

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096329.D
 Acq On : 30 Jun 2017 11:27
 Operator : SJ/MA
 Sample : I3874-03 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TL-DR-01

Quant Time: Jun 30 18:01:44 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	6.77	152	128848	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	536804	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	223182	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	378713	20.00	ng	0.00
75) Chrysene-d12	13.92	240	265598	20.00	ng	0.00
86) Perylene-d12	15.34	264	256880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	26562	2.97	ng	0.00
7) Phenol-d6	6.39	99	33715	3.11	ng	0.00
23) Nitrobenzene-d5	7.32	82	15317	1.98	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	6358	3.62	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	31156	2.56	ng	-0.02
78) Terphenyl-d14	12.87	244	28340	2.66	ng	0.00

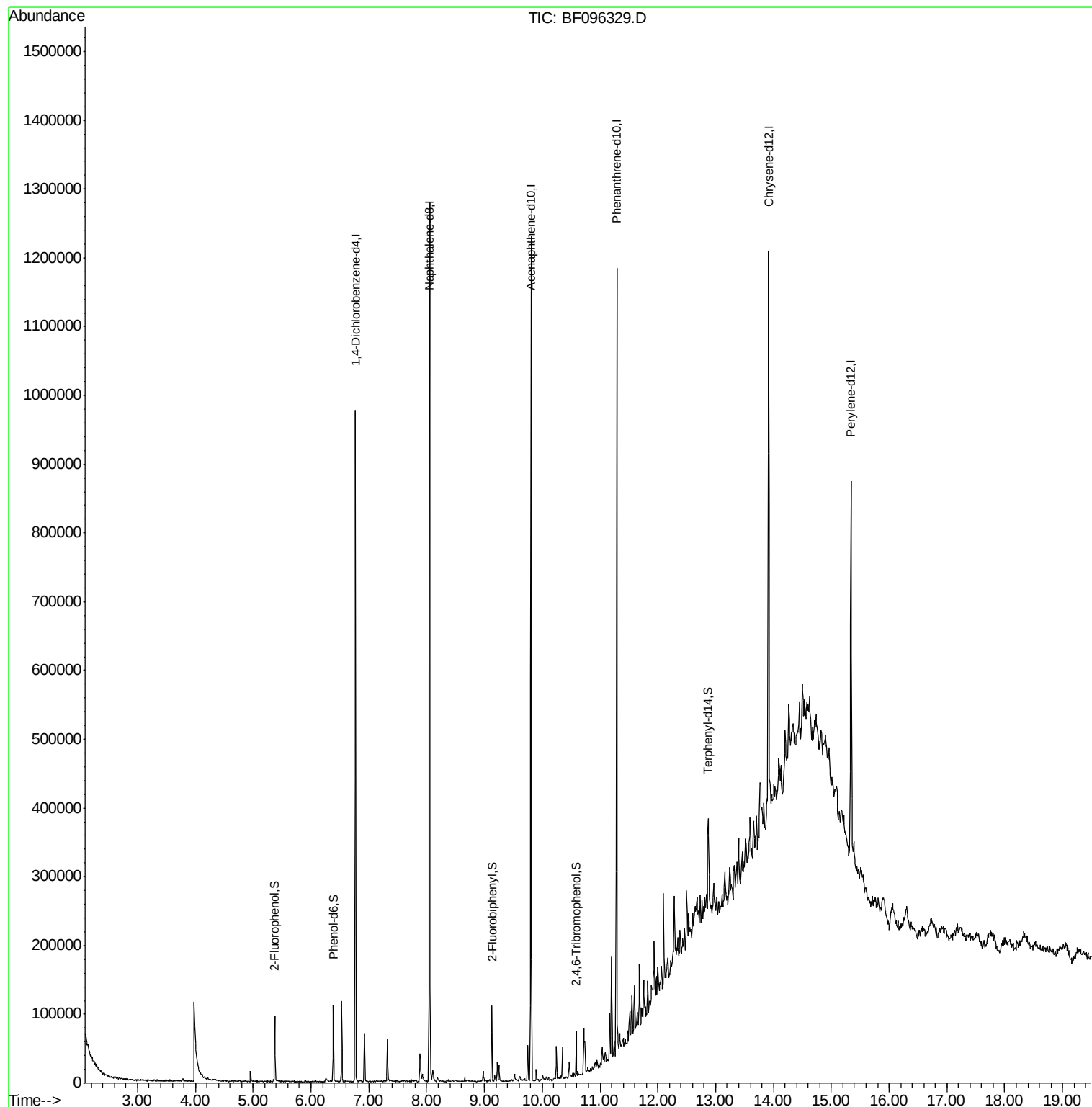
Target Compounds Qvalue

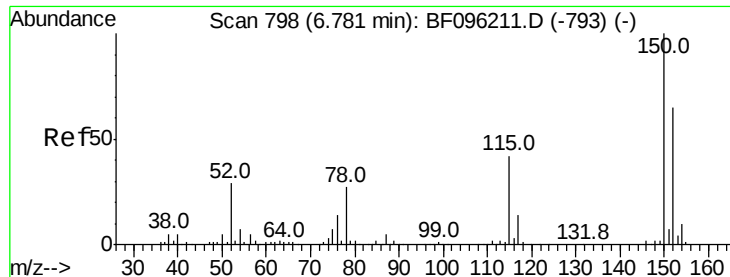
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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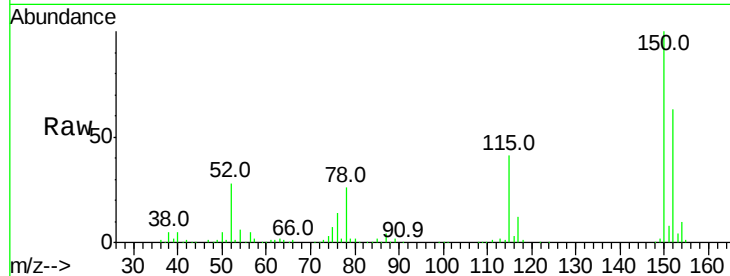


#1

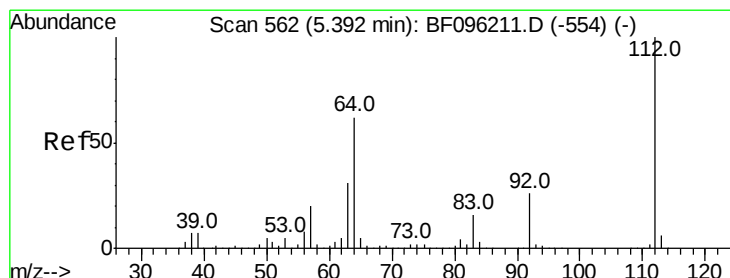
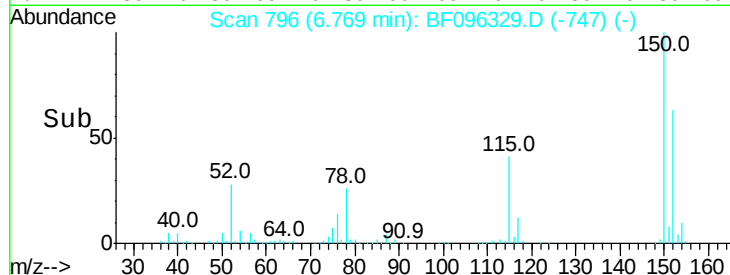
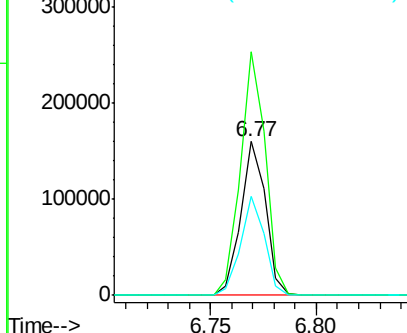
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tot Ion:152 Resp: 128848
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 64.6 52.2 78.2



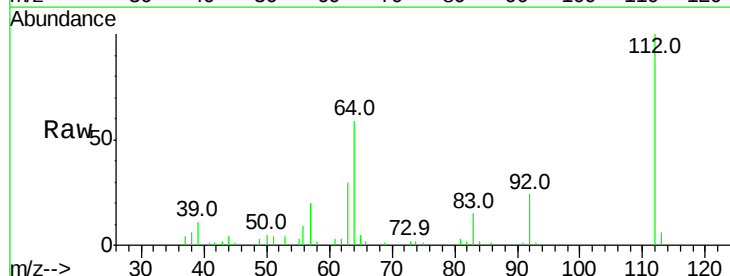
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



