

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
 Data File : BG054721.D
 Acq On : 24 Aug 2022 15:32
 Operator : CG/JU
 Sample : N4260-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 24 16:13:25 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)

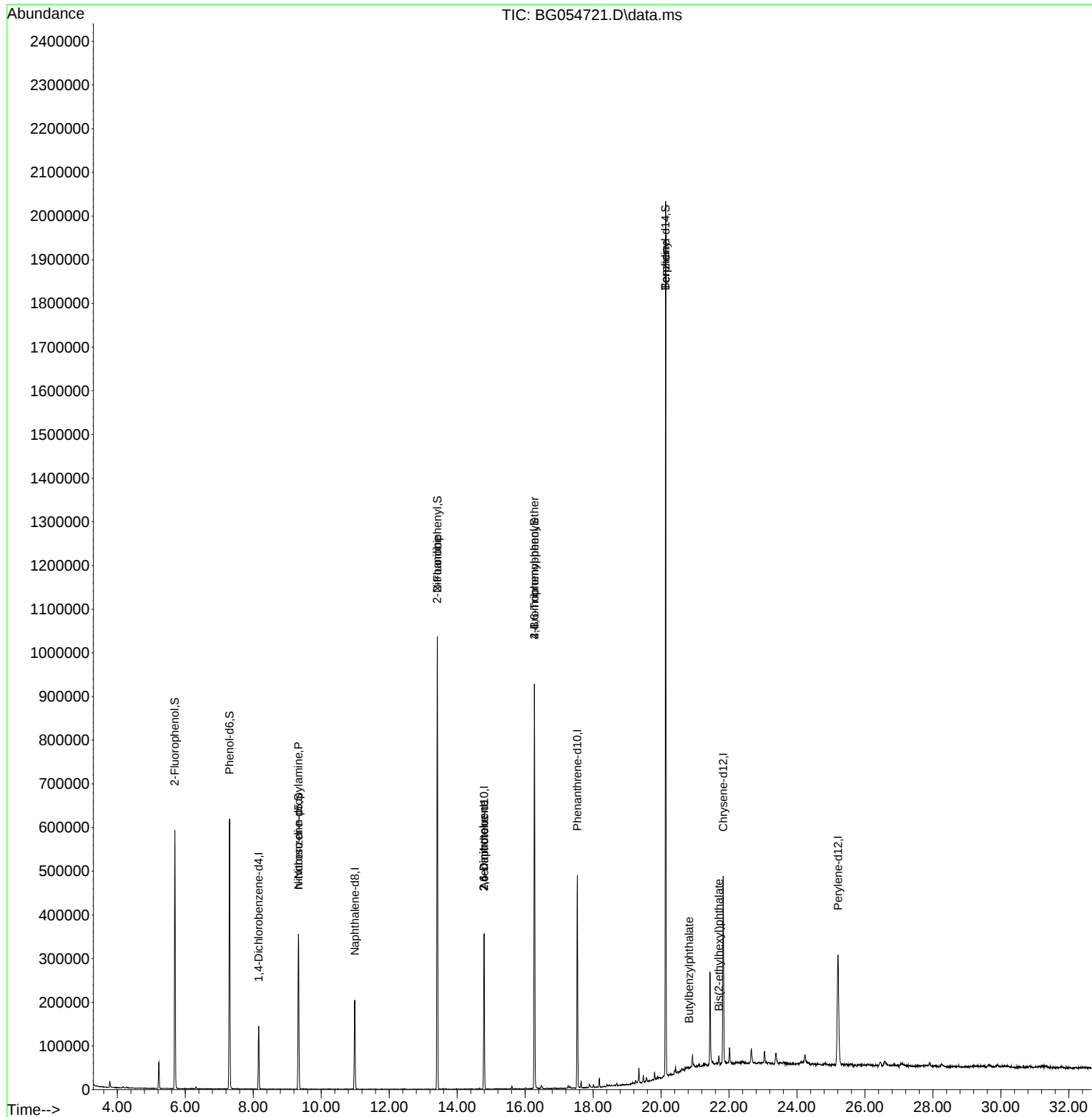
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	41839	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	181594	20.000	ng	0.00
39) Acenaphthene-d10	14.794	164	131648	20.000	ng	0.00
64) Phenanthrene-d10	17.538	188	312710	20.000	ng	0.00
76) Chrysene-d12	21.827	240	273594	20.000	ng	0.00
86) Perylene-d12	25.206	264	284901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	267570	120.513	ng	0.00
7) Phenol-d6	7.303	99	373463	120.045	ng	0.00
23) Nitrobenzene-d5	9.330	82	225008	70.613	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	184655	175.146	ng	0.00
45) 2-Fluorobiphenyl	13.420	172	560759	62.816	ng	0.00
79) Terphenyl-d14	20.135	244	989241	71.825	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.330	70	28422	12.985	ng	# 84
48) 2-Nitroaniline	13.414	65	893	4.008	ng	# 15
51) 2,6-Dinitrotoluene	14.789	165	17076	10.591	ng	# 22
57) 2,4-Dinitrotoluene	14.789	165	17076	10.750	ng	# 19
67) 4-Bromophenyl-phenylether	16.275	248	12205	4.055	ng	# 1
77) Benzidine	20.135	184	15437	2.599	ng	# 89
80) Butylbenzylphthalate	20.823	149	512	5.224	ng	# 76
84) Bis(2-ethylhexyl)phtha...	21.704	149	7692	4.930	ng	# 98

