

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103520.D
 Acq On : 8 Mar 2018 16:54
 Operator : SJ/JU
 Sample : J1748-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-030618-B

Quant Time: Mar 09 00:17:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

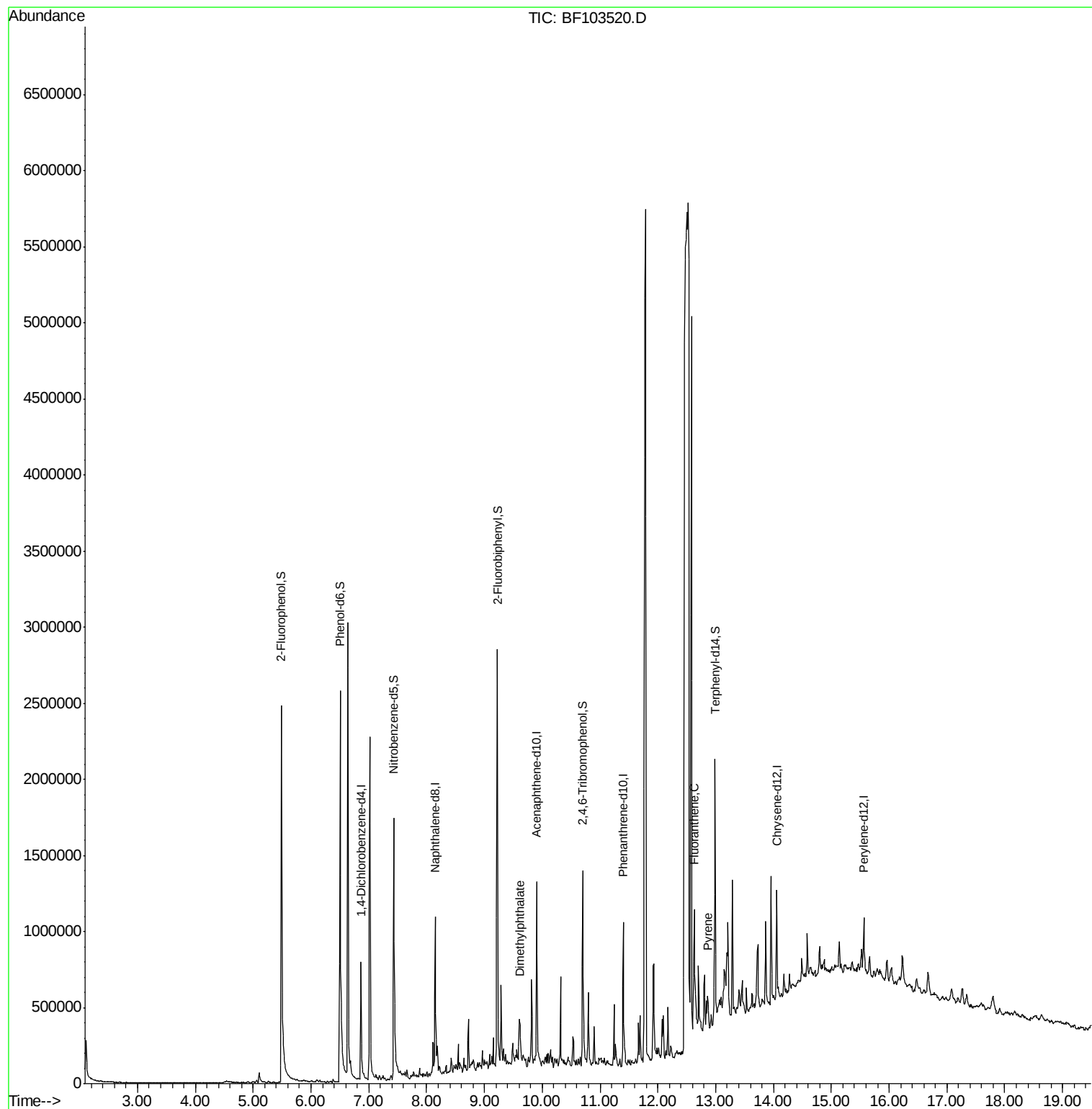
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143892	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	614594	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	253125	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	377751	20.00	ng	0.00
75) Chrysene-d12	14.06	240	244256	20.00	ng	0.00
86) Perylene-d12	15.56	264	203755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1022708	107.50	ng	0.00
7) Phenol-d6	6.50	99	1221143	104.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	789787	73.39	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	166380	77.65	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	977462	62.35	ng	0.00
78) Terphenyl-d14	12.99	244	625435	61.55	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	77075	3.796	ng	99
74) Fluoranthene	12.63	202	45105	2.159	ng	85
77) Pyrene	12.87	202	46757	2.455	ng	94

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

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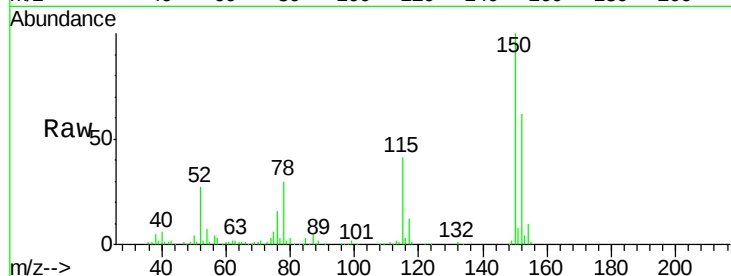


