

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035368.D
 Acq On : 23 Jun 2018 14:49
 Operator : JU/SJ
 Sample : J3623-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061918-DBRI-F-U-M

Quant Time: Jun 25 07:16:36 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

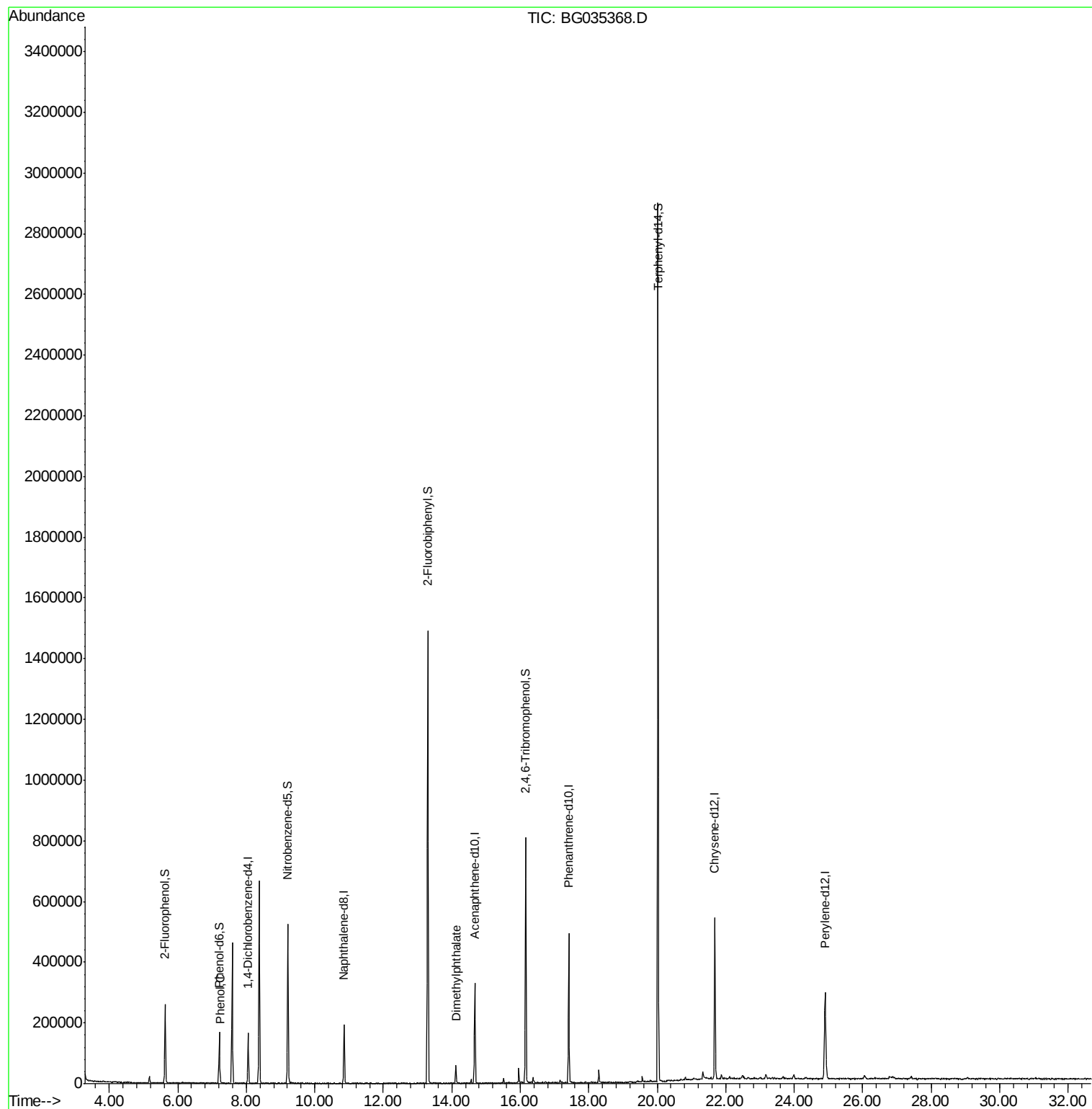
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46968	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	167439	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	111522	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	300790	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	344494	20.00	ng	-0.04
86) Perylene-d12	24.91	264	325774	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	117771	42.32	ng	-0.01
7) Phenol-d6	7.21	99	105247	25.62	ng	-0.01
23) Nitrobenzene-d5	9.22	82	352509	100.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	147379	103.23	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	804709	93.80	ng	-0.03
78) Terphenyl-d14	20.02	244	1356994	82.51	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	8648	2.034	ng	85
49) Dimethylphthalate	14.12	163	39421	4.054	ng	97

