

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086394.D
 Acq On : 23 Apr 2016 17:00
 Operator : UM/SJ
 Sample : H2640-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(4-8)-C

Quant Time: Apr 25 05:51:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

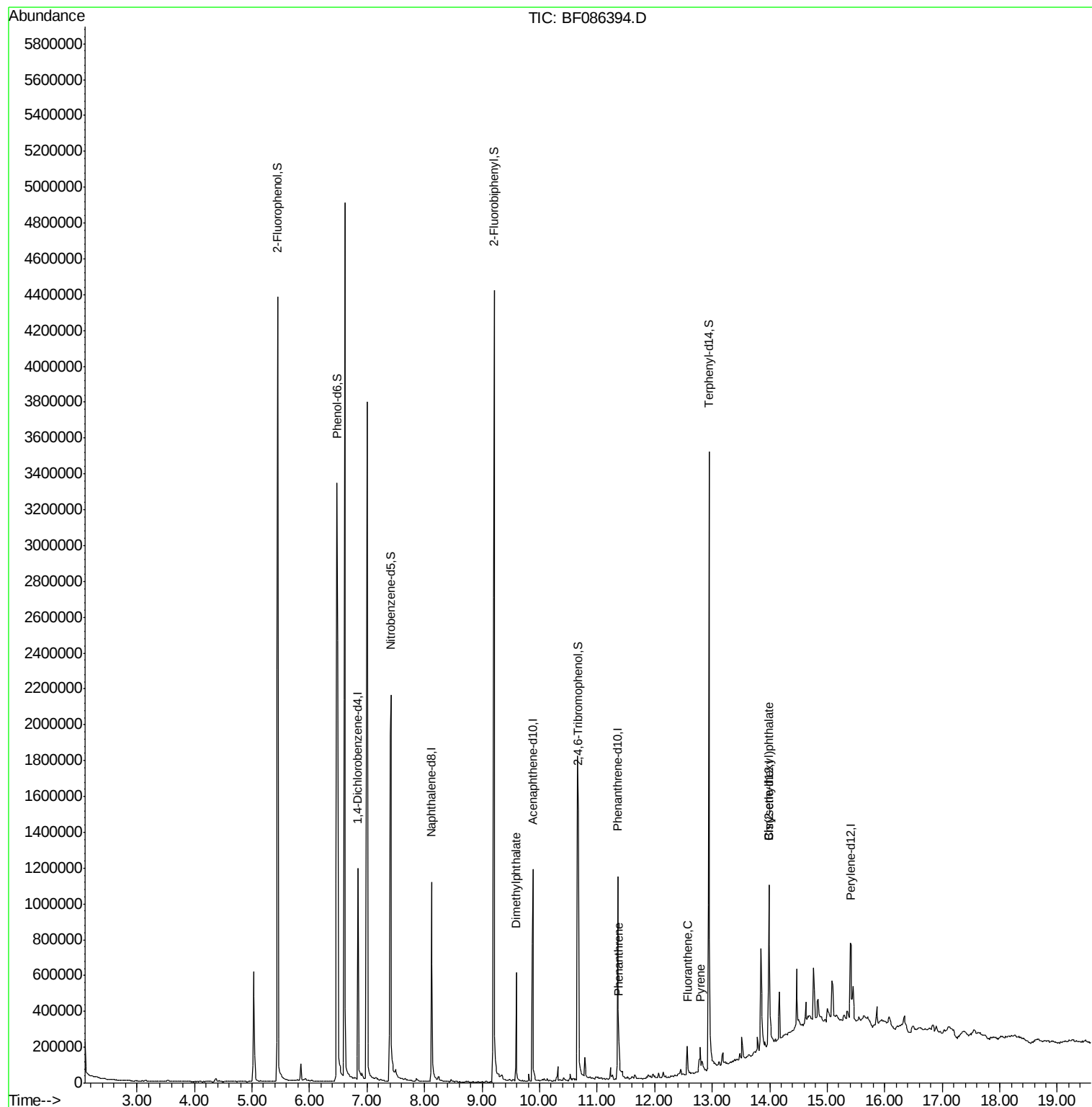
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	189476	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	737931	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	315127	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	524538	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	382444	20.00	ng	-0.01
86) Perylene-d12	15.41	264	303015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1440399	131.28	ng	0.02
7) Phenol-d6	6.48	99	1955362	131.09	ng	0.00
23) Nitrobenzene-d5	7.41	82	1230030	98.74	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	342819	120.18	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1886901	102.18	ng	0.00
78) Terphenyl-d14	12.95	244	1220202	79.27	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	245836	10.80	ng	100
70) Phenanthrene	11.38	178	56323	2.14	ng	98
74) Fluoranthene	12.57	202	75492	2.66	ng	94
77) Pyrene	12.80	202	67542	2.53	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	88824	6.38	ng	# 97

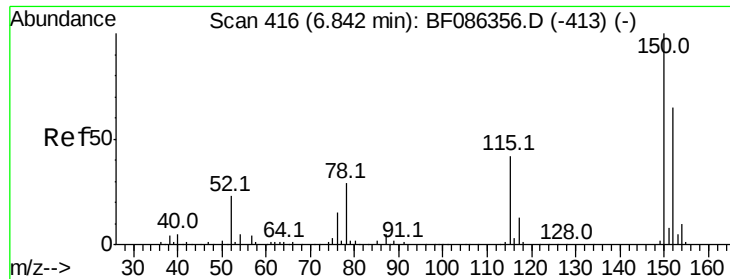
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Instrument :

BNA_F

ClientSampleId :

