

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116290.D
 Acq On : 15 Aug 2019 20:43
 Operator : HP/JU
 Sample : K4356-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:11:06 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

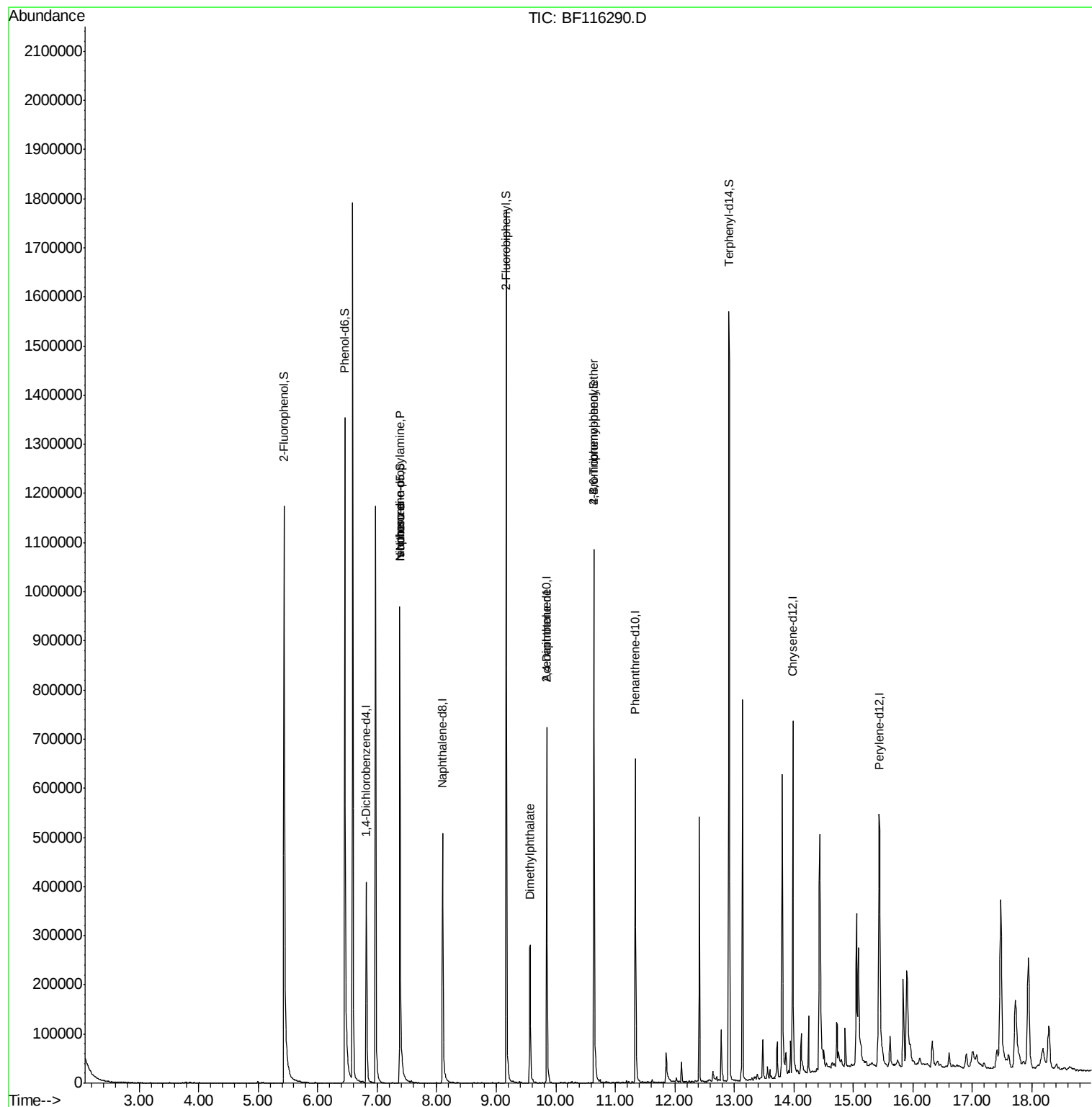
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	72679	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	282633	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	151376	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	286048	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	269604	20.00	ng	-0.03
87) Perylene-d12	15.43	264	281571	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	464382	106.96	ng	-0.04
7) Phenol-d6	6.46	99	633410	115.64	ng	-0.03
23) Nitrobenzene-d5	7.38	82	383344	78.29	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	147371	100.41	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	535811	66.30	ng	-0.04
79) Terphenyl-d14	12.91	244	558249	43.63	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	49405	14.555	ng	# 80
25) Isophorone	7.38	82	383364	40.946	ng	# 65
50) Dimethylphthalate	9.57	163	140850	13.665	ng	98
57) 2,4-Dinitrotoluene	9.85	165	19048	6.387	ng	# 19
67) 4-Bromophenyl-phenylether	10.64	248	9228	3.014	ng	# 1

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

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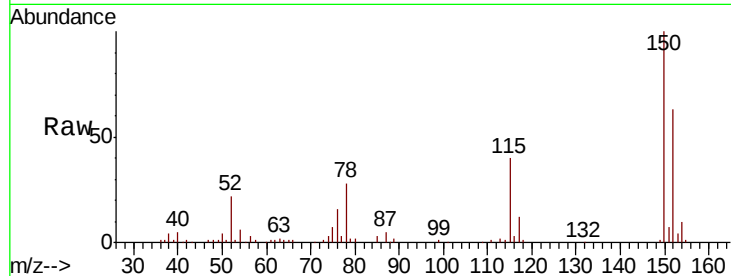


