

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029360.D
 Acq On : 19 Oct 2017 10:24
 Operator : SJ/JU
 Sample : PB103396BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:37:37 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	50430	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	223884	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	148784	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	407465	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	478632	20.00	ng	-0.01
86) Perylene-d12	25.10	264	486311	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	410546	136.00	ng	0.00
7) Phenol-d6	7.32	99	538985	127.20	ng	0.00
23) Nitrobenzene-d5	9.33	82	303445	86.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	296897	154.56	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	850520	83.84	ng	0.00
78) Terphenyl-d14	20.11	244	1643156	78.10	ng	-0.01

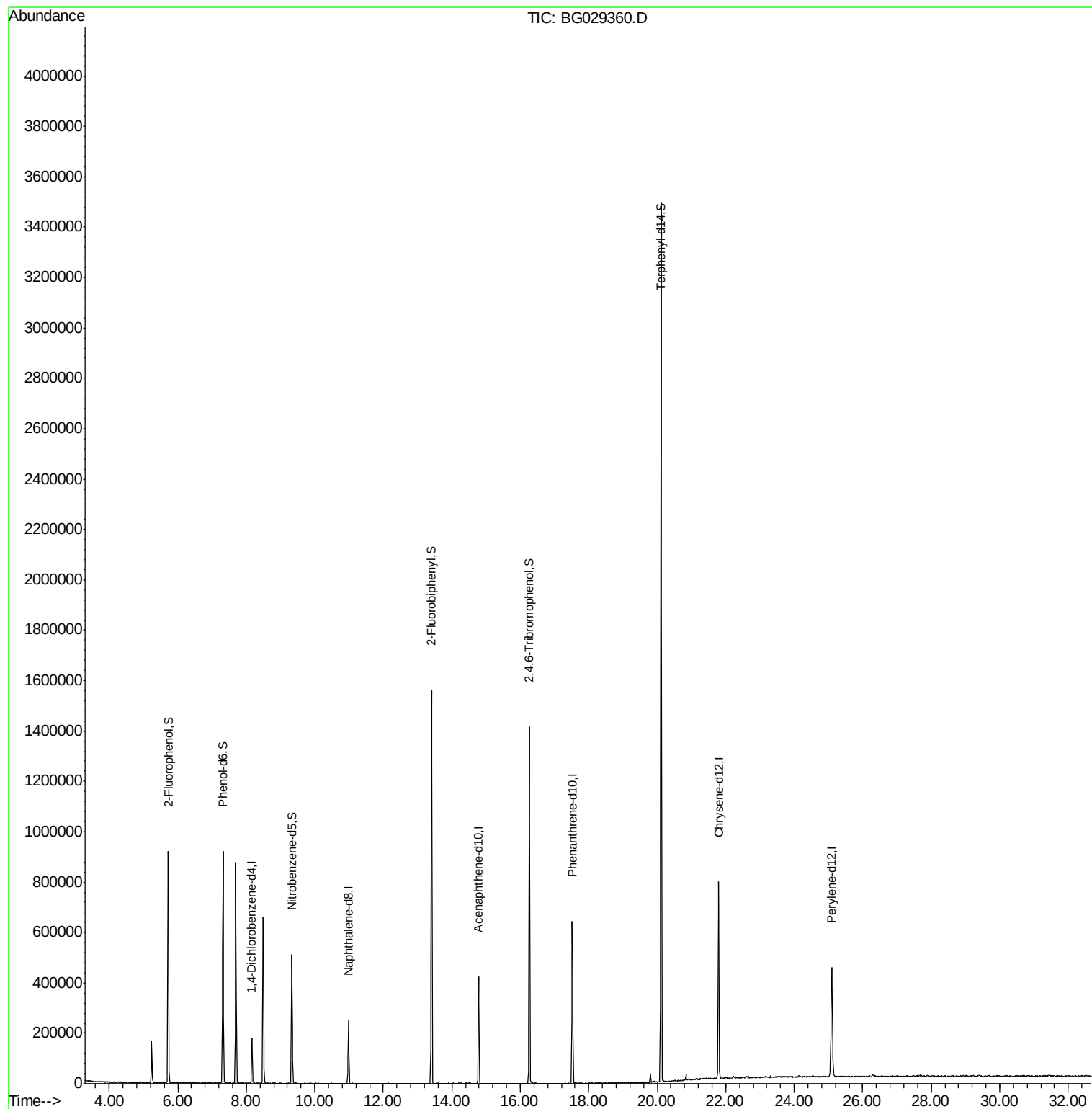
Target Compounds Qvalue

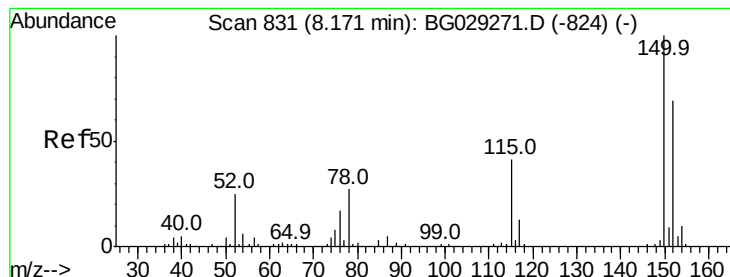
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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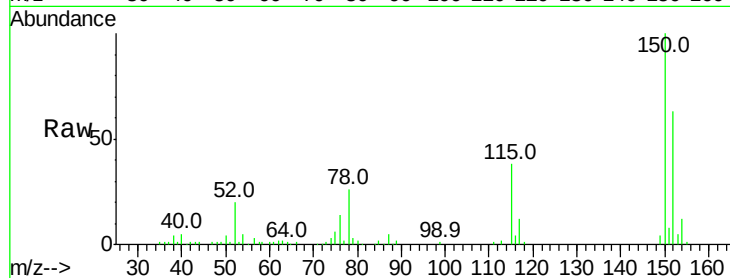


#1

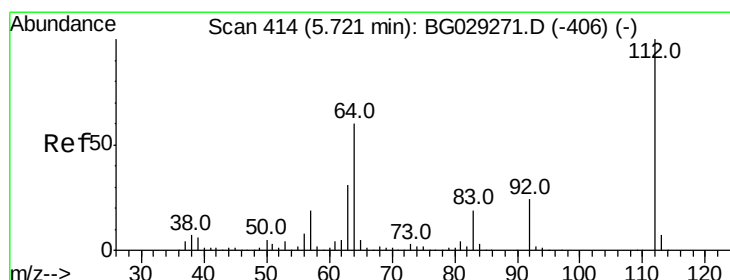
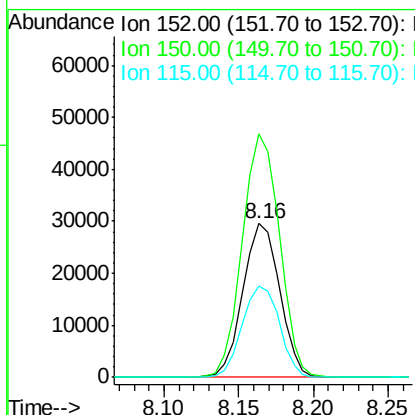
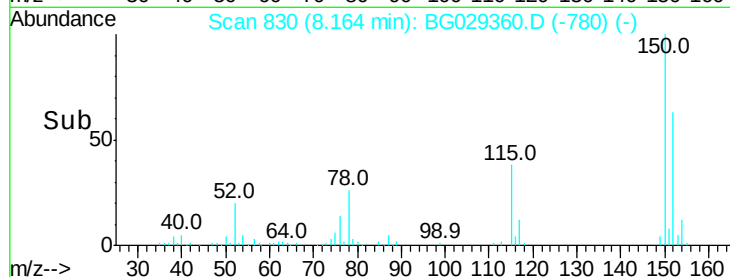
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG029360.D
 Acq: 19 Oct 2017 10:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 50430
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.6 189.8
 115 59.9 53.0 79.4



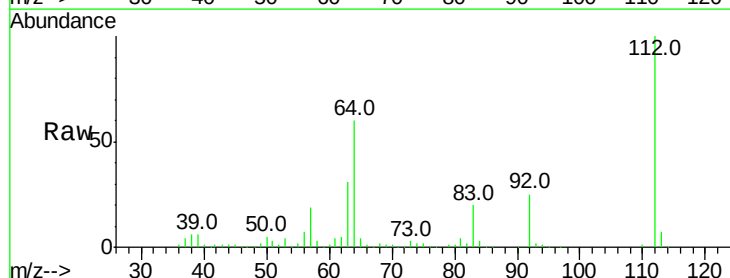
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



