

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031373.D
 Acq On : 6 Dec 2017 16:28
 Operator : SJ/JU
 Sample : PB104763TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104763TB

Quant Time: Dec 06 18:18:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53715	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	234661	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	154571	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	417252	20.00	ng	0.00
75) Chrysene-d12	21.77	240	514313	20.00	ng	0.00
86) Perylene-d12	25.06	264	472900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	447812	142.96	ng	0.00
7) Phenol-d6	7.30	99	567505	134.47	ng	0.00
23) Nitrobenzene-d5	9.29	82	333240	84.15	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	245838	98.32	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	957652	89.02	ng	0.00
78) Terphenyl-d14	20.08	244	1902939	81.70	ng	0.00

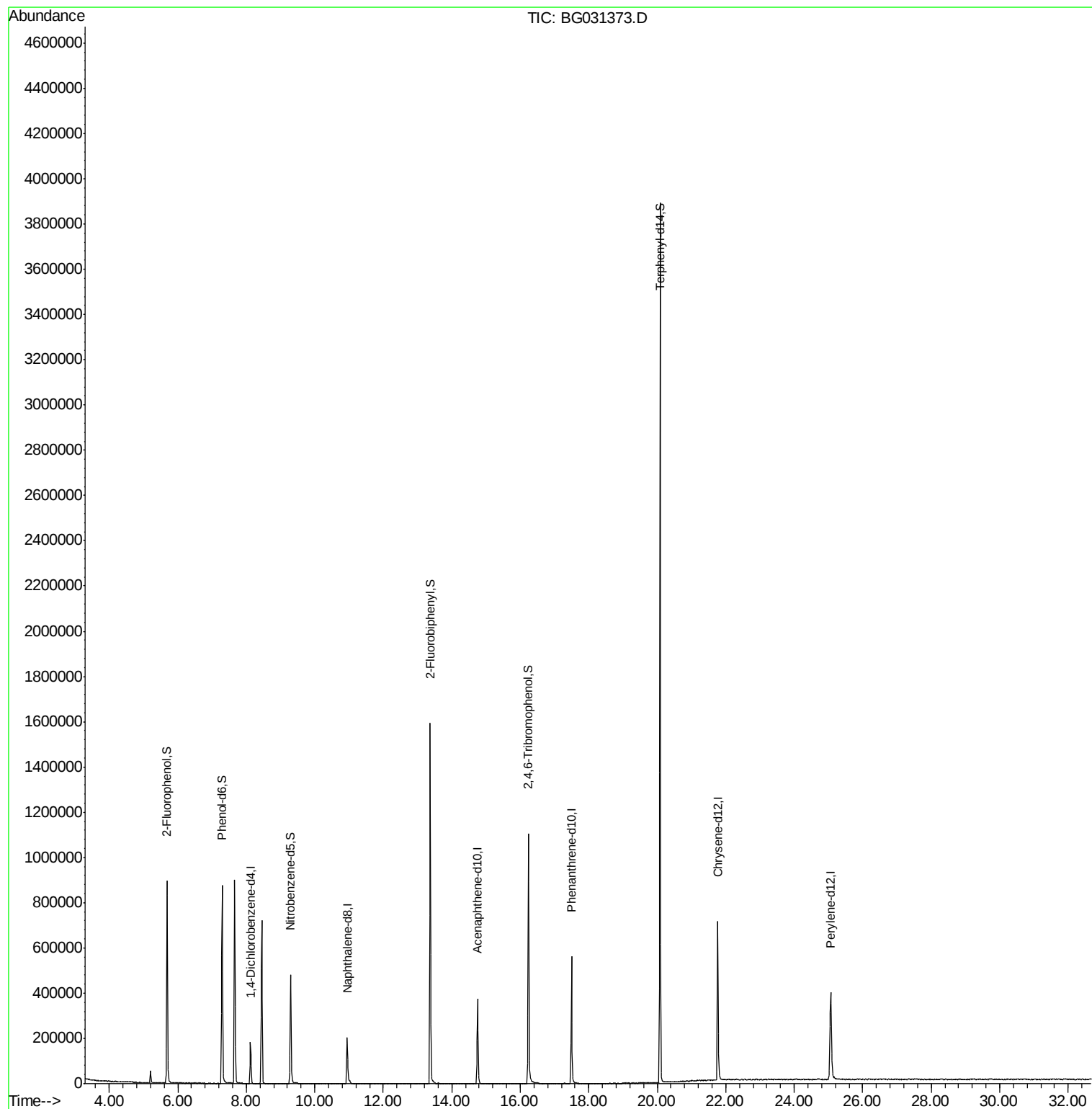
Target Compounds Qvalue

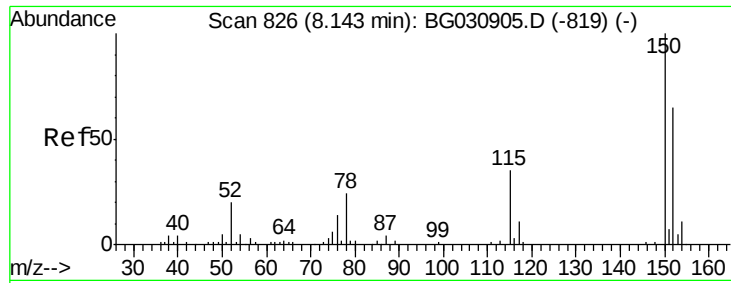
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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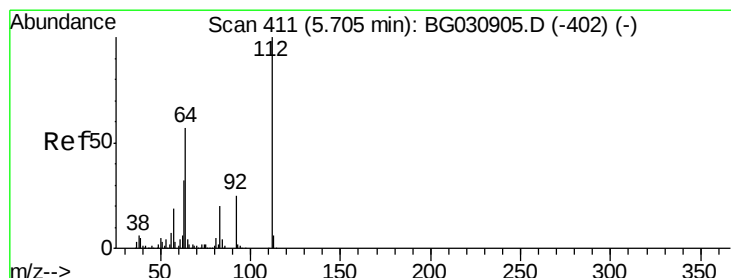
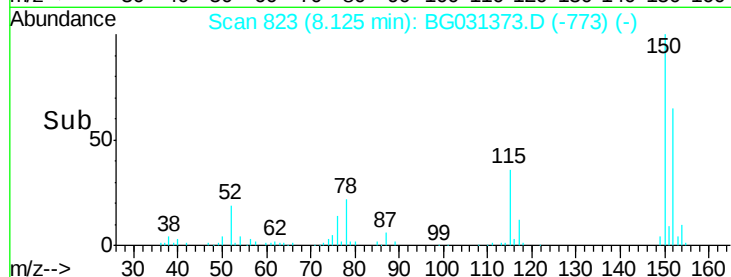
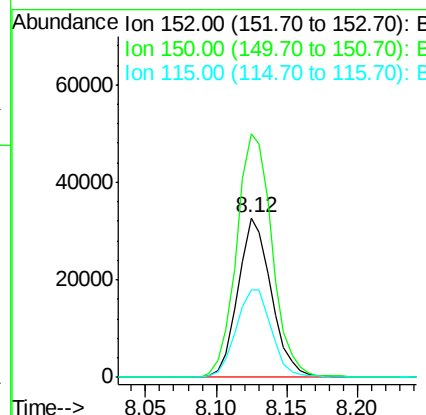
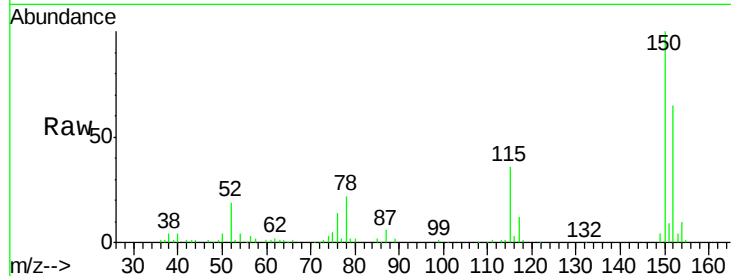


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031373.D
Acq: 6 Dec 2017 16:28

