

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087813.D
 Acq On : 8 Jun 2016 16:51
 Operator : UM/SJ
 Sample : H3378-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-21

Quant Time: Jun 09 02:26:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

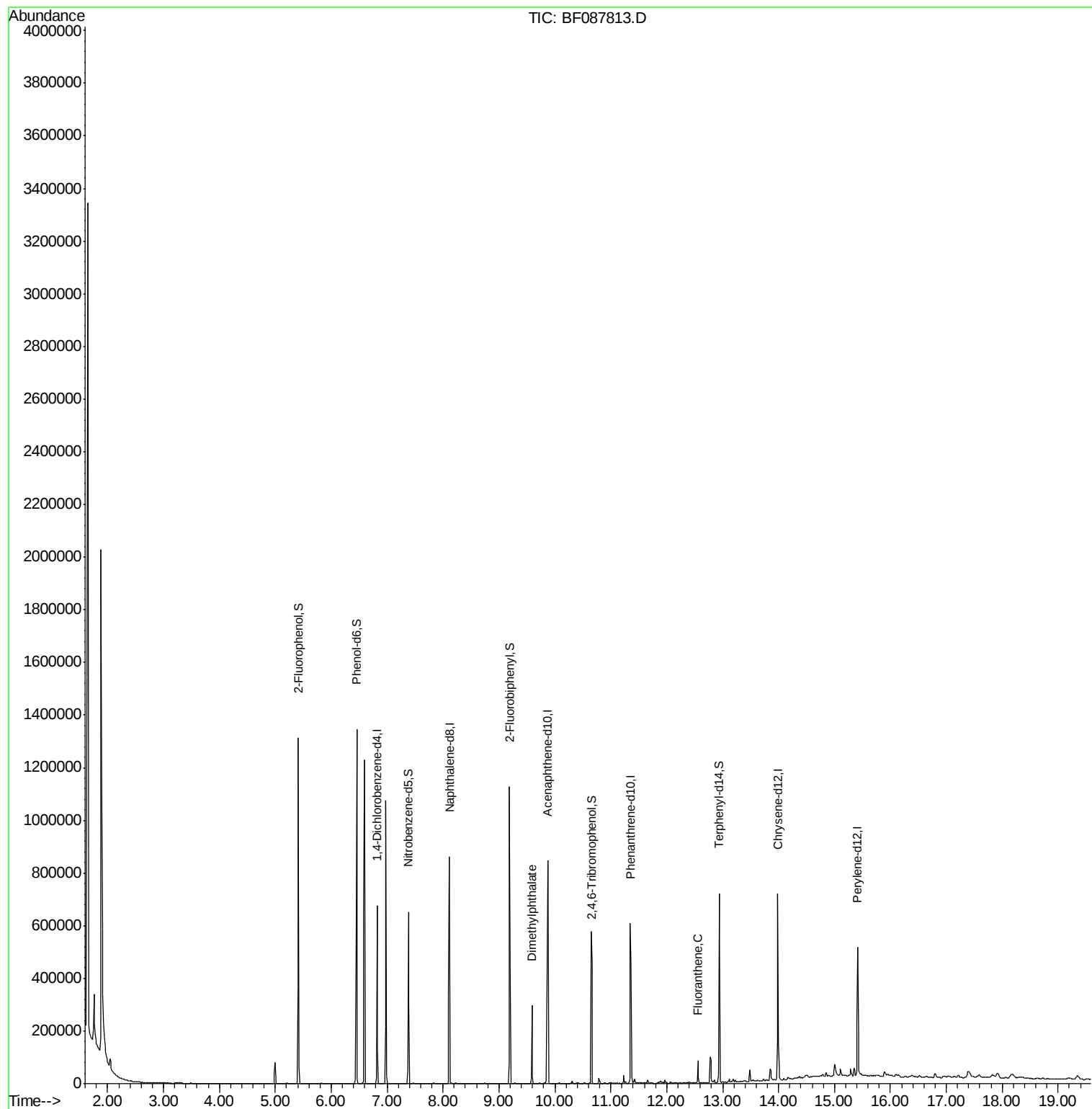
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	98533	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	431979	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	190301	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	302923	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	222715	20.00	ng	0.00
86) Perylene-d12	15.42	264	218437	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	361573	62.73	ng	-0.01
7) Phenol-d6	6.46	99	499963	71.58	ng	-0.02
23) Nitrobenzene-d5	7.38	82	241855	32.69	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	100235	49.88	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	401965	29.57	ng	-0.02
78) Terphenyl-d14	12.94	244	302773	30.94	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	113697	8.25	ng	99
74) Fluoranthene	12.56	202	34930	2.08	ng	97

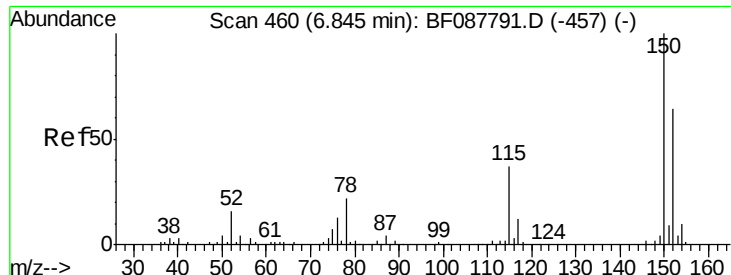
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087813.D

