

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036119.D
 Acq On : 4 Aug 2018 7:59
 Operator : JU/SJ
 Sample : J4313-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-9

Quant Time: Aug 06 01:32:15 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

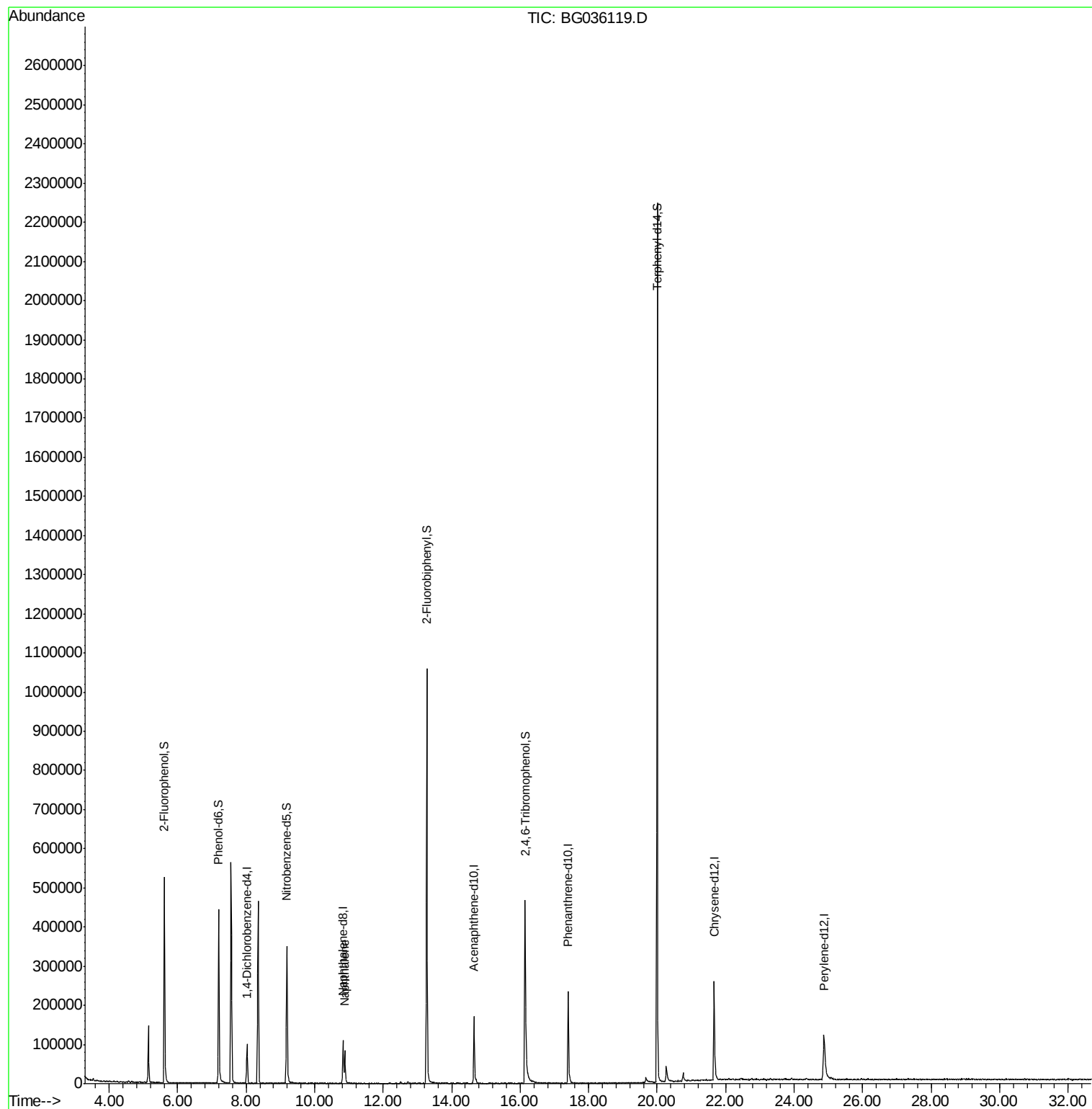
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28248	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	101562	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	69501	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	196690	20.00	ng	0.00
75) Chrysene-d12	21.66	240	212957	20.00	ng	0.00
86) Perylene-d12	24.87	264	182792	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	231360	135.98	ng	0.00
7) Phenol-d6	7.20	99	292750	115.32	ng	0.00
23) Nitrobenzene-d5	9.19	82	256483	105.50	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	135264	147.66	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	596901	115.06	ng	0.00
78) Terphenyl-d14	20.00	244	1140915	118.10	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	72531	13.710	ng	Qvalue 98

