

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062717\
 Data File : BF096241.D
 Acq On : 28 Jun 2017 2:48
 Operator : SJ/MA
 Sample : I3874-06 100X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TL-DR-01

Quant Time: Jun 28 06:11:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	159216	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	621650	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	226237	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	357506	20.00	ng	0.00
75) Chrysene-d12	13.92	240	294900	20.00	ng	0.00
86) Perylene-d12	15.34	264	212593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	16627	1.50	ng	0.00
7) Phenol-d6	6.40	99	18619	1.39	ng	0.00
23) Nitrobenzene-d5	7.33	82	8639	0.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	2498	1.40	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	18250	1.48	ng	-0.02
78) Terphenyl-d14	12.87	244	11563	0.98	ng	0.00

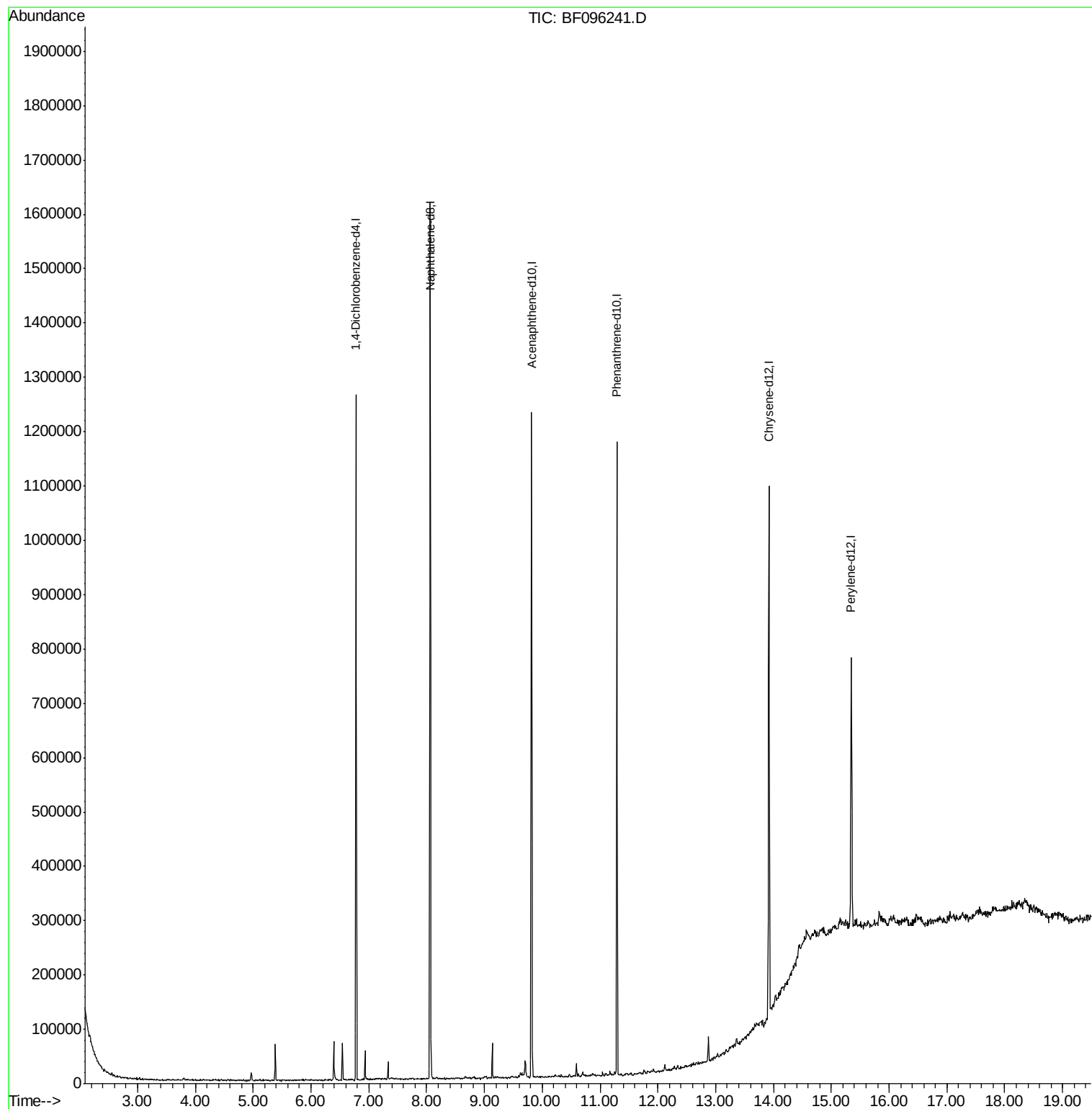
Target Compounds	Qvalue
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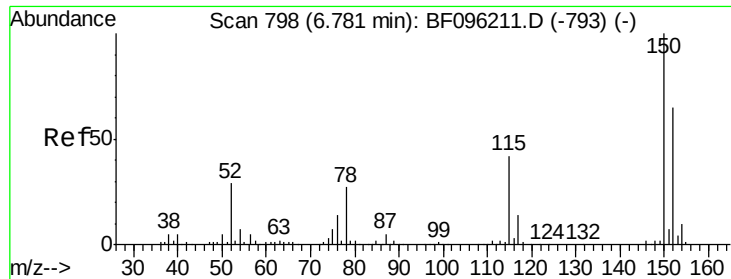
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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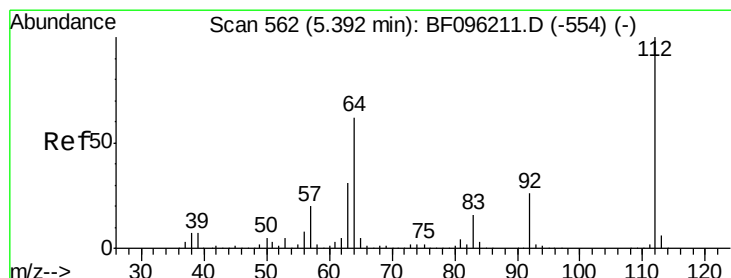
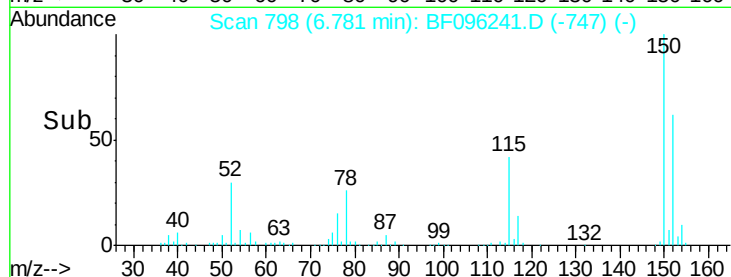
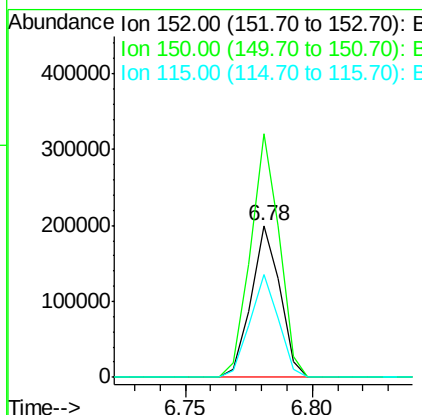
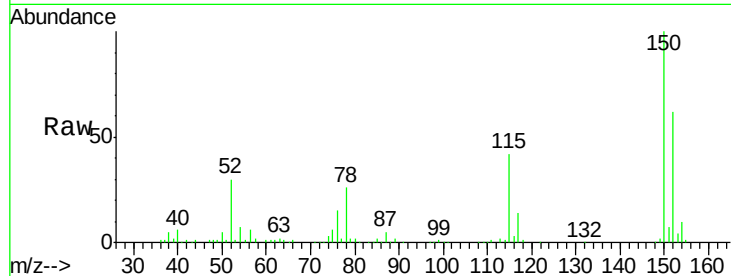




