

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037186.D
 Acq On : 5 Oct 2018 12:34
 Operator : JU/SJ
 Sample : J5242-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E9-F9-E9A-F9A

Quant Time: Oct 05 13:19:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

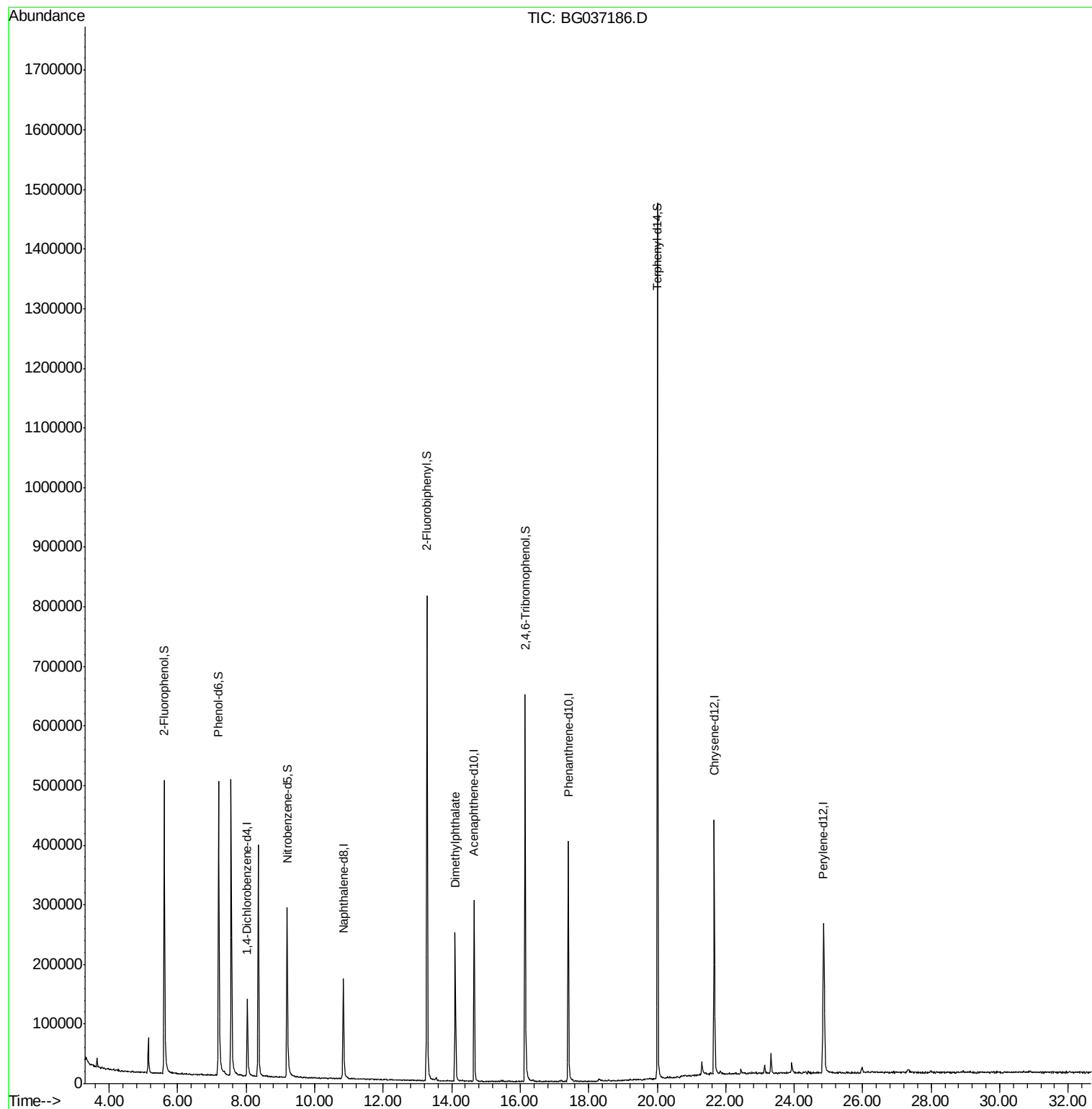
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44295	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	179005	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	111571	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	286252	20.00	ng	-0.02
75) Chrysene-d12	21.66	240	291213	20.00	ng	-0.03
86) Perylene-d12	24.86	264	285370	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	239595	103.73	ng	-0.02
7) Phenol-d6	7.19	99	330263	92.42	ng	-0.02
23) Nitrobenzene-d5	9.19	82	227832	68.16	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	128146	96.00	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	476372	63.59	ng	-0.02
78) Terphenyl-d14	20.01	244	762883	68.88	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.11	163	193073	21.499	ng	98

