

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035714.D
 Acq On : 18 Jul 2018 12:19
 Operator : JU/SJ
 Sample : PB111140BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111140BL

Quant Time: Jul 18 13:03:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45926	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	166309	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	118635	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	349910	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	425451	20.00	ng	-0.02
86) Perylene-d12	24.88	264	401449	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	423299	153.02	ng	-0.01
7) Phenol-d6	7.21	99	590317	143.03	ng	0.00
23) Nitrobenzene-d5	9.20	82	383150	96.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	260588	166.65	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	878067	99.16	ng	-0.02
78) Terphenyl-d14	20.01	244	1859412	96.34	ng	-0.01

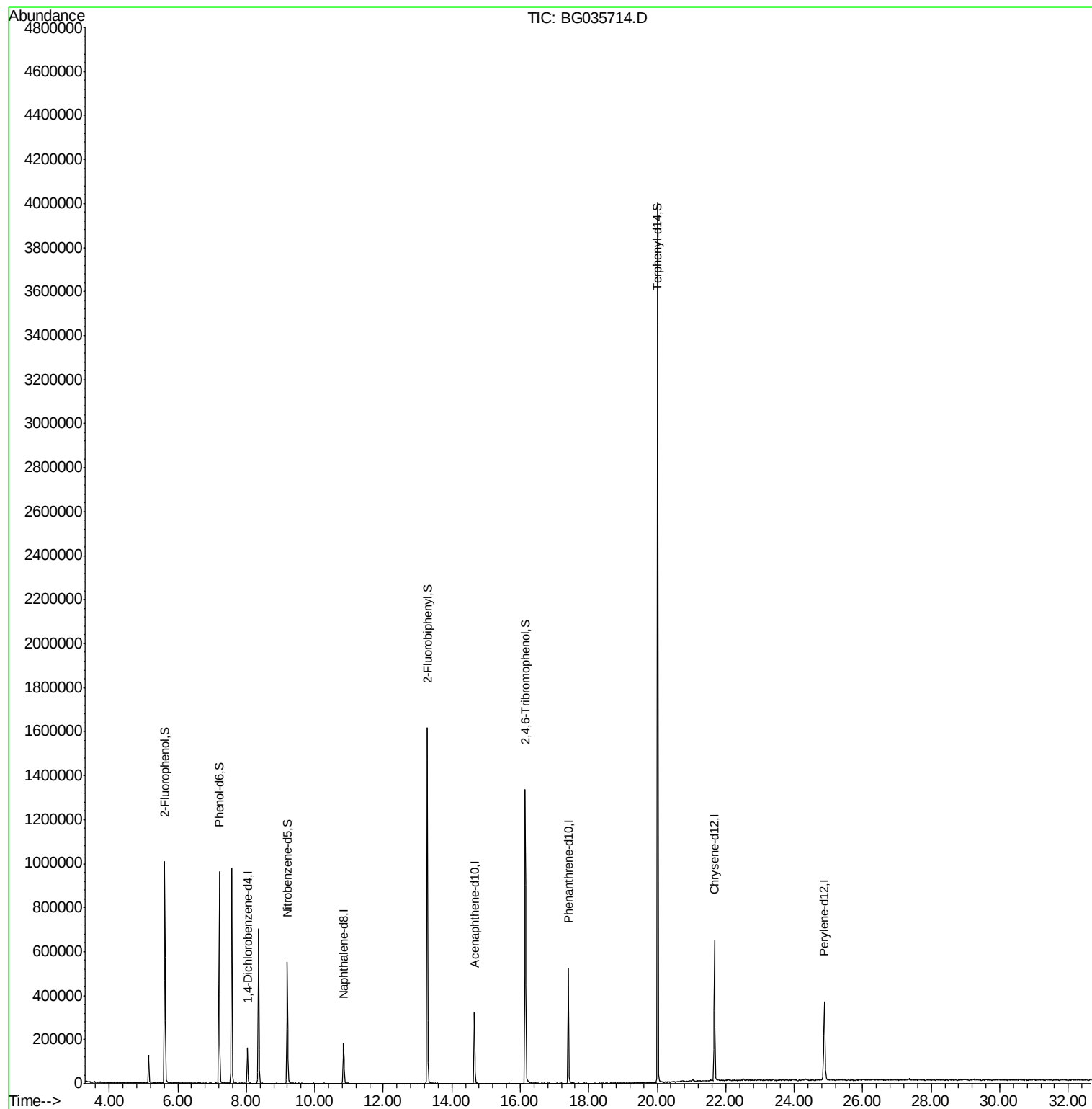
Target Compounds Qvalue

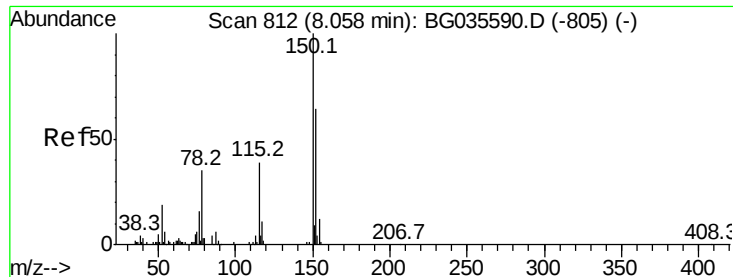
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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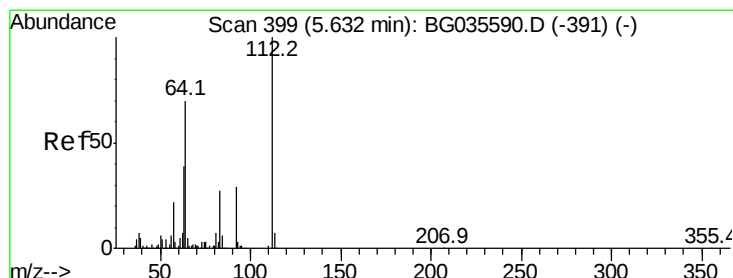
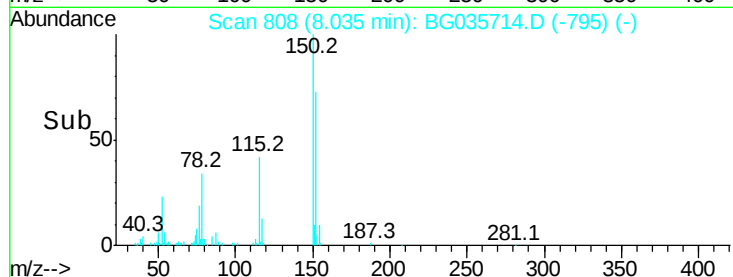
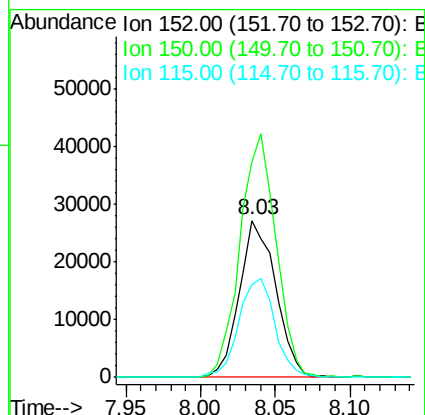
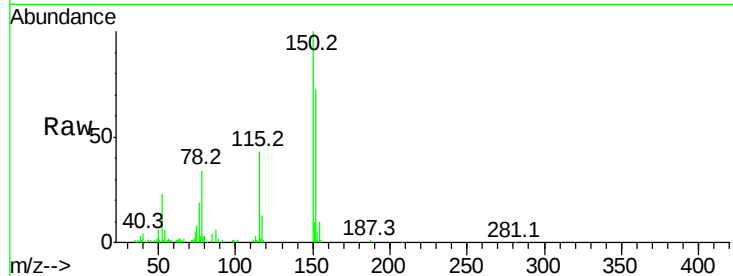


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG035714.D
Acq: 18 Jul 2018 12:19

Instrument :
BNA_G
ClientSampleId :
PB111140BL

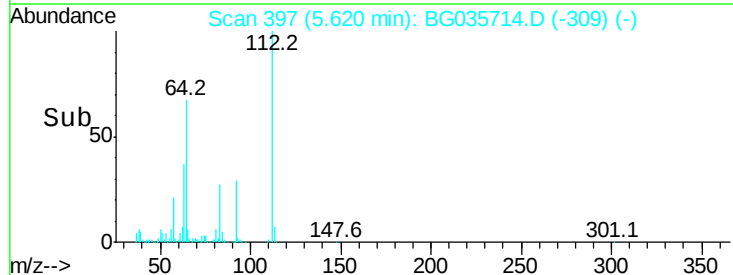
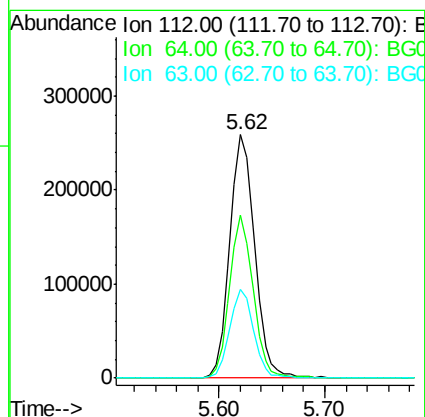
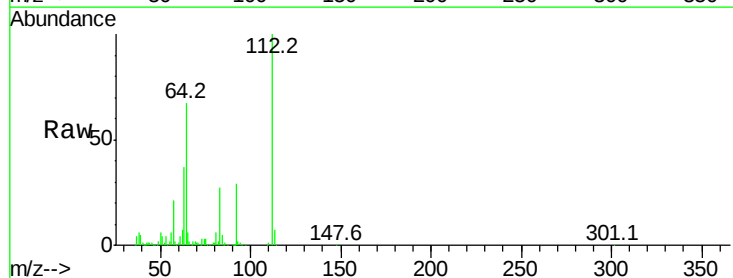
Tot Ion	Ratio	Lower	Upper
152	100		
150	137.2	126.6	189.8
115	58.8	53.0	79.4