Acq: 8 Jun 2016 16:51

Instrument :

BNA_F

ClientSampled :

SS-21

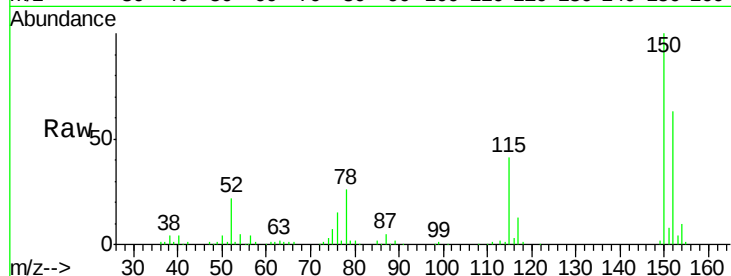
Tot Ion:152 Resp: 98533

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.6

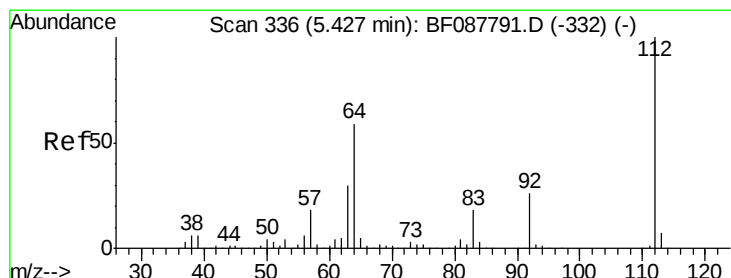
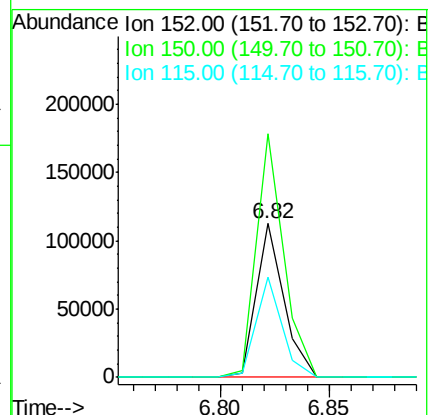
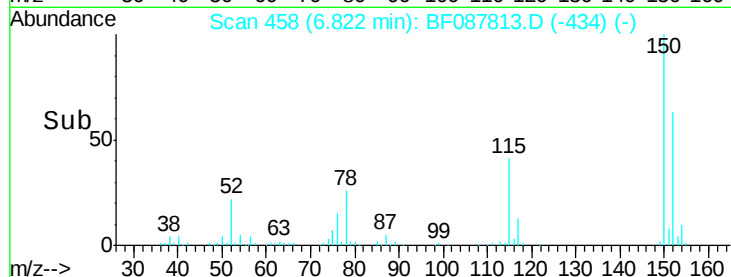
115 65.2 39.6 59.4#



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: 62.73 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087813.D

Acq: 8 Jun 2016 16:51

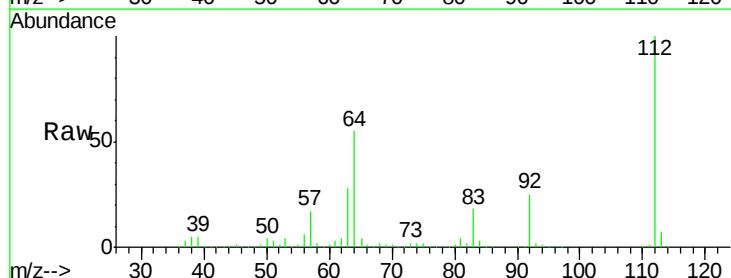
Tgt Ion:112 Resp: 361573

Ion Ratio Lower Upper

112 100

64 54.6 42.2 63.2

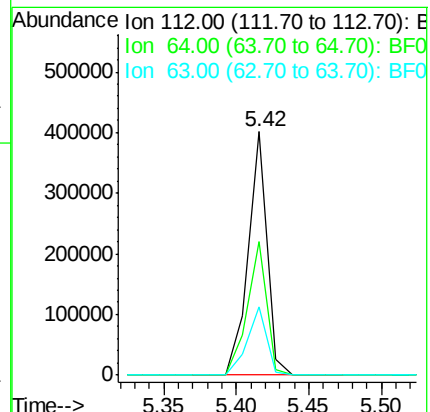
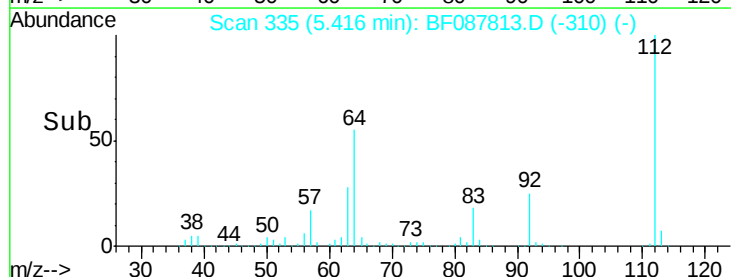
63 28.2 21.8 32.8



