

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029021.D
 Acq On : 4 Oct 2017 1:55
 Operator : SJ/JU
 Sample : PB102869TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:26:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	43512	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	164936	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	114351	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	306877	20.00	ng	-0.08
75) Chrysene-d12	21.92	240	353352	20.00	ng	-0.11
86) Perylene-d12	25.34	264	339433	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	372551	141.28	ng	-0.09
7) Phenol-d6	7.40	99	491802	123.87	ng	-0.09
23) Nitrobenzene-d5	9.41	82	313872	91.03	ng	-0.09
41) 2,4,6-Tribromophenol	16.35	330	267036	141.19	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	769605	89.74	ng	-0.08
78) Terphenyl-d14	20.20	244	1555640	93.89	ng	-0.08

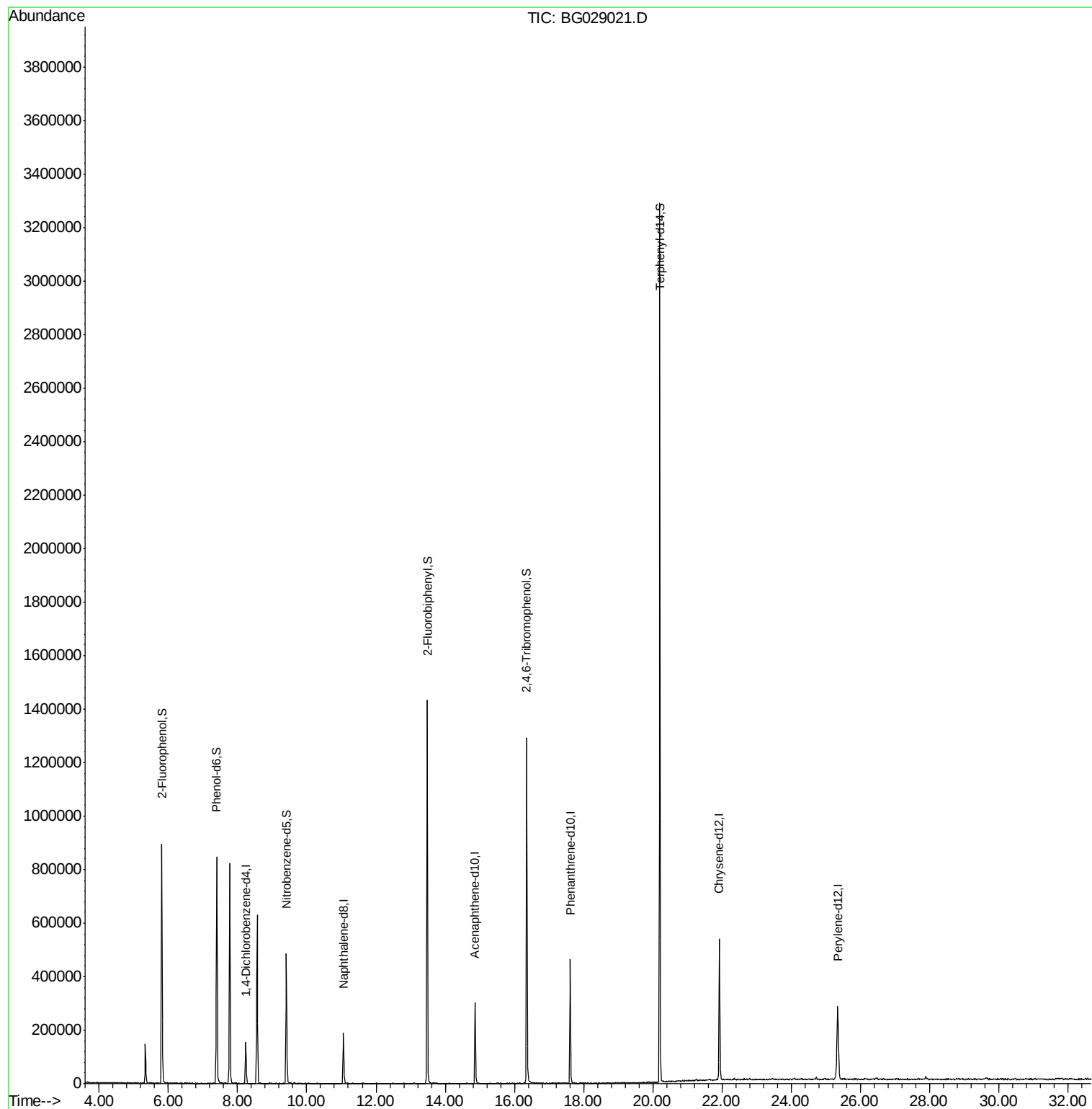
Target Compounds Qvalue

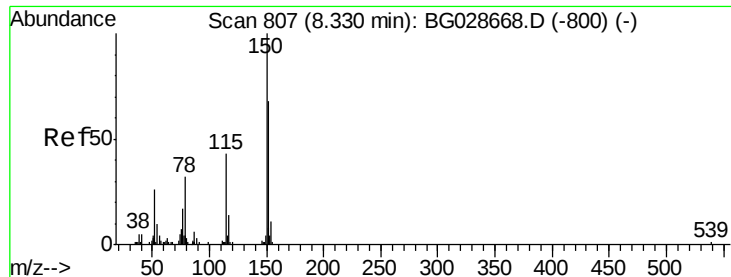
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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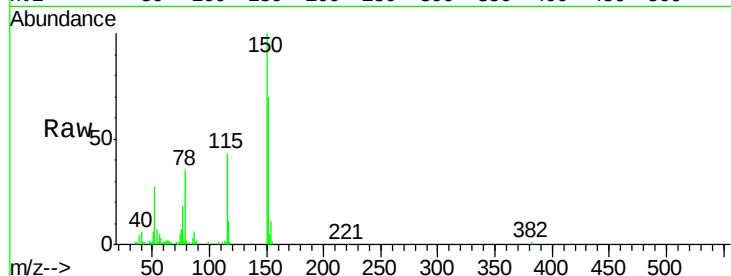


#1

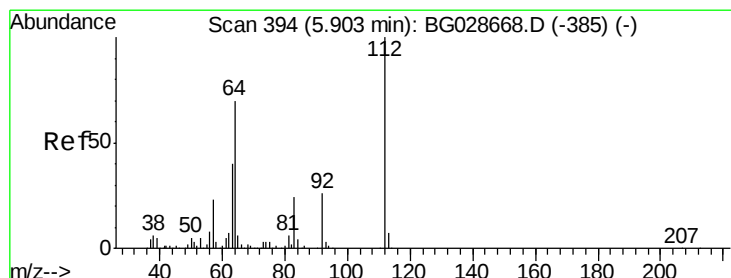
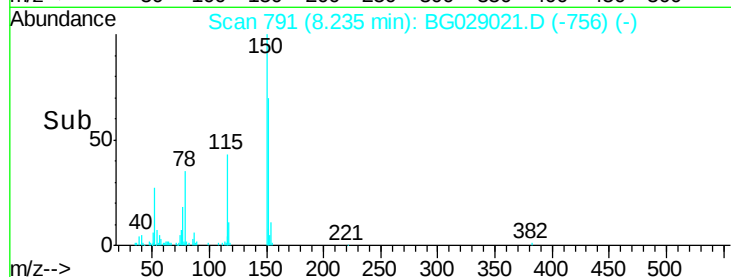
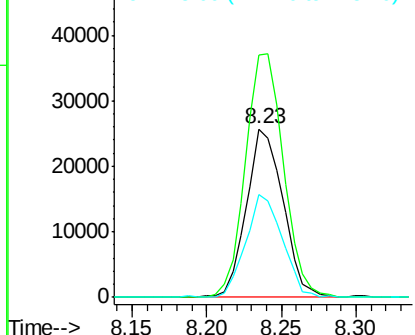
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.23 min Scan# 791
Delta R.T. -0.09 min
Lab File: BG029021.D
Acq: 4 Oct 2017 1:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.6	114.0	171.0
115	61.4	48.1	72.1



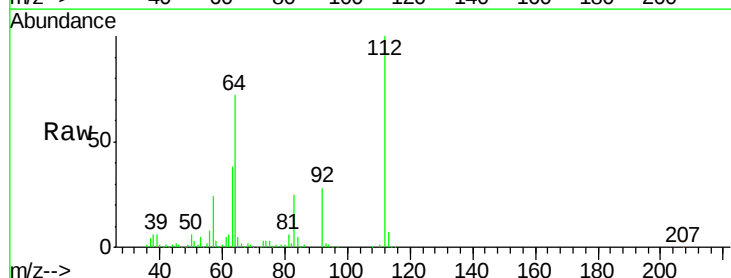
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



