

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092614.D
 Acq On : 28 Jan 2017 9:17
 Operator : SJ/MA
 Sample : I1528-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Quant Time: Jan 30 00:18:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

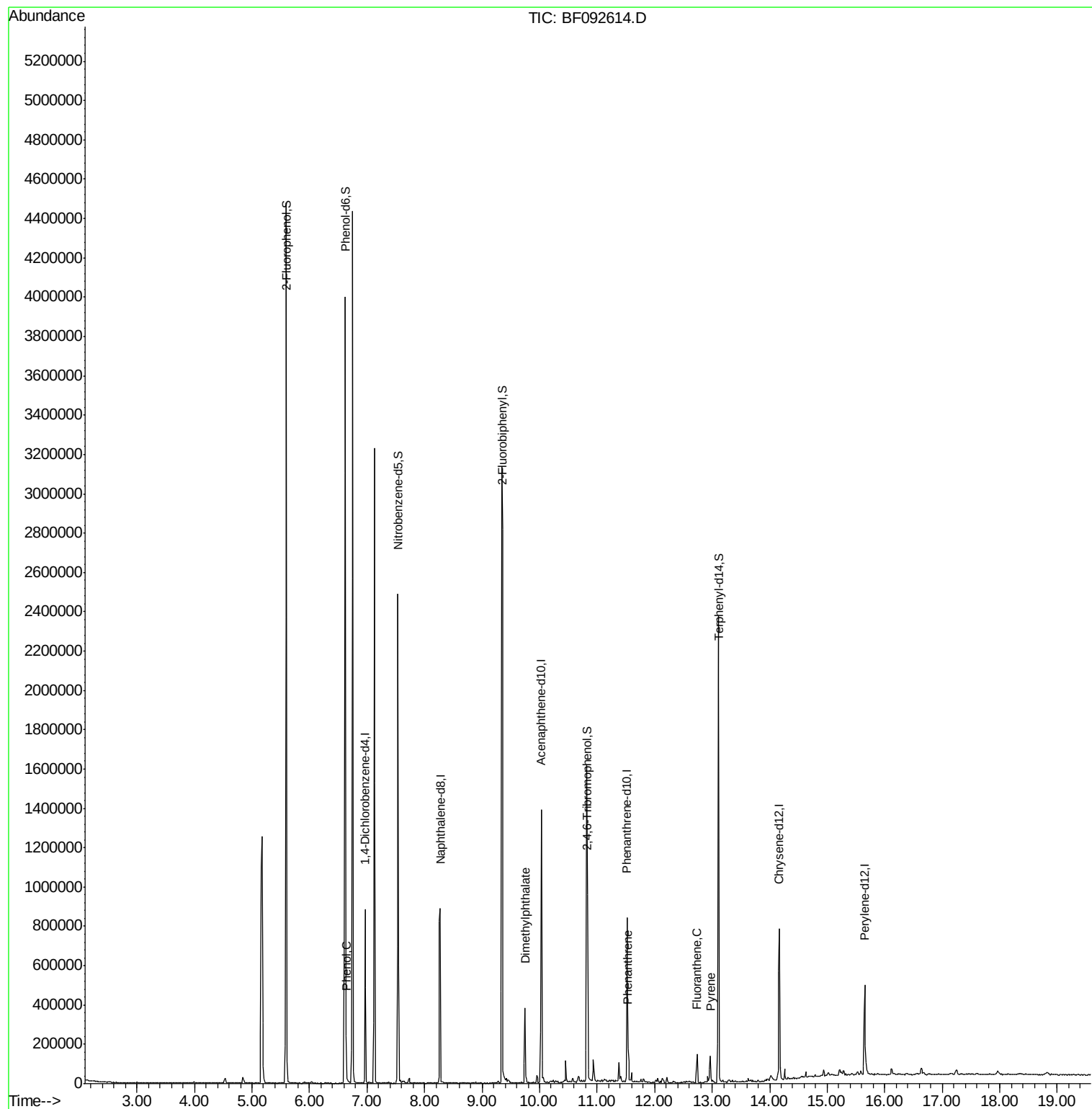
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	157005	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	608685	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	294862	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	397816	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	332778	20.00	ng	0.00
86) Perylene-d12	15.65	264	241227	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1335742	132.37	ng	0.05
7) Phenol-d6	6.62	99	1800419	140.07	ng	0.03
23) Nitrobenzene-d5	7.54	82	879546	78.93	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	235409	117.16	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1617685	101.45	ng	0.00
78) Terphenyl-d14	13.12	244	1072601	85.83	ng	0.00
Target Compounds						
10) Phenol	6.64	94	75057	4.84	ng	Qvalue # 59
49) Dimethylphthalate	9.74	163	173728	9.27	ng	100
70) Phenanthrene	11.54	178	74382	3.40	ng	96
74) Fluoranthene	12.74	202	68278	3.19	ng	92
77) Pyrene	12.97	202	59911	2.48	ng	98

