

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118364.D
 Acq On : 28 Dec 2019 14:37
 Operator : JU
 Sample : PB125749BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 07:02:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

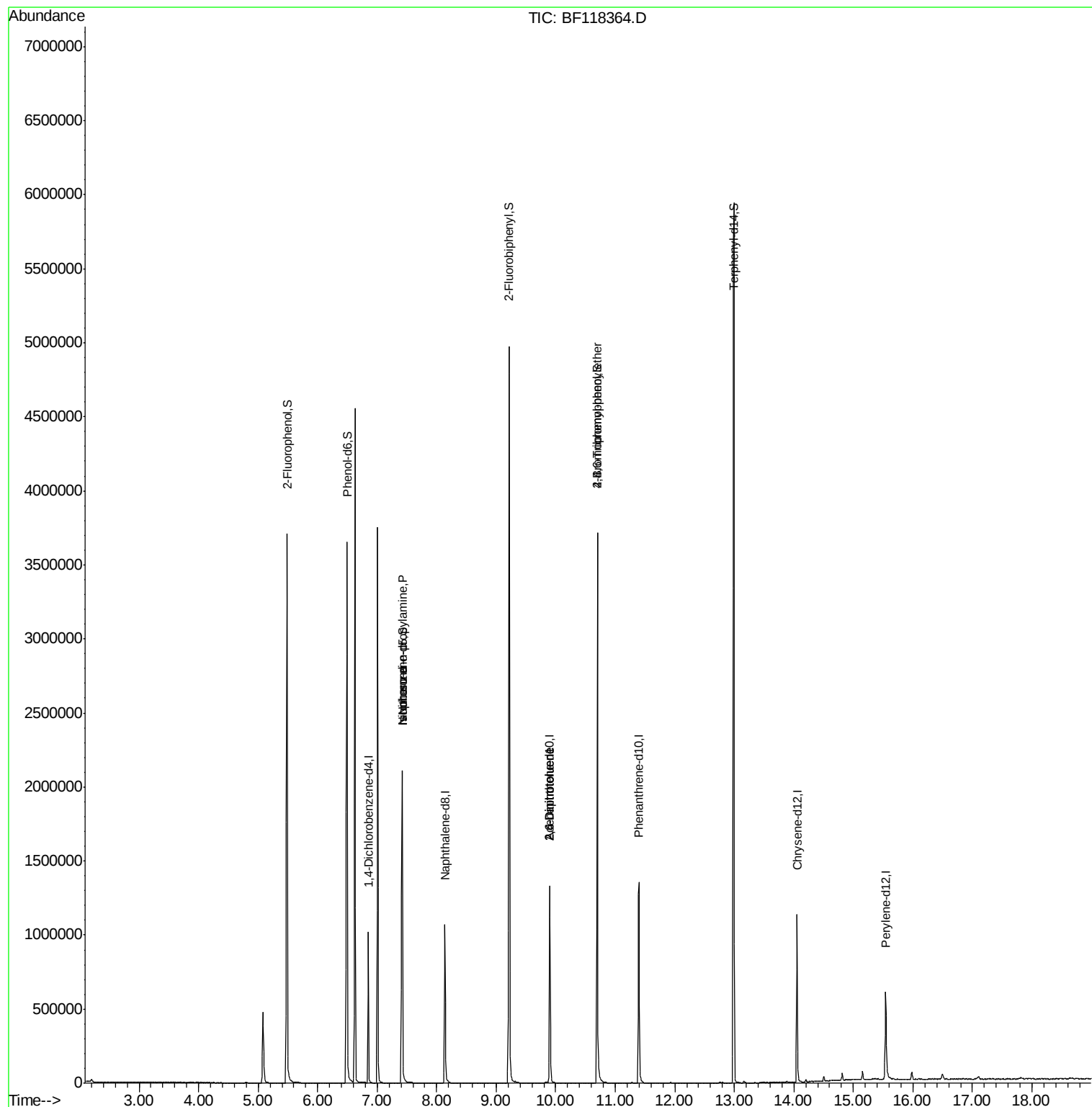
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	148332	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	583880	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	316627	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	606635	20.00	ng	0.00
76) Chrysene-d12	14.05	240	392749	20.00	ng	0.00
87) Perylene-d12	15.54	264	318198	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1154565	132.87	ng	0.02
7) Phenol-d6	6.49	99	1441308	133.70	ng	0.00
23) Nitrobenzene-d5	7.42	82	881235	86.32	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	502374	128.48	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1854107	89.39	ng	0.00
79) Terphenyl-d14	12.99	244	2271194	95.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	118178	17.796	ng	# 78
25) Isophorone	7.42	82	866129	48.682	ng	# 62
51) 2,6-Dinitrotoluene	9.90	165	40257	7.857	ng	# 26
57) 2,4-Dinitrotoluene	9.90	165	40257	5.880	ng	# 29
67) 4-Bromophenyl-phenylether	10.70	248	31673	4.461	ng	# 1

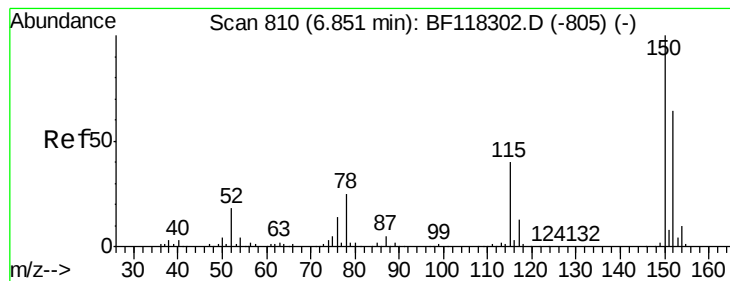
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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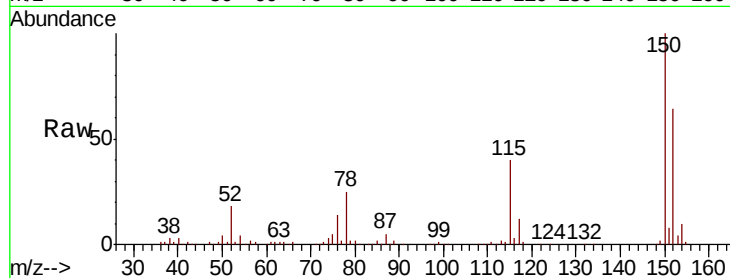


