

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101655.D
 Acq On : 22 Dec 2017 16:05
 Operator : SJ/JU
 Sample : I6883-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-01

Quant Time: Dec 22 22:54:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

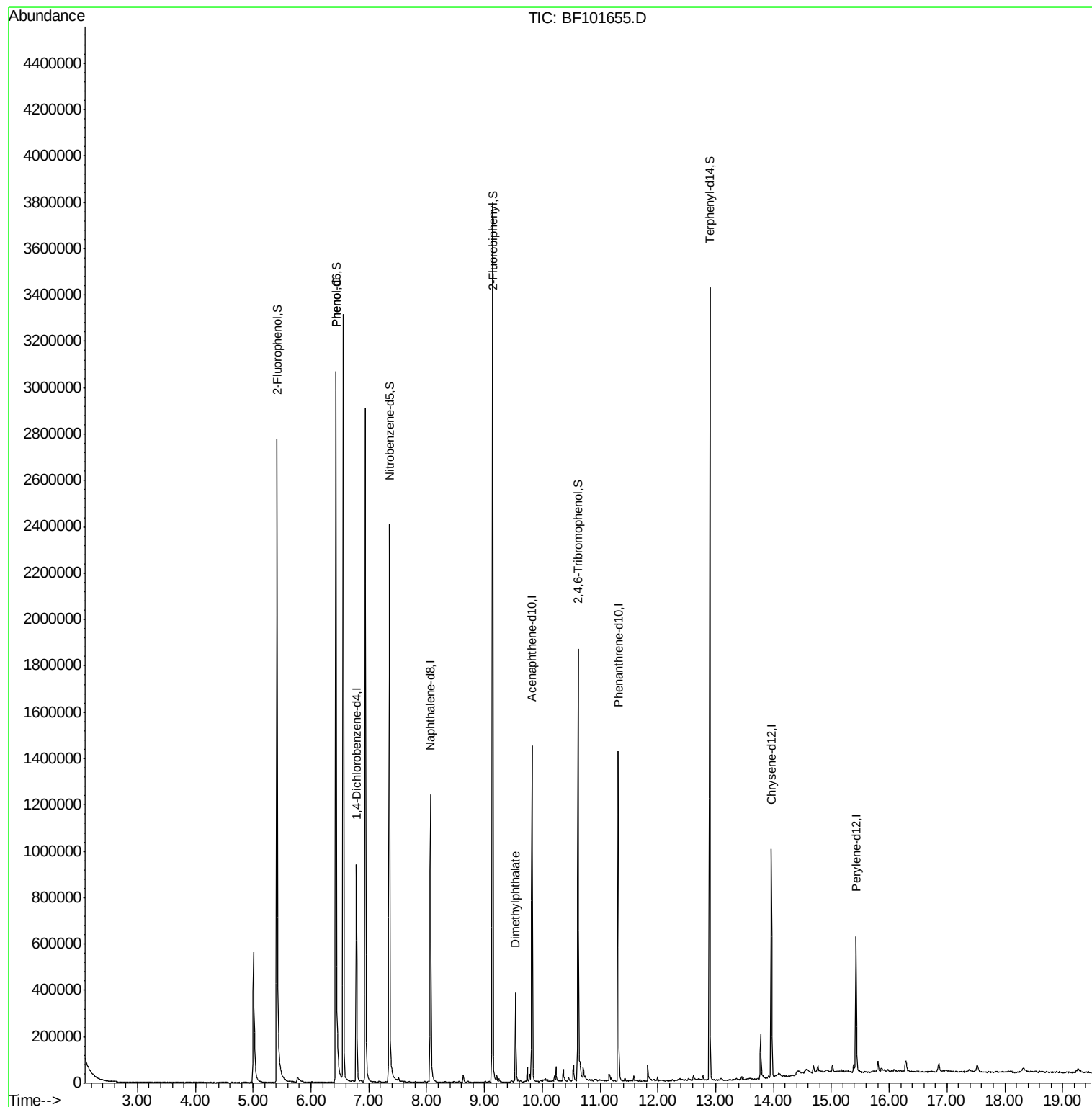
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143224	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	602087	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	275063	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	508727	20.00	ng	0.00
75) Chrysene-d12	13.96	240	335554	20.00	ng	0.00
86) Perylene-d12	15.43	264	295055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	963118	100.17	ng	0.00
7) Phenol-d6	6.43	99	1346287	112.51	ng	0.00
23) Nitrobenzene-d5	7.36	82	884526	81.78	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	264212	99.69	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1390180	78.40	ng	0.00
78) Terphenyl-d14	12.90	244	1266508	90.99	ng	0.00
Target Compounds						
10) Phenol	6.44	94	75721	5.552	ng	80
49) Dimethylphthalate	9.54	163	154476	6.982	ng	100

