

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031583.D
 Acq On : 15 Dec 2017 7:07
 Operator : SJ/JU
 Sample : I6889-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 08:01:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

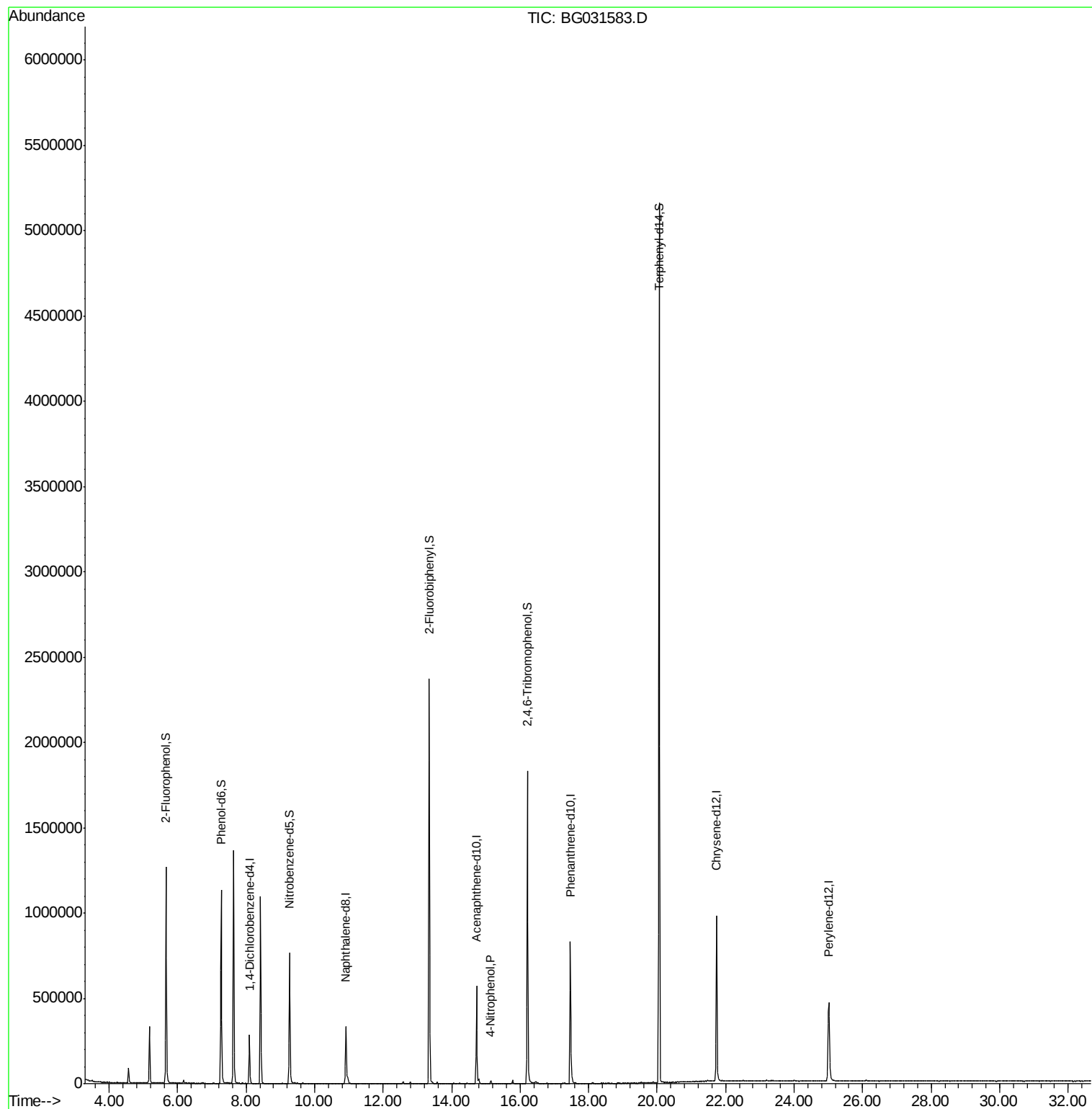
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	86692	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	355105	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	218915	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	573982	20.00	ng	0.00
75) Chrysene-d12	21.73	240	673269	20.00	ng	-0.01
86) Perylene-d12	25.01	264	569191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	621643	127.10	ng	0.00
7) Phenol-d6	7.27	99	722026	106.34	ng	0.00
23) Nitrobenzene-d5	9.27	82	513725	89.17	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	395649	154.27	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1381371	92.62	ng	0.00
78) Terphenyl-d14	20.06	244	2431065	82.15	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.15	139	4359	5.104	ng	Qvalue # 1

