

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062018\
Quantitation Report (QT/LSC Reviewed)

Data File : BG035293.D
Acq On : 21 Jun 2018 9:48
Operator : SJ/JU
Sample : J3573-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-52-COMP

Quant Time: Jun 21 11:43:24 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	8.05	152	54801	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	188211	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	127555	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	345270	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	380618	20.00	ng	-0.03
86) Perylene-d12	24.91	264	372883	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	427447	131.63	ng	0.00
7) Phenol-d6	7.21	99	538660	112.39	ng	0.00
23) Nitrobenzene-d5	9.22	82	425646	107.50	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	286884	175.69	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	915121	93.27	ng	-0.03
78) Terphenyl-d14	20.03	244	1747689	96.18	ng	-0.02

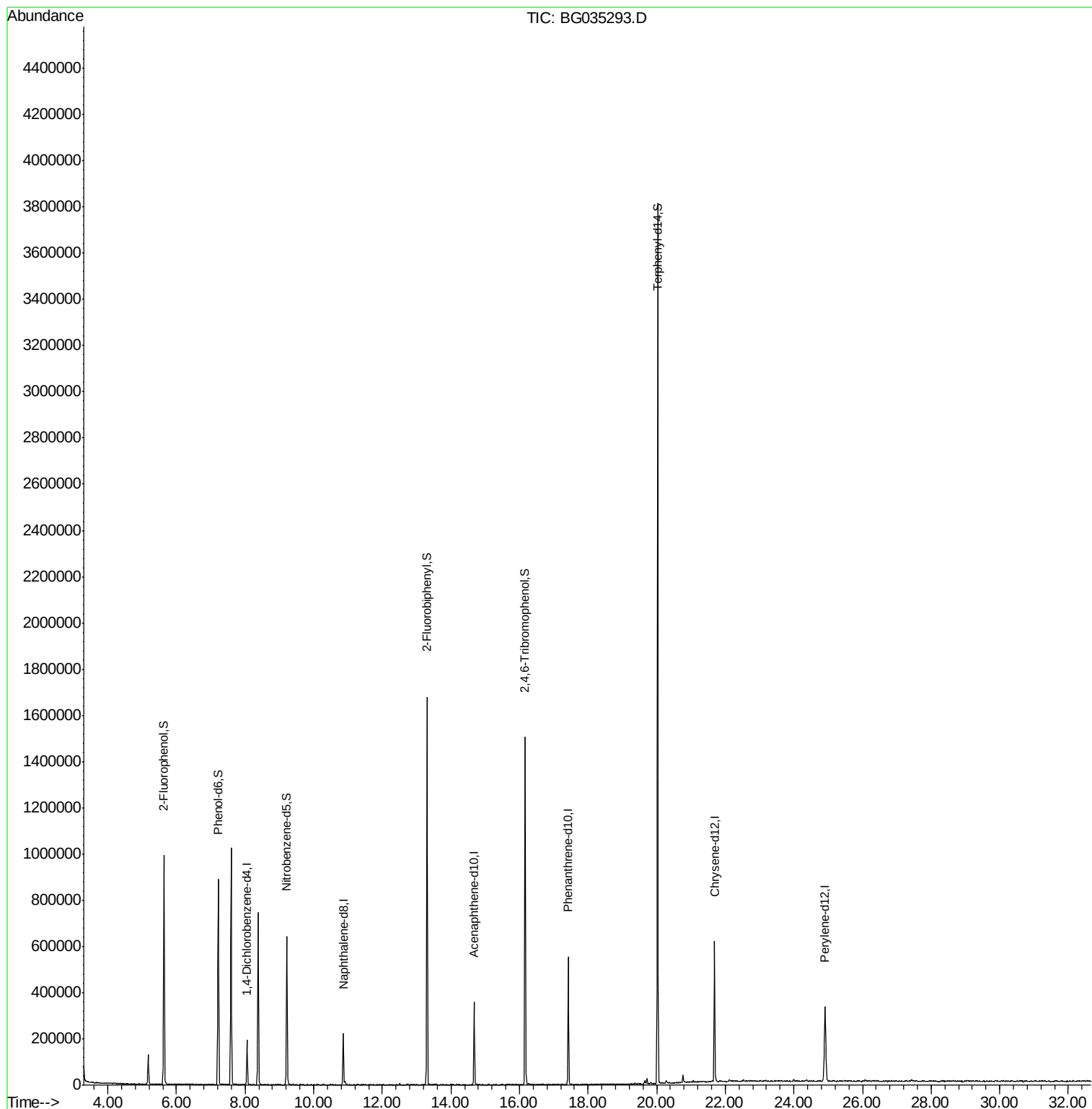
Target Compounds	Qvalue
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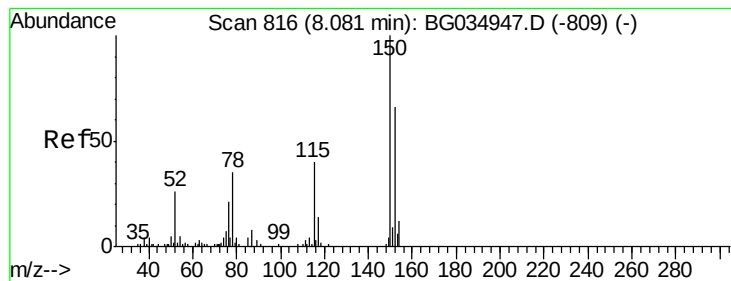
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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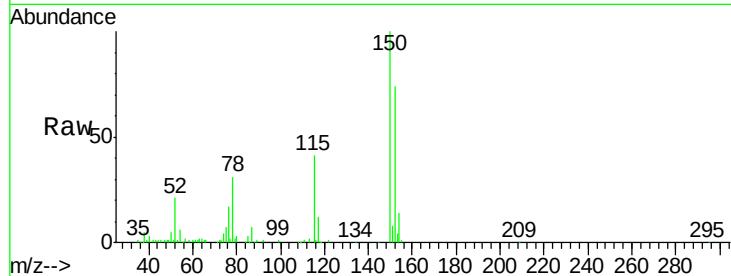