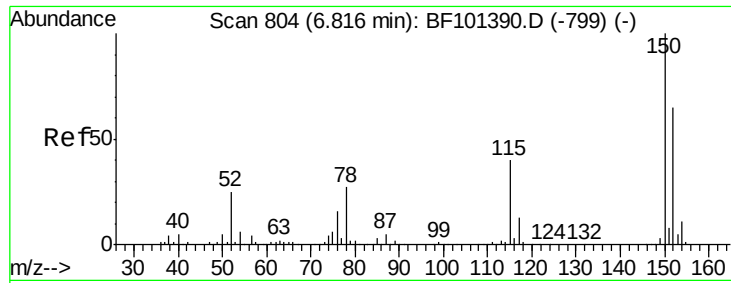
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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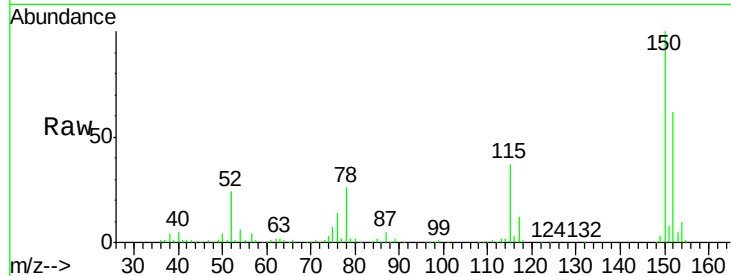


#1

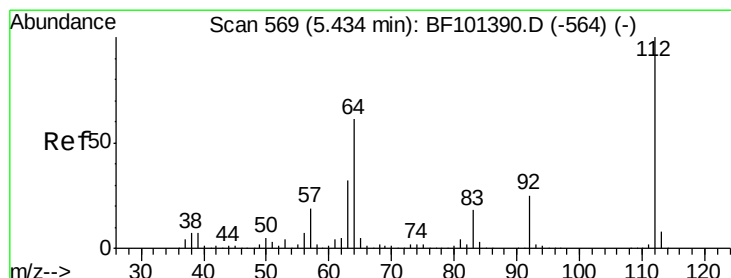
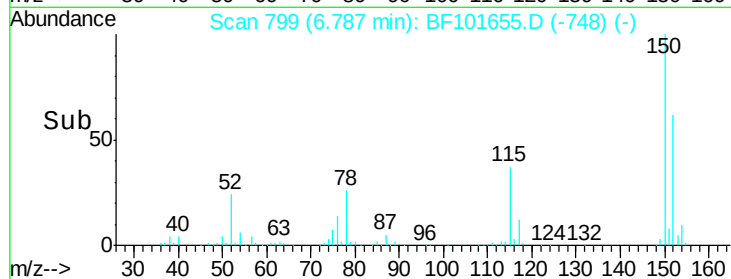
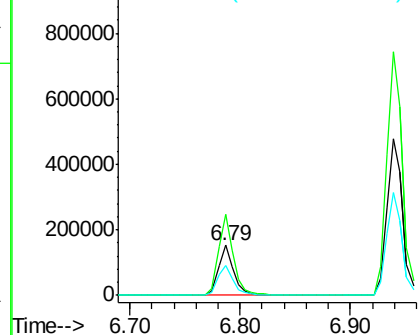
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Instrument :
BNA_F
ClientSampled :
EP-01

Tgt Ion:152 Resp: 143224
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 60.3 50.1 75.1



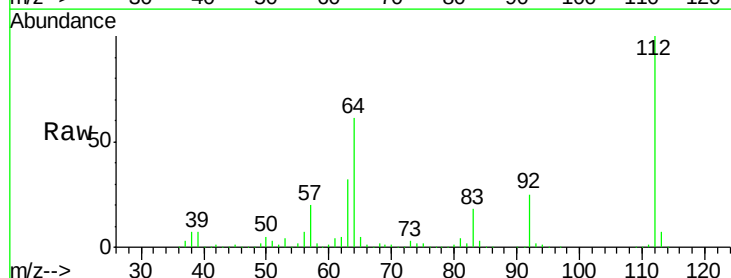
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



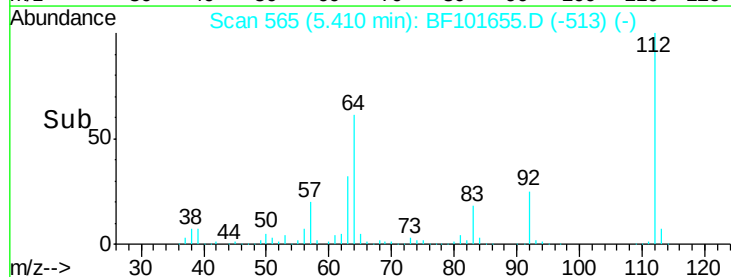
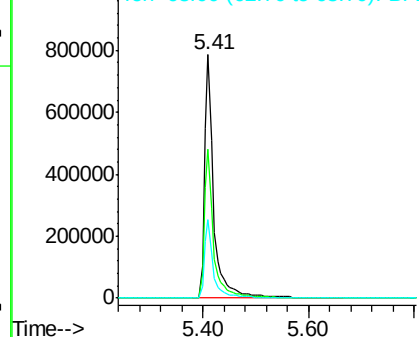
#5

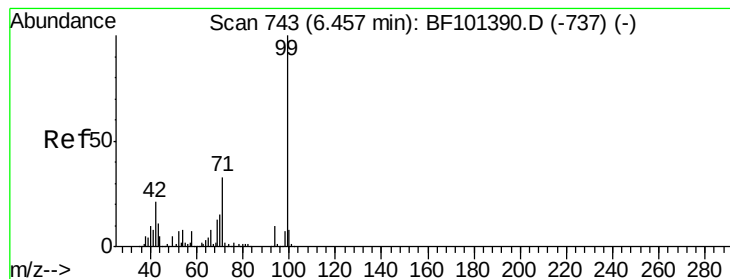
2-Fluorophenol
Concen: 100.168 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Tgt Ion:112 Resp: 963118
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 32.0 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: 112.506 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101655.D

