

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028837.D
 Acq On : 20 Sep 2017 18:33
 Operator : SJ/JU
 Sample : PB102470TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 01:26:25 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

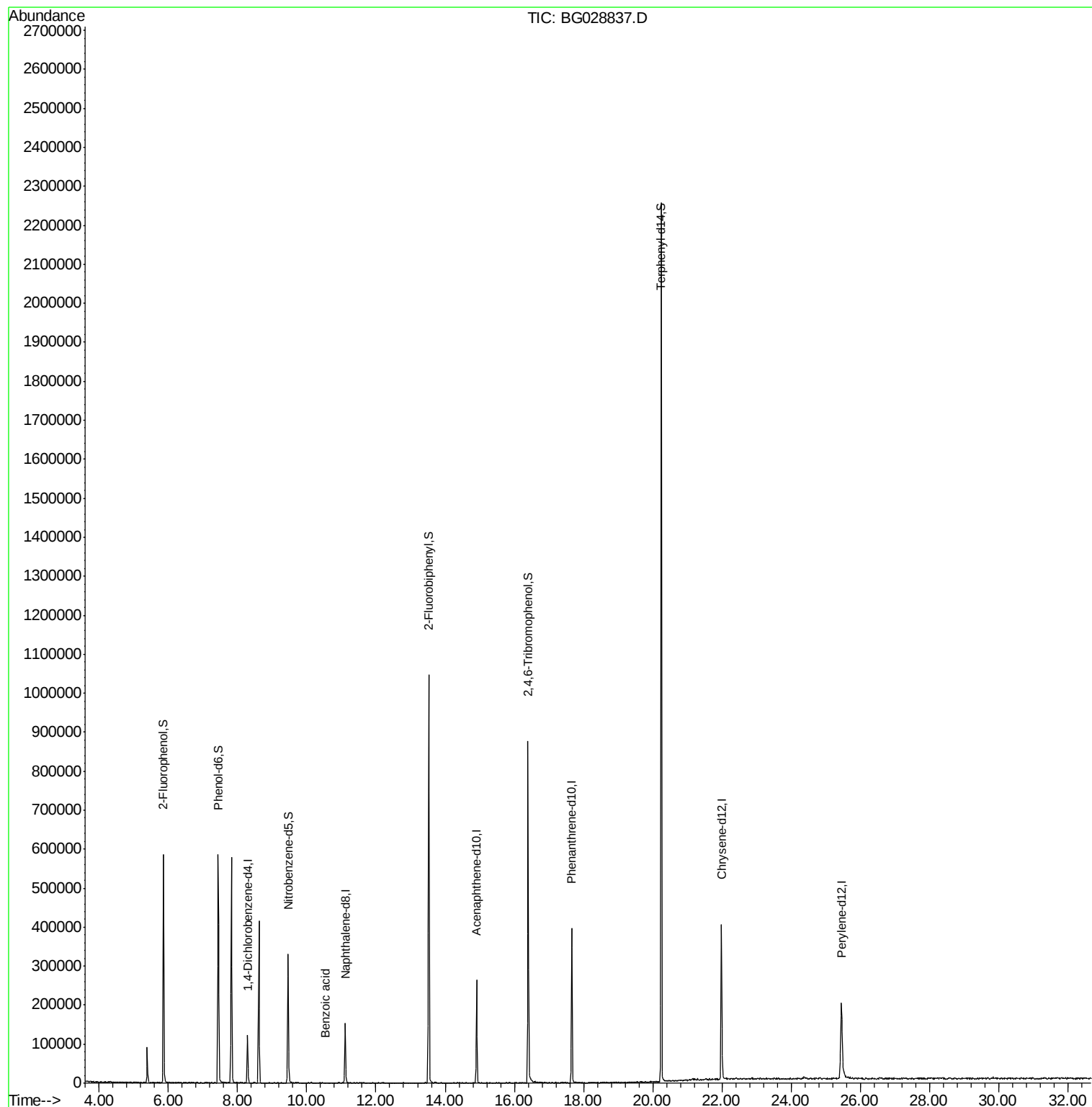
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	32332	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	129377	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	94809	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	263386	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	289961	20.00	ng	-0.05
86) Perylene-d12	25.45	264	288354	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	261320	133.36	ng	-0.04
7) Phenol-d6	7.44	99	349157	118.35	ng	-0.05
23) Nitrobenzene-d5	9.46	82	214884	79.45	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	198618	126.66	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	593215	83.43	ng	-0.04
78) Terphenyl-d14	20.25	244	1114062	81.94	ng	-0.04
Target Compounds						
32) Benzoic acid	10.53	122	64	6.12	ng	Qvalue # 1