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

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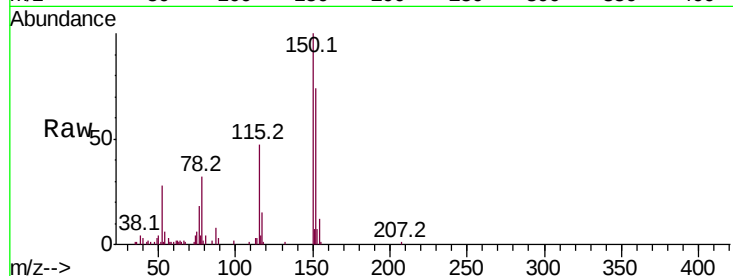


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG036119.D
Acq: 4 Aug 2018 7:59

Instrument :
BNA_G
ClientSampleId :
C-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.6	126.6	189.8
115	63.4	53.0	79.4

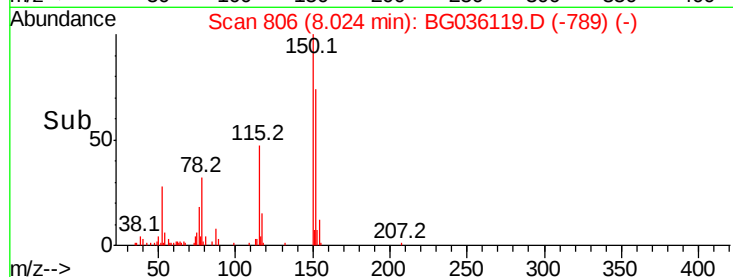
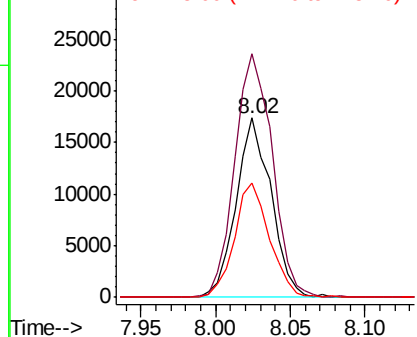


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

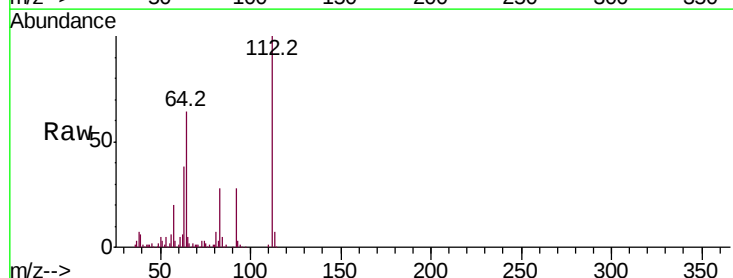
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.978 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG036119.D
Acq: 4 Aug 2018 7:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	56.3	84.5
63	38.0	30.1	45.1

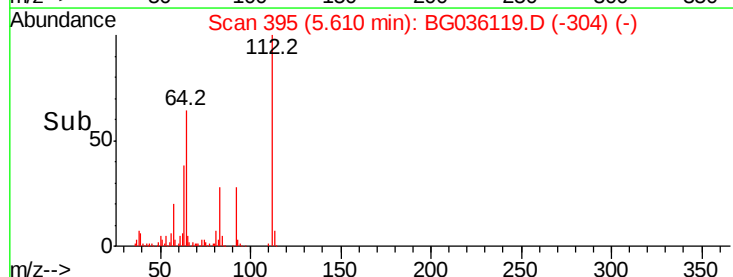
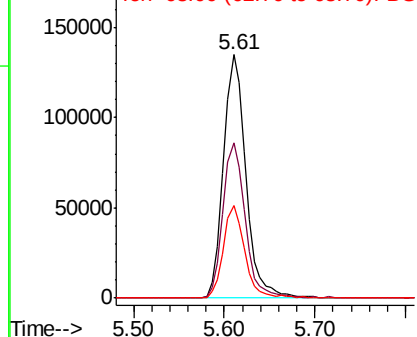


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 115.322 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036119.D

Acq: 4 Aug 2018 7:59

Instrument :

BNA_G

ClientSampleId :

