

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029014.D
 Acq On : 3 Oct 2017 20:40
 Operator : SJ/JU
 Sample : PB102887BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102887BL

Quant Time: Oct 04 07:06:32 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	44352	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	178788	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	72756	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	302311	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	186634	20.00	ng	-0.11
86) Perylene-d12	25.35	264	15854	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	359349	133.69	ng	-0.09
7) Phenol-d6	7.40	99	389248	96.18	ng	-0.09
23) Nitrobenzene-d5	9.41	82	306068	81.89	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	255577	212.39	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	771682	141.43	ng	-0.08
78) Terphenyl-d14	20.20	244	1298148	148.33	ng	-0.08

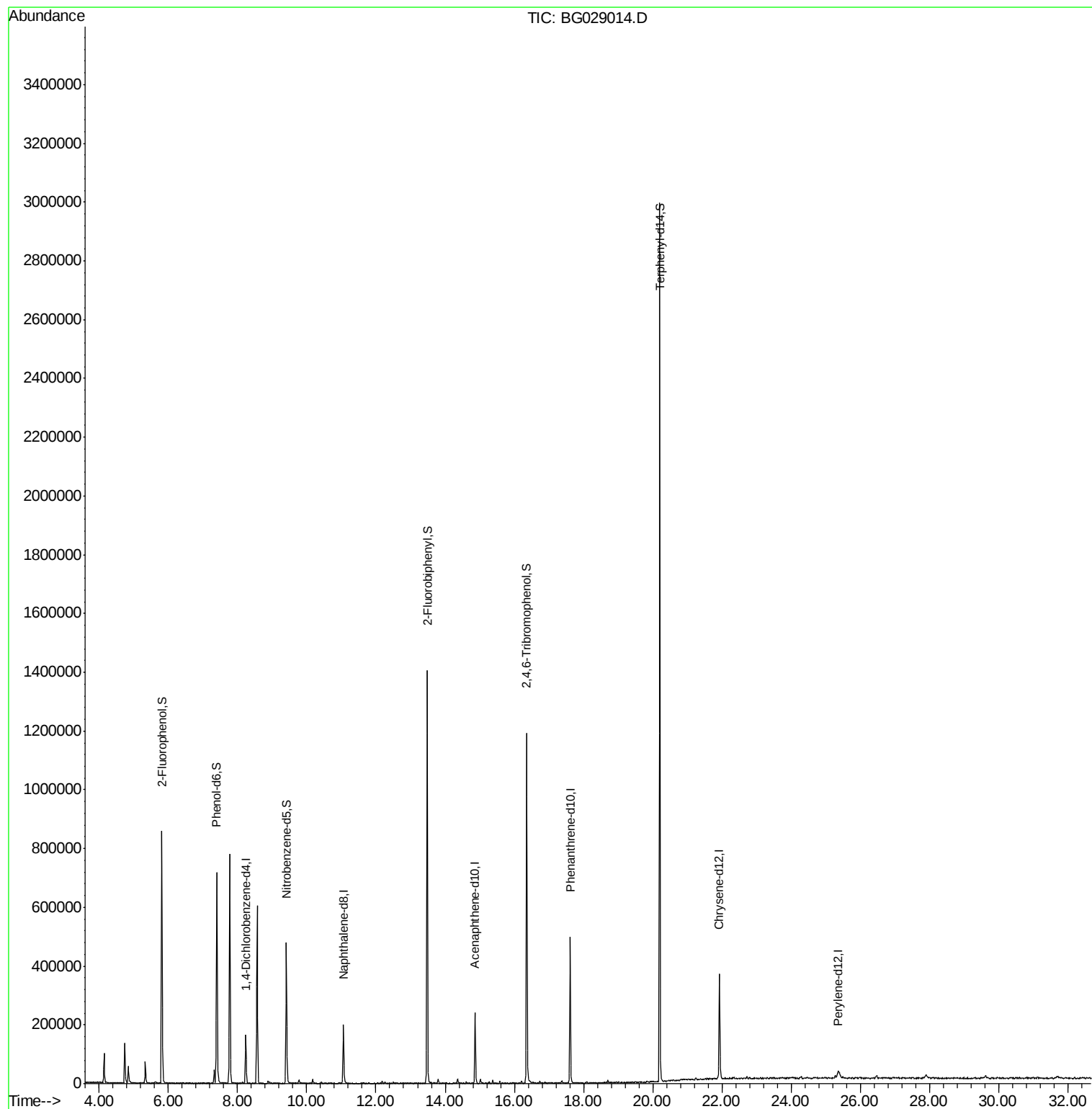
Target Compounds Qvalue

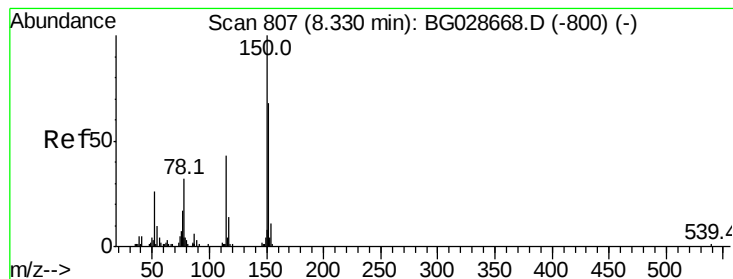
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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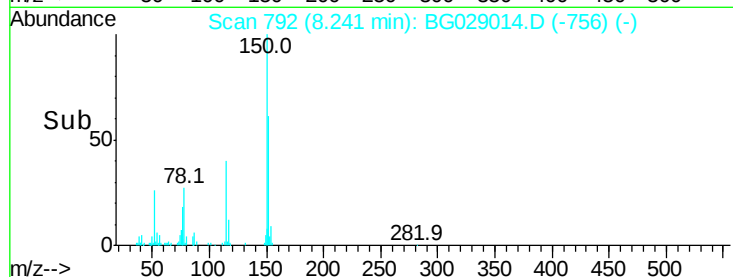
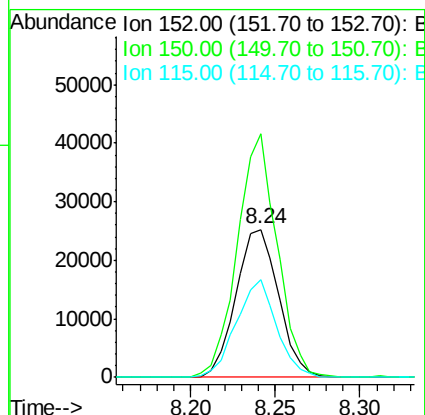
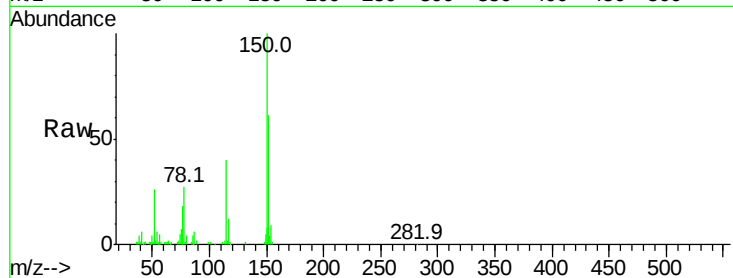


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.24 min Scan# 792
Delta R.T. -0.09 min
Lab File: BG029014.D
Acq: 3 Oct 2017 20:40

Instrument :
BNA_G
ClientSampleId :
PB102887BL

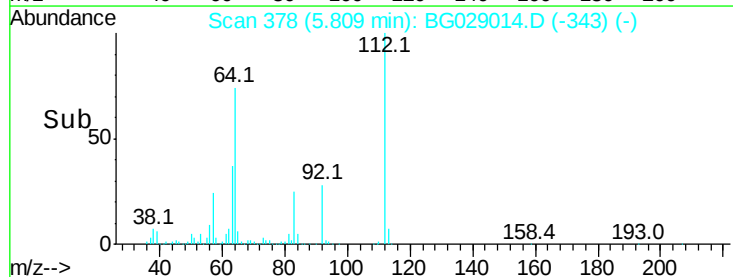
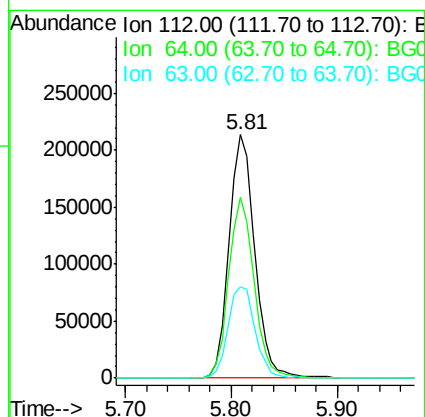
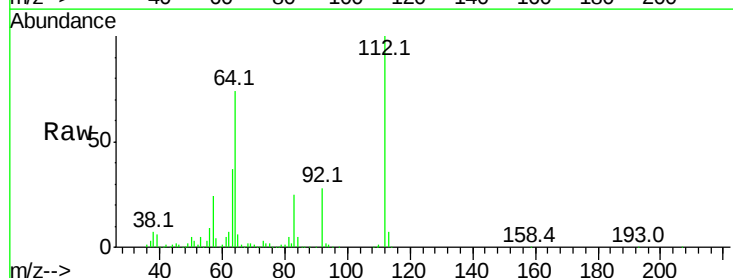
Tot Ion:152 Resp: 44352
Ion Ratio Lower Upper
152 100
150 165.0 114.0 171.0
115 66.1 48.1 72.1

