

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
 Data File : BG035672.D
 Acq On : 16 Jul 2018 16:38
 Operator : JU/SJ
 Sample : J3888-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC7-BTM-6-6.5

Quant Time: Jul 16 17:46:09 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

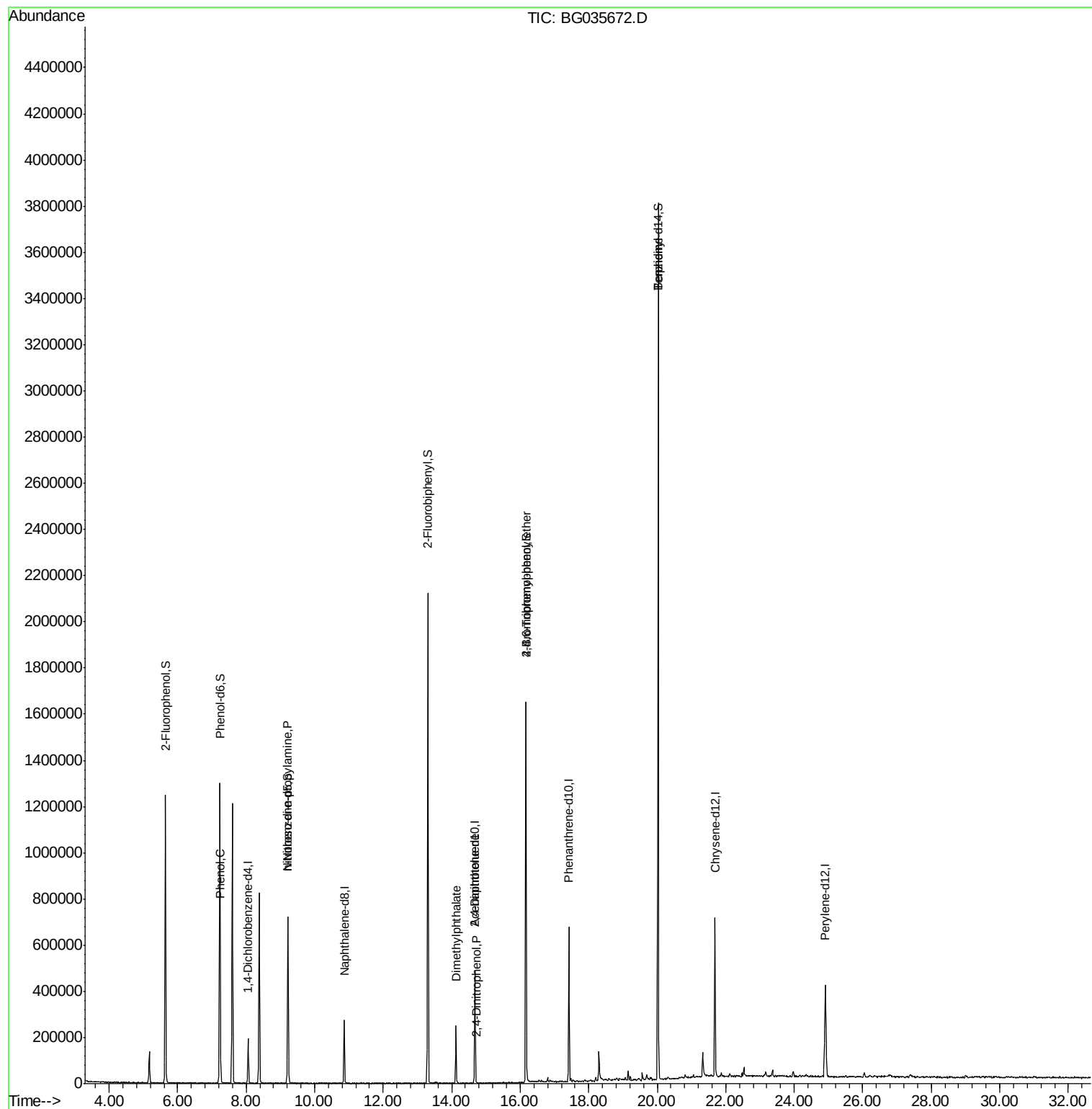
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55417	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	224697	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	167061	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	424031	20.00	ng	0.00
75) Chrysene-d12	21.68	240	429728	20.00	ng	0.00
86) Perylene-d12	24.91	264	412883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	499510	149.65	ng	0.00
7) Phenol-d6	7.23	99	773417	155.30	ng	0.01
23) Nitrobenzene-d5	9.22	82	478286	88.92	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	301635	136.98	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1117778	89.64	ng	0.00
78) Terphenyl-d14	20.03	244	1748449	89.69	ng	0.00
Target Compounds						
10) Phenol	7.25	94	10873	2.161	ng	# 20
19) n-Nitroso-di-n-propylamine	9.22	70	68197	16.262	ng	# 72
49) Dimethylphthalate	14.12	163	156032	10.660	ng	# 99
53) 2,4-Dinitrophenol	14.72	184	74	6.627	ng	# 1
56) 2,4-Dinitrotoluene	14.68	165	22517	5.266	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	25240	5.131	ng	# 1
76) Benzidine	20.03	184	31426	2.782	ng	# 91

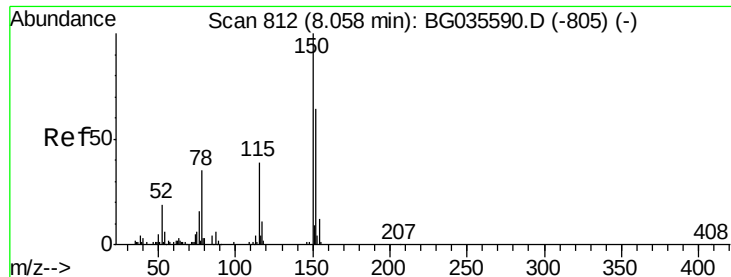
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