C-9

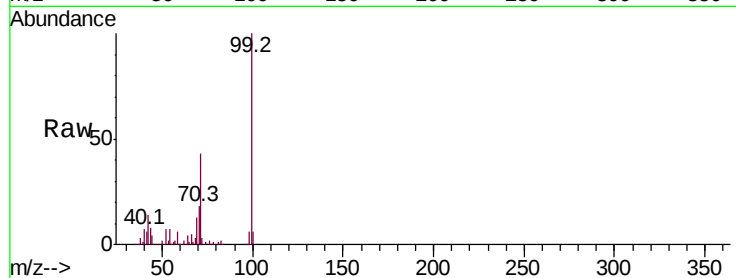
Tot Ion: 99 Resp: 292750

Ion Ratio Lower Upper

99 100

42 14.1 14.1 21.1#

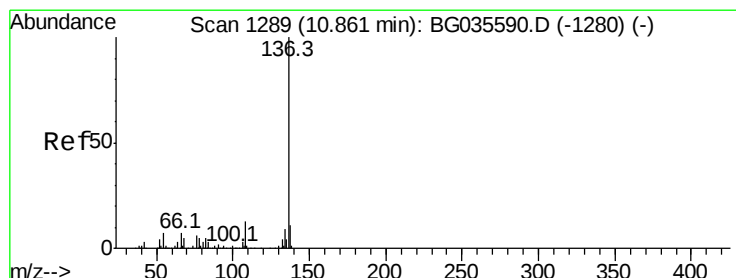
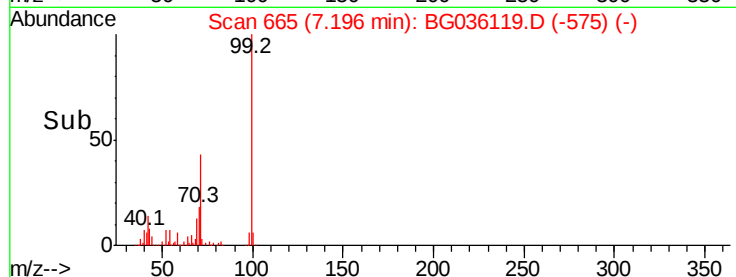
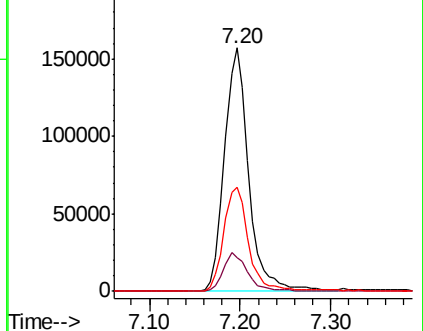
71 42.5 26.1 39.1#



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# 1283

Delta R.T. -0.01 min

Lab File: BG036119.D

Acq: 4 Aug 2018 7:59

Tgt Ion: 136 Resp: 101562

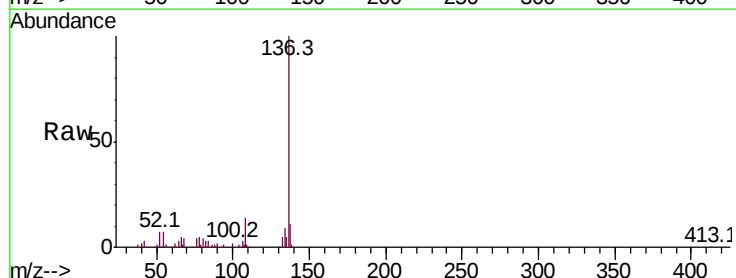
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.2 10.3 15.5#

68 3.8 4.5 6.7#

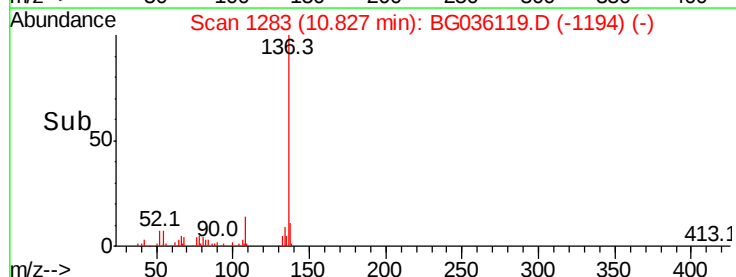
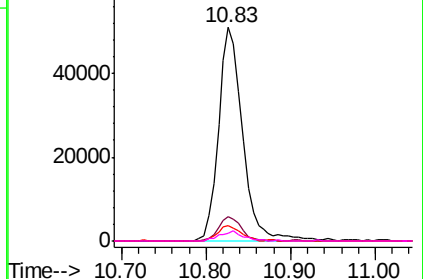


