

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088212.D
 Acq On : 21 Jun 2016 11:23
 Operator : UM/SJ
 Sample : H3580-21
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 08-B6(8-16)C

Quant Time: Jun 21 13:12:38 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

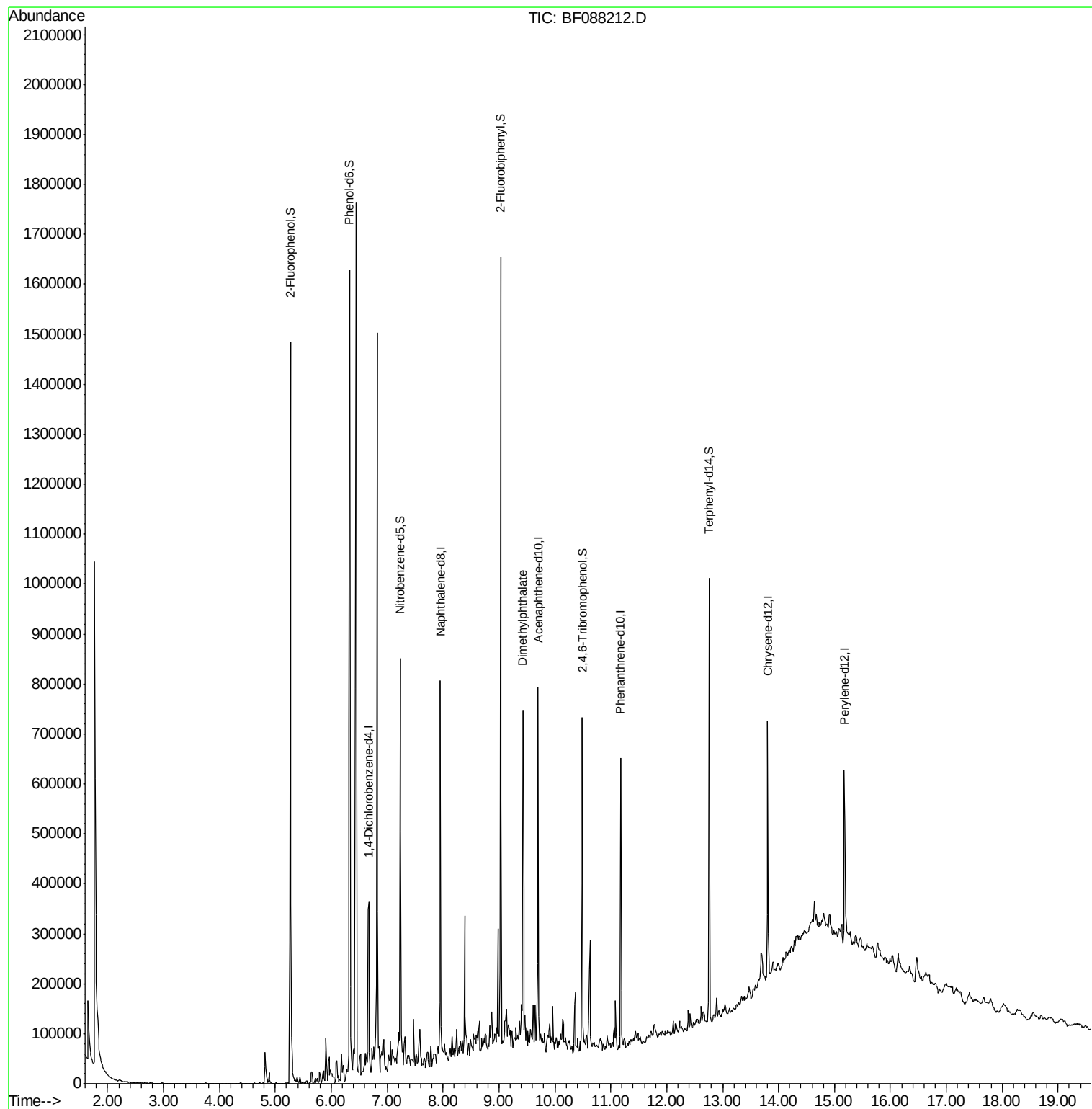
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	76591	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	313401	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	134543	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	195704	20.00	ng	0.00
75) Chrysene-d12	13.81	240	165278	20.00	ng	0.00
86) Perylene-d12	15.18	264	164100	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	498066	111.17	ng	0.01
7) Phenol-d6	6.33	99	657205	121.04	ng	0.00
23) Nitrobenzene-d5	7.23	82	325650	60.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	93128	65.55	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	538120	61.29	ng	-0.01
78) Terphenyl-d14	12.75	244	341470	47.01	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.43	163	212398	21.79	ng	99

