

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100016.D
 Acq On : 31 Oct 2017 20:59
 Operator : SJ/JU
 Sample : I6178-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(0-5)

Quant Time: Nov 01 05:28:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

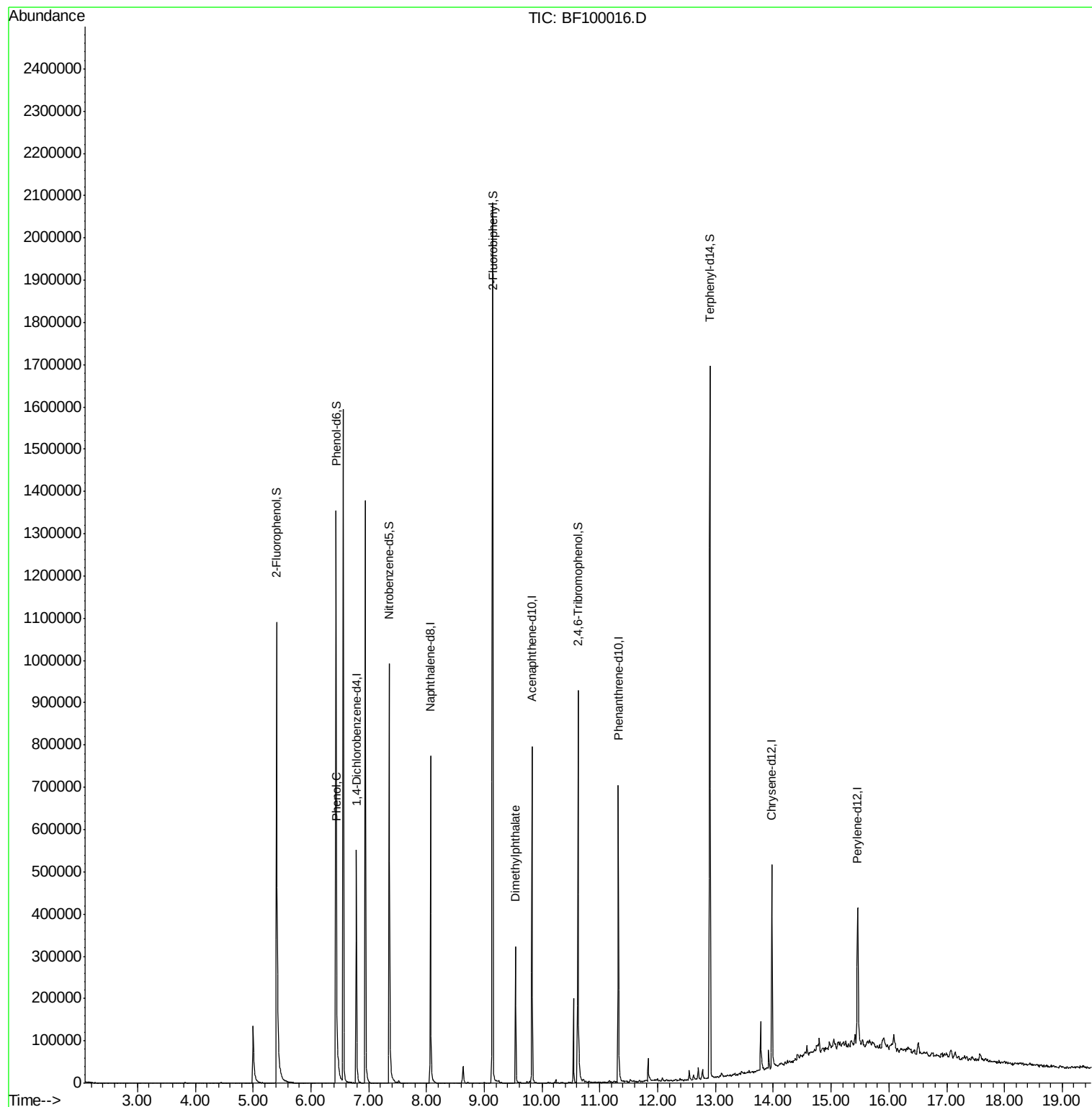
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	90730	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362424	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	163803	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	278068	20.00	ng	0.00
75) Chrysene-d12	13.97	240	161931	20.00	ng	-0.01
86) Perylene-d12	15.46	264	163119	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	469784	81.29	ng	0.00
7) Phenol-d6	6.43	99	579347	84.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	331893	58.96	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	126934	85.03	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	701788	66.10	ng	0.00
78) Terphenyl-d14	12.90	244	534301	72.11	ng	0.00
Target Compounds						
10) Phenol	6.45	94	41794	5.555	ng	93
49) Dimethylphthalate	9.54	163	133755	10.311	ng	99