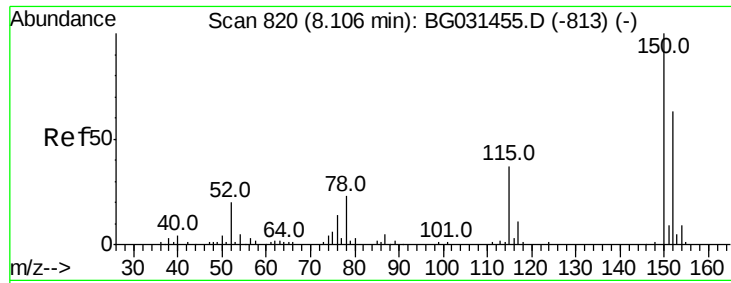
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
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Quant Time: Dec 15 08:01:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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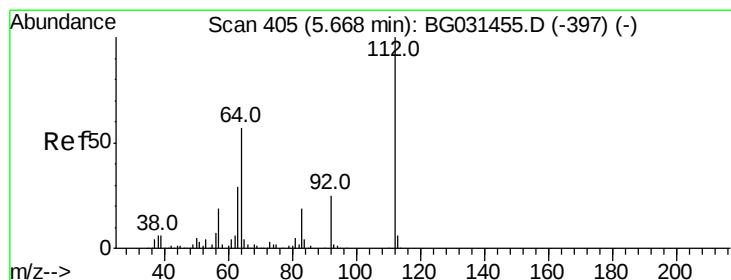
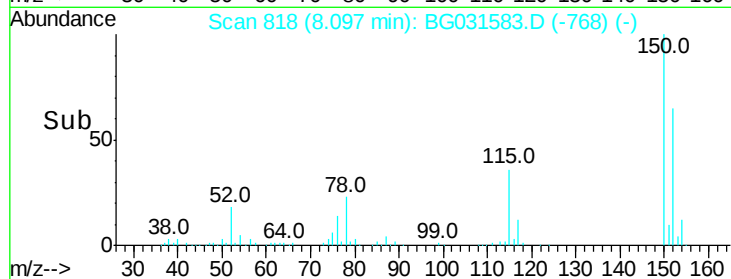
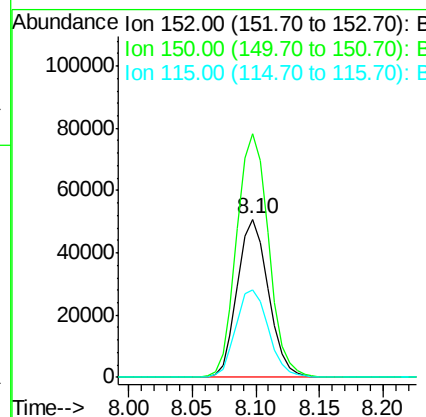
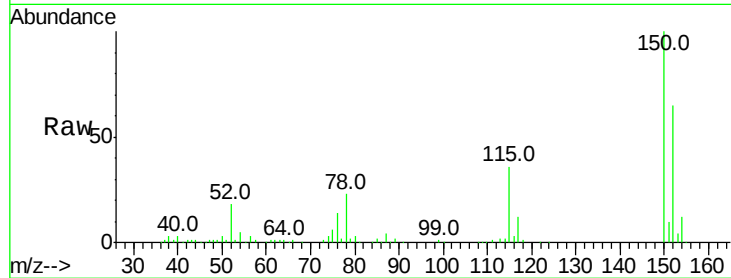




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031583.D
 Acq: 15 Dec 2017 7:07

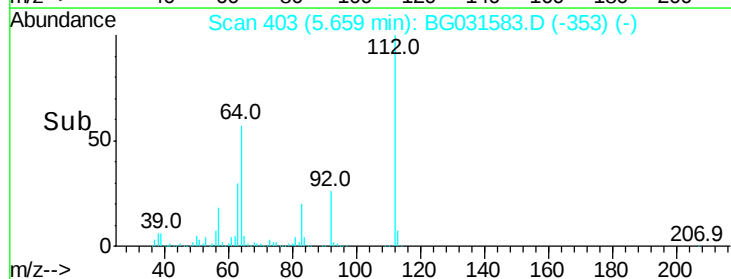
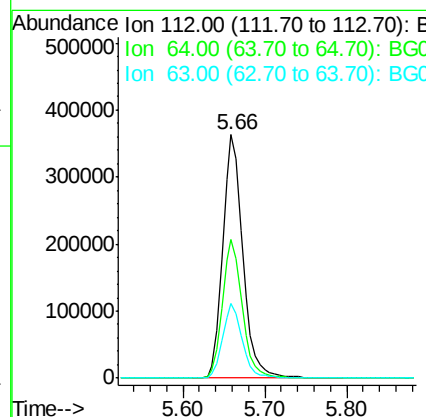
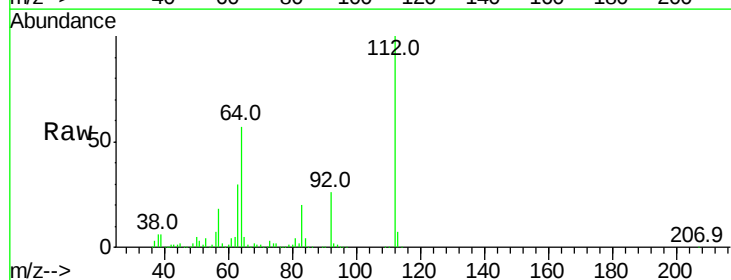
Instrument :
 BNA_G
 ClientSampleId :

