

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103280.D
 Acq On : 27 Feb 2018 22:54
 Operator : SJ/JU
 Sample : J1703-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-004-B

Quant Time: Feb 28 02:27:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

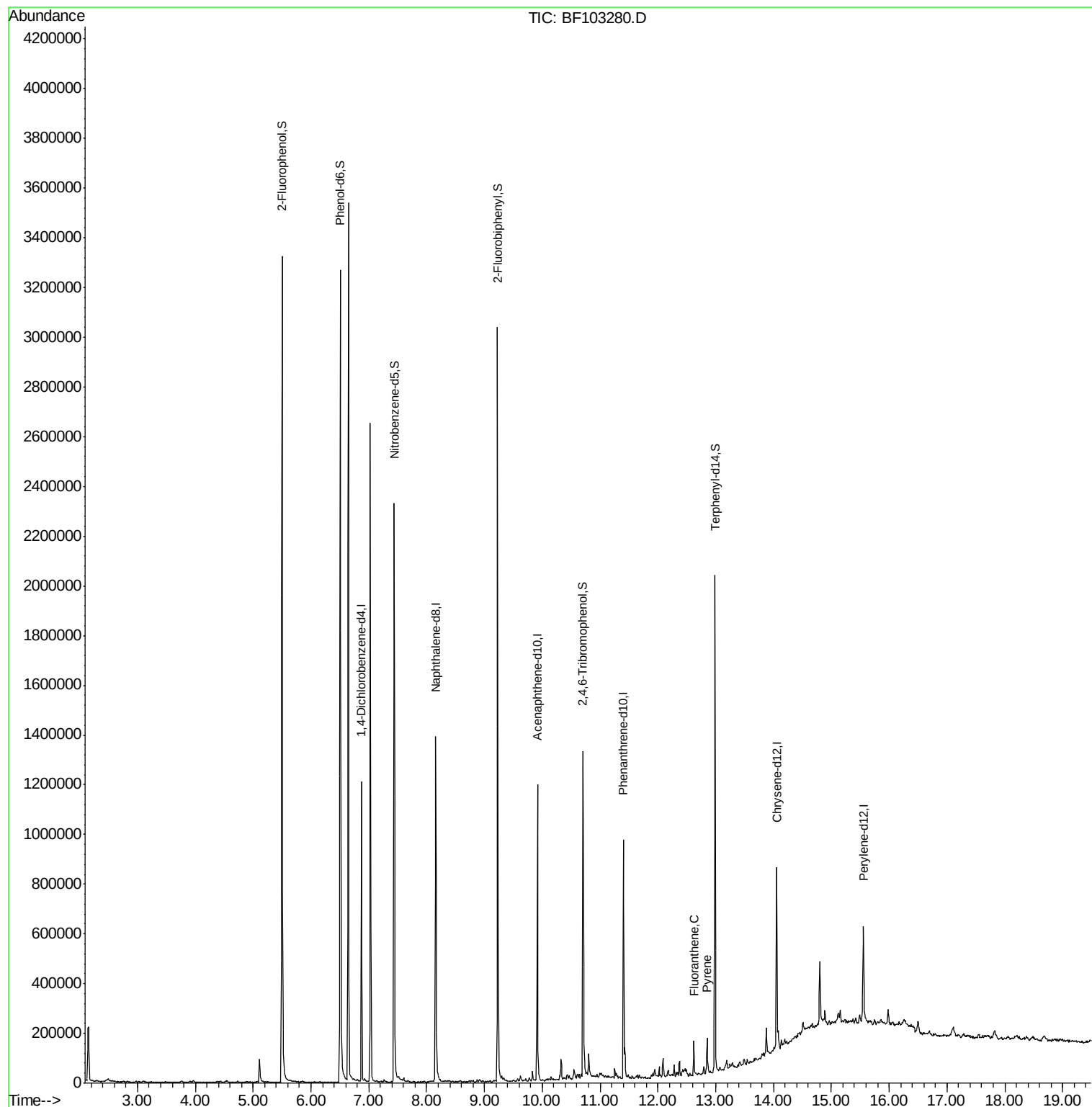
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	155896	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	614397	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	230756	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	338070	20.00	ng	0.00
75) Chrysene-d12	14.06	240	257767	20.00	ng	0.00
86) Perylene-d12	15.56	264	173854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	971045	94.21	ng	0.00
7) Phenol-d6	6.51	99	1160595	92.02	ng	0.00
23) Nitrobenzene-d5	7.44	82	739264	68.71	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	142524	72.97	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	965356	68.84	ng	0.00
78) Terphenyl-d14	12.99	244	664199	61.94	ng	0.00
Target Compounds						
74) Fluoranthene	12.62	202	52624	2.815	ng	97
77) Pyrene	12.86	202	52561	2.615	ng	99