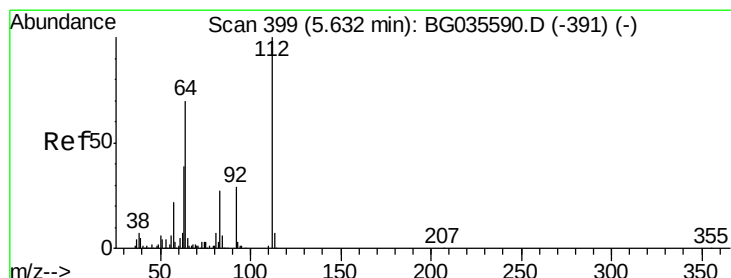
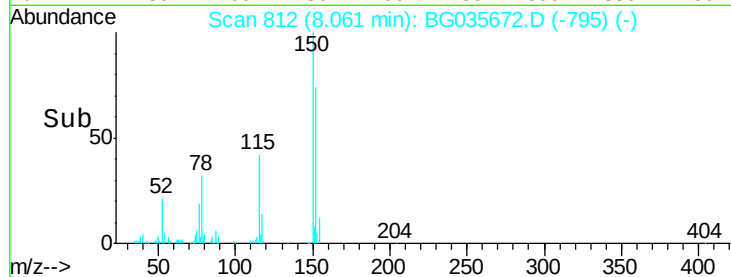
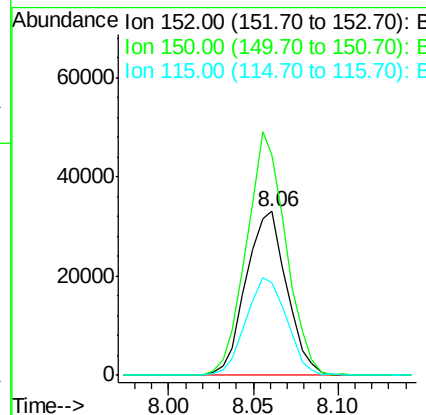
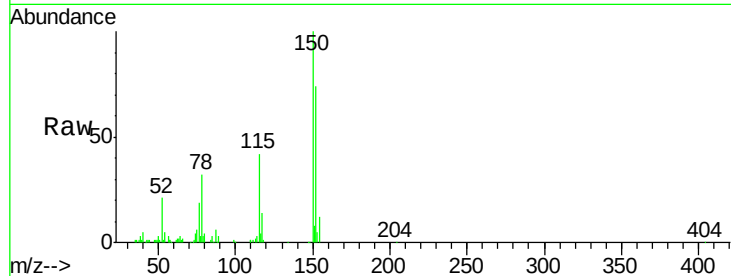


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5

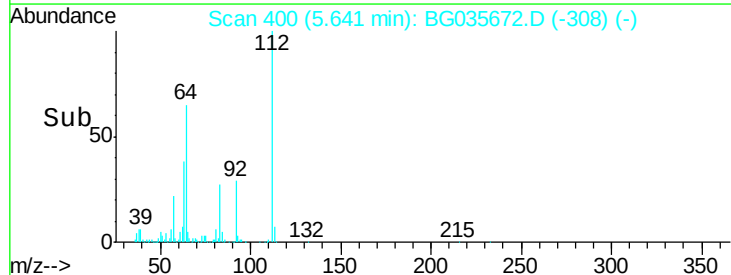
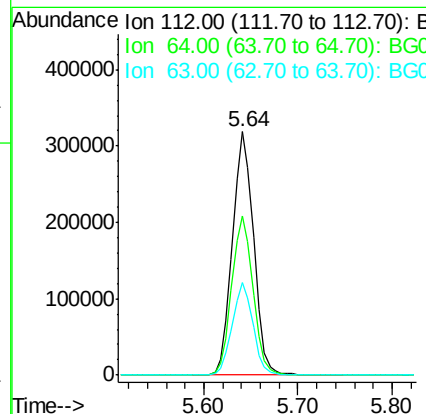
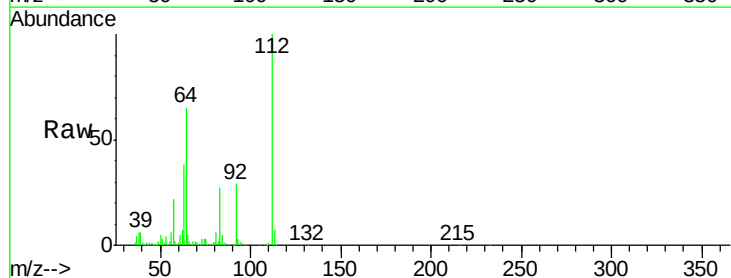
Tgt Ion	Ratio	Lower	Upper
152	100		
150	134.4	126.6	189.8
115	56.5	53.0	79.4

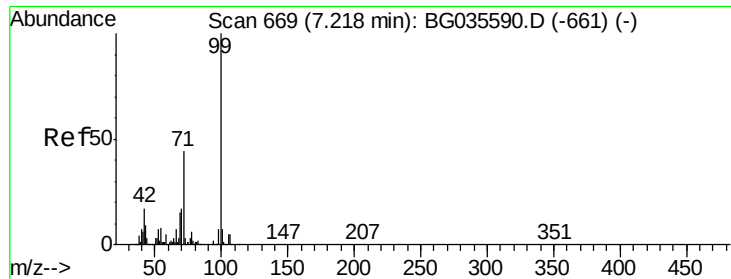


#5

2-Fluorophenol
Concen: 149.648 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	56.3	84.5
63	38.2	30.1	45.1





#7

Phenol-d6

Concen: 155.301 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG035672.D

Acq: 16 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

AOC7-BTM-6-6.5

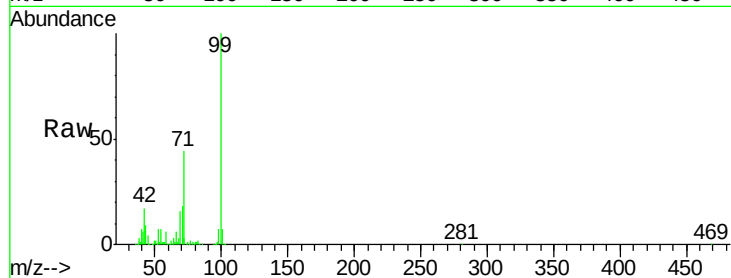
Tgt Ion: 99 Resp: 773417

Ion Ratio Lower Upper

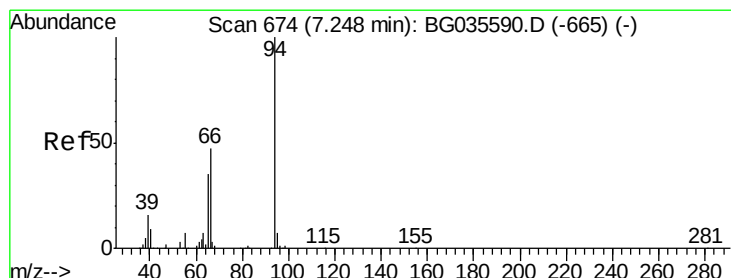
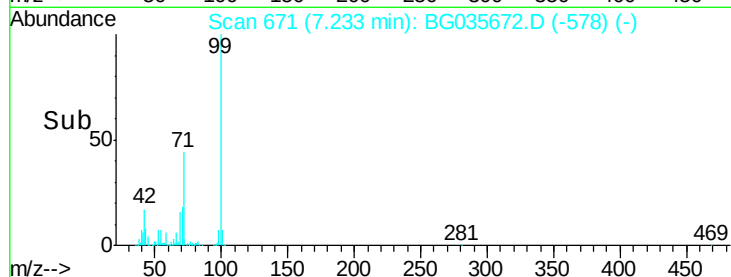
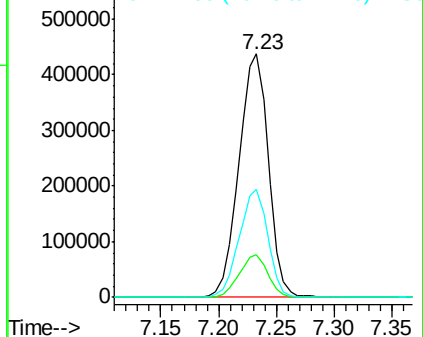
99 100

