

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110653.D
 Acq On : 10 Nov 2018 3:04
 Operator : JU/SJ
 Sample : J5884-07 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:26:43 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

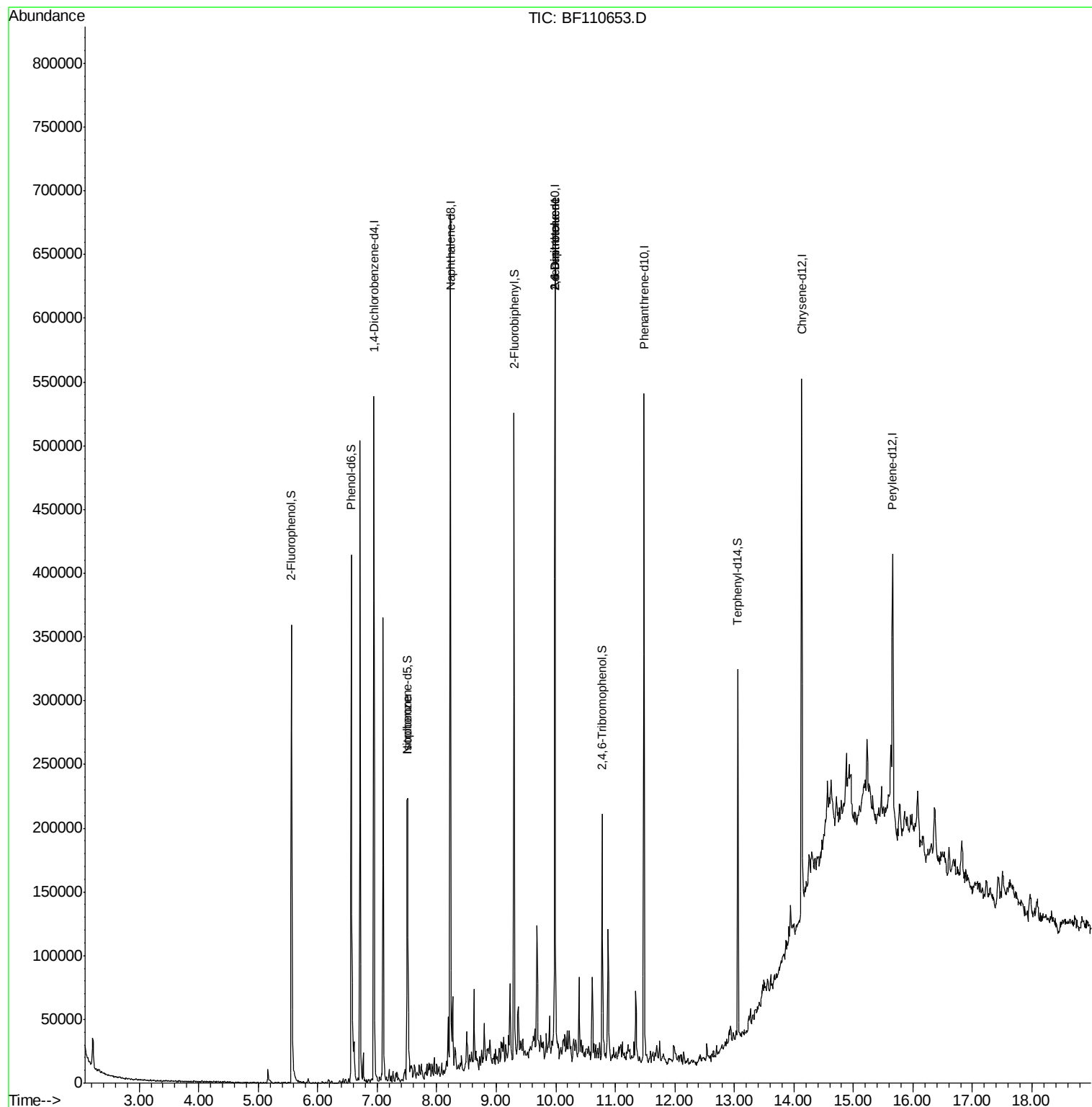
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77789	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	308217	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	121927	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	183054	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146696	20.00	ng	0.00
87) Perylene-d12	15.66	264	101709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	117557	24.55	ng	0.00
7) Phenol-d6	6.56	99	153819	25.12	ng	-0.01
23) Nitrobenzene-d5	7.50	82	87617	16.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	23092	18.80	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	148783	17.43	ng	0.00
79) Terphenyl-d14	13.06	244	98833	12.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	2787	Below Cal	Qvalue	
25) Isophorone	7.50	82	87616	9.988 ng	#	73
51) 2,6-Dinitrotoluene	9.99	165	16458	8.223 ng	#	67
57) 2,4-Dinitrotoluene	9.99	165	16458	6.325 ng	#	23
					#	19