#1

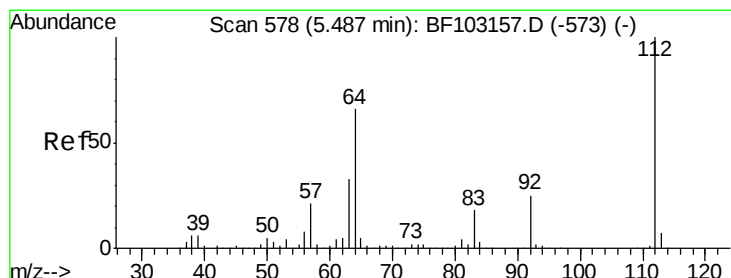
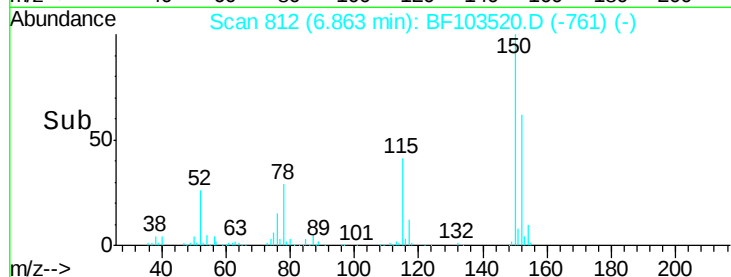
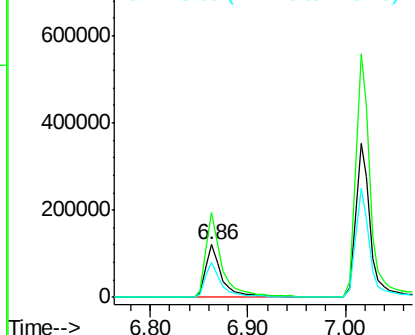
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :
AU-06-030618-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	65.9	50.1	75.1



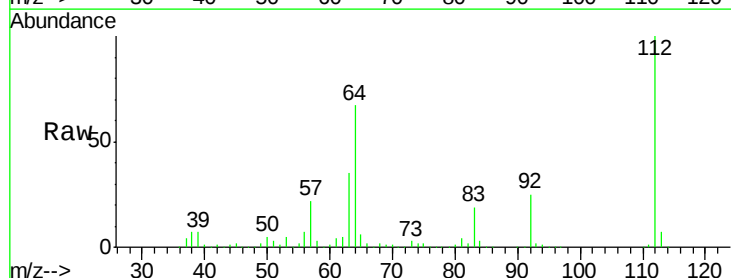
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



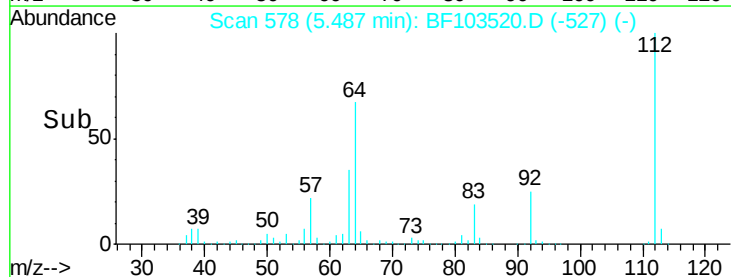
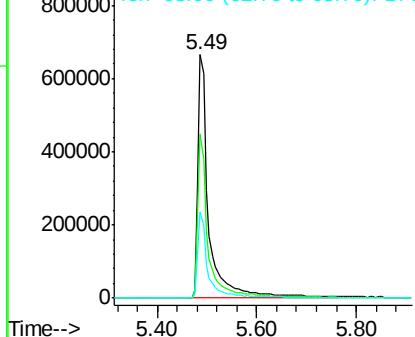
#5

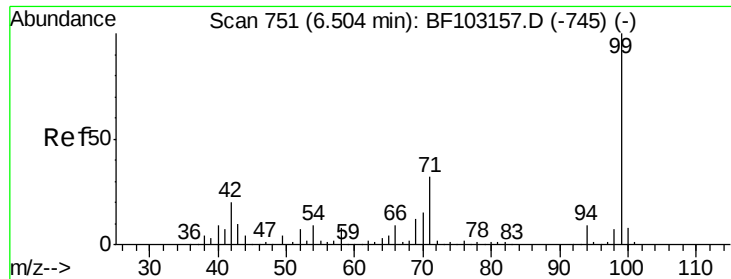
2-Fluorophenol
Concen: 107.495 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	47.9	71.9
63	35.4	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: 104.893 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

Instrument :

BNA_F

ClientSampleId :

