

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029349.D
 Acq On : 19 Oct 2017 2:29
 Operator : SJ/JU
 Sample : I5836-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:33:34 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

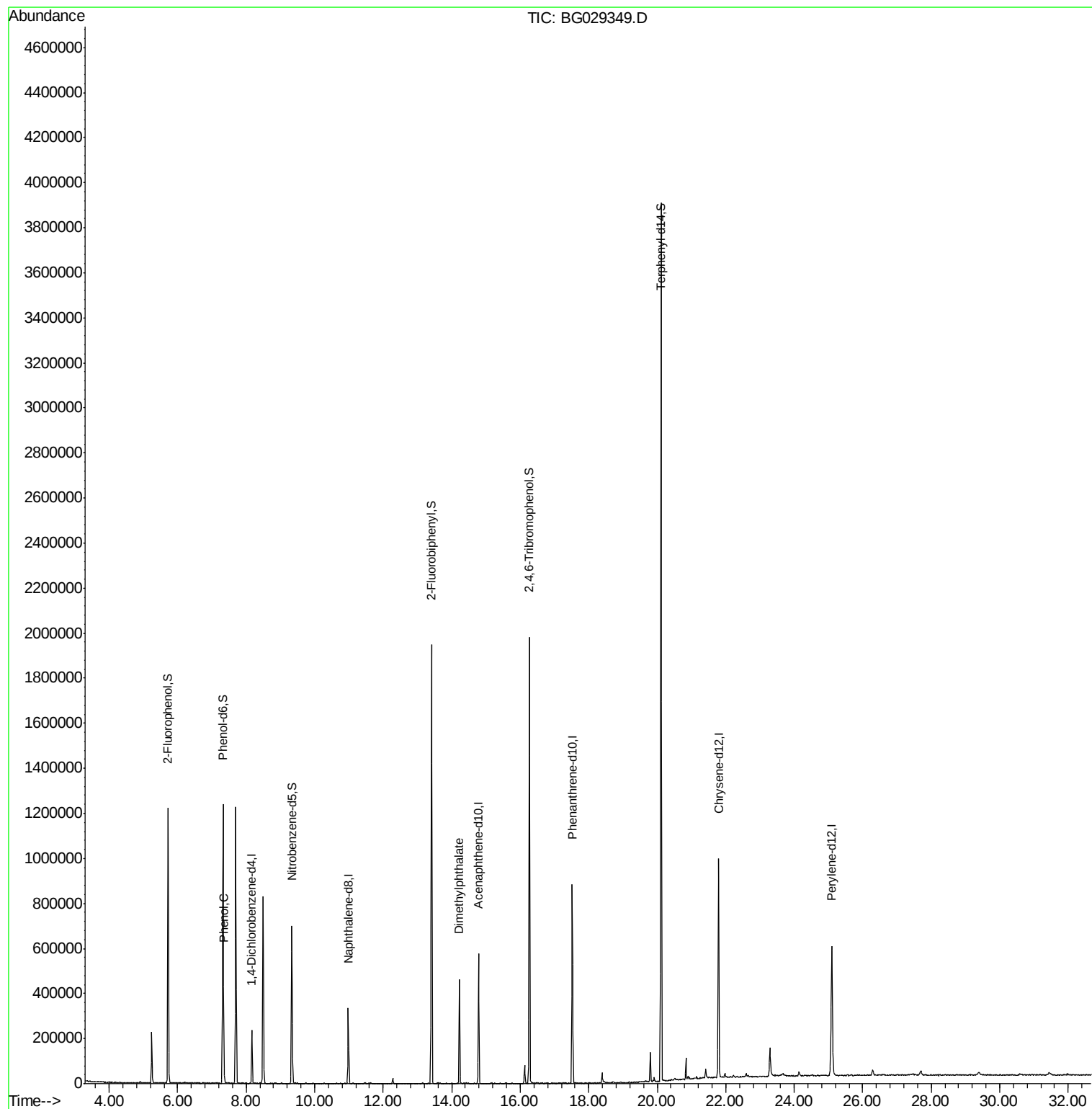
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	66350	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	295536	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	201931	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	542182	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	616510	20.00	ng	-0.01
86) Perylene-d12	25.09	264	625362	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	552703	139.16	ng	0.00
7) Phenol-d6	7.32	99	741476	133.00	ng	0.00
23) Nitrobenzene-d5	9.33	82	419798	90.27	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	408073	156.52	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1047684	76.09	ng	0.00
78) Terphenyl-d14	20.11	244	1749167	64.54	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	45250	7.529	ng	96
49) Dimethylphthalate	14.22	163	318662	20.226	ng	100

