

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031476.D
 Acq On : 12 Dec 2017 5:05
 Operator : SJ/JU
 Sample : I6762-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 11:15:31 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	51874	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	217014	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	146450	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	424110	20.00	ng	0.00
75) Chrysene-d12	21.74	240	510212	20.00	ng	0.00
86) Perylene-d12	25.03	264	480035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	127282	43.49	ng	0.00
7) Phenol-d6	7.28	99	102093	25.13	ng	0.00
23) Nitrobenzene-d5	9.28	82	328792	93.38	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	171279	99.83	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	951294	95.35	ng	0.00
78) Terphenyl-d14	20.06	244	1865248	83.18	ng	0.00

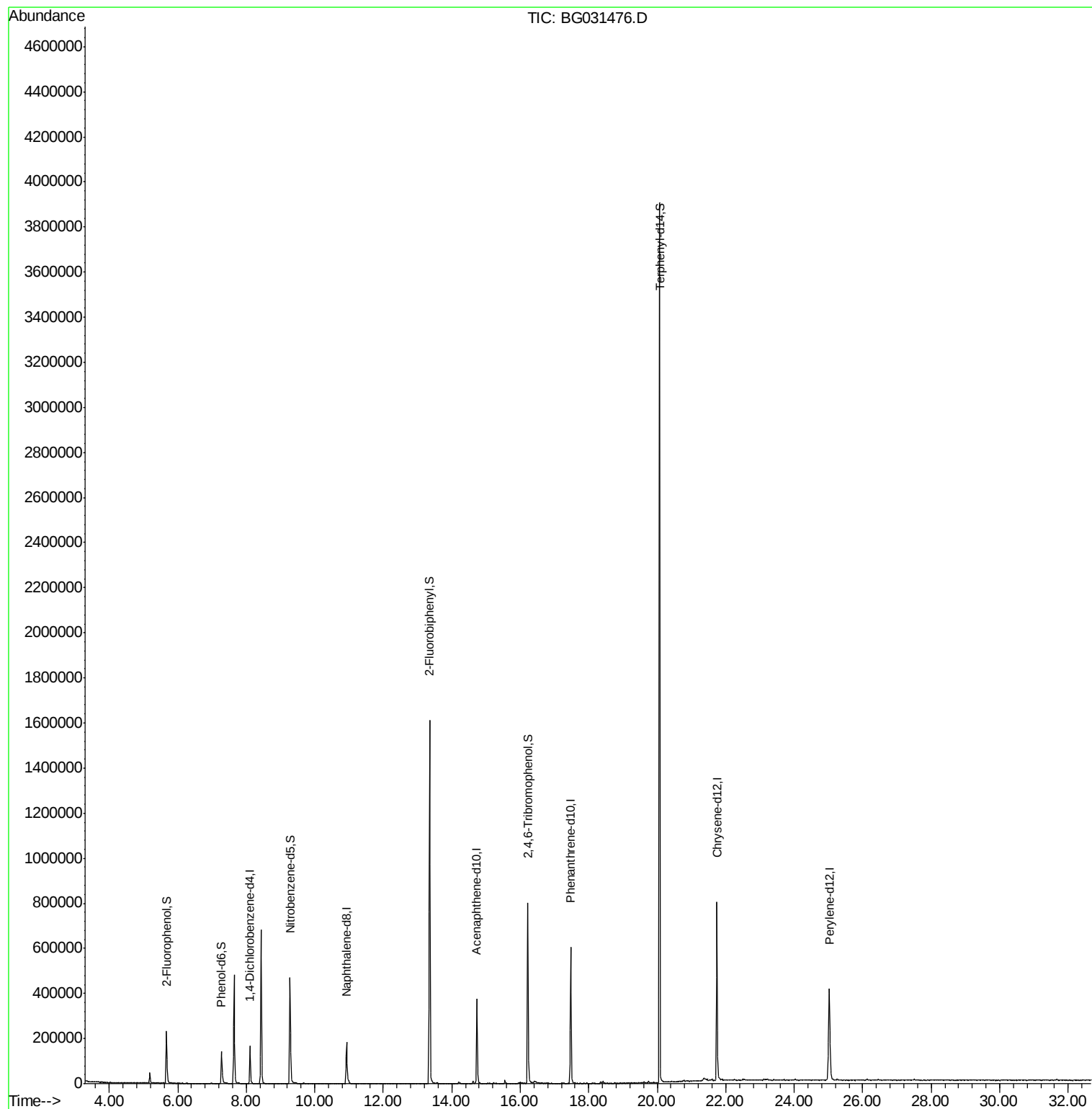
Target Compounds Qvalue

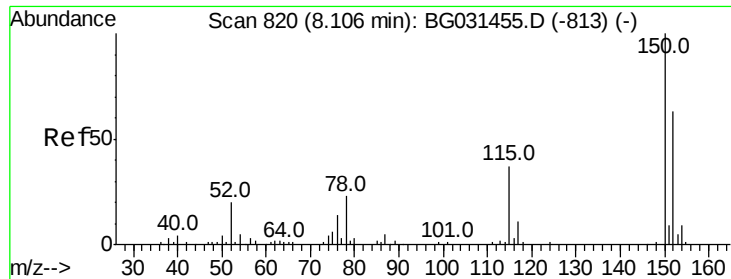
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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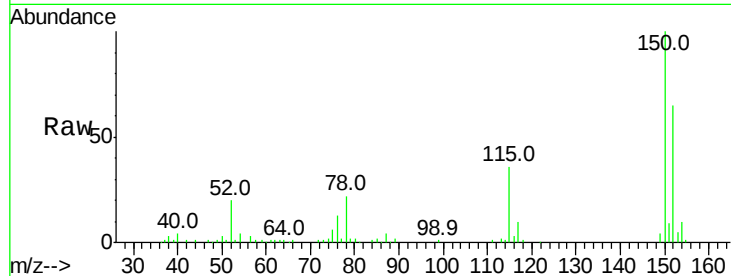


#1

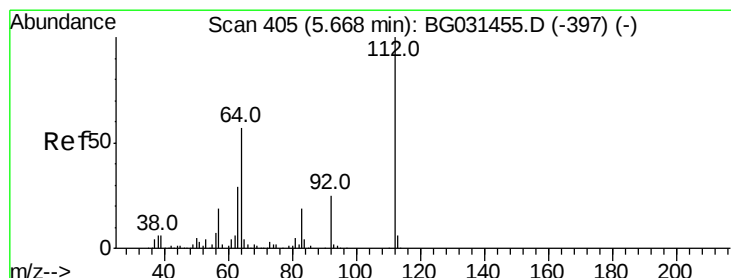
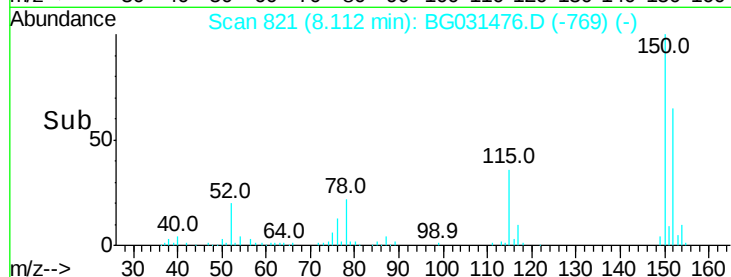
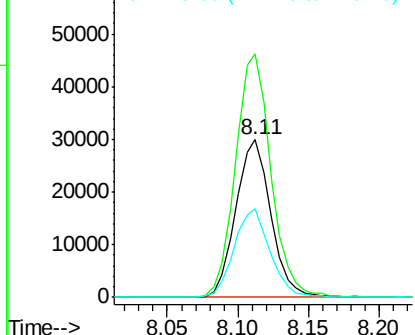
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031476.D
Acq: 12 Dec 2017 5:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51874
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 56.3 53.0 79.4



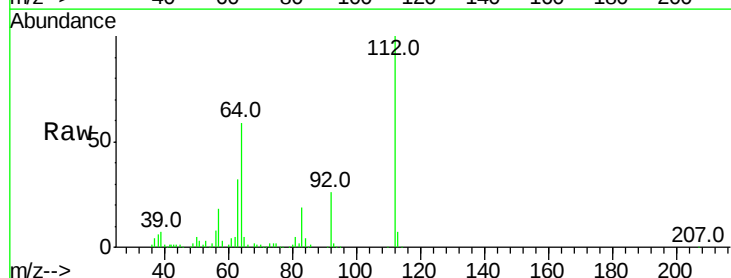
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