WPG-B11(4-8)-C

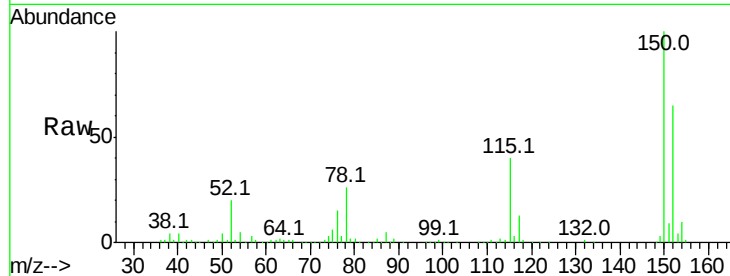
Tot Ion:152 Resp: 189476

Ion Ratio Lower Upper

152 100

150 154.5 125.8 188.6

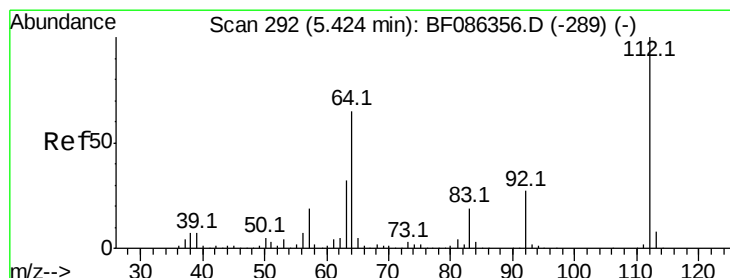
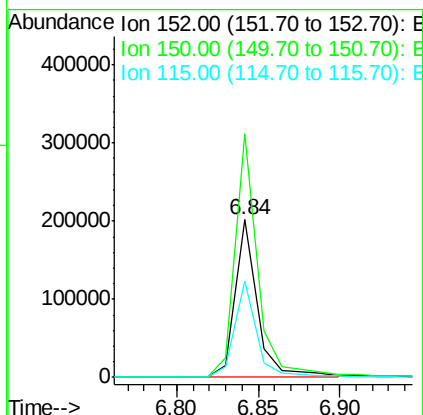
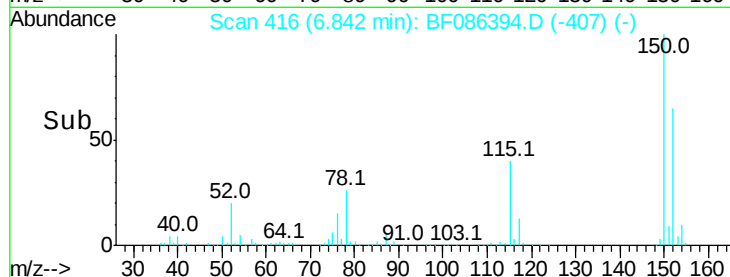
115 61.5 51.5 77.3



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: 131.28 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

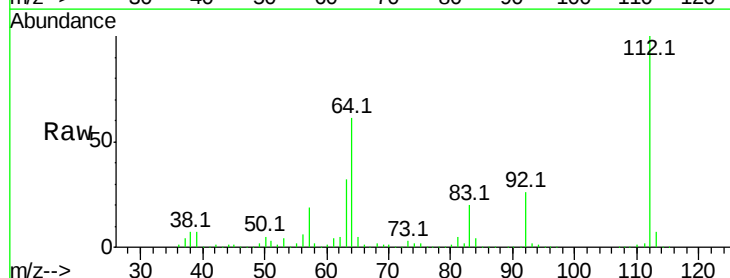
Tgt Ion:112 Resp: 1440399

Ion Ratio Lower Upper

112 100

64 60.6 52.1 78.1

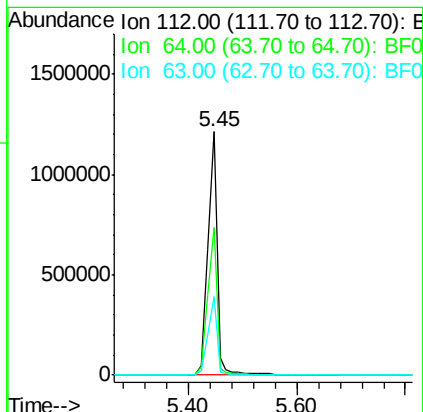
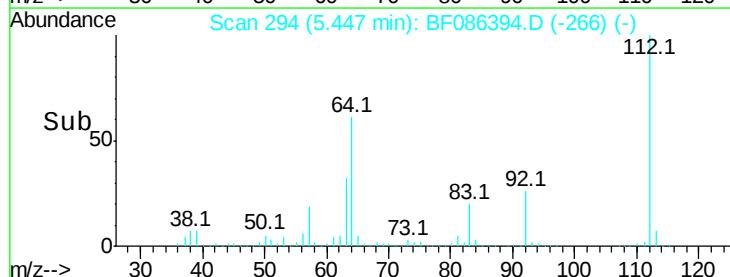
63 32.1 25.7 38.5

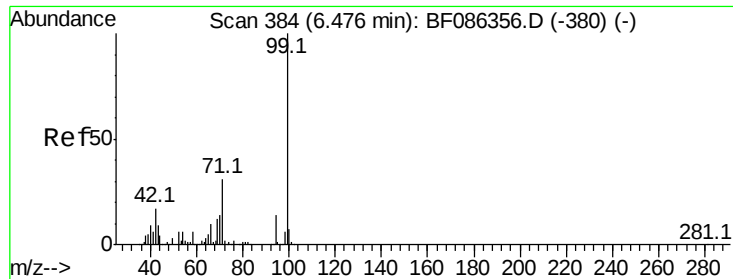


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.09 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Instrument :

BNA_F

ClientSampleId :

