

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034144.D
 Acq On : 3 May 2018 10:09
 Operator : SJ/JU
 Sample : J2667-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 285-147-7212002-RB26667

Quant Time: May 03 12:01:27 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	70225	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	270270	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	214547	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	662513	20.00	ng	0.00
75) Chrysene-d12	21.76	240	794855	20.00	ng	-0.01
86) Perylene-d12	25.05	264	767478	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	590682	135.90	ng	0.00
7) Phenol-d6	7.22	99	780012	115.27	ng	0.00
23) Nitrobenzene-d5	9.23	82	689525	97.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	493524	166.12	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1422014	96.58	ng	-0.01
78) Terphenyl-d14	20.08	244	3157082	87.01	ng	-0.01

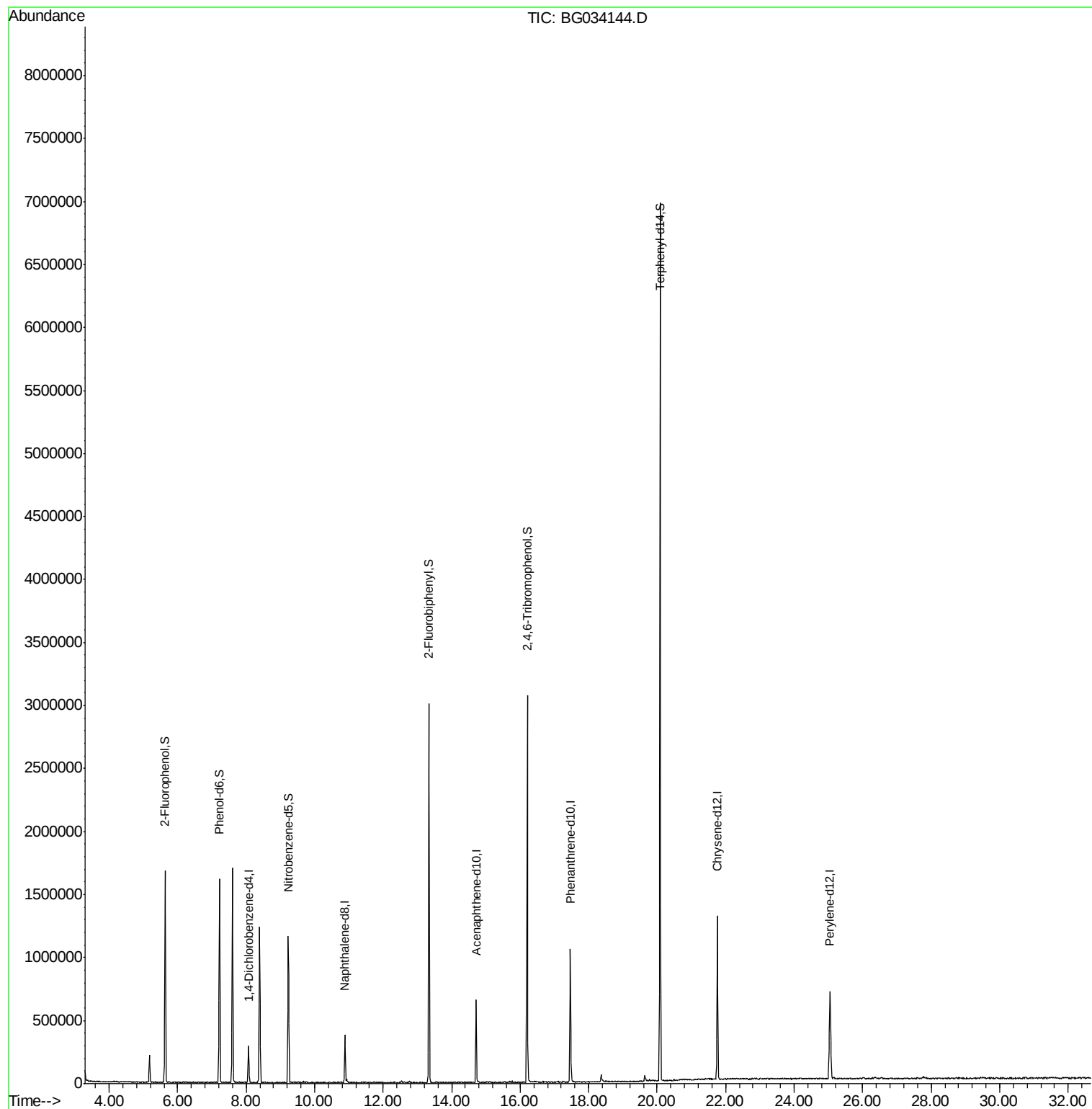
Target Compounds Qvalue

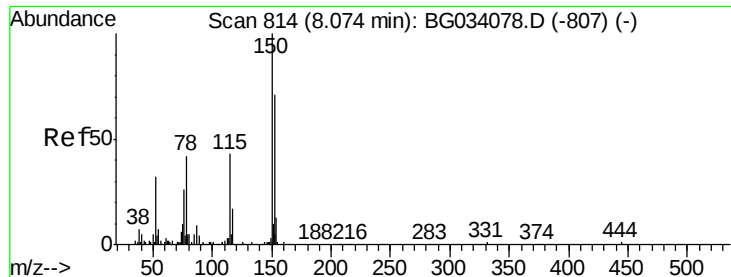
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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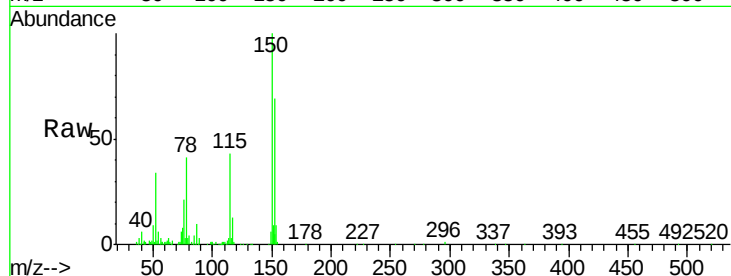


#1

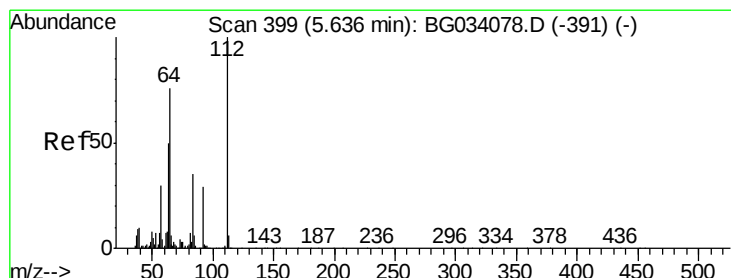
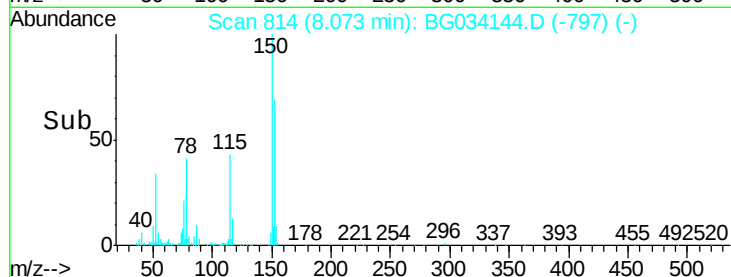
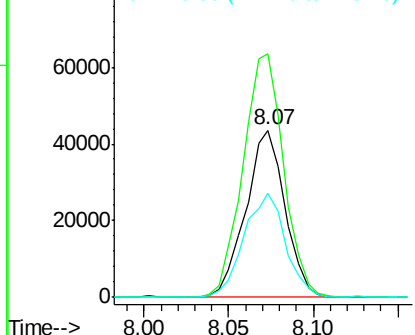
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Instrument :
BNA_G
ClientSampleId :
285-147-7212002-RB26667

Tot Ion	152	Resp	70225
Ion Ratio	Lower	Upper	
152	100		
150	145.8	126.6	189.8
115	62.3	53.0	79.4



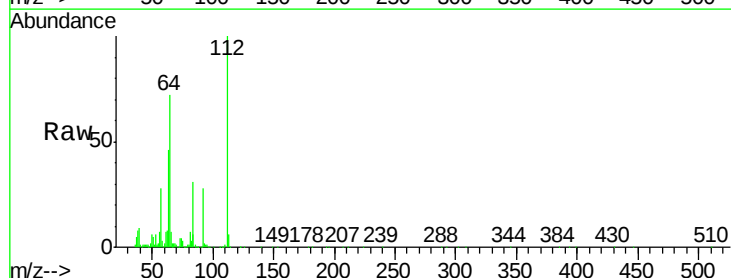
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



