

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110619.D
 Acq On : 9 Nov 2018 11:25
 Operator : JU/SJ
 Sample : J5835-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 15:45:08 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

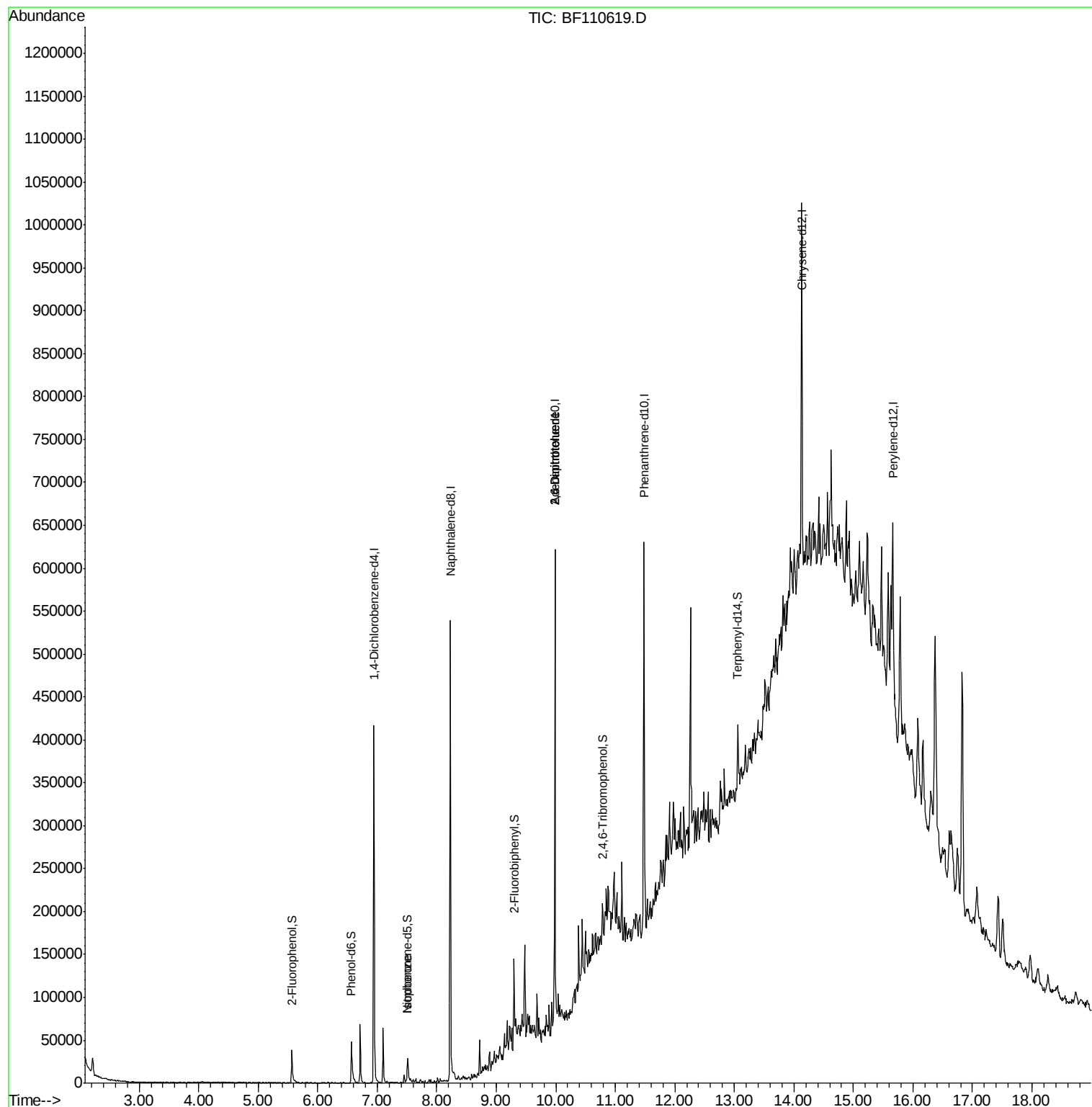
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65137	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	267375	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	106335	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	161809	20.00	ng	0.00
76) Chrysene-d12	14.13	240	137937	20.00	ng	0.00
87) Perylene-d12	15.66	264	108007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	17448	4.35	ng	0.00
7) Phenol-d6	6.57	99	26548	5.18	ng	0.00
23) Nitrobenzene-d5	7.51	82	15941	3.43	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	2380	2.22	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	34916	4.69	ng	0.00
79) Terphenyl-d14	13.06	244	25560	3.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	345	Below Cal		Qvalue # 44
25) Isophorone	7.51	82	15941	2.095	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	13464	7.714	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	13464	5.933	ng	# 17