AU-06-030618-B

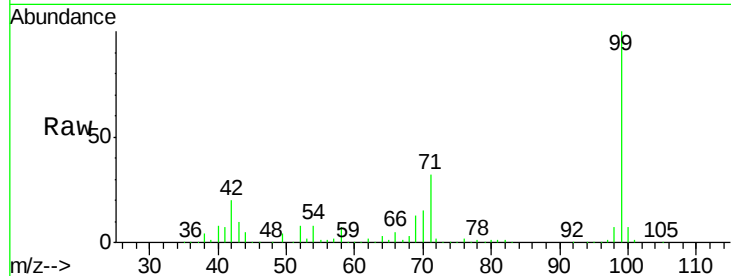
Tot Ion: 99 Resp: 1221143

Ion Ratio Lower Upper

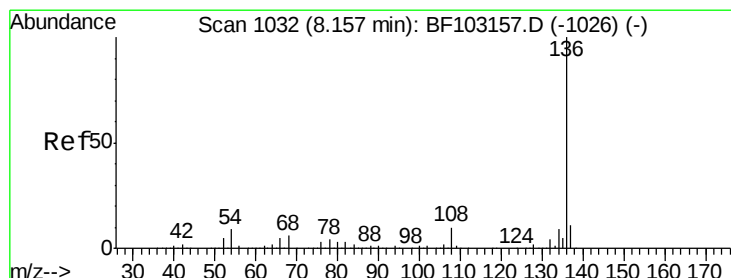
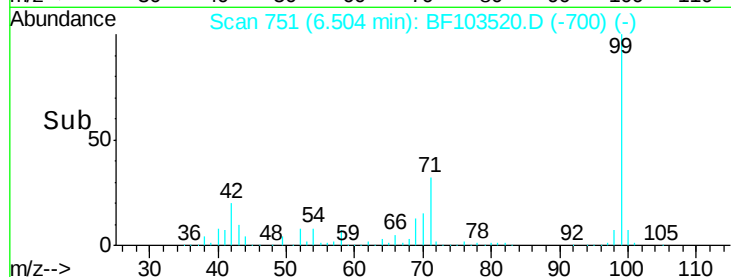
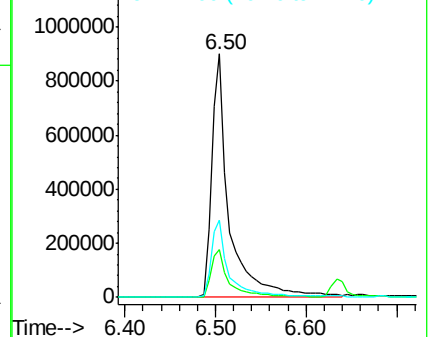
99 100

42 19.9 14.5 21.7

71 31.9 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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

Tgt Ion: 136 Resp: 614594

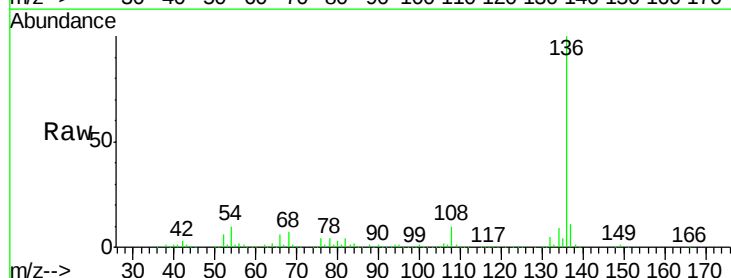
Ion Ratio Lower Upper

136 100

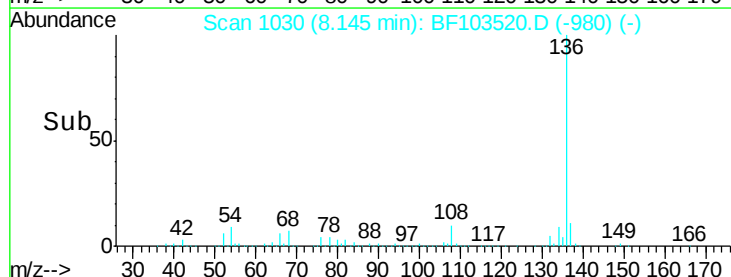
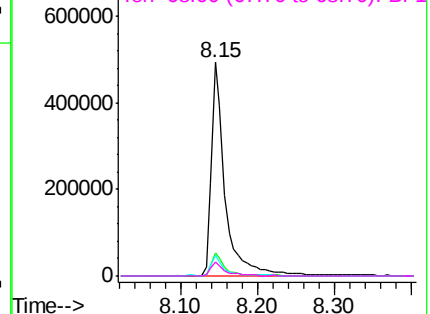
137 10.8 8.9 13.3

