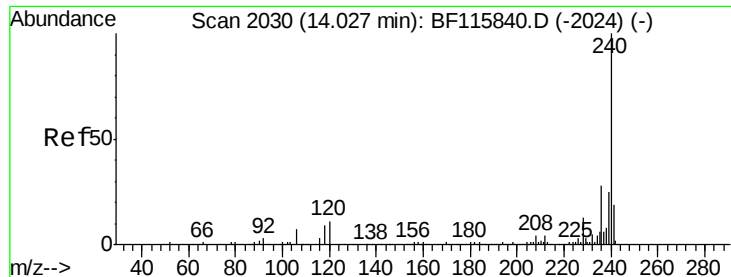
#67
 4-Bromophenyl-phenylether
 Concen: 3.195 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116291.D
 Acq: 15 Aug 2019 21:10

Tgt Ion:248 Resp: 10186
 Ion Ratio Lower Upper
 248 100
 250 190.9 77.4 116.2#
 141 507.7 56.8 85.2#



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: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

Instrument :

BNA_F

ClientSampleId :

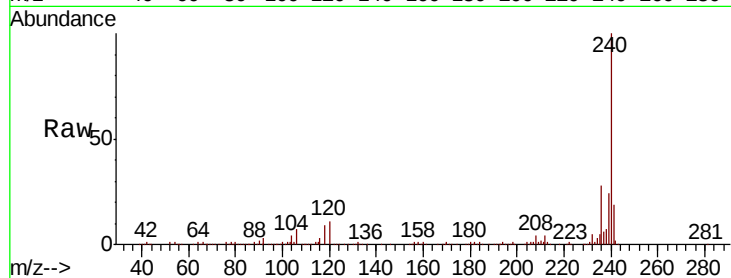
Tot Ion:240 Resp: 282362

Ion Ratio Lower Upper

240 100

120 10.6 10.7 16.1#

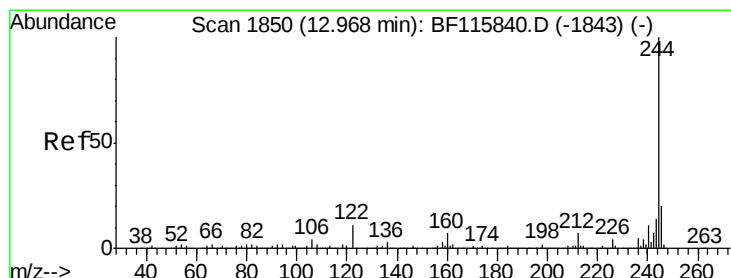
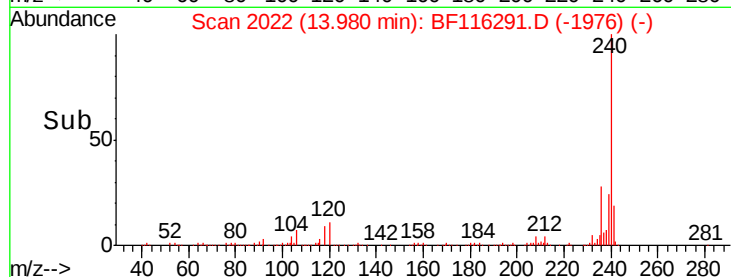
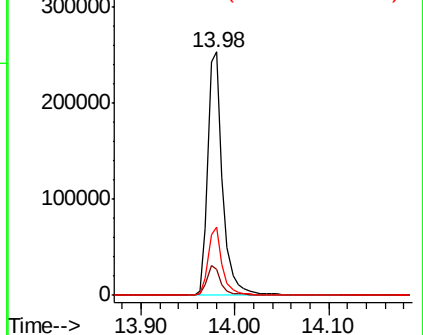
236 27.8 22.2 33.2



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: 47.826 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

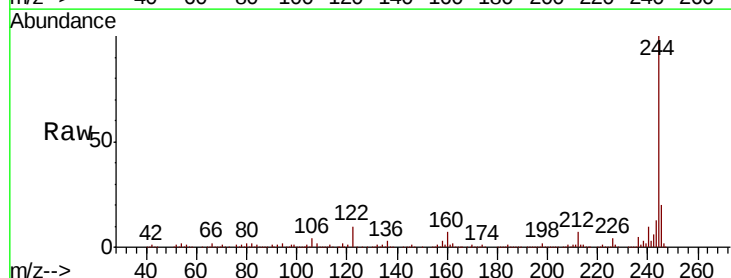
Tgt Ion:244 Resp: 640877

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

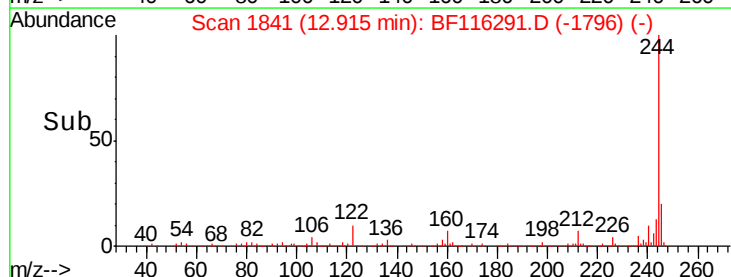
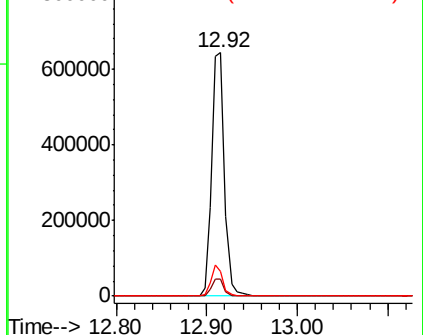
122 10.3 9.0 13.4

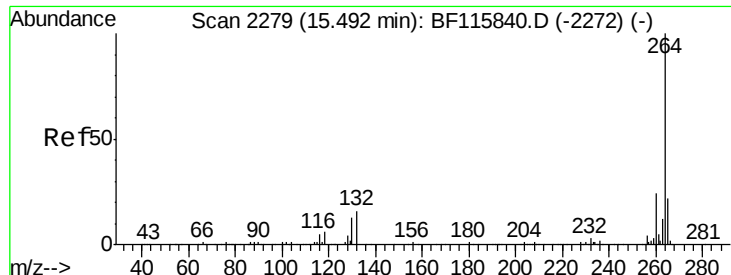


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116291.D
 Acq: 15 Aug 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.3	17.4	26.0