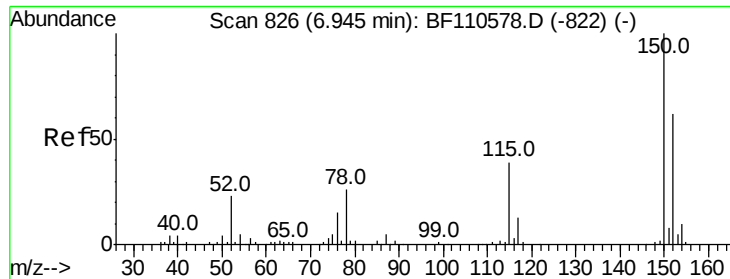
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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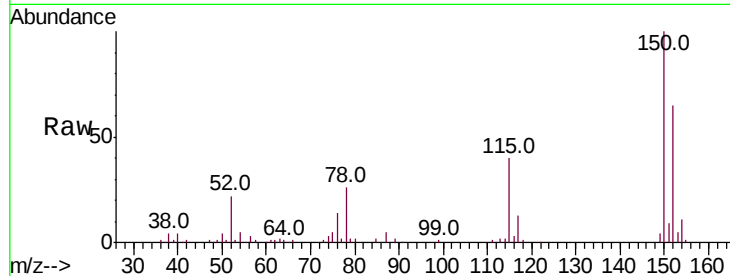


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110619.D
Acq: 9 Nov 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.7	184.1
115	61.0	49.1	73.7

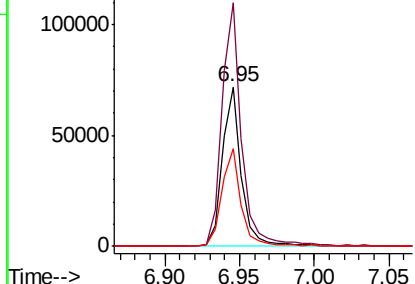
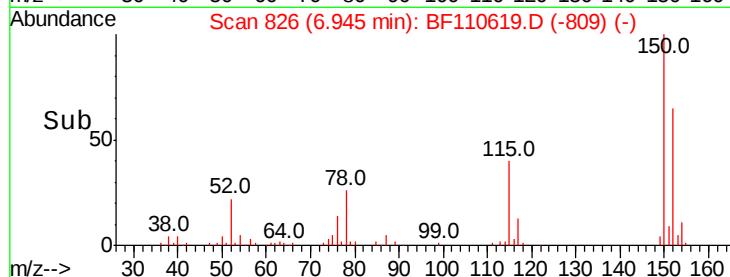


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

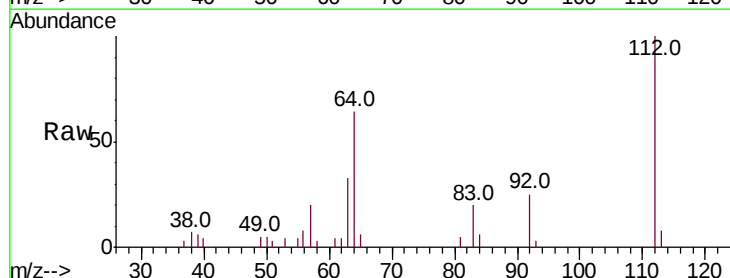
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.351 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110619.D
Acq: 9 Nov 2018 11:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	44.1	66.1
63	32.8	23.7	35.5

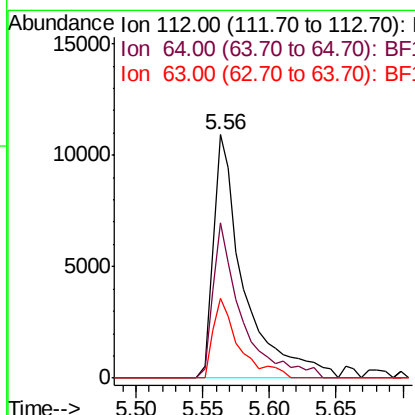
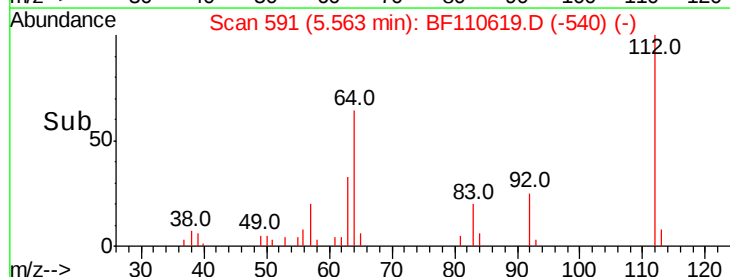


Abundance

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: 5.177 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110619.D

Acq: 9 Nov 2018 11:25

Instrument :

BNA_F

ClientSampled :

