

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029025.D
 Acq On : 4 Oct 2017 4:33
 Operator : SJ/JU
 Sample : I5584-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:27:27 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	8.24	152	76119	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	289456	20.00	ng	-0.09
38) Acenaphthene-d10	14.87	164	195556	20.00	ng	-0.08
63) Phenanthrene-d10	17.62	188	549199	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	676276	20.00	ng	-0.10
86) Perylene-d12	25.35	264	637603	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	322727	69.96	ng	-0.09
7) Phenol-d6	7.40	99	384705	55.39	ng	-0.09
23) Nitrobenzene-d5	9.41	82	287260	47.47	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	250375	77.41	ng	-0.08
44) 2-Fluorobiphenyl	13.49	172	680124	46.38	ng	-0.08
78) Terphenyl-d14	20.21	244	1508741	47.58	ng	-0.07

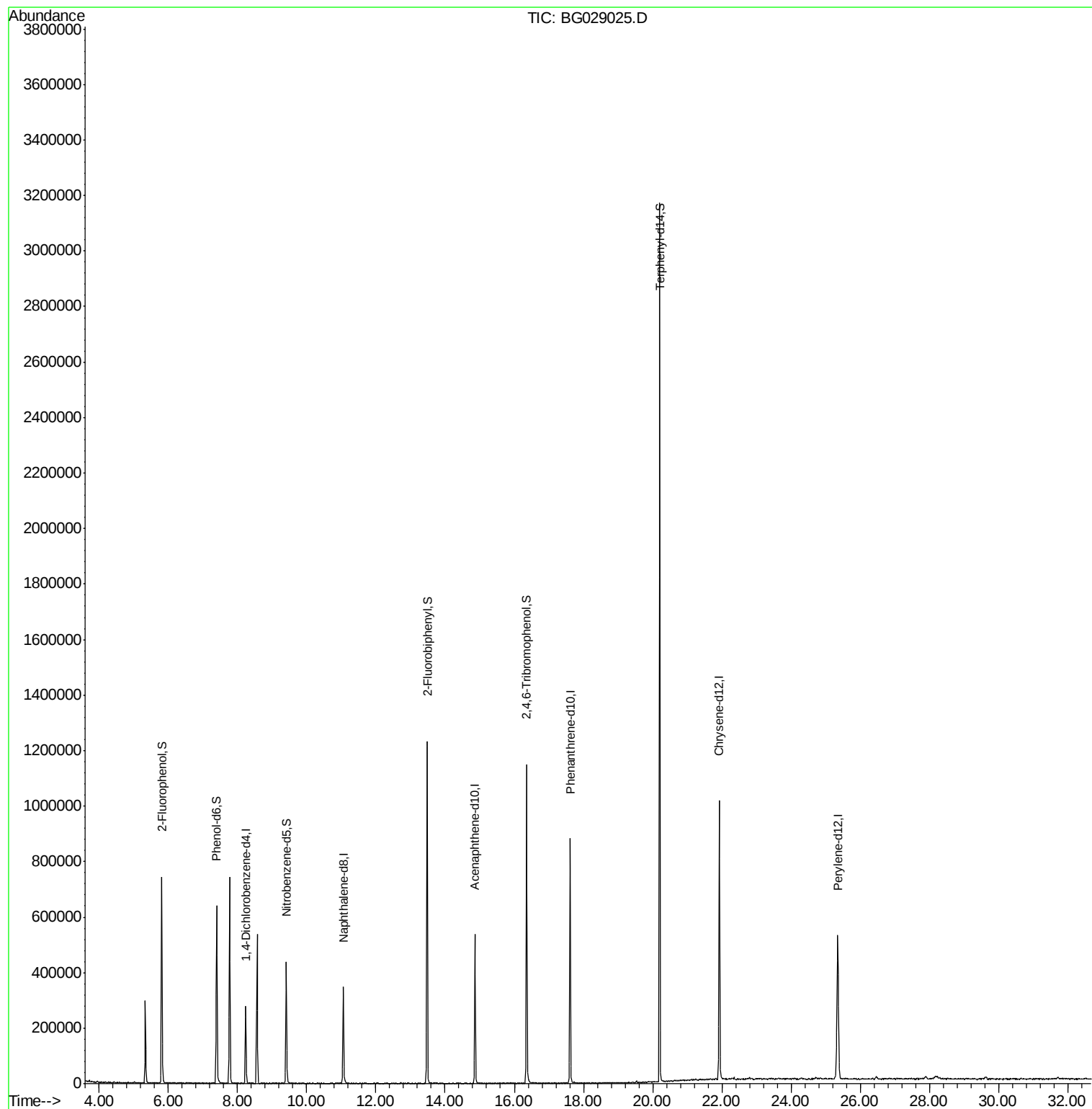
Target Compounds Qvalue

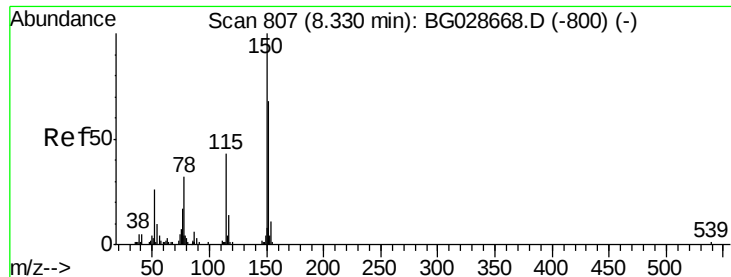
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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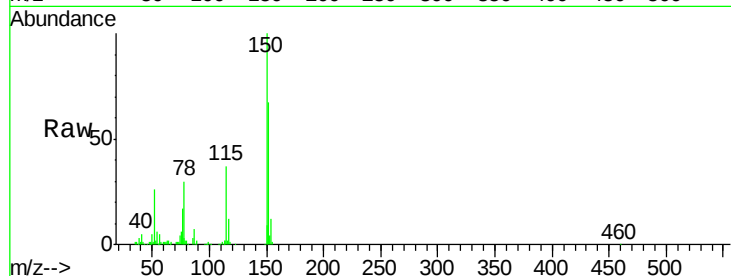


#1

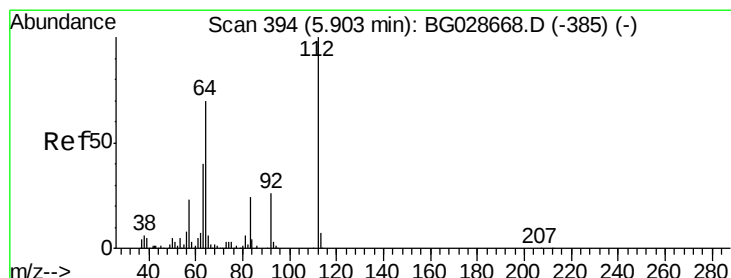
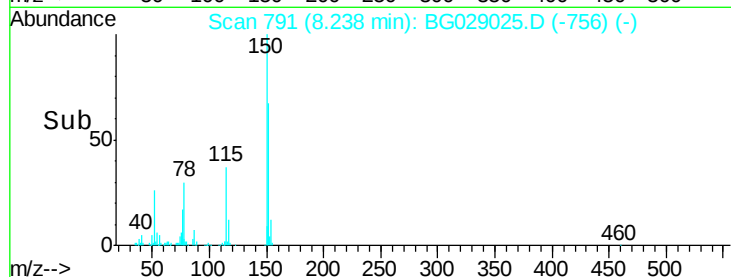
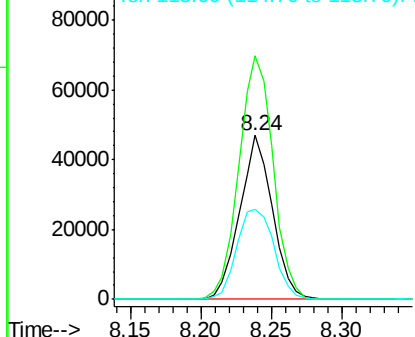
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.24 min Scan# 791
Delta R.T. -0.09 min
Lab File: BG029025.D
Acq: 4 Oct 2017 4:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	114.0	171.0
115	55.3	48.1	72.1



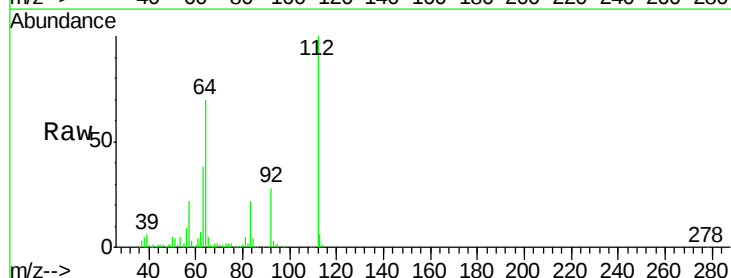
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



