

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102717\
 Data File : BG030499.D
 Acq On : 27 Oct 2017 16:05
 Operator : SJ/JU
 Sample : I6117-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-102417

Quant Time: Oct 27 18:55:52 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	71958	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	322209	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	211900	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	502175	20.00	ng	0.00
75) Chrysene-d12	21.80	240	530457	20.00	ng	0.00
86) Perylene-d12	25.11	264	526933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	535782	124.39	ng	0.00
7) Phenol-d6	7.32	99	637397	105.42	ng	0.00
23) Nitrobenzene-d5	9.34	82	489249	96.49	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	387123	141.50	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1255367	86.89	ng	0.00
78) Terphenyl-d14	20.11	244	1996741	85.63	ng	0.00

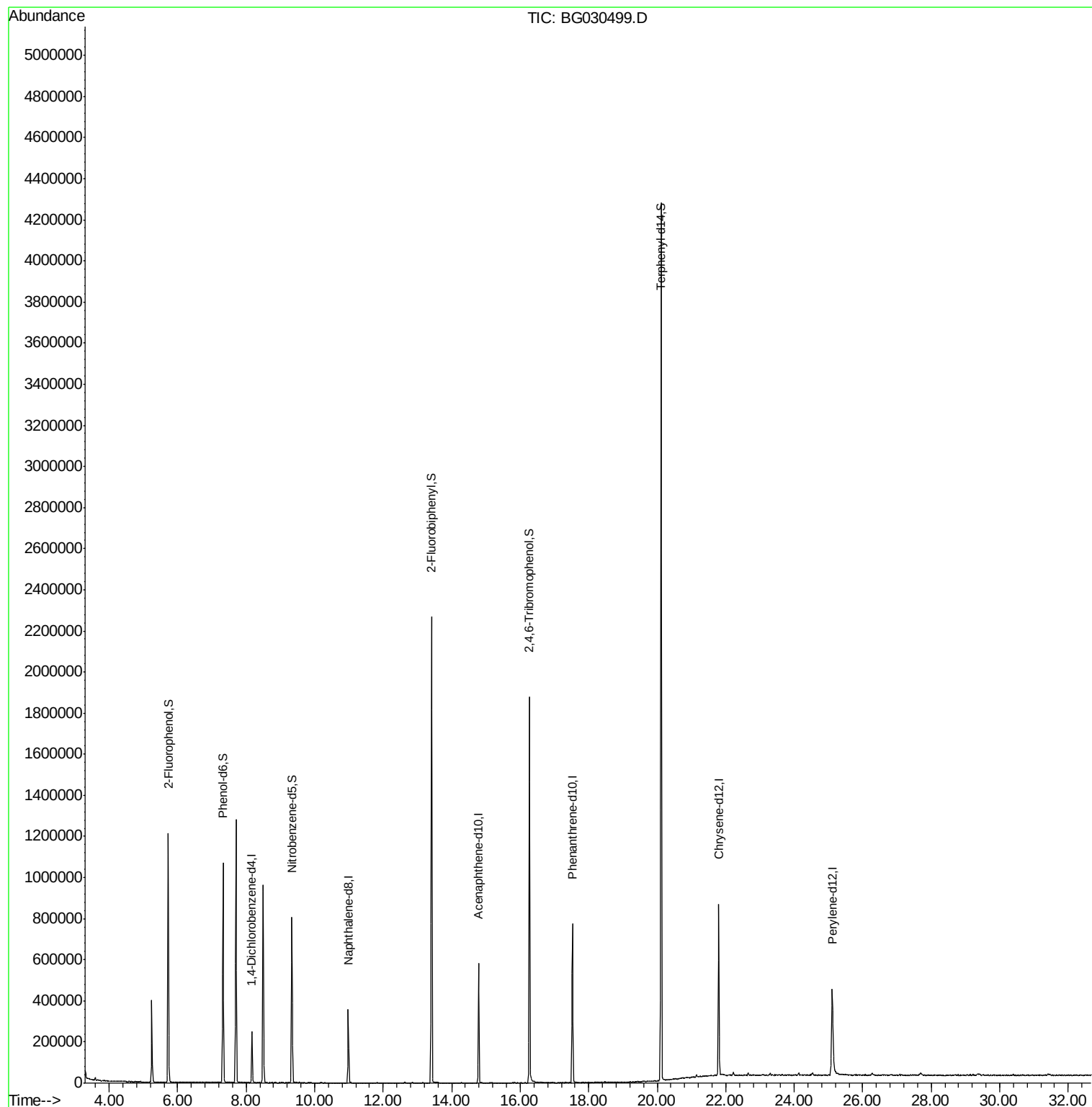
Target Compounds	Qvalue
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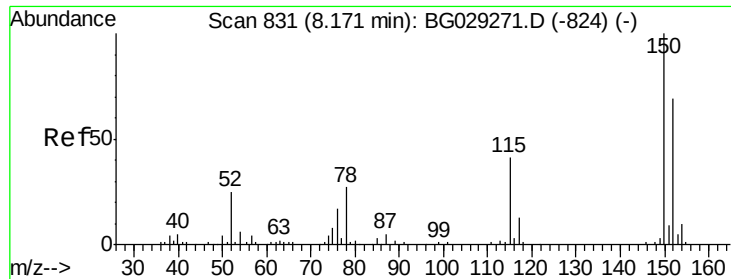
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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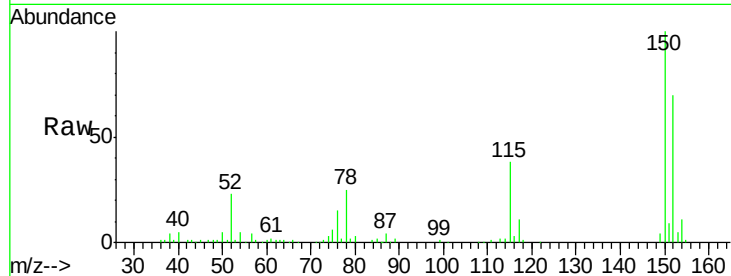