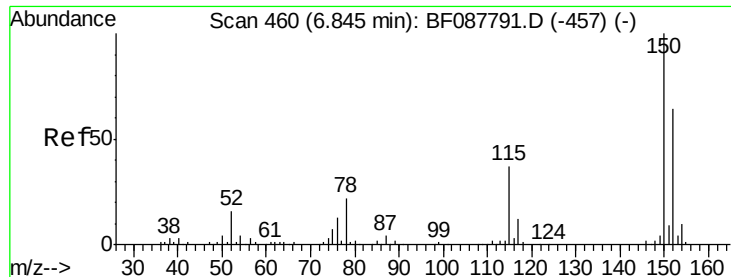
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF088212.D

Acq: 21 Jun 2016 11:23

Instrument :

BNA_F

ClientSampleId :

08-B6(8-16)C

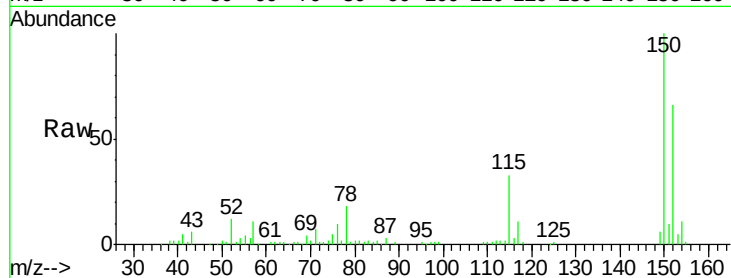
Tot Ion:152 Resp: 76591

Ion Ratio Lower Upper

152 100

150 151.0 123.8 185.6

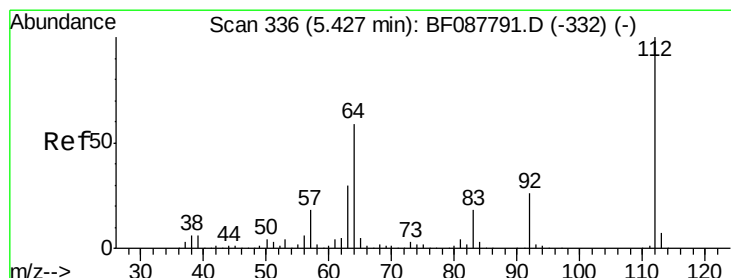
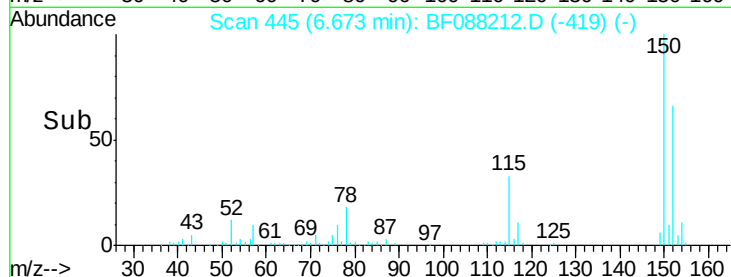
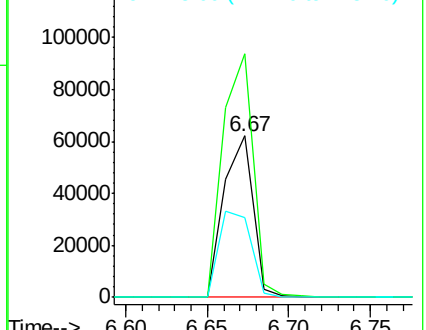
115 49.4 39.6 59.4



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: 111.17 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088212.D

Acq: 21 Jun 2016 11:23

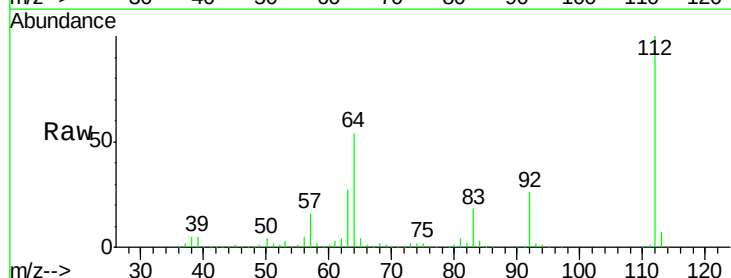
Tgt Ion:112 Resp: 498066

Ion Ratio Lower Upper

112 100

64 53.6 42.2 63.2

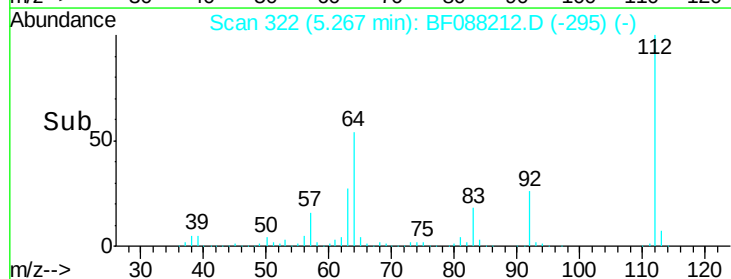
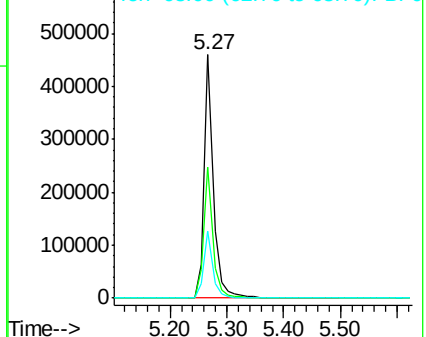
63 27.4 21.8 32.8

