

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116139.D
 Acq On : 10 Aug 2019 3:33
 Operator : HP/JU
 Sample : K3613-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 06:53:34 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

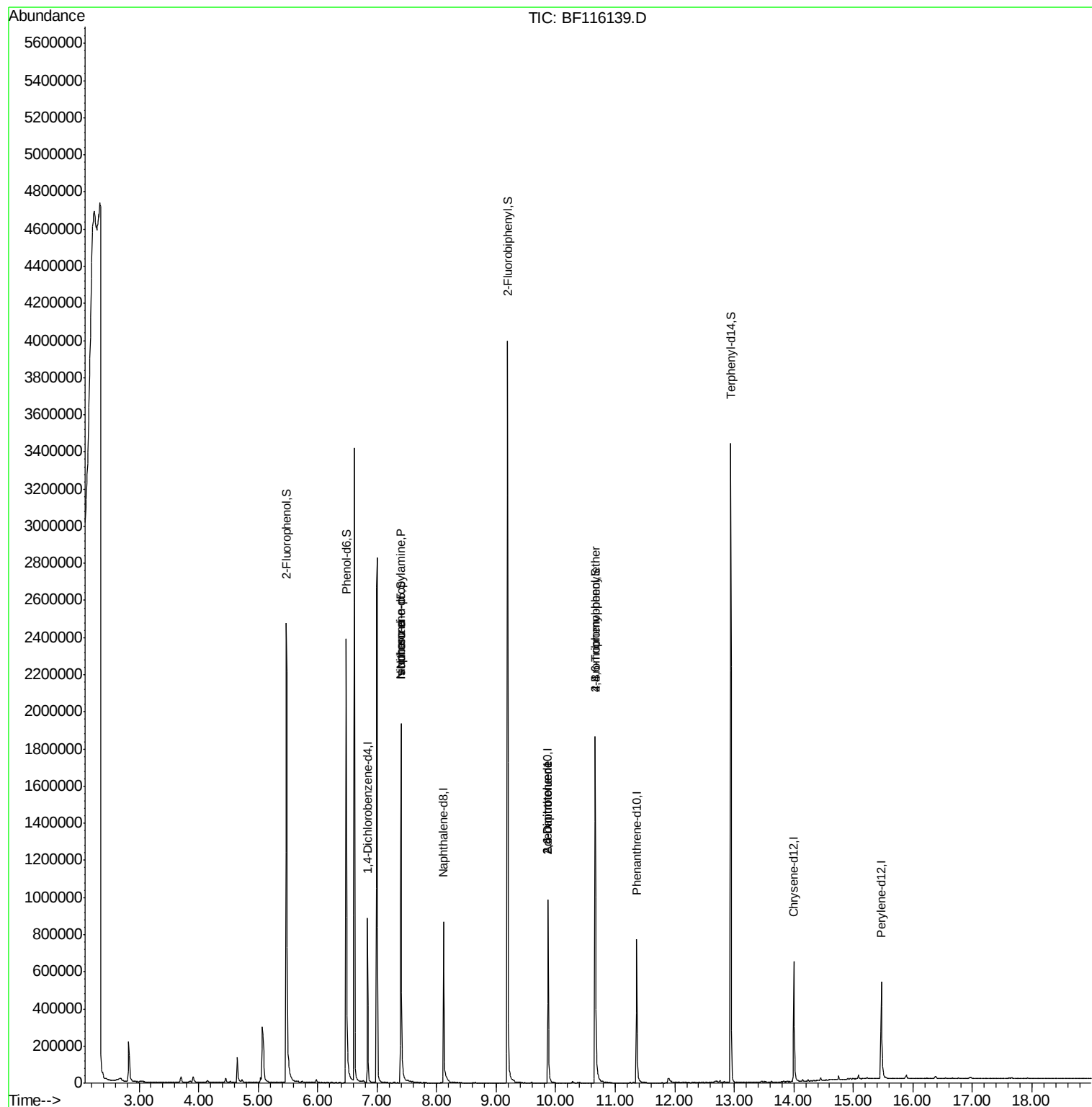
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	124201	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	467127	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	230073	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	350290	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	266939	20.00	ng	-0.01
87) Perylene-d12	15.47	264	299095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	849064	114.44	ng	0.00
7) Phenol-d6	6.48	99	990434	105.81	ng	0.00
23) Nitrobenzene-d5	7.40	82	801375	99.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	278939	125.05	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1354250	110.25	ng	-0.01
79) Terphenyl-d14	12.94	244	1180592	93.19	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	104401	17.999	ng	# 81
25) Isophorone	7.40	82	801858	51.819	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	28787	8.456	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	28787	6.351	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	16813	4.484	ng	# 1

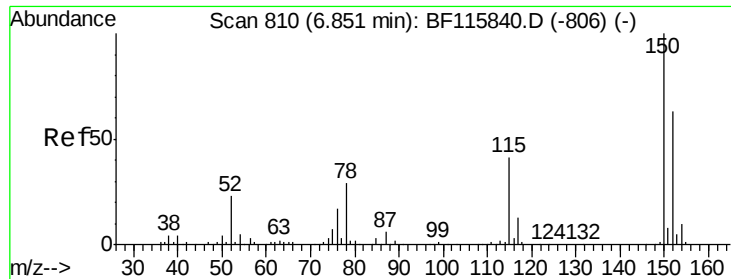
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Instrument :

BNA_F

ClientSampleId :

