

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035859.D
 Acq On : 24 Jul 2018 23:12
 Operator : JU/SJ
 Sample : PB111180BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

Quant Time: Jul 25 17:42:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43558	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	157879	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	106977	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	293448	20.00	ng	0.00
75) Chrysene-d12	21.65	240	333458	20.00	ng	0.00
86) Perylene-d12	24.86	264	298505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	326003	124.26	ng	0.00
7) Phenol-d6	7.20	99	454604	116.14	ng	0.00
23) Nitrobenzene-d5	9.19	82	293018	77.53	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	184572	130.90	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	692403	86.71	ng	0.00
78) Terphenyl-d14	20.00	244	1295091	85.61	ng	0.00

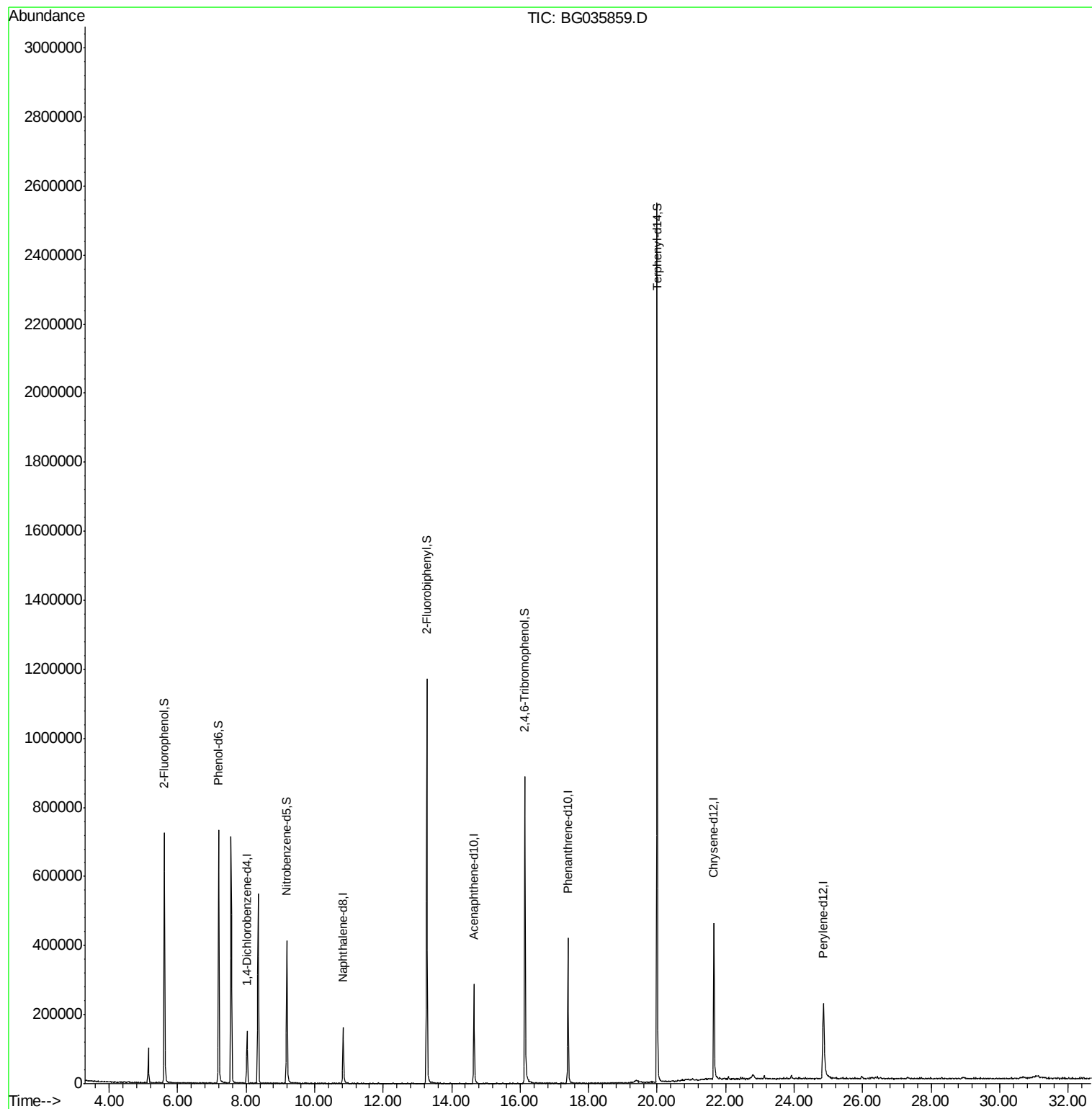
Target Compounds Qvalue

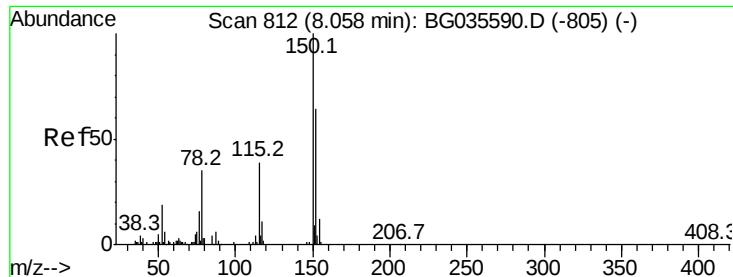
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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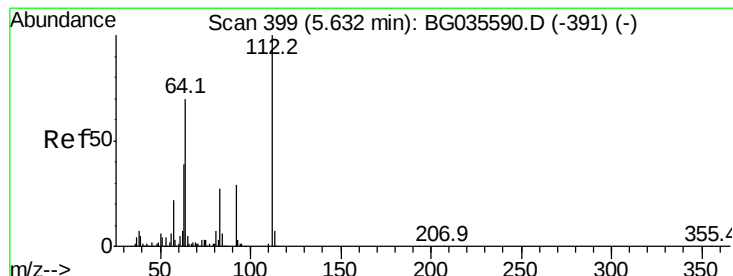
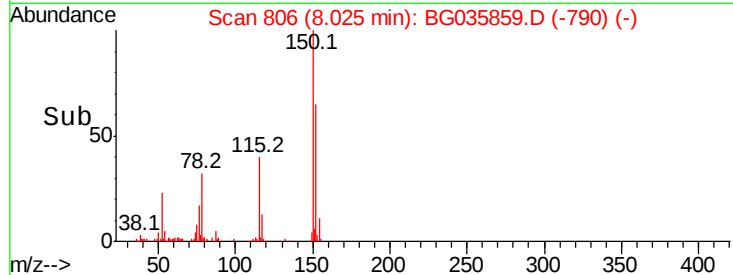
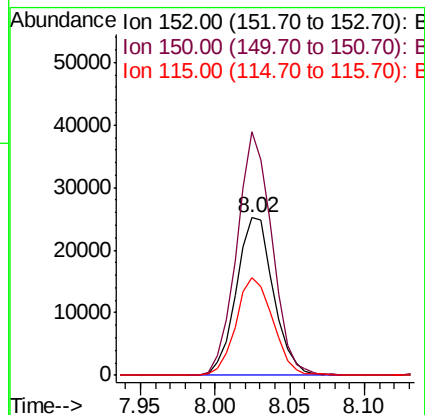
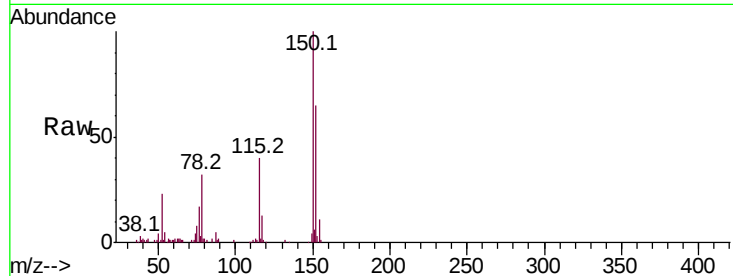


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035859.D
 Acq: 24 Jul 2018 23:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

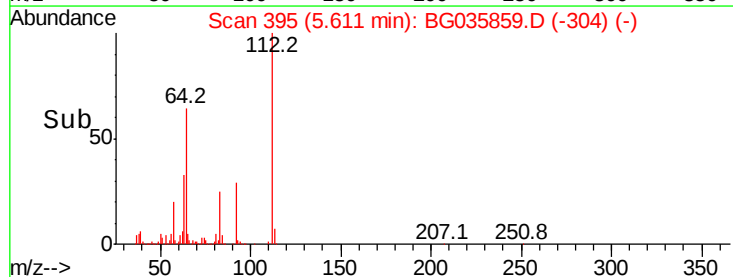
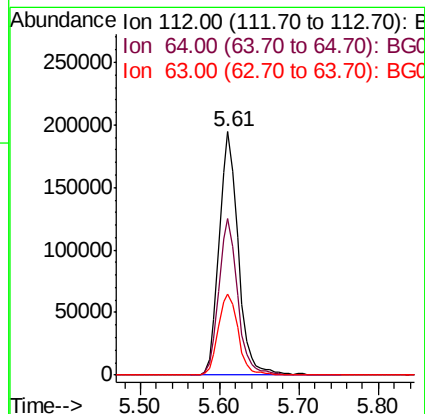
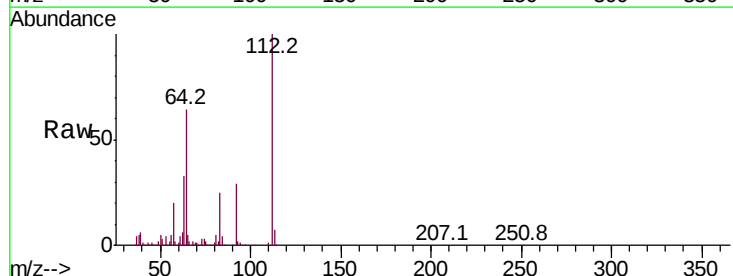
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	61.7	53.0	79.4

