

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116138.D
 Acq On : 10 Aug 2019 3:05
 Operator : HP/JU
 Sample : K3613-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 06:53:20 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

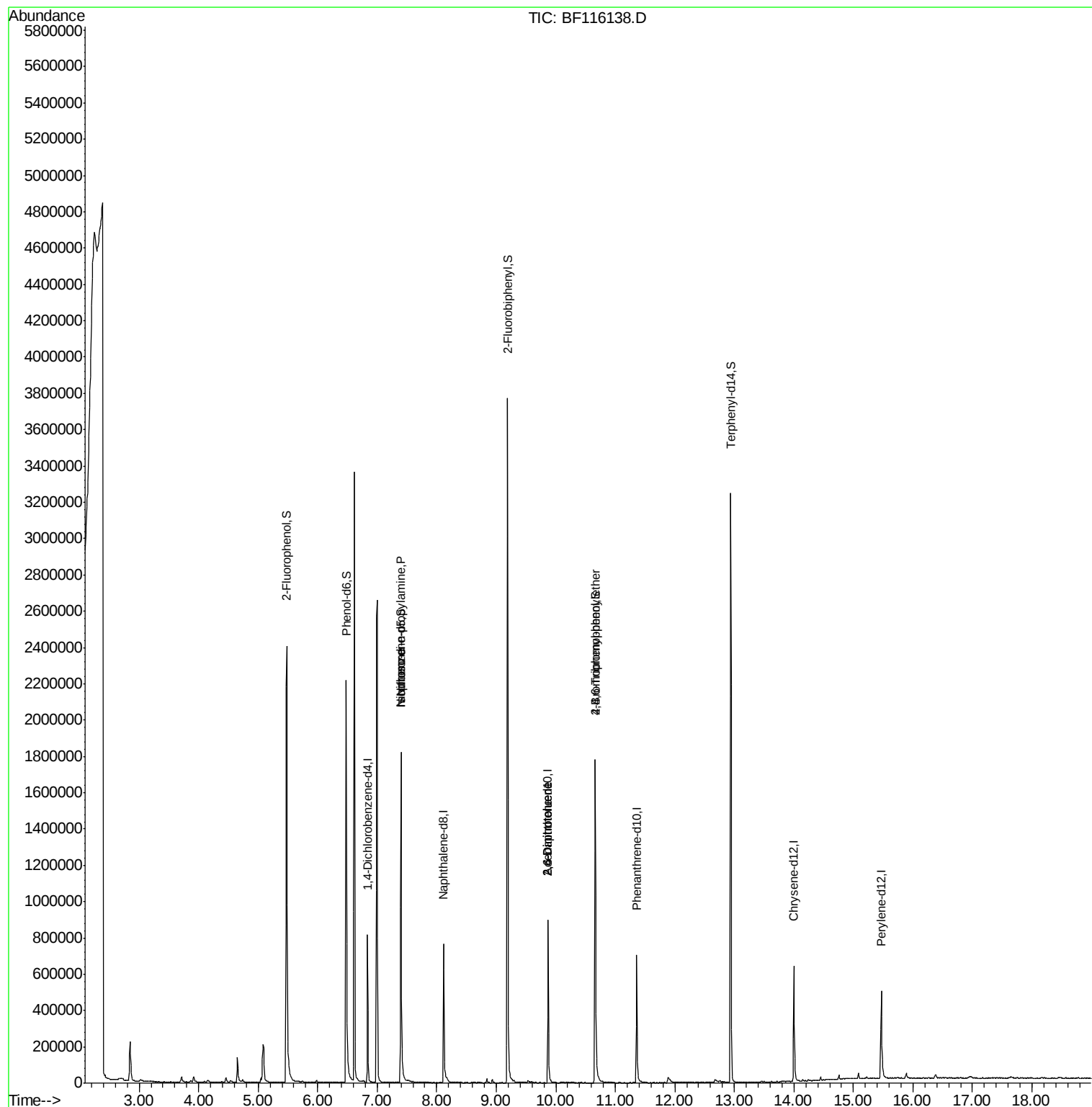
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	116944	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	431328	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	209161	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	314181	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	261848	20.00	ng	0.00
87) Perylene-d12	15.47	264	276567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	828428	118.59	ng	0.01
7) Phenol-d6	6.48	99	962940	109.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	740382	99.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	259736	128.08	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1279024	114.54	ng	-0.01
79) Terphenyl-d14	12.94	244	1132611	91.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	98076	17.957	ng	# 80
25) Isophorone	7.40	82	740378	51.817	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	26361	8.517	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	26361	6.397	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	15869	4.718	ng	# 1

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

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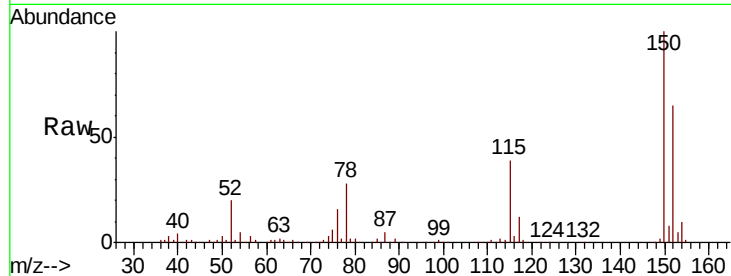


