

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088196.D
 Acq On : 21 Jun 2016 3:40
 Operator : UM/SJ
 Sample : H3501-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2-4-6

Quant Time: Jun 21 06:41:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

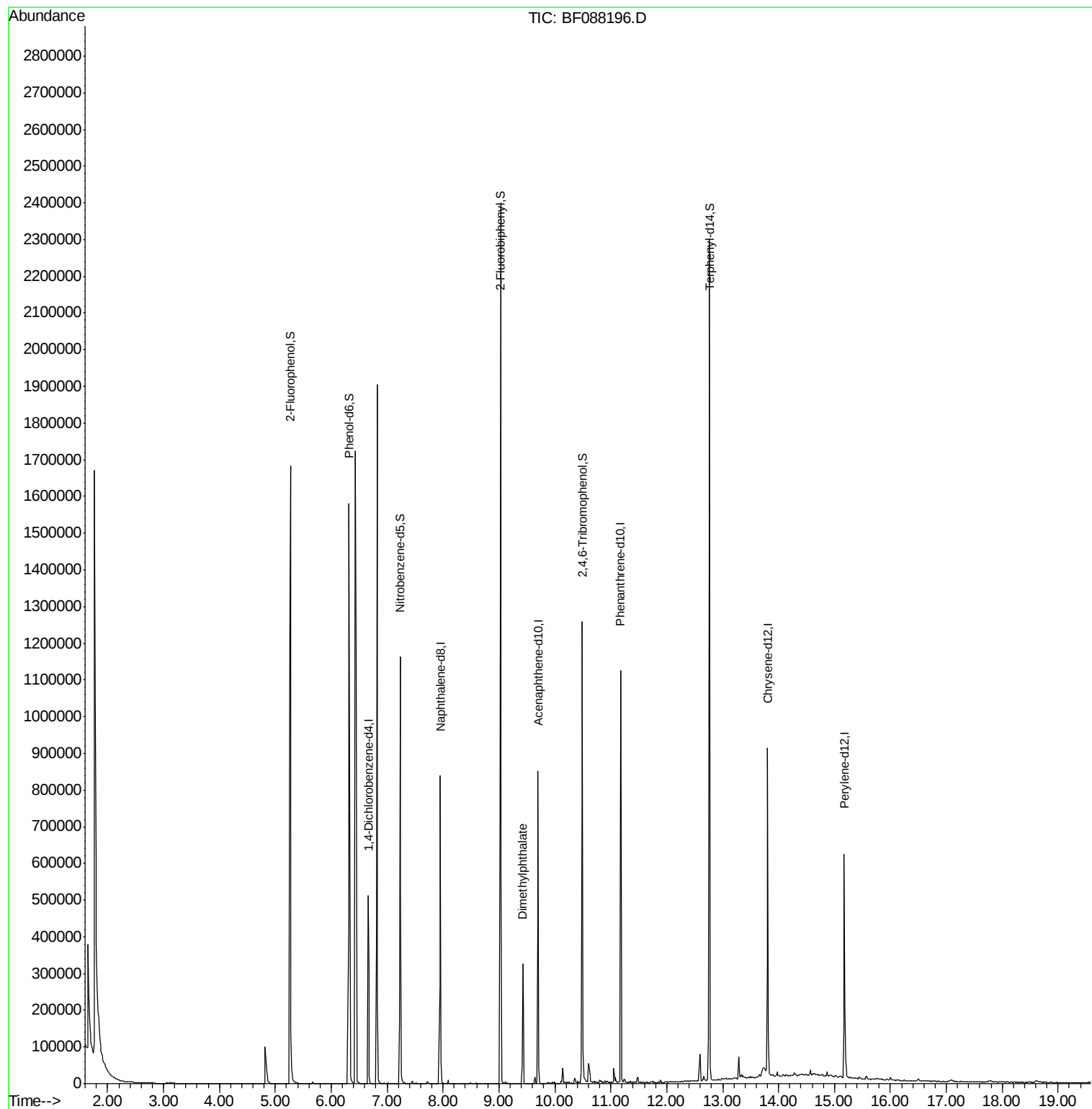
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	102821	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	421518	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	202854	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	385184	20.00	ng	0.00
75) Chrysene-d12	13.81	240	319959	20.00	ng	0.00
86) Perylene-d12	15.18	264	247824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	686269	114.10	ng	0.01
7) Phenol-d6	6.32	99	778547	106.81	ng	-0.01
23) Nitrobenzene-d5	7.23	82	470248	65.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	197908	92.40	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	891878	67.96	ng	-0.01
78) Terphenyl-d14	12.77	244	892495	63.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.43	163	137197	9.34	ng	Qvalue 99

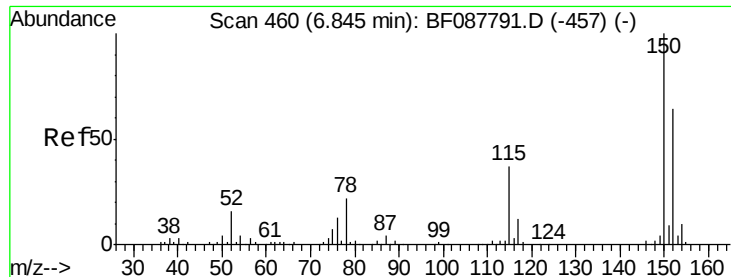
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

