

Data File : BG035288.D
Acq On : 21 Jun 2018 6:35
Operator : SJ/JU
Sample : J3573-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-48-COMP

Quant Time: Jun 21 08:17:23 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	51633	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	182508	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	121632	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	335201	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	379866	20.00	ng	-0.03
86) Perylene-d12	24.91	264	368148	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	358445	117.16	ng	0.00
7) Phenol-d6	7.21	99	429886	95.20	ng	0.00
23) Nitrobenzene-d5	9.22	82	381855	99.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	259226	166.49	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	845053	90.32	ng	-0.03
78) Terphenyl-d14	20.03	244	1604438	88.47	ng	-0.02

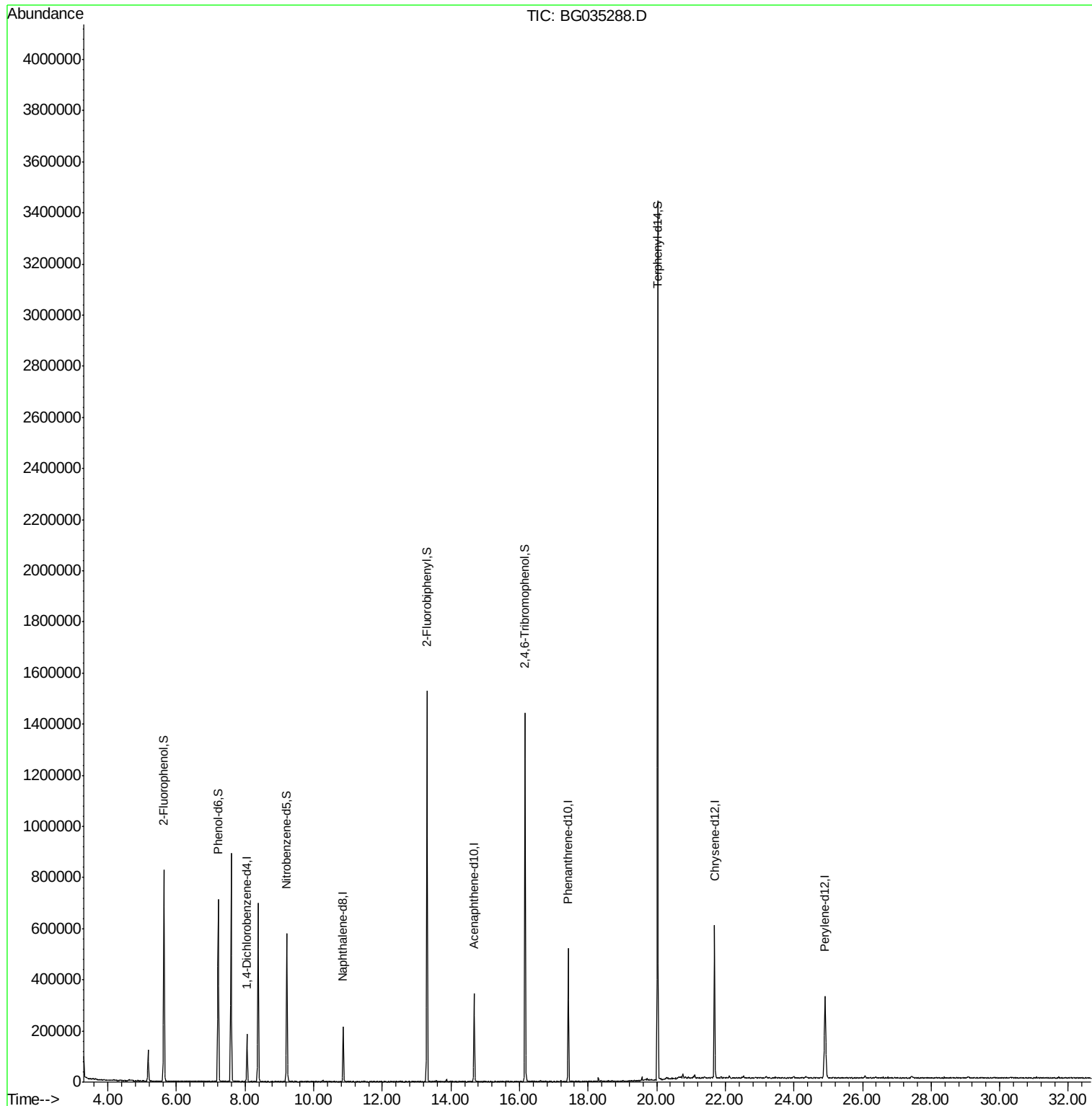
Target Compounds Qvalue

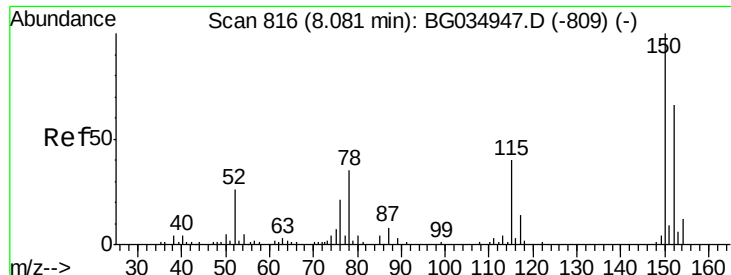
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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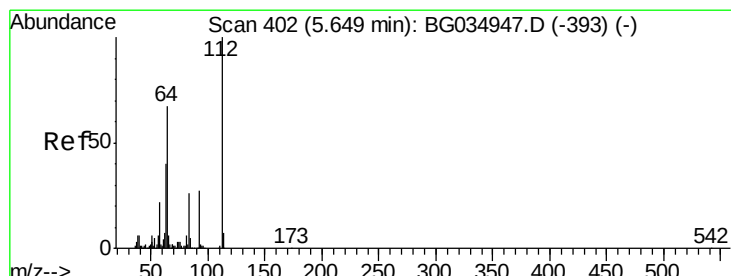
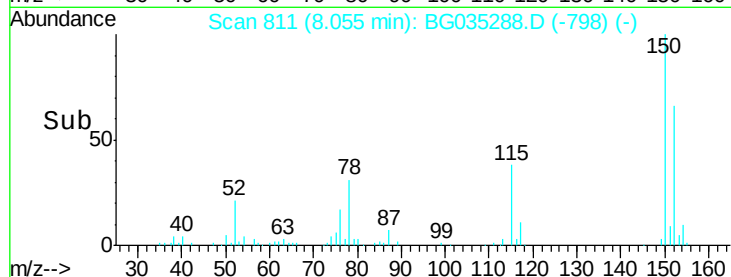
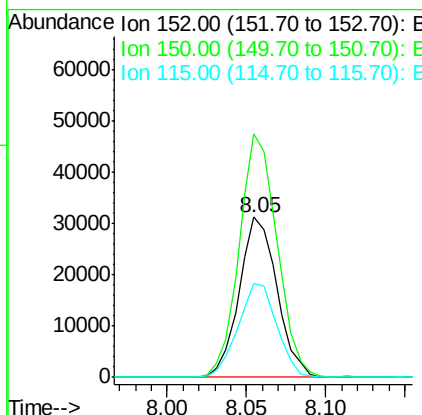
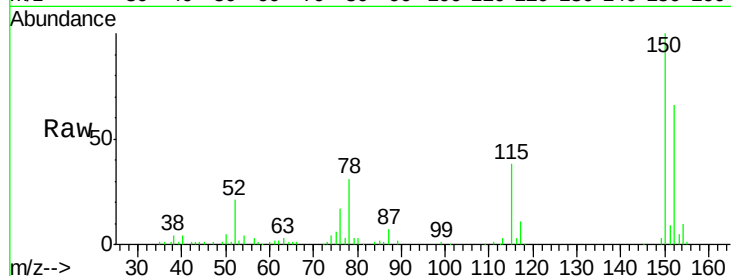


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :
SB-48-COMP

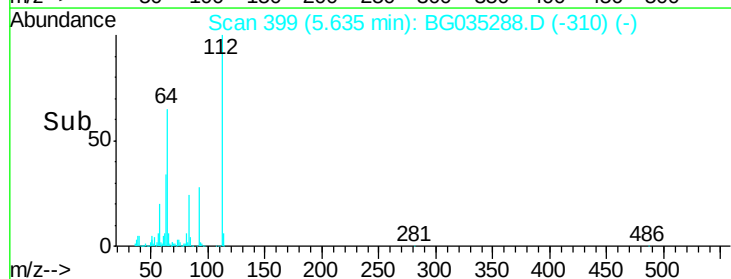
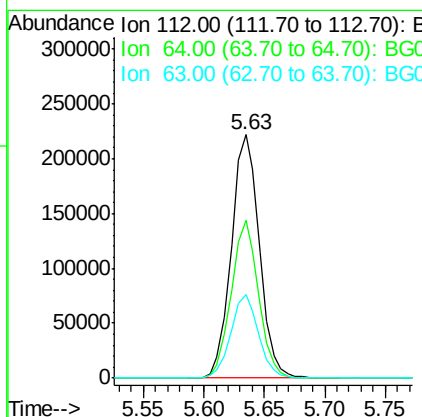
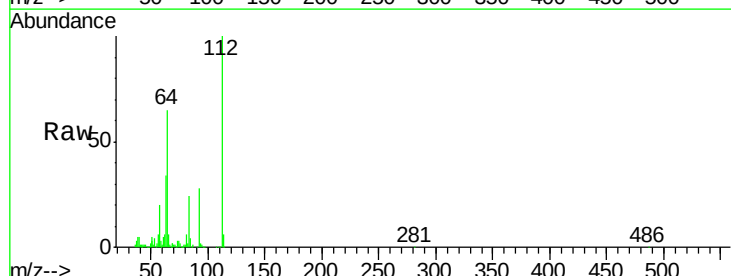
Tgt Ion:152 Resp: 51633
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 58.5 53.0 79.4

