

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088720.D
 Acq On : 5 Jul 2016 23:37
 Operator : UM/SJ
 Sample : H3769-04RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(13-15)RE

Quant Time: Jul 06 02:17:57 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

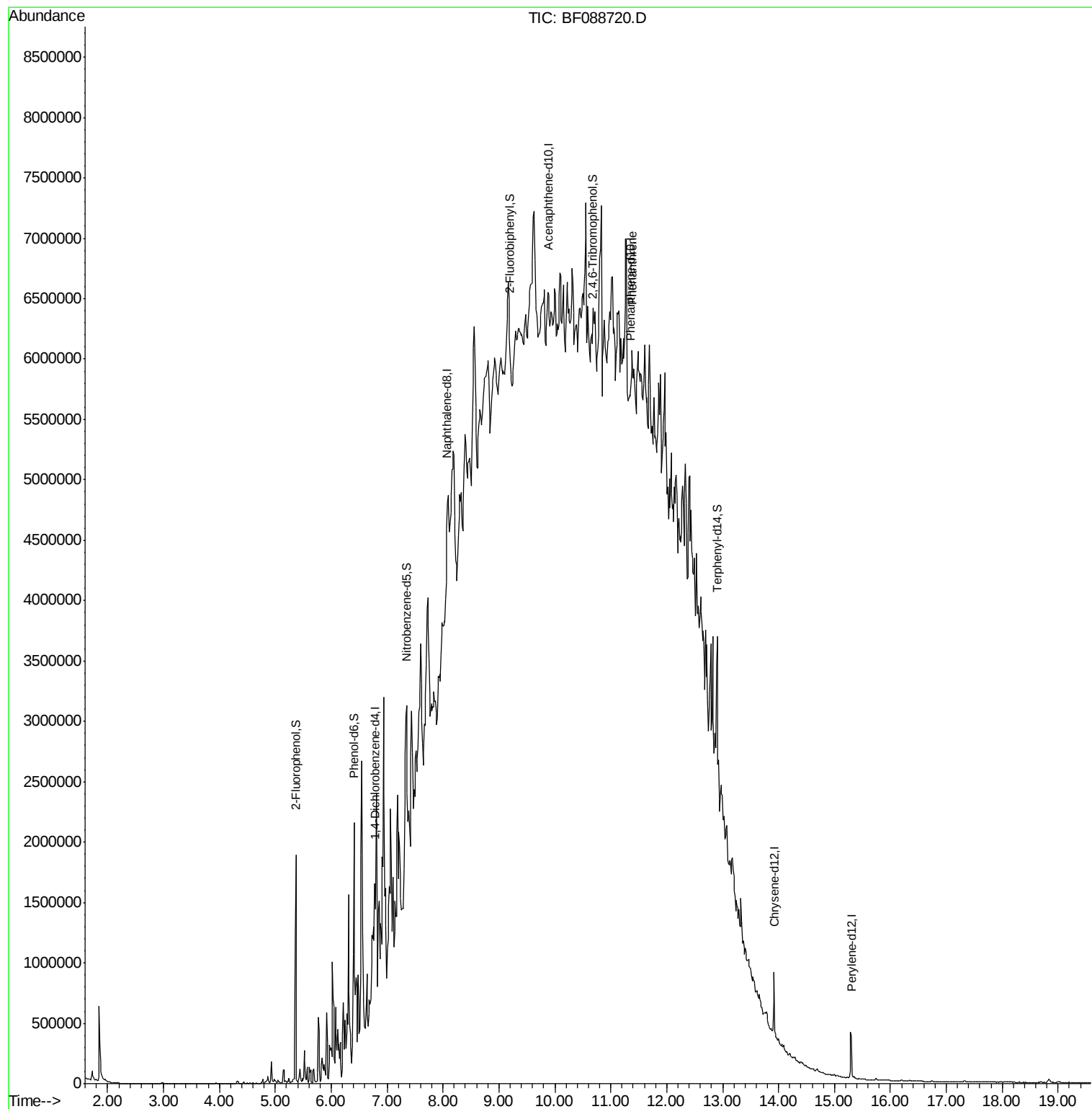
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	86805	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	275089	20.00	ng	0.01
38) Acenaphthene-d10	9.88	164	52597	20.00	ng	0.07
63) Phenanthrene-d10	11.36	188	120138	20.00	ng	0.07
75) Chrysene-d12	13.92	240	190490	20.00	ng	0.00
86) Perylene-d12	15.30	264	200631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	640933	110.66	ng	0.00
7) Phenol-d6	6.41	99	701563	93.74	ng	0.00
23) Nitrobenzene-d5	7.35	82	499643	95.18	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	104180	213.30	ng	0.07
44) 2-Fluorobiphenyl	9.19	172	365951	109.90	ng	0.05
78) Terphenyl-d14	12.90	244	492378	57.57	ng	0.03
Target Compounds						
70) Phenanthrene	11.38	178	493257	75.11	ng	Qvalue # 86

