

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031318.D
 Acq On : 1 Dec 2017 15:16
 Operator : SJ/JU
 Sample : PB104639BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104639BL

Quant Time: Dec 02 01:56:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	63975	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	251133	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	175504	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	486413	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	579700	20.00	ng	-0.02
86) Perylene-d12	25.06	264	560971	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	455931	122.21	ng	-0.02
7) Phenol-d6	7.30	99	575059	114.41	ng	-0.01
23) Nitrobenzene-d5	9.30	82	328191	77.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	272543	96.00	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	980367	80.26	ng	-0.03
78) Terphenyl-d14	20.08	244	1953034	74.39	ng	-0.02

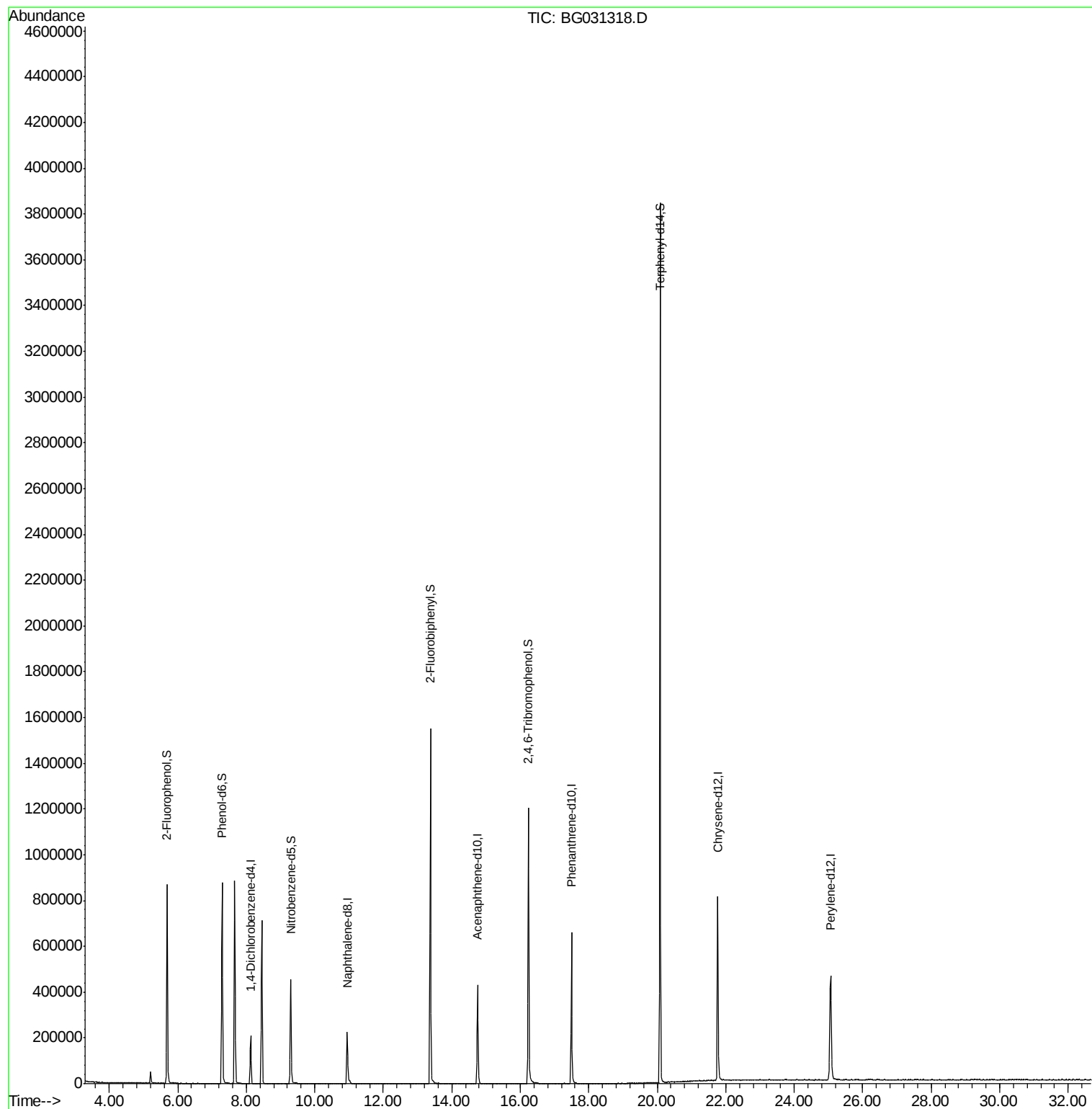
Target Compounds Qvalue

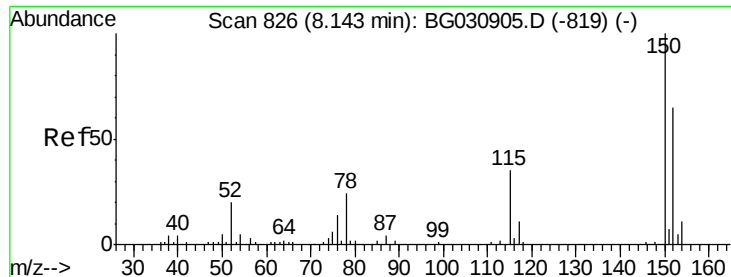
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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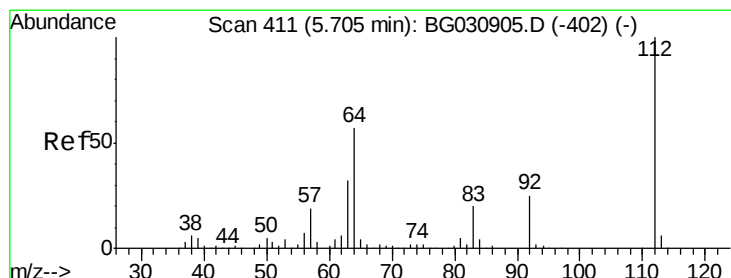
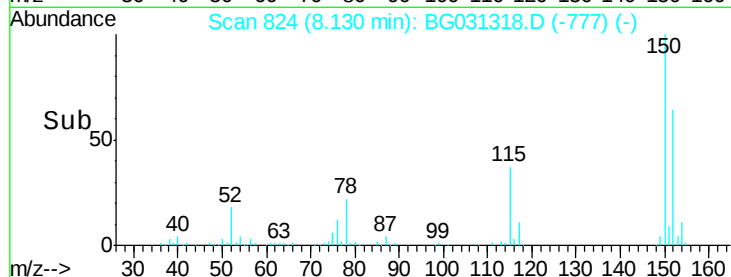
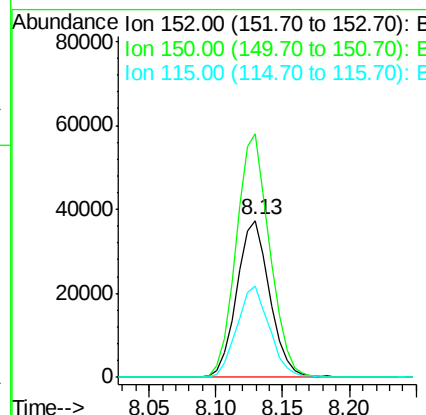
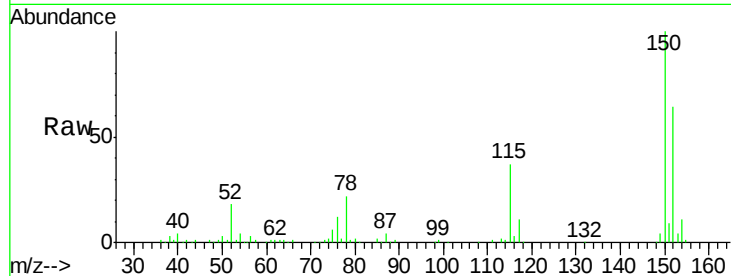


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031318.D
Acq: 1 Dec 2017 15:16

