

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030545.D
 Acq On : 29 Oct 2017 3:21
 Operator : SJ/JU
 Sample : I6080-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)

Quant Time: Oct 30 07:36:44 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	69826	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	297276	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	192818	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	502989	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	542627	20.00	ng	-0.01
86) Perylene-d12	25.10	264	541671	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	637622	152.55	ng	0.00
7) Phenol-d6	7.32	99	736725	125.57	ng	0.00
23) Nitrobenzene-d5	9.33	82	533131	113.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	463948	186.36	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1360409	103.48	ng	-0.01
78) Terphenyl-d14	20.11	244	2304662	96.62	ng	-0.01

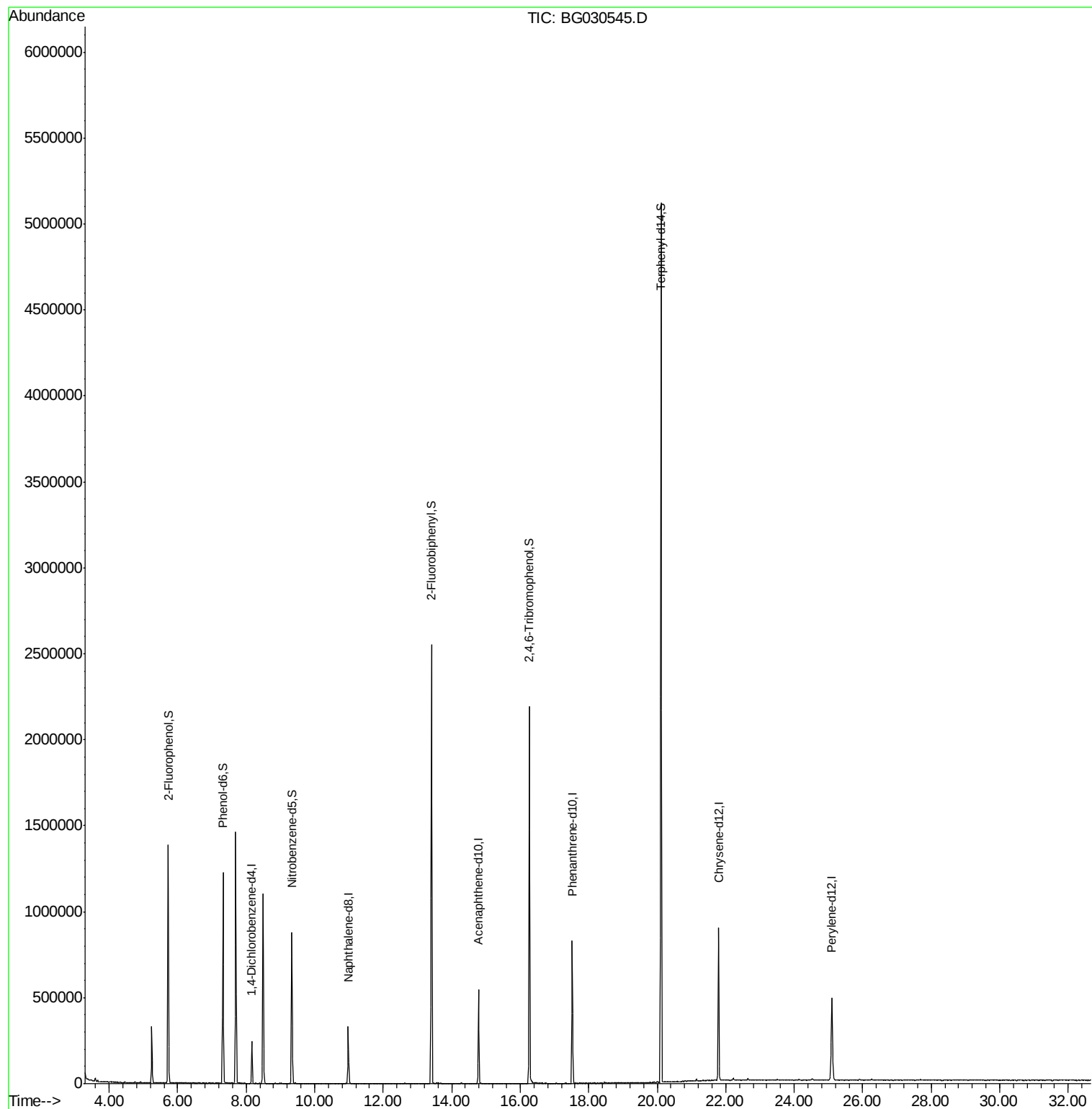
Target Compounds Qvalue

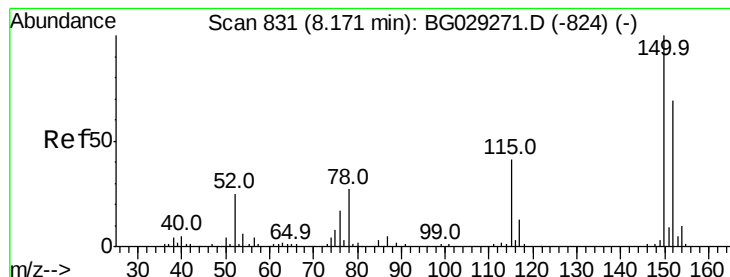
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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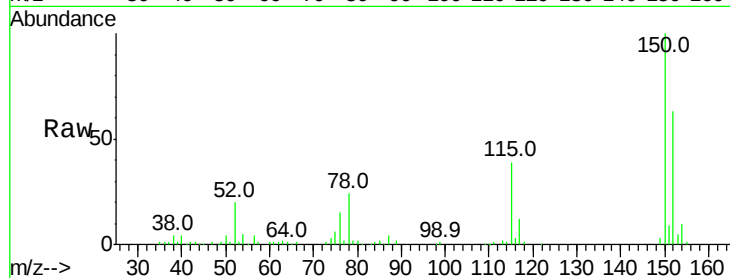


#1

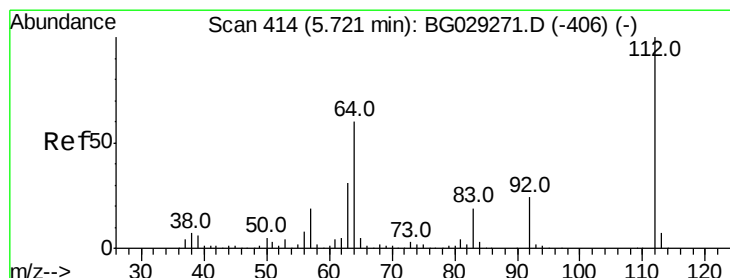
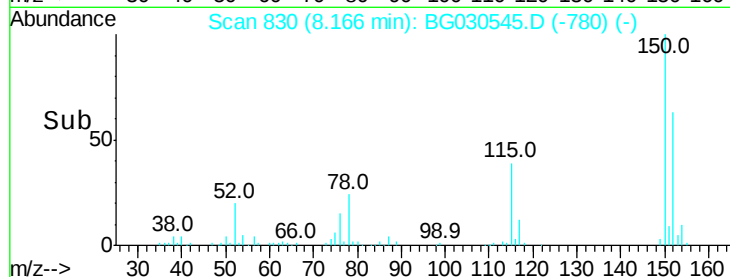
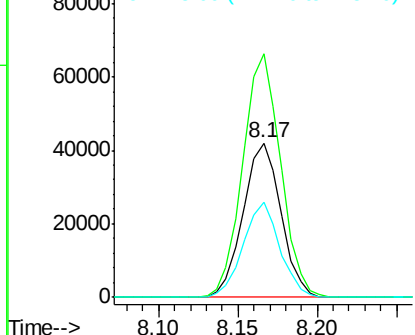
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG030545.D
 Acq: 29 Oct 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)

Tot Ion:152 Resp: 69826
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.6 189.8
 115 62.0 53.0 79.4



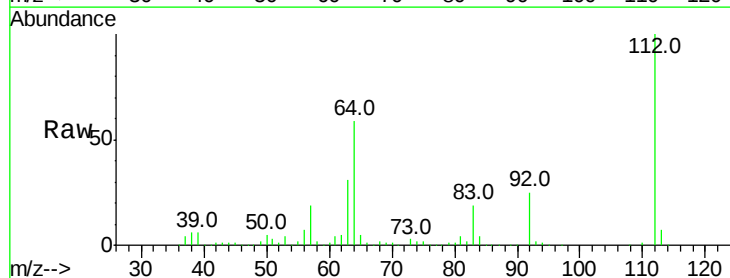
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



