

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019116.D
 Acq On : 10 Oct 2015 14:17
 Operator : UM/NP
 Sample : PB86038BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86038BL

Quant Time: Oct 12 06:47:26 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	15504	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	67839	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	50008	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	136719	20.00	ng	0.00
75) Chrysene-d12	21.68	240	176853	20.00	ng	0.00
86) Perylene-d12	24.91	264	169043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	102704	134.88	ng	0.00
7) Phenol-d6	7.19	99	153819	131.49	ng	0.00
23) Nitrobenzene-d5	9.19	82	103470	84.27	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	82490	121.05	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	256629	78.91	ng	0.00
78) Terphenyl-d14	20.02	244	549508	82.08	ng	0.00

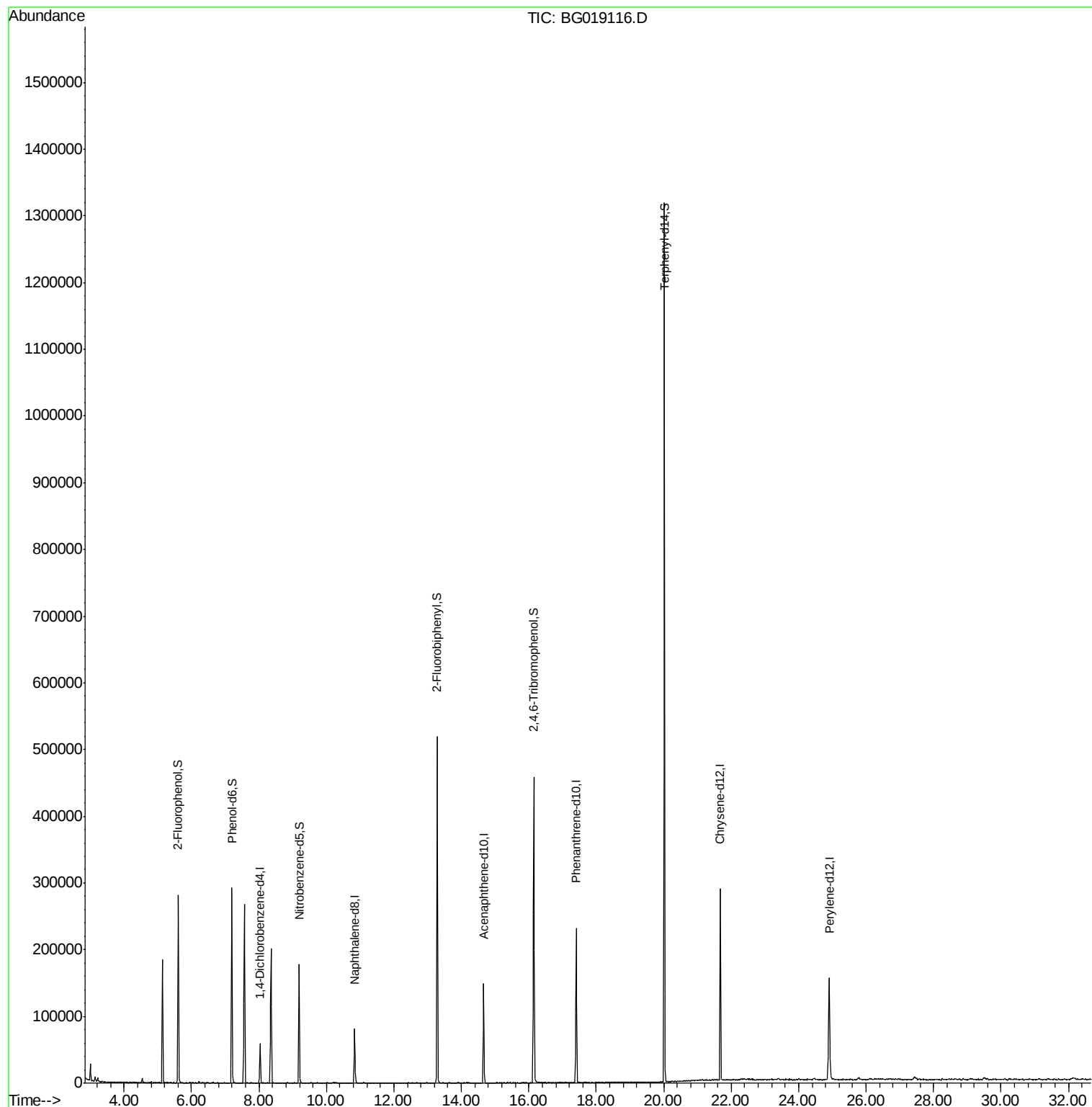
Target Compounds	Qvalue
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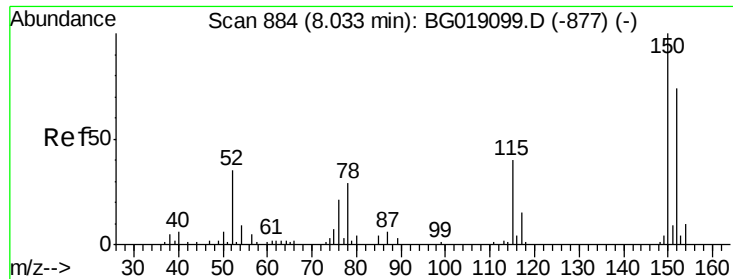
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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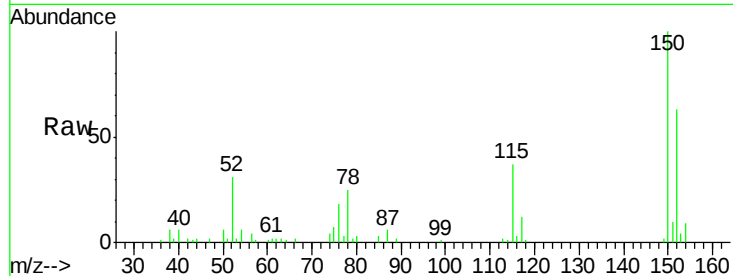




