

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034147.D
 Acq On : 3 May 2018 12:03
 Operator : SJ/JU
 Sample : J2669-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: May 03 14:01:33 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

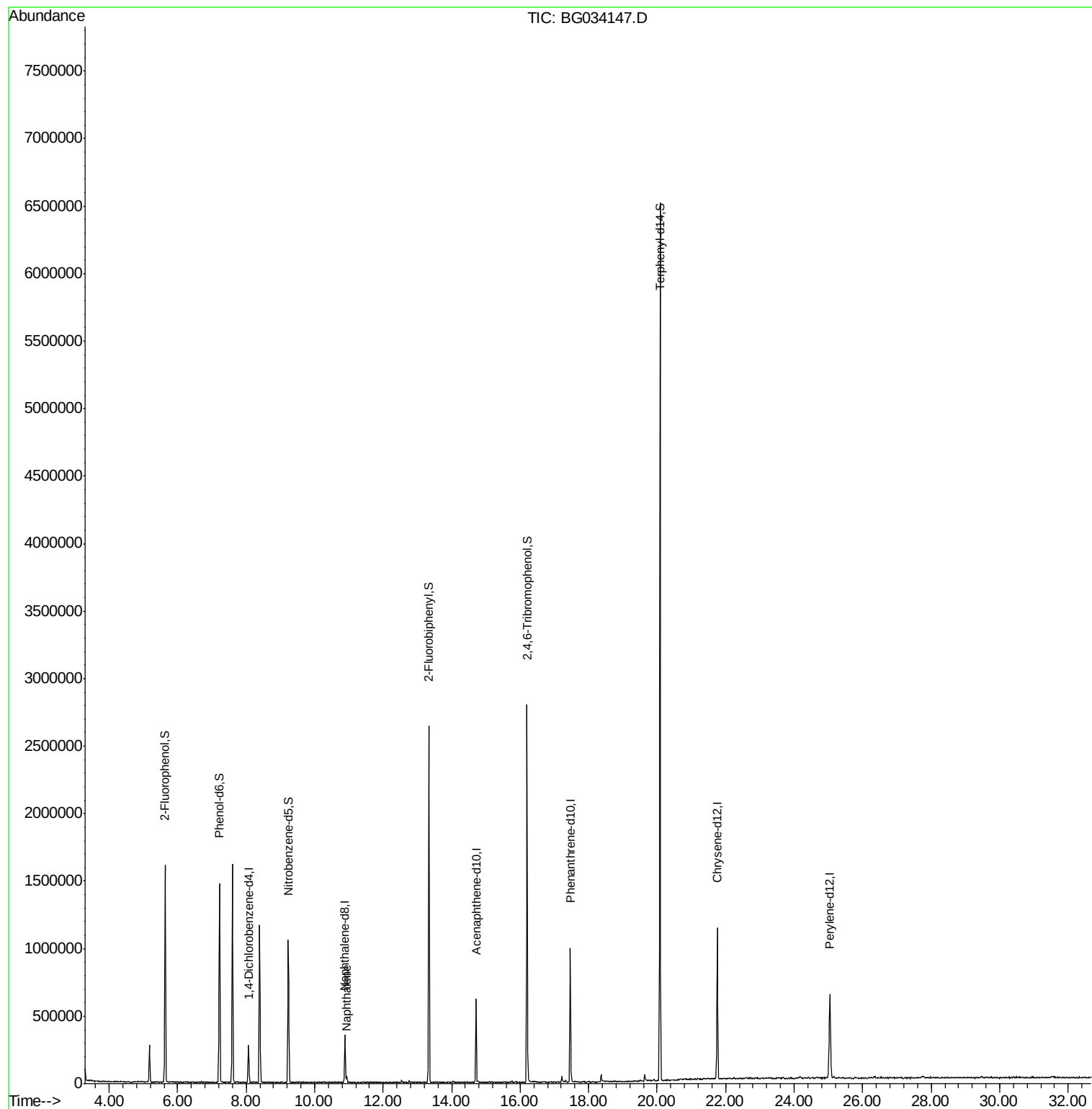
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	66754	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	257903	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	192387	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	587407	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	716396	20.00	ng	-0.02
86) Perylene-d12	25.04	264	691361	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	560089	135.56	ng	0.00
7) Phenol-d6	7.22	99	760313	118.20	ng	0.00
23) Nitrobenzene-d5	9.23	82	640594	95.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	433710	162.80	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1301423	98.57	ng	-0.01
78) Terphenyl-d14	20.08	244	2879937	88.07	ng	-0.01
Target Compounds						
31) Naphthalene	10.93	128	34380	2.536	ng	Qvalue # 87

