

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118277.D
 Acq On : 19 Dec 2019 14:10
 Operator : JU
 Sample : PB125579BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:11:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

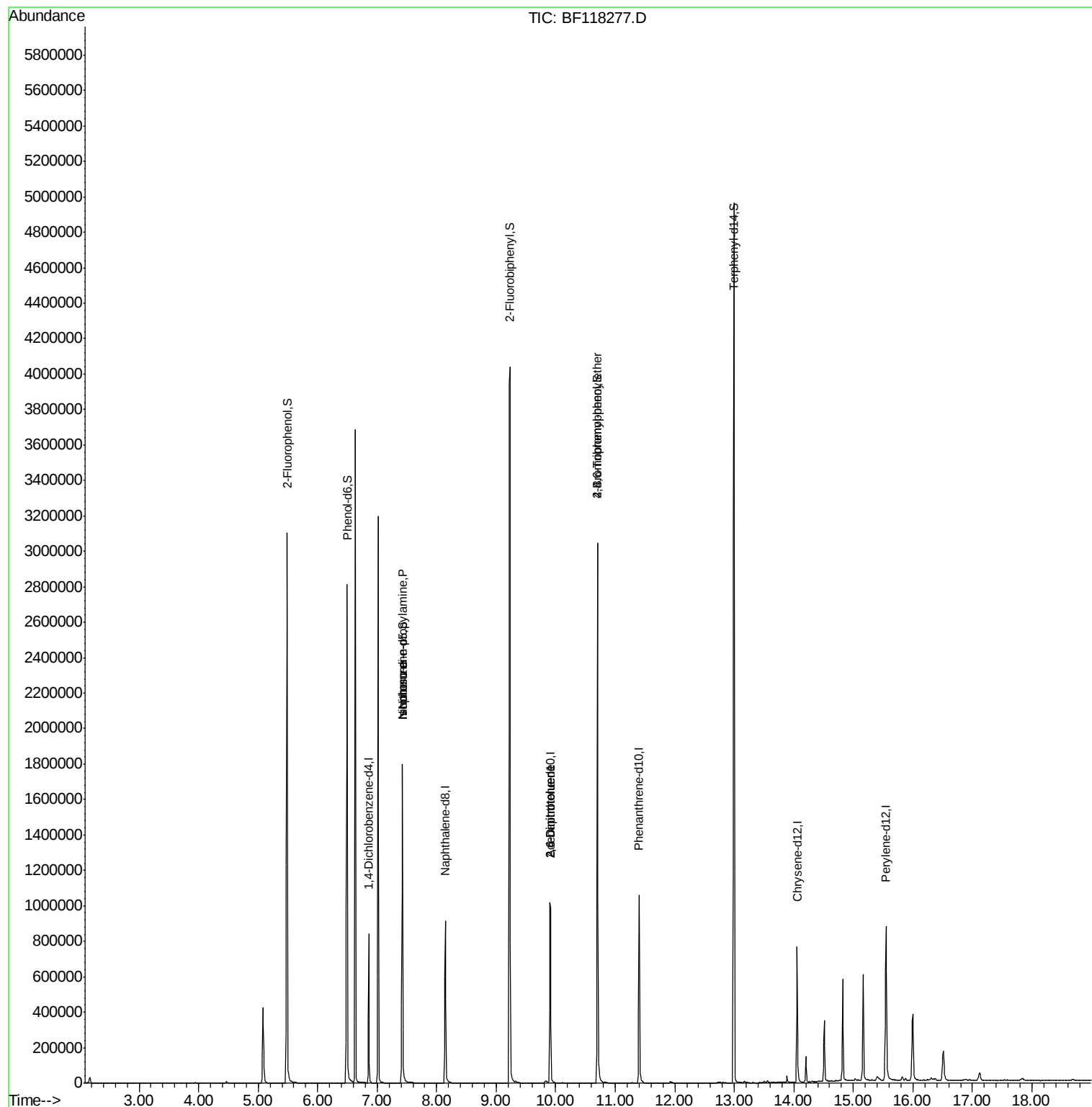
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119376	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	462094	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	248305	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	477022	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	294121	20.00	ng	-0.02
87) Perylene-d12	15.54	264	244192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	916814	134.51	ng	0.00
7) Phenol-d6	6.49	99	1164769	141.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	690392	84.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	402842	133.55	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1475689	90.43	ng	-0.01
79) Terphenyl-d14	12.99	244	1760571	102.93	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	1623	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	94479	18.860	ng	# 77
25) Isophorone	7.42	82	681468	48.941	ng	# 62
51) 2,6-Dinitrotoluene	9.90	165	32826	8.231	ng	# 27
57) 2,4-Dinitrotoluene	9.90	165	32826	6.167	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	24797	4.554	ng	# 1

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

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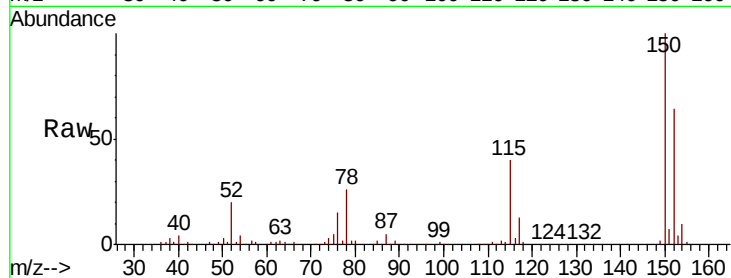