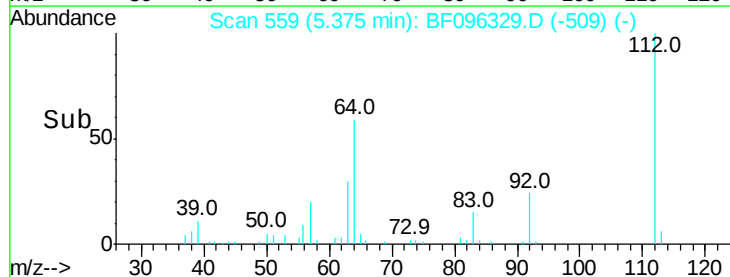
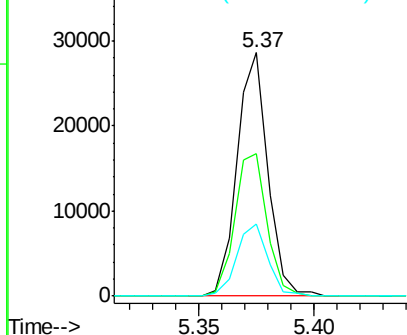
#5

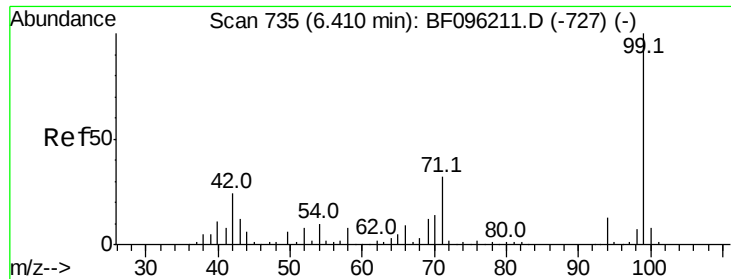
2-Fluorophenol
Concen: 2.97 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Tgt Ion:112 Resp: 26562
Ion Ratio Lower Upper
112 100
64 58.6 46.0 69.0
63 29.6 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: 3.11 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096329.D

Acq: 30 Jun 2017 11:27

Instrument :

BNA_F

ClientSampled :

TL-DR-01

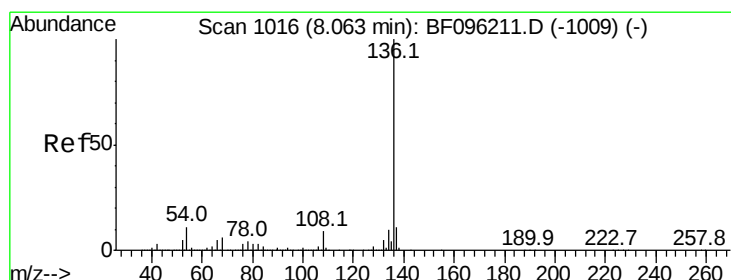
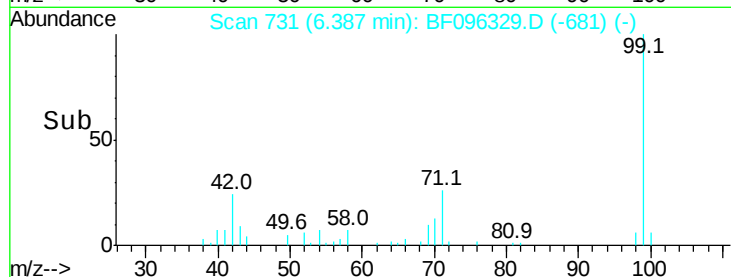
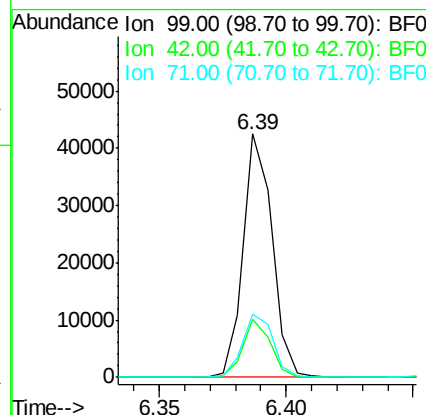
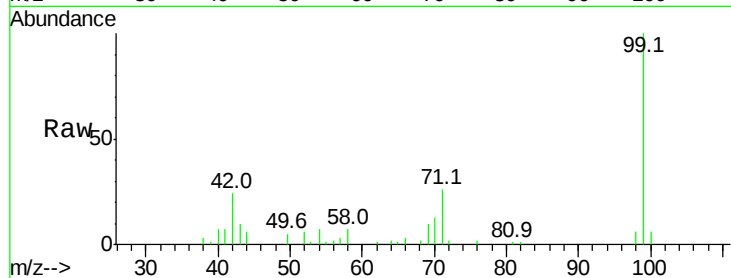
Tot Ion: 99 Resp: 33715

