

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030644.D
 Acq On : 1 Nov 2017 21:24
 Operator : SJ/JU
 Sample : I6203-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 06:00:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	74261	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	350257	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	242338	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	547258	20.00	ng	0.00
75) Chrysene-d12	21.79	240	605112	20.00	ng	0.00
86) Perylene-d12	25.09	264	594979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	187811	42.25	ng	0.00
7) Phenol-d6	7.31	99	168007	26.93	ng	0.00
23) Nitrobenzene-d5	9.32	82	484115	87.83	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	264055	84.39	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1370535	82.95	ng	0.00
78) Terphenyl-d14	20.11	244	2132999	80.19	ng	0.00

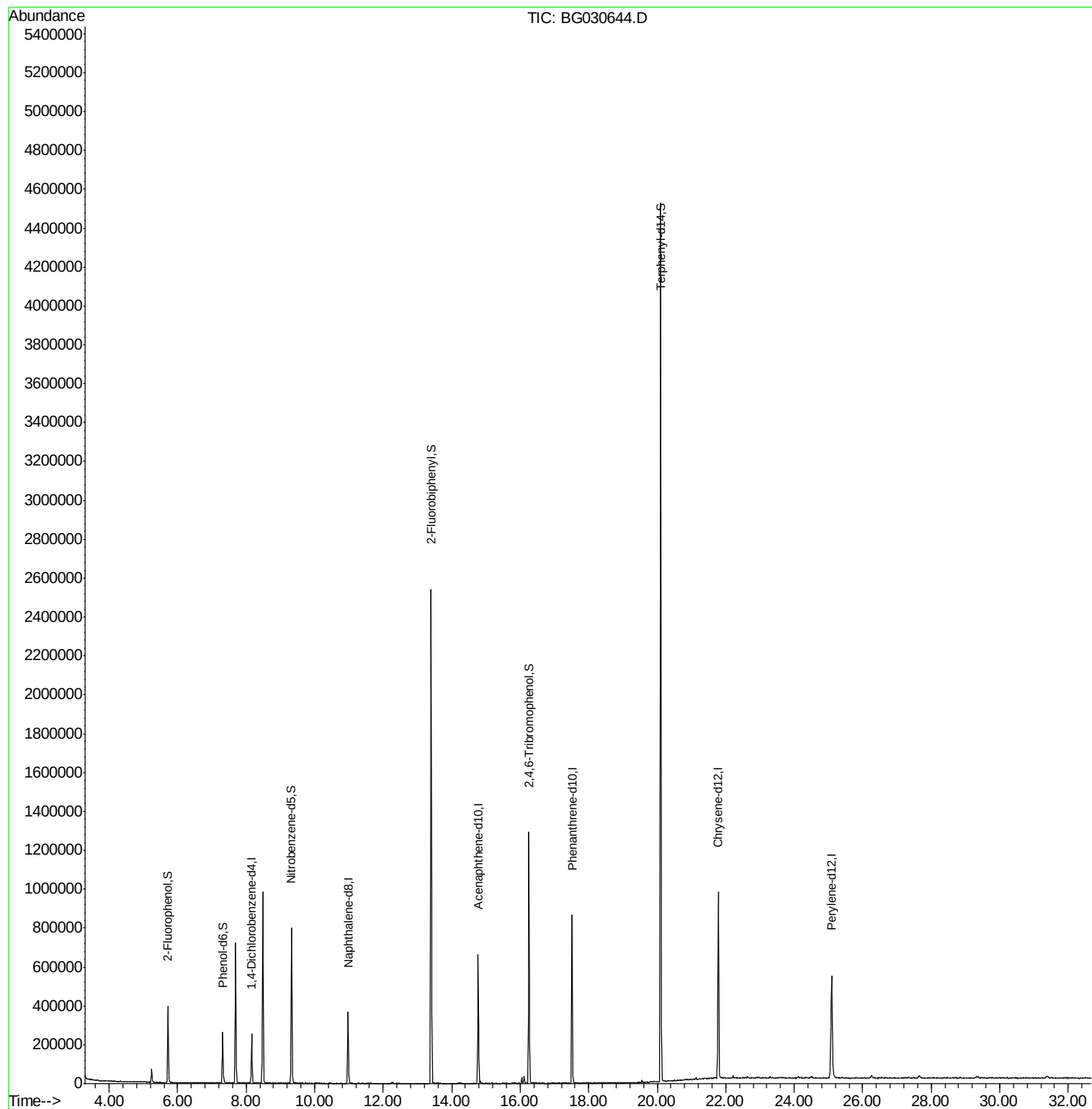
Target Compounds Qvalue

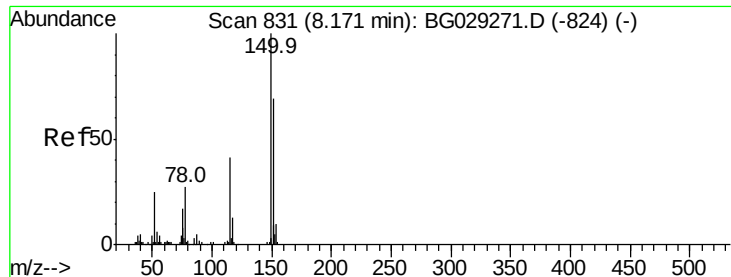
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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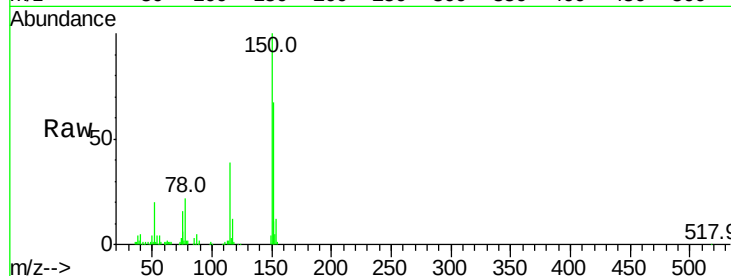


#1

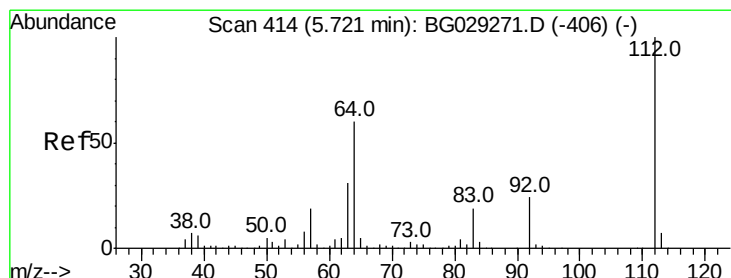
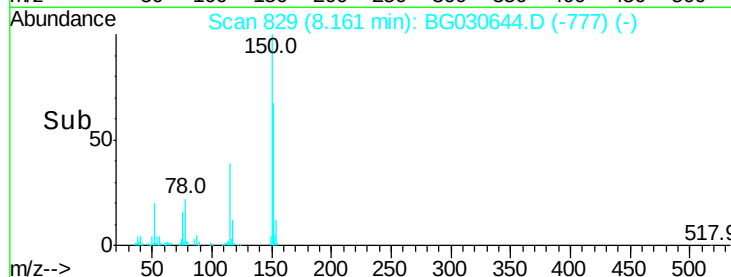
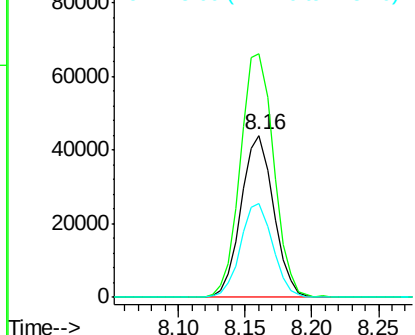
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030644.D
Acq: 1 Nov 2017 21:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74261
Ion Ratio Lower Upper
152 100
150 150.3 126.6 189.8
115 58.3 53.0 79.4



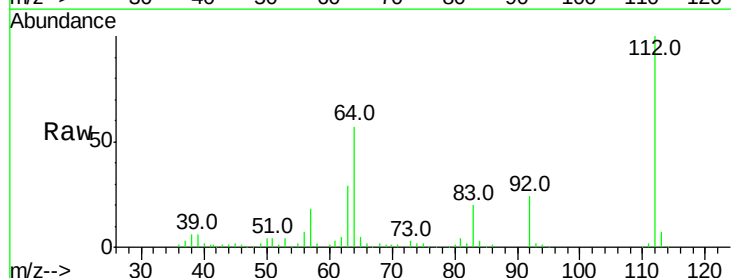
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