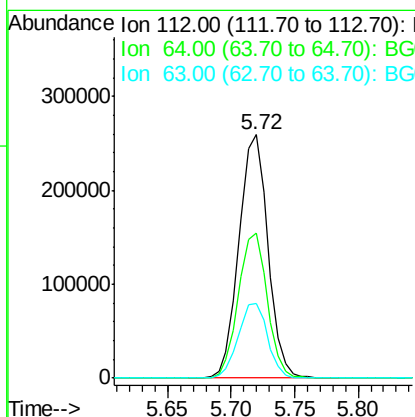
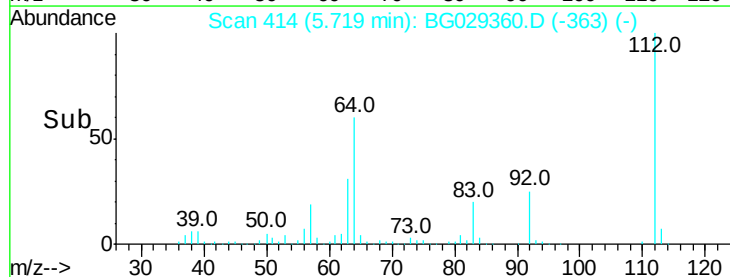
#5

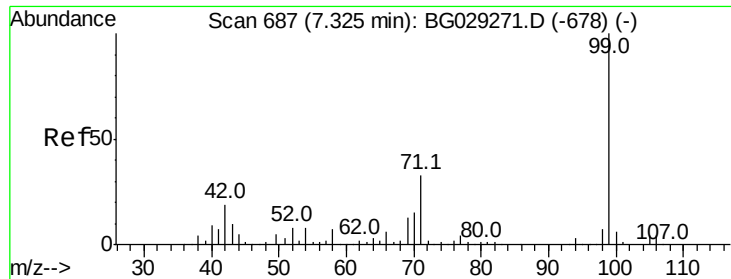
2-Fluorophenol
 Concen: 135.998 ng
 RT: 5.72 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BG029360.D
 Acq: 19 Oct 2017 10:24

Tgt Ion:112 Resp: 410546
 Ion Ratio Lower Upper
 112 100
 64 59.5 56.3 84.5
 63 30.7 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: 127.200 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029360.D

Acq: 19 Oct 2017 10:24

Instrument :

BNA_G

ClientSampleId :

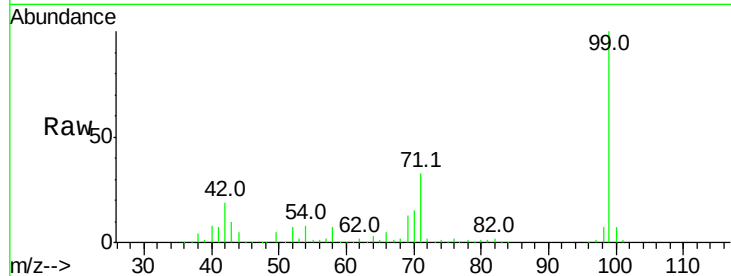
Tot Ion: 99 Resp: 538985

Ion Ratio Lower Upper

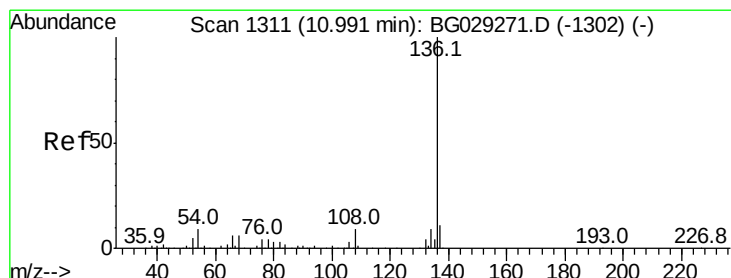
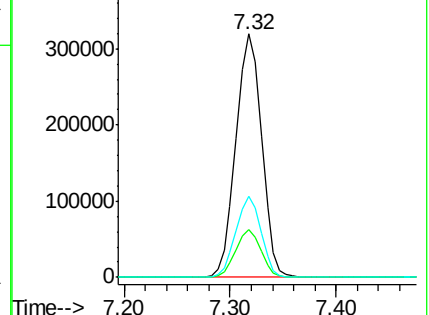
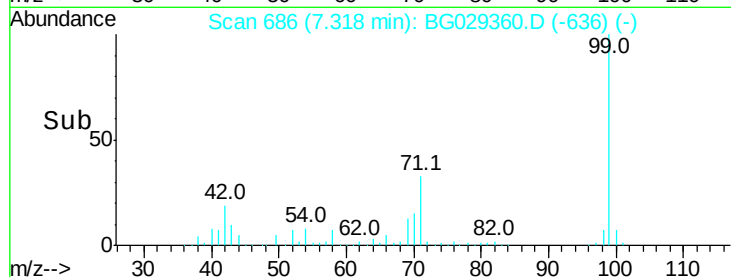
99 100

