

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116177.D
 Acq On : 11 Aug 2019 5:51
 Operator : HP/JU
 Sample : K4165-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 04:25:22 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

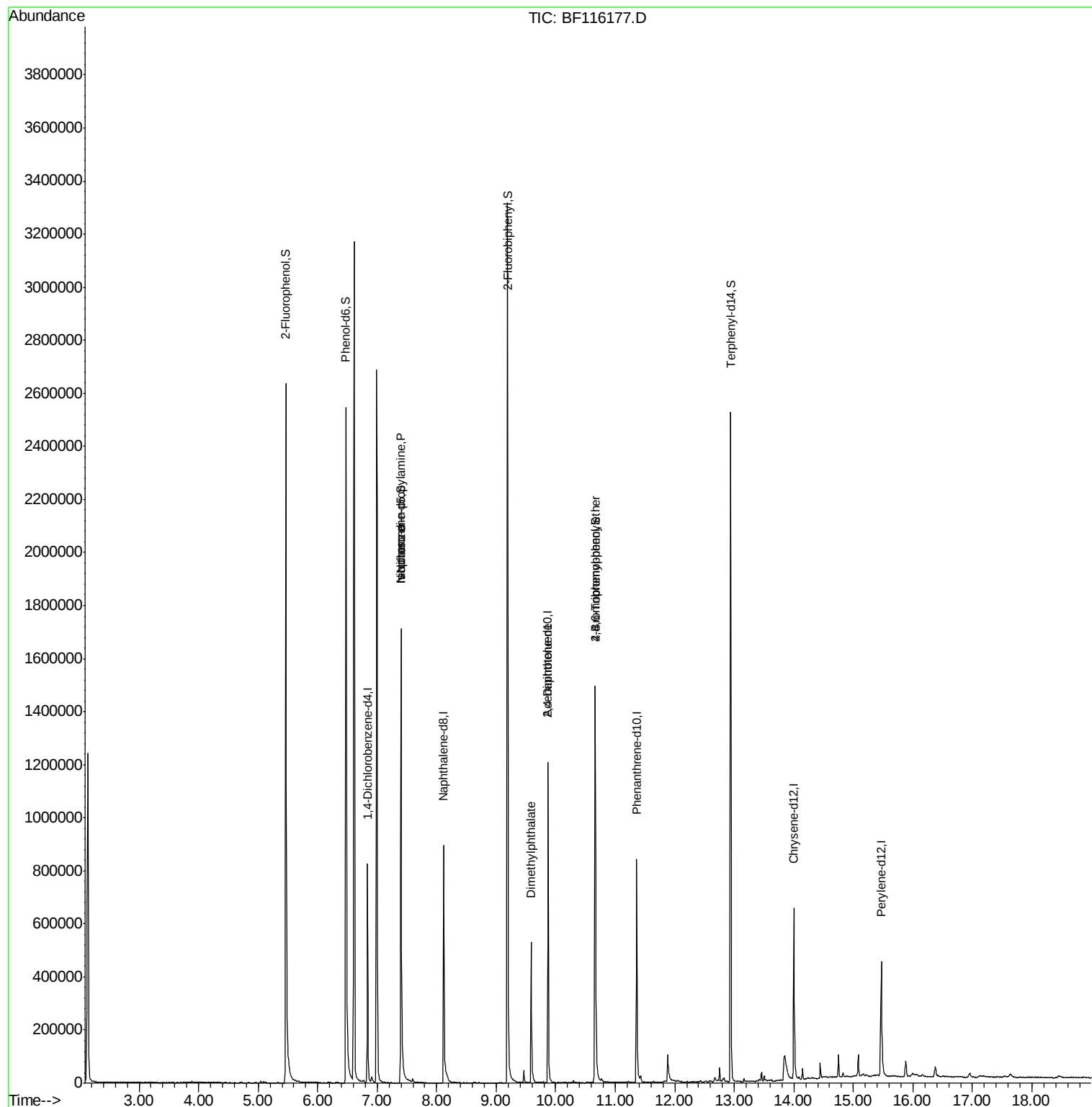
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	132239	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	507700	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	246959	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	370532	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	266183	20.00	ng	-0.01
87) Perylene-d12	15.47	264	249103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	882879	111.77	ng	0.00
7) Phenol-d6	6.47	99	1133946	113.78	ng	-0.01
23) Nitrobenzene-d5	7.40	82	732777	83.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	227668	95.09	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1151694	87.35	ng	-0.01
79) Terphenyl-d14	12.94	244	903438	71.52	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	95827	15.516	ng	# 80
25) Isophorone	7.40	82	734179	43.654	ng	# 65
50) Dimethylphthalate	9.59	163	282293	16.788	ng	99
57) 2,4-Dinitrotoluene	9.87	165	31369	6.447	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	13974	3.523	ng	# 1

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

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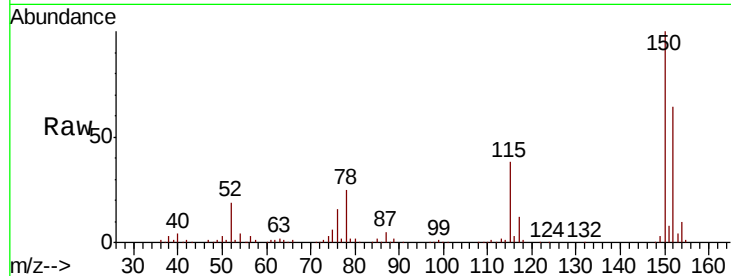


