

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034148.D
 Acq On : 3 May 2018 12:42
 Operator : SJ/JU
 Sample : J2669-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-050118-B

Quant Time: May 03 14:05:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	70255	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	270674	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	210341	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	616135	20.00	ng	0.00
75) Chrysene-d12	21.76	240	758253	20.00	ng	-0.01
86) Perylene-d12	25.05	264	732449	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	615294	141.50	ng	0.00
7) Phenol-d6	7.22	99	832235	122.93	ng	0.00
23) Nitrobenzene-d5	9.24	82	722476	102.41	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	478271	164.21	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1443426	99.99	ng	-0.01
78) Terphenyl-d14	20.09	244	3121680	90.19	ng	0.00

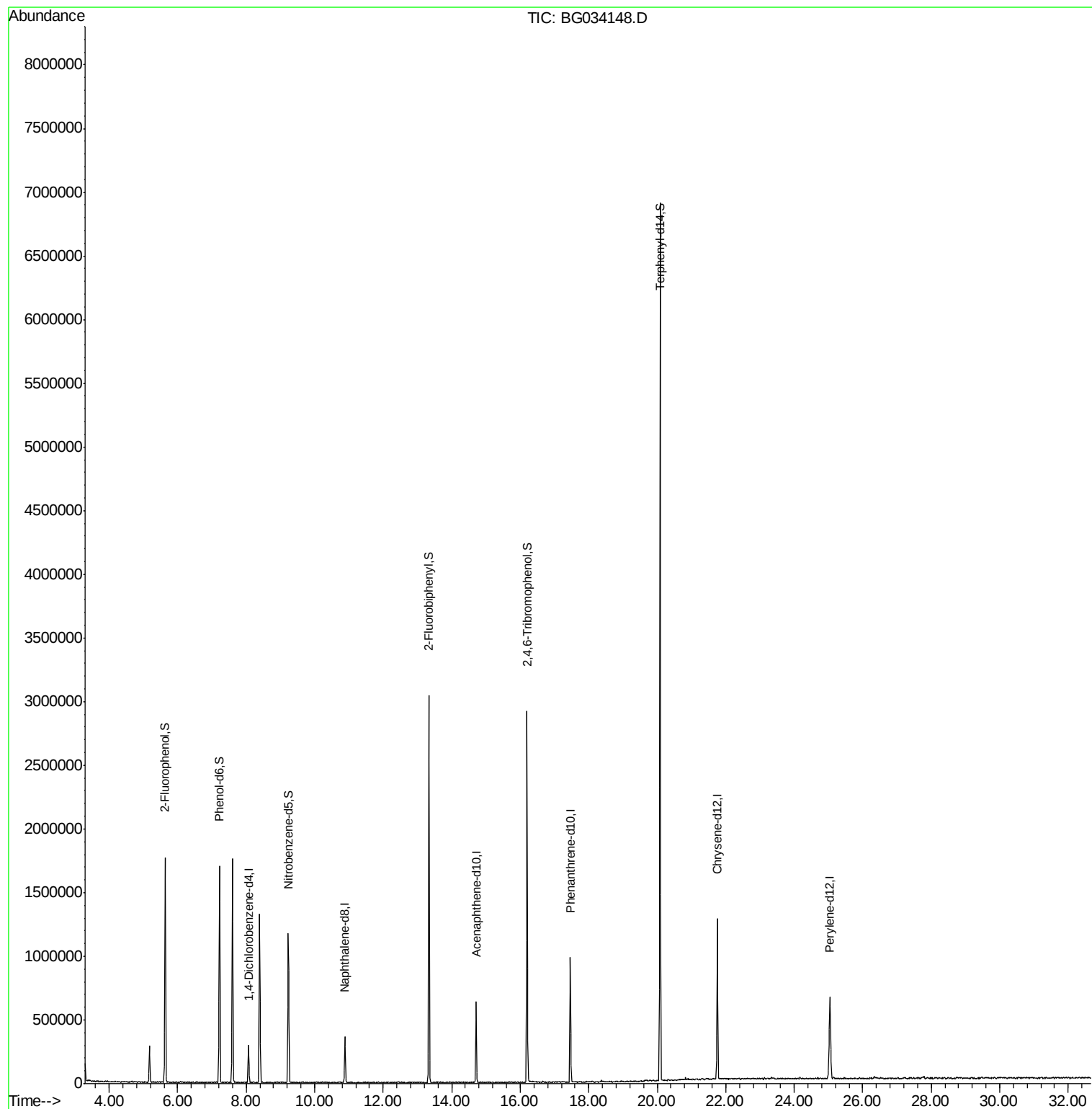
Target Compounds Qvalue

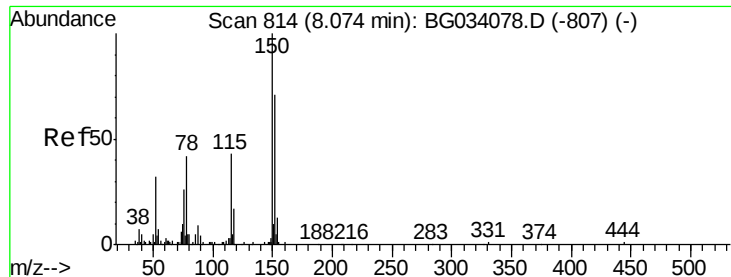
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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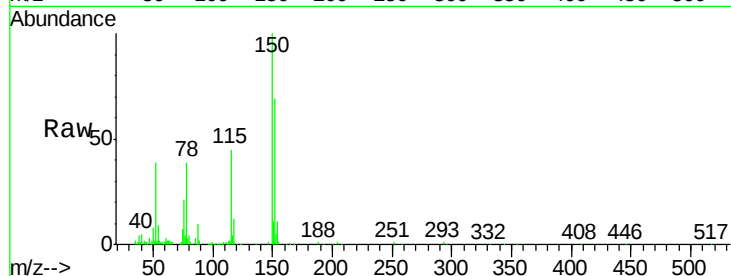


#1

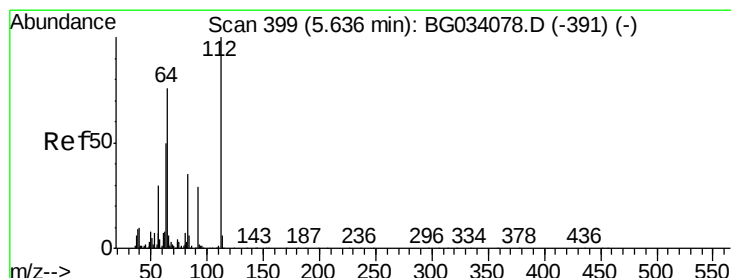
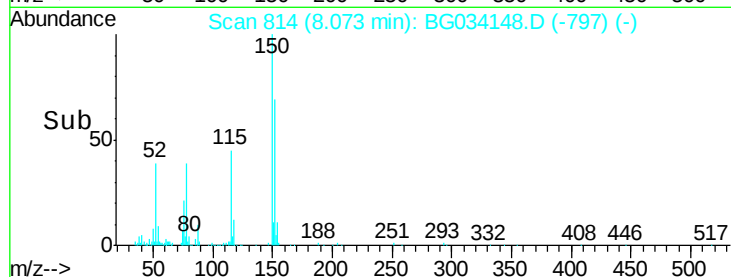
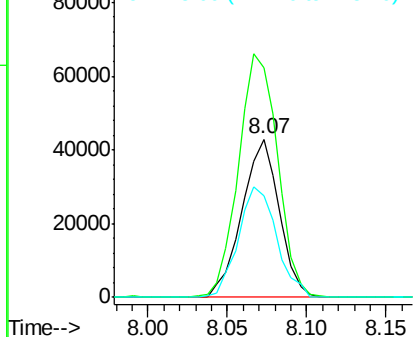
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

Instrument :
BNA_G
ClientSampleId :
SU-03-050118-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.9	126.6	189.8
115	64.5	53.0	79.4



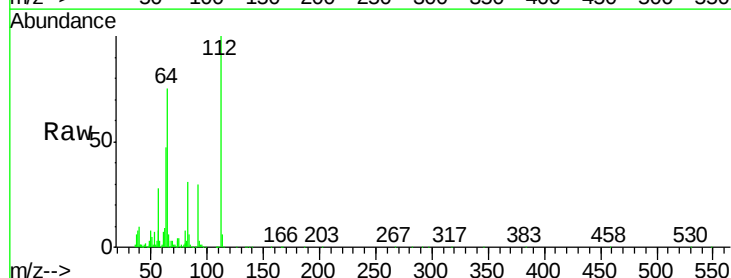
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



