

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030515.D
 Acq On : 28 Oct 2017 2:40
 Operator : SJ/JU
 Sample : I6101-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 28 04:28:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	75479	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	339829	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	226587	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	542506	20.00	ng	0.00
75) Chrysene-d12	21.79	240	580227	20.00	ng	0.00
86) Perylene-d12	25.11	264	542969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	586131	129.73	ng	0.00
7) Phenol-d6	7.32	99	712152	112.29	ng	0.00
23) Nitrobenzene-d5	9.34	82	523190	97.84	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	344622	117.80	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1338066	86.61	ng	0.00
78) Terphenyl-d14	20.11	244	2171638	85.14	ng	0.00

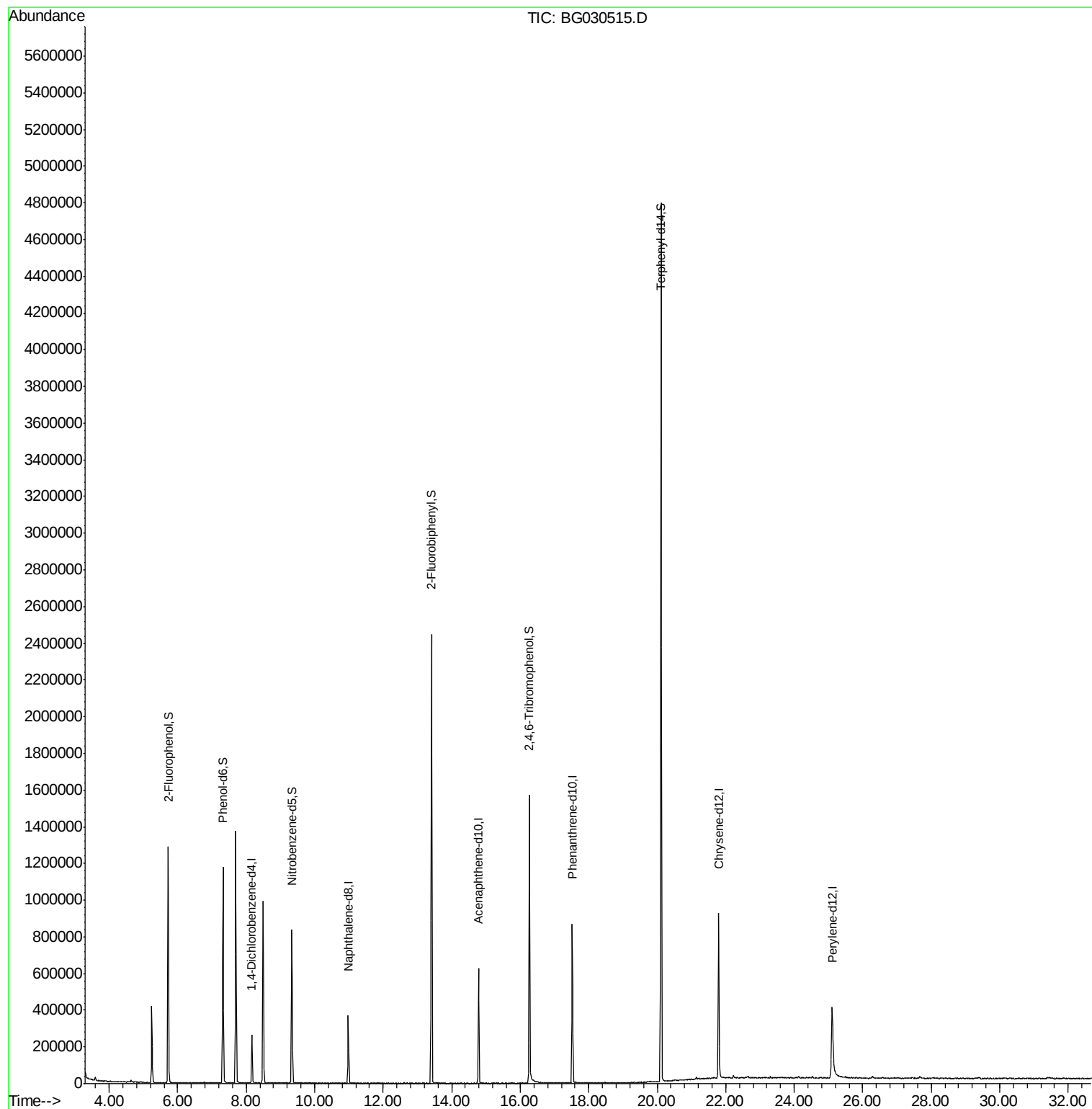
Target Compounds Qvalue

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

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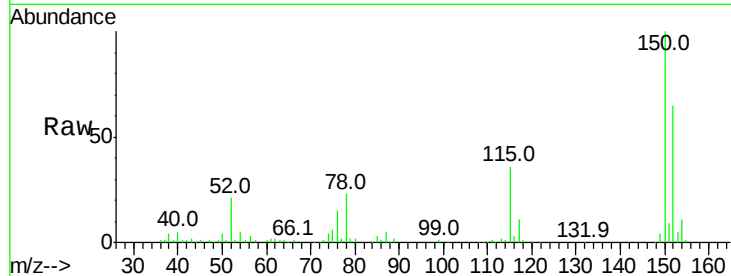


#1

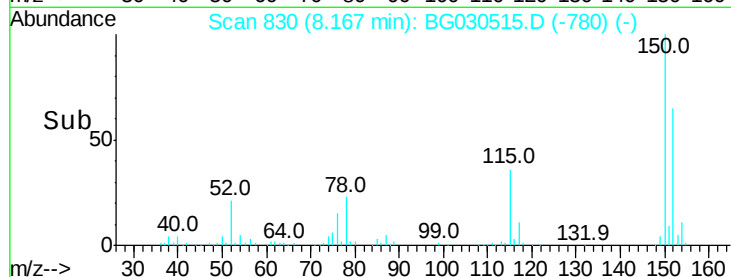
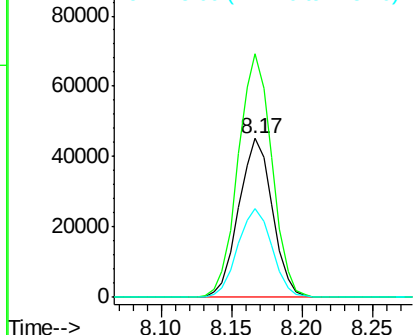
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030515.D
Acq: 28 Oct 2017 2:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 75479
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 55.8 53.0 79.4



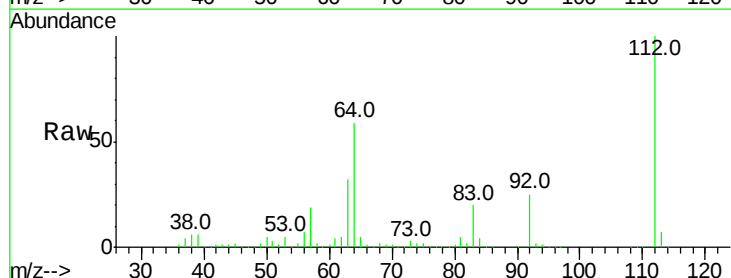
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



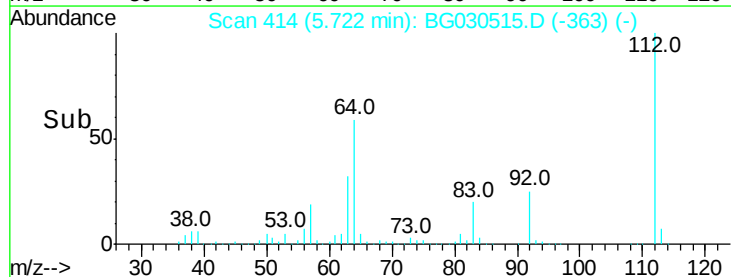
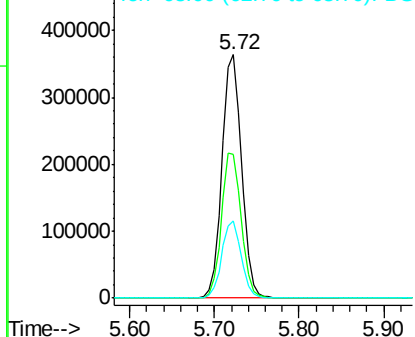
#5