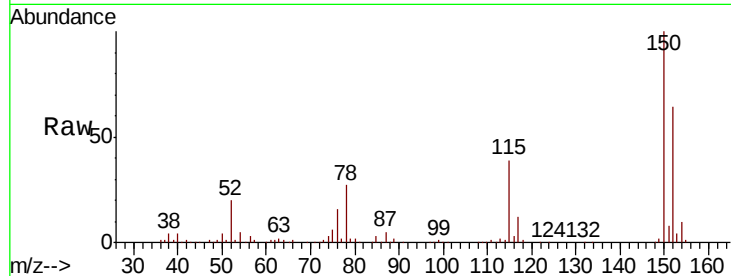
Tot Ion:152 Resp: 124201

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

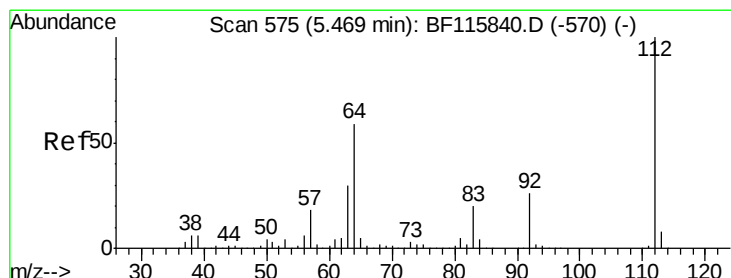
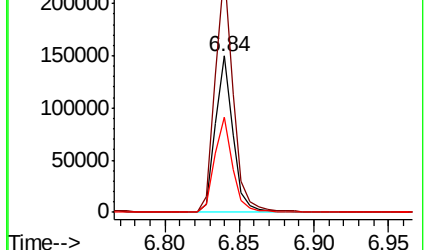
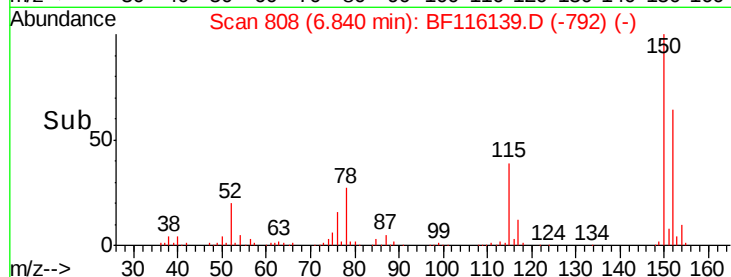
115 61.3 49.9 74.9



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: 114.442 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

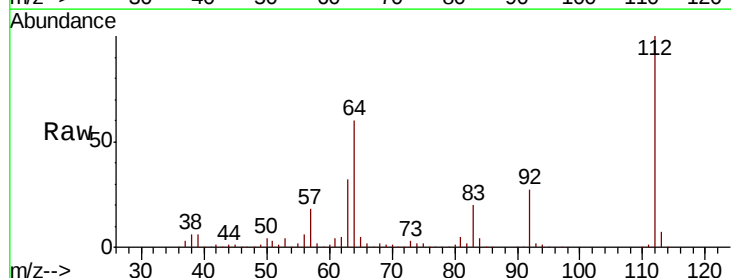
Tgt Ion:112 Resp: 849064

Ion Ratio Lower Upper

112 100

64 60.2 45.4 68.2

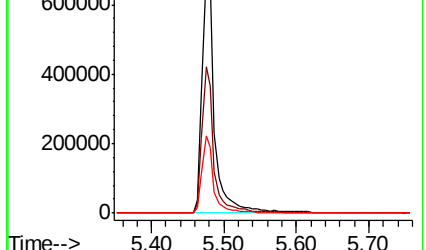
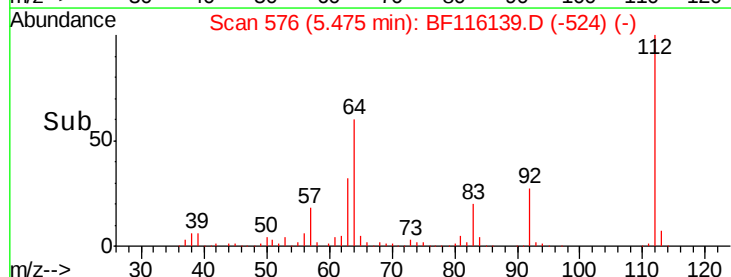
63 31.6 23.7 35.5



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: 105.809 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Instrument :

BNA_F

ClientSampled :

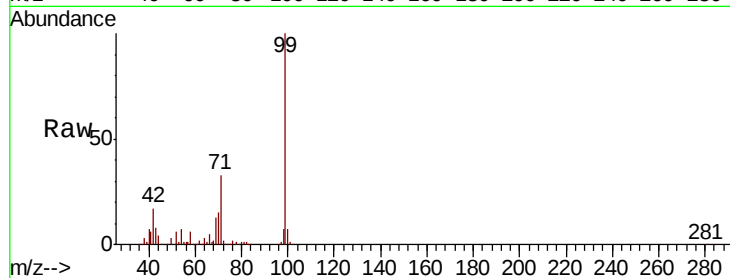
Tot Ion: 99 Resp: 990434

Ion Ratio Lower Upper

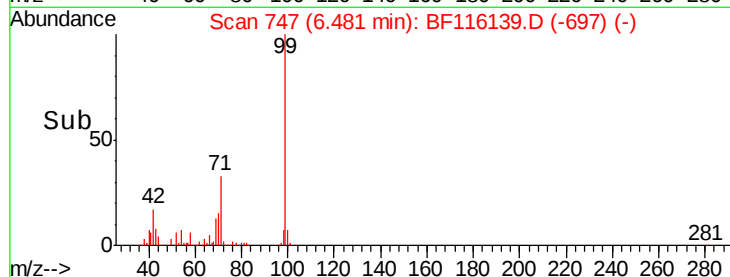
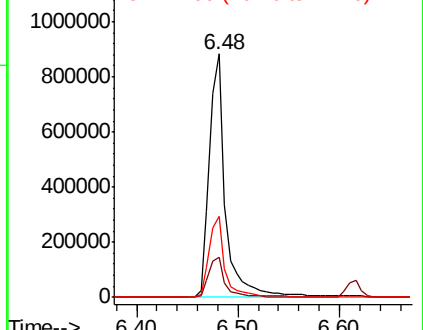
99 100