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

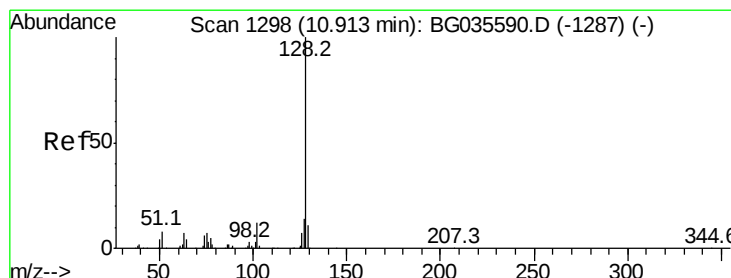
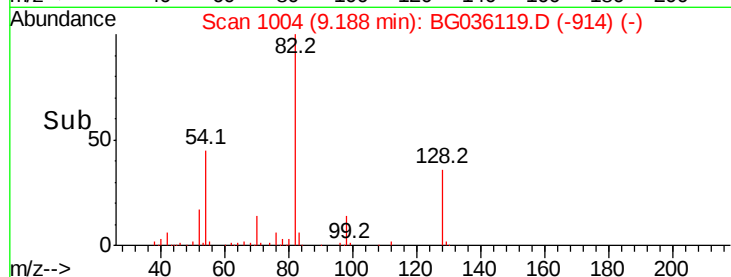
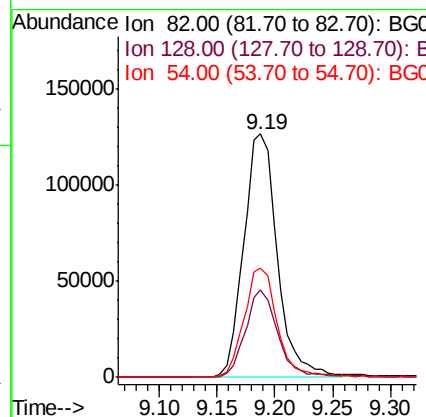
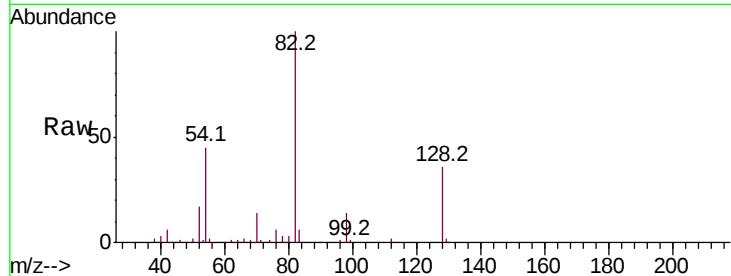




#23
Nitrobenzene-d5
Concen: 105.497 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG036119.D
Acq: 4 Aug 2018 7:59

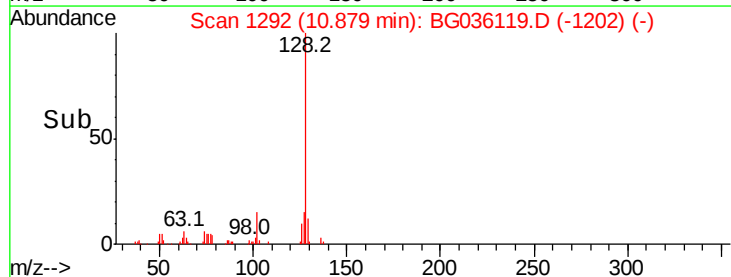
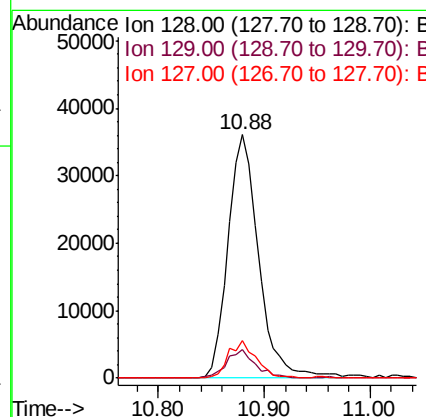
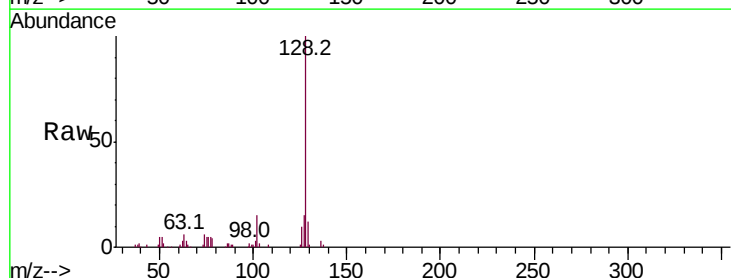
Instrument :
BNA_G
ClientSampleId :
C-9