Instrument :
BNA_G
ClientSampleId :
PB104639BL

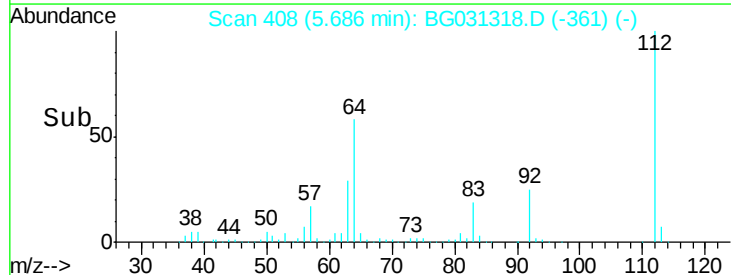
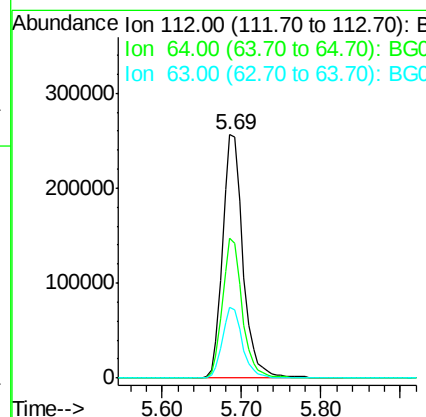
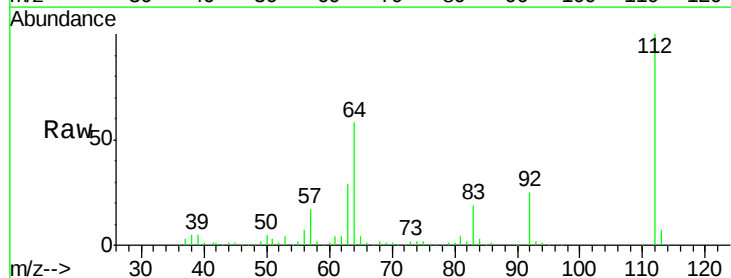
Tot Ion:152 Resp: 63975
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 57.9 53.0 79.4

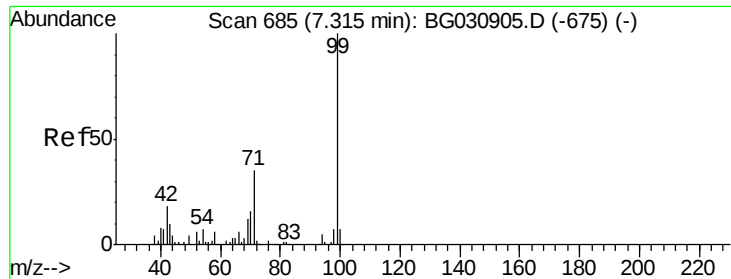


#5

2-Fluorophenol
Concen: 122.21 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031318.D
Acq: 1 Dec 2017 15:16

Tgt Ion:112 Resp: 455931
Ion Ratio Lower Upper
112 100
64 57.5 56.3 84.5
63 29.1 30.1 45.1#





#7

Phenol-d6

Concen: 114.41 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031318.D

Acq: 1 Dec 2017 15:16

Instrument :

BNA_G

ClientSampleId :

PB104639BL

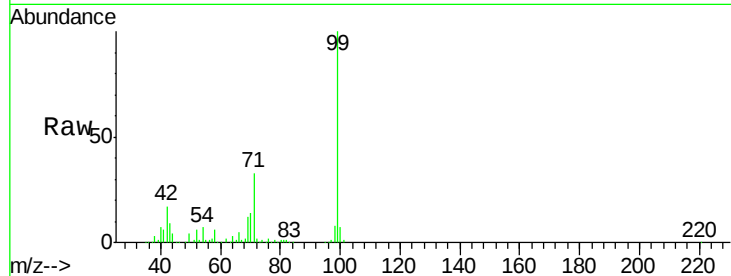
Tot Ion: 99 Resp: 575059

Ion Ratio Lower Upper

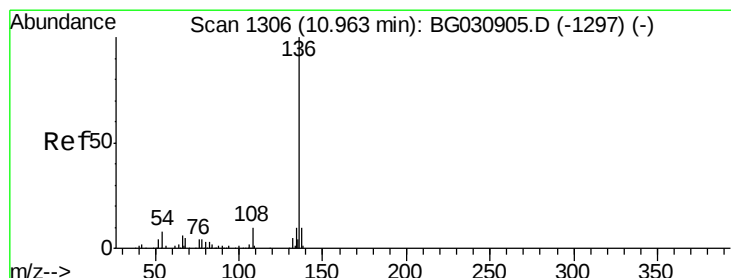
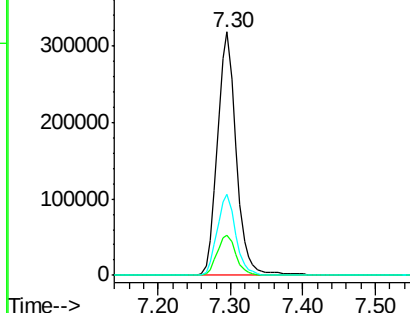
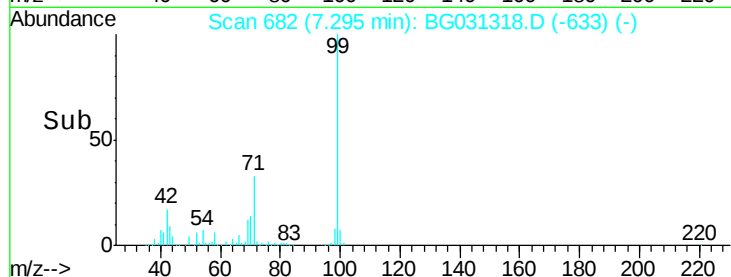
99 100