#1

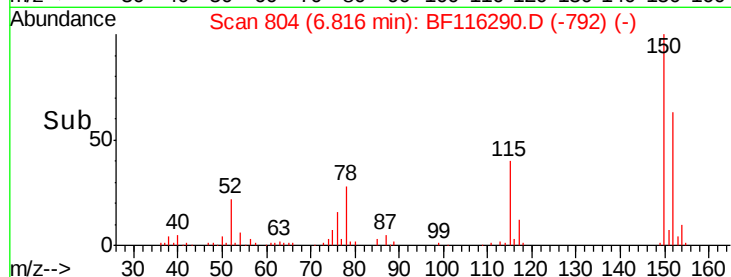
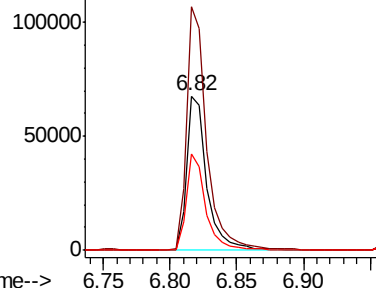
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116290.D
 Acq: 15 Aug 2019 20:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 72679
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.2 189.2
 115 62.8 49.9 74.9



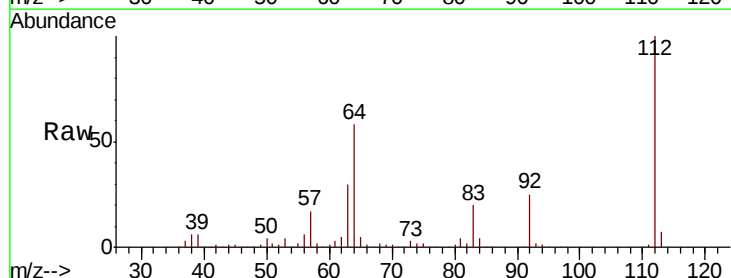
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



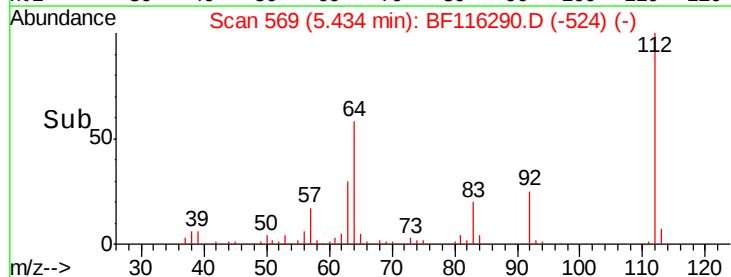
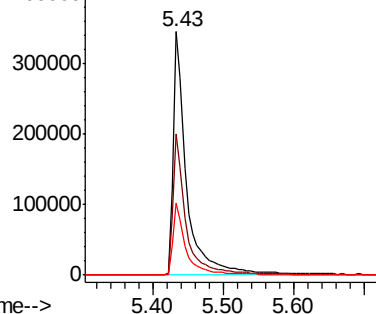
#5

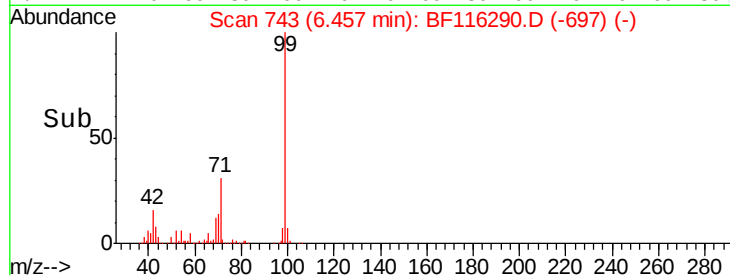
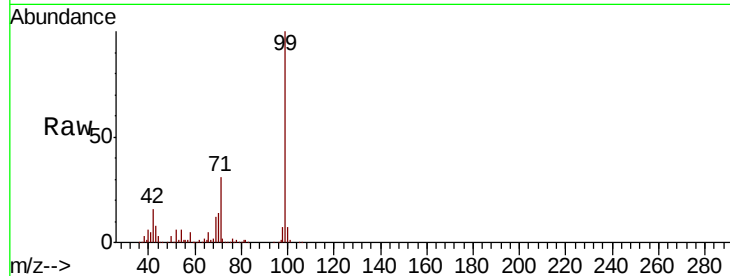
2-Fluorophenol
 Concen: 106.964 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.04 min
 Lab File: BF116290.D
 Acq: 15 Aug 2019 20:43

Tgt Ion:112 Resp: 464382
 Ion Ratio Lower Upper
 112 100
 64 57.8 45.4 68.2
 63 29.8 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: 115.638 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116290.D

Acq: 15 Aug 2019 20:43

Instrument :

BNA_F

ClientSampleId :