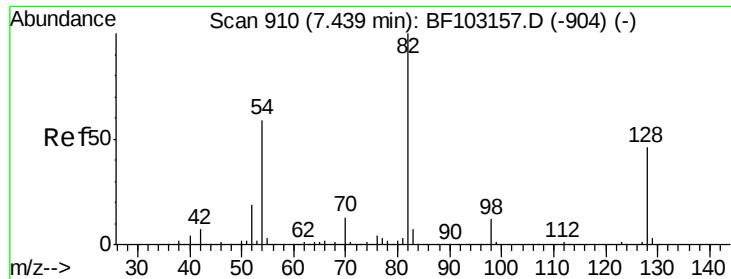
54 9.6 6.6 9.8

68 6.8 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

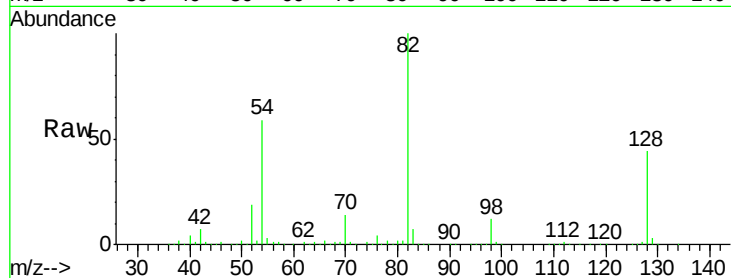




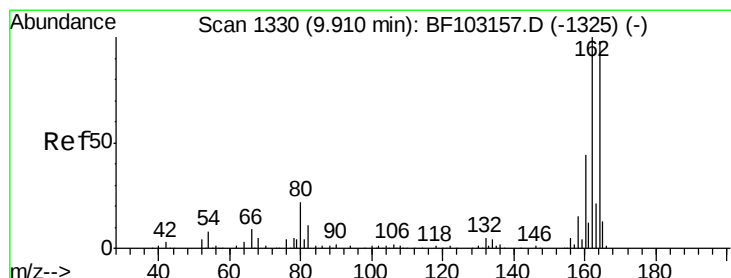
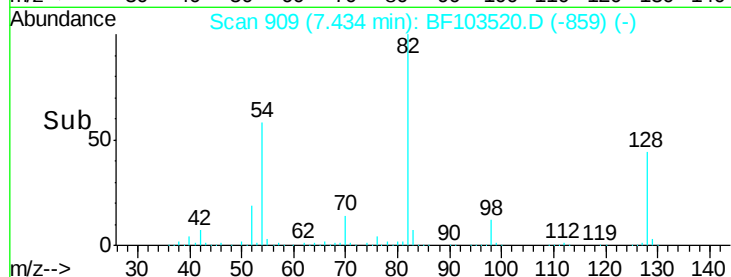
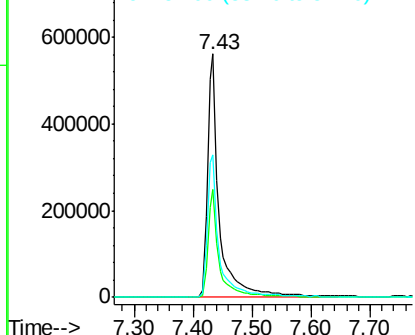
#23
Nitrobenzene-d5
Concen: 73.387 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :
AU-06-030618-B

Tot Ion: 82 Resp: 789787
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 58.5 41.4 62.2

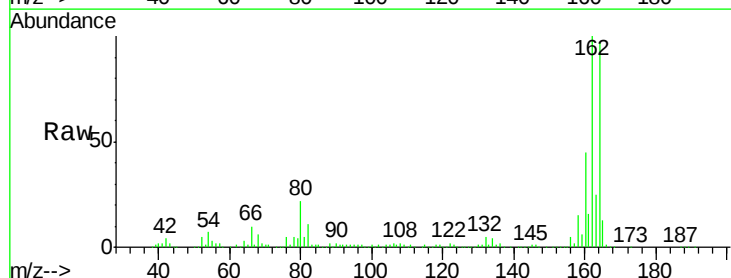


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

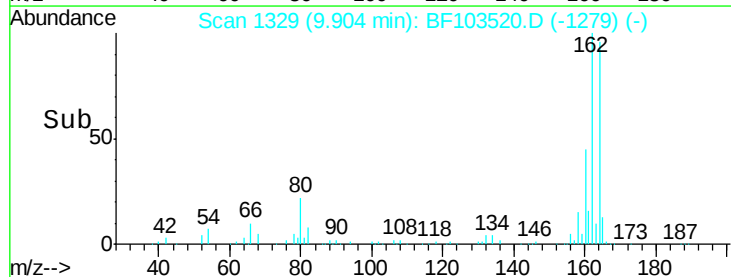
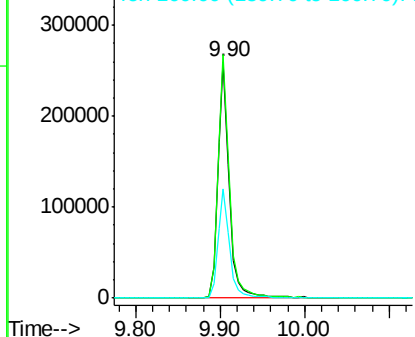


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:164 Resp: 253125
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 46.4 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

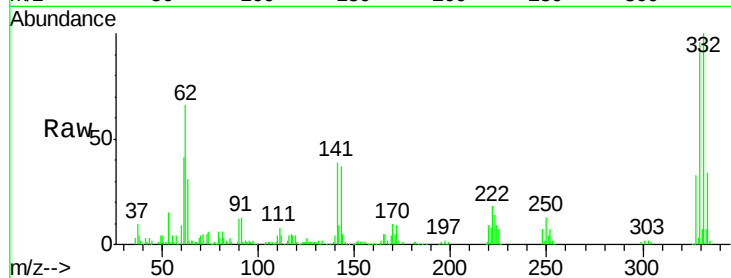




#41
 2,4,6-Tribromophenol
 Concen: 77.655 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103520.D
 Acq: 8 Mar 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-030618-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.5	77.0	115.6
141	48.4	29.9	44.9