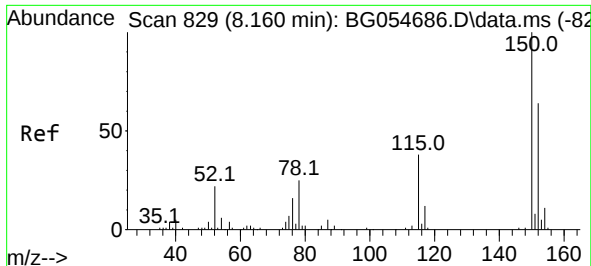
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

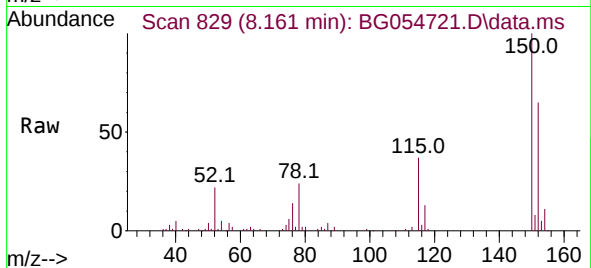
Quant Time: Aug 24 16:13:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration



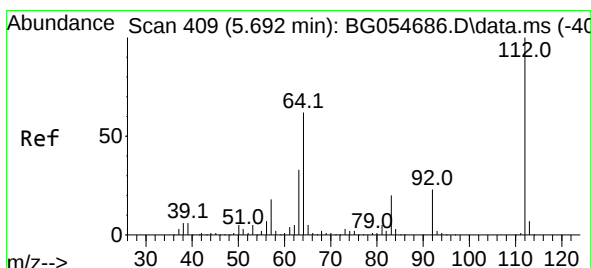
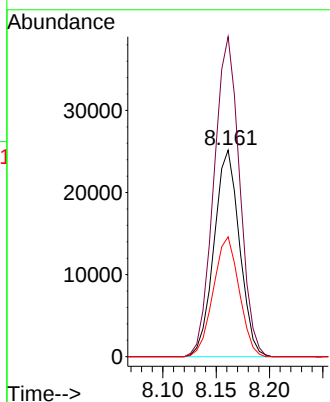
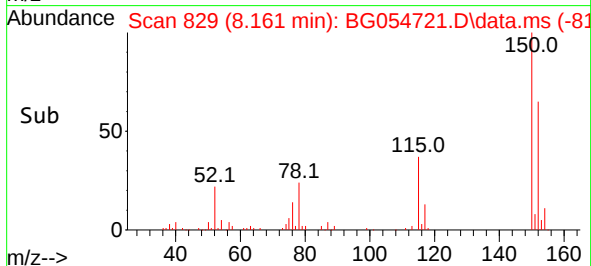


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32

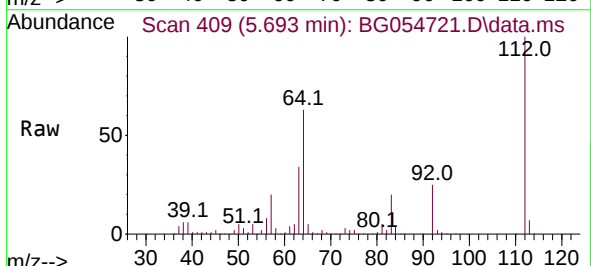
Instrument :
MSVOA_D
ClientSampleId :



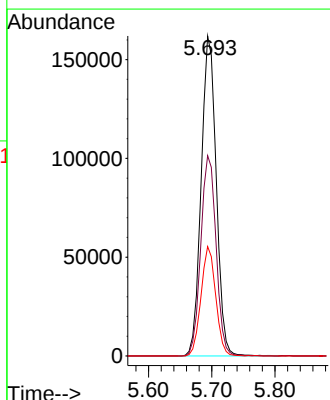
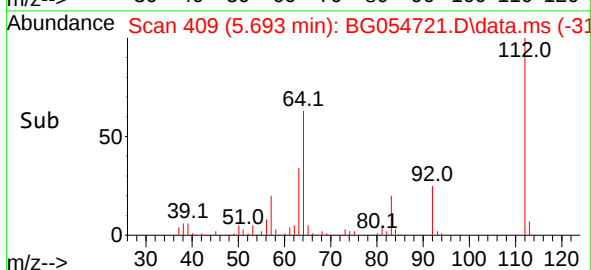
Tgt Ion:152 Resp: 41839
Ion Ratio Lower Upper
152 100
150 154.9 125.2 187.8
115 58.0 47.9 71.9

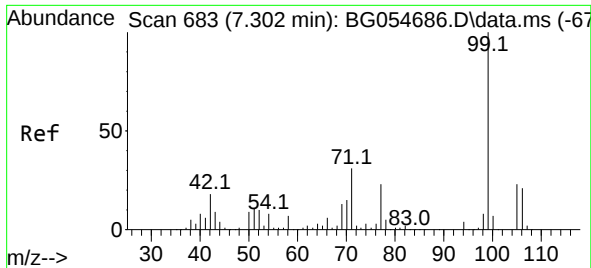


#5
2-Fluorophenol
Concen: 120.513 ng
RT: 5.693 min Scan# 409
Delta R.T. 0.002 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32



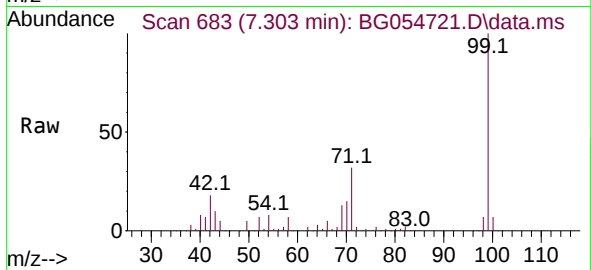
Tgt Ion:112 Resp: 267570
Ion Ratio Lower Upper
112 100
64 62.6 49.3 73.9
63 34.2 26.3 39.5