#1

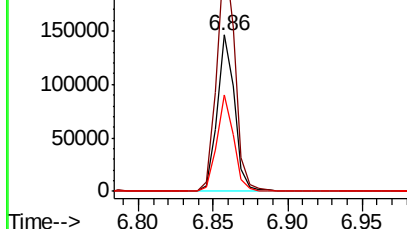
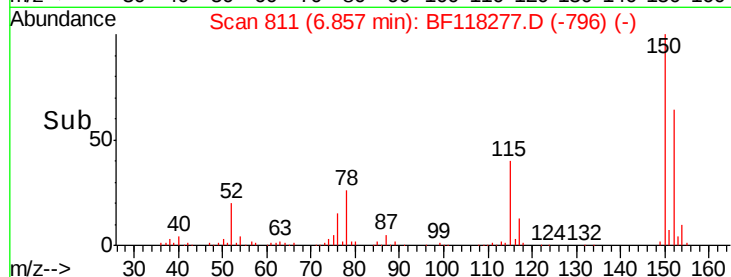
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118277.D
Acq: 19 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119376
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 61.9 51.1 76.7



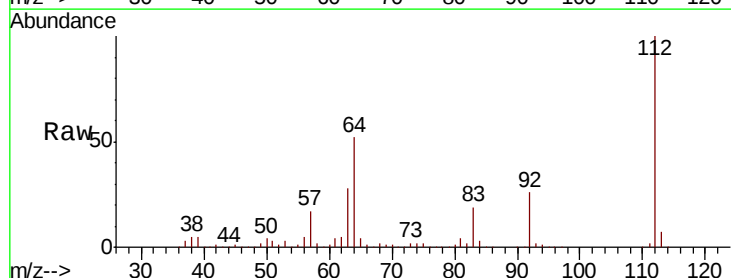
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



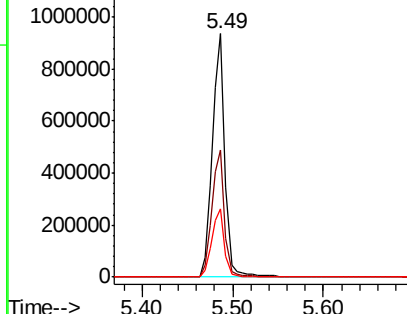
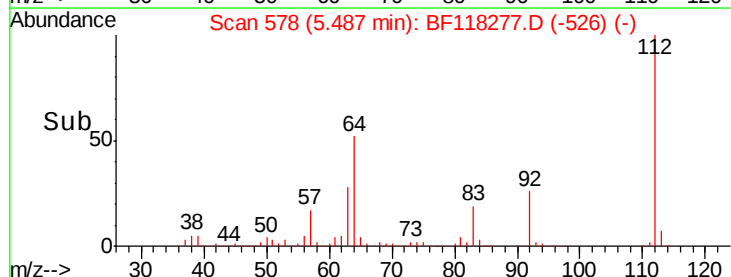
#5

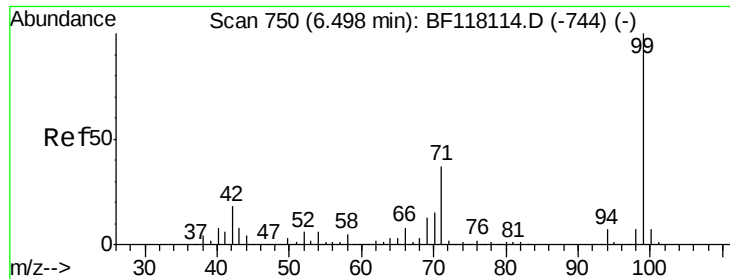
2-Fluorophenol
Concen: 134.513 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118277.D
Acq: 19 Dec 2019 14:10

Tgt Ion:112 Resp: 916814
Ion Ratio Lower Upper
112 100
64 52.3 41.3 61.9
63 28.2 22.4 33.6



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: 141.289 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

Instrument :

BNA_F

ClientSampled :

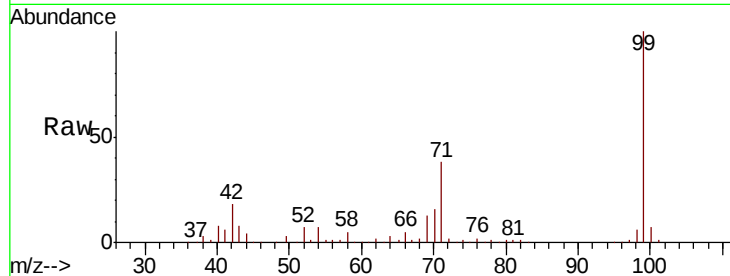
Tot Ion: 99 Resp: 1164769

Ion Ratio Lower Upper

99 100

42 17.9 14.1 21.1

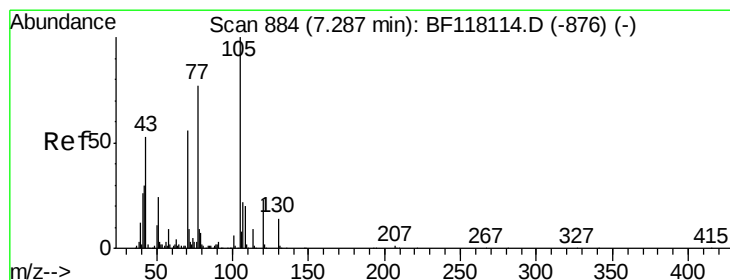
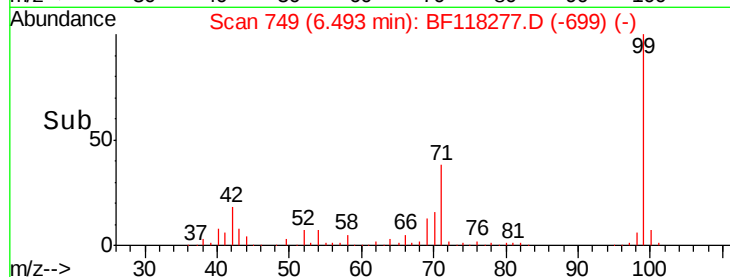
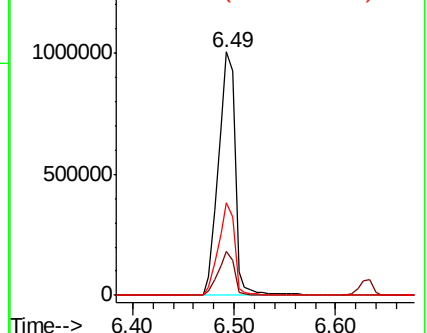
71 38.0 29.7 44.5