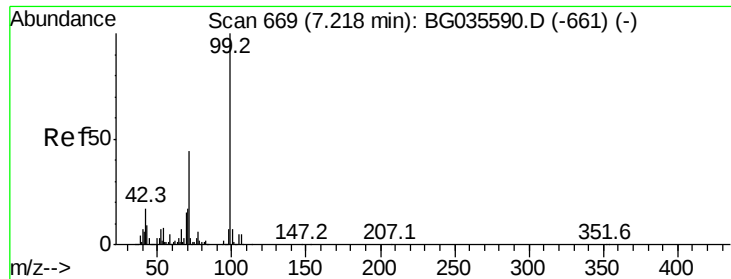


#5

2-Fluorophenol
 Concen: 124.258 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG035859.D
 Acq: 24 Jul 2018 23:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.3	84.5
63	33.4	30.1	45.1





#7

Phenol-d6

Concen: 116.137 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035859.D

Acq: 24 Jul 2018 23:12

Instrument :

BNA_G

ClientSampleId :

PB111180BL

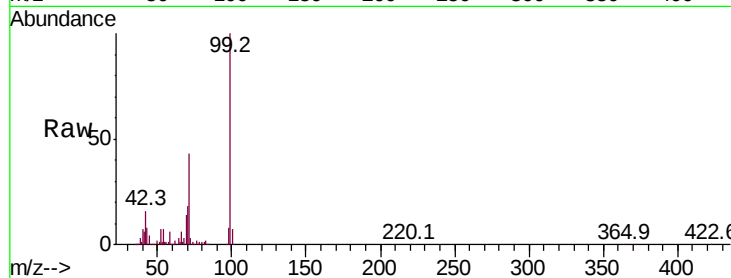
Tot Ion: 99 Resp: 454604

Ion Ratio Lower Upper

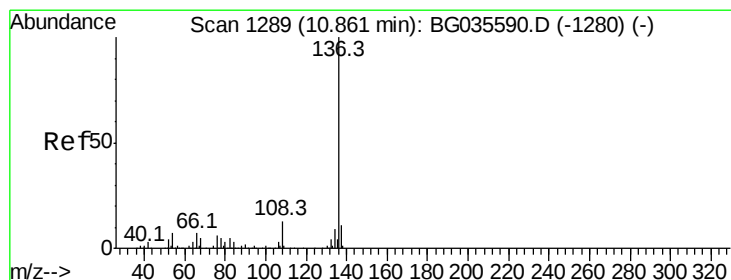
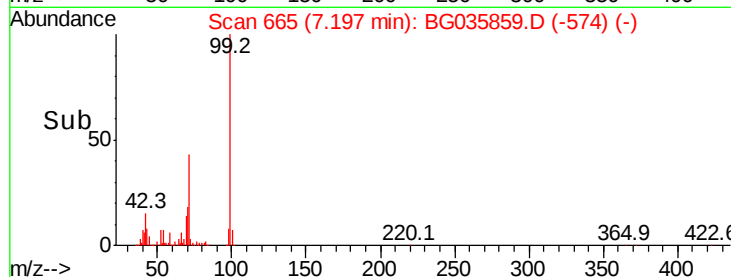
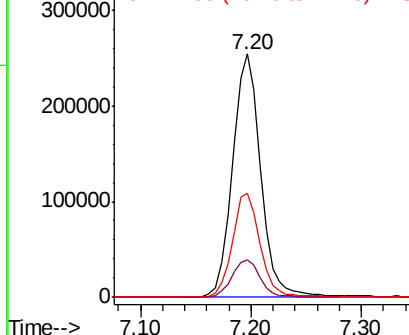
99 100

