

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
 Data File : BG035638.D
 Acq On : 13 Jul 2018 20:43
 Operator : JU/SJ
 Sample : J3941-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SES-MS-PH4-COA-7-18

Quant Time: Jul 14 00:13:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

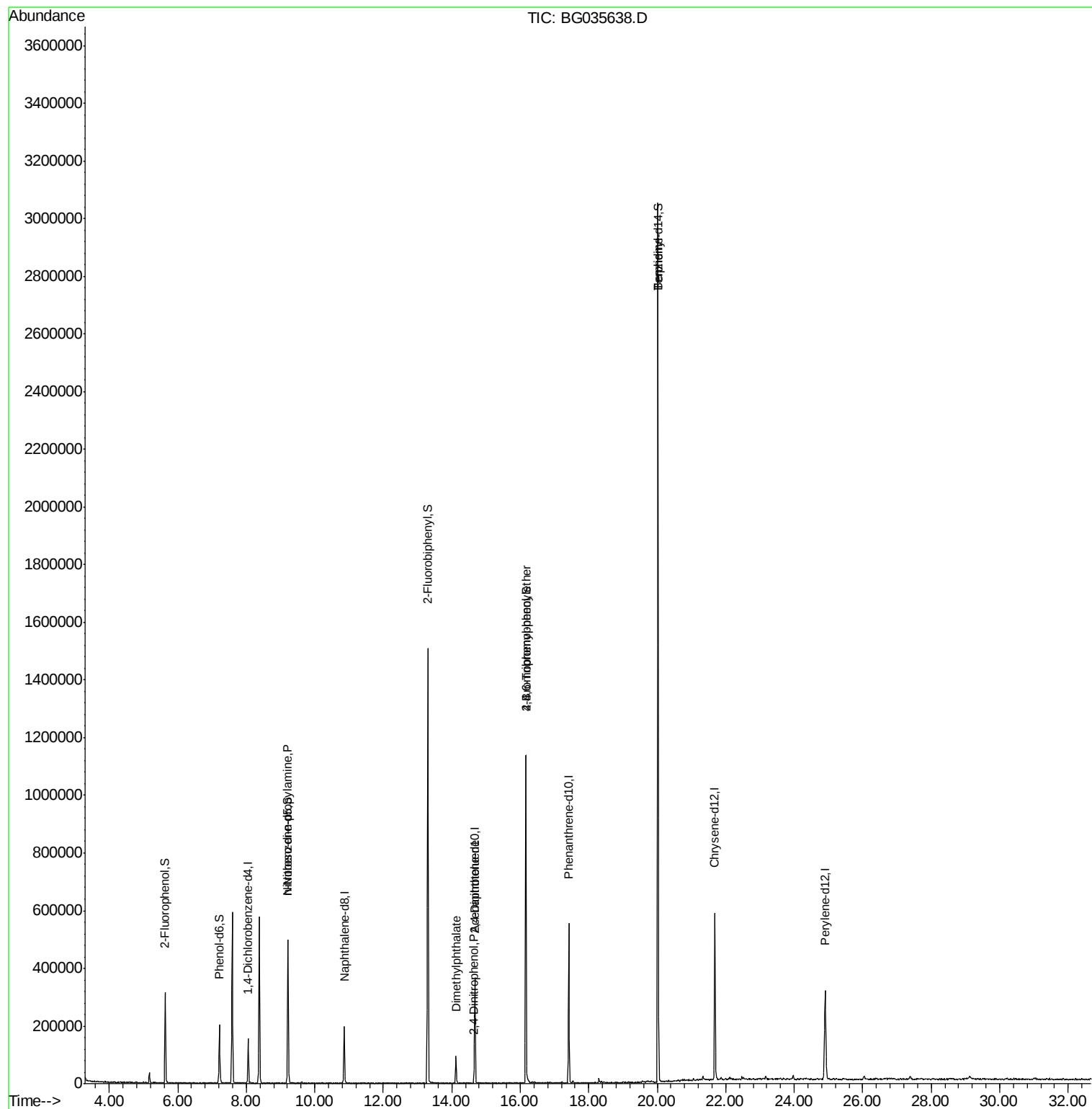
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41307	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	165607	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	128430	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	347864	20.00	ng	0.00
75) Chrysene-d12	21.68	240	363864	20.00	ng	0.00
86) Perylene-d12	24.91	264	337582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	132034	53.07	ng	0.00
7) Phenol-d6	7.22	99	119985	32.32	ng	0.00
23) Nitrobenzene-d5	9.22	82	335869	84.72	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	211766	125.10	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	794462	82.88	ng	0.00
78) Terphenyl-d14	20.02	244	1422947	86.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	45020	14.402	ng	Qvalue # 65
49) Dimethylphthalate	14.12	163	63774	5.668	ng	97
53) 2,4-Dinitrophenol	14.64	184	62	6.630	ng	# 1
56) 2,4-Dinitrotoluene	14.67	165	17556	5.341	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	17246	4.273	ng	# 1
76) Benzidine	20.02	184	24526	2.564	ng	# 95

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

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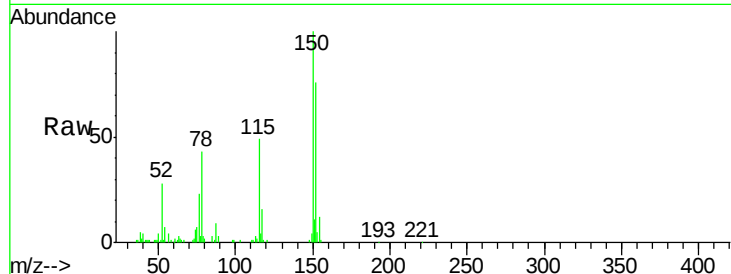


