

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
 Data File : BF087866.D
 Acq On : 9 Jun 2016 21:48
 Operator : UM/SJ
 Sample : H3378-11RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-21RE

Quant Time: Jun 10 03:13:43 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

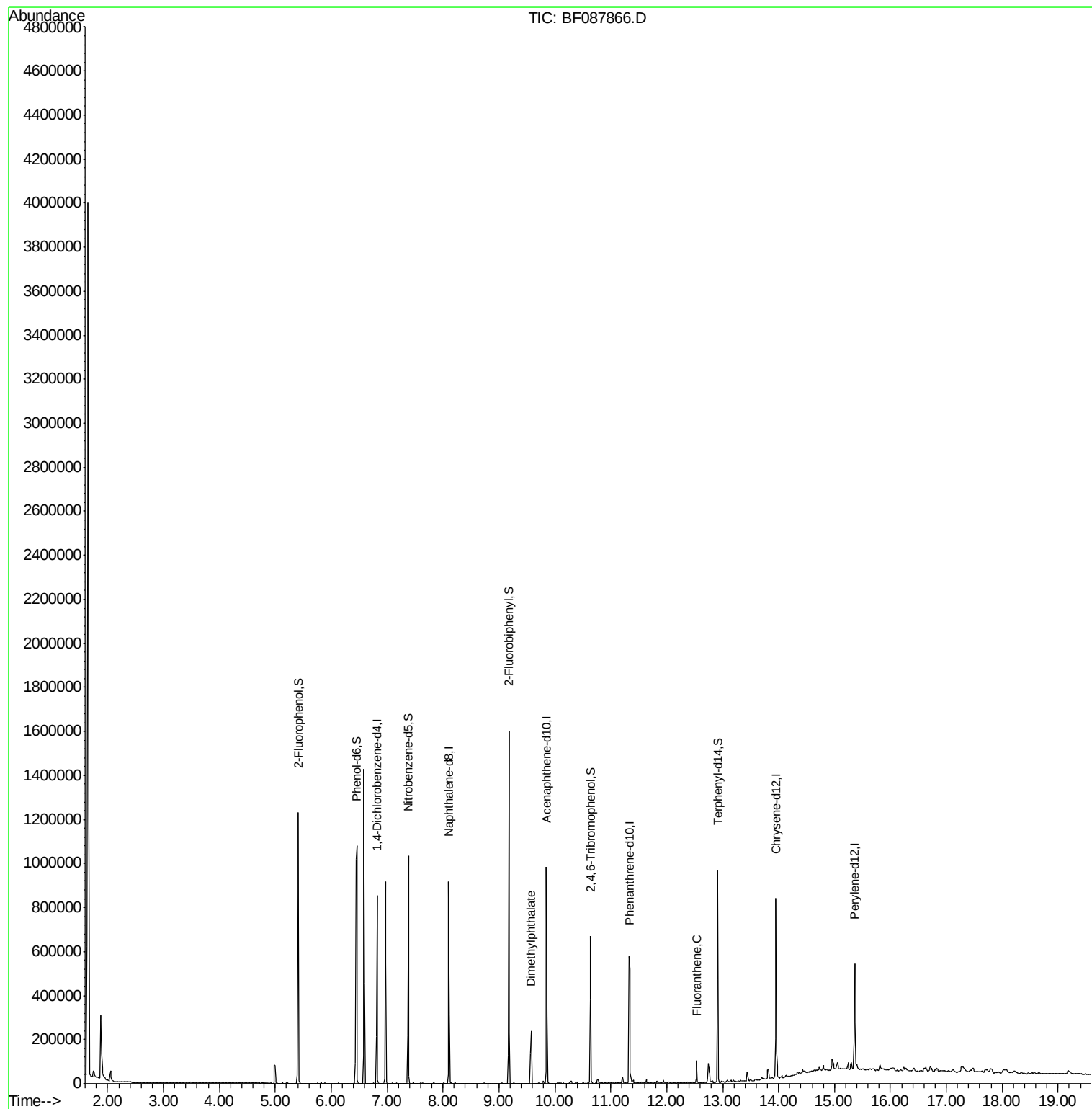
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	132474	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	446683	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	196434	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	306387	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	248554	20.00	ng	-0.03
86) Perylene-d12	15.36	264	204106	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	457686	59.06	ng	-0.01
7) Phenol-d6	6.46	99	593895	63.24	ng	-0.02
23) Nitrobenzene-d5	7.38	82	308660	40.35	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	103598	49.95	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	469017	34.20	ng	-0.03
78) Terphenyl-d14	12.91	244	339244	31.06	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.58	163	128584	9.04	ng	99
74) Fluoranthene	12.54	202	39723	2.34	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: BF087866.D

Acq: 9 Jun 2016 21:48

Instrument :