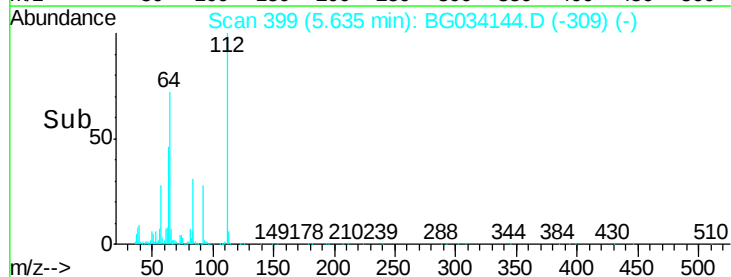
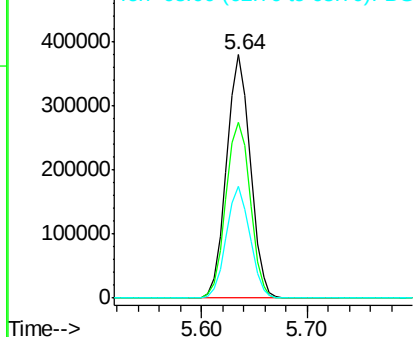
#5

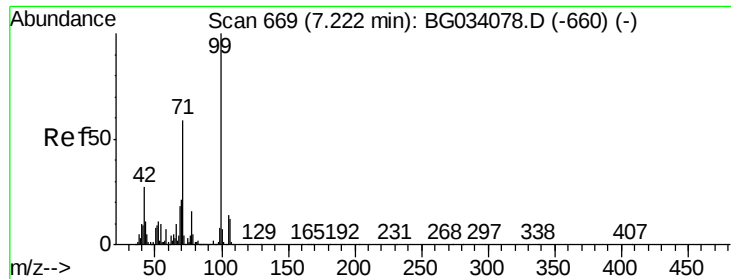
2-Fluorophenol
Concen: 135.895 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG034144.D
Acq: 3 May 2018 10:09

Tgt Ion	112	Resp	590682
Ion Ratio	Lower	Upper	
112	100		
64	72.1	56.3	84.5
63	46.1	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: 115.270 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034144.D

Acq: 3 May 2018 10:09

Instrument :

BNA_G

ClientSampleId :

285-147-7212002-RB26667

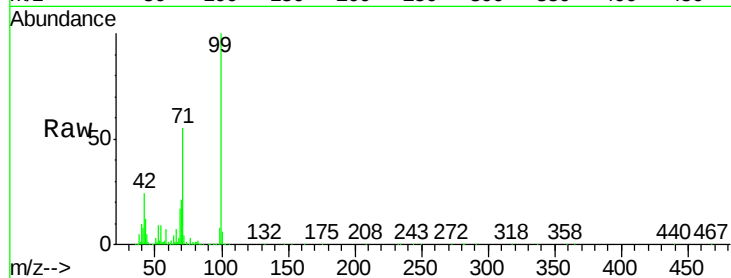
Tot Ion: 99 Resp: 780012

Ion Ratio Lower Upper

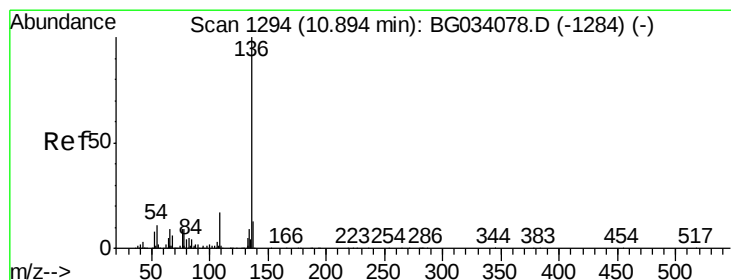
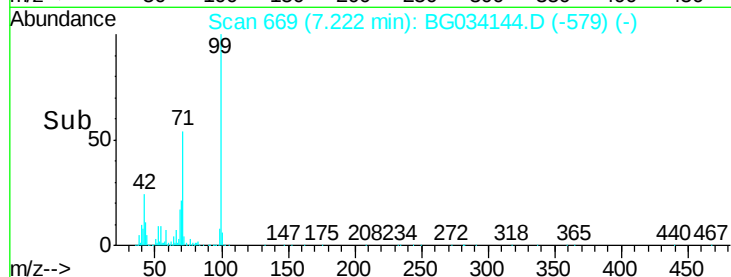
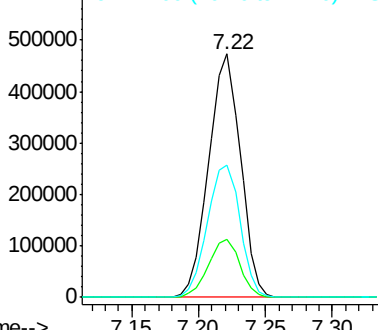
99 100

42 23.6 14.1 21.1#

71 54.5 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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034144.D

