

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096876.D
 Acq On : 19 Jul 2017 18:07
 Operator : SJ/JU
 Sample : I4254-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12019/72-11985/72-12016-COMP

Quant Time: Jul 20 08:16:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

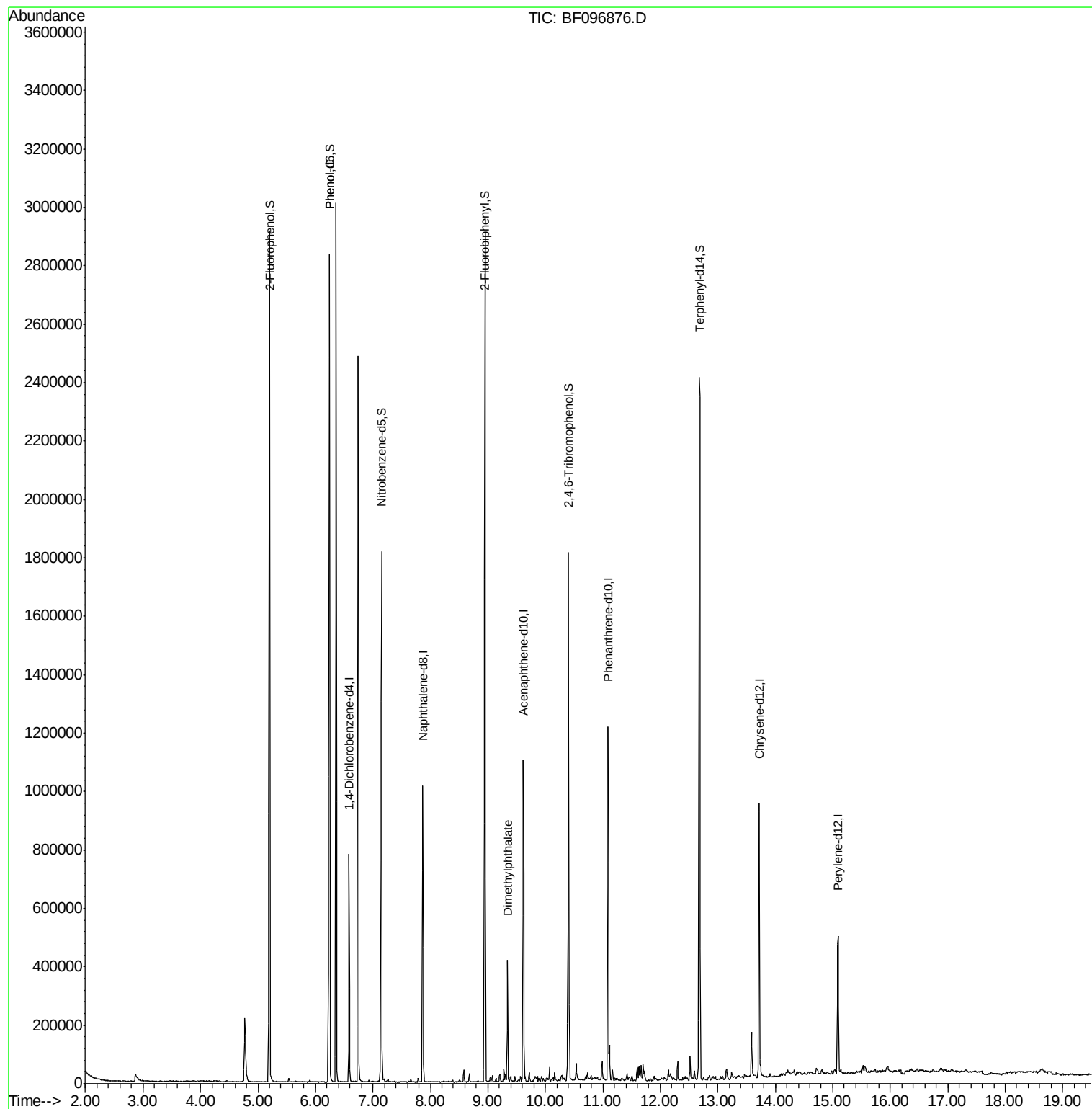
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	107224	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	457939	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	210221	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	401944	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	304347	20.00	ng	-0.01
86) Perylene-d12	15.09	264	193447	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	908775	127.44	ng	0.00
7) Phenol-d6	6.25	99	1103738	128.98	ng	0.00
23) Nitrobenzene-d5	7.15	82	658861	89.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	240284	133.91	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	1119973	84.17	ng	-0.01
78) Terphenyl-d14	12.68	244	893676	50.92	ng	-0.01
Target Compounds						
10) Phenol	6.25	94	42161	4.358	ng	91
49) Dimethylphthalate	9.35	163	185467	11.717	ng	98

