

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036012.D
 Acq On : 31 Jul 2018 22:02
 Operator : JU/SJ
 Sample : J4218-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-15-D

Quant Time: Aug 01 01:39:45 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 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35417	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	125443	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	86366	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	253758	20.00	ng	0.00
75) Chrysene-d12	21.65	240	302072	20.00	ng	0.00
86) Perylene-d12	24.85	264	272240	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	294724	138.16	ng	0.00
7) Phenol-d6	7.19	99	381980	120.01	ng	0.00
23) Nitrobenzene-d5	9.19	82	302252	100.66	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	205573	180.59	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	670074	103.94	ng	0.00
78) Terphenyl-d14	20.00	244	1465544	106.94	ng	0.00

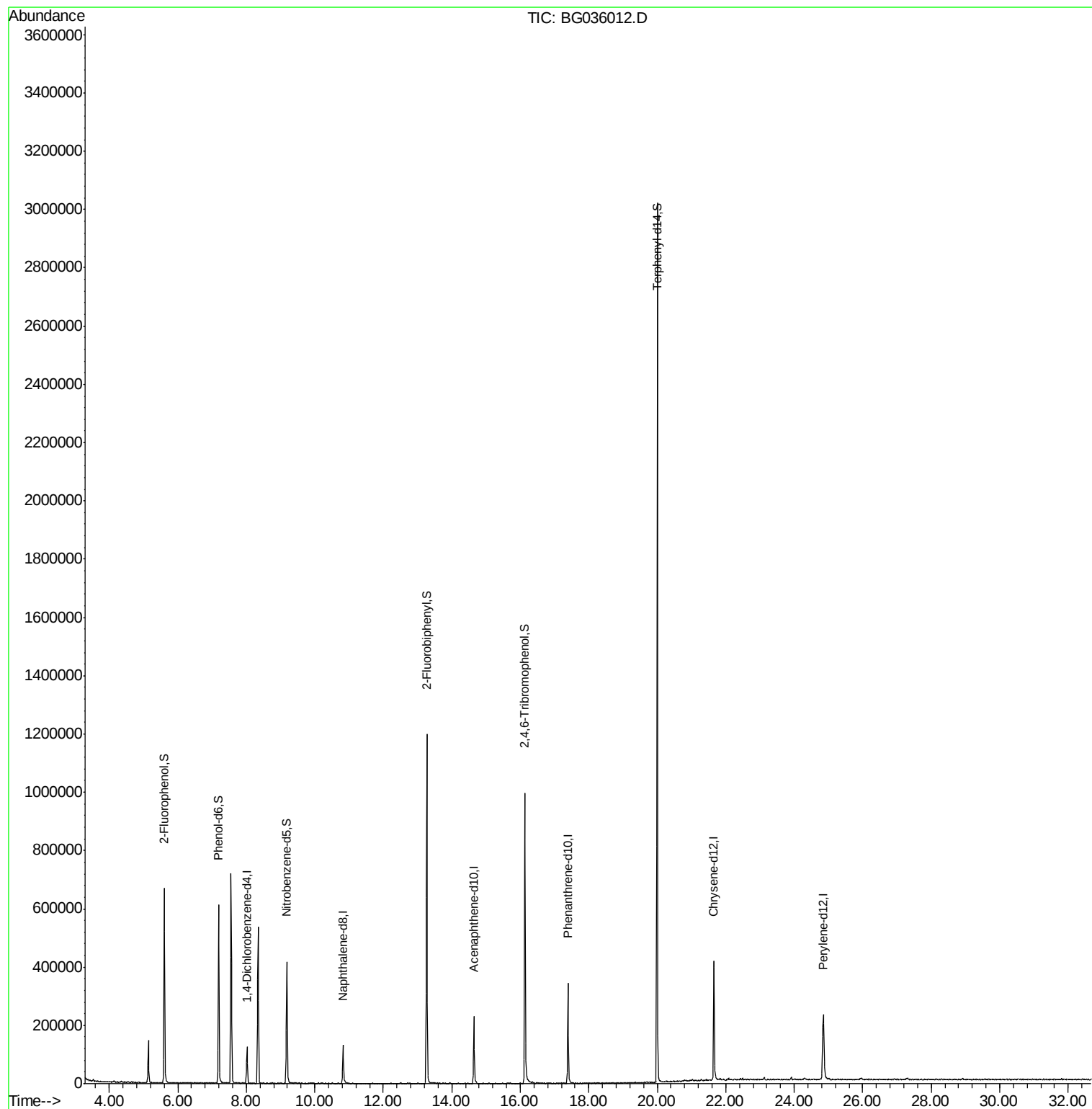
Target Compounds Qvalue

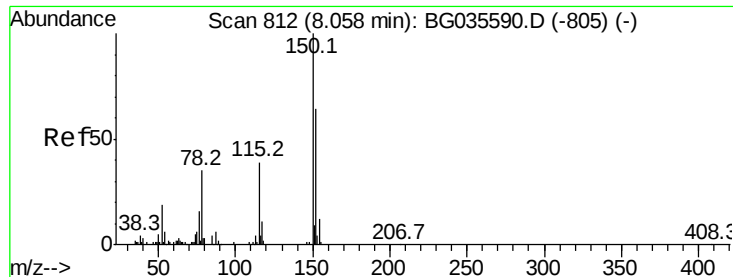
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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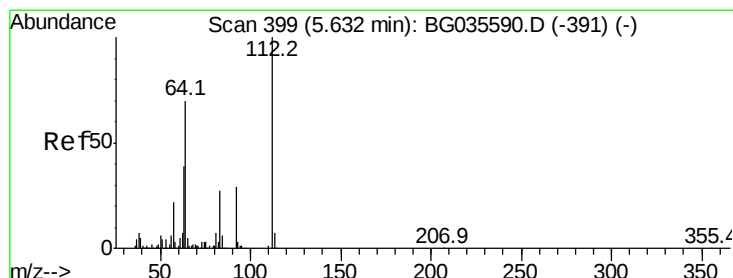
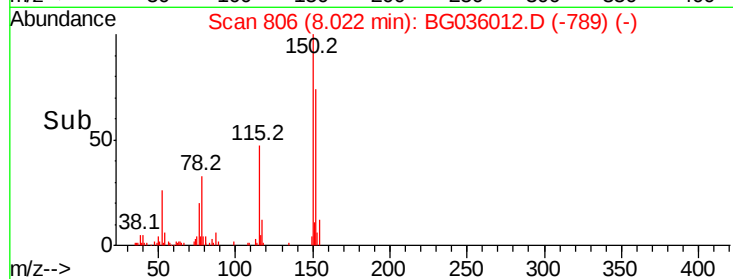
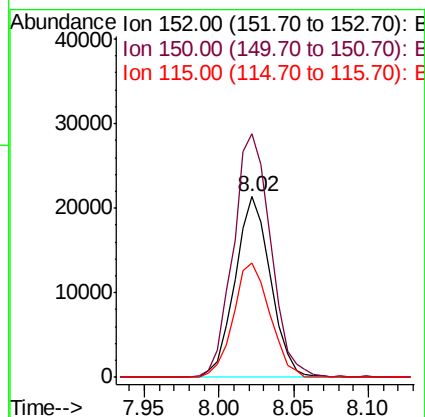
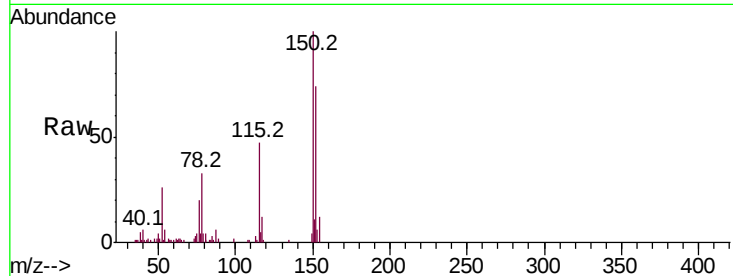


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG036012.D
 Acq: 31 Jul 2018 22:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-15-D

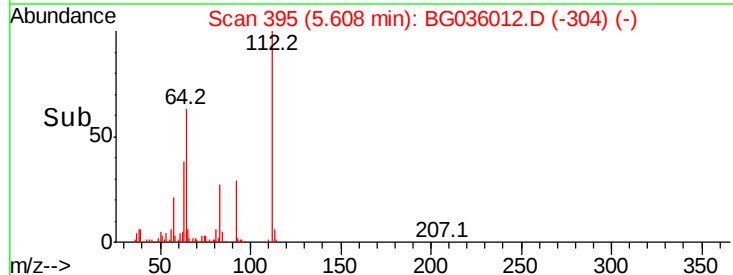
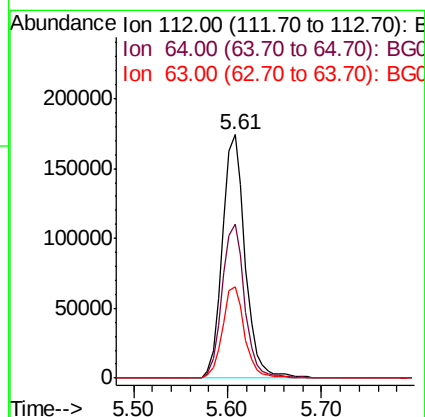
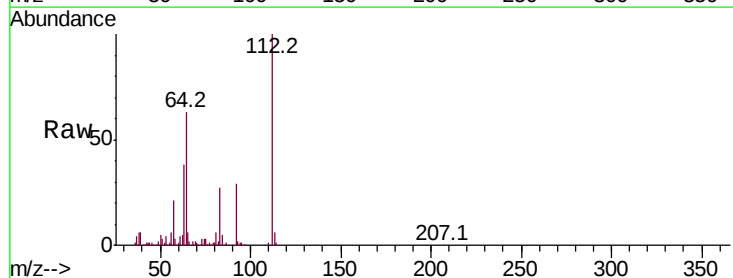
Tot Ion	Ratio	Lower	Upper
152	100		
150	134.8	126.6	189.8
115	63.4	53.0	79.4

