

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118770.D
 Acq On : 30 Jan 2020 23:52
 Operator : CG/JU
 Sample : L1014-11 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 01:25:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

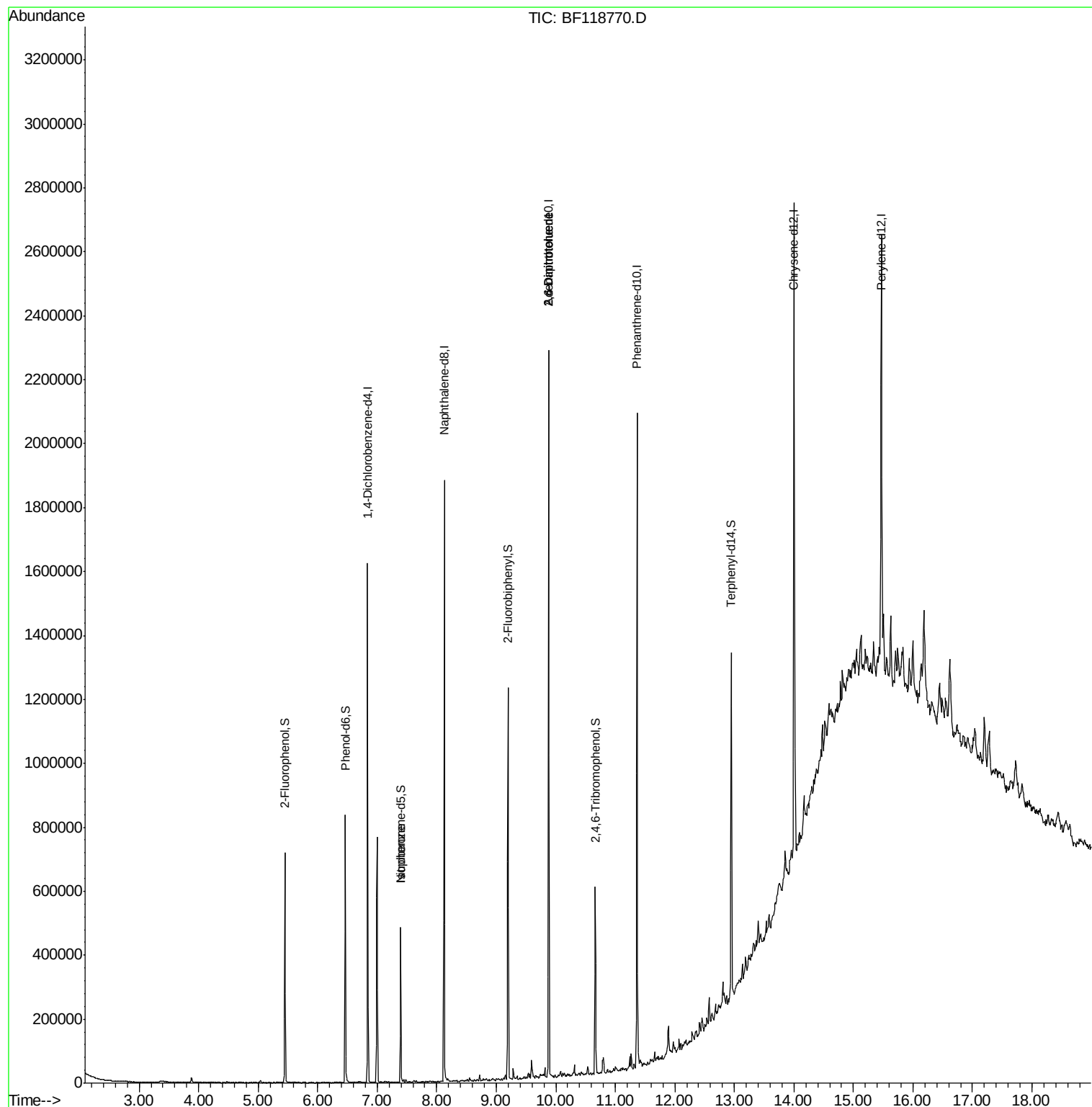
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	235128	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	859532	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	427786	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	733564	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	672204	20.00	ng	-0.02
87) Perylene-d12	15.47	264	684446	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	211061	16.67	ng	-0.03
7) Phenol-d6	6.46	99	255896	15.55	ng	-0.03
23) Nitrobenzene-d5	7.39	82	152099	9.90	ng	-0.03
42) 2,4,6-Tribromophenol	10.66	330	71356	14.42	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	338344	13.00	ng	-0.02
79) Terphenyl-d14	12.95	244	383145	12.43	ng	-0.02
Target Compounds						
25) Isophorone	7.39	82	150295	5.362	ng	# 63
51) 2,6-Dinitrotoluene	9.88	165	56308	9.022	ng	# 29
57) 2,4-Dinitrotoluene	9.88	165	56308	7.157	ng	# 30

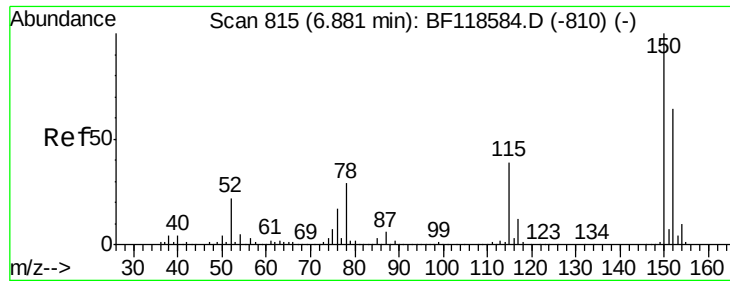
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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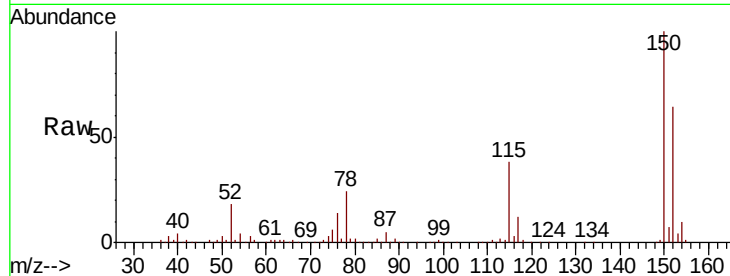