Acq: 22 Dec 2017 16:05

Instrument :

BNA_F

ClientSampleId :

EP-01

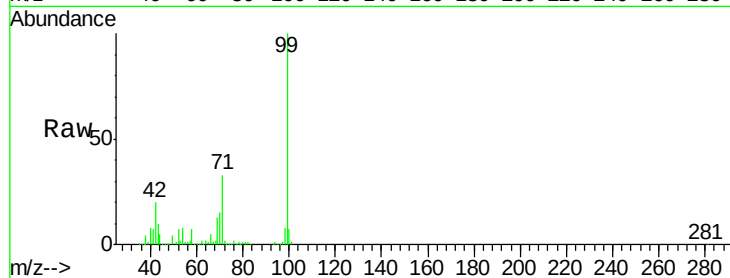
Tgt Ion: 99 Resp: 1346287

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

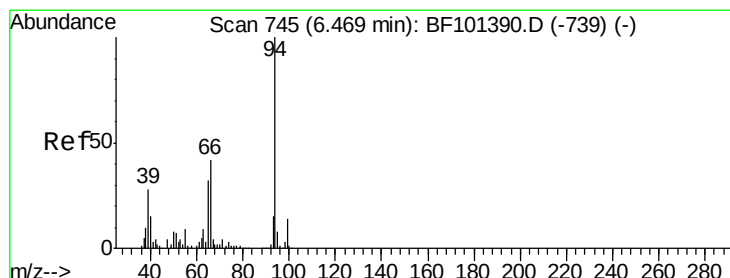
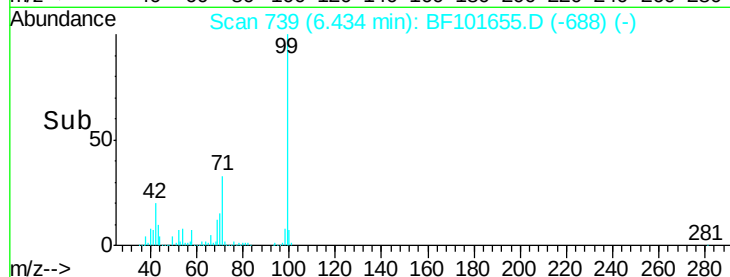
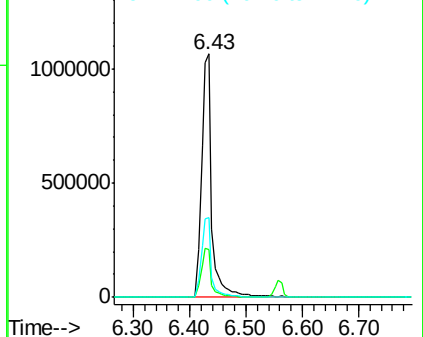
71 32.7 25.4 38.0



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: 5.552 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101655.D

Acq: 22 Dec 2017 16:05

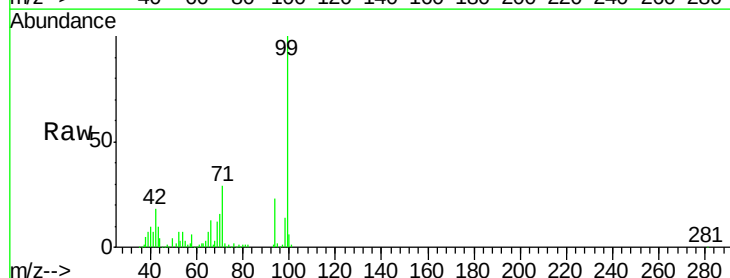
Tgt Ion: 94 Resp: 75721

Ion Ratio Lower Upper

94 100

65 31.8 7.9 47.9

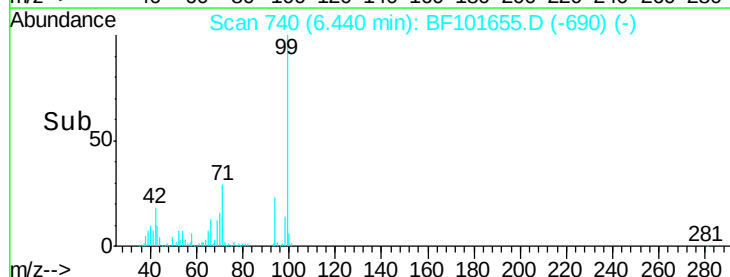
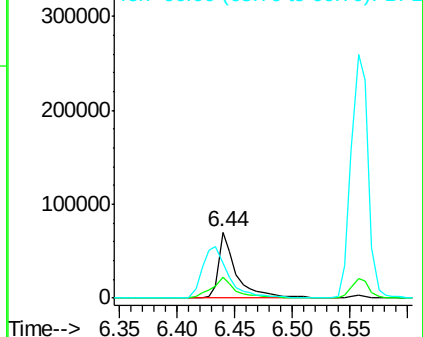
66 53.6 16.2 56.2

