

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115938.D
 Acq On : 2 Aug 2019 11:20
 Operator : HP/JU
 Sample : PB121939BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121939BL

Quant Time: Aug 02 16:43:14 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

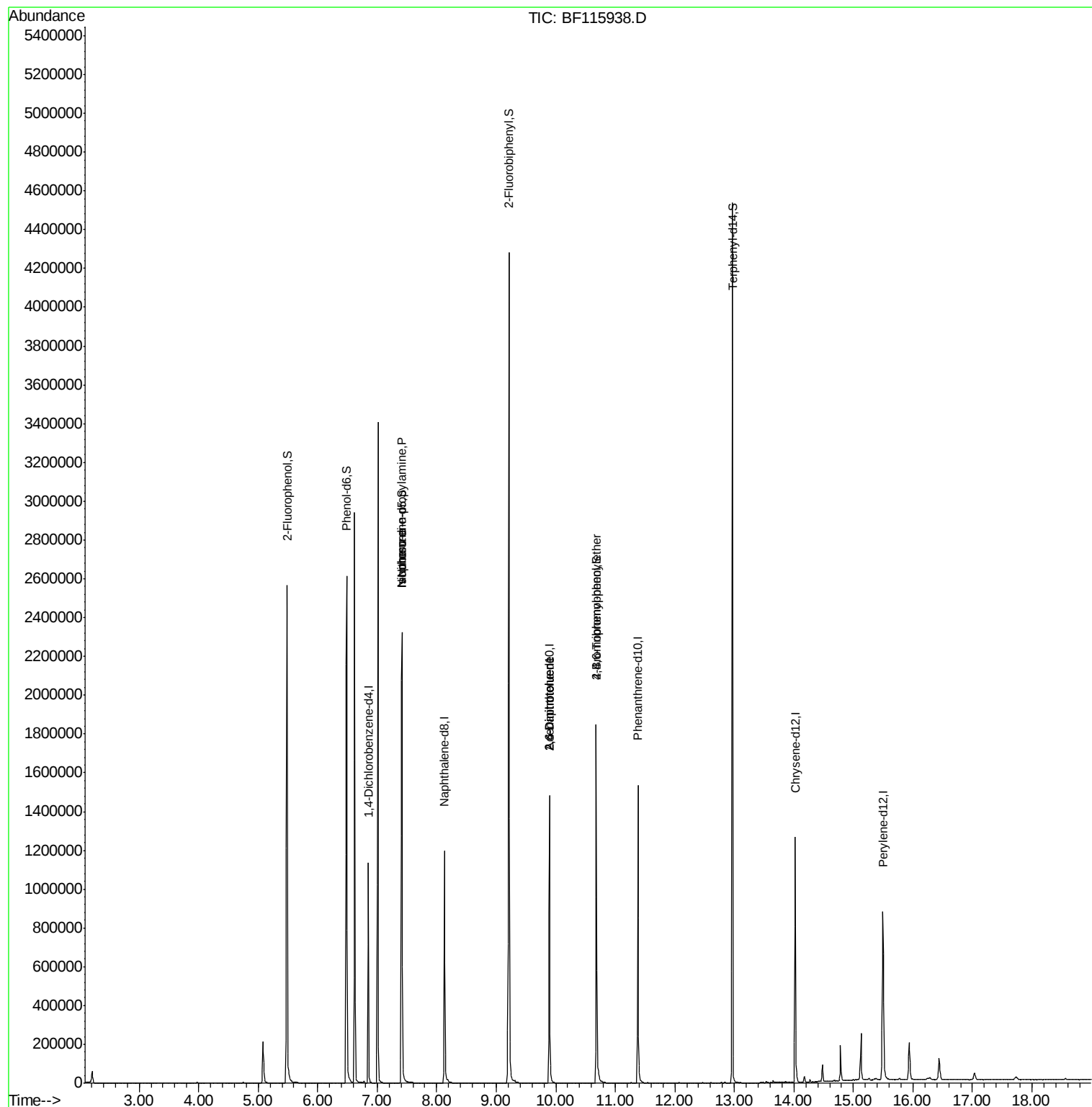
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158226	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	606414	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	326755	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	586405	20.00	ng	0.00
76) Chrysene-d12	14.02	240	450010	20.00	ng	0.00
87) Perylene-d12	15.49	264	417921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	797330	84.36	ng	0.02
7) Phenol-d6	6.49	99	985038	82.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	922073	87.77	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	276115	87.16	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1581127	90.64	ng	0.00
79) Terphenyl-d14	12.97	244	1718653	80.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	124427	16.838	ng	# 78
25) Isophorone	7.42	82	908978	45.249	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	41560	8.596	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	41561	6.456	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	17027	2.712	ng	# 1

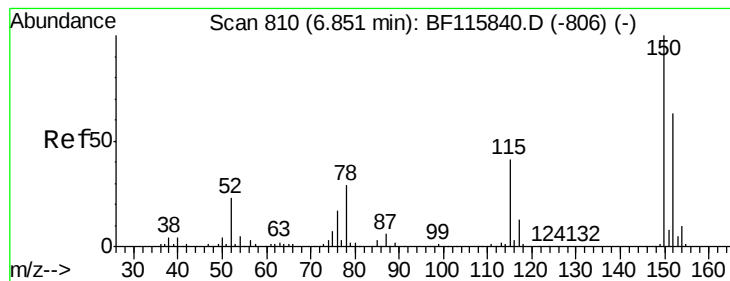
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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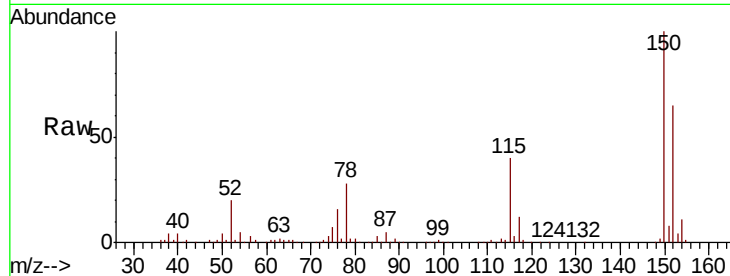