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: 71.58 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087813.D

Acq: 8 Jun 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SS-21

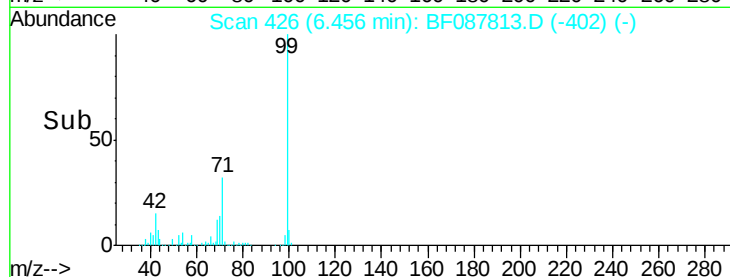
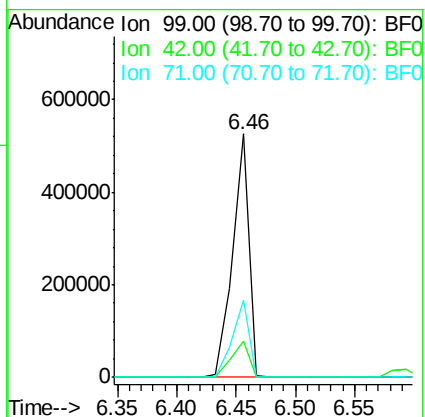
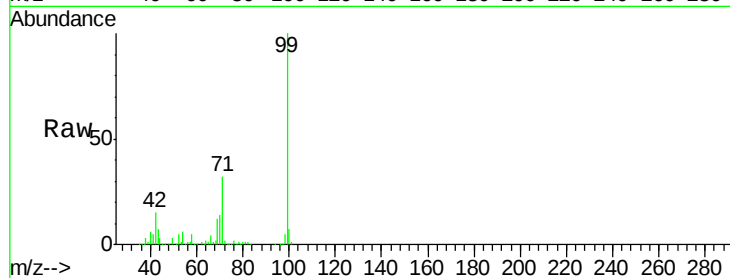
Tot Ion: 99 Resp: 499963

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

71 31.9 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF087813.D

Acq: 8 Jun 2016 16:51

Tgt Ion: 136 Resp: 431979

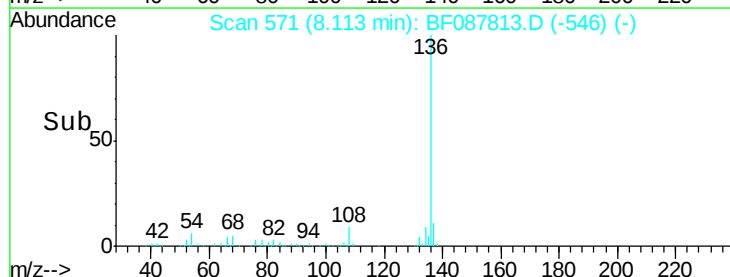
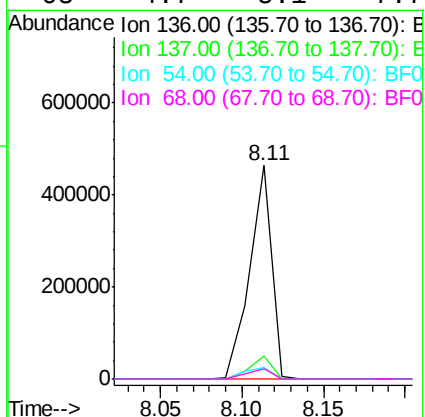
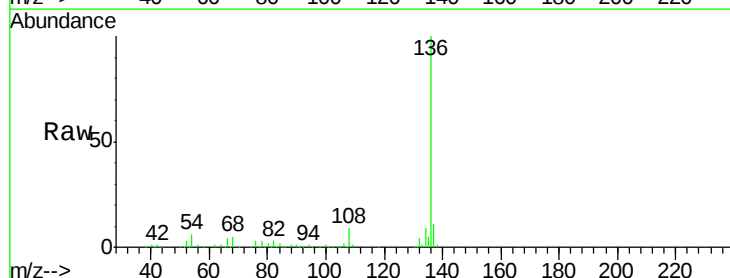
Ion Ratio Lower Upper

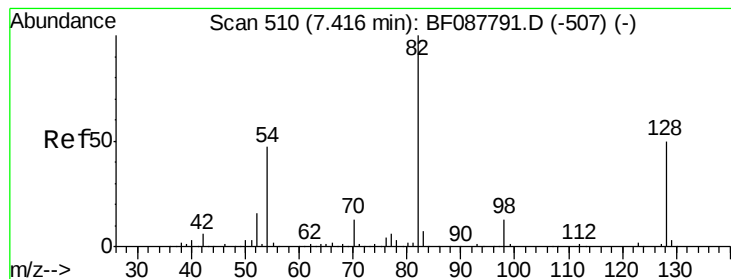
136 100

137 10.7 9.1 13.7

54 5.6 6.6 10.0#

68 4.7 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 32.69 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF087813.D