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

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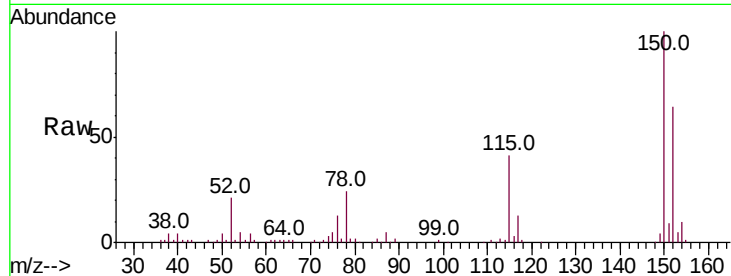


#1

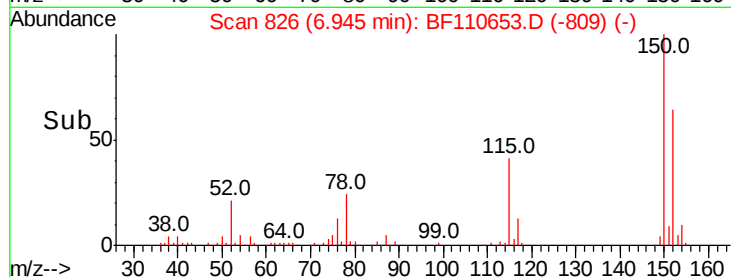
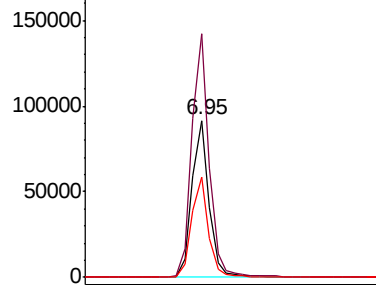
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110653.D
Acq: 10 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.7	184.1
115	63.5	49.1	73.7



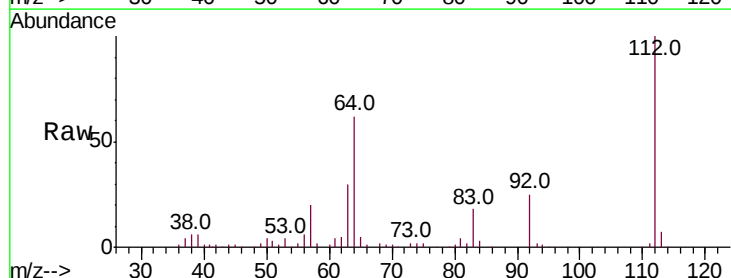
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



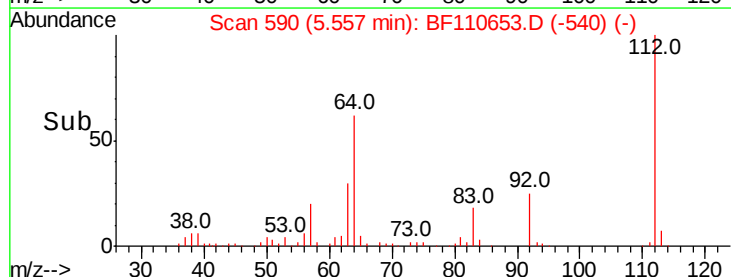
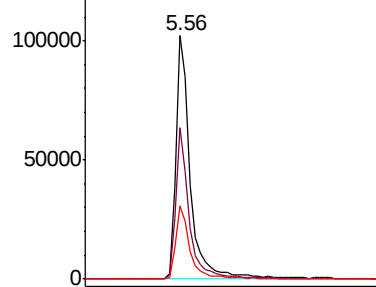
#5

2-Fluorophenol
Concen: 24.547 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110653.D
Acq: 10 Nov 2018 3:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.1	66.1
63	30.3	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: 25.117 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110653.D

Acq: 10 Nov 2018 3:04

Instrument :

BNA_F

ClientSampleId :