#1

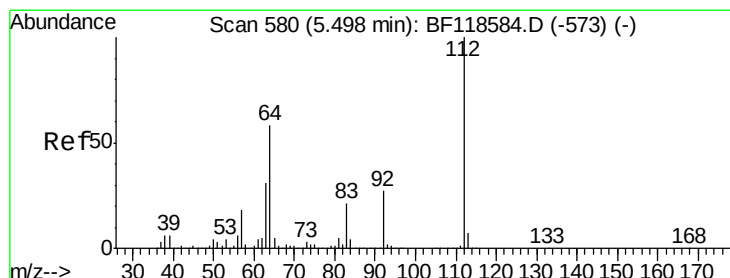
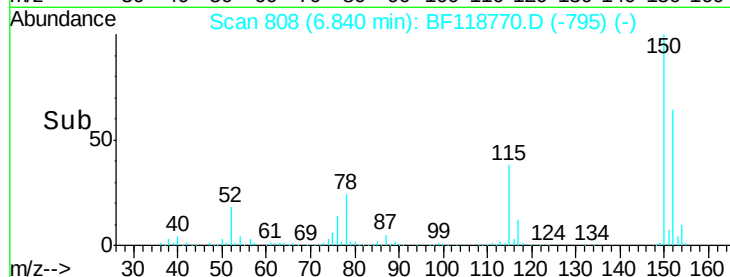
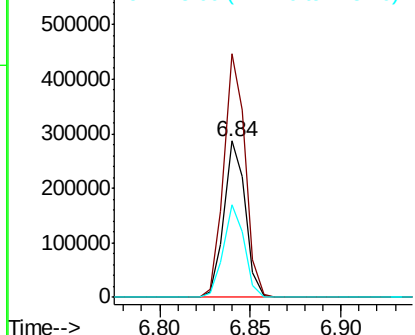
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118770.D
Acq: 30 Jan 2020 23:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 235128
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 59.7 45.1 67.7



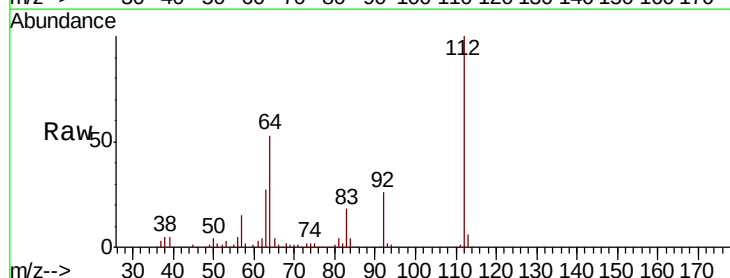
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



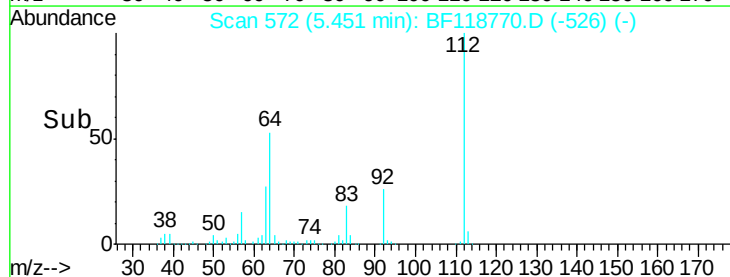
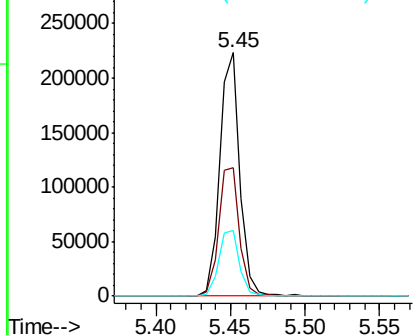
#5

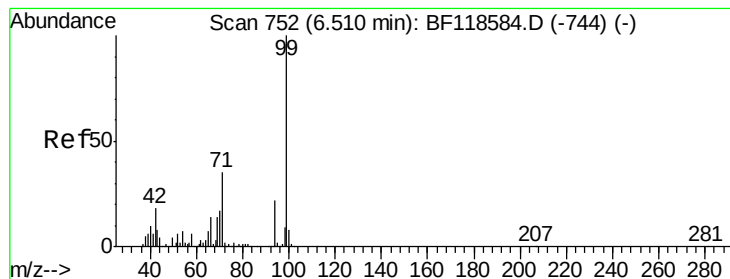
2-Fluorophenol
Concen: 16.672 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118770.D
Acq: 30 Jan 2020 23:52

Tgt Ion:112 Resp: 211061
Ion Ratio Lower Upper
112 100
64 52.7 42.4 63.6
63 27.2 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: 15.552 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF118770.D