#1

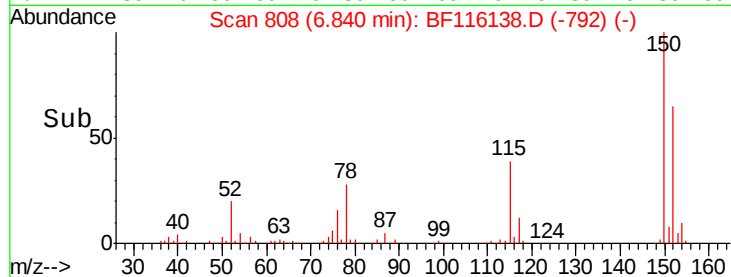
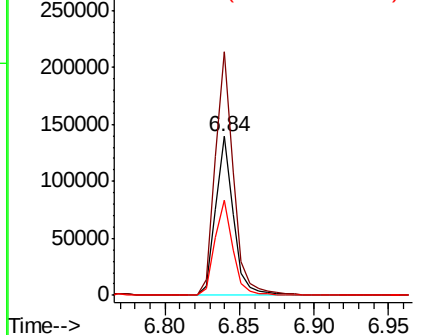
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	60.3	49.9	74.9



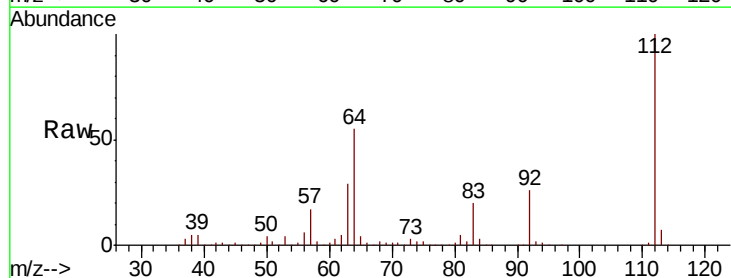
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



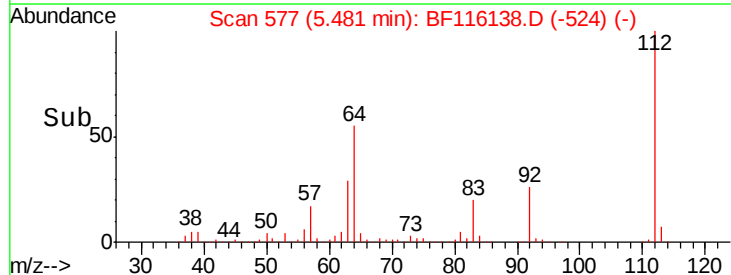
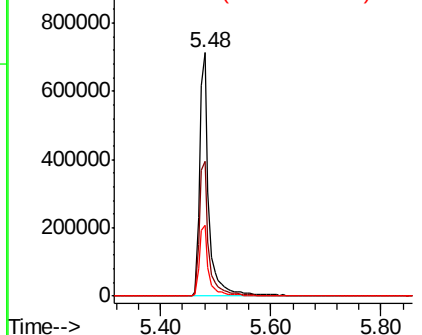
#5

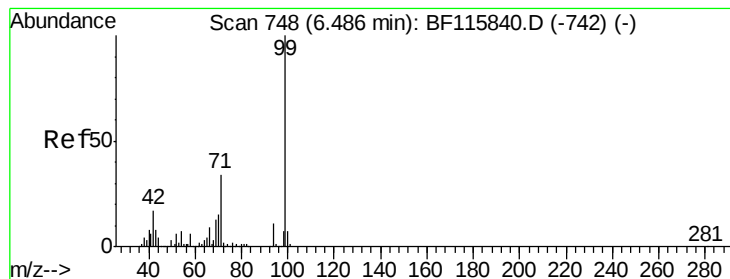
2-Fluorophenol
 Concen: 118.590 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.4	68.2
63	29.0	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: 109.256 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

Instrument :

BNA_F

ClientSampled :

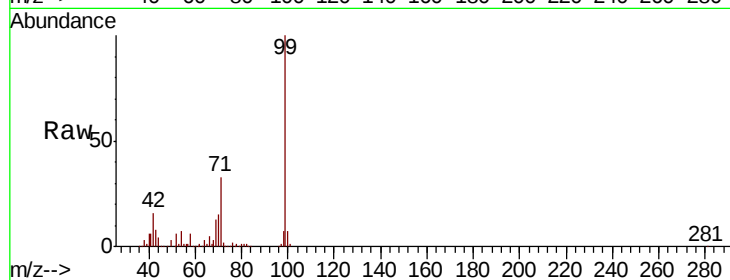
Tot Ion: 99 Resp: 962940

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.8

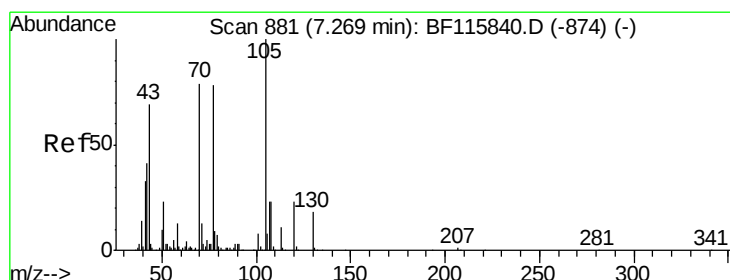
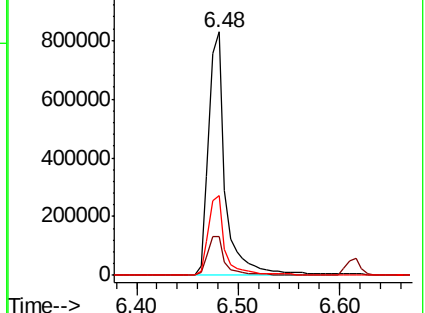
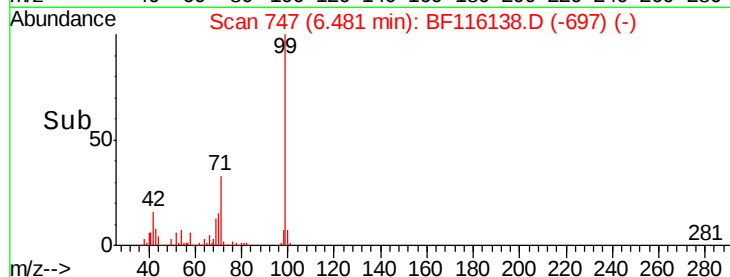
71 32.5 27.3 40.9



