

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100187.D
 Acq On : 4 Nov 2017 19:11
 Operator : SJ/JU
 Sample : I6313-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF010-02

Quant Time: Nov 06 01:52:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

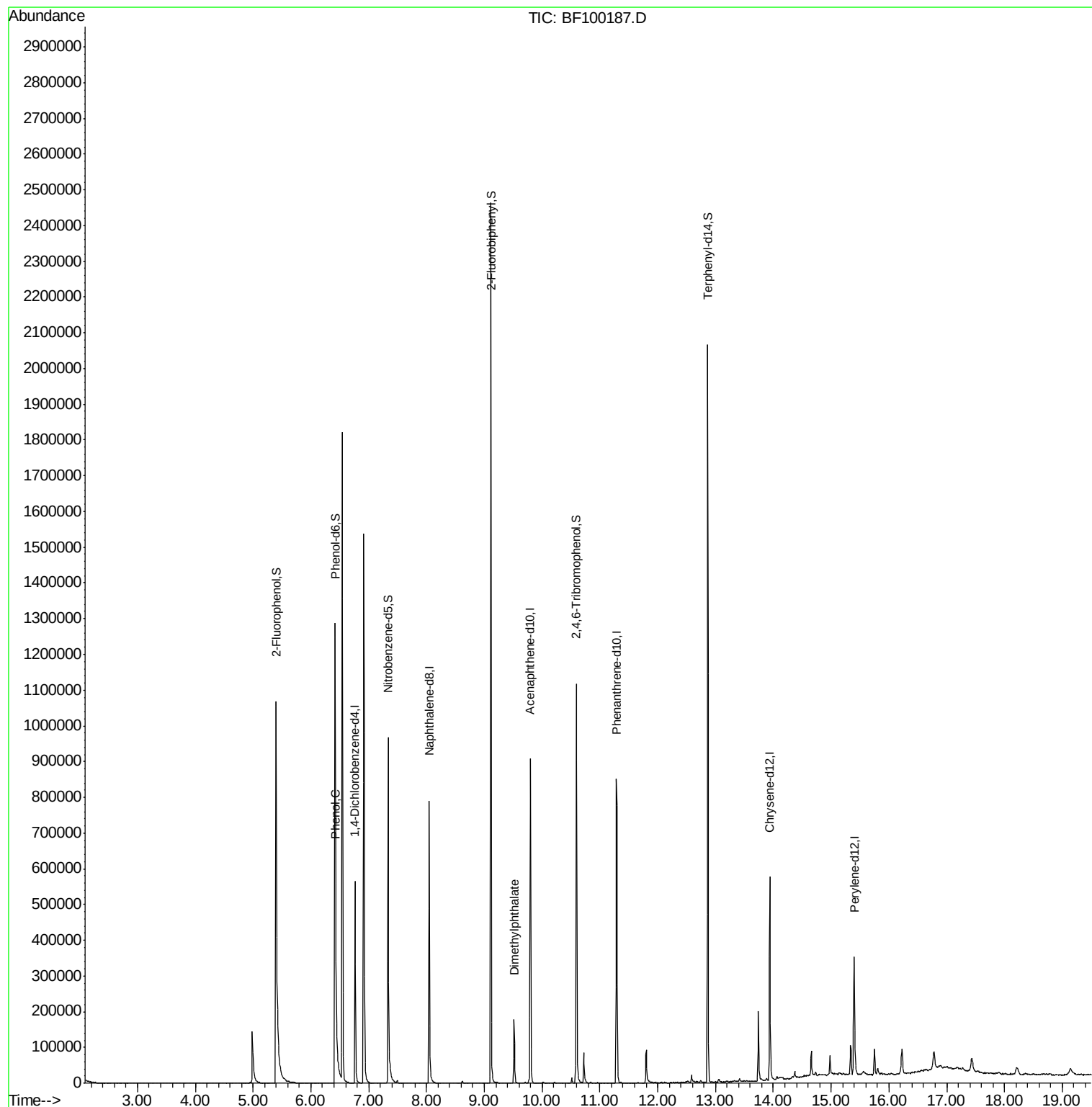
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	100759	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	414771	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	188368	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	343346	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	208939	20.00	ng	-0.01
86) Perylene-d12	15.40	264	169582	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	579804	90.34	ng	0.00
7) Phenol-d6	6.42	99	692881	91.05	ng	0.00
23) Nitrobenzene-d5	7.33	82	382208	59.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	152407	88.78	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	788483	64.58	ng	-0.01
78) Terphenyl-d14	12.87	244	663337	69.38	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	29055	3.477	ng	82
49) Dimethylphthalate	9.52	163	80854	5.420	ng	99

