

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086401.D
 Acq On : 23 Apr 2016 20:24
 Operator : UM/SJ
 Sample : H2640-19
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B8(0-7)-C

Quant Time: Apr 25 06:49:35 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

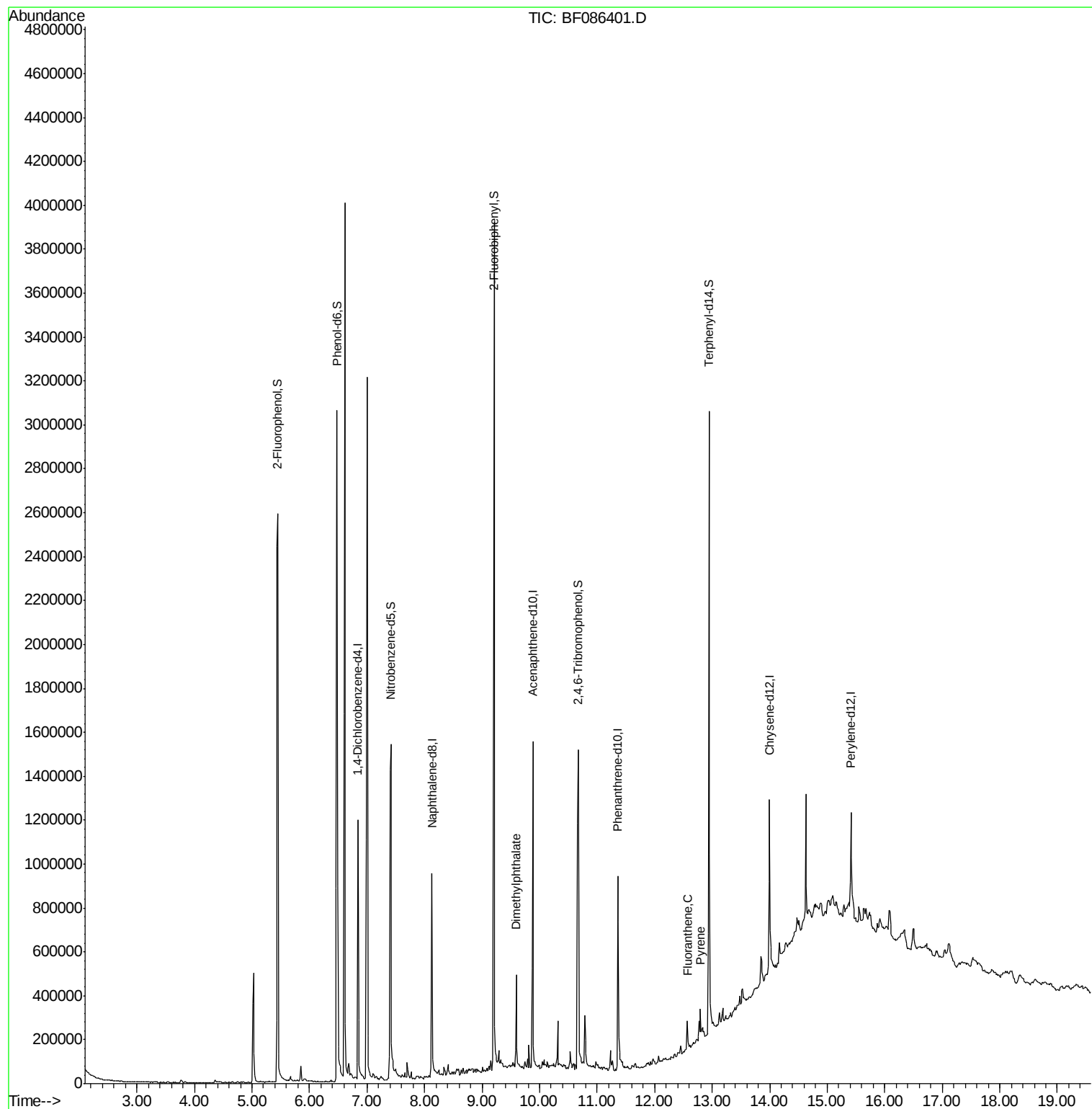
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	192330	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	730780	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	315837	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	526280	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	369818	20.00	ng	0.00
86) Perylene-d12	15.41	264	267212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1175394	105.54	ng	0.02
7) Phenol-d6	6.48	99	1372182	90.63	ng	0.00
23) Nitrobenzene-d5	7.41	82	888019	71.98	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	262807	91.92	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1477575	79.83	ng	0.00
78) Terphenyl-d14	12.95	244	1021951	68.66	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	158622	6.95	ng	99
74) Fluoranthene	12.57	202	59834	2.10	ng	98
77) Pyrene	12.80	202	60681	2.35	ng	97

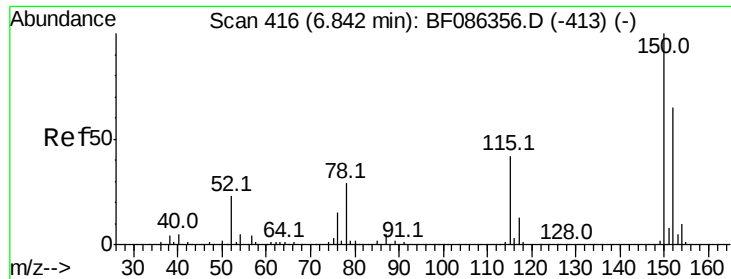
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086401.D

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Instrument :

BNA_F

ClientSampleId :