#1

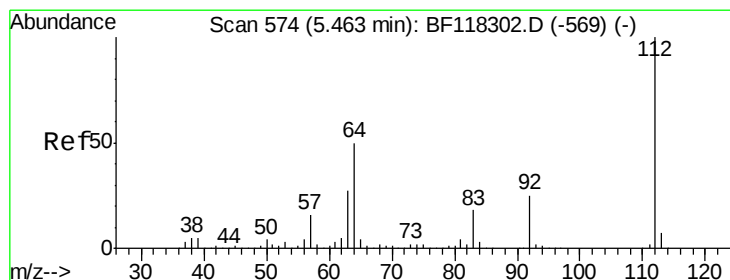
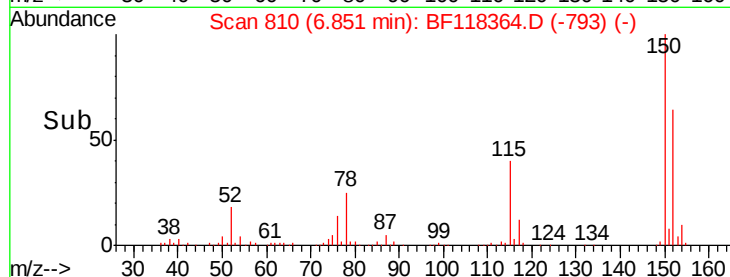
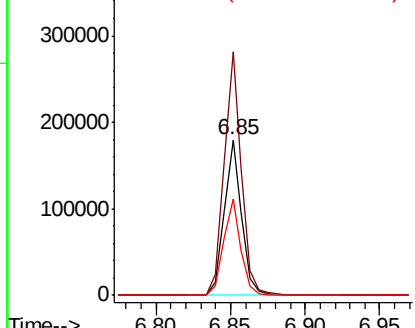
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118364.D
Acq: 28 Dec 2019 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148332
Ion Ratio Lower Upper
152 100
150 156.3 125.4 188.2
115 62.2 50.2 75.4



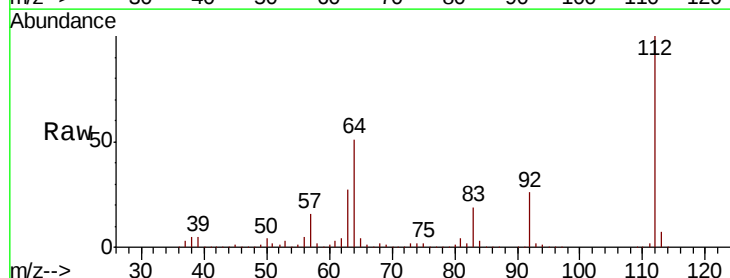
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



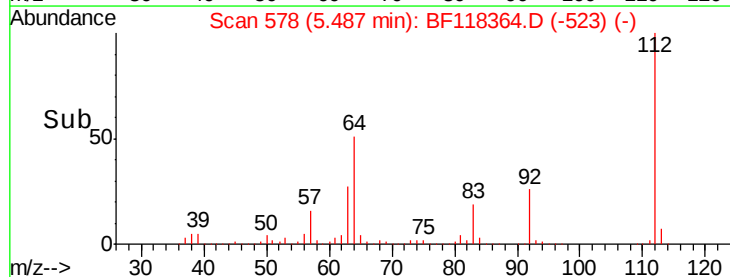
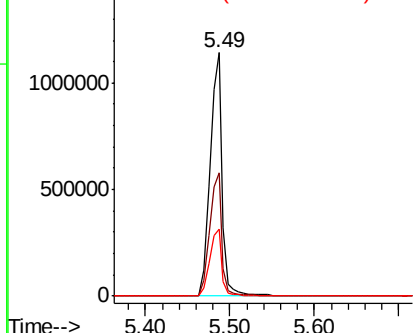
#5

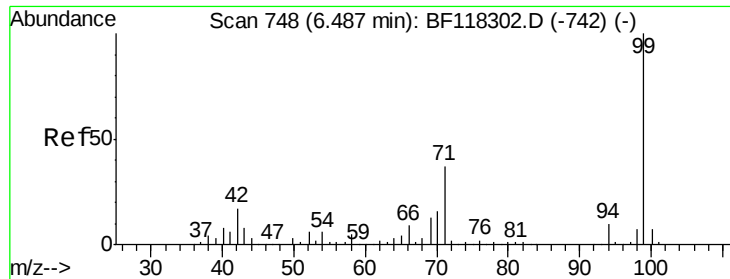
2-Fluorophenol
Concen: 132.866 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF118364.D
Acq: 28 Dec 2019 14:37

Tgt Ion:112 Resp: 1154565
Ion Ratio Lower Upper
112 100
64 50.8 39.7 59.5
63 27.4 21.7 32.5



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: 133.705 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118364.D

Acq: 28 Dec 2019 14:37

Instrument :

BNA_F

ClientSampleId :