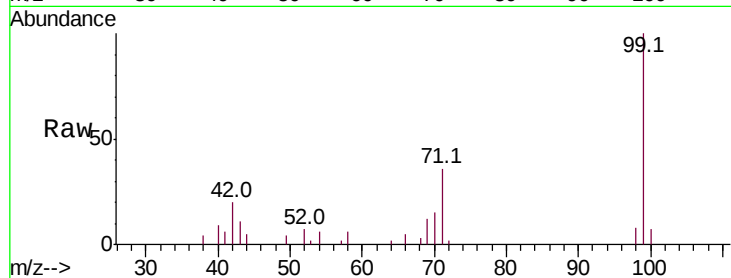
Tot Ion: 99 Resp: 26548

Ion Ratio Lower Upper

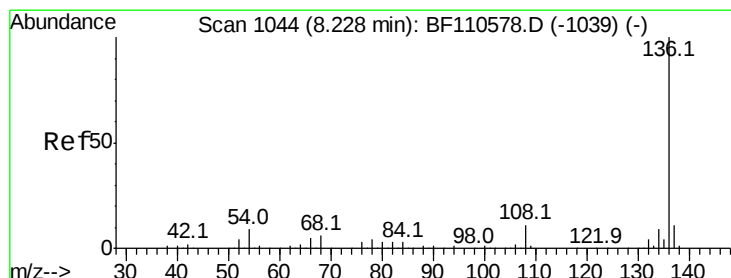
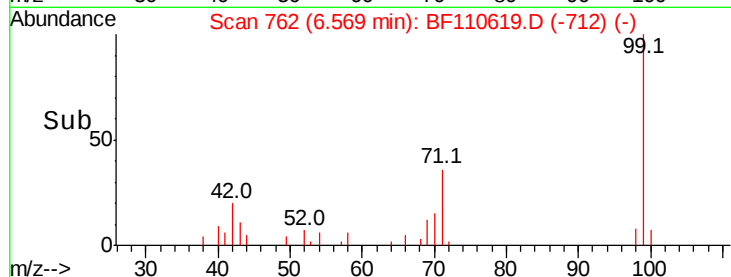
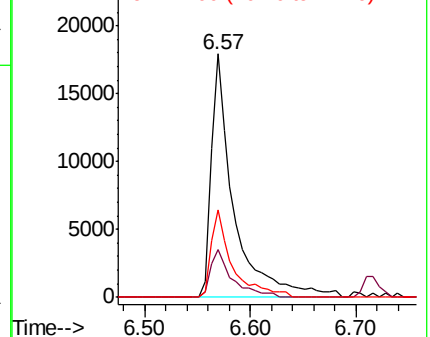
99 100

42 19.6 15.8 23.6

71 35.9 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: BF110619.D

Acq: 9 Nov 2018 11:25

Tgt Ion: 136 Resp: 267375

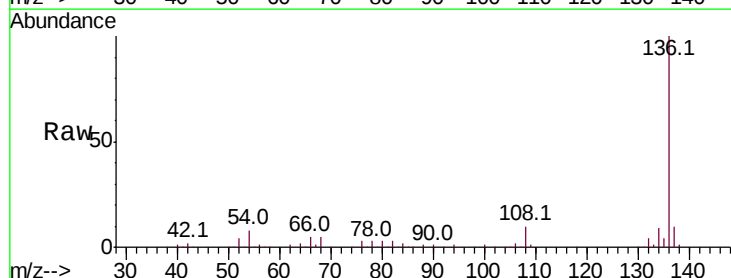
Ion Ratio Lower Upper

136 100

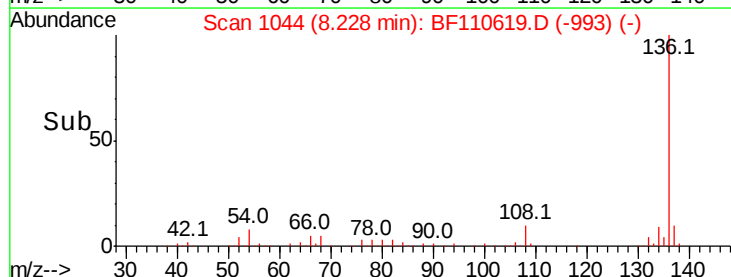
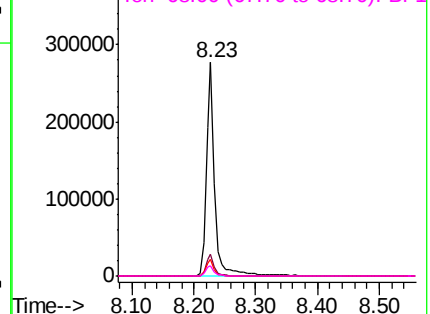
137 10.3 8.8 13.2

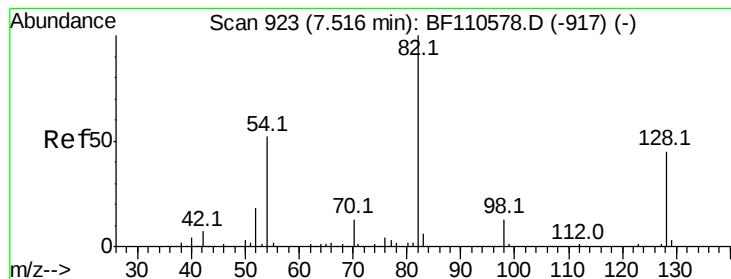
54 7.6 5.4 8.2

68 4.8 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: 3.434 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110619.D

Acq: 9 Nov 2018 11:25

Instrument :

BNA_F

ClientSampleId :