#1

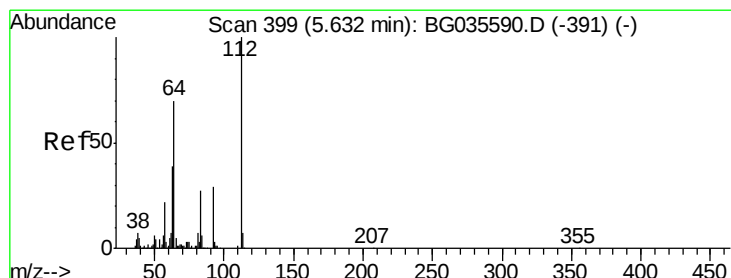
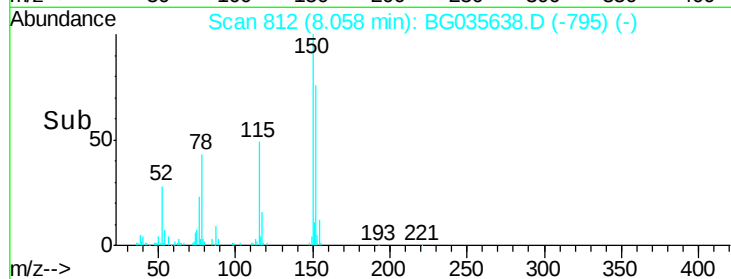
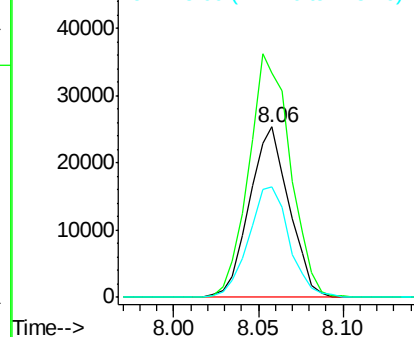
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

Instrument :
BNA_G
ClientSampleId :
SES-MS-PH4-COA-7-18

Tgt Ion	Ratio	Lower	Upper
152	100		
150	131.4	126.6	189.8
115	64.7	53.0	79.4



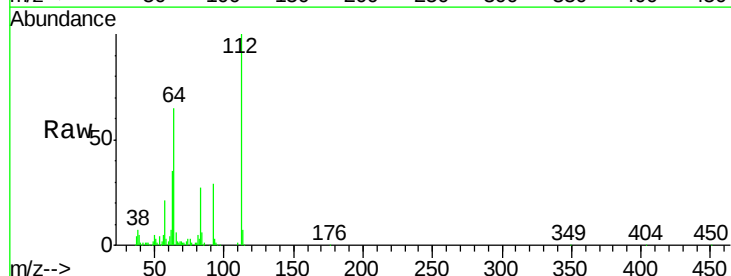
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



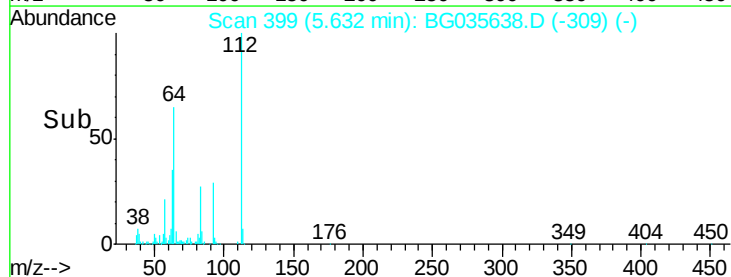
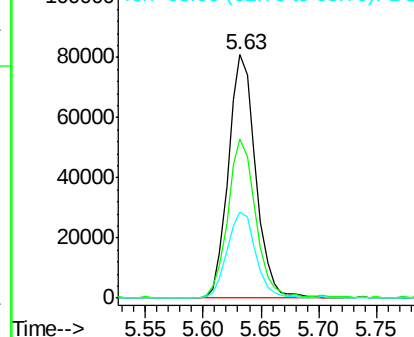
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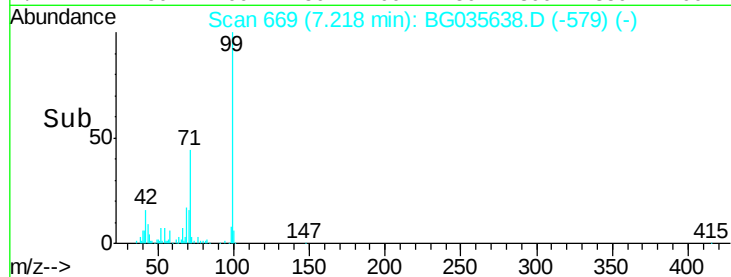
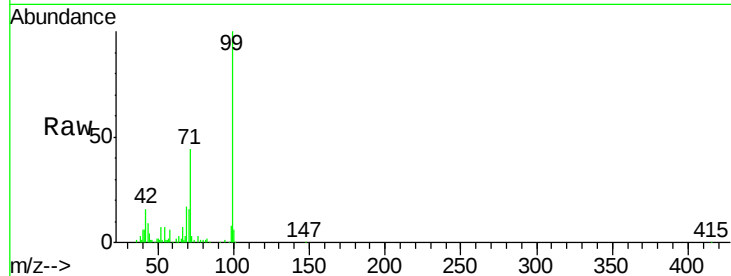
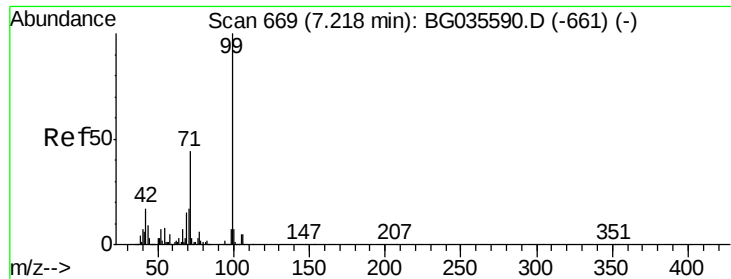
2-Fluorophenol
Concen: 53.068 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	56.3	84.5
63	35.4	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: 32.323 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-7-18