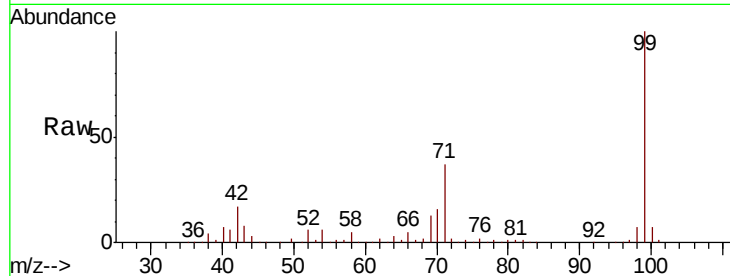
Tot Ion: 99 Resp: 1441308

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

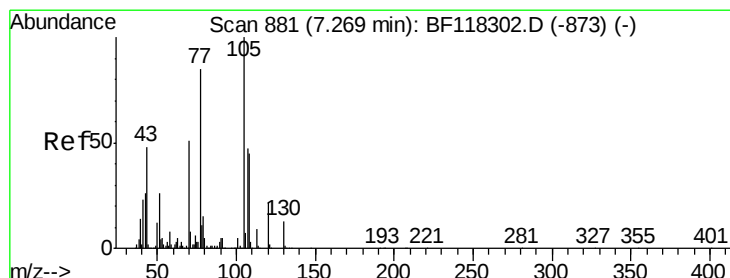
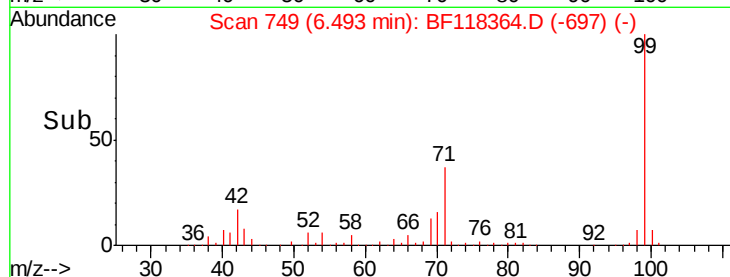
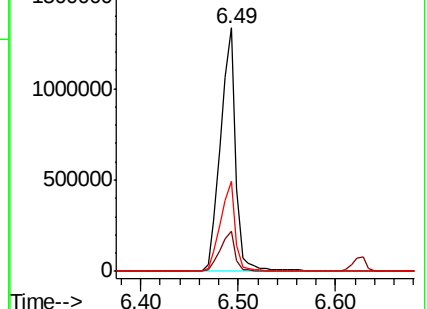
71 37.1 29.4 44.2



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: 17.796 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF118364.D

Acq: 28 Dec 2019 14:37

Tgt Ion: 70 Resp: 118178

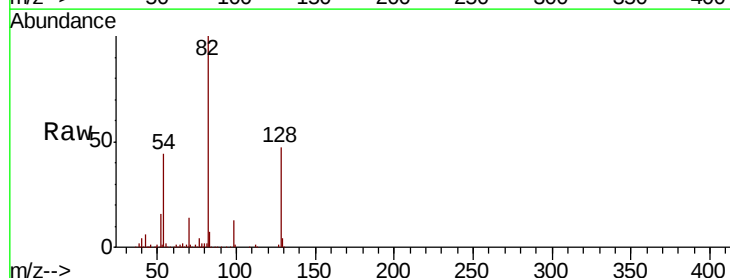
Ion Ratio Lower Upper

70 100

42 44.1 41.1 61.7

101 0.0 8.3 12.5#

130 2.5 20.1 30.1#

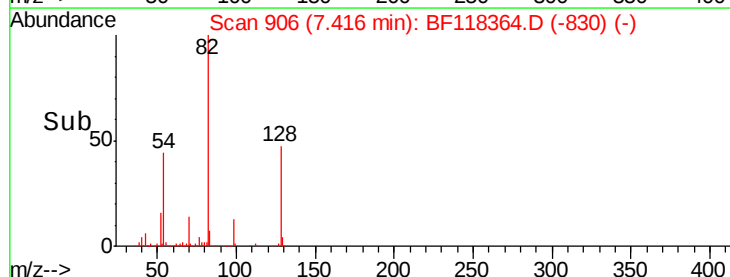
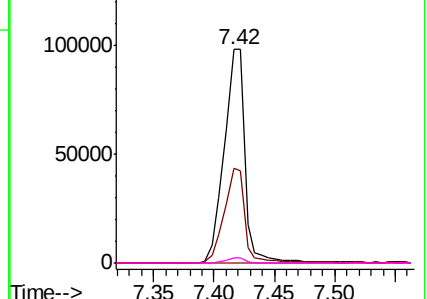


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

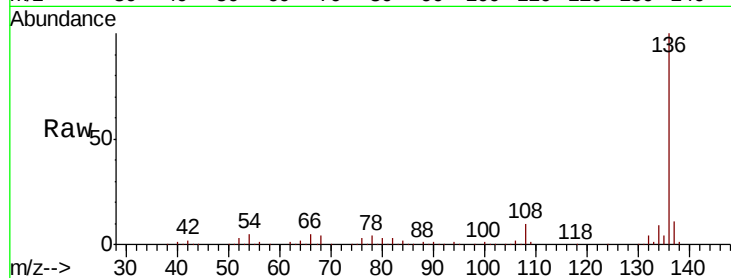




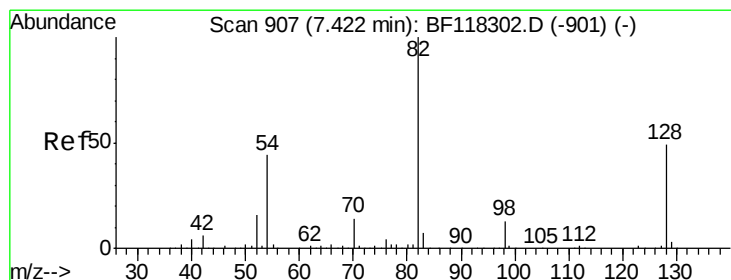
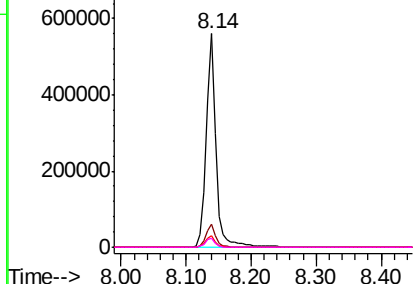
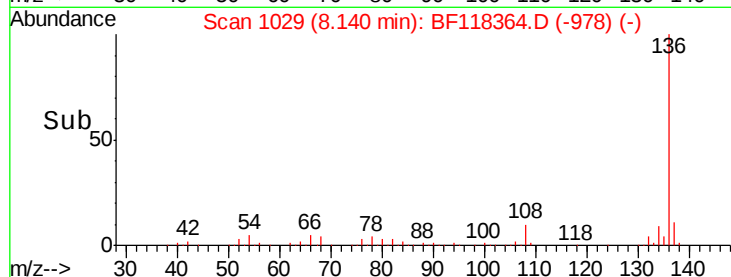
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118364.D
Acq: 28 Dec 2019 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	583880
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.3	4.2	6.4
68	4.3	3.5	5.3

