

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103234.D
 Acq On : 26 Feb 2018 22:50
 Operator : SJ/JU
 Sample : J1691-49 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B13

Quant Time: Feb 27 01:16:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

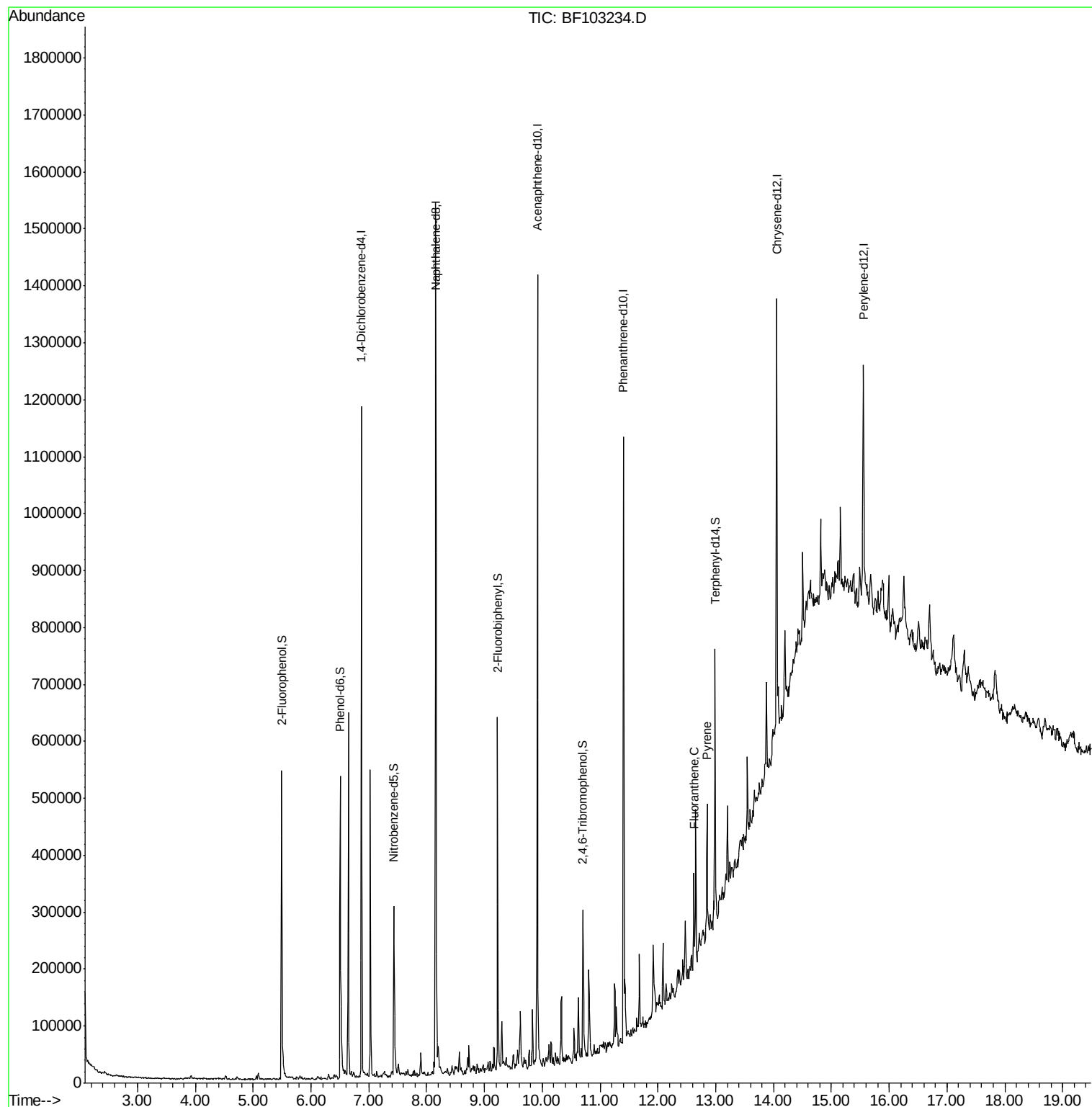
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	164262	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	663454	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	265680	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	403999	20.00	ng	0.00
75) Chrysene-d12	14.06	240	267101	20.00	ng	0.00
86) Perylene-d12	15.56	264	188182	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	165684	15.26	ng	0.00
7) Phenol-d6	6.50	99	206224	15.52	ng	0.00
23) Nitrobenzene-d5	7.43	82	110787	9.54	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	27196	12.09	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	187351	7.84	ng	0.00
78) Terphenyl-d14	12.99	244	134834	12.13	ng	0.00
Target Compounds						
74) Fluoranthene	12.62	202	57144	2.558	ng	96
77) Pyrene	12.85	202	50586	2.429	ng	97

