

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030574.D
 Acq On : 29 Oct 2017 23:24
 Operator : SJ/JU
 Sample : I6094-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 08:05:13 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

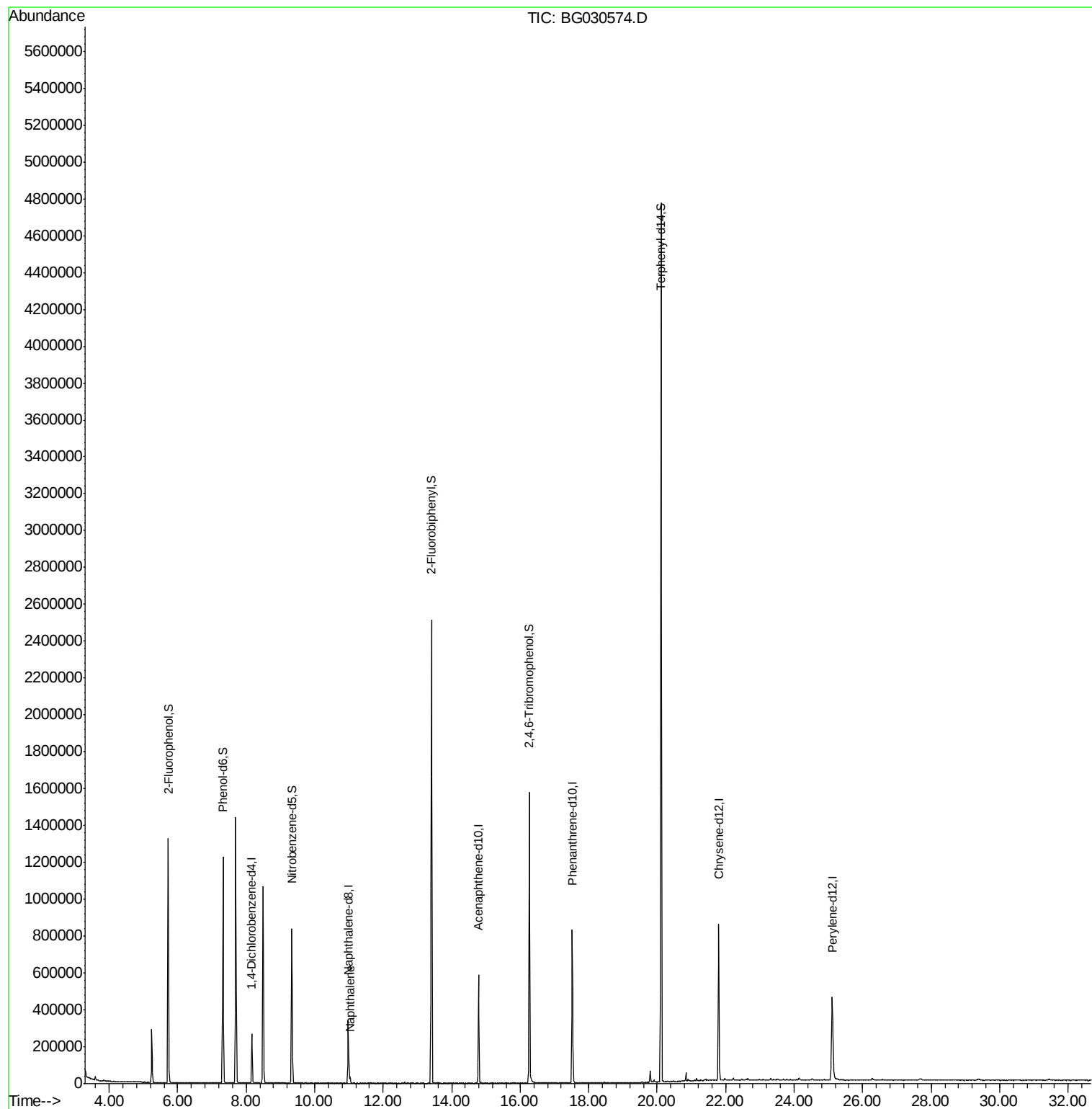
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	75207	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	315858	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	210009	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	521543	20.00	ng	0.00
75) Chrysene-d12	21.80	240	550396	20.00	ng	0.00
86) Perylene-d12	25.11	264	546368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	617812	137.23	ng	0.00
7) Phenol-d6	7.32	99	740913	117.25	ng	0.00
23) Nitrobenzene-d5	9.33	82	517571	104.13	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	338236	124.74	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1376477	96.13	ng	0.00
78) Terphenyl-d14	20.11	244	2192662	90.63	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	32844	2.086	ng	Qvalue 98

