

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019121.D
 Acq On : 10 Oct 2015 17:27
 Operator : UM/NP
 Sample : PB86017BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86017BL

Quant Time: Oct 12 06:58:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 06:30:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	14335	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	63594	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	44036	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	122047	20.00	ng	0.00
75) Chrysene-d12	21.67	240	154642	20.00	ng	0.00
86) Perylene-d12	24.90	264	135765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	104391	148.27	ng	0.00
7) Phenol-d6	7.20	99	155264	143.55	ng	0.00
23) Nitrobenzene-d5	9.19	82	103347	89.79	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	79939	133.21	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	257274	89.83	ng	0.00
78) Terphenyl-d14	20.02	244	542090	92.60	ng	0.00

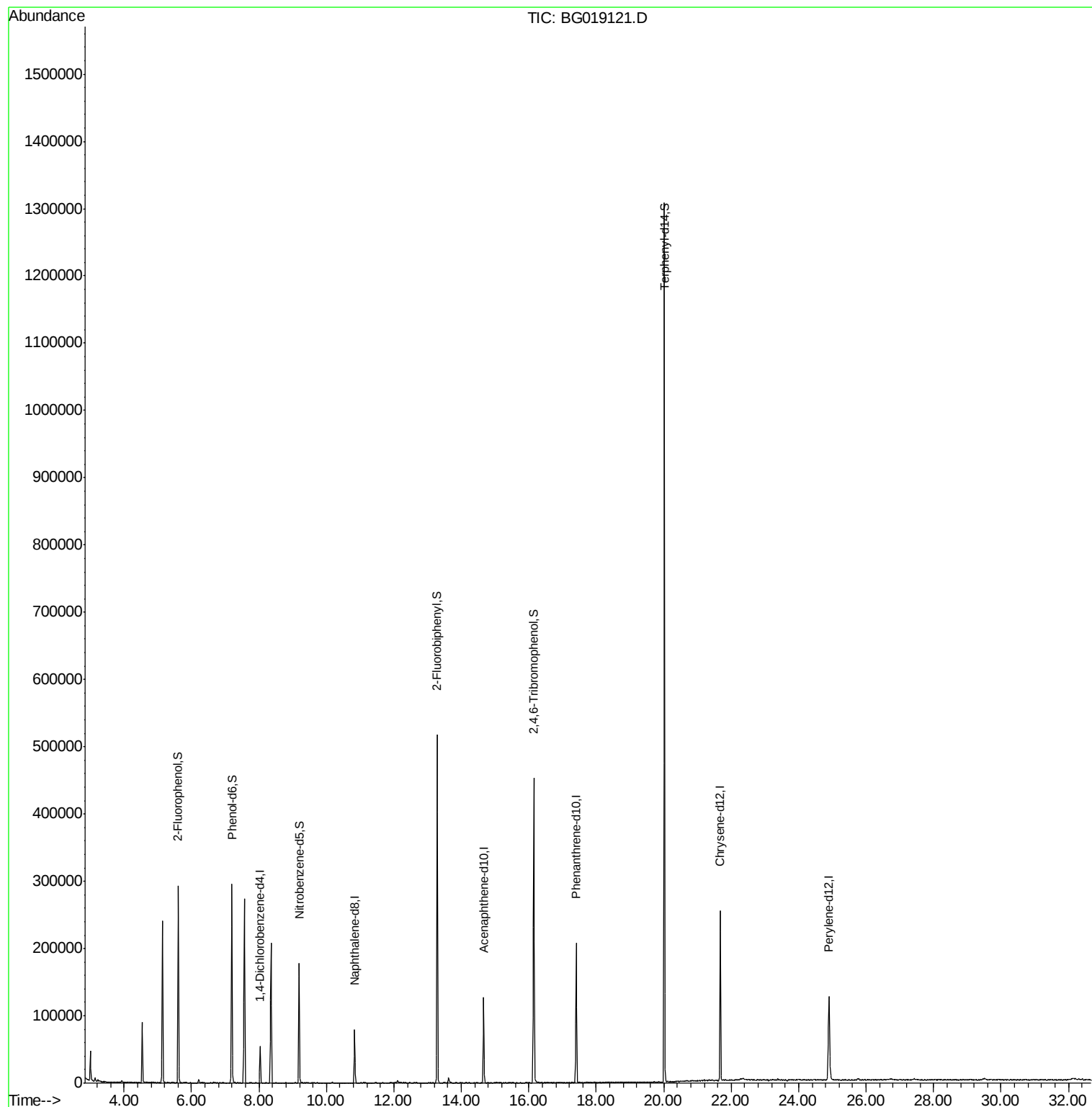
Target Compounds	Qvalue
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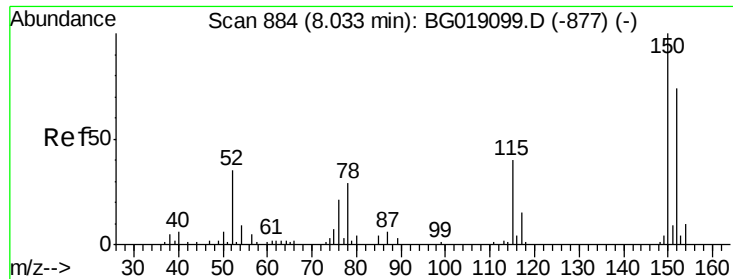
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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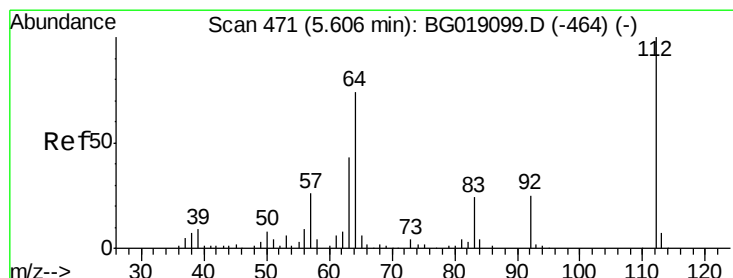
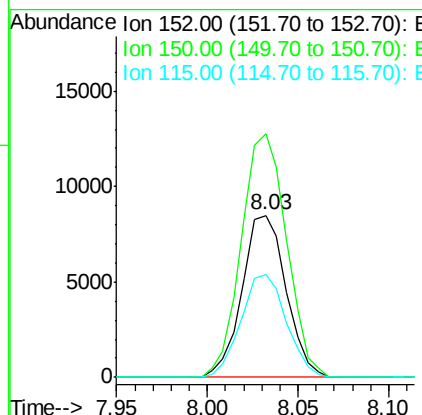
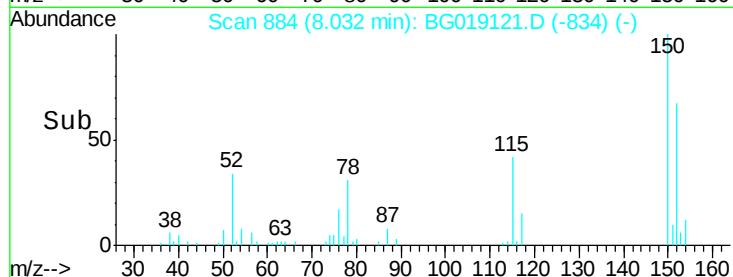
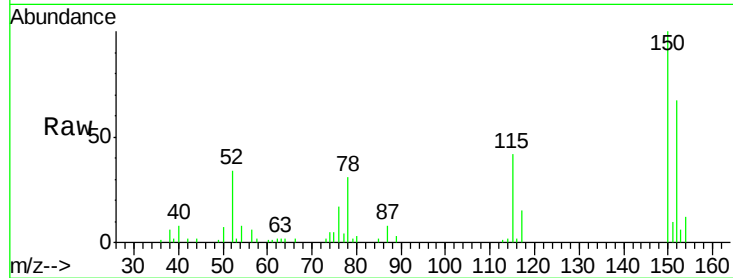