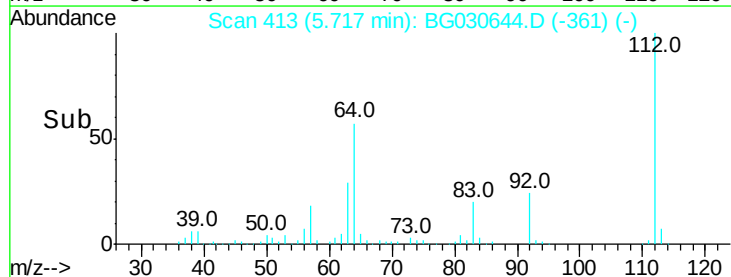
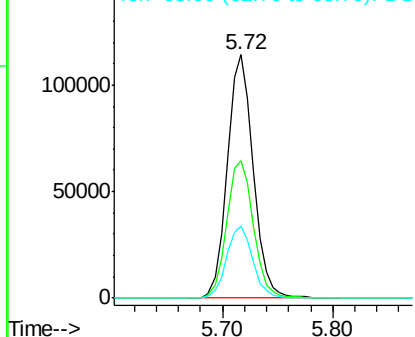
#5

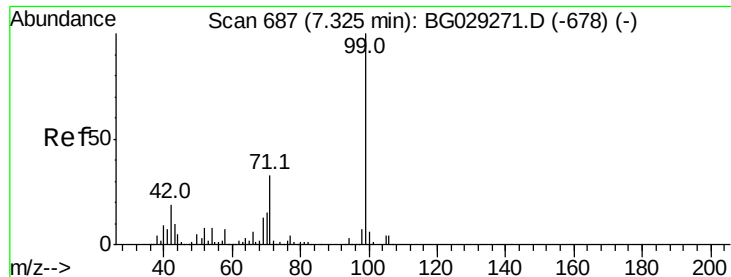
2-Fluorophenol
Concen: 42.249 ng
RT: 5.72 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG030644.D
Acq: 1 Nov 2017 21:24

Tgt Ion:112 Resp: 187811
Ion Ratio Lower Upper
112 100
64 56.7 56.3 84.5
63 29.4 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: 26.926 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG030644.D

Acq: 1 Nov 2017 21:24

Instrument :

BNA_G

ClientSampleId :

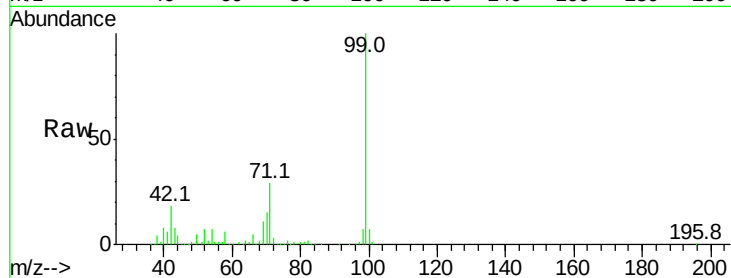
Tot Ion: 99 Resp: 168007

Ion Ratio Lower Upper

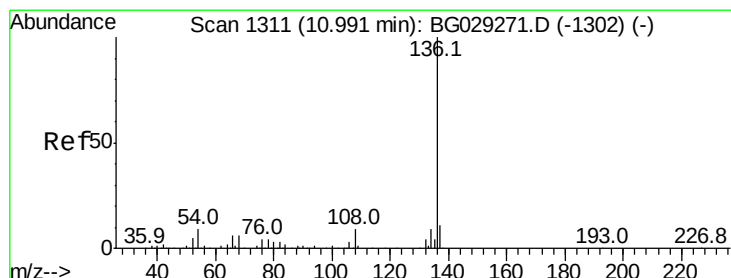
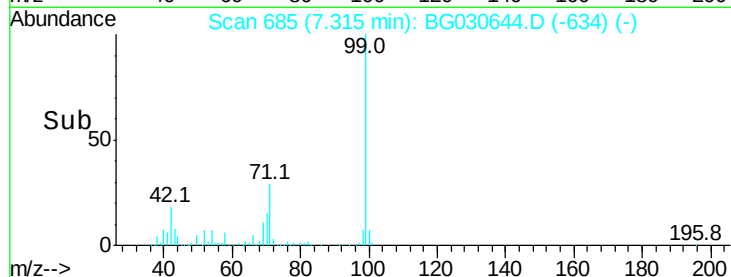
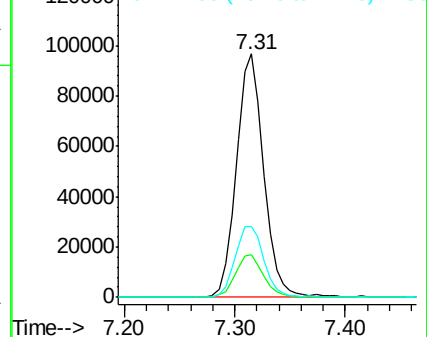
99 100