#1

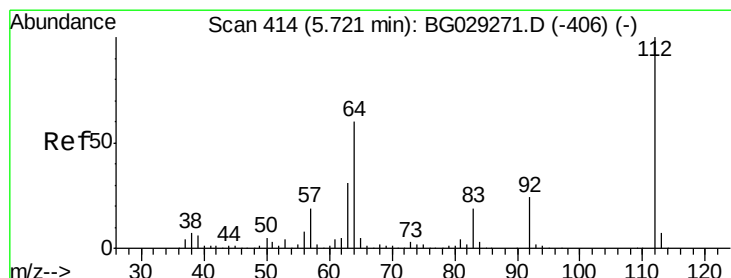
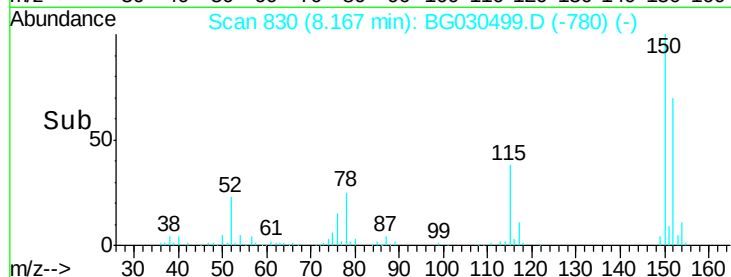
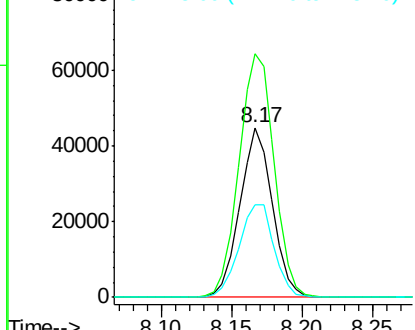
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030499.D
Acq: 27 Oct 2017 16:05

Instrument :
BNA_G
ClientSampleId :
JC-01-102417

Tgt Ion:152 Resp: 71958
Ion Ratio Lower Upper
152 100
150 143.6 126.6 189.8
115 54.8 53.0 79.4



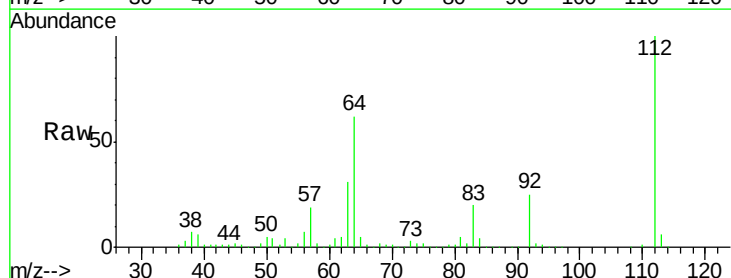
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