42 19.5 14.1 21.1

71 33.4 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# 1310

Delta R.T. -0.01 min

Lab File: BG029360.D

Acq: 19 Oct 2017 10:24

Tgt Ion: 136 Resp: 223884

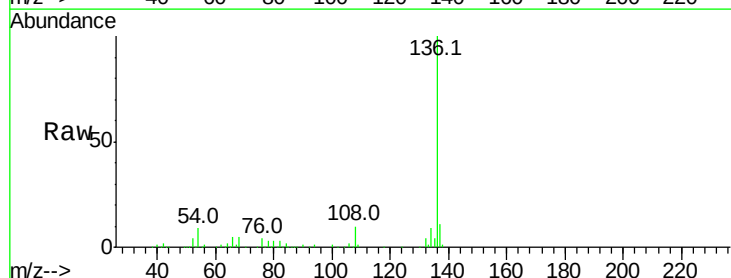
Ion Ratio Lower Upper

136 100

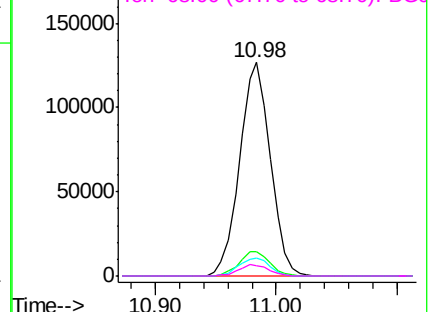
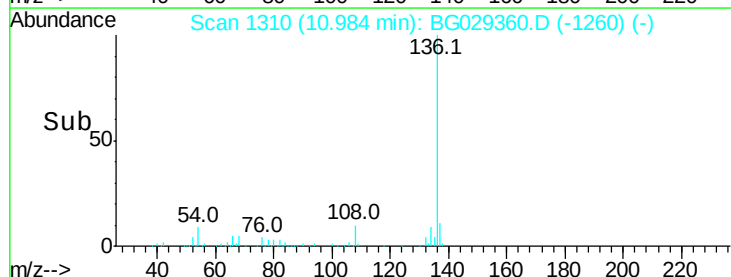
137 11.2 9.2 13.8

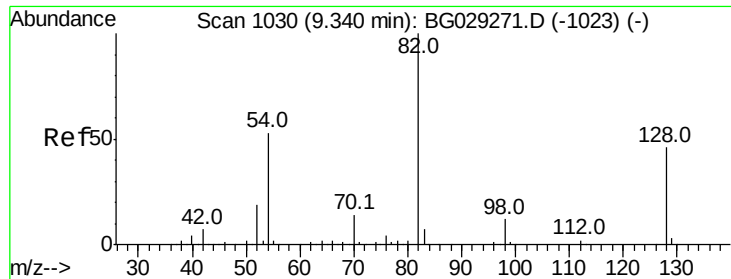
54 8.7 10.3 15.5#

68 5.1 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

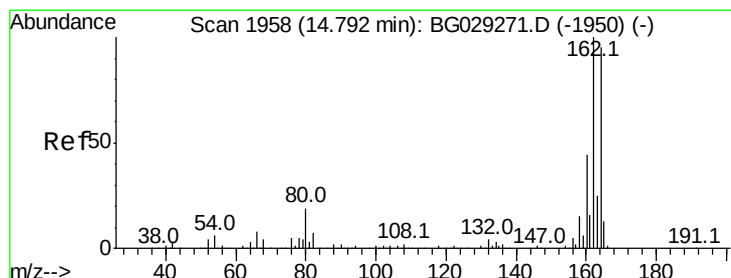
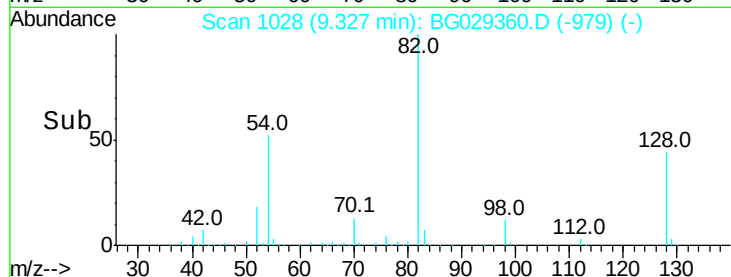
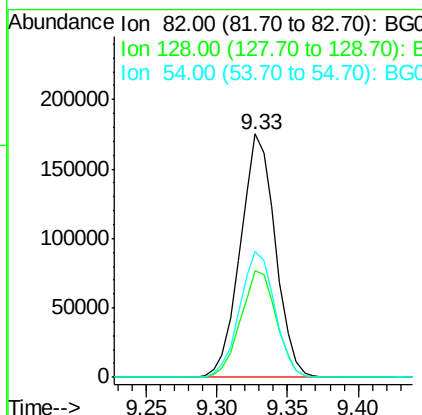
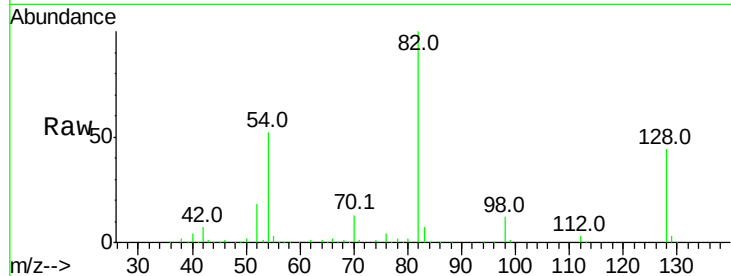




