

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062918\
 Data File : BG035518.D
 Acq On : 29 Jun 2018 23:20
 Operator : JU/SJ
 Sample : J3732-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)

Quant Time: Jun 30 01:43:55 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

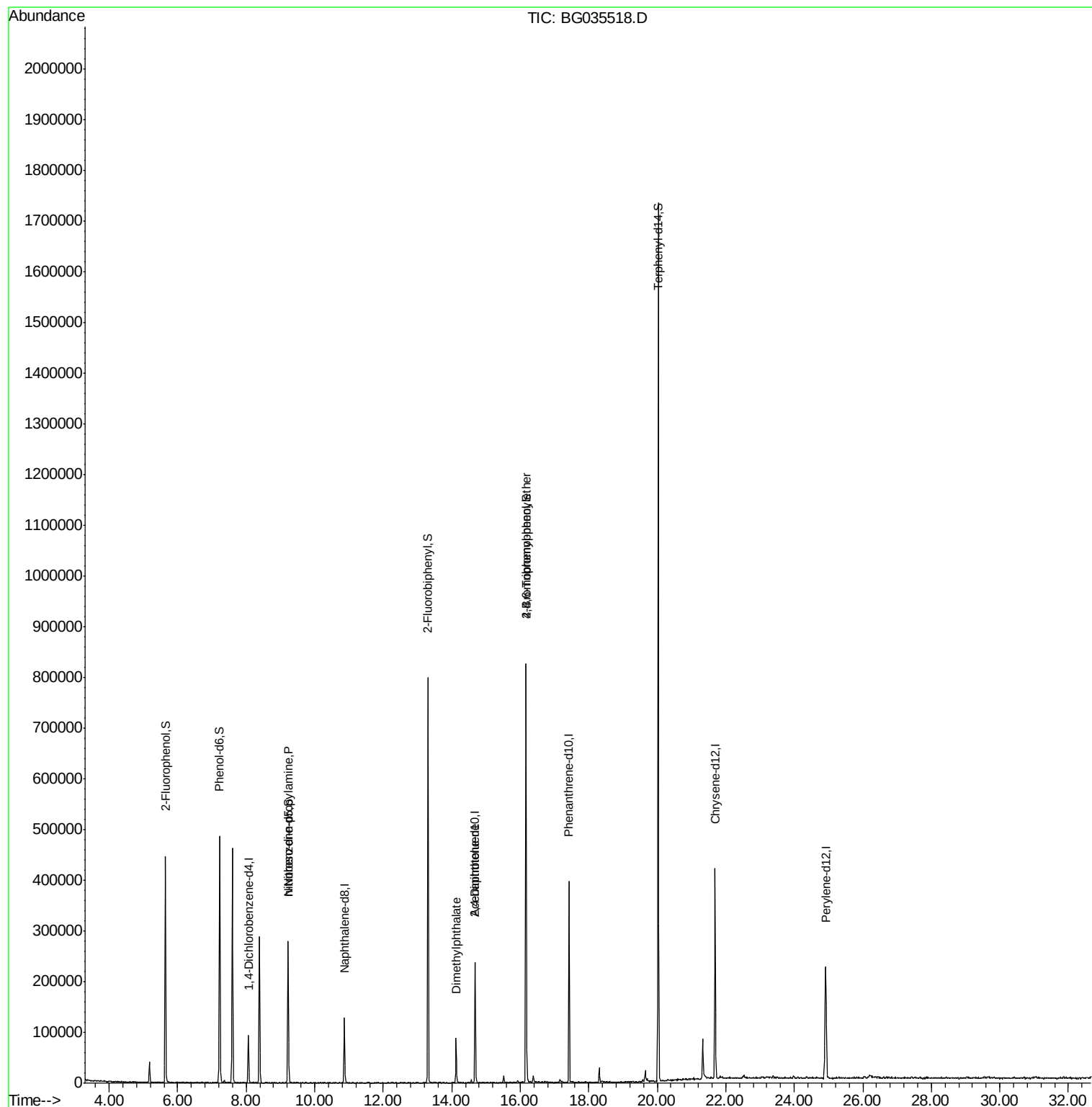
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26717	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	111105	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	84227	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	247434	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	266727	20.00	ng	-0.03
86) Perylene-d12	24.91	264	251959	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	194410	122.80	ng	0.00
7) Phenol-d6	7.23	99	297085	127.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	186546	79.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	155286	144.02	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	433412	66.89	ng	-0.02
78) Terphenyl-d14	20.03	244	866912	68.08	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	25372	12.781	ng	Qvalue # 68
49) Dimethylphthalate	14.13	163	62543	8.515	ng	# 98
56) 2,4-Dinitrotoluene	14.68	165	11777	6.616	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	12610	4.232	ng	# 1