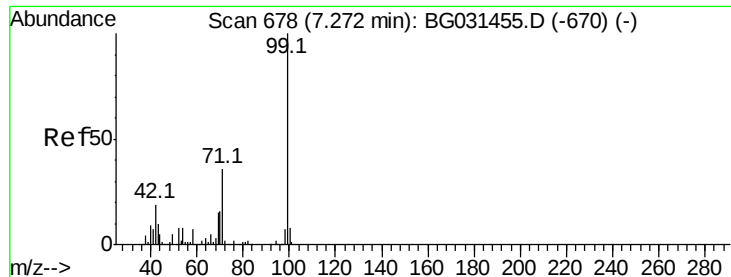
Tot Ion:152 Resp: 86692
 Ion Ratio Lower Upper
 152 100
 150 153.9 126.6 189.8
 115 55.1 53.0 79.4



#5
 2-Fluorophenol
 Concen: 127.102 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031583.D
 Acq: 15 Dec 2017 7:07

Tgt Ion:112 Resp: 621643
 Ion Ratio Lower Upper
 112 100
 64 57.0 56.3 84.5
 63 30.5 30.1 45.1





#7

Phenol-d6

Concen: 106.341 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031583.D

Acq: 15 Dec 2017 7:07

Instrument :

BNA_G

ClientSampleId :

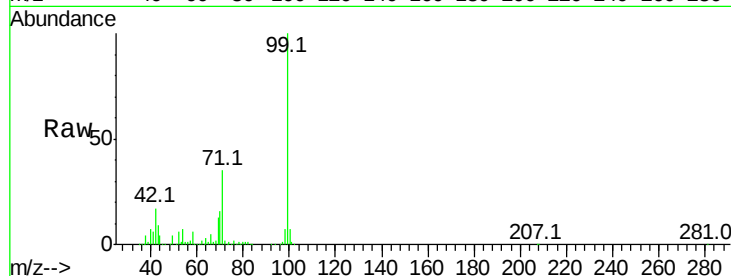
Tot Ion: 99 Resp: 722026

Ion Ratio Lower Upper

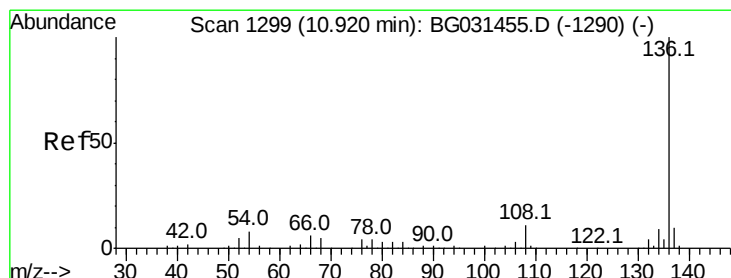
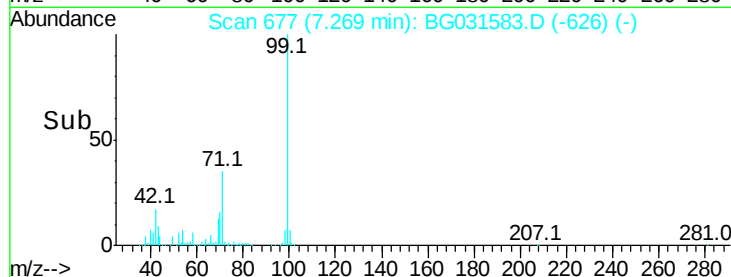
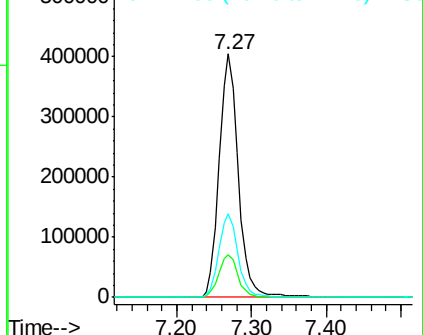
99 100

42 17.3 14.1 21.1

71 34.5 26.1 39.1



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: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG031583.D