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

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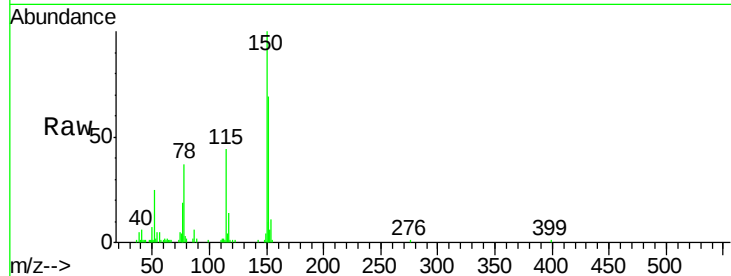


#1

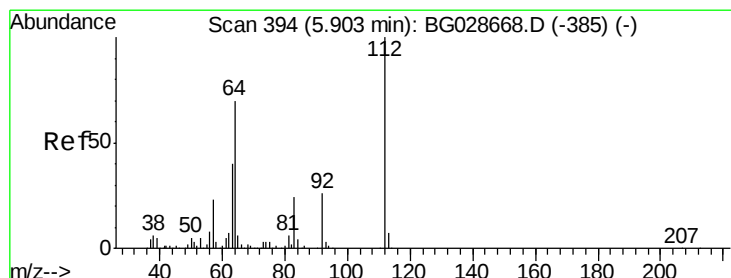
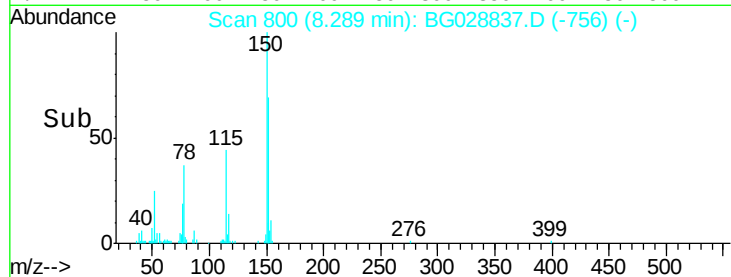
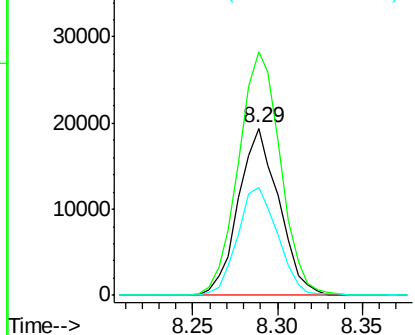
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028837.D
Acq: 20 Sep 2017 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	114.0	171.0
115	64.3	48.1	72.1



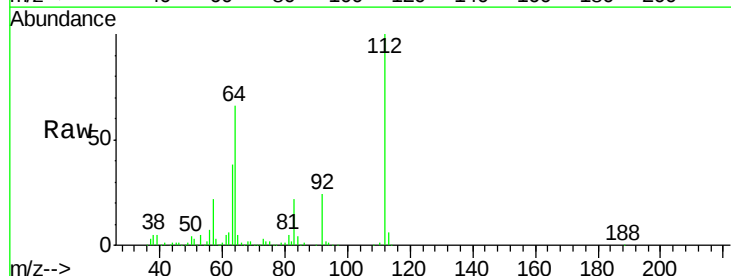
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



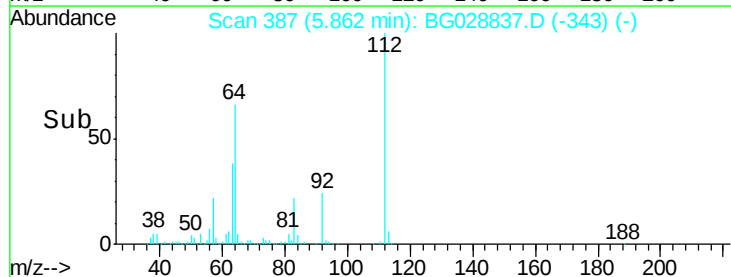
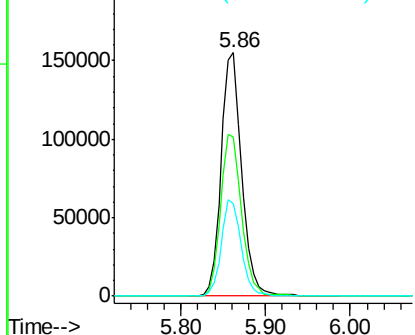
#5