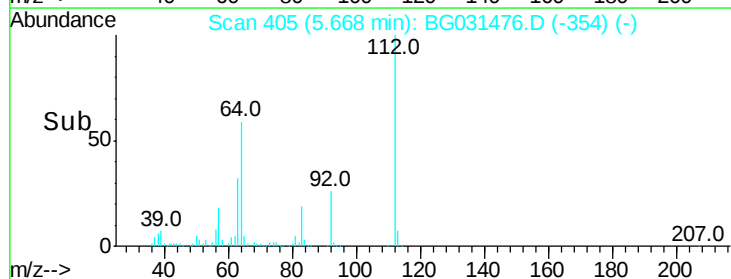
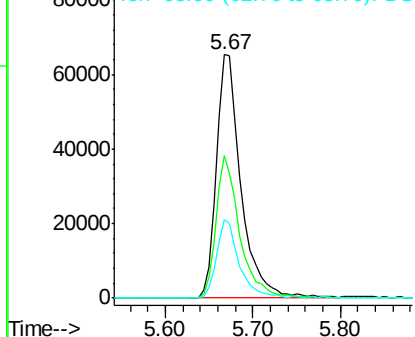
#5

2-Fluorophenol
Concen: 43.492 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031476.D
Acq: 12 Dec 2017 5:05

Tgt Ion:112 Resp: 127282
Ion Ratio Lower Upper
112 100
64 58.7 56.3 84.5
63 32.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 25.129 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031476.D

Acq: 12 Dec 2017 5:05

Instrument :

BNA_G

ClientSampleId :

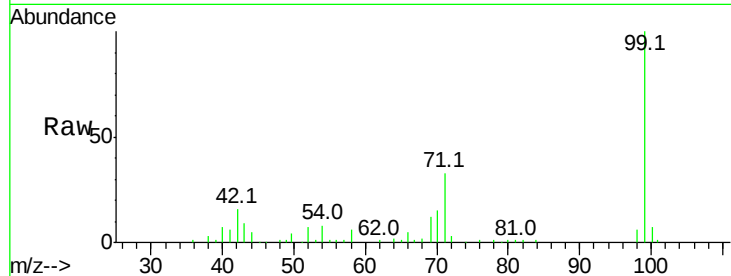
Tot Ion: 99 Resp: 102093

Ion Ratio Lower Upper

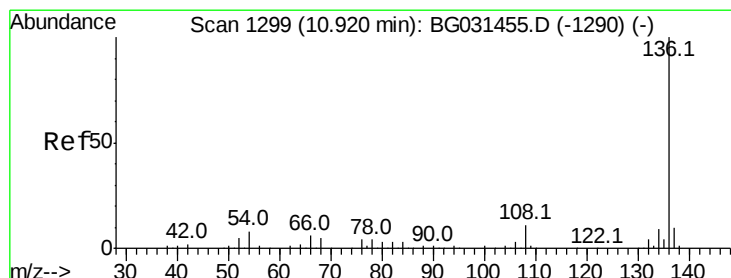
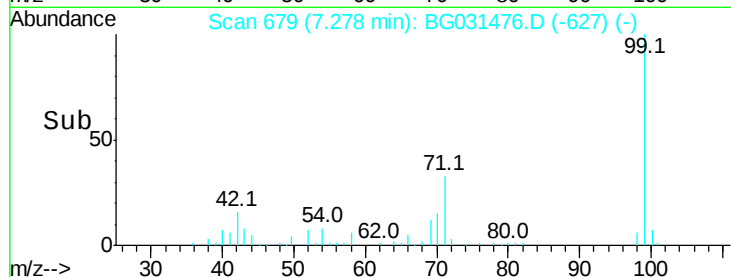
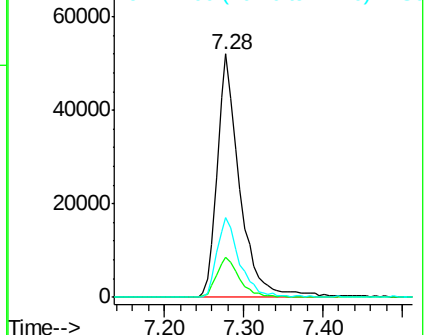
99 100

