

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030514.D
 Acq On : 28 Oct 2017 2:01
 Operator : SJ/JU
 Sample : I6146-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 28 04:28:12 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	66928	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	311818	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	204633	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	480675	20.00	ng	0.00
75) Chrysene-d12	21.79	240	519744	20.00	ng	0.00
86) Perylene-d12	25.11	264	488452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	530143	132.33	ng	0.00
7) Phenol-d6	7.32	99	651312	115.82	ng	0.00
23) Nitrobenzene-d5	9.33	82	467236	95.22	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	295148	111.71	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1216447	87.19	ng	0.00
78) Terphenyl-d14	20.11	244	1978208	86.59	ng	0.00

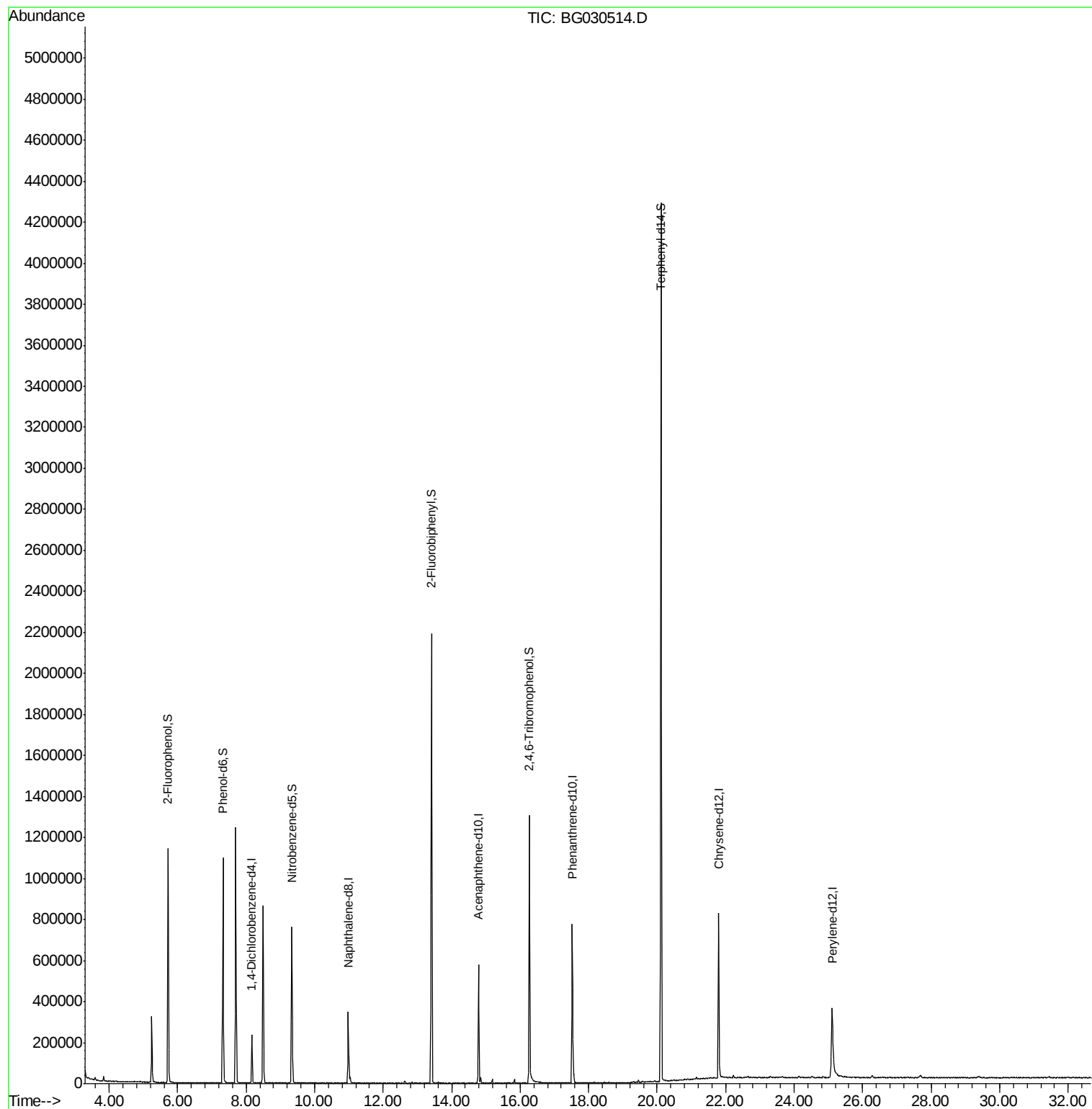
Target Compounds Qvalue

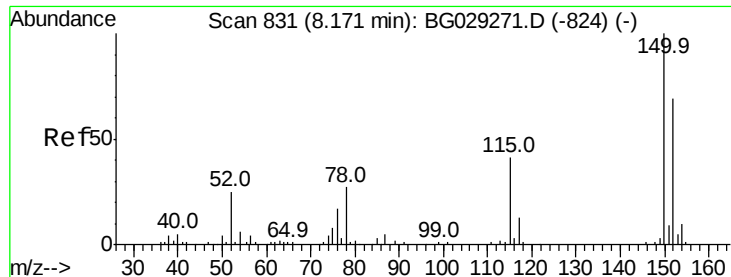
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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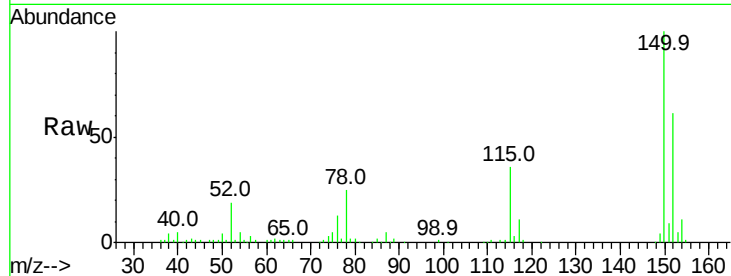


#1

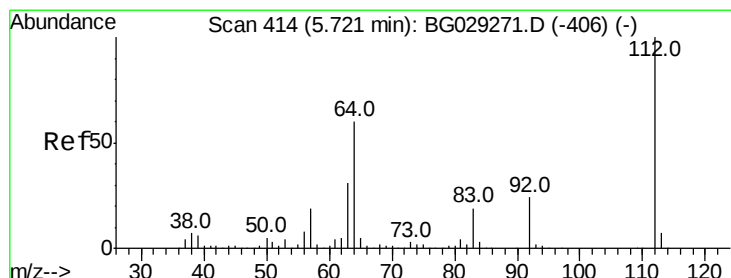
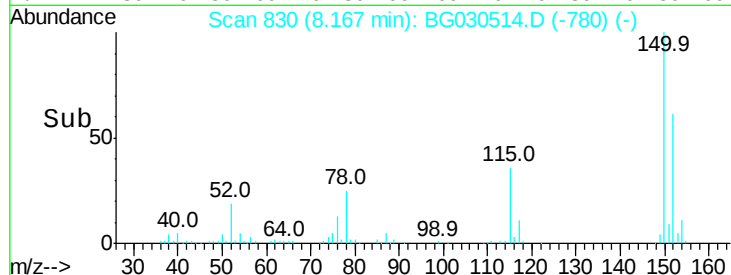
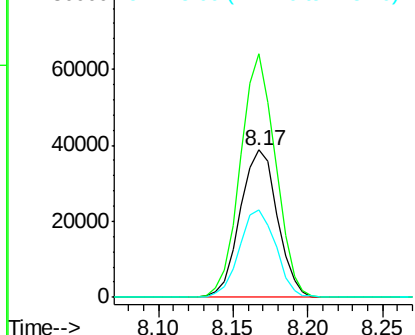
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030514.D
Acq: 28 Oct 2017 2:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66928
Ion Ratio Lower Upper
152 100
150 165.0 126.6 189.8
115 59.5 53.0 79.4



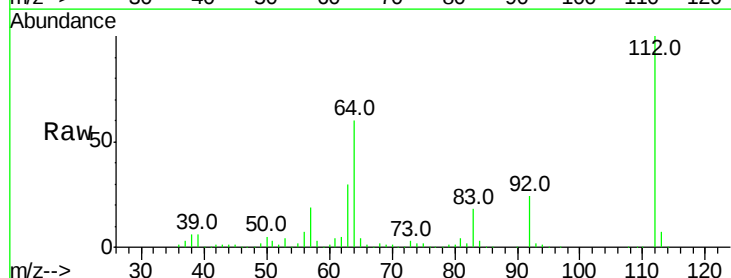
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