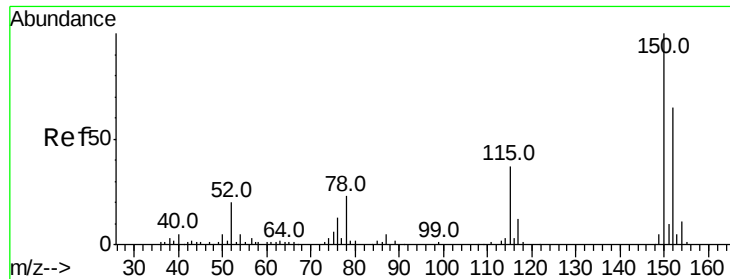
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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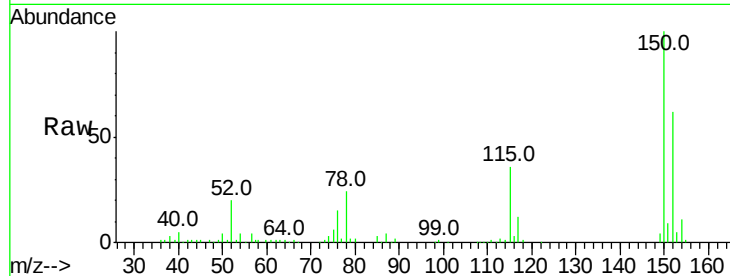




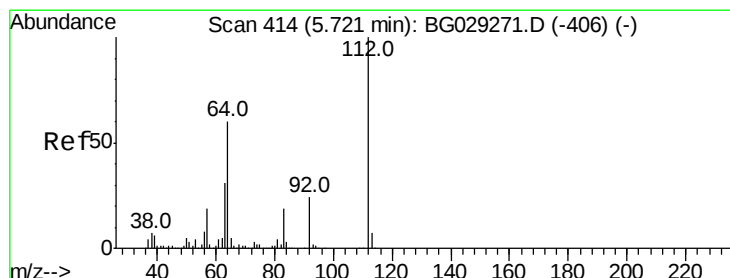
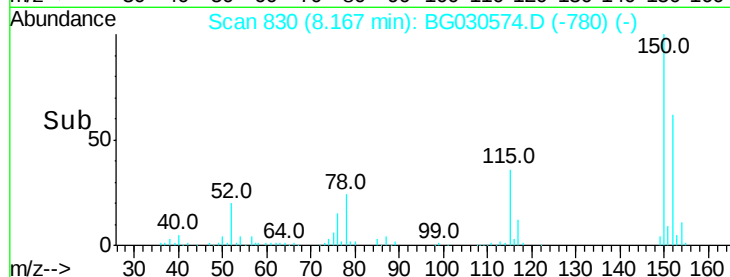
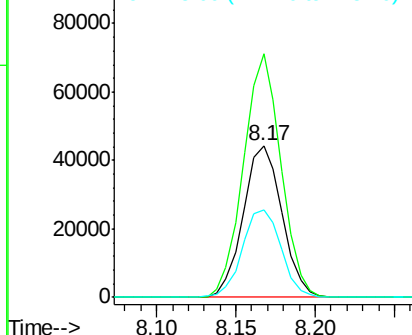
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG030574.D
 Acq: 29 Oct 2017 23:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.6	189.8
115	57.5	53.0	79.4

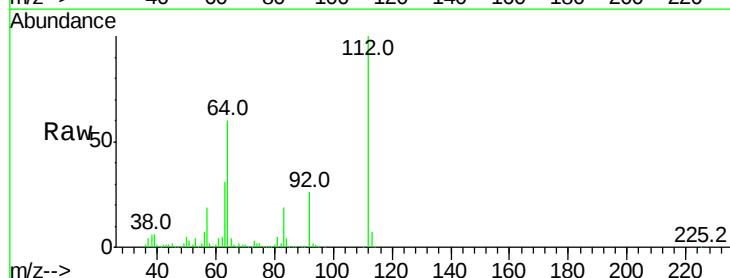


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

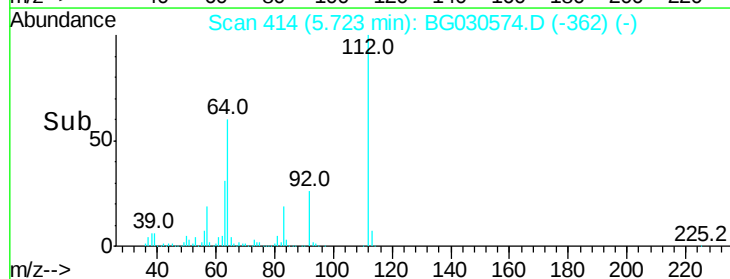
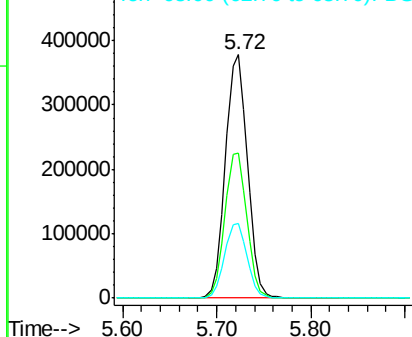


