

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088204.D
 Acq On : 21 Jun 2016 7:32
 Operator : UM/SJ
 Sample : H3580-25
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 08-B3(0-6)C

Quant Time: Jun 21 08:07:38 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

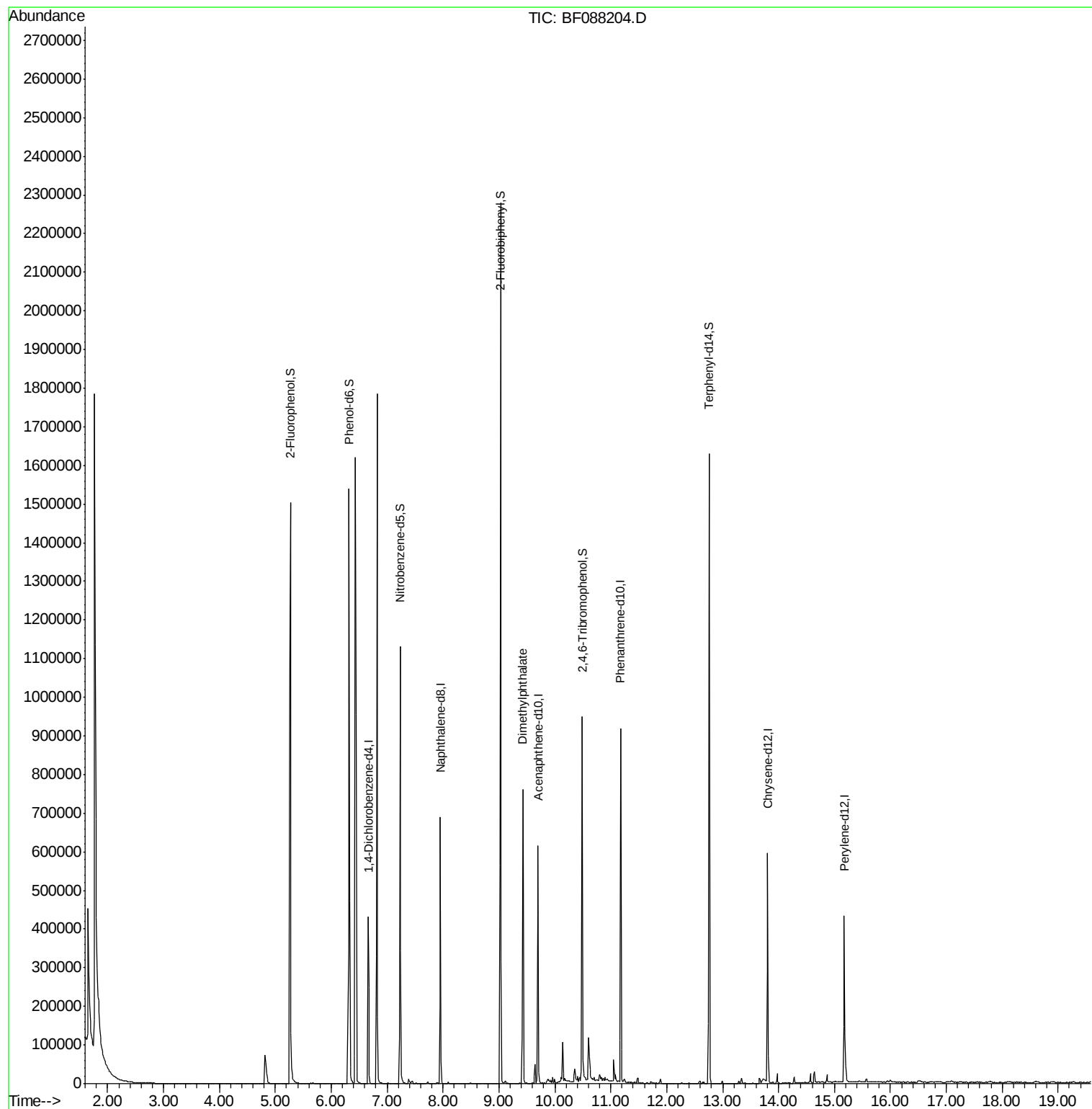
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	86090	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	347246	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	162591	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	310952	20.00	ng	0.00
75) Chrysene-d12	13.81	240	240289	20.00	ng	0.00
86) Perylene-d12	15.18	264	186615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	620498	123.22	ng	0.01
7) Phenol-d6	6.32	99	652476	106.91	ng	-0.01
23) Nitrobenzene-d5	7.23	82	400415	67.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	176154	102.61	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	751050	71.70	ng	-0.01
78) Terphenyl-d14	12.75	244	738388	69.93	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.43	163	304295	25.84	ng	100