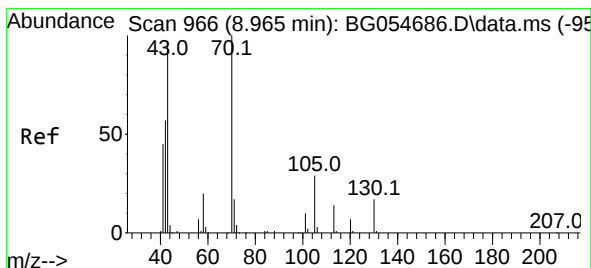
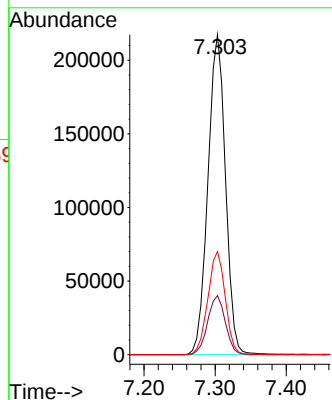
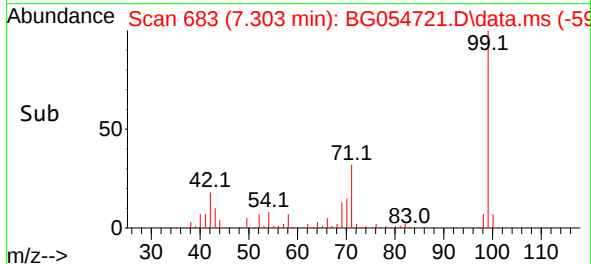


#7
Phenol-d6
Concen: 120.045 ng
RT: 7.303 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32

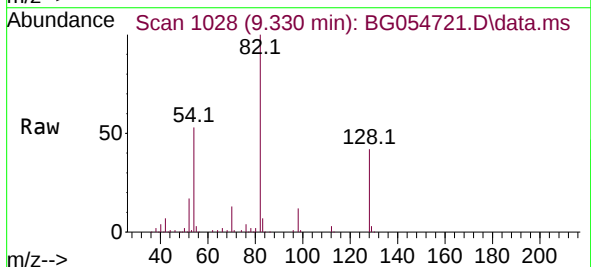
Instrument :
MSVOA_D
ClientSampleId :



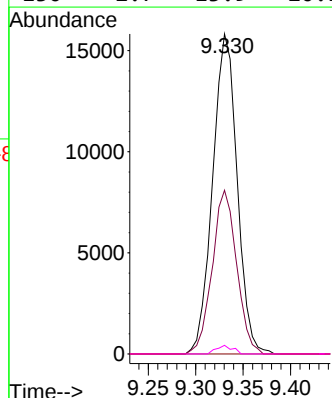
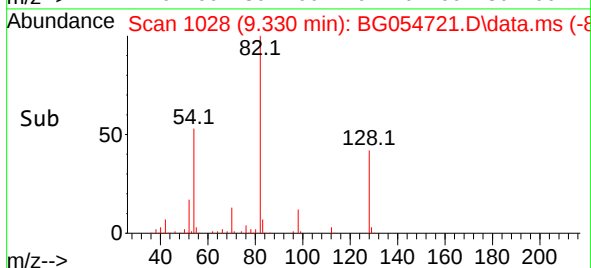
Tgt Ion: 99 Resp: 373463
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 32.3 24.6 37.0

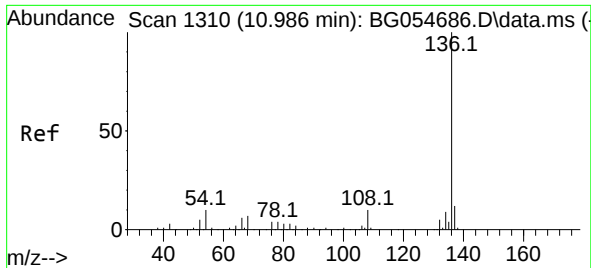


#19
n-Nitroso-di-n-propylamine
Concen: 12.985 ng
RT: 9.330 min Scan# 1028
Delta R.T. 0.366 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32



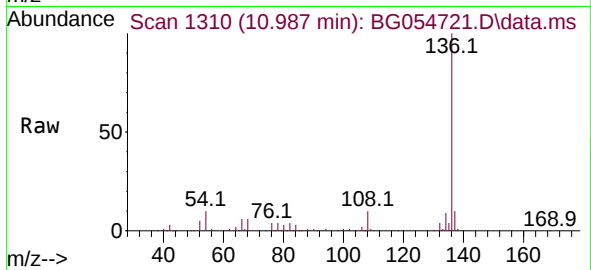
Tgt Ion: 70 Resp: 28422
Ion Ratio Lower Upper
70 100
42 51.2 46.6 69.8
101 0.0 7.7 11.5#
130 2.7 13.9 20.9#



