

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036022.D
 Acq On : 1 Aug 2018 4:32
 Operator : JU/SJ
 Sample : J3823-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-073018-A

Quant Time: Aug 01 07:33:51 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	38869	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	137479	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	94461	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	266296	20.00	ng	0.00
75) Chrysene-d12	21.65	240	295538	20.00	ng	0.00
86) Perylene-d12	24.85	264	269898	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	310147	132.47	ng	0.00
7) Phenol-d6	7.19	99	402609	115.26	ng	0.00
23) Nitrobenzene-d5	9.18	82	313763	95.34	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	208149	167.18	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	715574	101.49	ng	0.00
78) Terphenyl-d14	20.00	244	1354985	101.06	ng	0.00

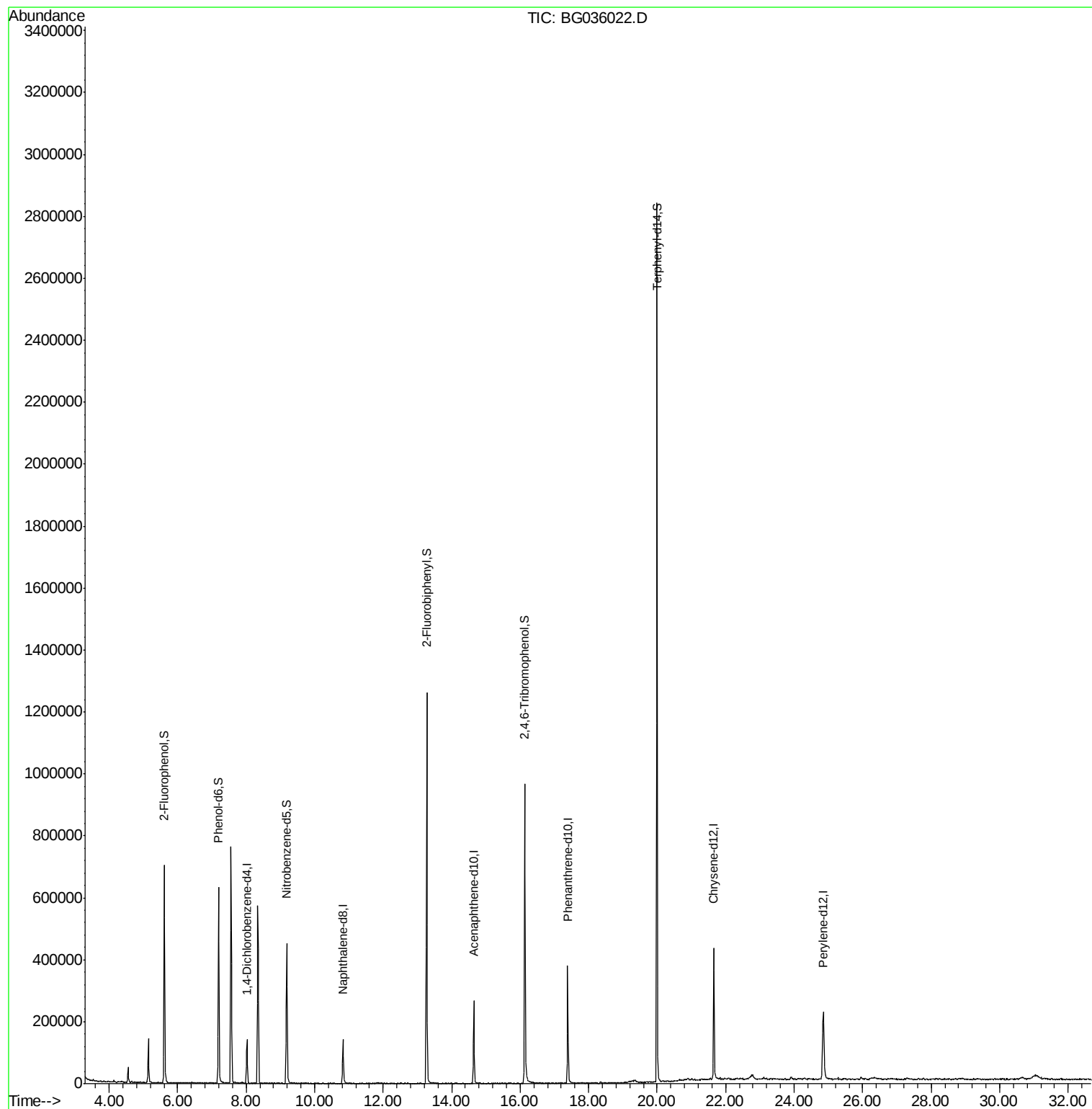
Target Compounds Qvalue

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

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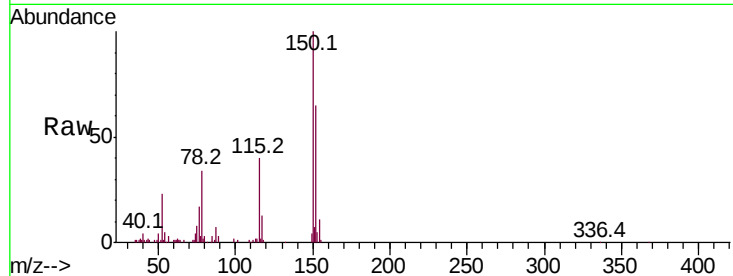


#1

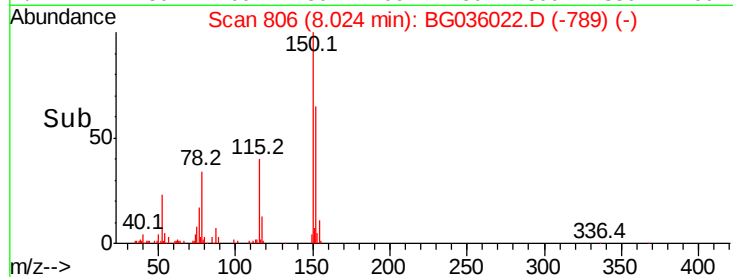
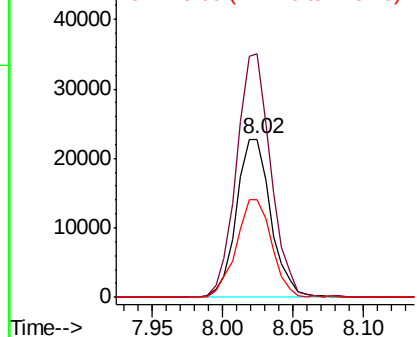
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG036022.D
Acq: 1 Aug 2018 4:32

Instrument :
BNA_G
ClientSampleId :
NB-08-073018-A

Tot Ion:152 Resp: 38869
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 61.7 53.0 79.4



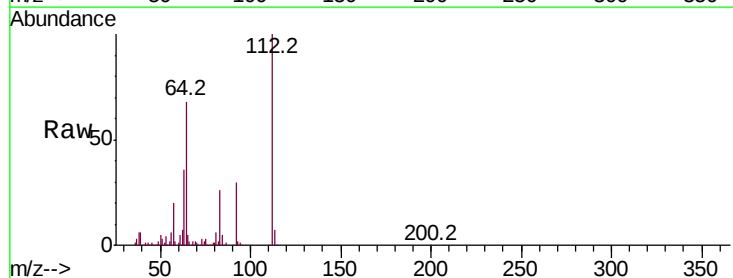
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



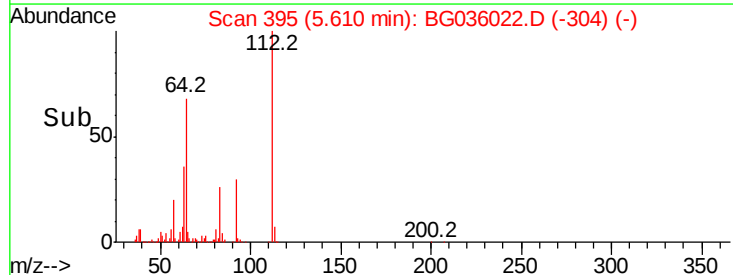
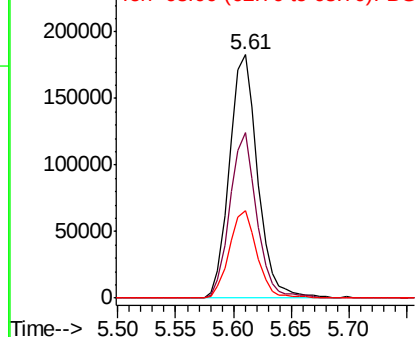
#5