Acq: 8 Jun 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SS-21

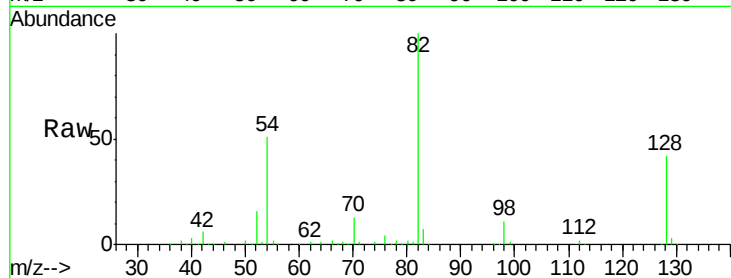
Tot Ion: 82 Resp: 241855

Ion Ratio Lower Upper

82 100

128 42.1 35.9 53.9

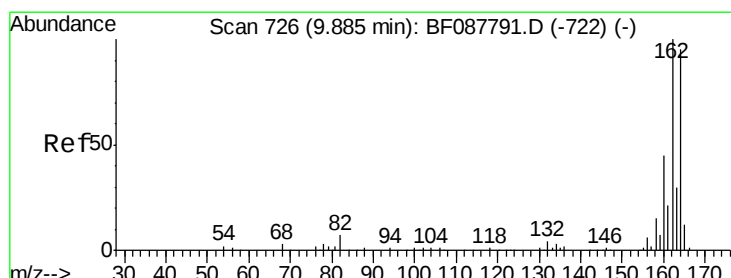
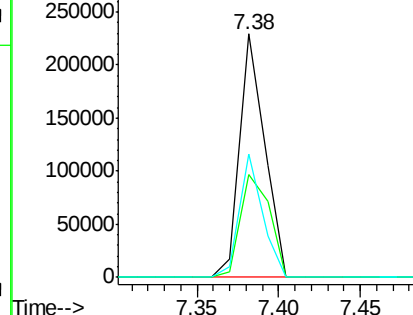
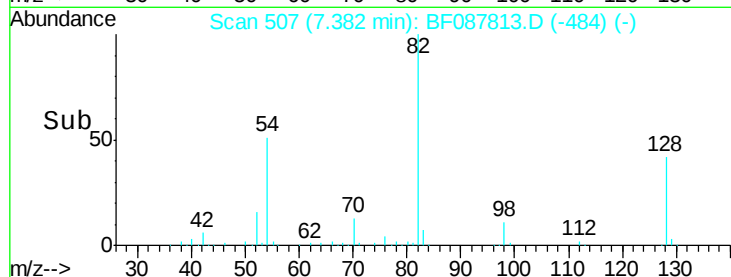
54 50.6 40.9 61.3



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: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF087813.D

Acq: 8 Jun 2016 16:51

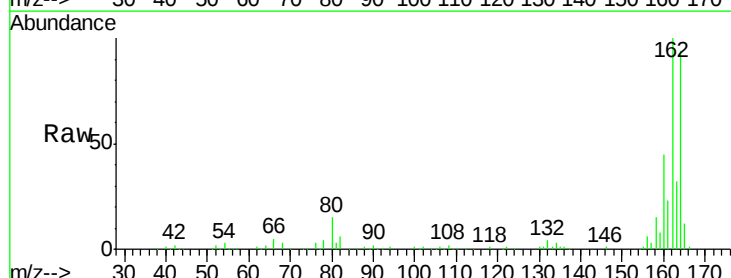
Tgt Ion:164 Resp: 190301

Ion Ratio Lower Upper

164 100

162 105.9 85.4 128.2

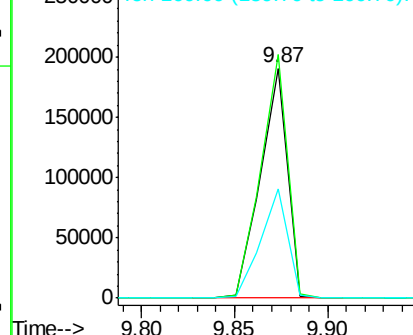
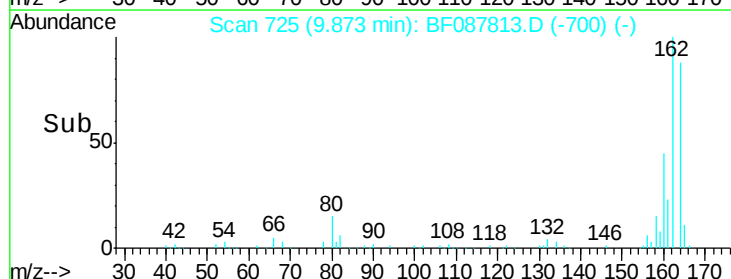
160 47.6 39.5 59.3