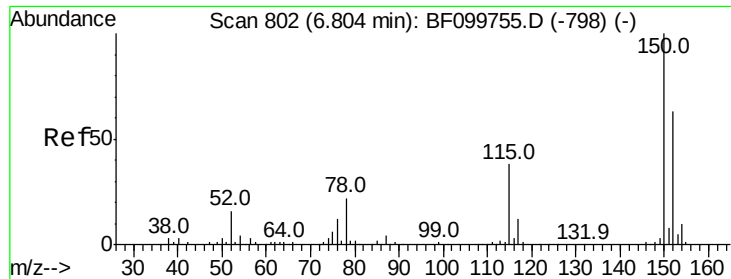
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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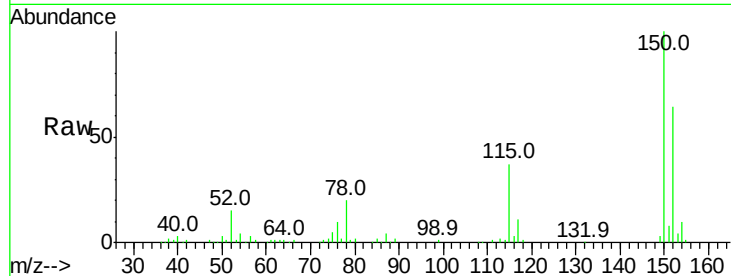


#1

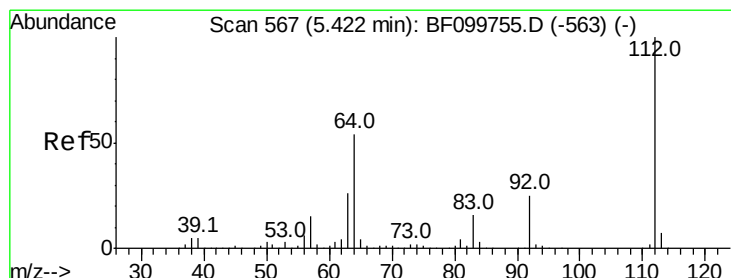
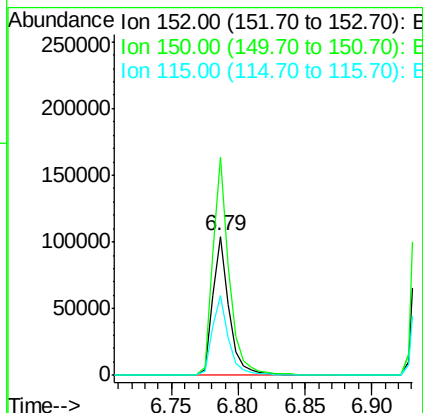
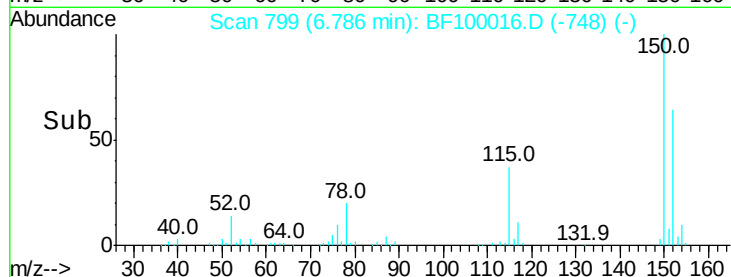
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF100016.D
 Acq: 31 Oct 2017 20:59

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(0-5)

Tot Ion:152 Resp: 90730
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 57.5 50.1 75.1



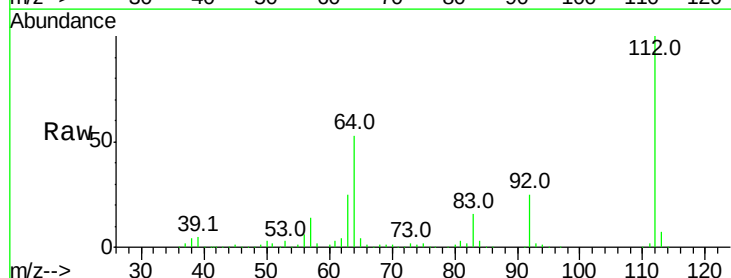
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



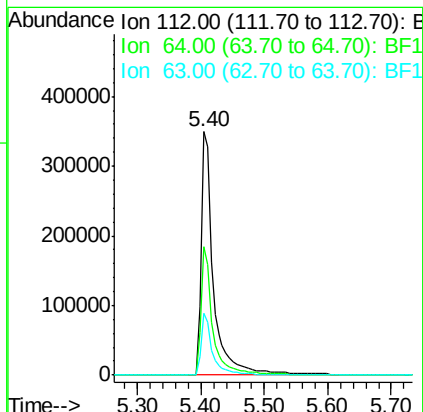
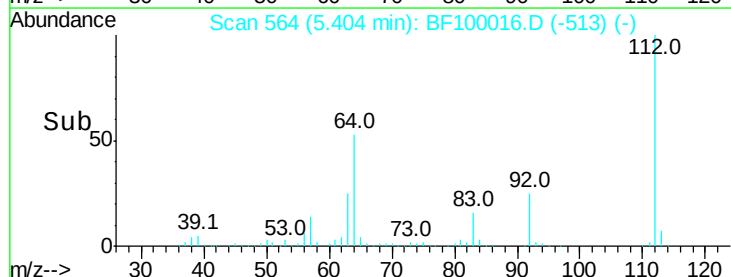
#5

