

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
 Data File : BG054718.D
 Acq On : 24 Aug 2022 13:19
 Operator : CG/JU
 Sample : PB146994BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 24 15:14:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

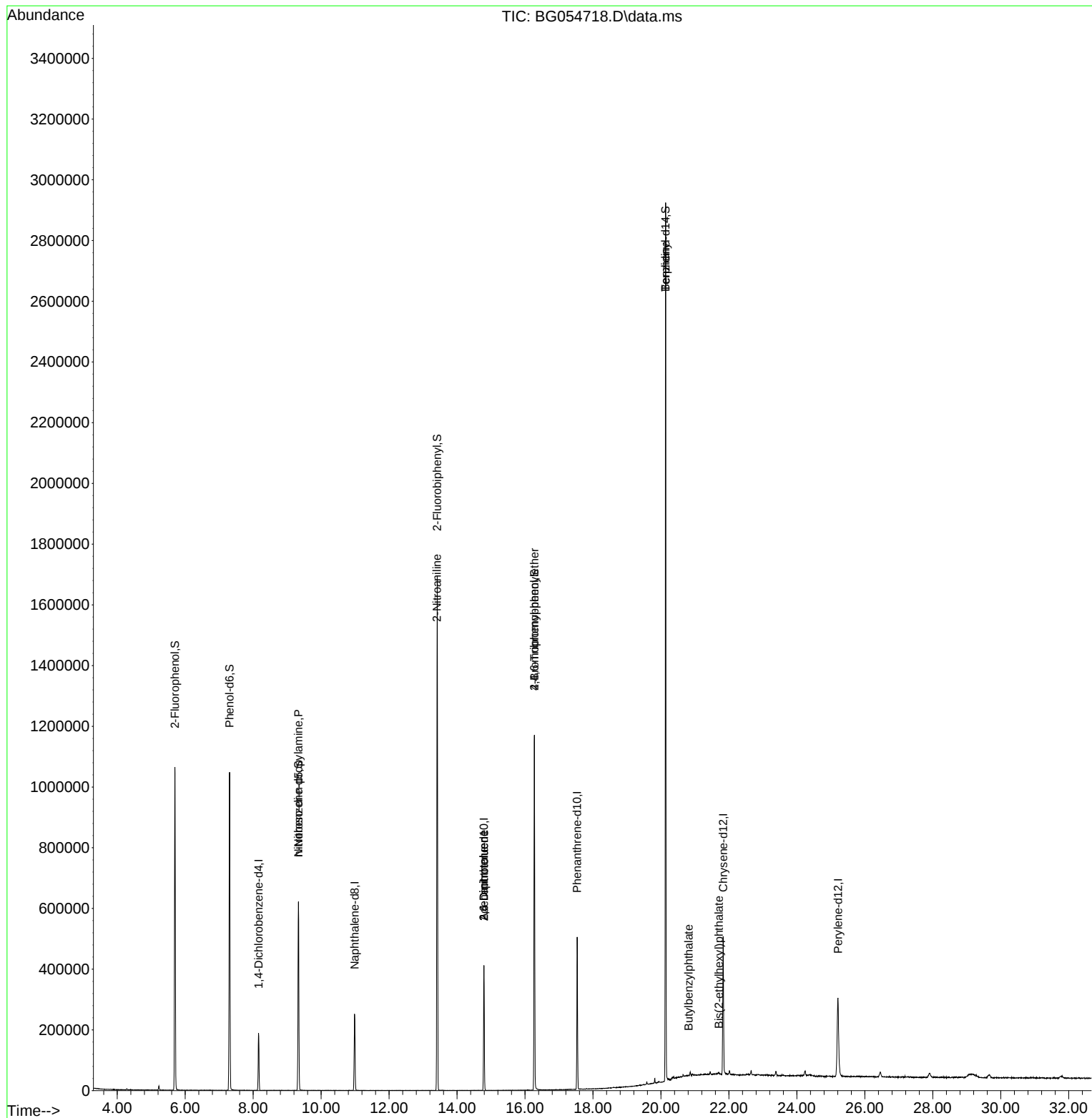
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.156	152	54682	20.000	ng	0.00
21) Naphthalene-d8	10.982	136	224620	20.000	ng	0.00
39) Acenaphthene-d10	14.789	164	145125	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	318295	20.000	ng	0.00
76) Chrysene-d12	21.828	240	284947	20.000	ng	0.00
86) Perylene-d12	25.207	264	288005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	485128	167.182	ng	0.00
7) Phenol-d6	7.304	99	631601	155.337	ng	0.00
23) Nitrobenzene-d5	9.331	82	391294	99.276	ng	0.00
42) 2,4,6-Tribromophenol	16.276	330	236388	203.393	ng	0.00
45) 2-Fluorobiphenyl	13.415	172	881073	89.531	ng	0.00
79) Terphenyl-d14	20.136	244	1371257	95.595	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.331	70	50336	17.595	ng	# 81
48) 2-Nitroaniline	13.409	65	1498	4.238	ng	# 11
51) 2,6-Dinitrotoluene	14.789	165	19607	11.032	ng	# 21
57) 2,4-Dinitrotoluene	14.789	165	19607	11.018	ng	# 19
67) 4-Bromophenyl-phenylether	16.276	248	15964	5.210	ng	# 1
77) Benzidine	20.136	184	21849	3.532	ng	# 92
80) Butylbenzylphthalate	20.812	149	686	5.245	ng	# 84
84) Bis(2-ethylhexyl)phtha...	21.705	149	1985	4.383	ng	# 90