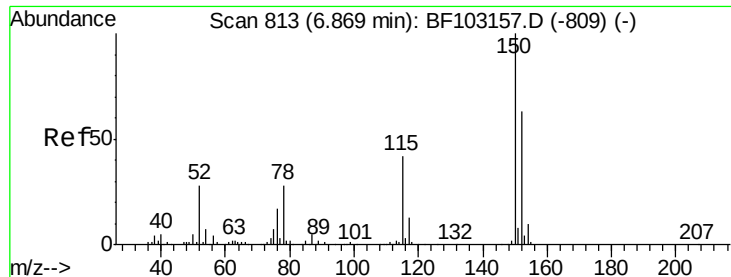
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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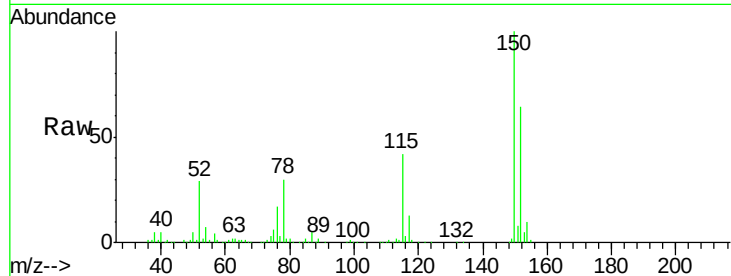


#1

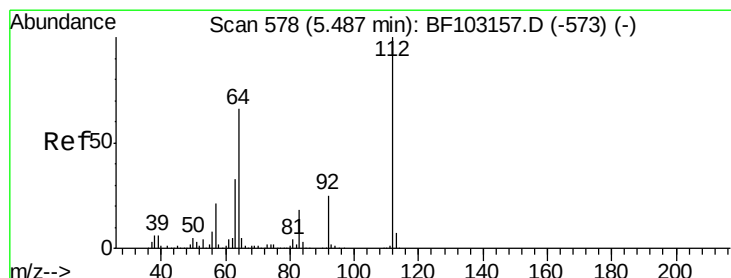
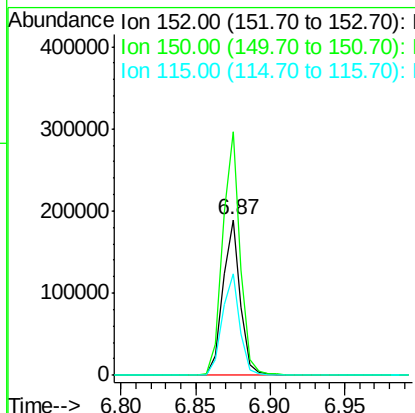
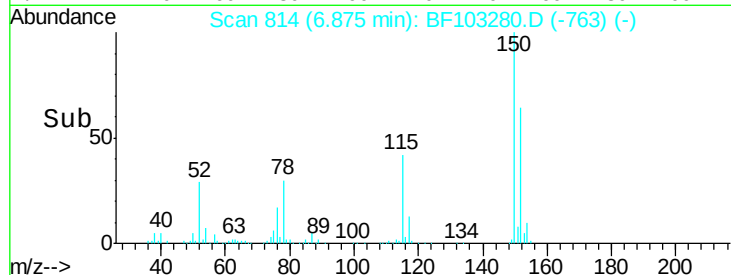
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103280.D
Acq: 27 Feb 2018 22:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-004-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	65.2	50.1	75.1



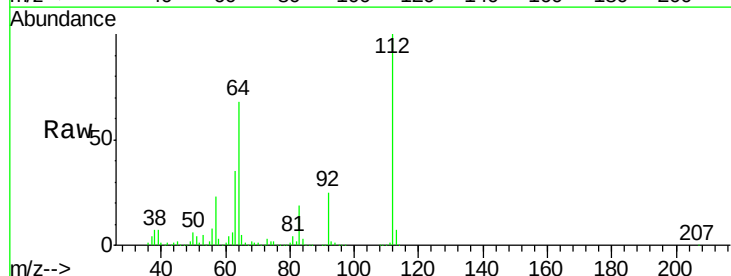
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



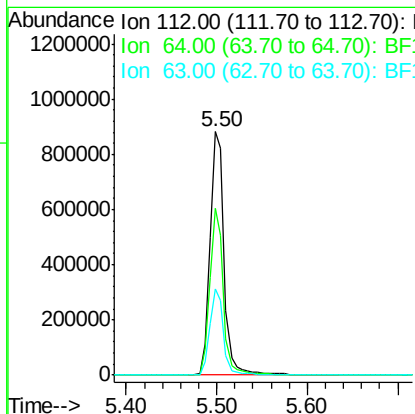
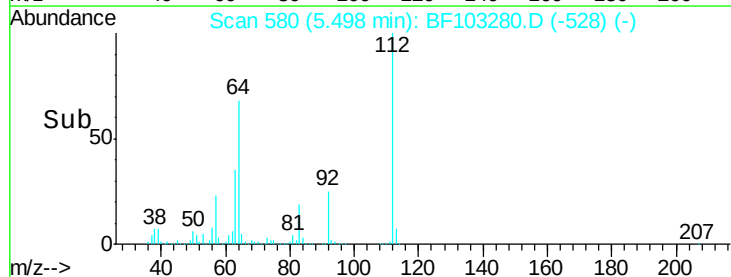
#5

