

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103664.D
 Acq On : 15 Mar 2018 2:47
 Operator : SJ/JU
 Sample : J1896-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 04:18:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

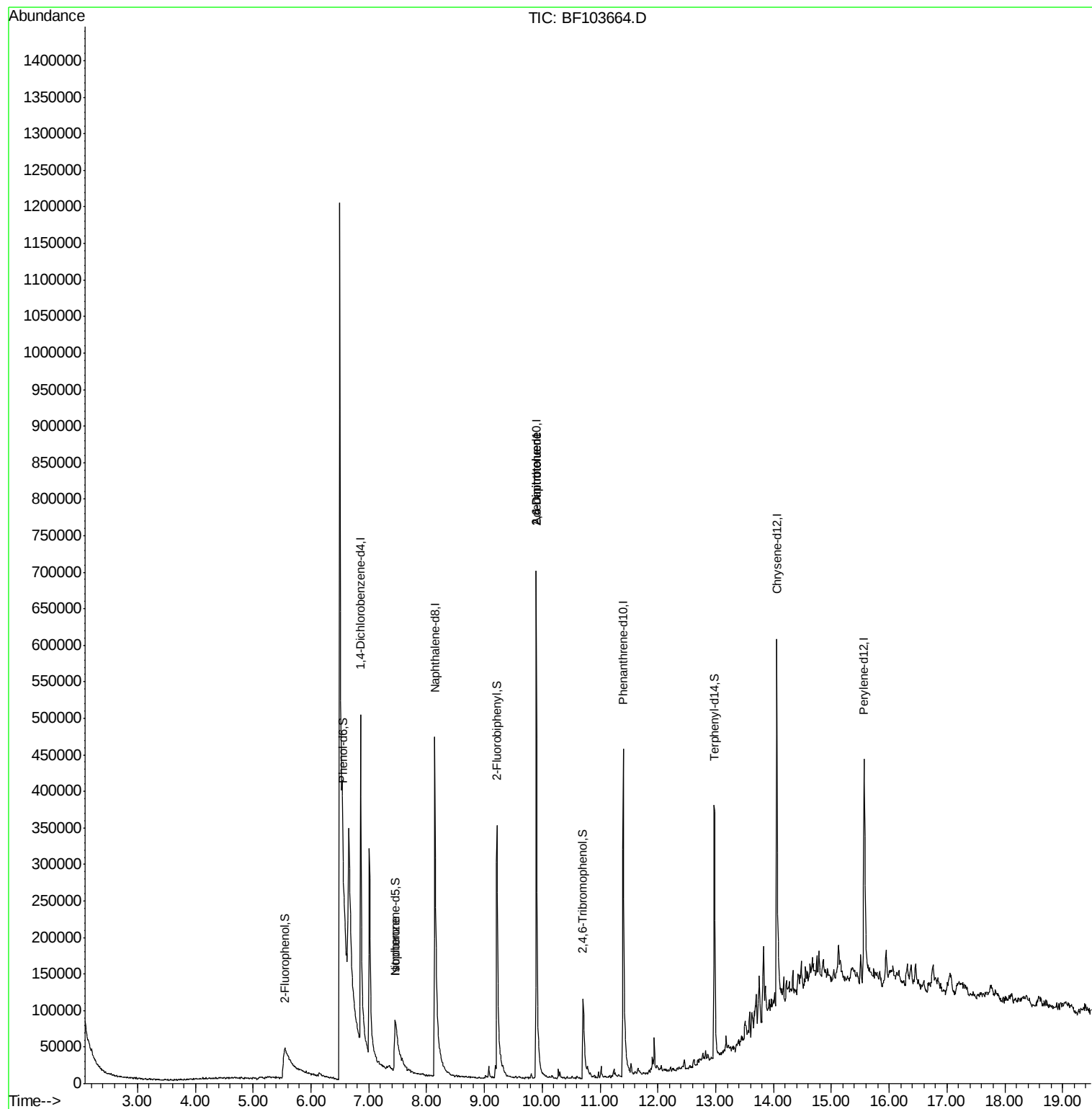
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119658	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	502677	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	199204	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	293018	20.00	ng	0.00
75) Chrysene-d12	14.06	240	229592	20.00	ng	0.00
86) Perylene-d12	15.57	264	204915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	56514	7.14	ng	0.07
7) Phenol-d6	6.56	99	176187	18.20	ng	0.05
23) Nitrobenzene-d5	7.46	82	130383	14.81	ng	0.02
41) 2,4,6-Tribromophenol	10.71	330	24412	14.48	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	238154	15.46	ng	0.00
78) Terphenyl-d14	12.98	244	146220	15.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	110	Below Cal	Qvalue #	1
25) Isophorone	7.46	82	133949	7.727 ng	#	64
50) 2,6-Dinitrotoluene	9.90	165	24064	7.176 ng	#	24
56) 2,4-Dinitrotoluene	9.90	165	24492	5.775 ng	#	21

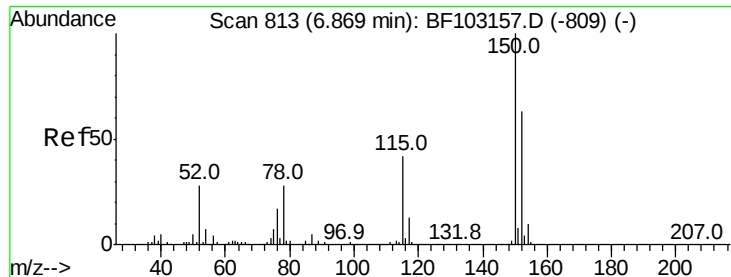
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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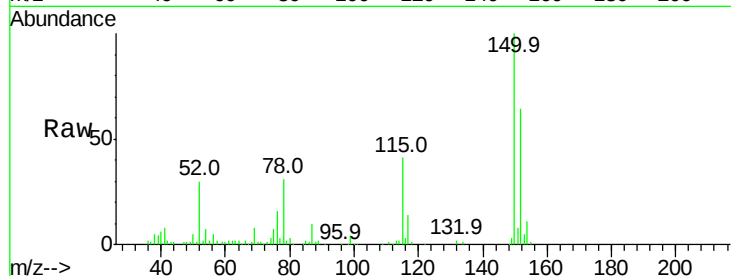