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

71 26.0 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096329.D

Acq: 30 Jun 2017 11:27

Tgt Ion: 136 Resp: 536804

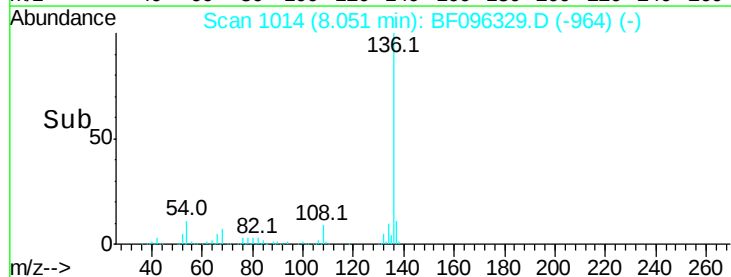
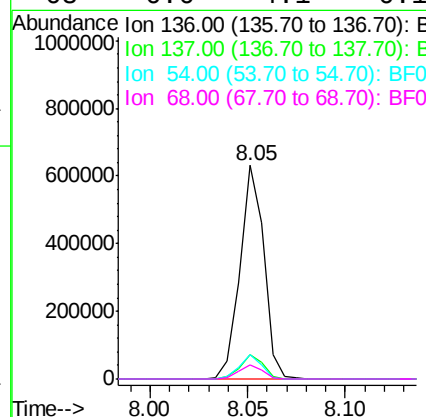
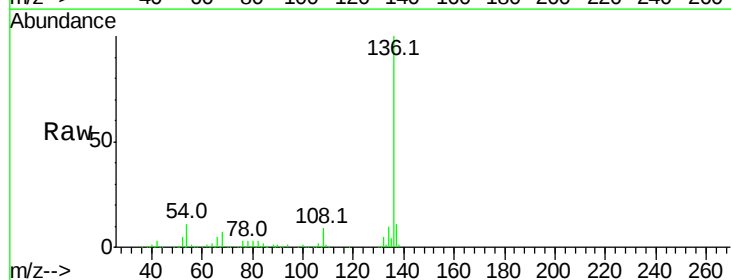
Ion Ratio Lower Upper

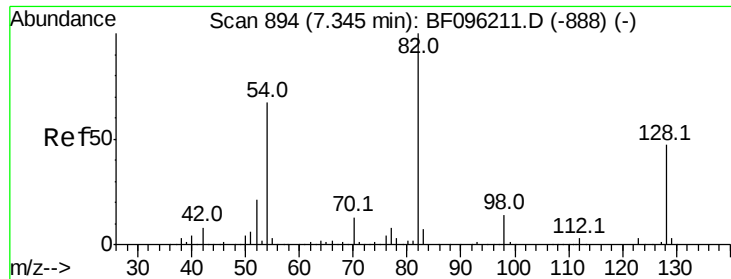
136 100

137 11.3 8.5 12.7

54 11.4 4.9 7.3#

68 6.6 4.1 6.1#

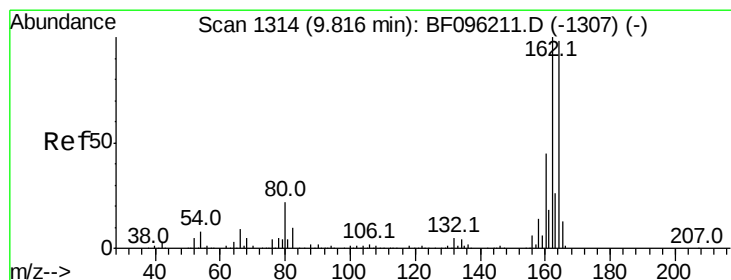
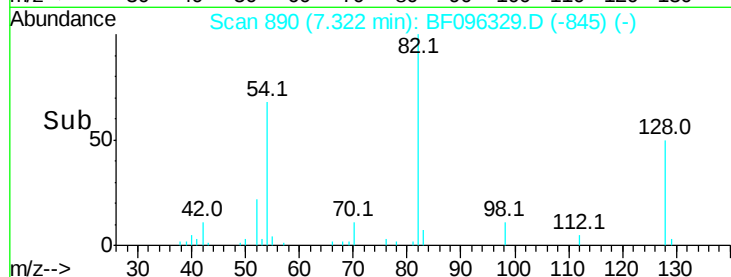
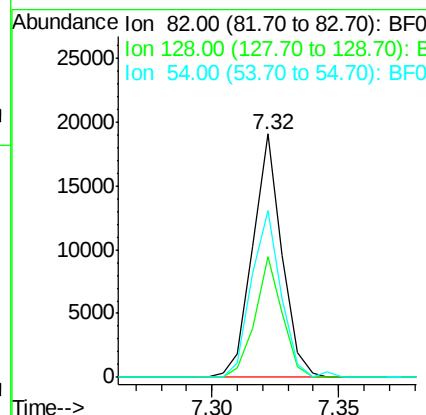
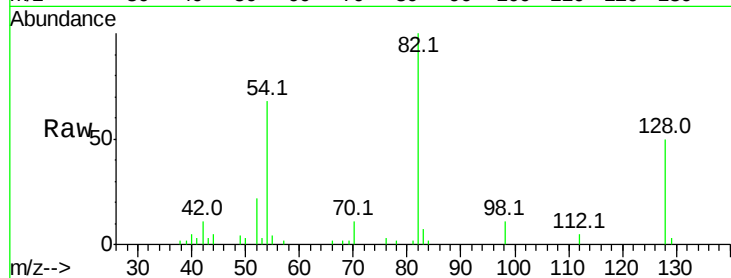