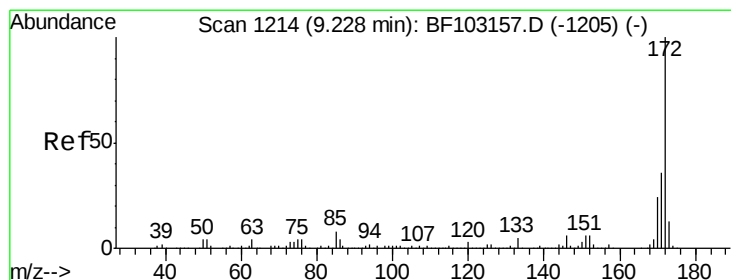
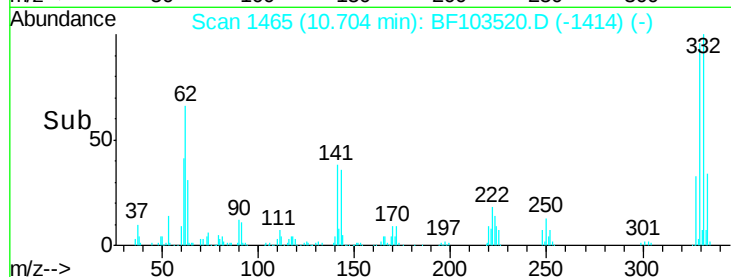
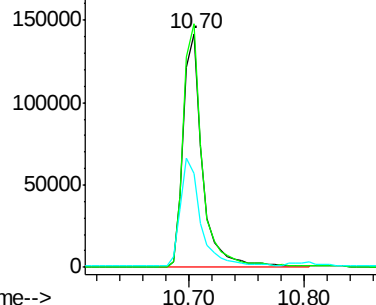


Abundance

Ion 329.80 (329.50 to 330.50): E

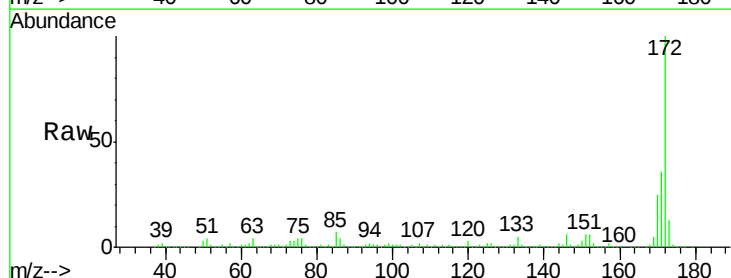
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.346 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103520.D
 Acq: 8 Mar 2018 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	25.1	19.6	29.4

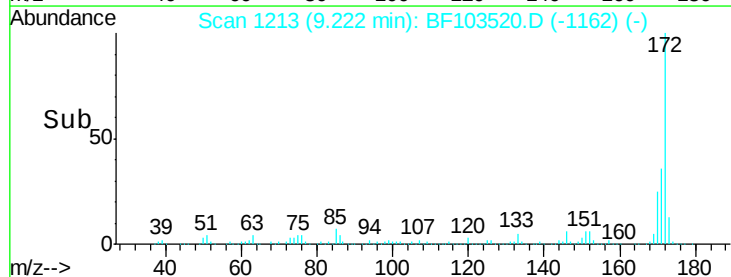
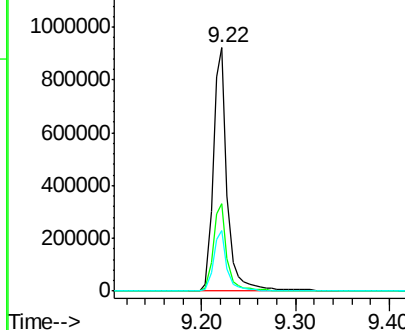


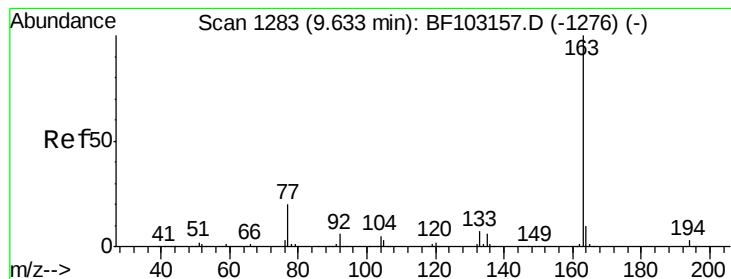
Abundance

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





#49

Dimethylphthalate

Concen: 3.796 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

Instrument :

BNA_F

ClientSampleId :