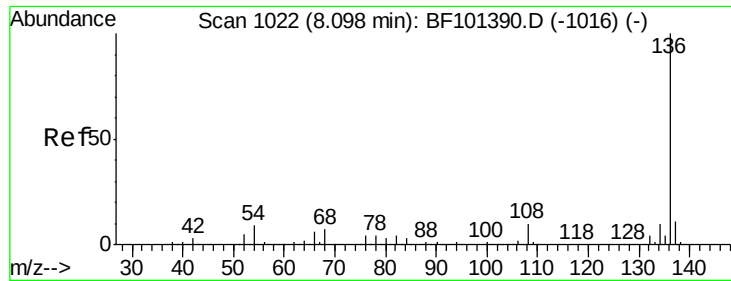


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

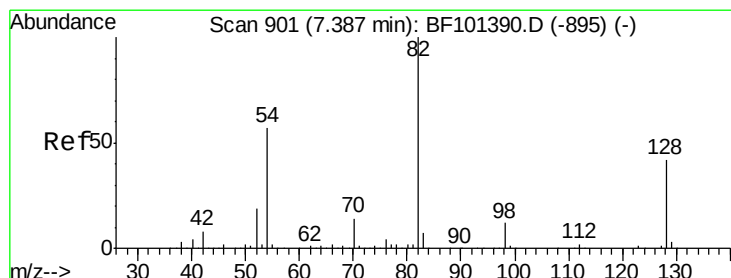
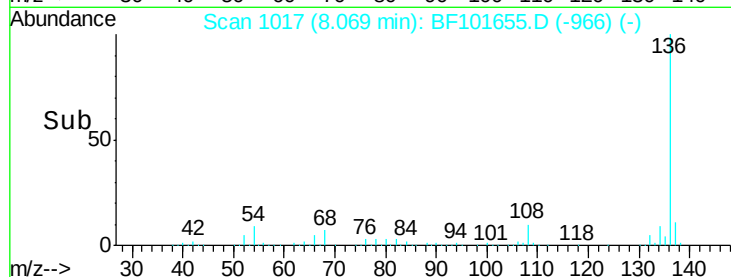
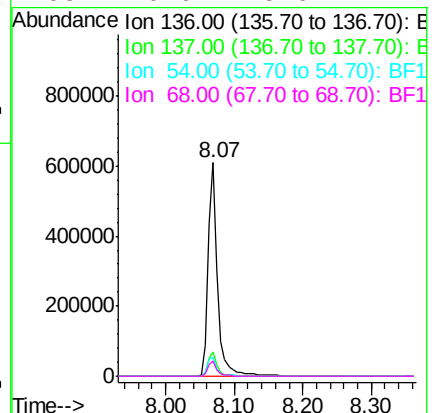
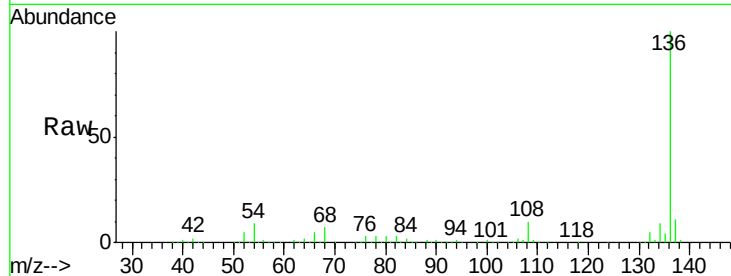




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

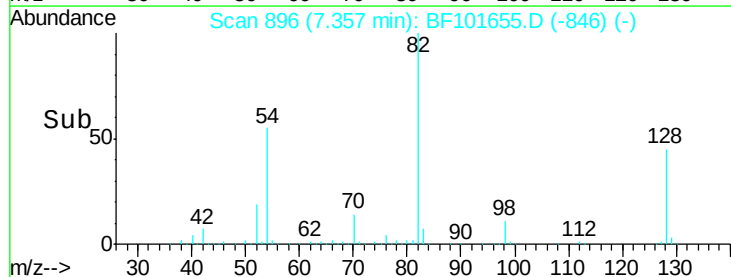
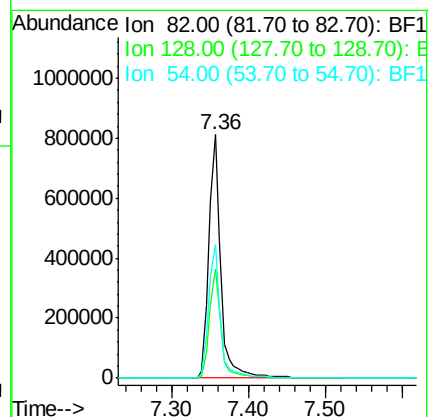
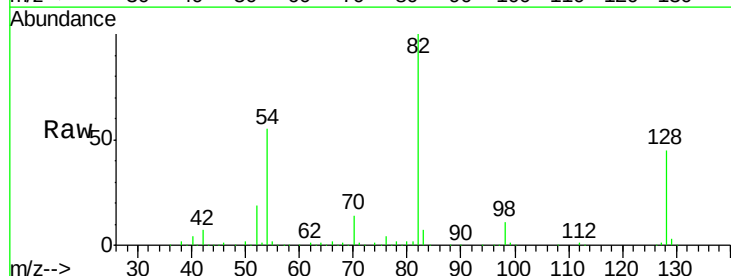
Instrument :
BNA_F
ClientSampleId :
EP-01

