

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088686.D
 Acq On : 4 Jul 2016 10:40
 Operator : UM/SJ
 Sample : H3769-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

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

Quant Time: Jul 06 11:55:37 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 01:06:52 2016
 Response via : Initial Calibration

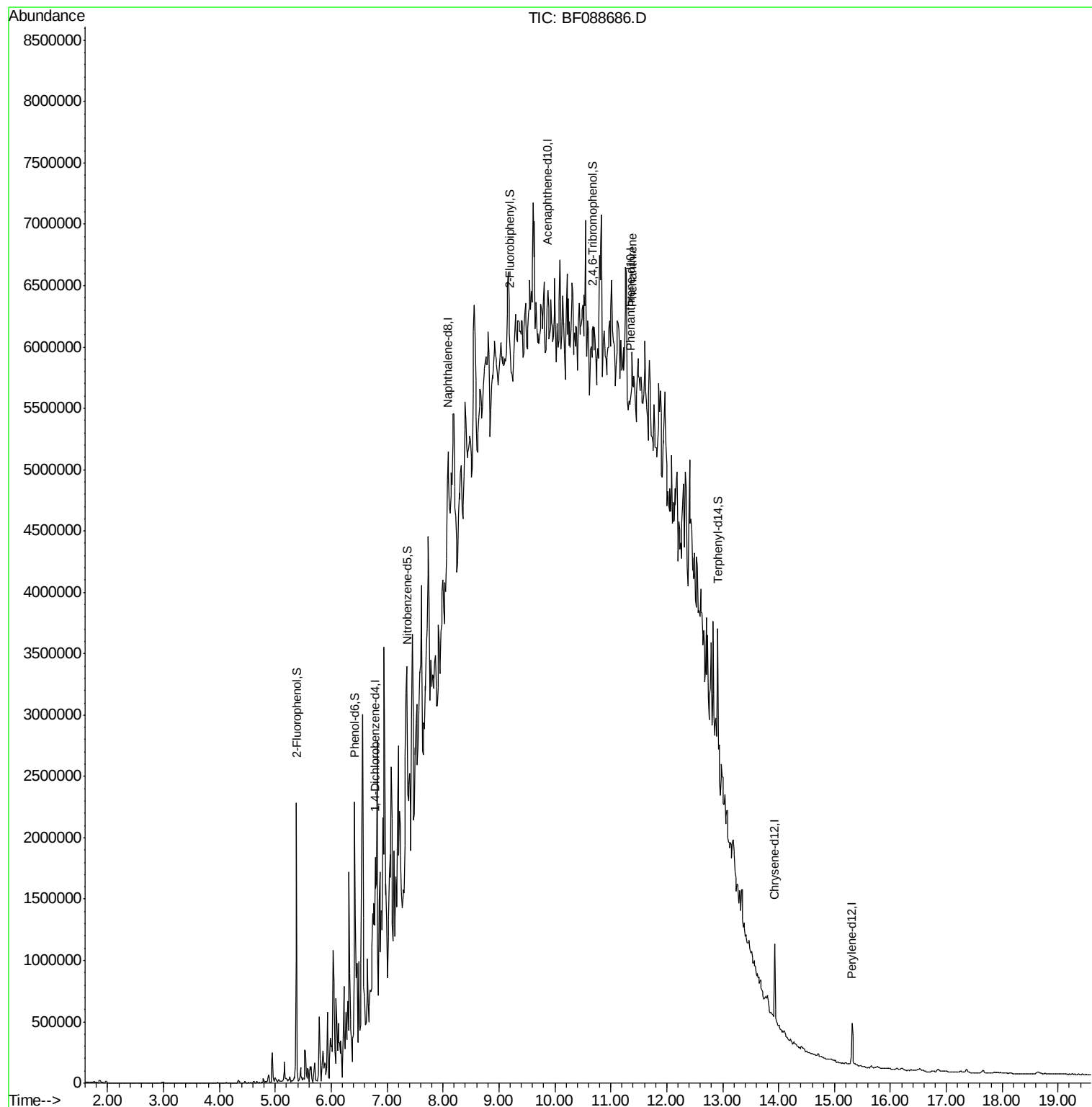
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91455	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	219689	20.00	ng	0.02
38) Acenaphthene-d10	9.87	164	45874m	20.00	ng	0.06
63) Phenanthrene-d10	11.36	188	111504	20.00	ng	0.07
75) Chrysene-d12	13.93	240	191314	20.00	ng	0.01
86) Perylene-d12	15.31	264	160036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	643260	105.41	ng	0.01
7) Phenol-d6	6.42	99	801620	101.66	ng	0.00
23) Nitrobenzene-d5	7.36	82	541753	129.23	ng	0.01
41) 2,4,6-Tribromophenol	10.67	330	95513	224.22	ng	0.07
44) 2-Fluorobiphenyl	9.19	172	352914	121.52	ng	0.03
78) Terphenyl-d14	12.91	244	479856	55.87	ng	0.03
Target Compounds						
70) Phenanthrene	11.38	178	463228	76.00	ng	Qvalue # 88