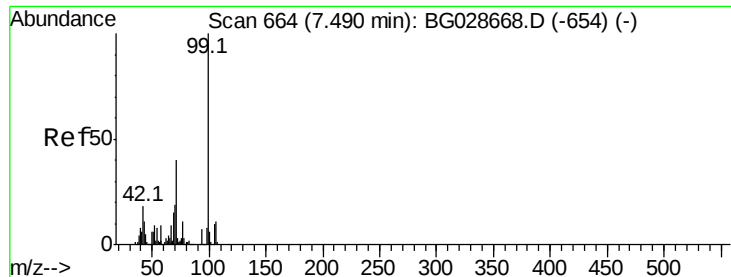


#5

2-Fluorophenol
Concen: 133.690 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029014.D
Acq: 3 Oct 2017 20:40

Tgt Ion:112 Resp: 359349
Ion Ratio Lower Upper
112 100
64 74.2 61.8 92.6
63 37.3 37.2 55.8





#7

Phenol-d6

Concen: 96.182 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

Instrument :

BNA_G

ClientSampleId :

PB102887BL

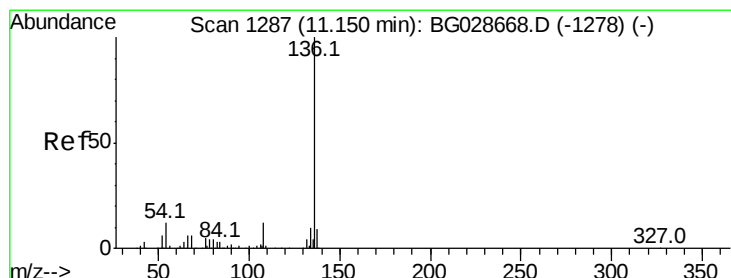
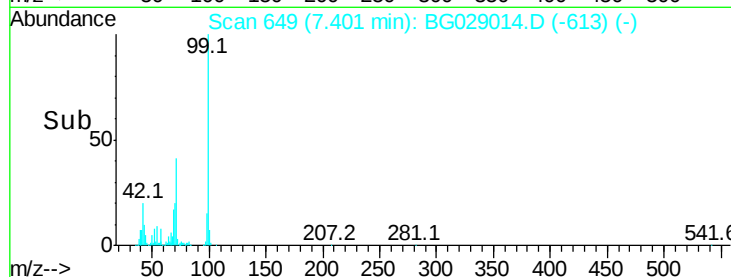
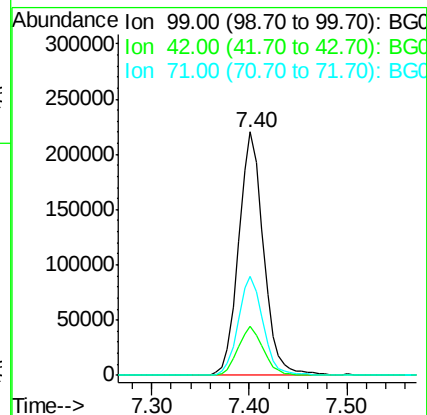
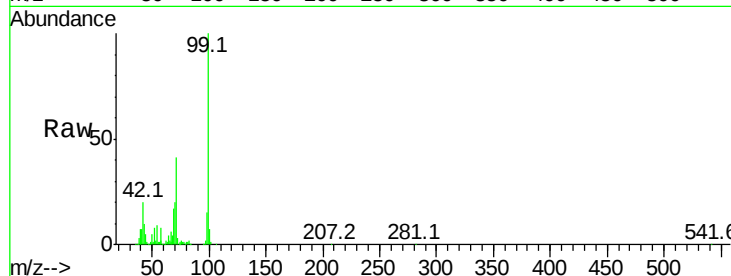
Tot Ion: 99 Resp: 389248