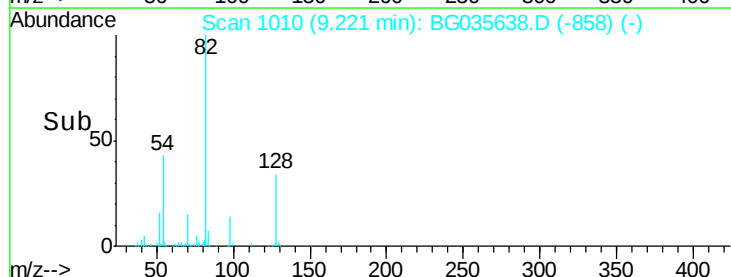
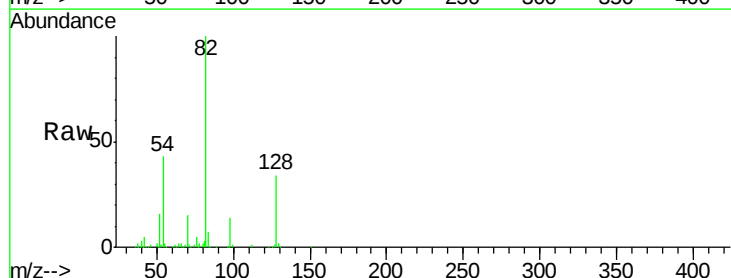
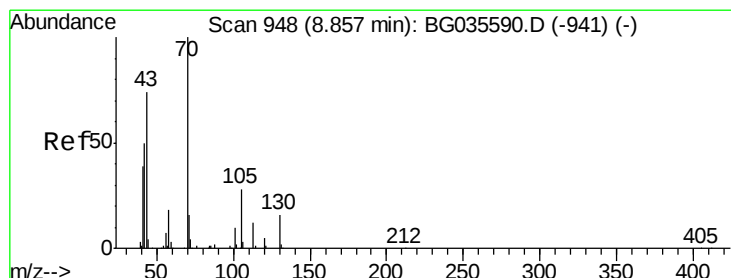
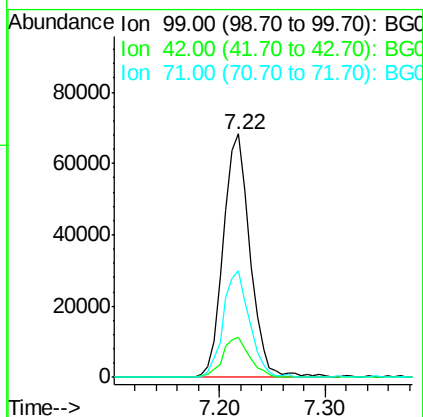
Tgt Ion: 99 Resp: 119985

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 44.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.402 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Tgt Ion: 70 Resp: 45020

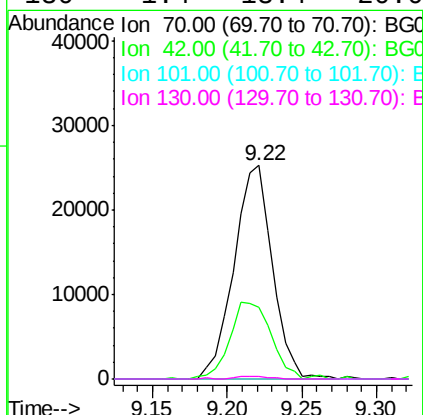
Ion Ratio Lower Upper

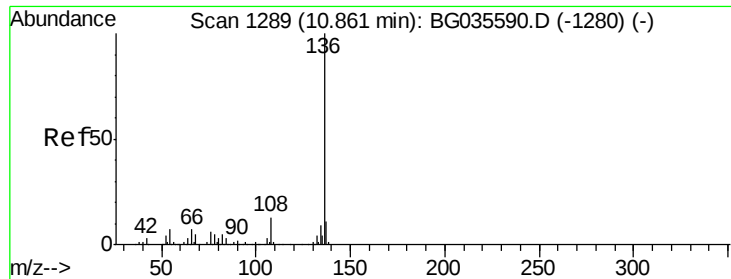
70 100

42 33.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

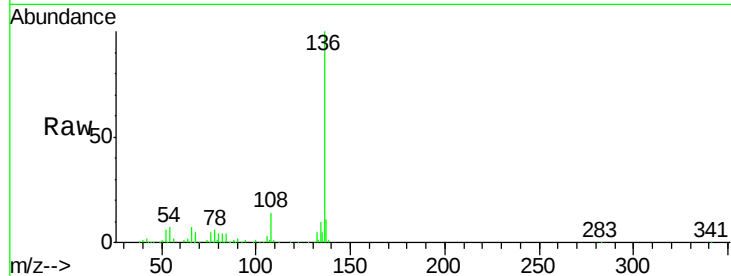




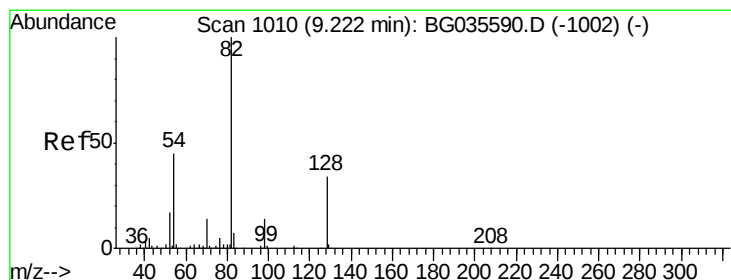
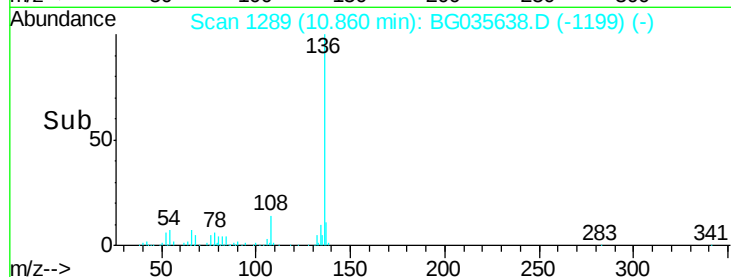
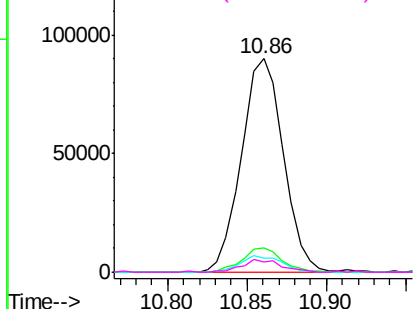
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

Instrument :
BNA_G
ClientSampleId :
SES-MS-PH4-COA-7-18

Tgt Ion:	136	Resp:	165607
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.9	10.3	15.5
68	5.1	4.5	6.7