#23
 Nitrobenzene-d5
 Concen: 86.130 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029360.D
 Acq: 19 Oct 2017 10:24

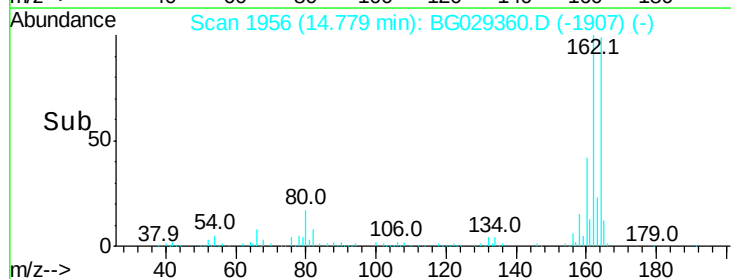
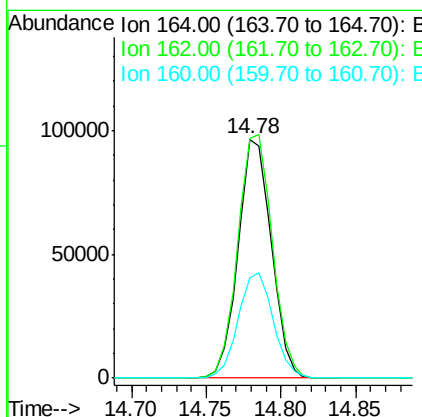
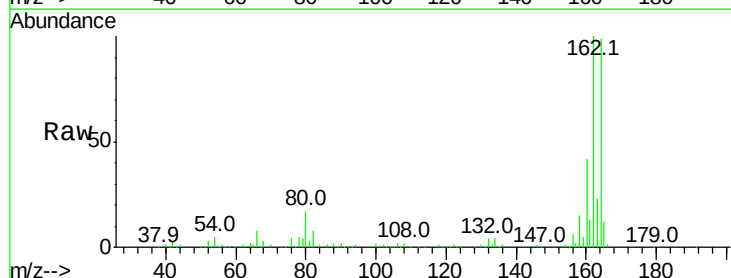
Instrument :
 BNA_G
 ClientSampled :

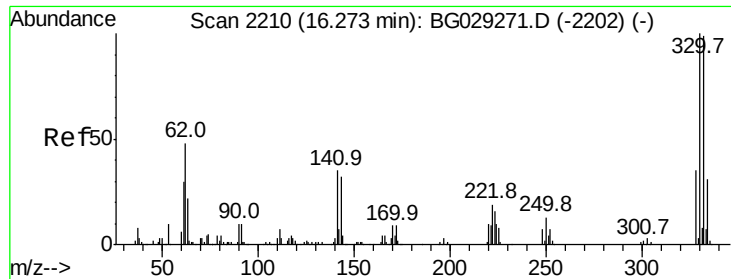
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	51.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029360.D
 Acq: 19 Oct 2017 10:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	41.9	35.4	53.0