Acq: 15 Dec 2017 7:07

Tgt Ion: 136 Resp: 355105

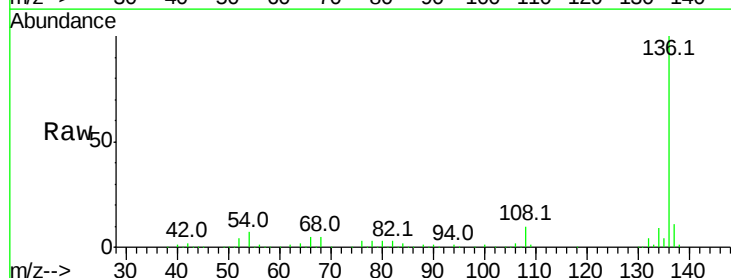
Ion Ratio Lower Upper

136 100

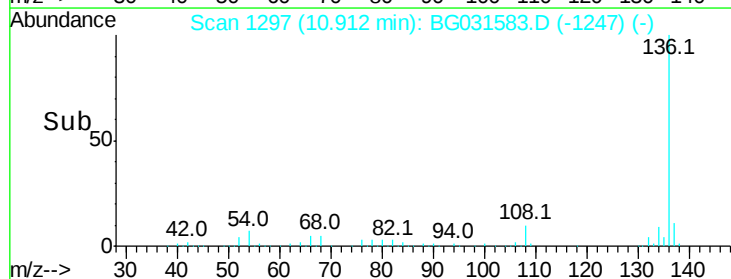
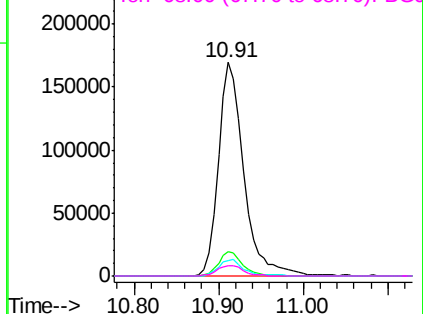
137 11.3 9.2 13.8

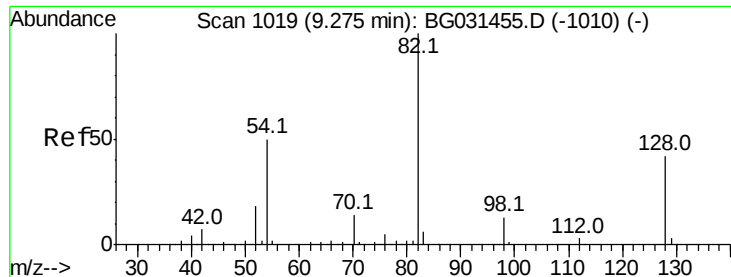
54 6.9 10.3 15.5#

68 4.7 4.5 6.7



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

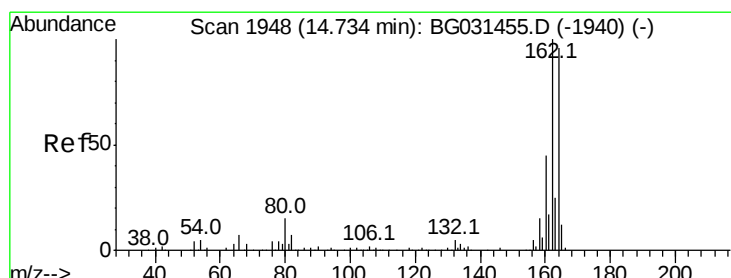
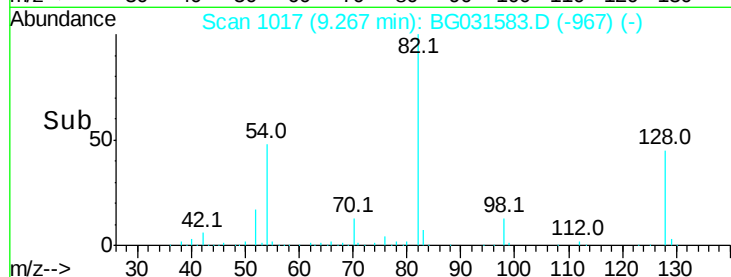
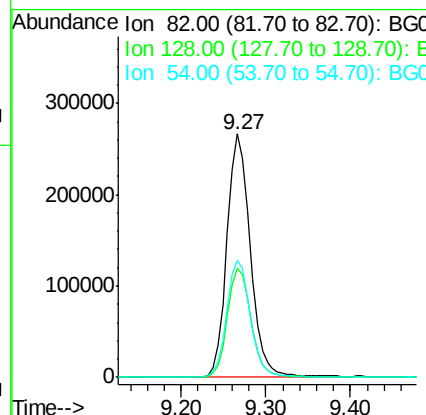
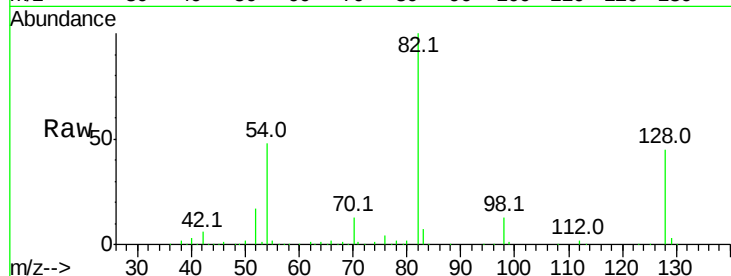




#23
Nitrobenzene-d5
Concen: 89.169 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031583.D
Acq: 15 Dec 2017 7:07