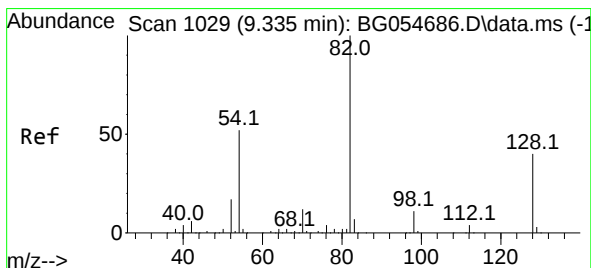
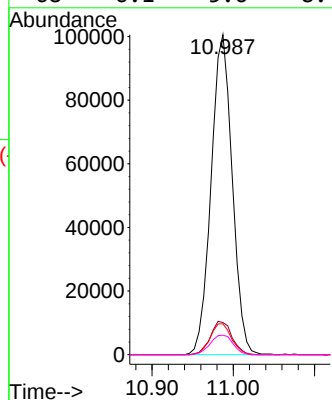


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32

Instrument :
MSVOA_D
ClientSampleId :

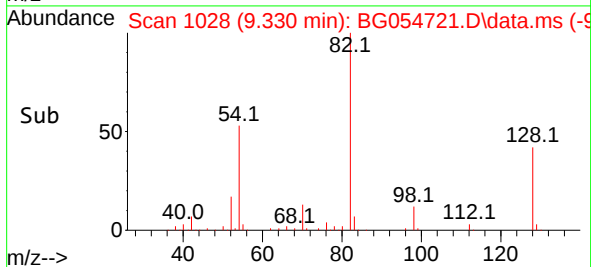
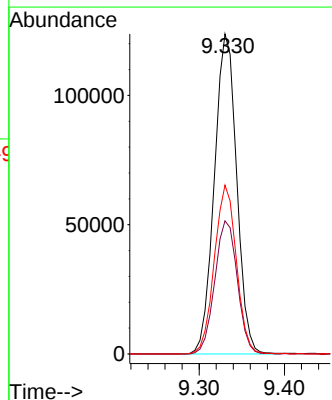
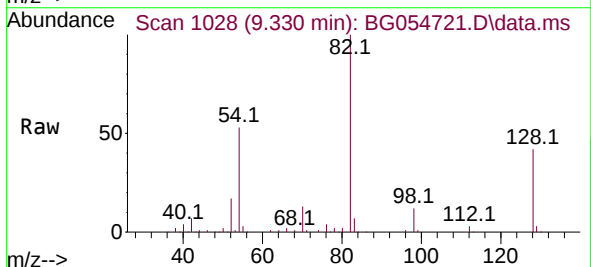


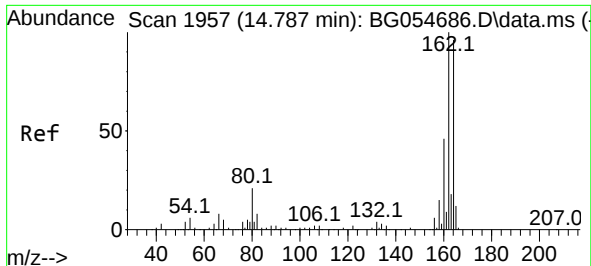
Tgt Ion:	136	Resp:	181594
Ion Ratio	Lower	Upper	
136	100		
137	10.1	9.2	13.8
54	9.7	7.7	11.5
68	6.1	5.6	8.4



#23
Nitrobenzene-d5
Concen: 70.613 ng
RT: 9.330 min Scan# 1028
Delta R.T. -0.004 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32

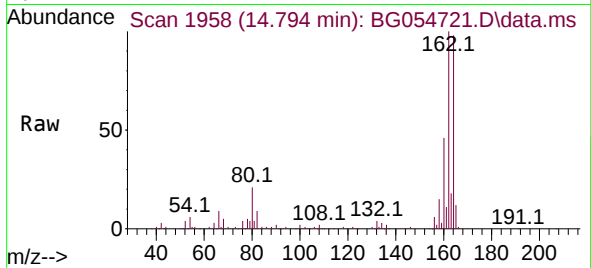
Tgt Ion:	82	Resp:	225008
Ion Ratio	Lower	Upper	
82	100		
128	41.6	32.2	48.2
54	52.8	41.4	62.0



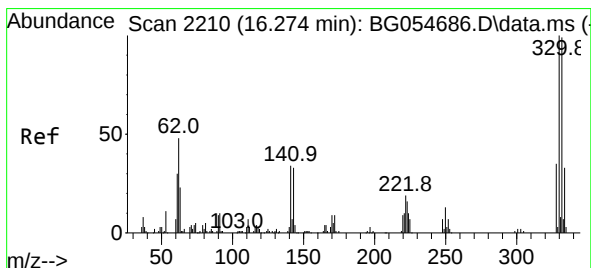
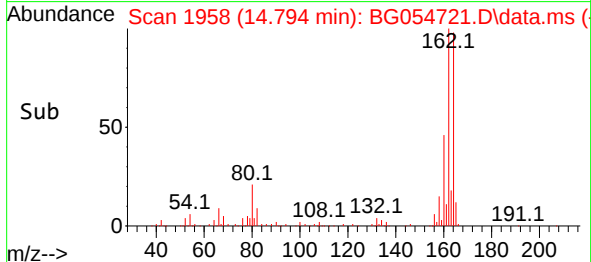
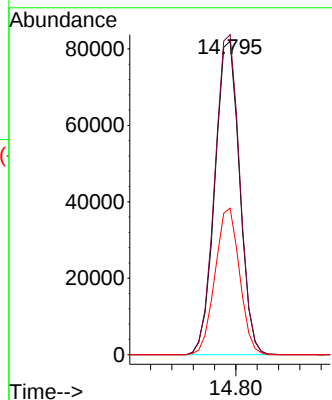


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.794 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32

Instrument :
MSVOA_D
ClientSampleId :