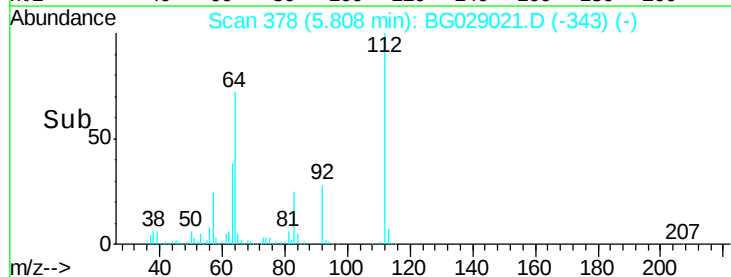
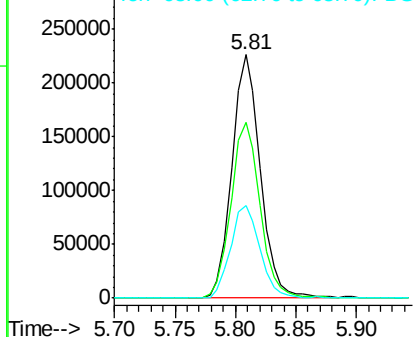
#5

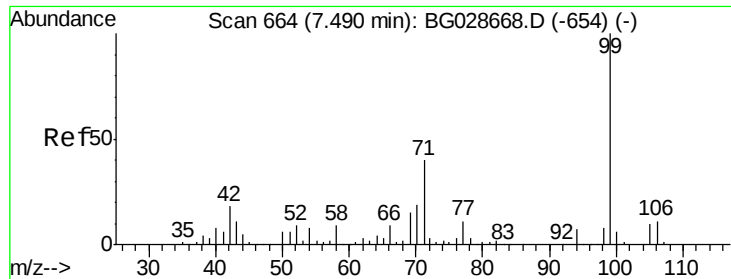
2-Fluorophenol
Concen: 141.28 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029021.D
Acq: 4 Oct 2017 1:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	61.8	92.6
63	38.2	37.2	55.8



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: 123.87 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

Instrument :

BNA_G

ClientSampleId :

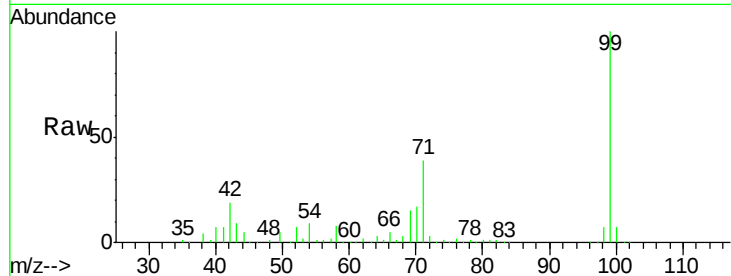
Tot Ion: 99 Resp: 491802

Ion Ratio Lower Upper

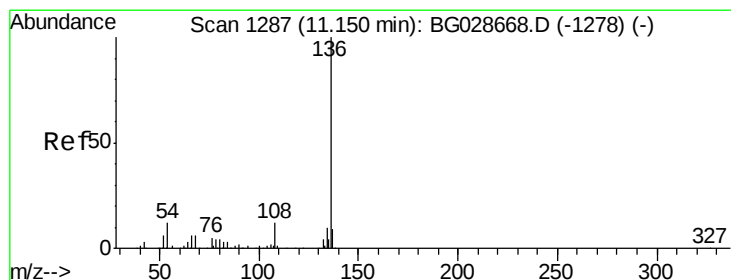
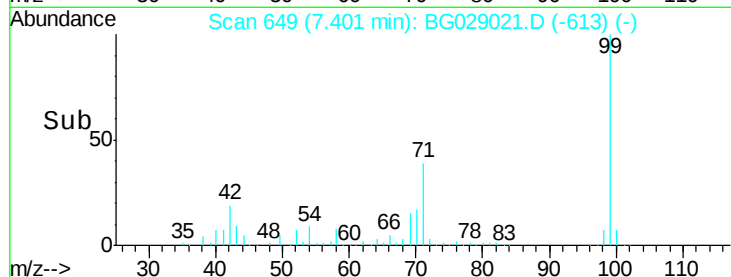
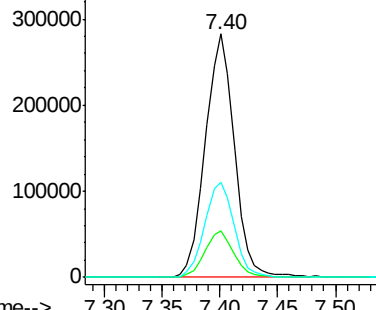
99 100