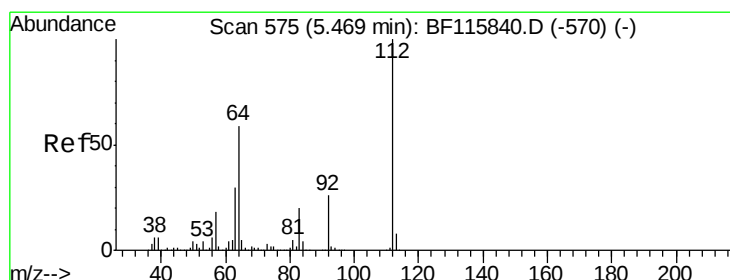
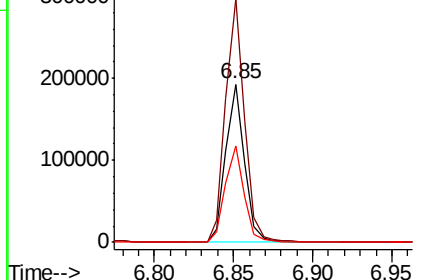
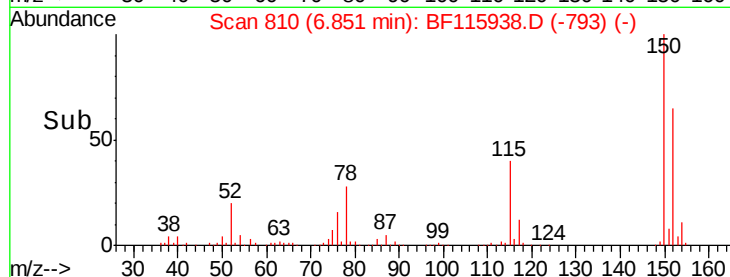
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 PB121939BL

Tot Ion:152 Resp: 158226
 Ion Ratio Lower Upper
 152 100
 150 153.7 127.4 191.0
 115 61.0 51.8 77.8

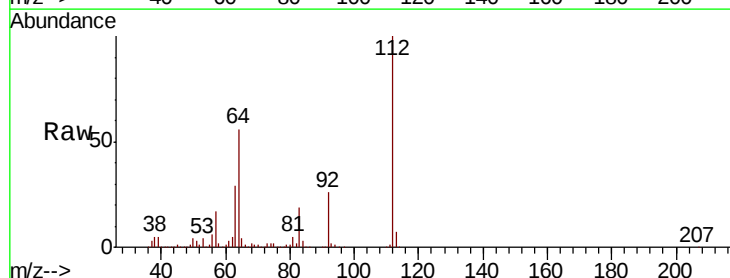


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

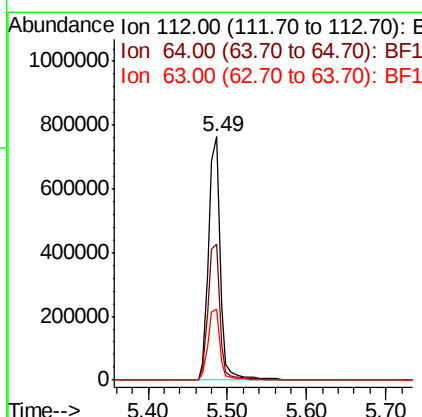
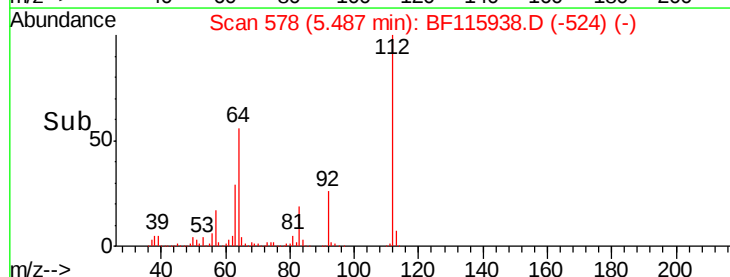


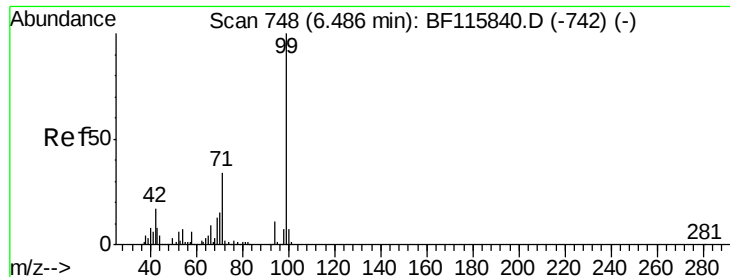
#5
 2-Fluorophenol
 Concen: 84.359 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

Tgt Ion:112 Resp: 797330
 Ion Ratio Lower Upper
 112 100
 64 56.1 46.8 70.2
 63 29.2 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: 82.604 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

Instrument :

BNA_F

ClientSampleId :