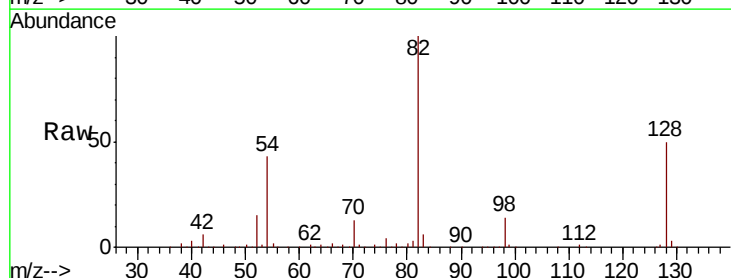


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

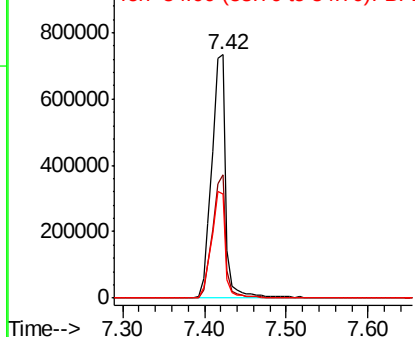
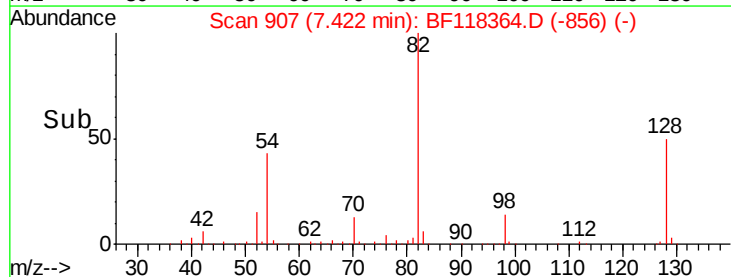


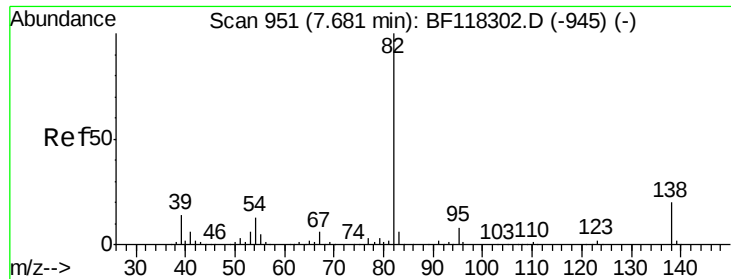
#23
Nitrobenzene-d5
Concen: 86.323 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118364.D
Acq: 28 Dec 2019 14:37

Tgt Ion:	82	Resp:	881235
Ion	Ratio	Lower	Upper
82	100		
128	50.4	39.6	59.4
54	42.7	34.9	52.3



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: 48.682 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF118364.D

Acq: 28 Dec 2019 14:37

Instrument :

BNA_F

ClientSampleId :

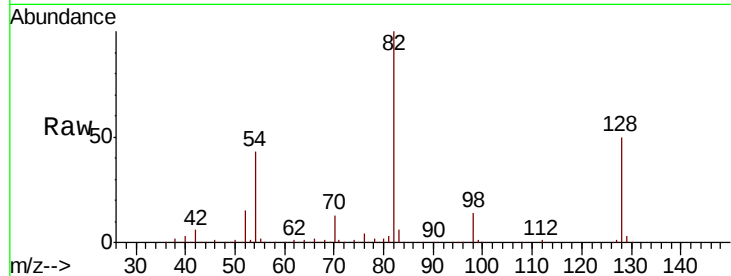
Tot Ion: 82 Resp: 866129

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

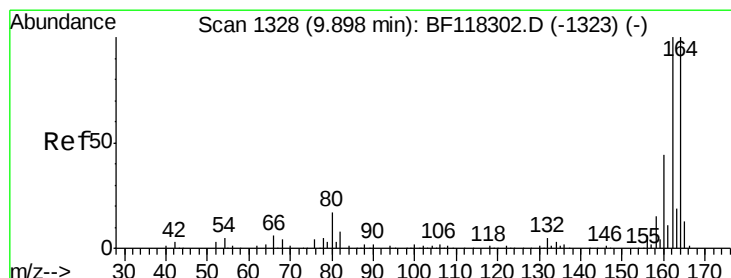
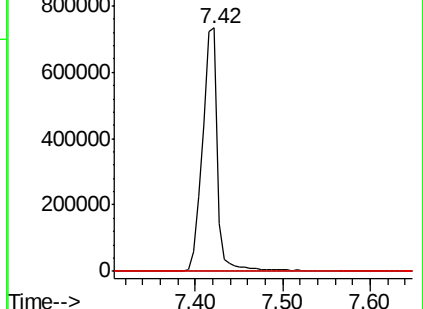
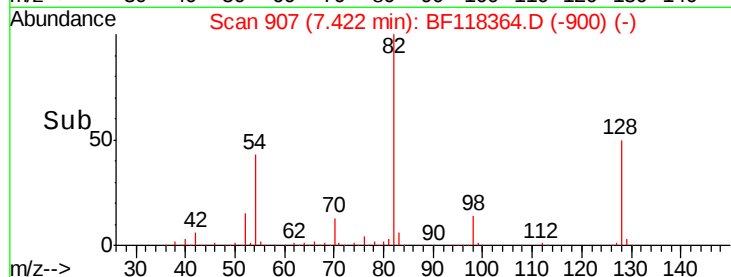
138 0.0 16.2 24.2#



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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118364.D