#1

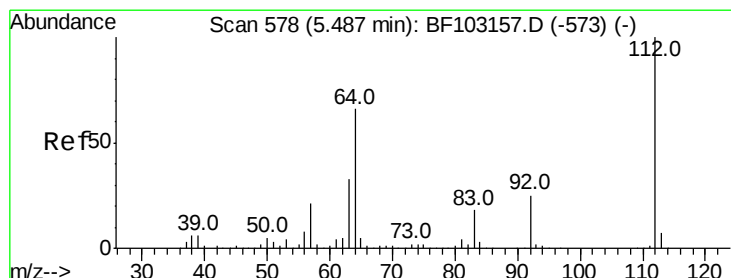
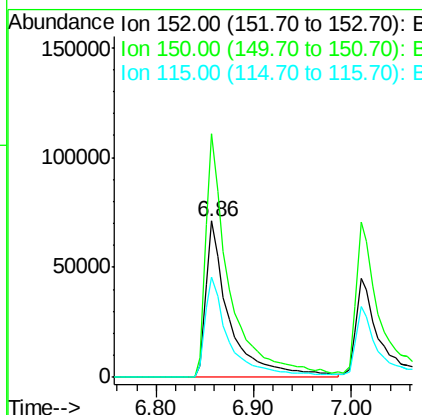
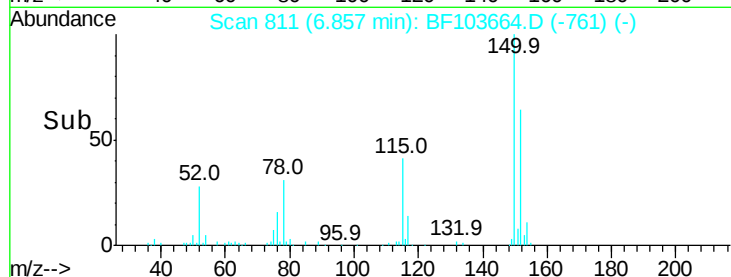
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103664.D
Acq: 15 Mar 2018 2:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	64.2	50.1	75.1



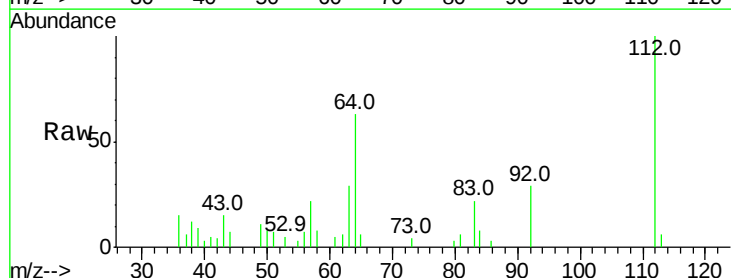
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



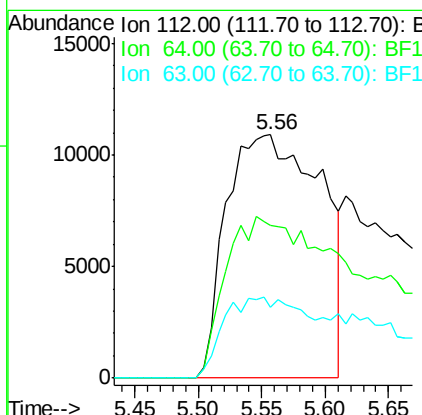
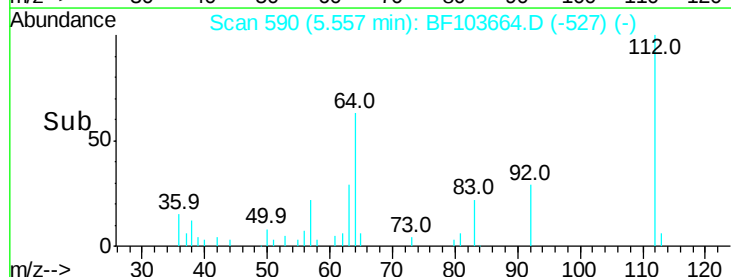
#5

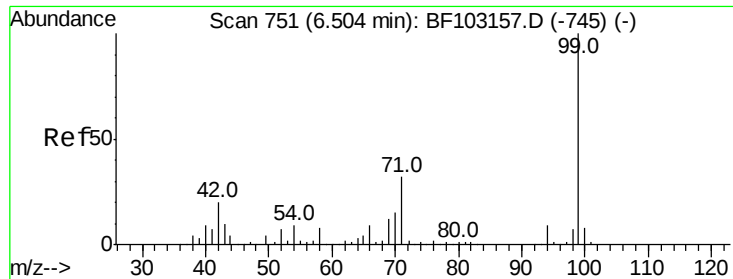
2-Fluorophenol
Concen: 7.143 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.07 min
Lab File: BF103664.D
Acq: 15 Mar 2018 2:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	29.0	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: 18.199 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.05 min

Lab File: BF103664.D

Acq: 15 Mar 2018 2:47

Instrument :