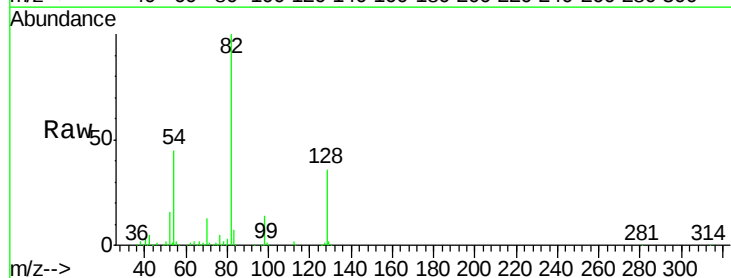


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

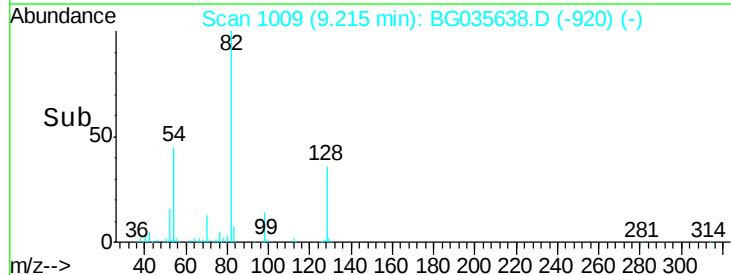
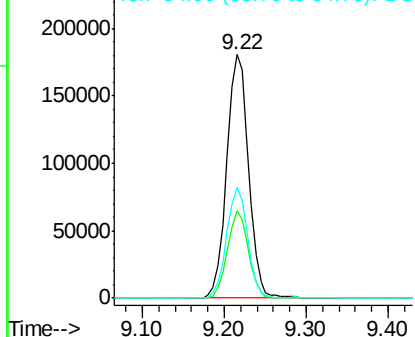


#23
Nitrobenzene-d5
Concen: 84.724 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

Tgt Ion:	82	Resp:	335869
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	45.2	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-7-18

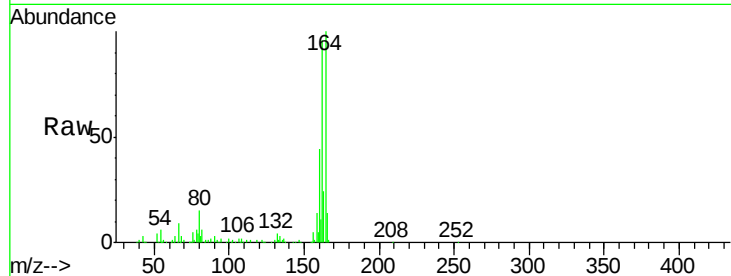
Tgt Ion:164 Resp: 128430

Ion Ratio Lower Upper

164 100

162 96.2 78.8 118.2

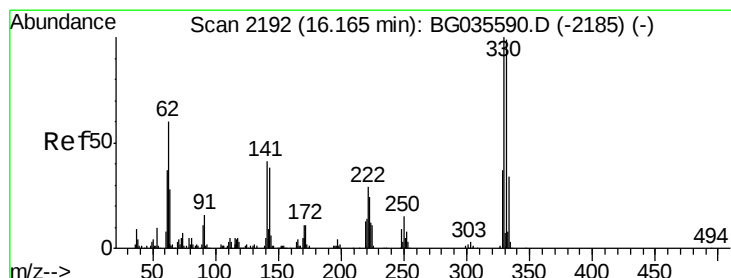
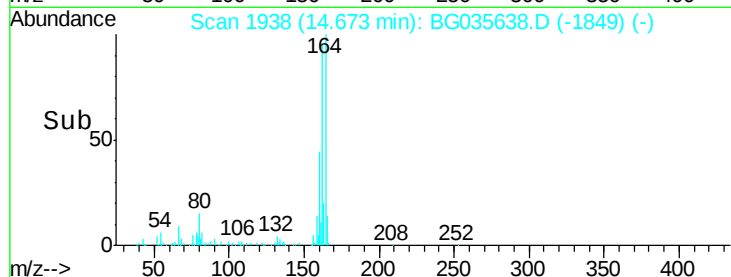
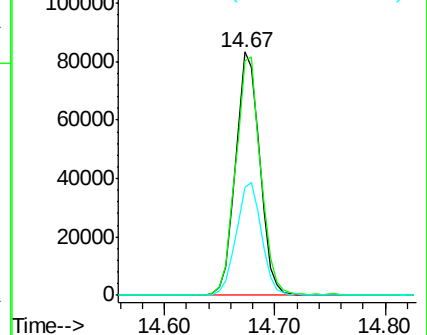
160 44.2 35.4 53.0



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: 125.099 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

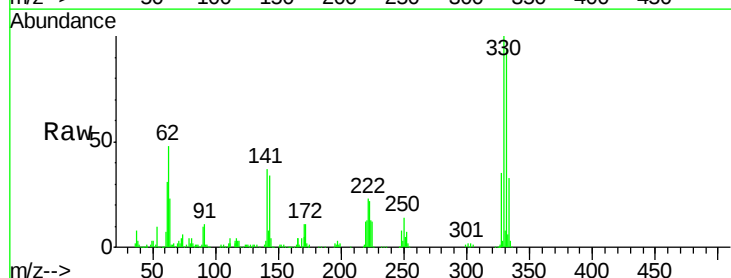
Tgt Ion:330 Resp: 211766

Ion Ratio Lower Upper

330 100

332 93.0 77.0 115.6

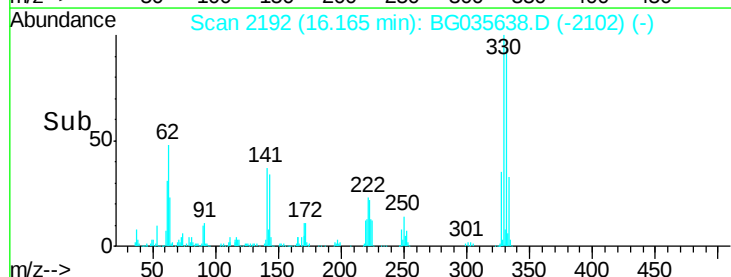
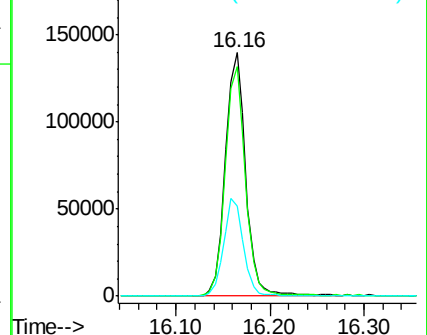
141 38.9 25.2 37.8#