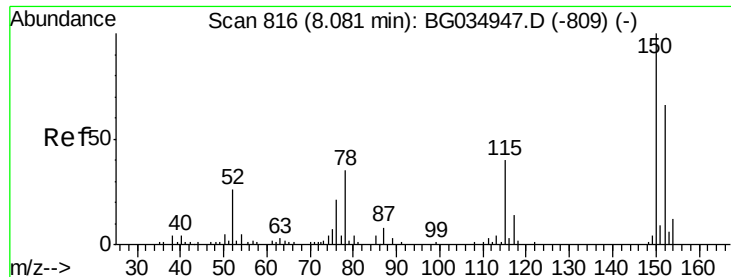
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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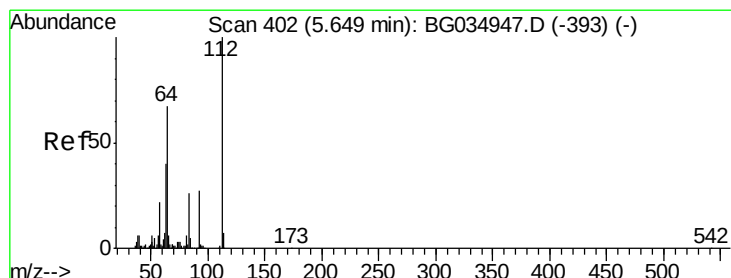
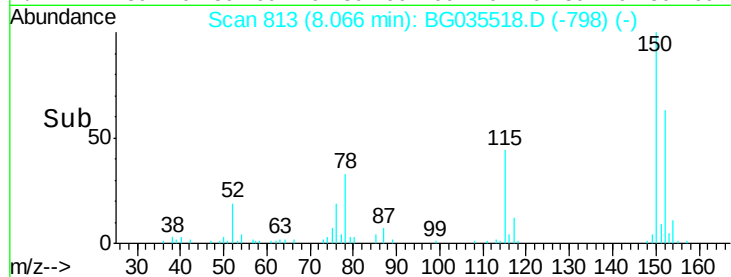
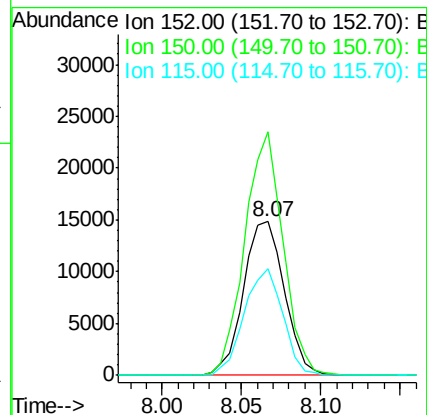
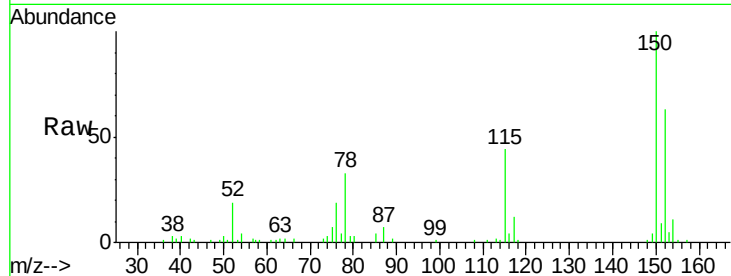


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)

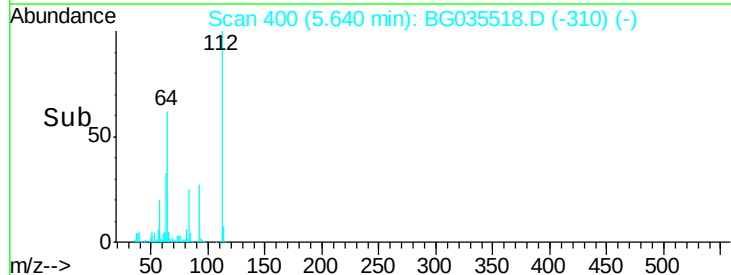
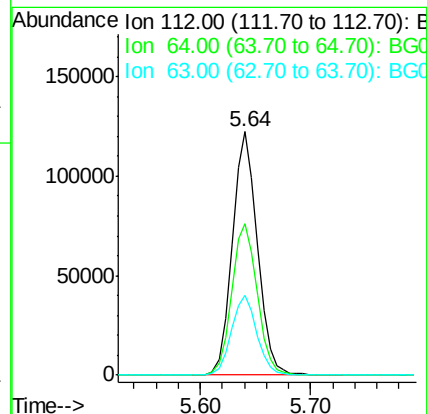
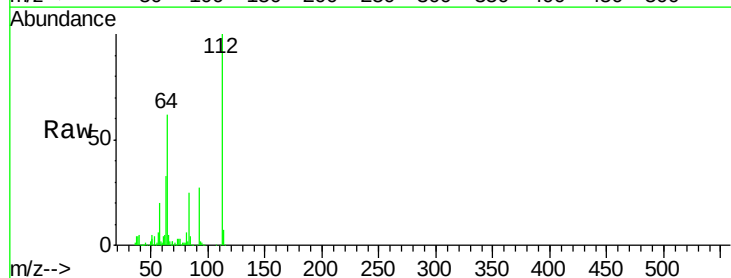
Tgt Ion:152 Resp: 26717
Ion Ratio Lower Upper
152 100
150 158.6 126.6 189.8
115 69.3 53.0 79.4

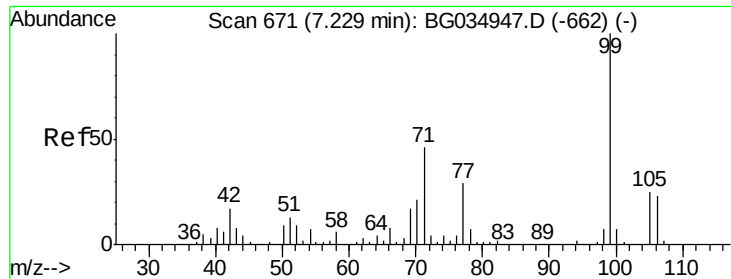


#5

2-Fluorophenol
Concen: 122.801 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

Tgt Ion:112 Resp: 194410
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 32.8 30.1 45.1





#7

Phenol-d6

Concen: 127.144 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)