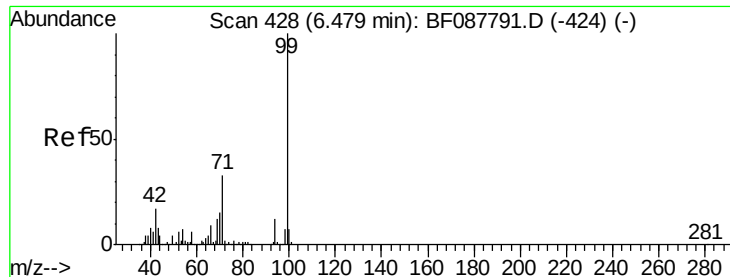


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.04 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088212.D

Acq: 21 Jun 2016 11:23

Instrument :

BNA_F

ClientSampleId :

08-B6(8-16)C

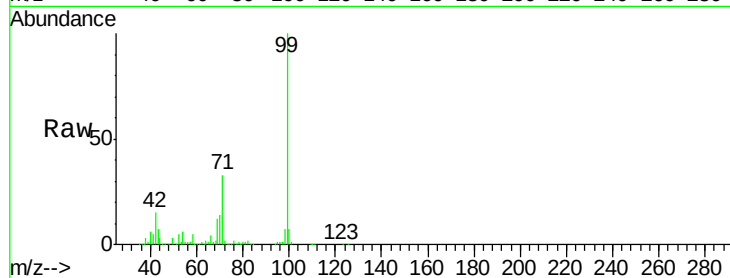
Tot Ion: 99 Resp: 657205

Ion Ratio Lower Upper

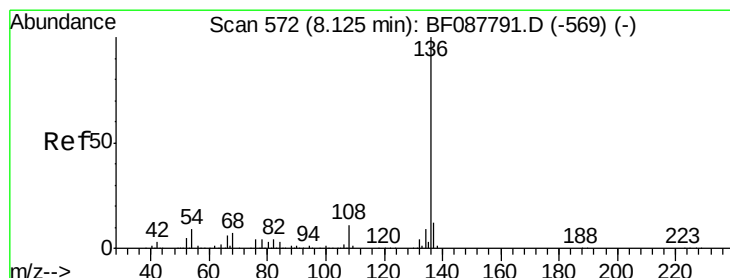
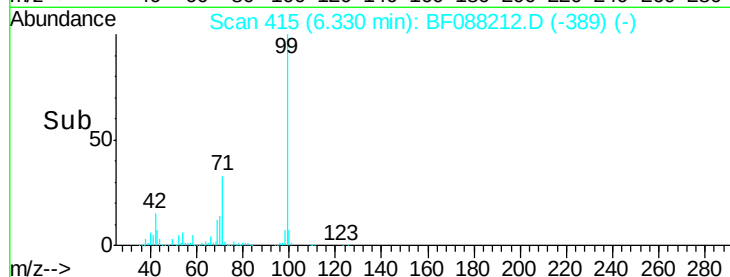
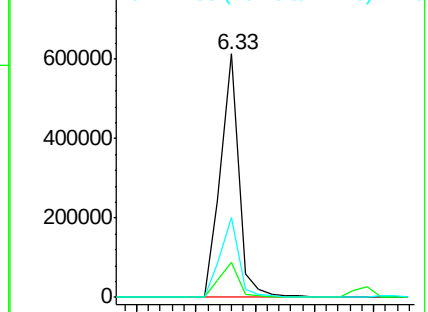
99 100

