

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034125.D
 Acq On : 2 May 2018 20:46
 Operator : SJ/JU
 Sample : J2157-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-B

Quant Time: May 03 05:19:38 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	79719	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	316820	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	244439	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	720268	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	752372	20.00	ng	-0.01
86) Perylene-d12	25.04	264	727444	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	702276	142.33	ng	0.00
7) Phenol-d6	7.22	99	955225	124.35	ng	0.00
23) Nitrobenzene-d5	9.24	82	855048	103.55	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	578852	171.02	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1664002	99.19	ng	-0.01
78) Terphenyl-d14	20.08	244	3425449	99.74	ng	-0.01

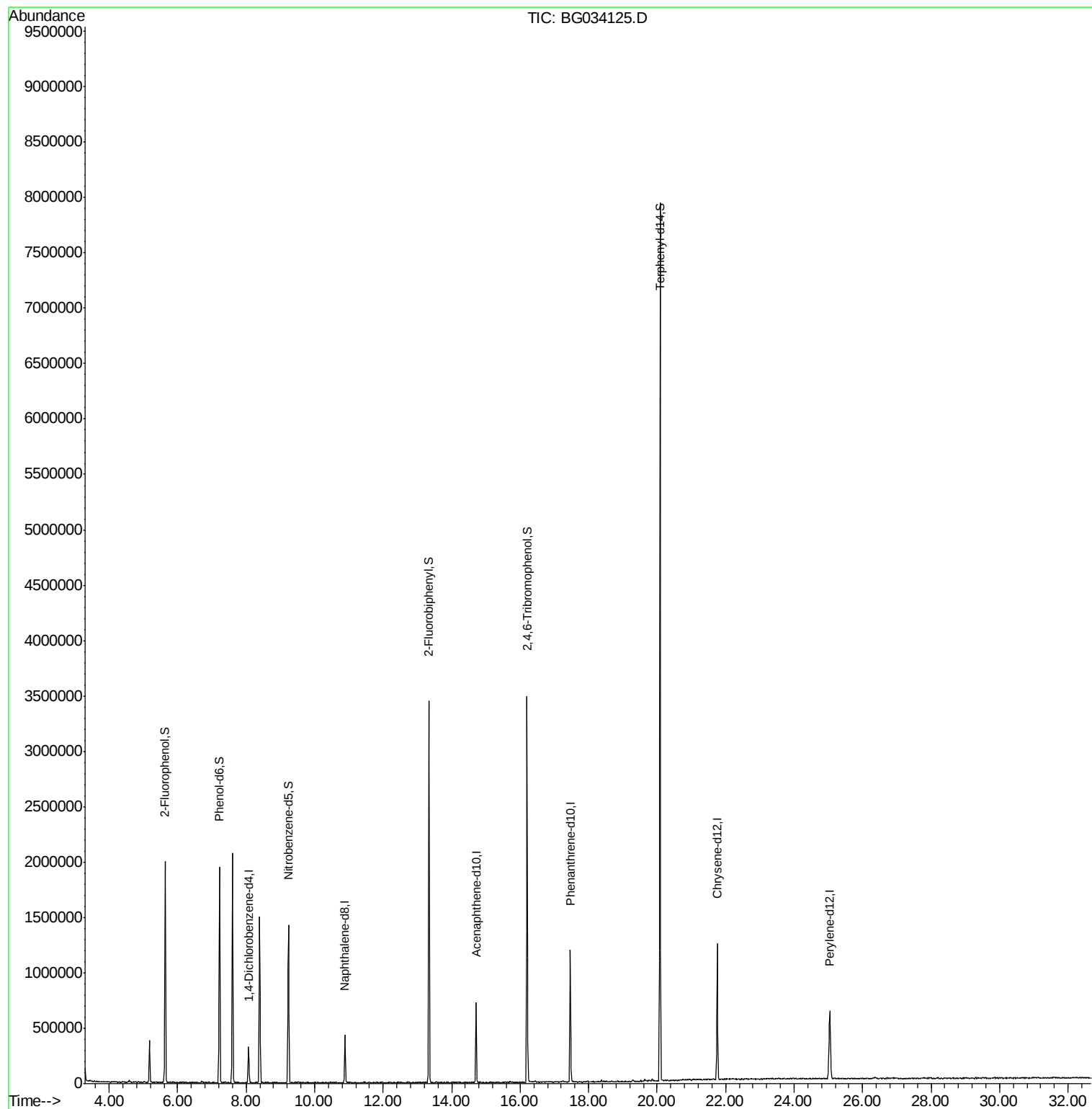
Target Compounds Qvalue

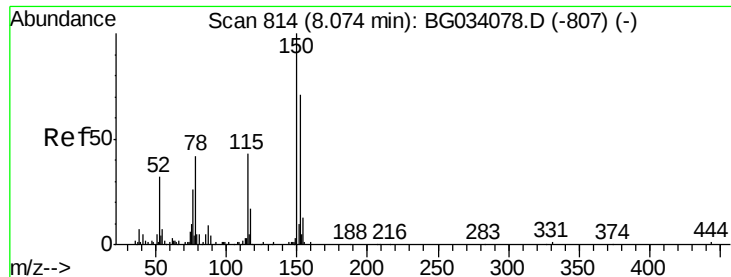
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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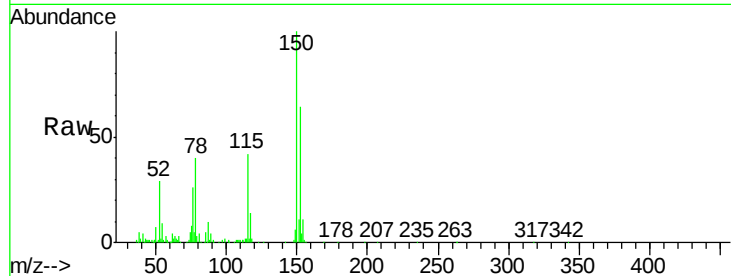


#1

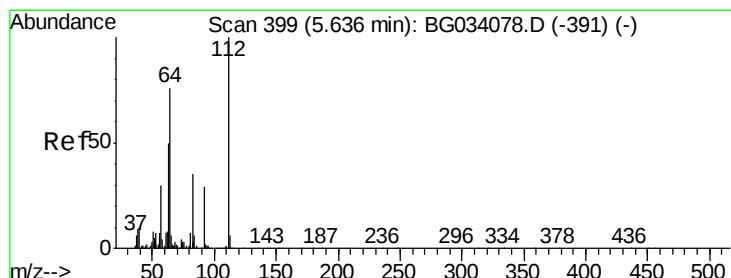
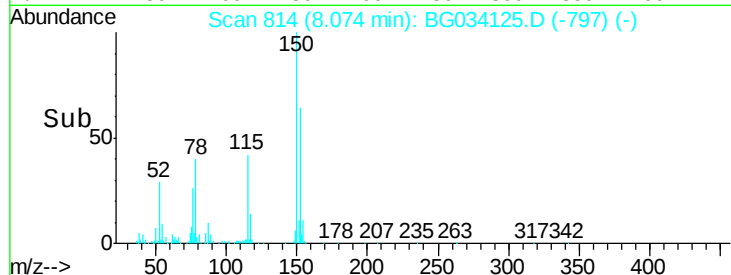
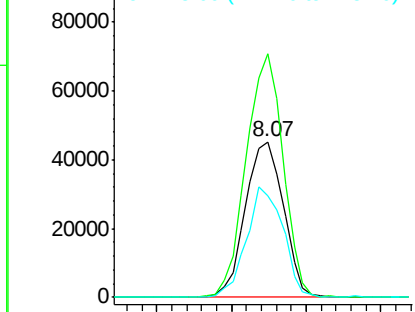
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG034125.D
Acq: 2 May 2018 20:46

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-B

Tot Ion:152 Resp: 79719
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 65.4 53.0 79.4



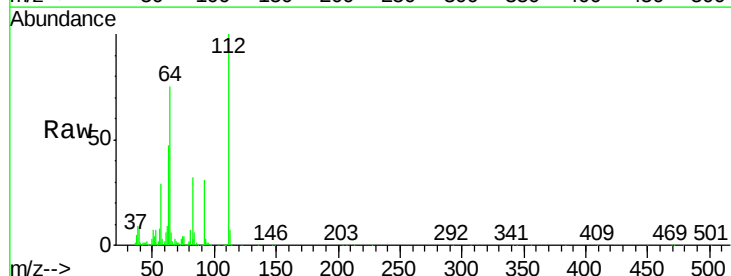
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