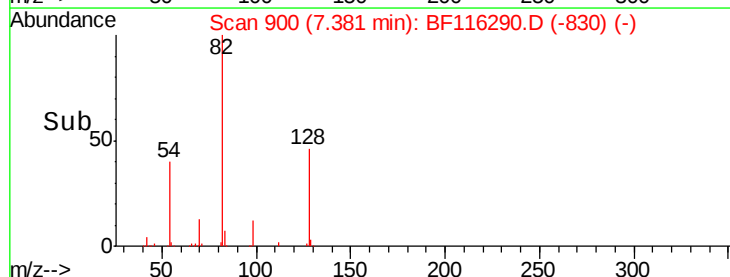
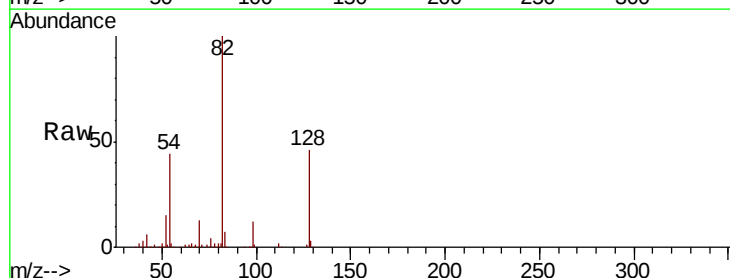
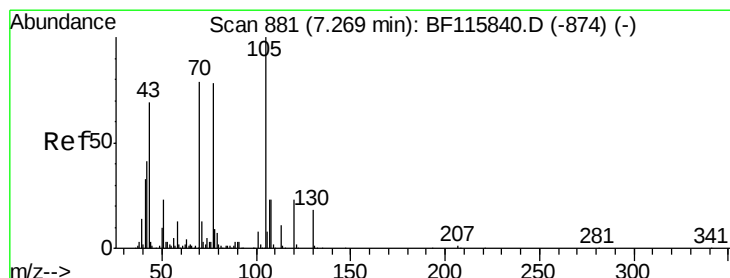
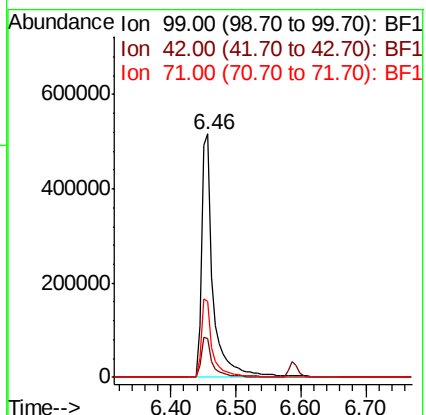
Tot Ion: 99 Resp: 633410

Ion Ratio Lower Upper

99 100

42 15.9 13.8 20.8

71 31.2 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 14.555 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116290.D

Acq: 15 Aug 2019 20:43

Tgt Ion: 70 Resp: 49405

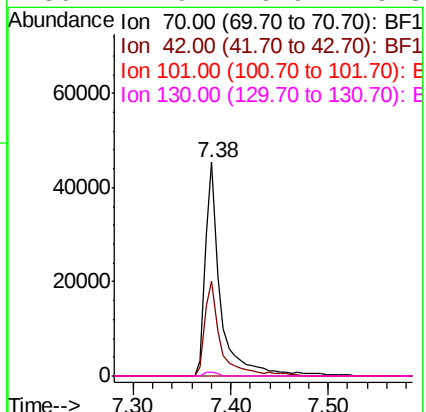
Ion Ratio Lower Upper

70 100

42 44.6 40.9 61.3

101 0.0 7.9 11.9#

130 1.9 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116290.D

Acq: 15 Aug 2019 20:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 282633

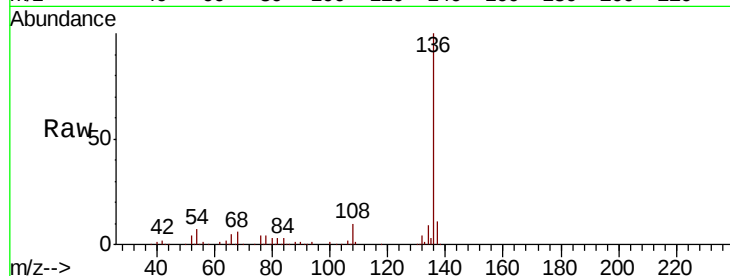
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 7.1 5.8 8.6

68 6.1 5.2 7.8

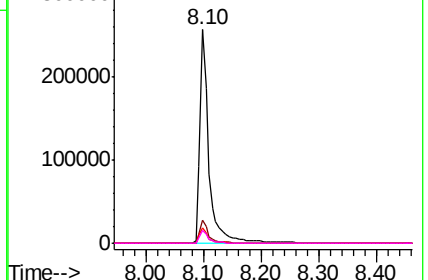
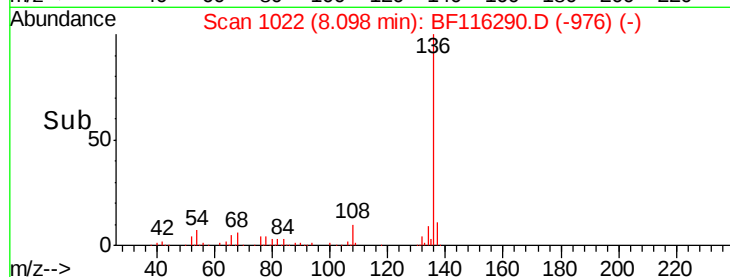


