

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029383.D
 Acq On : 20 Oct 2017 22:06
 Operator : SJ/JU
 Sample : PB103492TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 22:34:48 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	56823	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	251058	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	173786	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	477801	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	549958	20.00	ng	-0.01
86) Perylene-d12	25.09	264	561083	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	450371	132.41	ng	0.00
7) Phenol-d6	7.32	99	590878	123.76	ng	0.00
23) Nitrobenzene-d5	9.33	82	330471	83.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	350220	156.09	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	940135	79.34	ng	-0.01
78) Terphenyl-d14	20.11	244	1831077	75.74	ng	-0.01

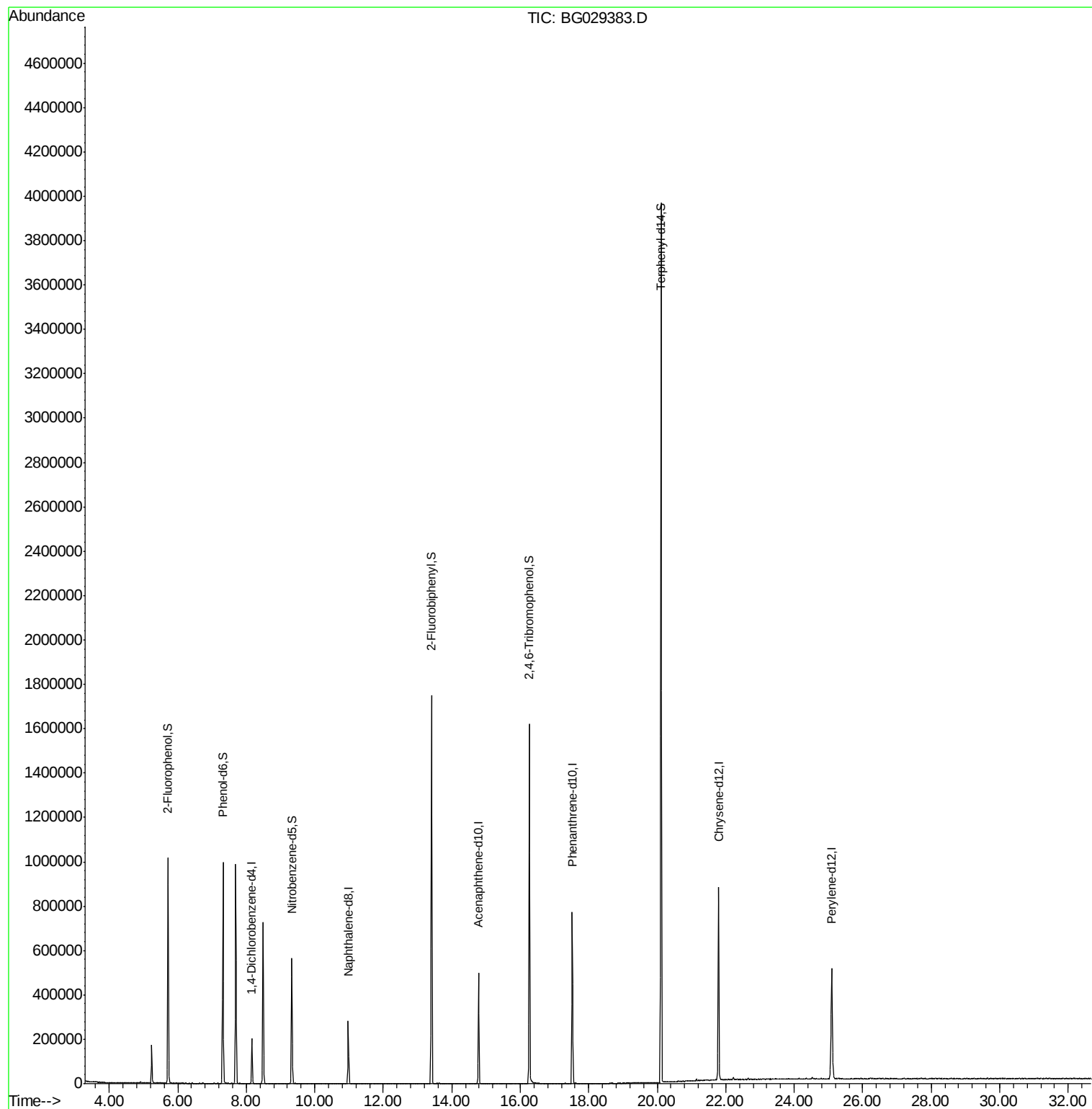
Target Compounds Qvalue

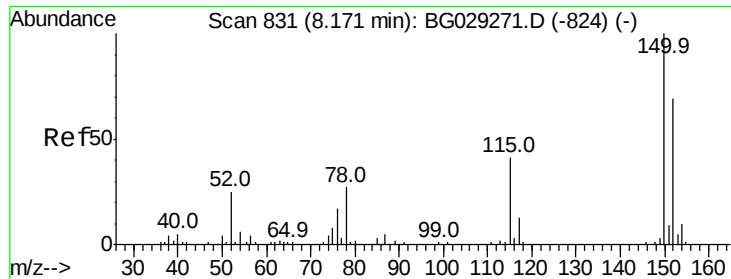
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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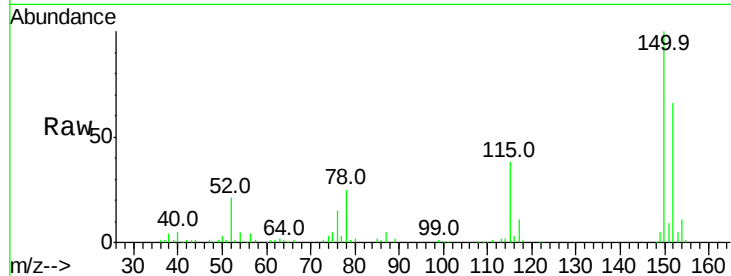


#1

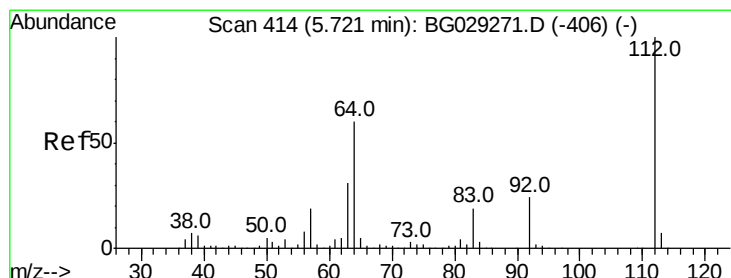
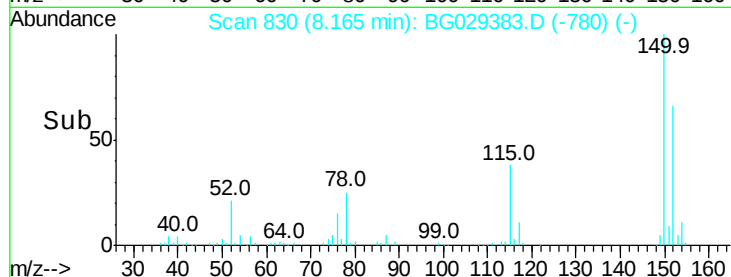
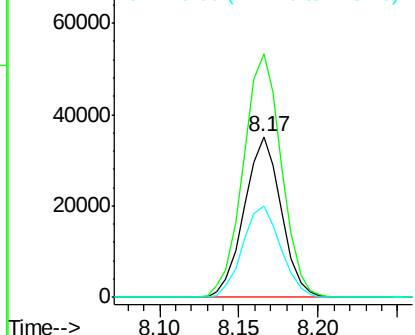
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029383.D
Acq: 20 Oct 2017 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56823
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 57.1 53.0 79.4



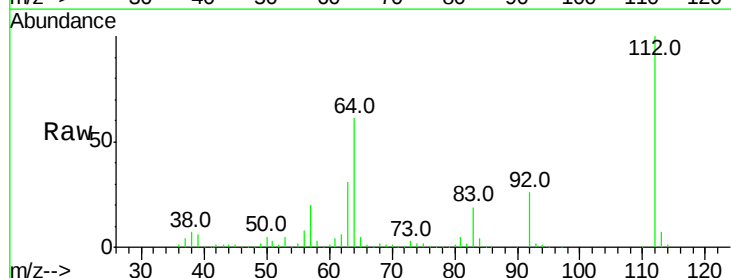
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



