

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101192.D
 Acq On : 7 Dec 2017 3:12
 Operator : SJ/JU
 Sample : I6656-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BART-3-E(7-8)

Quant Time: Dec 07 05:36:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

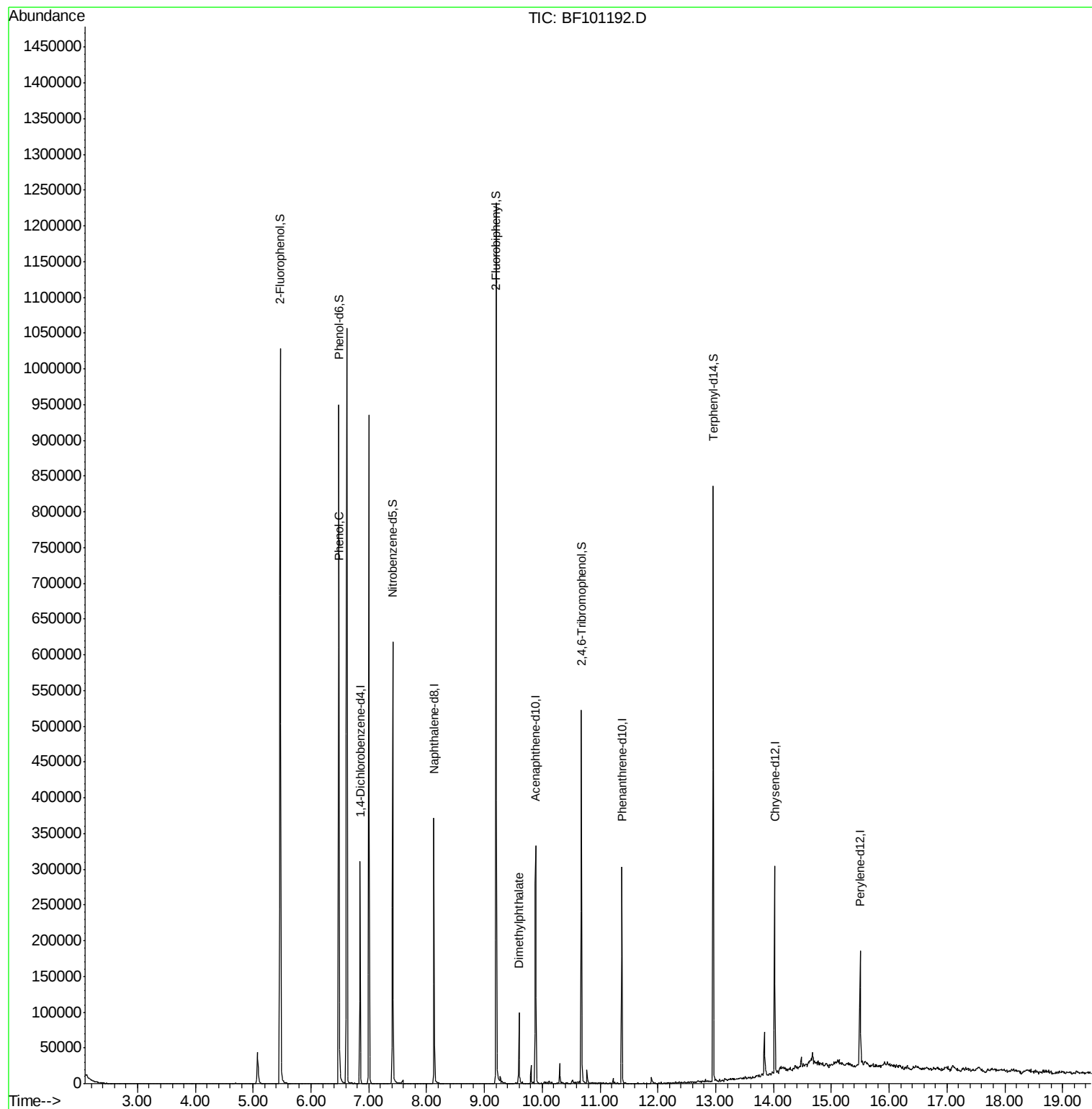
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	45428	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	164561	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	65731	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	107438	20.00	ng	0.00
75) Chrysene-d12	14.02	240	99869	20.00	ng	0.00
86) Perylene-d12	15.50	264	83712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	278172	101.19	ng	0.00
7) Phenol-d6	6.48	99	327416	98.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	197479	71.59	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	68397	86.62	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	362023	75.36	ng	0.00
78) Terphenyl-d14	12.96	244	281024	61.55	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9379	2.527	ng	87
49) Dimethylphthalate	9.60	163	42167	7.954	ng	99