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: 17.957 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

Tgt Ion: 70 Resp: 98076

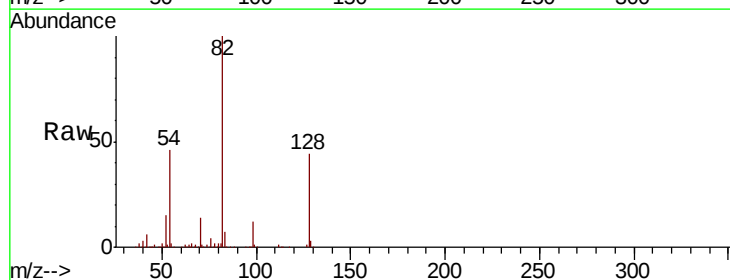
Ion Ratio Lower Upper

70 100

42 44.0 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

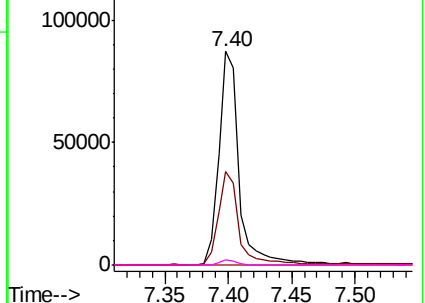
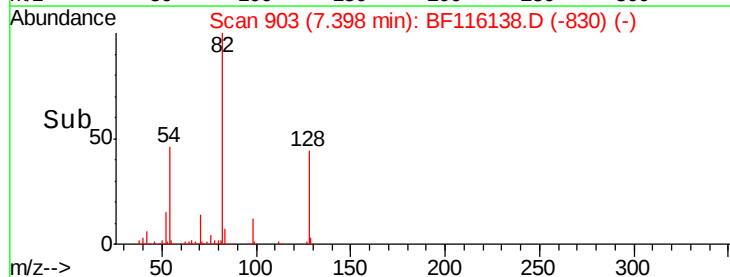


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

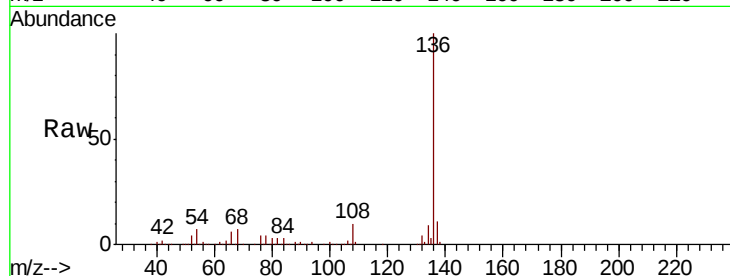




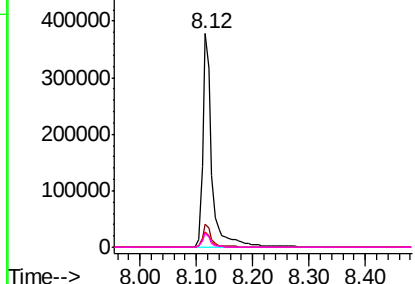
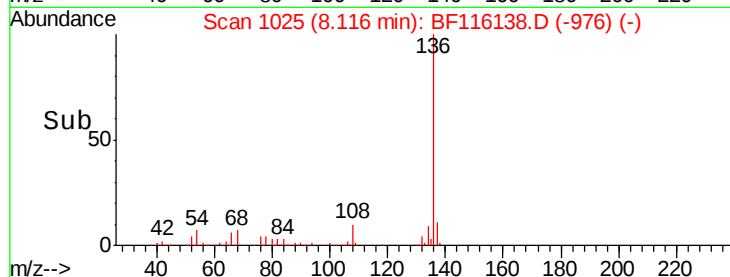
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116138.D
Acq: 10 Aug 2019 3:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	431328
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	7.4	5.8 8.6
68	6.5	5.2 7.8

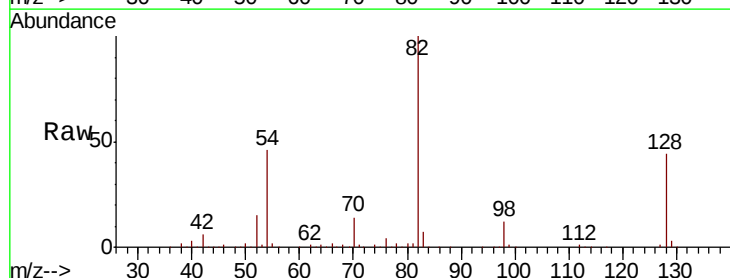


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

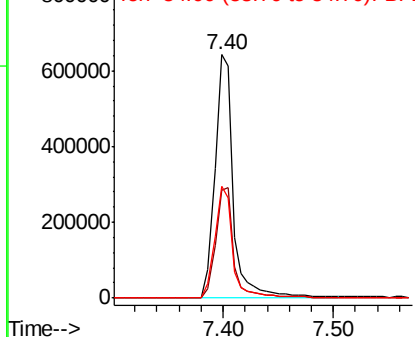
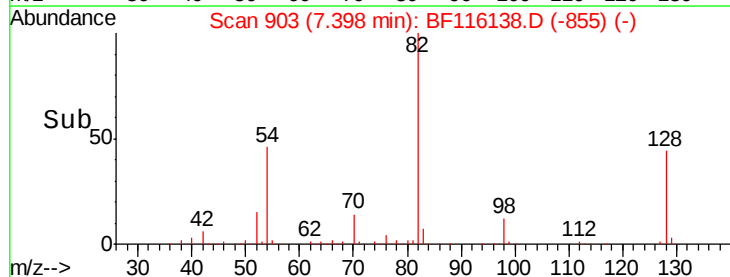


