

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
 Data File : BG037228.D
 Acq On : 9 Oct 2018 22:04
 Operator : JU/SJ
 Sample : J5329-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POND-1

Quant Time: Oct 10 07:06:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	49789	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	194710	20.00	ng	0.00
38) Acenaphthene-d10	14.59	164	123730	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	312693	20.00	ng	0.00
75) Chrysene-d12	21.58	240	334193	20.00	ng	0.00
86) Perylene-d12	24.71	264	330506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	305597	117.71	ng	0.00
7) Phenol-d6	7.12	99	372824	92.82	ng	0.00
23) Nitrobenzene-d5	9.11	82	308652	84.89	ng	0.00
41) 2,4,6-Tribromophenol	16.07	330	191571	129.41	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	671187	80.79	ng	0.00
78) Terphenyl-d14	19.95	244	1189416	93.59	ng	0.00

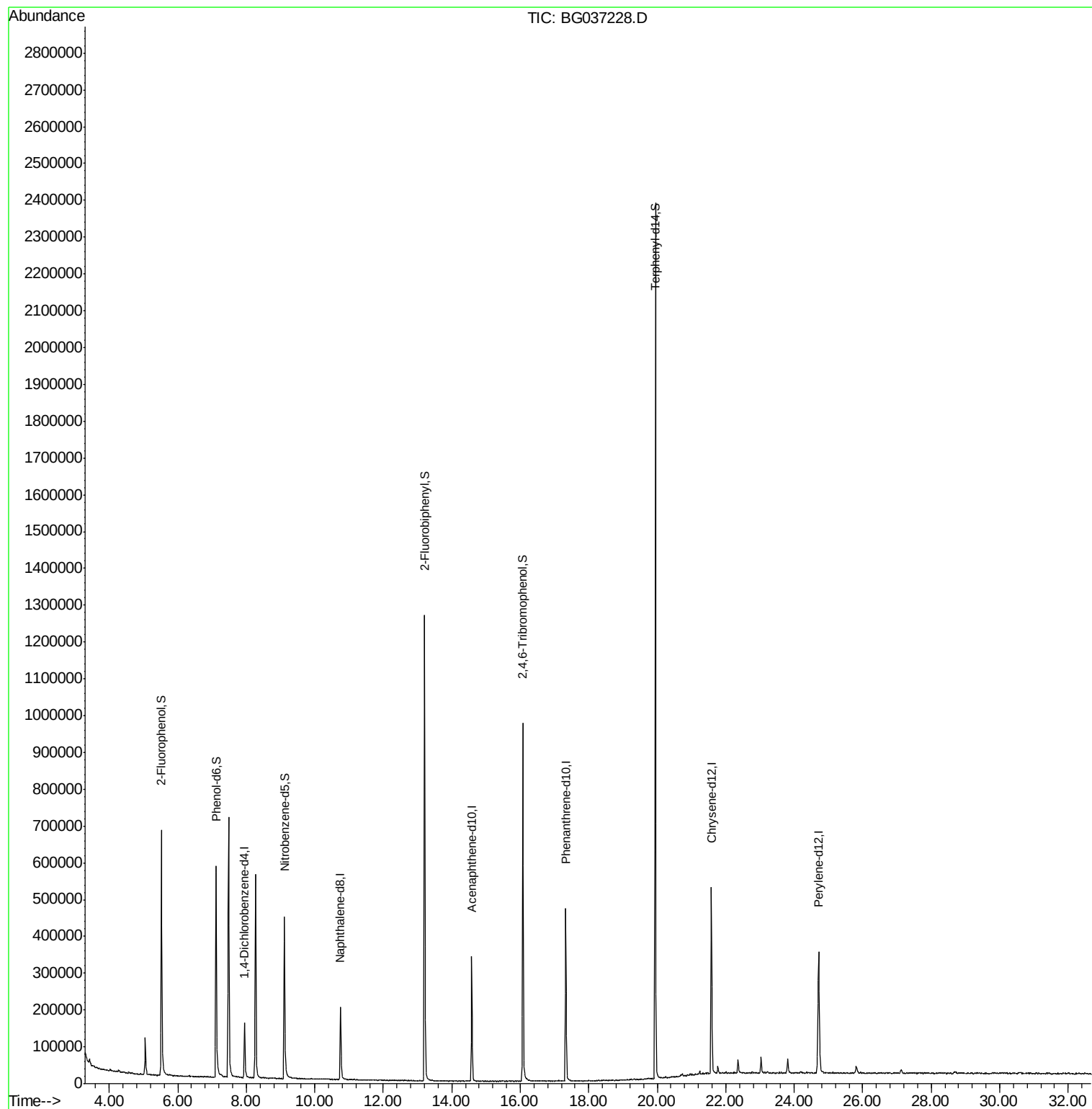
Target Compounds	Qvalue
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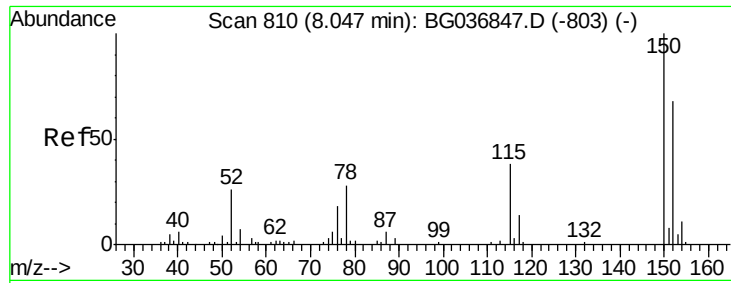
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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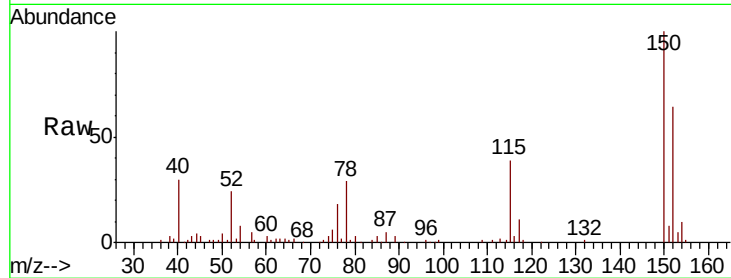


