

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088136.D
 Acq On : 18 Jun 2016 16:12
 Operator : UM/SJ
 Sample : H3501-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED3-0-6

Quant Time: Jun 20 05:22:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

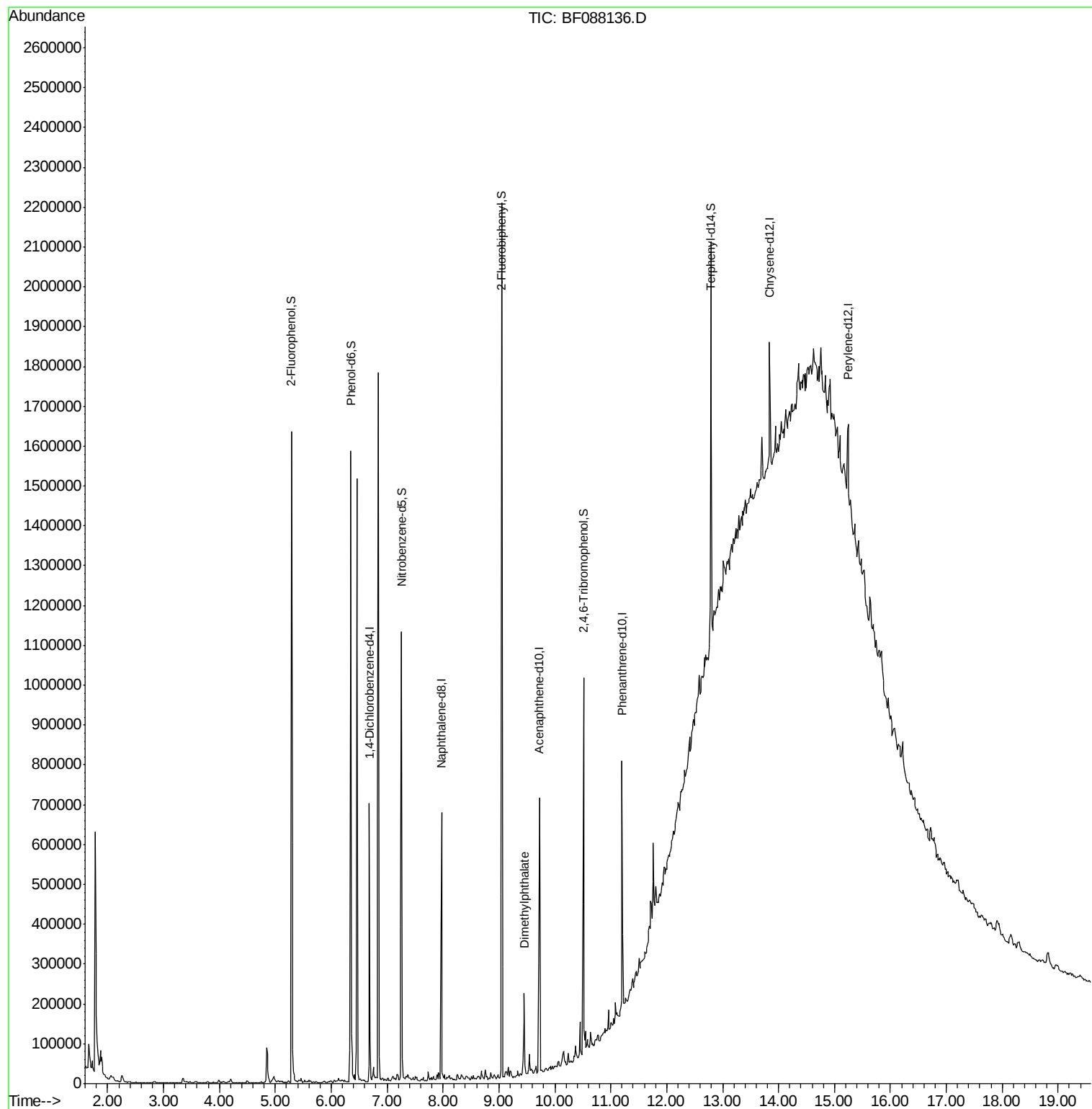
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	100751	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	373646	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	147045	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	225191	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	149095	20.00	ng	-0.01
86) Perylene-d12	15.25	264	112755	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	558460	94.76	ng	0.01
7) Phenol-d6	6.35	99	756237	105.88	ng	0.00
23) Nitrobenzene-d5	7.26	82	382211	59.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	119754	77.13	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	691299	73.08	ng	-0.02
78) Terphenyl-d14	12.79	244	457746	69.86	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	85621	8.04	ng	99

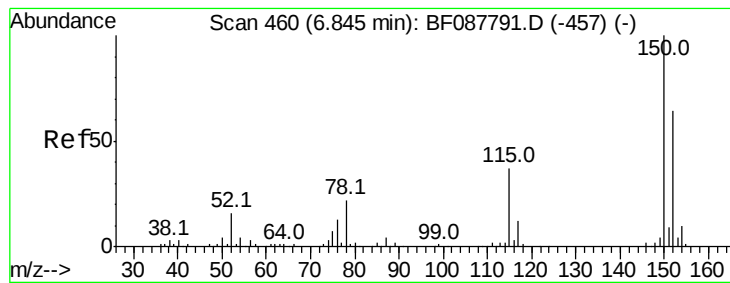
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088136.D

