

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031500.D
 Acq On : 12 Dec 2017 20:10
 Operator : SJ/JU
 Sample : I6824-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Dec 13 07:15:32 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	60094	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	258481	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	167655	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	425524	20.00	ng	0.00
75) Chrysene-d12	21.74	240	506107	20.00	ng	0.00
86) Perylene-d12	25.03	264	490372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	264951	78.15	ng	0.00
7) Phenol-d6	7.28	99	215328	45.75	ng	0.00
23) Nitrobenzene-d5	9.28	82	434228	103.54	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	337616	171.89	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1233034	107.96	ng	0.00
78) Terphenyl-d14	20.07	244	2179916	98.00	ng	0.00

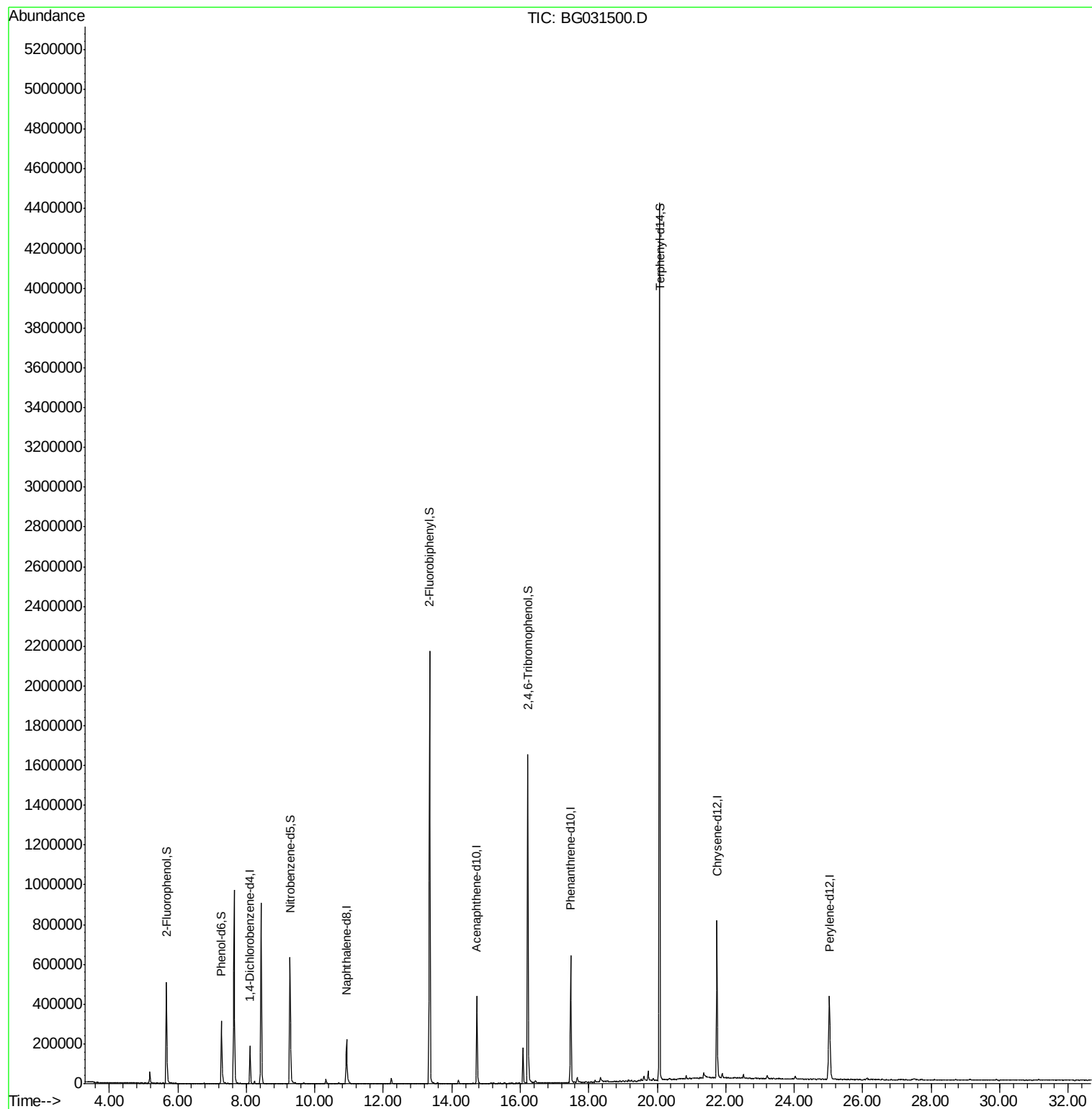
Target Compounds Qvalue

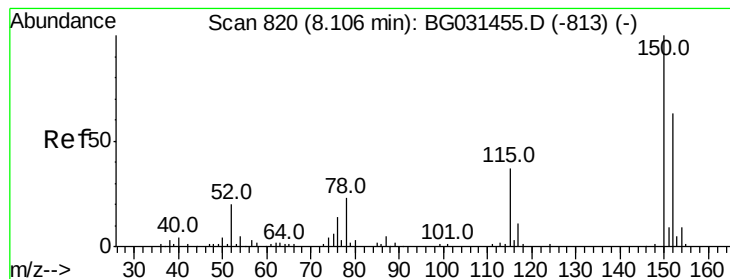
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
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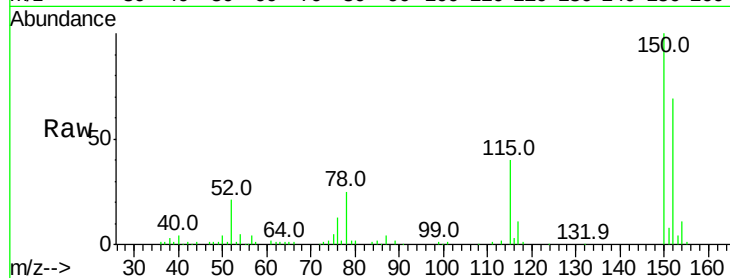


#1

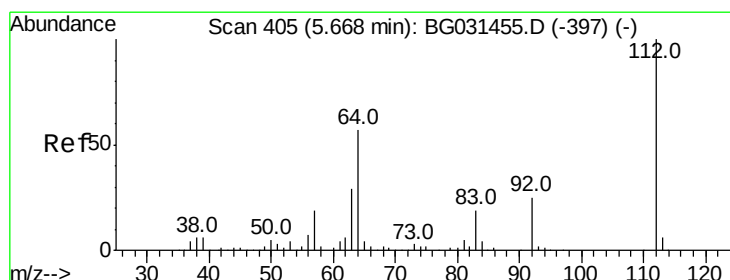
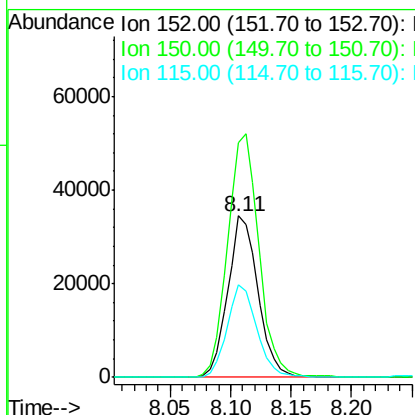
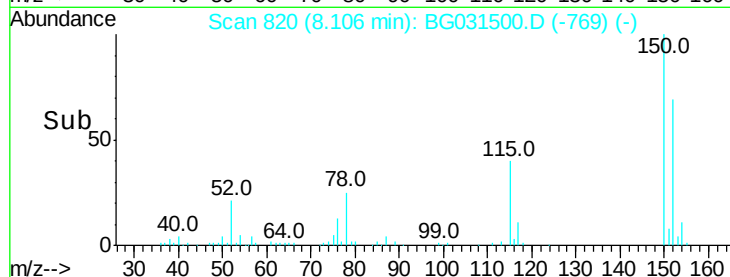
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031500.D
Acq: 12 Dec 2017 20:10

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion:152 Resp: 60094
Ion Ratio Lower Upper
152 100
150 145.4 126.6 189.8
115 57.7 53.0 79.4



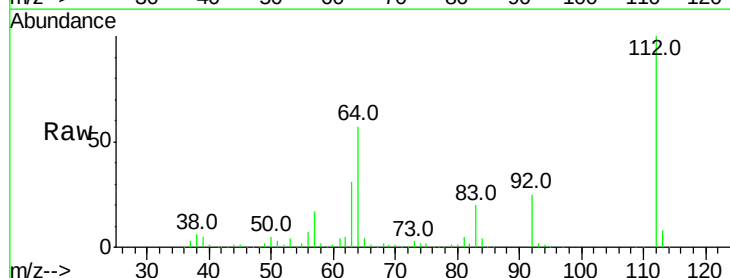
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