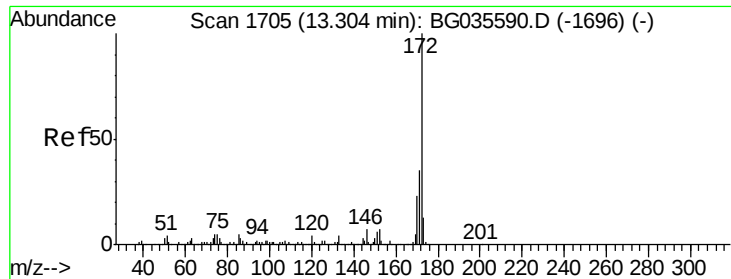


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

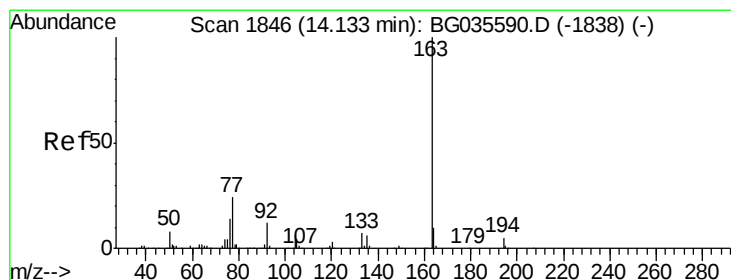
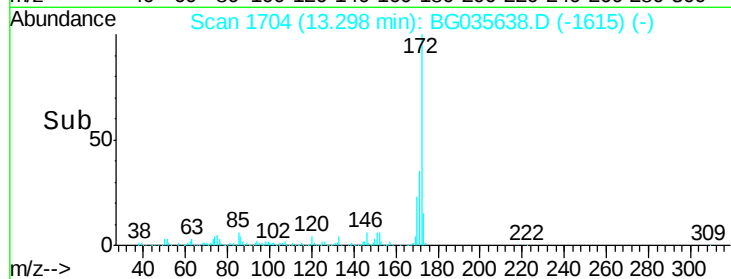
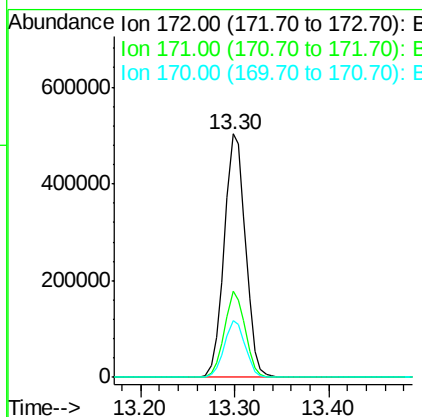
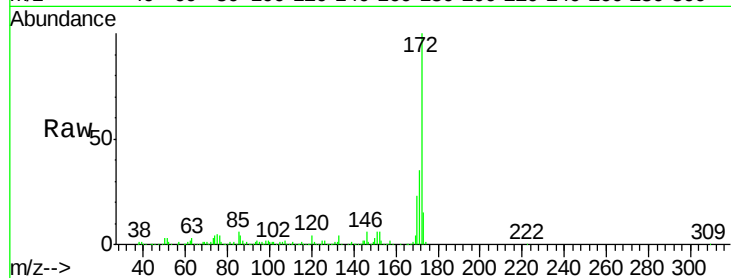




#44
2-Fluorobiphenyl
Concen: 82.876 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

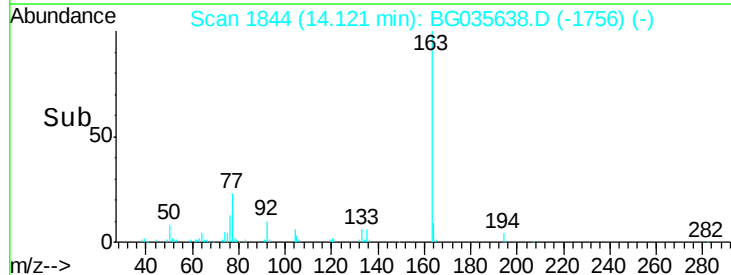
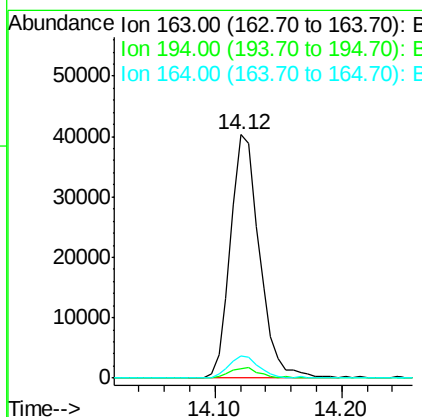
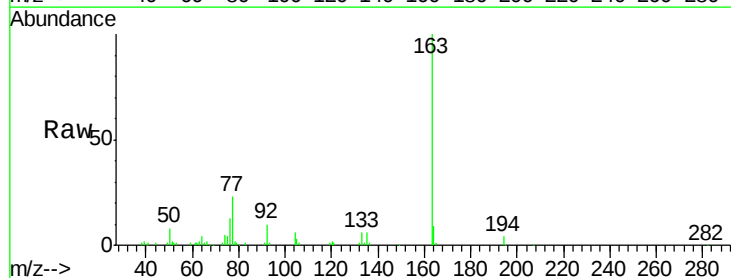
Instrument :
BNA_G
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SES-MS-PH4-COA-7-18

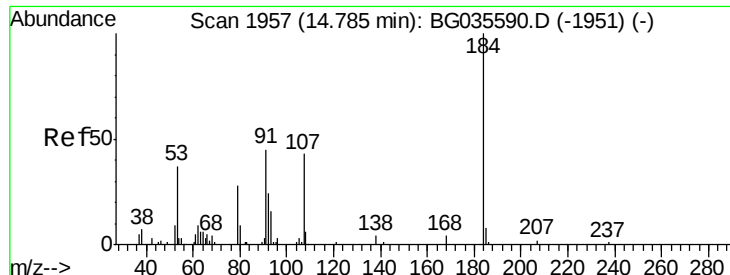
Tgt Ion:172 Resp: 794462
Ion Ratio Lower Upper
172 100
171 35.3 30.0 45.0
170 23.4 19.5 29.3



#49
Dimethylphthalate
Concen: 5.668 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

Tgt Ion:163 Resp: 63774
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 8.9 8.2 12.4