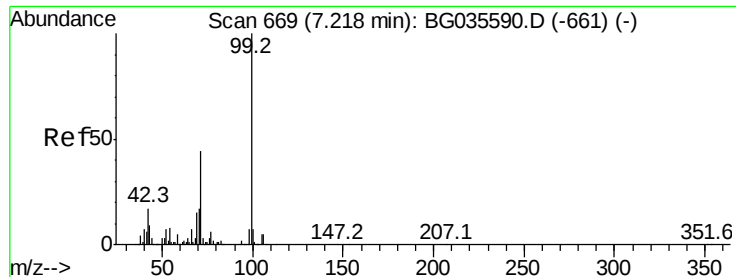


#5

2-Fluorophenol
 Concen: 138.157 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG036012.D
 Acq: 31 Jul 2018 22:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	37.5	30.1	45.1





#7

Phenol-d6

Concen: 120.014 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036012.D

Acq: 31 Jul 2018 22:02

Instrument :

BNA_G

ClientSampleId :

TP-15-D

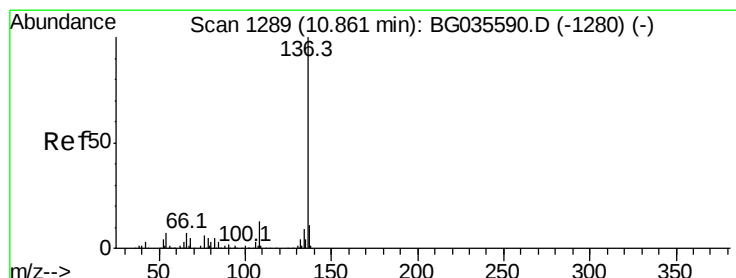
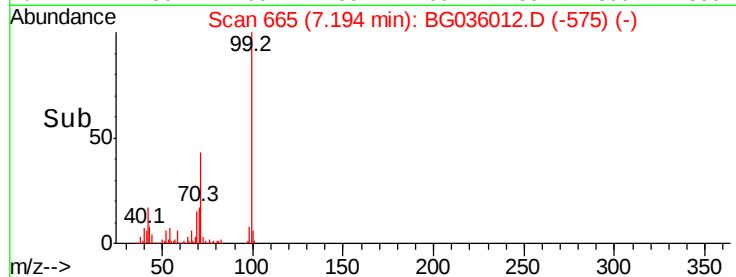
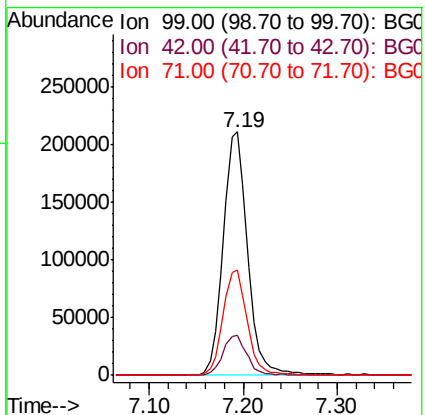
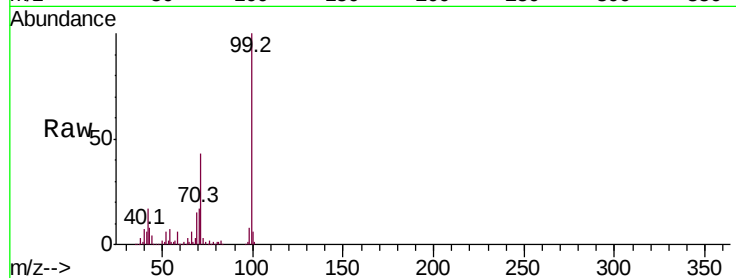
Tot Ion: 99 Resp: 381980

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 43.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036012.D