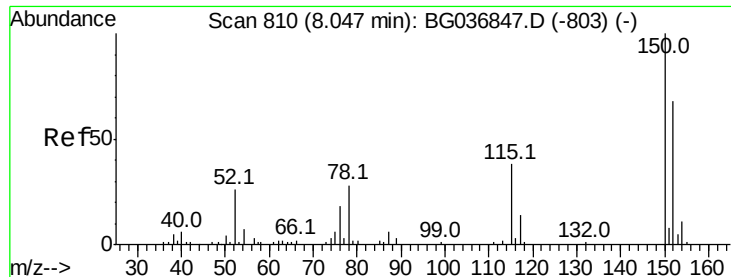
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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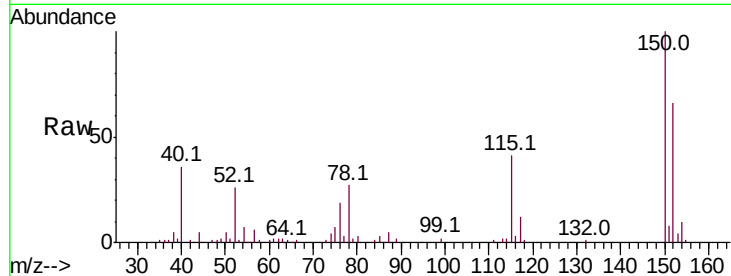


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E9-F9-E9A-F9A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	119.5	179.3
115	62.4	44.5	66.7

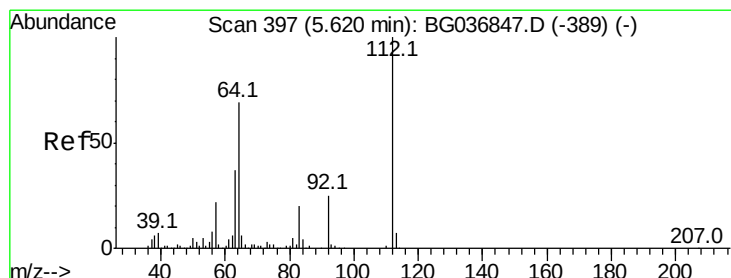
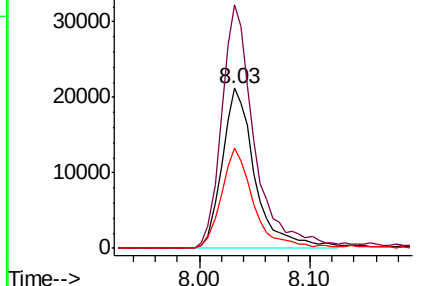
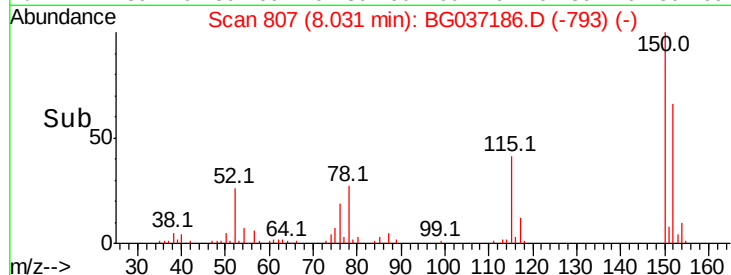


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

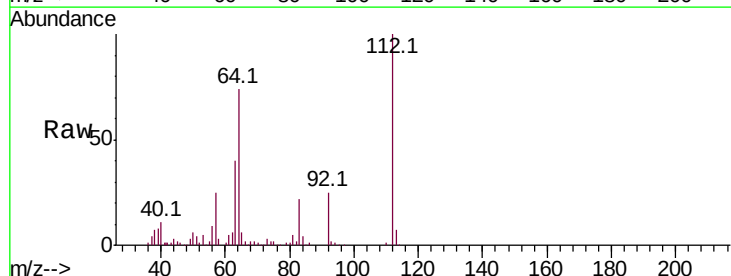
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.734 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	57.2	85.8
63	39.9	30.8	46.2

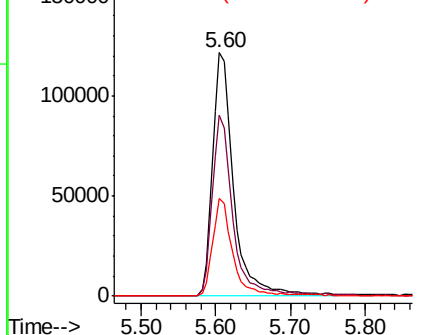
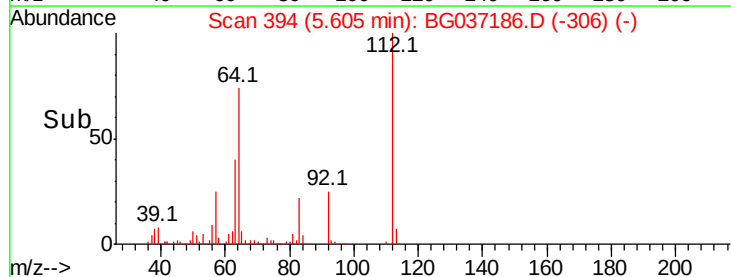


