

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038259.D
 Acq On : 30 Nov 2018 16:03
 Operator : JU/SJ
 Sample : J5996-26
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC8-01R-A

Quant Time: Dec 01 03:29:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

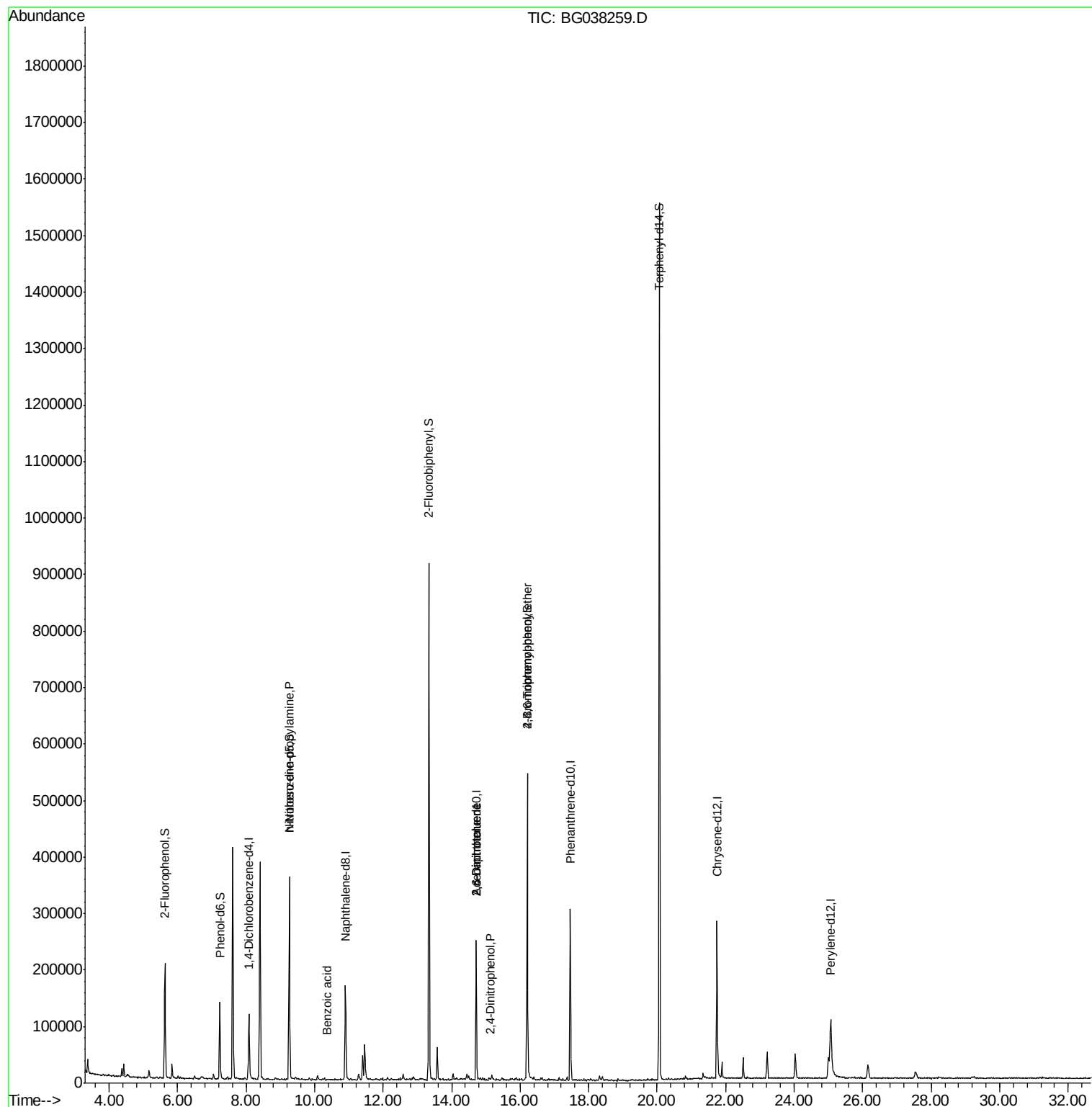
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	33365	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	143900	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	88325	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	197512	20.00	ng	0.00
76) Chrysene-d12	21.75	240	190038	20.00	ng	0.00
87) Perylene-d12	25.07	264	165561	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	93535	48.40	ng	0.00
7) Phenol-d6	7.23	99	83003	30.09	ng	0.00
23) Nitrobenzene-d5	9.26	82	224614	83.56	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	103399	102.65	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	486728	80.28	ng	0.00
79) Terphenyl-d14	20.07	244	769978	95.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	29677	14.869	ng	# 78
32) Benzoic acid	10.36	122	127	12.404	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	11162	7.043	ng	# 25
54) 2,4-Dinitrophenol	15.13	184	312	9.606	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	11162	5.177	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	7375	3.402	ng	# 1

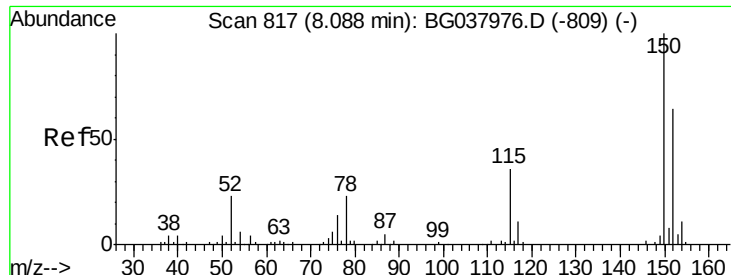
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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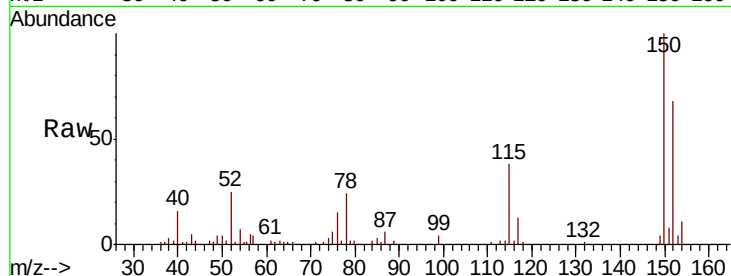


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038259.D
 Acq: 30 Nov 2018 16:03

Instrument :
 BNA_G
 ClientSampleId :
 AOC8-01R-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	126.0	189.0
115	56.3	45.5	68.3