42 16.7 13.8 20.8

71 33.1 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: 17.999 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Tgt Ion: 70 Resp: 104401

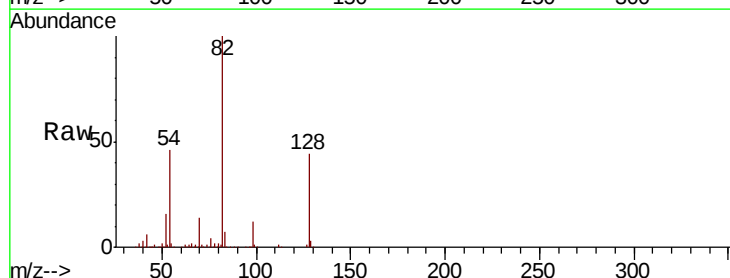
Ion Ratio Lower Upper

70 100

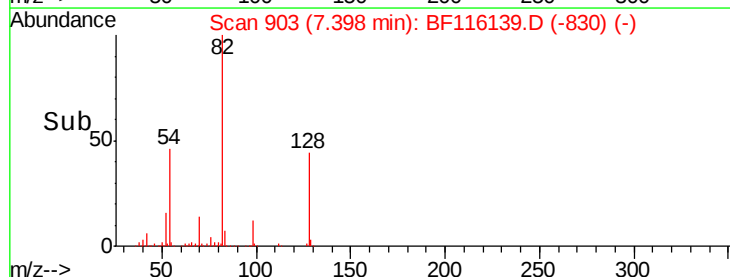
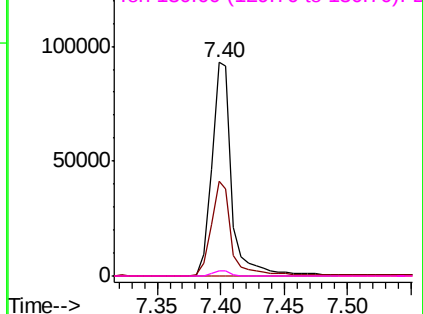
42 44.6 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 467127

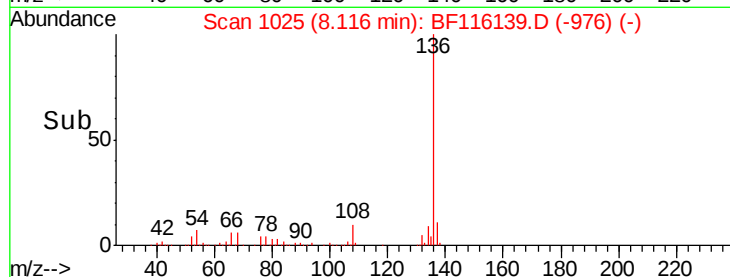
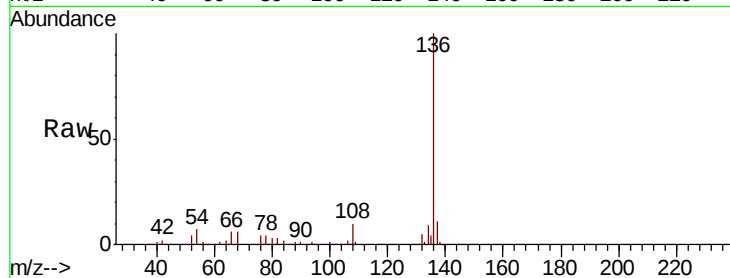
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.2 5.8 8.6

68 6.4 5.2 7.8

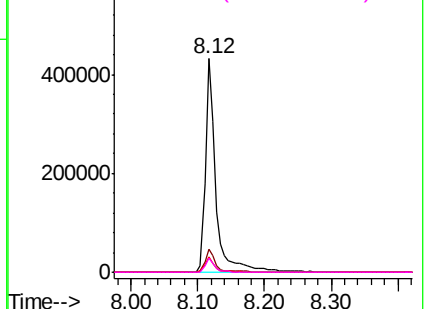


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.026 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

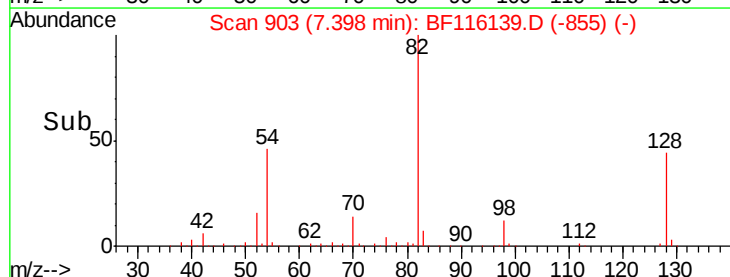
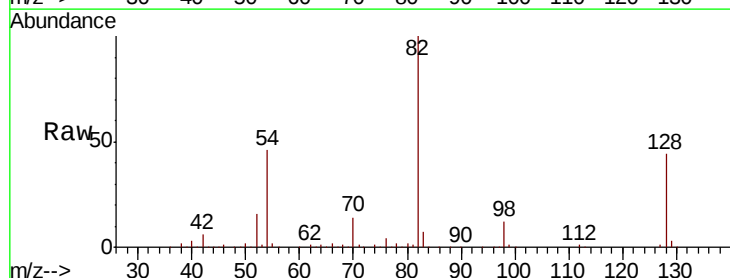
Tgt Ion: 82 Resp: 801375

