

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110652.D
 Acq On : 10 Nov 2018 2:37
 Operator : JU/SJ
 Sample : J5887-15 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:26:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

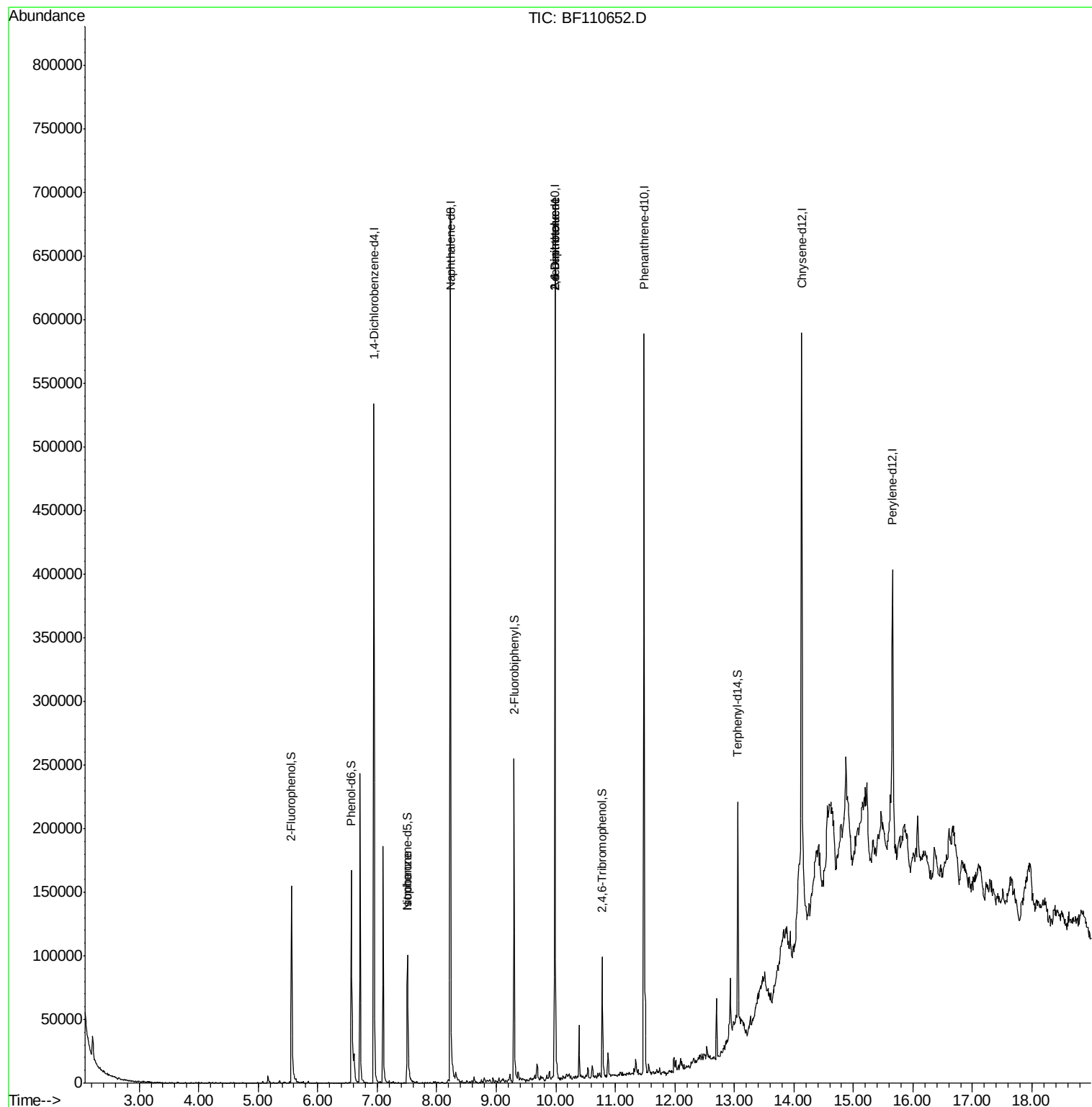
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	79878	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	323323	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	133407	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	199572	20.00	ng	0.00
76) Chrysene-d12	14.13	240	145904	20.00	ng	0.00
87) Perylene-d12	15.66	264	103712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	57556	11.70	ng	0.00
7) Phenol-d6	6.56	99	76630	12.19	ng	-0.01
23) Nitrobenzene-d5	7.51	82	44423	7.91	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	11728	8.72	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	82416	8.82	ng	0.00
79) Terphenyl-d14	13.06	244	55230	7.09	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.71	77	1236	Below Cal		Qvalue 94
25) Isophorone	7.51	82	44423	4.828 ng	#	67
51) 2,6-Dinitrotoluene	9.99	165	16533	7.550 ng	#	23
57) 2,4-Dinitrotoluene	9.99	165	16533	5.807 ng	#	19