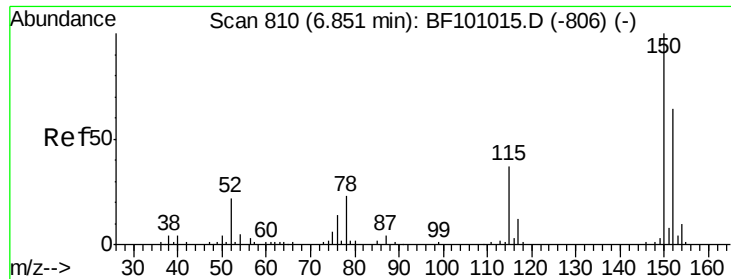
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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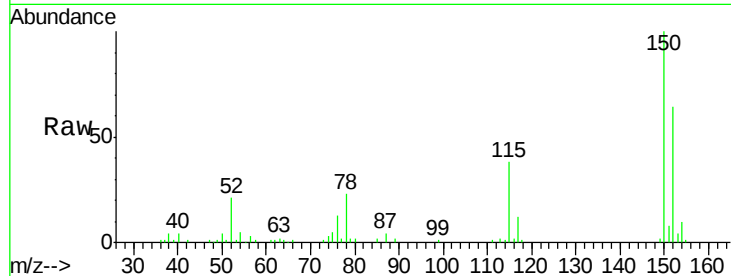


#1

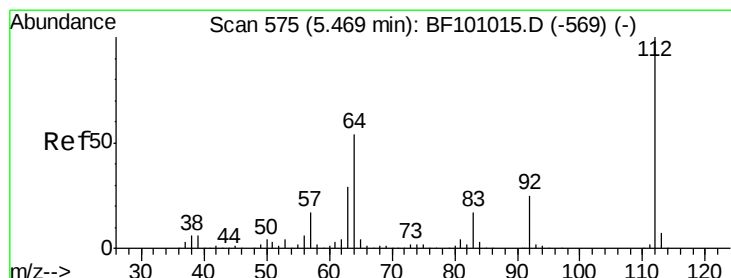
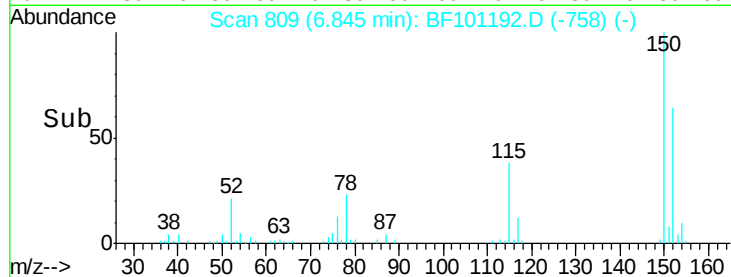
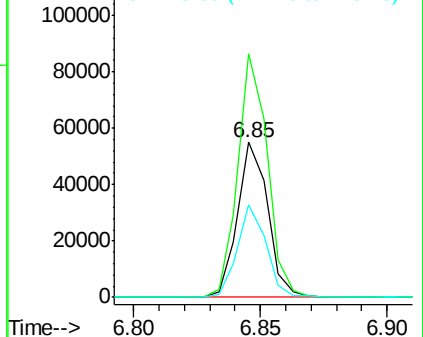
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Instrument :
BNA_F
ClientSampleId :
BART-3-E(7-8)

Tot Ion:152 Resp: 45428
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 59.6 50.1 75.1



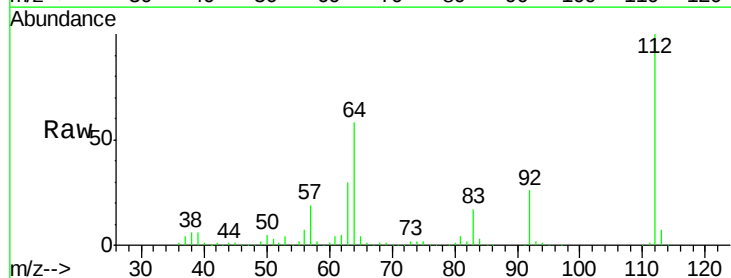
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



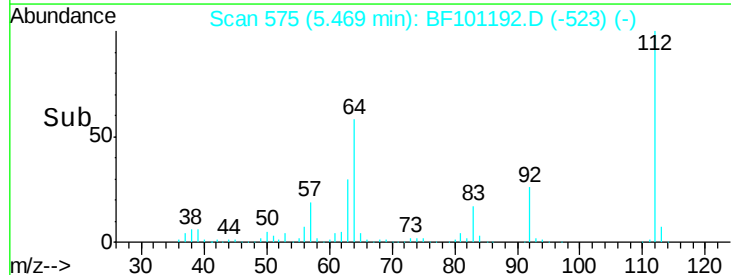
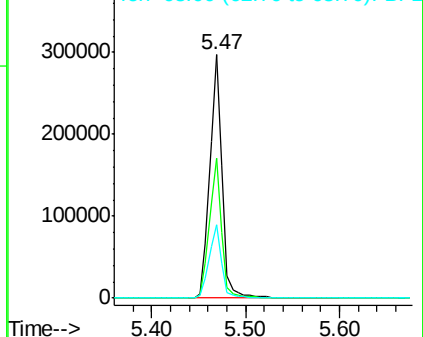
#5

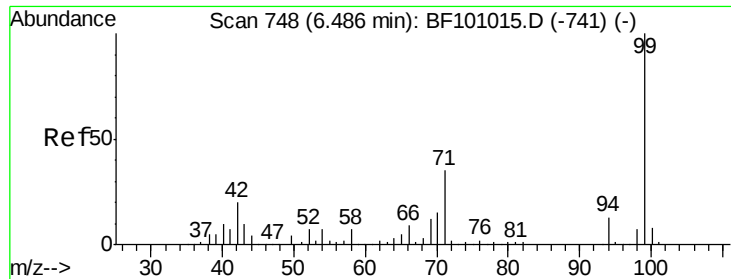
2-Fluorophenol
Concen: 101.185 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Tgt Ion:112 Resp: 278172
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 30.0 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: 98.096 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101192.D