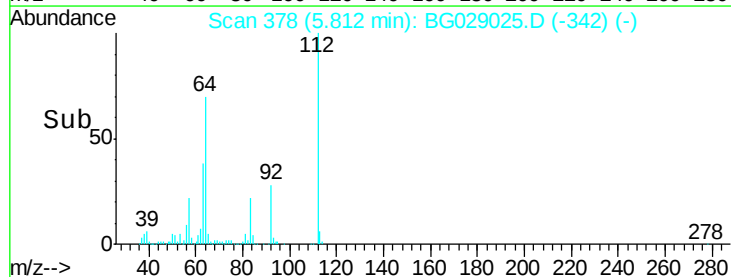
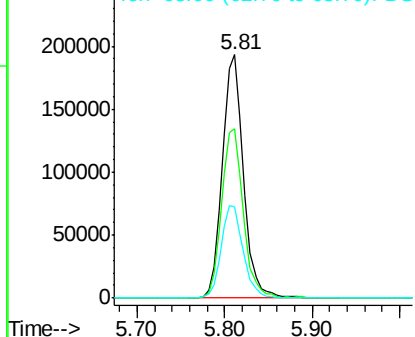
#5

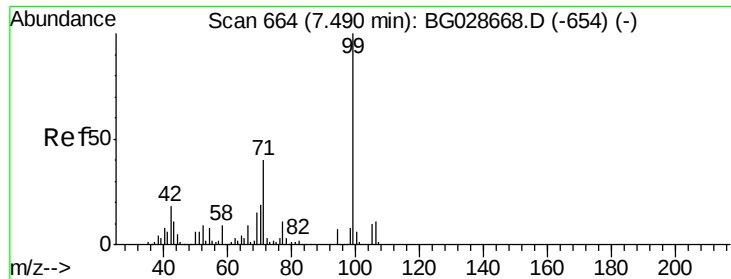
2-Fluorophenol
Concen: 69.96 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029025.D
Acq: 4 Oct 2017 4:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	61.8	92.6
63	37.6	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: 55.39 ng

RT: 7.40 min Scan# 648

Delta R.T. -0.09 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

Instrument :

BNA_G

ClientSampleId :

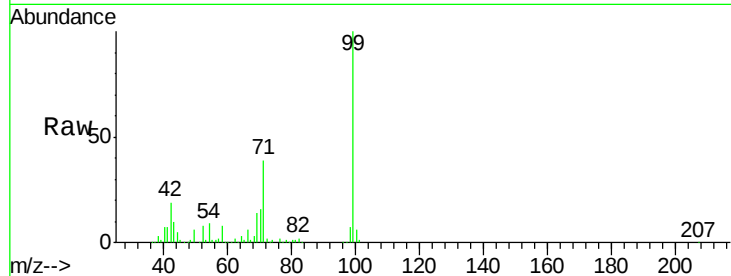
Tot Ion: 99 Resp: 384705

Ion Ratio Lower Upper

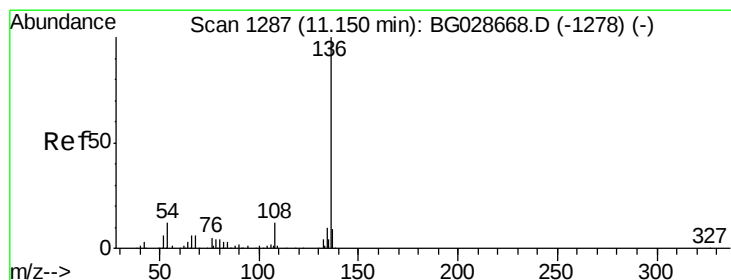
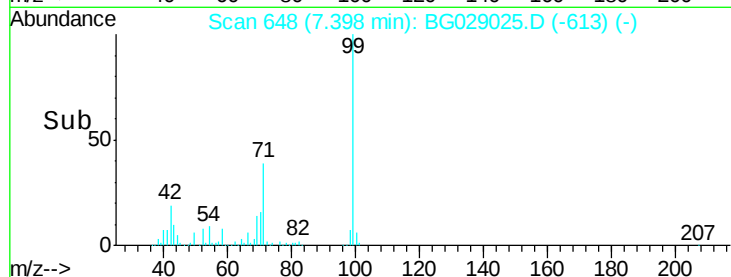
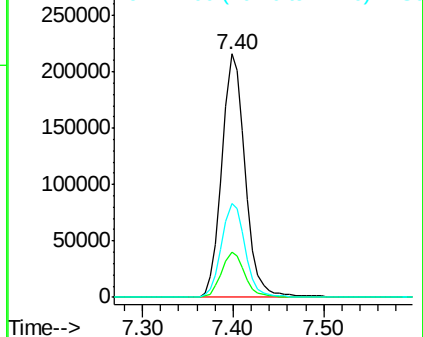
99 100