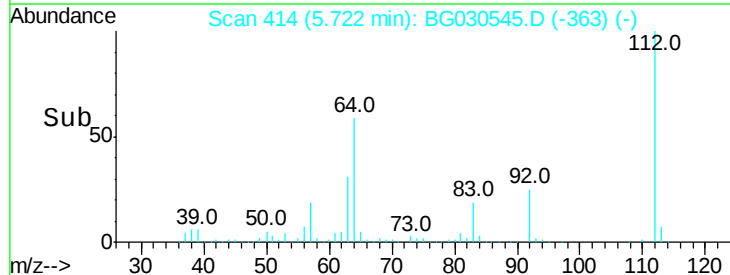
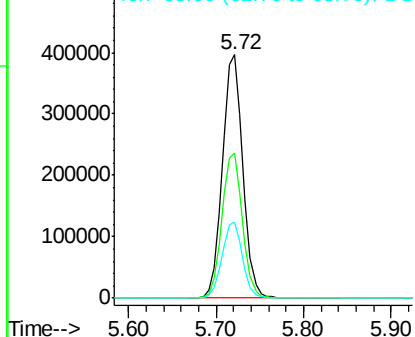
#5

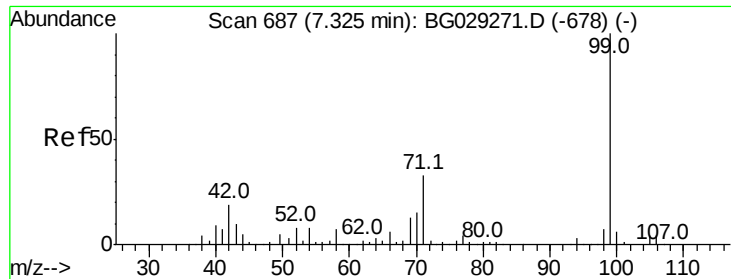
2-Fluorophenol
 Concen: 152.548 ng
 RT: 5.72 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BG030545.D
 Acq: 29 Oct 2017 3:21

Tgt Ion:112 Resp: 637622
 Ion Ratio Lower Upper
 112 100
 64 59.3 56.3 84.5
 63 30.9 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: 125.570 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030545.D

Acq: 29 Oct 2017 3:21

Instrument :

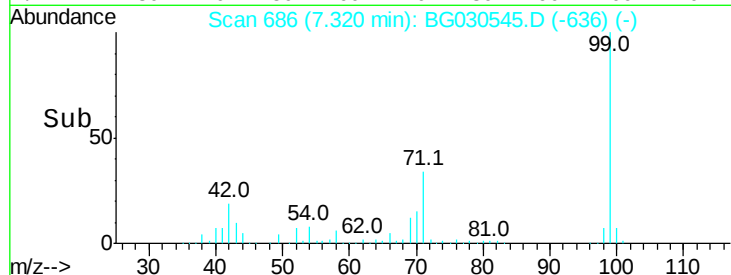
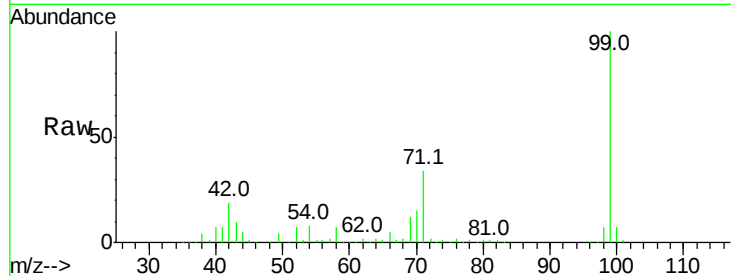
BNA_G

ClientSampleId :

SB-7-FILL(4-7)

Tot Ion: 99 Resp: 736725

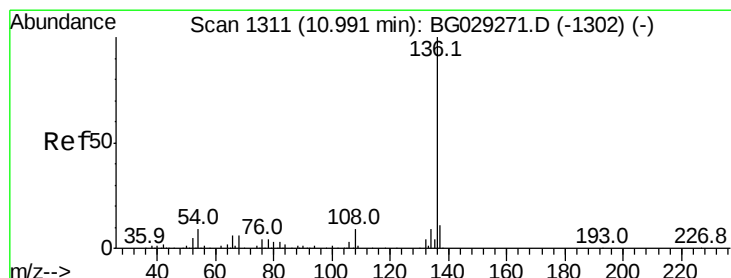
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	34.1	26.1	39.1