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG019121.D
 Acq: 10 Oct 2015 17:27

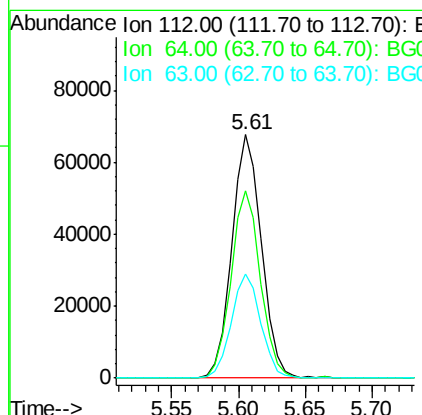
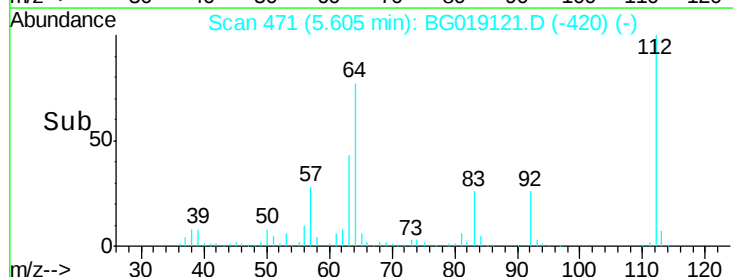
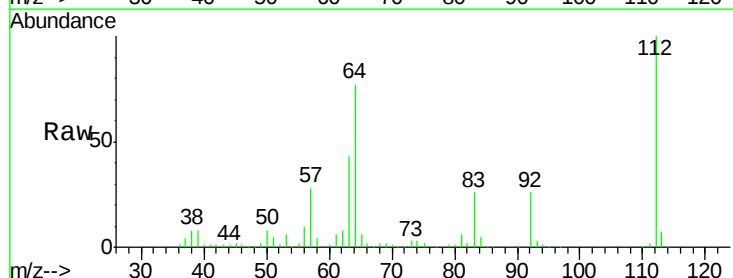
Instrument :
 BNA_G
 ClientSampleId :
 PB86017BL