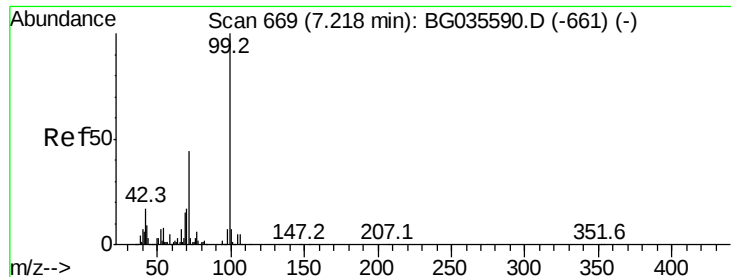
2-Fluorophenol
Concen: 132.475 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG036022.D
Acq: 1 Aug 2018 4:32

Tgt Ion:112 Resp: 310147
Ion Ratio Lower Upper
112 100
64 68.0 56.3 84.5
63 35.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 115.261 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036022.D

Acq: 1 Aug 2018 4:32

Instrument :

BNA_G

ClientSampleId :

NB-08-073018-A

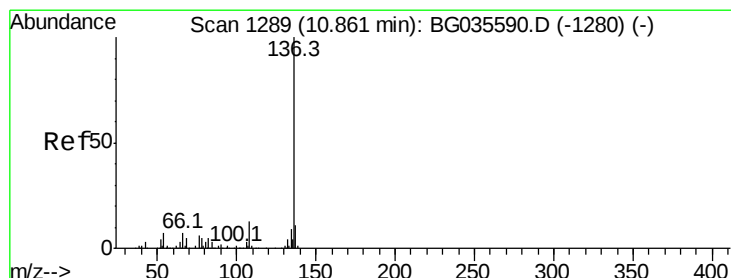
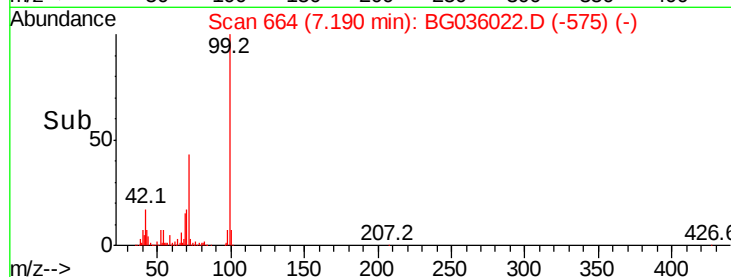
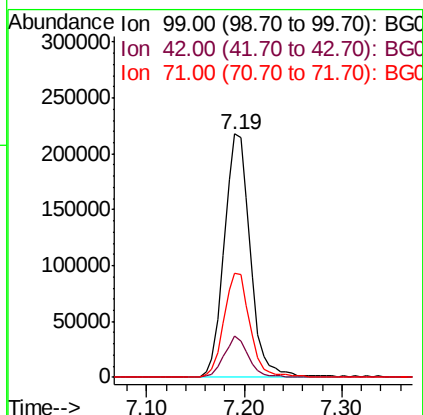
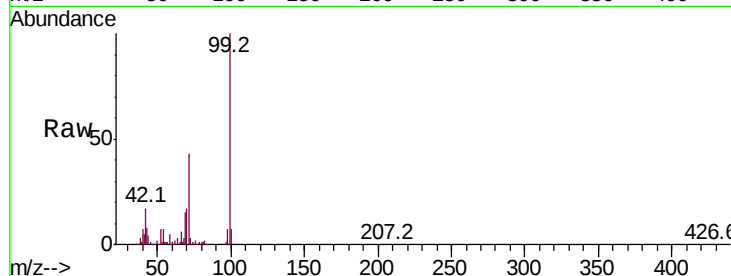
Tot Ion: 99 Resp: 402609