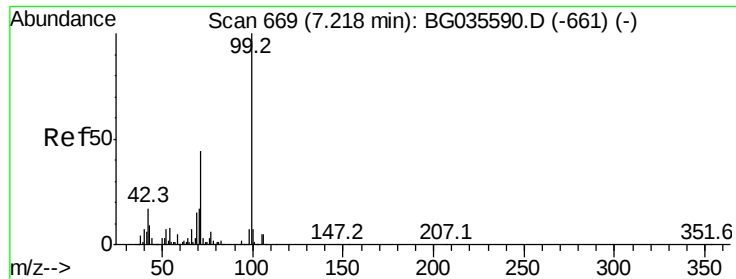


#5

2-Fluorophenol
Concen: 153.024 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG035714.D
Acq: 18 Jul 2018 12:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.3	84.5
63	36.5	30.1	45.1





#7

Phenol-d6

Concen: 143.031 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035714.D

Acq: 18 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111140BL

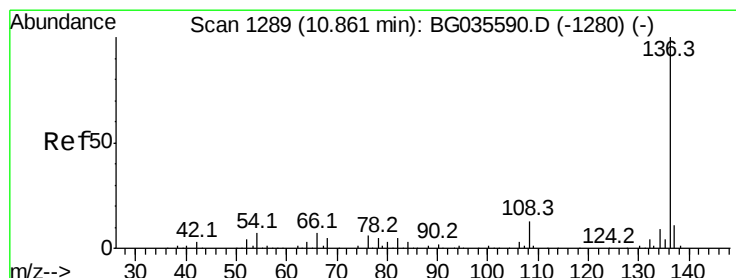
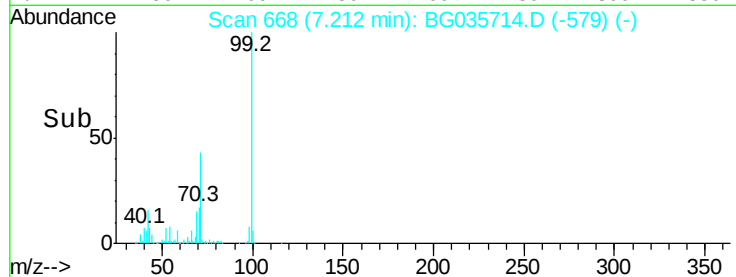
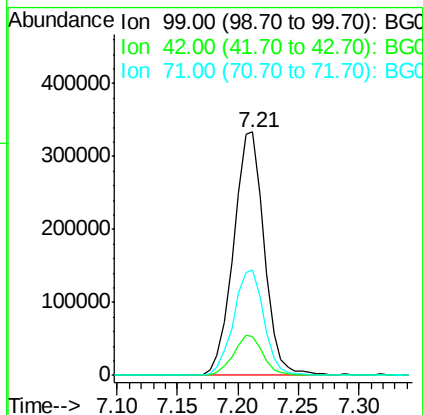
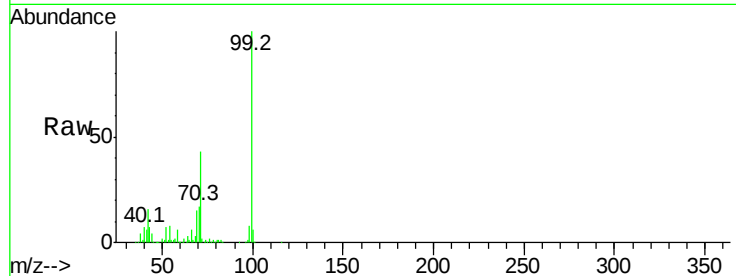
Tot Ion: 99 Resp: 590317

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 43.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035714.D