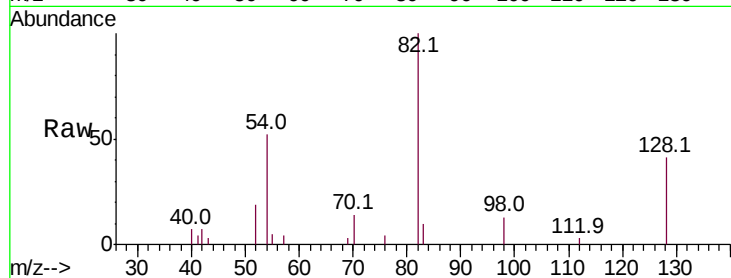
Tot Ion: 82 Resp: 15941

Ion Ratio Lower Upper

82 100

128 41.1 34.2 51.2

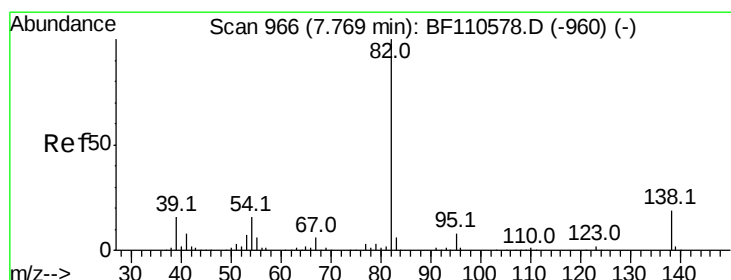
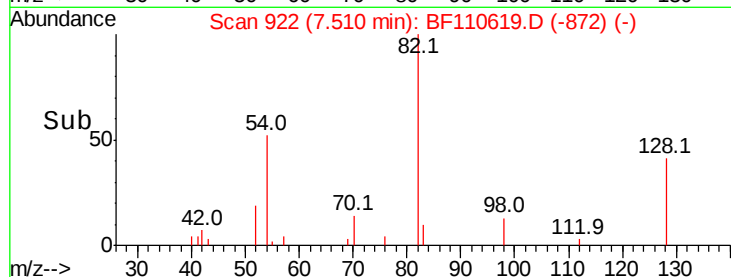
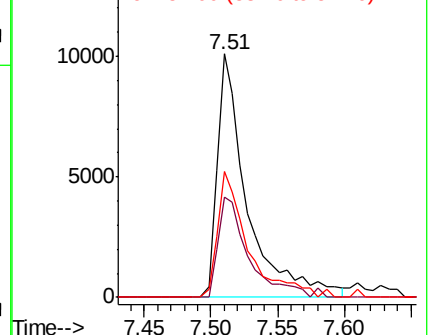
54 51.7 38.6 58.0



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: 2.095 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110619.D

Acq: 9 Nov 2018 11:25

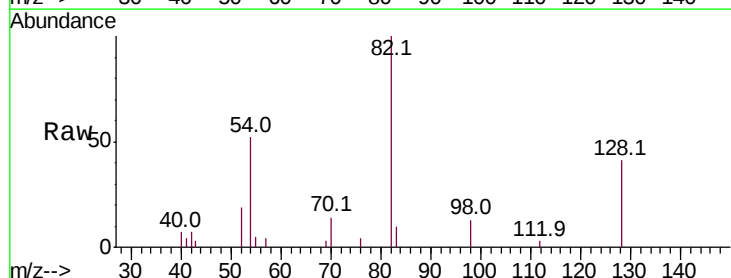
Tgt Ion: 82 Resp: 15941

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

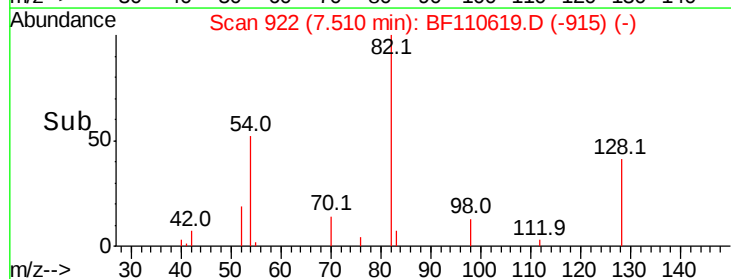
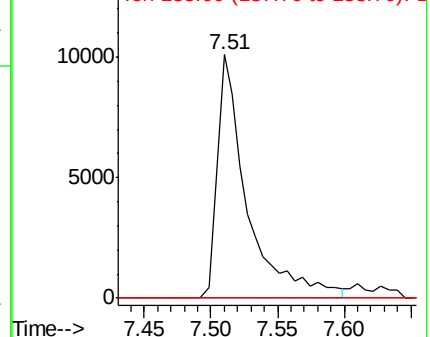
138 0.0 13.2 19.8#

