

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028946.D
 Acq On : 27 Sep 2017 17:05
 Operator : SJ/JU
 Sample : I5445-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-092617-B

Quant Time: Sep 28 01:26:00 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	8.28	152	29612	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	112410	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	84894	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	256359	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	309902	20.00	ng	-0.07
86) Perylene-d12	25.42	264	311200	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	231289	128.88	ng	-0.06
7) Phenol-d6	7.43	99	296981	109.91	ng	-0.06
23) Nitrobenzene-d5	9.45	82	215961	91.90	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	221058	157.44	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	559295	87.85	ng	-0.05
78) Terphenyl-d14	20.24	244	1324224	91.13	ng	-0.04

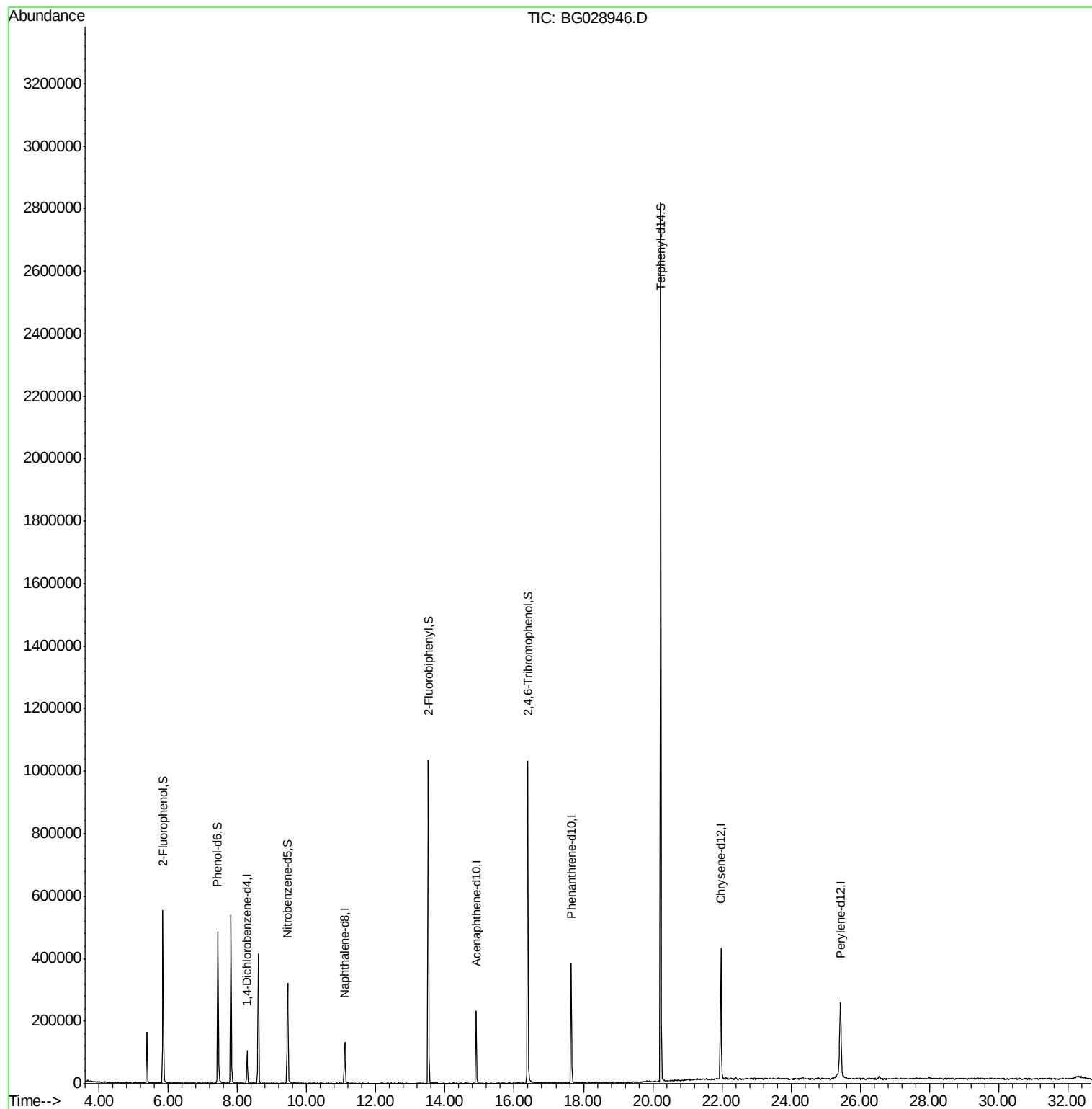
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028946.D