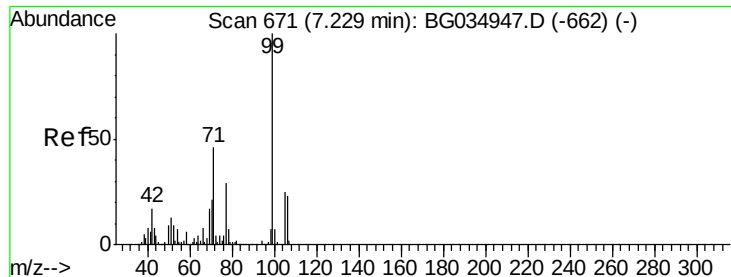


#5

2-Fluorophenol
Concen: 117.157 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Tgt Ion:112 Resp: 358445
Ion Ratio Lower Upper
112 100
64 64.9 56.3 84.5
63 34.5 30.1 45.1





#7

Phenol-d6

Concen: 95.198 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035288.D

Acq: 21 Jun 2018 6:35

Instrument :

BNA_G

ClientSampleId :

SB-48-COMP

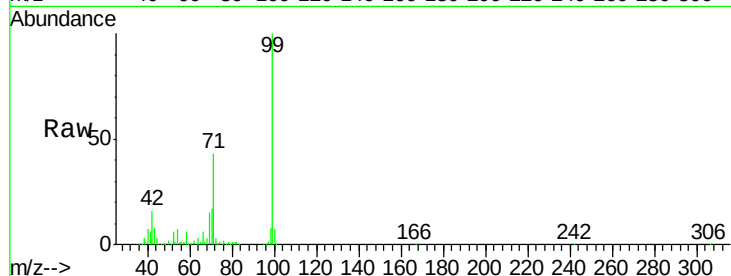
Tgt Ion: 99 Resp: 429886

Ion Ratio Lower Upper

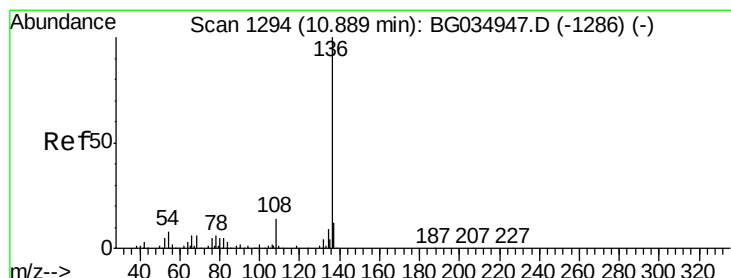
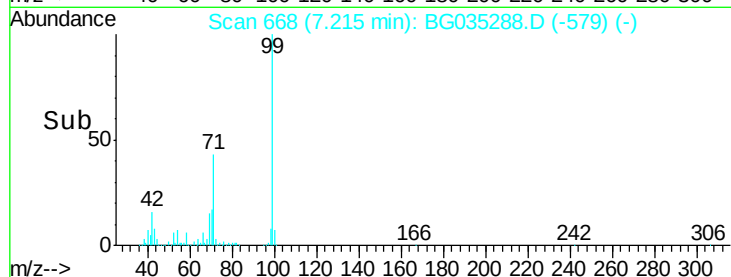
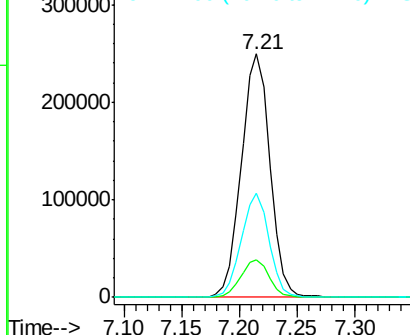
99 100