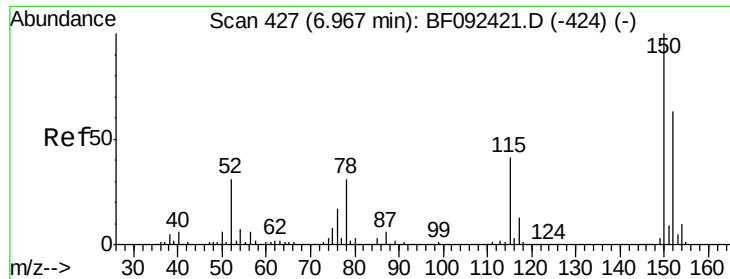
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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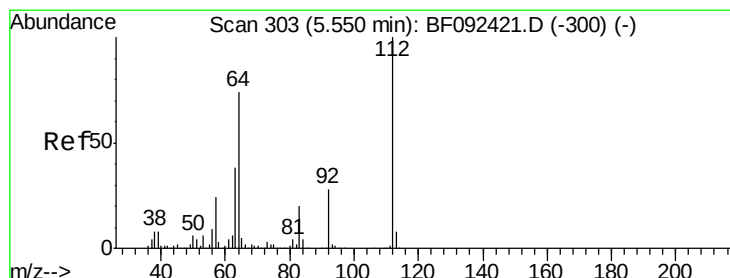
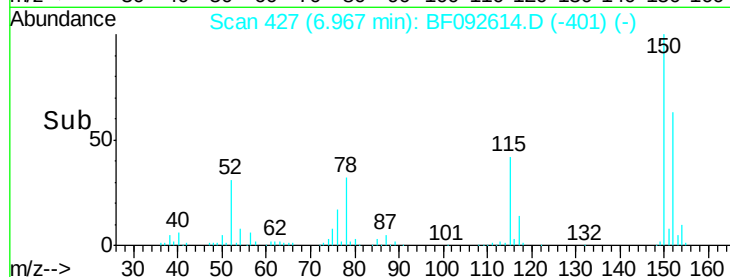
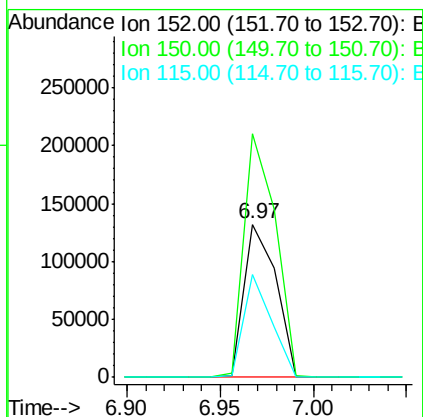
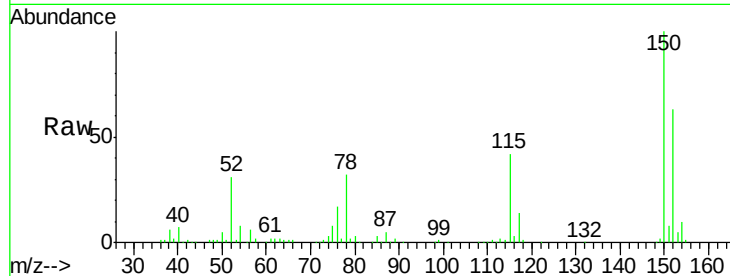




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

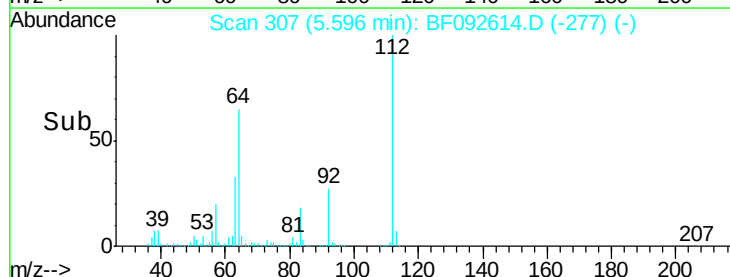
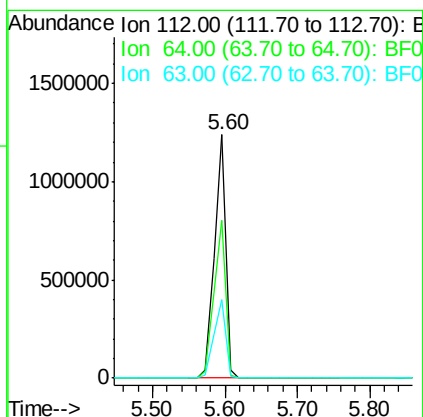
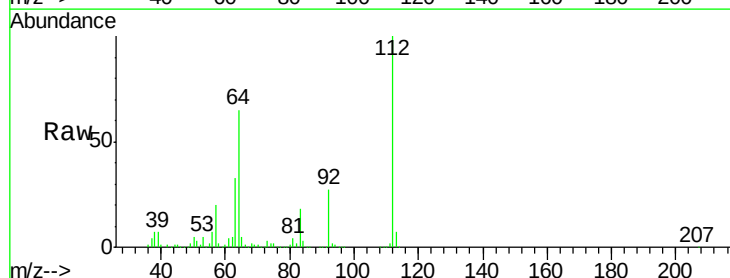
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

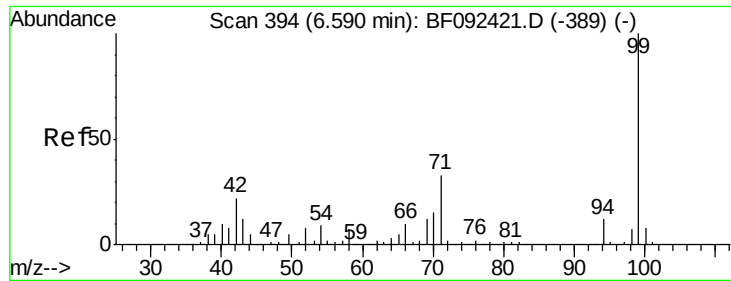
Tgt Ion:152 Resp: 157005
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.9 187.3
 115 67.6 46.0 69.0



#5
 2-Fluorophenol
 Concen: 132.37 ng
 RT: 5.60 min Scan# 307
 Delta R.T. 0.05 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Tgt Ion:112 Resp: 1335742
 Ion Ratio Lower Upper
 112 100
 64 64.9 46.1 69.1
 63 32.5 23.8 35.6





