

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058902.D
 Acq On : 30 Aug 2023 19:24
 Operator : MA/JU
 Sample : 04196-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-02

Quant Time: Aug 31 01:40:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

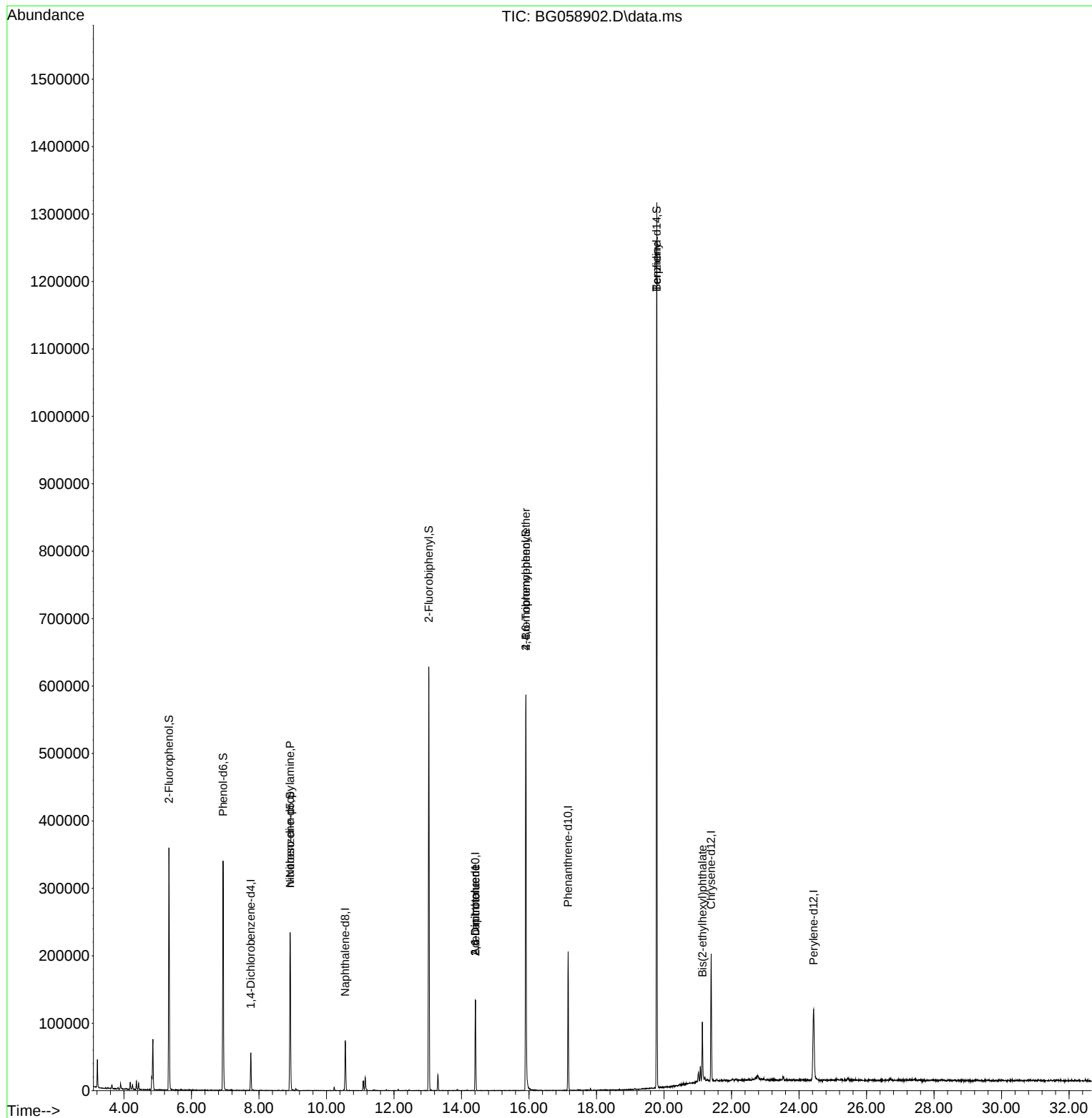
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.759	152	15540	20.000	ng	0.00
21) Naphthalene-d8	10.556	136	61372	20.000	ng	# 0.00
39) Acenaphthene-d10	14.410	164	50085	20.000	ng	0.00
64) Phenanthrene-d10	17.160	188	129692	20.000	ng	# 0.00
76) Chrysene-d12	21.396	240	103563	20.000	ng	-0.01
86) Perylene-d12	24.434	264	121467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	138862	143.800	ng	0.00
7) Phenol-d6	6.937	99	178091	131.448	ng	0.00
23) Nitrobenzene-d5	8.923	82	131735	103.199	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	136323	173.588	ng	0.00
45) 2-Fluorobiphenyl	13.030	172	334294	97.078	ng	0.00
79) Terphenyl-d14	19.786	244	664108	115.144	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.923	70	17927	20.470	ng	# 73
51) 2,6-Dinitrotoluene	14.410	165	6022	7.392	ng	# 22
57) 2,4-Dinitrotoluene	14.410	165	6022	5.299	ng	# 19
67) 4-Bromophenyl-phenylether	15.909	248	8257	5.802	ng	# 1
77) Benzidine	19.786	184	10350	5.576	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.138	149	36933	8.605	ng	# 53