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

71 42.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036022.D

Acq: 1 Aug 2018 4:32

Tgt Ion: 136 Resp: 137479

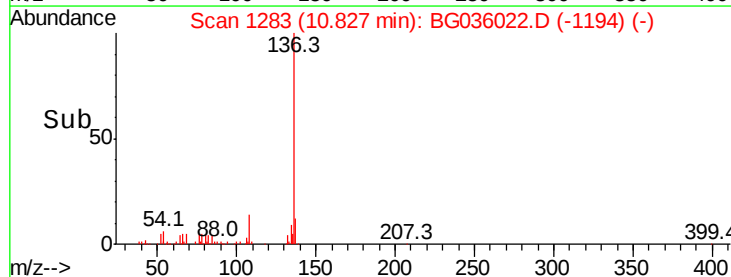
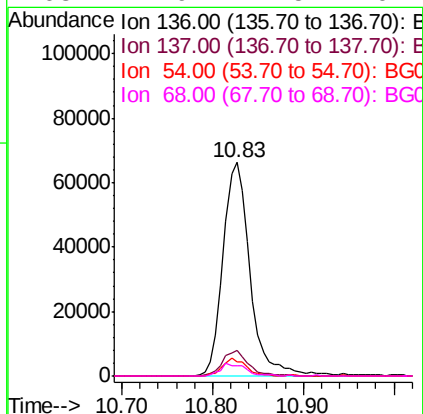
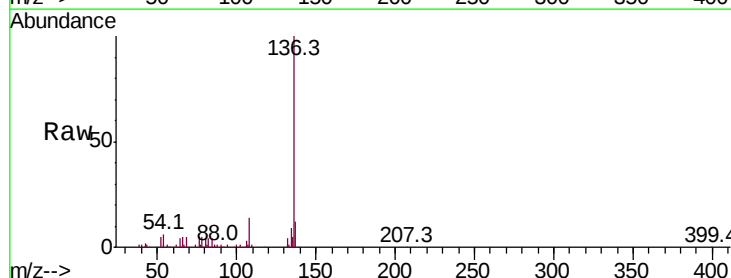
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 6.3 10.3 15.5#

68 4.9 4.5 6.7

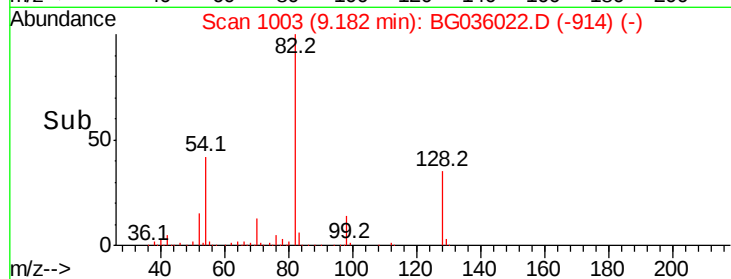
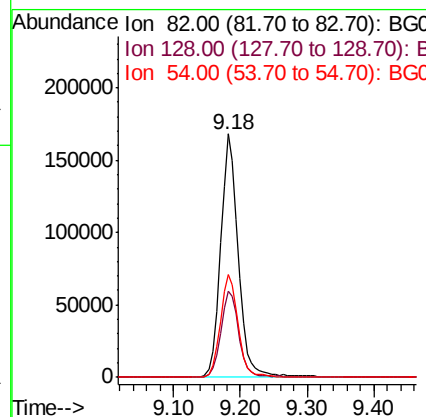
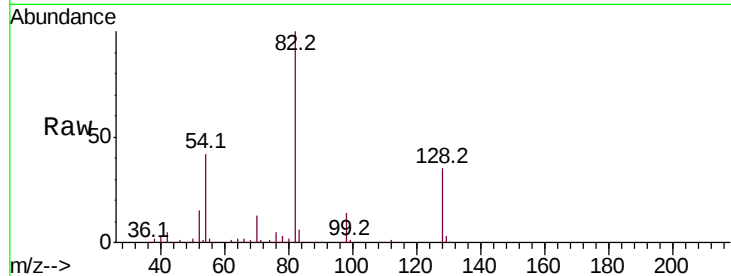