Acq: 31 Jul 2018 22:02

Tgt Ion: 136 Resp: 125443

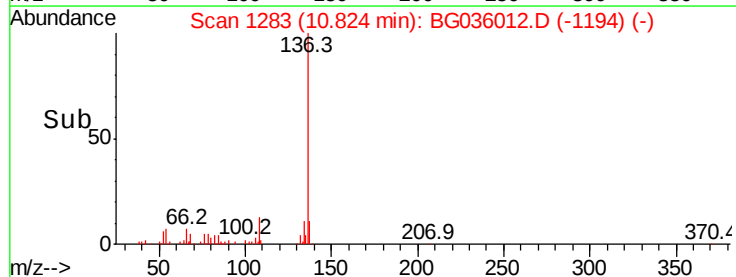
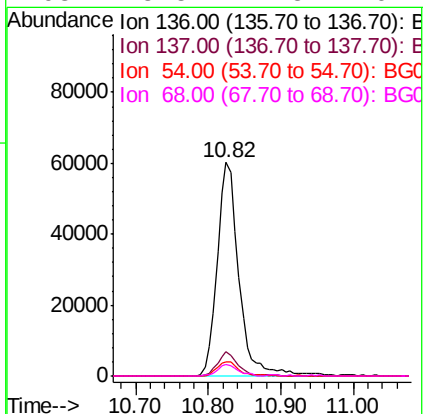
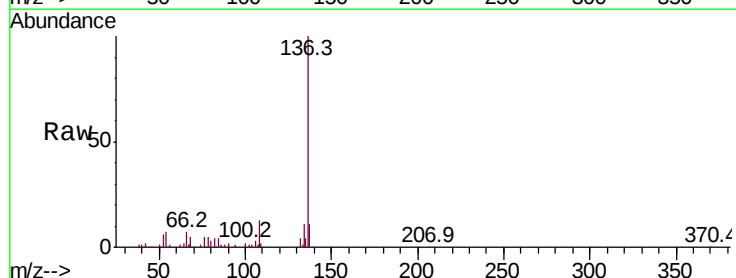
Ion Ratio Lower Upper

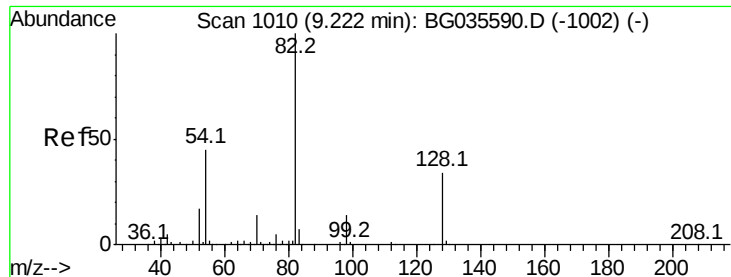
136 100

137 11.1 9.2 13.8

54 6.8 10.3 15.5#

68 5.5 4.5 6.7

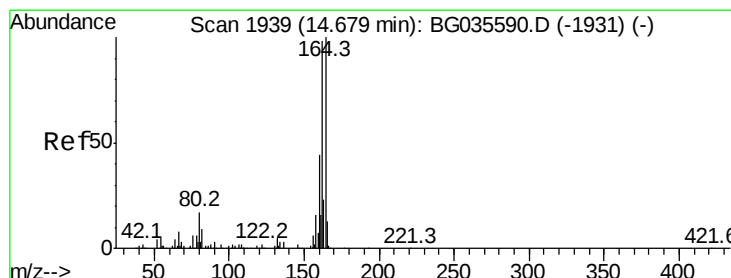
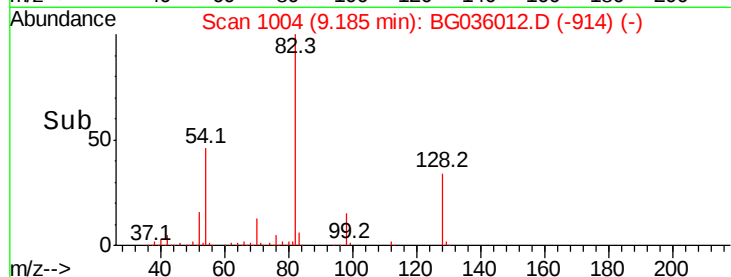
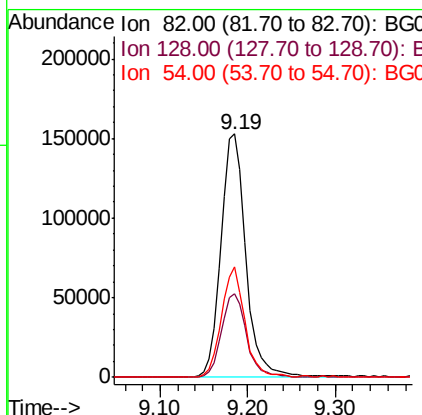
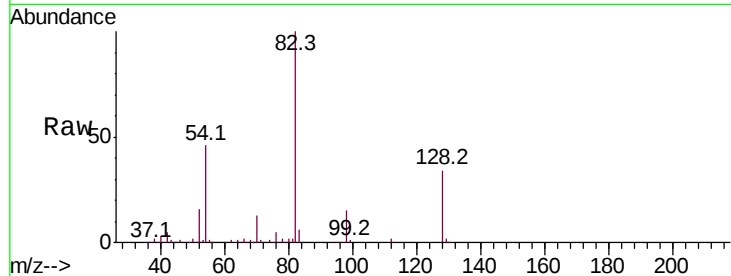