Acq: 7 Dec 2017 3:12

Instrument :

BNA_F

ClientSampleId :

BART-3-E(7-8)

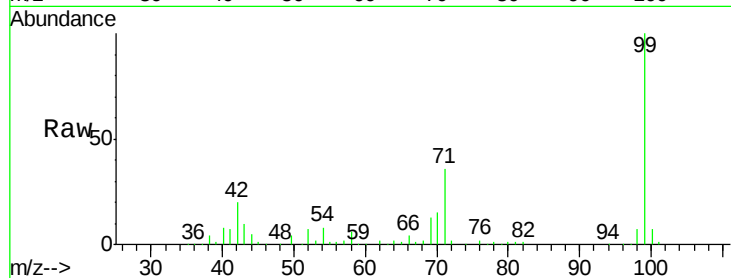
Tot Ion: 99 Resp: 327416

Ion Ratio Lower Upper

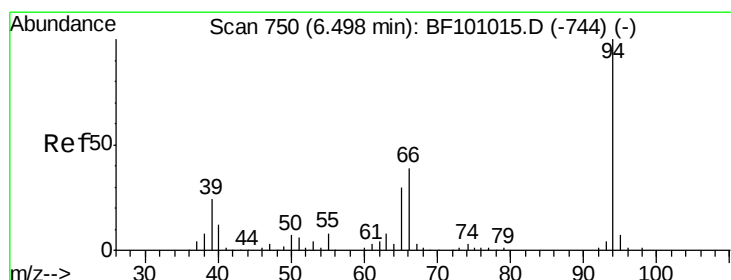
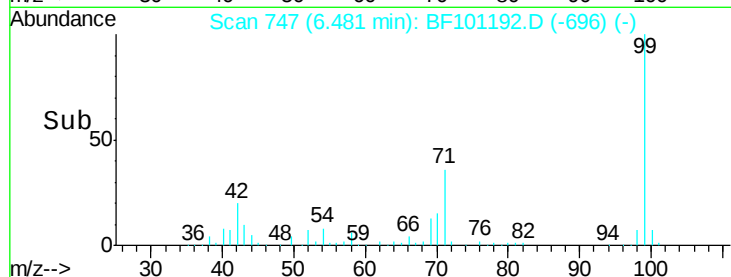
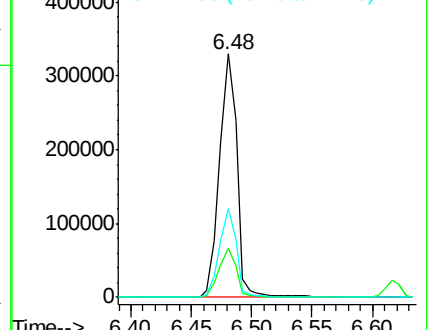
99 100

42 20.1 14.5 21.7

71 36.2 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: 2.527 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101192.D

Acq: 7 Dec 2017 3:12

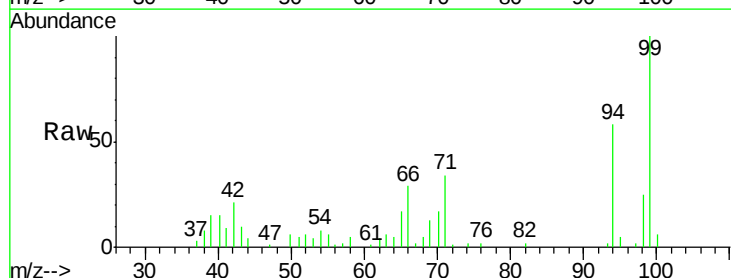
Tgt Ion: 94 Resp: 9379

Ion Ratio Lower Upper

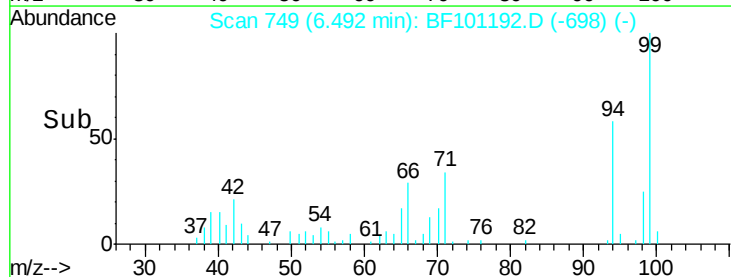
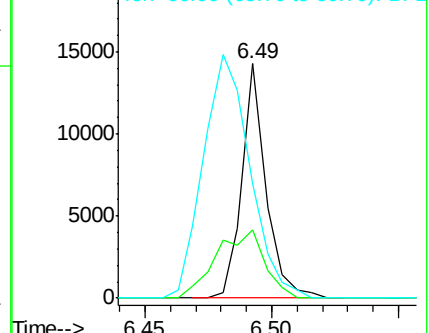
94 100