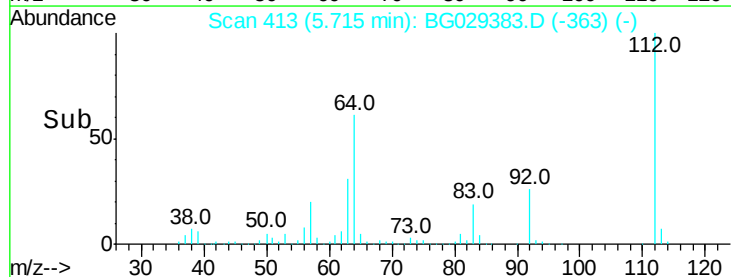
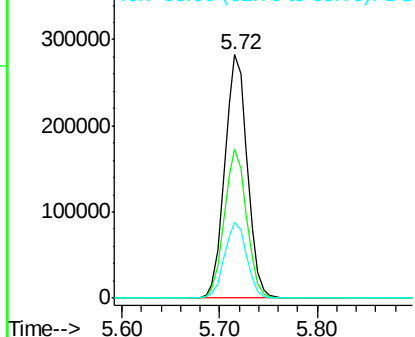
#5

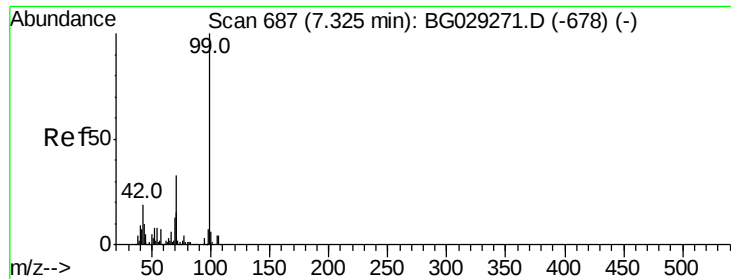
2-Fluorophenol
Concen: 132.406 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029383.D
Acq: 20 Oct 2017 22:06

Tgt Ion:112 Resp: 450371
Ion Ratio Lower Upper
112 100
64 61.4 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: 123.758 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029383.D

Acq: 20 Oct 2017 22:06

Instrument :

BNA_G

ClientSampleId :

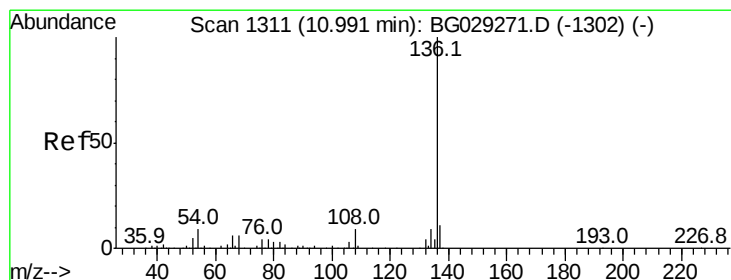
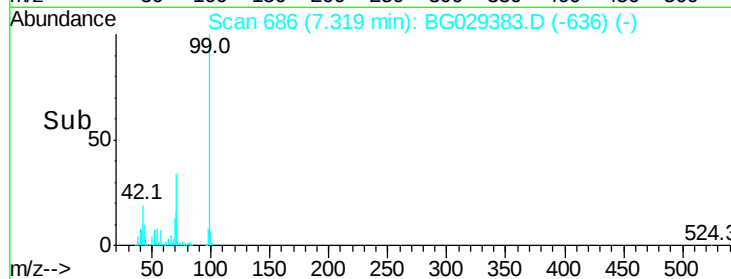
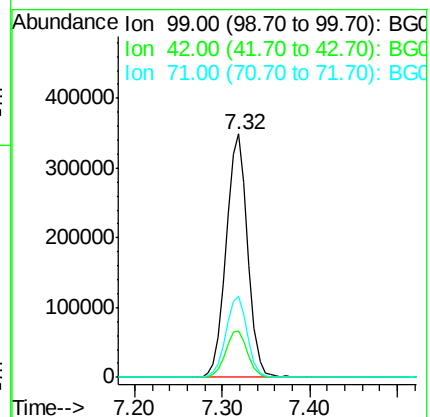
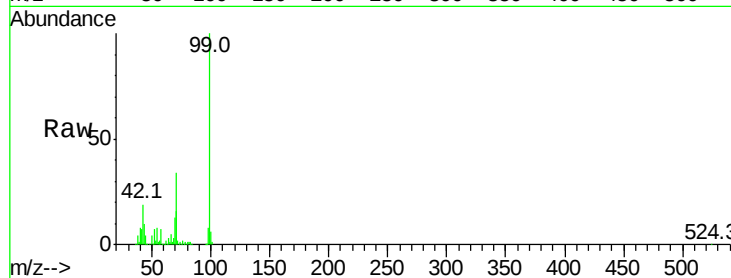
Tot Ion: 99 Resp: 590878