42 18.5 20.5 30.7#

71 38.6 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# 1271

Delta R.T. -0.09 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

Tgt Ion: 136 Resp: 289456

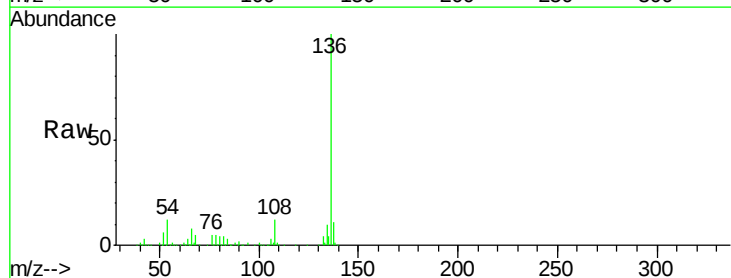
Ion Ratio Lower Upper

136 100

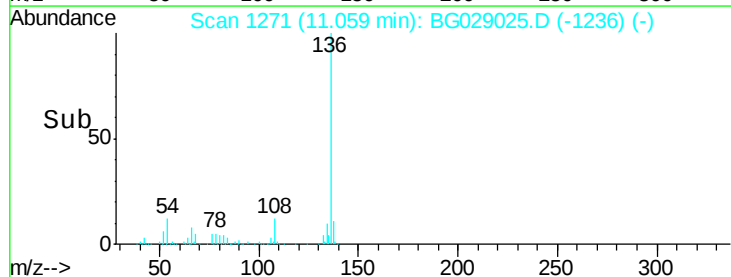
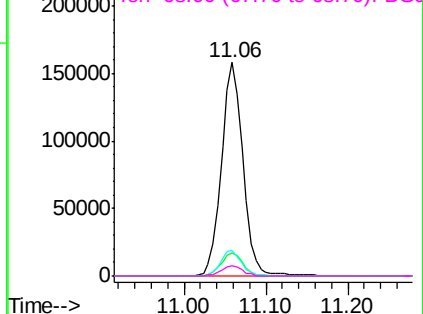
137 10.8 8.9 13.3

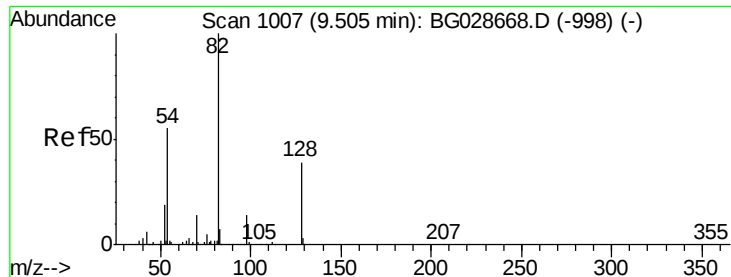
54 11.9 9.3 13.9

68 4.9 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

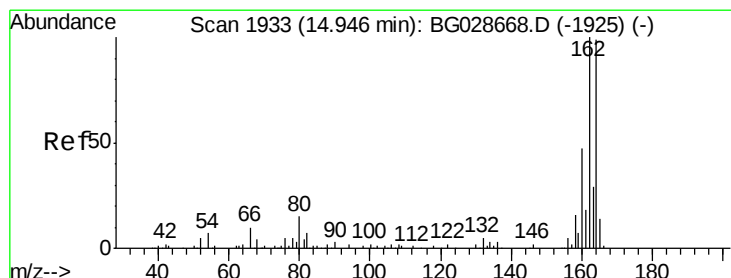
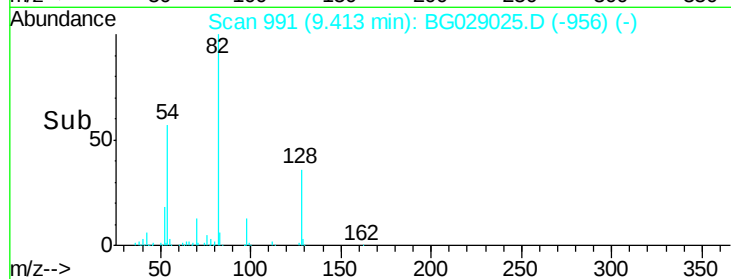
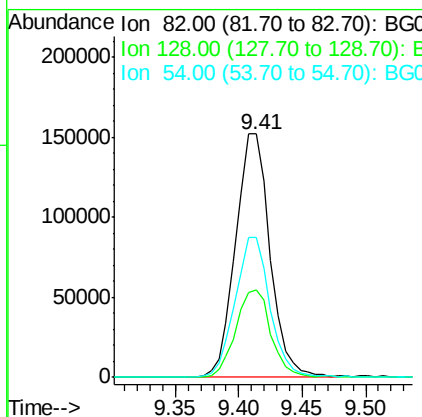
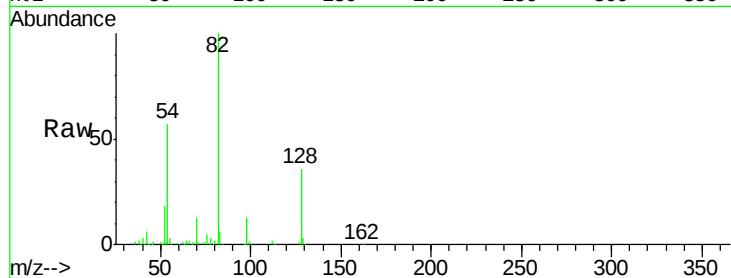




