

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121317\
 Data File : BG031557.D
 Acq On : 14 Dec 2017 9:30
 Operator : SJ/JU
 Sample : I6817-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 10:07:50 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

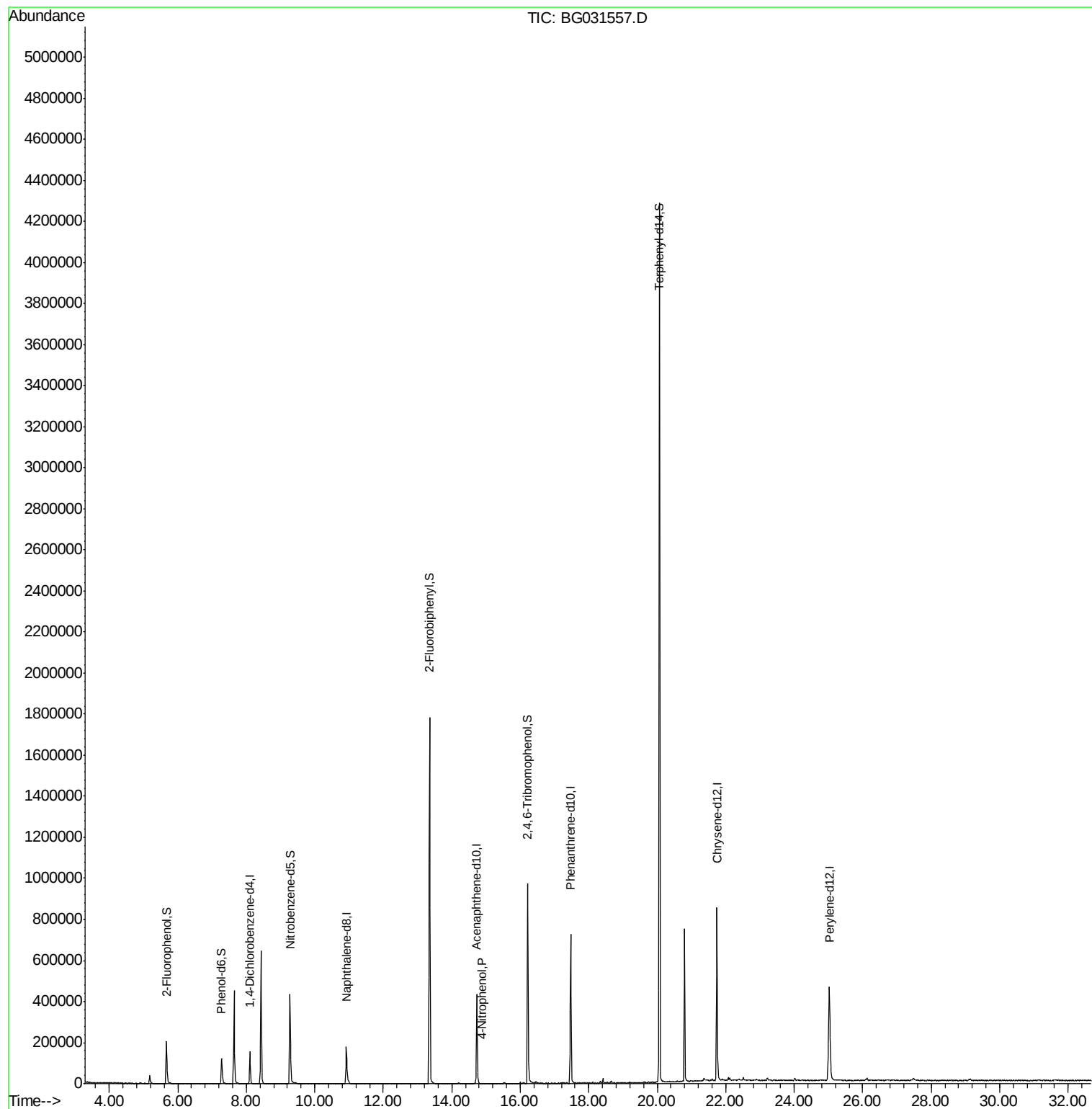
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49994	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	218698	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	171427	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	501280	20.00	ng	0.00
75) Chrysene-d12	21.74	240	576163	20.00	ng	0.00
86) Perylene-d12	25.02	264	562427	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	117712	41.73	ng	0.00
7) Phenol-d6	7.28	99	96276	24.59	ng	0.01
23) Nitrobenzene-d5	9.28	82	318277	89.70	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	215169	107.14	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1048722	89.80	ng	0.00
78) Terphenyl-d14	20.06	244	1986391	78.44	ng	0.00
Target Compounds						
55) 4-Nitrophenol	14.87	139	58	3.569	ng	Qvalue # 1

