

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088723.D
 Acq On : 6 Jul 2016 1:05
 Operator : UM/SJ
 Sample : H3881-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B4-6-12-C

Quant Time: Jul 06 02:25:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

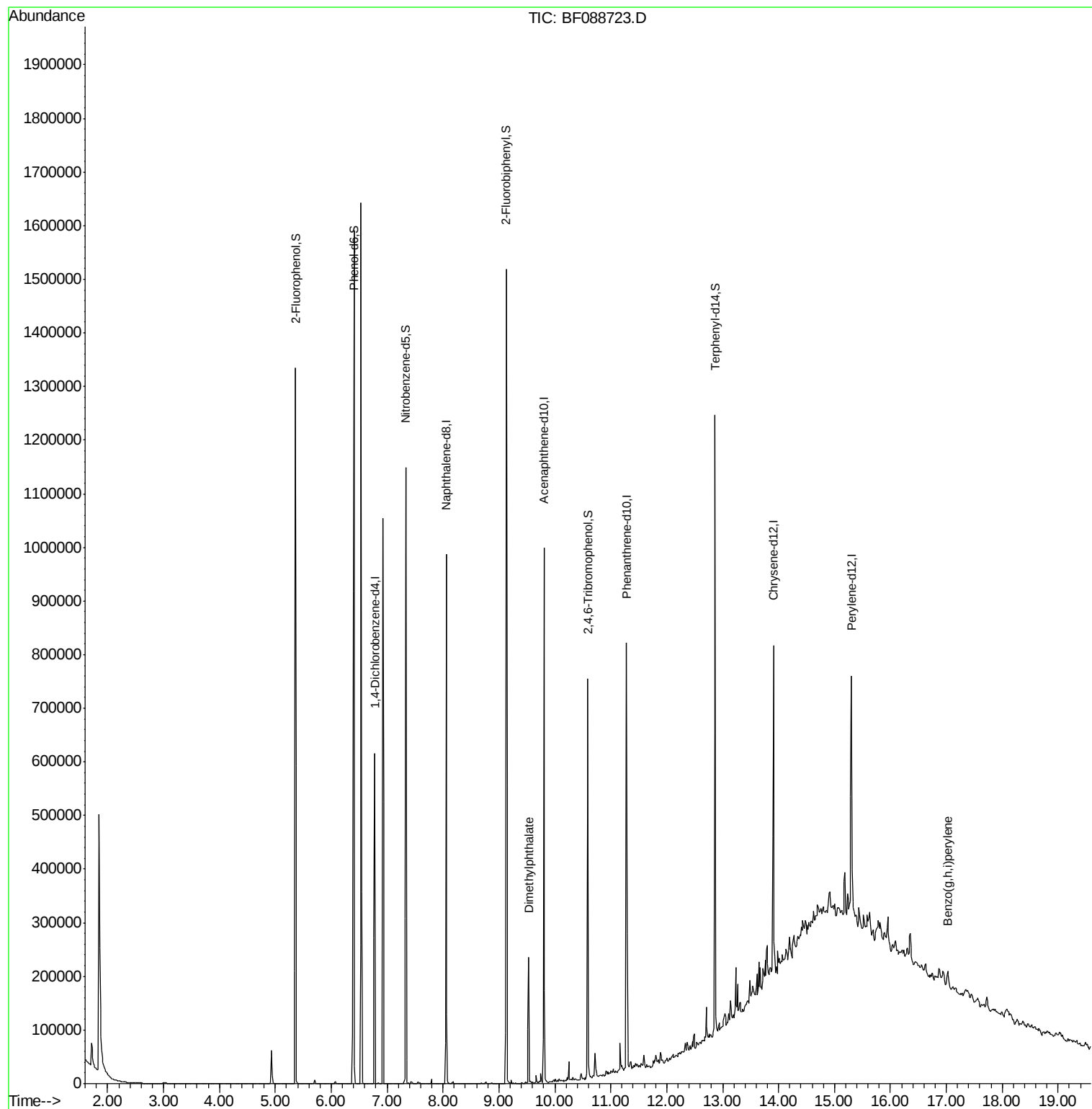
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	103520	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	399711	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	176981	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	285217	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	202675	20.00	ng	-0.01
86) Perylene-d12	15.30	264	193281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	441019	63.85	ng	-0.01
7) Phenol-d6	6.41	99	666791	74.71	ng	0.00
23) Nitrobenzene-d5	7.34	82	371089	48.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	114818	69.86	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	510703	45.58	ng	-0.01
78) Terphenyl-d14	12.87	244	389003	42.75	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	108134	8.58	ng	98
91) Benzo(g,h,i)perylene	17.03	276	25216	2.84	ng	93

