

Data File : BG035294.D
Acq On : 21 Jun 2018 10:26
Operator : SJ/JU
Sample : J3573-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-53-COMP

Quant Time: Jun 21 11:46:43 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

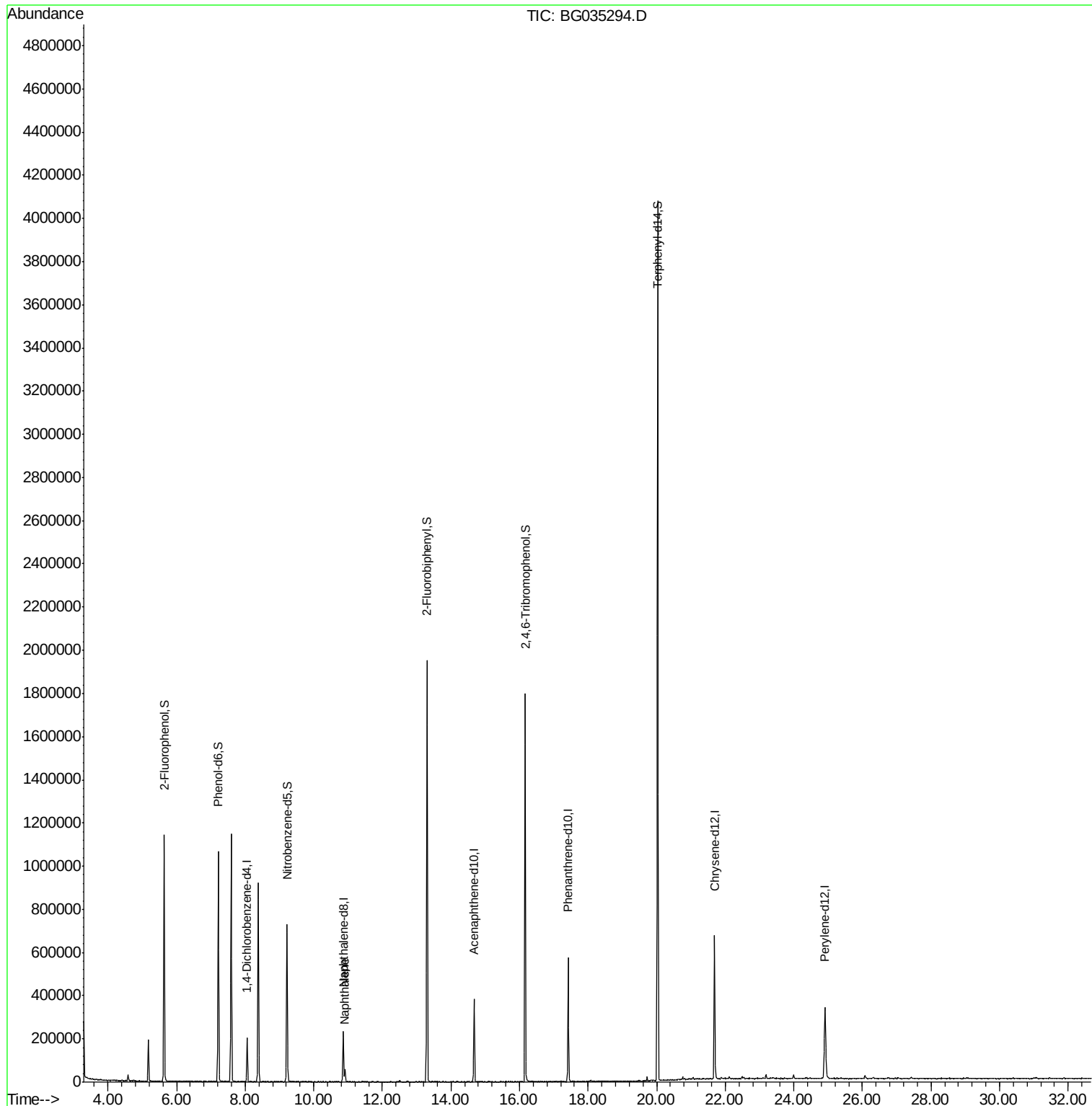
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58826	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	199332	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	133695	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	369518	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	400422	20.00	ng	-0.03
86) Perylene-d12	24.91	264	384761	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	489820	140.52	ng	0.00
7) Phenol-d6	7.22	99	634567	123.34	ng	0.00
23) Nitrobenzene-d5	9.22	82	491709	117.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	335025	195.75	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1064406	103.50	ng	-0.02
78) Terphenyl-d14	20.03	244	1936256	101.29	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	47021	4.541	ng	Qvalue 96