42 17.4 14.1 21.1

71 44.1 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: 2.161 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG035672.D

Acq: 16 Jul 2018 16:38

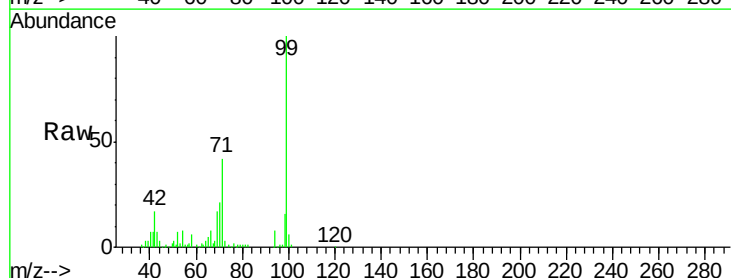
Tgt Ion: 94 Resp: 10873

Ion Ratio Lower Upper

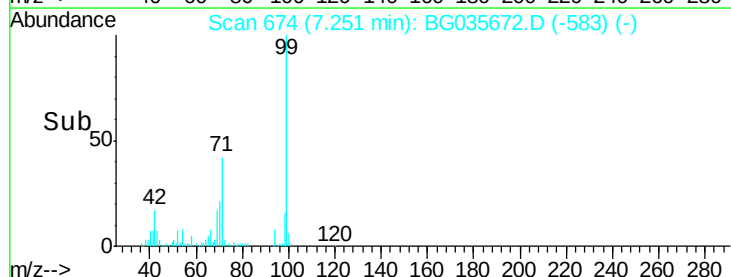
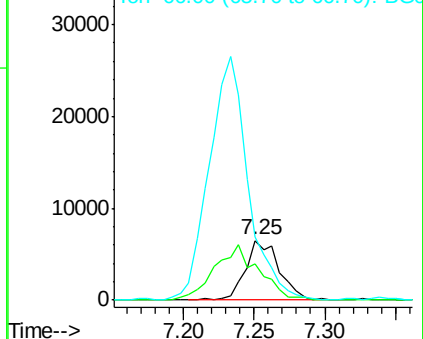
94 100

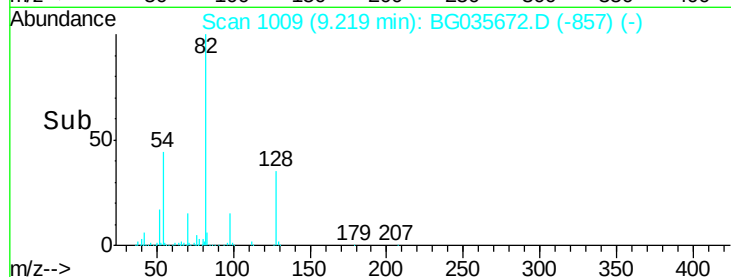
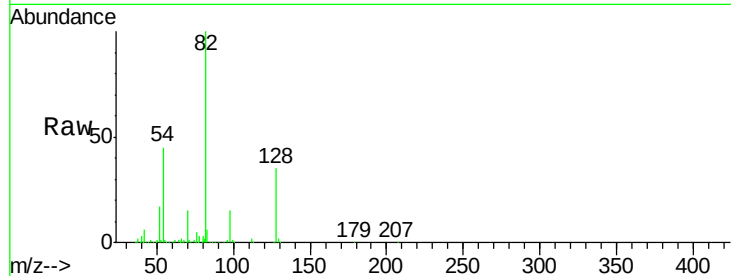
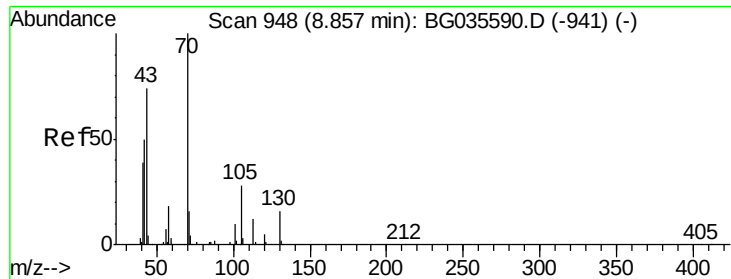
65 61.5 11.9 51.9#

66 105.3 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

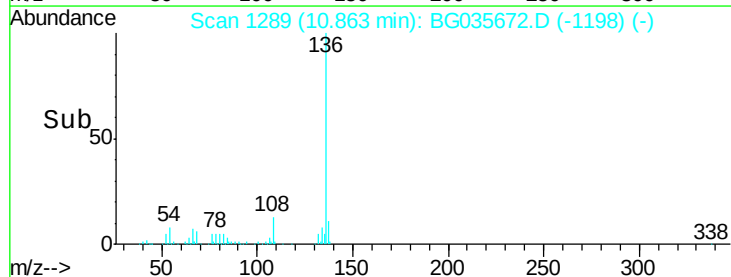
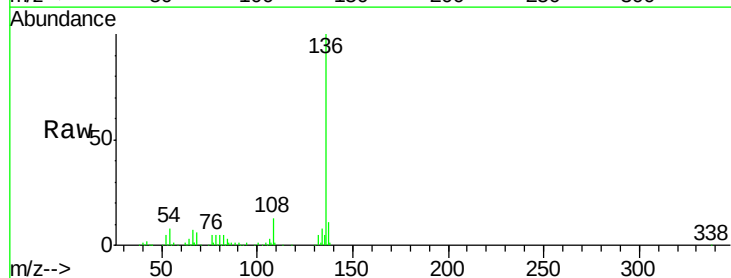
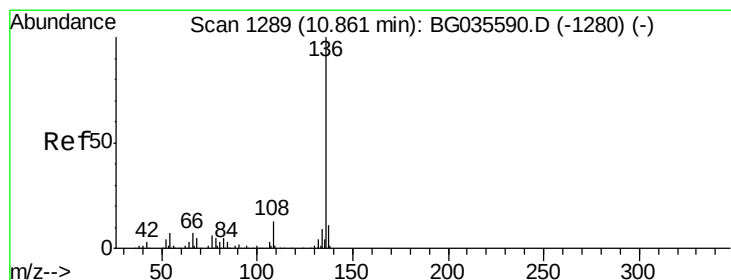
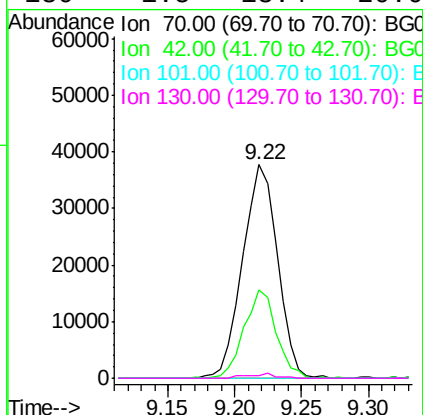




#19
n-Nitroso-di-n-propylamine
Concen: 16.262 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