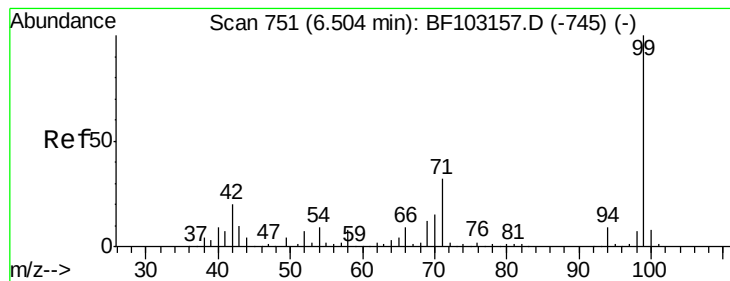
2-Fluorophenol
Concen: 94.206 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103280.D
Acq: 27 Feb 2018 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	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: 92.016 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103280.D

Acq: 27 Feb 2018 22:54

Instrument :

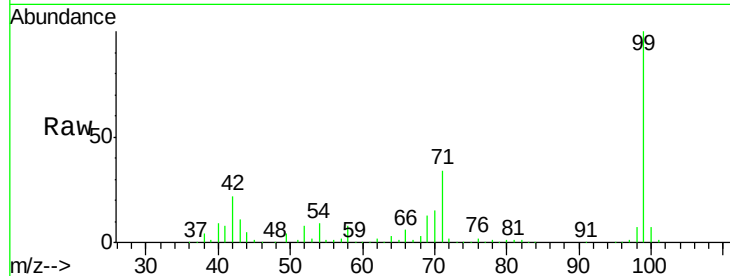
BNA_F

ClientSampleId :

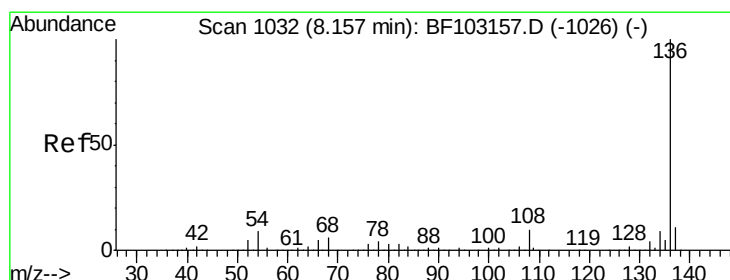
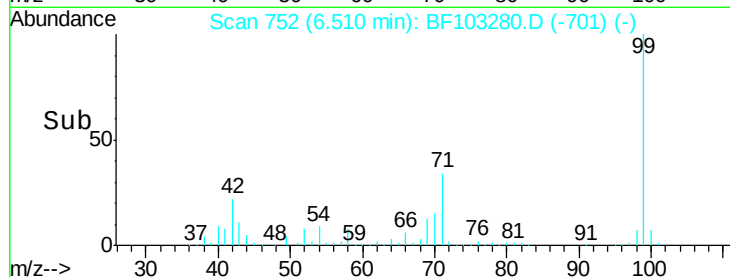
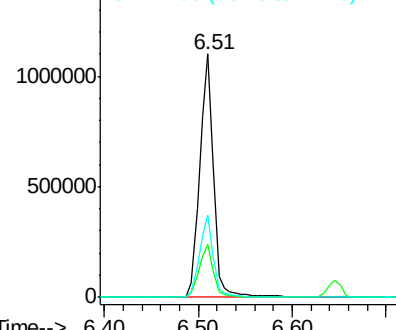
FK-GF-03-004-B

Tot Ion: 99 Resp: 1160595

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	33.6	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: 8.16 min Scan# 1032

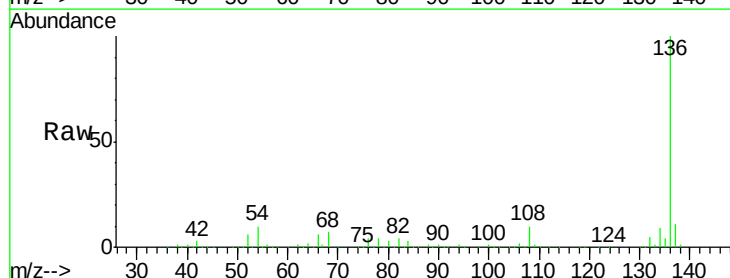
Delta R.T. 0.00 min

Lab File: BF103280.D

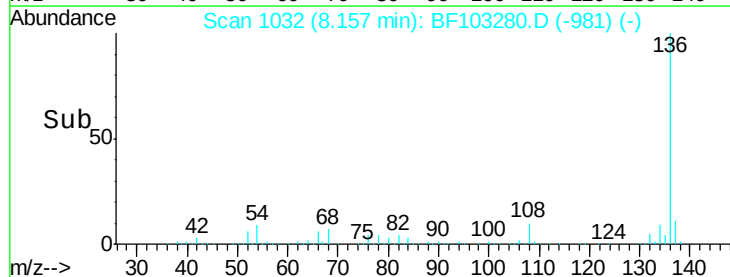
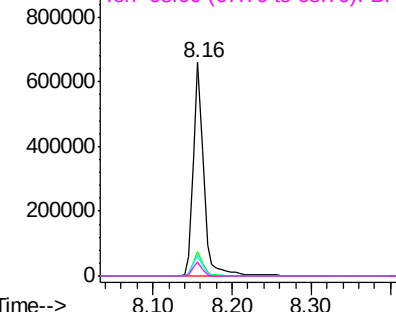
Acq: 27 Feb 2018 22:54