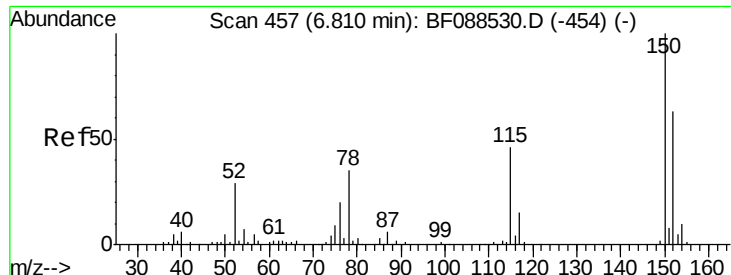
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088723.D

Acq: 6 Jul 2016 1:05

Instrument :

BNA_F

ClientSampleId :

Q6-B4-6-12-C

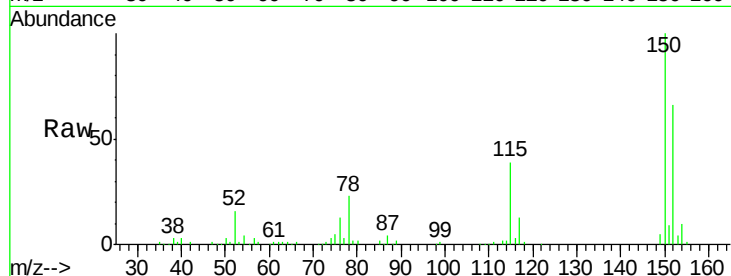
Tot Ion:152 Resp: 103520

Ion Ratio Lower Upper

152 100

150 151.8 123.8 185.6

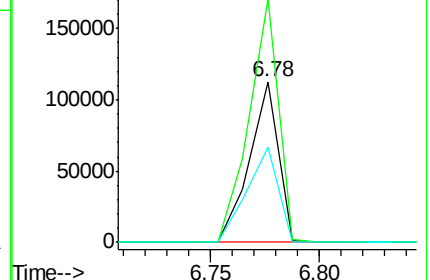
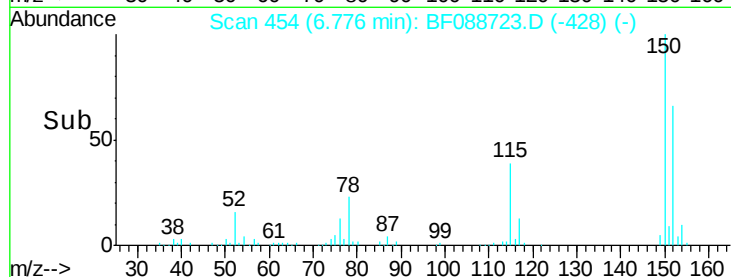
115 59.4 39.6 59.4



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: 63.85 ng

RT: 5.36 min Scan# 330

Delta R.T. -0.01 min

Lab File: BF088723.D

Acq: 6 Jul 2016 1:05

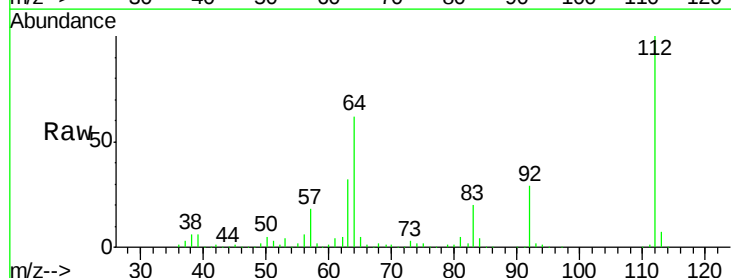
Tgt Ion:112 Resp: 441019

Ion Ratio Lower Upper

112 100

64 62.0 42.2 63.2

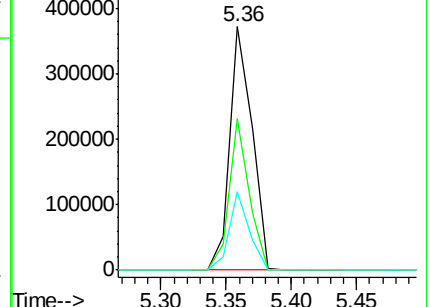
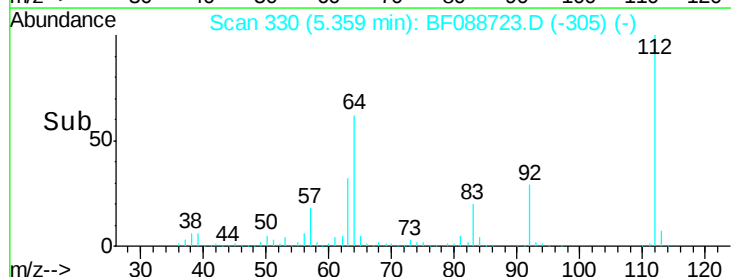
63 32.2 21.8 32.8



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: 74.71 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088723.D