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

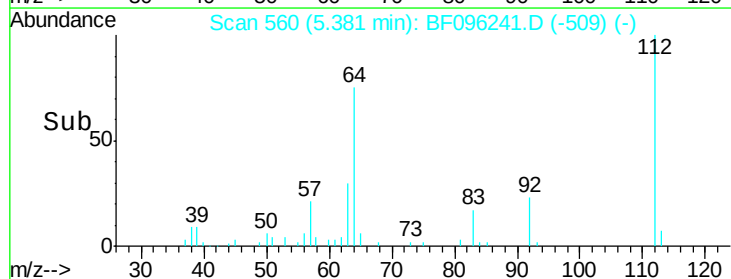
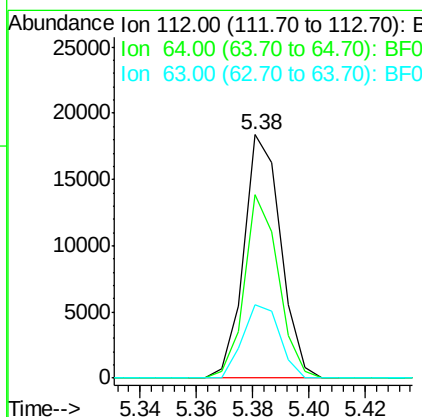
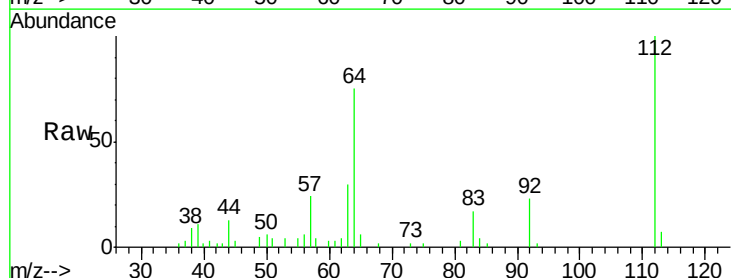
Instrument :
 BNA_F
 ClientSampled :
 TL-DR-01

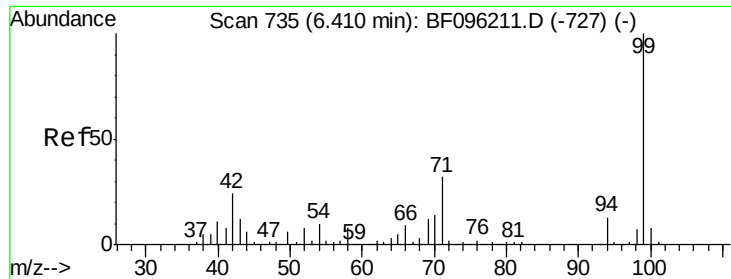
Tgt Ion:152 Resp: 159216
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.2 189.2
 115 67.5 52.2 78.2



#5
 2-Fluorophenol
 Concen: 1.505 ng
 RT: 5.38 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

Tgt Ion:112 Resp: 16627
 Ion Ratio Lower Upper
 112 100
 64 75.4 46.0 69.0#
 63 30.1 23.4 35.0





#7

Phenol-d6

Concen: 1.391 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

Instrument :

BNA_F

ClientSampleId :

TL-DR-01

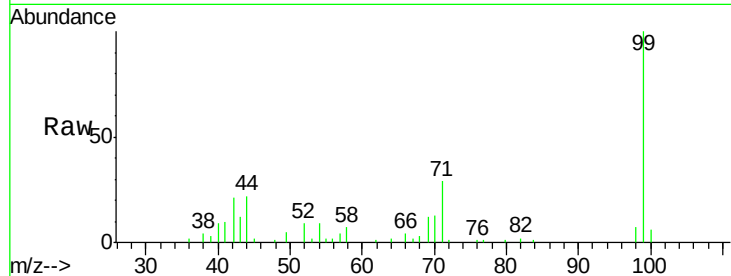
Tgt Ion: 99 Resp: 18619

Ion Ratio Lower Upper

99 100

42 21.1 13.5 20.3#

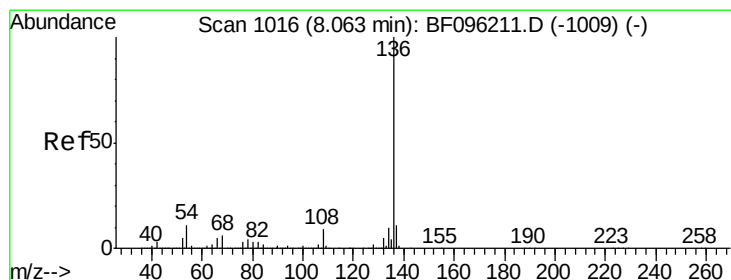
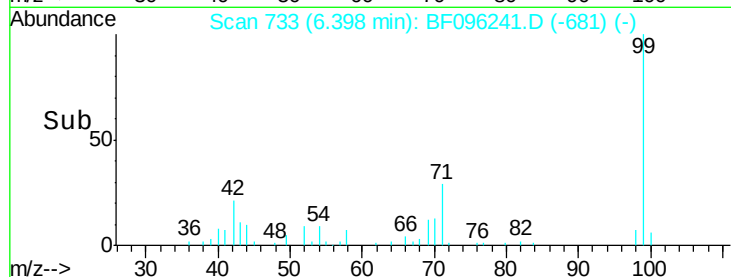
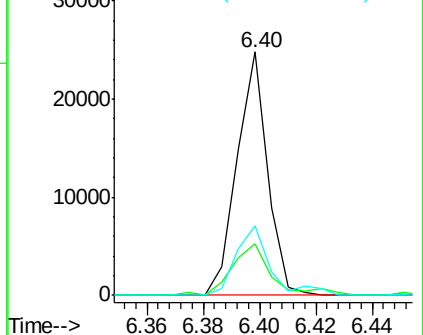
71 28.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