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# 1309

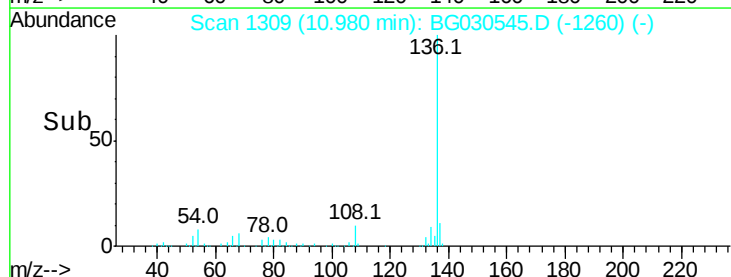
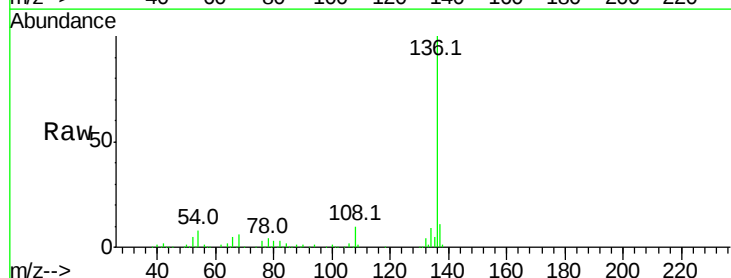
Delta R.T. -0.01 min

Lab File: BG030545.D

Acq: 29 Oct 2017 3:21

Tgt Ion: 136 Resp: 297276

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.1	10.3	15.5#
68	6.0	4.5	6.7

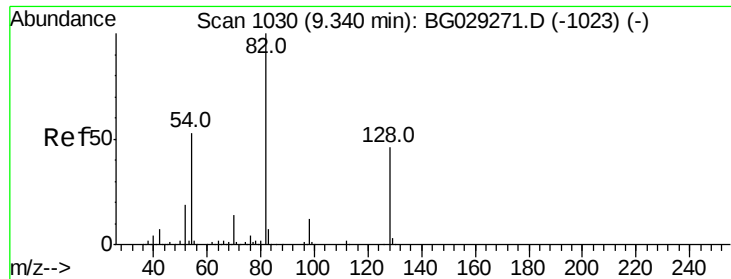


Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

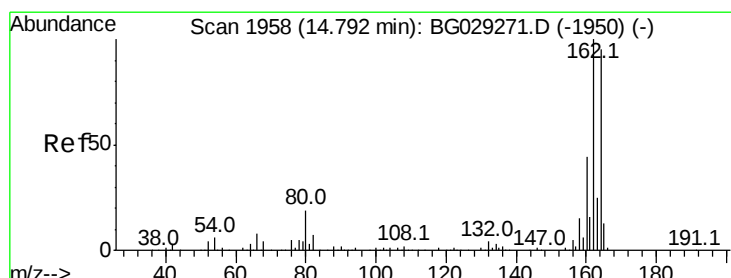
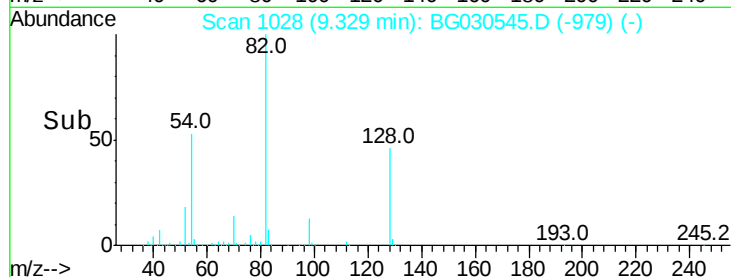
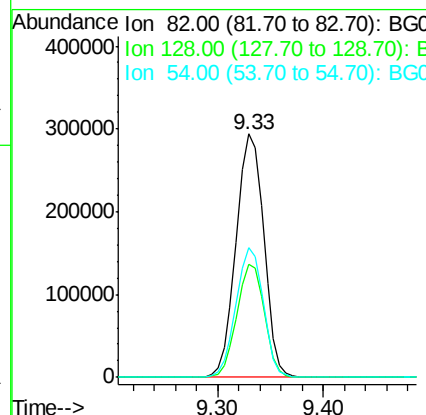
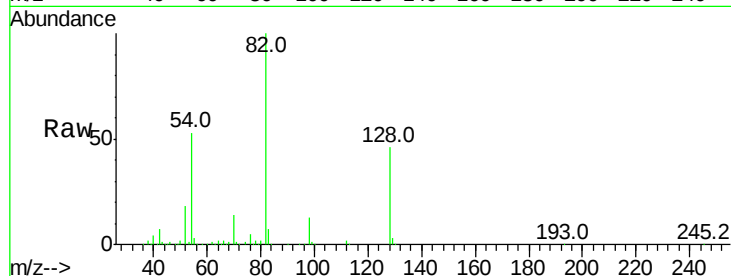
Ion 68.00 (67.70 to 68.70): BGC



