

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031505.D
 Acq On : 12 Dec 2017 23:56
 Operator : SJ/JU
 Sample : I6763-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-U-S

Quant Time: Dec 13 07:28:05 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	61738	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	264494	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	178421	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	471141	20.00	ng	0.00
75) Chrysene-d12	21.75	240	555419	20.00	ng	0.00
86) Perylene-d12	25.03	264	530735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	134247	38.54	ng	0.00
7) Phenol-d6	7.28	99	111828	23.13	ng	0.00
23) Nitrobenzene-d5	9.28	82	337980	78.76	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	201729	96.51	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1054861	86.78	ng	0.00
78) Terphenyl-d14	20.07	244	1804433	73.92	ng	0.00

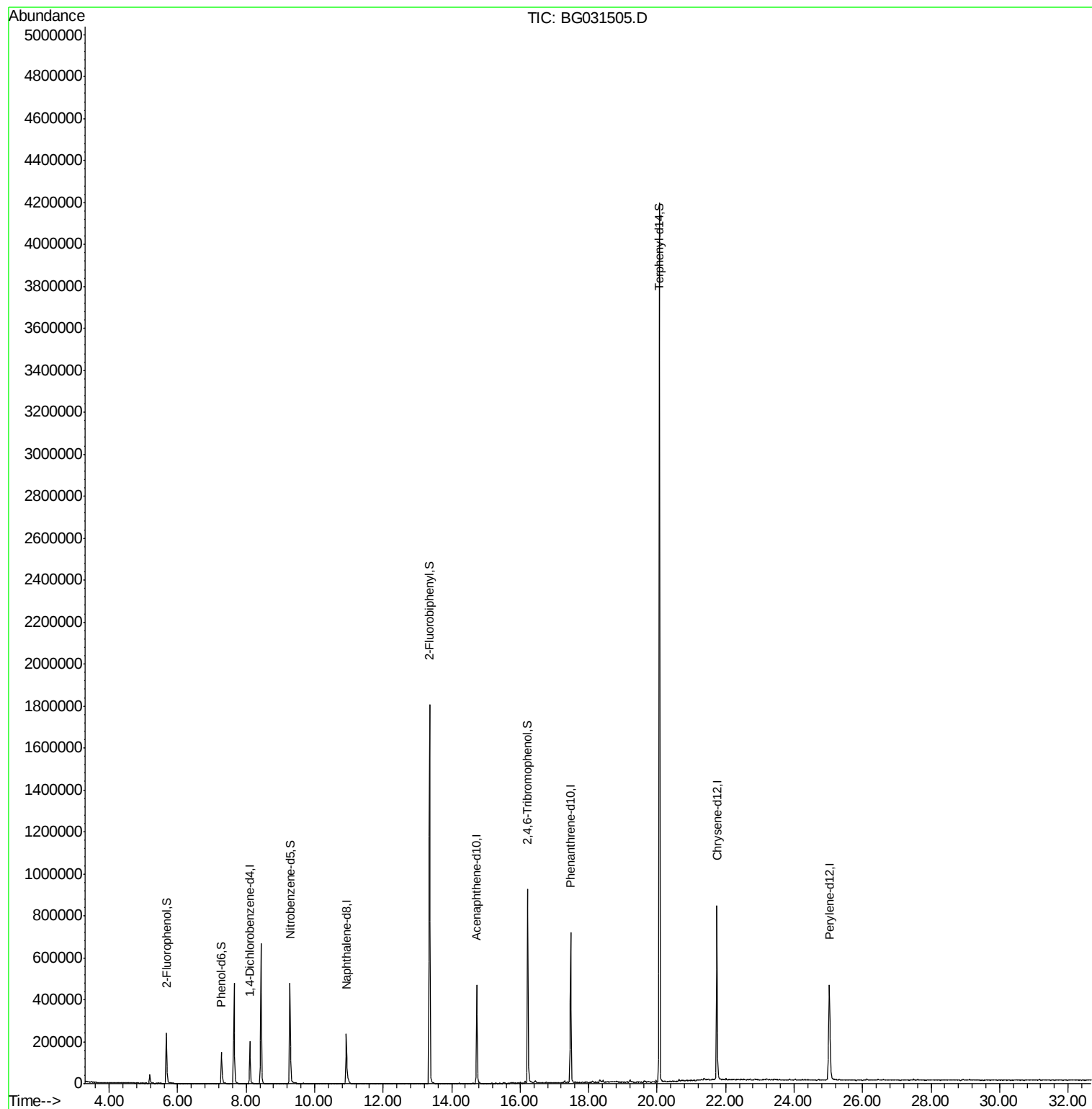
Target Compounds Qvalue

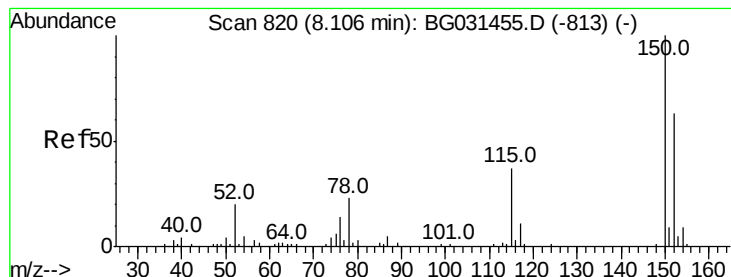
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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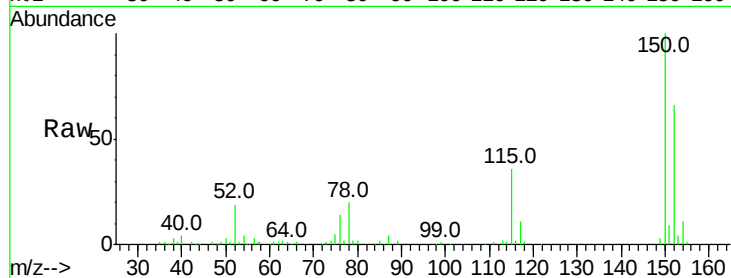


#1

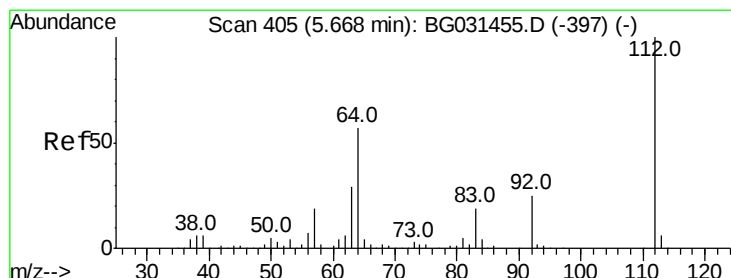
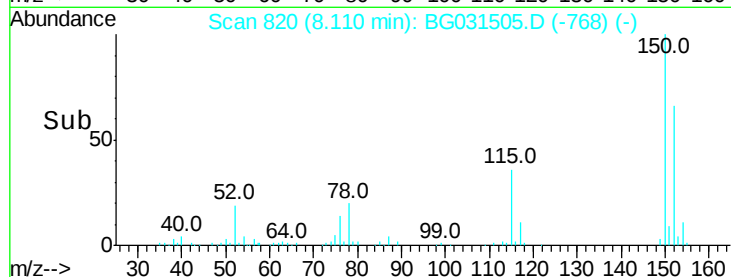
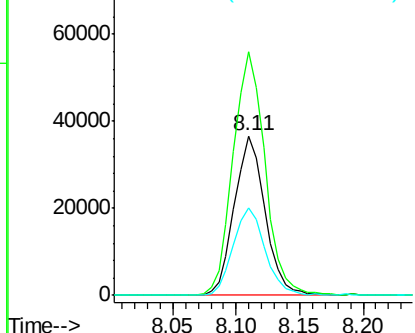
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG031505.D
 Acq: 12 Dec 2017 23:56

Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-U-S

Tot Ion:152 Resp: 61738
 Ion Ratio Lower Upper
 152 100
 150 152.5 126.6 189.8
 115 54.6 53.0 79.4



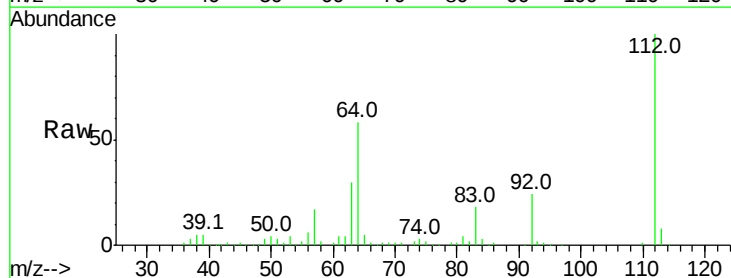
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