Ion Ratio Lower Upper

99 100

42 20.4 20.5 30.7#

71 40.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.06 min Scan# 1272

Delta R.T. -0.09 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

Tgt Ion: 136 Resp: 178788

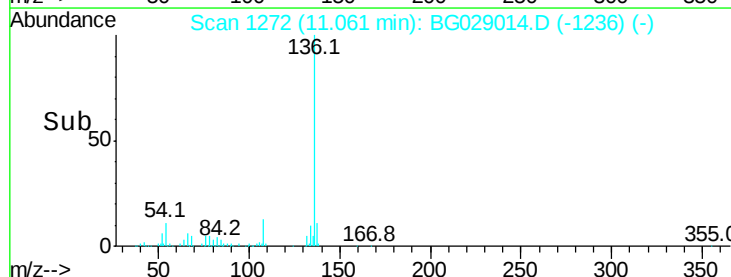
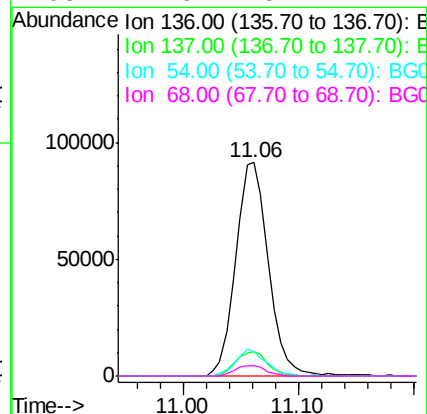
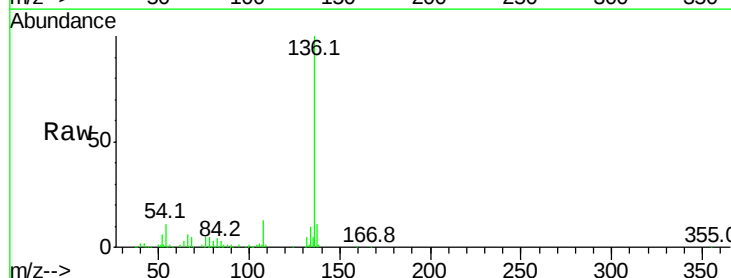
Ion Ratio Lower Upper

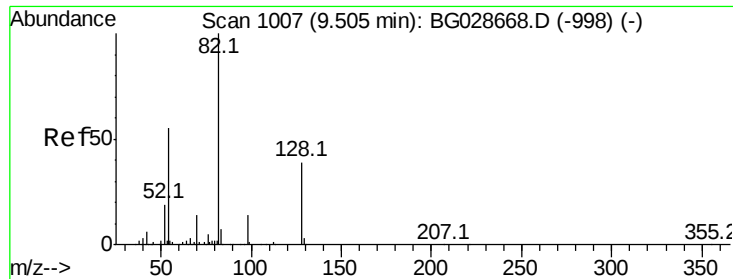
136 100

137 11.3 8.9 13.3

54 11.3 9.3 13.9

68 4.6 5.1 7.7#

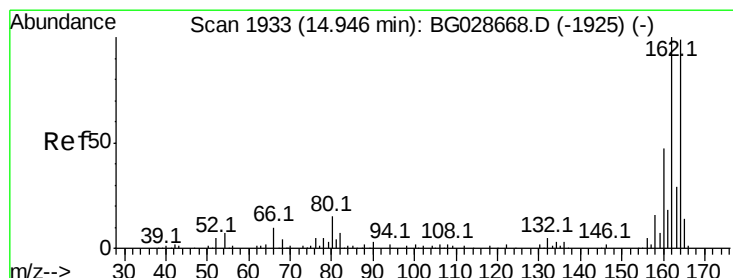
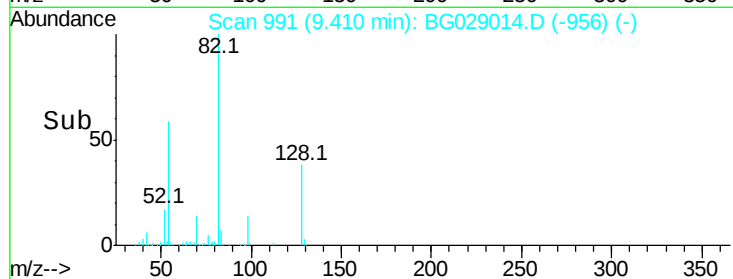
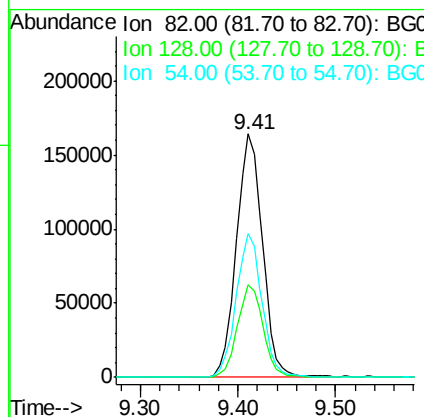
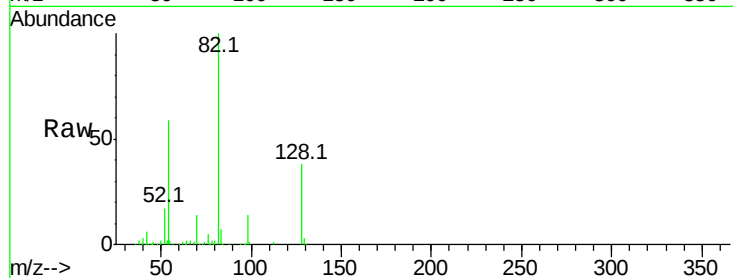