(#) = 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: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

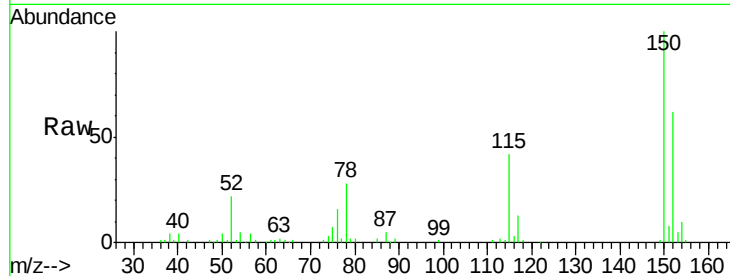
Tot Ion:152 Resp: 86090

Ion Ratio Lower Upper

152 100

150 160.9 123.8 185.6

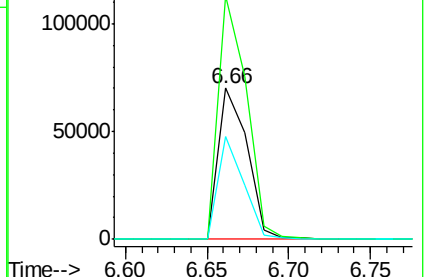
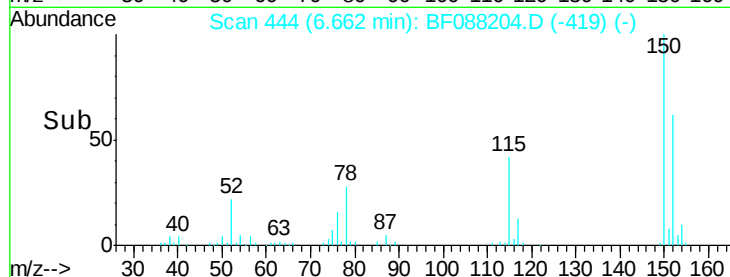
115 68.3 39.6 59.4#



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: 123.22 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

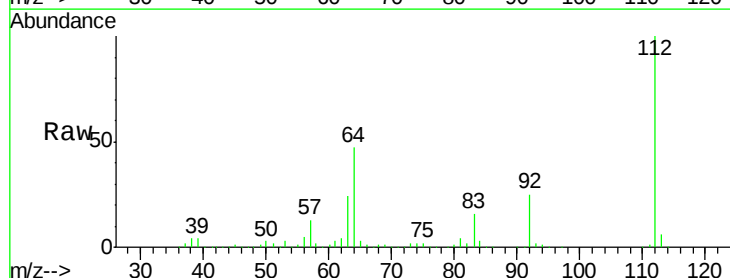
Tgt Ion:112 Resp: 620498

Ion Ratio Lower Upper

112 100

64 46.8 42.2 63.2

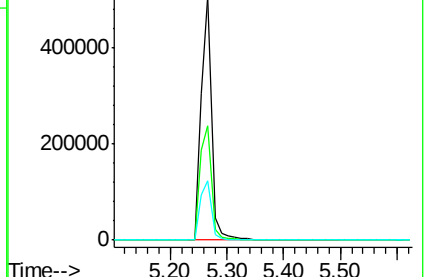
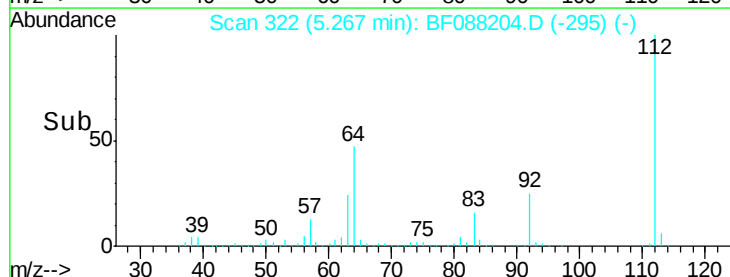
63 24.1 21.8 32.8



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: 106.91 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