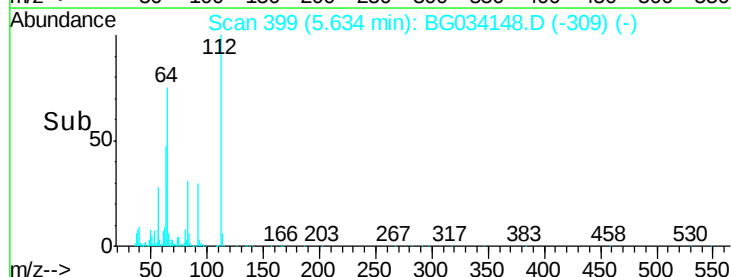
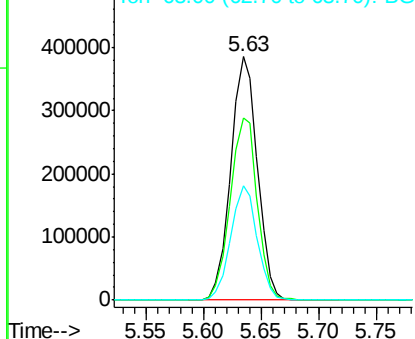
#5

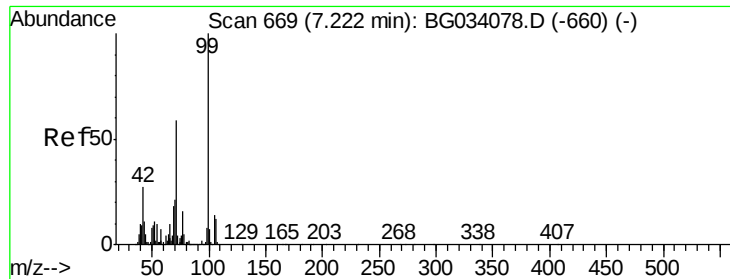
2-Fluorophenol
Concen: 141.497 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.0	56.3	84.5
63	47.1	30.1	45.1



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





#7

Phenol-d6

Concen: 122.935 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

Instrument :

BNA_G

ClientSampleId :

SU-03-050118-B

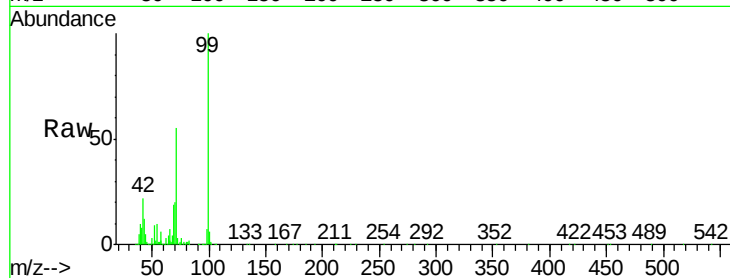
Tot Ion: 99 Resp: 832235

Ion Ratio Lower Upper

99 100

42 22.3 14.1 21.1#

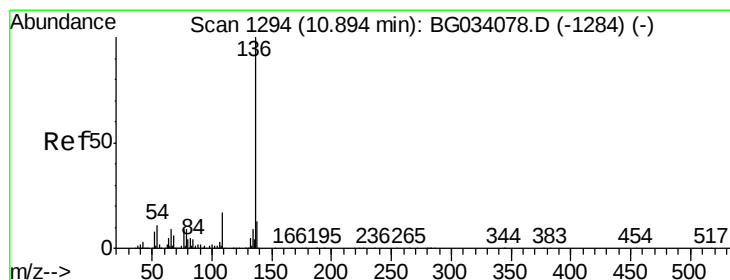
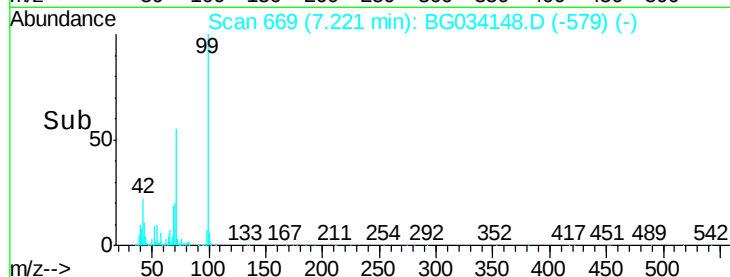
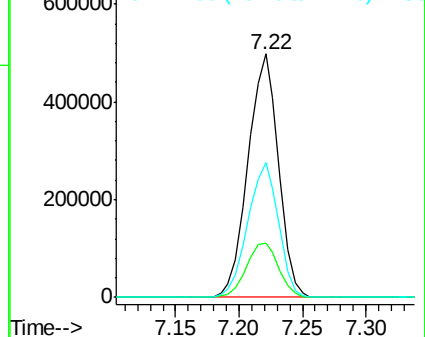
71 55.4 26.1 39.1#



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: 10.88 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