#23
Nitrobenzene-d5
Concen: 99.083 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116138.D
Acq: 10 Aug 2019 3:05

Tgt Ion: 82	Resp:	740382
Ion Ratio	Lower	Upper
82	100	
128	44.4	36.5 54.7
54	45.8	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: 51.817 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

Instrument :

BNA_F

ClientSampleId :

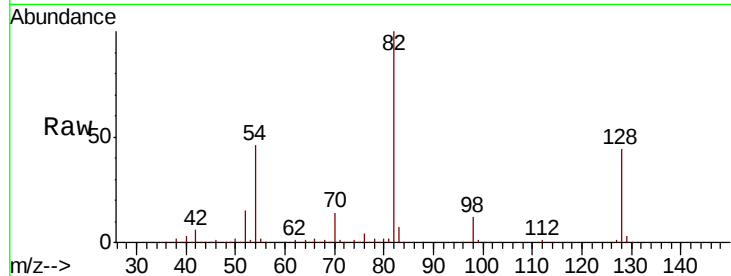
Tot Ion: 82 Resp: 740378

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

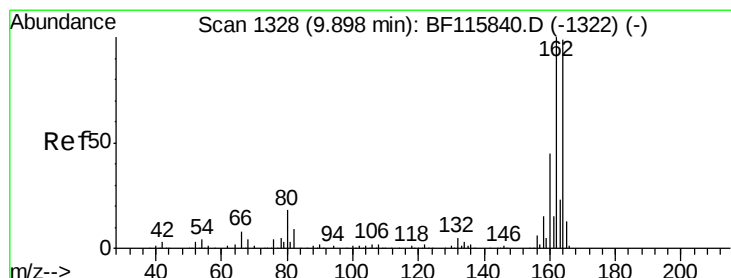
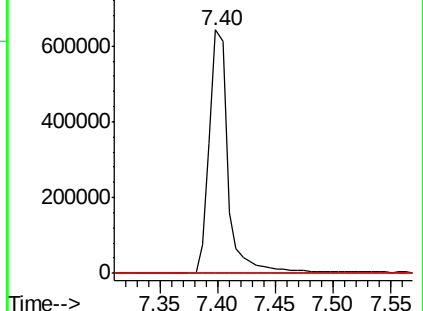
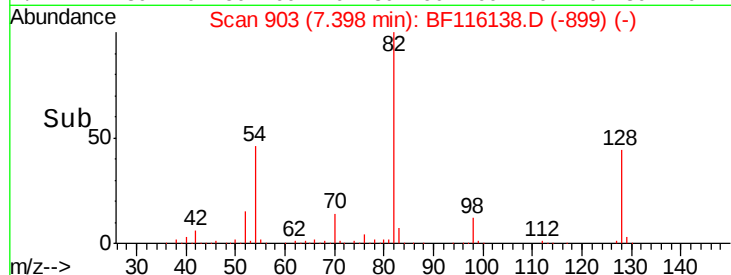
138 0.0 14.5 21.7#



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: BF116138.D

Acq: 10 Aug 2019 3:05

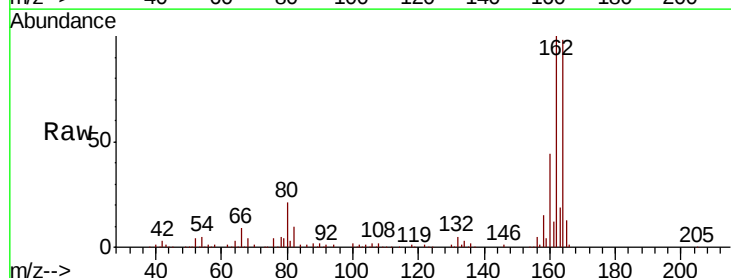
Tgt Ion:164 Resp: 209161

Ion Ratio Lower Upper

164 100

162 102.1 82.6 124.0

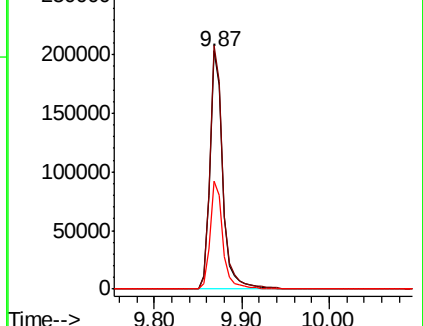
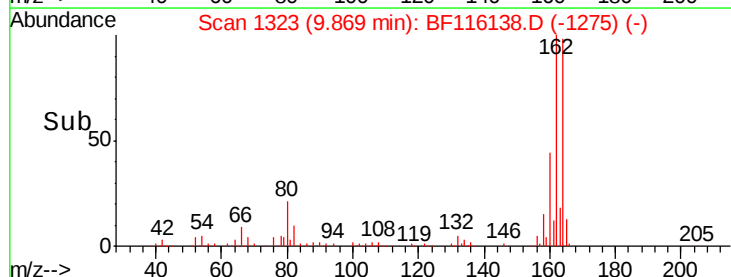
160 45.2 37.6 56.4