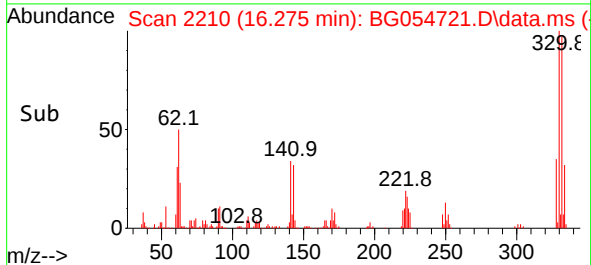
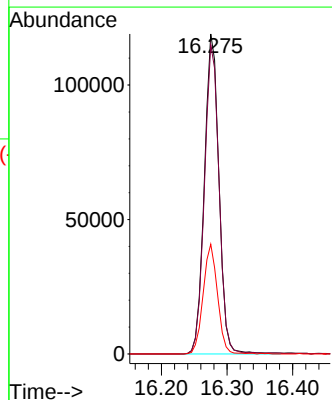
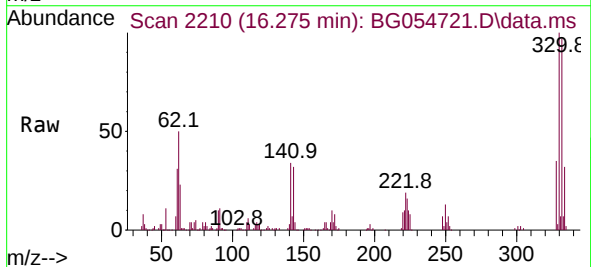


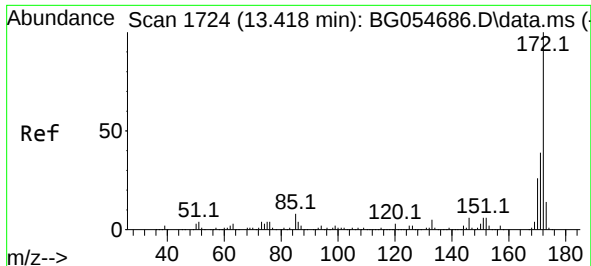
Tgt Ion:164 Resp: 131648
Ion Ratio Lower Upper
164 100
162 102.1 83.0 124.4
160 46.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 175.146 ng
RT: 16.275 min Scan# 2210
Delta R.T. 0.002 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32

Tgt Ion:330 Resp: 184655
Ion Ratio Lower Upper
330 100
332 96.7 79.8 119.6
141 33.7 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 62.816 ng

RT: 13.420 min Scan# 1

Delta R.T. 0.002 min

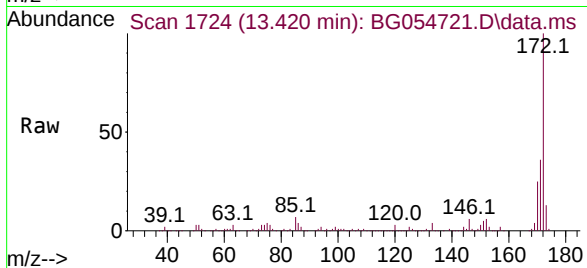
Lab File: BG054721.D

Acq: 24 Aug 2022 15:32

Instrument :

MSVOA_D

ClientSampleId :



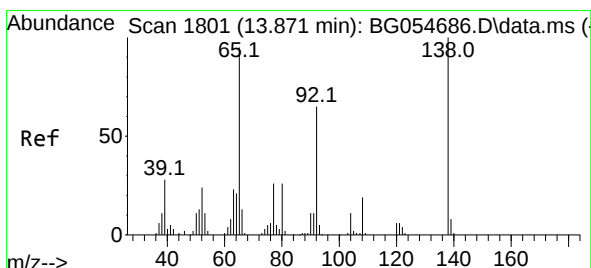
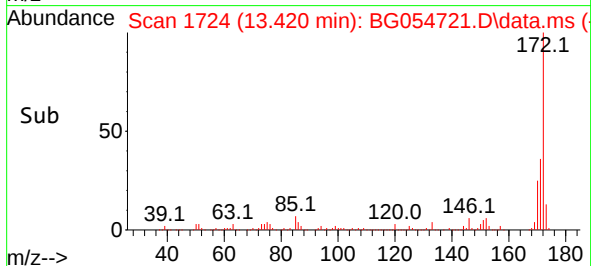
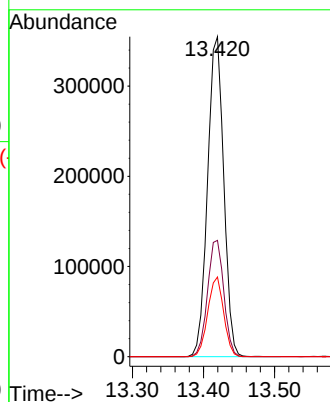
Tgt Ion:172 Resp: 560759