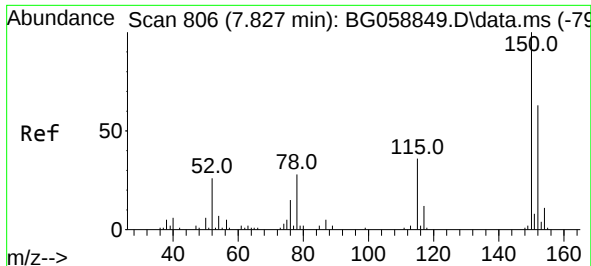
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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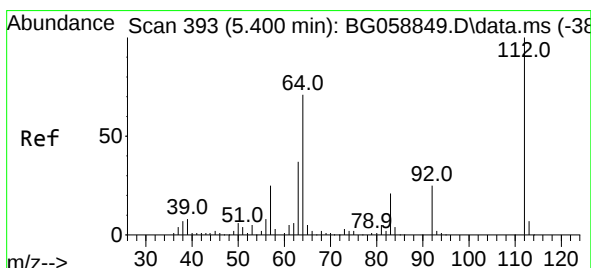
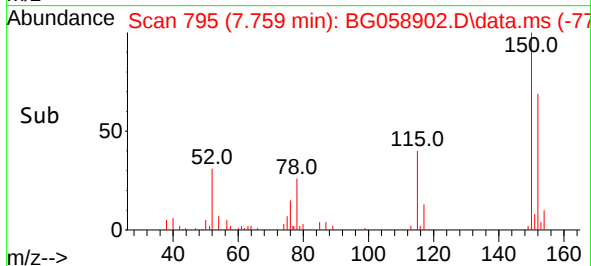
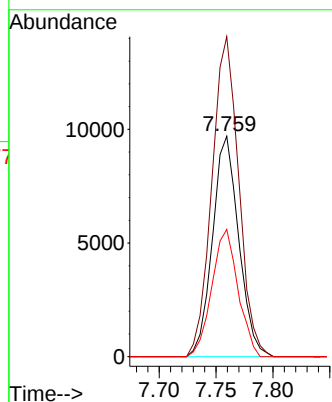
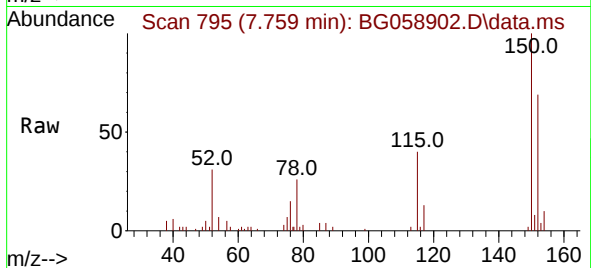




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.759 min Scan# 795
Delta R.T. 0.000 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

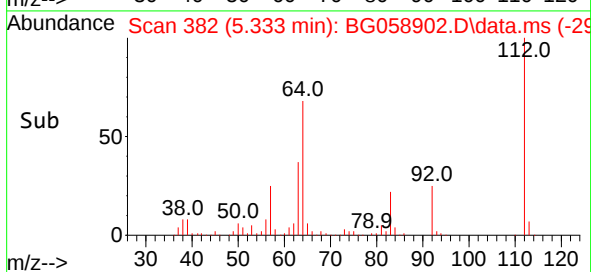
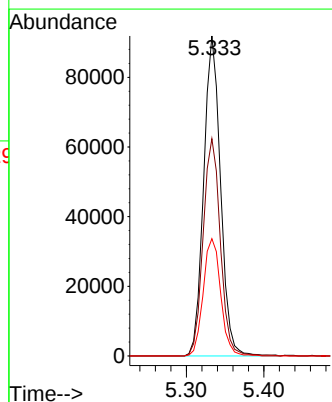
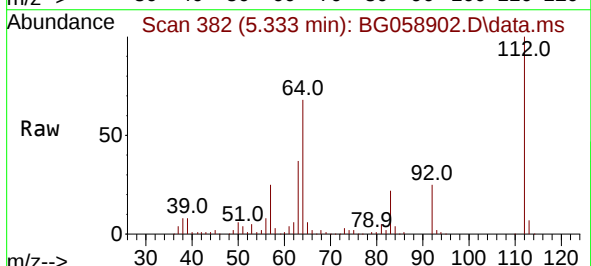
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-02

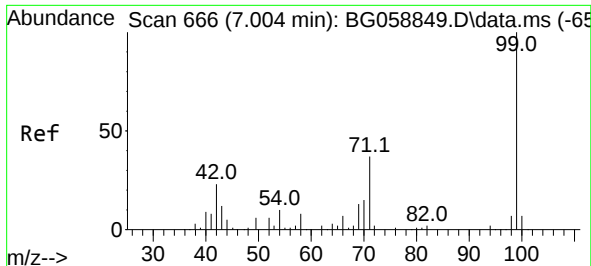
Tgt Ion:152 Resp: 15540
Ion Ratio Lower Upper
152 100
150 145.1 128.6 192.8
115 57.7 50.4 75.6



#5
2-Fluorophenol
Concen: 143.800 ng
RT: 5.333 min Scan# 382
Delta R.T. 0.006 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

Tgt Ion:112 Resp: 138862
Ion Ratio Lower Upper
112 100
64 67.9 60.6 90.8
63 36.7 31.0 46.4