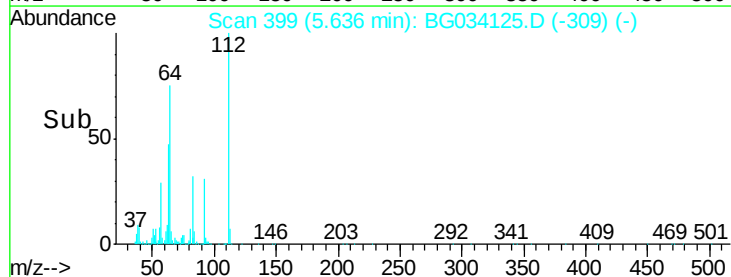
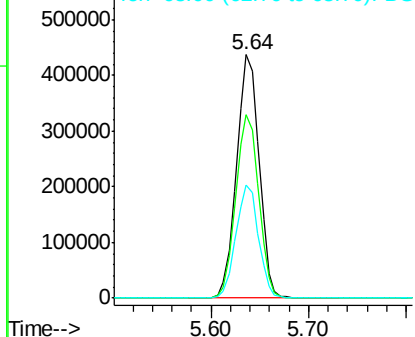
#5

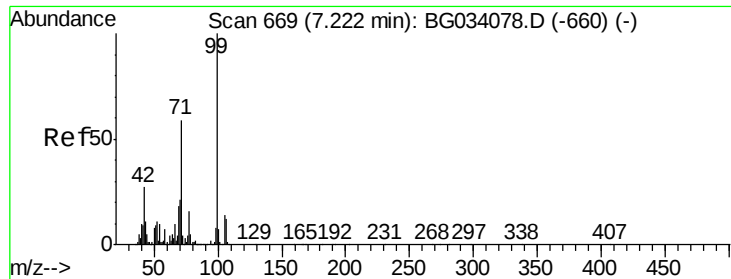
2-Fluorophenol
Concen: 142.327 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG034125.D
Acq: 2 May 2018 20:46

Tgt Ion:112 Resp: 702276
Ion Ratio Lower Upper
112 100
64 75.5 56.3 84.5
63 46.5 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: 124.351 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG034125.D

Acq: 2 May 2018 20:46

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-B

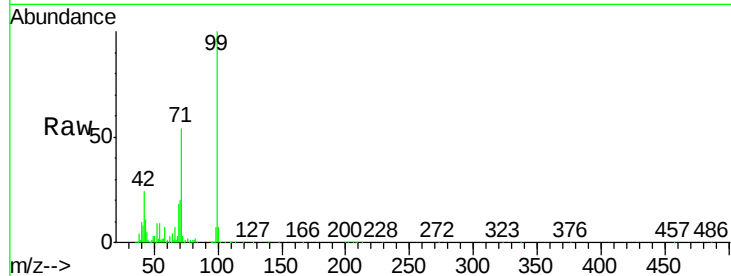
Tot Ion: 99 Resp: 955225

Ion Ratio Lower Upper

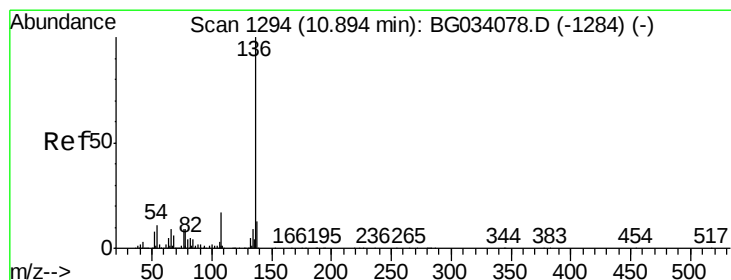
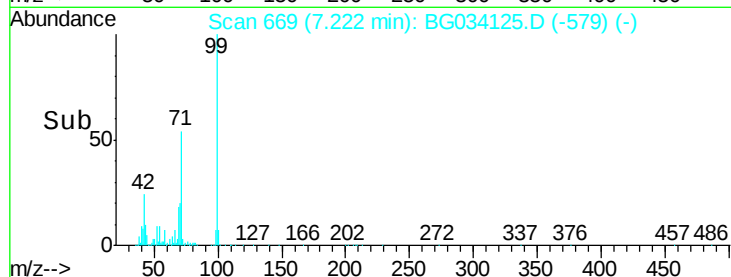
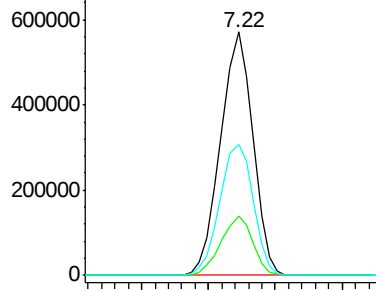
99 100

42 24.1 14.1 21.1#

71 53.6 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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034125.D