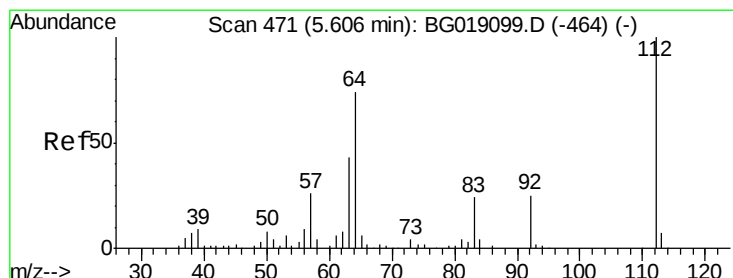
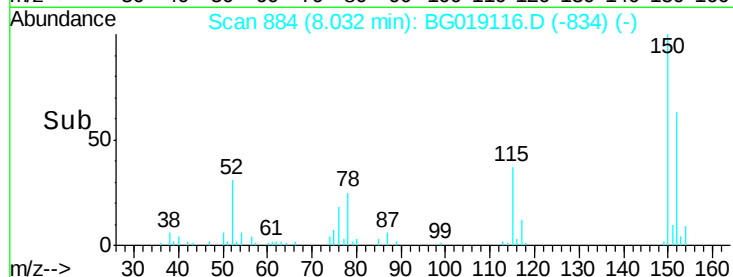
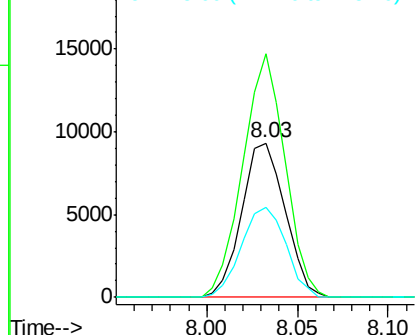
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG019116.D
 Acq: 10 Oct 2015 14:17

Instrument :
 BNA_G
 ClientSampleId :
 PB86038BL

Tgt Ion:152 Resp: 15504
 Ion Ratio Lower Upper
 152 100
 150 157.6 108.2 162.2
 115 58.5 43.2 64.8