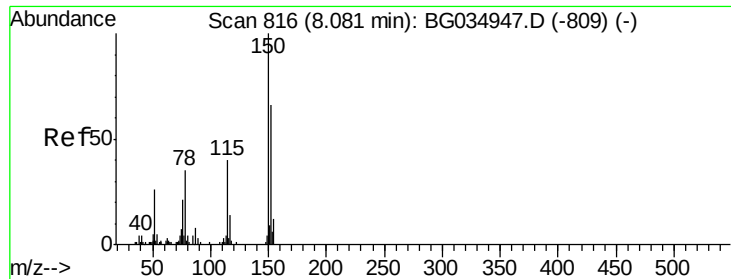
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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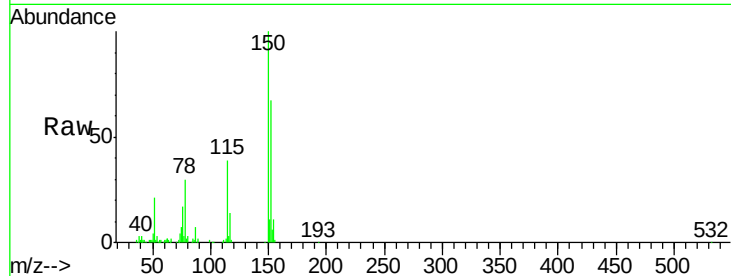


#1

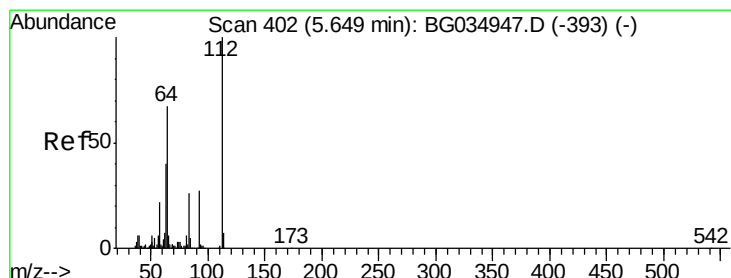
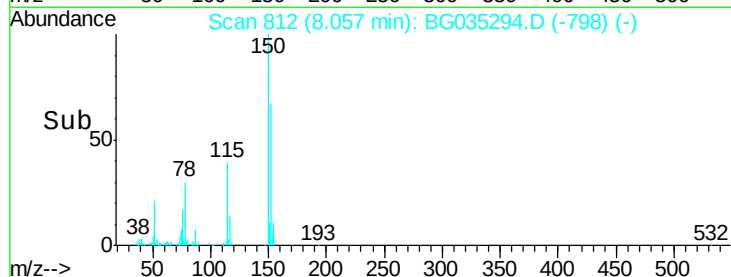
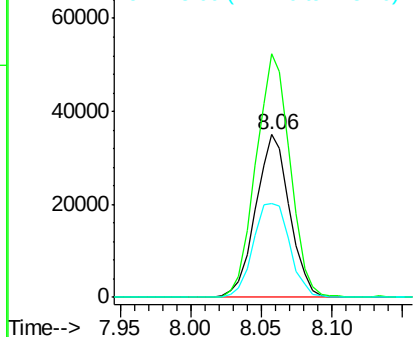
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035294.D
Acq: 21 Jun 2018 10:26

Instrument :
BNA_G
ClientSampleId :
SB-53-COMP

Tgt Ion:152 Resp: 58826
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 57.8 53.0 79.4



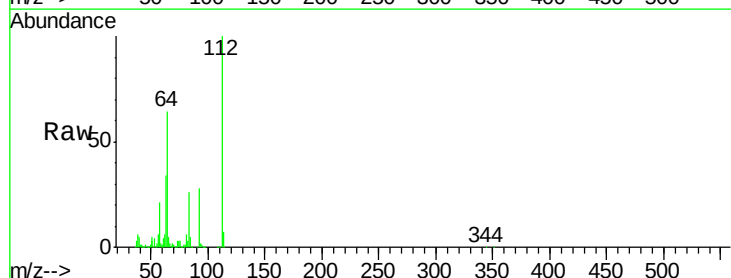
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



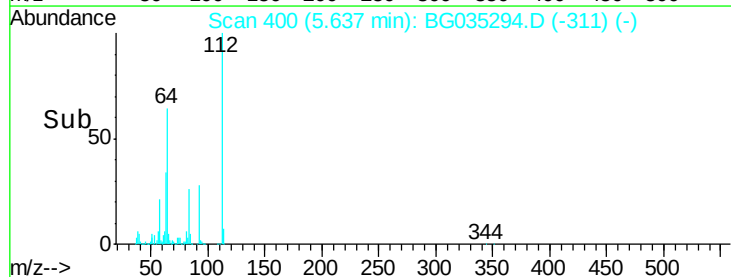
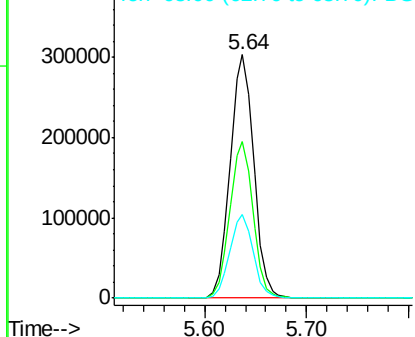
#5

