

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096368.D
 Acq On : 1 Jul 2017 6:07
 Operator : SJ/MA
 Sample : I3947-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-TP2-COMP

Quant Time: Jul 01 06:55:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

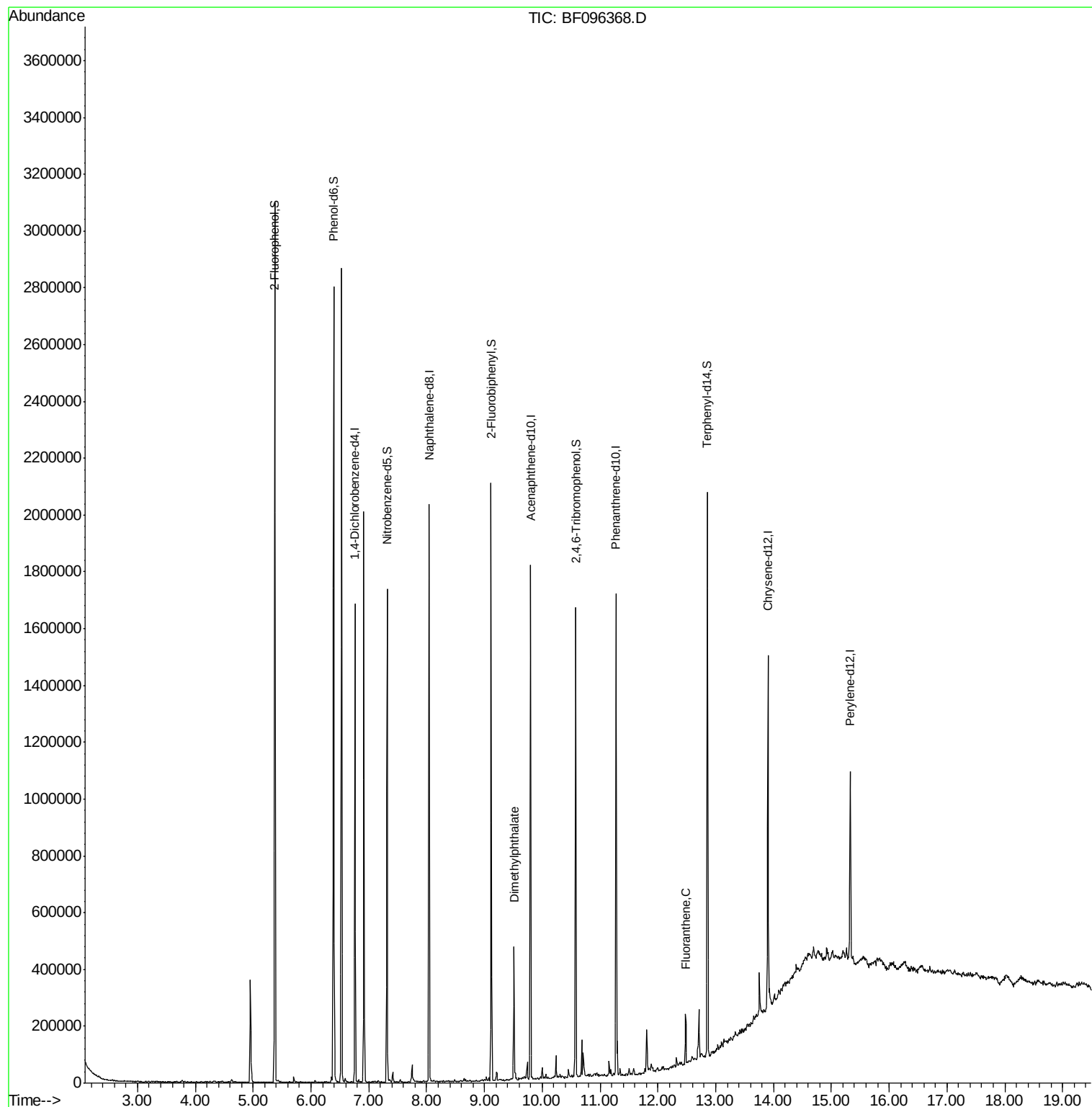
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	244905	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	911176	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	350354	20.00	ng	-0.01
63) Phenanthrene-d10	11.27	188	579758	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	437619	20.00	ng	-0.01
86) Perylene-d12	15.33	264	320763	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	839173	49.37	ng	0.00
7) Phenol-d6	6.39	99	1011677	49.15	ng	0.00
23) Nitrobenzene-d5	7.32	82	507179	38.53	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	197086	71.48	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	668494	34.94	ng	-0.03
78) Terphenyl-d14	12.86	244	617736	35.22	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.51	163	158435	6.32	ng	Qvalue 100
74) Fluoranthene	12.48	202	64768	2.01	ng	97

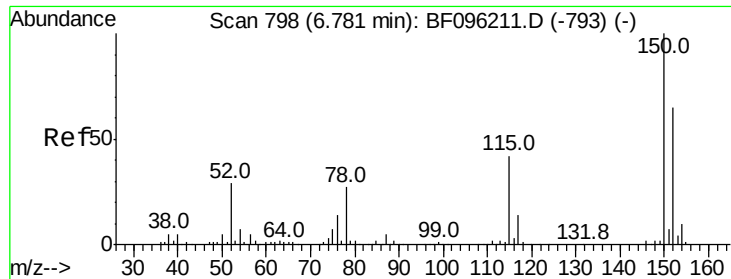
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