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: 18.860 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

Tgt Ion: 70 Resp: 94479

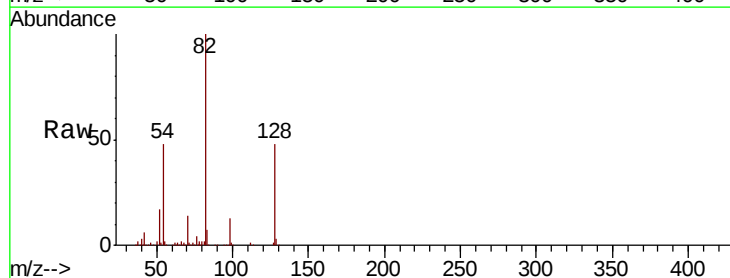
Ion Ratio Lower Upper

70 100

42 45.5 43.2 64.8

101 0.0 8.1 12.1#

130 2.2 19.8 29.8#

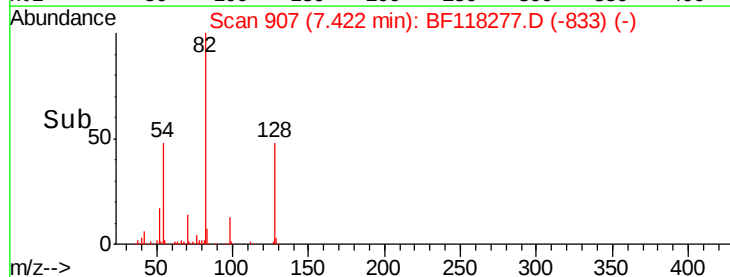
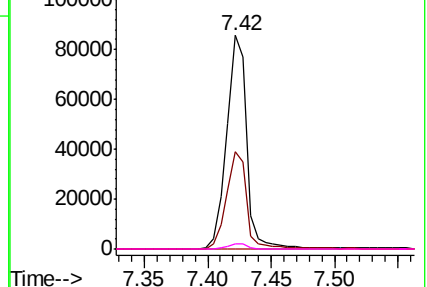


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

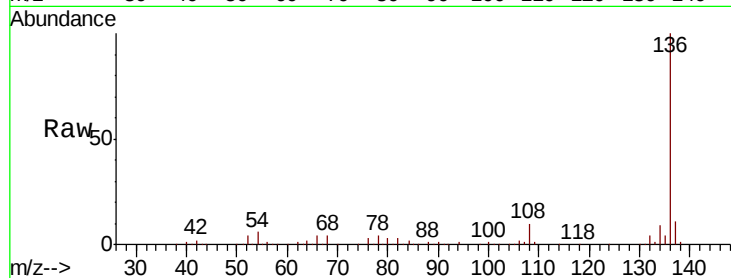




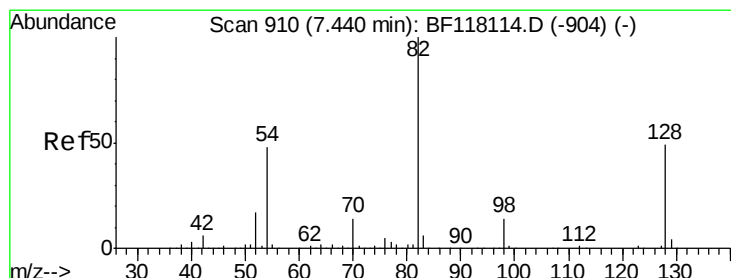
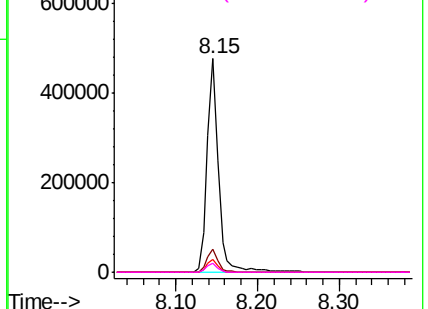
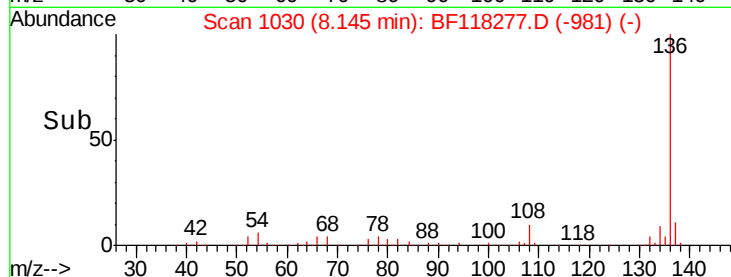
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118277.D
Acq: 19 Dec 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	462094
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	5.9	5.0 7.6
68	4.3	3.8 5.8