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.292 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116290.D

Acq: 15 Aug 2019 20:43

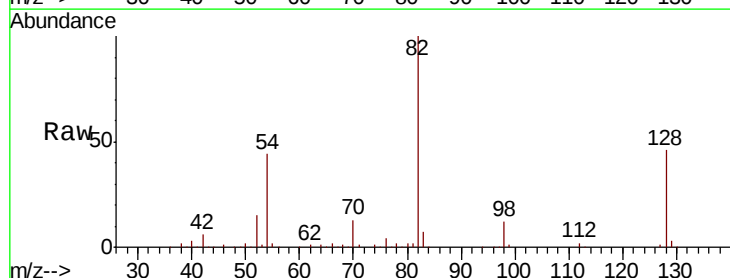
Tgt Ion: 82 Resp: 383344

Ion Ratio Lower Upper

82 100

128 45.6 36.5 54.7

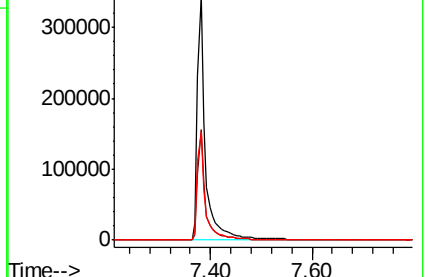
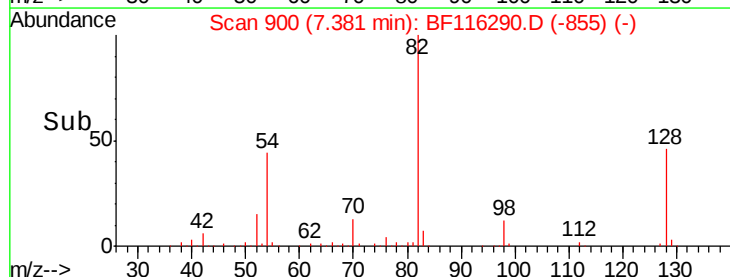
54 44.4 36.0 54.0



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: 40.946 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116290.D

Acq: 15 Aug 2019 20:43

Instrument :

BNA_F

ClientSampleId :

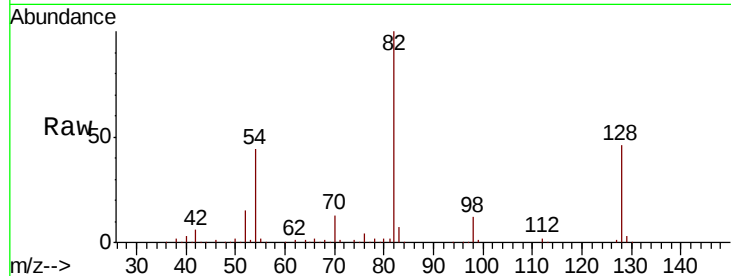
Tot Ion: 82 Resp: 383364

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

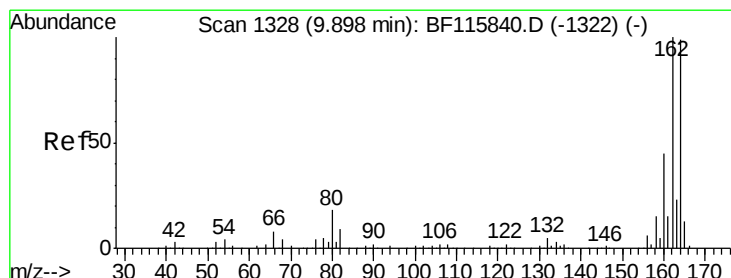
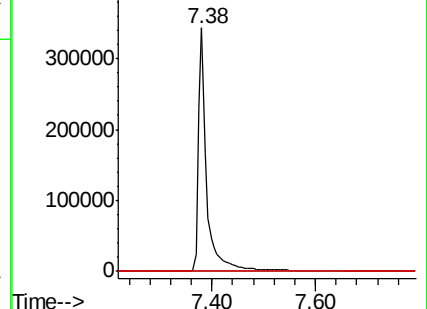
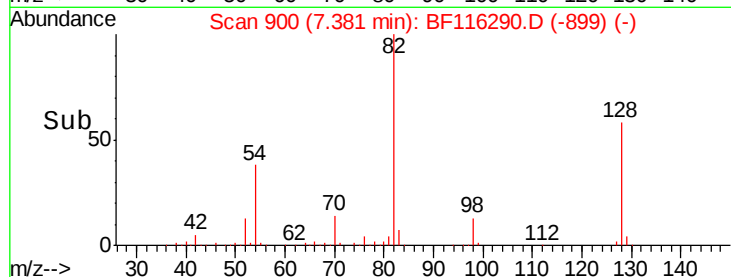
138 0.0 14.5 21.7#