#23
 Nitrobenzene-d5
 Concen: 113.965 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030545.D
 Acq: 29 Oct 2017 3:21

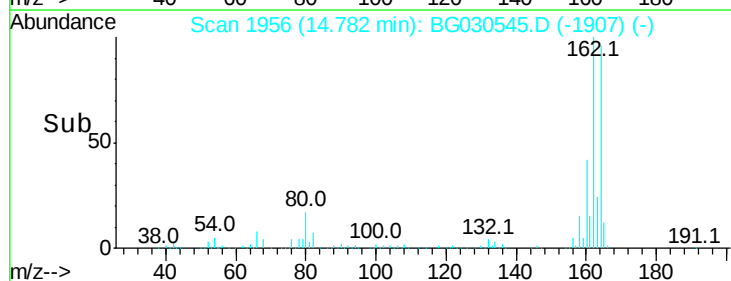
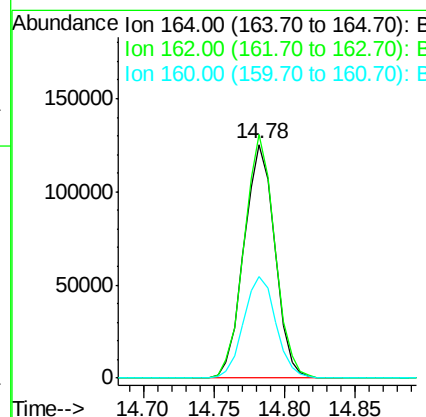
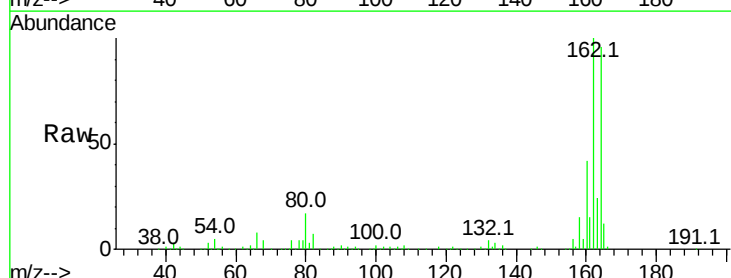
Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)

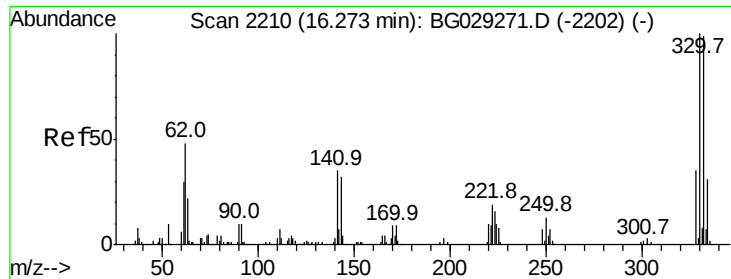
Tot Ion: 82 Resp: 533131
 Ion Ratio Lower Upper
 82 100
 128 46.4 29.7 44.5#
 54 53.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030545.D
 Acq: 29 Oct 2017 3:21

Tgt Ion: 164 Resp: 192818
 Ion Ratio Lower Upper
 164 100
 162 104.2 78.8 118.2
 160 43.6 35.4 53.0