Ion Ratio Lower Upper

82 100

128 43.6 36.5 54.7

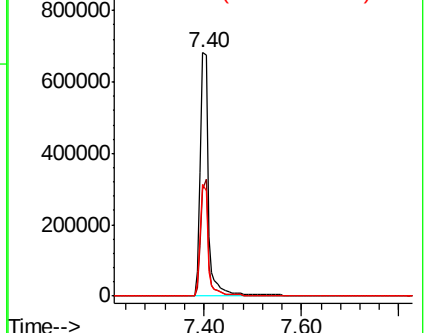
54 46.1 36.0 54.0

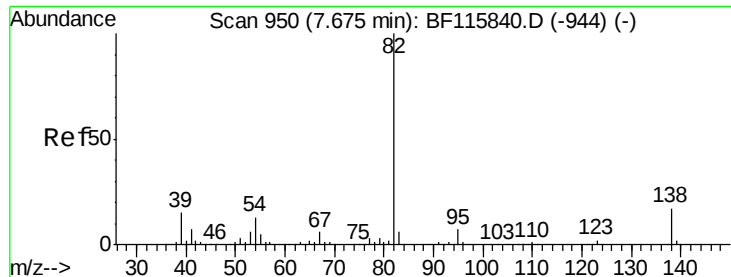


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.819 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Instrument :

BNA_F

ClientSampled :

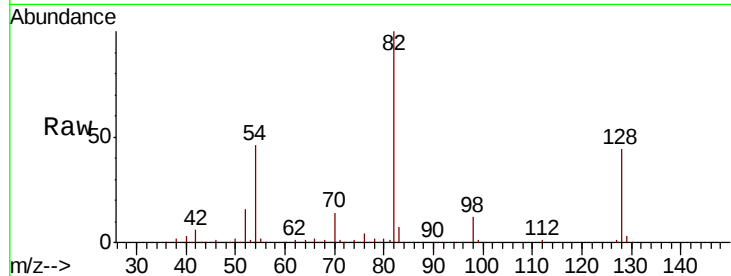
Tot Ion: 82 Resp: 801858

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

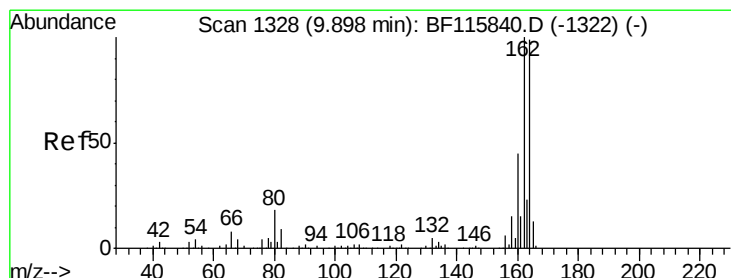
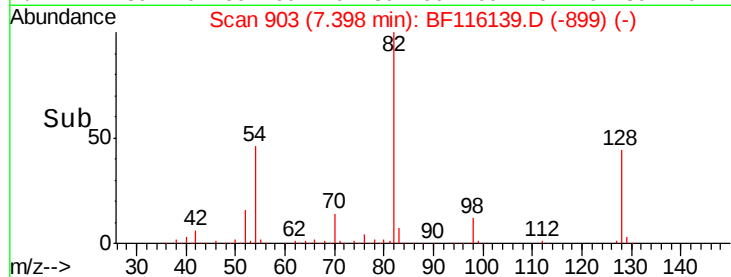
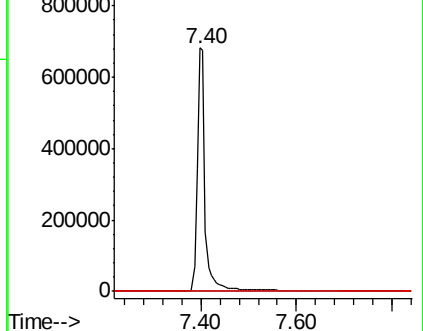
138 0.0 14.5 21.7#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

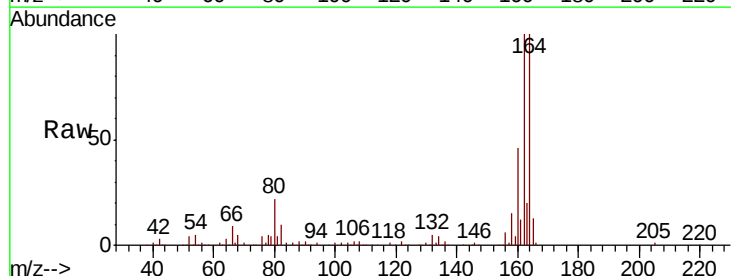
Tgt Ion: 164 Resp: 230073

Ion Ratio Lower Upper

164 100

162 99.7 82.6 124.0

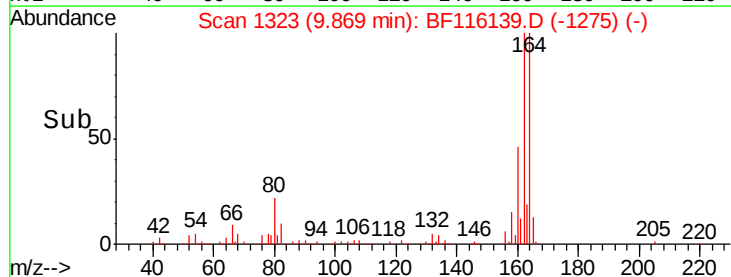
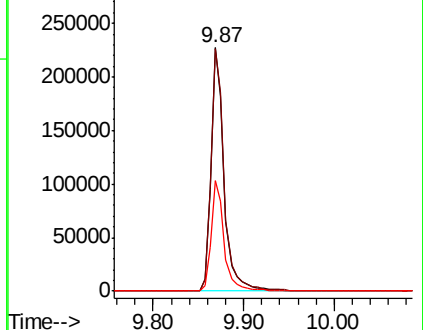
160 45.6 37.6 56.4