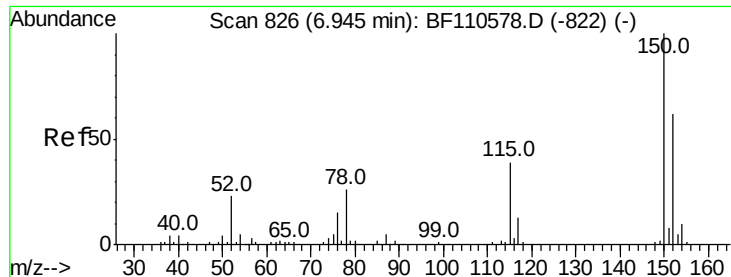
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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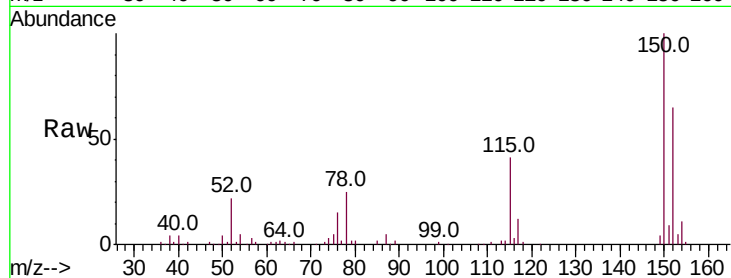


#1

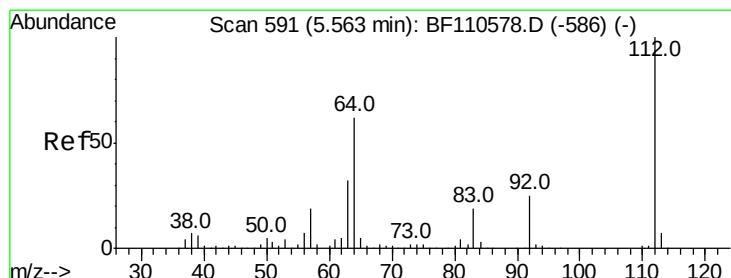
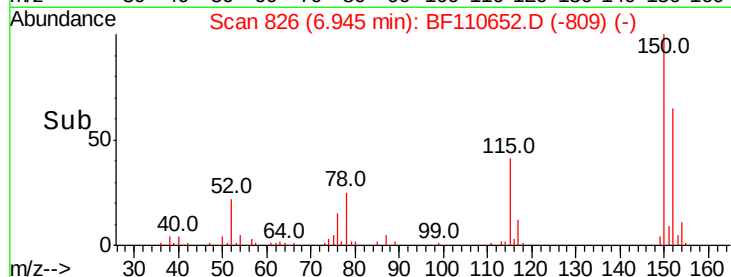
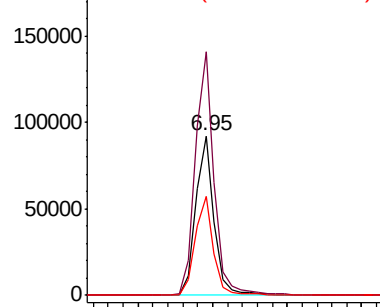
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110652.D
Acq: 10 Nov 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79878
Ion Ratio Lower Upper
152 100
150 152.9 122.7 184.1
115 62.4 49.1 73.7



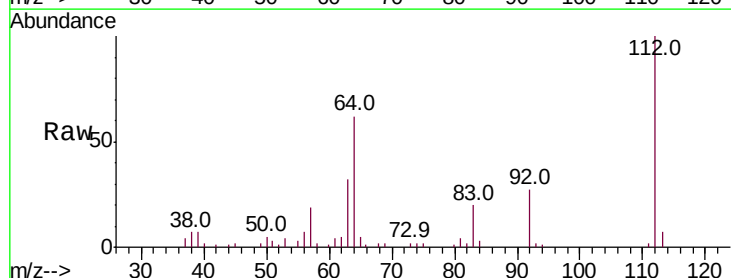
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



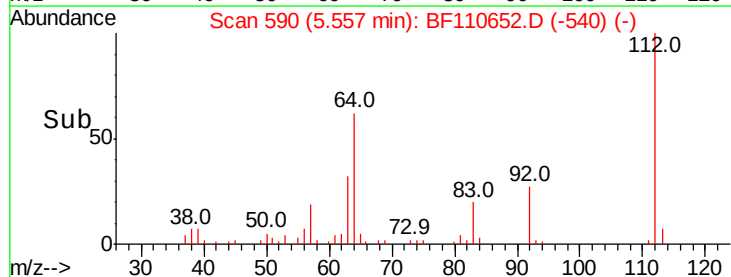
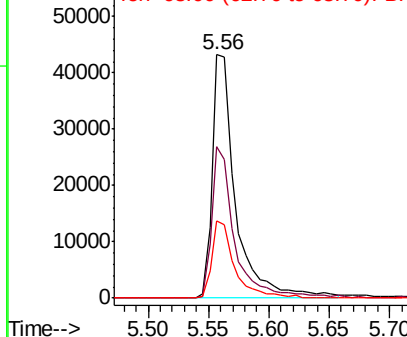
#5

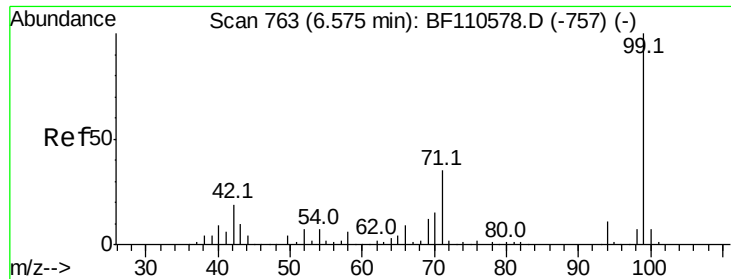
2-Fluorophenol
Concen: 11.704 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110652.D
Acq: 10 Nov 2018 2:37