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ClientSampleId :

SS-21RE

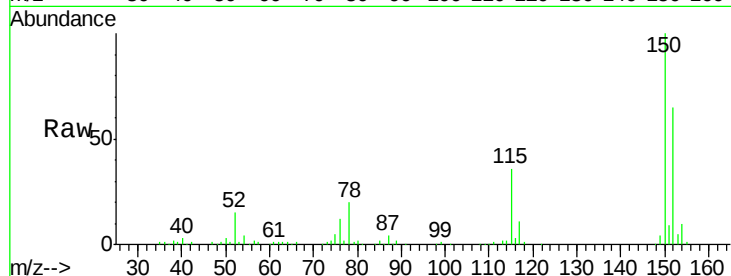
Tot Ion:152 Resp: 132474

Ion Ratio Lower Upper

152 100

150 153.3 123.8 185.6

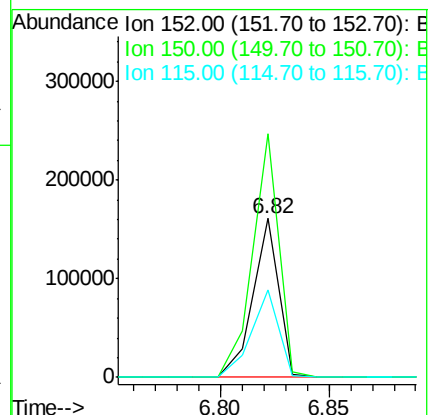
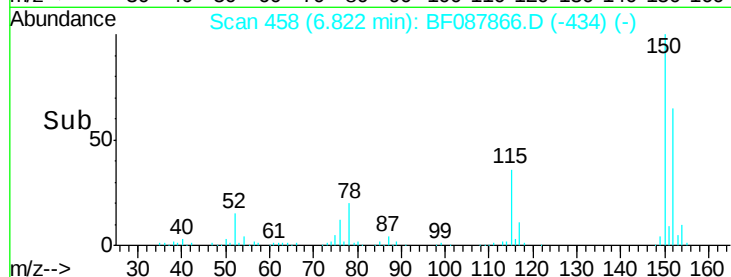
115 55.1 39.6 59.4



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: 59.06 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087866.D

Acq: 9 Jun 2016 21:48

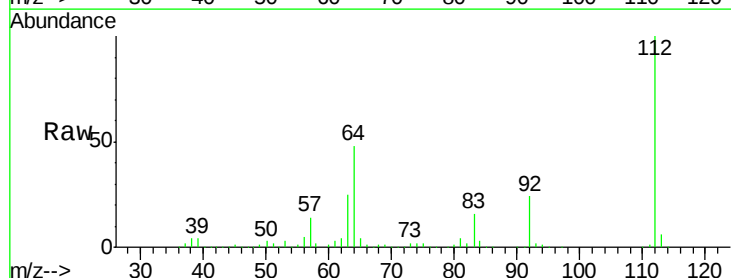
Tgt Ion:112 Resp: 457686

Ion Ratio Lower Upper

112 100

64 47.9 42.2 63.2

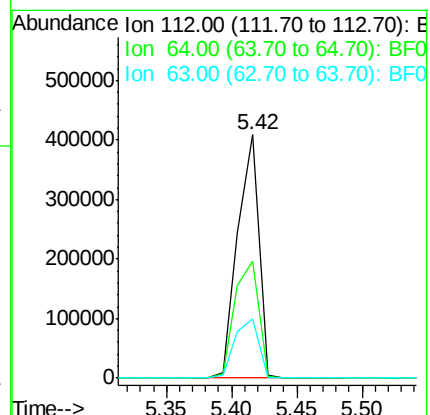
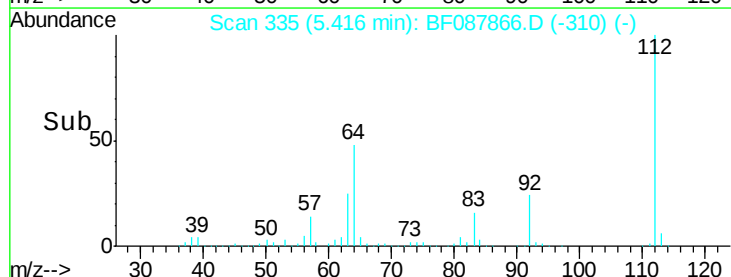
63 24.5 21.8 32.8



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: 63.24 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087866.D

Acq: 9 Jun 2016 21:48

Instrument :

BNA_F

ClientSampleId :