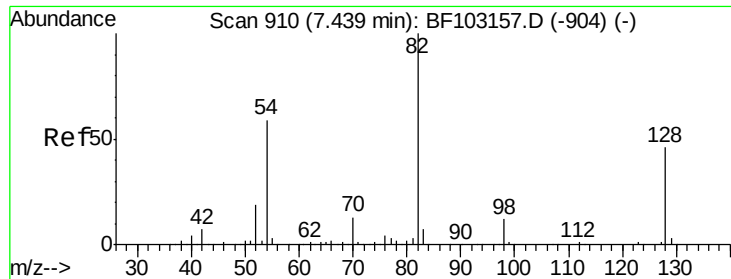
Tgt Ion: 136 Resp: 614397

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.5	6.6	9.8
68	6.6	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

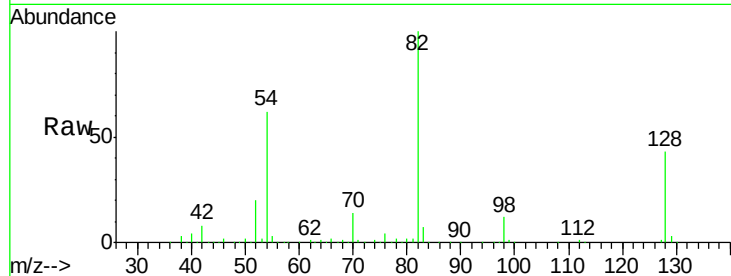




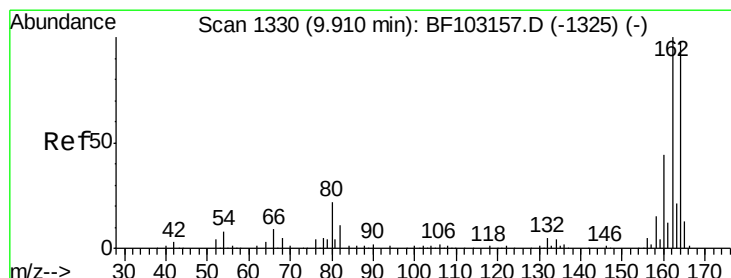
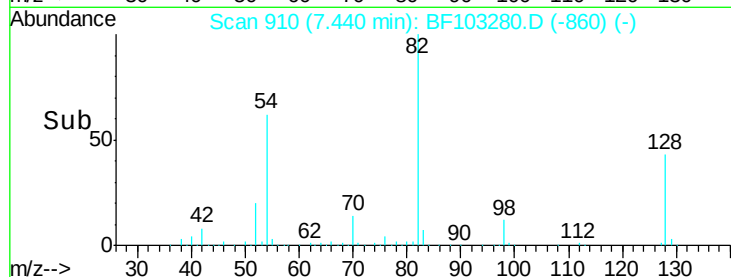
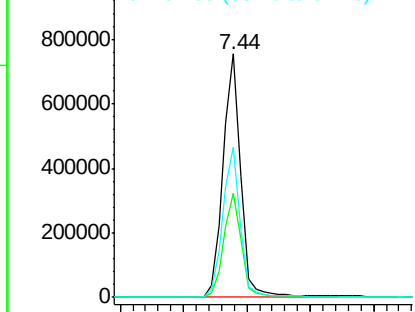
#23
Nitrobenzene-d5
Concen: 68.715 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103280.D
Acq: 27 Feb 2018 22:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-004-B

Tot Ion: 82 Resp: 739264
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 61.7 41.4 62.2

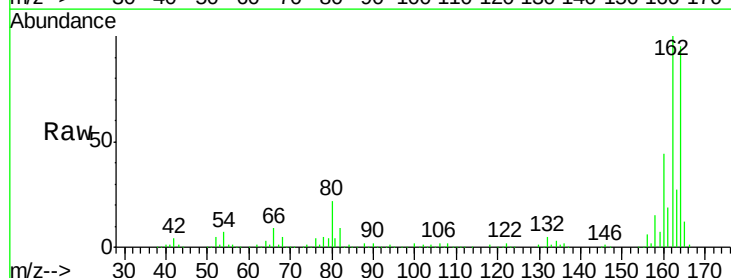


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

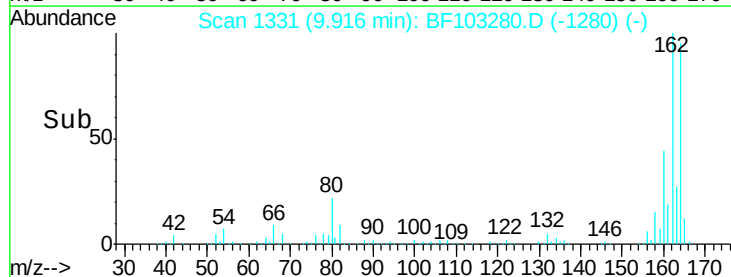
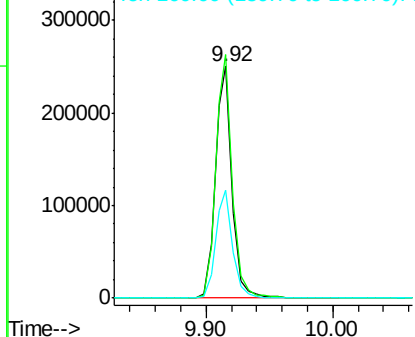