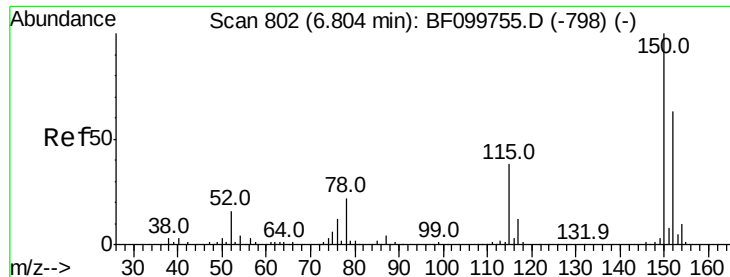
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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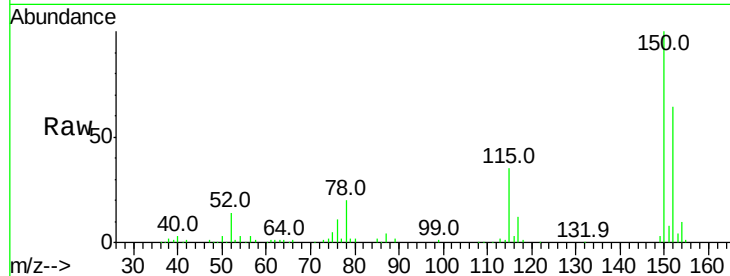


#1

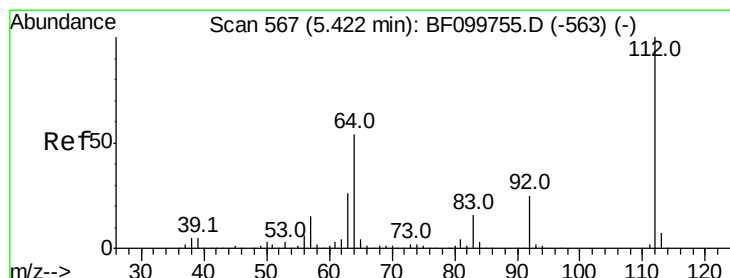
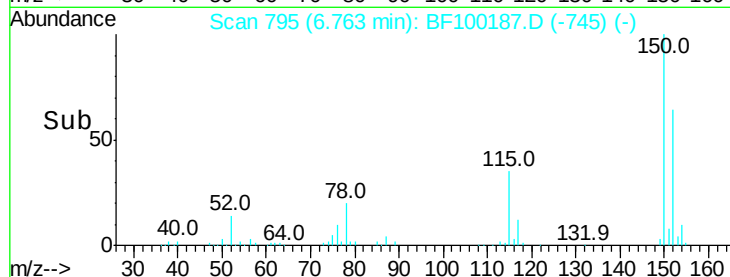
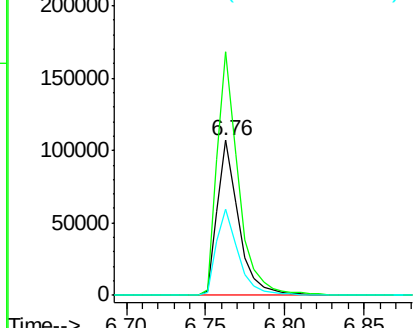
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PET-BF010-02

Tot Ion:152 Resp: 100759
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 55.6 50.1 75.1



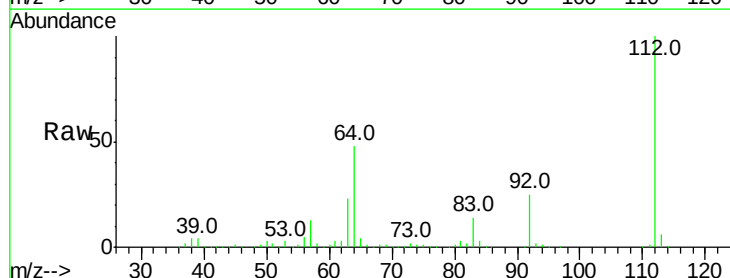
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



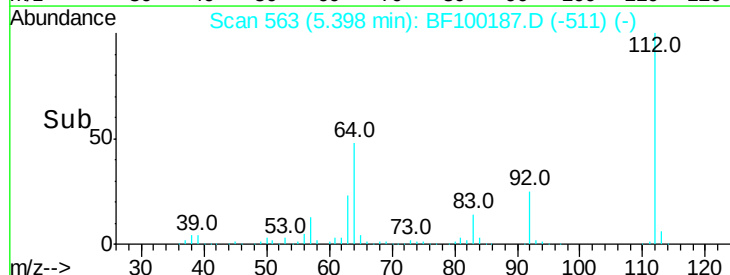
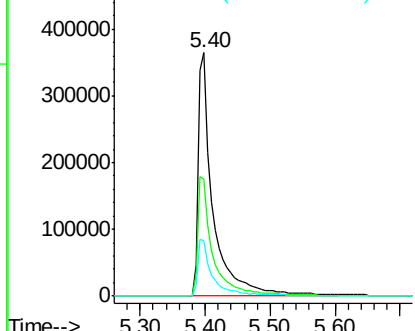
#5

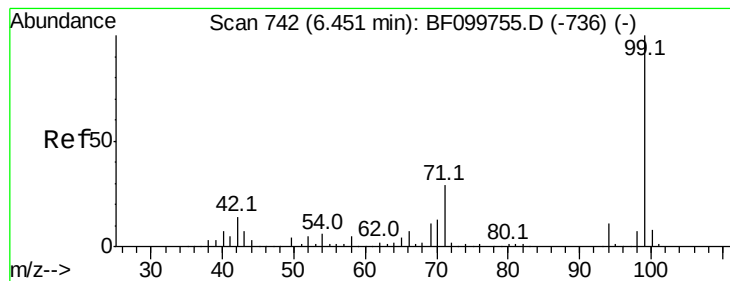
2-Fluorophenol
Concen: 90.342 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Tgt Ion:112 Resp: 579804
Ion Ratio Lower Upper
112 100
64 48.1 47.9 71.9
63 22.7 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: 91.051 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100187.D