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

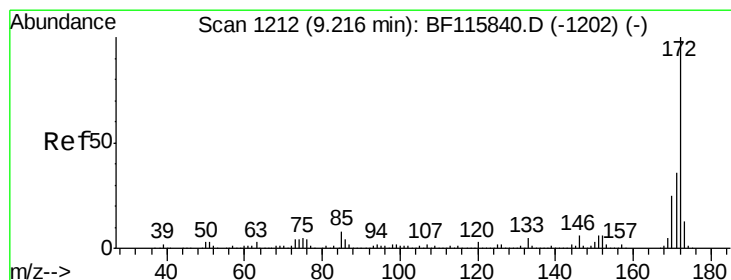
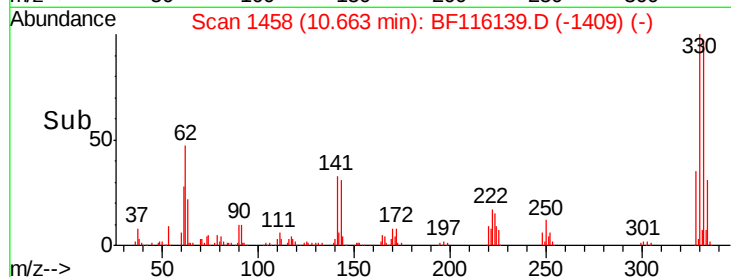
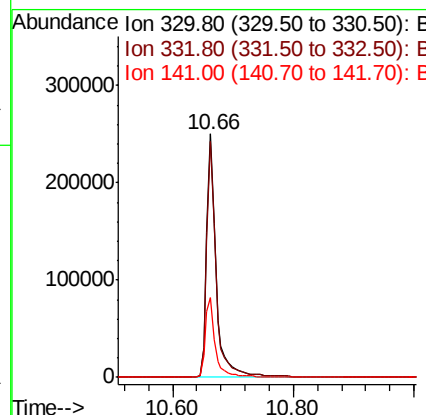
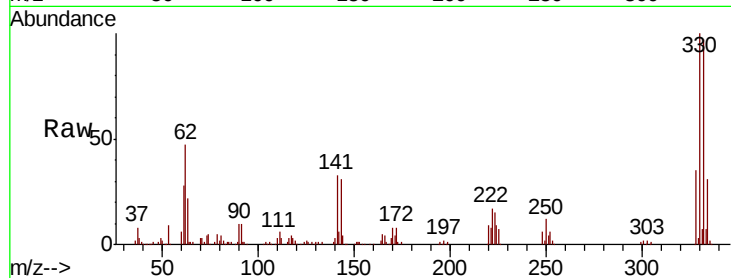




#42
 2,4,6-Tribromophenol
 Concen: 125.050 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116139.D
 Acq: 10 Aug 2019 3:33

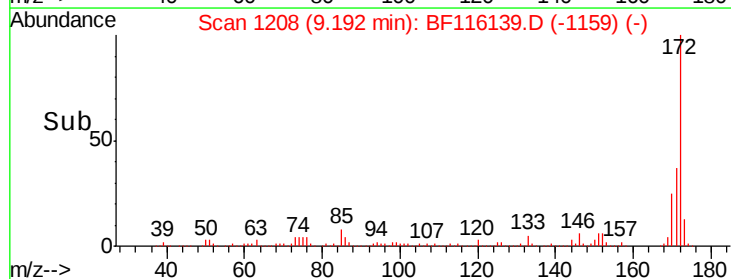
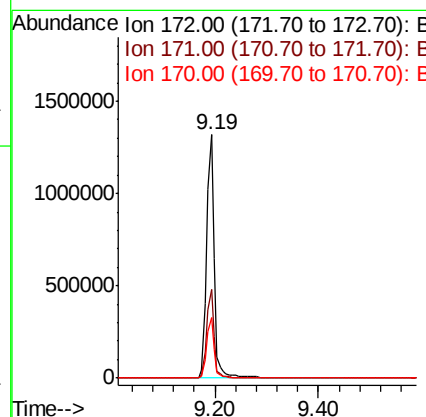
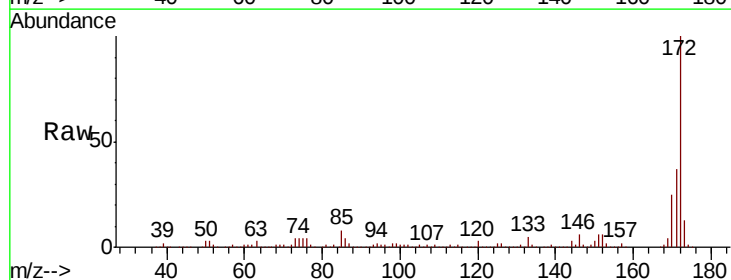
Instrument :
 BNA_F
 ClientSampleId :