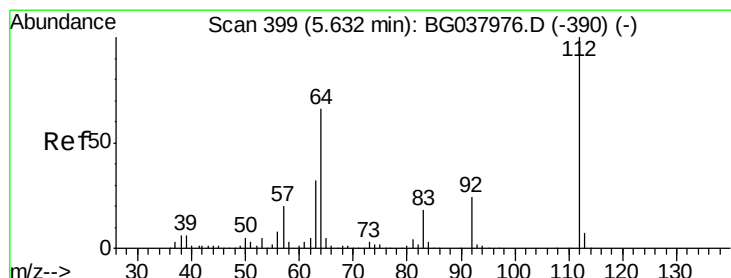
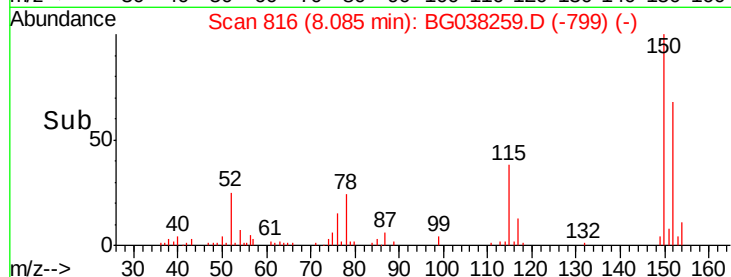
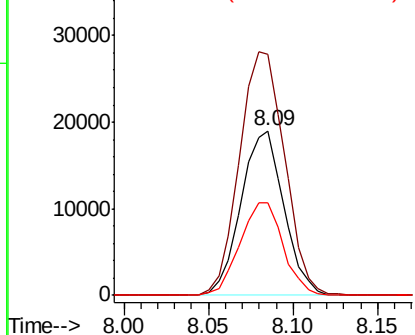


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

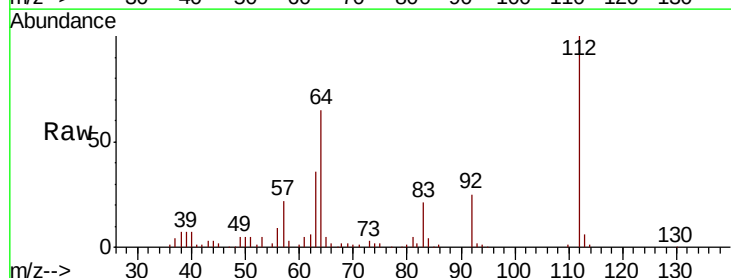
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 48.402 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038259.D
 Acq: 30 Nov 2018 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.1	79.7
63	36.0	27.3	40.9

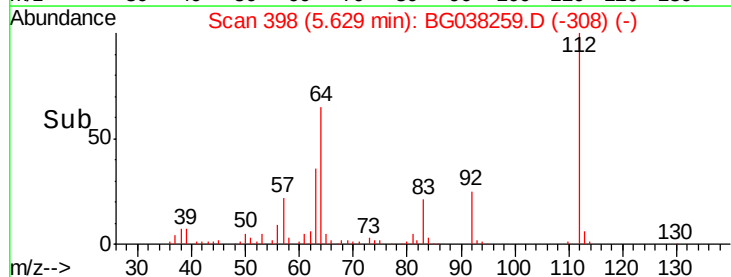
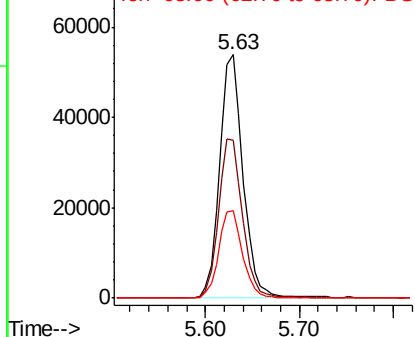


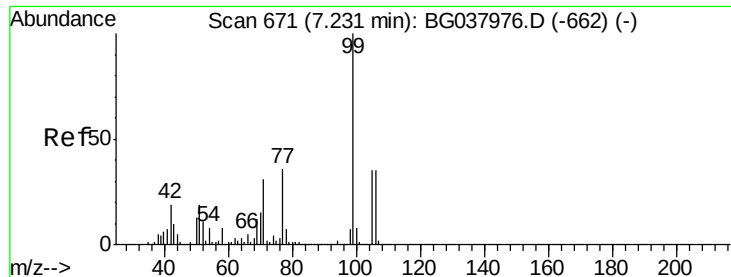
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 30.090 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

AOC8-01R-A

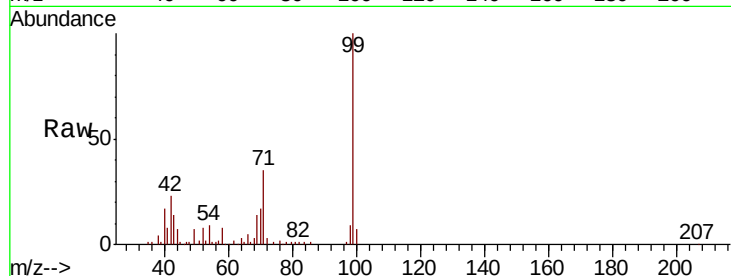
Tot Ion: 99 Resp: 83003

Ion Ratio Lower Upper

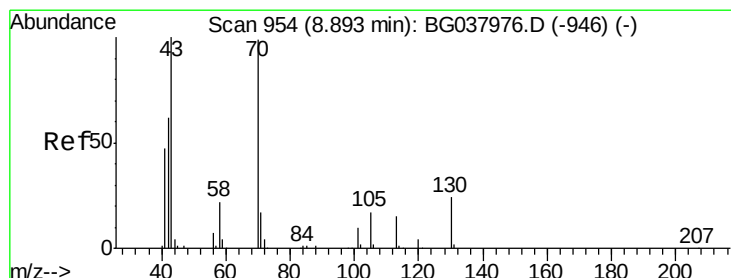
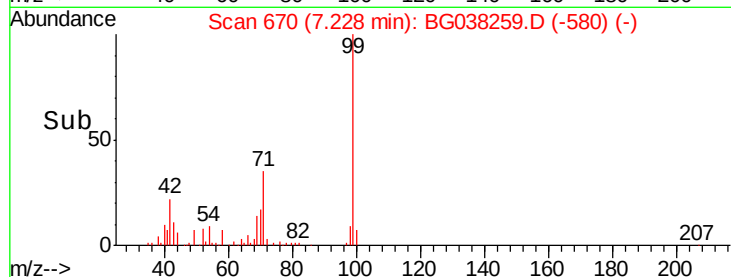
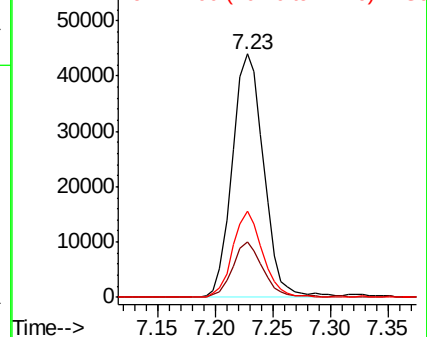
99 100