2-Fluorophenol
Concen: 129.727 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030515.D
Acq: 28 Oct 2017 2:40

Tgt Ion:112 Resp: 586131
Ion Ratio Lower Upper
112 100
64 59.2 56.3 84.5
63 31.7 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: 112.291 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030515.D

Acq: 28 Oct 2017 2:40

Instrument :

BNA_G

ClientSampleId :

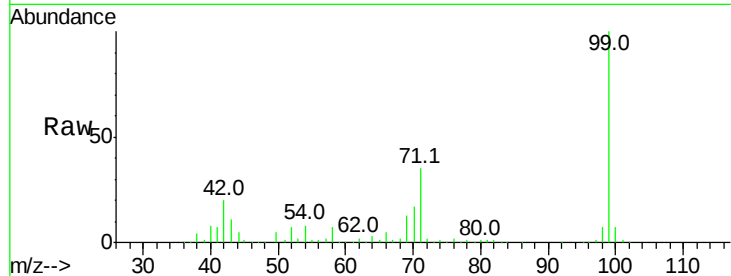
Tot Ion: 99 Resp: 712152

Ion Ratio Lower Upper

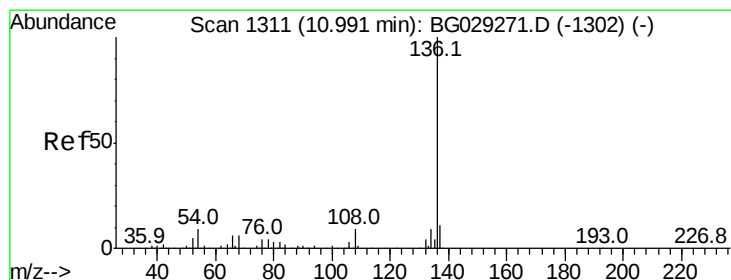
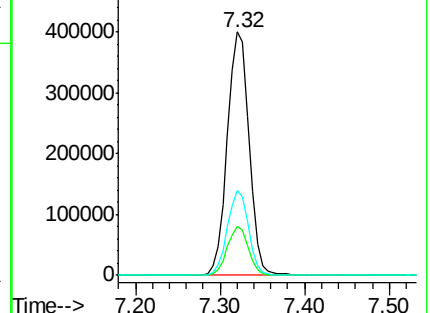
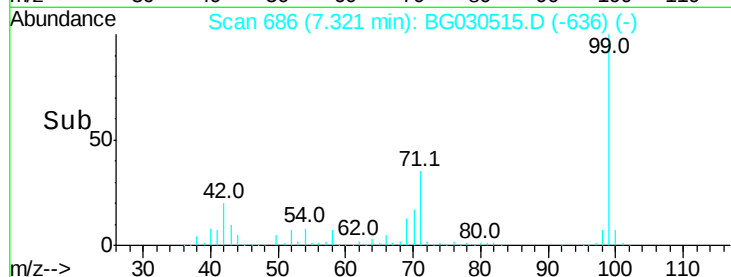
99 100