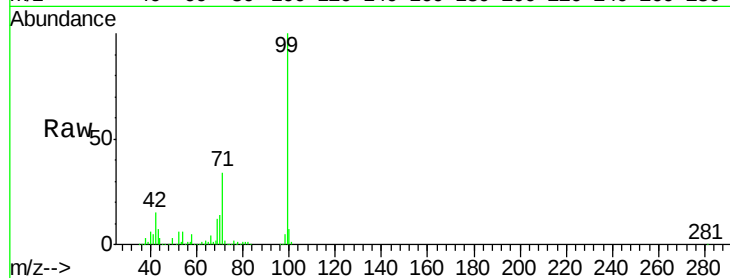
Tot Ion: 99 Resp: 652476

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

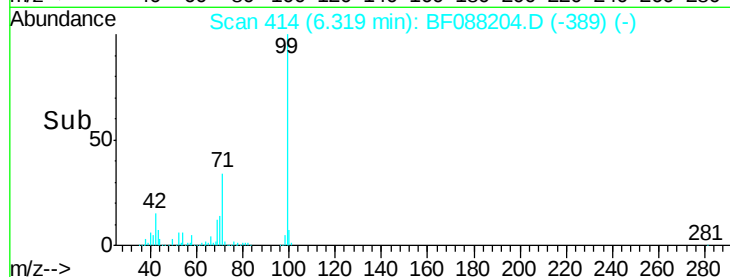
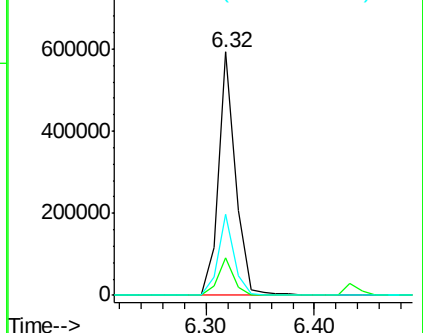
71 33.5 23.4 35.0



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: BF088204.D

Acq: 21 Jun 2016 7:32

Tgt Ion: 136 Resp: 347246

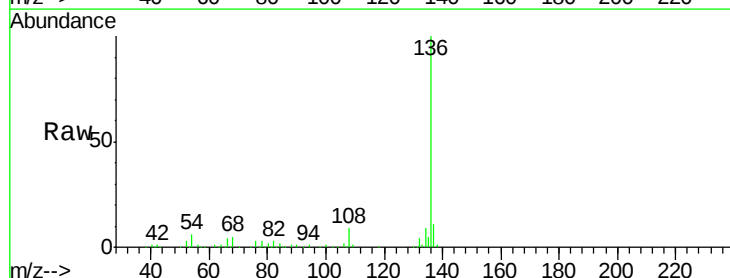
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.7 6.6 10.0#

68 5.1 5.1 7.7#

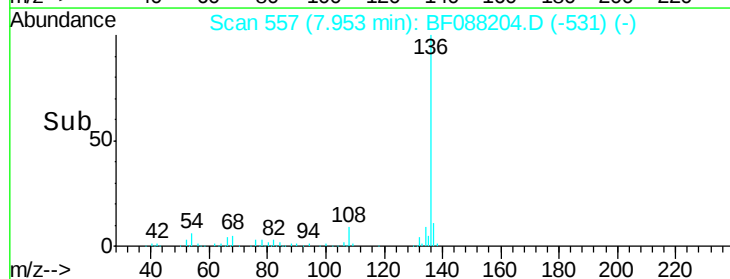
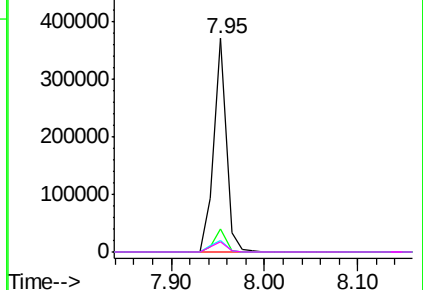


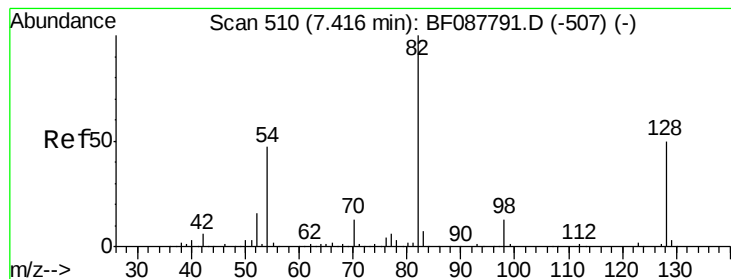
Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.34 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