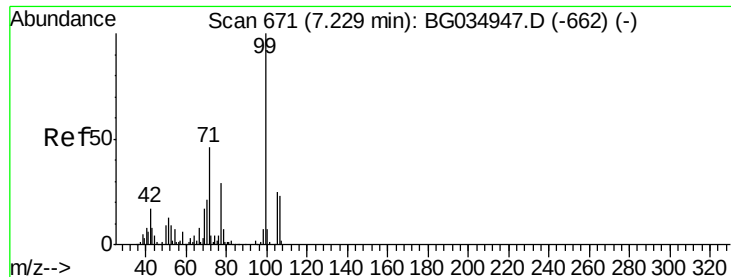
2-Fluorophenol
Concen: 140.520 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035294.D
Acq: 21 Jun 2018 10:26

Tgt Ion:112 Resp: 489820
Ion Ratio Lower Upper
112 100
64 64.4 56.3 84.5
63 34.5 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: 123.342 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035294.D

Acq: 21 Jun 2018 10:26

Instrument :

BNA_G

ClientSampleId :

SB-53-COMP

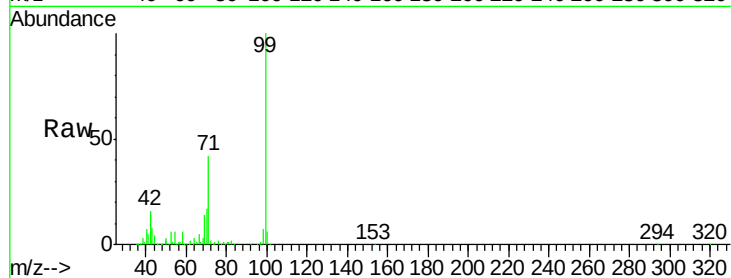
Tgt Ion: 99 Resp: 634567

Ion Ratio Lower Upper

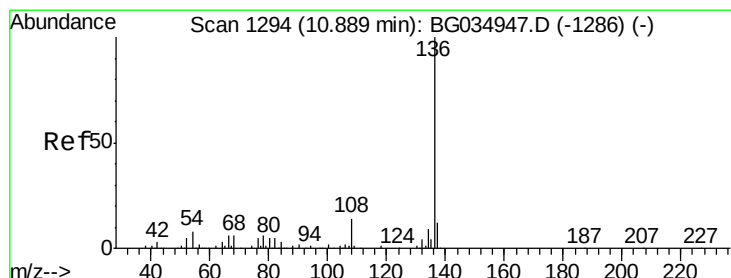
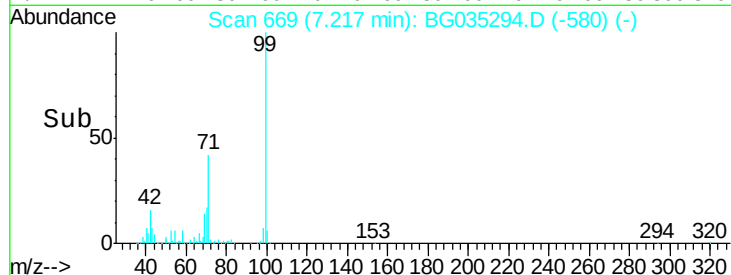
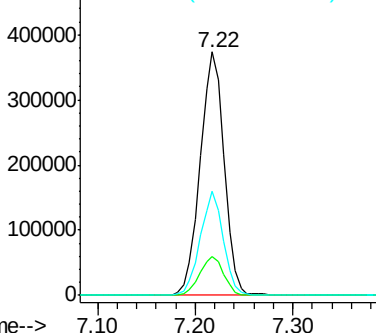
99 100