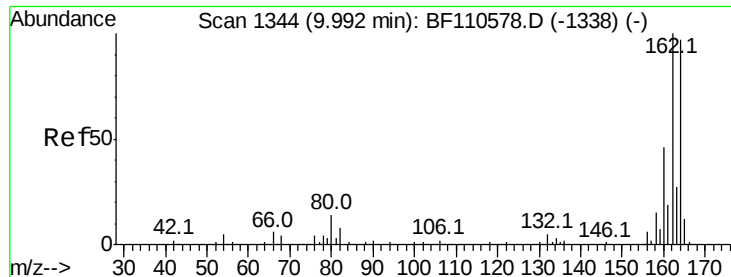


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

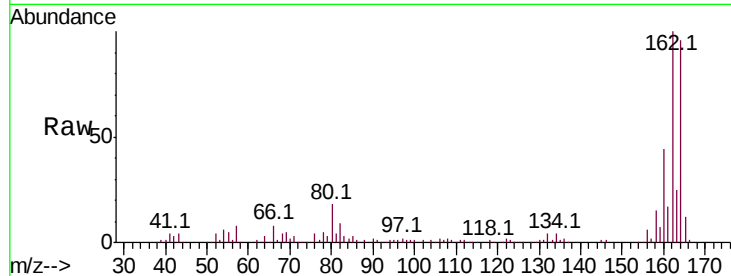




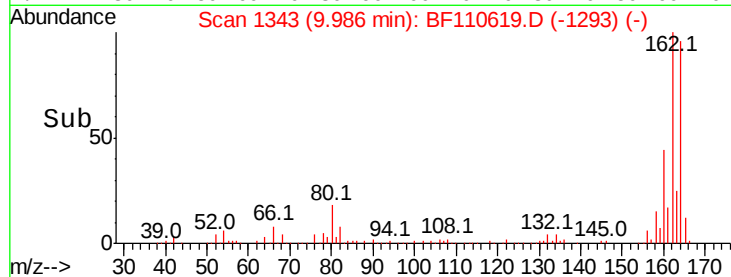
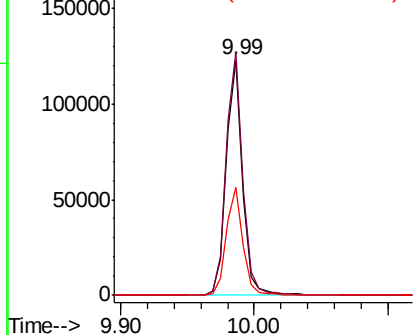
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110619.D
 Acq: 9 Nov 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 106335
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.0 124.6
 160 45.9 37.0 55.6

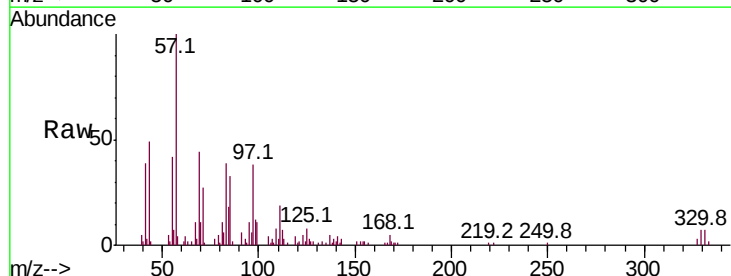


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

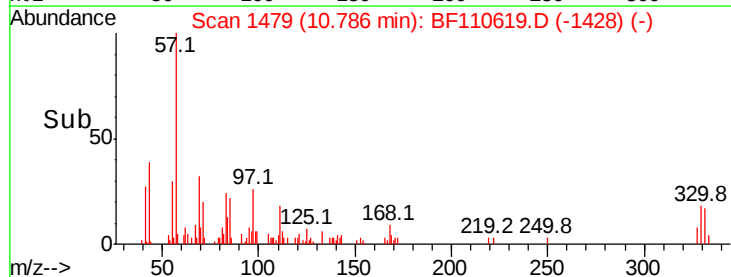
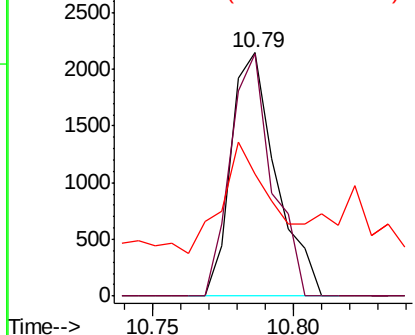


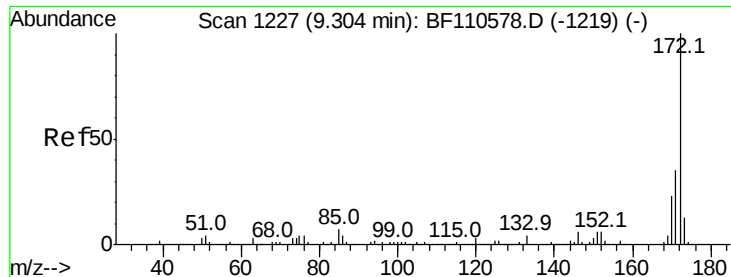
#42
 2,4,6-Tribromophenol
 Concen: 2.221 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110619.D
 Acq: 9 Nov 2018 11:25

Tgt Ion:330 Resp: 2380
 Ion Ratio Lower Upper
 330 100
 332 92.1 77.1 115.7
 141 48.5 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