#23
 Nitrobenzene-d5
 Concen: 47.47 ng
 RT: 9.41 min Scan# 991
 Delta R.T. -0.09 min
 Lab File: BG029025.D
 Acq: 4 Oct 2017 4:33

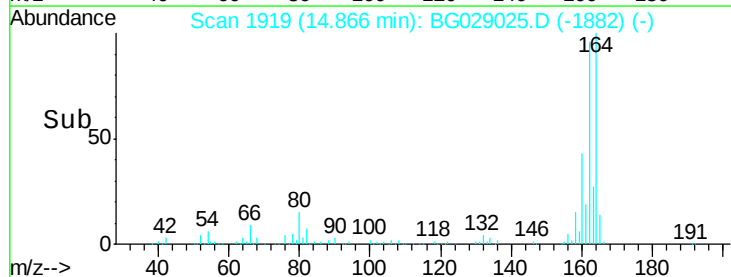
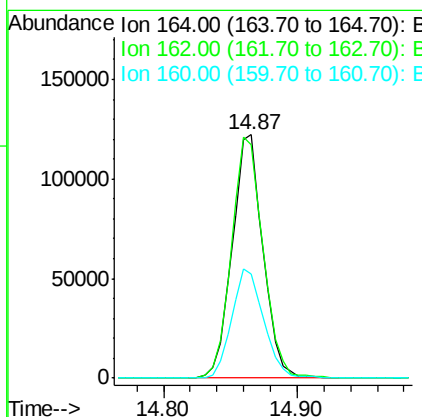
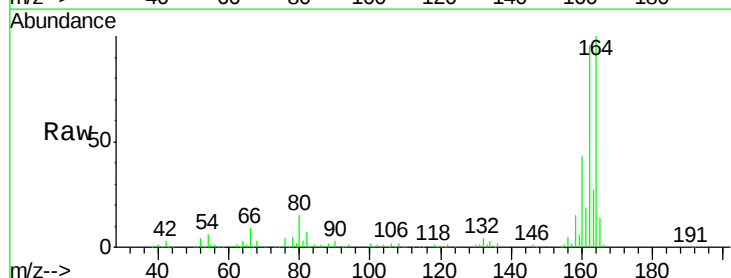
Instrument :
 BNA_G
 ClientSampleId :

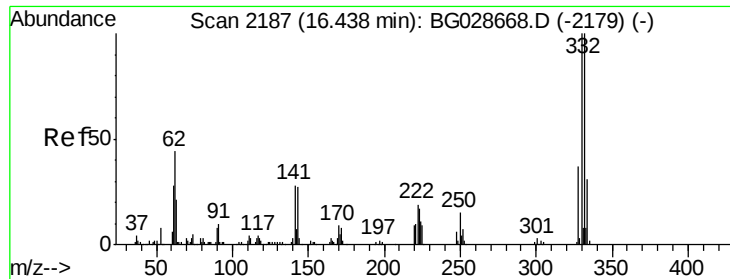
Tot Ion	82	Resp	287260
Ion Ratio	Lower	Upper	
82	100		
128	35.7	26.4	39.6
54	57.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 1919
 Delta R.T. -0.08 min
 Lab File: BG029025.D
 Acq: 4 Oct 2017 4:33

Tgt Ion	164	Resp	195556
Ion Ratio	Lower	Upper	
164	100		
162	95.7	85.1	127.7
160	42.6	34.7	52.1