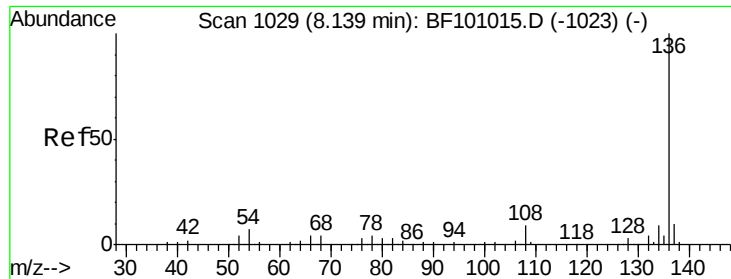
65 29.3 7.9 47.9

66 48.8 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

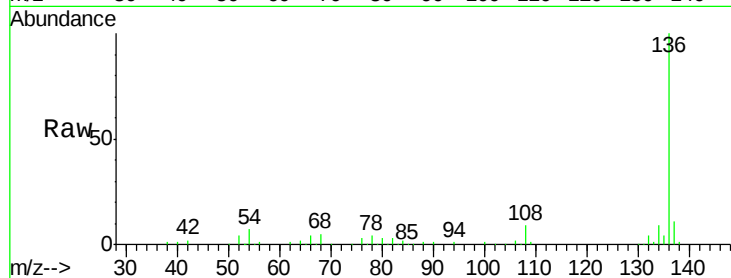




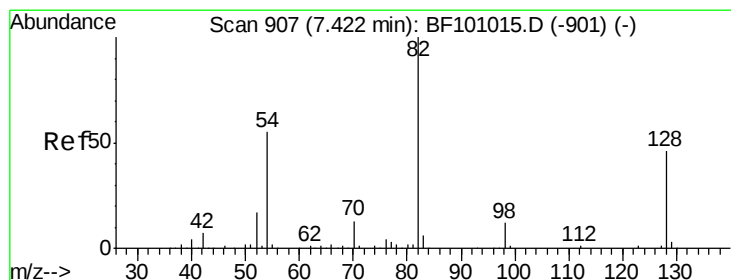
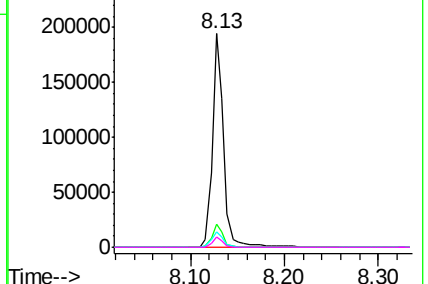
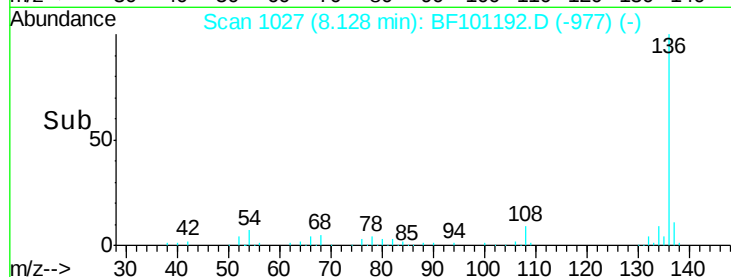
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Instrument :
BNA_F
ClientSampleId :
BART-3-E(7-8)

Tot Ion:136	Resp:	164561
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.4	6.6 9.8
68	4.7	5.0 7.4#

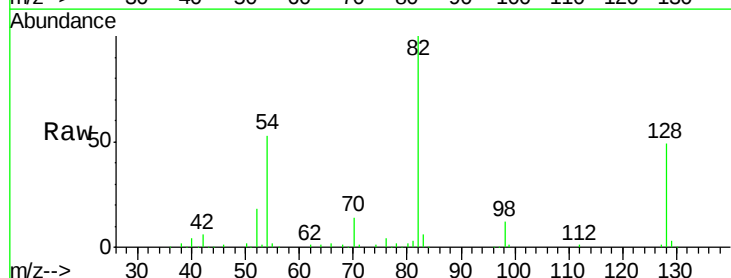


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

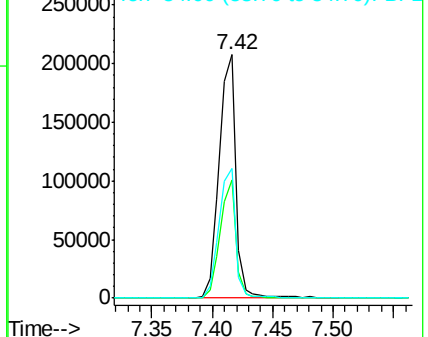
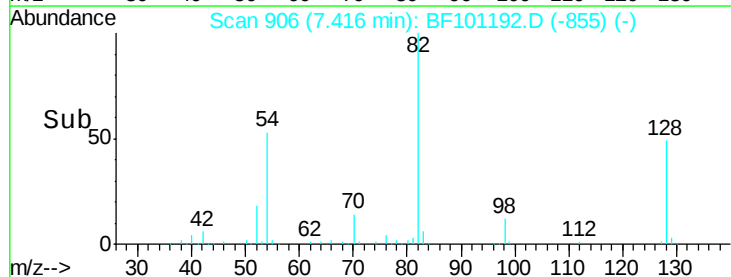