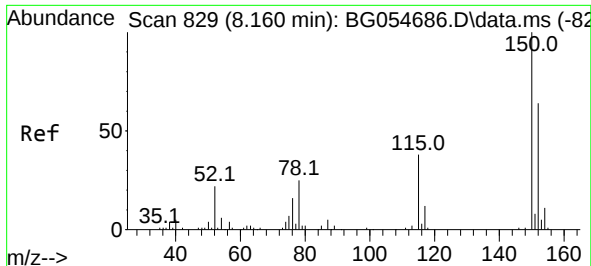
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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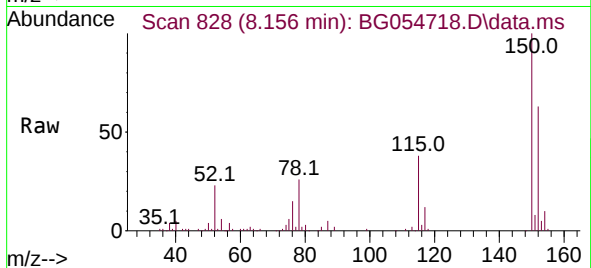
Quant Time: Aug 24 15:14:31 2022
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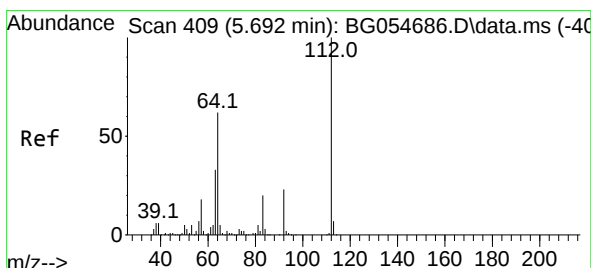
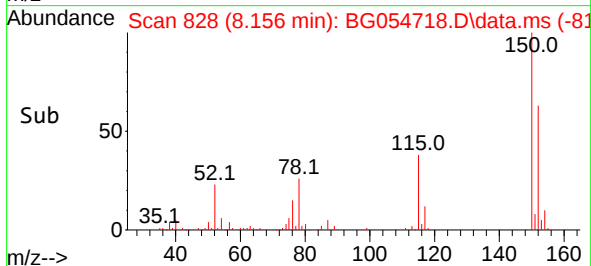
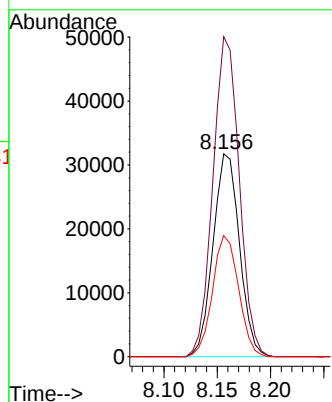


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.156 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

Instrument :
MSVOA_D
ClientSampleId :

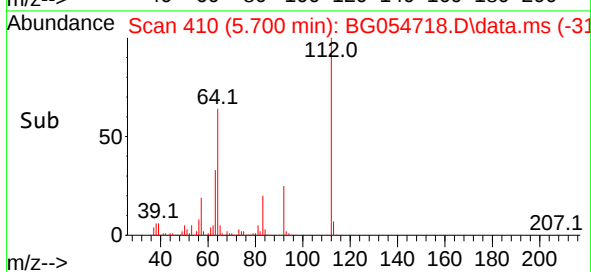
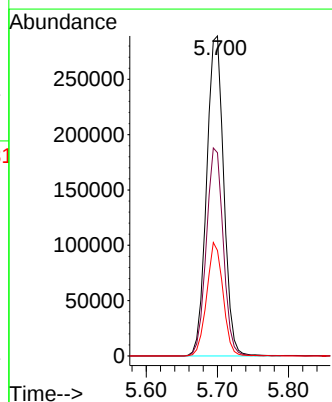
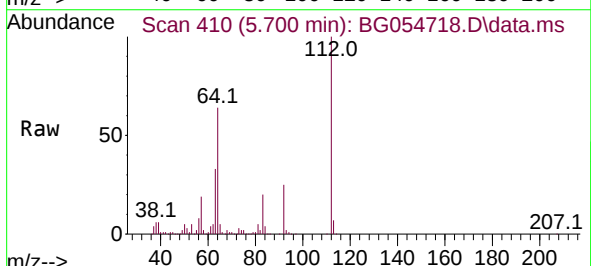


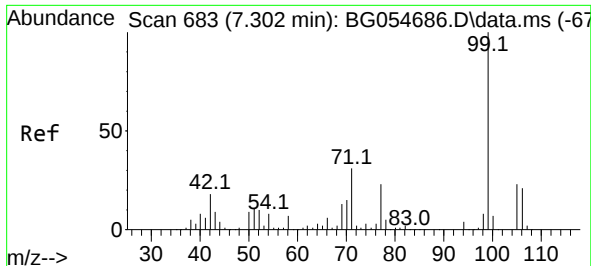
Tgt Ion:152 Resp: 54682
Ion Ratio Lower Upper
152 100
150 157.8 125.2 187.8
115 59.7 47.9 71.9



#5
2-Fluorophenol
Concen: 167.182 ng
RT: 5.700 min Scan# 410
Delta R.T. 0.008 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

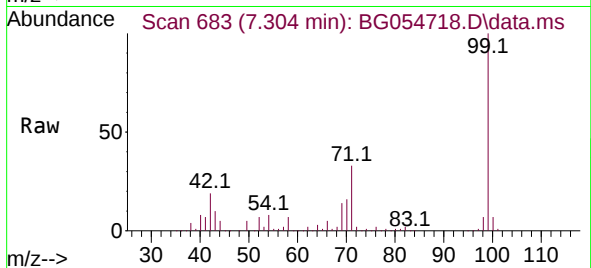
Tgt Ion:112 Resp: 485128
Ion Ratio Lower Upper
112 100
64 63.5 49.3 73.9
63 33.0 26.3 39.5



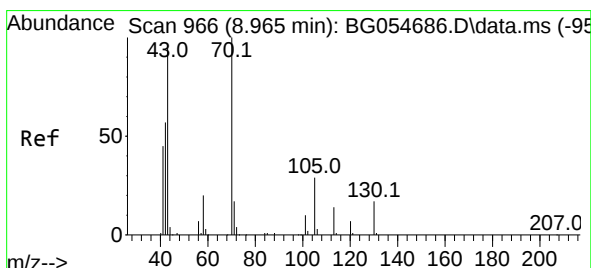
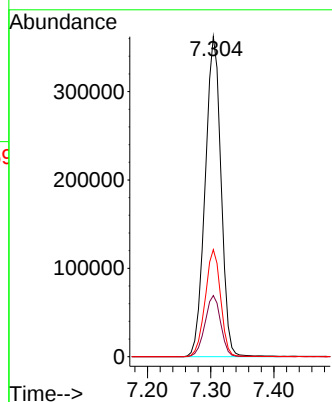
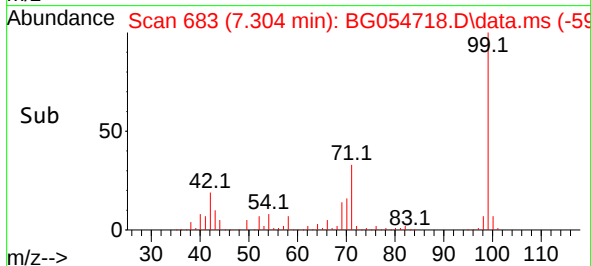