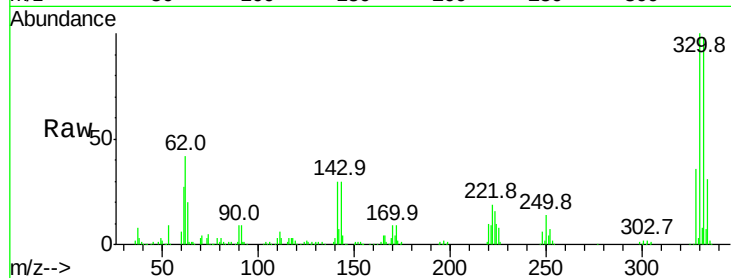




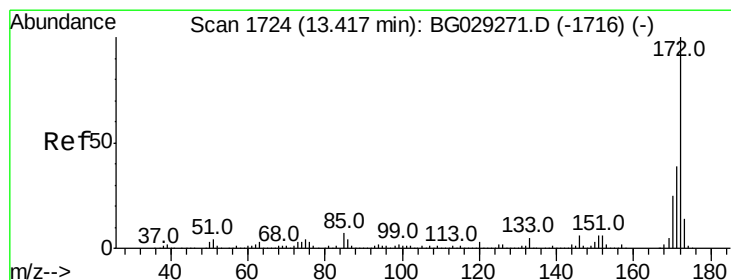
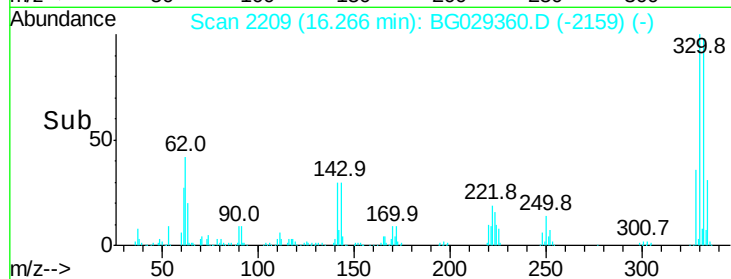
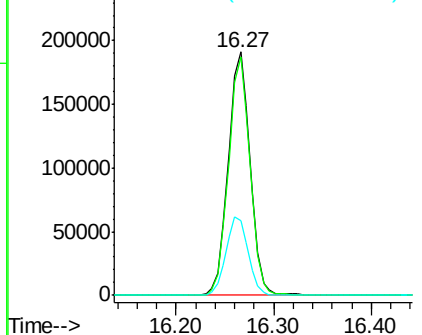
#41
 2,4,6-Tribromophenol
 Concen: 154.557 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029360.D
 Acq: 19 Oct 2017 10:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.8	25.2	37.8

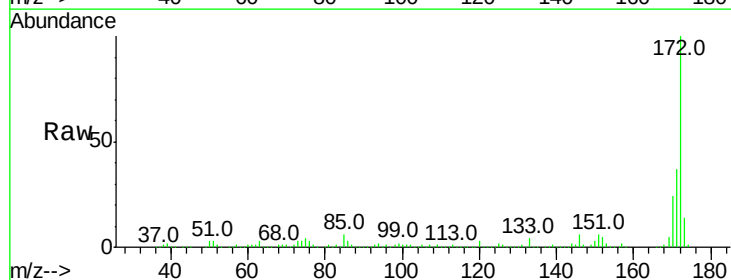


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

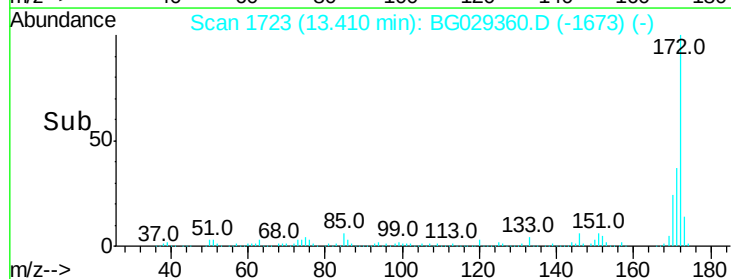
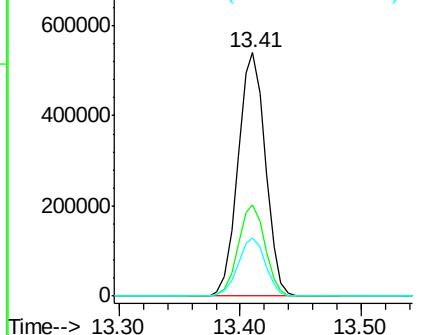


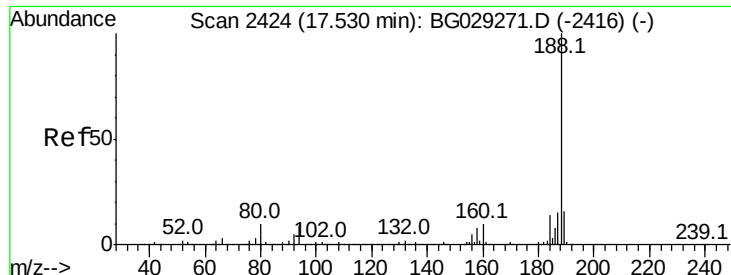
#44
 2-Fluorobiphenyl
 Concen: 83.841 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029360.D
 Acq: 19 Oct 2017 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.9	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