Acq: 6 Jul 2016 1:05

Instrument :

BNA_F

ClientSampleId :

Q6-B4-6-12-C

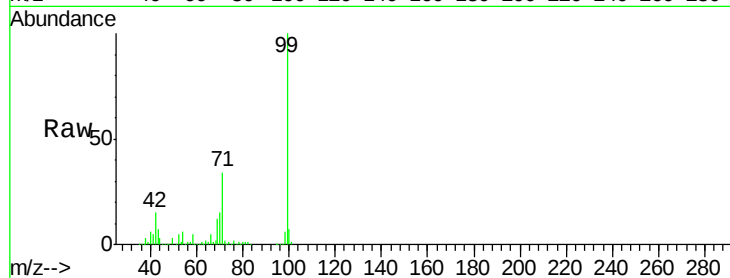
Tot Ion: 99 Resp: 666791

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

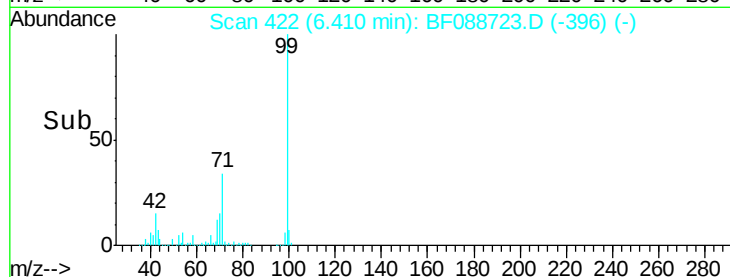
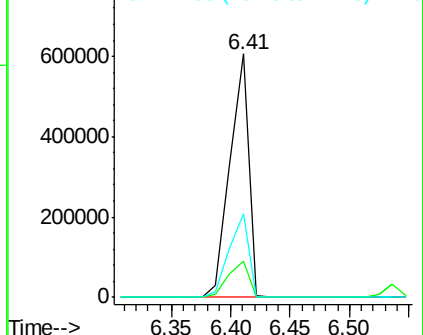
71 34.2 23.4 35.0



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: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088723.D

Acq: 6 Jul 2016 1:05

Tgt Ion: 136 Resp: 399711

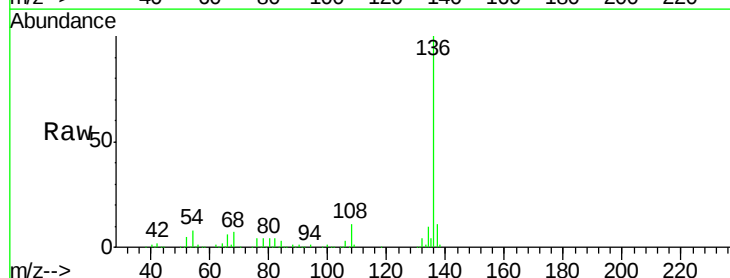
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 6.6 10.0

68 6.9 5.1 7.7

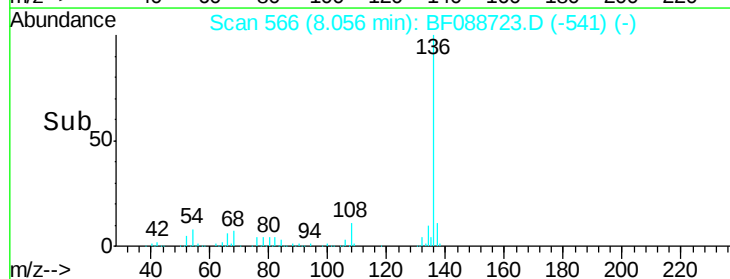
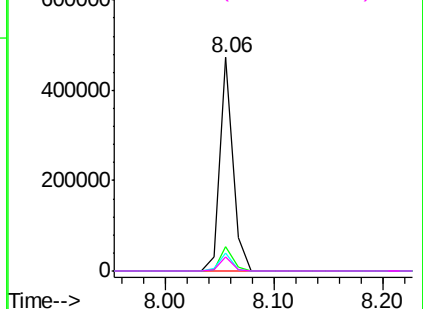


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.65 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF088723.D

Acq: 6 Jul 2016 1:05

Instrument :

BNA_F

ClientSampled :