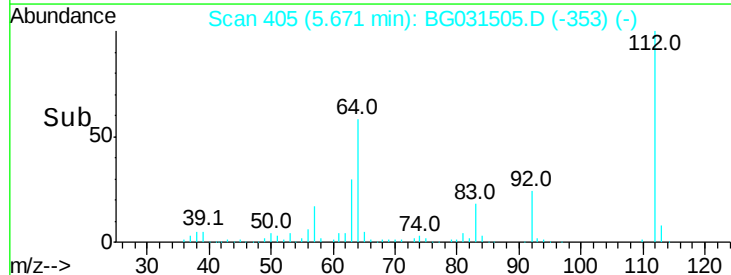
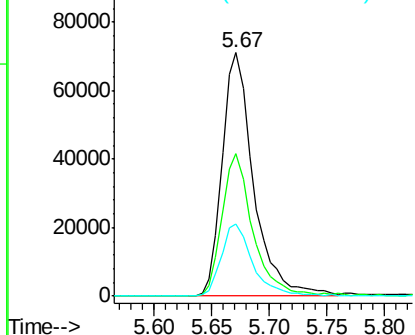
#5

2-Fluorophenol
 Concen: 38.543 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031505.D
 Acq: 12 Dec 2017 23:56

Tgt Ion:112 Resp: 134247
 Ion Ratio Lower Upper
 112 100
 64 58.5 56.3 84.5
 63 29.6 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: 23.127 ng

RT: 7.28 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG031505.D

Acq: 12 Dec 2017 23:56

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-U-S

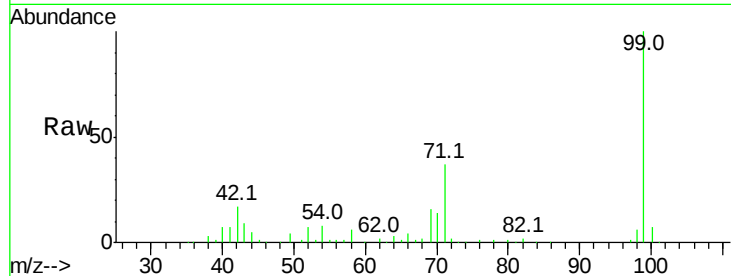
Tot Ion: 99 Resp: 111828

Ion Ratio Lower Upper

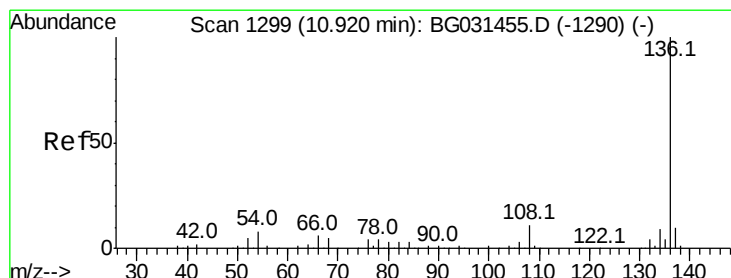
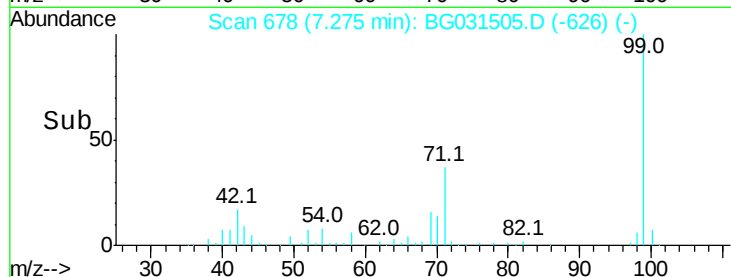
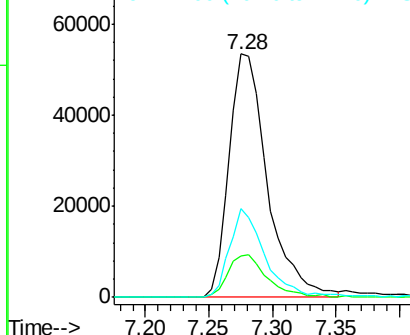
99 100