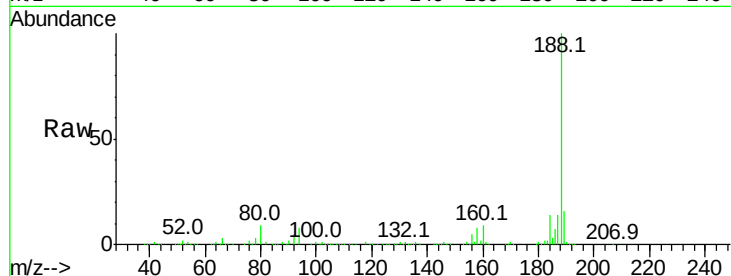




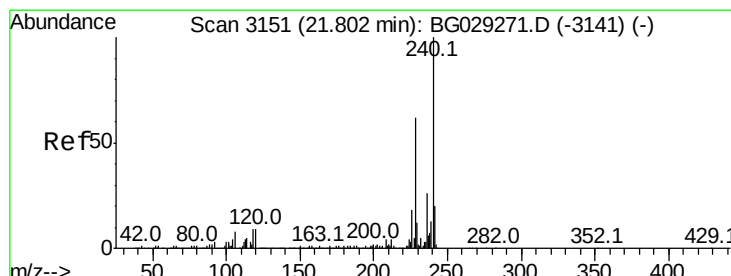
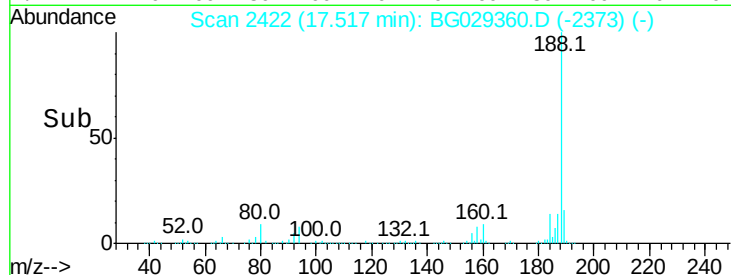
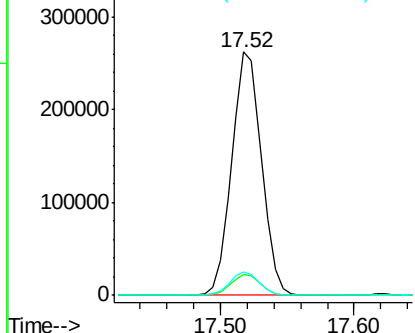
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029360.D
Acq: 19 Oct 2017 10:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 407465
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.4 7.7 11.5

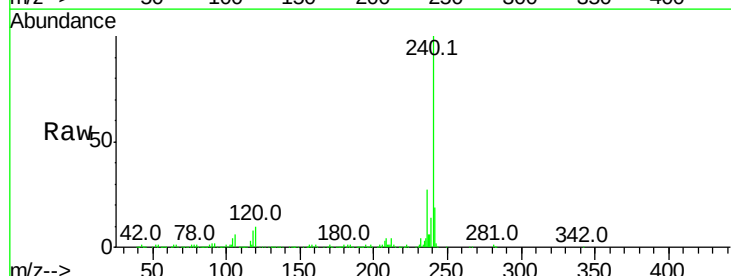


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

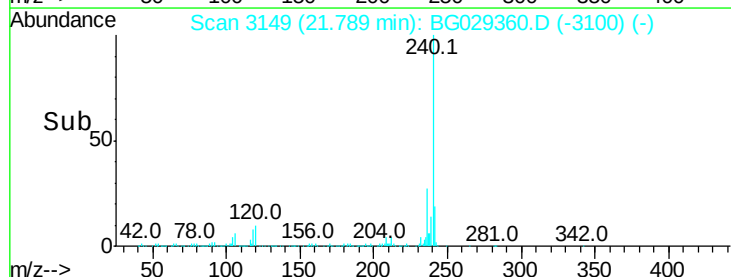
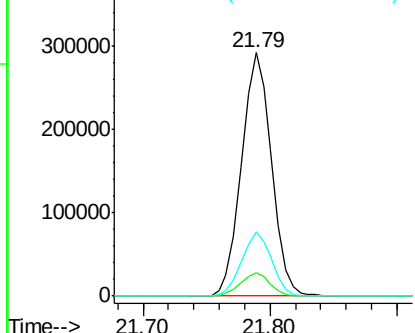