Tot Ion: 82 Resp: 256483
Ion Ratio Lower Upper
82 100
128 35.8 29.7 44.5
54 44.7 43.1 64.7



#31
Naphthalene
Concen: 13.710 ng
RT: 10.88 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG036119.D
Acq: 4 Aug 2018 7:59

Tgt Ion:128 Resp: 72531
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 15.3 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG036119.D

Acq: 4 Aug 2018 7:59

Instrument :

BNA_G

ClientSampleId :

C-9

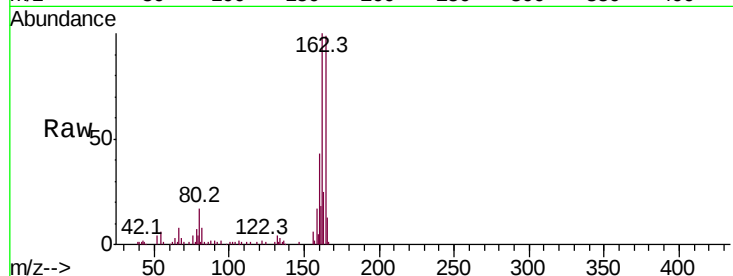
Tot Ion:164 Resp: 69501

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

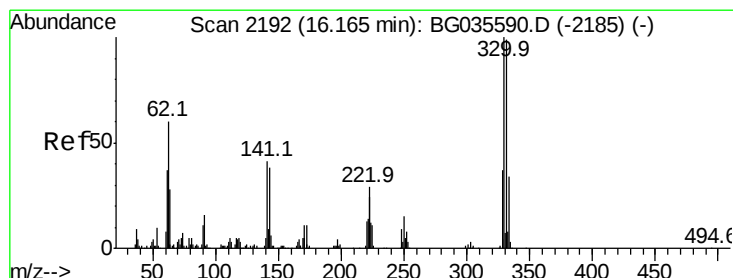
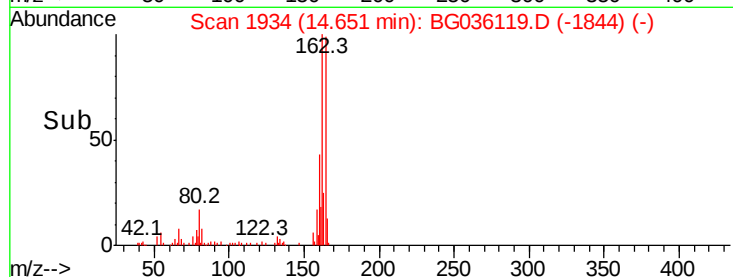
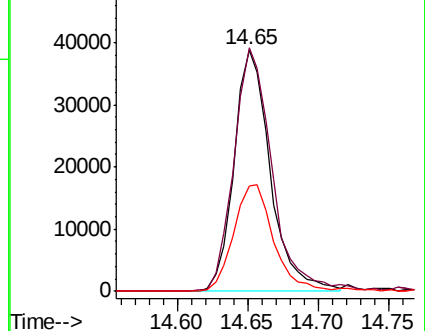
160 43.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 147.657 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG036119.D