Acq: 18 Jun 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SED3-0-6

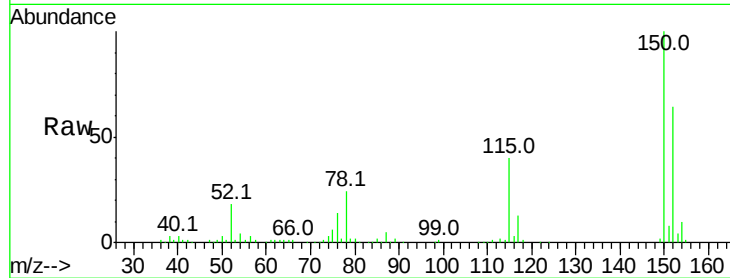
Tot Ion:152 Resp: 100751

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

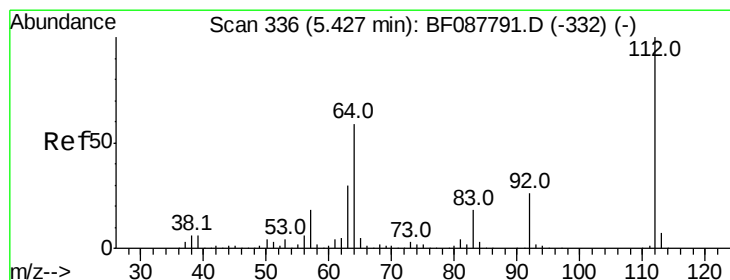
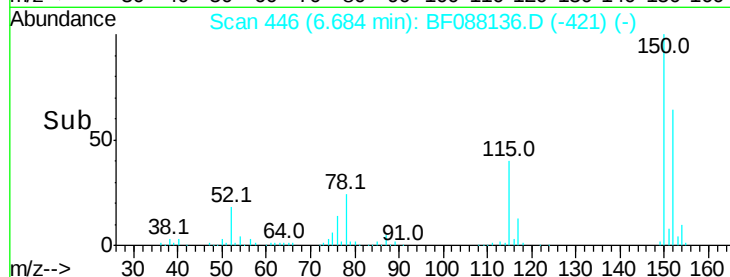
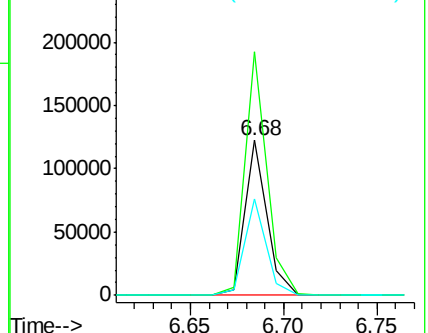
115 62.1 39.6 59.4#



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: 94.76 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088136.D

Acq: 18 Jun 2016 16:12

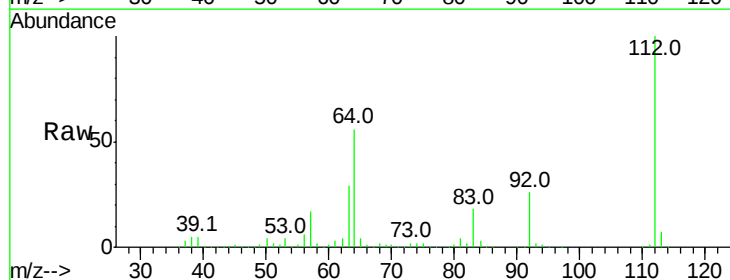
Tgt Ion:112 Resp: 558460

Ion Ratio Lower Upper

112 100

64 55.8 42.2 63.2

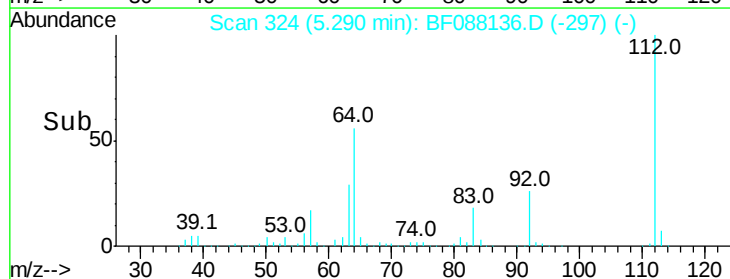
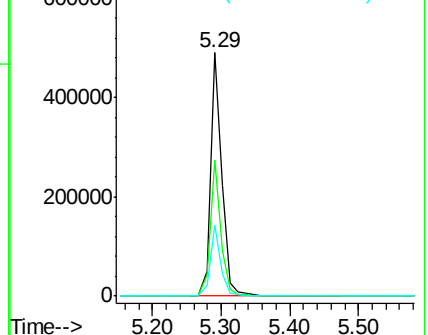
63 29.2 21.8 32.8