PB121939BL

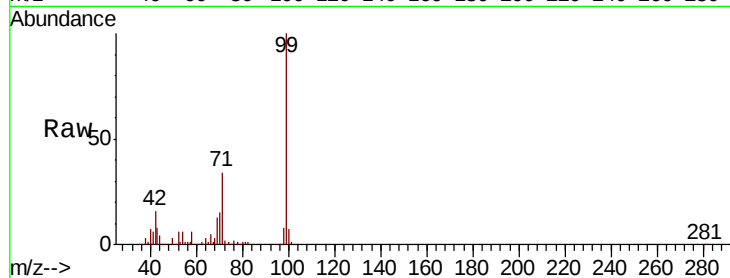
Tot Ion: 99 Resp: 985038

Ion Ratio Lower Upper

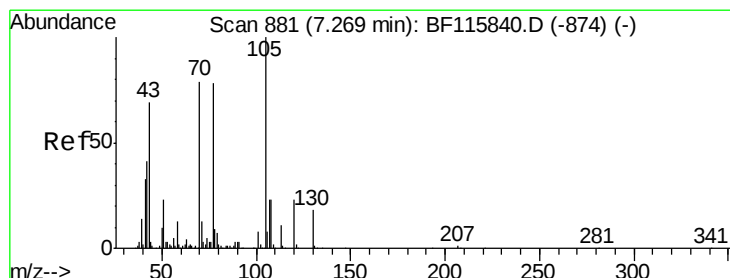
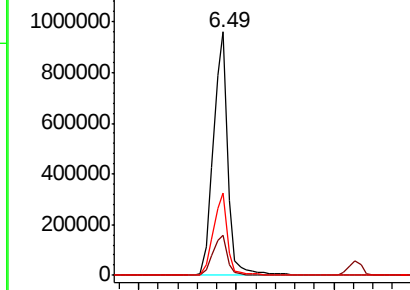
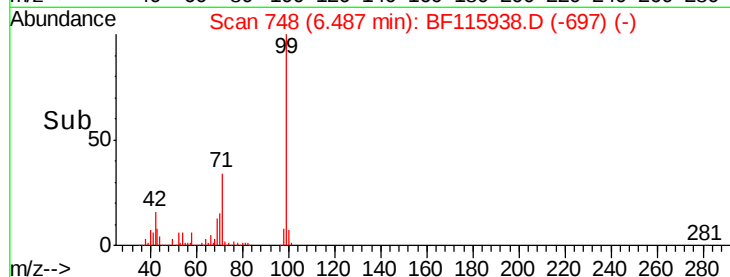
99 100

42 16.4 13.8 20.6

71 33.6 27.1 40.7



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: 16.838 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

Tgt Ion: 70 Resp: 124427

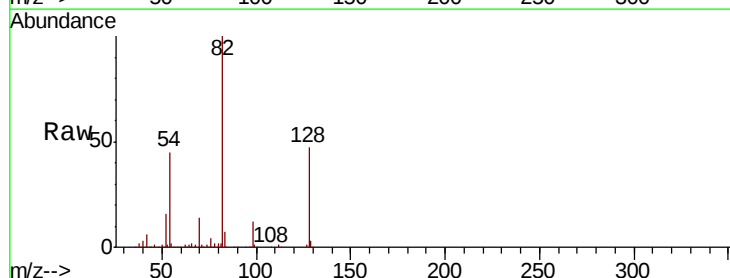
Ion Ratio Lower Upper

70 100

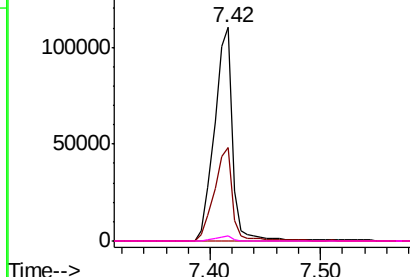
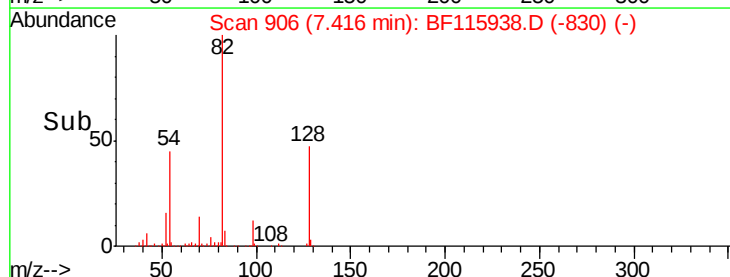
42 43.7 41.8 62.8

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#



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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

Instrument :

BNA_F

ClientSampleId :

PB121939BL

Tot Ion:136 Resp: 606414

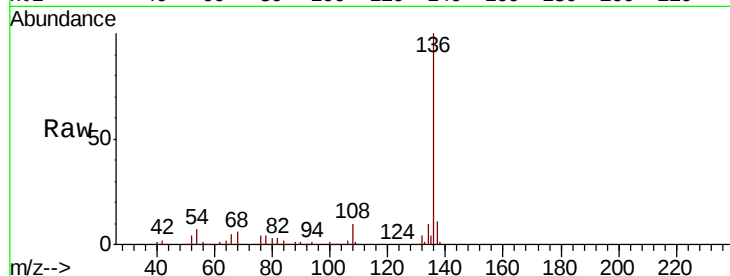
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.8 6.1 9.1