42 16.1 14.1 21.1

71 42.5 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035294.D

Acq: 21 Jun 2018 10:26

Tgt Ion: 136 Resp: 199332

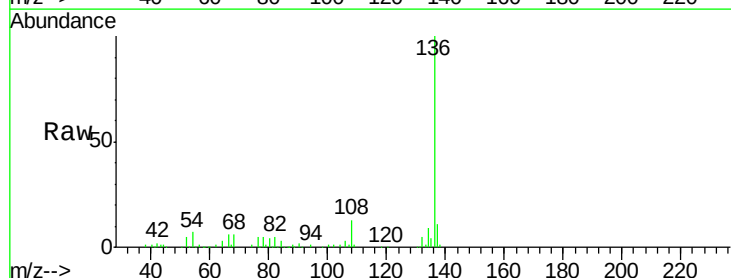
Ion Ratio Lower Upper

136 100

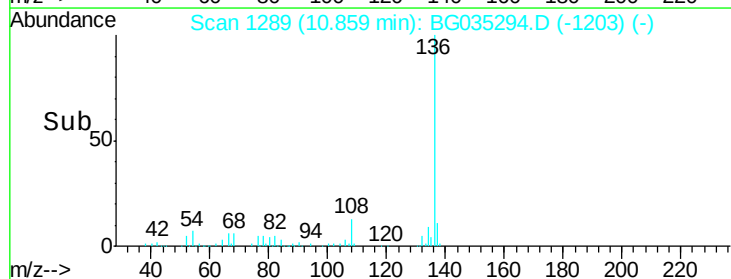
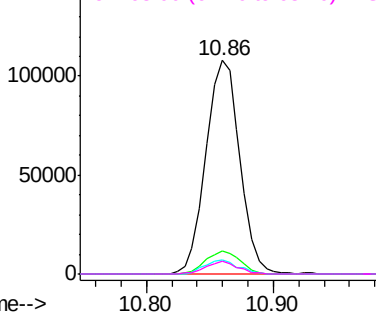
137 10.7 9.2 13.8

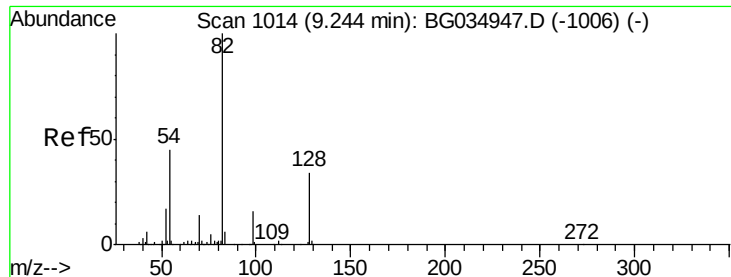
54 6.8 10.3 15.5#

68 5.7 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

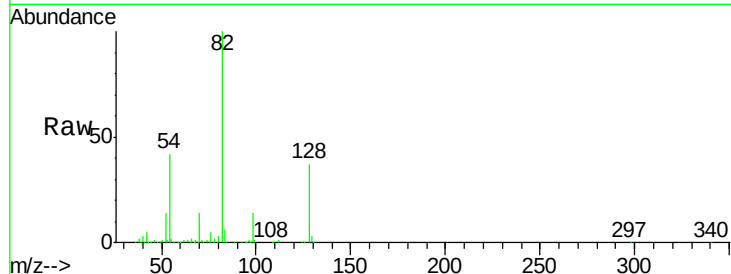




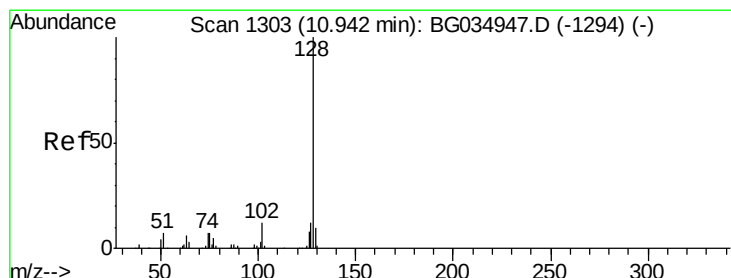
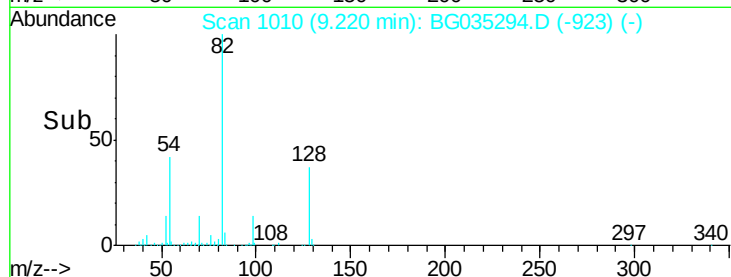
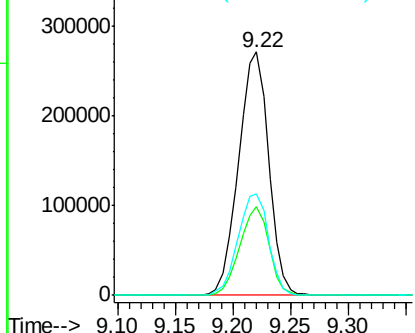
#23
 Nitrobenzene-d5
 Concen: 117.257 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035294.D
 Acq: 21 Jun 2018 10:26

Instrument :
 BNA_G
 ClientSampleId :
 SB-53-COMP

Tgt Ion: 82 Resp: 491709
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.7 44.5
 54 41.8 43.1 64.7#