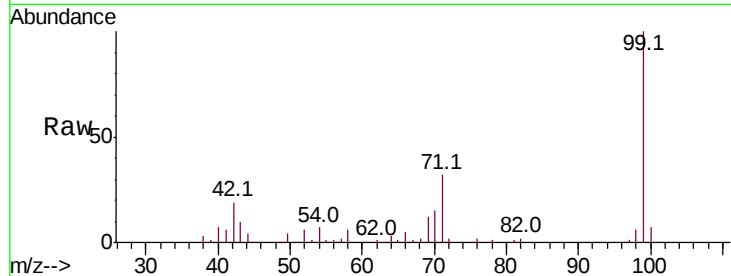
Tot Ion: 99 Resp: 153819

Ion Ratio Lower Upper

99 100

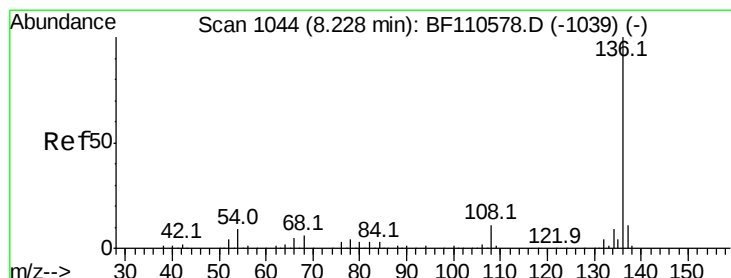
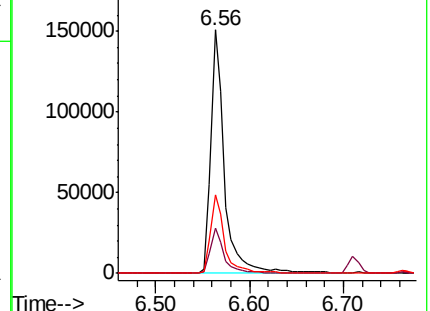
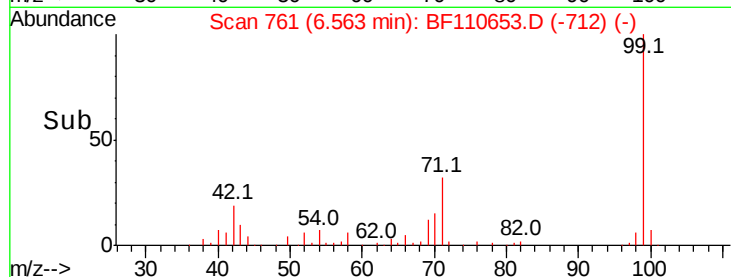
42 18.6 15.8 23.6

71 32.2 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

6.56



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110653.D

Acq: 10 Nov 2018 3:04

Tgt Ion: 136 Resp: 308217

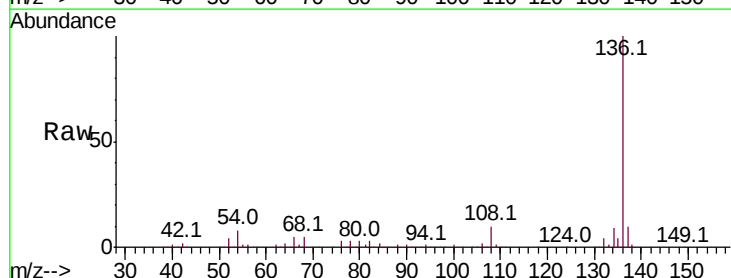
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

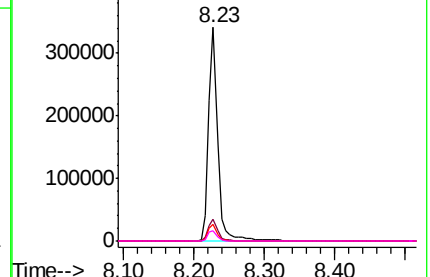
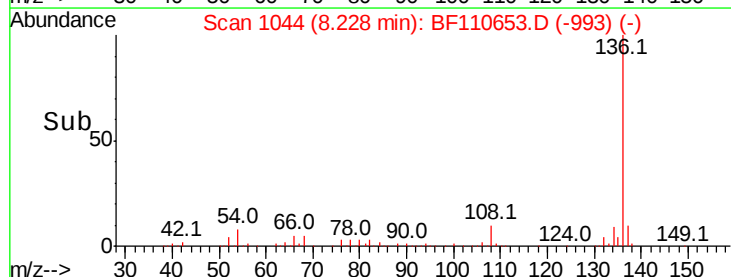
54 7.7 5.4 8.2

68 5.0 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

8.23

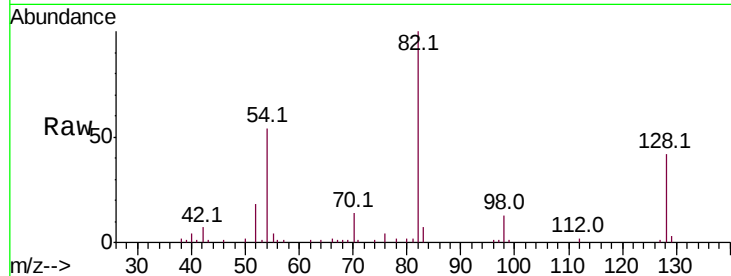




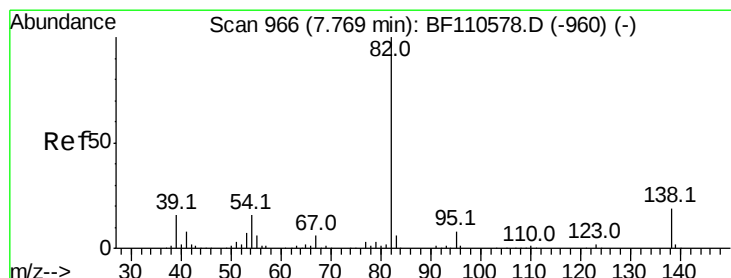
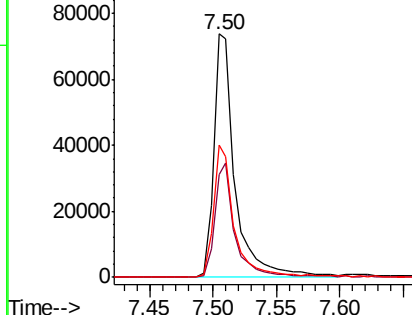
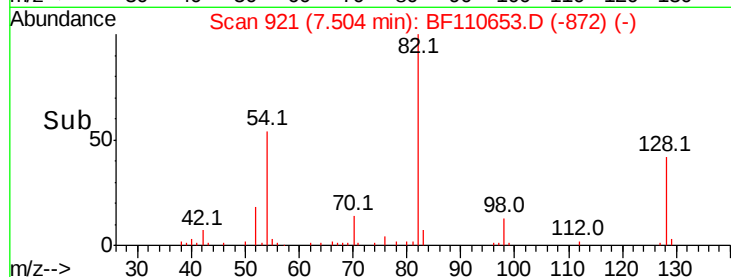
#23
Nitrobenzene-d5
Concen: 16.371 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110653.D
Acq: 10 Nov 2018 3:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.2	51.2
54	54.2	38.6	58.0

