

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031571.D
 Acq On : 14 Dec 2017 22:56
 Operator : SJ/JU
 Sample : I6884-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 03:17:03 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	72870	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	295711	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	194088	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	516582	20.00	ng	0.00
75) Chrysene-d12	21.74	240	628031	20.00	ng	0.00
86) Perylene-d12	25.02	264	546768	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	219862	53.48	ng	0.00
7) Phenol-d6	7.27	99	169716	29.74	ng	0.00
23) Nitrobenzene-d5	9.27	82	403941	84.20	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	235368	103.51	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1198389	90.63	ng	0.00
78) Terphenyl-d14	20.06	244	2233943	80.93	ng	0.00

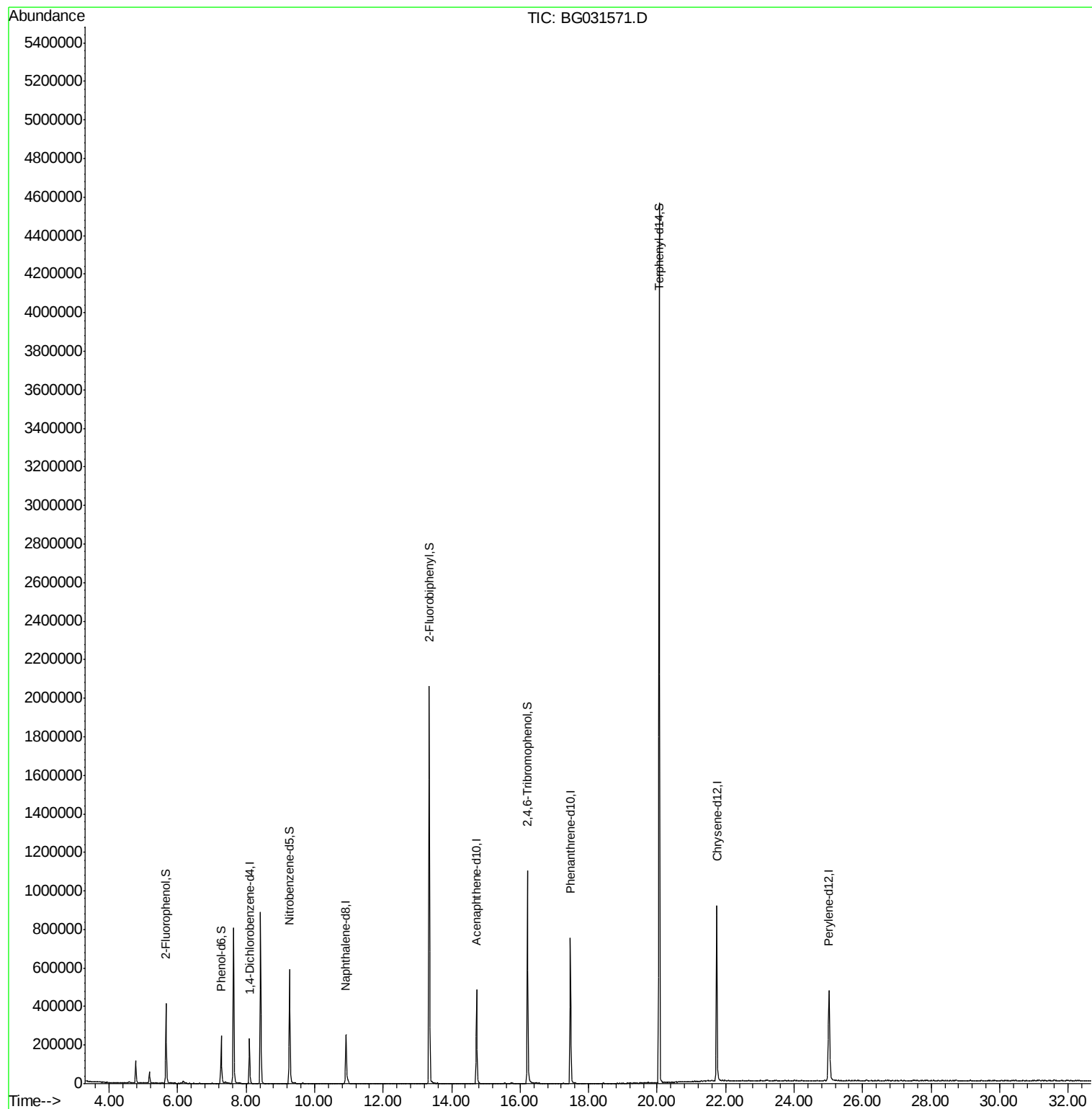
Target Compounds Qvalue

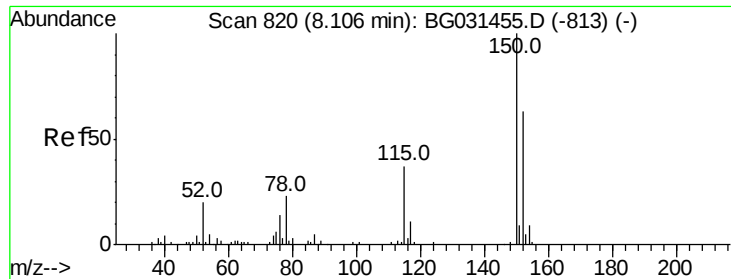
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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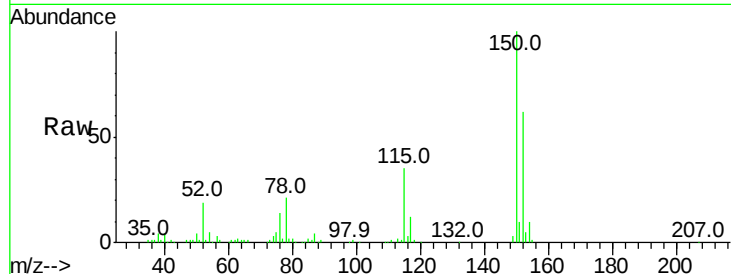


#1

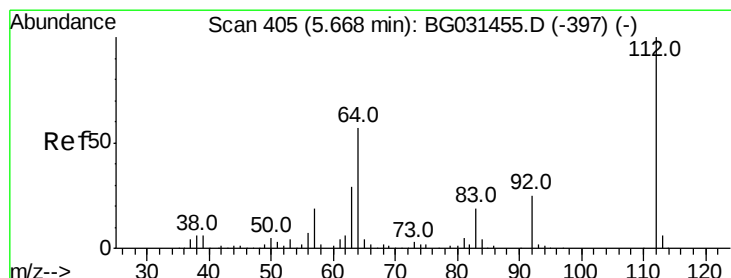
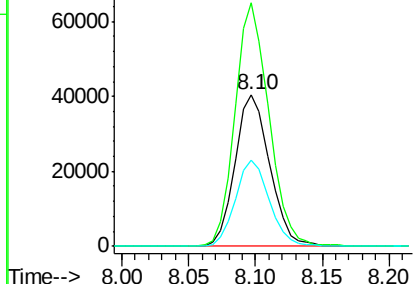
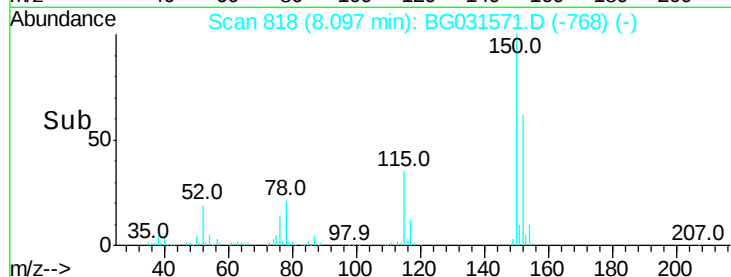
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031571.D
Acq: 14 Dec 2017 22:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 72870
Ion Ratio Lower Upper
152 100
150 160.1 126.6 189.8
115 56.6 53.0 79.4



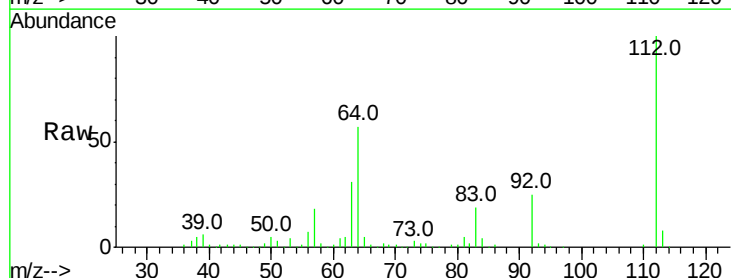
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