Acq: 28 Dec 2019 14:37

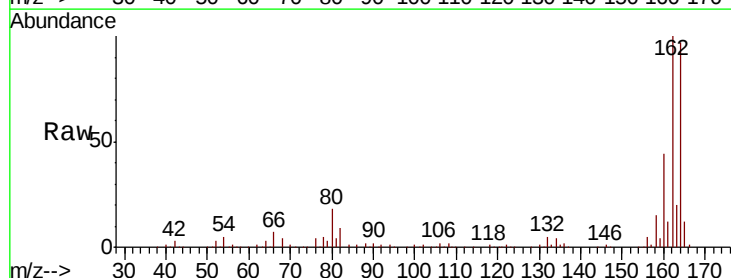
Tgt Ion:164 Resp: 316627

Ion Ratio Lower Upper

164 100

162 102.6 80.0 120.0

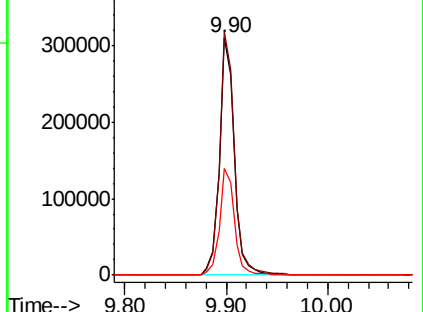
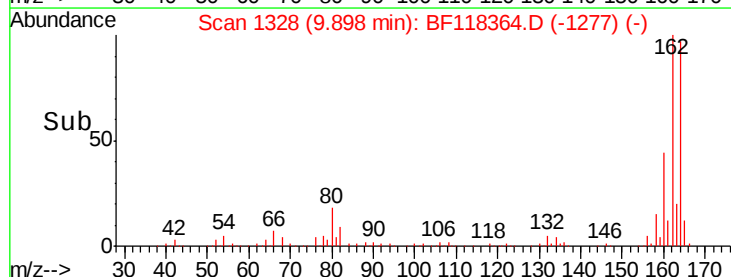
160 44.9 34.8 52.2

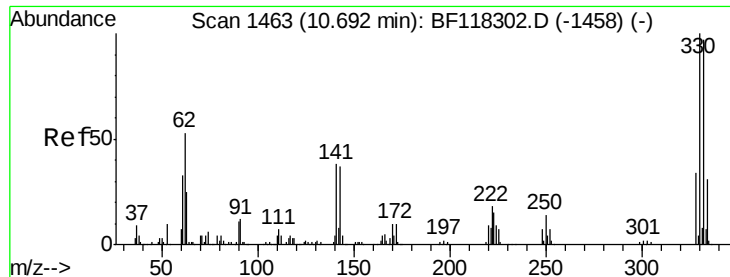


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

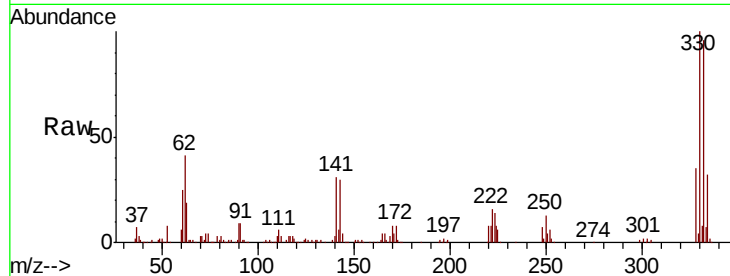




#42
 2,4,6-Tribromophenol
 Concen: 128.481 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118364.D
 Acq: 28 Dec 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	32.4	26.0	39.0

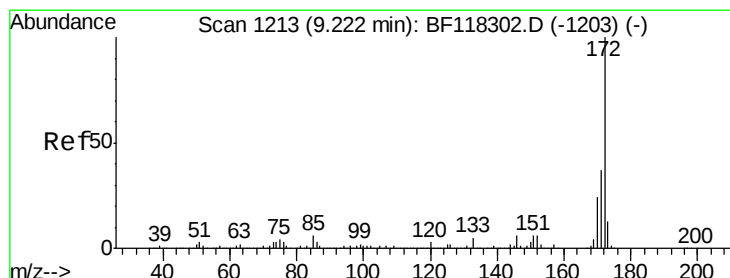
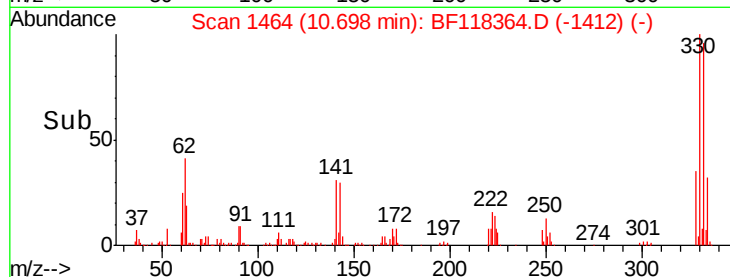
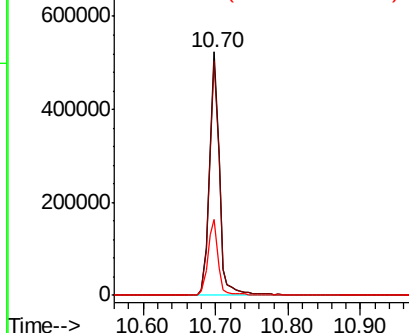


Abundance

Ion 329.80 (329.50 to 330.50): E

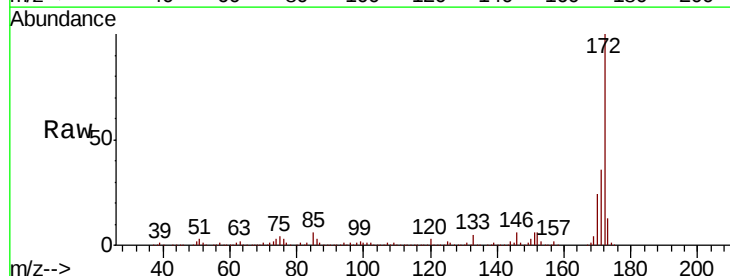
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.387 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF118364.D
 Acq: 28 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	23.8	19.2	28.8