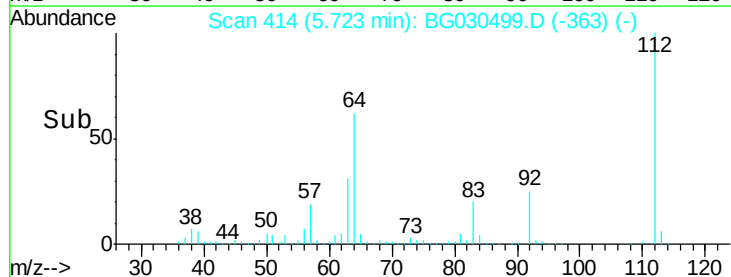
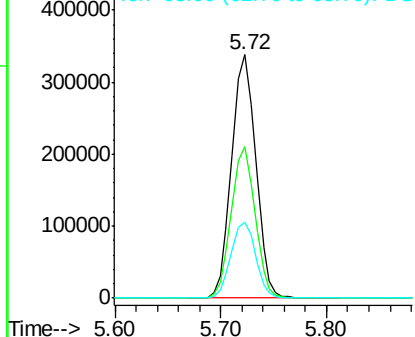
#5

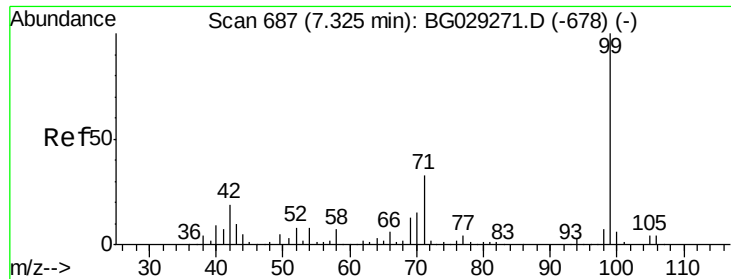
2-Fluorophenol
Concen: 124.385 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030499.D
Acq: 27 Oct 2017 16:05

Tgt Ion:112 Resp: 535782
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 31.3 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: 105.422 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030499.D

Acq: 27 Oct 2017 16:05

Instrument :

BNA_G

ClientSampleId :

JC-01-102417

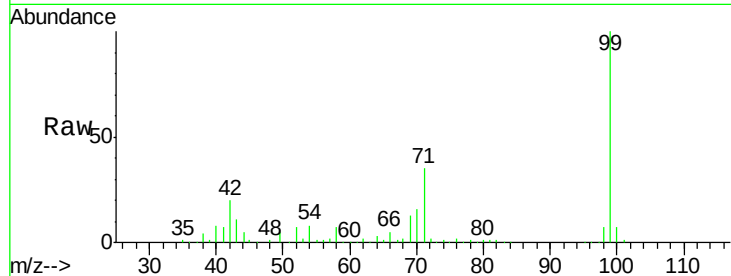
Tgt Ion: 99 Resp: 637397

Ion Ratio Lower Upper

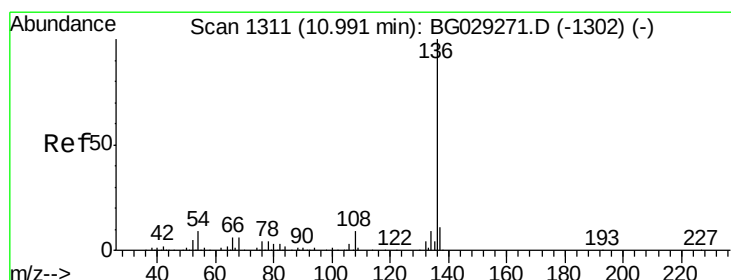
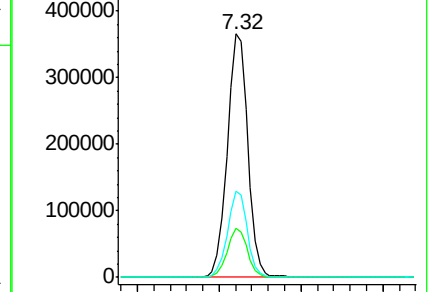
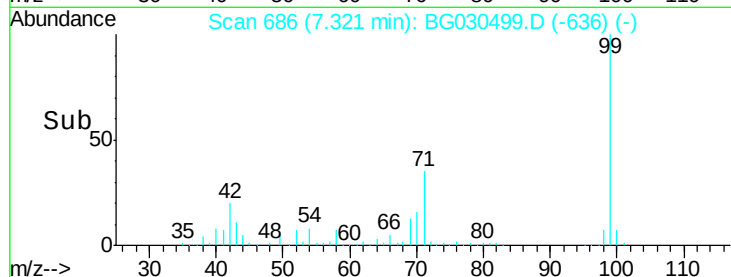
99 100

42 20.1 14.1 21.1

71 35.2 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: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG030499.D

