

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031526.D
 Acq On : 13 Dec 2017 14:05
 Operator : SJ/JU
 Sample : I6817-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 14:57:01 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

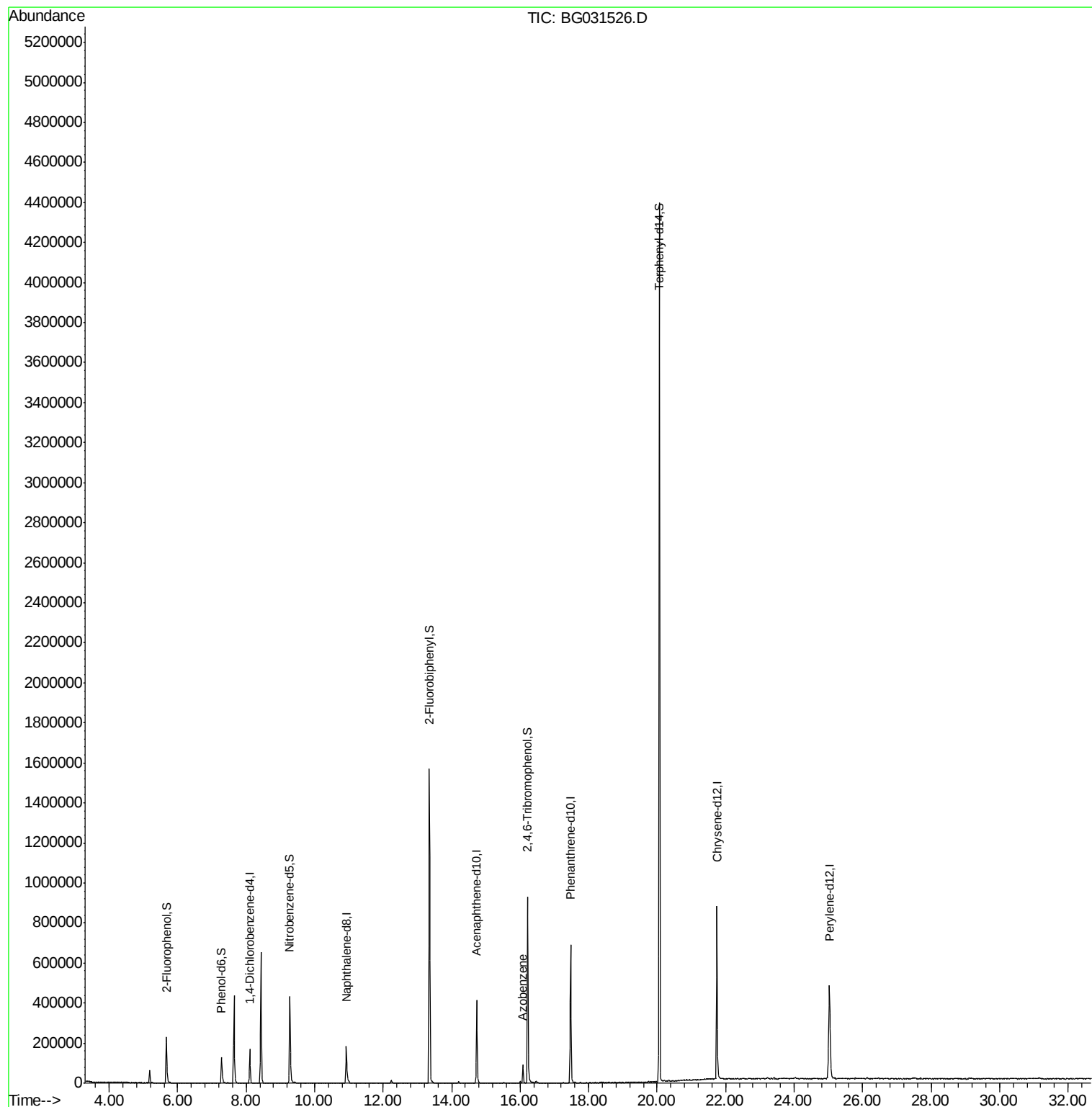
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52600	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	218290	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	157859	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	471608	20.00	ng	0.00
75) Chrysene-d12	21.75	240	571873	20.00	ng	0.00
86) Perylene-d12	25.03	264	554482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	127526	42.97	ng	0.00
7) Phenol-d6	7.28	99	98613	23.94	ng	0.00
23) Nitrobenzene-d5	9.28	82	307767	86.90	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	204323	110.48	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	964662	89.70	ng	0.00
78) Terphenyl-d14	20.07	244	1947100	77.46	ng	0.00
Target Compounds						
62) Azobenzene	16.08	77	30312	2.793	ng	Qvalue # 1