#23
Nitrobenzene-d5
Concen: 81.893 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029014.D
Acq: 3 Oct 2017 20:40

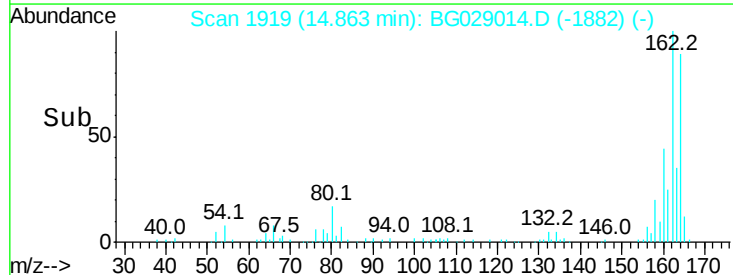
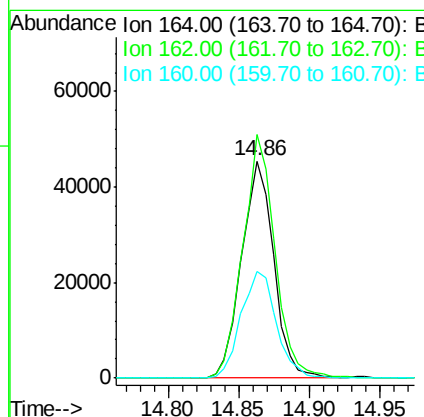
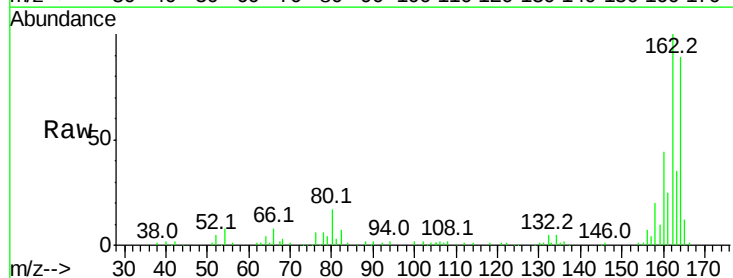
Instrument :
BNA_G
ClientSampleId :
PB102887BL

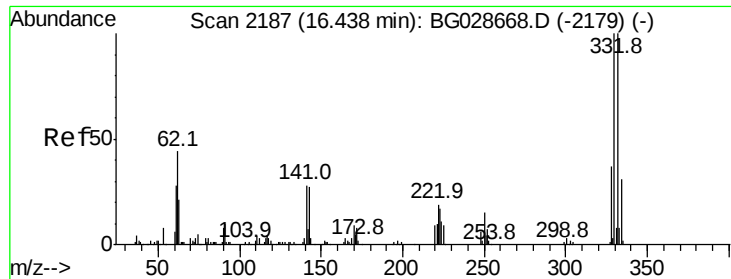
Tot Ion	82	Resp	306068
Ion Ratio	Lower	Upper	
82	100		
128	37.9	26.4	39.6
54	58.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.86 min Scan# 1919
Delta R.T. -0.08 min
Lab File: BG029014.D
Acq: 3 Oct 2017 20:40

Tgt Ion	164	Resp	72756
Ion Ratio	Lower	Upper	
164	100		
162	112.1	85.1	127.7
160	49.2	34.7	52.1