Acq: 4 Nov 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PET-BF010-02

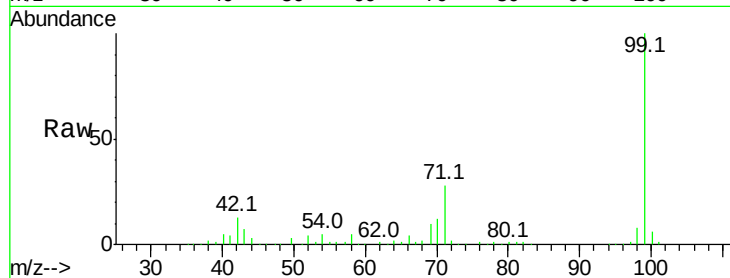
Tot Ion: 99 Resp: 692881

Ion Ratio Lower Upper

99 100

42 12.5 14.5 21.7#

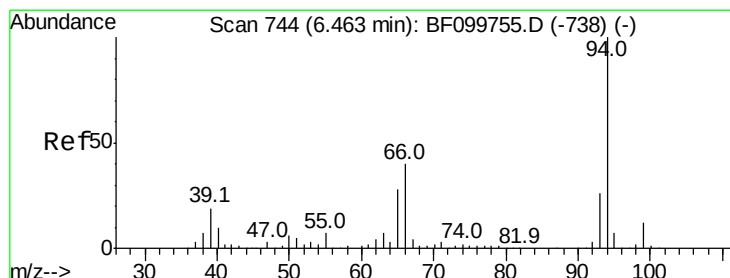
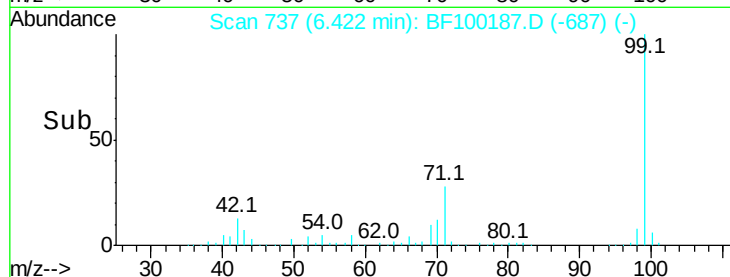
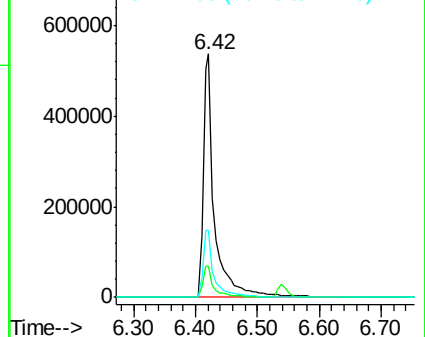
71 27.6 25.4 38.0



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



#10

Phenol

Concen: 3.477 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100187.D

Acq: 4 Nov 2017 19:11

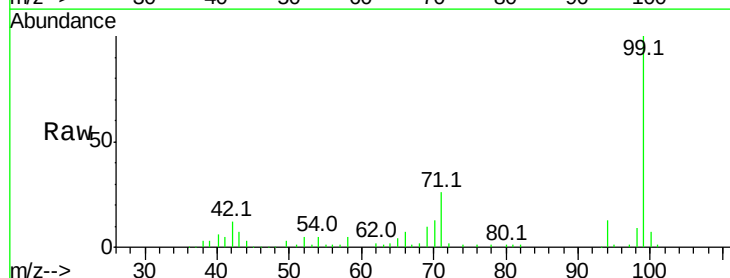
Tgt Ion: 94 Resp: 29055

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

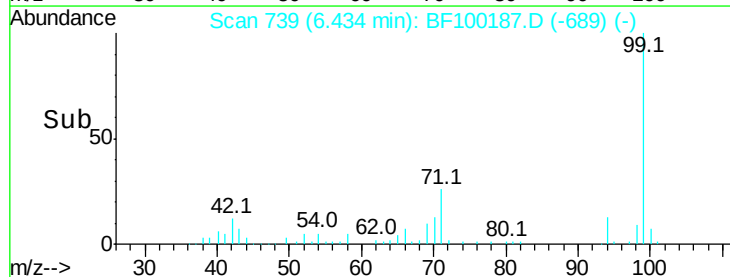
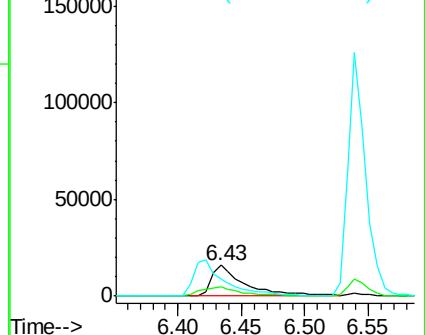
66 54.9 16.2 56.2