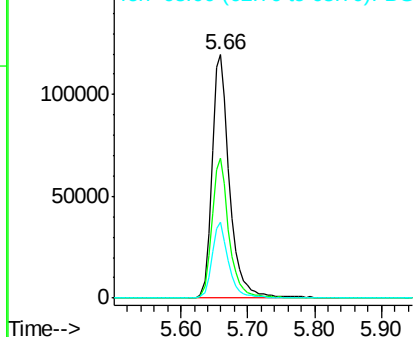
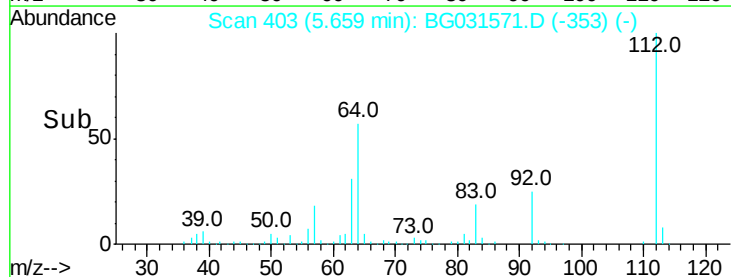
#5

2-Fluorophenol
Concen: 53.480 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031571.D
Acq: 14 Dec 2017 22:56

Tgt Ion:112 Resp: 219862
Ion Ratio Lower Upper
112 100
64 57.5 56.3 84.5
63 31.0 30.1 45.1



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: 29.737 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031571.D

Acq: 14 Dec 2017 22:56

Instrument :

BNA_G

ClientSampled :

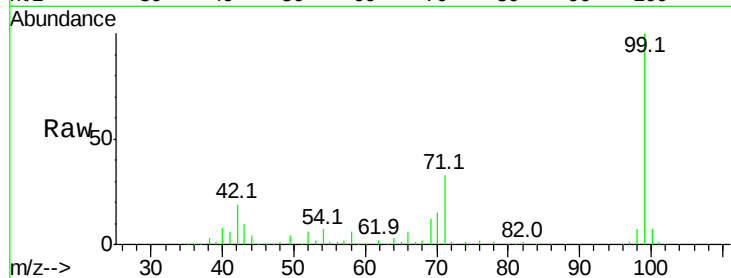
Tot Ion: 99 Resp: 169716

Ion Ratio Lower Upper

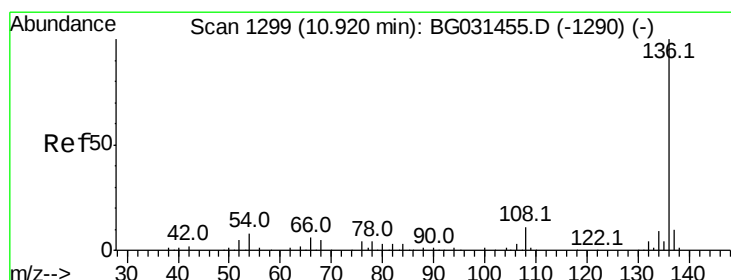
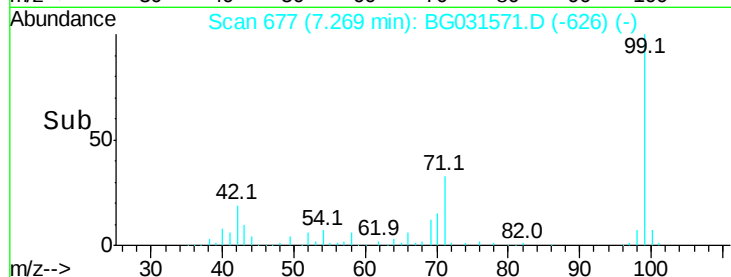
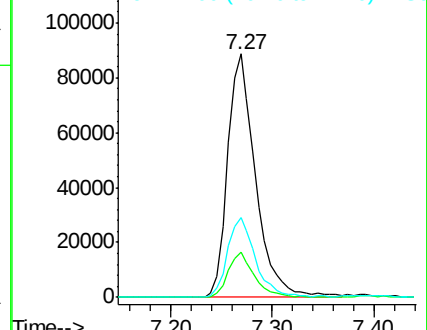
99 100