Ion Ratio Lower Upper

172 100

171 36.4 31.2 46.8

170 24.9 20.6 30.8



#48

2-Nitroaniline

Concen: 4.008 ng

RT: 13.414 min Scan# 1723

Delta R.T. -0.457 min

Lab File: BG054721.D

Acq: 24 Aug 2022 15:32

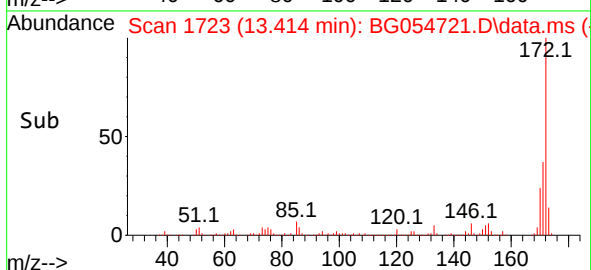
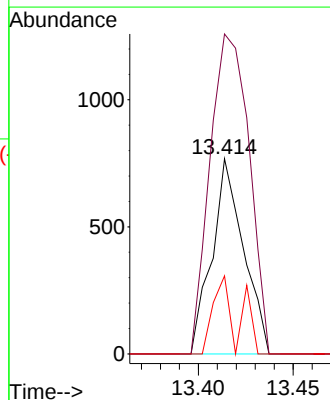
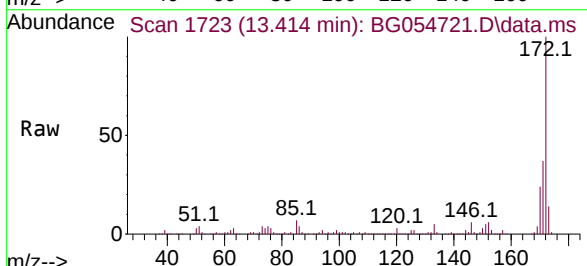
Tgt Ion: 65 Resp: 893

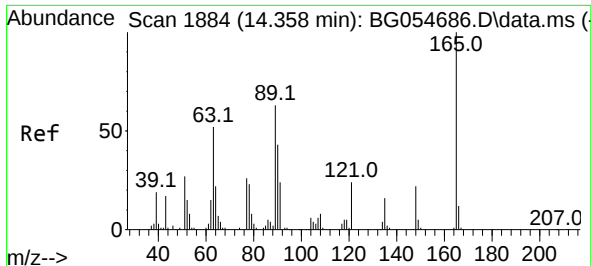
Ion Ratio Lower Upper

65 100

92 163.9 54.7 82.1#

138 40.0 84.1 126.1#

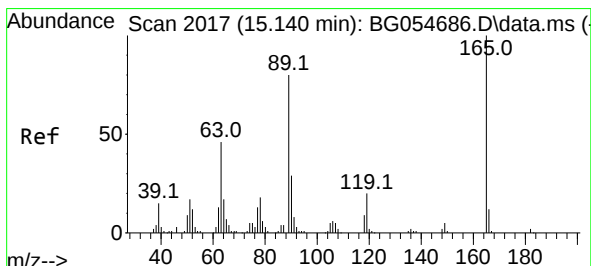
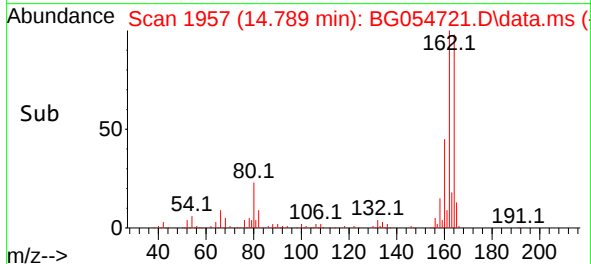
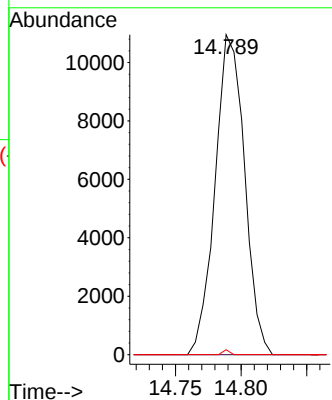
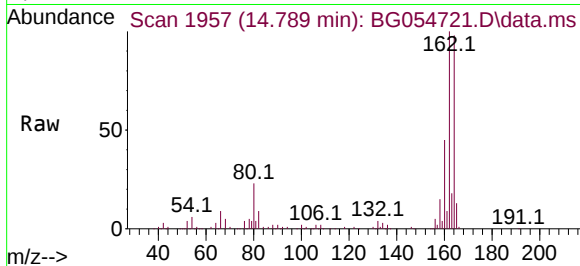




#51
2,6-Dinitrotoluene
Concen: 10.591 ng
RT: 14.789 min Scan# 1957
Delta R.T. 0.431 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32

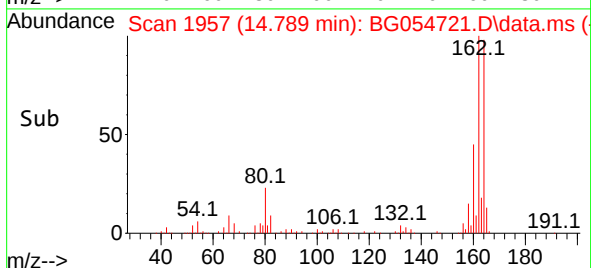
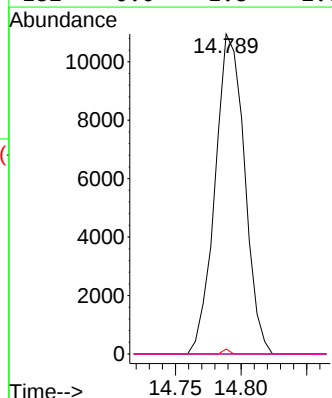
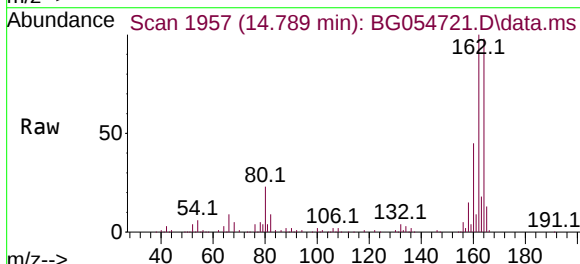
Instrument :
MSVOA_D
ClientSampleId :