42 16.7 14.1 21.1

71 33.3 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: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031318.D

Acq: 1 Dec 2017 15:16

Tgt Ion: 136 Resp: 251133

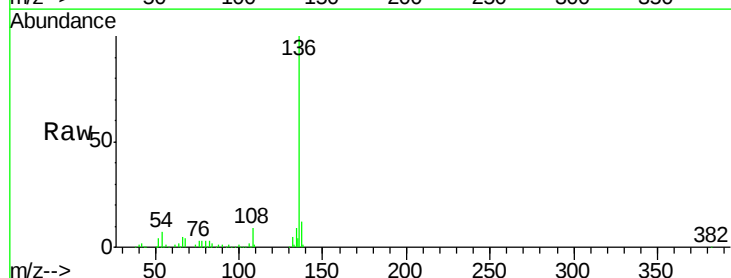
Ion Ratio Lower Upper

136 100

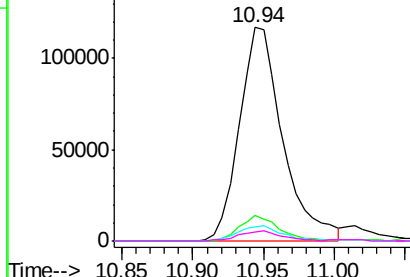
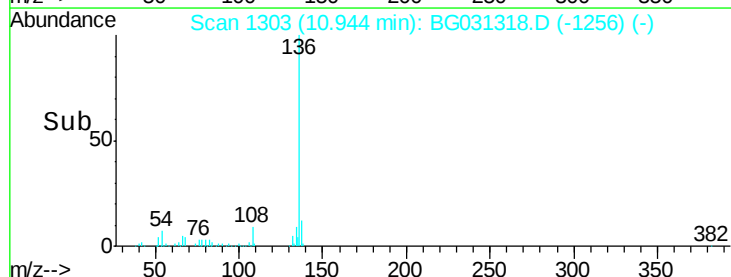
137 11.7 9.2 13.8

54 6.7 10.3 15.5#

68 4.5 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

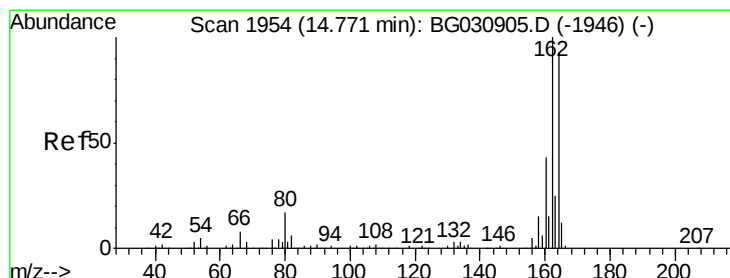
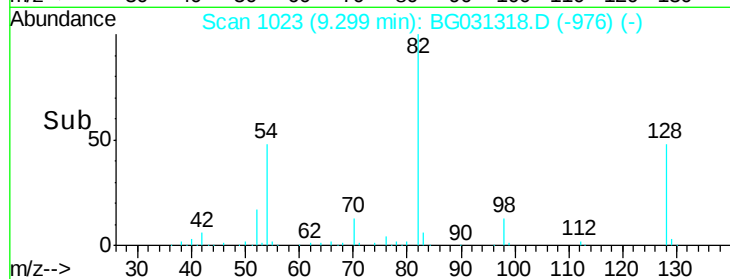
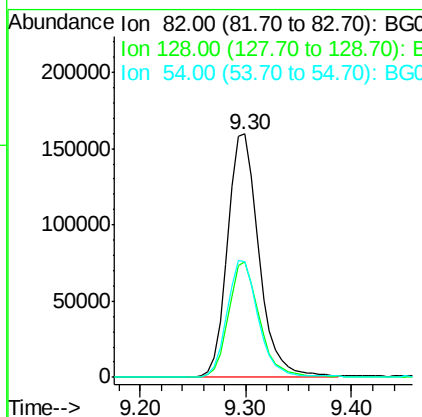
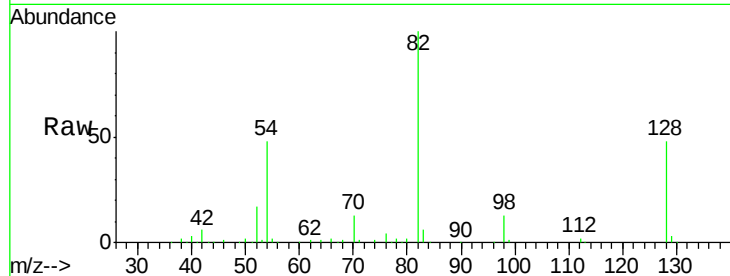