#23
Nitrobenzene-d5
Concen: 1.98 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

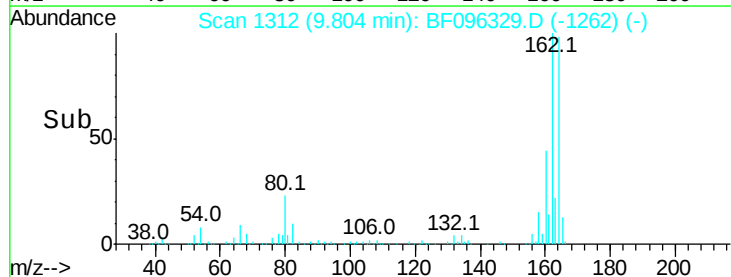
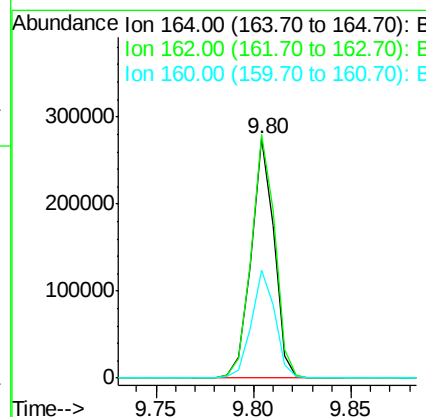
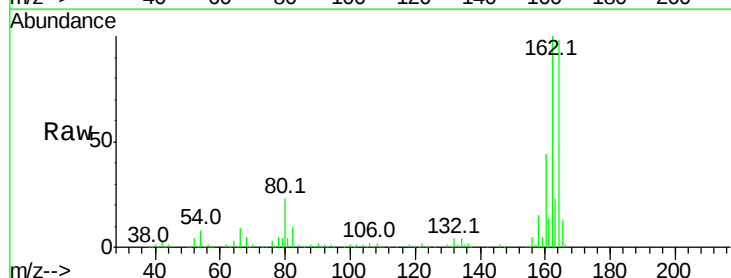
Instrument :
BNA_F
ClientSampleId :
TL-DR-01

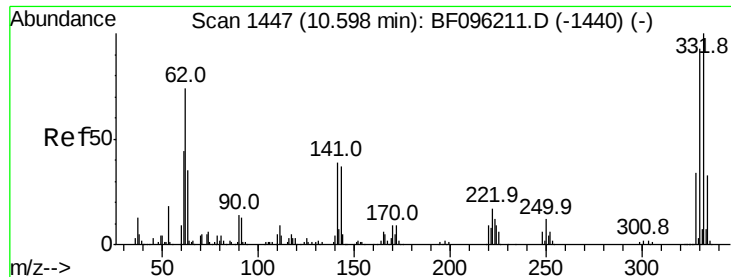
Tot Ion: 82 Resp: 15317
Ion Ratio Lower Upper
82 100
128 49.7 34.0 51.0
54 68.4 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Tgt Ion:164 Resp: 223182
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 44.9 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 3.62 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096329.D

Acq: 30 Jun 2017 11:27

Instrument :

BNA_F

ClientSampleId :