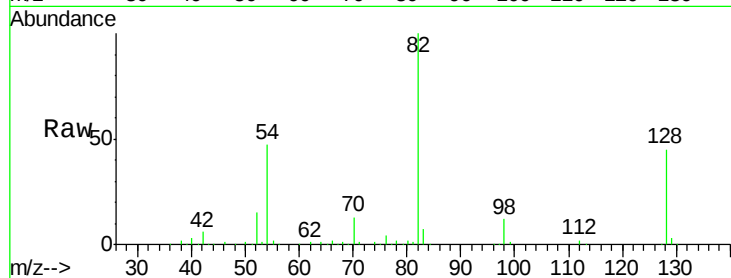
Tot Ion: 82 Resp: 400415

Ion Ratio Lower Upper

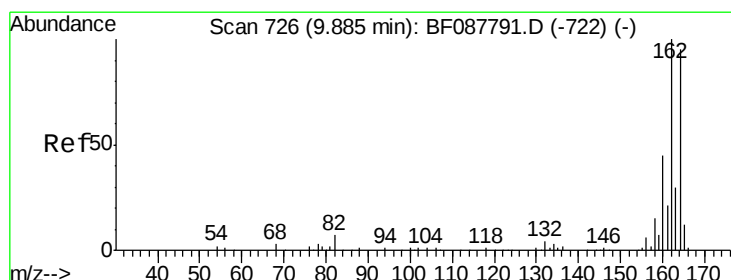
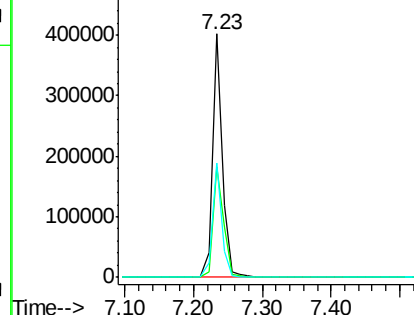
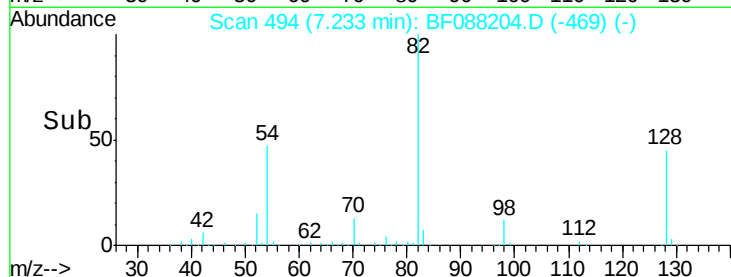
82 100

128 45.3 35.9 53.9

54 47.1 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: BF088204.D

Acq: 21 Jun 2016 7:32

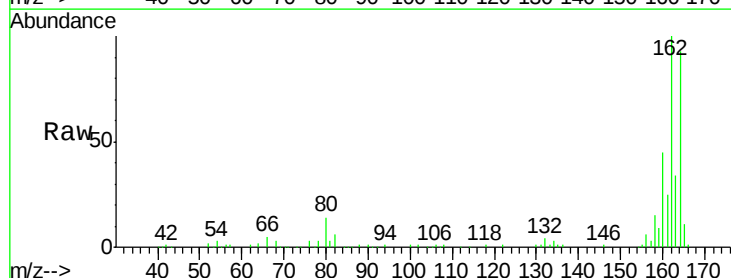
Tgt Ion:164 Resp: 162591

Ion Ratio Lower Upper

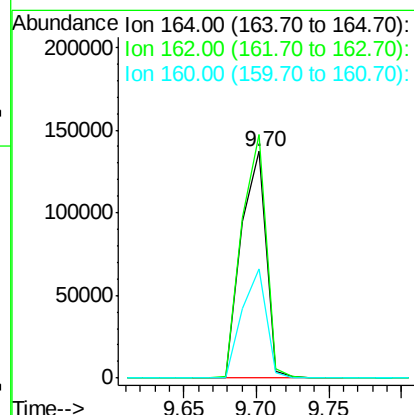
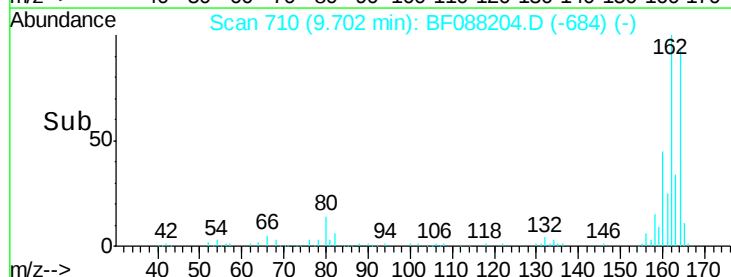
164 100