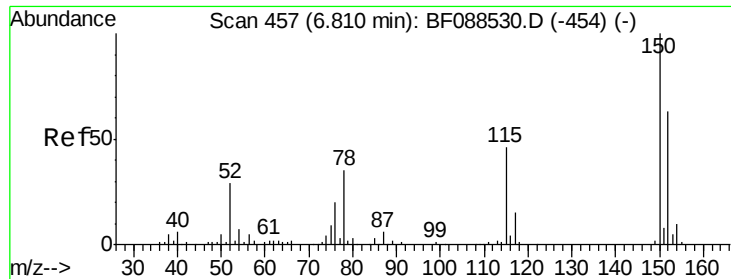
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088720.D

Acq: 5 Jul 2016 23:37

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(13-15)RE

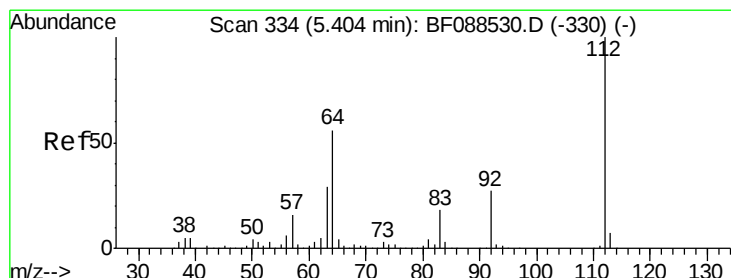
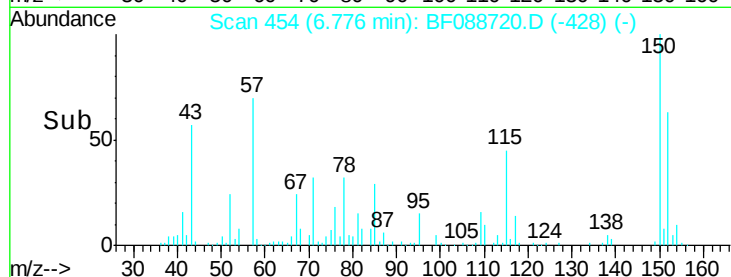
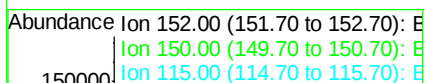
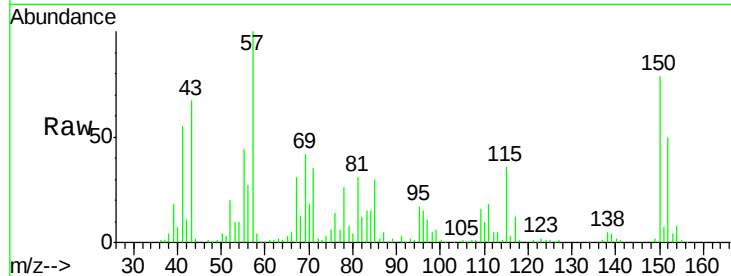
Tot Ion:152 Resp: 86805

Ion Ratio Lower Upper

152 100

150 159.3 123.8 185.6

115 72.2 39.6 59.4#



#5

2-Fluorophenol

Concen: 110.66 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF088720.D

Acq: 5 Jul 2016 23:37

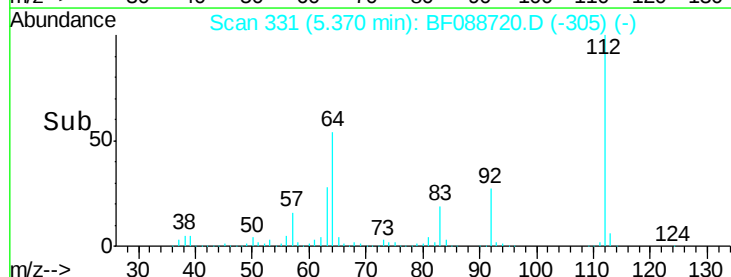
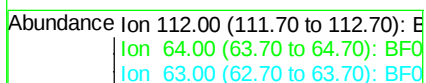
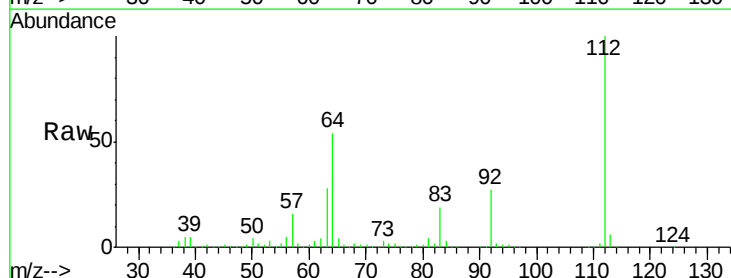
Tgt Ion:112 Resp: 640933