Instrument :
BNA_G
ClientSampleId :
PB104763TB

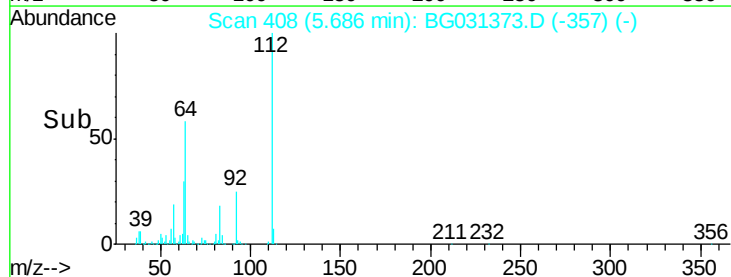
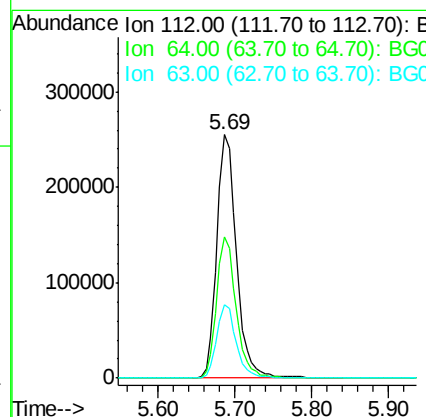
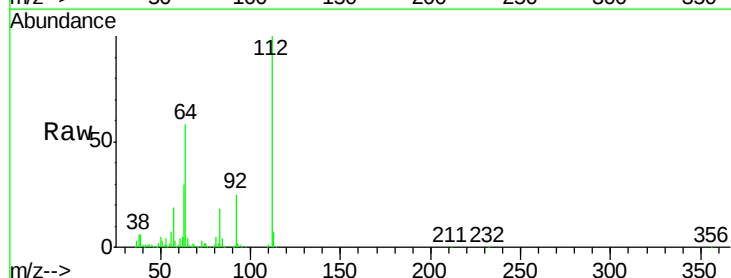
Tot Ion:152 Resp: 53715
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 54.7 53.0 79.4

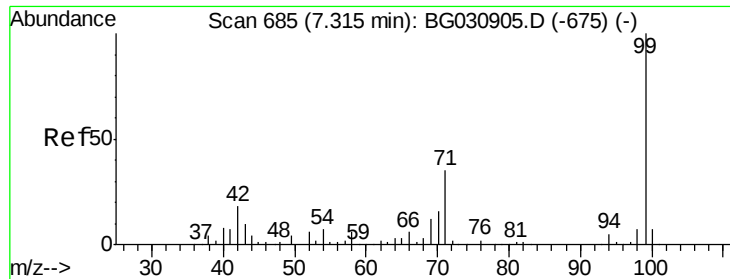


#5

2-Fluorophenol
Concen: 142.956 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031373.D
Acq: 6 Dec 2017 16:28

Tgt Ion:112 Resp: 447812
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 30.4 30.1 45.1





#7

Phenol-d6

Concen: 134.474 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031373.D

Acq: 6 Dec 2017 16:28

Instrument :

BNA_G

ClientSampleId :

PB104763TB

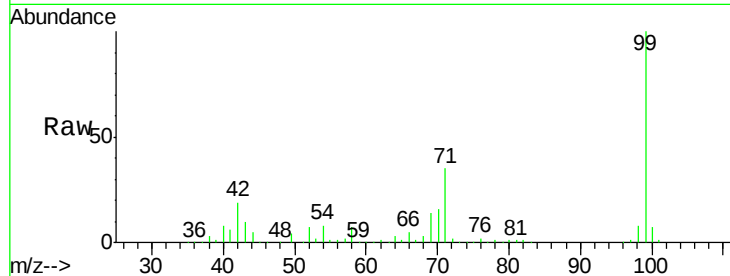
Tot Ion: 99 Resp: 567505

Ion Ratio Lower Upper

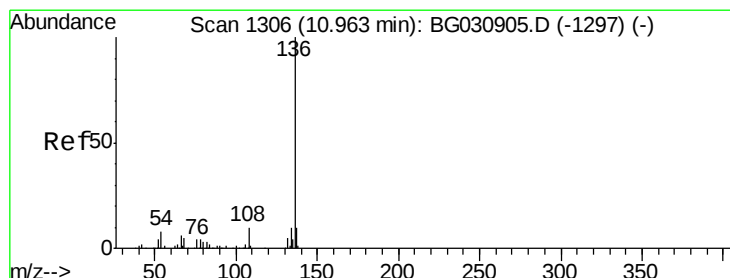
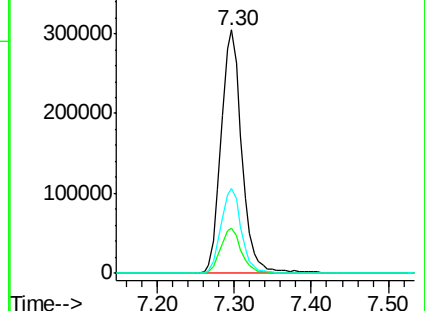
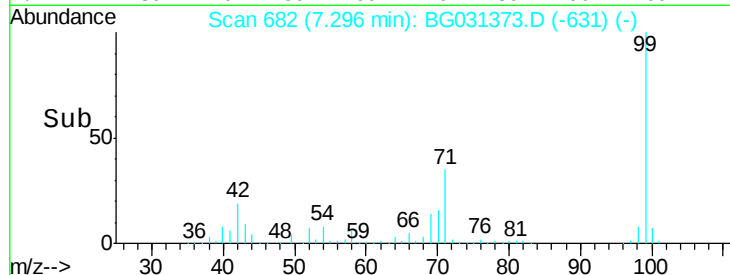
99 100