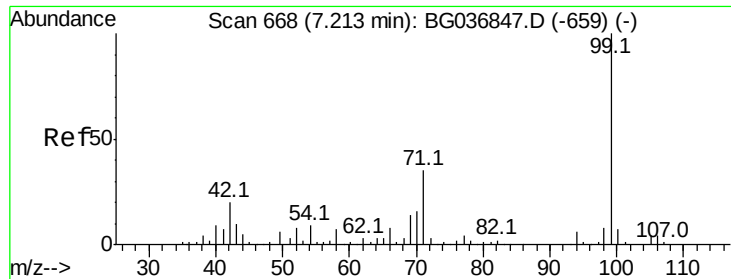
Abundance

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: 92.420 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E9-F9-E9A-F9A

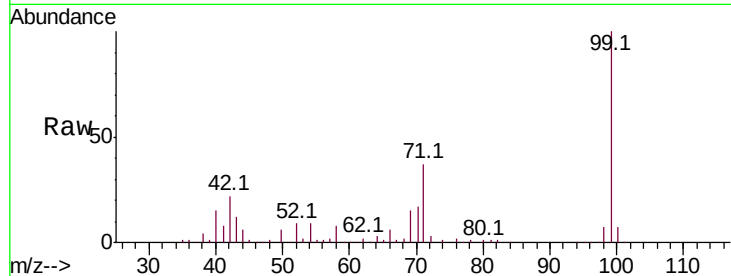
Tot Ion: 99 Resp: 330263

Ion Ratio Lower Upper

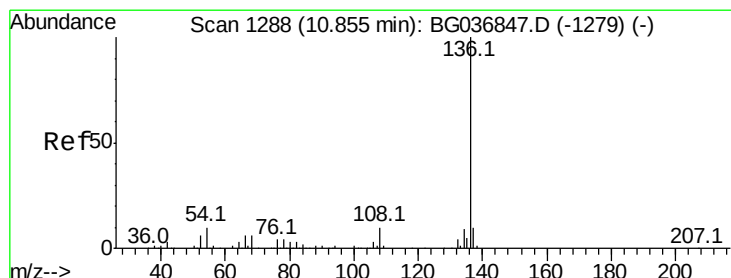
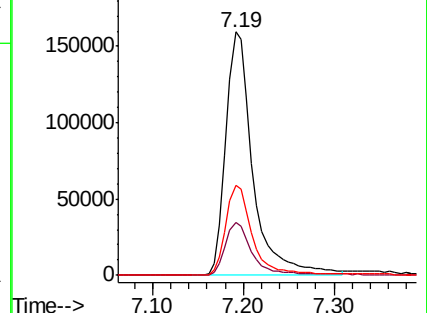
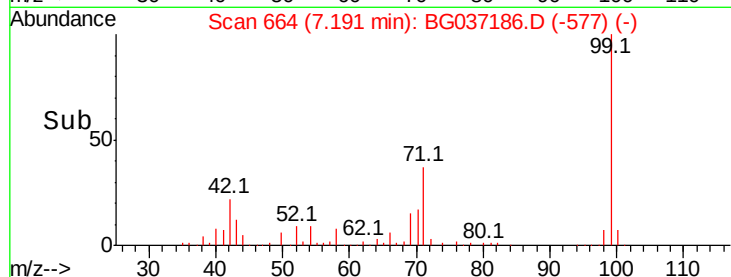
99 100

42 21.7 16.5 24.7

71 36.8 29.4 44.2



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: 10.83 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