TL-DR-01

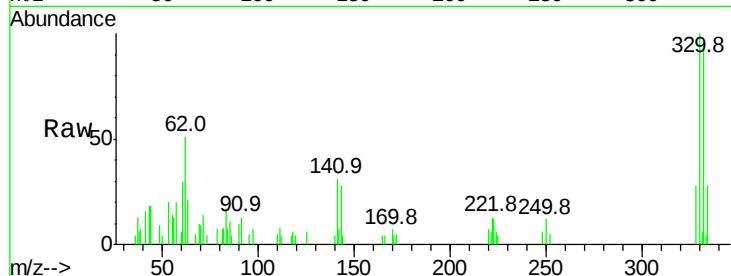
Tot Ion:330 Resp: 6358

Ion Ratio Lower Upper

330 100

332 102.4 76.6 115.0

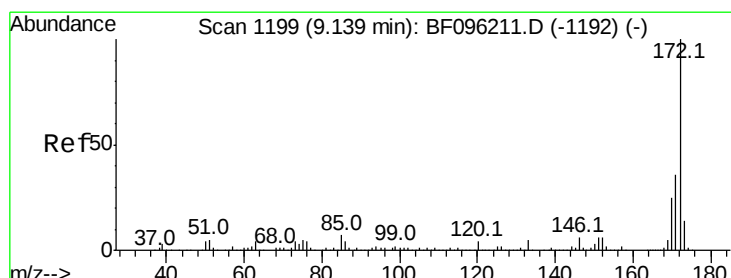
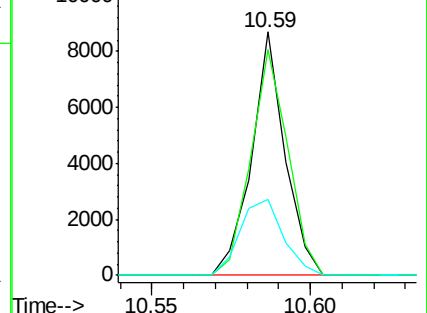
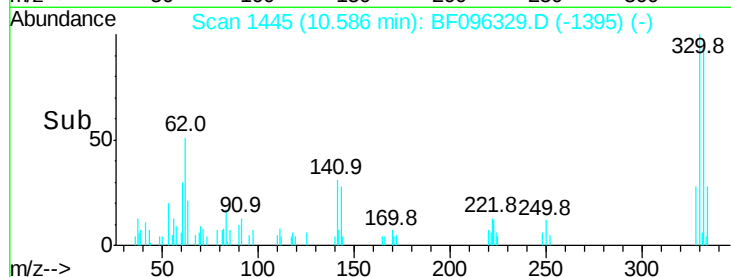
141 40.1 31.4 47.2



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: 2.56 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF096329.D

Acq: 30 Jun 2017 11:27

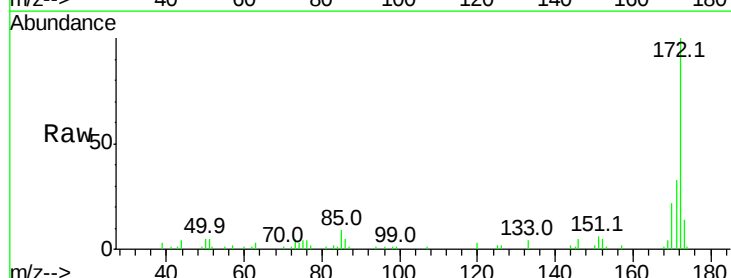
Tgt Ion:172 Resp: 31156

Ion Ratio Lower Upper

172 100

171 33.4 29.6 44.4

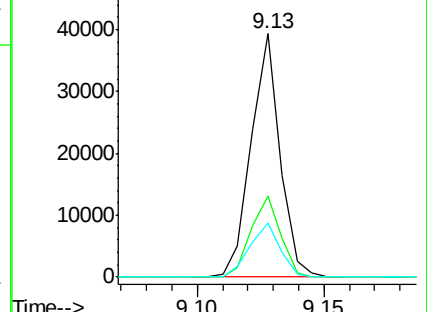
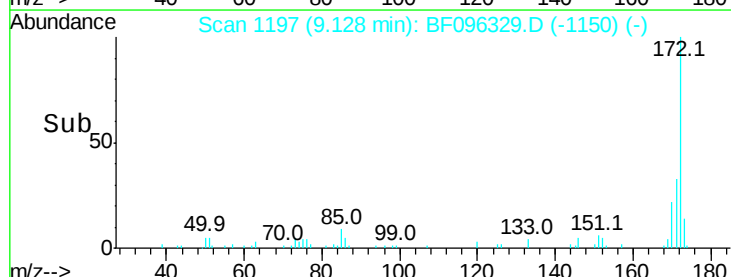
170 22.4 19.8 29.8

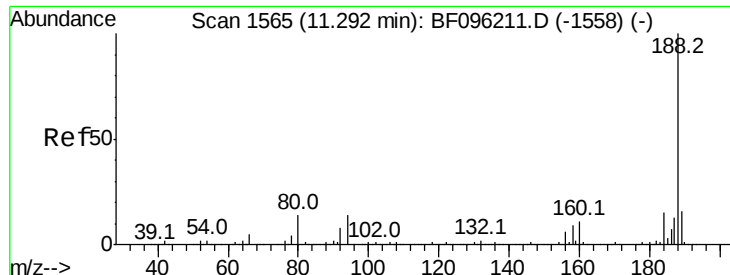


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF096329.D

Acq: 30 Jun 2017 11:27

Instrument :