#7

Phenol-d6

Concen: 140.07 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

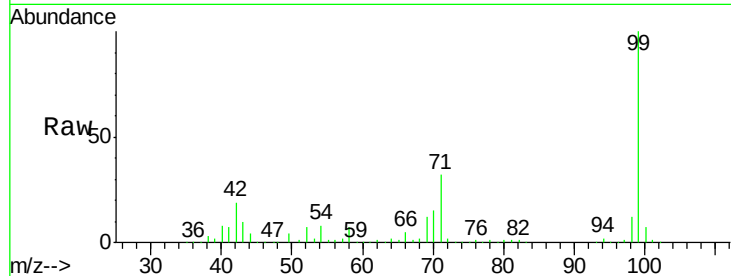
Tgt Ion: 99 Resp: 1800419

Ion Ratio Lower Upper

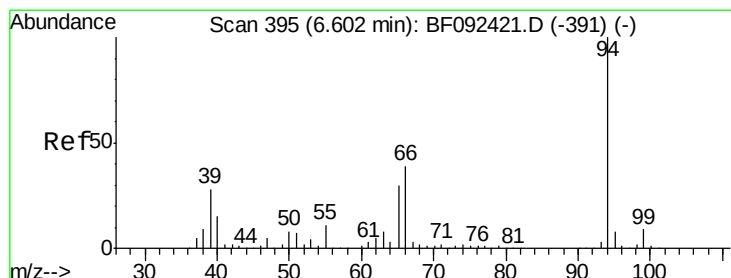
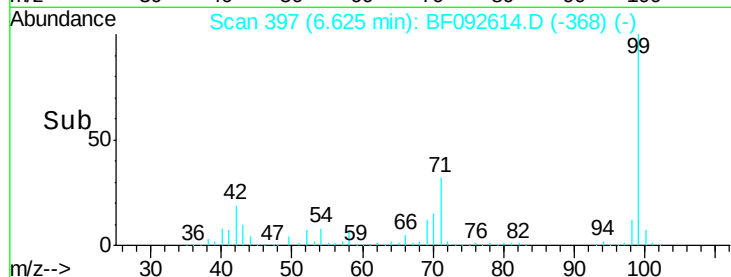
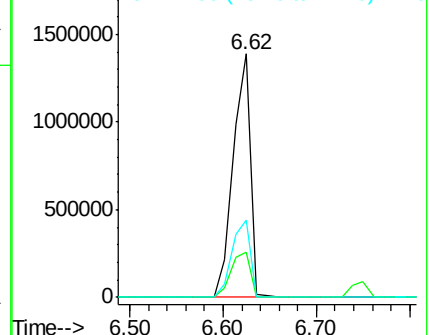
99 100

42 18.6 15.6 23.4

71 31.9 27.5 41.3



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



#10

Phenol

Concen: 4.84 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

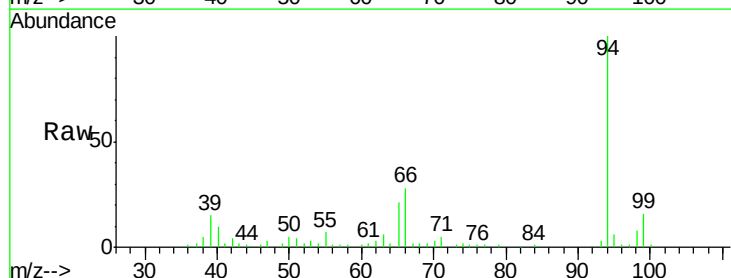
Tgt Ion: 94 Resp: 75057

Ion Ratio Lower Upper

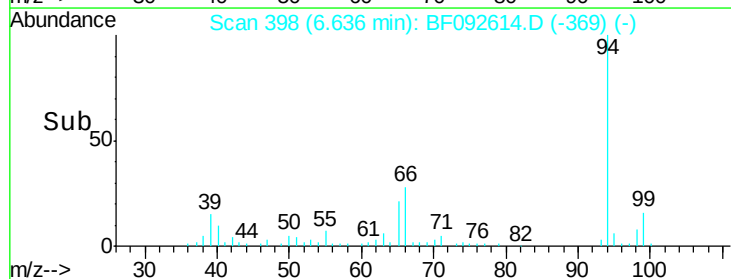
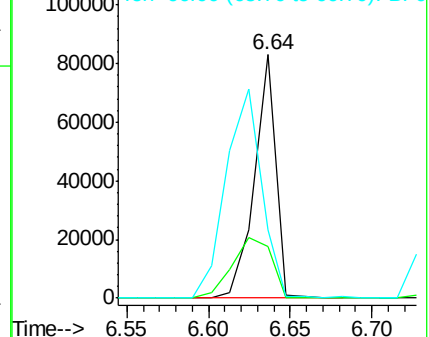
94 100

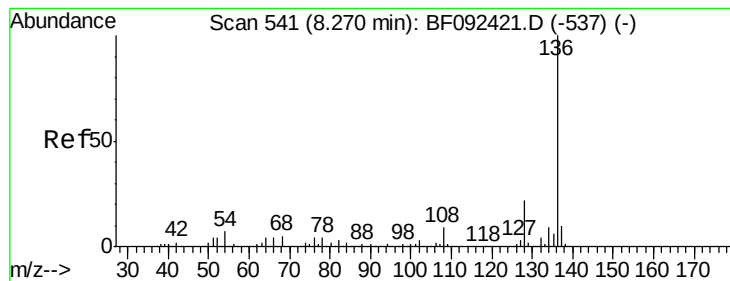
65 21.2 21.4 61.4#

66 28.0 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

Tgt Ion:136 Resp: 608685

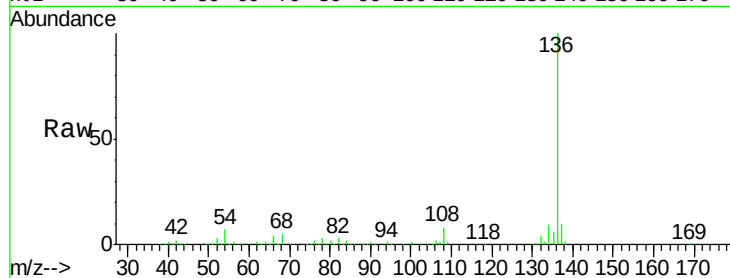
Ion Ratio Lower Upper

136 100

137 10.3 8.4 12.6

54 6.5 4.5 6.7

68 4.7 3.6 5.4

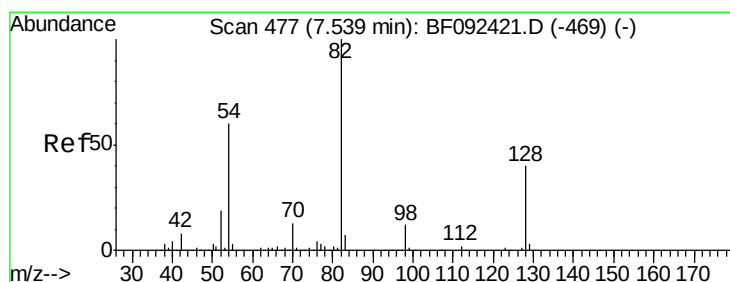
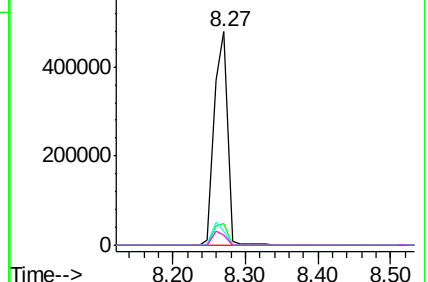
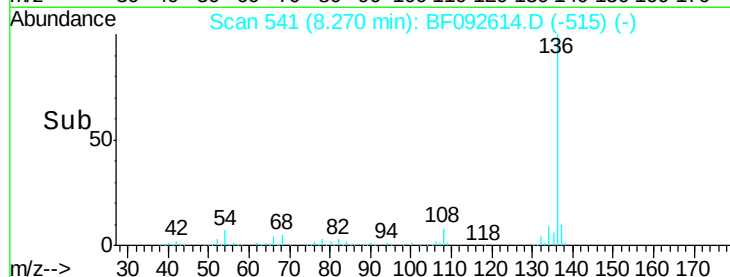