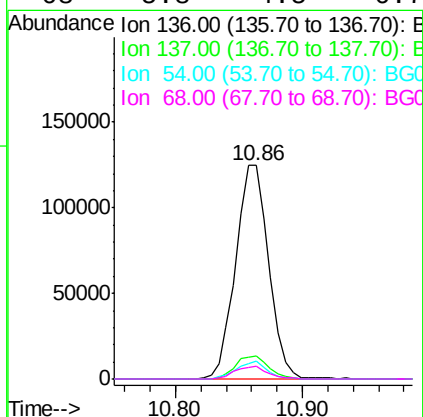
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5

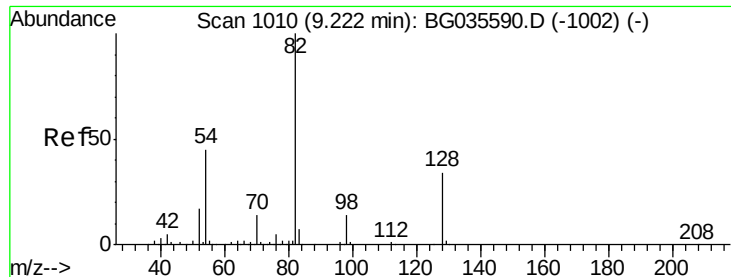
Tgt Ion: 70 Resp: 68197
Ion Ratio Lower Upper
70 100
42 41.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

Tgt Ion: 136 Resp: 224697
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.1 10.3 15.5#
68 5.8 4.5 6.7

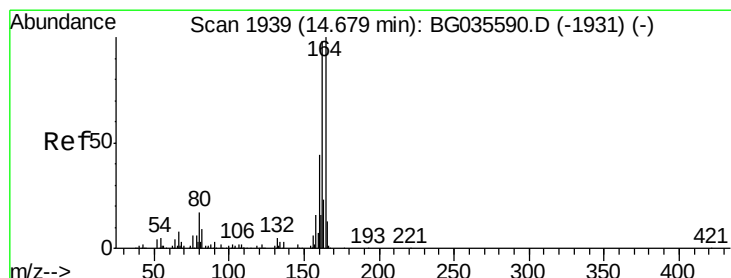
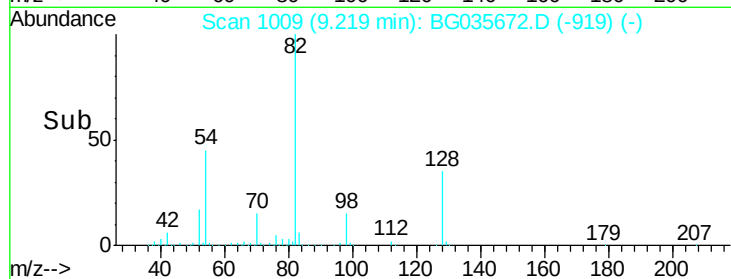
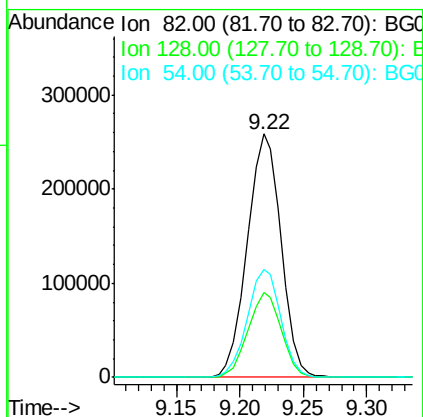
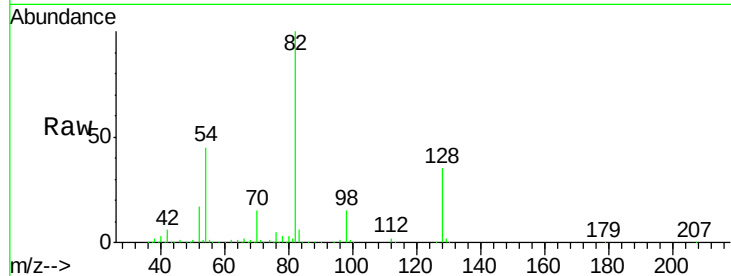




#23
Nitrobenzene-d5
Concen: 88.921 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

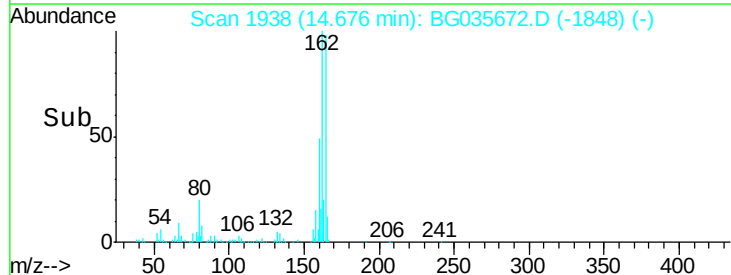
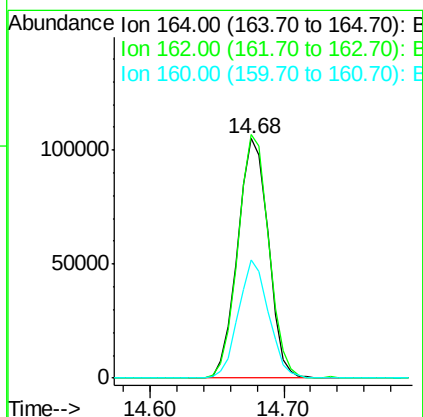
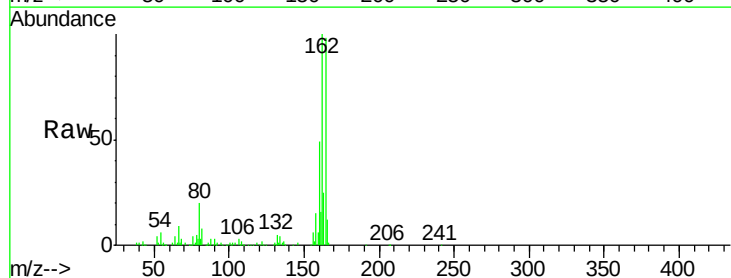
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5

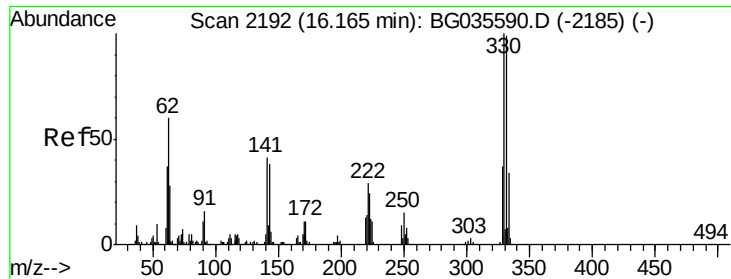
Tgt Ion: 82 Resp: 478286
Ion Ratio Lower Upper
82 100
128 35.0 29.7 44.5
54 44.5 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

Tgt Ion: 164 Resp: 167061
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 49.3 35.4 53.0