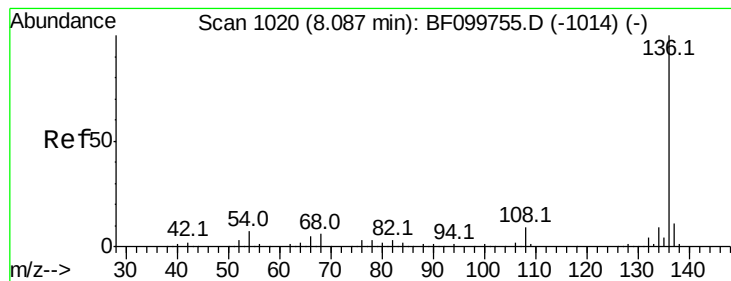


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

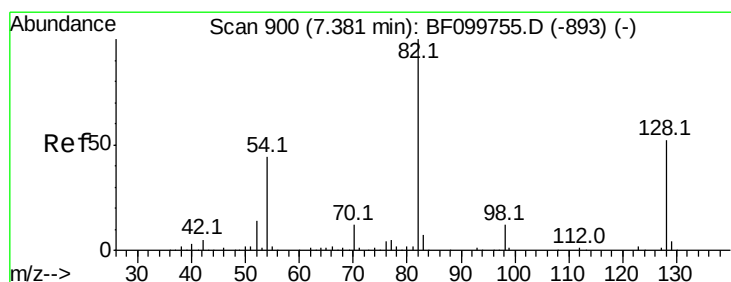
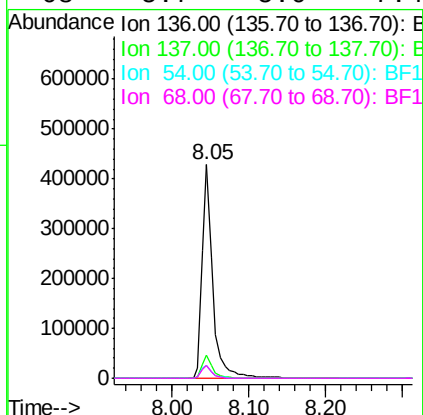
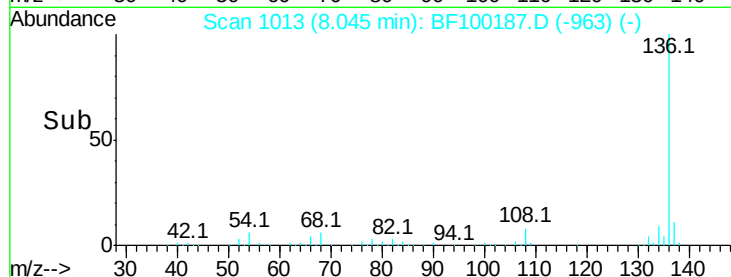
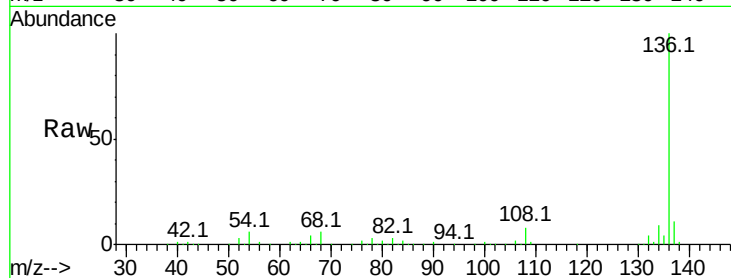




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

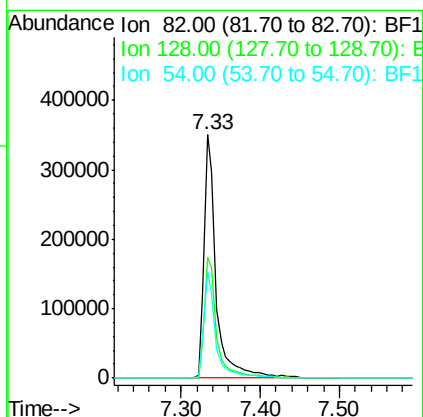
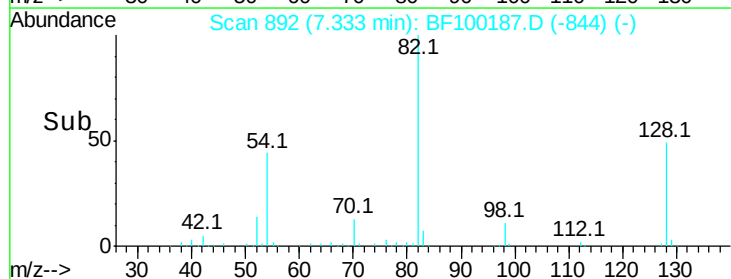
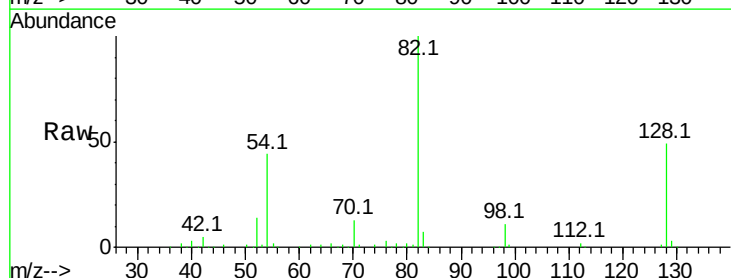
Instrument :
BNA_F
ClientSampleId :
PET-BF010-02

