

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035970.D
 Acq On : 30 Jul 2018 11:10
 Operator : JU/SJ
 Sample : PB111535BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111535BL

Quant Time: Jul 30 11:53:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29029	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	103273	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	80662	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	241733	20.00	ng	0.00
75) Chrysene-d12	21.66	240	266498	20.00	ng	0.00
86) Perylene-d12	24.85	264	245267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	239074	136.73	ng	0.00
7) Phenol-d6	7.19	99	336791	129.10	ng	0.00
23) Nitrobenzene-d5	9.19	82	214660	86.83	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	143720	135.18	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	540587	89.79	ng	0.00
78) Terphenyl-d14	19.99	244	1175510	97.23	ng	0.00

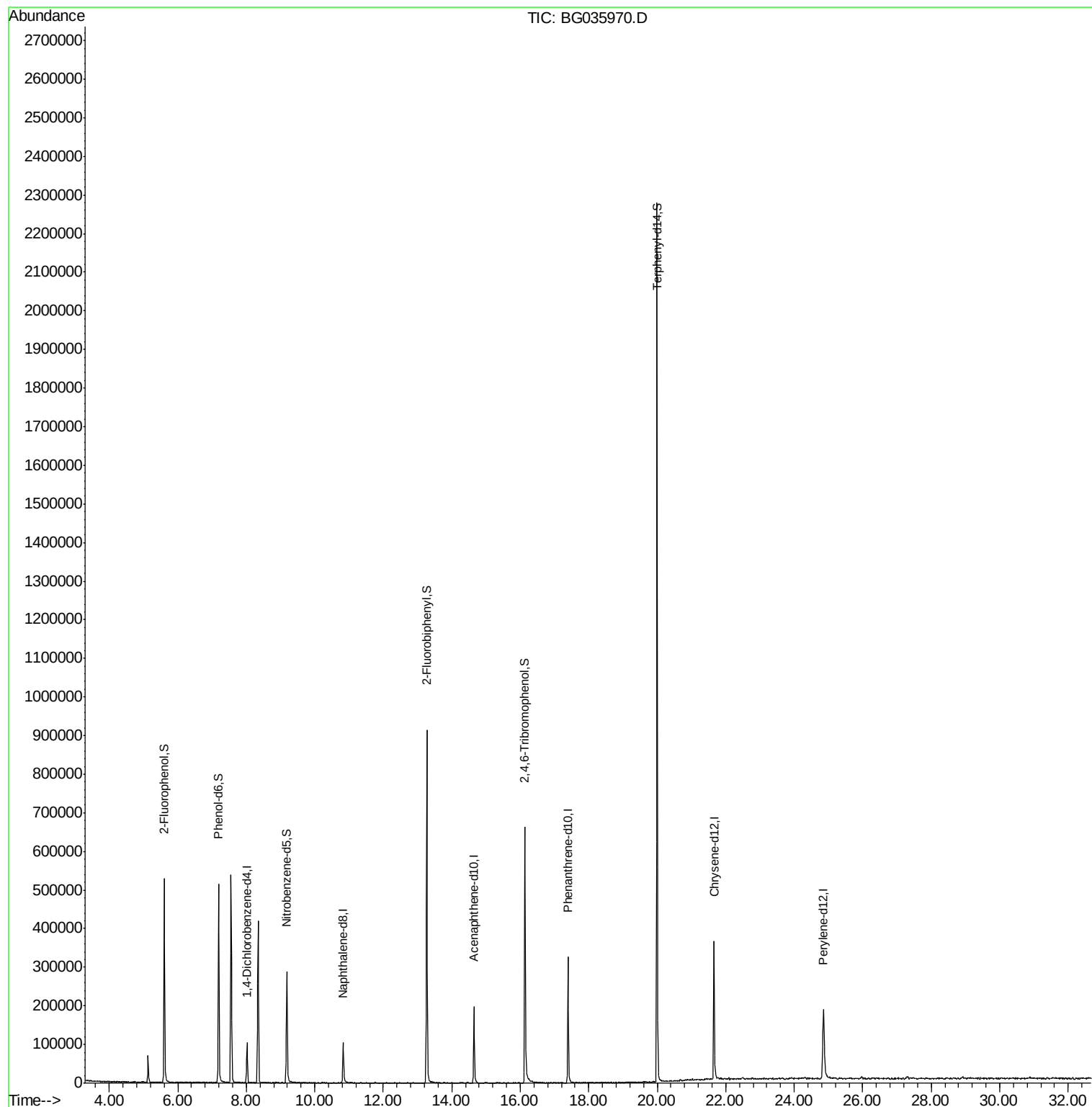
Target Compounds Qvalue

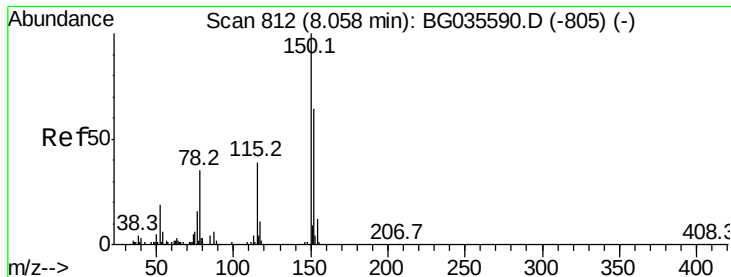
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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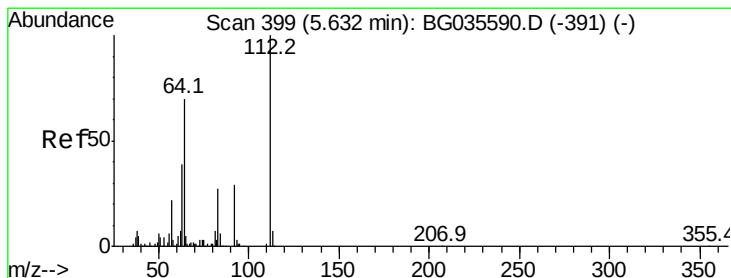
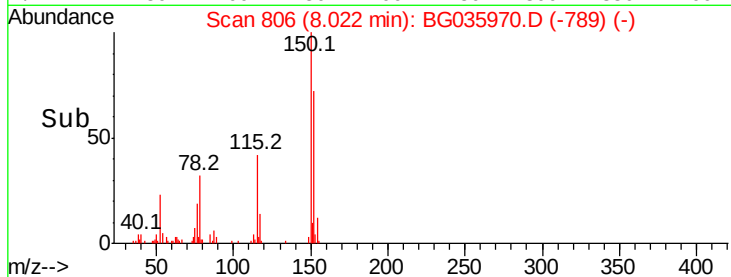
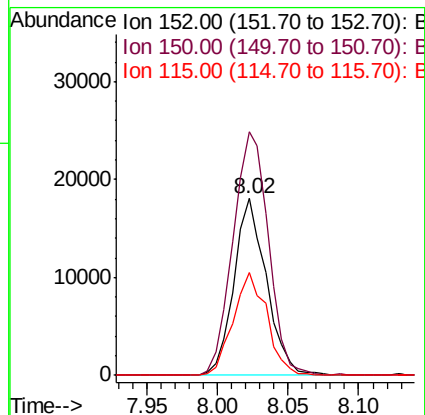
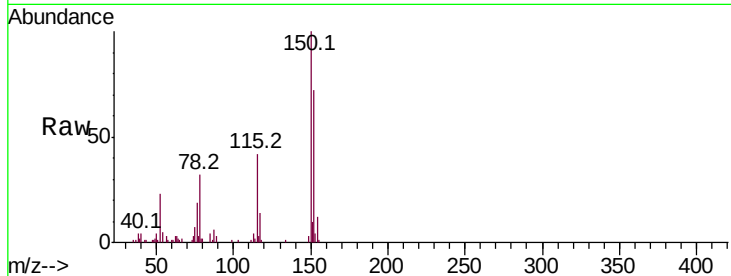


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035970.D
Acq: 30 Jul 2018 11:10