BNA_F

ClientSampleId :

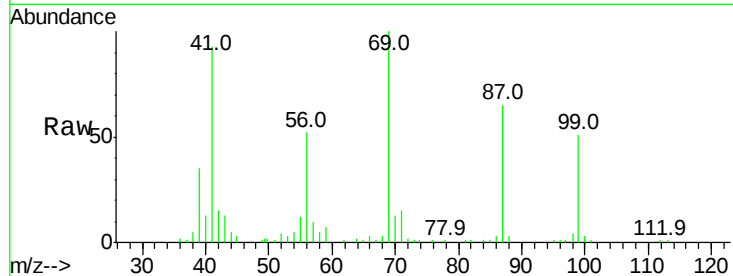
Tot Ion: 99 Resp: 176187

Ion Ratio Lower Upper

99 100

42 30.1 14.5 21.7#

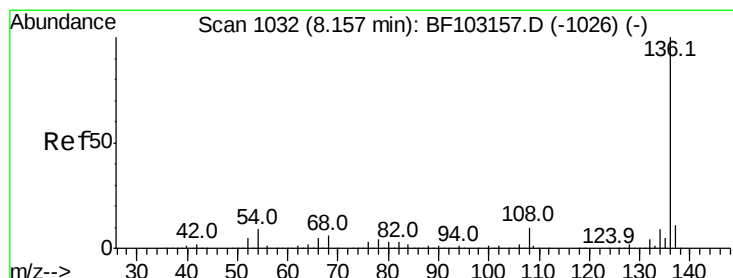
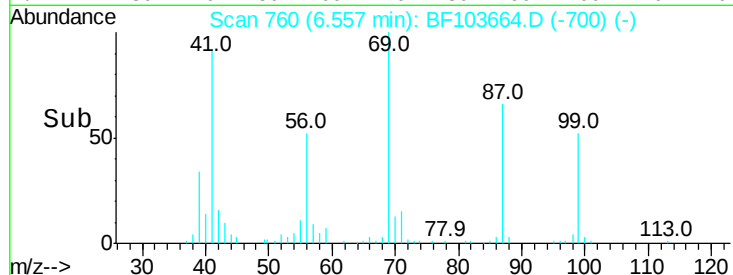
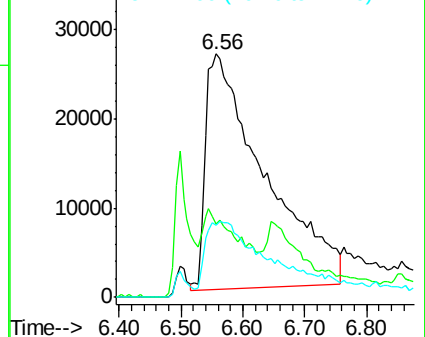
71 29.7 25.4 38.0



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: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF103664.D

Acq: 15 Mar 2018 2:47

Tgt Ion: 136 Resp: 502677

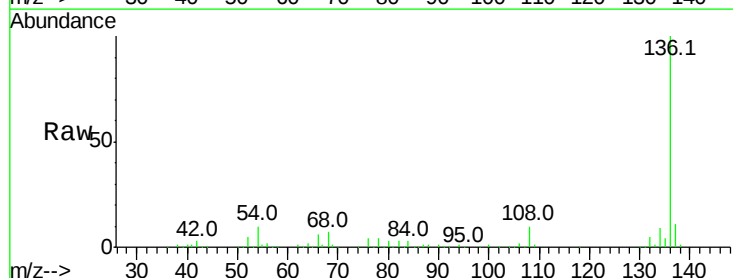
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.8 6.6 9.8

68 7.0 5.0 7.4

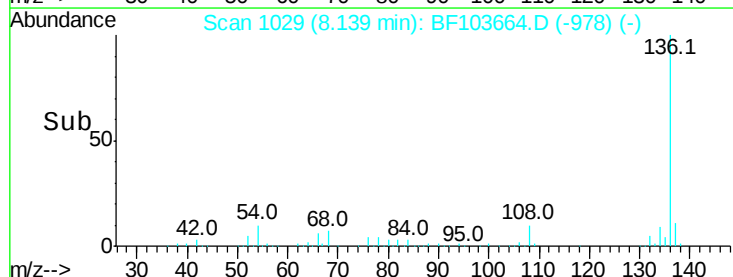
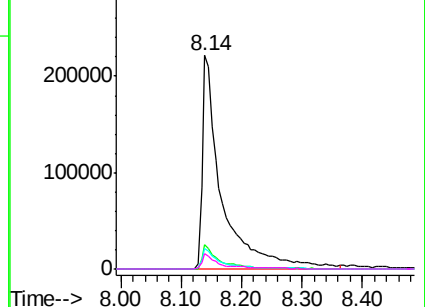


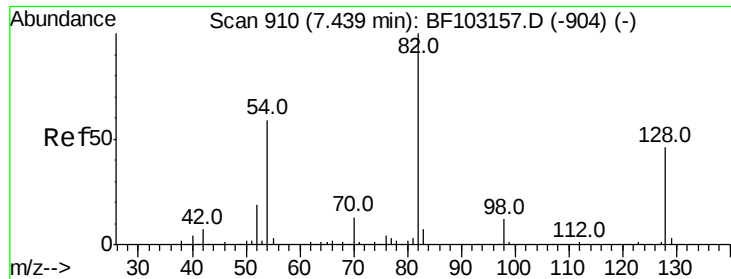
Abundance Ion 136.00 (135.70 to 136.70): E

