

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019115.D
 Acq On : 10 Oct 2015 13:39
 Operator : UM/NP
 Sample : PB86035TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86035TB

Quant Time: Oct 12 06:45:42 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	16888	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	70678	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	49909	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	139961	20.00	ng	0.00
75) Chrysene-d12	21.68	240	182987	20.00	ng	0.00
86) Perylene-d12	24.90	264	175193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	110557	133.29	ng	0.00
7) Phenol-d6	7.19	99	163630	128.42	ng	0.00
23) Nitrobenzene-d5	9.19	82	108198	84.59	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	84568	124.34	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	262669	80.92	ng	0.00
78) Terphenyl-d14	20.02	244	562538	81.21	ng	0.00

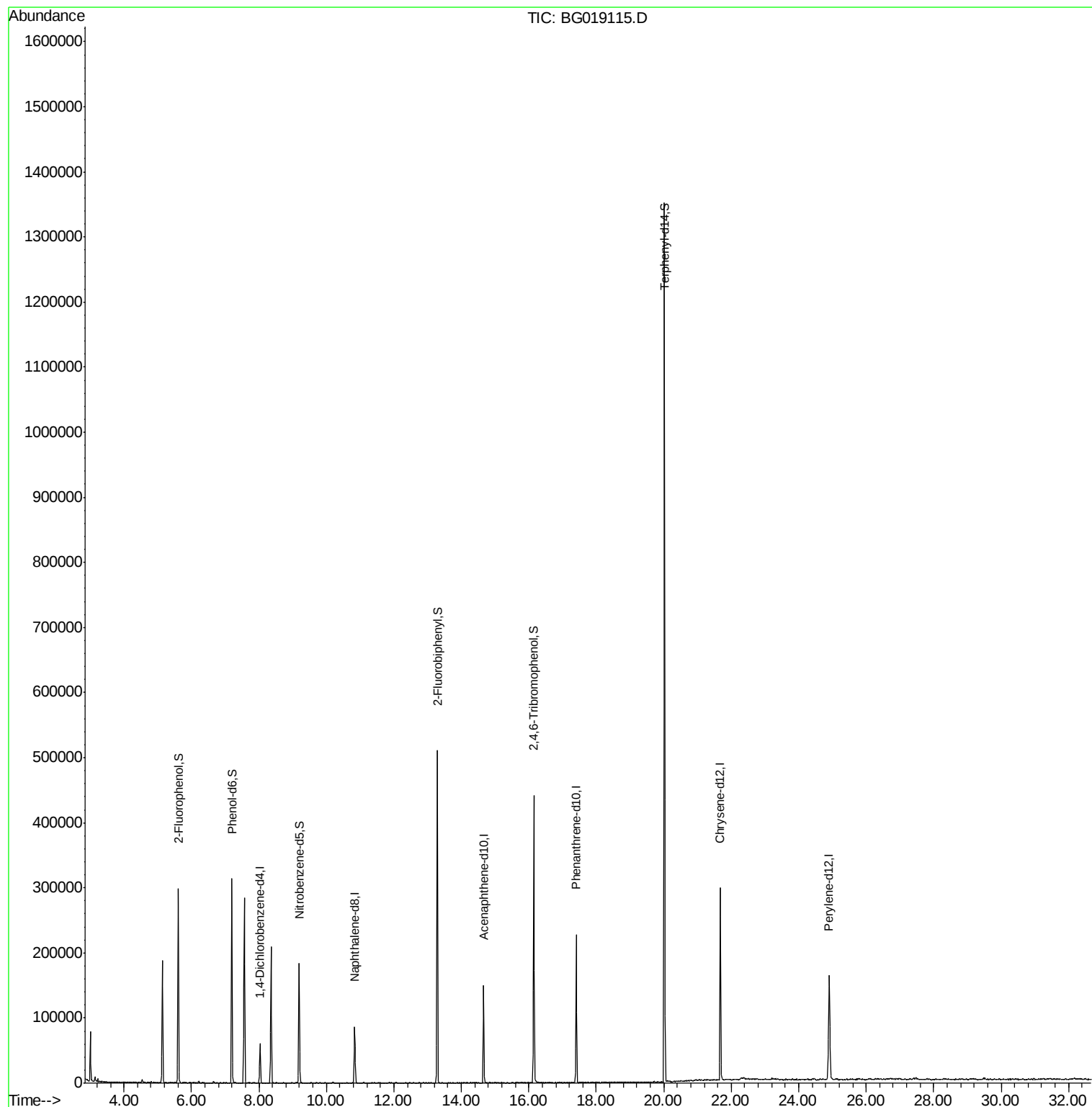
Target Compounds	Qvalue
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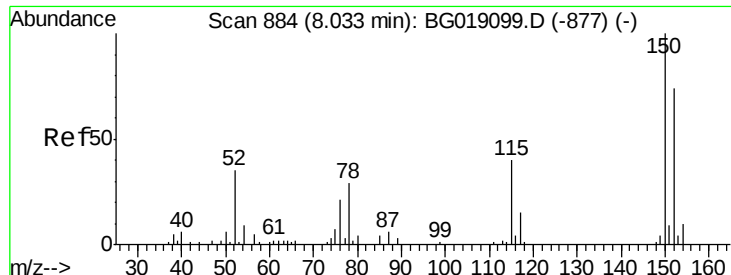
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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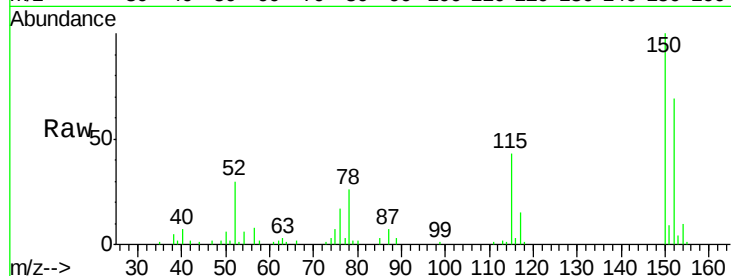