42 18.5 14.1 21.1

71 32.9 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: BG031571.D

Acq: 14 Dec 2017 22:56

Tgt Ion: 136 Resp: 295711

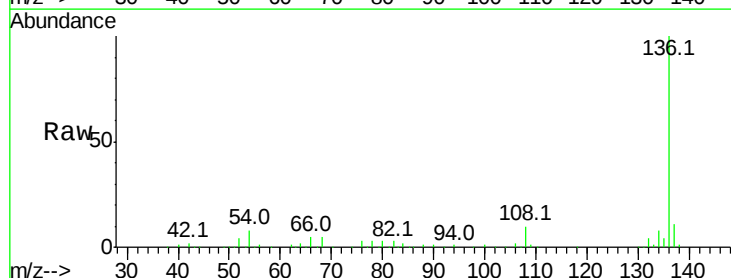
Ion Ratio Lower Upper

136 100

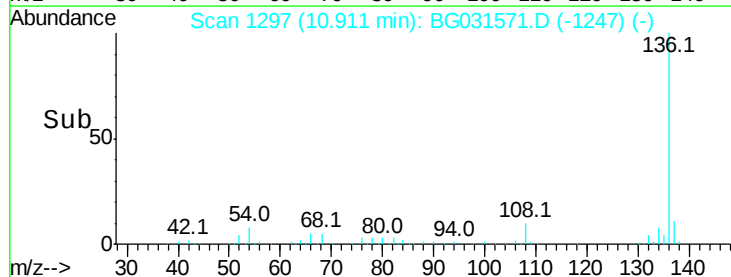
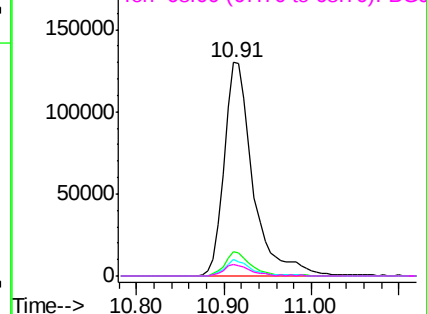
137 11.2 9.2 13.8

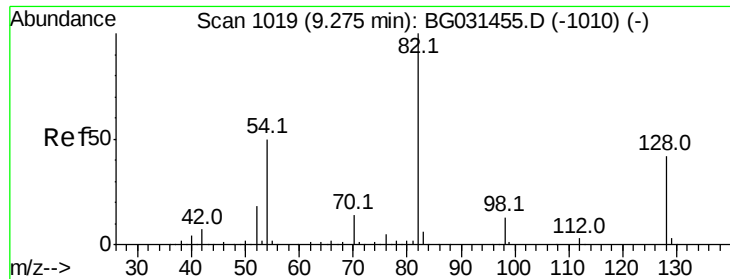
54 8.0 10.3 15.5#

68 5.4 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

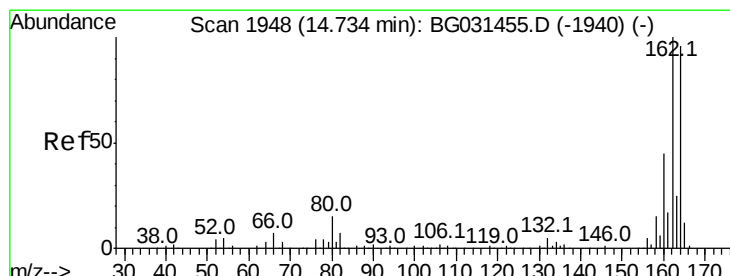
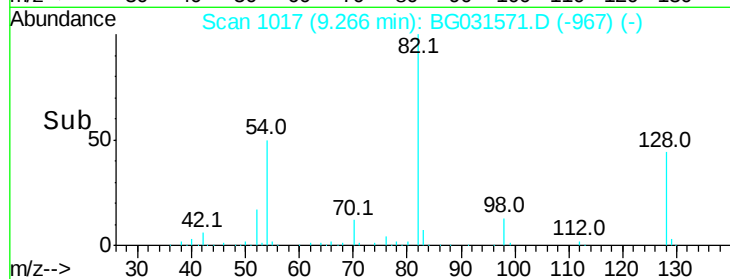
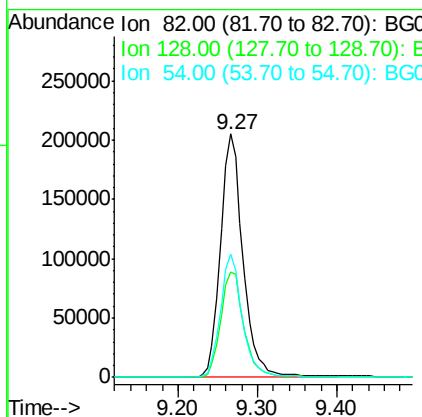
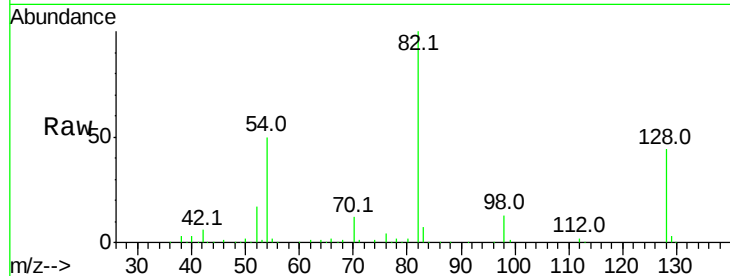