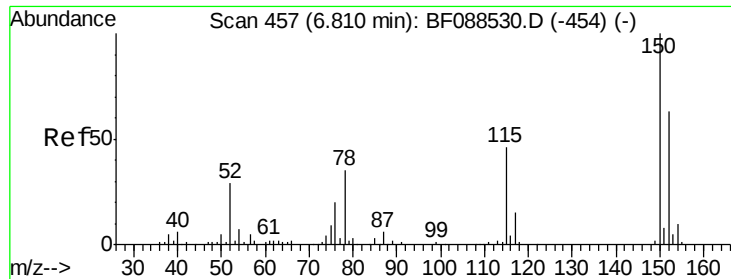
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF088686.D

Acq: 4 Jul 2016 10:40

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(13-15)

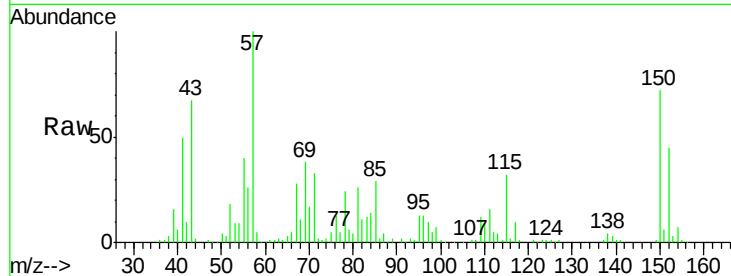
Tot Ion:152 Resp: 91455

Ion Ratio Lower Upper

152 100

150 159.3 123.8 185.6

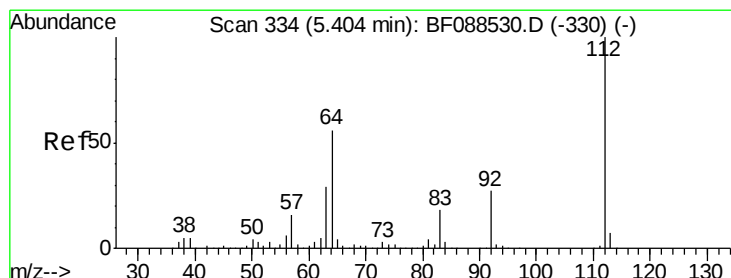
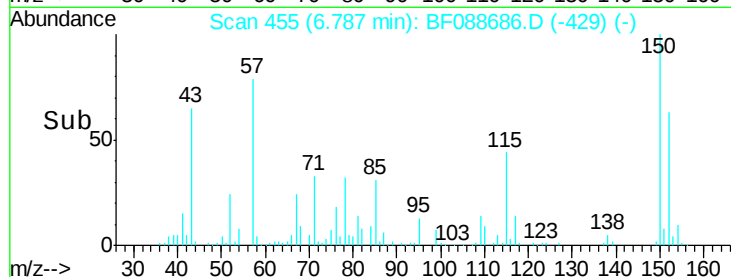
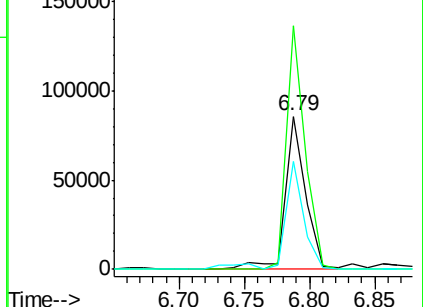
115 70.5 39.6 59.4#



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: 105.41 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088686.D

Acq: 4 Jul 2016 10:40

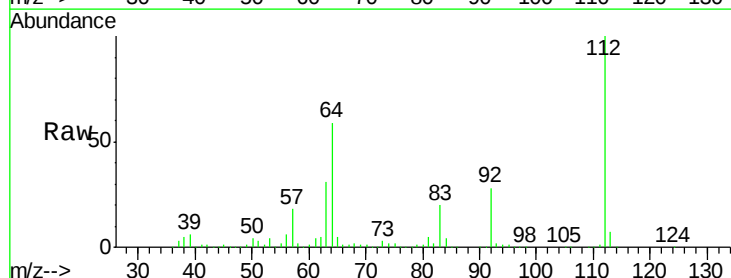
Tgt Ion:112 Resp: 643260

Ion Ratio Lower Upper

112 100

64 59.4 42.2 63.2

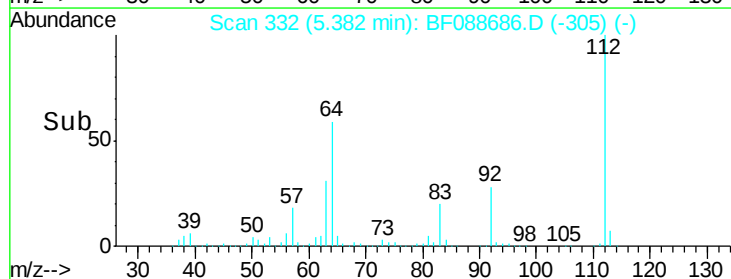
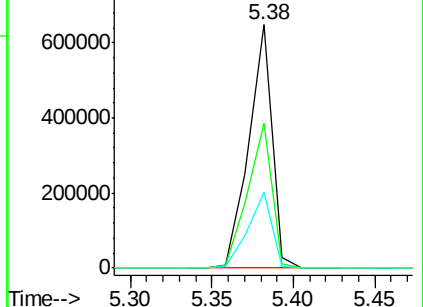
63 31.2 21.8 32.8