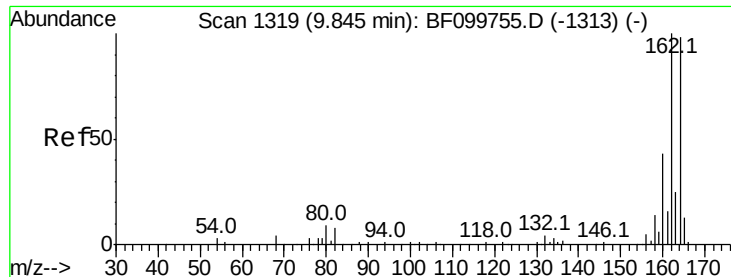
Tot Ion:	136	Resp:	414771
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.3	6.6	9.8#
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 59.326 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Tgt Ion:	82	Resp:	382208
Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	43.6	41.4	62.2

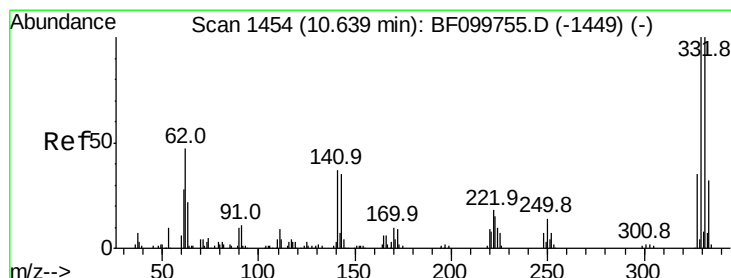
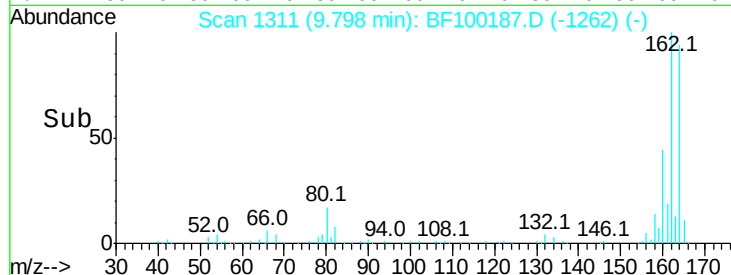
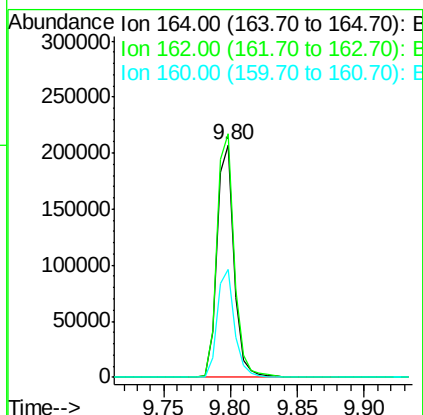
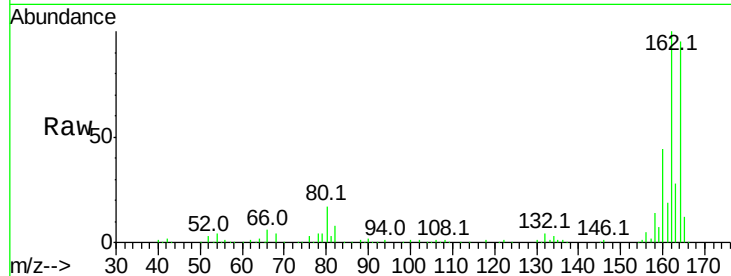




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

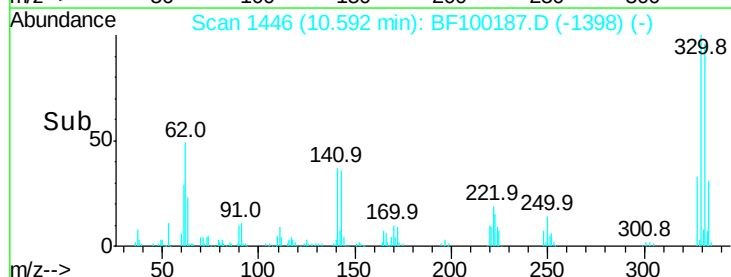
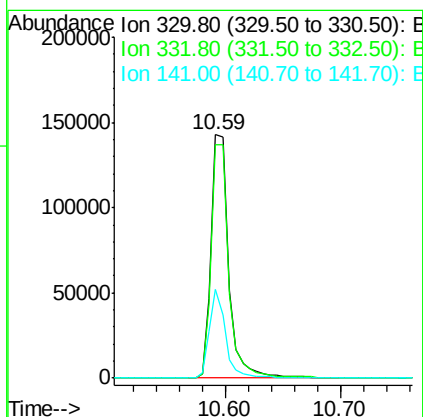
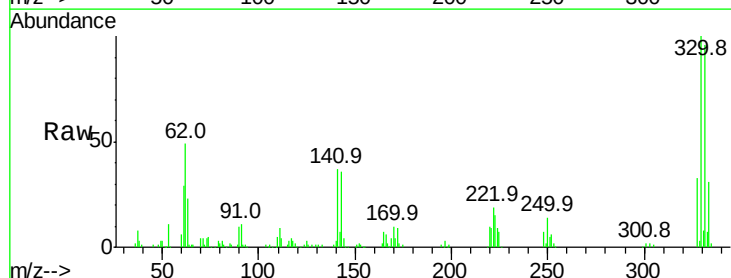
Instrument :
BNA_F
ClientSampleId :
PET-BF010-02