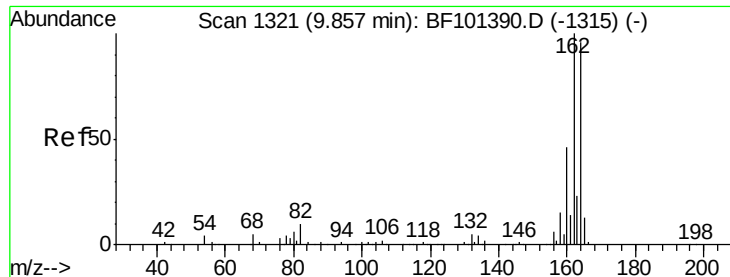
Tgt Ion:	136	Resp:	602087
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.9	6.6	9.8
68	6.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.779 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Tgt Ion:	82	Resp:	884526
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	54.6	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101655.D

Acq: 22 Dec 2017 16:05

Instrument :

BNA_F

ClientSampleId :

EP-01

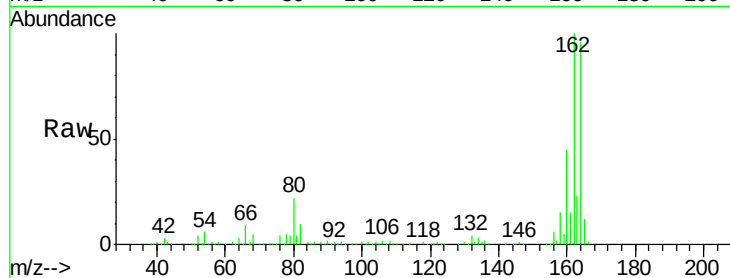
Tgt Ion:164 Resp: 275063

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

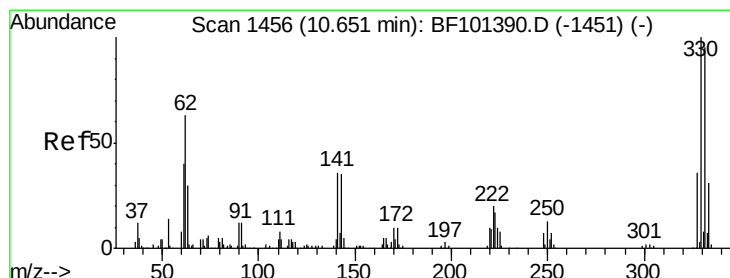
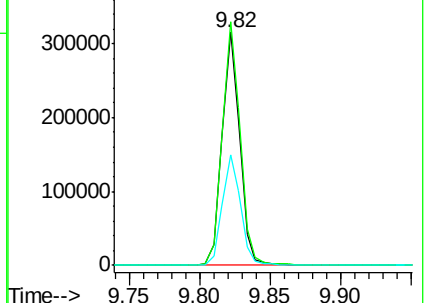
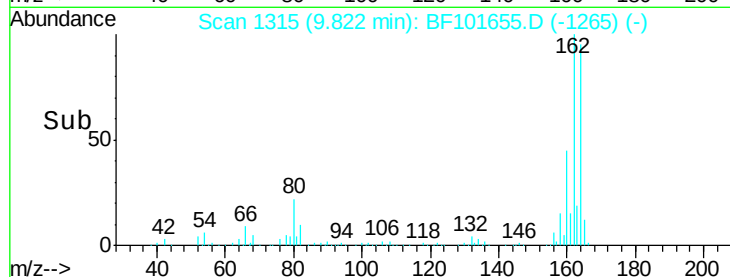
160 47.4 38.3 57.5



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: 99.686 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101655.D

Acq: 22 Dec 2017 16:05

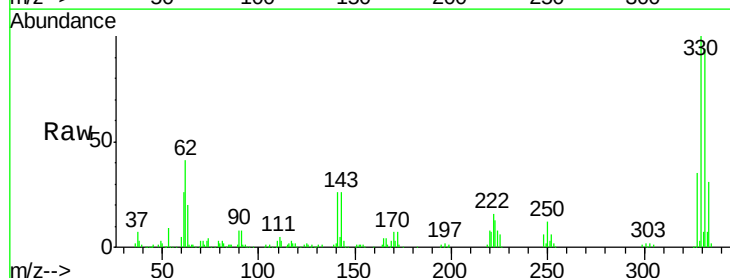
Tgt Ion:330 Resp: 264212

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

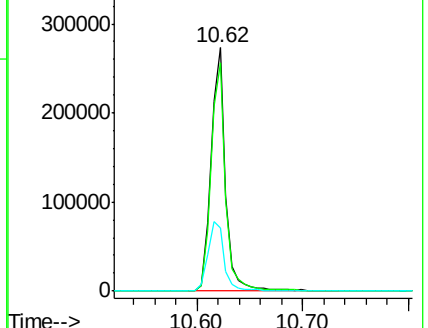
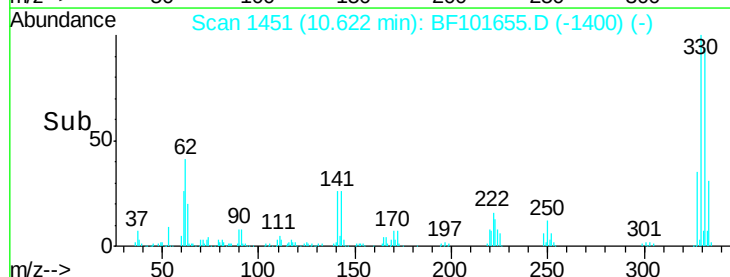
141 32.4 29.9 44.9