Tgt Ion: 136 Resp: 179005

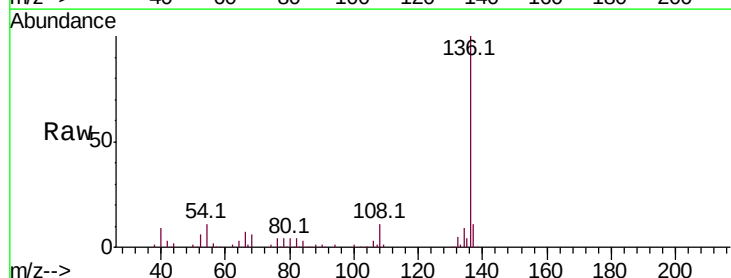
Ion Ratio Lower Upper

136 100

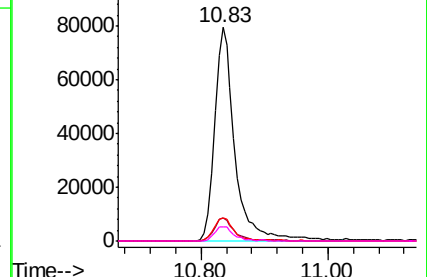
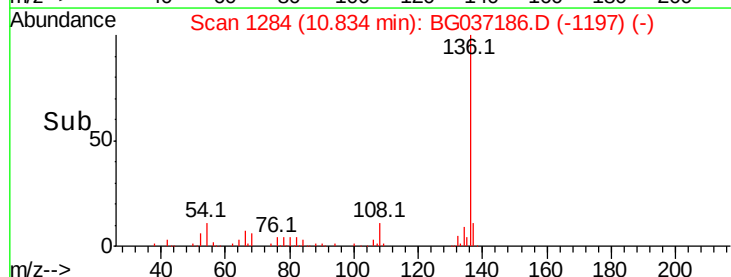
137 11.1 8.8 13.2

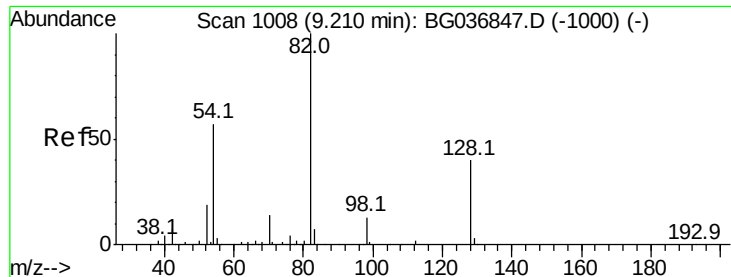
54 11.0 9.2 13.8

68 6.4 5.8 8.6



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

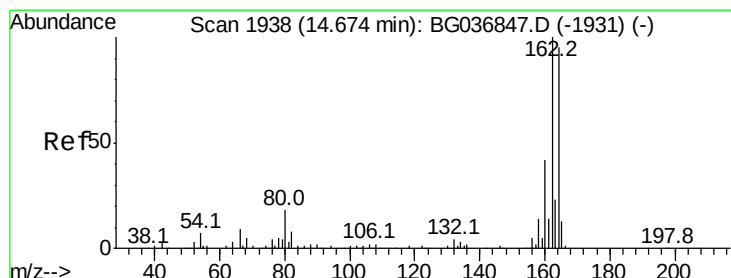
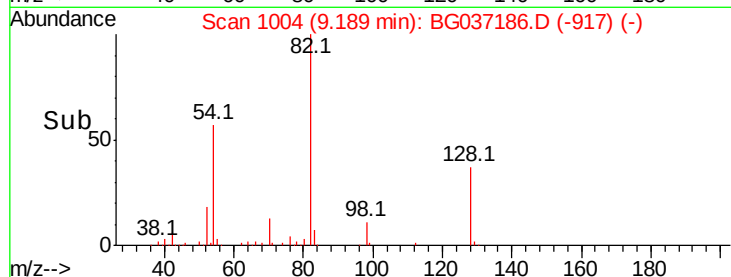
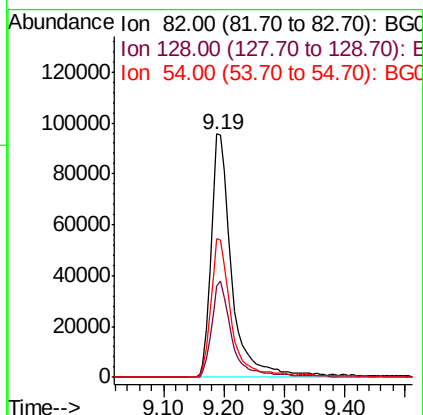
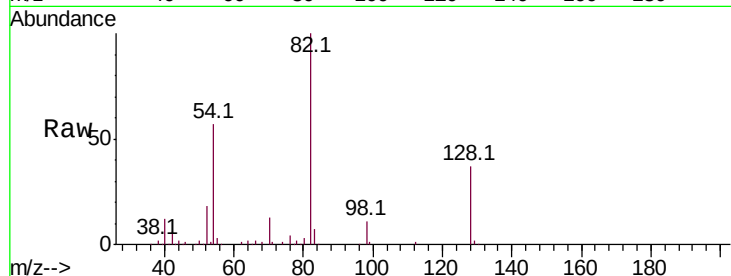




#23
Nitrobenzene-d5
Concen: 68.158 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