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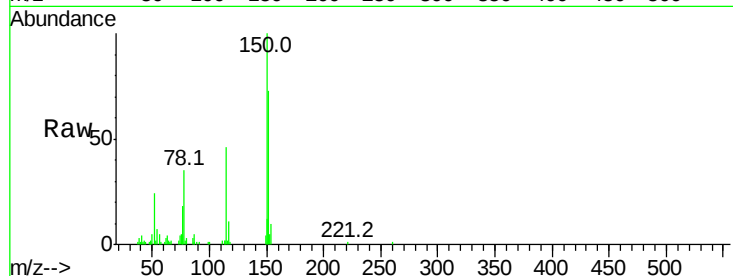
Tot Ion:152 Resp: 29612

Ion Ratio Lower Upper

152 100

150 136.9 114.0 171.0

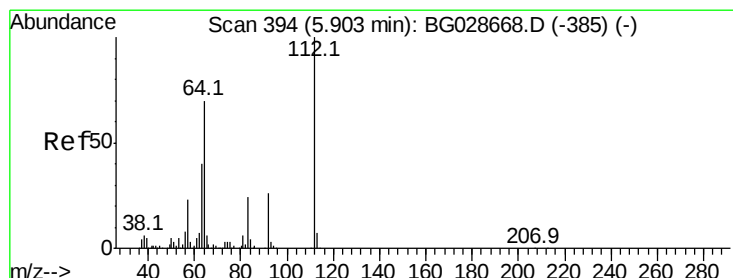
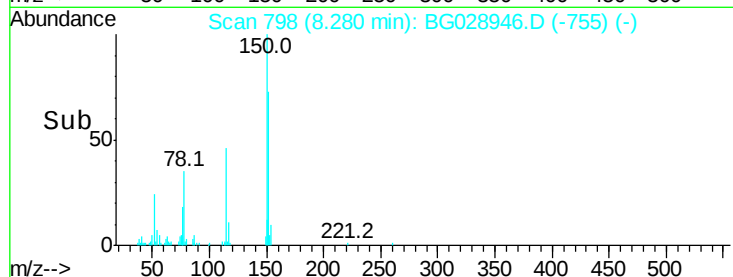
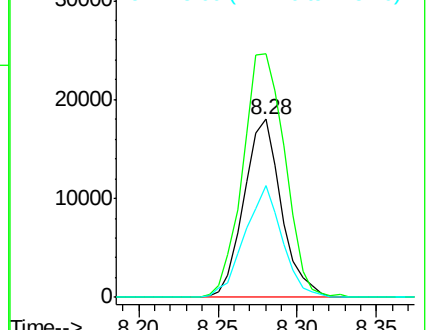
115 63.1 48.1 72.1



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: 128.880 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028946.D