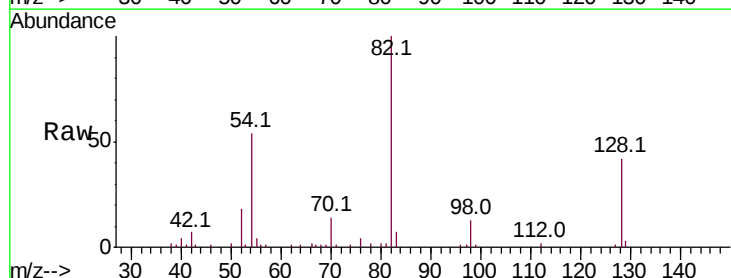


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

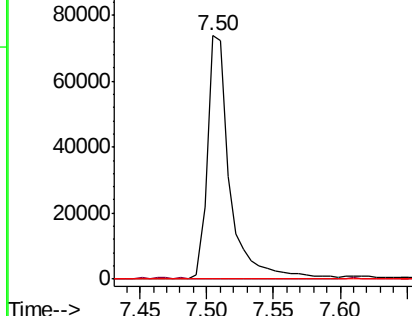
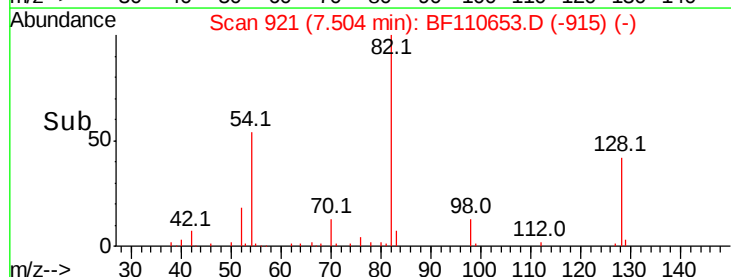


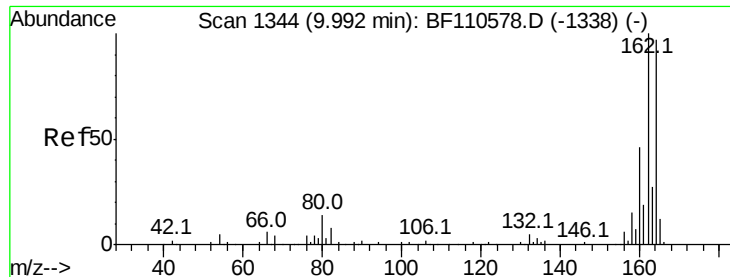
#25
Isophorone
Concen: 9.988 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110653.D
Acq: 10 Nov 2018 3:04

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



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

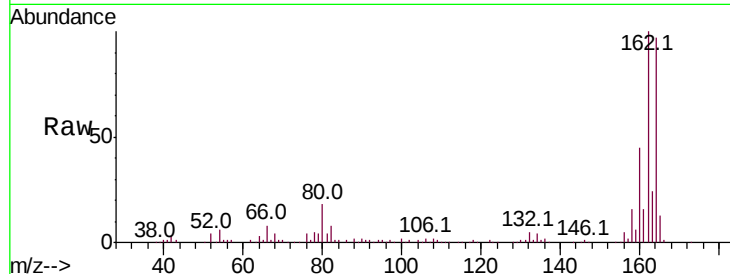




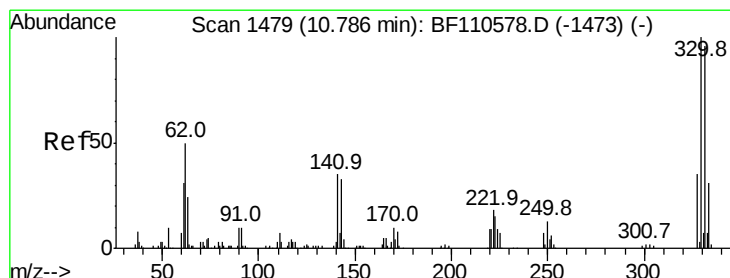
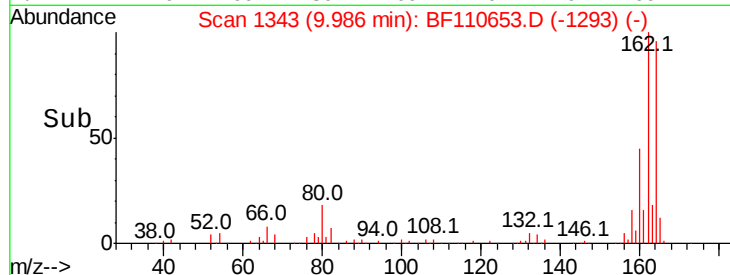
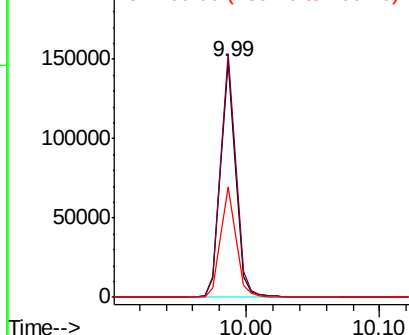
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110653.D
Acq: 10 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	46.8	37.0	55.6

