

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059848.D
 Acq On : 23 Nov 2023 11:58
 Operator : MA/JU
 Sample : 05471-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-A-COMP

Quant Time: Nov 24 00:19:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

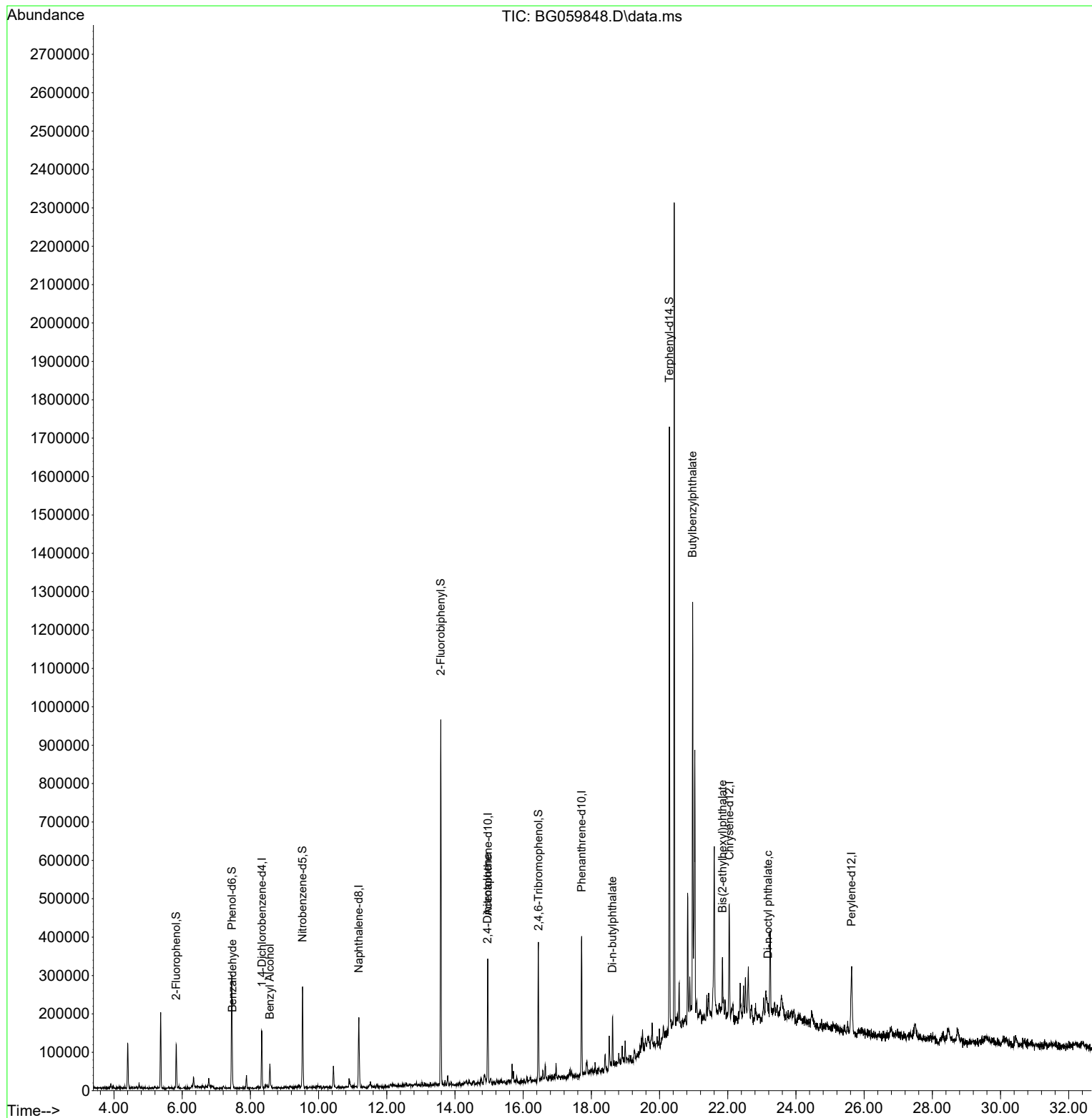
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	27265	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	122886	20.000	ng	#-0.01
39) Acenaphthene-d10	14.964	164	106787	20.000	ng	# 0.00
64) Phenanthrene-d10	17.714	188	201660	20.000	ng	0.00
76) Chrysene-d12	22.044	240	161151	20.000	ng	0.00
86) Perylene-d12	25.628	264	195294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	39523	24.399	ng	0.00
7) Phenol-d6	7.455	99	136092	56.693	ng	0.00
23) Nitrobenzene-d5	9.529	82	161091	50.066	ng	-0.01
42) 2,4,6-Tribromophenol	16.451	330	24125	19.911	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	410745	51.774	ng	-0.01
79) Terphenyl-d14	20.287	244	618759	56.682	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.473	77	4505	2.776	ng	# 64
15) Benzyl Alcohol	8.572	79	23802	8.695	ng	# 88
57) 2,4-Dinitrotoluene	14.952	165	13536	5.607	ng	# 7
74) Di-n-butylphthalate	18.619	149	83438	7.417	ng	# 98
80) Butylbenzylphthalate	20.969	149	244460	54.373	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.844	149	64412	10.248	ng	# 95
85) Di-n-octyl phthalate	23.184	149	36540	3.020	ng	# 81