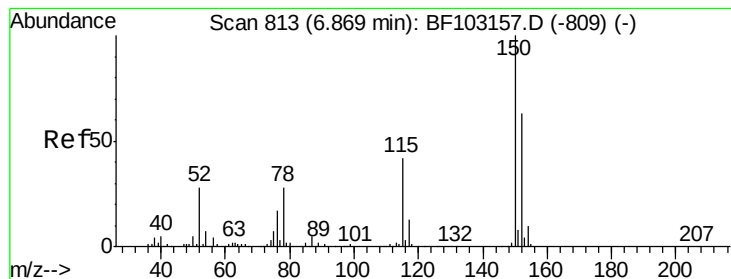
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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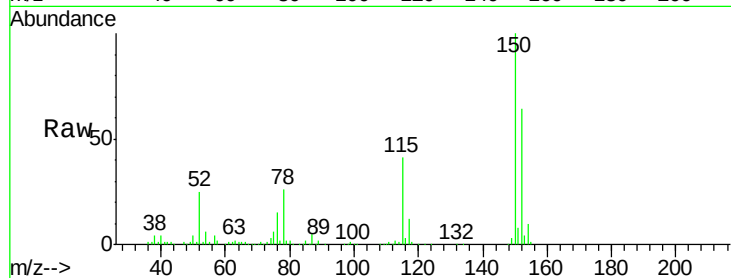


#1

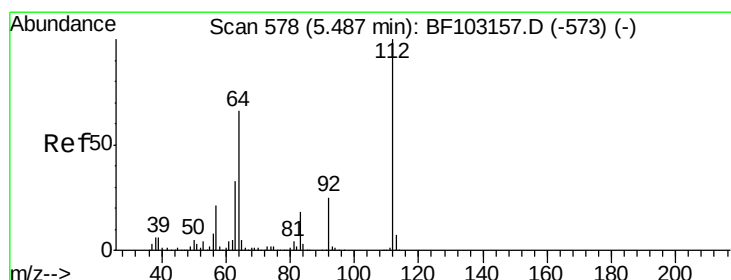
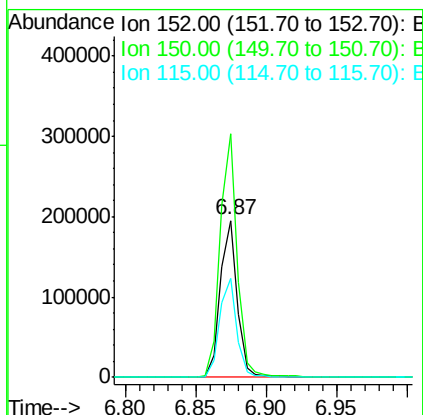
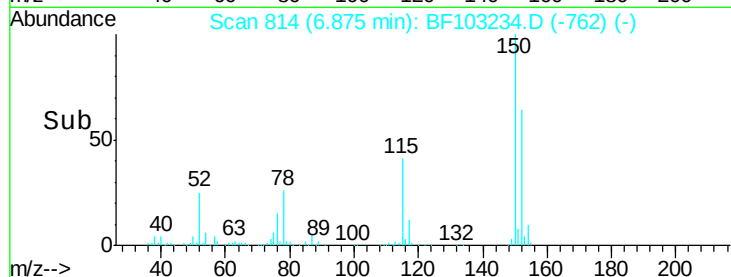
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103234.D
Acq: 26 Feb 2018 22:50

Instrument :
BNA_F
ClientSampleId :
B13

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	63.3	50.1	75.1



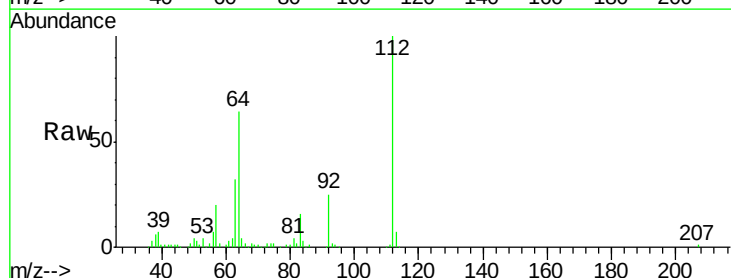
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



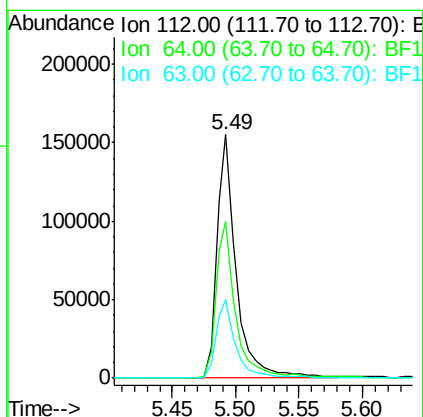
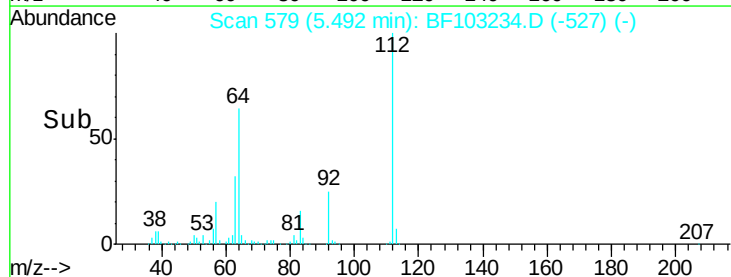
#5

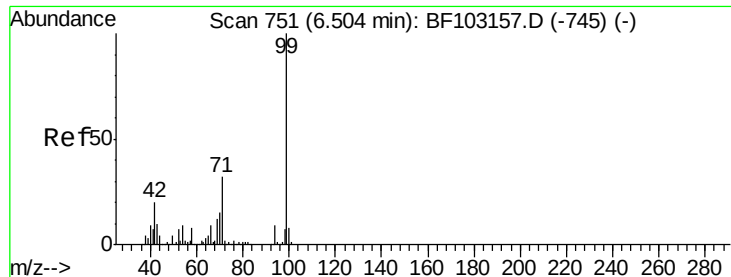
2-Fluorophenol
Concen: 15.255 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103234.D
Acq: 26 Feb 2018 22:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	32.5	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: 15.517 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103234.D