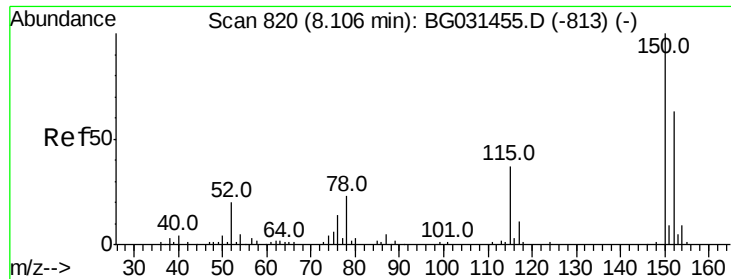
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
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BNA_G
ClientSampleId :

Quant Time: Dec 13 14:57:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration



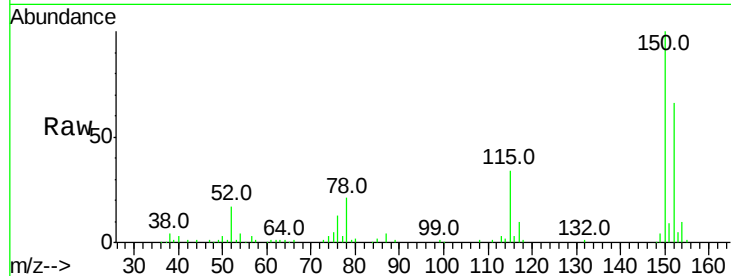


#1

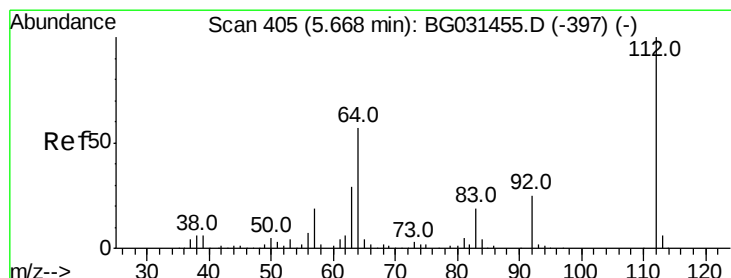
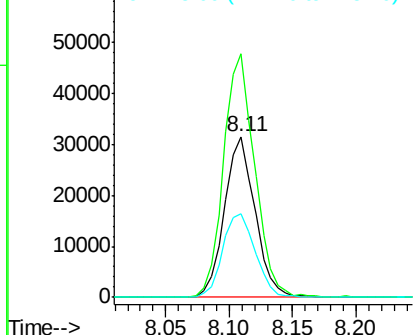
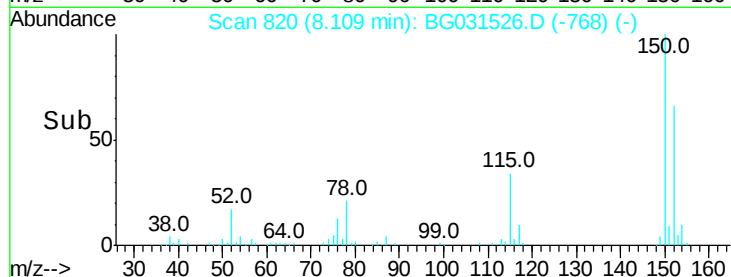
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG031526.D
 Acq: 13 Dec 2017 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 52600
 Ion Ratio Lower Upper
 152 100
 150 151.3 126.6 189.8
 115 52.1 53.0 79.4#



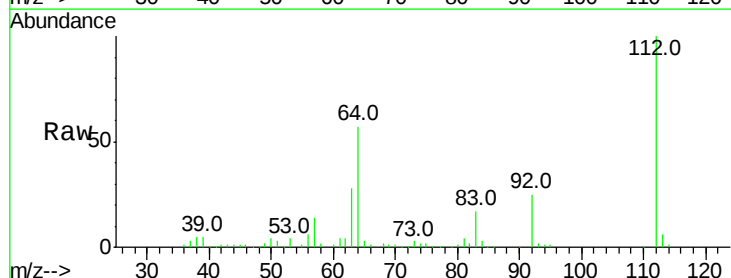
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



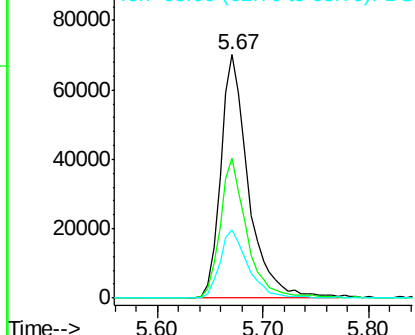
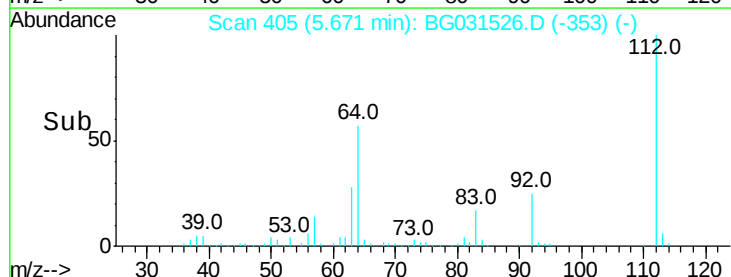
#5