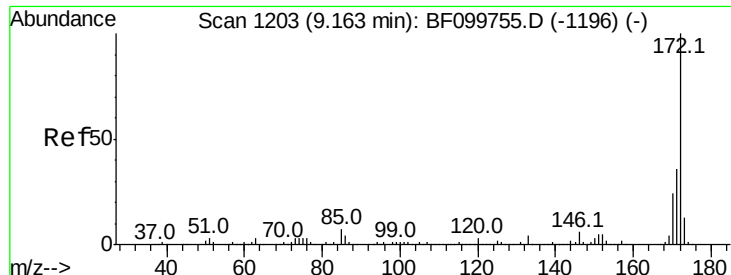
Tot Ion:164 Resp: 188368
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 46.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 88.783 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Tgt Ion:330 Resp: 152407
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 33.4 29.9 44.9

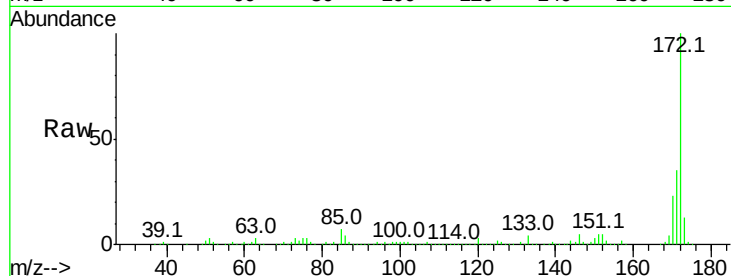




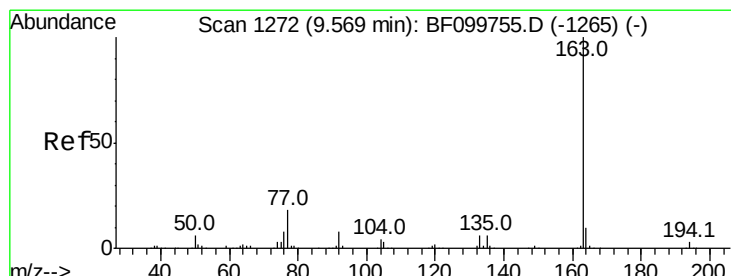
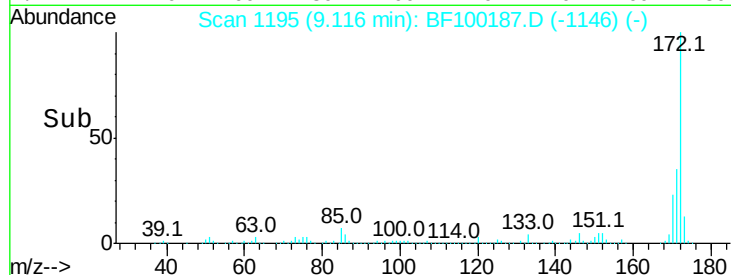
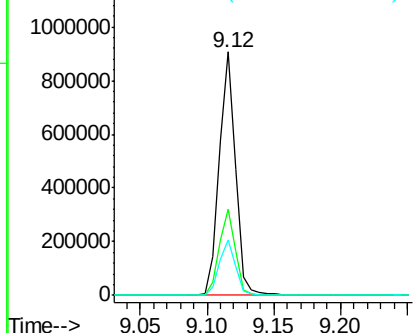
#44
2-Fluorobiphenyl
Concen: 64.581 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PET-BF010-02

Tot Ion:172 Resp: 788483
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 22.9 19.6 29.4

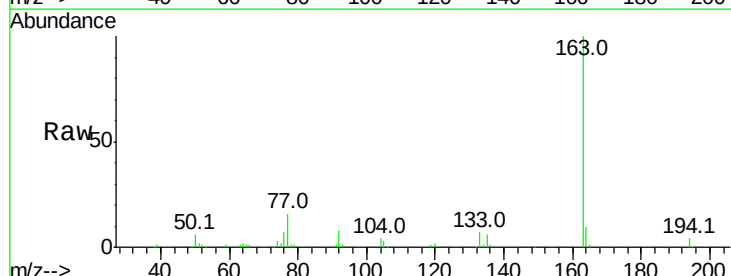


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

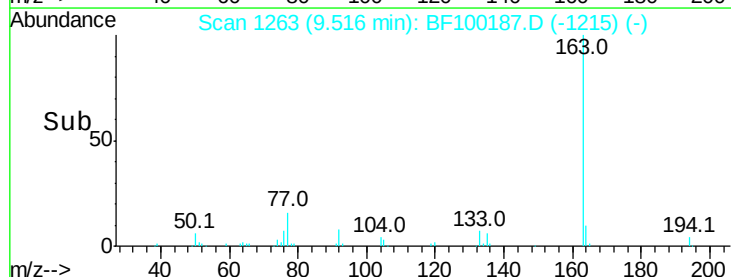
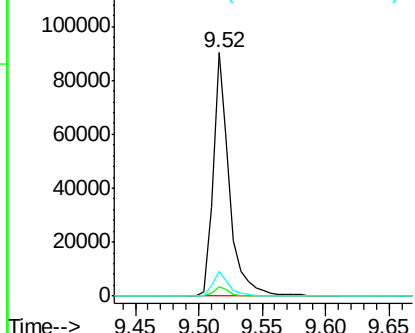