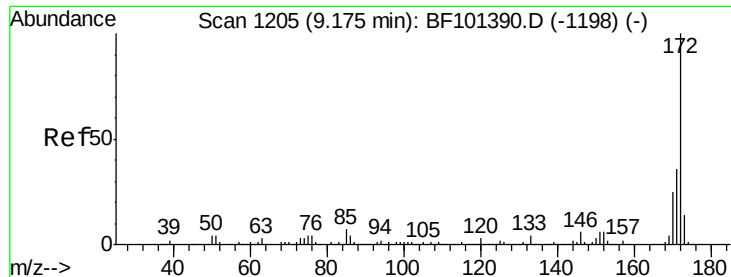


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

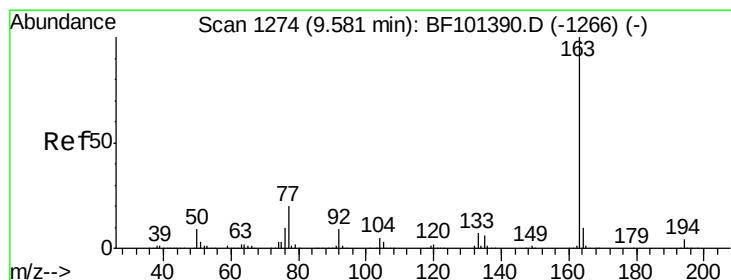
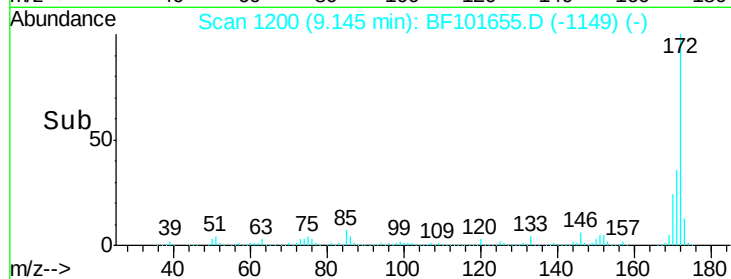
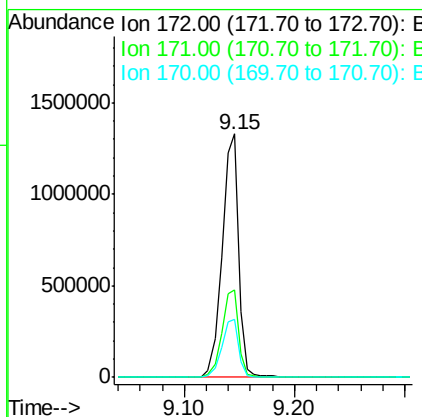
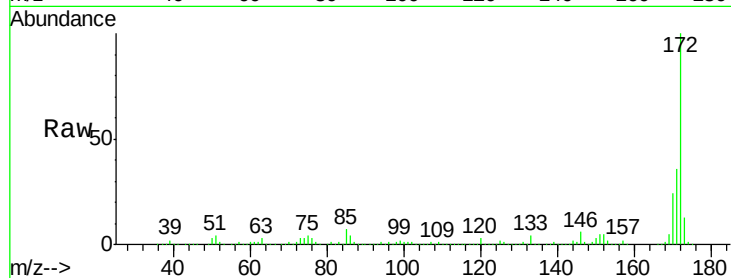




#44
 2-Fluorobiphenyl
 Concen: 78.400 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101655.D
 Acq: 22 Dec 2017 16:05

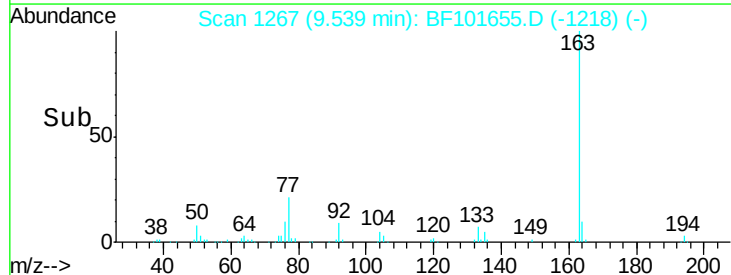
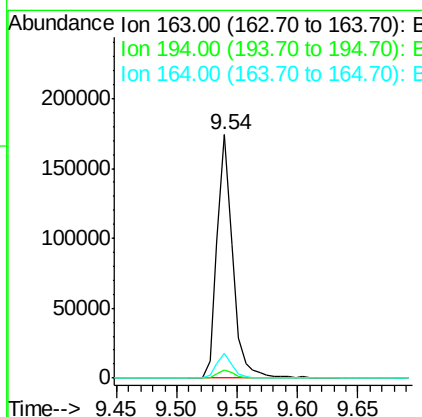
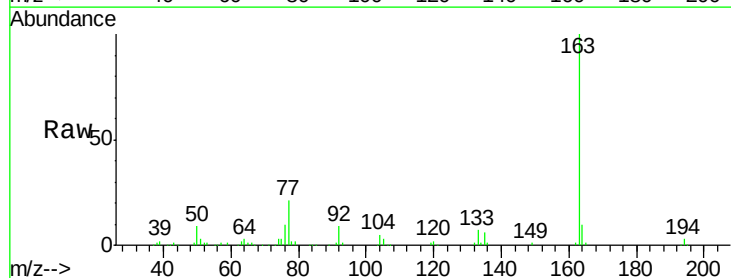
Instrument :
 BNA_F
 ClientSampleId :
 EP-01