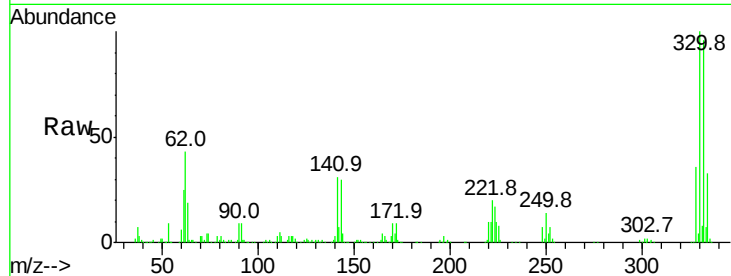




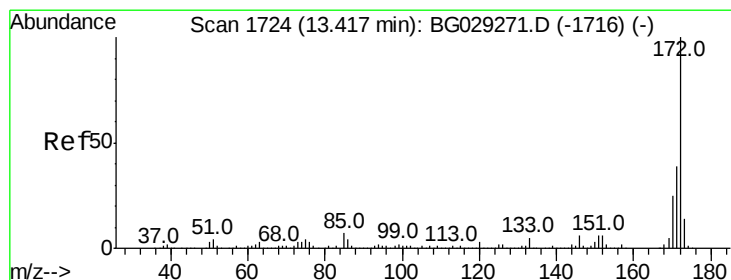
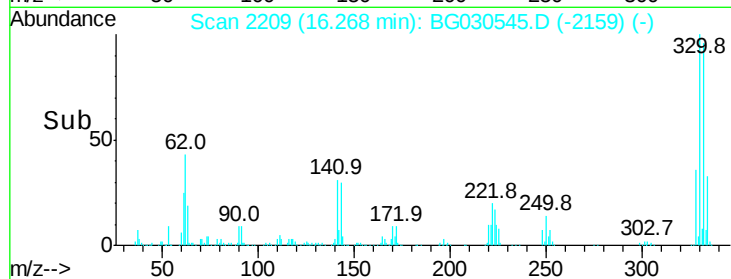
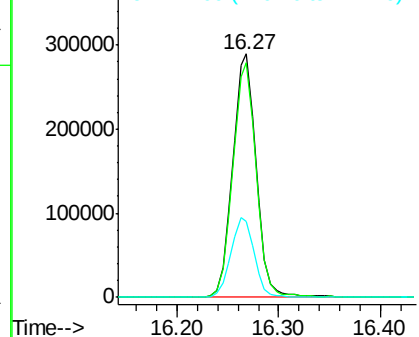
#41
 2,4,6-Tribromophenol
 Concen: 186.364 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030545.D
 Acq: 29 Oct 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.9	25.2	37.8

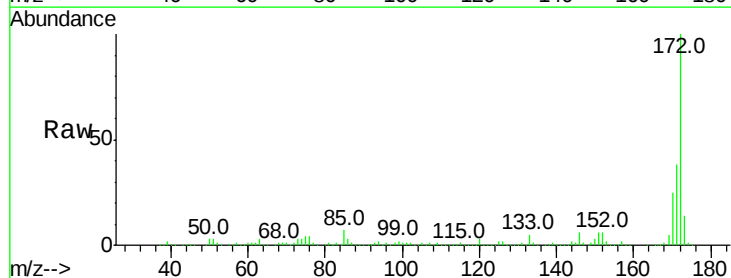


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

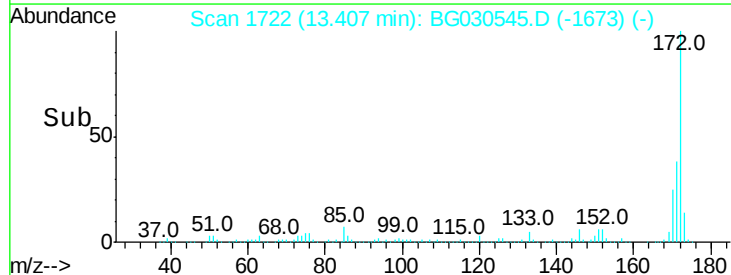
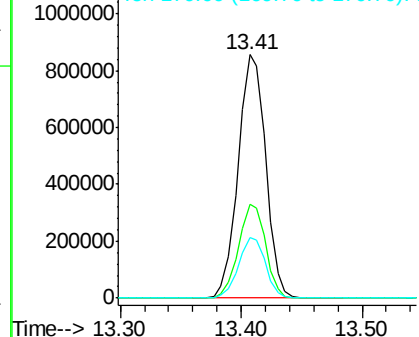


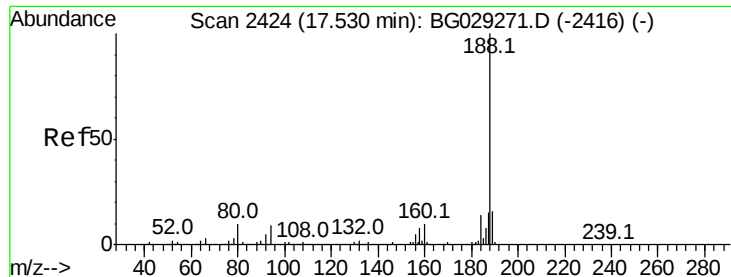
#44
 2-Fluorobiphenyl
 Concen: 103.478 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030545.D
 Acq: 29 Oct 2017 3:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.9	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: BG030545.D