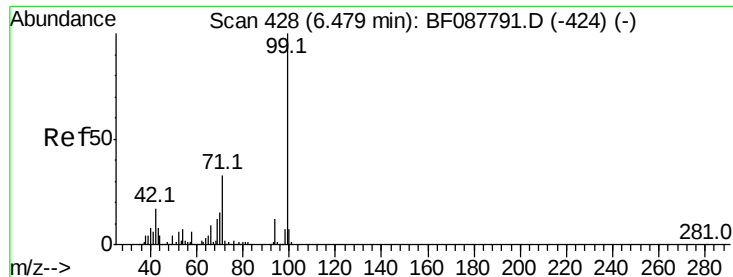


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.88 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088136.D

Acq: 18 Jun 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SED3-0-6

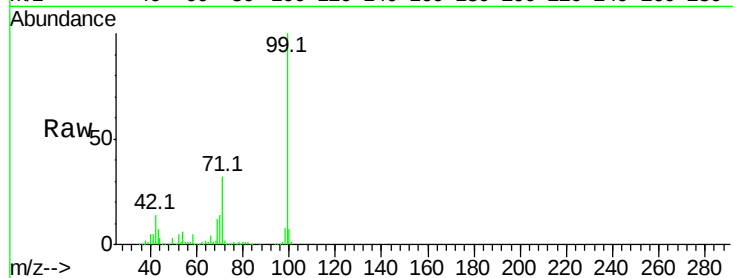
Tot Ion: 99 Resp: 756237

Ion Ratio Lower Upper

99 100

42 13.9 12.2 18.2

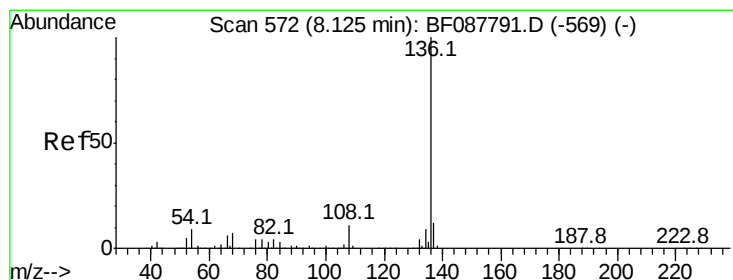
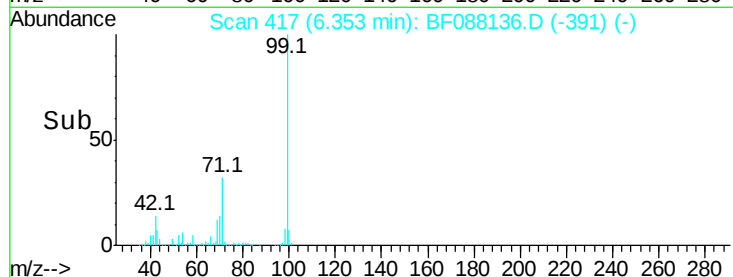
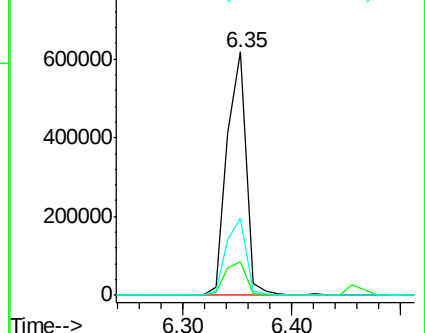
71 31.8 23.4 35.0



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: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088136.D

Acq: 18 Jun 2016 16:12

Tgt Ion: 136 Resp: 373646

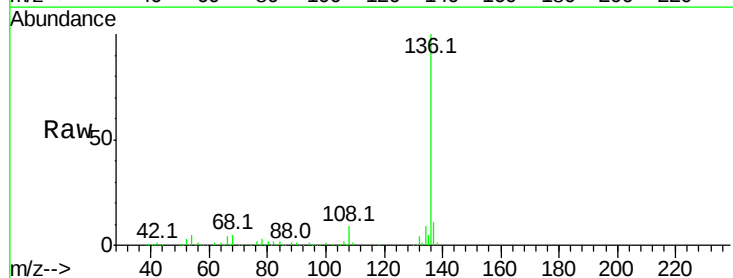
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.1 6.6 10.0#

68 4.5 5.1 7.7#

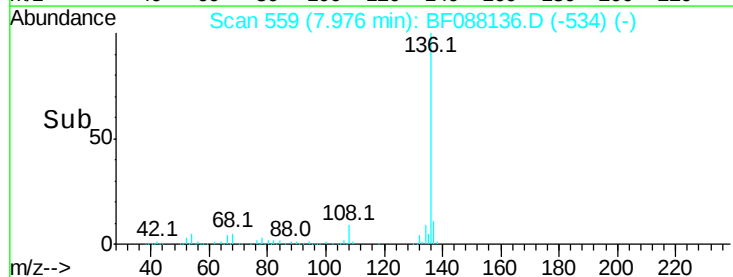
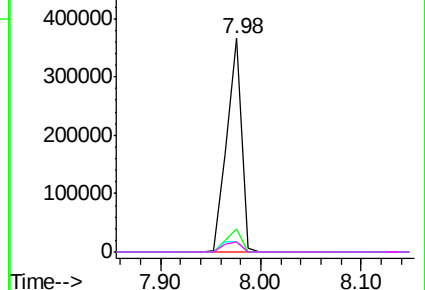