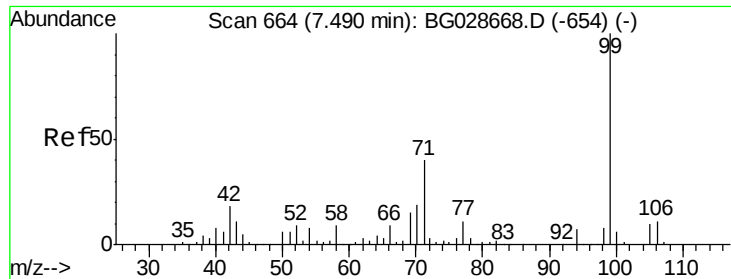
2-Fluorophenol
Concen: 133.36 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028837.D
Acq: 20 Sep 2017 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	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: 118.35 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028837.D

Acq: 20 Sep 2017 18:33

Instrument :

BNA_G

ClientSampled :

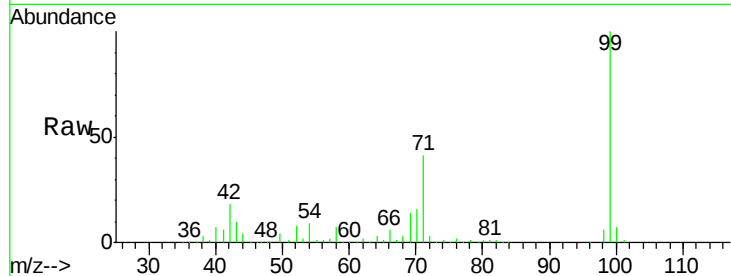
Tot Ion: 99 Resp: 349157

Ion Ratio Lower Upper

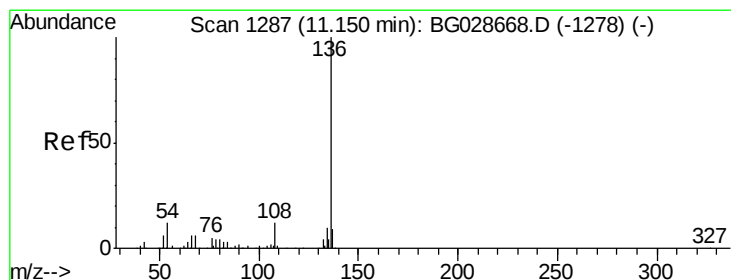
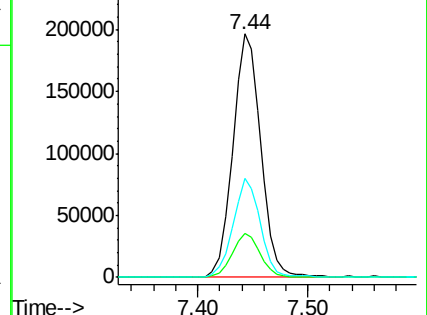
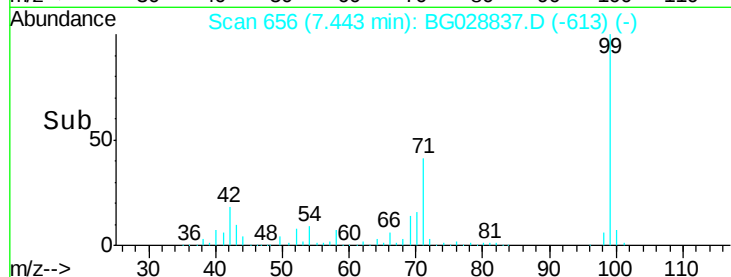
99 100

42 18.2 20.5 30.7#

71 40.9 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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028837.D

Acq: 20 Sep 2017 18:33

Tgt Ion: 136 Resp: 129377

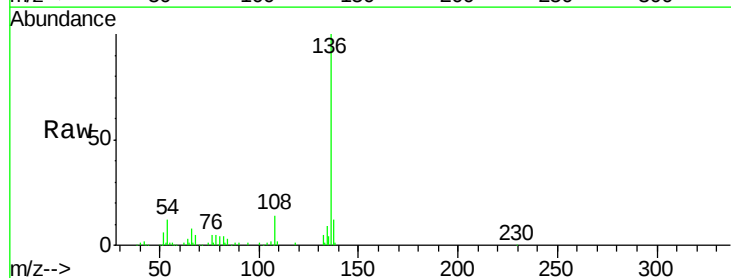
Ion Ratio Lower Upper

136 100

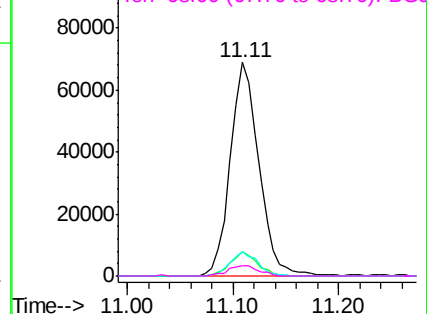
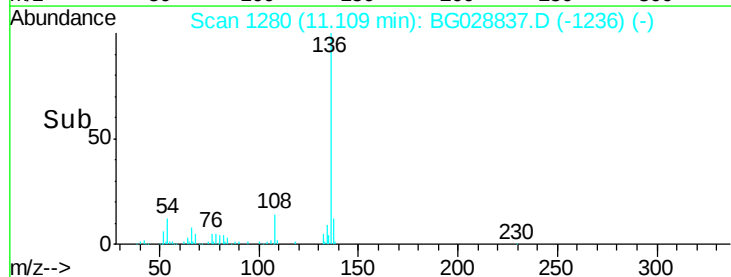
137 11.6 8.9 13.3