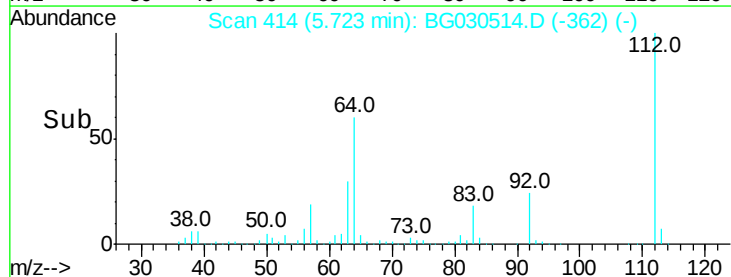
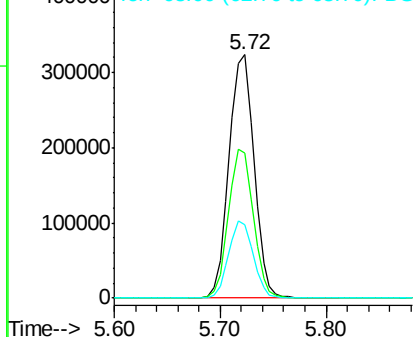
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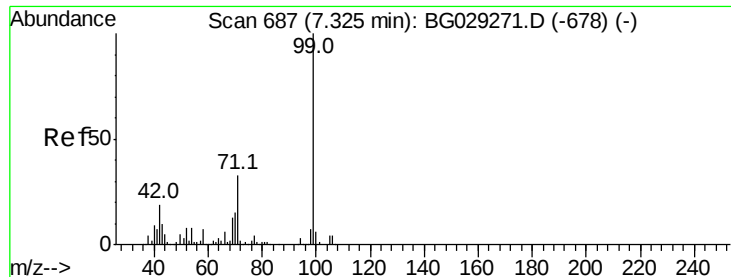
2-Fluorophenol
Concen: 132.326 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030514.D
Acq: 28 Oct 2017 2:01

Tgt Ion:112 Resp: 530143
Ion Ratio Lower Upper
112 100
64 59.8 56.3 84.5
63 30.4 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: 115.819 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030514.D

Acq: 28 Oct 2017 2:01

Instrument :

BNA_G

ClientSampled :

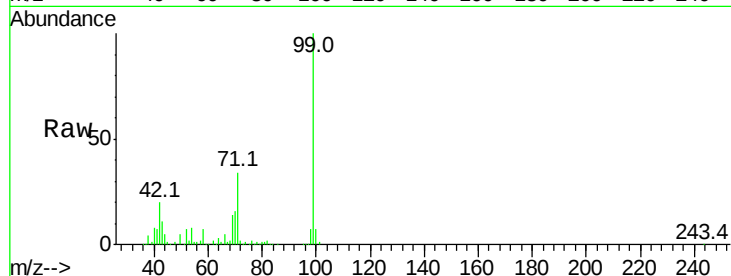
Tot Ion: 99 Resp: 651312

Ion Ratio Lower Upper

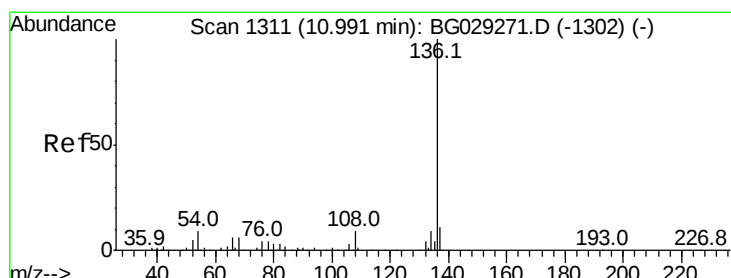
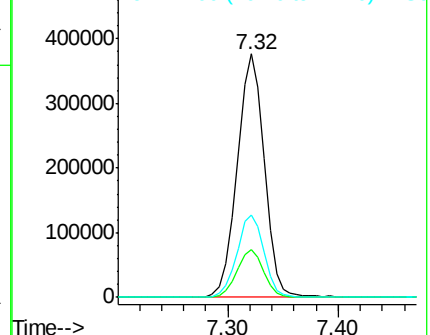
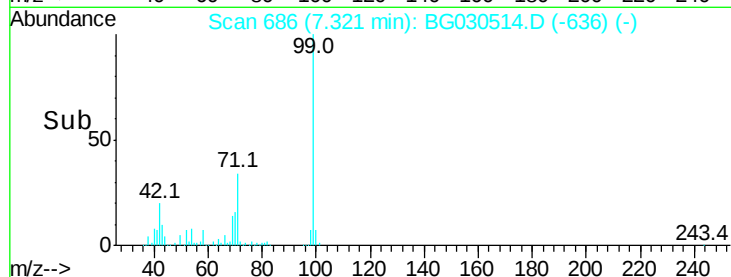
99 100