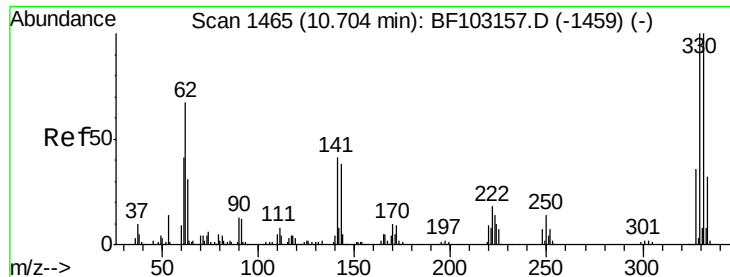
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103280.D
Acq: 27 Feb 2018 22:54

Tgt Ion:164 Resp: 230756
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 46.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

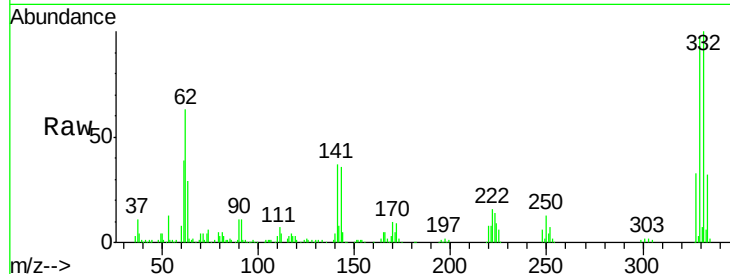




#41
 2,4,6-Tribromophenol
 Concen: 72.969 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103280.D
 Acq: 27 Feb 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-004-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	48.7	29.9	44.9

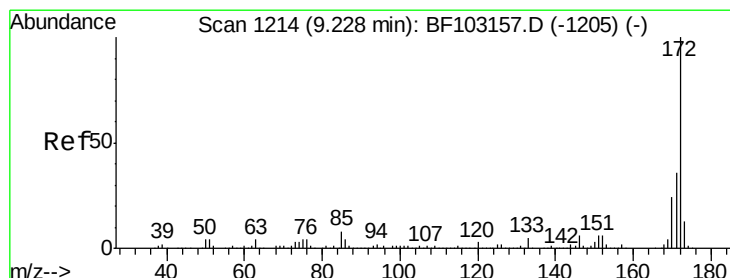
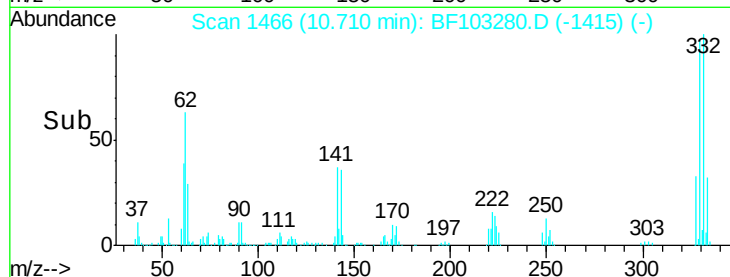
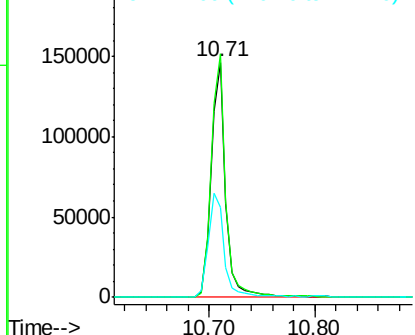


Abundance

Ion 329.80 (329.50 to 330.50): E

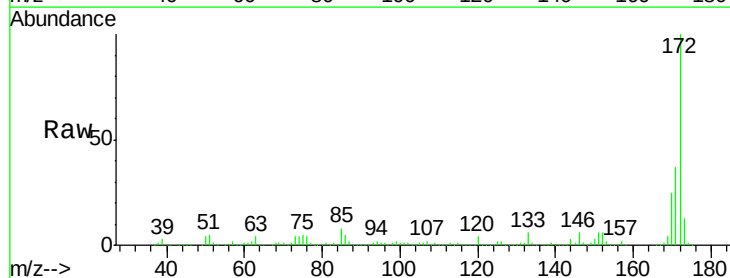
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.837 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103280.D
 Acq: 27 Feb 2018 22:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	25.3	19.6	29.4

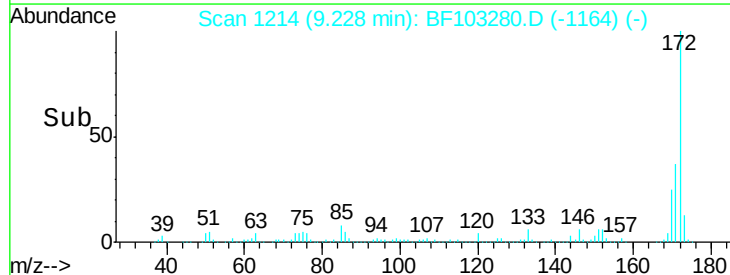
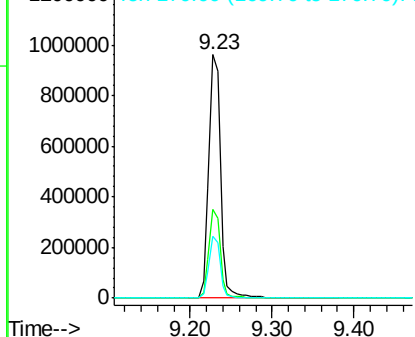