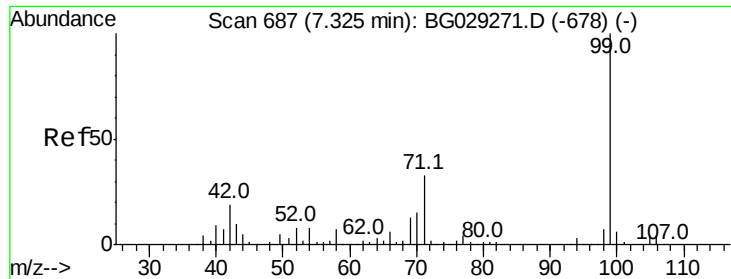
#5
 2-Fluorophenol
 Concen: 137.233 ng
 RT: 5.72 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BG030574.D
 Acq: 29 Oct 2017 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	56.3	84.5
63	30.6	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 117.249 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030574.D

Acq: 29 Oct 2017 23:24

Instrument :

BNA_G

ClientSampleId :

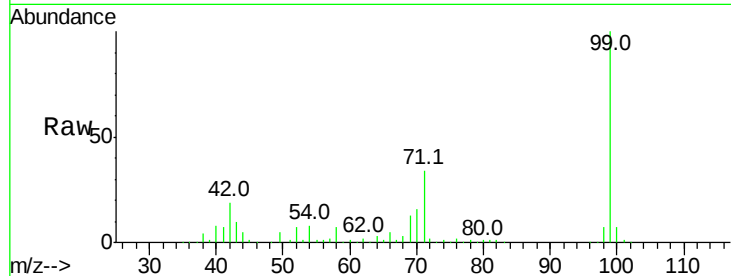
Tot Ion: 99 Resp: 740913

Ion Ratio Lower Upper

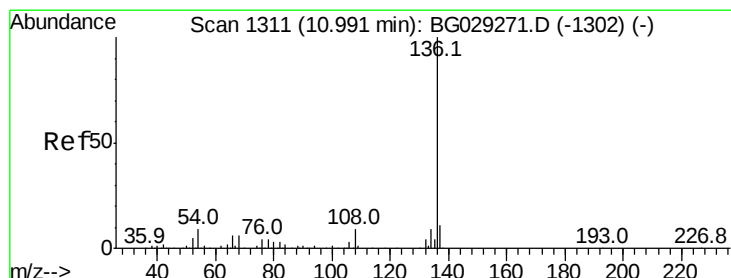
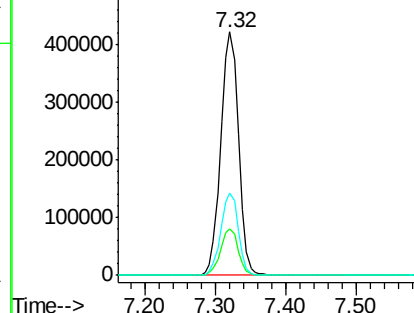
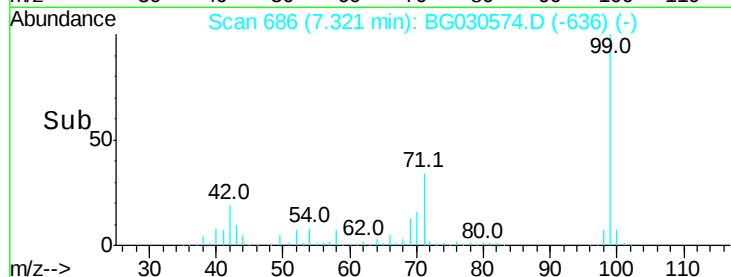
99 100

