

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115939.D
 Acq On : 2 Aug 2019 11:47
 Operator : HP/JU
 Sample : PB121939TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121939TB

Quant Time: Aug 02 16:43:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

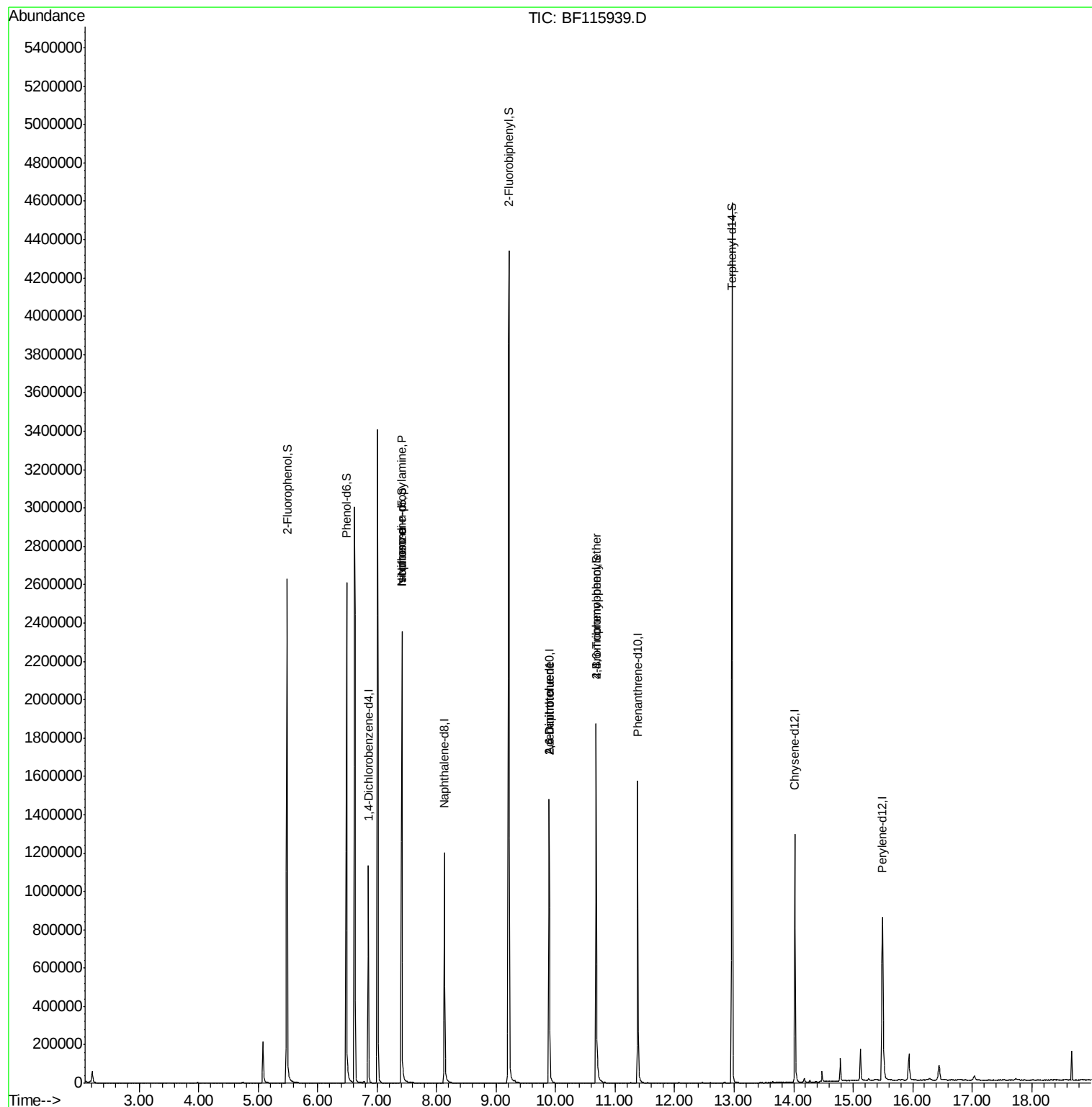
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	159680	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	609006	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	328442	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	597989	20.00	ng	0.00
76) Chrysene-d12	14.02	240	460988	20.00	ng	0.00
87) Perylene-d12	15.49	264	434096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	796998	83.56	ng	0.02
7) Phenol-d6	6.49	99	987746	82.08	ng	0.00
23) Nitrobenzene-d5	7.42	82	925156	87.69	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	277682	87.20	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1591853	90.78	ng	0.00
79) Terphenyl-d14	12.97	244	1758603	80.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	124480	16.692	ng	# 77
25) Isophorone	7.42	82	914248	45.318	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	42230	8.689	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	42352	6.545	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	17092	2.670	ng	# 1

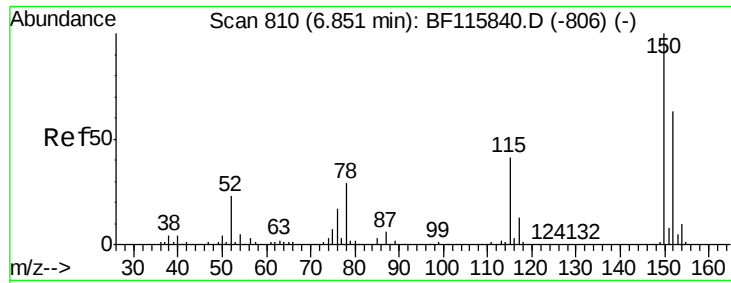
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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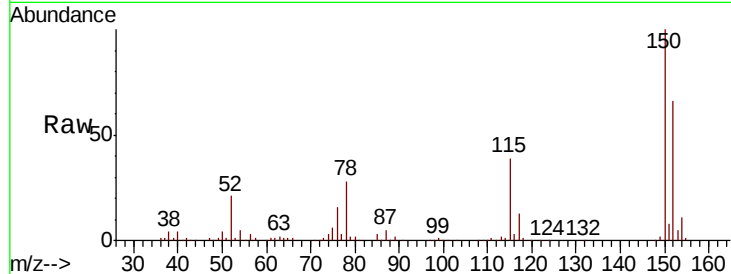