#1

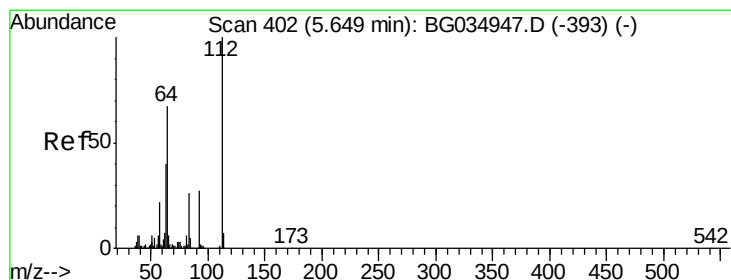
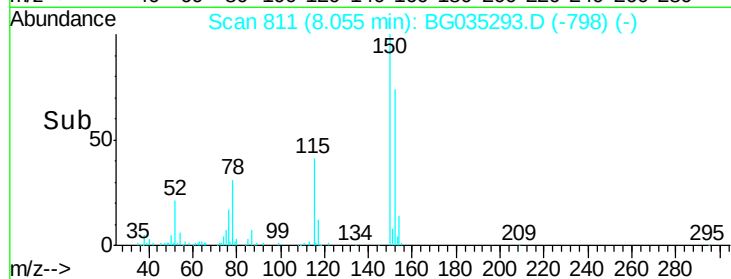
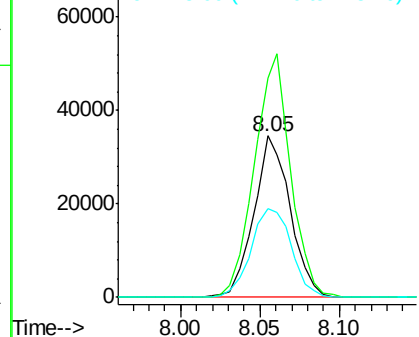
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035293.D
Acq: 21 Jun 2018 9:48

Instrument :
BNA_G
ClientSampleId :
SB-52-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	135.5	126.6	189.8
115	55.2	53.0	79.4



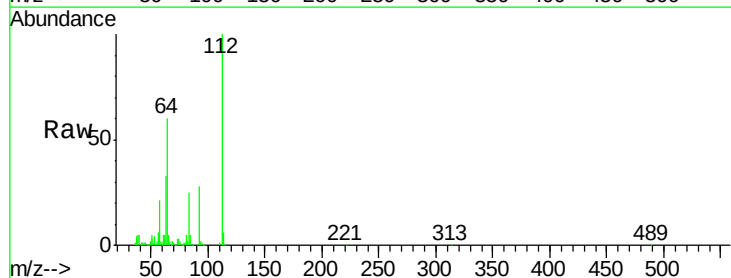
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