42 22.6 15.0 22.4#

71 35.5 25.5 38.3



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: 14.869 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.36 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

Tgt Ion: 70 Resp: 29677

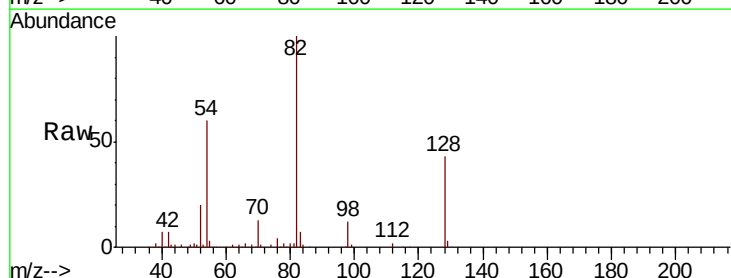
Ion Ratio Lower Upper

70 100

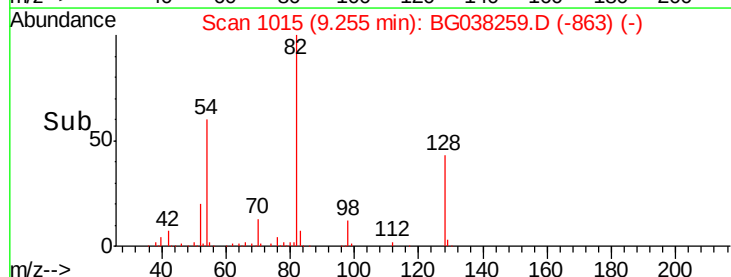
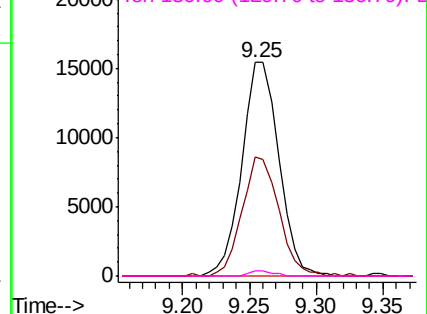
42 55.7 53.9 80.9

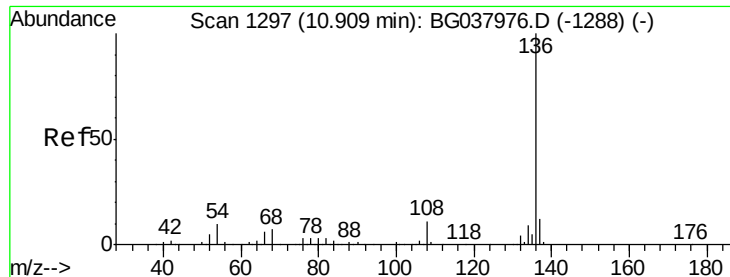
101 0.0 8.2 12.2#

130 2.2 18.2 27.4#



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

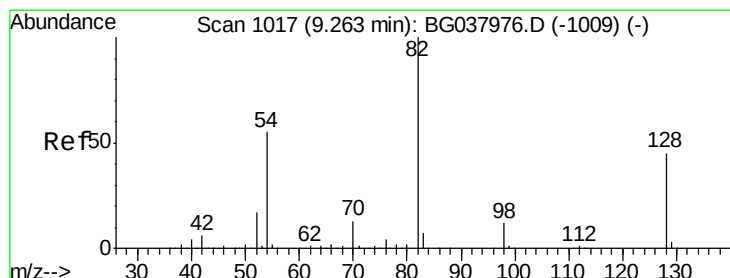
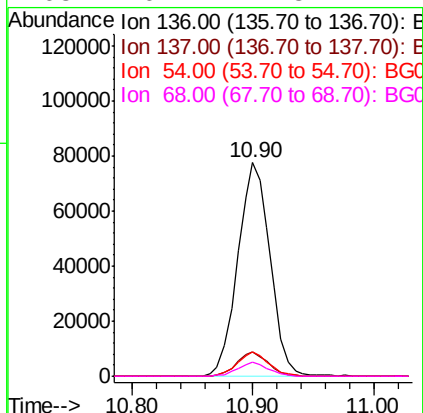
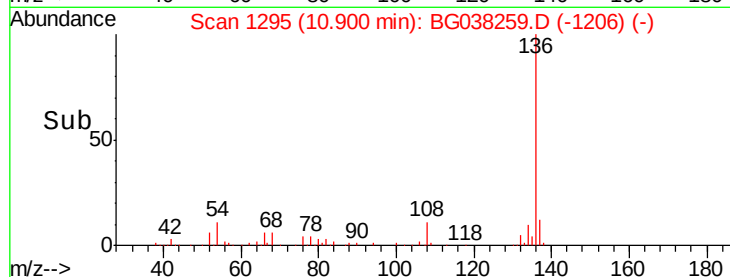
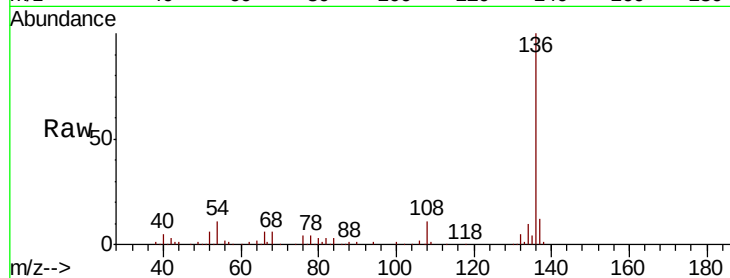




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038259.D
Acq: 30 Nov 2018 16:03