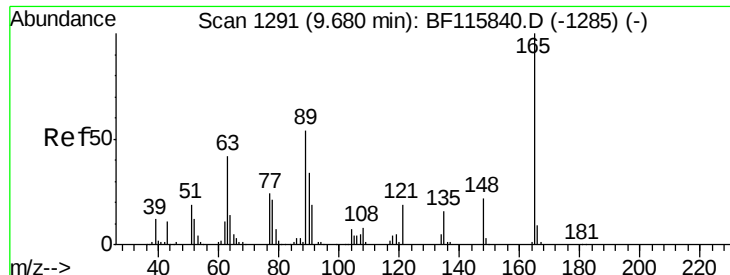
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	34.2	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 110.252 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116139.D
 Acq: 10 Aug 2019 3:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.9	20.1	30.1





#51

2,6-Dinitrotoluene

Concen: 8.456 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.19 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Instrument :

BNA_F

ClientSampleId :

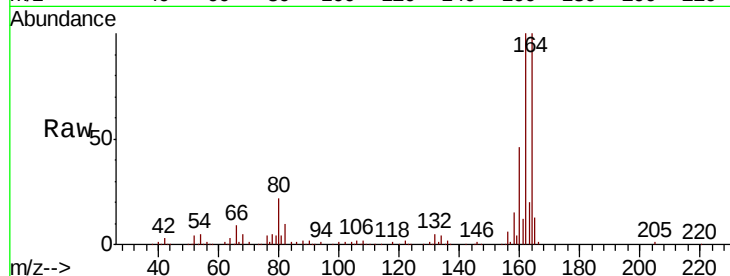
Tot Ion:165 Resp: 28787

Ion Ratio Lower Upper

165 100

63 1.0 38.2 57.2#

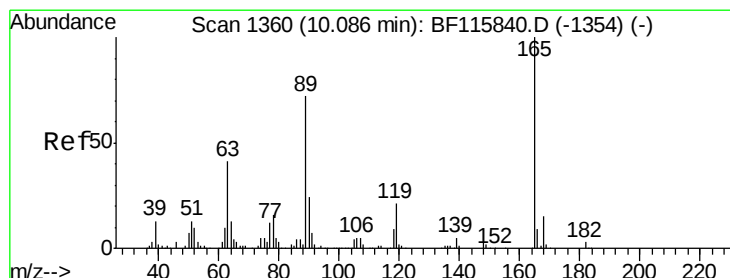
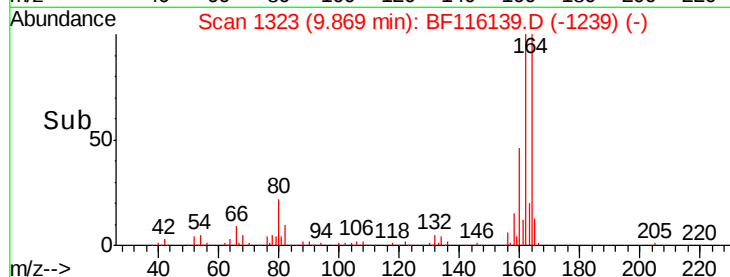
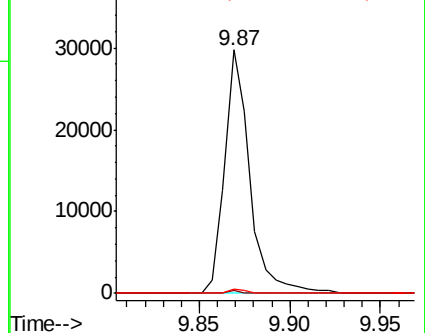
89 1.9 42.9 64.3#



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: 6.351 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116139.D

Acq: 10 Aug 2019 3:33

Tgt Ion:165 Resp: 28787

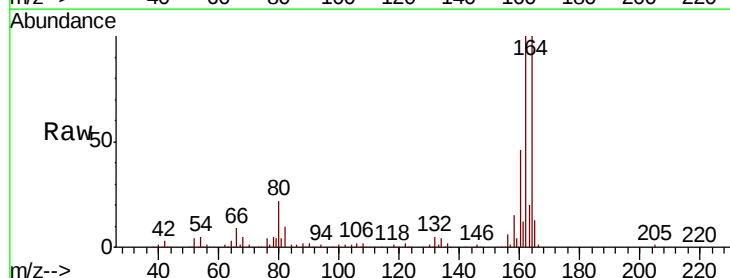
Ion Ratio Lower Upper

165 100

63 1.0 39.6 59.4#

89 1.9 62.2 93.2#

182 0.0 2.1 3.1#

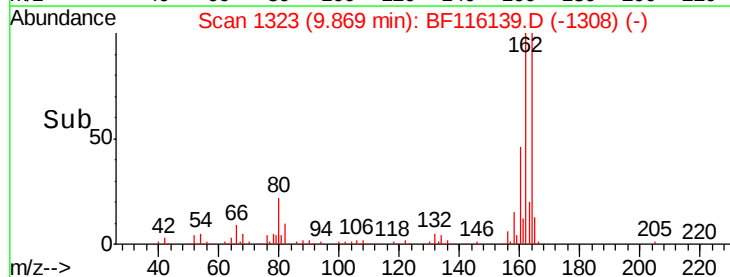
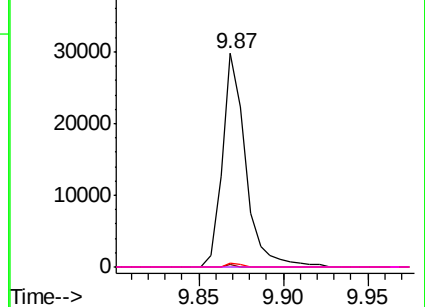