Acq: 18 Jul 2018 12:19

Tgt Ion: 136 Resp: 166309

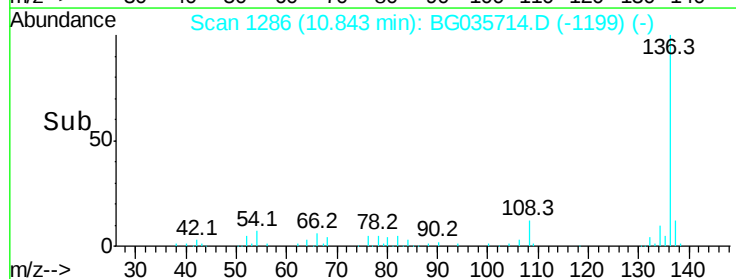
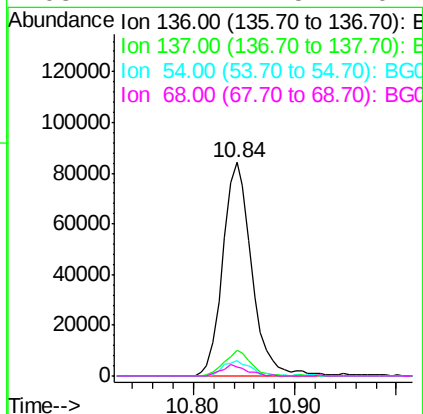
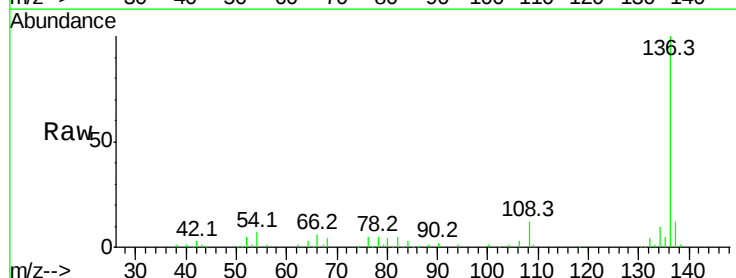
Ion Ratio Lower Upper

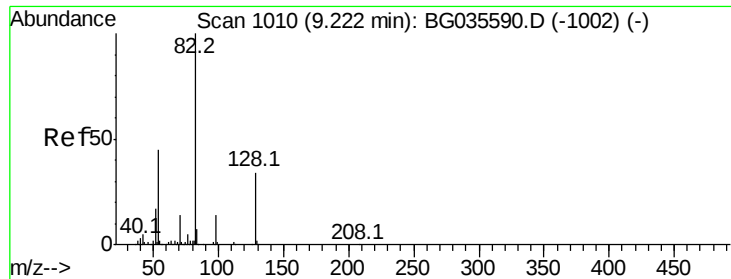
136 100

137 11.8 9.2 13.8

54 7.1 10.3 15.5#

68 4.4 4.5 6.7#

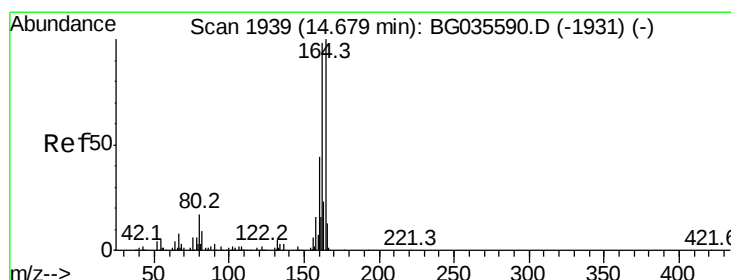
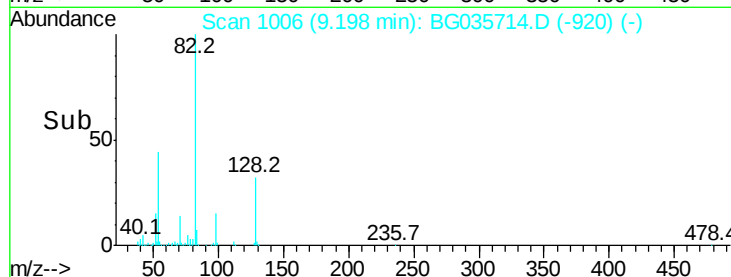
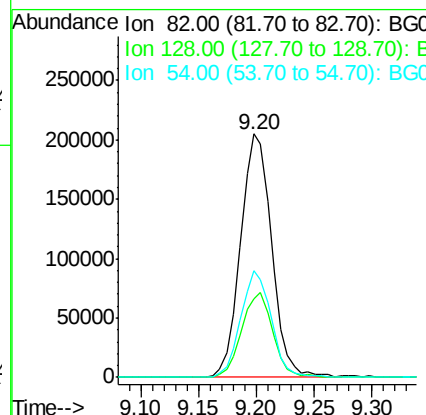
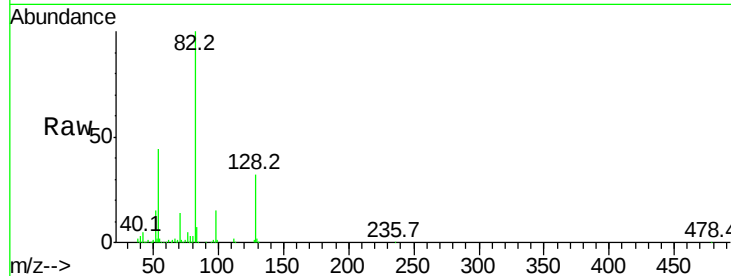




