

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096307.D
 Acq On : 29 Jun 2017 22:25
 Operator : SJ/MA
 Sample : I3882-06 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G52-1.5-3

Quant Time: Jun 30 03:05:21 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	175949	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	688808	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	257621	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	365021	20.00	ng	0.00
75) Chrysene-d12	13.92	240	357368	20.00	ng	0.00
86) Perylene-d12	15.34	264	267155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	32489	2.66	ng	0.00
7) Phenol-d6	6.39	99	41321	2.79	ng	0.00
23) Nitrobenzene-d5	7.32	82	20621	2.07	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	6078	3.00	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	40513	2.88	ng	-0.02
78) Terphenyl-d14	12.86	244	27115	1.89	ng	0.00

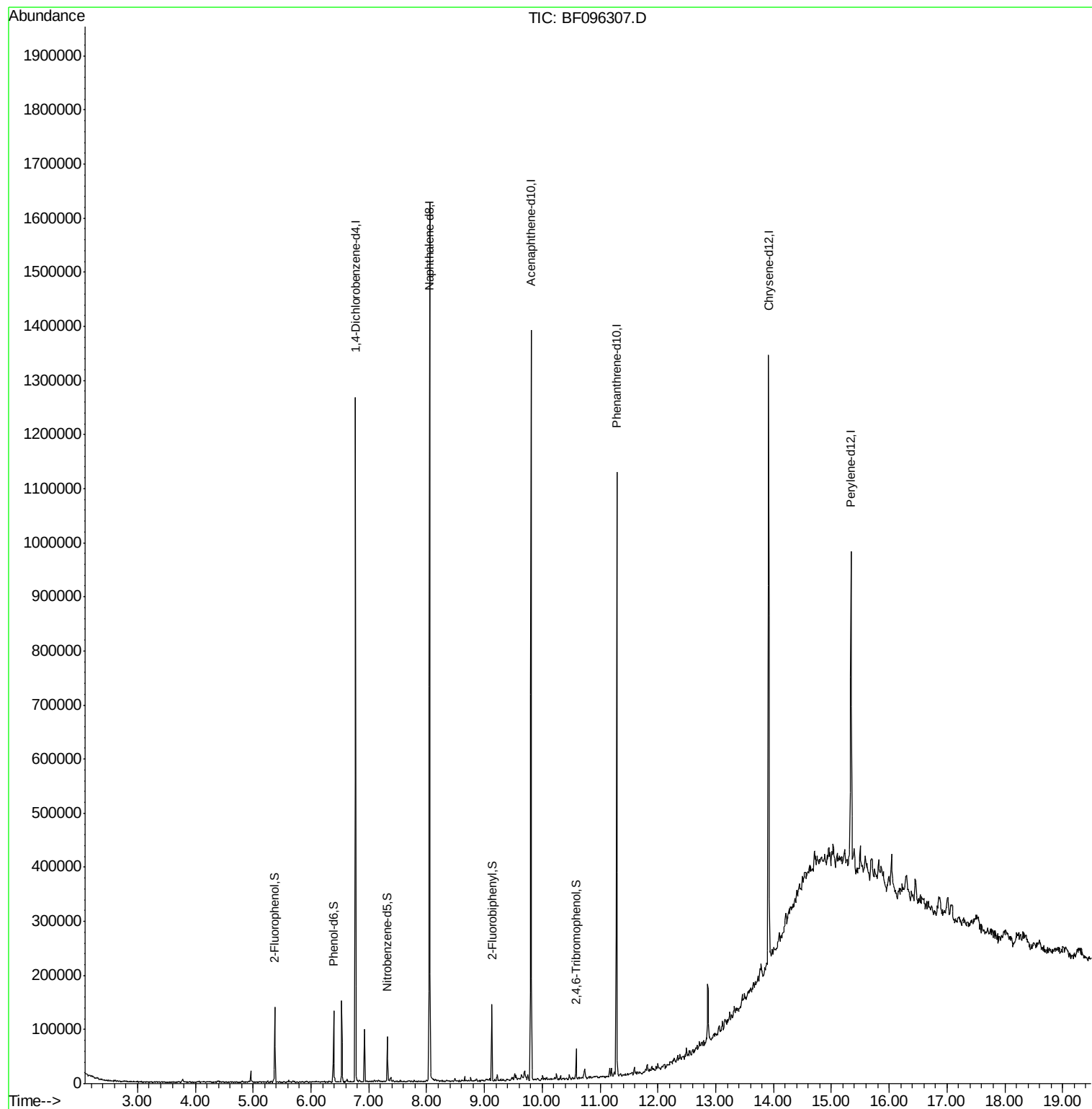
Target Compounds Qvalue

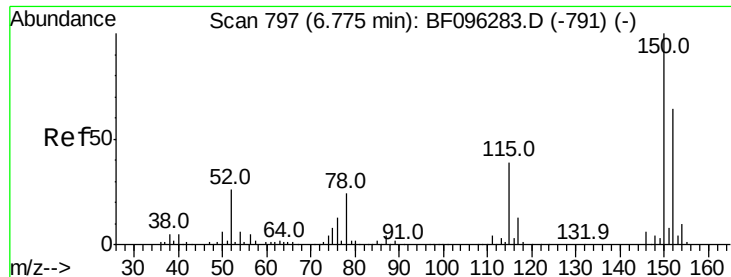
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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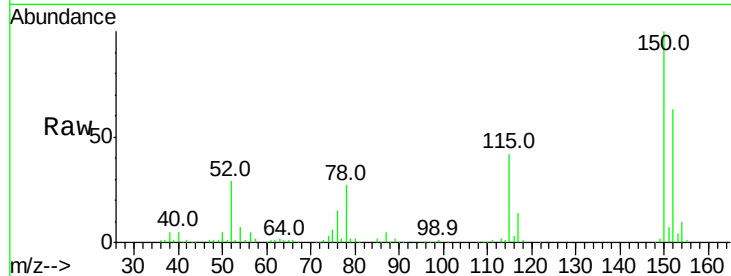


#1

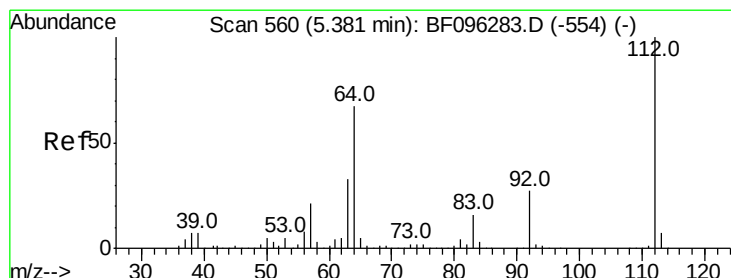
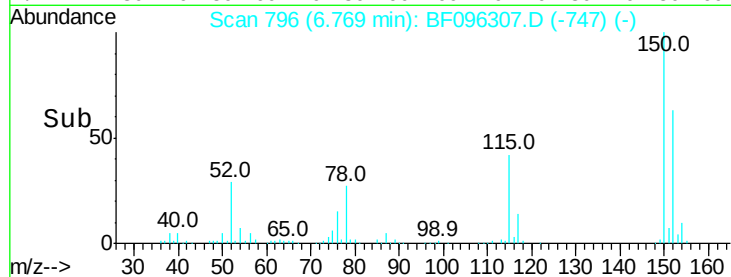
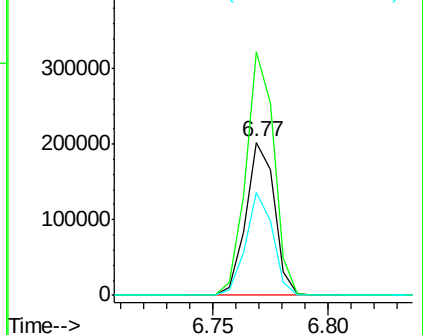
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096307.D
Acq: 29 Jun 2017 22:25

Instrument :
BNA_F
ClientSampleId :
G52-1.5-3

Tot Ion:152 Resp: 175949
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 67.0 52.2 78.2



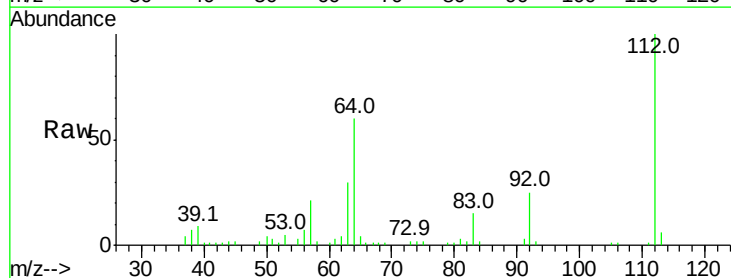
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