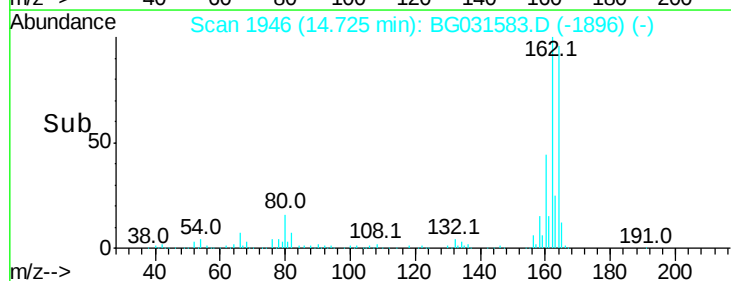
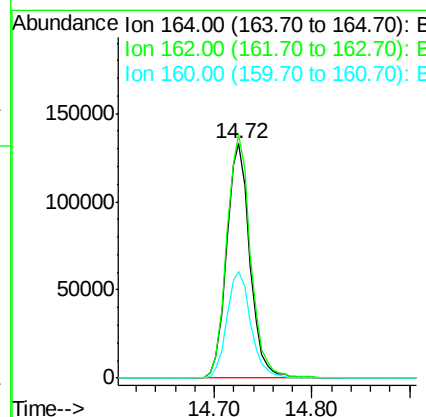
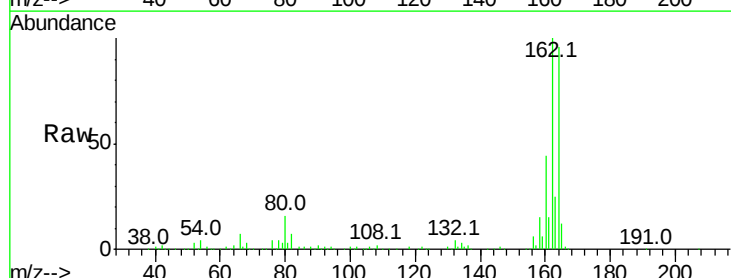
Instrument :
BNA_G
ClientSampleId :

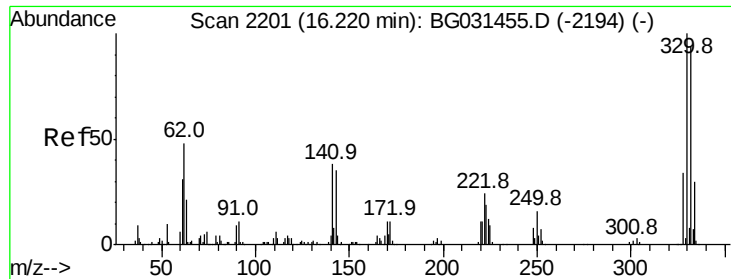
Tot Ion: 82 Resp: 513725
Ion Ratio Lower Upper
82 100
128 44.7 29.7 44.5#
54 48.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031583.D
Acq: 15 Dec 2017 7:07

Tgt Ion:164 Resp: 218915
Ion Ratio Lower Upper
164 100
162 103.8 78.8 118.2
160 45.3 35.4 53.0

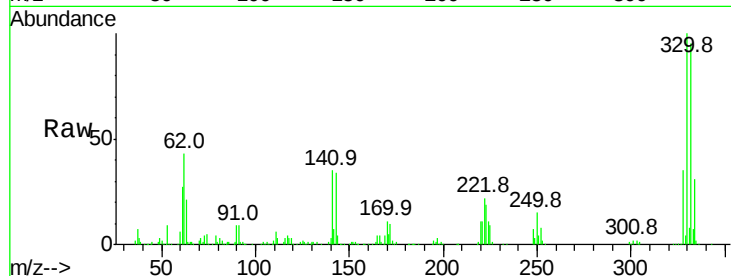




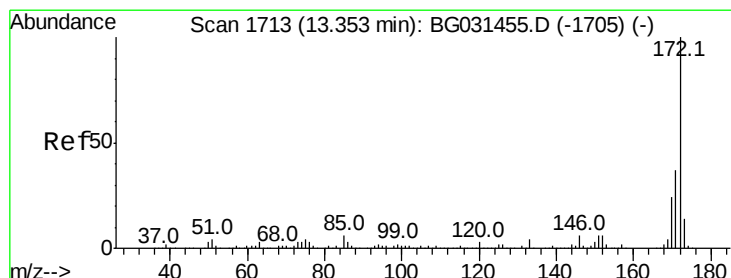
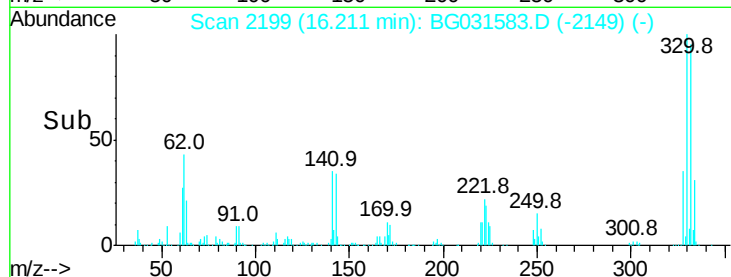
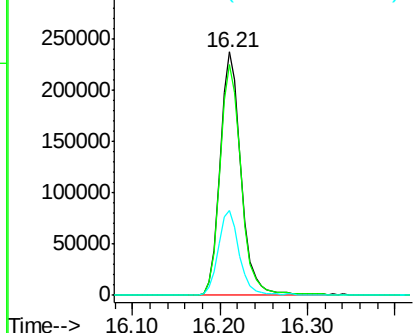
#41
 2,4,6-Tribromophenol
 Concen: 154.268 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031583.D
 Acq: 15 Dec 2017 7:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 395649
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 35.0 25.2 37.8