Tgt Ion: 136 Resp: 270674

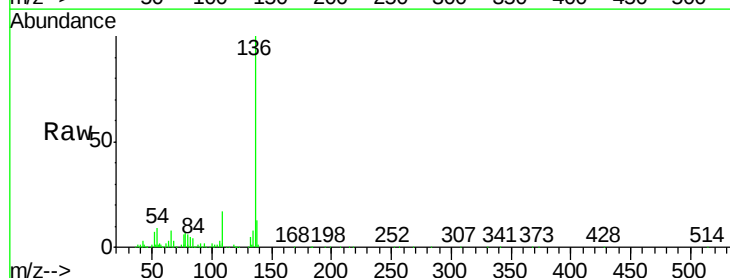
Ion Ratio Lower Upper

136 100

137 13.4 9.2 13.8

54 9.0 10.3 15.5#

68 3.5 4.5 6.7#

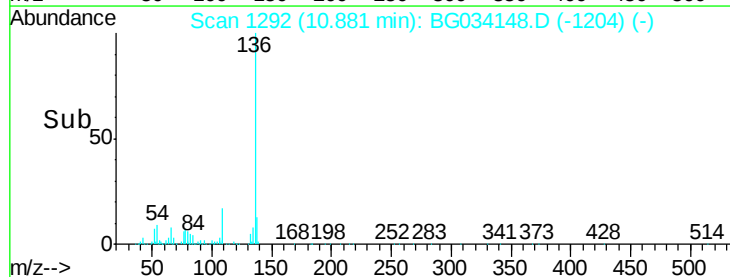
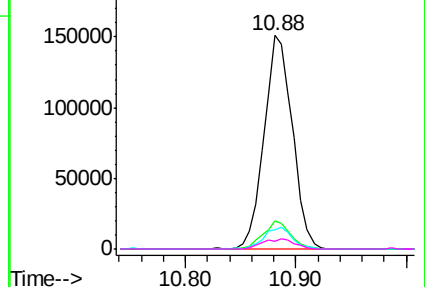


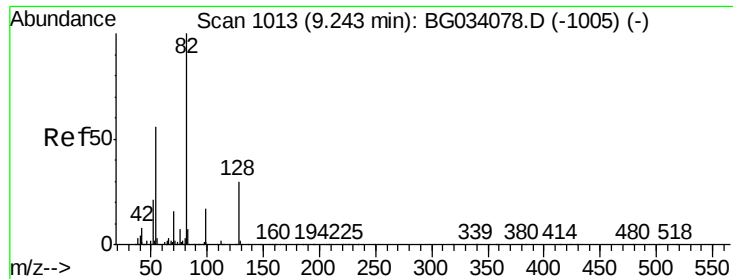
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

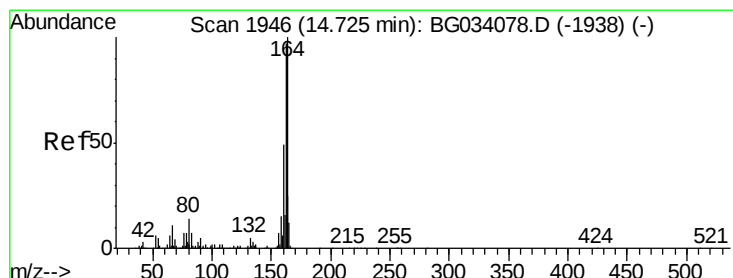
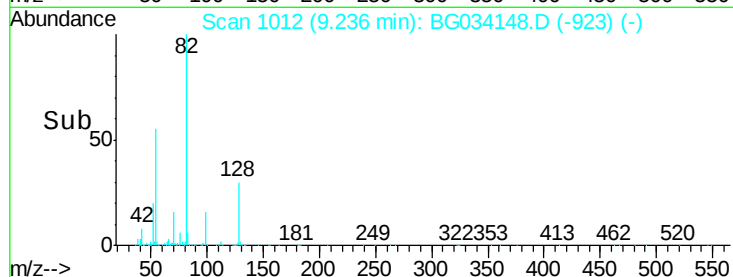
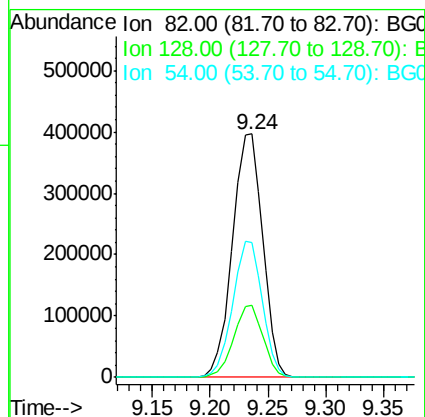
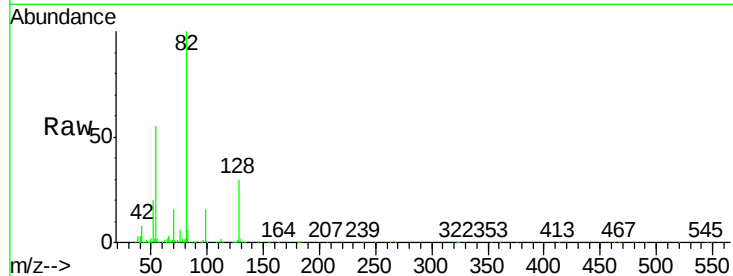




