

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030561.D
 Acq On : 29 Oct 2017 14:42
 Operator : SJ/JU
 Sample : I6171-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 08:00:36 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

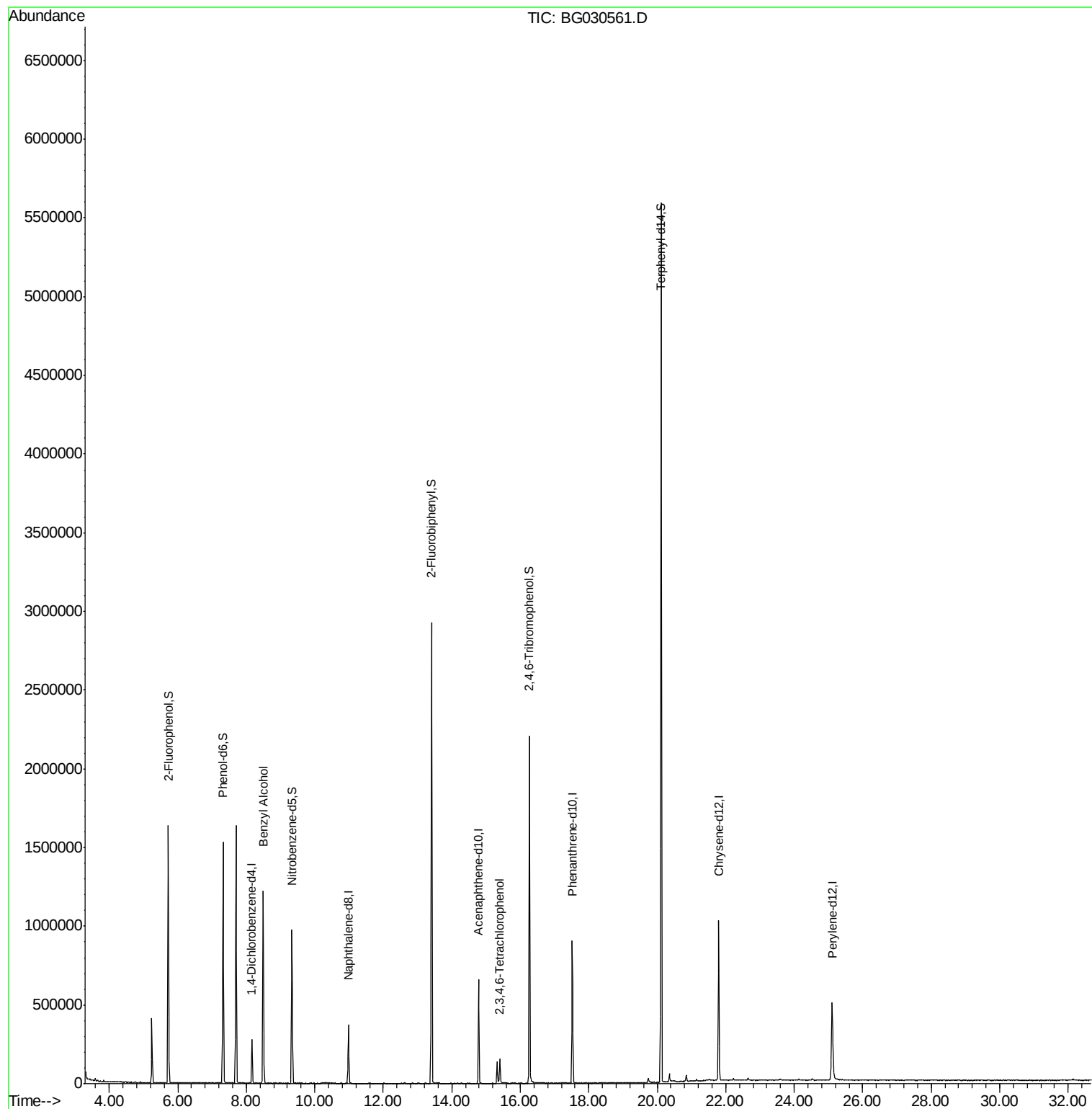
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	79089	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	342438	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	230304	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	581658	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	620468	20.00	ng	0.00
86) Perylene-d12	25.11	264	616622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	732400	154.70	ng	0.00
7) Phenol-d6	7.32	99	931998	140.25	ng	0.00
23) Nitrobenzene-d5	9.33	82	593427	110.12	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	457262	153.78	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1565332	99.69	ng	0.00
78) Terphenyl-d14	20.11	244	2511907	92.10	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	9396	2.006	ng	# 46
58) 2,3,4,6-Tetrachlorophenol	15.40	232	43980	9.724	ng	# 90