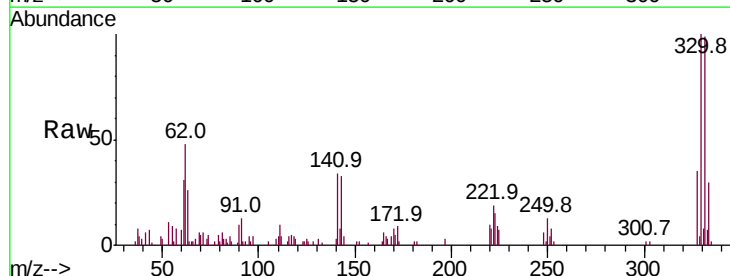


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

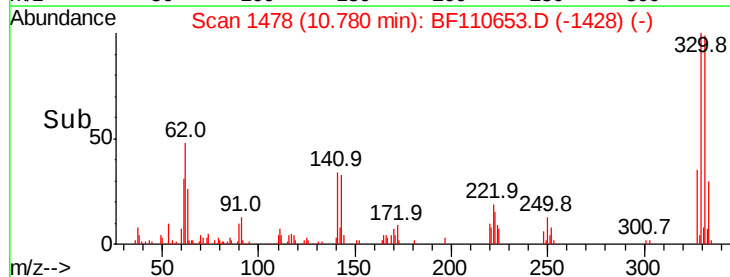
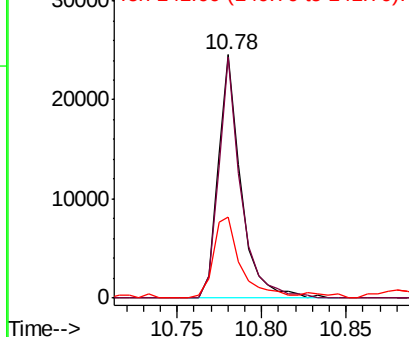


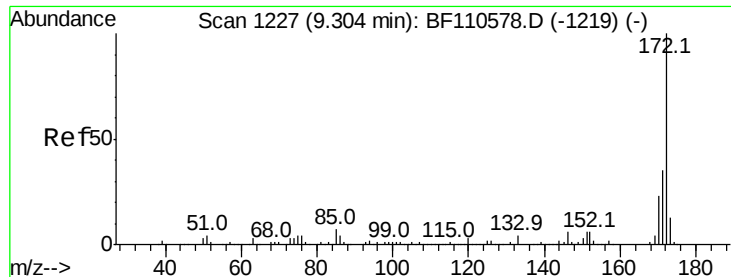
#42
2,4,6-Tribromophenol
Concen: 18.796 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110653.D
Acq: 10 Nov 2018 3:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	40.4	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

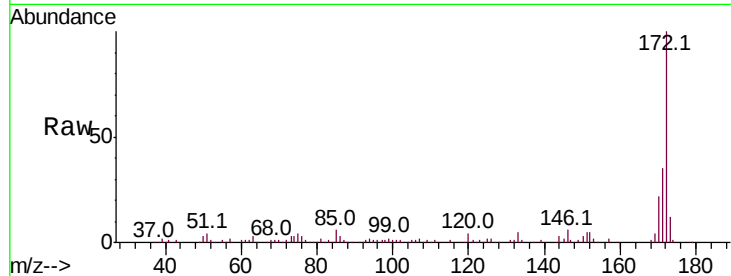




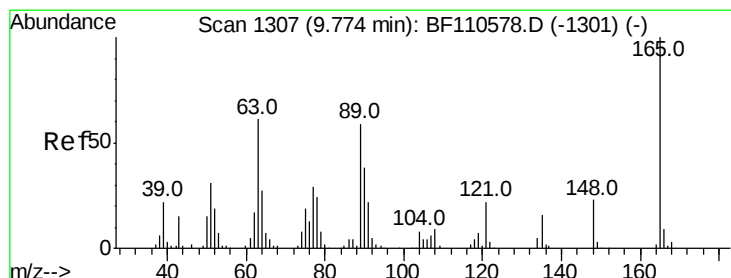
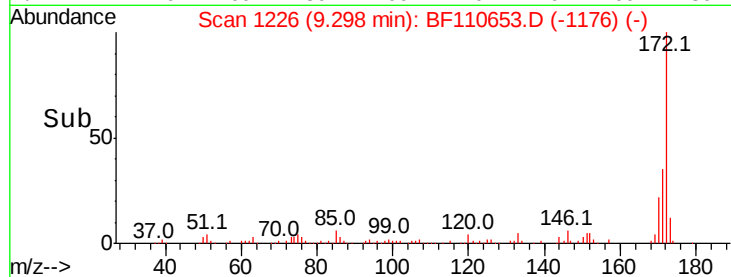
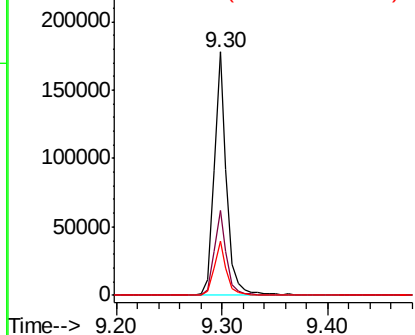
#45
2-Fluorobiphenyl
Concen: 17.428 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110653.D
Acq: 10 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 148783
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 22.4 19.7 29.5