Acq: 26 Feb 2018 22:50

Instrument :

BNA_F

ClientSampled :

B13

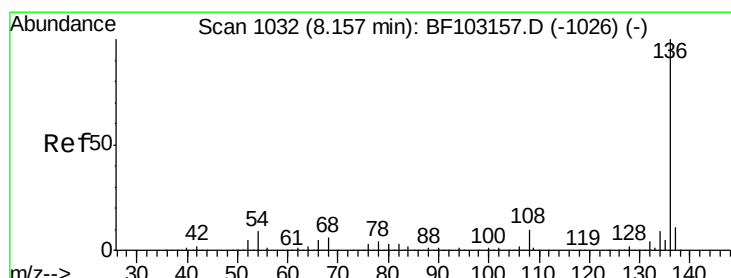
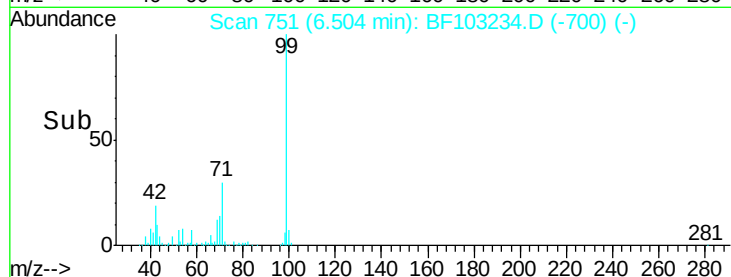
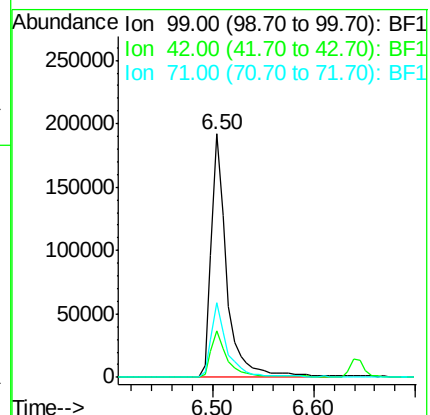
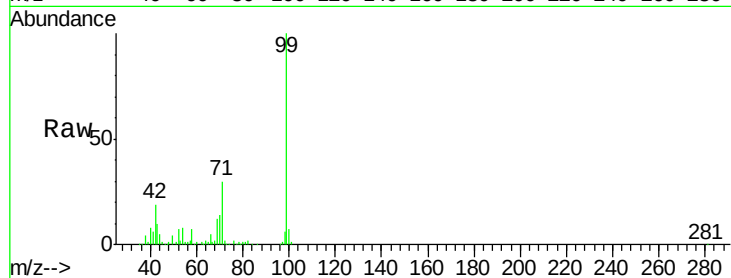
Tot Ion: 99 Resp: 206224

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 30.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103234.D

Acq: 26 Feb 2018 22:50

Tgt Ion: 136 Resp: 663454

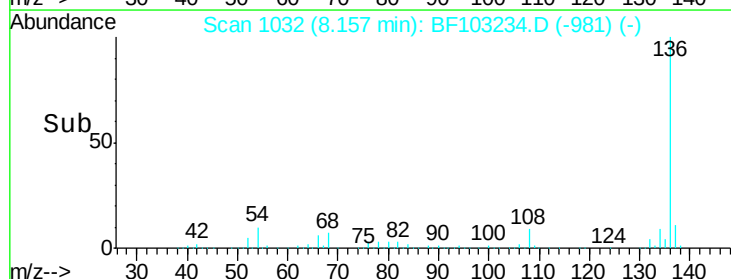
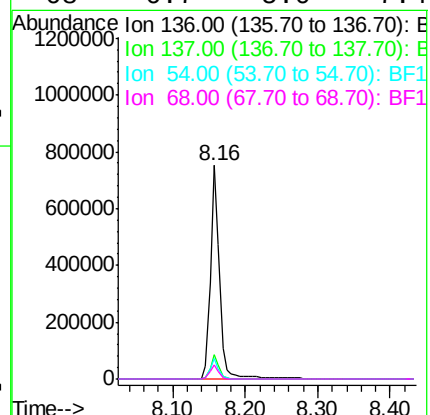
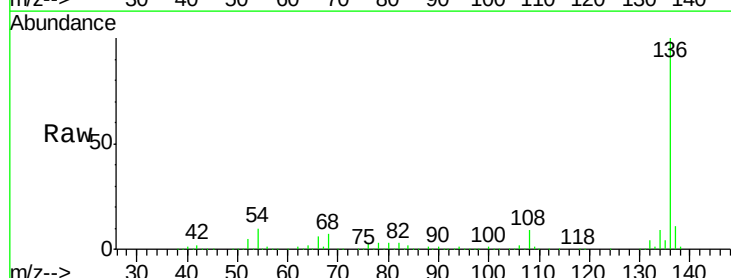
Ion Ratio Lower Upper