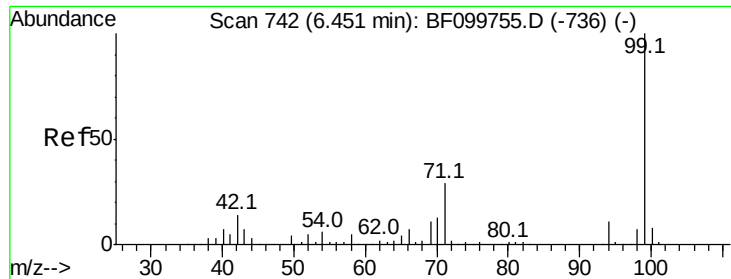
2-Fluorophenol
 Concen: 81.290 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF100016.D
 Acq: 31 Oct 2017 20:59

Tgt Ion:112 Resp: 469784
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 25.3 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: 84.547 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100016.D

Acq: 31 Oct 2017 20:59

Instrument :

BNA_F

ClientSampleId :

EPE-M-6(0-5)

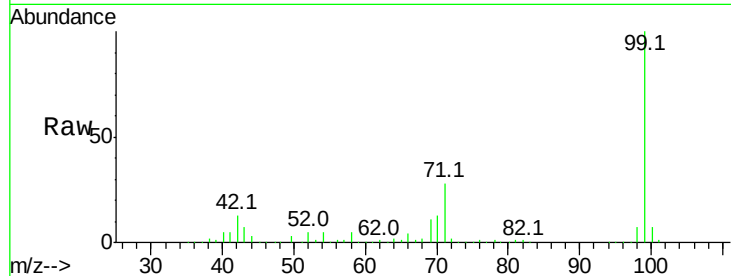
Tot Ion: 99 Resp: 579347

Ion Ratio Lower Upper

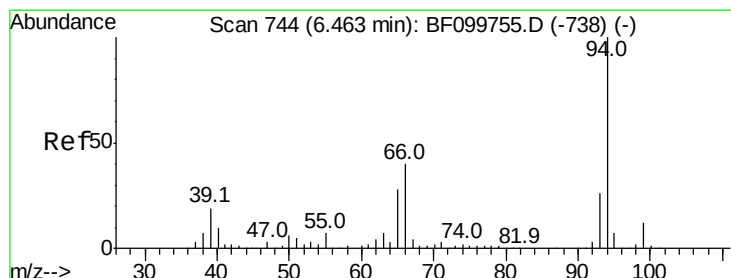
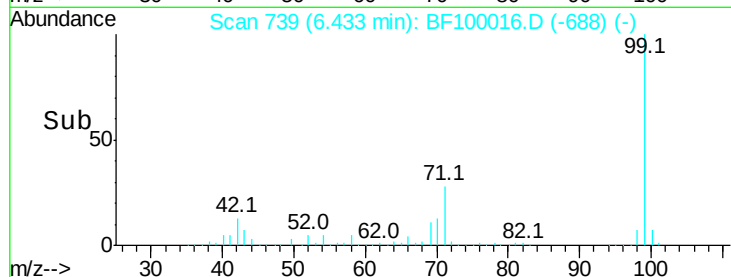
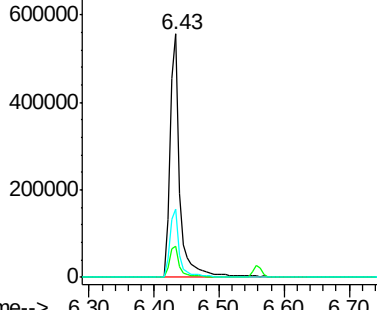
99 100

42 13.0 14.5 21.7#

71 27.9 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



#10

Phenol

Concen: 5.555 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF100016.D

Acq: 31 Oct 2017 20:59

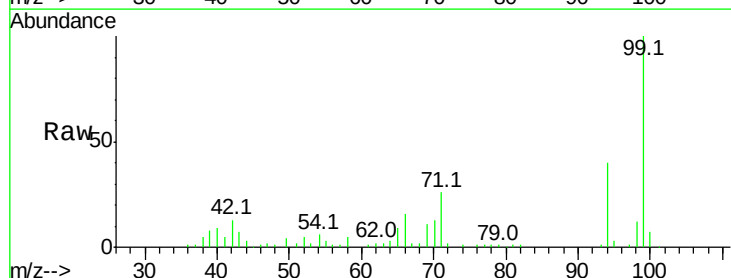
Tgt Ion: 94 Resp: 41794

Ion Ratio Lower Upper

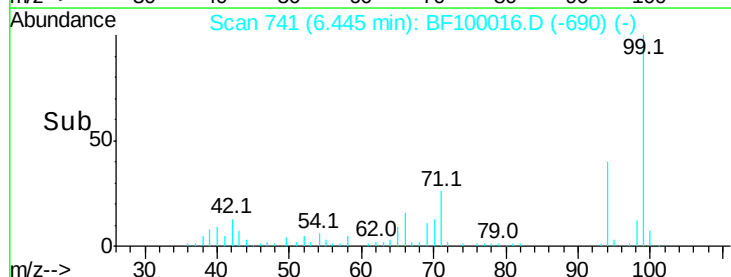
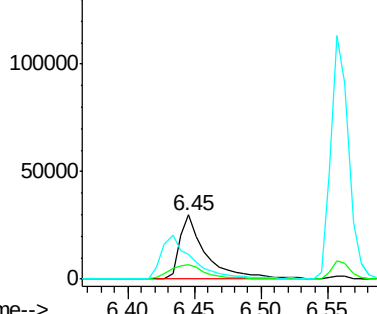
94 100