#23
 Nitrobenzene-d5
 Concen: 100.655 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036012.D
 Acq: 31 Jul 2018 22:02

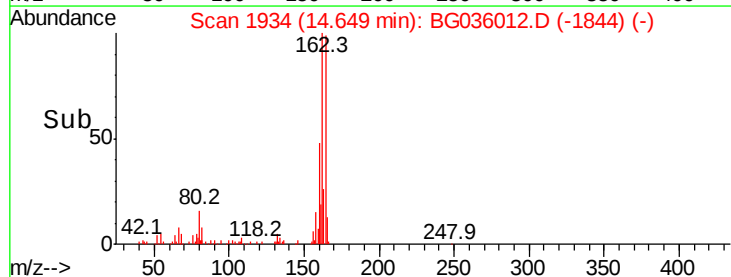
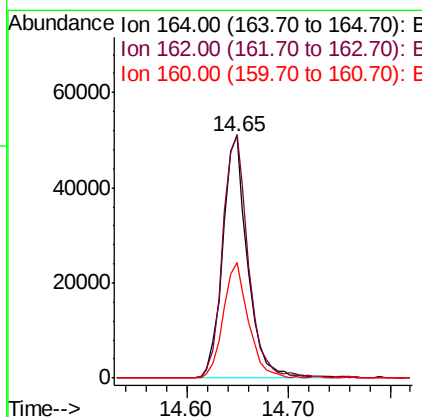
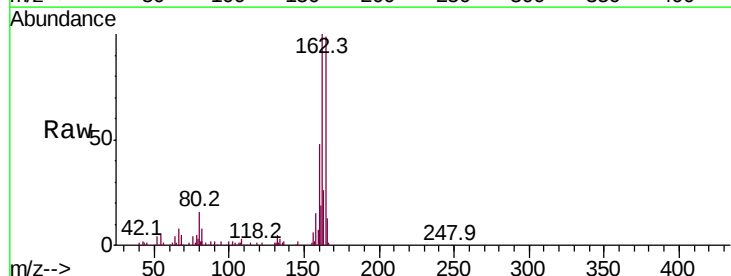
Instrument :
 BNA_G
 ClientSampleId :
 TP-15-D

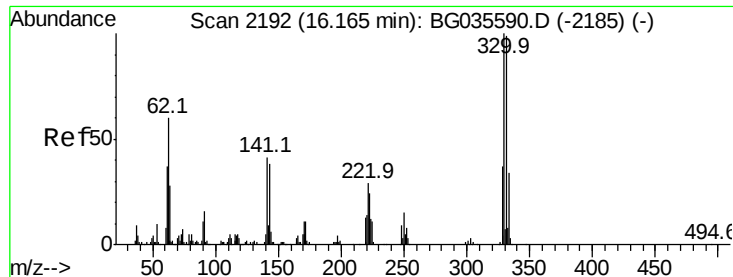
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	45.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG036012.D
 Acq: 31 Jul 2018 22:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	47.8	35.4	53.0