42 19.2 14.1 21.1

71 33.8 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: BG030574.D

Acq: 29 Oct 2017 23:24

Tgt Ion: 136 Resp: 315858

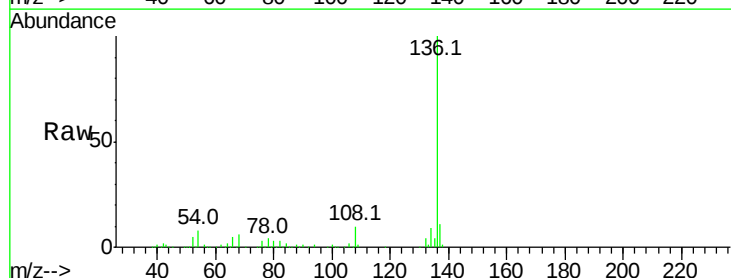
Ion Ratio Lower Upper

136 100

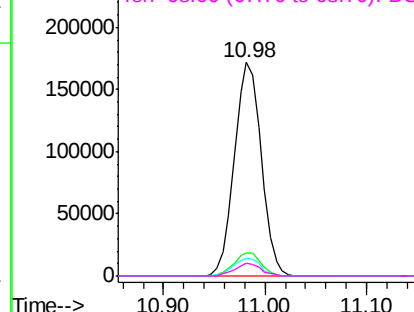
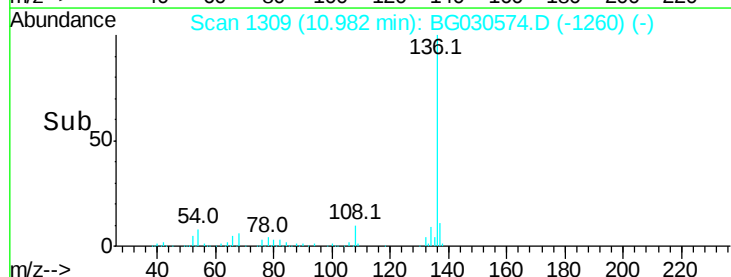
137 10.6 9.2 13.8

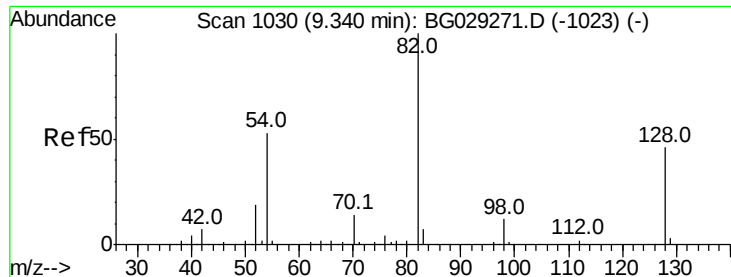
54 8.2 10.3 15.5#

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

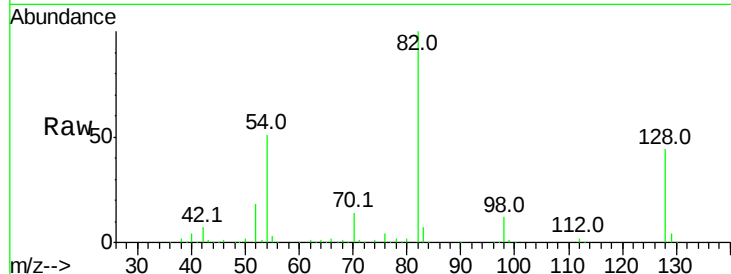




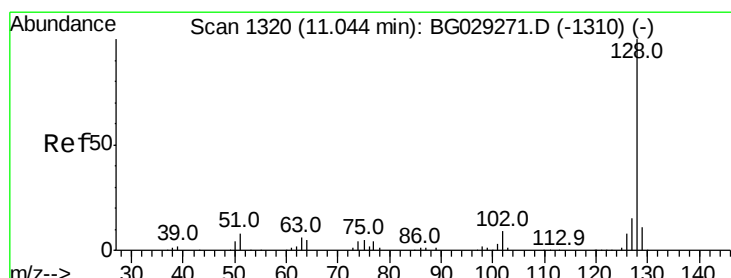
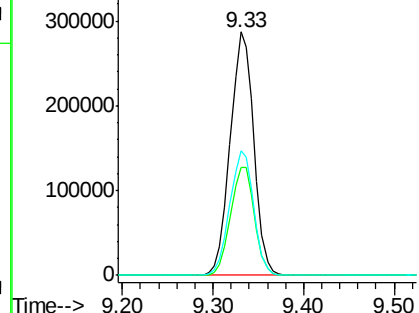
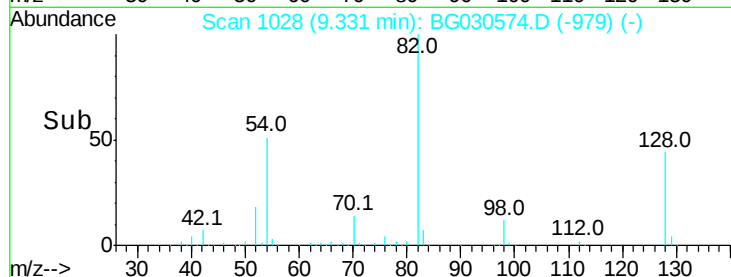
#23
 Nitrobenzene-d5
 Concen: 104.130 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030574.D
 Acq: 29 Oct 2017 23:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	517571
Ion Ratio	100	Lower	Upper
128	44.2	29.7	44.5
54	51.3	43.1	64.7