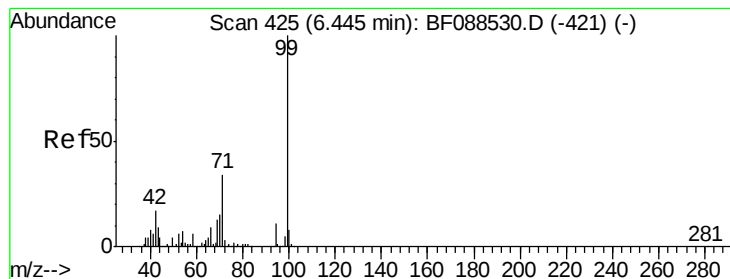


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.66 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF088686.D

Acq: 4 Jul 2016 10:40

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(13-15)

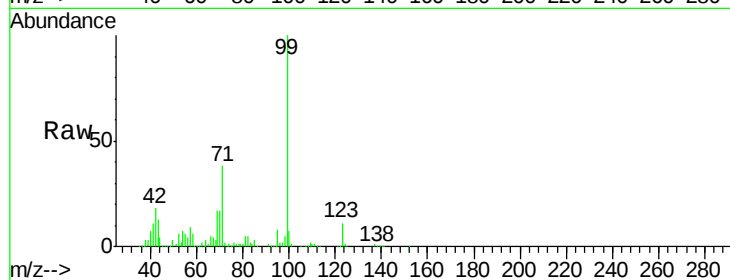
Tot Ion: 99 Resp: 801620

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

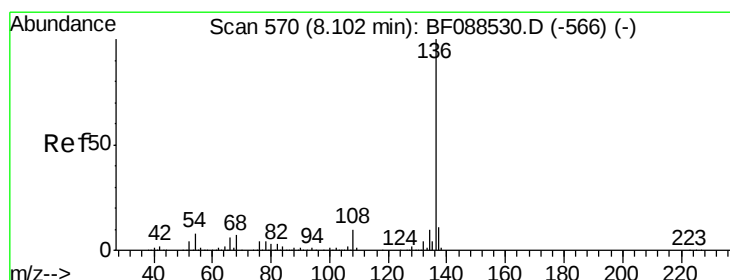
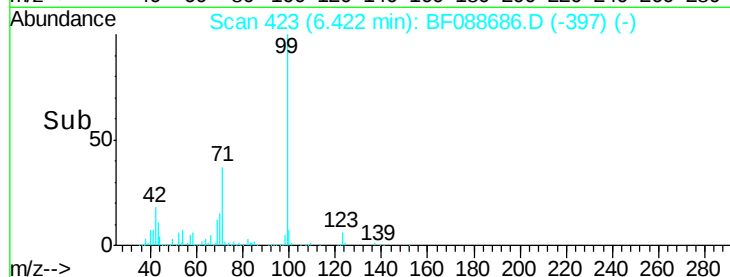
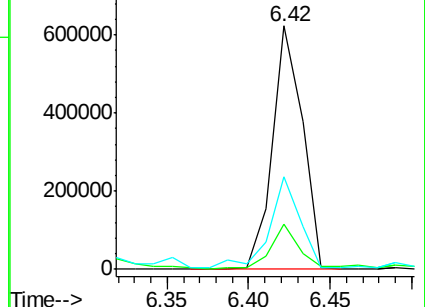
71 38.1 23.4 35.0#



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: 8.09 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF088686.D

Acq: 4 Jul 2016 10:40

Tgt Ion: 136 Resp: 219689

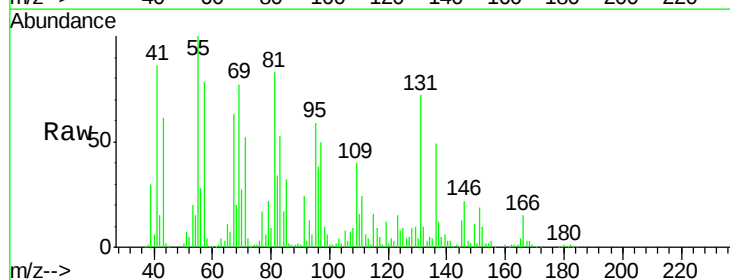
Ion Ratio Lower Upper

136 100

137 24.8 9.1 13.7#

54 30.2 6.6 10.0#

68 41.6 5.1 7.7#

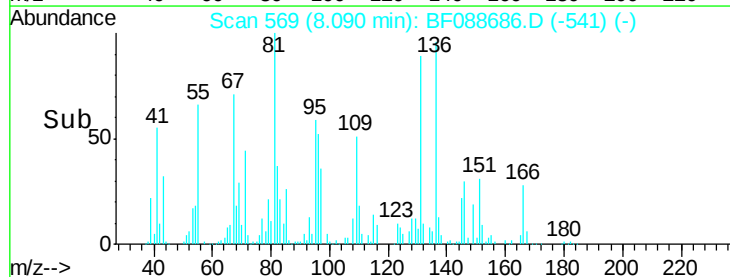
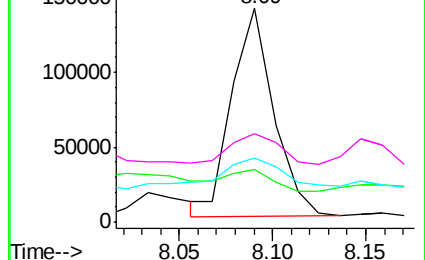