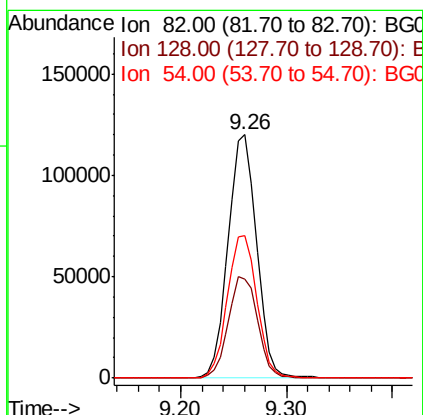
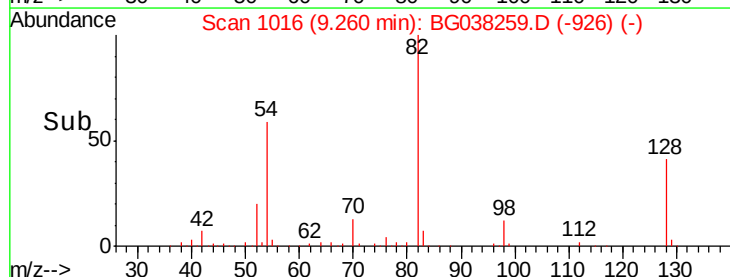
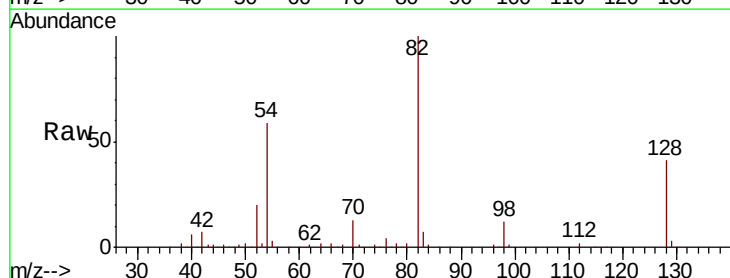
Instrument :
BNA_G
ClientSampleId :
AOC8-01R-A

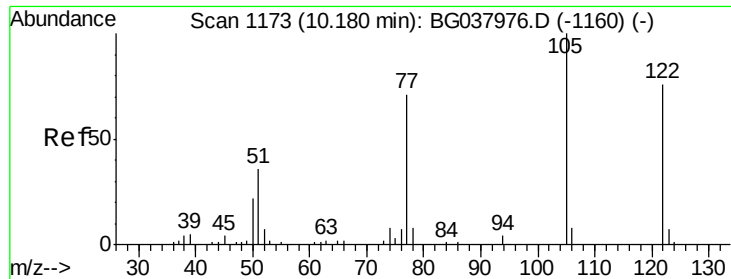
Tot Ion:136	Resp:	143900
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.6 14.4
54	11.2	7.9 11.9
68	6.4	4.8 7.2



#23
Nitrobenzene-d5
Concen: 83.556 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038259.D
Acq: 30 Nov 2018 16:03

Tgt Ion: 82	Resp:	224614
Ion Ratio	Lower	Upper
82	100	
128	40.8	34.6 51.8
54	58.8	45.3 67.9





#32

Benzoic acid

Concen: 12.404 ng

RT: 10.36 min Scan# 1203

Delta R.T. 0.18 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

AOC8-01R-A

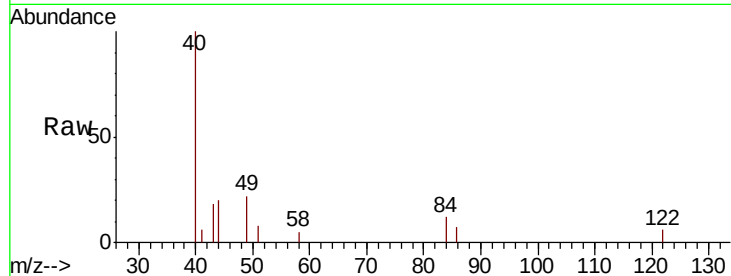
Tot Ion:122 Resp: 127

Ion Ratio Lower Upper

122 100

105 0.0 106.7 146.7#

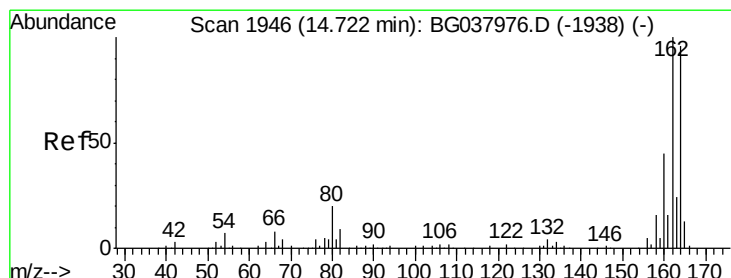
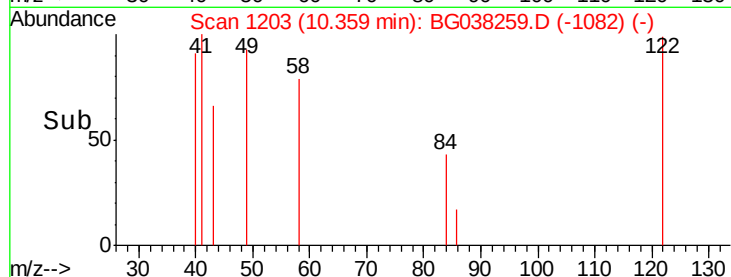
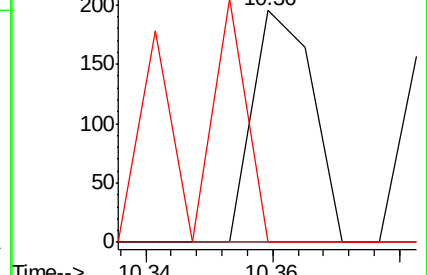
77 0.0 72.2 112.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

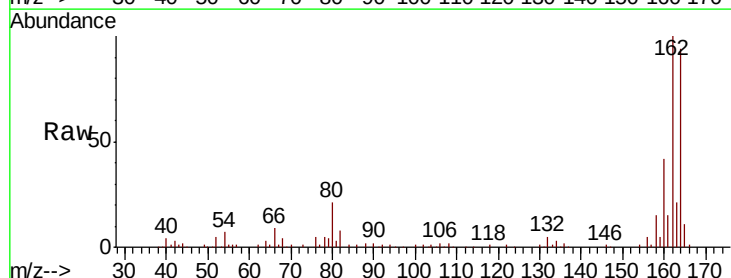
Tgt Ion:164 Resp: 88325

Ion Ratio Lower Upper

164 100

162 106.0 81.3 121.9

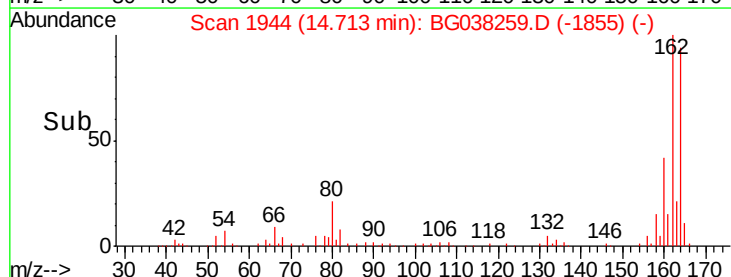
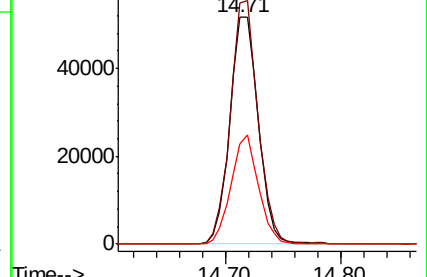
160 44.2 36.3 54.5