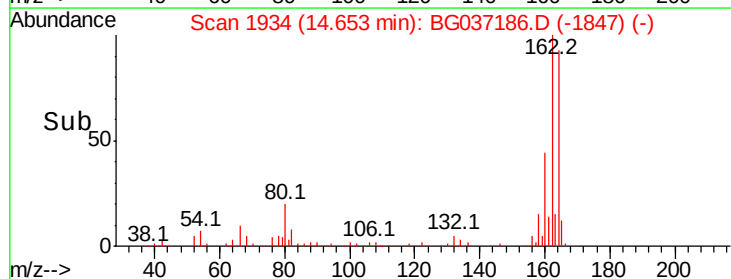
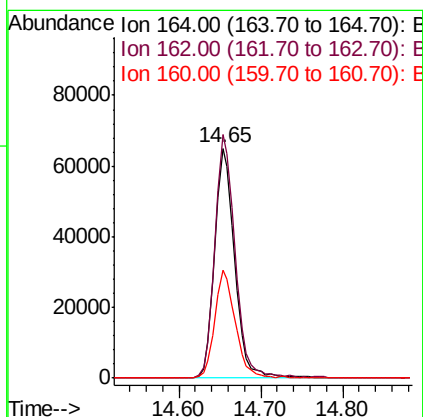
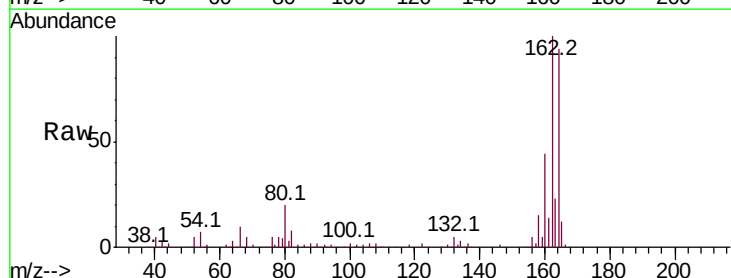
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E9-F9-E9A-F9A

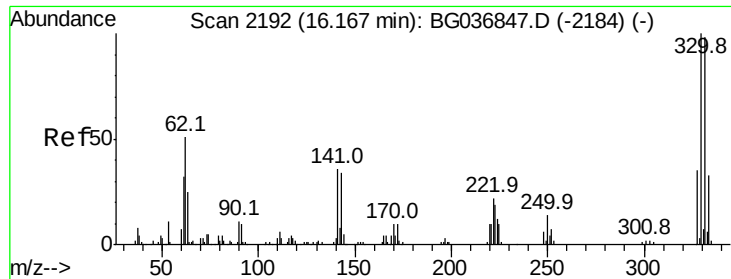
Tot Ion: 82 Resp: 227832
Ion Ratio Lower Upper
82 100
128 37.4 33.3 49.9
54 57.2 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Tgt Ion: 164 Resp: 111571
Ion Ratio Lower Upper
164 100
162 106.0 80.7 121.1
160 46.9 35.3 52.9

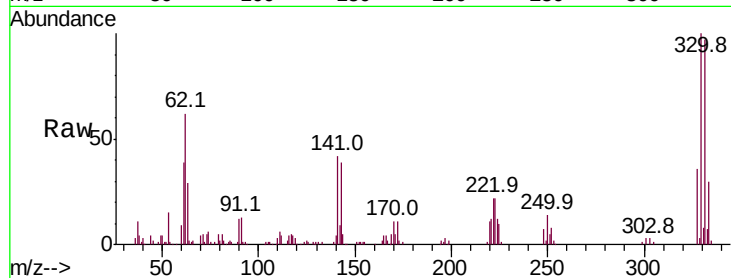




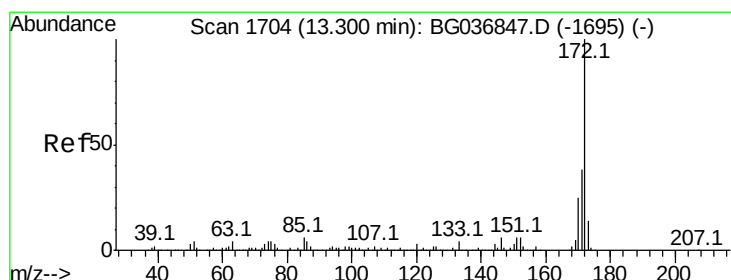
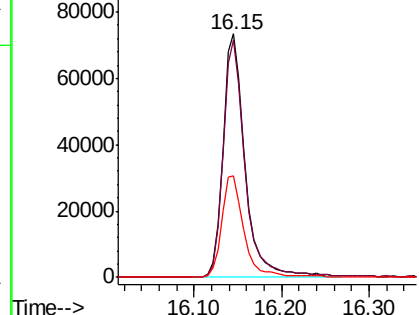
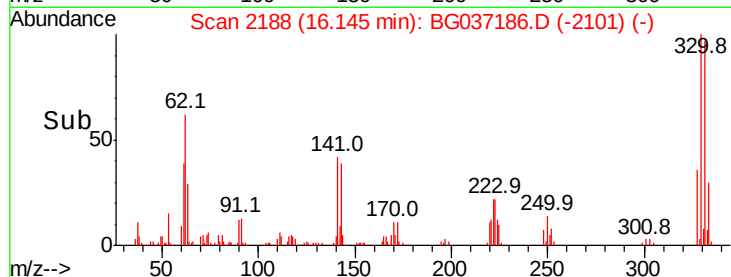
#41
 2,4,6-Tribromophenol
 Concen: 95.998 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037186.D
 Acq: 5 Oct 2018 12:34