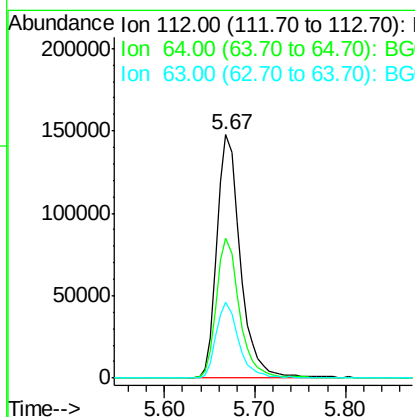
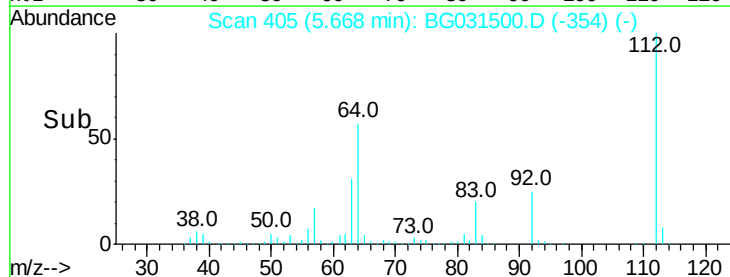
#5

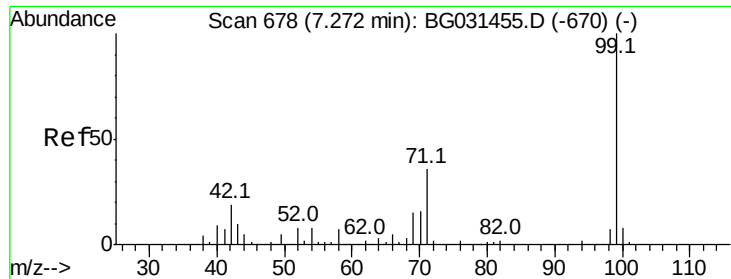
2-Fluorophenol
Concen: 78.149 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031500.D
Acq: 12 Dec 2017 20:10

Tgt Ion:112 Resp: 264951
Ion Ratio Lower Upper
112 100
64 57.3 56.3 84.5
63 31.3 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: 45.751 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031500.D

Acq: 12 Dec 2017 20:10

Instrument :

BNA_G

ClientSampled :

TW-1

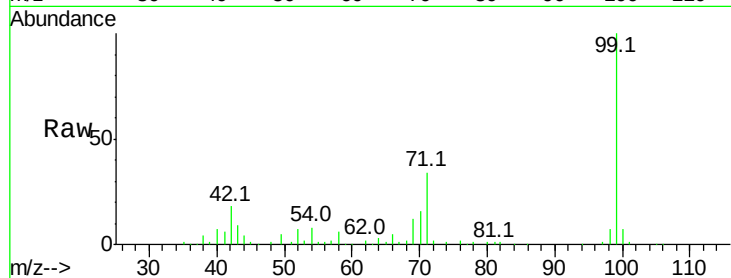
Tot Ion: 99 Resp: 215328

Ion Ratio Lower Upper

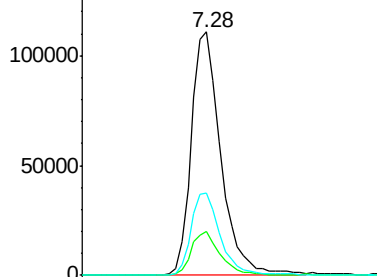
99 100

42 17.9 14.1 21.1

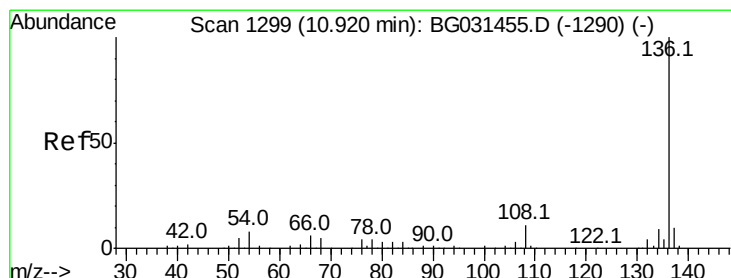
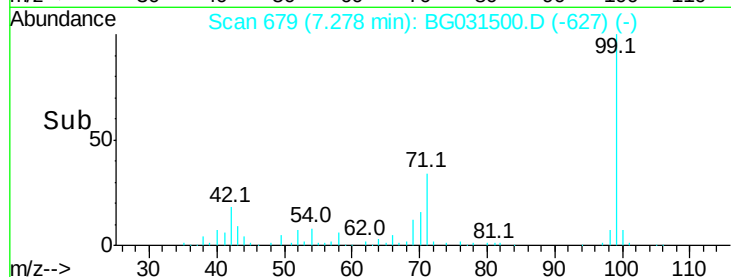
71 34.1 26.1 39.1