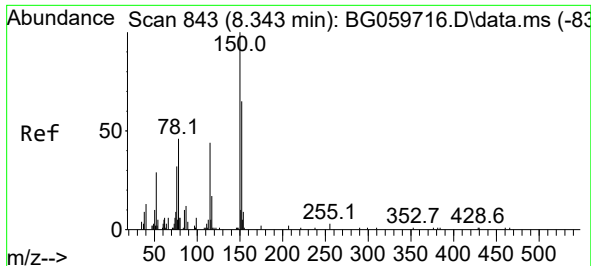
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
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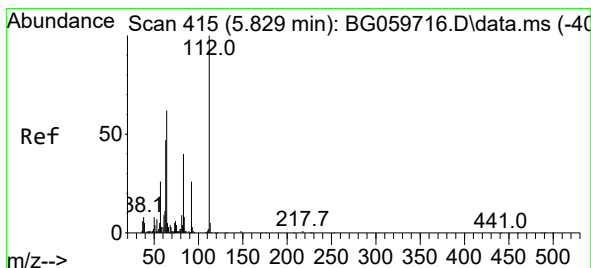
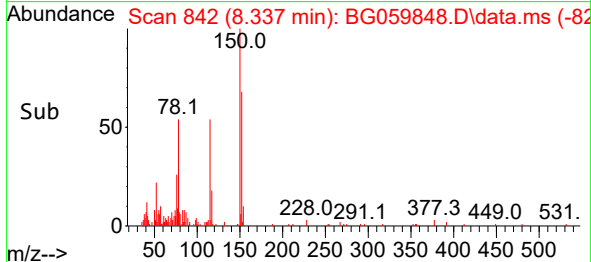
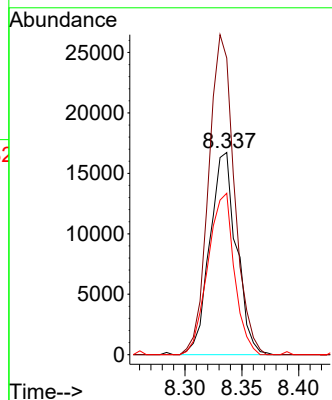
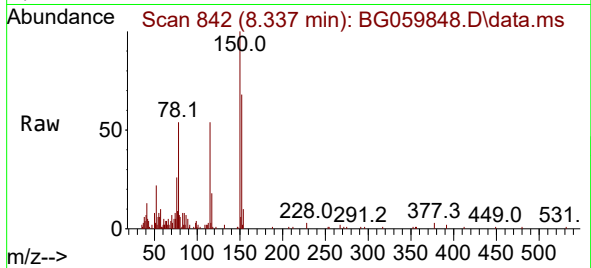




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

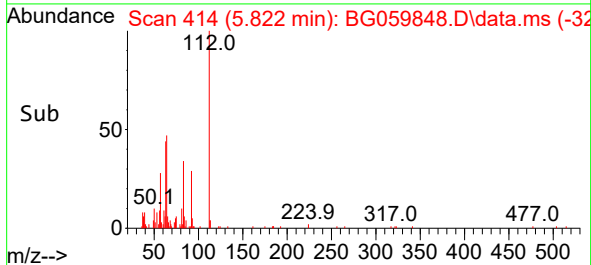
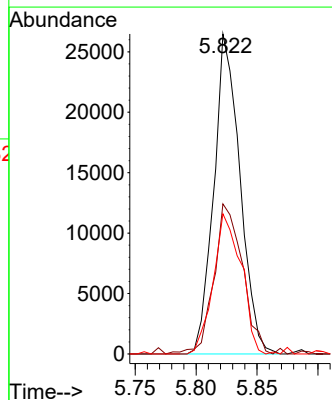
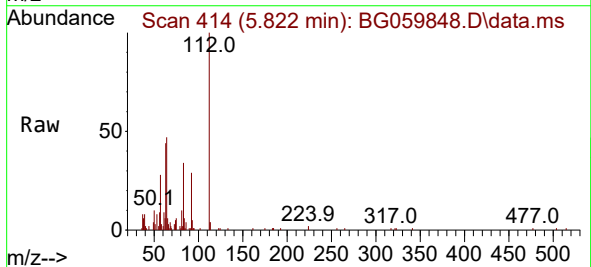
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP

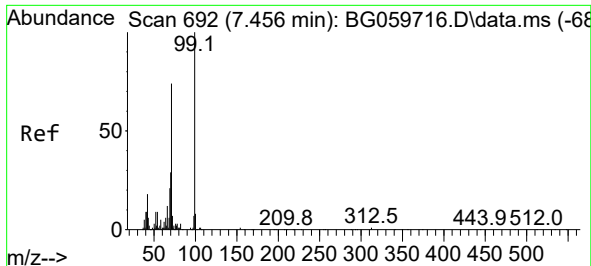
Tgt Ion:152 Resp: 27265
Ion Ratio Lower Upper
152 100
150 146.7 122.2 183.4
115 79.8 54.2 81.4



#5
2-Fluorophenol
Concen: 24.399 ng
RT: 5.822 min Scan# 414
Delta R.T. -0.007 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

Tgt Ion:112 Resp: 39523
Ion Ratio Lower Upper
112 100
64 46.9 49.5 74.3#
63 43.8 37.4 56.2

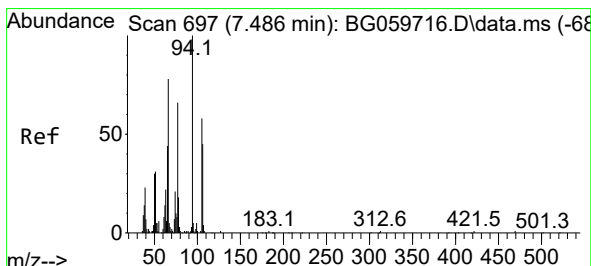
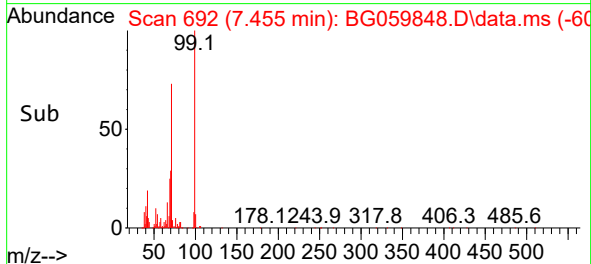
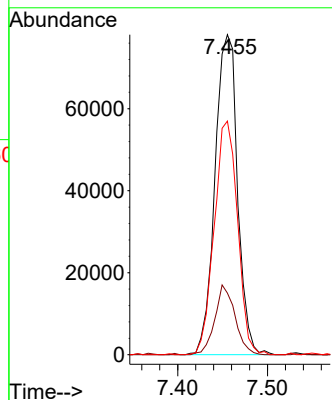
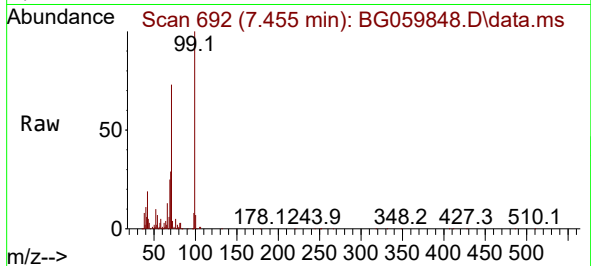