Ion Ratio Lower Upper

99 100

42 19.2 14.1 21.1

71 33.5 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029383.D

Acq: 20 Oct 2017 22:06

Tgt Ion: 136 Resp: 251058

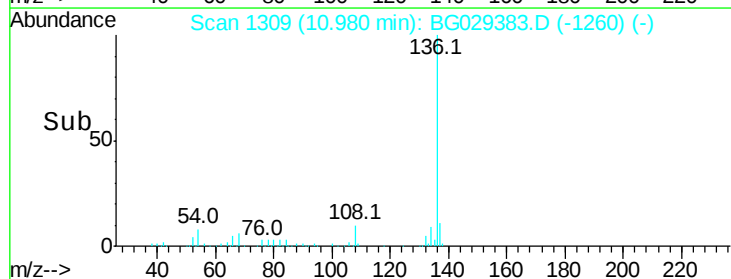
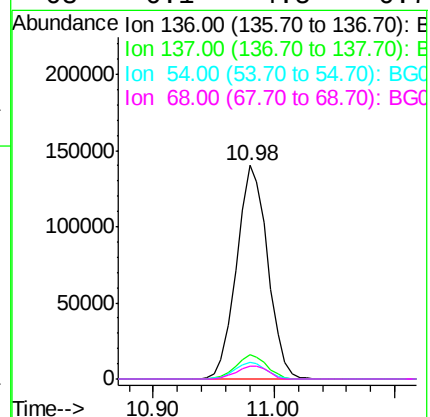
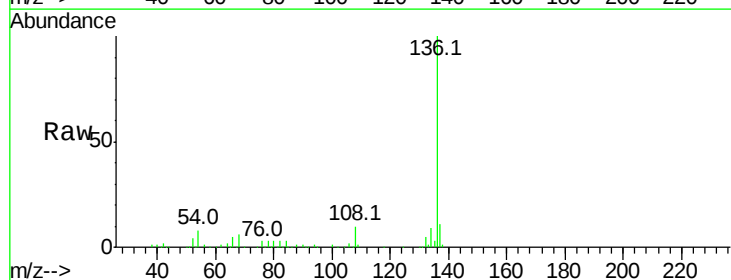
Ion Ratio Lower Upper

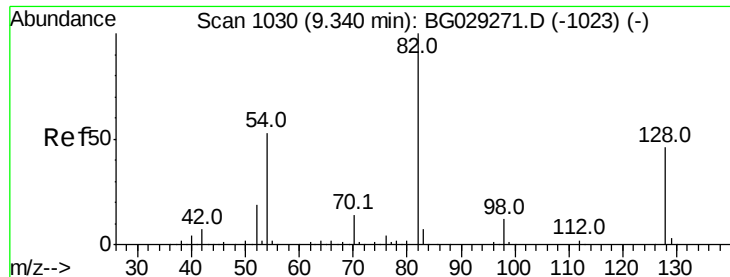
136 100

137 11.1 9.2 13.8

54 8.1 10.3 15.5#

68 6.1 4.5 6.7

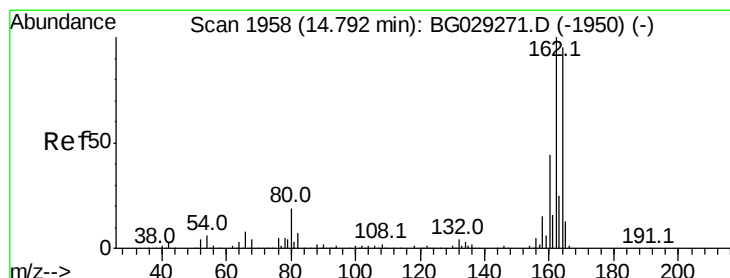
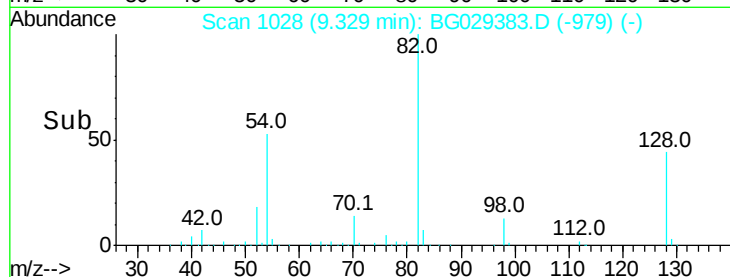
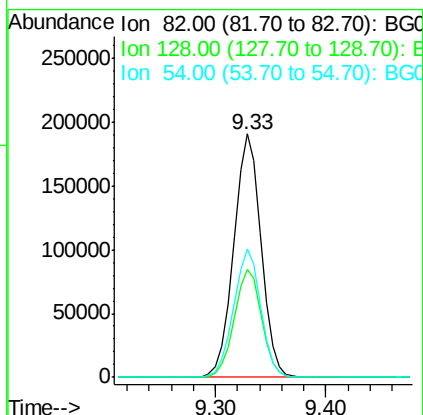
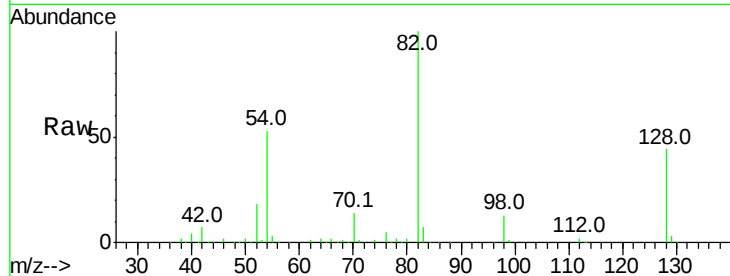