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.93 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

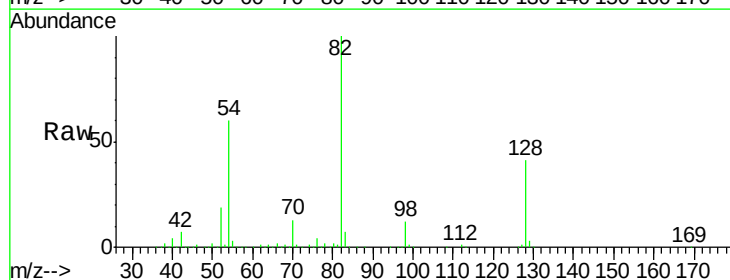
Tgt Ion: 82 Resp: 879546

Ion Ratio Lower Upper

82 100

128 41.2 34.6 52.0

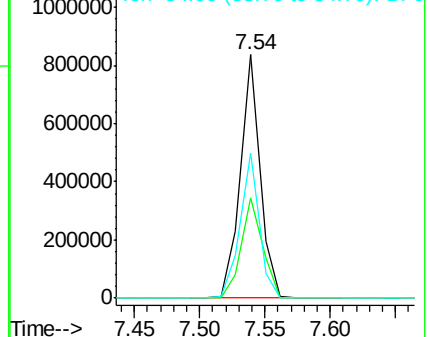
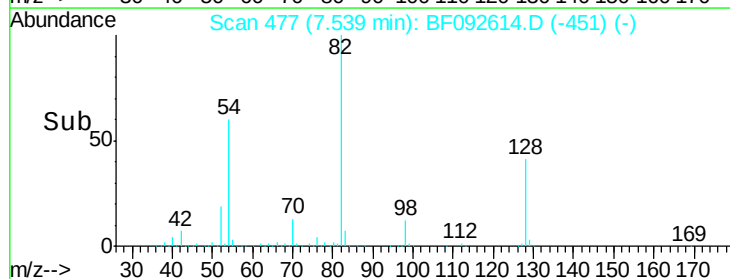
54 59.6 39.5 59.3#

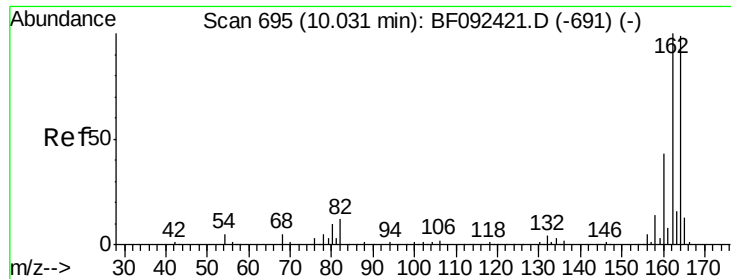


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

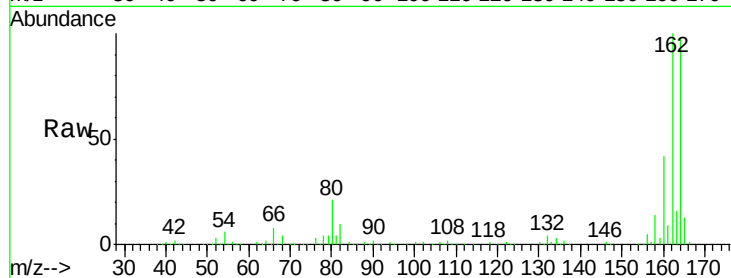
Tgt Ion:164 Resp: 294862

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

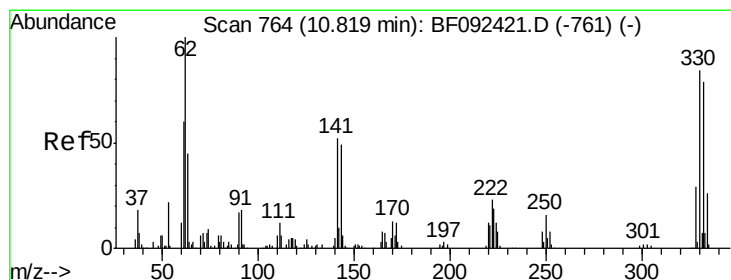
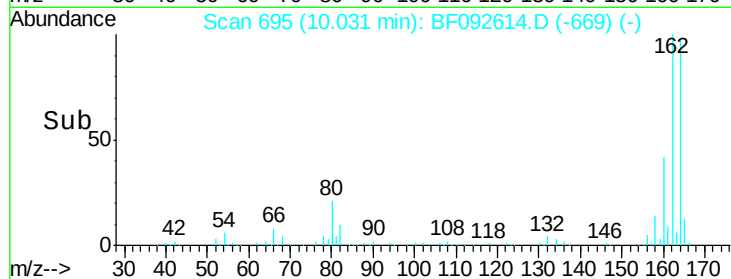
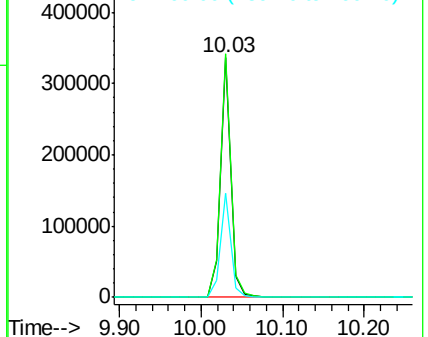
160 43.2 36.9 55.3



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: 117.16 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