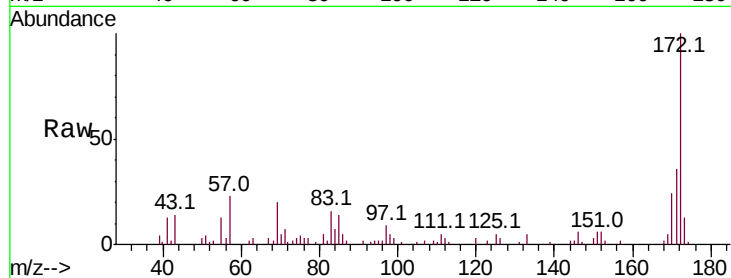




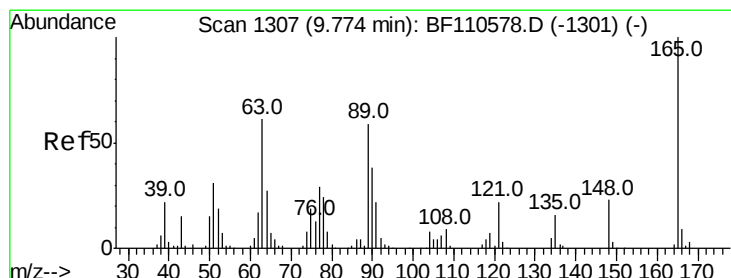
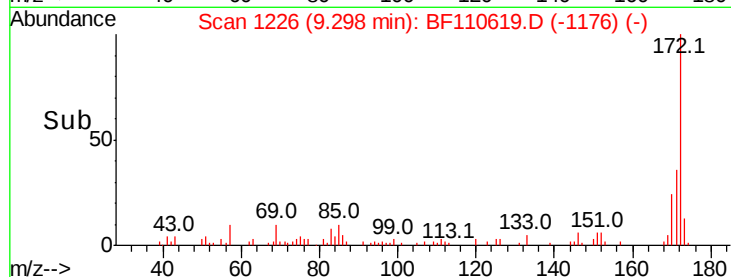
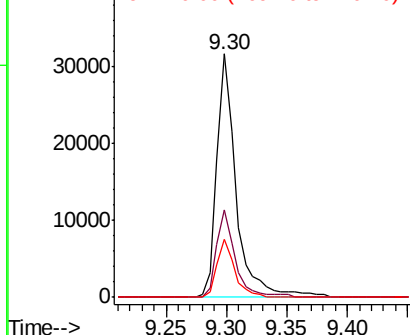
#45
 2-Fluorobiphenyl
 Concen: 4.690 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110619.D
 Acq: 9 Nov 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 34916
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.7 19.7 29.5

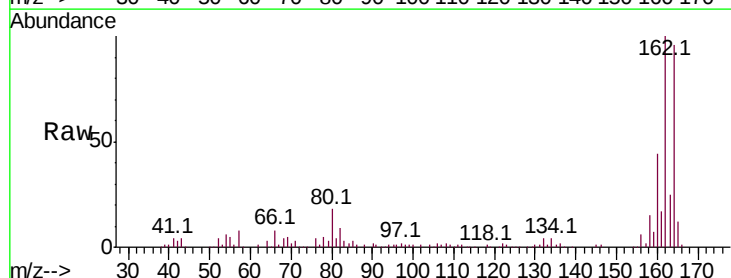


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

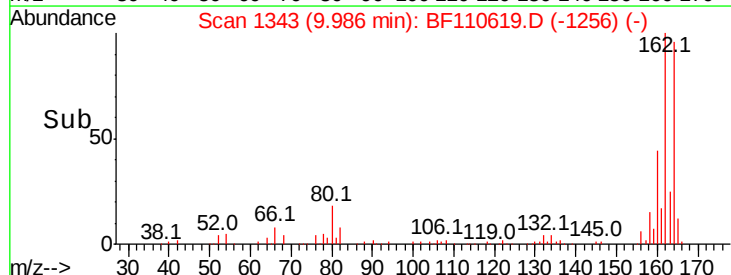
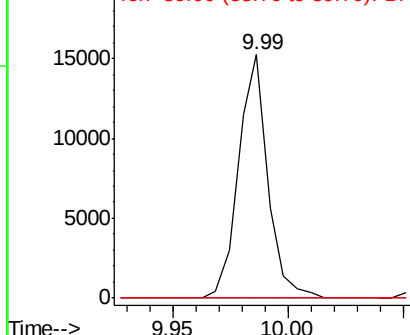


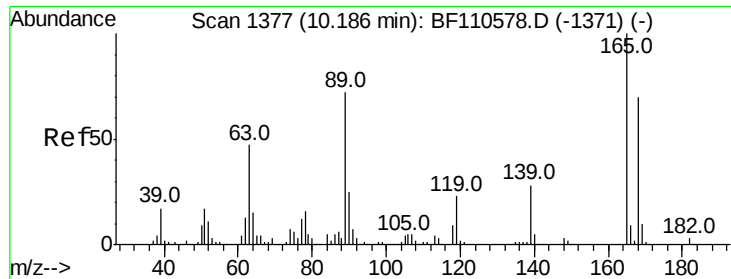
#51
 2,6-Dinitrotoluene
 Concen: 7.714 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110619.D
 Acq: 9 Nov 2018 11:25

Tgt Ion:165 Resp: 13464
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 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