42 16.9 14.1 21.1

71 36.5 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: BG031505.D

Acq: 12 Dec 2017 23:56

Tgt Ion: 136 Resp: 264494

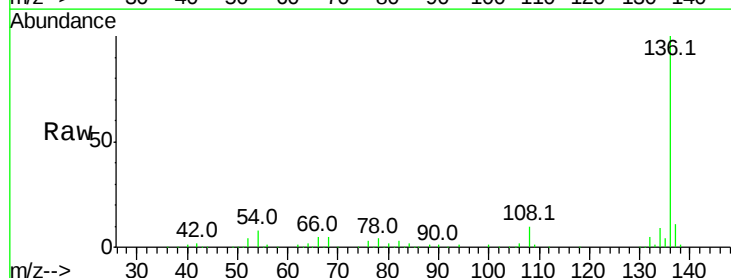
Ion Ratio Lower Upper

136 100

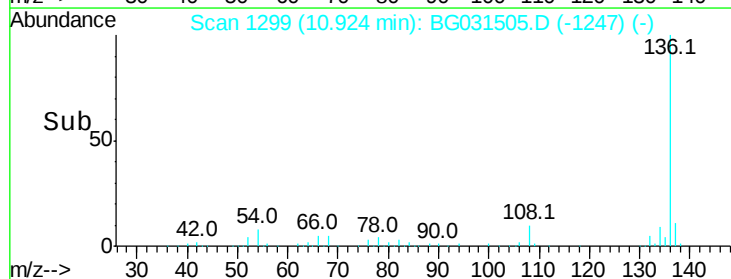
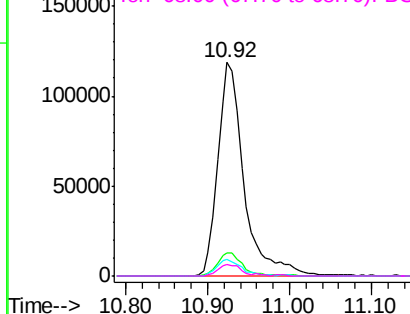
137 11.1 9.2 13.8

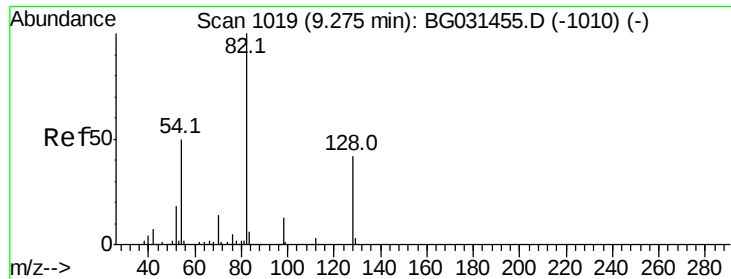
54 7.8 10.3 15.5#

68 5.2 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

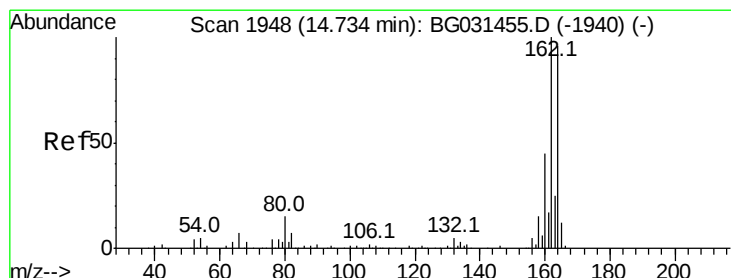
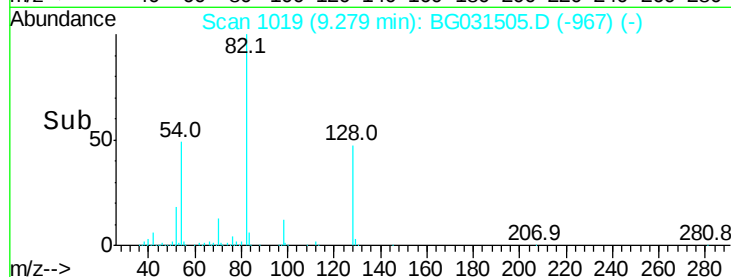
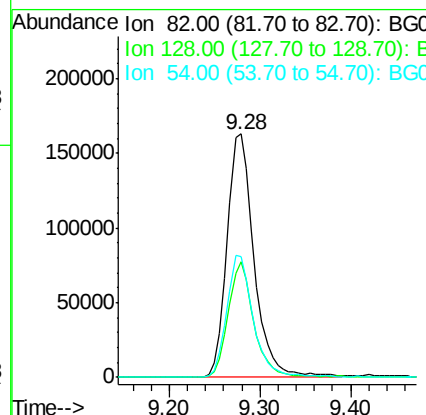
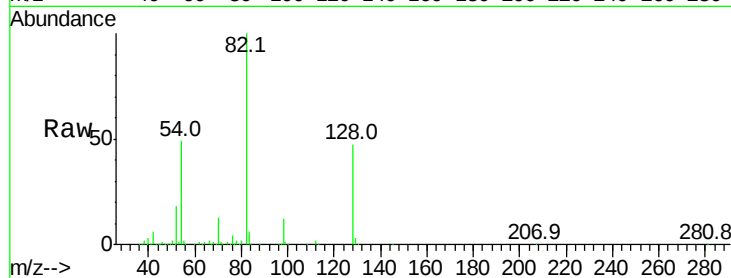