Tgt Ion: 136 Resp: 621650

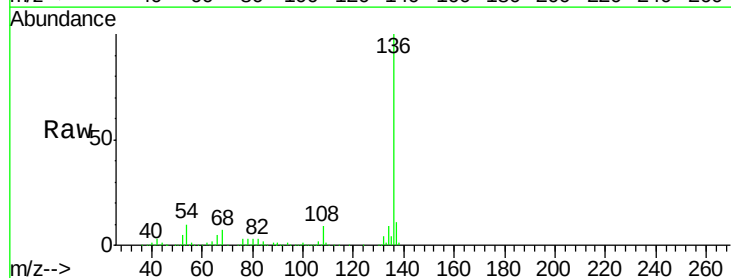
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.3 4.9 7.3#

68 6.7 4.1 6.1#

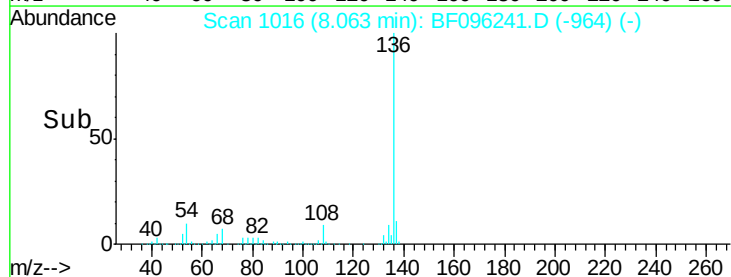
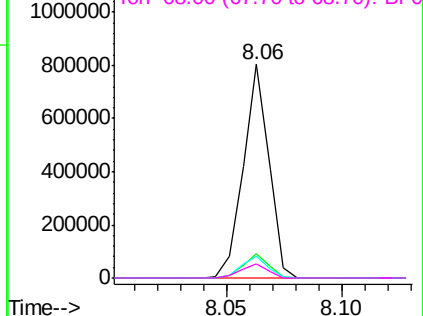


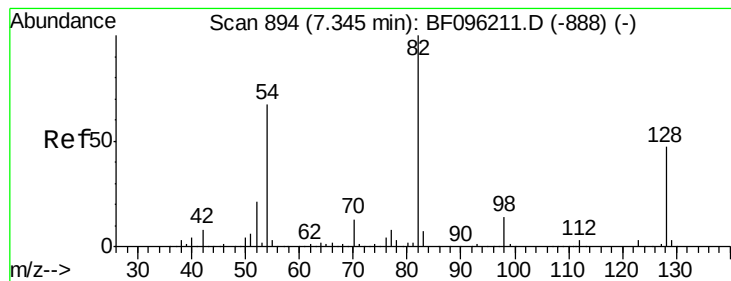
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 0.962 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

Instrument :

BNA_F

ClientSampleId :