#23
Nitrobenzene-d5
Concen: 102.411 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

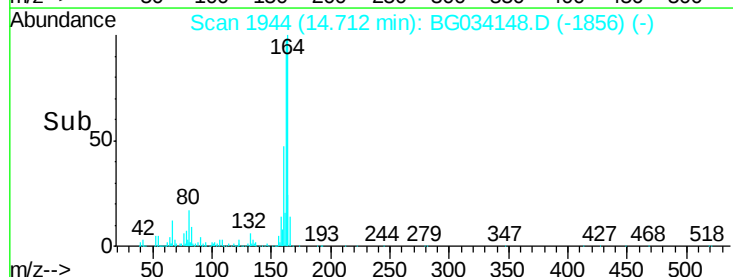
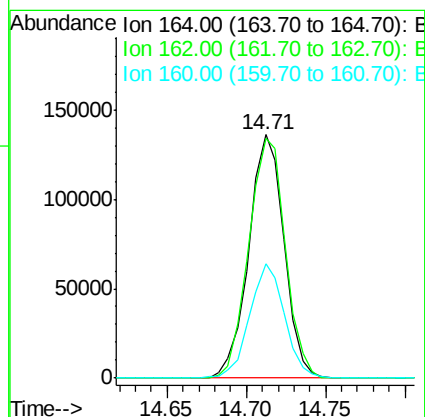
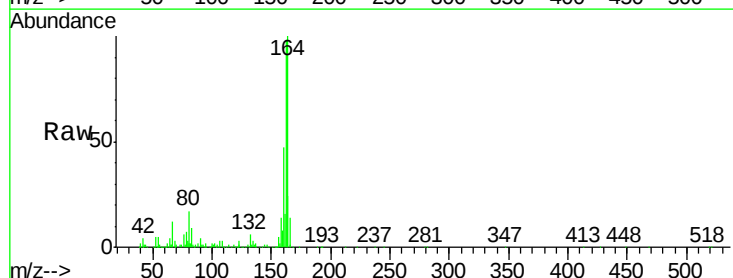
Instrument :
BNA_G
ClientSampleId :
SU-03-050118-B

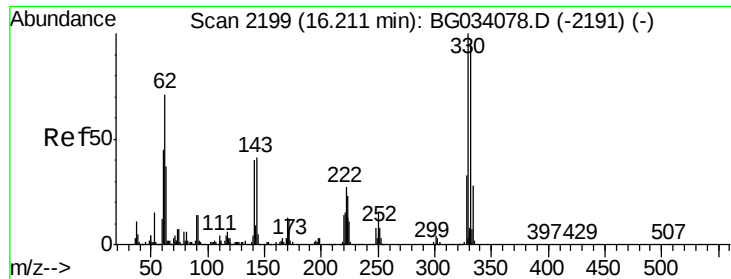
Tot Ion: 82 Resp: 722476
Ion Ratio Lower Upper
82 100
128 29.7 29.7 44.5
54 55.4 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

Tgt Ion:164 Resp: 210341
Ion Ratio Lower Upper
164 100
162 98.3 78.8 118.2
160 47.0 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 164.207 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

Instrument :

BNA_G

ClientSampleId :