42 19.9 14.1 21.1

71 33.9 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: BG030514.D

Acq: 28 Oct 2017 2:01

Tgt Ion: 136 Resp: 311818

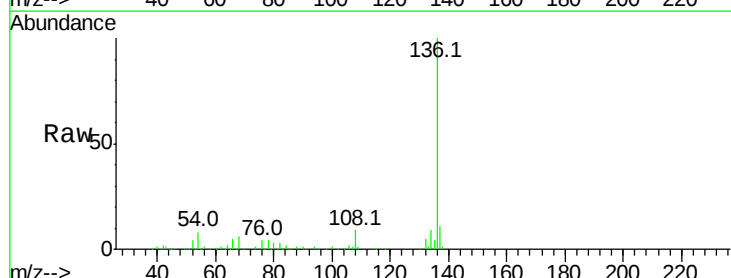
Ion Ratio Lower Upper

136 100

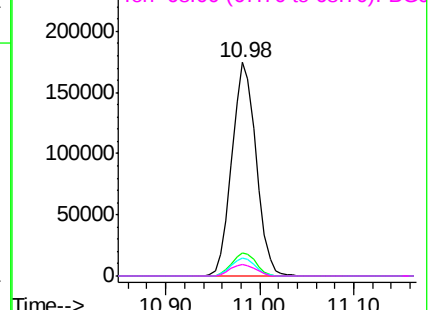
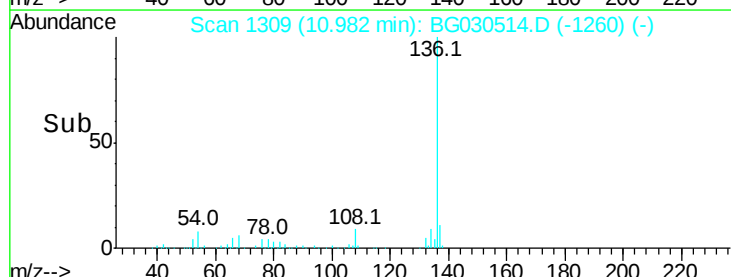
137 10.9 9.2 13.8

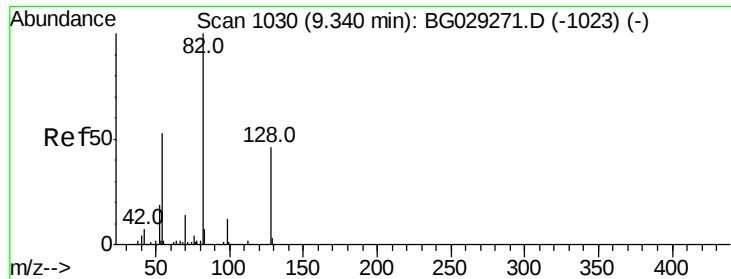
54 8.2 10.3 15.5#

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

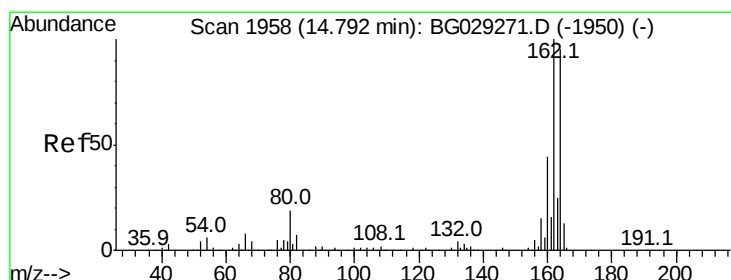
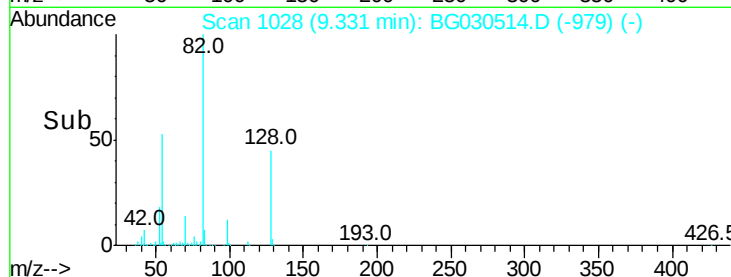
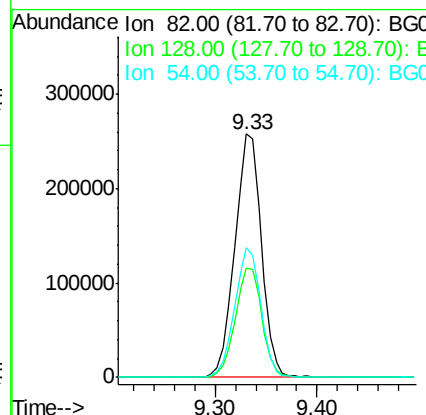
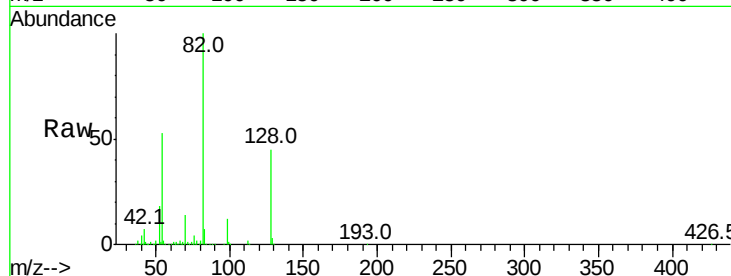