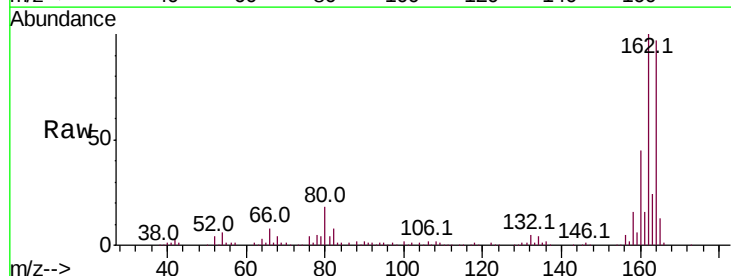


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

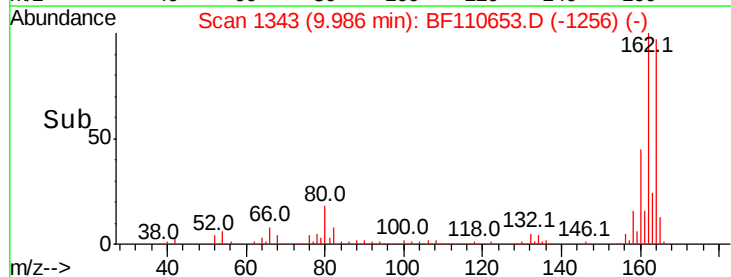
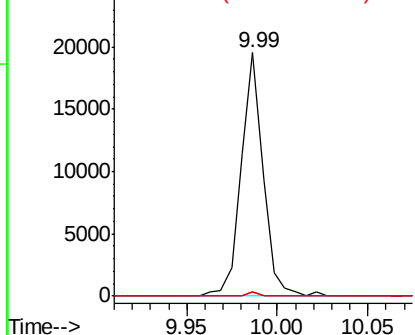


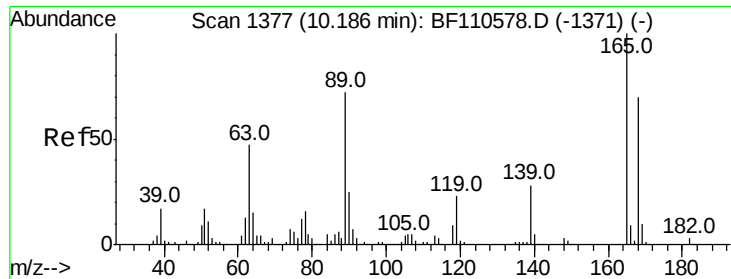
#51
2,6-Dinitrotoluene
Concen: 8.223 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110653.D
Acq: 10 Nov 2018 3:04

Tgt Ion:165 Resp: 16458
Ion Ratio Lower Upper
165 100
63 1.7 48.9 73.3#
89 1.9 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

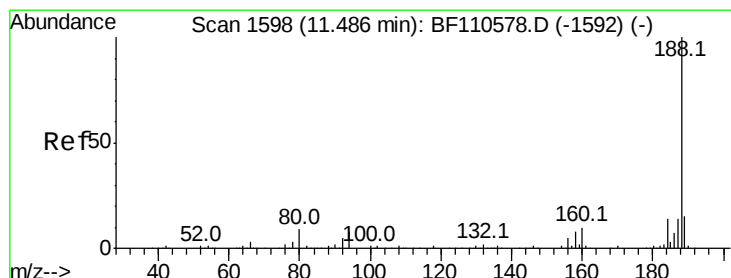
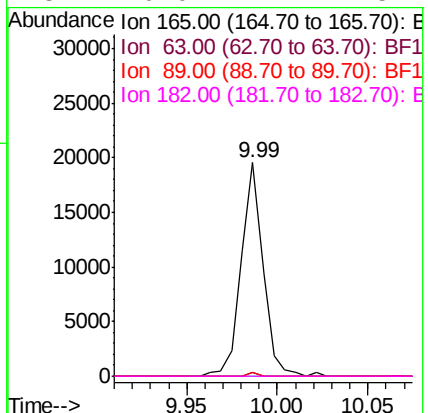
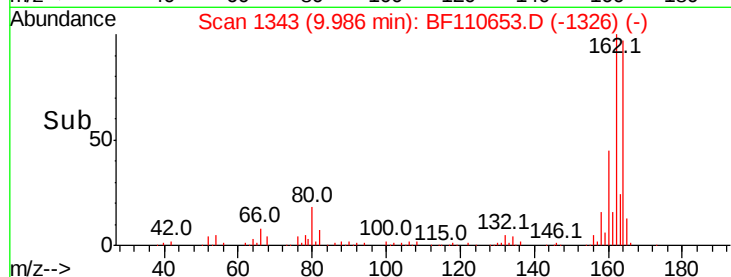
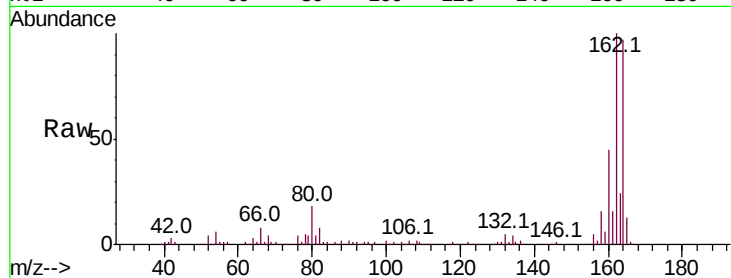