42 19.9 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030515.D

Acq: 28 Oct 2017 2:40

Tgt Ion: 136 Resp: 339829

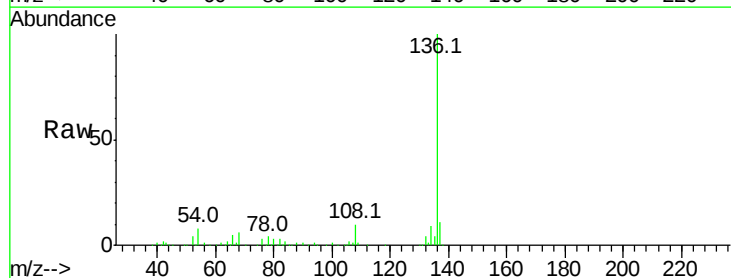
Ion Ratio Lower Upper

136 100

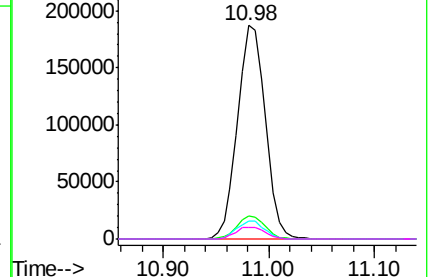
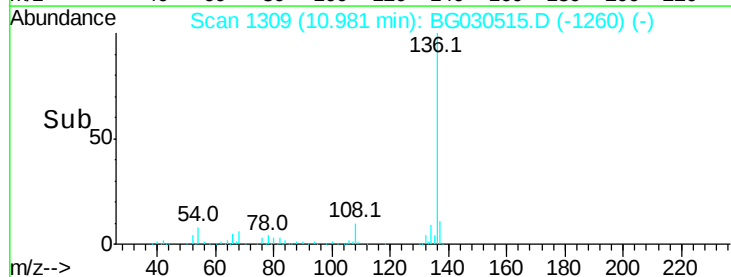
137 10.7 9.2 13.8

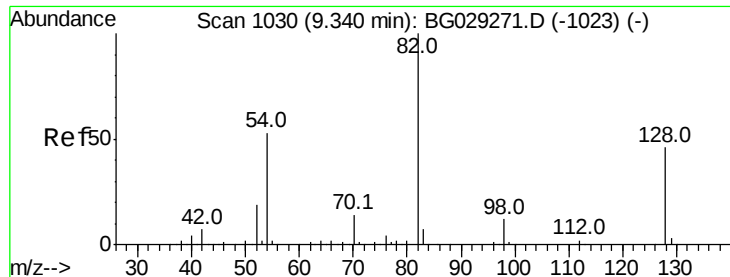
54 8.3 10.3 15.5#

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

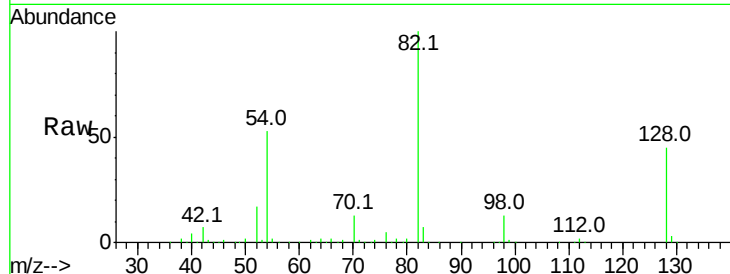




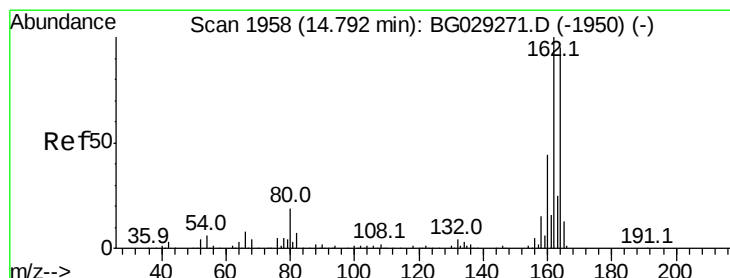
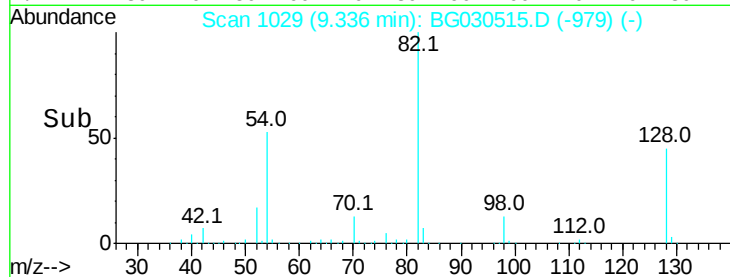
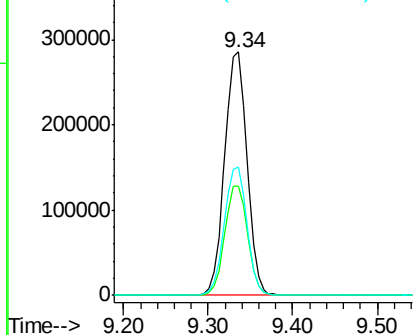
#23
Nitrobenzene-d5
Concen: 97.835 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG030515.D
Acq: 28 Oct 2017 2:40