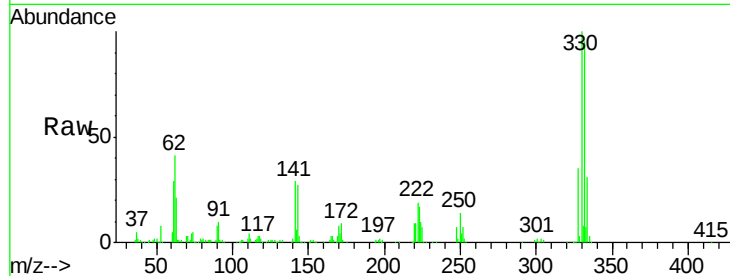




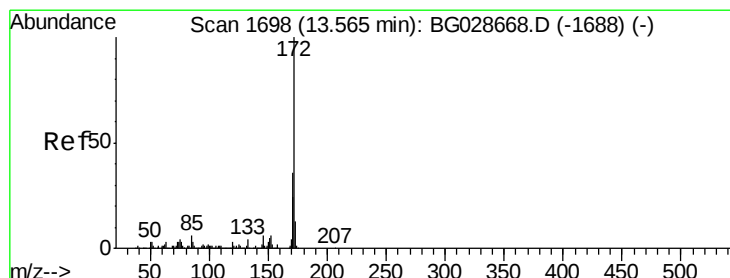
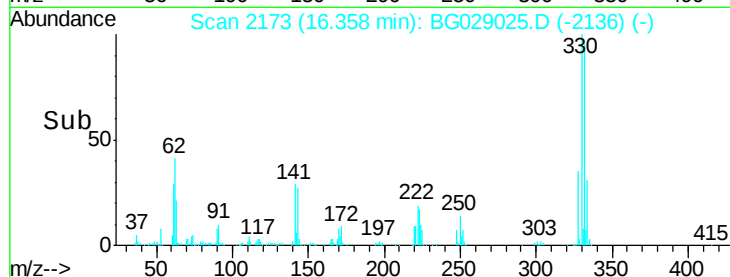
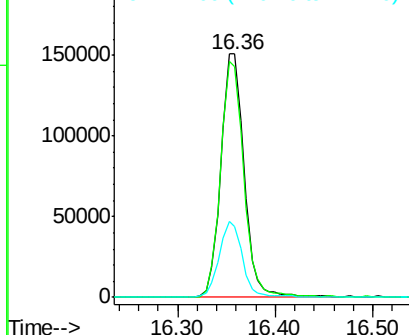
#41
 2,4,6-Tribromophenol
 Concen: 77.41 ng
 RT: 16.36 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG029025.D
 Acq: 4 Oct 2017 4:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	31.2	32.1	48.1#

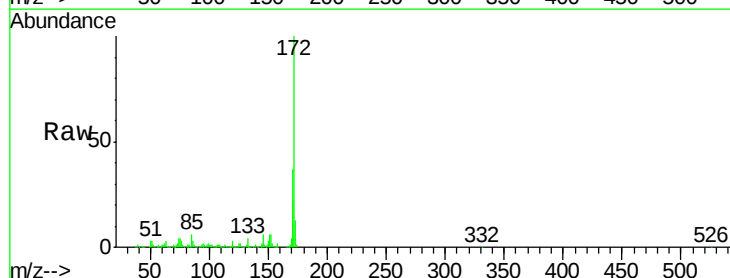


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

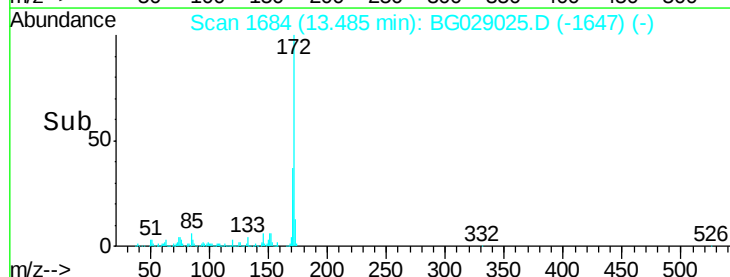
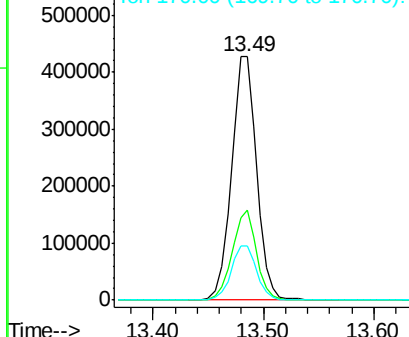


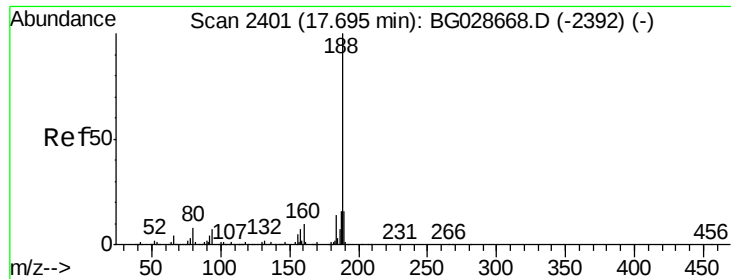
#44
 2-Fluorobiphenyl
 Concen: 46.38 ng
 RT: 13.49 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029025.D
 Acq: 4 Oct 2017 4:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	22.4	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: 17.62 min Scan# 2387