Acq: 3 May 2018 10:09

Tgt Ion: 136 Resp: 270270

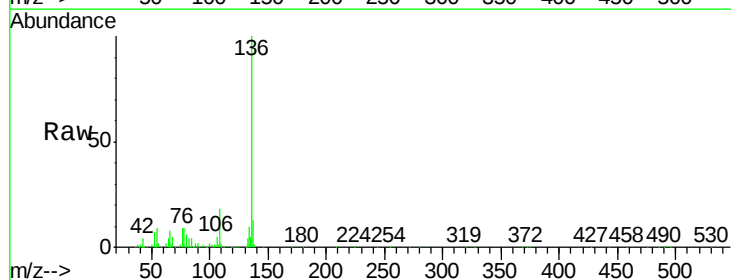
Ion Ratio Lower Upper

136 100

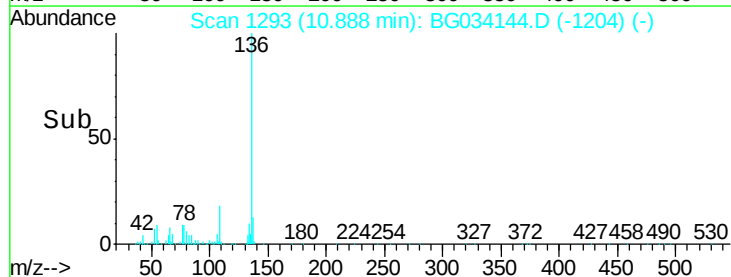
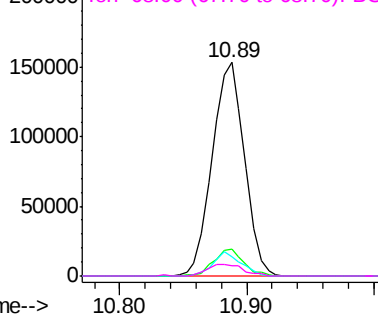
137 12.6 9.2 13.8

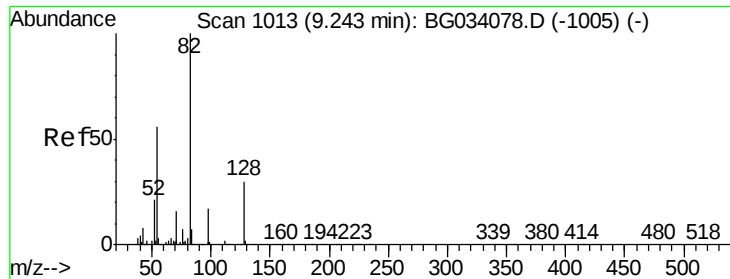
54 8.7 10.3 15.5#

68 4.7 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

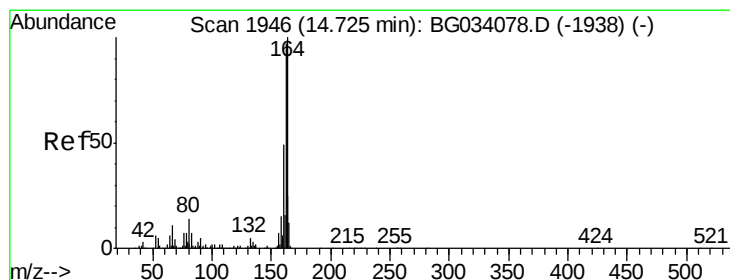
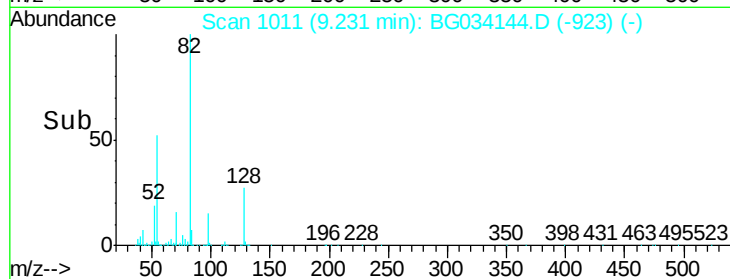
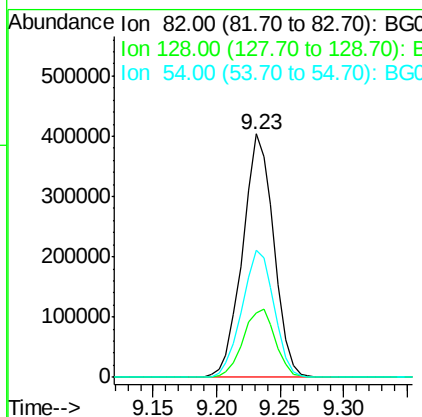
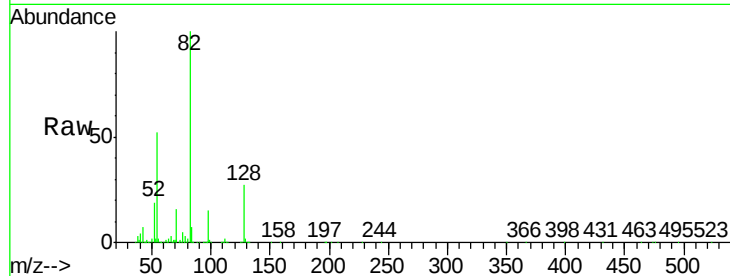




