

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028882.D
 Acq On : 22 Sep 2017 20:00
 Operator : SJ/JU
 Sample : I5301-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 23:38:47 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

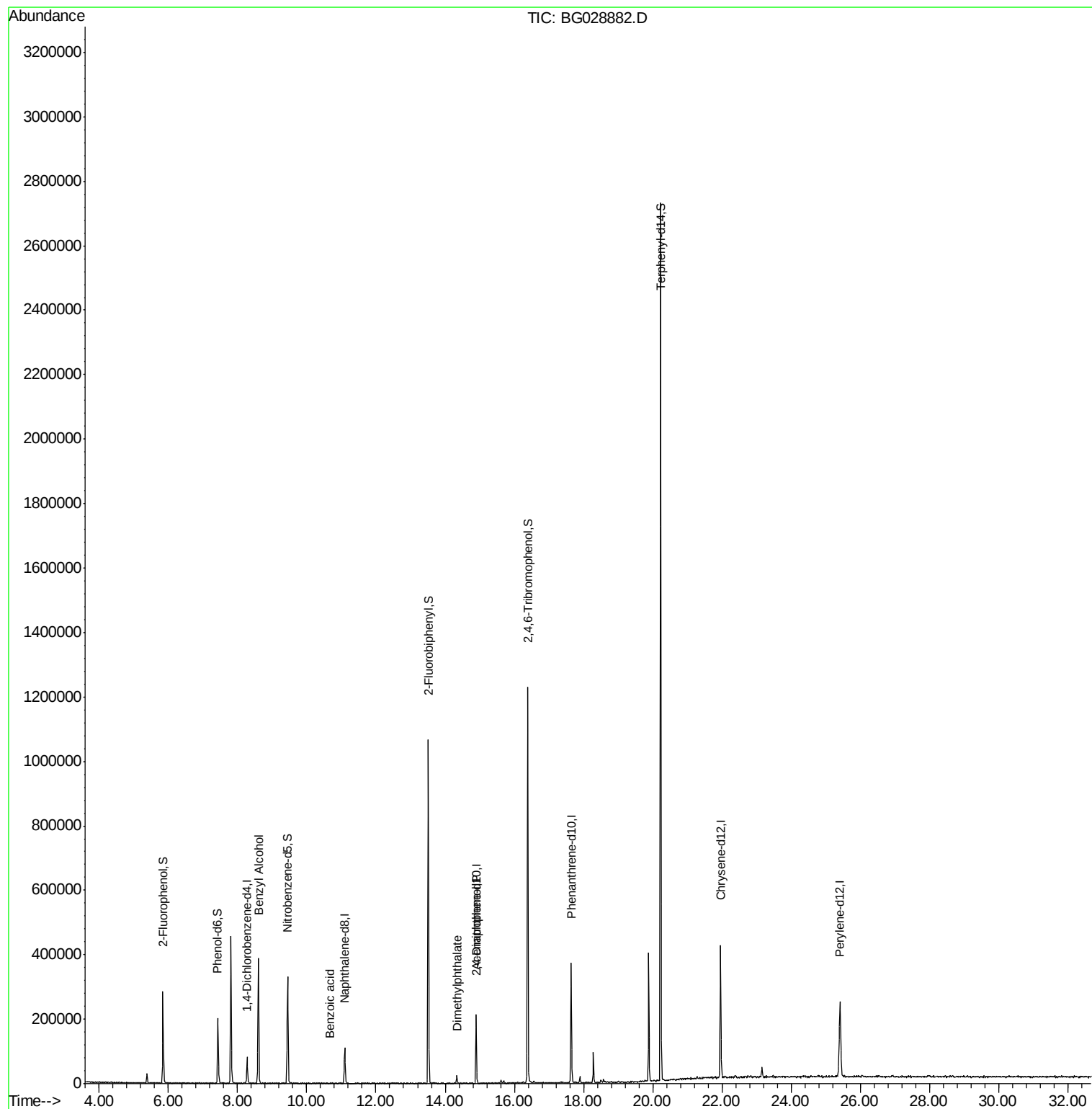
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23862	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	94618	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	75918	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	240675	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	287335	20.00	ng	-0.07
86) Perylene-d12	25.41	264	292918	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	126207	87.27	ng	-0.05
7) Phenol-d6	7.43	99	122962	56.47	ng	-0.06
23) Nitrobenzene-d5	9.45	82	216415	109.42	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	256119	203.98	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	588613	103.38	ng	-0.05
78) Terphenyl-d14	20.23	244	1325070	98.35	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.61	79	3824	2.25	ng	# 50
32) Benzoic acid	10.67	122	61	6.13	ng	# 1
49) Dimethylphthalate	14.33	163	18562	2.92	ng	# 93
53) 2,4-Dinitrophenol	14.90	184	54	8.07	ng	# 1

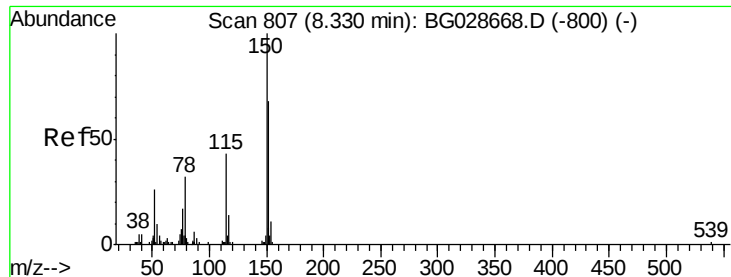
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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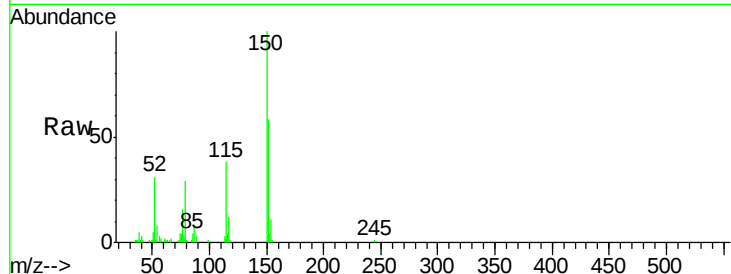