Ion Ratio Lower Upper

112 100

64 53.7 42.2 63.2

63 28.4 21.8 32.8





#7

Phenol-d6

Concen: 93.74 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088720.D

Acq: 5 Jul 2016 23:37

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(13-15)RE

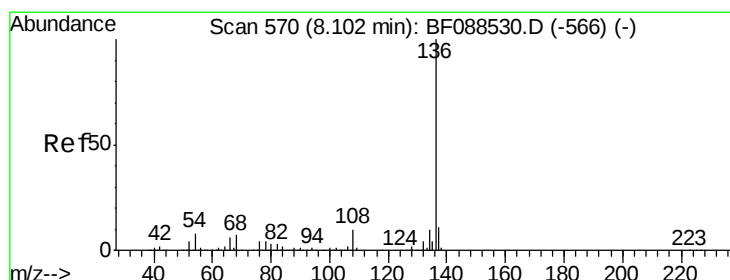
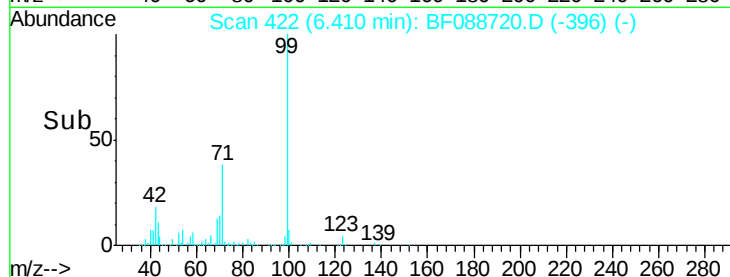
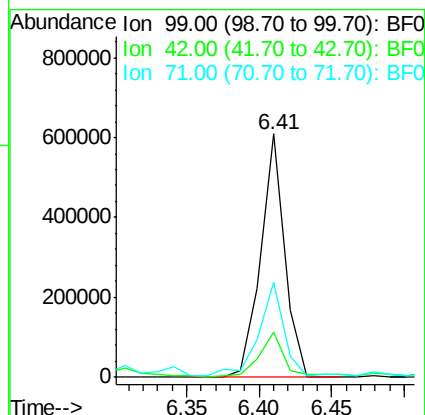
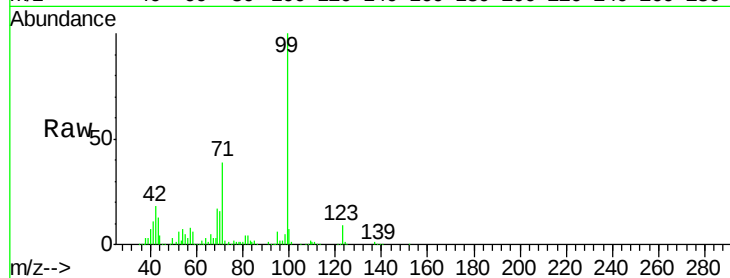
Tot Ion: 99 Resp: 701563

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 38.9 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF088720.D

Acq: 5 Jul 2016 23:37

Tgt Ion: 136 Resp: 275089

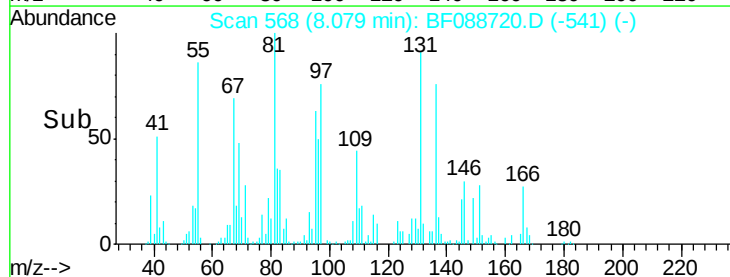
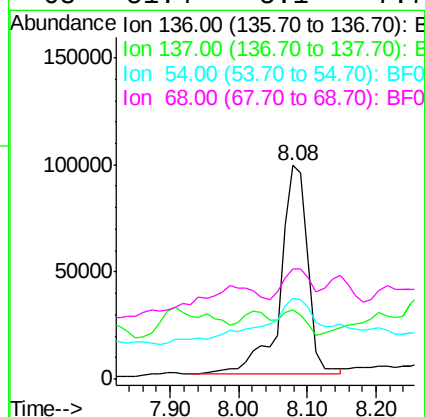
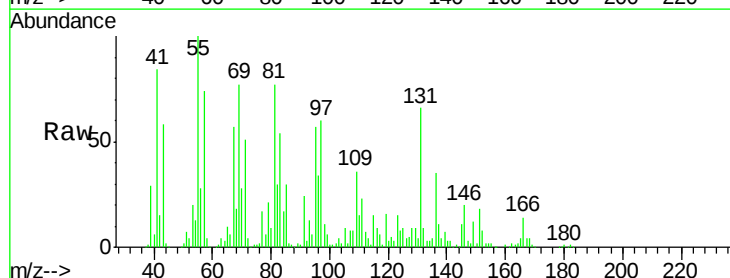
Ion Ratio Lower Upper