42 16.3 14.1 21.1

71 32.7 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031476.D

Acq: 12 Dec 2017 5:05

Tgt Ion: 136 Resp: 217014

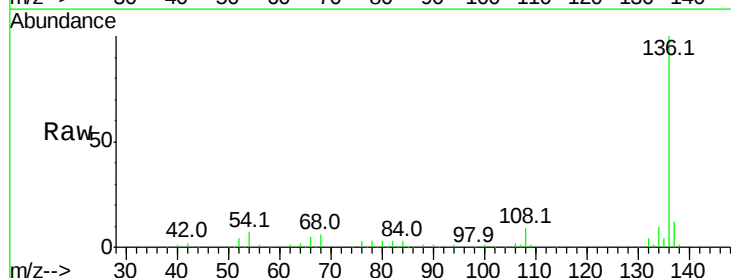
Ion Ratio Lower Upper

136 100

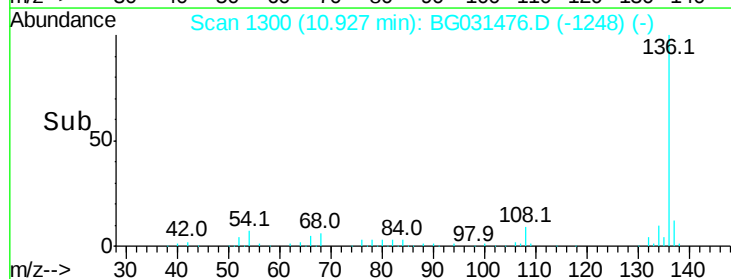
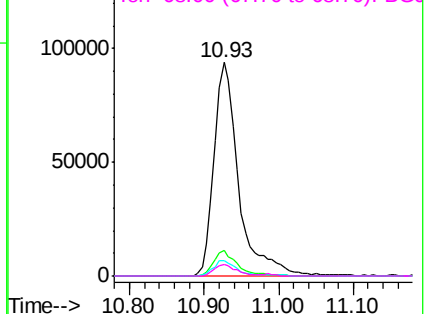
137 12.0 9.2 13.8

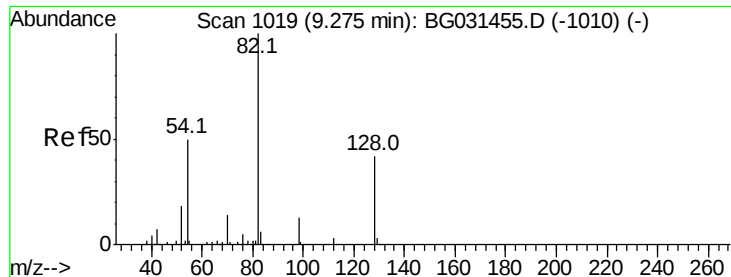
54 7.4 10.3 15.5#

68 5.5 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

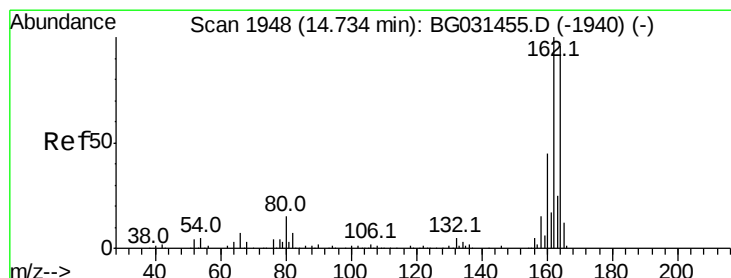
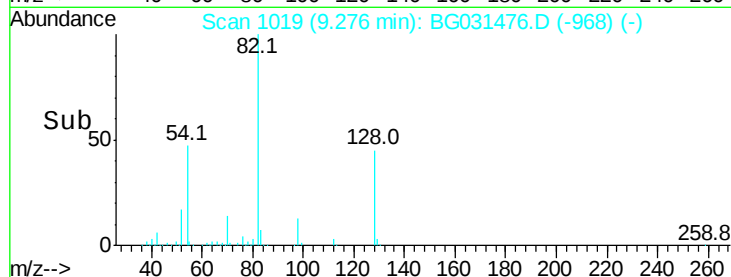
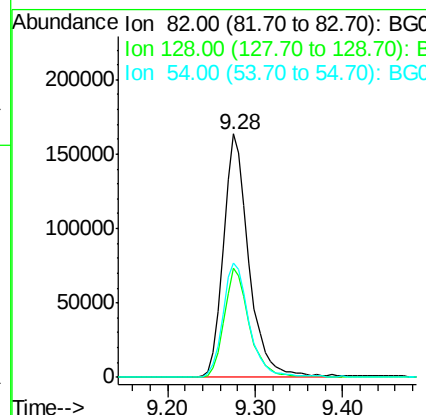
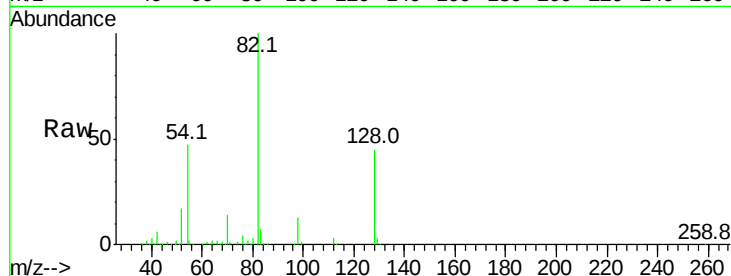