42 14.6 12.2 18.2

71 32.9 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: BF088212.D

Acq: 21 Jun 2016 11:23

Tgt Ion: 136 Resp: 313401

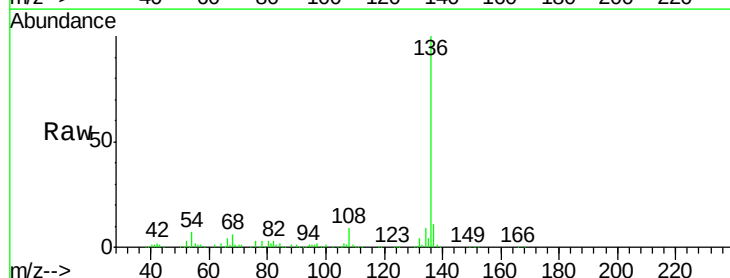
Ion Ratio Lower Upper

136 100

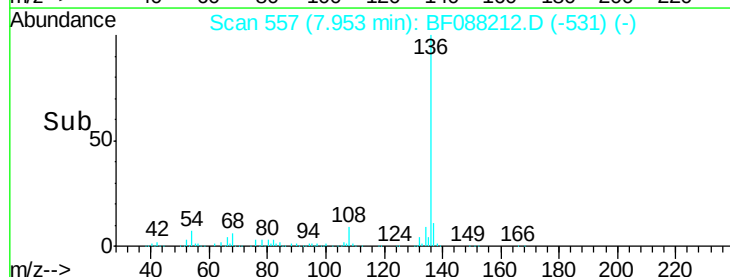
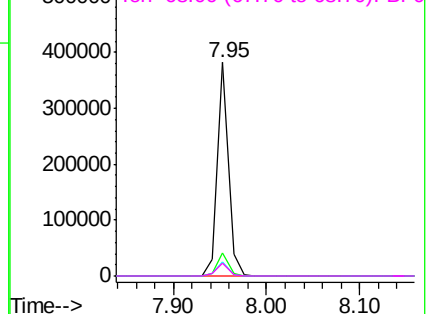
137 11.0 9.1 13.7

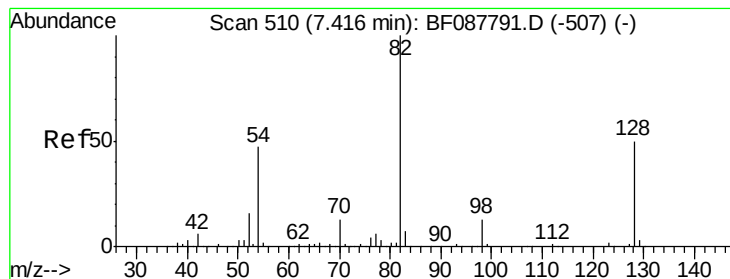
54 6.7 6.6 10.0

68 5.7 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: 60.68 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088212.D

Acq: 21 Jun 2016 11:23

Instrument :

BNA_F

ClientSampleId :

08-B6(8-16)C

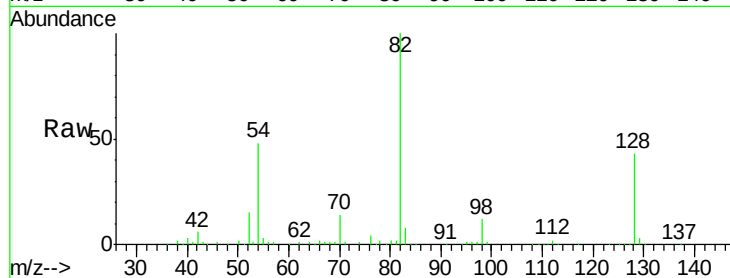
Tot Ion: 82 Resp: 325650

Ion Ratio Lower Upper

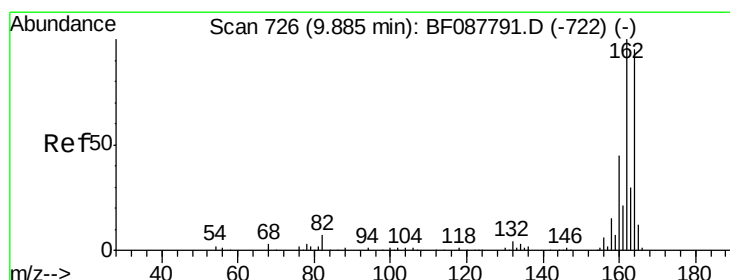
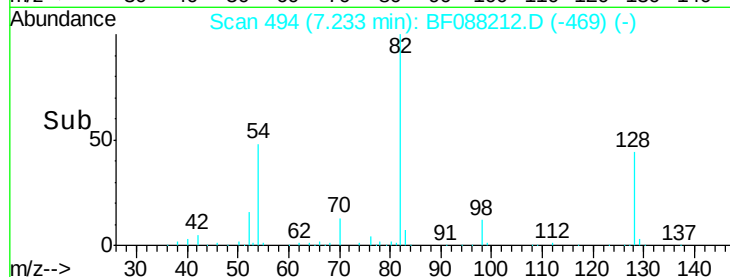
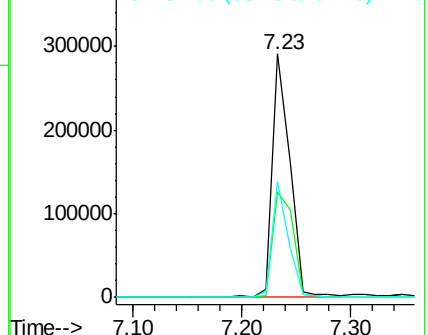
82 100

128 43.4 35.9 53.9

54 47.6 40.9 61.3



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: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088212.D