Q6-B4-6-12-C

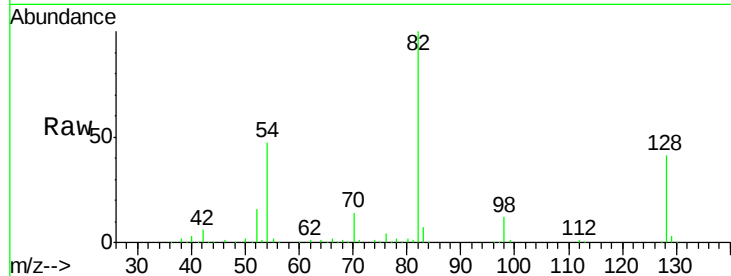
Tot Ion: 82 Resp: 371089

Ion Ratio Lower Upper

82 100

128 40.9 35.9 53.9

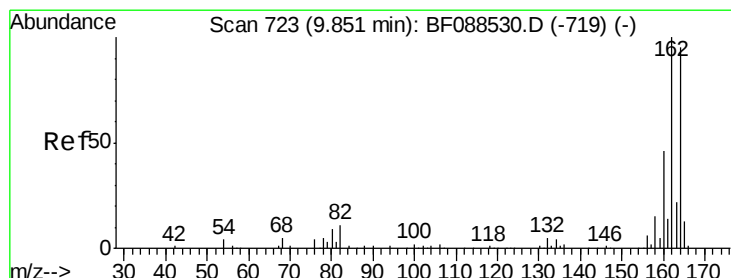
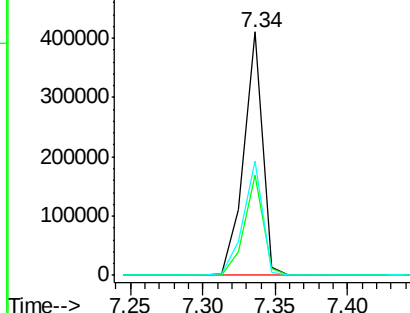
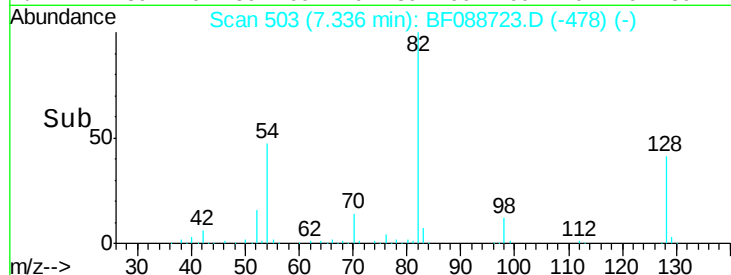
54 47.1 40.9 61.3



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: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF088723.D

Acq: 6 Jul 2016 1:05

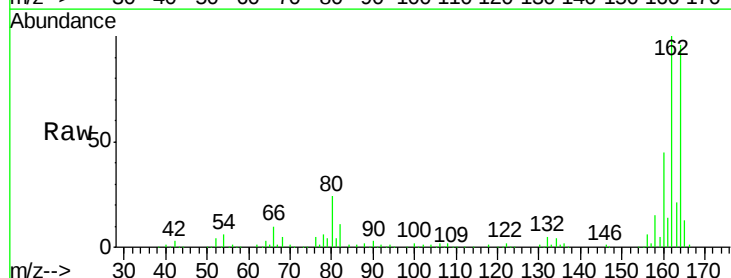
Tgt Ion: 164 Resp: 176981

Ion Ratio Lower Upper

164 100

162 104.1 85.4 128.2

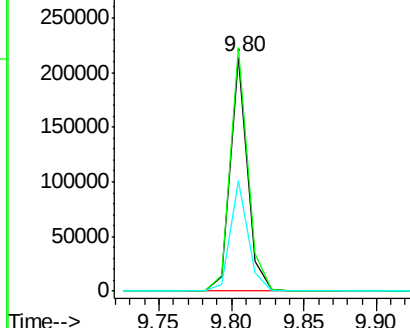
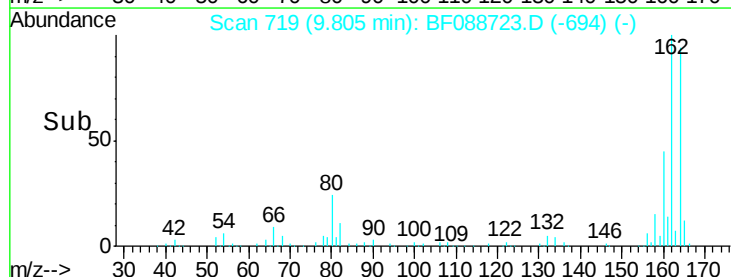
160 47.2 39.5 59.3