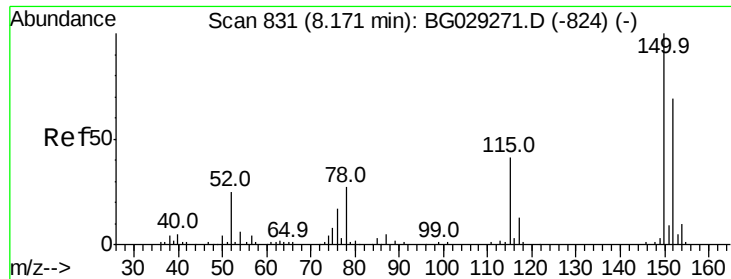
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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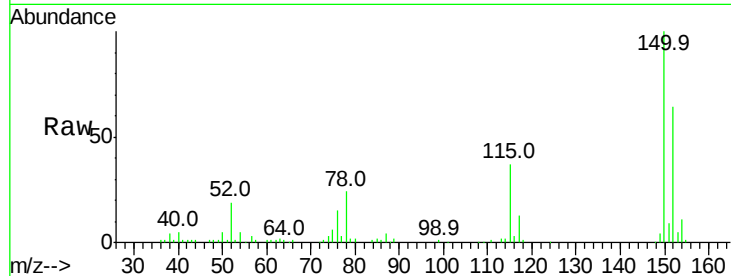


#1

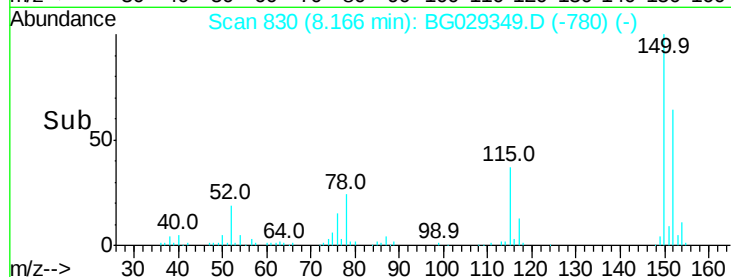
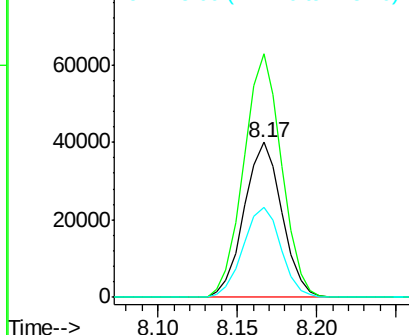
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029349.D
Acq: 19 Oct 2017 2:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66350
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 58.2 53.0 79.4



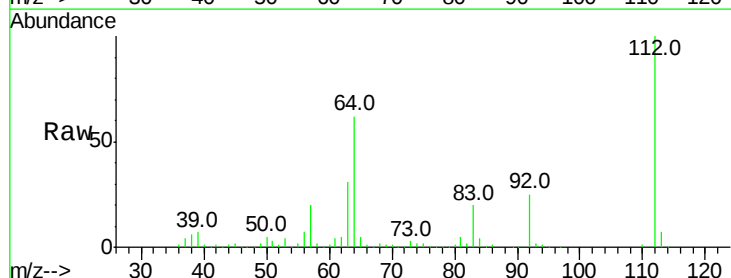
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



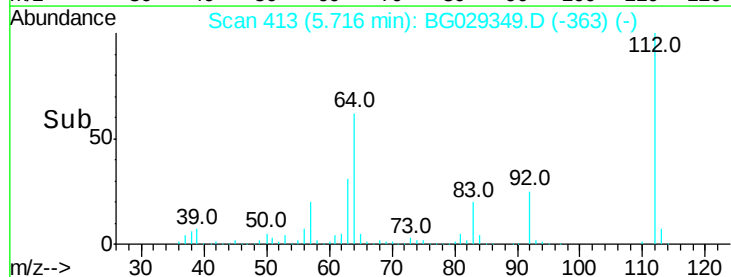
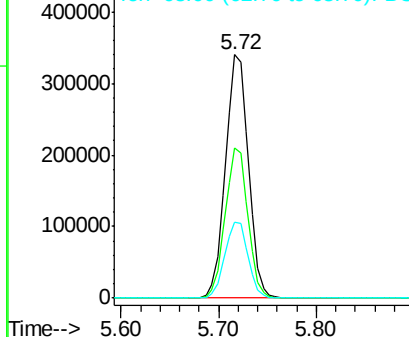
#5

2-Fluorophenol
Concen: 139.159 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029349.D
Acq: 19 Oct 2017 2:29

Tgt Ion:112 Resp: 552703
Ion Ratio Lower Upper
112 100
64 61.8 56.3 84.5
63 31.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 133.001 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029349.D

Acq: 19 Oct 2017 2:29

Instrument :

BNA_G

ClientSampled :