WPG-B11(4-8)-C

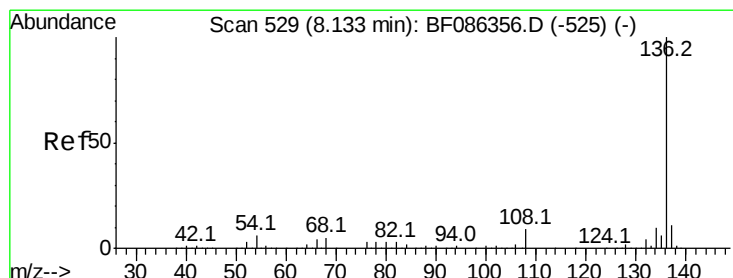
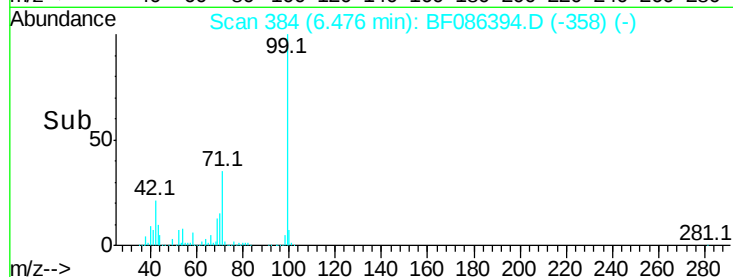
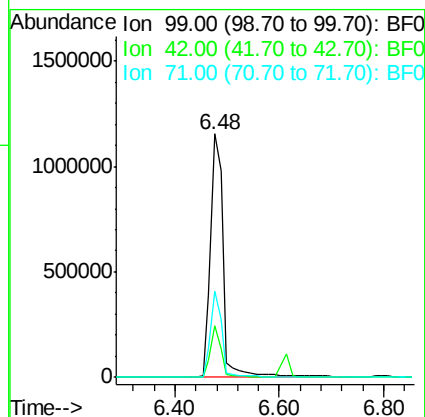
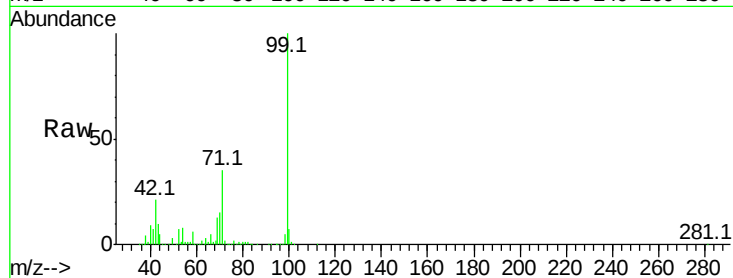
Tot Ion: 99 Resp: 1955362

Ion Ratio Lower Upper

99 100

42 21.4 13.6 20.4#

71 35.5 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Tgt Ion: 136 Resp: 737931

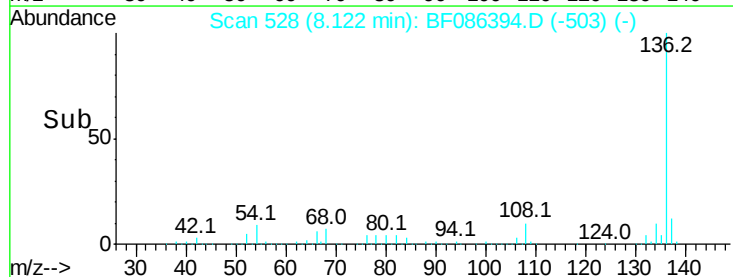
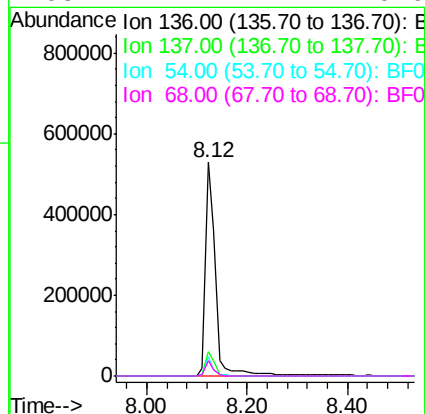
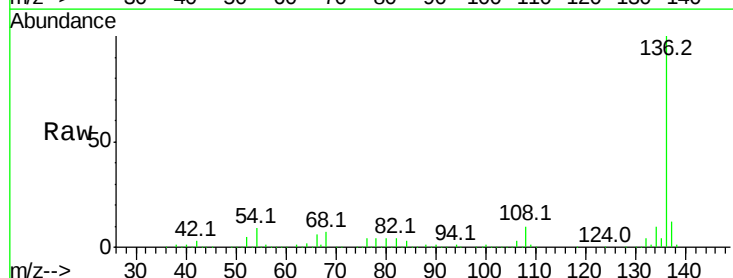
Ion Ratio Lower Upper

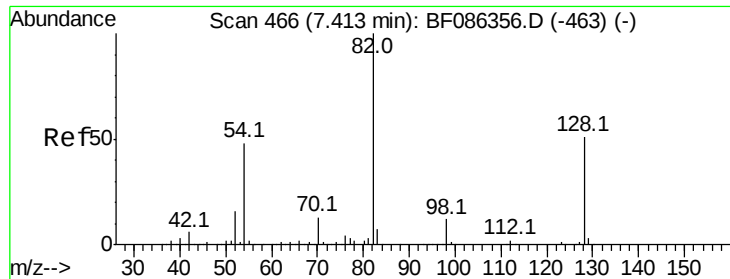
136 100

137 11.6 8.8 13.2

54 9.1 5.0 7.4#

68 7.2 4.4 6.6#

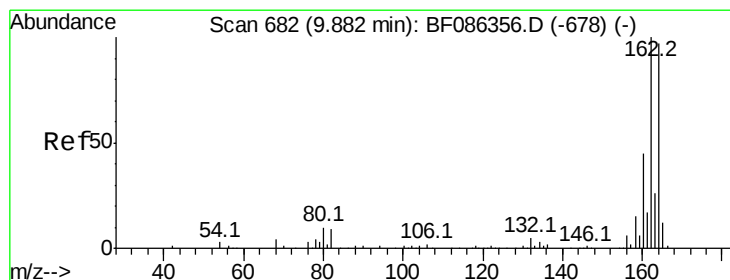
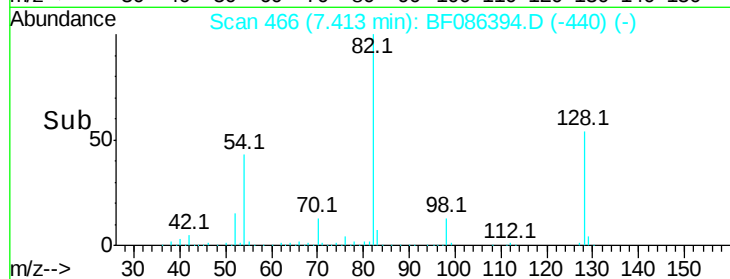
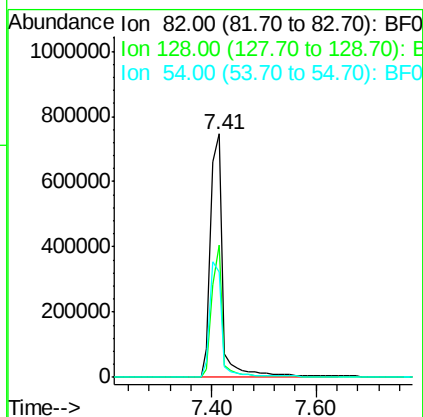
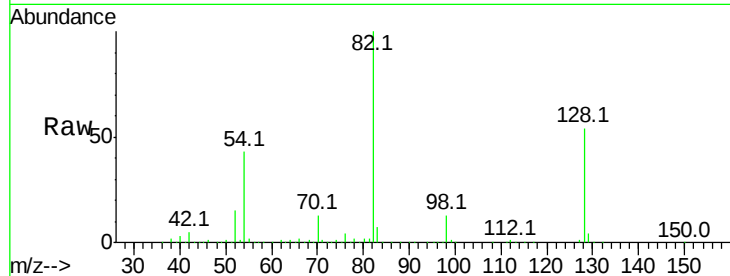