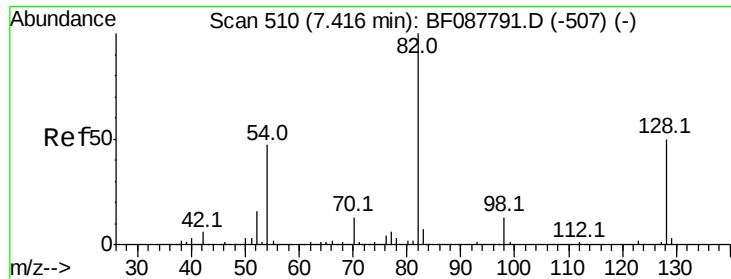
Abundance Ion 136.00 (135.70 to 136.70): E

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

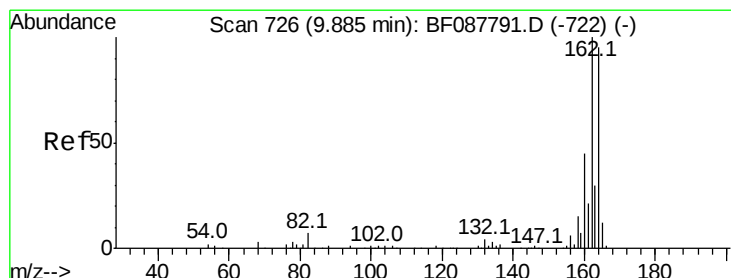
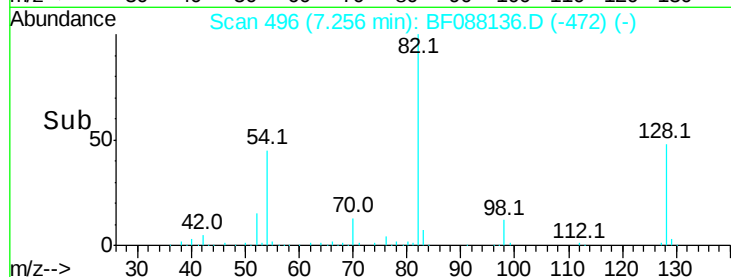
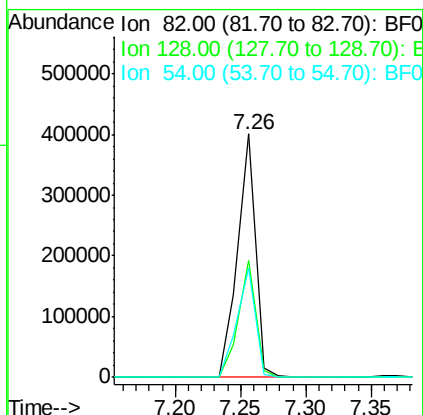
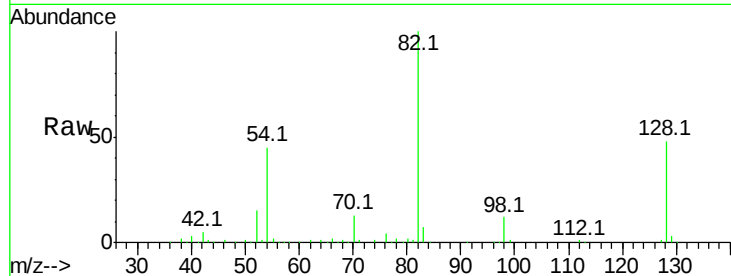




#23
Nitrobenzene-d5
Concen: 59.73 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088136.D
Acq: 18 Jun 2016 16:12

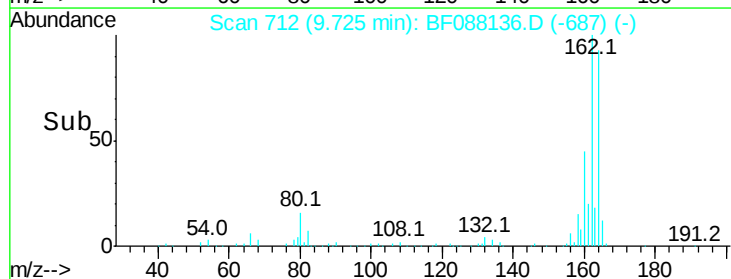
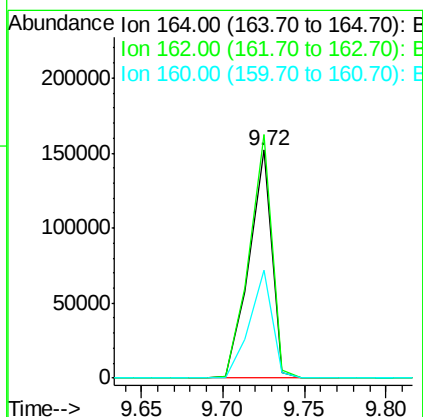
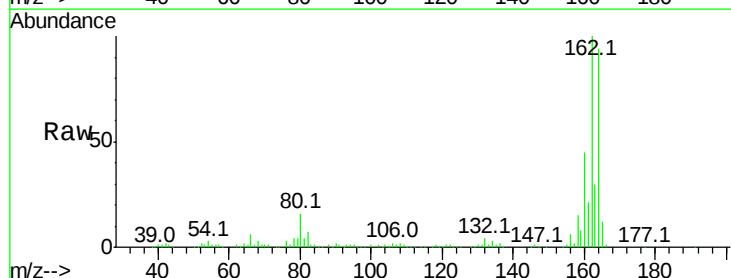
Instrument :
BNA_F
ClientSampleId :
SED3-0-6