Acq: 30 Jan 2020 23:52

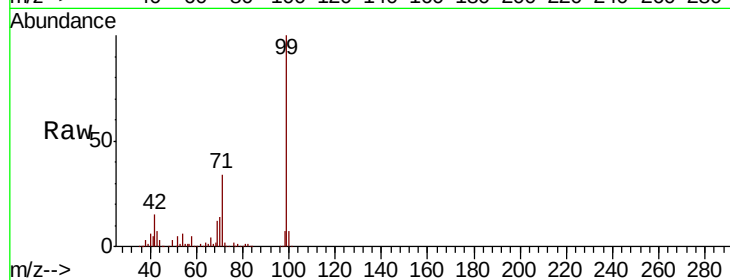
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 255896

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.1	19.7
71	33.7	28.4	42.6

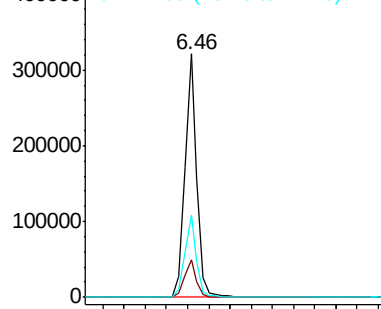


Abundance

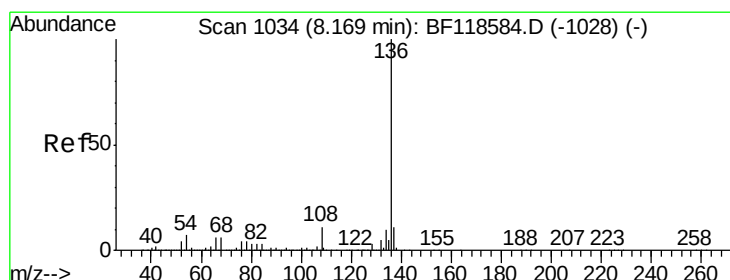
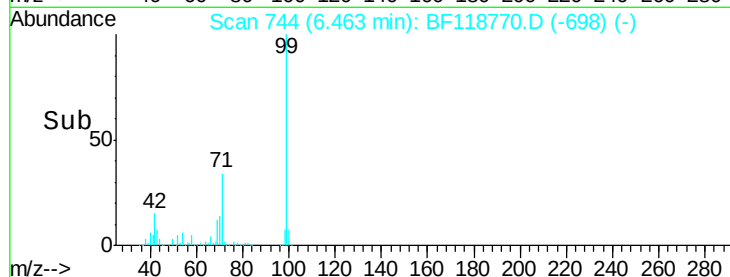
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

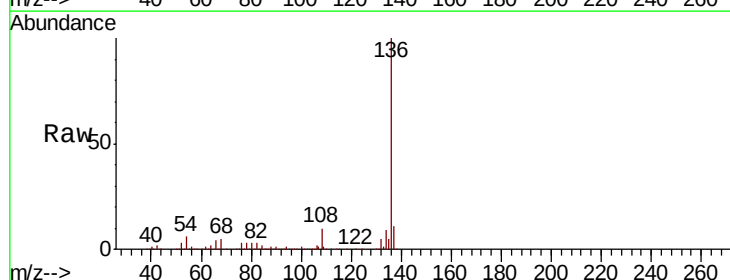
Delta R.T. -0.02 min

Lab File: BF118770.D

Acq: 30 Jan 2020 23:52

Tgt Ion: 136 Resp: 859532

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.9	5.1	7.7
68	5.2	4.3	6.5



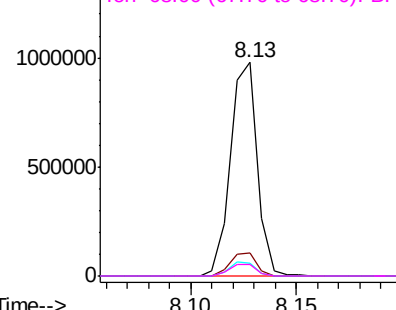
Abundance

Ion 136.00 (135.70 to 136.70): BF1

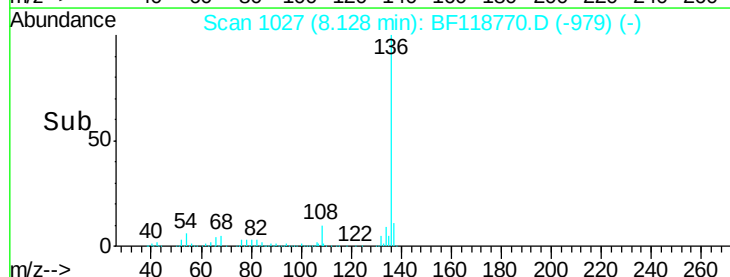
Ion 137.00 (136.70 to 137.70): BF1

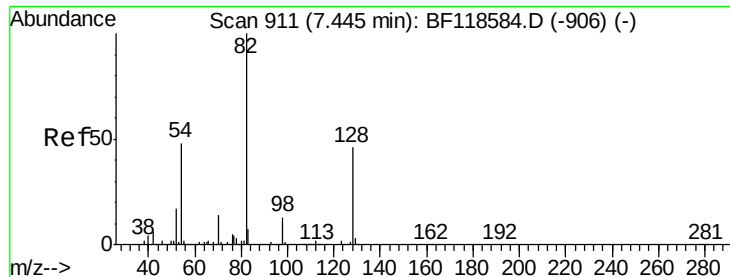
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->





#23

Nitrobenzene-d5

Concen: 9.898 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF118770.D

Acq: 30 Jan 2020 23:52

Instrument :

BNA_F

ClientSampled :