Tgt Ion:152 Resp: 14335
 Ion Ratio Lower Upper
 152 100
 150 150.3 108.2 162.2
 115 63.5 43.2 64.8



#5
 2-Fluorophenol
 Concen: 148.27 ng
 RT: 5.61 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BG019121.D
 Acq: 10 Oct 2015 17:27

Tgt Ion:112 Resp: 104391
 Ion Ratio Lower Upper
 112 100
 64 76.8 59.0 88.4
 63 43.0 34.7 52.1





#7

Phenol-d6

Concen: 143.55 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG019121.D

Acq: 10 Oct 2015 17:27

Instrument :

BNA_G

ClientSampleId :

PB86017BL

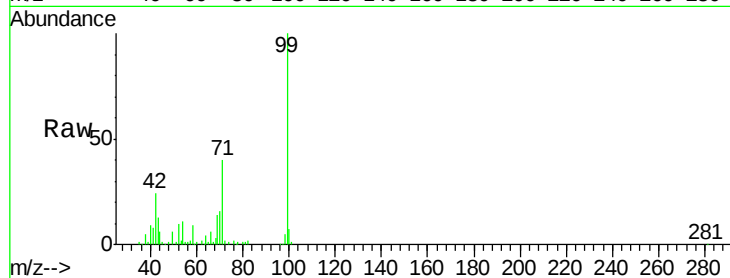
Tgt Ion: 99 Resp: 155264

Ion Ratio Lower Upper

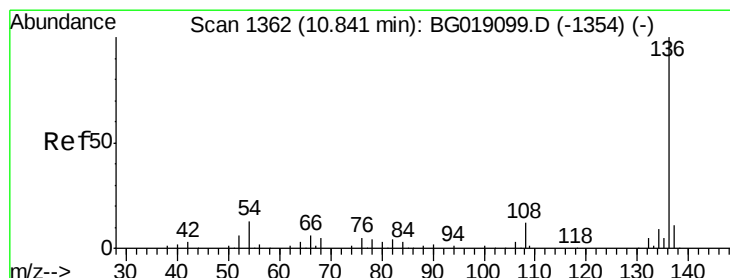
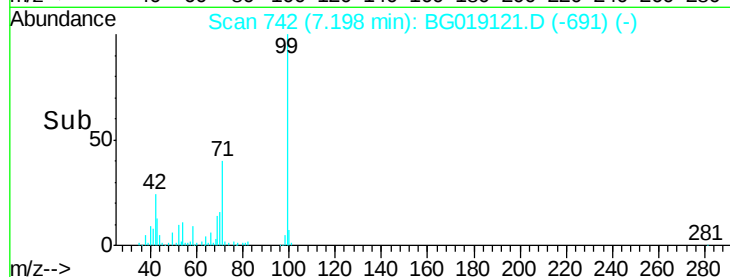
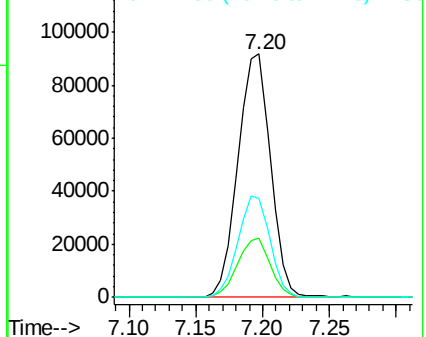
99 100