#7
Phenol-d6
Concen: 155.337 ng
RT: 7.304 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

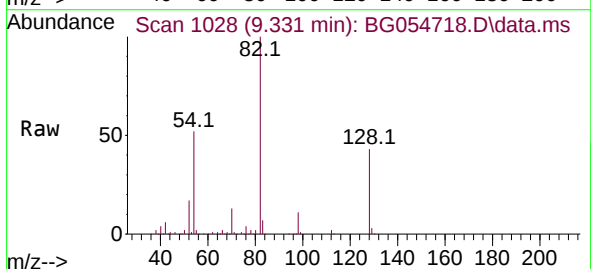
Instrument :
MSVOA_D
ClientSampleId :



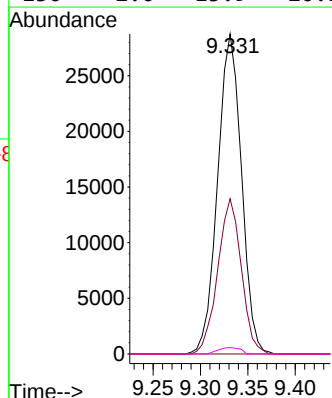
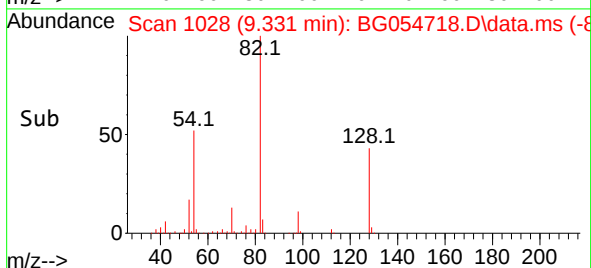
Tgt Ion: 99 Resp: 631601
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 33.4 24.6 37.0

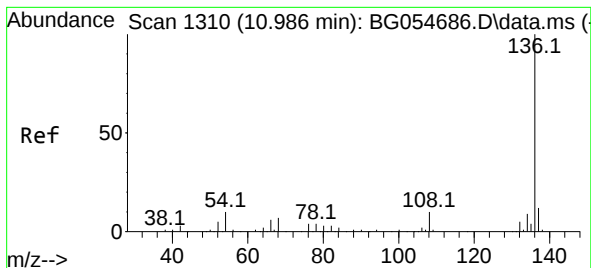


#19
n-Nitroso-di-n-propylamine
Concen: 17.595 ng
RT: 9.331 min Scan# 1028
Delta R.T. 0.367 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19



Tgt Ion: 70 Resp: 50336
Ion Ratio Lower Upper
70 100
42 48.5 46.6 69.8
101 0.0 7.7 11.5#
130 2.0 13.9 20.9#

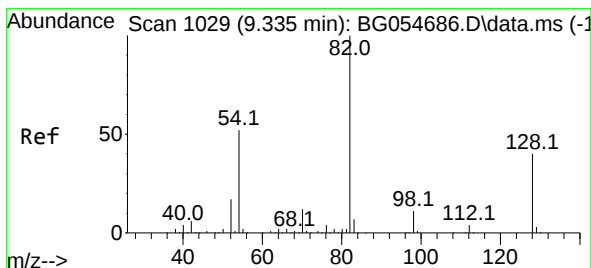
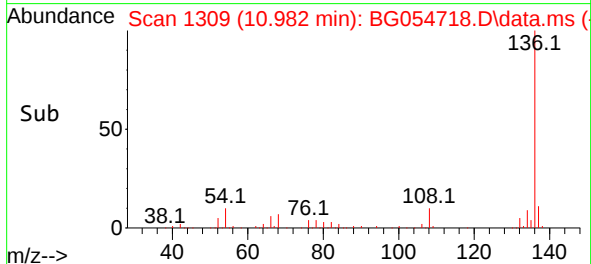
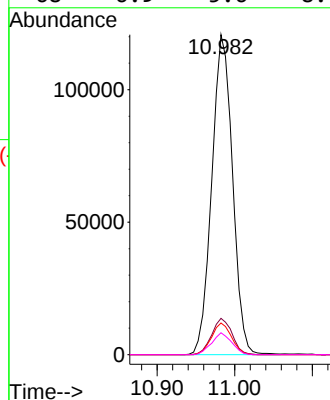
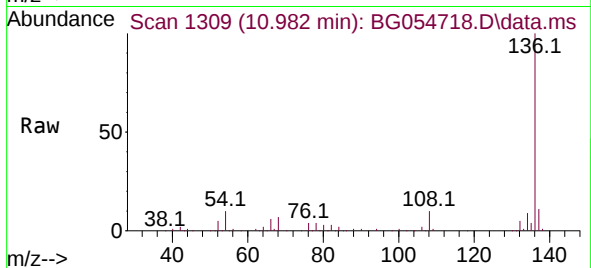




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.982 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

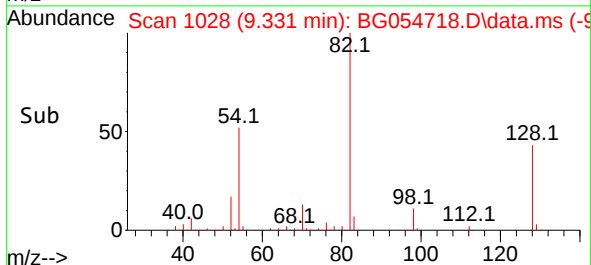
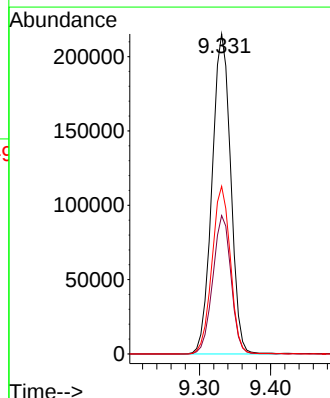
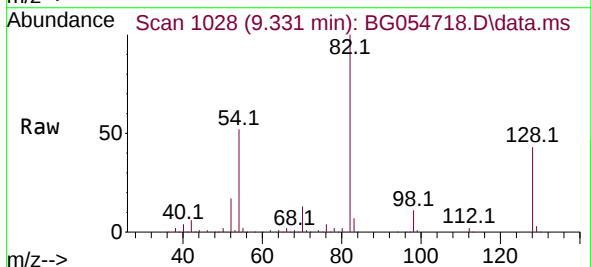
Instrument :
MSVOA_D
ClientSampleId :