Instrument :

BNA_F

ClientSampleId :

TP1-TP2-COMP

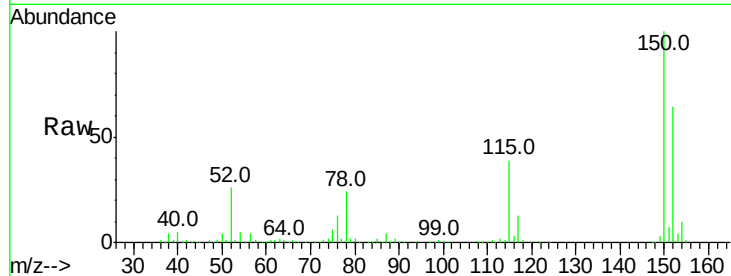
Tot Ion:152 Resp: 244905

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

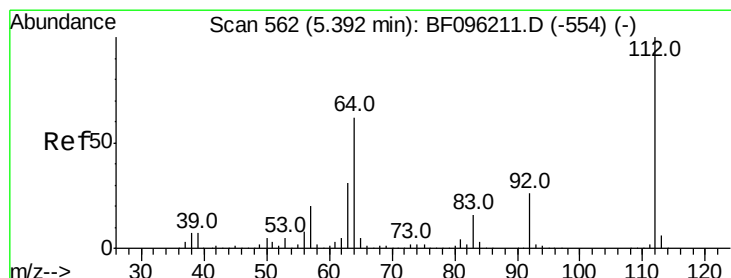
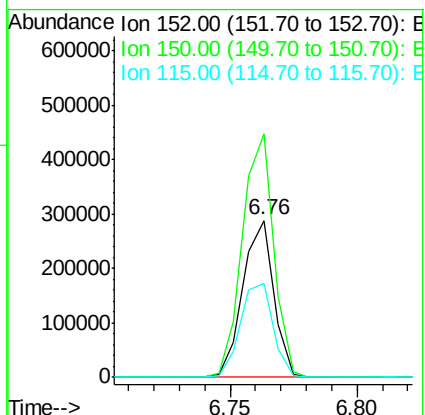
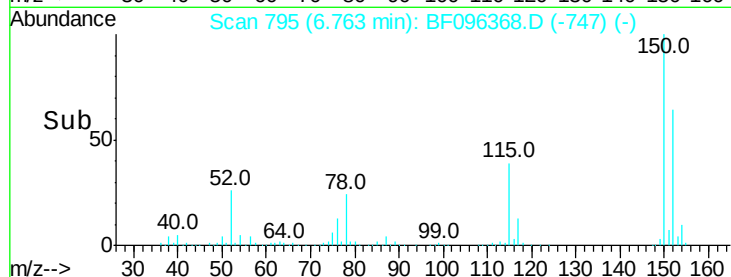
115 60.2 52.2 78.2



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: 49.37 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

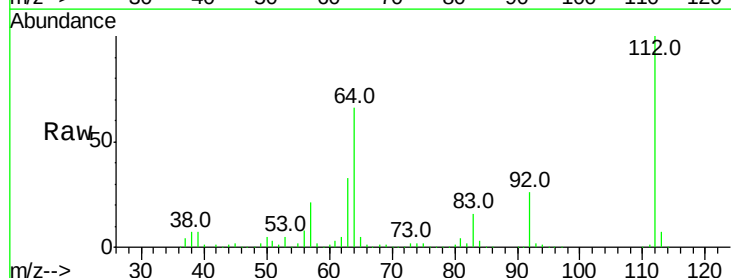
Tgt Ion:112 Resp: 839173

Ion Ratio Lower Upper

112 100

64 66.0 46.0 69.0

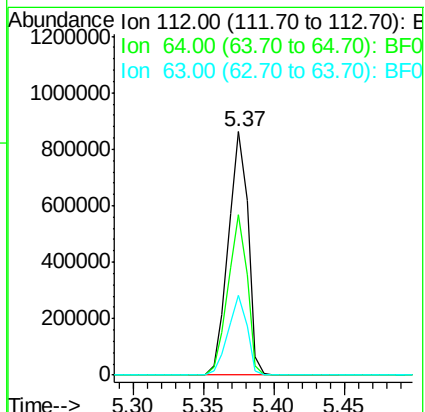
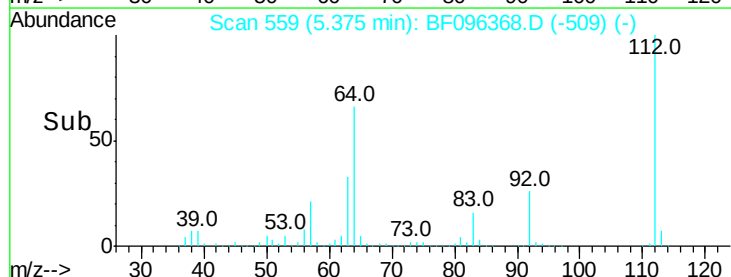
63 32.5 23.4 35.0