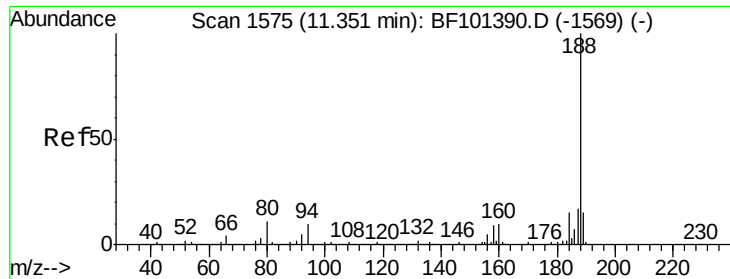
Tgt Ion:172 Resp: 1390180
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.982 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF101655.D
 Acq: 22 Dec 2017 16:05

Tgt Ion:163 Resp: 154476
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.2 8.2 12.2

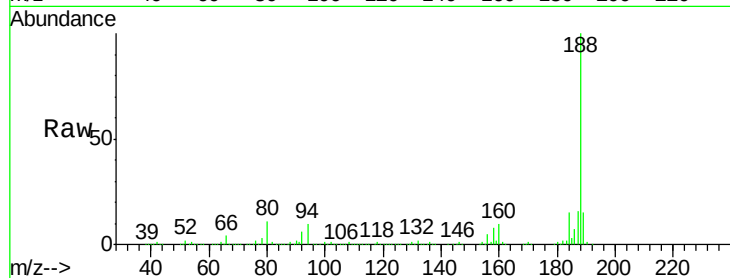




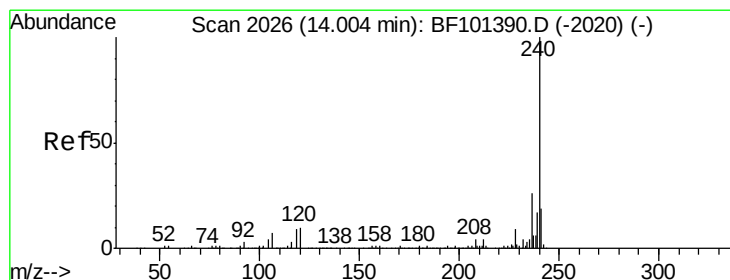
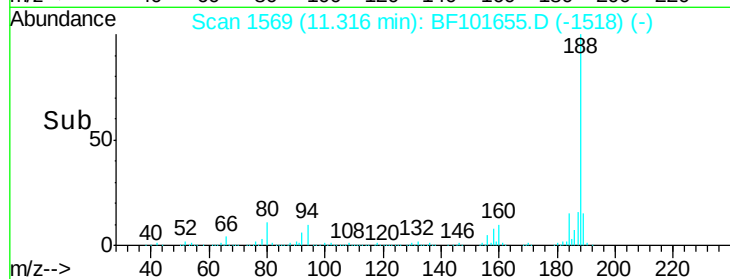
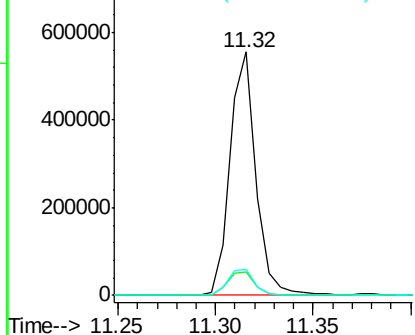
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :
EP-01

Tgt Ion:188 Resp: 508727
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.7 9.2 13.8