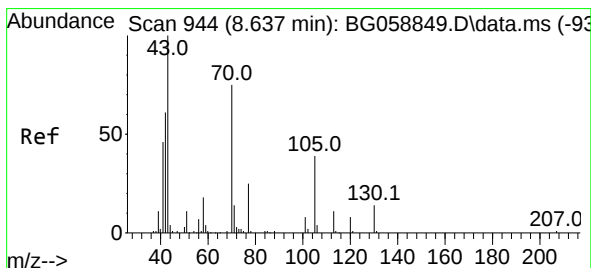
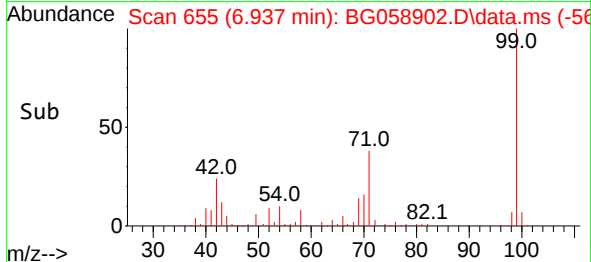
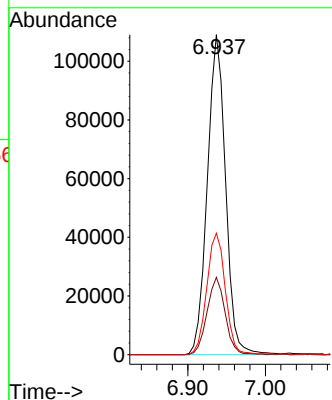
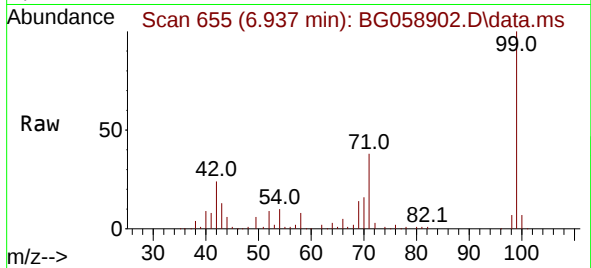




#7
Phenol-d6
Concen: 131.448 ng
RT: 6.937 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

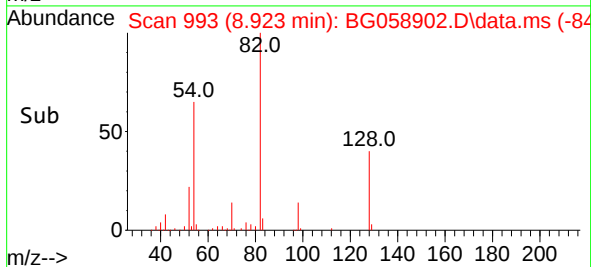
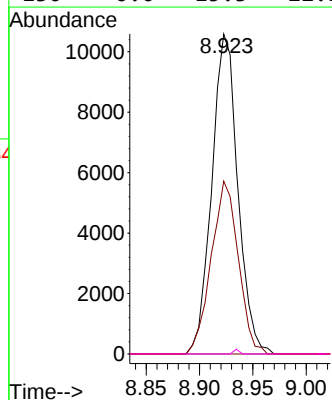
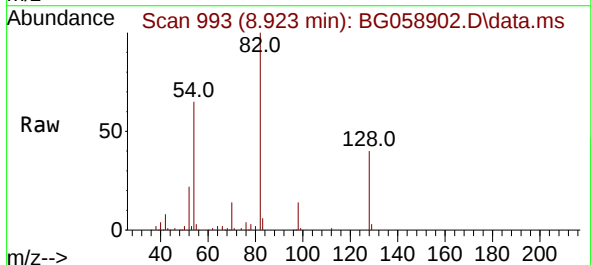
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-02

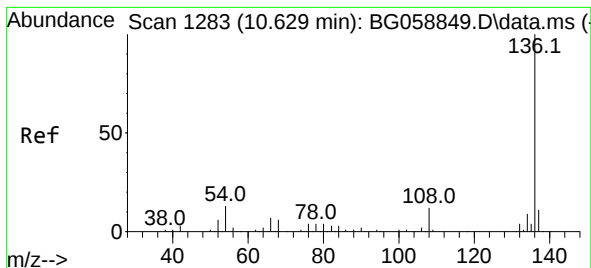
Tgt Ion: 99 Resp: 178091
Ion Ratio Lower Upper
99 100
42 24.1 16.5 24.7
71 38.0 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.470 ng
RT: 8.923 min Scan# 993
Delta R.T. 0.353 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

Tgt Ion: 70 Resp: 17927
Ion Ratio Lower Upper
70 100
42 54.0 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.556 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG058902.D

Acq: 30 Aug 2023 19:24

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-02

Tgt Ion:136 Resp: 61372

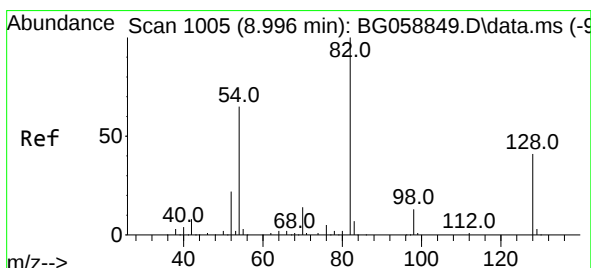
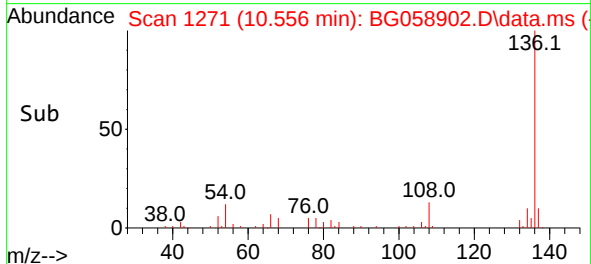
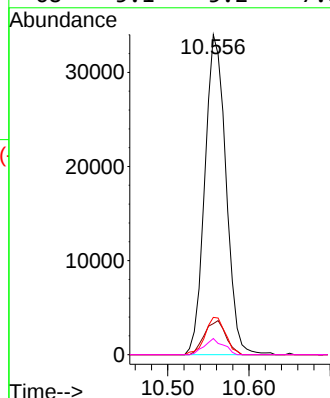
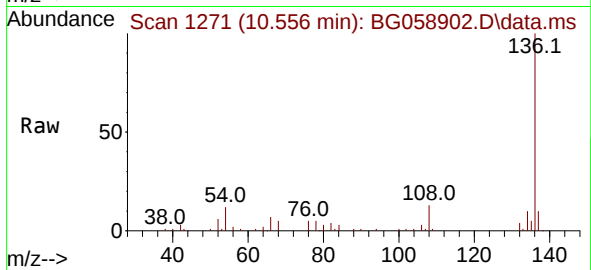
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 11.7 10.1 15.1