#23
 Nitrobenzene-d5
 Concen: 97.886 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG034144.D
 Acq: 3 May 2018 10:09

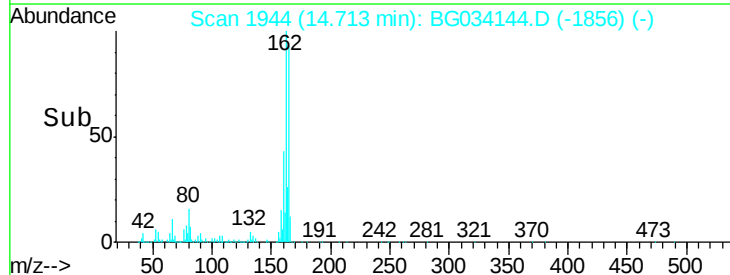
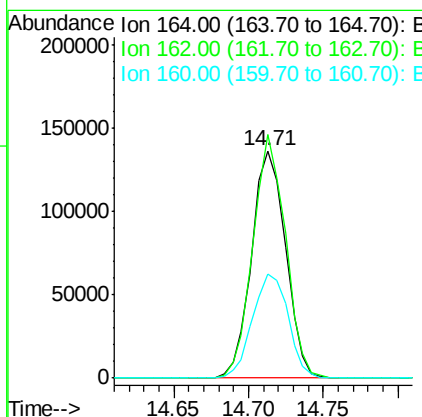
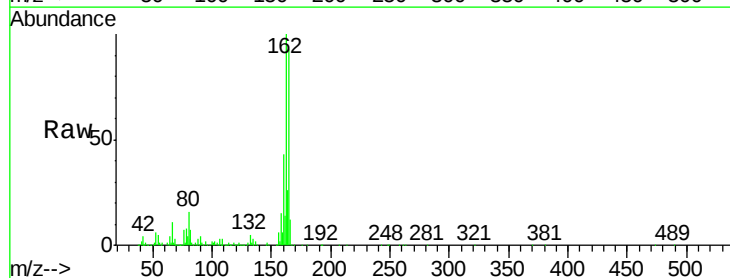
Instrument :
 BNA_G
 ClientSampleId :
 285-147-7212002-RB26667

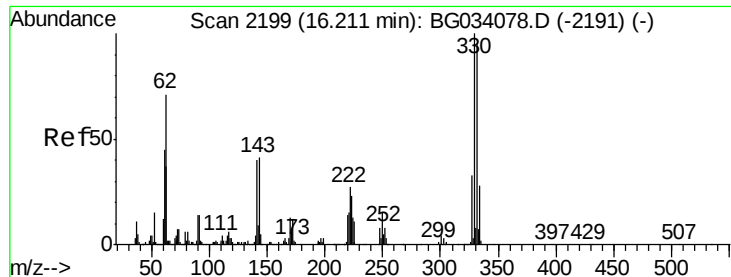
Tot Ion: 82 Resp: 689525
 Ion Ratio Lower Upper
 82 100
 128 26.7 29.7 44.5#
 54 52.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG034144.D
 Acq: 3 May 2018 10:09

Tgt Ion: 164 Resp: 214547
 Ion Ratio Lower Upper
 164 100
 162 107.1 78.8 118.2
 160 46.0 35.4 53.0