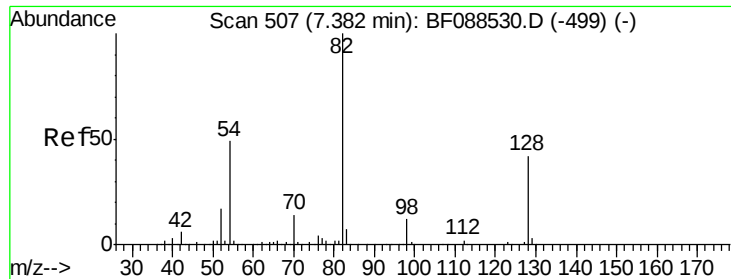
136 100

137 32.1 9.1 13.7#

54 38.0 6.6 10.0#

68 51.4 5.1 7.7#

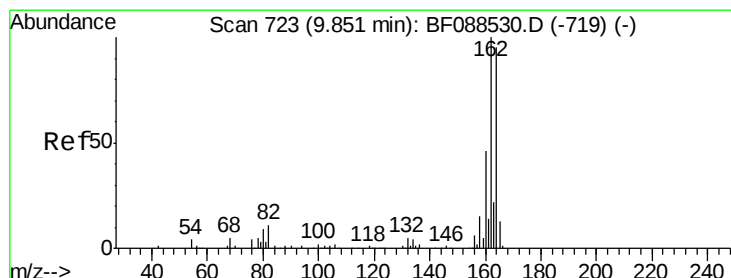
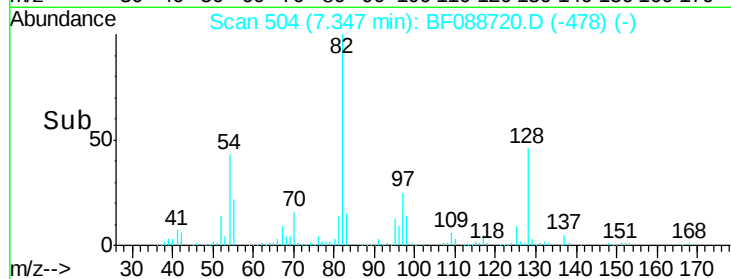
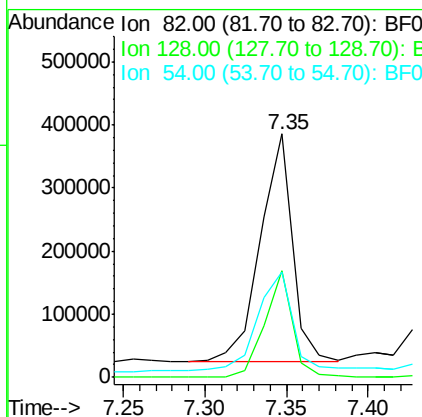
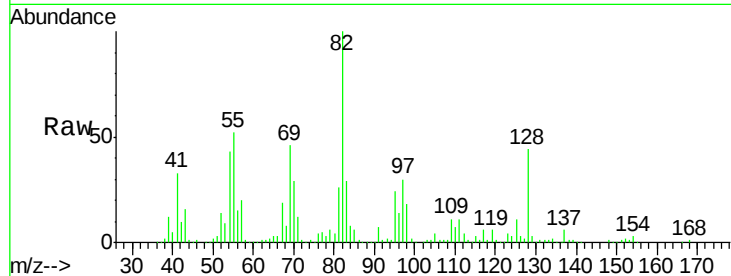




#23
 Nitrobenzene-d5
 Concen: 95.18 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF088720.D
 Acq: 5 Jul 2016 23:37

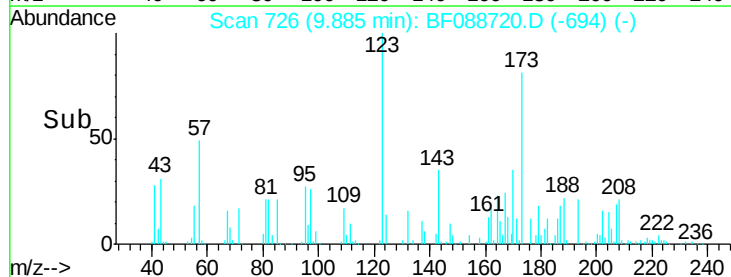
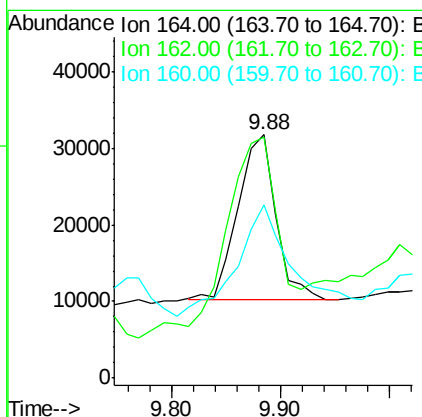
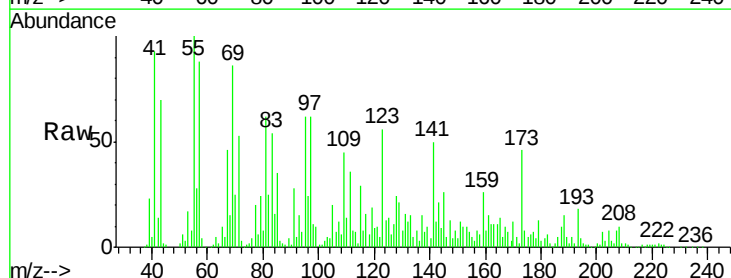
Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(13-15)RE