TL-DR-01

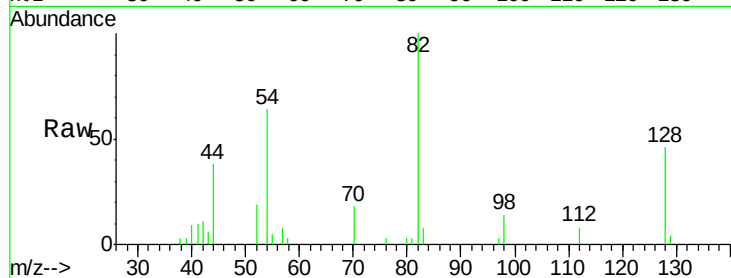
Tgt Ion: 82 Resp: 8639

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

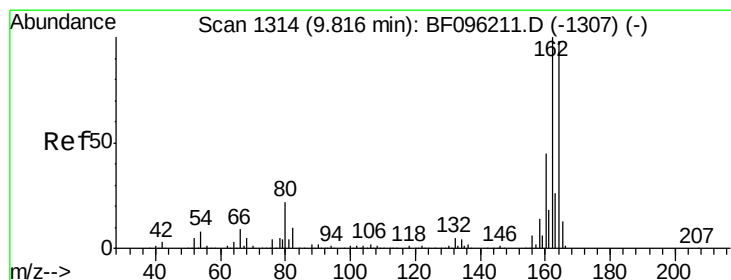
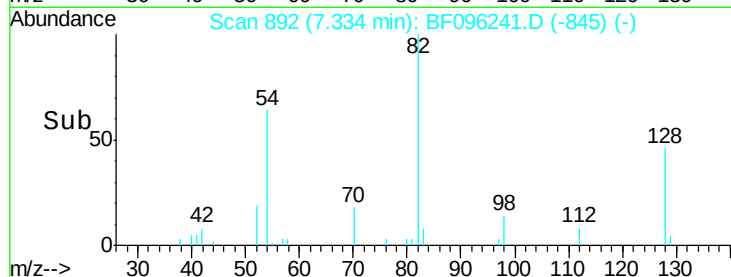
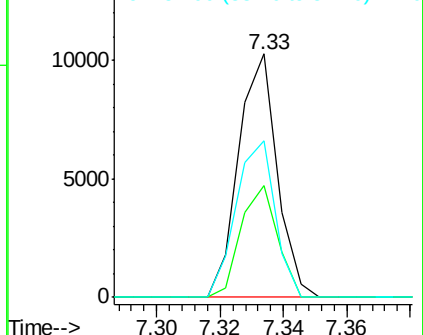
54 64.3 42.2 63.2#



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: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

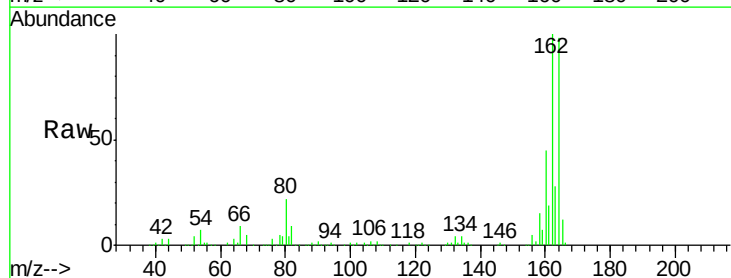
Tgt Ion: 164 Resp: 226237

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

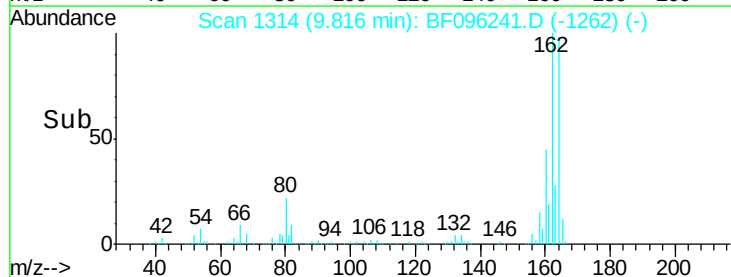
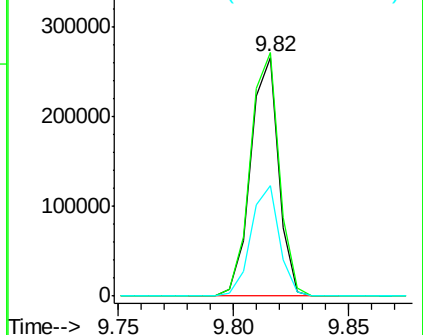
160 46.1 36.2 54.2

