

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035478.D
 Acq On : 28 Jun 2018 13:02
 Operator : JU/SJ
 Sample : J3242-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-H

Quant Time: Jun 28 14:05:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

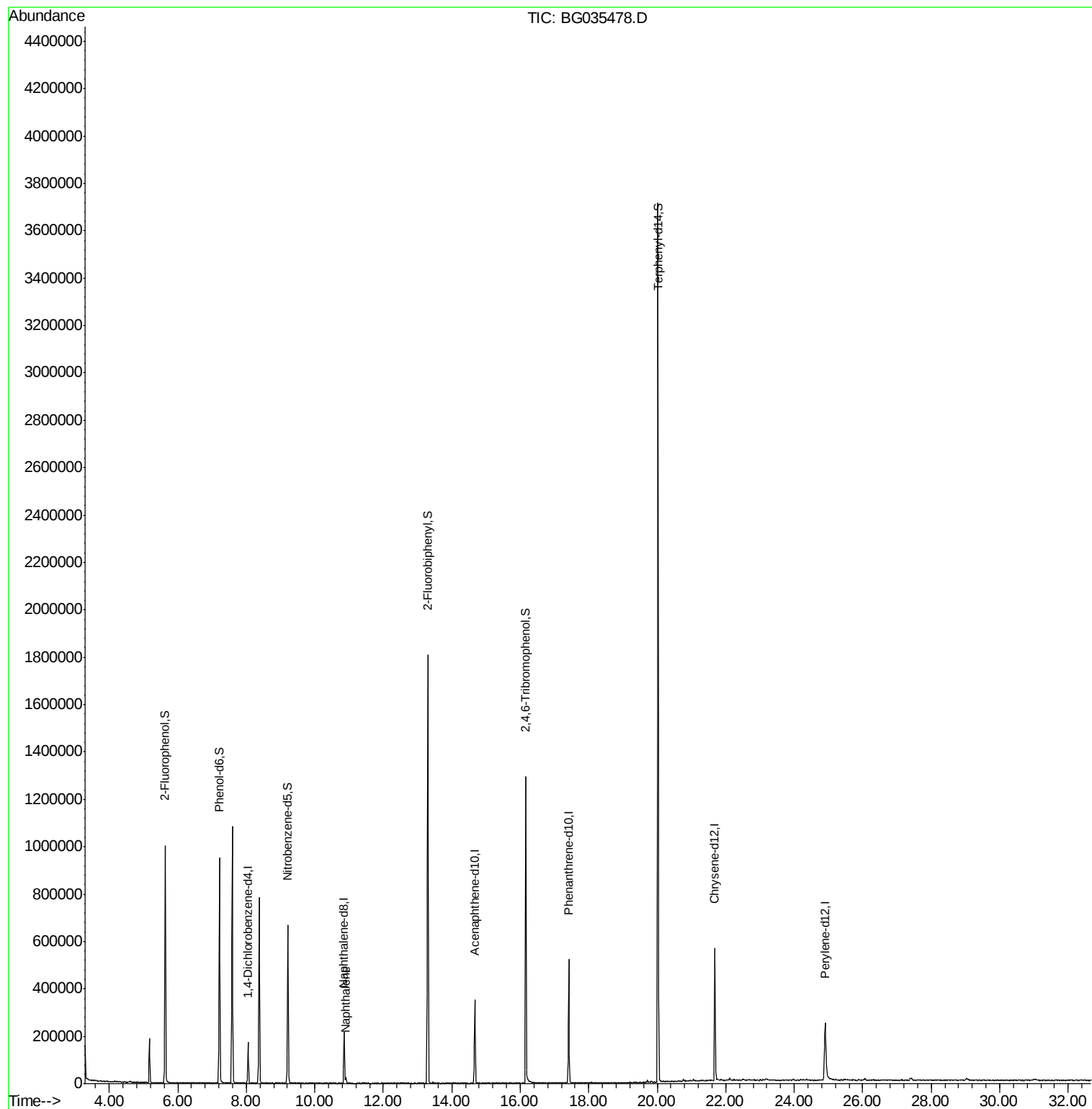
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50310	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	181275	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	125893	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	333171	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	369846	20.00	ng	-0.04
86) Perylene-d12	24.90	264	334448	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	435109	145.95	ng	-0.01
7) Phenol-d6	7.22	99	570836	129.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	451775	118.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	246982	153.25	ng	-0.03
44) 2-Fluorobiphenyl	13.30	172	985708	101.79	ng	-0.03
78) Terphenyl-d14	20.02	244	1775936	100.58	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	19953	2.119	ng	Qvalue 97

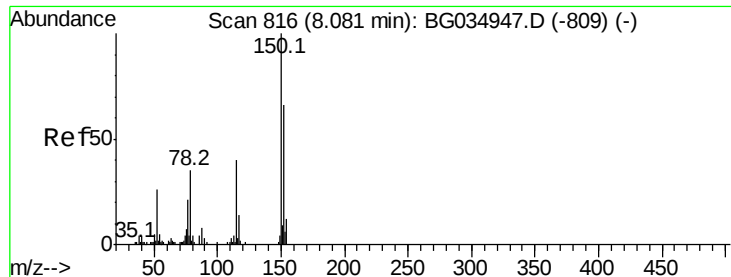
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.02 min