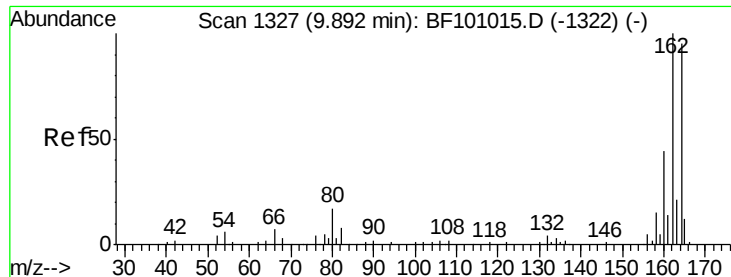
#23
Nitrobenzene-d5
Concen: 71.586 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Tgt Ion: 82	Resp:	197479
Ion Ratio	Lower	Upper
82	100	
128	48.6	36.1 54.1
54	53.1	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

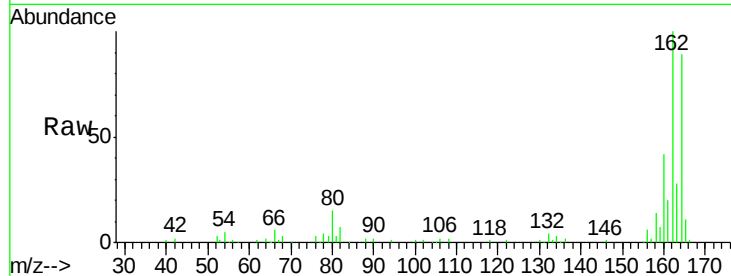




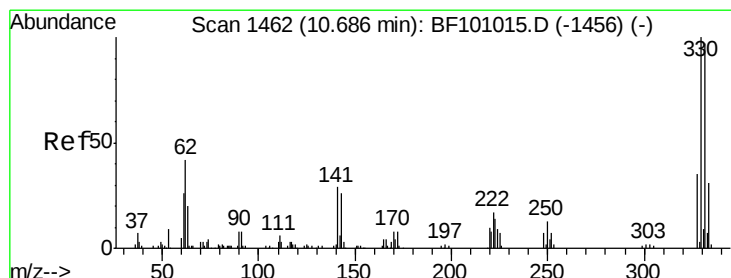
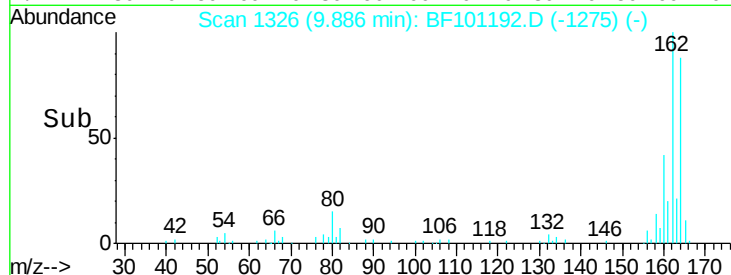
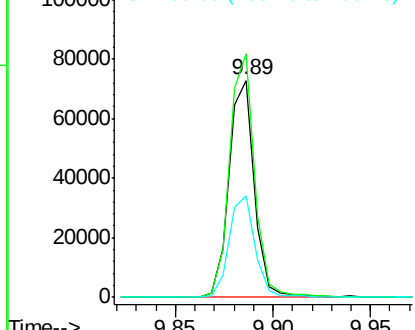
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Instrument :
BNA_F
ClientSampleId :
BART-3-E(7-8)

Tot Ion:164 Resp: 65731
Ion Ratio Lower Upper
164 100
162 112.3 86.1 129.1
160 46.7 38.3 57.5

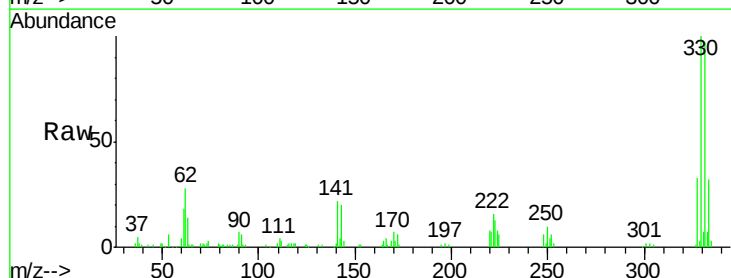


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

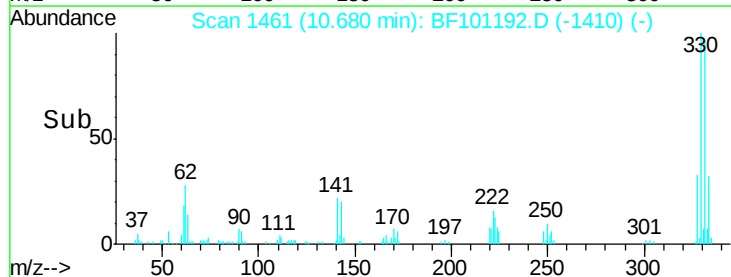
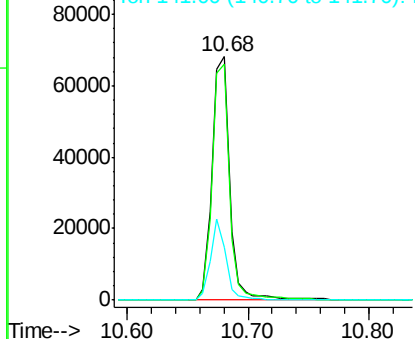