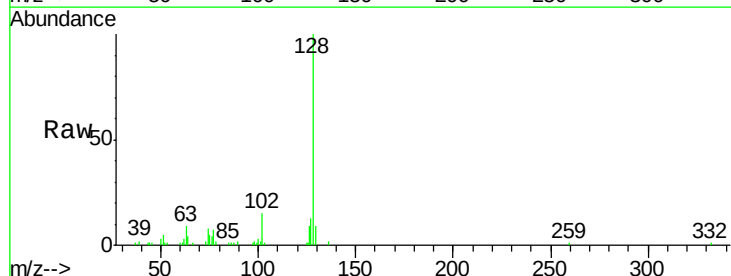


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

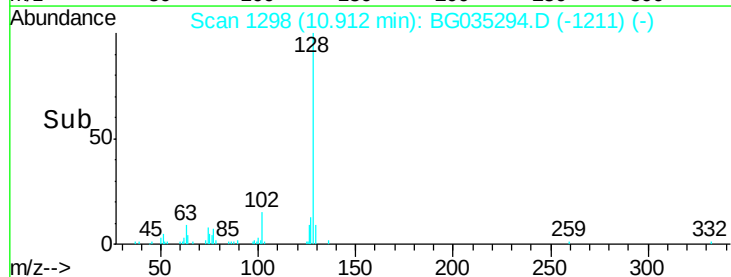
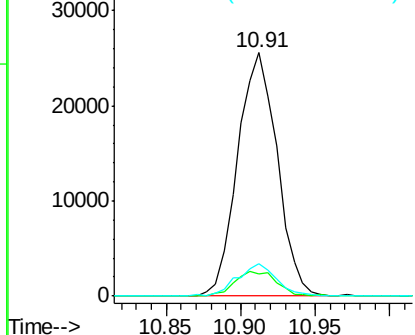


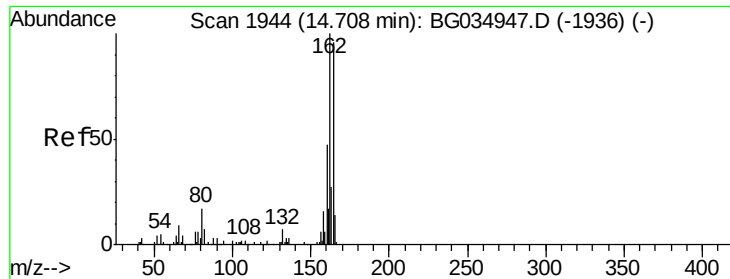
#31
 Naphthalene
 Concen: 4.541 ng
 RT: 10.91 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BG035294.D
 Acq: 21 Jun 2018 10:26

Tgt Ion: 128 Resp: 47021
 Ion Ratio Lower Upper
 128 100
 129 9.0 8.6 12.8
 127 13.3 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

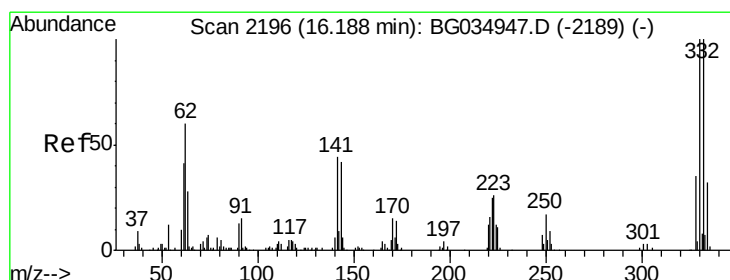
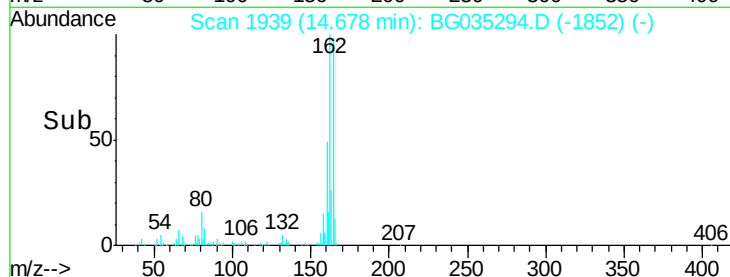
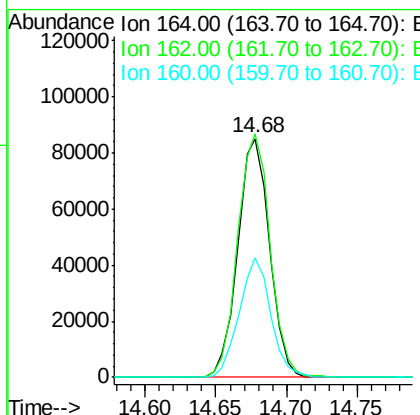
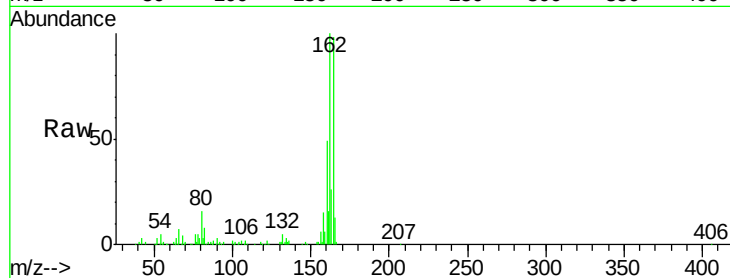