42 15.5 14.1 21.1

71 42.9 26.1 39.1#



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. 0.00 min

Lab File: BG035859.D

Acq: 24 Jul 2018 23:12

Tgt Ion: 136 Resp: 157879

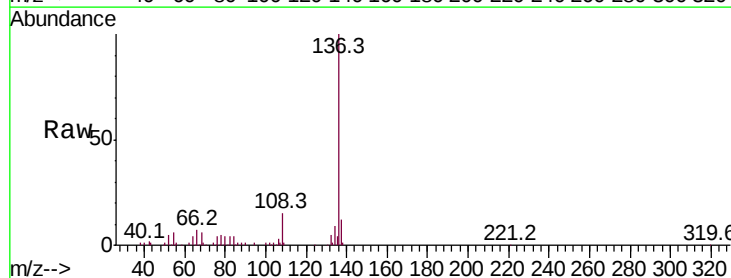
Ion Ratio Lower Upper

136 100

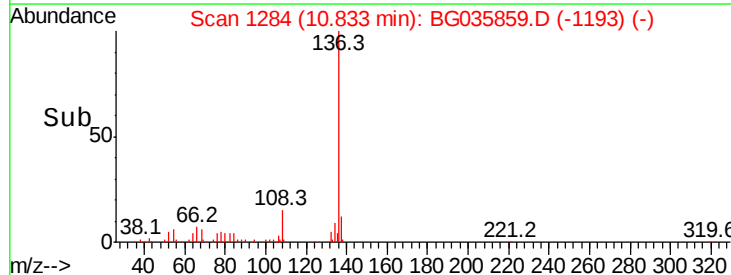
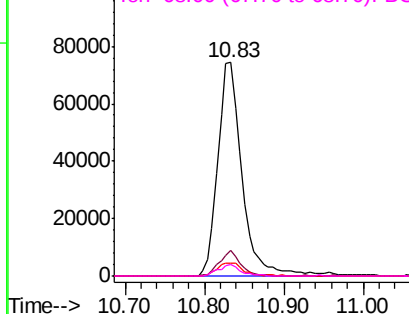
137 12.0 9.2 13.8

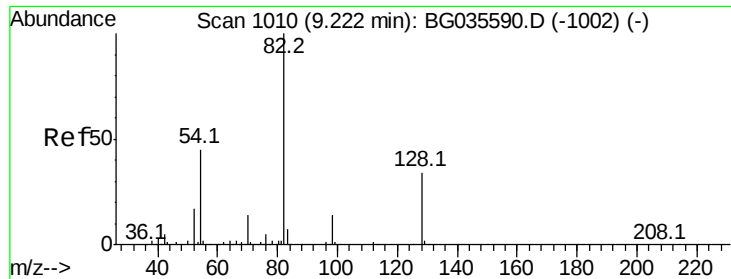
54 5.9 10.3 15.5#

68 5.5 4.5 6.7



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

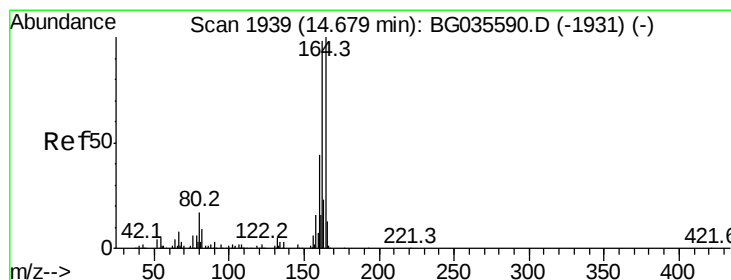
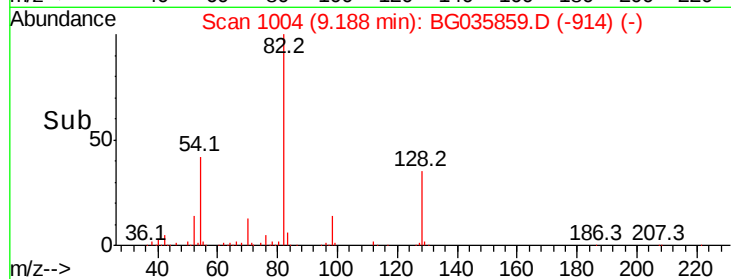
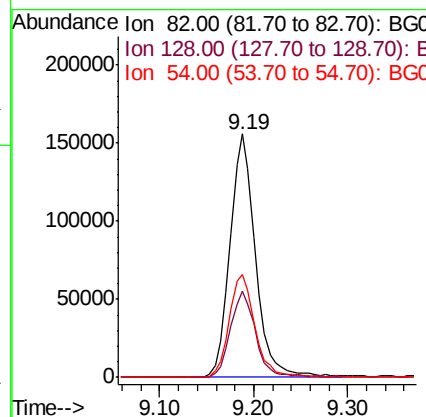
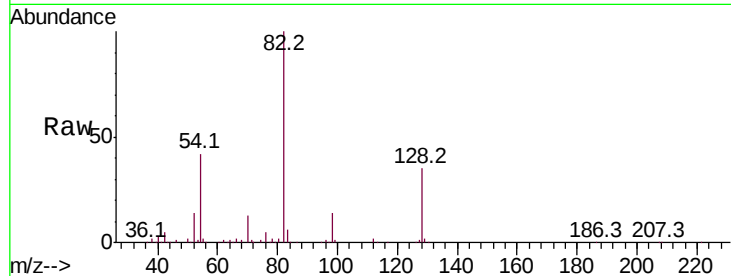