Acq: 29 Oct 2017 3:21

Instrument :

BNA_G

ClientSampleId :

SB-7-FILL(4-7)

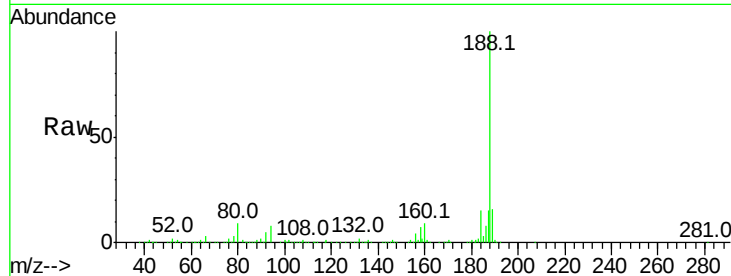
Tot Ion:188 Resp: 502989

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

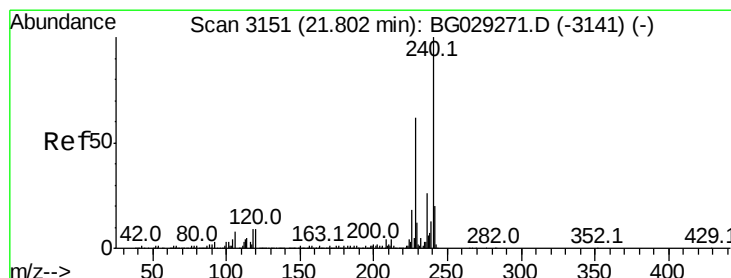
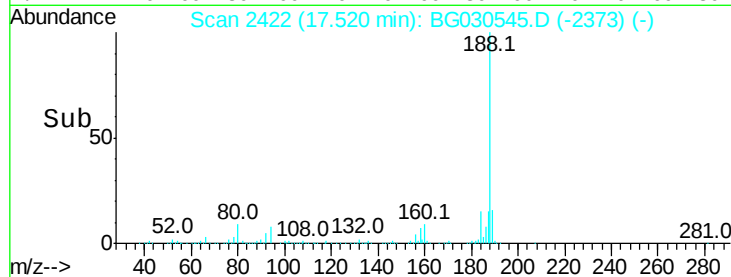
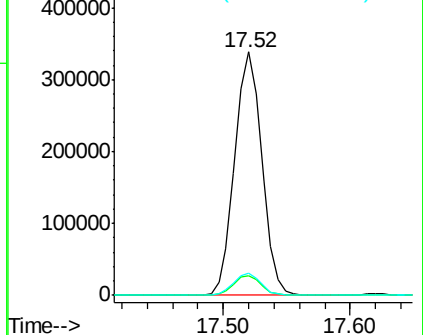
80 8.9 7.7 11.5