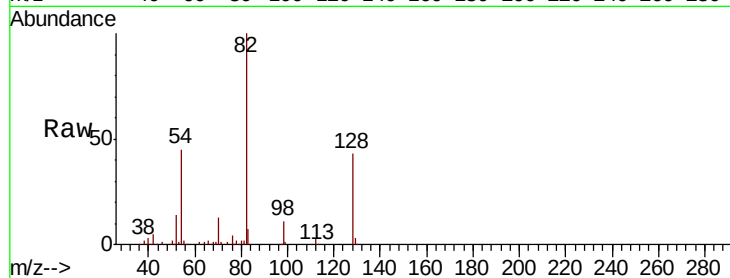
Tot Ion: 82 Resp: 152099

Ion Ratio Lower Upper

82 100

128 43.1 38.2 57.2

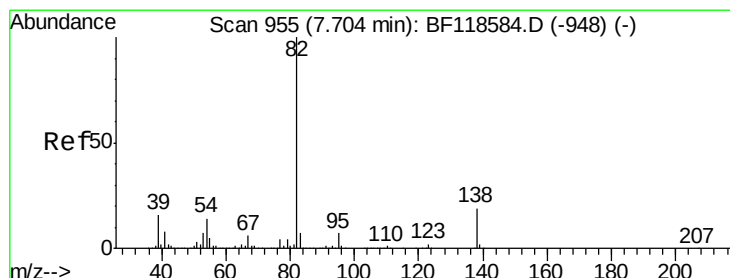
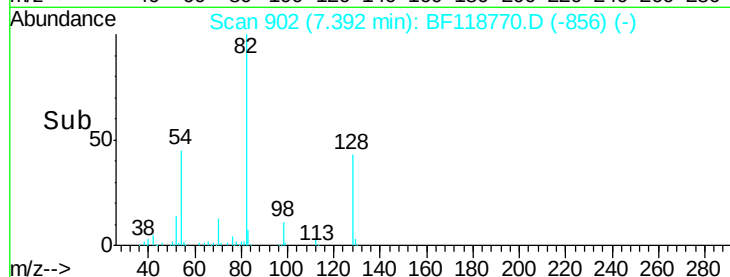
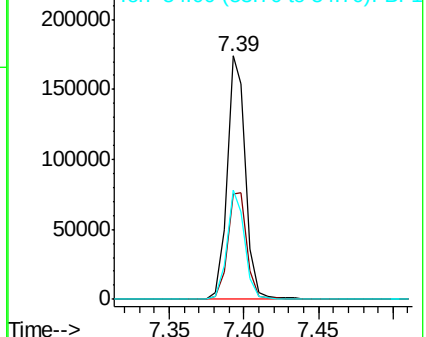
54 44.8 36.1 54.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 5.362 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.29 min

Lab File: BF118770.D

Acq: 30 Jan 2020 23:52

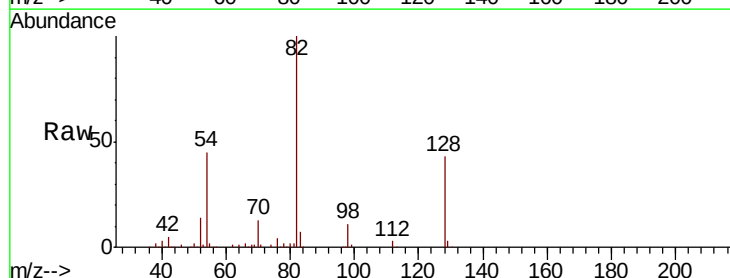
Tgt Ion: 82 Resp: 150295

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

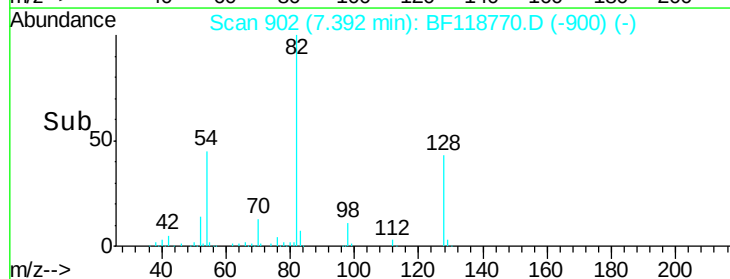
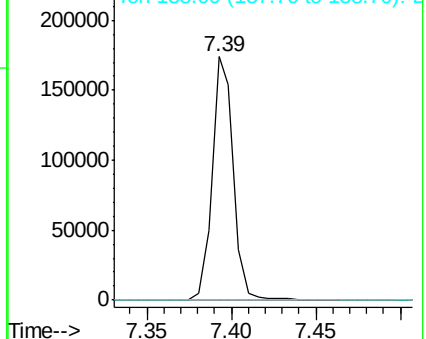
138 0.0 15.8 23.8#