42 18.8 14.1 21.1

71 34.9 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: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031373.D

Acq: 6 Dec 2017 16:28

Tgt Ion: 136 Resp: 234661

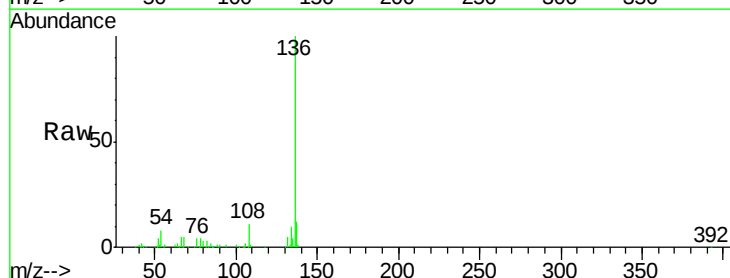
Ion Ratio Lower Upper

136 100

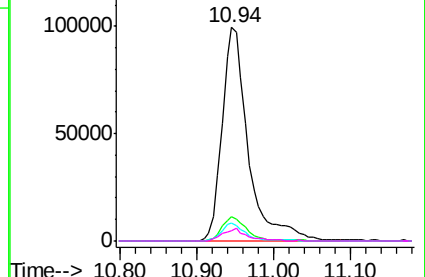
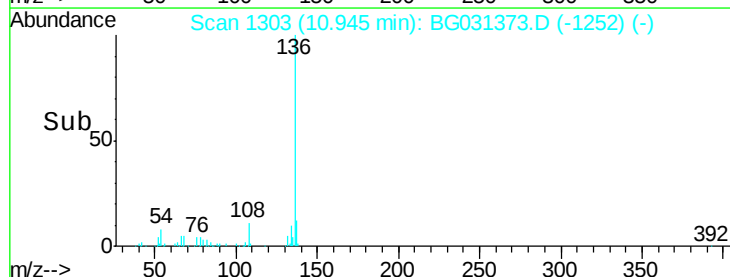
137 11.6 9.2 13.8

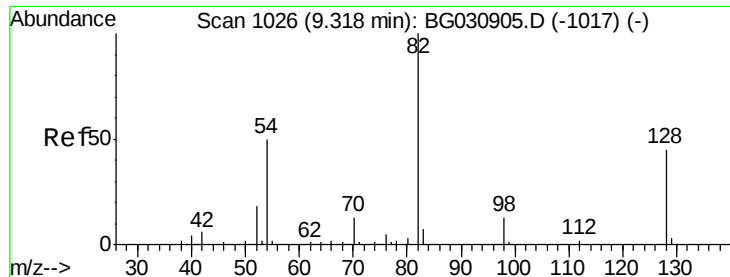
54 8.2 10.3 15.5#

68 4.8 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

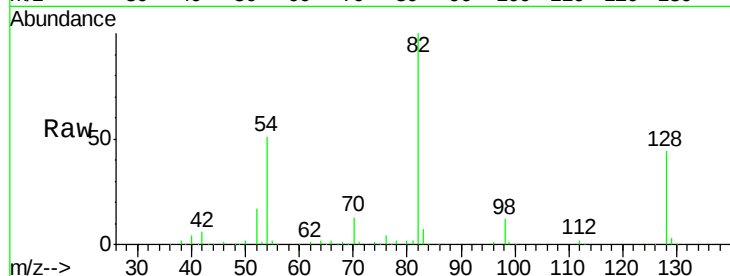




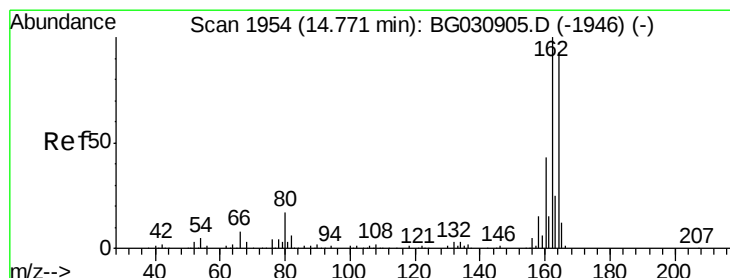
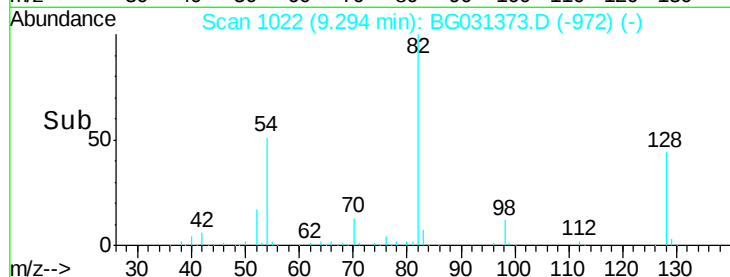
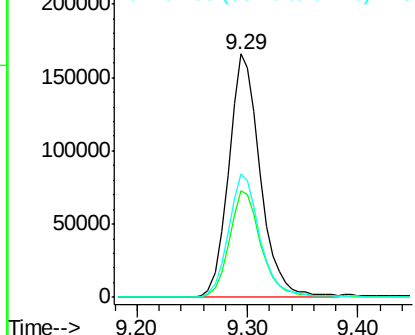
#23
 Nitrobenzene-d5
 Concen: 84.149 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031373.D
 Acq: 6 Dec 2017 16:28