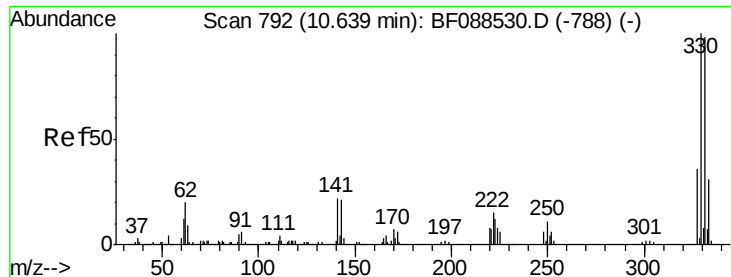


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

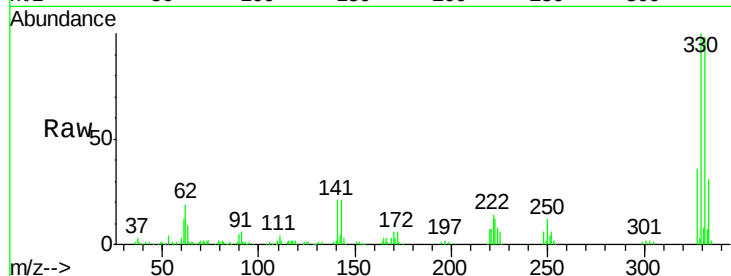




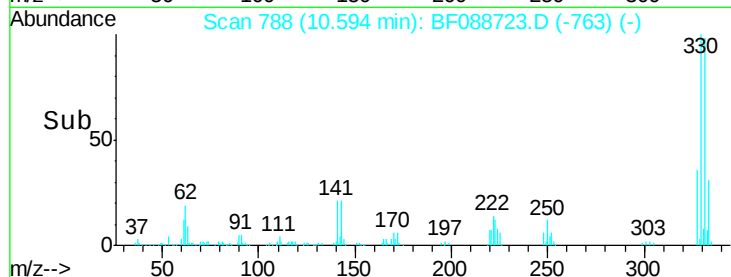
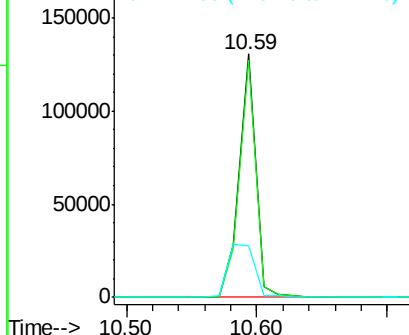
#41
 2,4,6-Tribromophenol
 Concen: 69.86 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088723.D
 Acq: 6 Jul 2016 1:05

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B4-6-12-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	35.5	0.0	0.0#

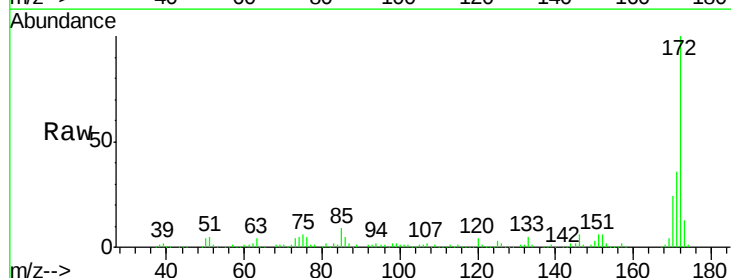


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

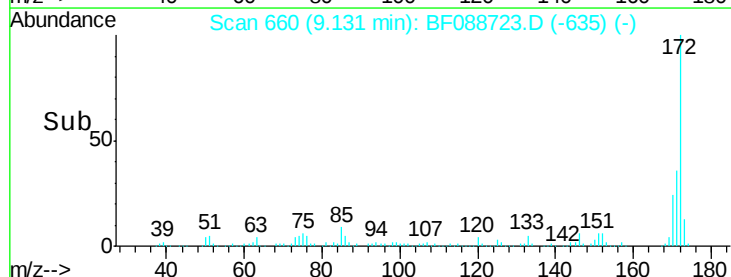
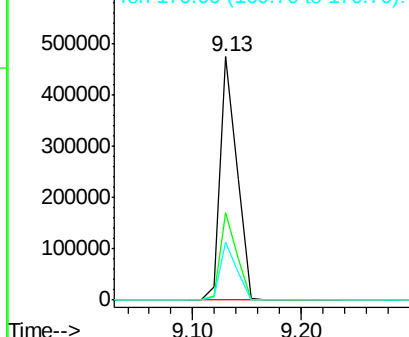


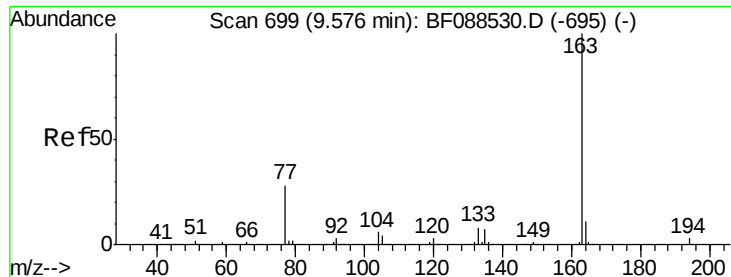
#44
 2-Fluorobiphenyl
 Concen: 45.58 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF088723.D
 Acq: 6 Jul 2016 1:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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: 8.58 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF088723.D

Acq: 6 Jul 2016 1:05

Instrument :