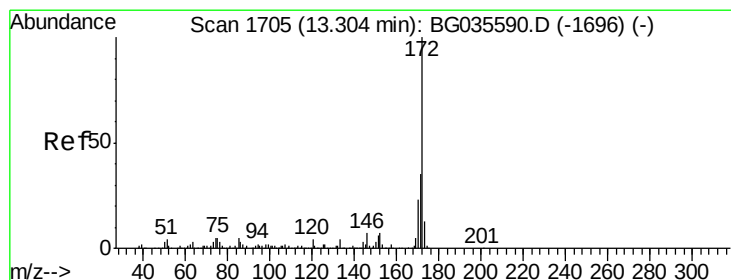
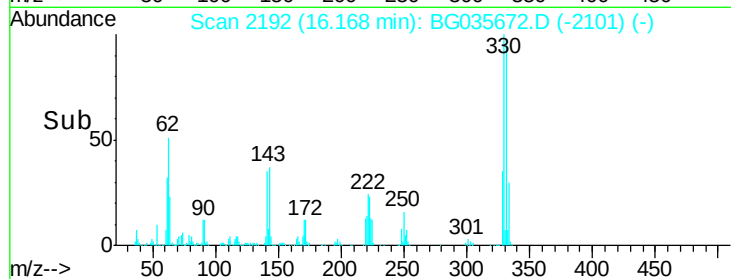
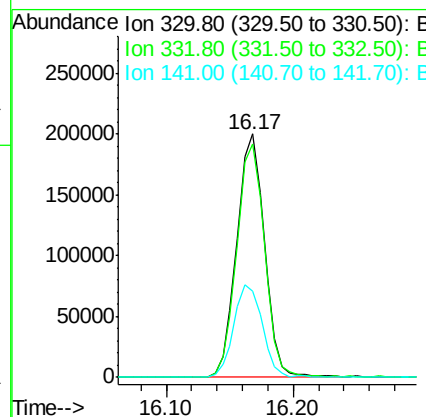
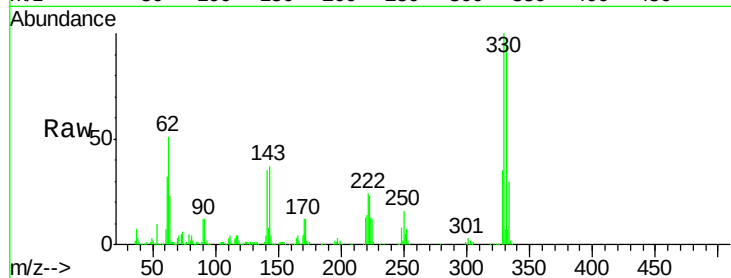




#41
 2,4,6-Tribromophenol
 Concen: 136.984 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035672.D
 Acq: 16 Jul 2018 16:38

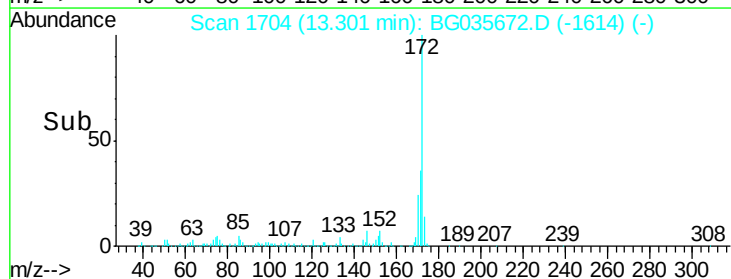
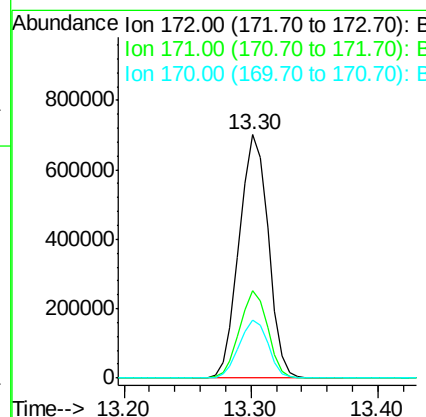
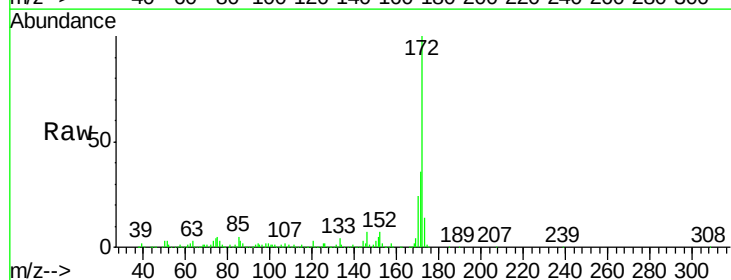
Instrument :
 BNA_G
 ClientSampleId :
 AOC7-BTM-6-6.5

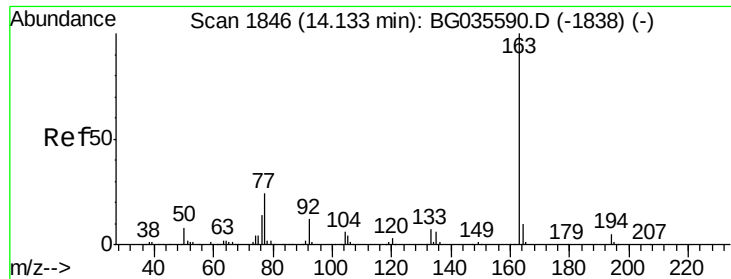
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	39.4	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 89.640 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035672.D
 Acq: 16 Jul 2018 16:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	23.7	19.5	29.3