WPG-B8(0-7)-C

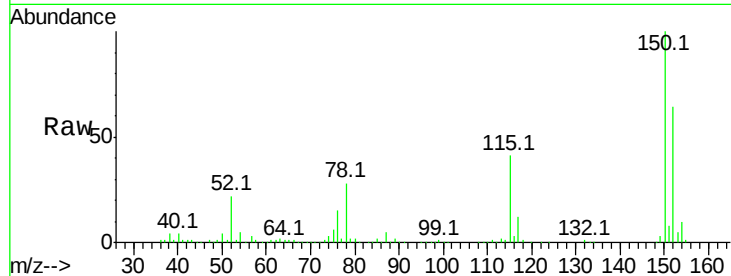
Tot Ion:152 Resp: 192330

Ion Ratio Lower Upper

152 100

150 156.8 125.8 188.6

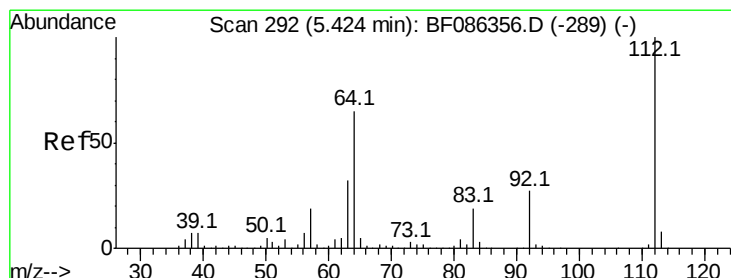
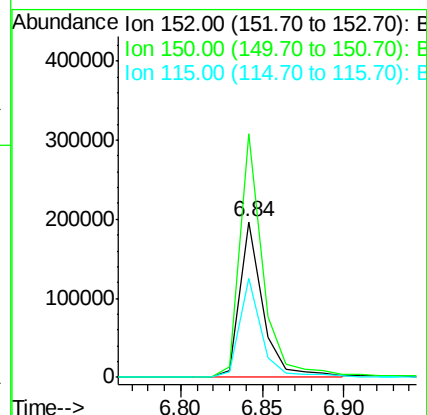
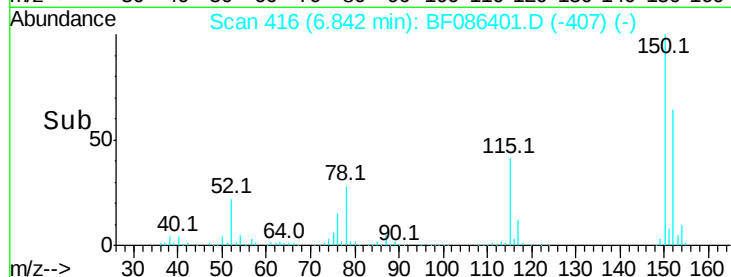
115 63.8 51.5 77.3



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: 105.54 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

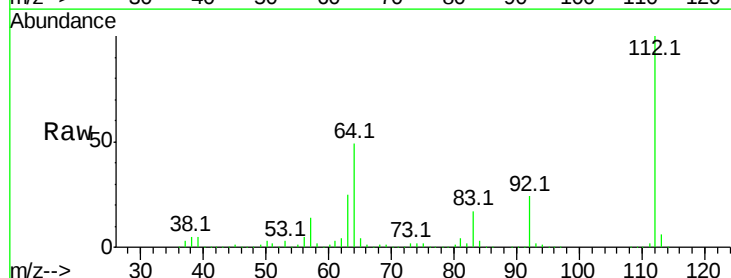
Tgt Ion:112 Resp: 1175394

Ion Ratio Lower Upper

112 100

64 48.9 52.1 78.1#

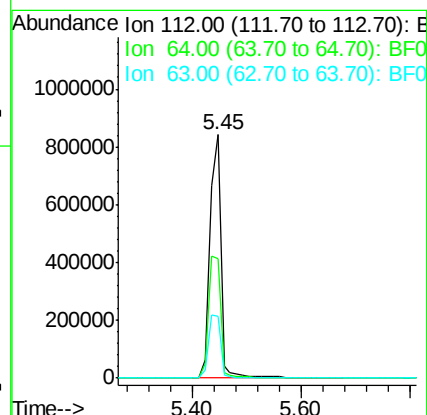
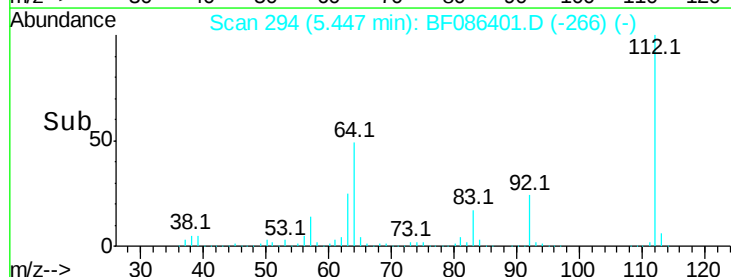
63 25.2 25.7 38.5#

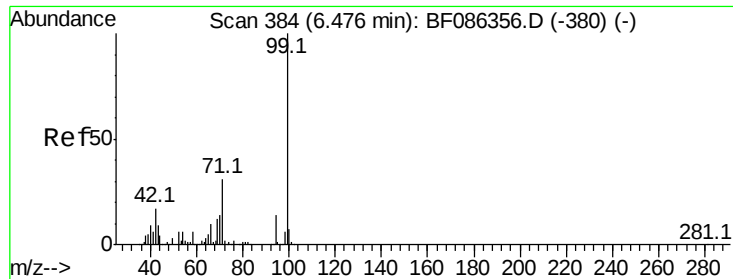


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.63 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Instrument :