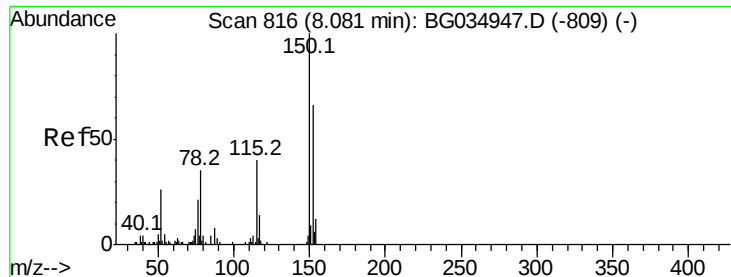
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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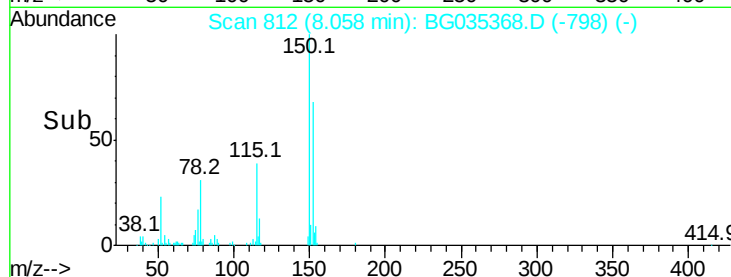
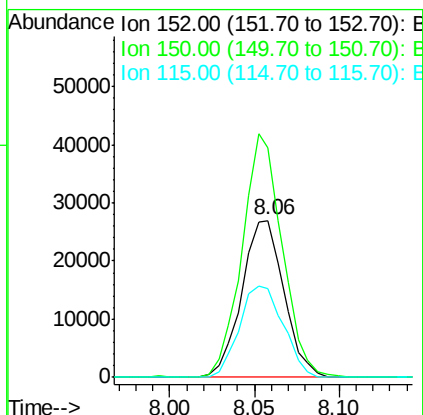
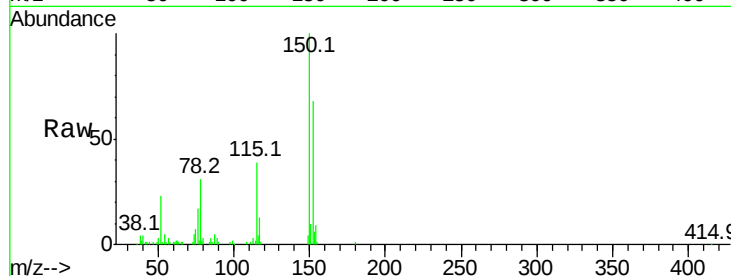


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-M

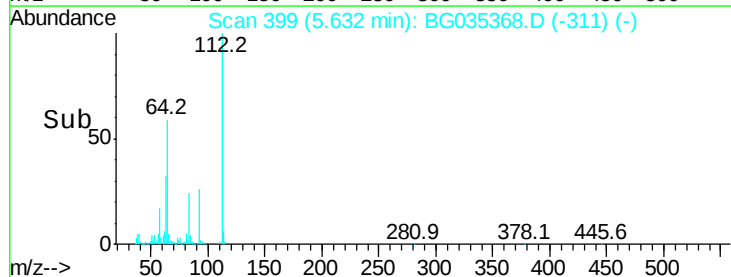
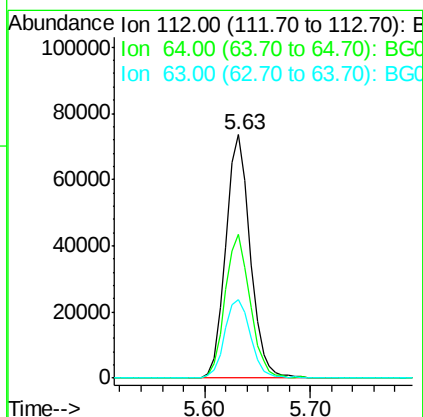
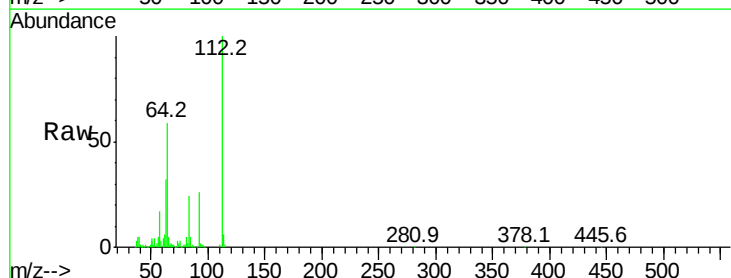
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	126.6	189.8
115	56.4	53.0	79.4

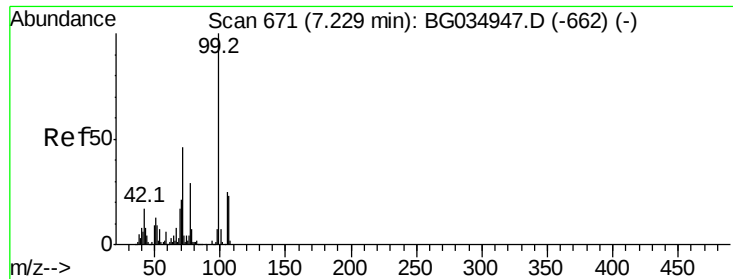


#5

2-Fluorophenol
Concen: 42.316 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	56.3	84.5
63	32.1	30.1	45.1