#23
Nitrobenzene-d5
Concen: 83.648 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029383.D
Acq: 20 Oct 2017 22:06

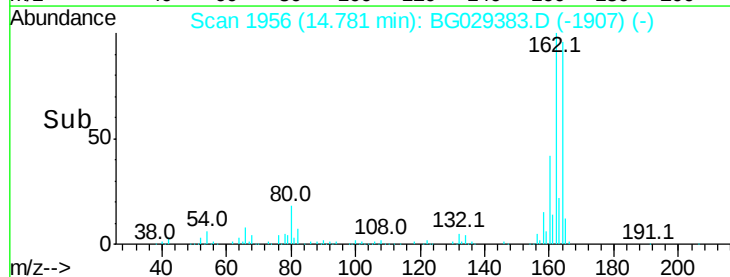
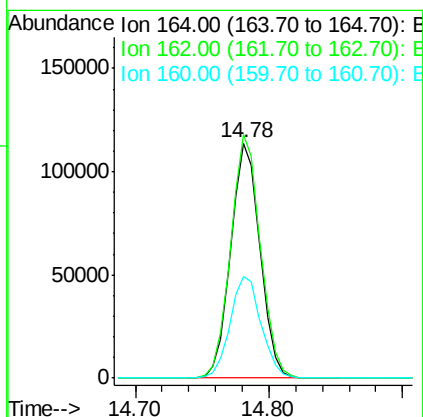
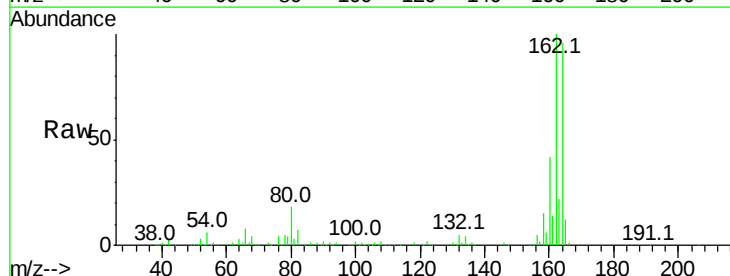
Instrument :
BNA_G
ClientSampleId :

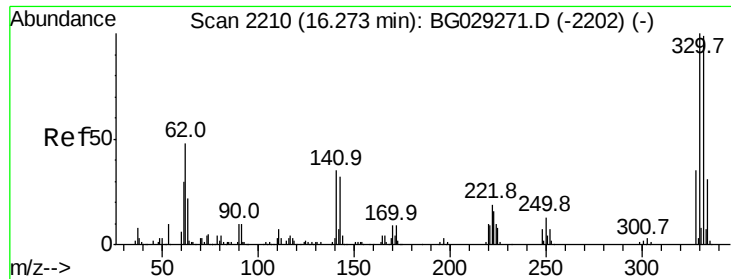
Tot Ion: 82 Resp: 330471
Ion Ratio Lower Upper
82 100
128 44.4 29.7 44.5
54 52.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029383.D
Acq: 20 Oct 2017 22:06

Tgt Ion:164 Resp: 173786
Ion Ratio Lower Upper
164 100
162 103.7 78.8 118.2
160 43.4 35.4 53.0