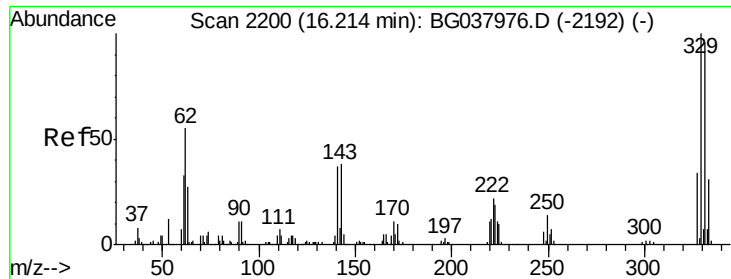


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 102.647 ng

RT: 16.21 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

AOC8-01R-A

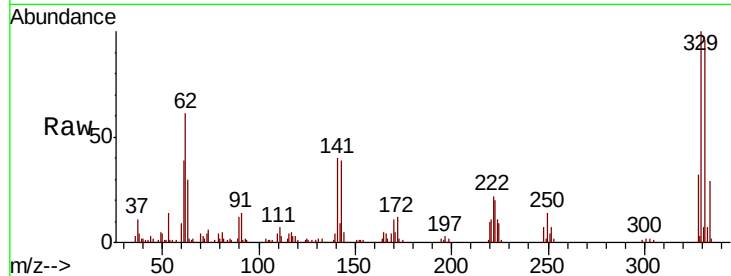
Tot Ion:330 Resp: 103399

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

141 41.7 32.2 48.2

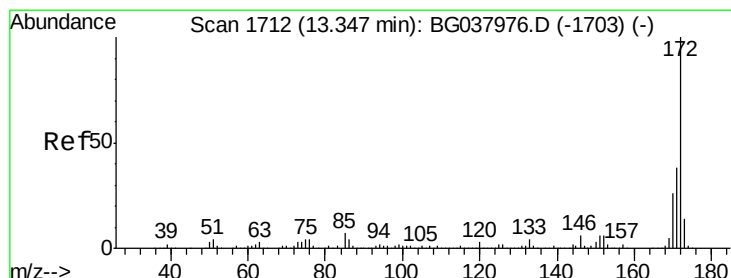
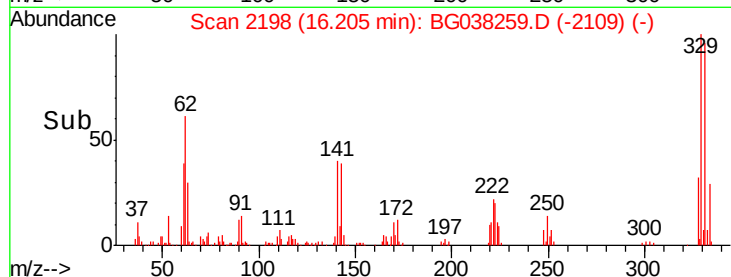
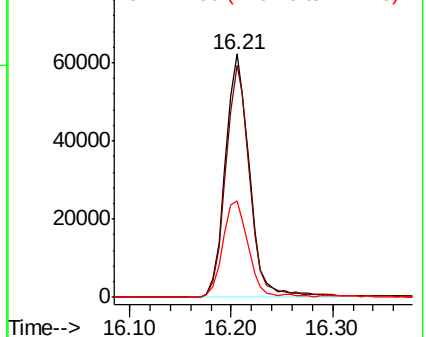


Abundance

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



#45

2-Fluorobiphenyl

Concen: 80.282 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

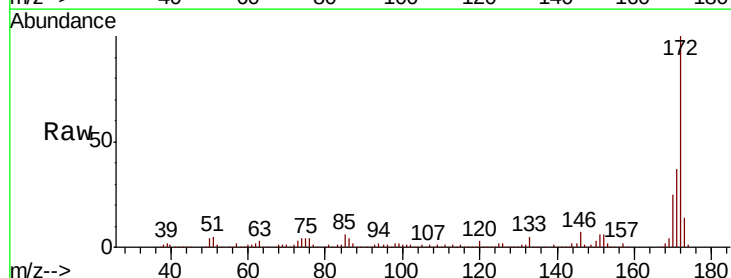
Tgt Ion:172 Resp: 486728

Ion Ratio Lower Upper

172 100

171 37.1 31.0 46.4

170 24.9 20.2 30.2

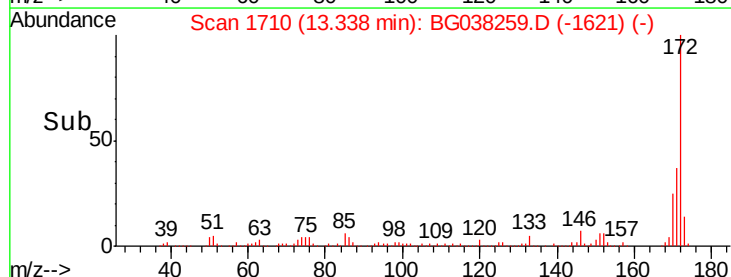
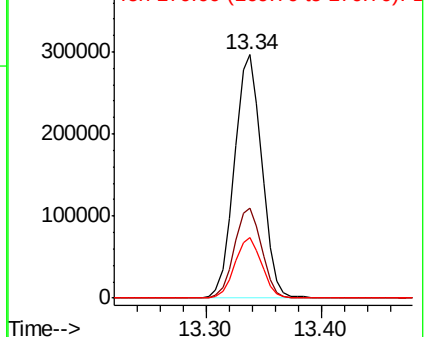