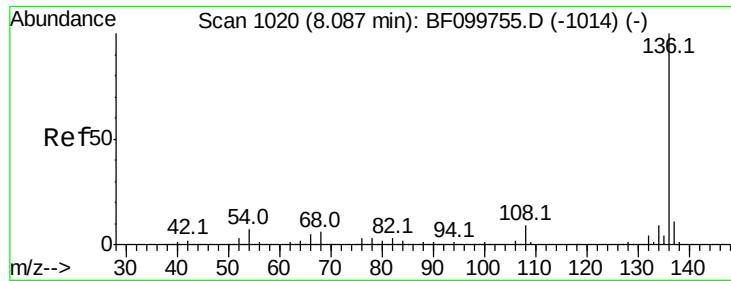
65 23.1 7.9 47.9

66 39.4 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

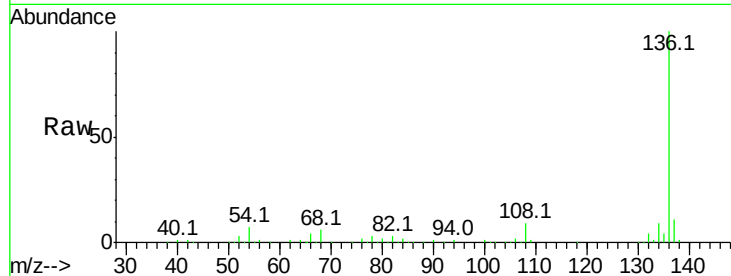




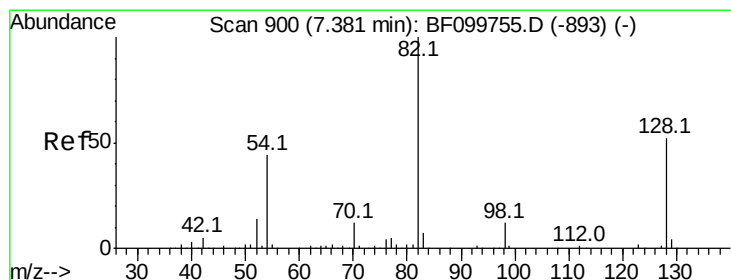
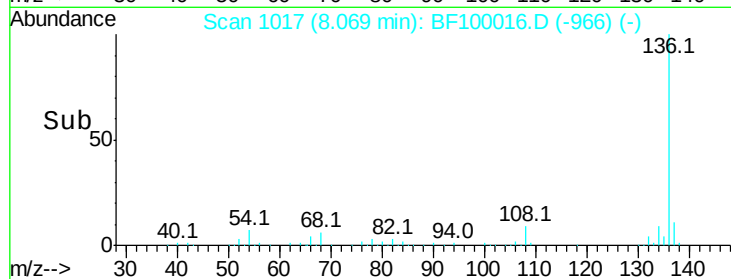
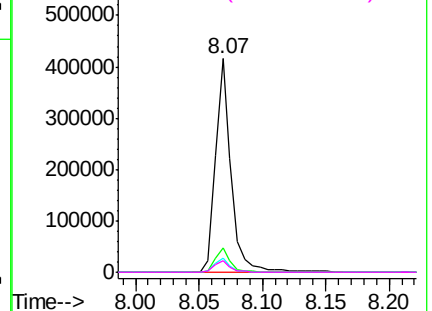
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100016.D
Acq: 31 Oct 2017 20:59

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(0-5)

Tot Ion:	136	Resp:	362424
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.5	6.6	9.8#
68	5.6	5.0	7.4

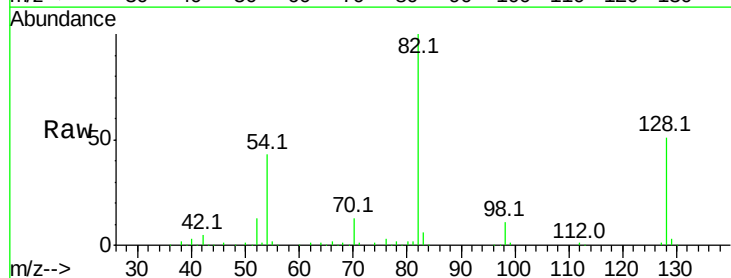


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

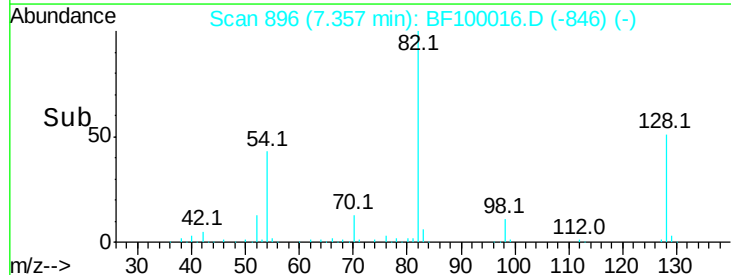
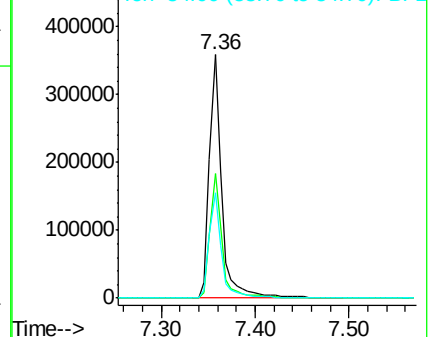