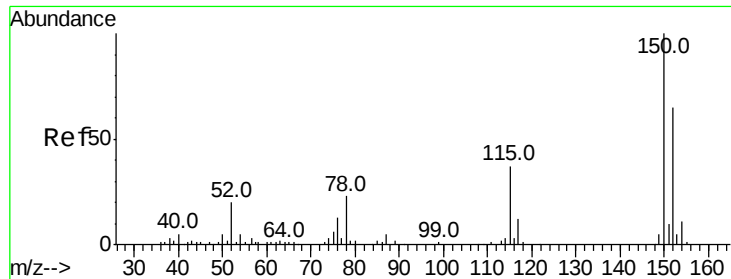
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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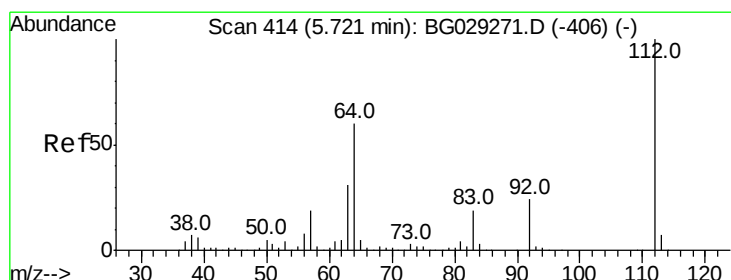
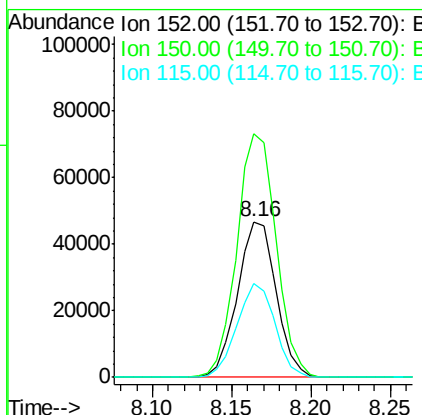
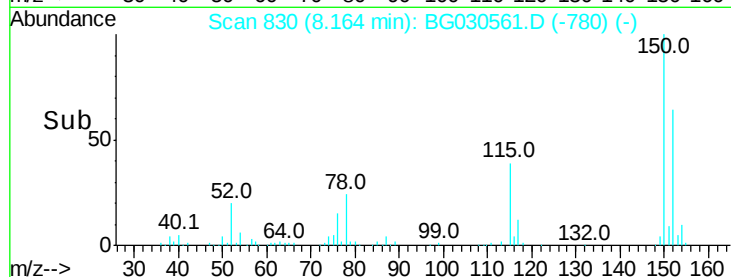
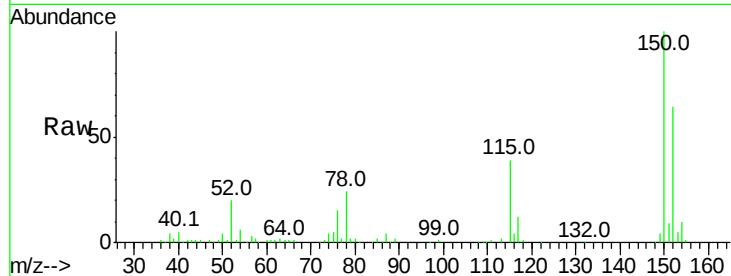




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG030561.D
 Acq: 29 Oct 2017 14:42

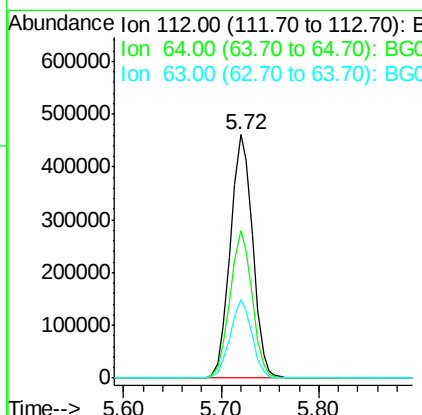
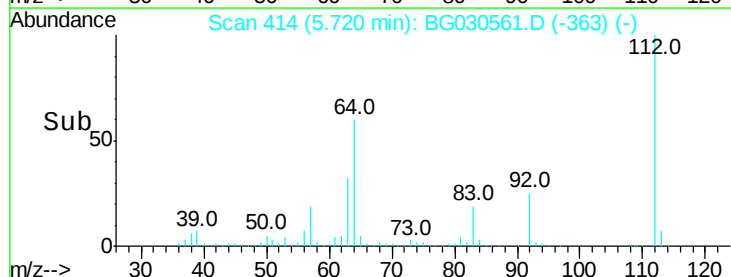
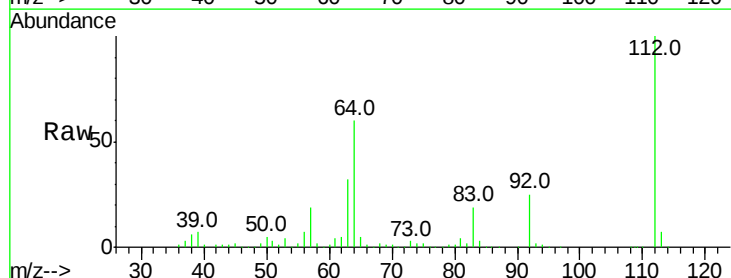
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	60.7	53.0	79.4