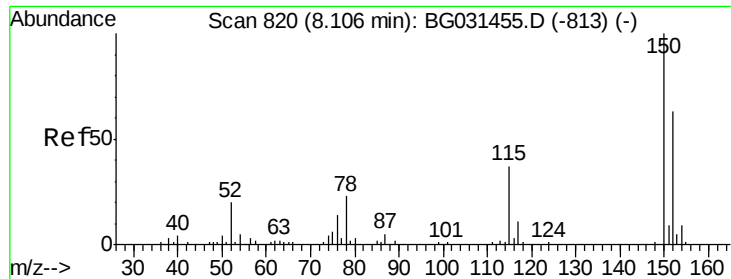
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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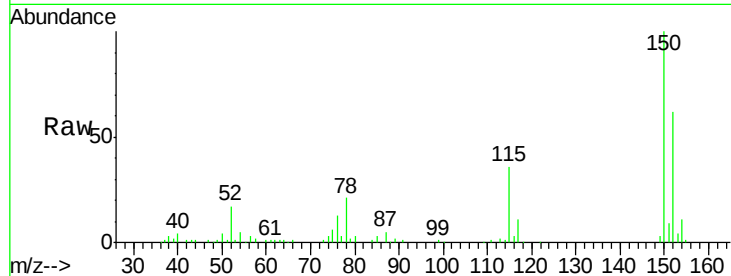




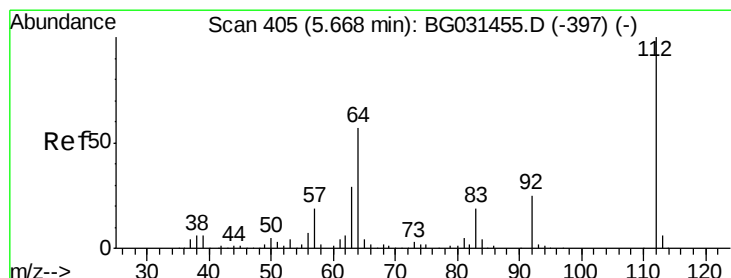
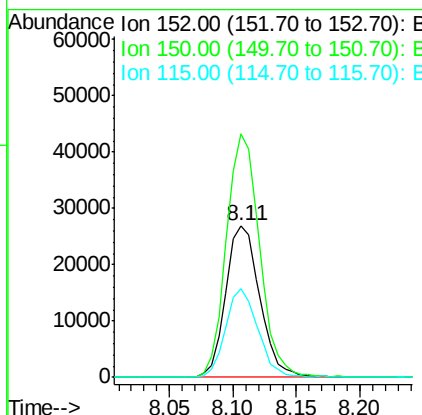
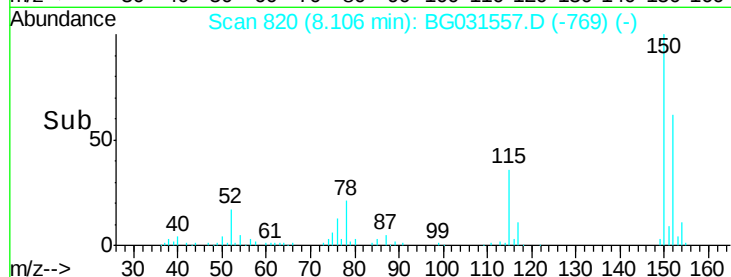
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG031557.D
 Acq: 14 Dec 2017 9:30

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:152 Resp: 49994
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.6 189.8
 115 58.3 53.0 79.4

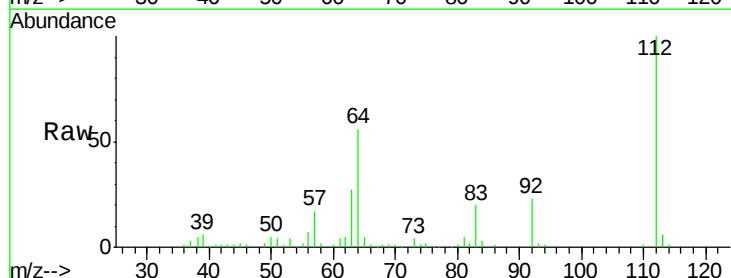


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

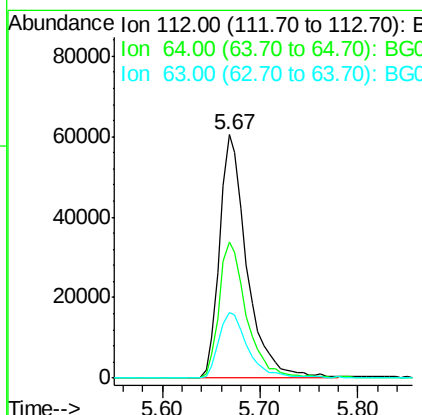
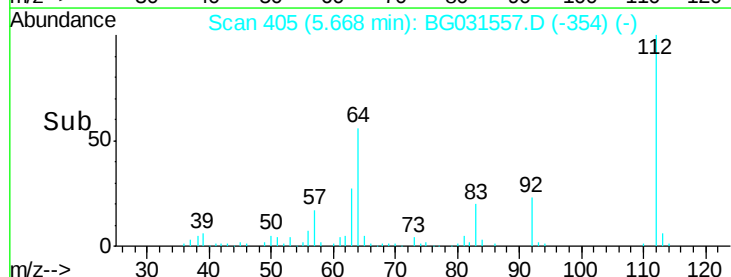