#23
Nitrobenzene-d5
Concen: 95.221 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030514.D
Acq: 28 Oct 2017 2:01

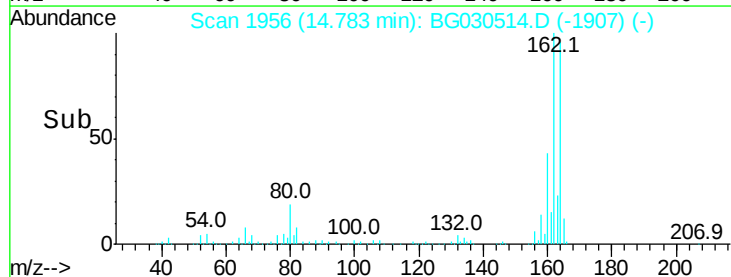
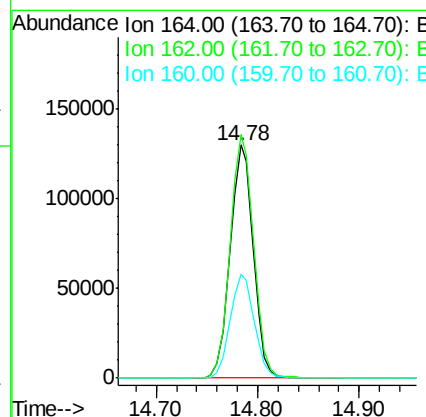
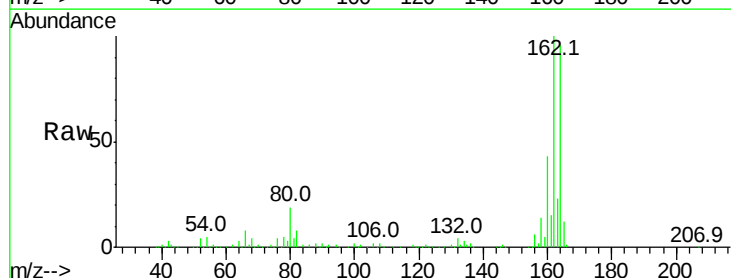
Instrument :
BNA_G
ClientSampleId :

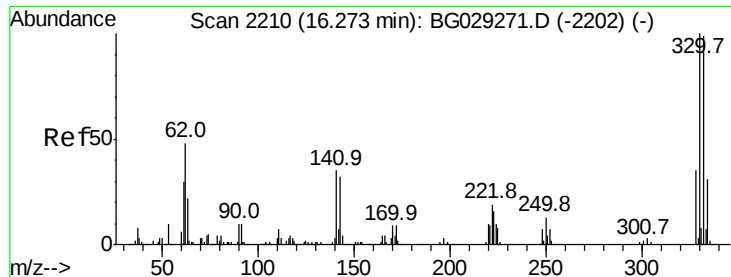
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	53.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030514.D
Acq: 28 Oct 2017 2:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.8	118.2
160	44.6	35.4	53.0