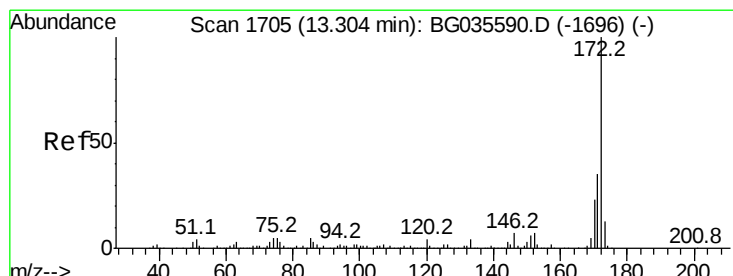
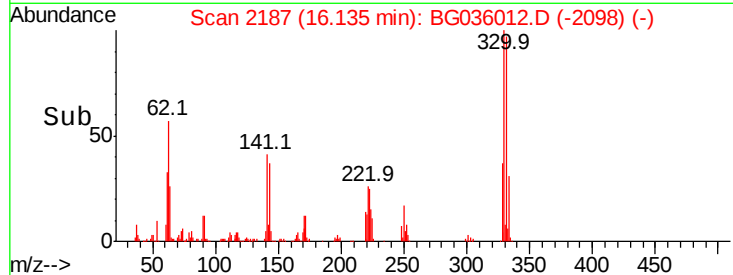
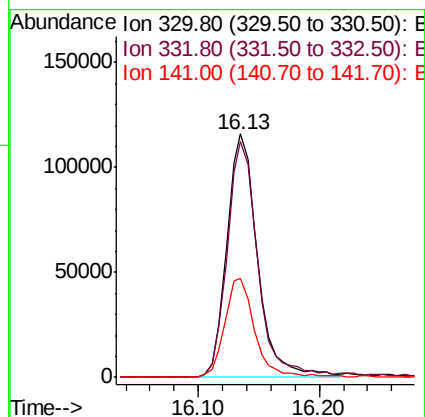
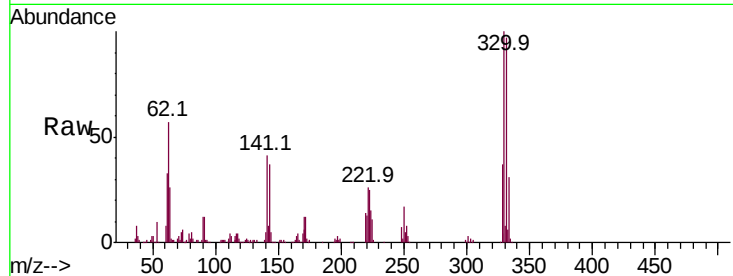




#41
 2,4,6-Tribromophenol
 Concen: 180.587 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036012.D
 Acq: 31 Jul 2018 22:02

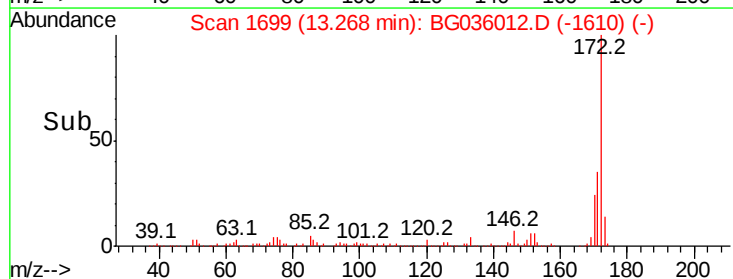
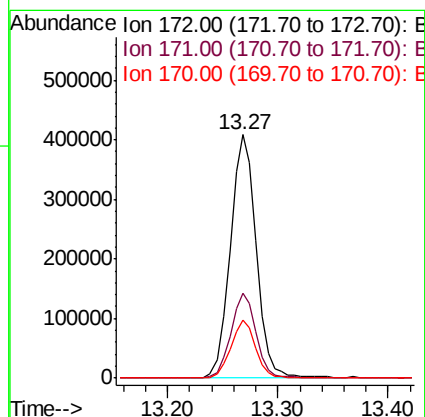
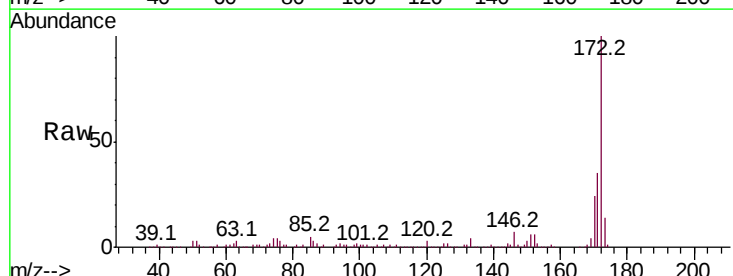
Instrument :
 BNA_G
 ClientSampleId :
 TP-15-D

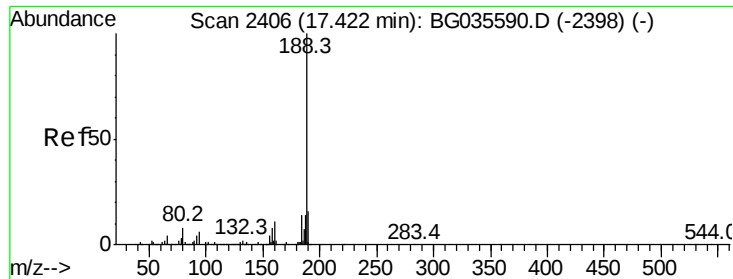
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	39.9	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 103.944 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036012.D
 Acq: 31 Jul 2018 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.8	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036012.D