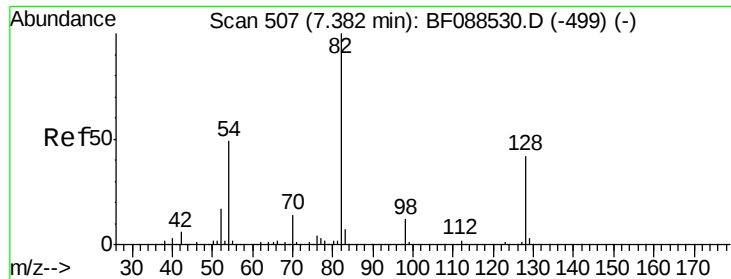
Abundance Ion 136.00 (135.70 to 136.70): E

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

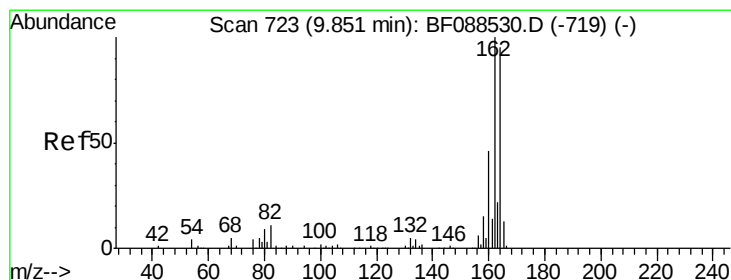
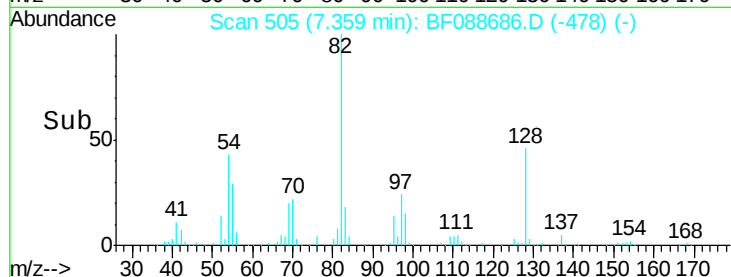
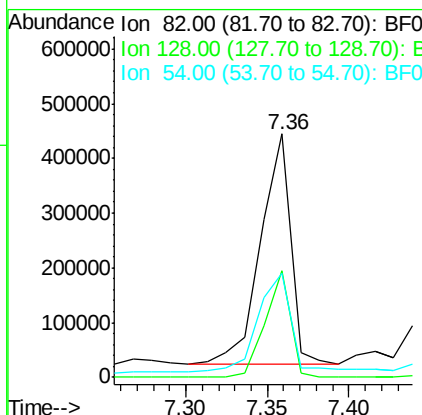
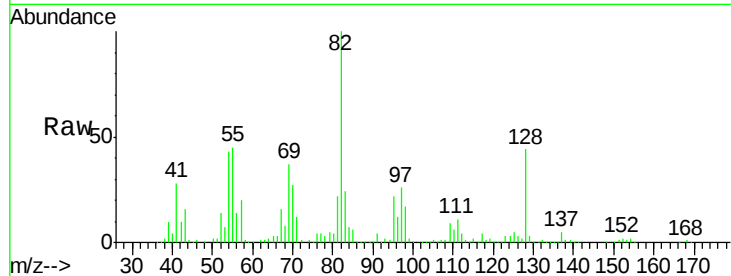




#23
 Nitrobenzene-d5
 Concen: 129.23 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: BF088686.D
 Acq: 4 Jul 2016 10:40