#7
Phenol-d6
Concen: 56.693 ng
RT: 7.455 min Scan# 692
Delta R.T. -0.001 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

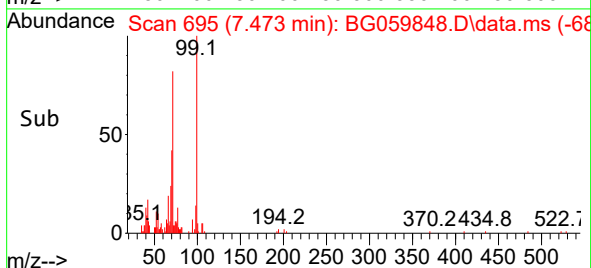
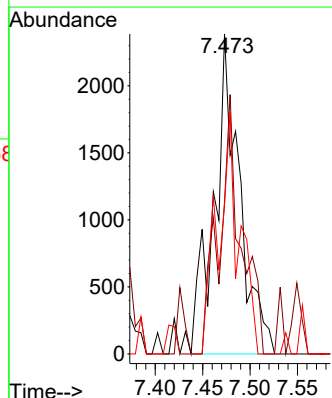
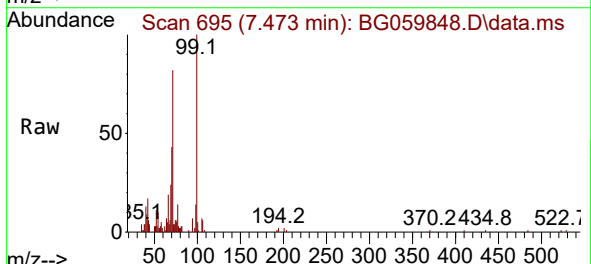
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP

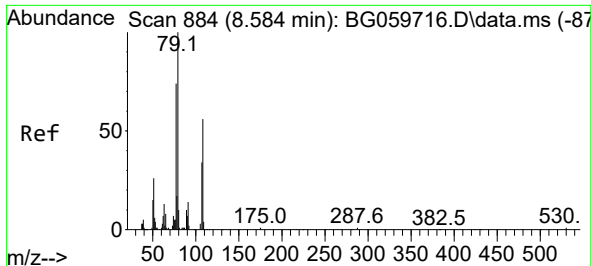
Tgt Ion: 99 Resp: 136092
Ion Ratio Lower Upper
99 100
42 19.3 14.3 21.5
71 73.0 59.3 88.9



#9
Benzaldehyde
Concen: 2.776 ng
RT: 7.473 min Scan# 695
Delta R.T. -0.013 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

Tgt Ion: 77 Resp: 4505
Ion Ratio Lower Upper
77 100
105 47.7 68.0 108.0#
106 46.4 48.1 88.1#

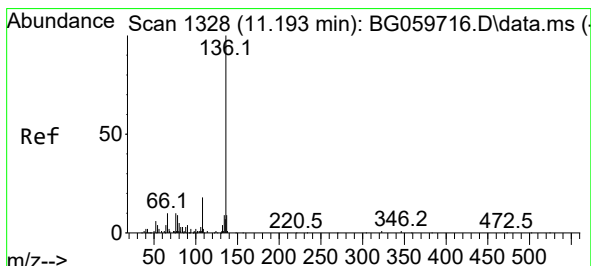
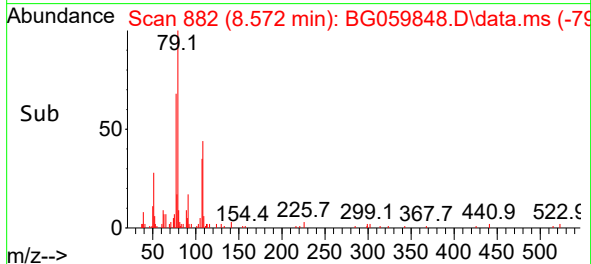
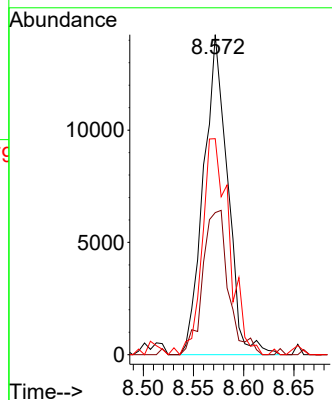
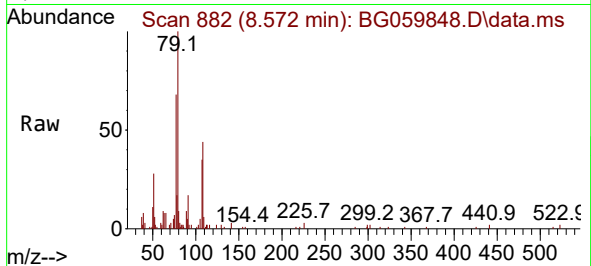




#15
Benzyl Alcohol
Concen: 8.695 ng
RT: 8.572 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

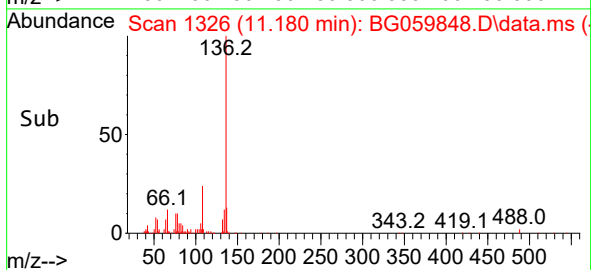
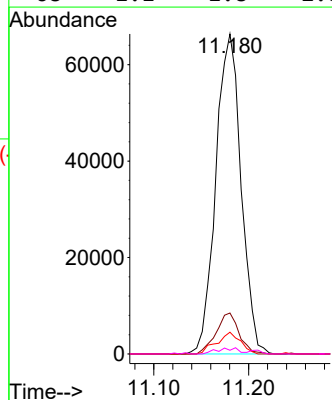
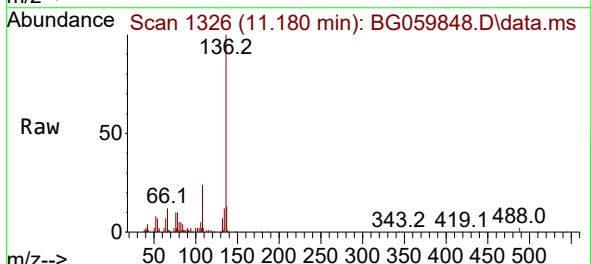
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP

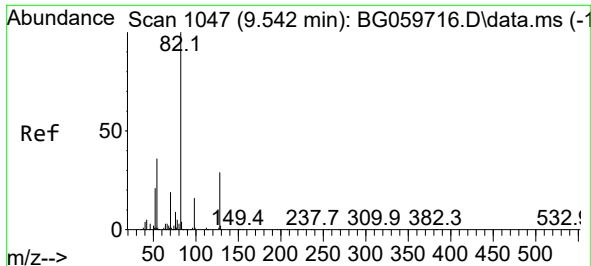
Tgt Ion: 79 Resp: 23802
Ion Ratio Lower Upper
79 100
108 44.4 45.4 68.2#
77 67.5 59.4 89.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 1326
Delta R.T. -0.013 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

Tgt Ion:136 Resp: 122886
Ion Ratio Lower Upper
136 100
137 12.8 7.4 11.0#
54 6.8 3.1 4.7#
68 1.1 1.8 2.8#

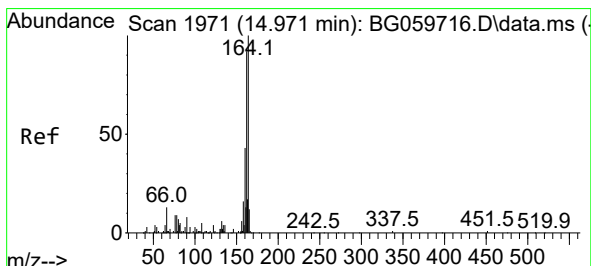
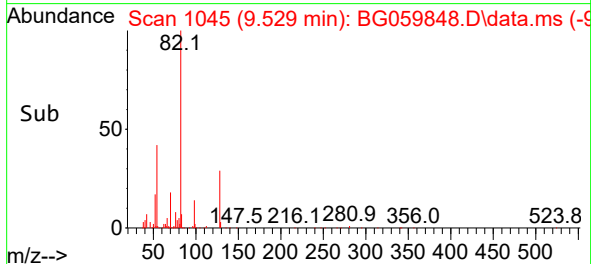
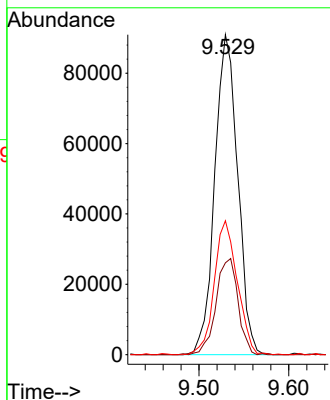
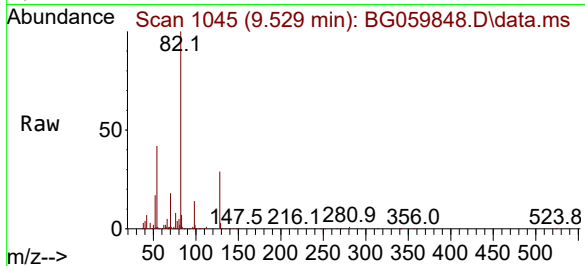




#23
Nitrobenzene-d5
Concen: 50.066 ng
RT: 9.529 min Scan# 1045
Delta R.T. -0.013 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

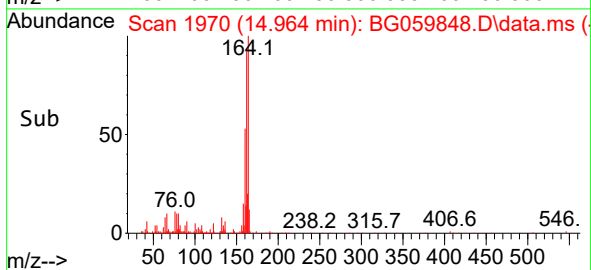
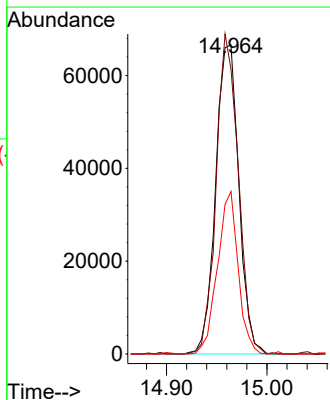
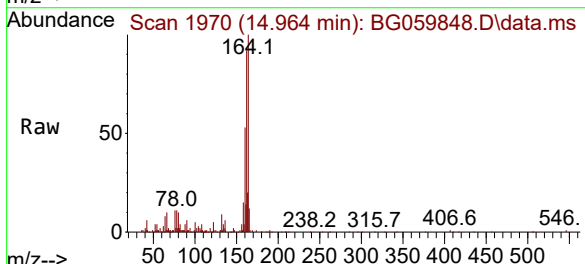
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP

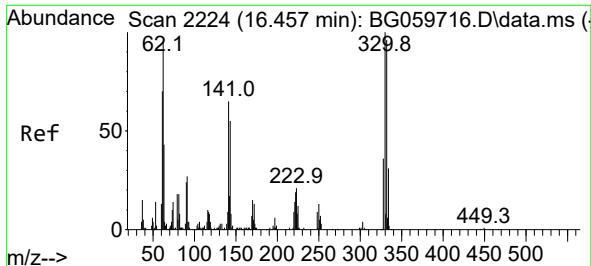
Tgt Ion: 82 Resp: 161091
Ion Ratio Lower Upper
82 100
128 28.7 23.0 34.6
54 41.9 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.964 min Scan# 1970
Delta R.T. -0.007 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