#23
 Nitrobenzene-d5
 Concen: 78.762 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031505.D
 Acq: 12 Dec 2017 23:56

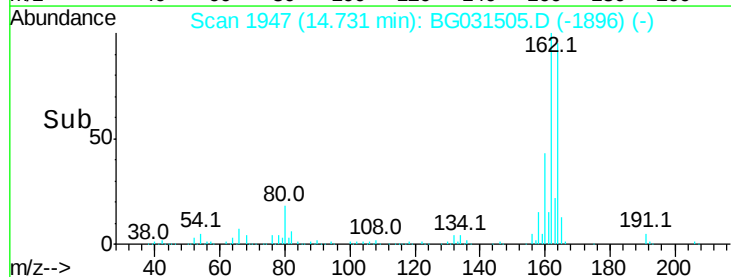
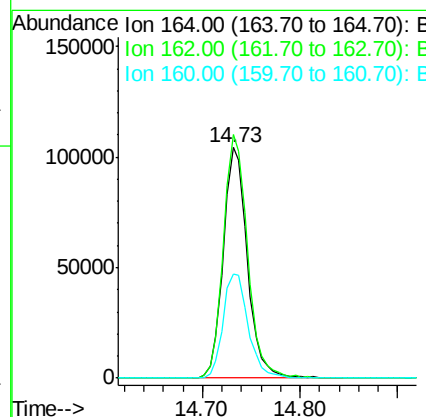
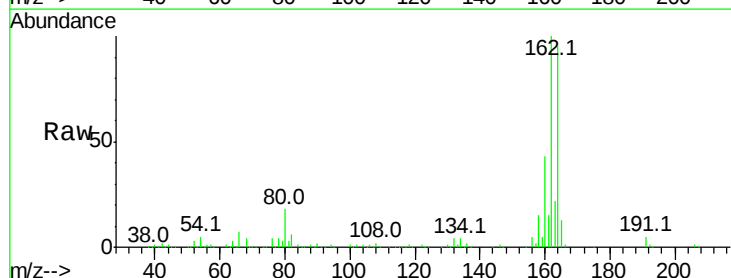
Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-U-S

Tot Ion	82	Resp	337980
Ion	Ratio	Lower	Upper
82	100		
128	47.3	29.7	44.5#
54	49.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BG031505.D
 Acq: 12 Dec 2017 23:56

Tgt Ion	164	Resp	178421
Ion	Ratio	Lower	Upper
164	100		
162	105.7	78.8	118.2
160	45.4	35.4	53.0