Instrument :

BNA_F

ClientSampleId :

SB2-4-6

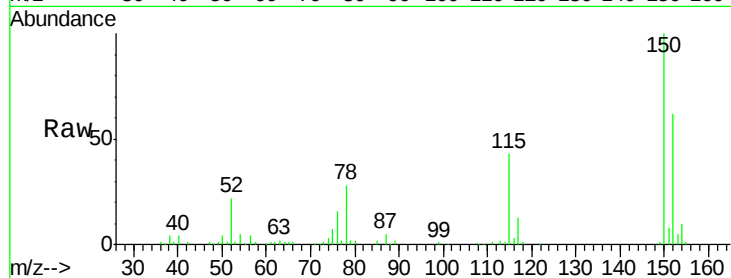
Tot Ion:152 Resp: 102821

Ion Ratio Lower Upper

152 100

150 161.8 123.8 185.6

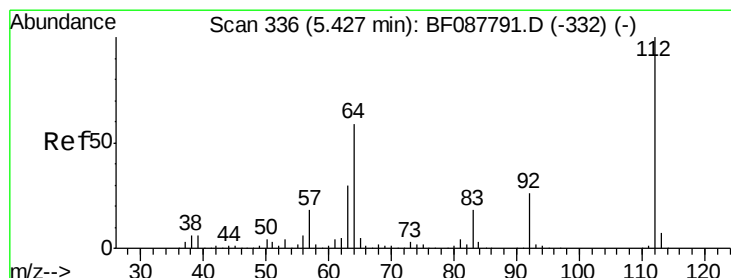
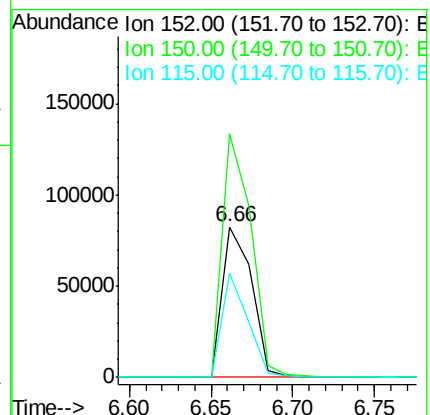
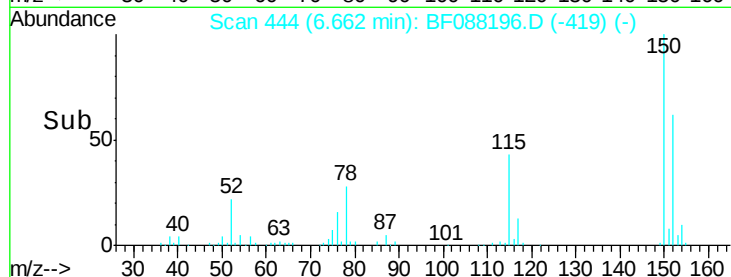
115 69.0 39.6 59.4#



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: 114.10 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

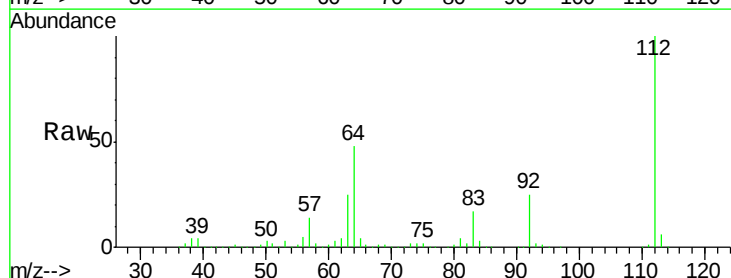
Tgt Ion:112 Resp: 686269

Ion Ratio Lower Upper

112 100

64 47.9 42.2 63.2

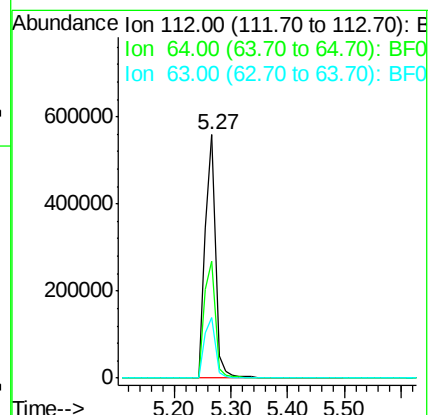
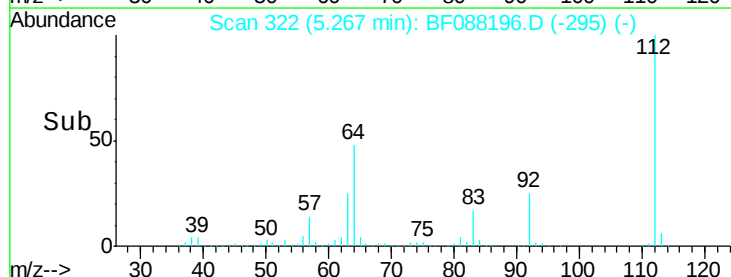
63 24.7 21.8 32.8