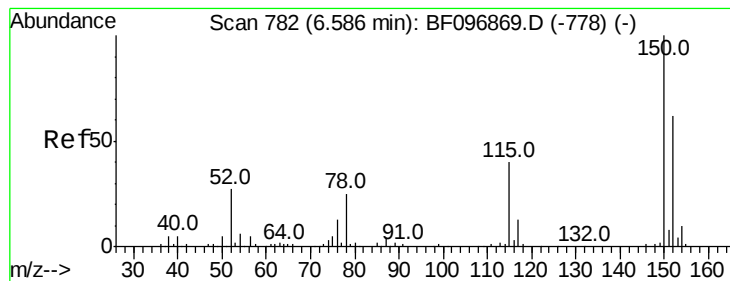
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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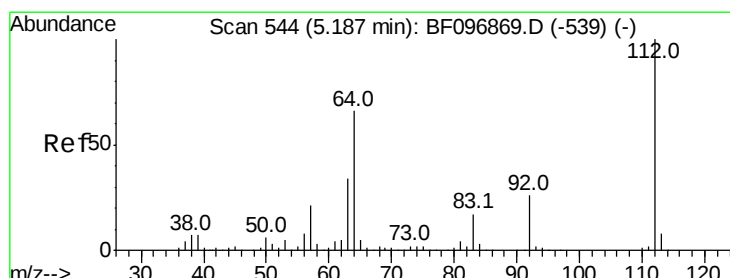
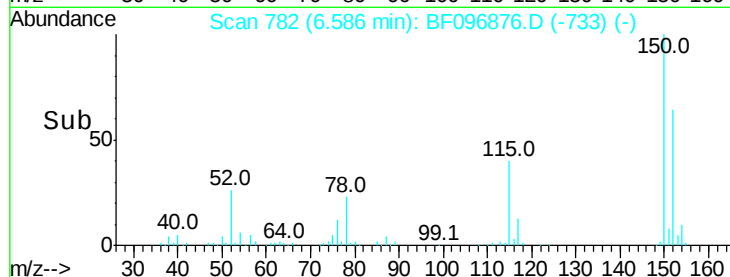
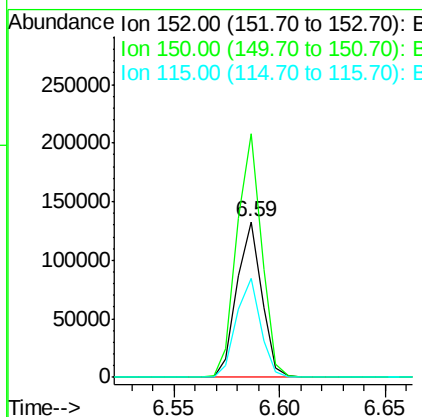
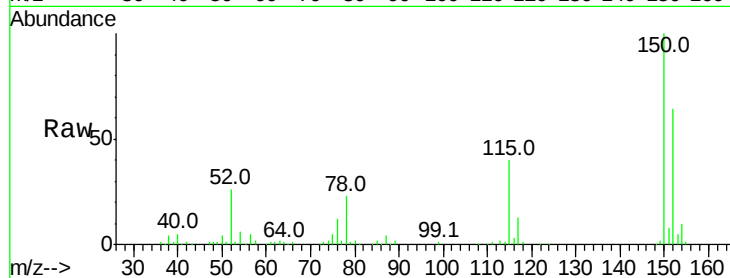


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
72-12019/72-11985/72-12016-COMP

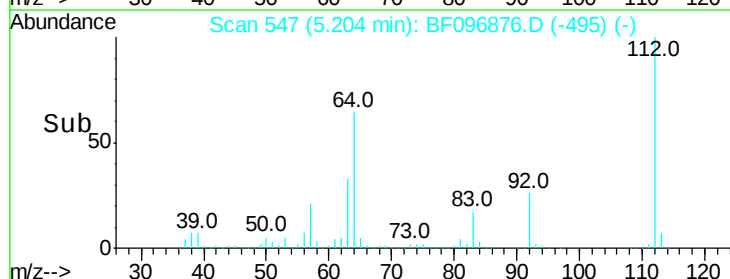
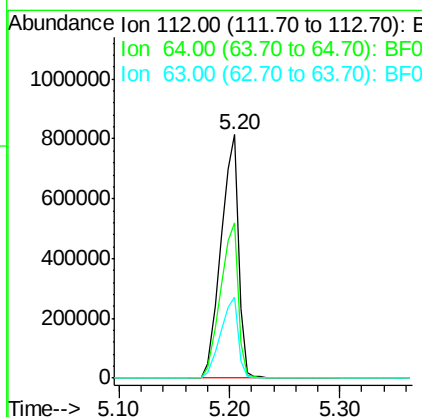
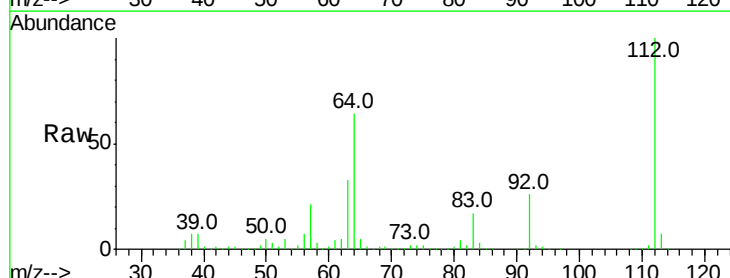
Tot Ion:152 Resp: 107224
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 63.3 52.2 78.2