#7

Phenol-d6

Concen: 25.622 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-M

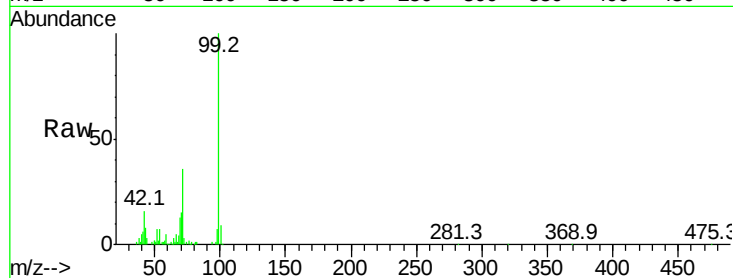
Tot Ion: 99 Resp: 105247

Ion Ratio Lower Upper

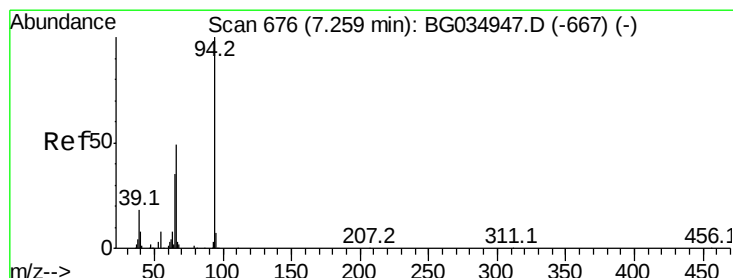
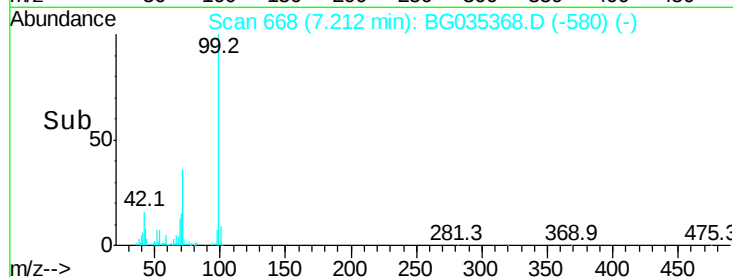
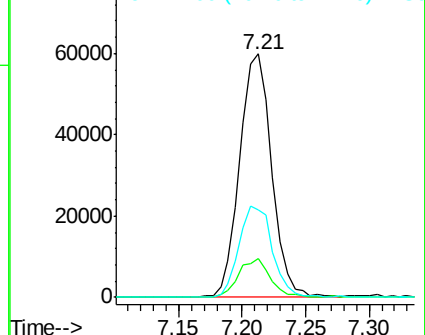
99 100

42 15.8 14.1 21.1

71 36.1 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



#10

Phenol

Concen: 2.034 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

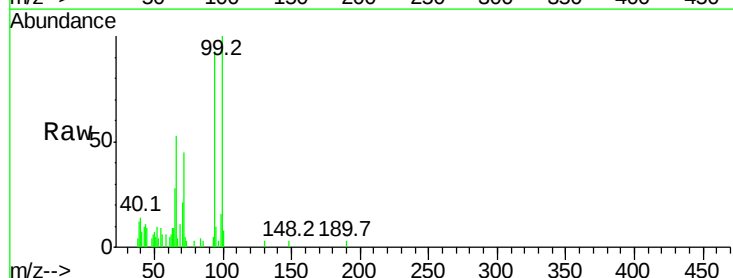
Tgt Ion: 94 Resp: 8648

Ion Ratio Lower Upper

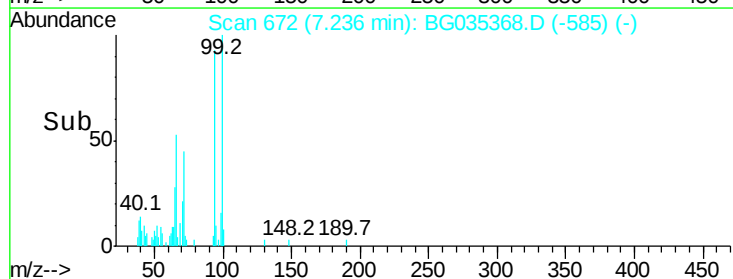
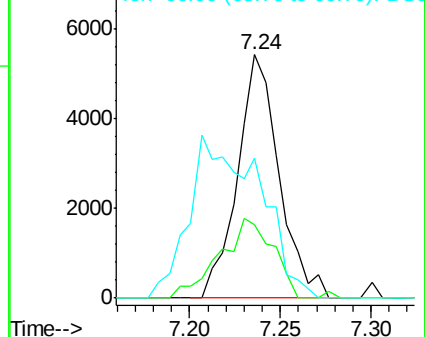
94 100