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115939.D
Acq: 2 Aug 2019 11:47

Instrument :
BNA_F
ClientSampleId :
PB121939TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	127.4	191.0
115	59.9	51.8	77.8

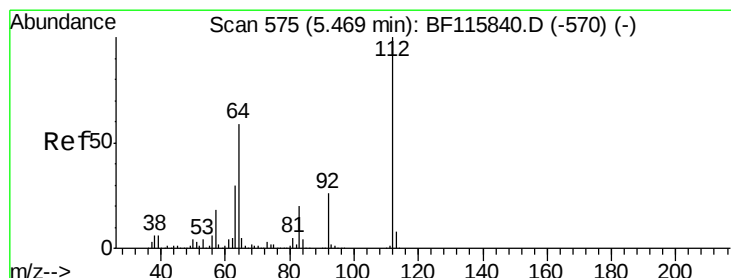
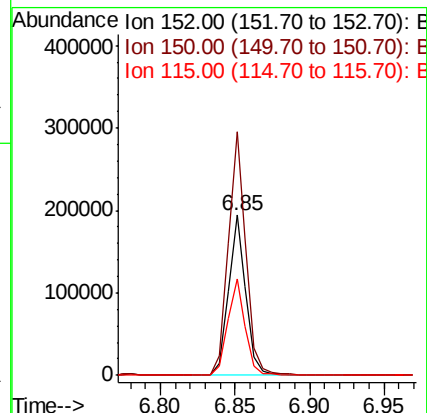
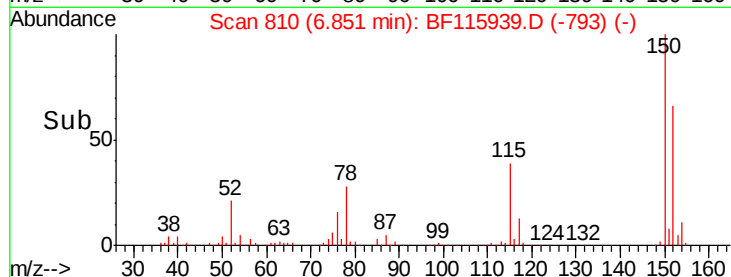


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

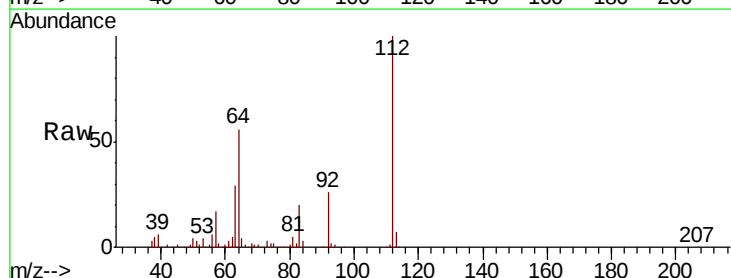
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.556 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115939.D
Acq: 2 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.8	70.2
63	29.4	24.2	36.2

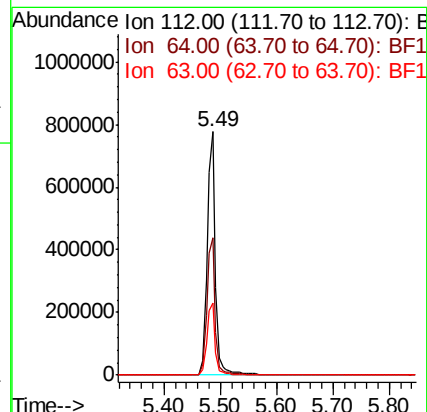
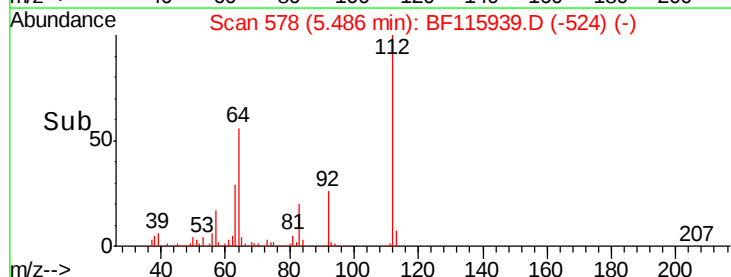


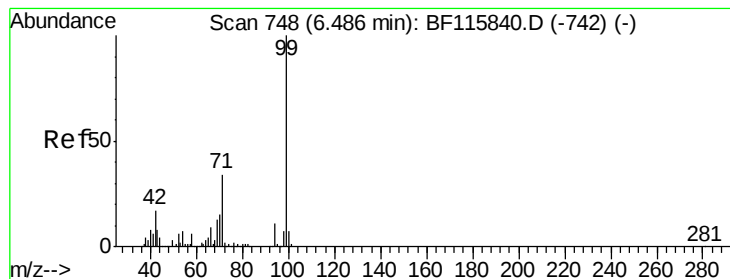
Abundance

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: 82.076 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115939.D