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 523190
Ion Ratio Lower Upper
82 100
128 44.7 29.7 44.5#
54 52.6 43.1 64.7

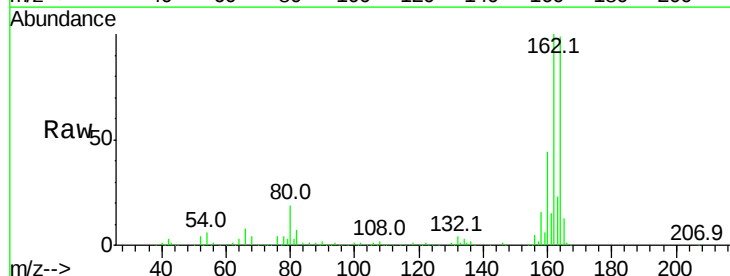


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

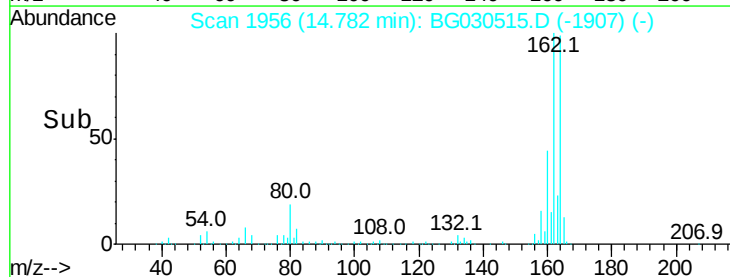
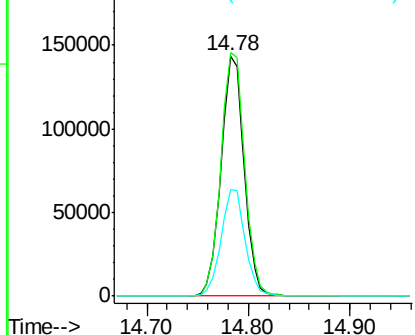


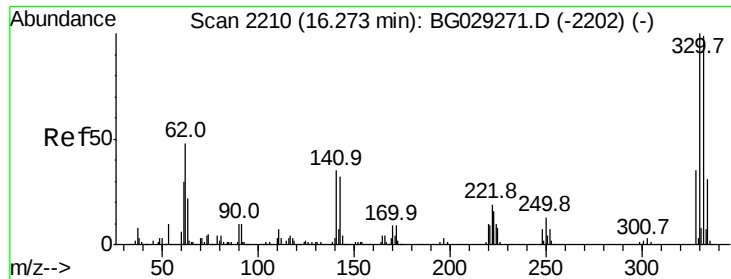
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030515.D
Acq: 28 Oct 2017 2:40

Tgt Ion:164 Resp: 226587
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 44.6 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