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: BF116290.D

Acq: 15 Aug 2019 20:43

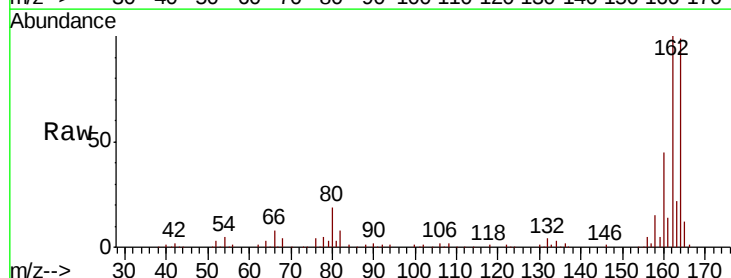
Tgt Ion: 164 Resp: 151376

Ion Ratio Lower Upper

164 100

162 101.3 82.6 124.0

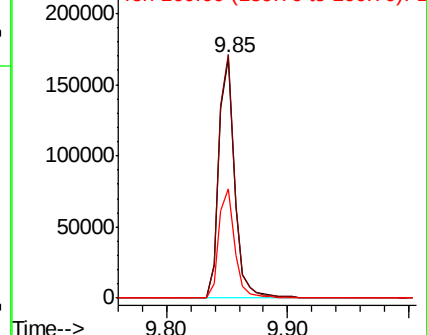
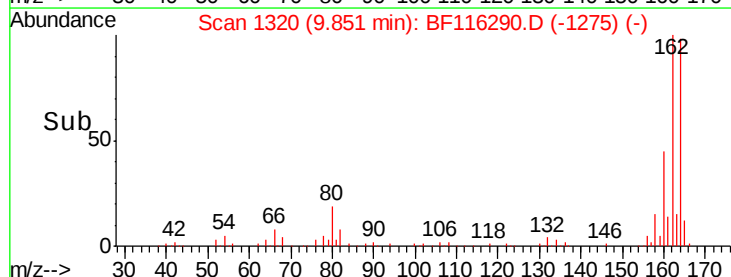
160 45.5 37.6 56.4



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

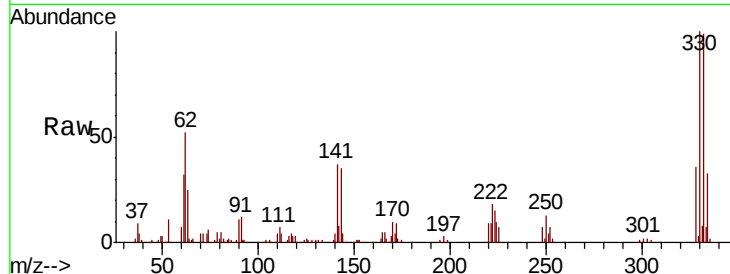




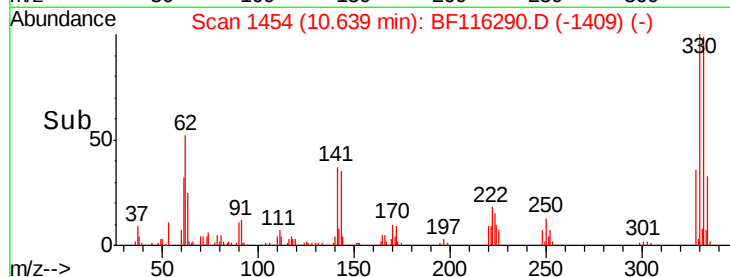
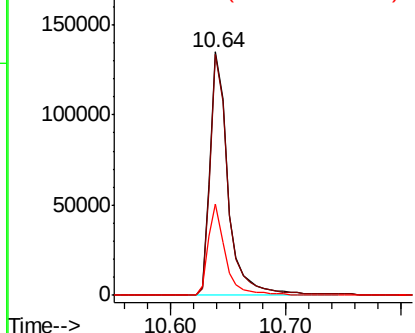
#42
 2,4,6-Tribromophenol
 Concen: 100.414 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116290.D
 Acq: 15 Aug 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.8	115.2
141	35.9	26.3	39.5

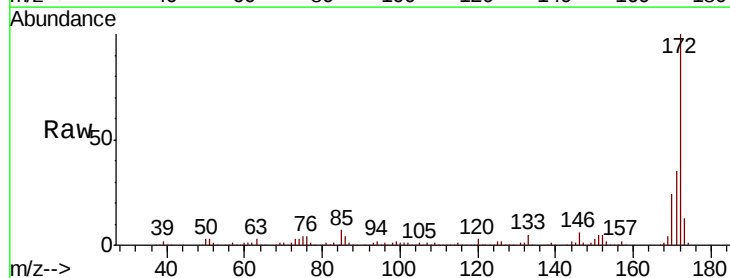


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

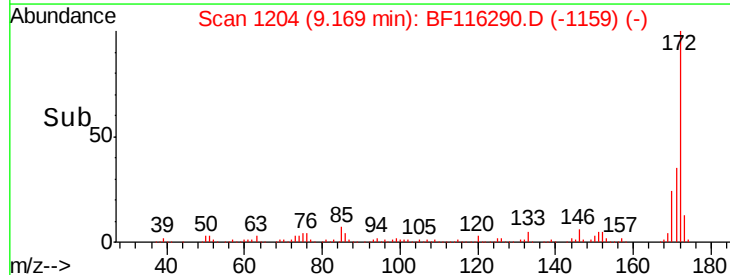
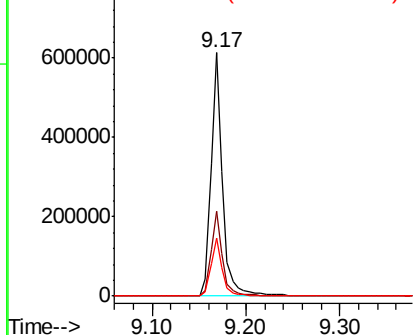