68 5.1 5.2 7.8#



#23

Nitrobenzene-d5

Concen: 103.199 ng

RT: 8.923 min Scan# 993

Delta R.T. -0.005 min

Lab File: BG058902.D

Acq: 30 Aug 2023 19:24

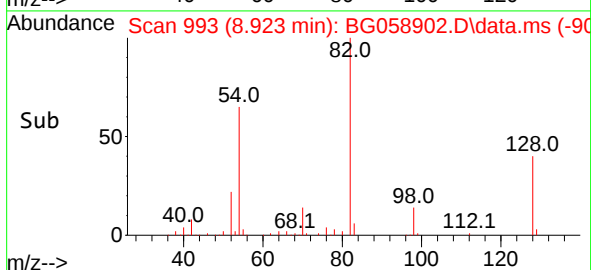
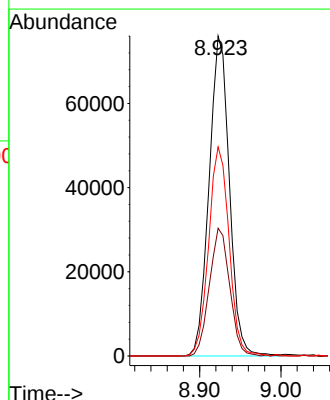
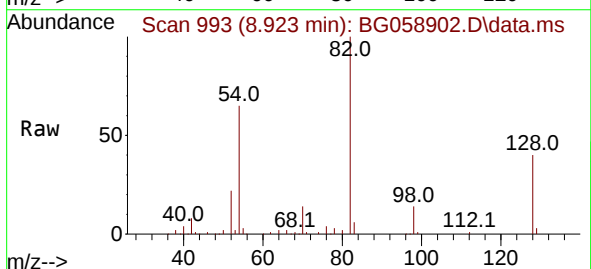
Tgt Ion: 82 Resp: 131735

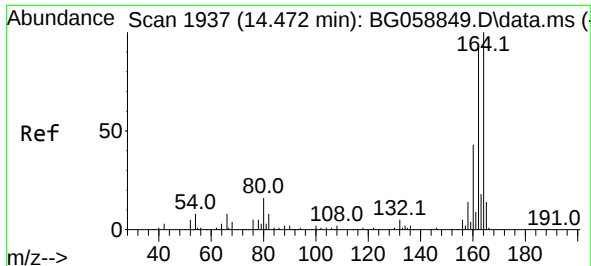
Ion Ratio Lower Upper

82 100

128 39.9 33.2 49.8

54 65.3 51.2 76.8

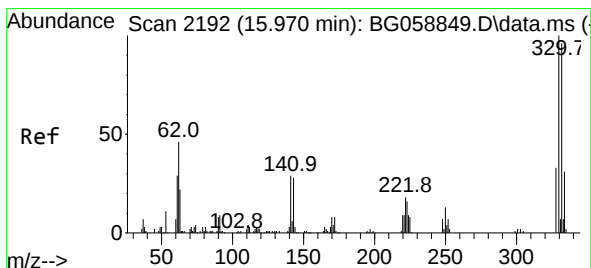
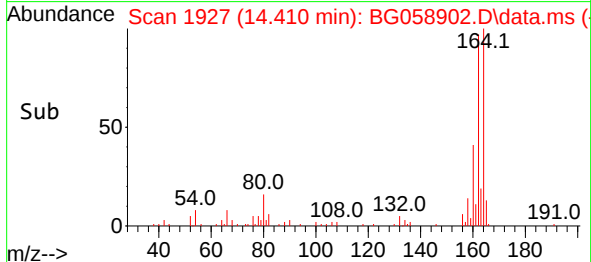
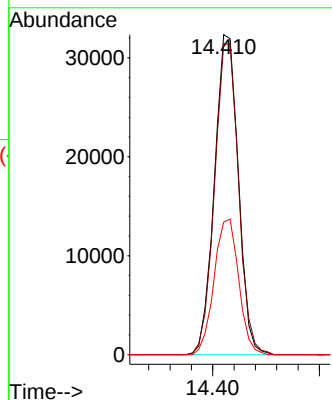
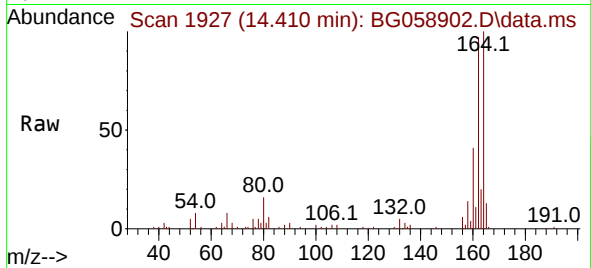