2-Fluorophenol
 Concen: 42.974 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031526.D
 Acq: 13 Dec 2017 14:05

Tgt Ion:112 Resp: 127526
 Ion Ratio Lower Upper
 112 100
 64 57.3 56.3 84.5
 63 27.9 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: 23.937 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031526.D

Acq: 13 Dec 2017 14:05

Instrument :

BNA_G

ClientSampleId :

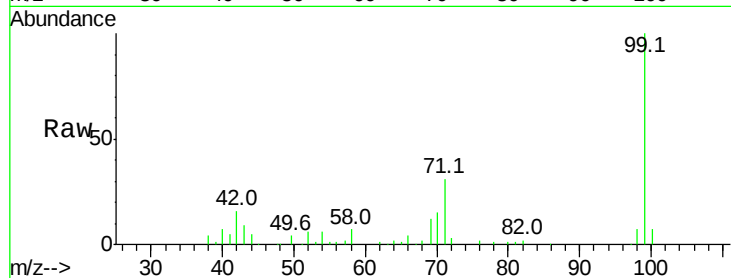
Tot Ion: 99 Resp: 98613

Ion Ratio Lower Upper

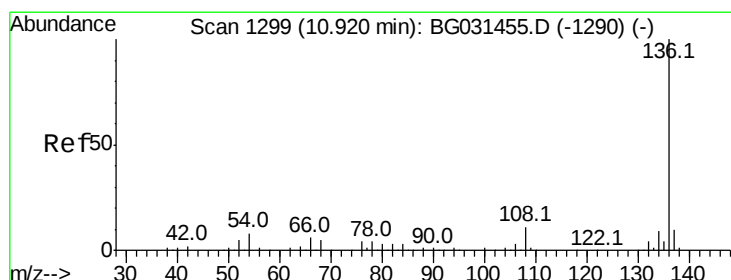
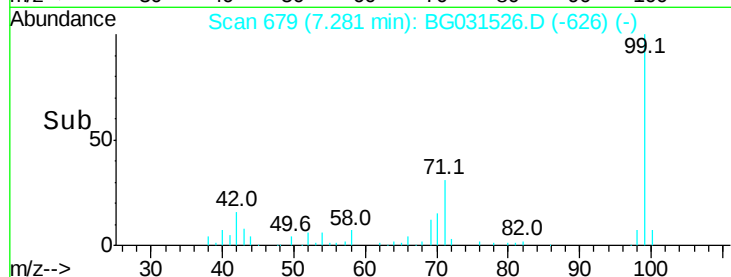
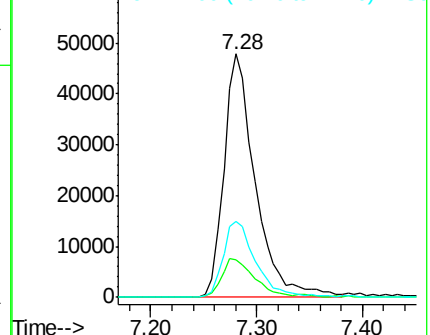
99 100

42 15.6 14.1 21.1

71 31.5 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: 10.92 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG031526.D