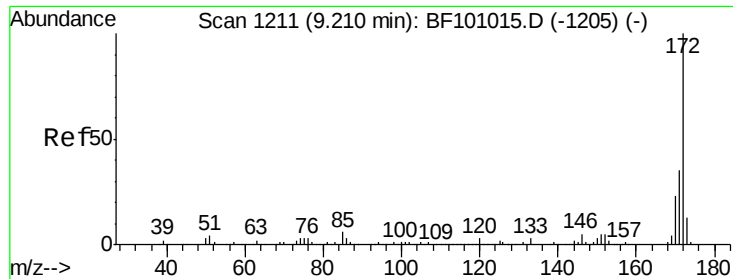
#41
2,4,6-Tribromophenol
Concen: 86.621 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Tgt Ion:330 Resp: 68397
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 29.1 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

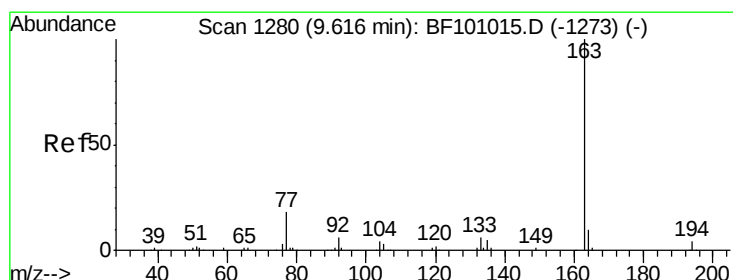
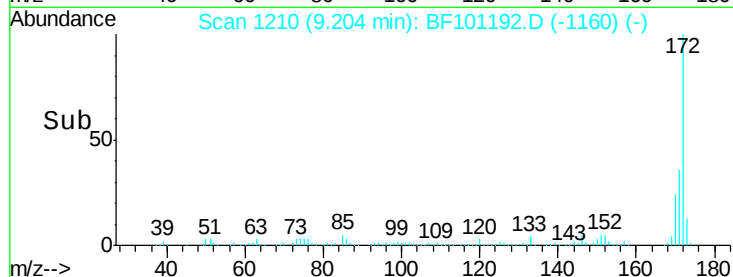
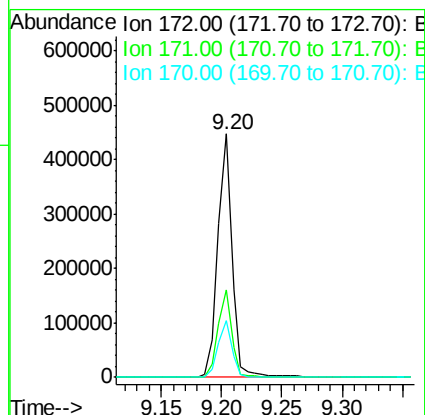
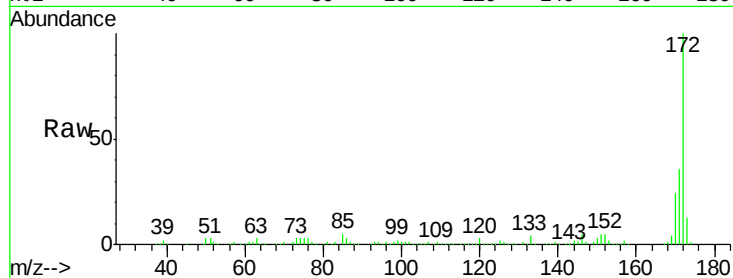




#44
2-Fluorobiphenyl
Concen: 75.356 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

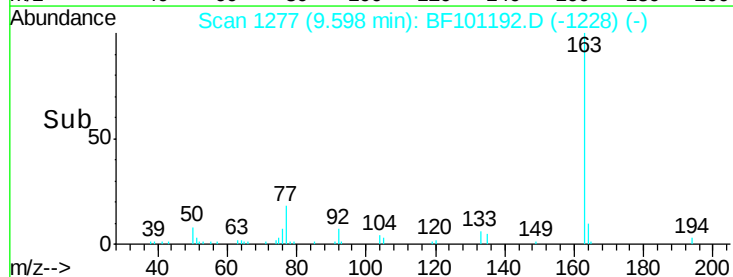
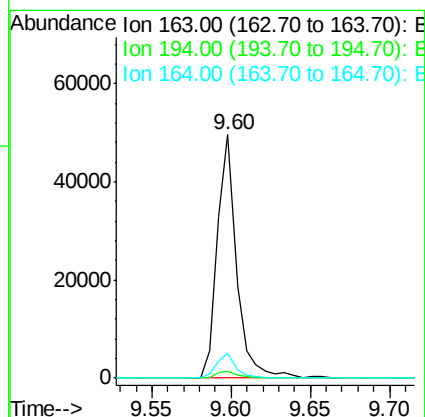
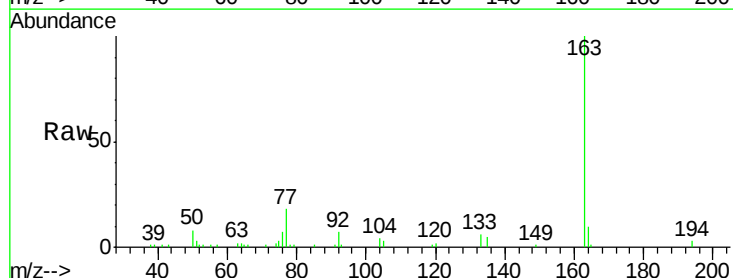
Instrument :
BNA_F
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BART-3-E(7-8)