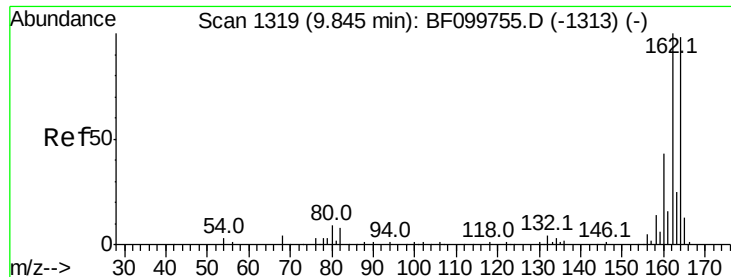
#23
Nitrobenzene-d5
Concen: 58.957 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100016.D
Acq: 31 Oct 2017 20:59

Tgt Ion:	82	Resp:	331893
Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	43.3	41.4	62.2



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

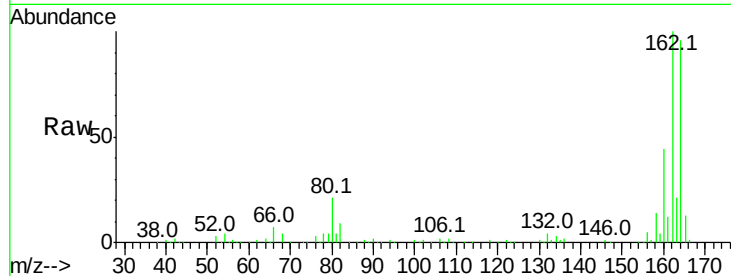




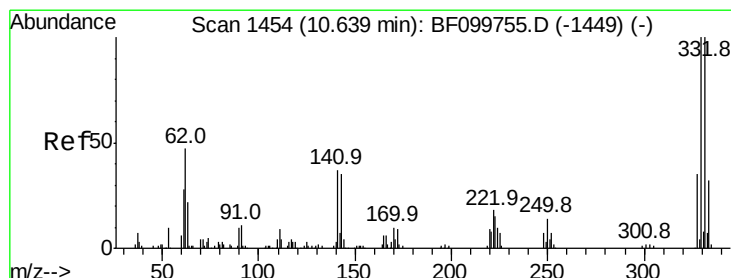
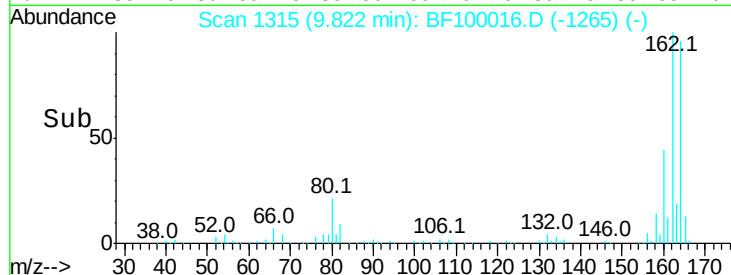
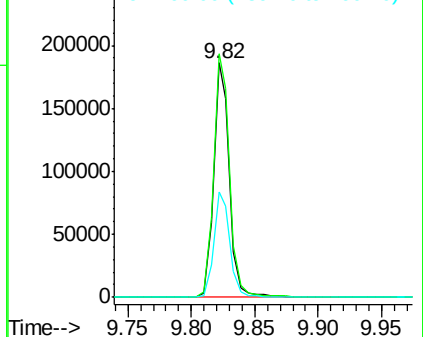
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100016.D
Acq: 31 Oct 2017 20:59

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(0-5)

Tot Ion:164 Resp: 163803
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 45.2 38.3 57.5

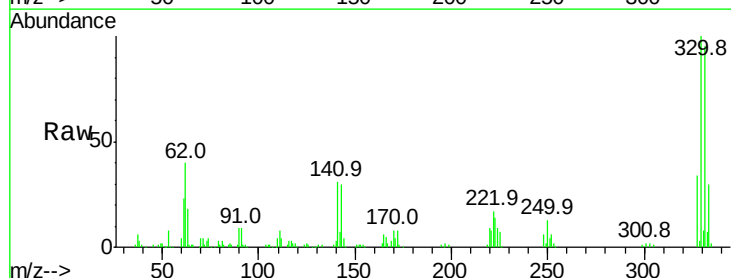


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

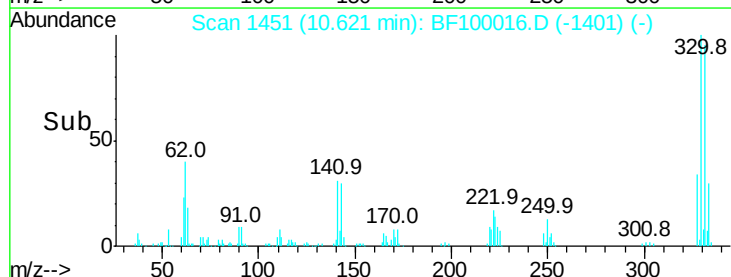
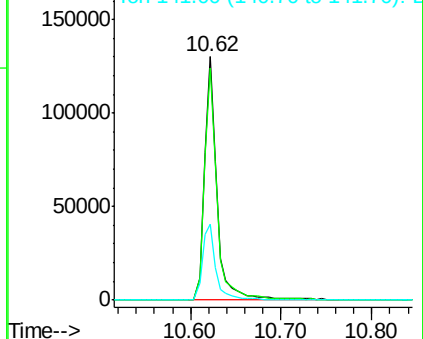