BNA_F

ClientSampleId :

Q6-B4-6-12-C

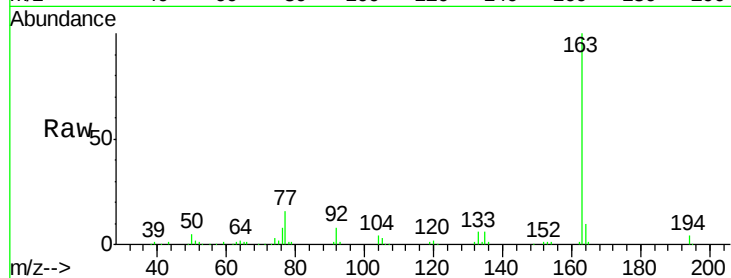
Tot Ion:163 Resp: 108134

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

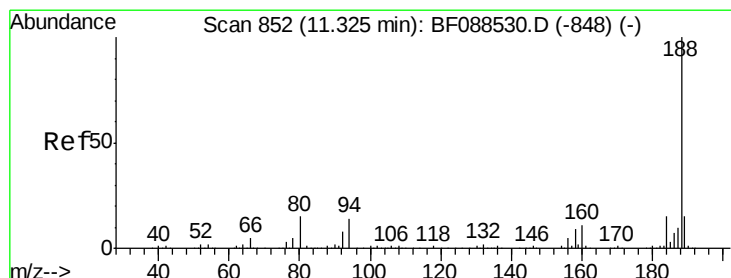
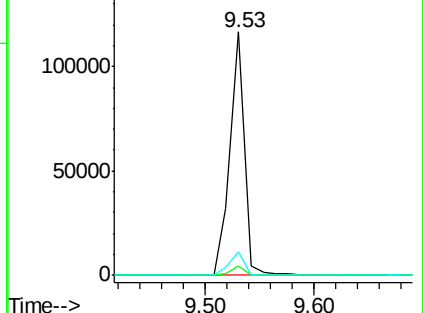
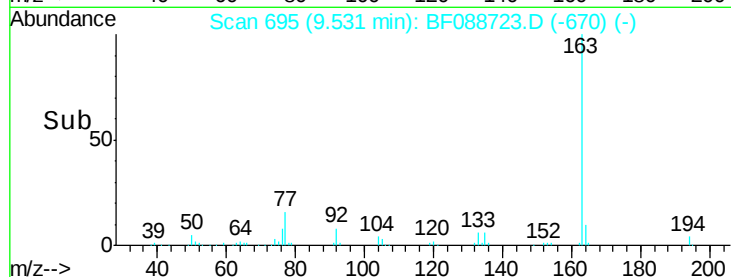
164 9.6 8.3 12.5



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: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF088723.D

Acq: 6 Jul 2016 1:05

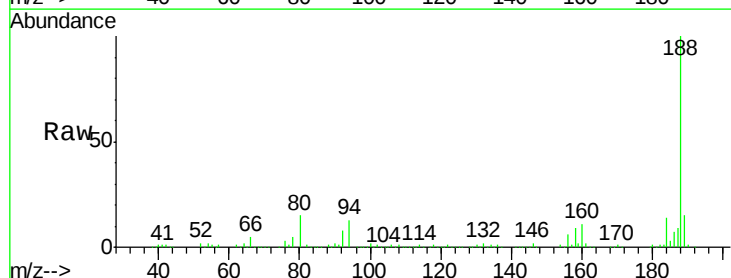
Tgt Ion:188 Resp: 285217

Ion Ratio Lower Upper

188 100

94 12.9 9.0 13.6

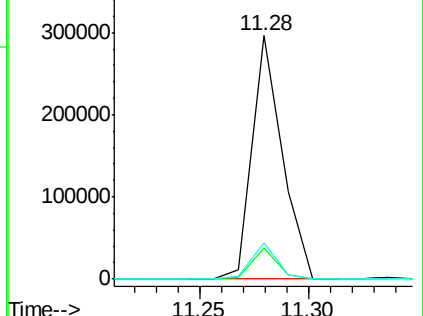
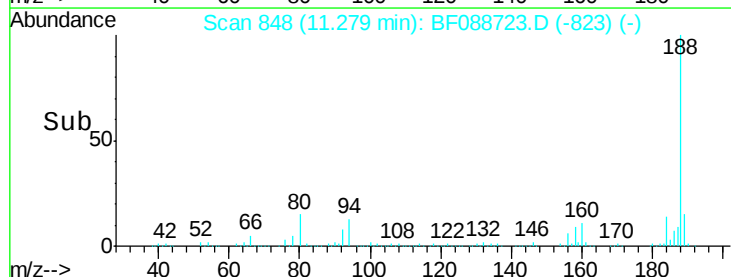
80 15.0 10.0 15.0#