42 17.6 14.1 21.1

71 29.1 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# 1308

Delta R.T. 0.00 min

Lab File: BG030644.D

Acq: 1 Nov 2017 21:24

Tgt Ion: 136 Resp: 350257

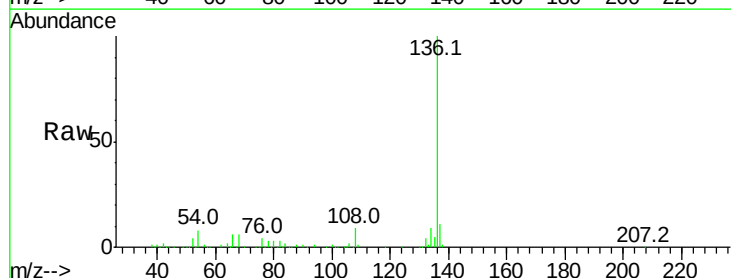
Ion Ratio Lower Upper

136 100

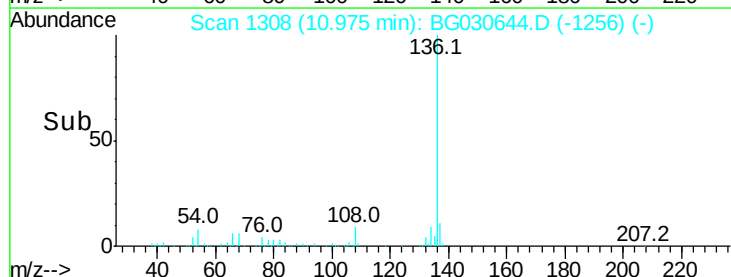
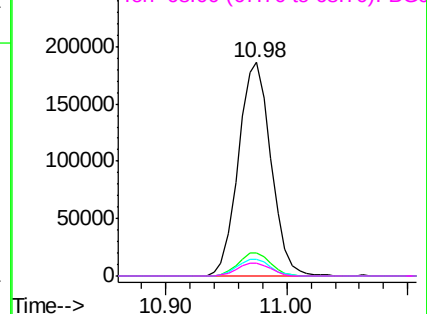
137 10.9 9.2 13.8

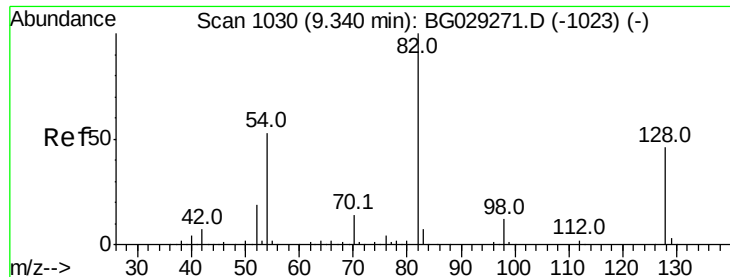
54 7.9 10.3 15.5#

68 6.3 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

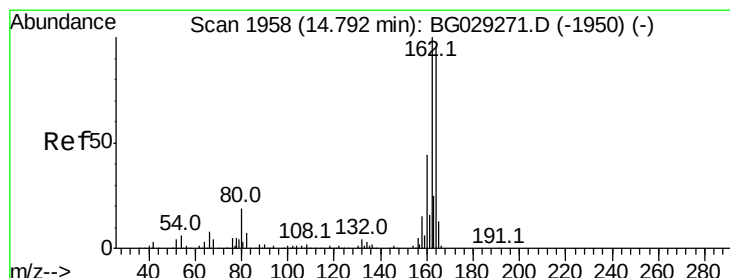
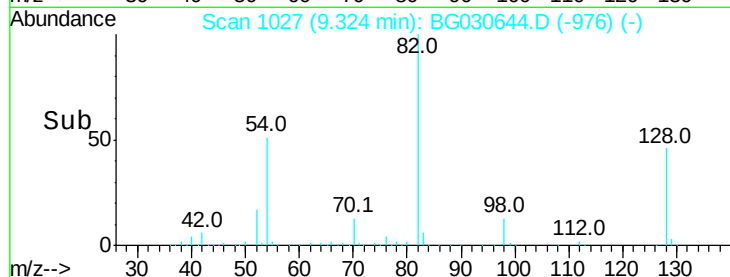
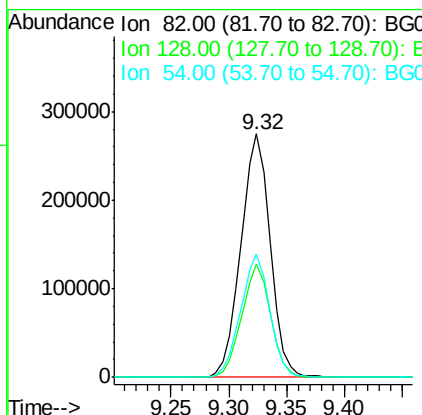
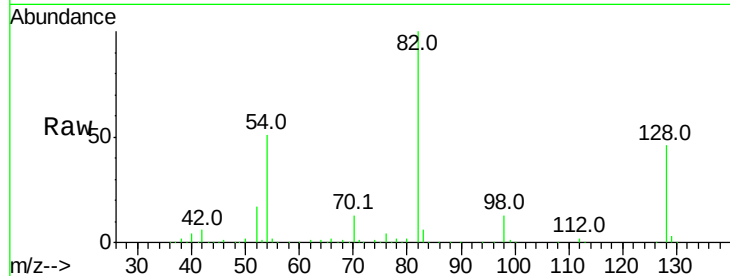