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116177.D
Acq: 11 Aug 2019 5:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	58.3	49.9	74.9

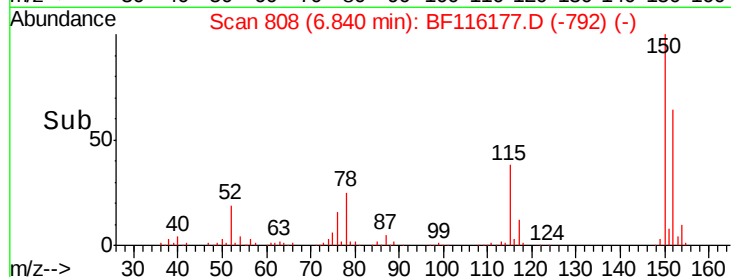
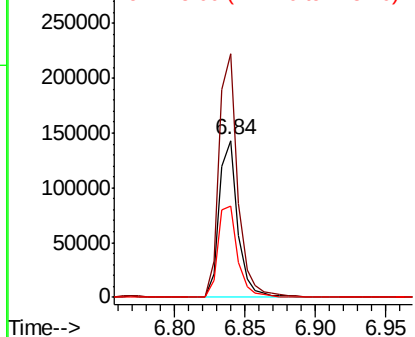


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

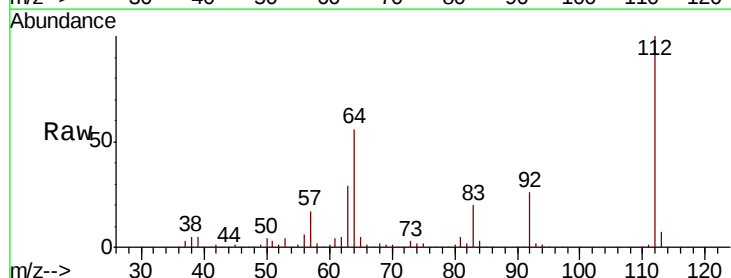
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.767 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116177.D
Acq: 11 Aug 2019 5:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.4	68.2
63	28.8	23.7	35.5

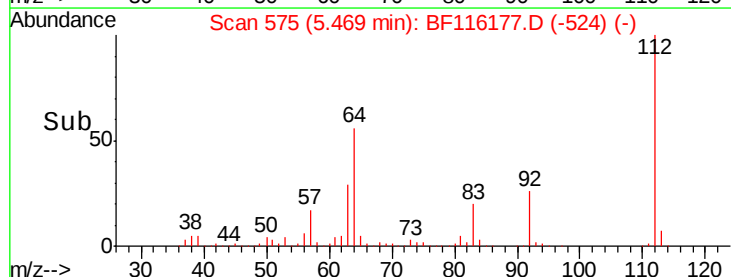
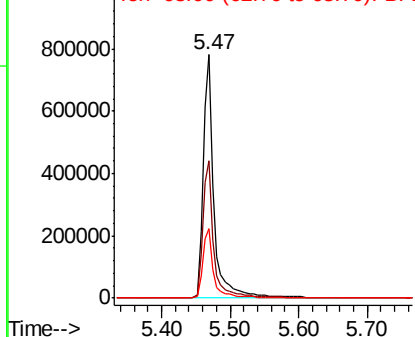


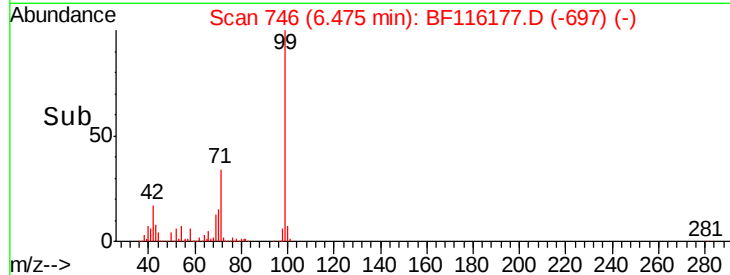
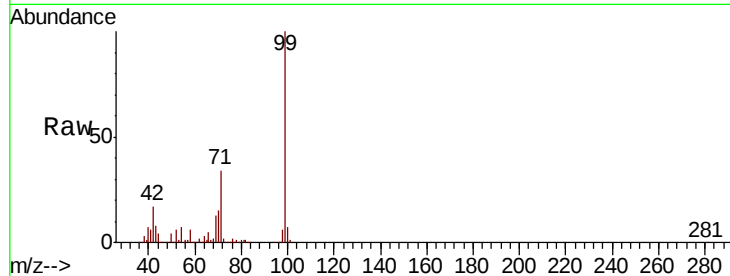
Abundance