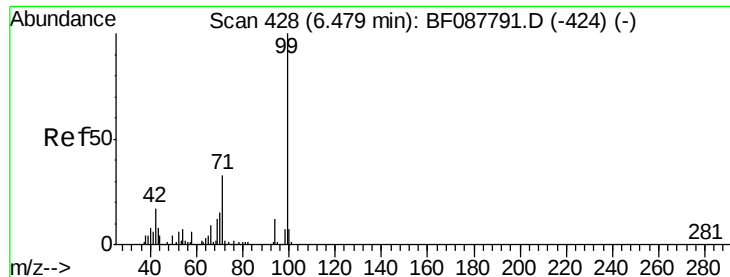


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.81 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

Instrument :

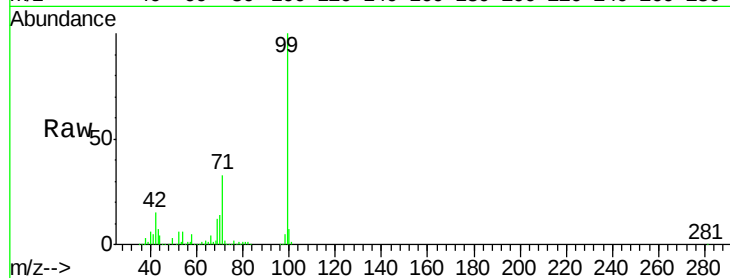
BNA_F

ClientSampleId :

SB2-4-6

Tot Ion: 99 Resp: 778547

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	33.1	23.4	35.0

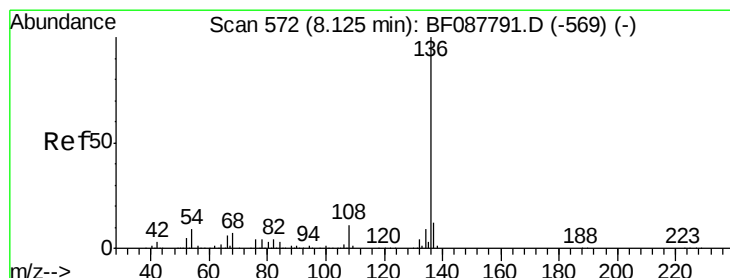
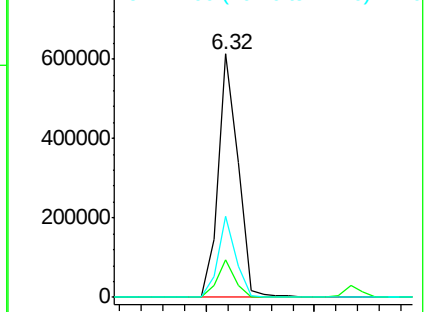
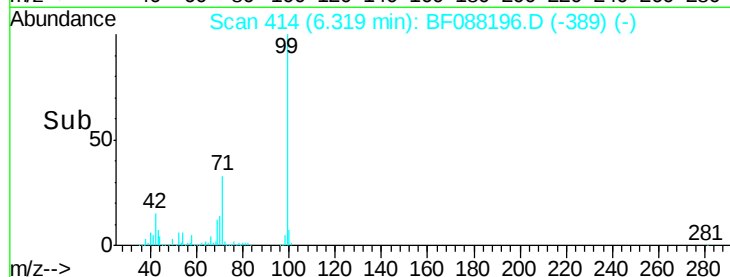


Abundance

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: 7.95 min Scan# 557

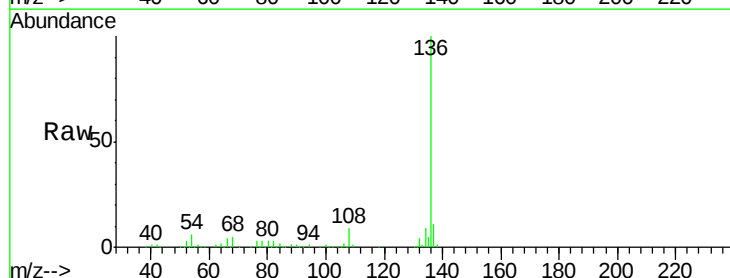
Delta R.T. -0.00 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