#23
 Nitrobenzene-d5
 Concen: 98.74 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

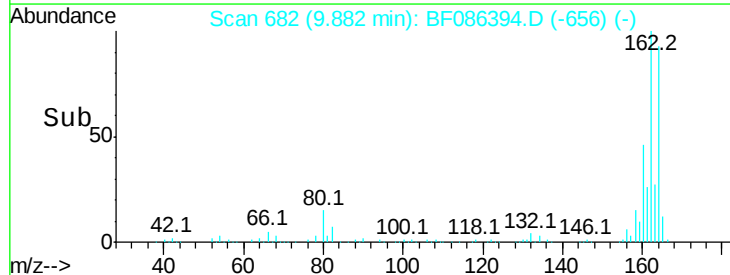
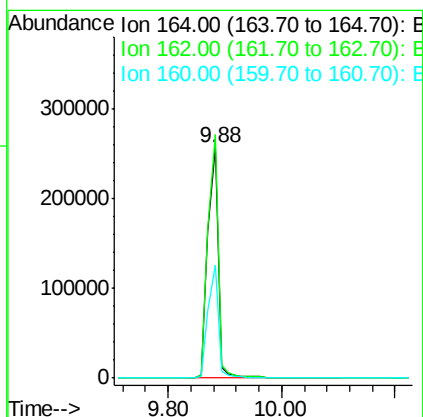
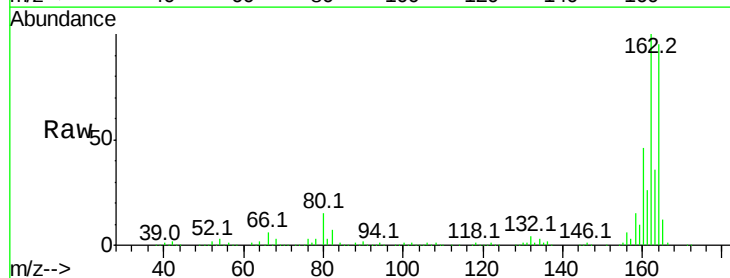
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(4-8)-C

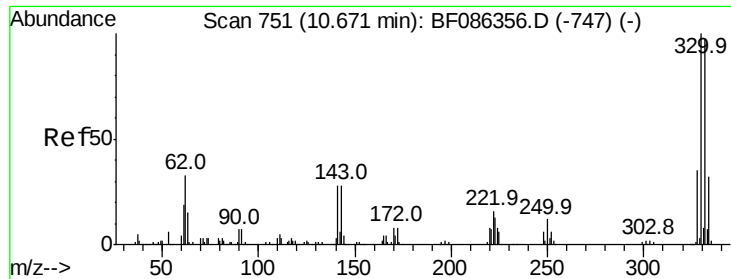
Tot Ion: 82 Resp: 1230030
 Ion Ratio Lower Upper
 82 100
 128 54.1 40.6 61.0
 54 43.5 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Tgt Ion:164 Resp: 315127
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.8 124.2
 160 48.9 36.9 55.3

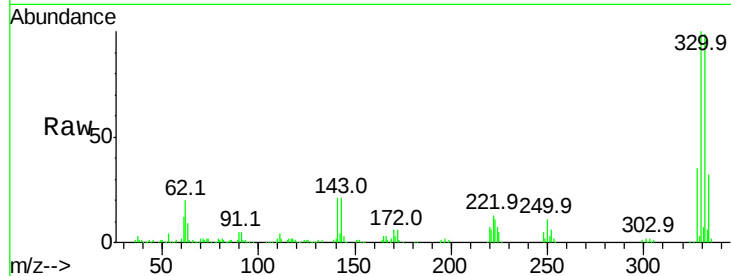




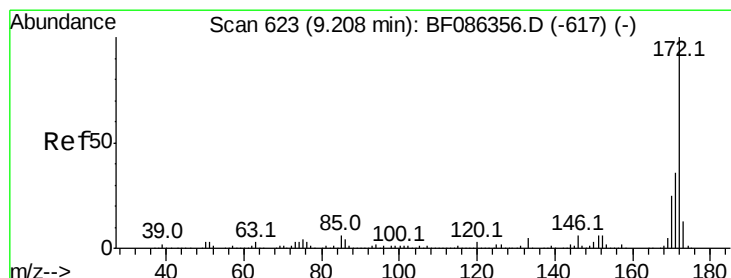
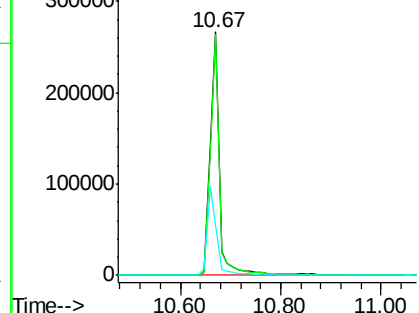
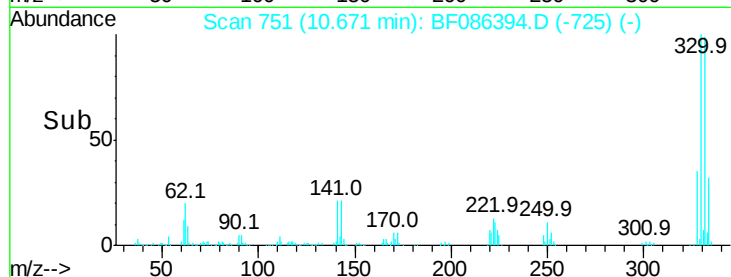
#41
 2,4,6-Tribromophenol
 Concen: 120.18 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(4-8)-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	36.4	31.2	46.8