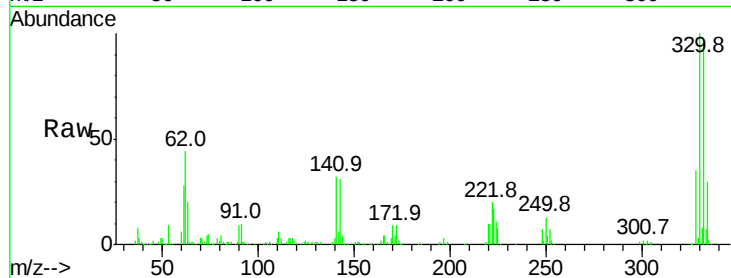




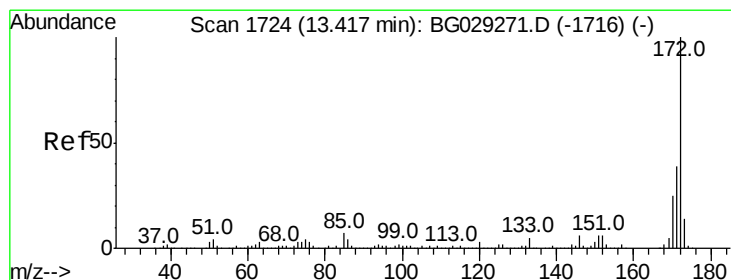
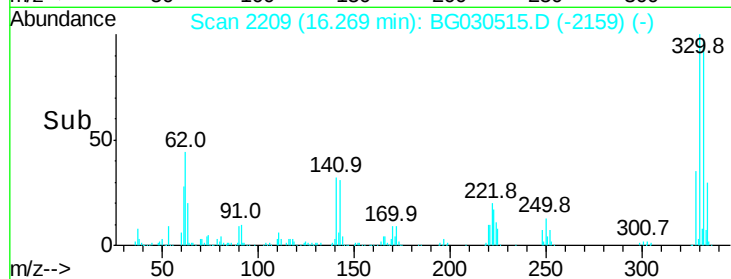
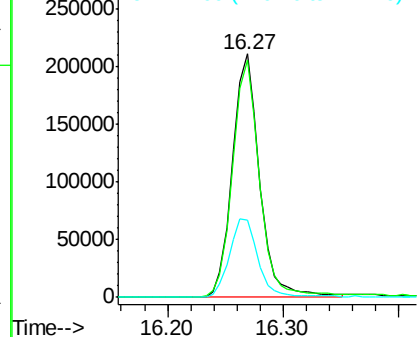
#41
 2,4,6-Tribromophenol
 Concen: 117.801 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030515.D
 Acq: 28 Oct 2017 2:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	34.2	25.2	37.8

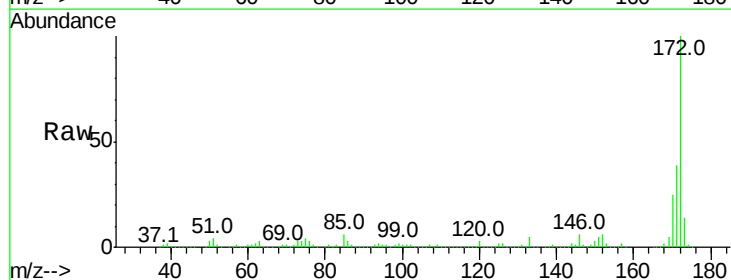


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

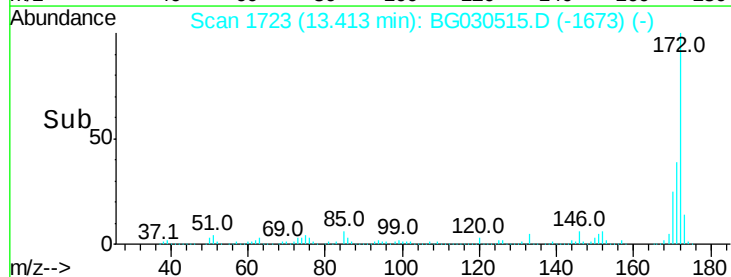
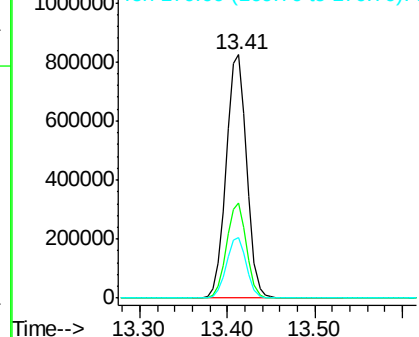


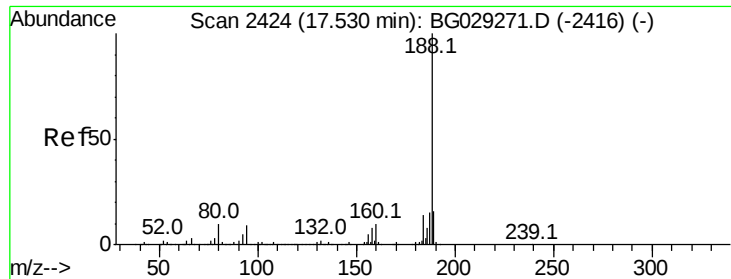
#44
 2-Fluorobiphenyl
 Concen: 86.610 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030515.D
 Acq: 28 Oct 2017 2:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.0	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