#1

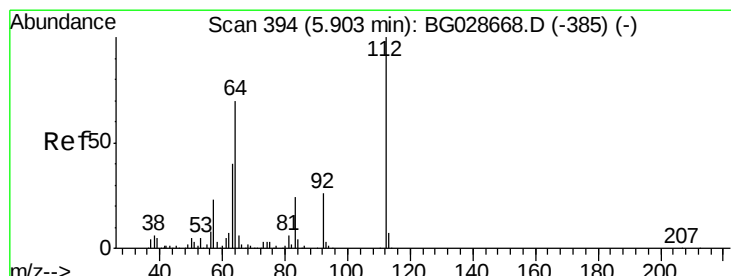
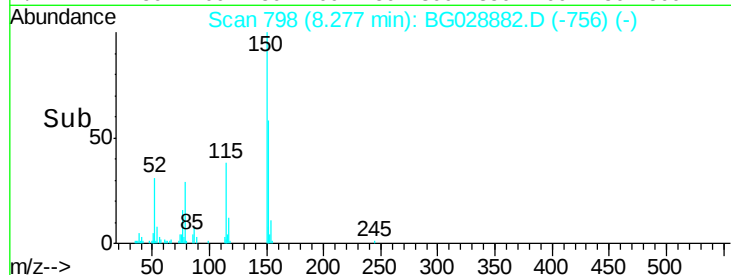
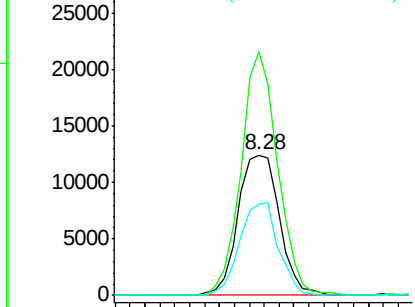
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028882.D
Acq: 22 Sep 2017 20:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	173.5	114.0	171.0#
115	65.2	48.1	72.1



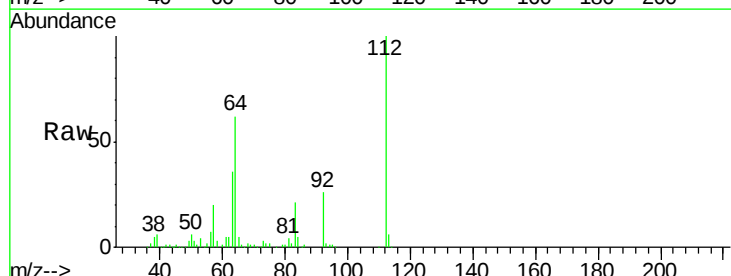
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



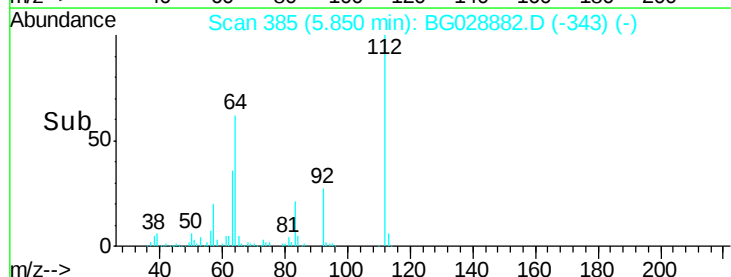
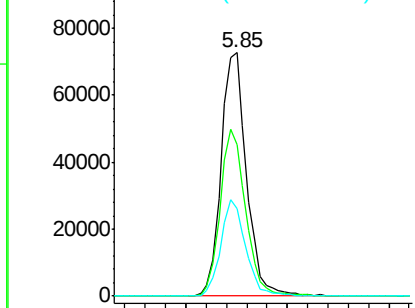
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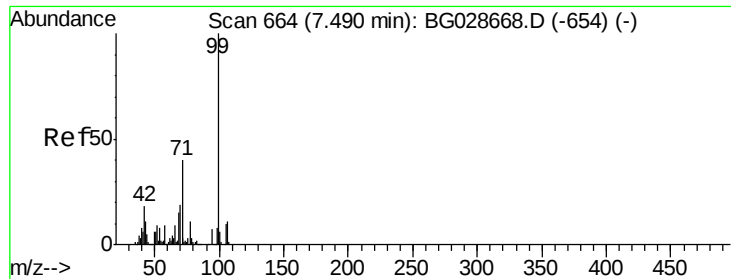
2-Fluorophenol
Concen: 87.27 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028882.D
Acq: 22 Sep 2017 20:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	61.8	92.6
63	36.0	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: 56.47 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