Instrument :
BNA_G
ClientSampleId :
PB111535BL

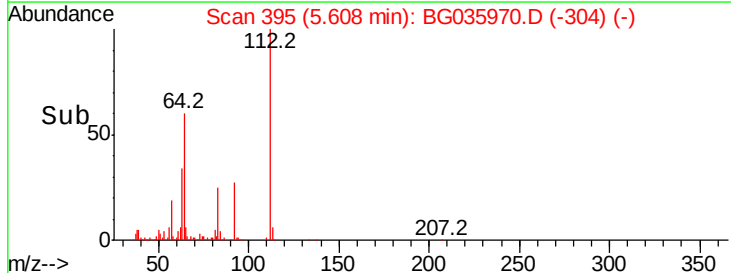
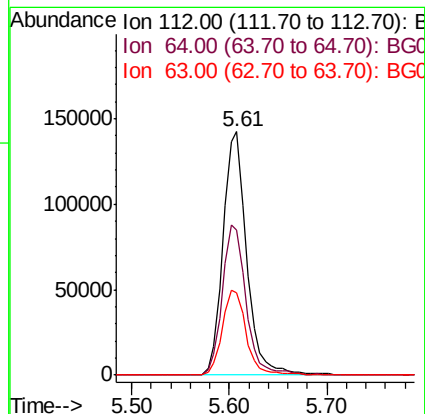
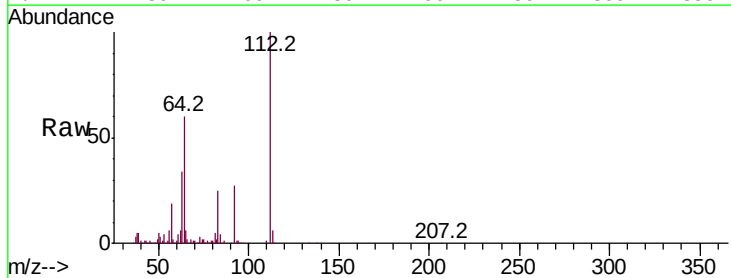
Tot Ion	Ratio	Lower	Upper
152	100		
150	137.9	126.6	189.8
115	58.3	53.0	79.4

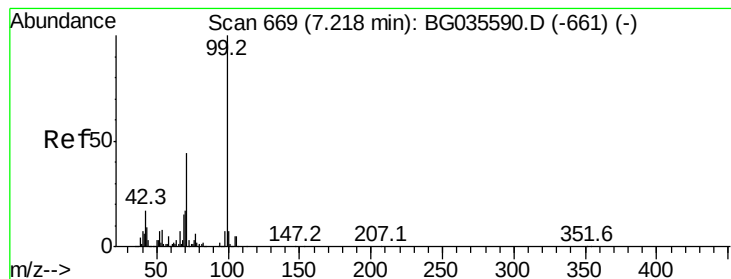


#5

2-Fluorophenol
Concen: 136.732 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035970.D
Acq: 30 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	56.3	84.5
63	34.0	30.1	45.1





#7

Phenol-d6

Concen: 129.102 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035970.D

Acq: 30 Jul 2018 11:10

Instrument :

BNA_G

ClientSampleId :

PB111535BL

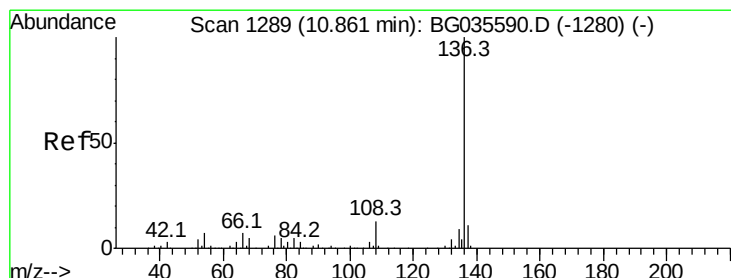
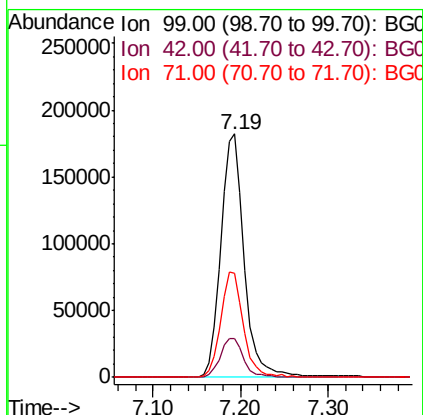
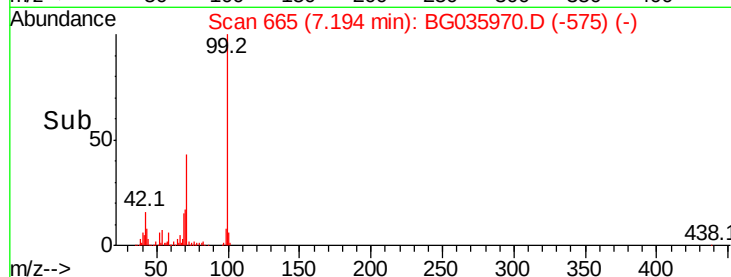
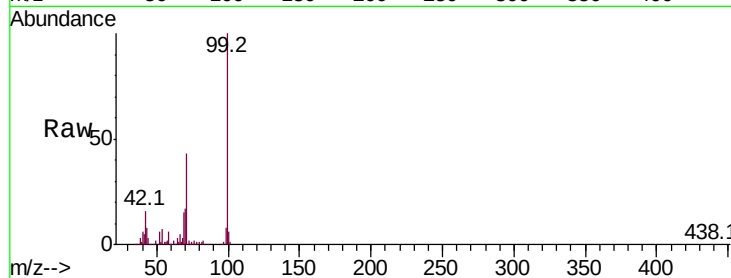
Tot Ion: 99 Resp: 336791