BNA_F

ClientSampleId :

TL-DR-01

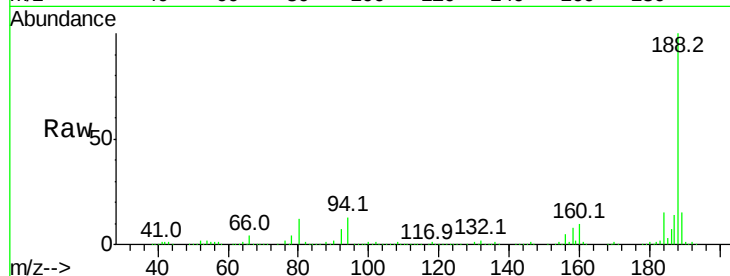
Tot Ion:188 Resp: 378713

Ion Ratio Lower Upper

188 100

94 12.6 9.4 14.2

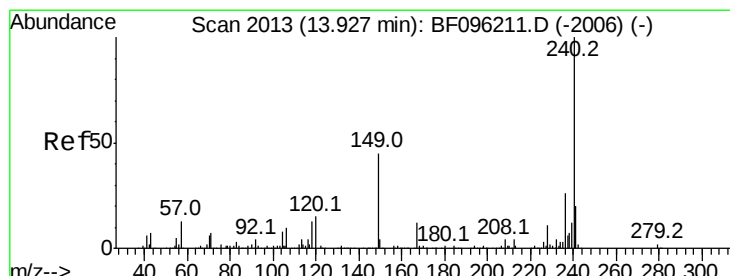
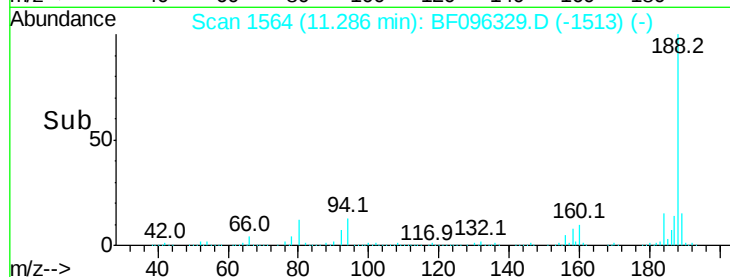
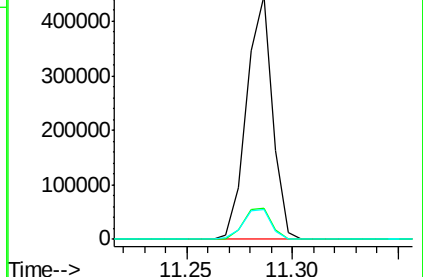
80 12.5 10.2 15.2



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: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF096329.D

Acq: 30 Jun 2017 11:27

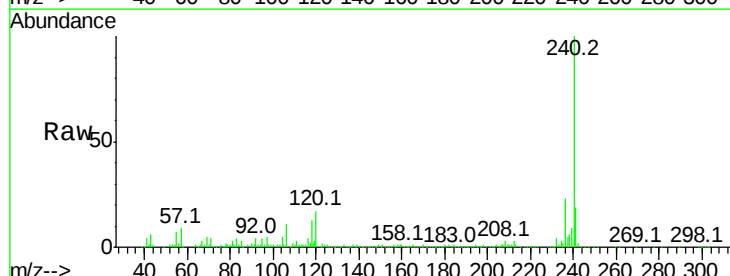
Tgt Ion:240 Resp: 265598

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

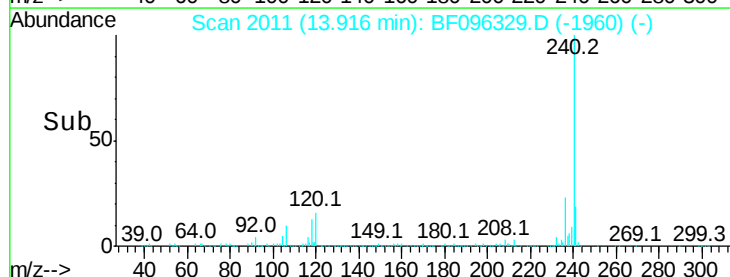
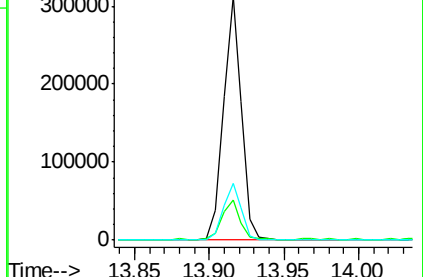
236 23.1 20.5 30.7

