

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045751.D
 Acq On : 12 Jun 2020 22:05
 Operator : CG/JU
 Sample : L2993-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC50MW002-200610

Quant Time: Jun 12 23:50:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	55100	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	225413	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	154191	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	347239	20.00	ng	0.00
76) Chrysene-d12	21.60	240	325990	20.00	ng	0.00
87) Perylene-d12	24.75	264	327276	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	130446	46.27	ng	0.02
7) Phenol-d6	7.18	99	114861	28.62	ng	0.03
23) Nitrobenzene-d5	9.11	82	382594	92.56	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	263577	133.66	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	871793	95.90	ng	0.00
79) Terphenyl-d14	19.96	244	1409616	100.85	ng	0.00

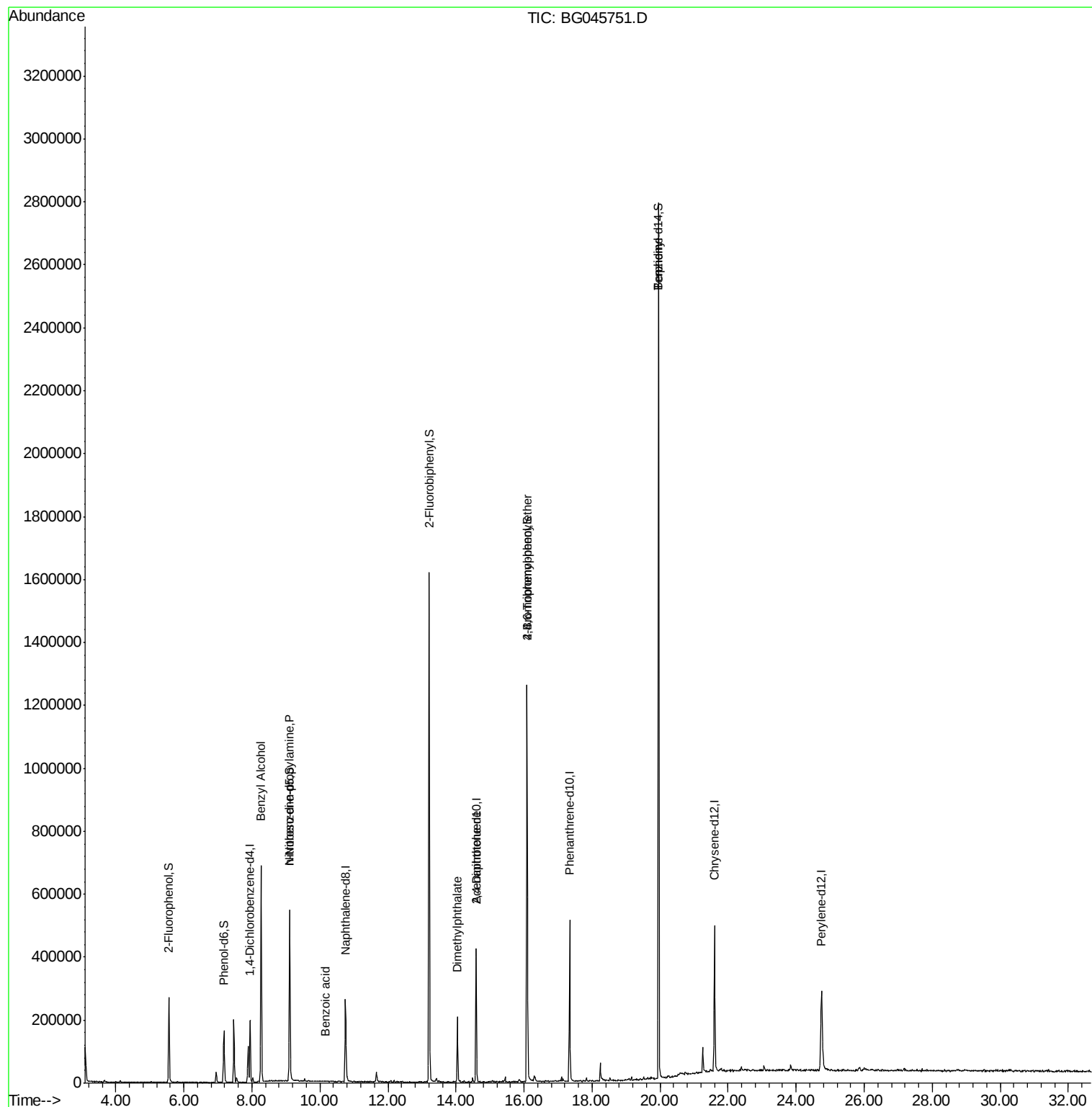
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.27	79	6846	2.065	ng	# 50
19) n-Nitroso-di-n-propylamine	9.11	70	52486	18.914	ng	# 86
32) Benzoic acid	10.15	122	83	10.057	ng	# 60
50) Dimethylphthalate	14.04	163	141788	13.405	ng	# 99
57) 2,4-Dinitrotoluene	14.59	165	20759	6.005	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	18045	4.799	ng	# 1
77) Benzidine	19.96	184	25802	2.818	ng	# 90

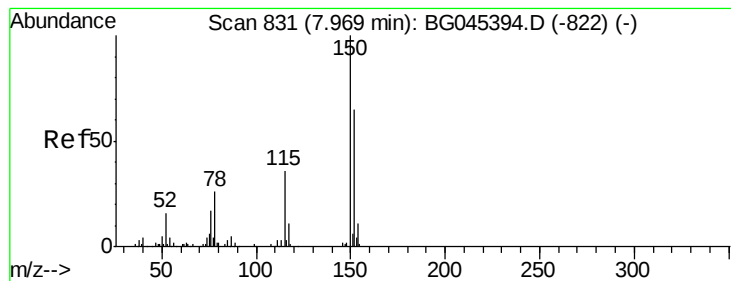
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
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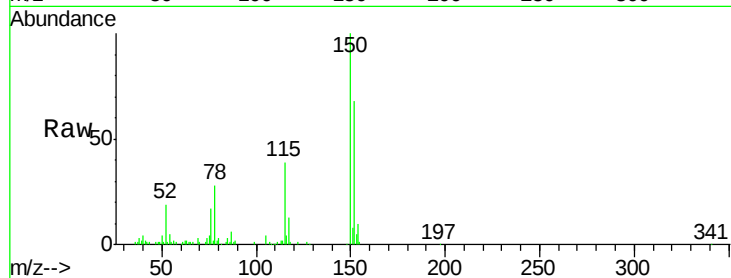