#23
 Nitrobenzene-d5
 Concen: 96.242 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BG035714.D
 Acq: 18 Jul 2018 12:19

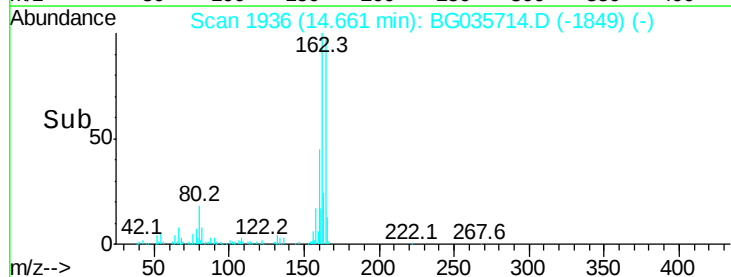
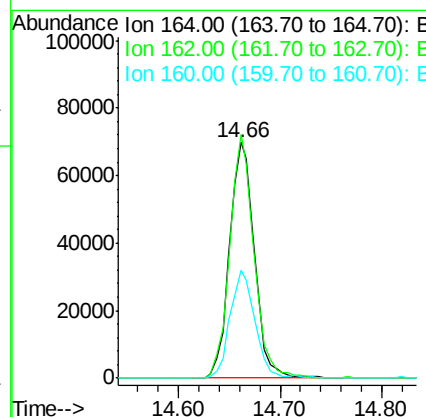
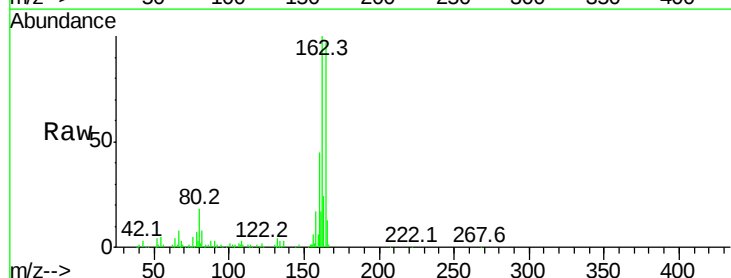
Instrument :
 BNA_G
 ClientSampled :
 PB111140BL

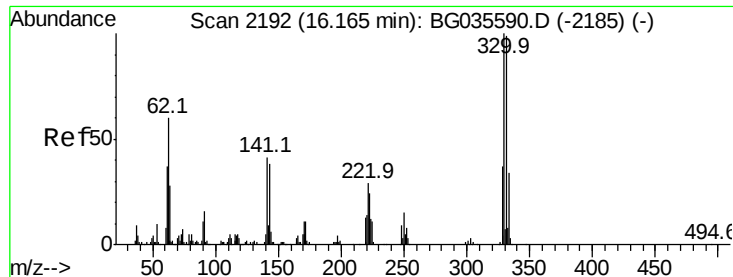
Tot Ion	82	Resp	383150
Ion Ratio	Lower	Upper	
82	100		
128	32.4	29.7	44.5
54	43.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BG035714.D
 Acq: 18 Jul 2018 12:19

Tgt Ion	164	Resp	118635
Ion Ratio	Lower	Upper	
164	100		
162	103.3	78.8	118.2
160	46.0	35.4	53.0