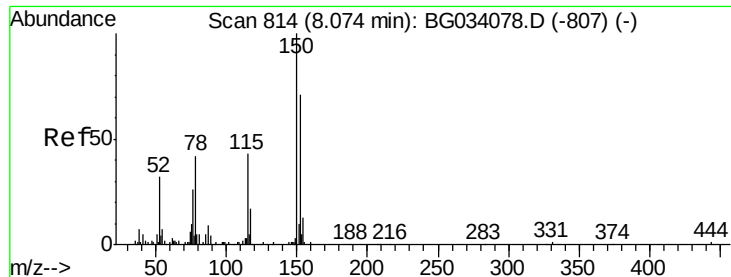
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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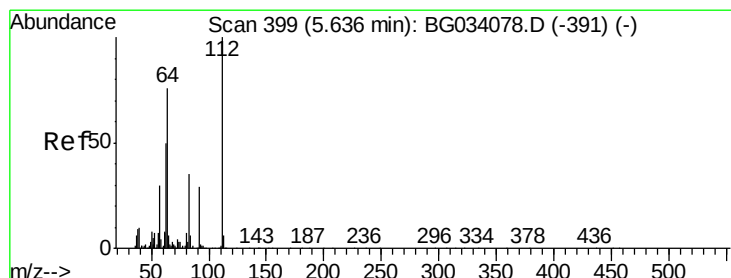
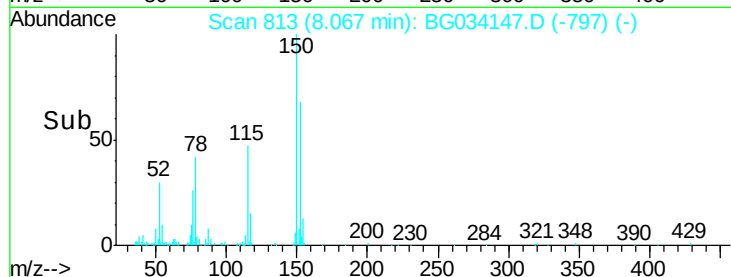
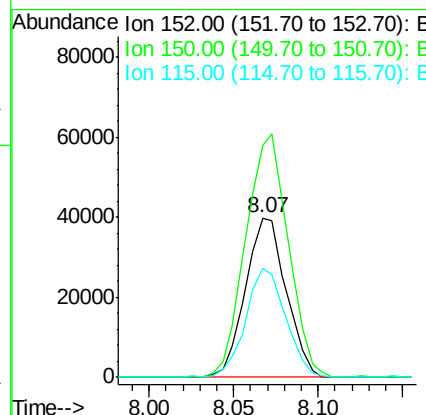
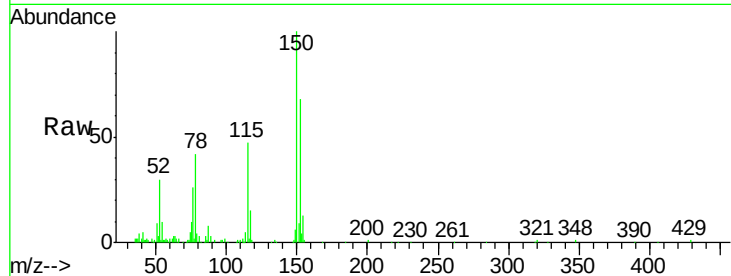


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG034147.D
Acq: 3 May 2018 12:03

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

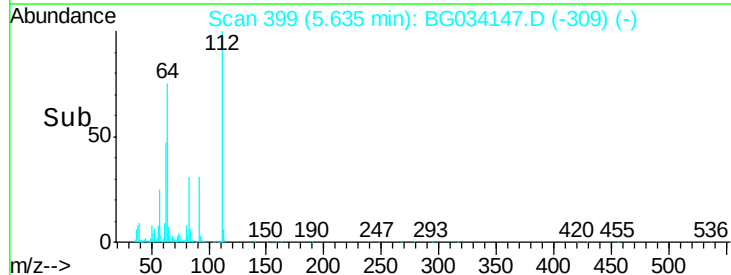
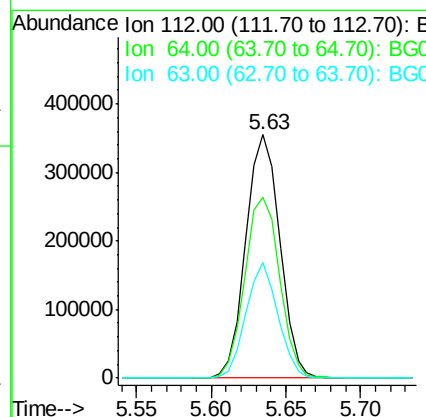
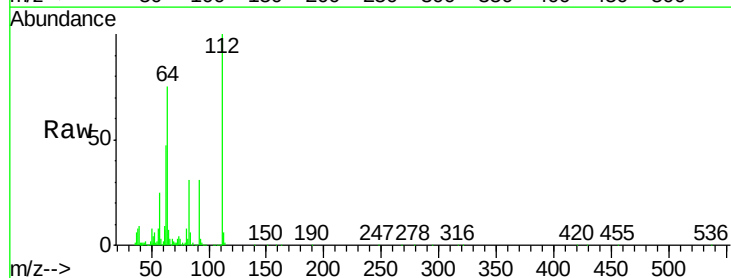
Tot Ion	152	Resp	66754
Ion Ratio	Lower	Upper	
152	100		
150	146.1	126.6	189.8
115	69.0	53.0	79.4