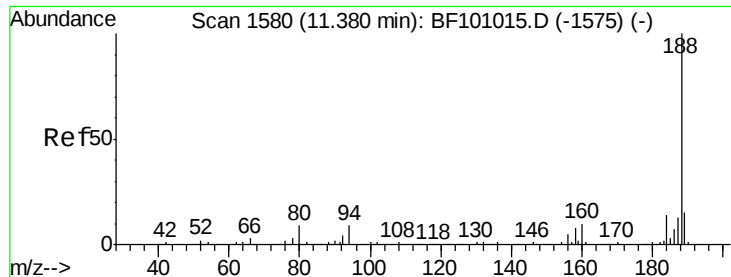
Tot Ion:172 Resp: 362023
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 7.954 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Tgt Ion:163 Resp: 42167
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.0 8.2 12.2

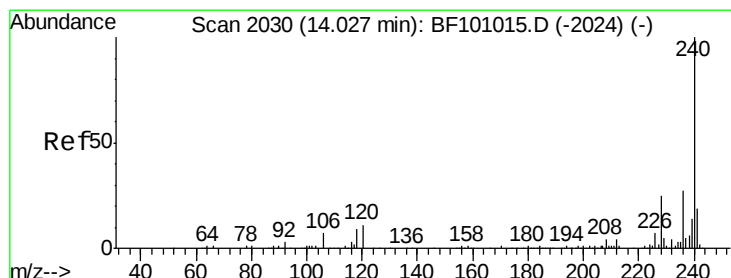
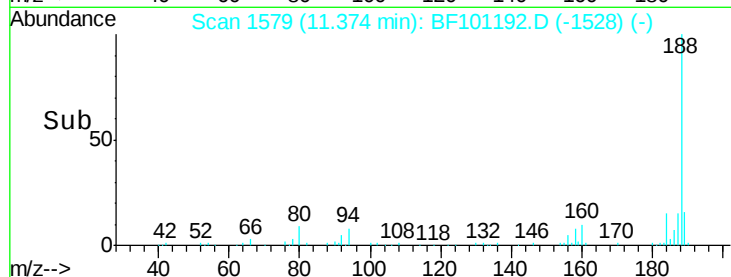
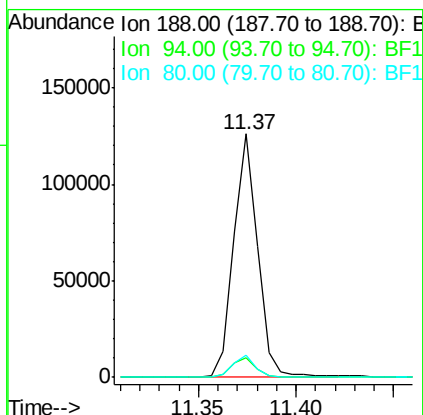
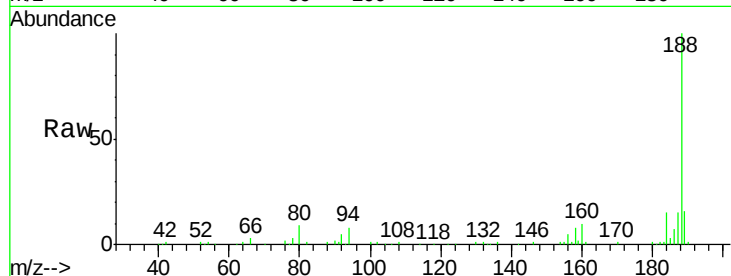




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

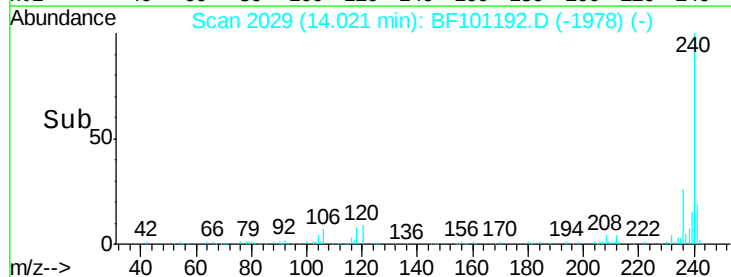
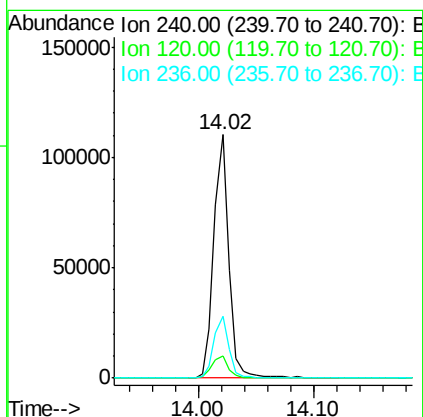
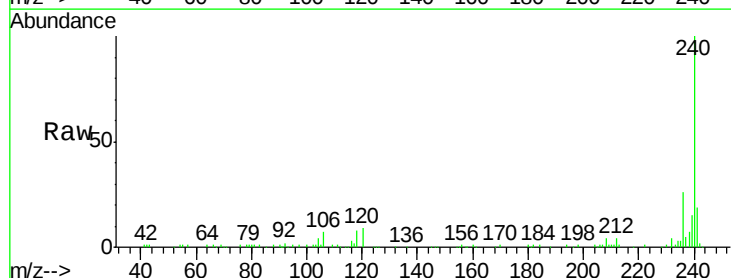
Instrument :
BNA_F
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BART-3-E(7-8)