#23
 Nitrobenzene-d5
 Concen: 84.196 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031571.D
 Acq: 14 Dec 2017 22:56

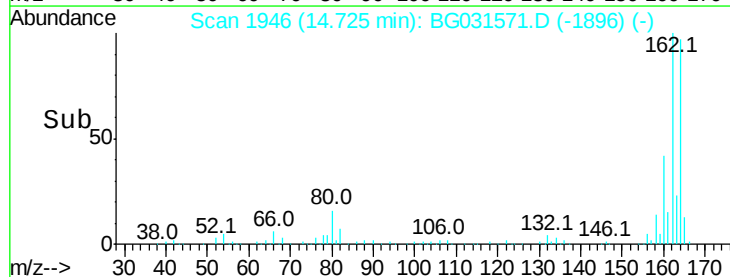
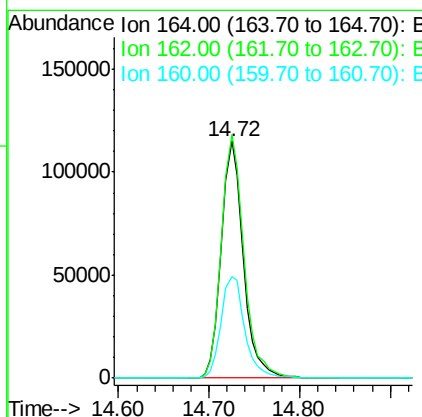
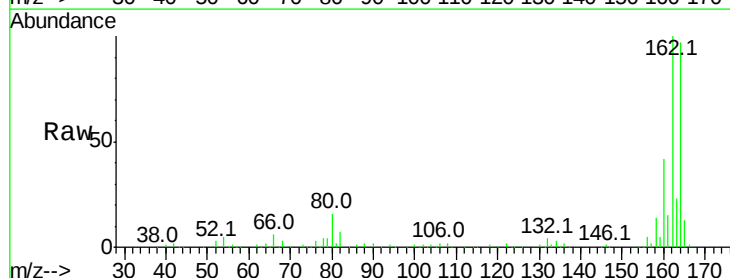
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 403941
 Ion Ratio Lower Upper
 82 100
 128 43.5 29.7 44.5
 54 50.5 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: BG031571.D
 Acq: 14 Dec 2017 22:56

Tgt Ion: 164 Resp: 194088
 Ion Ratio Lower Upper
 164 100
 162 102.8 78.8 118.2
 160 42.8 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 103.512 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG031571.D

Acq: 14 Dec 2017 22:56

Instrument :

BNA_G

ClientSampleId :