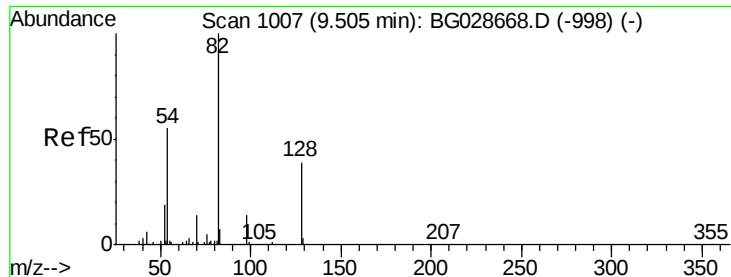
54 11.5 9.3 13.9

68 5.0 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

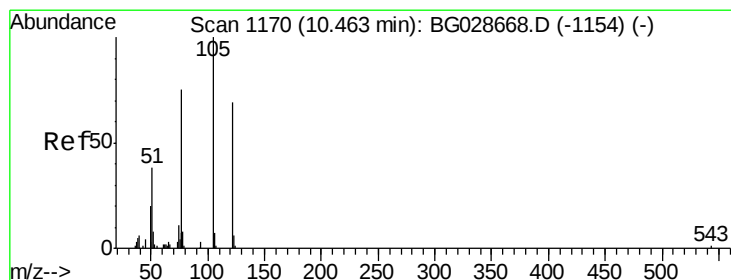
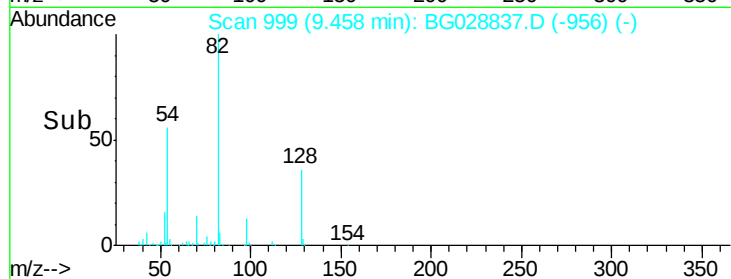
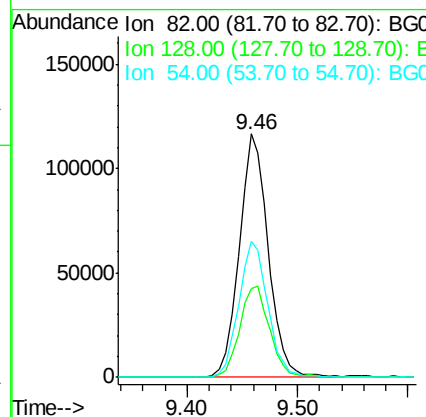
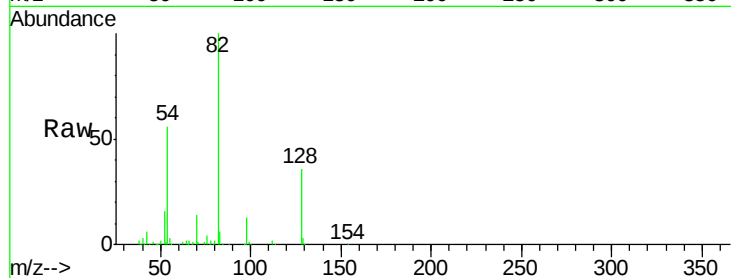




#23
Nitrobenzene-d5
Concen: 79.45 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028837.D
Acq: 20 Sep 2017 18:33