Tgt Ion:164 Resp: 106787
Ion Ratio Lower Upper
164 100
162 92.2 73.3 109.9
160 52.5 34.1 51.1#

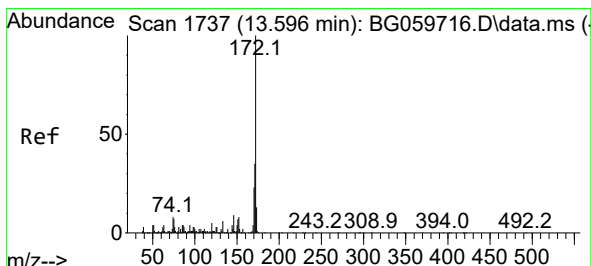
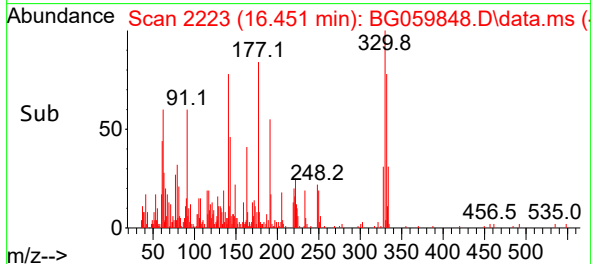
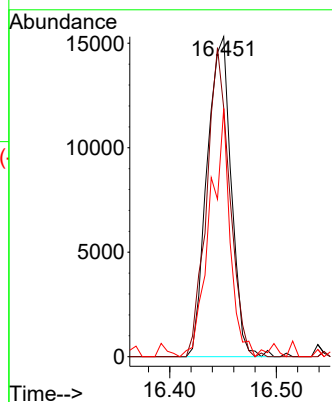
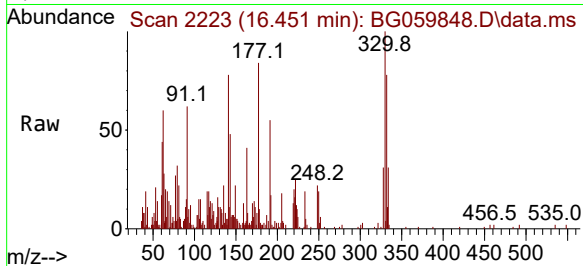




#42
2,4,6-Tribromophenol
Concen: 19.911 ng
RT: 16.451 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

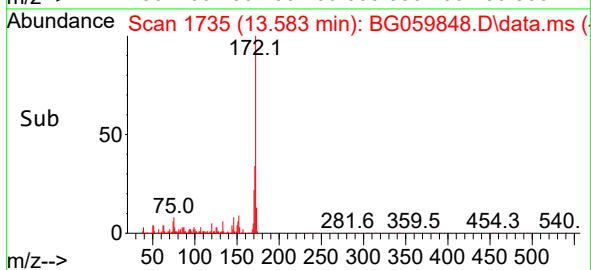
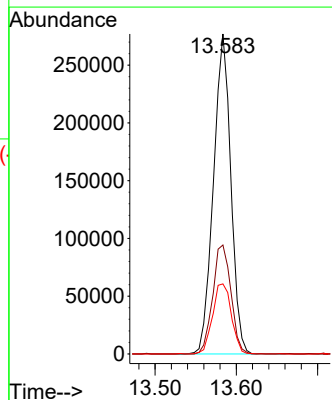
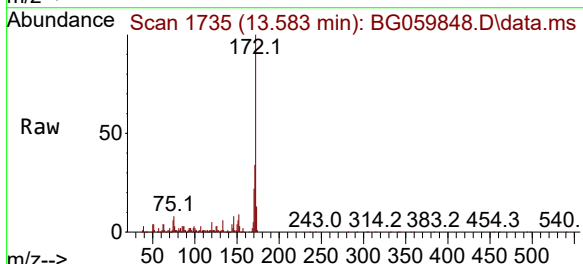
Instrument :
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ClientSampleId :
SP-A-COMP

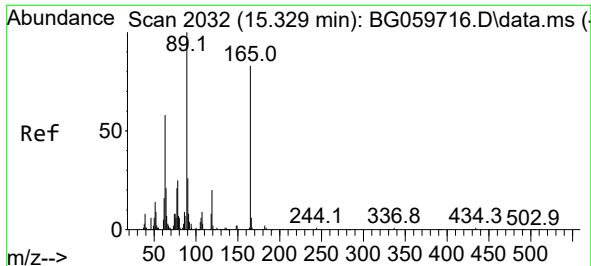
Tgt Ion:330 Resp: 24125
Ion Ratio Lower Upper
330 100
332 91.4 73.3 109.9
141 64.5 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 51.774 ng
RT: 13.583 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

Tgt Ion:172 Resp: 410745
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 21.9 18.4 27.6