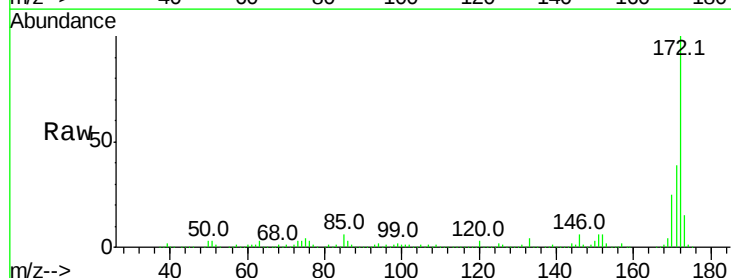


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

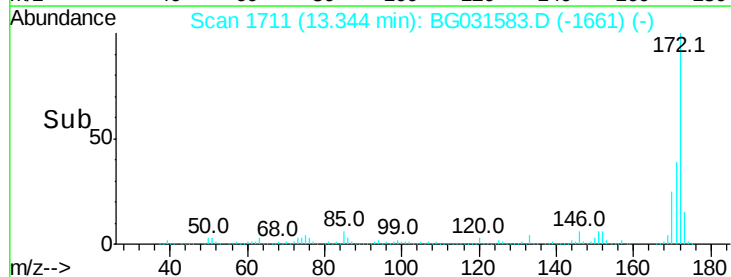
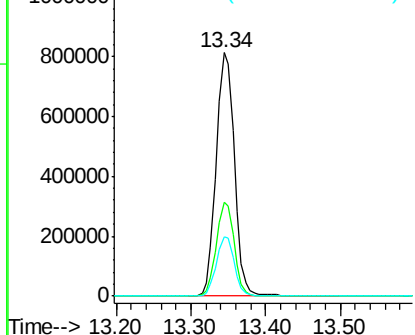


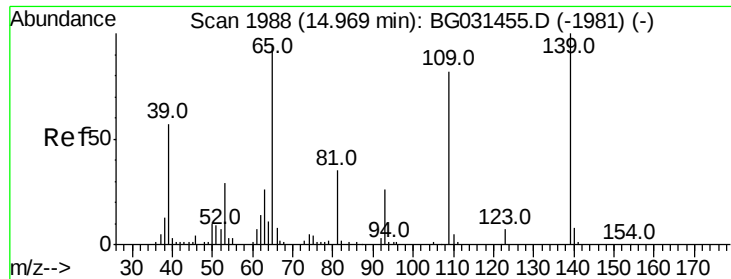
#44
 2-Fluorobiphenyl
 Concen: 92.624 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031583.D
 Acq: 15 Dec 2017 7:07

Tgt Ion:172 Resp: 1381371
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 24.5 19.5 29.3