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 42.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035970.D

Acq: 30 Jul 2018 11:10

Tgt Ion: 136 Resp: 103273

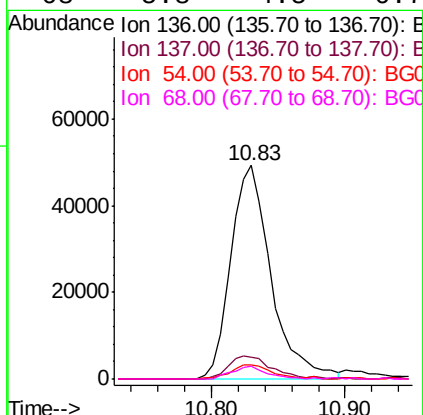
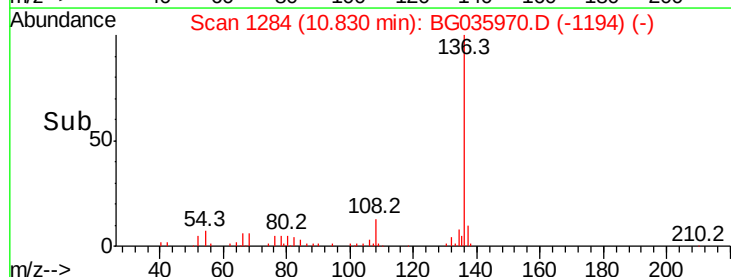
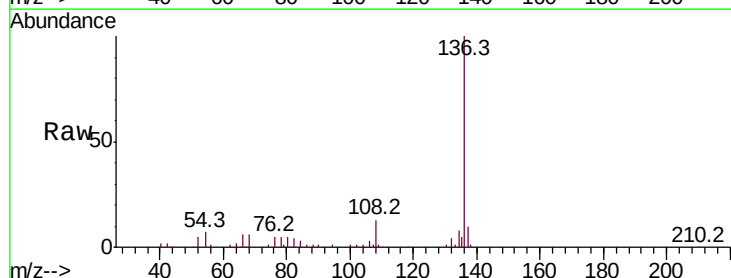
Ion Ratio Lower Upper

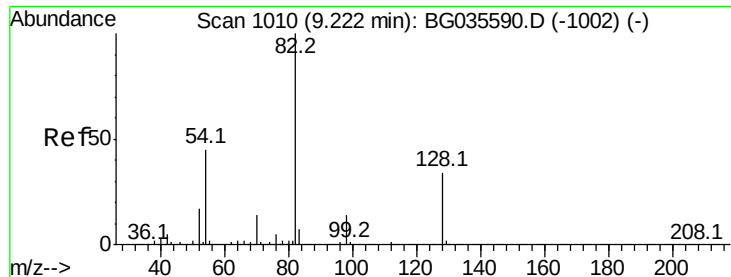
136 100

137 10.4 9.2 13.8

54 6.6 10.3 15.5#

68 5.8 4.5 6.7

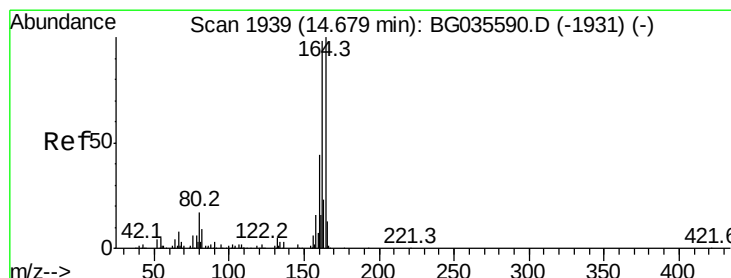
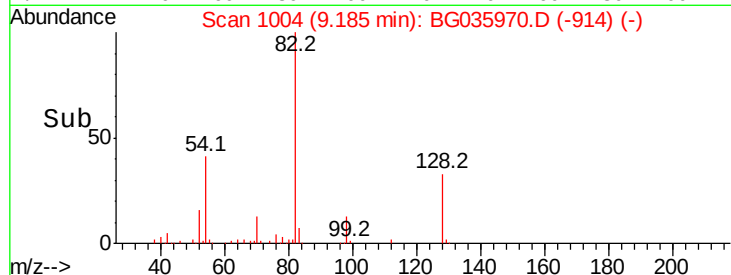
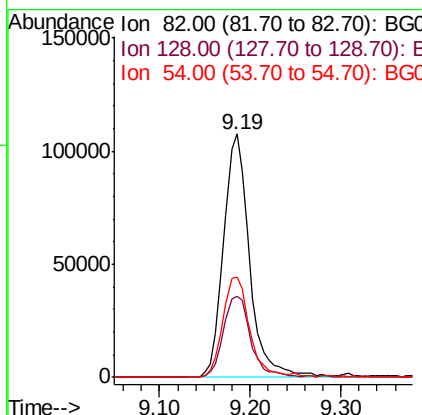
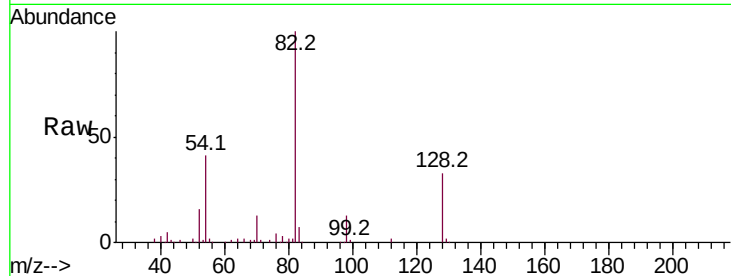