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

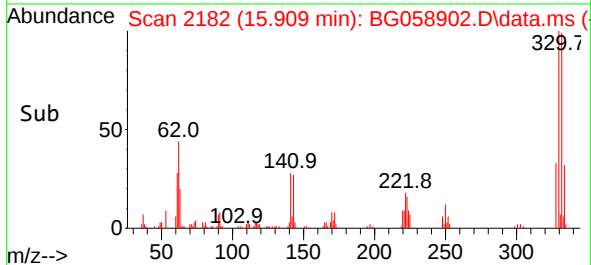
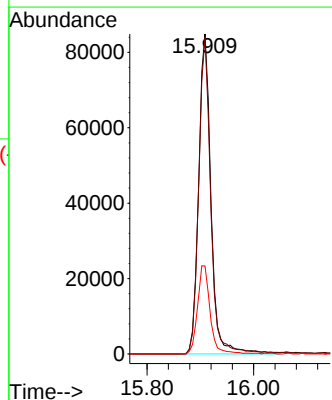
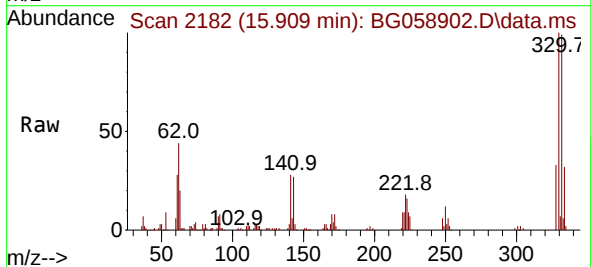
Instrument :
BNA_G
ClientSampleId :
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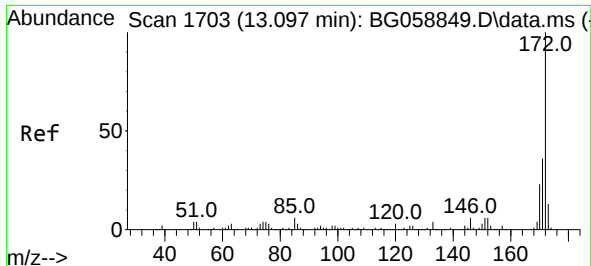
Tgt Ion:164 Resp: 50085
Ion Ratio Lower Upper
164 100
162 97.3 79.6 119.4
160 41.5 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 173.588 ng
RT: 15.909 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

Tgt Ion:330 Resp: 136323
Ion Ratio Lower Upper
330 100
332 95.3 78.5 117.7
141 28.0 23.0 34.6

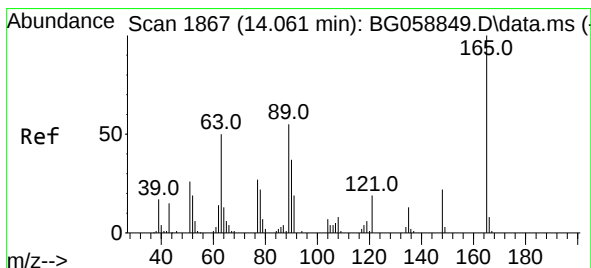
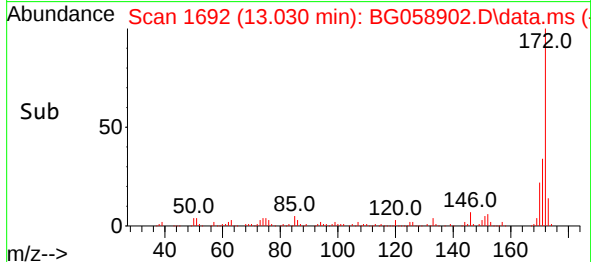
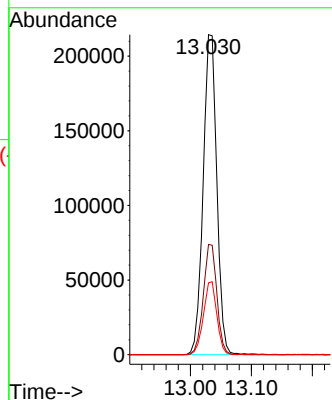
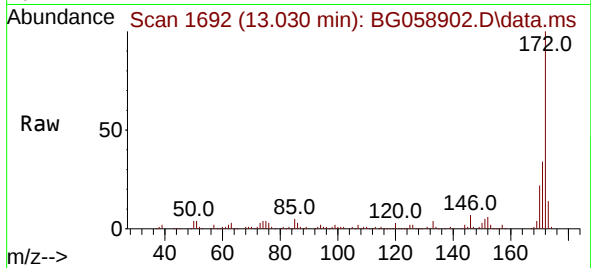




#45
2-Fluorobiphenyl
Concen: 97.078 ng
RT: 13.030 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

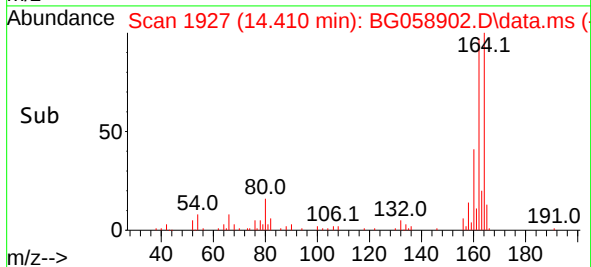
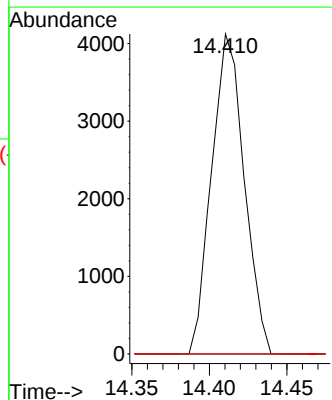
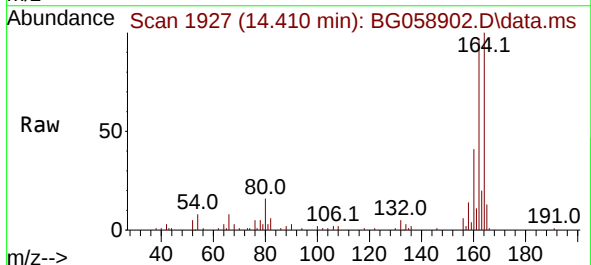
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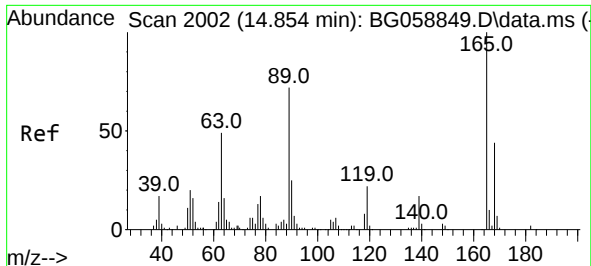
Tgt Ion:172 Resp: 334294
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.392 ng
RT: 14.410 min Scan# 1927
Delta R.T. 0.406 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