#57
 2,4-Dinitrotoluene
 Concen: 6.325 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110653.D
 Acq: 10 Nov 2018 3:04

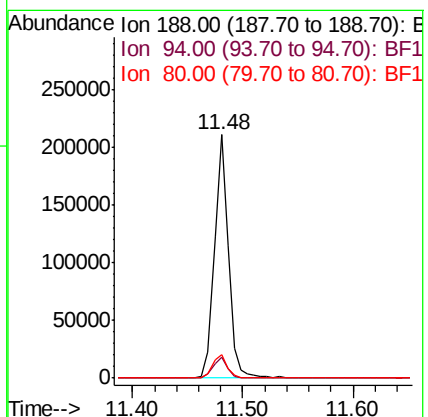
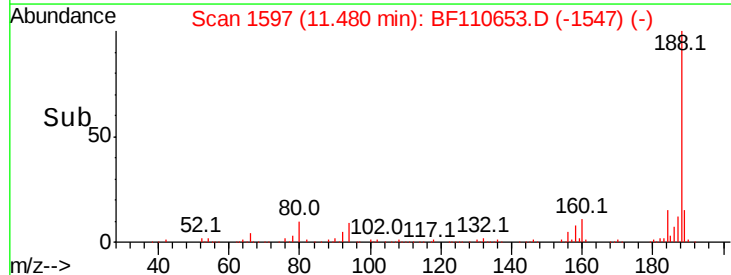
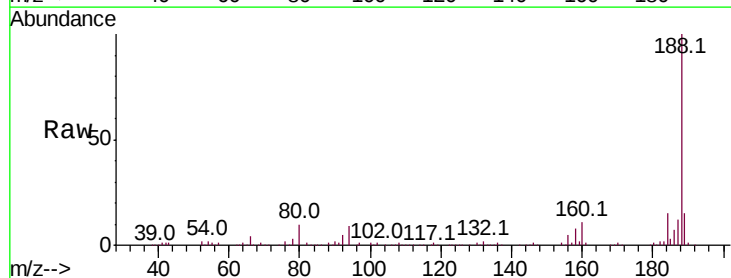
Instrument :
 BNA_F
 ClientSampleId :

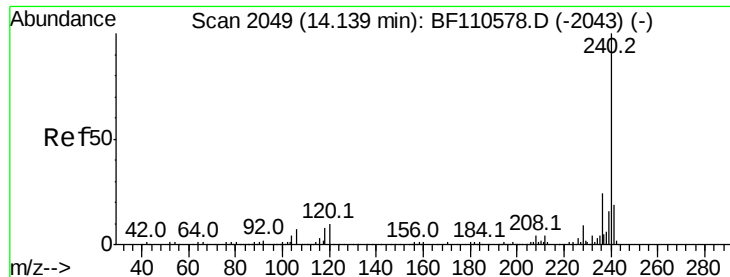
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110653.D
 Acq: 10 Nov 2018 3:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.8	7.9	11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110653.D

Acq: 10 Nov 2018 3:04

Instrument :

BNA_F

ClientSampleId :