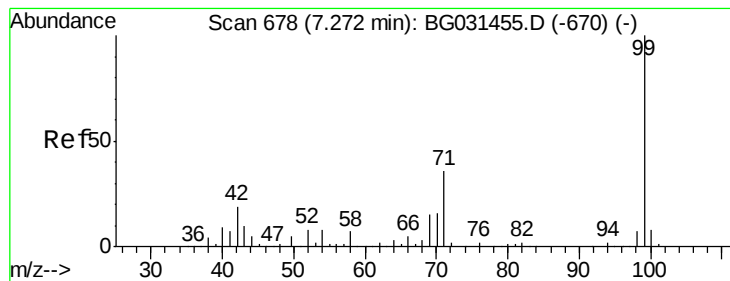
#5
 2-Fluorophenol
 Concen: 41.734 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031557.D
 Acq: 14 Dec 2017 9:30

Tgt Ion:112 Resp: 117712
 Ion Ratio Lower Upper
 112 100
 64 56.0 56.3 84.5#
 63 27.2 30.1 45.1#



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





#7

Phenol-d6

Concen: 24.588 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031557.D

Acq: 14 Dec 2017 9:30

Instrument :

BNA_G

ClientSampleId :

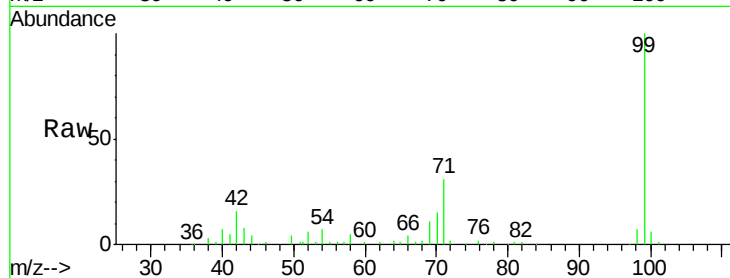
Tgt Ion: 99 Resp: 96276

Ion Ratio Lower Upper

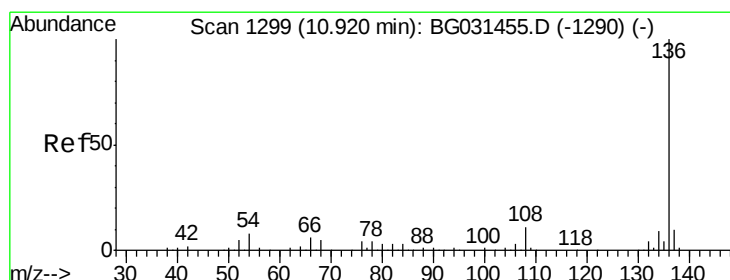
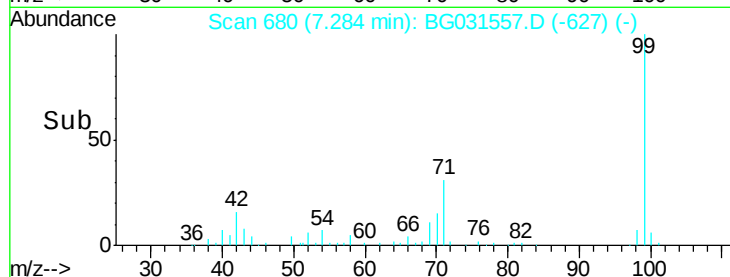
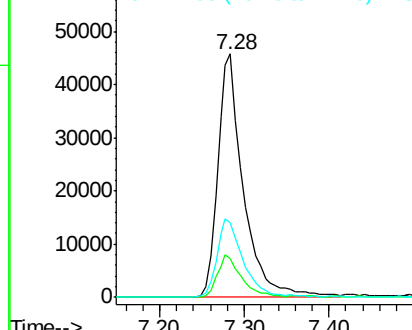
99 100

42 16.0 14.1 21.1

71 30.6 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: 10.92 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG031557.D