Acq: 4 Aug 2018 7:59

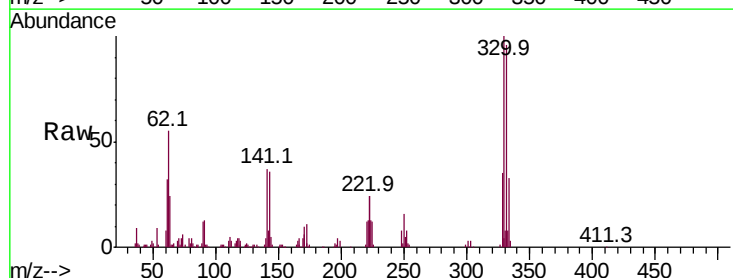
Tgt Ion:330 Resp: 135264

Ion Ratio Lower Upper

330 100

332 90.0 77.0 115.6

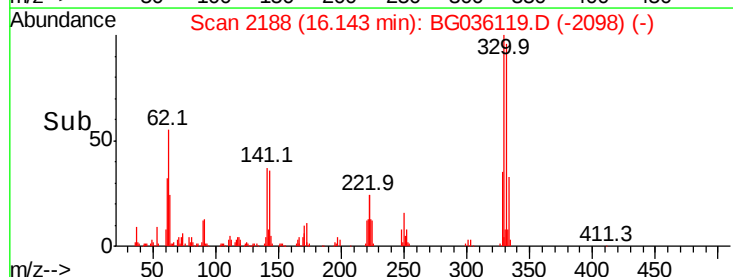
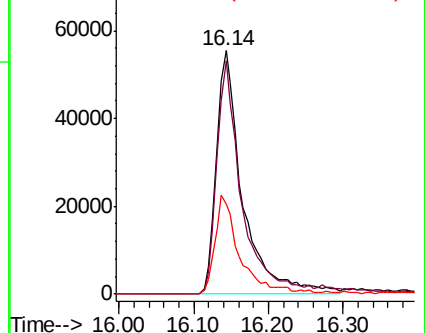
141 37.1 25.2 37.8

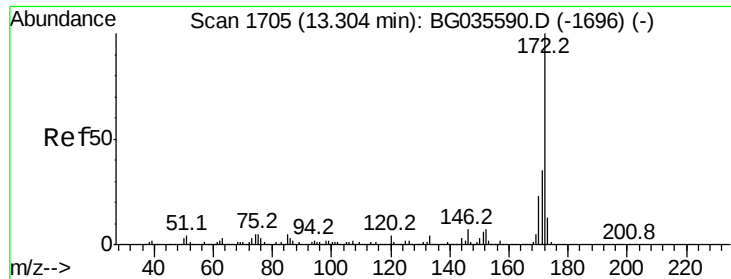


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

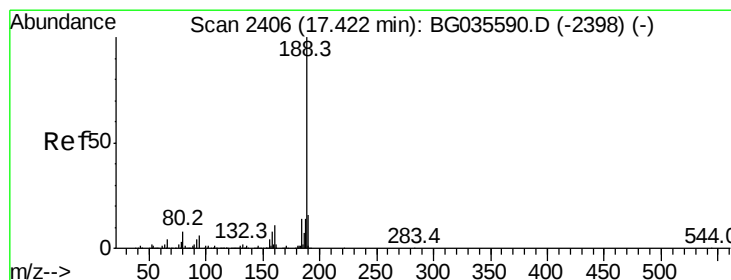
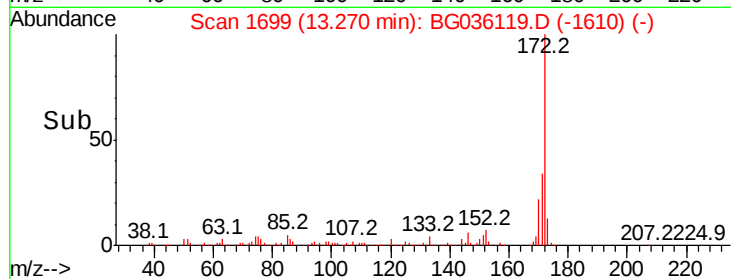
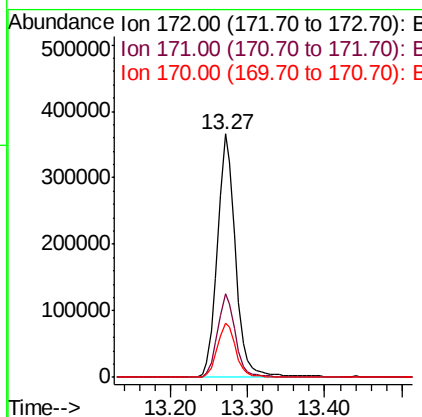
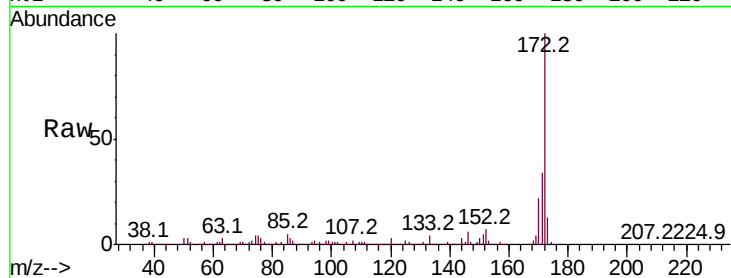