Acq: 21 Jun 2016 11:23

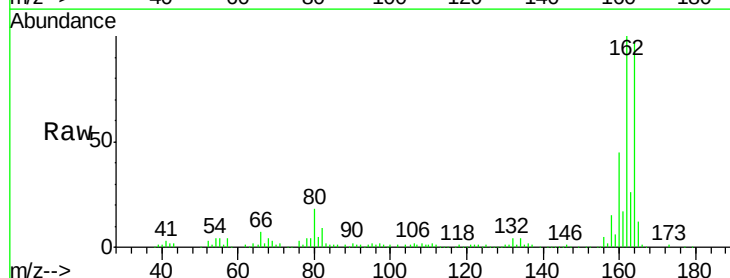
Tgt Ion:164 Resp: 134543

Ion Ratio Lower Upper

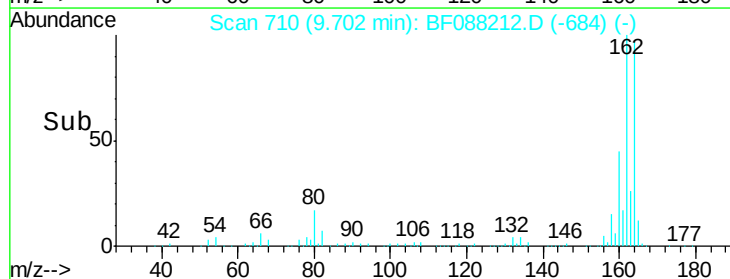
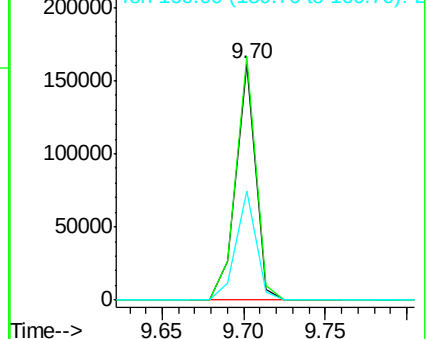
164 100

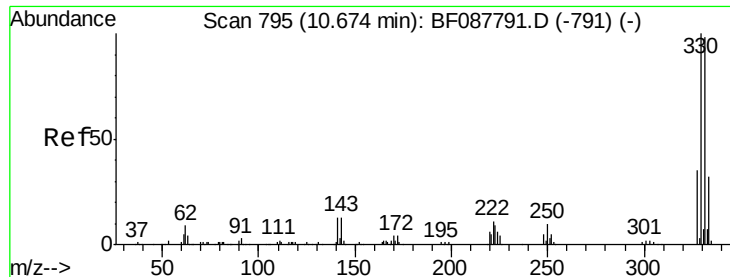
162 103.1 85.4 128.2

160 46.2 39.5 59.3



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

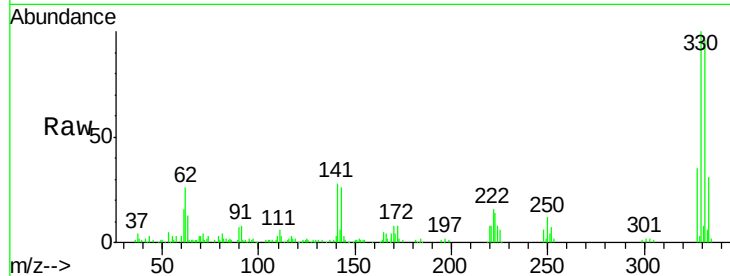




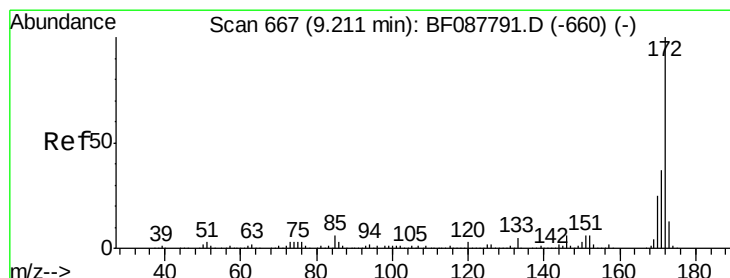
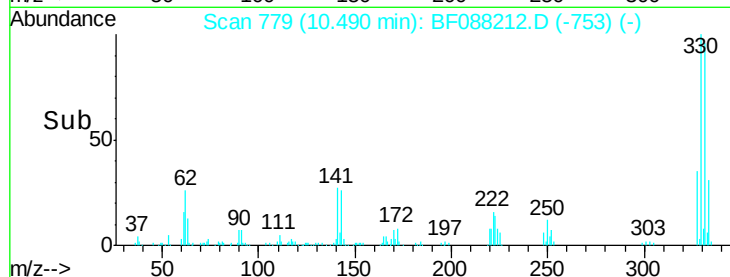
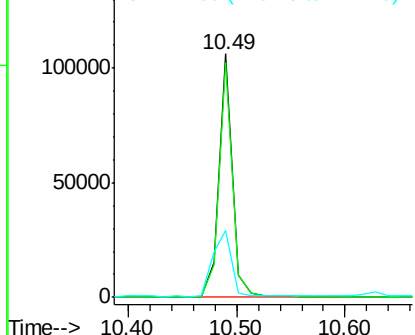
#41
 2,4,6-Tribromophenol
 Concen: 65.55 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088212.D
 Acq: 21 Jun 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :
 08-B6(8-16)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.4	0.0	0.0#