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

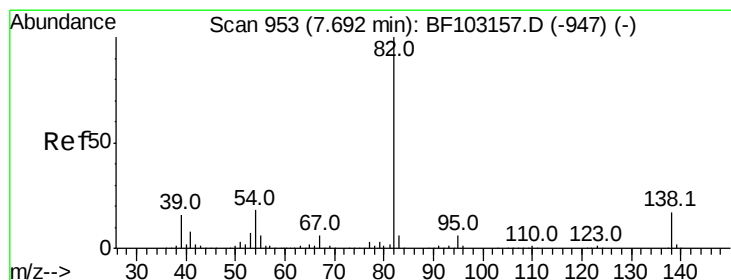
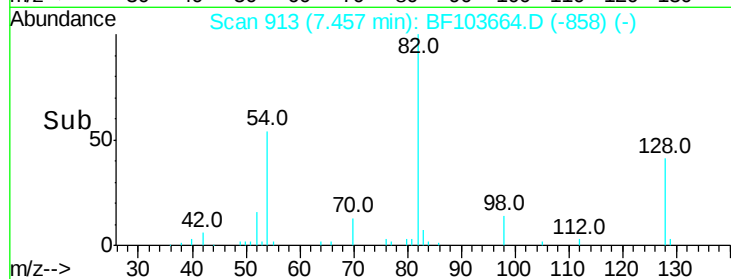
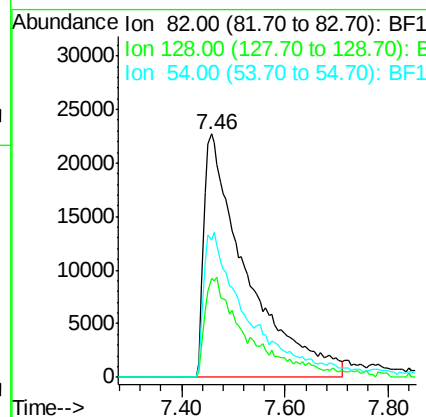
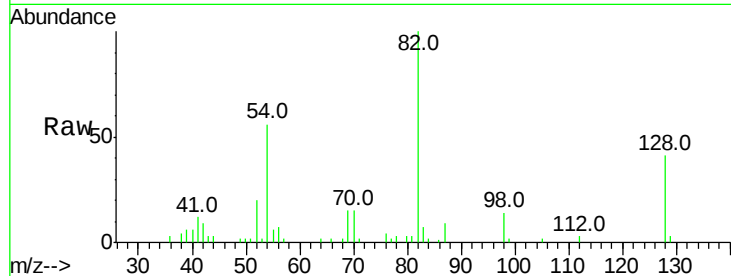




#23
 Nitrobenzene-d5
 Concen: 14.813 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.02 min
 Lab File: BF103664.D
 Acq: 15 Mar 2018 2:47

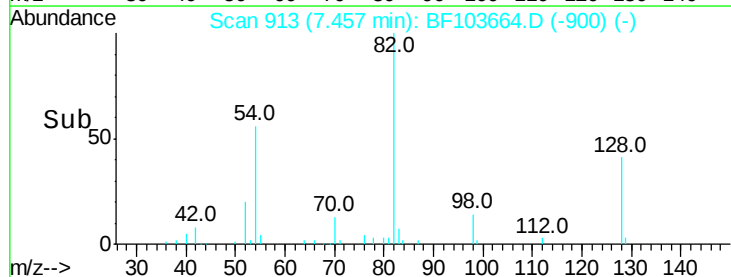
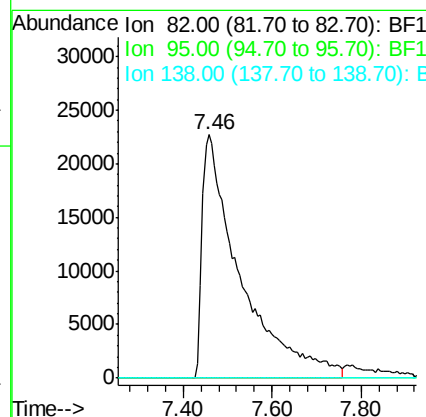
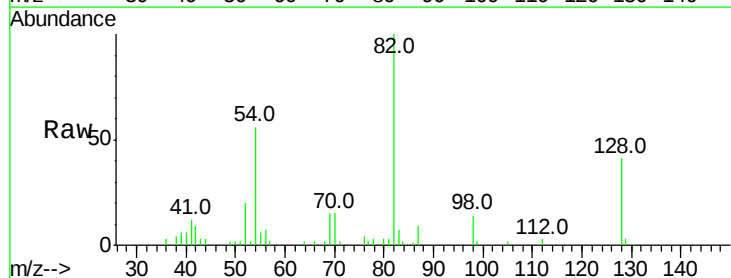
Instrument :
 BNA_F
 ClientSampled :

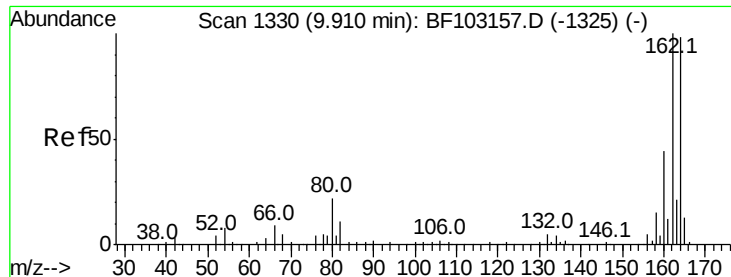
Tot Ion: 82 Resp: 130383
 Ion Ratio Lower Upper
 82 100
 128 40.5 36.1 54.1
 54 56.4 41.4 62.2



#25
 Isophorone
 Concen: 7.727 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.22 min
 Lab File: BF103664.D
 Acq: 15 Mar 2018 2:47