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

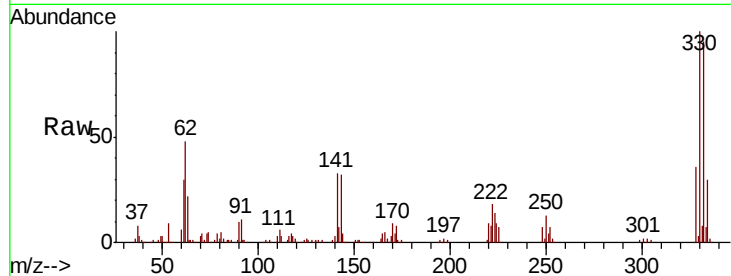




#42
 2,4,6-Tribromophenol
 Concen: 128.083 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	34.2	26.3	39.5

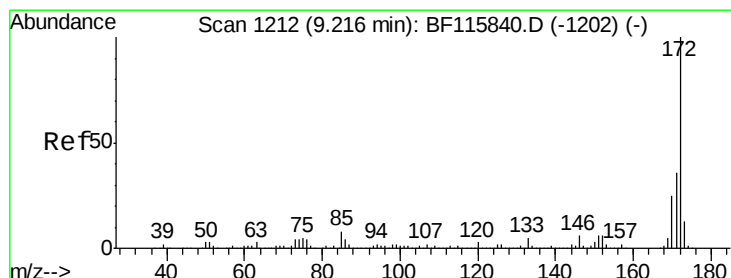
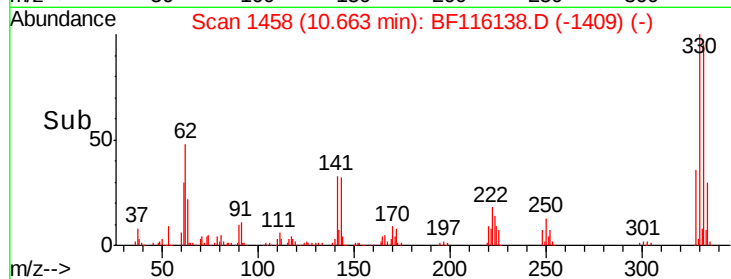
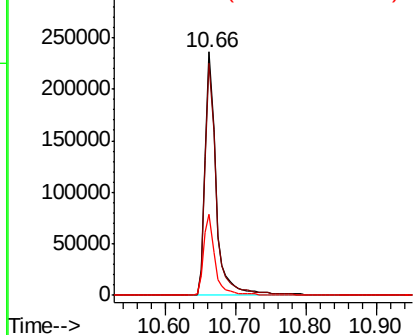


Abundance

Ion 329.80 (329.50 to 330.50): E

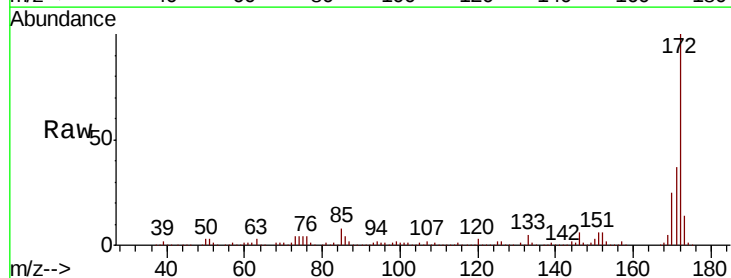
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 114.539 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.5	20.1	30.1

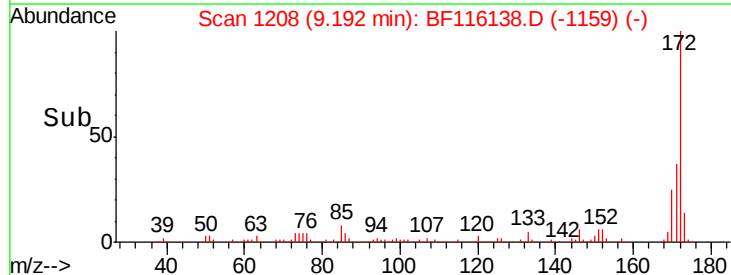
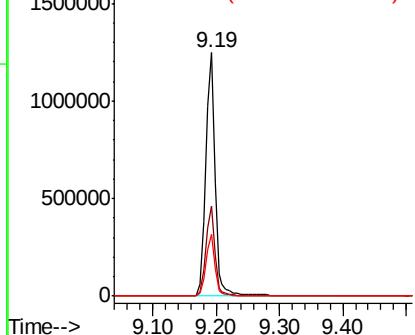