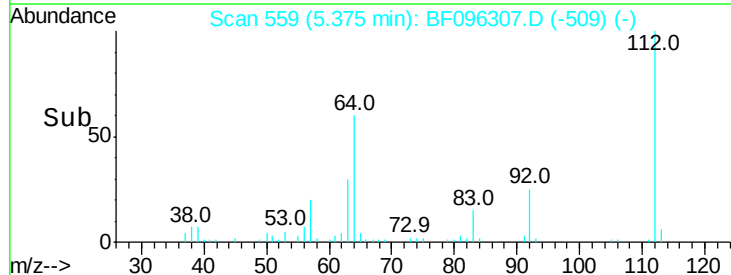
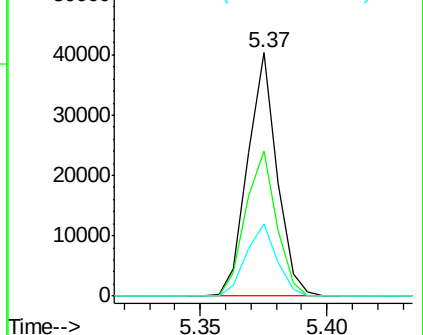
#5

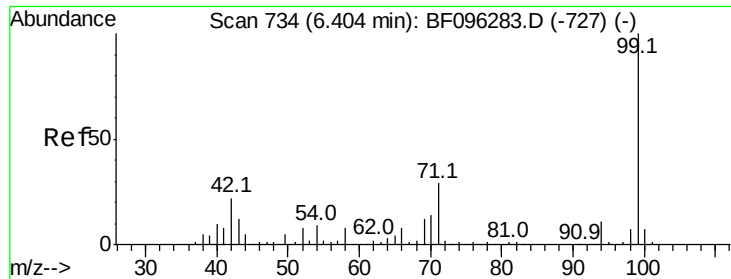
2-Fluorophenol
Concen: 2.66 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096307.D
Acq: 29 Jun 2017 22:25

Tgt Ion:112 Resp: 32489
Ion Ratio Lower Upper
112 100
64 59.8 46.0 69.0
63 29.8 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: 2.79 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096307.D

Acq: 29 Jun 2017 22:25

Instrument :

BNA_F

ClientSampleId :

G52-1.5-3

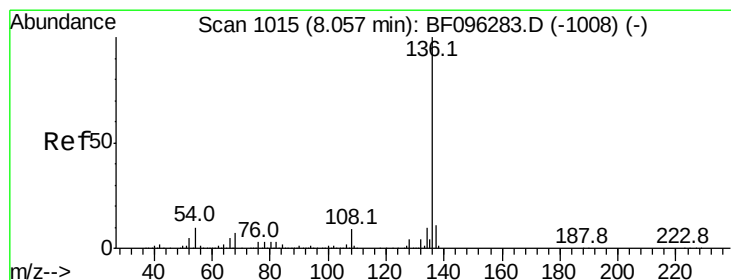
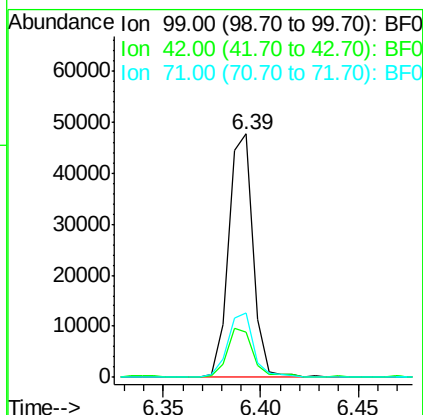
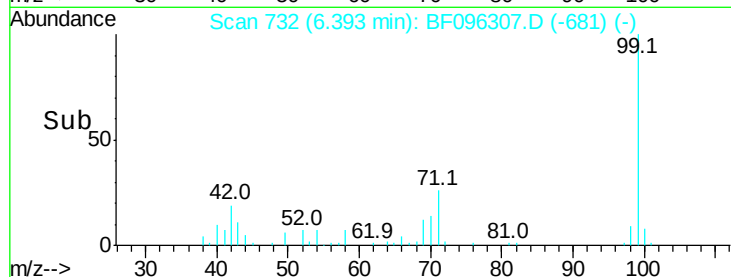
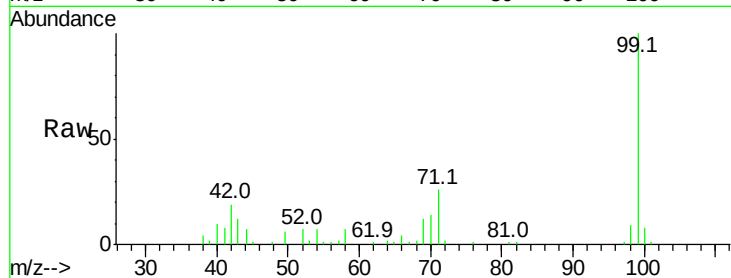
Tot Ion: 99 Resp: 41321