Tgt Ion: 82 Resp: 133949
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

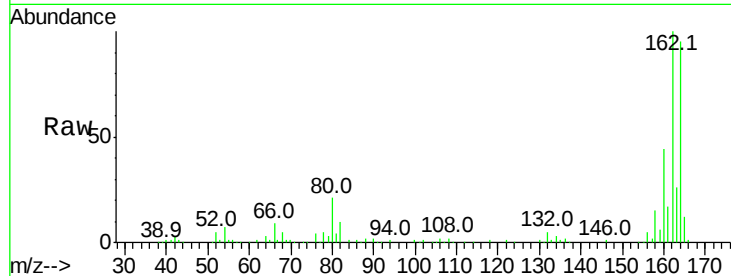




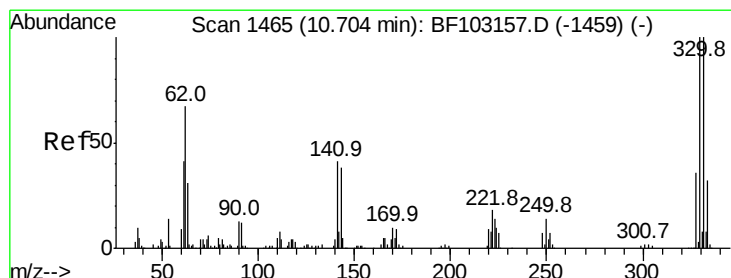
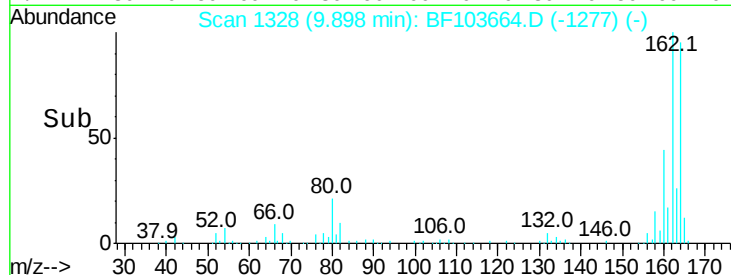
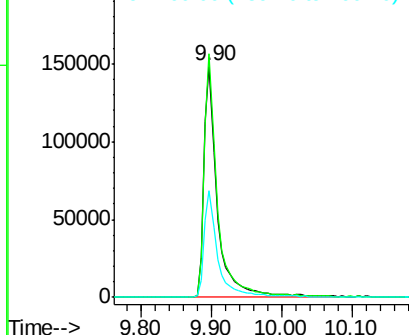
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF103664.D
Acq: 15 Mar 2018 2:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 199204
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 46.0 38.3 57.5

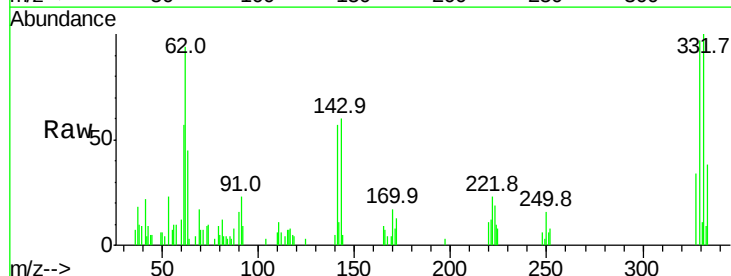


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

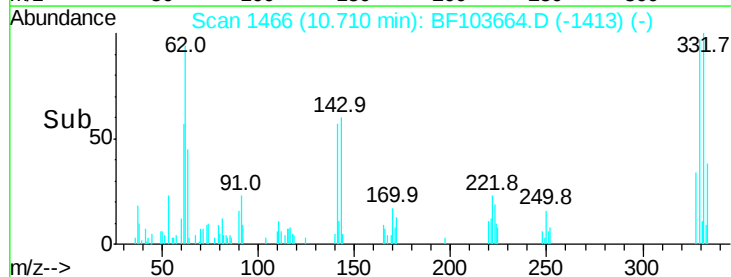
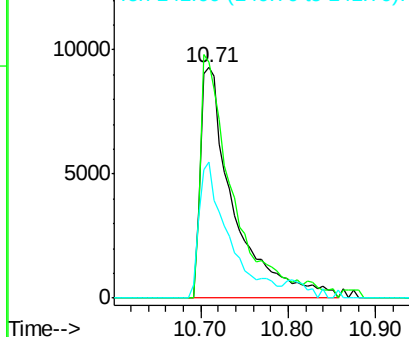


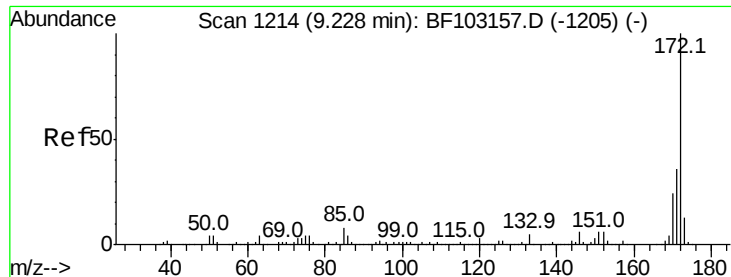
#41
2,4,6-Tribromophenol
Concen: 14.478 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF103664.D
Acq: 15 Mar 2018 2:47

Tgt Ion:330 Resp: 24412
Ion Ratio Lower Upper
330 100
332 104.7 77.0 115.6
141 53.1 29.9 44.9#