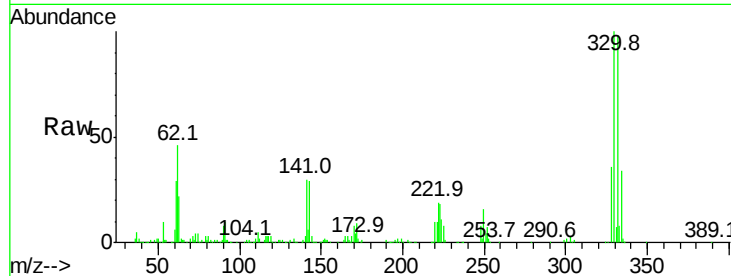




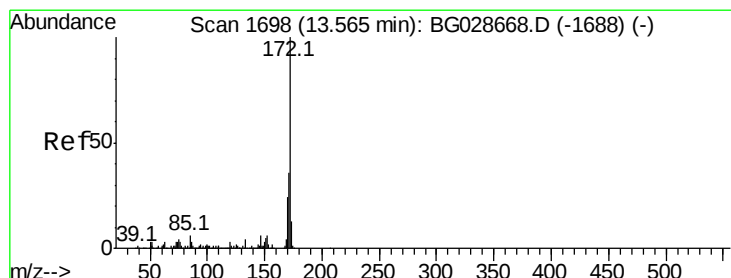
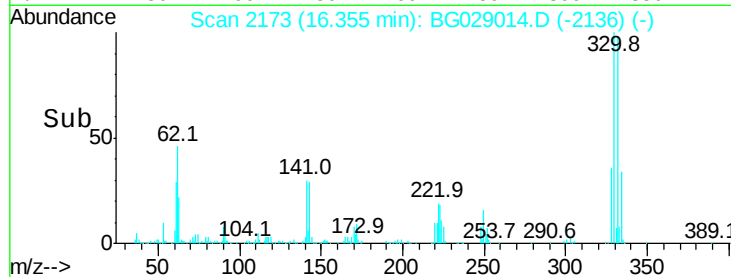
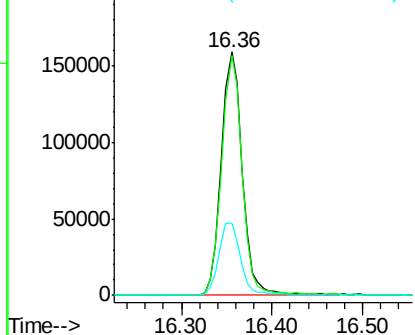
#41
 2,4,6-Tribromophenol
 Concen: 212.390 ng
 RT: 16.36 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG029014.D
 Acq: 3 Oct 2017 20:40

Instrument :
 BNA_G
 ClientSampleId :
 PB102887BL

Tot Ion:330 Resp: 255577
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 31.0 32.1 48.1#

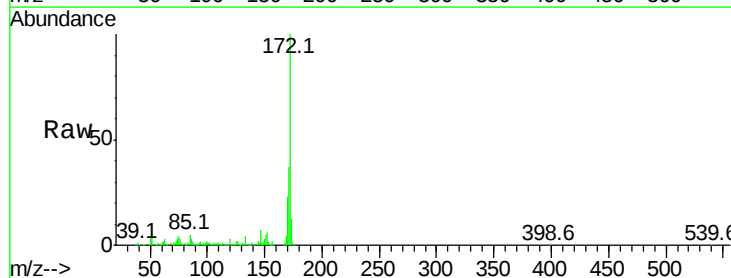


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

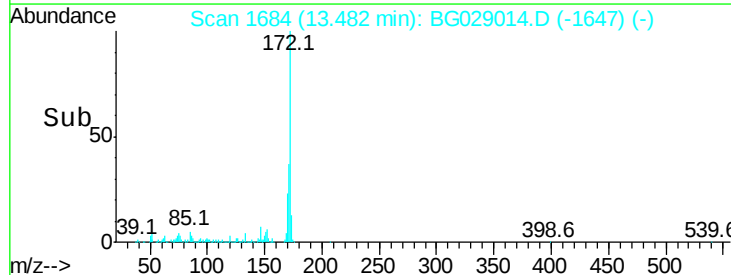
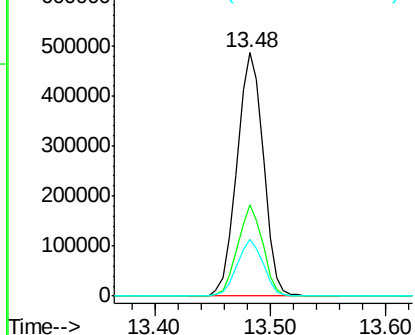


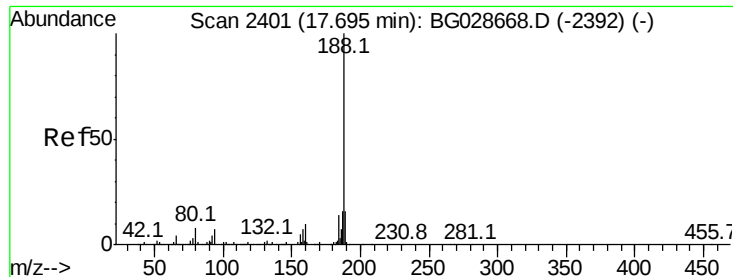
#44
 2-Fluorobiphenyl
 Concen: 141.429 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029014.D
 Acq: 3 Oct 2017 20:40