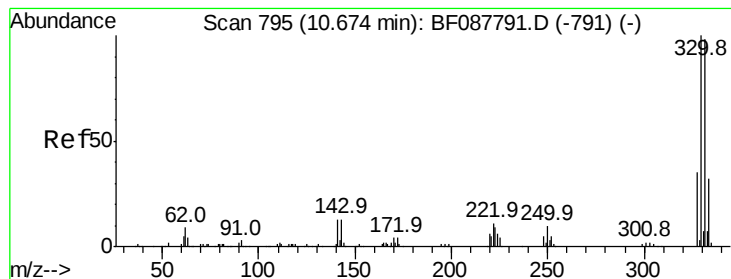
Tot Ion: 82 Resp: 382211
Ion Ratio Lower Upper
82 100
128 48.2 35.9 53.9
54 44.9 40.9 61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088136.D
Acq: 18 Jun 2016 16:12

Tgt Ion:164 Resp: 147045
Ion Ratio Lower Upper
164 100
162 106.8 85.4 128.2
160 47.6 39.5 59.3





#41

2,4,6-Tribromophenol

Concen: 77.13 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF088136.D

Acq: 18 Jun 2016 16:12

Instrument :

BNA_F

ClientSampled :

SED3-0-6

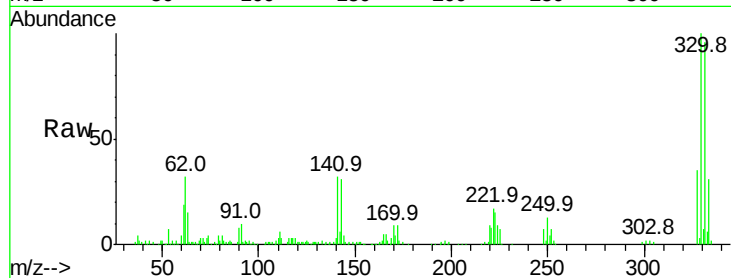
Tot Ion:330 Resp: 119754

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

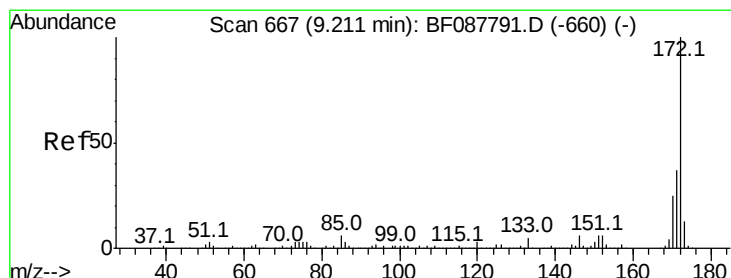
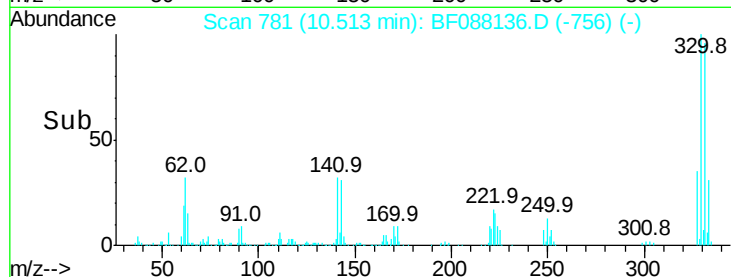
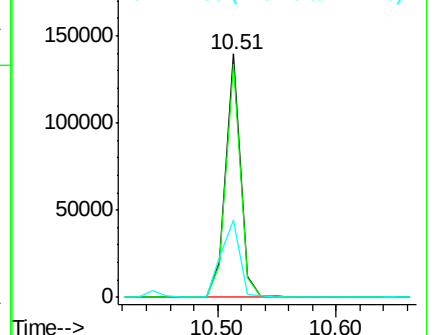
141 39.4 0.0 0.0#



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: 73.08 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF088136.D