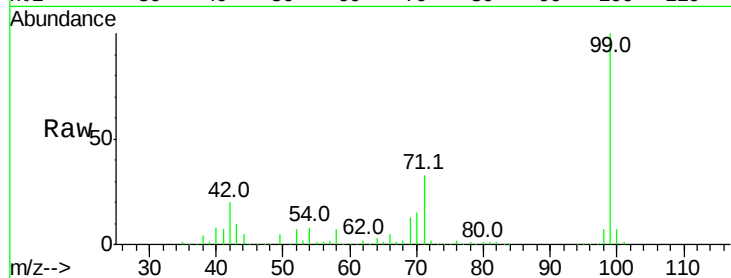
Tot Ion: 99 Resp: 741476

Ion Ratio Lower Upper

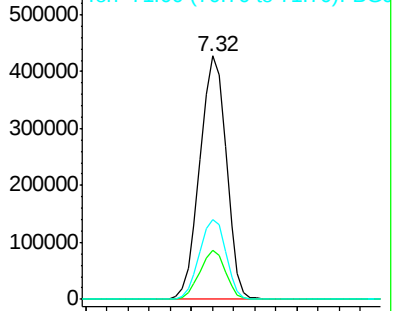
99 100

42 19.9 14.1 21.1

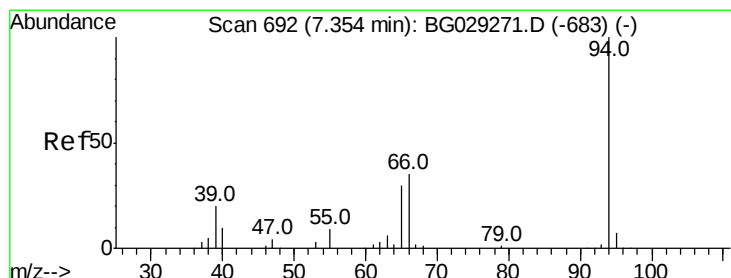
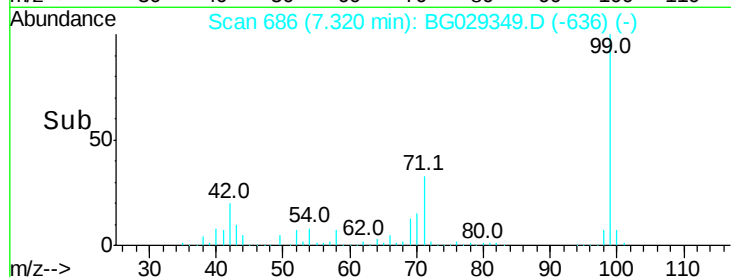
71 32.7 26.1 39.1



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



Time--> 7.20 7.30 7.40



#10

Phenol

Concen: 7.529 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029349.D

Acq: 19 Oct 2017 2:29

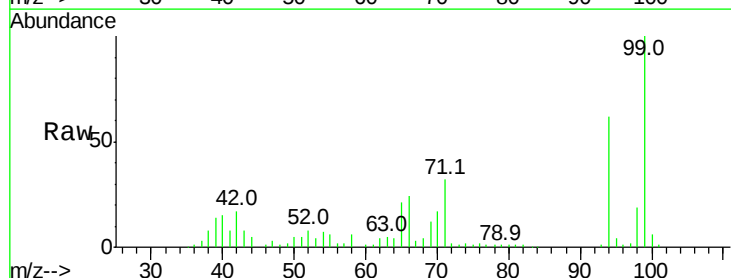
Tgt Ion: 94 Resp: 45250

Ion Ratio Lower Upper

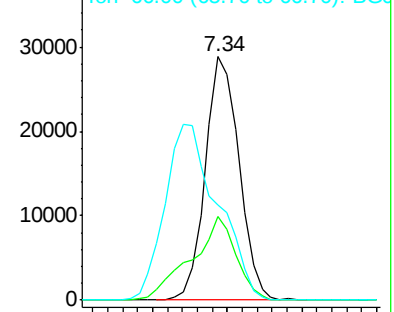
94 100

65 34.1 11.9 51.9

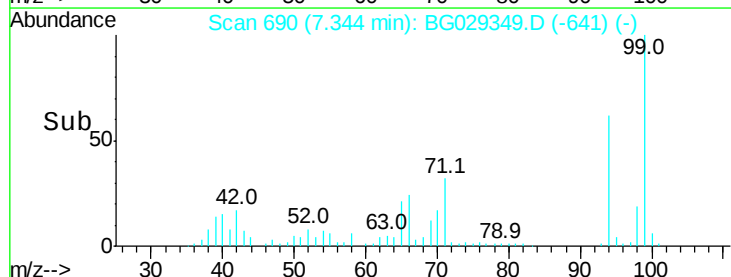
66 39.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.30 7.35 7.40