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

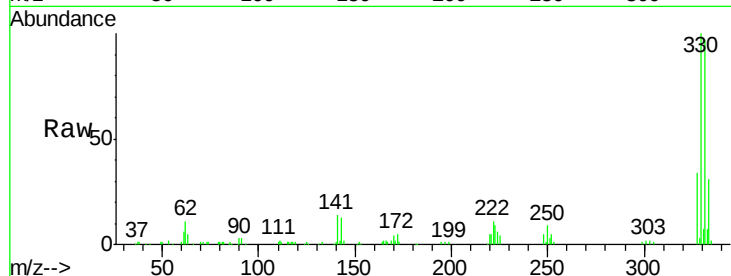




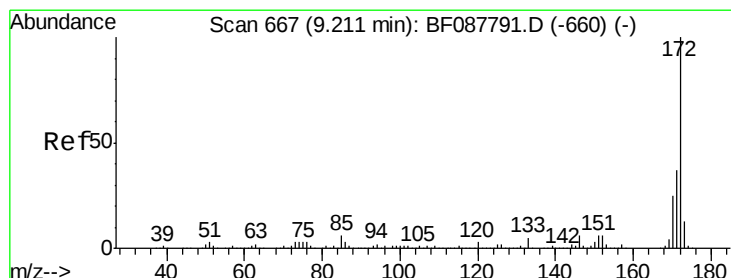
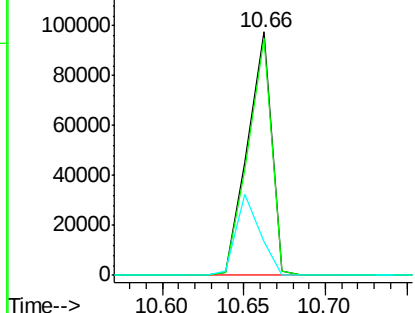
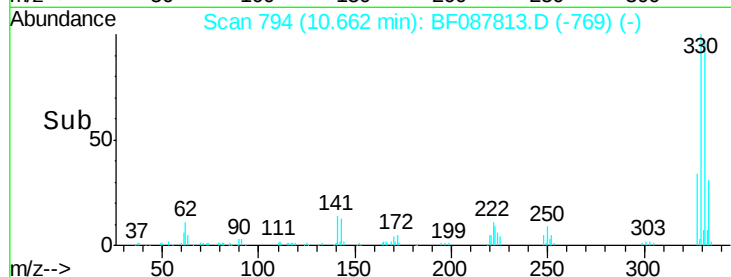
#41
 2,4,6-Tribromophenol
 Concen: 49.88 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087813.D
 Acq: 8 Jun 2016 16:51

Instrument :
 BNA_F
 ClientSampleId :
 SS-21

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	32.4	0.0	0.0#

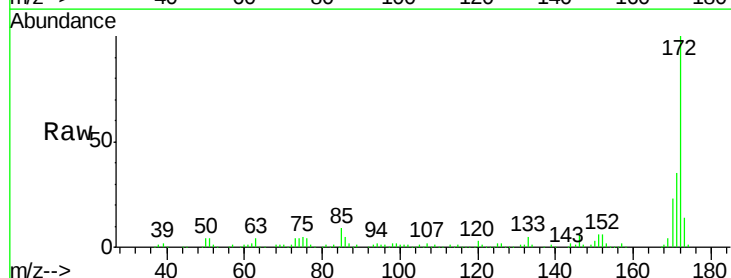


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

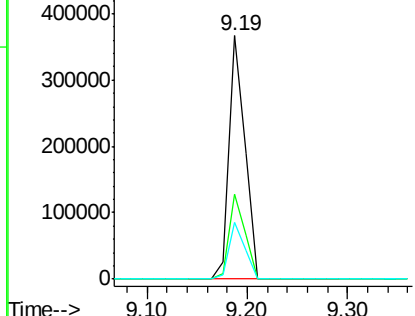
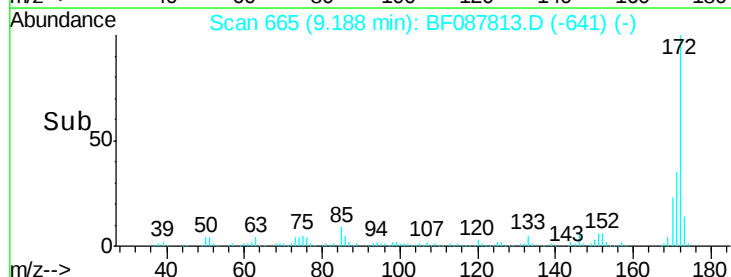


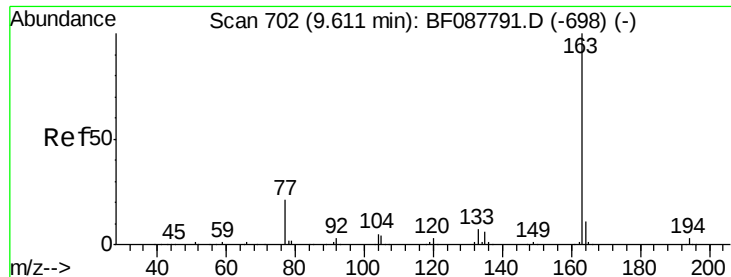
#44
 2-Fluorobiphenyl
 Concen: 29.57 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF087813.D
 Acq: 8 Jun 2016 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.5	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