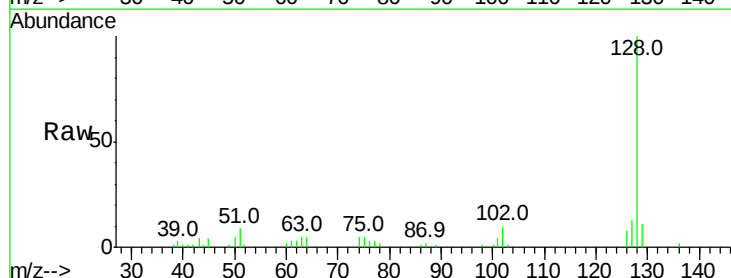


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

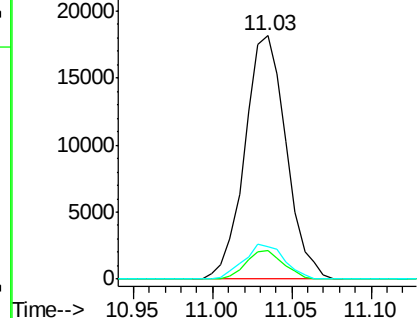
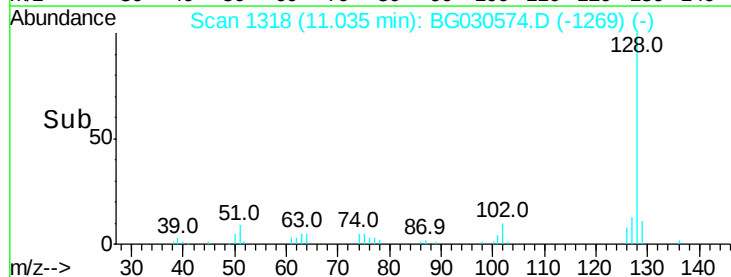


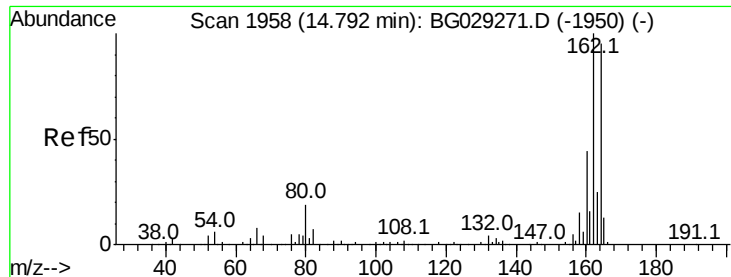
#31
 Naphthalene
 Concen: 2.086 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG030574.D
 Acq: 29 Oct 2017 23:24

Tgt Ion	128	Resp	32844
Ion Ratio	100	Lower	Upper
129	11.5	8.6	12.8
127	13.4	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

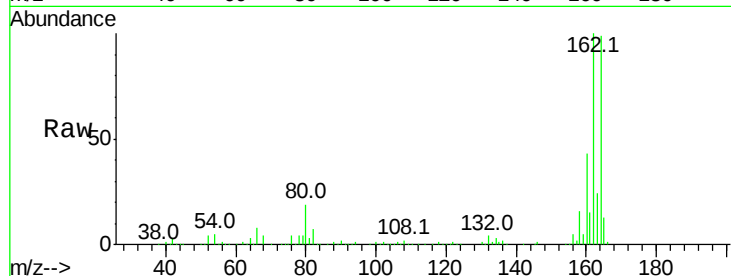




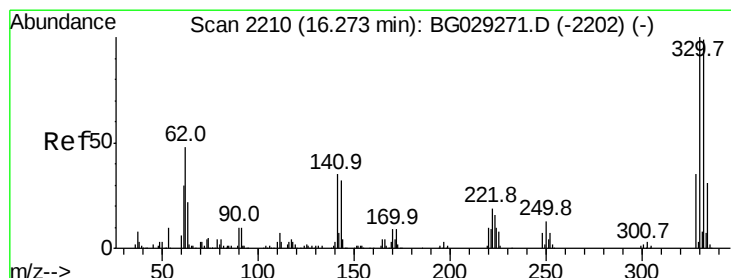
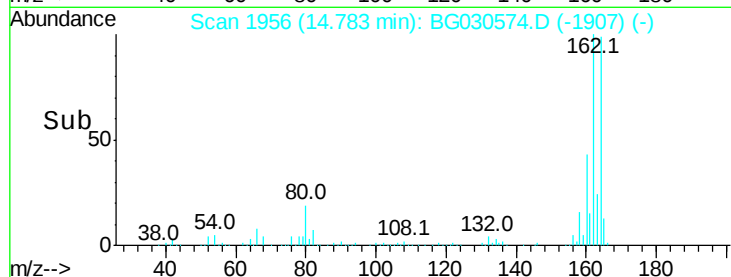
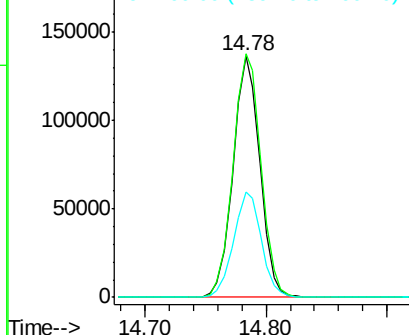
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030574.D
Acq: 29 Oct 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 210009
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 43.6 35.4 53.0