Acq: 27 Oct 2017 16:05

Tgt Ion: 136 Resp: 322209

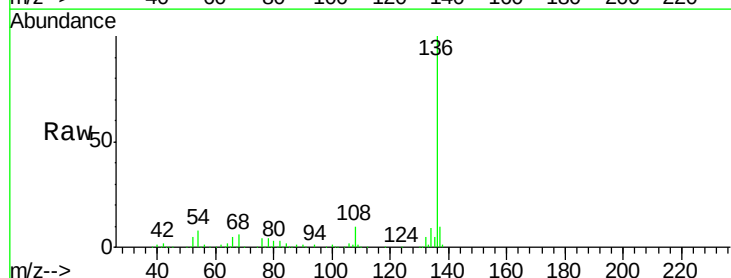
Ion Ratio Lower Upper

136 100

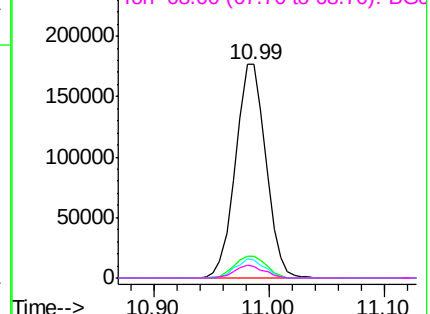
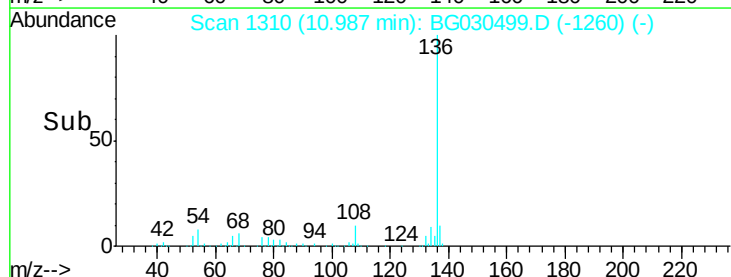
137 10.1 9.2 13.8

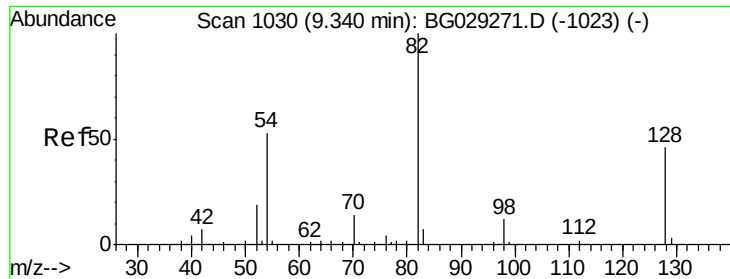
54 8.5 10.3 15.5#

68 5.6 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

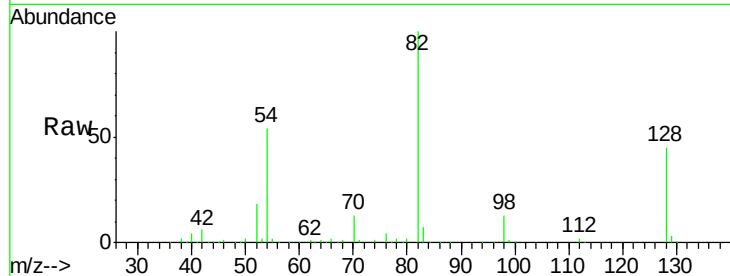




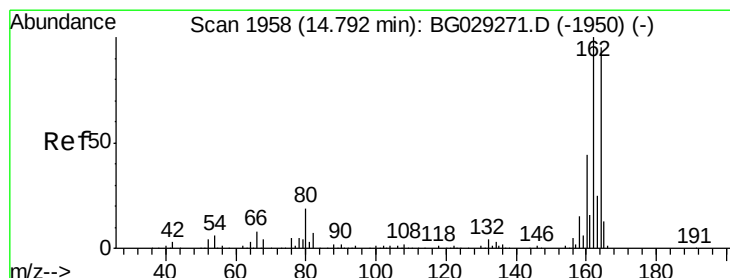
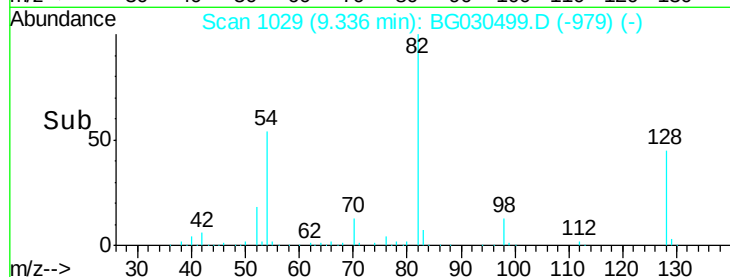
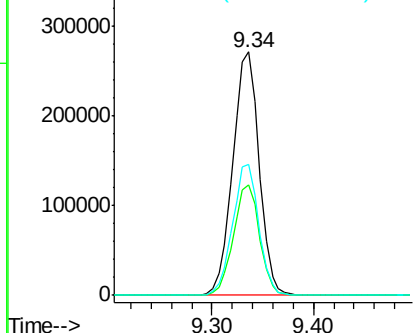
#23
 Nitrobenzene-d5
 Concen: 96.491 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG030499.D
 Acq: 27 Oct 2017 16:05