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

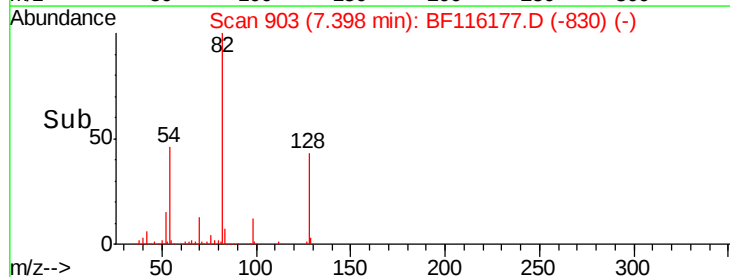
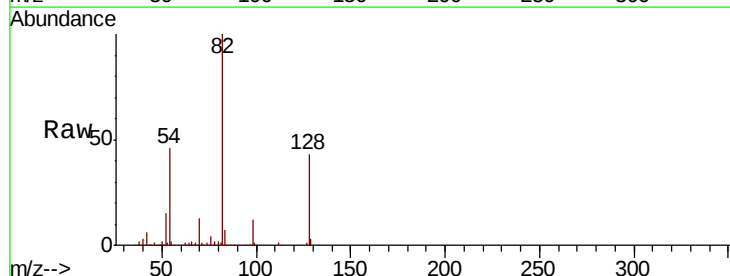
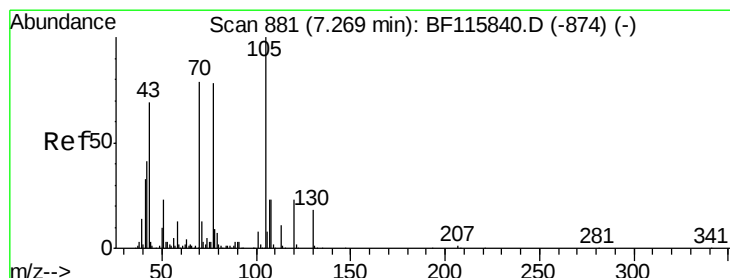
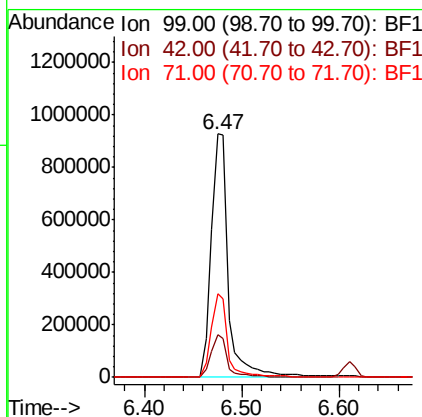




#7
Phenol-d6
Concen: 113.777 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116177.D
Acq: 11 Aug 2019 5:51

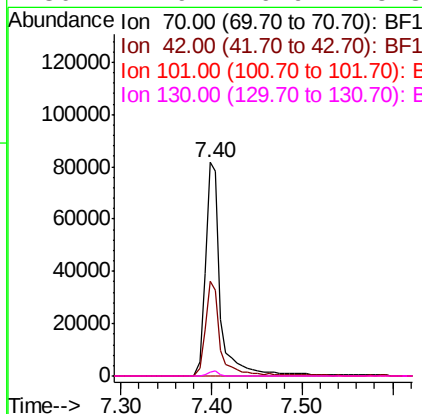
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 99 Resp: 1133946
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.8
71 34.4 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.516 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116177.D
Acq: 11 Aug 2019 5:51

Tgt Ion: 70 Resp: 95827
Ion Ratio Lower Upper
70 100
42 44.1 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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 507700

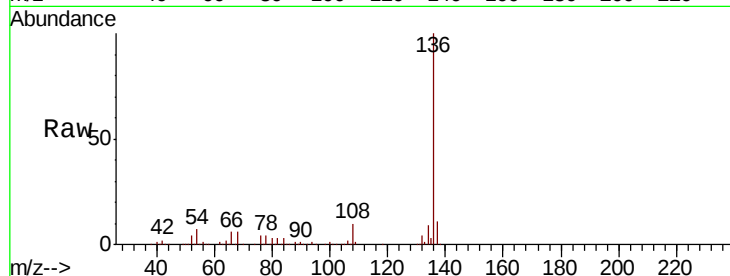
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.3 5.8 8.6

68 6.3 5.2 7.8

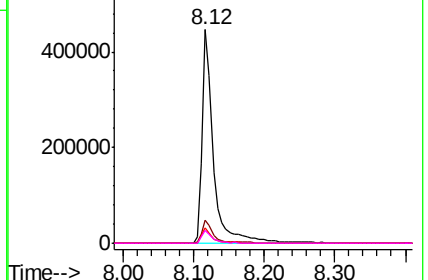
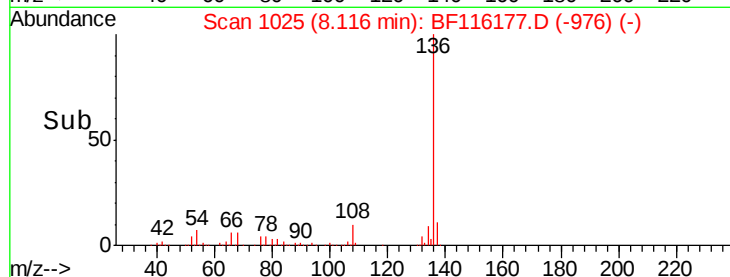


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.313 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