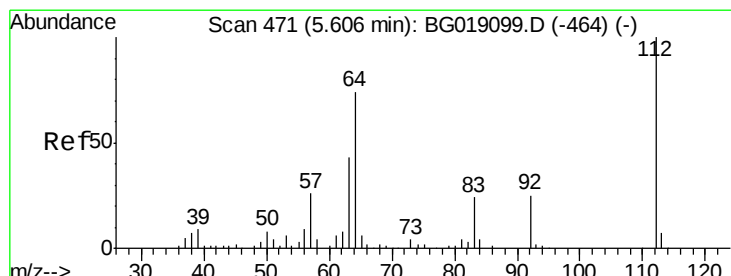
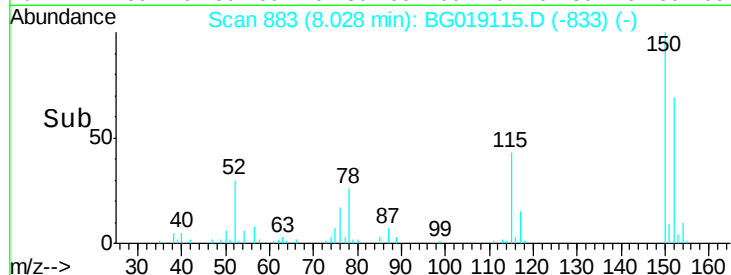
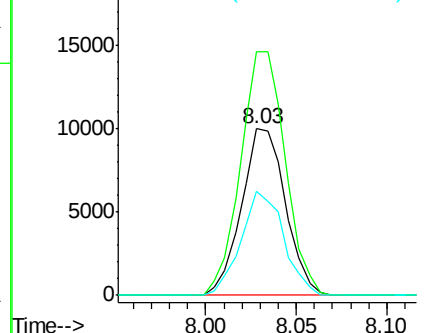
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BG019115.D
 Acq: 10 Oct 2015 13:39

Instrument :
 BNA_G
 ClientSampleId :
 PB86035TB

Tgt Ion:152 Resp: 16888
 Ion Ratio Lower Upper
 152 100
 150 145.8 108.2 162.2
 115 62.8 43.2 64.8