Tgt Ion:165 Resp: 6022
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.299 ng

RT: 14.410 min Scan# 1927

Delta R.T. -0.387 min

Lab File: BG058902.D

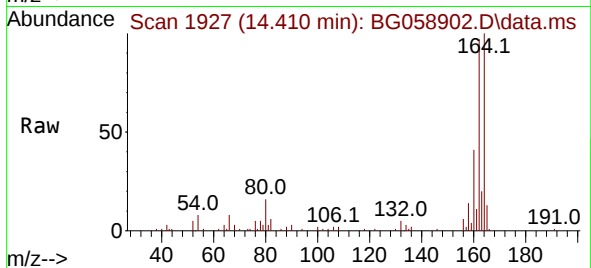
Acq: 30 Aug 2023 19:24

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-02



Tgt Ion:165 Resp: 6022

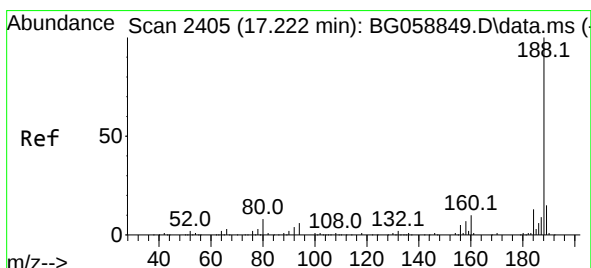
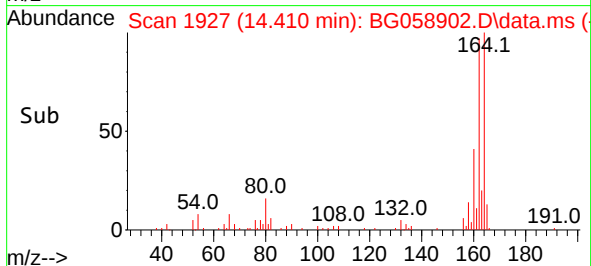
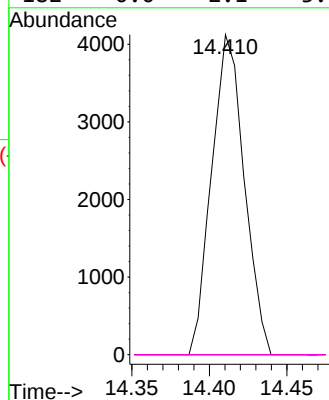
Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.6#

89 0.0 60.7 91.1#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.160 min Scan# 2395

Delta R.T. -0.005 min

Lab File: BG058902.D

Acq: 30 Aug 2023 19:24

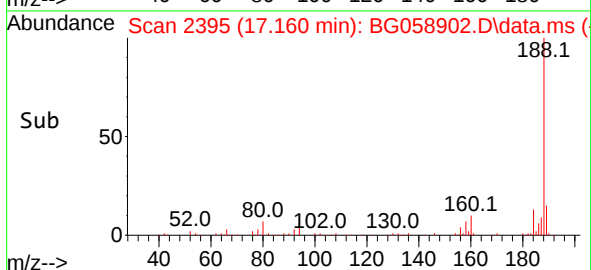
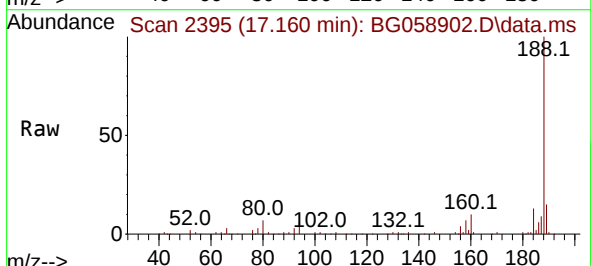
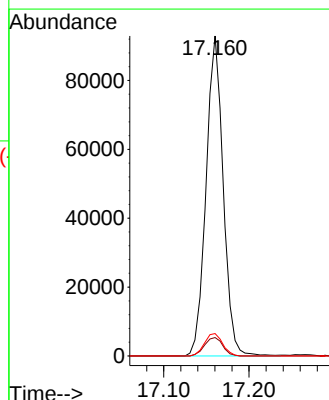
Tgt Ion:188 Resp: 129692