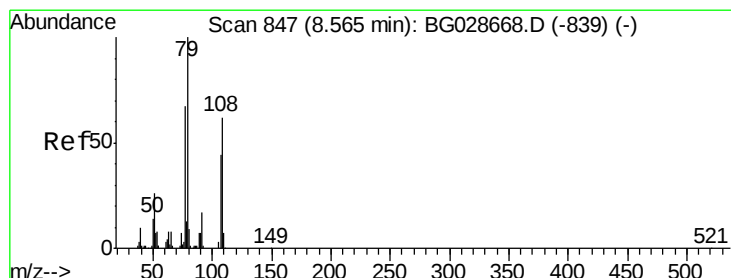
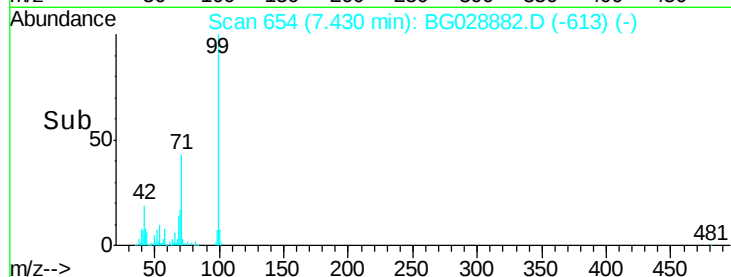
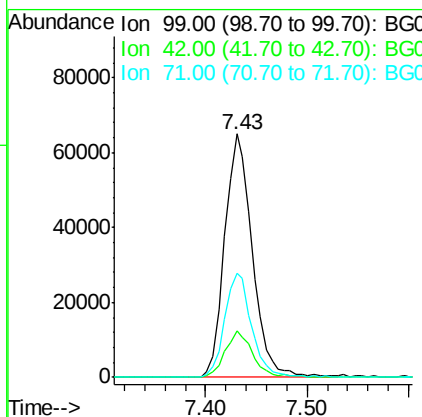
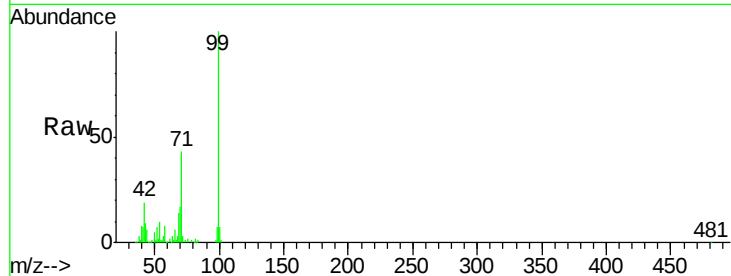
Tot Ion: 99 Resp: 122962

Ion Ratio Lower Upper

99 100

42 19.1 20.5 30.7#

71 42.5 37.6 56.4



#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 8.61 min Scan# 855

Delta R.T. 0.05 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

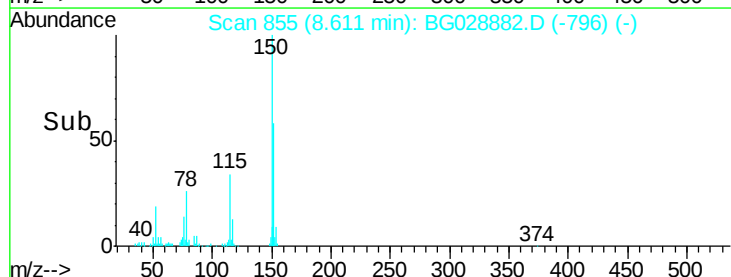
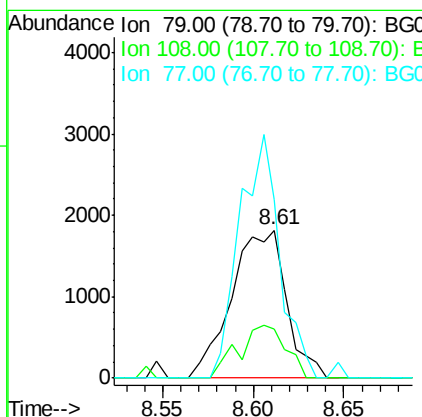
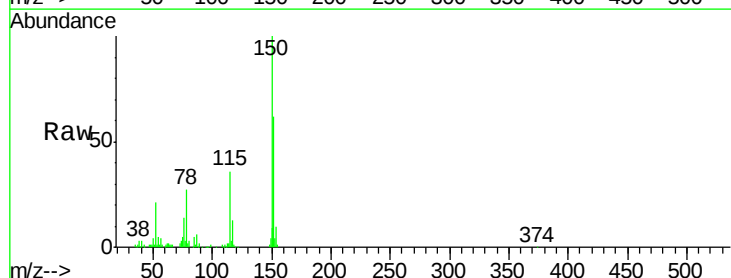
Tgt Ion: 79 Resp: 3824