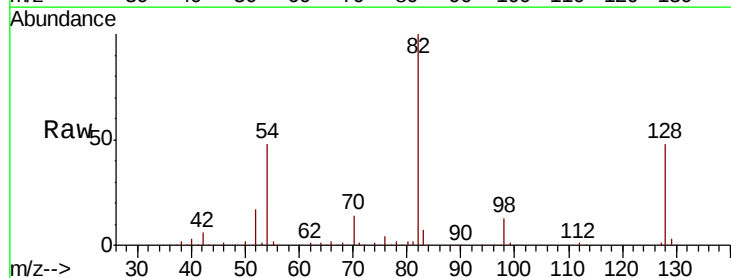


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

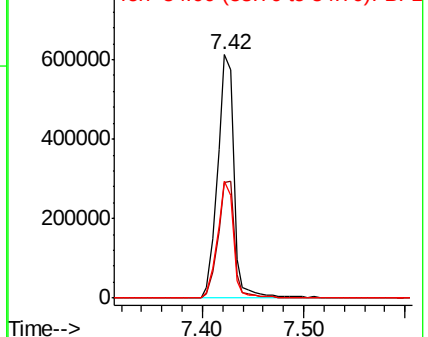
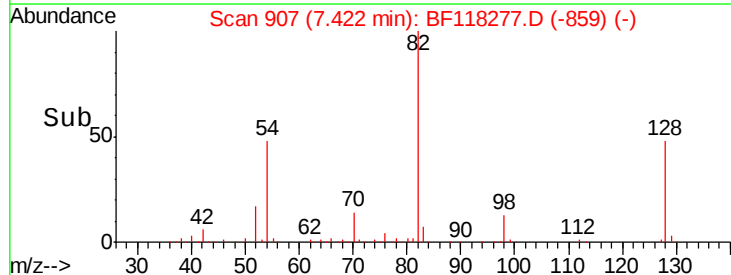


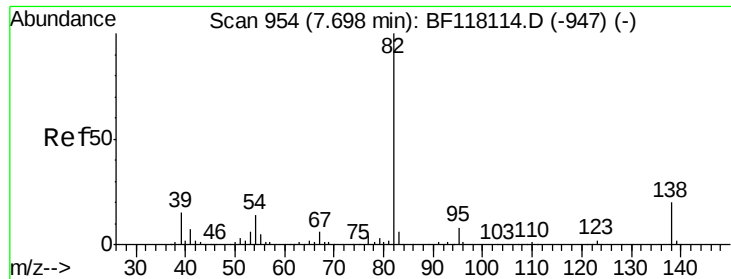
#23
Nitrobenzene-d5
Concen: 84.052 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118277.D
Acq: 19 Dec 2019 14:10

Tgt Ion: 82	Resp:	690392
Ion Ratio	Lower	Upper
82	100	
128	47.5	39.1 58.7
54	48.2	38.2 57.2



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: 48.941 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

Instrument :

BNA_F

ClientSampleId :

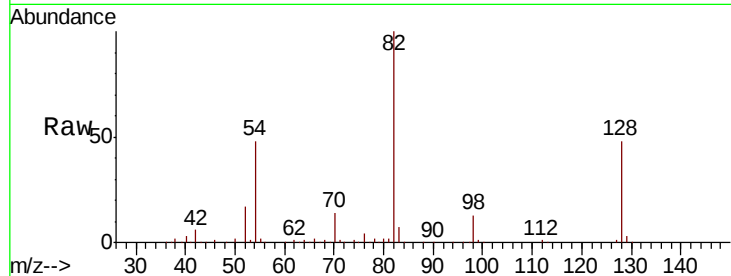
Tot Ion: 82 Resp: 681468

Ion Ratio Lower Upper

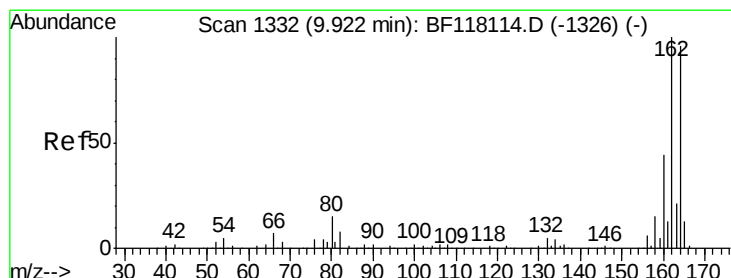
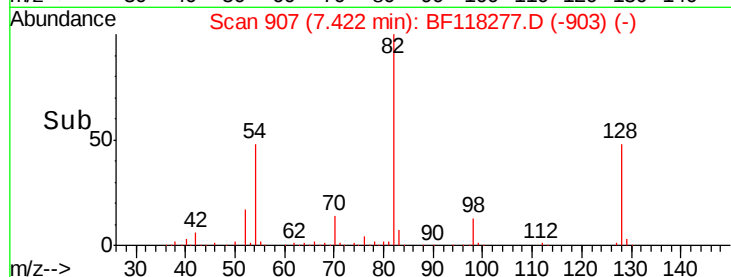
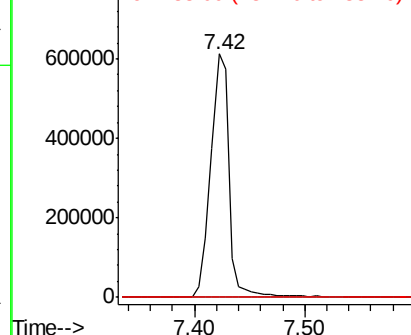
82 100

95 0.0 6.3 9.5#

138 0.0 16.3 24.5#



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: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

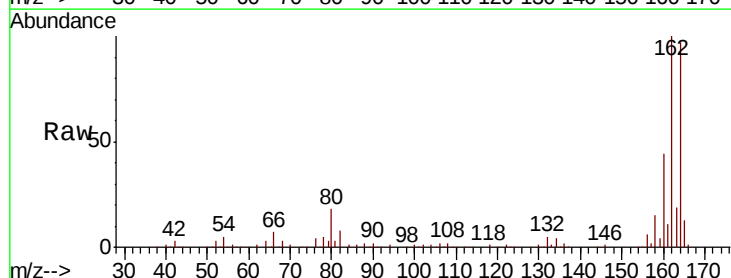
Tgt Ion: 164 Resp: 248305

Ion Ratio Lower Upper

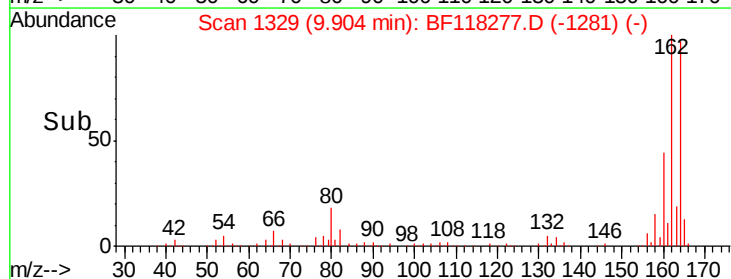
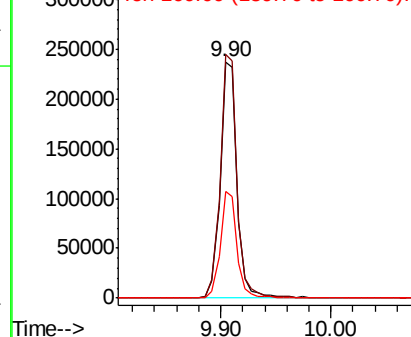
164 100