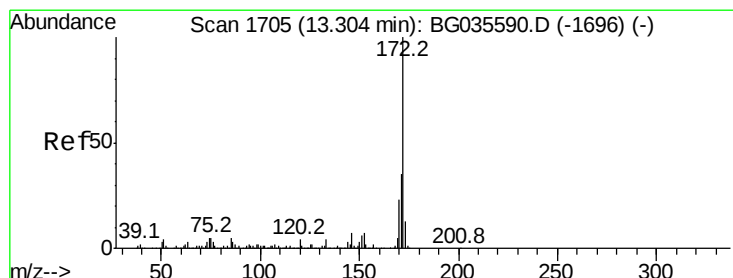
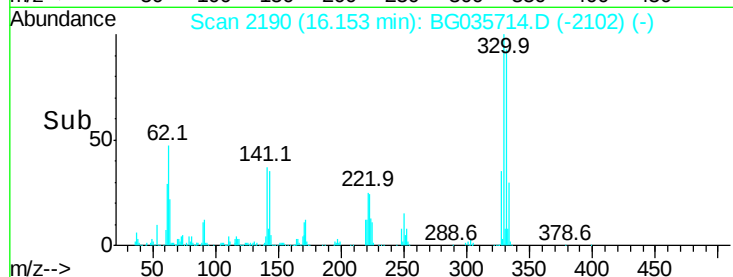
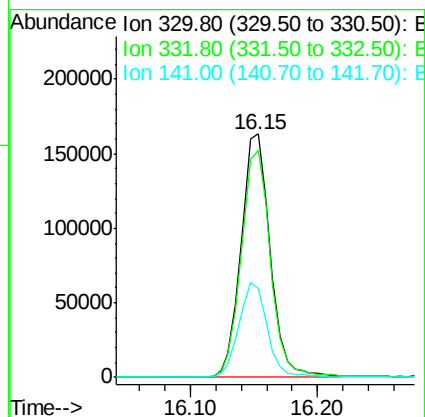
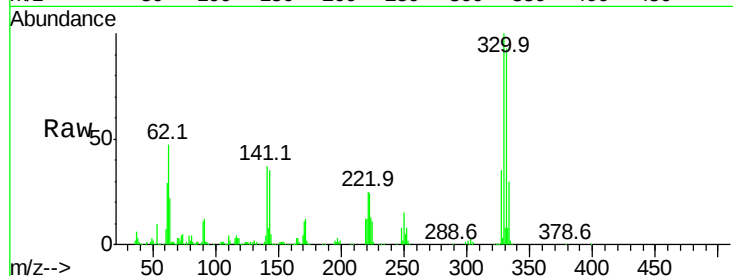




#41
 2,4,6-Tribromophenol
 Concen: 166.650 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG035714.D
 Acq: 18 Jul 2018 12:19

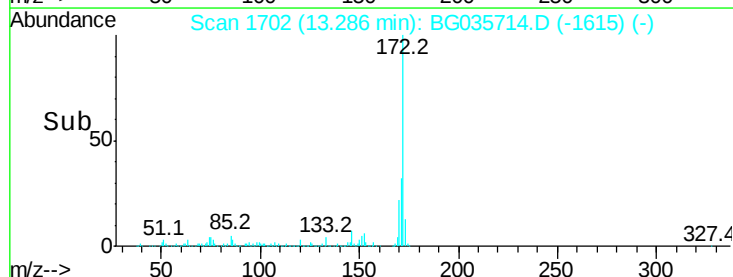
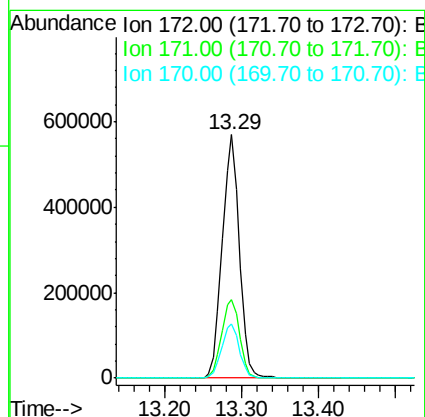
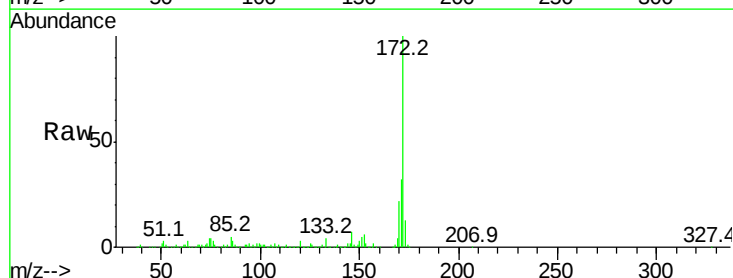
Instrument :
 BNA_G
 ClientSampleId :
 PB111140BL

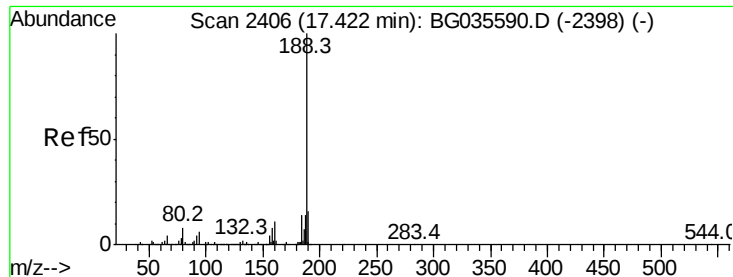
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	38.5	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.160 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035714.D
 Acq: 18 Jul 2018 12:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.3	30.0	45.0
170	22.5	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2403