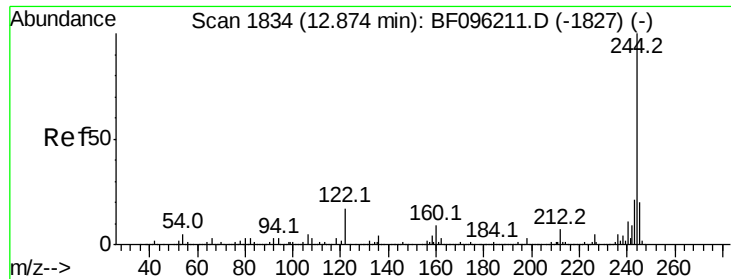


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 2.66 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BF096329.D

Acq: 30 Jun 2017 11:27

Instrument :

BNA_F

ClientSampleId :

TL-DR-01

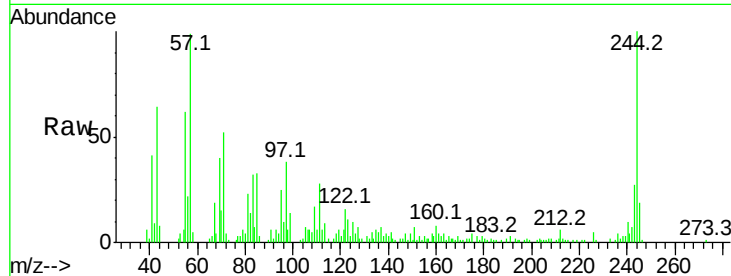
Tot Ion:244 Resp: 28340

Ion Ratio Lower Upper

244 100

212 5.7 6.0 9.0#

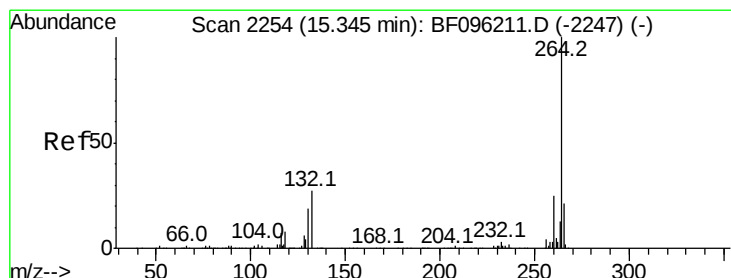
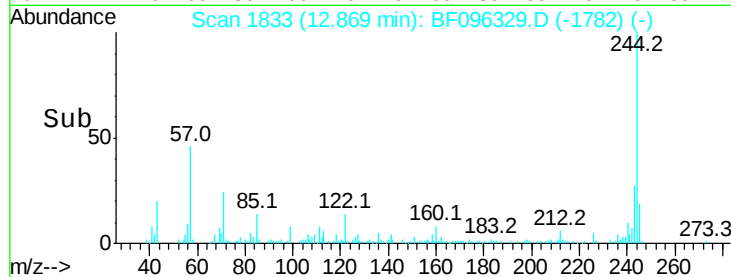
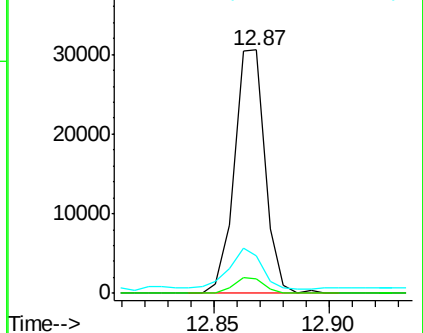
122 15.6 10.3 15.5#



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: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF096329.D

Acq: 30 Jun 2017 11:27

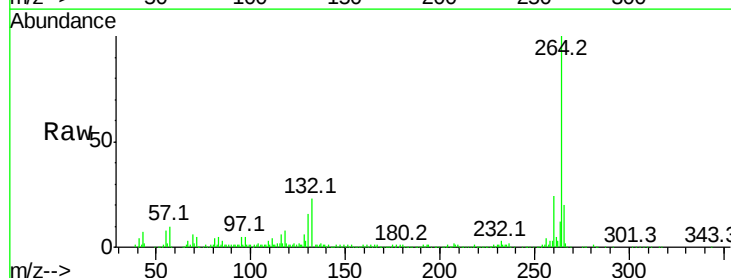
Tgt Ion:264 Resp: 256880

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.3 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