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031500.D

Acq: 12 Dec 2017 20:10

Tgt Ion: 136 Resp: 258481

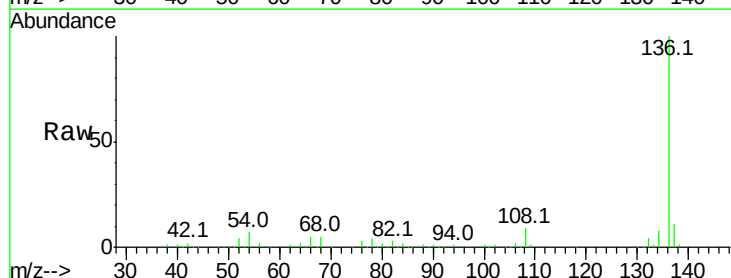
Ion Ratio Lower Upper

136 100

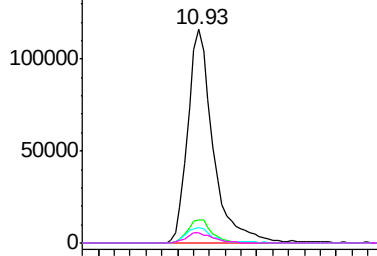
137 11.0 9.2 13.8

54 7.4 10.3 15.5#

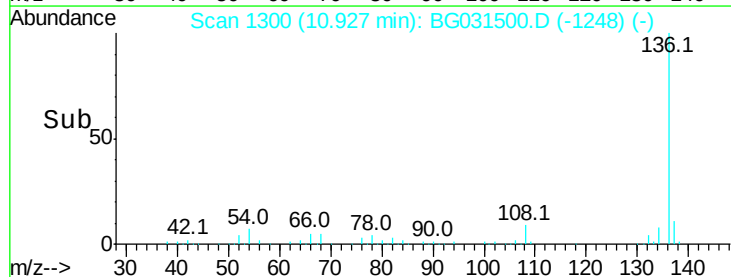
68 4.8 4.5 6.7

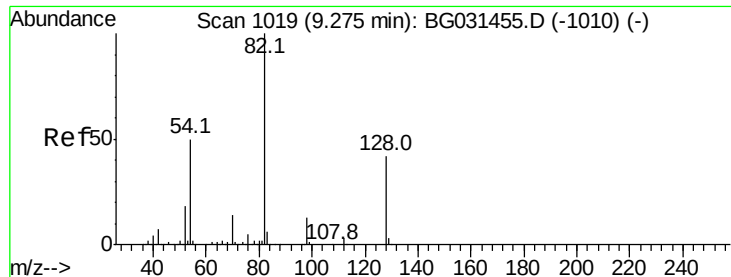


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

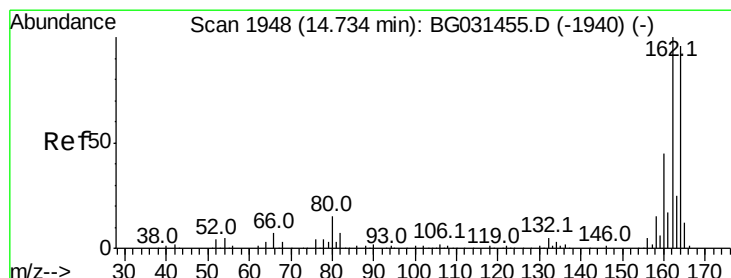
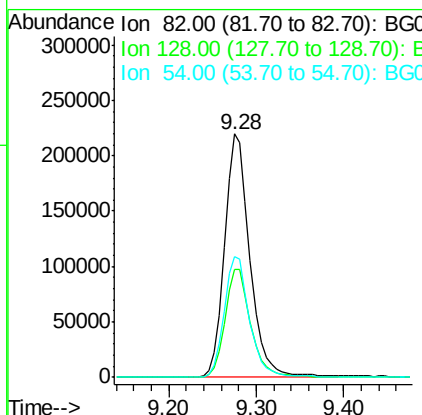
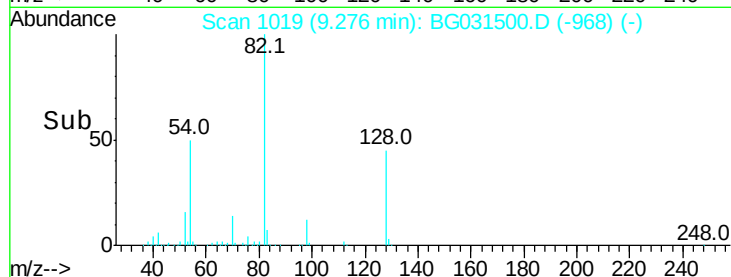
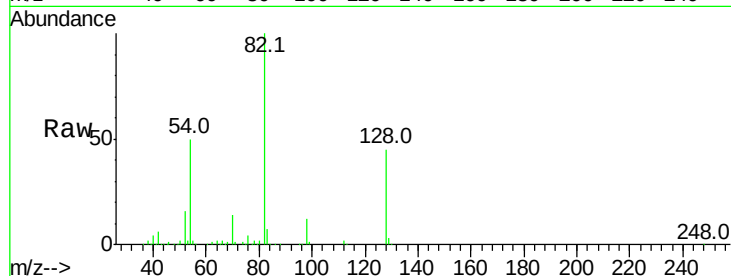