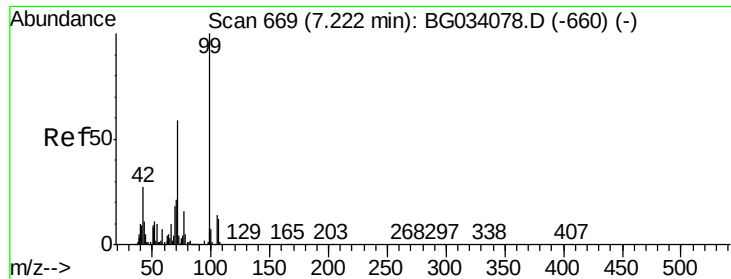


#5

2-Fluorophenol
Concen: 135.557 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034147.D
Acq: 3 May 2018 12:03

Tgt Ion	112	Resp	560089
Ion Ratio	Lower	Upper	
112	100		
64	74.5	56.3	84.5
63	47.5	30.1	45.1





#7

Phenol-d6

Concen: 118.201 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034147.D

Acq: 3 May 2018 12:03

Instrument :

BNA_G

ClientSampleId :

SU-03-050118-A

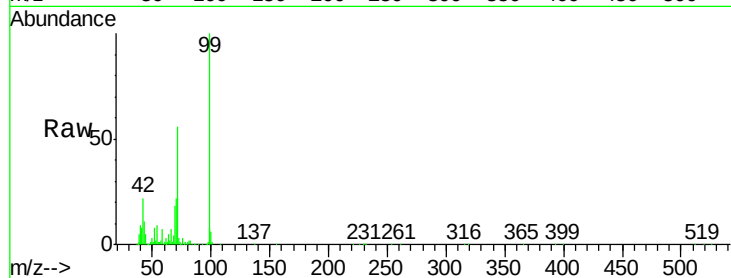
Tot Ion: 99 Resp: 760313

Ion Ratio Lower Upper

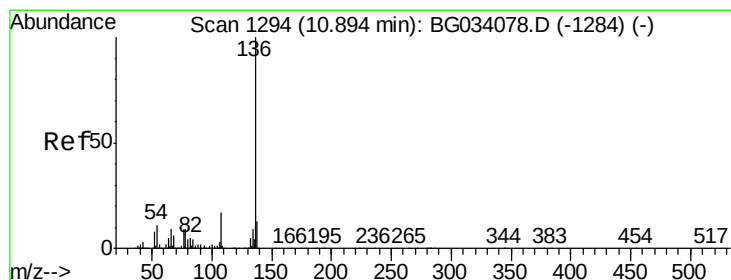
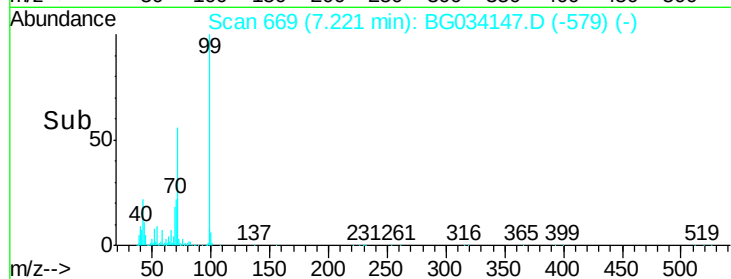
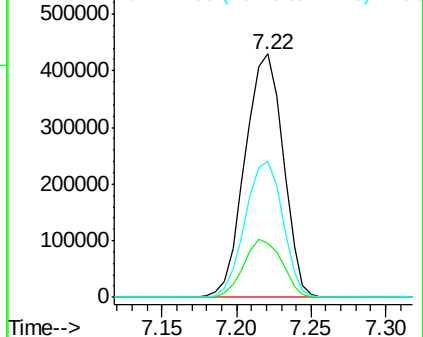
99 100