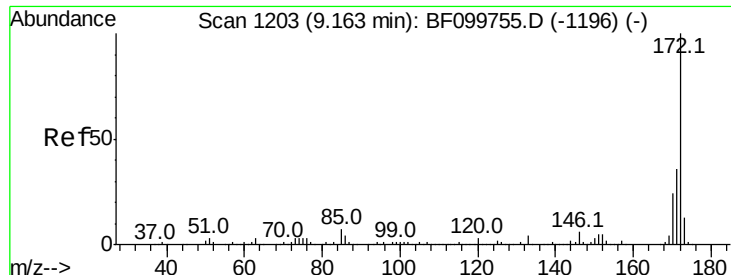
#41
2,4,6-Tribromophenol
Concen: 85.033 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100016.D
Acq: 31 Oct 2017 20:59

Tgt Ion:330 Resp: 126934
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 33.8 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

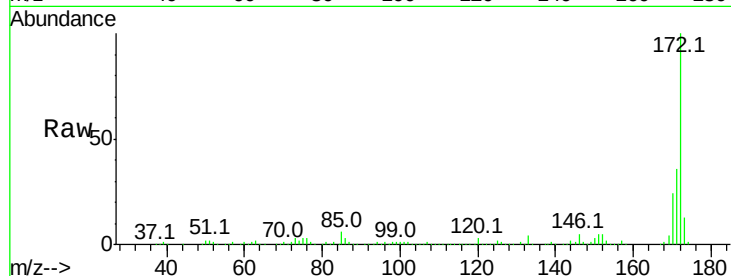




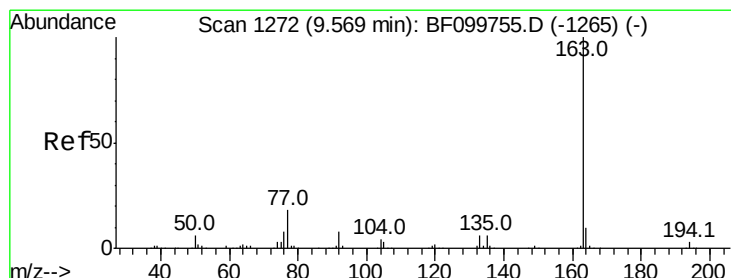
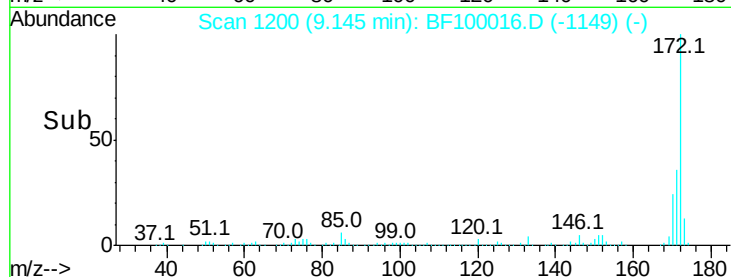
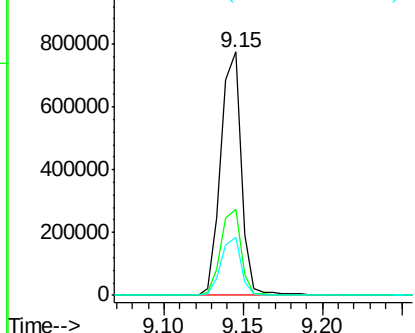
#44
2-Fluorobiphenyl
Concen: 66.100 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF100016.D
Acq: 31 Oct 2017 20:59

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(0-5)

Tot Ion:172 Resp: 701788
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.7 19.6 29.4

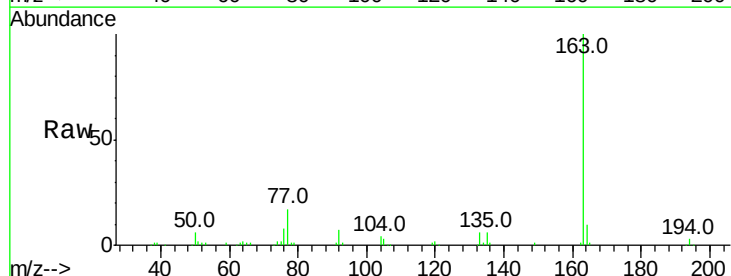


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

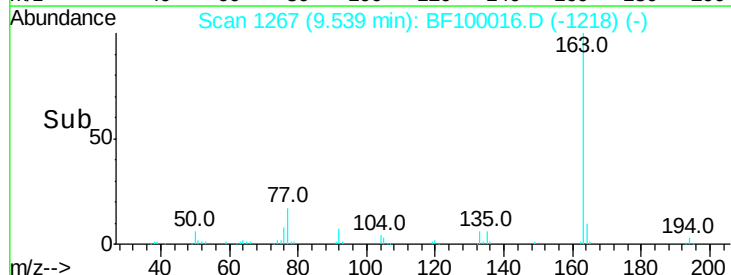
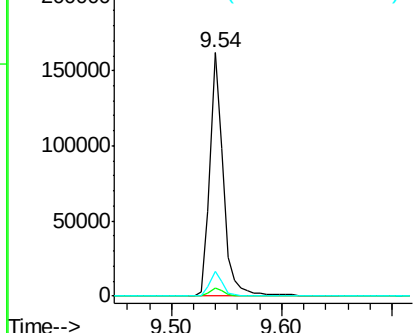