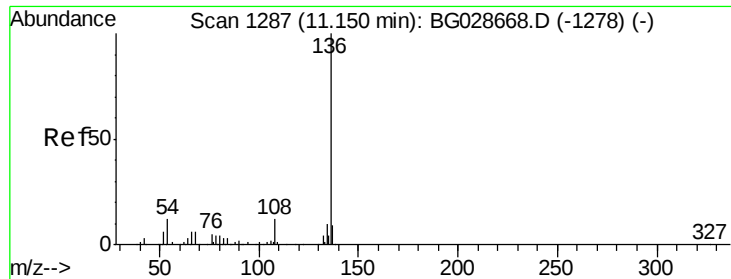
Ion Ratio Lower Upper

79 100

108 32.9 45.5 68.3#

77 120.7 54.3 81.5#

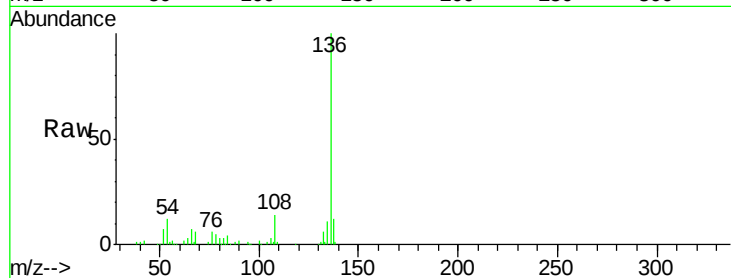




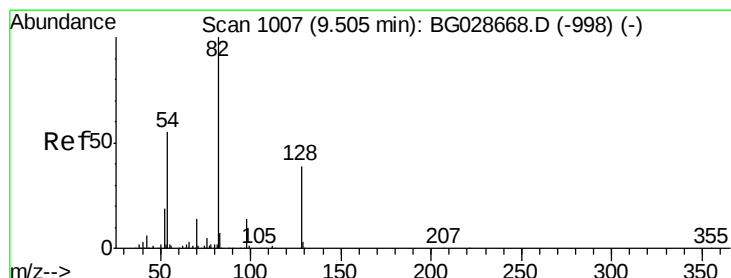
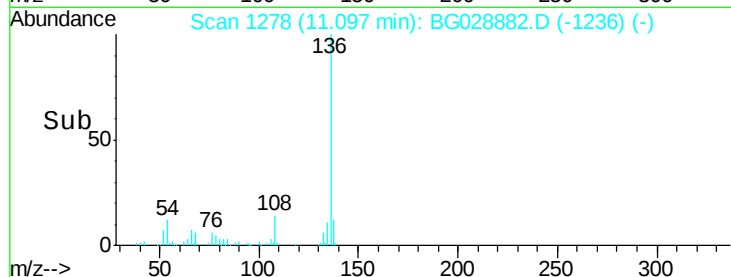
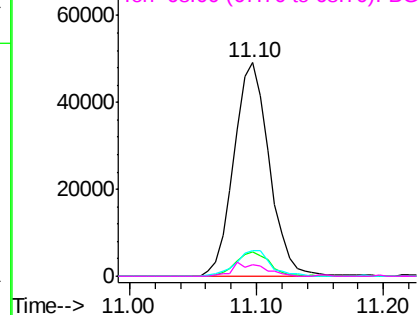
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028882.D
Acq: 22 Sep 2017 20:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	94618
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.9 13.3
54	12.3	9.3 13.9
68	5.5	5.1 7.7

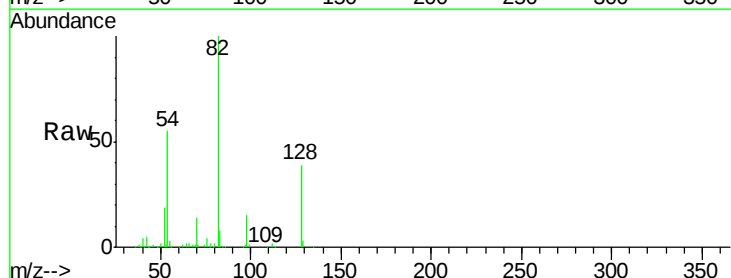


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

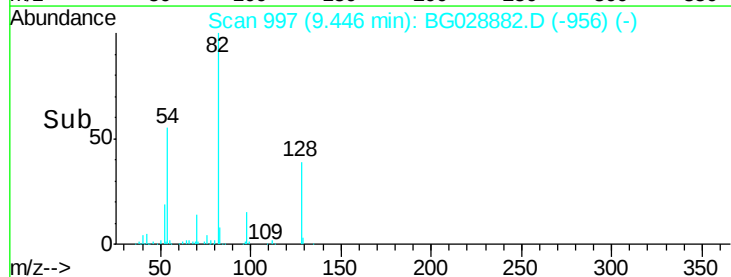
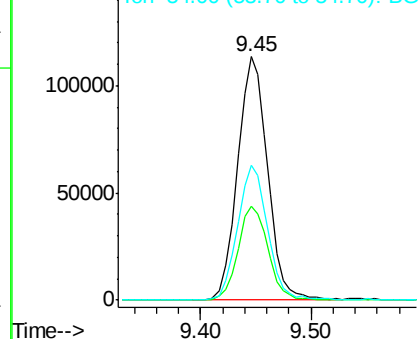


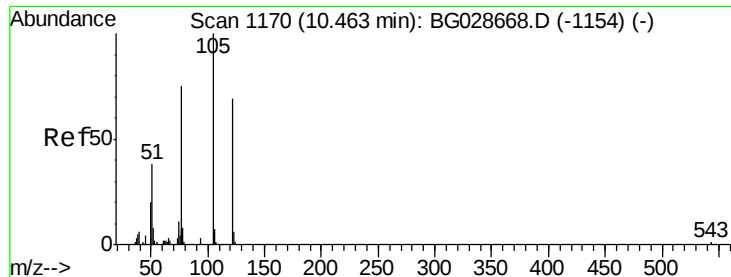
#23
Nitrobenzene-d5
Concen: 109.42 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028882.D
Acq: 22 Sep 2017 20:00

Tgt Ion: 82	Resp:	216415
Ion	Ratio	Lower Upper
82	100	
128	38.7	26.4 39.6
54	55.3	49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#32

Benzoic acid

Concen: 6.13 ng

RT: 10.67 min Scan# 1206

Delta R.T. 0.21 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

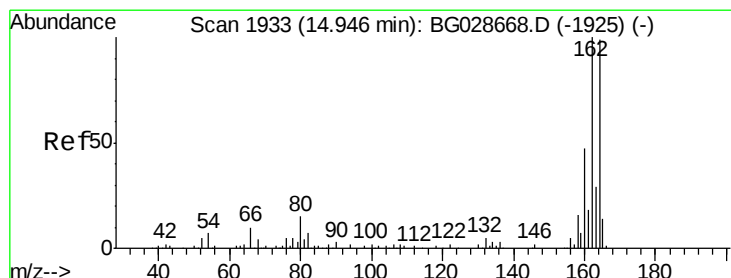
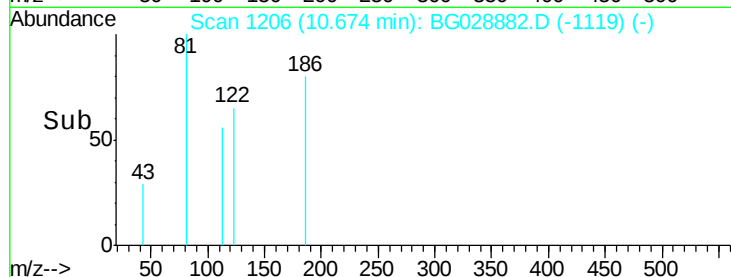
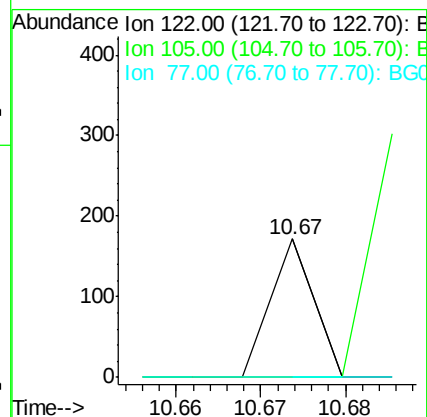
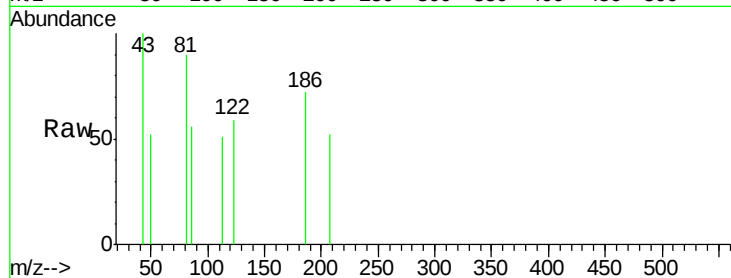
Tot Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