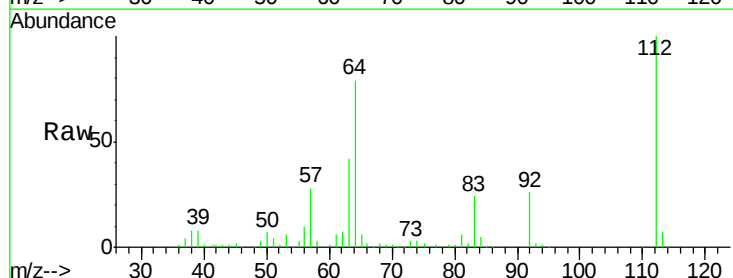


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

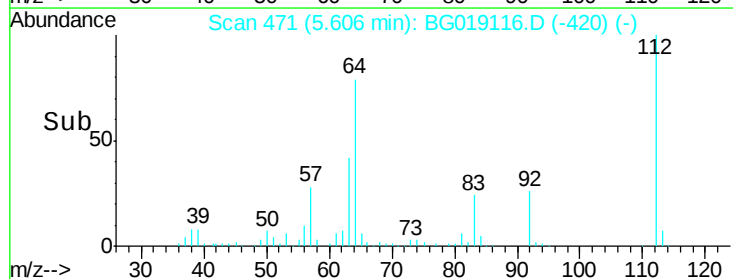
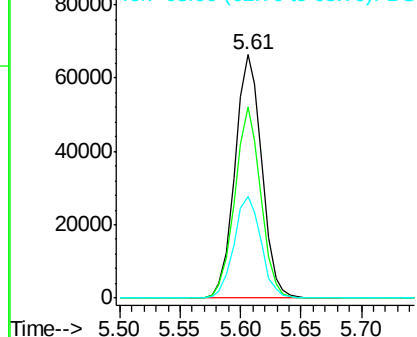


#5
 2-Fluorophenol
 Concen: 134.88 ng
 RT: 5.61 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BG019116.D
 Acq: 10 Oct 2015 14:17

Tgt Ion:112 Resp: 102704
 Ion Ratio Lower Upper
 112 100
 64 78.7 59.0 88.4
 63 41.7 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.49 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019116.D

Acq: 10 Oct 2015 14:17

Instrument :

BNA_G

ClientSampleId :

PB86038BL

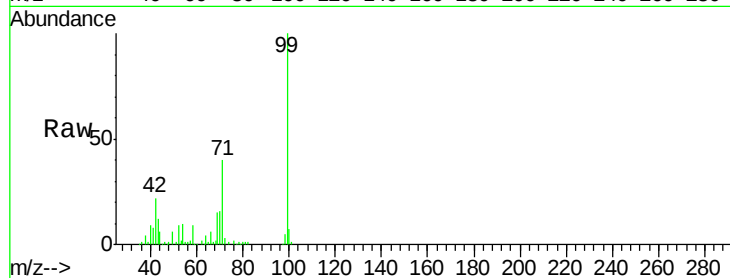
Tgt Ion: 99 Resp: 153819

Ion Ratio Lower Upper

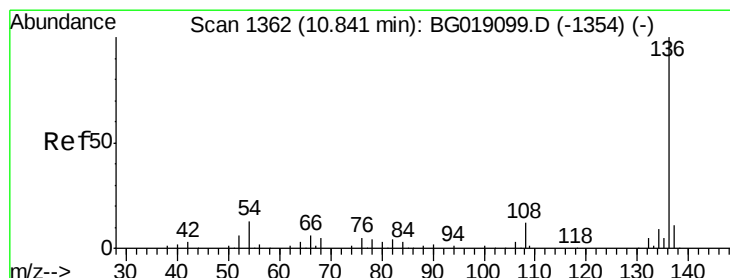
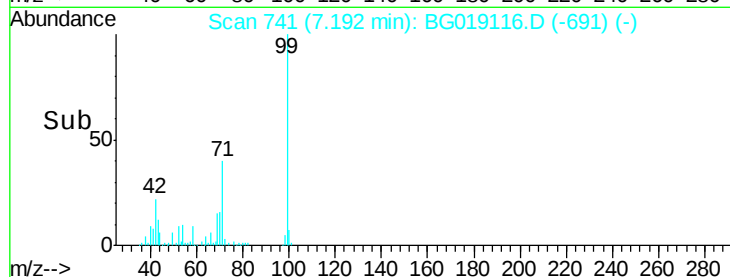
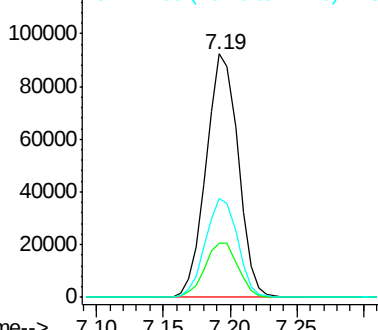
99 100

42 22.4 19.5 29.3

71 40.4 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: 10.84 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BG019116.D