Lab File: BG035478.D

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JC-02-062618-H

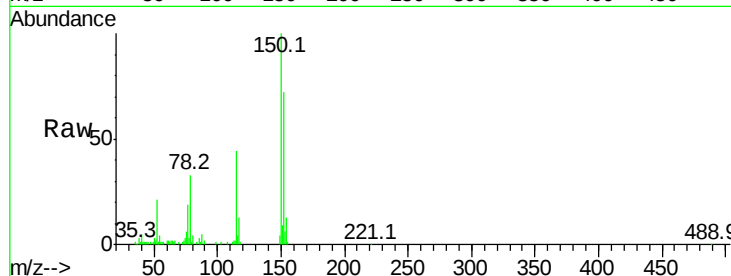
Tot Ion:152 Resp: 50310

Ion Ratio Lower Upper

152 100

150 138.3 126.6 189.8

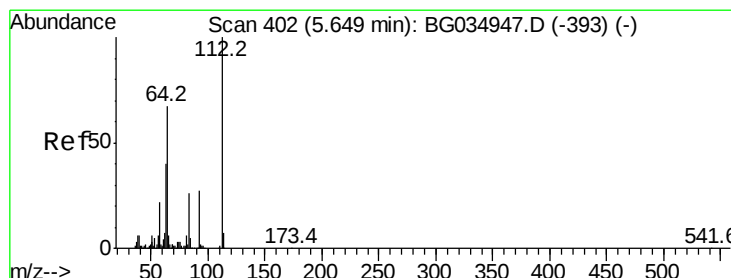
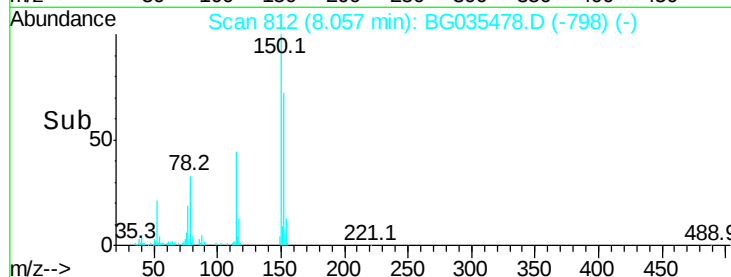
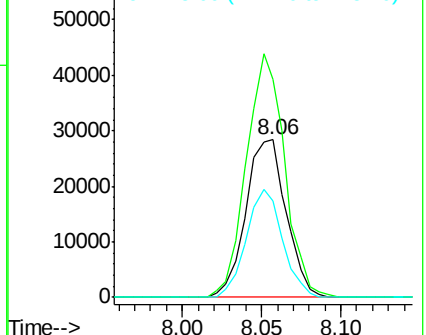
115 60.8 53.0 79.4



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: 145.954 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035478.D

Acq: 28 Jun 2018 13:02

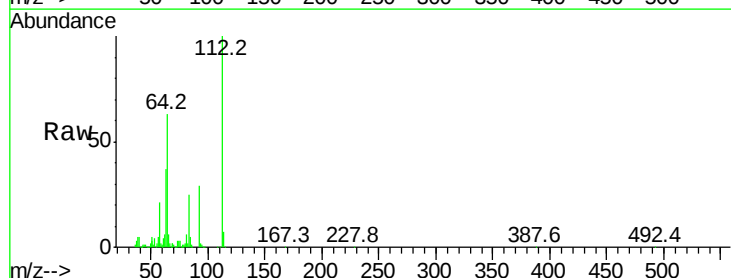
Tgt Ion:112 Resp: 435109

Ion Ratio Lower Upper

112 100

64 62.9 56.3 84.5

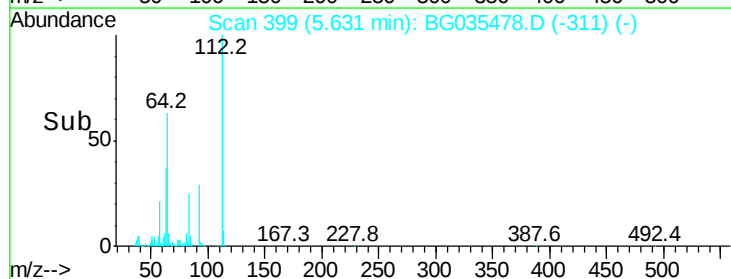
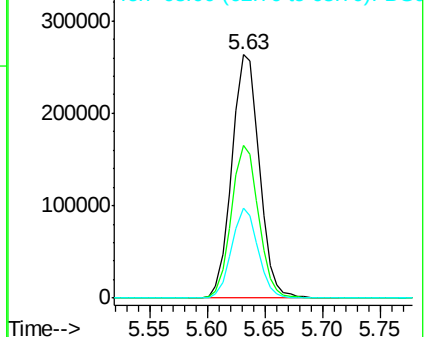
63 37.2 30.1 45.1