#1

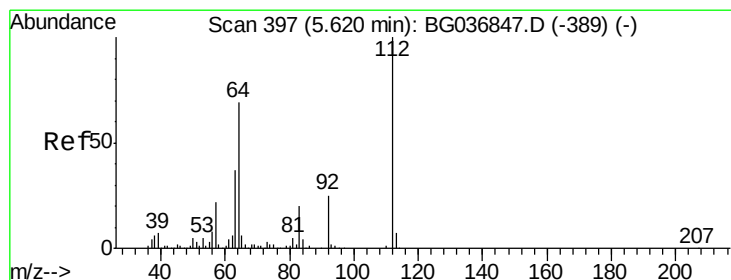
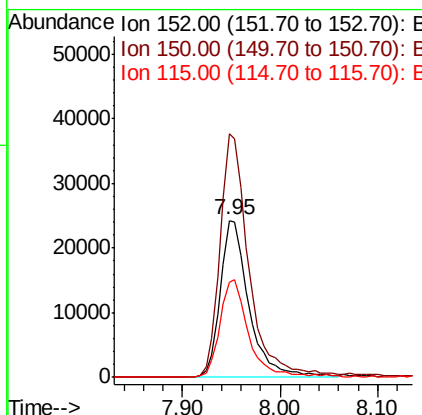
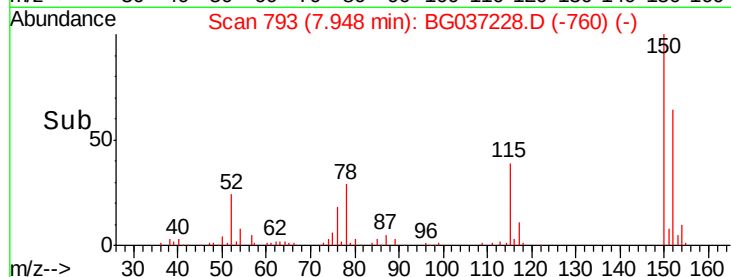
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.01 min
Lab File: BG037228.D
Acq: 9 Oct 2018 22:04

Instrument :
BNA_G
ClientSampleId :
POND-1

Tgt Ion:152 Resp: 49789
Ion Ratio Lower Upper
152 100
150 155.4 119.5 179.3
115 60.6 44.5 66.7



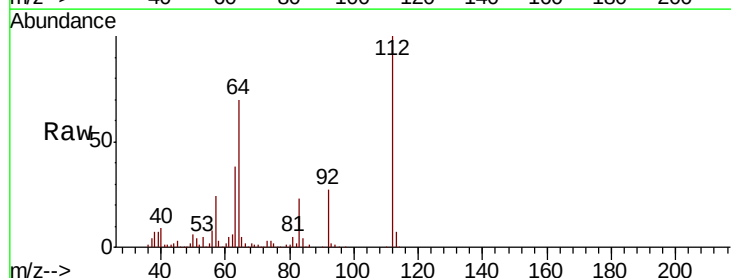
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