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

71 26.3 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: BF096307.D

Acq: 29 Jun 2017 22:25

Tgt Ion: 136 Resp: 688808

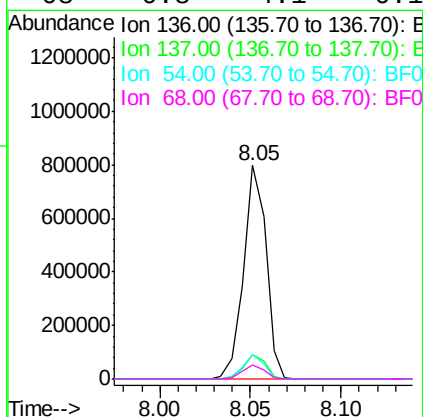
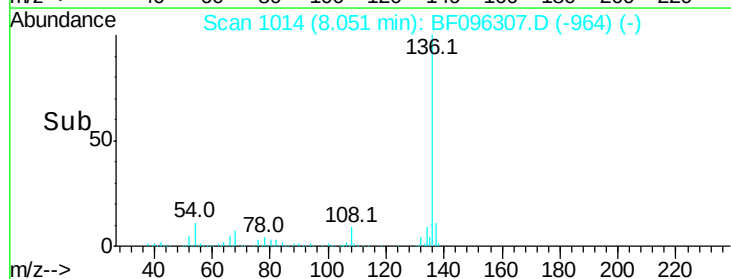
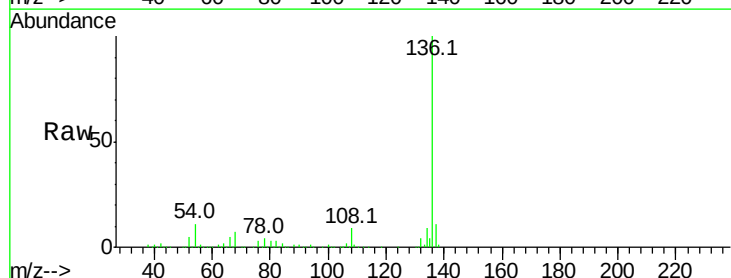
Ion Ratio Lower Upper

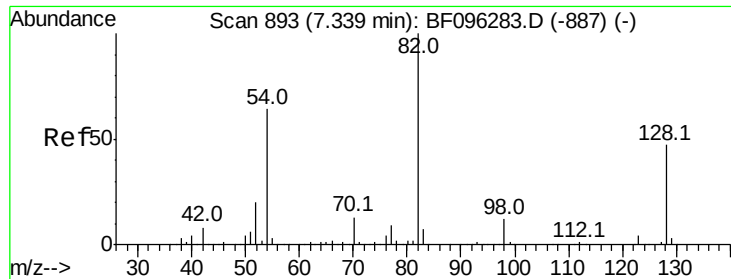
136 100

137 11.3 8.5 12.7

54 11.3 4.9 7.3#

68 6.8 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 2.07 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.04 min

Lab File: BF096307.D

Acq: 29 Jun 2017 22:25

Instrument :

BNA_F

ClientSampleId :

G52-1.5-3

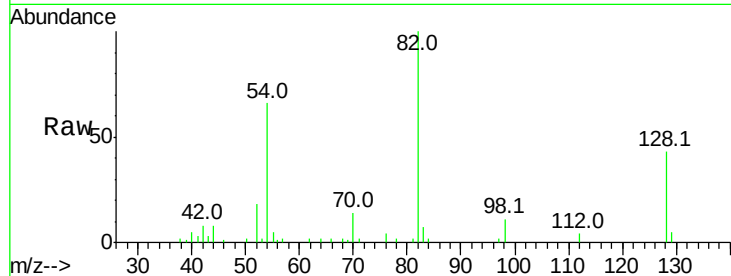
Tot Ion: 82 Resp: 20621

Ion Ratio Lower Upper

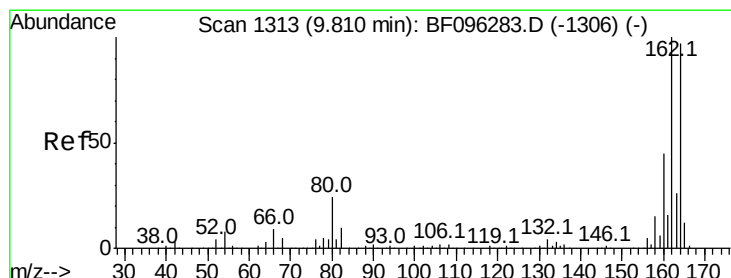
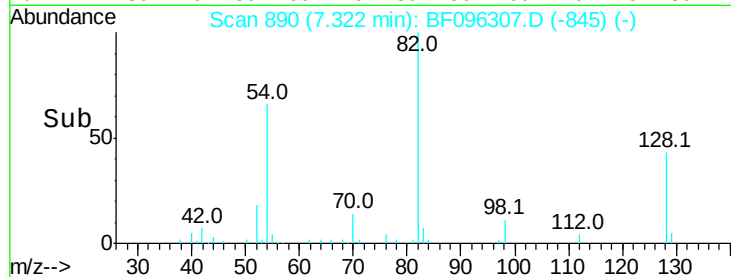
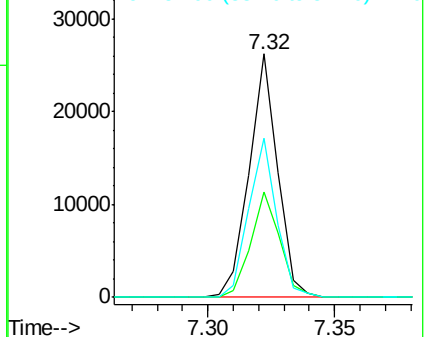
82 100