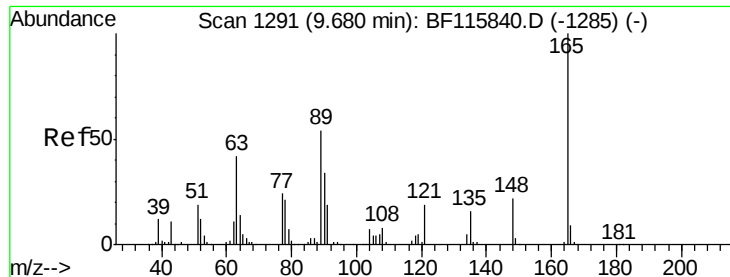
Abundance

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

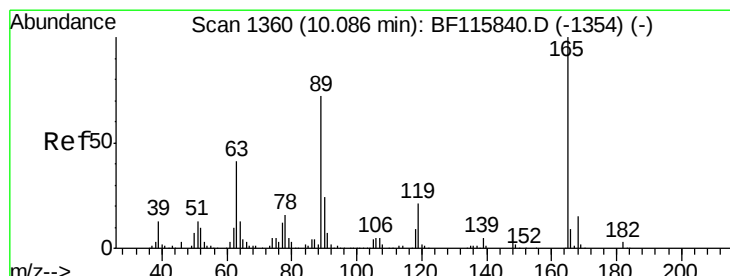
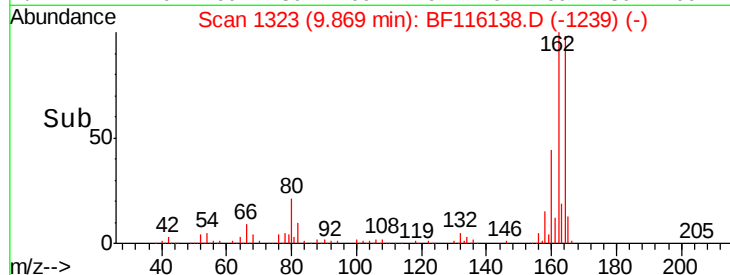
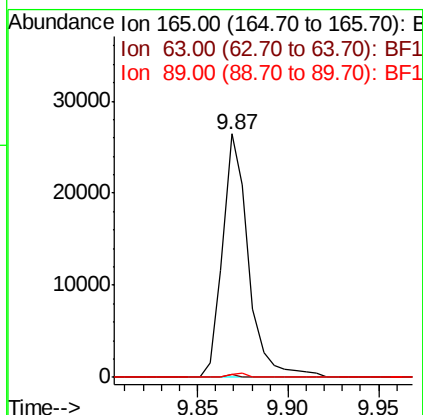
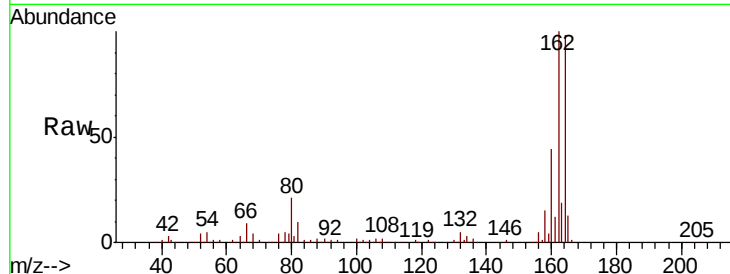




#51
 2,6-Dinitrotoluene
 Concen: 8.517 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

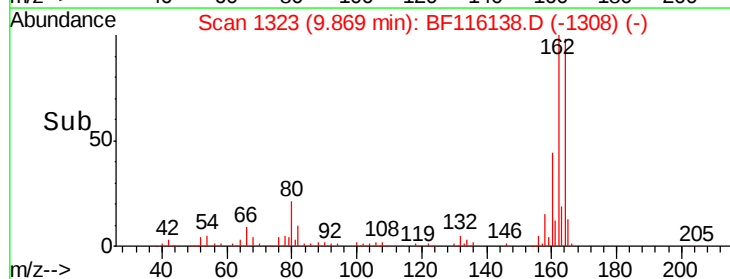
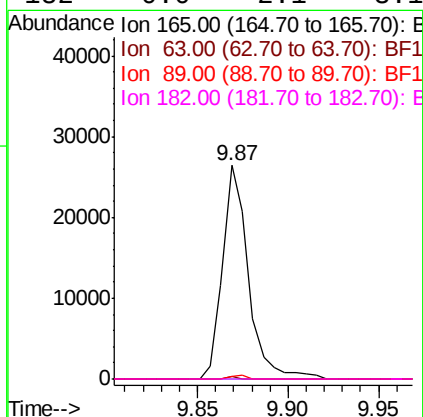
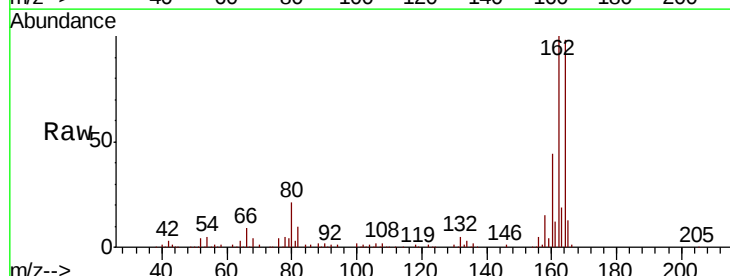
Instrument :
 BNA_F
 ClientSampleId :

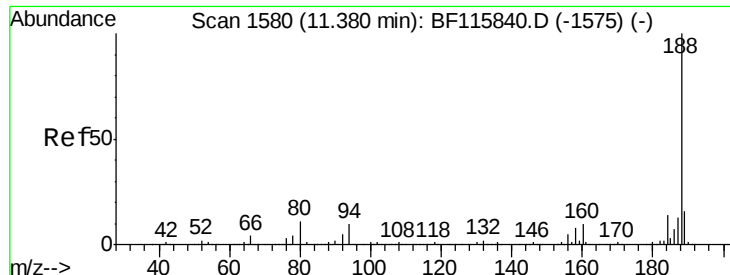
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.2	57.2#
89	1.5	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.397 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	39.6	59.4#
89	1.5	62.2	93.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

Instrument :

BNA_F

ClientSampleId :