Tgt Ion:112 Resp: 57556
Ion Ratio Lower Upper
112 100
64 62.3 44.1 66.1
63 31.9 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: 12.186 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110652.D

Acq: 10 Nov 2018 2:37

Instrument :

BNA_F

ClientSampleId :

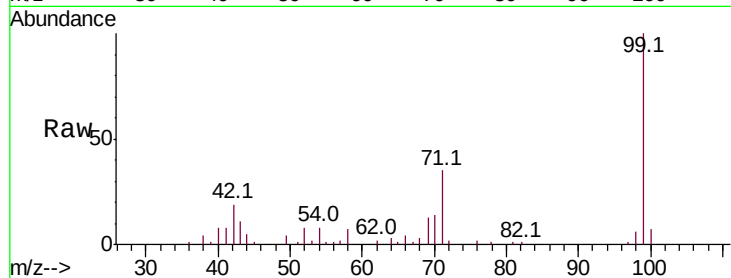
Tot Ion: 99 Resp: 76630

Ion Ratio Lower Upper

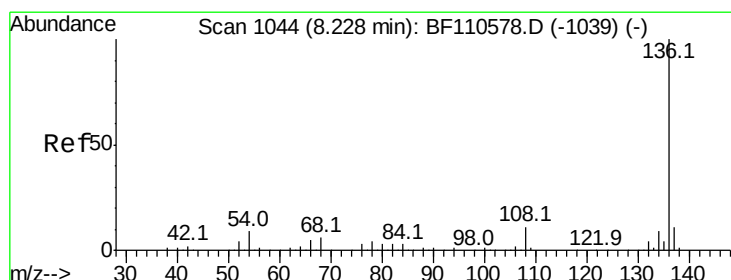
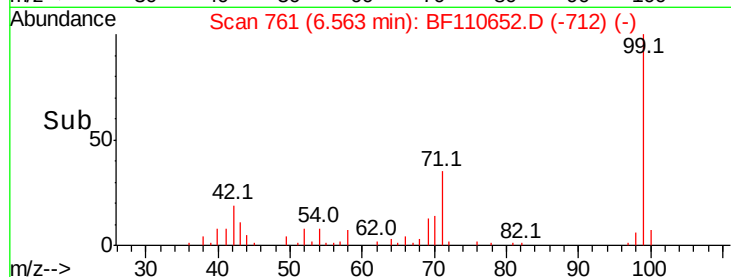
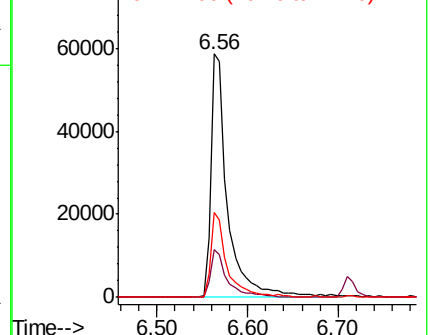
99 100

42 19.5 15.8 23.6

71 34.8 28.0 42.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110652.D

Acq: 10 Nov 2018 2:37

Tgt Ion: 136 Resp: 323323

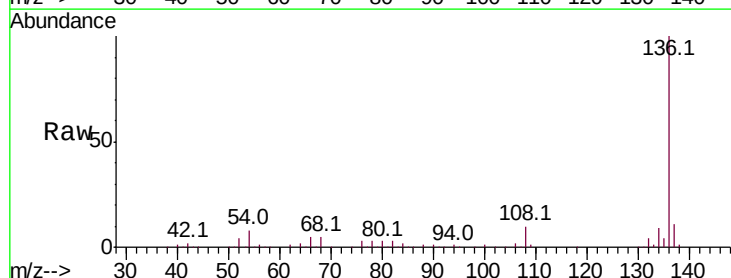
Ion Ratio Lower Upper

136 100

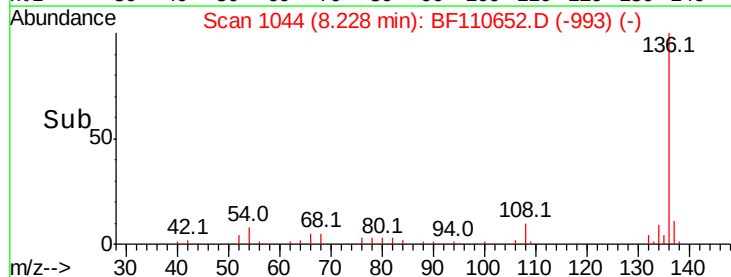
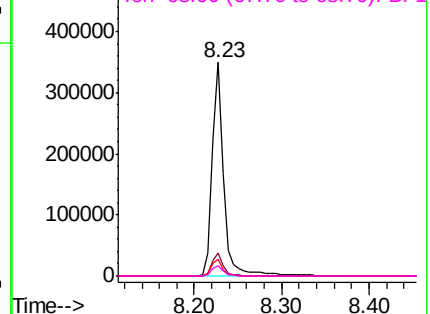
137 10.8 8.8 13.2