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

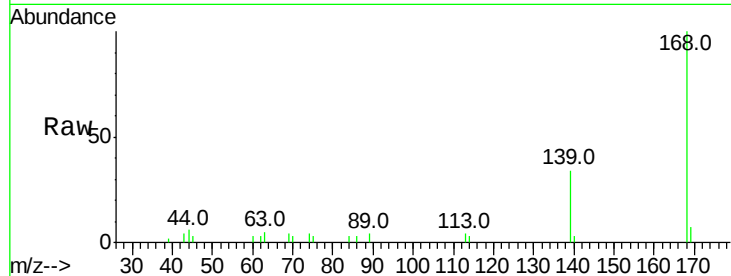




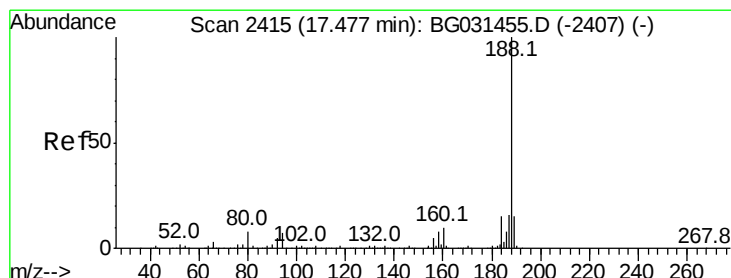
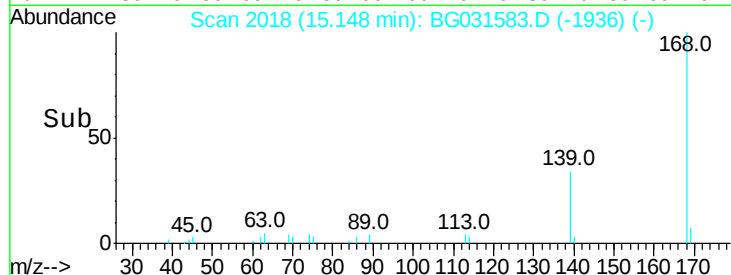
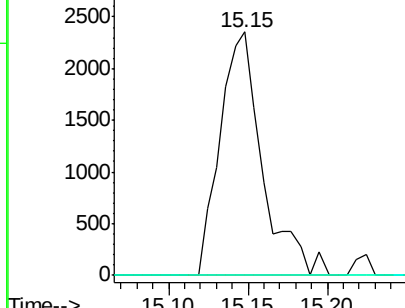
#55
4-Nitrophenol
Concen: 5.104 ng
RT: 15.15 min Scan# 2018
Delta R.T. 0.18 min
Lab File: BG031583.D
Acq: 15 Dec 2017 7:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 4359
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

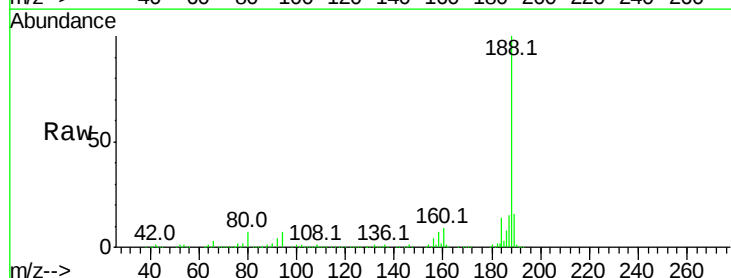


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

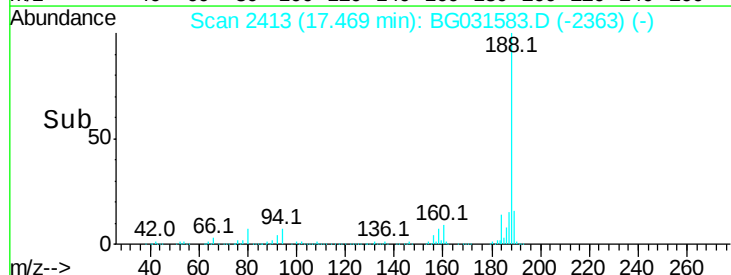
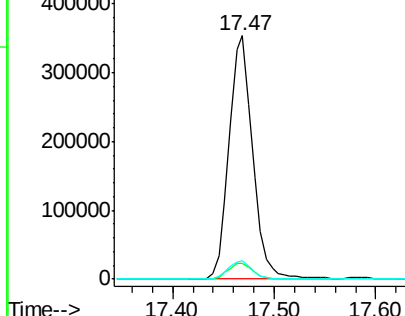


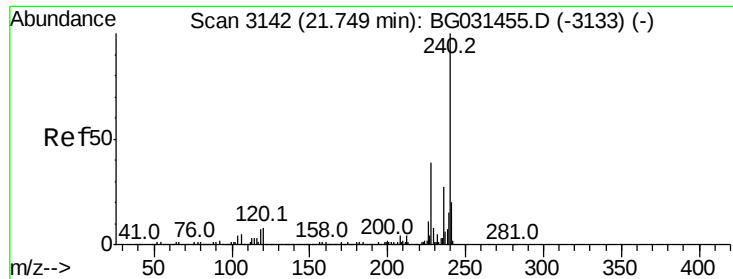
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031583.D
Acq: 15 Dec 2017 7:07

Tgt Ion:188 Resp: 573982
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.4 7.7 11.5#



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: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG031583.D

Acq: 15 Dec 2017 7:07

Instrument :

BNA_G

ClientSampleId :