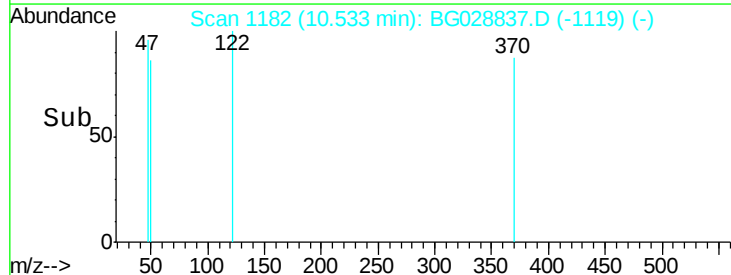
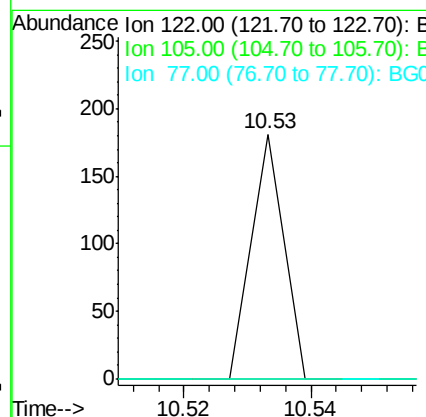
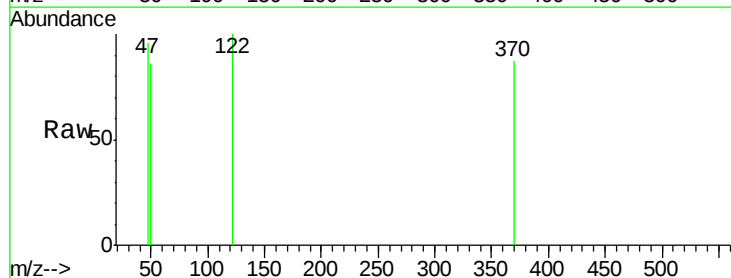
Instrument :
BNA_G
ClientSampleId :

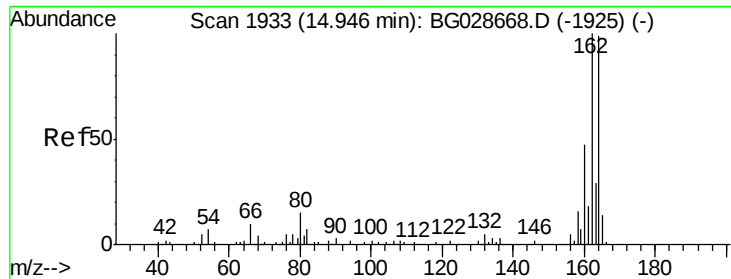
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	26.4	39.6
54	55.7	49.4	74.2



#32
Benzoic acid
Concen: 6.12 ng
RT: 10.53 min Scan# 1182
Delta R.T. 0.07 min
Lab File: BG028837.D
Acq: 20 Sep 2017 18:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

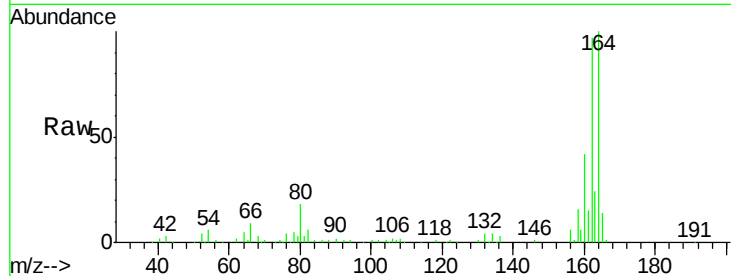




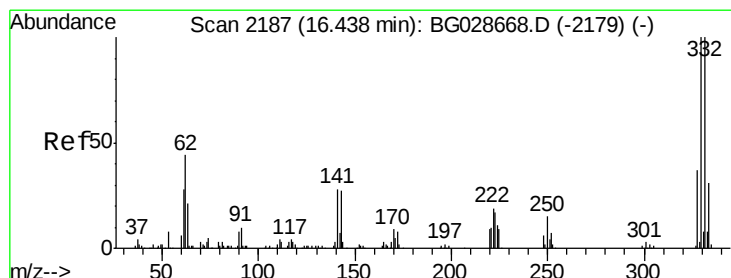
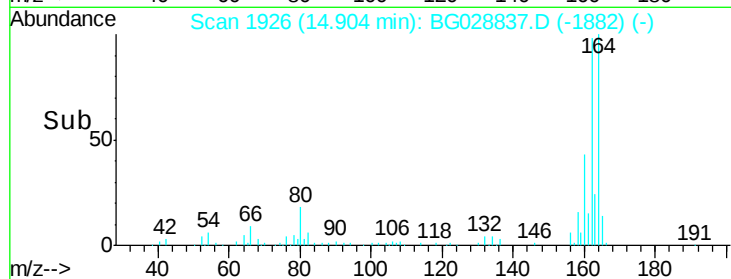
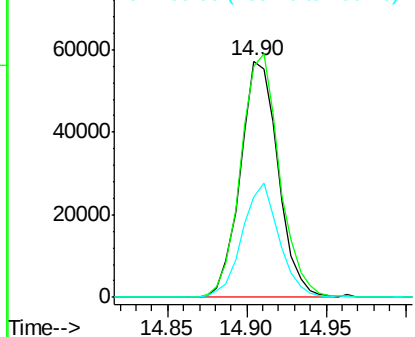
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028837.D
Acq: 20 Sep 2017 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 94809
Ion Ratio Lower Upper
164 100
162 97.4 85.1 127.7
160 42.4 34.7 52.1