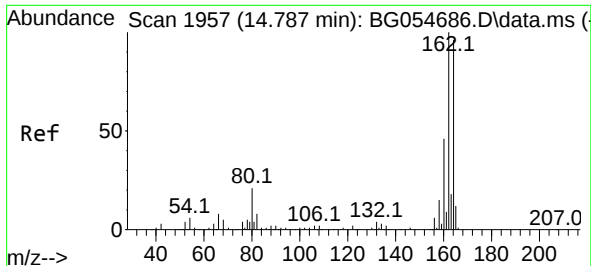
Tgt Ion:136	Resp: 224620
Ion Ratio	Lower Upper
136 100	
137 11.3	9.2 13.8
54 9.9	7.7 11.5
68 6.9	5.6 8.4



#23
Nitrobenzene-d5
Concen: 99.276 ng
RT: 9.331 min Scan# 1028
Delta R.T. -0.003 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

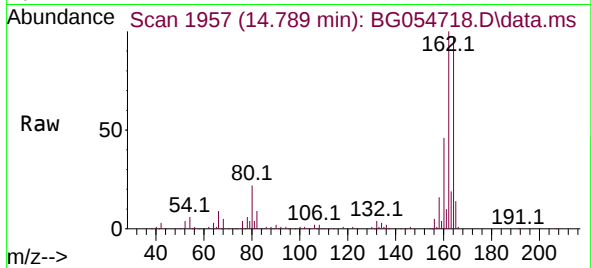
Tgt Ion: 82	Resp: 391294
Ion Ratio	Lower Upper
82 100	
128 43.2	32.2 48.2
54 52.4	41.4 62.0



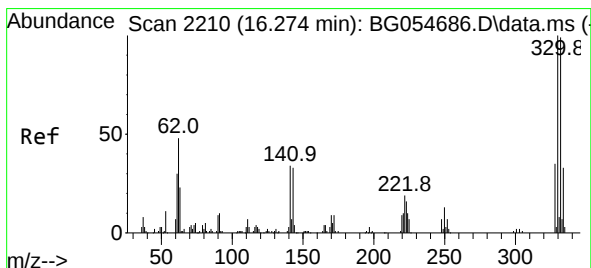
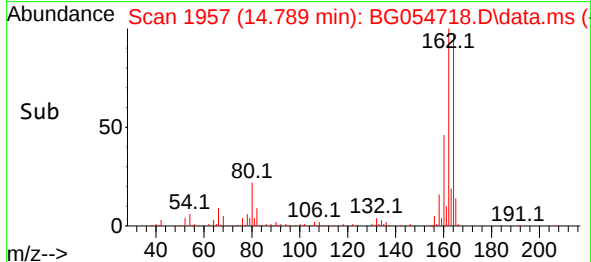
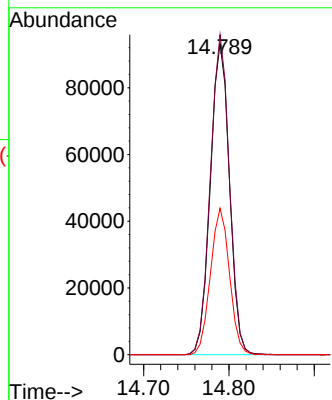


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.789 min Scan# 1957
Delta R.T. 0.002 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

Instrument :
MSVOA_D
ClientSampleId :

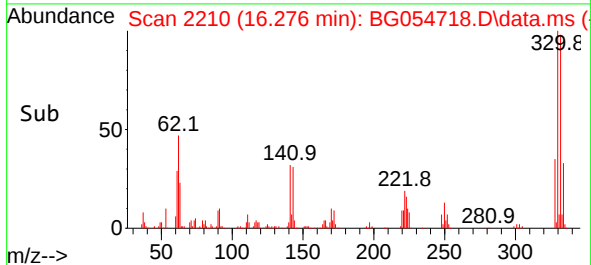
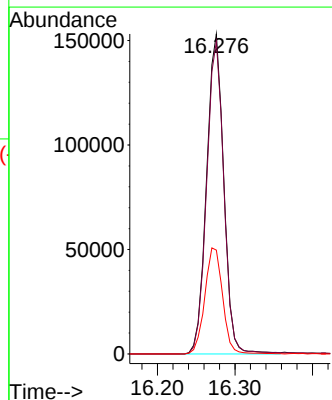
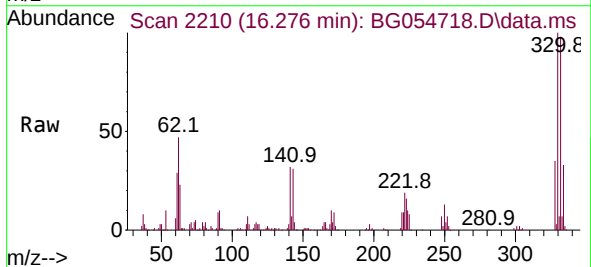


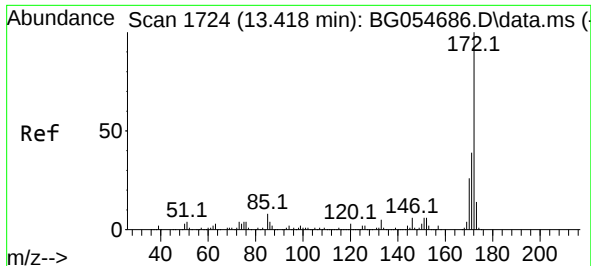
Tgt Ion:164 Resp: 145125
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.4
160 47.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 203.393 ng
RT: 16.276 min Scan# 2210
Delta R.T. 0.002 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

Tgt Ion:330 Resp: 236388
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 34.3 26.8 40.2