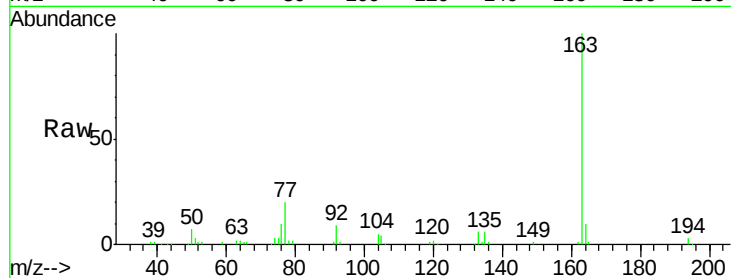




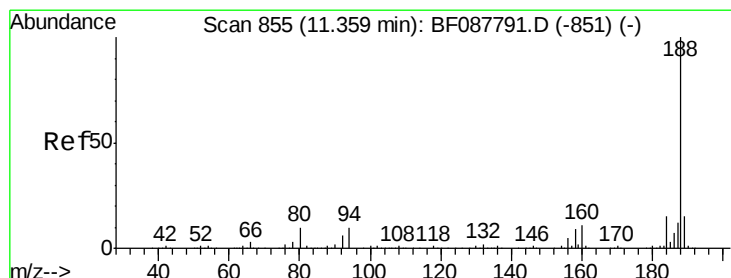
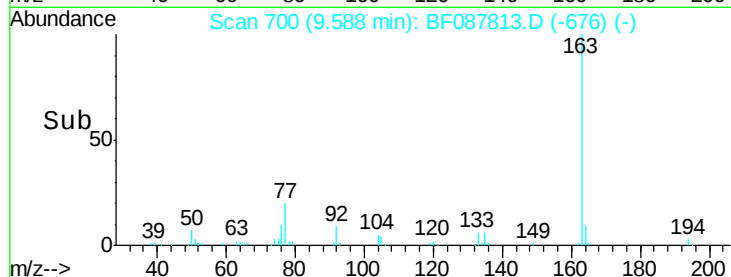
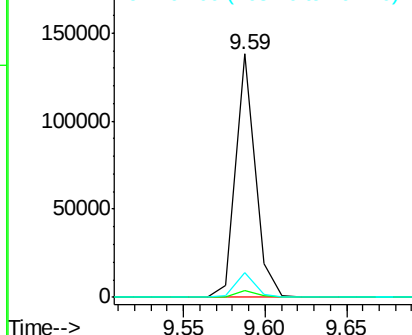
#49
Dimethylphthalate
Concen: 8.25 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087813.D
Acq: 8 Jun 2016 16:51

Instrument :
BNA_F
ClientSampleId :
SS-21

Tot Ion:163 Resp: 113697
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.0 8.3 12.5

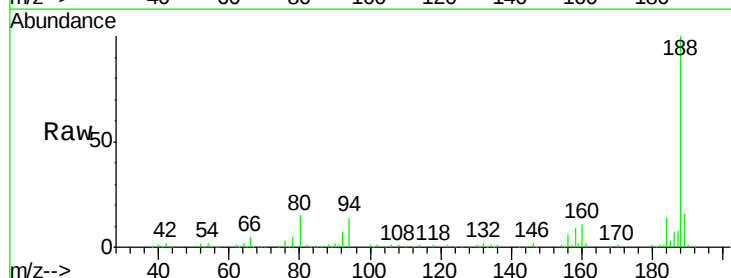


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

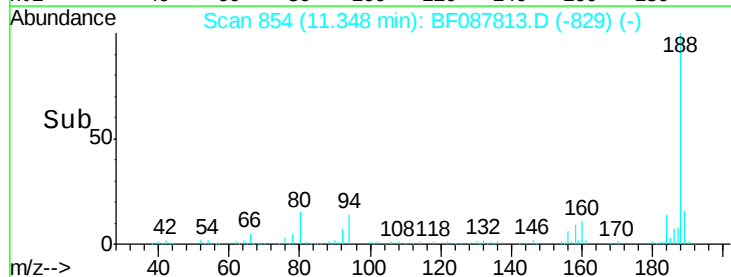
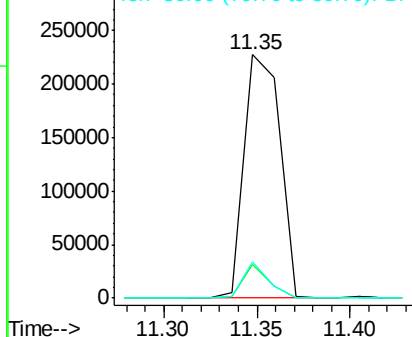