#23
 Nitrobenzene-d5
 Concen: 87.833 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG030644.D
 Acq: 1 Nov 2017 21:24

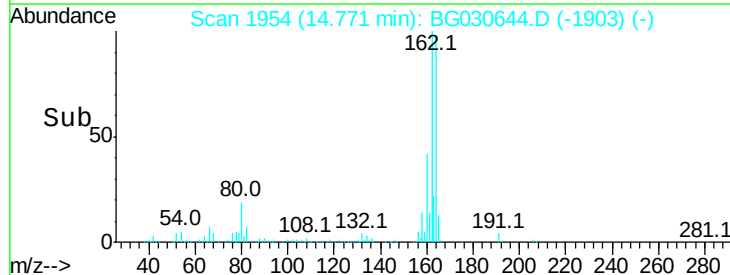
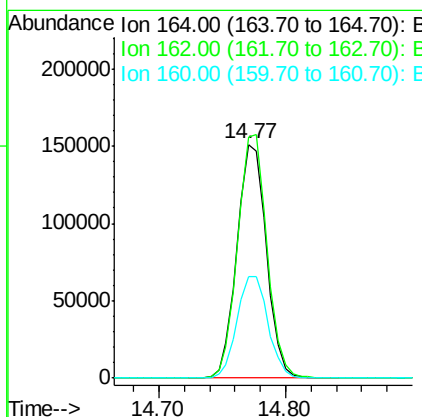
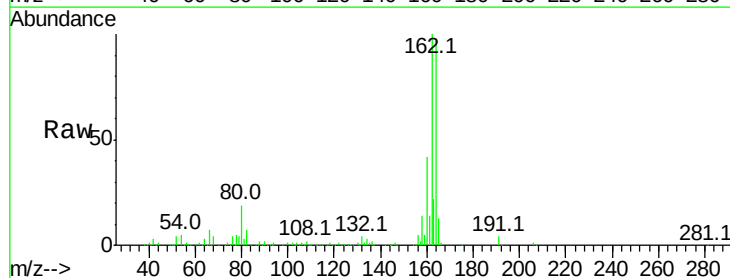
Instrument :
 BNA_G
 ClientSampleId :

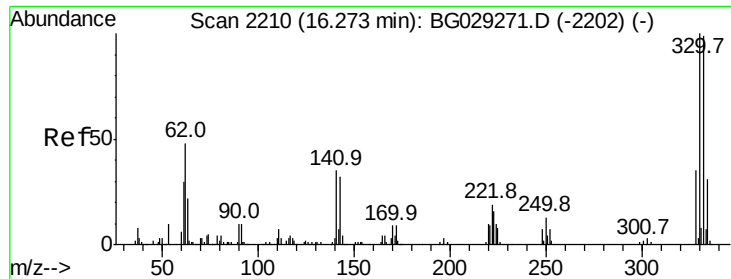
Tot Ion: 82 Resp: 484115
 Ion Ratio Lower Upper
 82 100
 128 46.2 29.7 44.5#
 54 50.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG030644.D
 Acq: 1 Nov 2017 21:24

Tgt Ion:164 Resp: 242338
 Ion Ratio Lower Upper
 164 100
 162 103.0 78.8 118.2
 160 43.5 35.4 53.0