#49

Dimethylphthalate

Concen: 10.660 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG035672.D

Acq: 16 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

AOC7-BTM-6-6.5

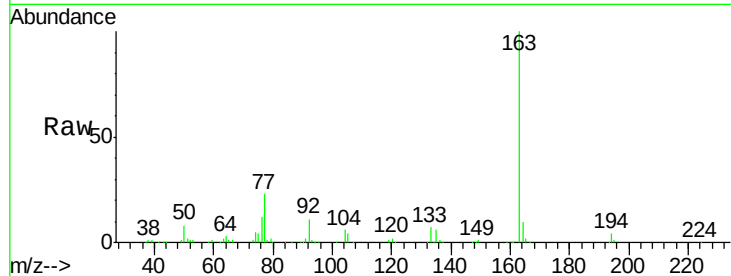
Tgt Ion:163 Resp: 156032

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

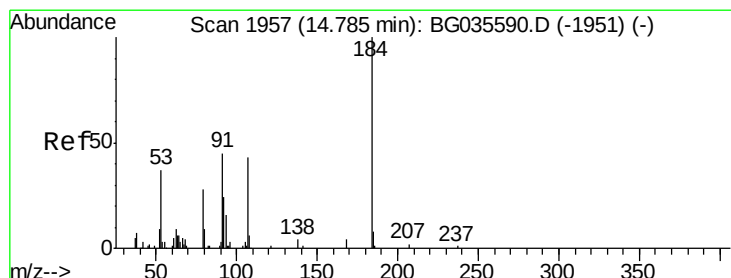
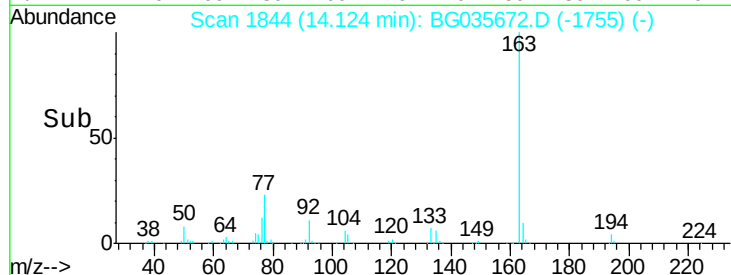
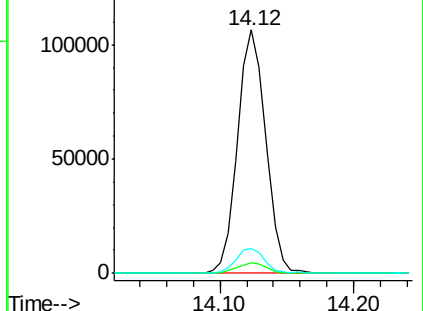
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 6.627 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.07 min

Lab File: BG035672.D

Acq: 16 Jul 2018 16:38

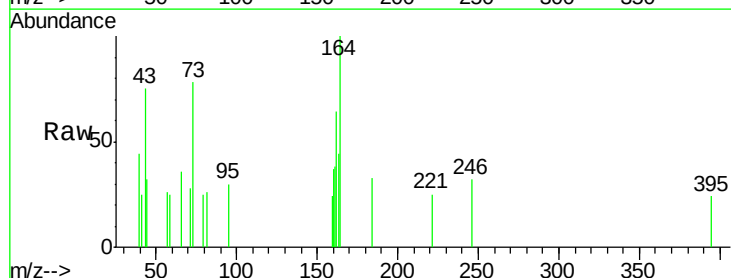
Tgt Ion:184 Resp: 74

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

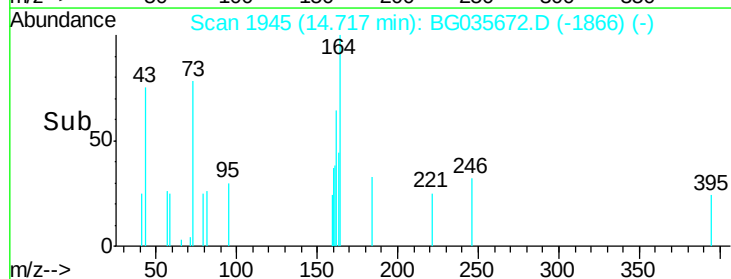
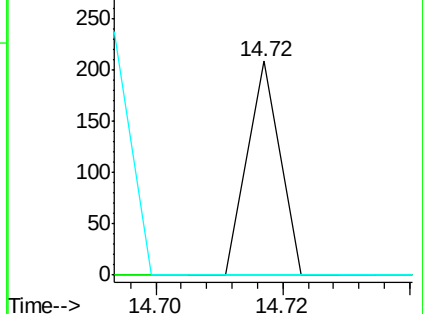
154 0.0 101.8 152.8#

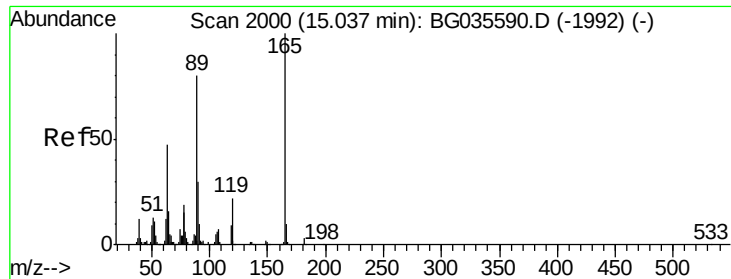


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

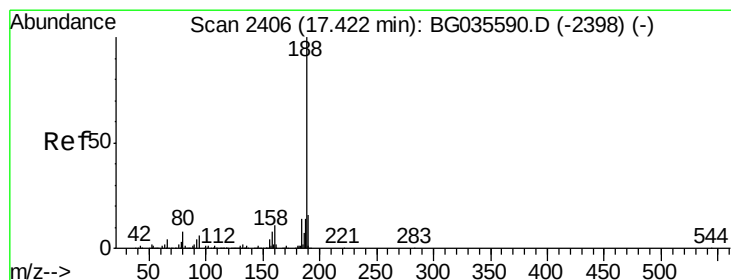
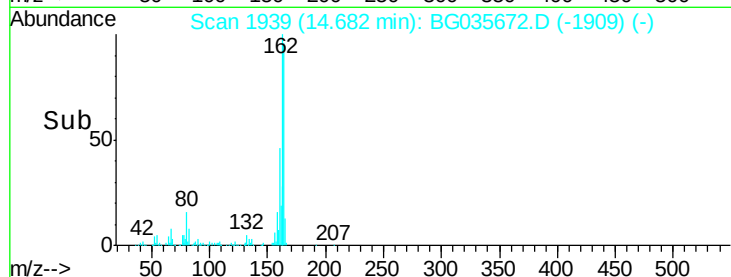
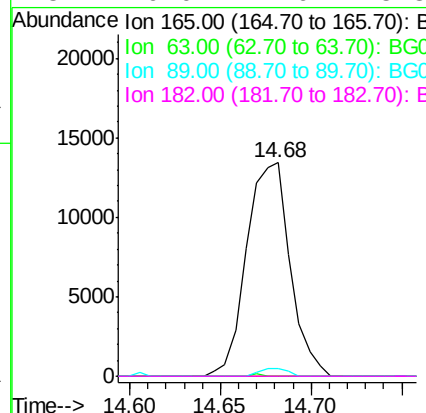
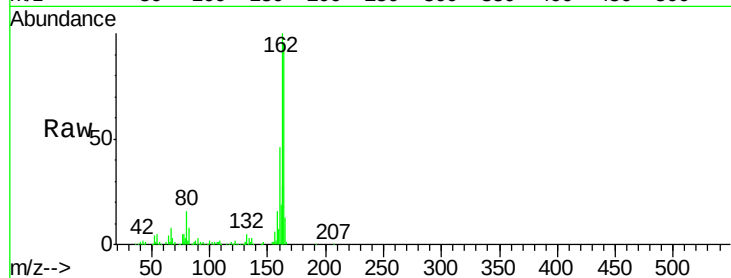




#56
2,4-Dinitrotoluene
Concen: 5.266 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