Acq: 31 Jul 2018 22:02

Instrument :

BNA_G

ClientSampleId :

TP-15-D

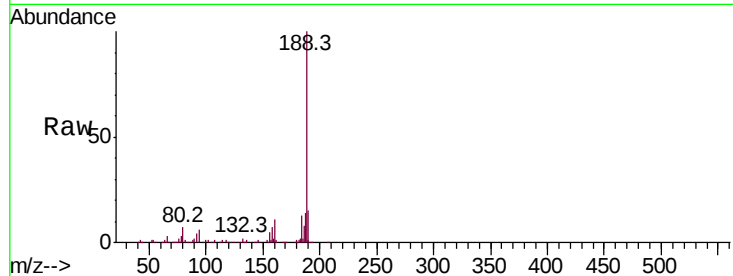
Tot Ion:188 Resp: 253758

Ion Ratio Lower Upper

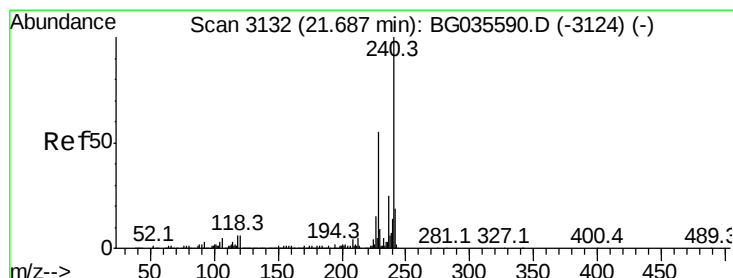
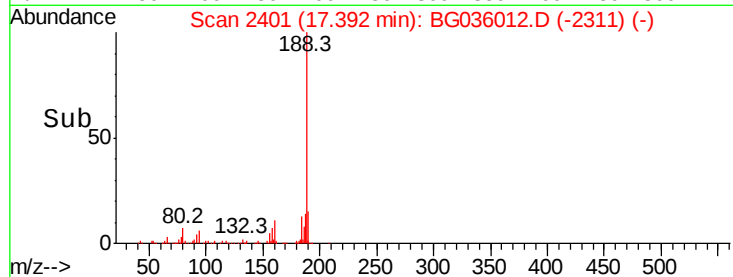
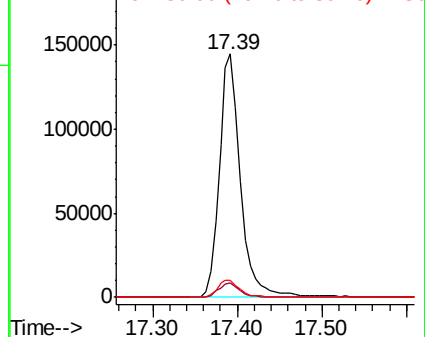
188 100

94 6.2 6.9 10.3#

80 6.9 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: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036012.D

Acq: 31 Jul 2018 22:02

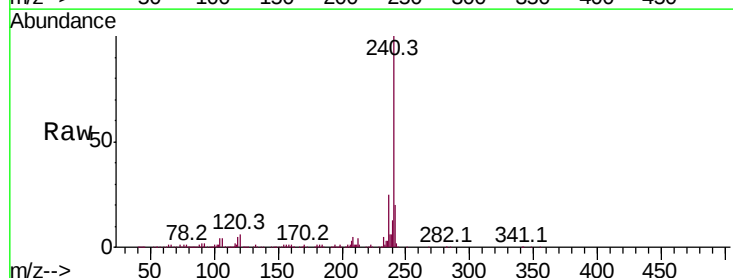
Tgt Ion:240 Resp: 302072

Ion Ratio Lower Upper

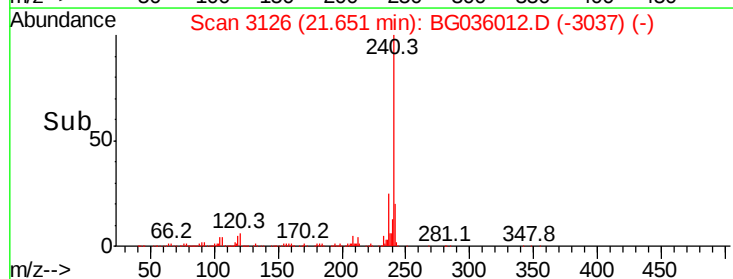
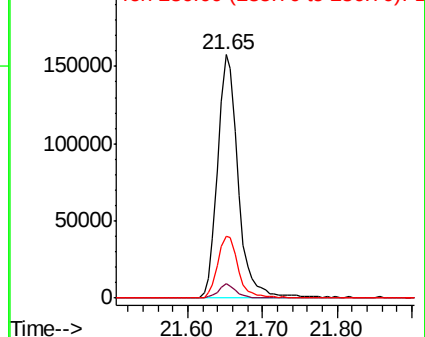
240 100