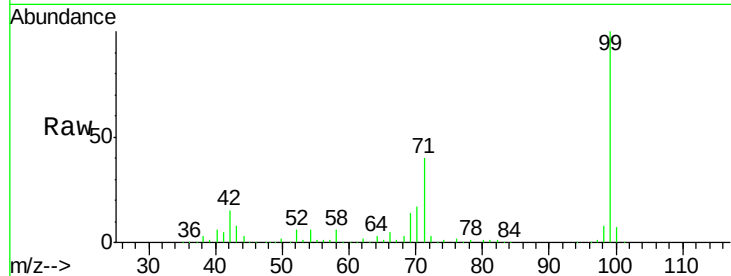
Tgt Ion: 99 Resp: 297085

Ion Ratio Lower Upper

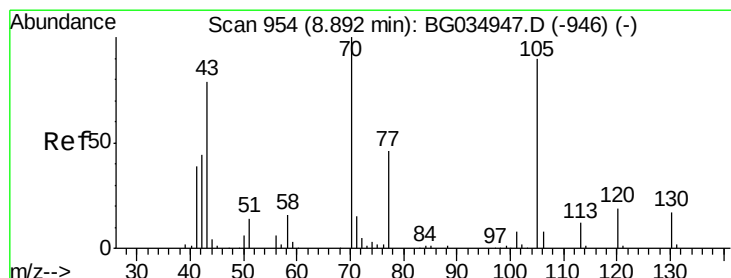
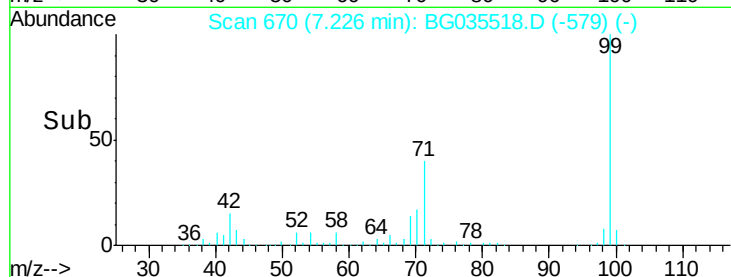
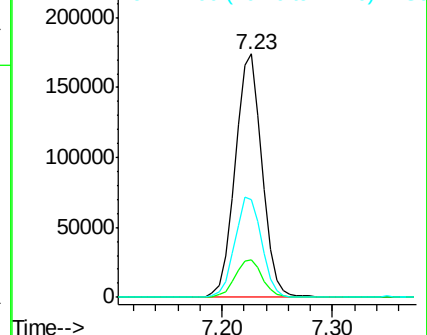
99 100

42 15.3 14.1 21.1

71 40.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.781 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

Tgt Ion: 70 Resp: 25372

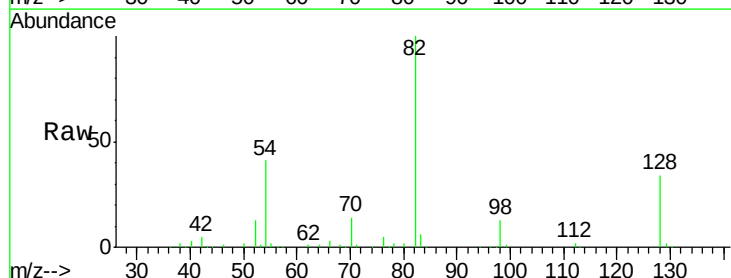
Ion Ratio Lower Upper

70 100

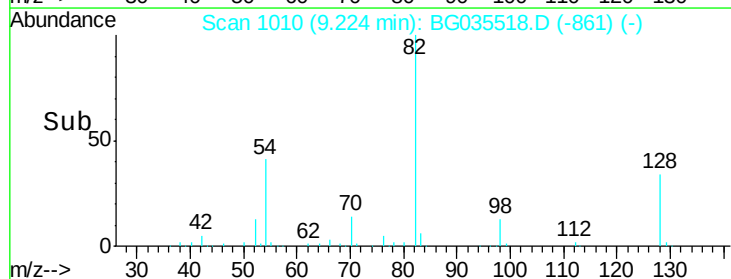
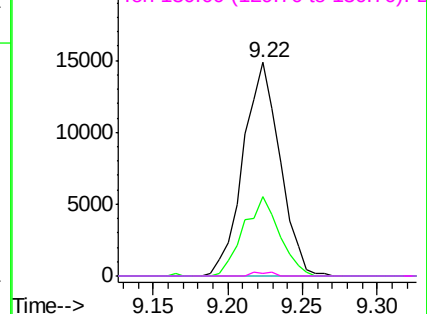
42 37.0 49.1 73.7#