Acq: 2 May 2018 20:46

Tgt Ion: 136 Resp: 316820

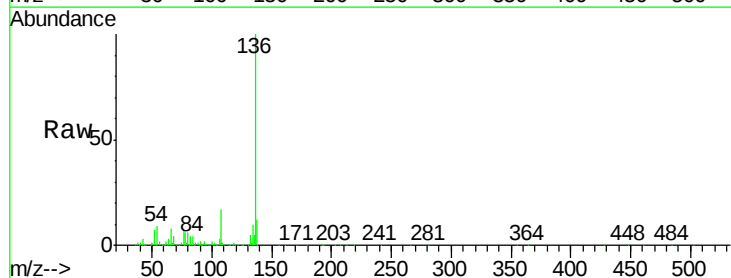
Ion Ratio Lower Upper

136 100

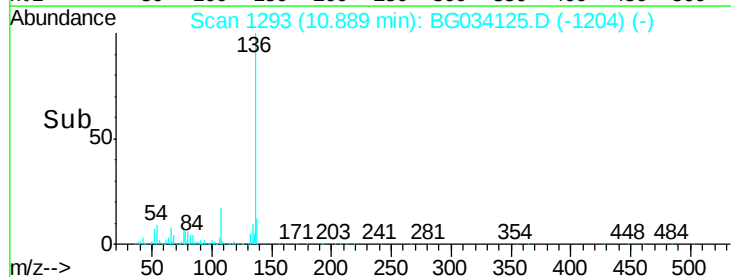
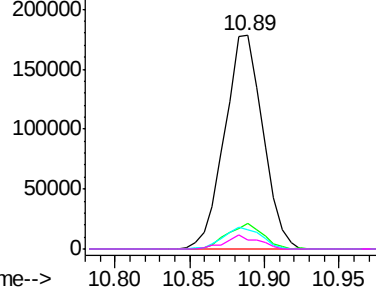
137 11.9 9.2 13.8

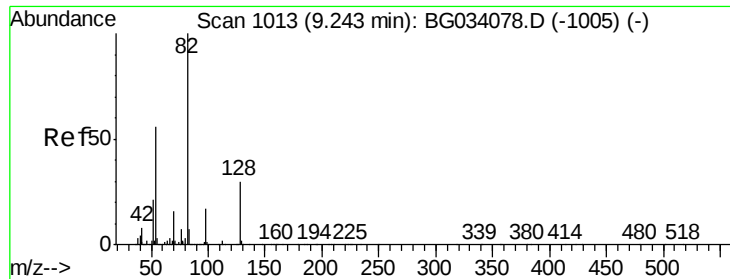
54 9.2 10.3 15.5#

68 4.5 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

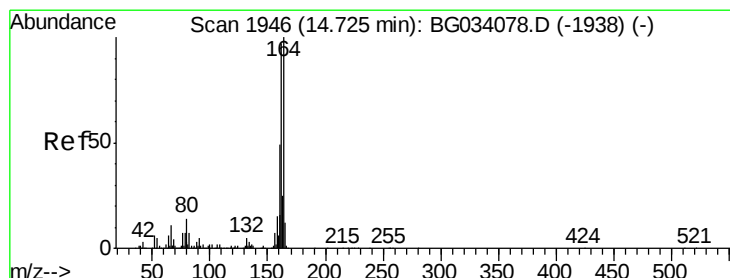
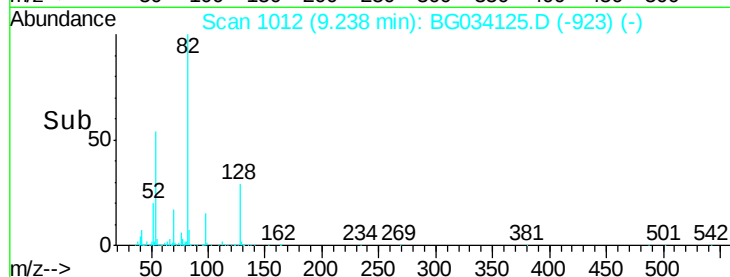
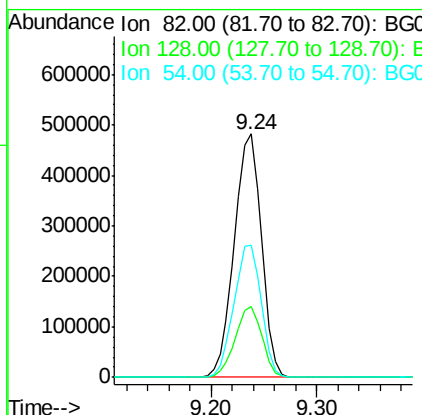
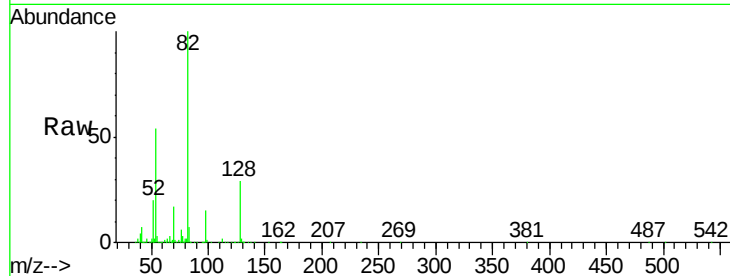