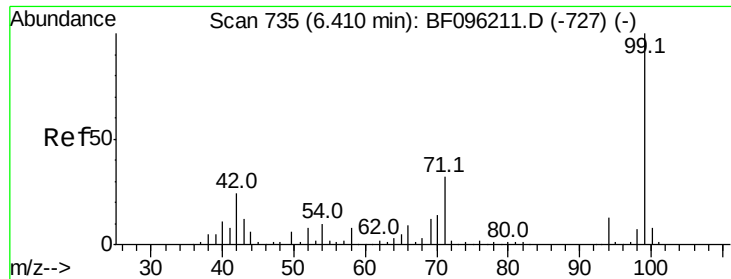


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.15 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

Instrument :

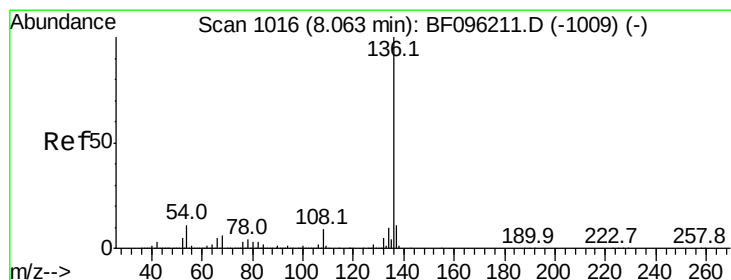
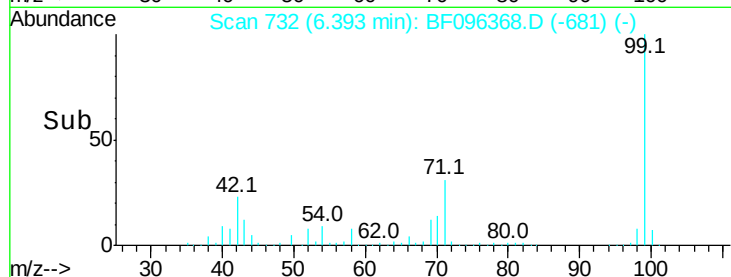
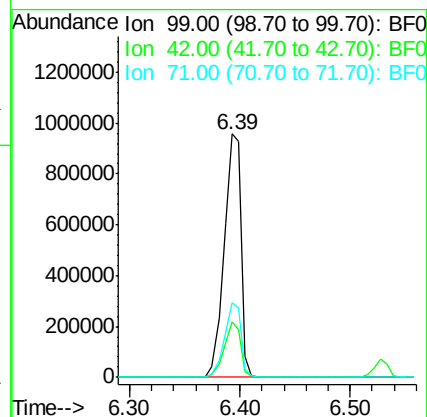
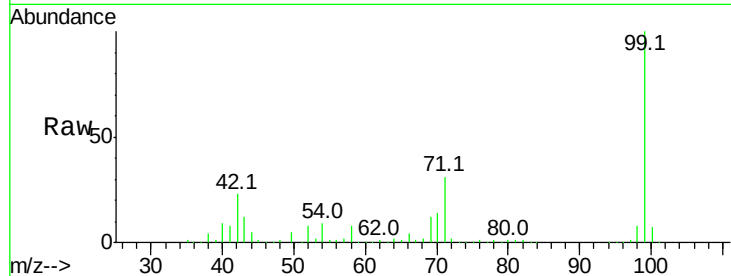
BNA_F

ClientSampleId :

TP1-TP2-COMP

Tot Ion: 99 Resp: 1011677

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	30.6	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1013

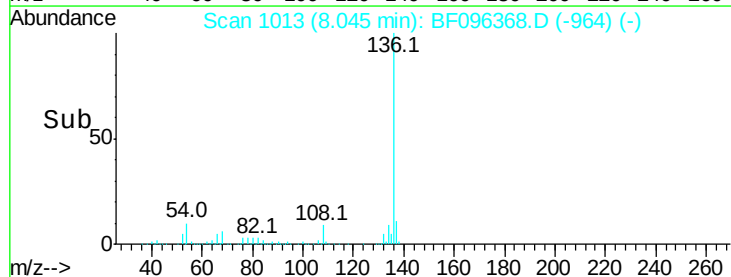
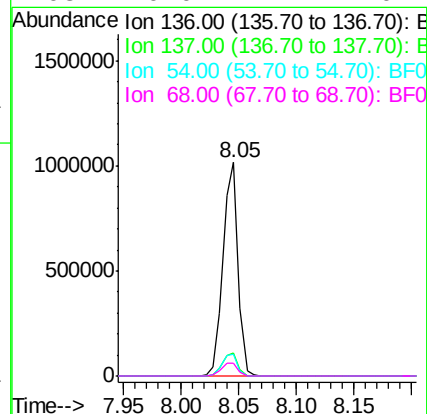
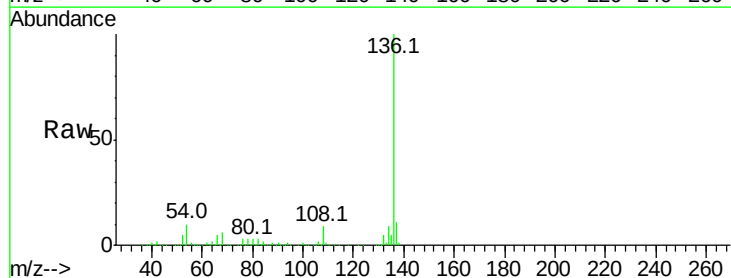
Delta R.T. -0.01 min