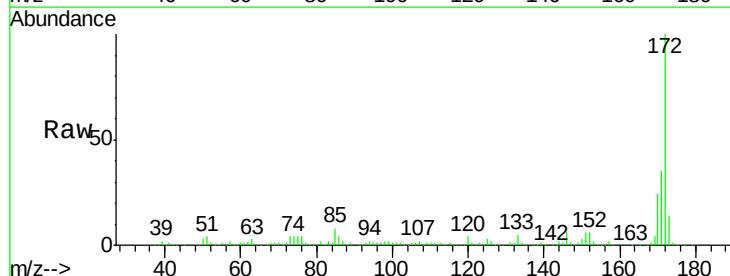


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

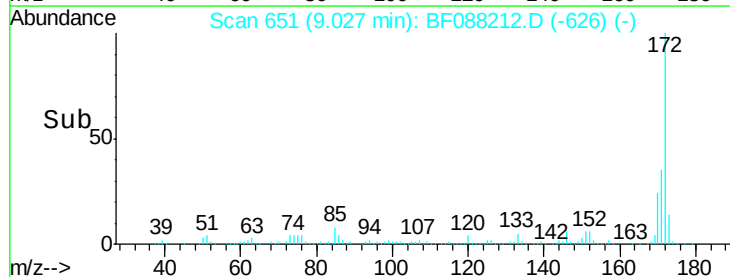
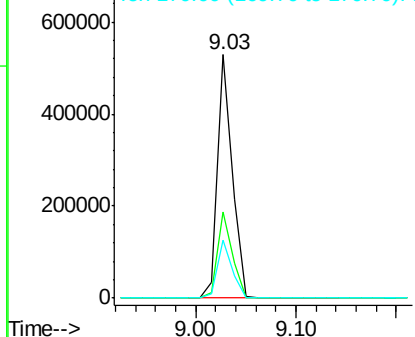


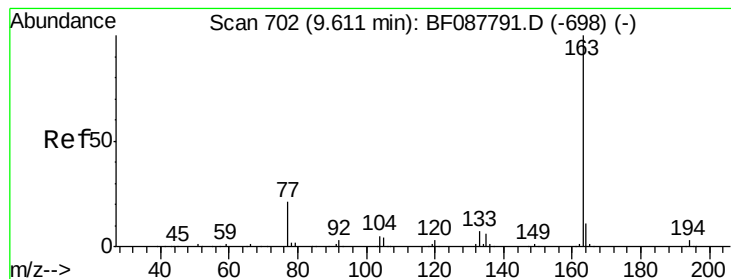
#44
 2-Fluorobiphenyl
 Concen: 61.29 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088212.D
 Acq: 21 Jun 2016 11:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.8	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: 21.79 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088212.D

Acq: 21 Jun 2016 11:23

Instrument :

BNA_F

ClientSampleId :

08-B6(8-16)C

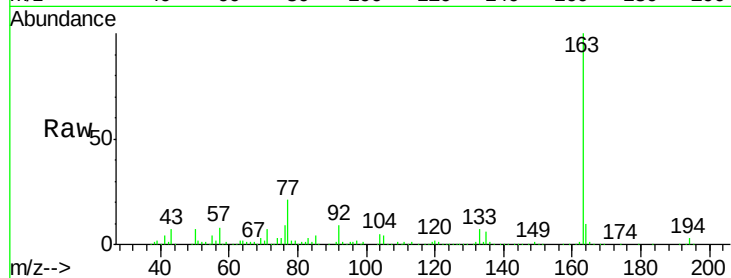
Tot Ion:163 Resp: 212398

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

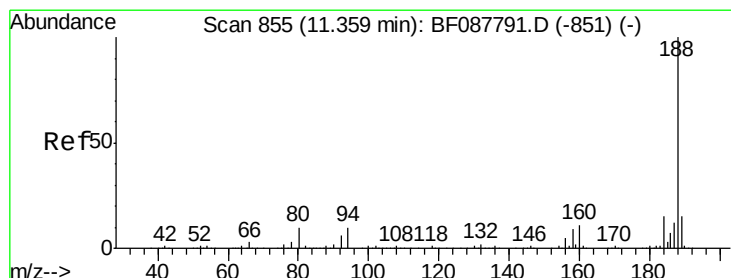
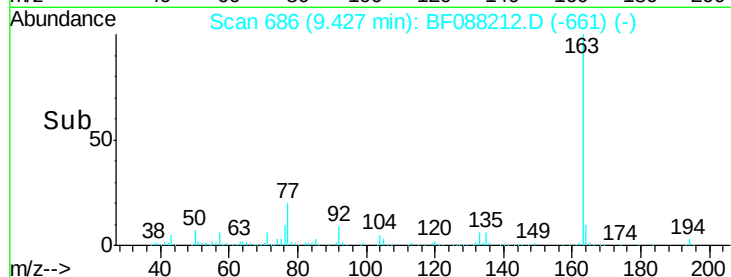
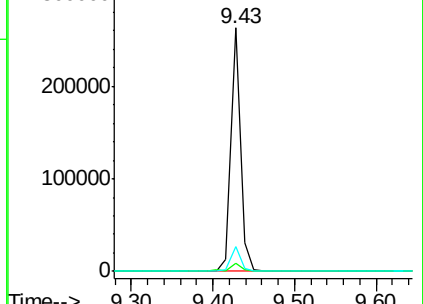
164 10.1 8.3 12.5