SS-21RE

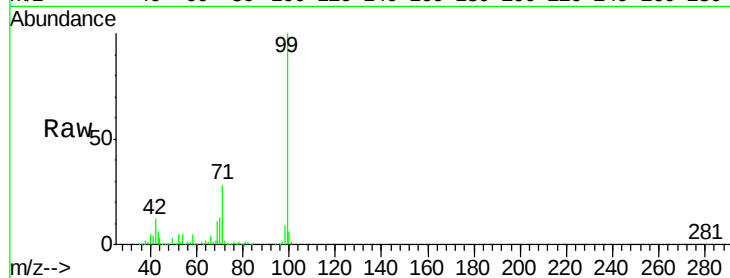
Tot Ion: 99 Resp: 593895

Ion Ratio Lower Upper

99 100

42 12.0 12.2 18.2#

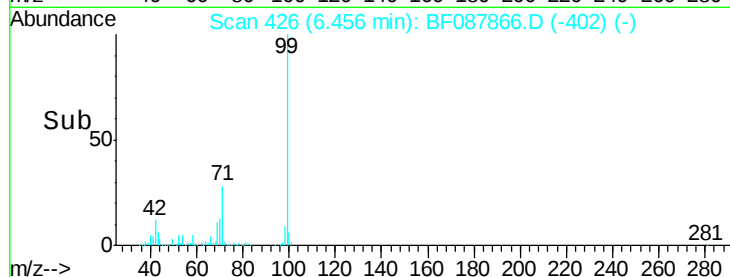
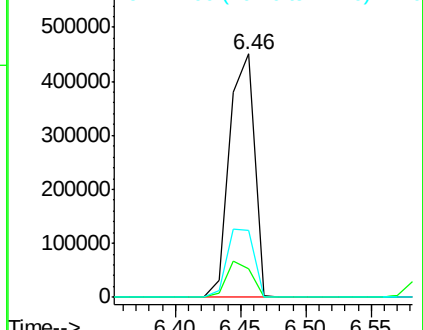
71 27.6 23.4 35.0



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: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF087866.D

Acq: 9 Jun 2016 21:48

Tgt Ion: 136 Resp: 446683

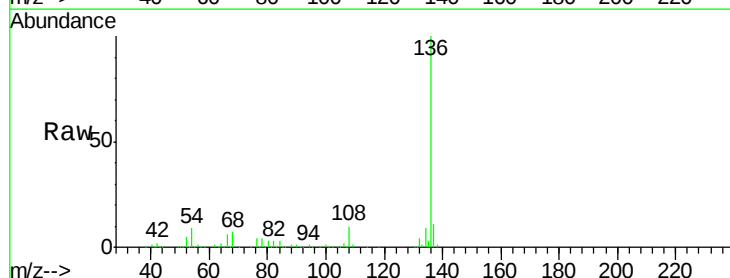
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.8 6.6 10.0

68 7.1 5.1 7.7

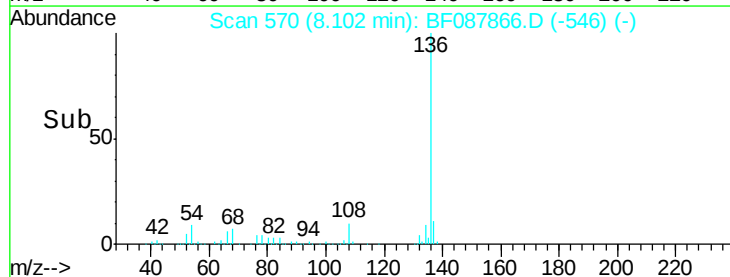
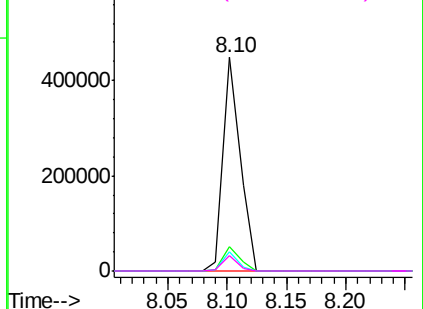