Tgt Ion: 136 Resp: 421518

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.9	6.6	10.0#
68	5.1	5.1	7.7



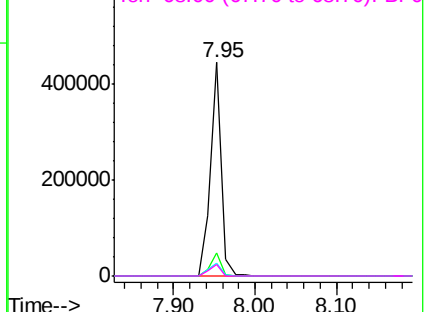
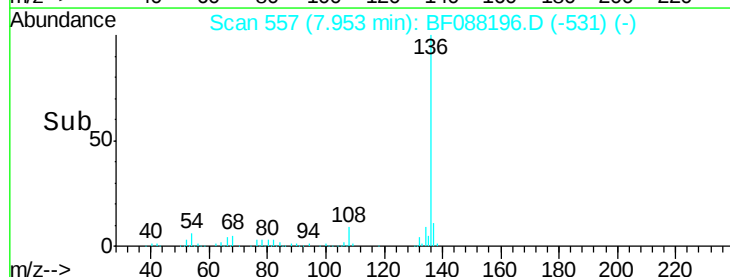
Abundance

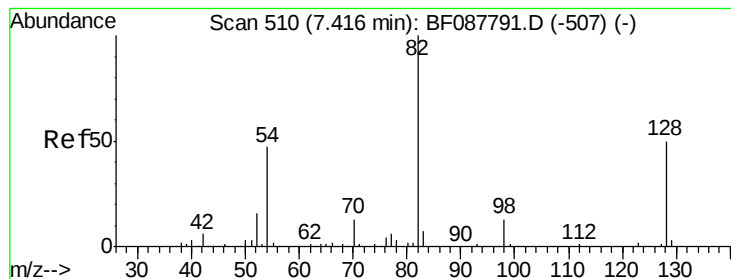
Ion 136.00 (135.70 to 136.70): E

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: 65.14 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

Instrument :

BNA_F

ClientSampled :

SB2-4-6

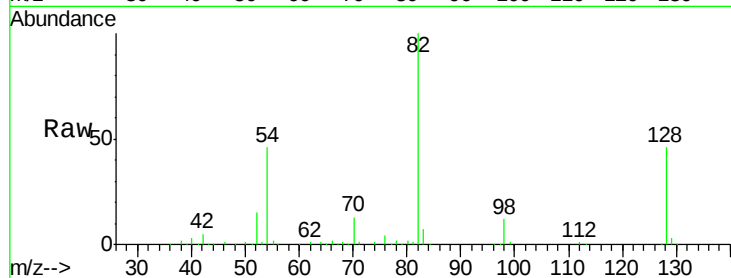
Tot Ion: 82 Resp: 470248

Ion Ratio Lower Upper

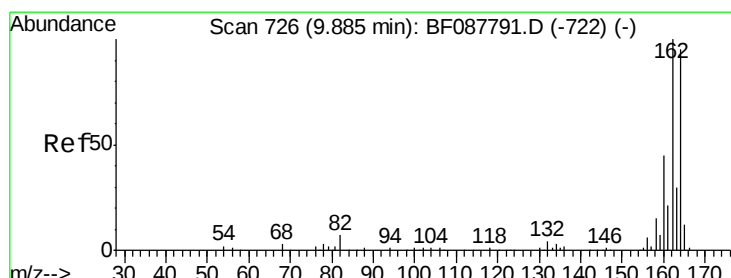
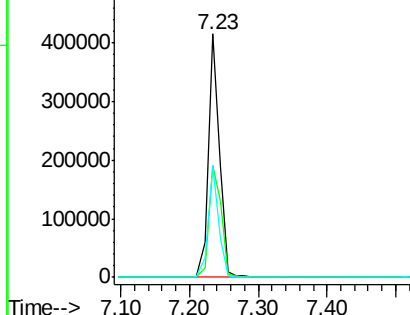
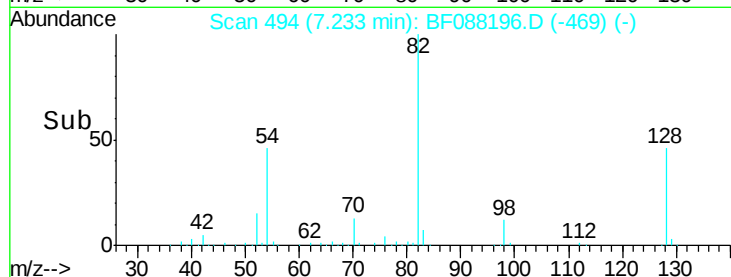
82 100