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035294.D
Acq: 21 Jun 2018 10:26

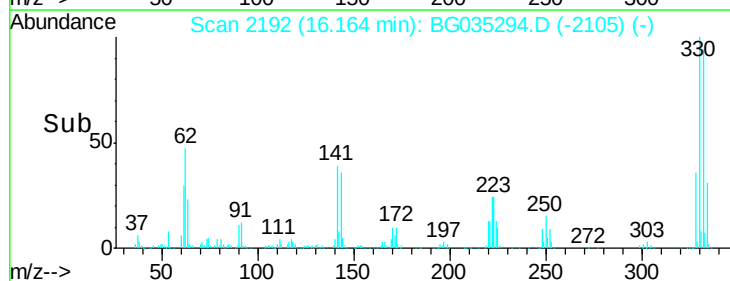
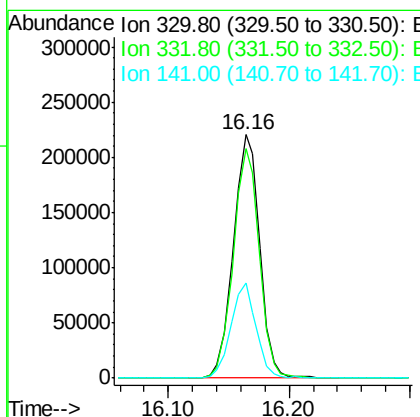
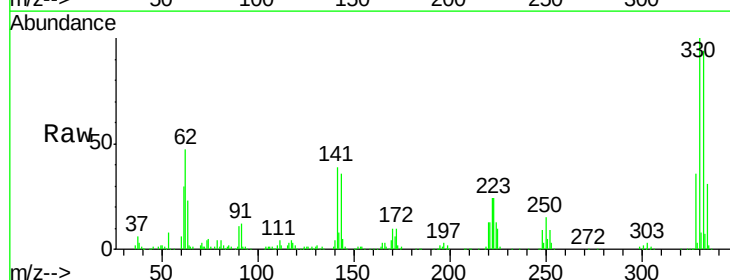
Instrument :
BNA_G
ClientSampleId :
SB-53-COMP

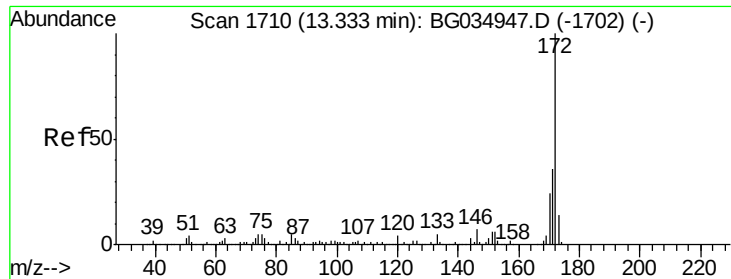
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	49.8	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 195.753 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035294.D
Acq: 21 Jun 2018 10:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.0	115.6
141	37.2	25.2	37.8

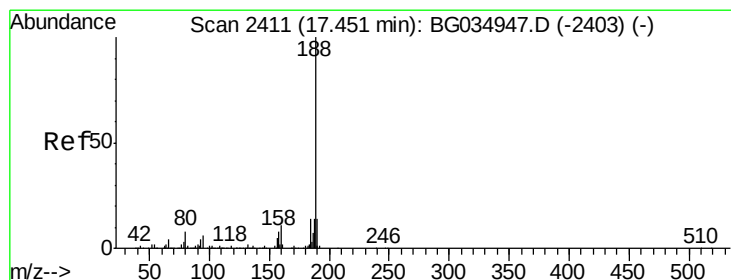
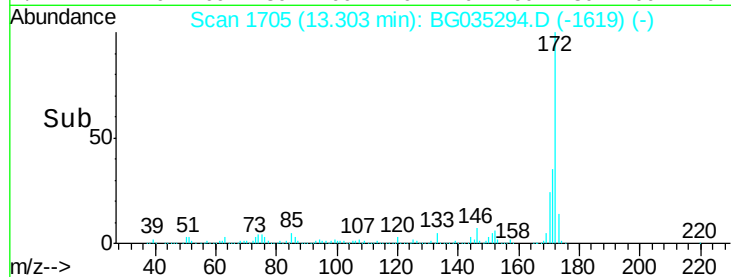
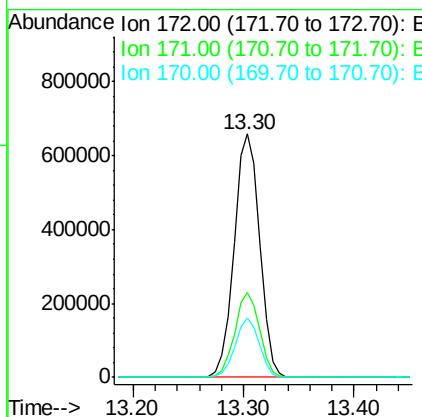
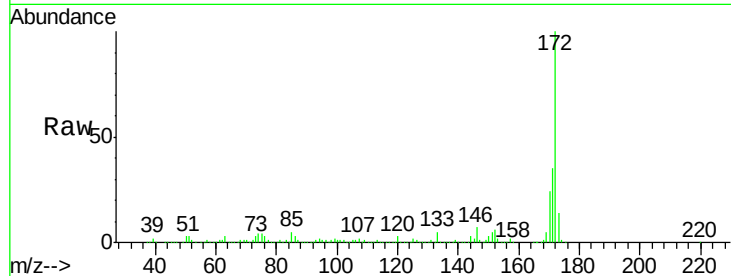