#23
Nitrobenzene-d5
Concen: 77.44 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031318.D
Acq: 1 Dec 2017 15:16

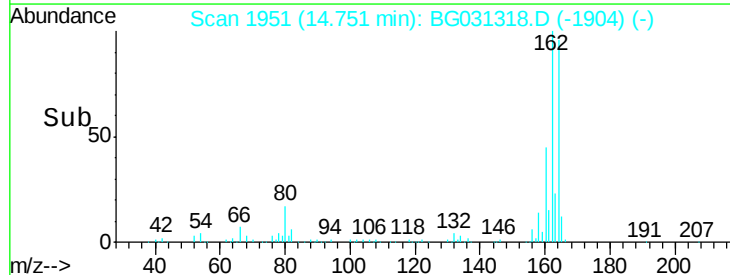
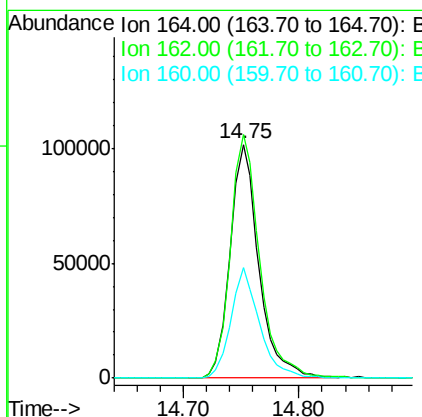
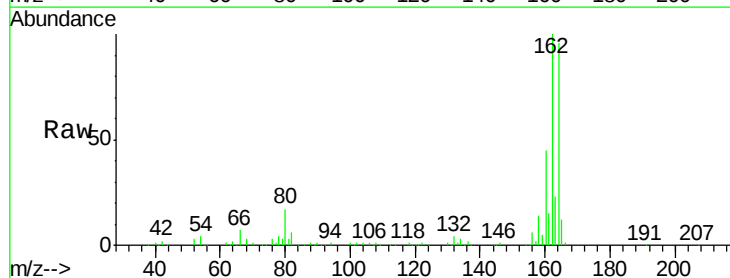
Instrument :
BNA_G
ClientSampleId :
PB104639BL

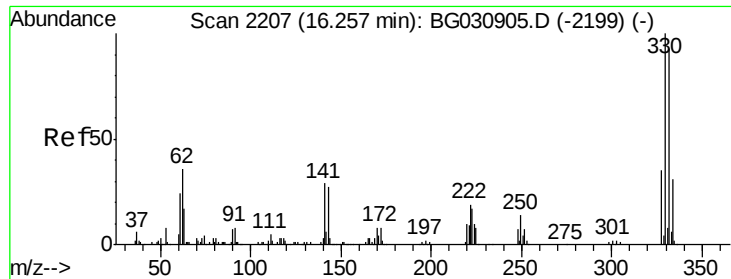
Tot Ion: 82 Resp: 328191
Ion Ratio Lower Upper
82 100
128 47.6 29.7 44.5#
54 47.5 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031318.D
Acq: 1 Dec 2017 15:16

Tgt Ion:164 Resp: 175504
Ion Ratio Lower Upper
164 100
162 104.1 78.8 118.2
160 47.2 35.4 53.0