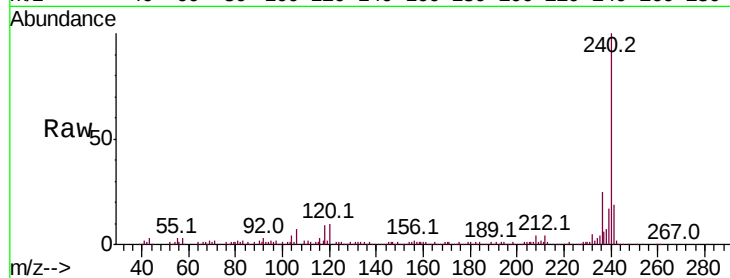
Tot Ion:240 Resp: 146696

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

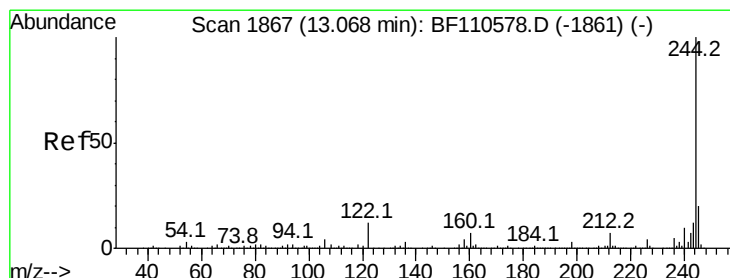
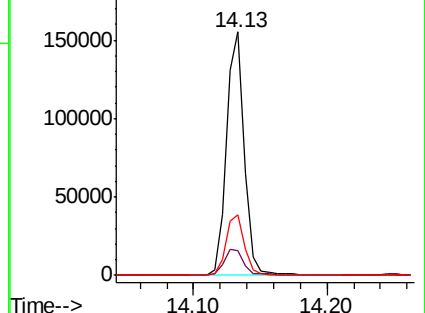
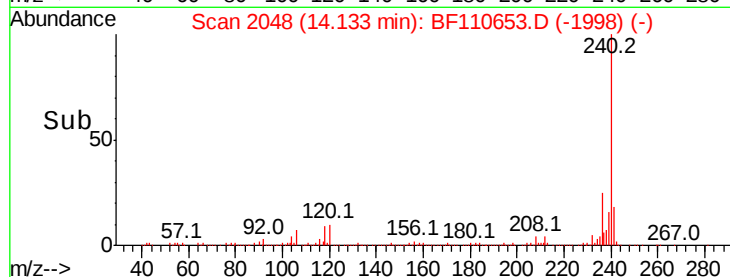
236 25.1 21.2 31.8



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



#79

Terphenyl-d14

Concen: 12.617 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110653.D

Acq: 10 Nov 2018 3:04

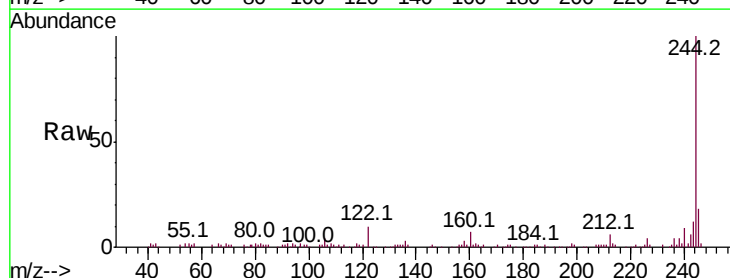
Tgt Ion:244 Resp: 98833

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

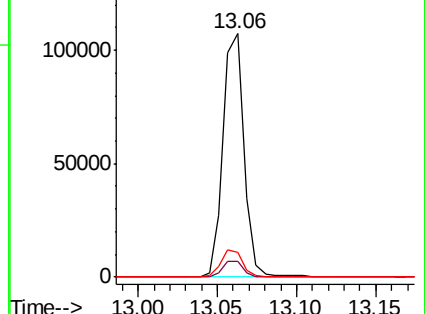
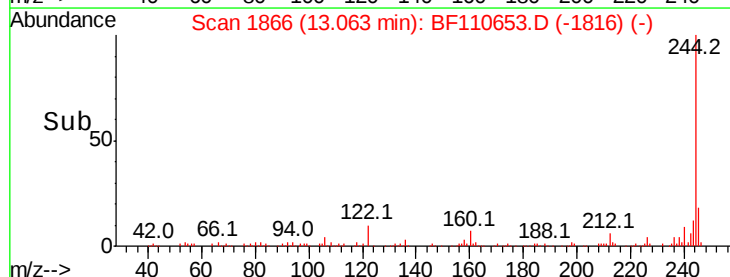
122 10.0 8.7 13.1

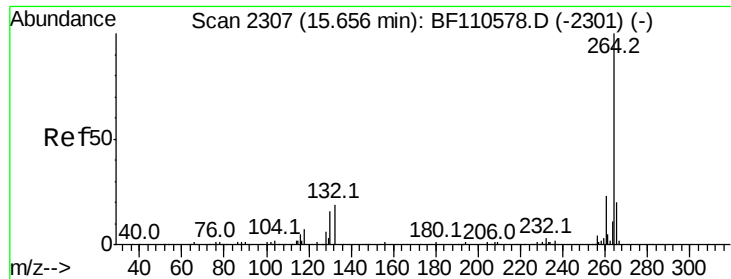


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

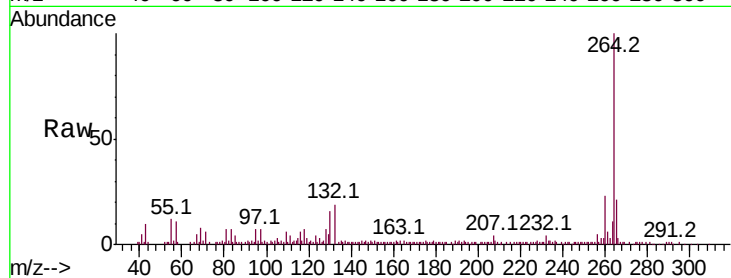




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110653.D
Acq: 10 Nov 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.1	16.7	25.1



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