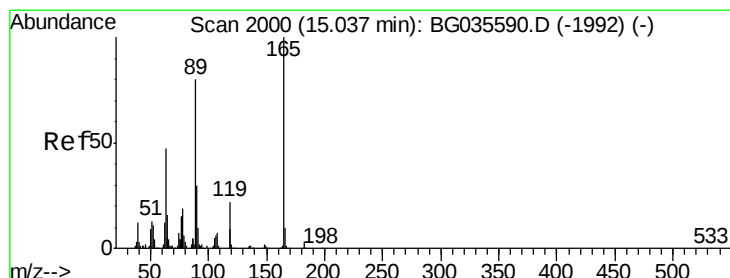
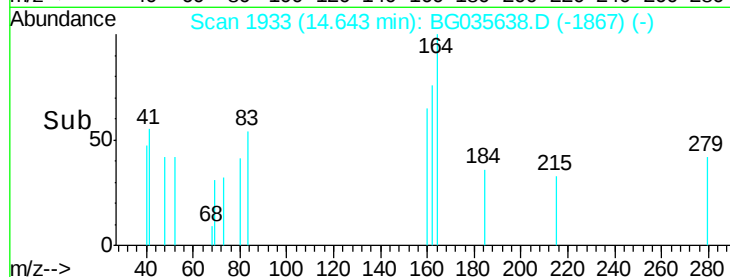
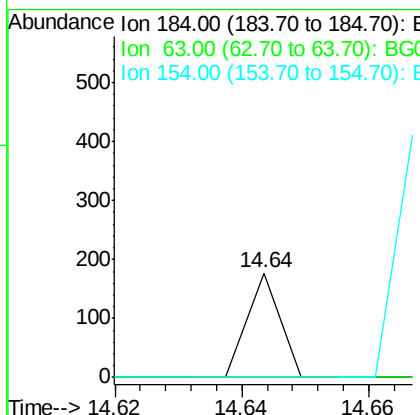
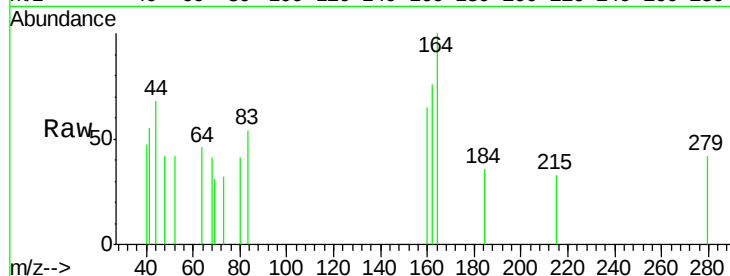




#53
2,4-Dinitrophenol
Concen: 6.630 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.14 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

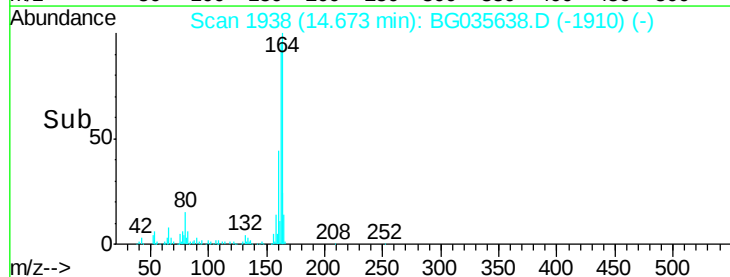
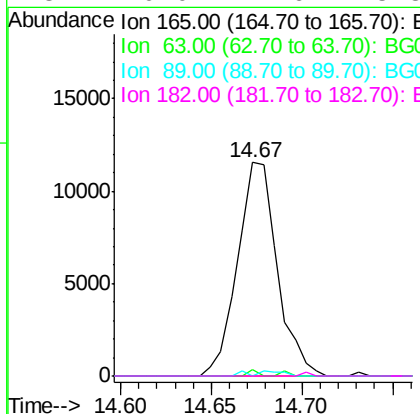
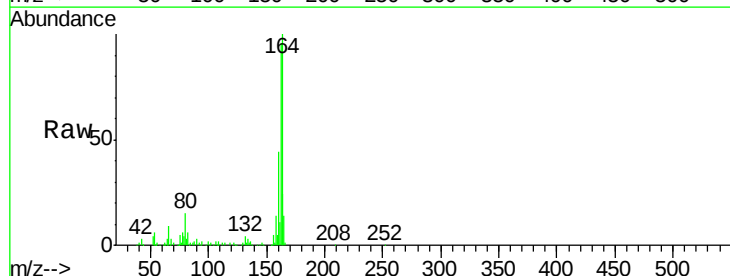
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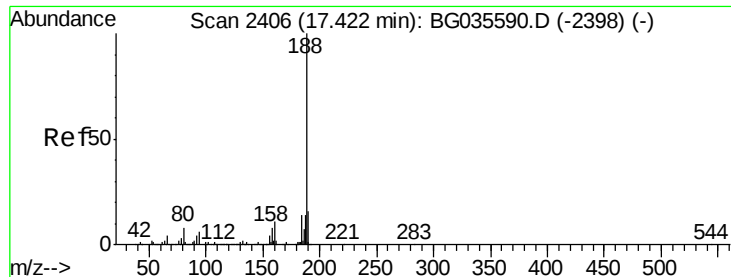
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.341 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

Tgt Ion:165 Resp: 17556
Ion Ratio Lower Upper
165 100
63 3.2 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-7-18