#23
 Nitrobenzene-d5
 Concen: 86.832 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

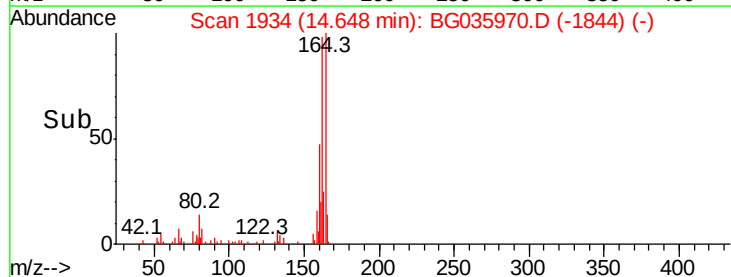
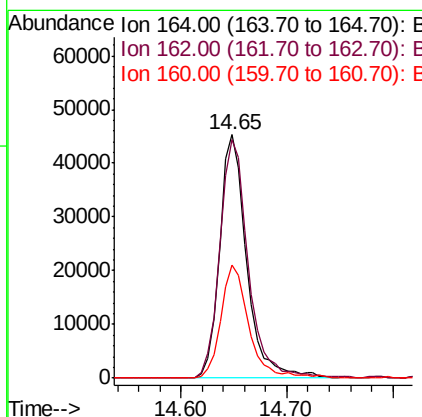
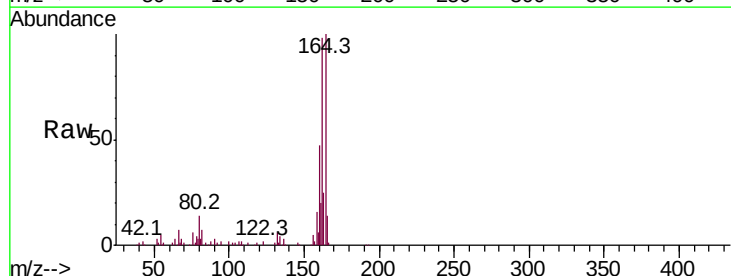
Instrument :
 BNA_G
 ClientSampleId :
 PB111535BL

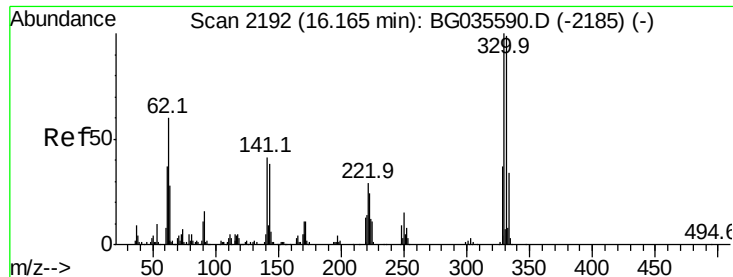
Tot Ion: 82 Resp: 214660
 Ion Ratio Lower Upper
 82 100
 128 33.1 29.7 44.5
 54 41.2 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

Tgt Ion:164 Resp: 80662
 Ion Ratio Lower Upper
 164 100
 162 98.0 78.8 118.2
 160 46.7 35.4 53.0