#1

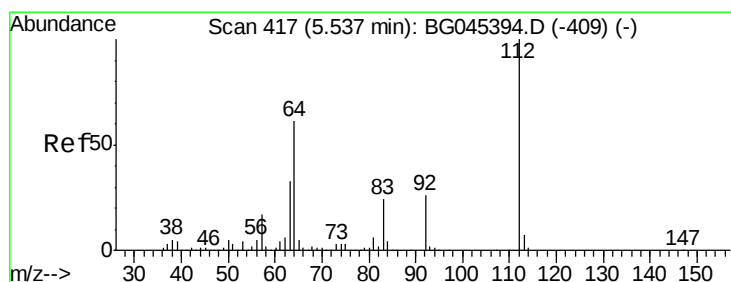
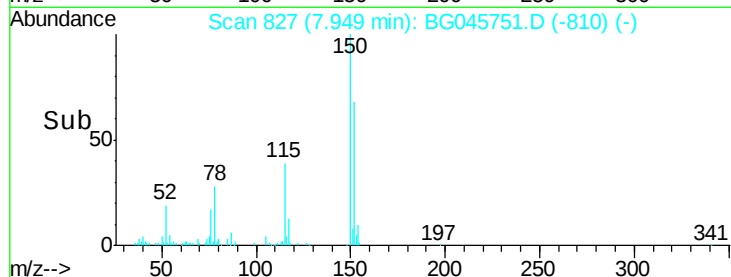
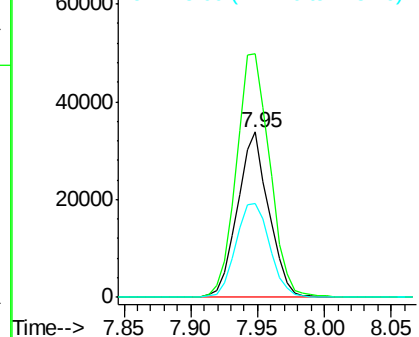
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045751.D
Acq: 12 Jun 2020 22:05

Instrument :
BNA_G
ClientSampleId :
AOC50MW002-200610

Tot Ion:152 Resp: 55100
Ion Ratio Lower Upper
152 100
150 147.6 122.4 183.6
115 57.2 44.2 66.4



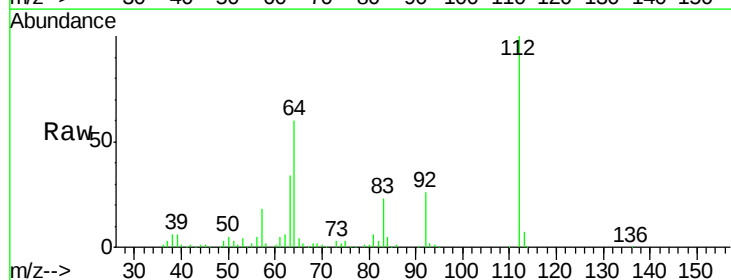
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



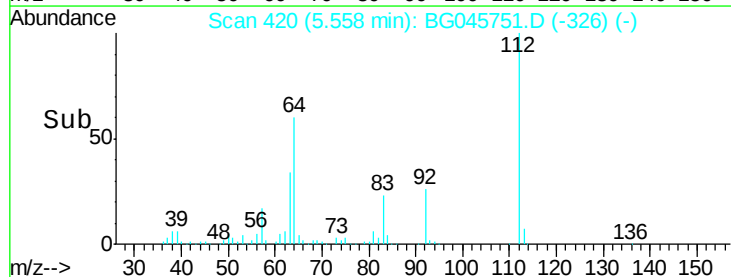
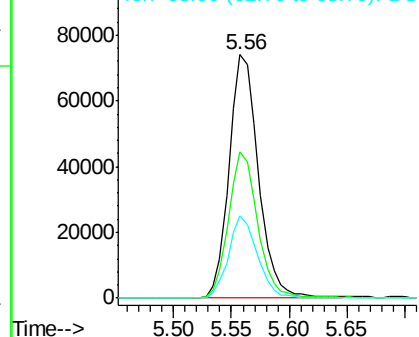
#5

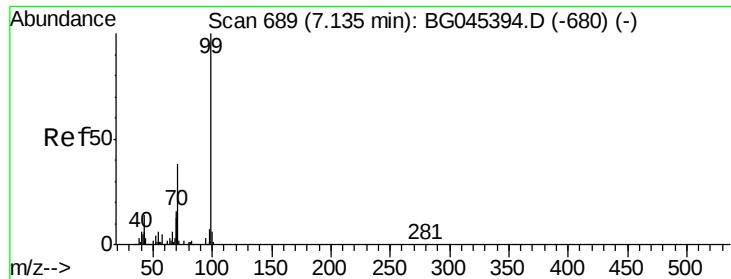
2-Fluorophenol
Concen: 46.267 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.02 min
Lab File: BG045751.D
Acq: 12 Jun 2020 22:05

Tgt Ion:112 Resp: 130446
Ion Ratio Lower Upper
112 100
64 60.0 48.6 72.8
63 33.8 26.5 39.7



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: 28.623 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.03 min

Lab File: BG045751.D

Acq: 12 Jun 2020 22:05

Instrument :

BNA_G

ClientSampleId :

AOC50MW002-200610

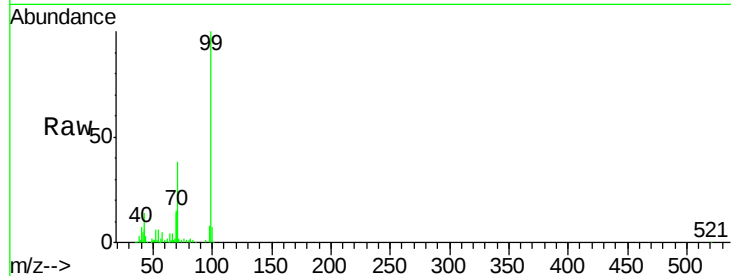
Tot Ion: 99 Resp: 114861

Ion Ratio Lower Upper

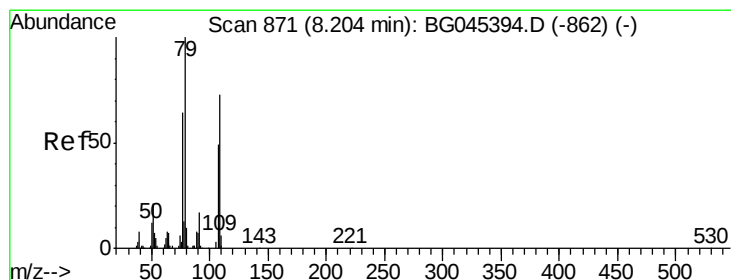
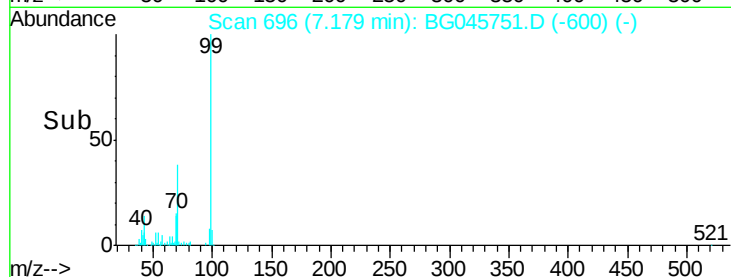
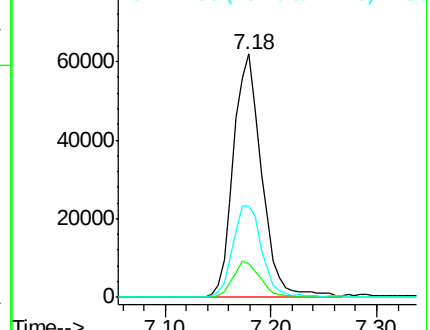
99 100