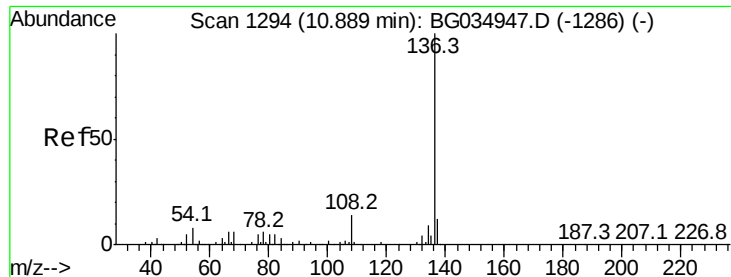
65 30.2 11.9 51.9

66 57.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

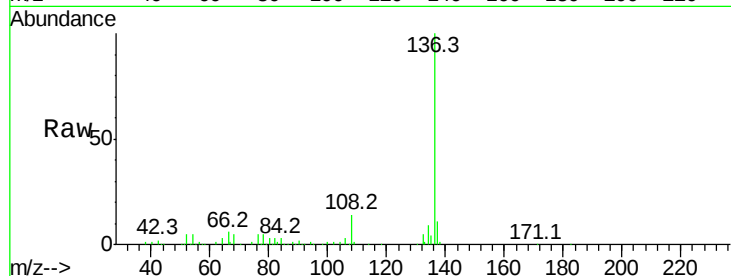




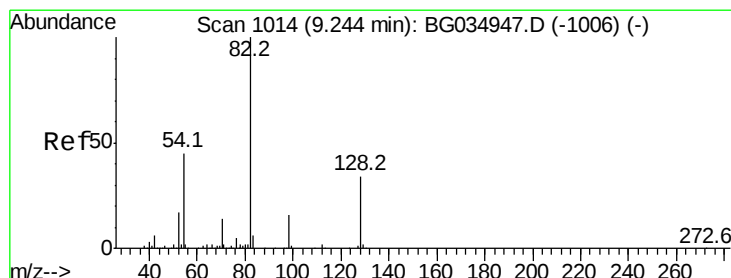
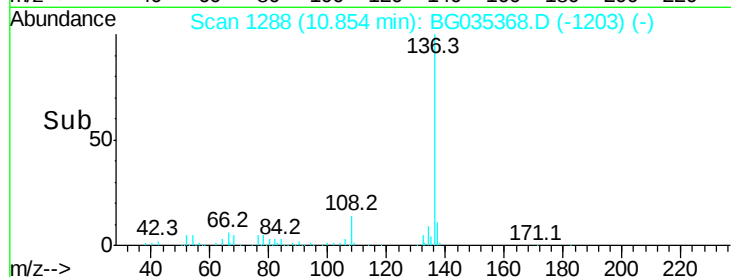
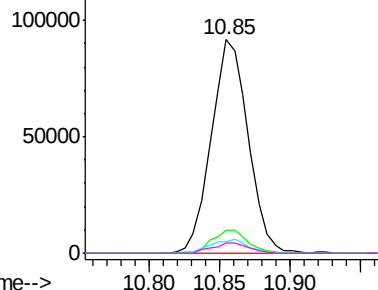
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-M

Tot Ion:136	Resp:	167439
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	5.1	10.3 15.5#
68	5.0	4.5 6.7

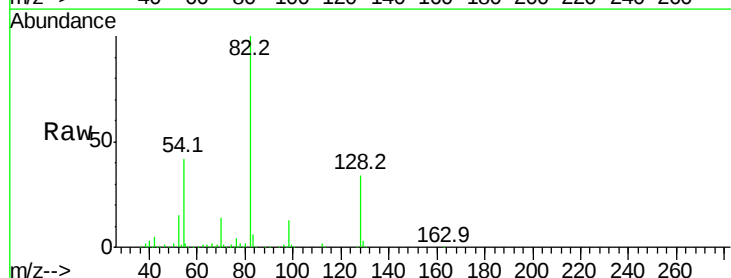


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

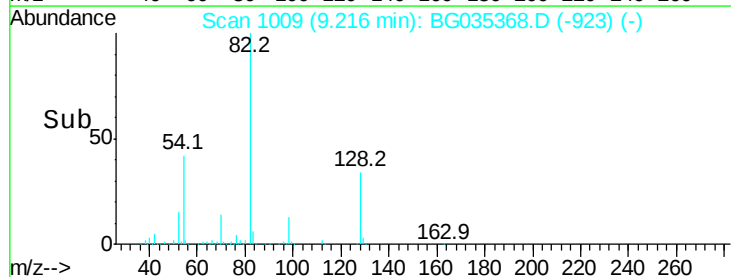
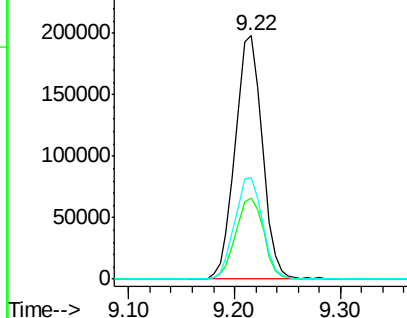