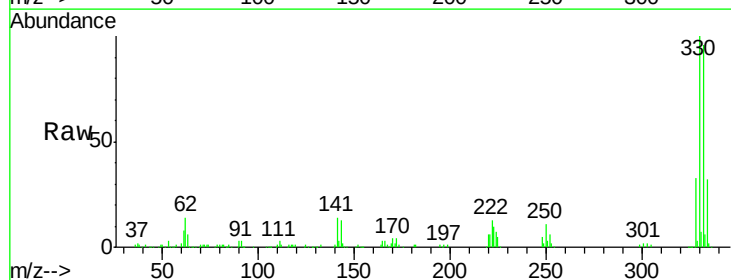
Tgt Ion:330 Resp: 235409

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

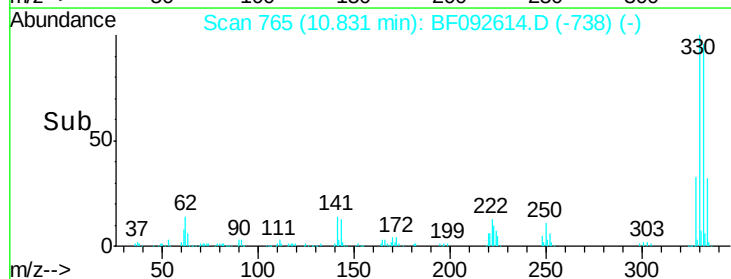
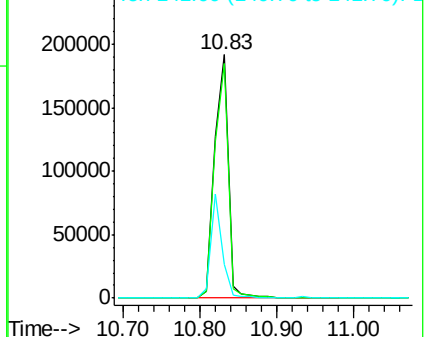
141 35.6 34.1 51.1

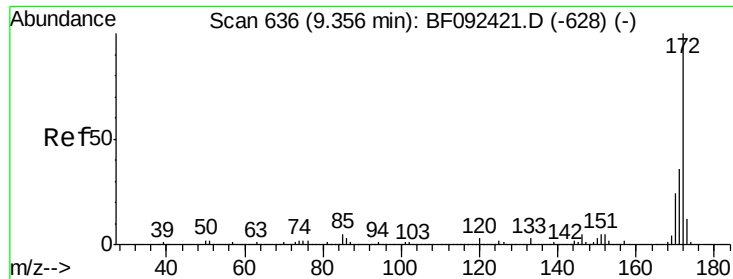


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



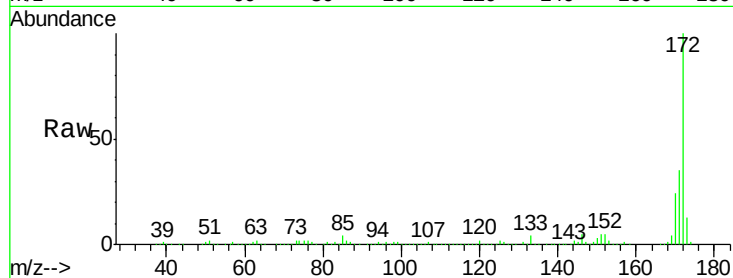


#44
 2-Fluorobiphenyl
 Concen: 101.45 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

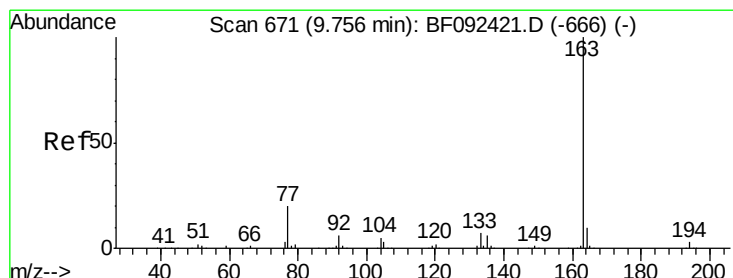
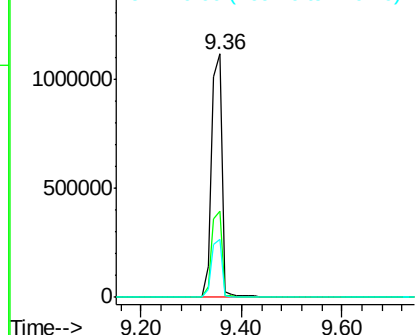
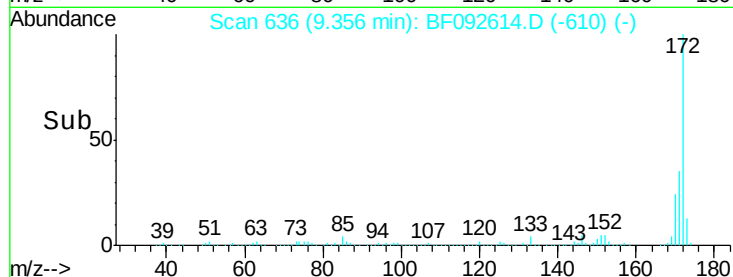
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:172 Resp: 1617685

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.8	20.2	30.4



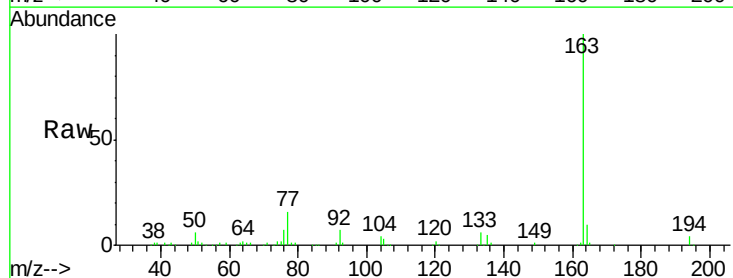
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



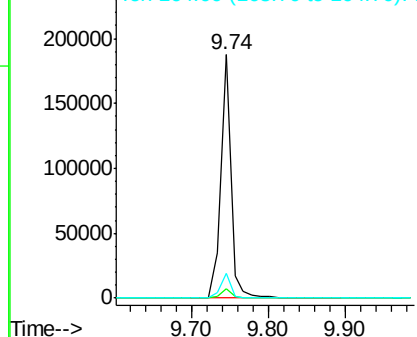
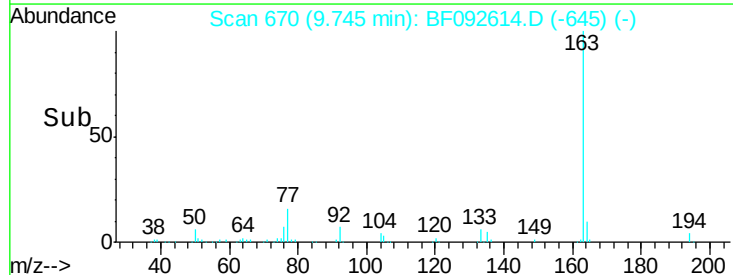
#49
 Dimethylphthalate
 Concen: 9.27 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