#5
 2-Fluorophenol
 Concen: 154.701 ng
 RT: 5.72 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BG030561.D
 Acq: 29 Oct 2017 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	56.3	84.5
63	32.2	30.1	45.1





#7

Phenol-d6

Concen: 140.249 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030561.D

Acq: 29 Oct 2017 14:42

Instrument :

BNA_G

ClientSampleId :

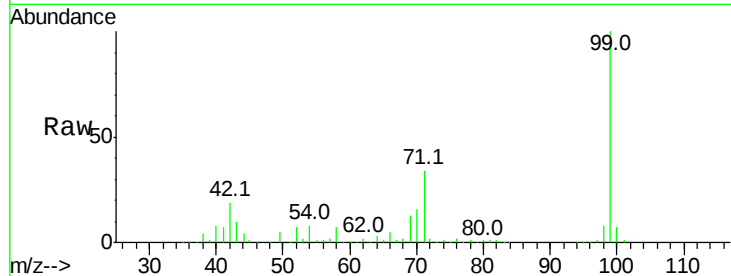
Tot Ion: 99 Resp: 931998

Ion Ratio Lower Upper

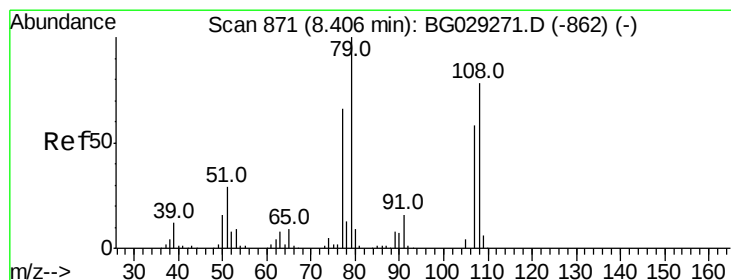
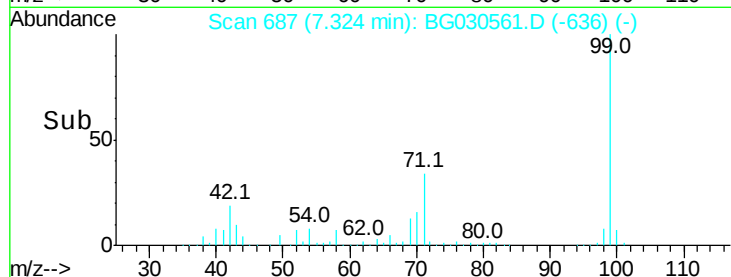
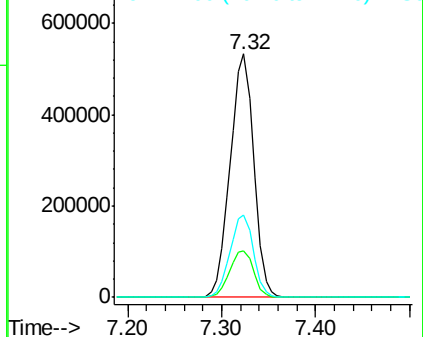
99 100