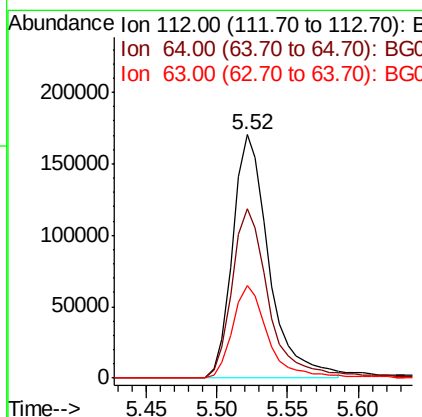
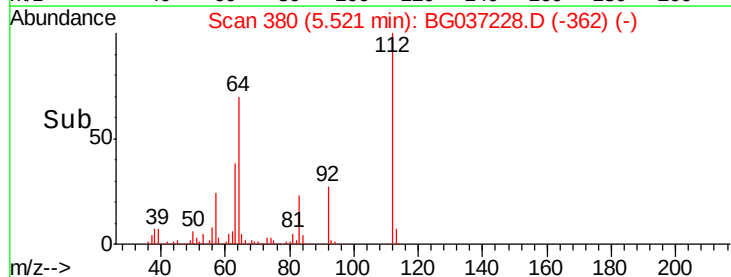
#5

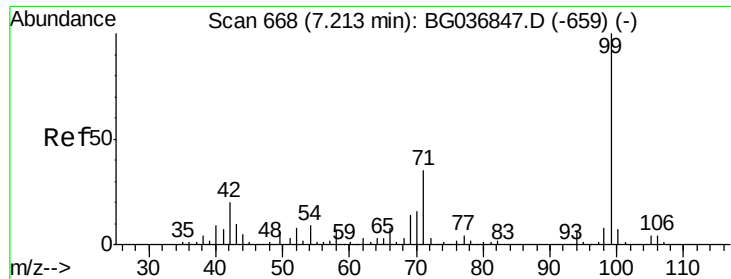
2-Fluorophenol
Concen: 117.710 ng
RT: 5.52 min Scan# 380
Delta R.T. 0.01 min
Lab File: BG037228.D
Acq: 9 Oct 2018 22:04

Tgt Ion:112 Resp: 305597
Ion Ratio Lower Upper
112 100
64 69.6 57.2 85.8
63 38.0 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 92.818 ng

RT: 7.12 min Scan# 652

Delta R.T. 0.01 min

Lab File: BG037228.D

Acq: 9 Oct 2018 22:04

Instrument :

BNA_G

ClientSampled :

POND-1

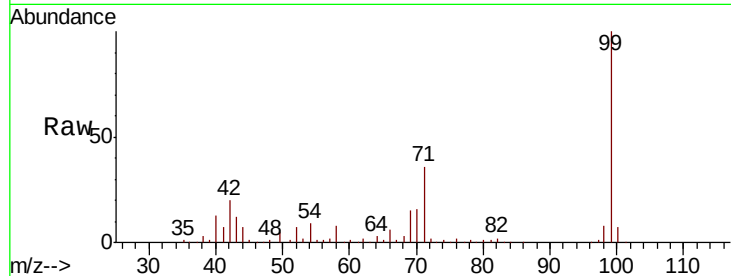
Tgt Ion: 99 Resp: 372824

Ion Ratio Lower Upper

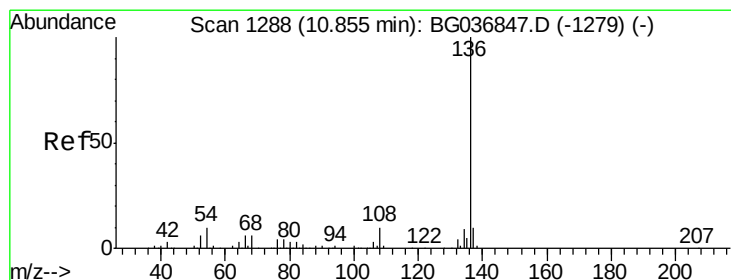
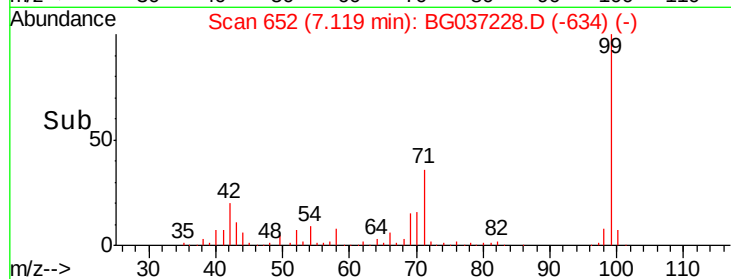
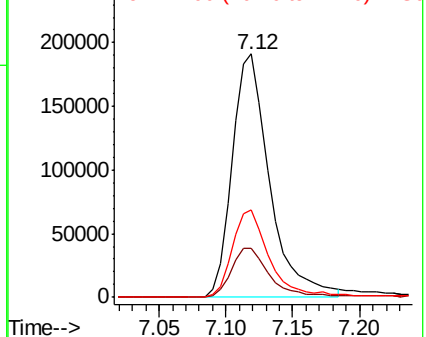
99 100