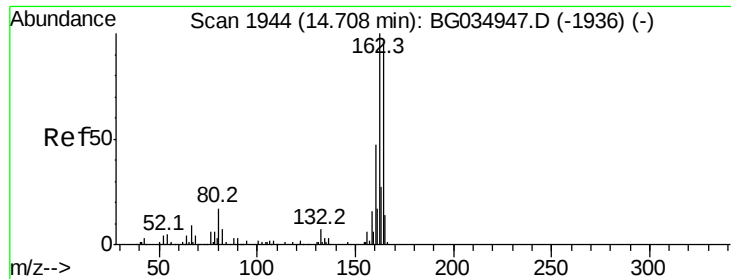
#23
Nitrobenzene-d5
Concen: 100.074 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

Tgt Ion: 82	Resp:	352509
Ion Ratio	Lower	Upper
82	100	
128	33.5	29.7 44.5
54	41.5	43.1 64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-M

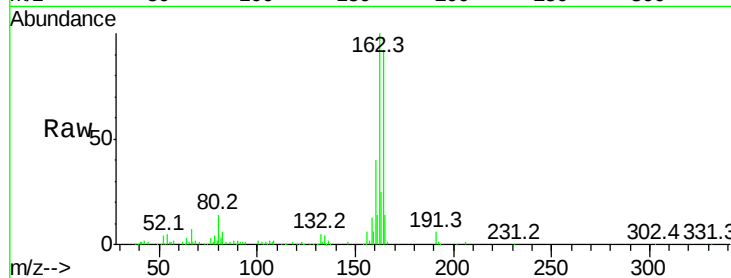
Tot Ion:164 Resp: 111522

Ion Ratio Lower Upper

164 100

162 108.3 78.8 118.2

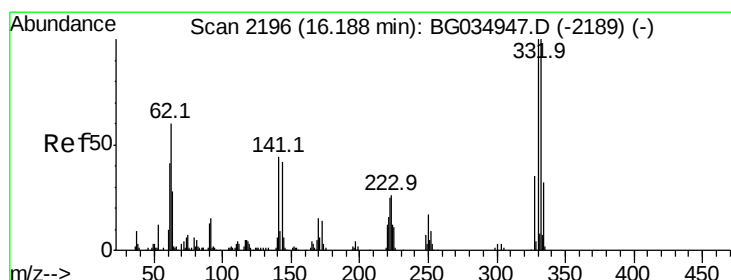
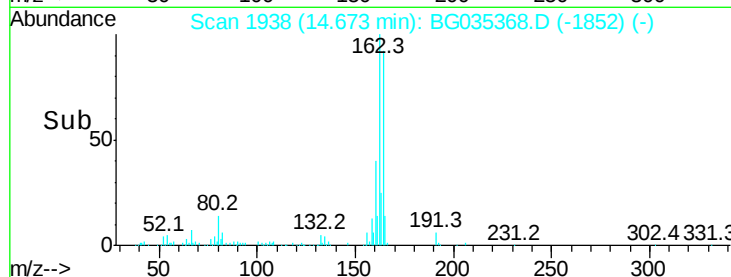
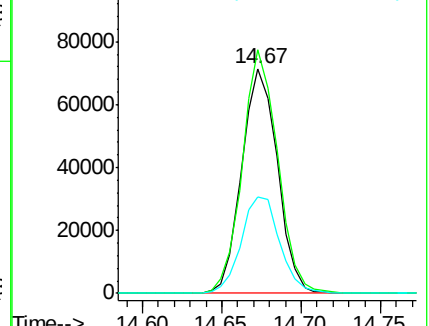
160 42.8 35.4 53.0



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: 103.234 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

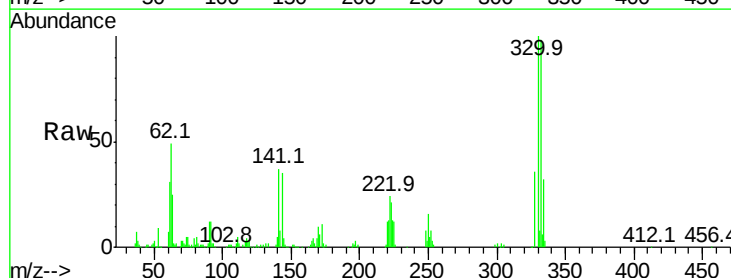
Tgt Ion:330 Resp: 147379

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

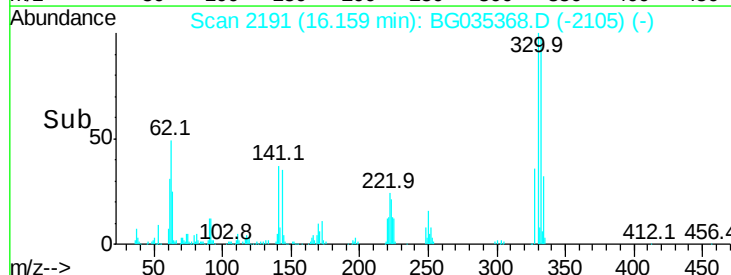
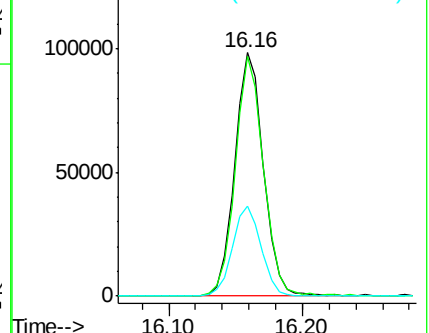
141 37.3 25.2 37.8