68 5.9 5.4 8.2

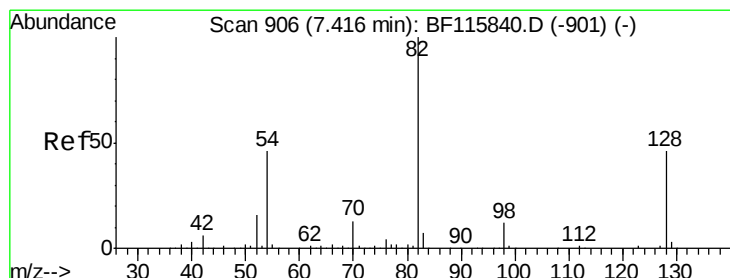
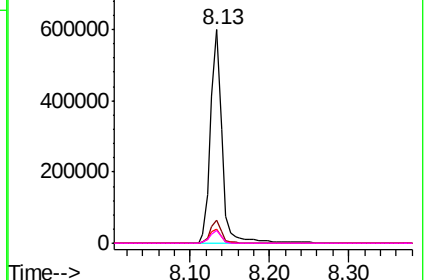
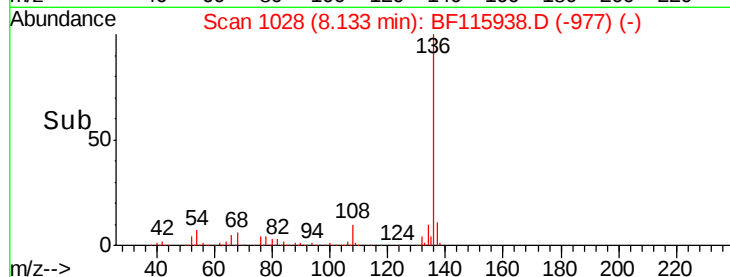


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.770 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

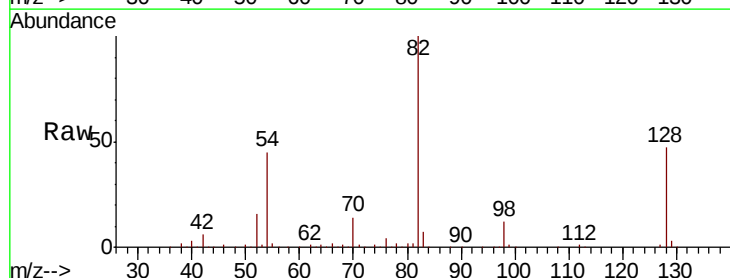
Tgt Ion: 82 Resp: 922073

Ion Ratio Lower Upper

82 100

128 47.2 36.6 55.0

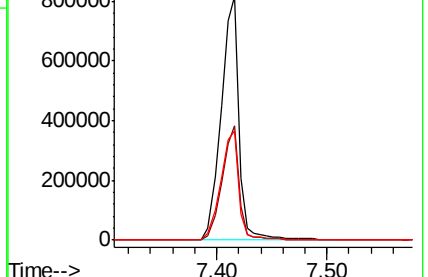
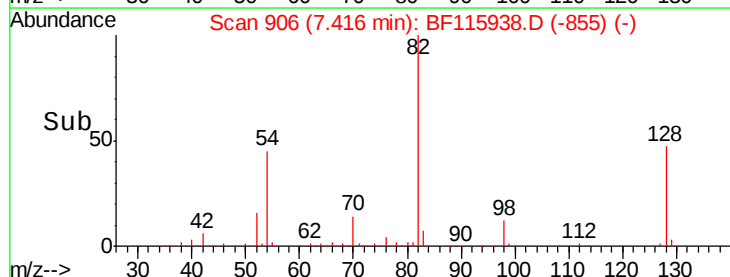
54 44.6 36.6 55.0



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: 45.249 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

Instrument :

BNA_F

ClientSampleId :

PB121939BL

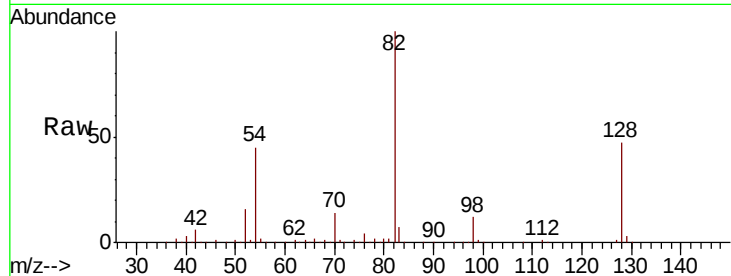
Tot Ion: 82 Resp: 908978

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

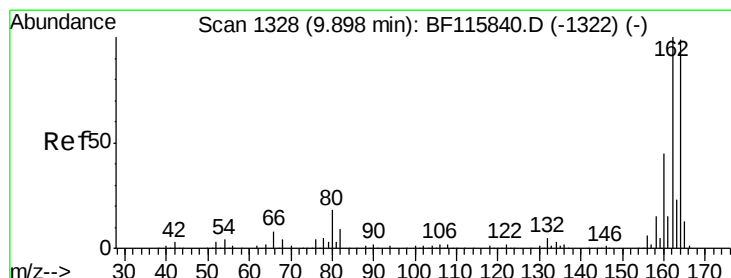
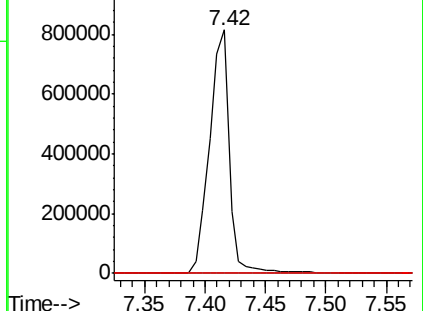
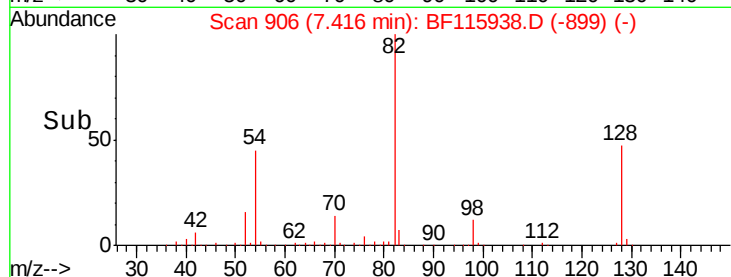
138 0.0 13.9 20.9#