42 20.2 16.5 24.7

71 36.2 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: 10.76 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BG037228.D

Acq: 9 Oct 2018 22:04

Tgt Ion: 136 Resp: 194710

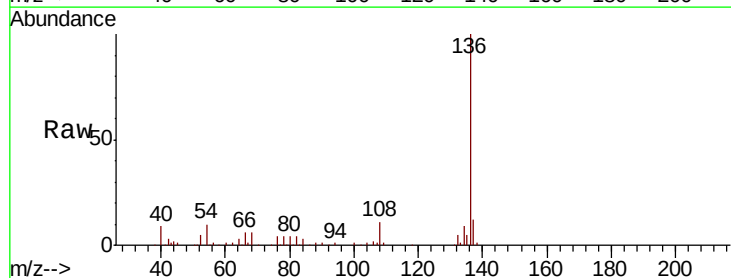
Ion Ratio Lower Upper

136 100

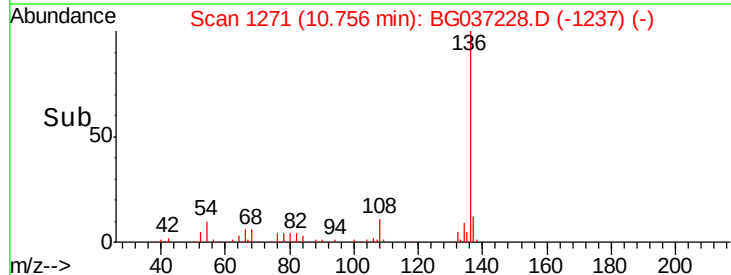
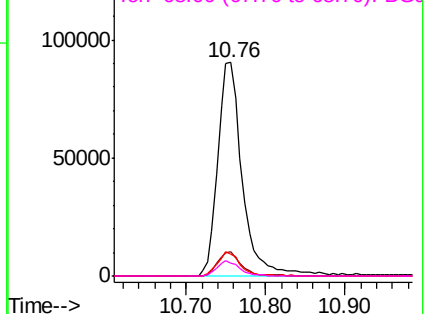
137 11.7 8.8 13.2