Tot Ion	82	Resp	499643
Ion Ratio	100	Lower	Upper
128	43.8	35.9	53.9
54	43.2	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. 0.07 min
 Lab File: BF088720.D
 Acq: 5 Jul 2016 23:37

Tgt Ion	164	Resp	52597
Ion Ratio	100	Lower	Upper
162	98.8	85.4	128.2
160	71.1	39.5	59.3#

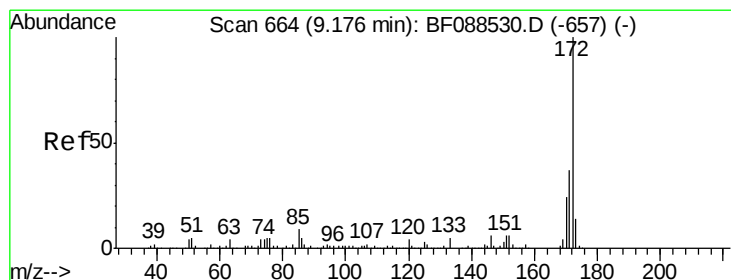
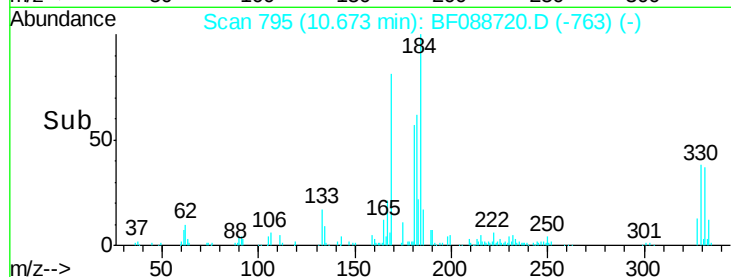
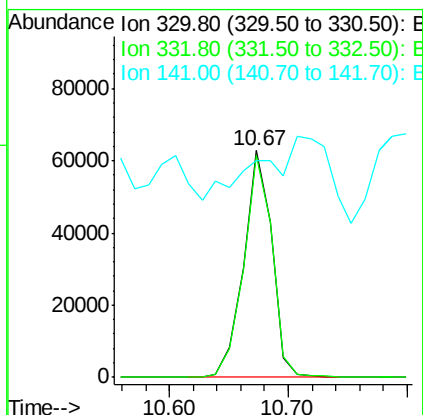
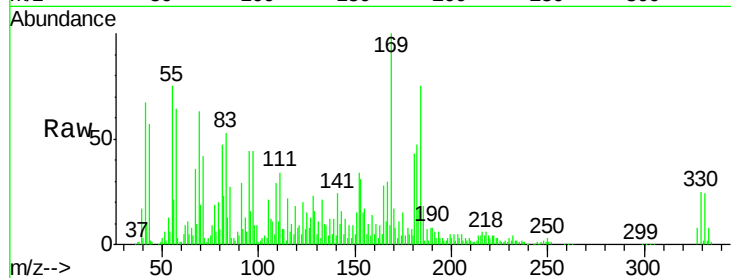




#41
 2,4,6-Tribromophenol
 Concen: 213.30 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.07 min
 Lab File: BF088720.D
 Acq: 5 Jul 2016 23:37

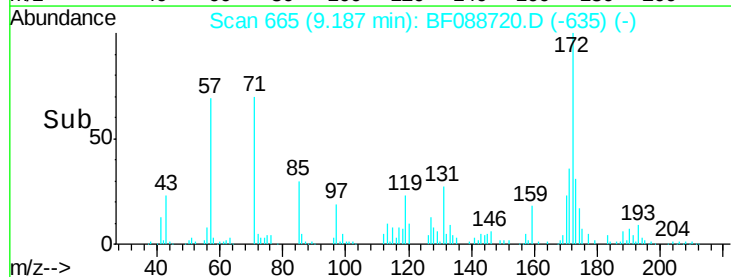
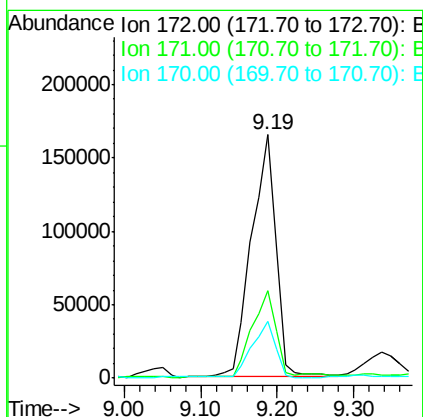
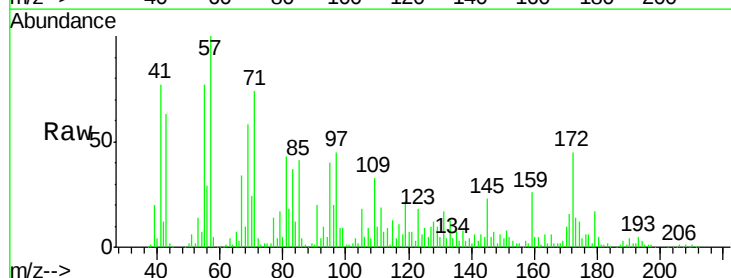
Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(13-15)RE