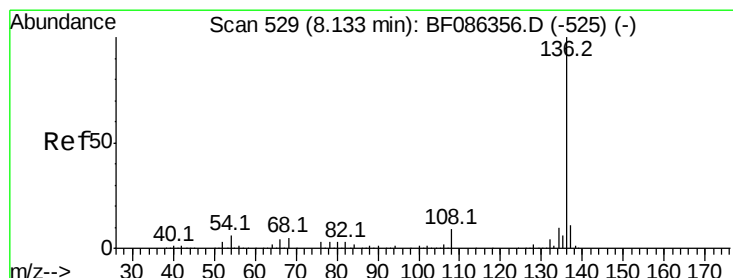
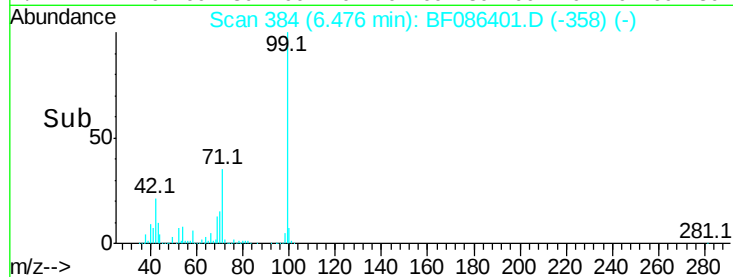
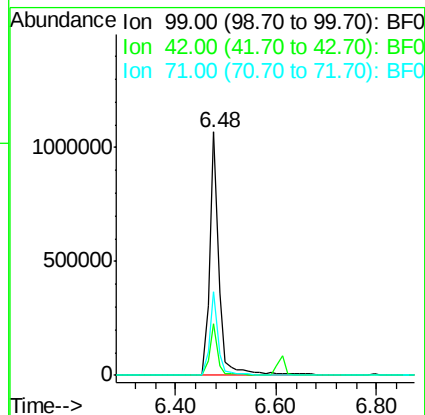
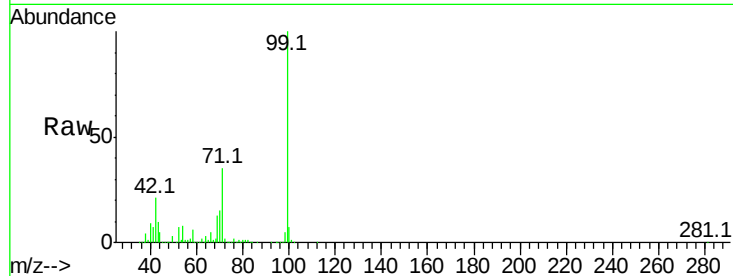
BNA_F

ClientSampleId :

WPG-B8(0-7)-C

Tot Ion: 99 Resp: 1372182

Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.6	20.4#
71	34.5	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

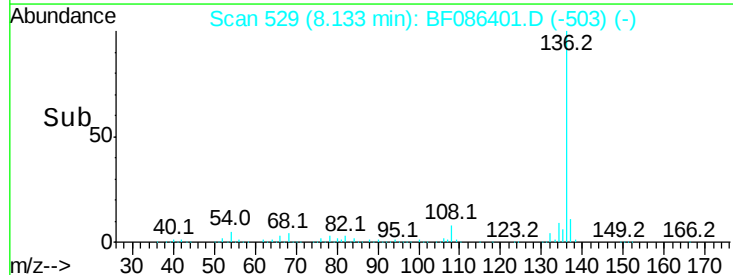
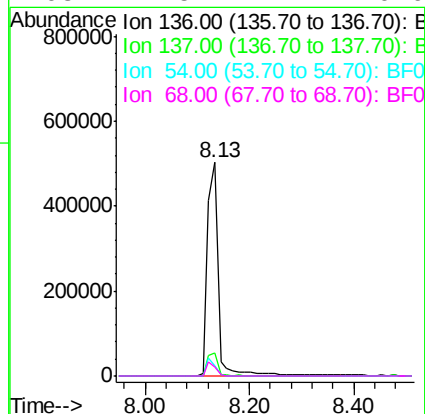
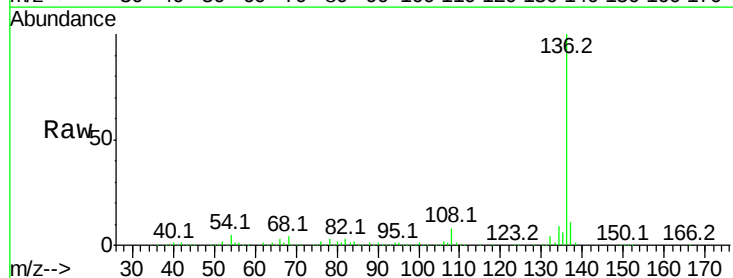
Delta R.T. 0.00 min

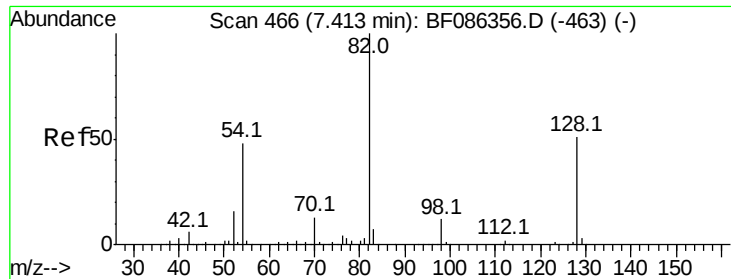
Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Tgt Ion: 136 Resp: 730780