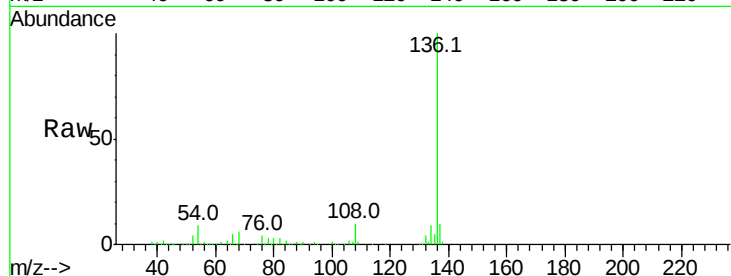




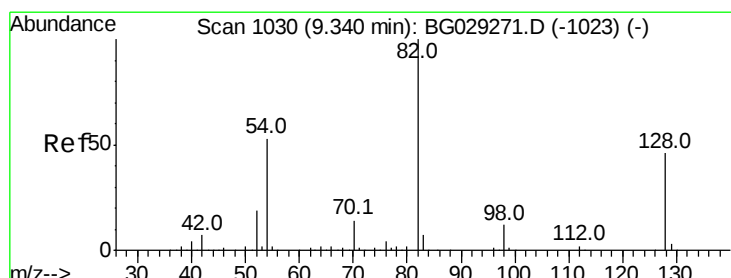
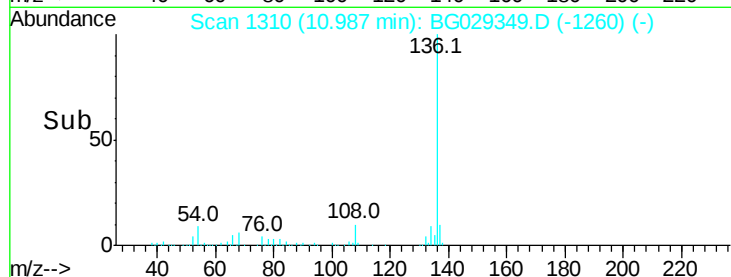
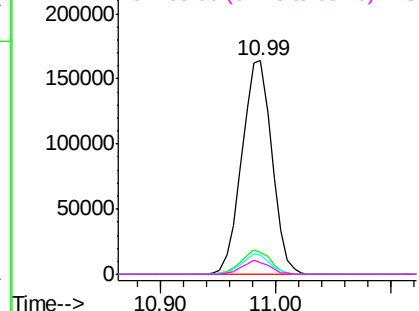
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029349.D
Acq: 19 Oct 2017 2:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	295536
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.2 13.8
54	9.0	10.3 15.5#
68	5.5	4.5 6.7

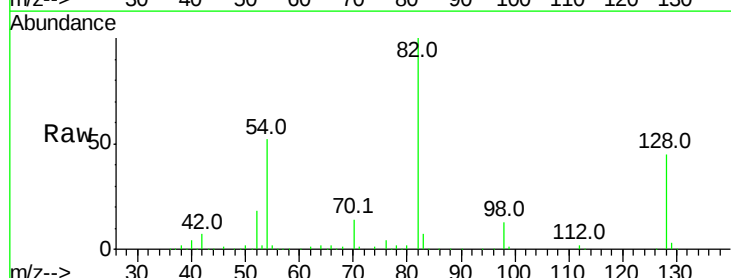


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

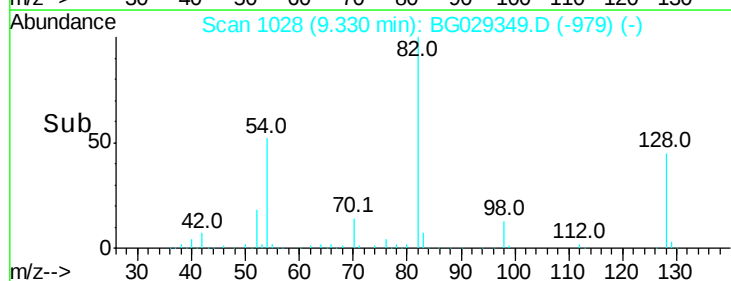
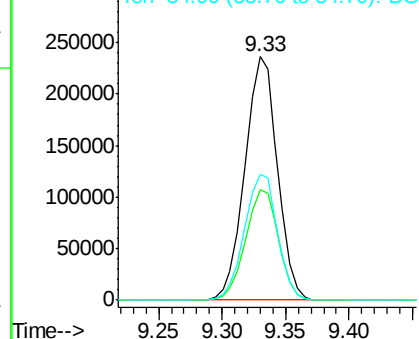


#23
Nitrobenzene-d5
Concen: 90.266 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029349.D
Acq: 19 Oct 2017 2:29