#44
2-Fluorobiphenyl
Concen: 115.062 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036119.D
Acq: 4 Aug 2018 7:59

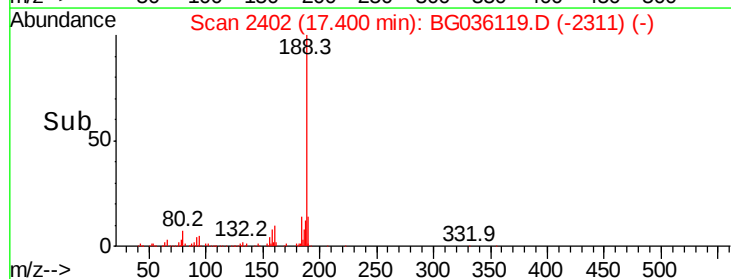
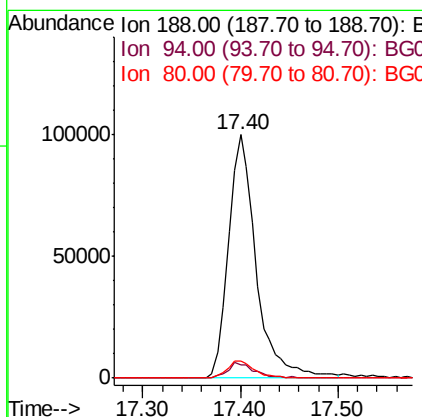
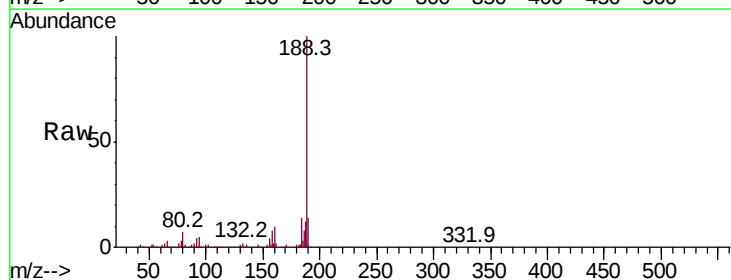
Instrument :
BNA_G
ClientSampleId :
C-9

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.4	19.5	29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BG036119.D
Acq: 4 Aug 2018 7:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	7.1	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3128

Delta R.T. 0.01 min

Lab File: BG036119.D

Acq: 4 Aug 2018 7:59

Instrument :

BNA_G

ClientSampleId :

C-9

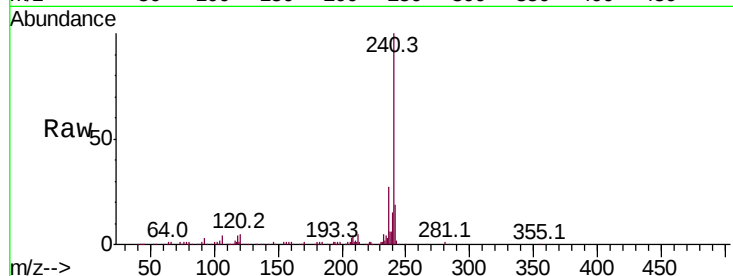
Tot Ion:240 Resp: 212957

Ion Ratio Lower Upper

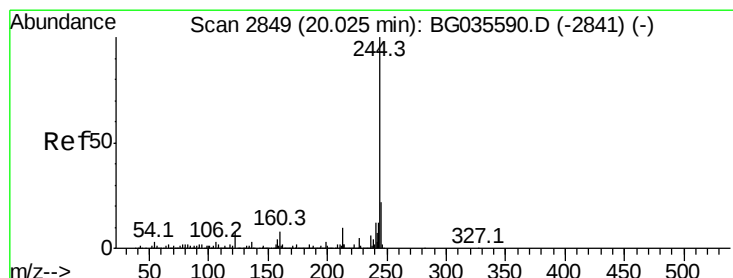
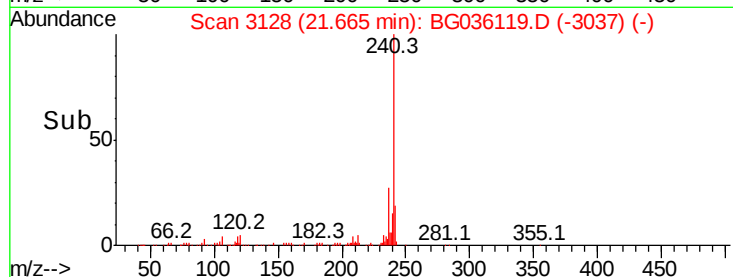
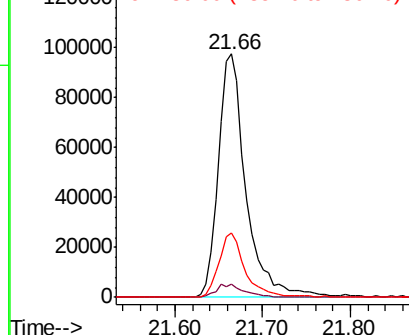
240 100