42 15.6 14.1 21.1

71 42.6 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# 1288

Delta R.T. -0.03 min

Lab File: BG035288.D

Acq: 21 Jun 2018 6:35

Tgt Ion: 136 Resp: 182508

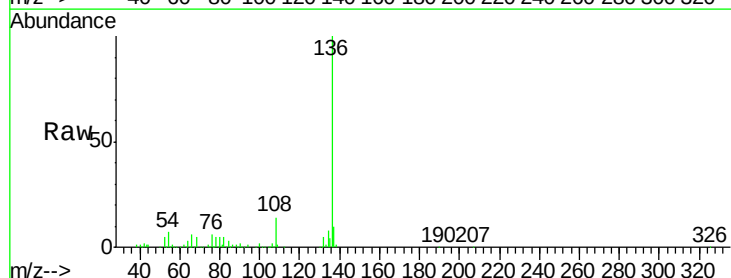
Ion Ratio Lower Upper

136 100

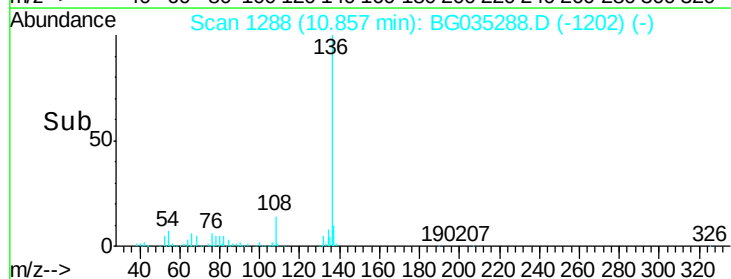
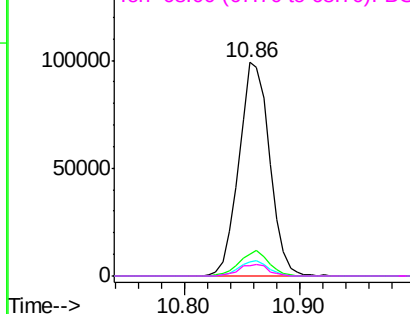
137 9.9 9.2 13.8

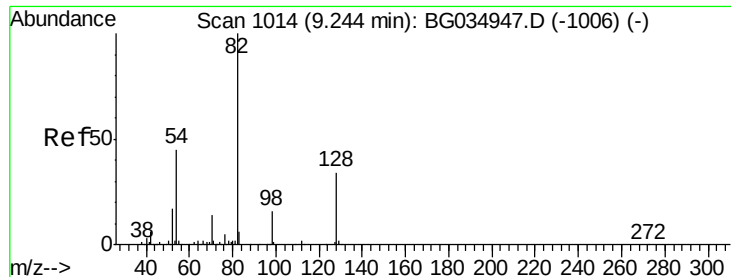
54 6.7 10.3 15.5#

68 5.1 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

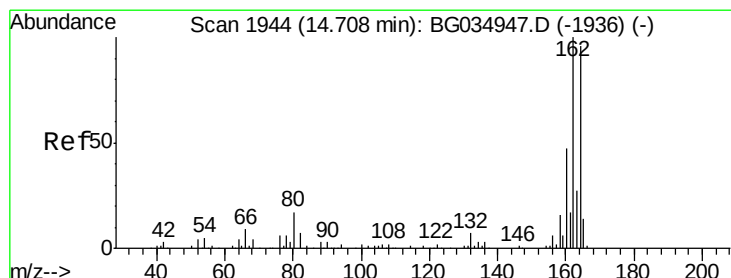
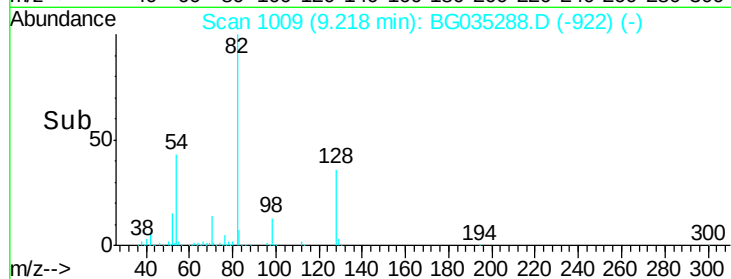
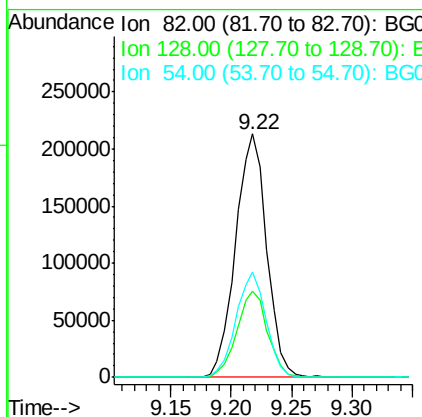
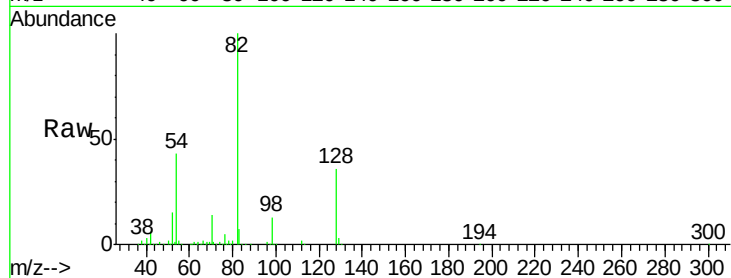