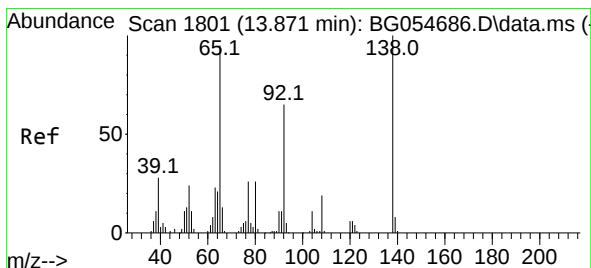
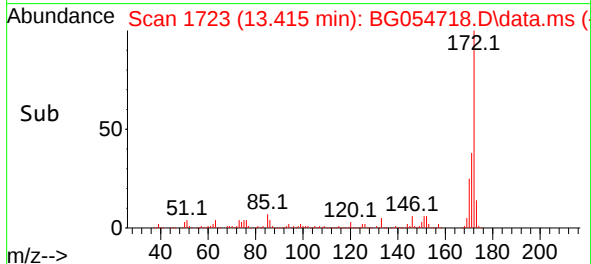
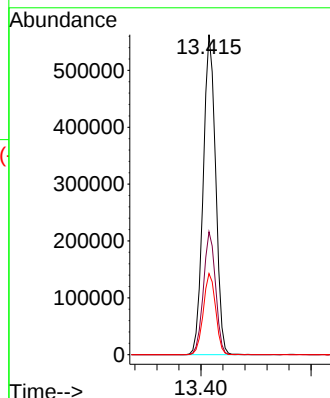
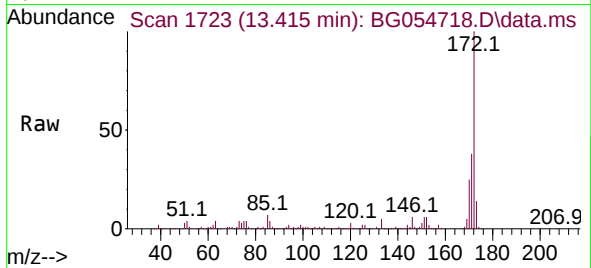




#45
2-Fluorobiphenyl
Concen: 89.531 ng
RT: 13.415 min Scan# 1722
Delta R.T. -0.003 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

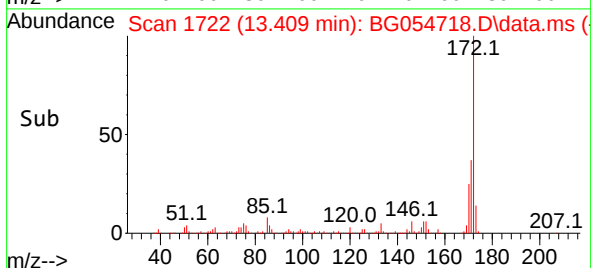
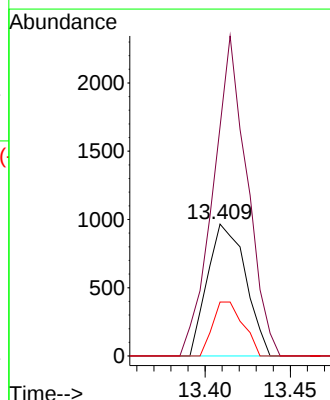
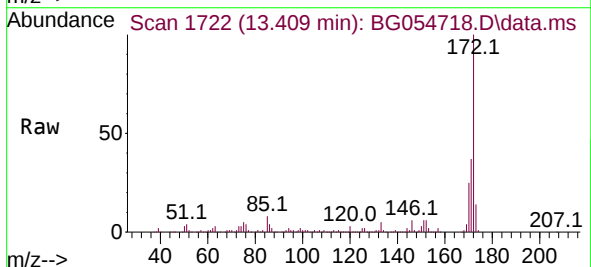
Instrument :
MSVOA_D
ClientSampleId :

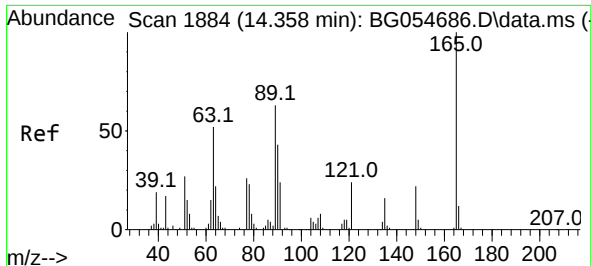
Tgt Ion:172 Resp: 881073
Ion Ratio Lower Upper
172 100
171 38.4 31.2 46.8
170 25.3 20.6 30.8



#48
2-Nitroaniline
Concen: 4.238 ng
RT: 13.409 min Scan# 1722
Delta R.T. -0.462 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

Tgt Ion: 65 Resp: 1498
Ion Ratio Lower Upper
65 100
92 173.7 54.7 82.1#
138 40.9 84.1 126.1#

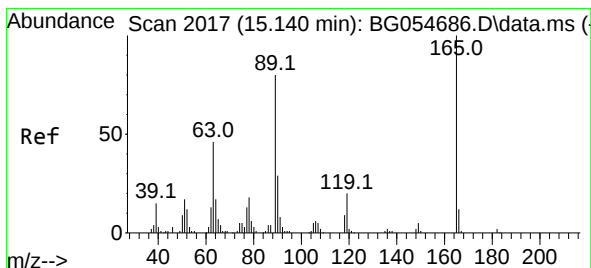
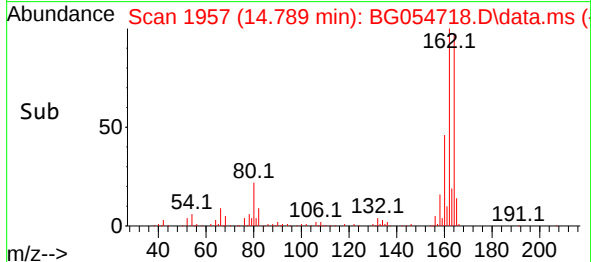
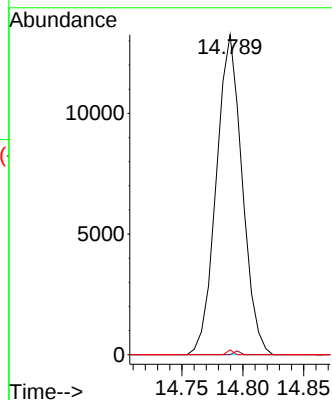
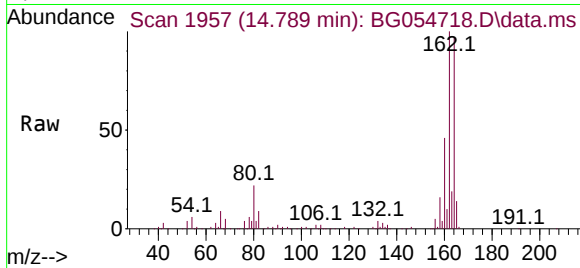




#51
2,6-Dinitrotoluene
Concen: 11.032 ng
RT: 14.789 min Scan# 1957
Delta R.T. 0.431 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