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E9-F9-E9A-F9A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	42.3	30.7	46.1

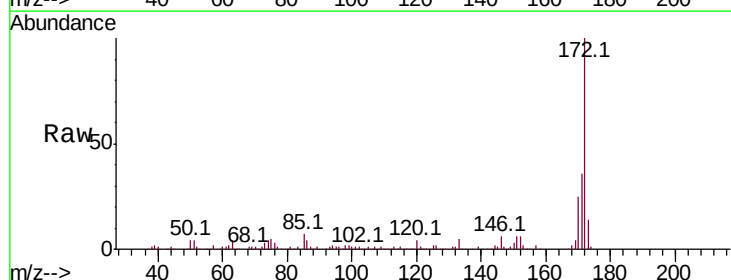


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

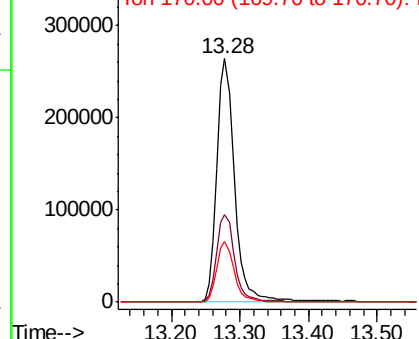
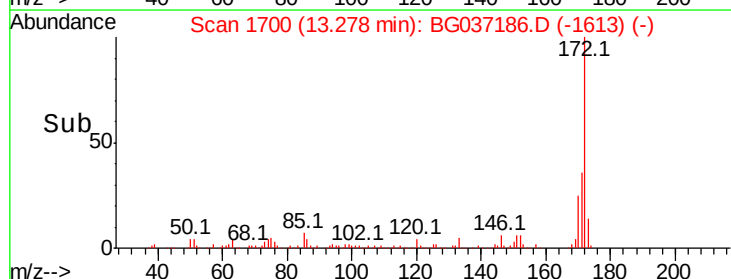


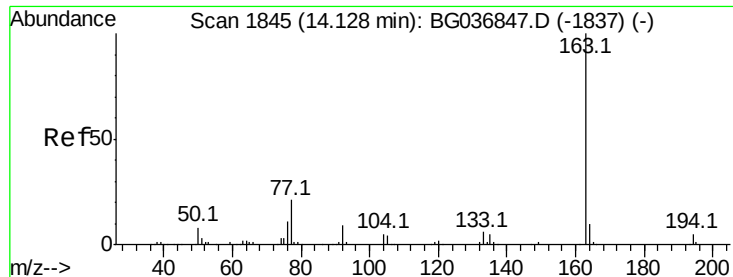
#44
 2-Fluorobiphenyl
 Concen: 63.592 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037186.D
 Acq: 5 Oct 2018 12:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	31.3	46.9
170	24.8	21.0	31.6