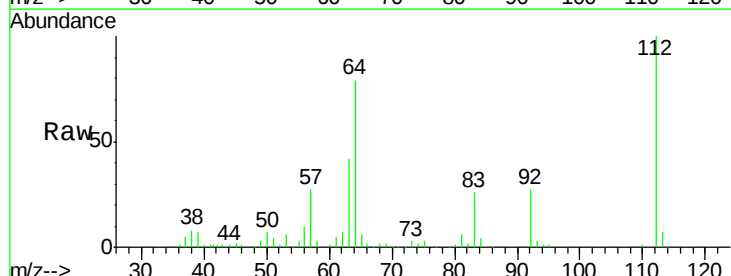


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

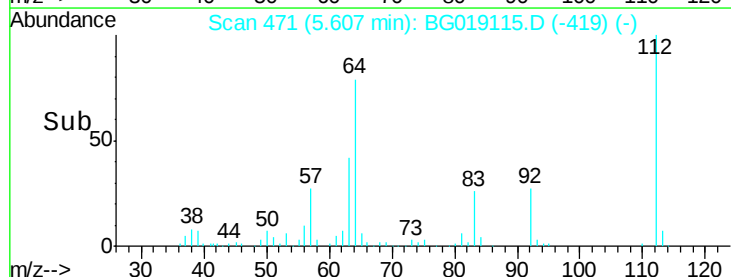
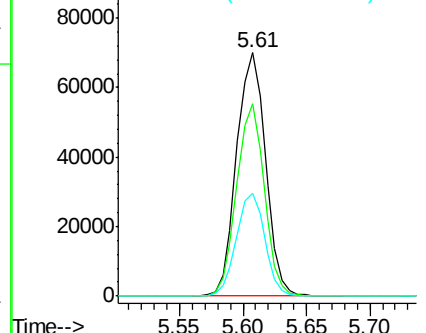


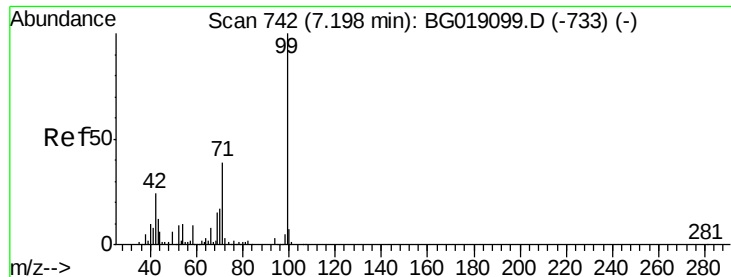
#5
 2-Fluorophenol
 Concen: 133.29 ng
 RT: 5.61 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BG019115.D
 Acq: 10 Oct 2015 13:39

Tgt Ion:112 Resp: 110557
 Ion Ratio Lower Upper
 112 100
 64 78.8 59.0 88.4
 63 42.0 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: 128.42 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019115.D

Acq: 10 Oct 2015 13:39

Instrument :

BNA_G

ClientSampleId :

PB86035TB

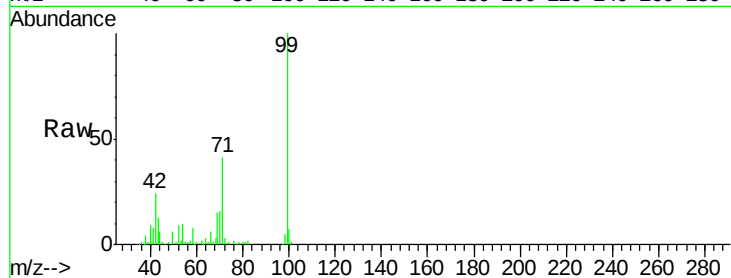
Tgt Ion: 99 Resp: 163630

Ion Ratio Lower Upper

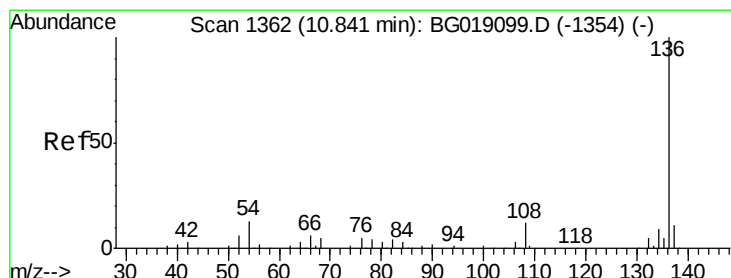
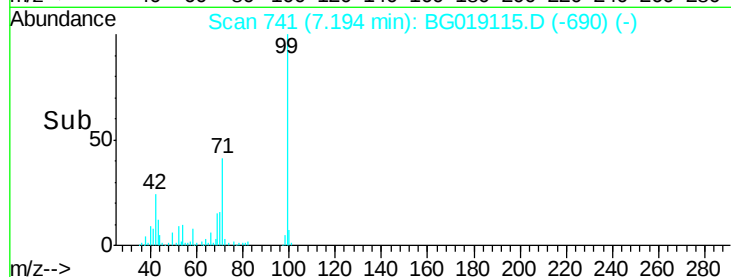
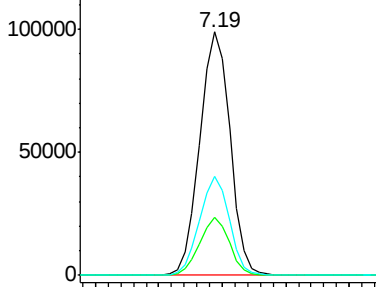
99 100