42 18.9 14.1 21.1

71 34.0 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



#15

Benzyl Alcohol

Concen: 2.006 ng

RT: 8.49 min Scan# 886

Delta R.T. 0.09 min

Lab File: BG030561.D

Acq: 29 Oct 2017 14:42

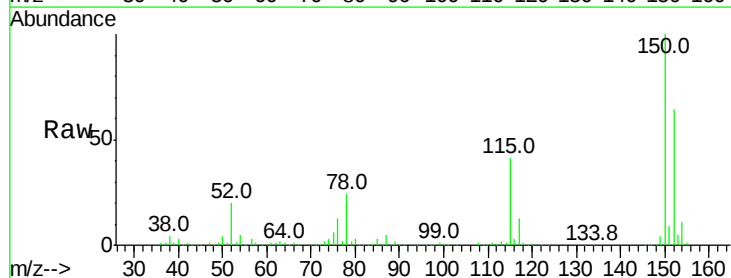
Tgt Ion: 79 Resp: 9396

Ion Ratio Lower Upper

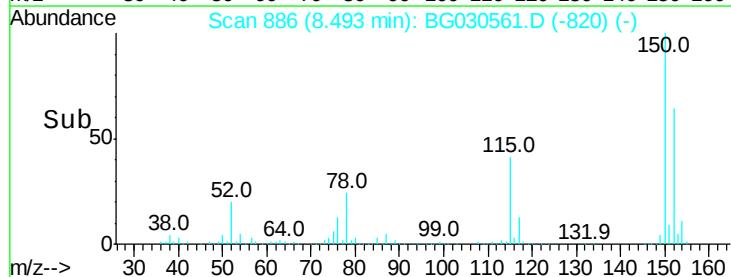
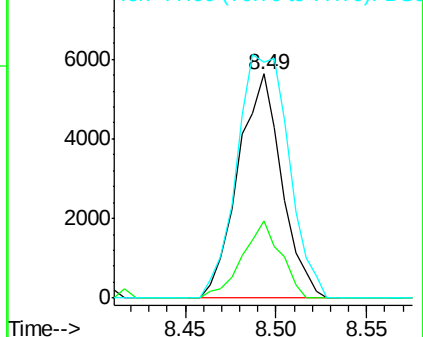
79 100

108 34.3 57.2 85.8#

77 105.3 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

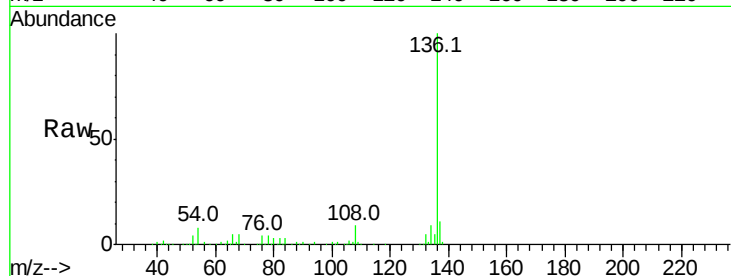




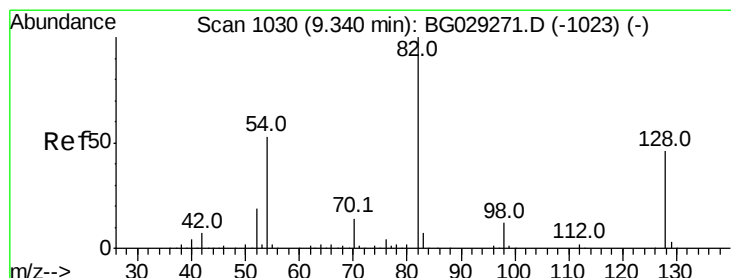
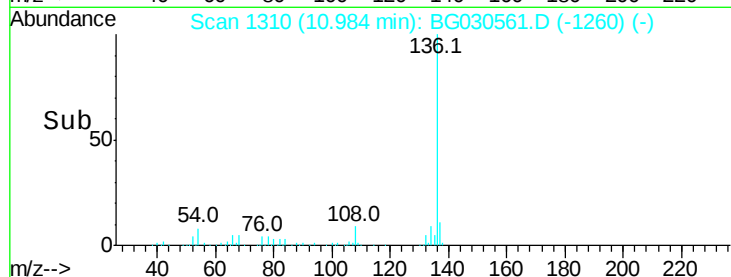
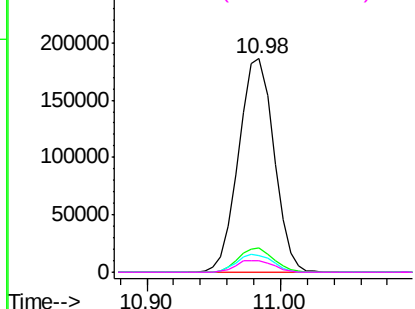
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030561.D
Acq: 29 Oct 2017 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	342438
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.2 13.8
54	7.8	10.3 15.5#
68	5.5	4.5 6.7