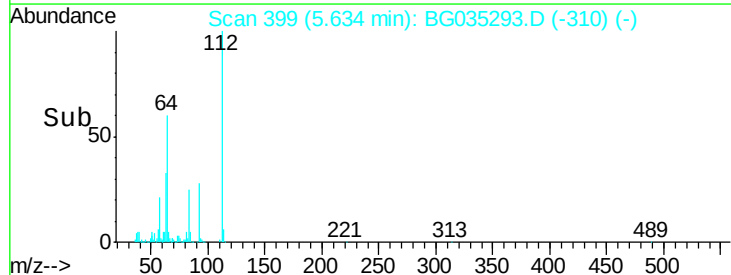
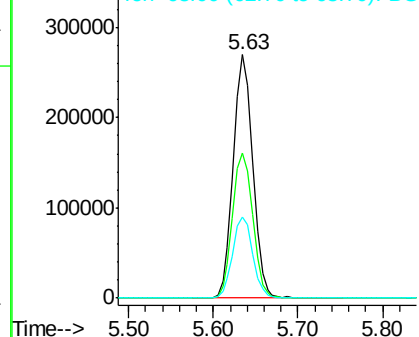
#5

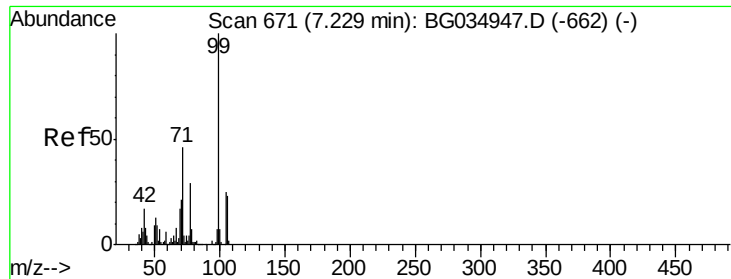
2-Fluorophenol
Concen: 131.633 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035293.D
Acq: 21 Jun 2018 9:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	56.3	84.5
63	33.4	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: 112.390 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035293.D

Acq: 21 Jun 2018 9:48

Instrument :

BNA_G

ClientSampleId :

SB-52-COMP

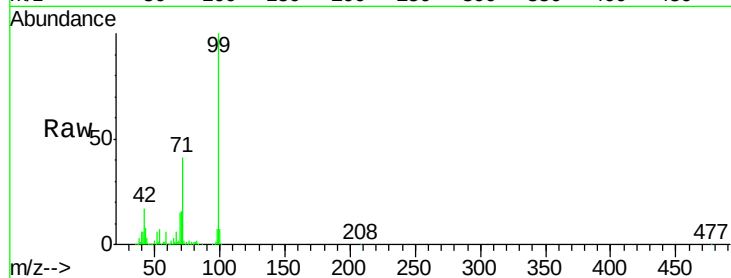
Tgt Ion: 99 Resp: 538660

Ion Ratio Lower Upper

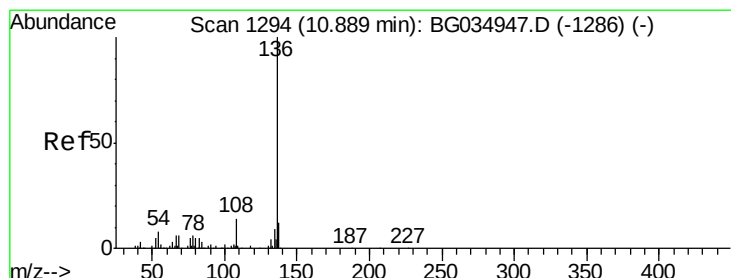
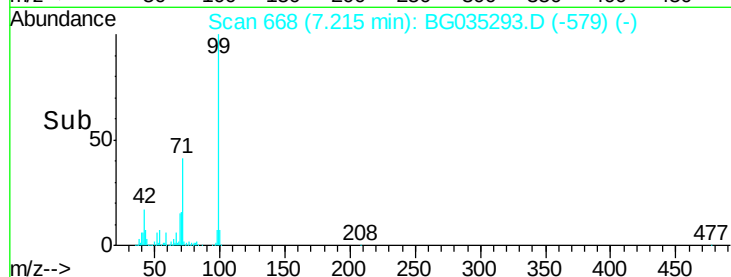
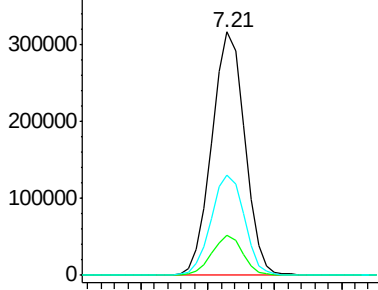
99 100