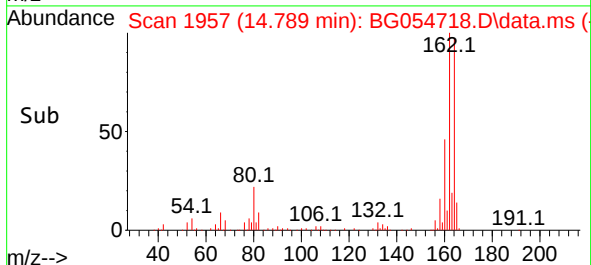
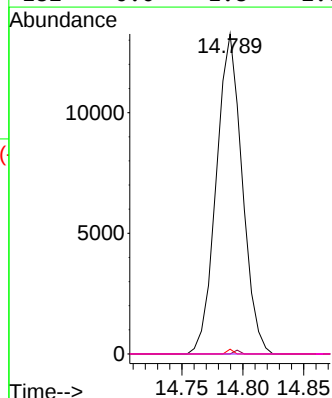
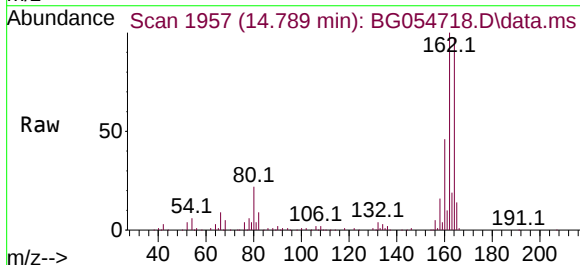
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MSVOA_D
ClientSampleId :

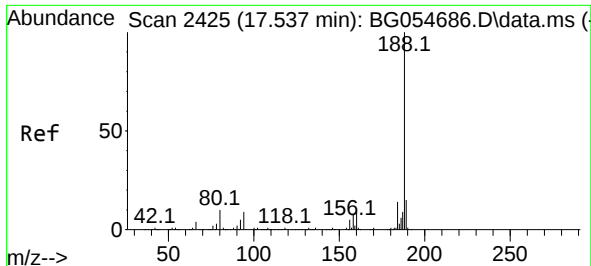
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	1.5	50.3	75.5#



#57
2,4-Dinitrotoluene
Concen: 11.018 ng
RT: 14.789 min Scan# 1957
Delta R.T. -0.351 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.8	55.2#
89	1.5	64.3	96.5#
182	0.0	1.8	2.6#

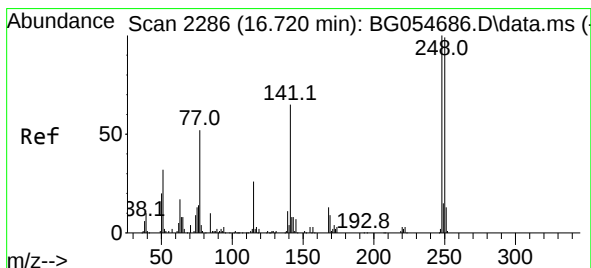
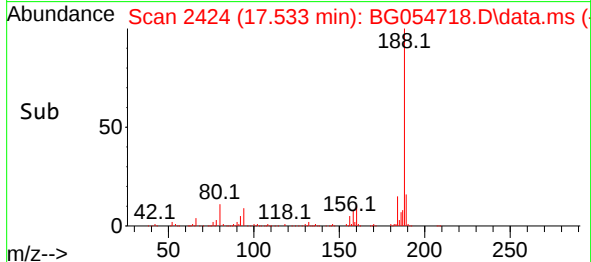
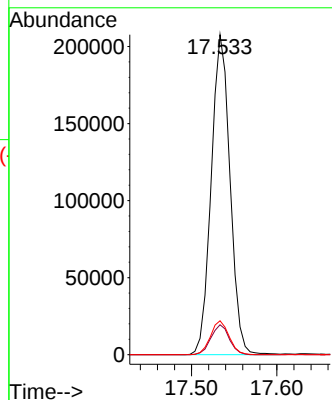
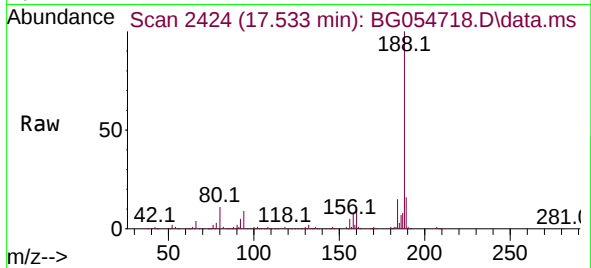




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.533 min Scan# 2425
Delta R.T. -0.004 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

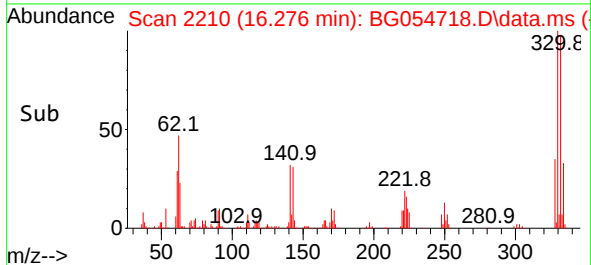
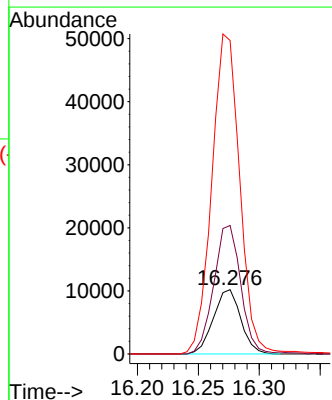
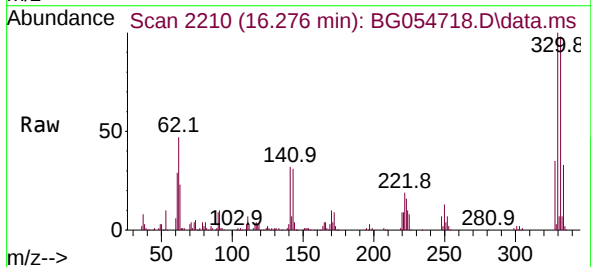
Instrument :
MSVOA_D
ClientSampleId :