#23
 Nitrobenzene-d5
 Concen: 103.549 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034125.D
 Acq: 2 May 2018 20:46

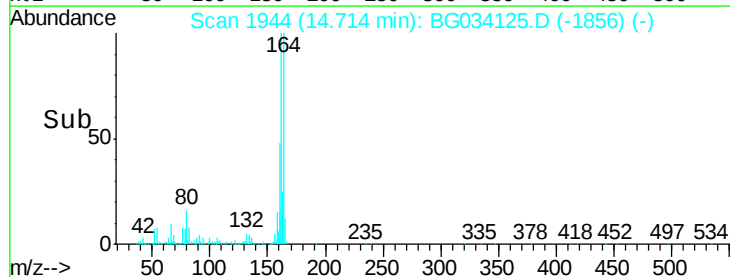
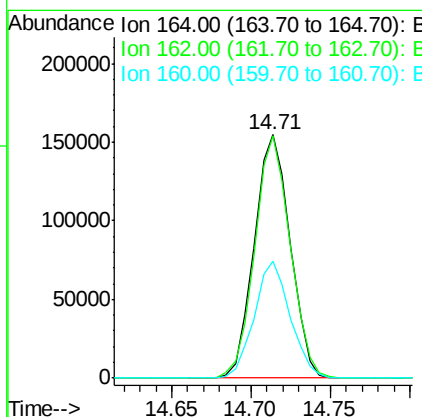
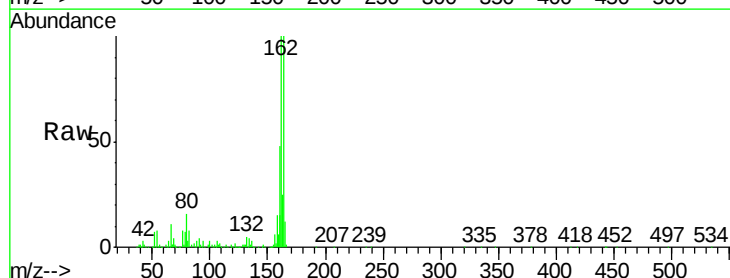
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-B

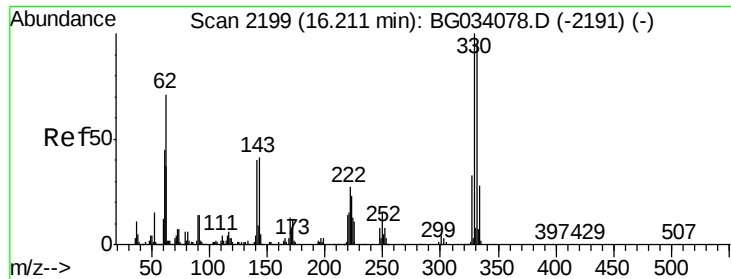
Tot Ion: 82 Resp: 855048
 Ion Ratio Lower Upper
 82 100
 128 29.3 29.7 44.5#
 54 54.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG034125.D
 Acq: 2 May 2018 20:46

Tgt Ion: 164 Resp: 244439
 Ion Ratio Lower Upper
 164 100
 162 99.7 78.8 118.2
 160 47.8 35.4 53.0