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: BF115938.D

Acq: 2 Aug 2019 11:20

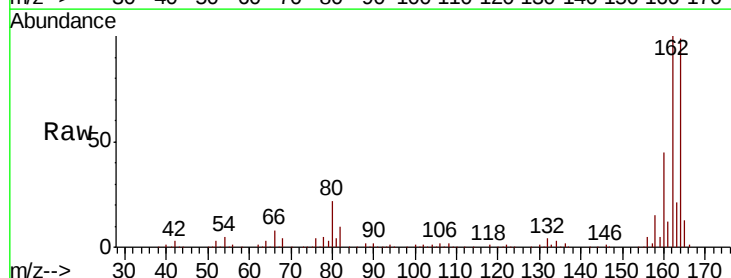
Tgt Ion: 164 Resp: 326755

Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

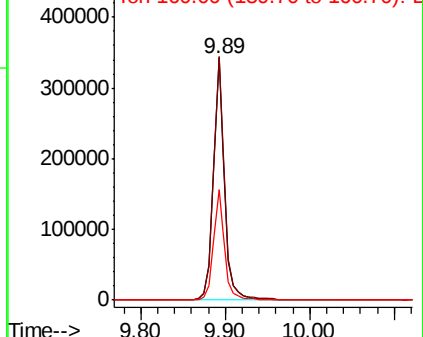
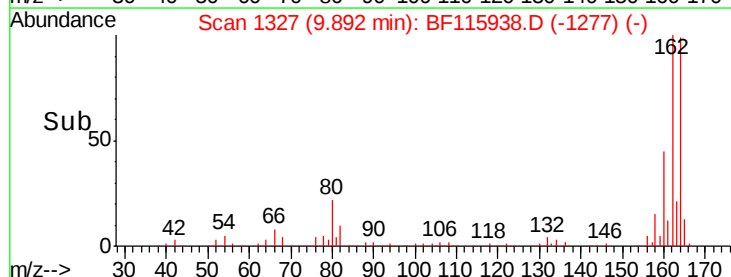
160 45.8 36.2 54.4



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

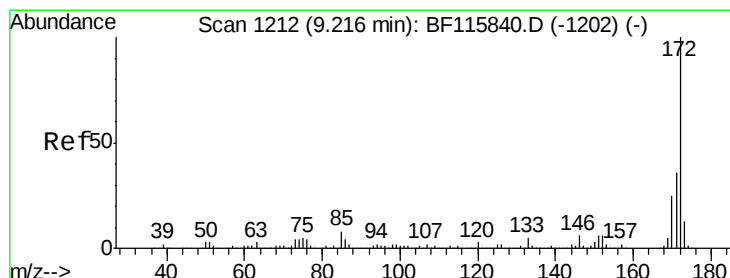
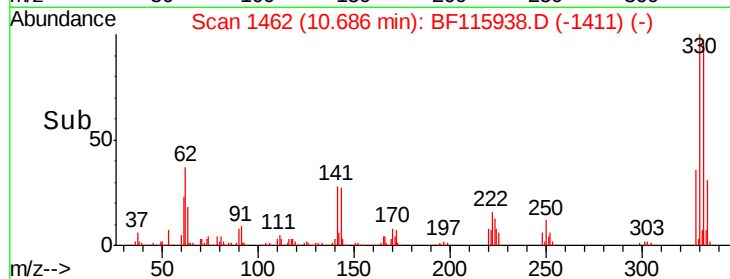
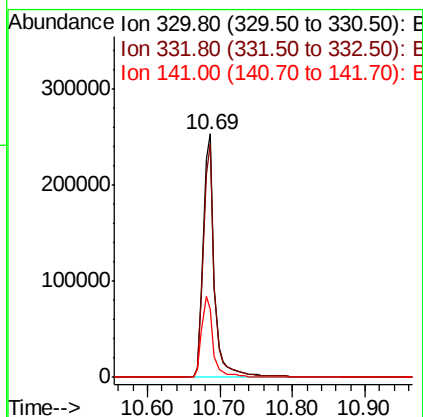
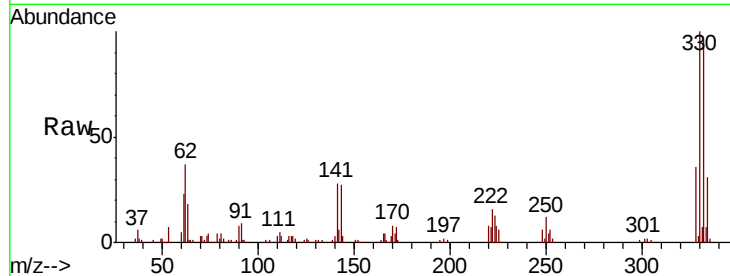




#42
 2,4,6-Tribromophenol
 Concen: 87.158 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

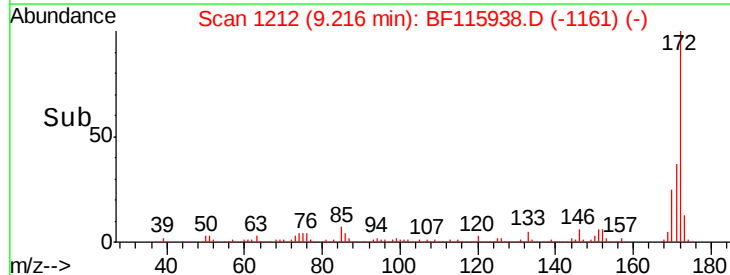
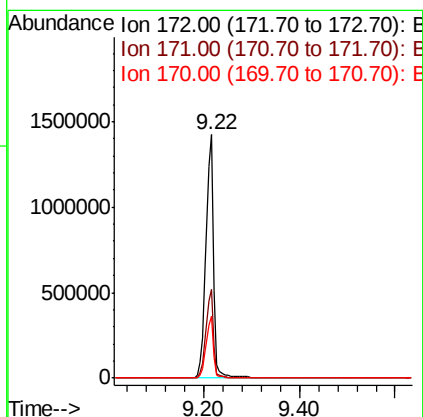
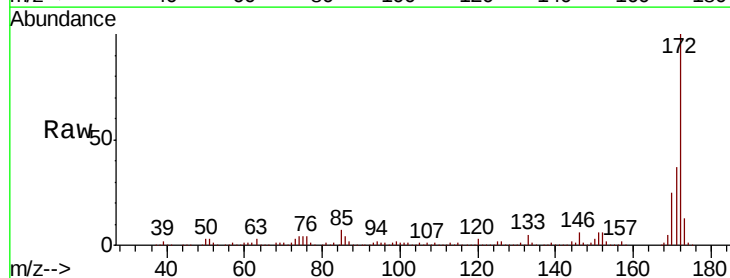
Instrument :
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 PB121939BL