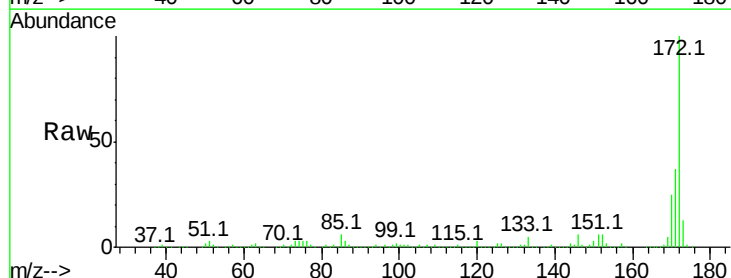


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

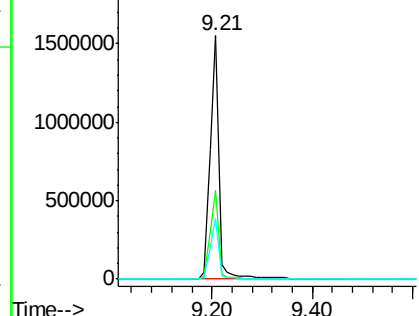
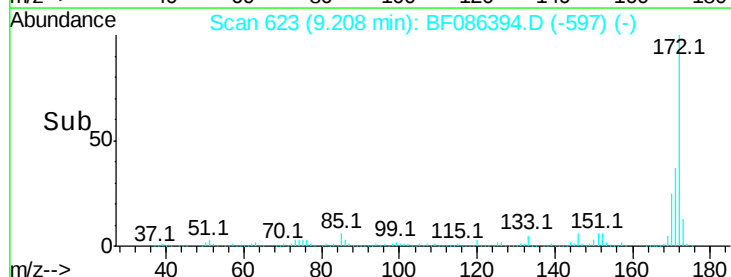


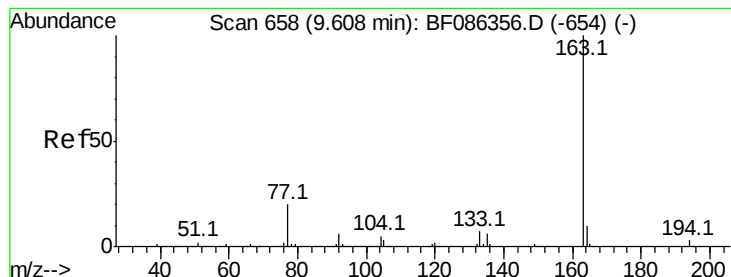
#44
 2-Fluorobiphenyl
 Concen: 102.18 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086394.D
 Acq: 23 Apr 2016 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.8	19.8	29.8



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: 10.80 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Instrument :

BNA_F

ClientSampleId :

WPG-B11(4-8)-C

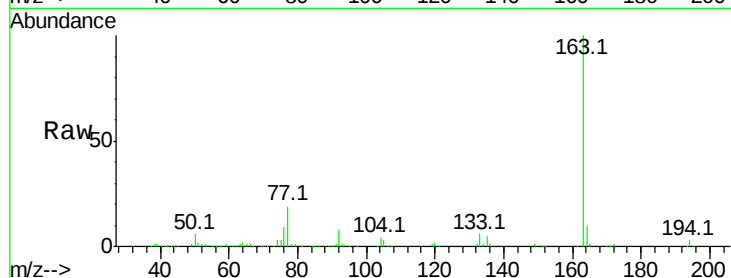
Tot Ion:163 Resp: 245836

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

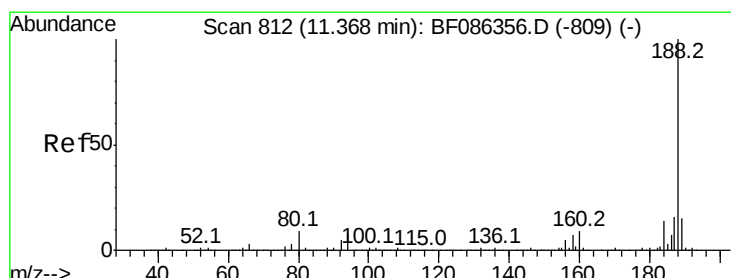
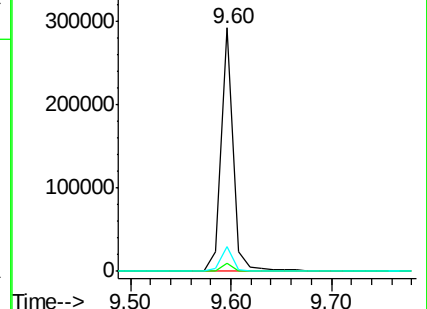
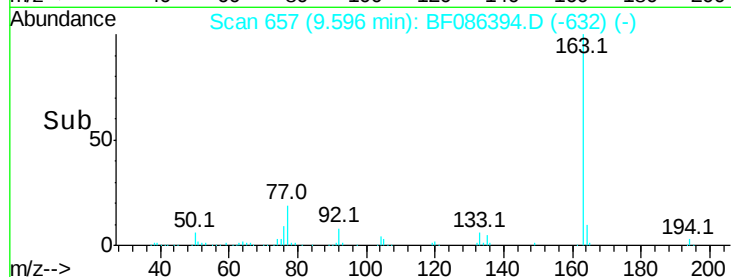
164 10.3 8.2 12.4



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: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