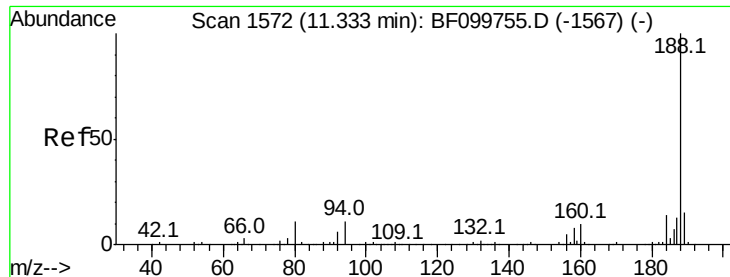
#49
Dimethylphthalate
Concen: 10.311 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100016.D
Acq: 31 Oct 2017 20:59

Tgt Ion:163 Resp: 133755
Ion Ratio Lower Upper
163 100
194 3.5 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

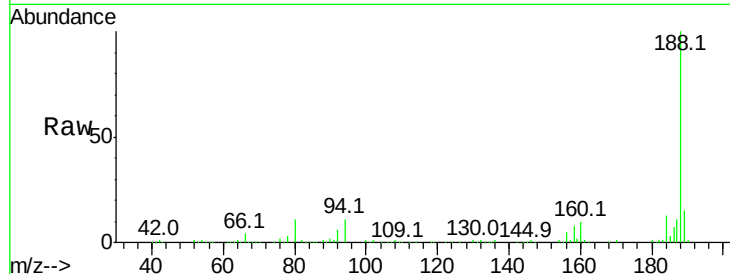




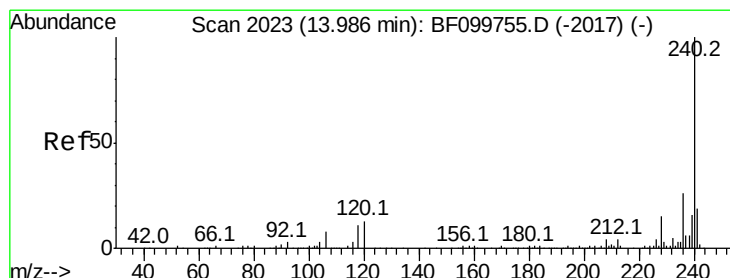
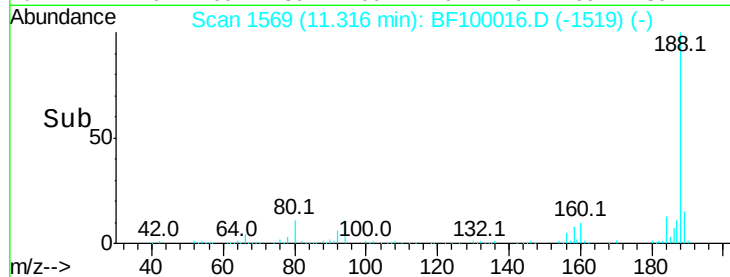
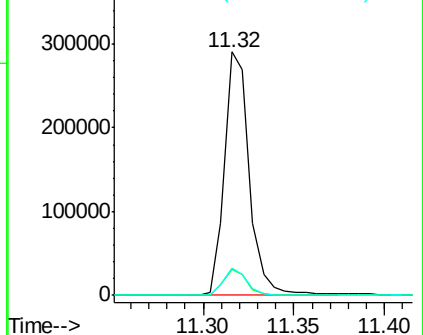
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF100016.D
 Acq: 31 Oct 2017 20:59

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(0-5)

Tot Ion:188 Resp: 278068
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.4 9.2 13.8

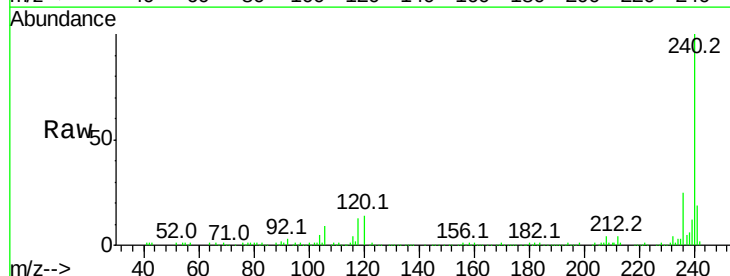


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

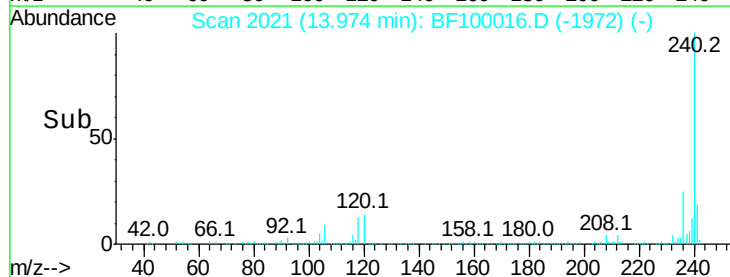
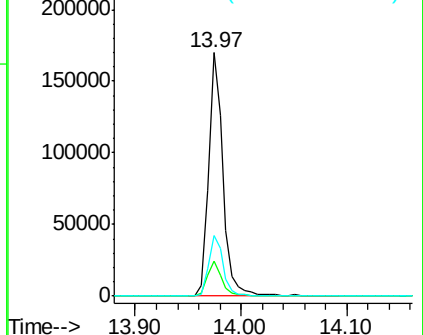