Instrument :
 BNA_G
 ClientSampleID :
 PB104763TB

Tot Ion	82	Resp	333240
Ion Ratio	100	Lower	Upper
128	43.6	29.7	44.5
54	50.5	43.1	64.7

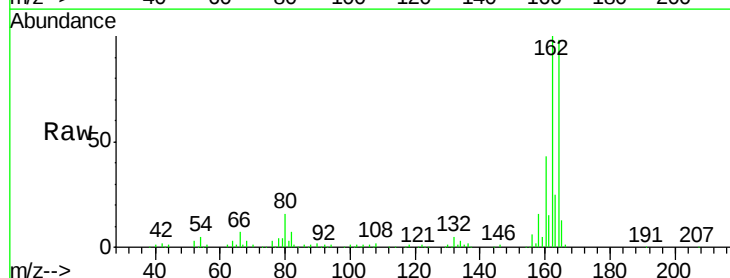


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

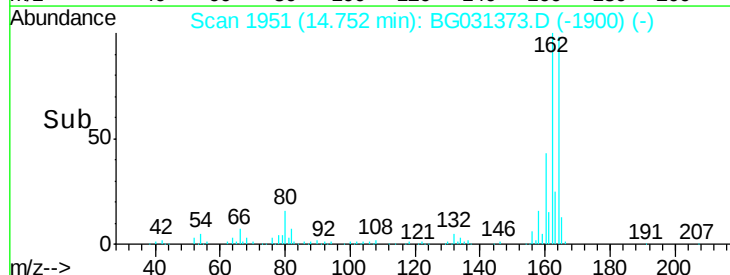
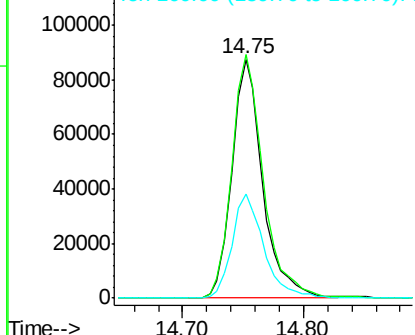


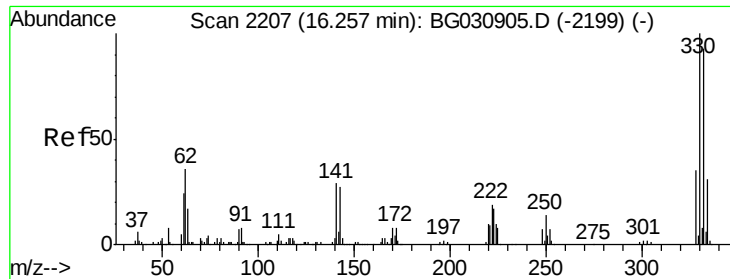
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031373.D
 Acq: 6 Dec 2017 16:28

Tgt Ion	164	Resp	154571
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.0	78.8	118.2
160	43.5	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