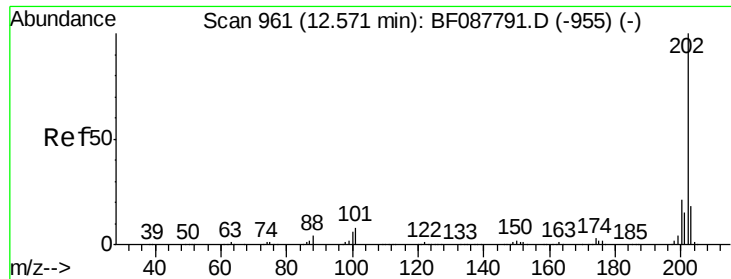
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087813.D
Acq: 8 Jun 2016 16:51

Tgt Ion:188 Resp: 302923
Ion Ratio Lower Upper
188 100
94 13.8 9.0 13.6#
80 15.1 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





#74

Fluoranthene

Concen: 2.08 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF087813.D

Acq: 8 Jun 2016 16:51

Instrument :

BNA_F

ClientSampleId :

SS-21

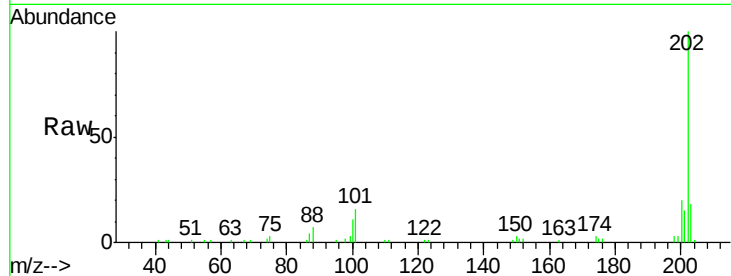
Tot Ion:202 Resp: 34930

Ion Ratio Lower Upper

202 100

101 15.6 0.0 33.1

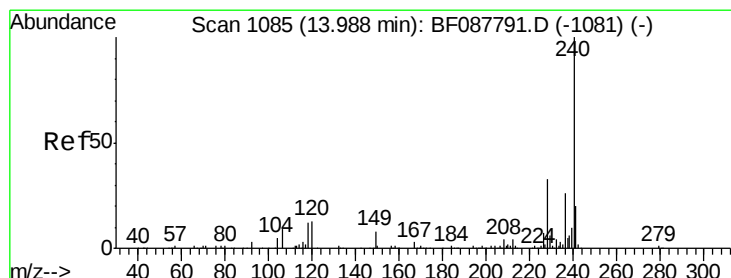
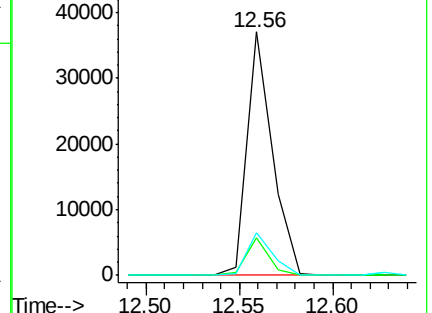
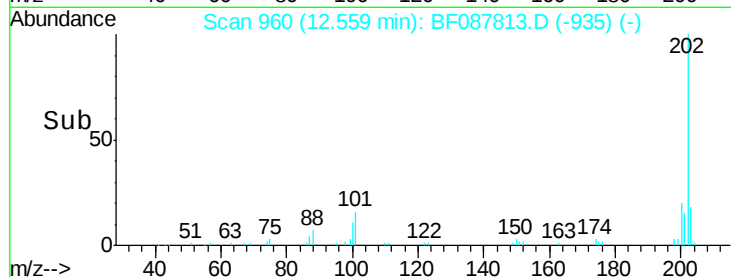
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087813.D

Acq: 8 Jun 2016 16:51

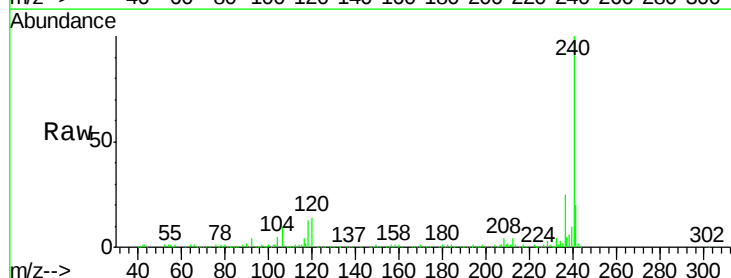
Tgt Ion:240 Resp: 222715

Ion Ratio Lower Upper

240 100

120 14.1 6.8 10.2#

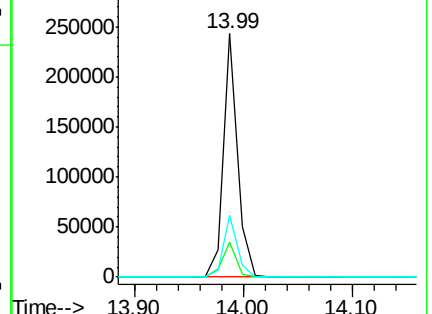
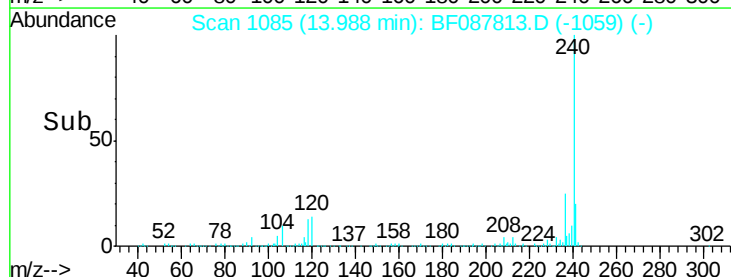
236 25.4 20.2 30.2