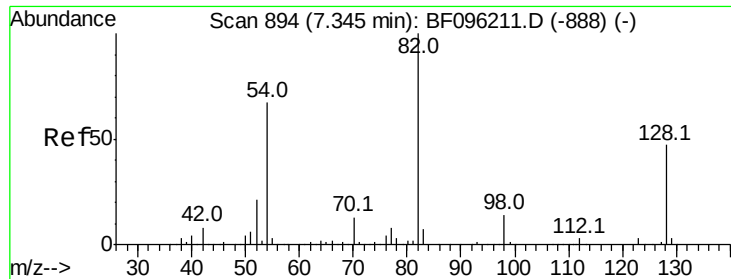
Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

Tgt Ion: 136 Resp: 911176

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.0	4.9	7.3#
68	6.0	4.1	6.1

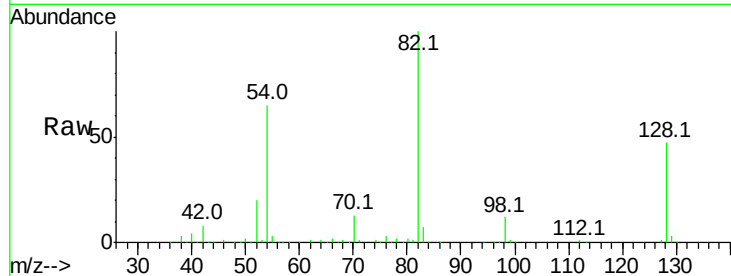




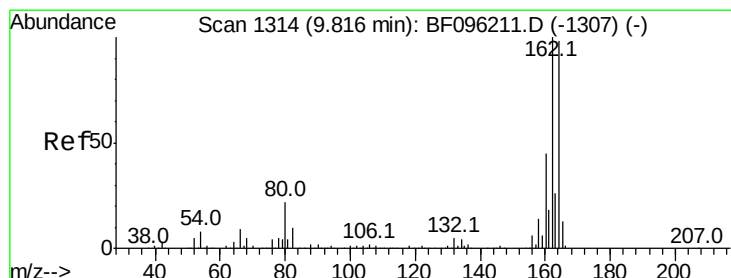
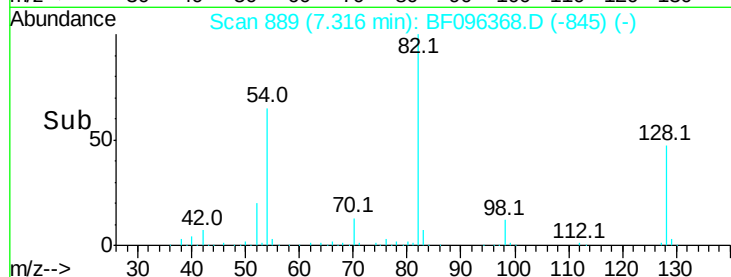
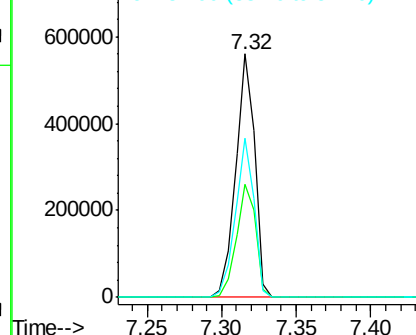
#23
Nitrobenzene-d5
Concen: 38.53 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Instrument :
BNA_F
ClientSampleId :
TP1-TP2-COMP

Tot Ion: 82 Resp: 507179
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 65.2 42.2 63.2#

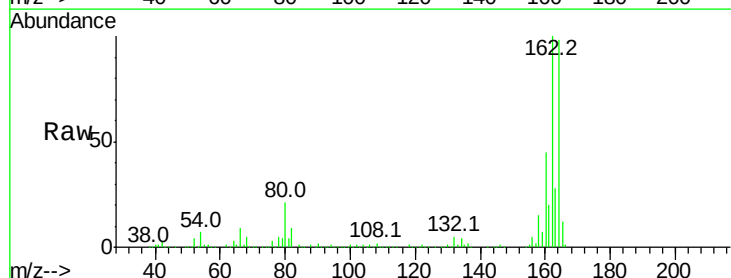


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

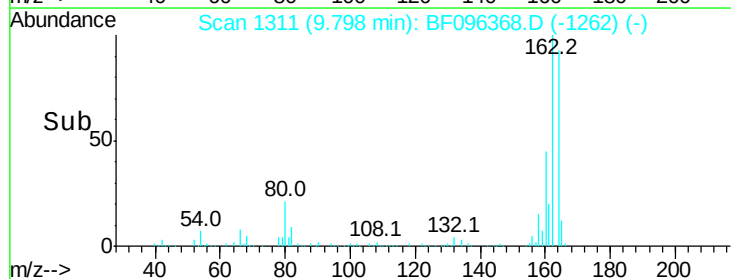
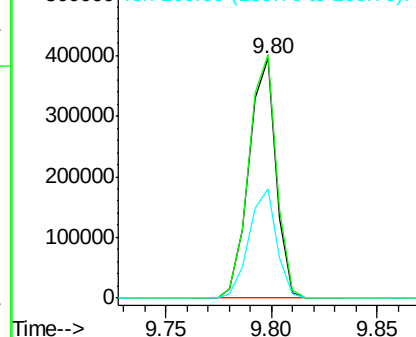