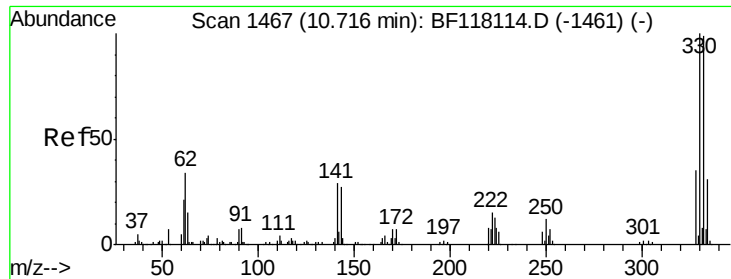
162 103.0 83.4 125.0

160 44.9 36.6 54.8



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: 133.548 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

Instrument :

BNA_F

ClientSampleId :

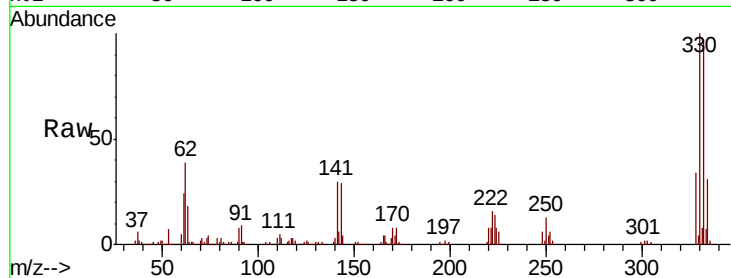
Tot Ion:330 Resp: 402842

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

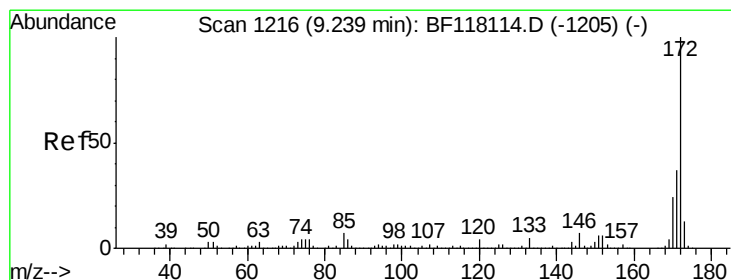
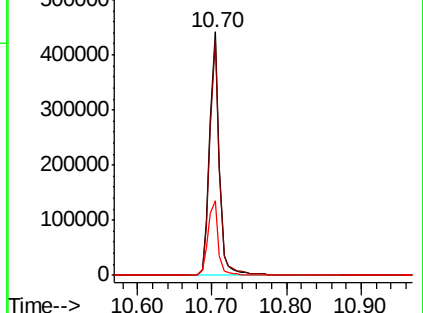
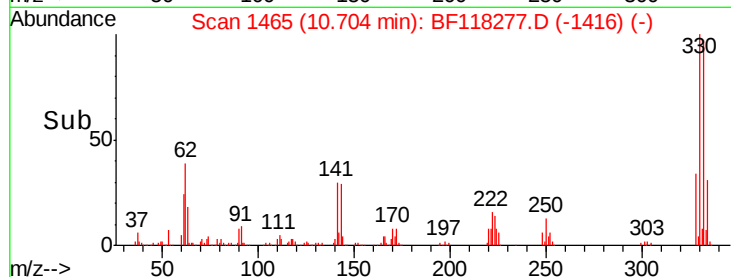
141 32.4 26.9 40.3



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: 90.432 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

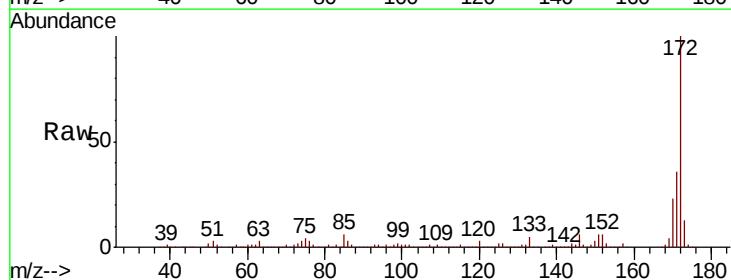
Tgt Ion:172 Resp: 1475689

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

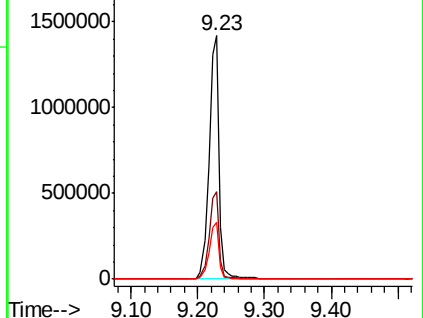
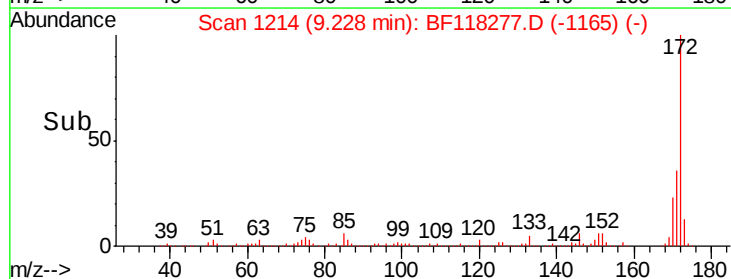
170 23.5 19.4 29.2