#23
Nitrobenzene-d5
Concen: 93.384 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031476.D
Acq: 12 Dec 2017 5:05

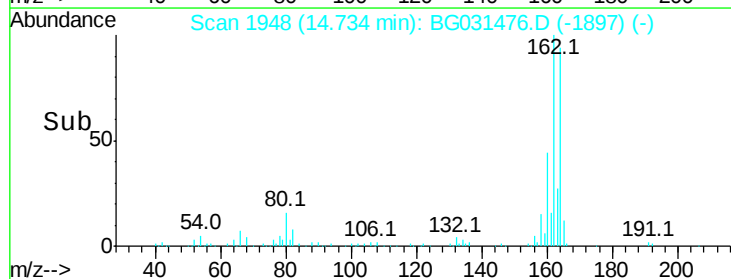
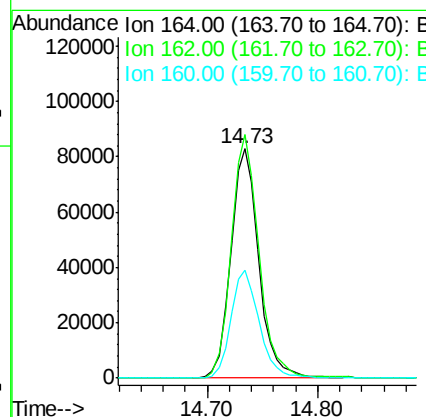
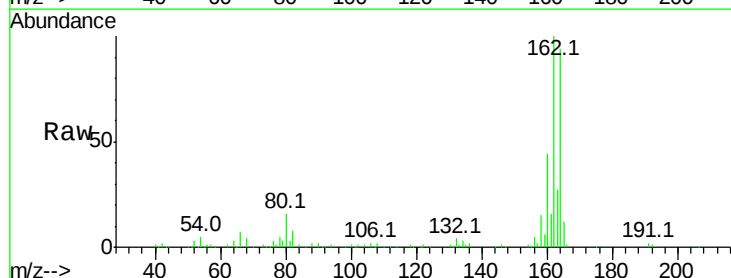
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	328792
Ion	Ratio	Lower	Upper
82	100		
128	44.8	29.7	44.5#
54	47.1	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: BG031476.D
Acq: 12 Dec 2017 5:05

Tgt Ion	164	Resp	146450
Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.8	118.2
160	47.3	35.4	53.0