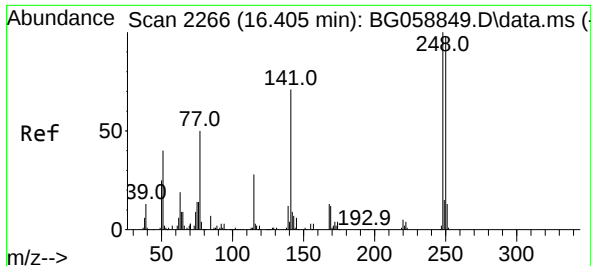
Ion Ratio Lower Upper

188 100

94 5.8 6.1 9.1#

80 7.0 6.9 10.3

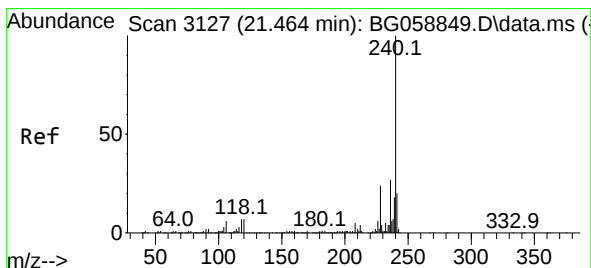
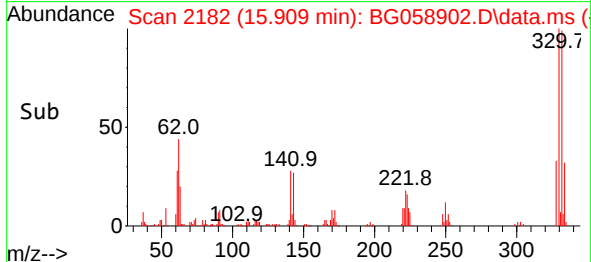
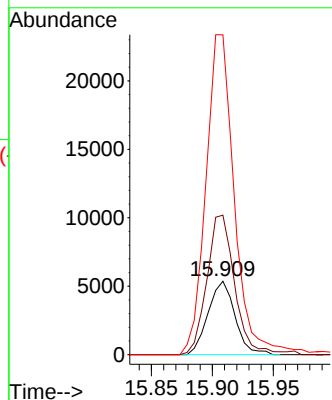
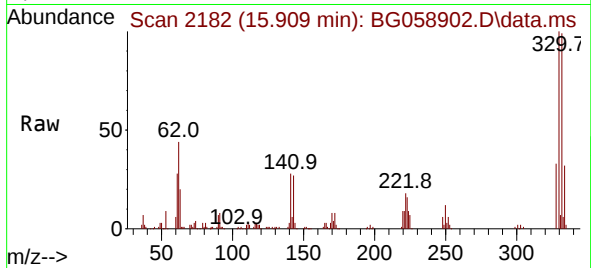




#67
4-Bromophenyl-phenylether
Concen: 5.802 ng
RT: 15.909 min Scan# 2116
Delta R.T. -0.446 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

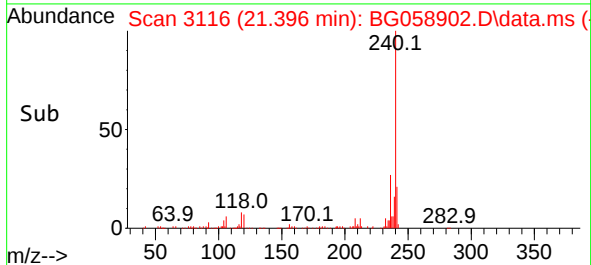
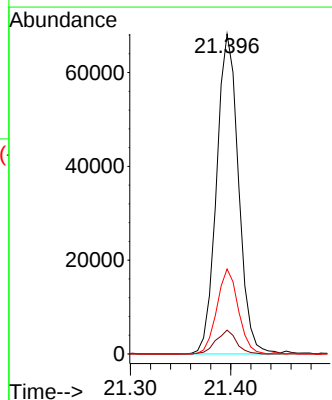
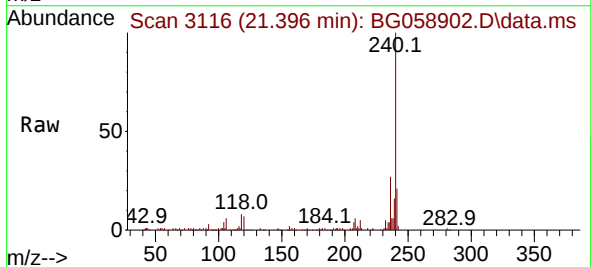
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-02

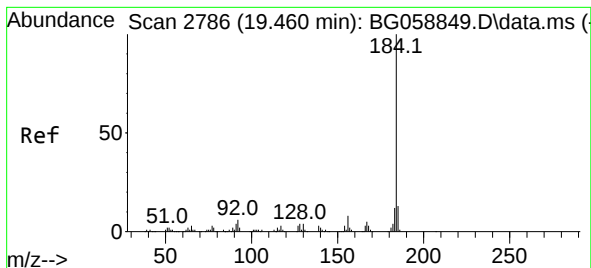
Tgt Ion:248 Resp: 8257
Ion Ratio Lower Upper
248 100
250 190.1 77.7 116.5#
141 435.7 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.396 min Scan# 3116
Delta R.T. -0.011 min
Lab File: BG058902.D
Acq: 30 Aug 2023 19:24

Tgt Ion:240 Resp: 103563
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.2
236 26.6 20.5 30.7





#77

Benzidine

Concen: 5.576 ng

RT: 19.786 min Scan# 2842

Delta R.T. 0.377 min

Lab File: BG058902.D

Acq: 30 Aug 2023 19:24

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-02

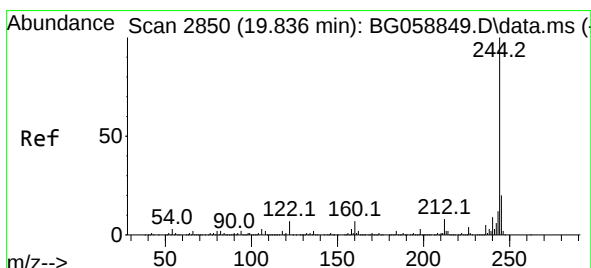
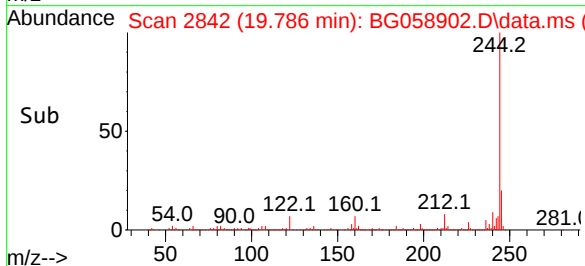
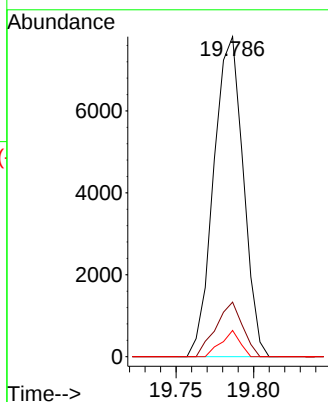
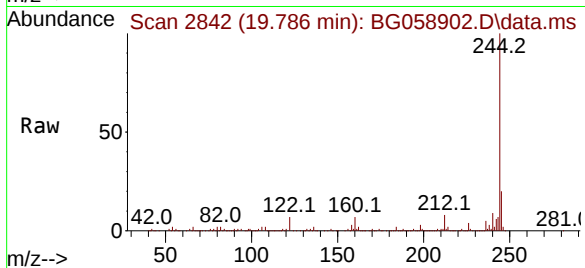
Tgt Ion:184 Resp: 10350