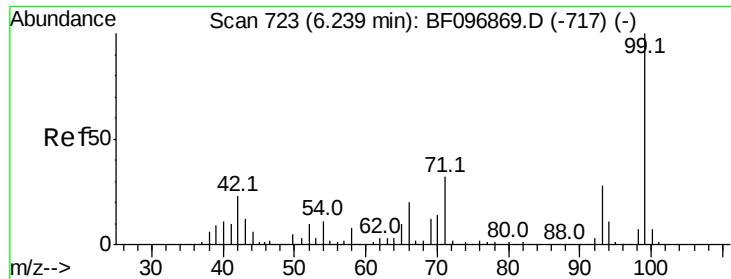


#5

2-Fluorophenol
Concen: 127.436 ng
RT: 5.20 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Tgt Ion:112 Resp: 908775
Ion Ratio Lower Upper
112 100
64 64.0 46.0 69.0
63 33.2 23.4 35.0





#7

Phenol-d6

Concen: 128.976 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096876.D

Acq: 19 Jul 2017 18:07

Instrument :

BNA_F

ClientSampleId :

72-12019/72-11985/72-12016-COMP

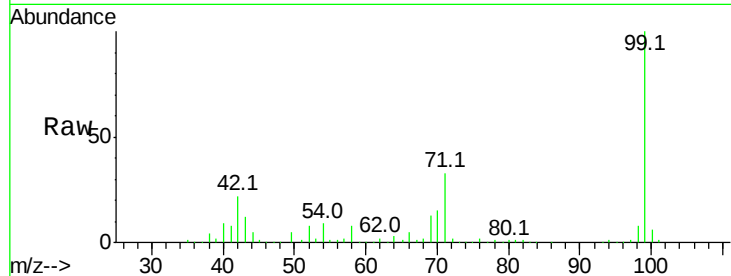
Tot Ion: 99 Resp: 1103738

Ion Ratio Lower Upper

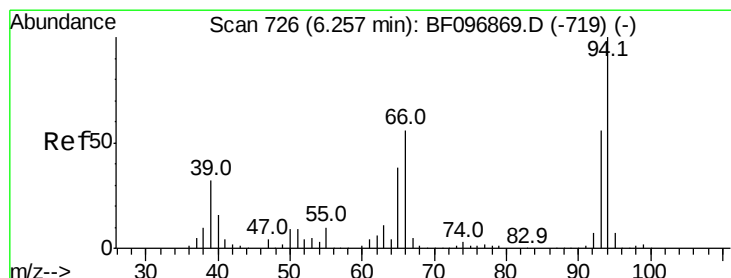
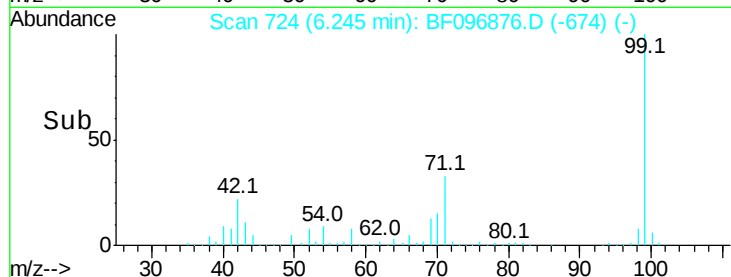
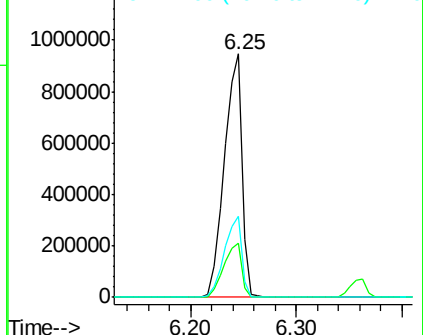
99 100

42 22.1 13.5 20.3#

71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.358 ng

RT: 6.25 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF096876.D

Acq: 19 Jul 2017 18:07

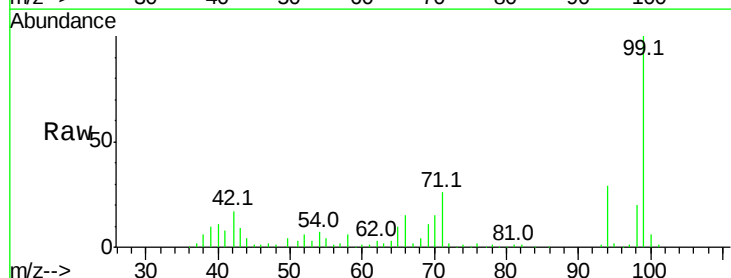
Tgt Ion: 94 Resp: 42161

Ion Ratio Lower Upper

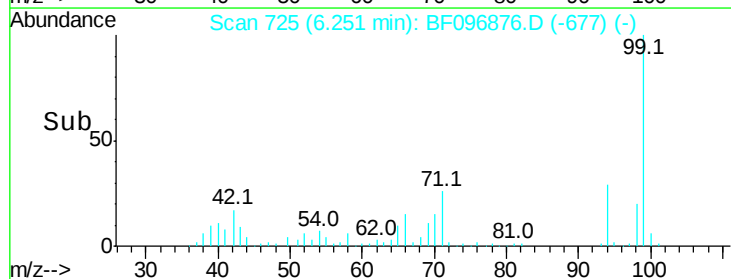
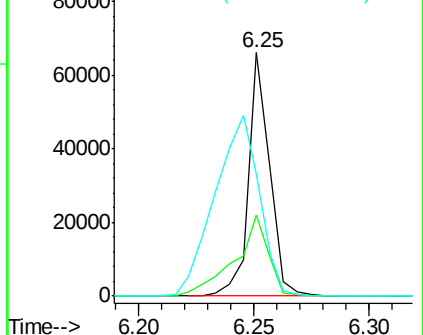
94 100