128 43.4 34.0 51.0

54 65.5 42.2 63.2#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF096307.D

Acq: 29 Jun 2017 22:25

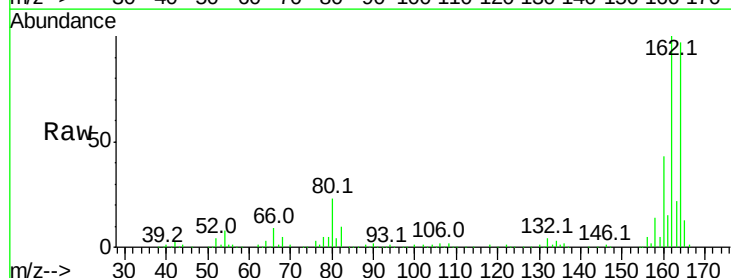
Tgt Ion:164 Resp: 257621

Ion Ratio Lower Upper

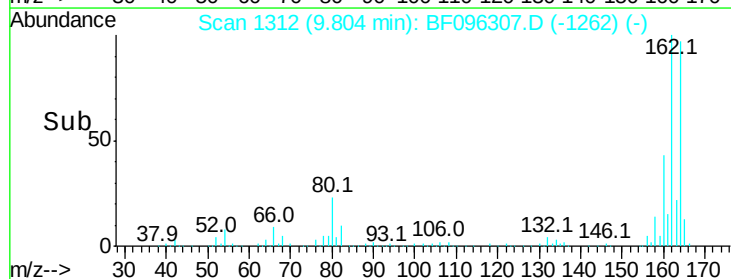
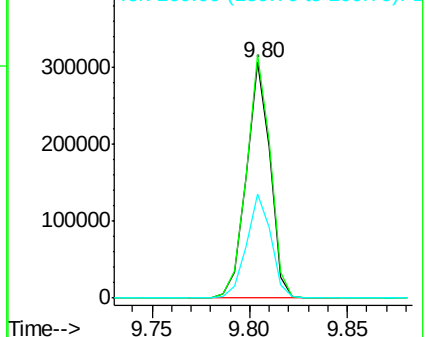
164 100