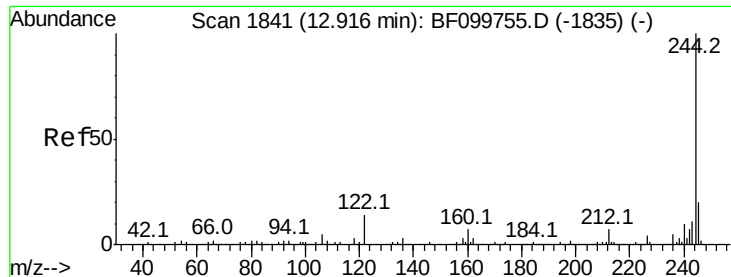
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF100016.D
 Acq: 31 Oct 2017 20:59

Tgt Ion:240 Resp: 161931
 Ion Ratio Lower Upper
 240 100
 120 14.3 9.5 14.3#
 236 24.9 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





#78

Terphenyl-d14

Concen: 72.108 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF100016.D

Acq: 31 Oct 2017 20:59

Instrument :

BNA_F

ClientSampleId :

EPE-M-6(0-5)

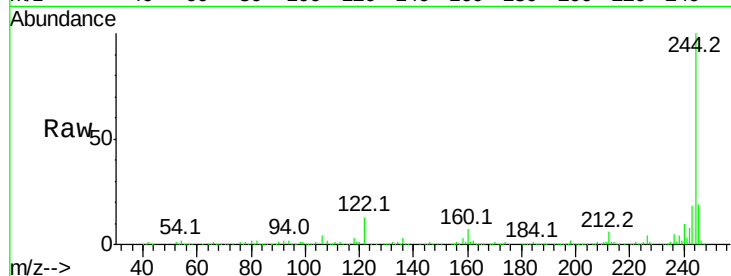
Tot Ion:244 Resp: 534301

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

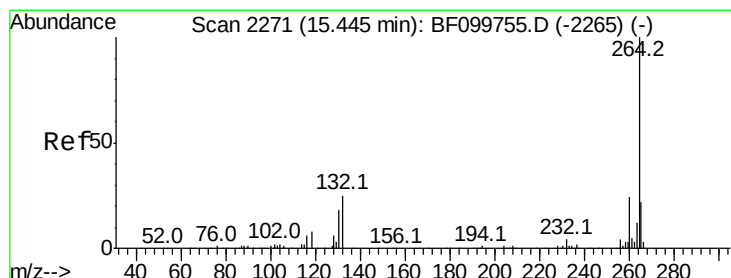
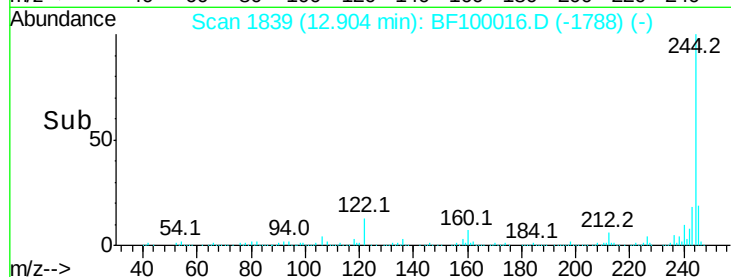
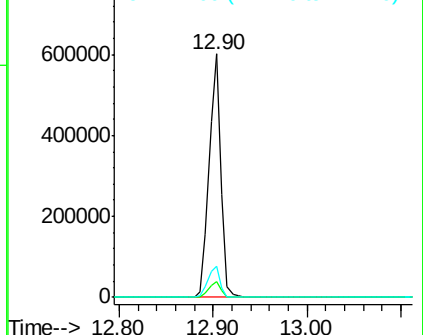
122 12.8 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF100016.D

Acq: 31 Oct 2017 20:59

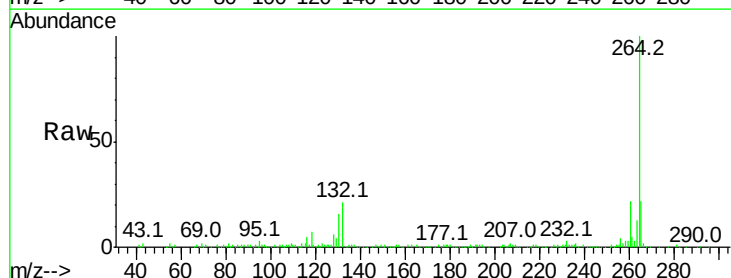
Tgt Ion:264 Resp: 163119

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 21.7 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