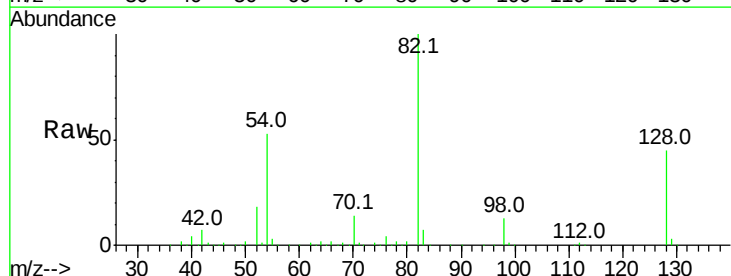


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

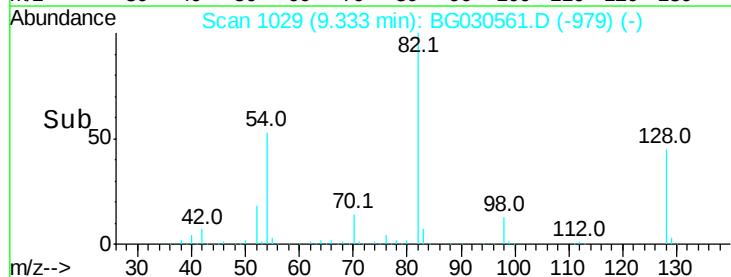
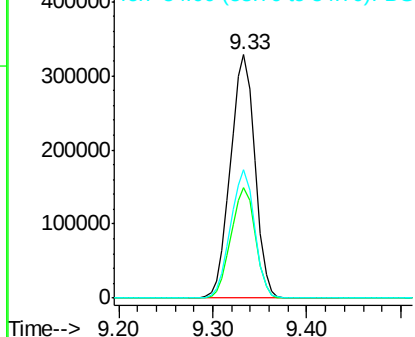


#23
Nitrobenzene-d5
Concen: 110.124 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030561.D
Acq: 29 Oct 2017 14:42

Tgt Ion: 82	Resp:	593427
Ion	Ratio	Lower Upper
82	100	
128	45.2	29.7 44.5#
54	52.7	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG030561.D

Acq: 29 Oct 2017 14:42

Instrument :

BNA_G

ClientSampleId :

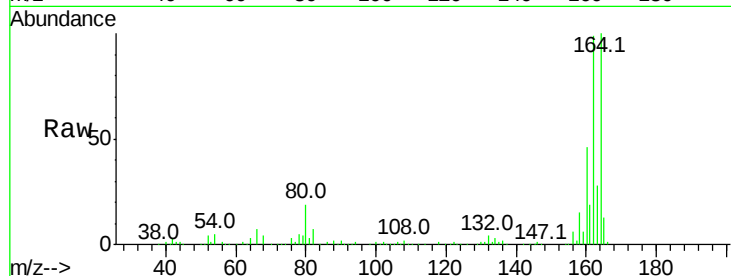
Tot Ion:164 Resp: 230304

Ion Ratio Lower Upper

164 100

162 99.2 78.8 118.2

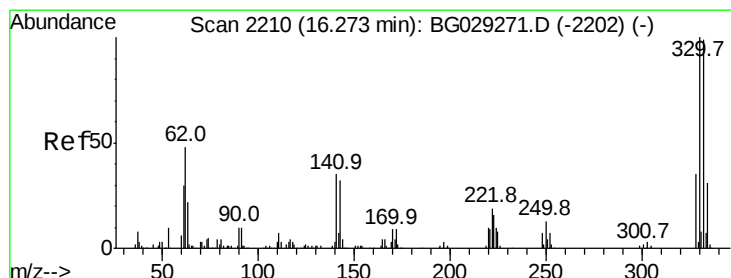
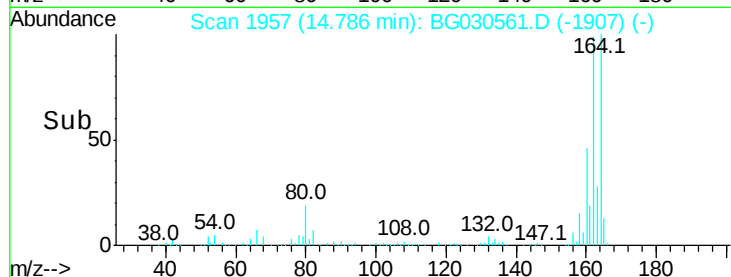
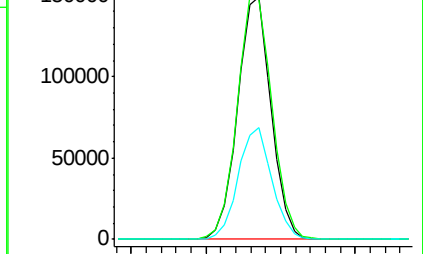
160 46.2 35.4 53.0



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: 153.781 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG030561.D