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	4.9	5.0	7.4#
68	4.5	4.4	6.6

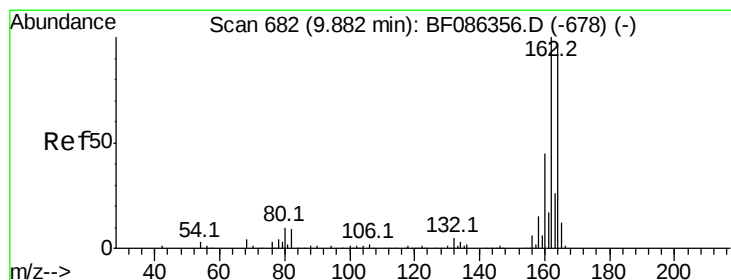
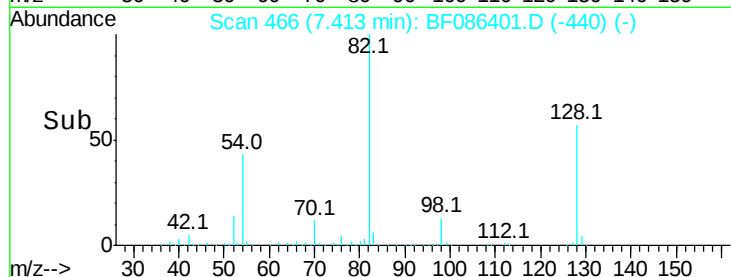
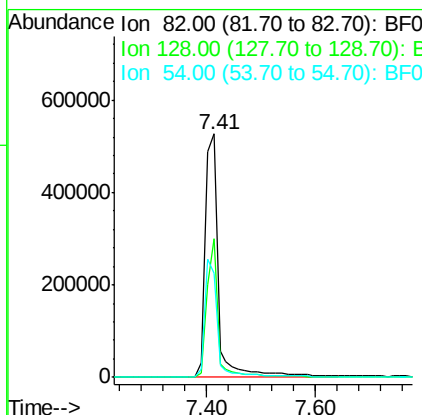
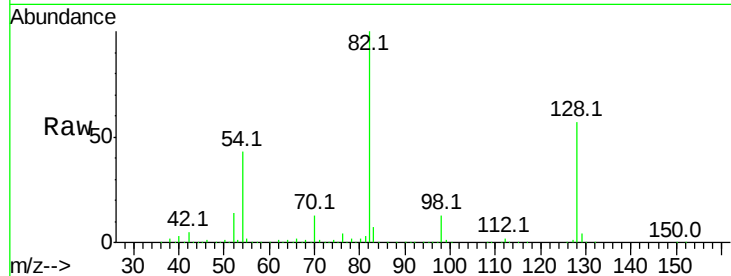




#23
 Nitrobenzene-d5
 Concen: 71.98 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086401.D
 Acq: 23 Apr 2016 20:24

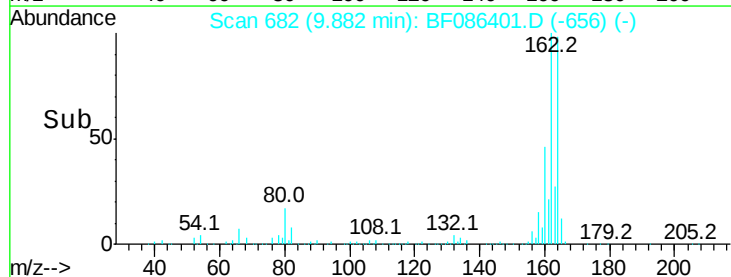
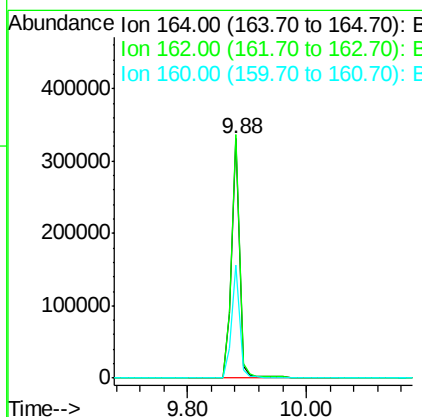
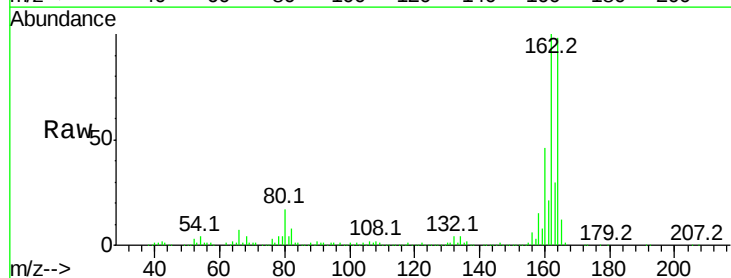
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B8(0-7)-C

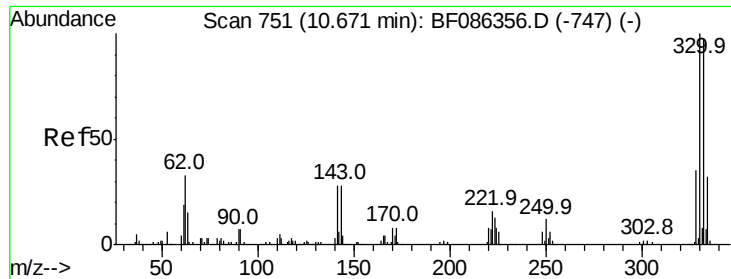
Tot Ion	82	Resp	888019
Ion Ratio	100		
Lower	40.6		
Upper	61.0		
54	42.9		57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF086401.D
 Acq: 23 Apr 2016 20:24