42 23.7 19.5 29.3

71 40.8 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# 1361

Delta R.T. -0.00 min

Lab File: BG019115.D

Acq: 10 Oct 2015 13:39

Tgt Ion: 136 Resp: 70678

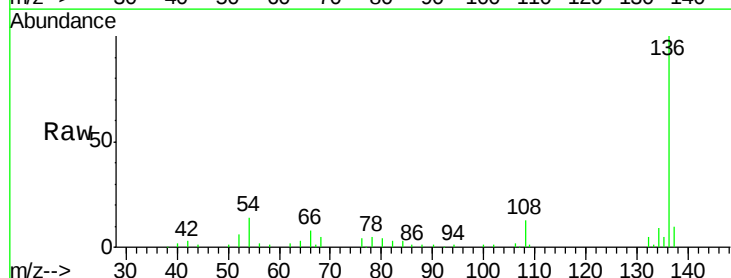
Ion Ratio Lower Upper

136 100

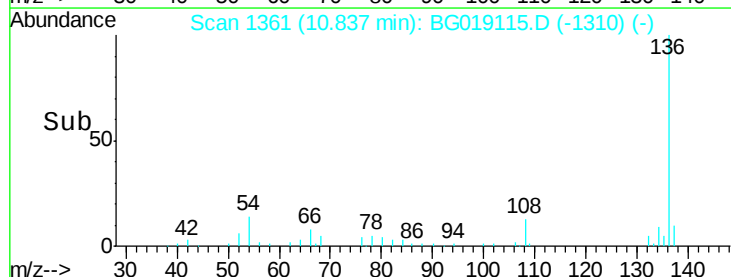
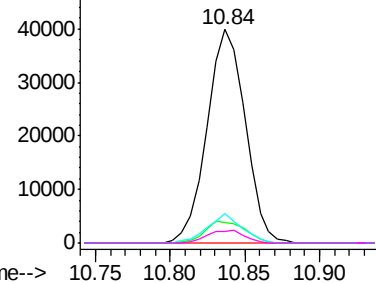
137 9.9 9.0 13.4

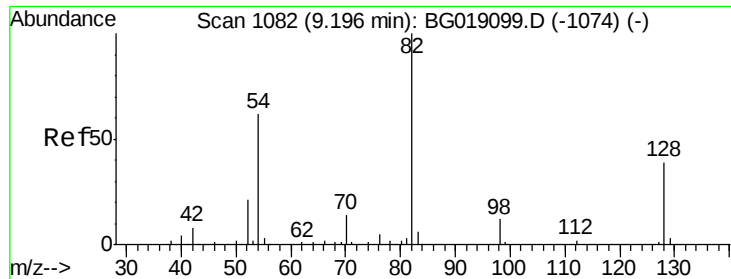
54 13.6 10.1 15.1

68 5.3 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

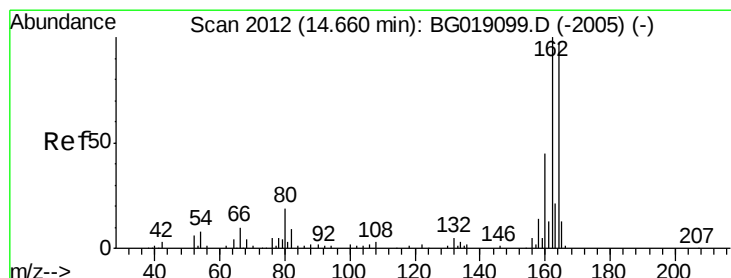
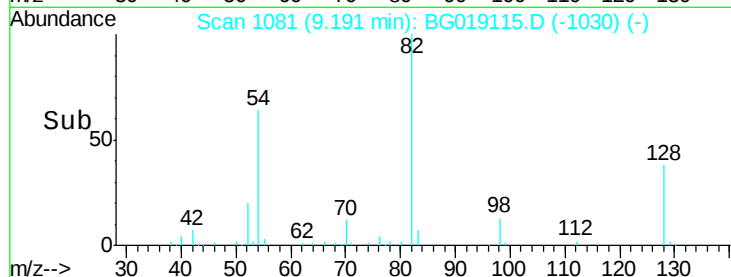
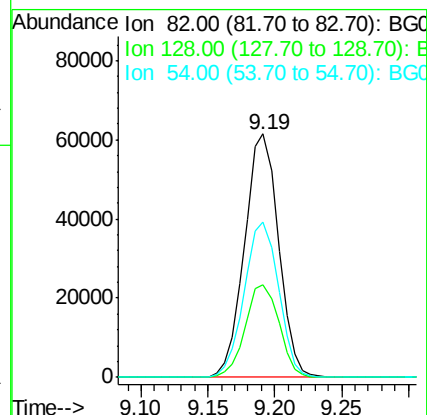
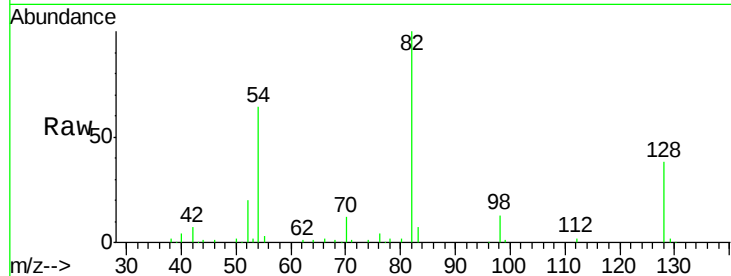