#23
Nitrobenzene-d5
Concen: 77.532 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035859.D
Acq: 24 Jul 2018 23:12

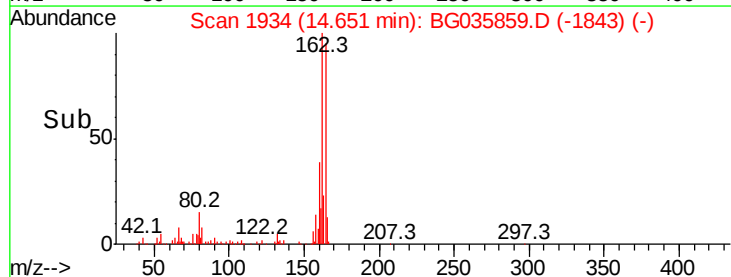
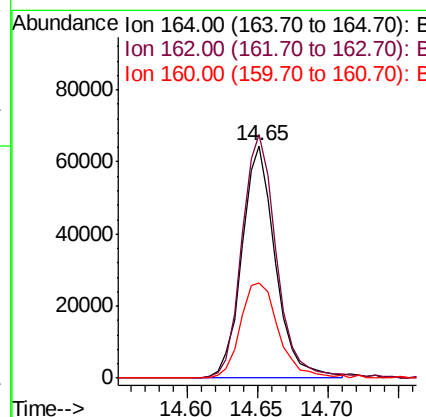
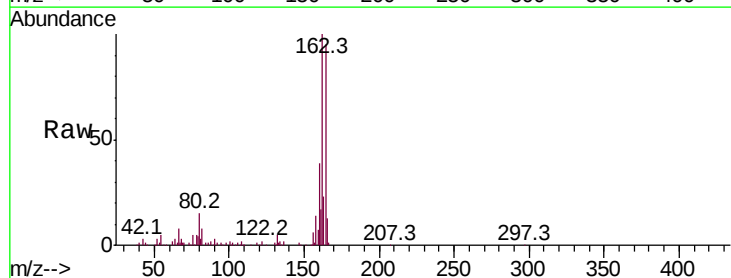
Instrument :
BNA_G
ClientSampleId :
PB111180BL

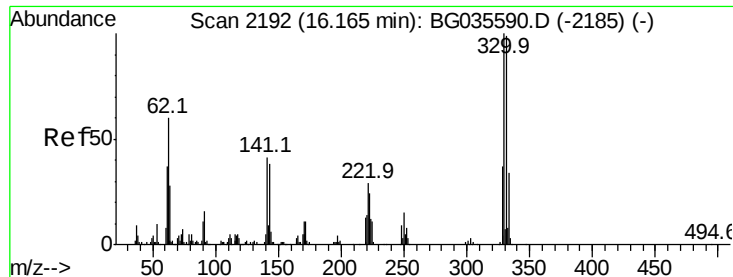
Tot Ion: 82 Resp: 293018
Ion Ratio Lower Upper
82 100
128 35.2 29.7 44.5
54 42.0 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG035859.D
Acq: 24 Jul 2018 23:12

Tgt Ion:164 Resp: 106977
Ion Ratio Lower Upper
164 100
162 104.9 78.8 118.2
160 41.1 35.4 53.0