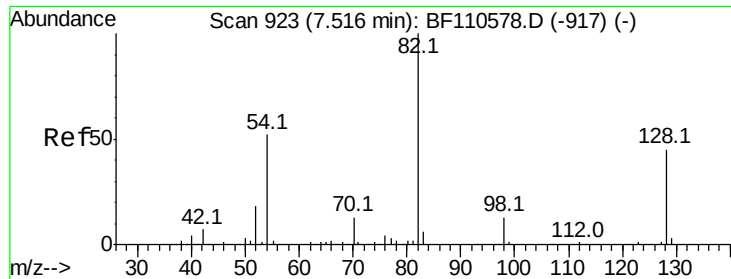
54 7.8 5.4 8.2

68 5.1 4.2 6.2



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

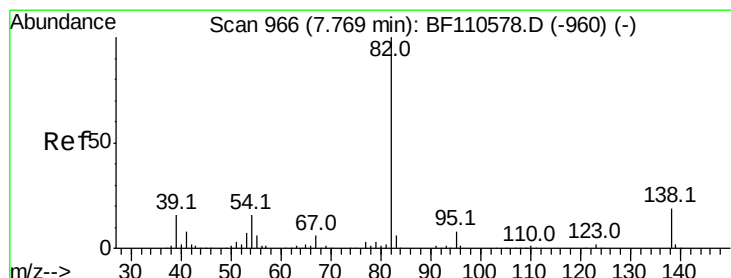
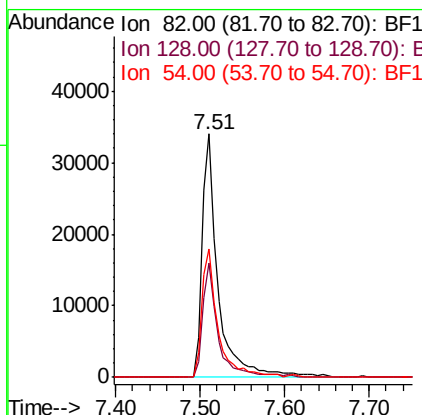
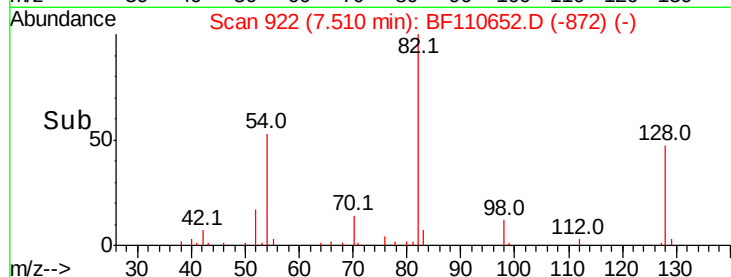
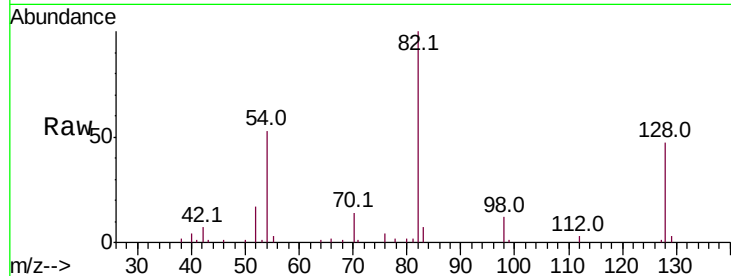




#23
Nitrobenzene-d5
Concen: 7.913 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110652.D
Acq: 10 Nov 2018 2:37

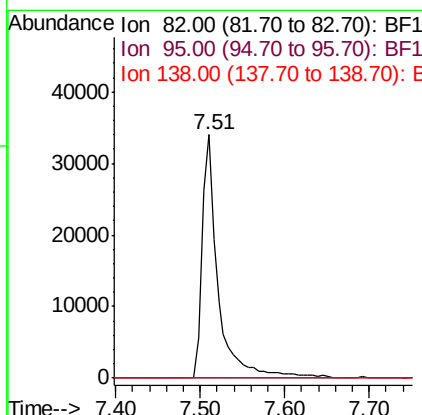
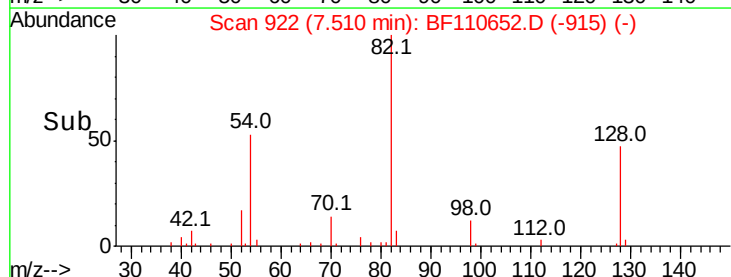
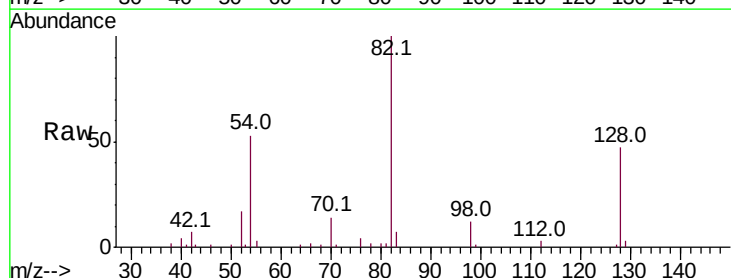
Instrument :
BNA_F
ClientSampled :