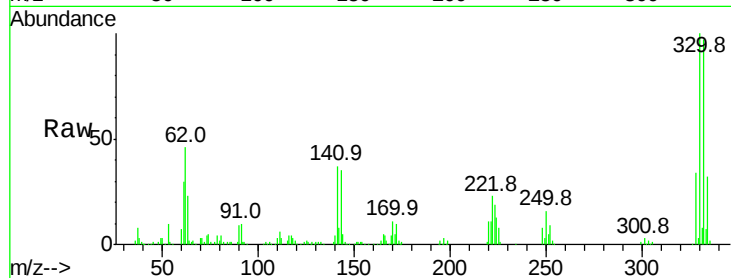




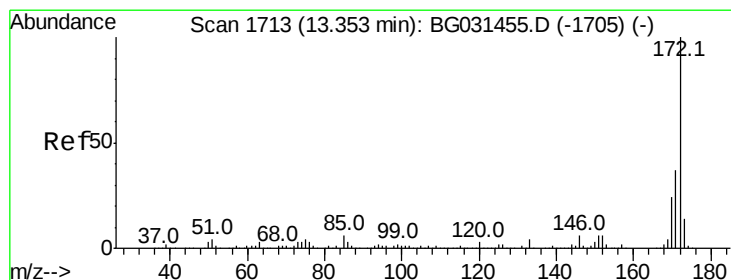
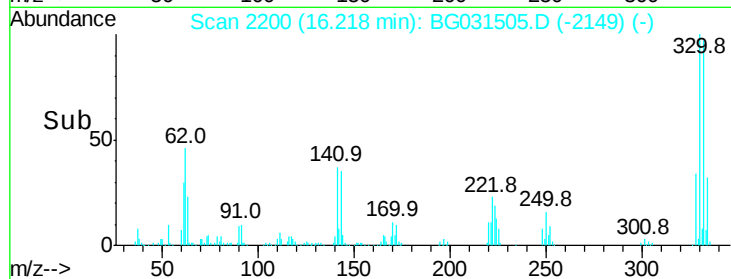
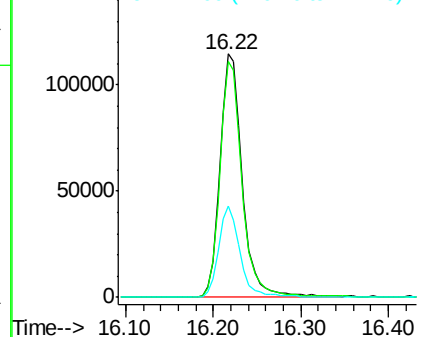
#41
 2,4,6-Tribromophenol
 Concen: 96.508 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031505.D
 Acq: 12 Dec 2017 23:56

Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.9	25.2	37.8

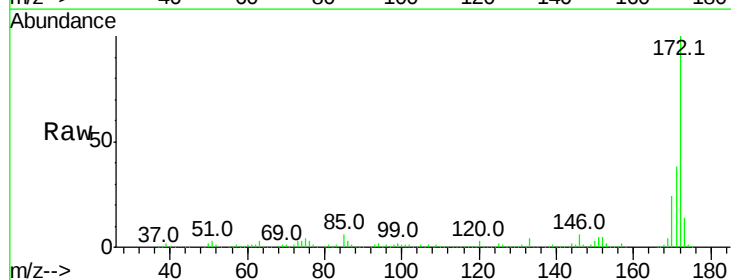


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

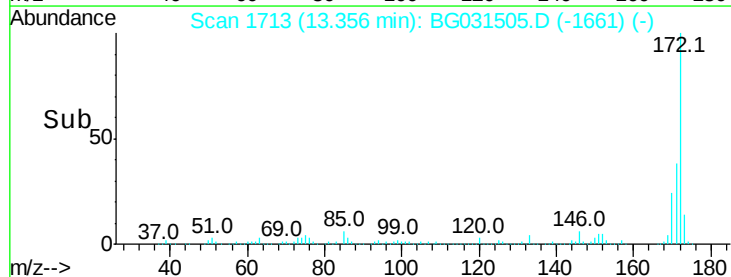
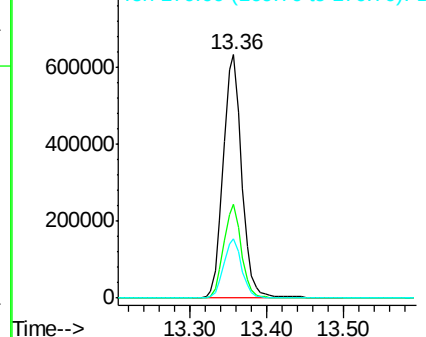


#44
 2-Fluorobiphenyl
 Concen: 86.783 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031505.D
 Acq: 12 Dec 2017 23:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	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: 17.48 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031505.D