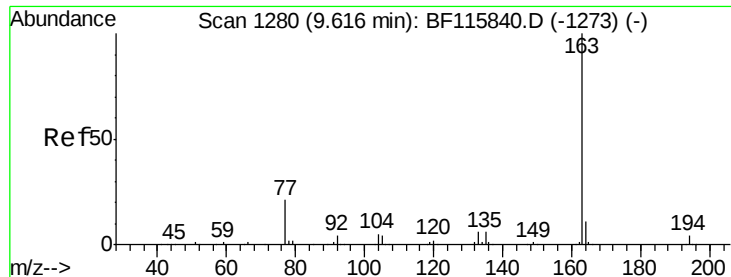
#45
 2-Fluorobiphenyl
 Concen: 66.299 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116290.D
 Acq: 15 Aug 2019 20:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.6	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

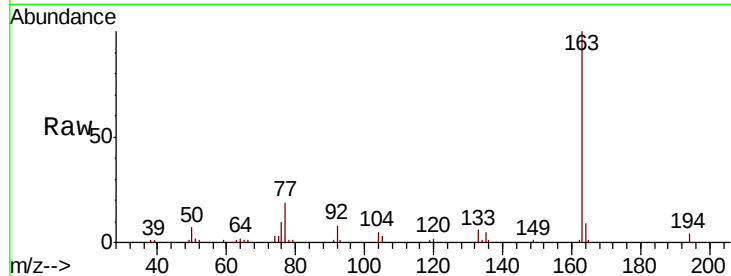




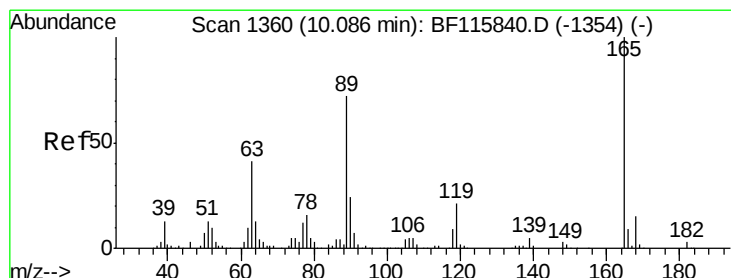
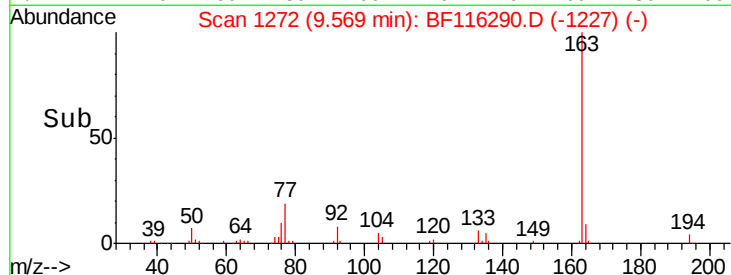
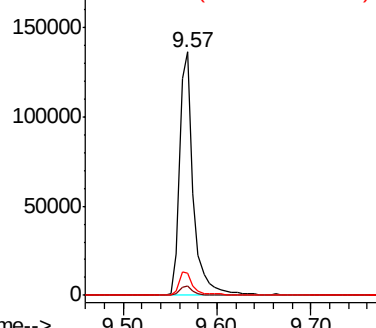
#50
Dimethylphthalate
Concen: 13.665 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116290.D
Acq: 15 Aug 2019 20:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	163	Resp:	140850
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.4	8.4	12.6

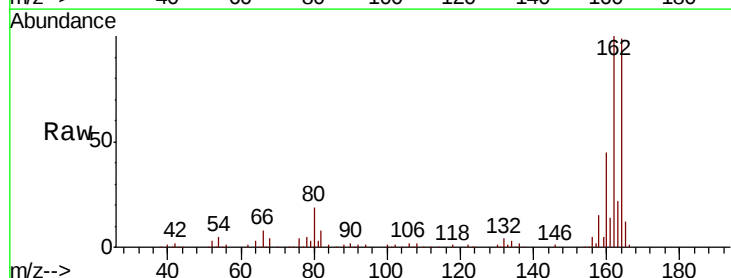


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

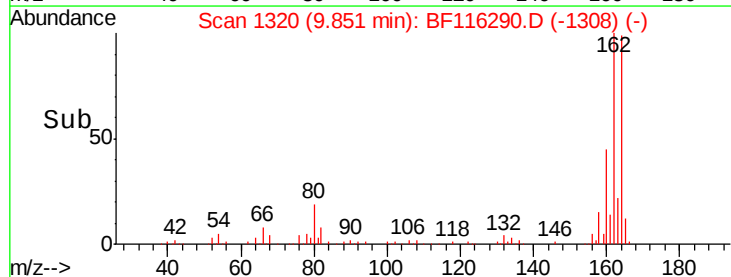
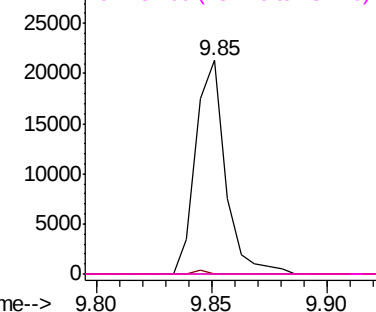