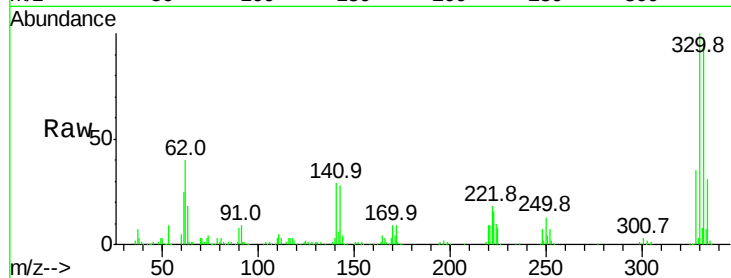




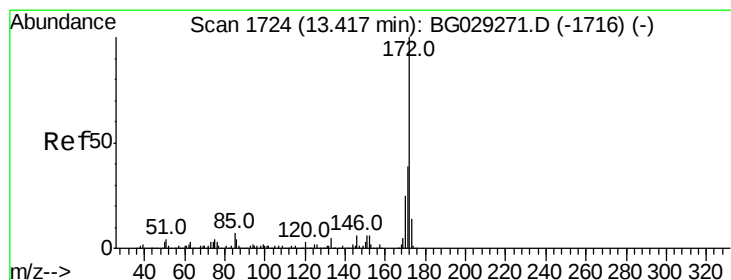
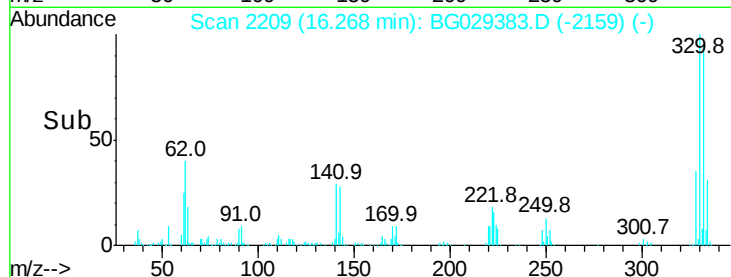
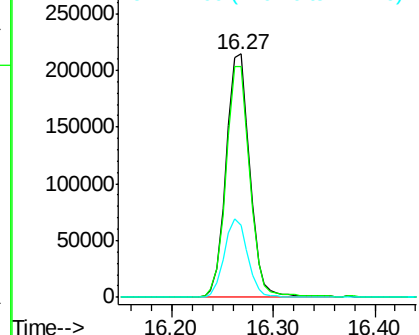
#41
 2,4,6-Tribromophenol
 Concen: 156.087 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029383.D
 Acq: 20 Oct 2017 22:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	32.1	25.2	37.8

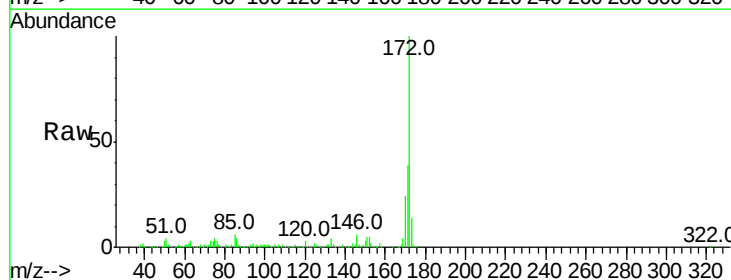


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

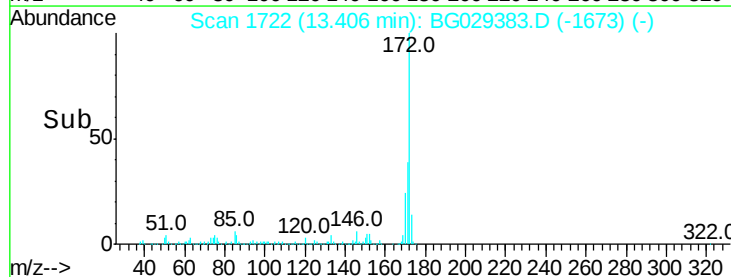
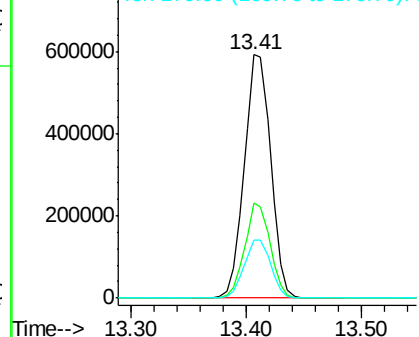


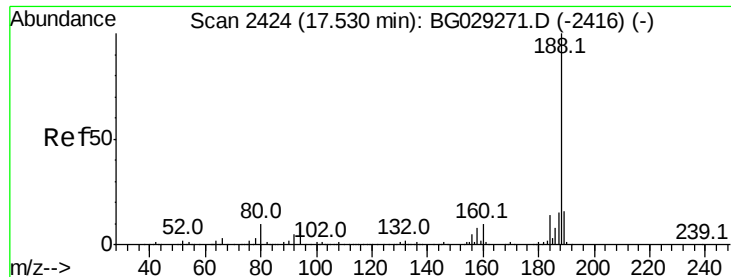
#44
 2-Fluorobiphenyl
 Concen: 79.342 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029383.D
 Acq: 20 Oct 2017 22:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	24.1	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