Abundance Ion 136.00 (135.70 to 136.70): E

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

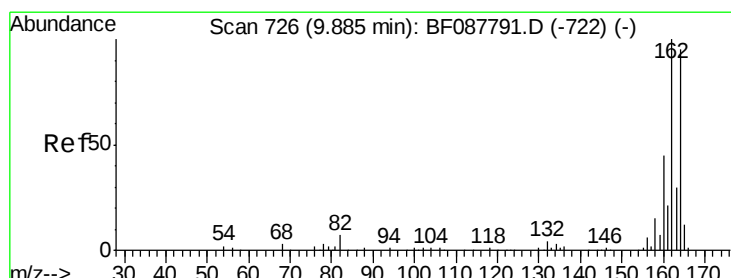
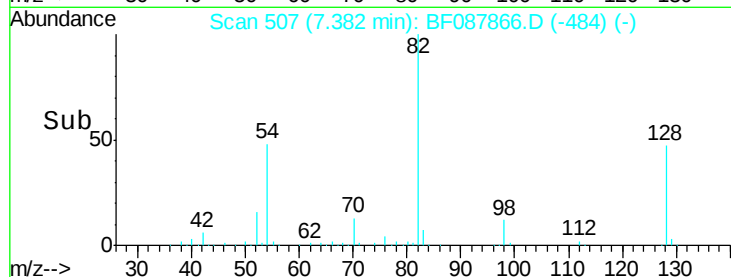
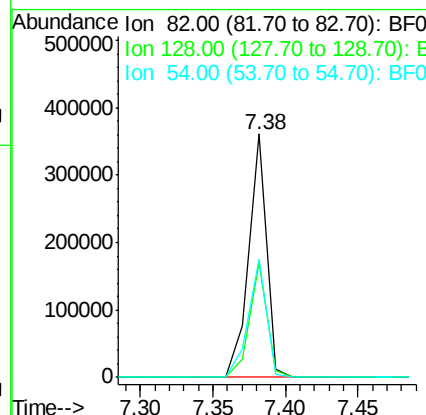
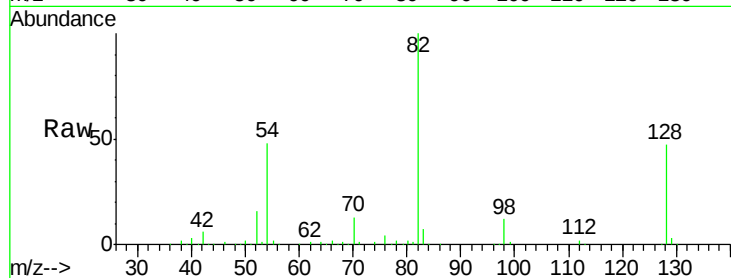




#23
 Nitrobenzene-d5
 Concen: 40.35 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF087866.D
 Acq: 9 Jun 2016 21:48

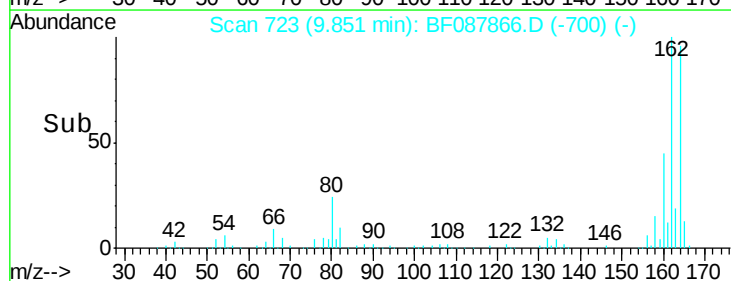
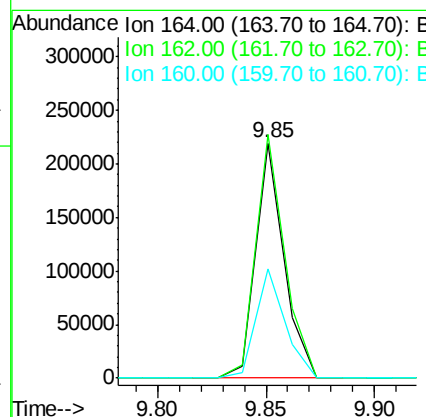
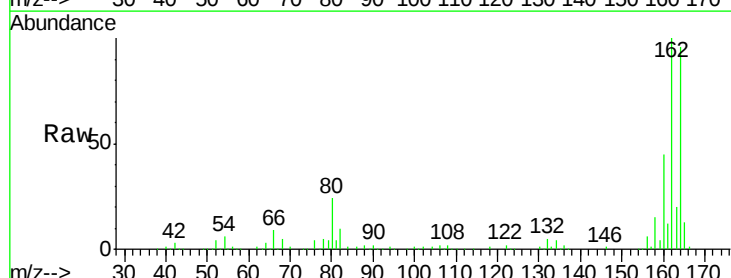
Instrument :
 BNA_F
 ClientSampled :
 SS-21RE

Tot Ion: 82 Resp: 308660
 Ion Ratio Lower Upper
 82 100
 128 46.8 35.9 53.9
 54 48.3 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF087866.D
 Acq: 9 Jun 2016 21:48

Tgt Ion:164 Resp: 196434
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.4 128.2
 160 46.7 39.5 59.3