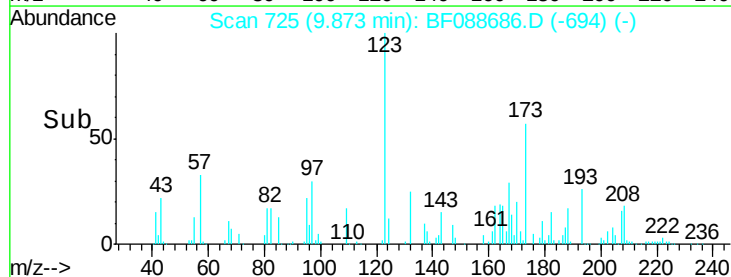
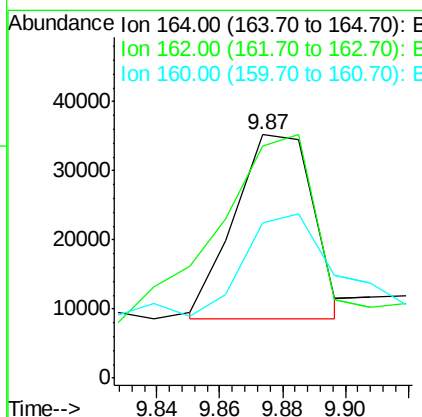
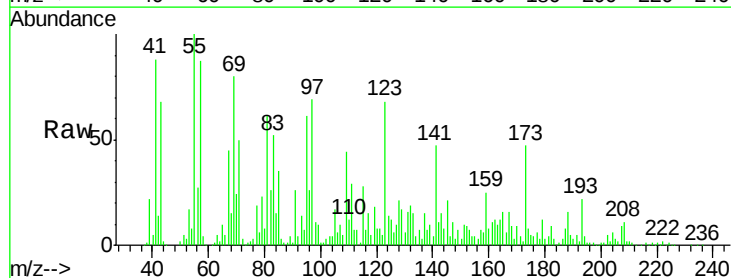
Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(13-15)

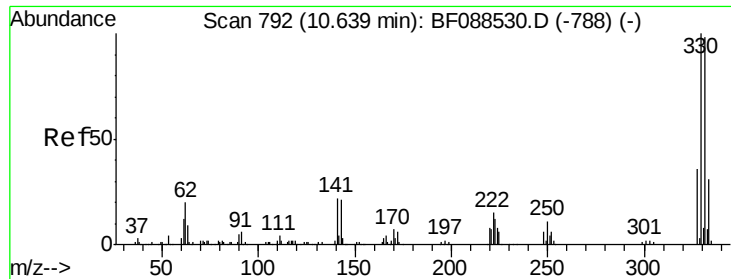
Tot Ion: 82 Resp: 541753
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.9 53.9
 54 42.7 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng m
 RT: 9.87 min Scan# 725
 Delta R.T. 0.06 min
 Lab File: BF088686.D
 Acq: 4 Jul 2016 10:40

Tgt Ion:164 Resp: 45874
 Ion Ratio Lower Upper
 164 100
 162 95.5 85.4 128.2
 160 63.9 39.5 59.3#

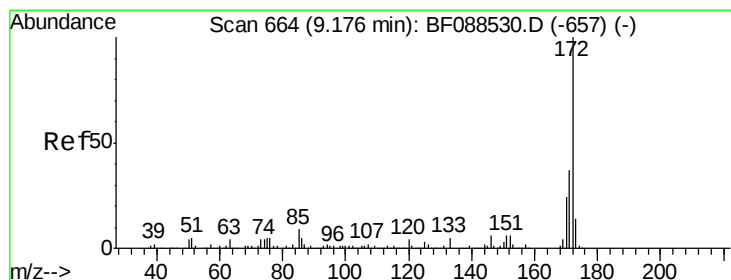
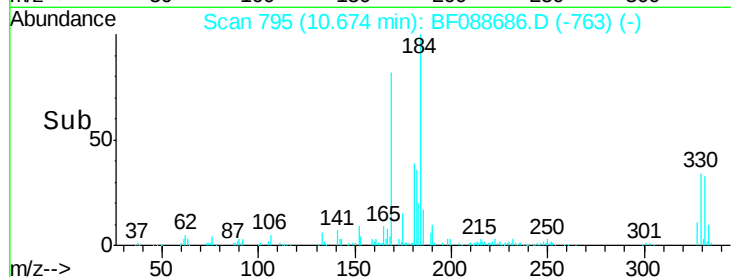
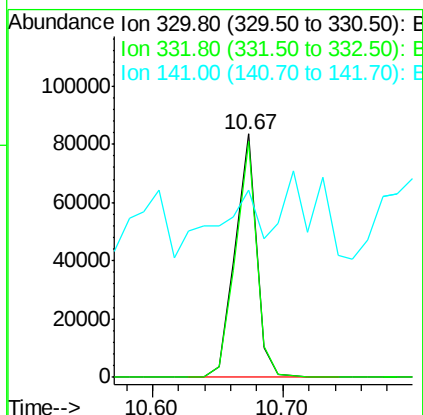
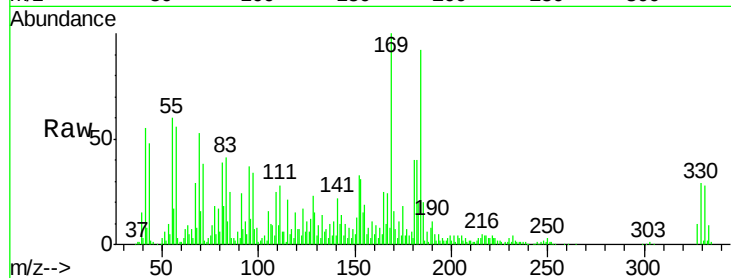




#41
 2,4,6-Tribromophenol
 Concen: 224.22 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.07 min
 Lab File: BF088686.D
 Acq: 4 Jul 2016 10:40