SU-03-050118-B

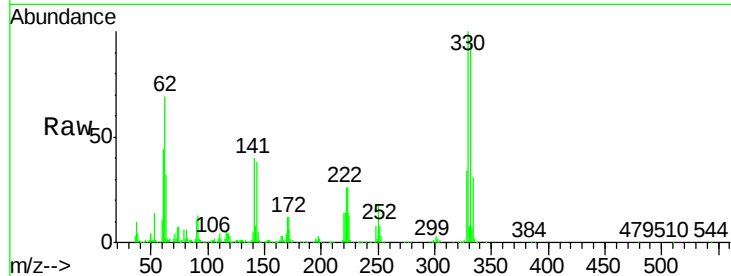
Tot Ion:330 Resp: 478271

Ion Ratio Lower Upper

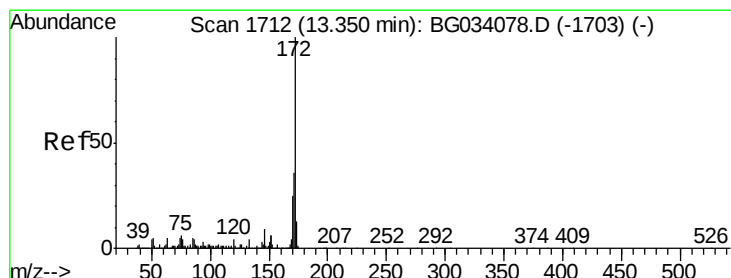
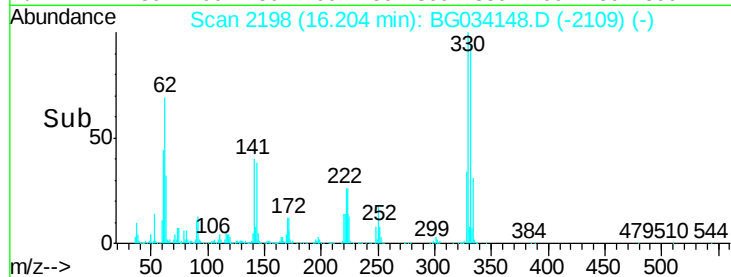
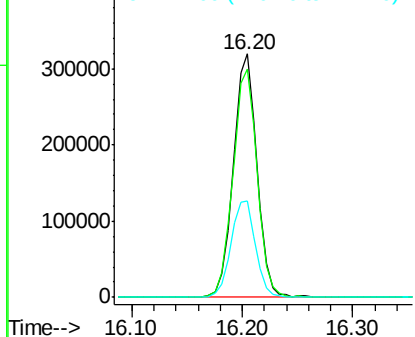
330 100

332 96.3 77.0 115.6

141 41.8 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: 99.995 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

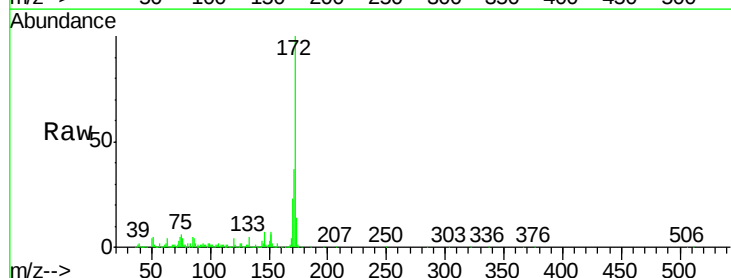
Tgt Ion:172 Resp: 1443426

Ion Ratio Lower Upper

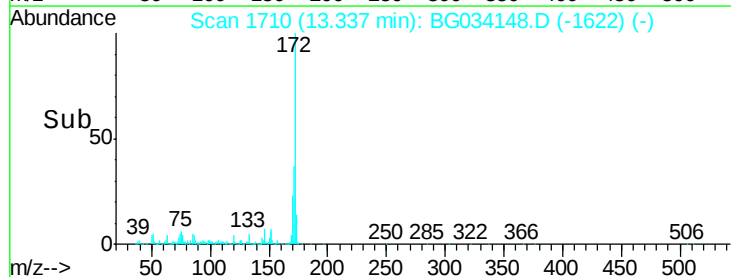
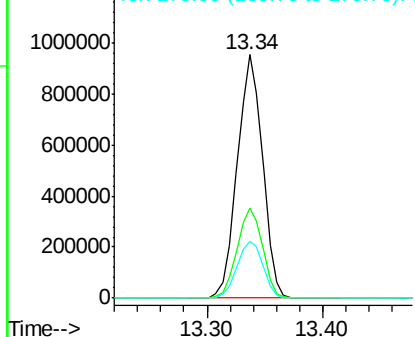
172 100