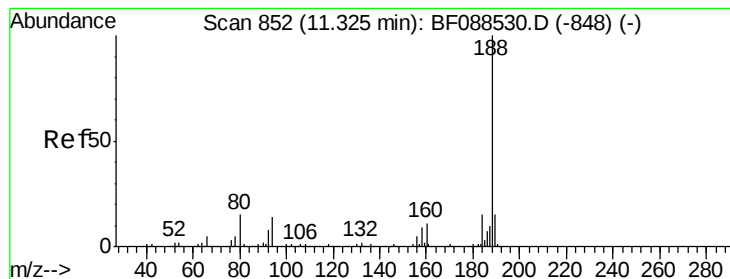
Tot Ion:330 Resp: 104180
 Ion Ratio Lower Upper
 330 100
 332 99.1 0.0 0.0#
 141 0.0 0.0 0.0



#44
 2-Fluorobiphenyl
 Concen: 109.90 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.05 min
 Lab File: BF088720.D
 Acq: 5 Jul 2016 23:37

Tgt Ion:172 Resp: 365951
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.3 19.2 28.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.07 min

Lab File: BF088720.D

Acq: 5 Jul 2016 23:37

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(13-15)RE

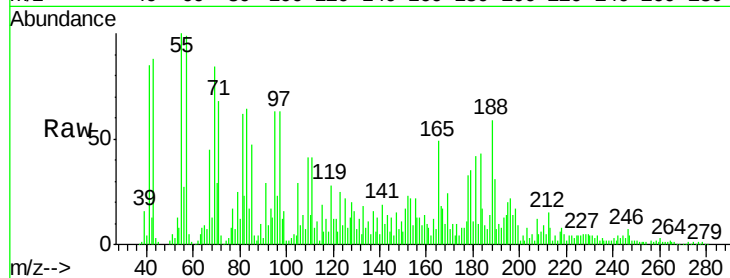
Tot Ion:188 Resp: 120138

Ion Ratio Lower Upper

188 100

94 21.5 9.0 13.6#

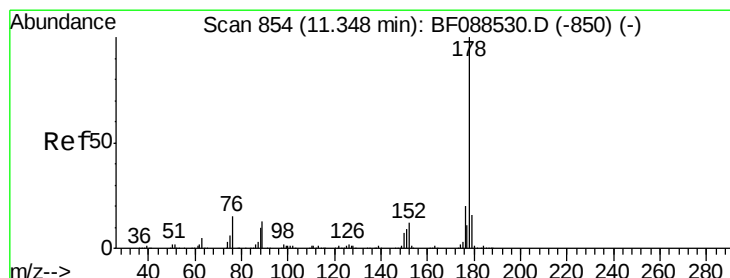
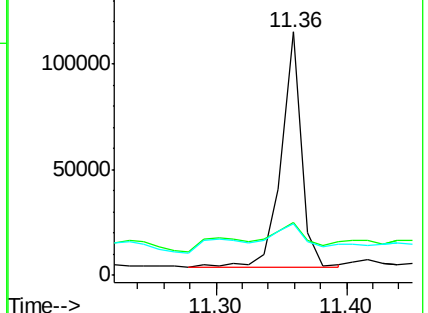
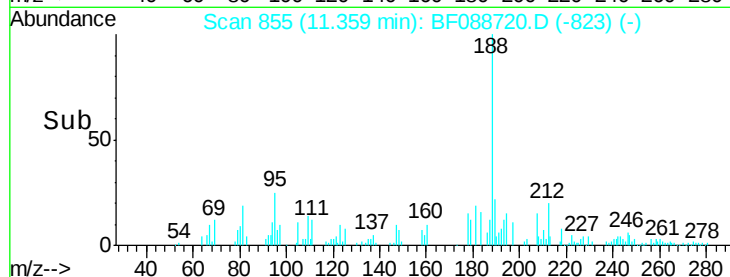
80 21.1 10.0 15.0#