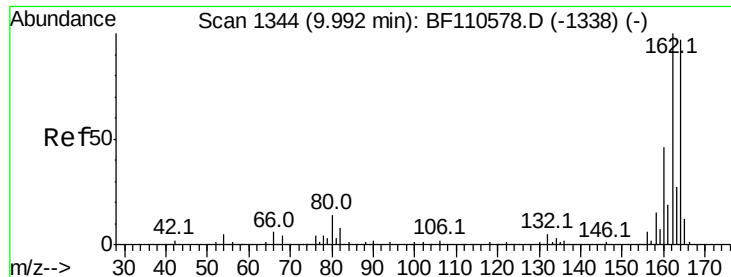
Tot Ion: 82 Resp: 44423
Ion Ratio Lower Upper
82 100
128 47.2 34.2 51.2
54 52.6 38.6 58.0



#25
Isophorone
Concen: 4.828 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110652.D
Acq: 10 Nov 2018 2:37

Tgt Ion: 82 Resp: 44423
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

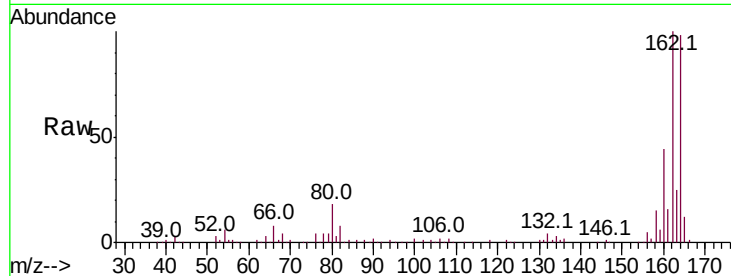




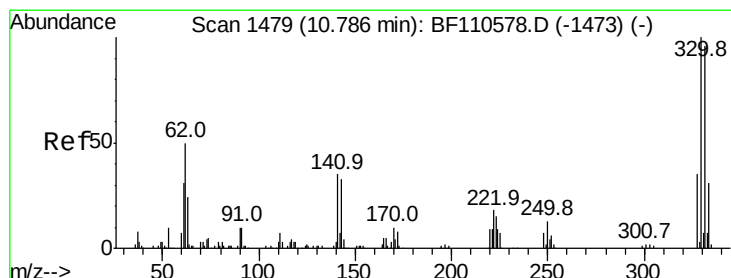
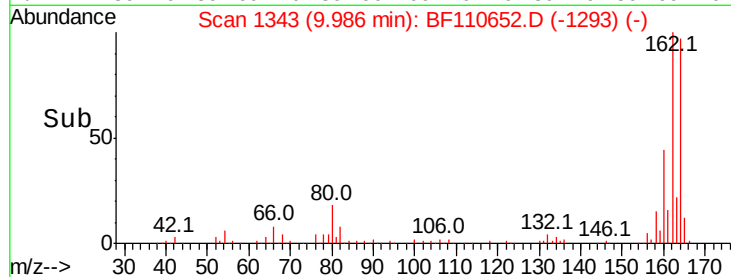
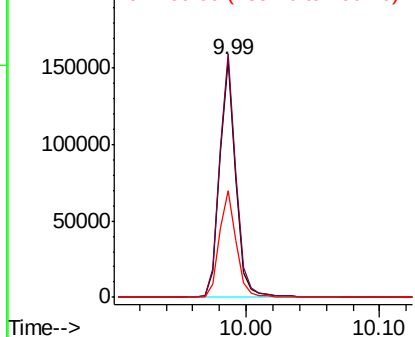
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110652.D
Acq: 10 Nov 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 133407
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.6
160 44.7 37.0 55.6

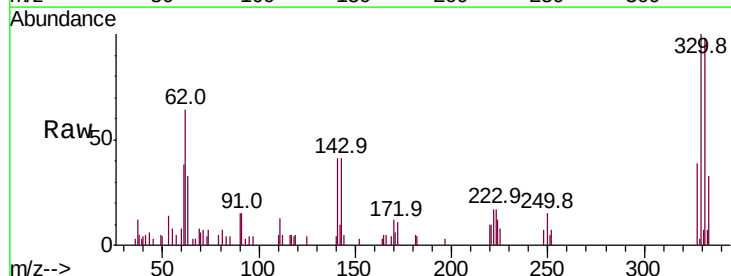


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

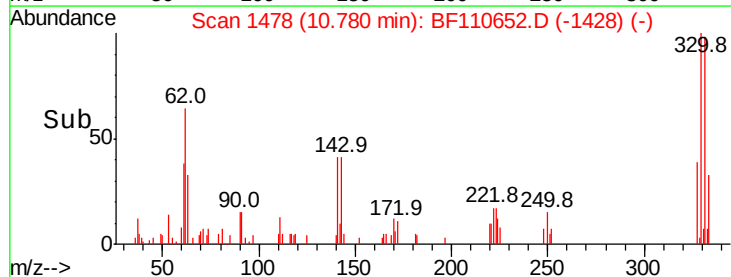
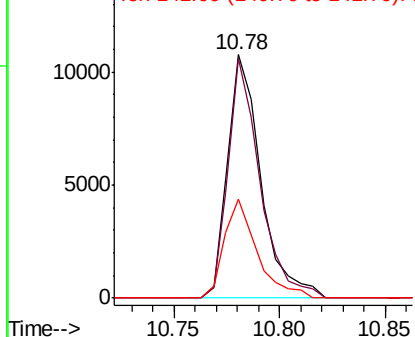