Tgt Ion:172 Resp: 771682
 Ion Ratio Lower Upper
 172 100
 171 37.4 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: 20.000 ng

RT: 17.61 min Scan# 2387

Delta R.T. -0.08 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

Instrument :

BNA_G

ClientSampleId :

PB102887BL

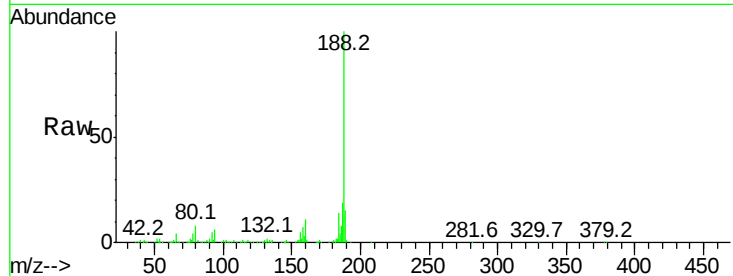
Tot Ion:188 Resp: 302311

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

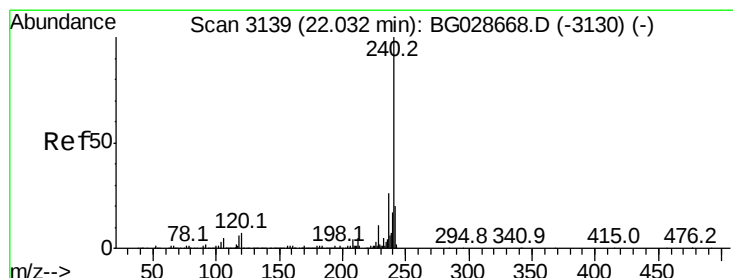
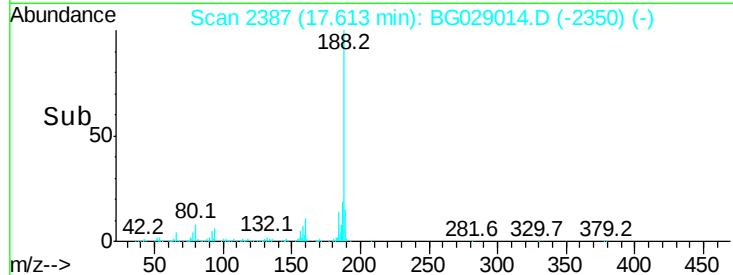
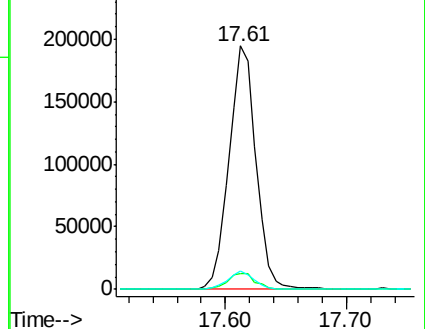
80 7.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3121

Delta R.T. -0.11 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

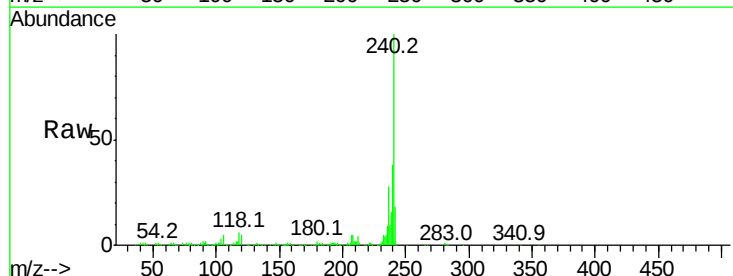
Tgt Ion:240 Resp: 186634

Ion Ratio Lower Upper

240 100

120 4.8 5.7 8.5#

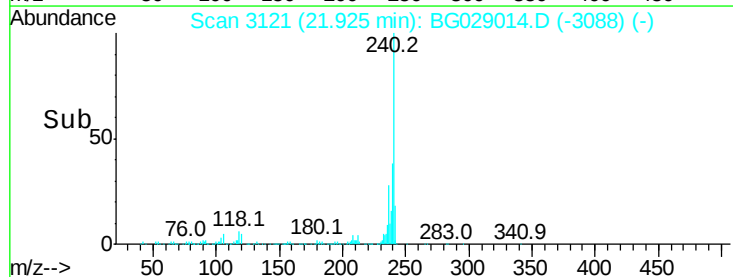
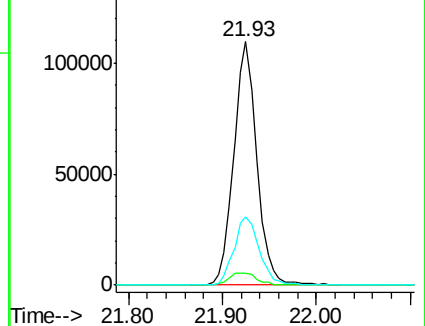
236 28.2 22.2 33.4