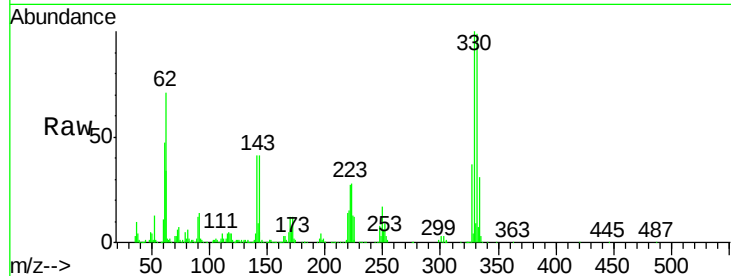




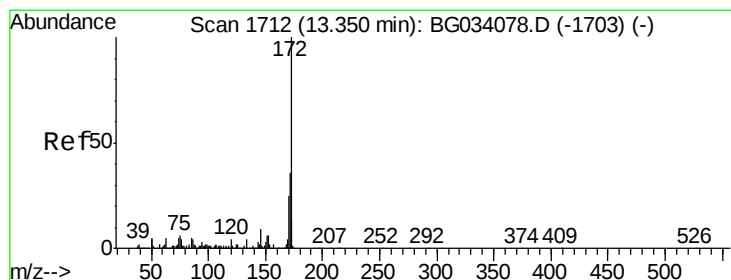
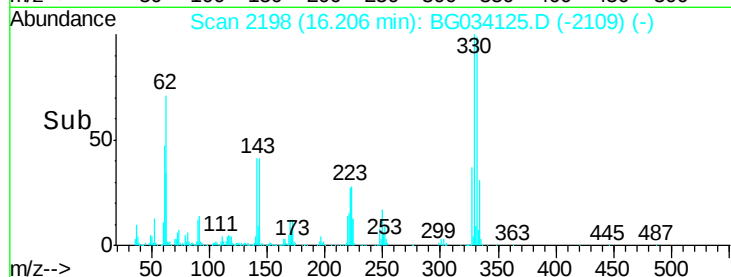
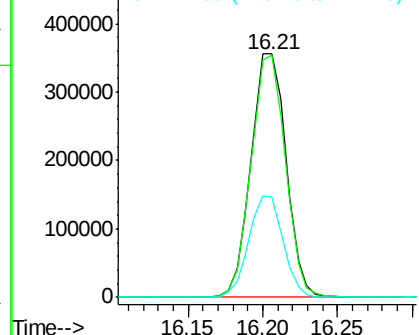
#41
 2,4,6-Tribromophenol
 Concen: 171.017 ng
 RT: 16.21 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034125.D
 Acq: 2 May 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-B

Tot Ion:330 Resp: 578852
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 40.8 25.2 37.8#

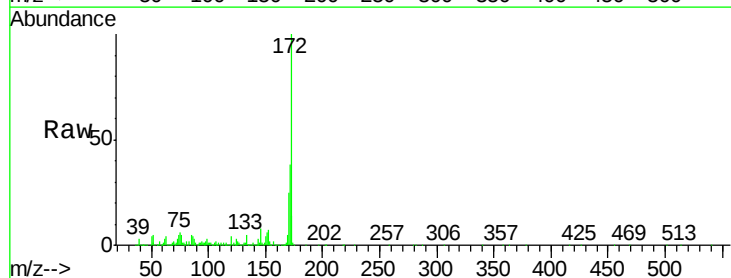


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

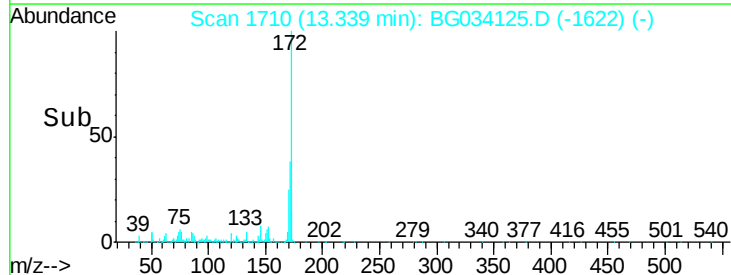
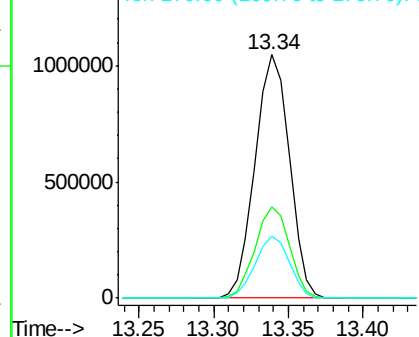


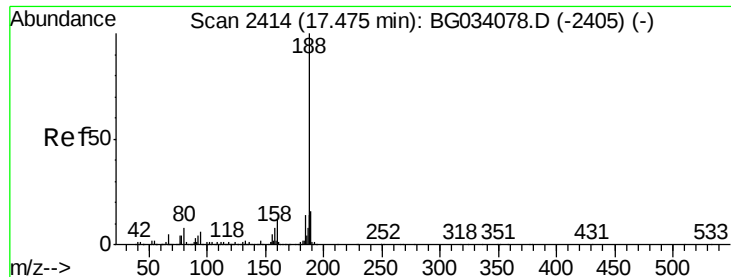
#44
 2-Fluorobiphenyl
 Concen: 99.195 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034125.D
 Acq: 2 May 2018 20:46

Tgt Ion:172 Resp: 1664002
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 25.2 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