Acq: 2 Aug 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB121939TB

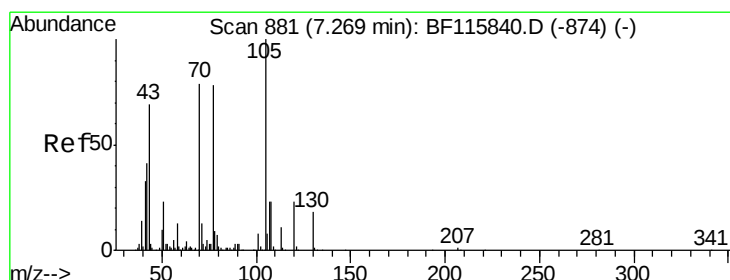
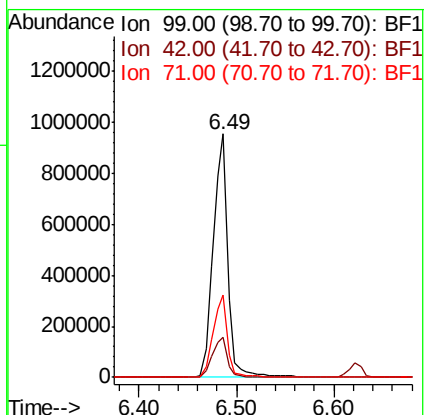
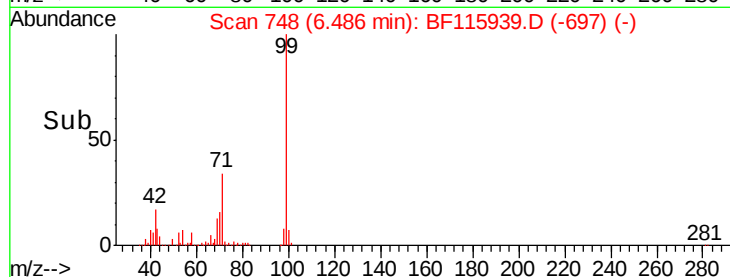
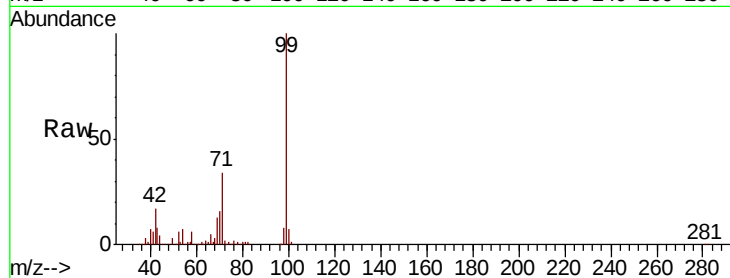
Tot Ion: 99 Resp: 987746

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

71 34.0 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.692 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115939.D

Acq: 2 Aug 2019 11:47

Tgt Ion: 70 Resp: 124480

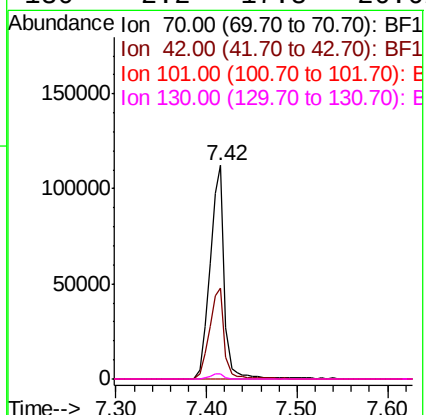
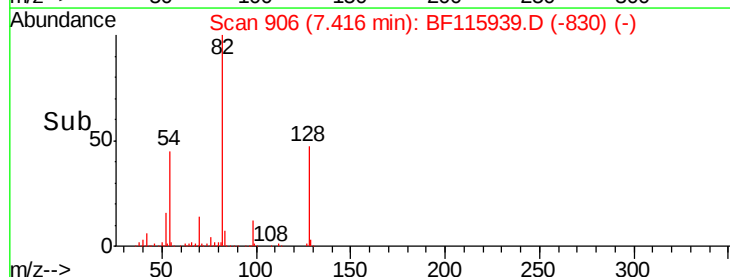
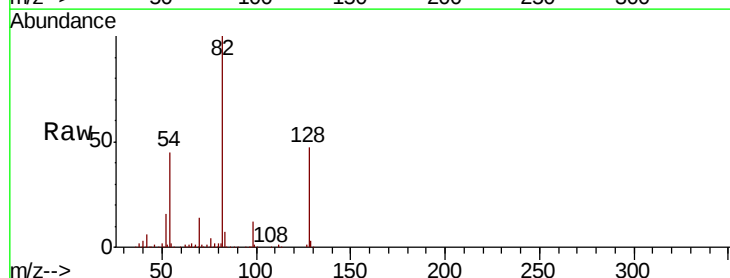
Ion Ratio Lower Upper

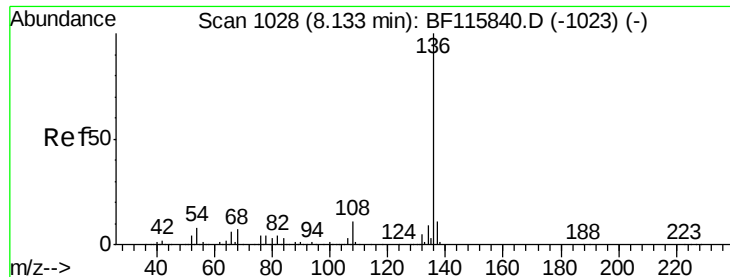
70 100

42 42.6 41.8 62.8

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF115939.D

Acq: 2 Aug 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB121939TB

Tot Ion:136 Resp: 609006

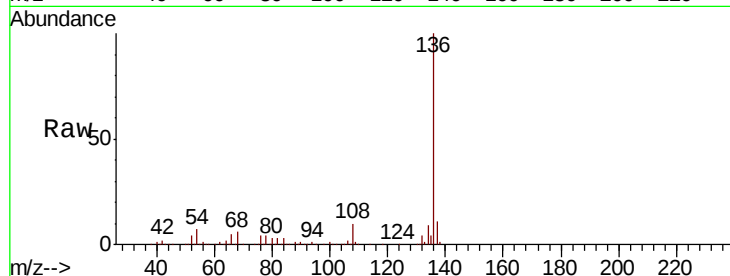
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.0 6.1 9.1

68 6.0 5.4 8.2

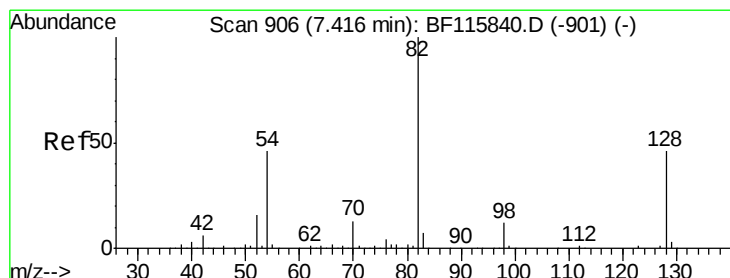
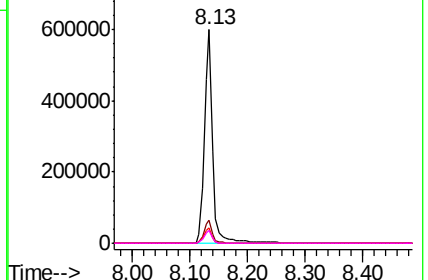
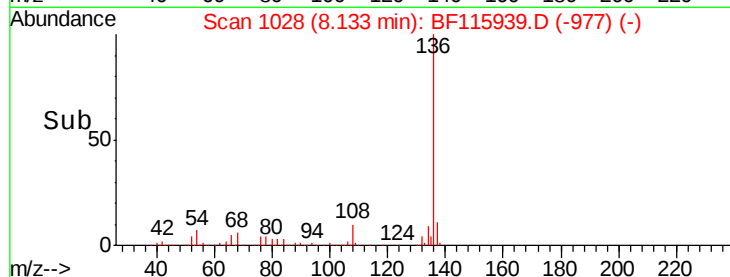