Acq: 27 Sep 2017 17:05

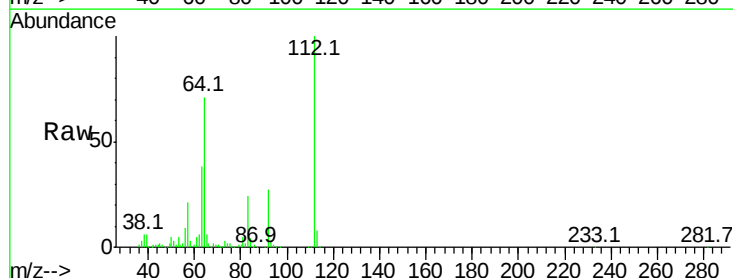
Tgt Ion:112 Resp: 231289

Ion Ratio Lower Upper

112 100

64 71.1 61.8 92.6

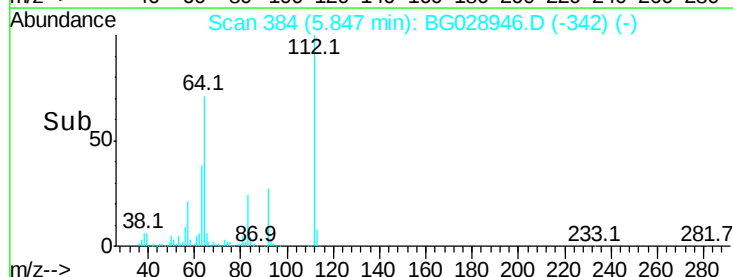
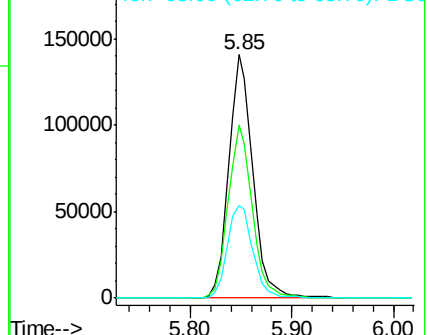
63 38.1 37.2 55.8

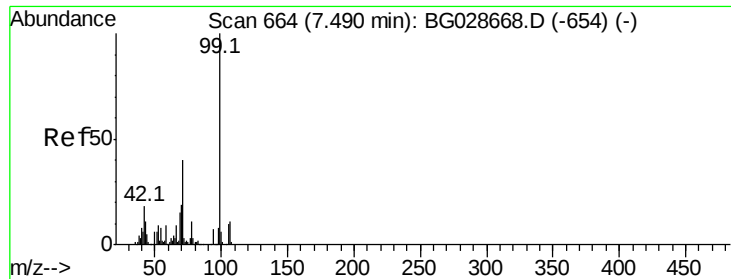


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.911 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028946.D

Acq: 27 Sep 2017 17:05

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AU-05-092617-B

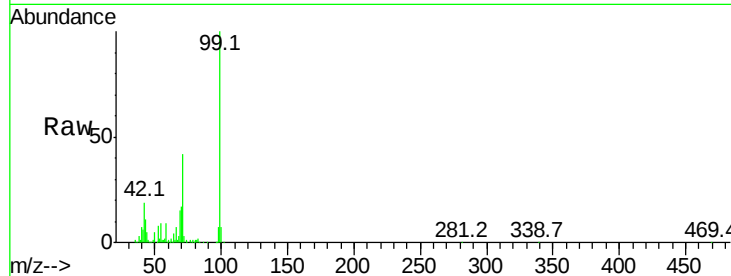
Tot Ion: 99 Resp: 296981

Ion Ratio Lower Upper

99 100

42 19.1 20.5 30.7#

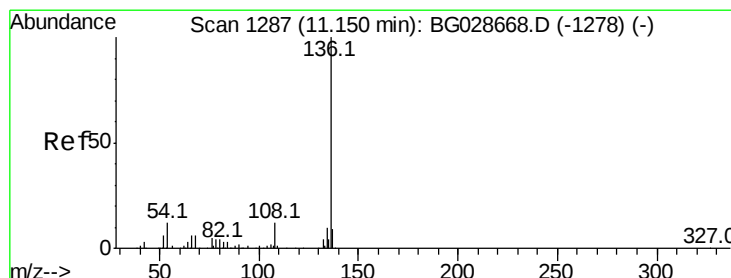
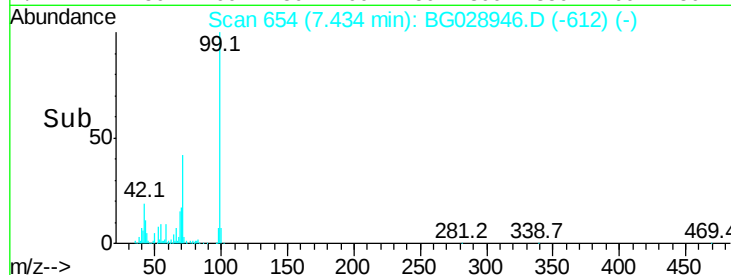
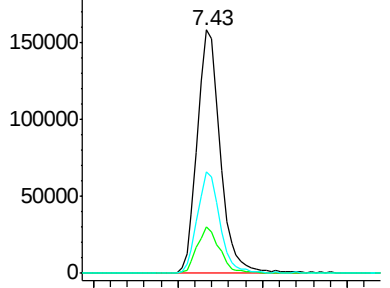
71 41.6 37.6 56.4