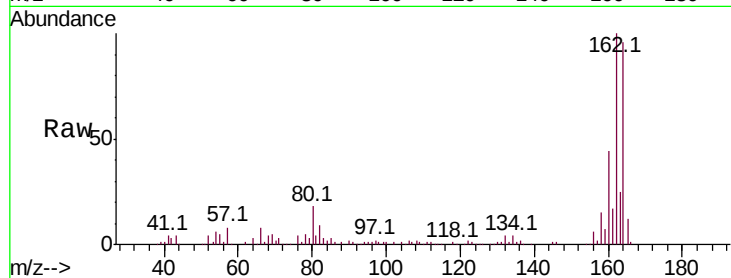




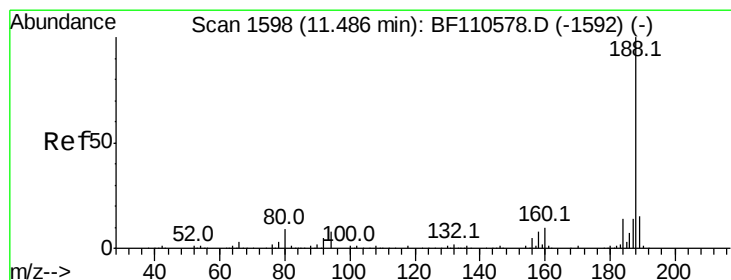
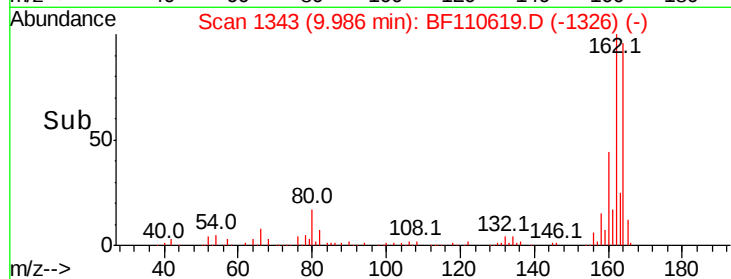
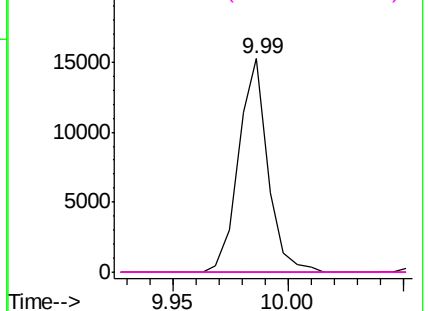
#57
 2,4-Dinitrotoluene
 Concen: 5.933 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110619.D
 Acq: 9 Nov 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	13464
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	0.0	62.2 93.4#
182	0.0	2.1 3.1#

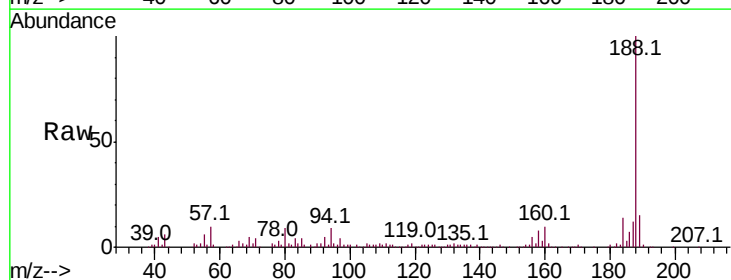


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

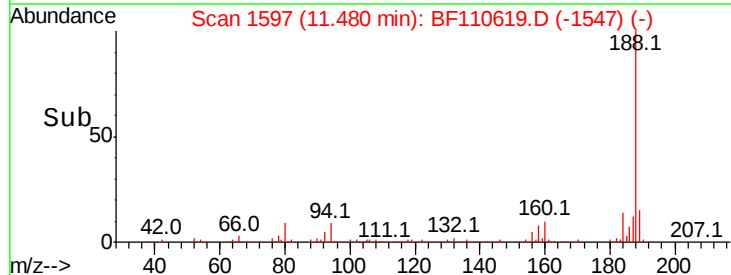
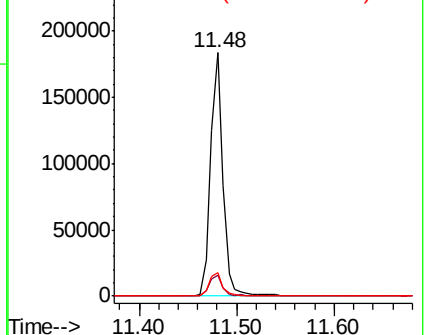


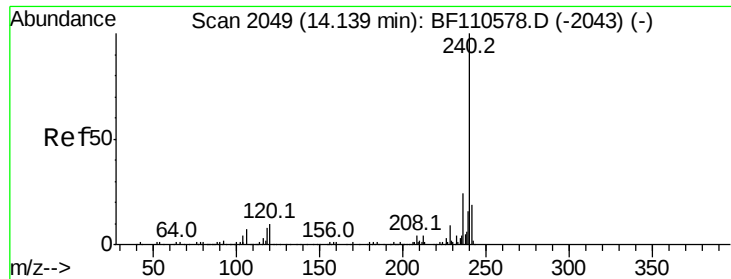
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110619.D
 Acq: 9 Nov 2018 11:25

Tgt Ion:188	Resp:	161809
Ion Ratio	Lower	Upper
188	100	
94	8.6	7.2 10.8
80	9.4	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