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.689 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF115939.D

Acq: 2 Aug 2019 11:47

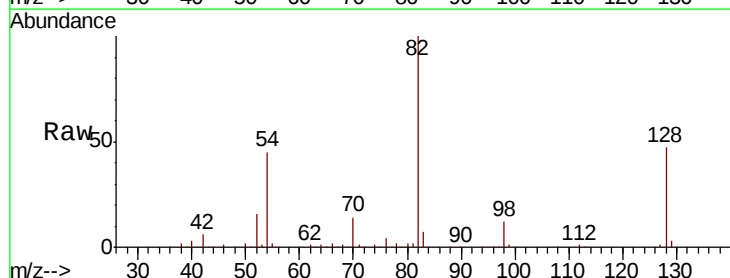
Tgt Ion: 82 Resp: 925156

Ion Ratio Lower Upper

82 100

128 46.6 36.6 55.0

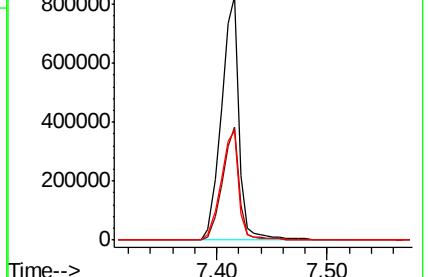
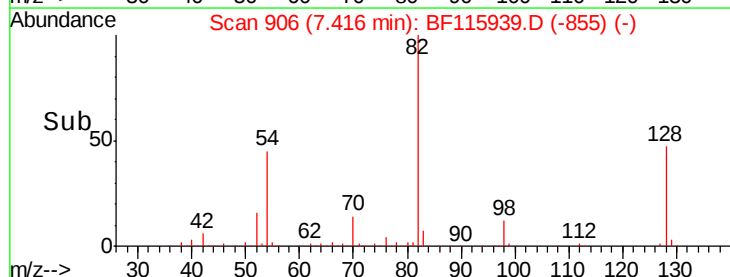
54 44.9 36.6 55.0

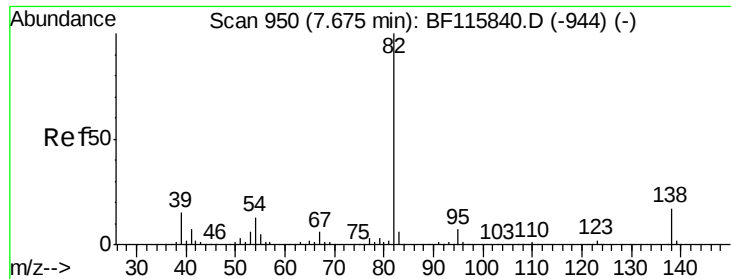


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.318 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115939.D

Acq: 2 Aug 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB121939TB

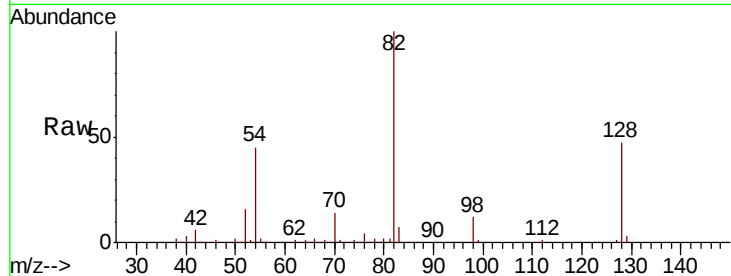
Tot Ion: 82 Resp: 914248

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

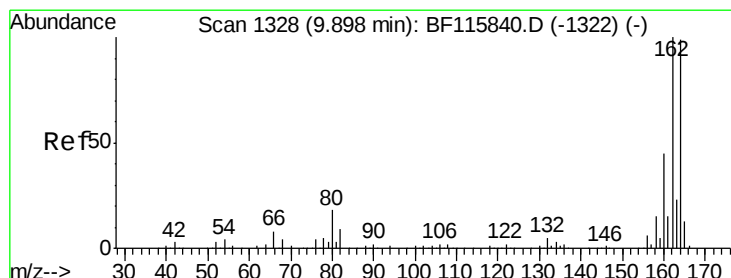
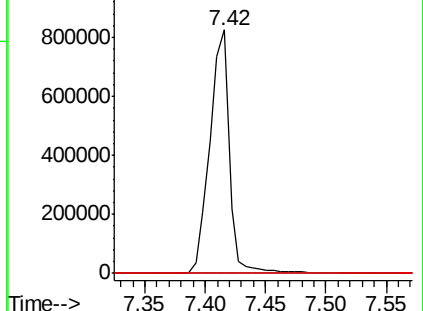
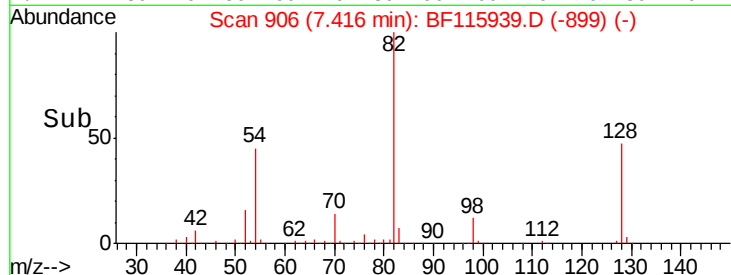
138 0.0 13.9 20.9#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115939.D