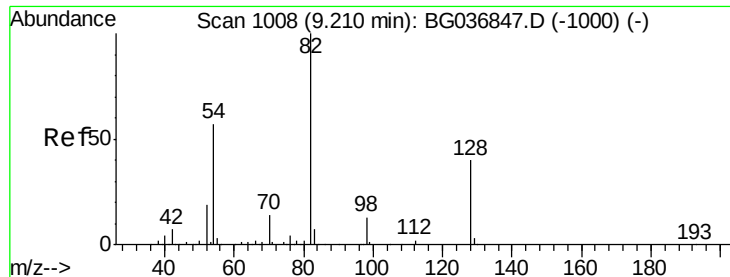
54 10.2 9.2 13.8

68 6.0 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

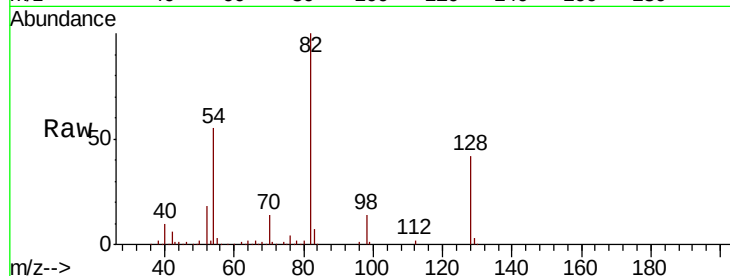




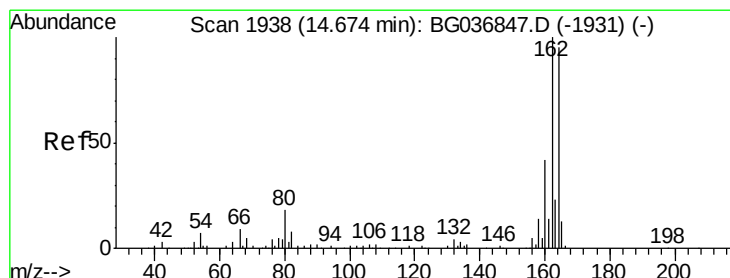
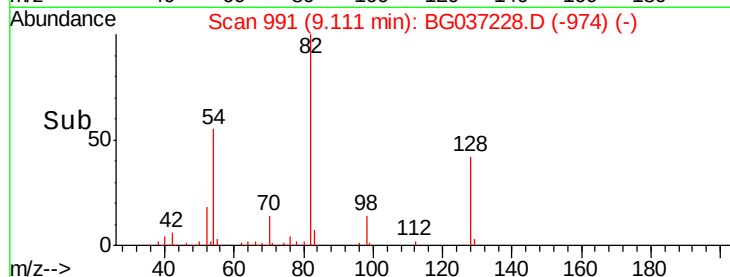
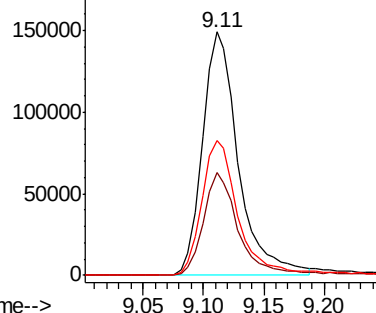
#23
Nitrobenzene-d5
Concen: 84.888 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG037228.D
Acq: 9 Oct 2018 22:04

Instrument :
BNA_G
ClientSampleId :
POND-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	55.3	45.1	67.7

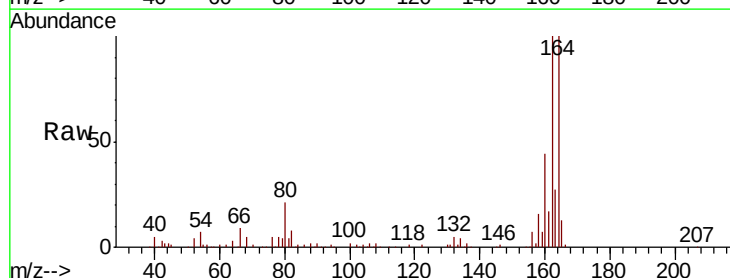


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

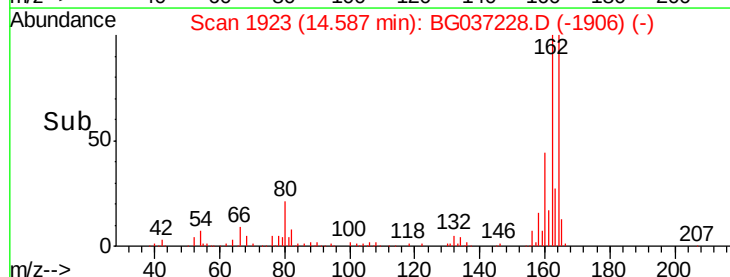
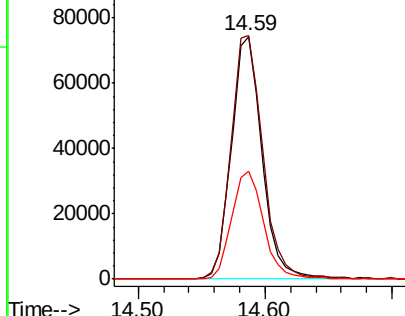


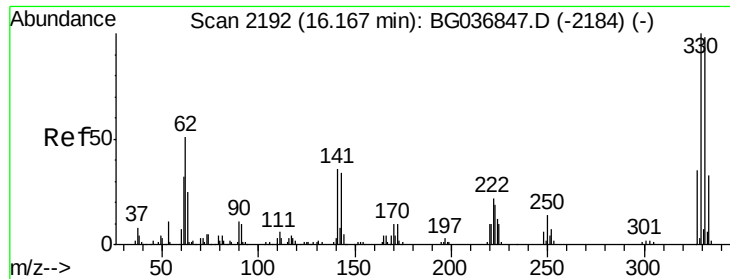
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BG037228.D
Acq: 9 Oct 2018 22:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.7	121.1
160	44.3	35.3	52.9