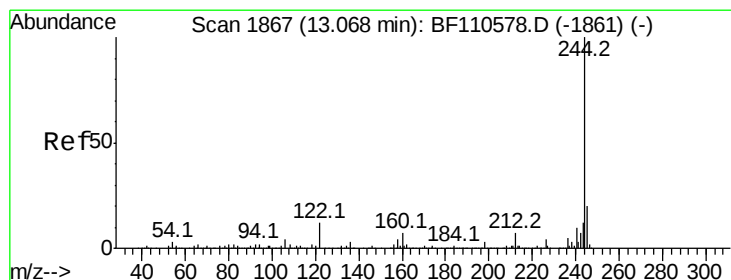
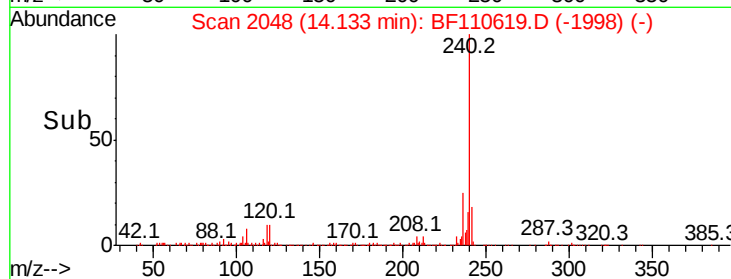
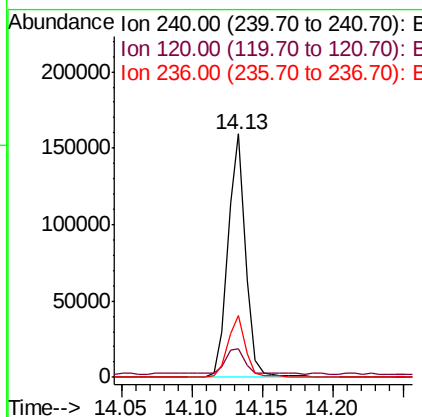
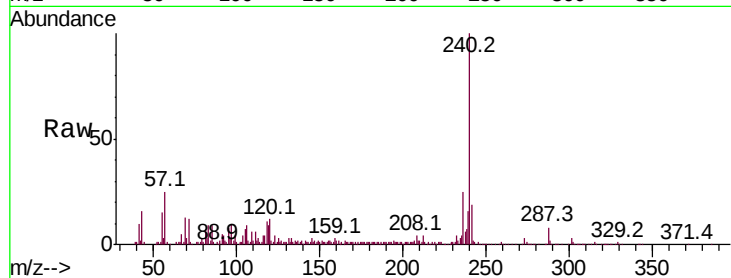




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110619.D
 Acq: 9 Nov 2018 11:25

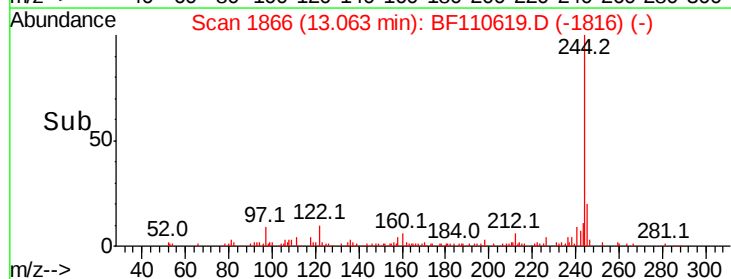
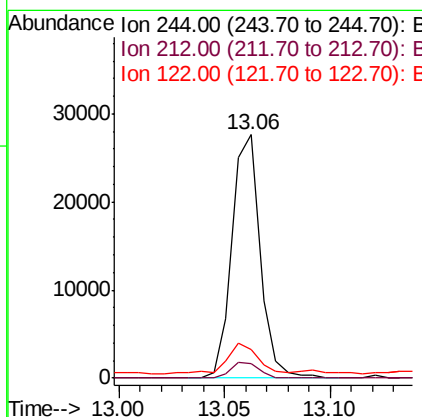
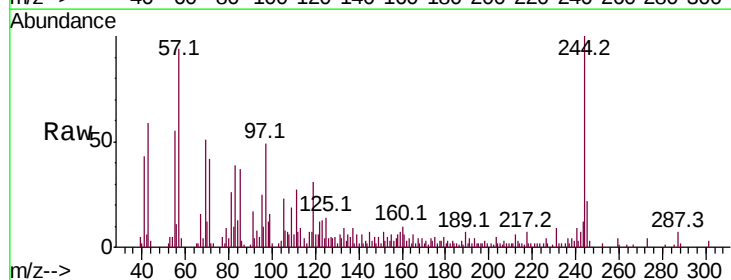
Instrument :
 BNA_F
 ClientSampleId :

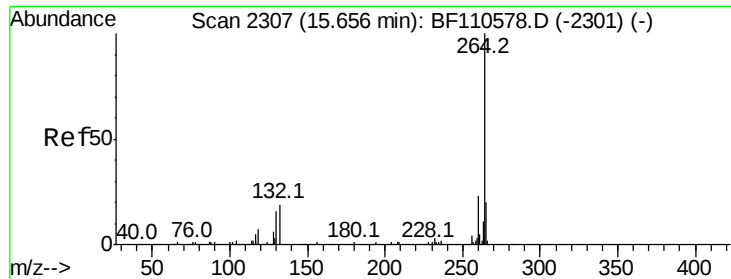
Tot Ion:240 Resp: 137937
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.3 12.5
 236 25.3 21.2 31.8



#79
 Terphenyl-d14
 Concen: 3.470 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110619.D
 Acq: 9 Nov 2018 11:25

Tgt Ion:244 Resp: 25560
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.8 8.8
 122 11.7 8.7 13.1

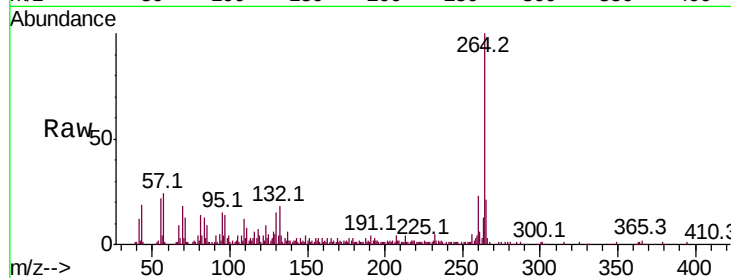




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110619.D
Acq: 9 Nov 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.9	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