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-102417

Tgt Ion: 82 Resp: 489249
 Ion Ratio Lower Upper
 82 100
 128 45.3 29.7 44.5#
 54 53.7 43.1 64.7

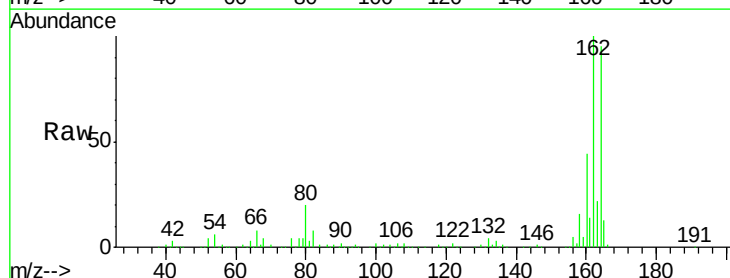


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

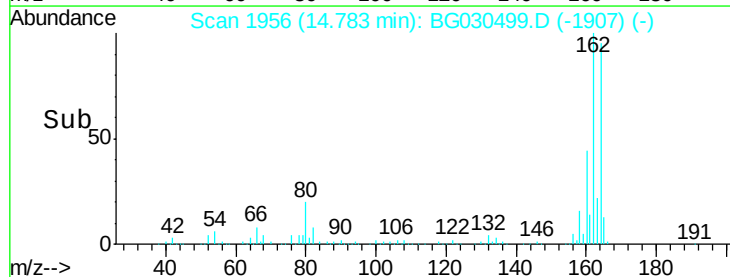
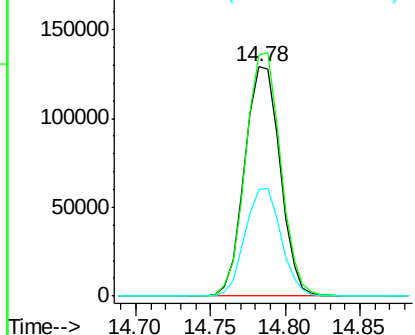


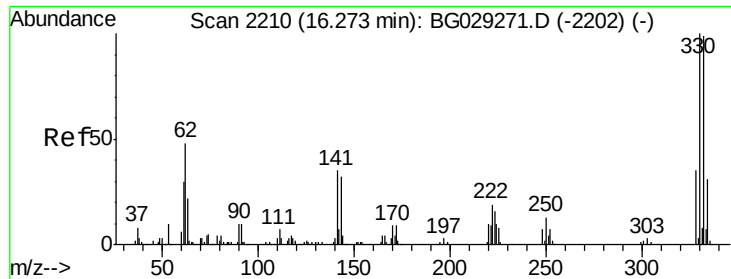
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030499.D
 Acq: 27 Oct 2017 16:05

Tgt Ion: 164 Resp: 211900
 Ion Ratio Lower Upper
 164 100
 162 105.1 78.8 118.2
 160 46.4 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