42 16.5 14.1 21.1

71 41.0 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035293.D

Acq: 21 Jun 2018 9:48

Tgt Ion: 136 Resp: 188211

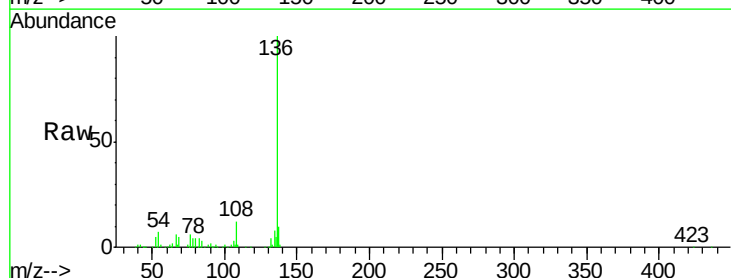
Ion Ratio Lower Upper

136 100

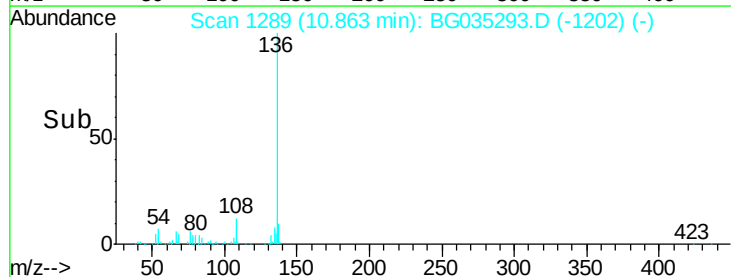
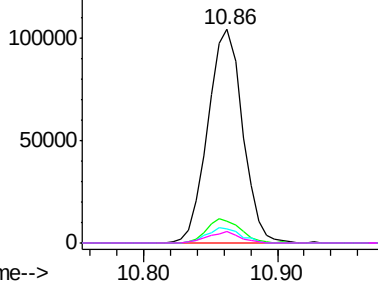
137 10.0 9.2 13.8

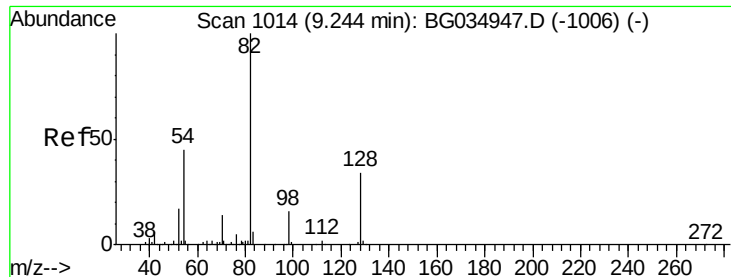
54 6.7 10.3 15.5#

68 5.4 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

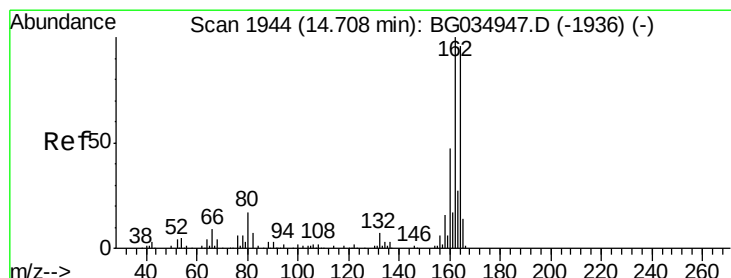
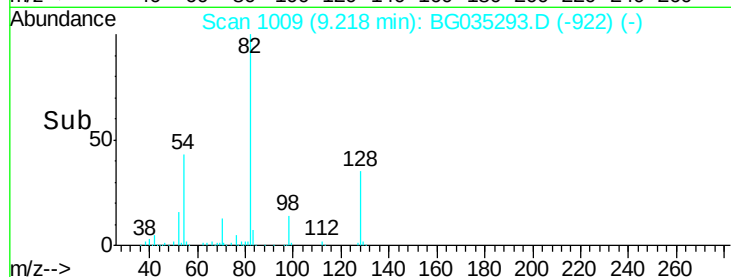
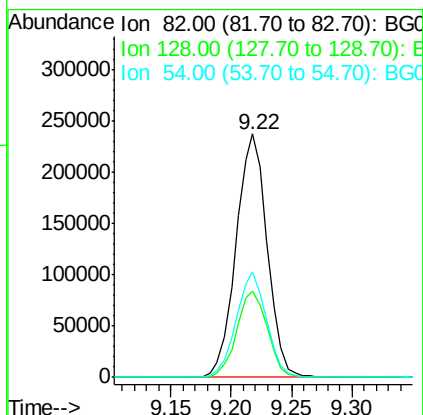
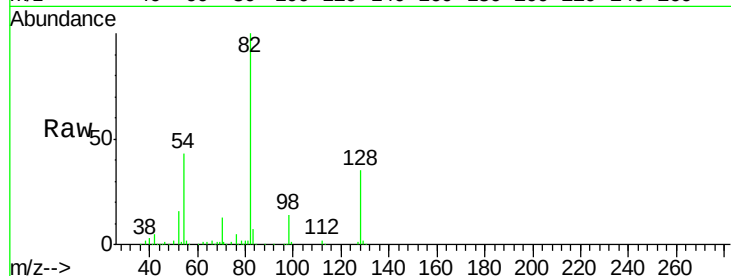