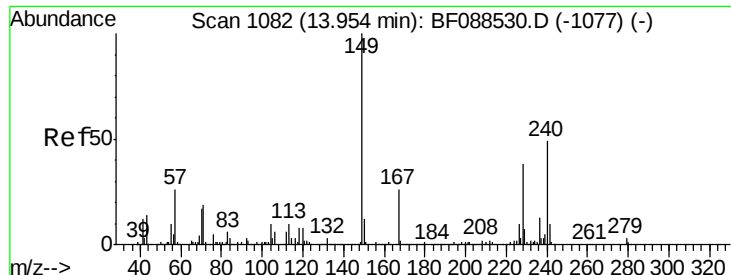


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088723.D

Acq: 6 Jul 2016 1:05

Instrument :

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ClientSampleId :

Q6-B4-6-12-C

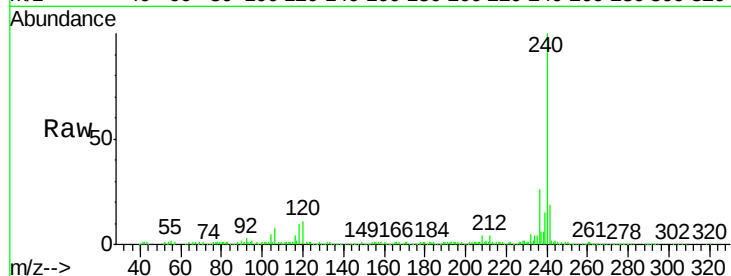
Tot Ion:240 Resp: 202675

Ion Ratio Lower Upper

240 100

120 11.0 6.8 10.2#

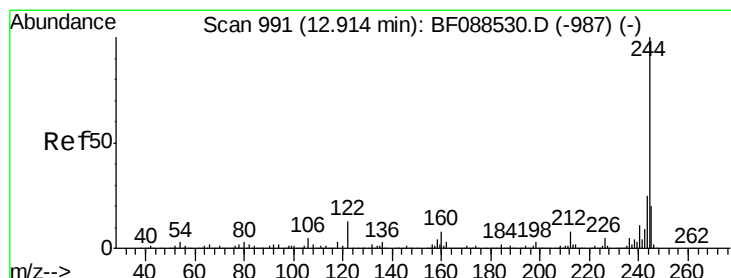
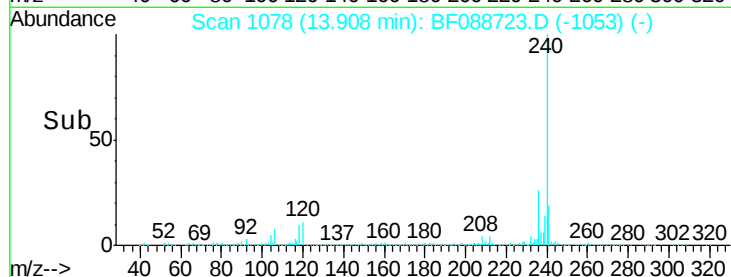
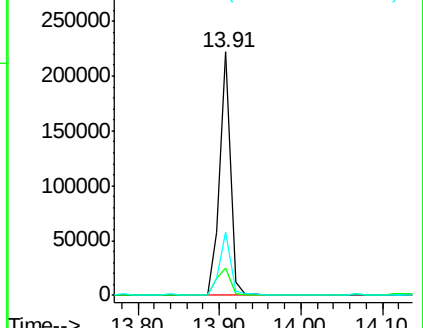
236 25.9 20.2 30.2



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: 42.75 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088723.D

Acq: 6 Jul 2016 1:05

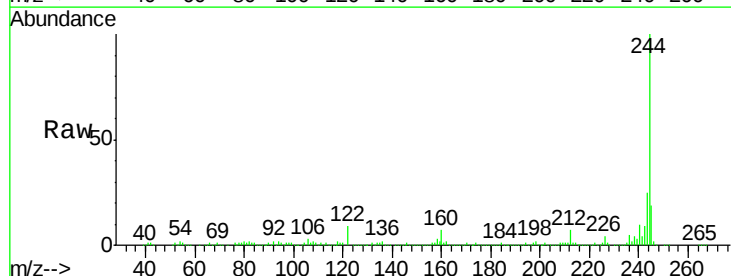
Tgt Ion:244 Resp: 389003

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

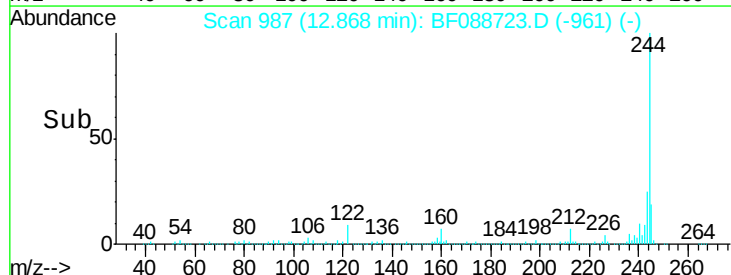
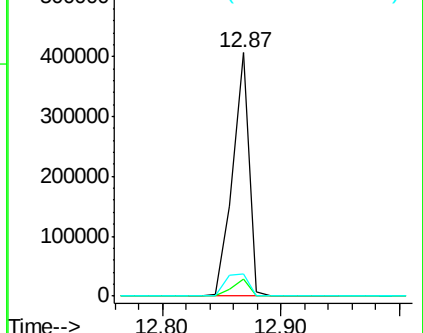
122 9.1 11.2 16.8#