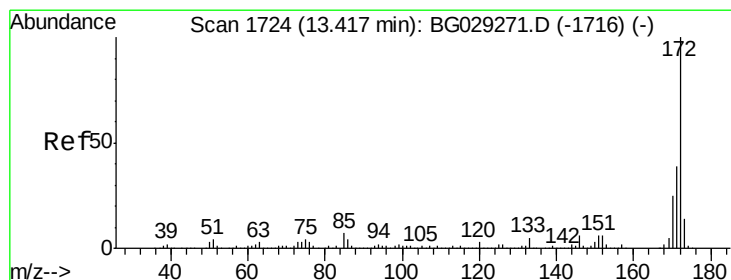
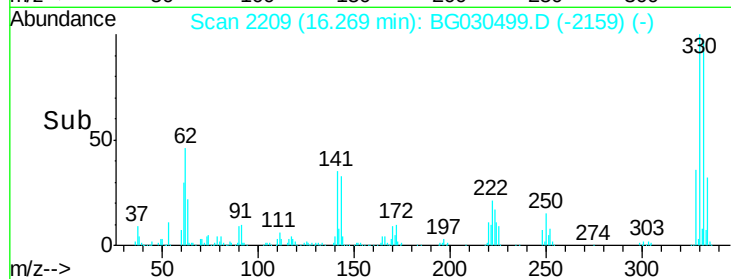
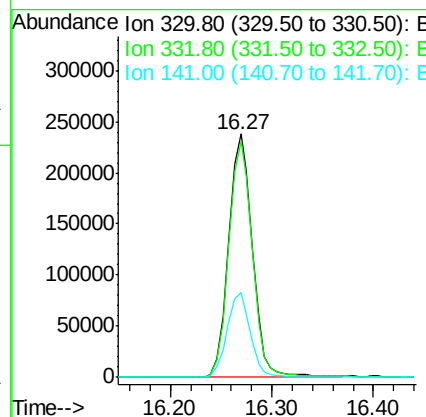
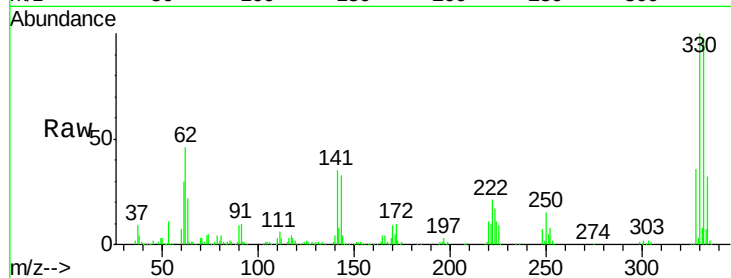




#41
 2,4,6-Tribromophenol
 Concen: 141.500 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030499.D
 Acq: 27 Oct 2017 16:05

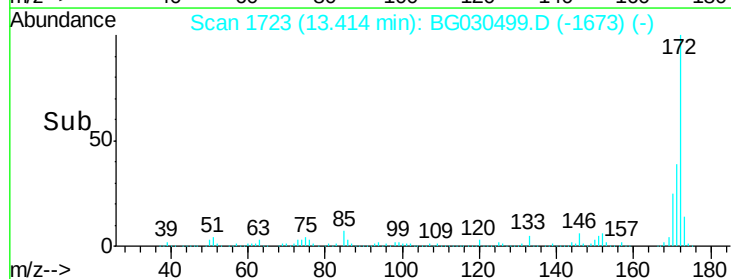
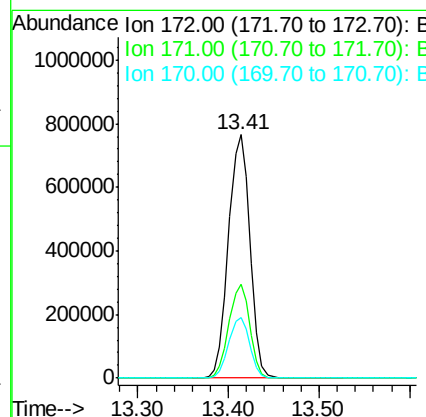
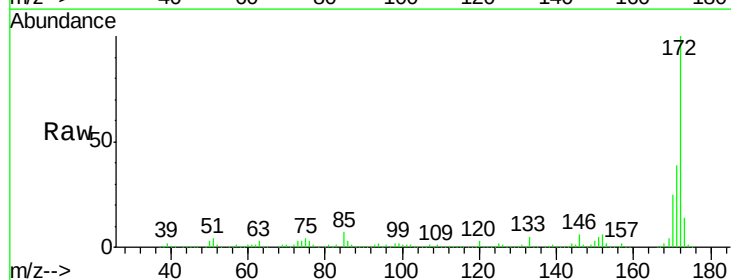
Instrument :
 BNA_G
 ClientSampleId :
 JC-01-102417

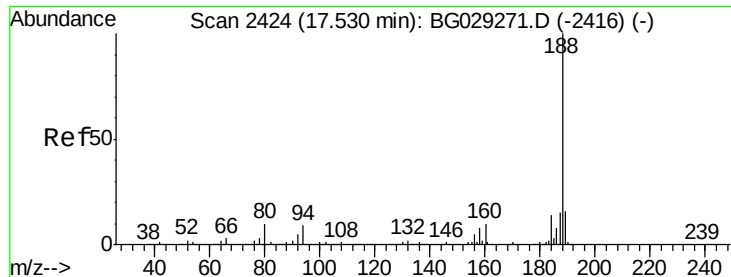
Tgt Ion:330 Resp: 387123
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 34.4 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 86.890 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030499.D
 Acq: 27 Oct 2017 16:05