Acq: 18 Jun 2016 16:12

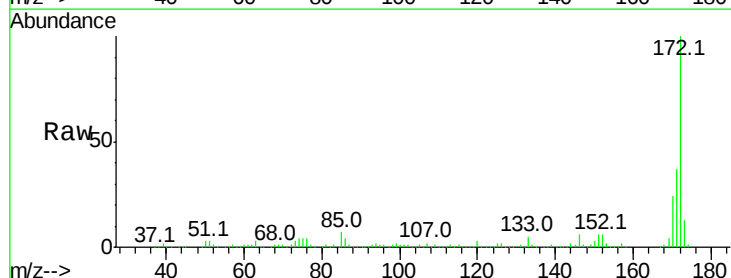
Tgt Ion:172 Resp: 691299

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

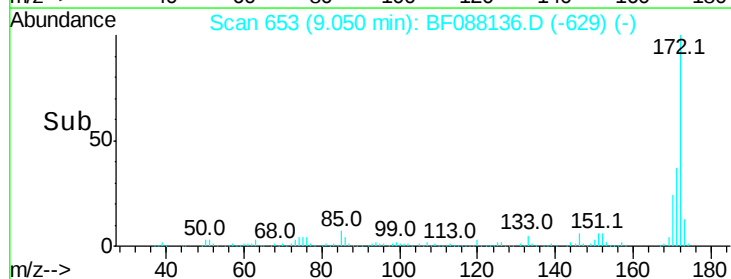
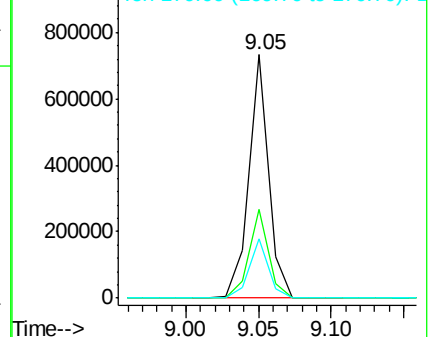
170 24.2 19.2 28.8

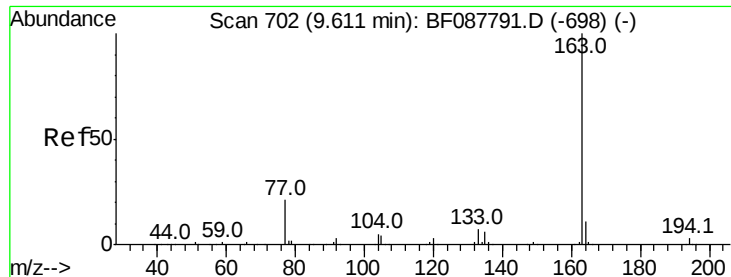


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

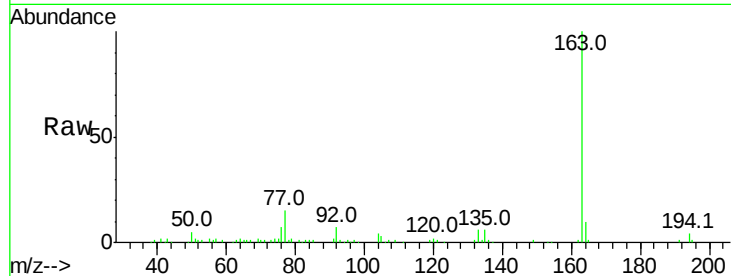




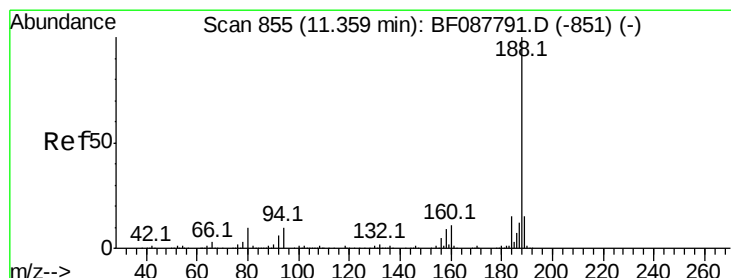
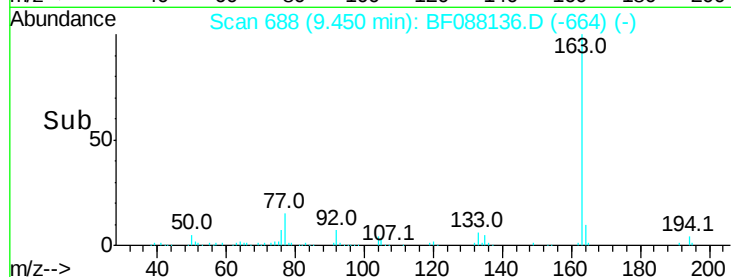
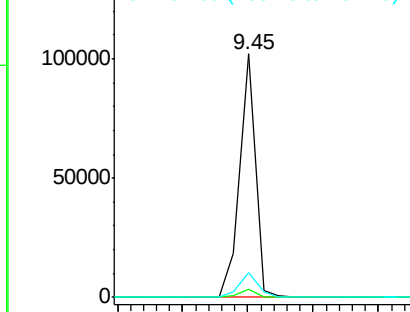
#49
Dimethylphthalate
Concen: 8.04 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF088136.D
Acq: 18 Jun 2016 16:12