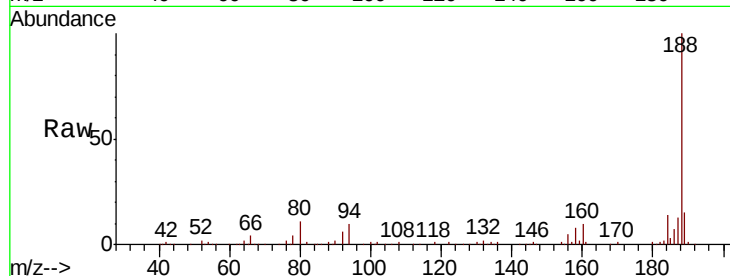
Tot Ion:188 Resp: 314181

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

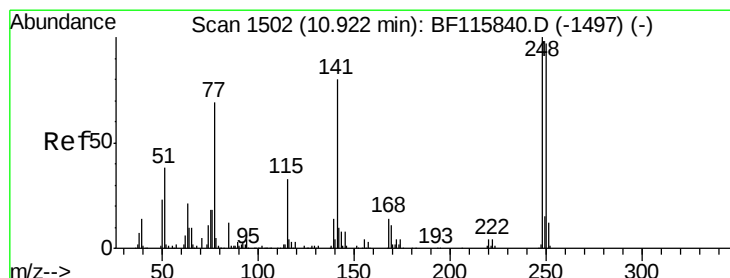
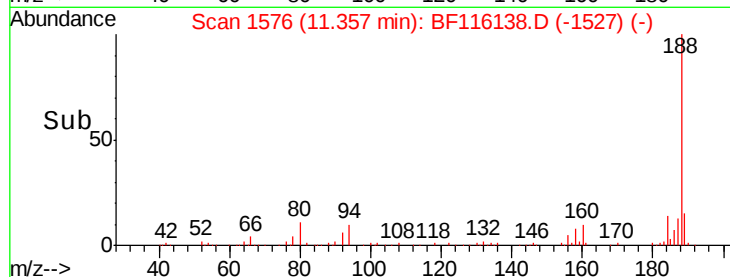
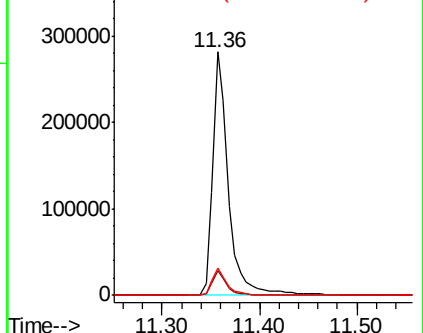
80 11.0 8.7 13.1



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: 4.718 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116138.D

Acq: 10 Aug 2019 3:05

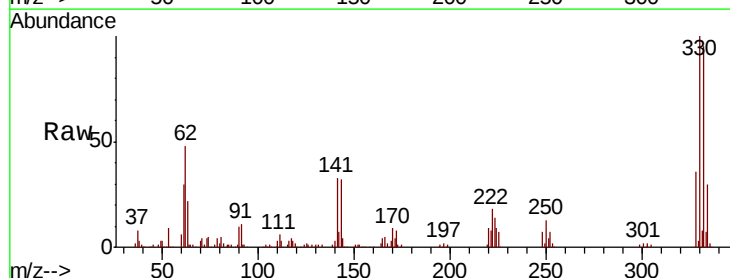
Tgt Ion:248 Resp: 15869

Ion Ratio Lower Upper

248 100

250 191.3 77.4 116.2#

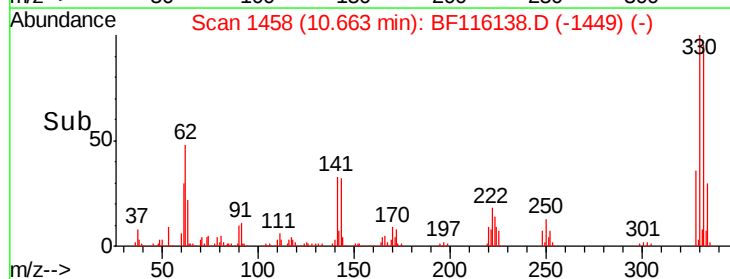
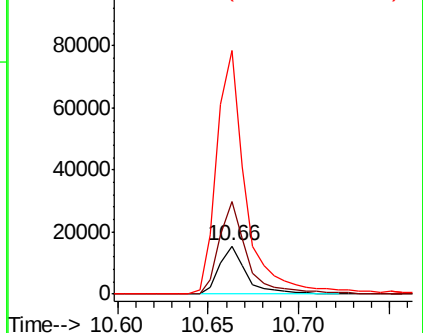
141 503.8 56.8 85.2#