42 24.3 19.5 29.3

71 40.5 31.4 47.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BG019121.D

Acq: 10 Oct 2015 17:27

Tgt Ion: 136 Resp: 63594

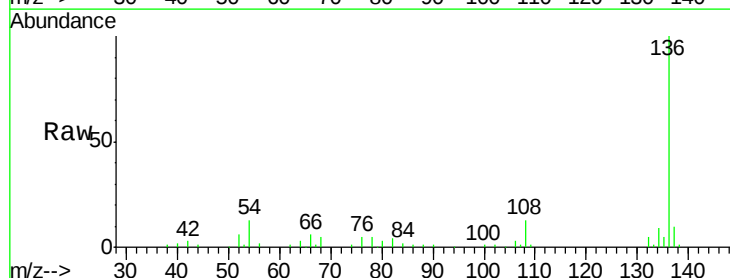
Ion Ratio Lower Upper

136 100

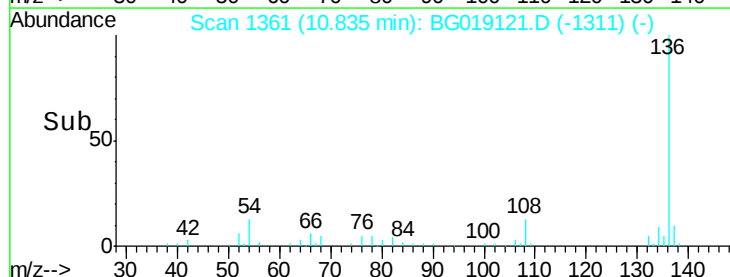
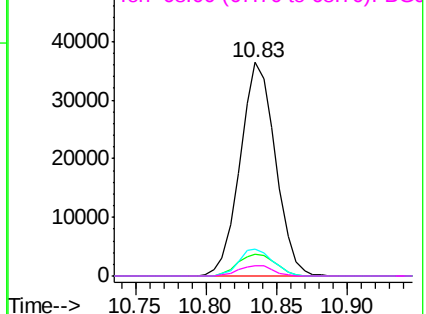
137 10.2 9.0 13.4

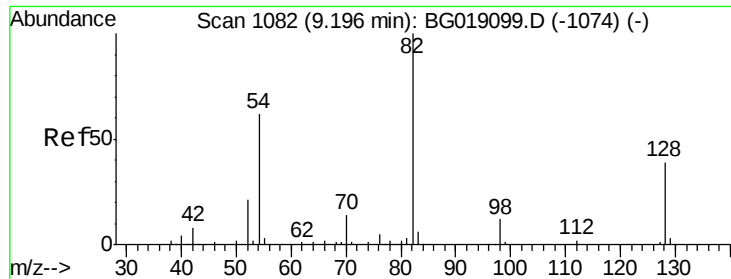
54 12.6 10.1 15.1

68 4.9 4.4 6.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

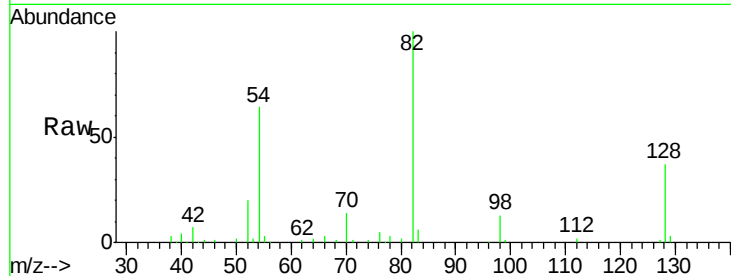




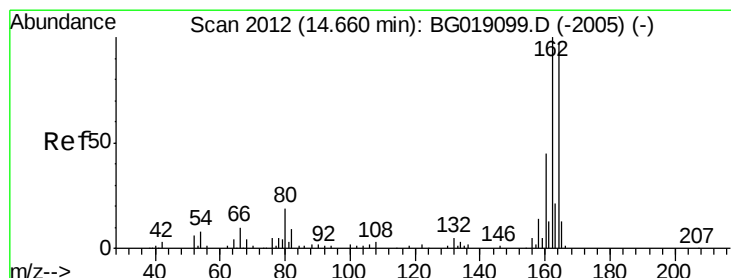
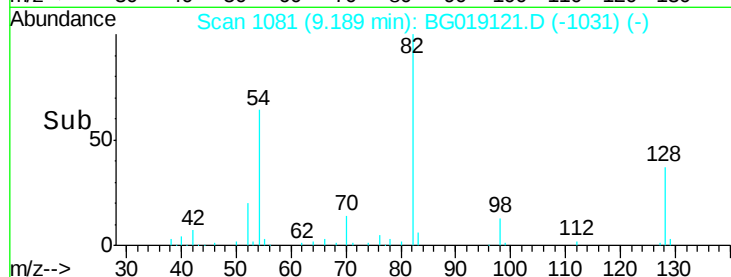
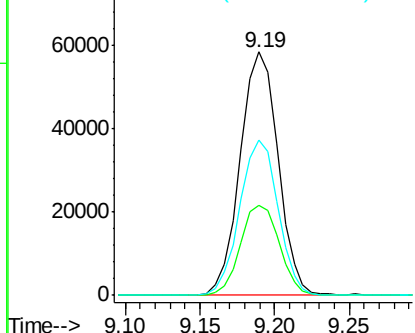
#23
Nitrobenzene-d5
Concen: 89.79 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019121.D
Acq: 10 Oct 2015 17:27