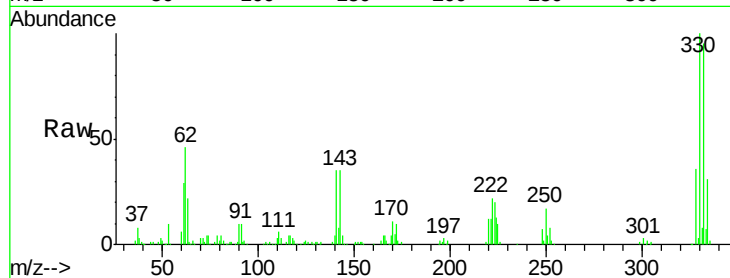




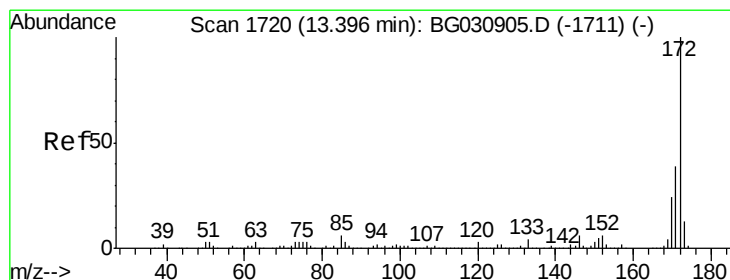
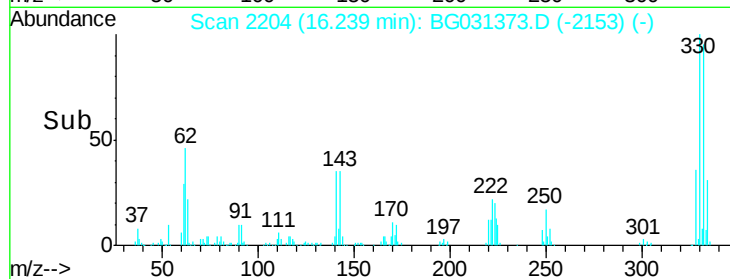
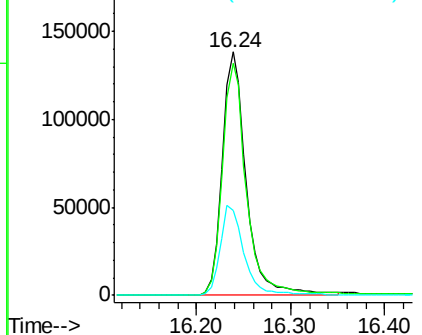
#41
 2,4,6-Tribromophenol
 Concen: 98.317 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031373.D
 Acq: 6 Dec 2017 16:28

Instrument :
 BNA_G
 ClientSampleId :
 PB104763TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.1	25.2	37.8

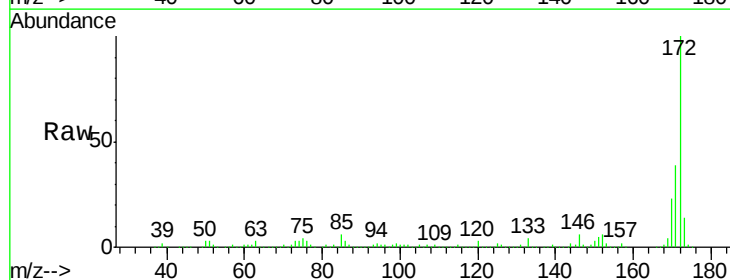


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

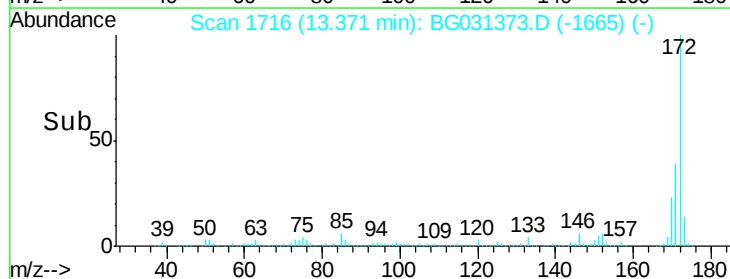
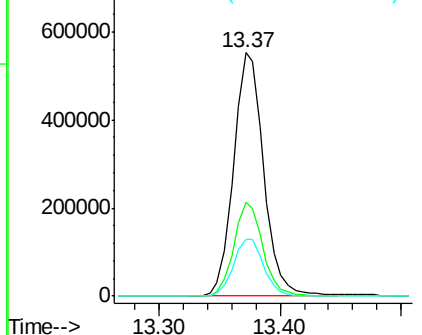


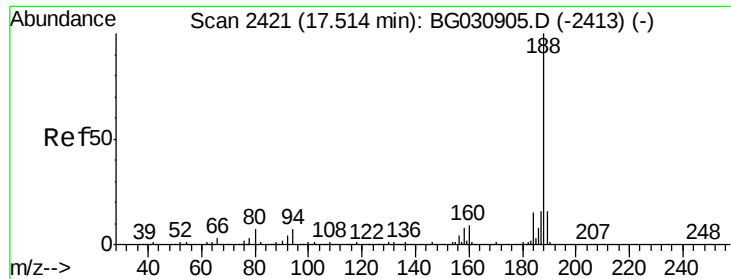
#44
 2-Fluorobiphenyl
 Concen: 89.023 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031373.D
 Acq: 6 Dec 2017 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	23.3	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG031373.D