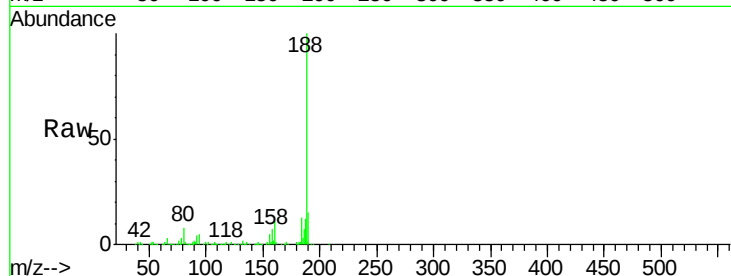
Tgt Ion:188 Resp: 347864

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

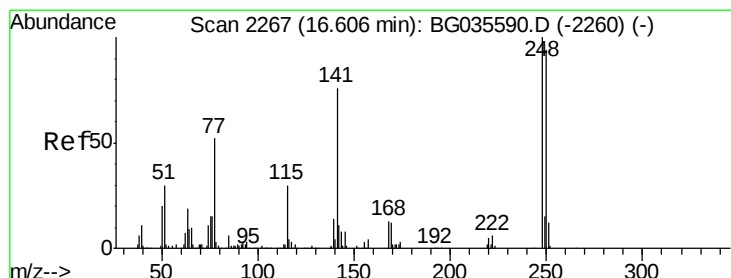
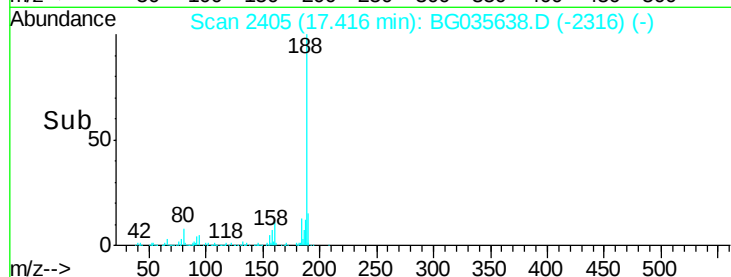
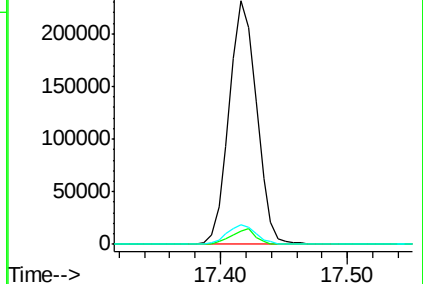
80 7.9 7.7 11.5



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



#66

4-Bromophenyl-phenylether

Concen: 4.273 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.44 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

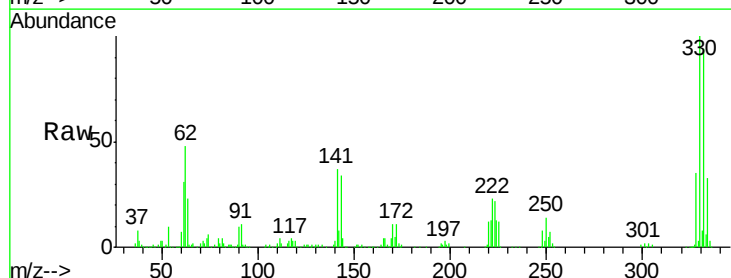
Tgt Ion:248 Resp: 17246

Ion Ratio Lower Upper

248 100

250 163.5 77.1 115.7#

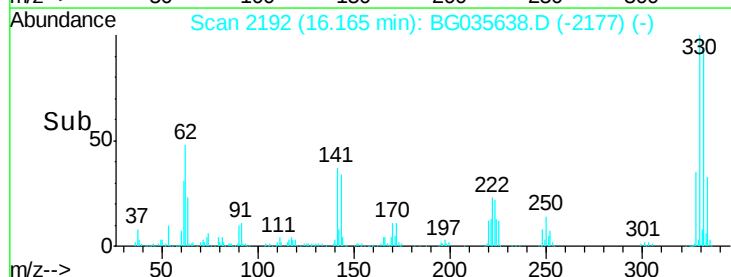
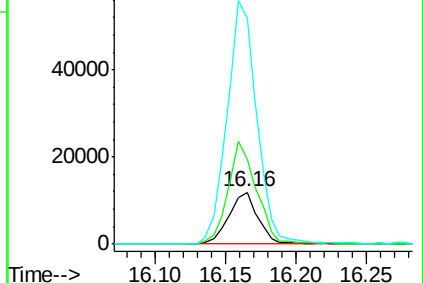
141 437.2 50.8 76.2#

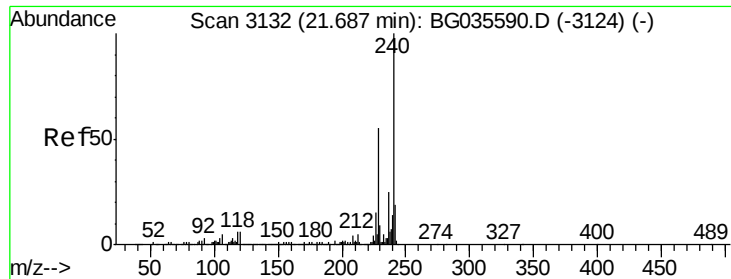


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-7-18

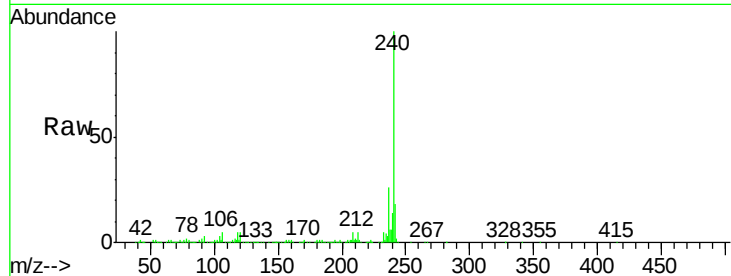
Tgt Ion:240 Resp: 363864

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

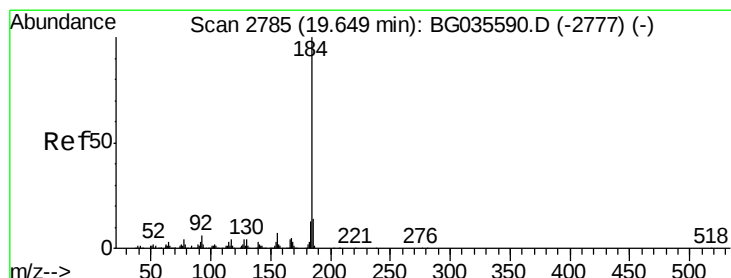
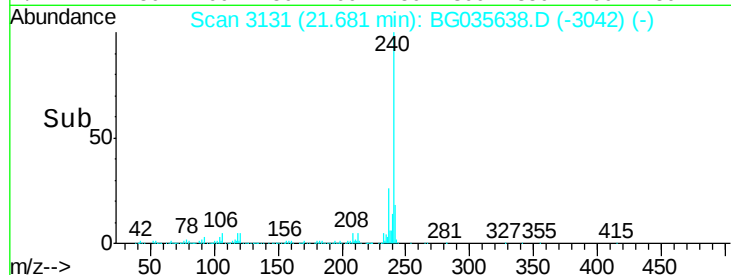
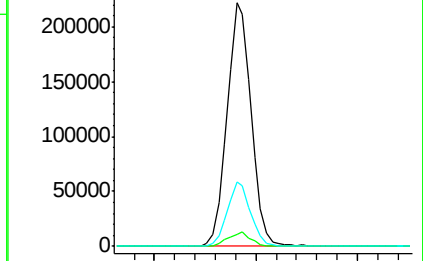
236 26.4 20.9 31.3