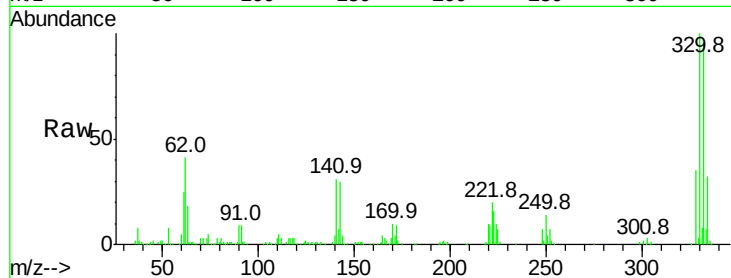




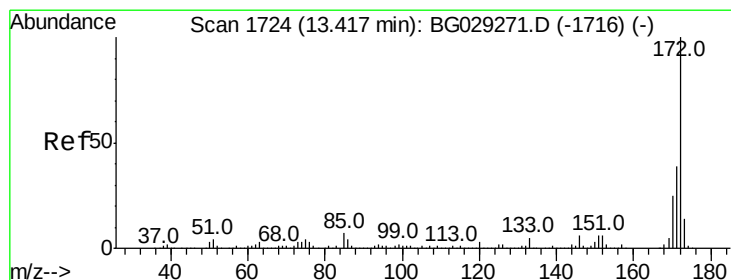
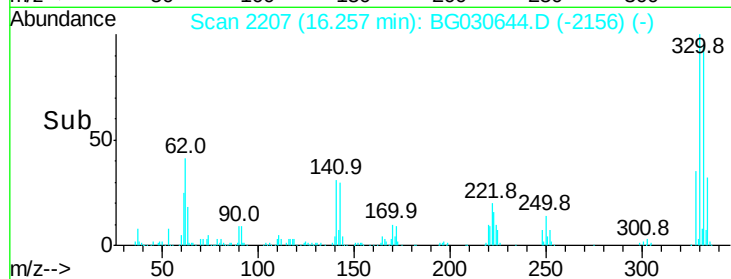
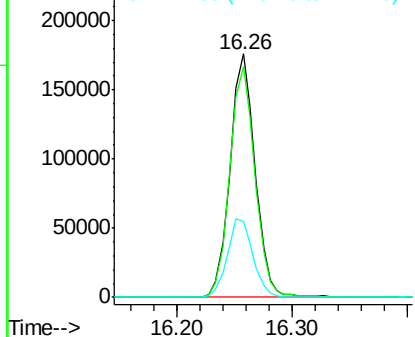
#41
 2,4,6-Tribromophenol
 Concen: 84.394 ng
 RT: 16.26 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030644.D
 Acq: 1 Nov 2017 21:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 264055
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.1 25.2 37.8

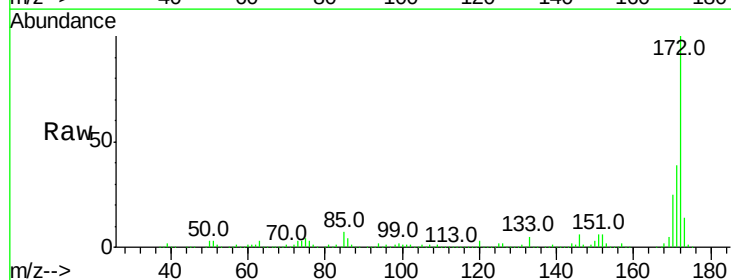


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

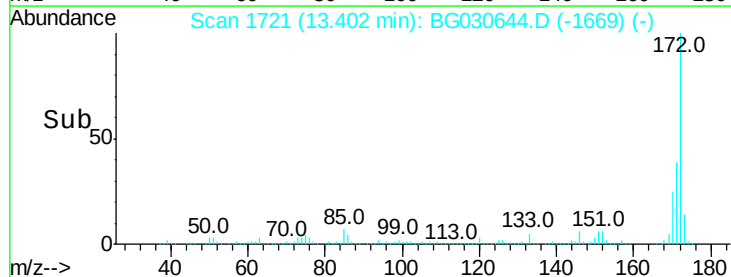
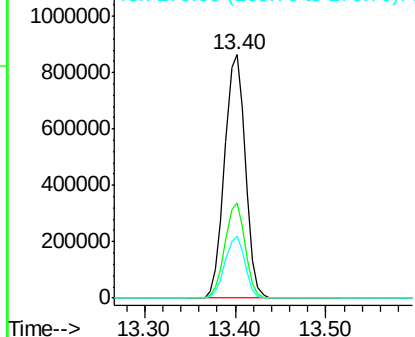


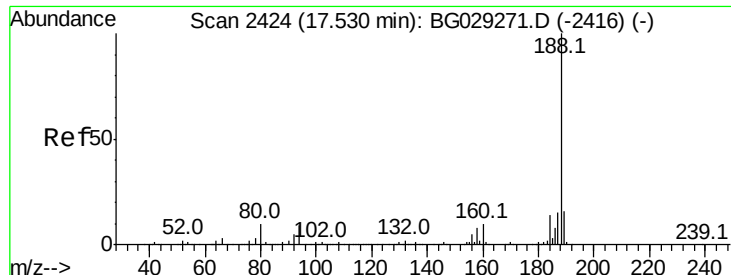
#44
 2-Fluorobiphenyl
 Concen: 82.946 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030644.D
 Acq: 1 Nov 2017 21:24