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

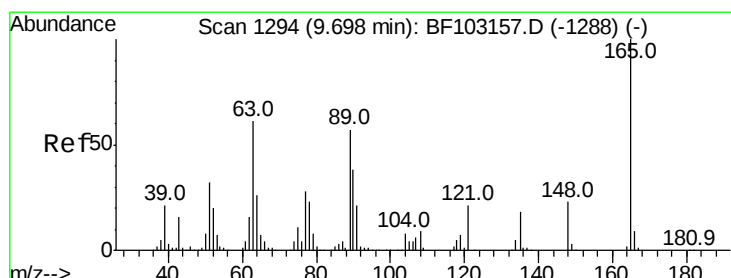
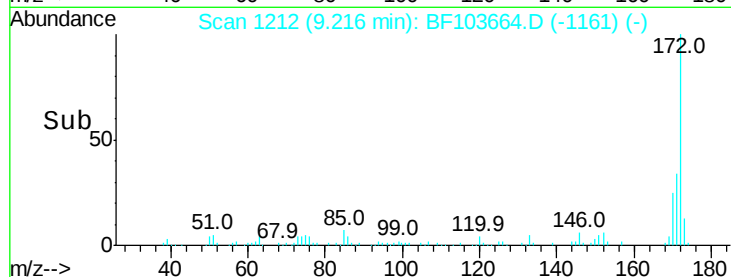
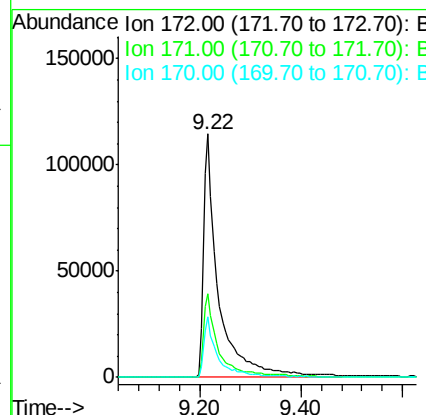
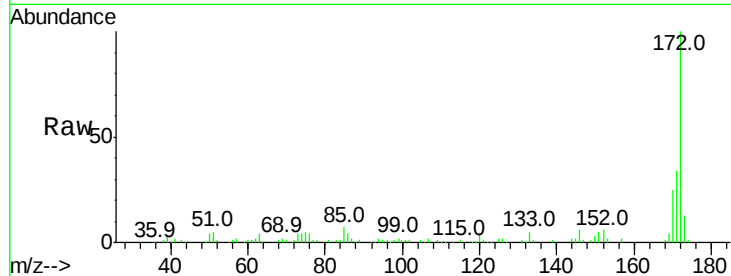




#44
 2-Fluorobiphenyl
 Concen: 15.462 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF103664.D
 Acq: 15 Mar 2018 2:47

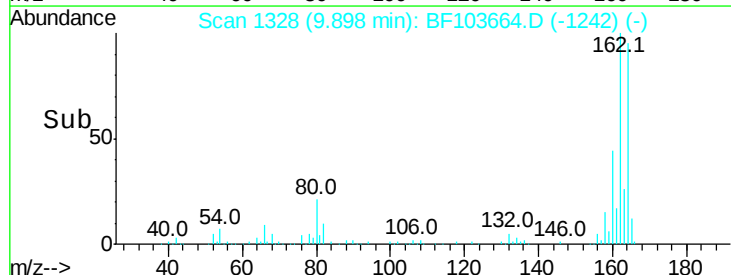
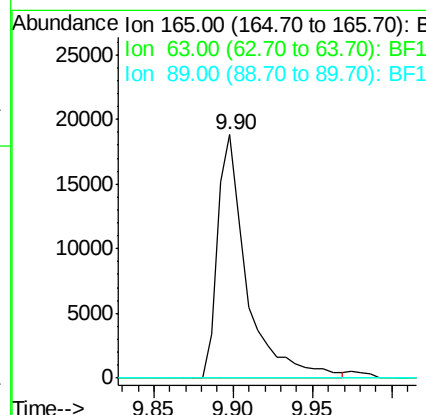
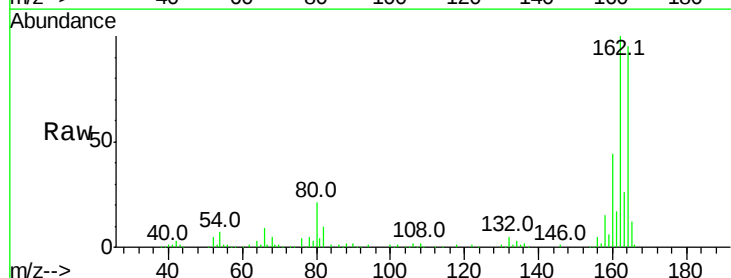
Instrument :
 BNA_F
 ClientSampled :

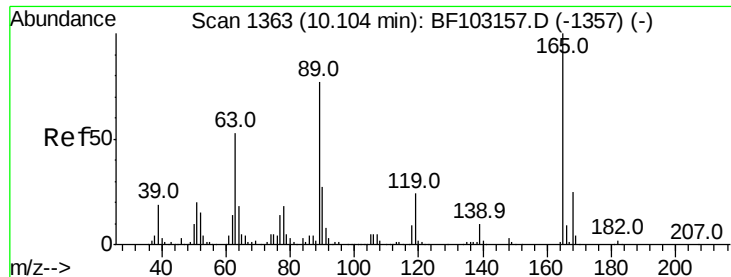
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	24.9	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.176 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF103664.D
 Acq: 15 Mar 2018 2:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