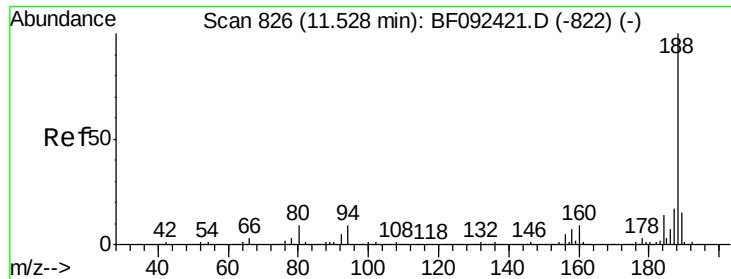
Tgt Ion:163 Resp: 173728

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.0	8.0	12.0



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

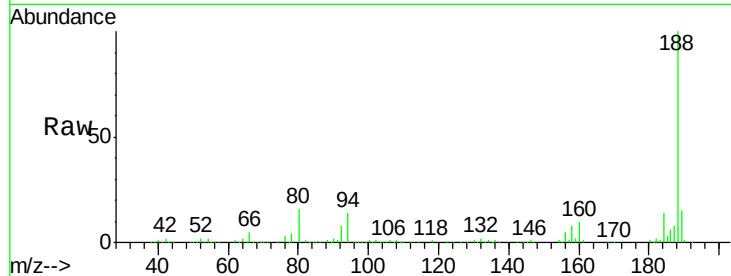




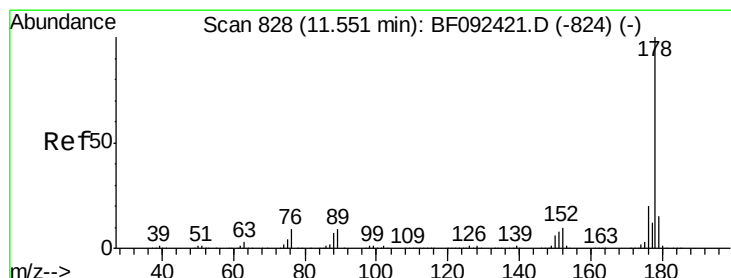
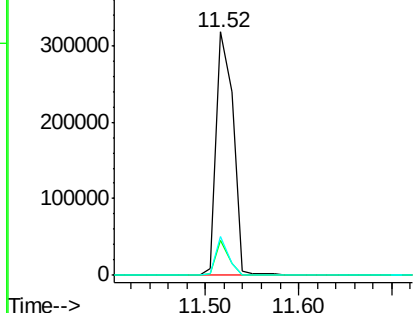
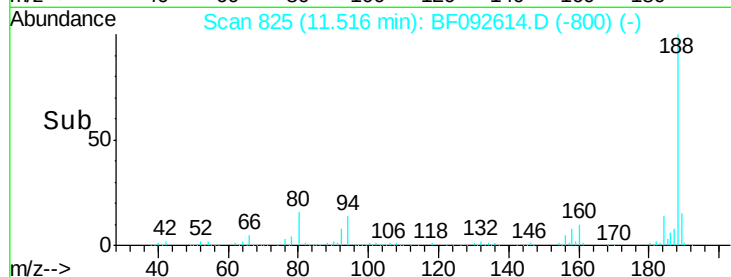
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:188 Resp: 397816
 Ion Ratio Lower Upper
 188 100
 94 14.3 10.0 15.0
 80 15.8 11.2 16.8

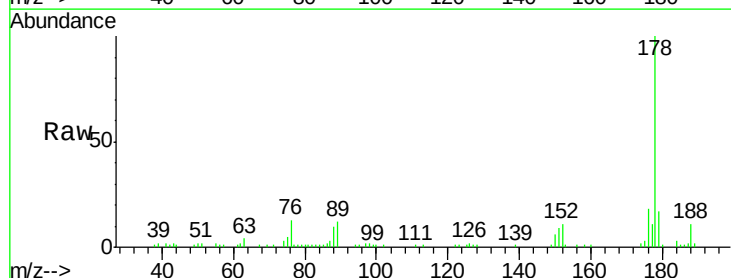


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

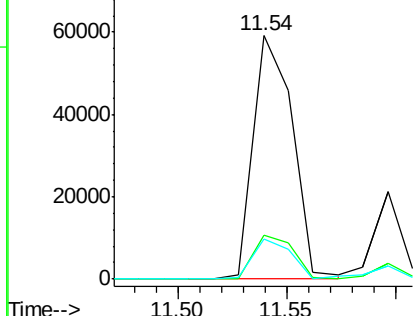
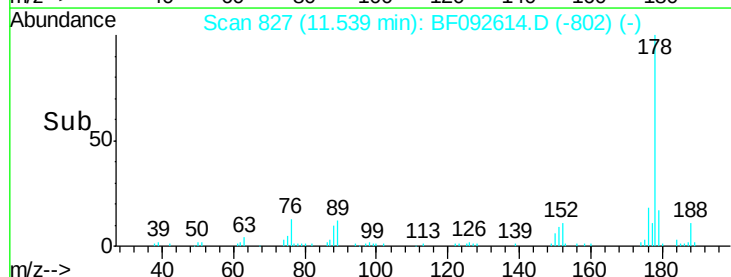


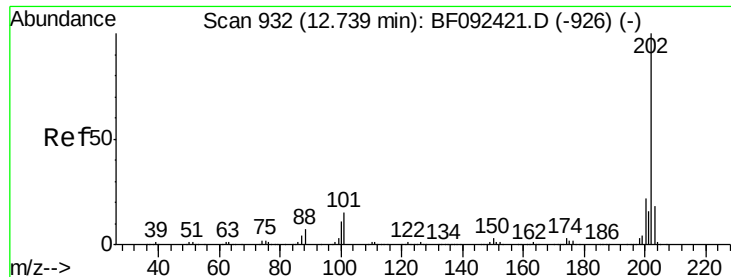
#70
 Phenanthrene
 Concen: 3.40 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Tgt Ion:178 Resp: 74382
 Ion Ratio Lower Upper
 178 100
 176 18.1 16.6 25.0
 179 16.5 12.8 19.2