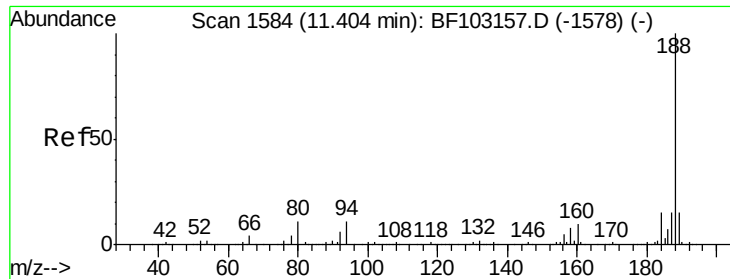
Abundance

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

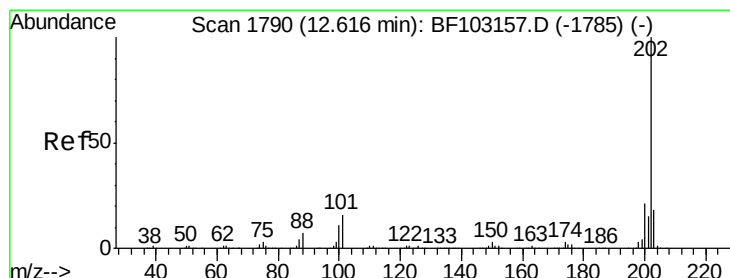
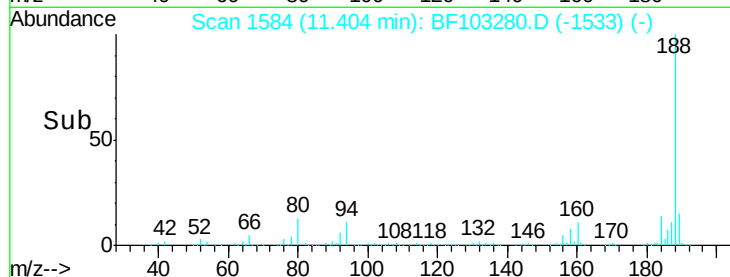
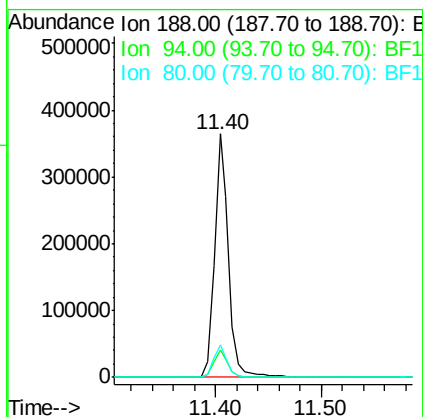
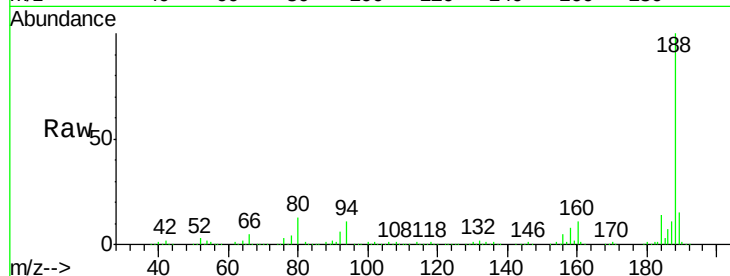




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103280.D
Acq: 27 Feb 2018 22:54

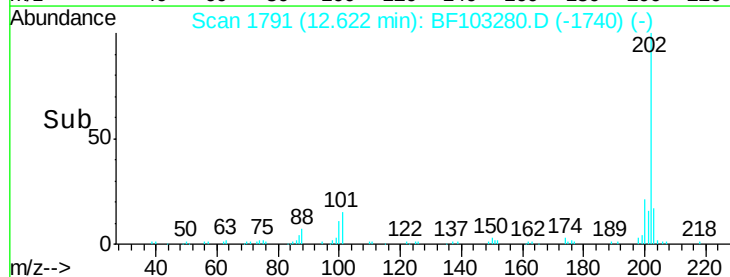
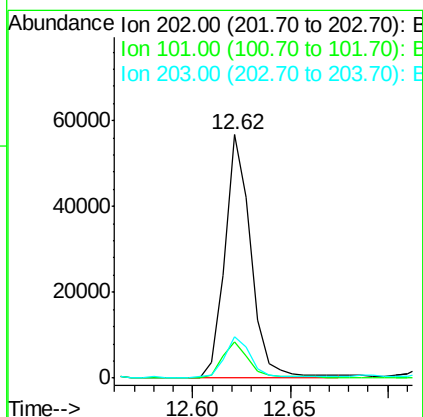
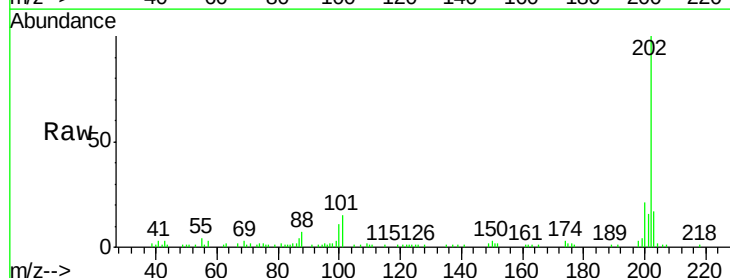
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-004-B