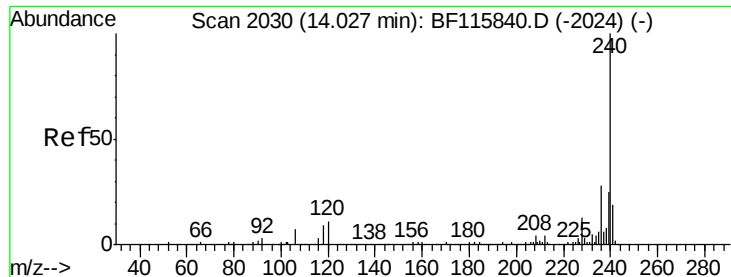


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

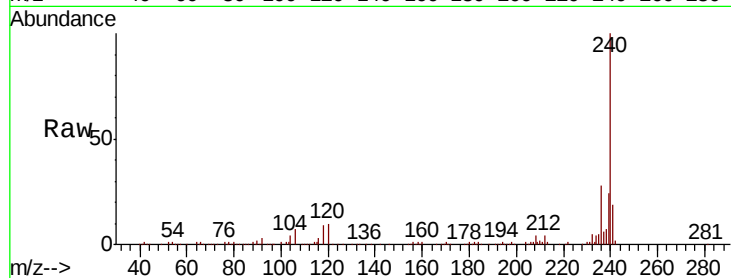




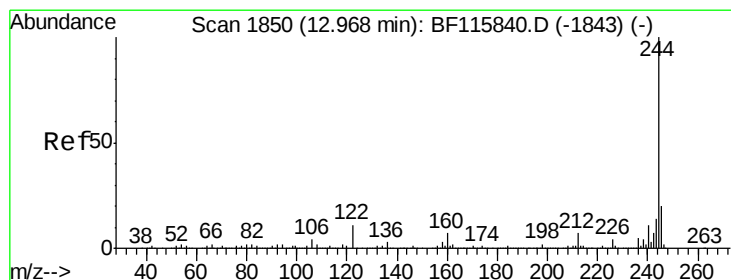
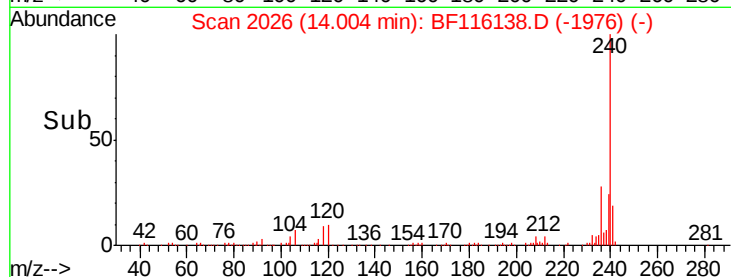
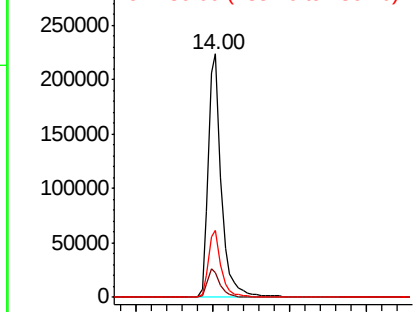
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 261848
 Ion Ratio Lower Upper
 240 100
 120 10.3 10.7 16.1#
 236 27.7 22.2 33.2

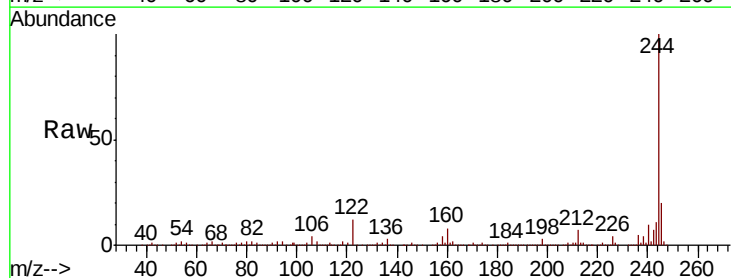


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

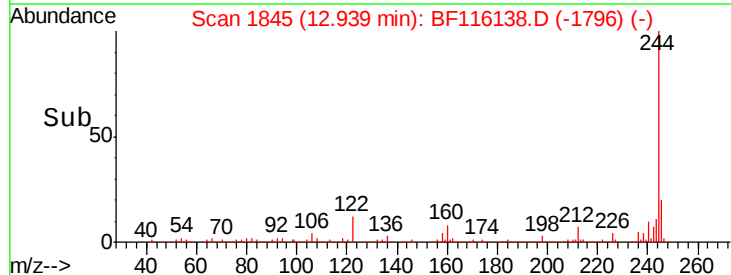
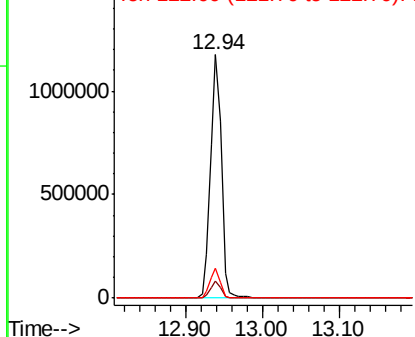


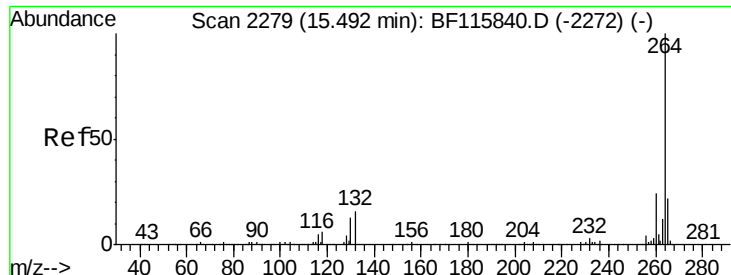
#79
 Terphenyl-d14
 Concen: 91.144 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

Tgt Ion:244 Resp: 1132611
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.0 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

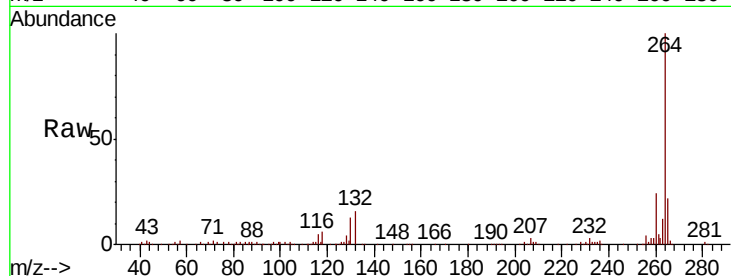




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116138.D
 Acq: 10 Aug 2019 3:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.8	17.4	26.0



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