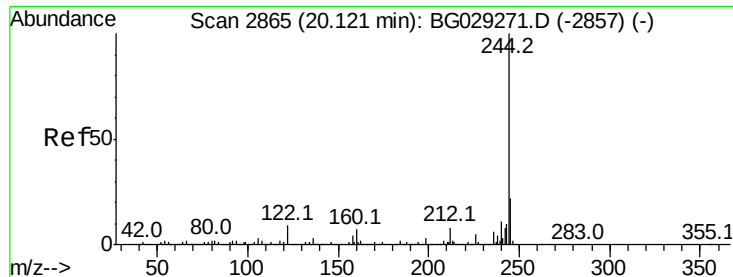
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029360.D
Acq: 19 Oct 2017 10:24

Tgt Ion:240 Resp: 478632
Ion Ratio Lower Upper
240 100
120 9.6 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: 78.099 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029360.D

Acq: 19 Oct 2017 10:24

Instrument :

BNA_G

ClientSampleId :

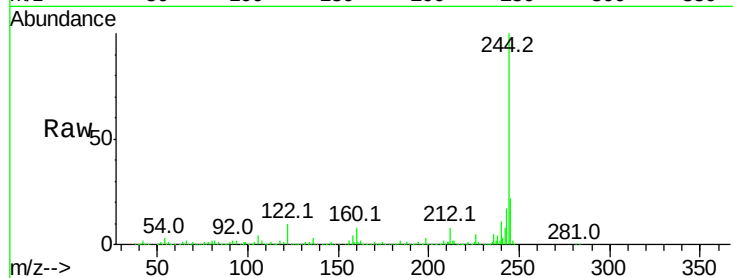
Tot Ion:244 Resp: 1643156

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	10.0	7.0	10.4

244 100

212 8.3 5.8 8.8

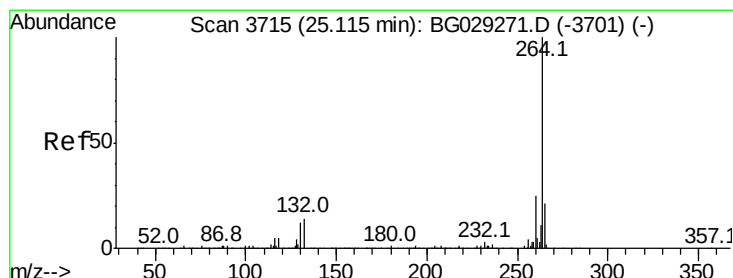
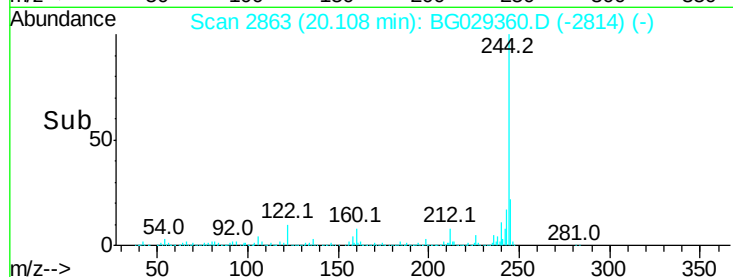
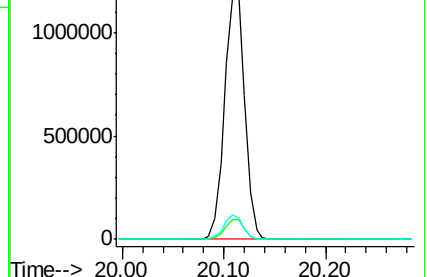
122 10.0 7.0 10.4



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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029360.D

Acq: 19 Oct 2017 10:24

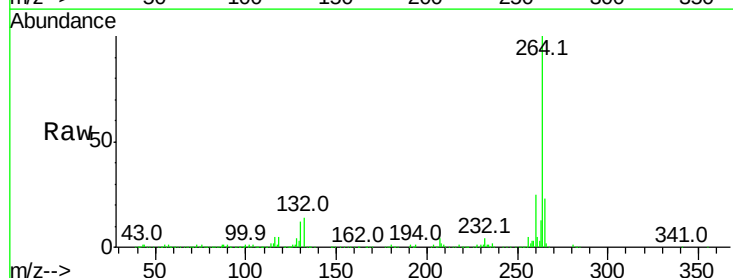
Tgt Ion:264 Resp: 486311

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.6	17.7	26.5

264 100

260 24.8 17.4 26.0

265 22.6 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