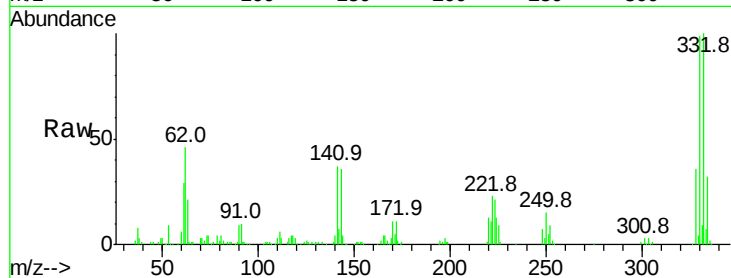




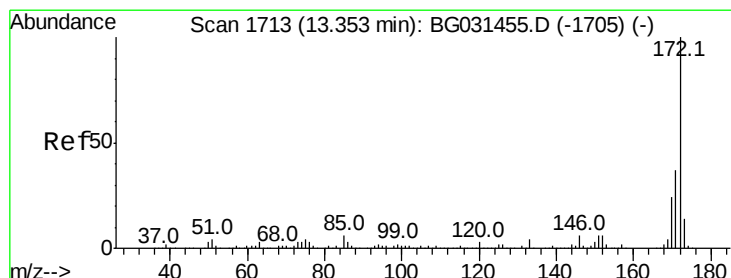
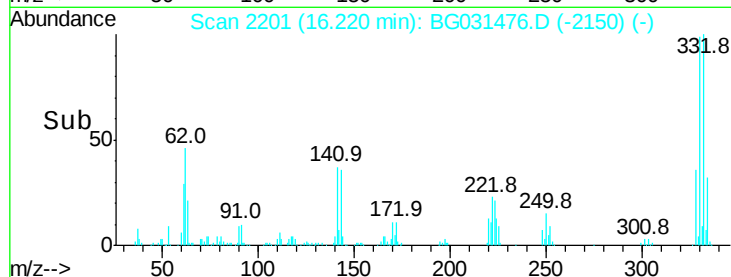
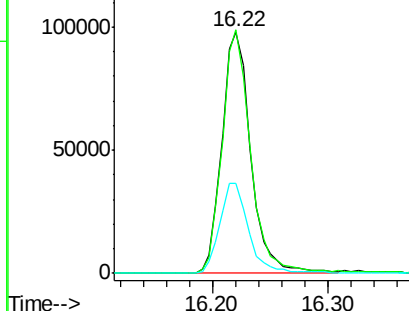
#41
 2,4,6-Tribromophenol
 Concen: 99.829 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031476.D
 Acq: 12 Dec 2017 5:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	37.3	25.2	37.8

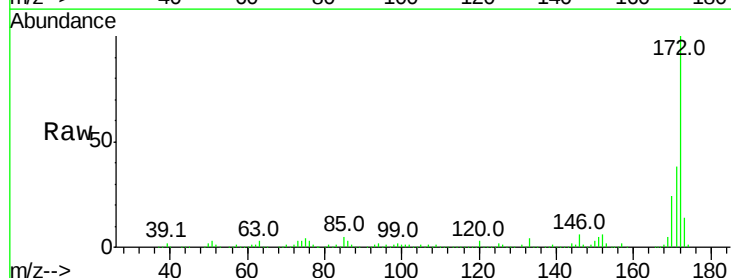


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

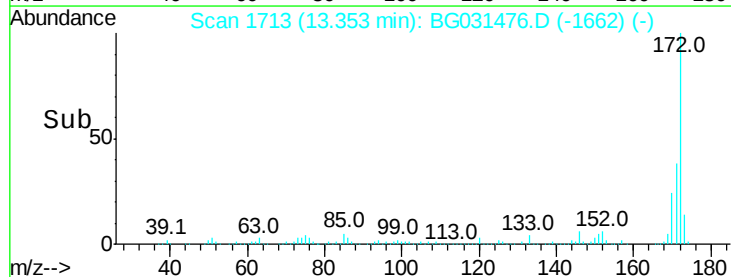
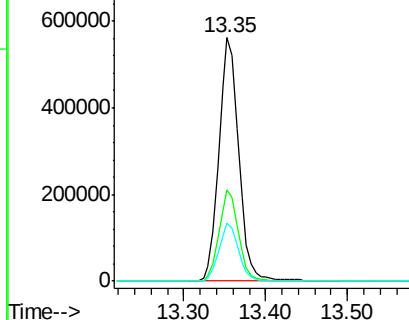


#44
 2-Fluorobiphenyl
 Concen: 95.348 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031476.D
 Acq: 12 Dec 2017 5:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG031476.D

Acq: 12 Dec 2017 5:05

Instrument :

BNA_G

ClientSampleId :