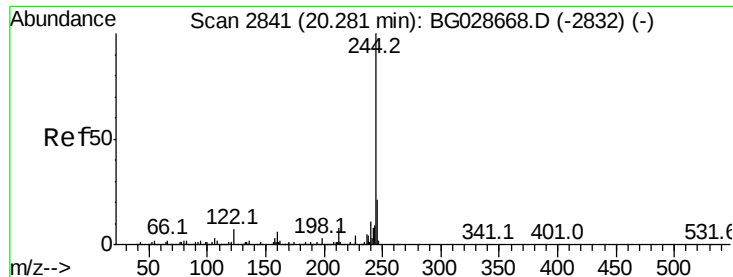


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 148.332 ng

RT: 20.20 min Scan# 2828

Delta R.T. -0.08 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

Instrument :

BNA_G

ClientSampleId :

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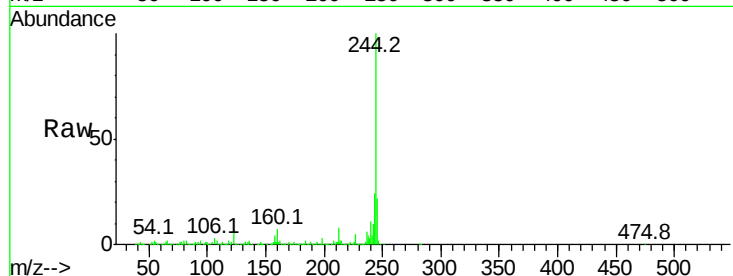
Tot Ion:244 Resp: 1298148

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

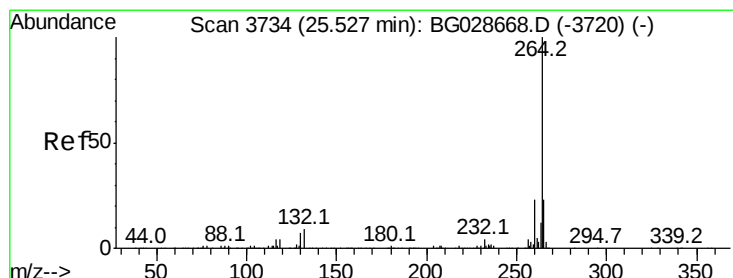
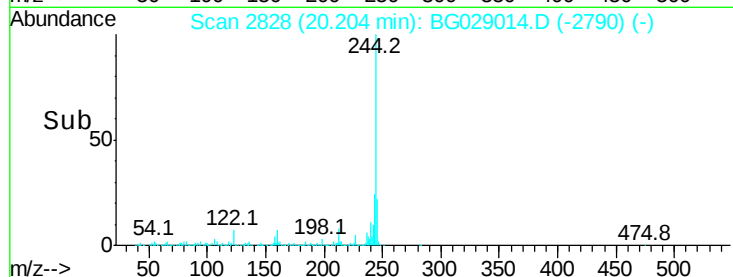
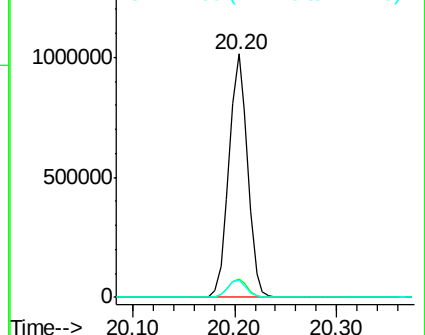
122 6.9 8.6 12.8#



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: 20.000 ng

RT: 25.35 min Scan# 3704

Delta R.T. -0.18 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

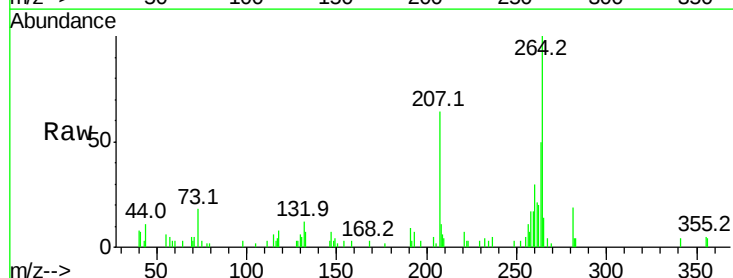
Tgt Ion:264 Resp: 15854

Ion Ratio Lower Upper

264 100

260 30.1 21.8 32.8

265 13.6 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