Acq: 10 Oct 2015 14:17

Tgt Ion: 136 Resp: 67839

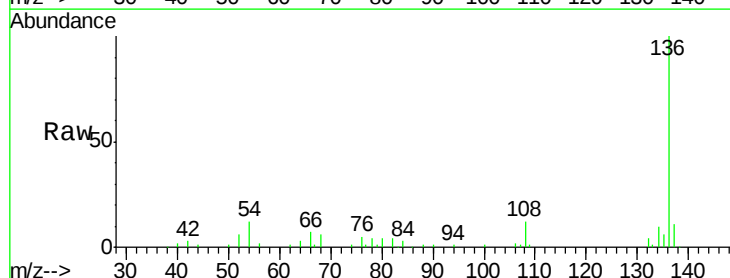
Ion Ratio Lower Upper

136 100

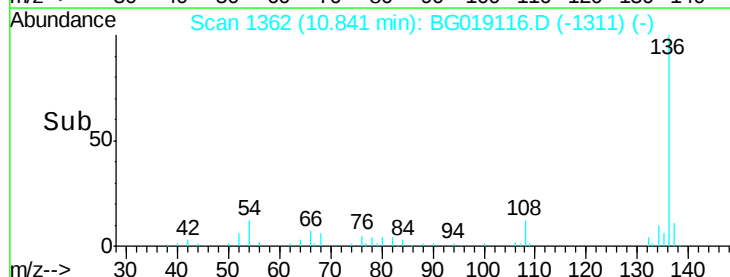
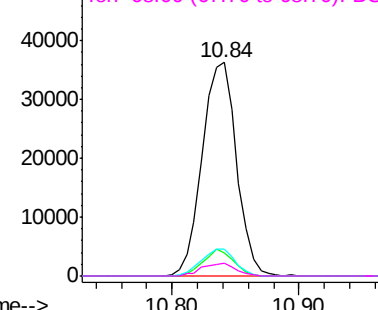
137 11.0 9.0 13.4

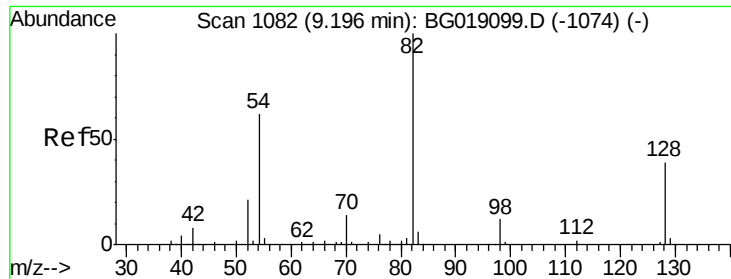
54 12.4 10.1 15.1

68 6.2 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

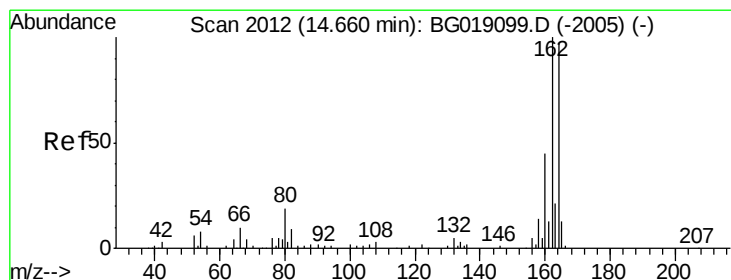
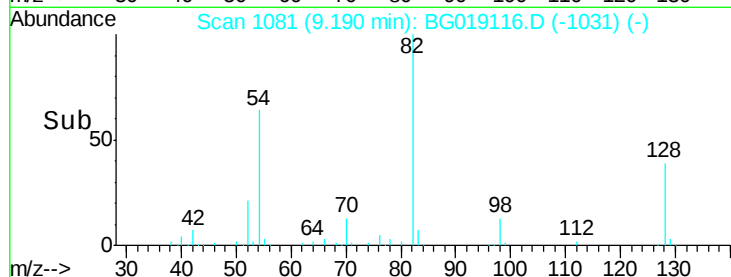
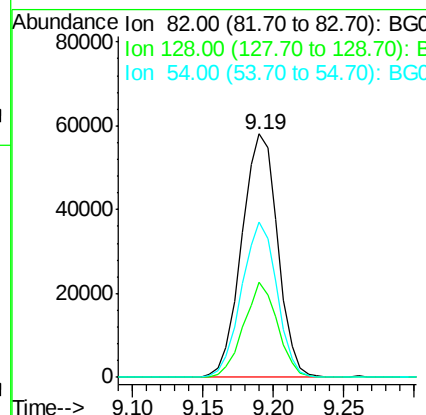
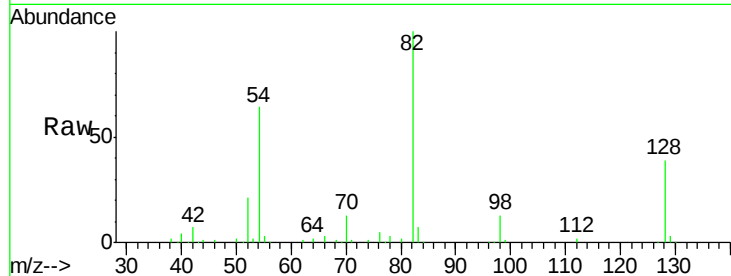