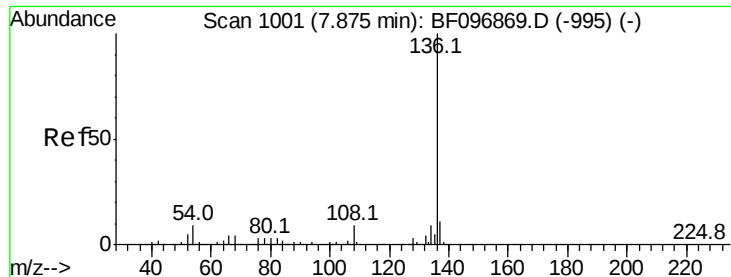
65 33.4 9.9 49.9

66 50.0 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

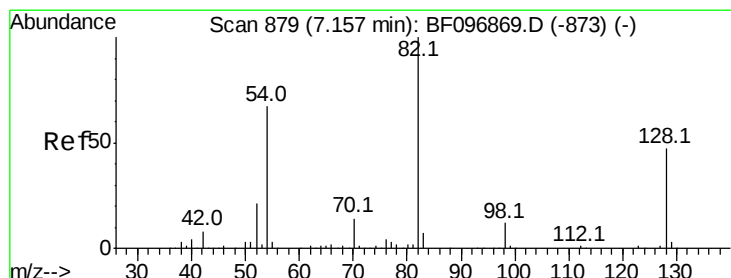
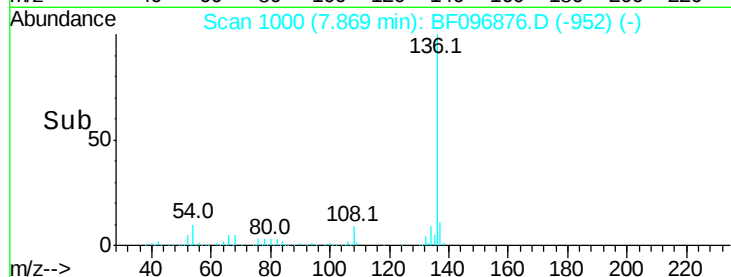
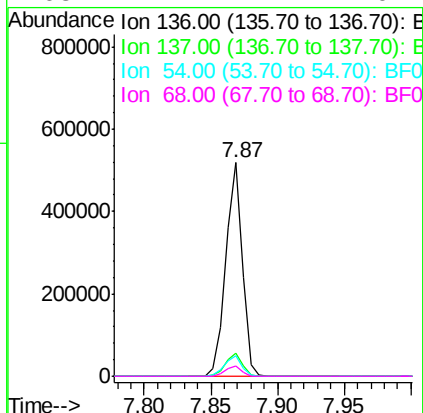
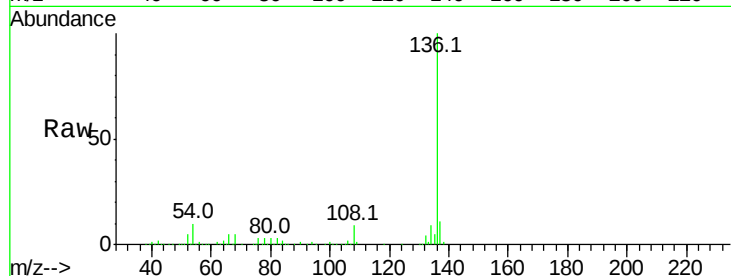




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

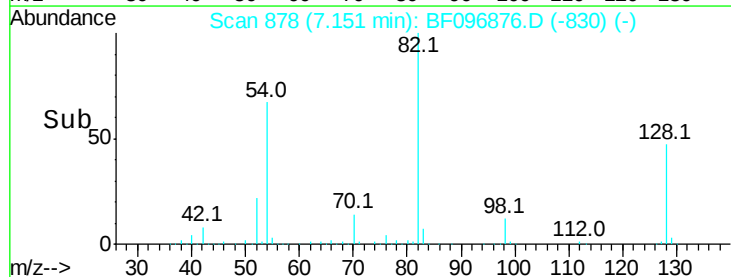
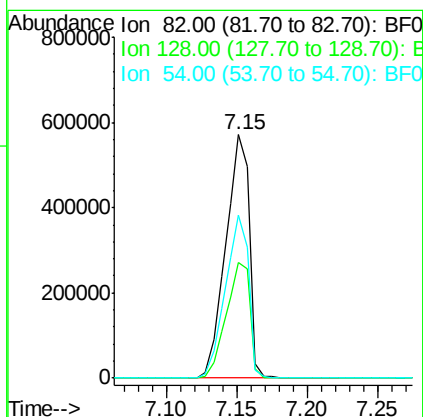
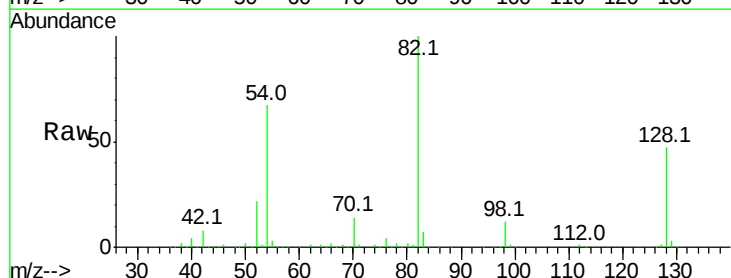
Instrument :
BNA_F
ClientSampleId :
72-12019/72-11985/72-12016-COMP