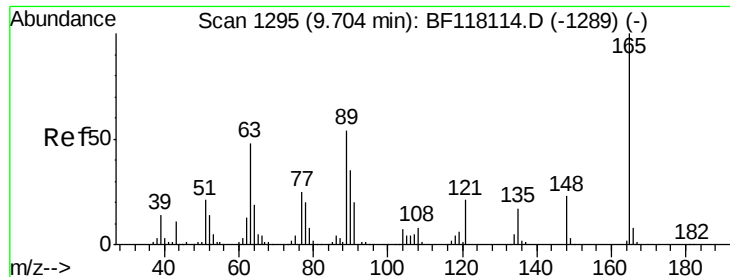


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

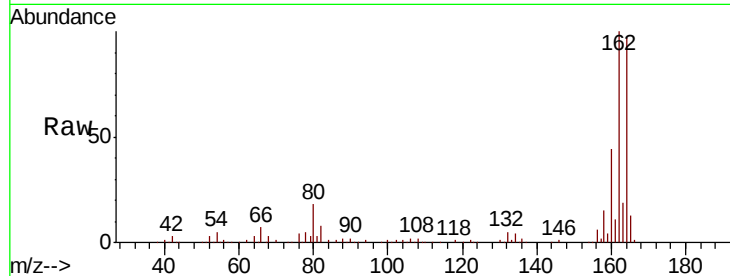




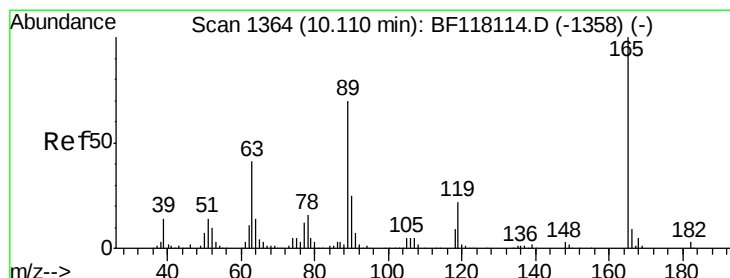
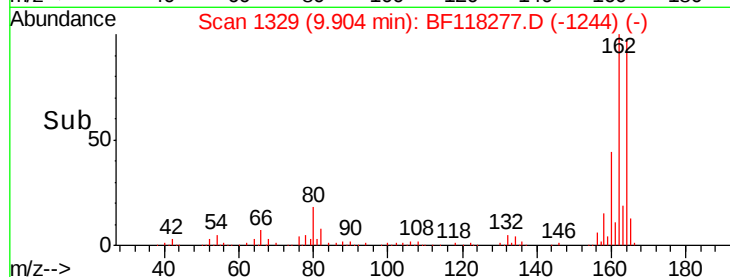
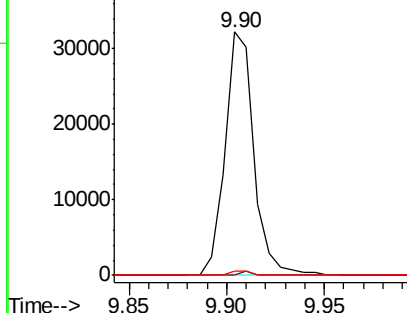
#51
 2,6-Dinitrotoluene
 Concen: 8.231 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.20 min
 Lab File: BF118277.D
 Acq: 19 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.4	62.0#
89	1.6	42.9	64.3#



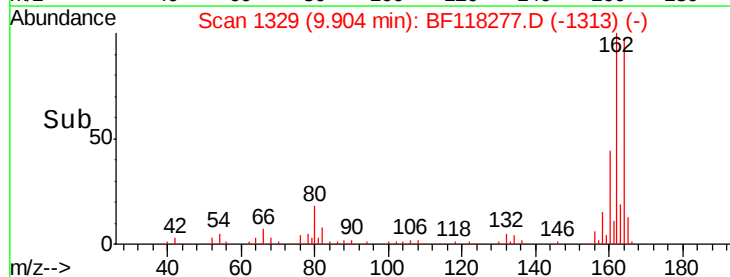
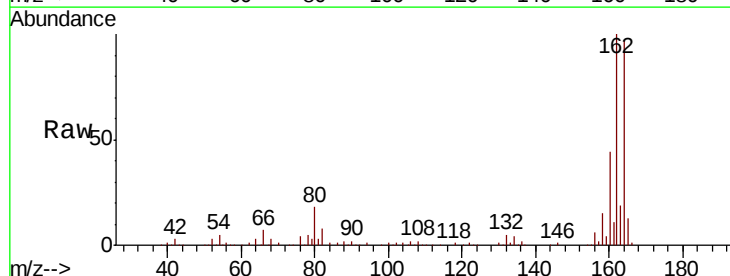
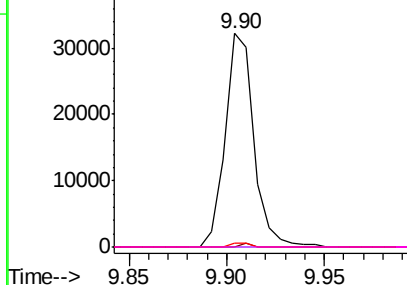
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

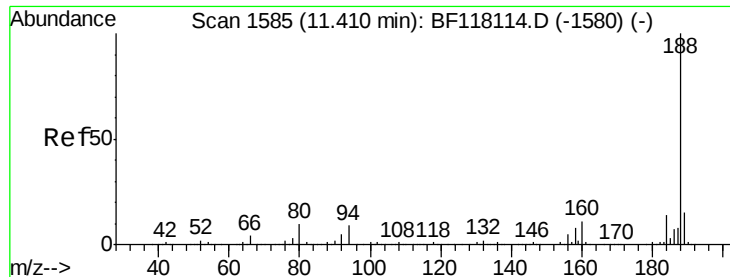


#57
 2,4-Dinitrotoluene
 Concen: 6.167 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF118277.D
 Acq: 19 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.6	49.0#
89	1.6	56.1	84.1#
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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