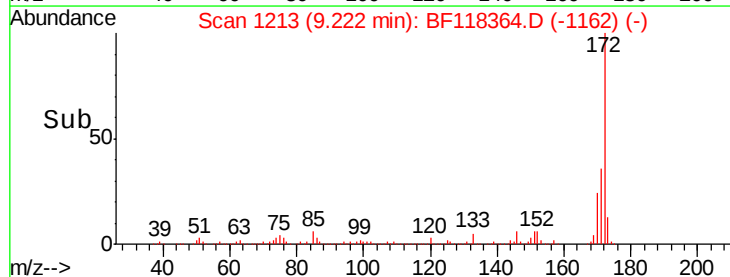
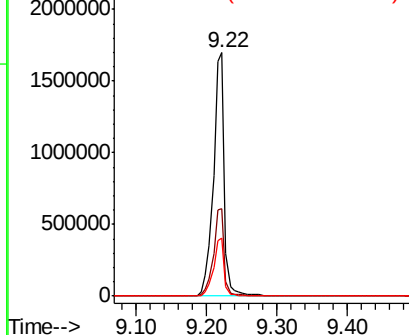


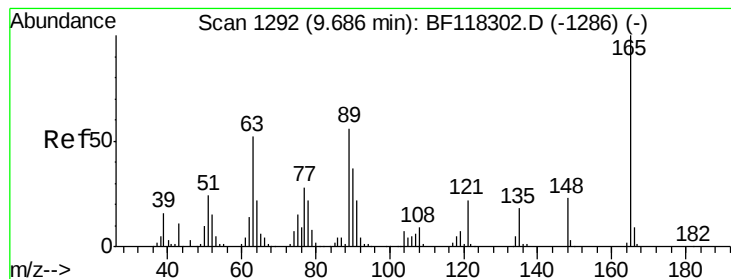
Abundance

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: 7.857 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.21 min

Lab File: BF118364.D

Acq: 28 Dec 2019 14:37

Instrument :

BNA_F

ClientSampled :

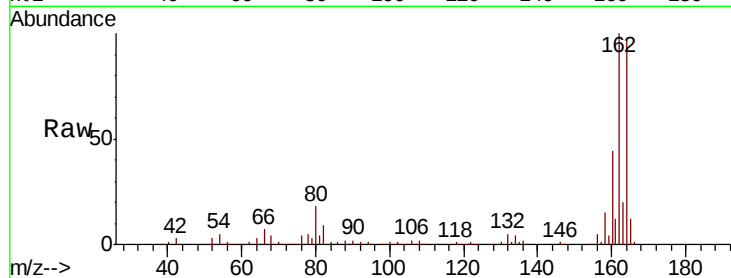
Tot Ion:165 Resp: 40257

Ion Ratio Lower Upper

165 100

63 1.3 42.2 63.4#

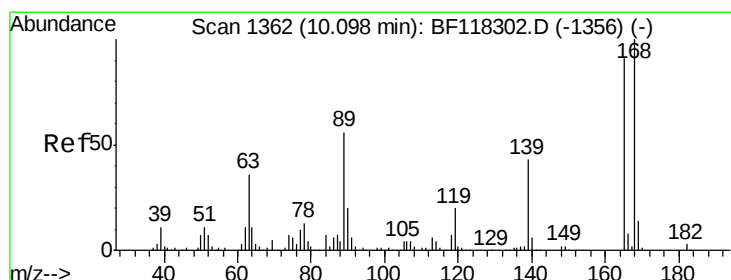
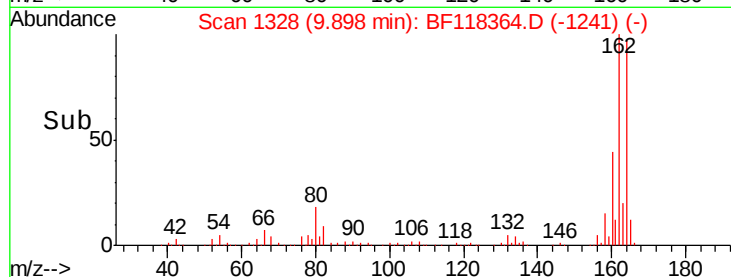
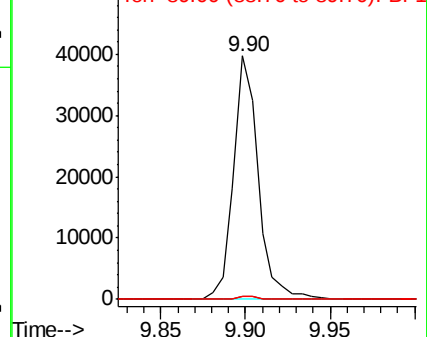
89 1.3 44.4 66.6#



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: 5.880 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.20 min

Lab File: BF118364.D

Acq: 28 Dec 2019 14:37

Tgt Ion:165 Resp: 40257

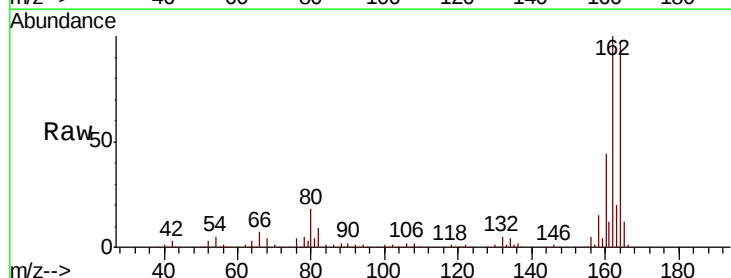
Ion Ratio Lower Upper

165 100

63 1.3 32.0 48.0#

89 1.3 49.3 73.9#

182 0.0 2.4 3.6#

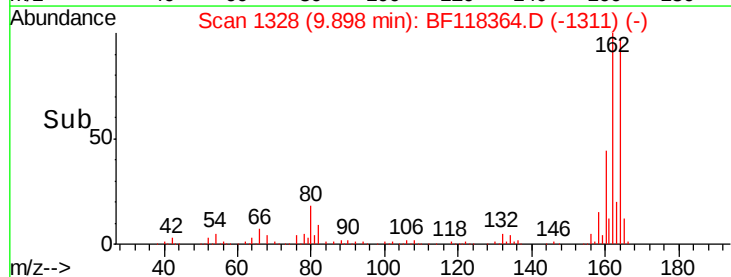
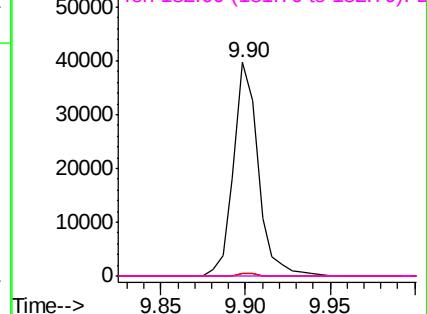