Tgt Ion: 82	Resp:	419798
Ion Ratio	Lower	Upper
82	100	
128	45.3	29.7 44.5#
54	51.7	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: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG029349.D

Acq: 19 Oct 2017 2:29

Instrument :

BNA_G

ClientSampleId :

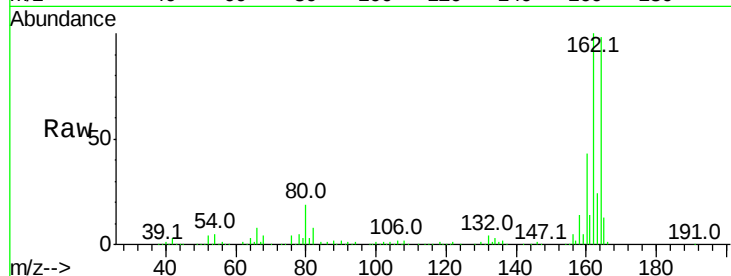
Tot Ion:164 Resp: 201931

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

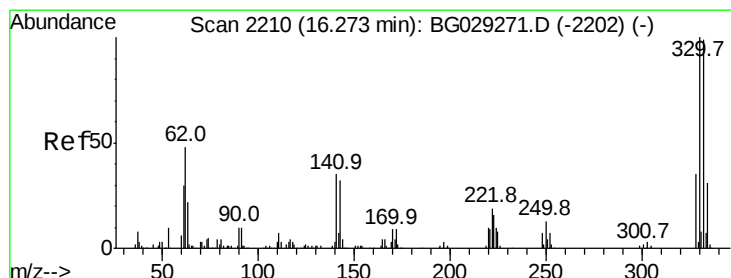
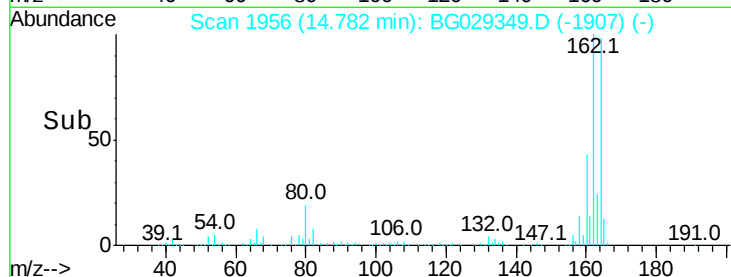
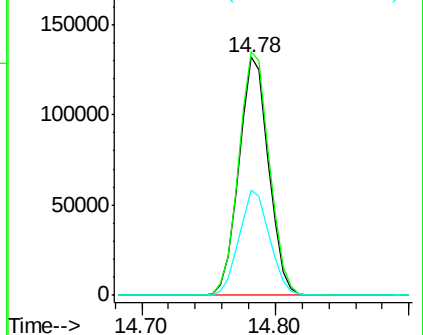
160 44.4 35.4 53.0



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: 156.522 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG029349.D

Acq: 19 Oct 2017 2:29

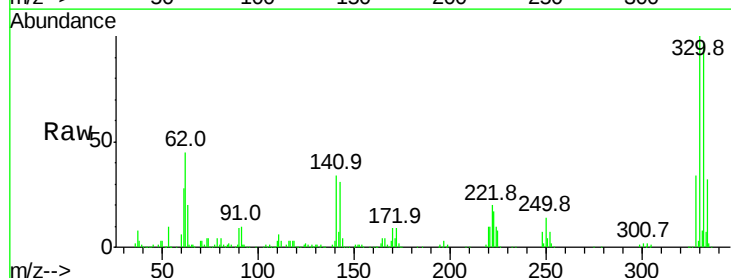
Tgt Ion:330 Resp: 408073

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

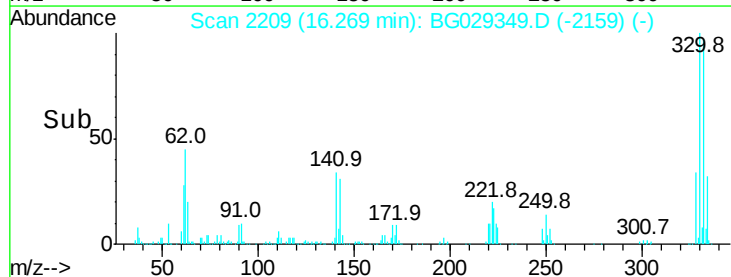
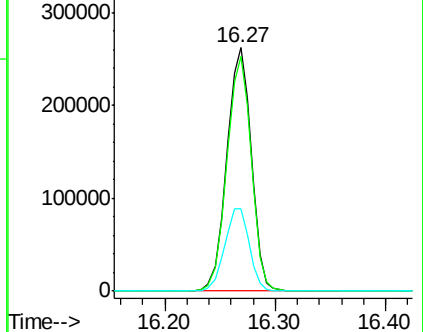
141 34.1 25.2 37.8