#23
 Nitrobenzene-d5
 Concen: 99.454 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035288.D
 Acq: 21 Jun 2018 6:35

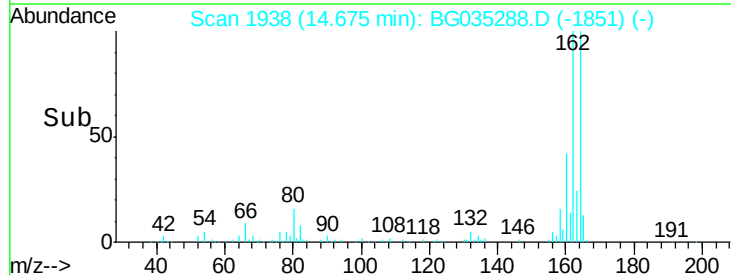
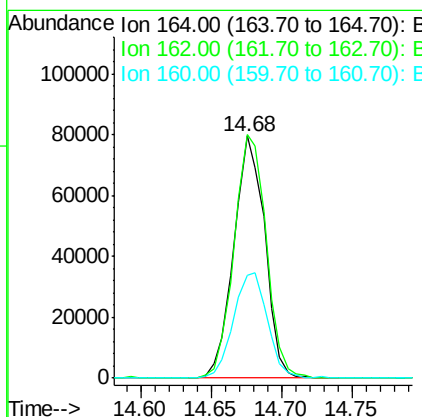
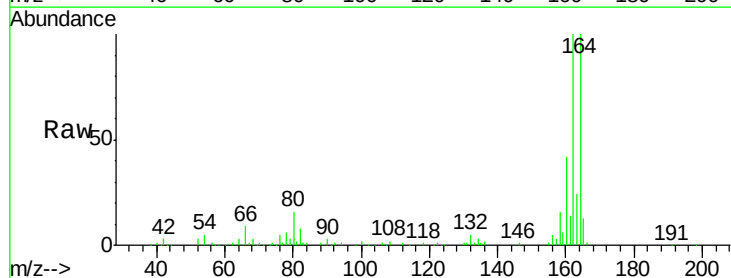
Instrument :
 BNA_G
 ClientSampleId :
 SB-48-COMP

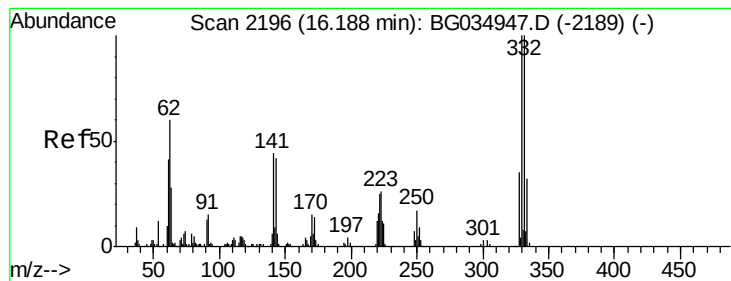
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	43.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035288.D
 Acq: 21 Jun 2018 6:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	42.5	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 166.486 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035288.D

Acq: 21 Jun 2018 6:35

Instrument :

BNA_G

ClientSampleId :