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: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028946.D

Acq: 27 Sep 2017 17:05

Tgt Ion: 136 Resp: 112410

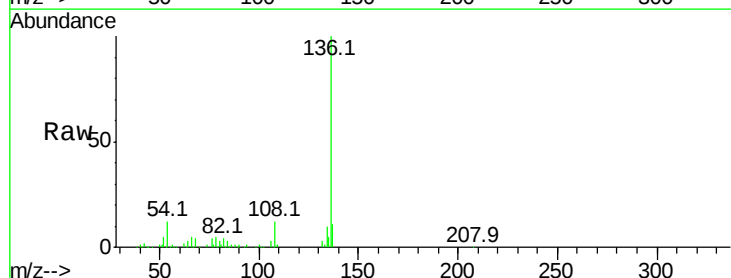
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 11.7 9.3 13.9

68 4.3 5.1 7.7#

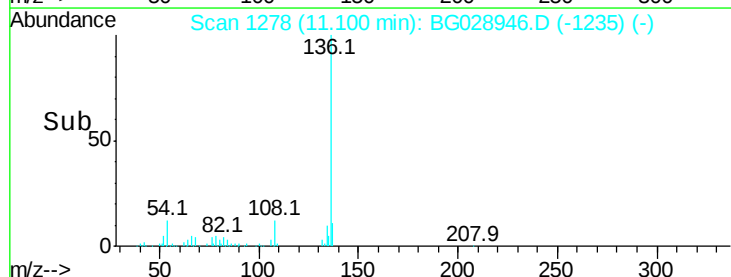
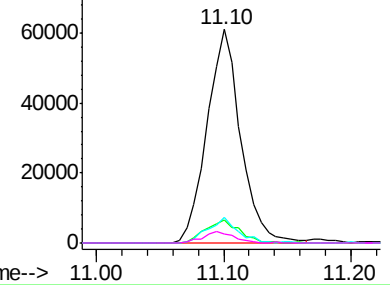


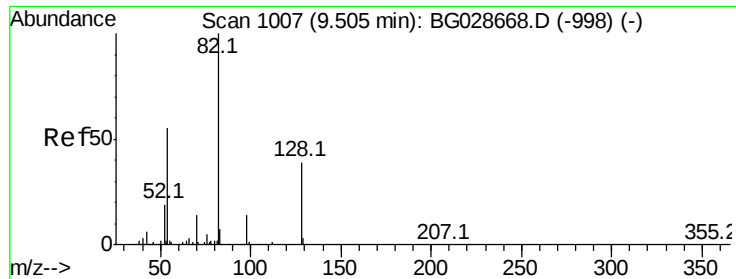
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

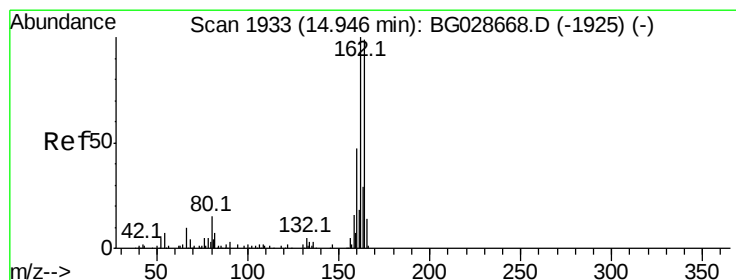
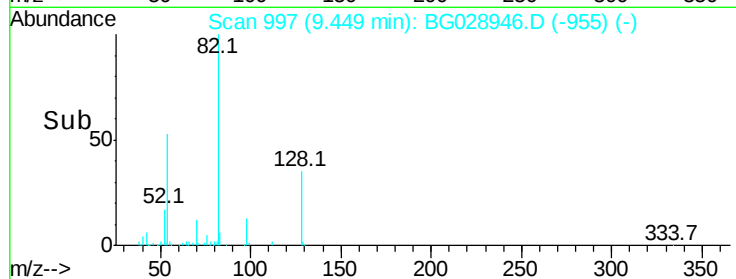
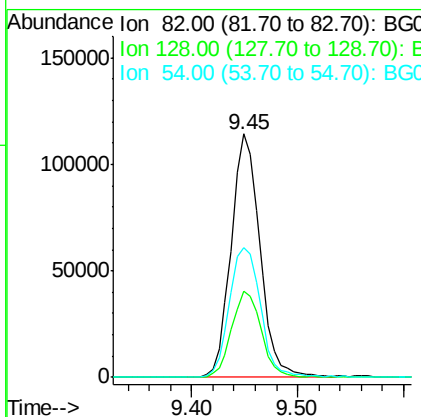
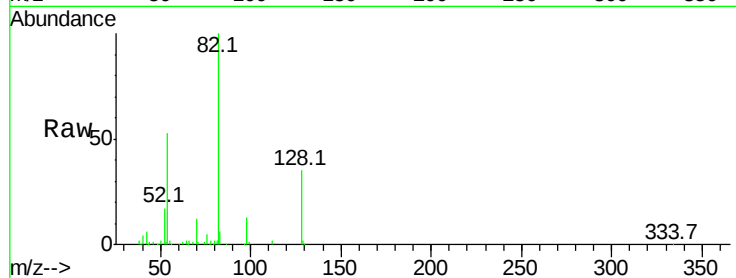