Instrument :
BNA_G
ClientSampleId :
PB86017BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	31.4	47.2
54	63.8	50.0	75.0

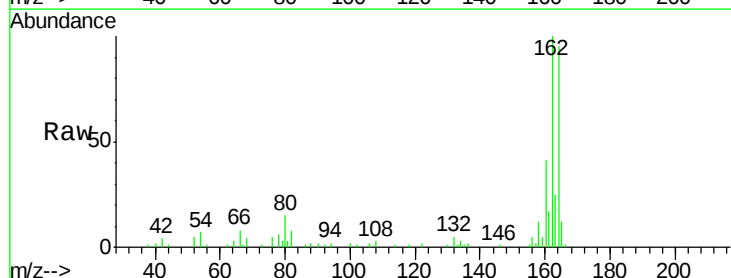


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

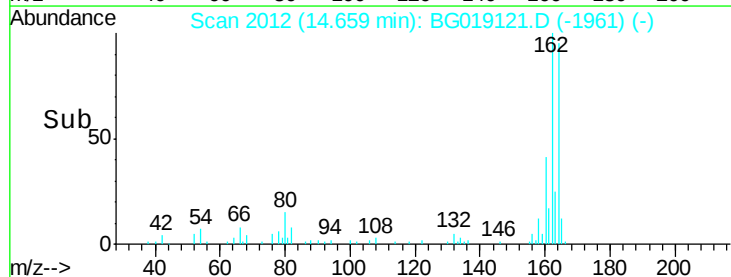
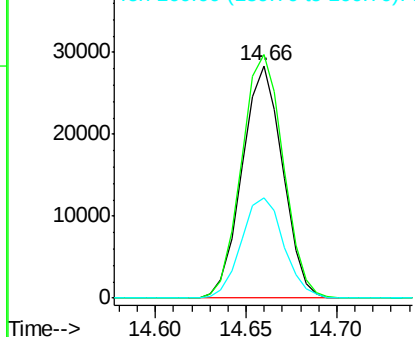


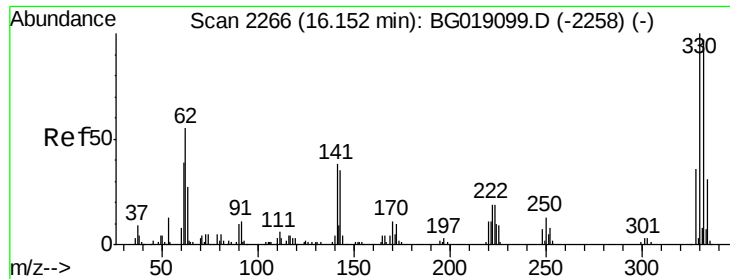
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019121.D
Acq: 10 Oct 2015 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	124.0
160	43.4	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