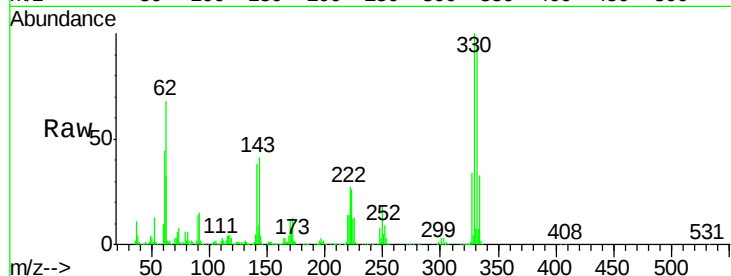




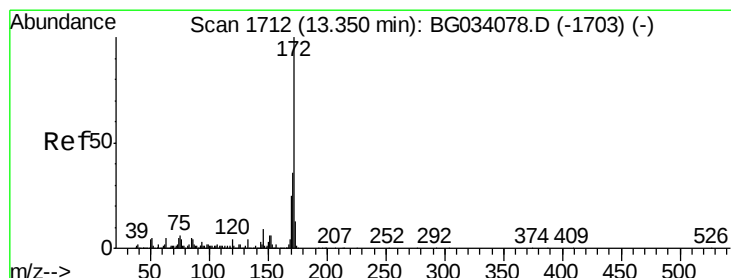
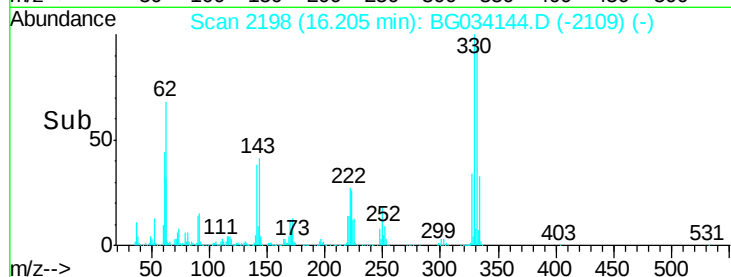
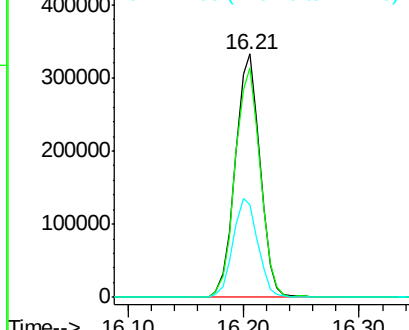
#41
 2,4,6-Tribromophenol
 Concen: 166.122 ng
 RT: 16.21 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034144.D
 Acq: 3 May 2018 10:09

Instrument :
 BNA_G
 ClientSampleId :
 285-147-7212002-RB26667

Tot Ion:330 Resp: 493524
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 40.9 25.2 37.8#

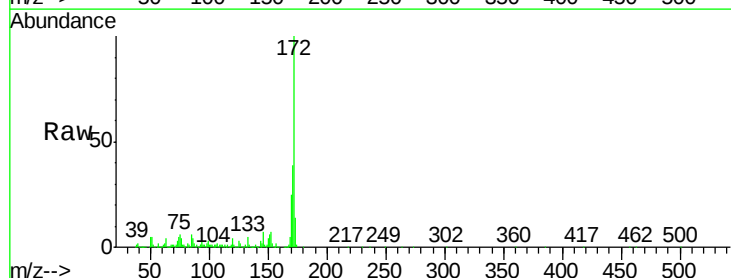


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

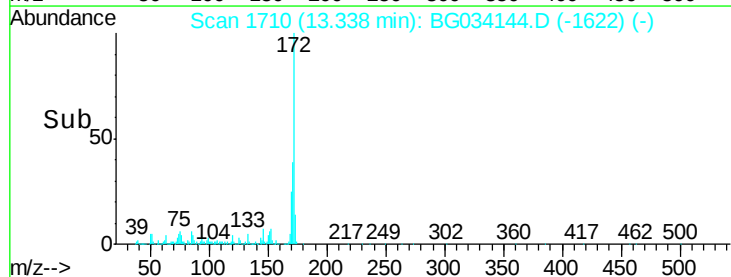
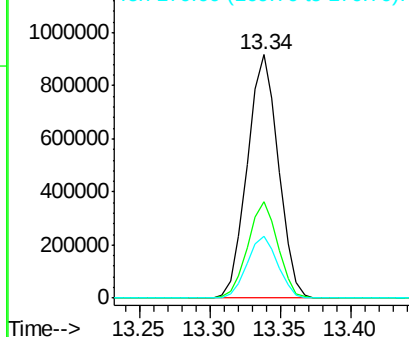


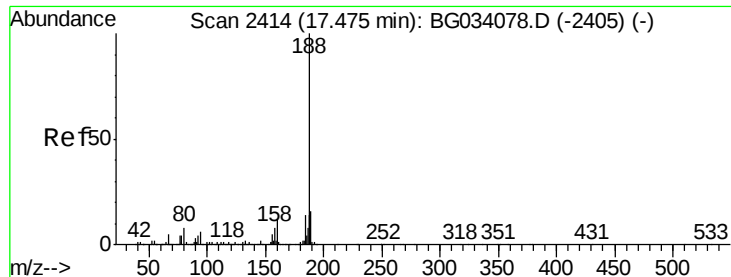
#44
 2-Fluorobiphenyl
 Concen: 96.580 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034144.D
 Acq: 3 May 2018 10:09