Acq: 6 Dec 2017 16:28

Instrument :

BNA_G

ClientSampleId :

PB104763TB

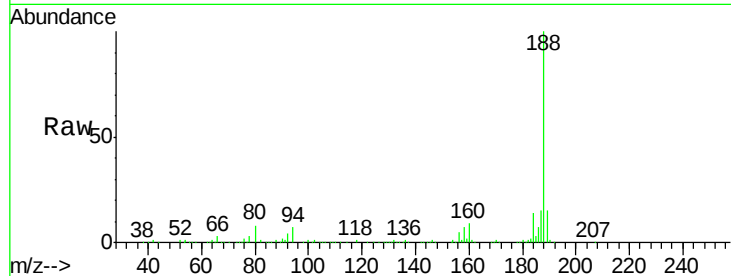
Tot Ion:188 Resp: 417252

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

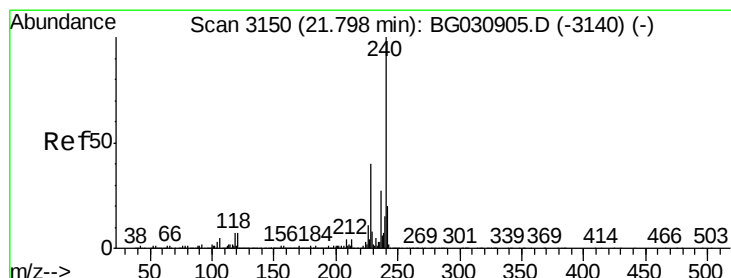
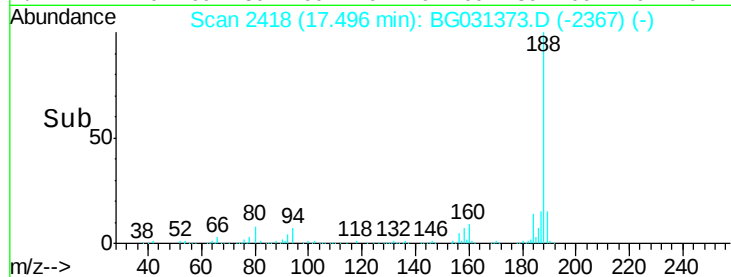
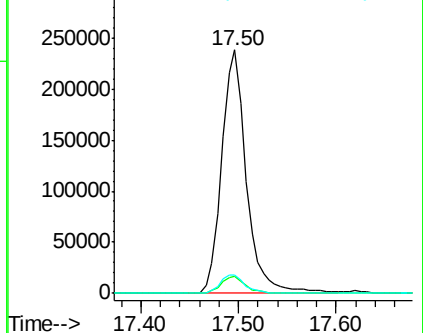
80 7.7 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG031373.D

Acq: 6 Dec 2017 16:28

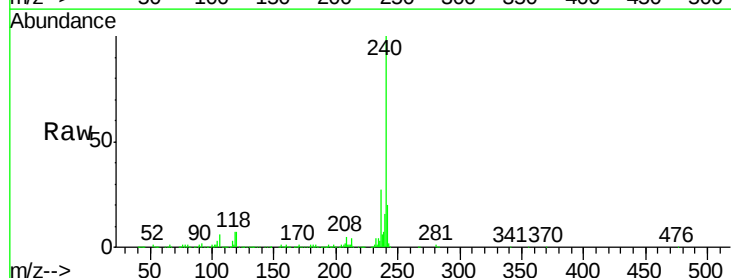
Tgt Ion:240 Resp: 514313

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

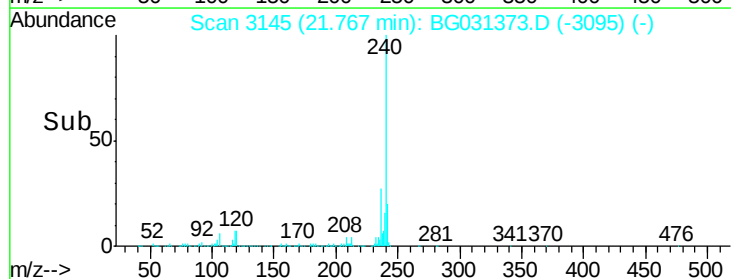
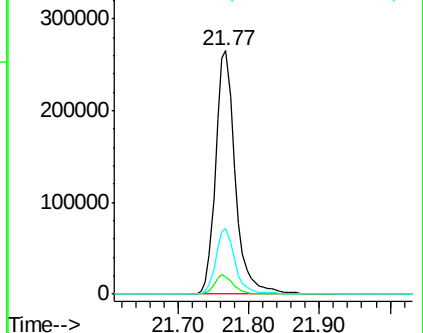
236 26.9 20.9 31.3