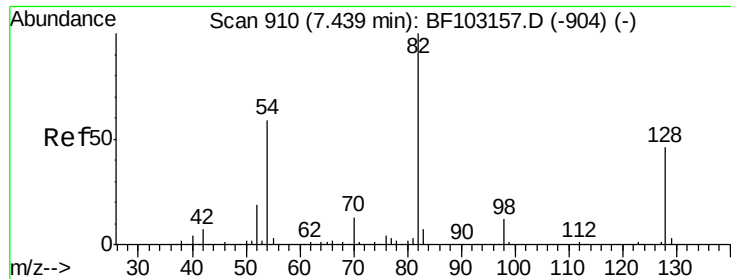
136 100

137 11.3 8.9 13.3

54 9.7 6.6 9.8

68 6.7 5.0 7.4

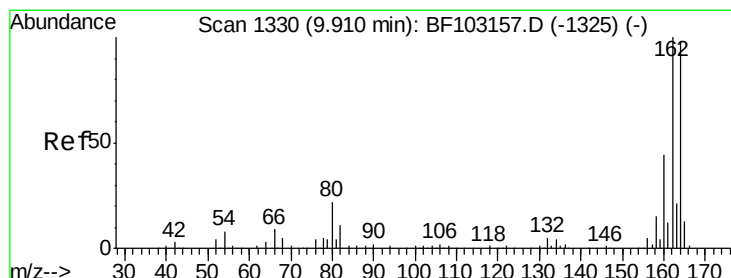
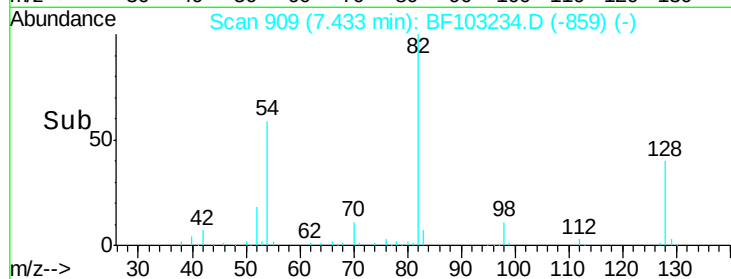
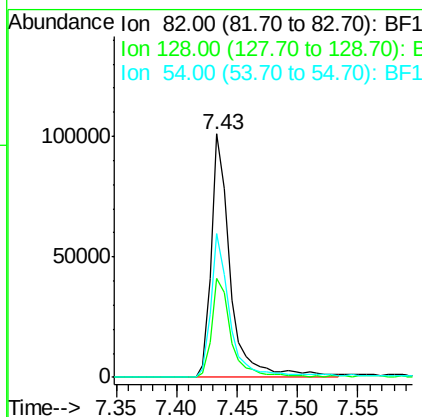
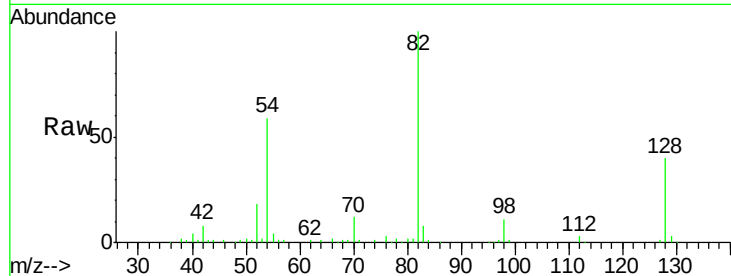




#23
 Nitrobenzene-d5
 Concen: 9.536 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103234.D
 Acq: 26 Feb 2018 22:50

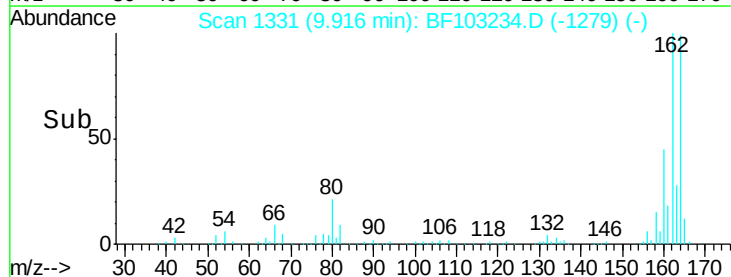
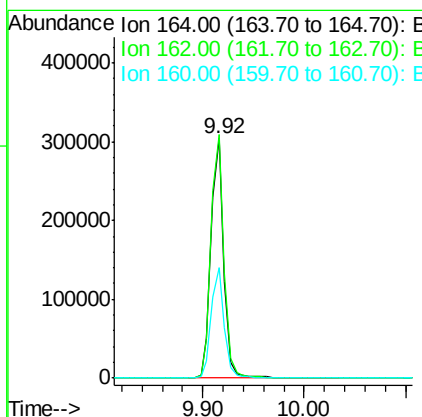
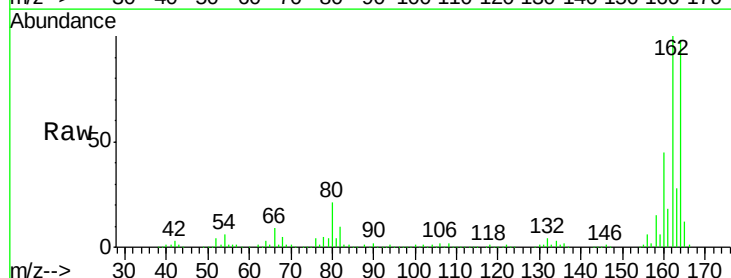
Instrument :
 BNA_F
 ClientSampleId :
 B13