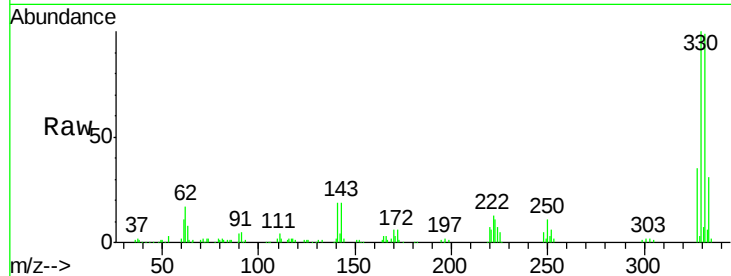




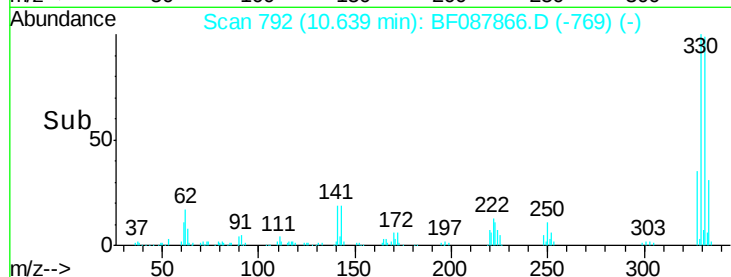
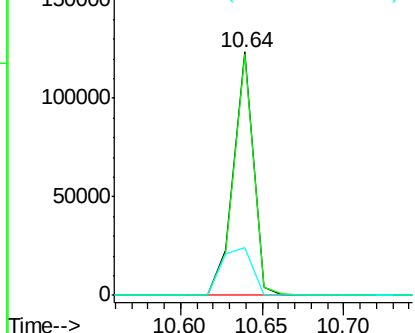
#41
 2,4,6-Tribromophenol
 Concen: 49.95 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087866.D
 Acq: 9 Jun 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 SS-21RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	30.5	0.0	0.0#

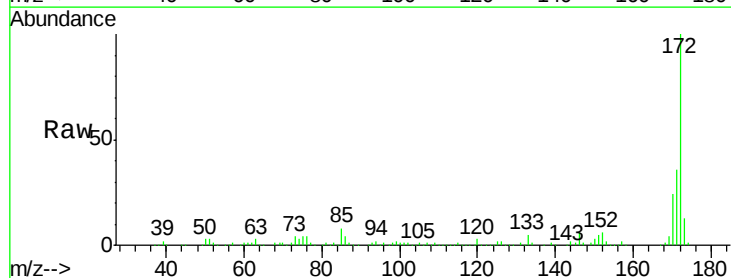


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

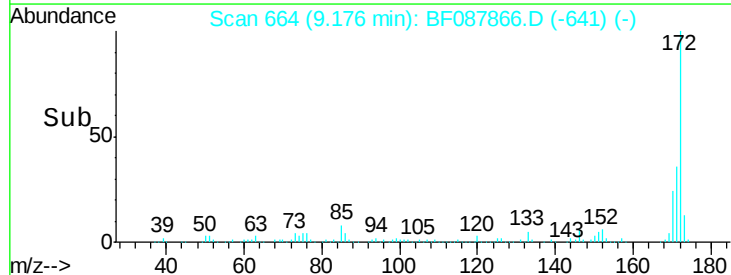
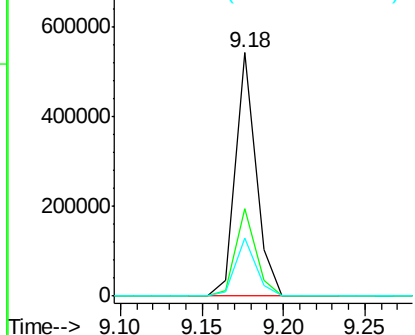


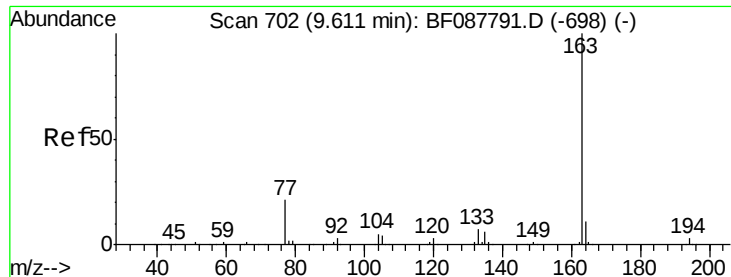
#44
 2-Fluorobiphenyl
 Concen: 34.20 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087866.D
 Acq: 9 Jun 2016 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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: 9.04 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087866.D

Acq: 9 Jun 2016 21:48

Instrument :

BNA_F

ClientSampleId :