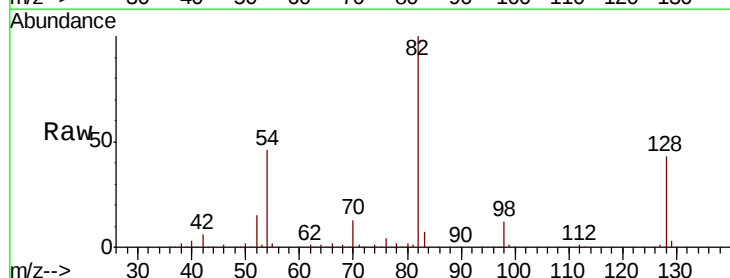
Tgt Ion: 82 Resp: 732777

Ion Ratio Lower Upper

82 100

128 43.0 36.5 54.7

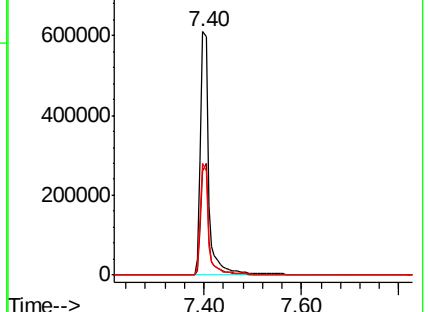
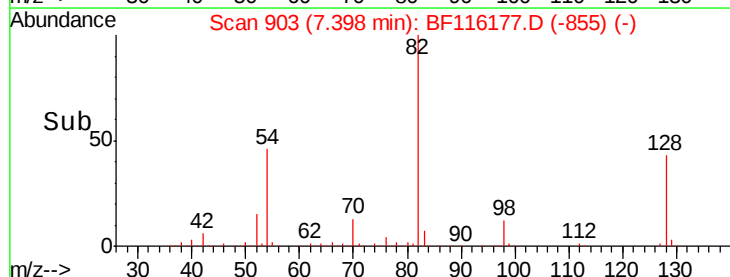
54 45.7 36.0 54.0



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: 43.654 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

Instrument :

BNA_F

ClientSampleId :

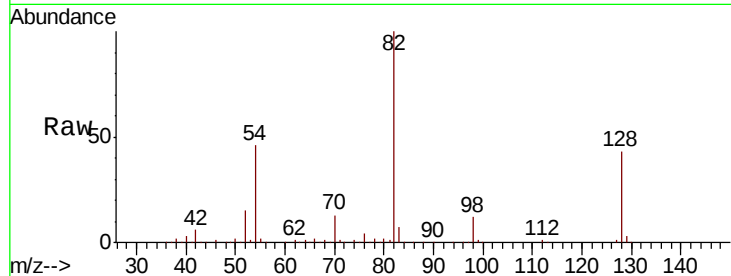
Tot Ion: 82 Resp: 734179

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

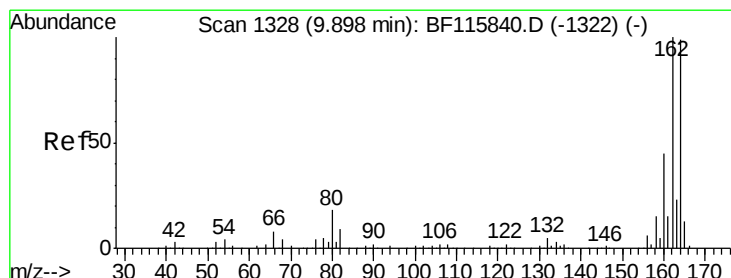
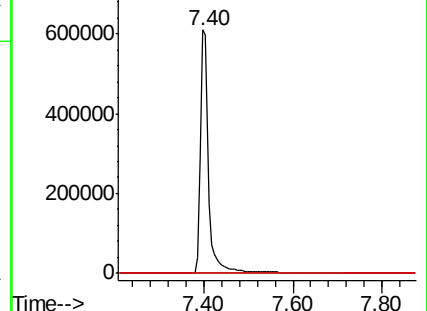
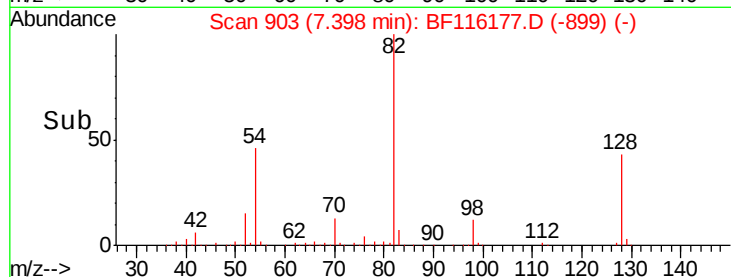
138 0.0 14.5 21.7#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

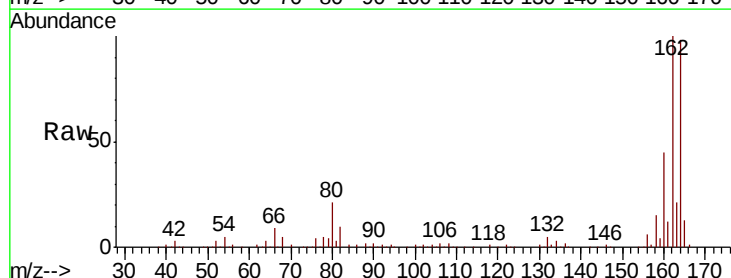
Tgt Ion: 164 Resp: 246959

Ion Ratio Lower Upper

164 100

162 101.9 82.6 124.0

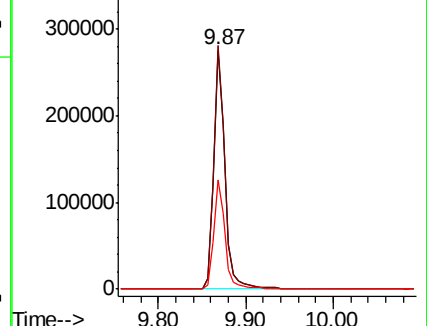
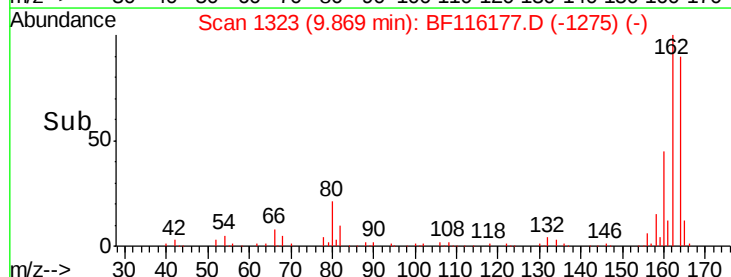
160 45.6 37.6 56.4