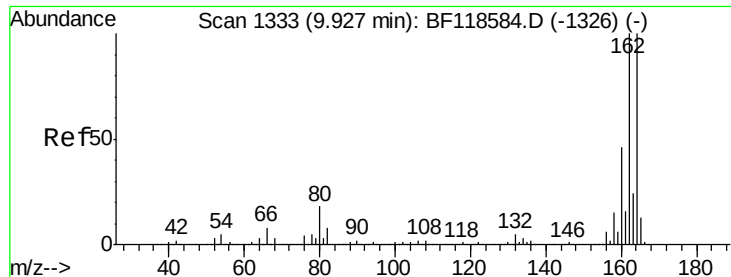


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

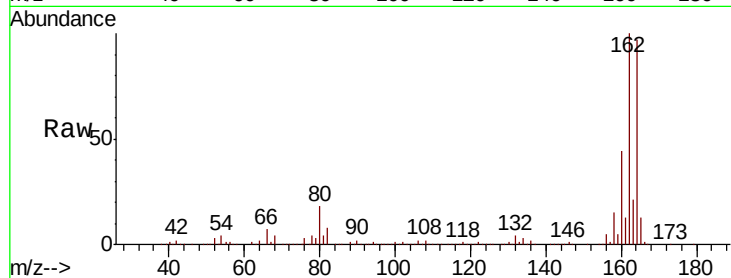




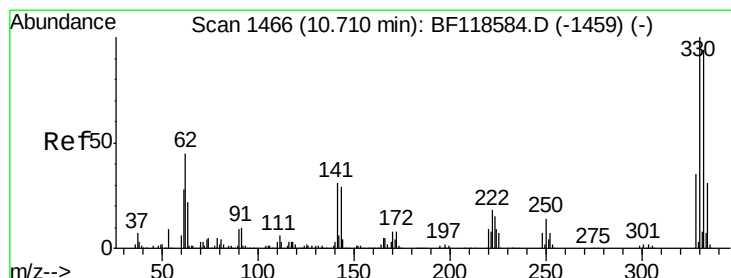
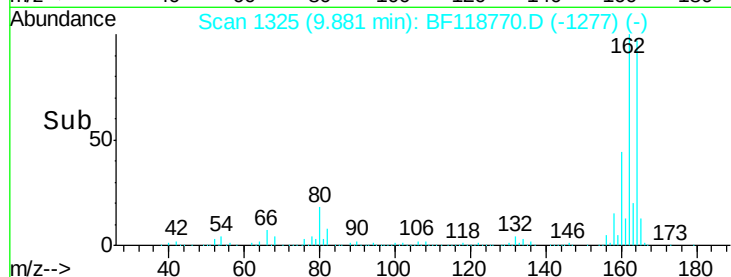
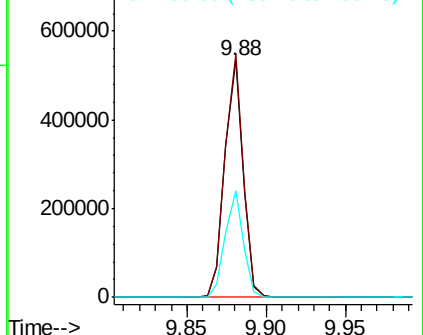
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF118770.D
 Acq: 30 Jan 2020 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.8	121.2
160	44.8	35.4	53.0

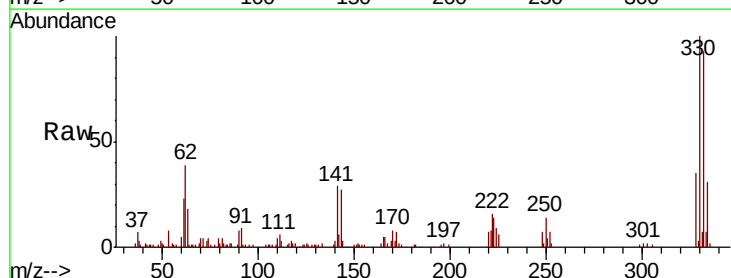


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

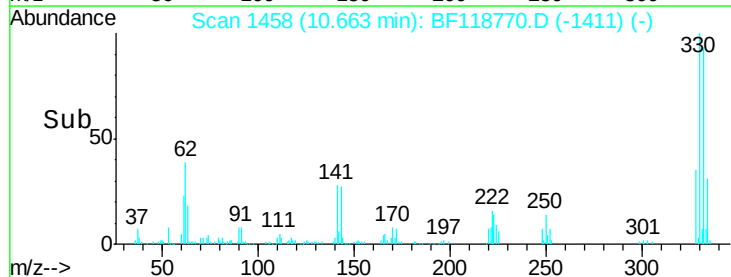
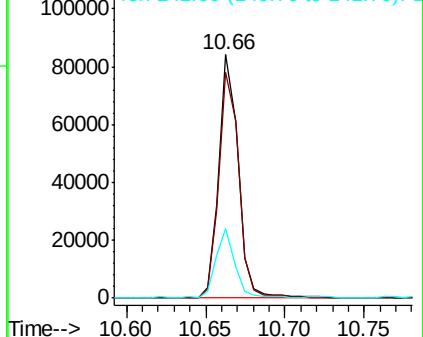


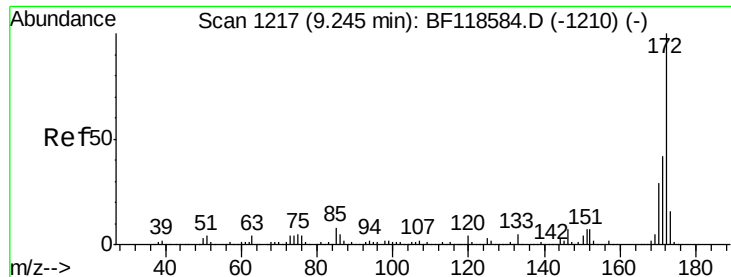
#42
 2,4,6-Tribromophenol
 Concen: 14.421 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF118770.D
 Acq: 30 Jan 2020 23:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	29.1	22.2	33.2