#44
 2-Fluorobiphenyl
 Concen: 103.499 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035294.D
 Acq: 21 Jun 2018 10:26

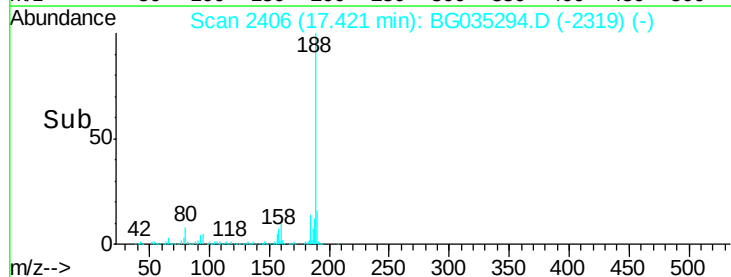
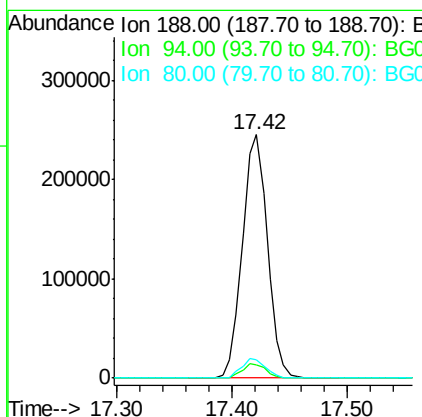
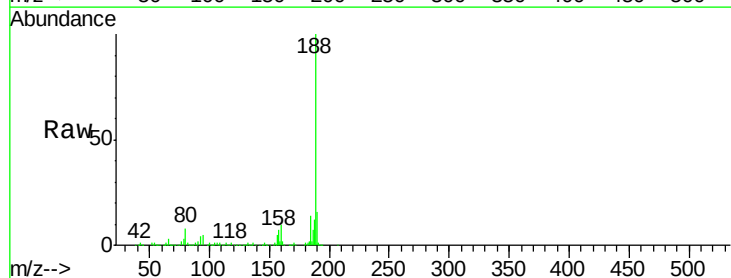
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 SB-53-COMP

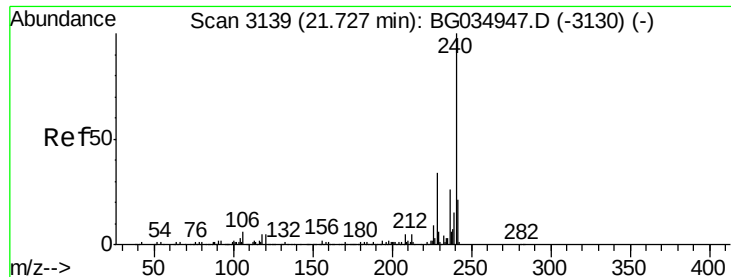
Tgt Ion:172 Resp: 1064406
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 24.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035294.D
 Acq: 21 Jun 2018 10:26

Tgt Ion:188 Resp: 369518
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 7.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035294.D

Acq: 21 Jun 2018 10:26

Instrument :

BNA_G

ClientSampleId :