#23
Nitrobenzene-d5
Concen: 103.545 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031500.D
Acq: 12 Dec 2017 20:10

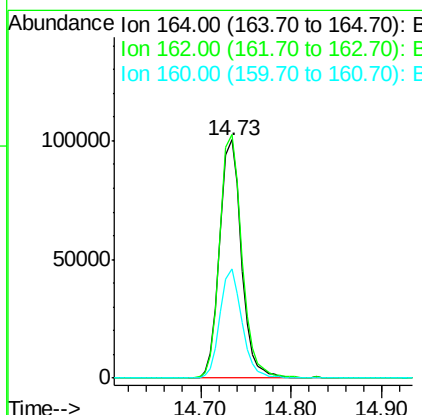
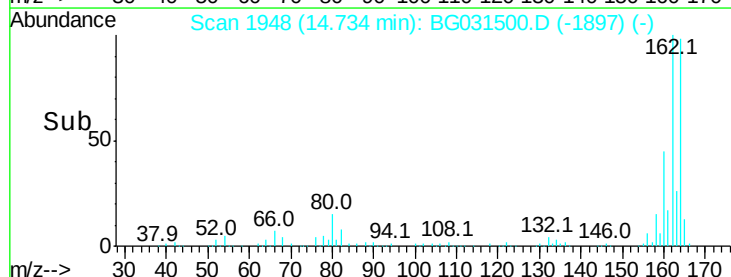
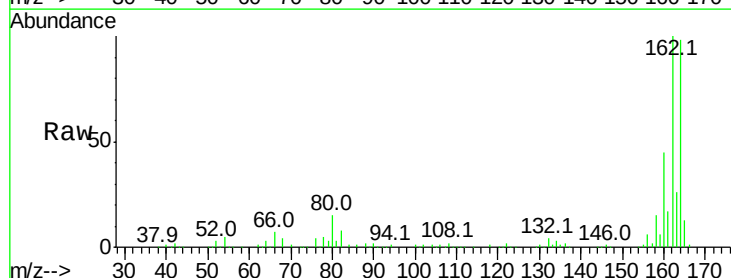
Instrument :
BNA_G
ClientSampled :
TW-1

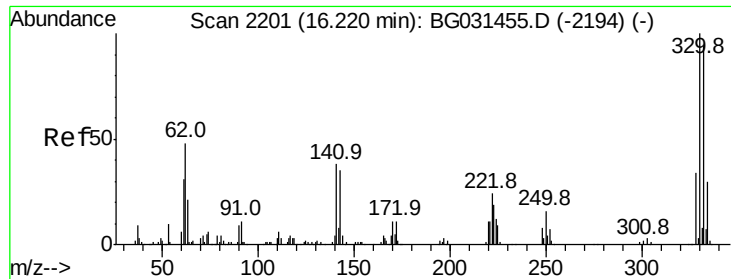
Tot Ion: 82 Resp: 434228
Ion Ratio Lower Upper
82 100
128 44.5 29.7 44.5
54 49.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG031500.D
Acq: 12 Dec 2017 20:10

Tgt Ion: 164 Resp: 167655
Ion Ratio Lower Upper
164 100
162 102.3 78.8 118.2
160 46.0 35.4 53.0