Tgt Ion:172 Resp: 1370535
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 25.2 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

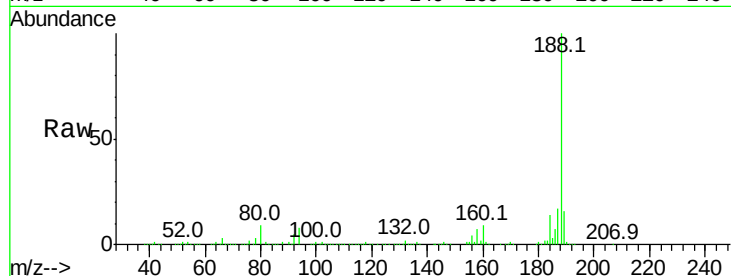




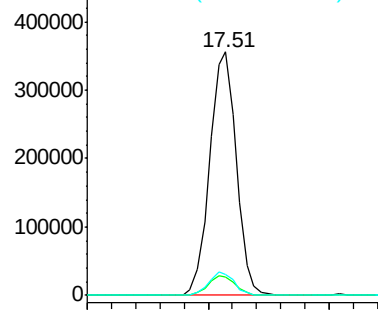
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG030644.D
Acq: 1 Nov 2017 21:24

Instrument :
BNA_G
ClientSampleId :

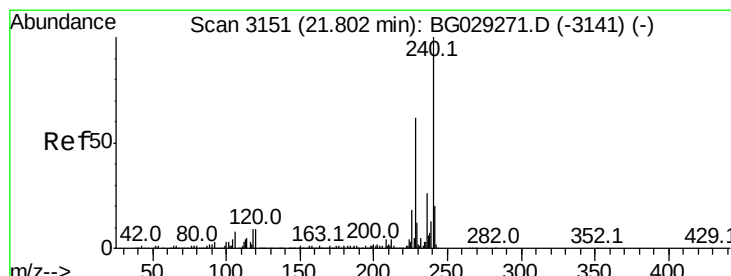
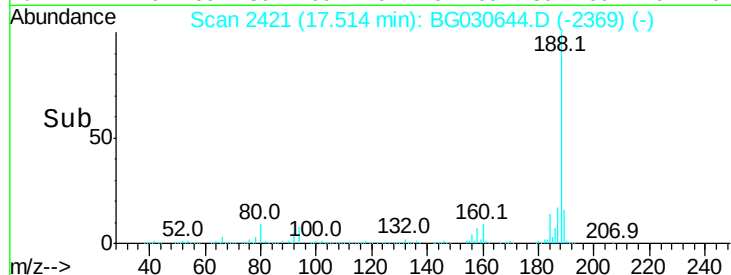
Tot Ion:188 Resp: 547258
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.7 7.7 11.5



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

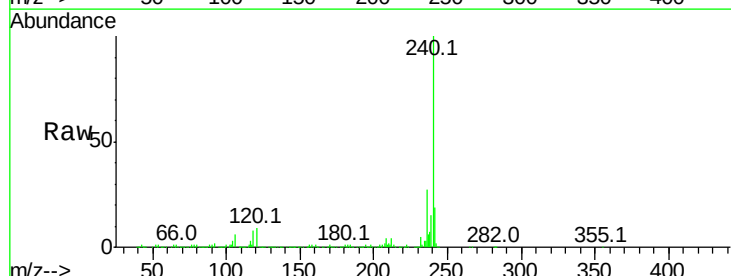


Time--> 17.40 17.50 17.60

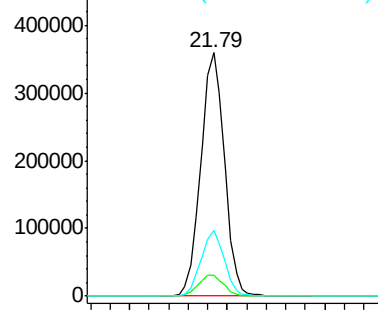


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG030644.D
Acq: 1 Nov 2017 21:24

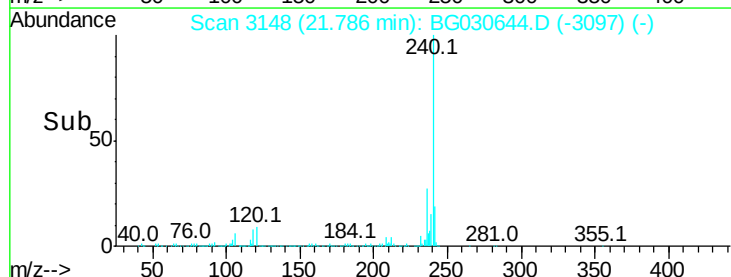
Tgt Ion:240 Resp: 605112
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 26.8 20.9 31.3