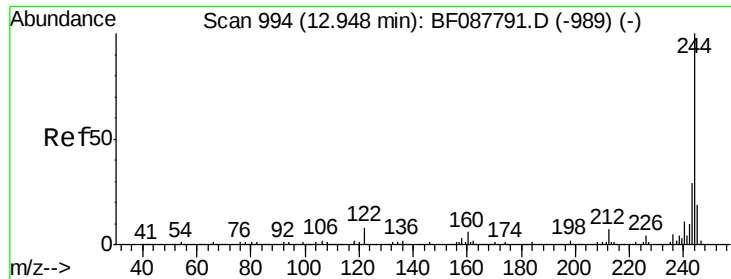


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 30.94 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF087813.D

Acq: 8 Jun 2016 16:51

Instrument :

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SS-21

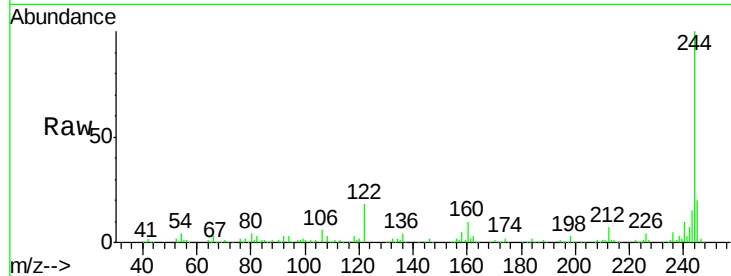
Tot Ion:244 Resp: 302773

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

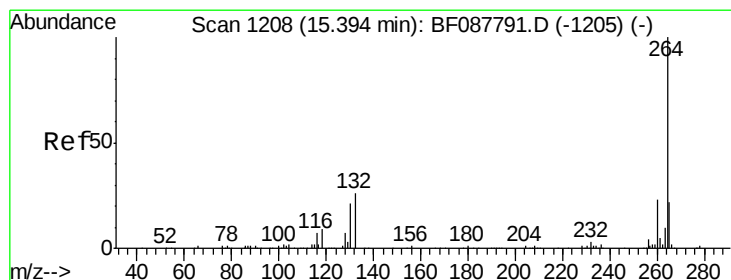
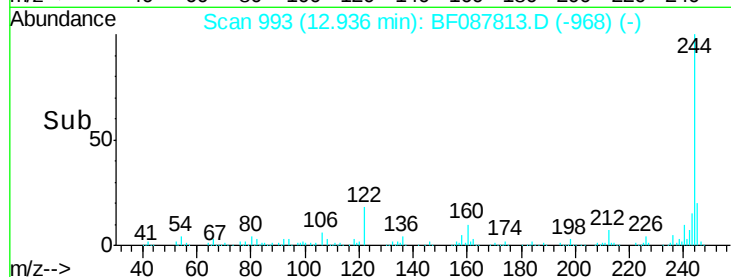
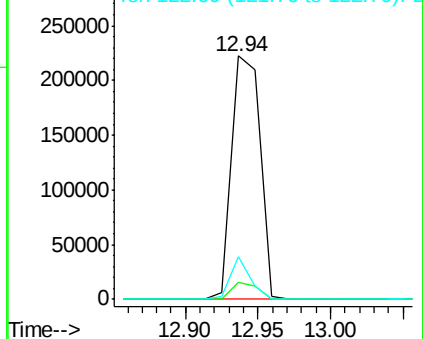
122 17.6 11.2 16.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.42 min Scan# 1210

Delta R.T. 0.02 min

Lab File: BF087813.D

Acq: 8 Jun 2016 16:51

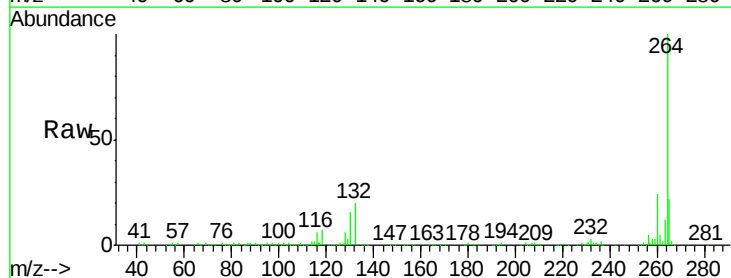
Tgt Ion:264 Resp: 218437

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.8 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