42 13.6 11.3 16.9

71 37.6 30.8 46.2



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



#15

Benzyl Alcohol

Concen: 2.065 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045751.D

Acq: 12 Jun 2020 22:05

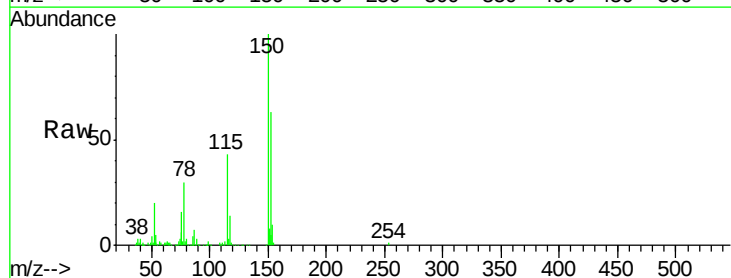
Tgt Ion: 79 Resp: 6846

Ion Ratio Lower Upper

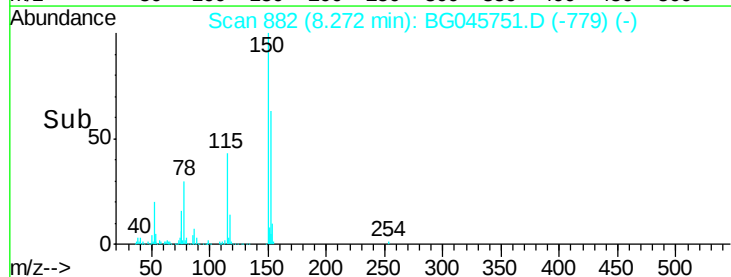
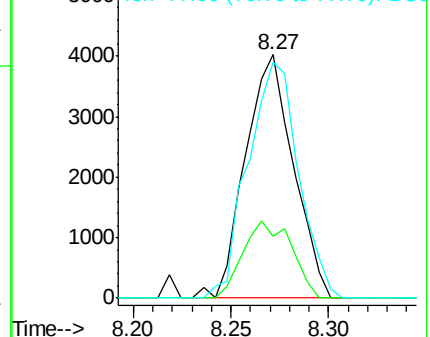
79 100

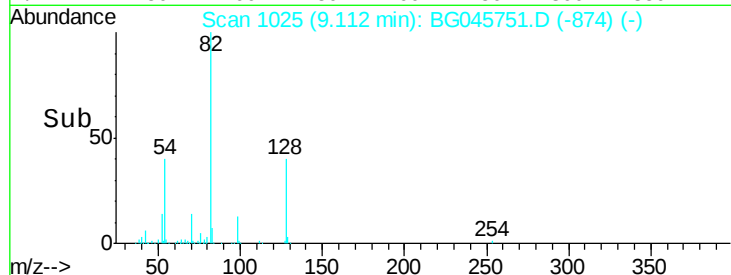
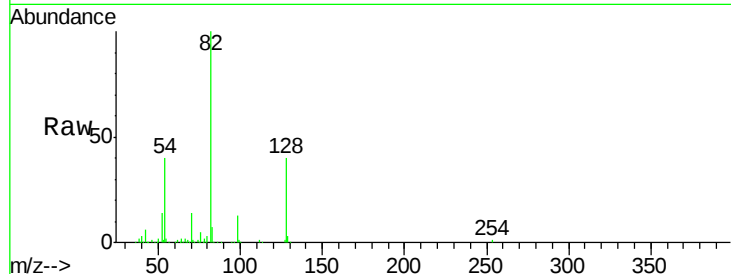
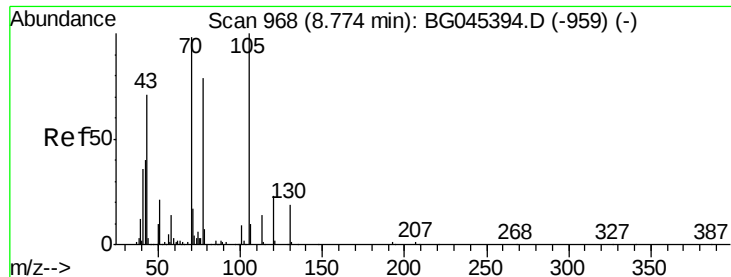
108 25.5 58.2 87.4#

77 96.9 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

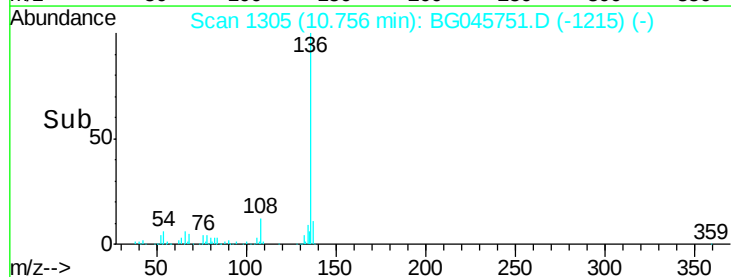
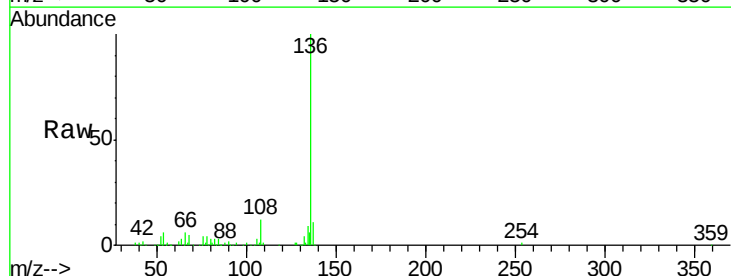
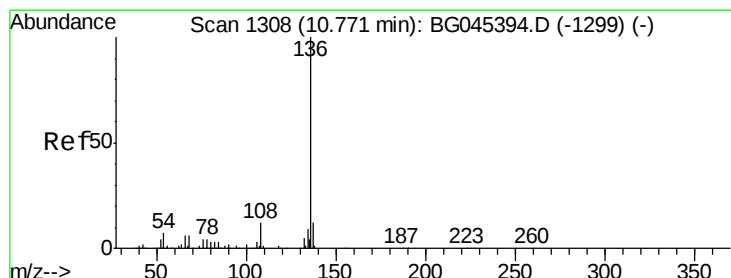
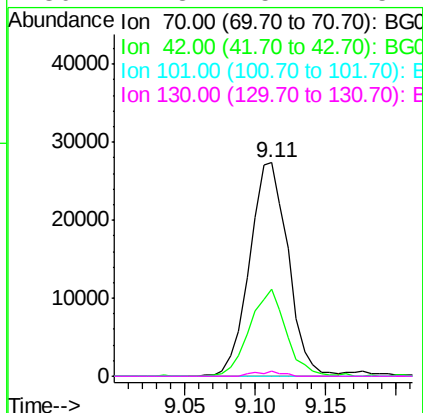




#19
n-Nitroso-di-n-propylamine
Concen: 18.914 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BG045751.D
Acq: 12 Jun 2020 22:05