#23
Nitrobenzene-d5
Concen: 84.27 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019116.D
Acq: 10 Oct 2015 14:17

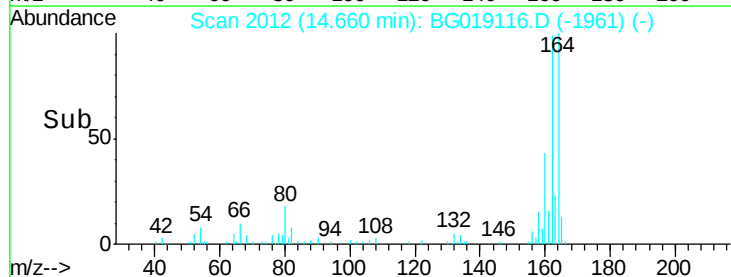
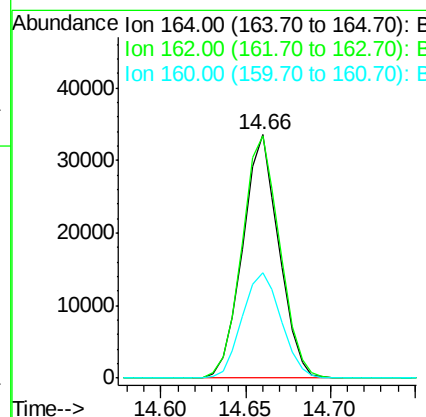
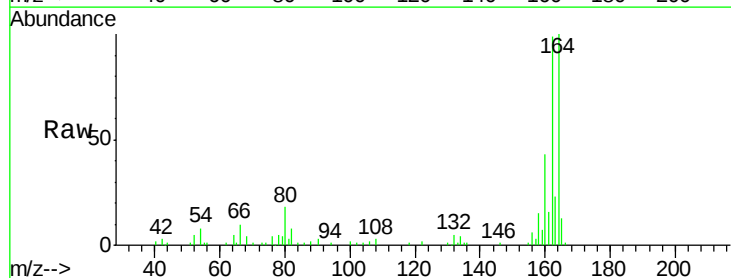
Instrument :
BNA_G
ClientSampleId :
PB86038BL

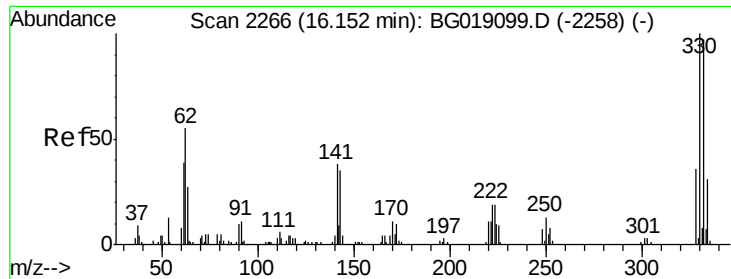
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.4	47.2
54	63.6	50.0	75.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019116.D
Acq: 10 Oct 2015 14:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	124.0
160	43.1	36.9	55.3