Instrument :
BNA_F
ClientSampleId :
SED3-0-6

Tot Ion:163 Resp: 85621
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.1 8.3 12.5

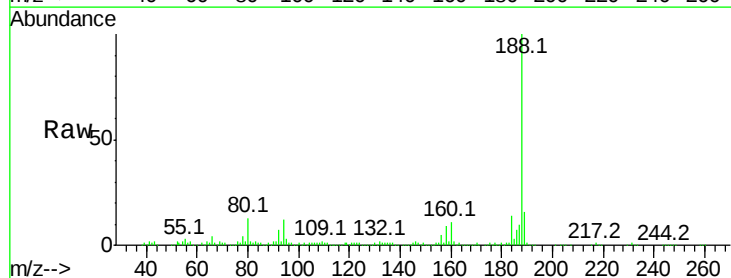


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

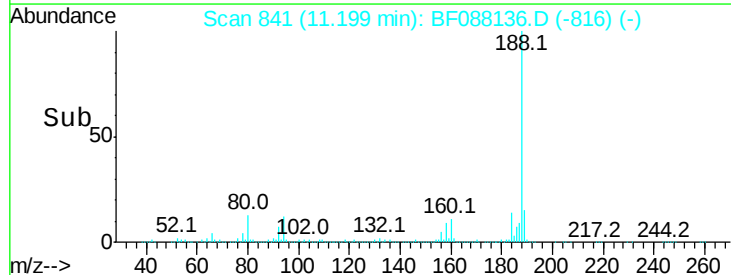
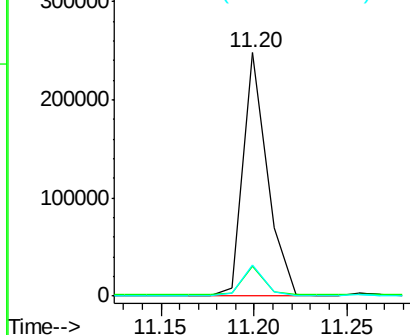


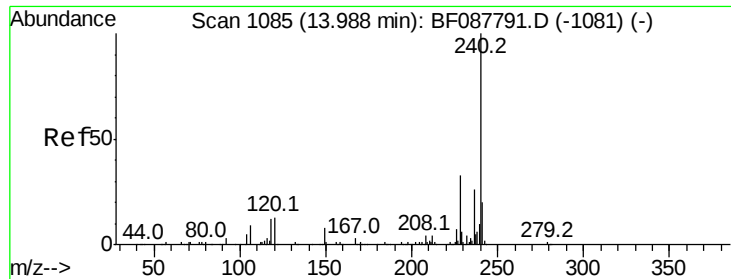
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088136.D
Acq: 18 Jun 2016 16:12

Tgt Ion:188 Resp: 225191
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.6
80 12.9 10.0 15.0



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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088136.D

Acq: 18 Jun 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SED3-0-6

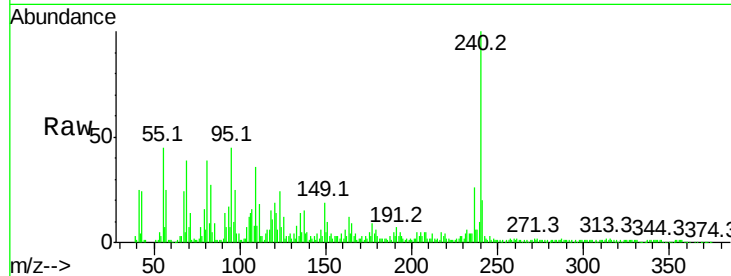
Tot Ion:240 Resp: 149095

Ion Ratio Lower Upper

240 100

120 18.9 6.8 10.2#

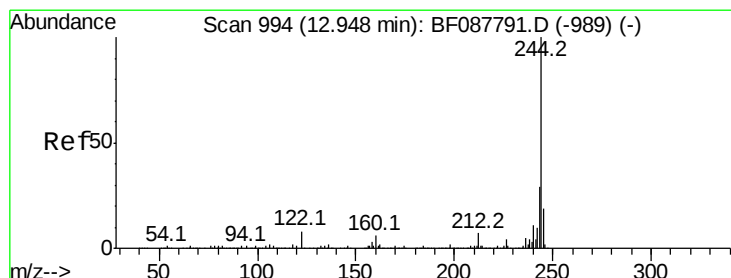
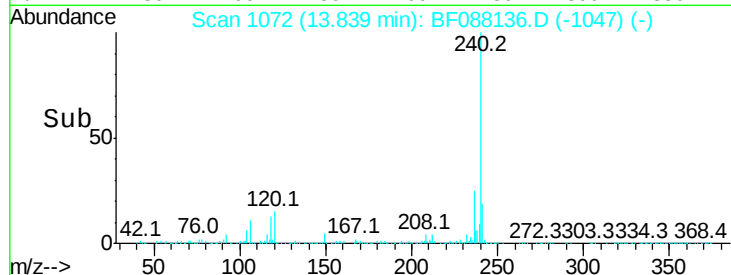
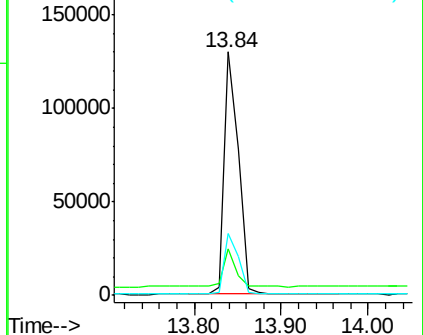
236 25.6 20.2 30.2