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: BG030545.D

Acq: 29 Oct 2017 3:21

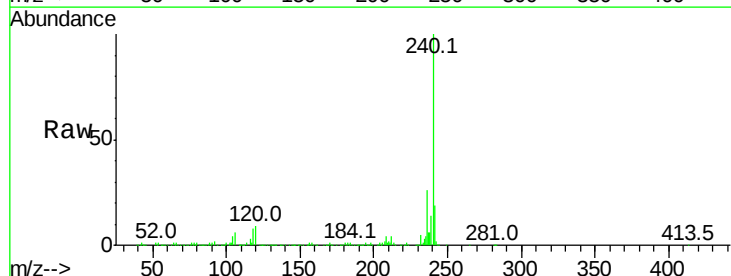
Tgt Ion:240 Resp: 542627

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

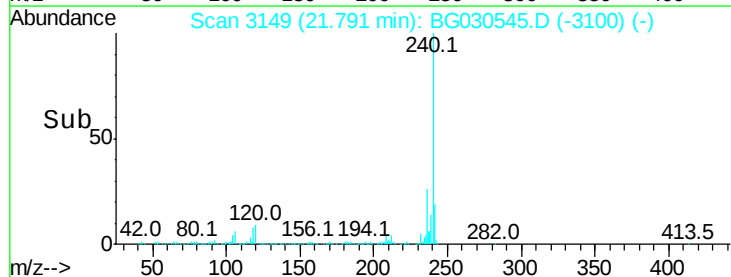
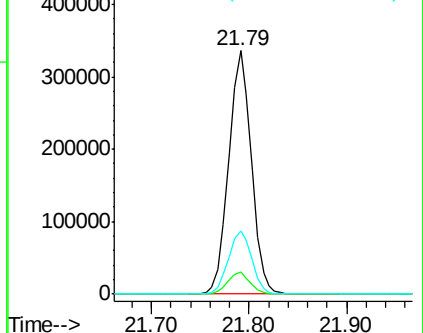
236 26.2 20.9 31.3

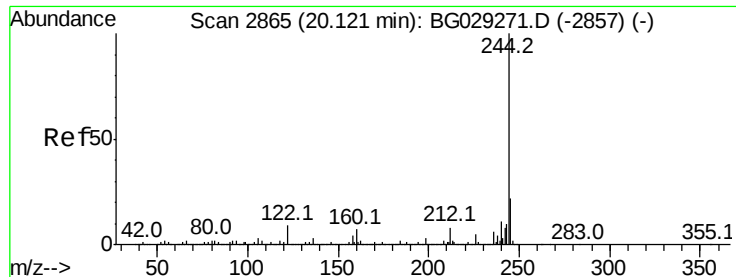


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.622 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030545.D

Acq: 29 Oct 2017 3:21

Instrument :

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ClientSampleId :

SB-7-FILL(4-7)

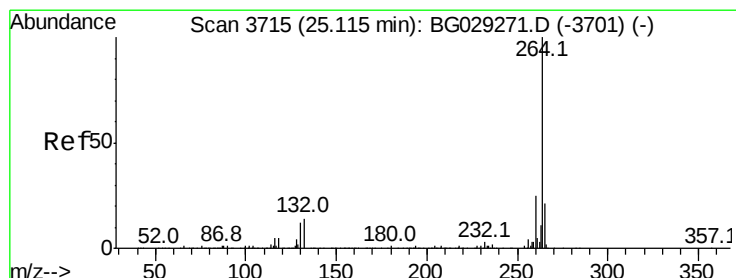
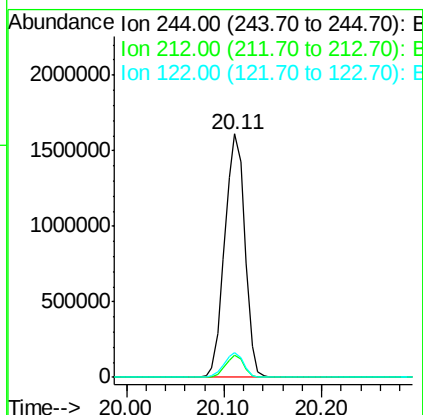
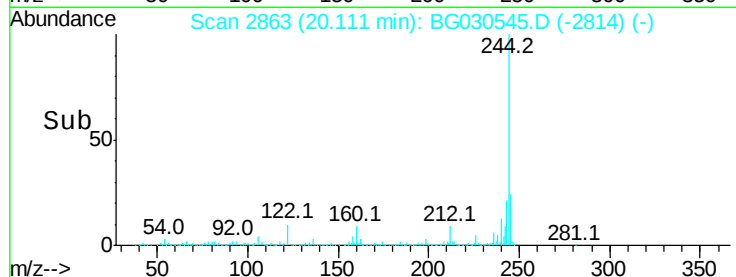
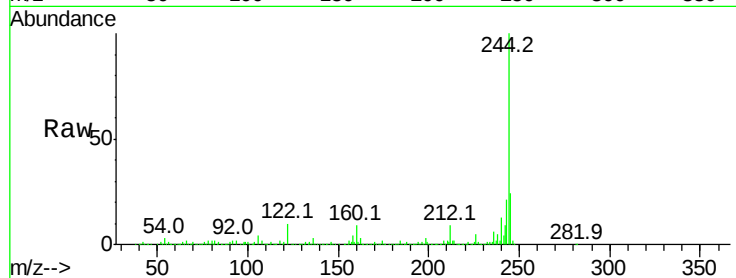
Tot Ion:244 Resp: 2304662

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

122 10.3 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG030545.D

Acq: 29 Oct 2017 3:21

Tgt Ion:264 Resp: 541671

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.5 17.7 26.5