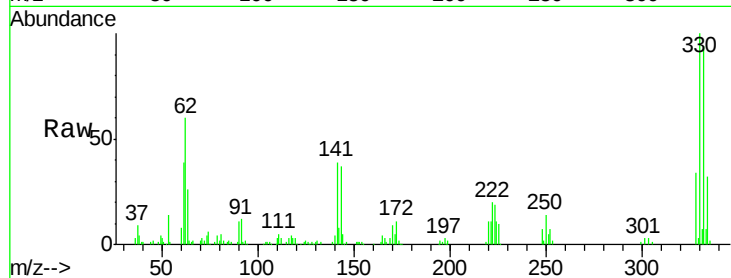




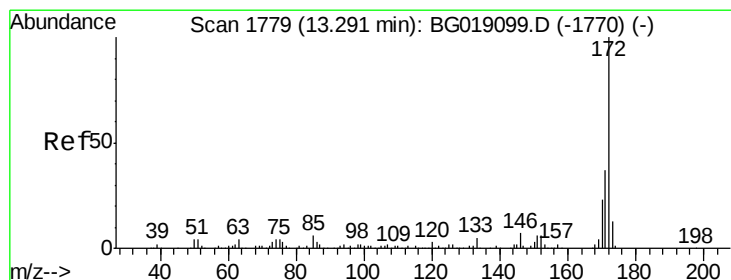
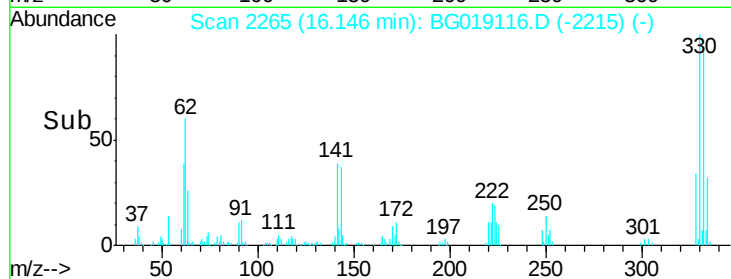
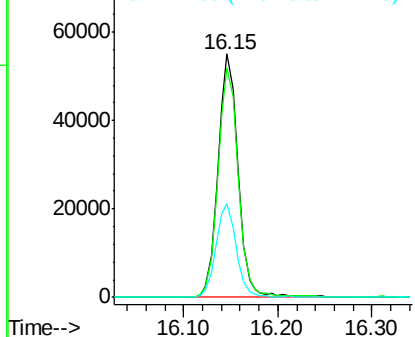
#41
 2,4,6-Tribromophenol
 Concen: 121.05 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019116.D
 Acq: 10 Oct 2015 14:17

Instrument :
 BNA_G
 ClientSampleId :
 PB86038BL

Tgt Ion:330 Resp: 82490
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 38.9 30.7 46.1

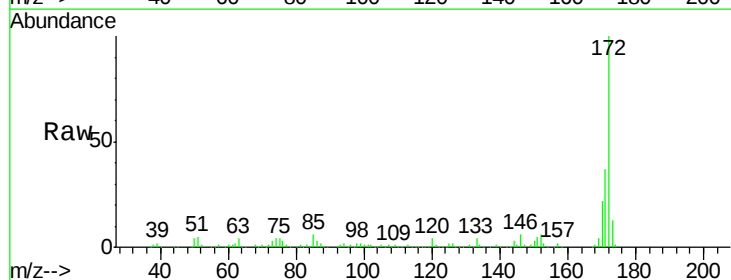


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

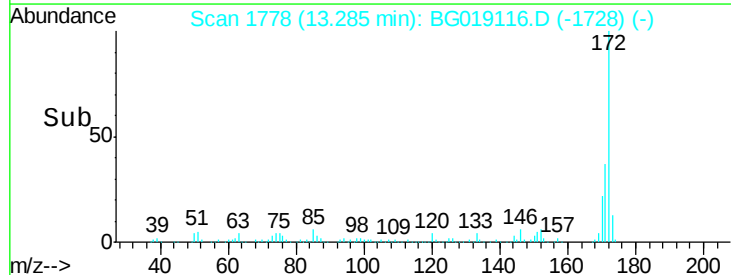
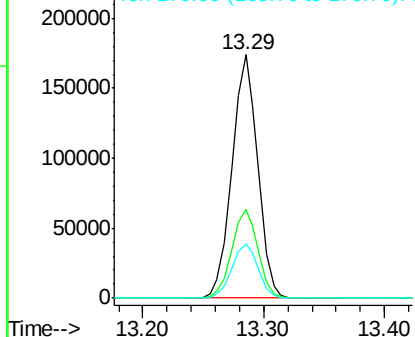


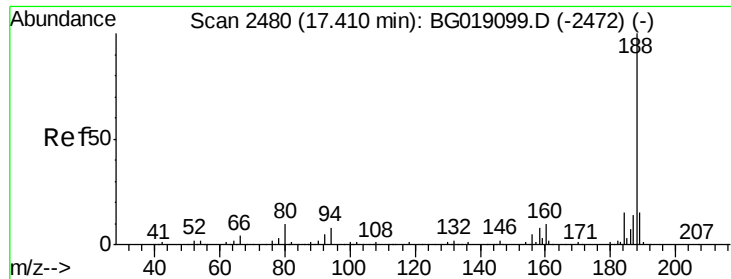
#44
 2-Fluorobiphenyl
 Concen: 78.91 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019116.D
 Acq: 10 Oct 2015 14:17

Tgt Ion:172 Resp: 256629
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.9 44.9
 170 22.4 18.6 27.8