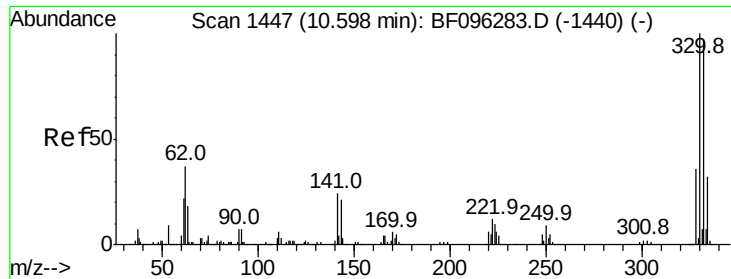
162 103.2 82.6 123.8

160 44.0 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

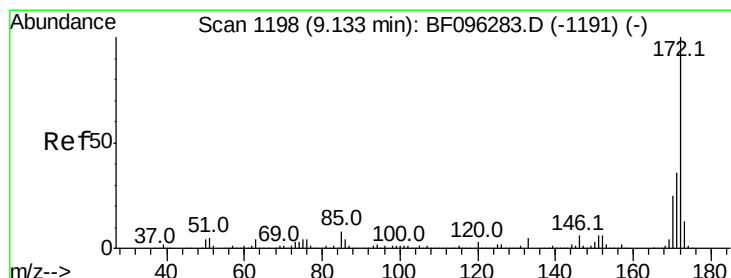
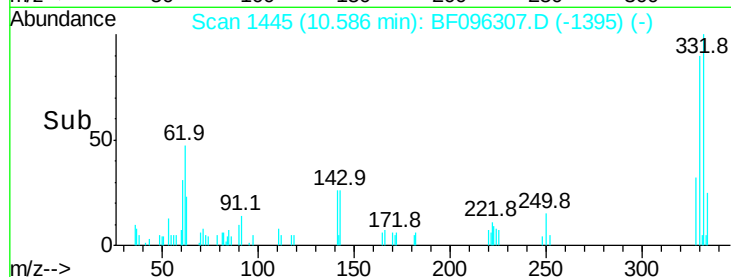
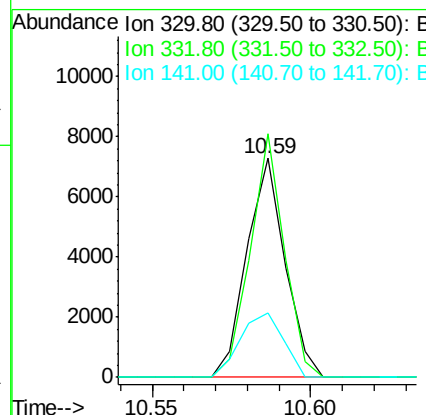
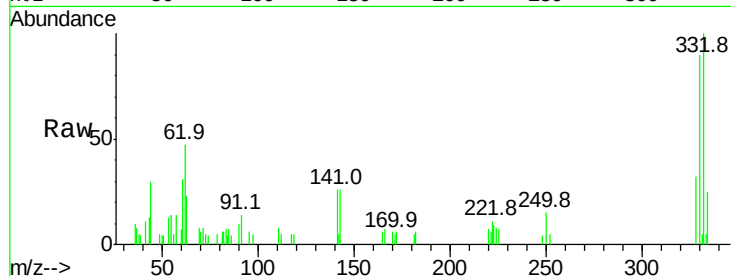




#41
 2,4,6-Tribromophenol
 Concen: 3.00 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096307.D
 Acq: 29 Jun 2017 22:25

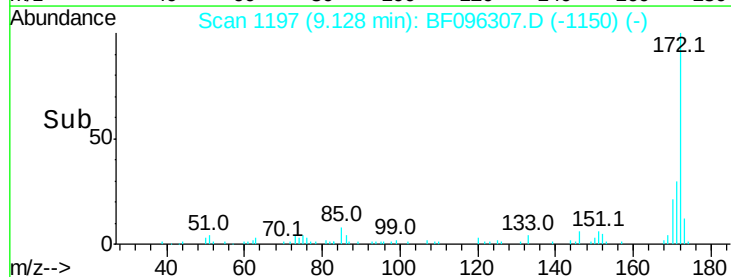
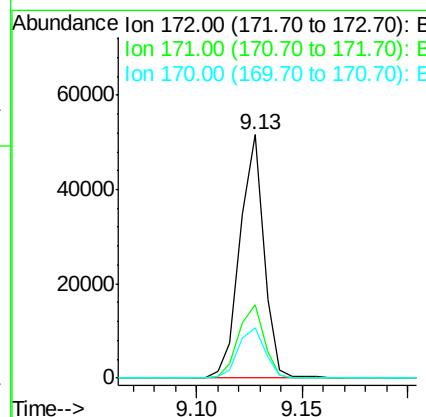
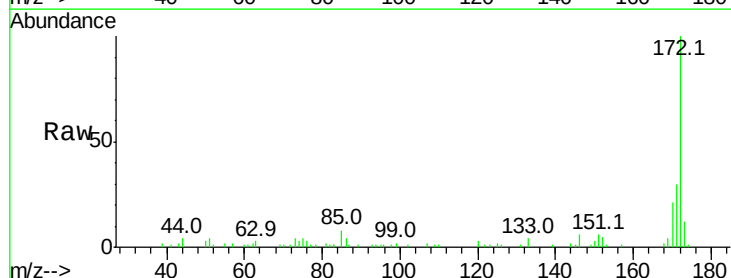
Instrument :
 BNA_F
 ClientSampleId :
 G52-1.5-3

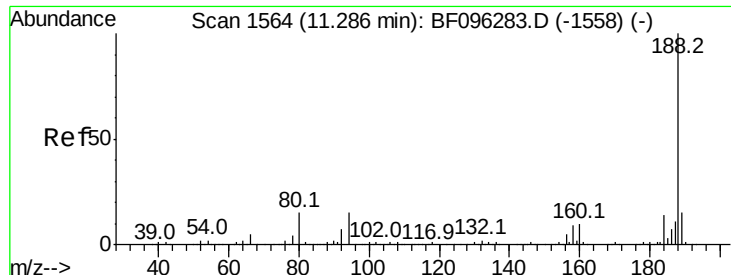
Tot Ion:330 Resp: 6078
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 115.0
 141 33.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 2.88 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096307.D
 Acq: 29 Jun 2017 22:25