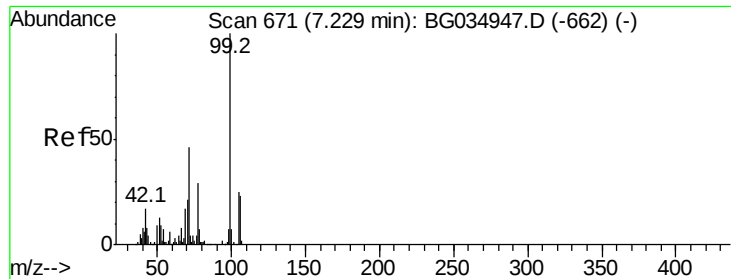


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.736 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035478.D

Acq: 28 Jun 2018 13:02

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-H

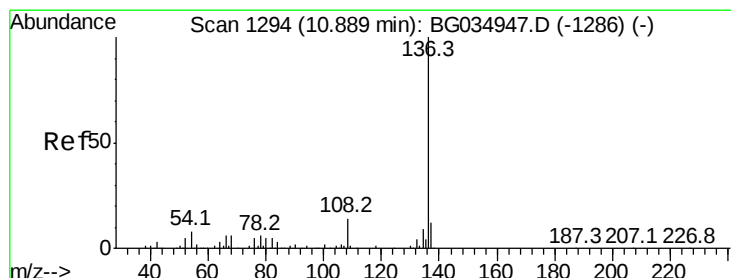
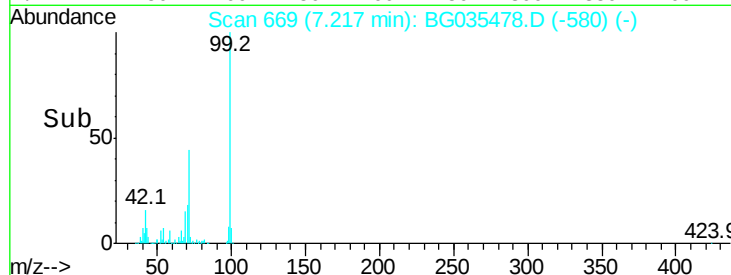
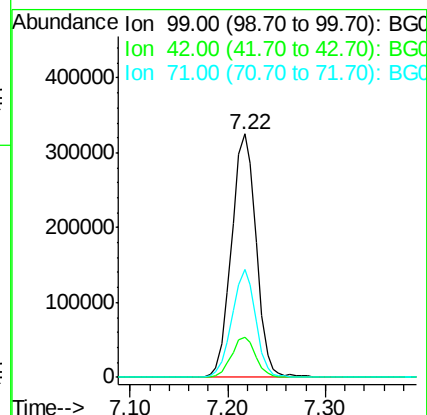
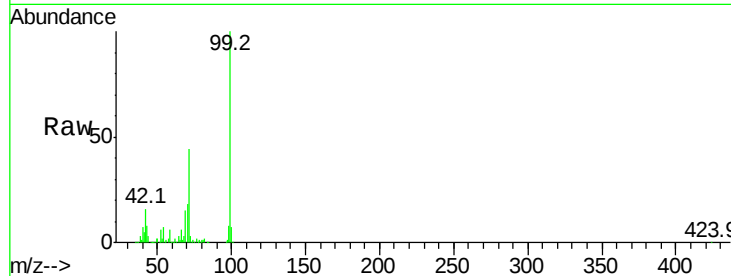
Tot Ion: 99 Resp: 570836

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 44.3 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035478.D

Acq: 28 Jun 2018 13:02

Tgt Ion: 136 Resp: 181275

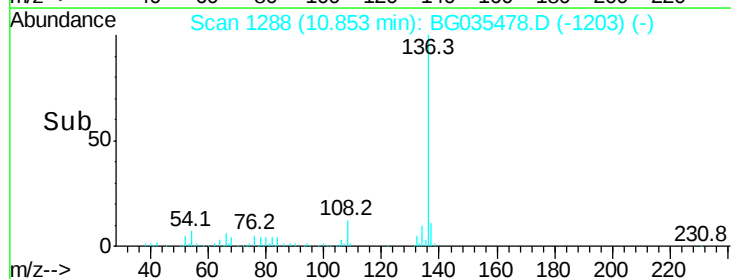
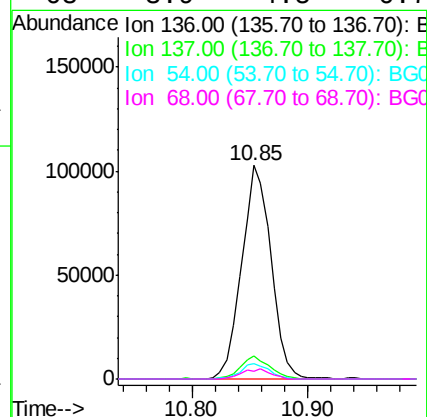
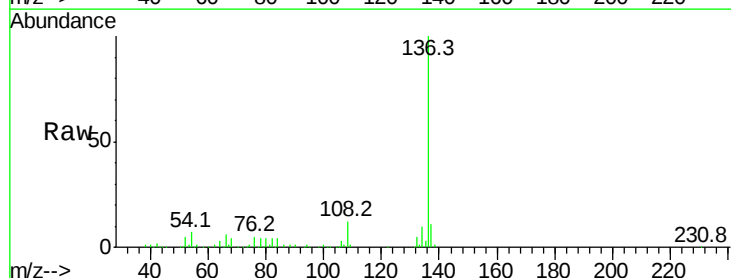
Ion Ratio Lower Upper