77 0.0 104.6 144.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

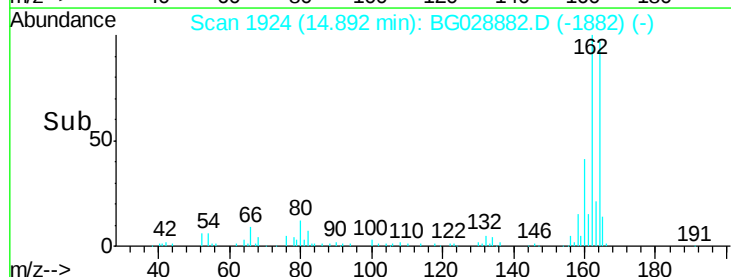
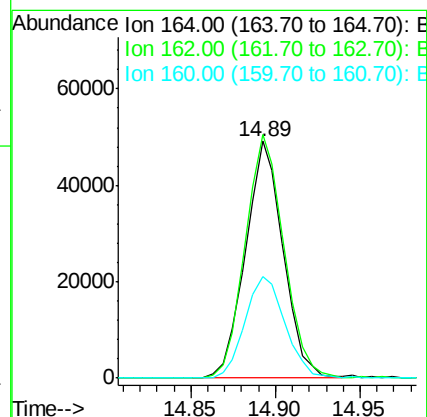
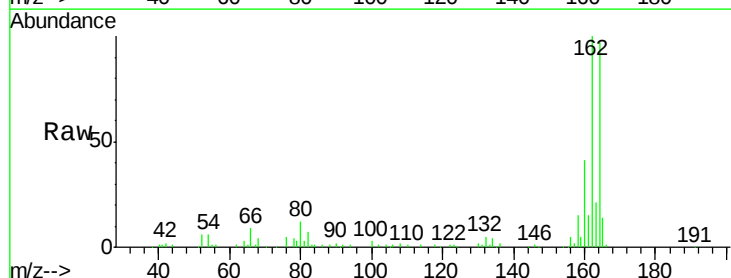
Tgt Ion:164 Resp: 75918

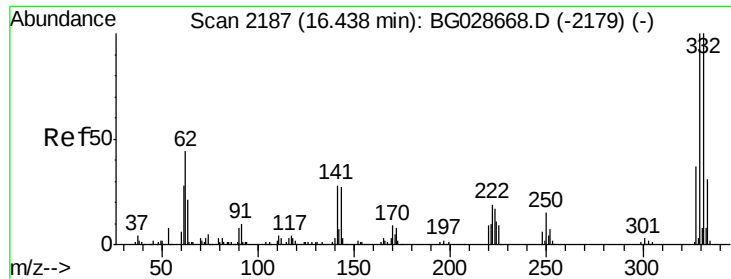
Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

160 42.6 34.7 52.1

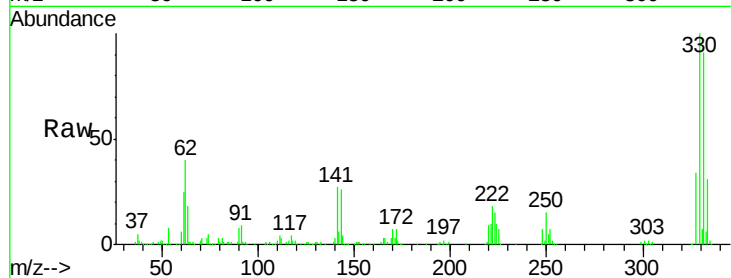




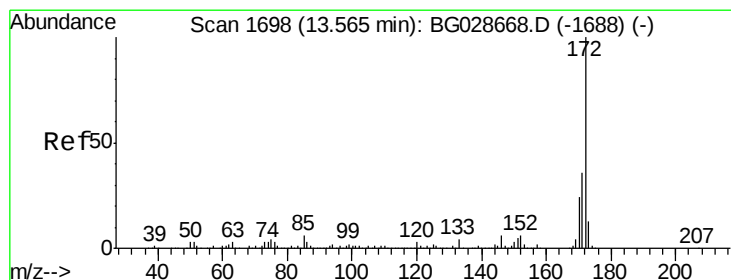
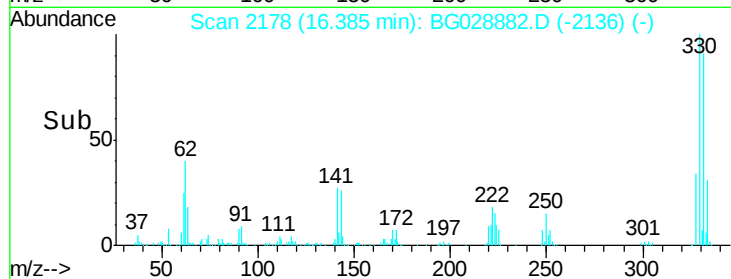
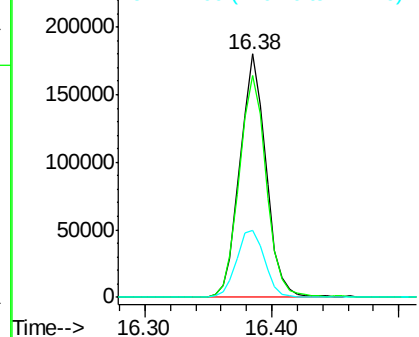
#41
 2,4,6-Tribromophenol
 Concen: 203.98 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028882.D
 Acq: 22 Sep 2017 20:00