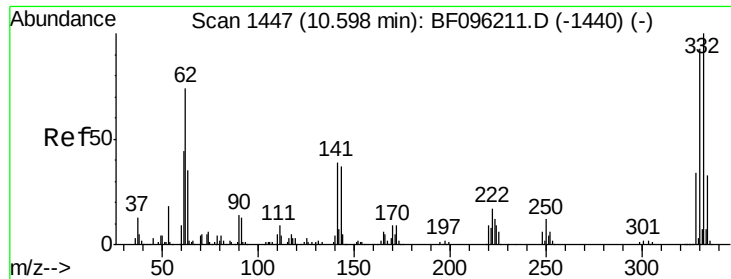


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

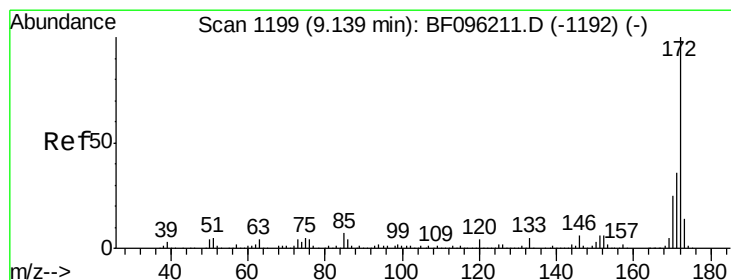
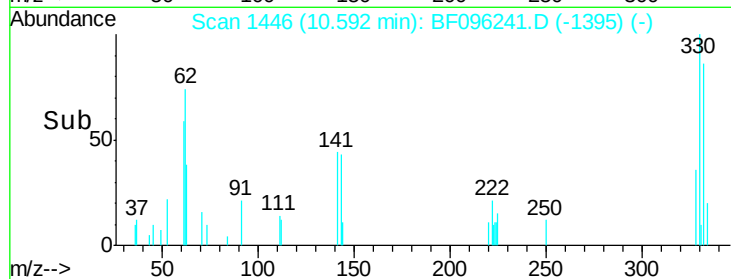
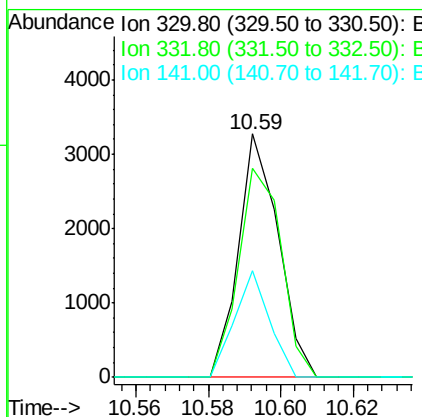
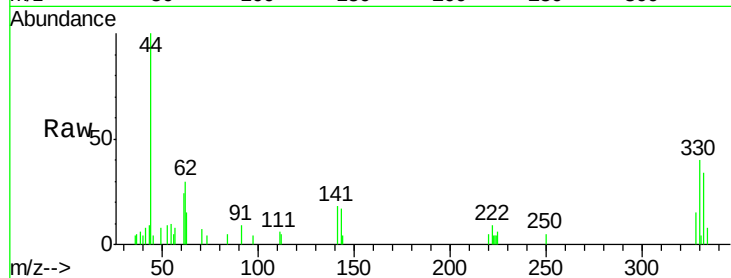




#41
 2,4,6-Tribromophenol
 Concen: 1.403 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

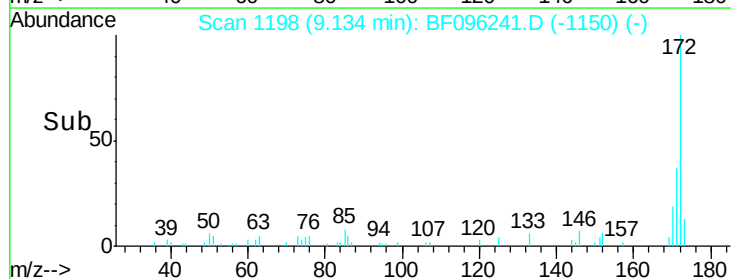
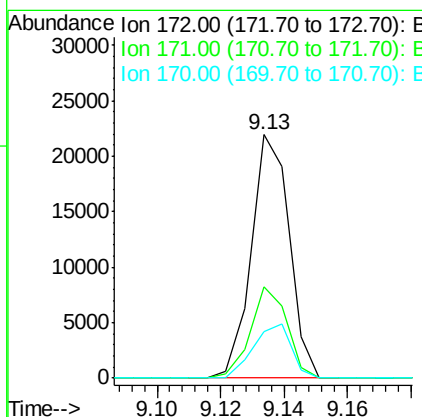
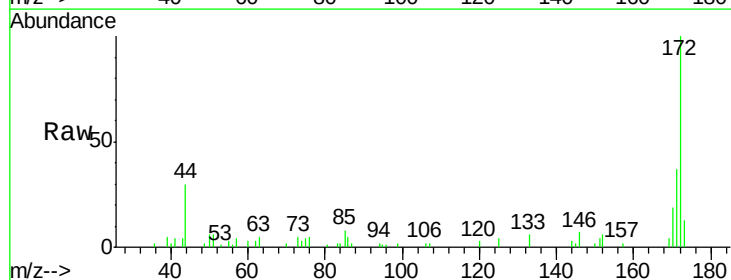
Instrument :
 BNA_F
 ClientSampleId :
 TL-DR-01