Acq: 29 Oct 2017 14:42

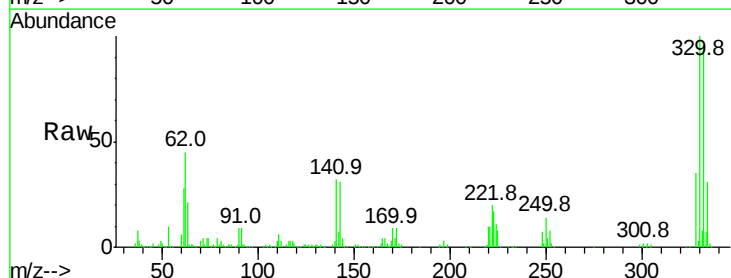
Tgt Ion:330 Resp: 457262

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

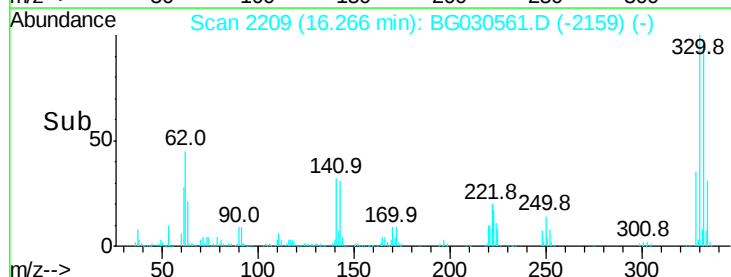
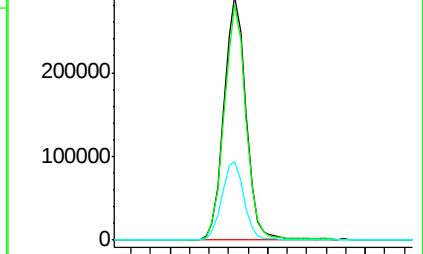
141 32.7 25.2 37.8



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

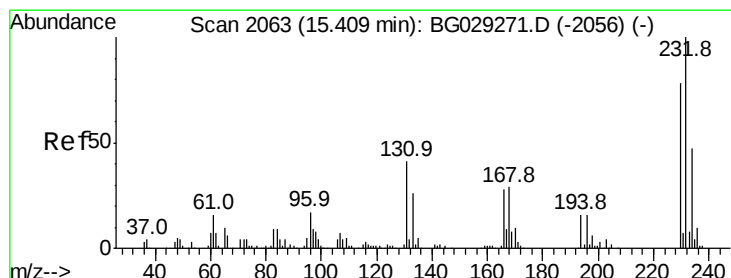
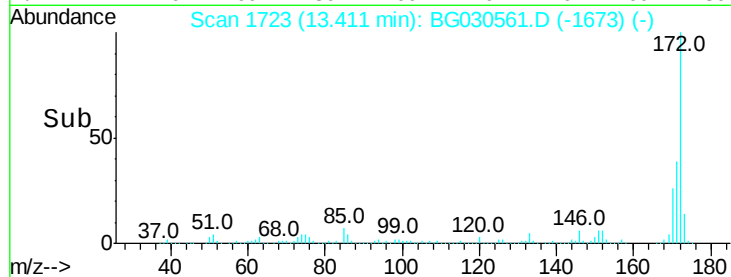
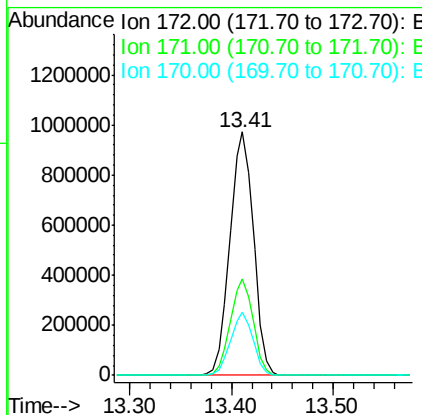
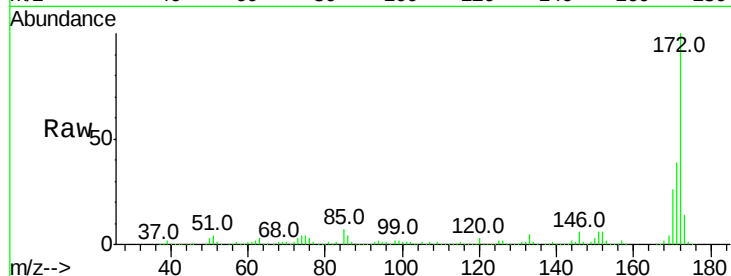




#44
 2-Fluorobiphenyl
 Concen: 99.686 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030561.D
 Acq: 29 Oct 2017 14:42

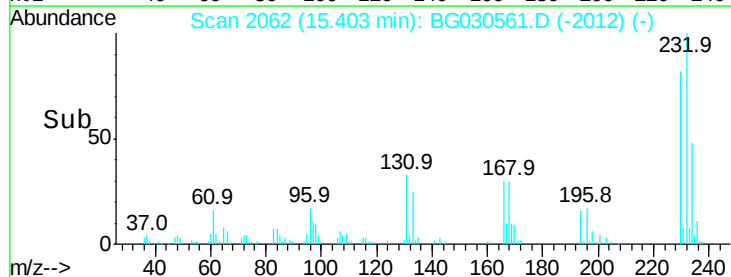
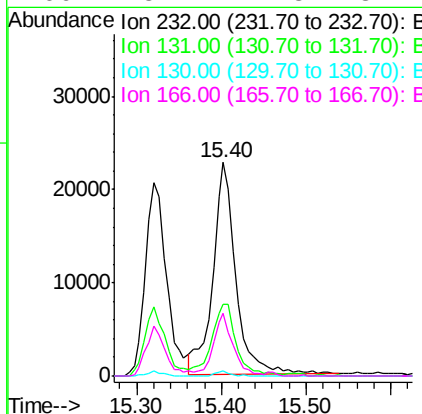
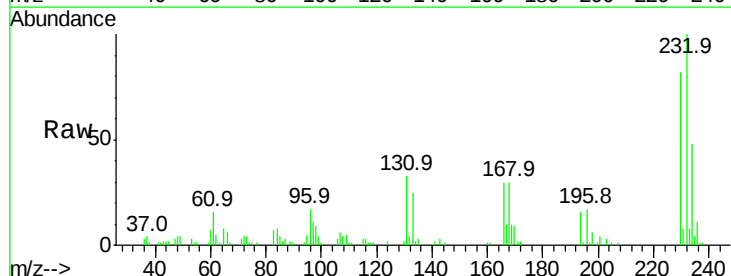
Instrument :
 BNA_G
 ClientSampleId :