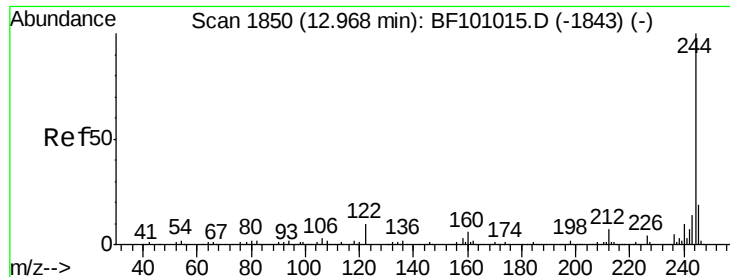
Tot Ion:188 Resp: 107438
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.9 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101192.D
Acq: 7 Dec 2017 3:12

Tgt Ion:240 Resp: 99869
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 61.548 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101192.D

Acq: 7 Dec 2017 3:12

Instrument :

BNA_F

ClientSampleId :

BART-3-E(7-8)

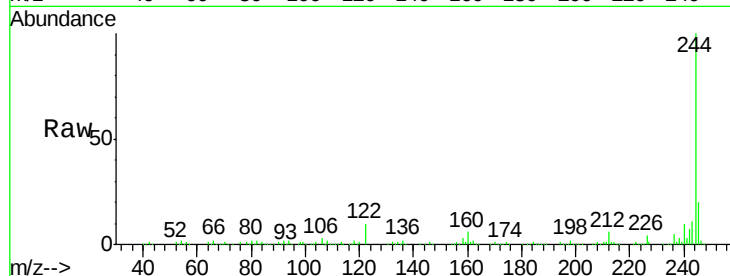
Tot Ion:244 Resp: 281024

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

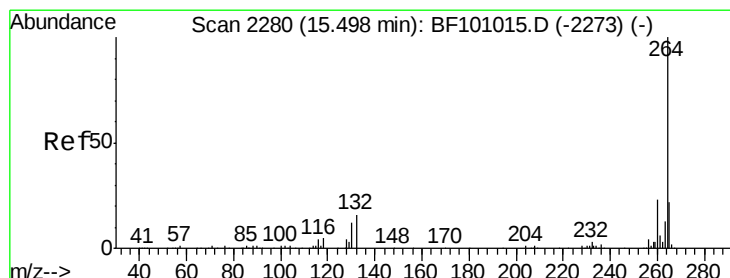
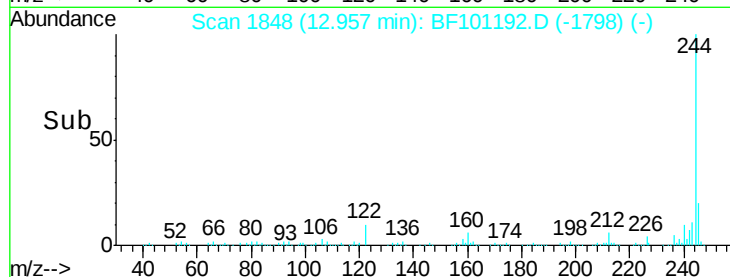
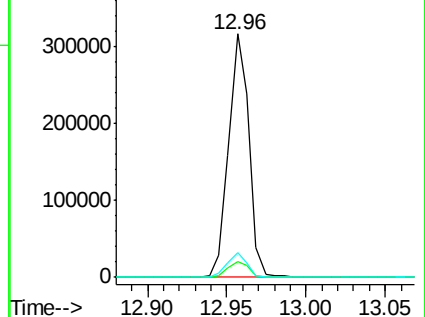
122 10.4 11.0 16.4#



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101192.D

Acq: 7 Dec 2017 3:12

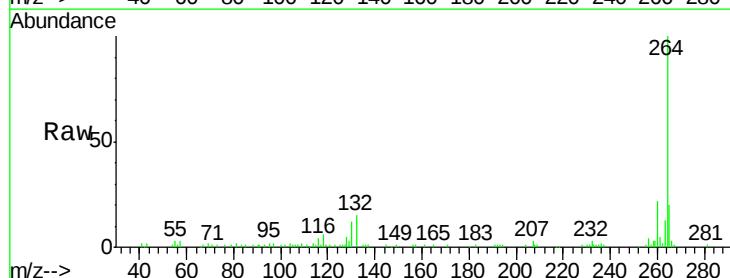
Tgt Ion:264 Resp: 83712

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.5 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