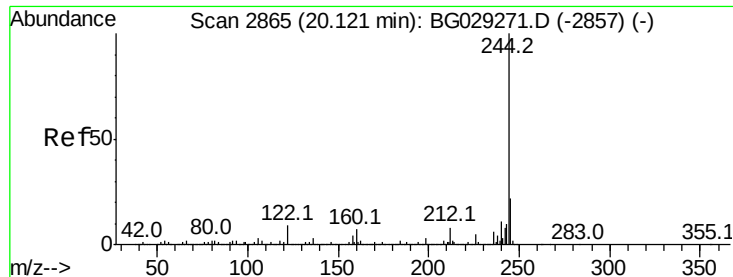


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90





#78

Terphenyl-d14

Concen: 80.191 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030644.D

Acq: 1 Nov 2017 21:24

Instrument :

BNA_G

ClientSampleId :

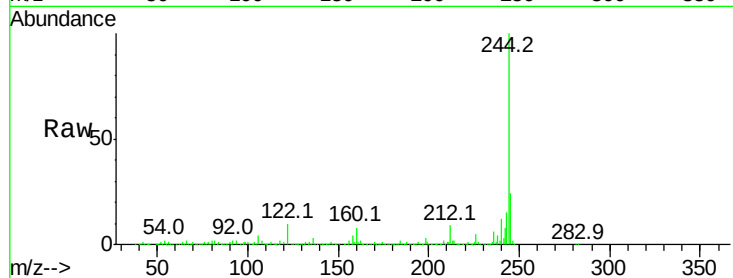
Tot Ion:244 Resp: 2132999

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

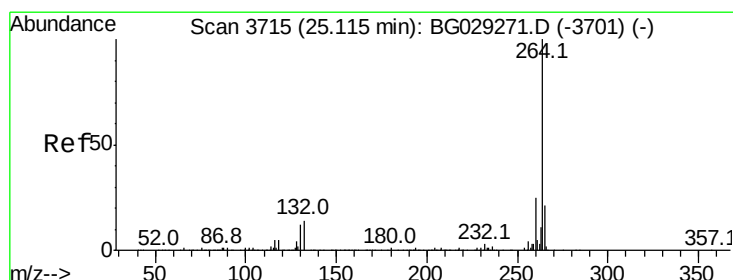
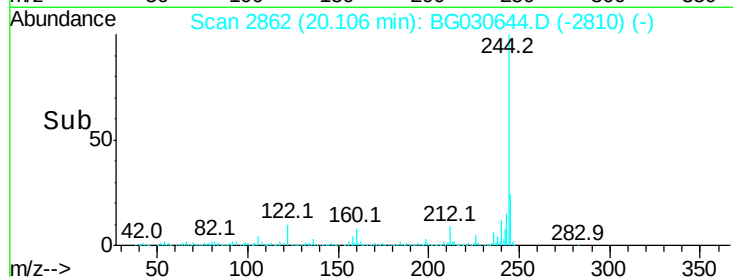
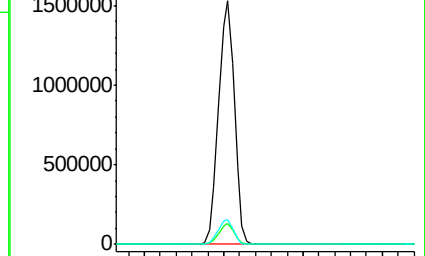
122 10.2 7.0 10.4



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: 25.09 min Scan# 3711

Delta R.T. -0.00 min

Lab File: BG030644.D

Acq: 1 Nov 2017 21:24

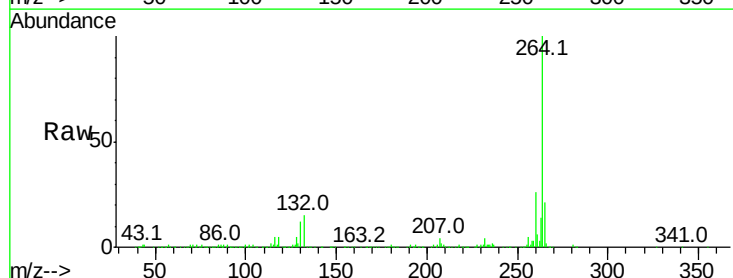
Tgt Ion:264 Resp: 594979

Ion Ratio Lower Upper

264 100

260 26.0 17.4 26.0#

265 21.3 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