Ion Ratio Lower Upper

184 100

185 17.0 11.9 17.9

183 8.2 10.0 15.0#



#79

Terphenyl-d14

Concen: 115.144 ng

RT: 19.786 min Scan# 2842

Delta R.T. -0.005 min

Lab File: BG058902.D

Acq: 30 Aug 2023 19:24

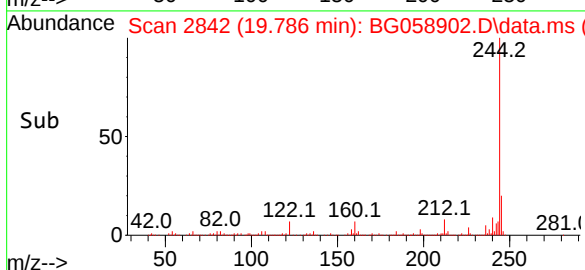
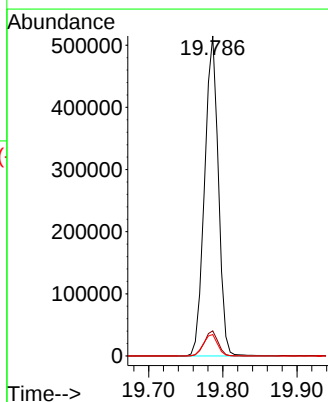
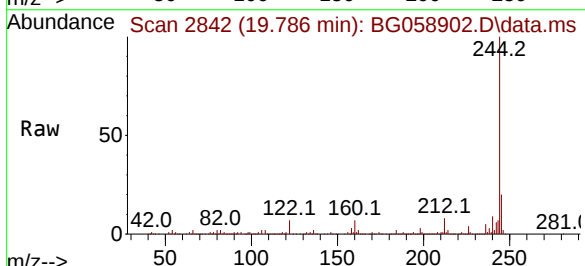
Tgt Ion:244 Resp: 664108

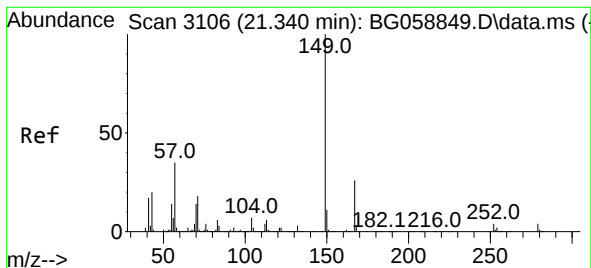
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 6.7 6.3 9.5

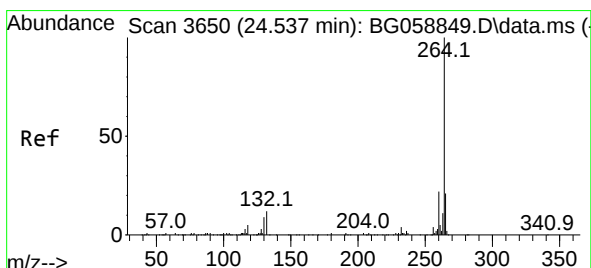
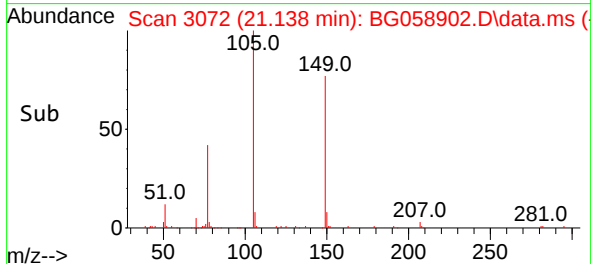
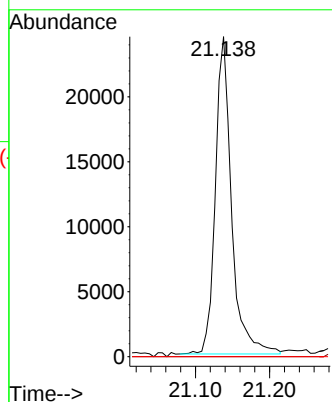
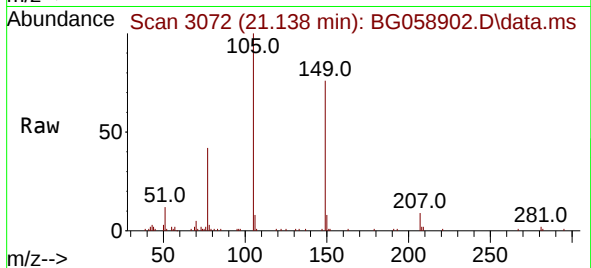




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.605 ng
 RT: 21.138 min Scan# 30
 Delta R.T. -0.152 min
 Lab File: BG058902.D
 Acq: 30 Aug 2023 19:24

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-02

Tgt Ion:149 Resp: 36933
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.7 32.5#
 279 0.0 3.2 4.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.434 min Scan# 3633
 Delta R.T. -0.005 min
 Lab File: BG058902.D
 Acq: 30 Aug 2023 19:24

Tgt Ion:264 Resp: 121467
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.2
 265 21.9 16.4 24.6