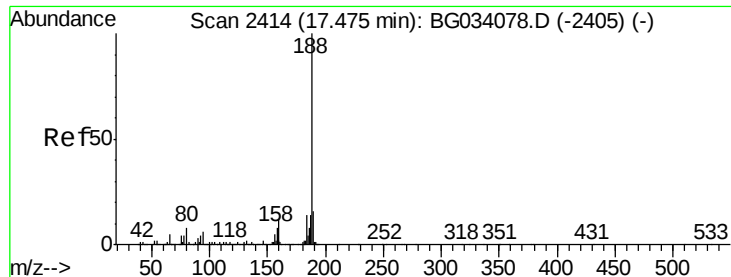
171 37.2 30.0 45.0

170 23.2 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

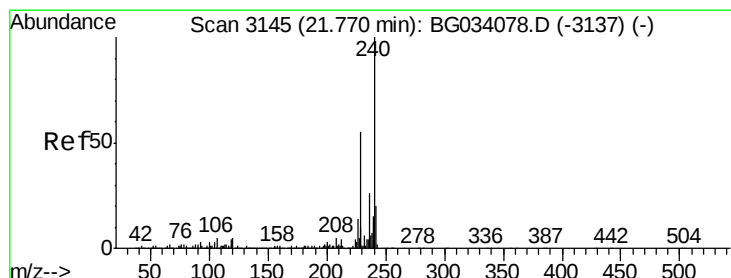
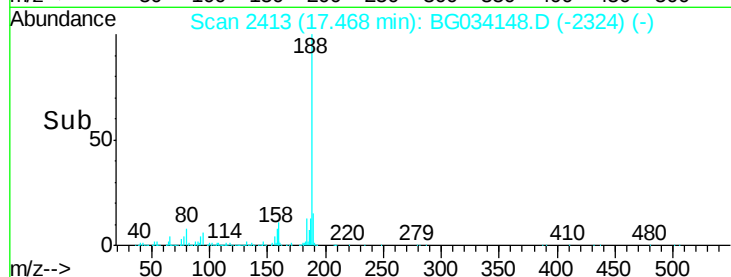
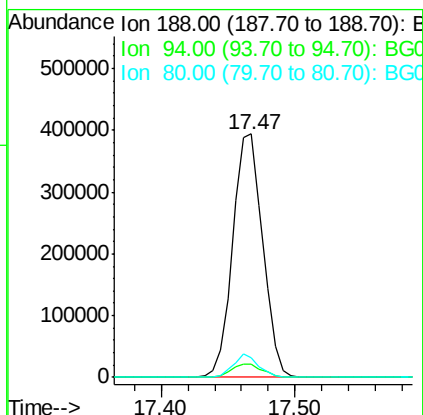
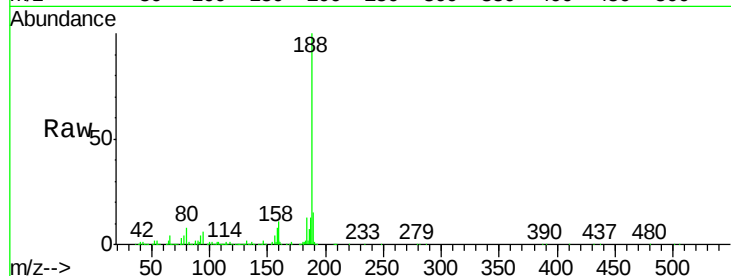




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

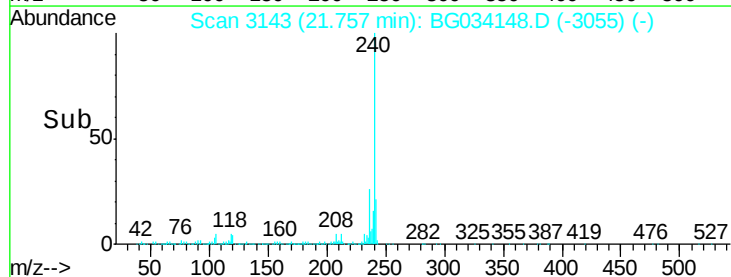
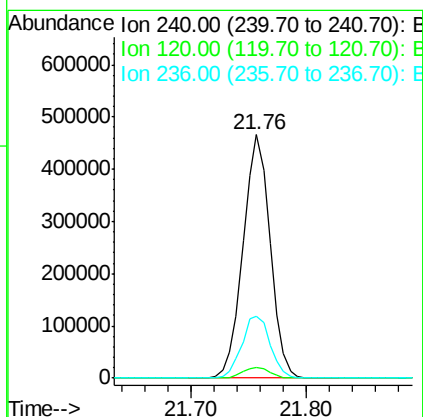
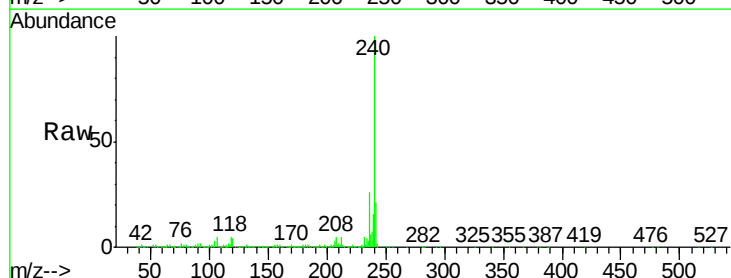
Instrument :
BNA_G
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SU-03-050118-B