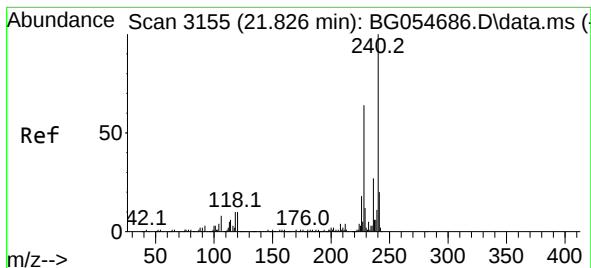
Tgt Ion:188 Resp: 318295
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.210 ng
RT: 16.276 min Scan# 2210
Delta R.T. -0.444 min
Lab File: BG054718.D
Acq: 24 Aug 2022 13:19

Tgt Ion:248 Resp: 15964
Ion Ratio Lower Upper
248 100
250 199.5 78.8 118.2#
141 486.8 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.828 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG054718.D

Acq: 24 Aug 2022 13:19

Instrument :

MSVOA_D

ClientSampleId :

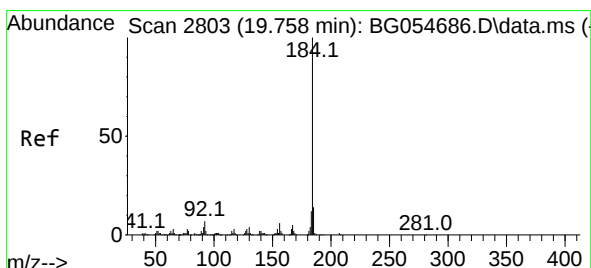
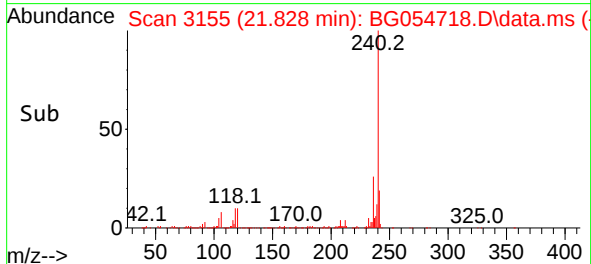
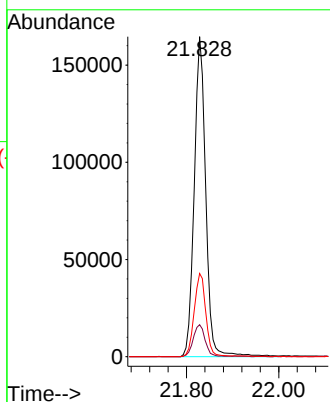
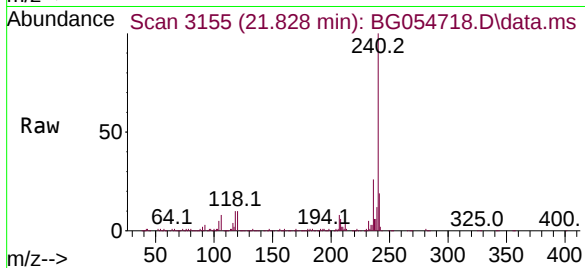
Tgt Ion:240 Resp: 284947

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.4

236 26.0 21.2 31.8



#77

Benzidine

Concen: 3.532 ng

RT: 20.136 min Scan# 2867

Delta R.T. 0.378 min

Lab File: BG054718.D

Acq: 24 Aug 2022 13:19

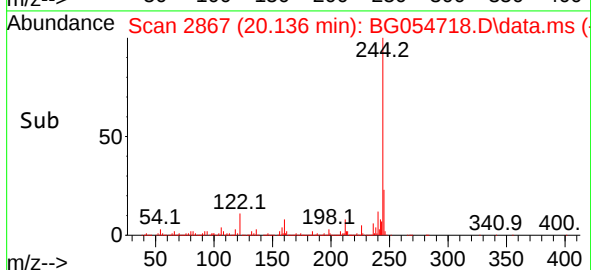
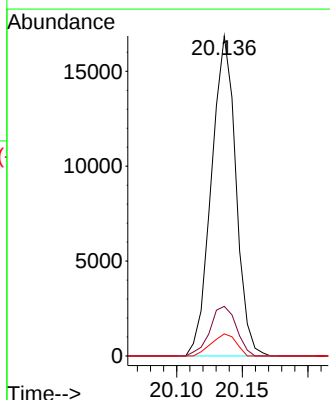
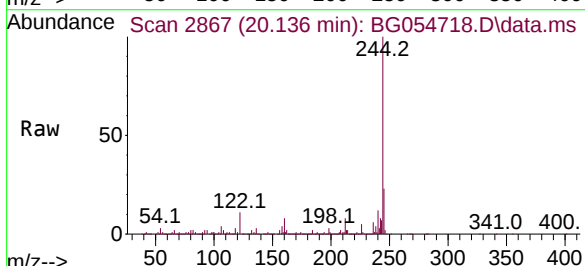
Tgt Ion:184 Resp: 21849

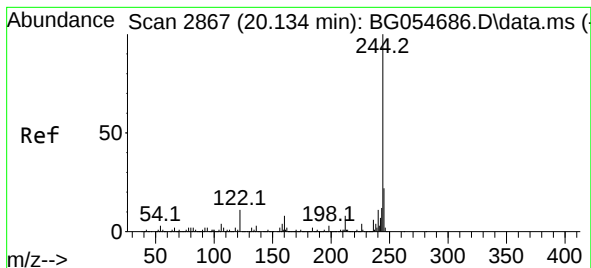
Ion Ratio Lower Upper

184 100

185 15.5 11.4 17.0

183 6.9 9.8 14.8#





#79

Terphenyl-d14

Concen: 95.595 ng

RT: 20.136 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054718.D

Acq: 24 Aug 2022 13:19

Instrument :

MSVOA_D

ClientSampleId :