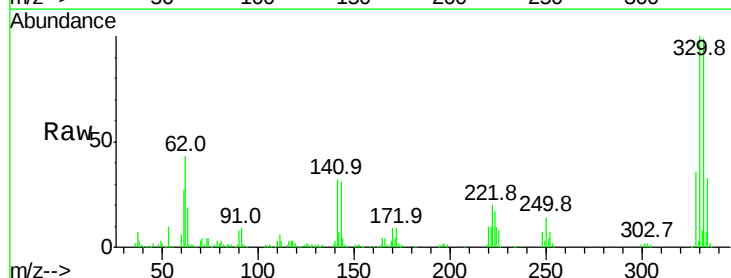


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

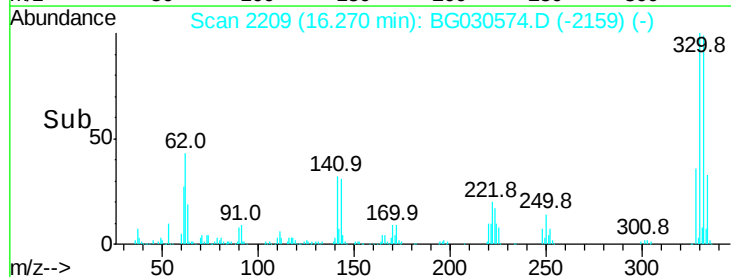
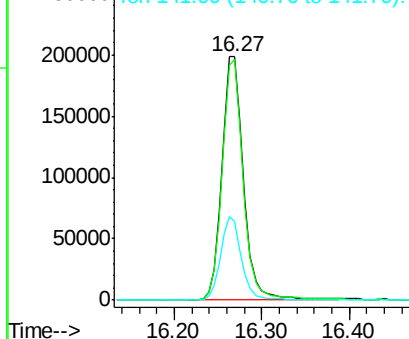


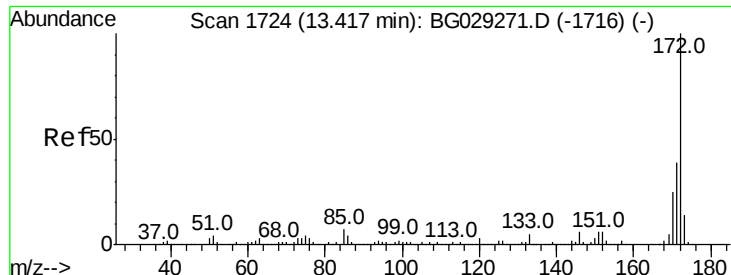
#41
2,4,6-Tribromophenol
Concen: 124.744 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG030574.D
Acq: 29 Oct 2017 23:24

Tgt Ion:330 Resp: 338236
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 33.5 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



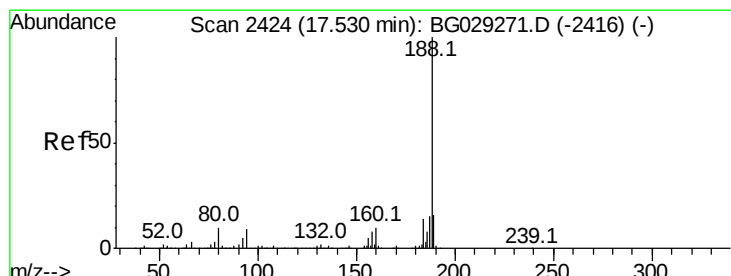
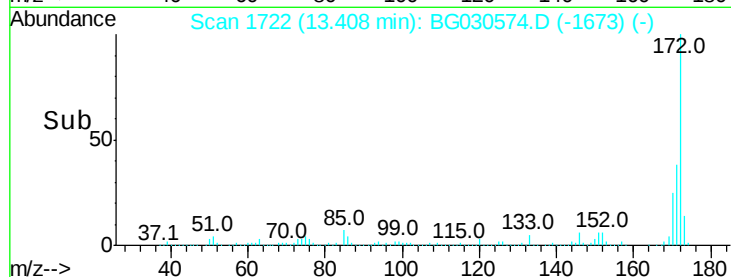
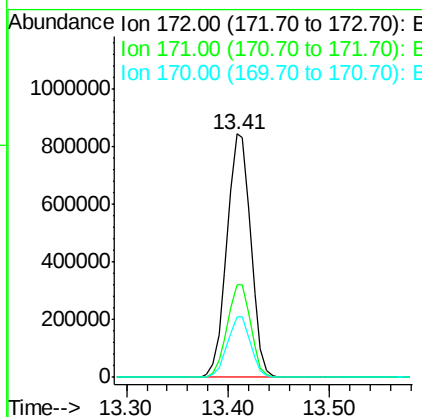
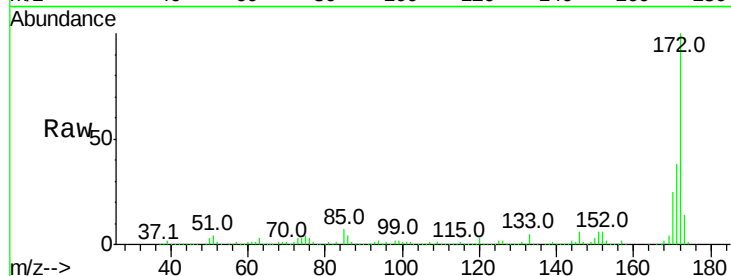