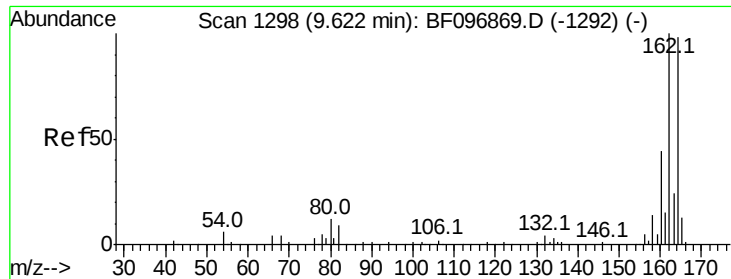
Tot Ion:	136	Resp:	457939
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.6	4.9	7.3#
68	4.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 89.118 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Tgt Ion:	82	Resp:	658861
Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	67.1	42.2	63.2#

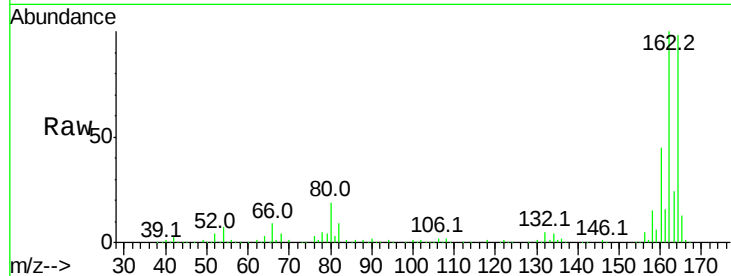




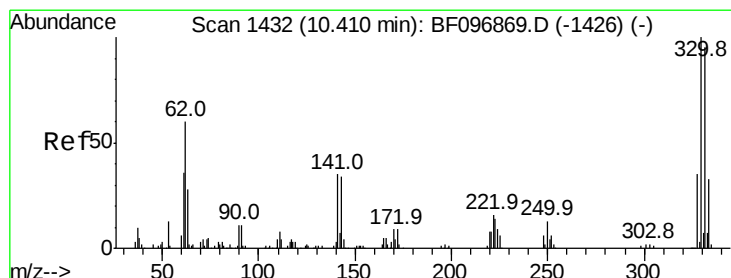
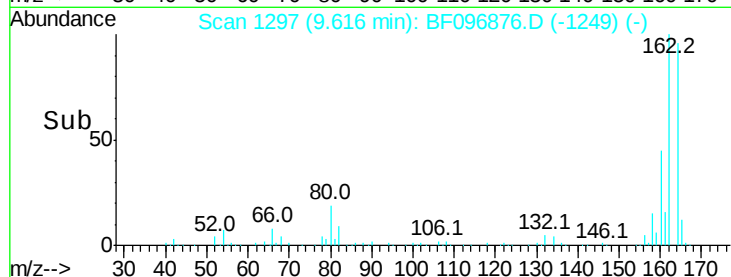
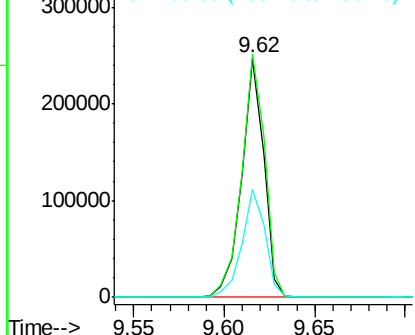
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
72-12019/72-11985/72-12016-COMP

Tot Ion:164 Resp: 210221
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.3 36.2 54.2

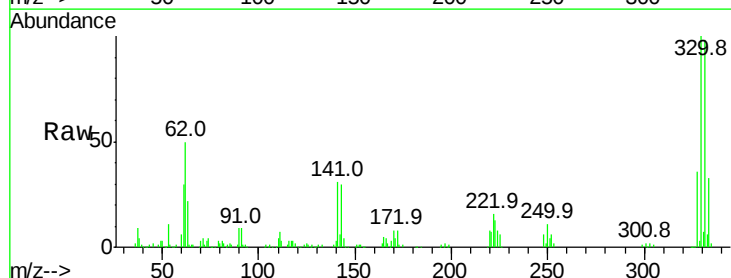


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

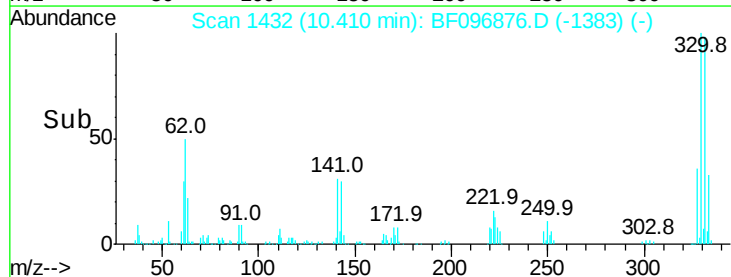
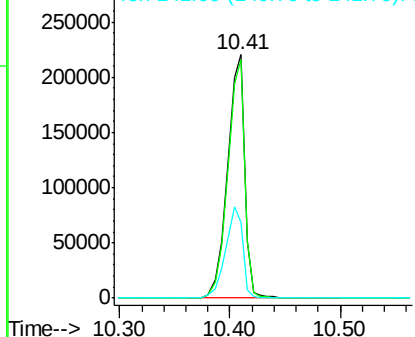