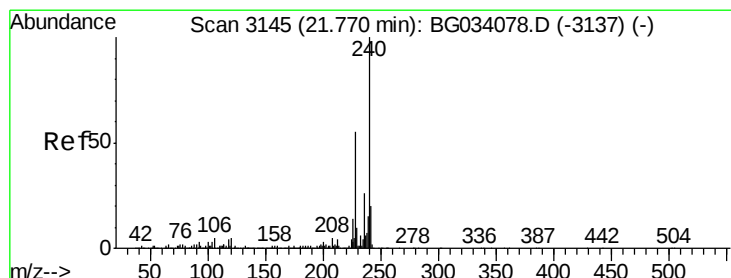
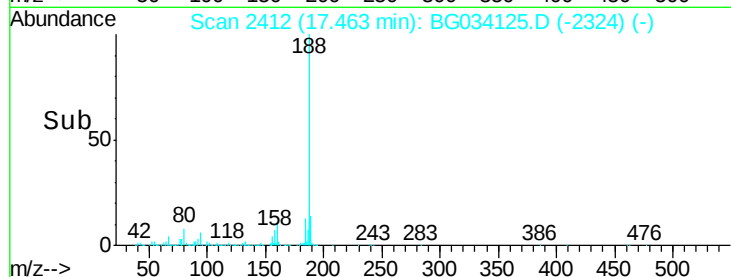
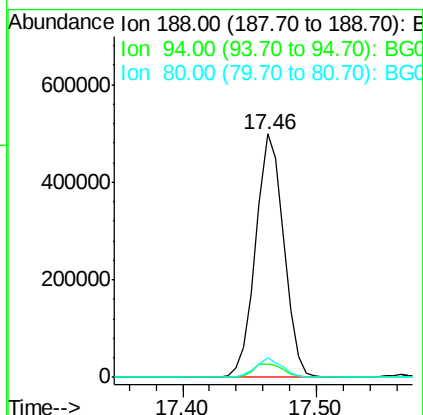
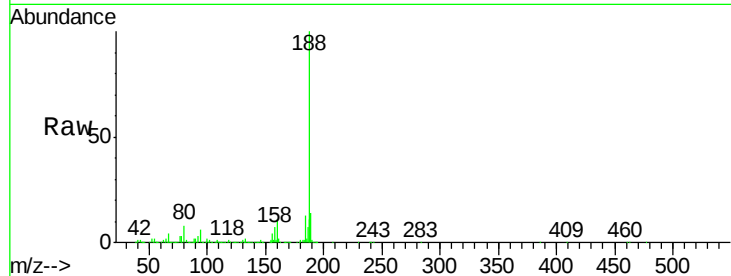




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG034125.D
Acq: 2 May 2018 20:46

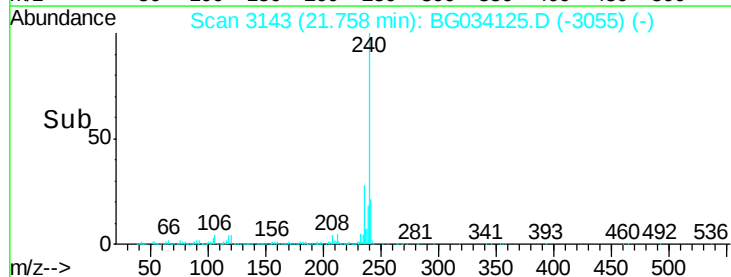
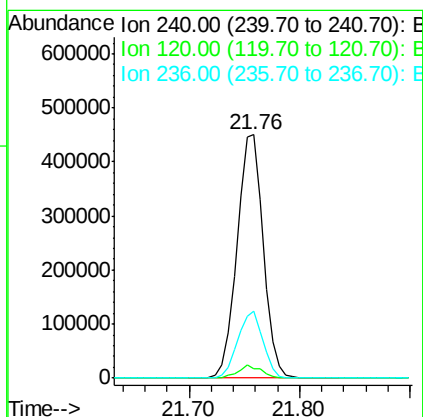
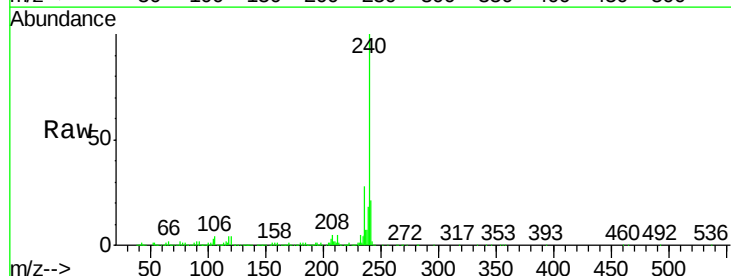
Instrument :
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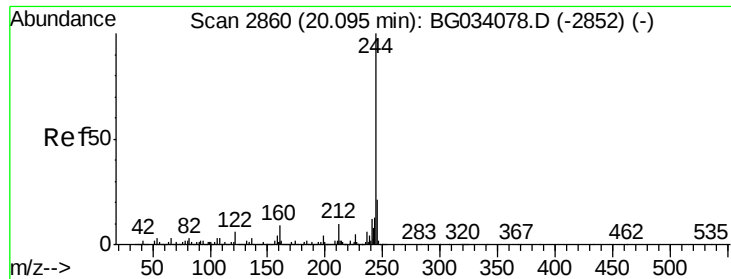
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	8.2	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG034125.D
Acq: 2 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.8	6.8	10.2#
236	27.7	20.9	31.3