Tgt Ion:172 Resp: 1255367
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 24.9 19.5 29.3

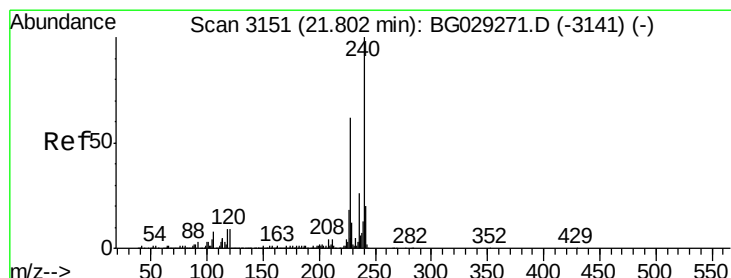
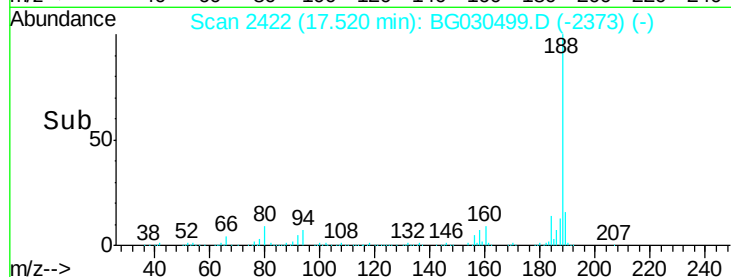
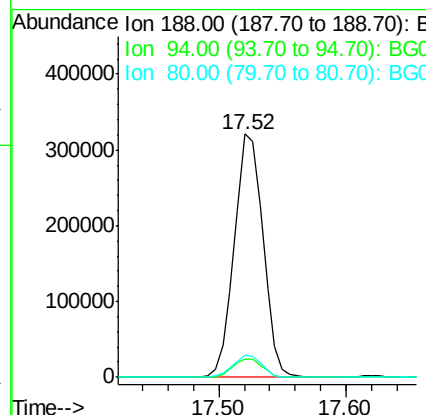
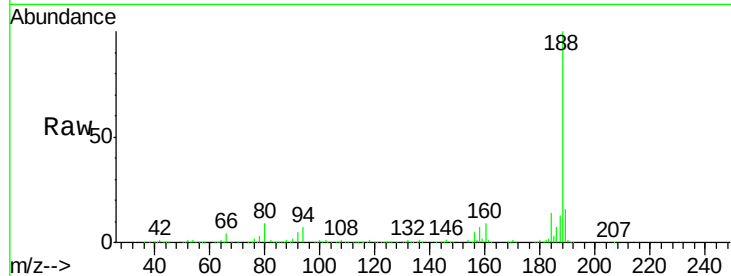




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030499.D
Acq: 27 Oct 2017 16:05

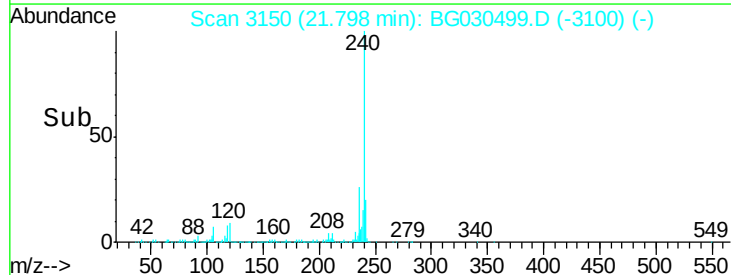
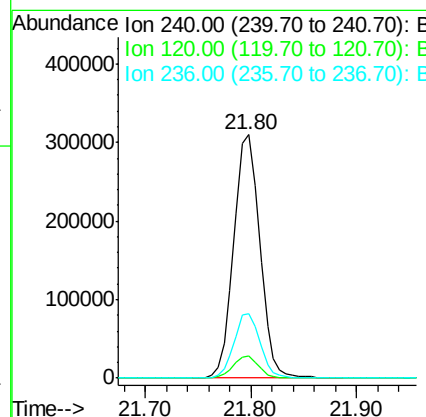
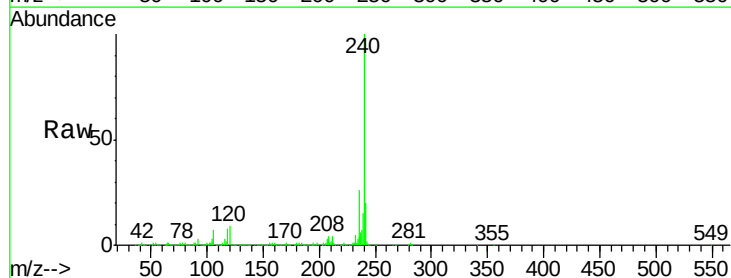
Instrument :
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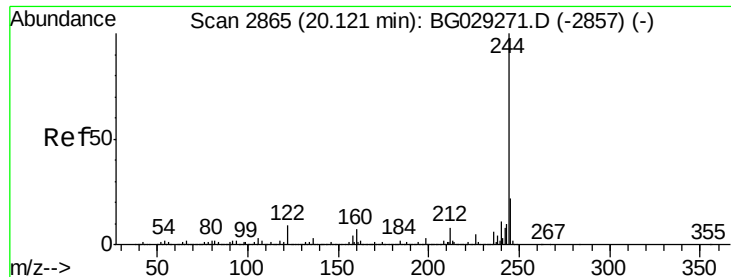
Tgt Ion:188 Resp: 502175
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG030499.D
Acq: 27 Oct 2017 16:05