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: 69.86 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088136.D

Acq: 18 Jun 2016 16:12

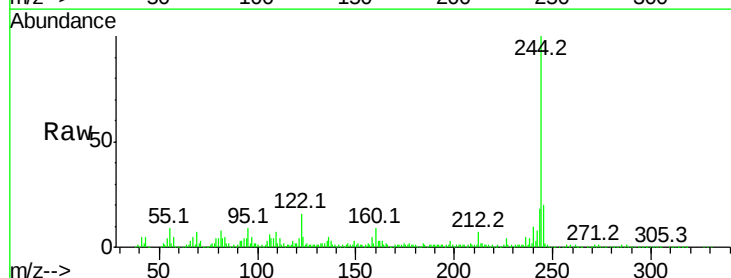
Tgt Ion:244 Resp: 457746

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

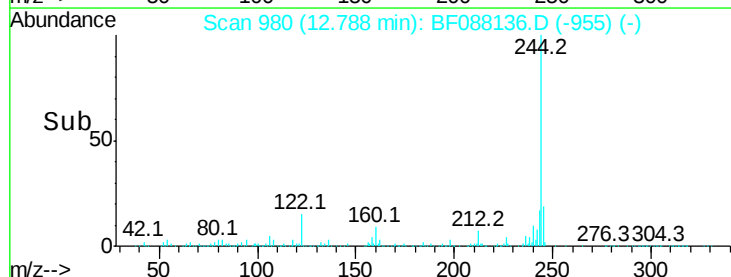
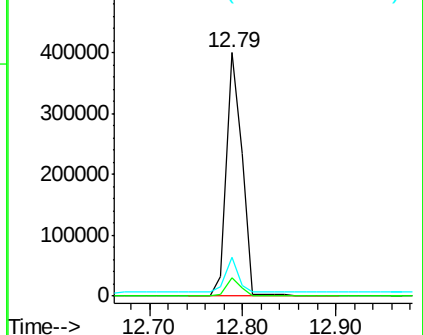
122 16.2 11.2 16.8

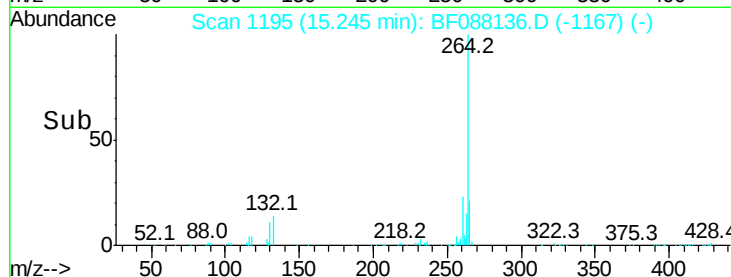
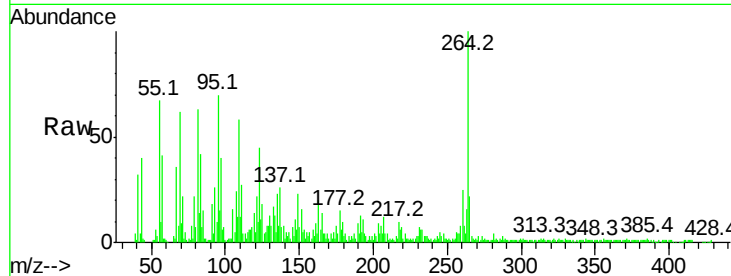
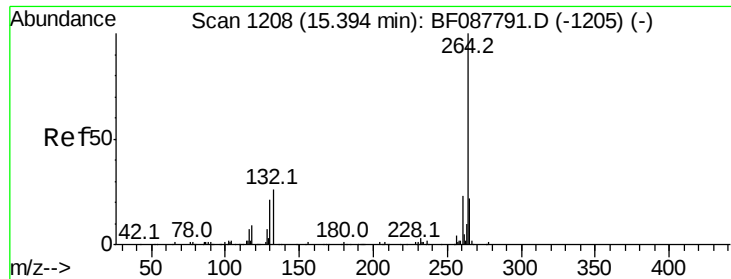


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.25 min Scan# 1195

Delta R.T. 0.02 min

Lab File: BF088136.D

Acq: 18 Jun 2016 16:12

Instrument :

BNA_F

ClientSampleId :

SED3-0-6

Tot Ion:264 Resp: 112755

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.3 16.9 25.3