Acq: 13 Dec 2017 14:05

Tgt Ion: 136 Resp: 218290

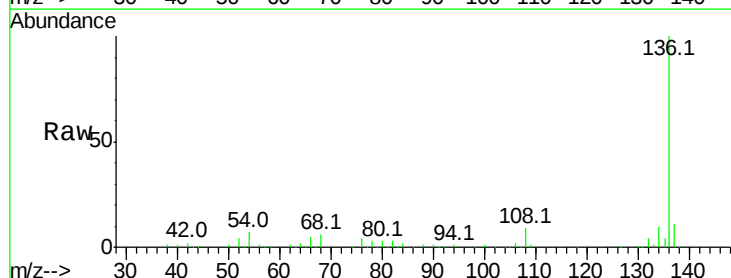
Ion Ratio Lower Upper

136 100

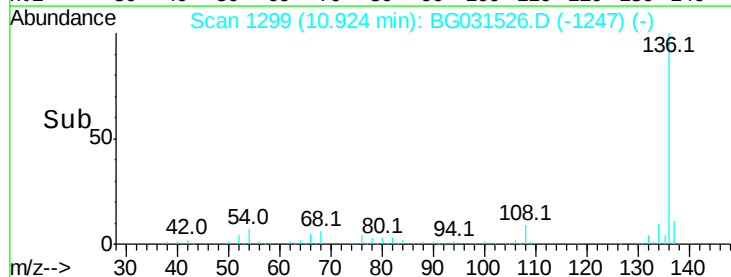
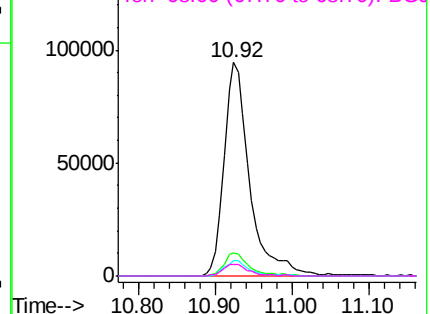
137 10.8 9.2 13.8

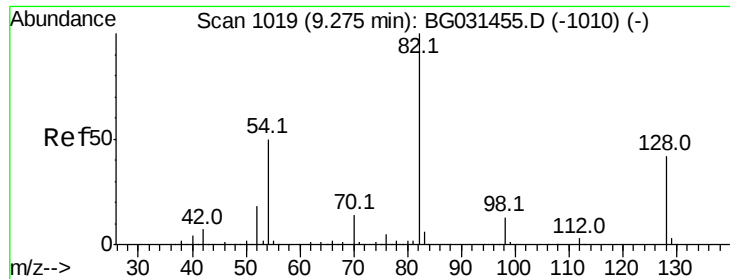
54 7.4 10.3 15.5#

68 5.7 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

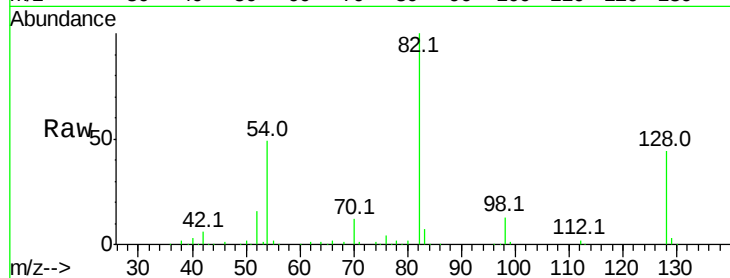




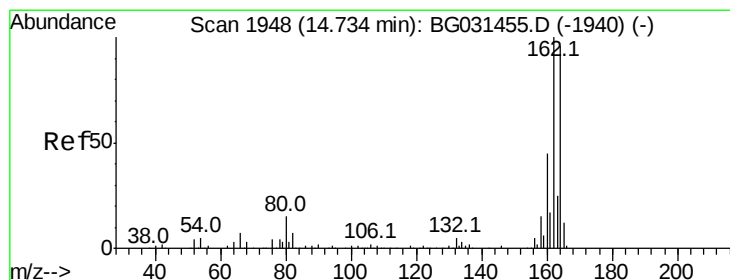
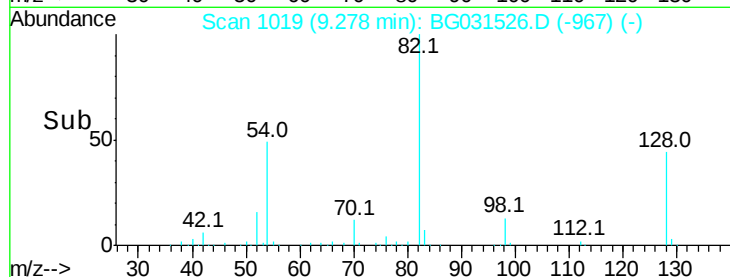
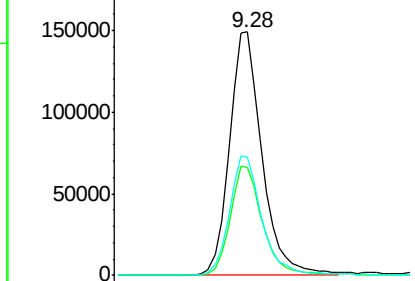
#23
Nitrobenzene-d5
Concen: 86.902 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031526.D
Acq: 13 Dec 2017 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	29.7	44.5
54	48.5	43.1	64.7