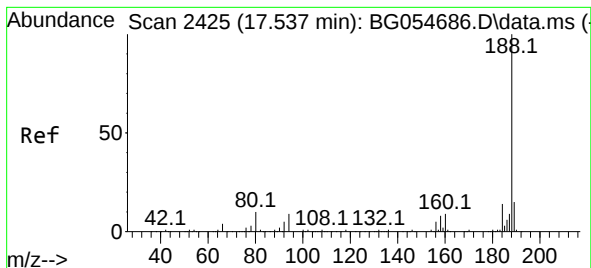
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	1.6	50.3	75.5#



#57
2,4-Dinitrotoluene
Concen: 10.750 ng
RT: 14.789 min Scan# 1957
Delta R.T. -0.351 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.8	55.2#
89	1.6	64.3	96.5#
182	0.0	1.8	2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.538 min Scan# 2425

Delta R.T. 0.001 min

Lab File: BG054721.D

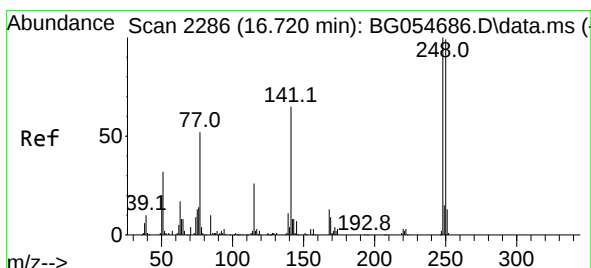
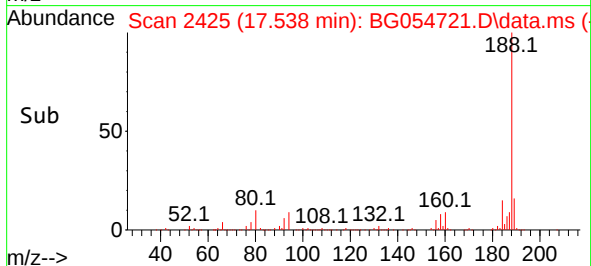
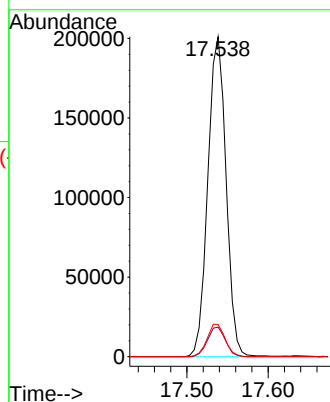
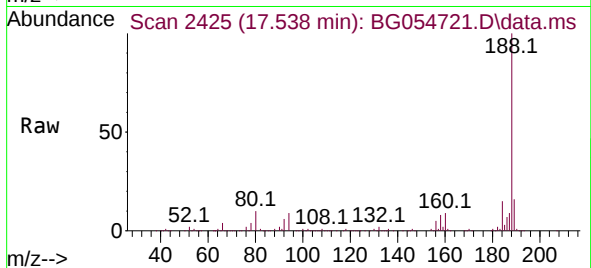
Acq: 24 Aug 2022 15:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:188	Resp:	312710
Ion	Ratio	Lower Upper
188	100	
94	9.2	7.0 10.4
80	10.0	7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.055 ng

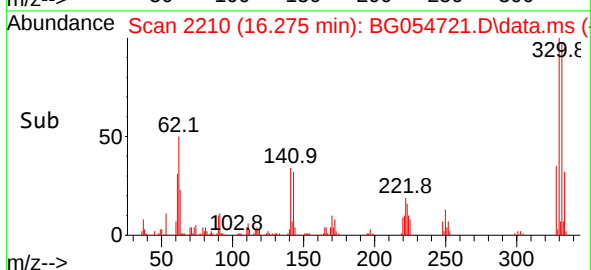
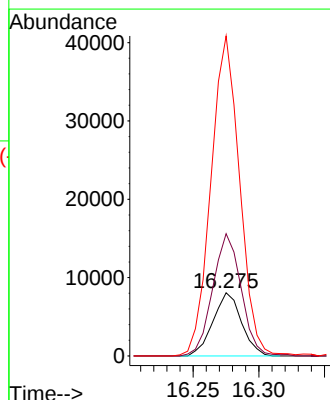
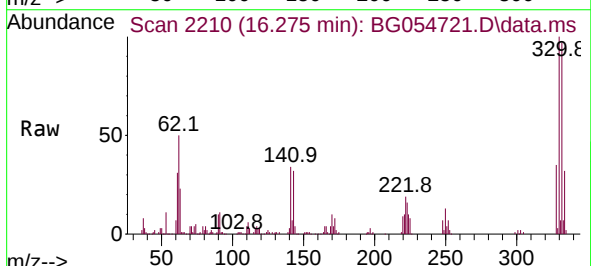
RT: 16.275 min Scan# 2210

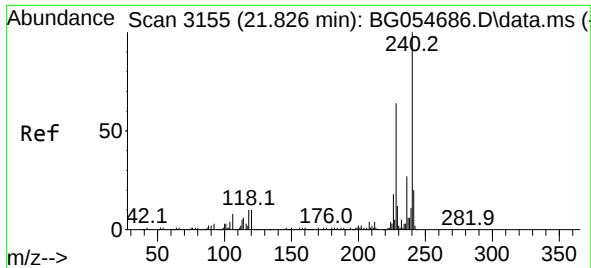
Delta R.T. -0.445 min

Lab File: BG054721.D

Acq: 24 Aug 2022 15:32

Tgt Ion:248	Resp:	12205
Ion	Ratio	Lower Upper
248	100	
250	193.6	78.8 118.2#
141	506.9	51.9 77.9#