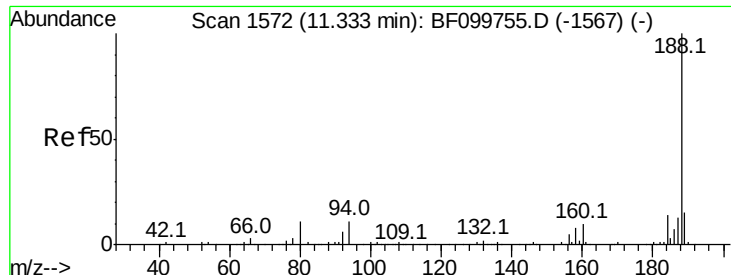
#49
Dimethylphthalate
Concen: 5.420 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Tgt Ion:163 Resp: 80854
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 9.9 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

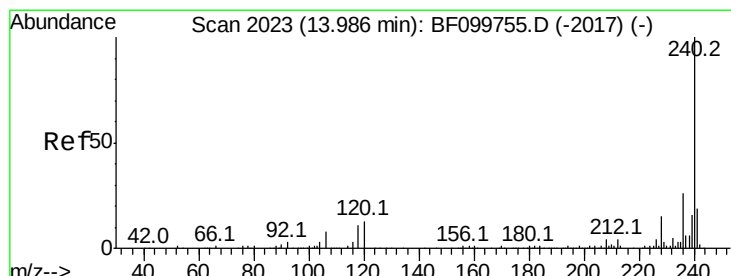
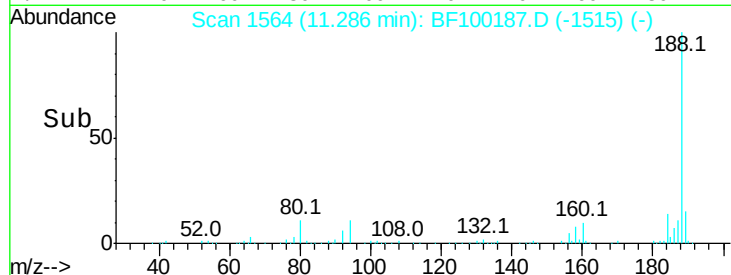
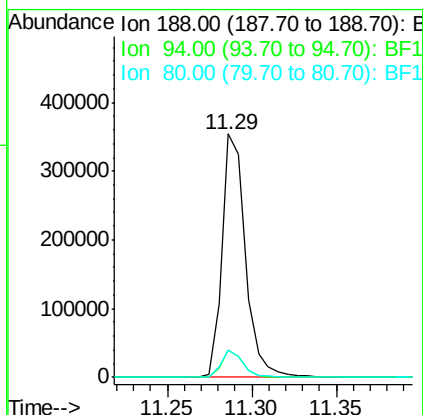
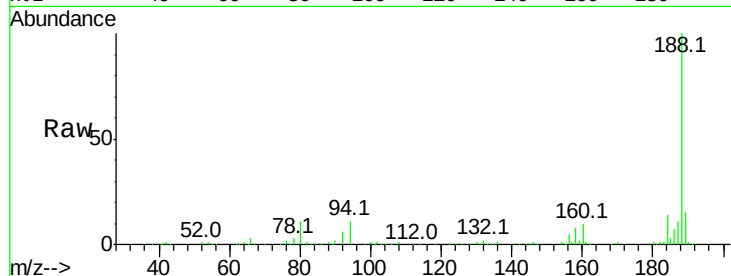




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

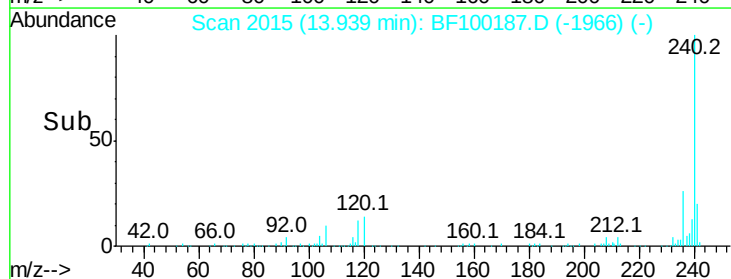
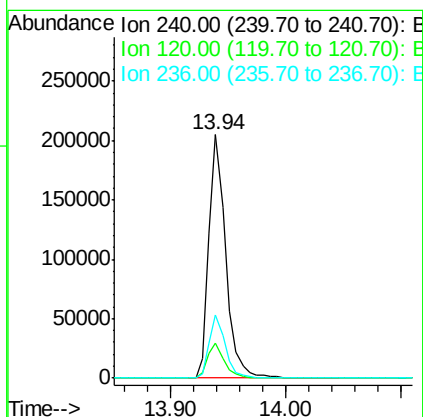
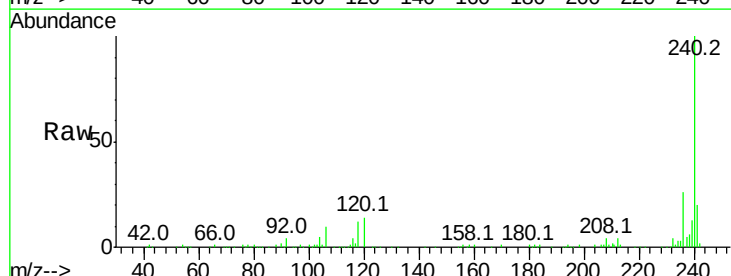
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BNA_F
ClientSampleId :
PET-BF010-02