SS-21RE

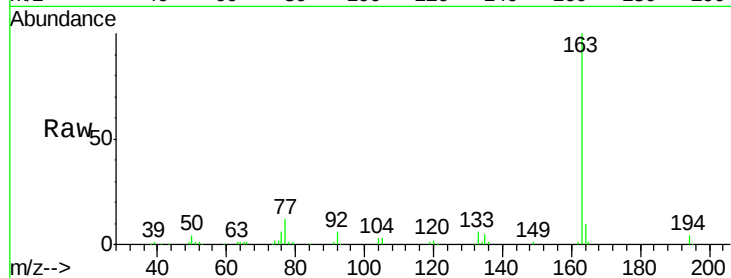
Tot Ion:163 Resp: 128584

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

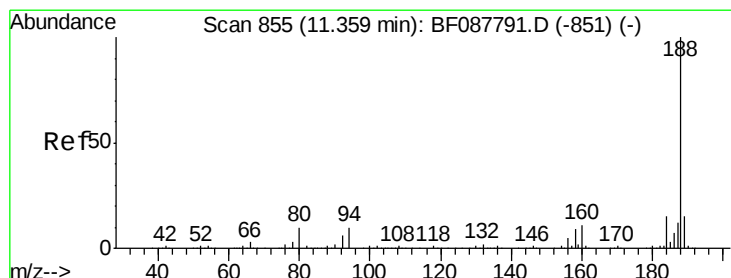
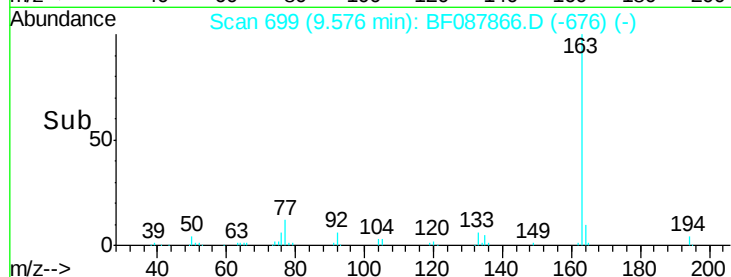
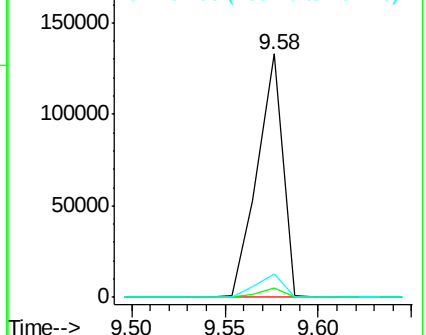
164 9.8 8.3 12.5



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: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF087866.D

Acq: 9 Jun 2016 21:48

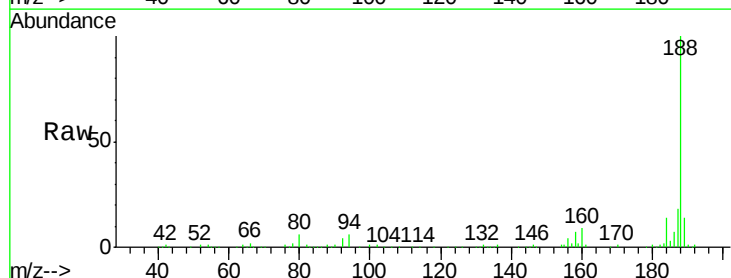
Tgt Ion:188 Resp: 306387

Ion Ratio Lower Upper

188 100

94 6.4 9.0 13.6#

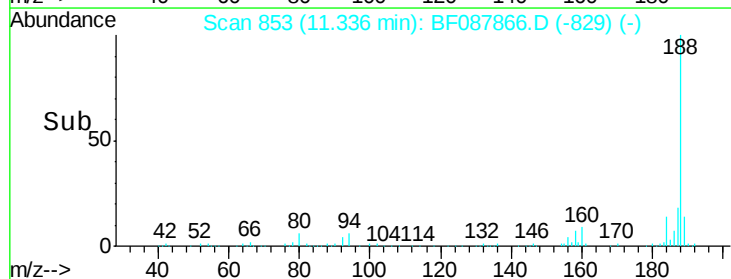
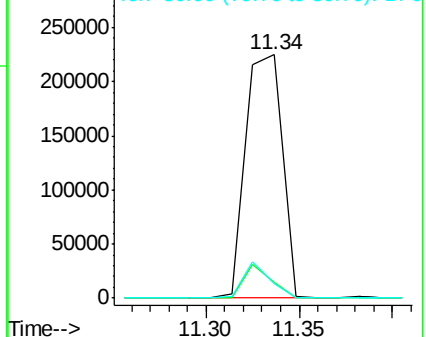
80 6.1 10.0 15.0#