128 46.2 35.9 53.9

54 46.1 40.9 61.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

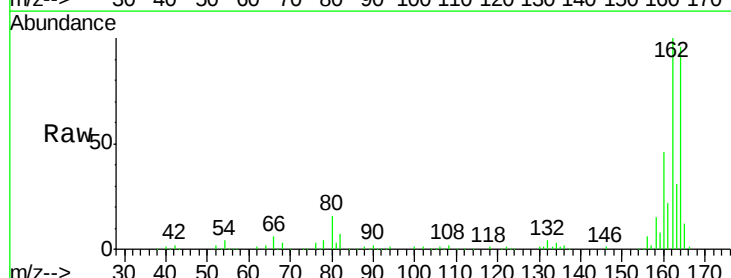
Tgt Ion:164 Resp: 202854

Ion Ratio Lower Upper

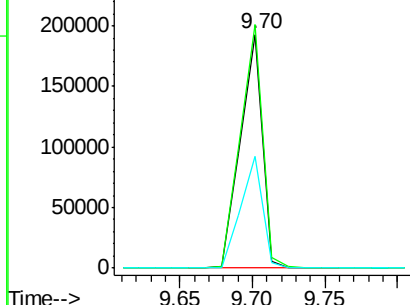
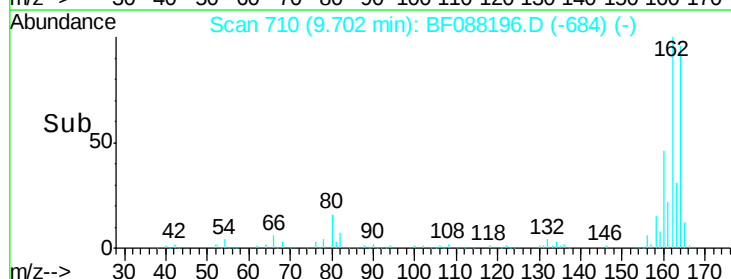
164 100

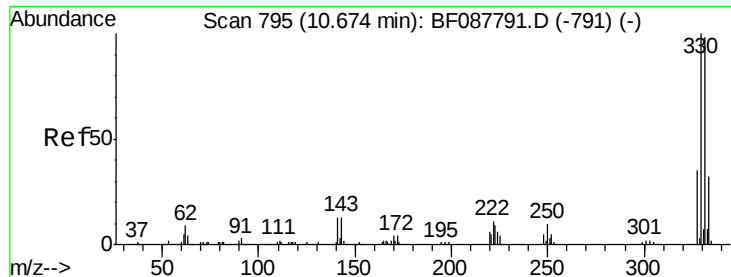
162 104.1 85.4 128.2

160 48.1 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

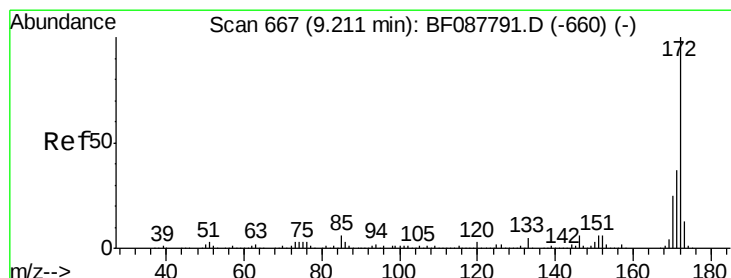
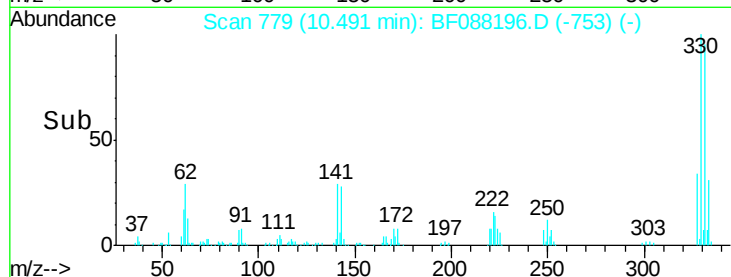
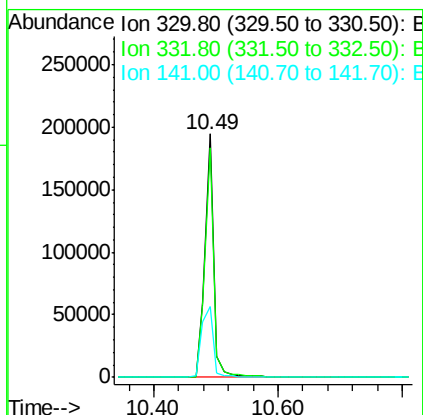
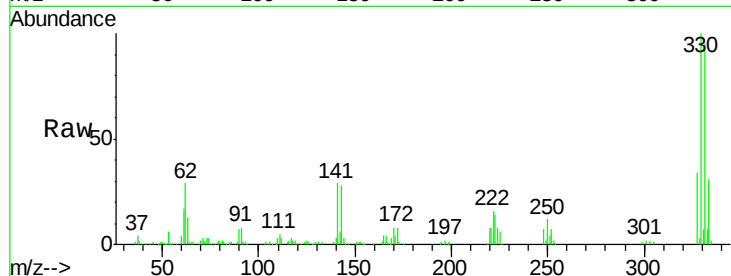




#41
 2,4,6-Tribromophenol
 Concen: 92.40 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088196.D
 Acq: 21 Jun 2016 3:40