Abundance Ion 165.00 (164.70 to 165.70): E

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

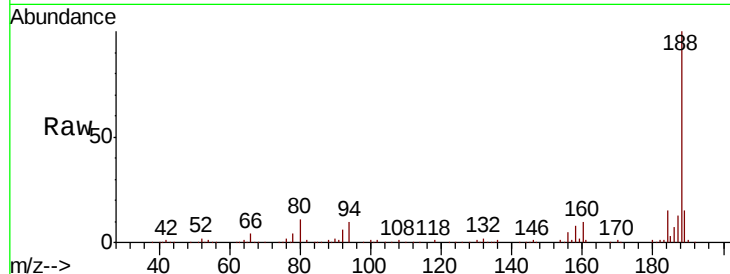




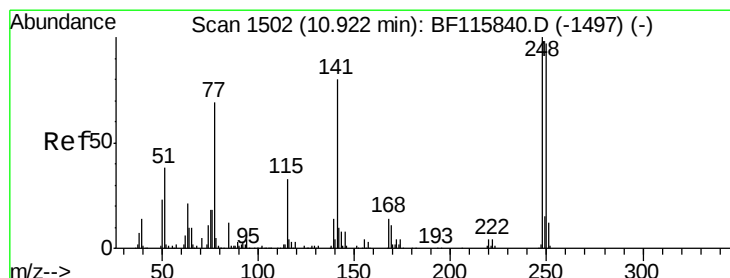
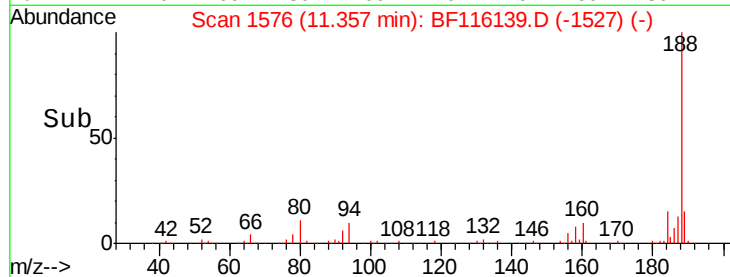
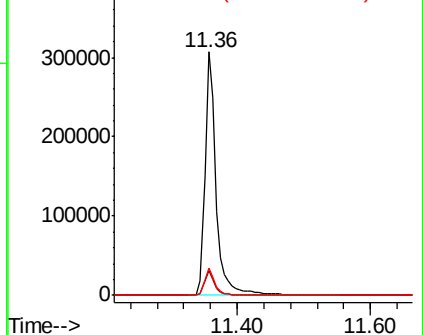
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116139.D
 Acq: 10 Aug 2019 3:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 350290
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.1 12.1
 80 11.3 8.7 13.1

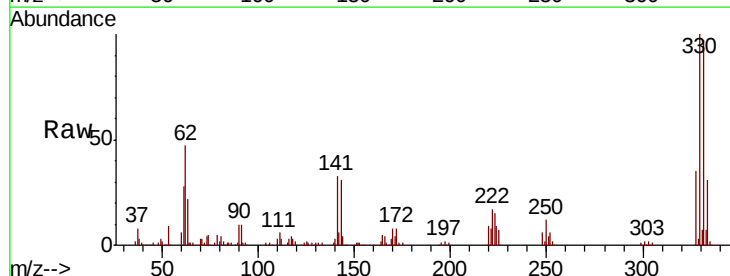


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

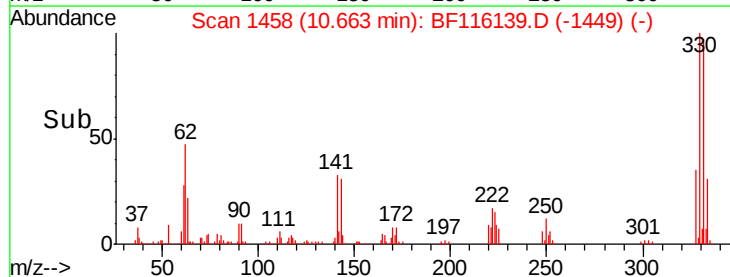
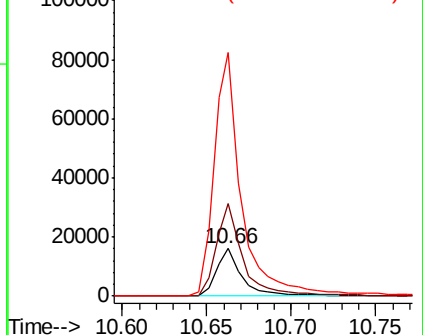


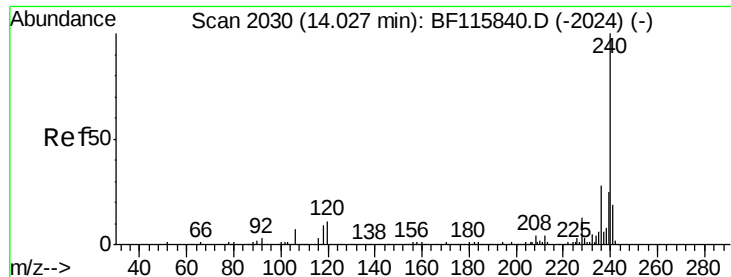
#67
 4-Bromophenyl-phenylether
 Concen: 4.484 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116139.D
 Acq: 10 Aug 2019 3:33

Tgt Ion:248 Resp: 16813
 Ion Ratio Lower Upper
 248 100
 250 194.4 77.4 116.2#
 141 512.5 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