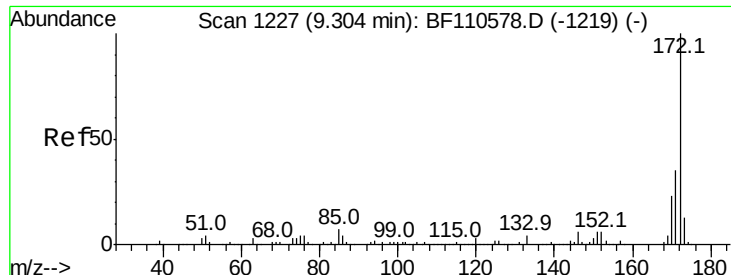
#42
2,4,6-Tribromophenol
Concen: 8.725 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110652.D
Acq: 10 Nov 2018 2:37

Tgt Ion:330 Resp: 11728
Ion Ratio Lower Upper
330 100
332 94.0 77.1 115.7
141 39.9 27.0 40.4



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

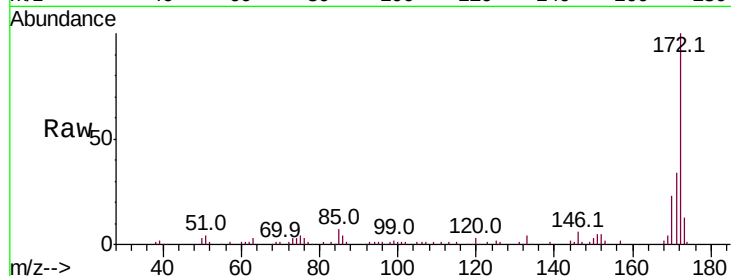




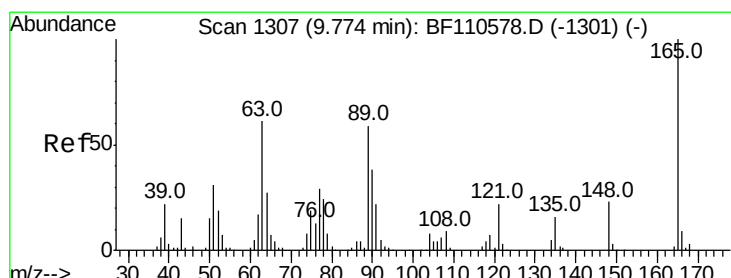
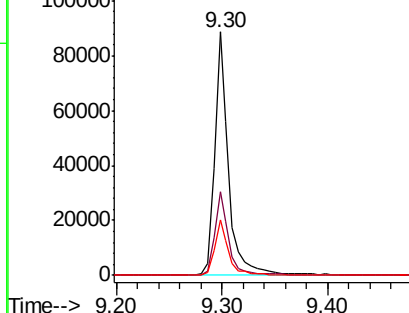
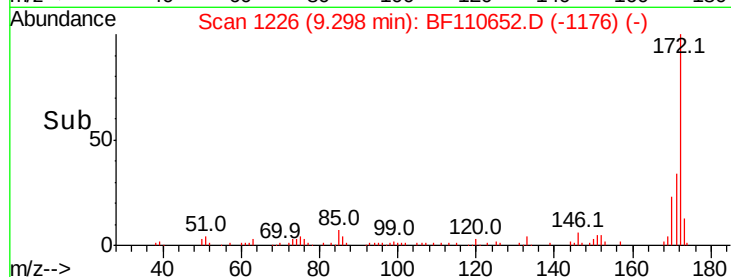
#45
 2-Fluorobiphenyl
 Concen: 8.823 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110652.D
 Acq: 10 Nov 2018 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 82416
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.6 43.0
 170 23.0 19.7 29.5

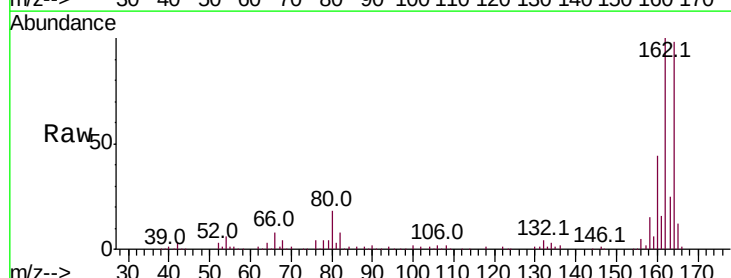


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

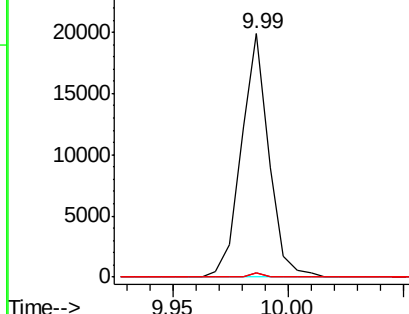
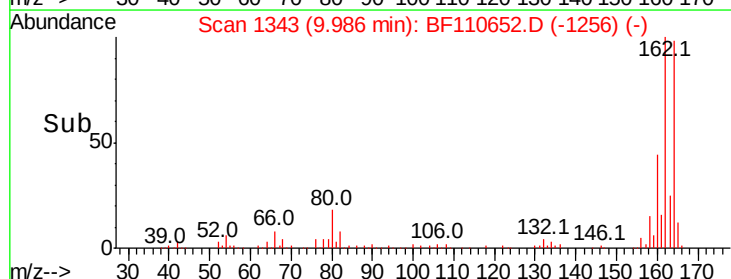