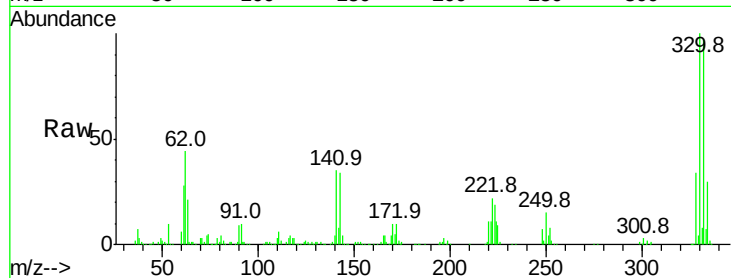




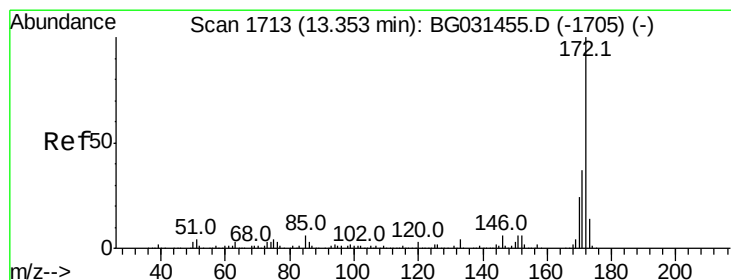
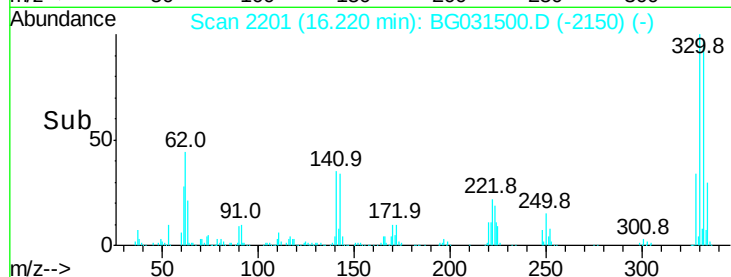
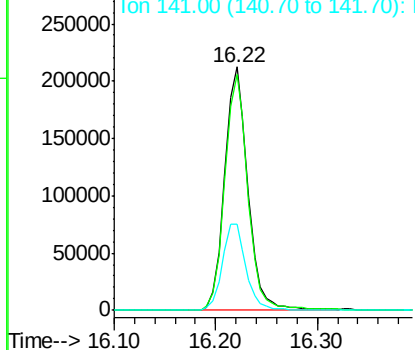
#41
 2,4,6-Tribromophenol
 Concen: 171.889 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031500.D
 Acq: 12 Dec 2017 20:10

Instrument :
 BNA_G
 ClientSampled :
 TW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.5	25.2	37.8

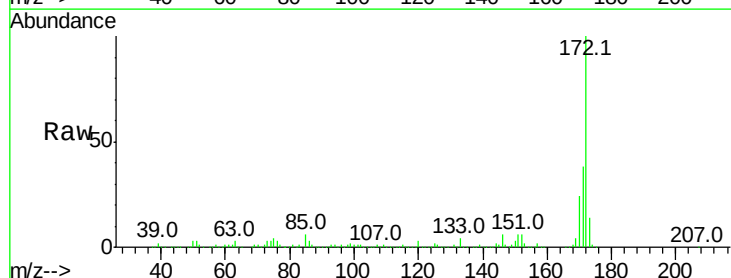


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

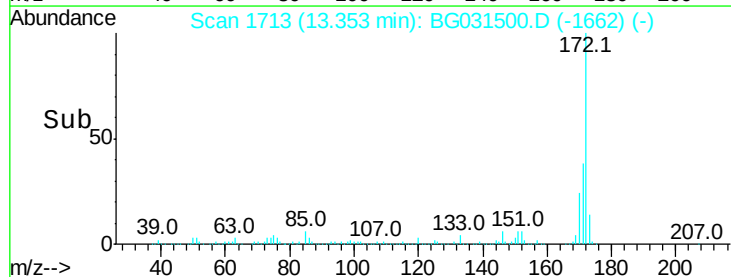
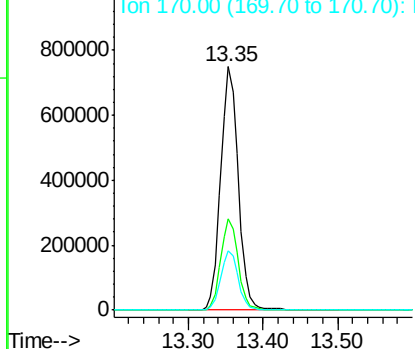


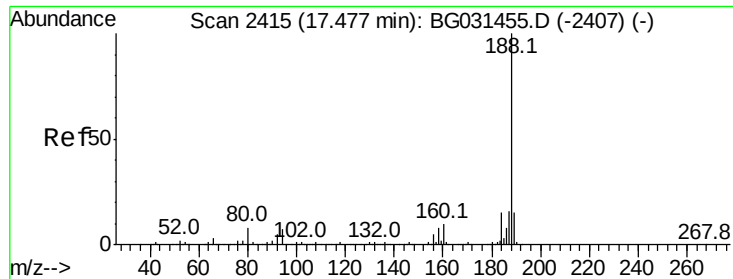
#44
 2-Fluorobiphenyl
 Concen: 107.956 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031500.D
 Acq: 12 Dec 2017 20:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.4	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