Acq: 12 Dec 2017 23:56

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-U-S

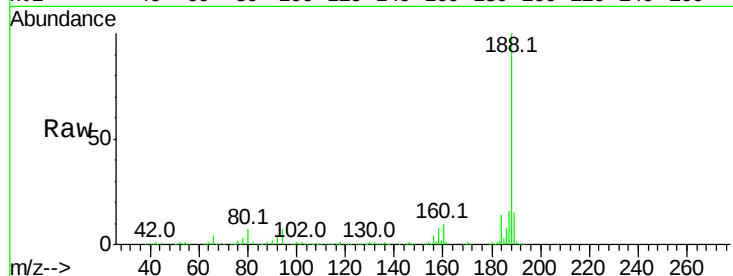
Tot Ion:188 Resp: 471141

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

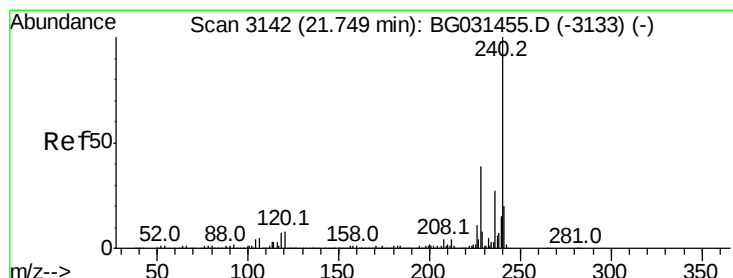
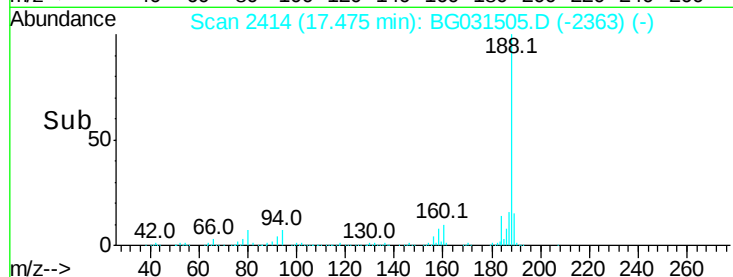
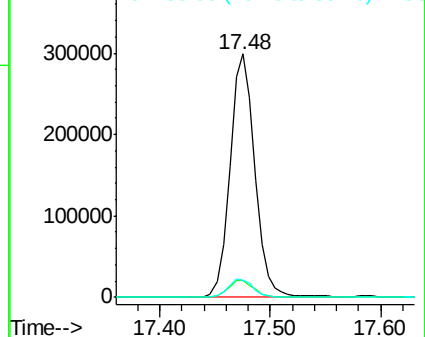
80 7.2 7.7 11.5#



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: 21.75 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG031505.D

Acq: 12 Dec 2017 23:56

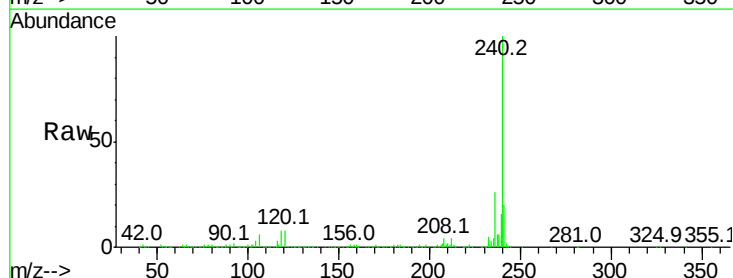
Tgt Ion:240 Resp: 555419

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

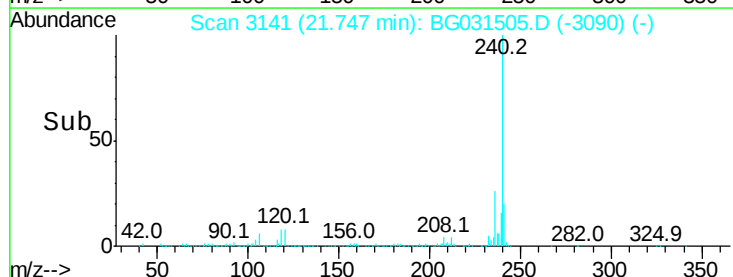
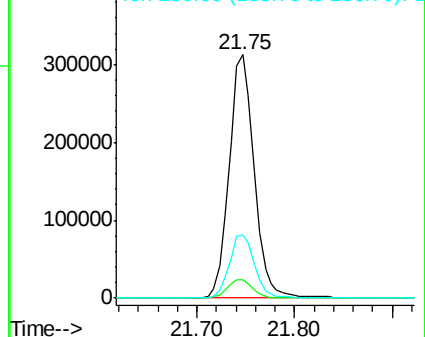
236 26.1 20.9 31.3