#57

2,4-Dinitrotoluene

Concen: 5.607 ng

RT: 14.952 min Scan# 1968

Delta R.T. -0.377 min

Lab File: BG059848.D

Acq: 23 Nov 2023 11:58

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP

Tgt Ion:165 Resp: 13536

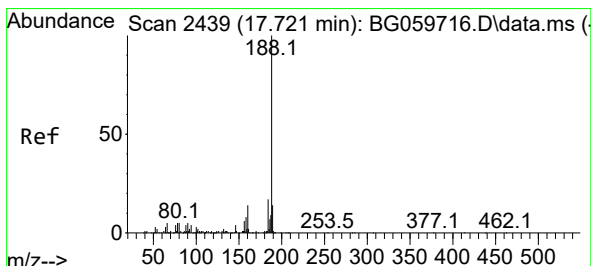
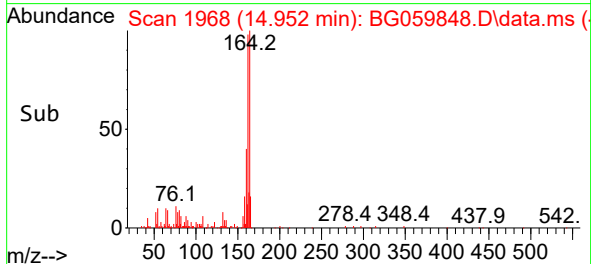
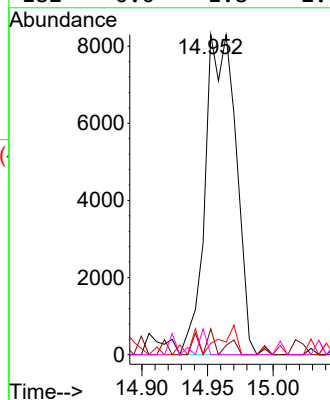
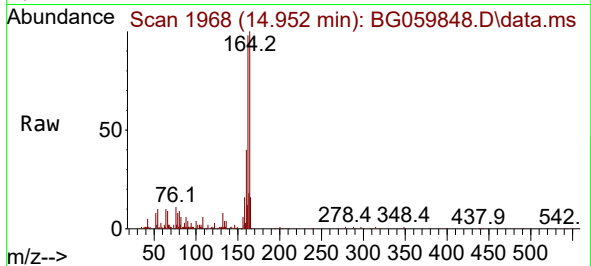
Ion Ratio Lower Upper

165 100

63 8.1 55.8 83.8#

89 3.6 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.714 min Scan# 2438

Delta R.T. -0.007 min

Lab File: BG059848.D

Acq: 23 Nov 2023 11:58

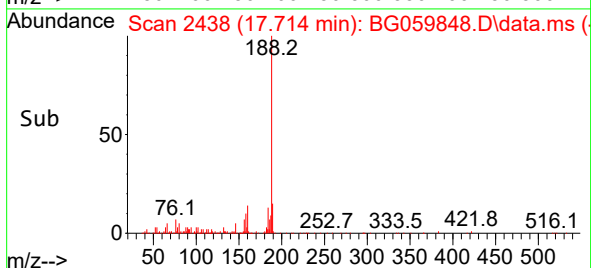
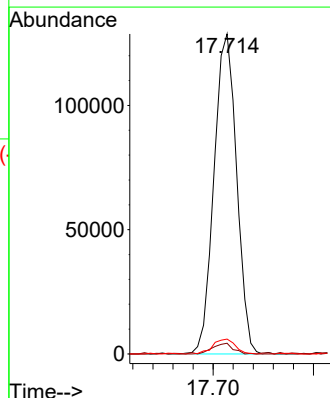
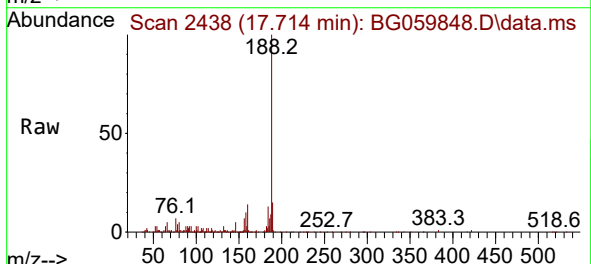
Tgt Ion:188 Resp: 201660

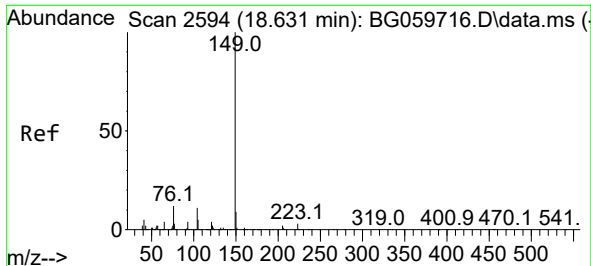
Ion Ratio Lower Upper

188 100

94 3.4 3.0 4.4

80 4.7 4.2 6.4

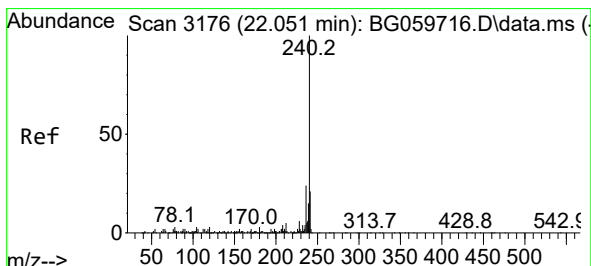
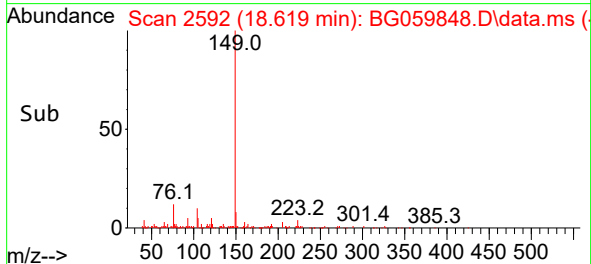
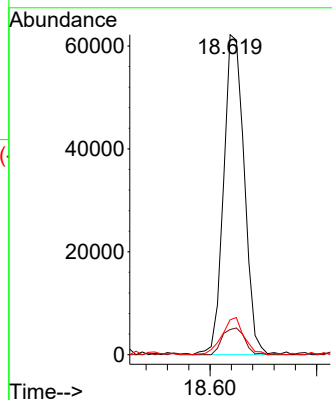
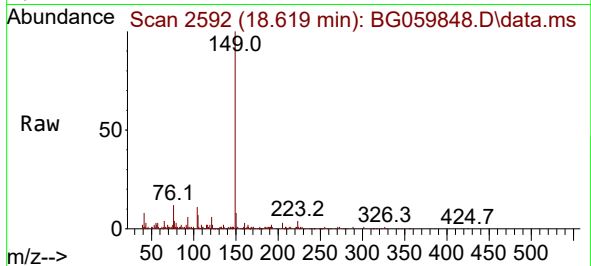




#74
Di-n-butylphthalate
Concen: 7.417 ng
RT: 18.619 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