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: 95.086 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

Instrument :

BNA_F

ClientSampled :

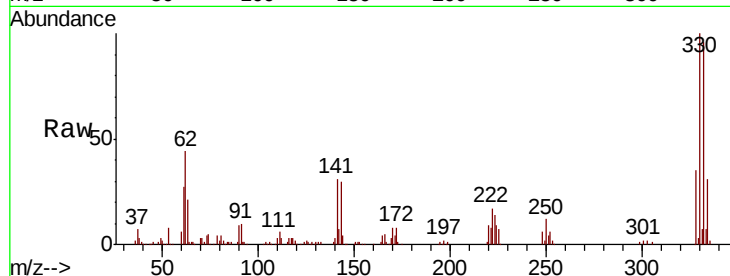
Tot Ion:330 Resp: 227668

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

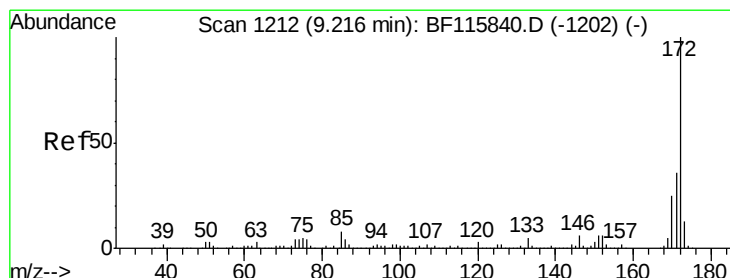
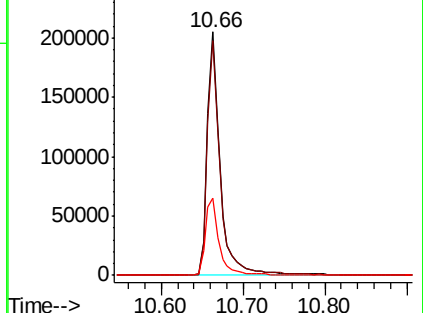
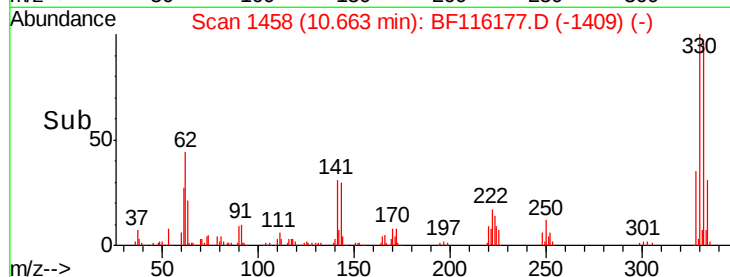
141 34.4 26.3 39.5



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: 87.351 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

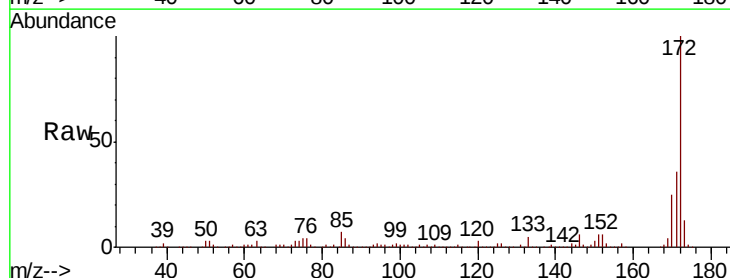
Tgt Ion:172 Resp: 1151694

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

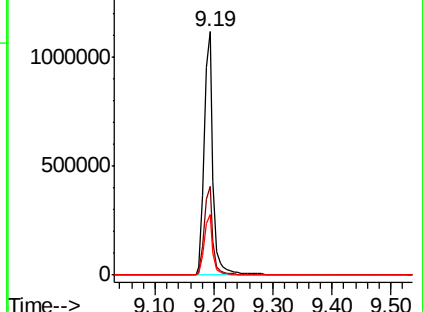
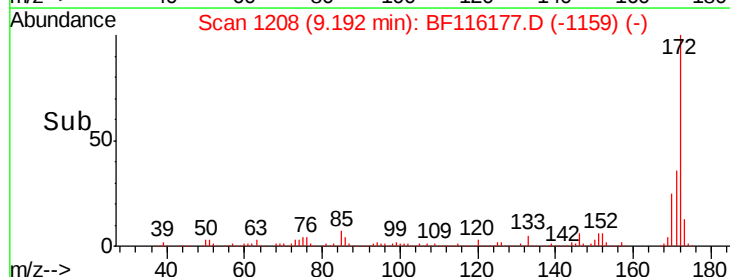
170 25.1 20.1 30.1