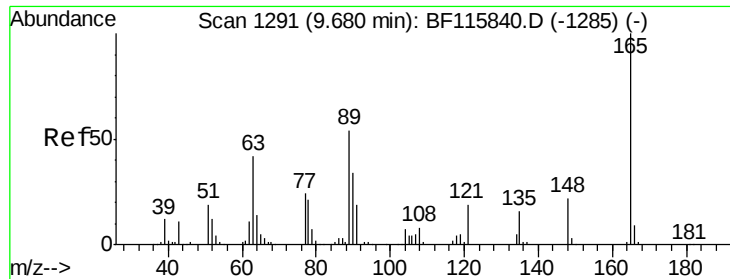
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.7	116.5
141	34.5	28.1	42.1



#45
 2-Fluorobiphenyl
 Concen: 90.636 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	25.3	20.1	30.1

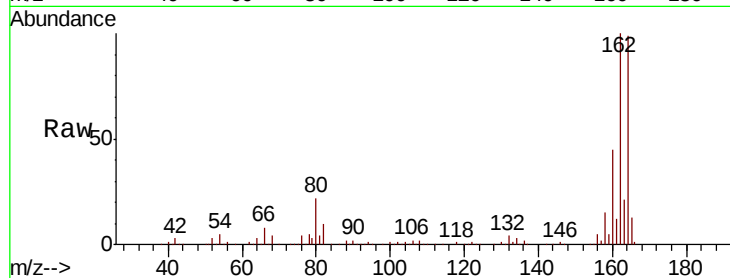




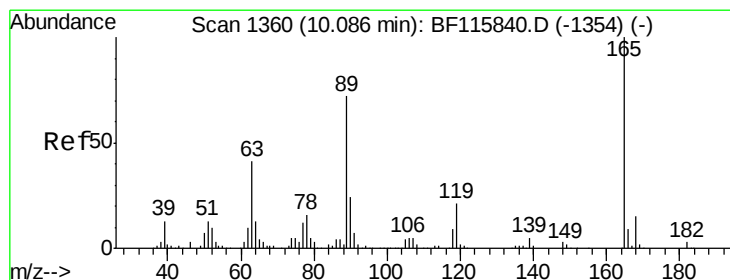
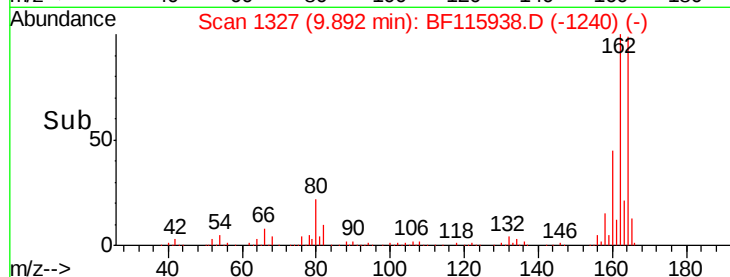
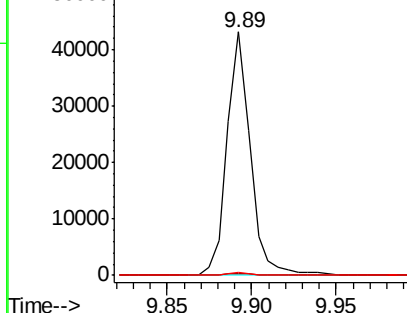
#51
 2,6-Dinitrotoluene
 Concen: 8.596 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 PB121939BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.4	59.2#
89	1.1	43.0	64.6#



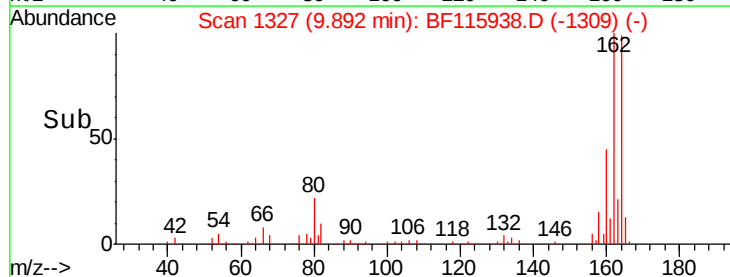
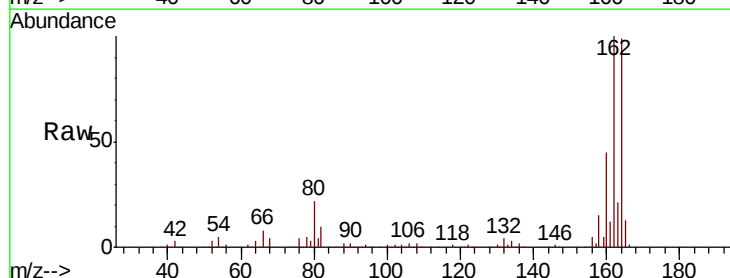
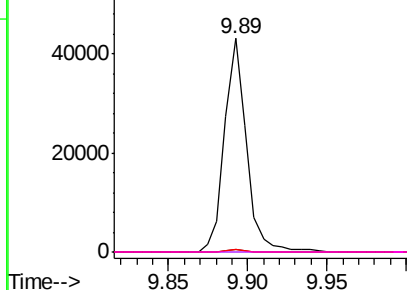
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.456 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.2	49.8#
89	1.1	57.3	85.9#
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: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