Instrument :

BNA_F

ClientSampleId :

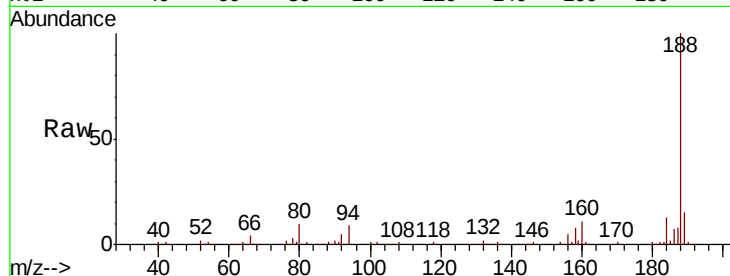
Tot Ion:188 Resp: 477022

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

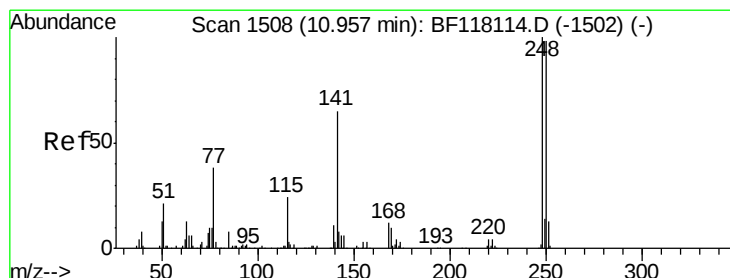
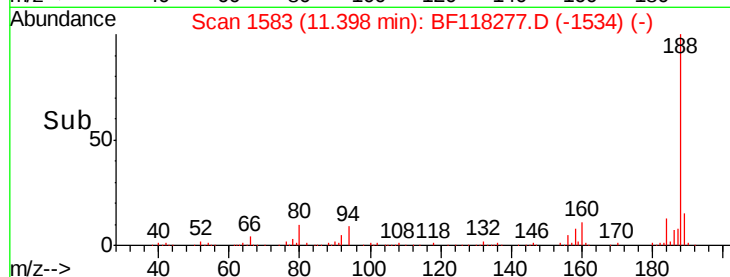
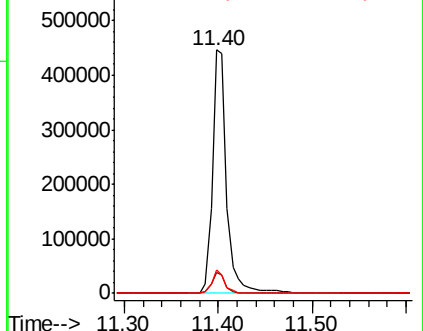
80 9.9 7.9 11.9



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: 4.554 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

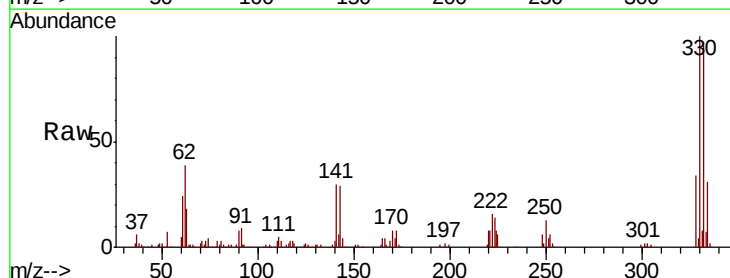
Tgt Ion:248 Resp: 24797

Ion Ratio Lower Upper

248 100

250 208.0 78.3 117.5#

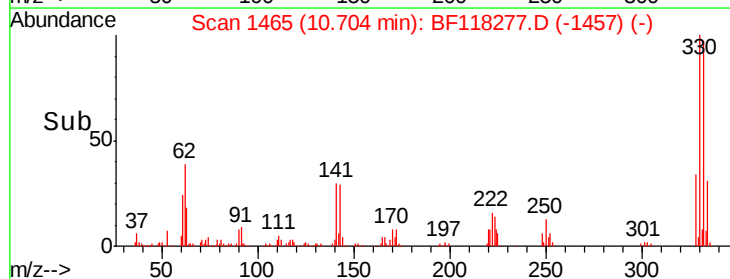
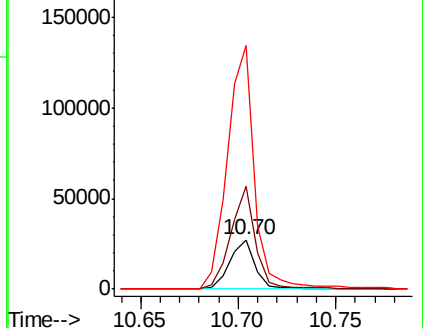
141 495.0 52.2 78.4#

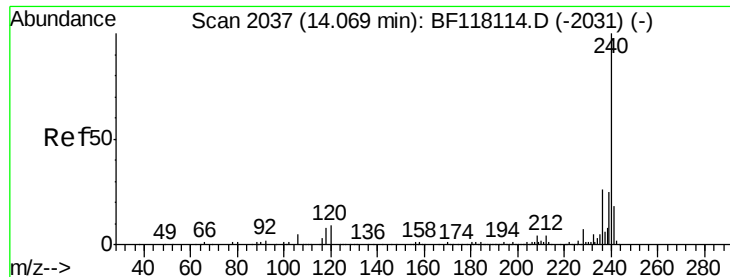


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.02 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

Instrument :

BNA_F

ClientSampleId :