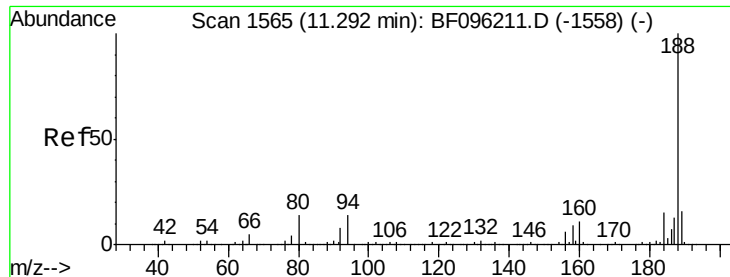
Tgt Ion:330 Resp: 2498
 Ion Ratio Lower Upper
 330 100
 332 92.0 76.6 115.0
 141 38.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 1.477 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096241.D
 Acq: 28 Jun 2017 2:48

Tgt Ion:172 Resp: 18250
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 19.2 19.8 29.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

Instrument :

BNA_F

ClientSampleId :

TL-DR-01

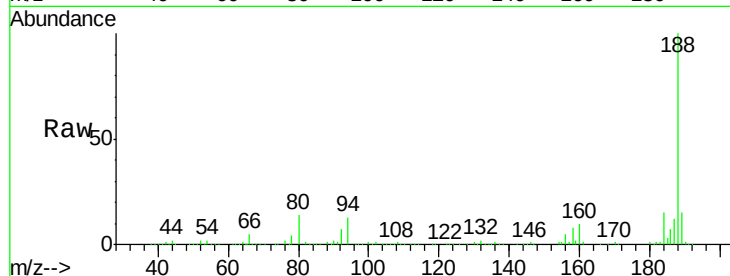
Tgt Ion:188 Resp: 357506

Ion Ratio Lower Upper

188 100

94 13.3 9.4 14.2

80 14.4 10.2 15.2

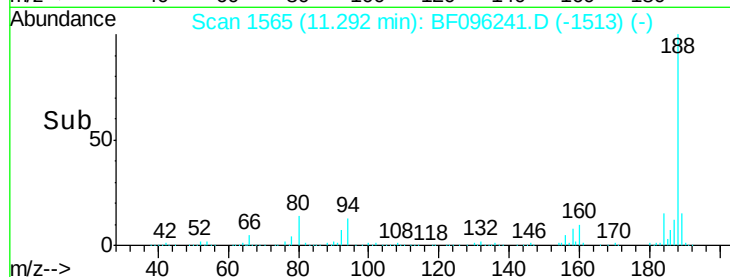


Abundance Ion 188.00 (187.70 to 188.70): E

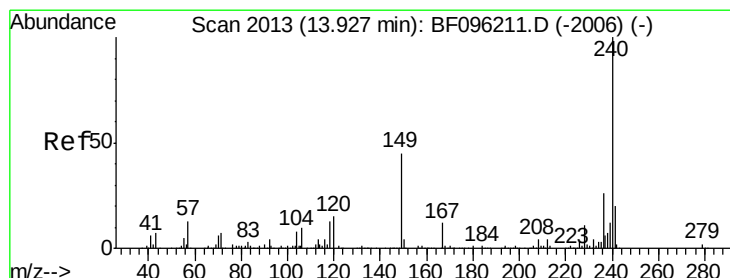
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