162 107.5 85.4 128.2

160 48.1 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: 102.61 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

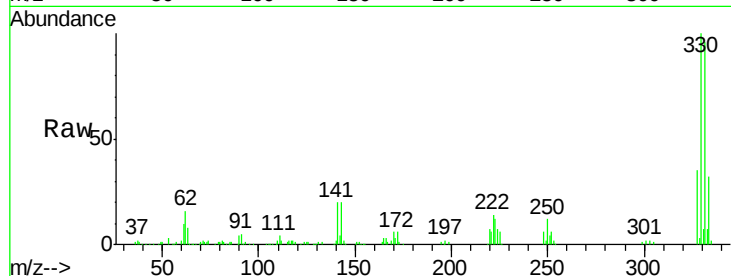
Tot Ion:330 Resp: 176154

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

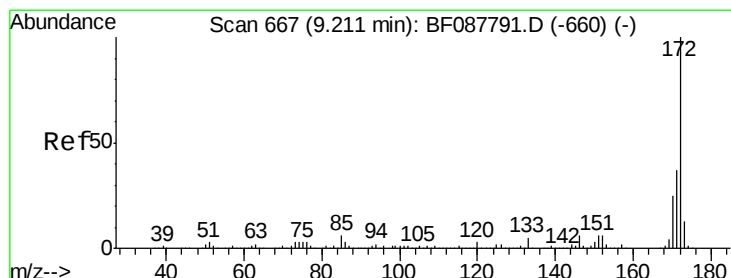
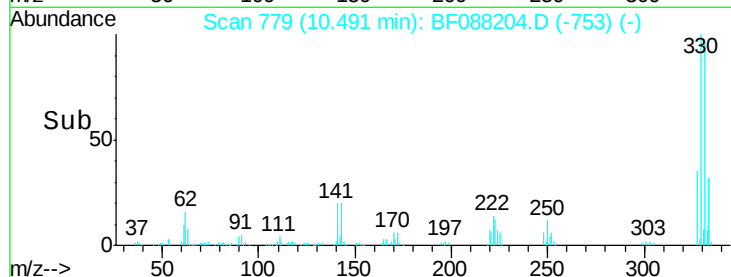
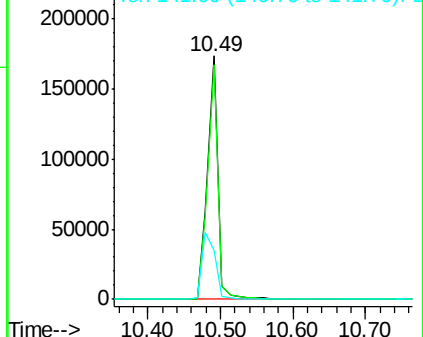
141 34.9 0.0 0.0#



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: 71.70 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