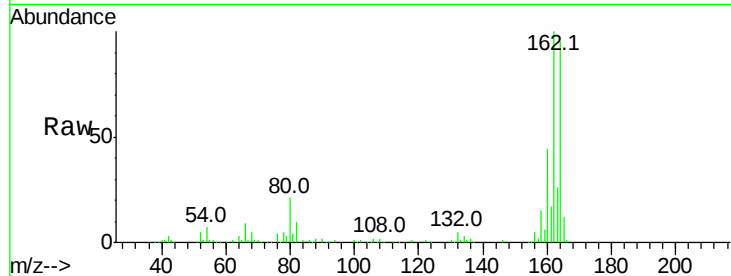




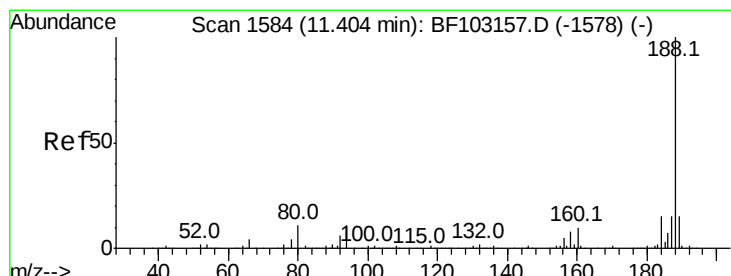
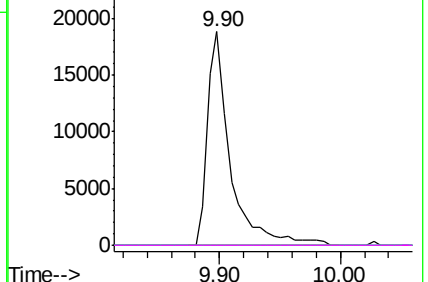
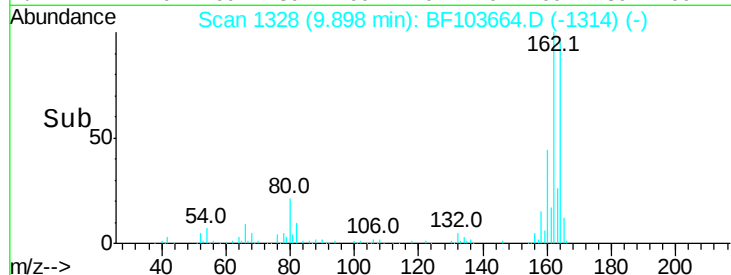
#56
 2,4-Dinitrotoluene
 Concen: 5.775 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103664.D
 Acq: 15 Mar 2018 2:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	24492
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

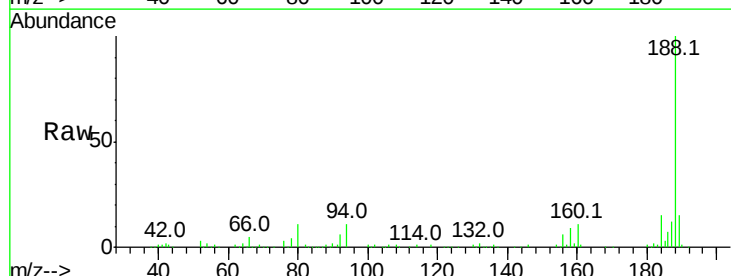


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

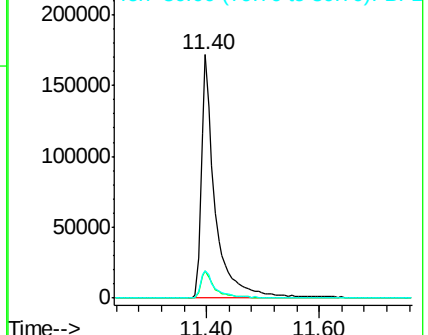
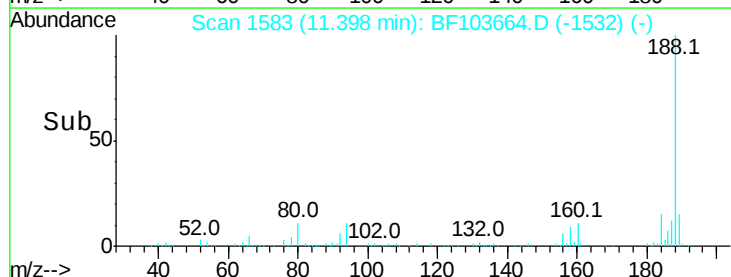


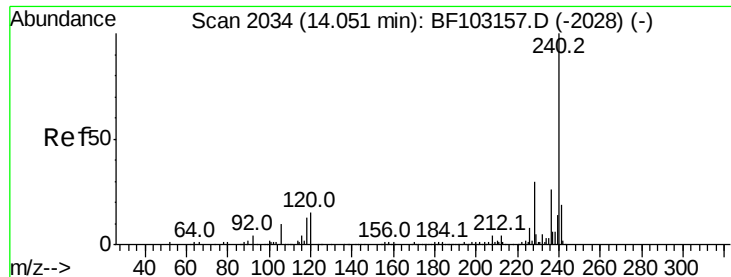
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF103664.D
 Acq: 15 Mar 2018 2:47

Tgt Ion:	188	Resp:	293018
Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.2	9.2	13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103664.D

Acq: 15 Mar 2018 2:47

Instrument :

BNA_F

ClientSampleId :