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	29.8	32.1	48.1#

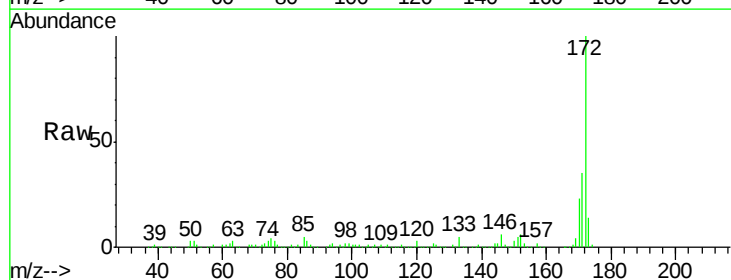


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

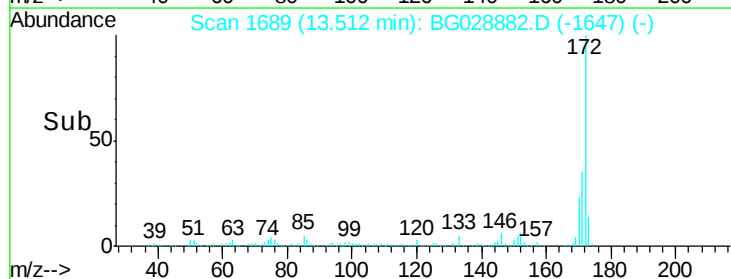
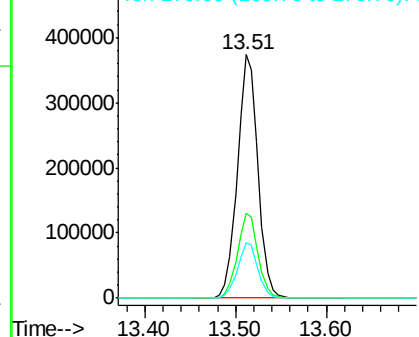


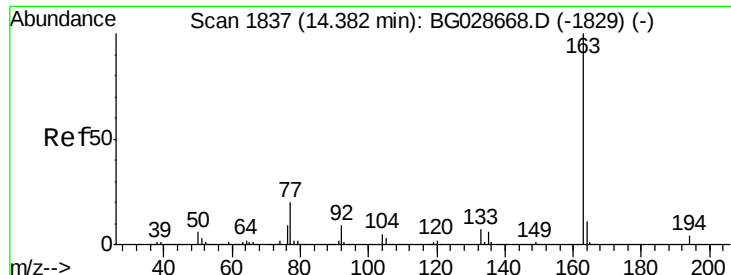
#44
 2-Fluorobiphenyl
 Concen: 103.38 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028882.D
 Acq: 22 Sep 2017 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	32.2	48.2
170	22.8	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





#49

Dimethylphthalate

Concen: 2.92 ng

RT: 14.33 min Scan# 1829

Delta R.T. -0.05 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

Instrument :

BNA_G

ClientSampleId :

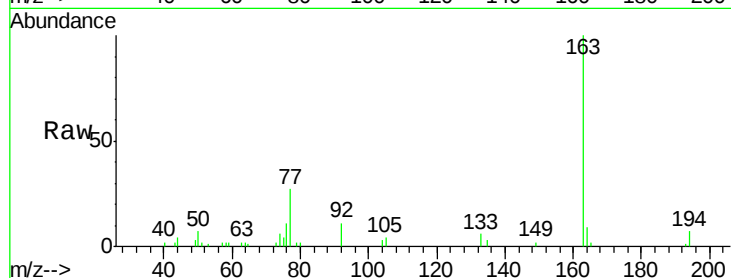
Tot Ion:163 Resp: 18562

Ion Ratio Lower Upper

163 100

194 7.2 3.8 5.6#

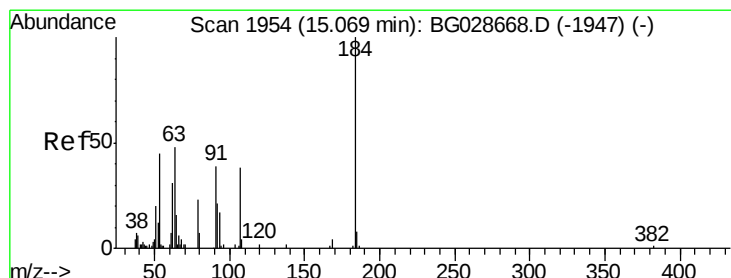
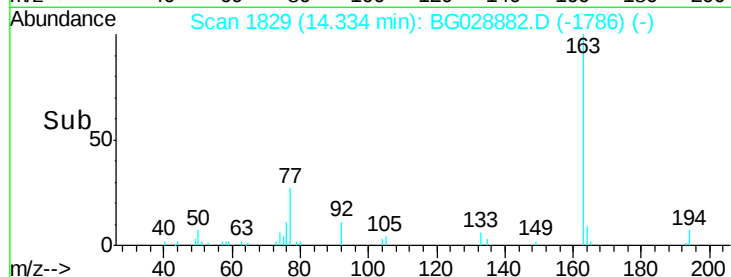
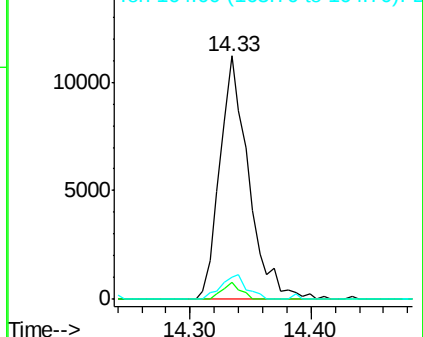
164 8.9 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 8.07 ng