Tgt Ion:172 Resp: 1422014
 Ion Ratio Lower Upper
 172 100
 171 39.4 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: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034144.D

Acq: 3 May 2018 10:09

Instrument :

BNA_G

ClientSampleId :

285-147-7212002-RB26667

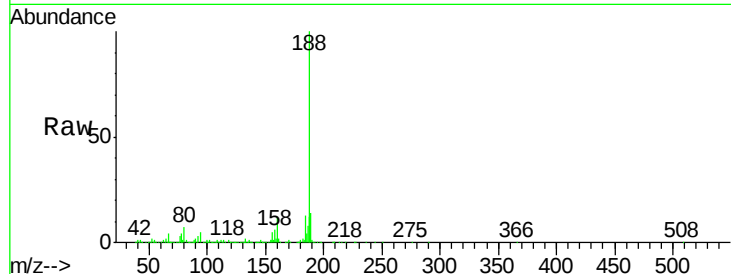
Tot Ion:188 Resp: 662513

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

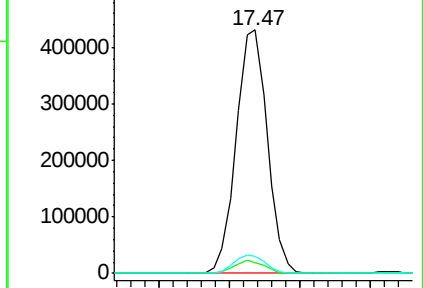
80 6.9 7.7 11.5#



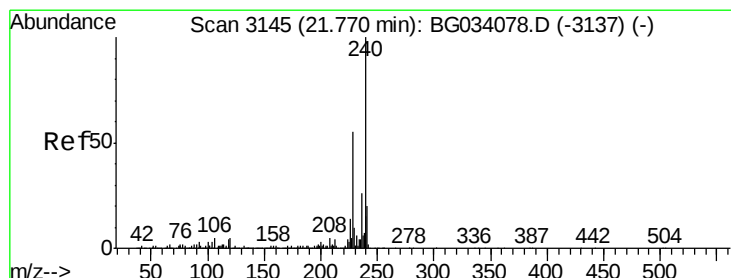
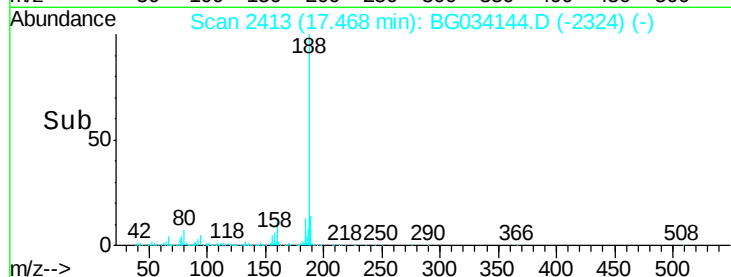
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG034144.D

Acq: 3 May 2018 10:09

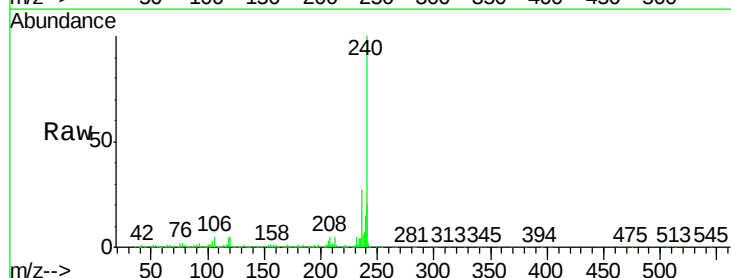
Tgt Ion:240 Resp: 794855

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

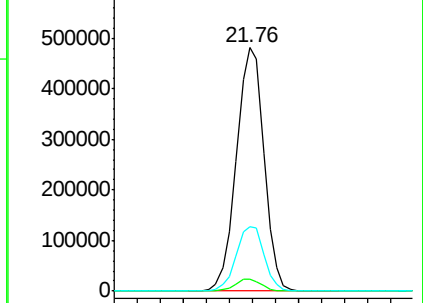
236 26.6 20.9 31.3



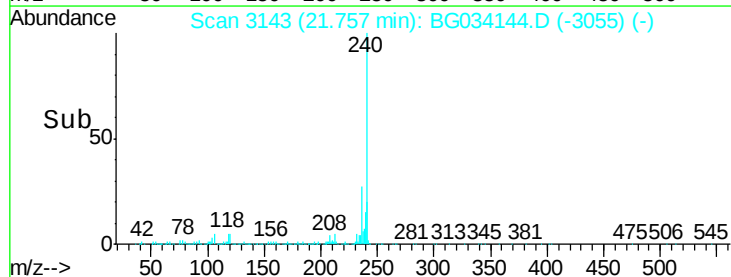
Abundance Ion 240.00 (239.70 to 240.70): E