42 22.3 14.1 21.1#

71 56.0 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: BG034147.D

Acq: 3 May 2018 12:03

Tgt Ion: 136 Resp: 257903

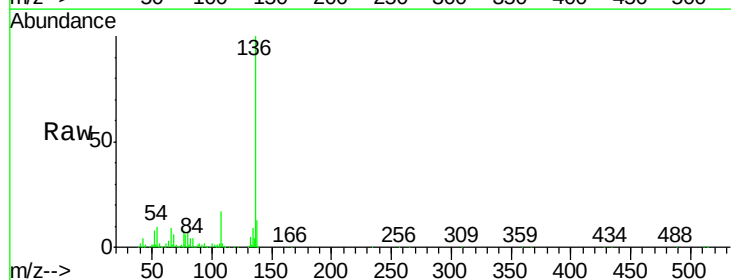
Ion Ratio Lower Upper

136 100

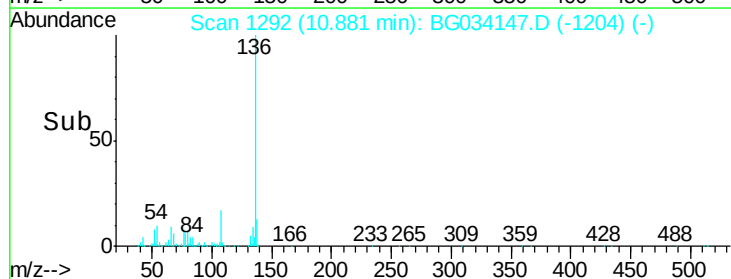
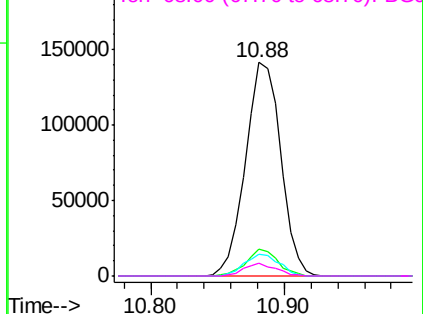
137 12.7 9.2 13.8

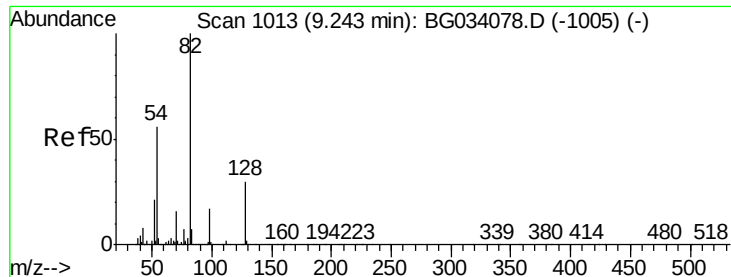
54 10.5 10.3 15.5

68 6.2 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

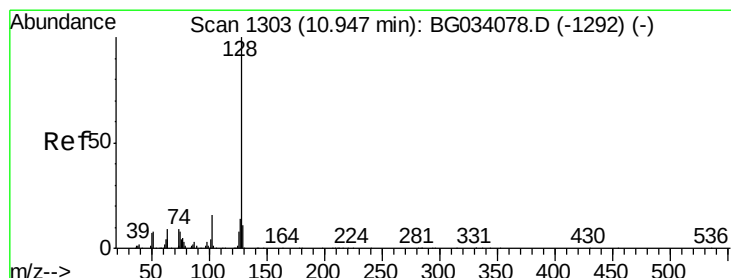
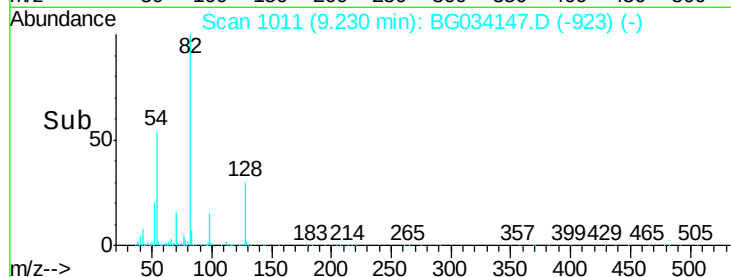
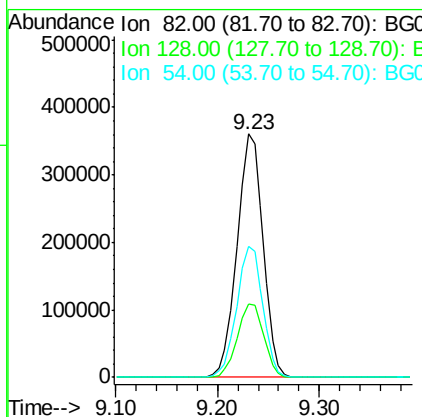
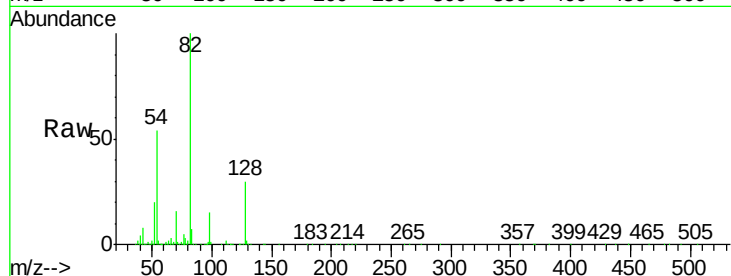




#23
 Nitrobenzene-d5
 Concen: 95.301 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG034147.D
 Acq: 3 May 2018 12:03