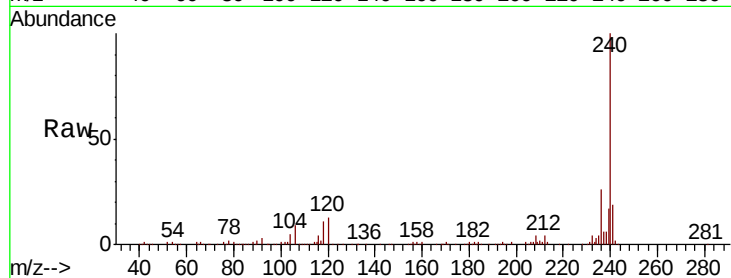




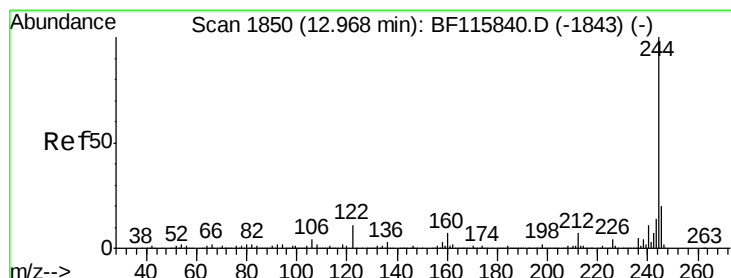
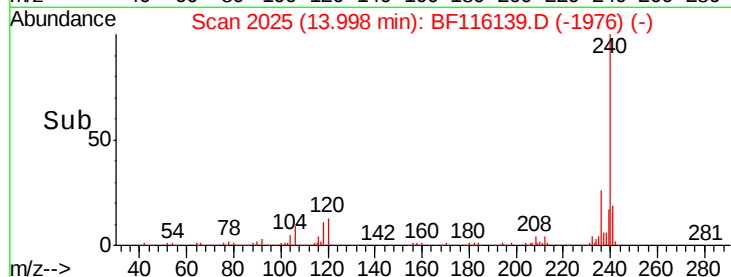
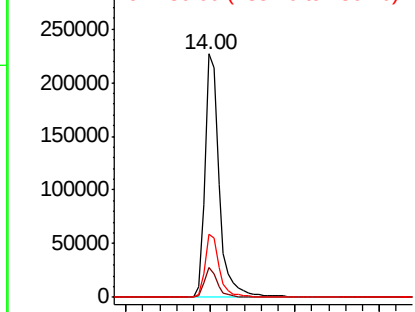
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116139.D
Acq: 10 Aug 2019 3:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 266939
Ion Ratio Lower Upper
240 100
120 12.5 10.7 16.1
236 26.0 22.2 33.2

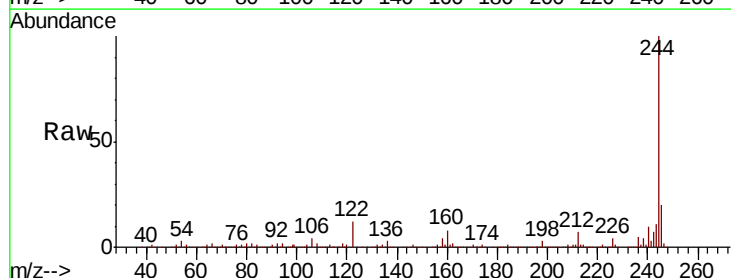


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

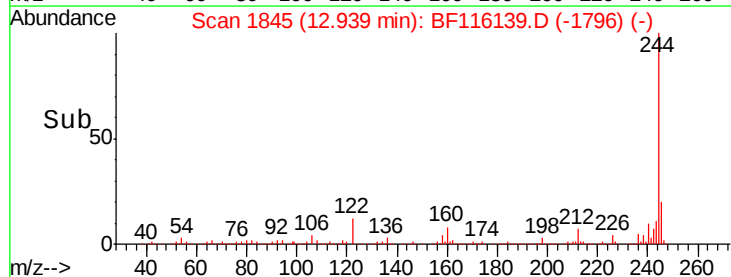
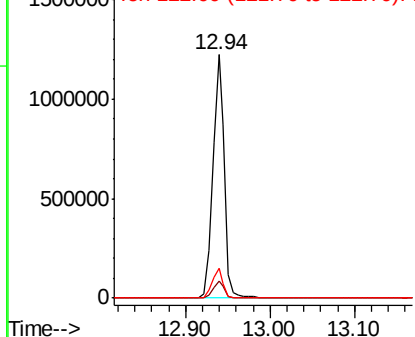


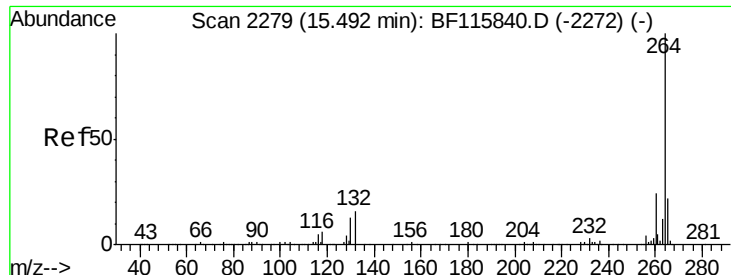
#79
Terphenyl-d14
Concen: 93.194 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116139.D
Acq: 10 Aug 2019 3:33

Tgt Ion:244 Resp: 1180592
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 12.4 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: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116139.D
 Acq: 10 Aug 2019 3:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.7	29.5
265	21.9	17.4	26.0