Tgt Ion	164	Resp	315837
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>82.8</td> <td></td> <td></td>	82.8		
Upper <td>124.2</td> <td></td> <td></td>	124.2		
162	101.6		55.3
160	47.2		

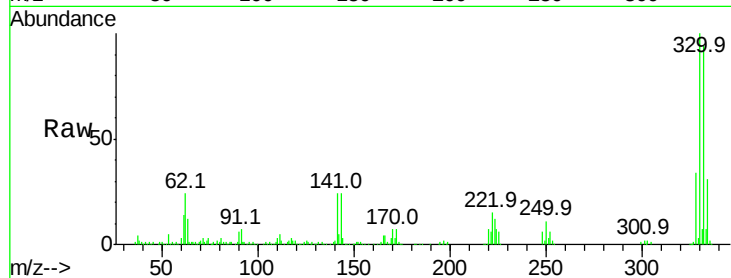




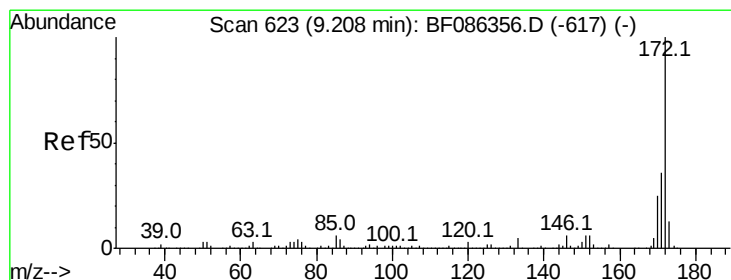
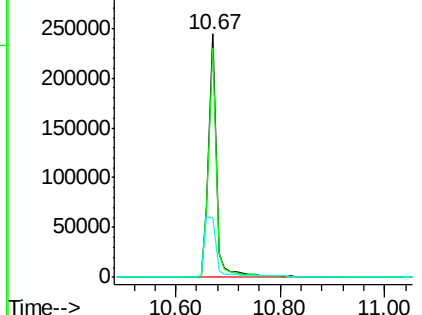
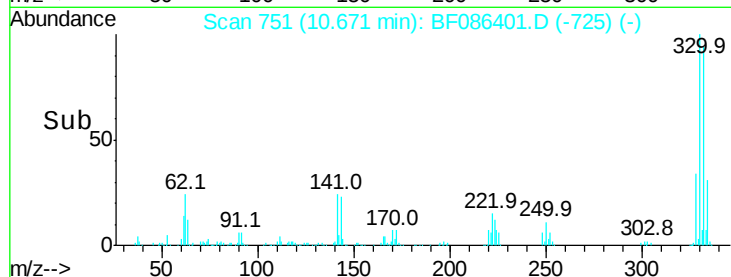
#41
 2,4,6-Tribromophenol
 Concen: 91.92 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086401.D
 Acq: 23 Apr 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B8(0-7)-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	35.8	31.2	46.8

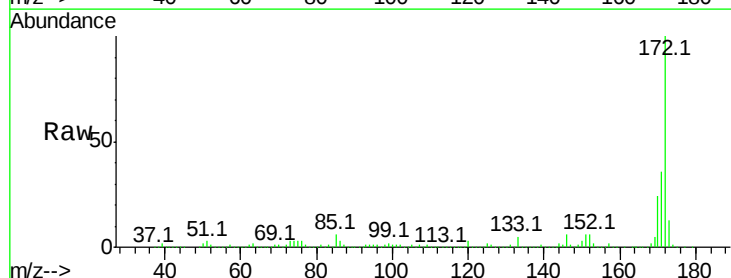


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

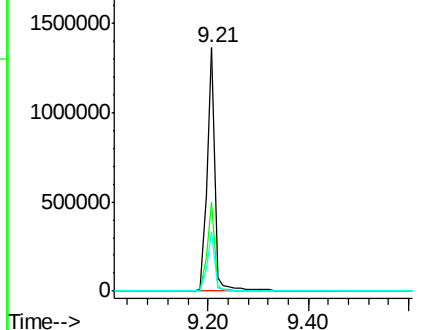
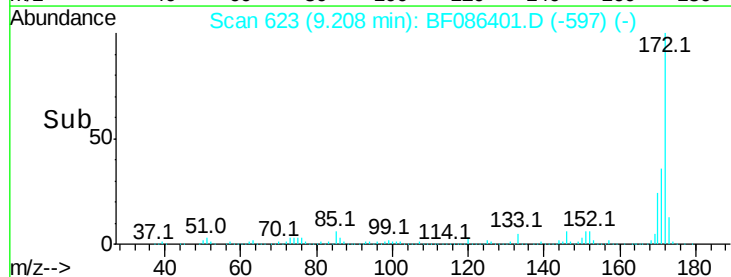


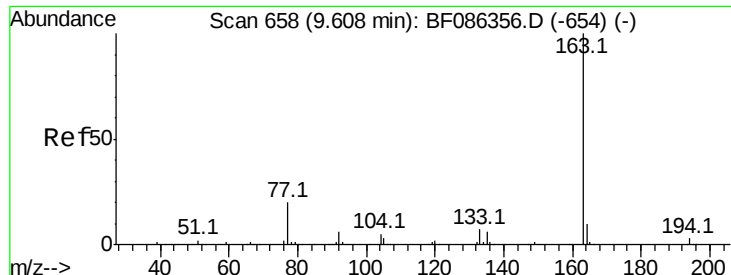
#44
 2-Fluorobiphenyl
 Concen: 79.83 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086401.D
 Acq: 23 Apr 2016 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.3	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: 6.95 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WPG-B8(0-7)-C