SB-48-COMP

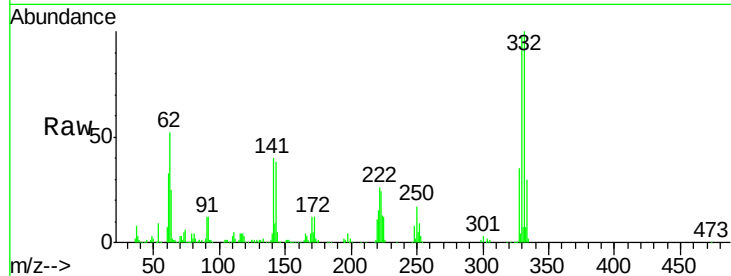
Tgt Ion:330 Resp: 259226

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

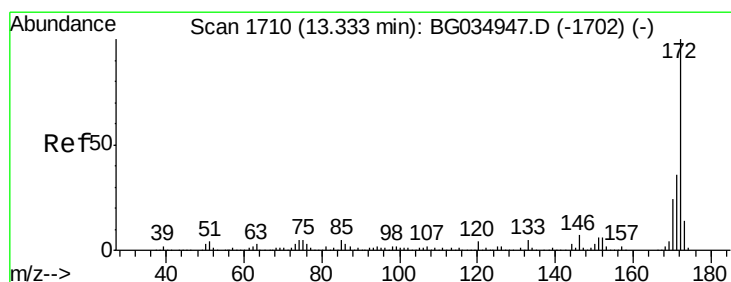
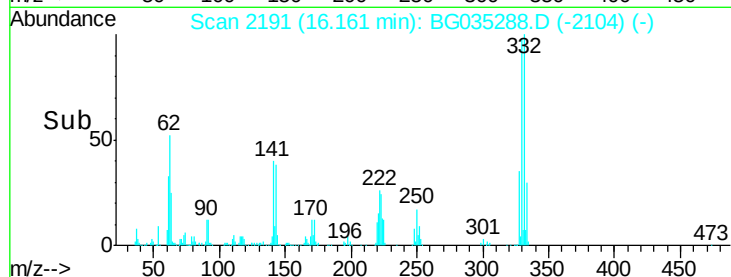
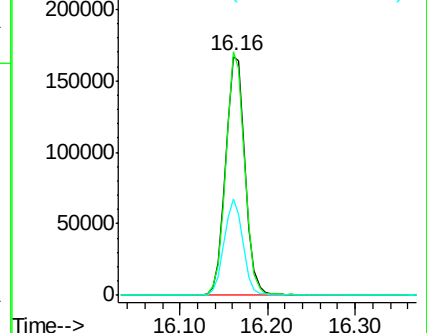
141 38.8 25.2 37.8#



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: 90.319 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035288.D

Acq: 21 Jun 2018 6:35

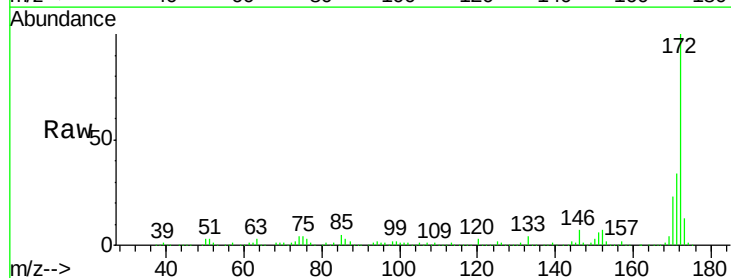
Tgt Ion:172 Resp: 845053

Ion Ratio Lower Upper

172 100

171 33.9 30.0 45.0

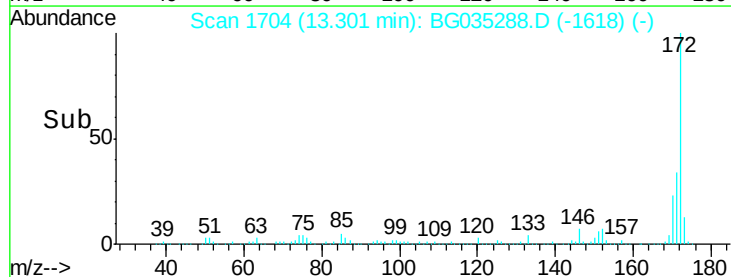
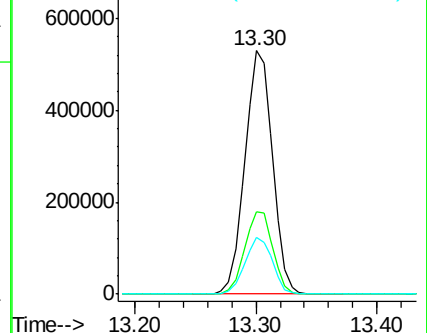
170 23.3 19.5 29.3