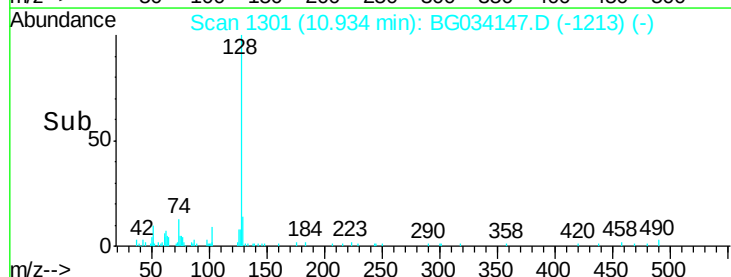
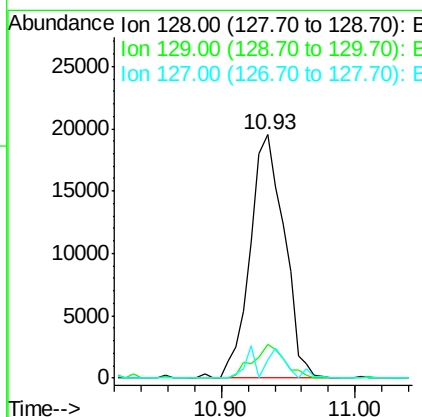
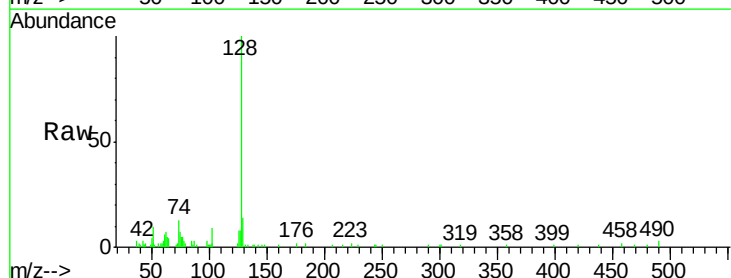
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-050118-A

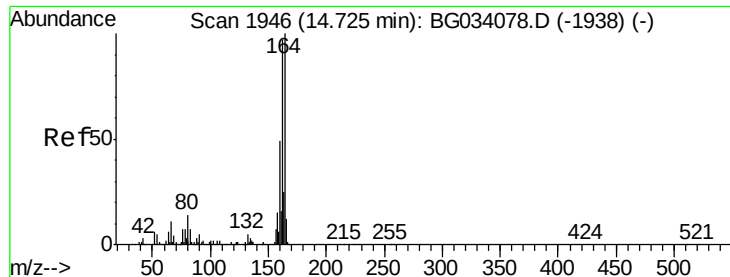
Tot Ion	82	Resp	640594
Ion Ratio	Lower	Upper	
82	100		
128	30.2	29.7	44.5
54	54.0	43.1	64.7



#31
 Naphthalene
 Concen: 2.536 ng
 RT: 10.93 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG034147.D
 Acq: 3 May 2018 12:03

Tgt Ion	128	Resp	34380
Ion Ratio	Lower	Upper	
128	100		
129	13.8	8.6	12.8#
127	7.6	11.6	17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG034147.D

Acq: 3 May 2018 12:03

Instrument :

BNA_G

ClientSampleId :

SU-03-050118-A

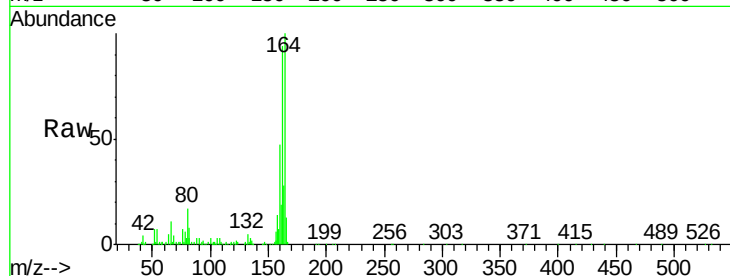
Tot Ion:164 Resp: 192387

Ion Ratio Lower Upper

164 100

162 93.7 78.8 118.2

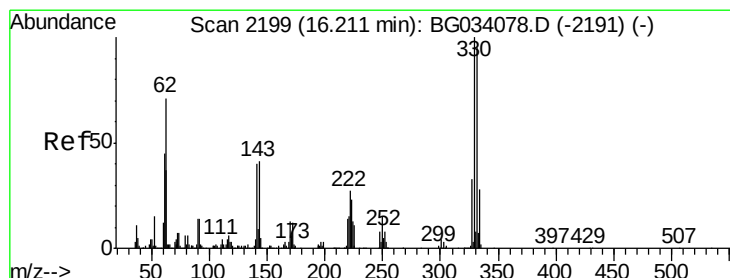
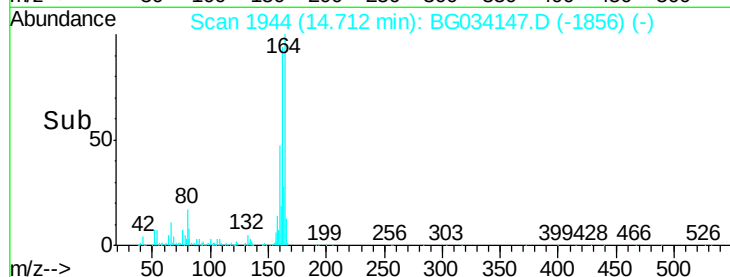
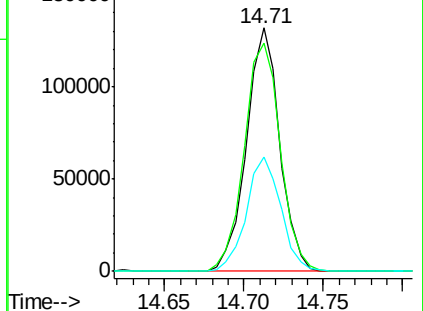
160 46.8 35.4 53.0