Acq: 14 Dec 2017 9:30

Tgt Ion: 136 Resp: 218698

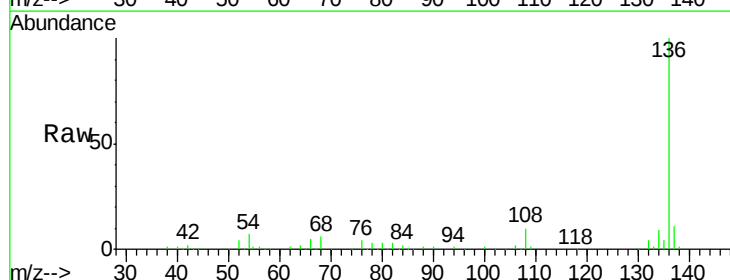
Ion Ratio Lower Upper

136 100

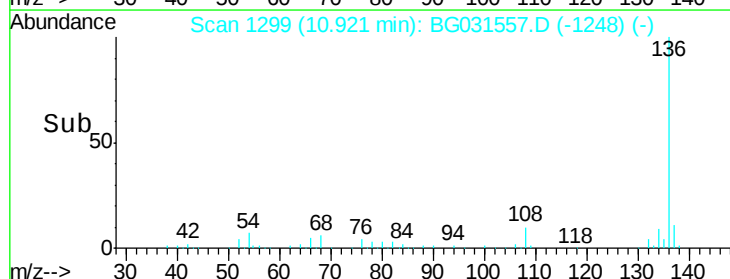
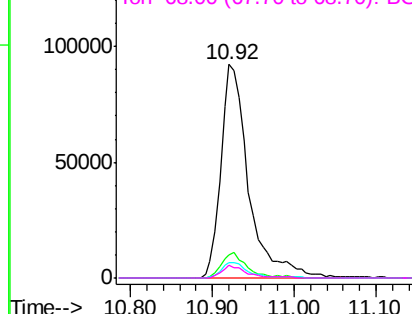
137 10.6 9.2 13.8

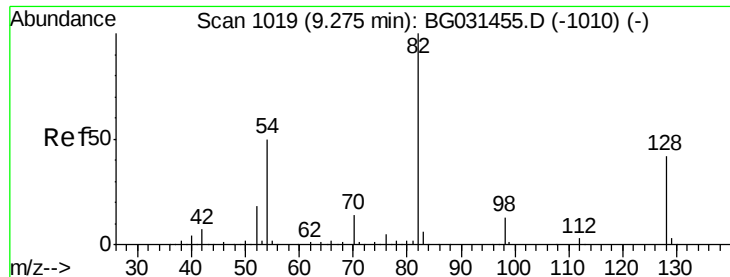
54 7.6 10.3 15.5#

68 5.8 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

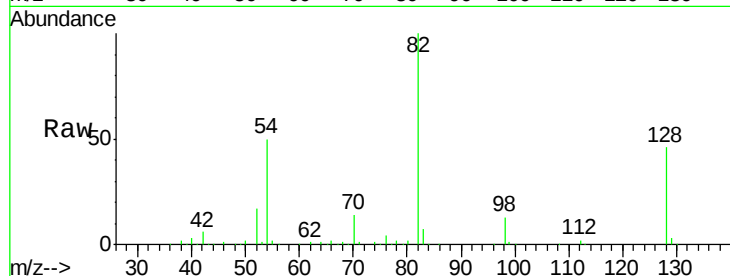




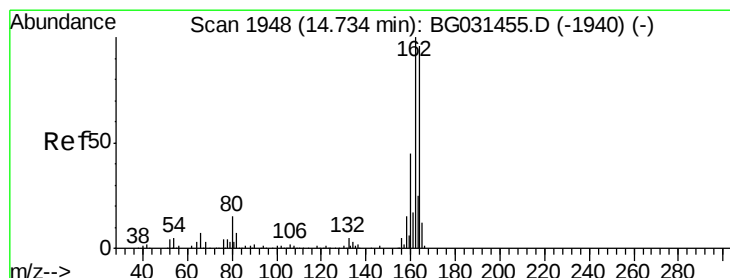
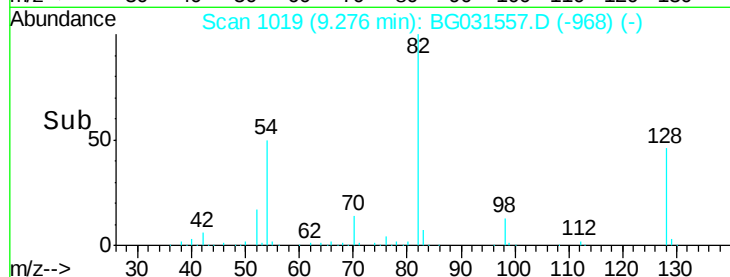
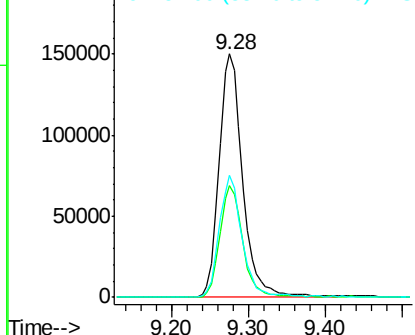
#23
Nitrobenzene-d5
Concen: 89.701 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031557.D
Acq: 14 Dec 2017 9:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 318277
Ion Ratio Lower Upper
82 100
128 45.9 29.7 44.5#
54 50.1 43.1 64.7