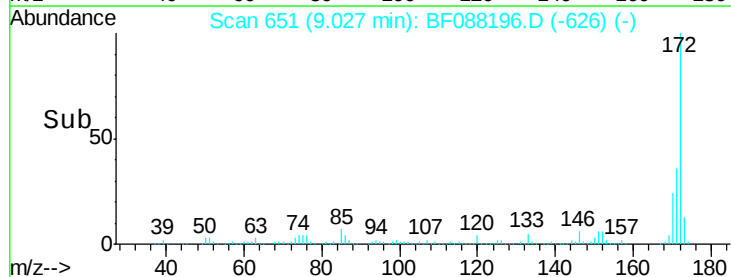
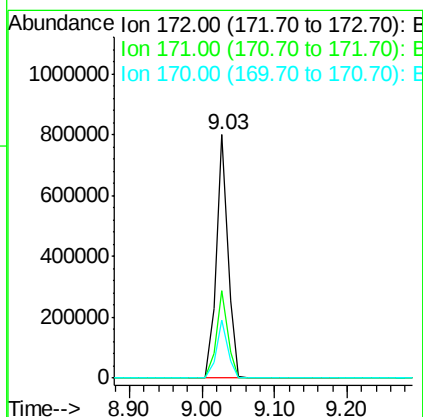
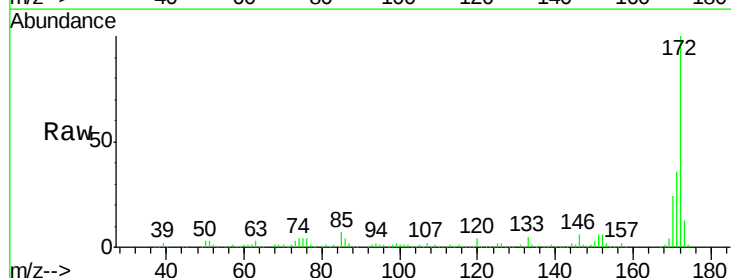
Instrument :
 BNA_F
 ClientSampleId :
 SB2-4-6

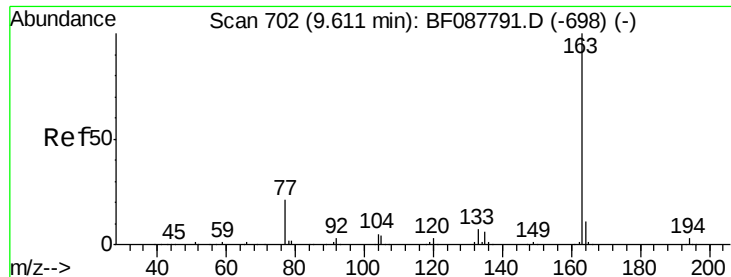
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	38.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 67.96 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088196.D
 Acq: 21 Jun 2016 3:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.2	28.8





#49

Dimethylphthalate

Concen: 9.34 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

Instrument :

BNA_F

ClientSampleId :

SB2-4-6

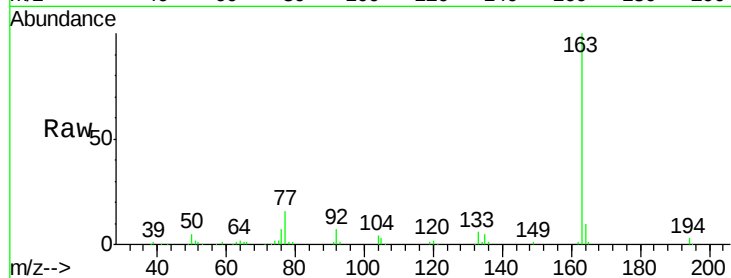
Tot Ion:163 Resp: 137197

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

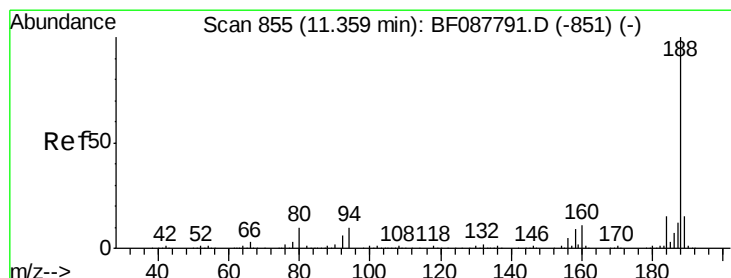
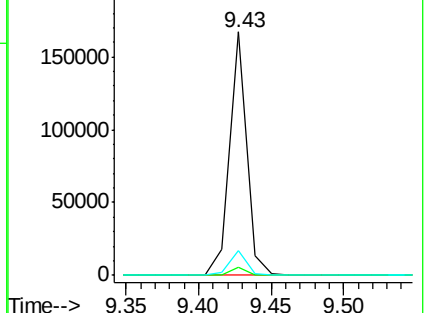
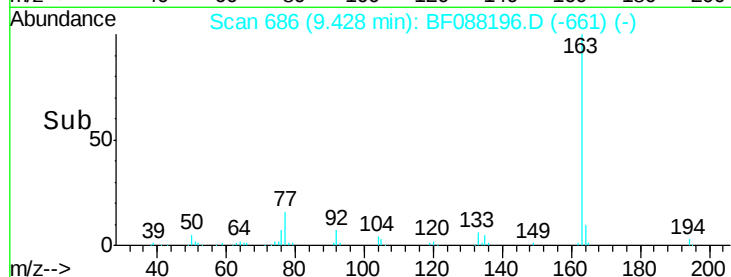
164 10.0 8.3 12.5