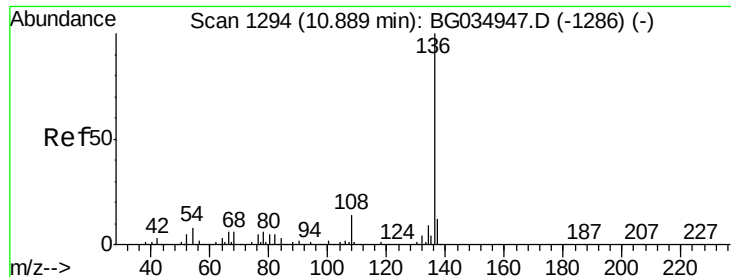
101 0.0 8.5 12.7#

130 1.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

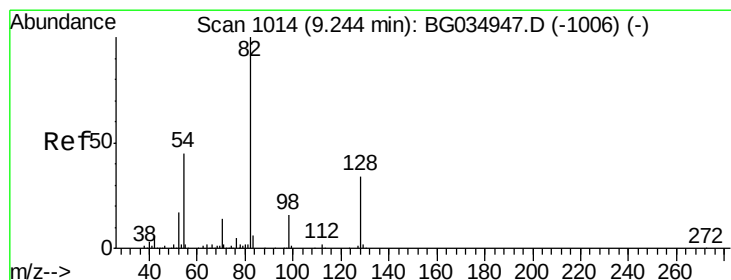
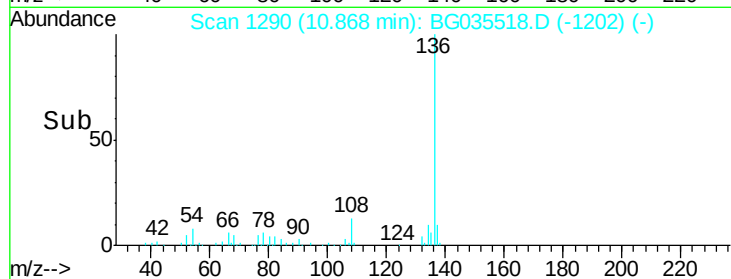
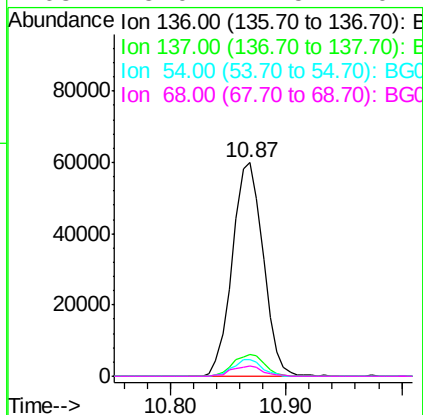
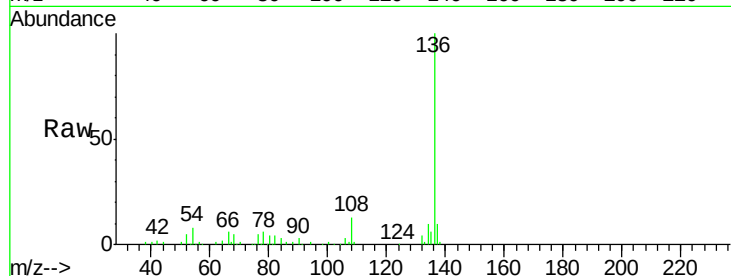




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

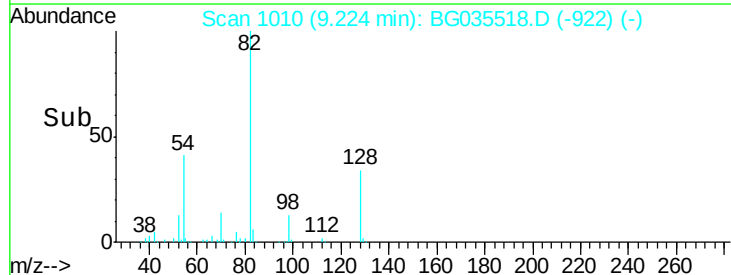
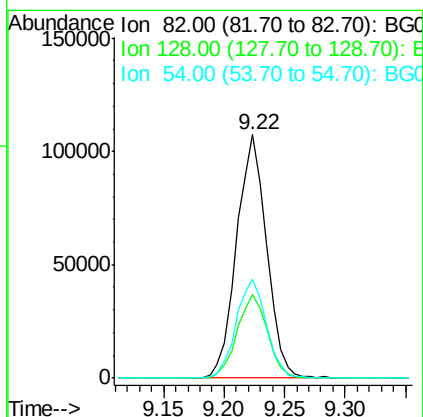
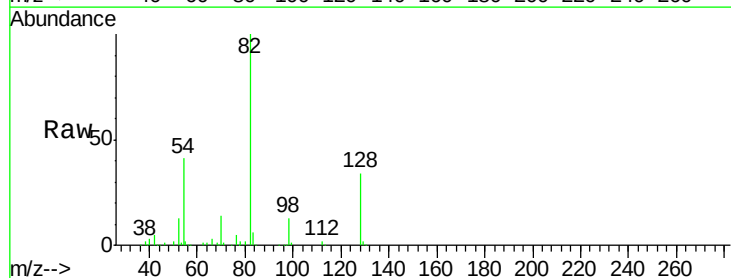
Instrument :
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EPE-106-8(18-20)

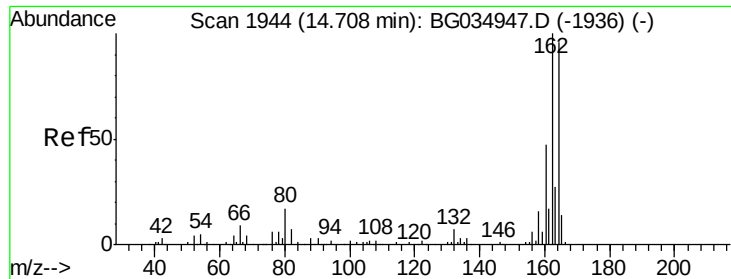
Tgt Ion:	136	Resp:	111105
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.8	10.3	15.5#
68	5.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 79.810 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

Tgt Ion:	82	Resp:	186546
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	40.7	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)