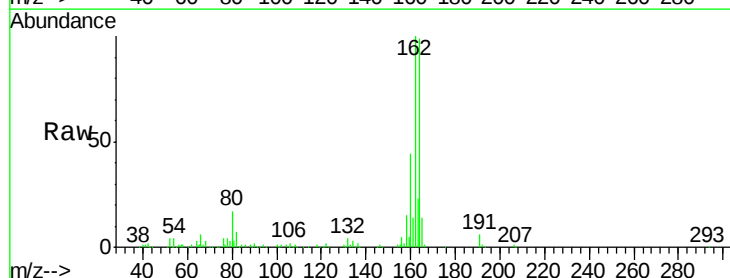


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

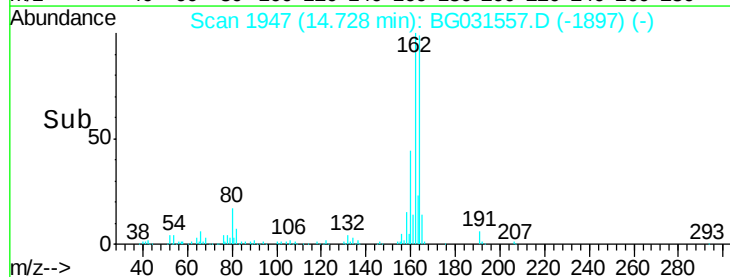
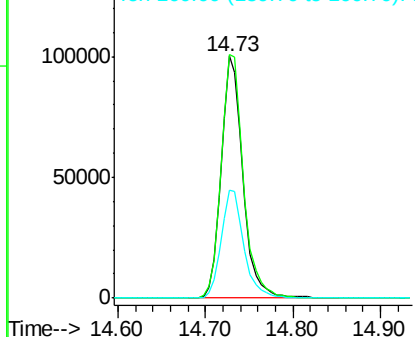


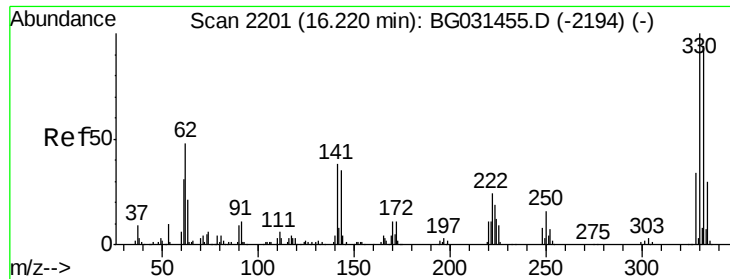
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031557.D
Acq: 14 Dec 2017 9:30

Tgt Ion: 164 Resp: 171427
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 44.4 35.4 53.0



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

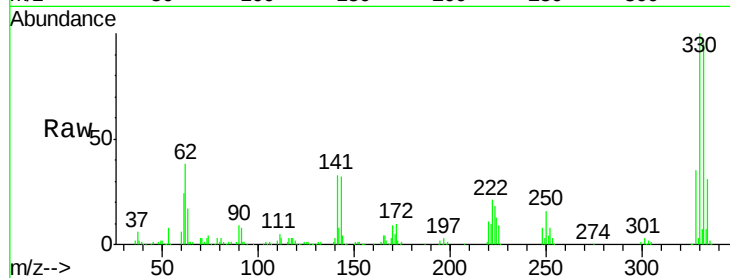




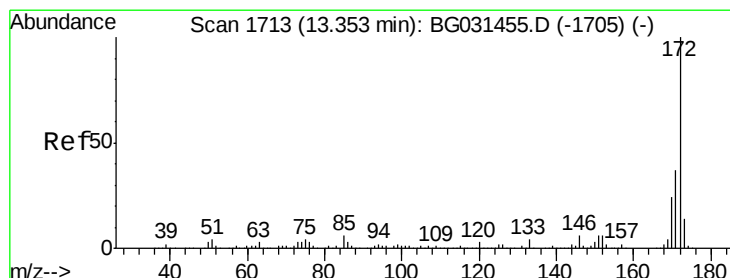
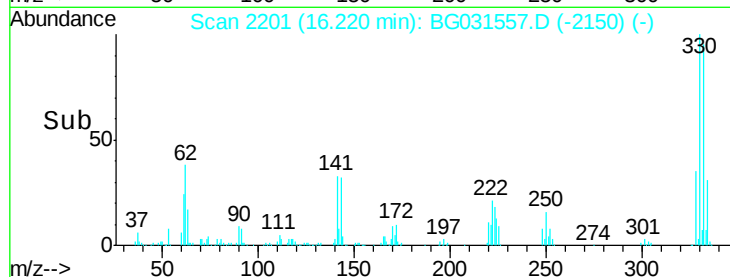
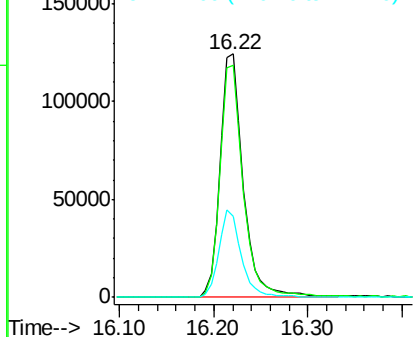
#41
 2,4,6-Tribromophenol
 Concen: 107.138 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031557.D
 Acq: 14 Dec 2017 9:30