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

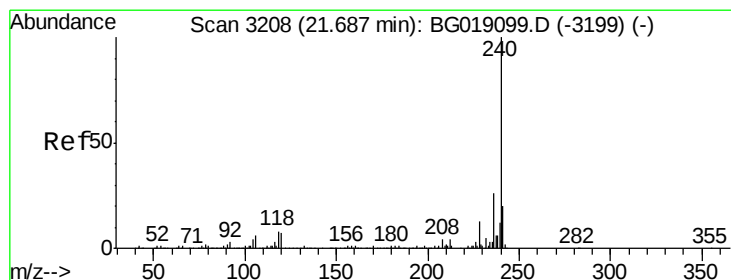
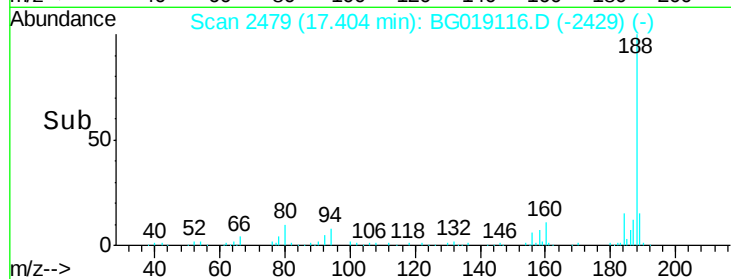
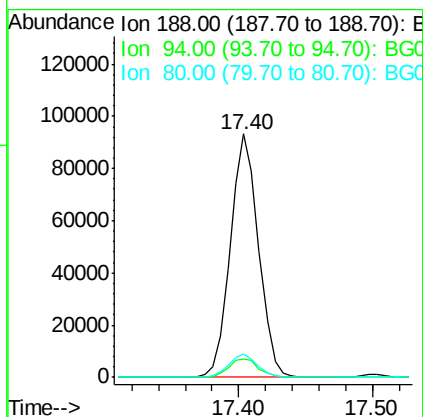
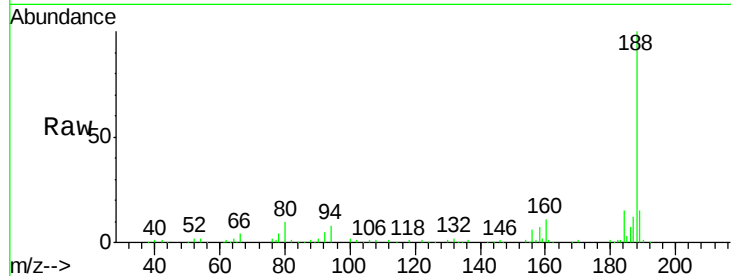




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019116.D
Acq: 10 Oct 2015 14:17

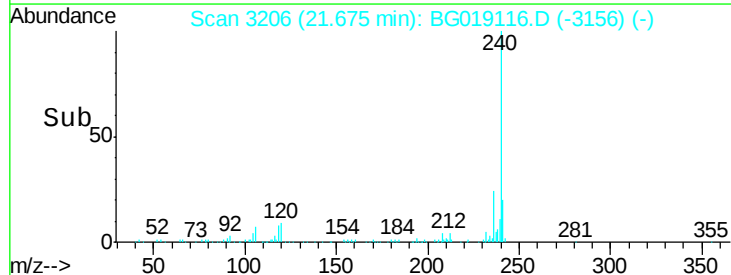
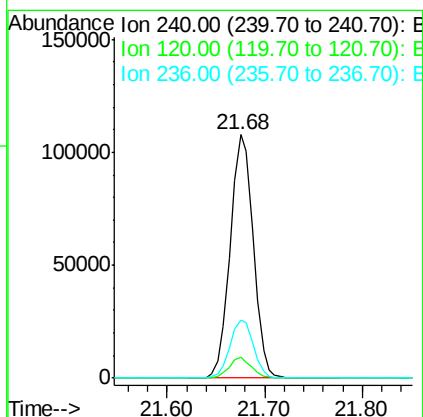
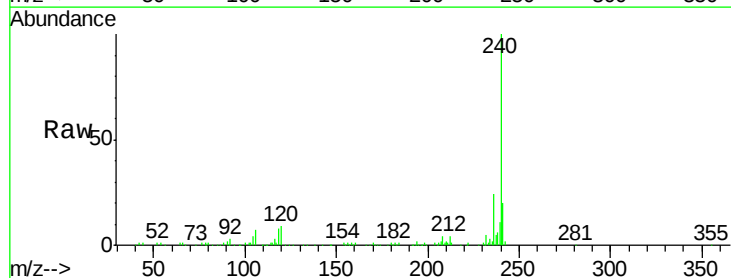
Instrument :
BNA_G
ClientSampleId :
PB86038BL