#23
 Nitrobenzene-d5
 Concen: 91.905 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028946.D
 Acq: 27 Sep 2017 17:05

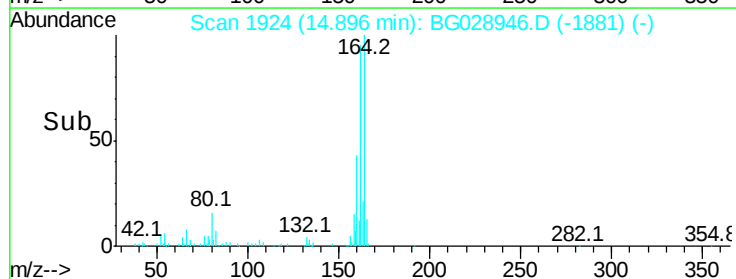
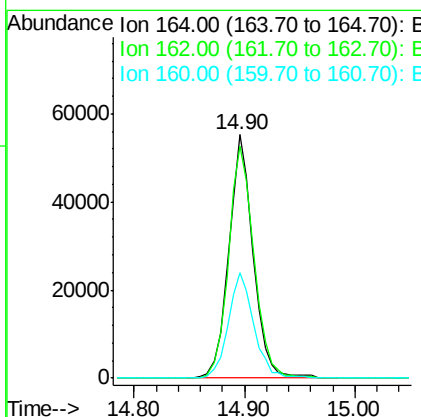
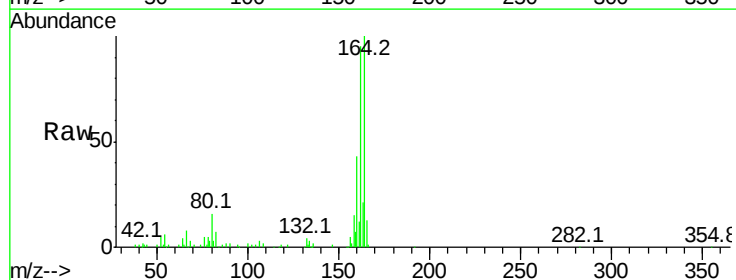
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-092617-B

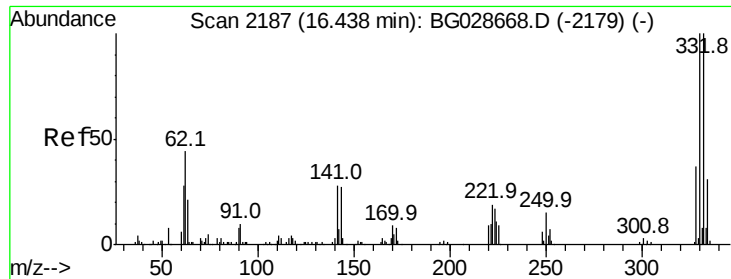
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.4	39.6
54	53.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028946.D
 Acq: 27 Sep 2017 17:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.3	85.1	127.7
160	43.2	34.7	52.1