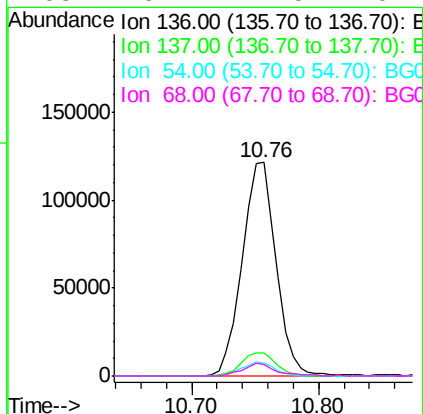
Instrument :
BNA_G
ClientSampleId :
AOC50MW002-200610

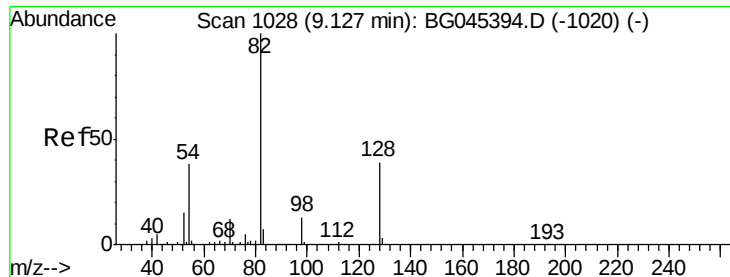
Tot Ion:	70	Resp:	52486
Ion	Ratio	Lower	Upper
70	100		
42	40.9	33.2	49.8
101	0.0	7.8	11.6#
130	2.3	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045751.D
Acq: 12 Jun 2020 22:05

Tgt Ion:	136	Resp:	225413
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.2
54	6.0	5.8	8.6
68	5.2	4.5	6.7

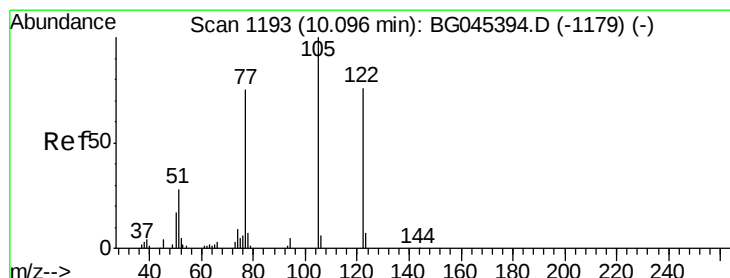
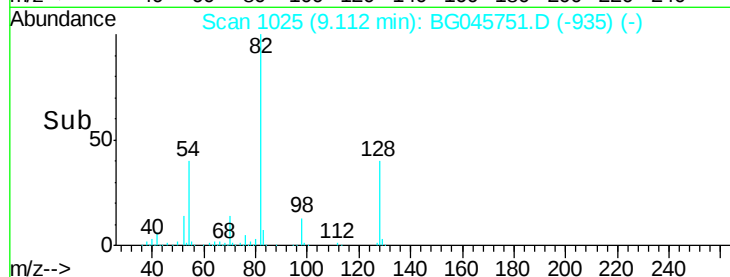
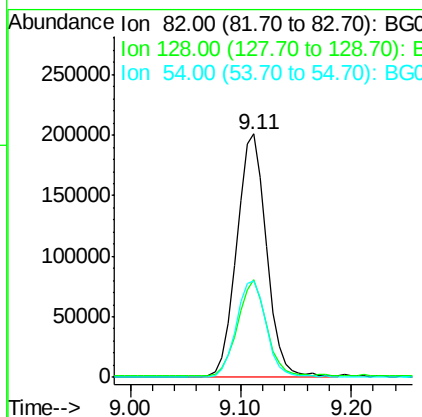
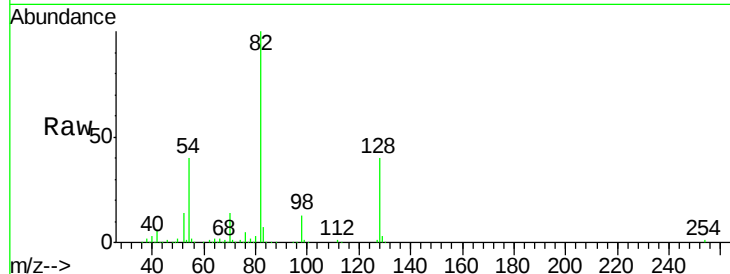




#23
Nitrobenzene-d5
Concen: 92.557 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045751.D
Acq: 12 Jun 2020 22:05

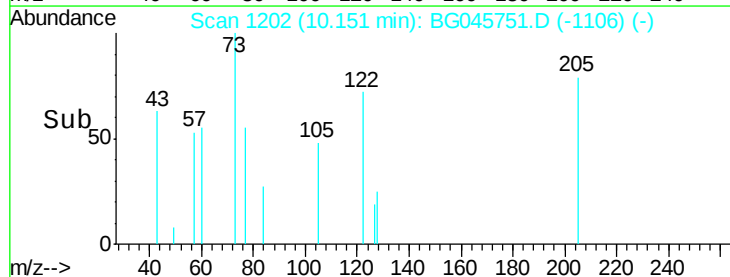
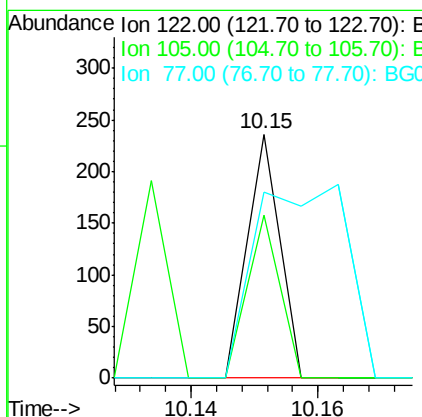
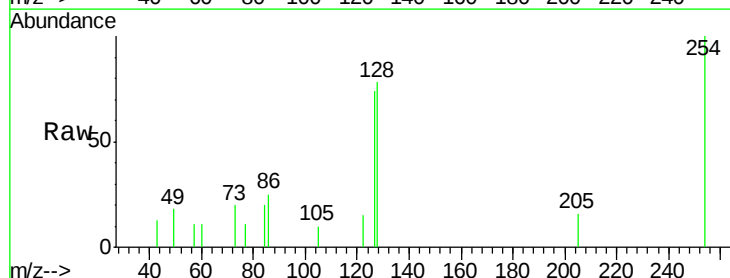
Instrument :
BNA_G
ClientSampleId :
AOC50MW002-200610

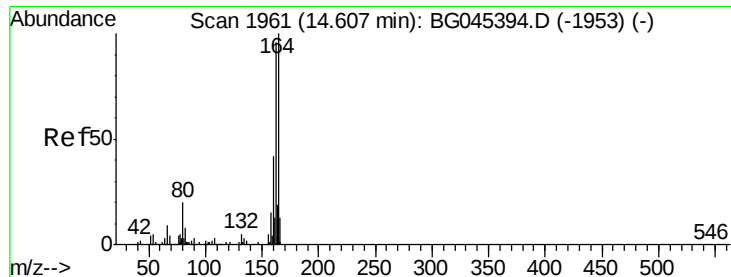
Tot Ion: 82 Resp: 382594
Ion Ratio Lower Upper
82 100
128 40.0 30.9 46.3
54 39.8 30.3 45.5