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: 162.804 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG034147.D

Acq: 3 May 2018 12:03

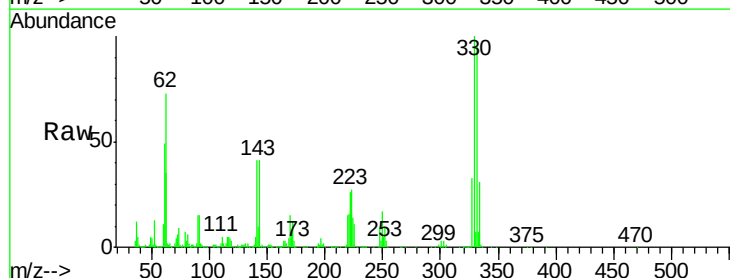
Tgt Ion:330 Resp: 433710

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

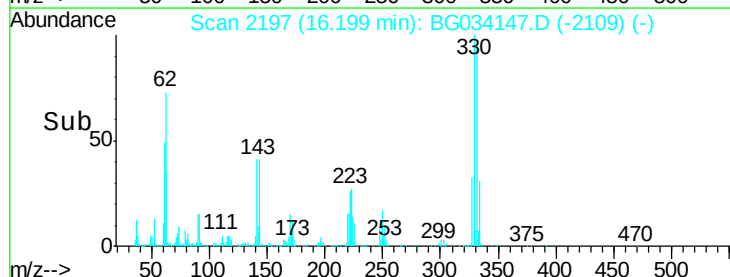
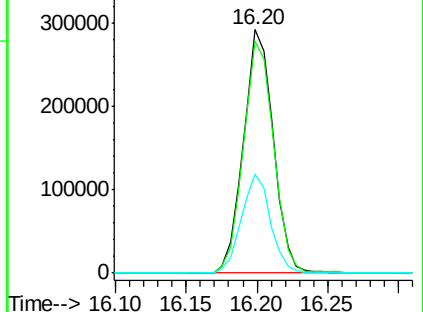
141 39.7 25.2 37.8#

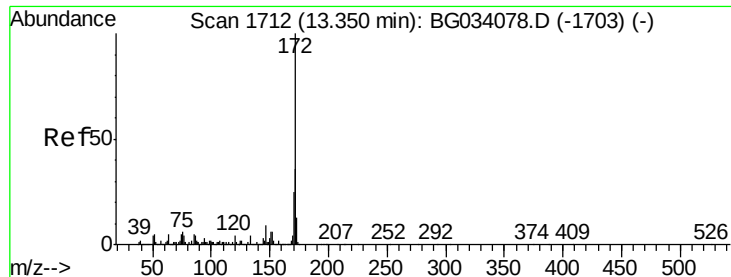


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



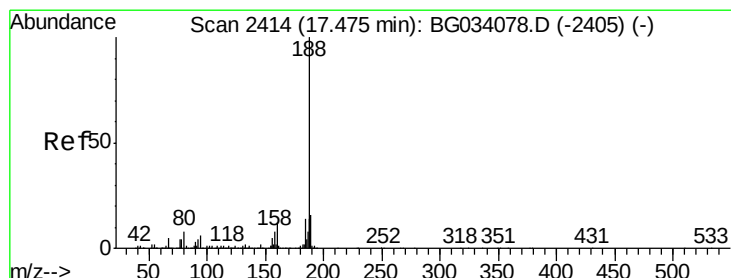
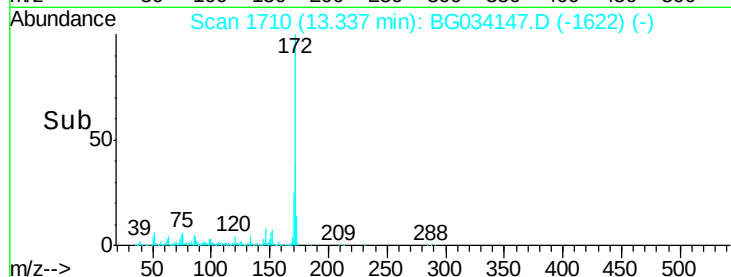
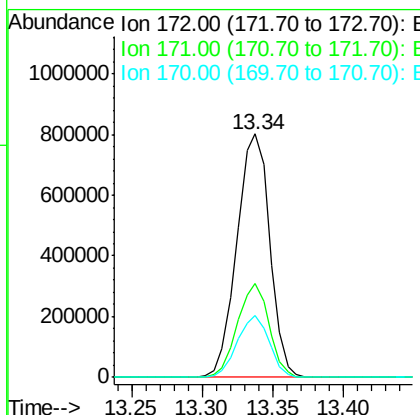
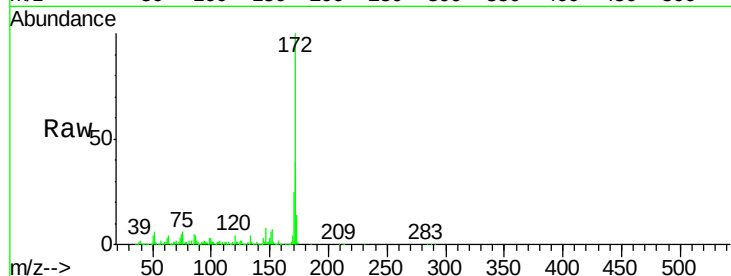