Acq: 2 Aug 2019 11:47

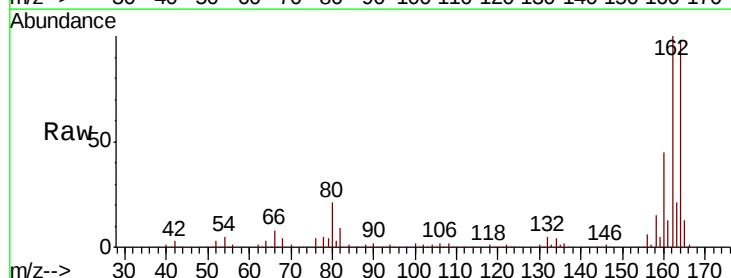
Tgt Ion: 164 Resp: 328442

Ion Ratio Lower Upper

164 100

162 101.8 80.8 121.2

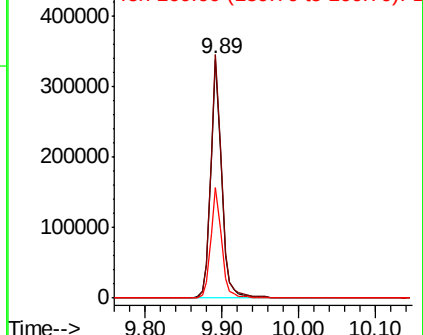
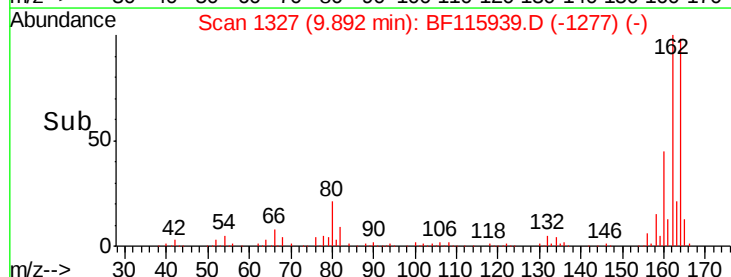
160 46.0 36.2 54.4

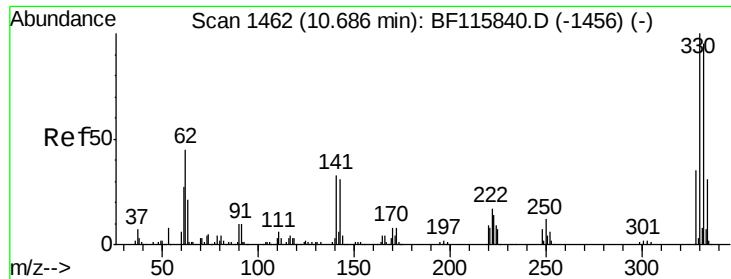


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

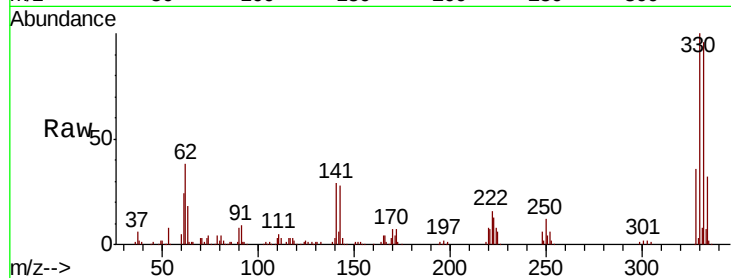




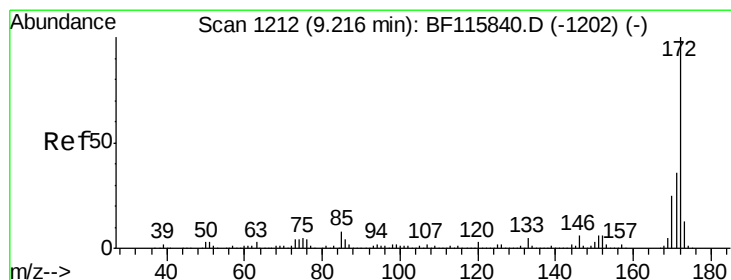
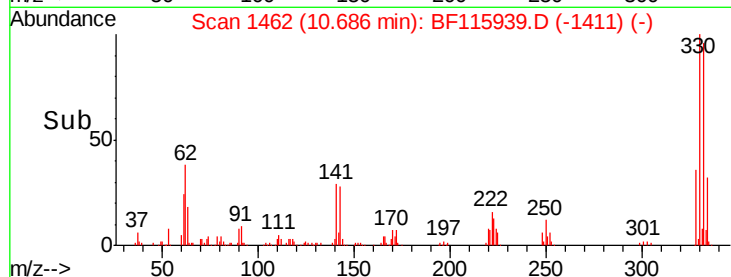
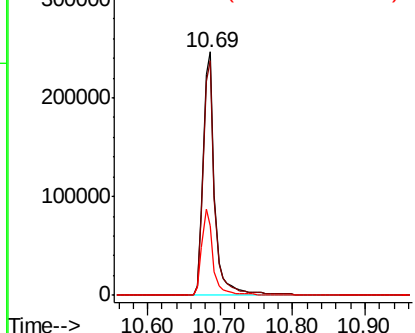
#42
 2,4,6-Tribromophenol
 Concen: 87.202 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF115939.D
 Acq: 2 Aug 2019 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB121939TB

Tot Ion:330 Resp: 277682
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.7 116.5
 141 35.0 28.1 42.1