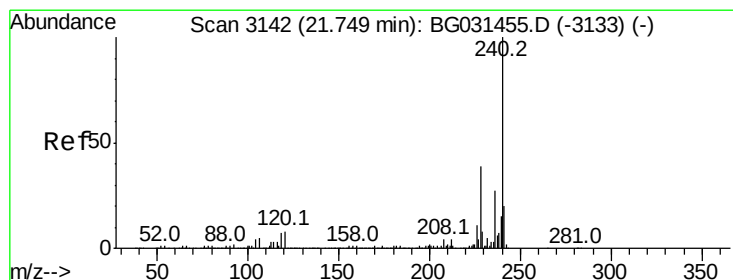
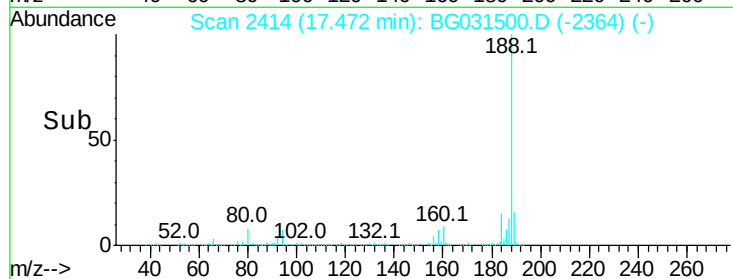
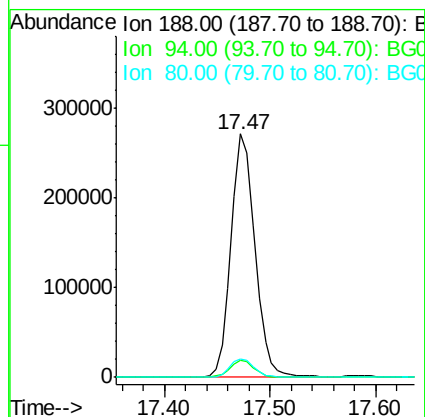
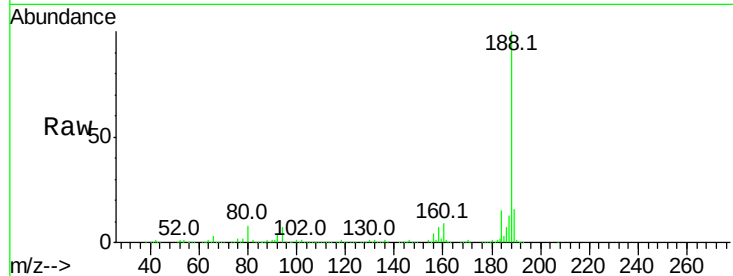




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031500.D
Acq: 12 Dec 2017 20:10

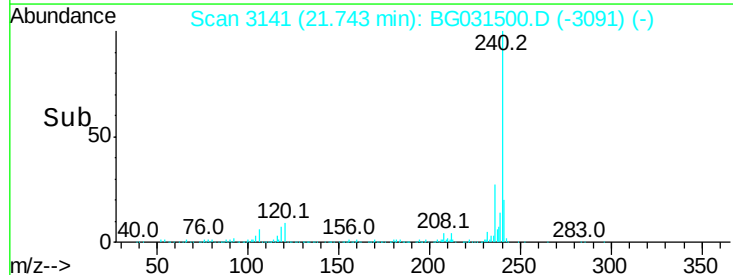
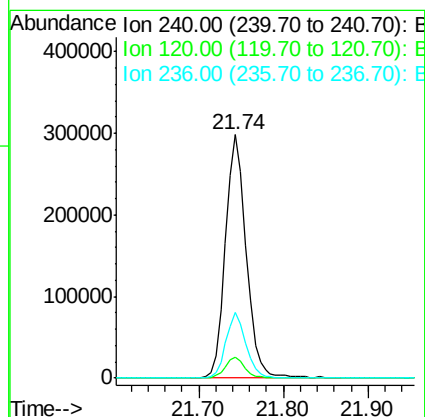
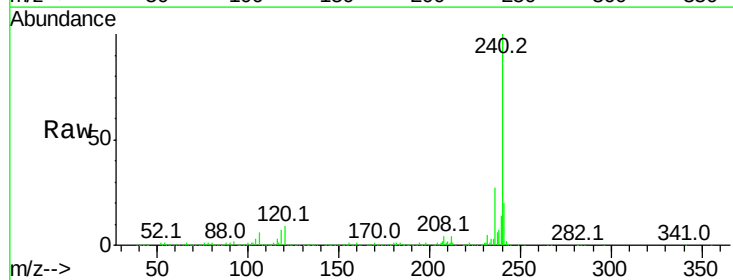
Instrument :
BNA_G
ClientSampleId :
TW-1