#23
 Nitrobenzene-d5
 Concen: 107.501 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035293.D
 Acq: 21 Jun 2018 9:48

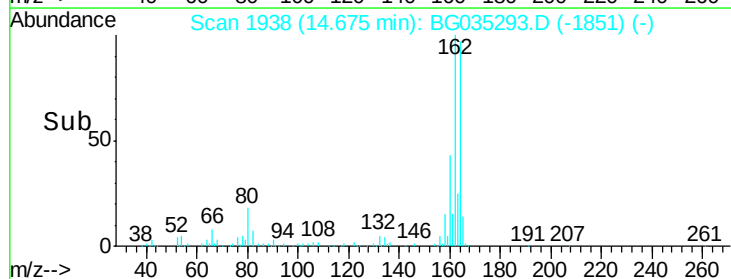
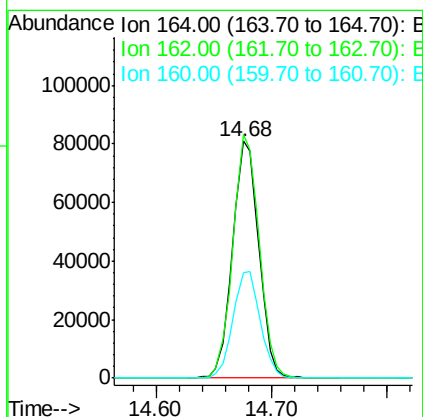
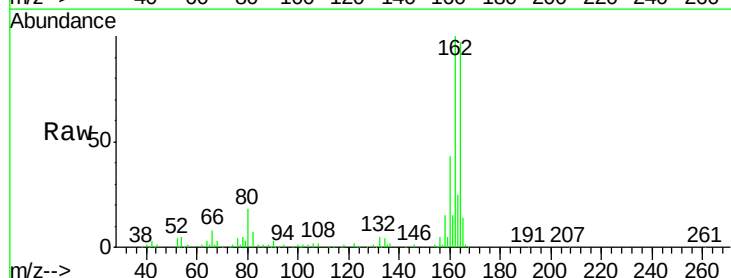
Instrument :
 BNA_G
 ClientSampleId :
 SB-52-COMP

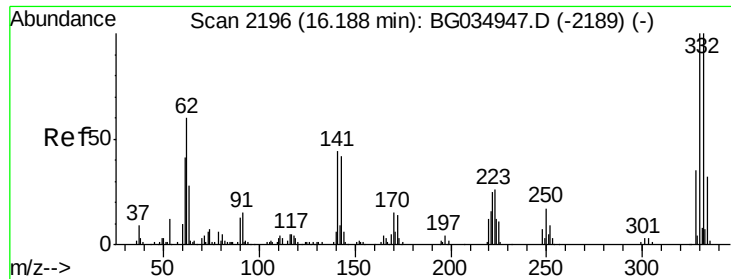
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	43.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035293.D
 Acq: 21 Jun 2018 9:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	44.7	35.4	53.0