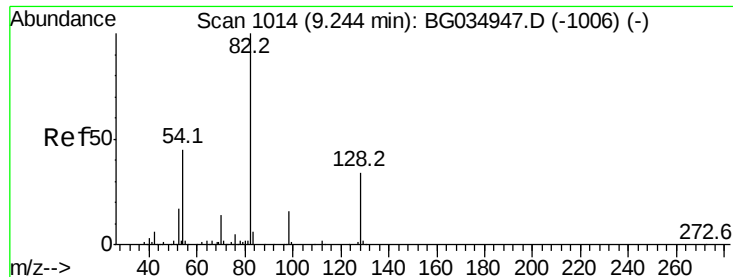
136 100

137 10.7 9.2 13.8

54 6.9 10.3 15.5#

68 3.9 4.5 6.7#

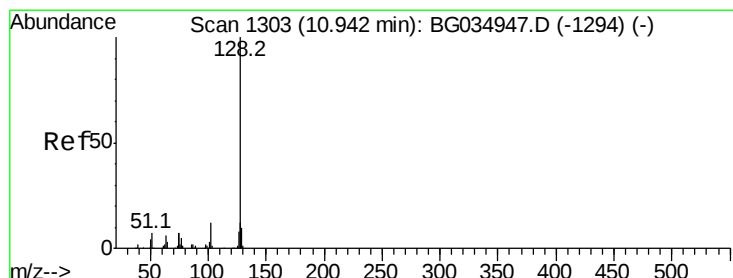
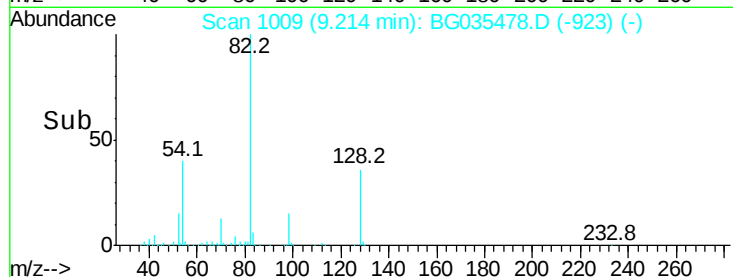
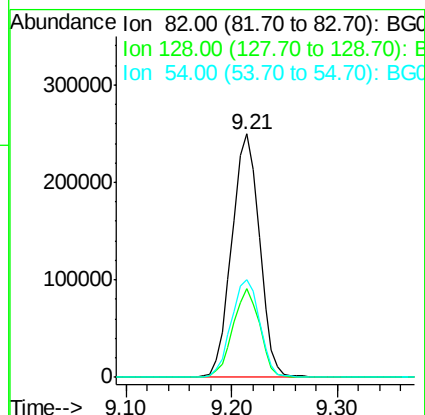
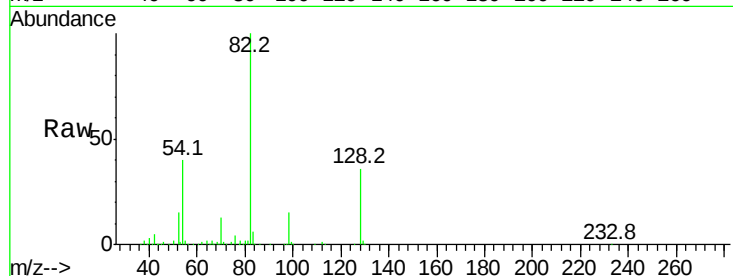




#23
 Nitrobenzene-d5
 Concen: 118.465 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035478.D
 Acq: 28 Jun 2018 13:02