SB-53-COMP

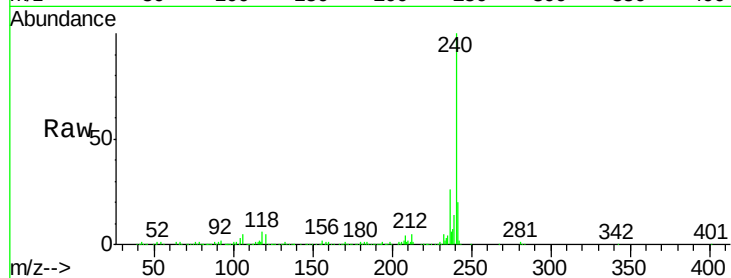
Tgt Ion:240 Resp: 400422

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

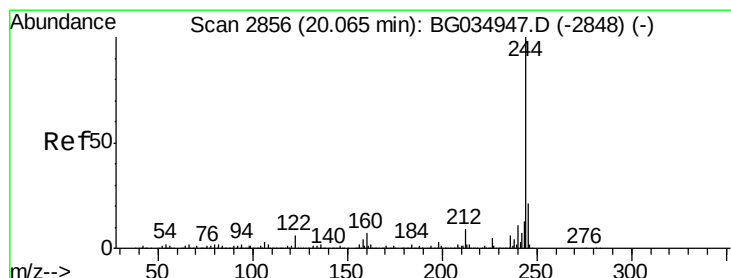
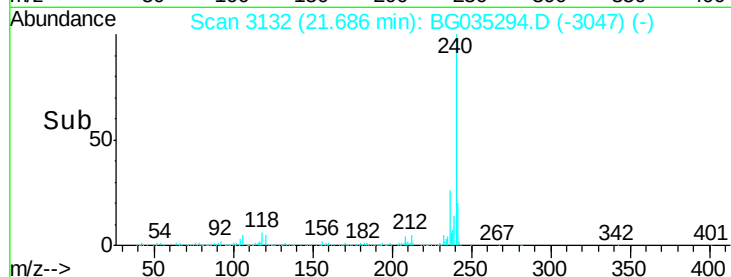
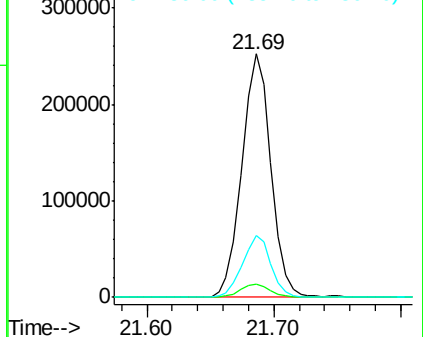
236 25.6 20.9 31.3



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: 101.289 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035294.D

Acq: 21 Jun 2018 10:26

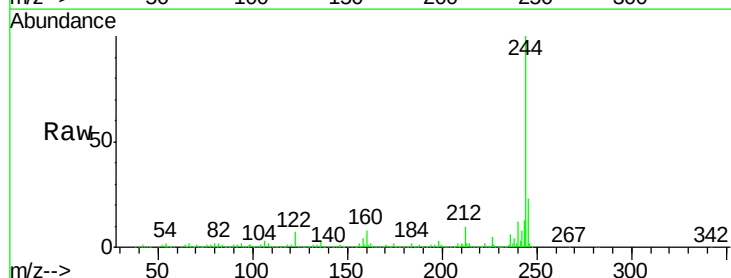
Tgt Ion:244 Resp: 1936256

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

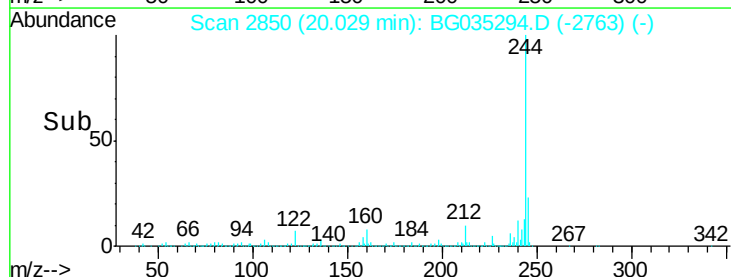
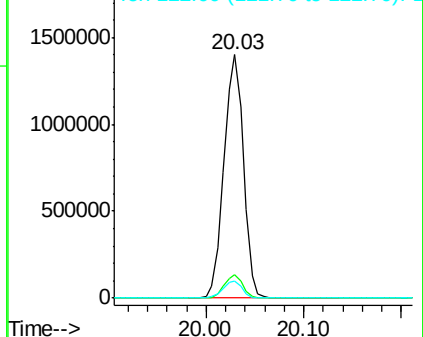
122 7.1 7.0 10.4

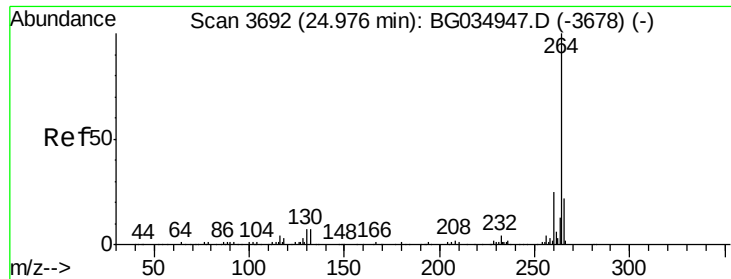


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035294.D
Acq: 21 Jun 2018 10:26

Instrument :
BNA_G
ClientSampleId :
SB-53-COMP

Tgt Ion: 264 Resp: 384761

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	20.8	17.7	26.5