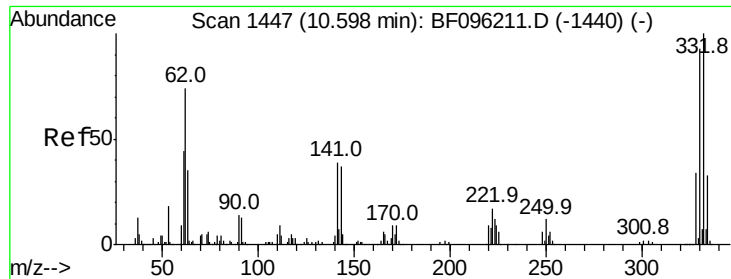
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Tgt Ion:164 Resp: 350354
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.5 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: 71.48 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

Instrument :

BNA_F

ClientSampleId :

TP1-TP2-COMP

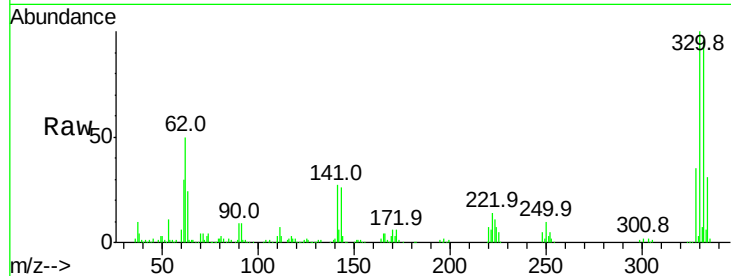
Tot Ion:330 Resp: 197086

Ion Ratio Lower Upper

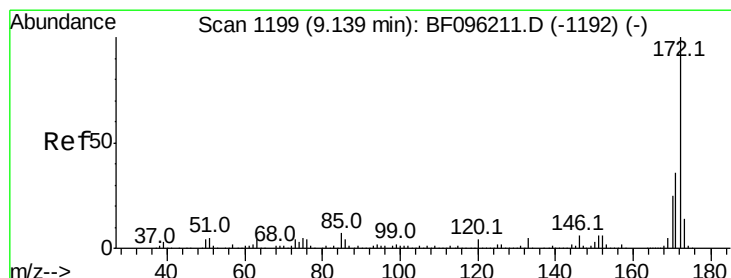
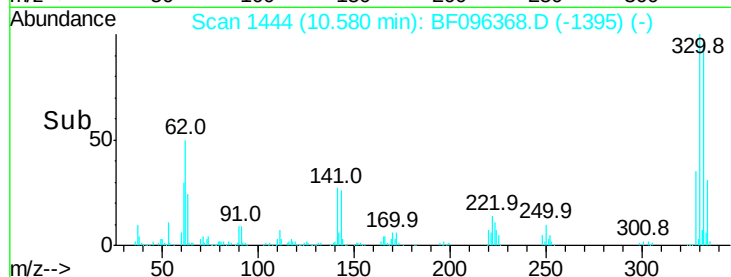
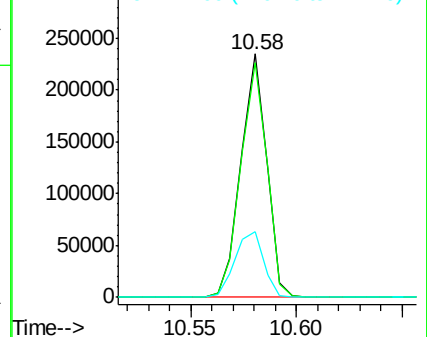
330 100

332 97.7 76.6 115.0

141 30.4 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: 34.94 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.03 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

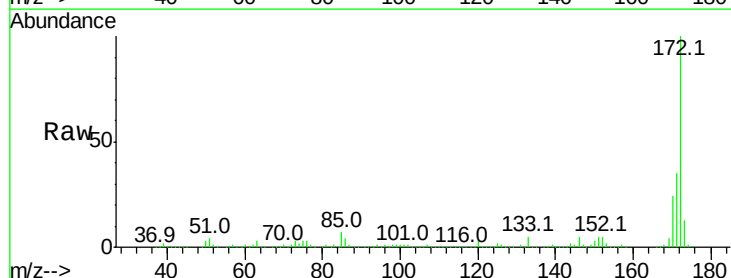
Tgt Ion:172 Resp: 668494

Ion Ratio Lower Upper

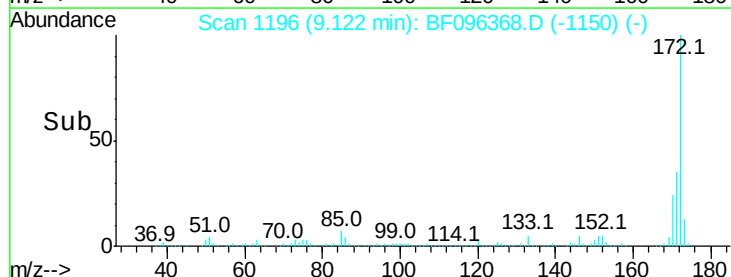
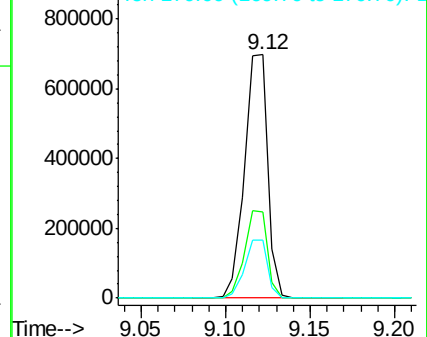
172 100