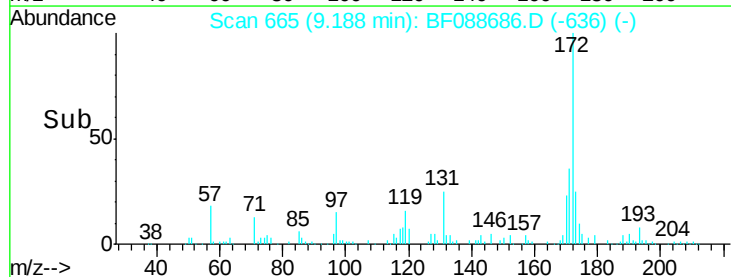
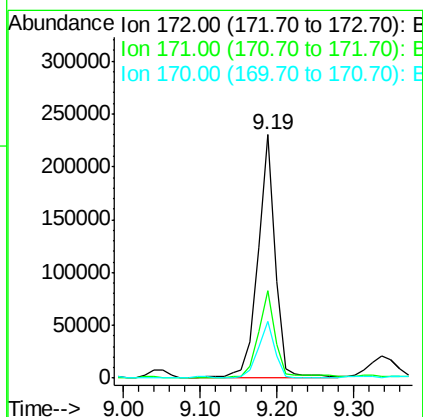
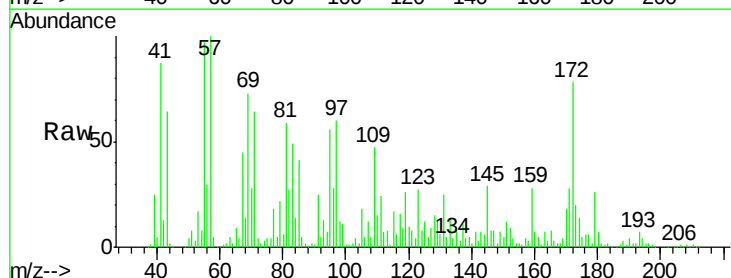
Instrument :
 BNA_F
 ClientSampleId :
 EPCH-B2(13-15)

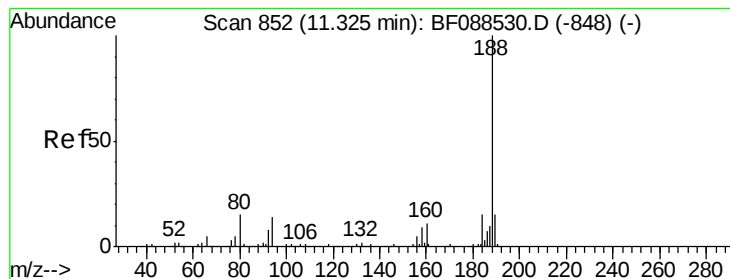
Tot Ion:330 Resp: 95513
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 55.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 121.52 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.03 min
 Lab File: BF088686.D
 Acq: 4 Jul 2016 10:40

Tgt Ion:172 Resp: 352914
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: BF088686.D

Acq: 4 Jul 2016 10:40

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(13-15)

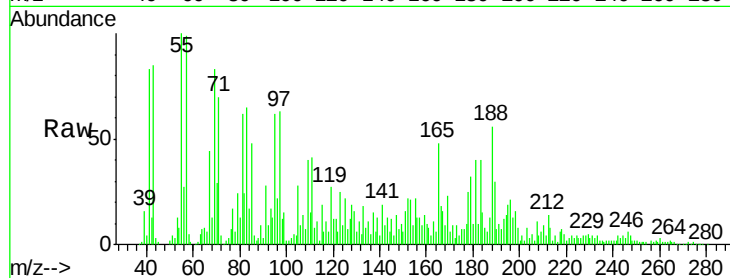
Tot Ion:188 Resp: 111504

Ion Ratio Lower Upper

188 100

94 22.8 9.0 13.6#

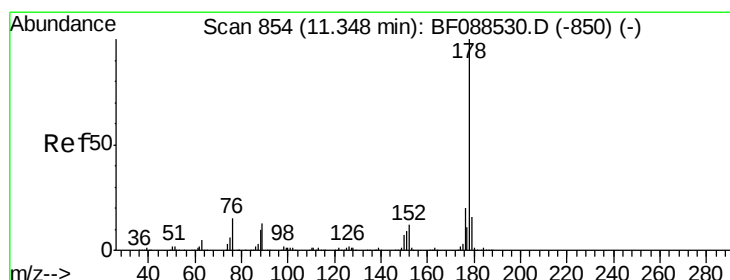
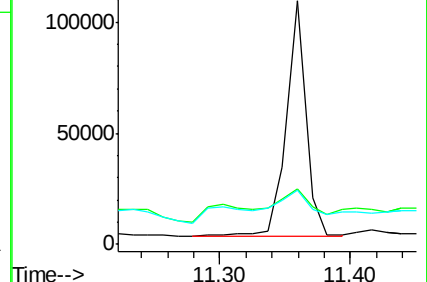
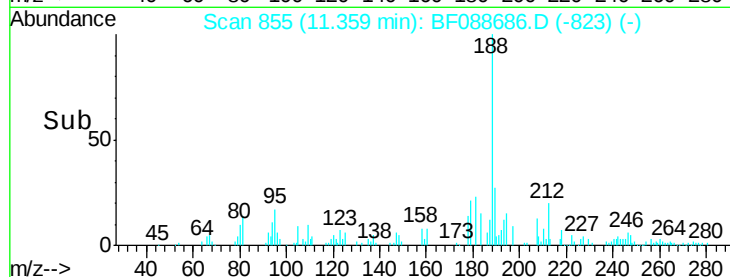
80 22.4 10.0 15.0#