AU-06-030618-B

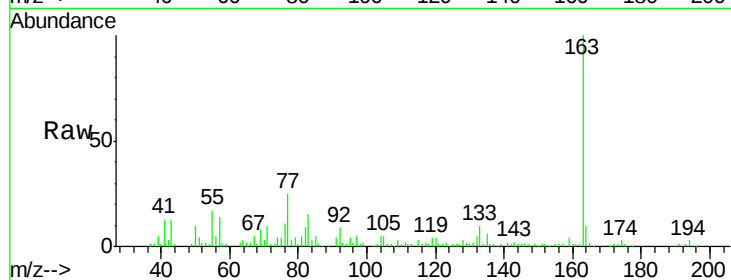
Tot Ion:163 Resp: 77075

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

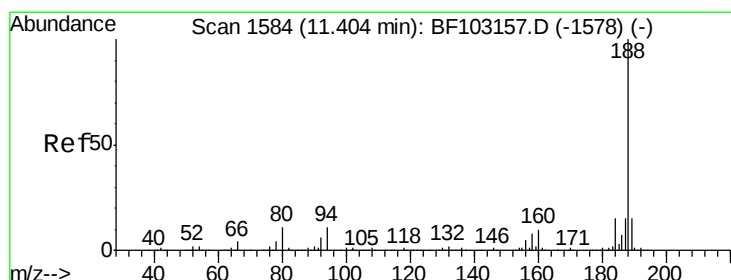
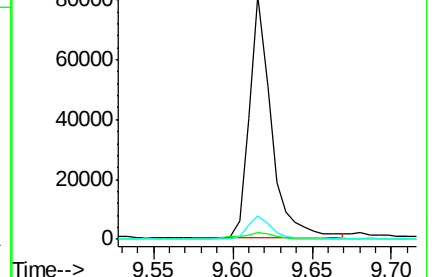
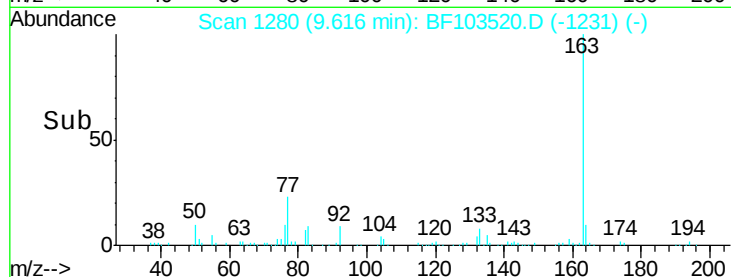
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

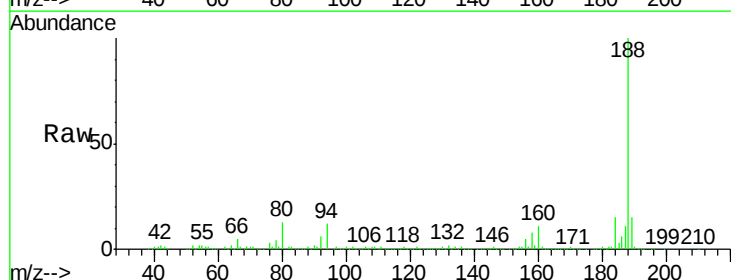
Tgt Ion:188 Resp: 377751

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

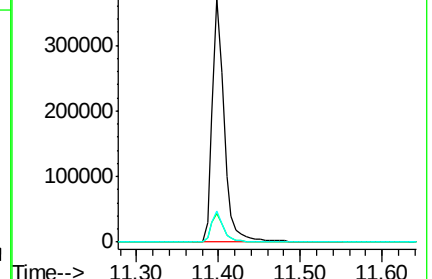
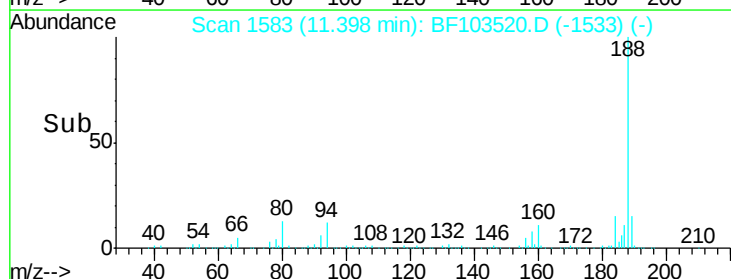
80 13.0 9.2 13.8