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



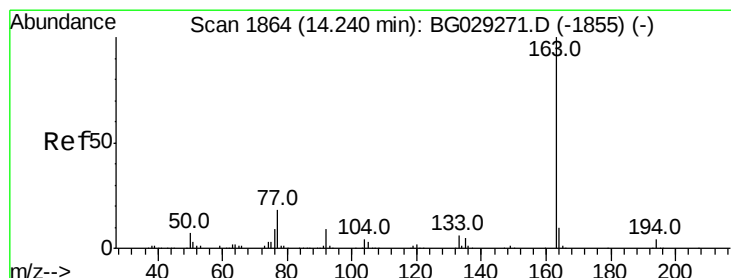
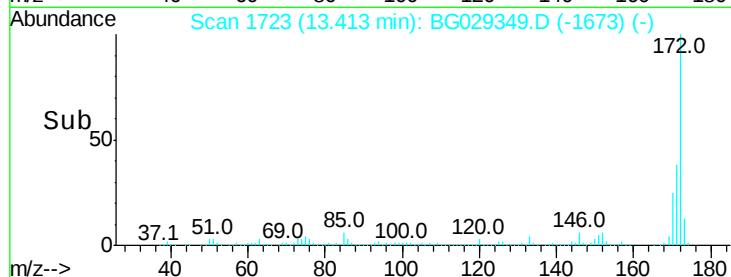
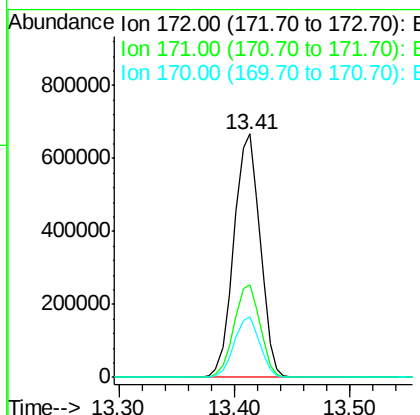
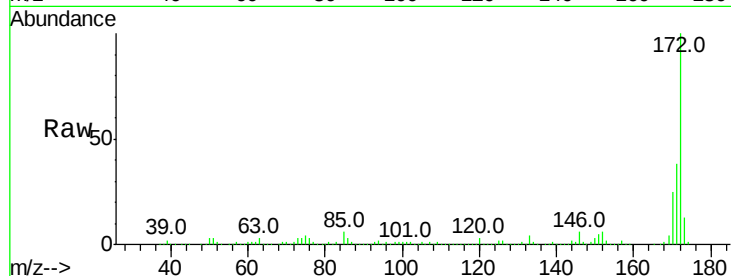


#44
 2-Fluorobiphenyl
 Concen: 76.095 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029349.D
 Acq: 19 Oct 2017 2:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1047684

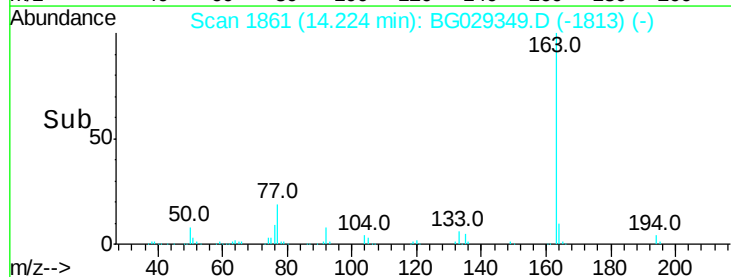
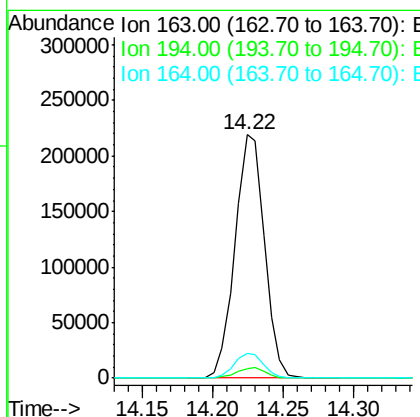
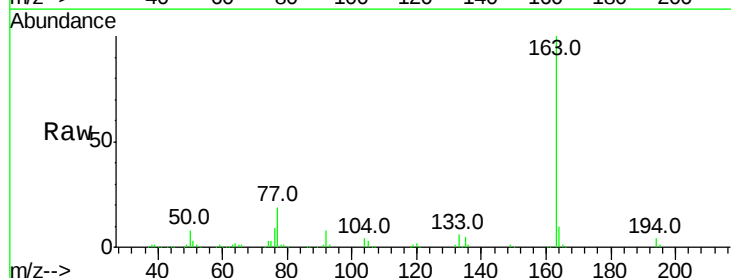
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.0	19.5	29.3