42 18.9 20.5 30.7#

71 39.1 37.6 56.4



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: 20.00 ng

RT: 11.06 min Scan# 1272

Delta R.T. -0.09 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

Tgt Ion: 136 Resp: 164936

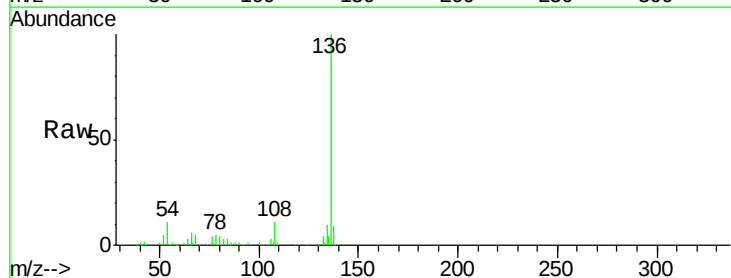
Ion Ratio Lower Upper

136 100

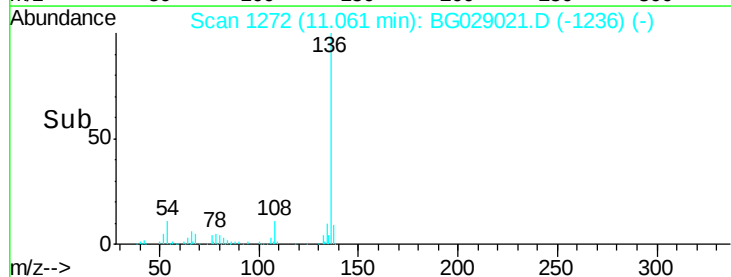
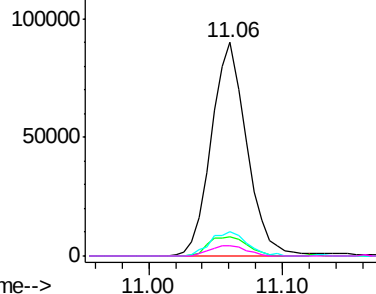
137 9.2 8.9 13.3

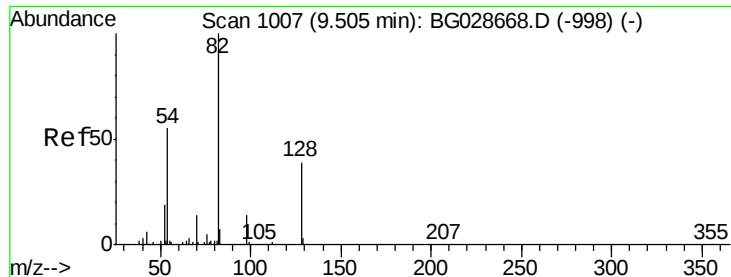
54 11.3 9.3 13.9

68 4.8 5.1 7.7#



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

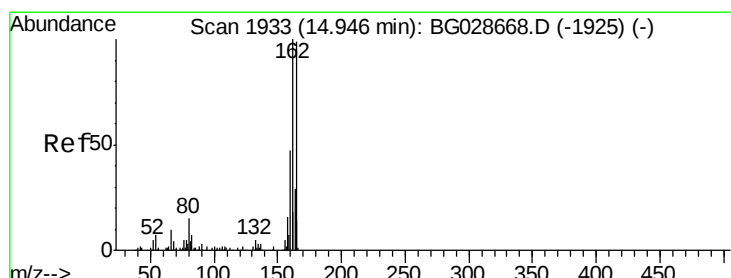
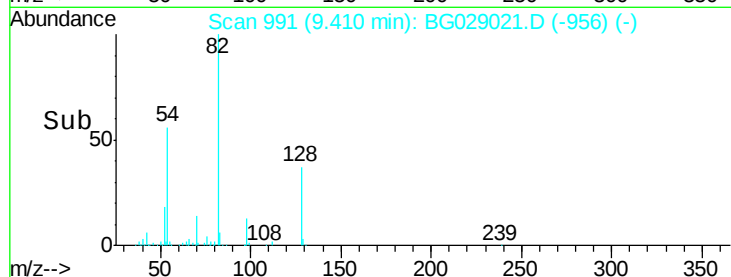
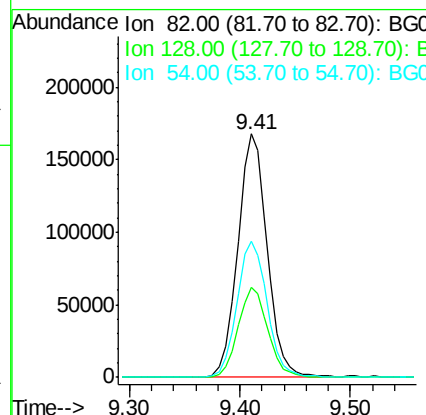
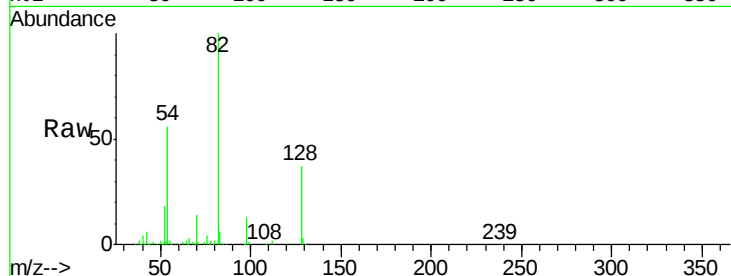