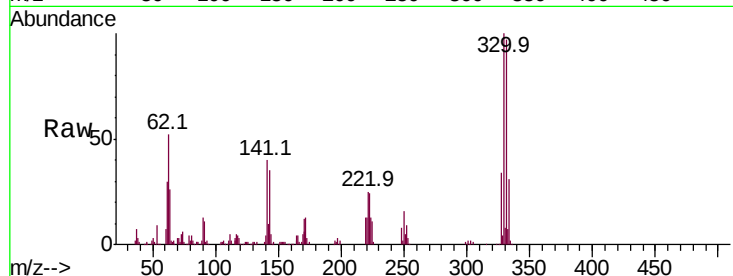




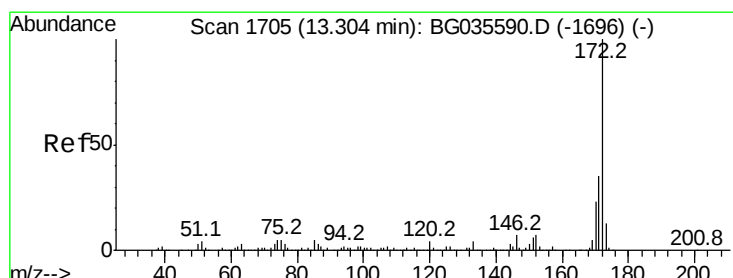
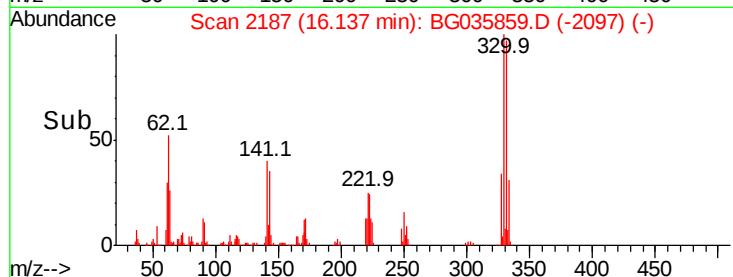
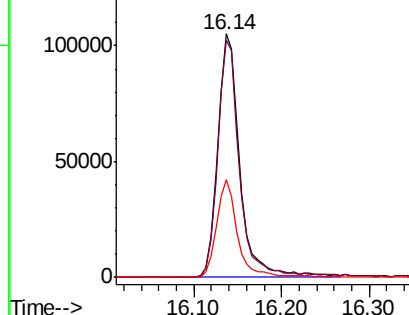
#41
 2,4,6-Tribromophenol
 Concen: 130.900 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035859.D
 Acq: 24 Jul 2018 23:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	37.7	25.2	37.8

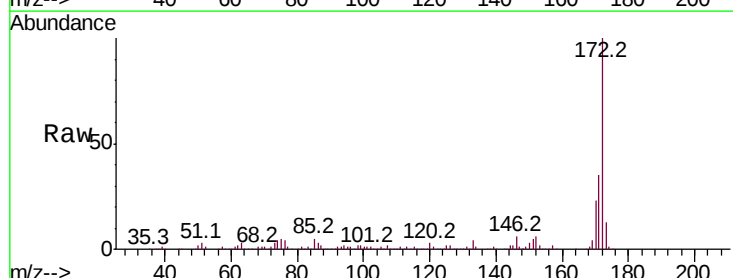


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

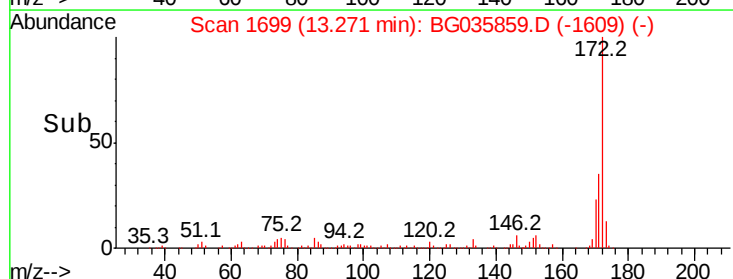
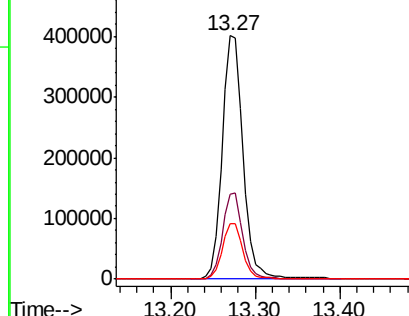