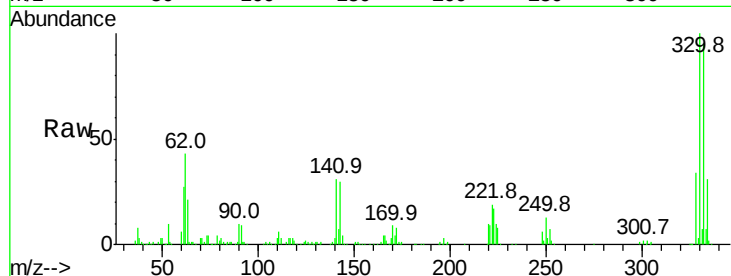




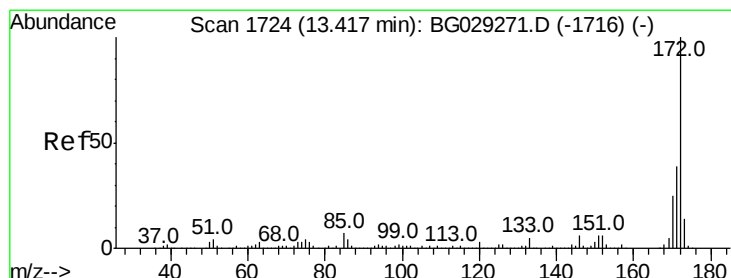
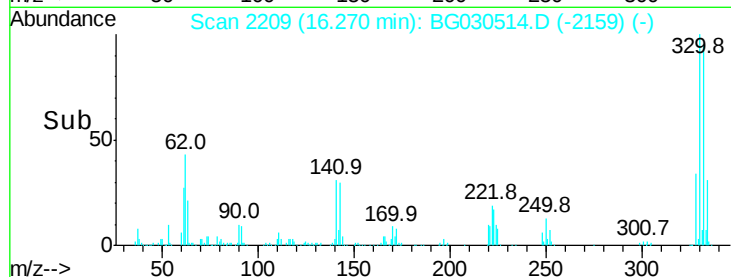
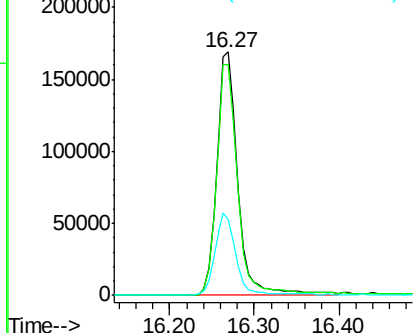
#41
 2,4,6-Tribromophenol
 Concen: 111.713 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030514.D
 Acq: 28 Oct 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.4	25.2	37.8

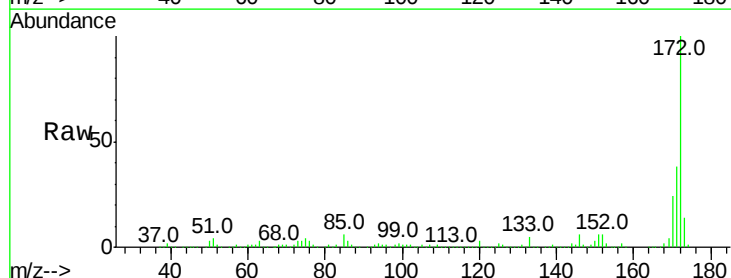


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

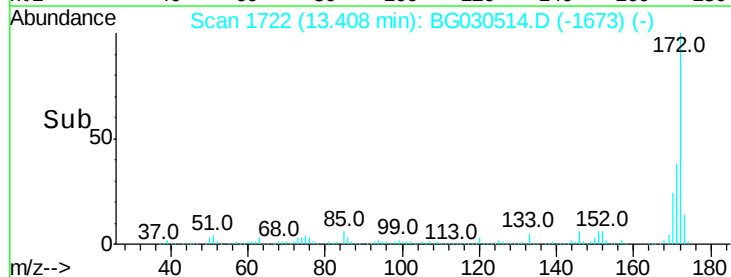
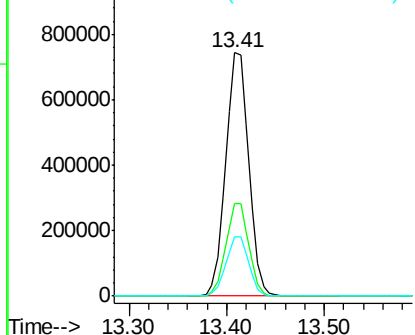