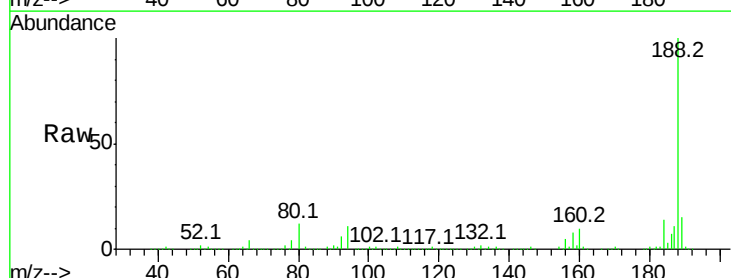
Tgt Ion:188 Resp: 524538

Ion Ratio Lower Upper

188 100

94 11.3 6.8 10.2#

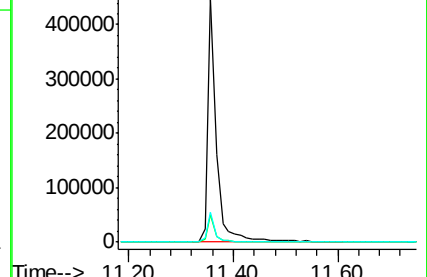
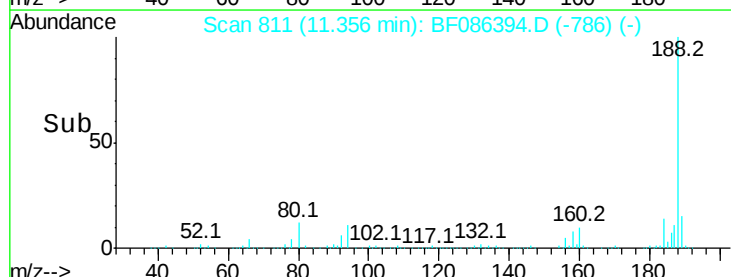
80 12.1 7.1 10.7#

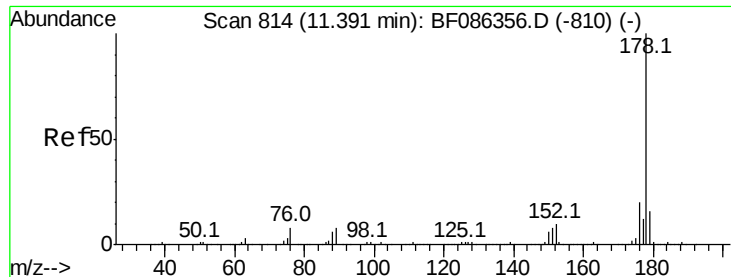


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.14 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Instrument :

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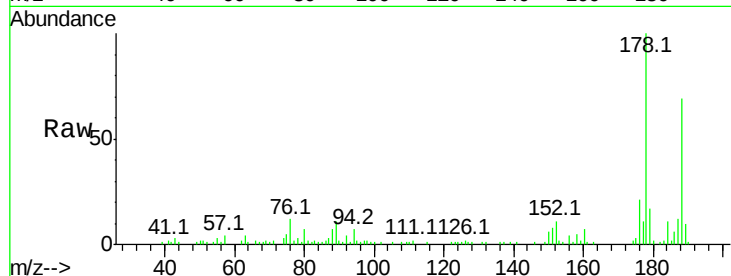
Tot Ion:178 Resp: 56323

Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

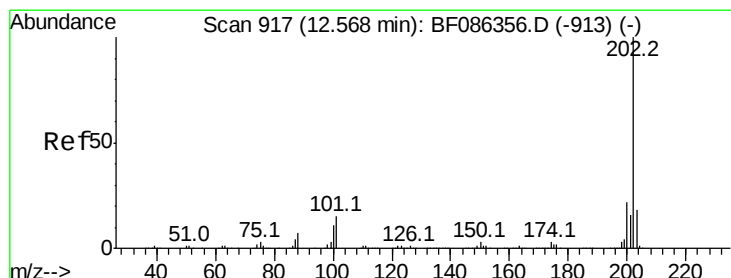
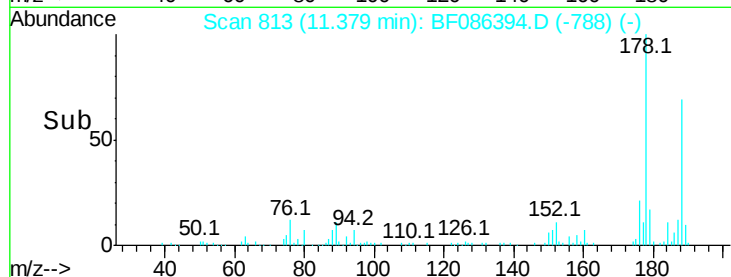
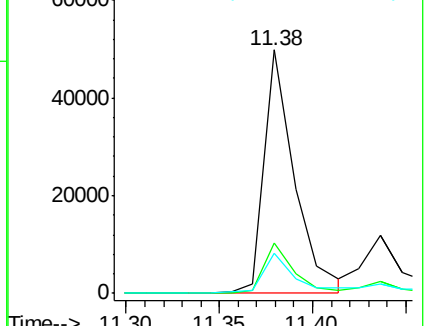
179 16.6 12.6 18.8



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: 2.66 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

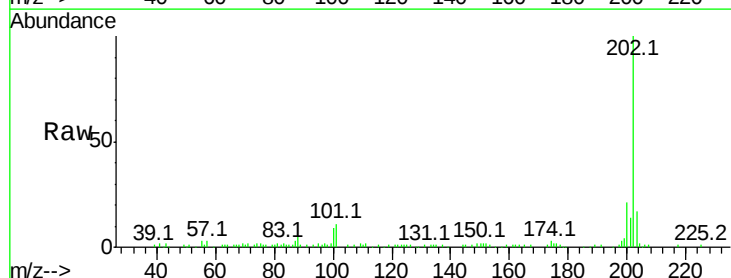
Tgt Ion:202 Resp: 75492

Ion Ratio Lower Upper

202 100

101 11.1 0.0 35.4

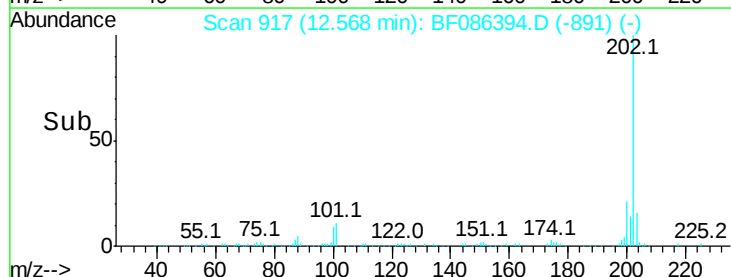
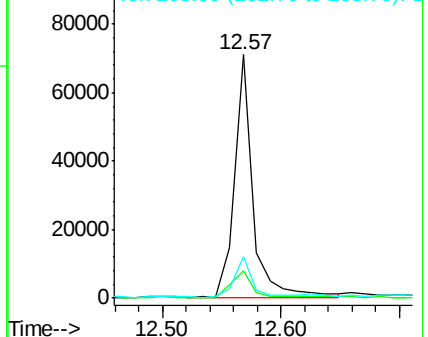
203 16.9 0.0 38.1