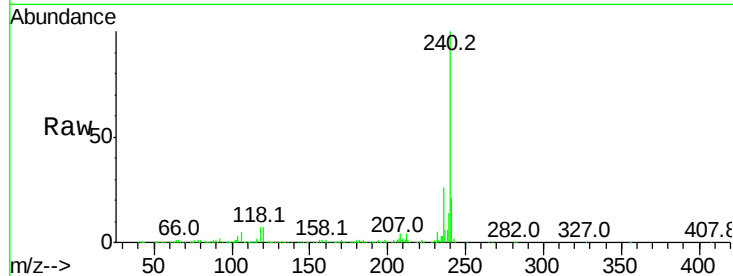
Tot Ion:240 Resp: 673269

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

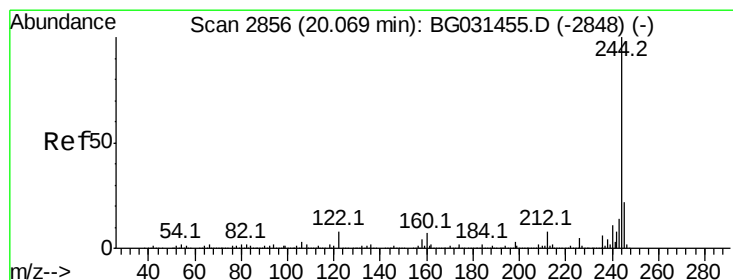
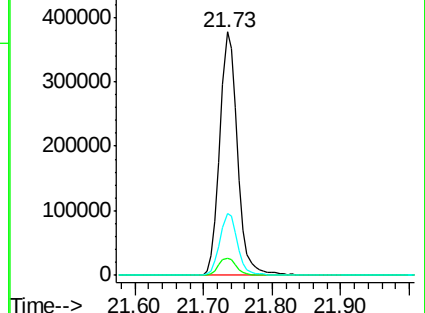
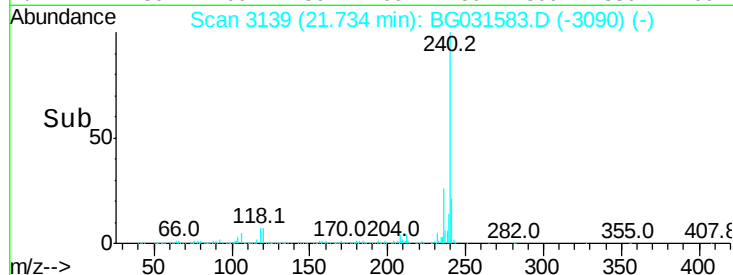
236 25.6 20.9 31.3



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: 82.152 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031583.D

Acq: 15 Dec 2017 7:07

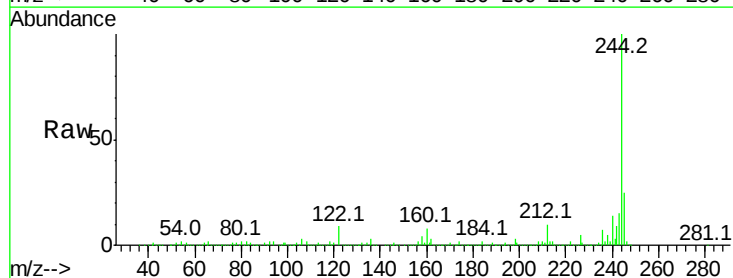
Tgt Ion:244 Resp: 2431065

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

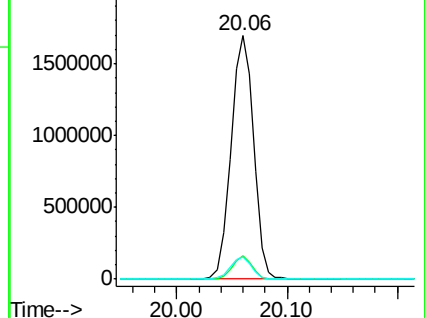
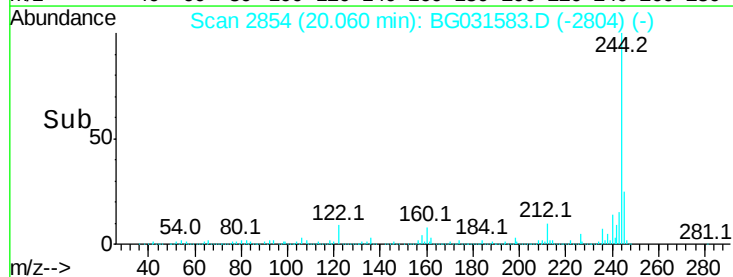
122 9.2 7.0 10.4

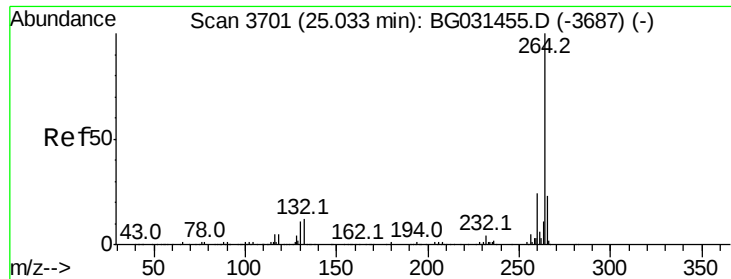


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

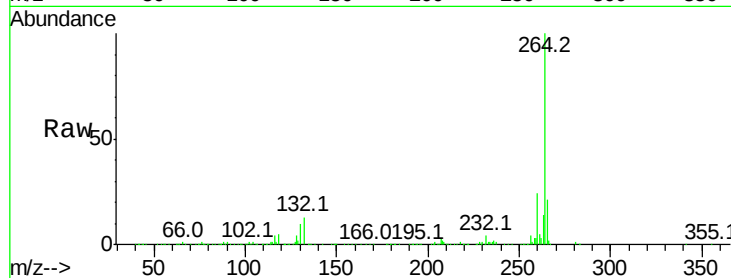




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BG031583.D
Acq: 15 Dec 2017 7:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.0	17.7	26.5



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