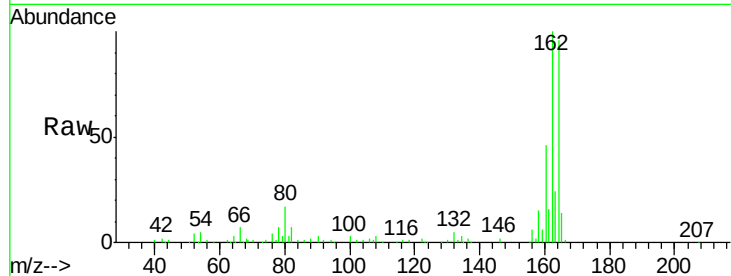
Tgt Ion:164 Resp: 84227

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

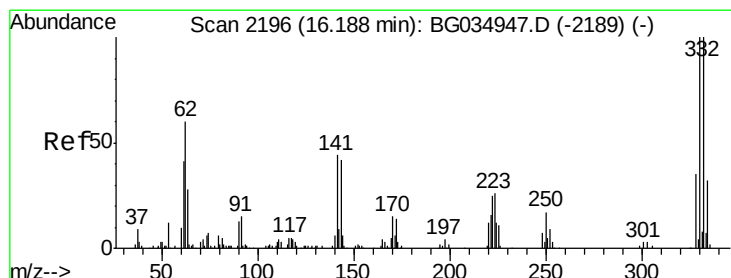
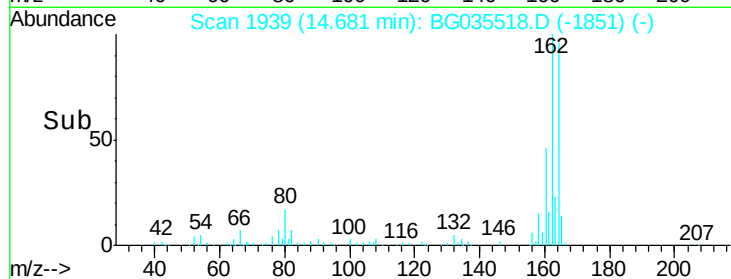
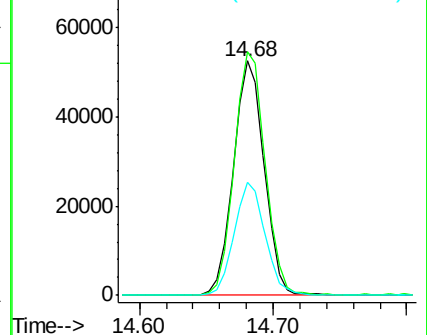
160 48.1 35.4 53.0



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: 144.022 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

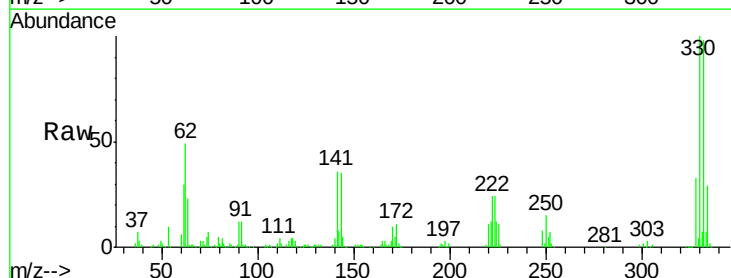
Tgt Ion:330 Resp: 155286

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

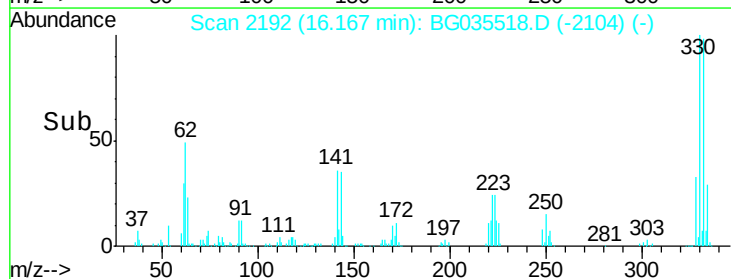
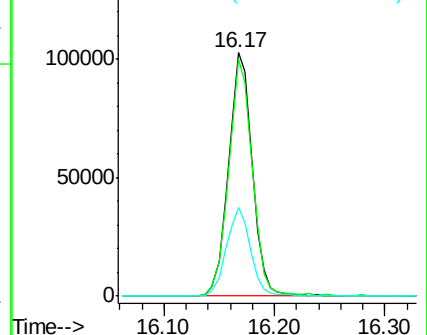
141 36.7 25.2 37.8

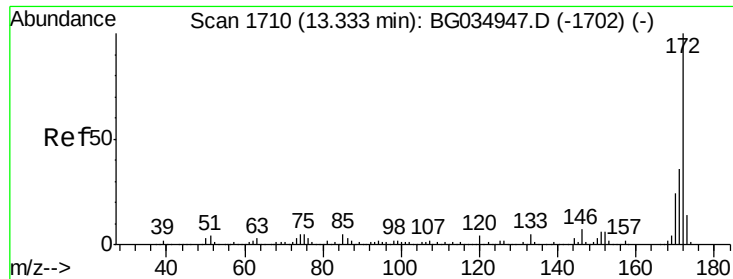


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

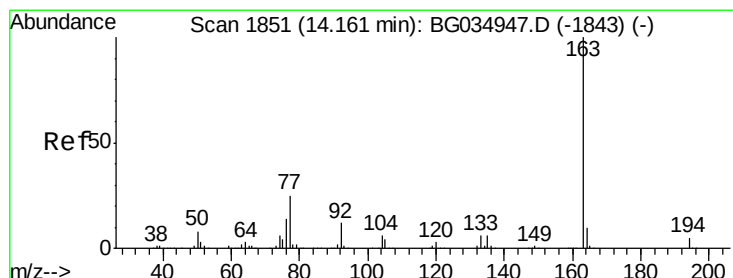
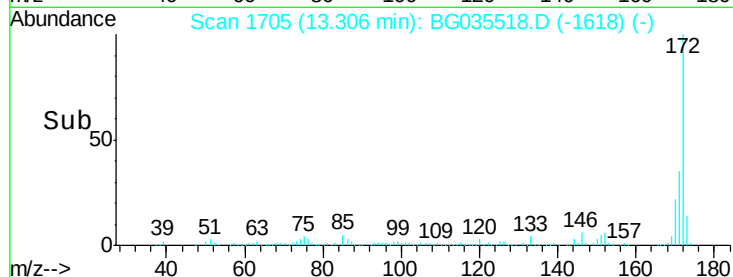
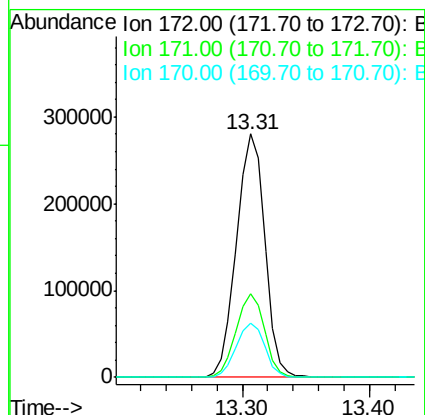
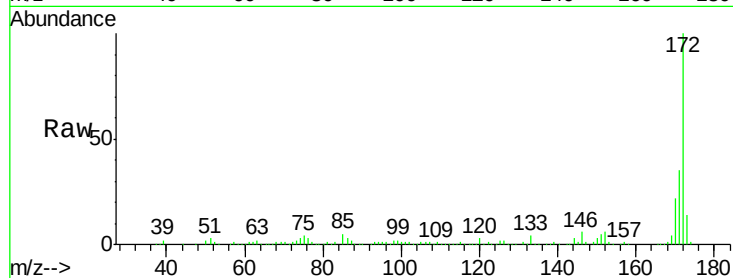