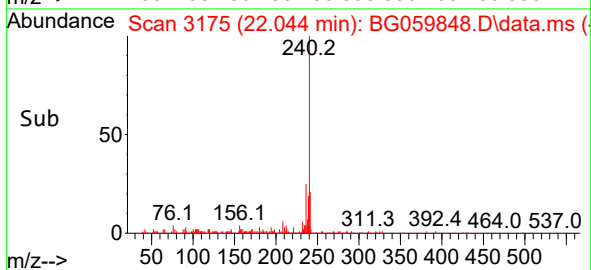
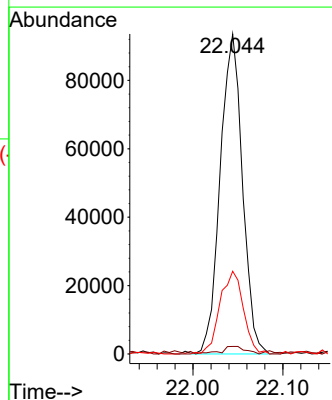
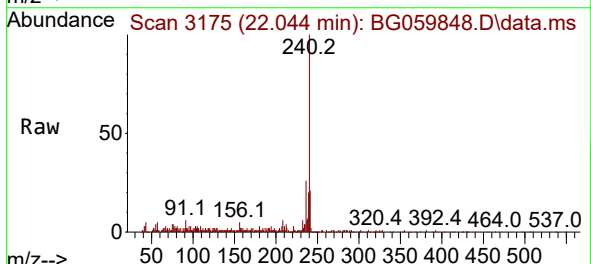
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP

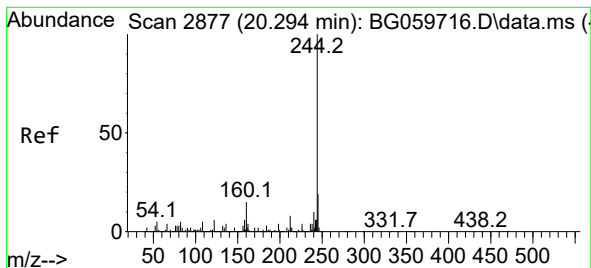
Tgt Ion:149 Resp: 83438
Ion Ratio Lower Upper
149 100
150 7.8 7.5 11.3
104 10.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.044 min Scan# 3175
Delta R.T. -0.007 min
Lab File: BG059848.D
Acq: 23 Nov 2023 11:58

Tgt Ion:240 Resp: 161151
Ion Ratio Lower Upper
240 100
120 2.4 2.2 3.2
236 25.9 19.4 29.2





#79

Terphenyl-d14

Concen: 56.682 ng

RT: 20.287 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG059848.D

Acq: 23 Nov 2023 11:58

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP

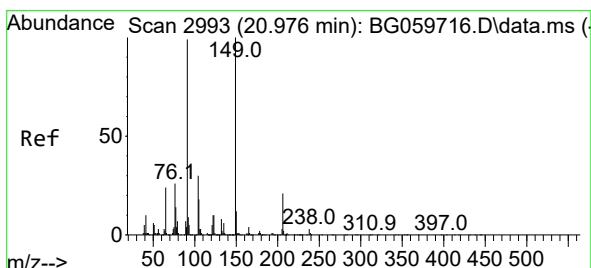
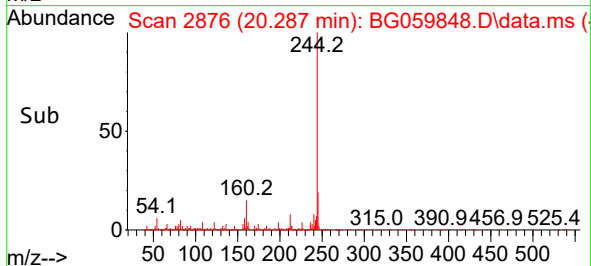
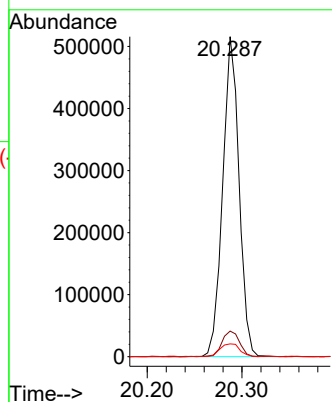
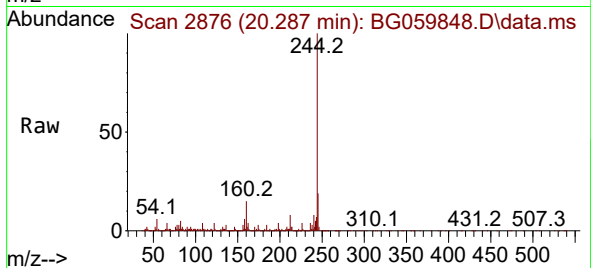
Tgt Ion:244 Resp: 618759

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

122 4.0 4.4 6.6#



#80

Butylbenzylphthalate

Concen: 54.373 ng

RT: 20.969 min Scan# 2992

Delta R.T. -0.007 min

Lab File: BG059848.D

Acq: 23 Nov 2023 11:58

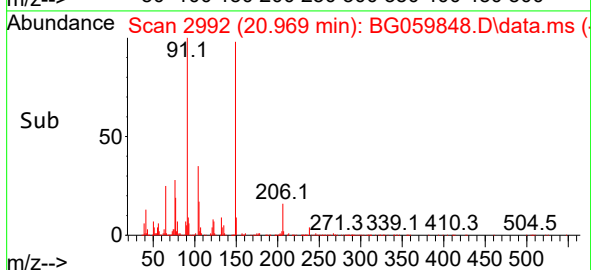
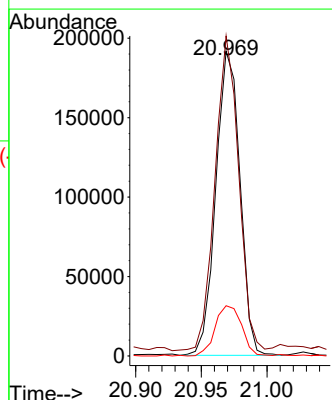
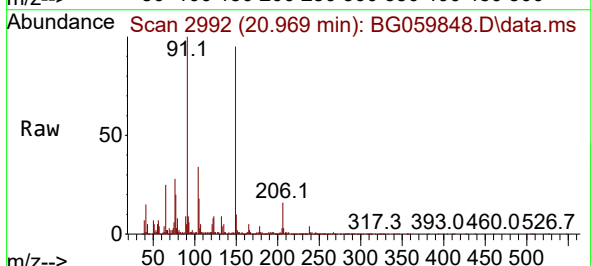
Tgt Ion:149 Resp: 244460