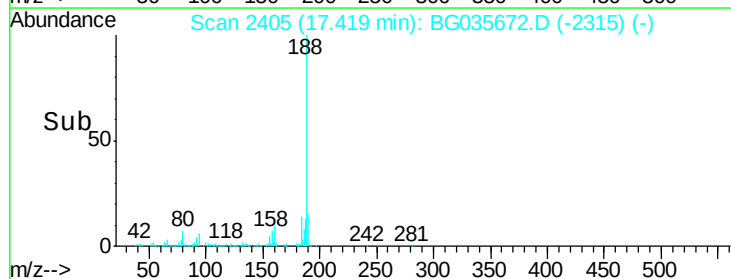
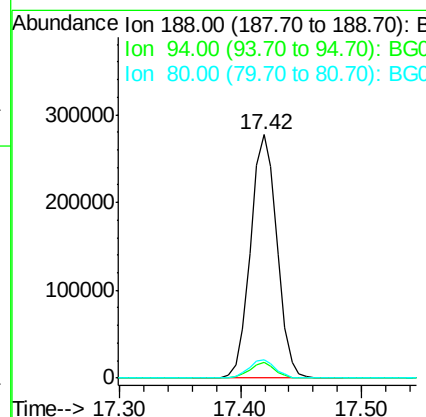
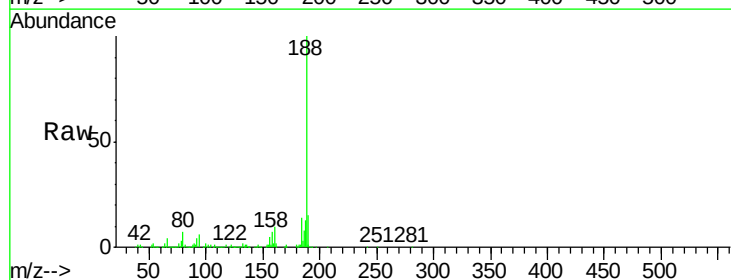
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5

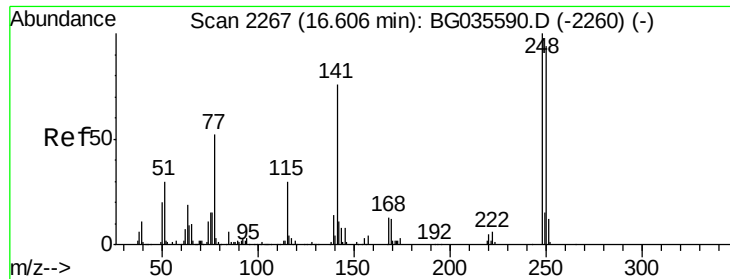
Tgt Ion:165 Resp: 22517
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 3.4 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

Tgt Ion:188 Resp: 424031
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.3 7.7 11.5#

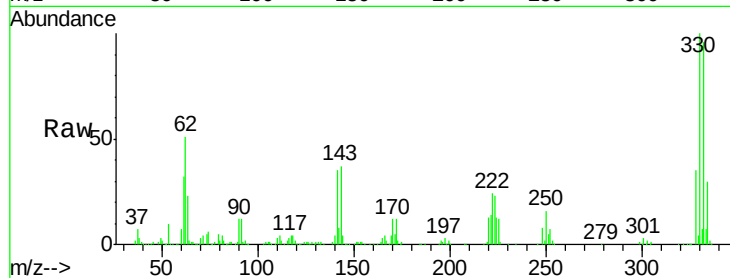




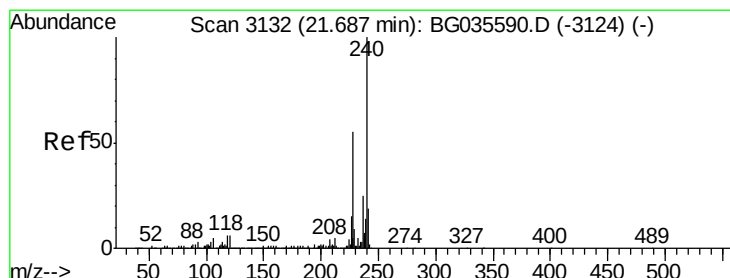
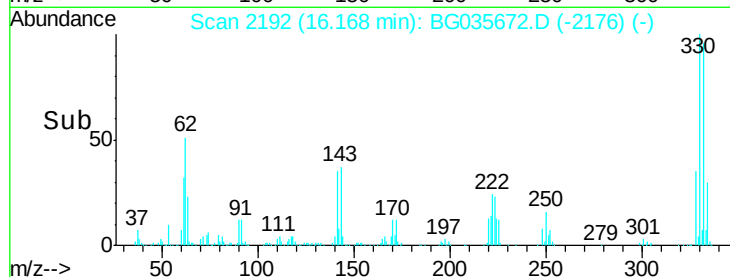
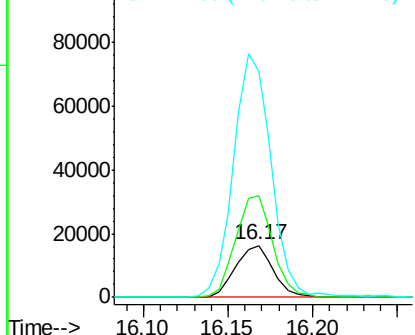
#66
4-Bromophenyl-phenylether
Concen: 5.131 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5

Tgt Ion:248 Resp: 25240
Ion Ratio Lower Upper
248 100
250 196.0 77.1 115.7#
141 435.8 50.8 76.2#

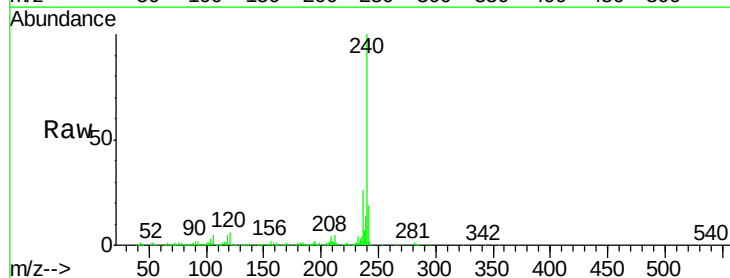


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

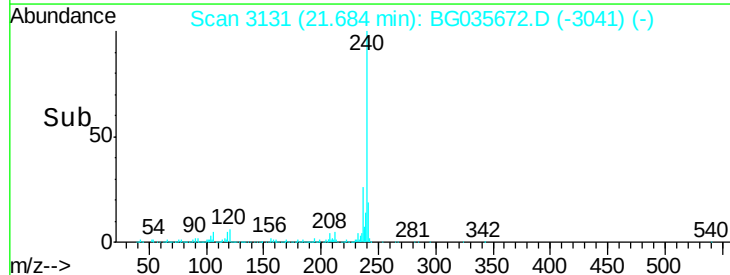
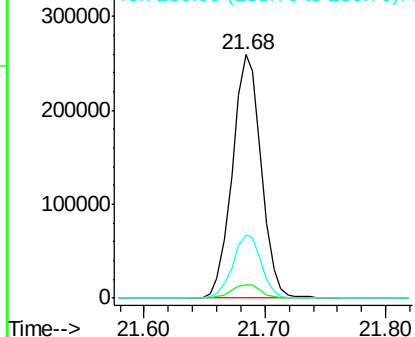