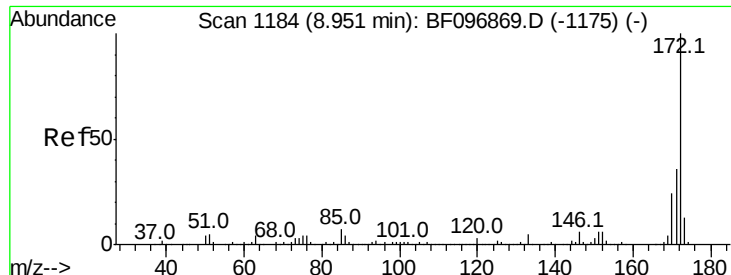
#41
2,4,6-Tribromophenol
Concen: 133.907 ng
RT: 10.41 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Tgt Ion:330 Resp: 240284
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 37.6 31.4 47.2



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

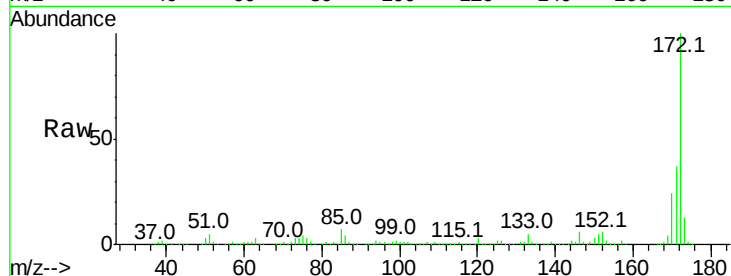




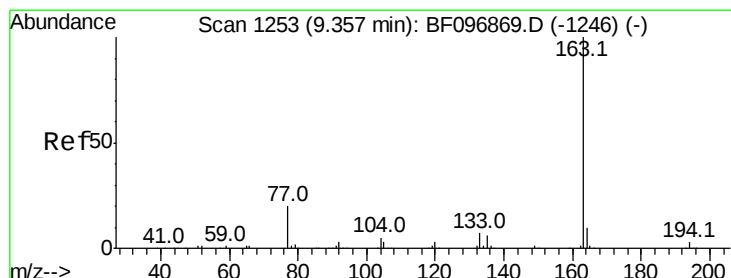
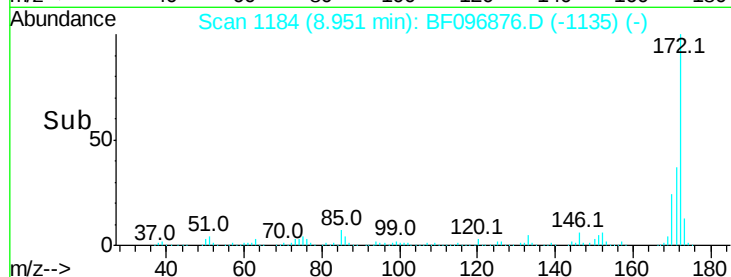
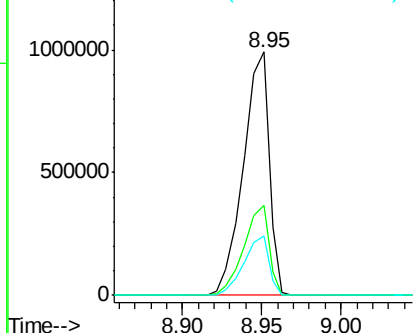
#44
2-Fluorobiphenyl
Concen: 84.172 ng
RT: 8.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
72-12019/72-11985/72-12016-COMP

Tot Ion:172 Resp: 1119973
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.1 19.8 29.8

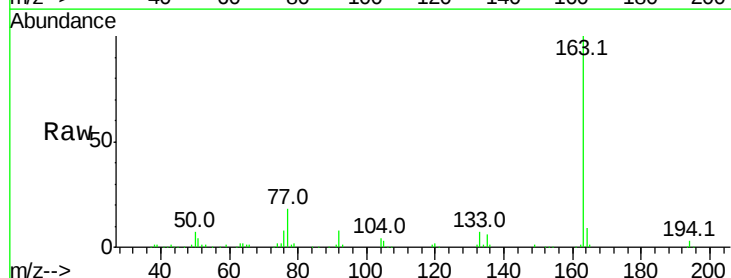


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

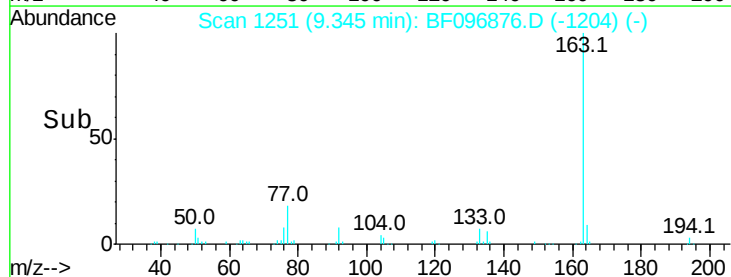
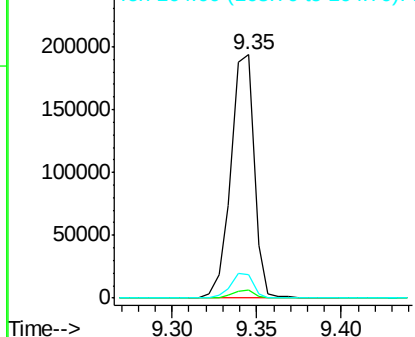