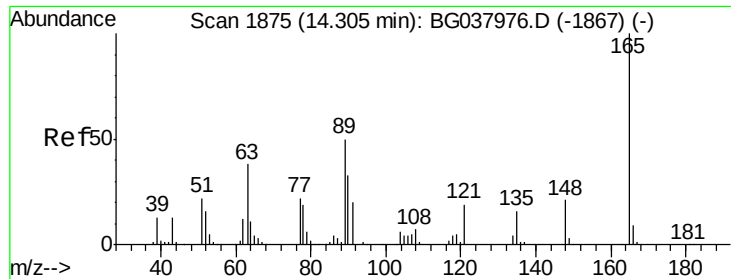
Abundance

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

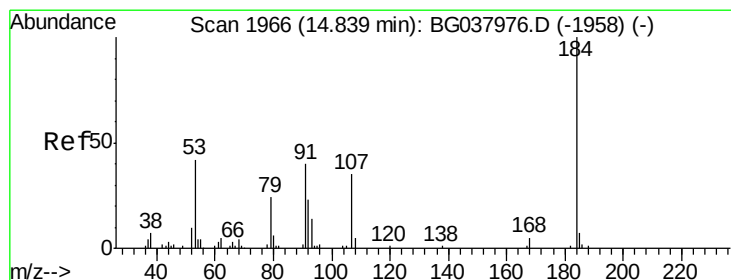
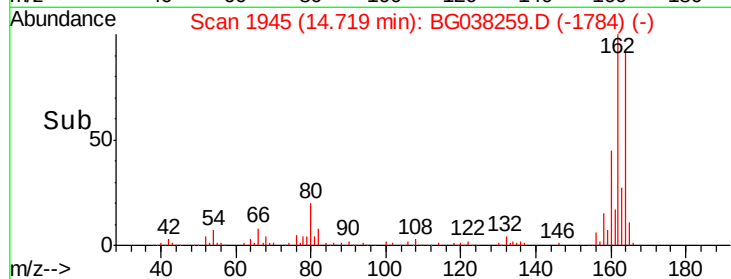
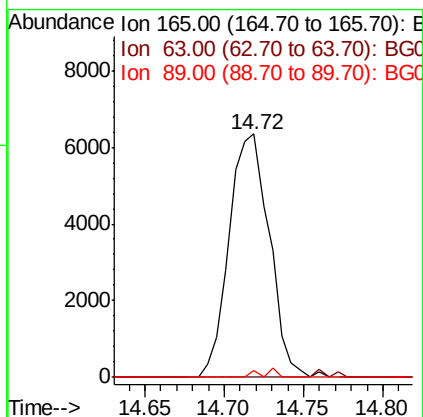
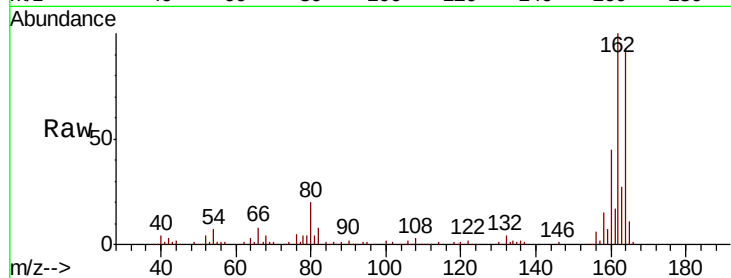




#51
 2,6-Dinitrotoluene
 Concen: 7.043 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038259.D
 Acq: 30 Nov 2018 16:03

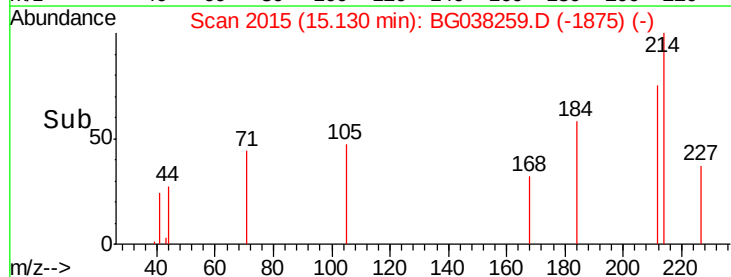
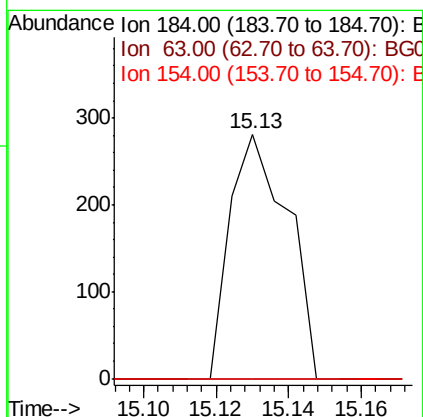
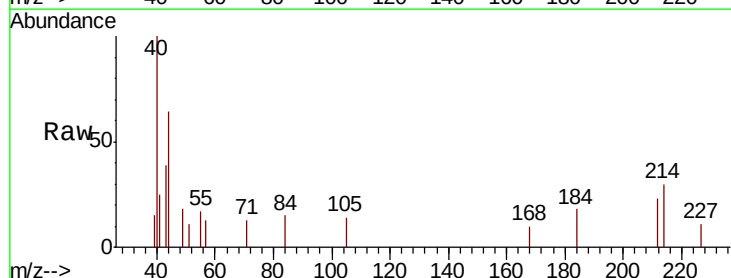
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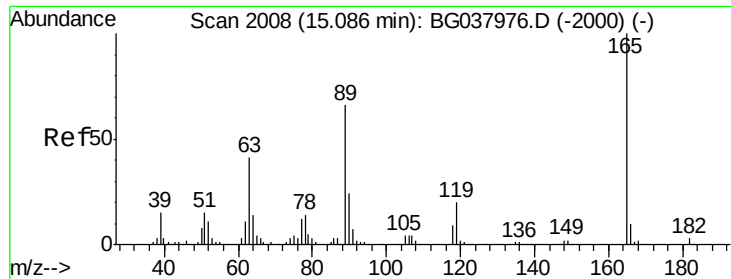
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	3.0	45.8	68.6#



#54
 2,4-Dinitrophenol
 Concen: 9.606 ng
 RT: 15.13 min Scan# 2015
 Delta R.T. 0.29 min
 Lab File: BG038259.D
 Acq: 30 Nov 2018 16:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	42.6	63.8#
154	0.0	41.8	62.6#