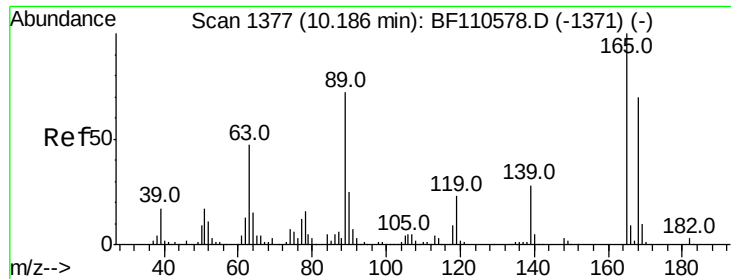
#51
 2,6-Dinitrotoluene
 Concen: 7.550 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110652.D
 Acq: 10 Nov 2018 2:37

Tgt Ion:165 Resp: 16533
 Ion Ratio Lower Upper
 165 100
 63 1.5 48.9 73.3#
 89 1.6 46.6 69.8#



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

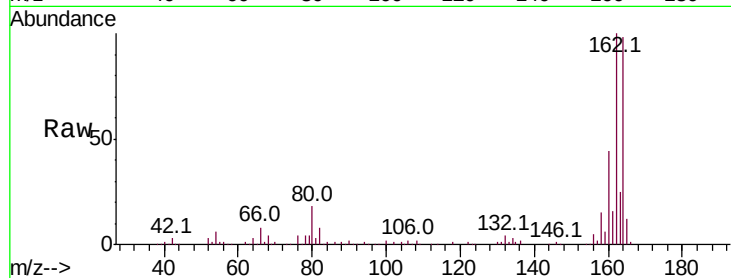




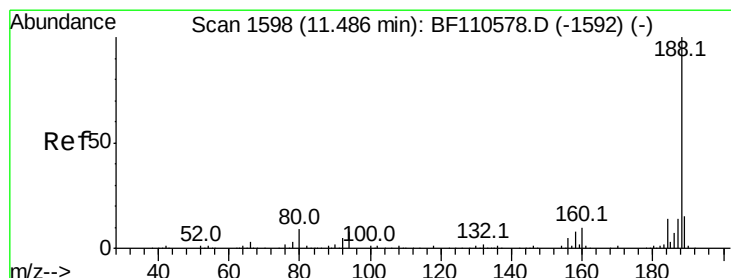
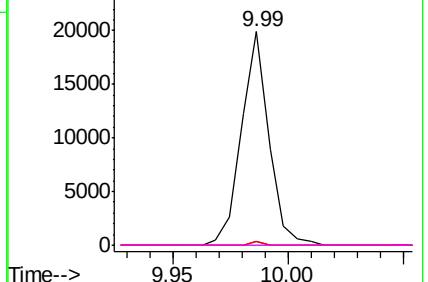
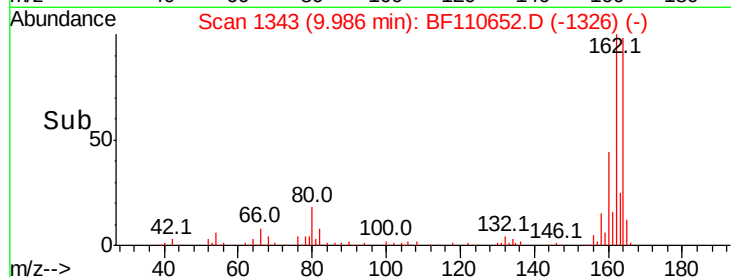
#57
 2,4-Dinitrotoluene
 Concen: 5.807 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110652.D
 Acq: 10 Nov 2018 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16533
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.8 67.2#
 89 1.6 62.2 93.4#
 182 0.0 2.1 3.1#

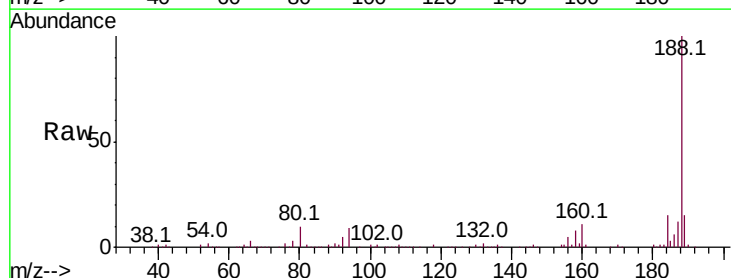


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

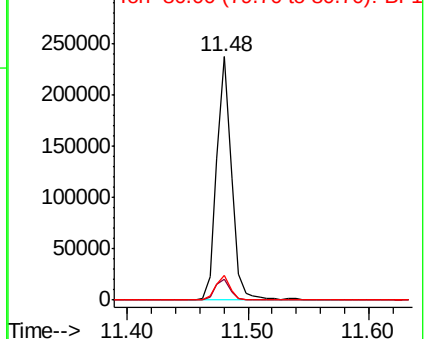
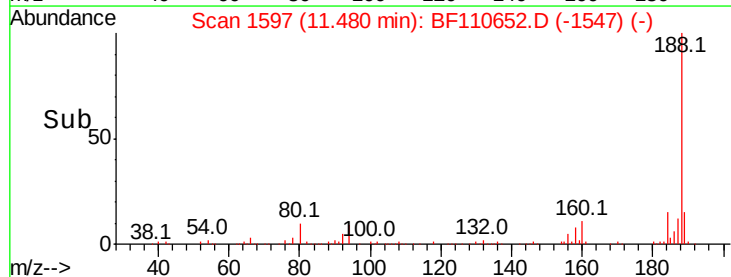