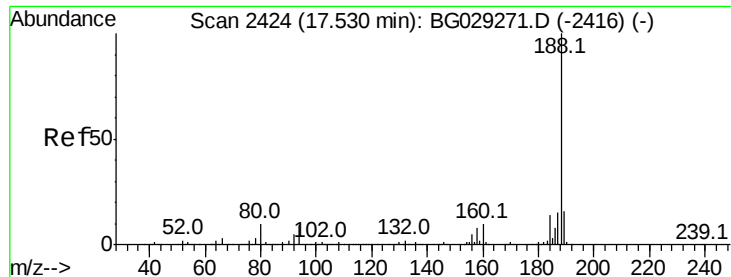


#49
 Dimethylphthalate
 Concen: 20.226 ng
 RT: 14.22 min Scan# 1861
 Delta R.T. -0.02 min
 Lab File: BG029349.D
 Acq: 19 Oct 2017 2:29

Tgt Ion:163 Resp: 318662

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.3	8.2	12.4

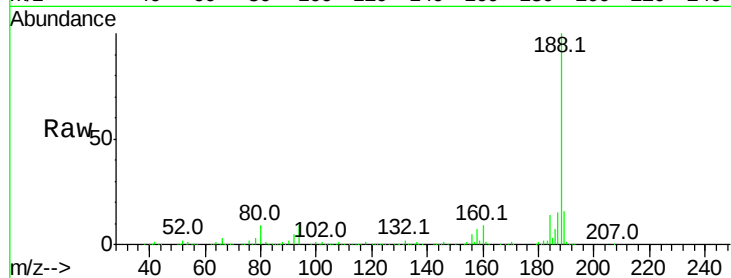




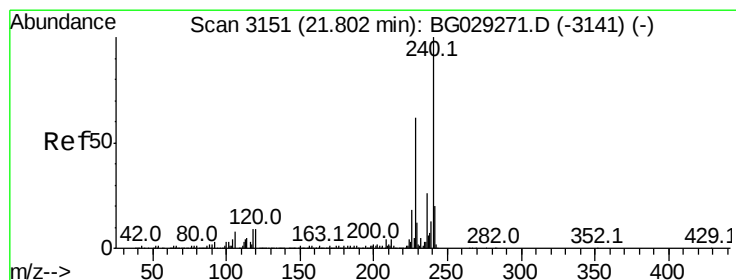
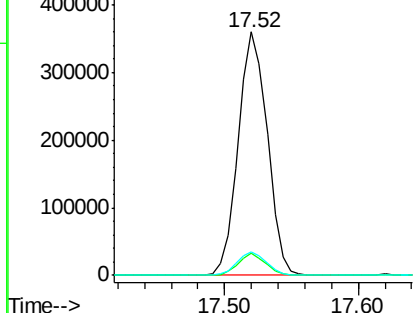
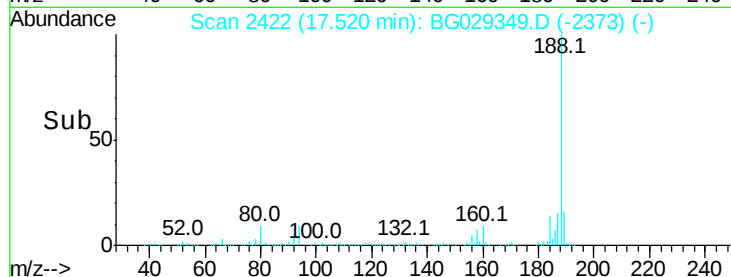
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029349.D
 Acq: 19 Oct 2017 2:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 542182
 Ion Ratio Lower Upper
 188 100
 94 9.0 6.9 10.3
 80 9.4 7.7 11.5