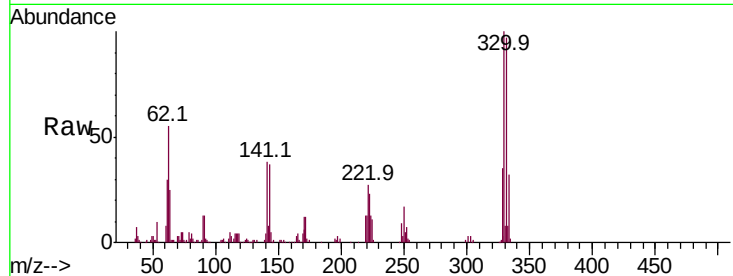




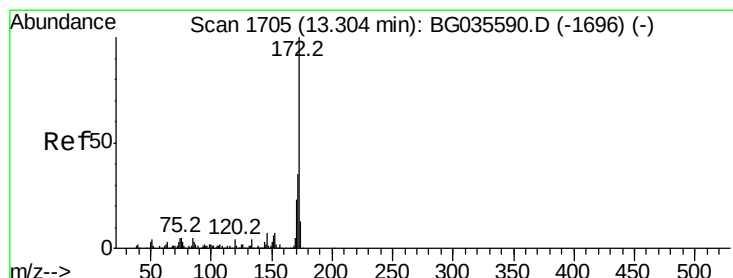
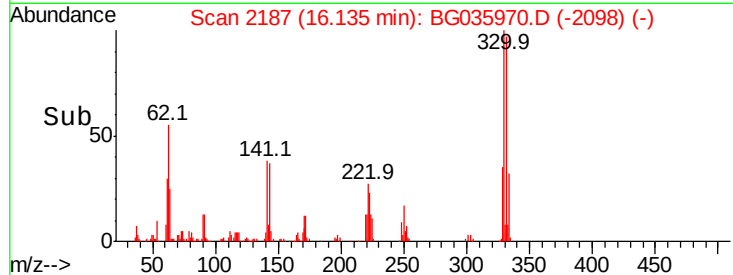
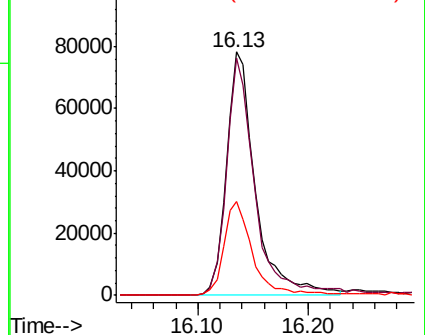
#41
 2,4,6-Tribromophenol
 Concen: 135.180 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB111535BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	38.0	25.2	37.8#

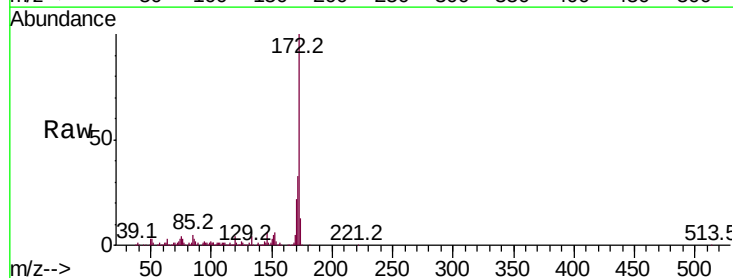


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

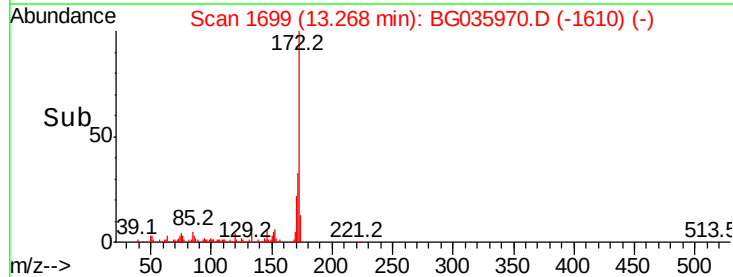
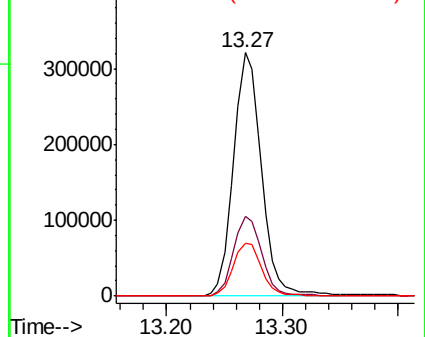