#44
2-Fluorobiphenyl
Concen: 66.895 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

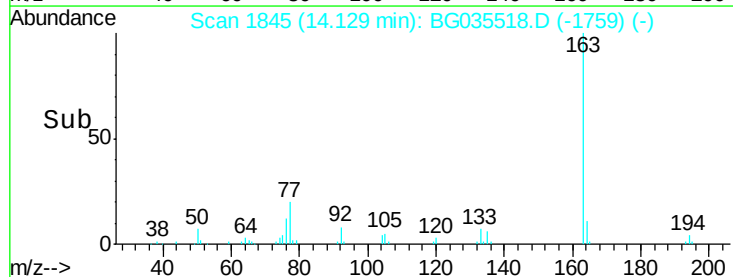
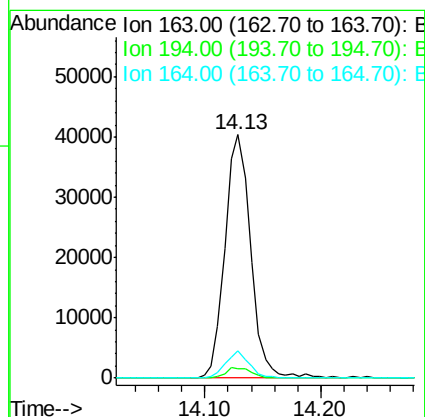
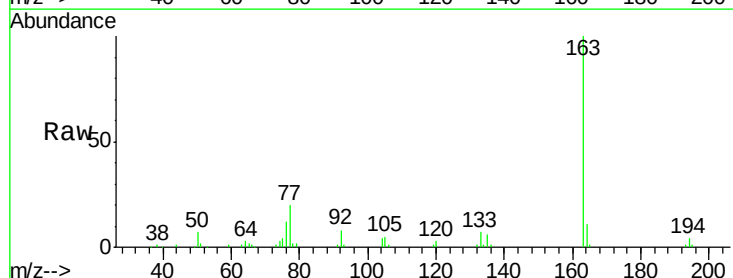
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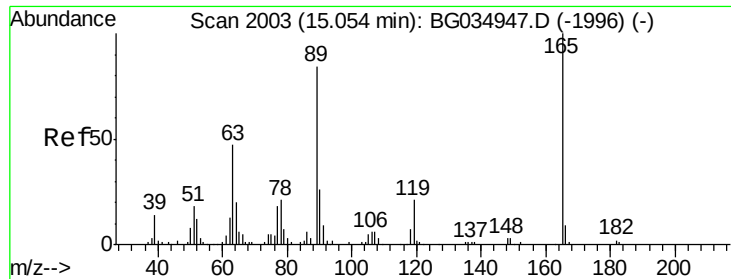
Tgt Ion:172 Resp: 433412
Ion Ratio Lower Upper
172 100
171 34.5 30.0 45.0
170 22.4 19.5 29.3



#49
Dimethylphthalate
Concen: 8.515 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

Tgt Ion:163 Resp: 62543
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 11.3 8.2 12.4

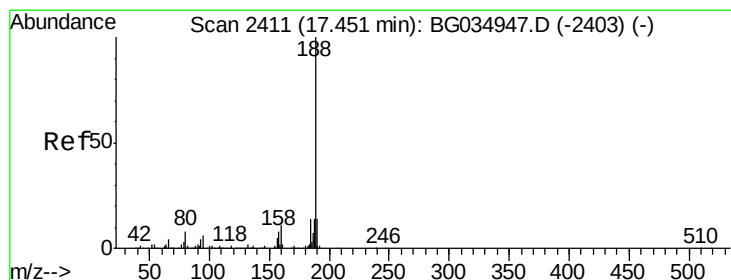
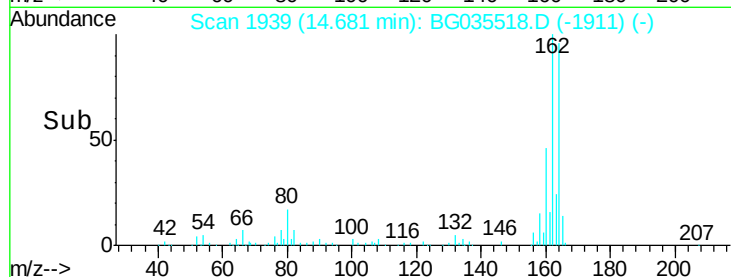
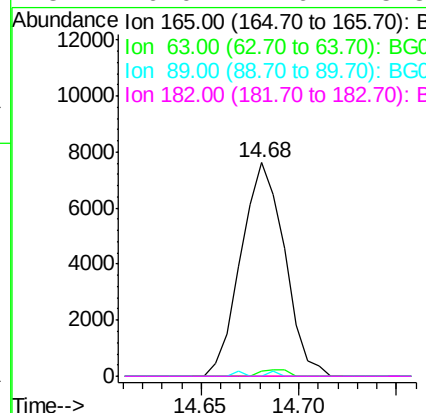
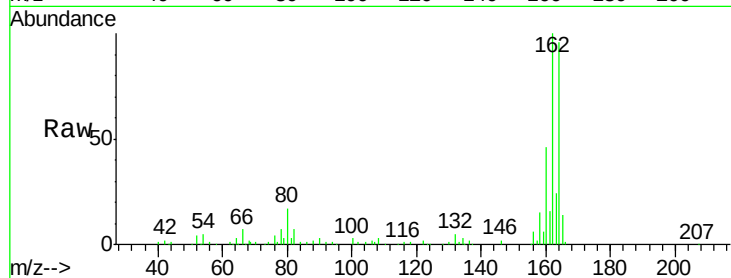