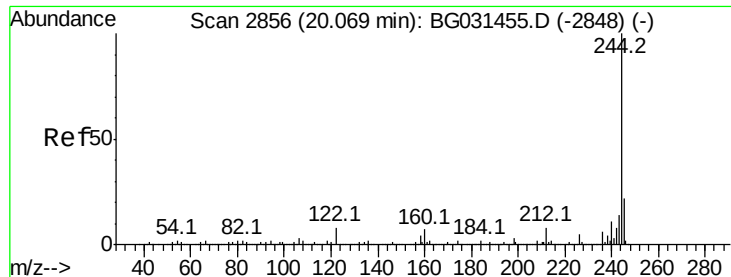
Tot Ion:188 Resp: 425524
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031500.D
Acq: 12 Dec 2017 20:10

Tgt Ion:240 Resp: 506107
Ion Ratio Lower Upper
240 100
120 8.5 6.8 10.2
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 97.996 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG031500.D

Acq: 12 Dec 2017 20:10

Instrument :

BNA_G

ClientSampleId :

TW-1

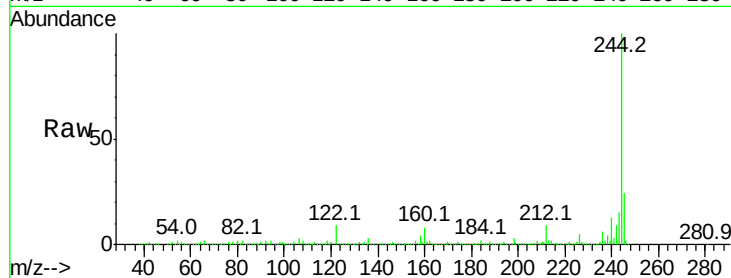
Tot Ion:244 Resp: 2179916

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

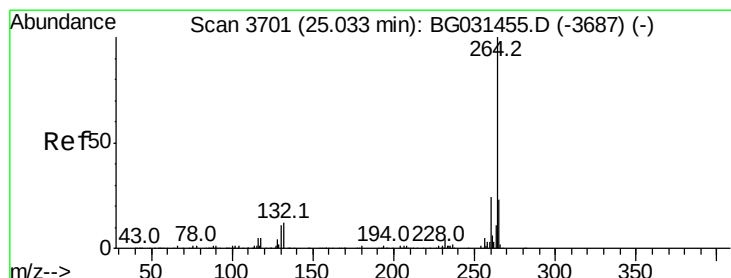
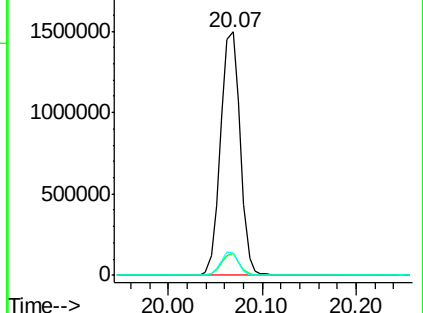
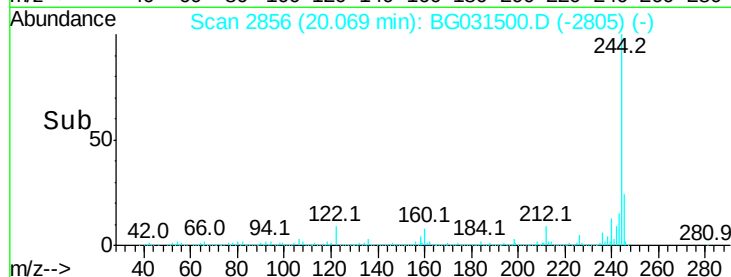
122 8.9 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031500.D

Acq: 12 Dec 2017 20:10

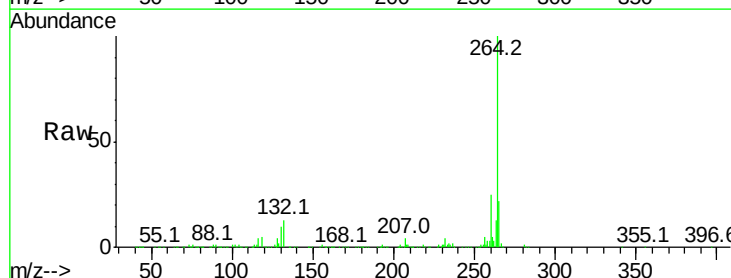
Tgt Ion:264 Resp: 490372

Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

265 22.4 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