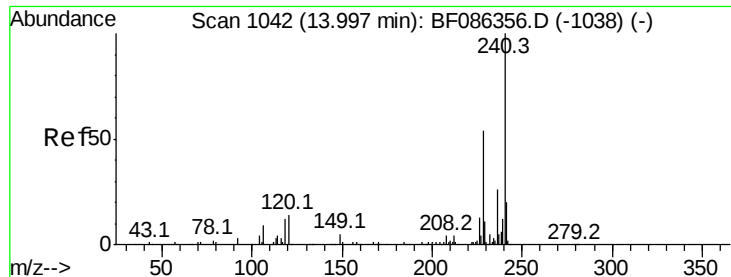


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Instrument :

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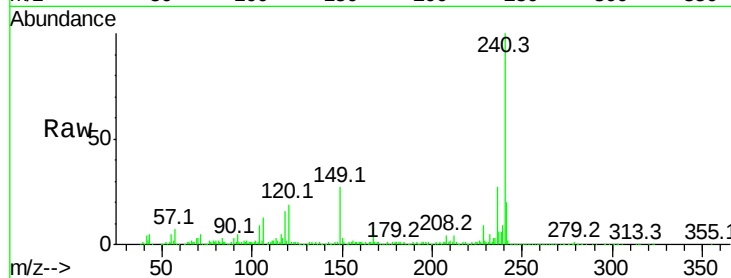
Tot Ion:240 Resp: 382444

Ion Ratio Lower Upper

240 100

120 18.5 11.2 16.8#

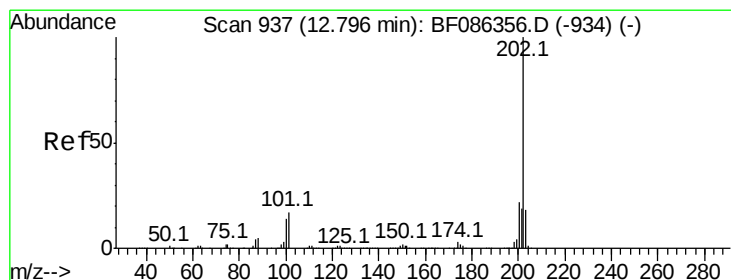
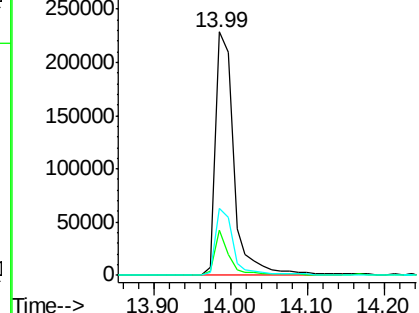
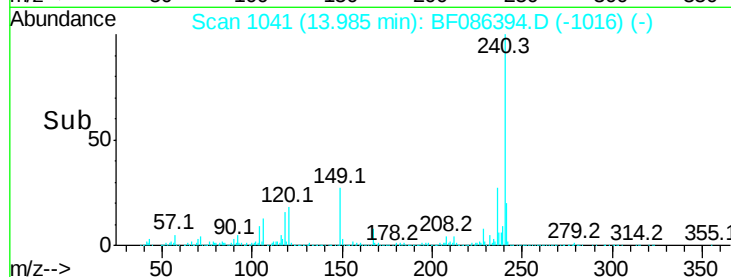
236 27.4 21.2 31.8



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: 2.53 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

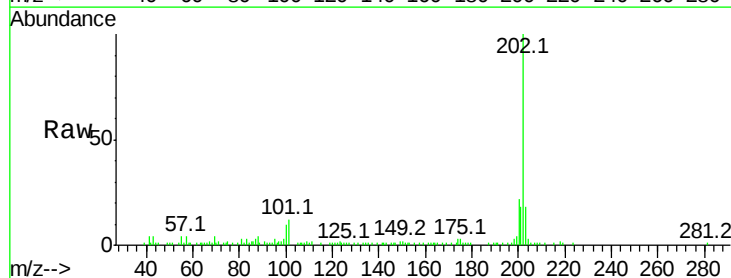
Tgt Ion:202 Resp: 67542

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

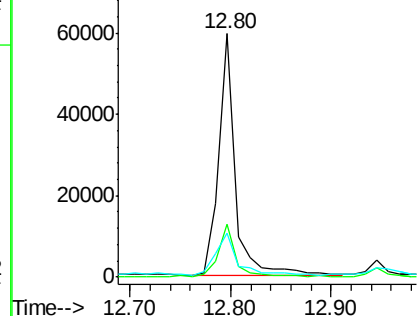
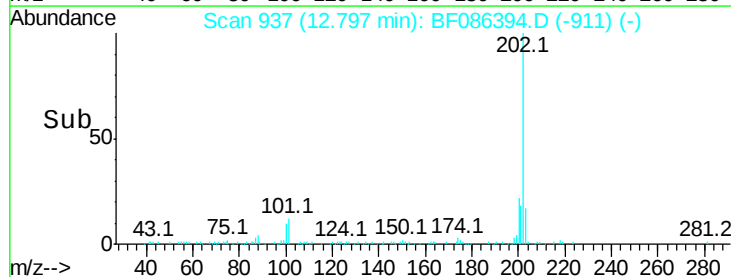
203 18.0 14.2 21.4