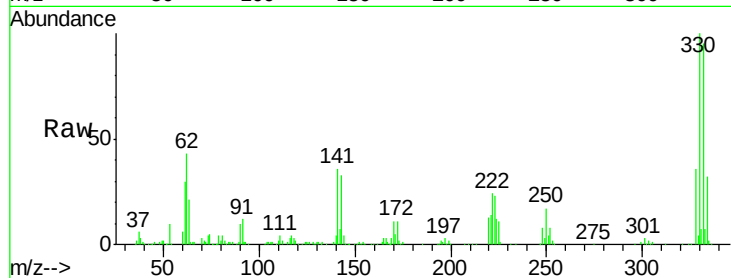




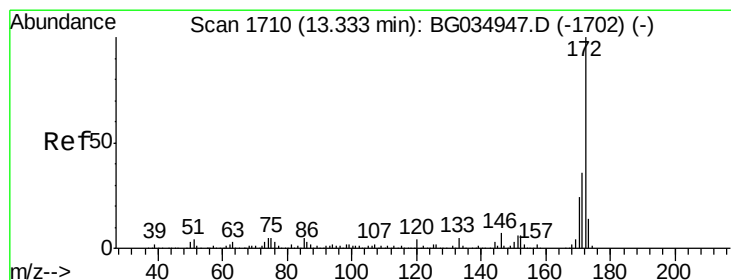
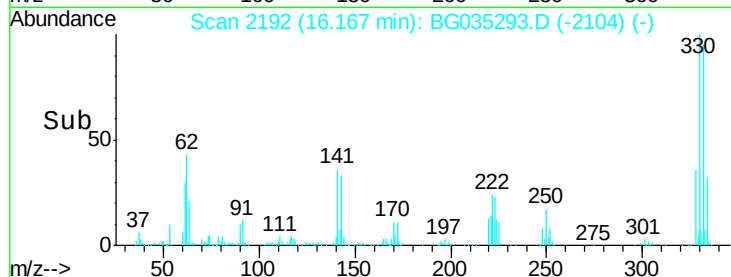
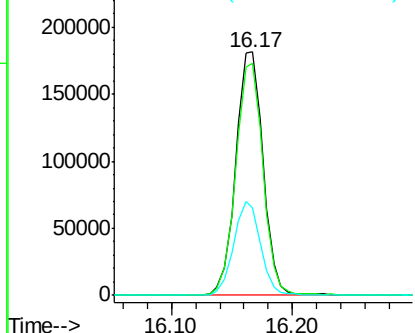
#41
 2,4,6-Tribromophenol
 Concen: 175.694 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035293.D
 Acq: 21 Jun 2018 9:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-52-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	37.8	25.2	37.8

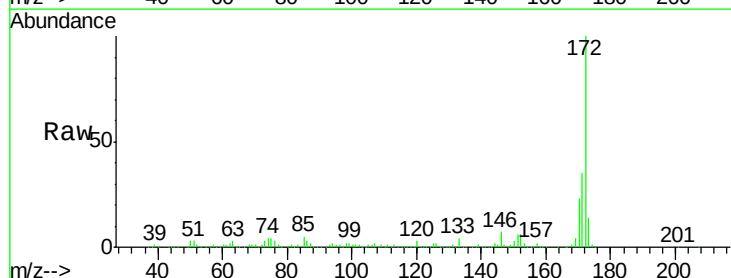


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

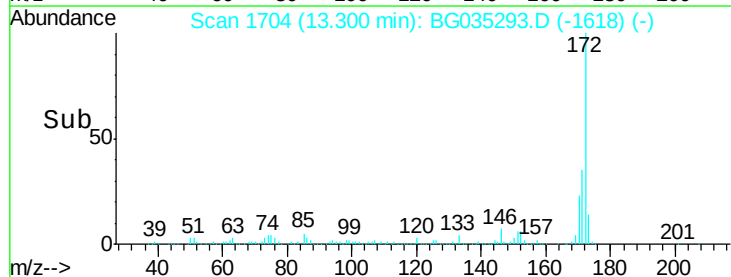
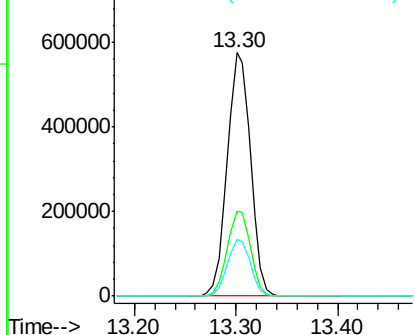


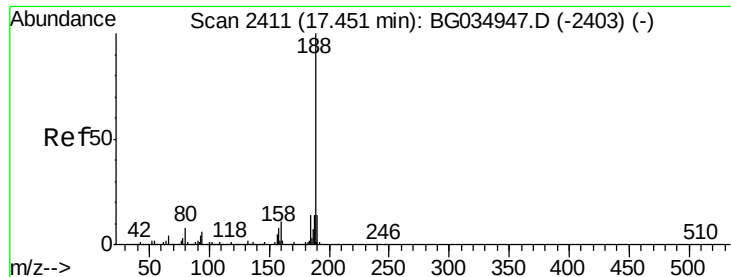
#44
 2-Fluorobiphenyl
 Concen: 93.266 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035293.D
 Acq: 21 Jun 2018 9:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.4	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