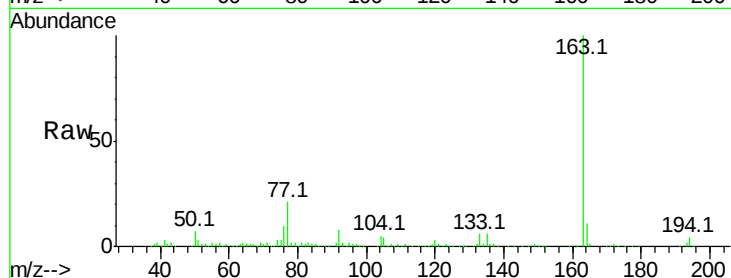
Tot Ion:163 Resp: 158622

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

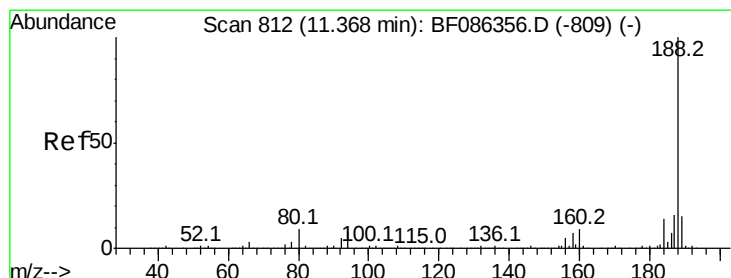
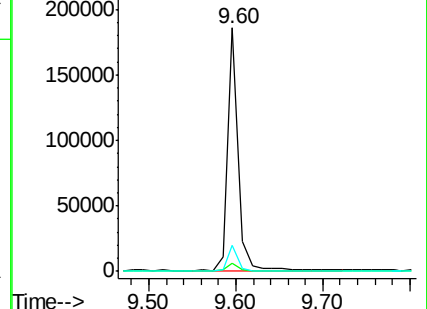
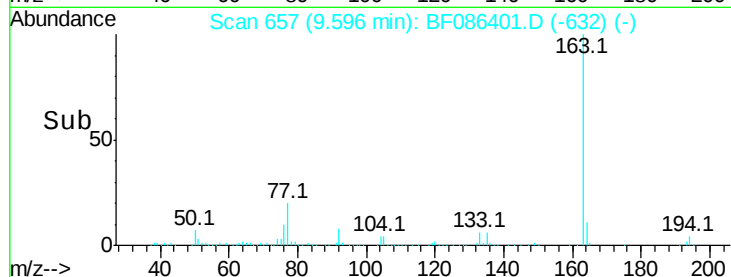
164 10.8 8.2 12.4



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: BF086401.D

Acq: 23 Apr 2016 20:24

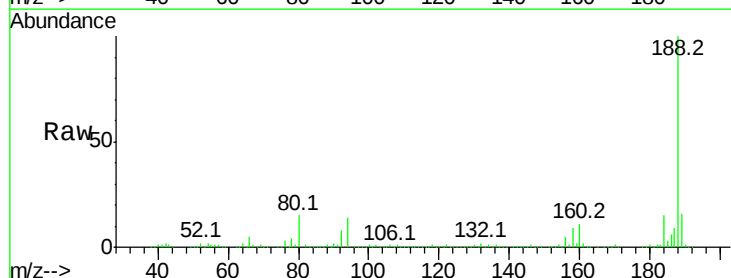
Tgt Ion:188 Resp: 526280

Ion Ratio Lower Upper

188 100

94 13.9 6.8 10.2#

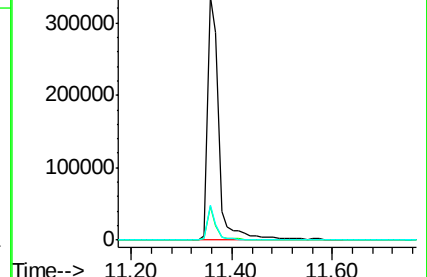
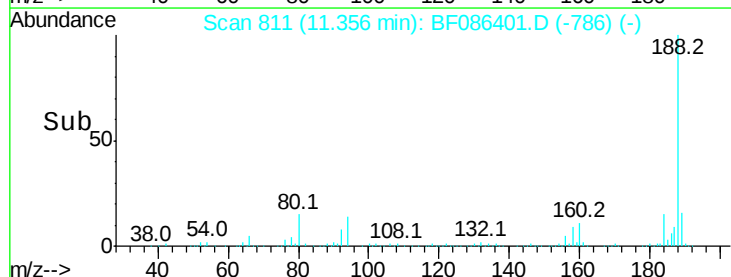
80 14.6 7.1 10.7#

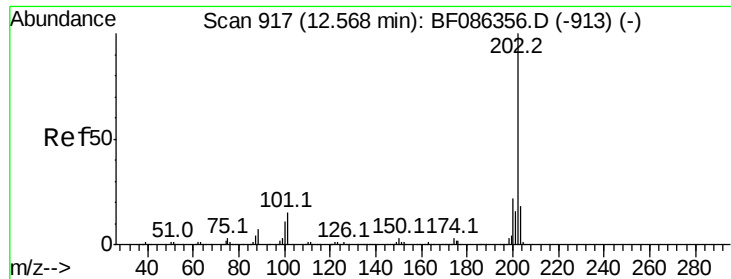


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.10 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Instrument :

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ClientSampleId :