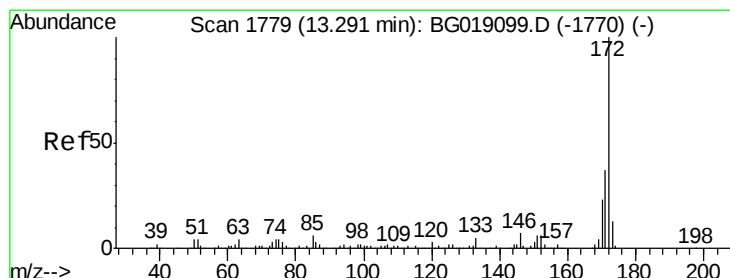
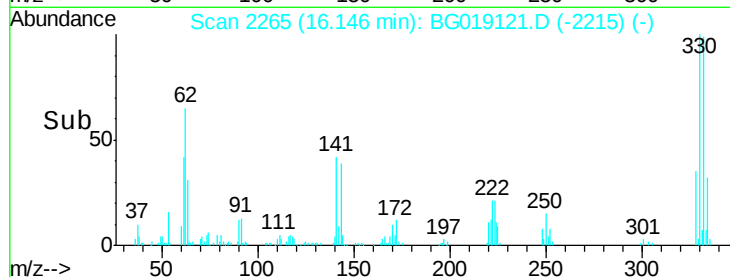
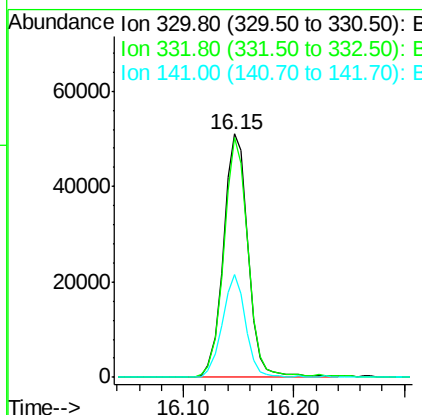
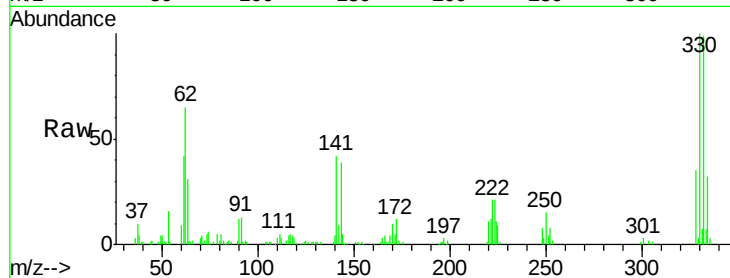




#41
 2,4,6-Tribromophenol
 Concen: 133.21 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019121.D
 Acq: 10 Oct 2015 17:27

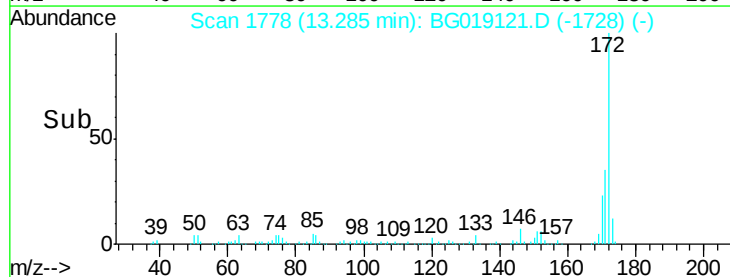
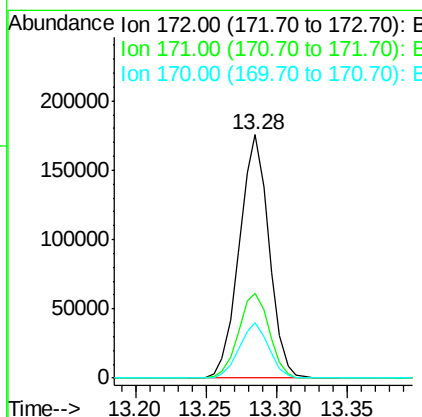
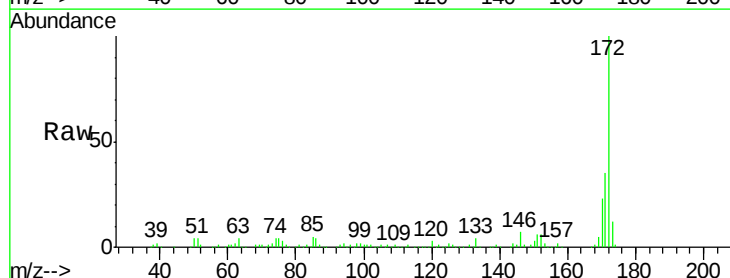
Instrument :
 BNA_G
 ClientSampleId :
 PB86017BL

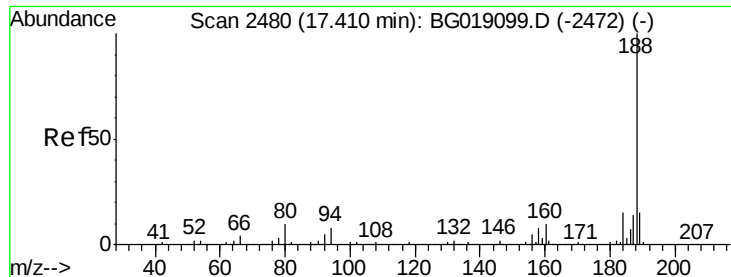
Tgt Ion: 330 Resp: 79939
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 39.6 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 89.83 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019121.D
 Acq: 10 Oct 2015 17:27

Tgt Ion: 172 Resp: 257274
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.9 44.9
 170 22.9 18.6 27.8