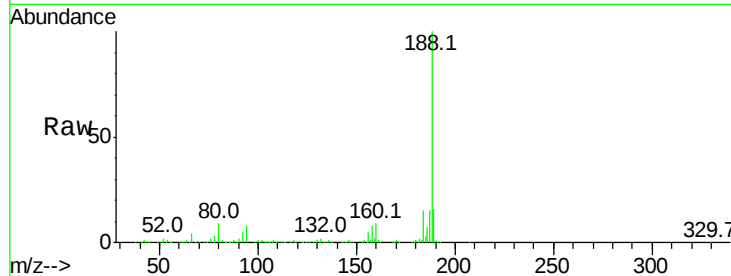




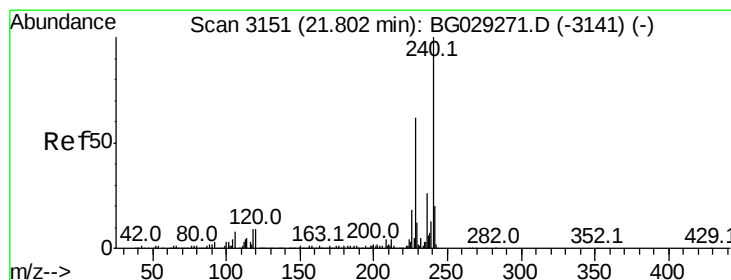
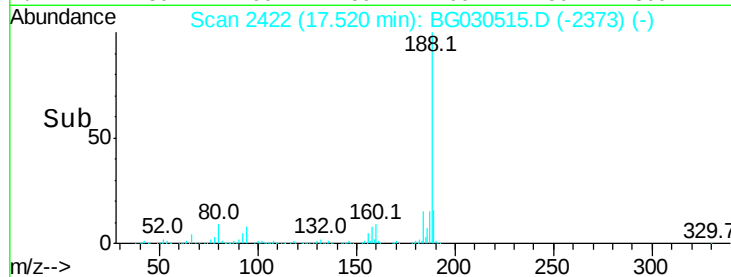
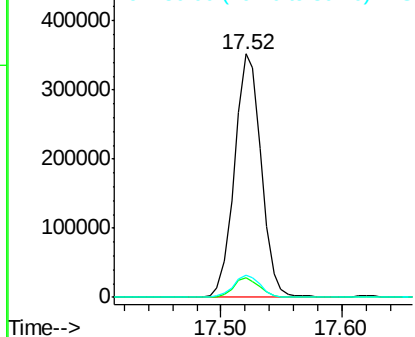
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030515.D
Acq: 28 Oct 2017 2:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.1	7.7	11.5

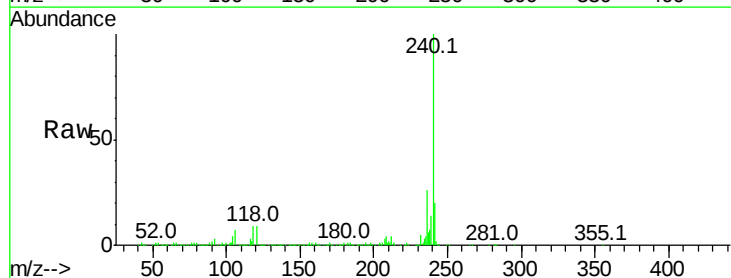


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

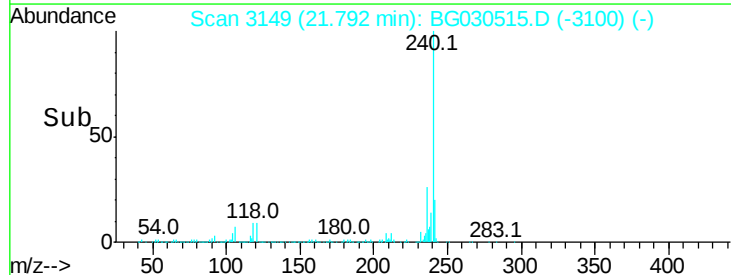
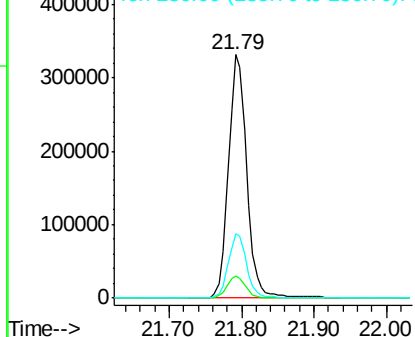