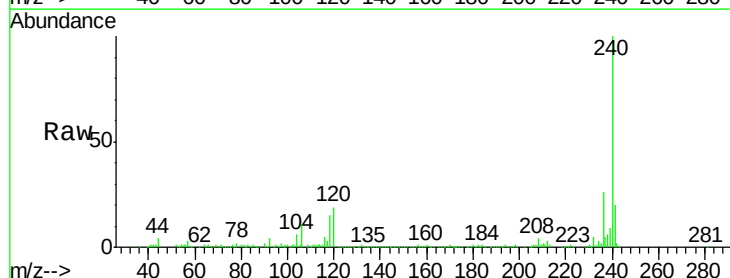
Tgt Ion:240 Resp: 294900

Ion Ratio Lower Upper

240 100

120 18.6 5.8 8.8#

236 26.3 20.5 30.7

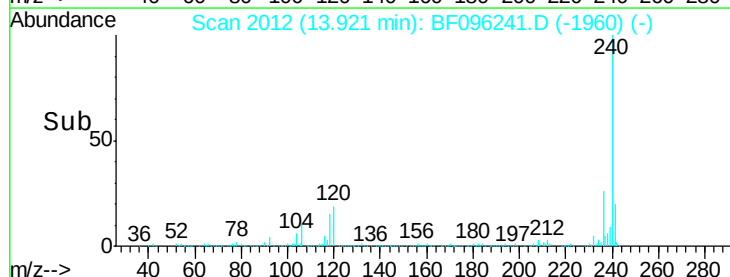


Abundance Ion 240.00 (239.70 to 240.70): E

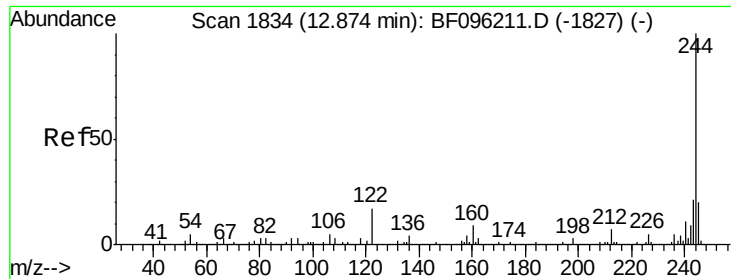
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 0.978 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

Instrument :

BNA_F

ClientSampleId :

TL-DR-01

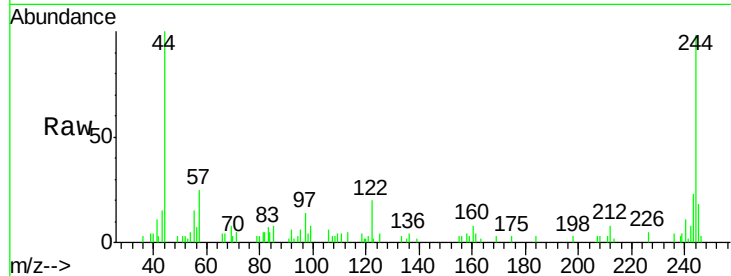
Tgt Ion:244 Resp: 11563

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

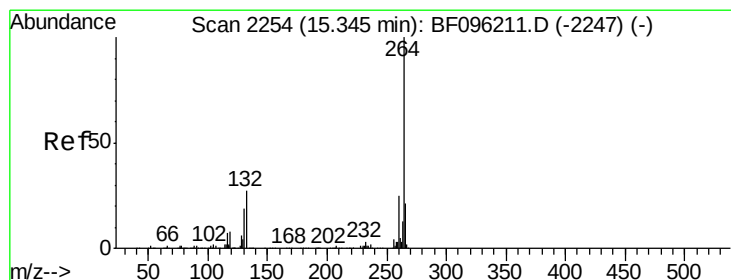
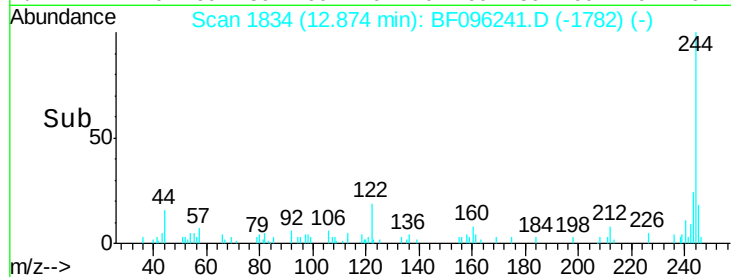
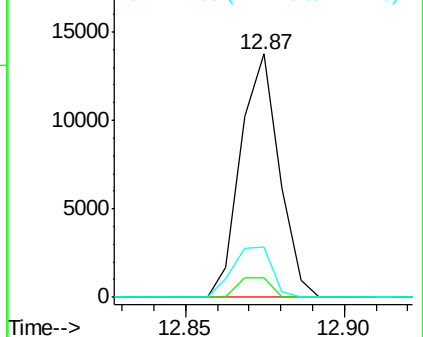
122 20.8 10.3 15.5#



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: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF096241.D

Acq: 28 Jun 2017 2:48

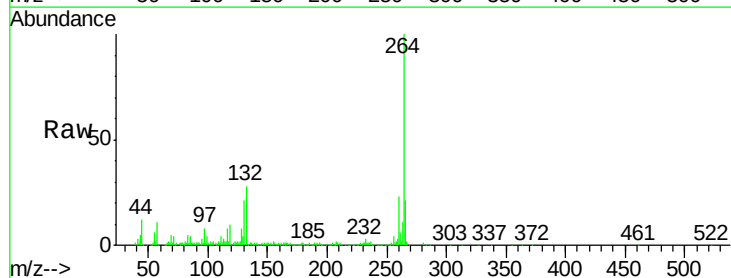
Tgt Ion:264 Resp: 212593

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.1 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