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: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088212.D

Acq: 21 Jun 2016 11:23

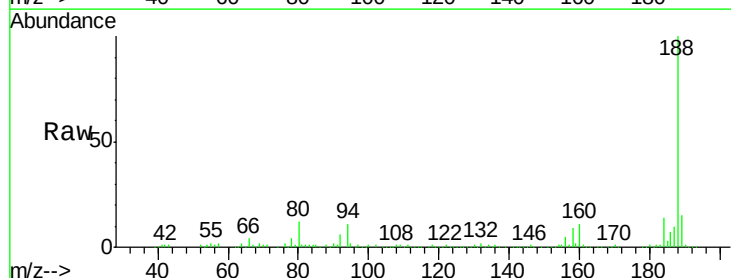
Tgt Ion:188 Resp: 195704

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

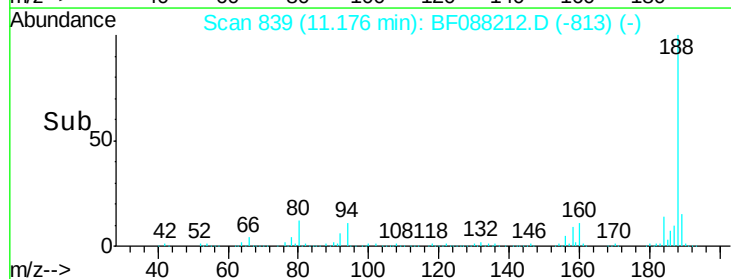
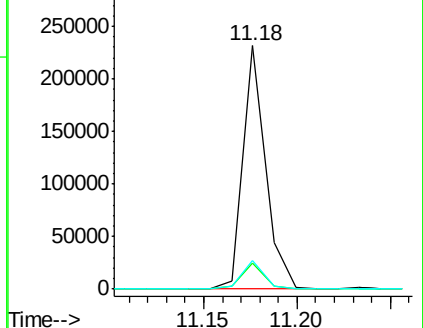
80 11.7 10.0 15.0

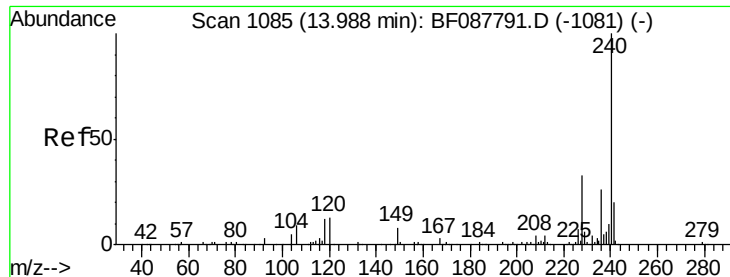


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF088212.D

Acq: 21 Jun 2016 11:23

Instrument :

BNA_F

ClientSampleId :

08-B6(8-16)C

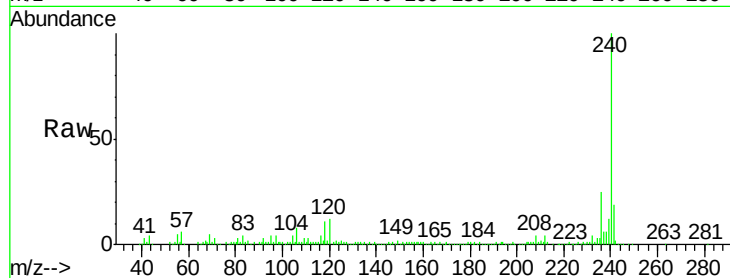
Tot Ion:240 Resp: 165278

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

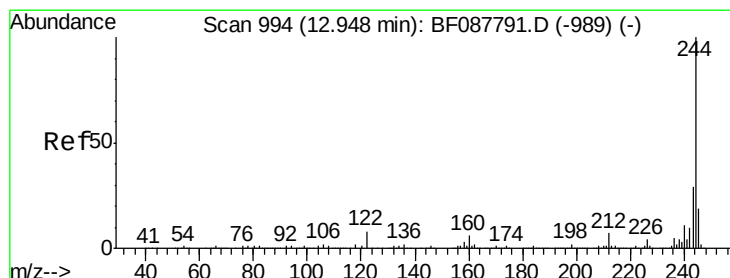
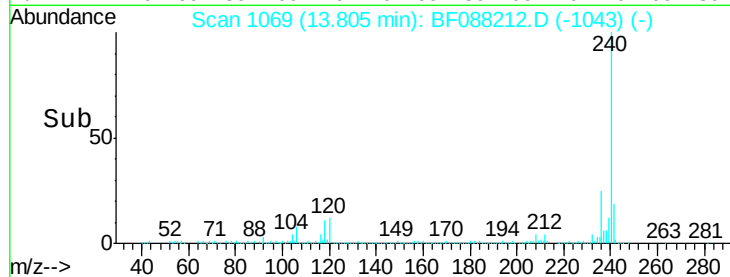
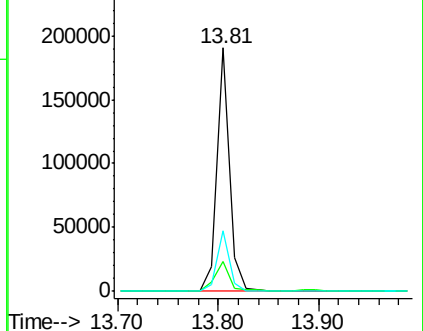
236 25.1 20.2 30.2