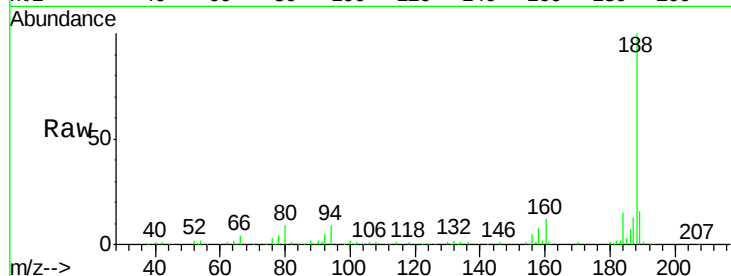




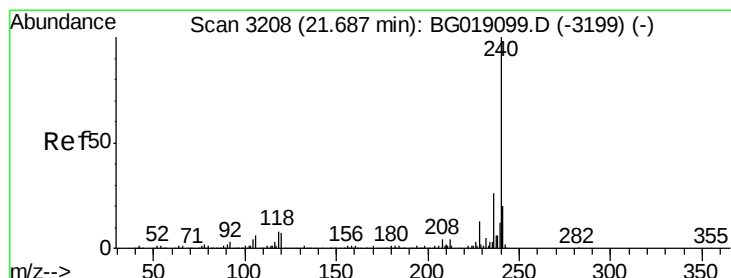
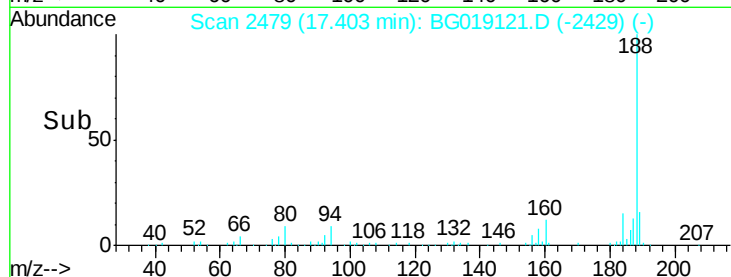
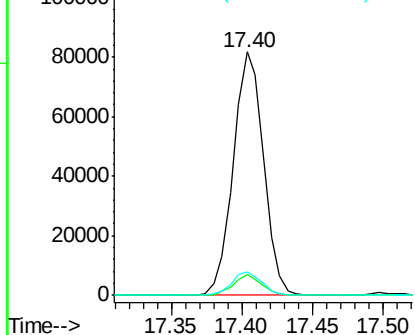
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019121.D
Acq: 10 Oct 2015 17:27

Instrument :
BNA_G
ClientSampleId :
PB86017BL

Tgt Ion:188 Resp: 122047
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.4 7.6 11.4

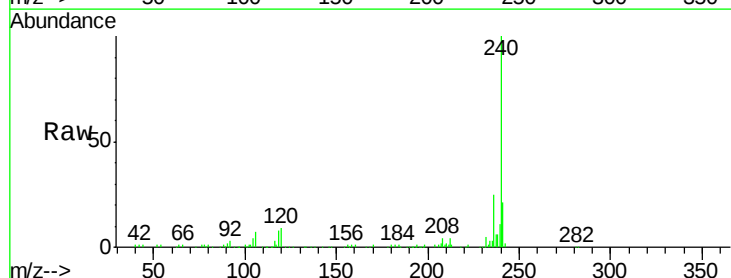


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

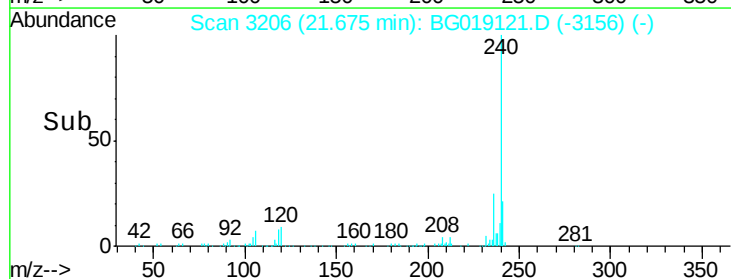
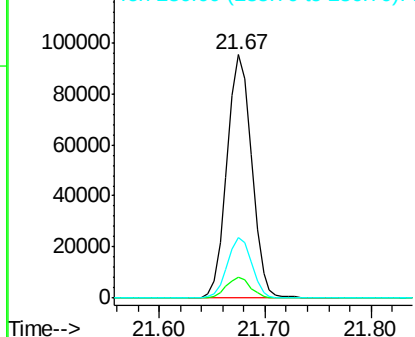