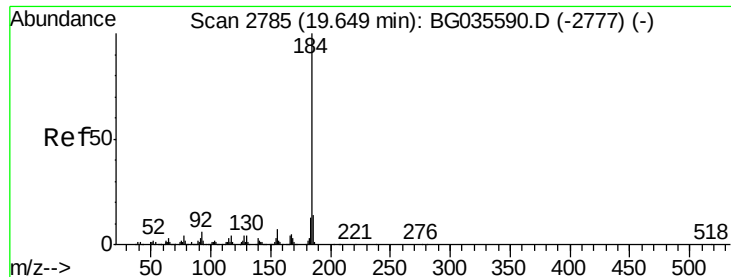
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

Tgt Ion:240 Resp: 429728
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 25.8 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: 2.782 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG035672.D

Acq: 16 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

AOC7-BTM-6-6.5

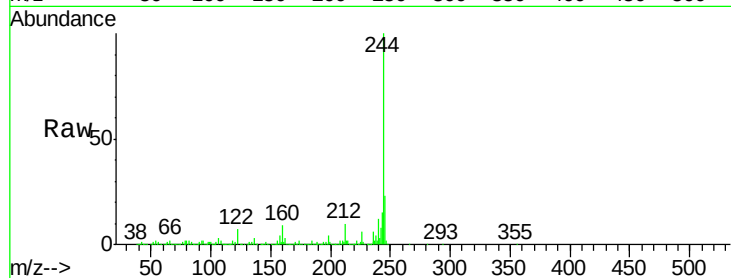
Tgt Ion:184 Resp: 31426

Ion Ratio Lower Upper

184 100

185 18.4 11.1 16.7#

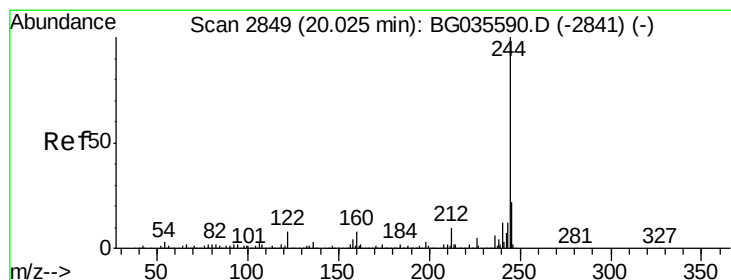
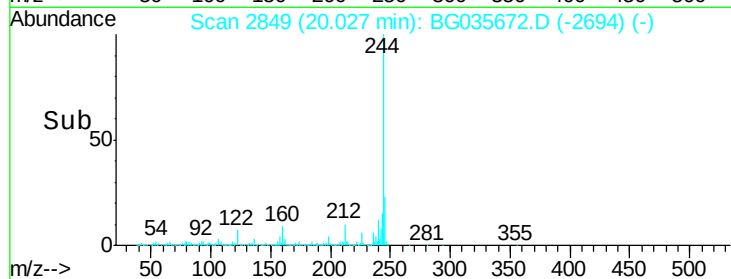
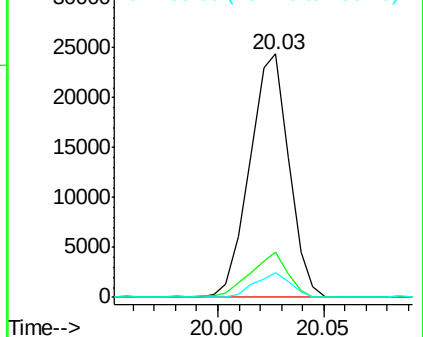
183 10.2 10.6 16.0#



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: 89.687 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035672.D

Acq: 16 Jul 2018 16:38

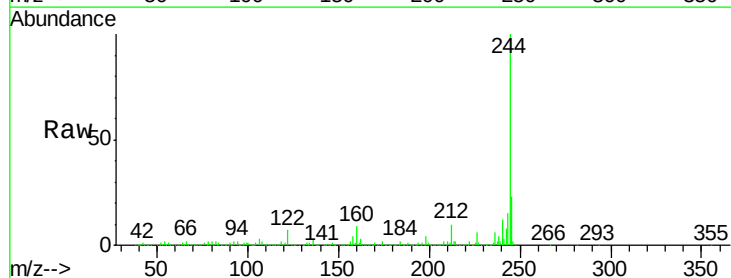
Tgt Ion:244 Resp: 1748449

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

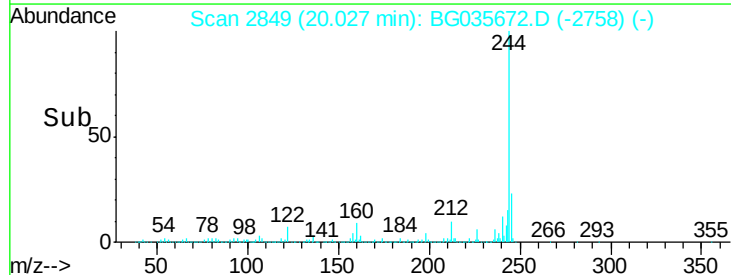
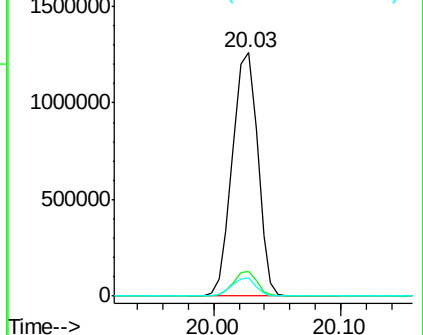
122 7.3 7.0 10.4

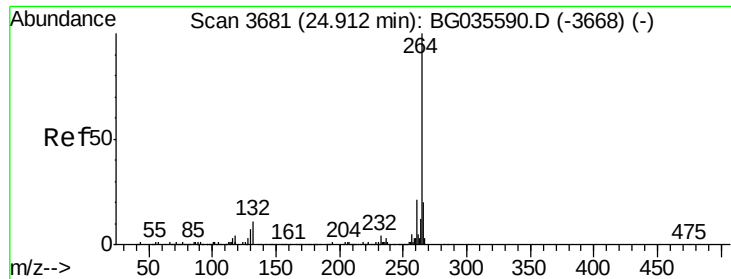


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

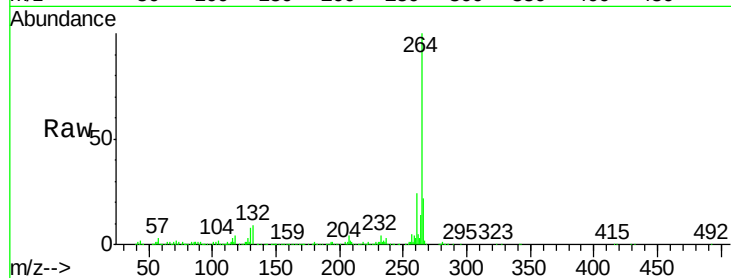




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BG035672.D
Acq: 16 Jul 2018 16:38

Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.8	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