RT: 14.90 min Scan# 1926

Delta R.T. -0.16 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

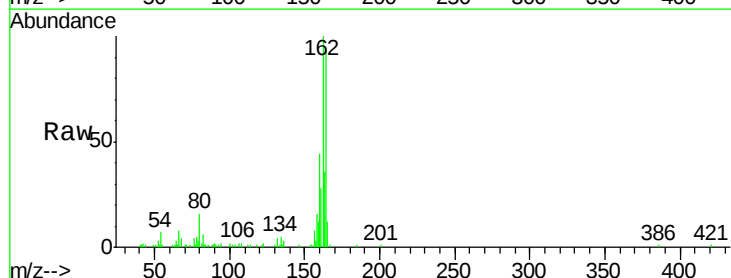
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 171.7 52.7 79.1#

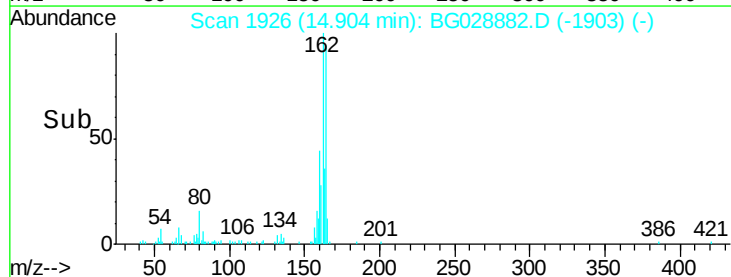
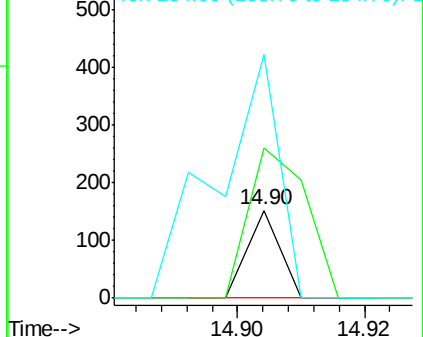
154 277.6 57.3 85.9#

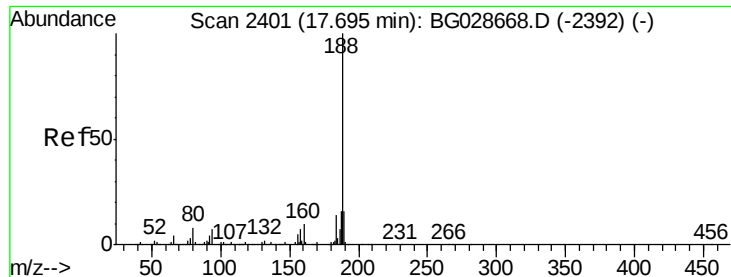


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

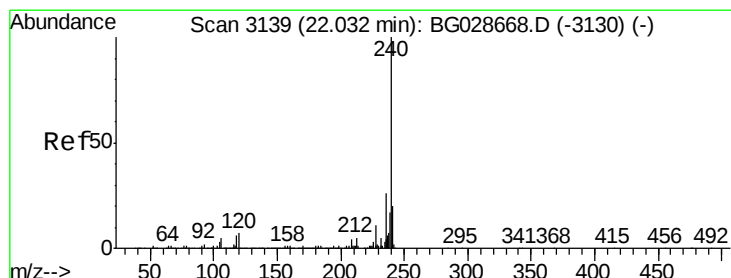
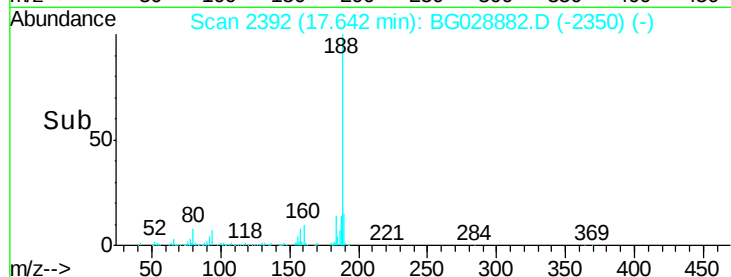
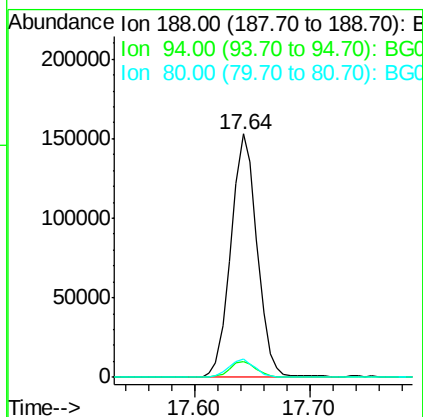
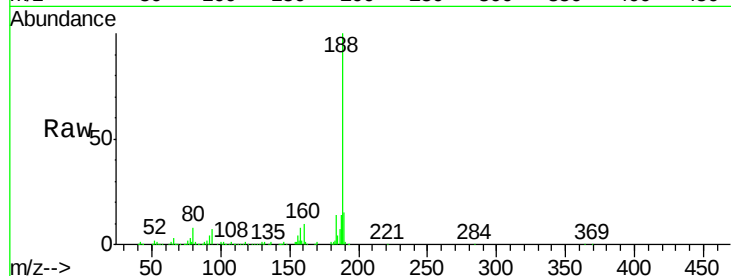




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028882.D
Acq: 22 Sep 2017 20:00