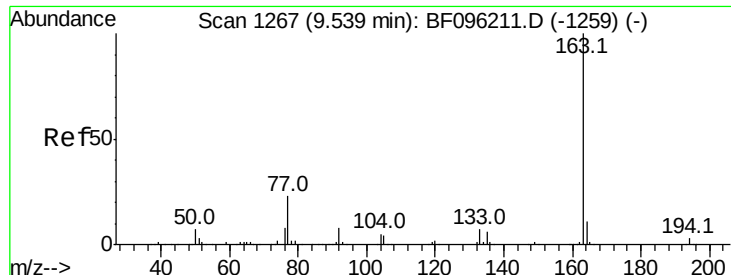
171 35.4 29.6 44.4

170 23.7 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

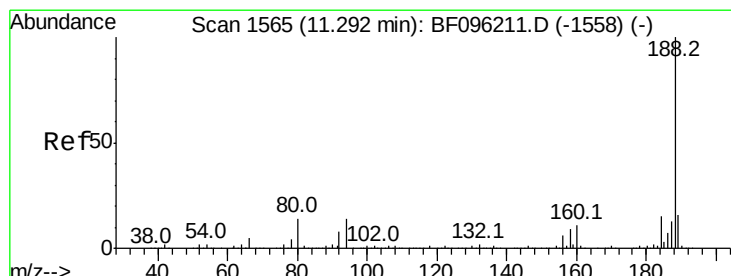
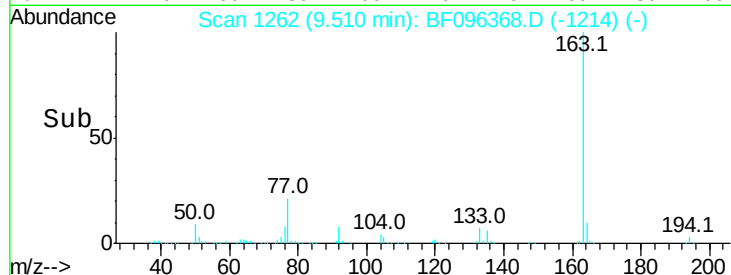
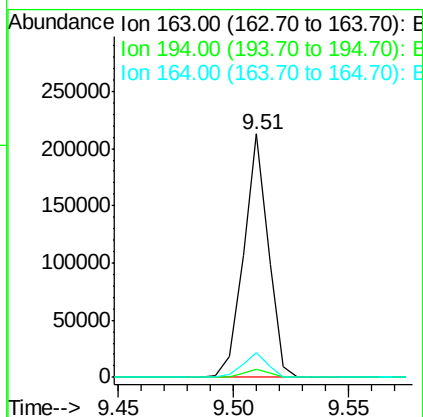
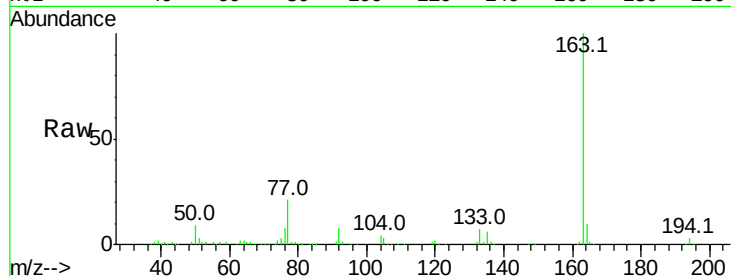




#49
Dimethylphthalate
Concen: 6.32 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

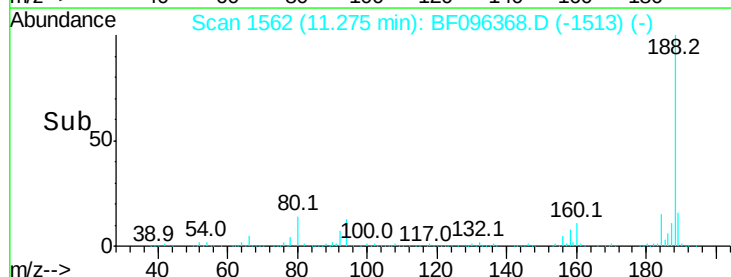
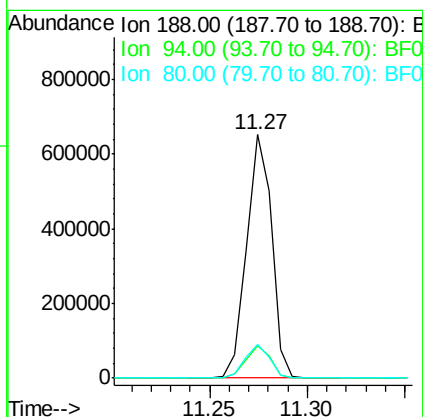
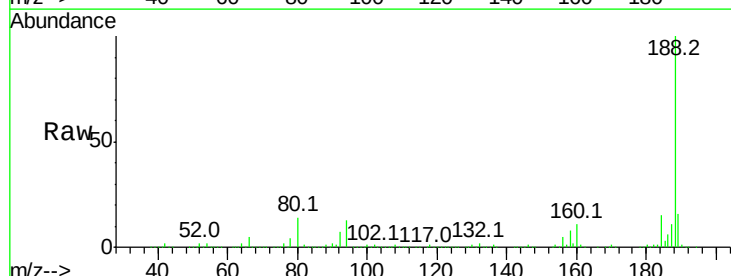
Instrument :
BNA_F
ClientSampleId :
TP1-TP2-COMP