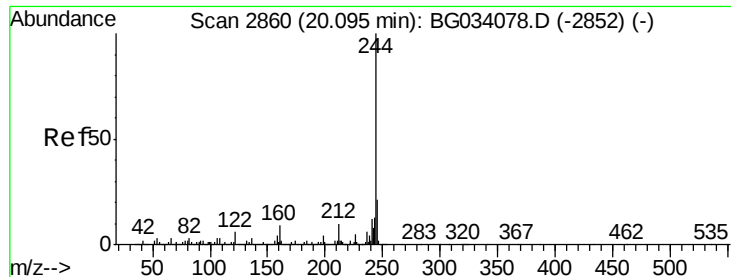
Tot Ion:188 Resp: 616135
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG034148.D
Acq: 3 May 2018 12:42

Tgt Ion:240 Resp: 758253
Ion Ratio Lower Upper
240 100
120 4.2 6.8 10.2#
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 90.188 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

Instrument :

BNA_G

ClientSampleId :

SU-03-050118-B

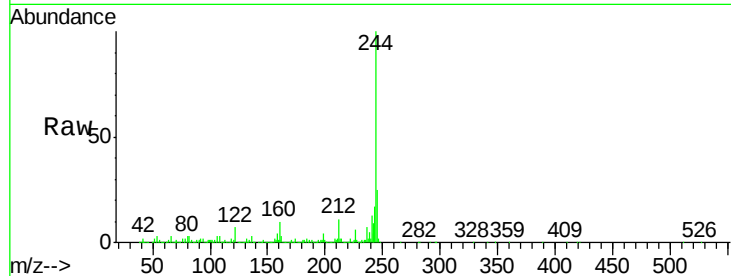
Tot Ion:244 Resp: 3121680

Ion Ratio Lower Upper

244 100

212 11.0 5.8 8.8#

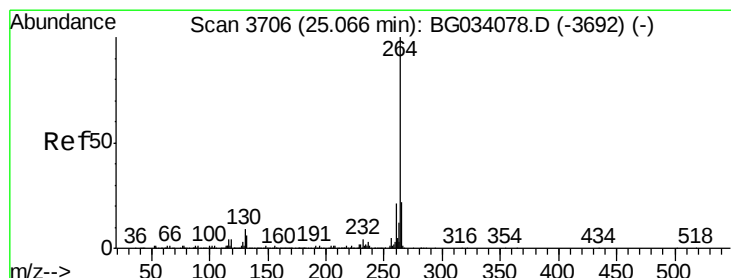
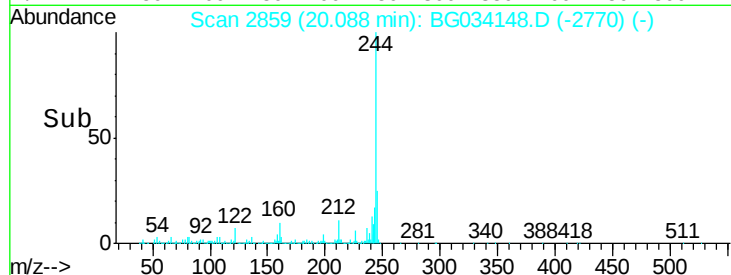
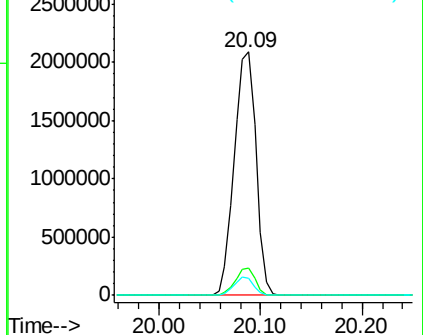
122 6.8 7.0 10.4#



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: 25.05 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG034148.D

Acq: 3 May 2018 12:42

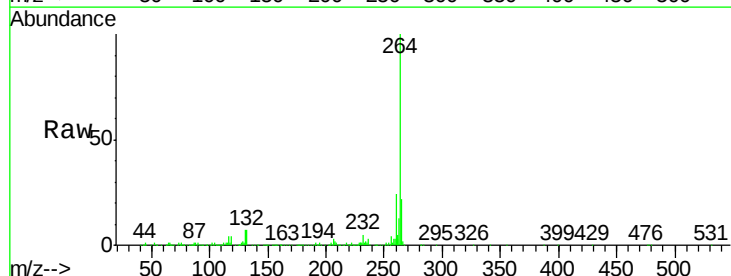
Tgt Ion:264 Resp: 732449

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.6 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