#32
Benzoic acid
Concen: 10.057 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.03 min
Lab File: BG045751.D
Acq: 12 Jun 2020 22:05

Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 66.9 107.9 147.9#
77 76.3 78.9 118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045751.D

Acq: 12 Jun 2020 22:05

Instrument :

BNA_G

ClientSampleId :

AOC50MW002-200610

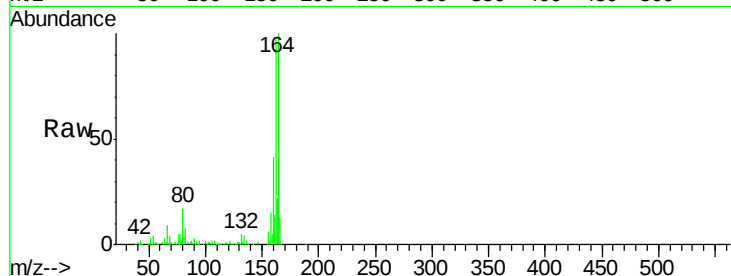
Tot Ion:164 Resp: 154191

Ion Ratio Lower Upper

164 100

162 97.4 76.9 115.3

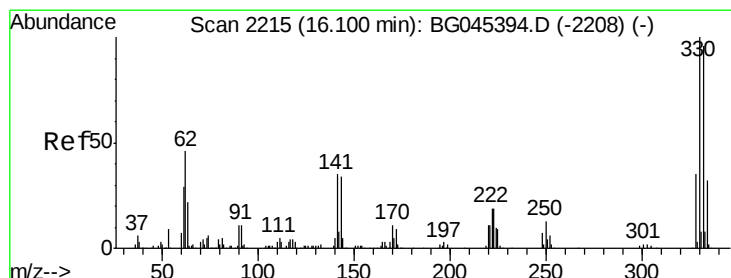
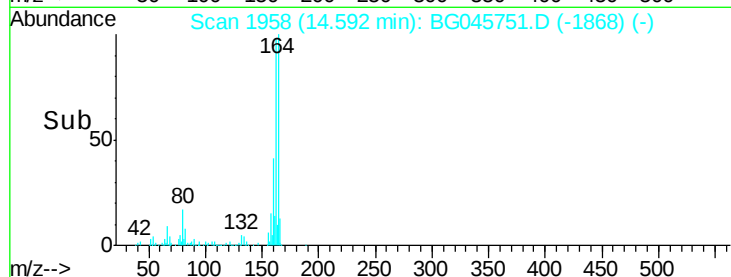
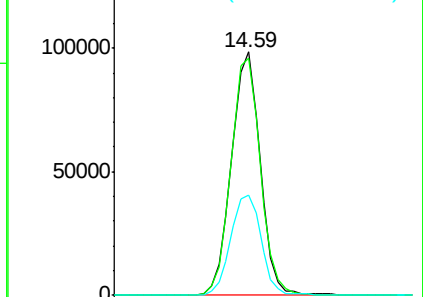
160 41.0 33.8 50.8



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: 133.665 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045751.D

Acq: 12 Jun 2020 22:05

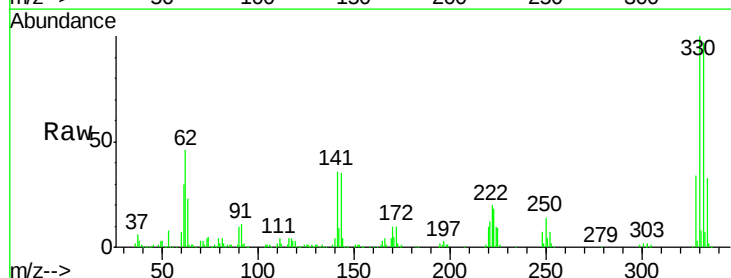
Tgt Ion:330 Resp: 263577

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

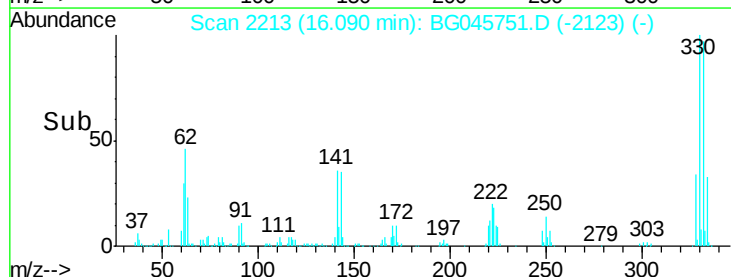
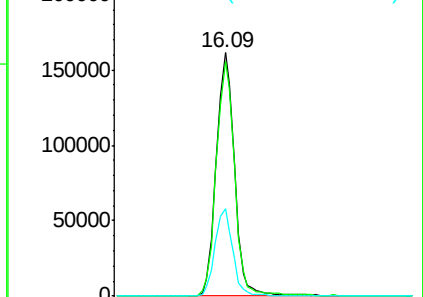
141 35.4 28.2 42.4

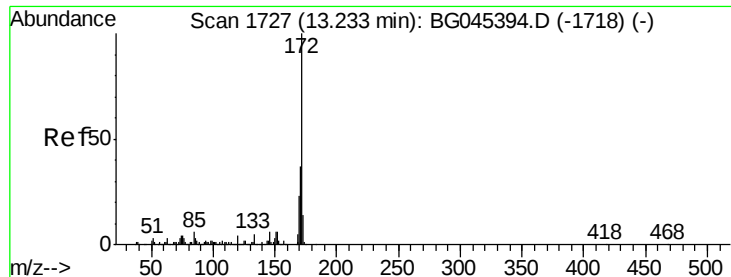


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 95.903 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045751.D

Acq: 12 Jun 2020 22:05

Instrument :

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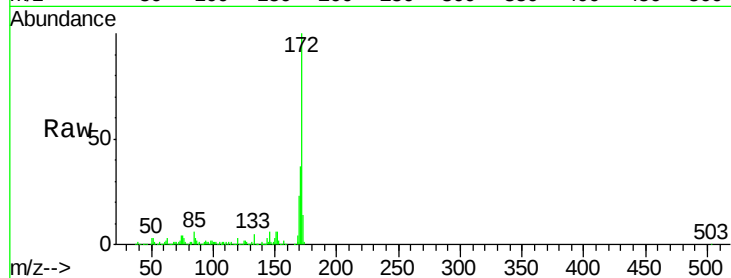
Tot Ion:172 Resp: 871793