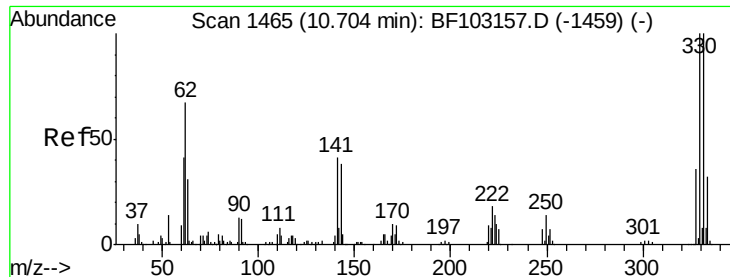
Tot Ion	82	Resp	110787
Ion Ratio	Lower	Upper	
82	100		
128	40.4	36.1	54.1
54	58.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF103234.D
 Acq: 26 Feb 2018 22:50

Tgt Ion	164	Resp	265680
Ion Ratio	Lower	Upper	
164	100		
162	101.6	86.1	129.1
160	46.0	38.3	57.5

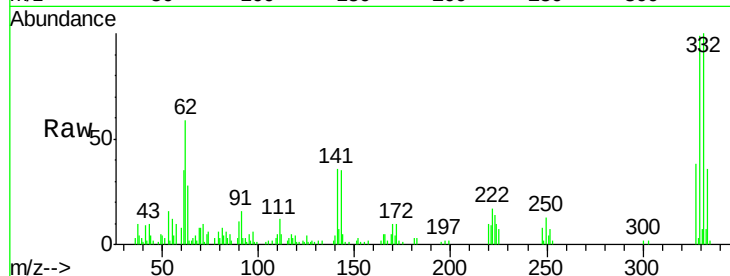




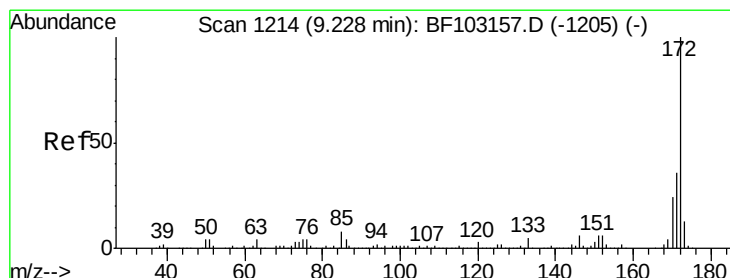
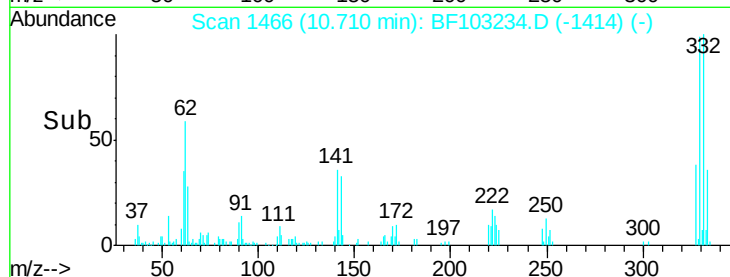
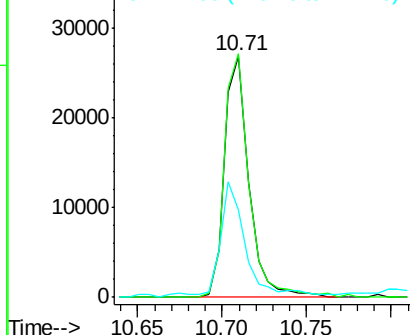
#41
 2,4,6-Tribromophenol
 Concen: 12.093 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103234.D
 Acq: 26 Feb 2018 22:50

Instrument :
 BNA_F
 ClientSampleId :
 B13

Tot Ion	330	332	141
Resp:	27196		
Ion Ratio	100	102.1	52.1
Lower		77.0	29.9
Upper		115.6	44.9

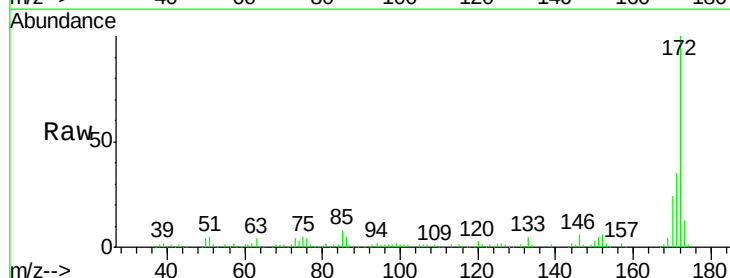


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

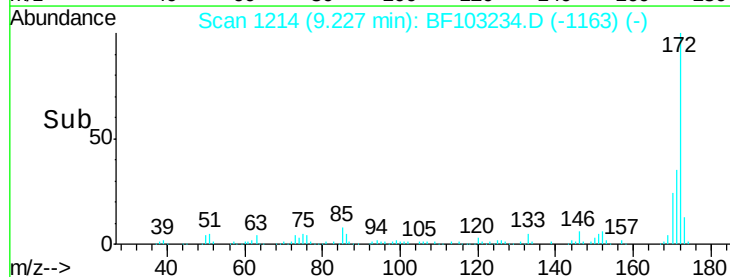
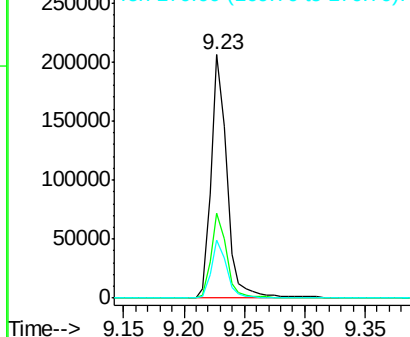