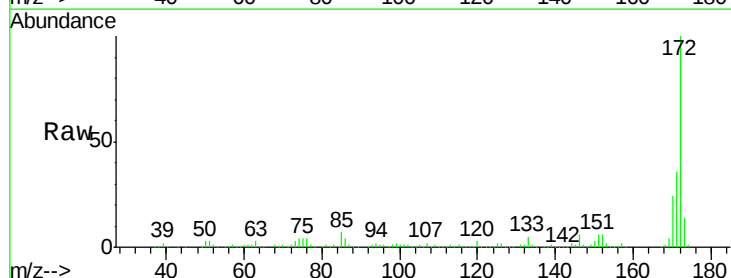
Tgt Ion:172 Resp: 751050

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

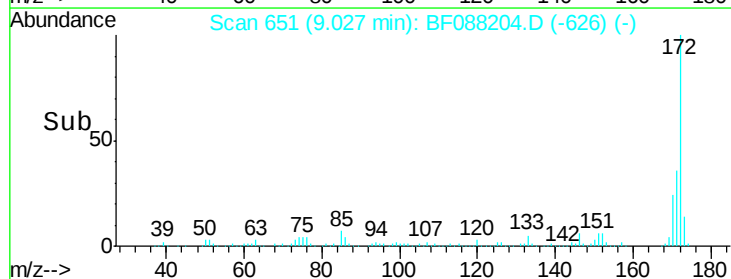
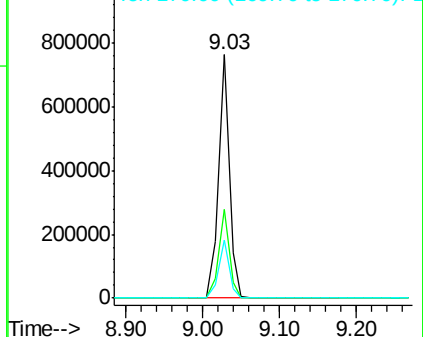
170 24.1 19.2 28.8

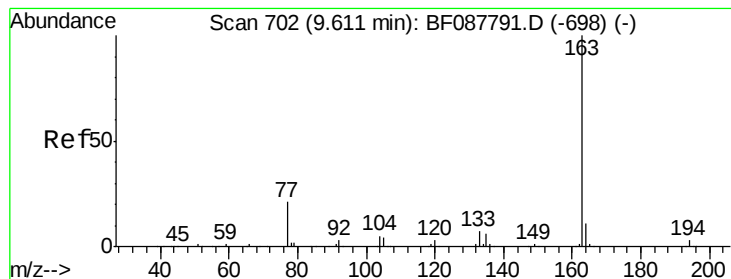


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 25.84 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

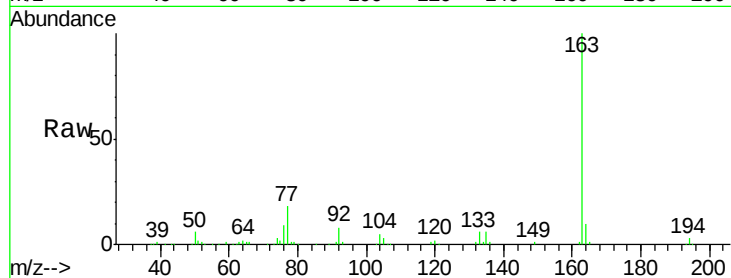
Tot Ion:163 Resp: 304295

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

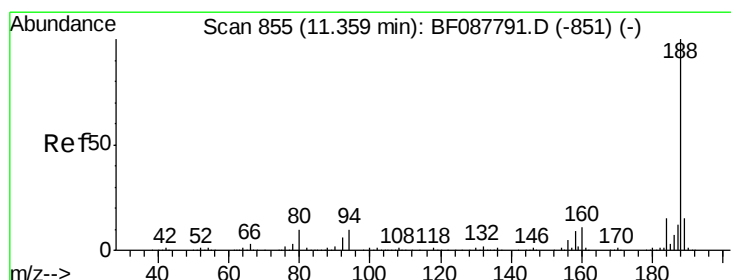
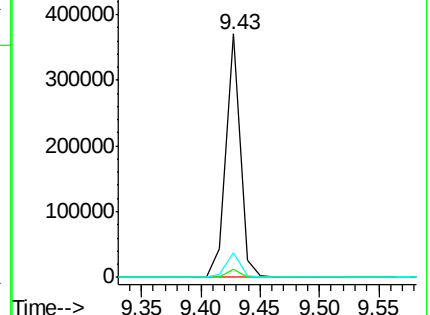
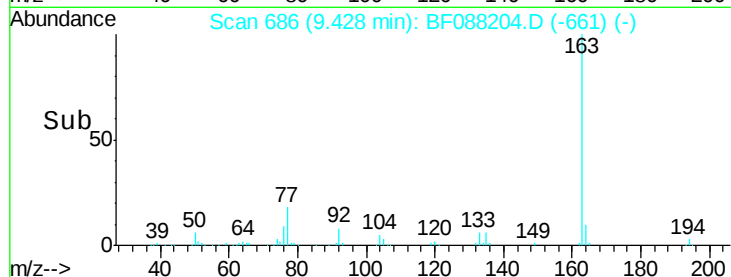
164 10.3 8.3 12.5