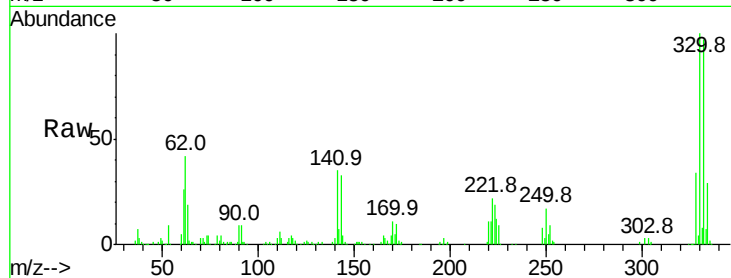
Tot Ion:330 Resp: 235368

Ion Ratio Lower Upper

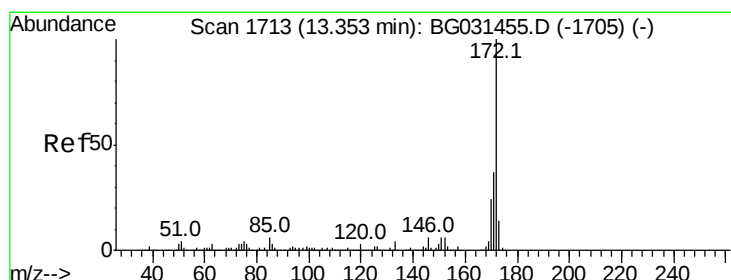
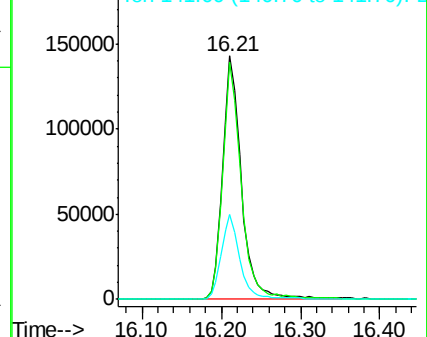
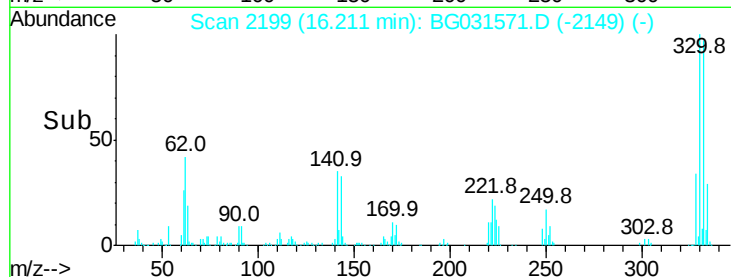
330 100

332 96.7 77.0 115.6

141 34.6 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: 90.633 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG031571.D

Acq: 14 Dec 2017 22:56

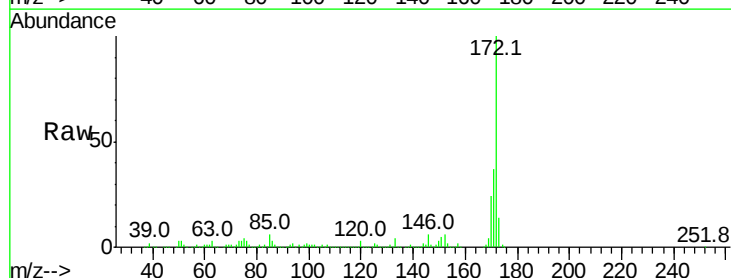
Tgt Ion:172 Resp: 1198389

Ion Ratio Lower Upper

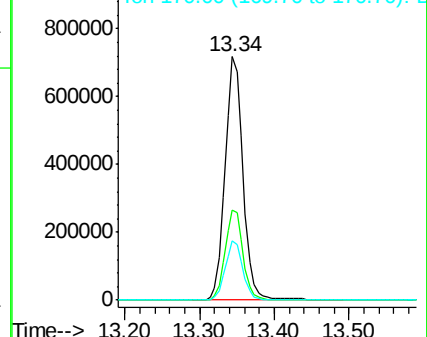
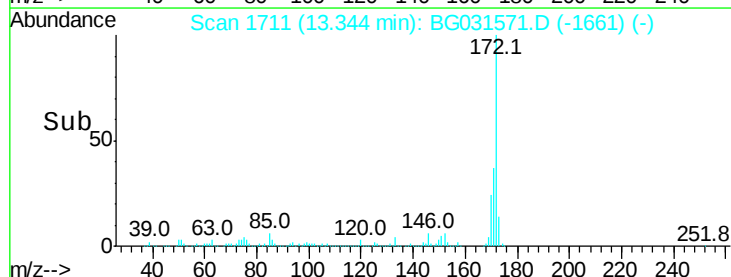
172 100

171 37.1 30.0 45.0

170 24.2 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# 2413

Delta R.T. -0.01 min

Lab File: BG031571.D

Acq: 14 Dec 2017 22:56

Instrument :

BNA_G

ClientSampleId :