Instrument :

BNA_F

ClientSampleId :

PB121939BL

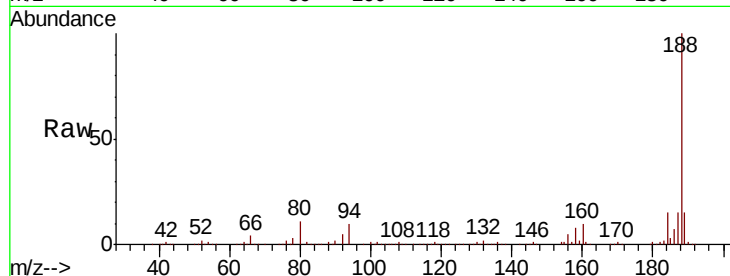
Tot Ion:188 Resp: 586405

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

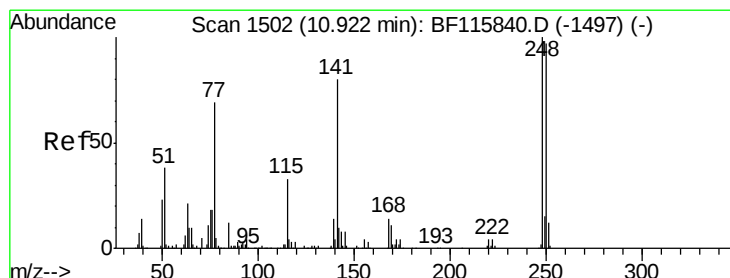
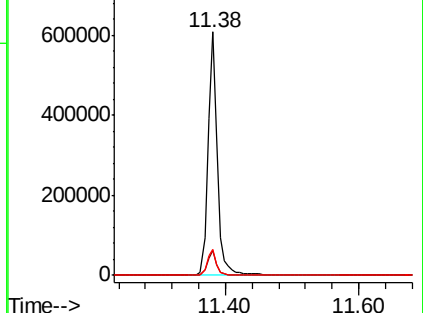
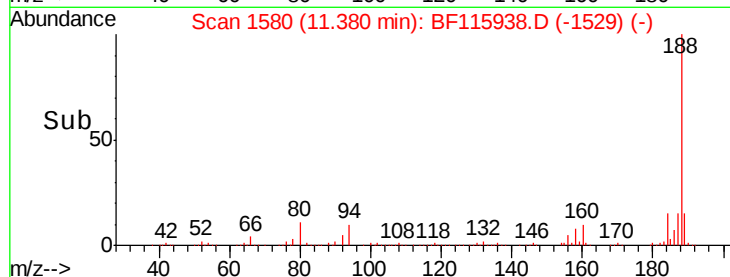
80 10.8 8.6 12.8



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: 2.712 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

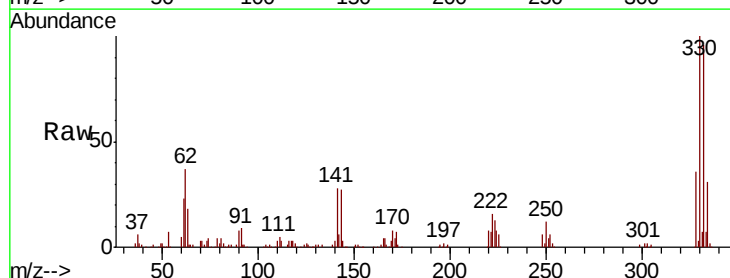
Tgt Ion:248 Resp: 17027

Ion Ratio Lower Upper

248 100

250 195.6 77.8 116.6#

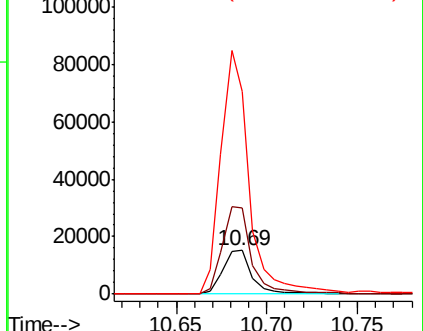
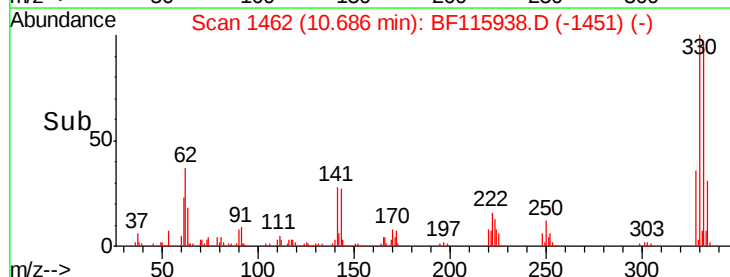
141 461.8 64.3 96.5#



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: BF115938.D

Acq: 2 Aug 2019 11:20

Instrument :

BNA_F

ClientSampleId :