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

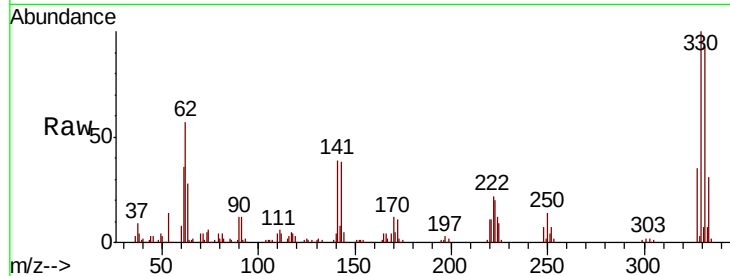




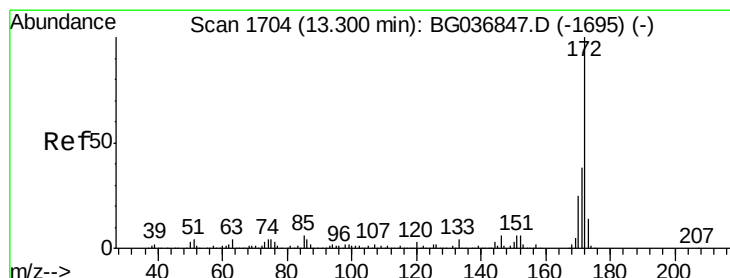
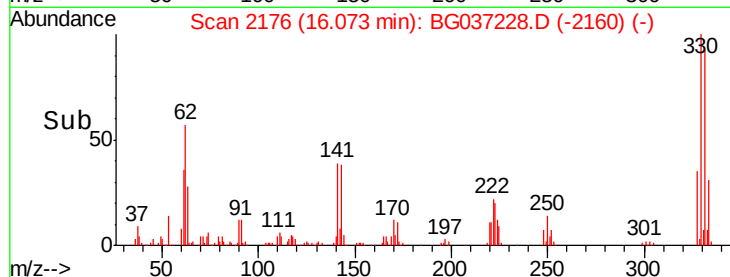
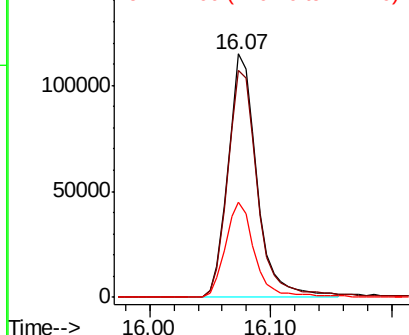
#41
 2,4,6-Tribromophenol
 Concen: 129.409 ng
 RT: 16.07 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG037228.D
 Acq: 9 Oct 2018 22:04

Instrument :
 BNA_G
 ClientSampled :
 POND-1

Tgt Ion:330 Resp: 191571
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.2
 141 39.3 30.7 46.1

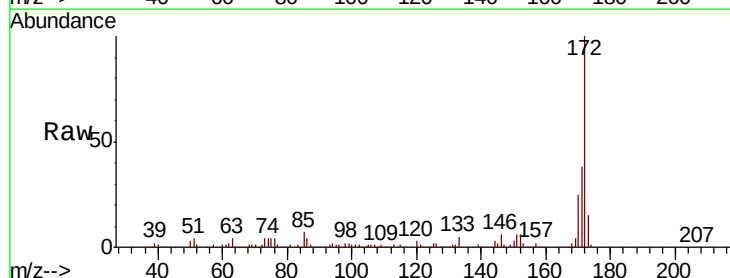


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

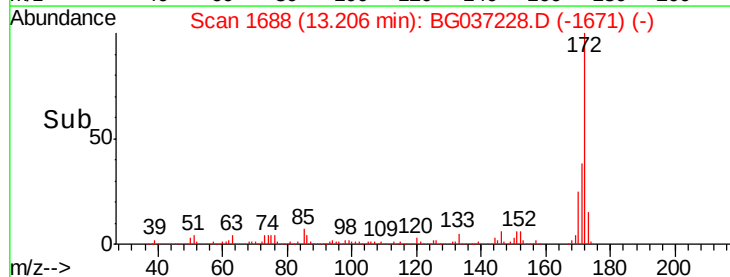
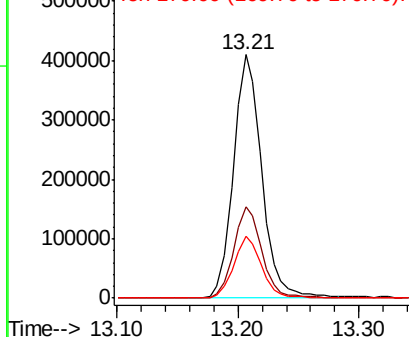


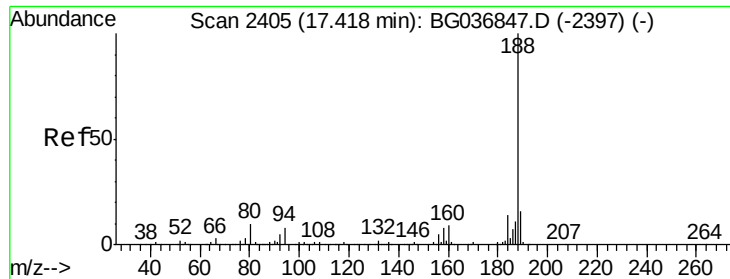
#44
 2-Fluorobiphenyl
 Concen: 80.794 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG037228.D
 Acq: 9 Oct 2018 22:04