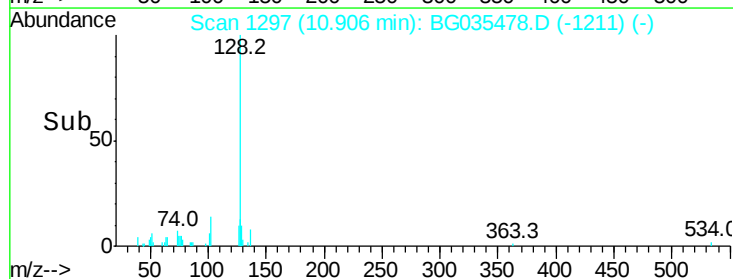
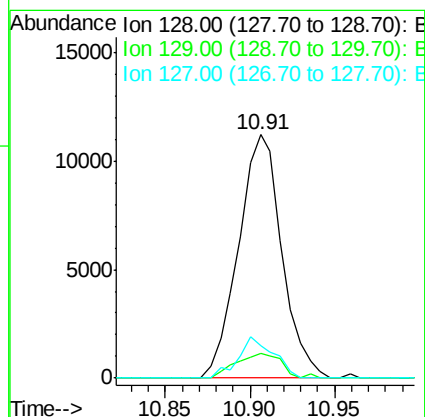
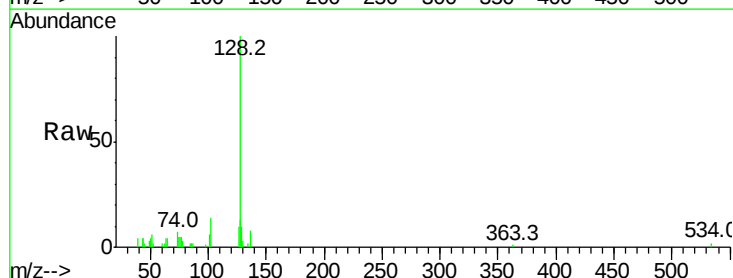
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-H

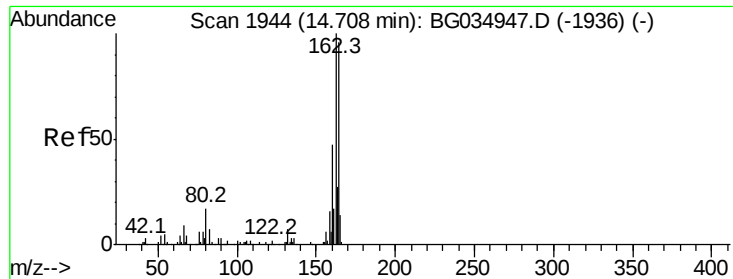
Tot Ion	82	Resp	451775
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	40.4	43.1	64.7#



#31
 Naphthalene
 Concen: 2.119 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BG035478.D
 Acq: 28 Jun 2018 13:02

Tgt Ion	128	Resp	19953
Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.6	12.8
127	13.1	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.03 min

Lab File: BG035478.D

Acq: 28 Jun 2018 13:02

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-H

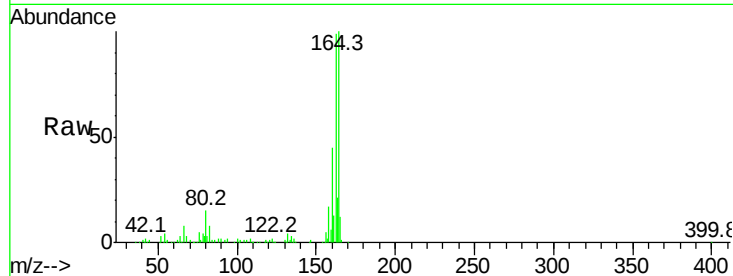
Tot Ion:164 Resp: 125893

Ion Ratio Lower Upper

164 100

162 99.0 78.8 118.2

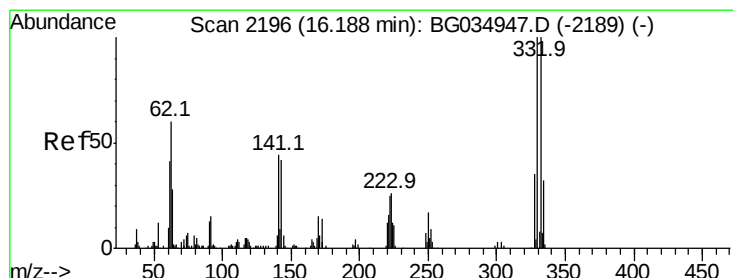
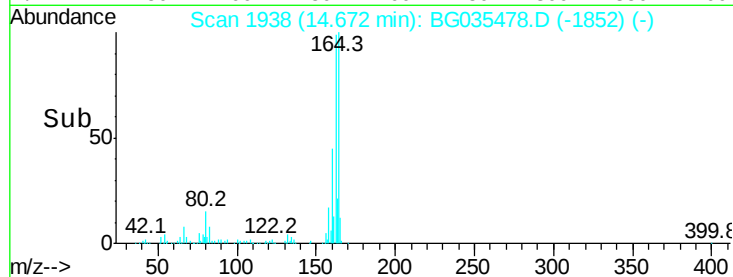
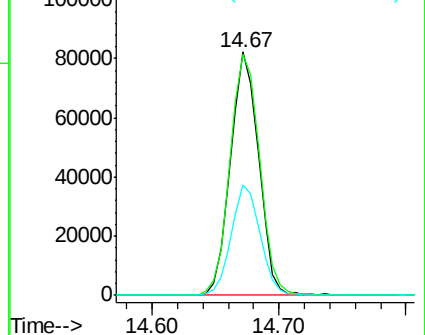
160 45.1 35.4 53.0