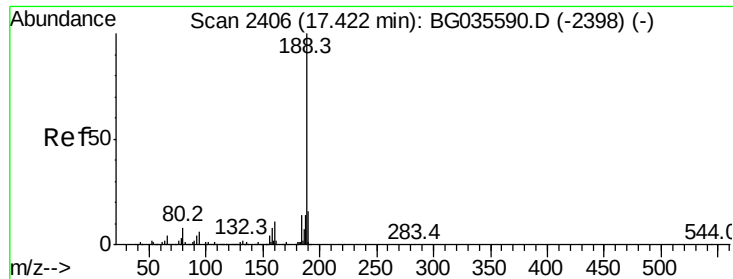
#44
 2-Fluorobiphenyl
 Concen: 89.788 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	30.0	45.0
170	22.0	19.5	29.3



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: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035970.D

Acq: 30 Jul 2018 11:10

Instrument :

BNA_G

ClientSampleId :

PB111535BL

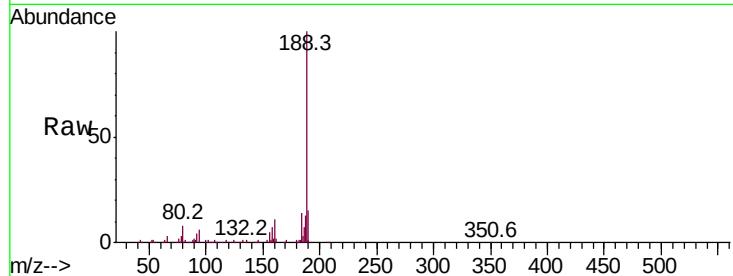
Tot Ion:188 Resp: 241733

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

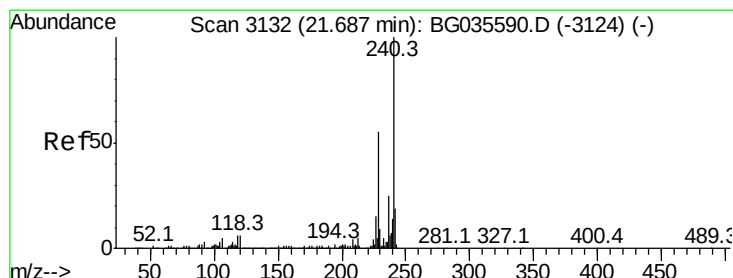
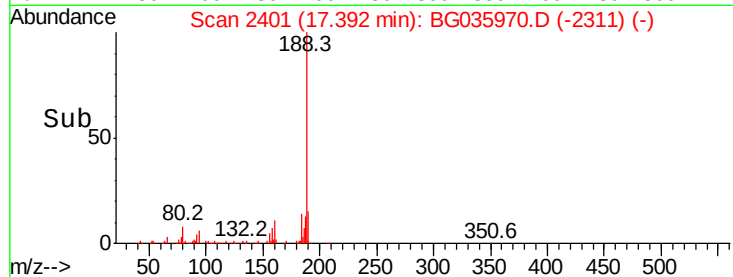
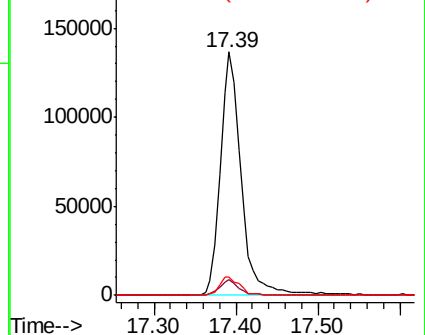
80 7.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035970.D