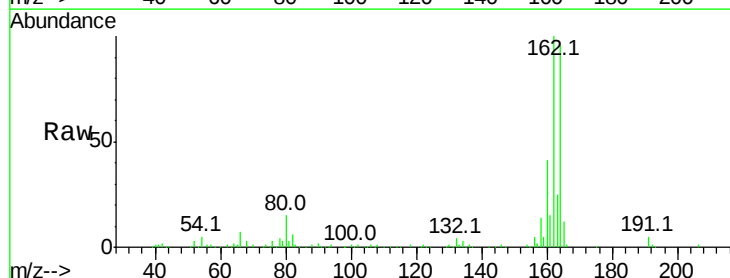


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

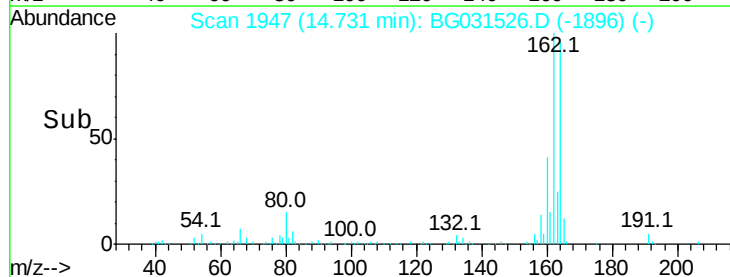
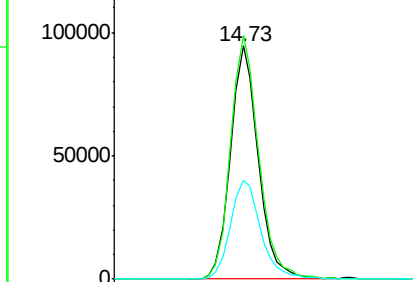


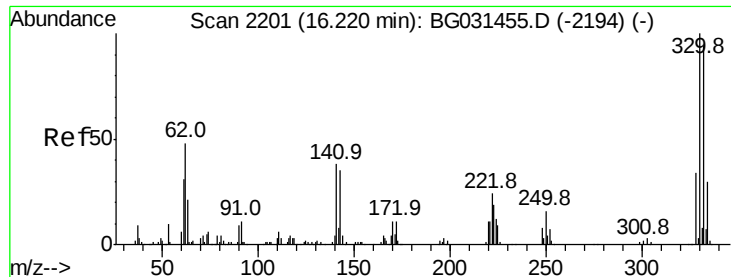
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG031526.D
Acq: 13 Dec 2017 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	42.7	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

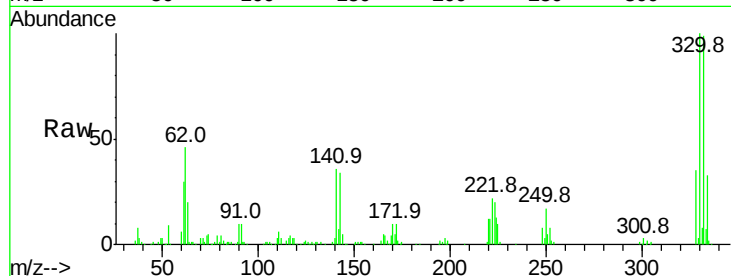




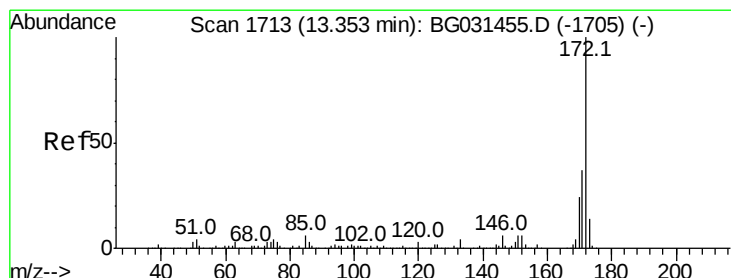
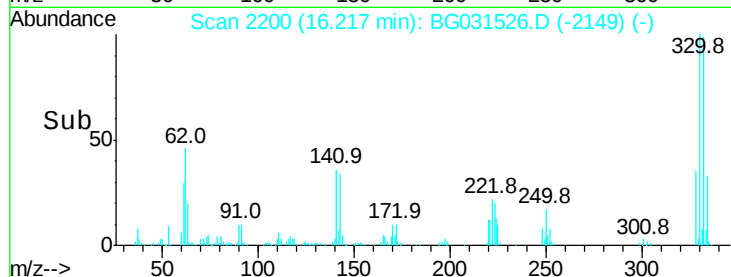
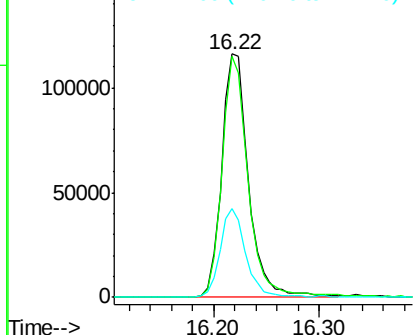
#41
 2,4,6-Tribromophenol
 Concen: 110.482 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031526.D
 Acq: 13 Dec 2017 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	35.1	25.2	37.8