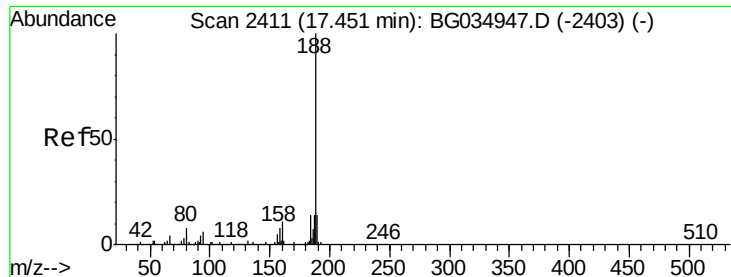


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

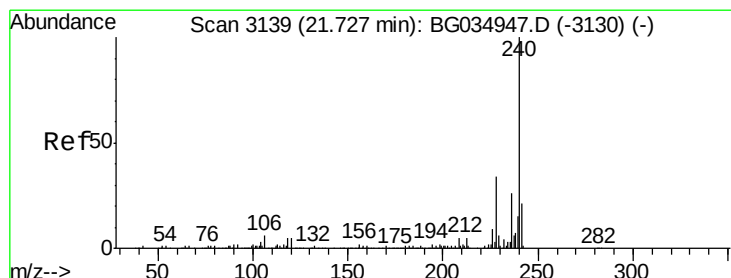
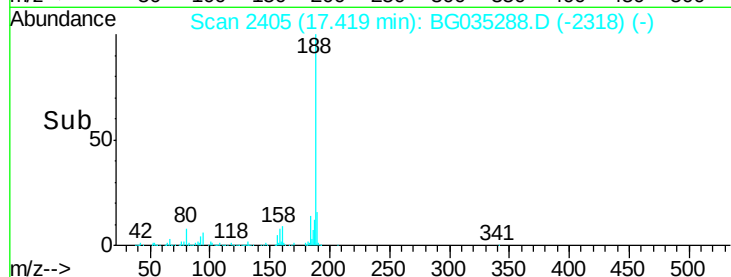
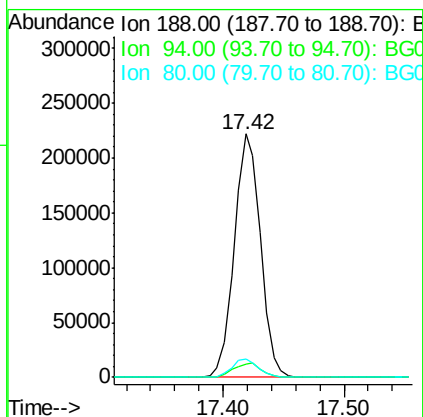
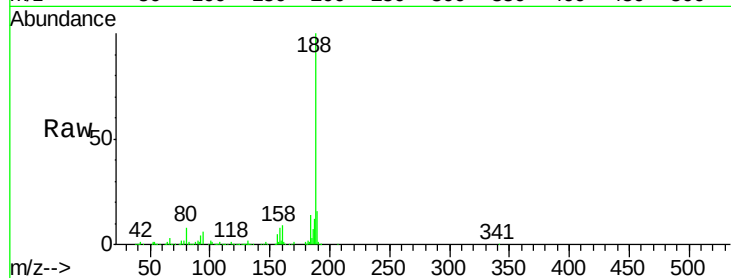




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

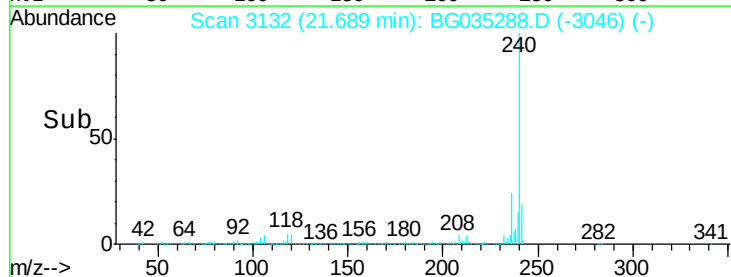
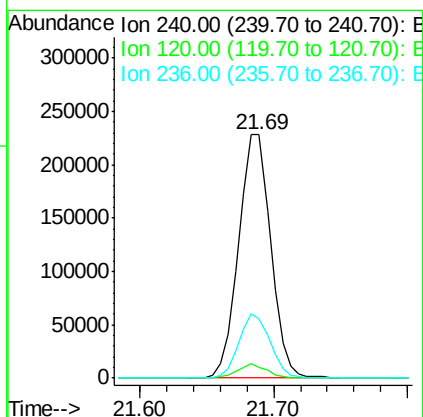
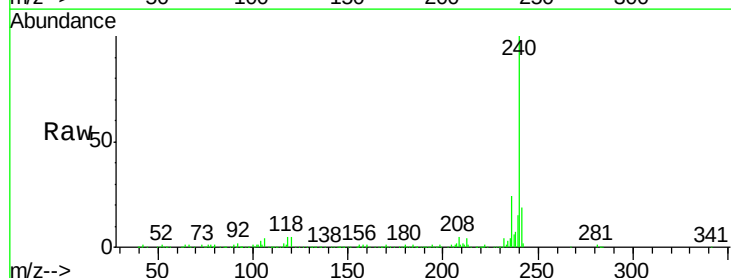
Instrument :
BNA_G
ClientSampleId :
SB-48-COMP