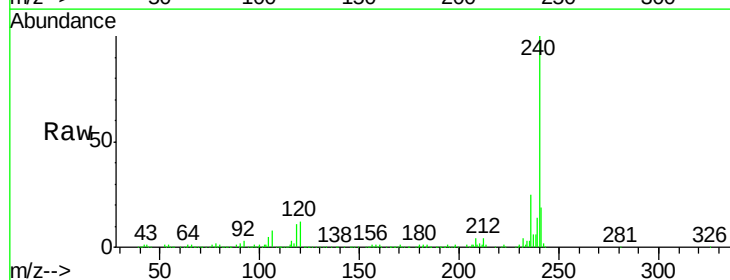


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

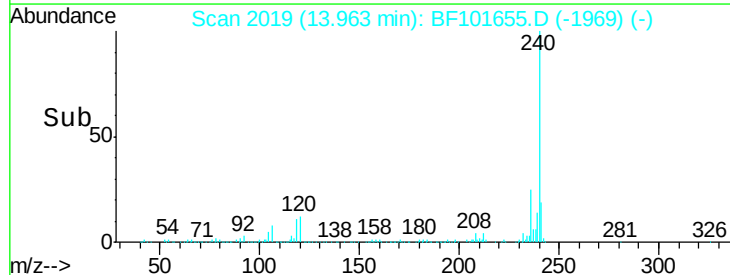
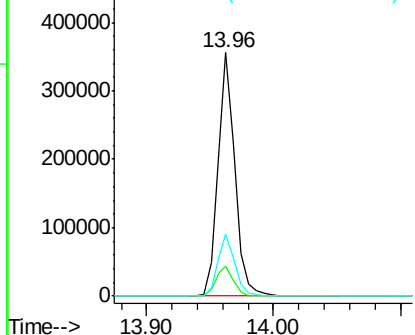


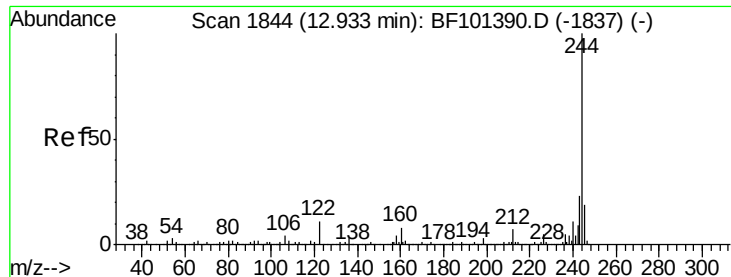
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101655.D
Acq: 22 Dec 2017 16:05

Tgt Ion:240 Resp: 335554
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.4 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: 90.992 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101655.D

Acq: 22 Dec 2017 16:05

Instrument :

BNA_F

ClientSampleId :

EP-01

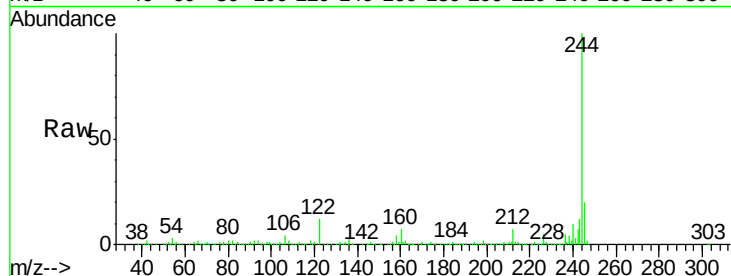
Tgt Ion:244 Resp: 1266508

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

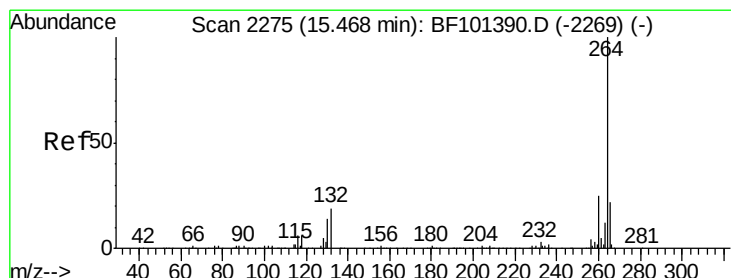
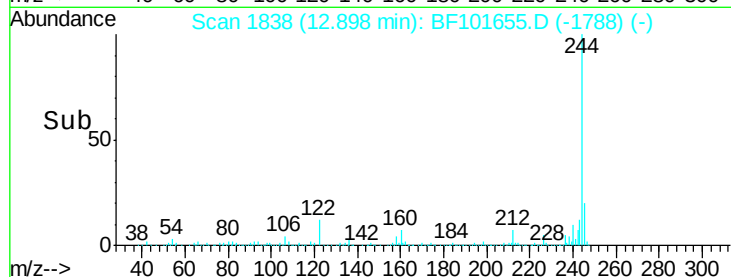
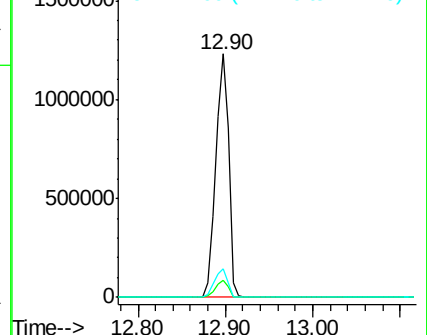
122 11.8 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101655.D

Acq: 22 Dec 2017 16:05

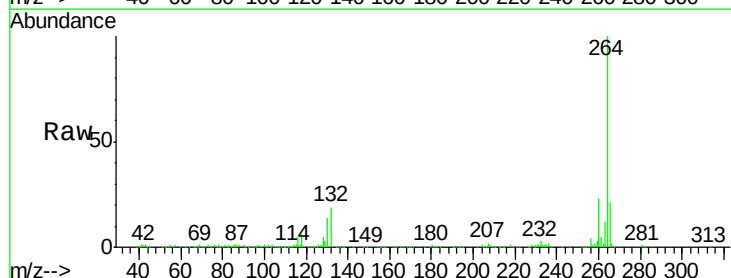
Tgt Ion:264 Resp: 295055

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.3 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