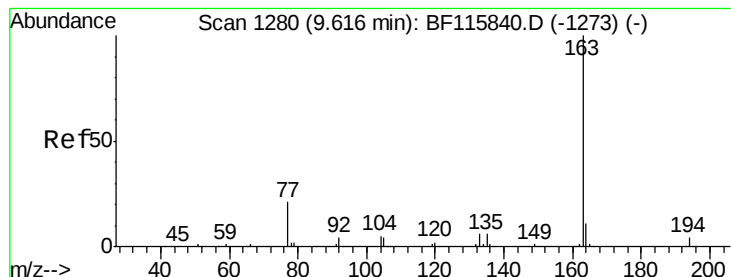


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.788 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

Instrument :

BNA_F

ClientSampleId :

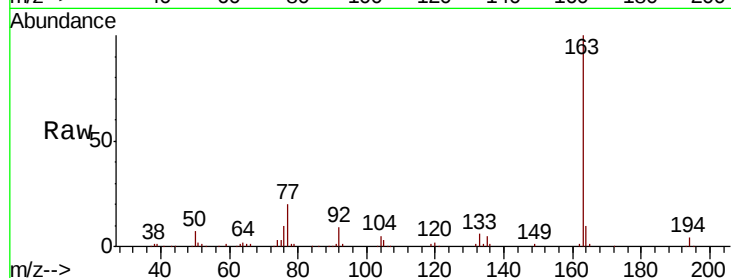
Tot Ion:163 Resp: 282293

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

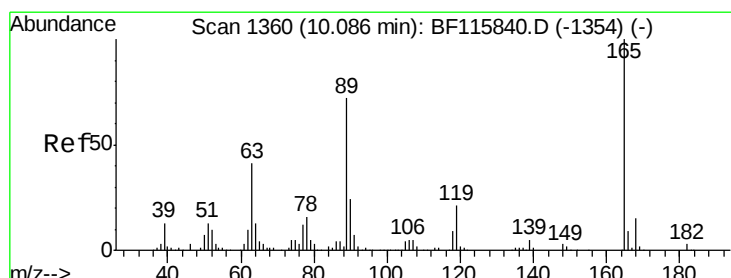
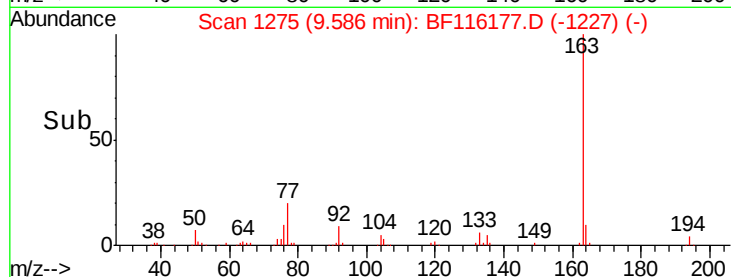
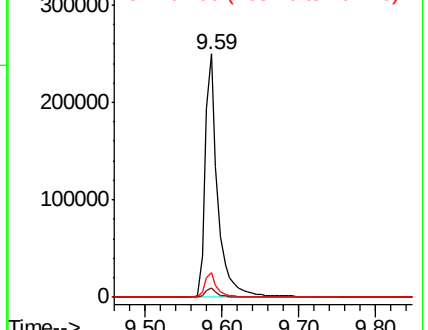
164 10.0 8.4 12.6



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: 6.447 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116177.D

Acq: 11 Aug 2019 5:51

Tgt Ion:165 Resp: 31369

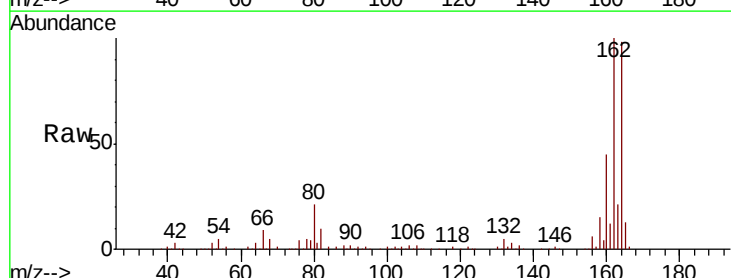
Ion Ratio Lower Upper

165 100

63 1.0 39.6 59.4#

89 1.2 62.2 93.2#

182 0.0 2.1 3.1#

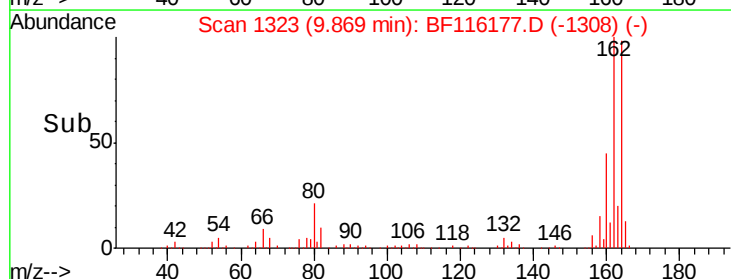
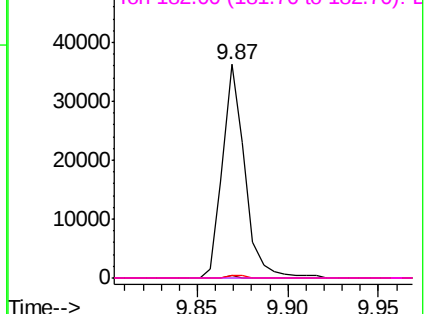