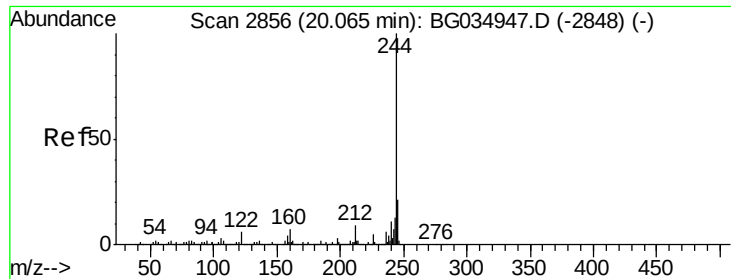
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.5	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	24.3	20.9	31.3





#78

Terphenyl-d14

Concen: 88.473 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035288.D

Acq: 21 Jun 2018 6:35

Instrument :

BNA_G

ClientSampleId :

SB-48-COMP

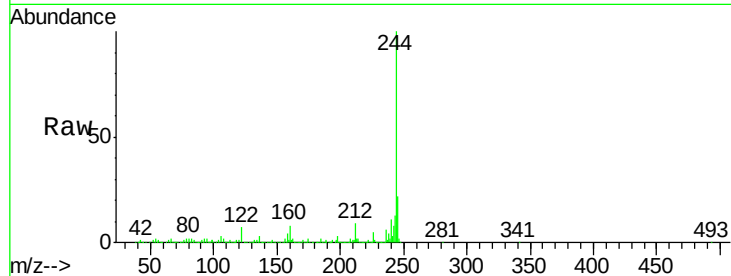
Tgt Ion:244 Resp: 1604438

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

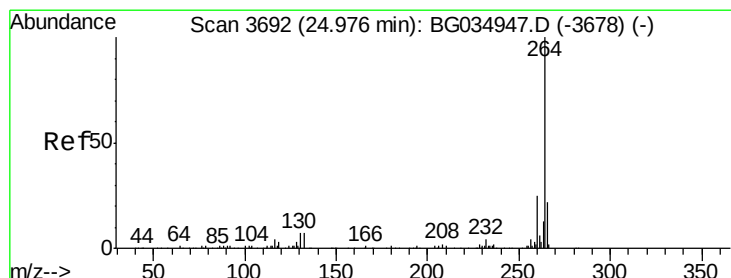
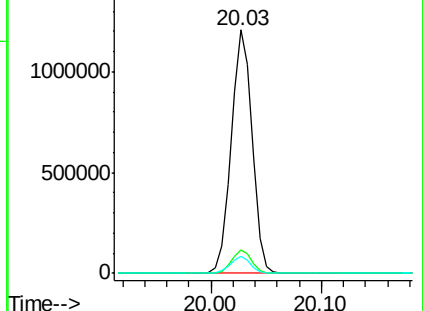
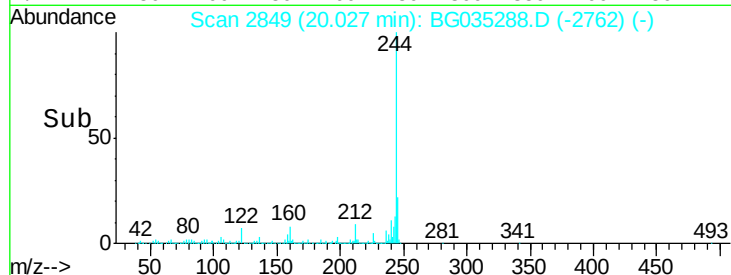
122 6.8 7.0 10.4#



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: BG035288.D

Acq: 21 Jun 2018 6:35

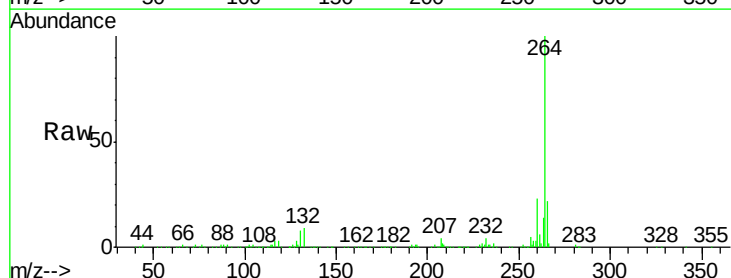
Tgt Ion:264 Resp: 368148

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.9 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