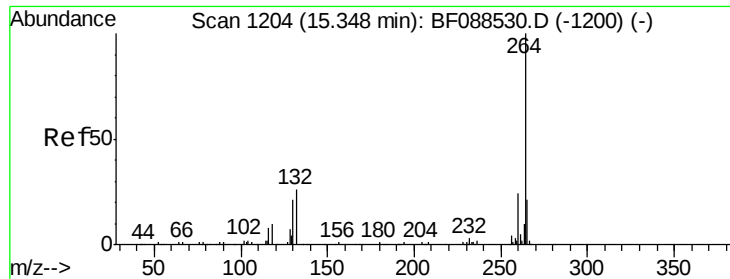


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



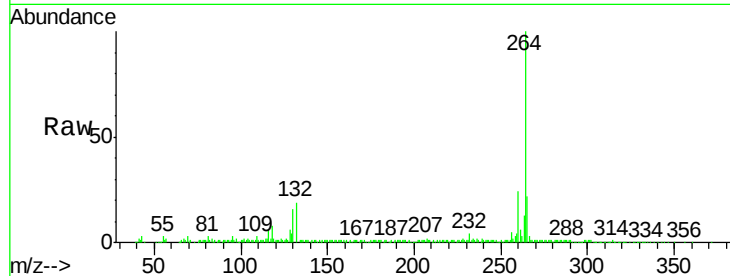


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

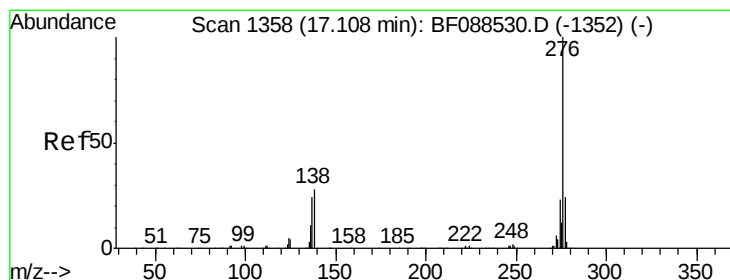
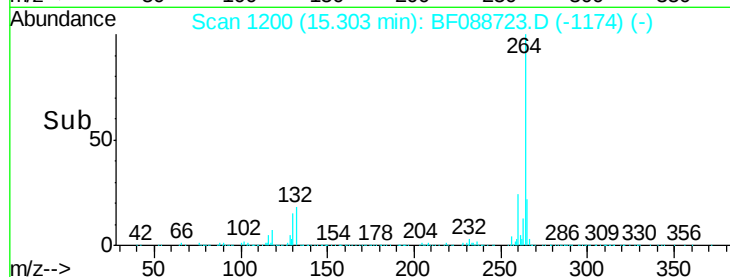
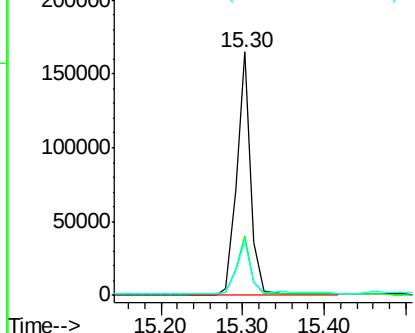
Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tot Ion:264 Resp: 193281

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	16.9	25.3



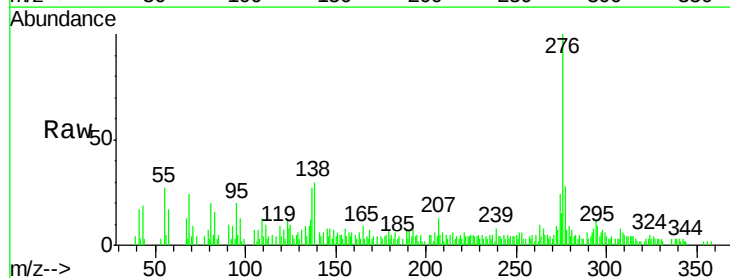
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.84 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion:276 Resp: 25216

Ion	Ratio	Lower	Upper
276	100		
277	28.0	18.9	28.3
138	29.8	21.4	32.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