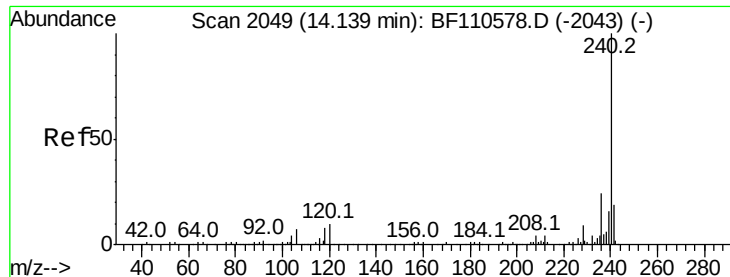
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110652.D
 Acq: 10 Nov 2018 2:37

Tgt Ion:188 Resp: 199572
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.2 10.8
 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110652.D

Acq: 10 Nov 2018 2:37

Instrument :

BNA_F

ClientSampleId :

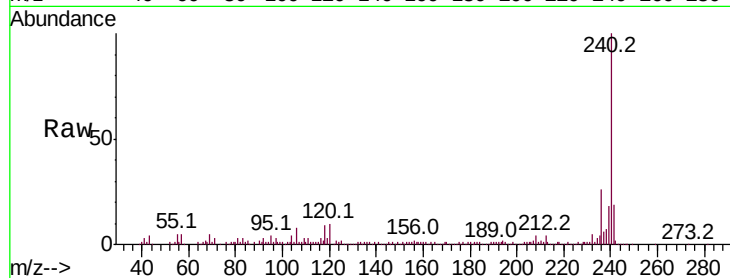
Tot Ion:240 Resp: 145904

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

236 26.1 21.2 31.8

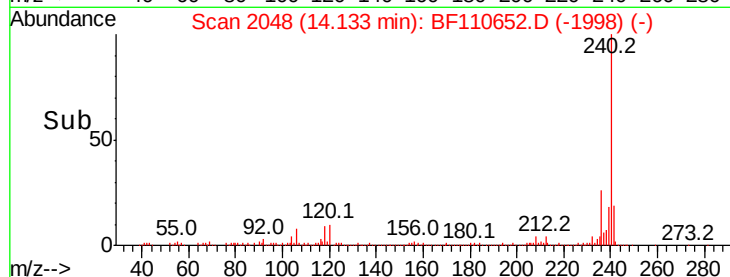


Abundance Ion 240.00 (239.70 to 240.70): E

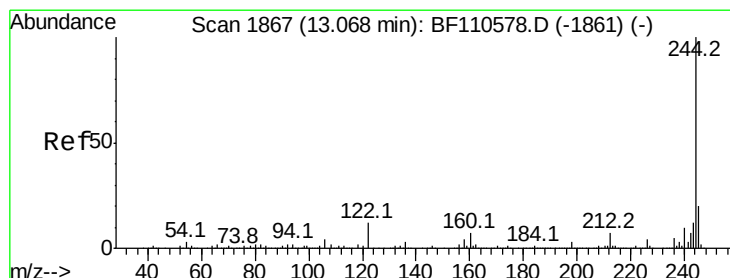
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.13



Time-->



#79

Terphenyl-d14

Concen: 7.089 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110652.D

Acq: 10 Nov 2018 2:37

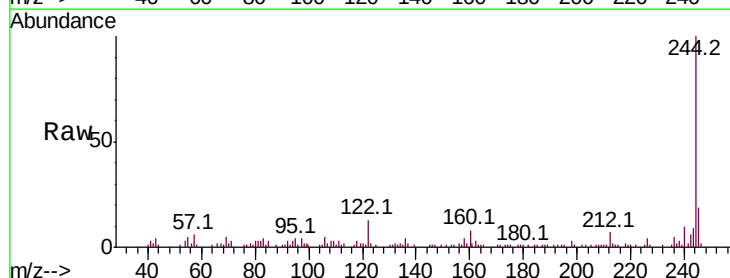
Tgt Ion:244 Resp: 55230

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 12.7 8.7 13.1

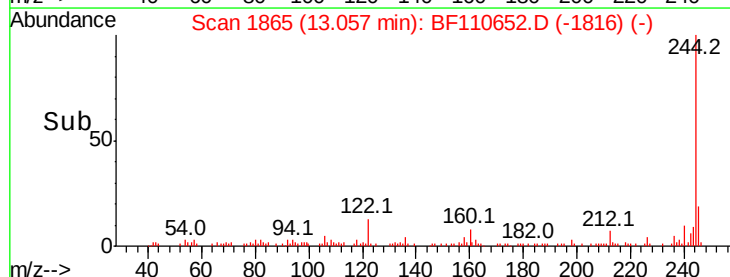


Abundance Ion 244.00 (243.70 to 244.70): E

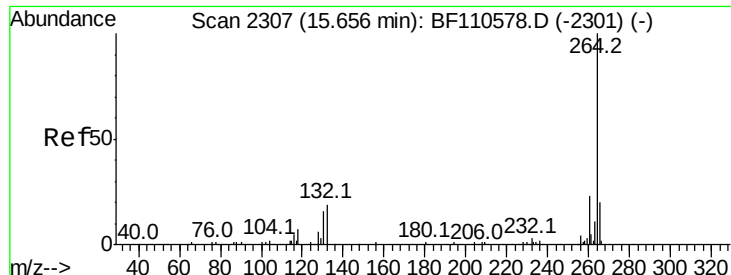
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.06



Time-->



#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110652.D
Acq: 10 Nov 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.8	16.7	25.1