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

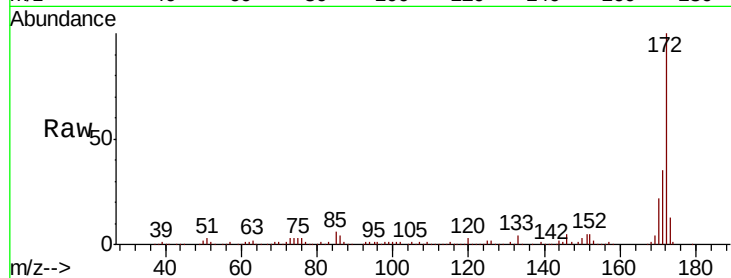




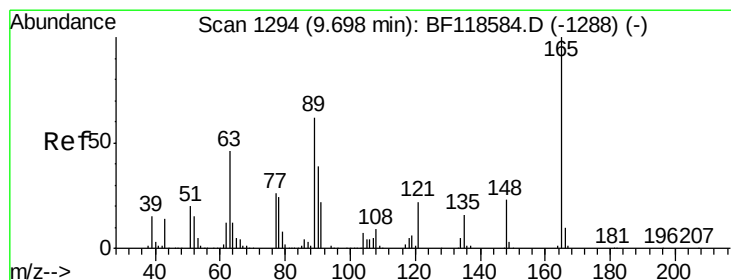
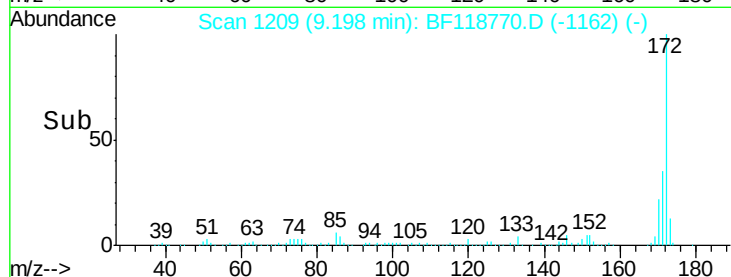
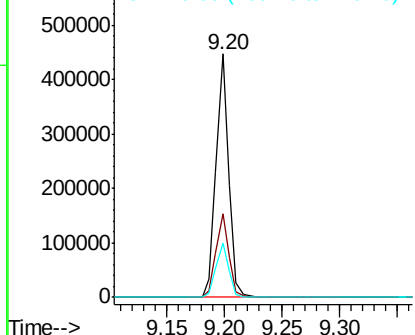
#45
 2-Fluorobiphenyl
 Concen: 13.000 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF118770.D
 Acq: 30 Jan 2020 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 338344
 Ion Ratio Lower Upper
 172 100
 171 34.6 31.0 46.4
 170 22.2 20.7 31.1

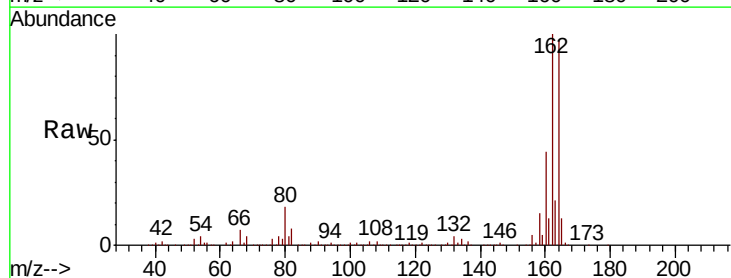


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

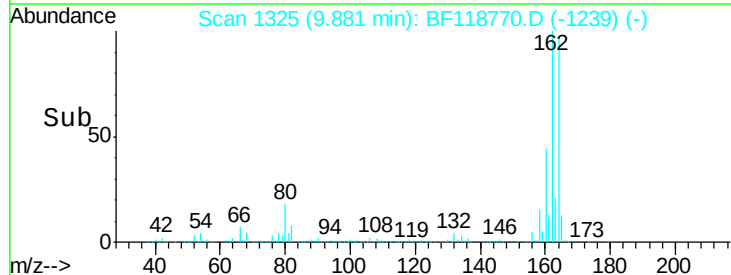
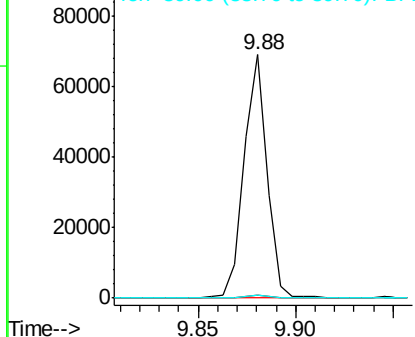


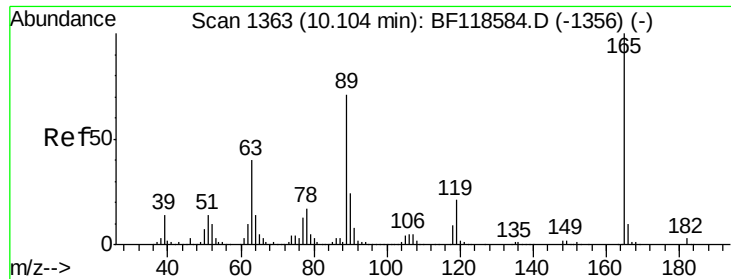
#51
 2,6-Dinitrotoluene
 Concen: 9.022 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF118770.D
 Acq: 30 Jan 2020 23:52

Tgt Ion:165 Resp: 56308
 Ion Ratio Lower Upper
 165 100
 63 1.0 39.8 59.6#
 89 1.3 41.4 62.2#