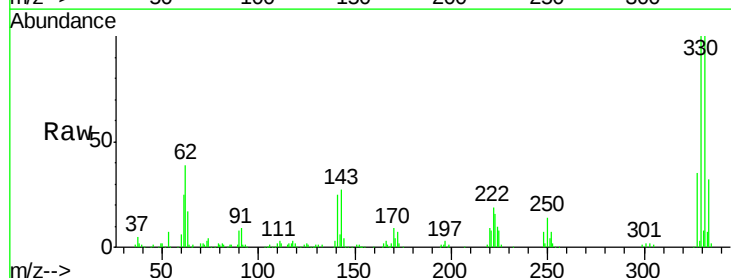


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

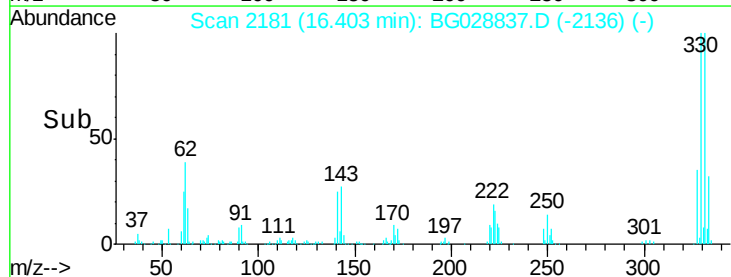
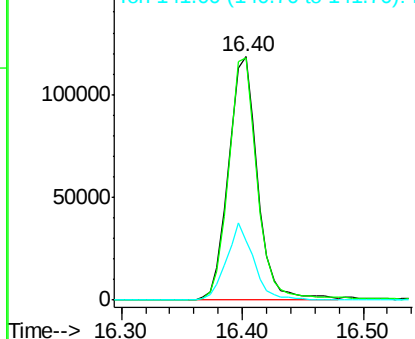


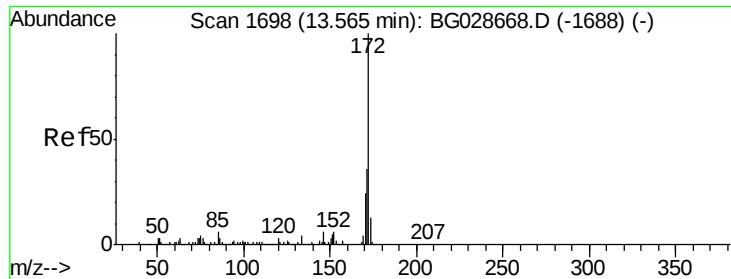
#41
2,4,6-Tribromophenol
Concen: 126.66 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BG028837.D
Acq: 20 Sep 2017 18:33

Tgt Ion:330 Resp: 198618
Ion Ratio Lower Upper
330 100
332 99.1 77.3 115.9
141 29.5 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