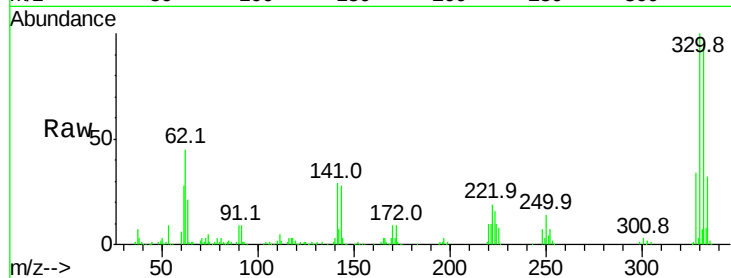




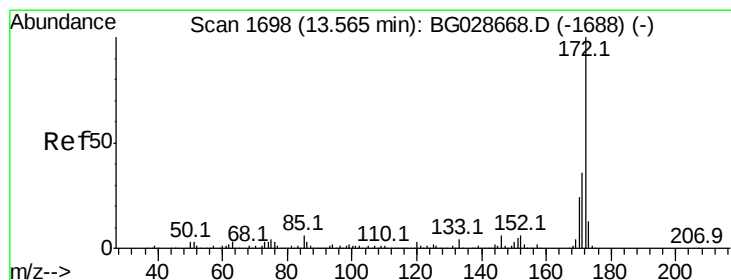
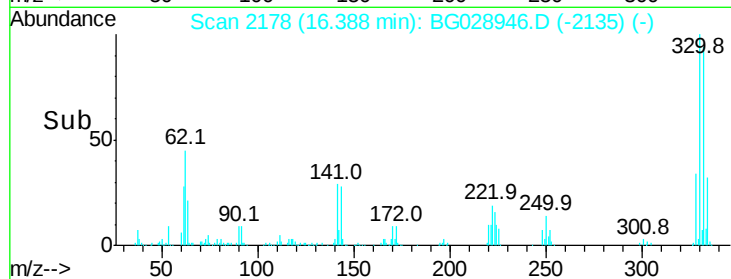
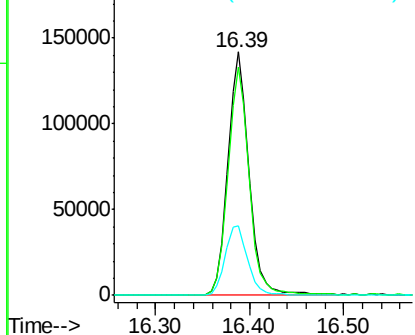
#41
 2,4,6-Tribromophenol
 Concen: 157.438 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028946.D
 Acq: 27 Sep 2017 17:05

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-092617-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.3	115.9
141	30.7	32.1	48.1#

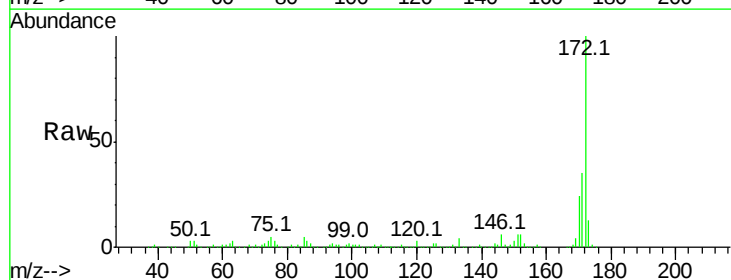


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

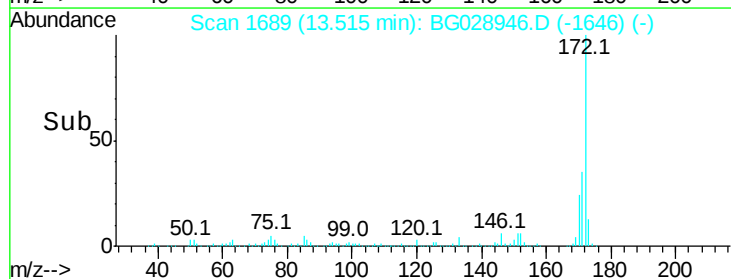
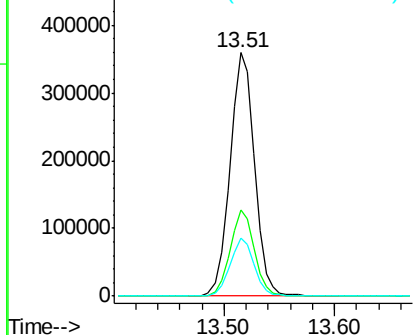