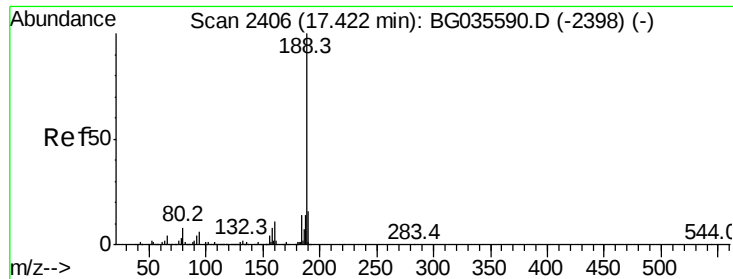
#44
 2-Fluorobiphenyl
 Concen: 86.714 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035859.D
 Acq: 24 Jul 2018 23:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	22.7	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

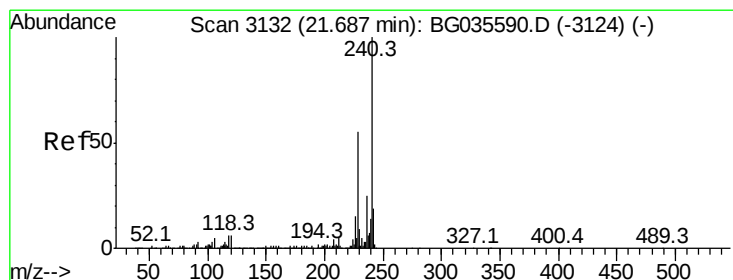
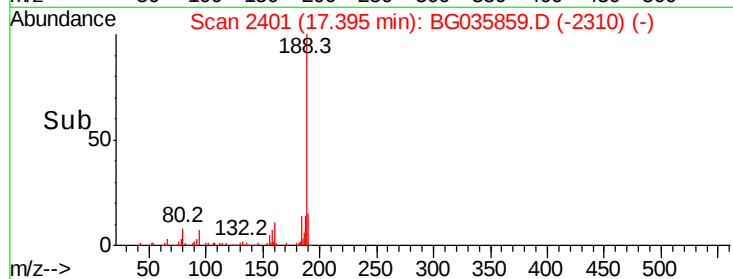
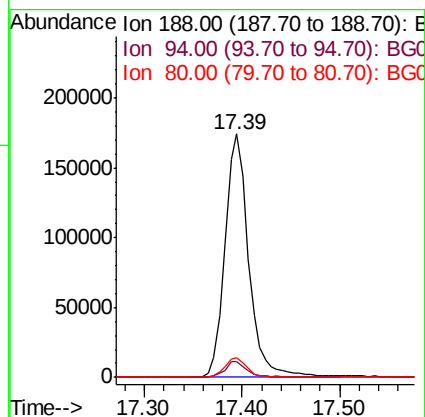
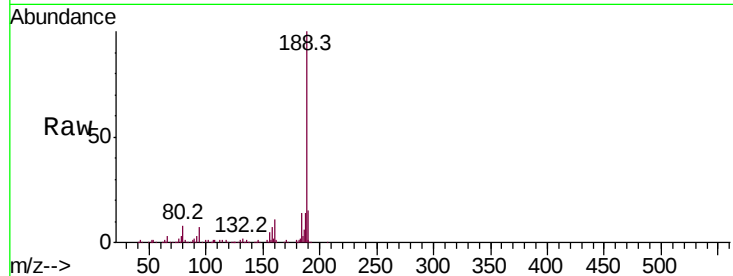




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG035859.D
Acq: 24 Jul 2018 23:12