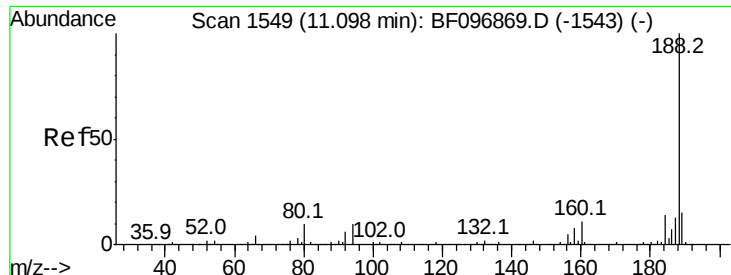
#49
Dimethylphthalate
Concen: 11.717 ng
RT: 9.35 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Tgt Ion:163 Resp: 185467
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.4 8.4 12.6



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

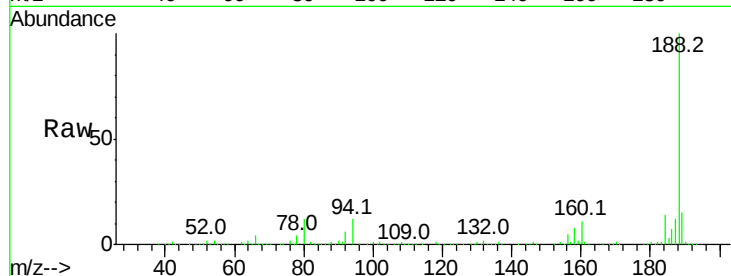




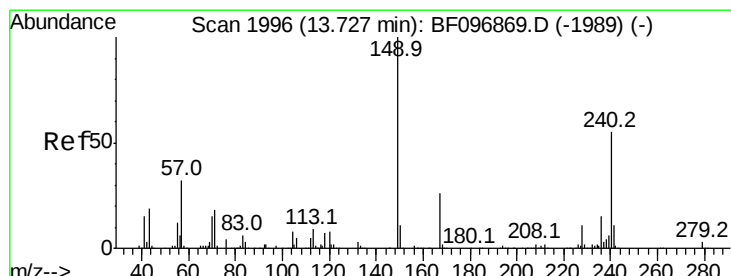
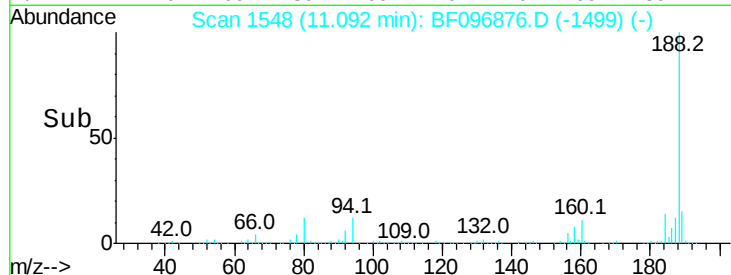
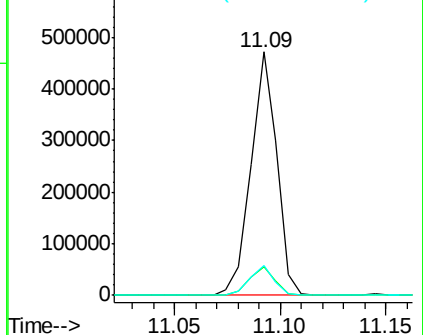
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
72-12019/72-11985/72-12016-COMP

Tot Ion:188 Resp: 401944
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.3 10.2 15.2

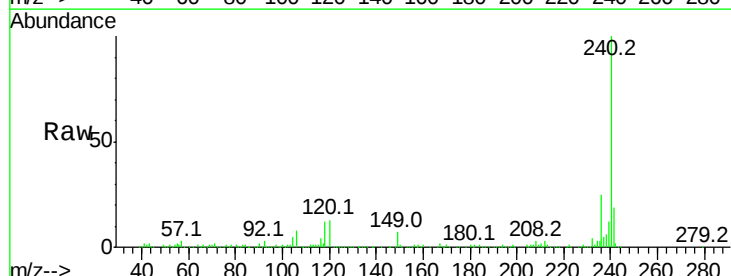


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

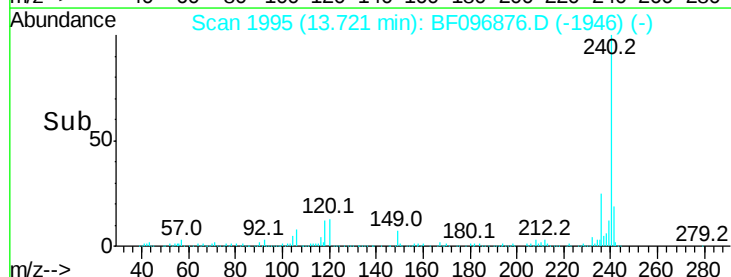
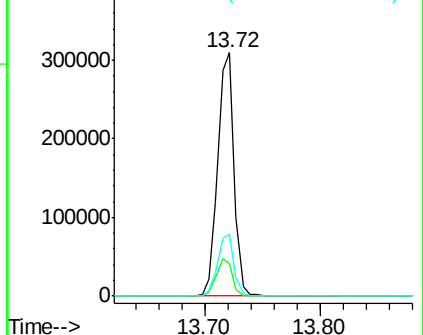