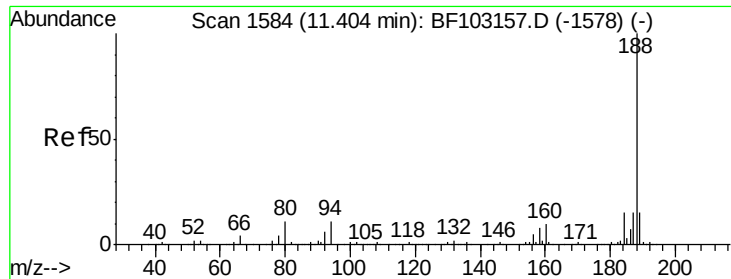
#44
 2-Fluorobiphenyl
 Concen: 7.835 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103234.D
 Acq: 26 Feb 2018 22:50

Tgt Ion	172	171	170
Resp:	187351		
Ion Ratio	100	34.8	24.0
Lower		29.7	19.6
Upper		44.5	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

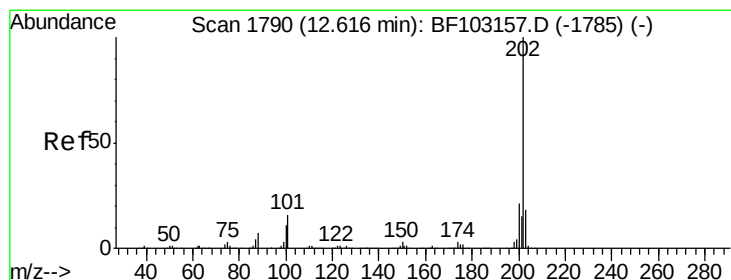
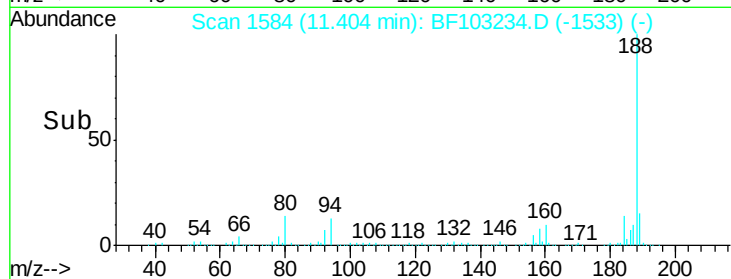
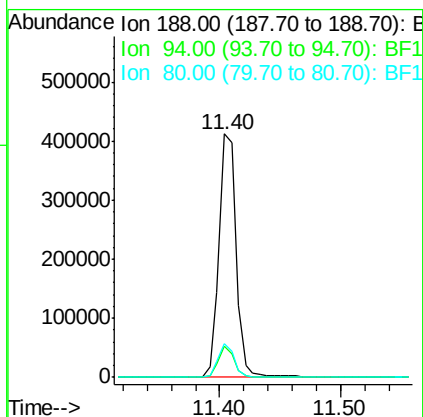
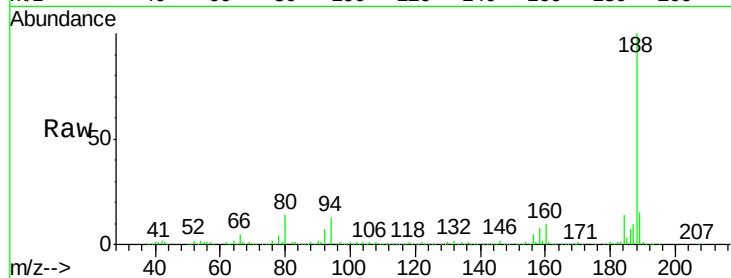




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103234.D
Acq: 26 Feb 2018 22:50

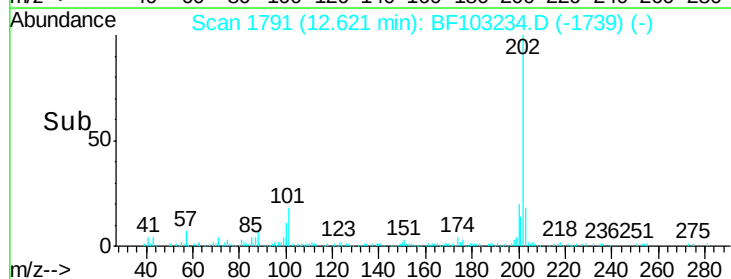
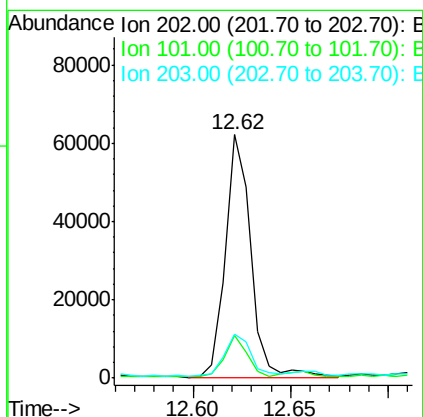
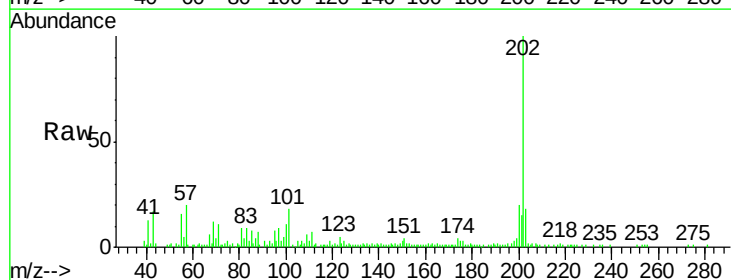
Instrument :
BNA_F
ClientSampled :
B13