#57
2,4-Dinitrotoluene
Concen: 6.387 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF116290.D
Acq: 15 Aug 2019 20:43

Tgt Ion:	165	Resp:	19048
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

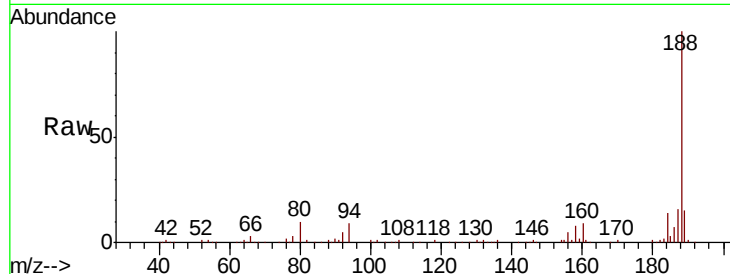




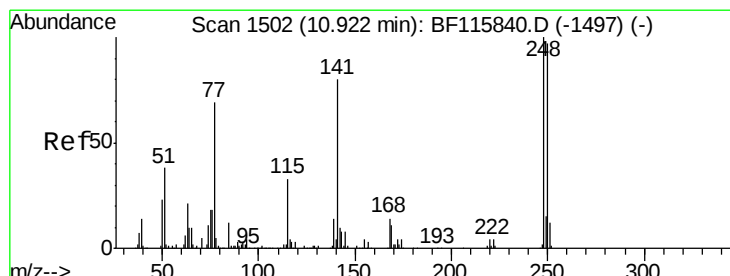
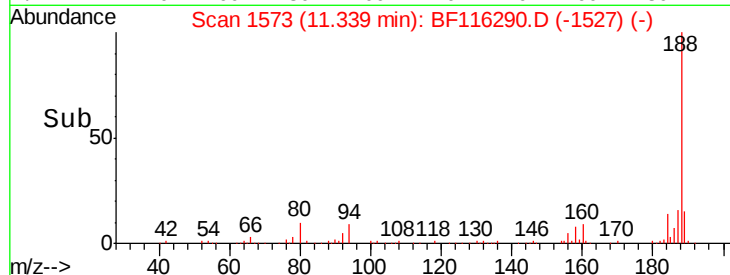
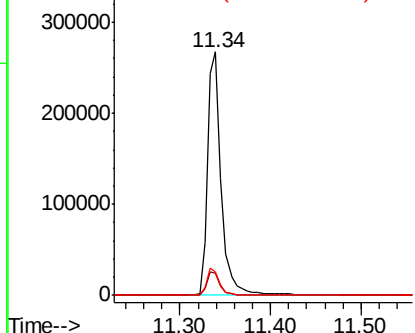
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116290.D
 Acq: 15 Aug 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 286048
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.1 12.1
 80 9.9 8.7 13.1

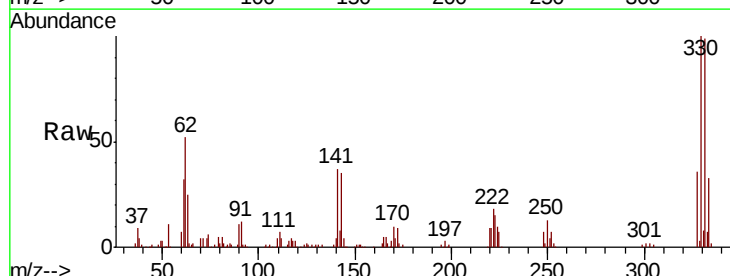


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

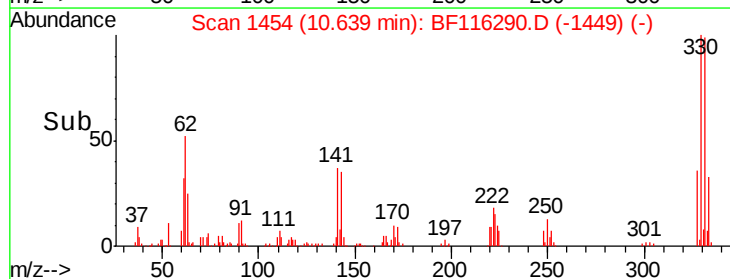
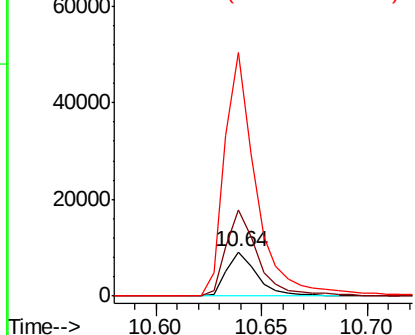


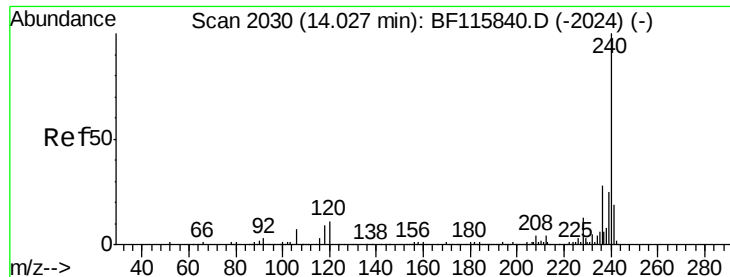
#67
 4-Bromophenyl-phenylether
 Concen: 3.014 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116290.D
 Acq: 15 Aug 2019 20:43