Delta R.T. -0.02 min

Lab File: BG035714.D

Acq: 18 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111140BL

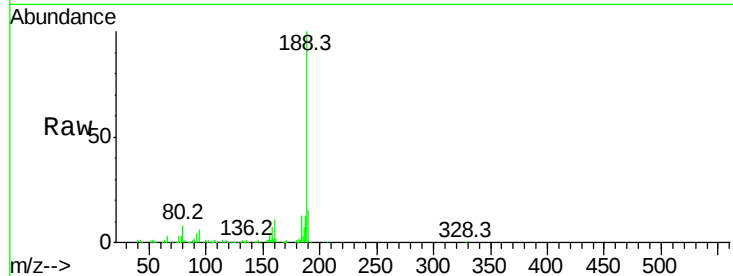
Tot Ion:188 Resp: 349910

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

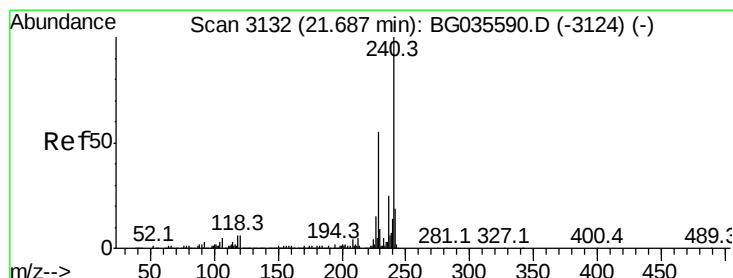
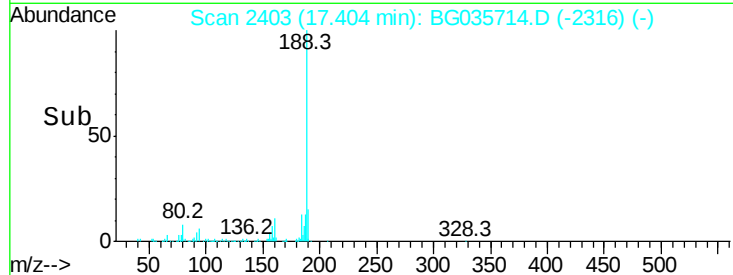
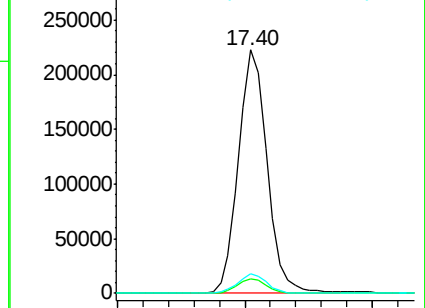
80 8.1 7.7 11.5



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: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035714.D

Acq: 18 Jul 2018 12:19

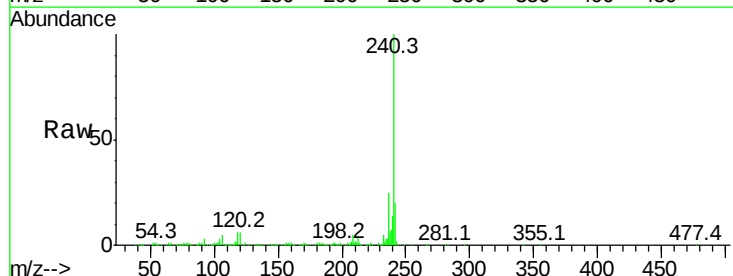
Tgt Ion:240 Resp: 425451

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

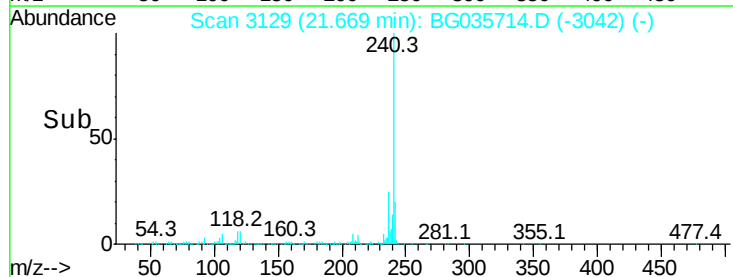
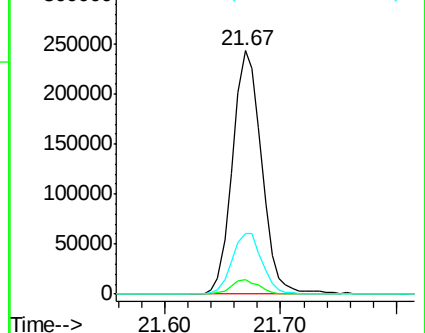
236 25.0 20.9 31.3