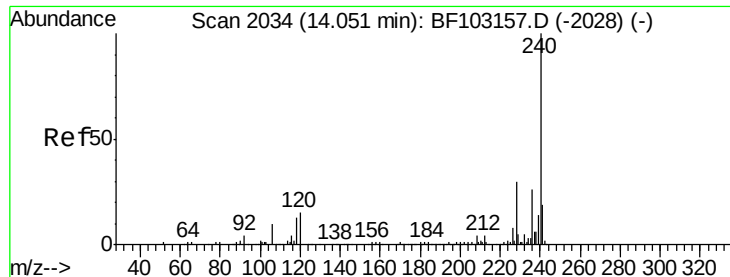
Tot Ion:188 Resp: 338070
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 13.1 9.2 13.8



#74
Fluoranthene
Concen: 2.815 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103280.D
Acq: 27 Feb 2018 22:54

Tgt Ion:202 Resp: 52624
Ion Ratio Lower Upper
202 100
101 15.1 0.0 34.1
203 16.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103280.D

Acq: 27 Feb 2018 22:54

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-004-B

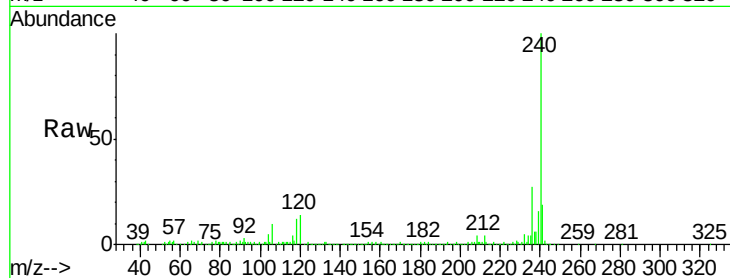
Tot Ion:240 Resp: 257767

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

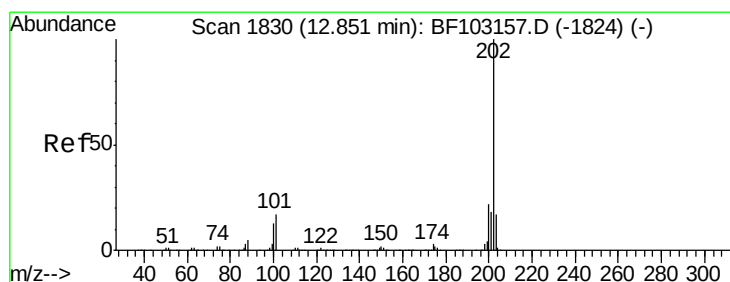
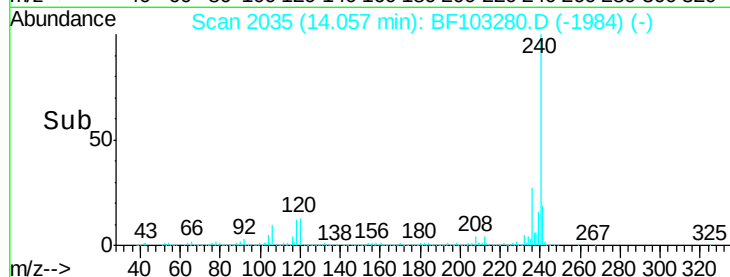
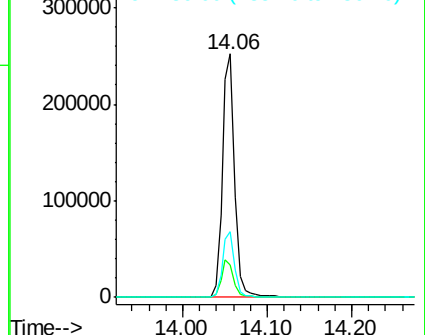
236 27.0 20.7 31.1