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: 21.499 ng

RT: 14.11 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E9-F9-E9A-F9A

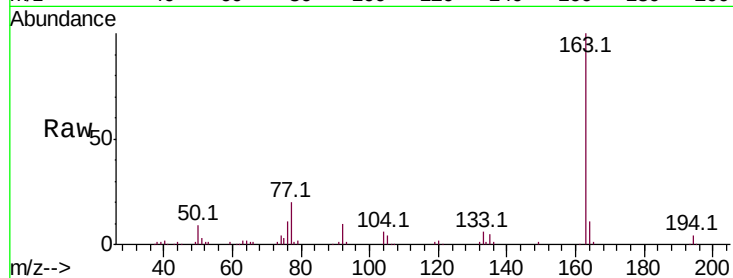
Tot Ion:163 Resp: 193073

Ion Ratio Lower Upper

163 100

194 4.3 4.0 6.0

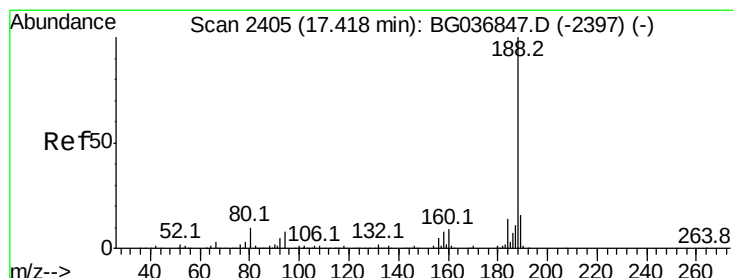
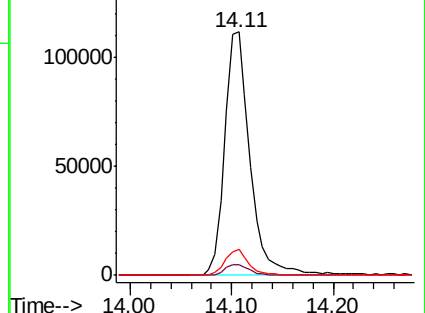
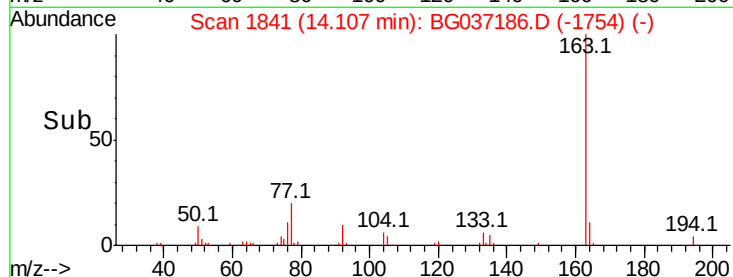
164 10.9 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

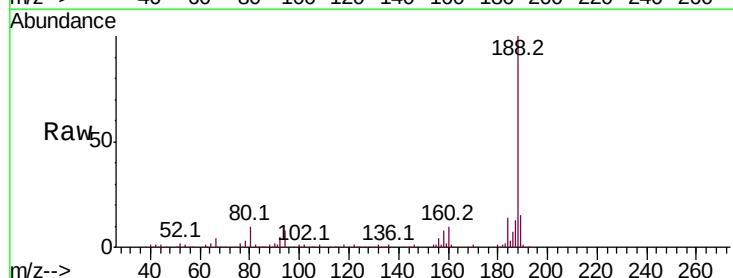
Tgt Ion:188 Resp: 286252

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

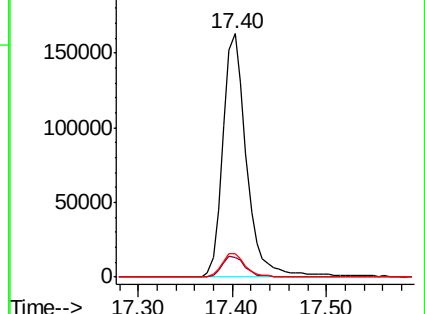
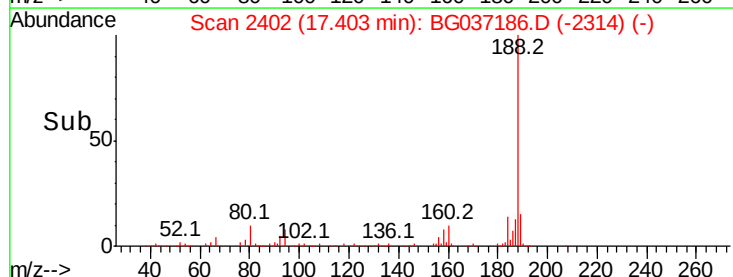
80 9.9 8.1 12.1