Tgt Ion:172 Resp: 671187
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.3 46.9
 170 25.4 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

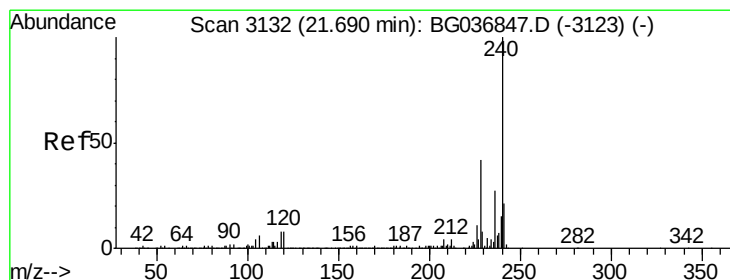
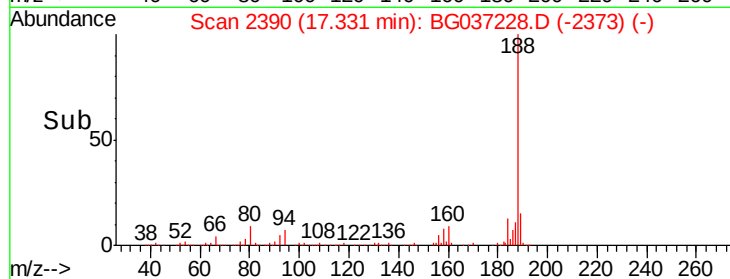
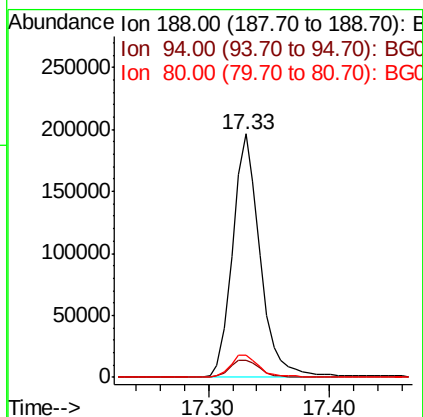
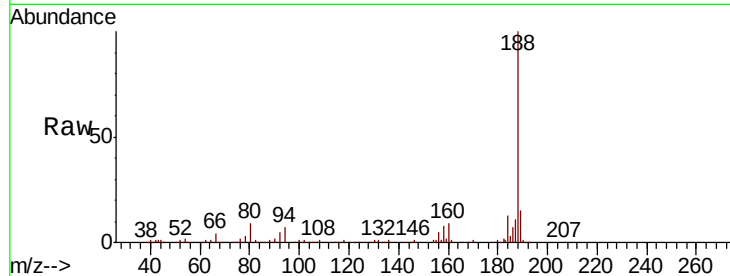




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BG037228.D
Acq: 9 Oct 2018 22:04

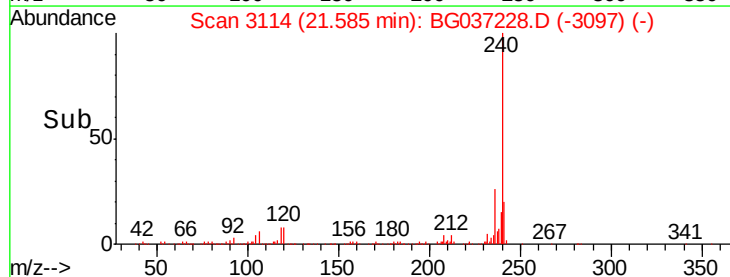
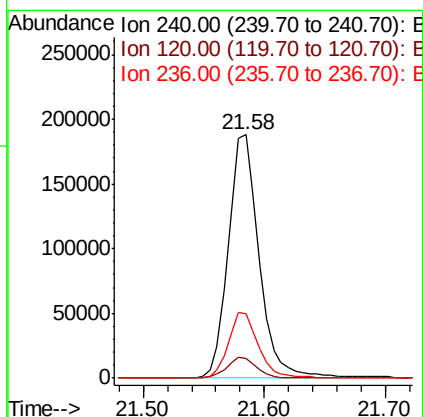
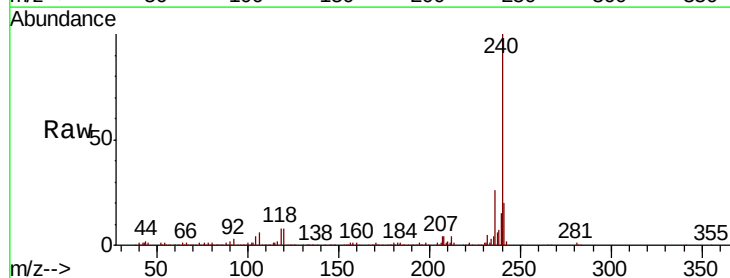
Instrument :
BNA_G
ClientSampled :
POND-1