#44
 2-Fluorobiphenyl
 Concen: 96.130 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030574.D
 Acq: 29 Oct 2017 23:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1376477

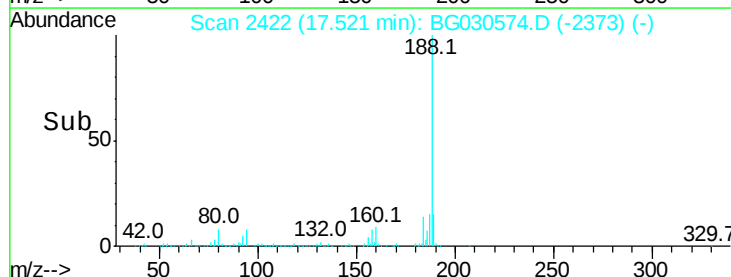
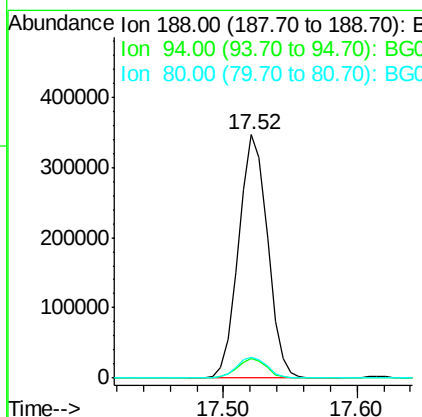
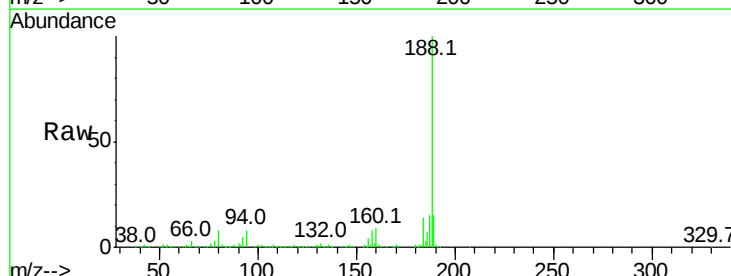
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.9	19.5	29.3

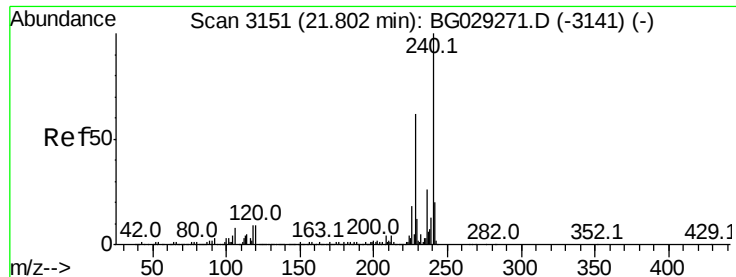


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030574.D
 Acq: 29 Oct 2017 23:24

Tgt Ion:188 Resp: 521543

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.5	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: BG030574.D

Acq: 29 Oct 2017 23:24

Instrument :

BNA_G

ClientSampleId :