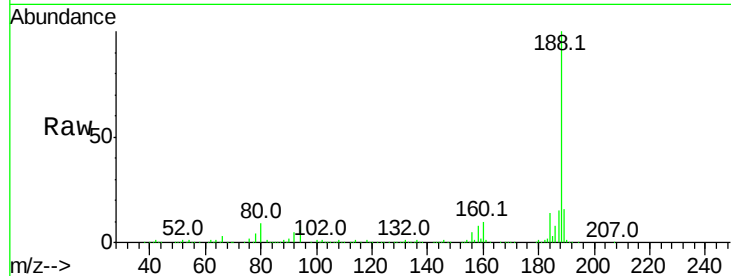




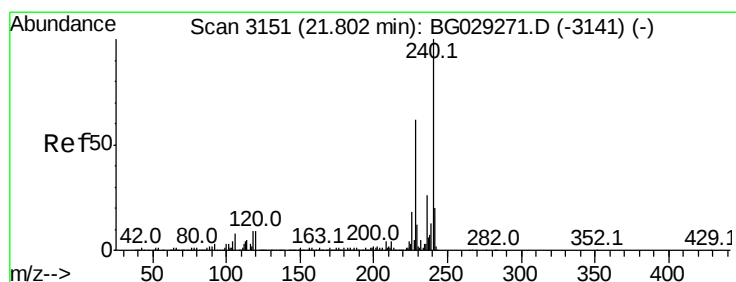
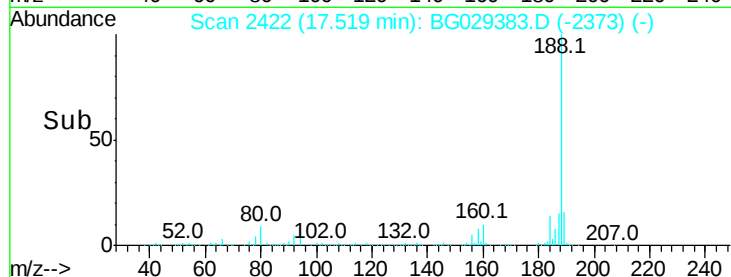
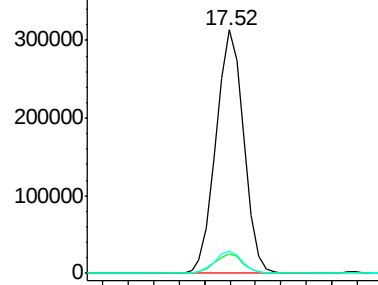
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029383.D
Acq: 20 Oct 2017 22:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 477801
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.1 7.7 11.5

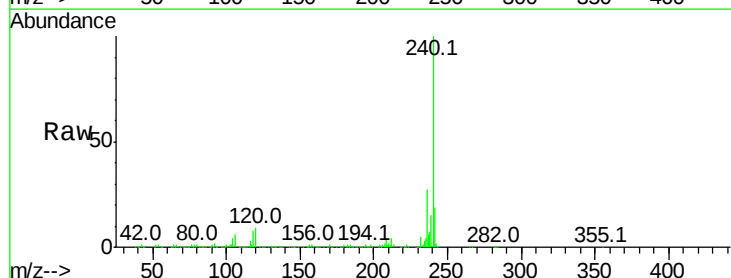


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

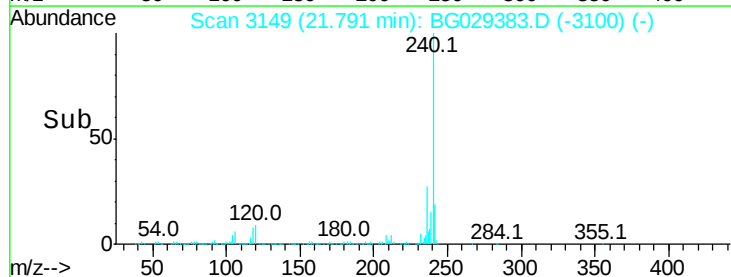
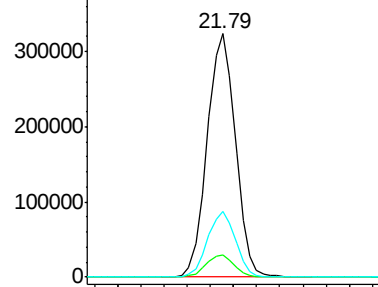