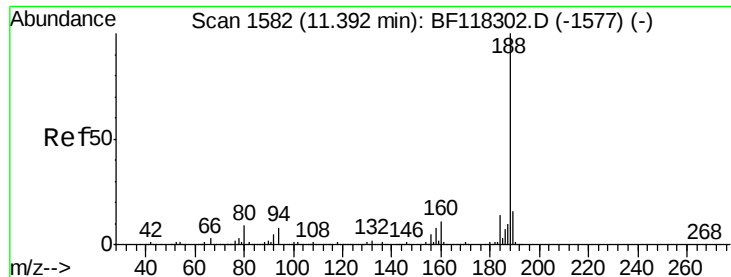
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118364.D

Acq: 28 Dec 2019 14:37

Instrument :

BNA_F

ClientSampleId :

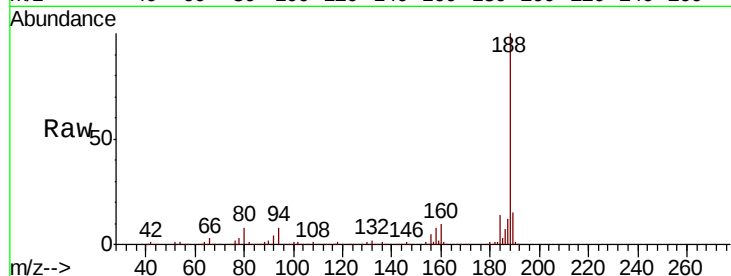
Tot Ion:188 Resp: 606635

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

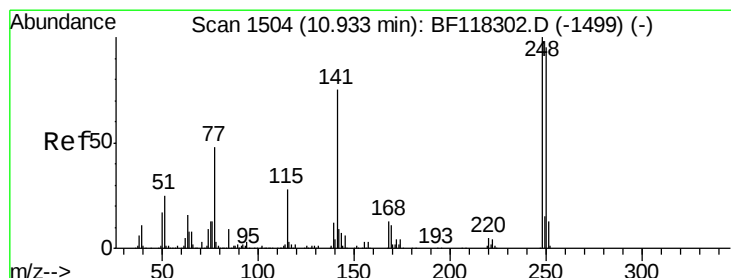
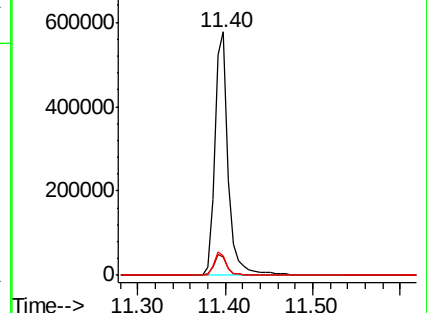
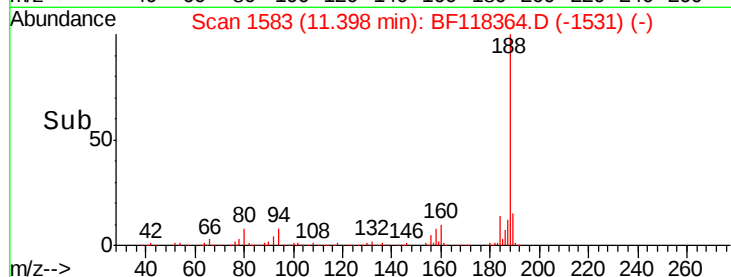
80 8.3 7.2 10.8



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: 4.461 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF118364.D

Acq: 28 Dec 2019 14:37

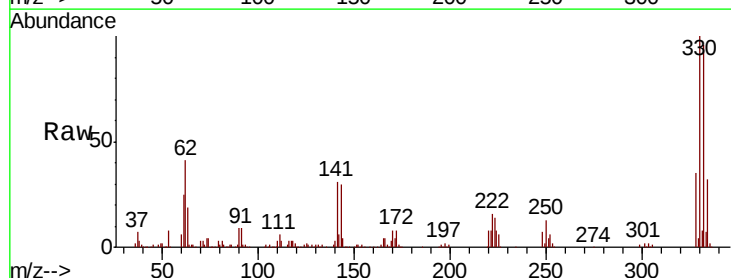
Tgt Ion:248 Resp: 31673

Ion Ratio Lower Upper

248 100

250 188.5 76.4 114.6#

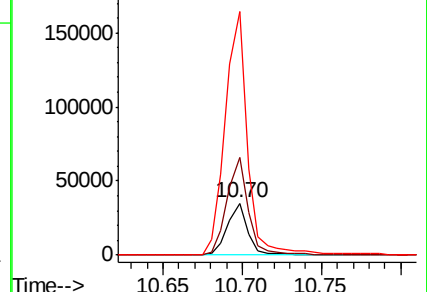
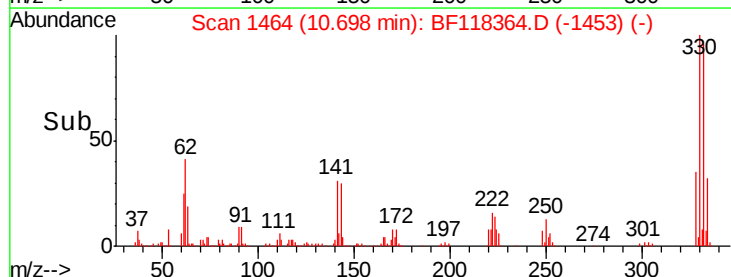
141 470.7 60.2 90.2#