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



#70

Phenanthrene

Concen: 75.11 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.07 min

Lab File: BF088720.D

Acq: 5 Jul 2016 23:37

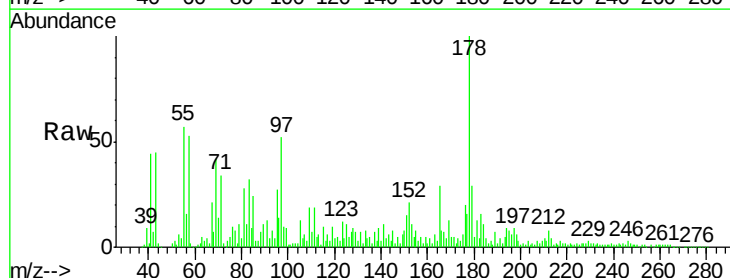
Tgt Ion:178 Resp: 493257

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.6

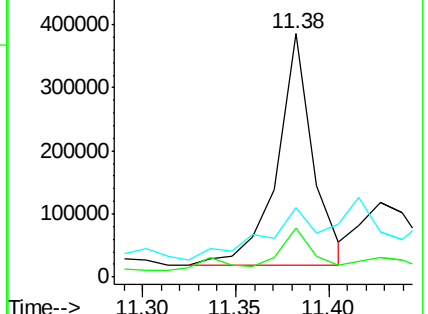
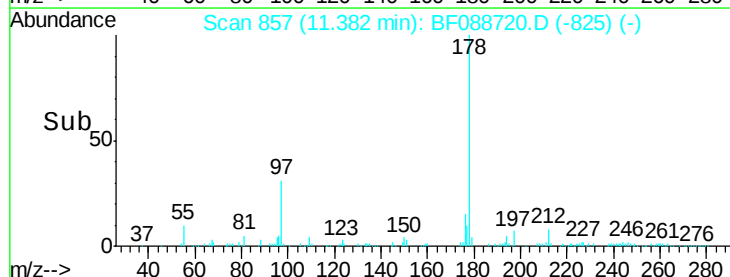
179 28.5 13.0 19.4#

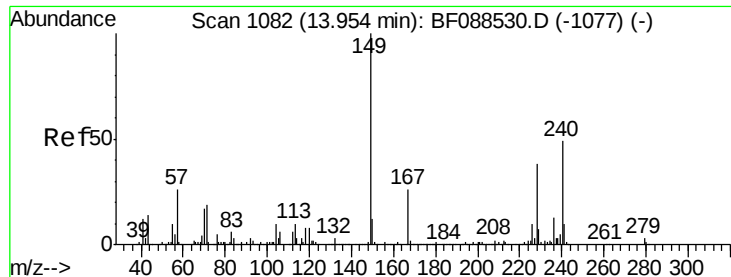


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BF088720.D

Acq: 5 Jul 2016 23:37

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(13-15)RE

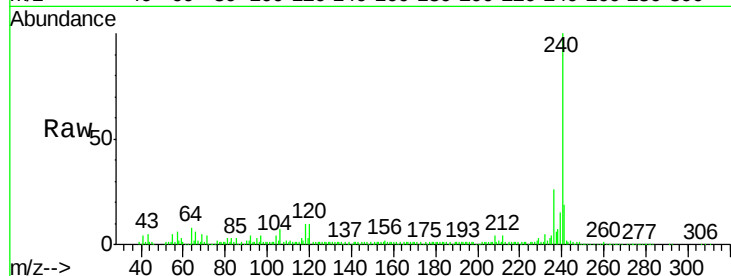
Tot Ion:240 Resp: 190490

Ion Ratio Lower Upper

240 100

120 10.3 6.8 10.2#

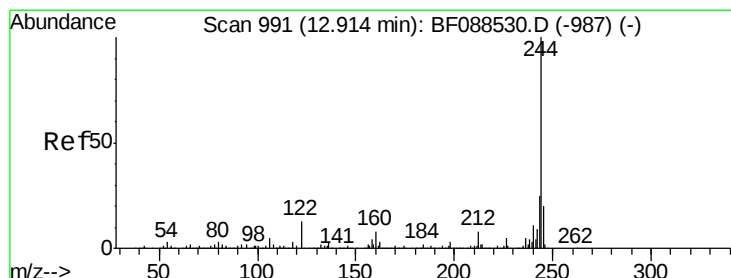
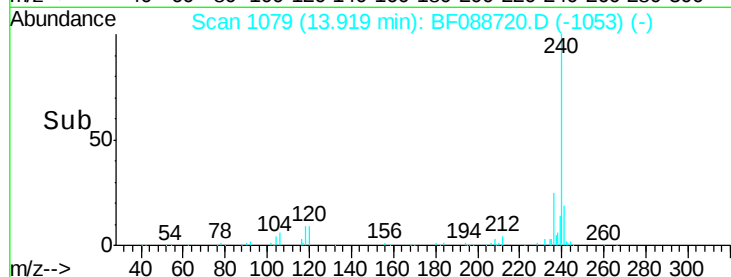
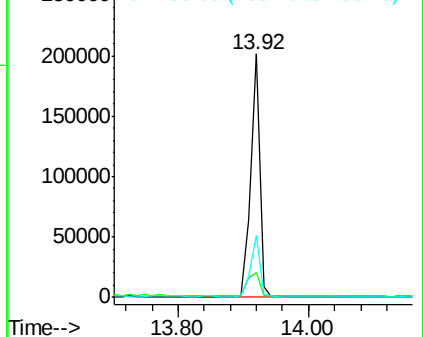
236 25.7 20.2 30.2