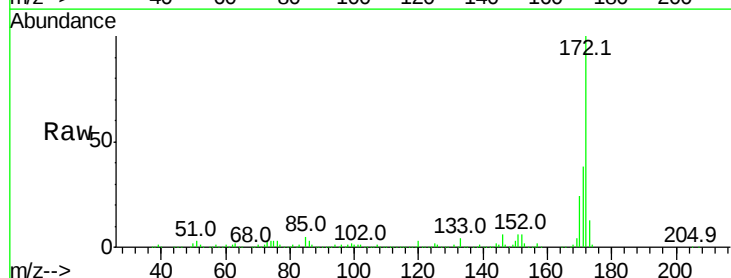


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

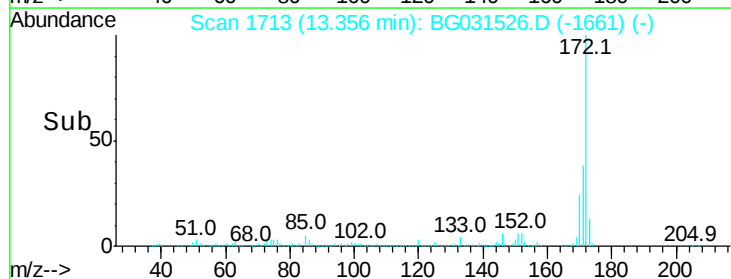
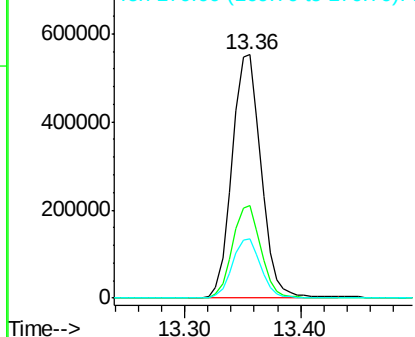


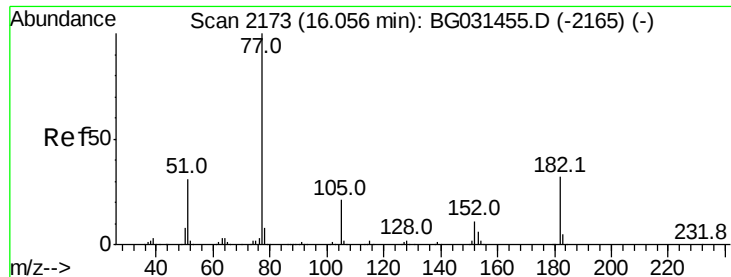
#44
 2-Fluorobiphenyl
 Concen: 89.700 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031526.D
 Acq: 13 Dec 2017 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.3	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





#62

Azobenzene

Concen: 2.793 ng

RT: 16.08 min Scan# 2176

Delta R.T. 0.02 min

Lab File: BG031526.D

Acq: 13 Dec 2017 14:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 30312

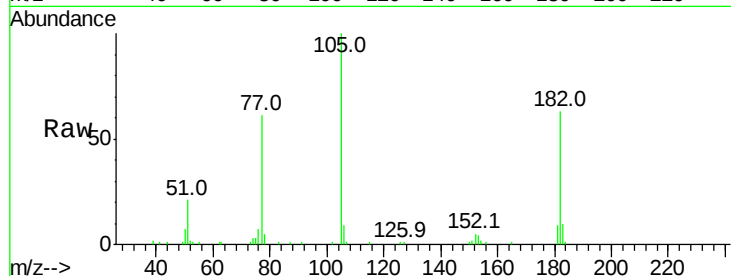
Ion Ratio Lower Upper

77 100

182 103.7 7.4 47.4#

105 163.7 0.3 40.3#

51 34.6 11.6 51.6

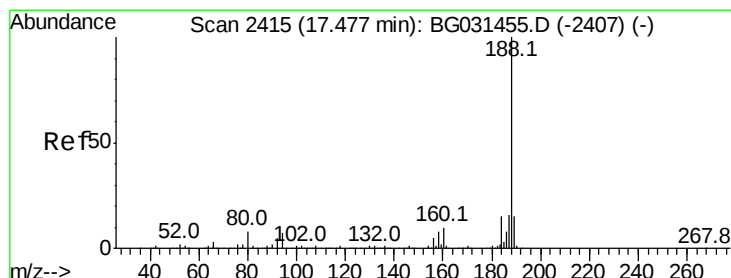
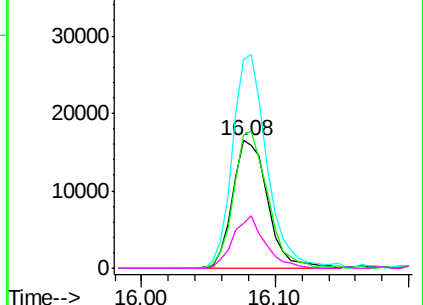
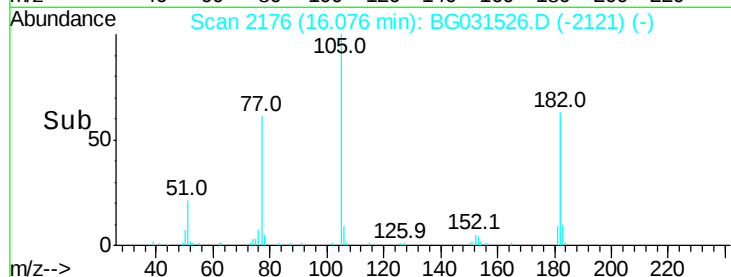