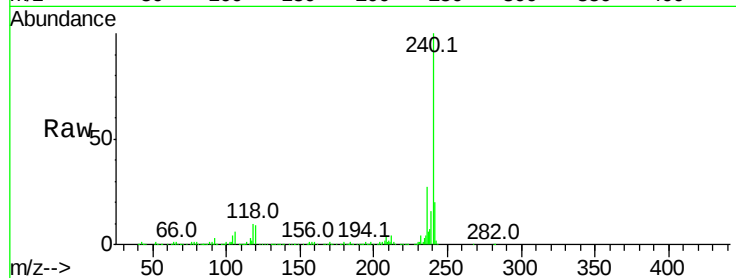
Tot Ion:240 Resp: 550396

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

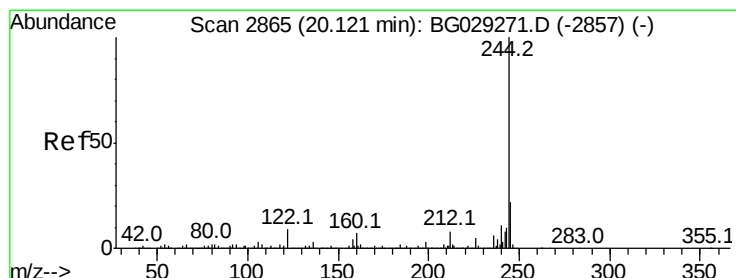
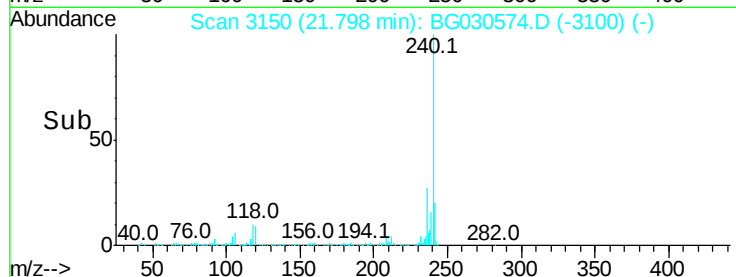
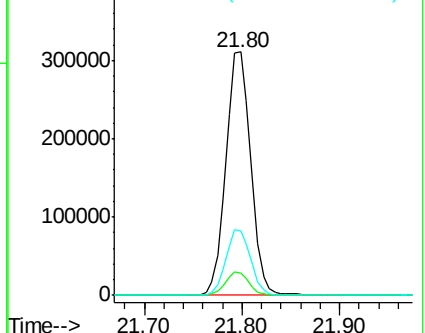
236 26.5 20.9 31.3



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: 90.628 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030574.D

Acq: 29 Oct 2017 23:24

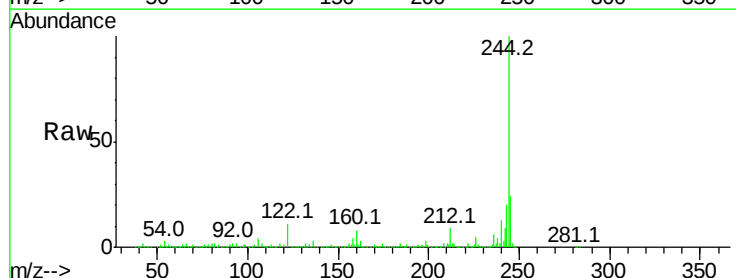
Tgt Ion:244 Resp: 2192662

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

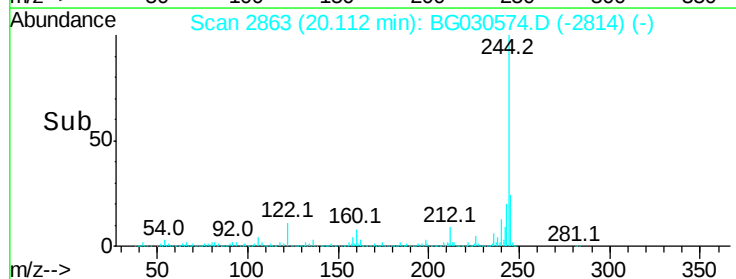
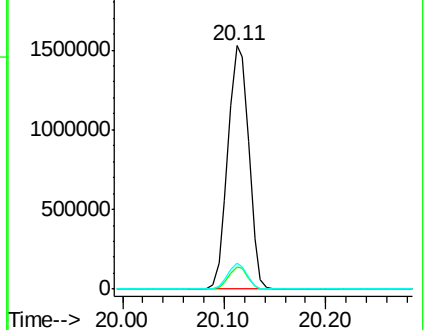
122 10.7 7.0 10.4#

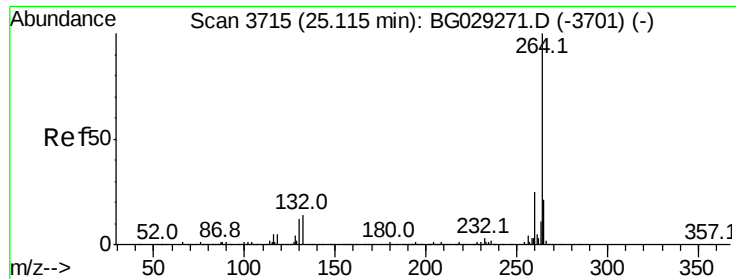


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

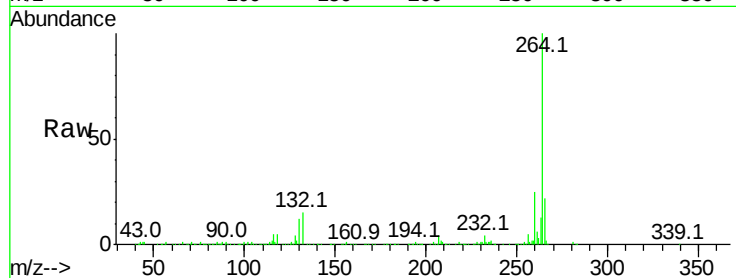




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG030574.D
Acq: 29 Oct 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	21.9	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