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: 57.57 ng

RT: 12.90 min Scan# 990

Delta R.T. 0.03 min

Lab File: BF088720.D

Acq: 5 Jul 2016 23:37

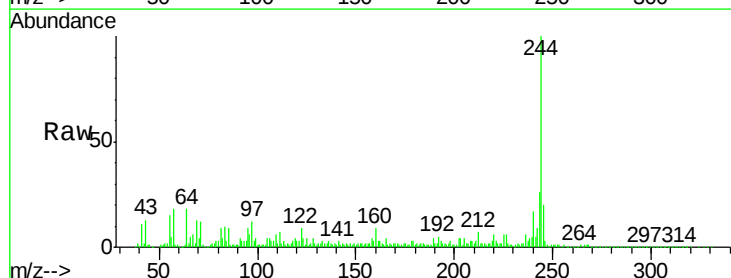
Tgt Ion:244 Resp: 492378

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

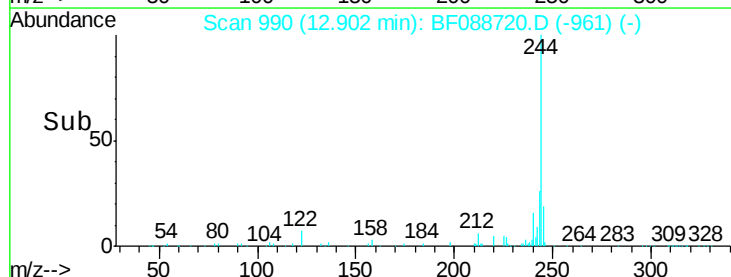
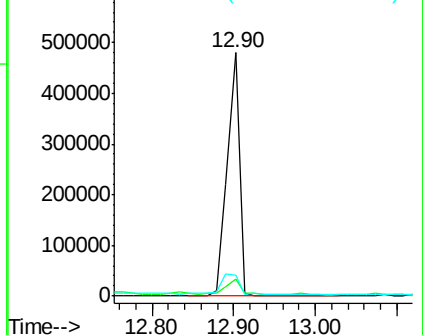
122 8.6 11.2 16.8#

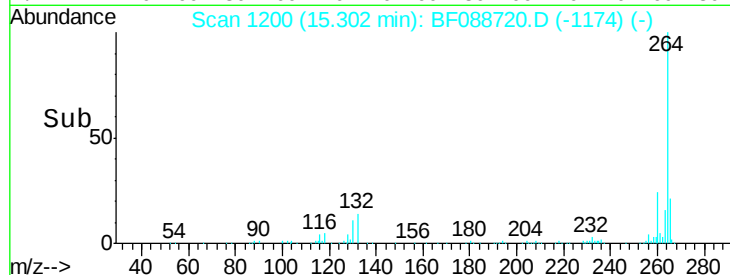
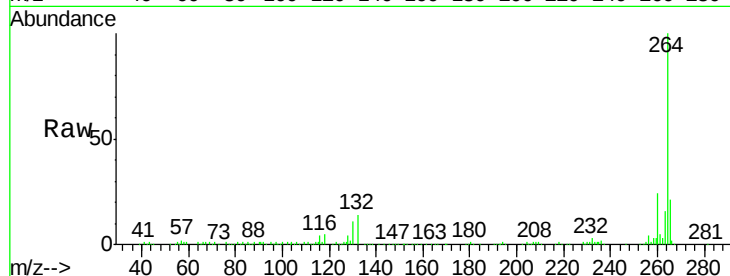
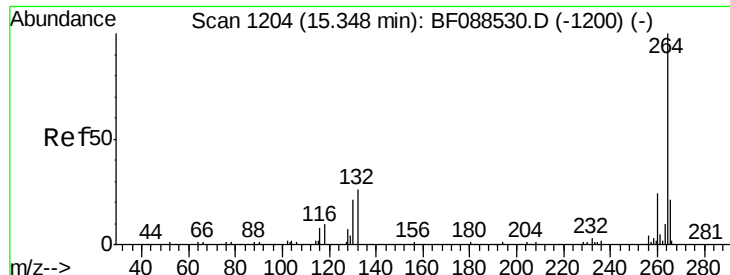


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF088720.D
 Acq: 5 Jul 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(13-15)RE

Tot Ion:264	Resp:	200631
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.2 28.8
265	21.1	16.9 25.3