#23
 Nitrobenzene-d5
 Concen: 84.59 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BG019115.D
 Acq: 10 Oct 2015 13:39

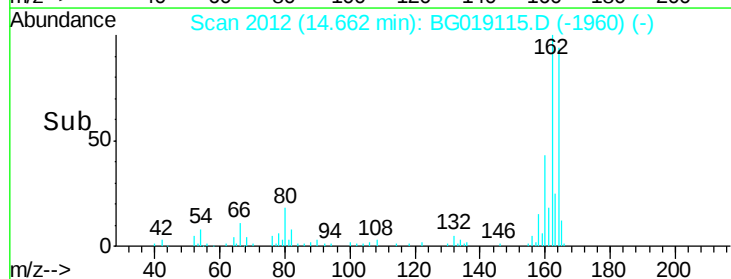
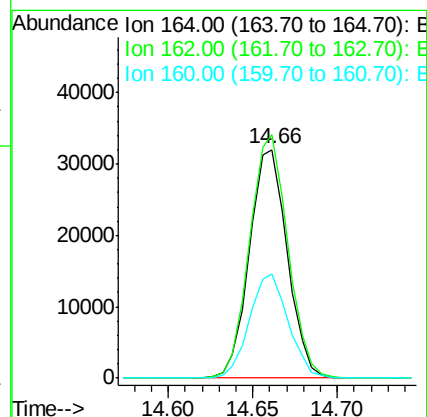
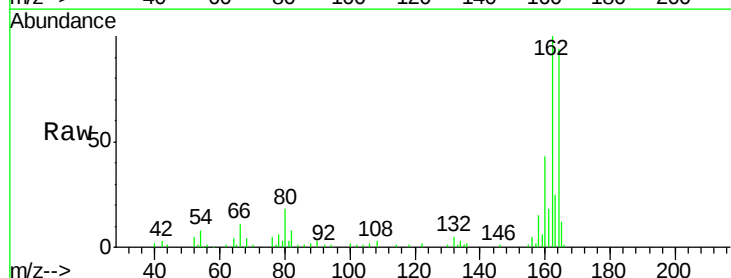
Instrument :
 BNA_G
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 PB86035TB

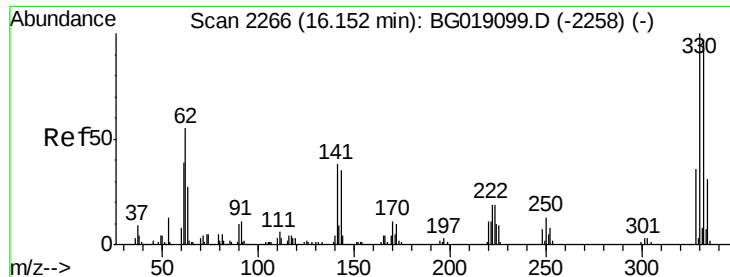
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.4	47.2
54	64.0	50.0	75.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG019115.D
 Acq: 10 Oct 2015 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.6	124.0
160	45.6	36.9	55.3