#23
 Nitrobenzene-d5
 Concen: 91.03 ng
 RT: 9.41 min Scan# 991
 Delta R.T. -0.09 min
 Lab File: BG029021.D
 Acq: 4 Oct 2017 1:55

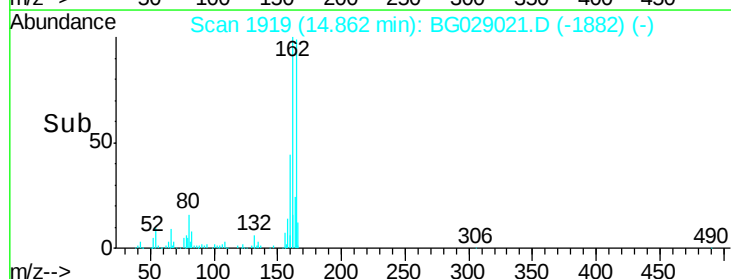
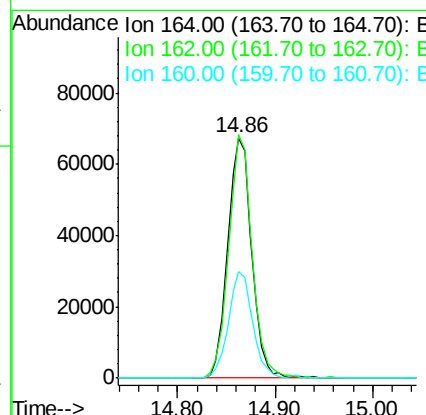
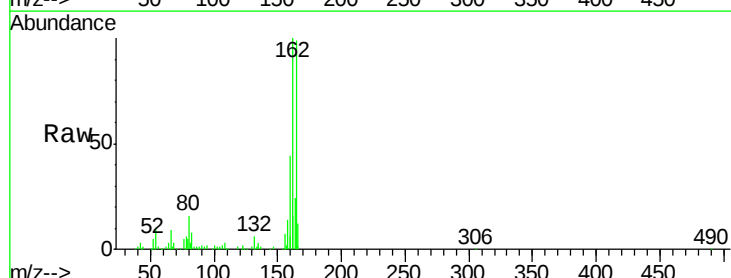
Instrument :
 BNA_G
 ClientSampled :

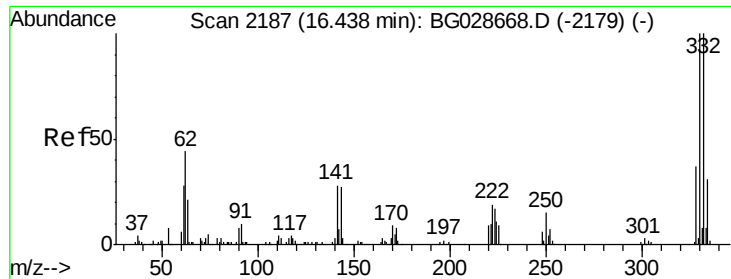
Tot Ion: 82 Resp: 313872
 Ion Ratio Lower Upper
 82 100
 128 37.0 26.4 39.6
 54 55.8 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.86 min Scan# 1919
 Delta R.T. -0.08 min
 Lab File: BG029021.D
 Acq: 4 Oct 2017 1:55

Tgt Ion: 164 Resp: 114351
 Ion Ratio Lower Upper
 164 100
 162 101.5 85.1 127.7
 160 44.3 34.7 52.1