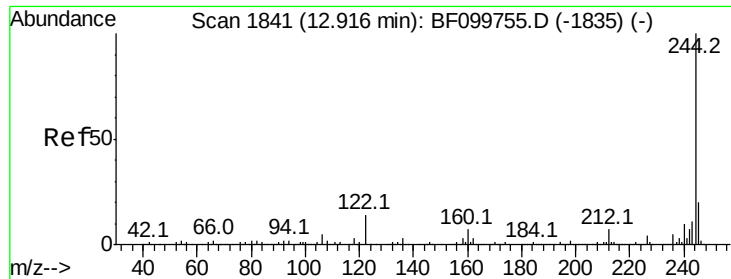
Tot Ion:188 Resp: 343346
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Tgt Ion:240 Resp: 208939
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 69.381 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100187.D

Acq: 4 Nov 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PET-BF010-02

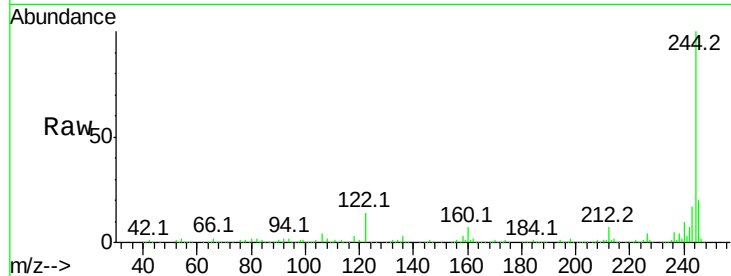
Tot Ion:244 Resp: 663337

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

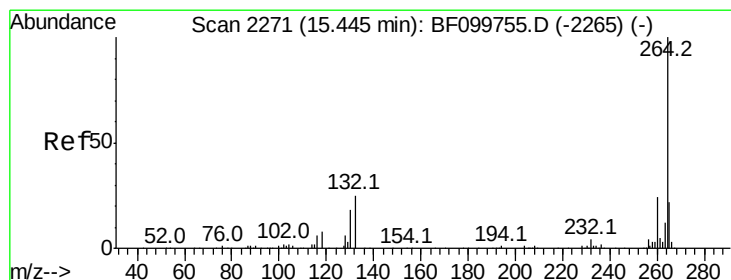
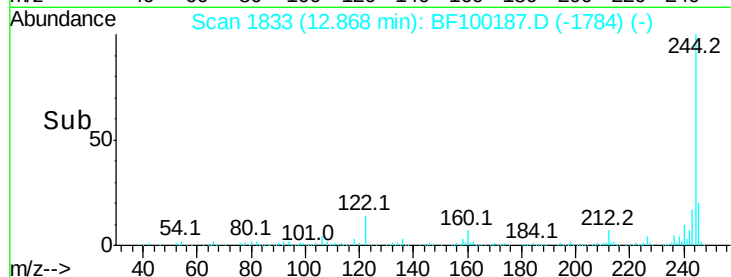
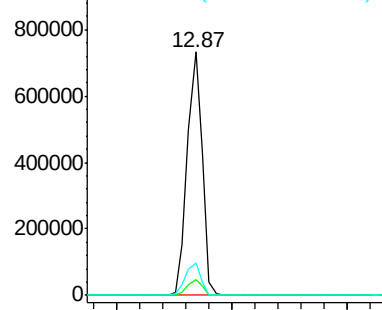
122 13.6 11.0 16.4



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: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF100187.D

Acq: 4 Nov 2017 19:11

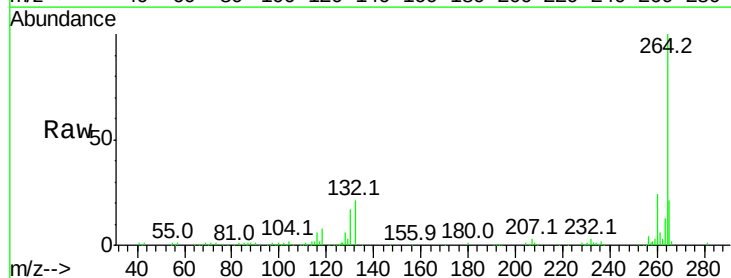
Tgt Ion:264 Resp: 169582

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.2 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