120 5.5 6.8 10.2#

236 26.5 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: 118.095 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG036119.D

Acq: 4 Aug 2018 7:59

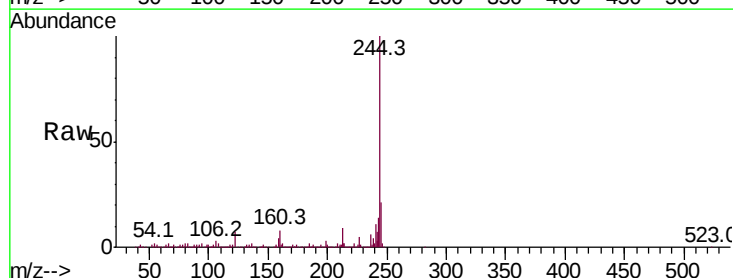
Tgt Ion:244 Resp: 1140915

Ion Ratio Lower Upper

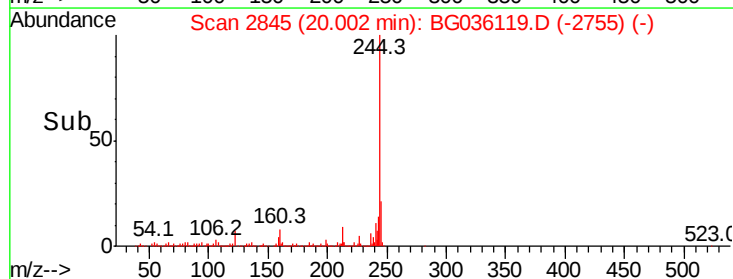
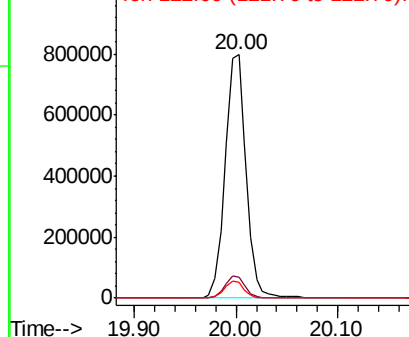
244 100

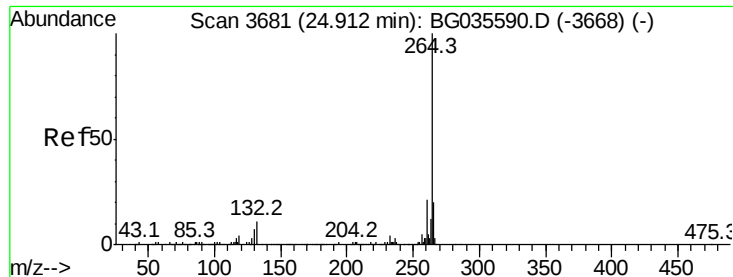
212 8.8 5.8 8.8#

122 6.6 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

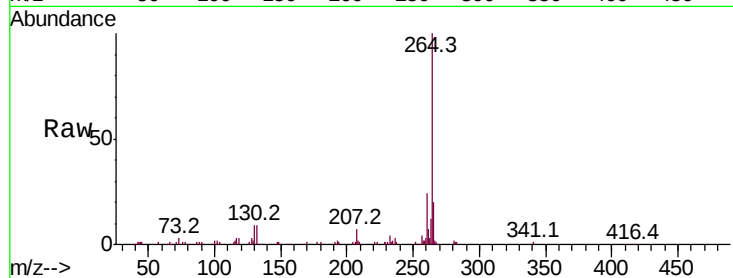




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. 0.01 min
Lab File: BG036119.D
Acq: 4 Aug 2018 7:59

Instrument :
BNA_G
ClientSampleId :
C-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	20.3	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