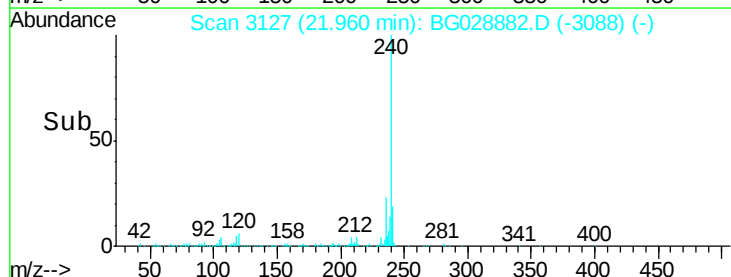
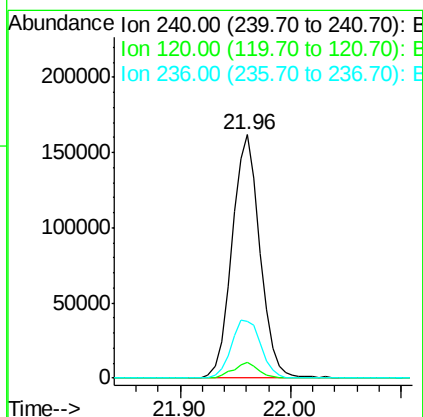
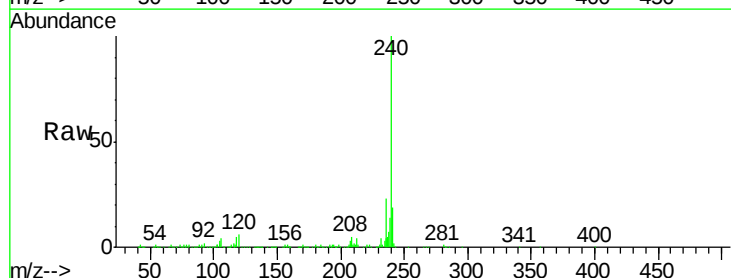
Instrument :
BNA_G
ClientSampleId :

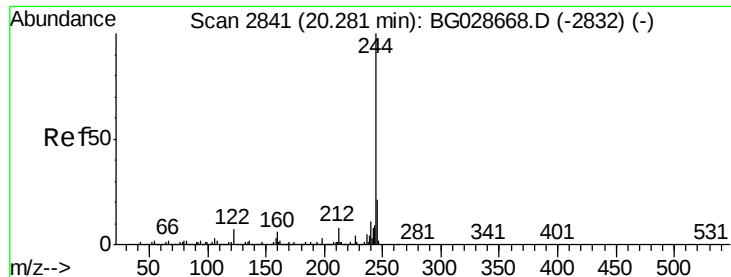
Tot Ion:188 Resp: 240675
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 7.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028882.D
Acq: 22 Sep 2017 20:00

Tgt Ion:240 Resp: 287335
Ion Ratio Lower Upper
240 100
120 6.3 5.7 8.5
236 23.2 22.2 33.4





#78

Terphenyl-d14

Concen: 98.35 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

Instrument :

BNA_G

ClientSampled :

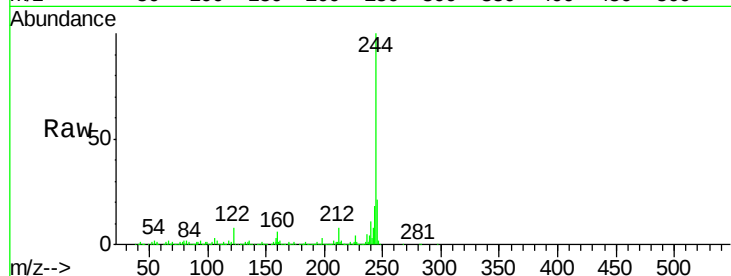
Tot Ion:244 Resp: 1325070

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

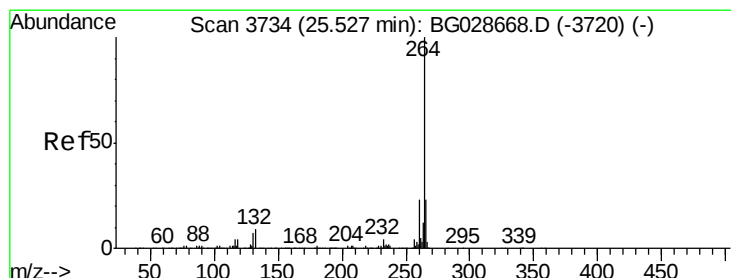
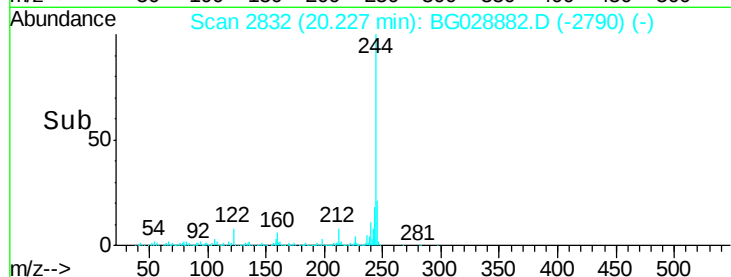
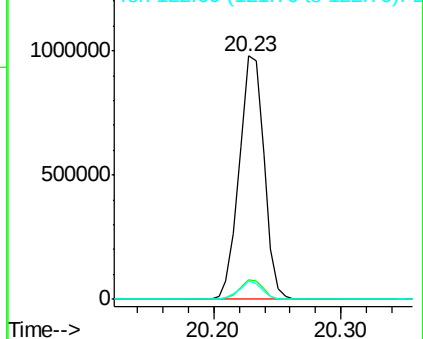
122 7.5 8.6 12.8#



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: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028882.D

Acq: 22 Sep 2017 20:00

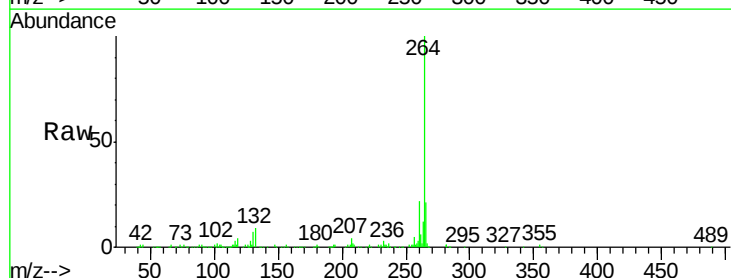
Tgt Ion:264 Resp: 292918

Ion Ratio Lower Upper

264 100

260 22.1 21.8 32.8

265 21.0 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