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:330 Resp: 215169
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 34.7 25.2 37.8

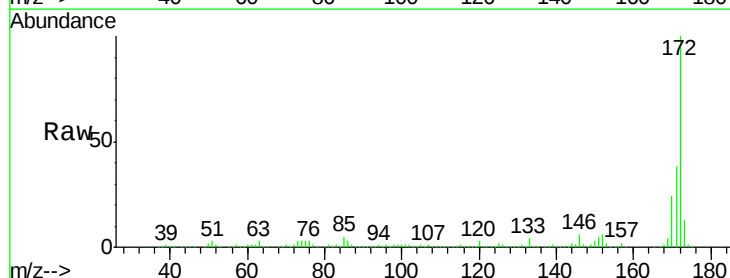


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

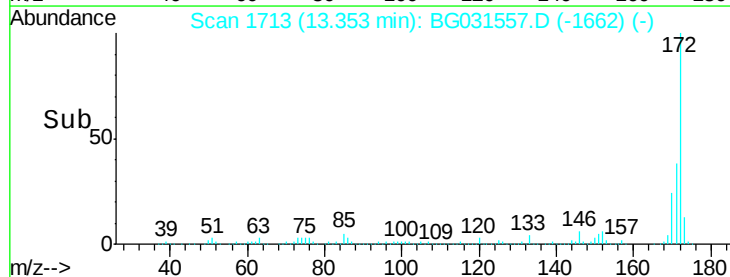
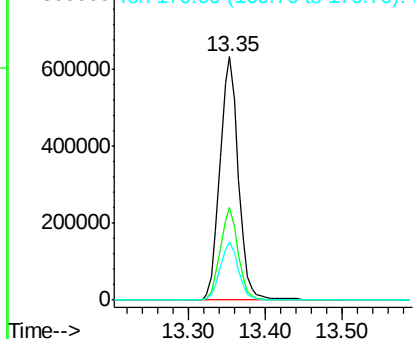


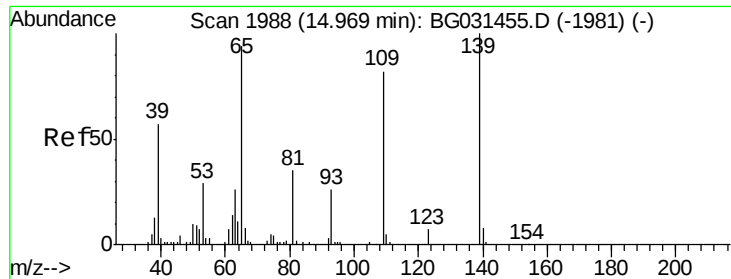
#44
 2-Fluorobiphenyl
 Concen: 89.798 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031557.D
 Acq: 14 Dec 2017 9:30

Tgt Ion:172 Resp: 1048722
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 23.9 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