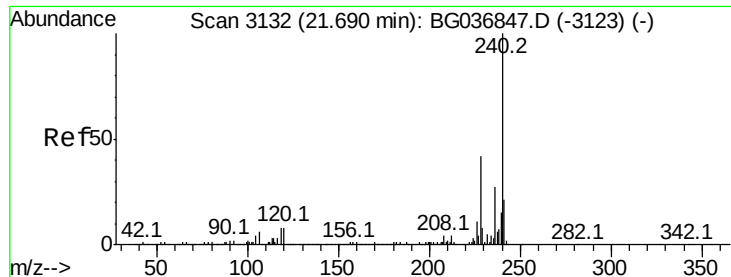


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E9-F9-E9A-F9A

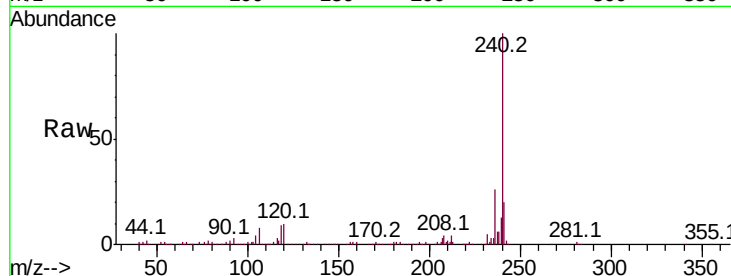
Tot Ion:240 Resp: 291213

Ion Ratio Lower Upper

240 100

120 10.0 6.9 10.3

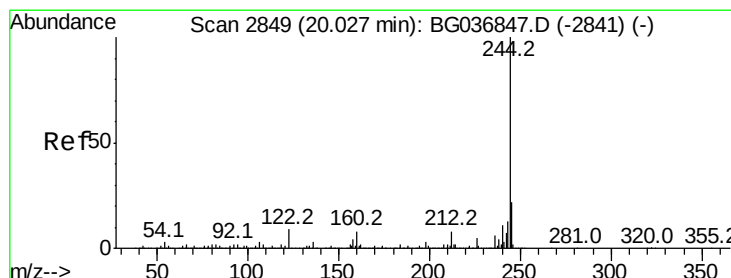
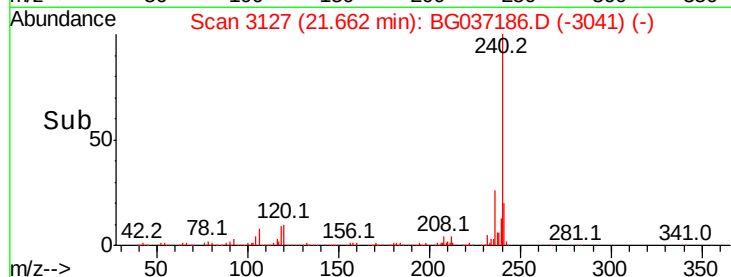
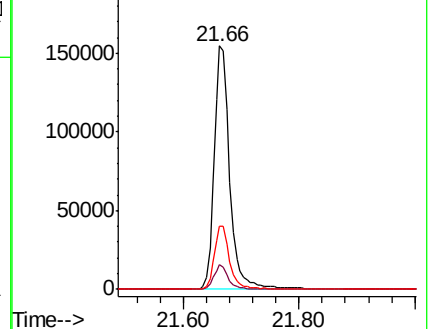
236 26.0 21.2 31.8



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: 68.884 ng

RT: 20.01 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BG037186.D

Acq: 5 Oct 2018 12:34

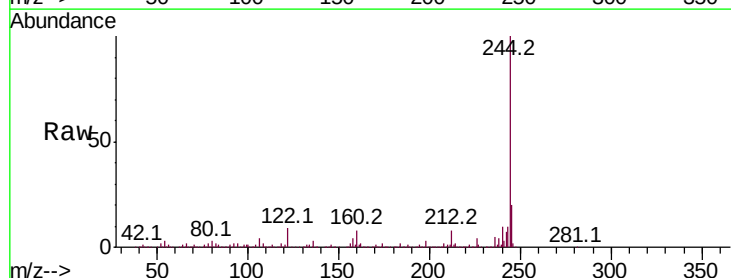
Tgt Ion:244 Resp: 762883

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

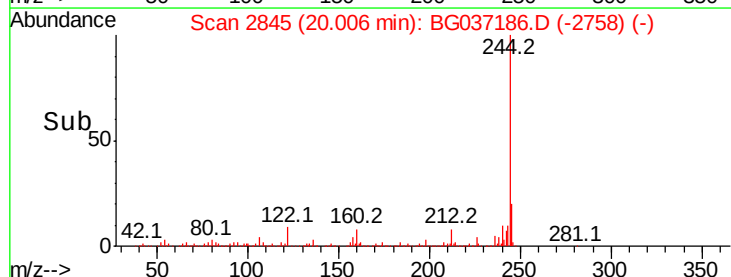
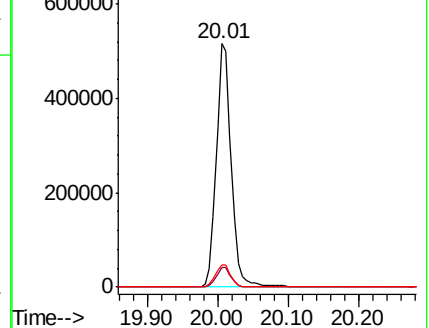
122 9.3 7.1 10.7

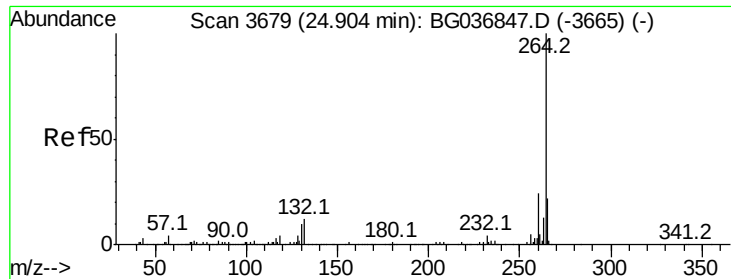


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.04 min
Lab File: BG037186.D
Acq: 5 Oct 2018 12:34

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E9-F9-E9A-F9A

Tot Ion: 264 Resp: 285370

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.1	17.4	26.0