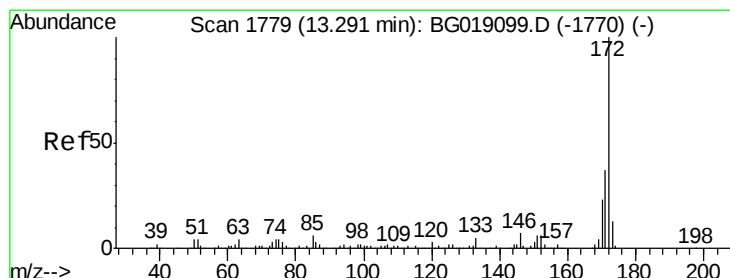
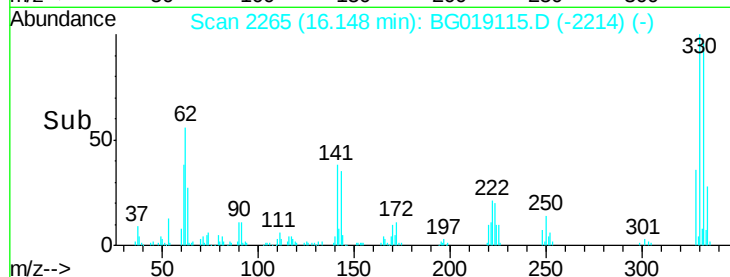
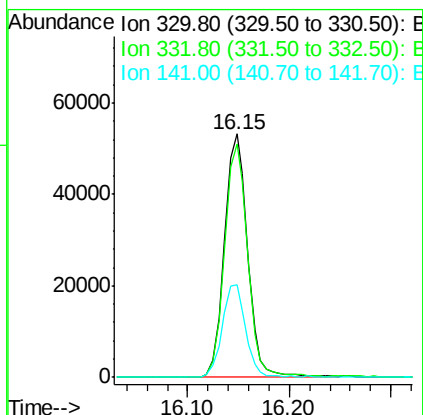
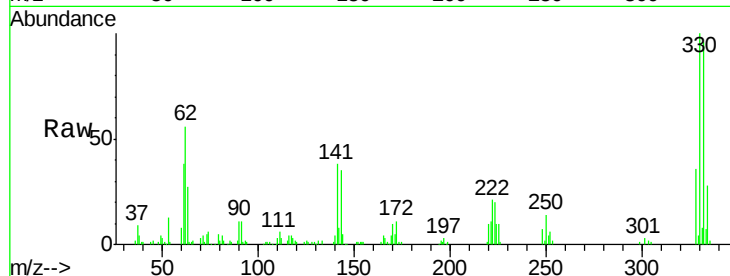




#41
 2,4,6-Tribromophenol
 Concen: 124.34 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019115.D
 Acq: 10 Oct 2015 13:39

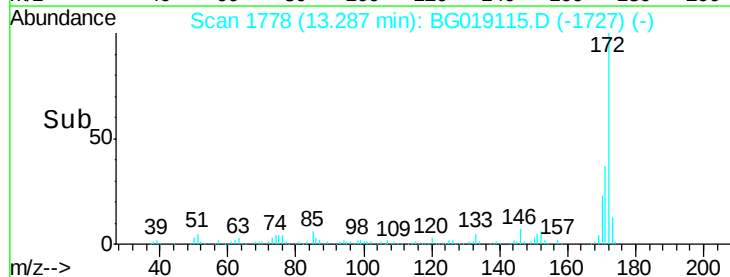
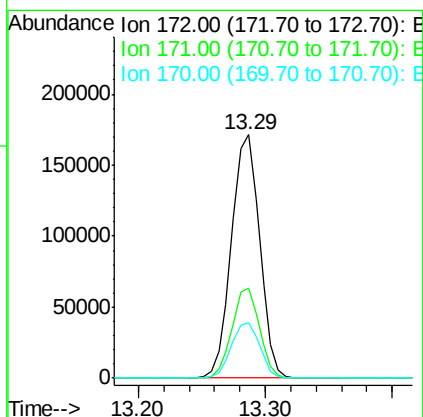
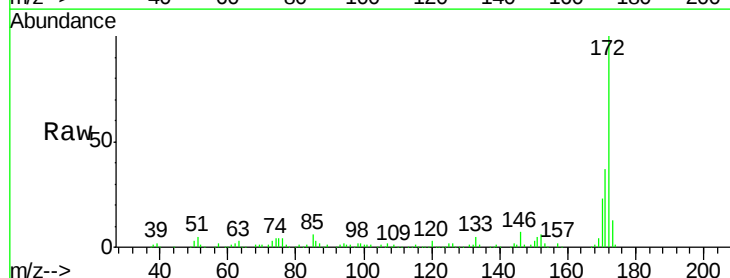
Instrument :
 BNA_G
 ClientSampleId :
 PB86035TB