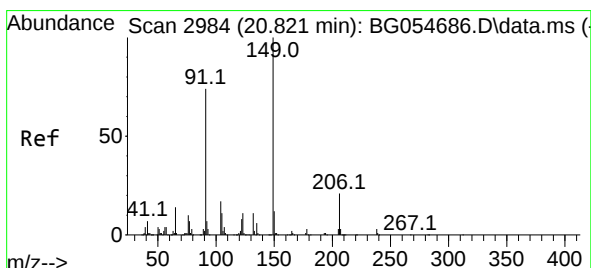
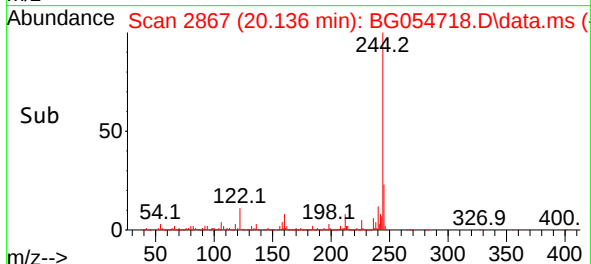
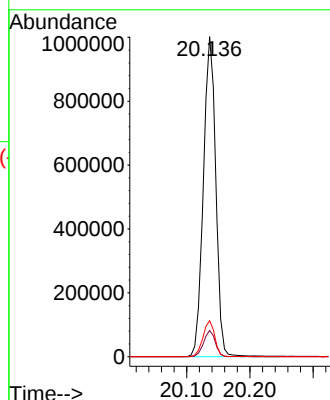
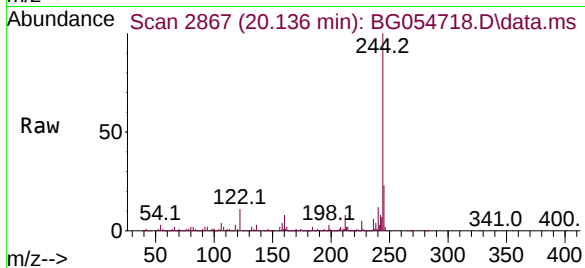
Tgt Ion:244 Resp: 1371257

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

122 11.2 9.0 13.6



#80

Butylbenzylphthalate

Concen: 5.245 ng

RT: 20.812 min Scan# 2982

Delta R.T. -0.009 min

Lab File: BG054718.D

Acq: 24 Aug 2022 13:19

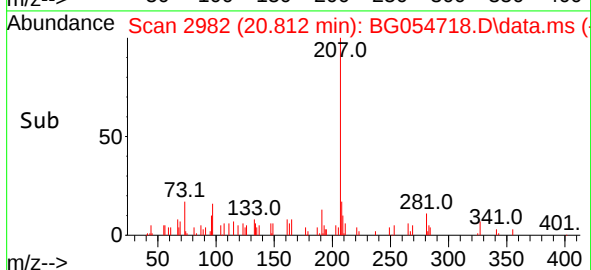
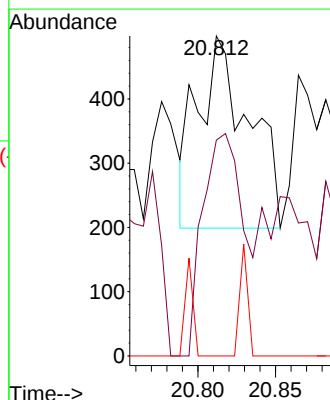
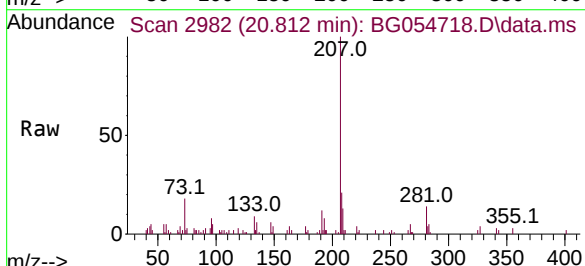
Tgt Ion:149 Resp: 686

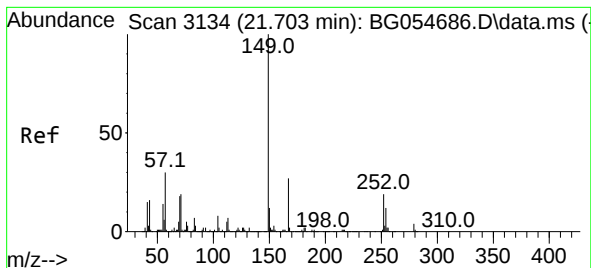
Ion Ratio Lower Upper

149 100

91 67.5 59.5 89.3

206 0.0 16.6 25.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.383 ng

RT: 21.705 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG054718.D

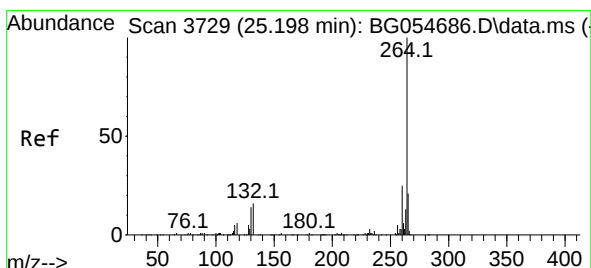
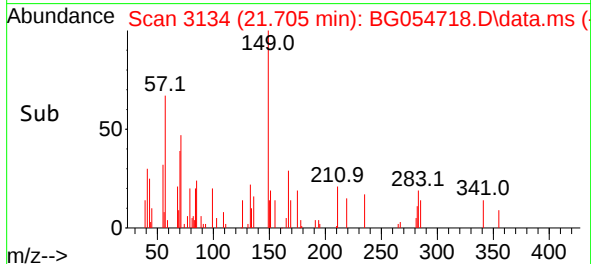
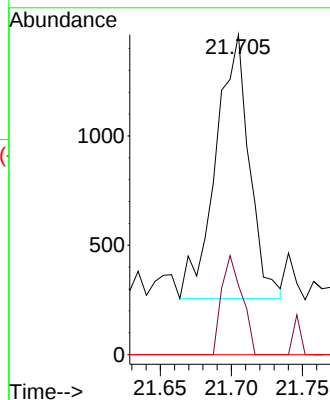
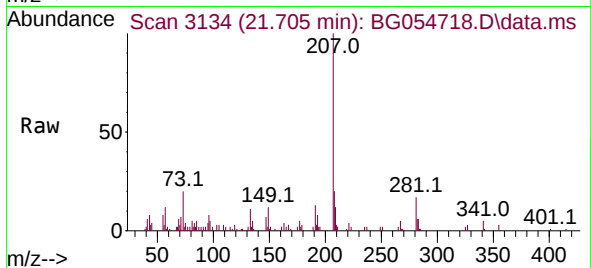
Acq: 24 Aug 2022 13:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:149	Resp:	1985
Ion Ratio	Lower	Upper
149	100	
167	21.7	21.4 32.0
279	0.0	3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.207 min Scan# 3730

Delta R.T. 0.008 min

Lab File: BG054718.D

Acq: 24 Aug 2022 13:19

Tgt Ion:264	Resp:	288005
Ion Ratio	Lower	Upper
264	100	
260	25.0	19.9 29.9
265	21.4	16.9 25.3