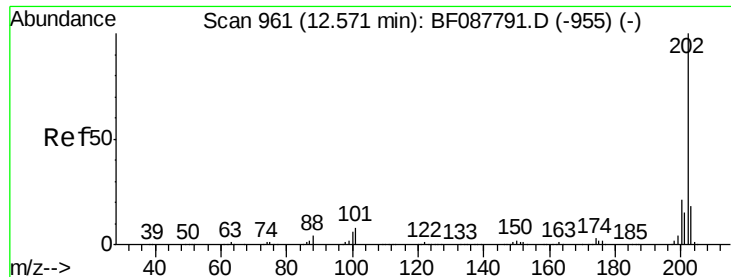


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.34 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087866.D

Acq: 9 Jun 2016 21:48

Instrument :

BNA_F

ClientSampleId :

SS-21RE

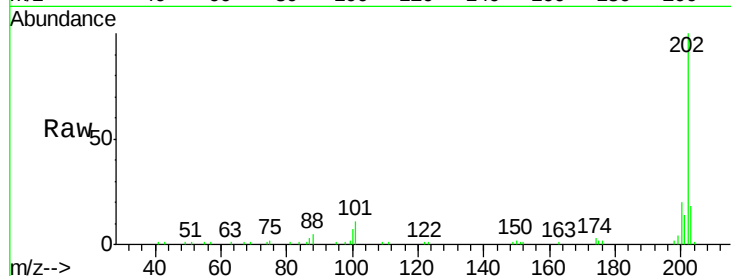
Tot Ion:202 Resp: 39723

Ion Ratio Lower Upper

202 100

101 10.5 0.0 33.1

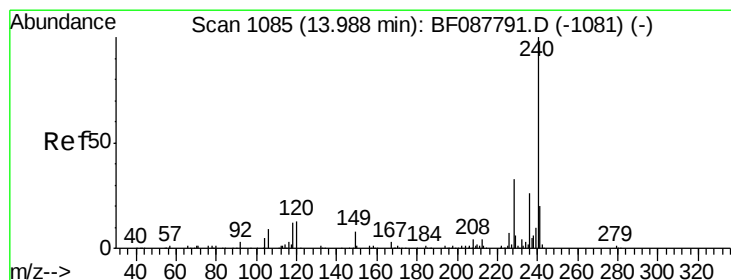
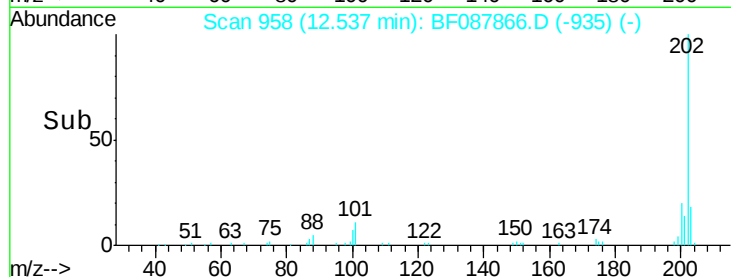
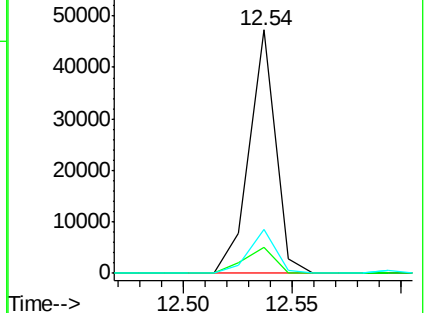
203 17.9 0.0 38.1



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: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087866.D

Acq: 9 Jun 2016 21:48

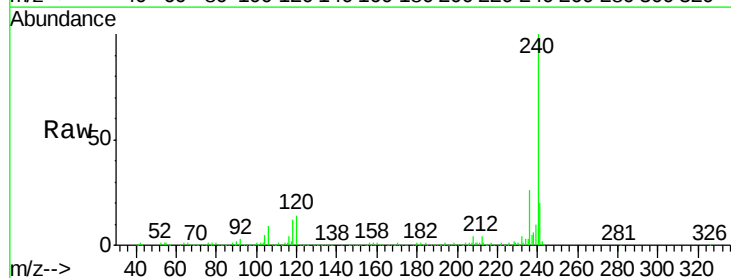
Tgt Ion:240 Resp: 248554

Ion Ratio Lower Upper

240 100

120 13.9 6.8 10.2#

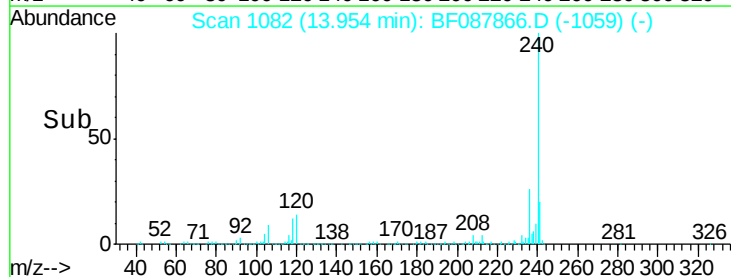
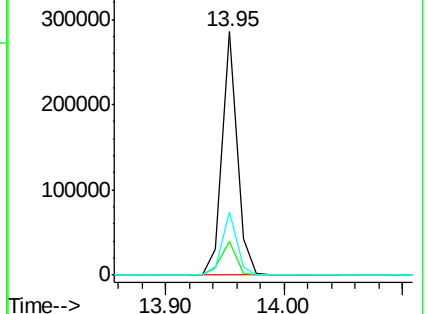
236 25.7 20.2 30.2