Ion Ratio Lower Upper

172 100

171 36.7 29.5 44.3

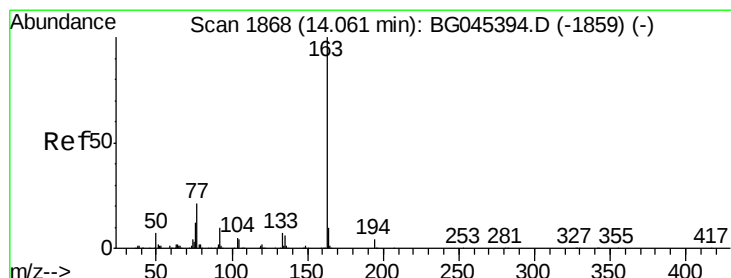
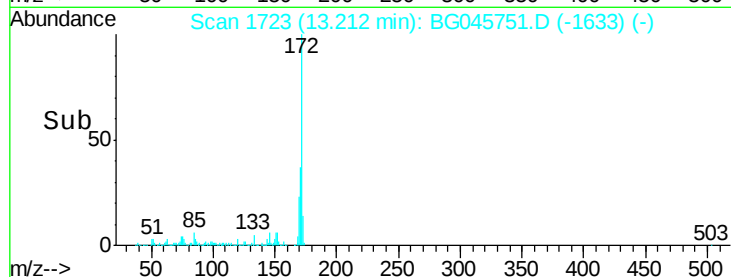
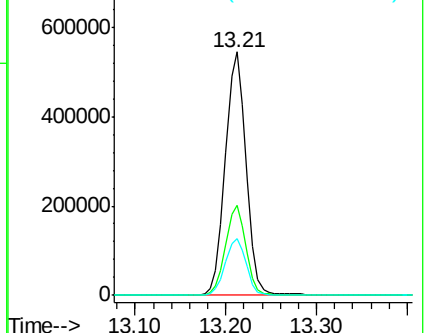
170 23.4 18.5 27.7



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



#50

Dimethylphthalate

Concen: 13.405 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045751.D

Acq: 12 Jun 2020 22:05

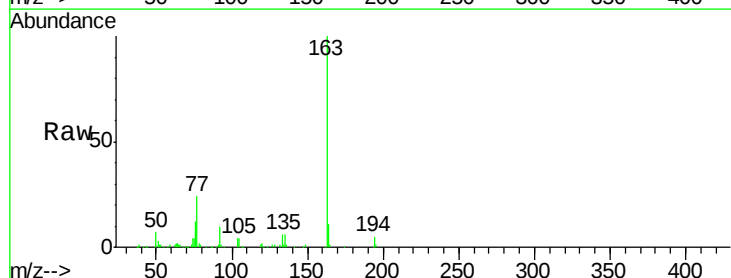
Tgt Ion:163 Resp: 141788

Ion Ratio Lower Upper

163 100

194 4.9 3.2 4.8#

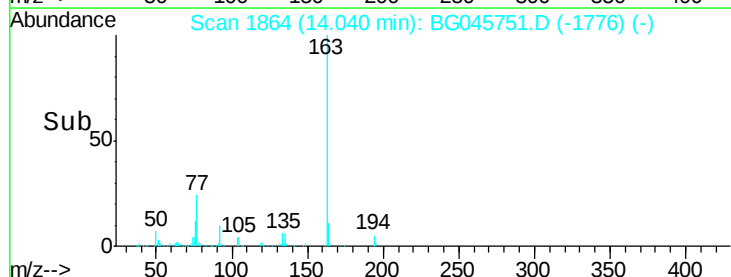
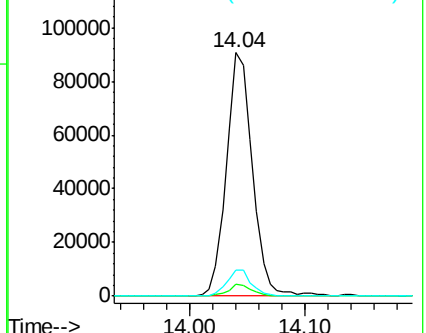
164 10.6 8.3 12.5

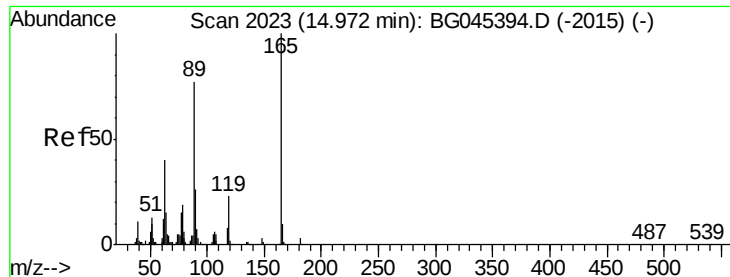


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#57

2,4-Dinitrotoluene

Concen: 6.005 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045751.D

Acq: 12 Jun 2020 22:05

Instrument :

BNA_G

ClientSampleId :

AOC50MW002-200610

Tot Ion:165 Resp: 20759

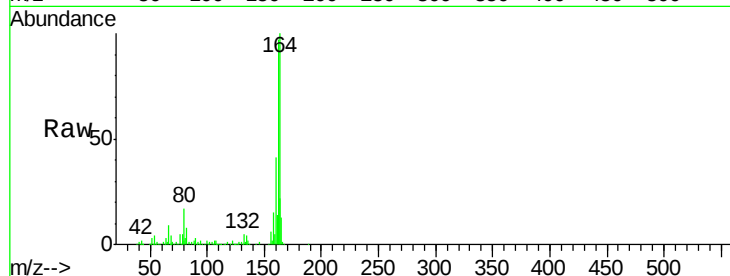
Ion Ratio Lower Upper

165 100

63 1.9 32.5 48.7#

89 2.0 61.8 92.6#

182 0.0 2.3 3.5#

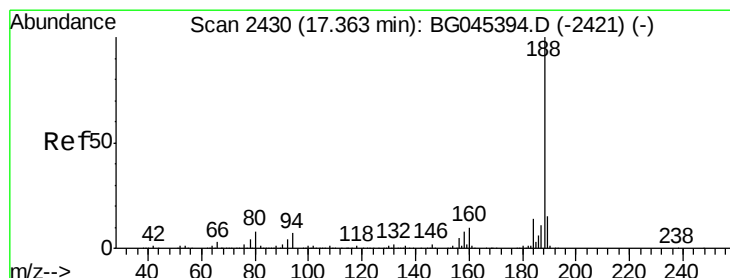
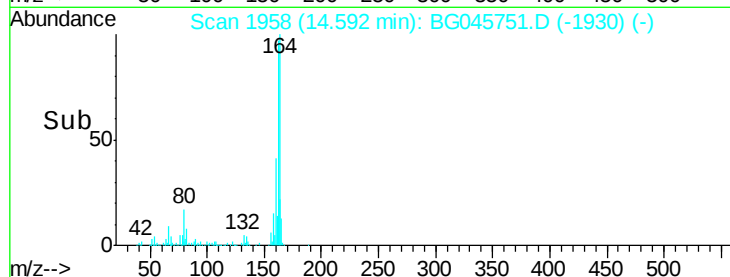
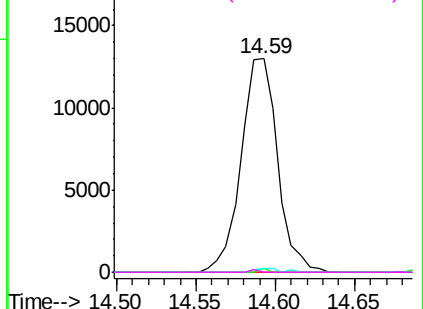