Abundance Ion 165.00 (164.70 to 165.70): E

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

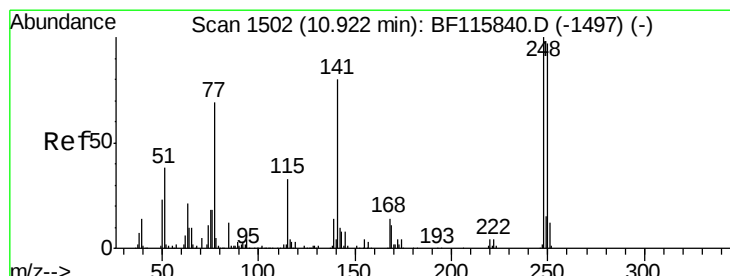
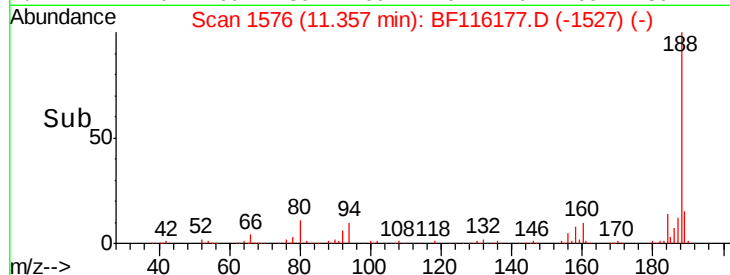
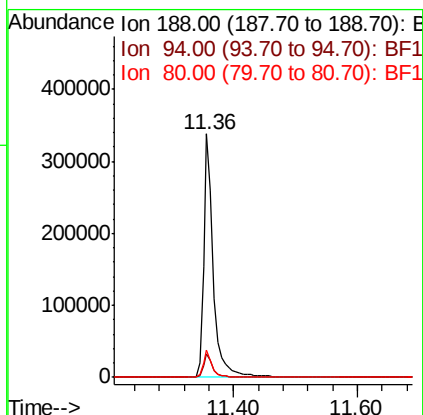
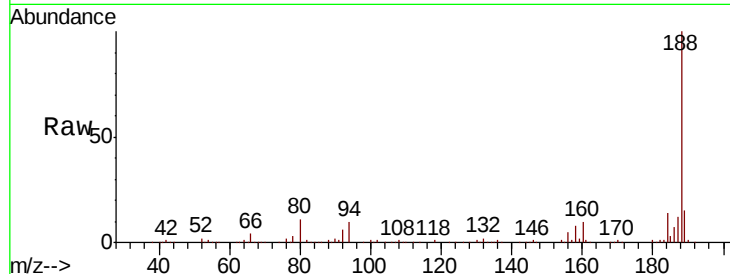




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116177.D
 Acq: 11 Aug 2019 5:51

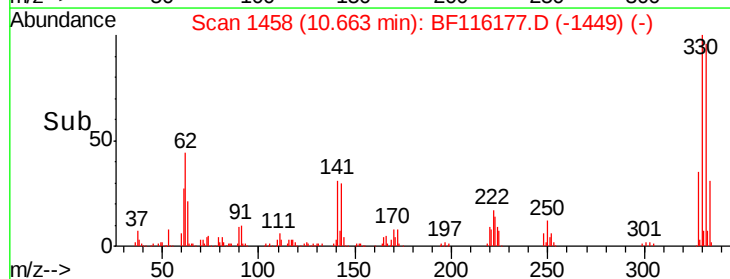
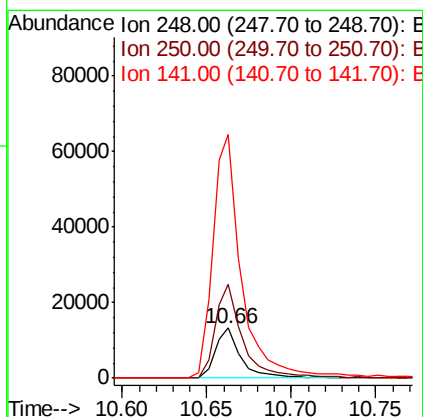
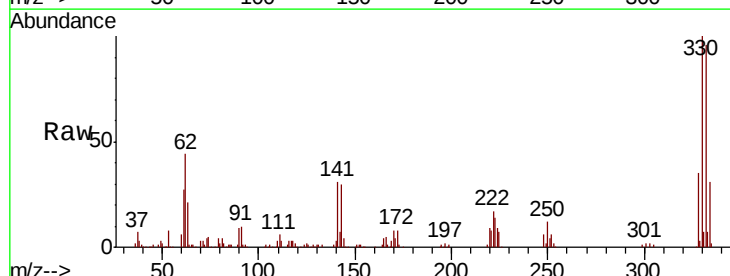
Instrument :
 BNA_F
 ClientSampleId :

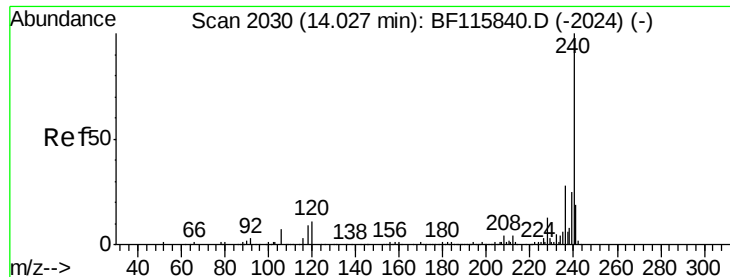
Tot Ion:188 Resp: 370532
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.1 12.1
 80 11.4 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.523 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116177.D
 Acq: 11 Aug 2019 5:51