Delta R.T. -0.08 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

Instrument :

BNA_G

ClientSampleId :

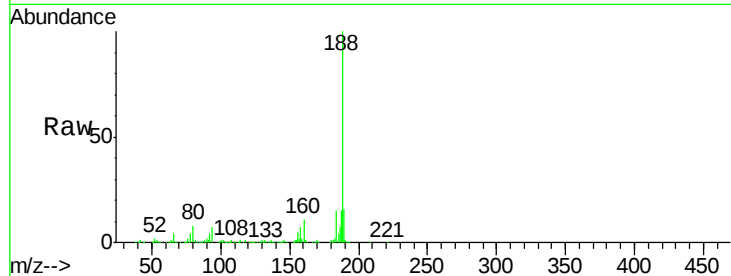
Tot Ion:188 Resp: 549199

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

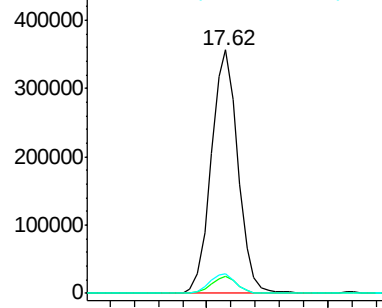
80 7.9 7.5 11.3



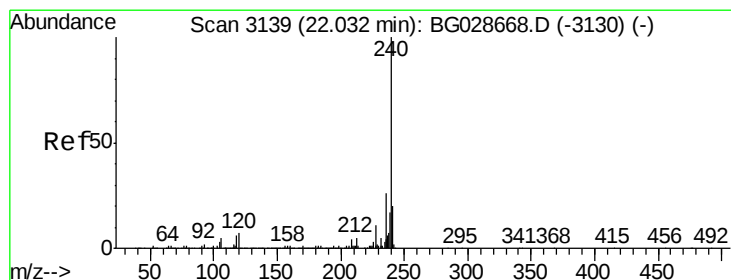
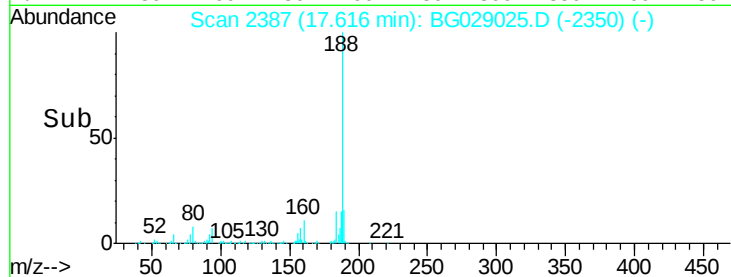
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3121

Delta R.T. -0.10 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

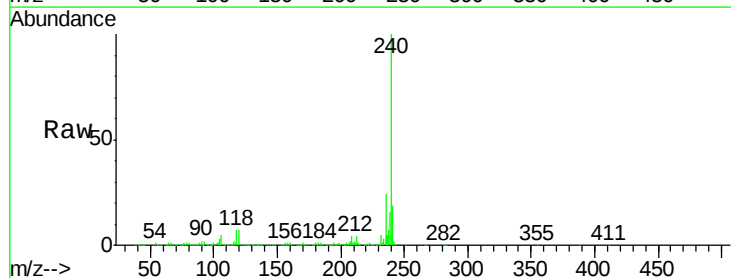
Tgt Ion:240 Resp: 676276

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

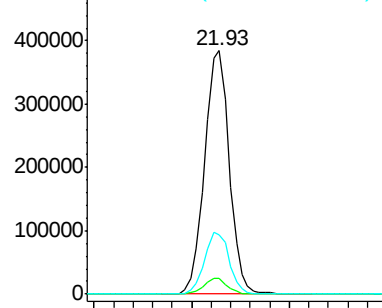
236 24.5 22.2 33.4



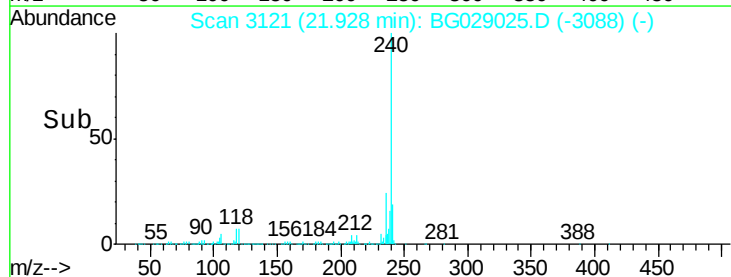
Abundance Ion 240.00 (239.70 to 240.70): E