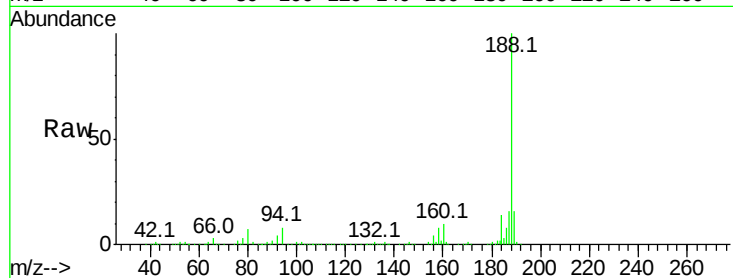
Tot Ion:188 Resp: 516582

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

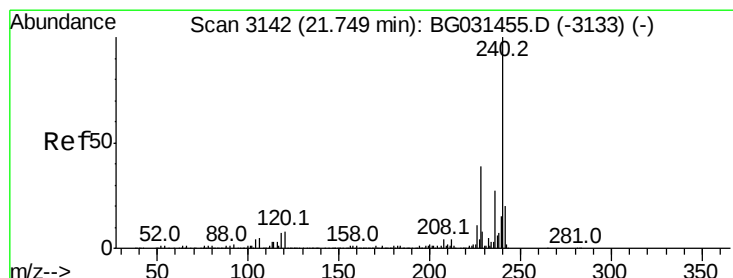
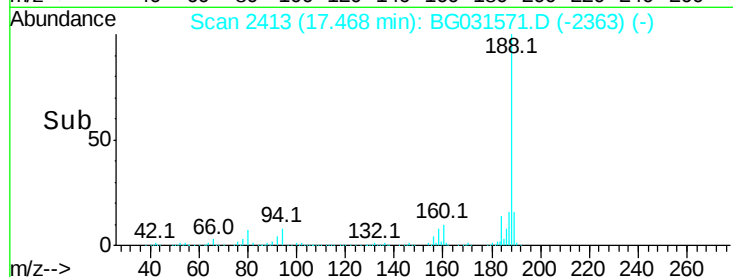
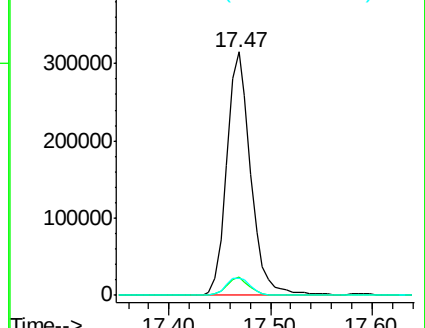
80 7.3 7.7 11.5#



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# 3140

Delta R.T. -0.01 min

Lab File: BG031571.D

Acq: 14 Dec 2017 22:56

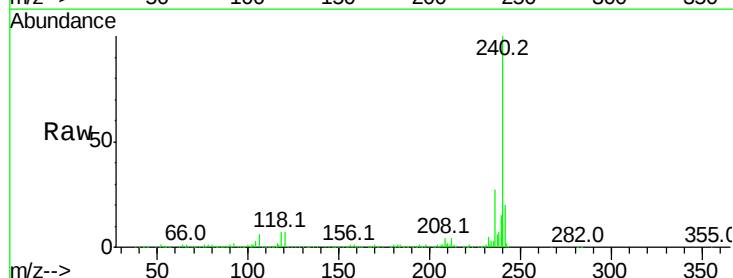
Tgt Ion:240 Resp: 628031

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

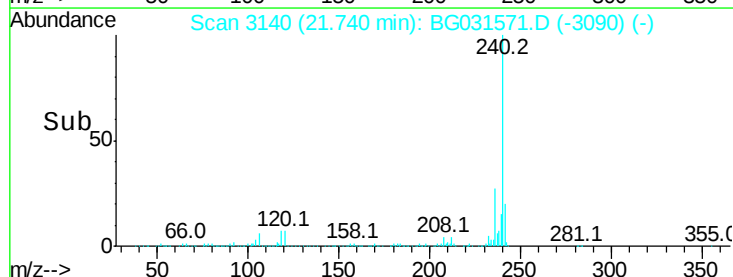
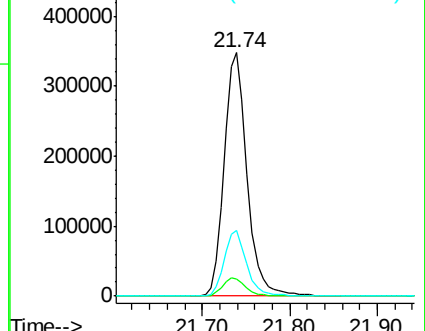
236 26.8 20.9 31.3