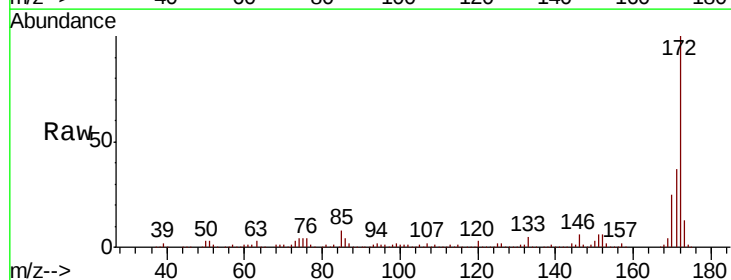


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

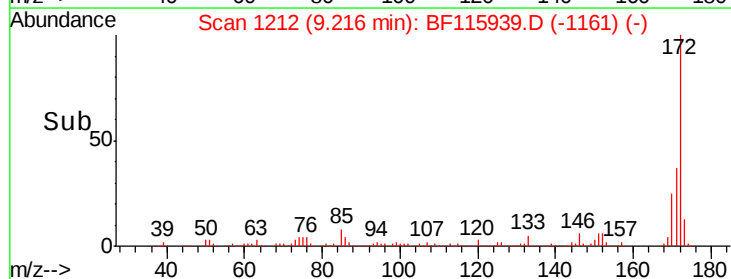
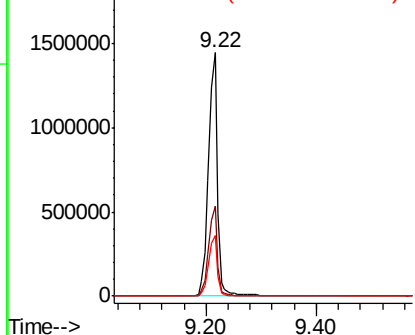


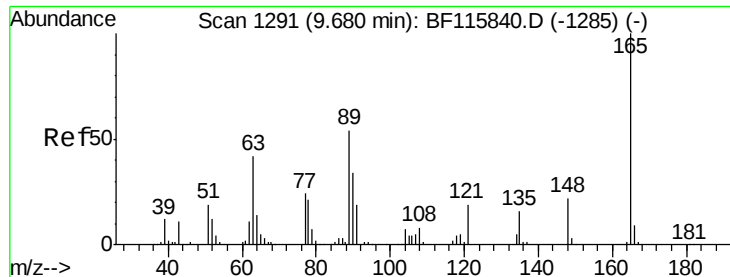
#45
 2-Fluorobiphenyl
 Concen: 90.782 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF115939.D
 Acq: 2 Aug 2019 11:47

Tgt Ion:172 Resp: 1591853
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 24.8 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

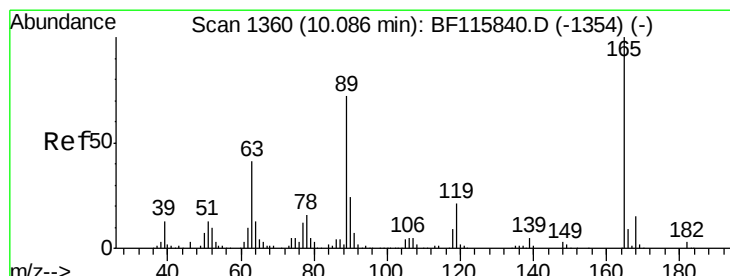
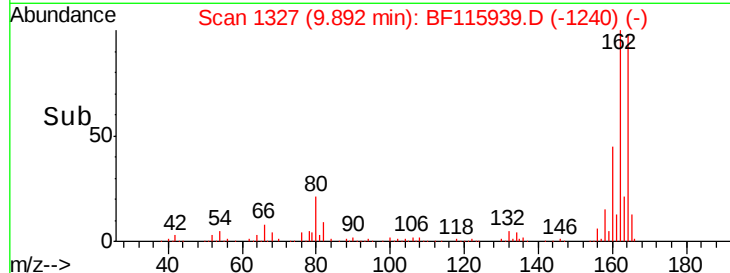
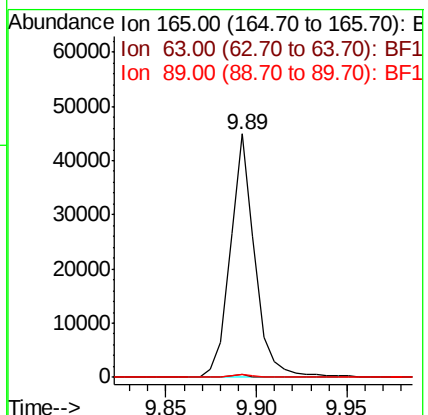
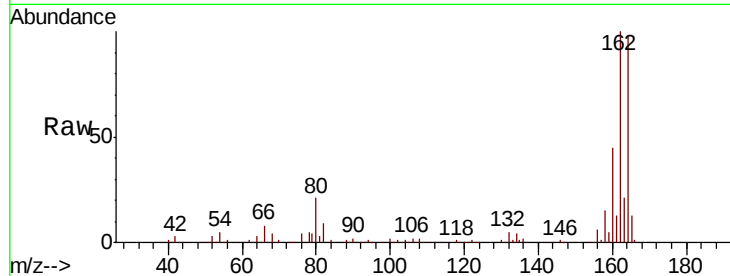




#51
 2,6-Dinitrotoluene
 Concen: 8.689 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF115939.D
 Acq: 2 Aug 2019 11:47

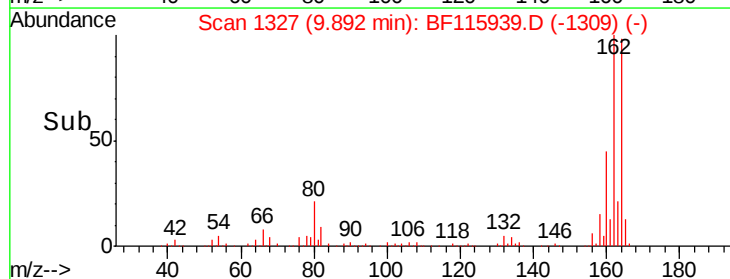
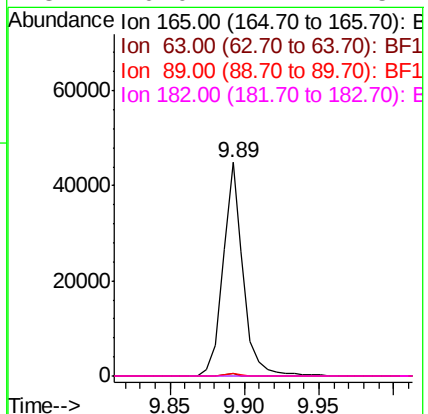
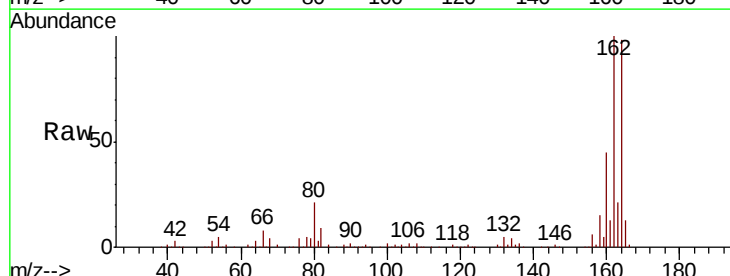
Instrument :
 BNA_F
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 PB121939TB