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: BF088204.D

Acq: 21 Jun 2016 7:32

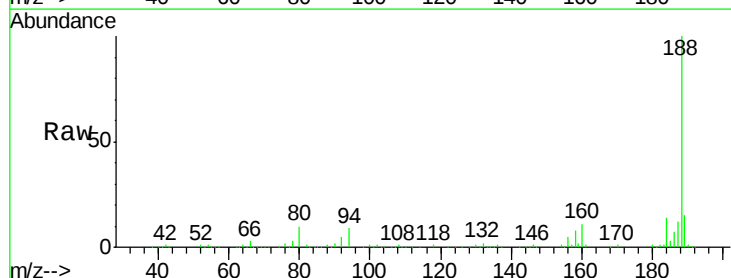
Tgt Ion:188 Resp: 310952

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.6

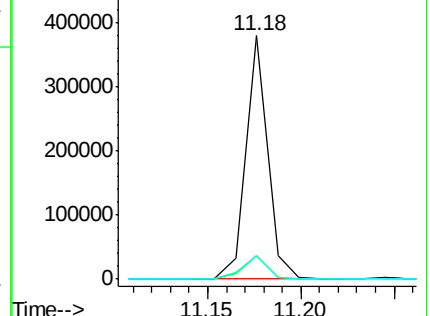
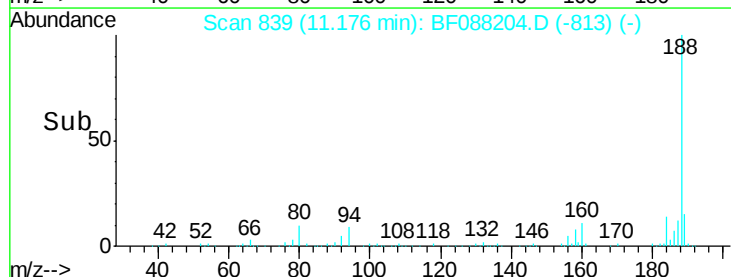
80 9.6 10.0 15.0#



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: BF088204.D

Acq: 21 Jun 2016 7:32

Instrument :

BNA_F

ClientSampleId :

08-B3(0-6)C

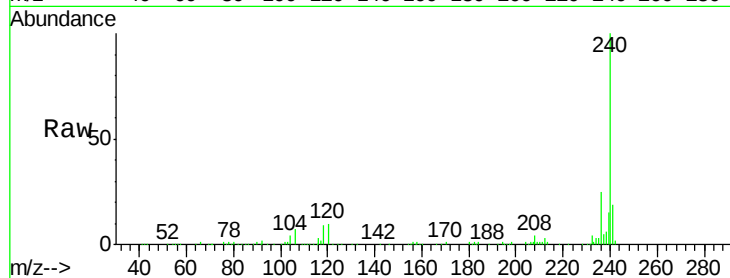
Tot Ion:240 Resp: 240289

Ion Ratio Lower Upper

240 100

120 10.2 6.8 10.2#

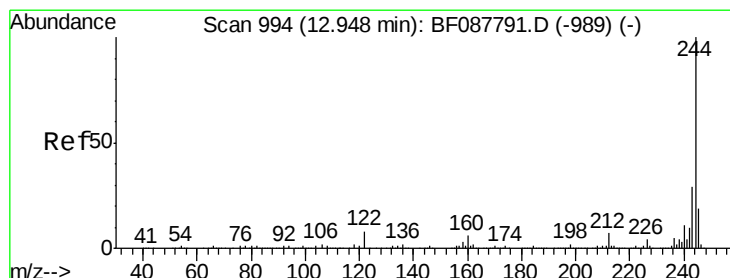
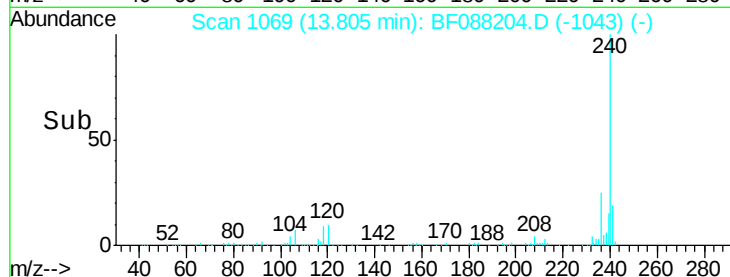
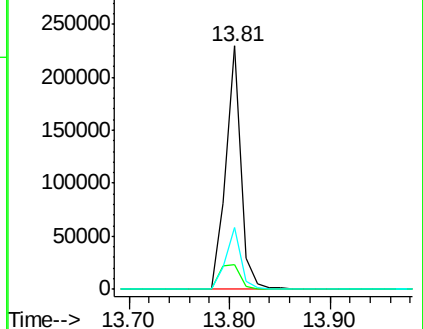
236 25.4 20.2 30.2