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





#74

Fluoranthene

Concen: 3.19 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

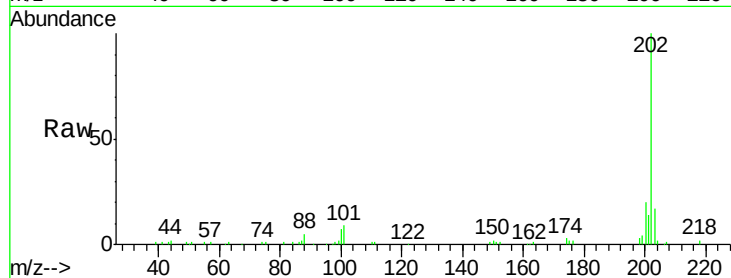
Tgt Ion:202 Resp: 68278

Ion Ratio Lower Upper

202 100

101 9.0 0.0 34.6

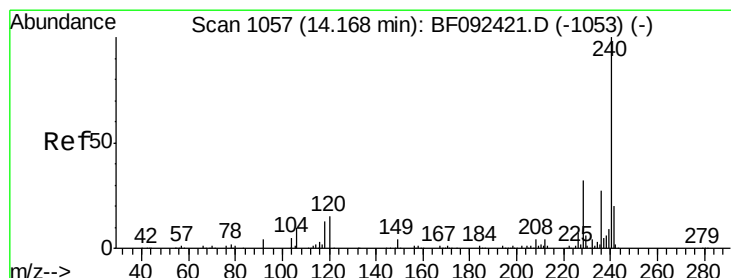
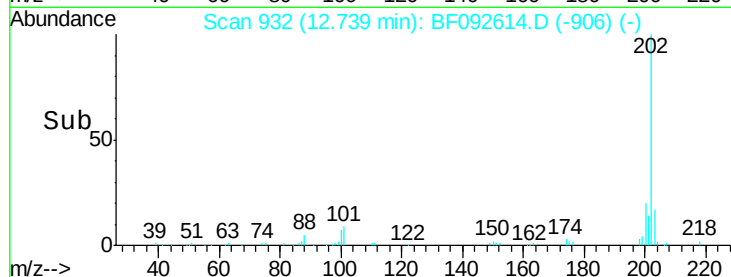
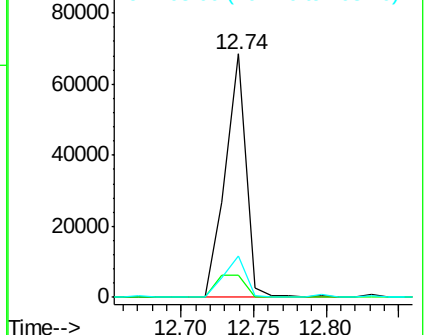
203 17.0 0.0 38.7



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: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

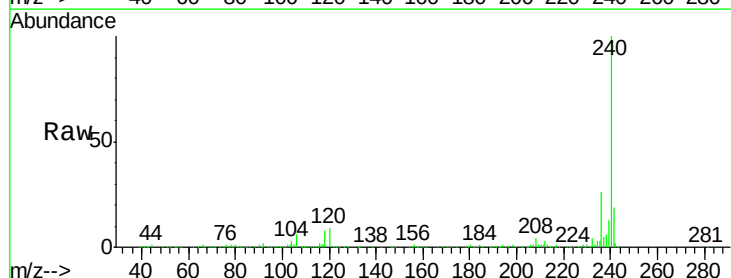
Tgt Ion:240 Resp: 332778

Ion Ratio Lower Upper

240 100

120 9.0 12.9 19.3#

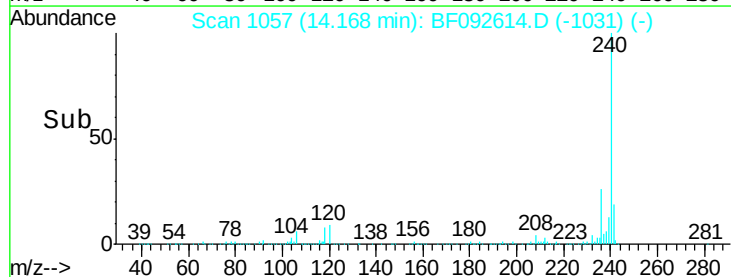
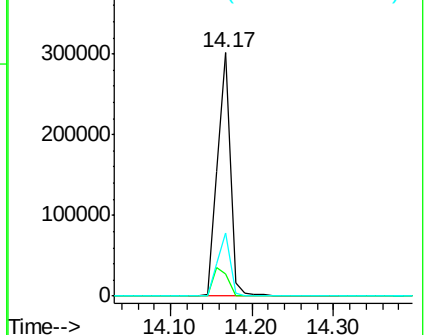
236 26.1 20.9 31.3