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031526.D

Acq: 13 Dec 2017 14:05

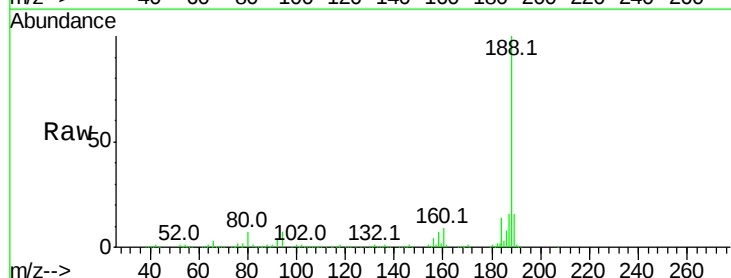
Tgt Ion: 188 Resp: 471608

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

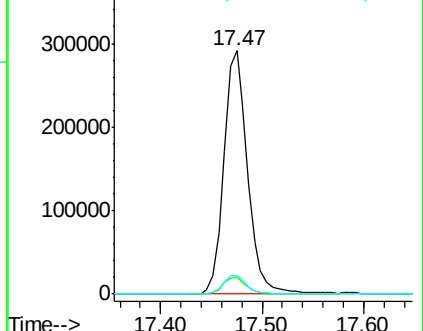
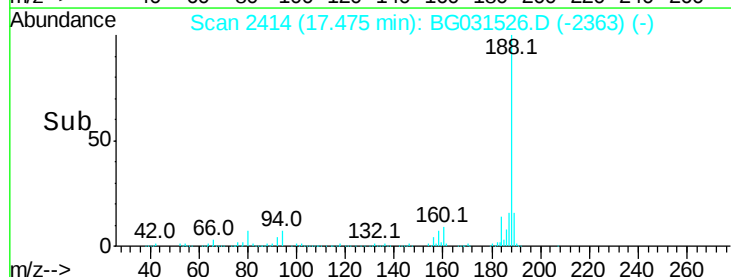
80 7.3 7.7 11.5#

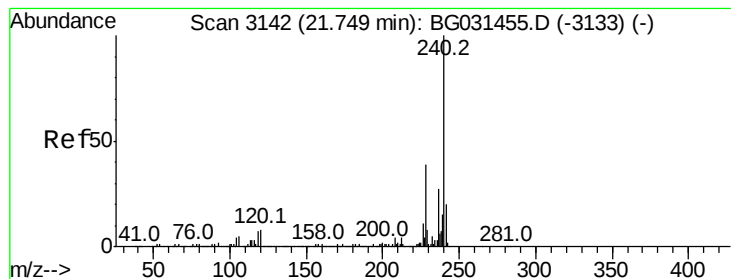


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 21.75 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG031526.D

Acq: 13 Dec 2017 14:05

Instrument :

BNA_G

ClientSampleId :