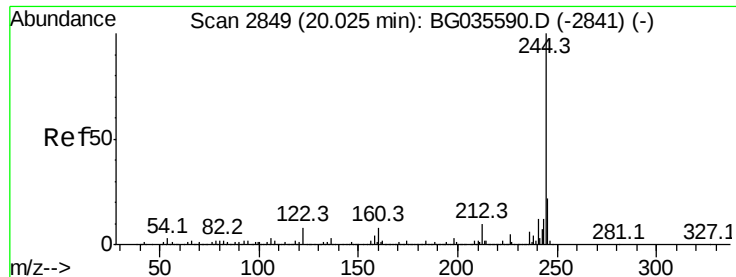
120 5.9 6.8 10.2#

236 25.2 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: 106.945 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG036012.D

Acq: 31 Jul 2018 22:02

Instrument :

BNA_G

ClientSampled :

TP-15-D

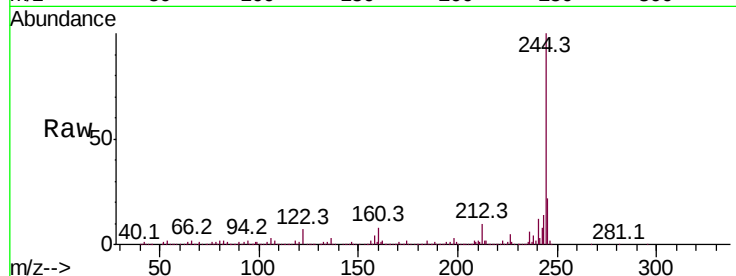
Tot Ion:244 Resp: 1465544

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

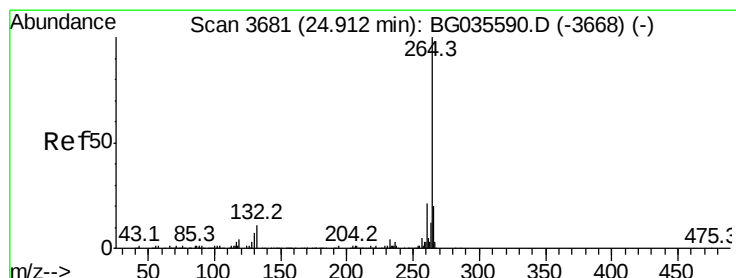
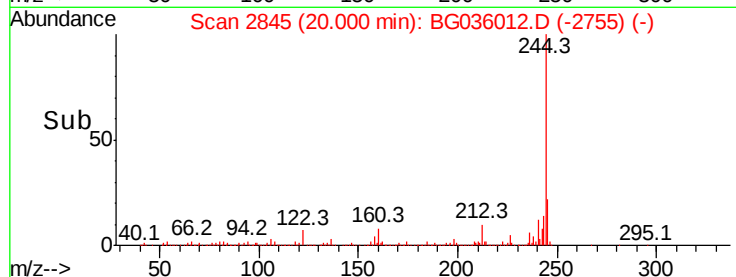
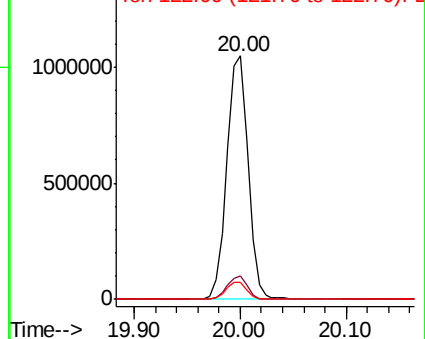
122 6.9 7.0 10.4#



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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036012.D

Acq: 31 Jul 2018 22:02

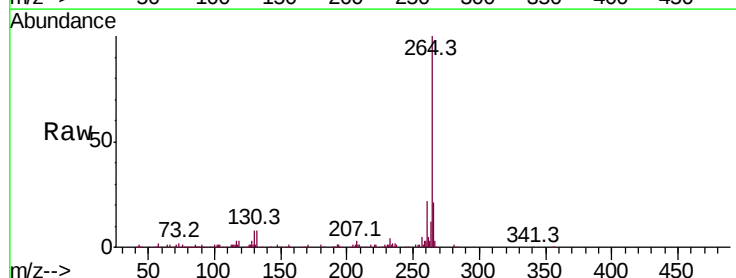
Tgt Ion:264 Resp: 272240

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 20.7 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