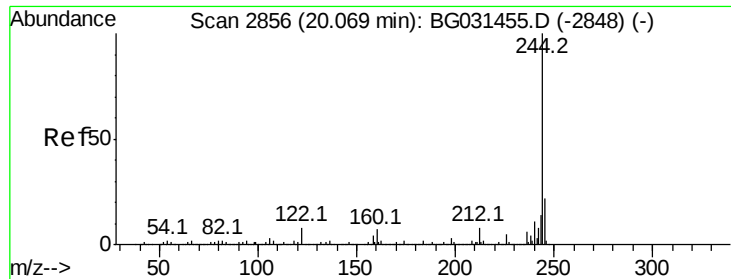


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.929 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031571.D

Acq: 14 Dec 2017 22:56

Instrument :

BNA_G

ClientSampleId :

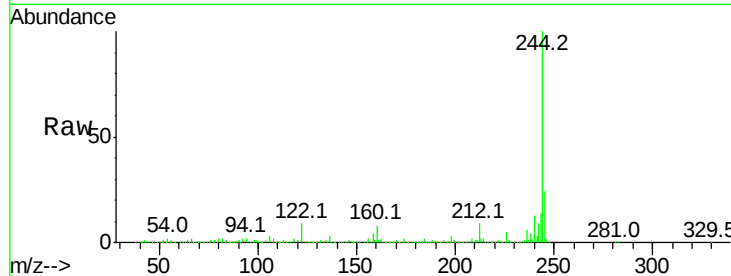
Tot Ion:244 Resp: 2233943

Ion Ratio Lower Upper

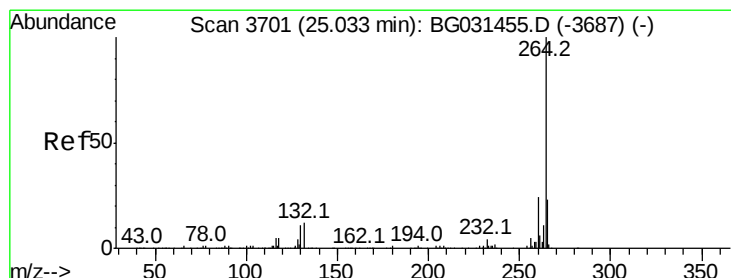
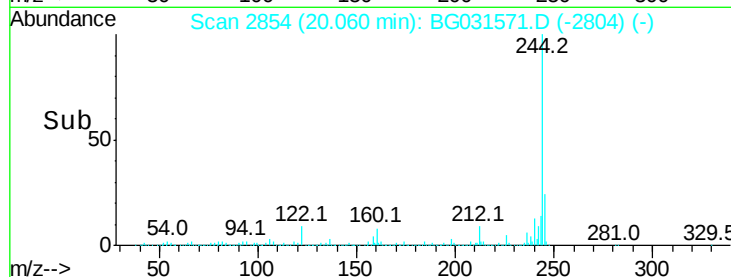
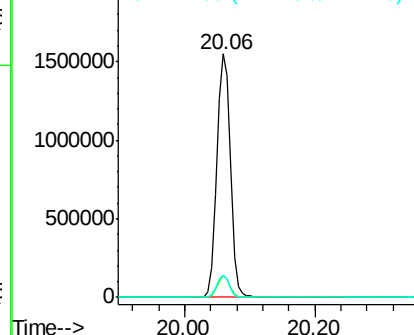
244 100

212 9.1 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

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG031571.D

Acq: 14 Dec 2017 22:56

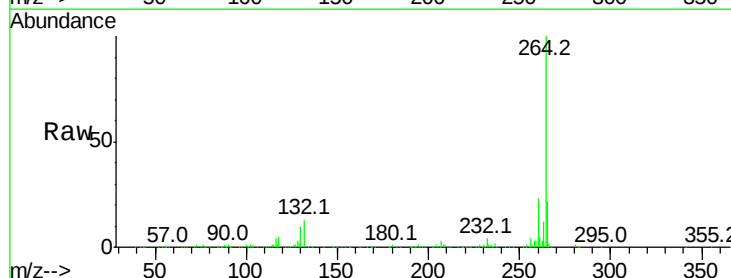
Tgt Ion:264 Resp: 546768

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 22.0 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