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: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

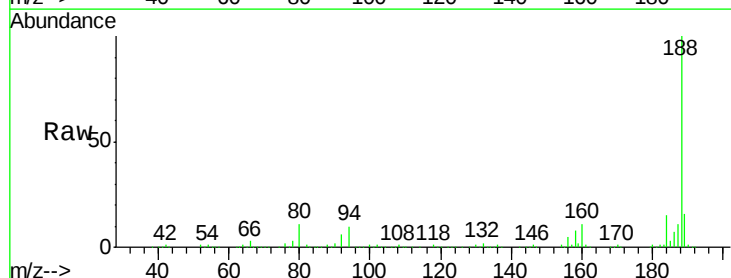
Tgt Ion:188 Resp: 385184

Ion Ratio Lower Upper

188 100

94 10.2 9.0 13.6

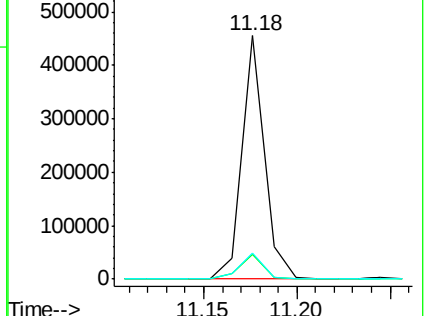
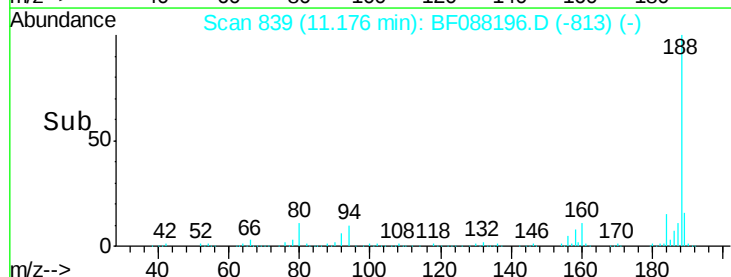
80 10.7 10.0 15.0

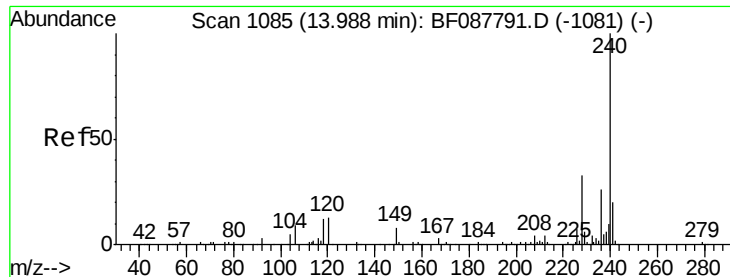


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

Instrument :

BNA_F

ClientSampleId :

SB2-4-6

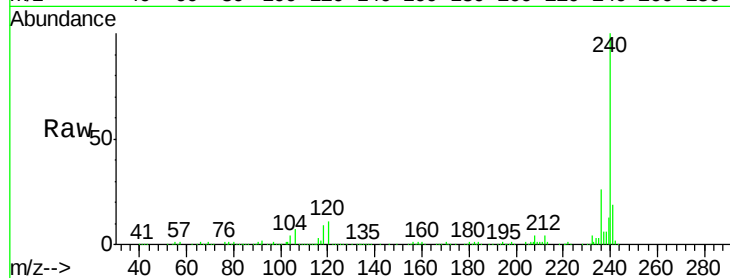
Tot Ion:240 Resp: 319959

Ion Ratio Lower Upper

240 100

120 10.6 6.8 10.2#

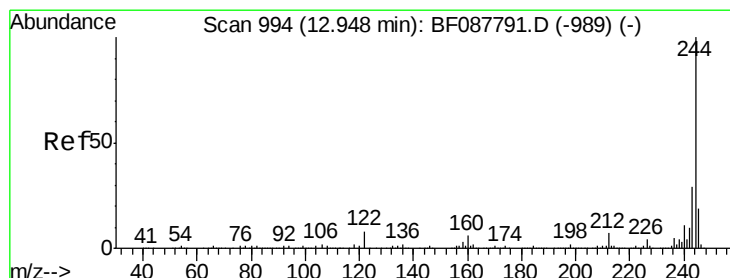
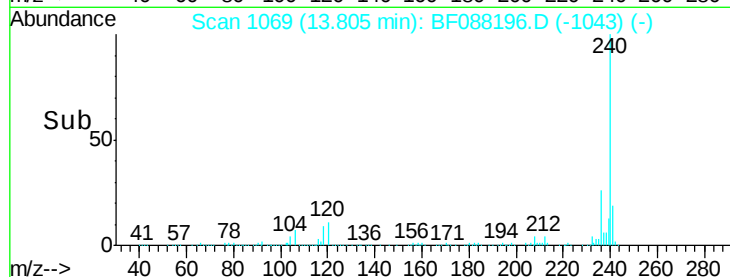
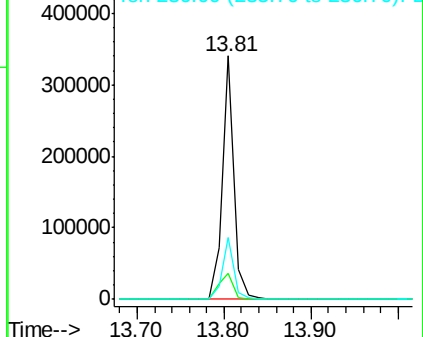
236 25.6 20.2 30.2