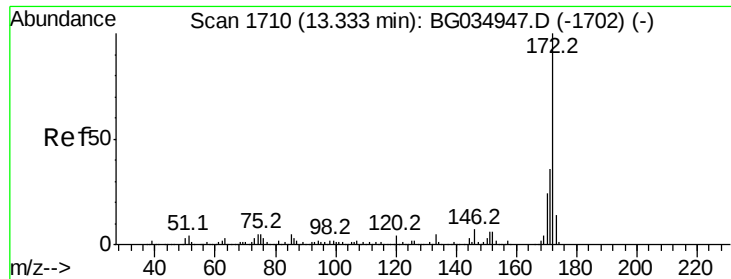


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

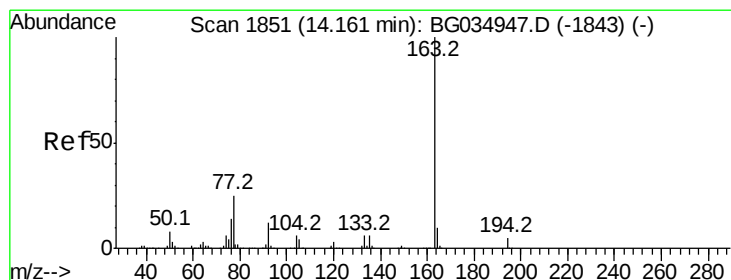
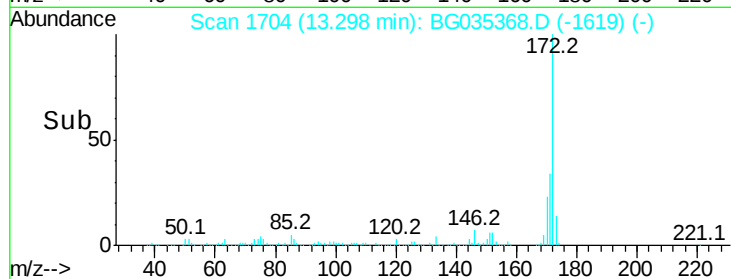
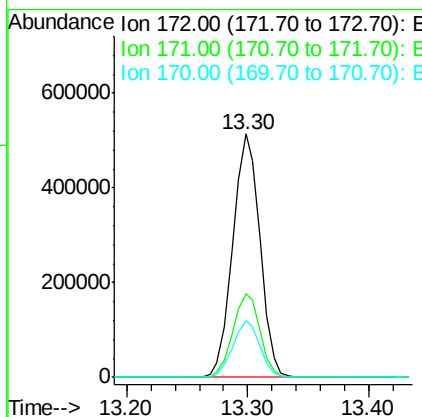
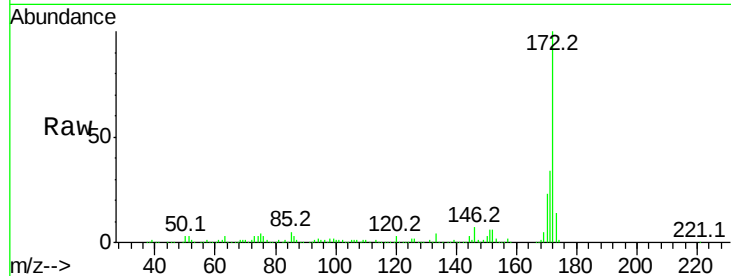




#44
2-Fluorobiphenyl
Concen: 93.804 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