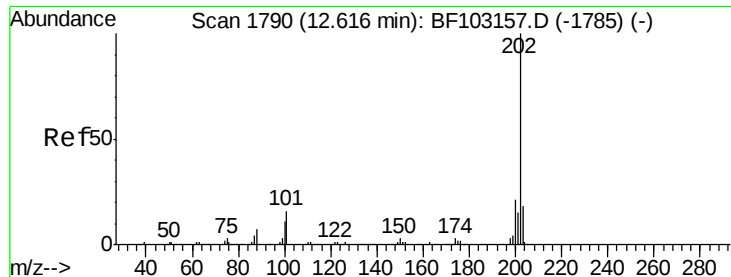


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

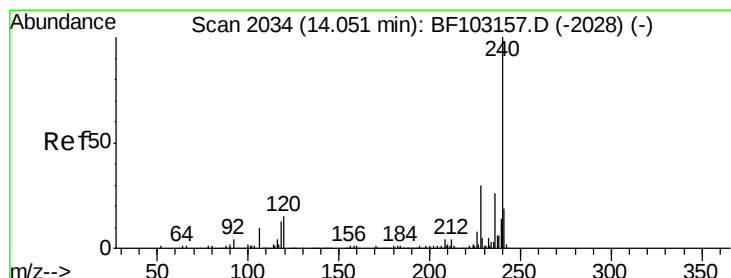
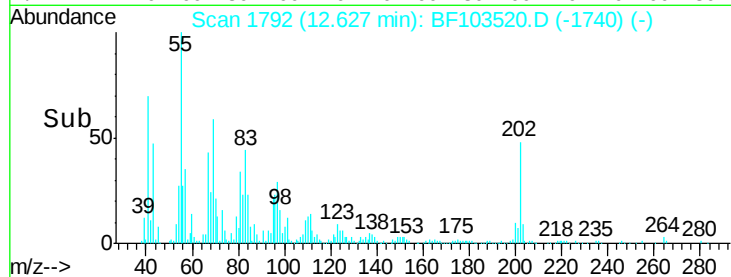
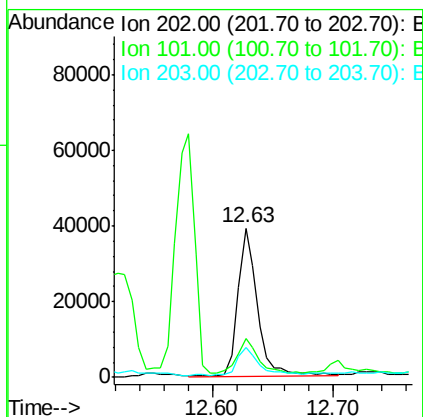
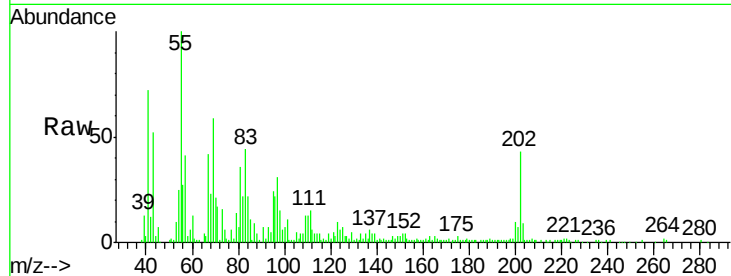




#74
Fluoranthene
Concen: 2.159 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

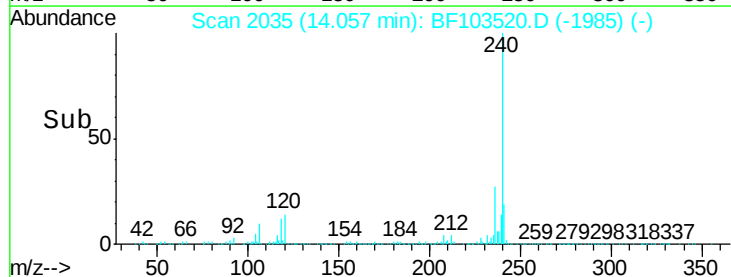
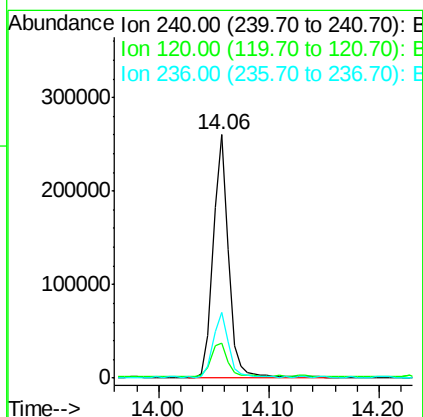
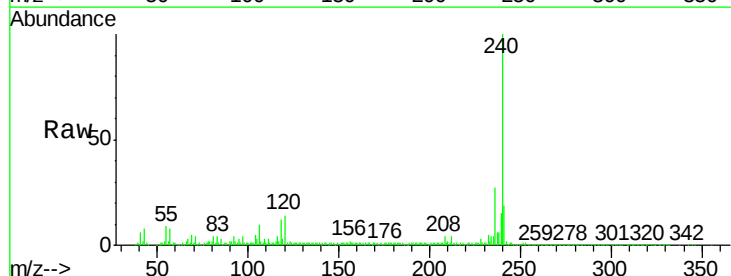
Instrument :
BNA_F
ClientSampleId :
AU-06-030618-B

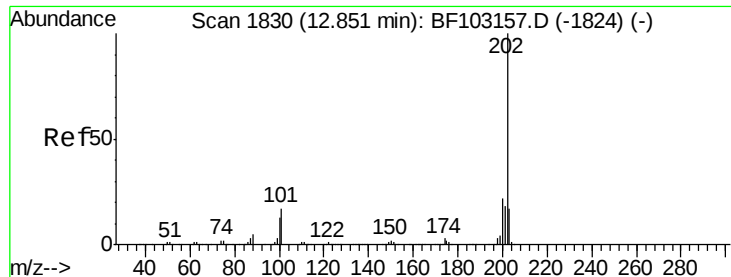
Tot Ion:202 Resp: 45105
Ion Ratio Lower Upper
202 100
101 25.7 0.0 34.1
203 19.9 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:240 Resp: 244256
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 26.8 20.7 31.1





#77

Pvrene

Concen: 2.455 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

Instrument :

BNA_F

ClientSampleId :