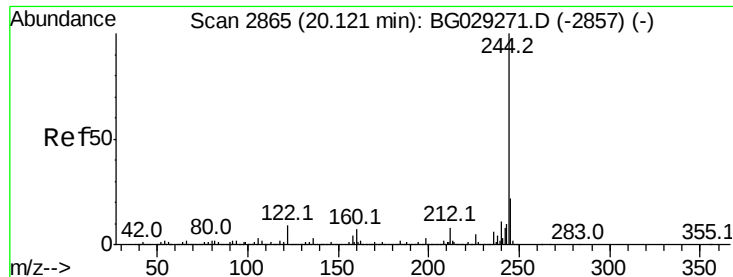
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029383.D
Acq: 20 Oct 2017 22:06

Tgt Ion:240 Resp: 549958
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 27.2 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: 75.743 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029383.D

Acq: 20 Oct 2017 22:06

Instrument :

BNA_G

ClientSampleId :

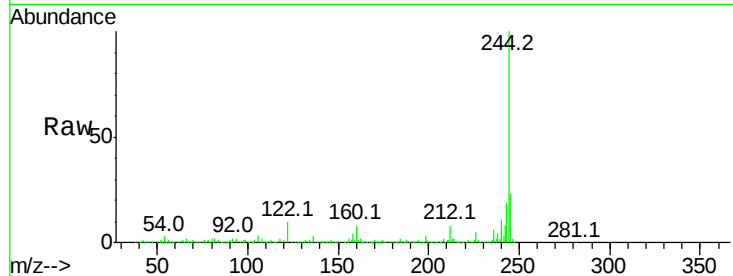
Tot Ion:244 Resp: 1831077

Ion Ratio Lower Upper

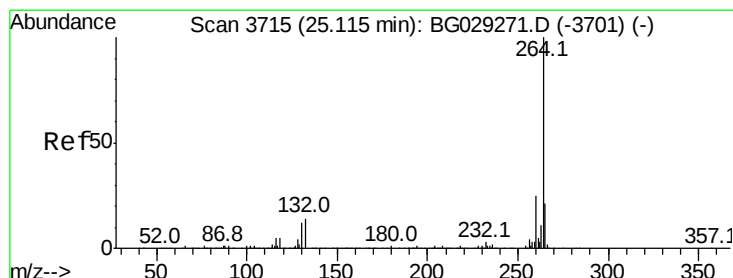
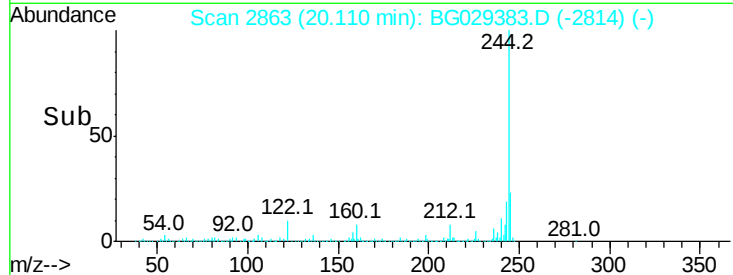
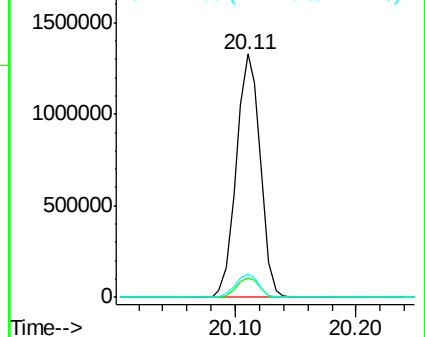
244 100

212 8.1 5.8 8.8

122 9.6 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: BG029383.D

Acq: 20 Oct 2017 22:06

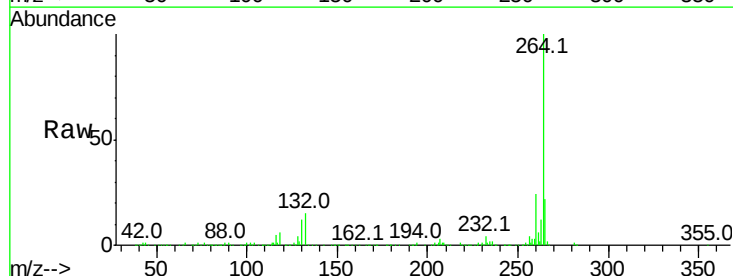
Tgt Ion:264 Resp: 561083

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.5 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