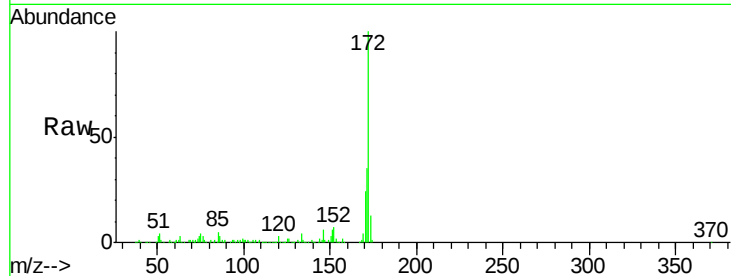




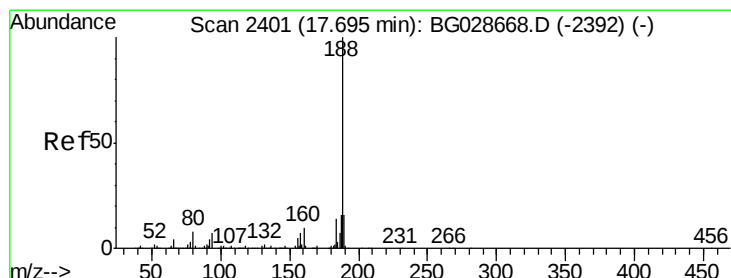
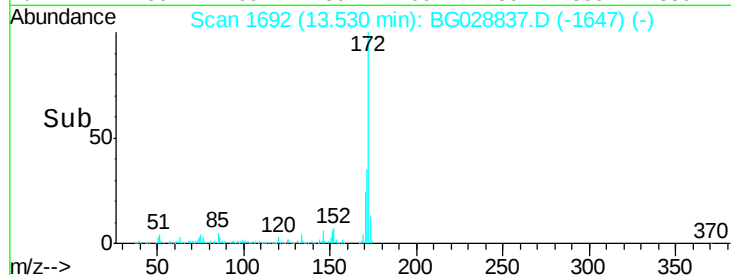
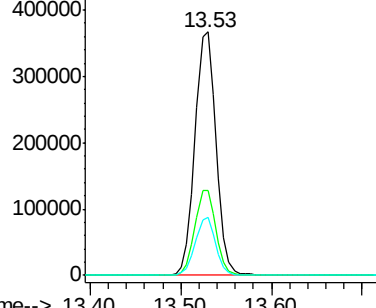
#44
 2-Fluorobiphenyl
 Concen: 83.43 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028837.D
 Acq: 20 Sep 2017 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	32.2	48.2
170	23.7	21.8	32.6

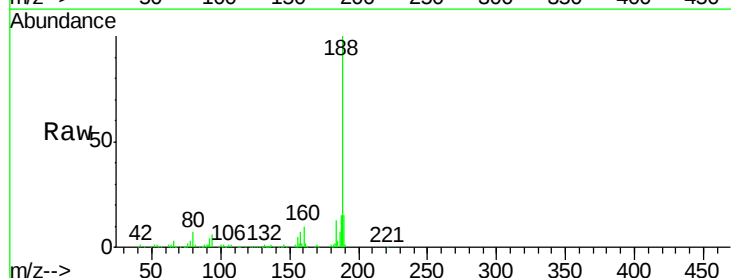


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

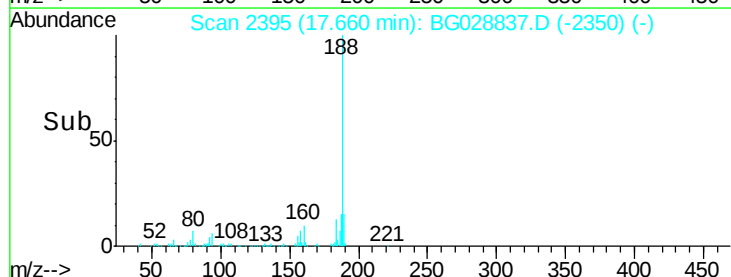
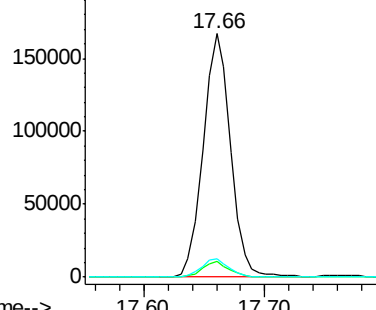


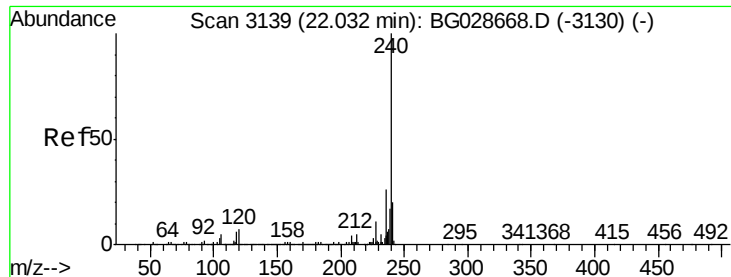
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.66 min Scan# 2395
 Delta R.T. -0.04 min
 Lab File: BG028837.D
 Acq: 20 Sep 2017 18:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.8
80	7.5	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





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028837.D

Acq: 20 Sep 2017 18:33

Instrument :

BNA_G

ClientSampleId :