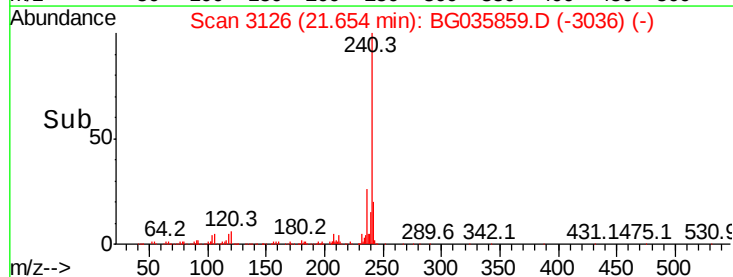
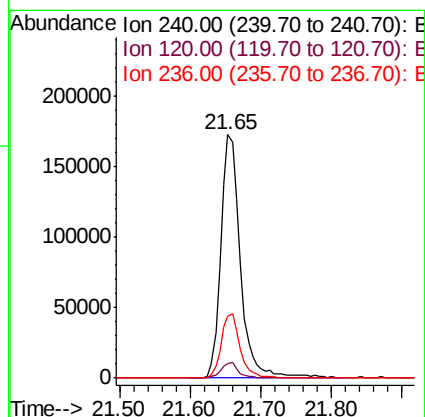
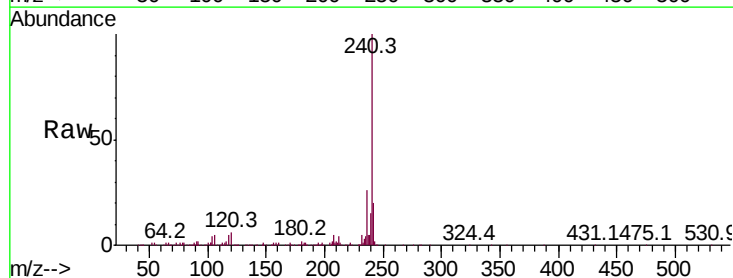
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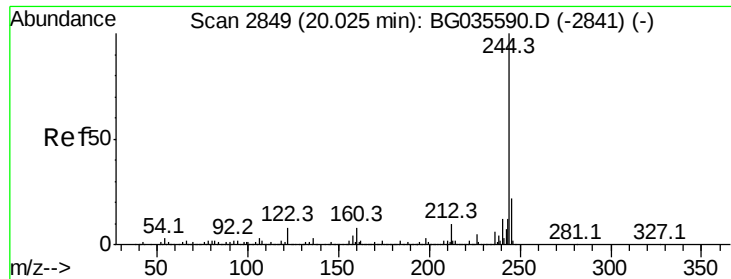
Tot Ion:188 Resp: 293448
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG035859.D
Acq: 24 Jul 2018 23:12

Tgt Ion:240 Resp: 333458
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.6 20.9 31.3

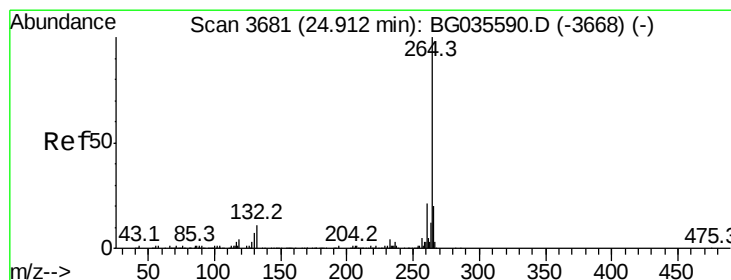
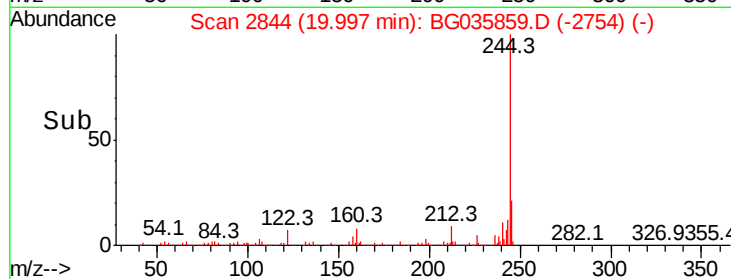
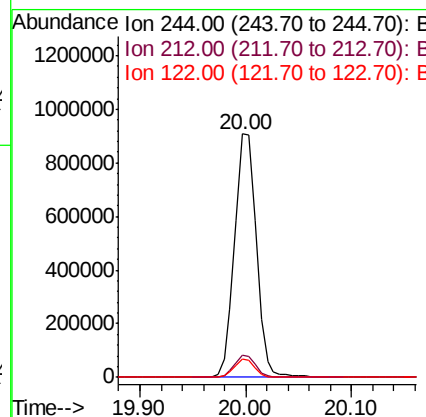
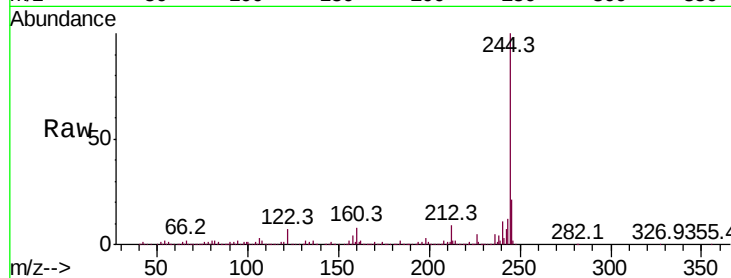




#78
 Terphenyl-d14
 Concen: 85.611 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BG035859.D
 Acq: 24 Jul 2018 23:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

Tot Ion:244 Resp: 1295091
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 7.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BG035859.D
 Acq: 24 Jul 2018 23:12

Tgt Ion:264 Resp: 298505
 Ion Ratio Lower Upper
 264 100
 260 25.9 17.4 26.0
 265 22.9 17.7 26.5