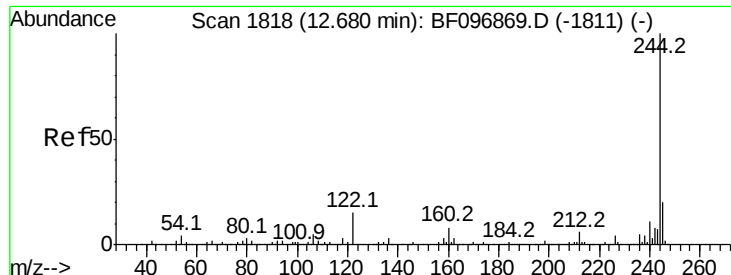
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Tgt Ion:240 Resp: 304347
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 25.4 20.5 30.7



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: 50.924 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096876.D

Acq: 19 Jul 2017 18:07

Instrument :

BNA_F

ClientSampleId :

72-12019/72-11985/72-12016-COMP

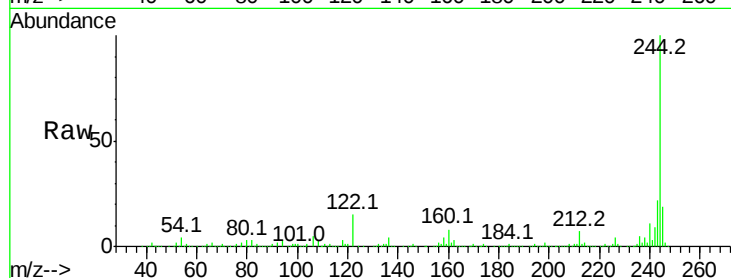
Tot Ion:244 Resp: 893676

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

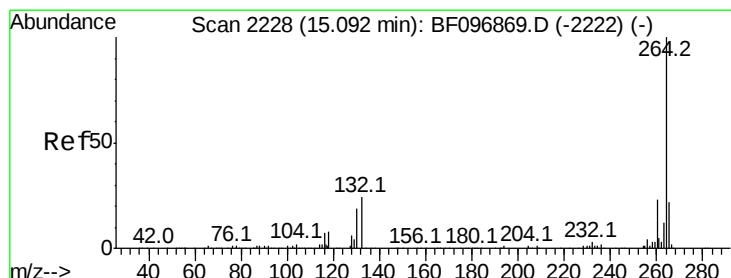
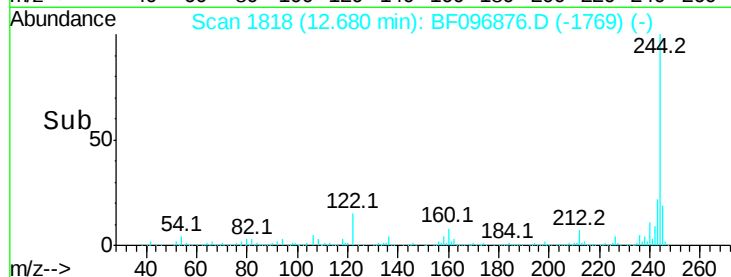
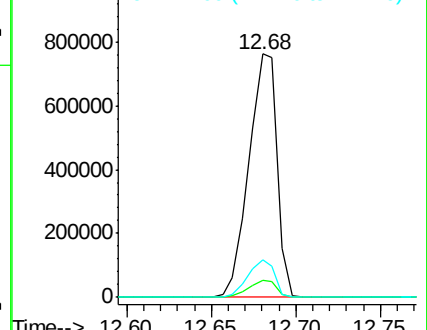
122 15.4 10.3 15.5



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: 15.09 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF096876.D

Acq: 19 Jul 2017 18:07

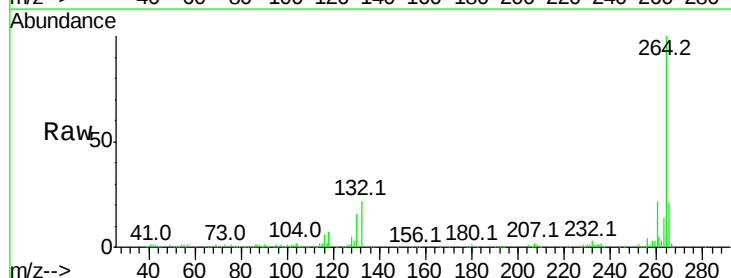
Tgt Ion:264 Resp: 193447

Ion Ratio Lower Upper

264 100

260 21.7 19.5 29.3

265 21.0 17.2 25.8



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