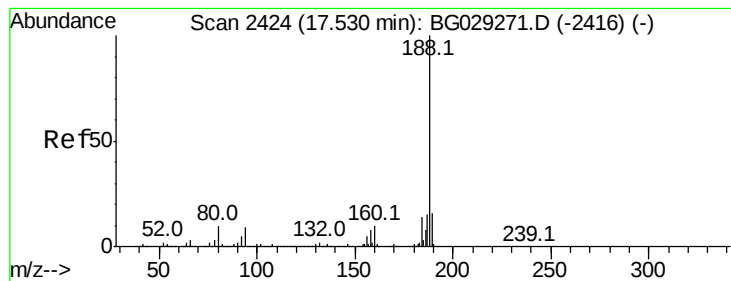
#44
 2-Fluorobiphenyl
 Concen: 87.186 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030514.D
 Acq: 28 Oct 2017 2:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.5	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: BG030514.D

Acq: 28 Oct 2017 2:01

Instrument :

BNA_G

ClientSampleId :

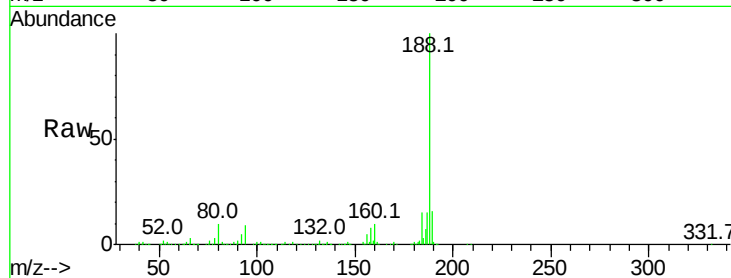
Tot Ion:188 Resp: 480675

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

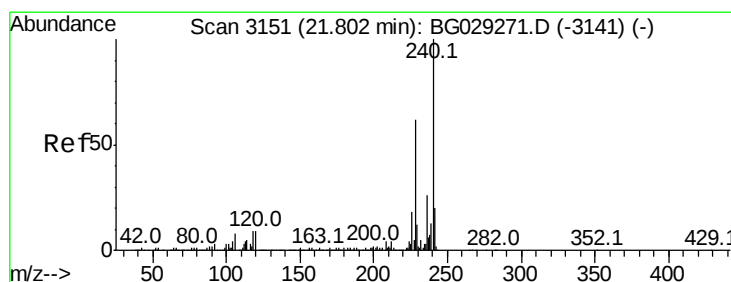
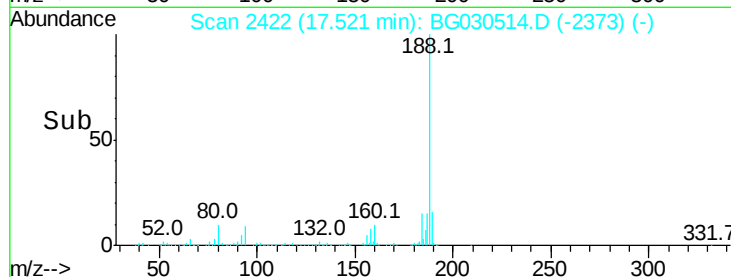
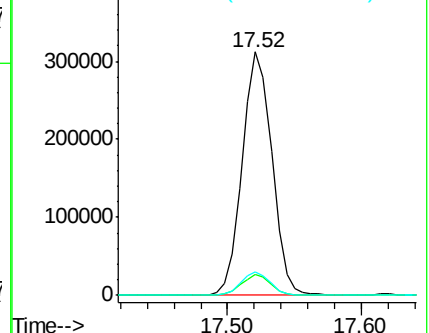
80 9.9 7.7 11.5



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: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030514.D