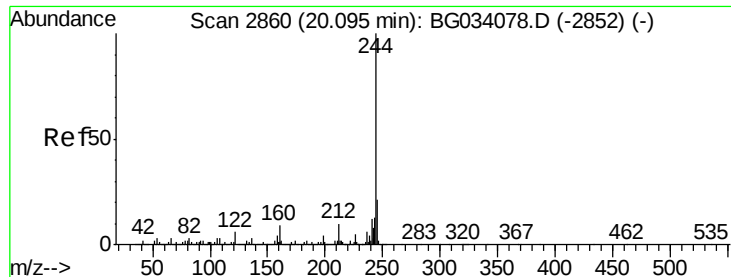
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 87.011 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034144.D

Acq: 3 May 2018 10:09

Instrument :

BNA_G

ClientSampleId :

285-147-7212002-RB26667

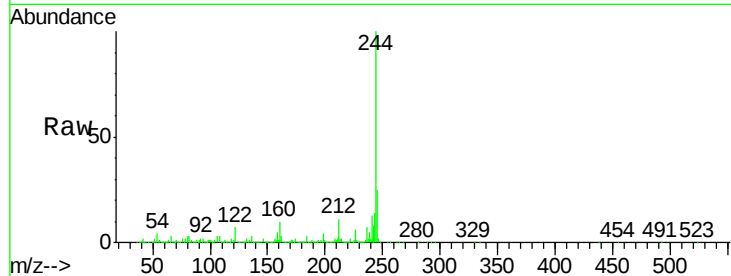
Tot Ion:244 Resp: 3157082

Ion Ratio Lower Upper

244 100

212 10.9 5.8 8.8#

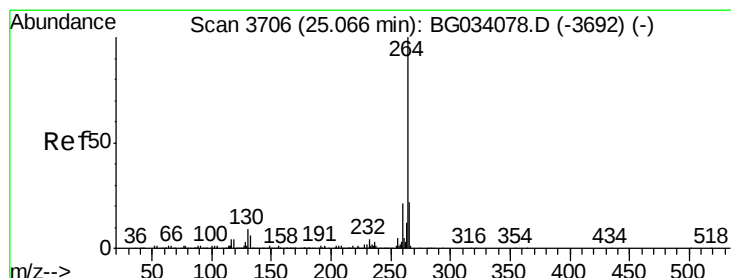
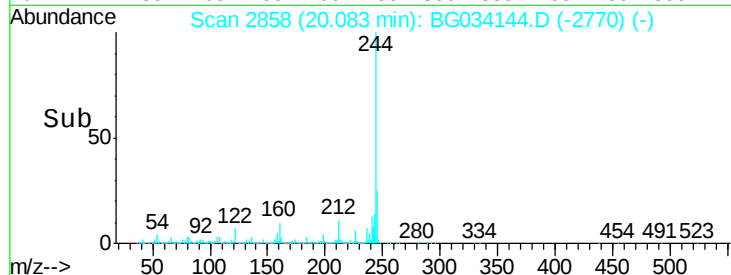
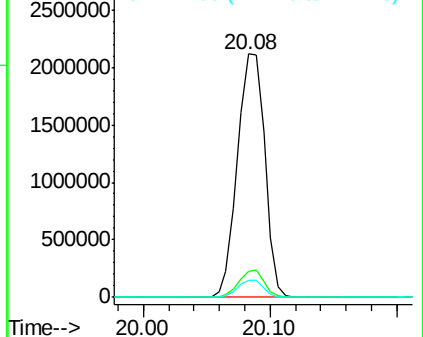
122 7.2 7.0 10.4



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: BG034144.D

Acq: 3 May 2018 10:09

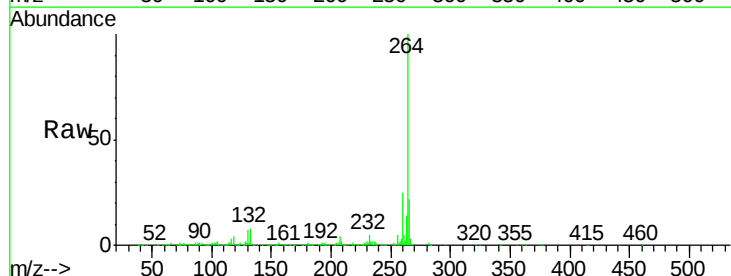
Tgt Ion:264 Resp: 767478

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.0

265 22.1 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