Tgt Ion:240 Resp: 530457
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 85.633 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030499.D

Acq: 27 Oct 2017 16:05

Instrument :

BNA_G

ClientSampleId :

JC-01-102417

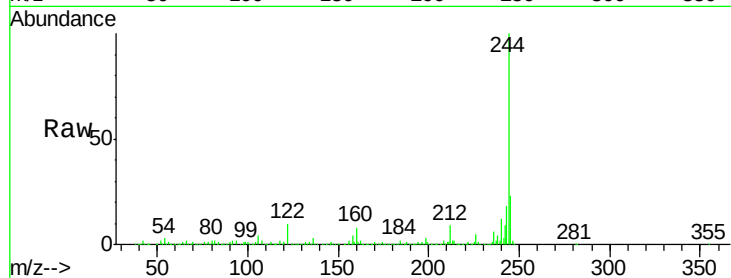
Tgt Ion:244 Resp: 1996741

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

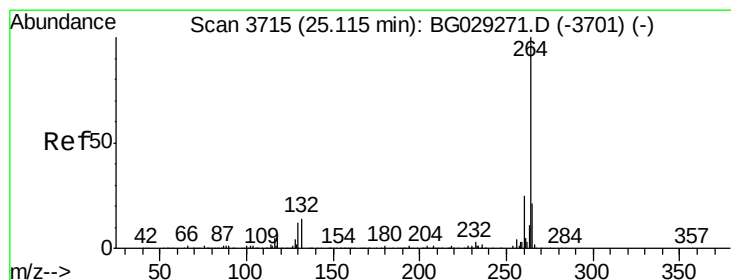
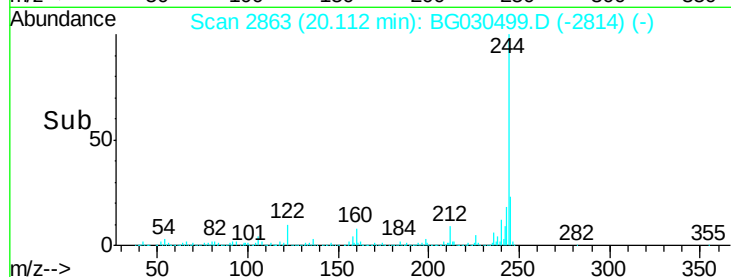
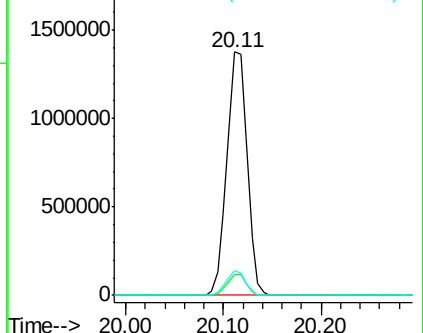
122 10.3 7.0 10.4



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: BG030499.D

Acq: 27 Oct 2017 16:05

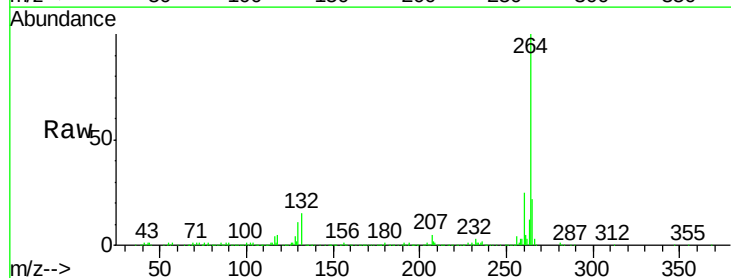
Tgt Ion:264 Resp: 526933

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 22.3 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