#44
 2-Fluorobiphenyl
 Concen: 98.571 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034147.D
 Acq: 3 May 2018 12:03

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

Tot Ion:172 Resp: 1301423

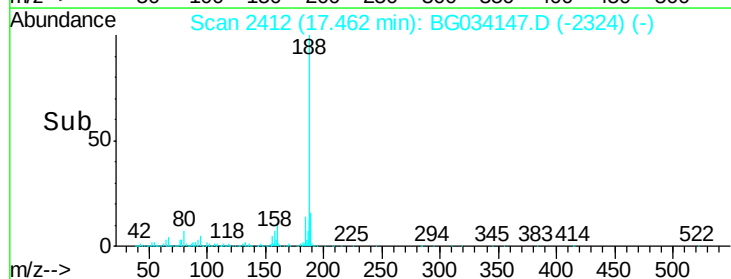
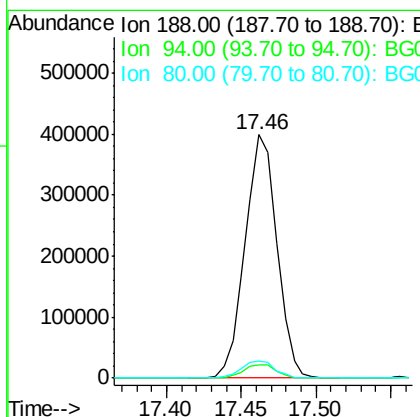
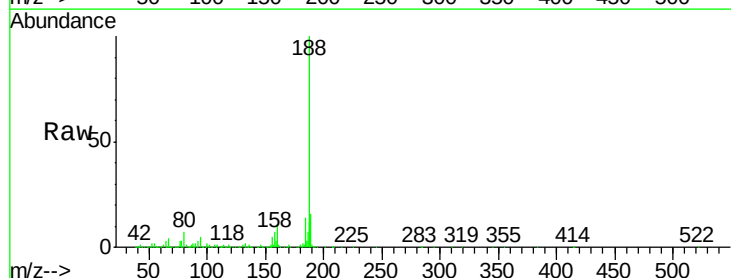
Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.4	19.5	29.3

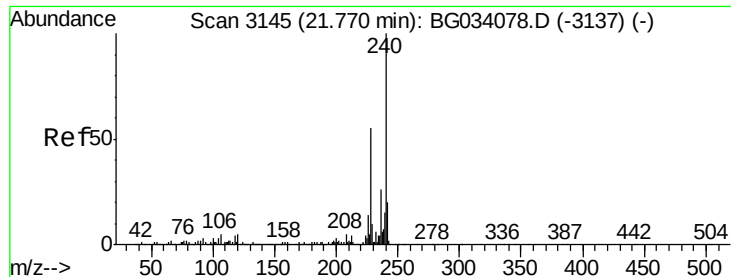


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG034147.D
 Acq: 3 May 2018 12:03

Tgt Ion:188 Resp: 587407

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	7.2	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG034147.D

Acq: 3 May 2018 12:03

Instrument :

BNA_G

ClientSampleId :