Tgt Ion:172 Resp: 40513
 Ion Ratio Lower Upper
 172 100
 171 30.3 29.6 44.4
 170 20.9 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF096307.D

Acq: 29 Jun 2017 22:25

Instrument :

BNA_F

ClientSampleId :

G52-1.5-3

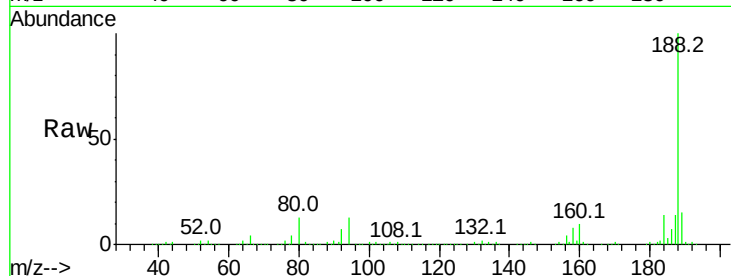
Tot Ion:188 Resp: 365021

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.2

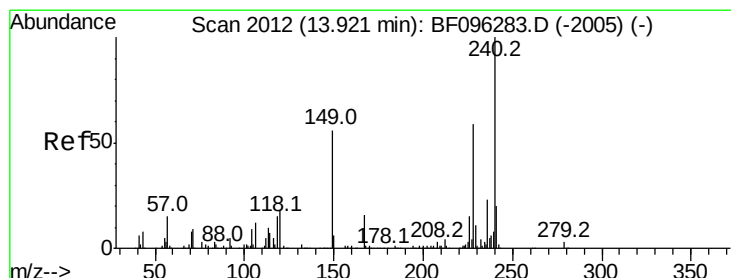
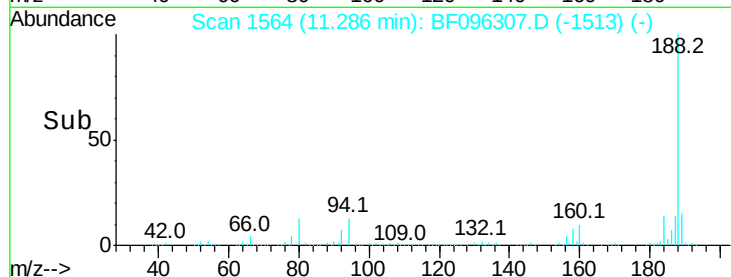
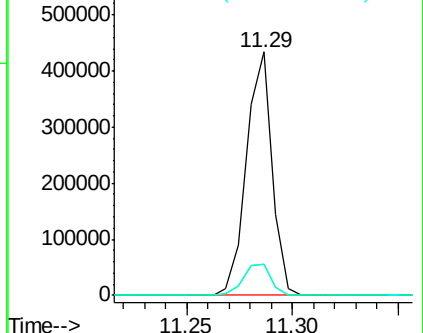
80 12.9 10.2 15.2



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: BF096307.D

Acq: 29 Jun 2017 22:25

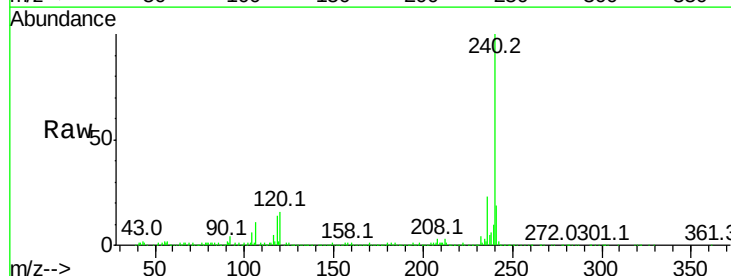
Tgt Ion:240 Resp: 357368

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

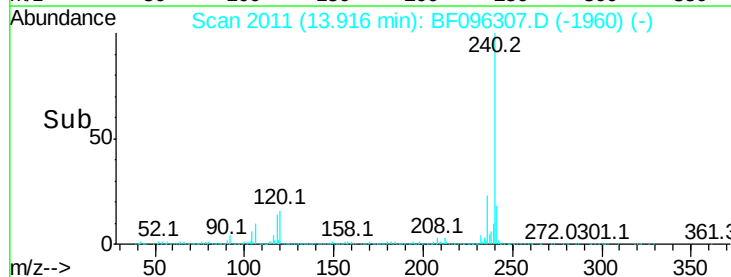
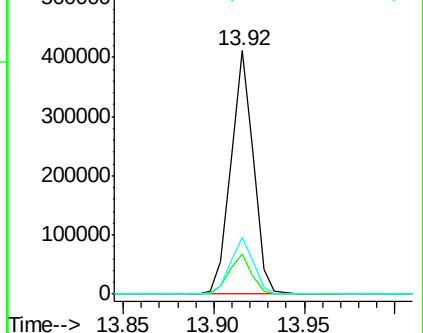
236 23.3 20.5 30.7