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

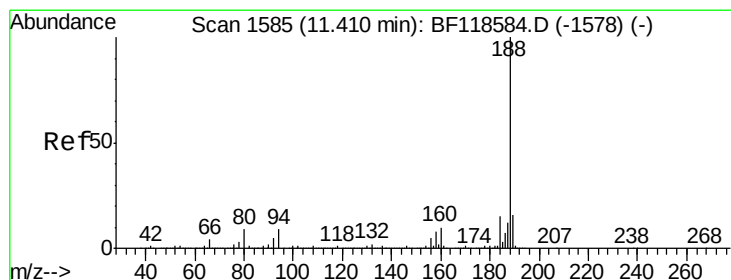
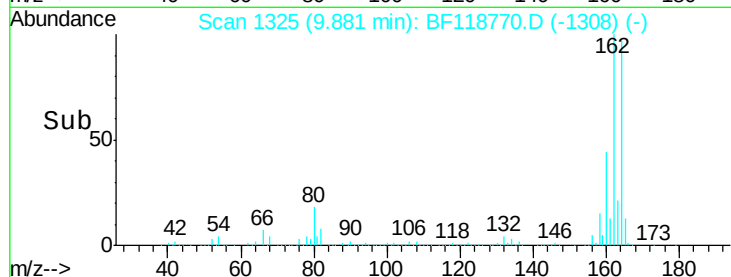
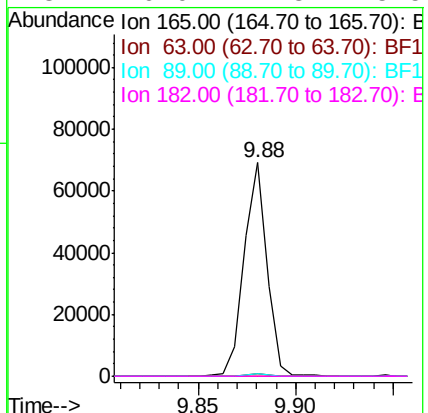
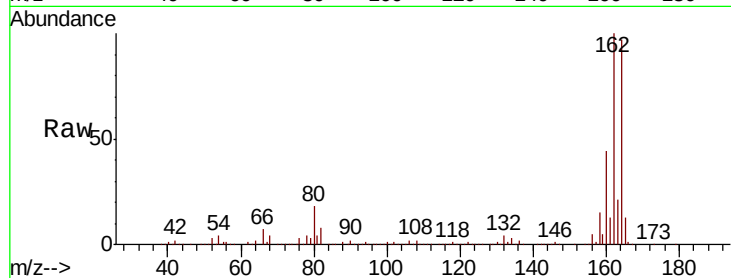




#57
 2,4-Dinitrotoluene
 Concen: 7.157 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF118770.D
 Acq: 30 Jan 2020 23:52

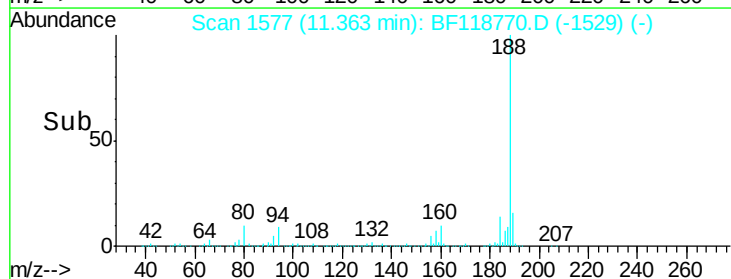
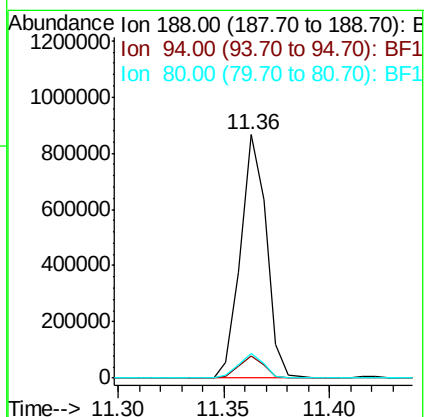
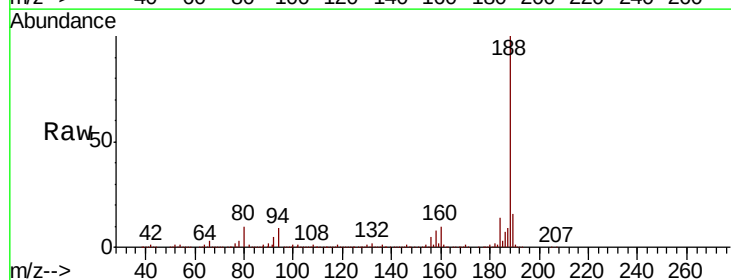
Instrument :
 BNA_F
 ClientSampleId :

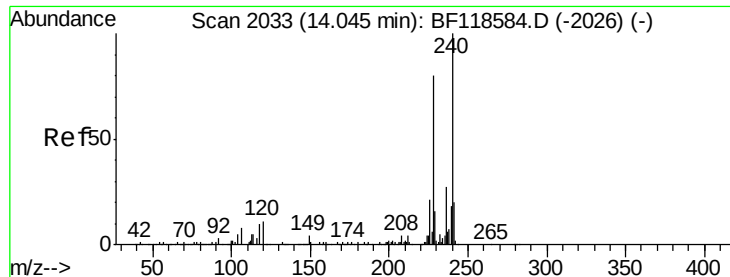
Tot Ion:165	Resp:	56308
Ion Ratio	Lower	Upper
165	100	
63	1.0	28.5 42.7#
89	1.3	50.4 75.6#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF118770.D
 Acq: 30 Jan 2020 23:52

Tgt Ion:188	Resp:	733564
Ion Ratio	Lower	Upper
188	100	
94	9.2	7.4 11.2
80	10.0	7.8 11.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF118770.D

Acq: 30 Jan 2020 23:52

Instrument :

BNA_F

ClientSampleId :