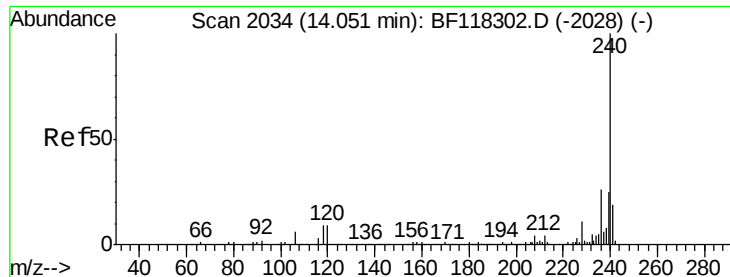


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

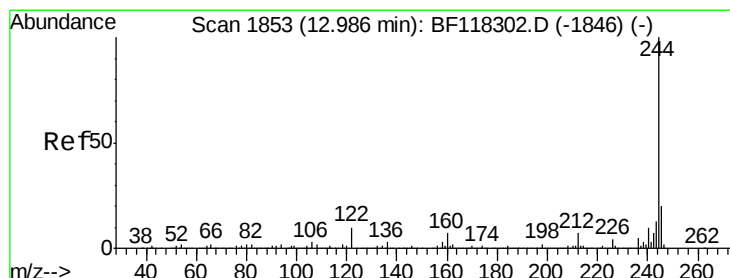
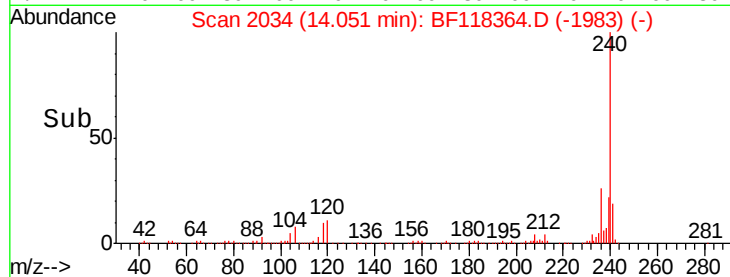
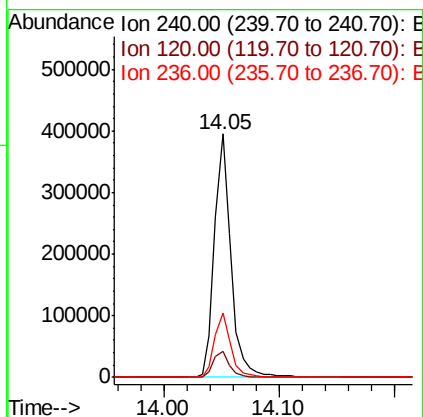
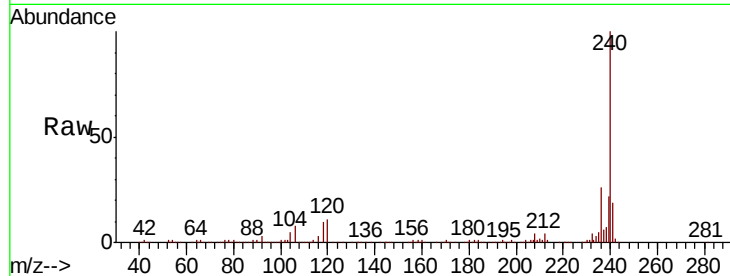




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118364.D
 Acq: 28 Dec 2019 14:37

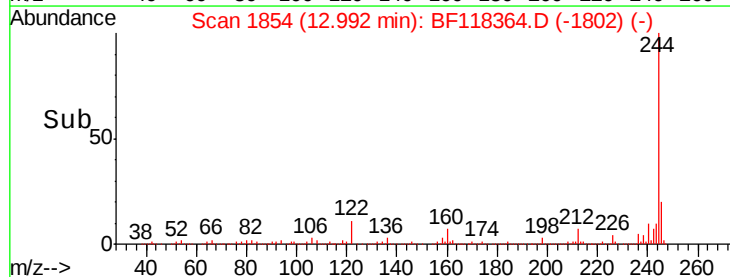
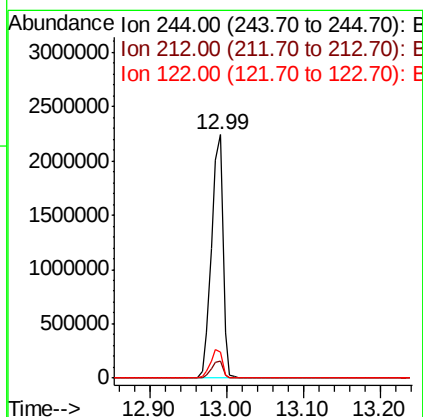
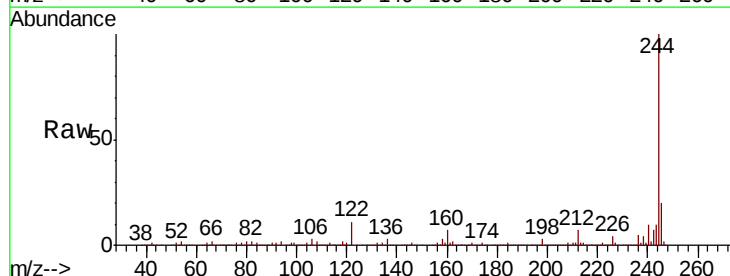
Instrument :
 BNA_F
 ClientSampleId :

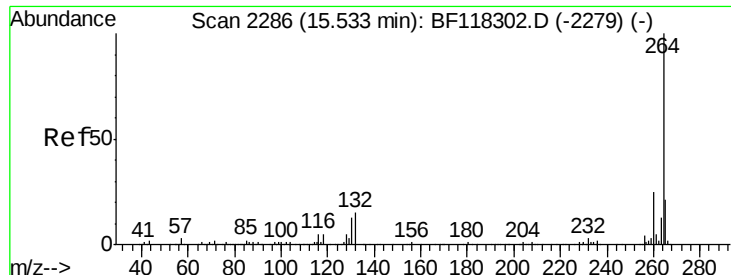
Tot Ion:240 Resp: 392749
 Ion Ratio Lower Upper
 240 100
 120 10.8 7.1 10.7#
 236 26.4 21.0 31.6



#79
 Terphenyl-d14
 Concen: 95.939 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118364.D
 Acq: 28 Dec 2019 14:37

Tgt Ion:244 Resp: 2271194
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.6 7.8 11.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: BF118364.D
 Acq: 28 Dec 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.8	29.6
265	21.3	17.0	25.4