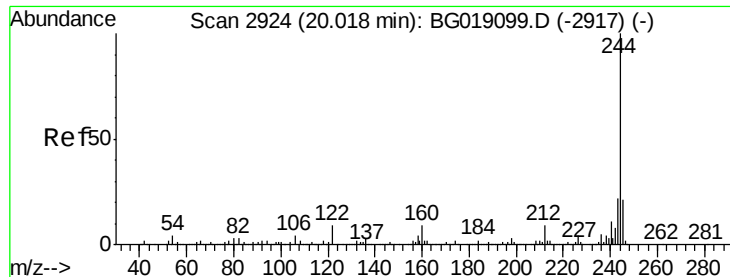
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG019121.D
Acq: 10 Oct 2015 17:27

Tgt Ion:240 Resp: 154642
Ion Ratio Lower Upper
240 100
120 8.5 5.8 8.6
236 24.7 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





#78

Terphenyl-d14

Concen: 92.60 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019121.D

Acq: 10 Oct 2015 17:27

Instrument :

BNA_G

ClientSampled :

PB86017BL

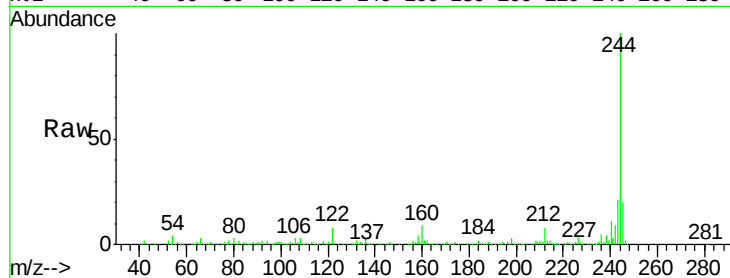
Tgt Ion:244 Resp: 542090

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

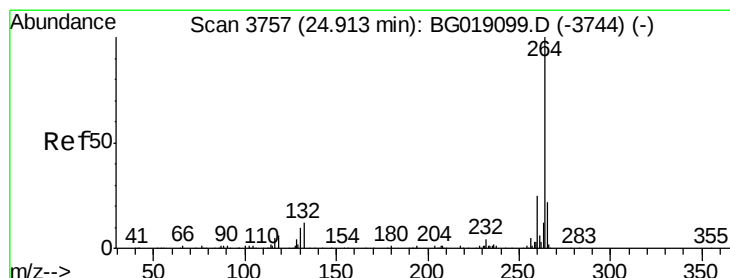
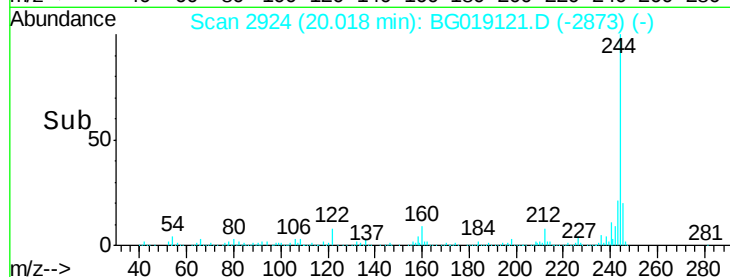
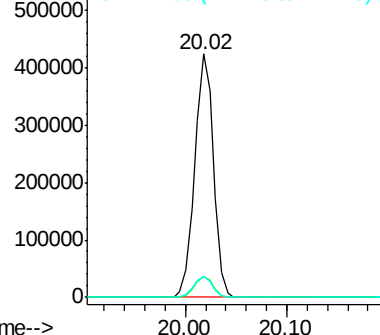
122 8.5 7.4 11.2



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: 24.90 min Scan# 3755

Delta R.T. -0.00 min

Lab File: BG019121.D

Acq: 10 Oct 2015 17:27

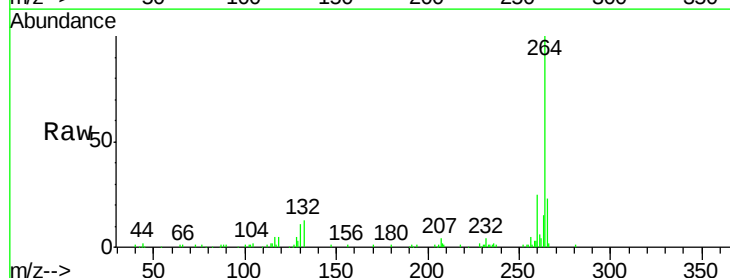
Tgt Ion:264 Resp: 135765

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 22.8 17.2 25.8



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