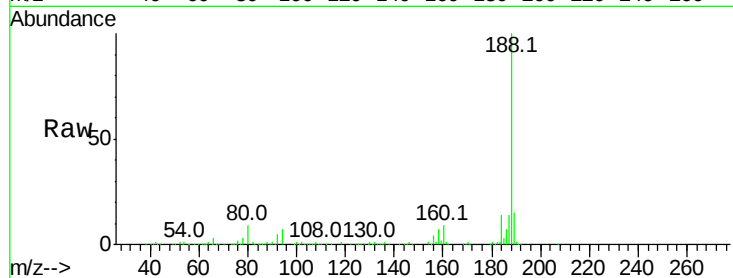
Tot Ion:188 Resp: 424110

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

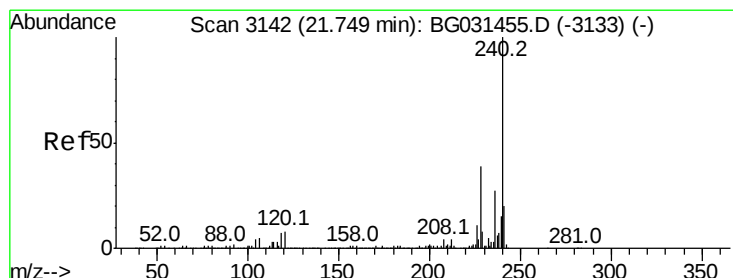
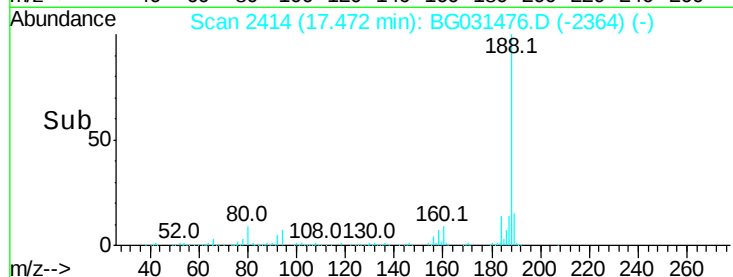
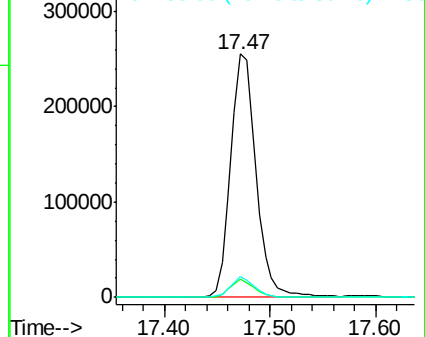
80 8.8 7.7 11.5



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: BG031476.D

Acq: 12 Dec 2017 5:05

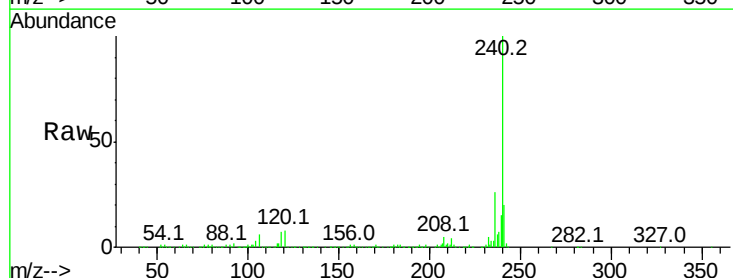
Tgt Ion:240 Resp: 510212

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

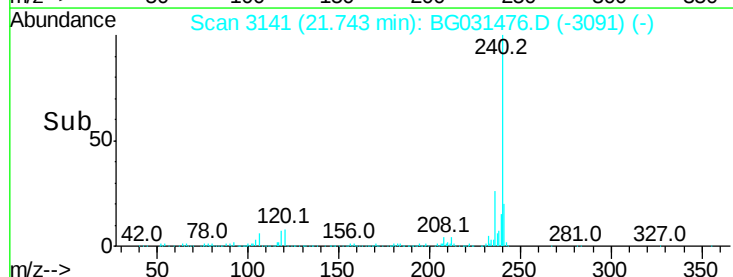
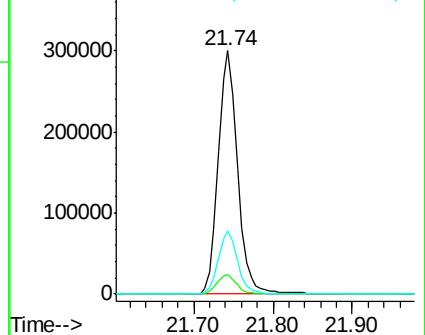
236 26.2 20.9 31.3