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: 47.01 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088212.D

Acq: 21 Jun 2016 11:23

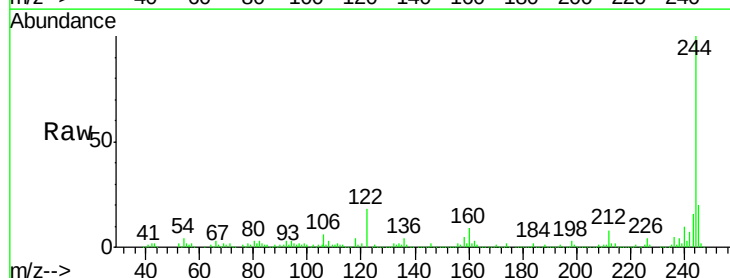
Tgt Ion:244 Resp: 341470

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

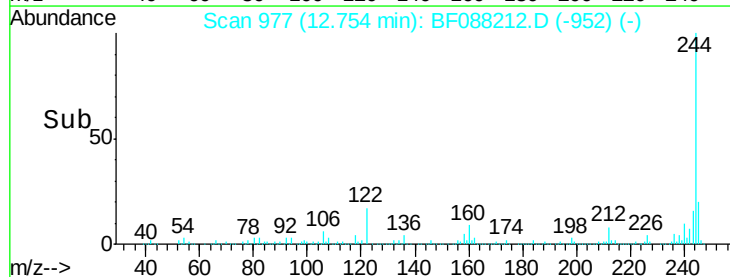
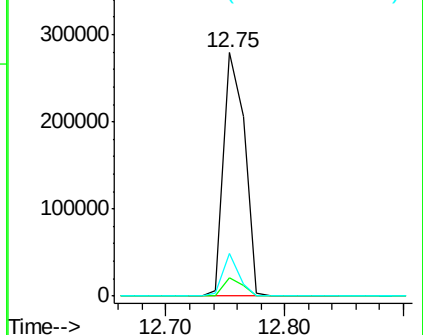
122 17.6 11.2 16.8#

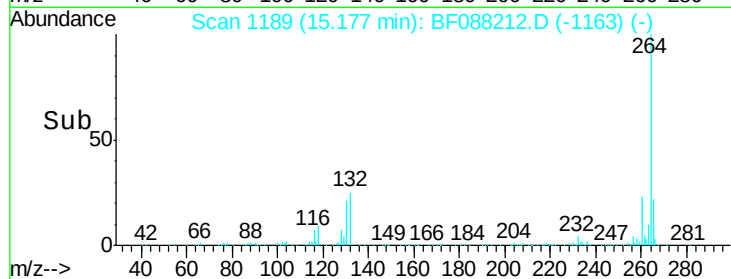
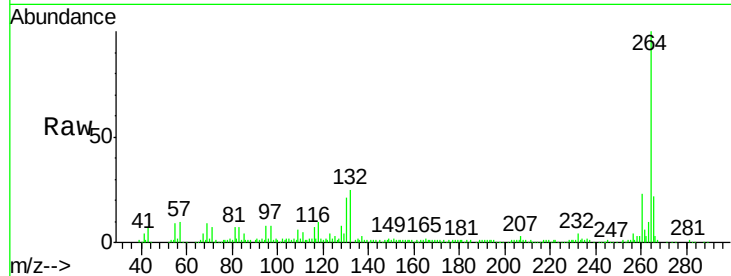
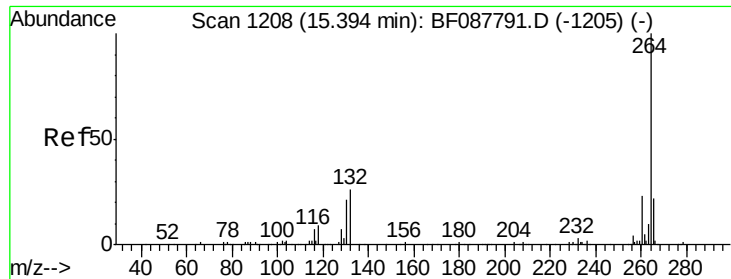


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088212.D

Acq: 21 Jun 2016 11:23

Instrument :

BNA_F

ClientSampleId :

08-B6(8-16)C

Tot Ion:264 Resp: 164100

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.0 16.9 25.3