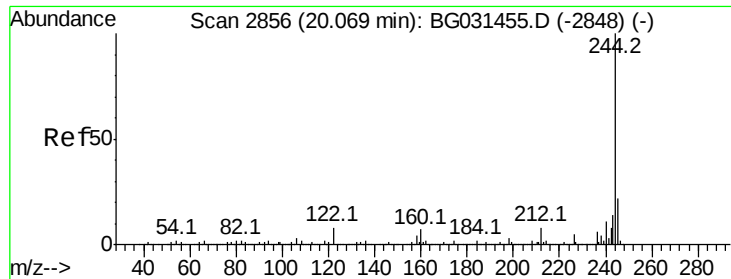


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.915 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031505.D

Acq: 12 Dec 2017 23:56

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-U-S

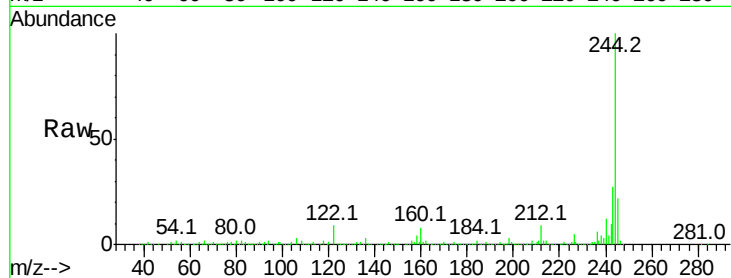
Tot Ion:244 Resp: 1804433

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

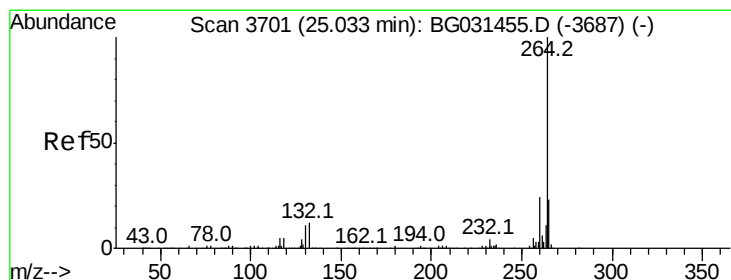
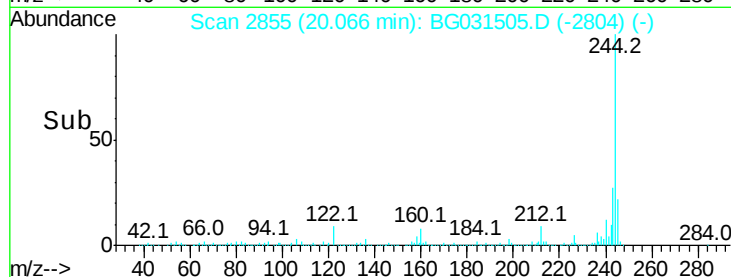
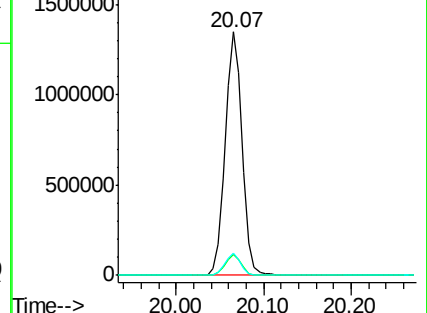
122 8.9 7.0 10.4



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# 3699

Delta R.T. -0.01 min

Lab File: BG031505.D

Acq: 12 Dec 2017 23:56

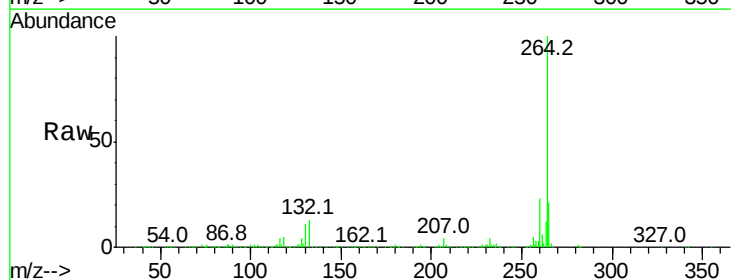
Tgt Ion:264 Resp: 530735

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.4 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