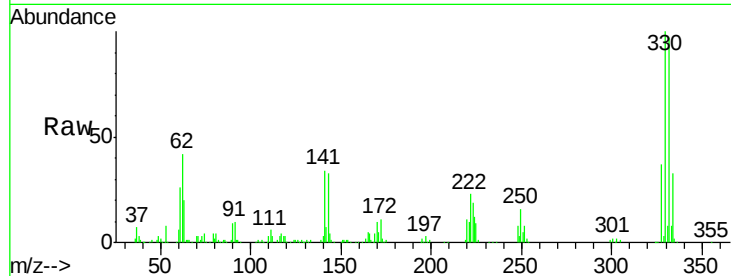




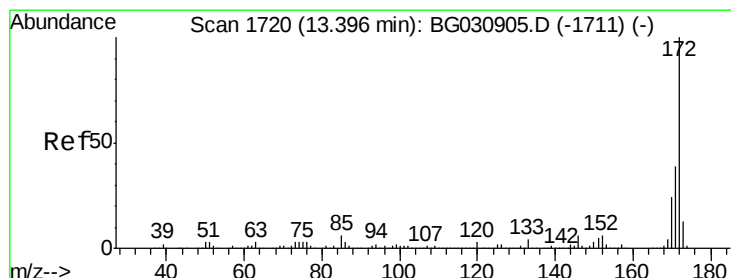
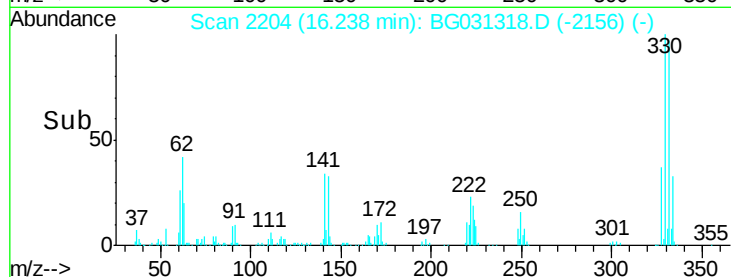
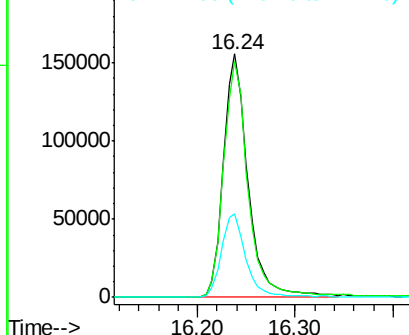
#41
 2,4,6-Tribromophenol
 Concen: 96.00 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031318.D
 Acq: 1 Dec 2017 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB104639BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	34.8	25.2	37.8

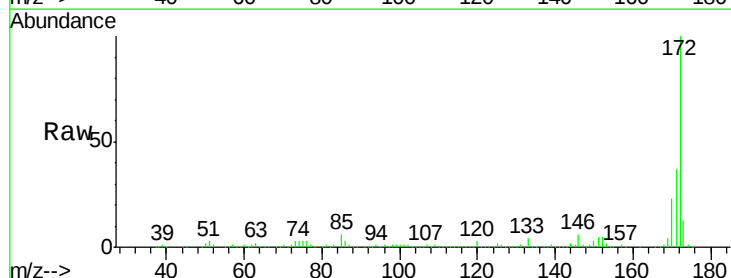


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

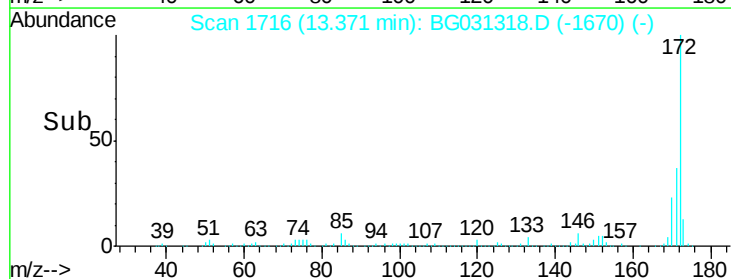
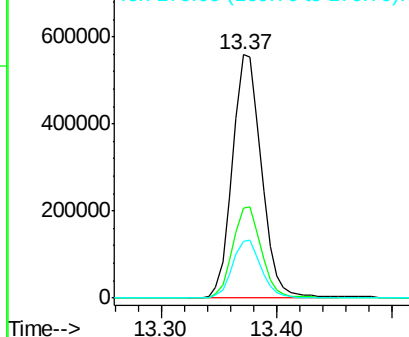