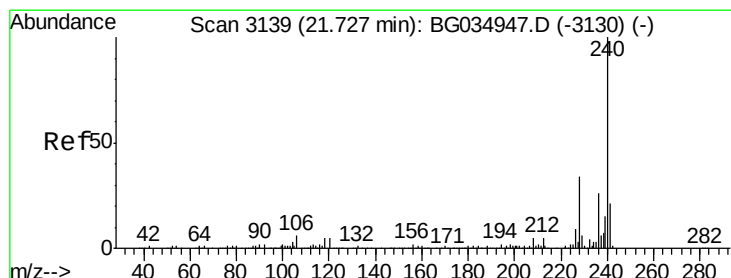
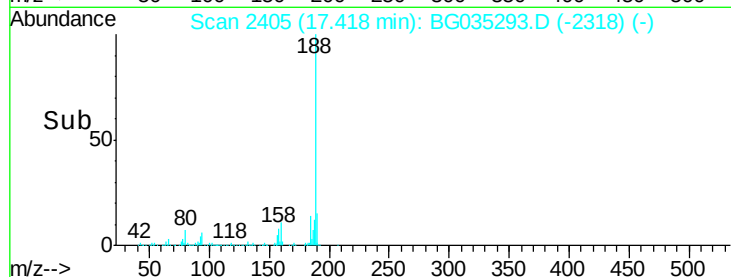
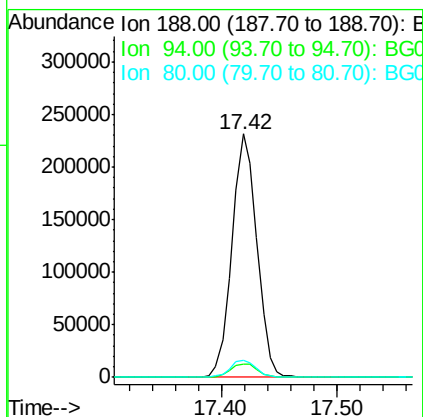
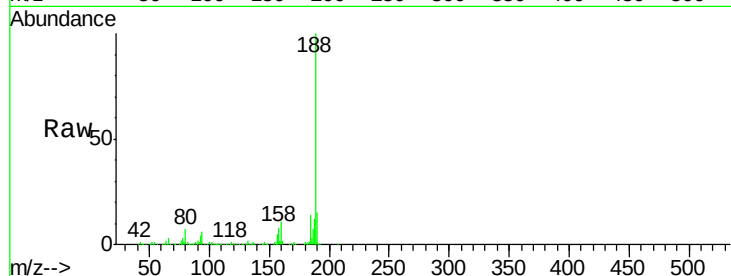




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035293.D
Acq: 21 Jun 2018 9:48

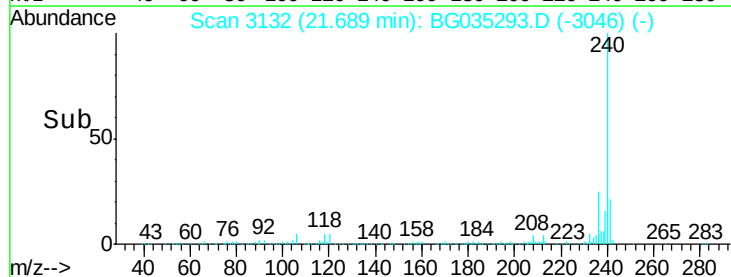
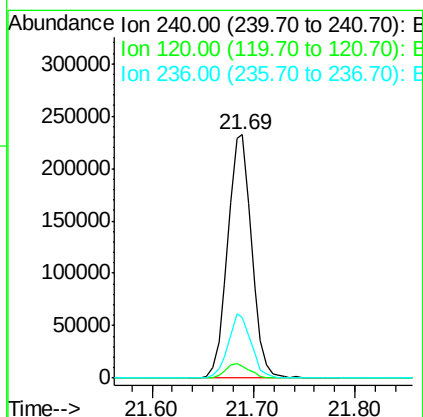
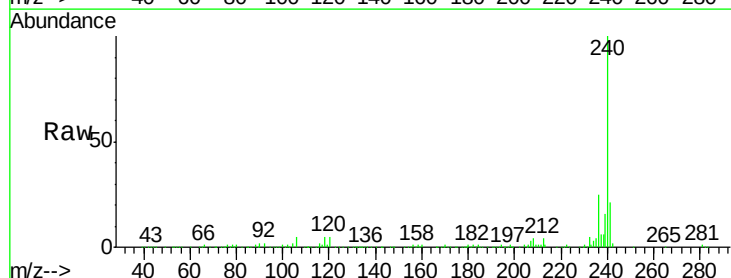
Instrument :
BNA_G
ClientSampleId :
SB-52-COMP