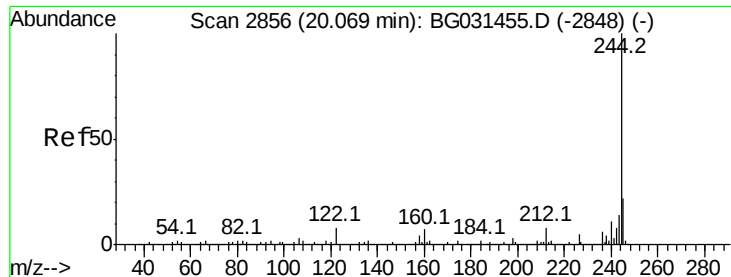


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.176 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031476.D

Acq: 12 Dec 2017 5:05

Instrument :

BNA_G

ClientSampleId :

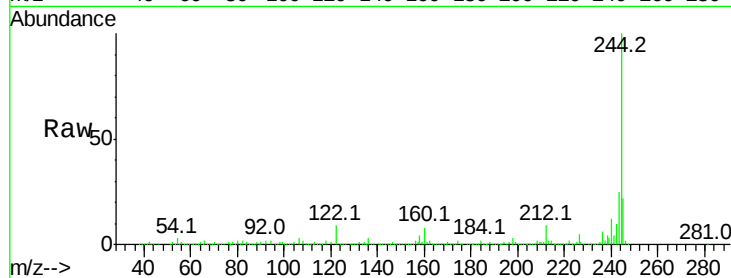
Tot Ion:244 Resp: 1865248

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.2	7.0	10.4

244 100

212 8.7 5.8 8.8

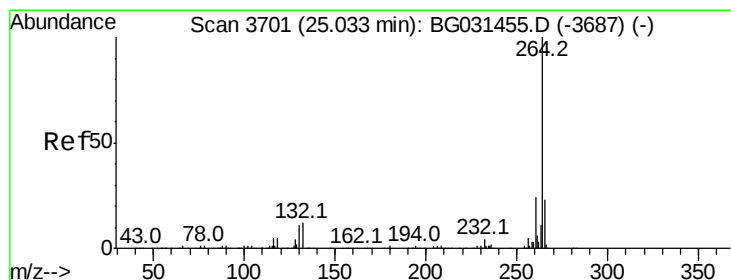
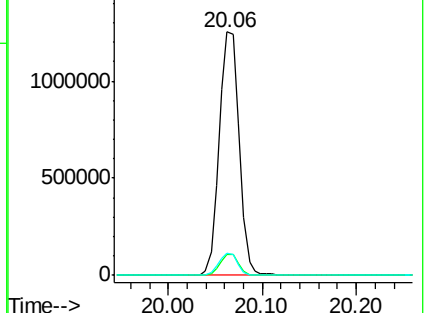
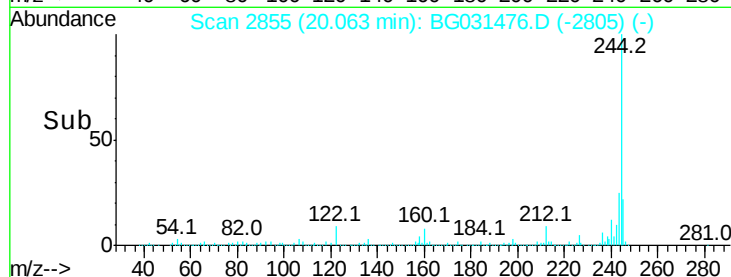
122 9.2 7.0 10.4



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: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031476.D

Acq: 12 Dec 2017 5:05

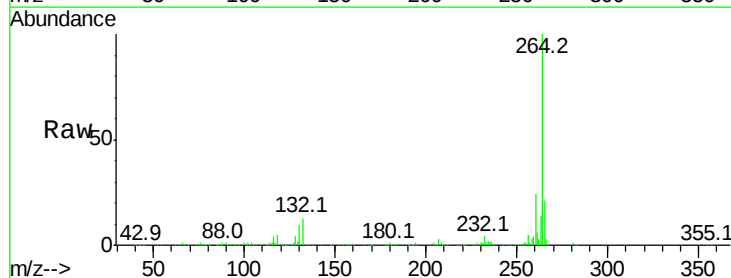
Tgt Ion:264 Resp: 480035

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.1	17.7	26.5

264 100

260 23.7 17.4 26.0

265 21.1 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