#44
 2-Fluorobiphenyl
 Concen: 87.848 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028946.D
 Acq: 27 Sep 2017 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	23.6	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: 17.65 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028946.D

Acq: 27 Sep 2017 17:05

Instrument :

BNA_G

ClientSampleId :

AU-05-092617-B

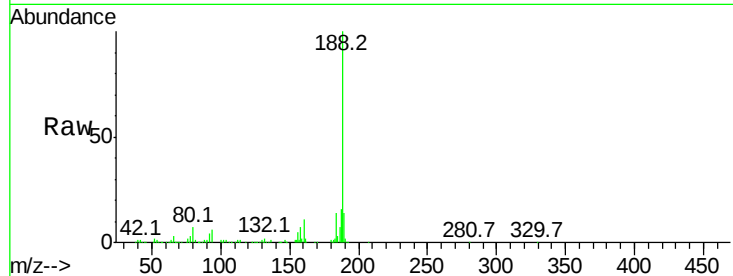
Tot Ion:188 Resp: 256359

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

80 7.4 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

17.65

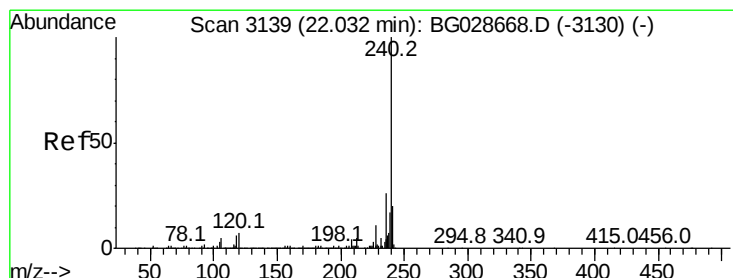
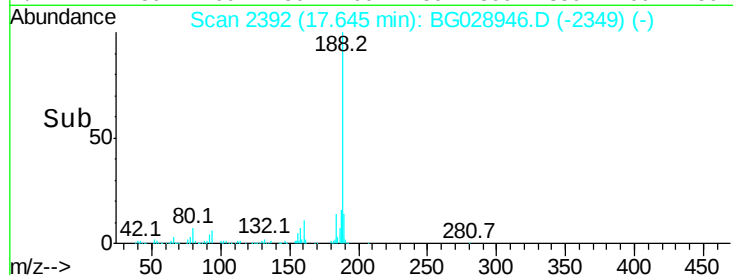
150000