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: 69.93 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088204.D

Acq: 21 Jun 2016 7:32

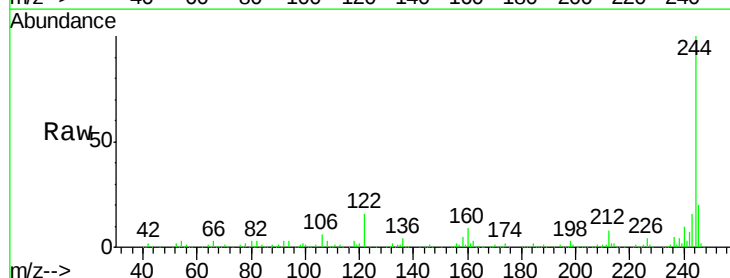
Tgt Ion:244 Resp: 738388

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

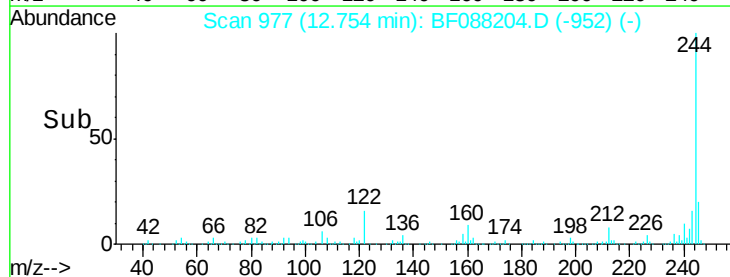
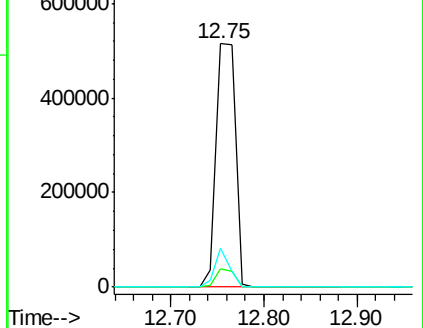
122 16.2 11.2 16.8

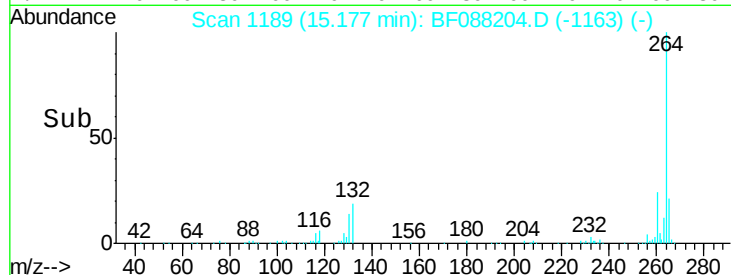
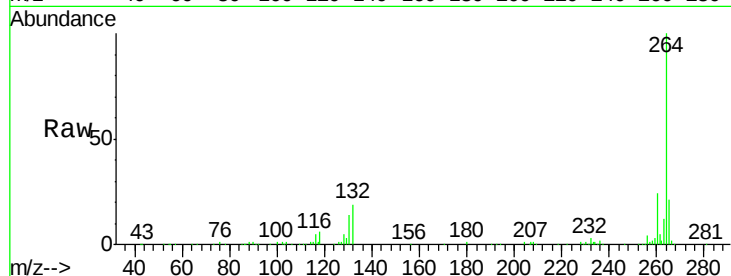
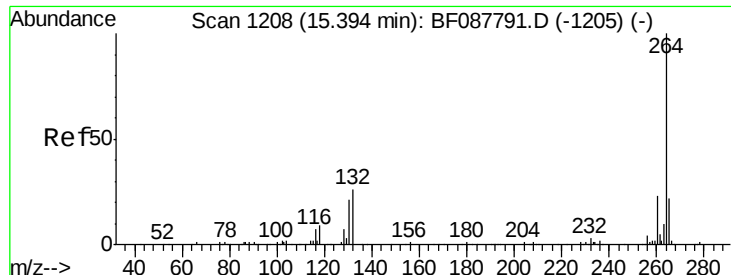


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088204.D
 Acq: 21 Jun 2016 7:32

Instrument :
 BNA_F
 ClientSampleId :
 08-B3(0-6)C

Tot Ion:	264	Resp:	186615
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3