PB121939BL

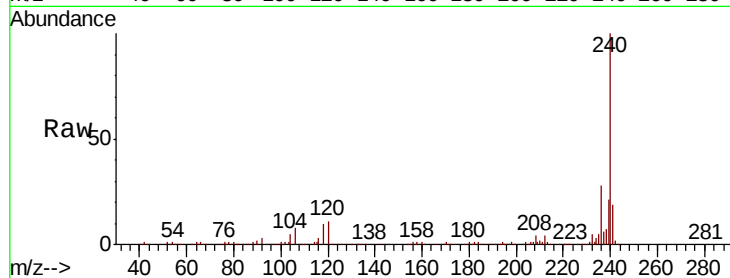
Tot Ion:240 Resp: 450010

Ion Ratio Lower Upper

240 100

120 11.5 8.5 12.7

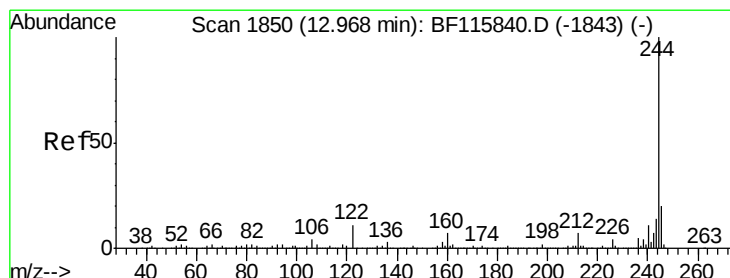
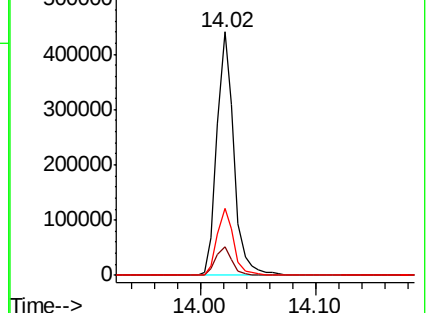
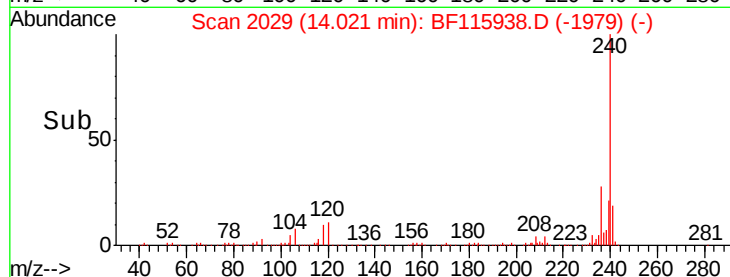
236 27.6 22.2 33.2



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: 80.476 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

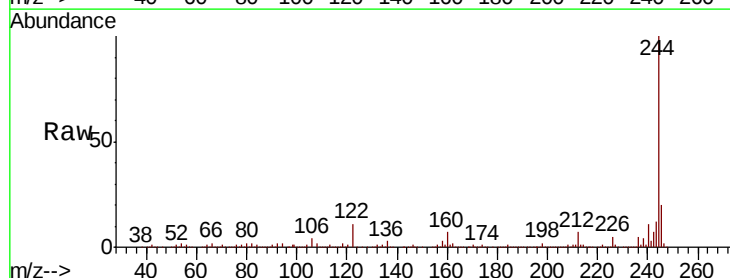
Tgt Ion:244 Resp: 1718653

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

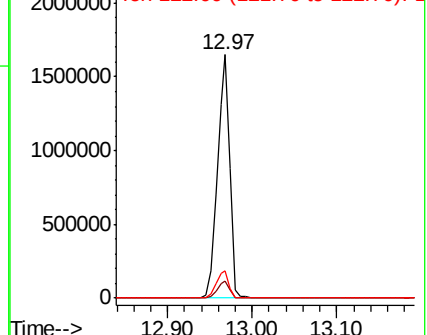
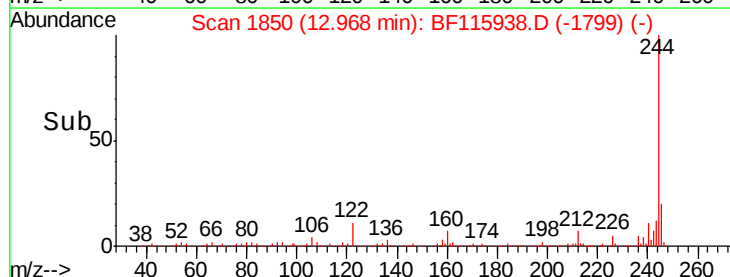
122 11.2 8.6 13.0

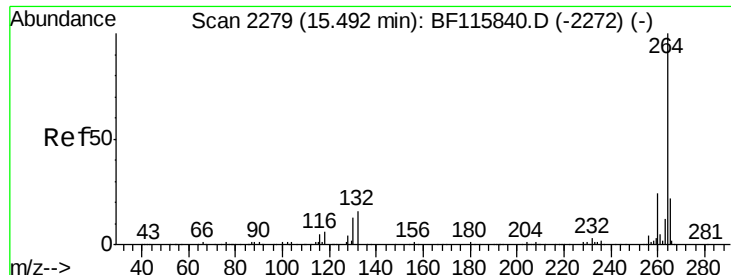


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

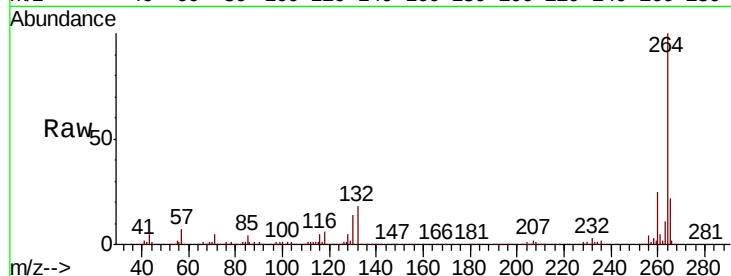




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :
 PB121939BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.9	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