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG030515.D
Acq: 28 Oct 2017 2:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.8	10.2
236	26.3	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: 85.145 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030515.D

Acq: 28 Oct 2017 2:40

Instrument :

BNA_G

ClientSampleId :

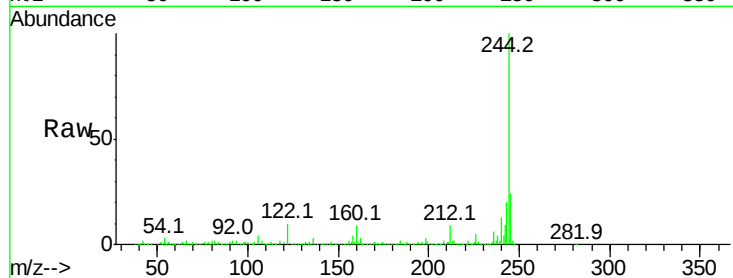
Tot Ion:244 Resp: 2171638

Ion Ratio Lower Upper

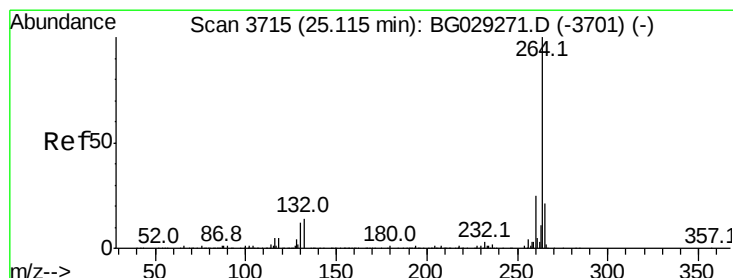
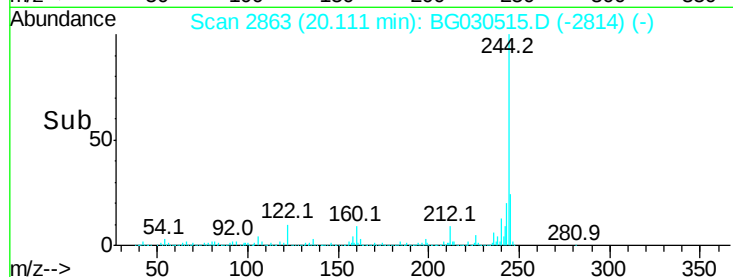
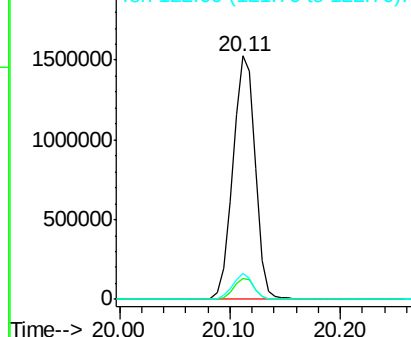
244 100

212 8.8 5.8 8.8#

122 10.5 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: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG030515.D

Acq: 28 Oct 2017 2:40

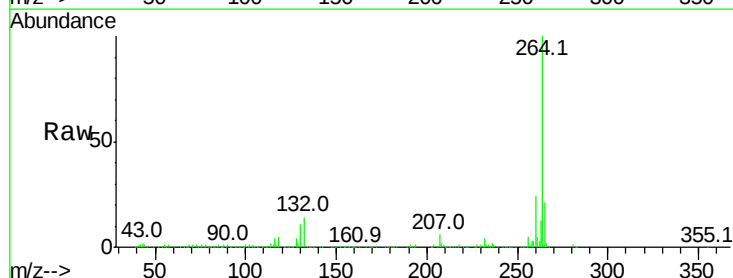
Tgt Ion:264 Resp: 542969

Ion Ratio Lower Upper

264 100

260 23.9 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