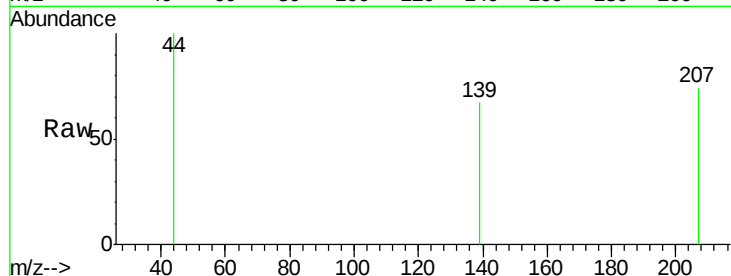




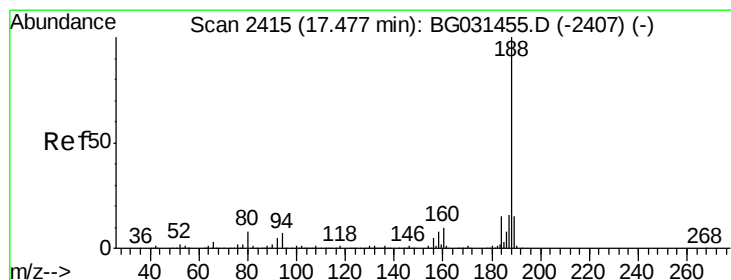
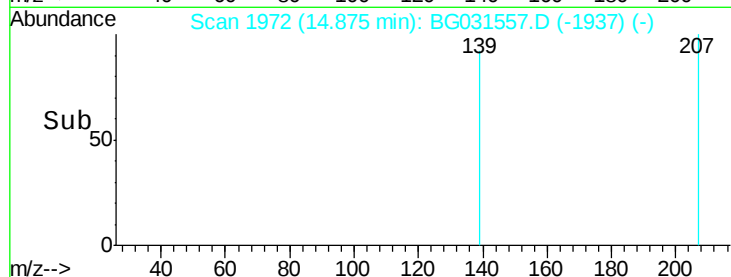
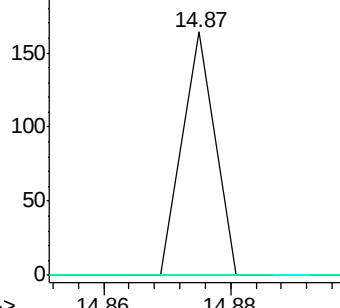
#55
4-Nitrophenol
Concen: 3.569 ng
RT: 14.87 min Scan# 1972
Delta R.T. -0.09 min
Lab File: BG031557.D
Acq: 14 Dec 2017 9:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

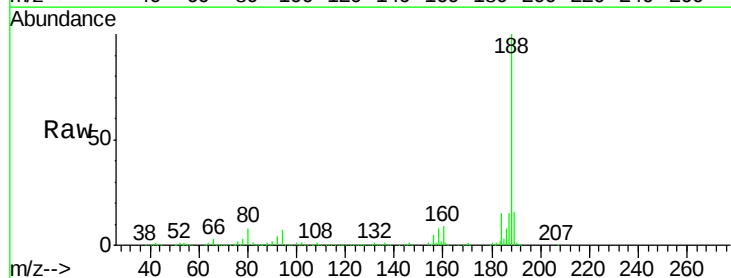


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

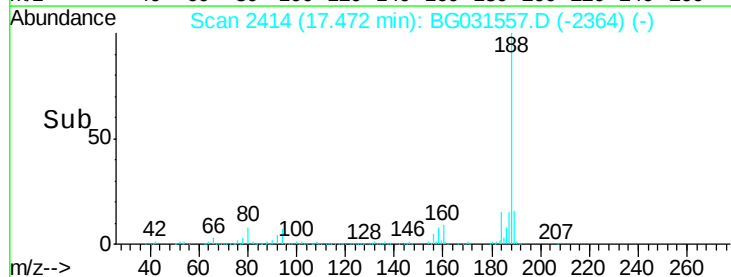
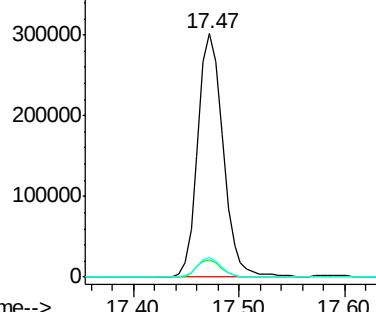


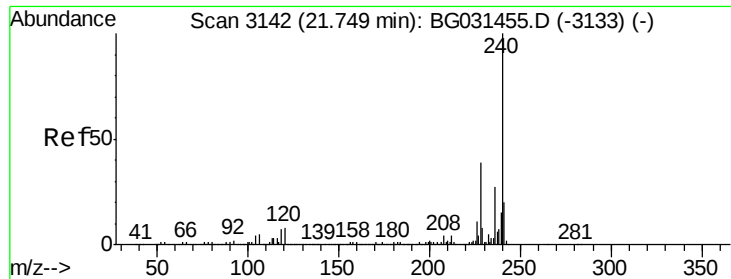
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031557.D
Acq: 14 Dec 2017 9:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.9	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