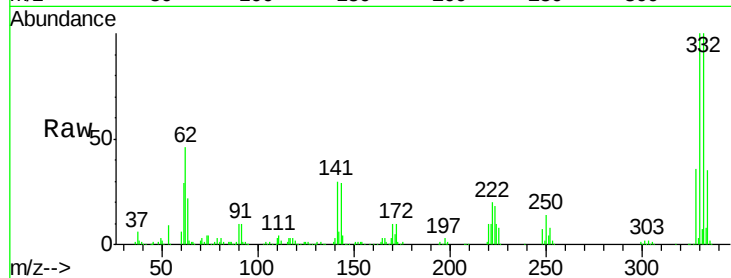




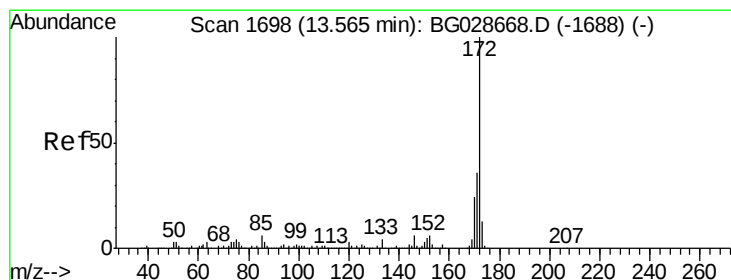
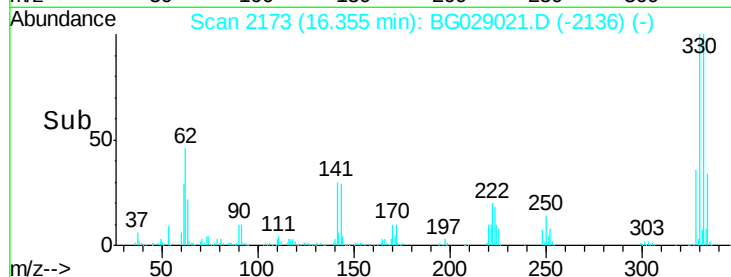
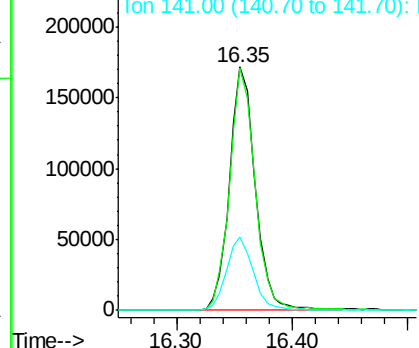
#41
 2,4,6-Tribromophenol
 Concen: 141.19 ng
 RT: 16.35 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG029021.D
 Acq: 4 Oct 2017 1:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	31.0	32.1	48.1#

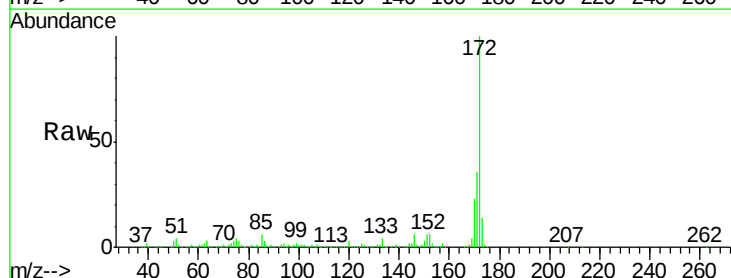


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

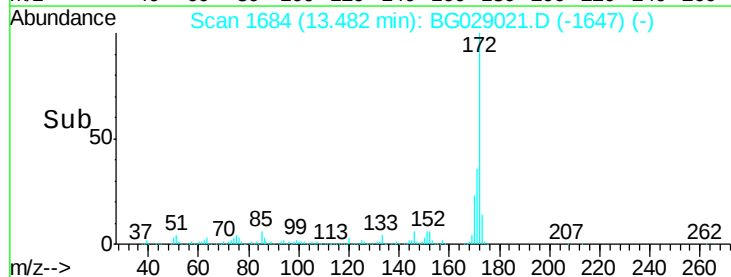
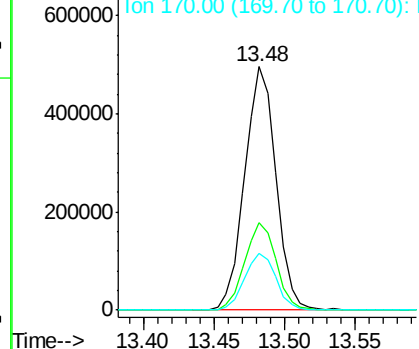


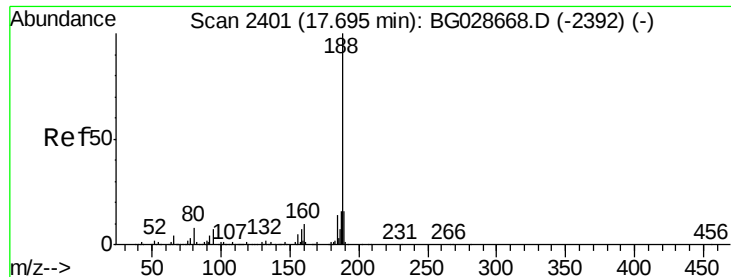
#44
 2-Fluorobiphenyl
 Concen: 89.74 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029021.D
 Acq: 4 Oct 2017 1:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	32.2	48.2
170	23.1	21.8	32.6