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: 153.254 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.03 min

Lab File: BG035478.D

Acq: 28 Jun 2018 13:02

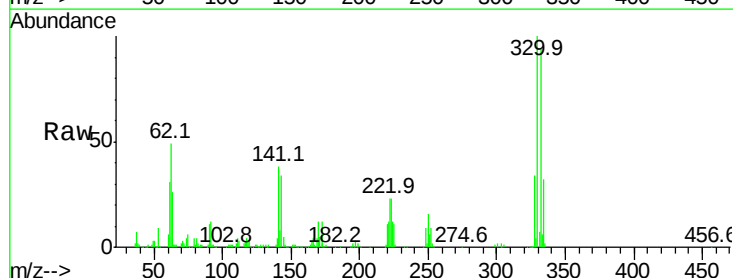
Tgt Ion:330 Resp: 246982

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

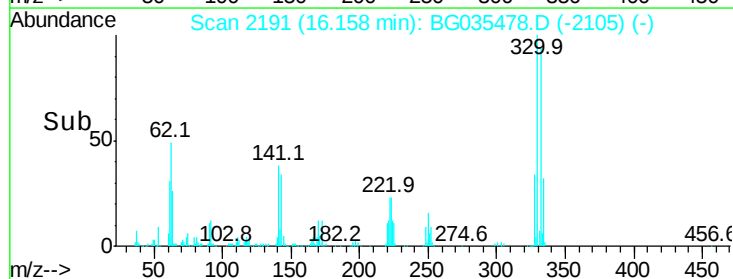
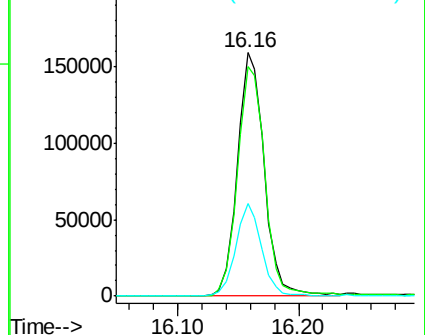
141 36.6 25.2 37.8

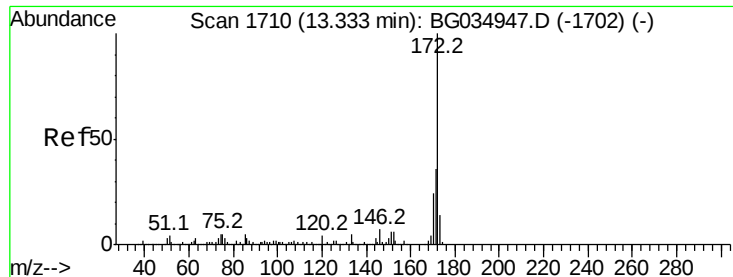


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

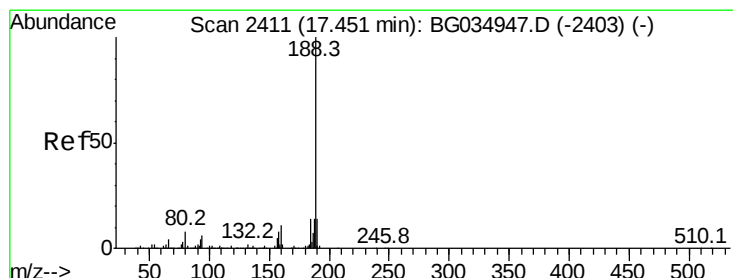
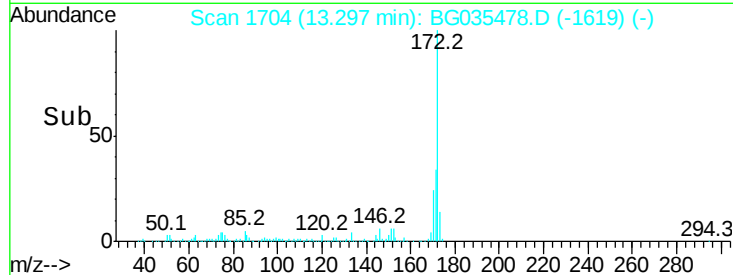
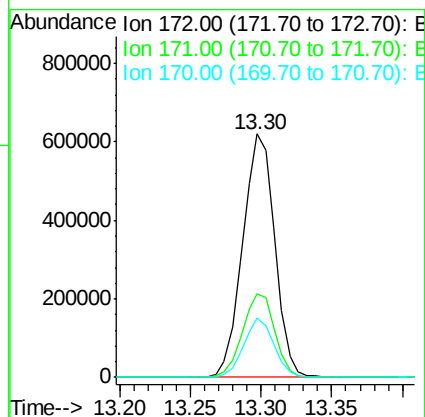
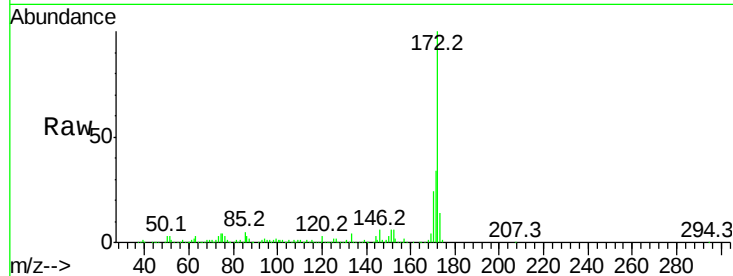