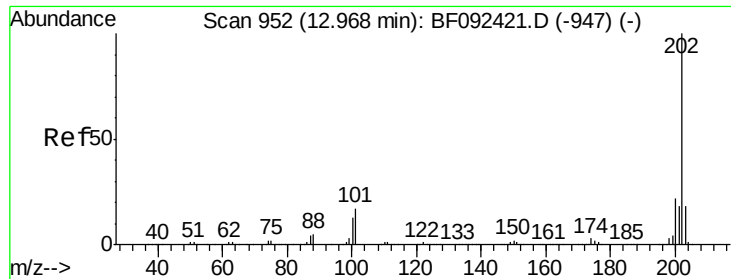


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

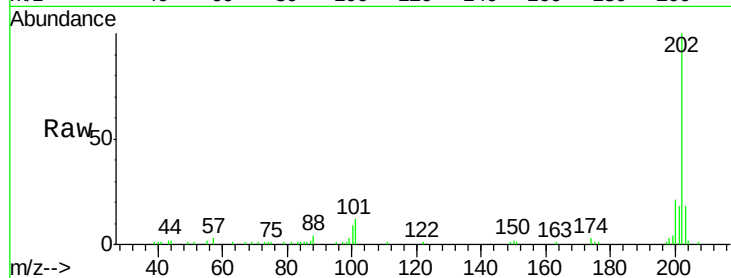




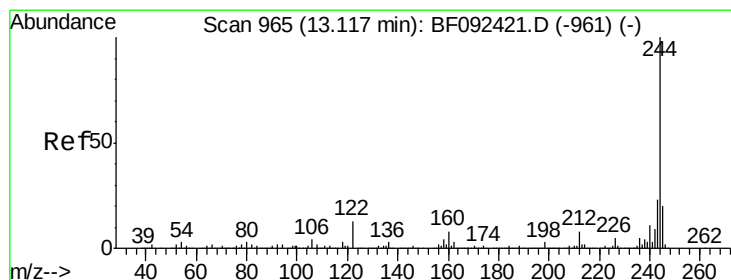
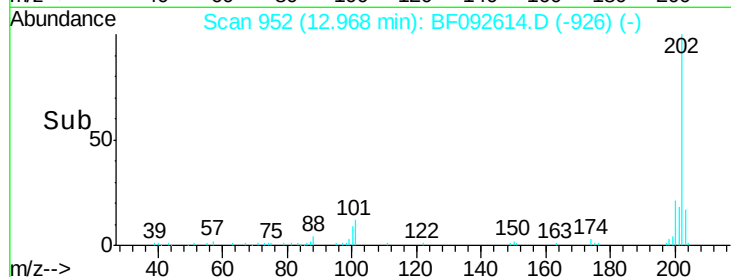
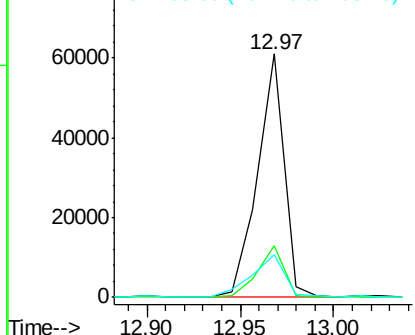
#77
Pyrene
 Concen: 2.48 ng
 RT: 12.97 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion: 202 Resp: 59911
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.7 26.5
 203 17.5 14.7 22.1

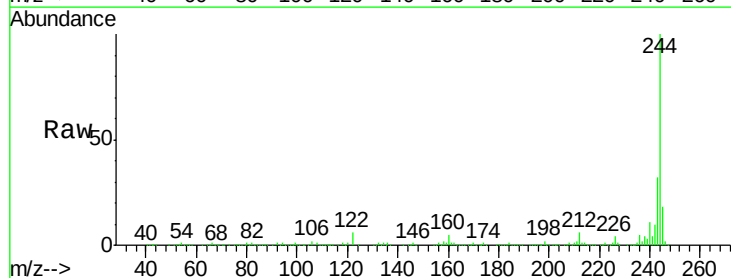


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

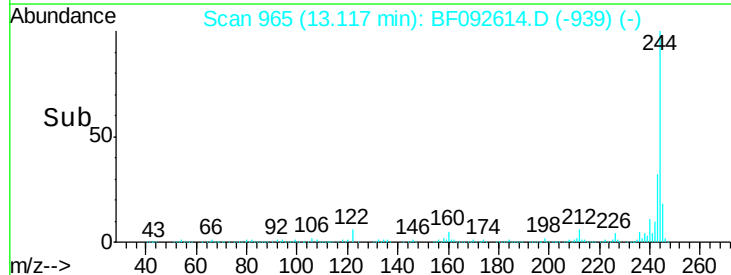
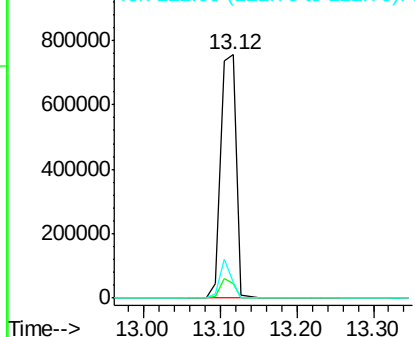


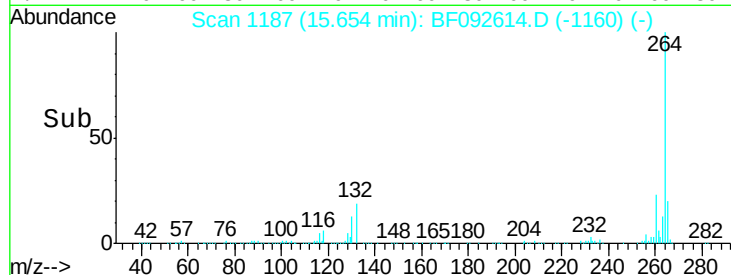
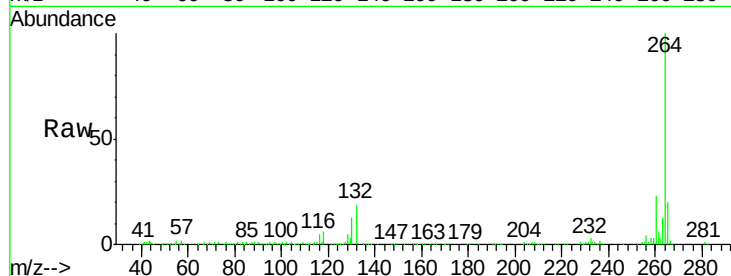
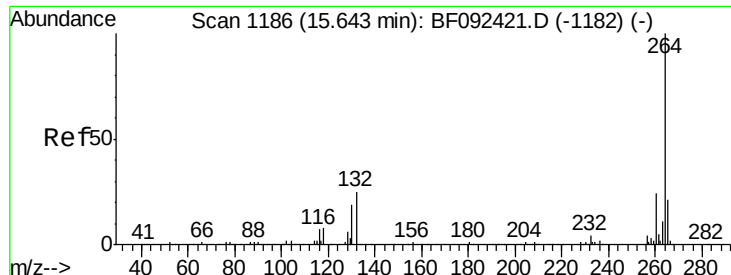
#78
Terphenyl-d14
 Concen: 85.83 ng
 RT: 13.12 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Tgt Ion: 244 Resp: 1072601
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.2 9.2
 122 6.2 11.4 17.2#



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: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092614.D
Acq: 28 Jan 2017 9:17

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion:	264	Resp:	241227
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	20.4	17.4	26.0