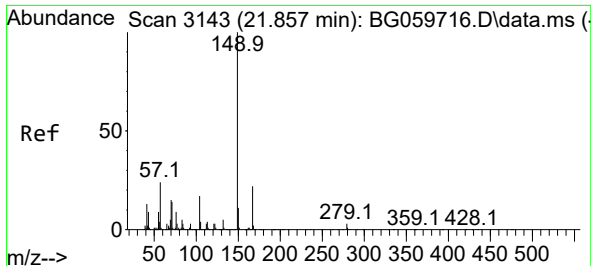
Ion Ratio Lower Upper

149 100

91 105.0 79.6 119.4

206 16.5 16.9 25.3#

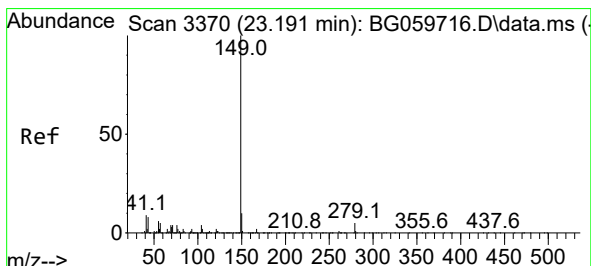
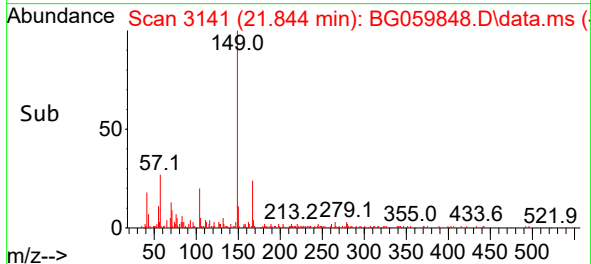
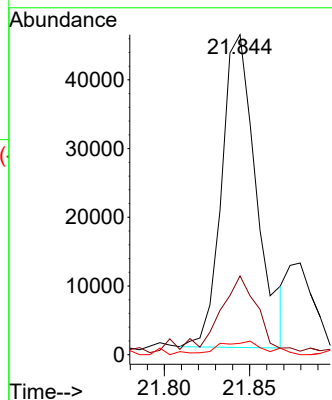
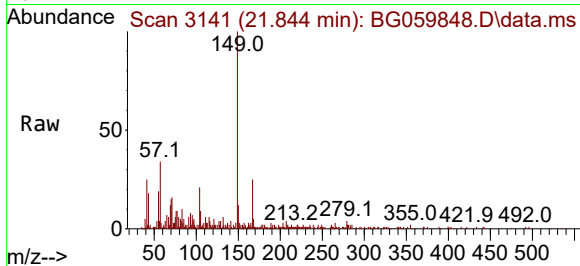




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.248 ng
 RT: 21.844 min Scan# 3141
 Delta R.T. -0.013 min
 Lab File: BG059848.D
 Acq: 23 Nov 2023 11:58

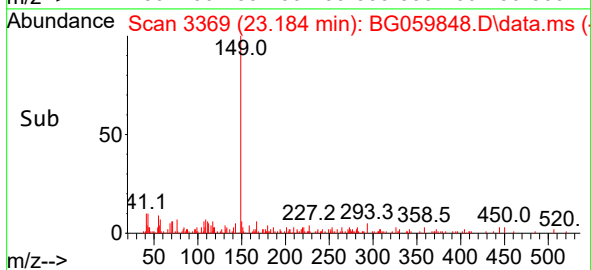
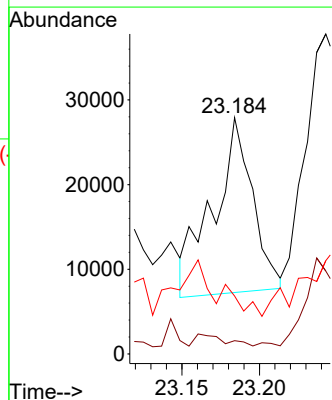
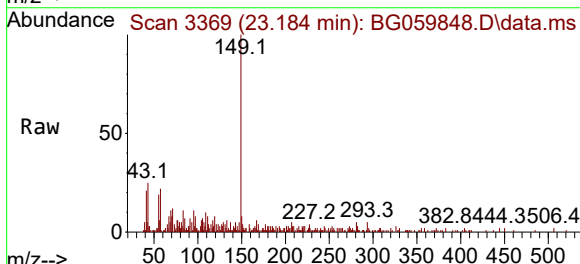
Instrument :
 BNA_G
 ClientSampleId :
 SP-A-COMP

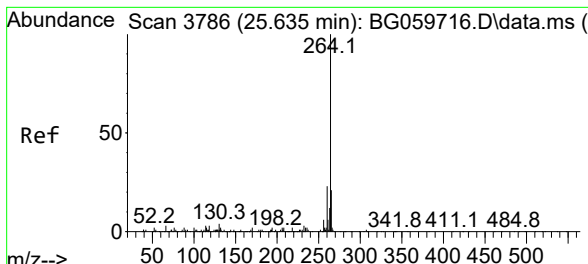
Tgt Ion:149 Resp: 64412
 Ion Ratio Lower Upper
 149 100
 167 24.6 17.6 26.4
 279 3.5 2.7 4.1



#85
 Di-n-octyl phthalate
 Concen: 3.020 ng
 RT: 23.184 min Scan# 3369
 Delta R.T. -0.007 min
 Lab File: BG059848.D
 Acq: 23 Nov 2023 11:58

Tgt Ion:149 Resp: 36540
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 6.3 9.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.628 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: BG059848.D
 Acq: 23 Nov 2023 11:58

Instrument :
 BNA_G
 ClientSampleId :
 SP-A-COMP

Tgt Ion:264 Resp: 195294

Ion	Ratio	Lower	Upper
264	100		
260	19.9	18.5	27.7
265	20.1	17.0	25.6