AU-06-030618-B

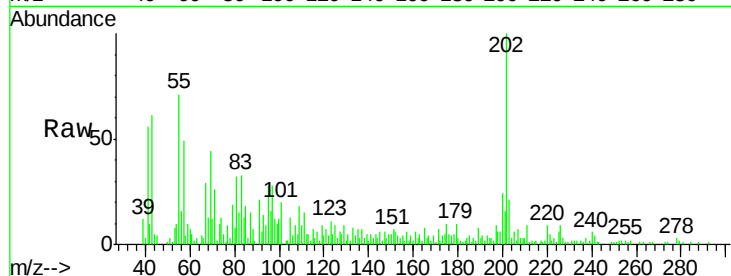
Tot Ion:202 Resp: 46757

Ion Ratio Lower Upper

202 100

200 24.1 17.4 26.2

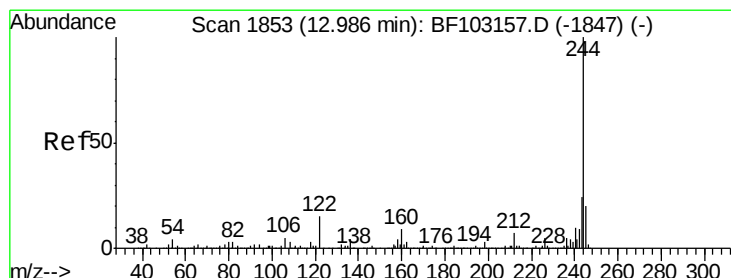
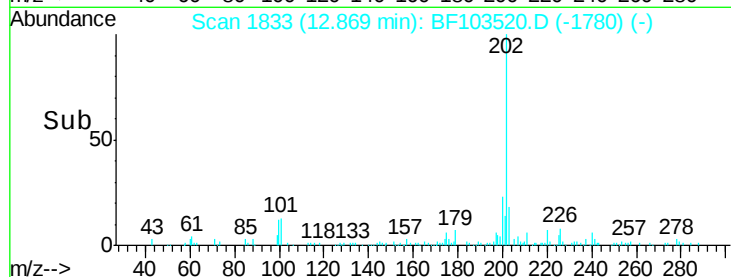
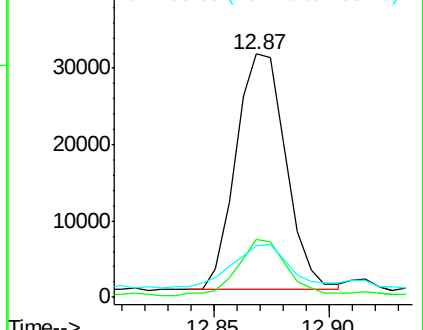
203 21.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.553 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103520.D

Acq: 8 Mar 2018 16:54

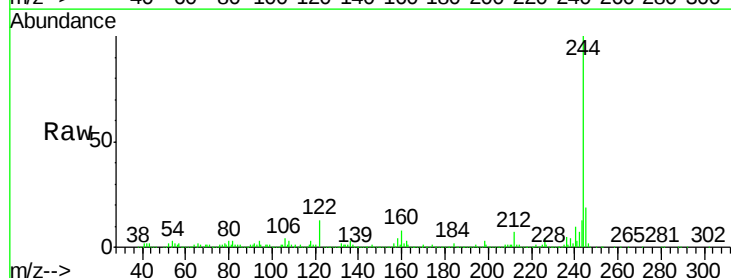
Tgt Ion:244 Resp: 625435

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

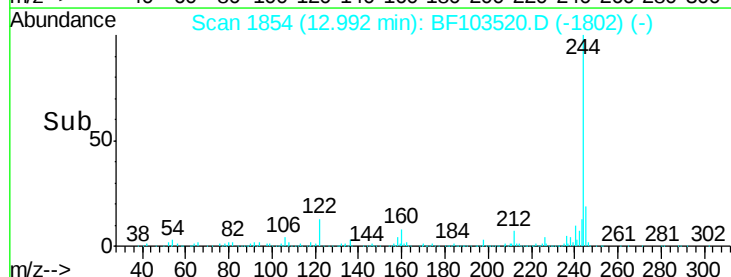
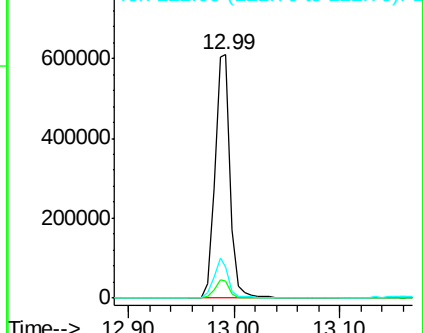
122 12.9 11.0 16.4

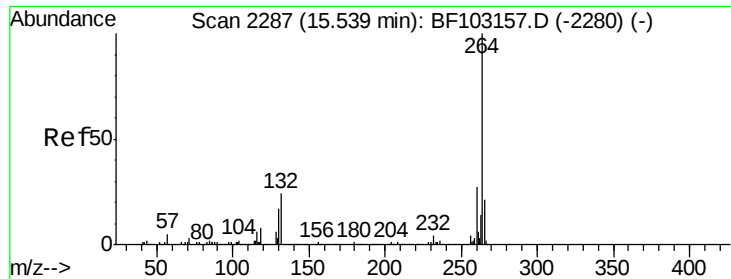


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

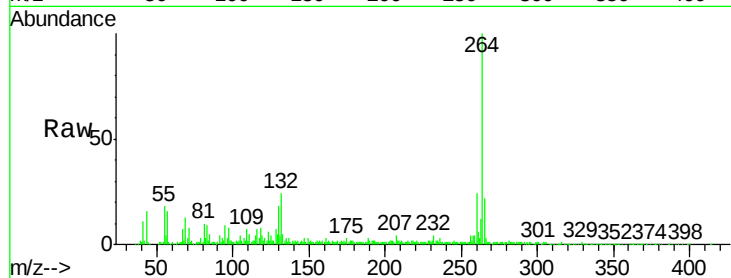




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :
AU-06-030618-B

Tot Ion:	264	Resp:	203755
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	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