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: 63.47 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

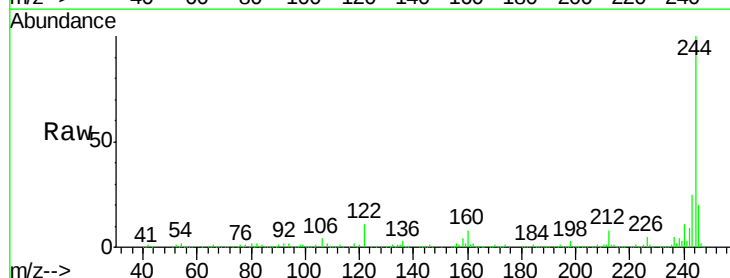
Tgt Ion:244 Resp: 892495

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

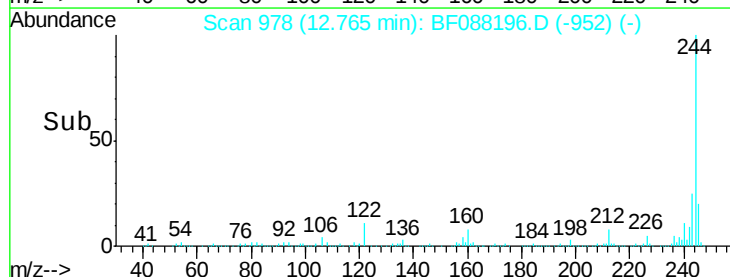
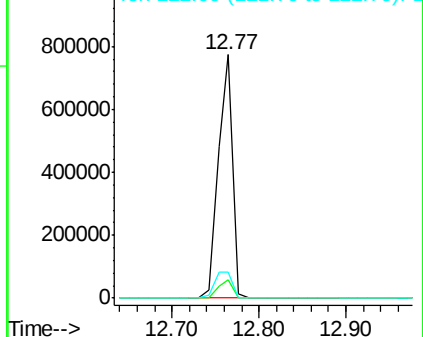
122 10.9 11.2 16.8#

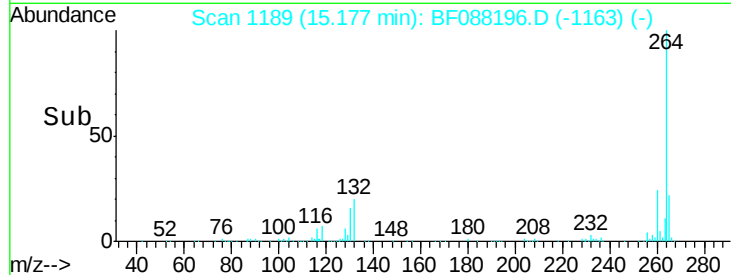
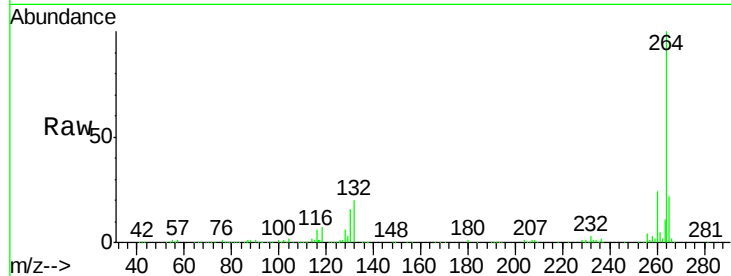
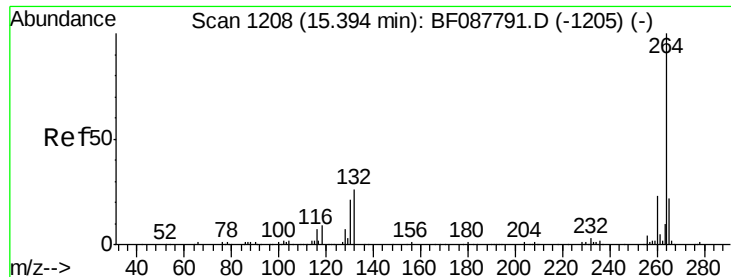


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.18 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF088196.D

Acq: 21 Jun 2016 3:40

Instrument :

BNA_F

ClientSampleId :

SB2-4-6

Tot Ion:264 Resp: 247824

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.8 16.9 25.3