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

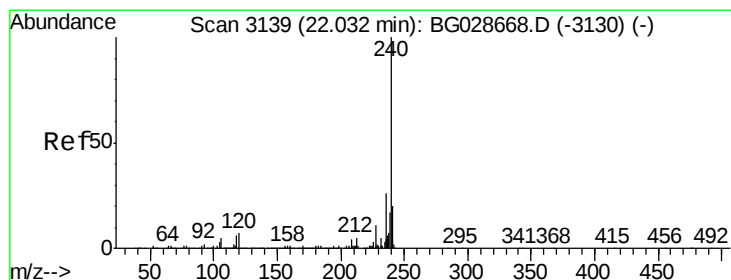
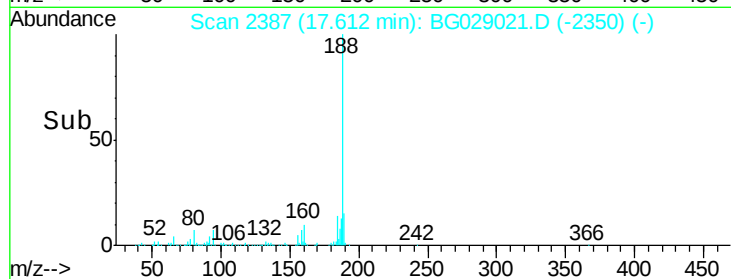
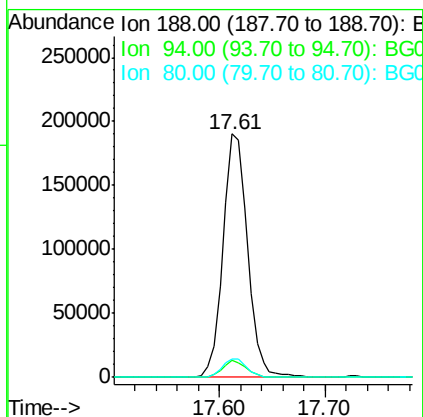
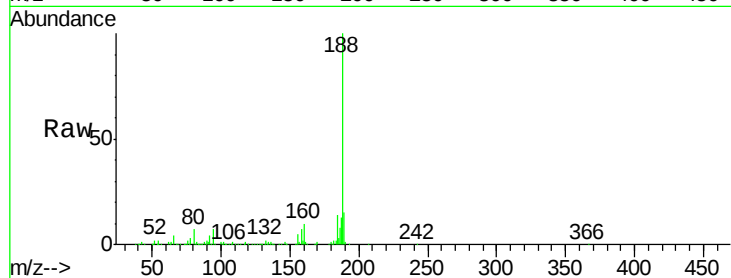




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029021.D
Acq: 4 Oct 2017 1:55

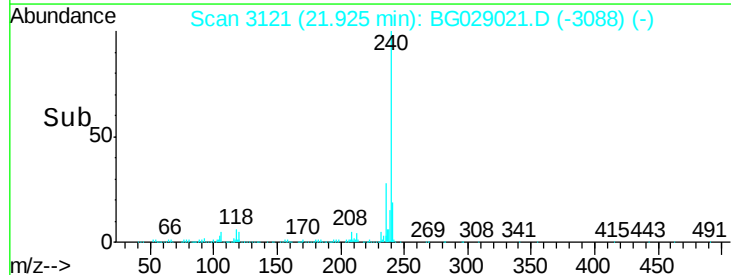
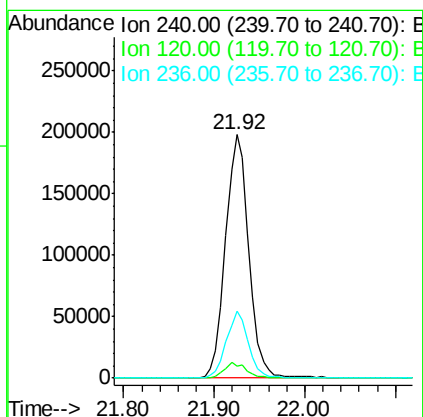
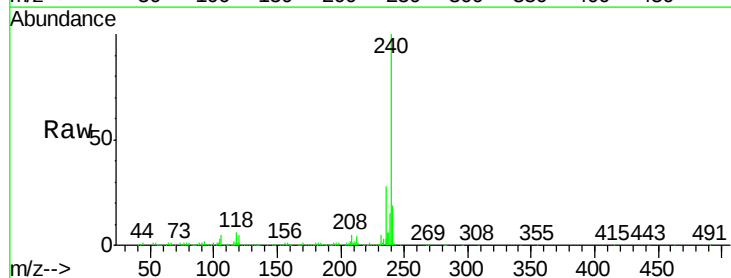
Instrument :
BNA_G
ClientSampleId :