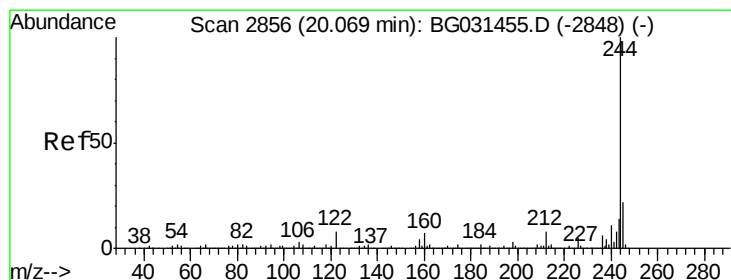
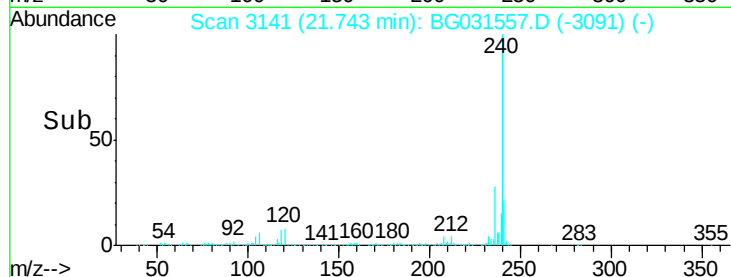
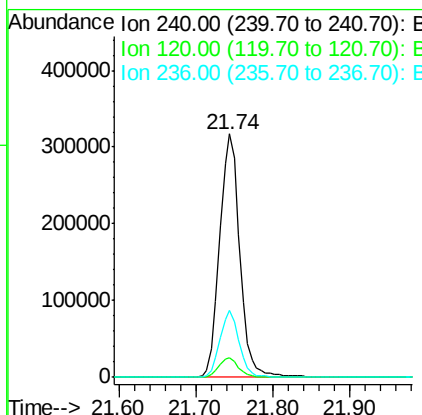
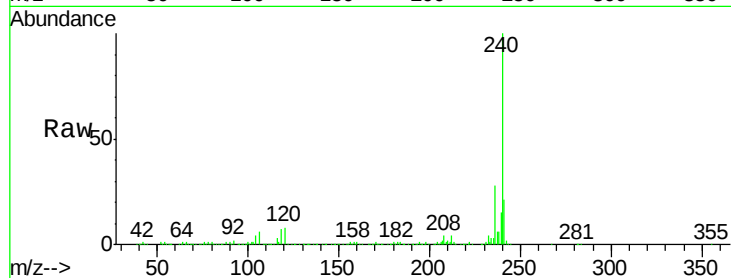




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031557.D
Acq: 14 Dec 2017 9:30

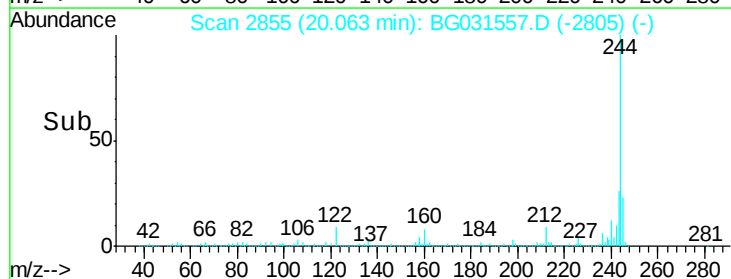
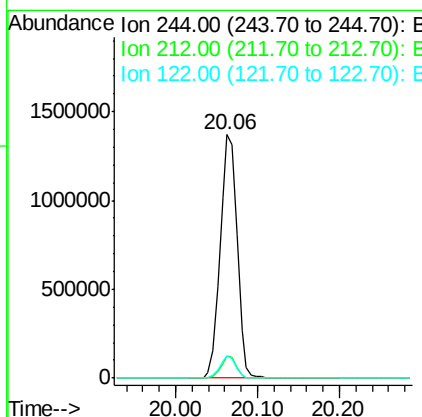
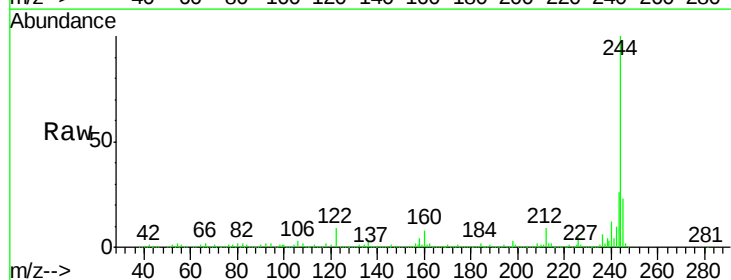
Instrument :
BNA_G
ClientSampleId :

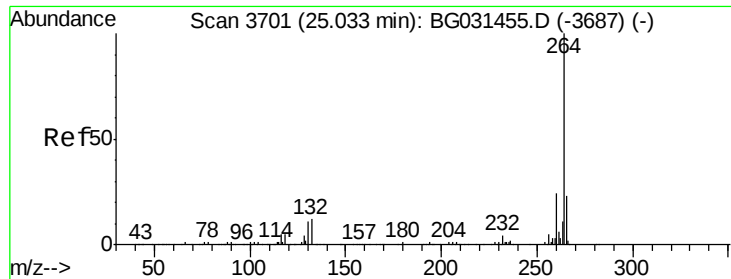
Tgt Ion:240 Resp: 576163
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 27.6 20.9 31.3



#78
Terphenyl-d14
Concen: 78.439 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG031557.D
Acq: 14 Dec 2017 9:30

Tgt Ion:244 Resp: 1986391
Ion Ratio Lower Upper
244 100
212 9.0 5.8 8.8#
122 9.1 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031557.D
Acq: 14 Dec 2017 9:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.4	17.7	26.5