Acq: 30 Jul 2018 11:10

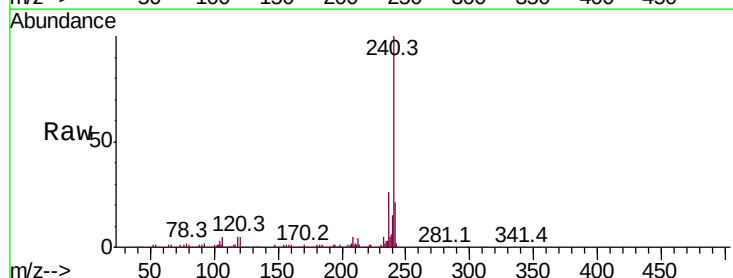
Tgt Ion:240 Resp: 266498

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

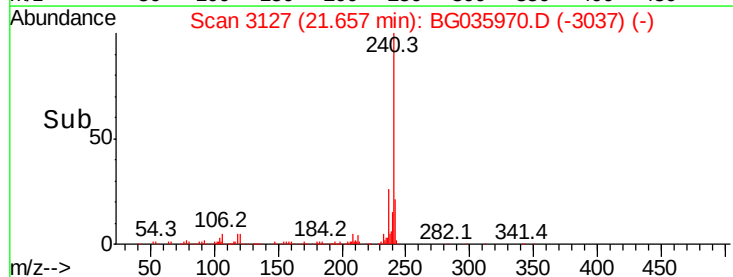
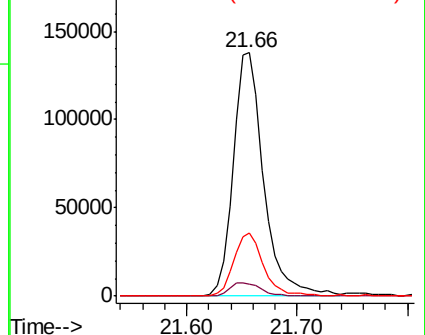
236 26.1 20.9 31.3

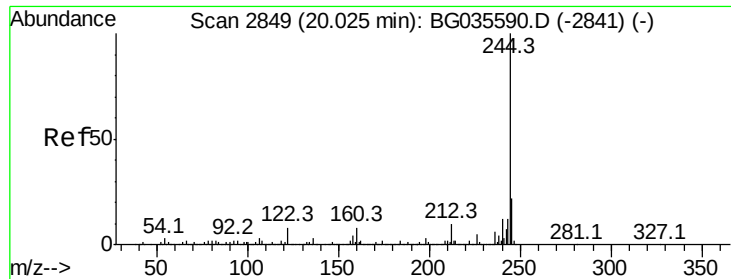


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

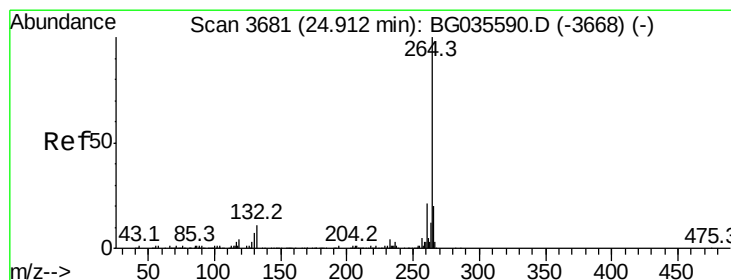
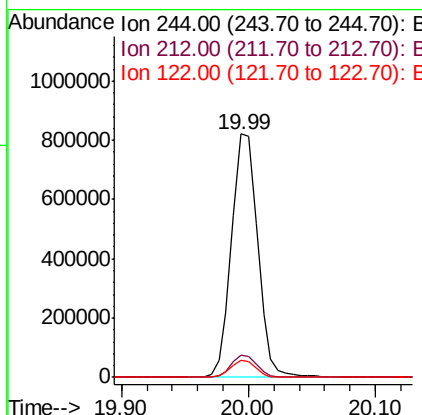
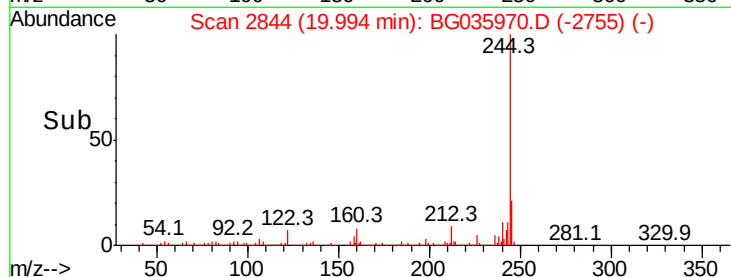
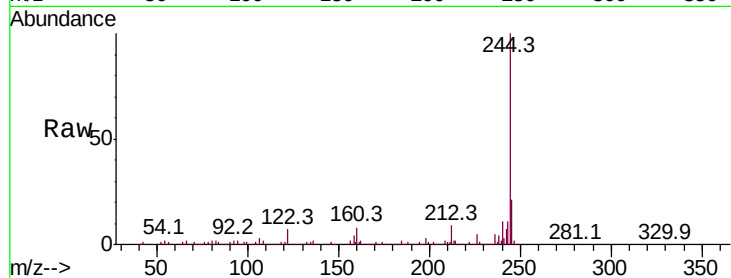




#78
 Terphenyl-d14
 Concen: 97.231 ng
 RT: 19.99 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

Instrument :
 BNA_G
 ClientSampleID :
 PB111535BL

Tot Ion:244 Resp: 1175510
 Ion Ratio Lower Upper
 244 100
 212 9.1 5.8 8.8#
 122 7.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

Tgt Ion:264 Resp: 245267
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.4 26.0
 265 22.6 17.7 26.5