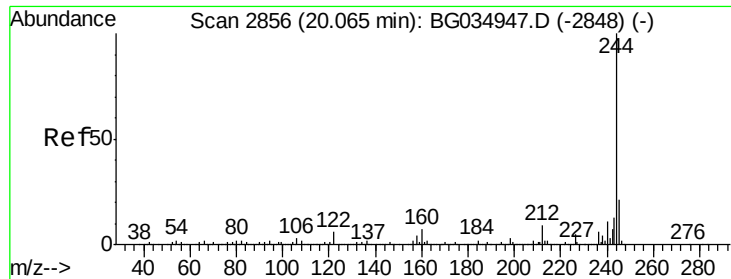
Tgt Ion:188 Resp: 345270
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 7.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035293.D
Acq: 21 Jun 2018 9:48

Tgt Ion:240 Resp: 380618
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 96.181 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035293.D

Acq: 21 Jun 2018 9:48

Instrument :

BNA_G

ClientSampleId :

SB-52-COMP

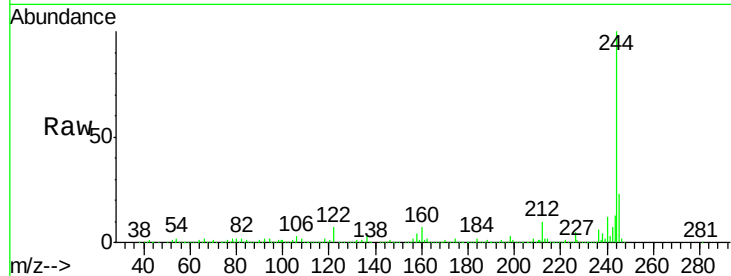
Tgt Ion:244 Resp: 1747689

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

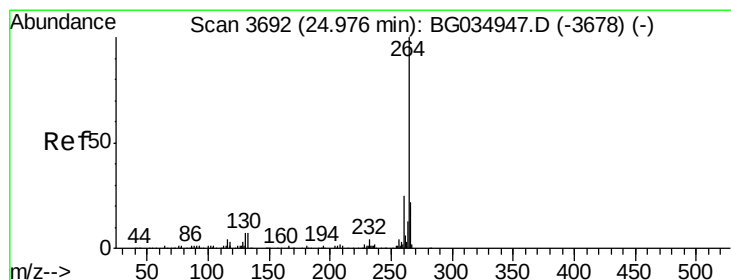
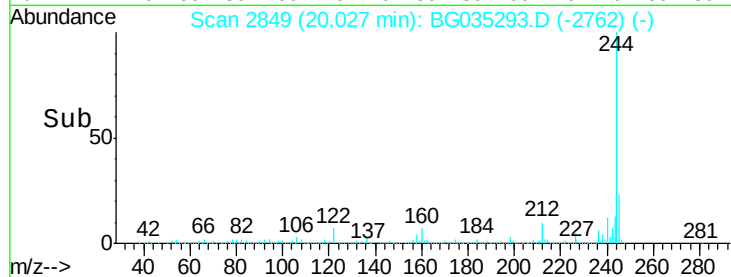
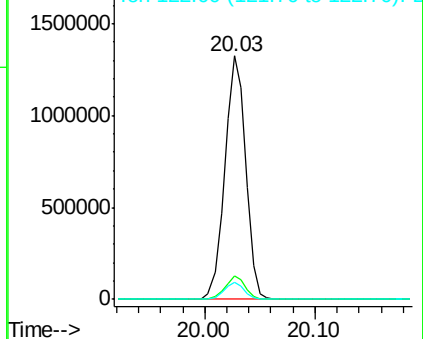
122 7.1 7.0 10.4



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# 3680

Delta R.T. -0.04 min

Lab File: BG035293.D

Acq: 21 Jun 2018 9:48

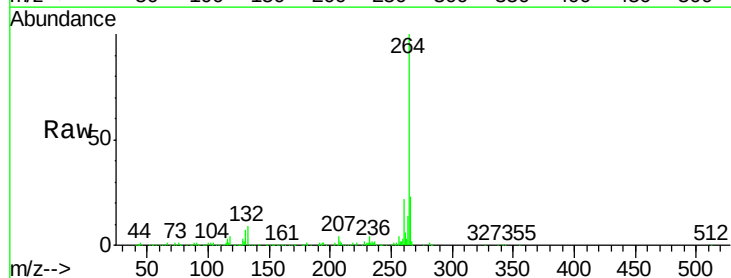
Tgt Ion:264 Resp: 372883

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 22.5 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