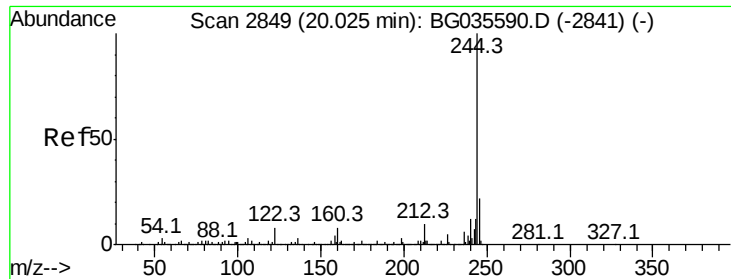


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.338 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035714.D

Acq: 18 Jul 2018 12:19

Instrument :

BNA_G

ClientSampleId :

PB111140BL

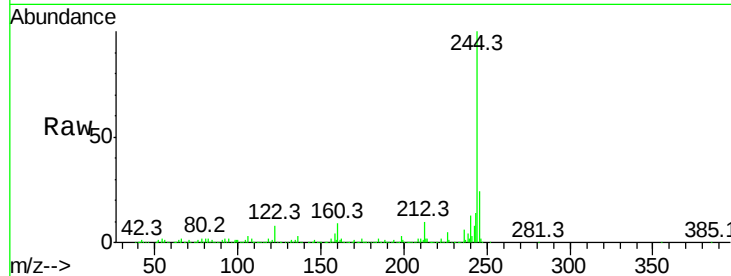
Tot Ion:244 Resp: 1859412

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

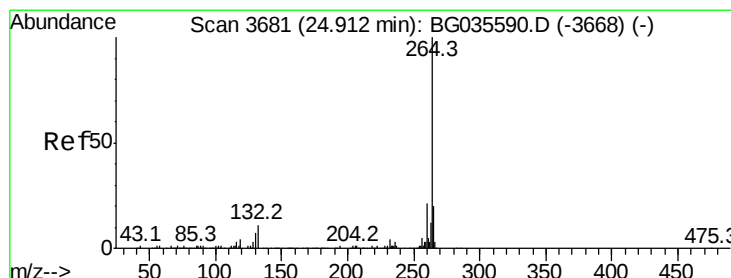
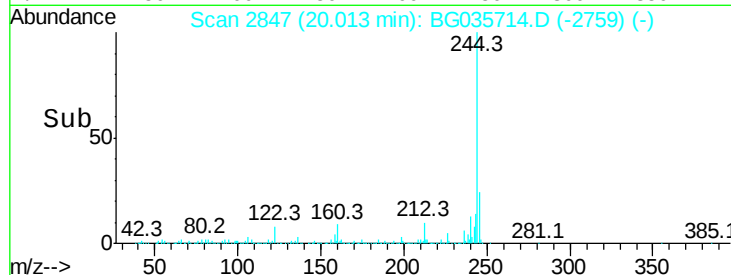
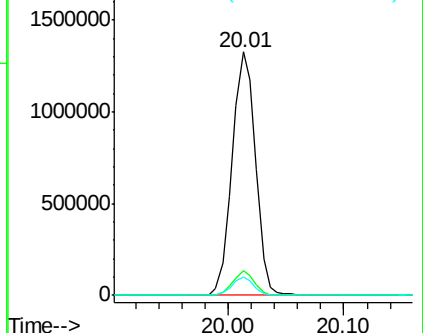
122 7.6 7.0 10.4



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: 24.88 min Scan# 3675

Delta R.T. -0.04 min

Lab File: BG035714.D

Acq: 18 Jul 2018 12:19

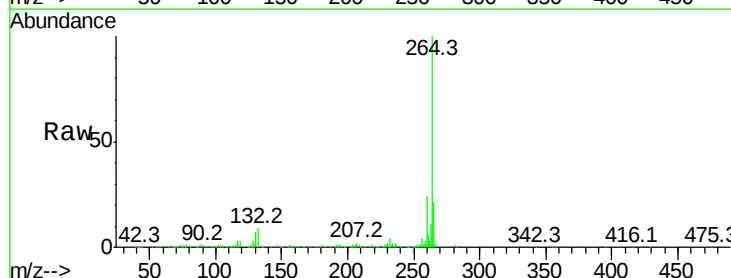
Tgt Ion:264 Resp: 401449

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.1 17.7 26.5



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