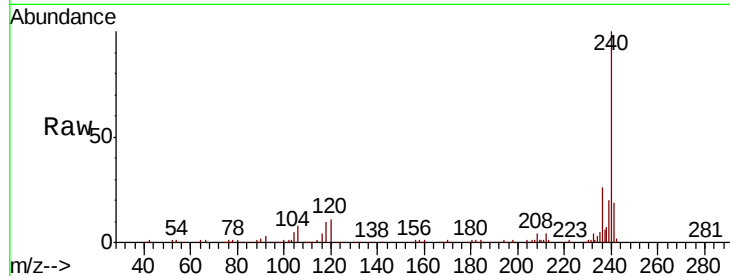
Tot Ion:240 Resp: 294121

Ion Ratio Lower Upper

240 100

120 11.0 7.1 10.7#

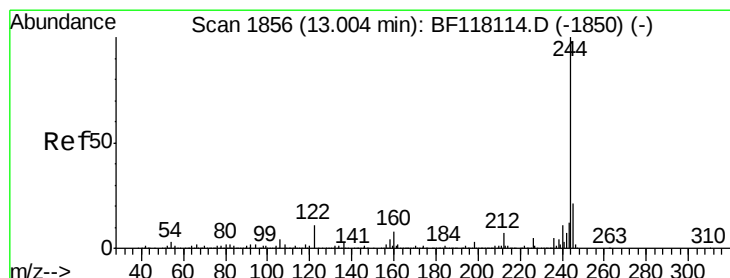
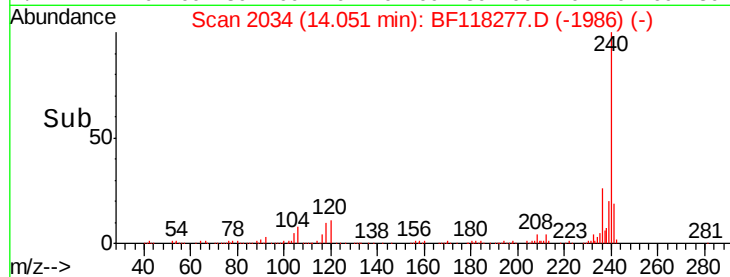
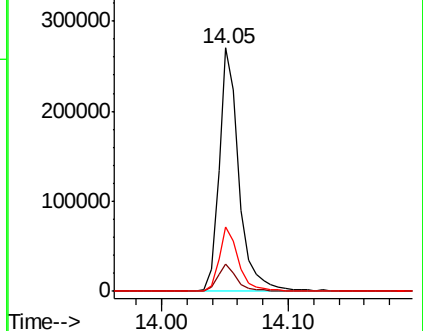
236 26.2 21.0 31.6



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: 102.935 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118277.D

Acq: 19 Dec 2019 14:10

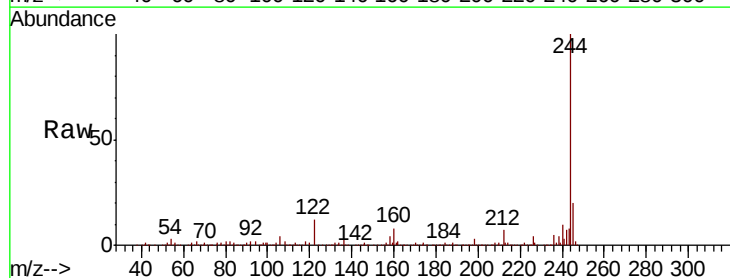
Tgt Ion:244 Resp: 1760571

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

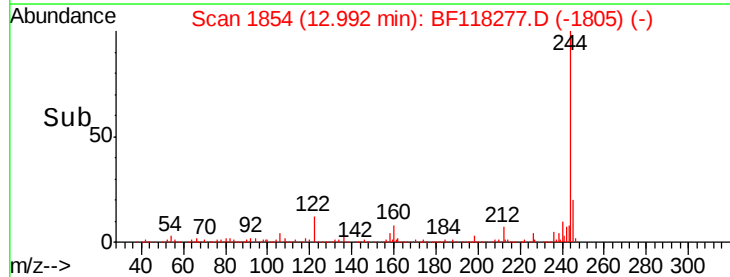
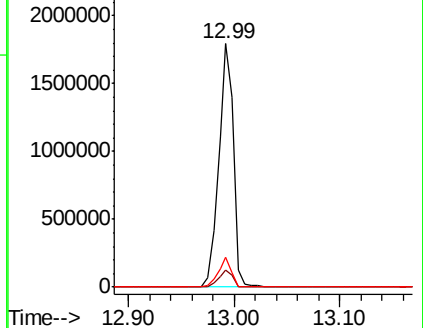
122 12.4 9.0 13.6

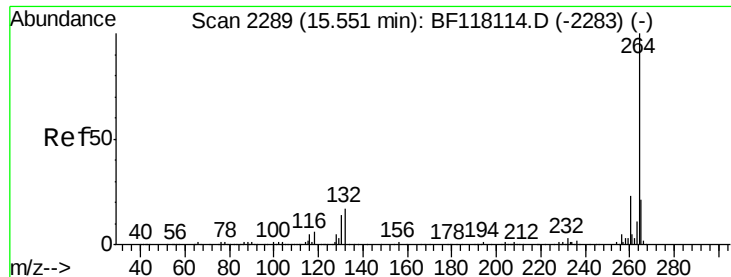


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

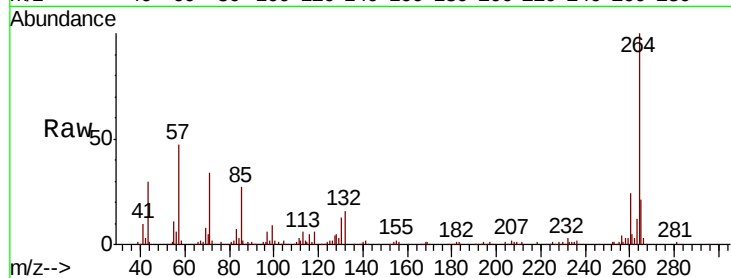




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF118277.D
 Acq: 19 Dec 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.0	16.8	25.2



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