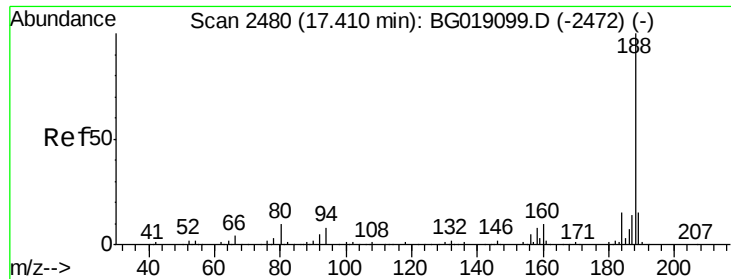
Tgt Ion: 330 Resp: 84568
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 38.8 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 80.92 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019115.D
 Acq: 10 Oct 2015 13:39

Tgt Ion: 172 Resp: 262669
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 22.6 18.6 27.8

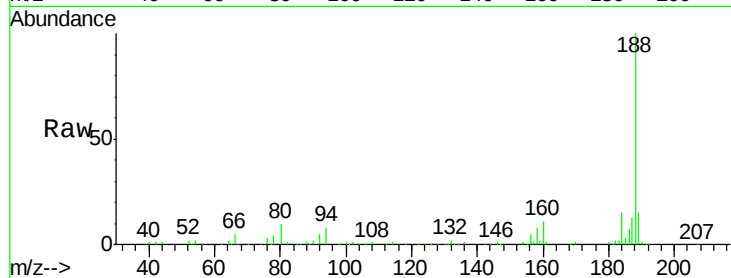




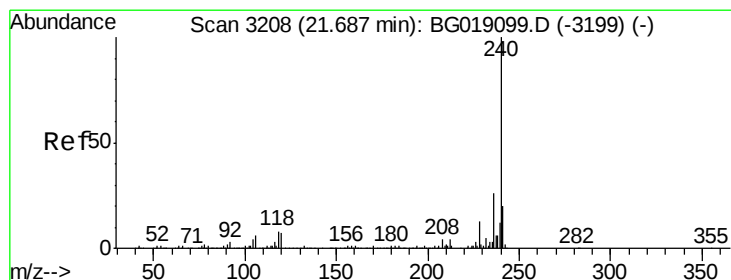
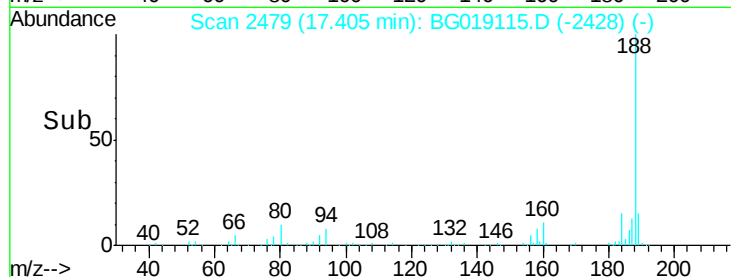
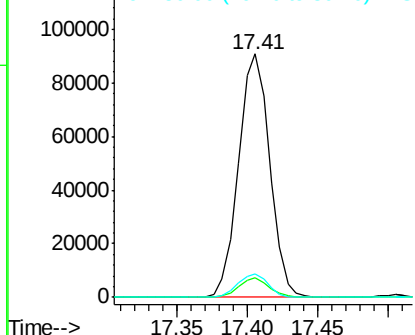
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Instrument :
BNA_G
ClientSampleId :
PB86035TB

Tgt Ion:188 Resp: 139961
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 9.6 7.6 11.4

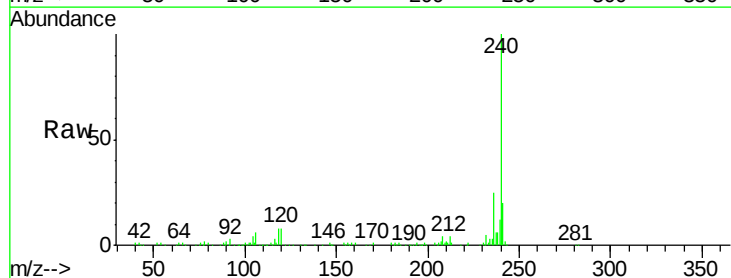


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

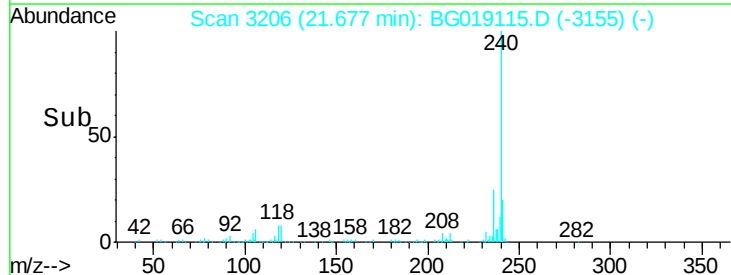
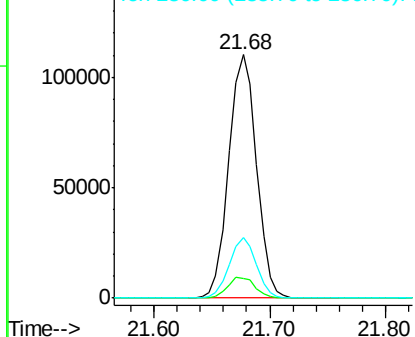