#23
Nitrobenzene-d5
Concen: 95.341 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036022.D
Acq: 1 Aug 2018 4:32

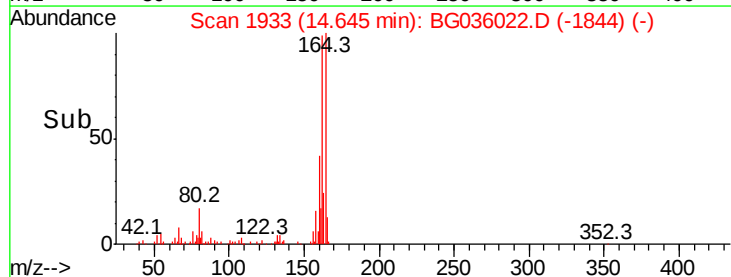
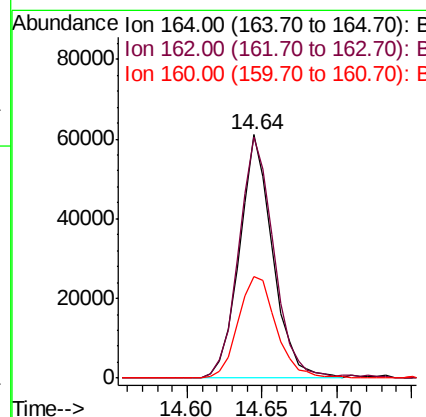
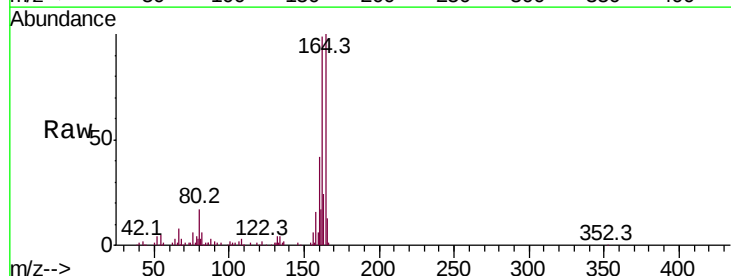
Instrument :
BNA_G
ClientSampleId :
NB-08-073018-A

Tot Ion: 82 Resp: 313763
Ion Ratio Lower Upper
82 100
128 35.2 29.7 44.5
54 42.4 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG036022.D
Acq: 1 Aug 2018 4:32

Tgt Ion:164 Resp: 94461
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 41.9 35.4 53.0

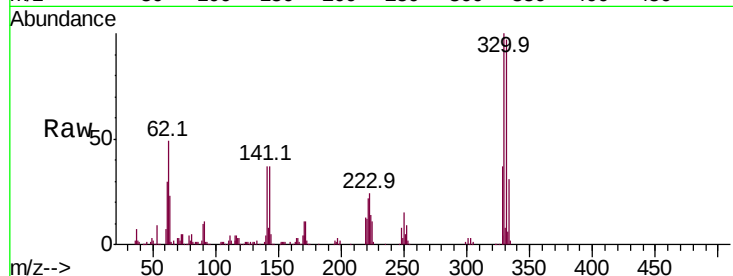




#41
2,4,6-Tribromophenol
Concen: 167.180 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036022.D
Acq: 1 Aug 2018 4:32

Instrument :
BNA_G
ClientSampleId :
NB-08-073018-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	37.8	25.2	37.8#