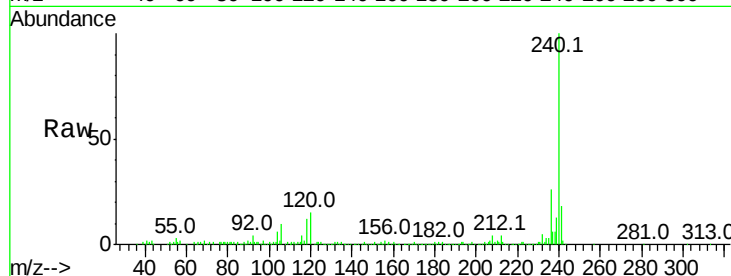
Tot Ion:240 Resp: 229592

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

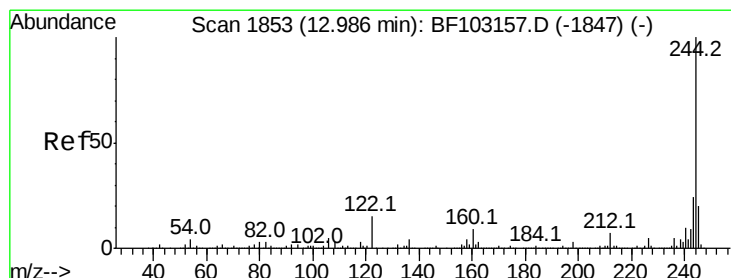
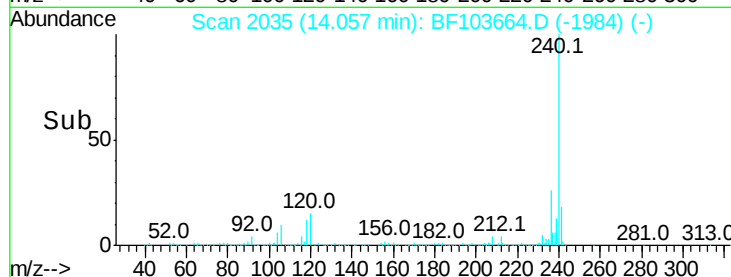
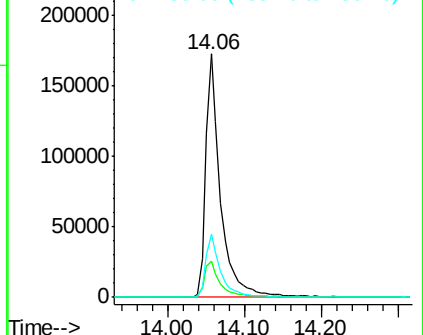
236 26.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 15.309 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF103664.D

Acq: 15 Mar 2018 2:47

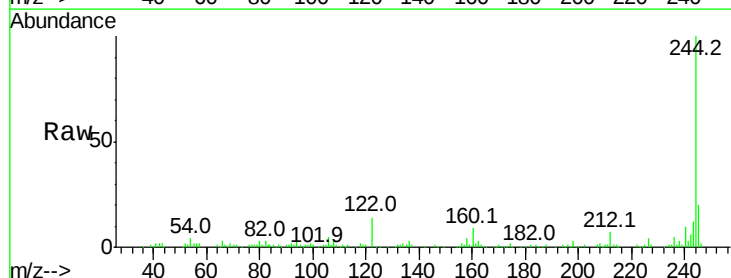
Tgt Ion:244 Resp: 146220

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

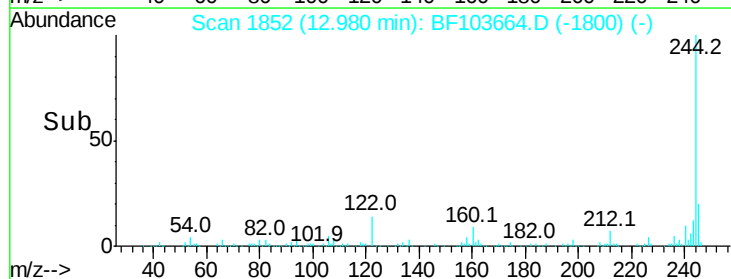
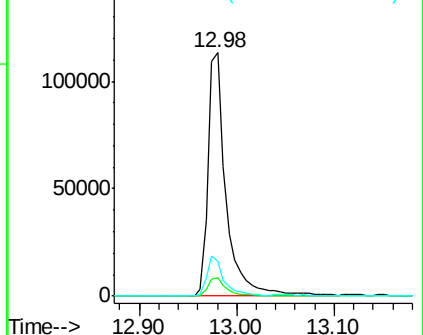
122 14.5 11.0 16.4

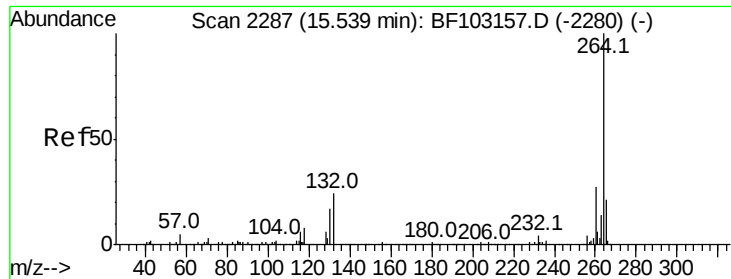


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

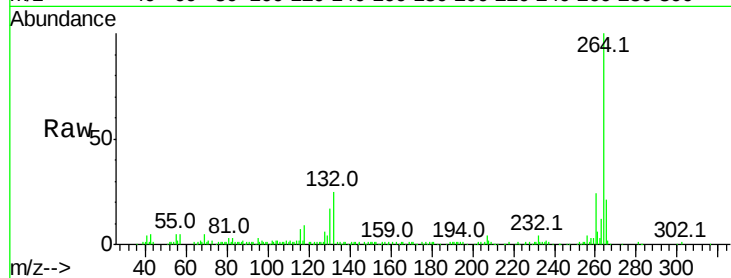




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF103664.D
Acq: 15 Mar 2018 2:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3



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