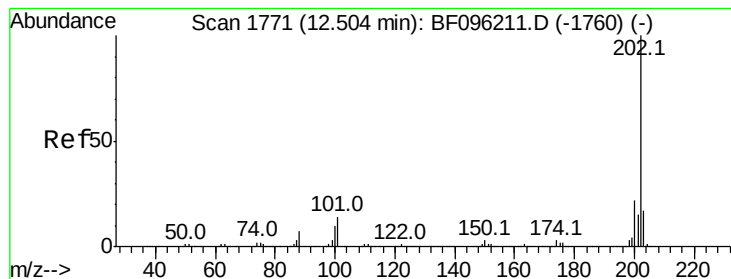
Tot Ion:163 Resp: 158435
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.4 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Tgt Ion:188 Resp: 579758
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 14.0 10.2 15.2





#74

Fluoranthene

Concen: 2.01 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

Instrument :

BNA_F

ClientSampleId :

TP1-TP2-COMP

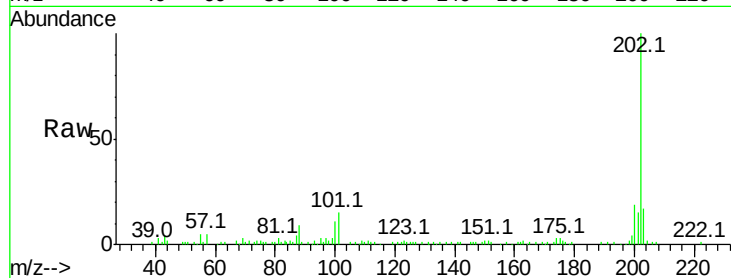
Tot Ion:202 Resp: 64768

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.2

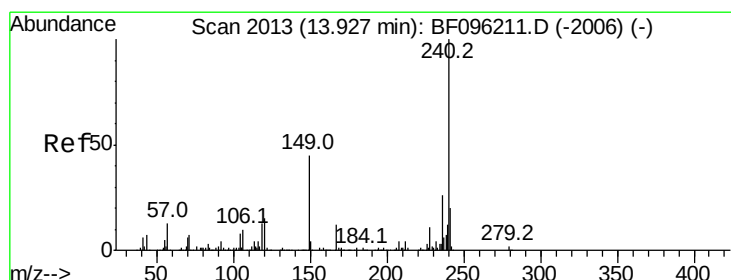
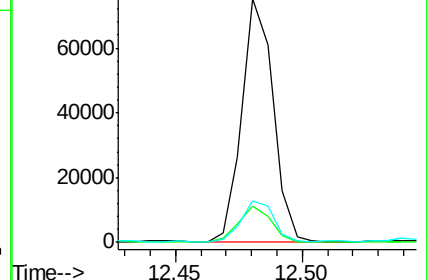
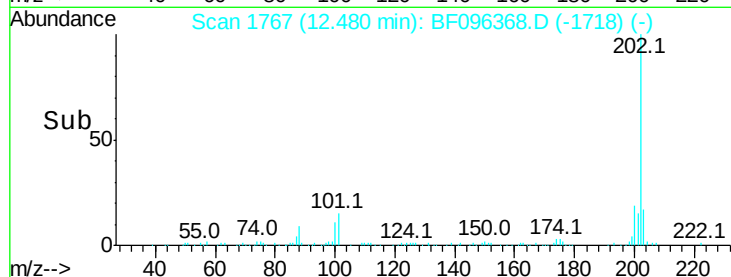
203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