#44
 2-Fluorobiphenyl
 Concen: 101.786 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035478.D
 Acq: 28 Jun 2018 13:02

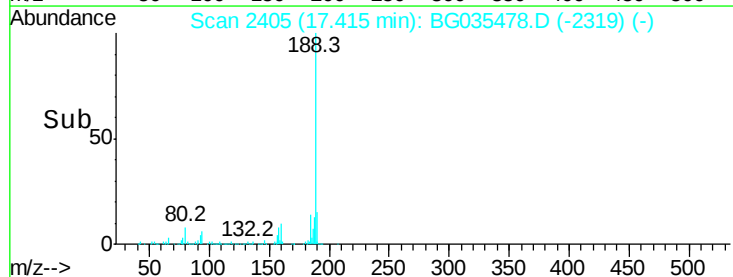
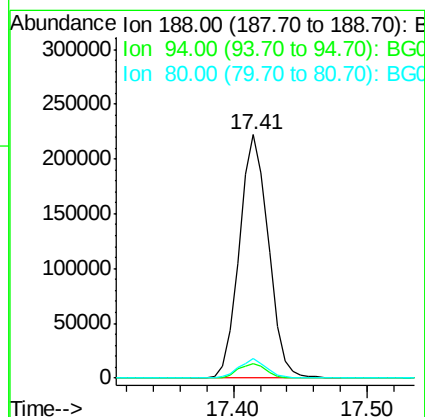
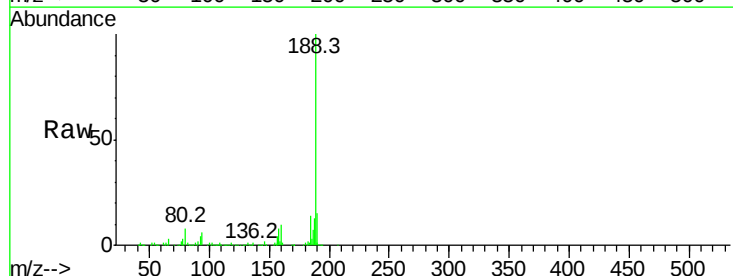
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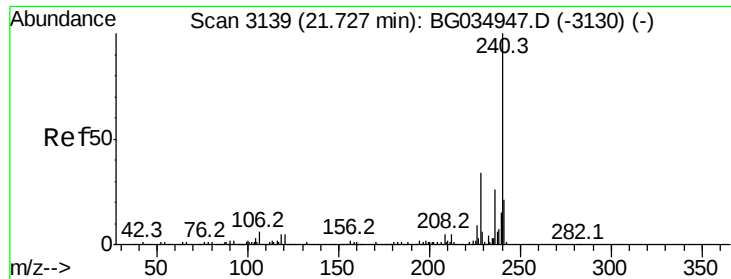
Tot Ion:172 Resp: 985708
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.0 45.0
 170 24.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035478.D
 Acq: 28 Jun 2018 13:02

Tgt Ion:188 Resp: 333171
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 7.9 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035478.D