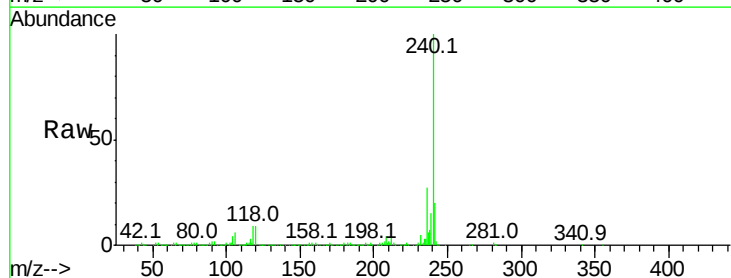


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

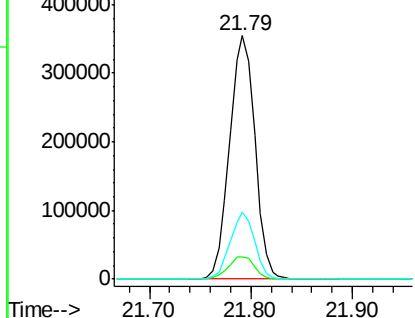
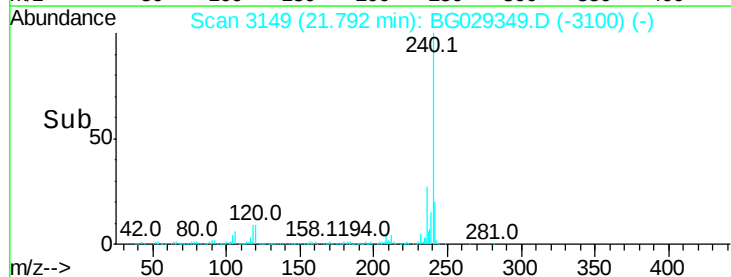


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG029349.D
 Acq: 19 Oct 2017 2:29

Tgt Ion:240 Resp: 616510
 Ion Ratio Lower Upper
 240 100
 120 9.3 6.8 10.2
 236 27.5 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: 64.545 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029349.D

Acq: 19 Oct 2017 2:29

Instrument :

BNA_G

ClientSampleId :

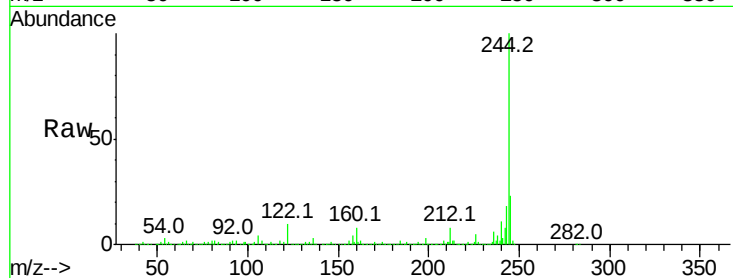
Tot Ion:244 Resp: 1749167

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

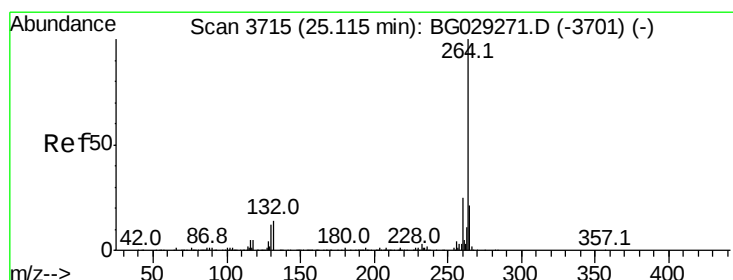
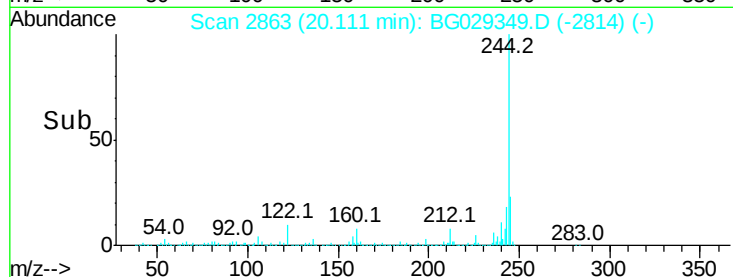
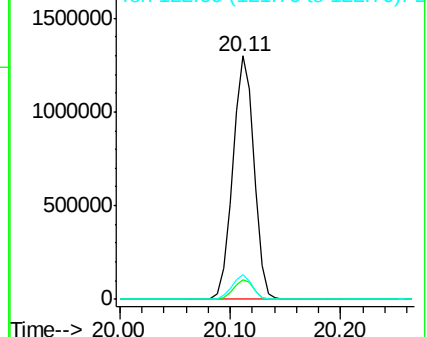
122 10.4 7.0 10.4



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. -0.02 min

Lab File: BG029349.D

Acq: 19 Oct 2017 2:29

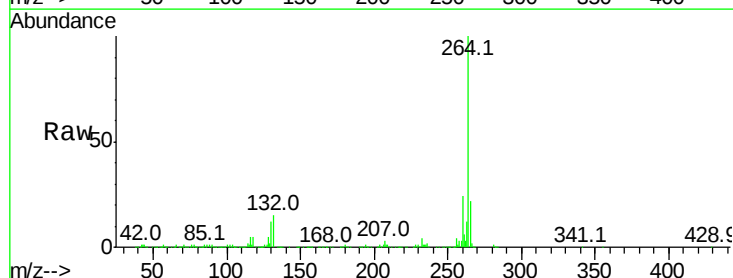
Tgt Ion:264 Resp: 625362

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.8 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