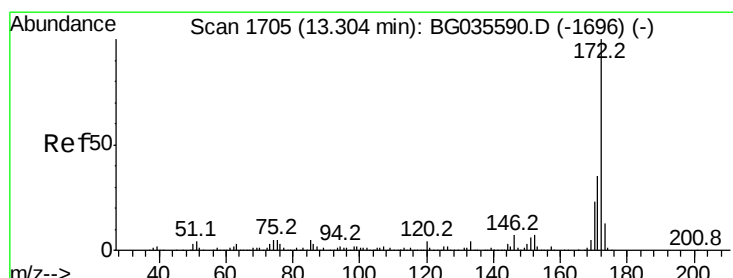
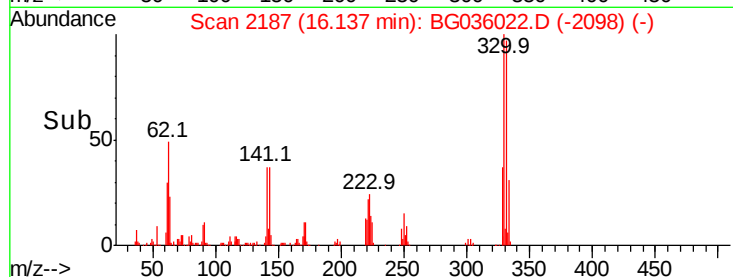
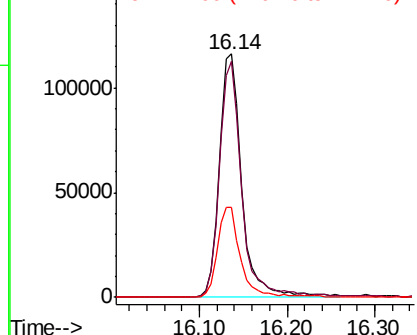


Abundance

Ion 329.80 (329.50 to 330.50): E

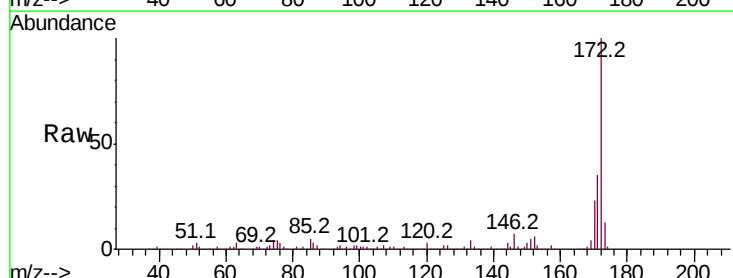
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 101.490 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036022.D
Acq: 1 Aug 2018 4:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.4	19.5	29.3

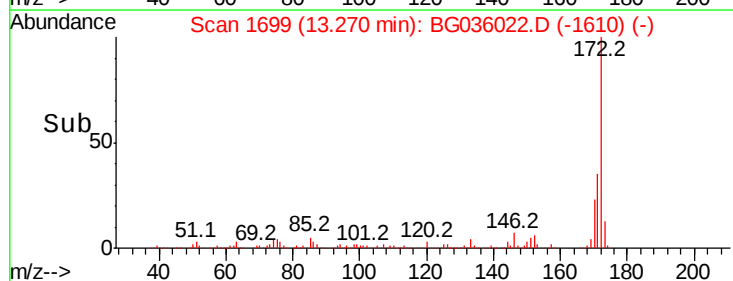
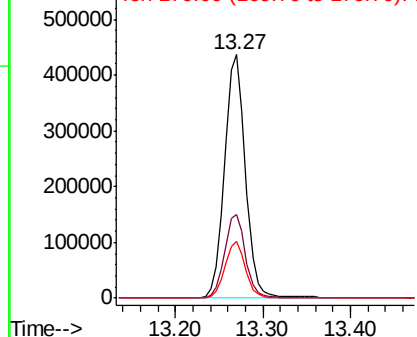


Abundance

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# 2400

Delta R.T. -0.01 min

Lab File: BG036022.D

Acq: 1 Aug 2018 4:32

Instrument :

BNA_G

ClientSampleId :