Tgt Ion:248 Resp: 9228
 Ion Ratio Lower Upper
 248 100
 250 196.3 77.4 116.2#
 141 551.8 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

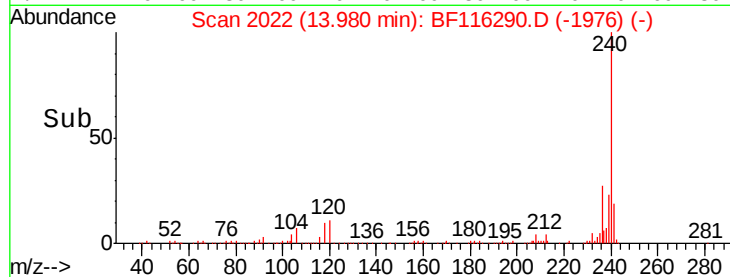
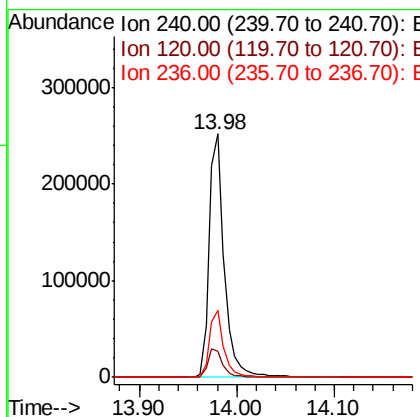
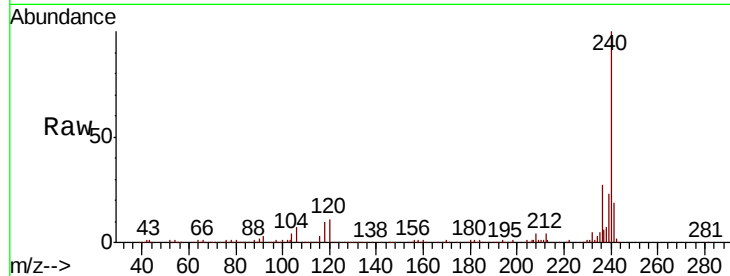




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116290.D
 Acq: 15 Aug 2019 20:43

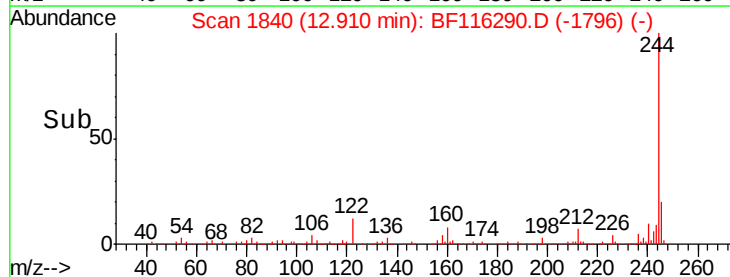
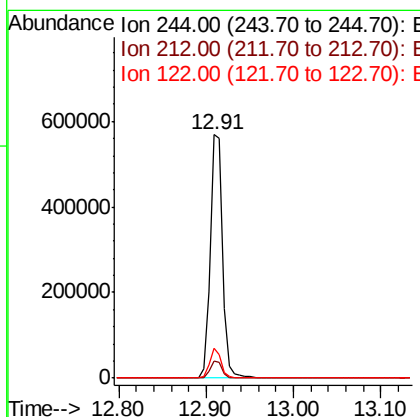
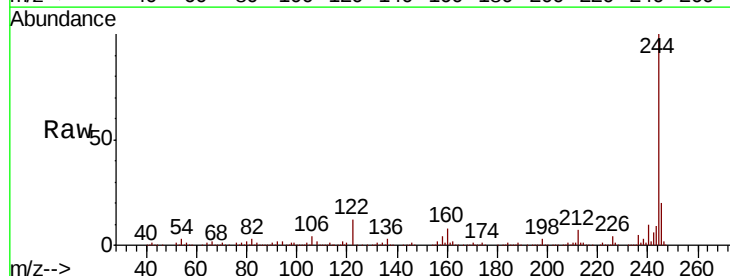
Instrument :
 BNA_F
 ClientSampleId :

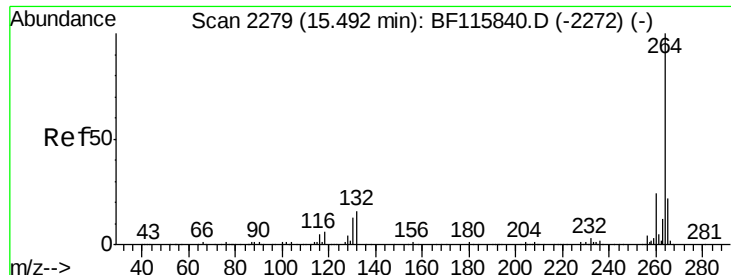
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.7	16.1
236	27.4	22.2	33.2



#79
 Terphenyl-d14
 Concen: 43.632 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF116290.D
 Acq: 15 Aug 2019 20:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.4	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116290.D
 Acq: 15 Aug 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.7	17.4	26.0