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045751.D

Acq: 12 Jun 2020 22:05

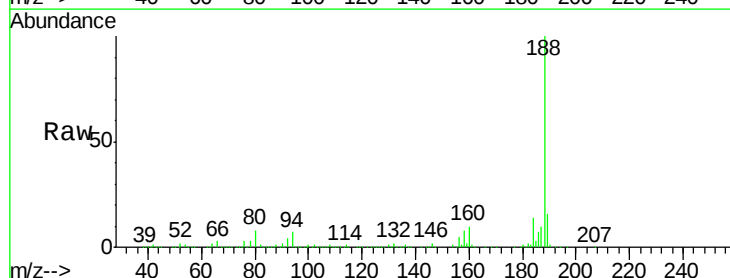
Tgt Ion:188 Resp: 347239

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

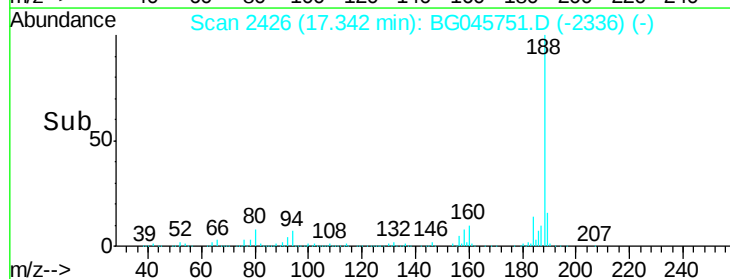
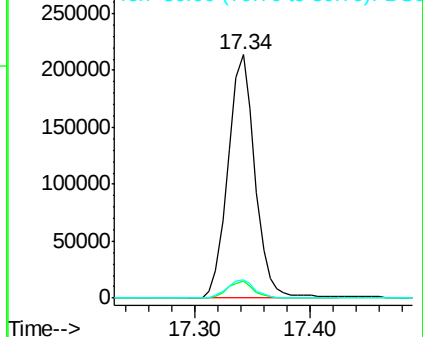
80 7.7 6.6 10.0

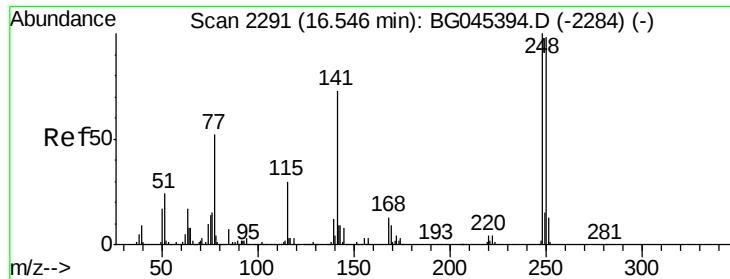


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

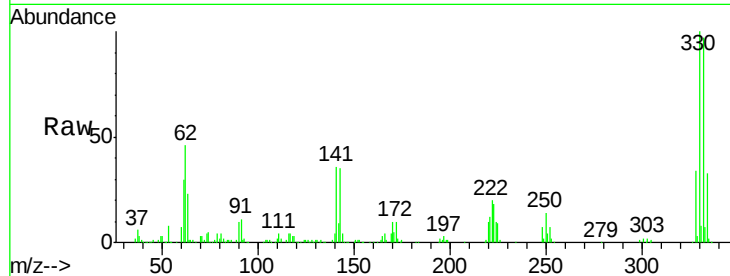




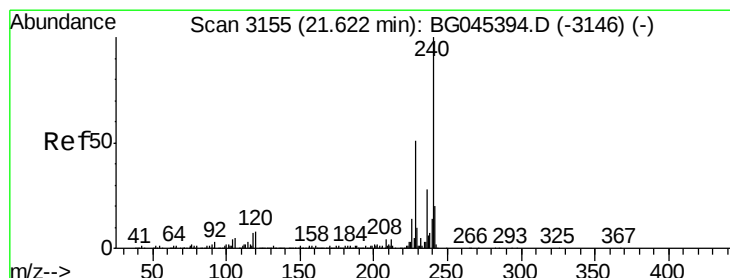
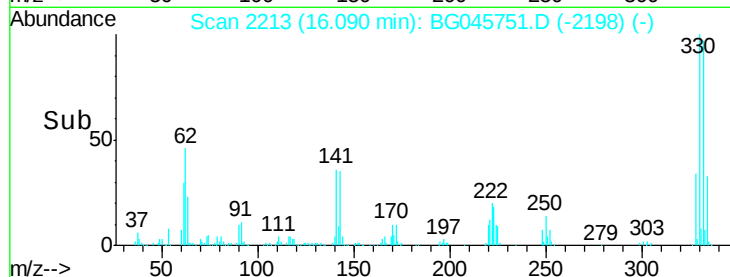
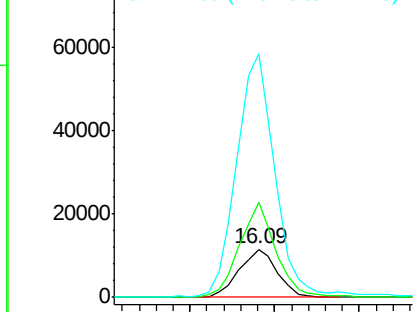
#67
4-Bromophenyl-phenylether
Concen: 4.799 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.44 min
Lab File: BG045751.D
Acq: 12 Jun 2020 22:05

Instrument :
BNA_G
ClientSampleId :
AOC50MW002-200610

Tot Ion:248 Resp: 18045
Ion Ratio Lower Upper
248 100
250 197.2 78.6 117.8#
141 505.6 58.2 87.2#

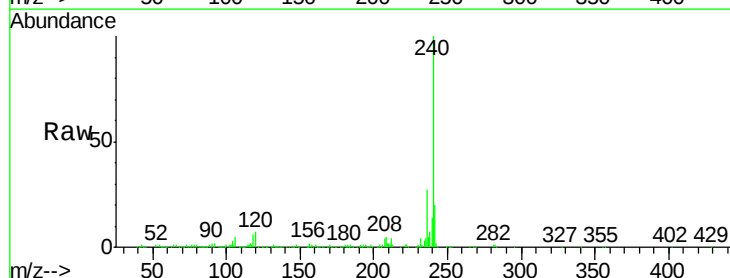


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

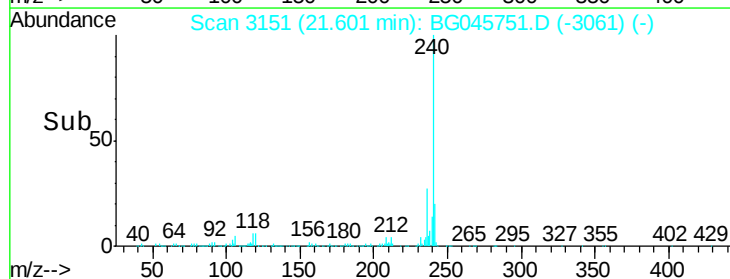
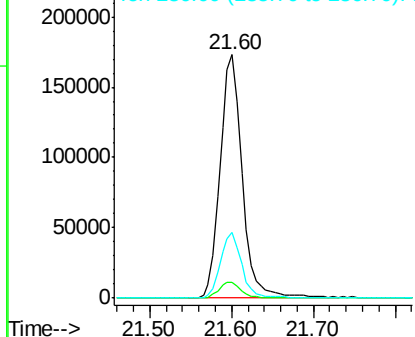