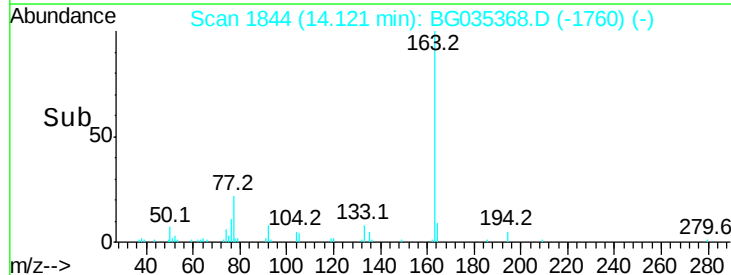
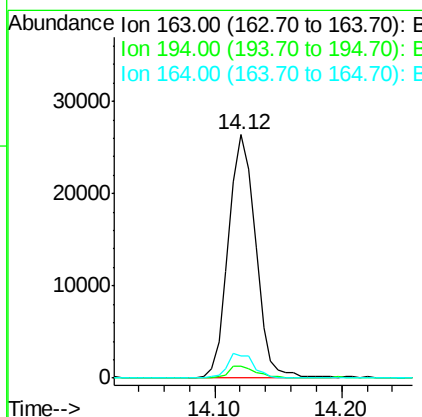
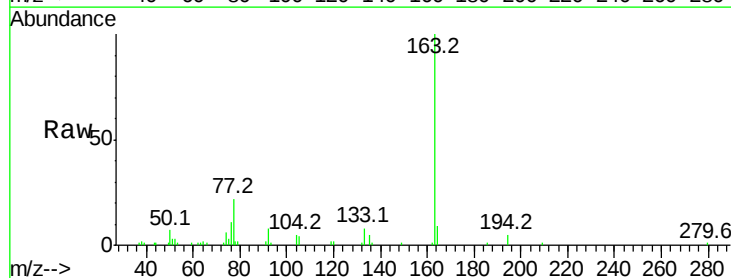
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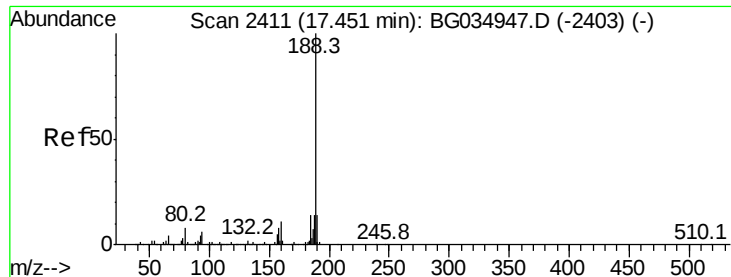
Tot Ion:172 Resp: 804709
Ion Ratio Lower Upper
172 100
171 34.2 30.0 45.0
170 23.1 19.5 29.3



#49
Dimethylphthalate
Concen: 4.054 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

Tgt Ion:163 Resp: 39421
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 9.2 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-M

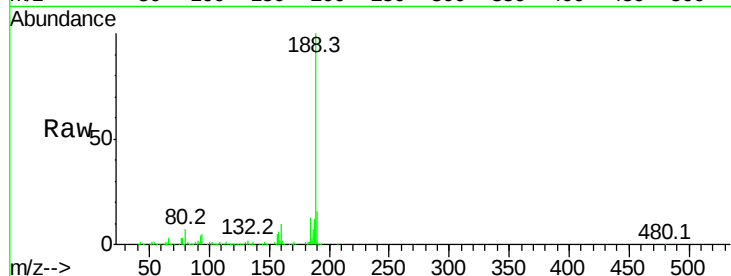
Tot Ion:188 Resp: 300790

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

80 7.2 7.7 11.5#

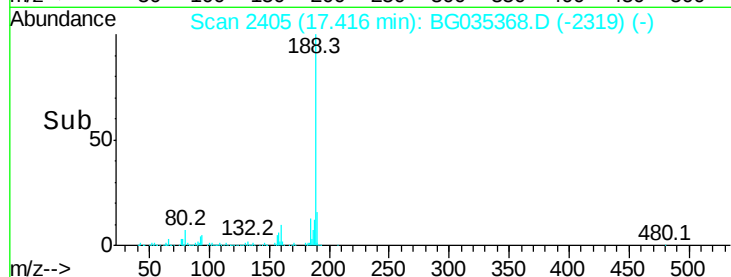


Abundance Ion 188.00 (187.70 to 188.70): E

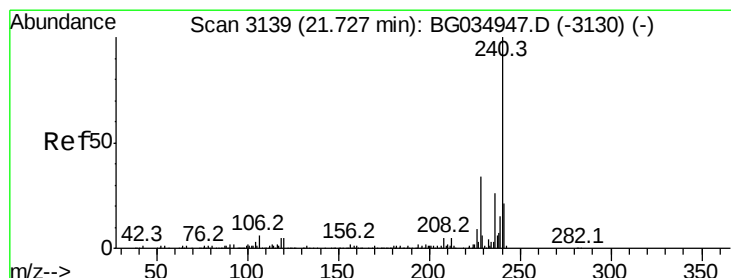
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.42