SU-03-050118-A

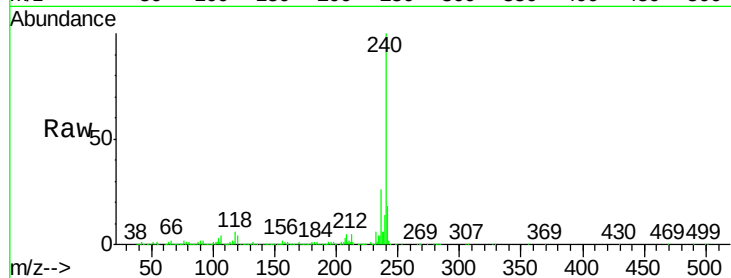
Tot Ion:240 Resp: 716396

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

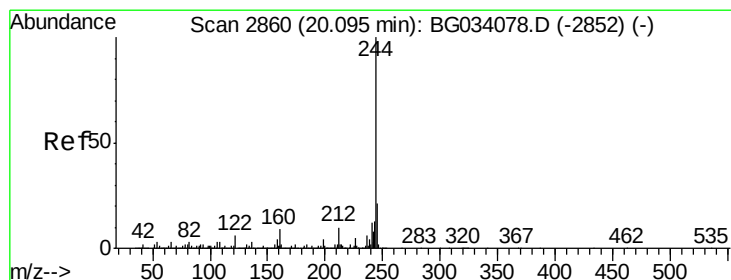
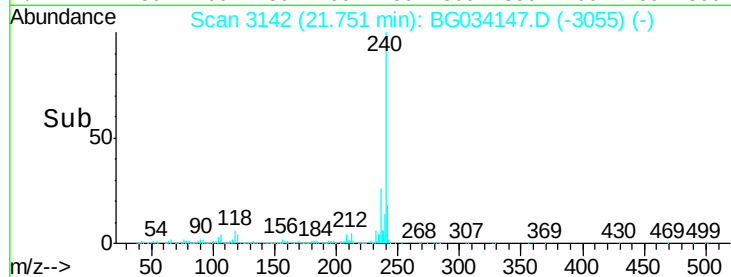
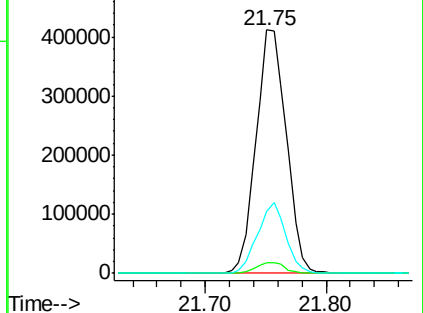
236 25.6 20.9 31.3



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



#78

Terphenyl-d14

Concen: 88.066 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034147.D

Acq: 3 May 2018 12:03

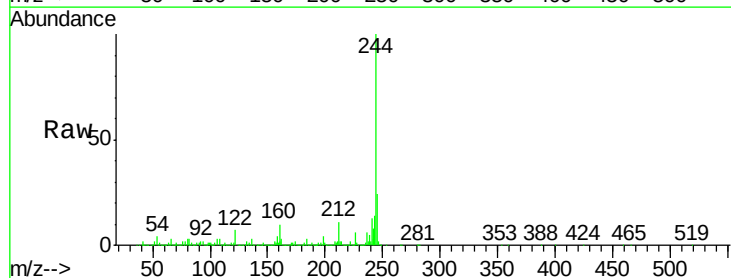
Tgt Ion:244 Resp: 2879937

Ion Ratio Lower Upper

244 100

212 10.7 5.8 8.8#

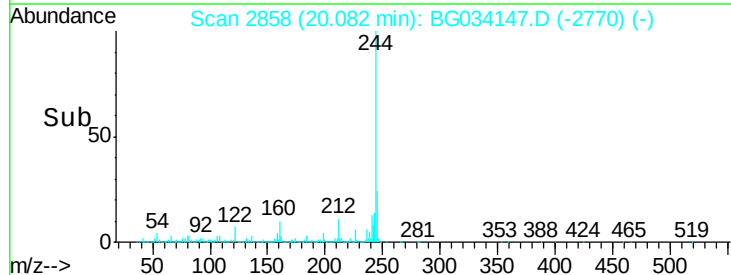
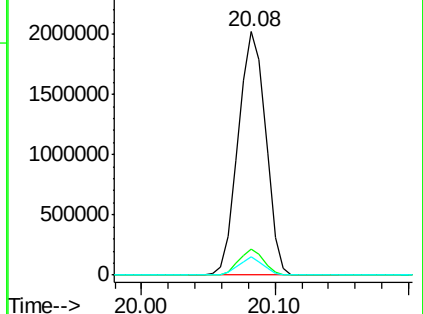
122 7.3 7.0 10.4

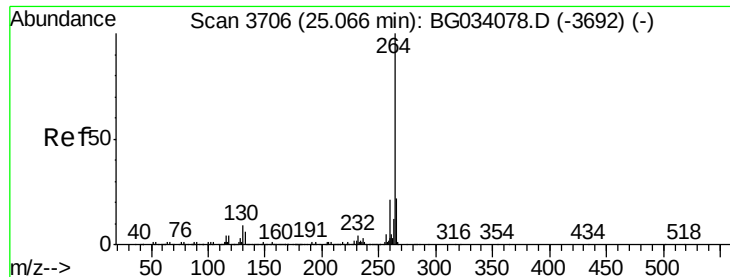


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG034147.D
Acq: 3 May 2018 12:03

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.0	17.7	26.5