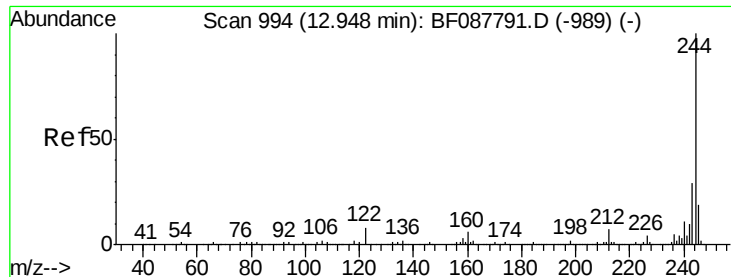


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

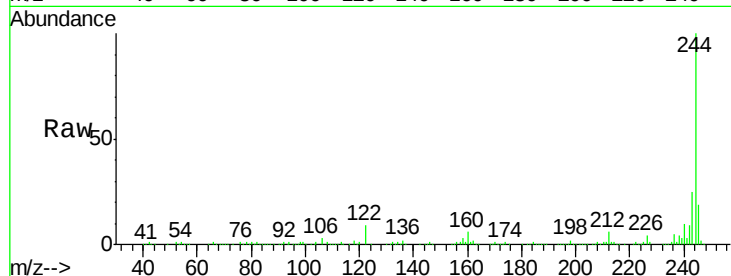




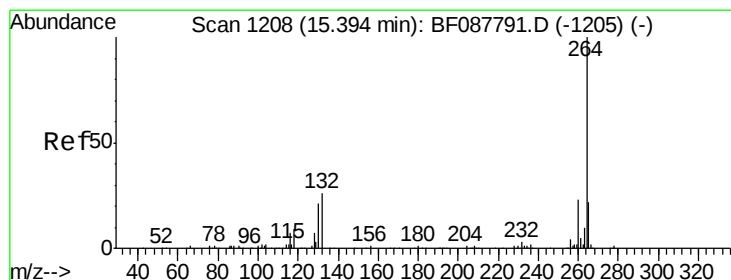
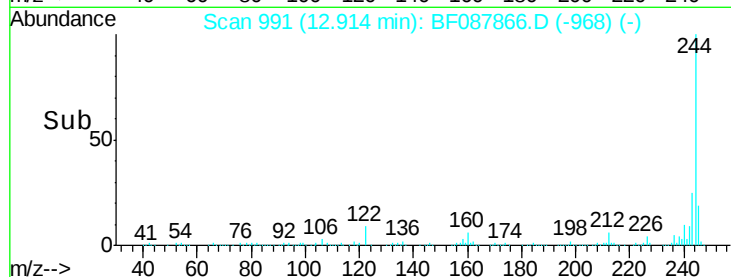
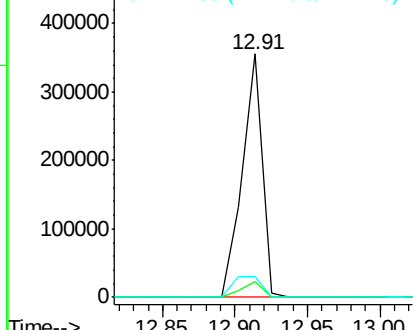
#78
 Terphenyl-d14
 Concen: 31.06 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087866.D
 Acq: 9 Jun 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 SS-21RE

Tot Ion:244 Resp: 339244
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.0 9.0
 122 8.7 11.2 16.8#

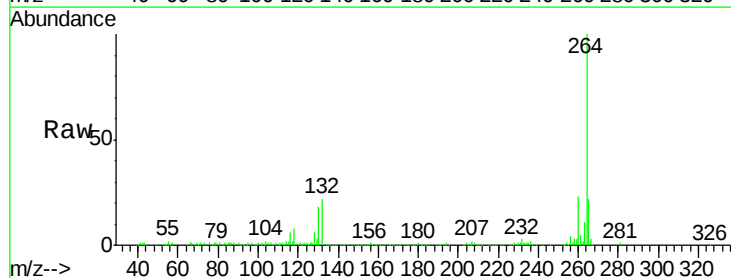


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF087866.D
 Acq: 9 Jun 2016 21:48

Tgt Ion:264 Resp: 204106
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.1 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