Acq: 28 Oct 2017 2:01

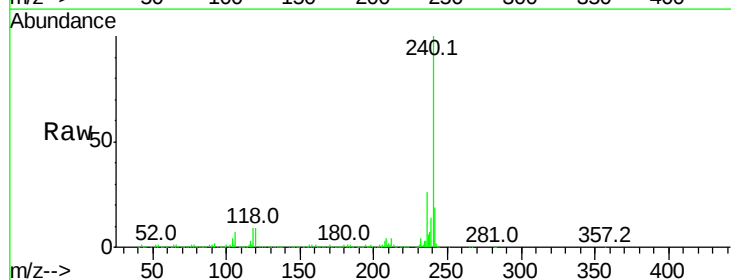
Tgt Ion:240 Resp: 519744

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

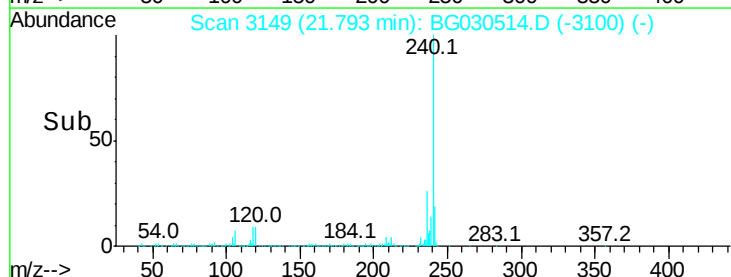
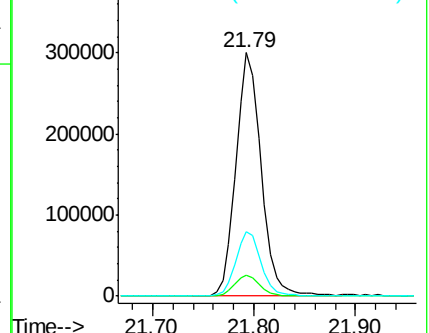
236 26.3 20.9 31.3

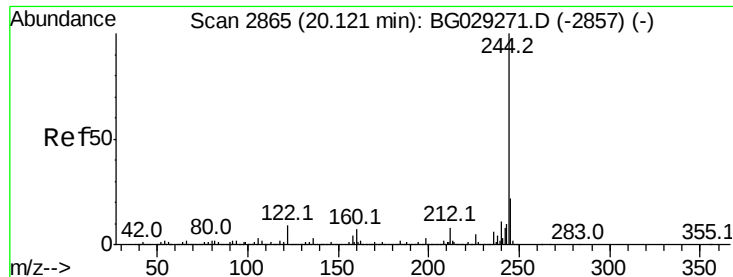


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



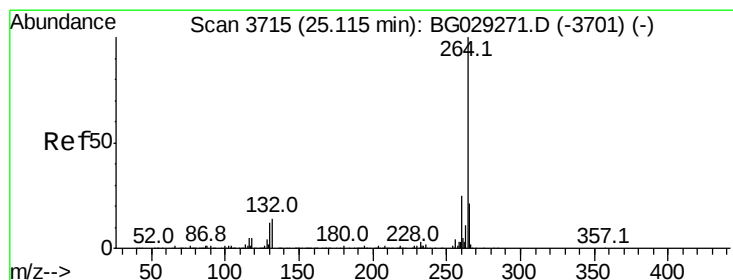
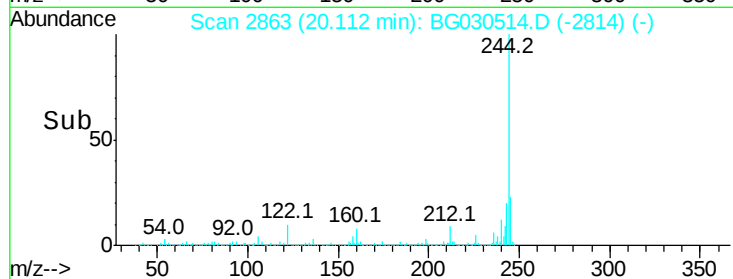
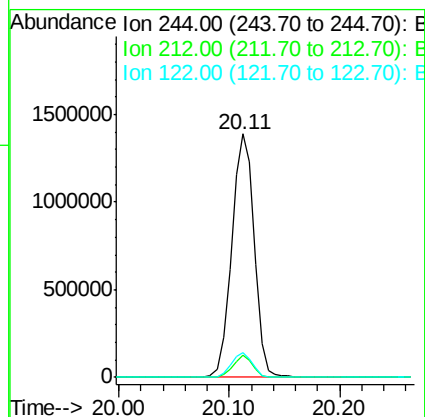
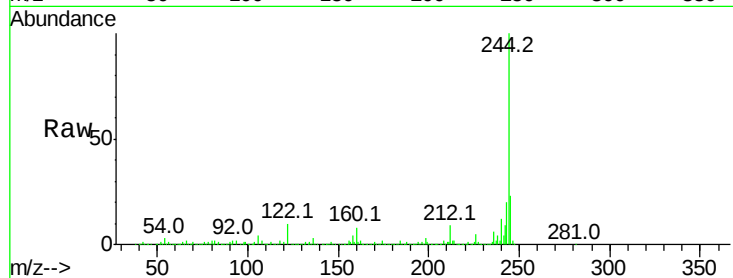


#78
 Terphenyl-d14
 Concen: 86.587 ng
 RT: 20.11 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG030514.D
 Acq: 28 Oct 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1978208

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	10.2	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BG030514.D
 Acq: 28 Oct 2017 2:01

Tgt Ion:264 Resp: 488452

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.0	17.7	26.5