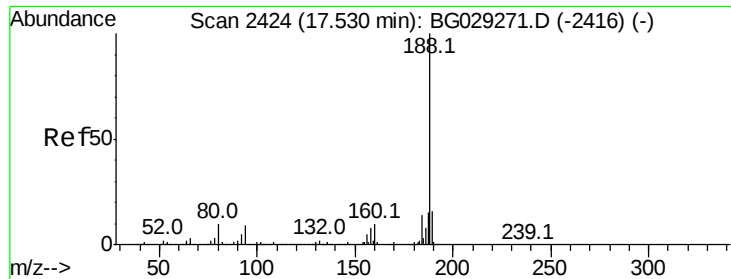
Tot Ion:172 Resp: 1565332
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.0 45.0
 170 25.7 19.5 29.3



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.724 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG030561.D
 Acq: 29 Oct 2017 14:42

Tgt Ion:232 Resp: 43980
 Ion Ratio Lower Upper
 232 100
 131 36.3 33.5 50.3
 130 1.4 2.2 3.2#
 166 25.1 24.8 37.2

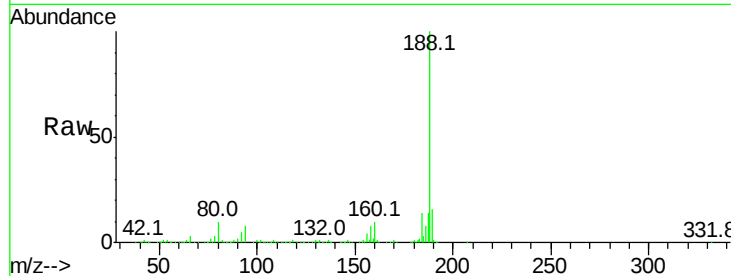




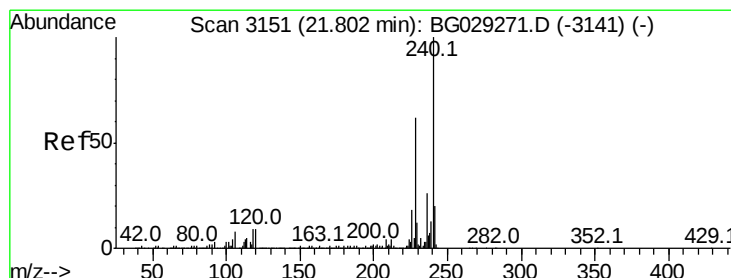
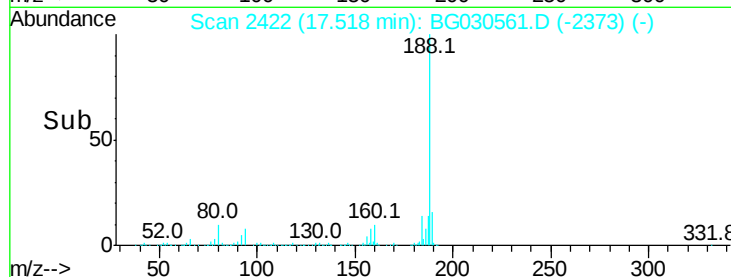
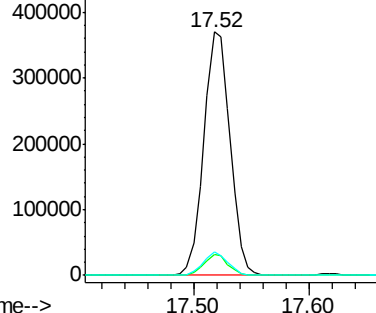
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030561.D
 Acq: 29 Oct 2017 14:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.5	7.7	11.5