Acq: 28 Jun 2018 13:02

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-H

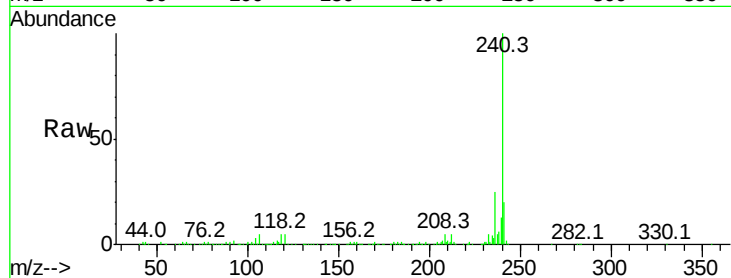
Tot Ion:240 Resp: 369846

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

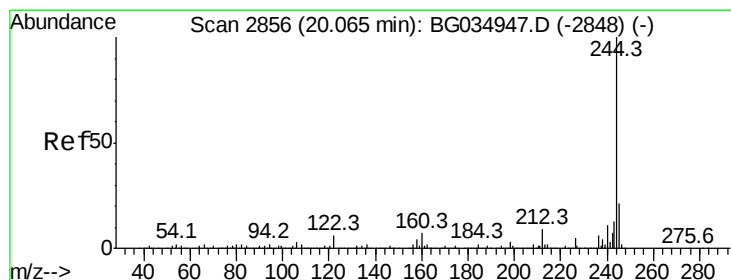
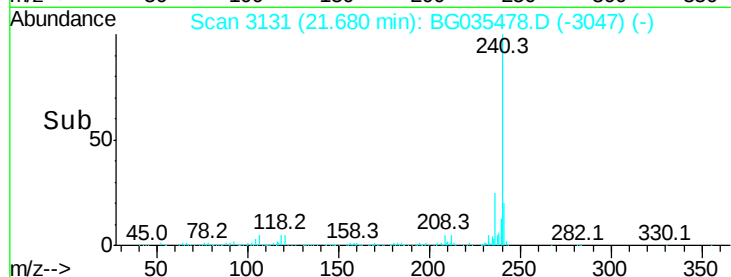
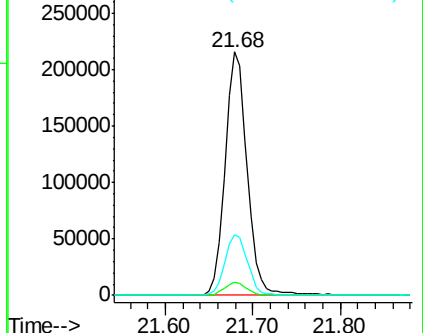
236 25.1 20.9 31.3



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: 100.583 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035478.D

Acq: 28 Jun 2018 13:02

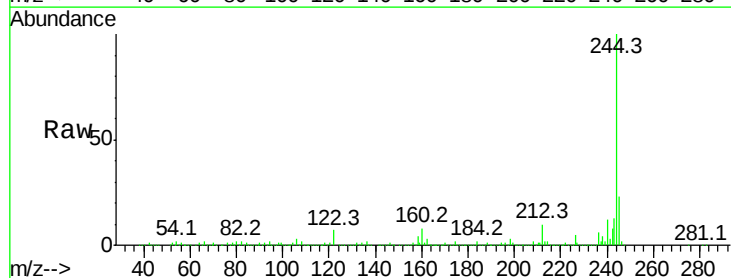
Tgt Ion:244 Resp: 1775936

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

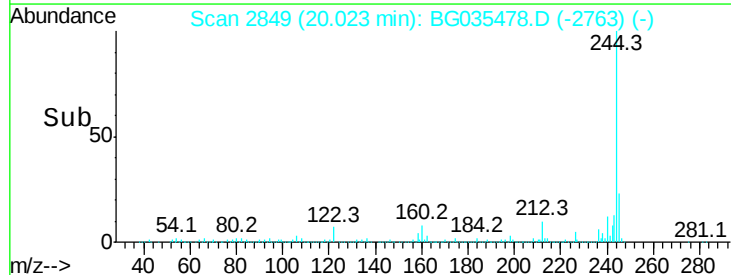
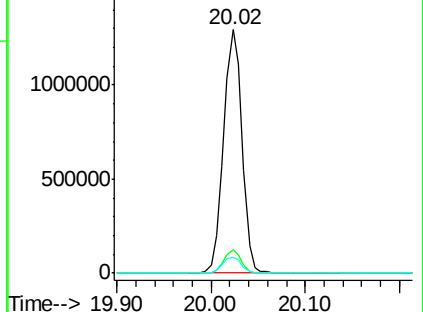
122 6.7 7.0 10.4#

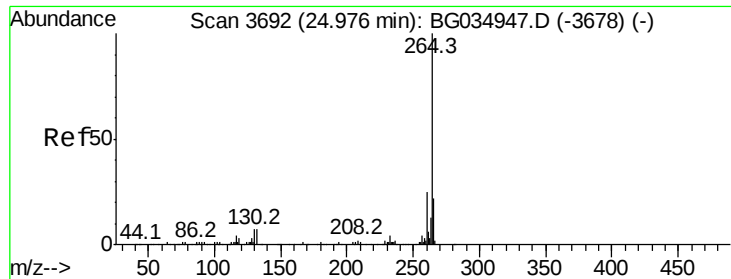


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

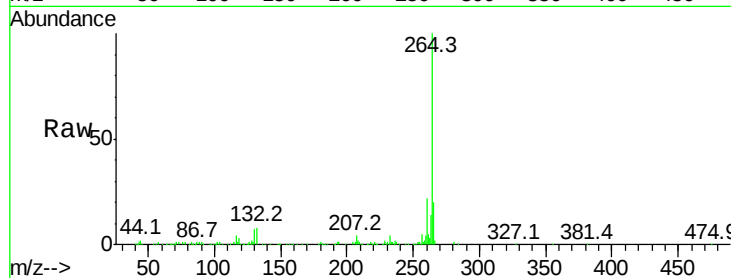




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035478.D
Acq: 28 Jun 2018 13:02

Instrument :
BNA_G
ClientSampleId :
JC-02-062618-H

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.4	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