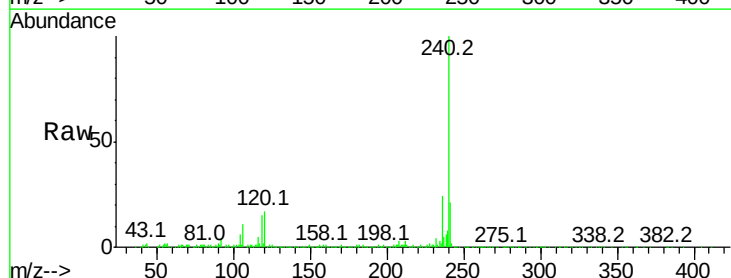
Tgt Ion:240 Resp: 437619

Ion Ratio Lower Upper

240 100

120 16.8 5.8 8.8#

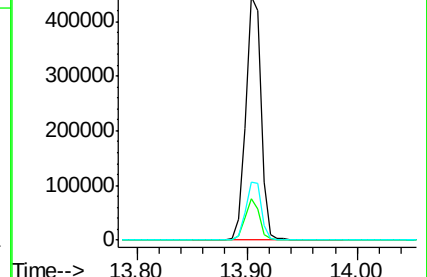
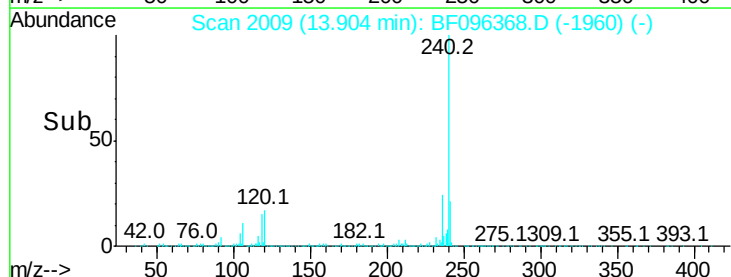
236 23.8 20.5 30.7

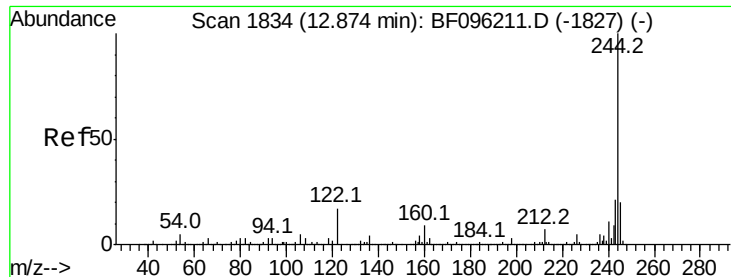


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 35.22 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

Instrument :

BNA_F

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TP1-TP2-COMP

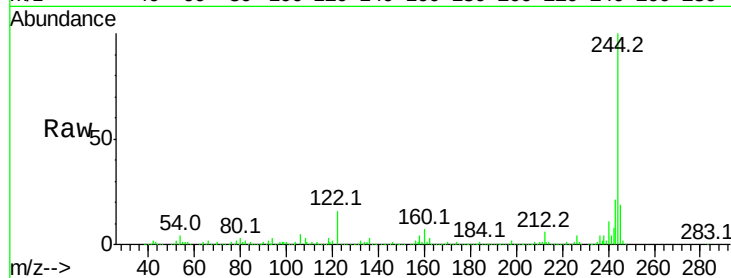
Tot Ion:244 Resp: 617736

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

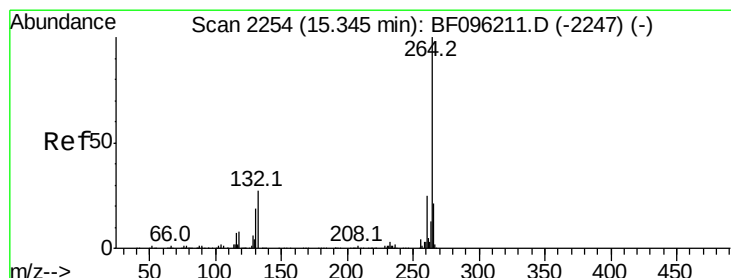
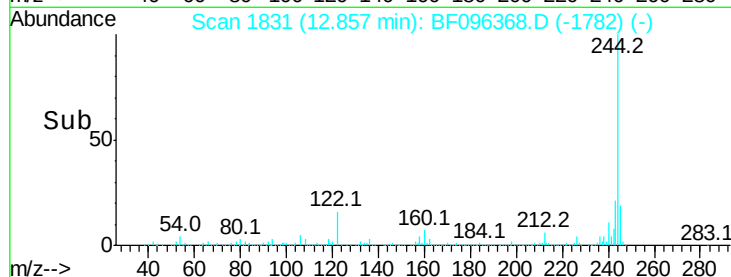
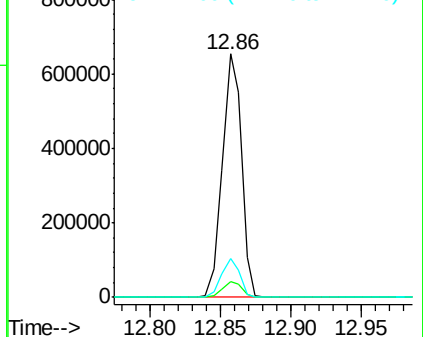
122 15.9 10.3 15.5#



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: 20.00 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

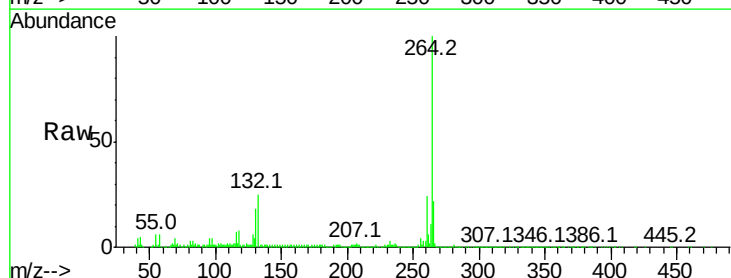
Tgt Ion:264 Resp: 320763

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.0 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