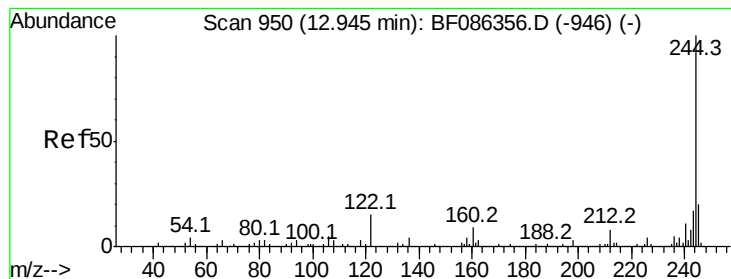


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.27 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

Instrument :

BNA_F

ClientSampleId :

WPG-B11(4-8)-C

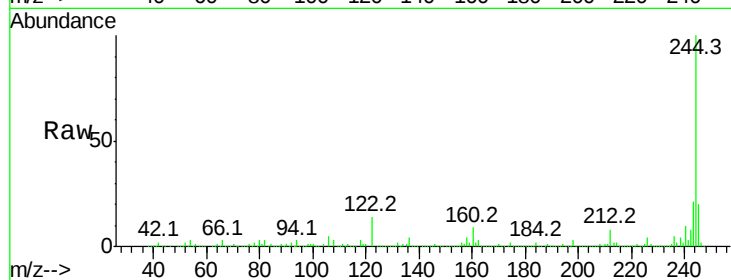
Tot Ion:244 Resp: 1220202

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

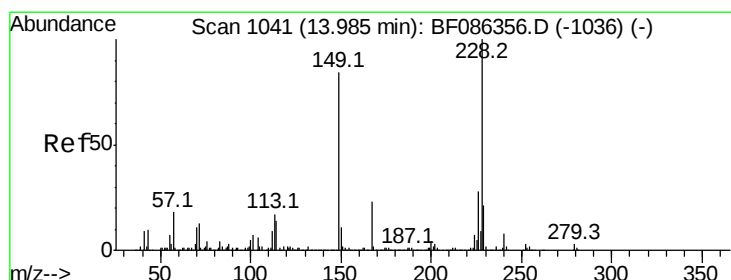
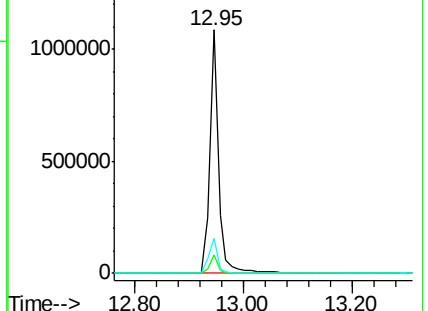
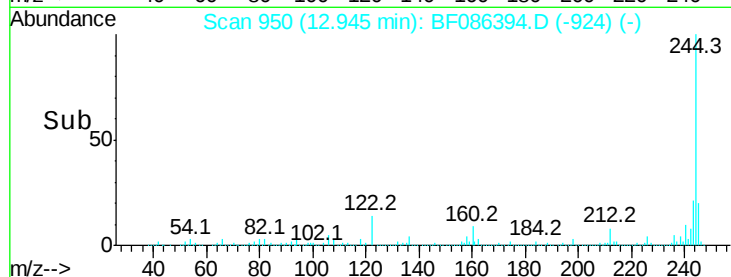
122 14.4 12.0 18.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.38 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086394.D

Acq: 23 Apr 2016 17:00

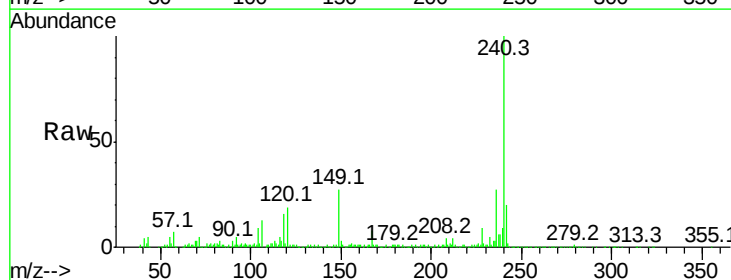
Tgt Ion:149 Resp: 88824

Ion Ratio Lower Upper

149 100

167 28.7 21.8 32.6

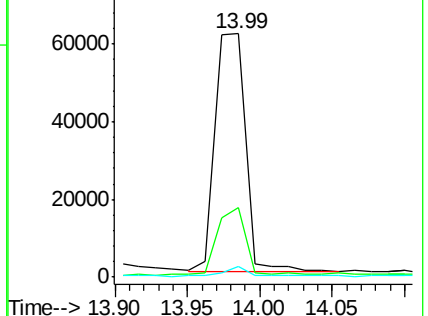
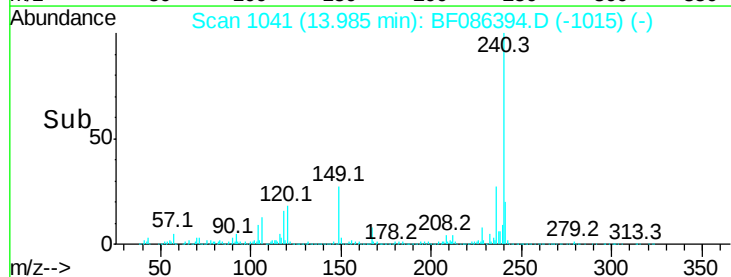
279 4.6 2.6 4.0#

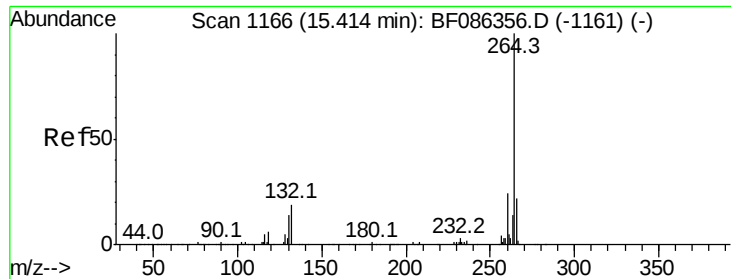


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF086394.D
Acq: 23 Apr 2016 17:00

Instrument :
BNA_F
ClientSampleId :
WPG-B11(4-8)-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.3	25.9