#56
 2,4-Dinitrotoluene
 Concen: 6.616 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035518.D
 Acq: 29 Jun 2018 23:20

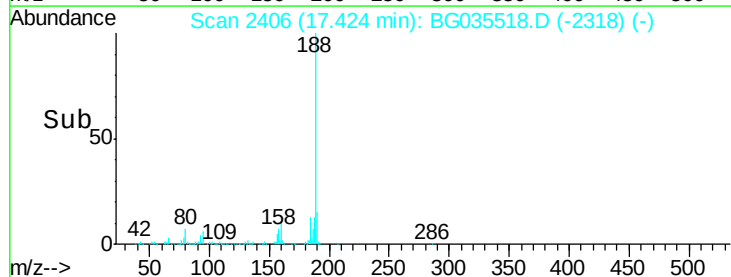
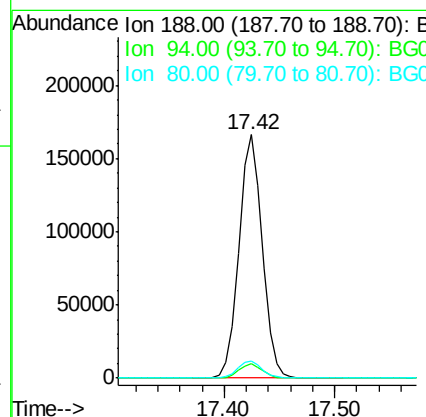
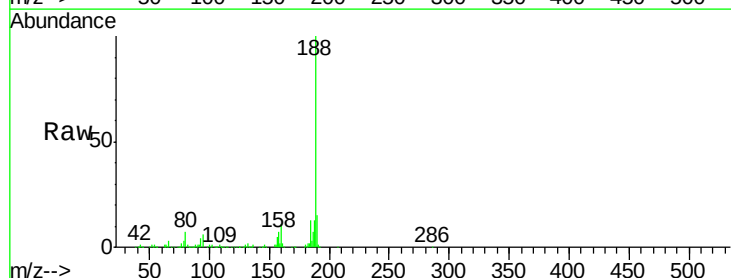
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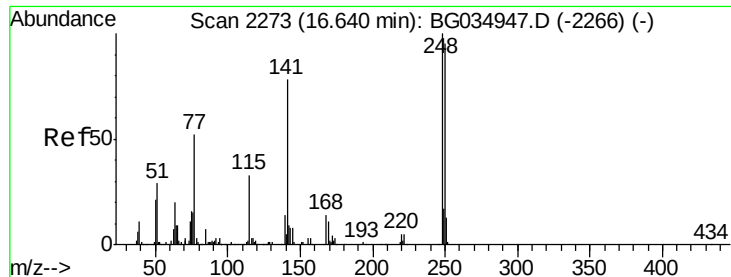
Tgt Ion:	165	Resp:	11777
Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035518.D
 Acq: 29 Jun 2018 23:20

Tgt Ion:	188	Resp:	247434
Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	6.9	7.7	11.5#

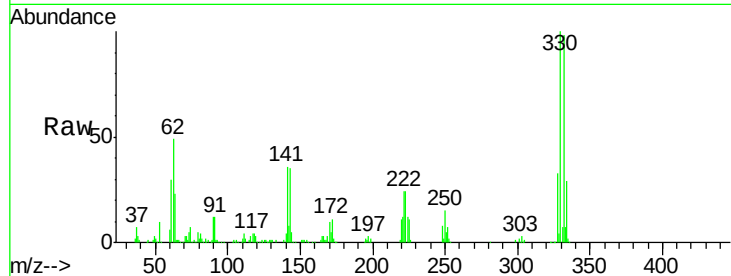




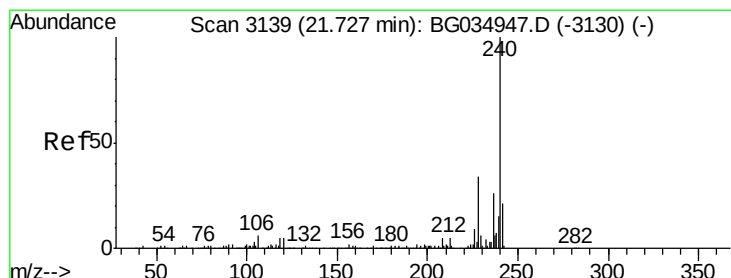
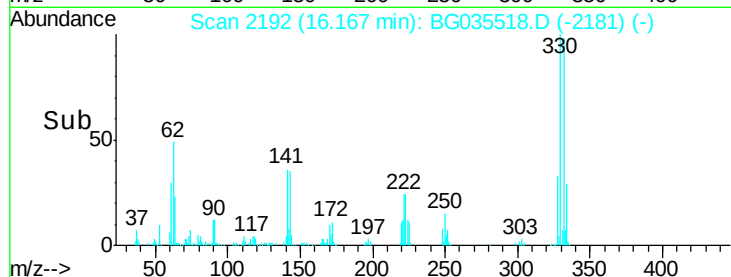
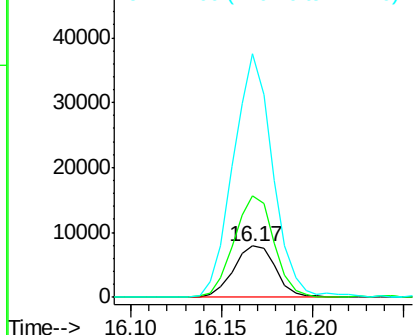
#66
4-Bromophenyl-phenylether
Concen: 4.232 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)