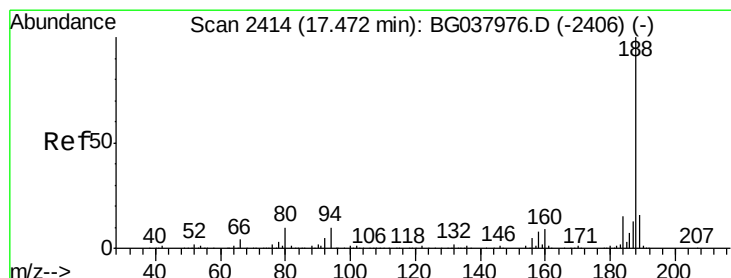
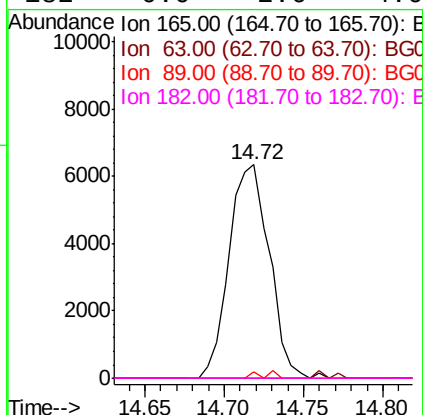
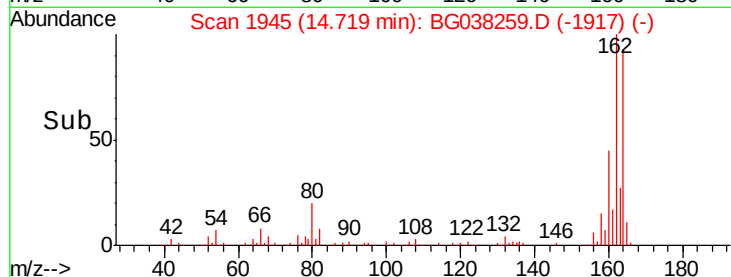
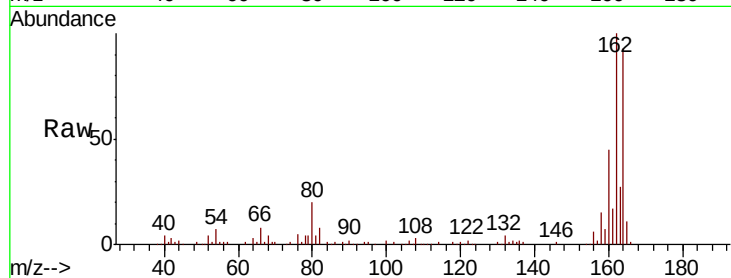




#57
 2,4-Dinitrotoluene
 Concen: 5.177 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038259.D
 Acq: 30 Nov 2018 16:03

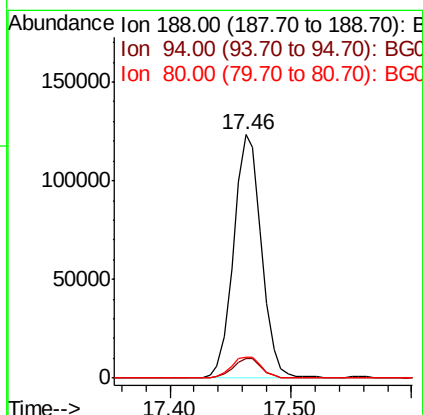
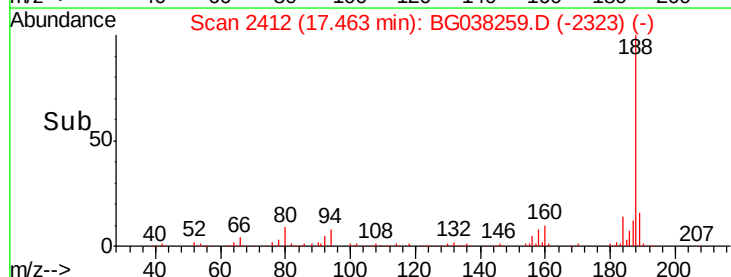
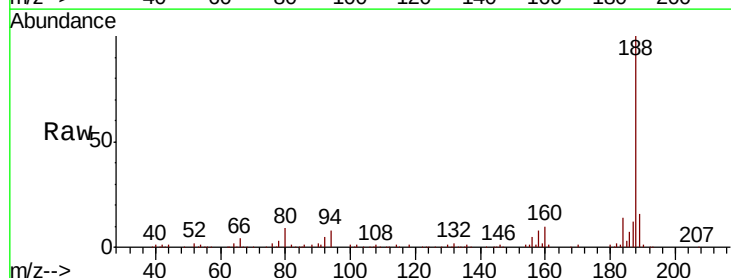
Instrument :
 BNA_G
 ClientSampleId :
 AOC8-01R-A

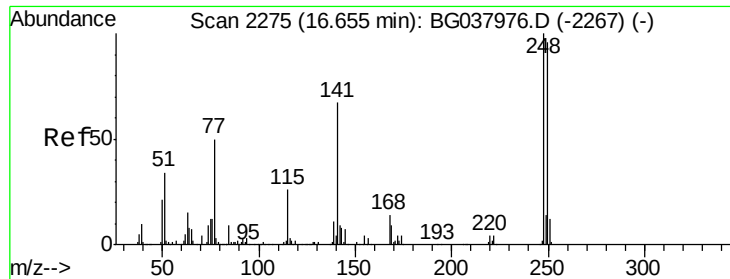
Tot Ion:165	Resp:	11162
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	3.0	57.2 85.8#
182	0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038259.D
 Acq: 30 Nov 2018 16:03

Tgt Ion:188	Resp:	197512
Ion Ratio	Lower	Upper
188	100	
94	7.9	7.2 10.8
80	8.6	7.7 11.5

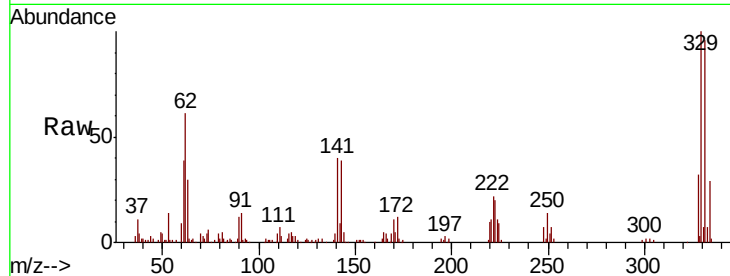




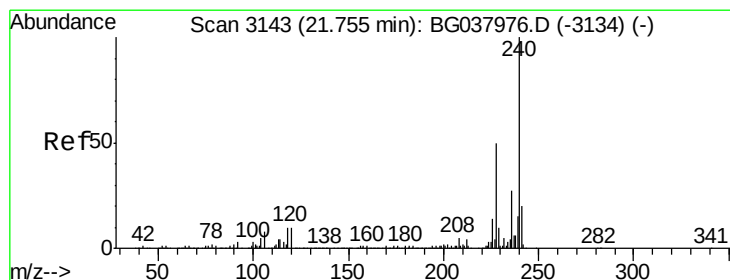
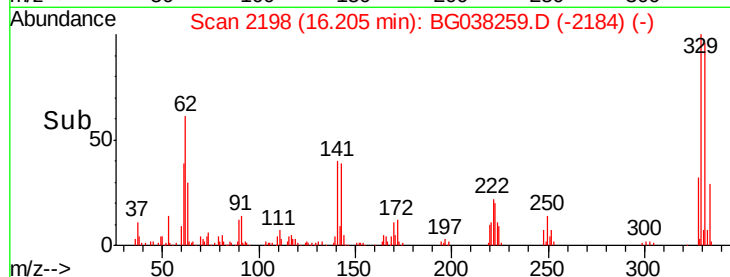
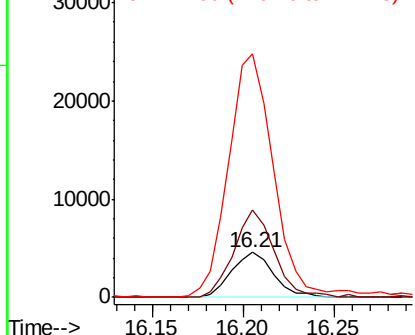
#67
4-Bromophenyl-phenylether
Concen: 3.402 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038259.D
Acq: 30 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
AOC8-01R-A