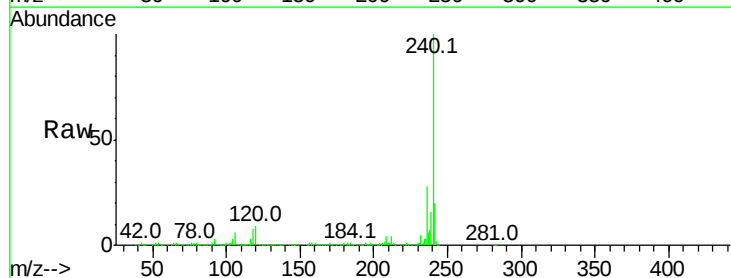


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

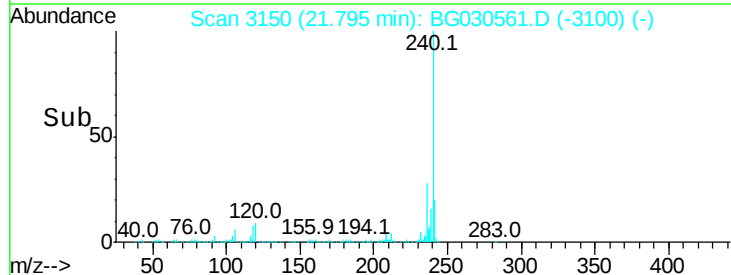
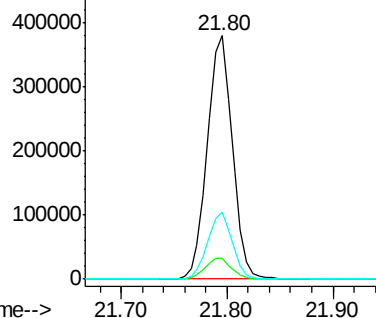


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG030561.D
 Acq: 29 Oct 2017 14:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.8	10.2
236	27.7	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

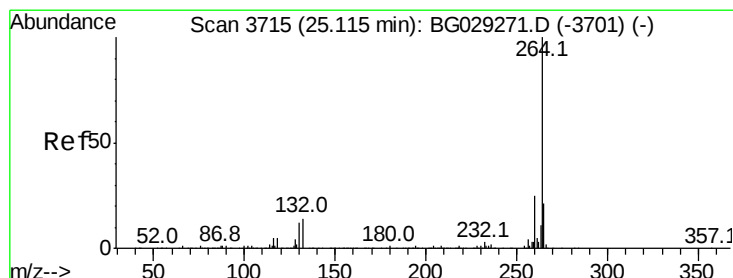
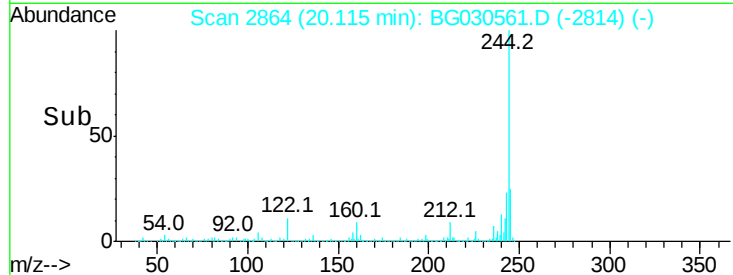
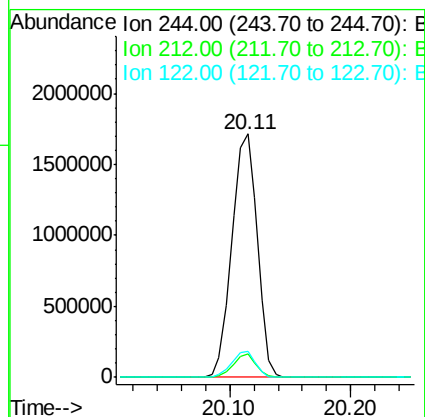
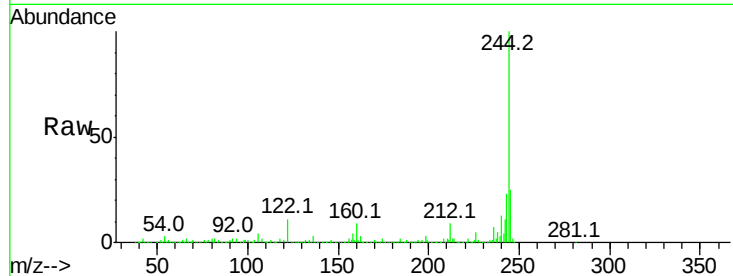




#78
 Terphenyl-d14
 Concen: 92.098 ng
 RT: 20.11 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG030561.D
 Acq: 29 Oct 2017 14:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2511907
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 10.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.01 min
 Lab File: BG030561.D
 Acq: 29 Oct 2017 14:42

Tgt Ion:264 Resp: 616622
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.4 26.0
 265 21.0 17.7 26.5