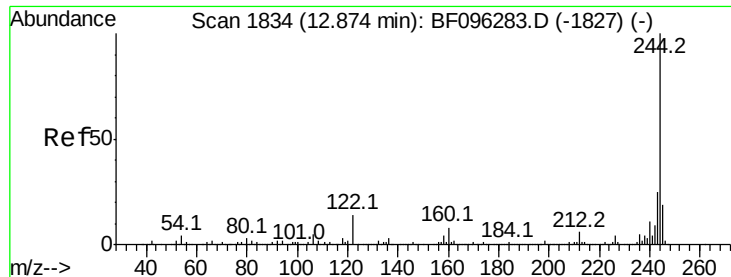


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.89 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF096307.D

Acq: 29 Jun 2017 22:25

Instrument :

BNA_F

ClientSampleId :

G52-1.5-3

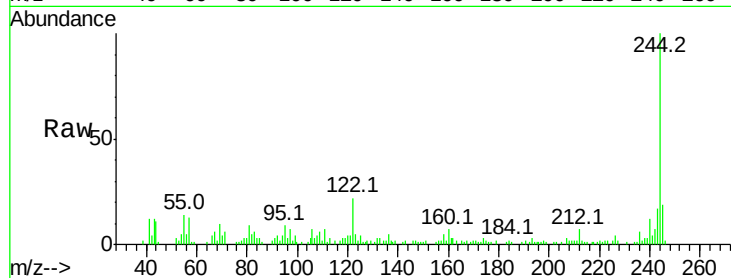
Tot Ion:244 Resp: 27115

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

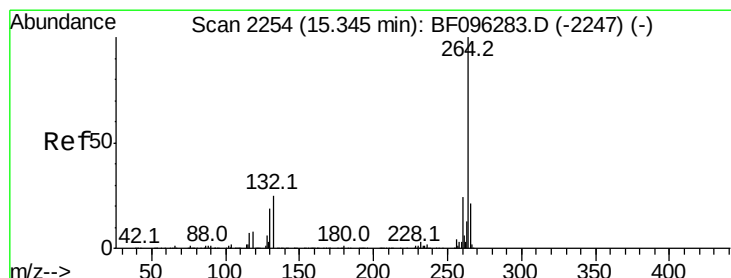
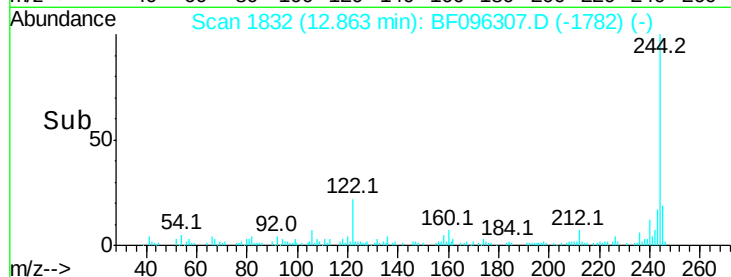
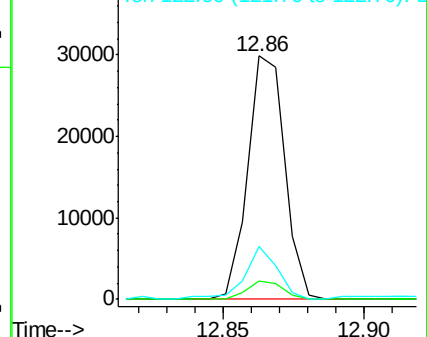
122 21.7 10.3 15.5#



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: BF096307.D

Acq: 29 Jun 2017 22:25

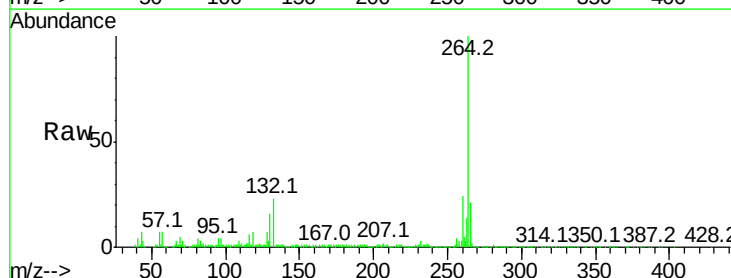
Tgt Ion:264 Resp: 267155

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.2 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