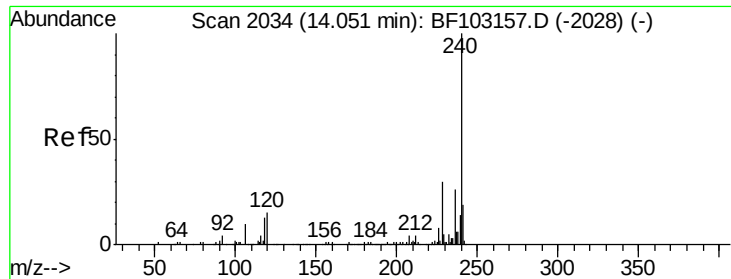
Tot Ion:188 Resp: 403999
Ion Ratio Lower Upper
188 100
94 12.8 8.5 12.7#
80 13.8 9.2 13.8#



#74
Fluoranthene
Concen: 2.558 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF103234.D
Acq: 26 Feb 2018 22:50

Tgt Ion:202 Resp: 57144
Ion Ratio Lower Upper
202 100
101 17.6 0.0 34.1
203 17.9 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: BF103234.D

Acq: 26 Feb 2018 22:50

Instrument :

BNA_F

ClientSampleId :

B13

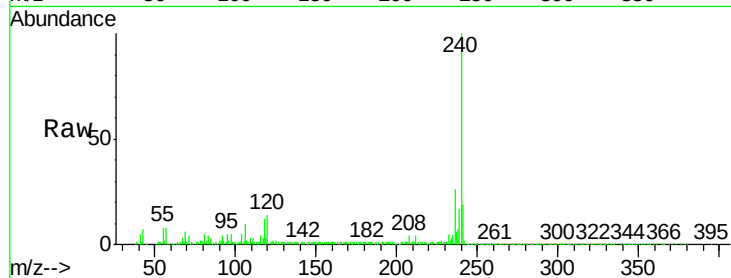
Tot Ion:240 Resp: 267101

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

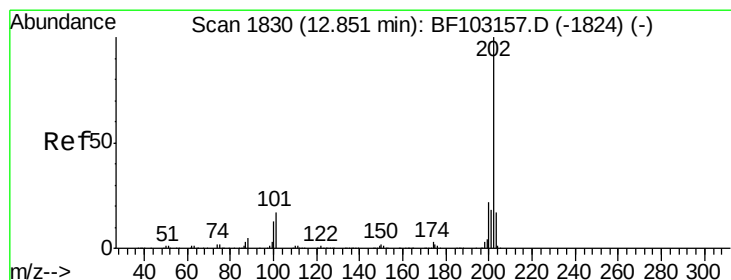
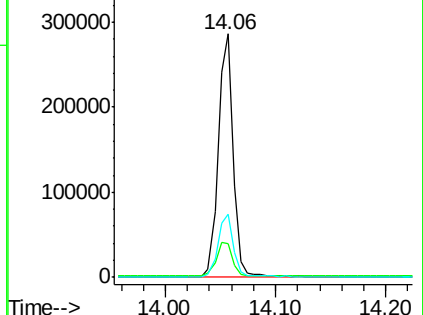
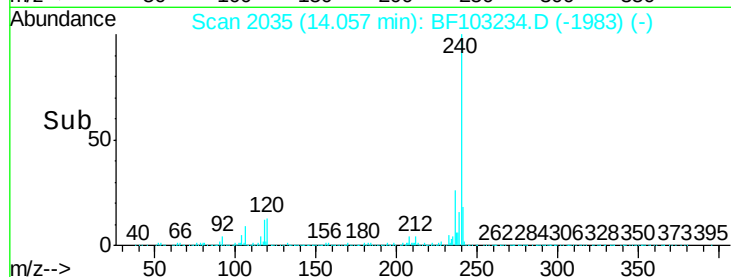
236 25.9 20.7 31.1



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: 2.429 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103234.D