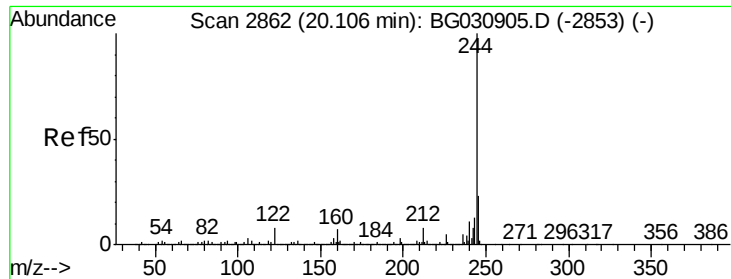


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.698 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031373.D

Acq: 6 Dec 2017 16:28

Instrument :

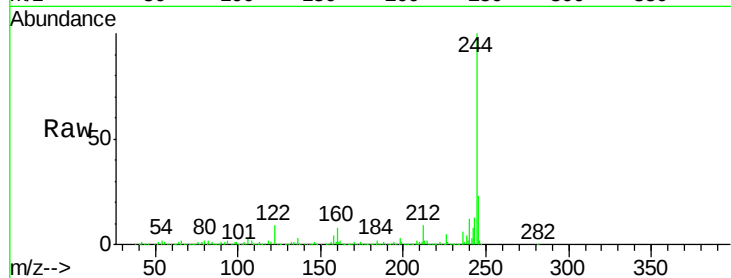
BNA_G

ClientSampleId :

PB104763TB

Tot Ion:244 Resp: 1902939

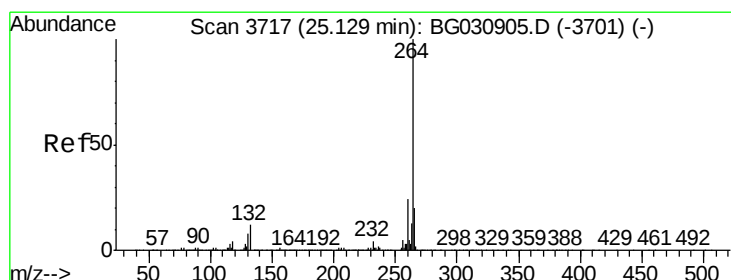
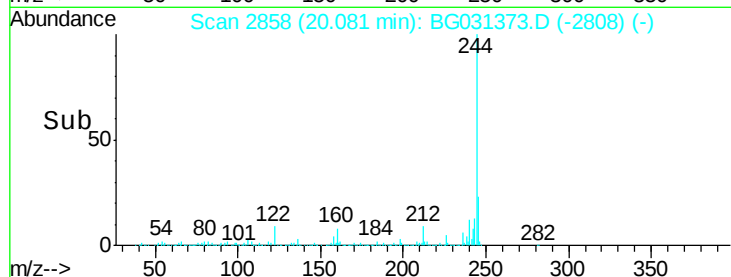
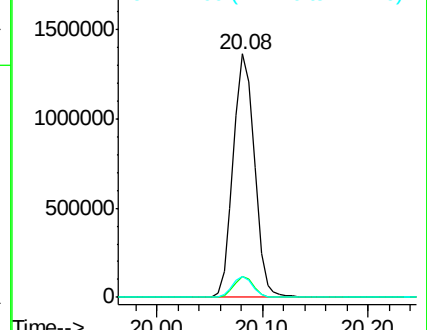
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	8.7	7.0	10.4



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: 25.06 min Scan# 3706

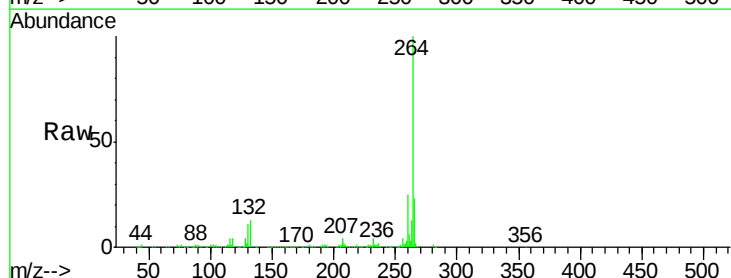
Delta R.T. -0.00 min

Lab File: BG031373.D

Acq: 6 Dec 2017 16:28

Tgt Ion:264 Resp: 472900

Ion	Ratio	Lower	Upper
264	100		
260	25.4	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