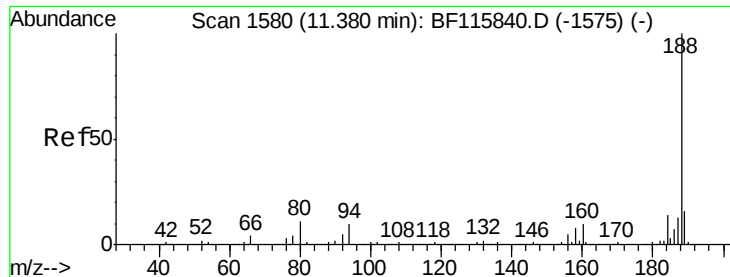
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.3	43.0	64.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.545 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115939.D
 Acq: 2 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.2	49.8#
89	1.3	57.3	85.9#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF115939.D

Acq: 2 Aug 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB121939TB

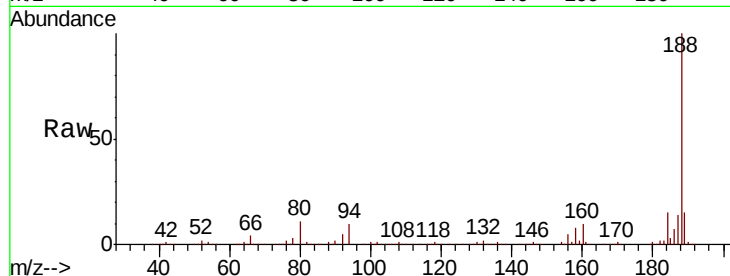
Tot Ion:188 Resp: 597989

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

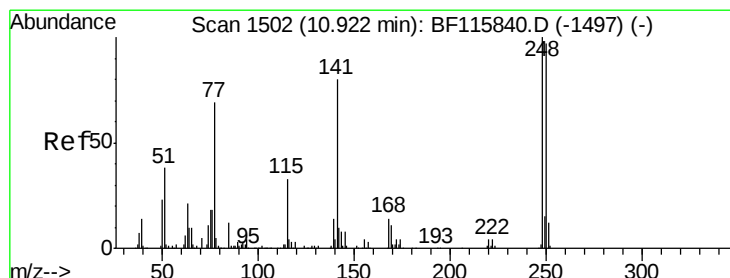
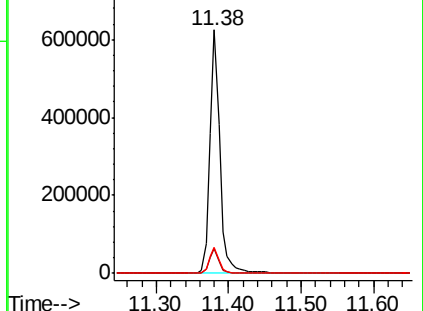
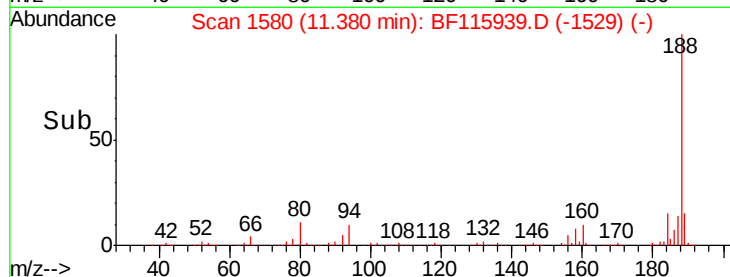
80 10.9 8.6 12.8



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: 2.670 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.24 min

Lab File: BF115939.D

Acq: 2 Aug 2019 11:47

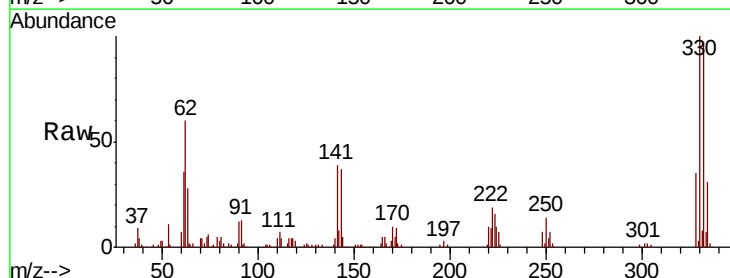
Tgt Ion:248 Resp: 17092

Ion Ratio Lower Upper

248 100

250 191.9 77.8 116.6#

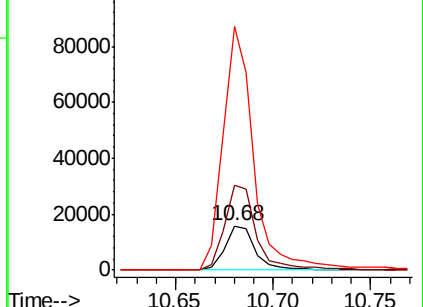
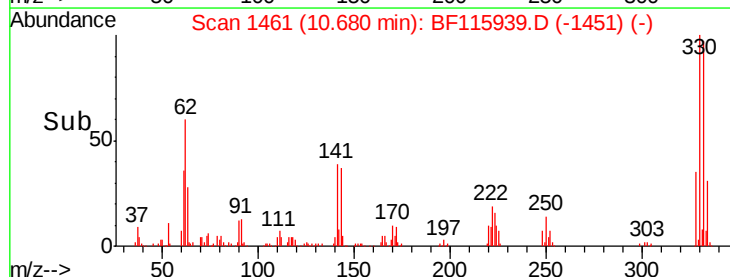
141 552.2 64.3 96.5#