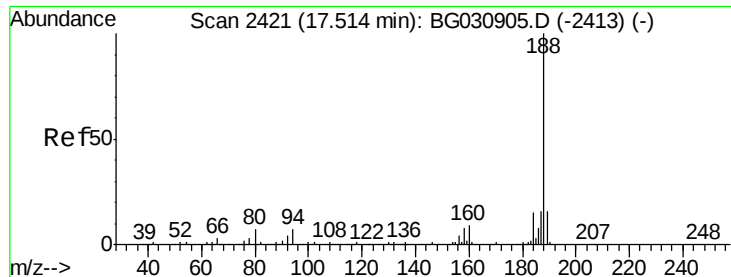
#44
 2-Fluorobiphenyl
 Concen: 80.26 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031318.D
 Acq: 1 Dec 2017 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	23.1	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

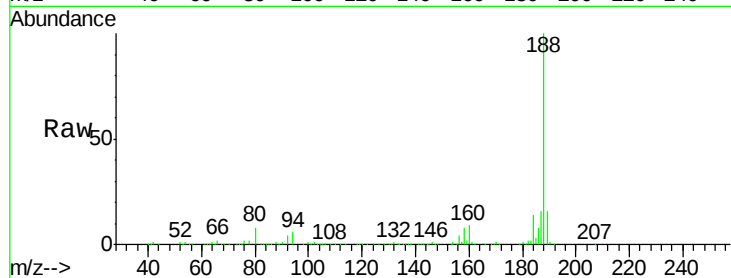




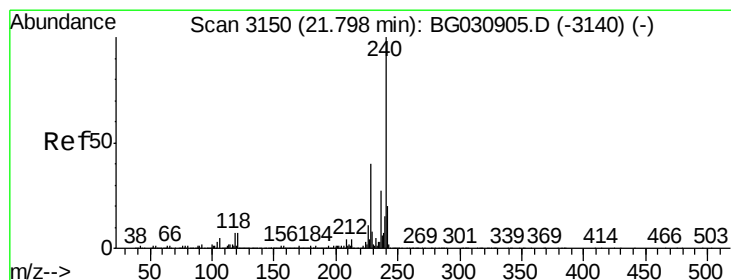
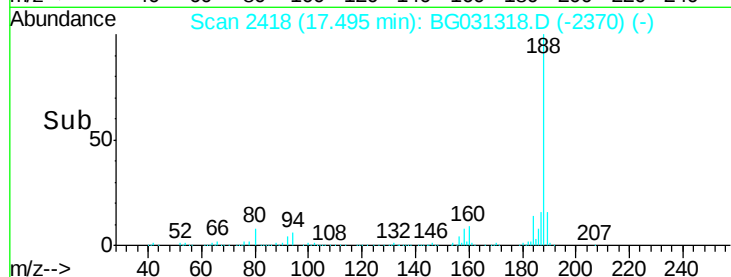
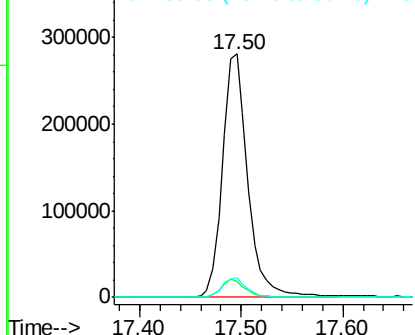
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031318.D
Acq: 1 Dec 2017 15:16

Instrument :
BNA_G
ClientSampleId :
PB104639BL

Tot Ion:188 Resp: 486413
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.9 7.7 11.5