NB-08-073018-A

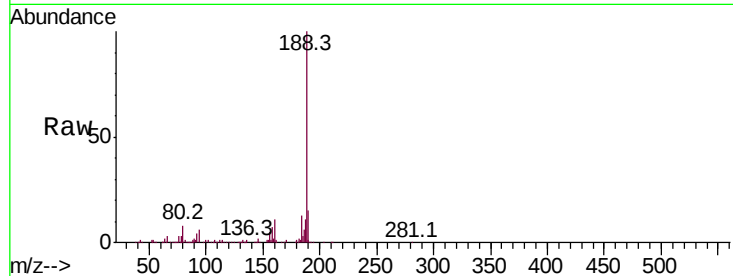
Tot Ion:188 Resp: 266296

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

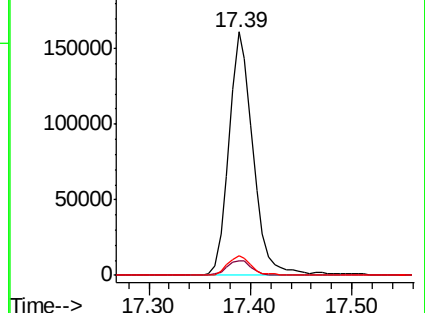
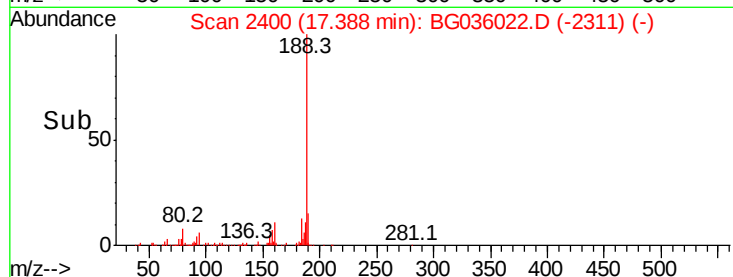
80 8.0 7.7 11.5



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: BG036022.D

Acq: 1 Aug 2018 4:32

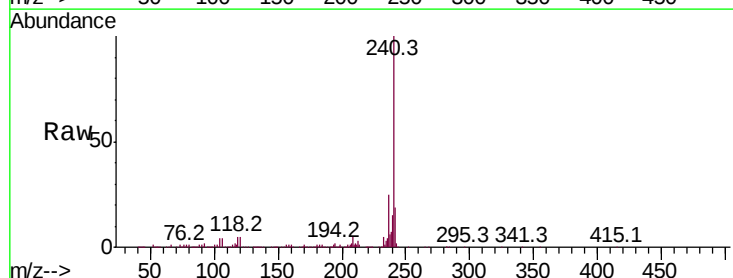
Tgt Ion:240 Resp: 295538

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

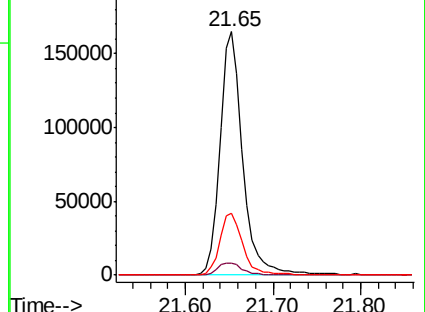
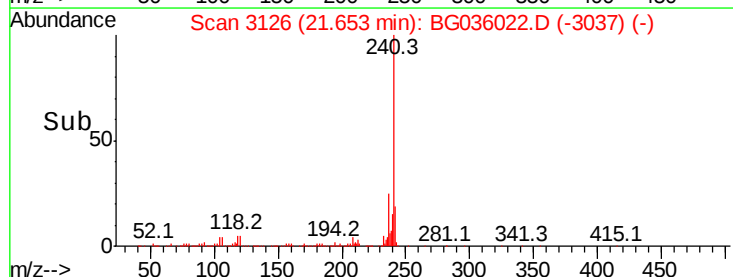
236 25.2 20.9 31.3