Tot Ion:248 Resp: 7375
Ion Ratio Lower Upper
248 100
250 189.8 77.0 115.6#
141 412.4 55.5 83.3#

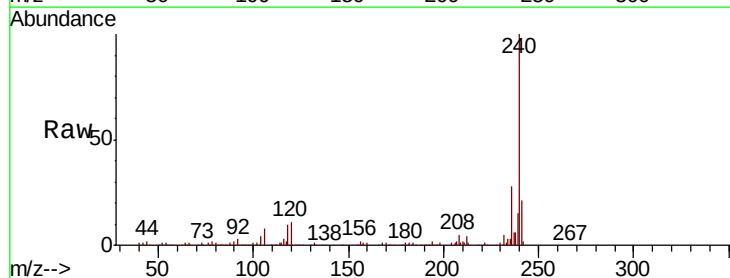


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

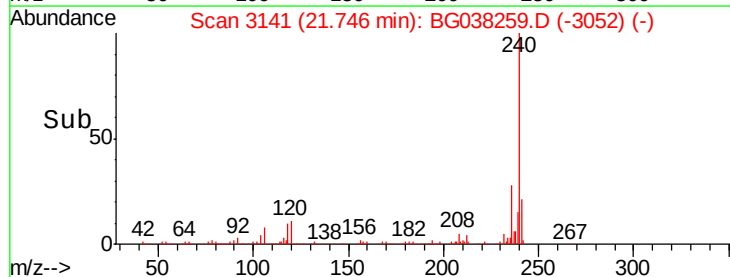
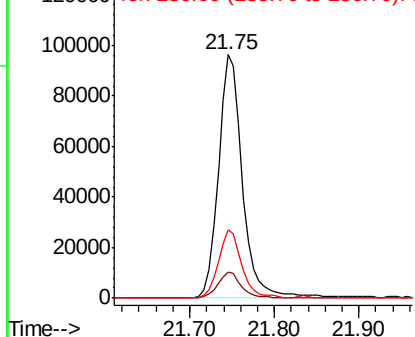


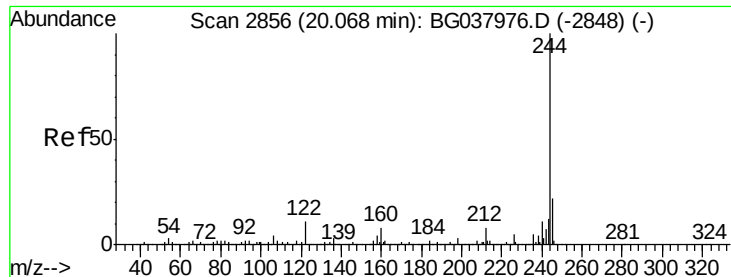
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038259.D
Acq: 30 Nov 2018 16:03

Tgt Ion:240 Resp: 190038
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.9 21.4 32.0



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





#79

Terphenyl-d14

Concen: 95.337 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

AOC8-01R-A

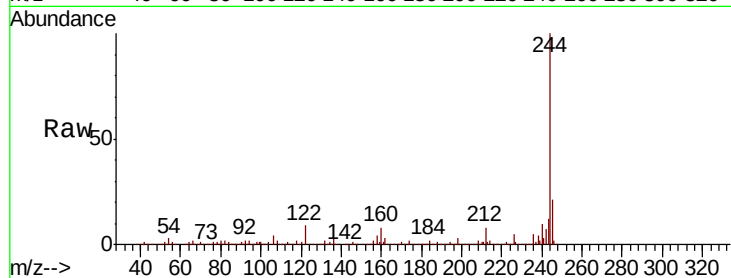
Tot Ion:244 Resp: 769978

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

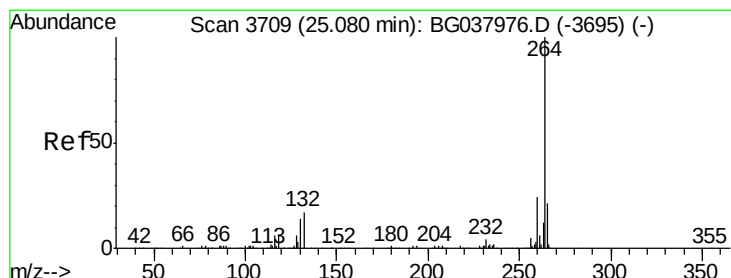
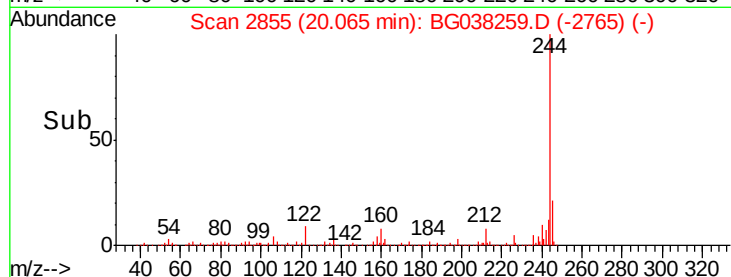
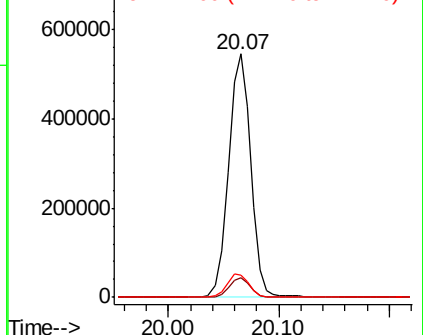
122 9.3 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

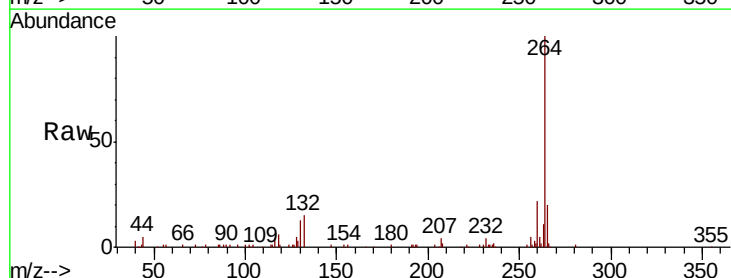
Tgt Ion:264 Resp: 165561

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 20.5 17.9 26.9



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