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



#76

Benzidine

Concen: 2.564 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

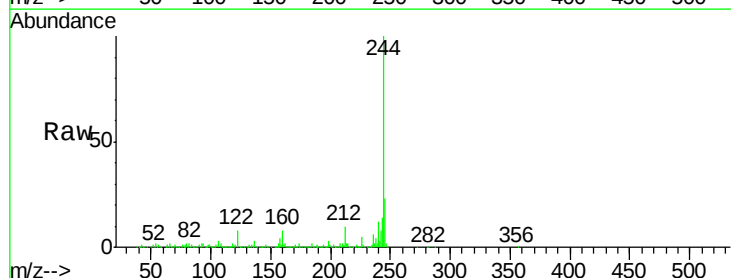
Tgt Ion:184 Resp: 24526

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

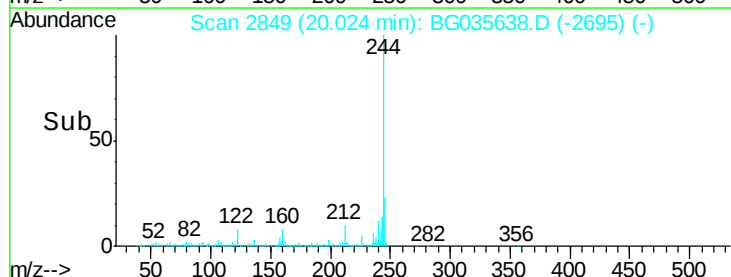
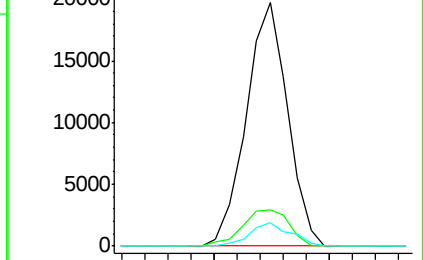
183 9.8 10.6 16.0#

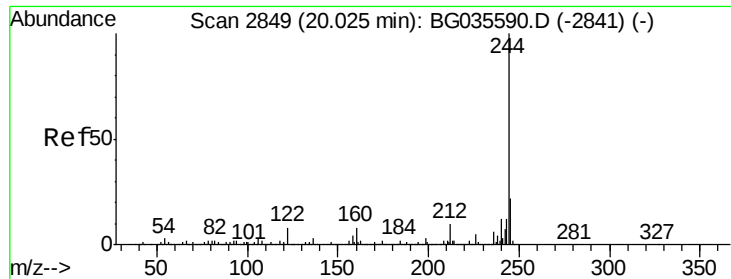


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 86.203 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-7-18

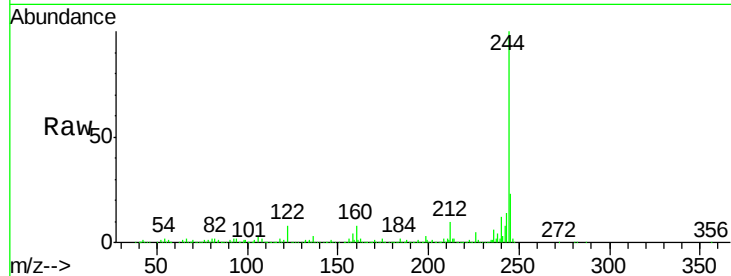
Tgt Ion:244 Resp: 1422947

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

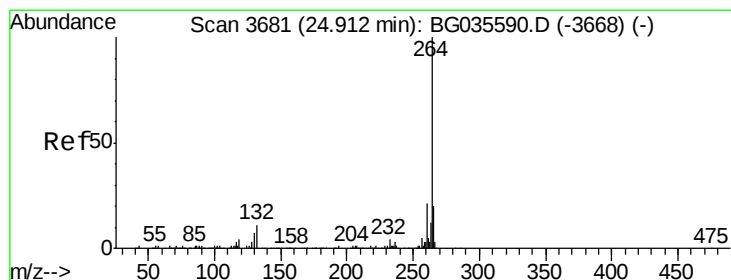
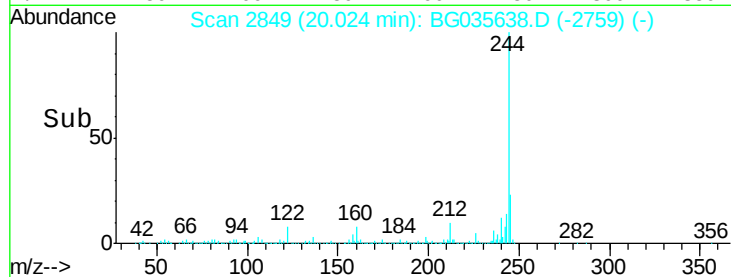
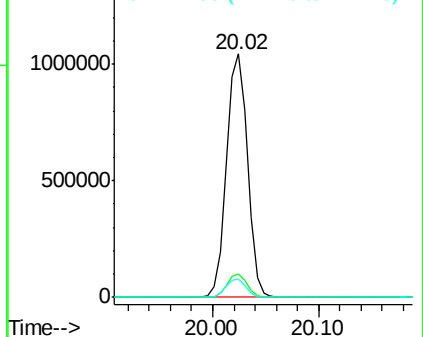
122 7.6 7.0 10.4



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. -0.01 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

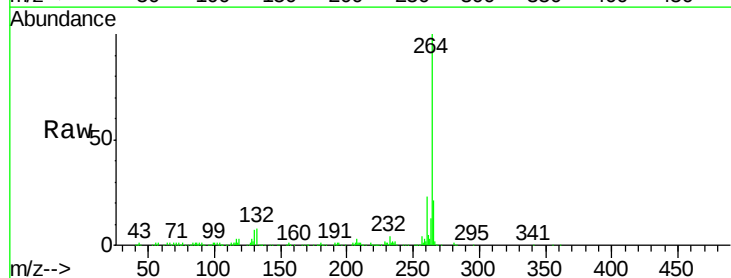
Tgt Ion:264 Resp: 337582

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.9 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