Acq: 26 Feb 2018 22:50

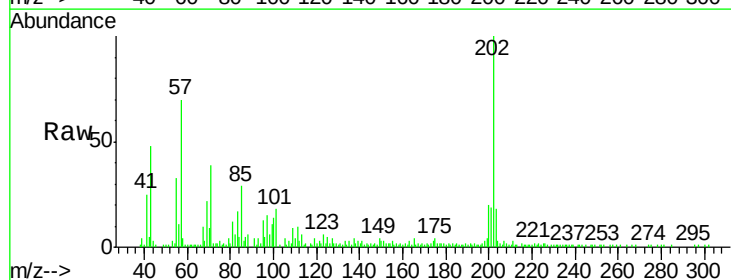
Tgt Ion:202 Resp: 50586

Ion Ratio Lower Upper

202 100

200 19.7 17.4 26.2

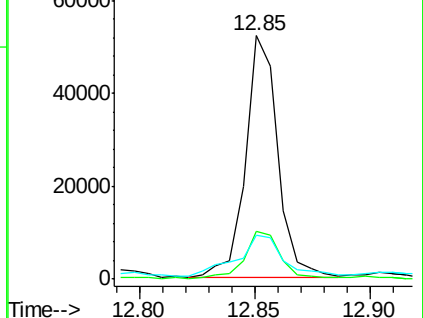
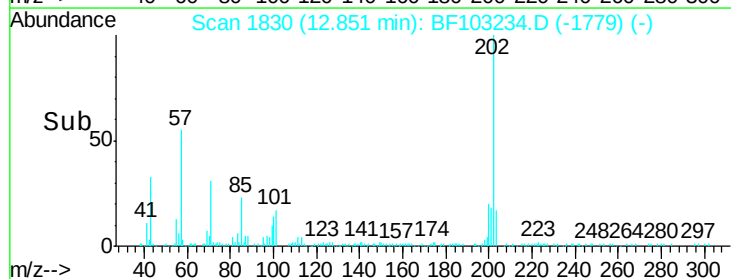
203 18.1 14.3 21.5

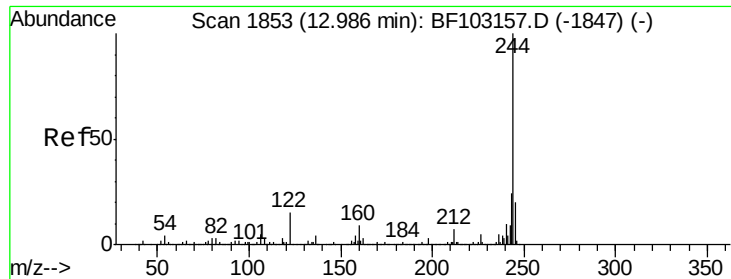


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 12.135 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103234.D

Acq: 26 Feb 2018 22:50

Instrument :

BNA_F

ClientSampleId :

B13

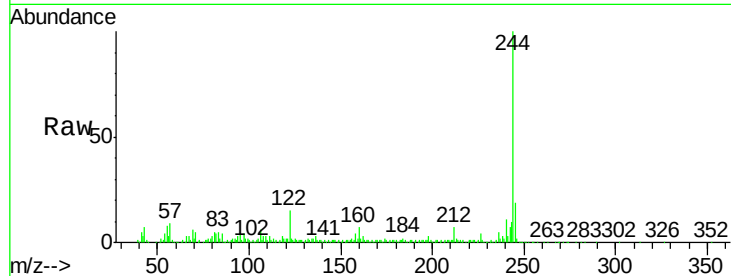
Tot Ion:244 Resp: 134834

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

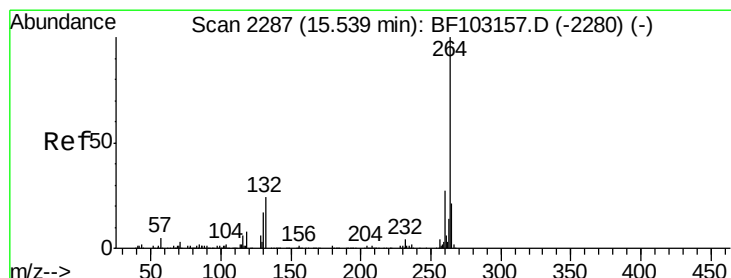
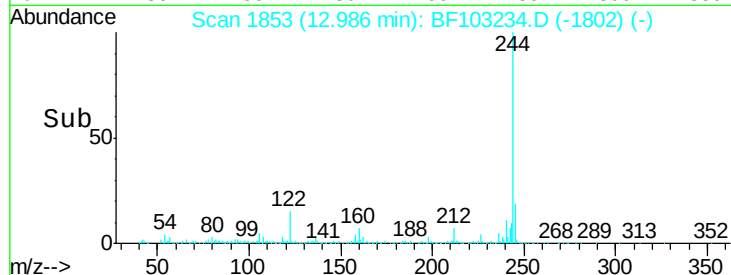
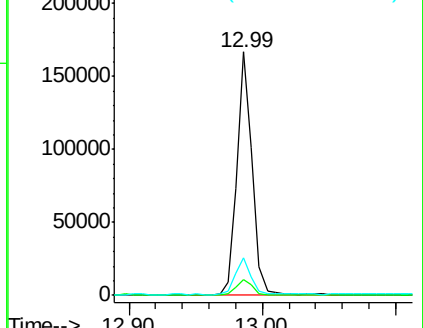
122 15.4 11.0 16.4



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. 0.02 min

Lab File: BF103234.D

Acq: 26 Feb 2018 22:50

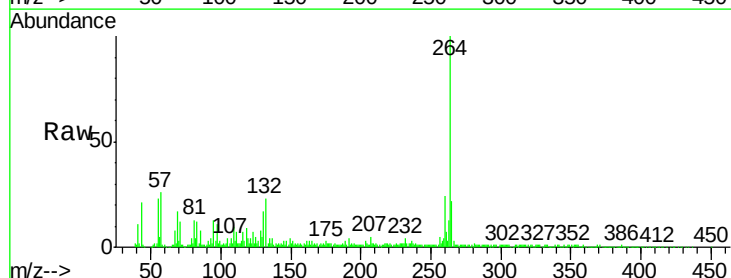
Tgt Ion:264 Resp: 188182

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.5 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