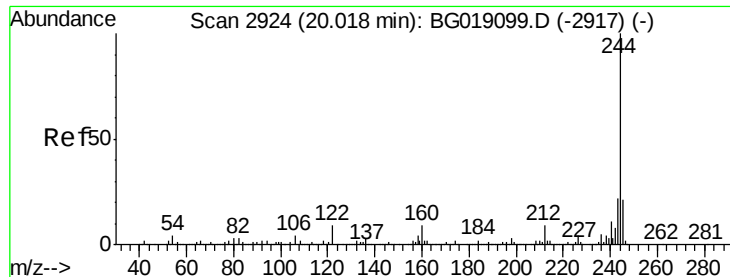
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG019115.D
Acq: 10 Oct 2015 13:39

Tgt Ion:240 Resp: 182987
Ion Ratio Lower Upper
240 100
120 8.0 5.8 8.6
236 25.0 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

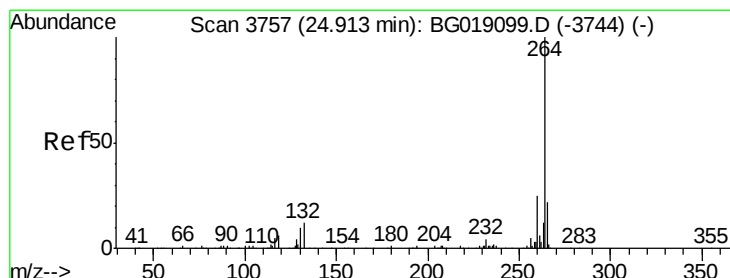
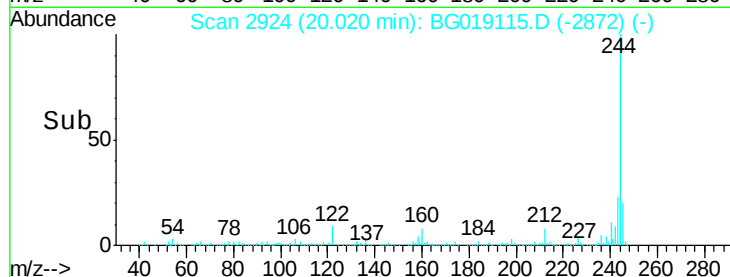
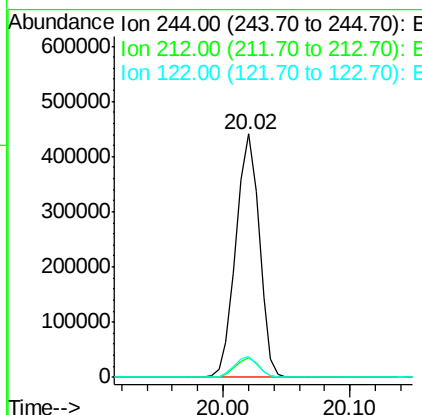
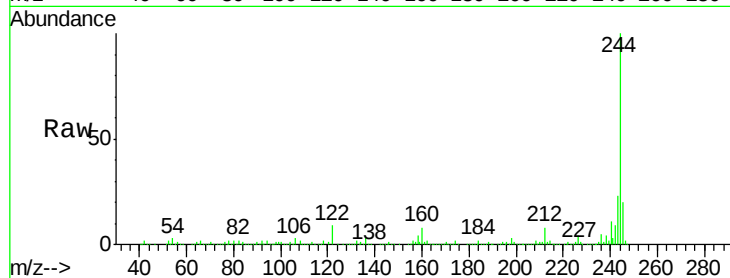




#78
 Terphenyl-d14
 Concen: 81.21 ng
 RT: 20.02 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG019115.D
 Acq: 10 Oct 2015 13:39

Instrument :
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 PB86035TB

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.8	10.2
122	8.7	7.4	11.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.90 min Scan# 3755
 Delta R.T. -0.00 min
 Lab File: BG019115.D
 Acq: 10 Oct 2015 13:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.1	30.1
265	21.1	17.2	25.8