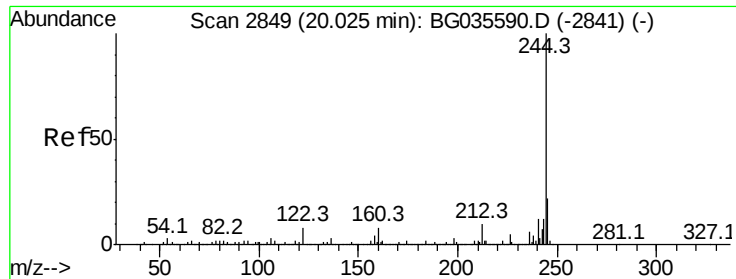


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.063 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036022.D

Acq: 1 Aug 2018 4:32

Instrument :

BNA_G

ClientSampleId :

NB-08-073018-A

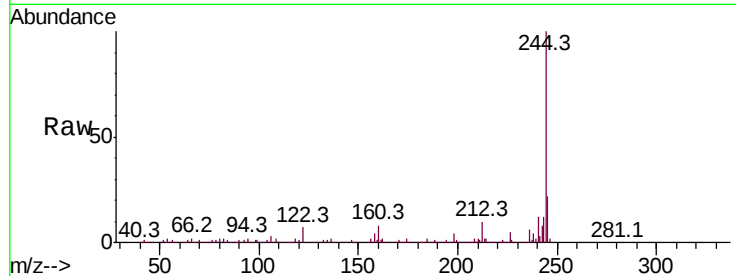
Tot Ion:244 Resp: 1354985

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

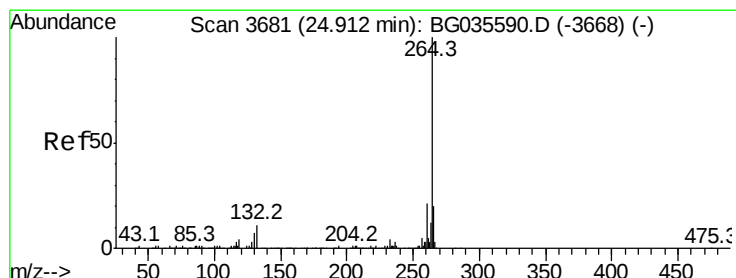
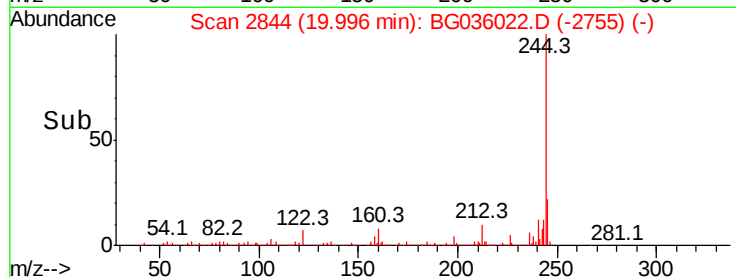
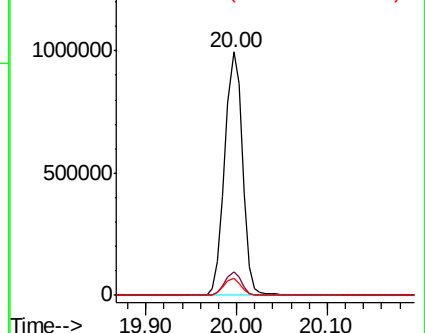
122 6.9 7.0 10.4#



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: BG036022.D

Acq: 1 Aug 2018 4:32

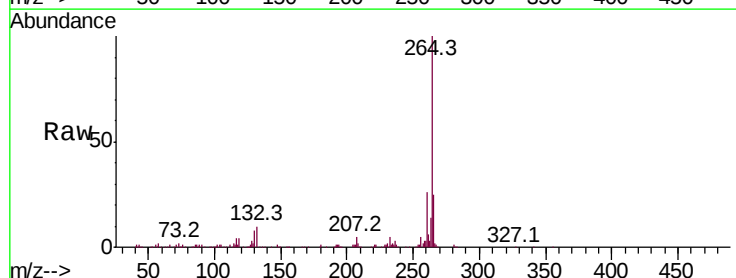
Tgt Ion:264 Resp: 269898

Ion Ratio Lower Upper

264 100

260 25.6 17.4 26.0

265 24.6 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