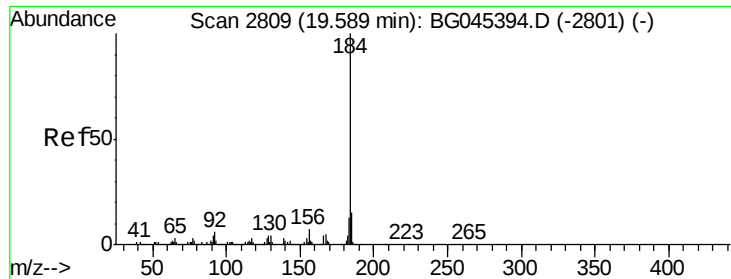
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045751.D
Acq: 12 Jun 2020 22:05

Tgt Ion:240 Resp: 325990
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 26.9 22.3 33.5



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





#77

Benzidine

Concen: 2.818 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045751.D

Acq: 12 Jun 2020 22:05

Instrument :

BNA_G

ClientSampleId :

AOC50MW002-200610

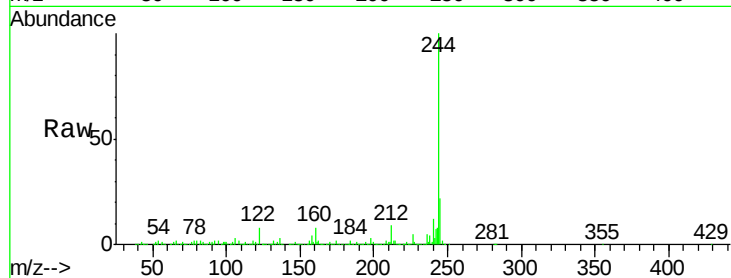
Tot Ion:184 Resp: 25802

Ion Ratio Lower Upper

184 100

185 16.9 11.7 17.5

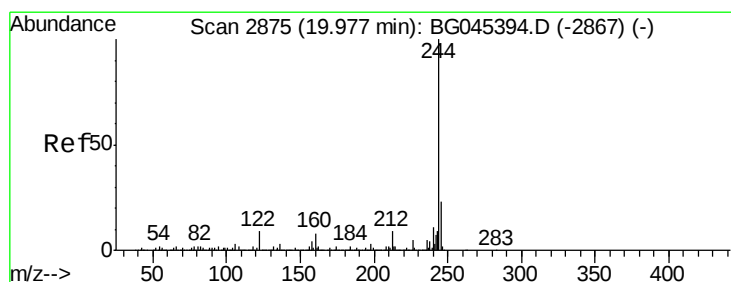
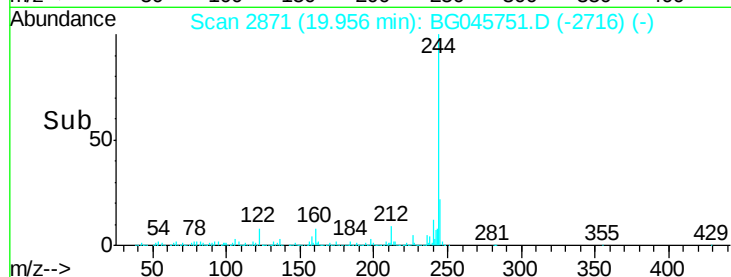
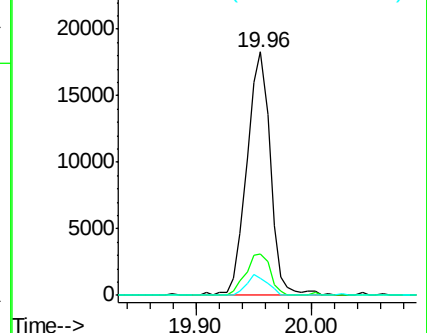
183 6.8 10.2 15.4#



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



#79

Terphenyl-d14

Concen: 100.851 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045751.D

Acq: 12 Jun 2020 22:05

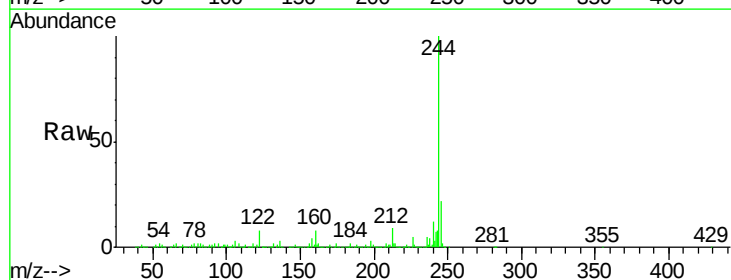
Tgt Ion:244 Resp: 1409616

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

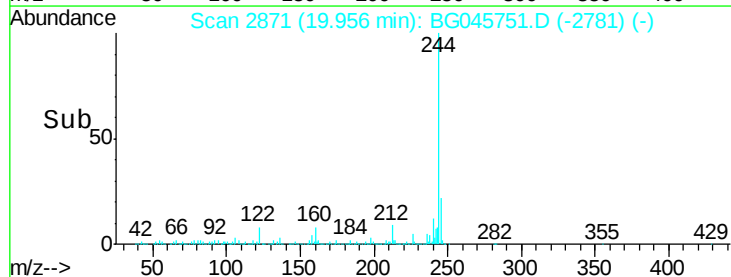
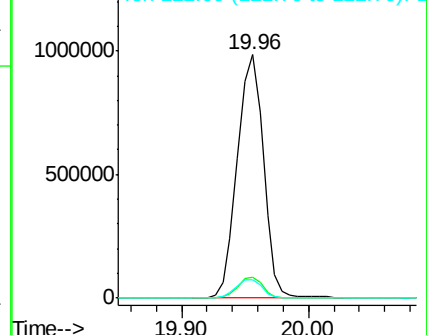
122 7.5 6.8 10.2

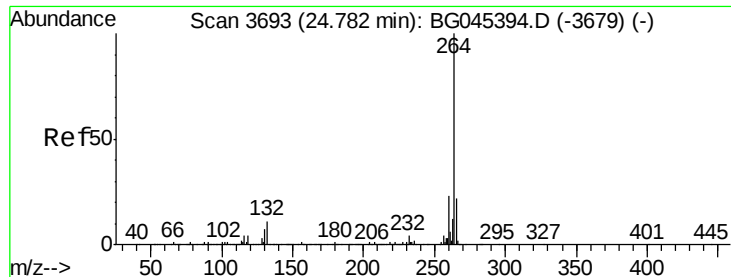


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: BG045751.D
 Acq: 12 Jun 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 AOC50MW002-200610

Tot Ion:	264	Resp:	327276
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.3	17.6	26.4