#78

Terphenyl-d14

Concen: 99.738 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034125.D

Acq: 2 May 2018 20:46

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-B

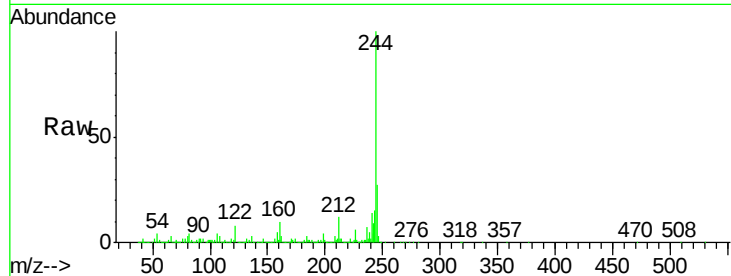
Tot Ion:244 Resp: 3425449

Ion Ratio Lower Upper

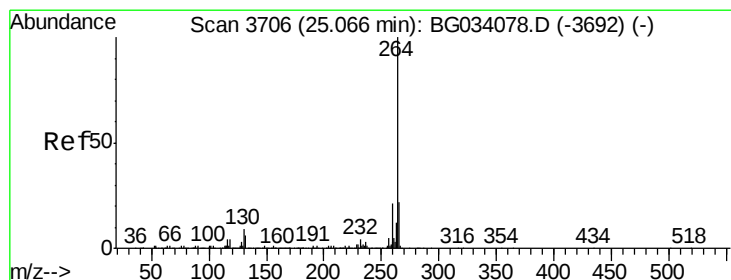
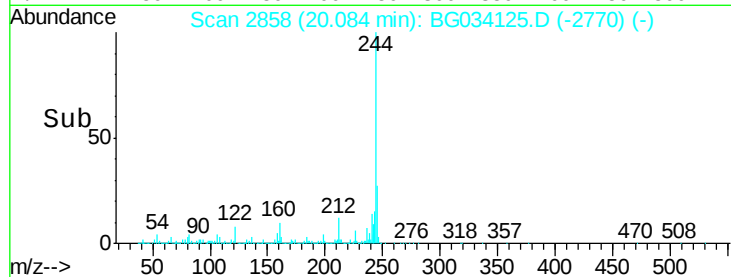
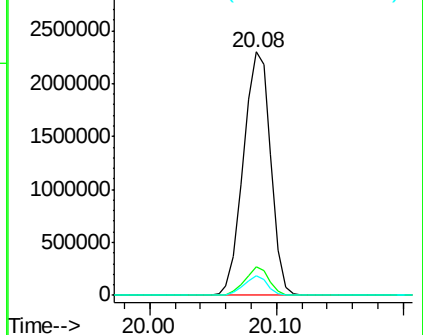
244 100

212 11.7 5.8 8.8#

122 8.0 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: 25.04 min Scan# 3701

Delta R.T. -0.03 min

Lab File: BG034125.D

Acq: 2 May 2018 20:46

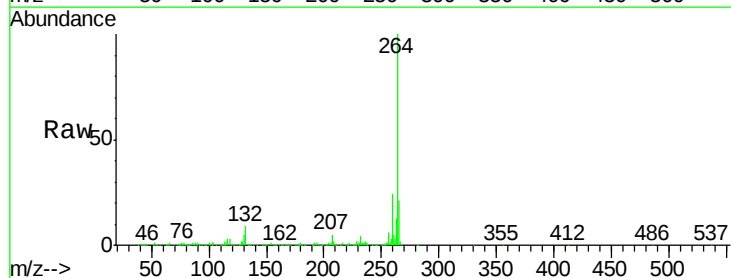
Tgt Ion:264 Resp: 727444

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.2 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