Tgt Ion:248 Resp: 12610
Ion Ratio Lower Upper
248 100
250 197.6 77.1 115.7#
141 472.3 50.8 76.2#

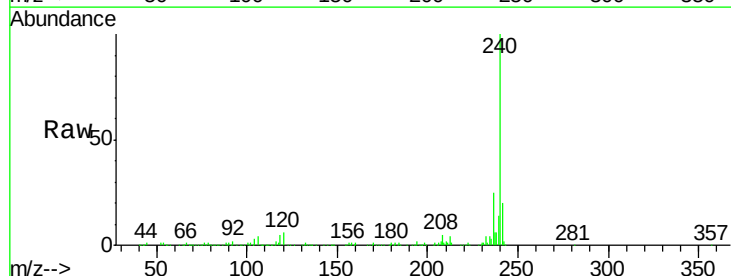


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

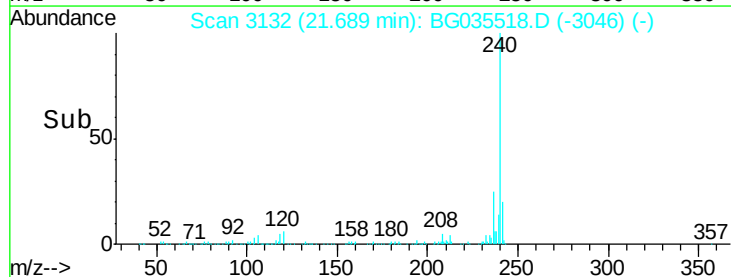
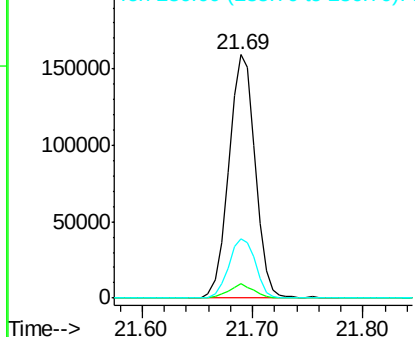


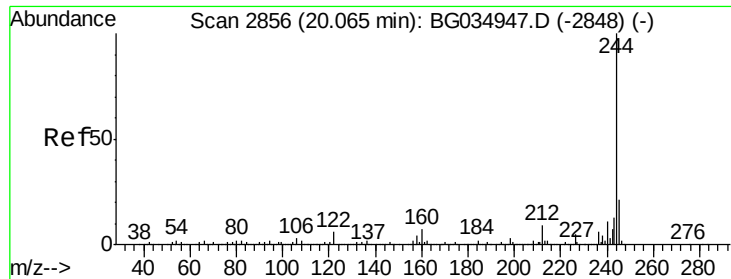
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

Tgt Ion:240 Resp: 266727
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 24.6 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: 68.081 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)

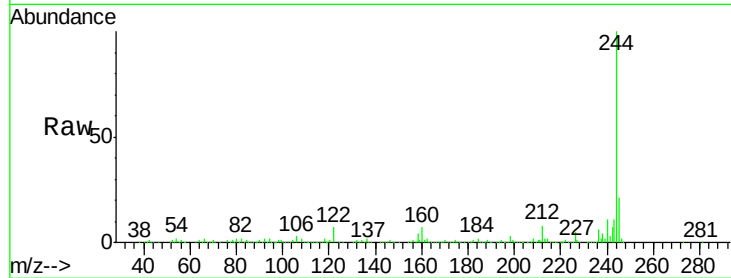
Tgt Ion:244 Resp: 866912

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

122 6.6 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

20.03

600000

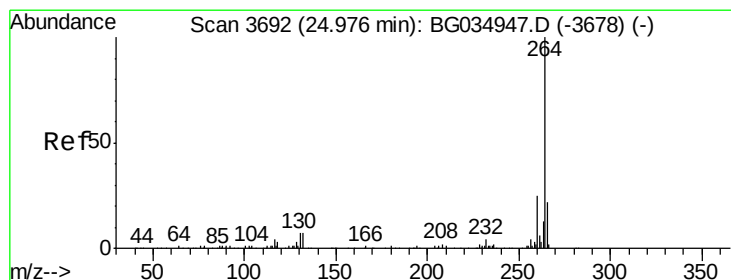
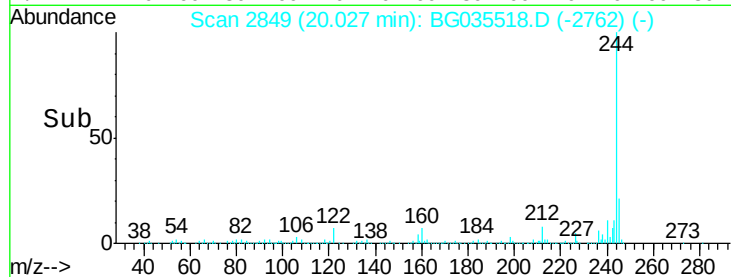
400000

200000

0

20.00 20.10

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.05 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

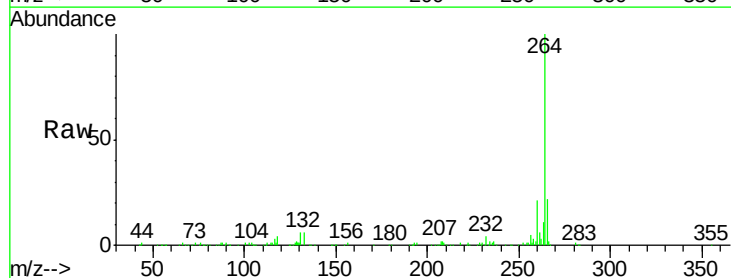
Tgt Ion:264 Resp: 251959

Ion Ratio Lower Upper

264 100

260 20.7 17.4 26.0

265 22.4 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

24.91

120000

100000

80000

60000

40000

20000

0

24.80 24.90 25.00

Time-->