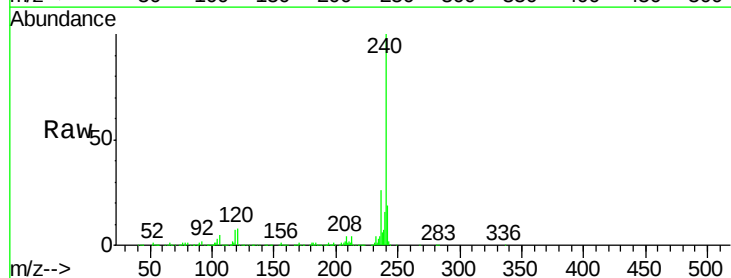


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

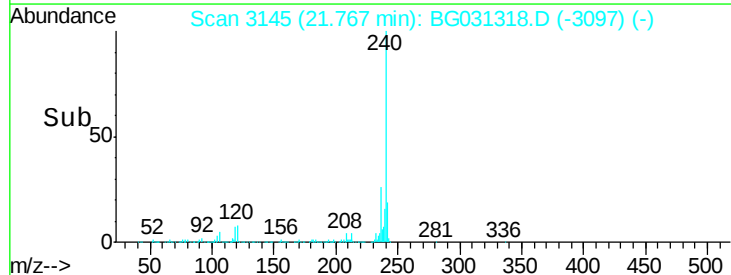
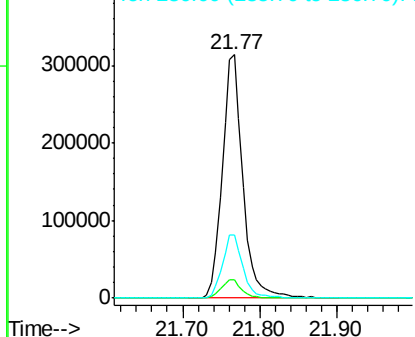


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031318.D
Acq: 1 Dec 2017 15:16

Tgt Ion:240 Resp: 579700
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 25.9 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: 74.39 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031318.D

Acq: 1 Dec 2017 15:16

Instrument :

BNA_G

ClientSampleId :

PB104639BL

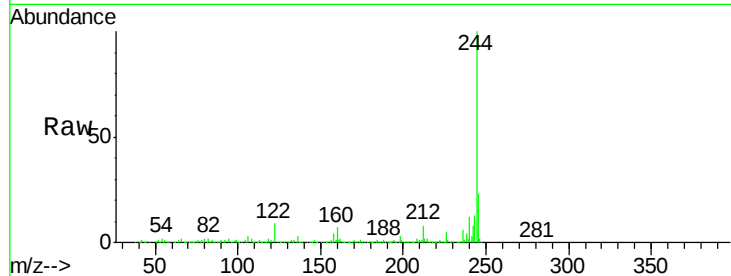
Tot Ion:244 Resp: 1953034

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

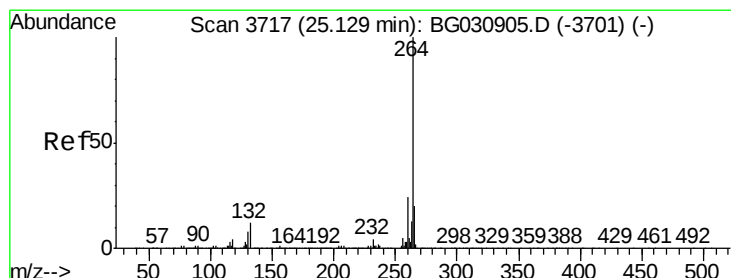
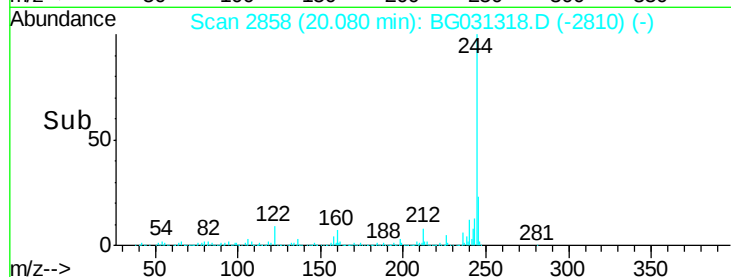
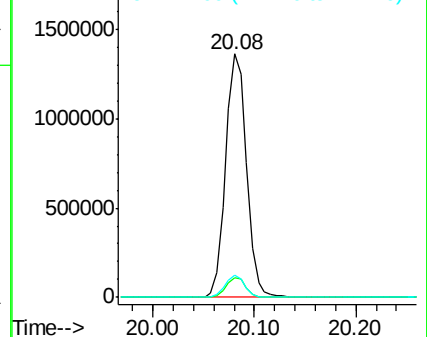
122 9.0 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031318.D

Acq: 1 Dec 2017 15:16

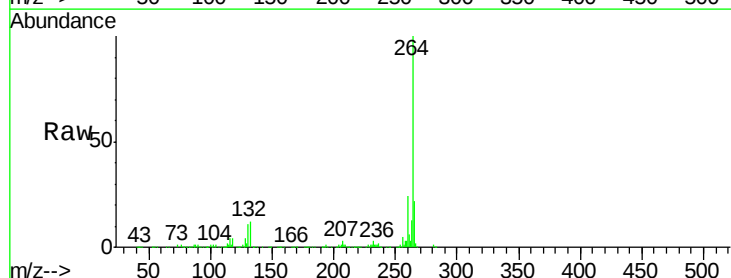
Tgt Ion:264 Resp: 560971

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.2 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