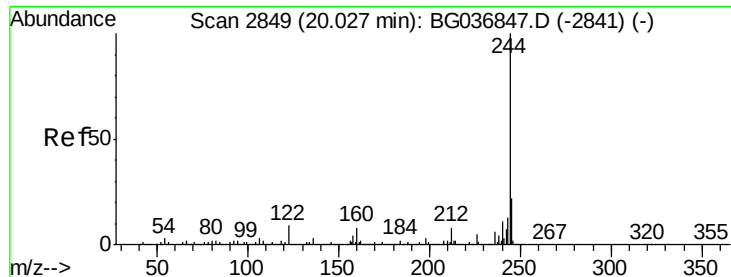
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	9.2	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG037228.D
Acq: 9 Oct 2018 22:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	26.2	21.2	31.8





#78

Terphenyl-d14

Concen: 93.585 ng

RT: 19.95 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG037228.D

Acq: 9 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

POND-1

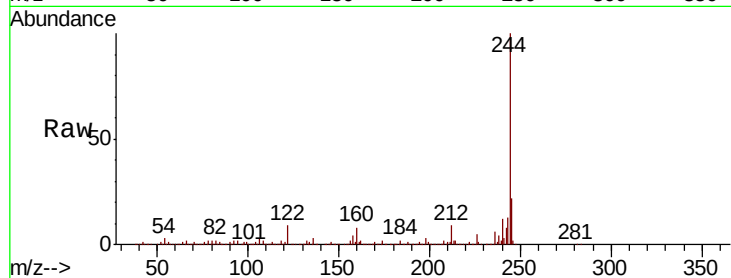
Tgt Ion:244 Resp: 1189416

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

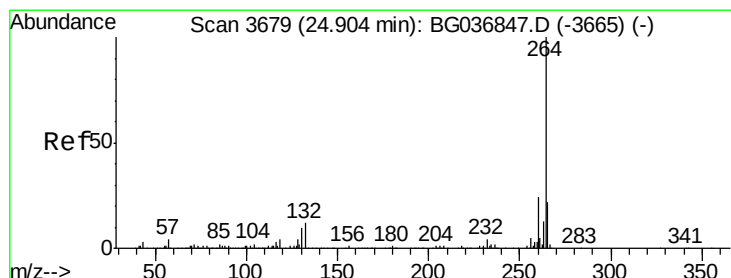
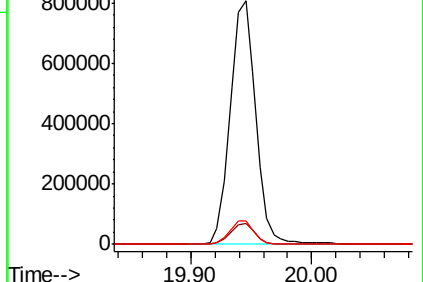
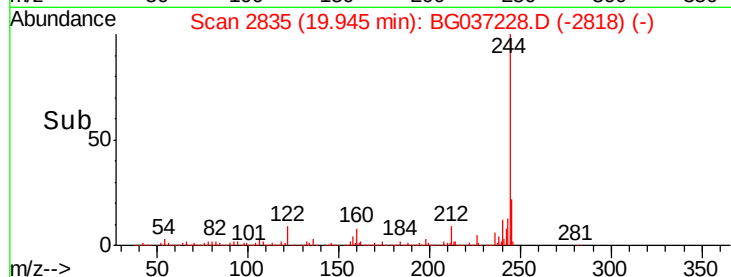
122 9.4 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.01 min

Lab File: BG037228.D

Acq: 9 Oct 2018 22:04

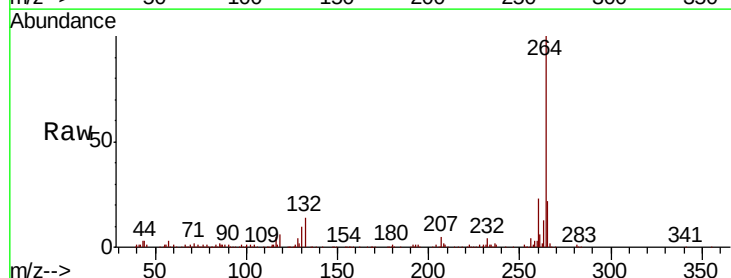
Tgt Ion:264 Resp: 330506

Ion Ratio Lower Upper

264 100

260 22.6 19.6 29.4

265 22.0 17.4 26.0



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