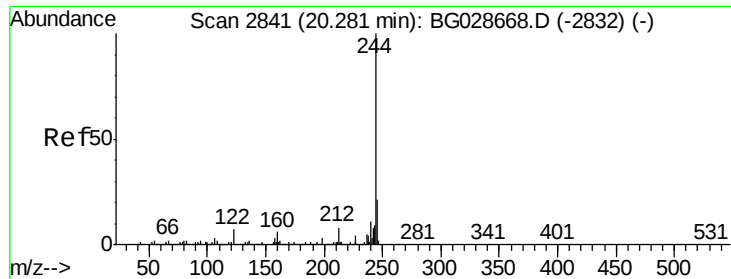
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 47.58 ng

RT: 20.21 min Scan# 2828

Delta R.T. -0.07 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

Instrument :

BNA_G

ClientSampled :

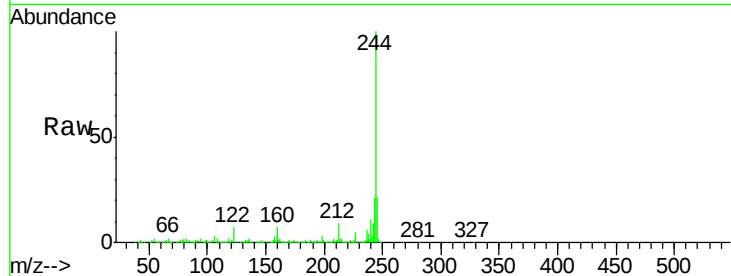
Tot Ion:244 Resp: 1508741

Ion Ratio Lower Upper

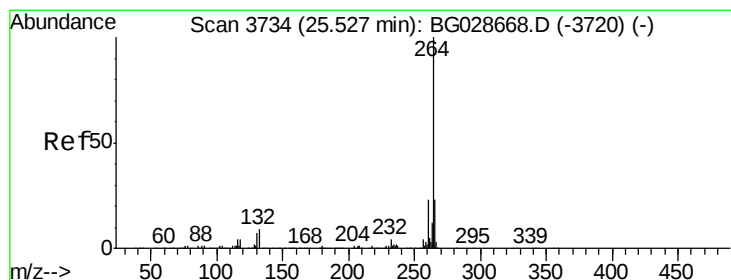
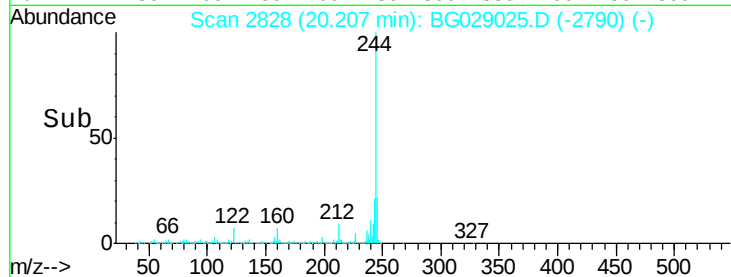
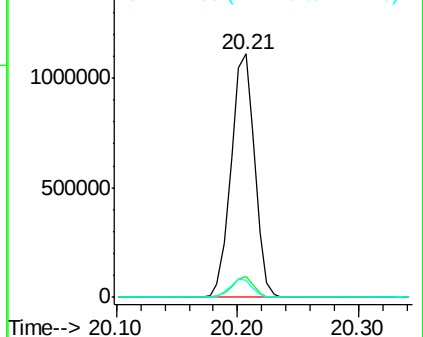
244 100

212 8.6 10.0 15.0#

122 7.3 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: 25.35 min Scan# 3703

Delta R.T. -0.18 min

Lab File: BG029025.D

Acq: 4 Oct 2017 4:33

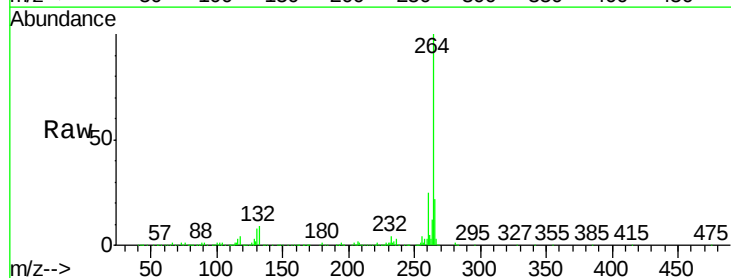
Tgt Ion:264 Resp: 637603

Ion Ratio Lower Upper

264 100

260 24.5 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