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: 76.00 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.06 min

Lab File: BF088686.D

Acq: 4 Jul 2016 10:40

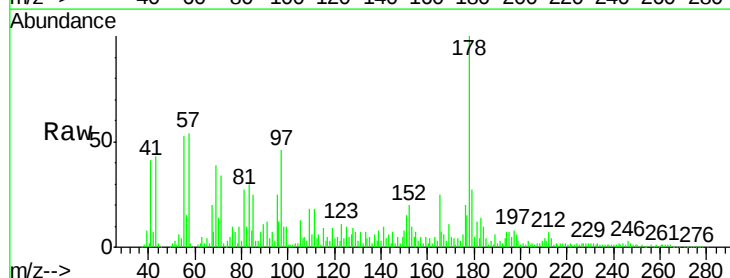
Tgt Ion:178 Resp: 463228

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.6

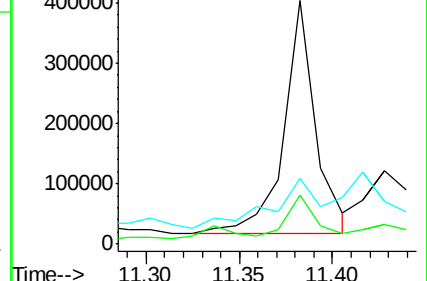
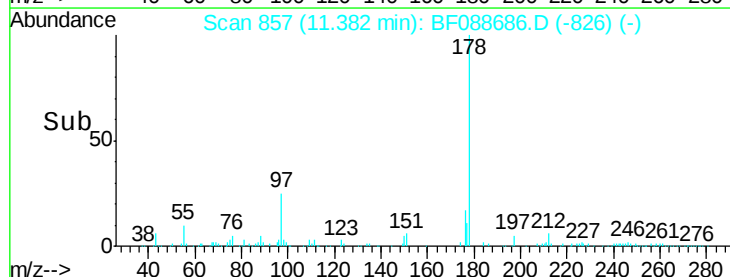
179 27.1 13.0 19.4#

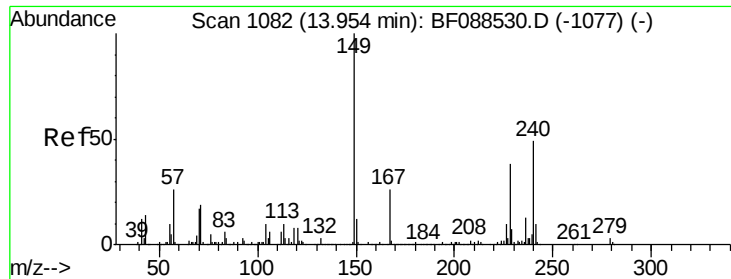


Abundance Ion 178.00 (177.70 to 178.70): E

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: 13.93 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF088686.D

Acq: 4 Jul 2016 10:40

Instrument :

BNA_F

ClientSampleId :

EPCH-B2(13-15)

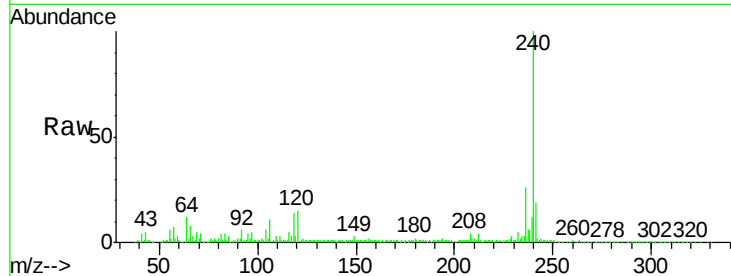
Tot Ion:240 Resp: 191314

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

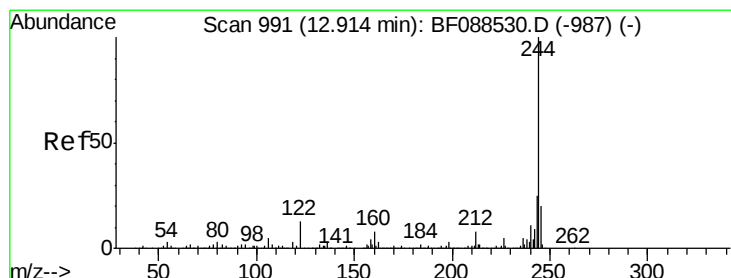
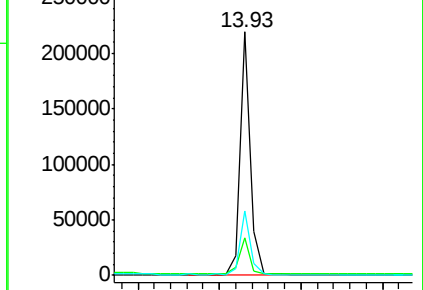
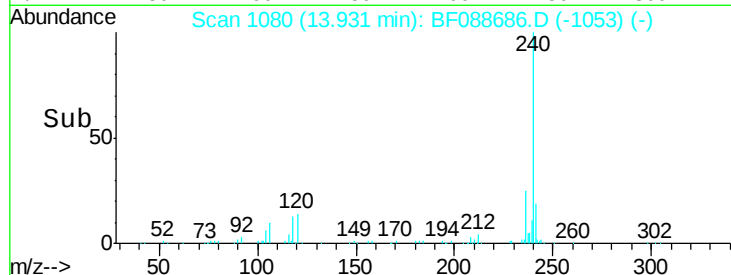
236 26.3 20.2 30.2