WPG-B8(0-7)-C

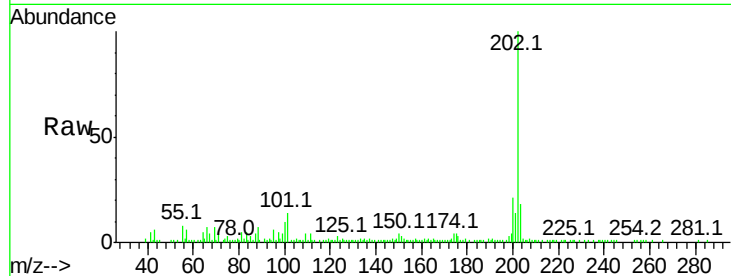
Tot Ion:202 Resp: 59834

Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.4

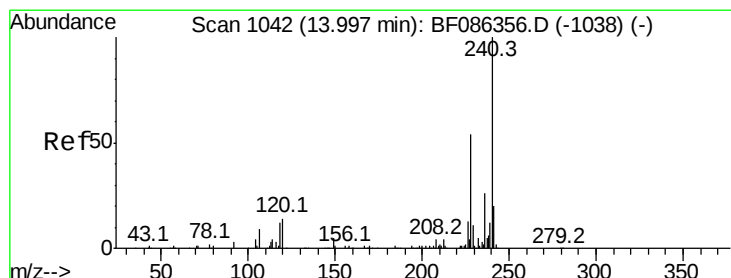
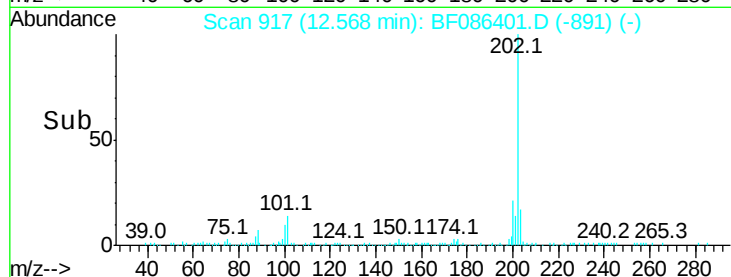
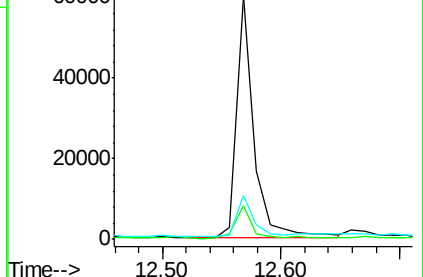
203 17.9 0.0 38.1



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: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

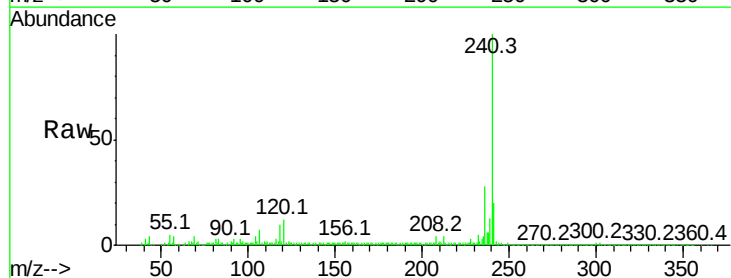
Tgt Ion:240 Resp: 369818

Ion Ratio Lower Upper

240 100

120 11.5 11.2 16.8

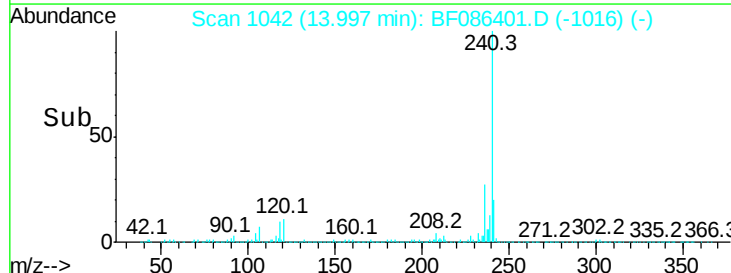
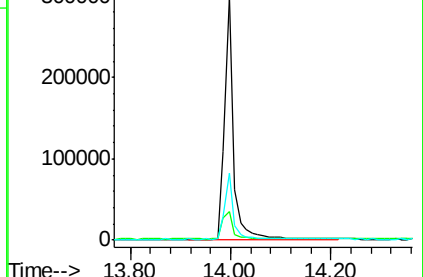
236 27.7 21.2 31.8

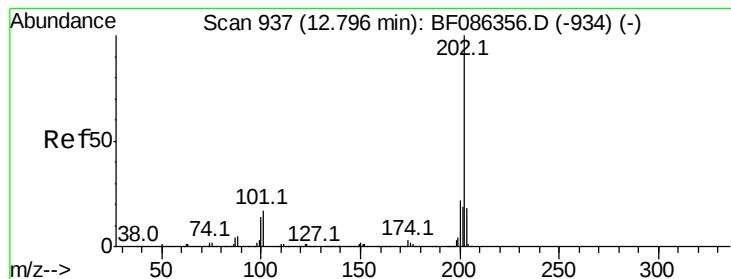


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.35 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

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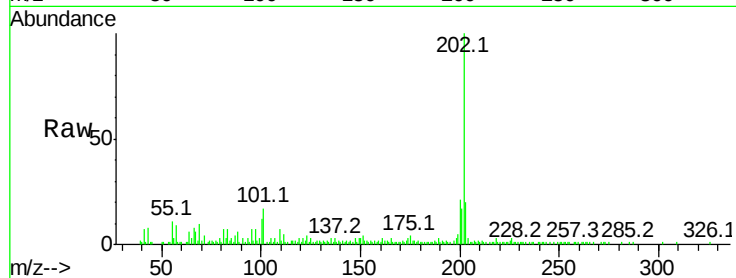
Tot Ion:202 Resp: 60681

Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

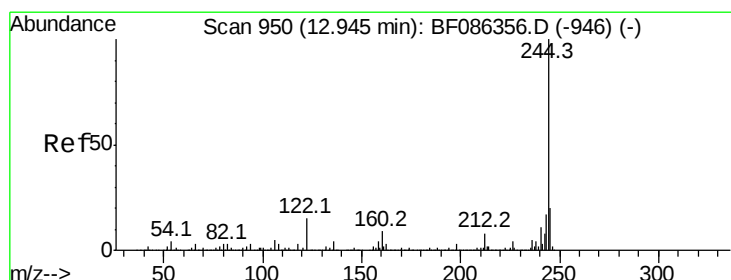
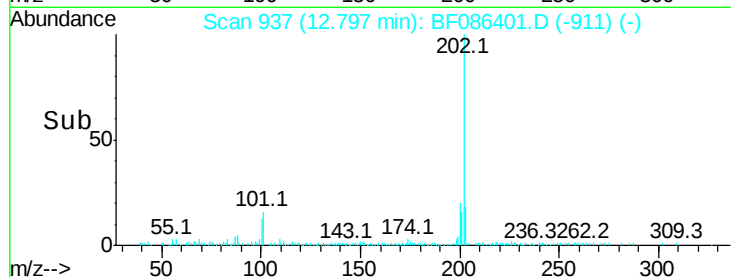
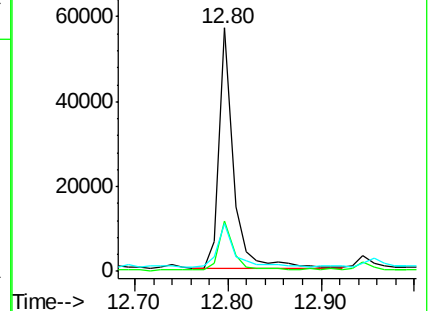
203 19.7 14.2 21.4



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: 68.66 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

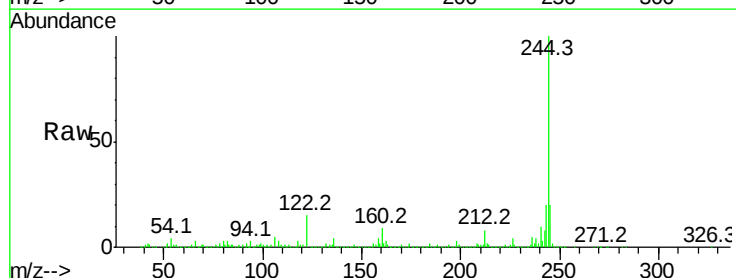
Tgt Ion:244 Resp: 1021951

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

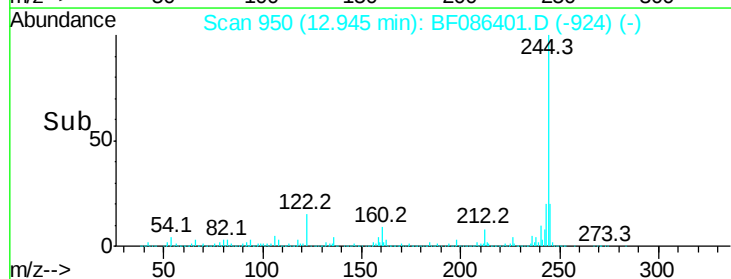
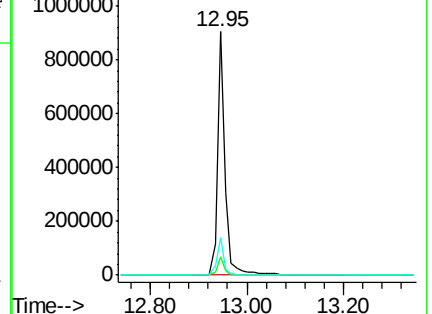
122 15.4 12.0 18.0

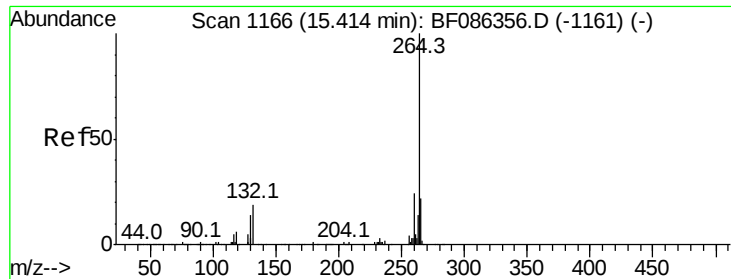


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

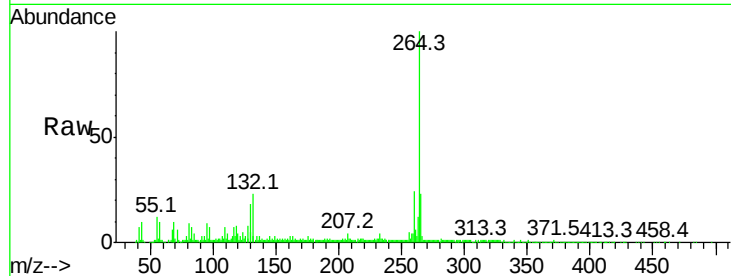




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF086401.D
Acq: 23 Apr 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WPG-B8(0-7)-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.0	17.3	25.9



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