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



#77

Pyrene

Concen: 2.615 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103280.D

Acq: 27 Feb 2018 22:54

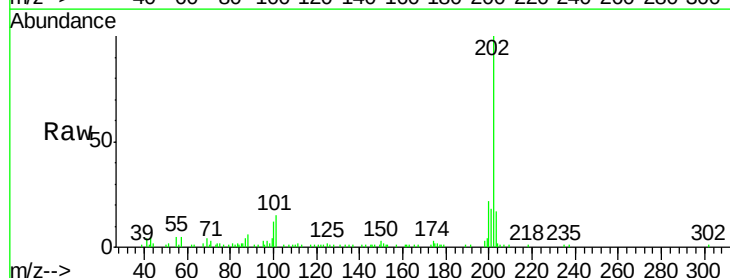
Tgt Ion:202 Resp: 52561

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

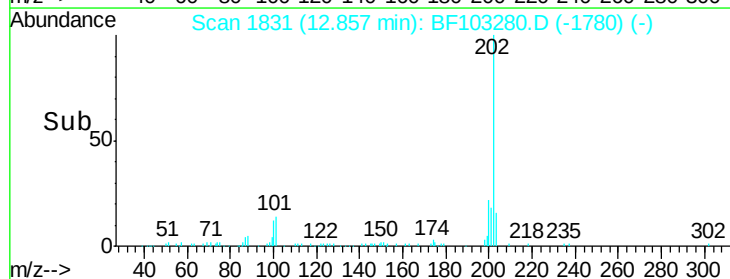
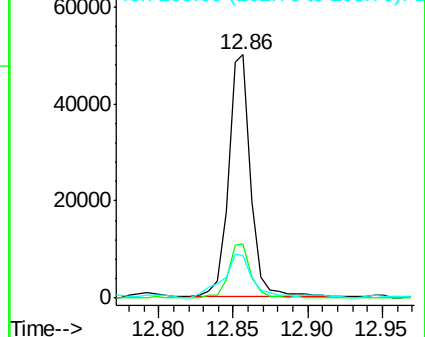
203 17.3 14.3 21.5

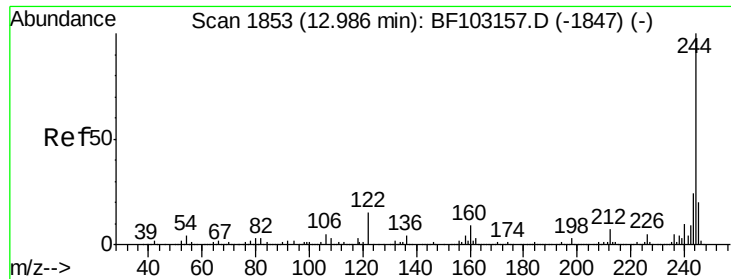


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.941 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103280.D

Acq: 27 Feb 2018 22:54

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-004-B

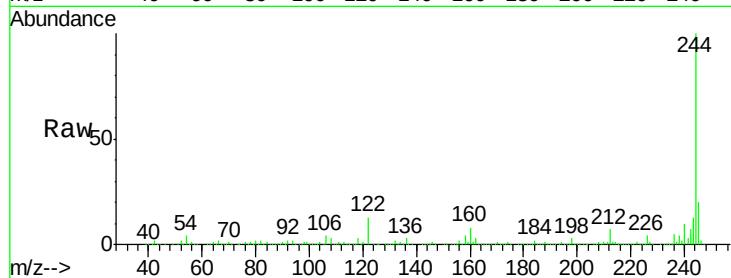
Tot Ion:244 Resp: 664199

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

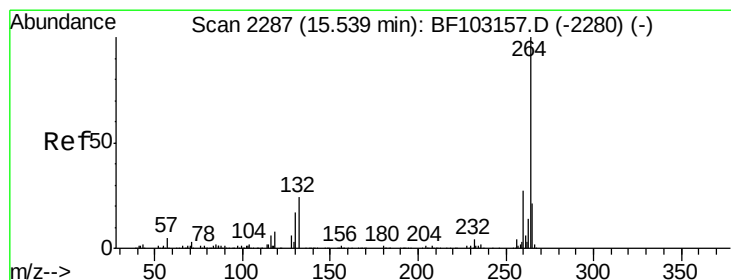
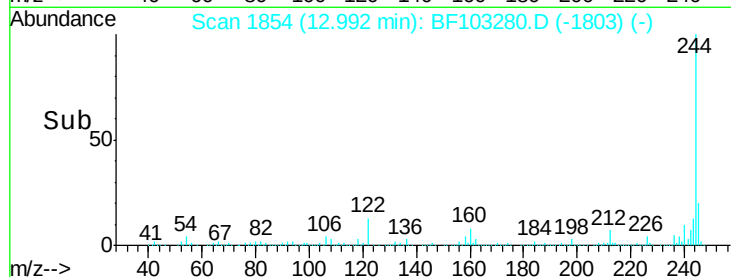
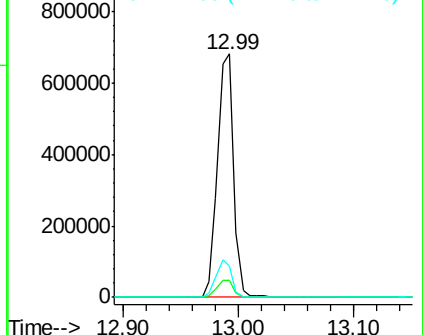
122 12.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BF103280.D

Acq: 27 Feb 2018 22:54

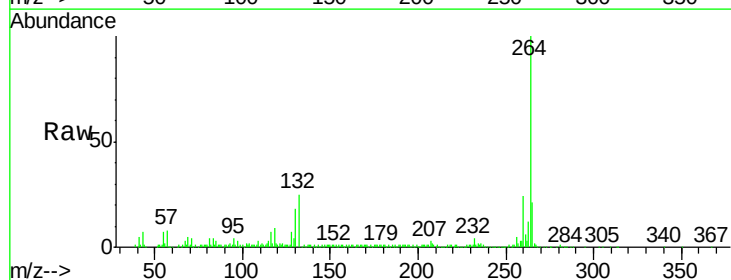
Tgt Ion:264 Resp: 173854

Ion Ratio Lower Upper

264 100

260 23.6 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