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: 55.87 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.03 min

Lab File: BF088686.D

Acq: 4 Jul 2016 10:40

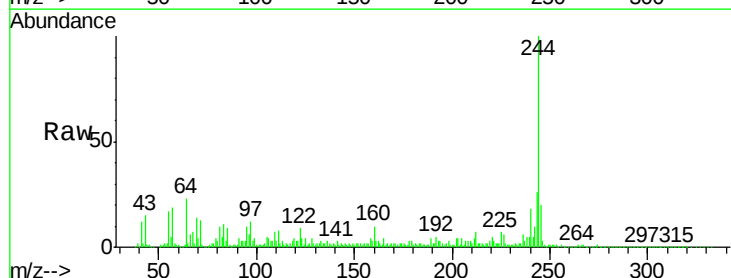
Tgt Ion:244 Resp: 479856

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

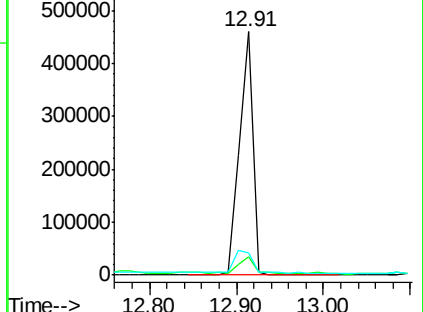
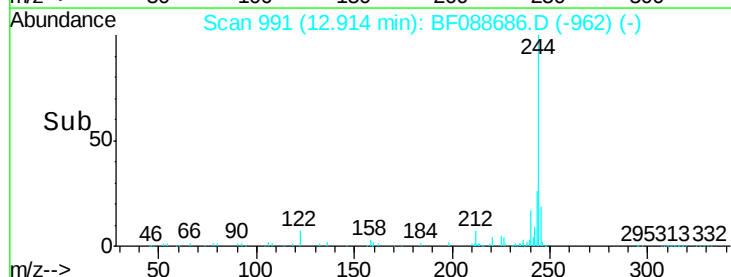
122 8.9 11.2 16.8#

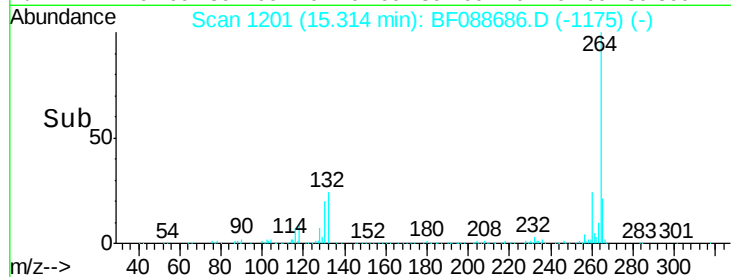
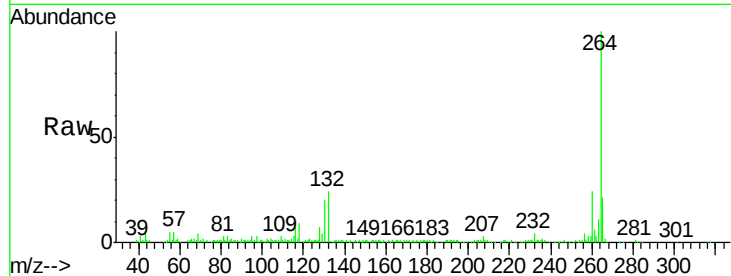
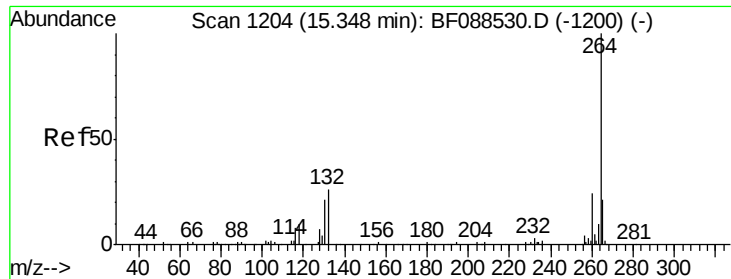


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF088686.D
 Acq: 4 Jul 2016 10:40

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	16.9	25.3