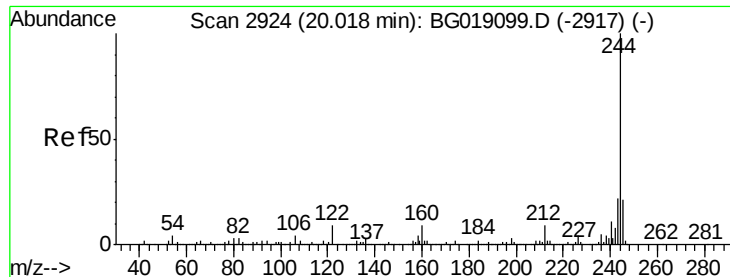
Tgt Ion:188 Resp: 136719
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 9.5 7.6 11.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG019116.D
Acq: 10 Oct 2015 14:17

Tgt Ion:240 Resp: 176853
Ion Ratio Lower Upper
240 100
120 8.5 5.8 8.6
236 23.8 21.2 31.8





#78

Terphenyl-d14

Concen: 82.08 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019116.D

Acq: 10 Oct 2015 14:17

Instrument :

BNA_G

ClientSampleId :

PB86038BL

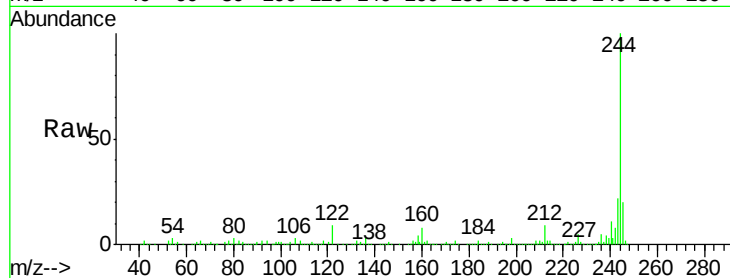
Tgt Ion:244 Resp: 549508

Ion Ratio Lower Upper

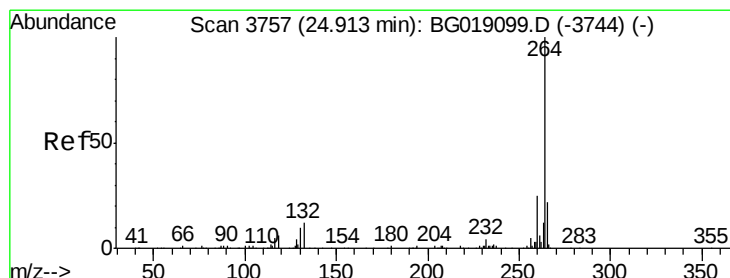
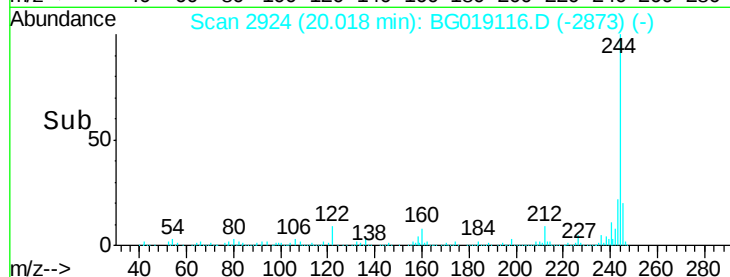
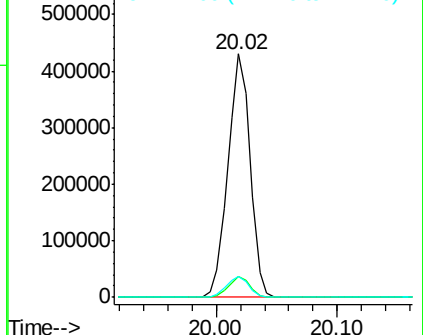
244 100

212 8.5 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: 24.91 min Scan# 3756

Delta R.T. 0.00 min

Lab File: BG019116.D

Acq: 10 Oct 2015 14:17

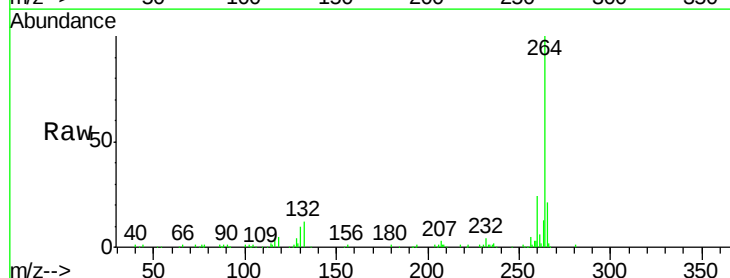
Tgt Ion:264 Resp: 169043

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 20.6 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