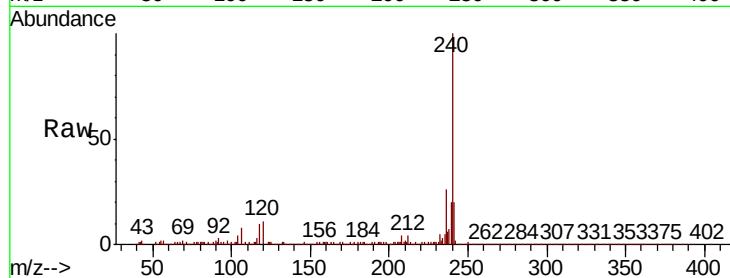
Tot Ion:240 Resp: 672204

Ion Ratio Lower Upper

240 100

120 11.1 7.6 11.4

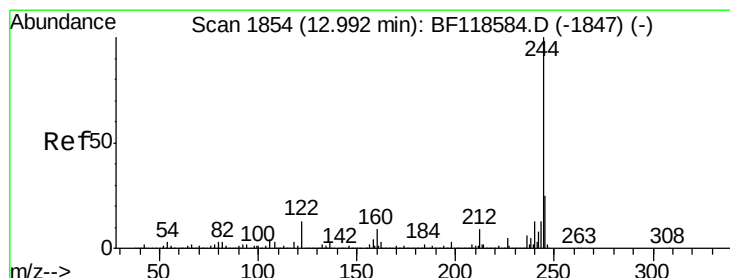
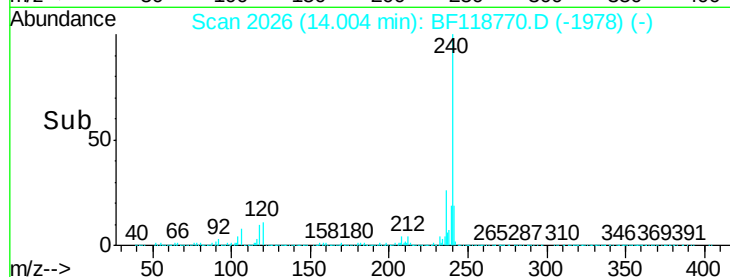
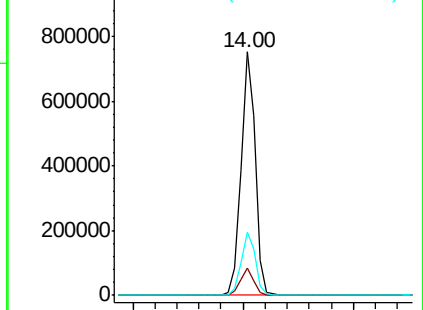
236 26.0 21.0 31.4



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: 12.432 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF118770.D

Acq: 30 Jan 2020 23:52

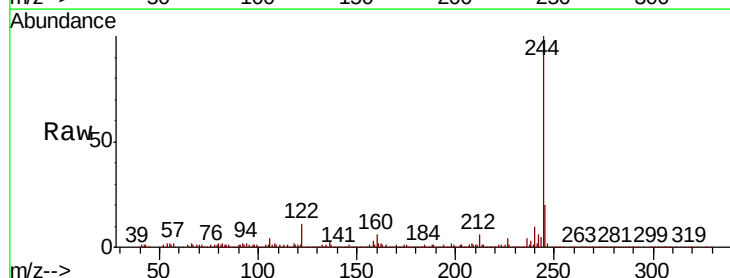
Tgt Ion:244 Resp: 383145

Ion Ratio Lower Upper

244 100

212 6.1 6.3 9.5#

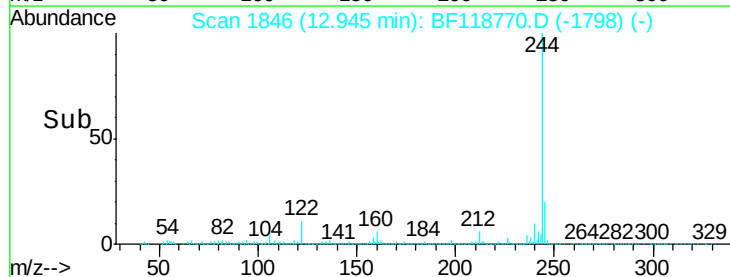
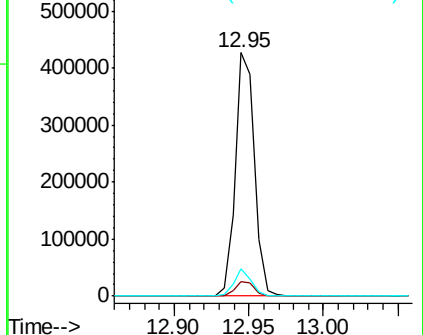
122 11.0 9.2 13.8

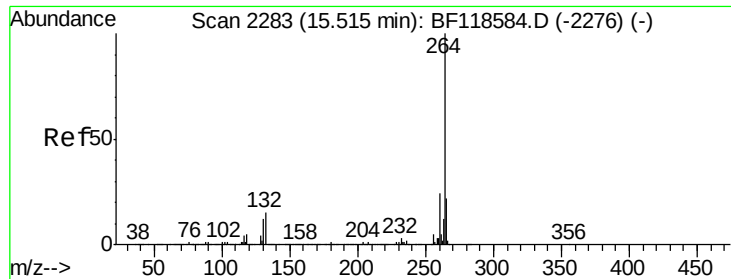


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

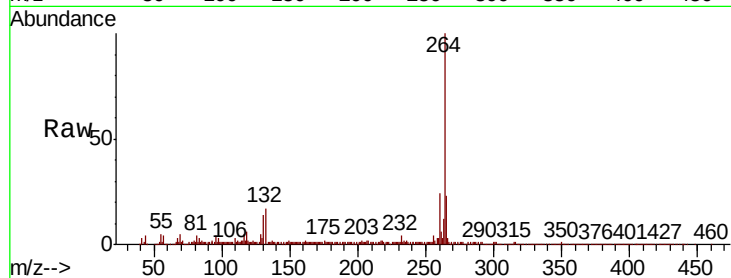




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF118770.D
Acq: 30 Jan 2020 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	22.8	17.0	25.6



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