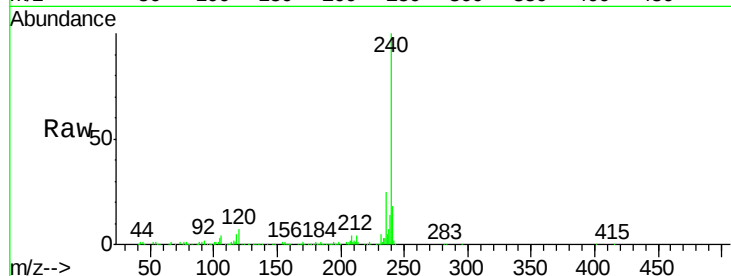
Tot Ion:240 Resp: 289961

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

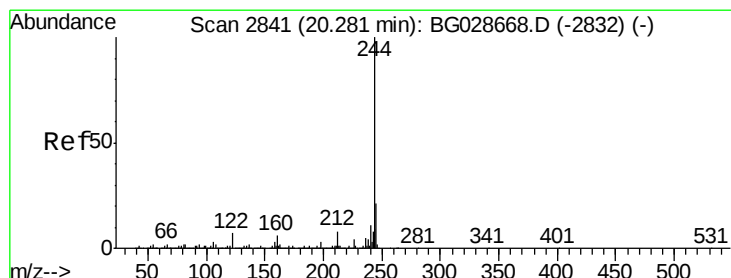
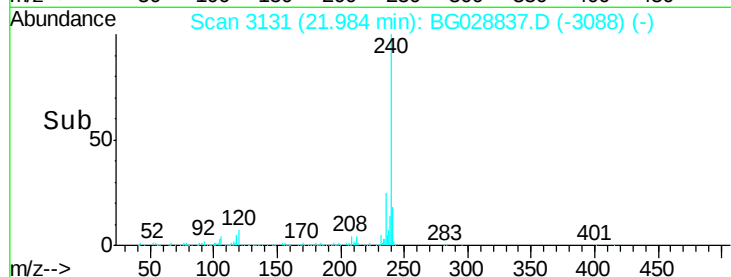
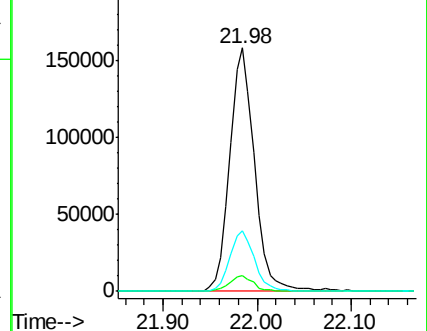
236 24.7 22.2 33.4



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



#78

Terphenyl-d14

Concen: 81.94 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028837.D

Acq: 20 Sep 2017 18:33

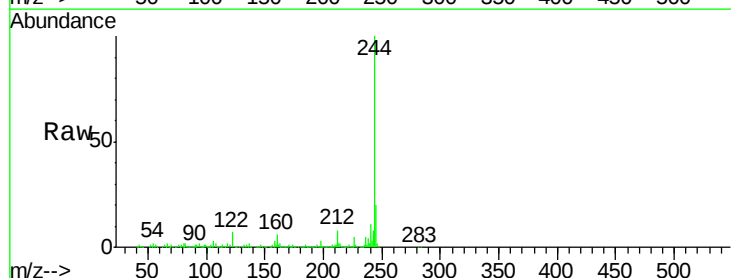
Tgt Ion:244 Resp: 1114062

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

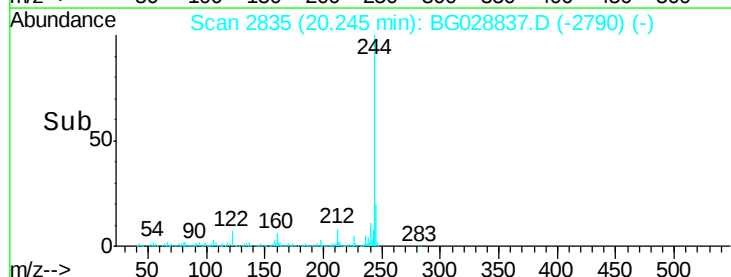
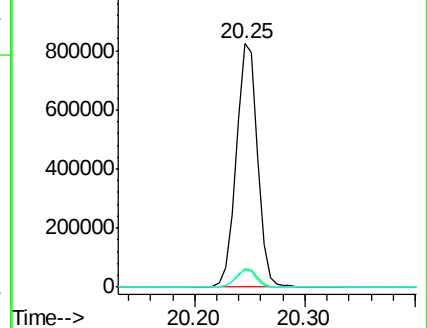
122 6.9 8.6 12.8#

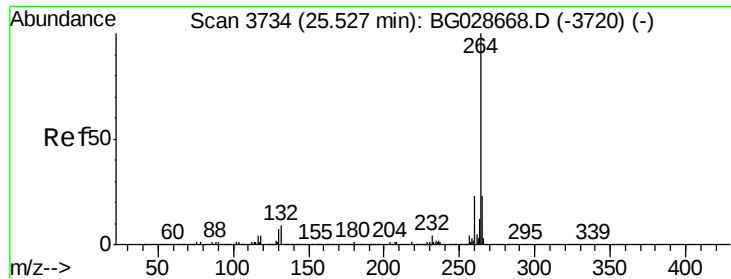


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.08 min
 Lab File: BG028837.D
 Acq: 20 Sep 2017 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	20.5	18.2	27.4