100000

50000

0

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028946.D

Acq: 27 Sep 2017 17:05

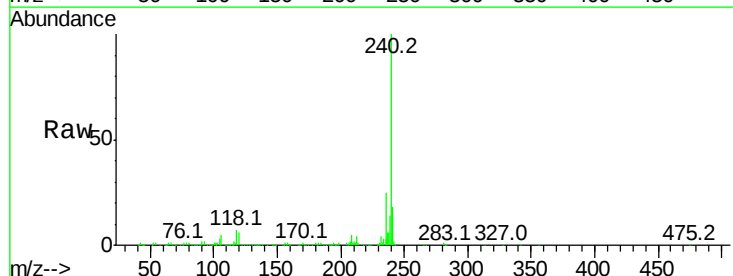
Tgt Ion:240 Resp: 309902

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

236 24.7 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

21.96

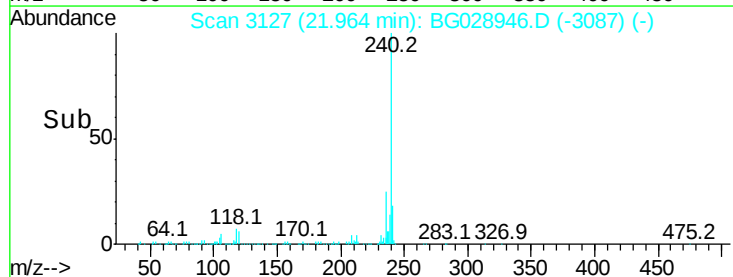
150000

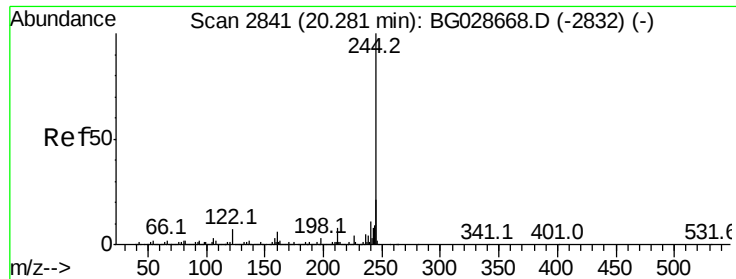
100000

50000

0

Time-->





#78

Terphenyl-d14

Concen: 91.125 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.04 min

Lab File: BG028946.D

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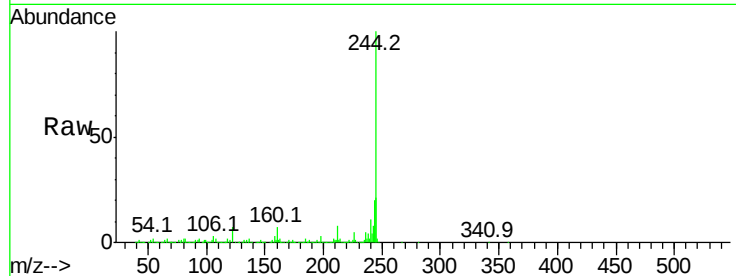
Tot Ion:244 Resp: 1324224

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

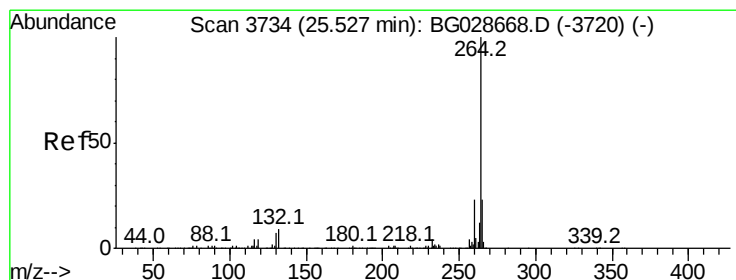
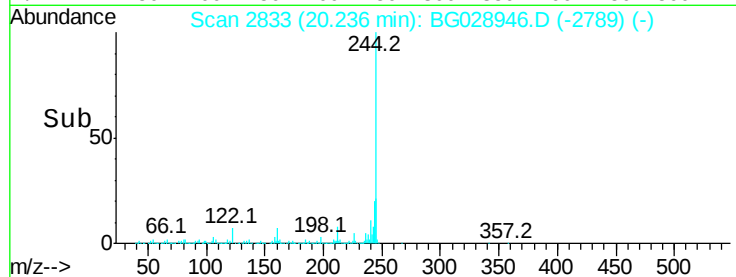
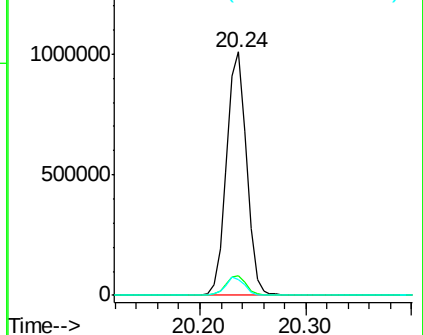
122 6.6 8.6 12.8#



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: 25.42 min Scan# 3716

Delta R.T. -0.10 min

Lab File: BG028946.D

Acq: 27 Sep 2017 17:05

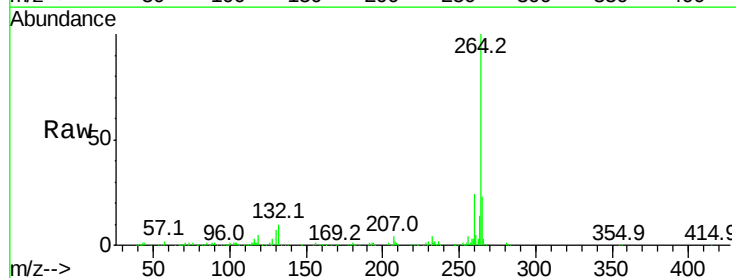
Tgt Ion:264 Resp: 311200

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 22.8 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