Tgt Ion:248 Resp: 13974
 Ion Ratio Lower Upper
 248 100
 250 186.4 77.4 116.2#
 141 484.3 56.8 85.2#

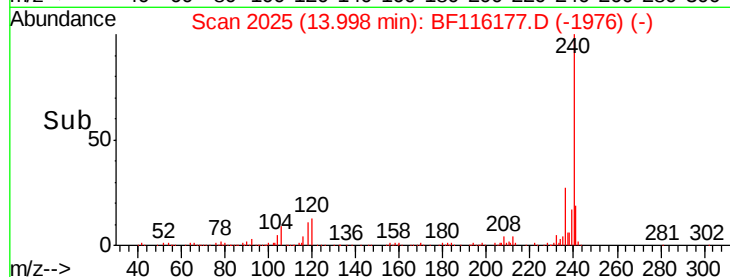
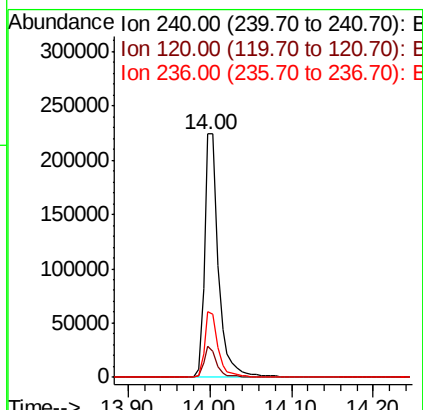
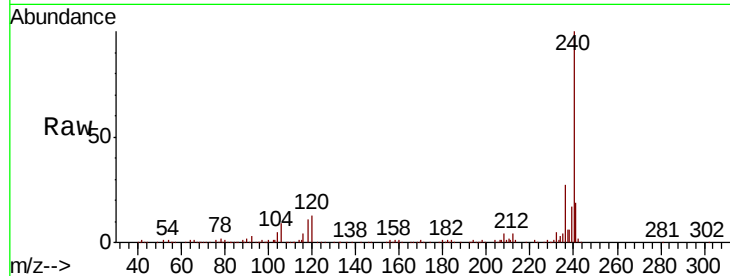




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116177.D
 Acq: 11 Aug 2019 5:51

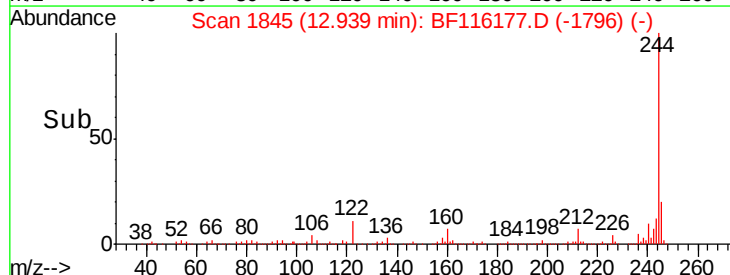
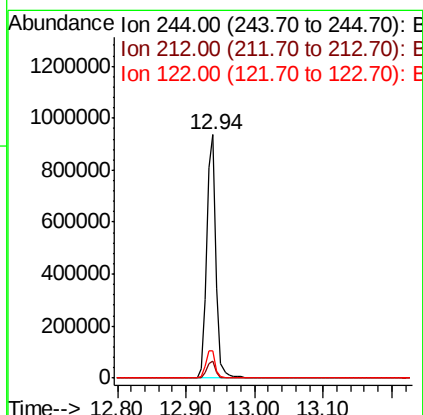
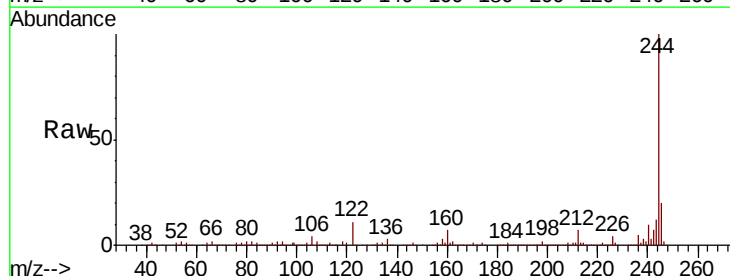
Instrument :
 BNA_F
 ClientSampleId :

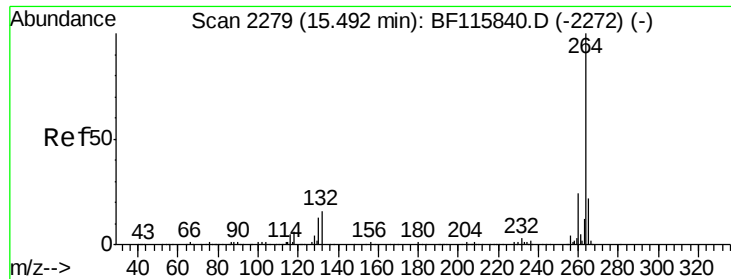
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.7	16.1
236	27.0	22.2	33.2



#79
 Terphenyl-d14
 Concen: 71.518 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116177.D
 Acq: 11 Aug 2019 5:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.1	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116177.D
 Acq: 11 Aug 2019 5:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	21.3	17.4	26.0