Time--> 17.30 17.40 17.50



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

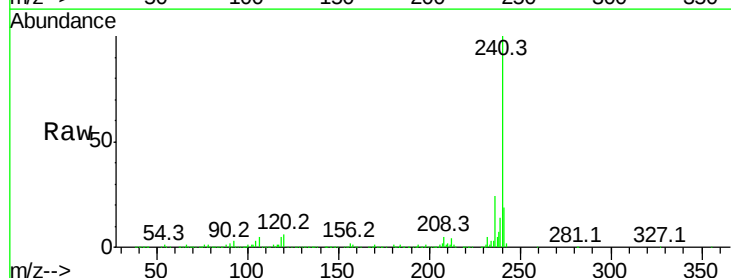
Tgt Ion:240 Resp: 344494

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

236 24.3 20.9 31.3

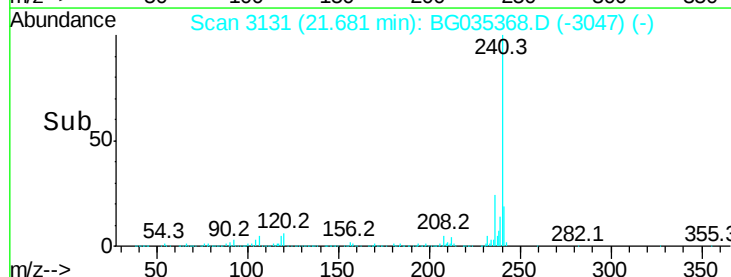


Abundance Ion 240.00 (239.70 to 240.70): E

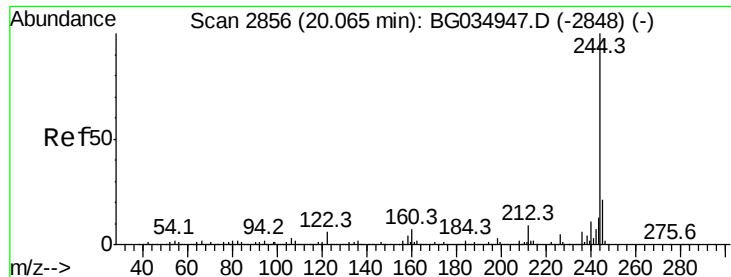
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.68



Time--> 21.60 21.70



#78

Terphenyl-d14

Concen: 82.511 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

Instrument :

BNA_G

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061918-DBRI-F-U-M

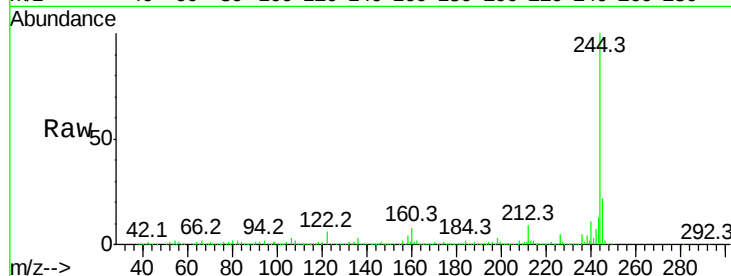
Tot Ion:244 Resp: 1356994

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

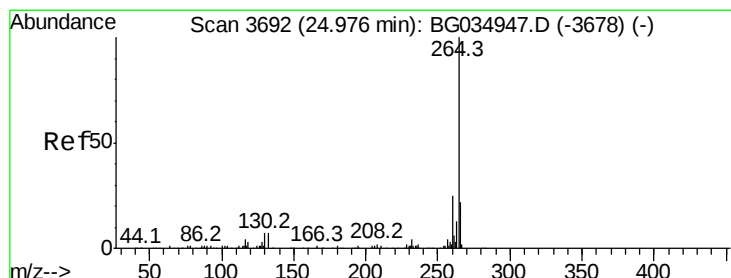
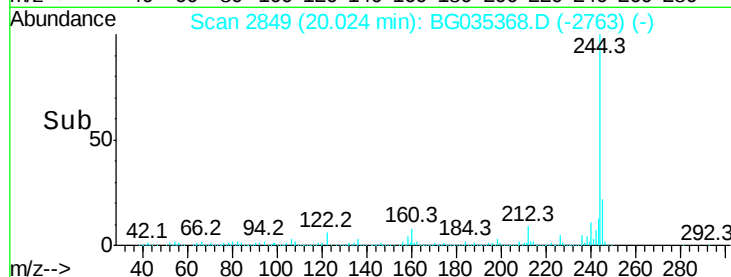
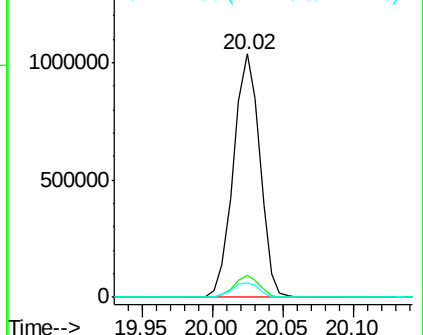
122 6.2 7.0 10.4#



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. -0.05 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

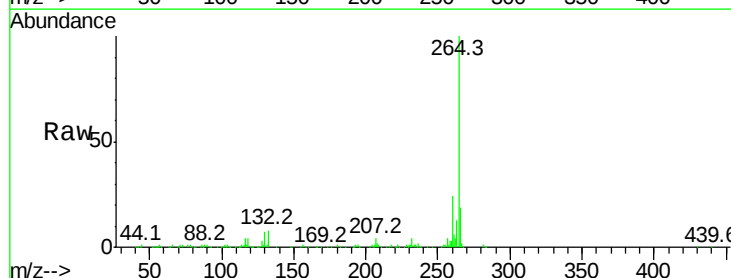
Tgt Ion:264 Resp: 325774

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 19.3 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