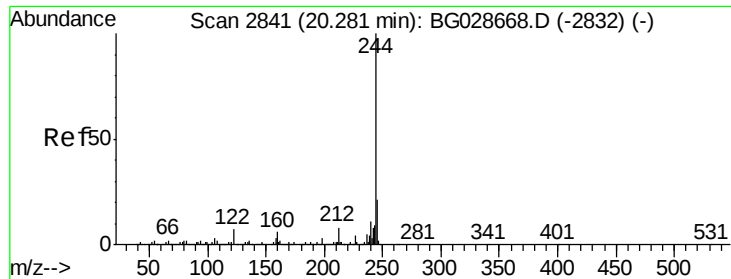
Tot Ion:188 Resp: 306877
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 7.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3121
Delta R.T. -0.11 min
Lab File: BG029021.D
Acq: 4 Oct 2017 1:55

Tgt Ion:240 Resp: 353352
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 27.7 22.2 33.4





#78

Terphenyl-d14

Concen: 93.89 ng

RT: 20.20 min Scan# 2828

Delta R.T. -0.08 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

Instrument :

BNA_G

ClientSampleId :

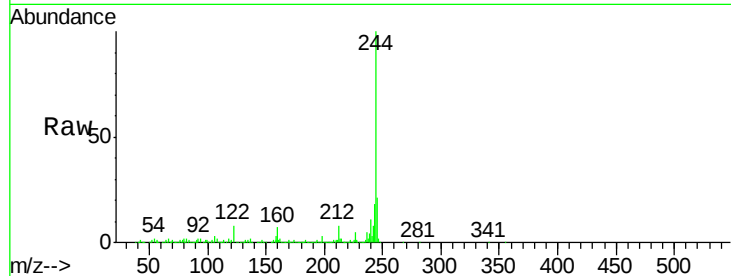
Tot Ion:244 Resp: 1555640

Ion Ratio Lower Upper

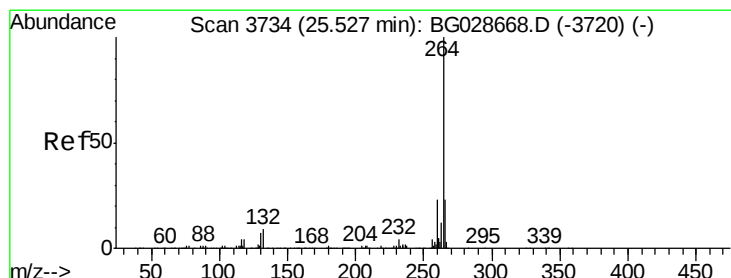
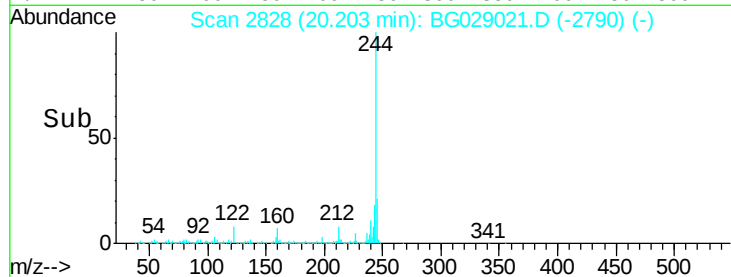
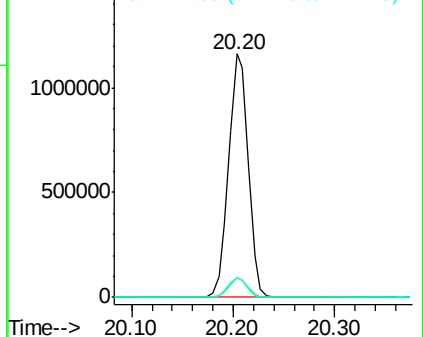
244 100

212 7.8 10.0 15.0#

122 7.8 8.6 12.8#



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: 20.00 ng

RT: 25.34 min Scan# 3703

Delta R.T. -0.18 min

Lab File: BG029021.D

Acq: 4 Oct 2017 1:55

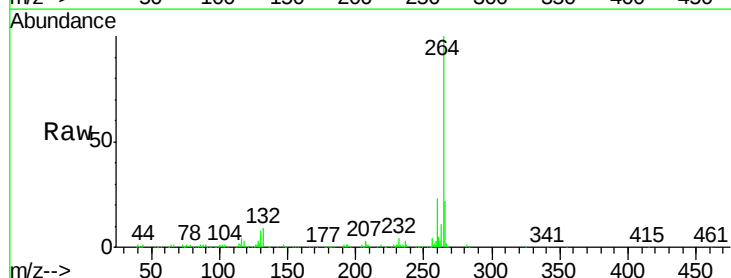
Tgt Ion:264 Resp: 339433

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 21.9 18.2 27.4



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