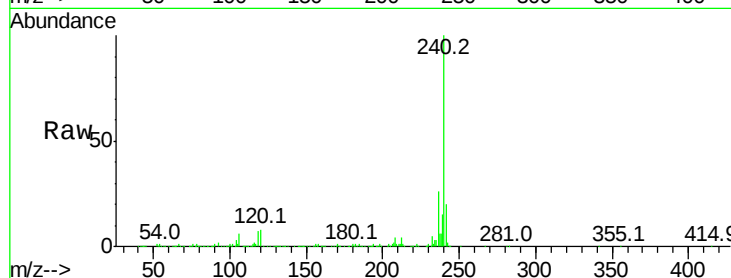
Tot Ion:240 Resp: 571873

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

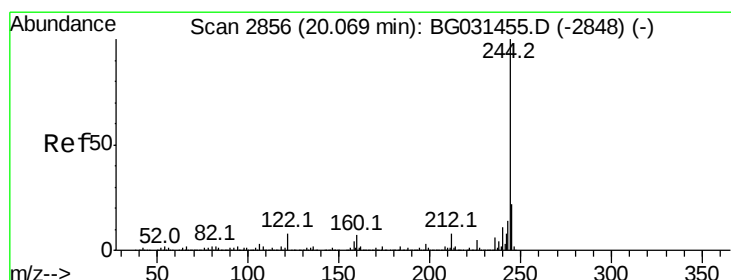
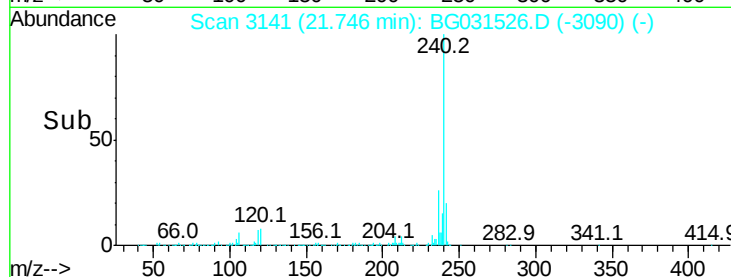
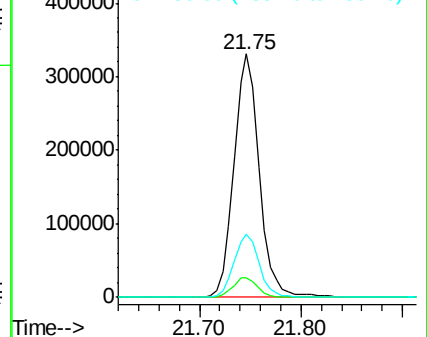
236 25.8 20.9 31.3



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: 77.464 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031526.D

Acq: 13 Dec 2017 14:05

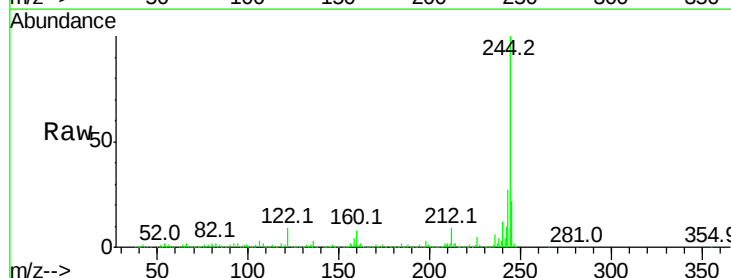
Tgt Ion:244 Resp: 1947100

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

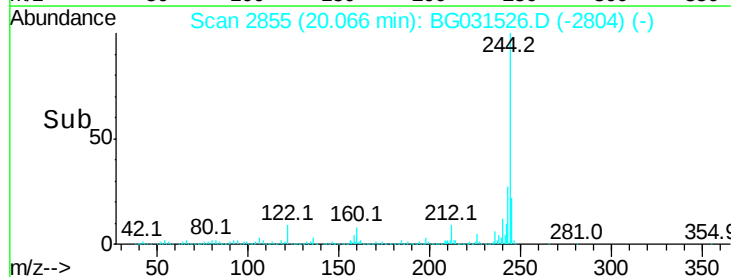
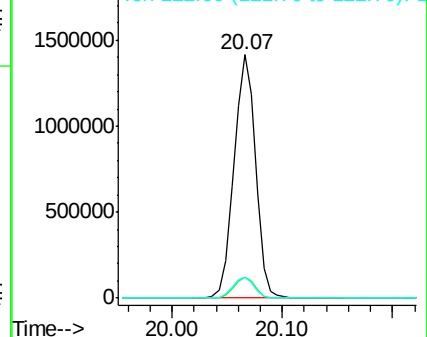
122 8.8 7.0 10.4

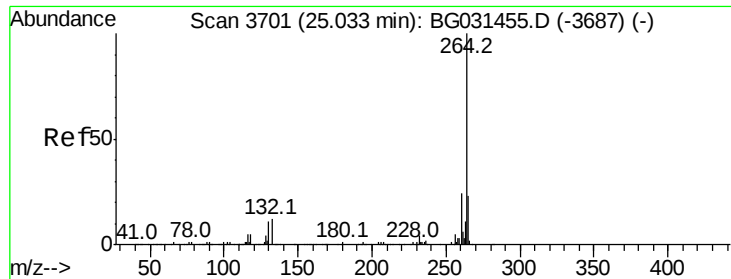


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

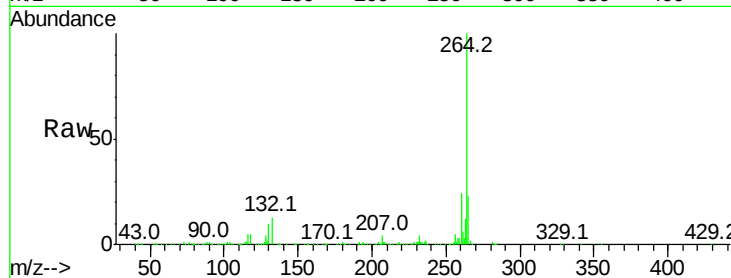




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BG031526.D
 Acq: 13 Dec 2017 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	23.3	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