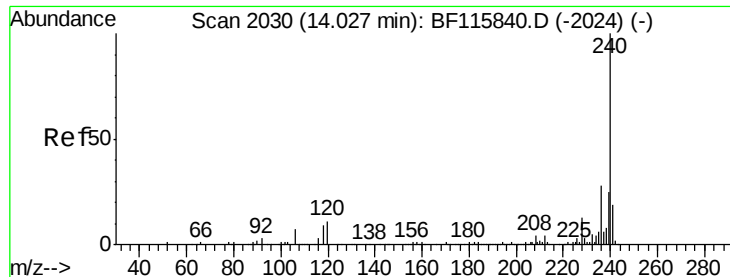


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115939.D

Acq: 2 Aug 2019 11:47

Instrument :

BNA_F

ClientSampleId :

PB121939TB

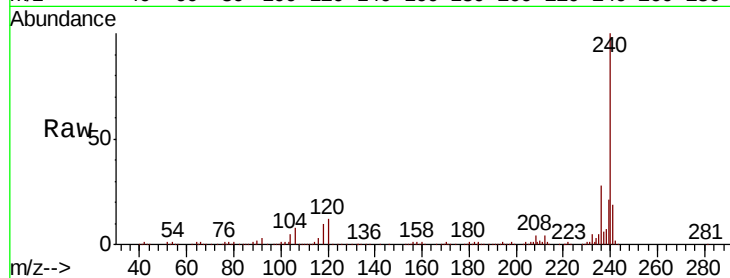
Tot Ion:240 Resp: 460988

Ion Ratio Lower Upper

240 100

120 11.5 8.5 12.7

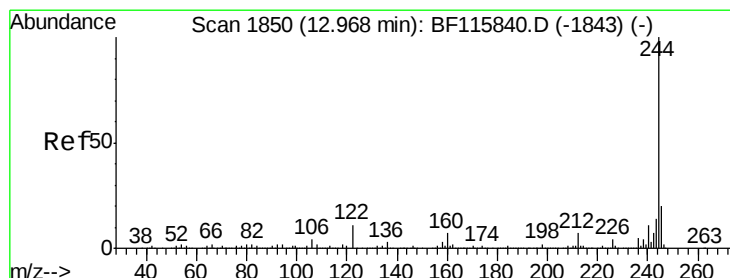
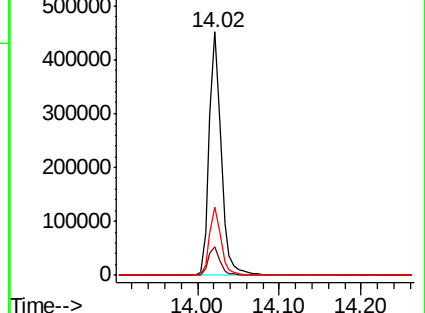
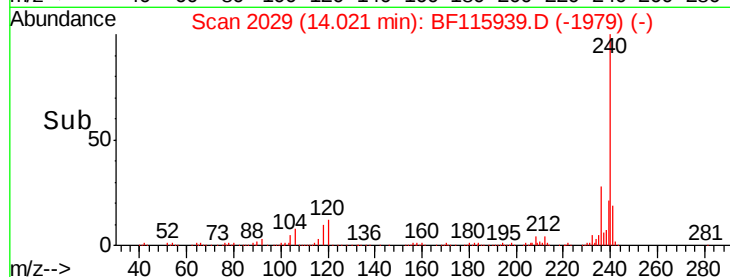
236 27.8 22.2 33.2



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: 80.385 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF115939.D

Acq: 2 Aug 2019 11:47

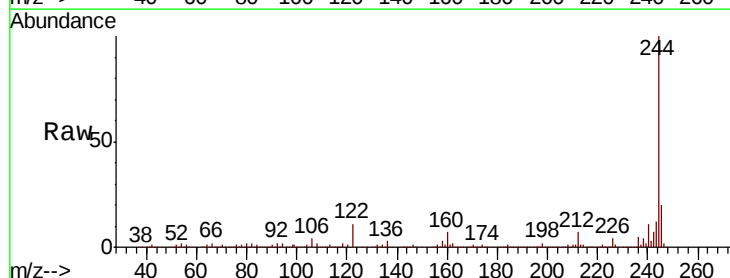
Tgt Ion:244 Resp: 1758603

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

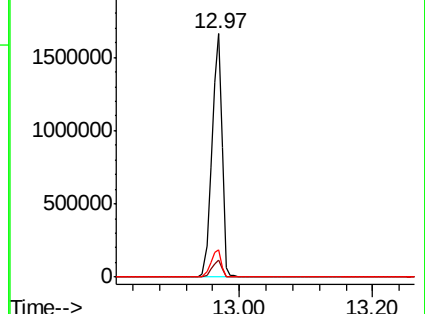
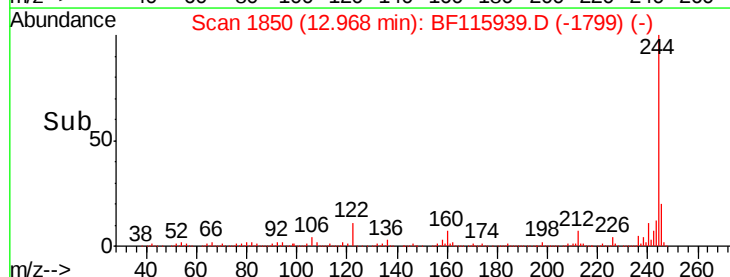
122 11.2 8.6 13.0

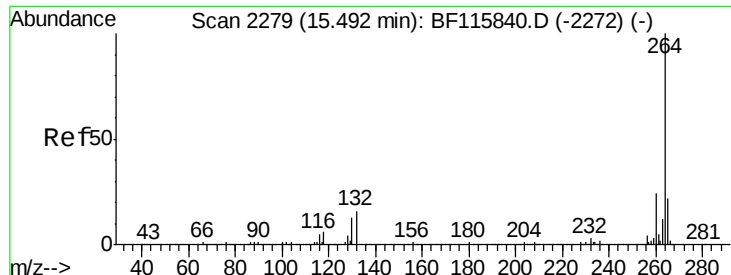


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF115939.D
 Acq: 2 Aug 2019 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB121939TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.1	17.5	26.3