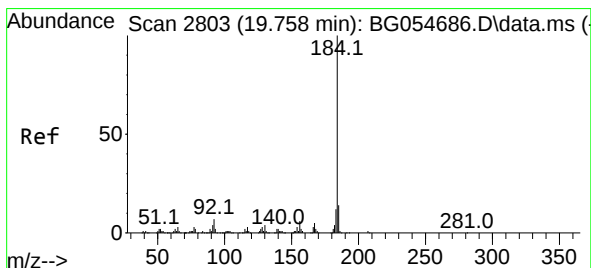
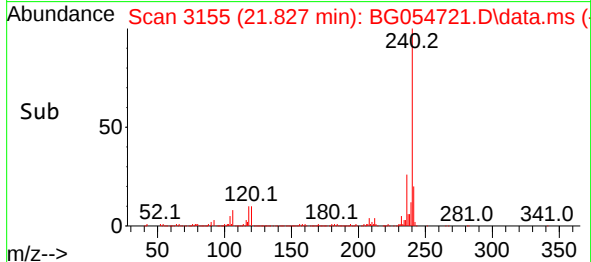
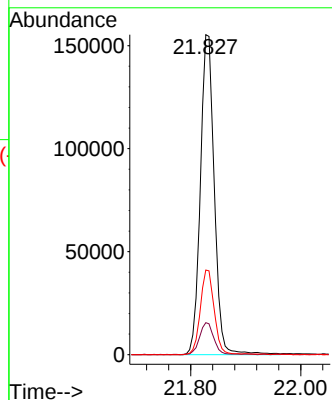
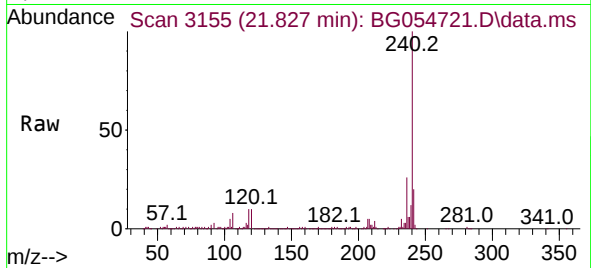




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. 0.002 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32

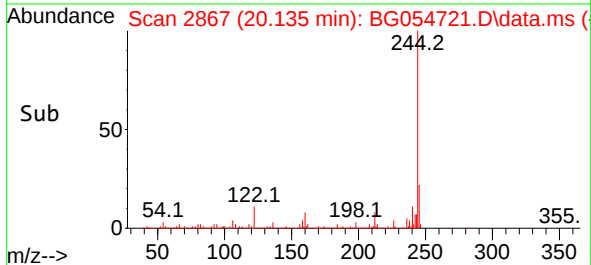
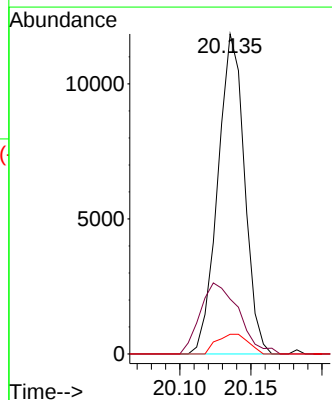
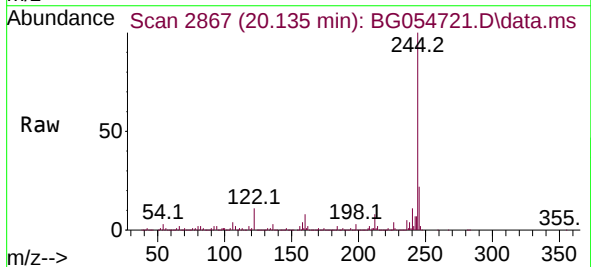
Instrument :
MSVOA_D
ClientSampleId :

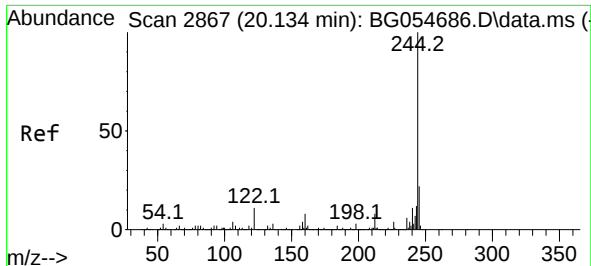
Tgt Ion:240 Resp: 273594
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.4
236 26.5 21.2 31.8



#77
Benzidine
Concen: 2.599 ng
RT: 20.135 min Scan# 2867
Delta R.T. 0.378 min
Lab File: BG054721.D
Acq: 24 Aug 2022 15:32

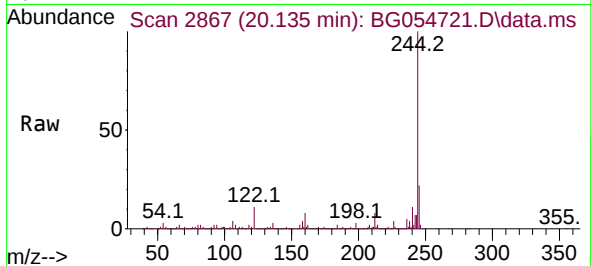
Tgt Ion:184 Resp: 15437
Ion Ratio Lower Upper
184 100
185 17.1 11.4 17.0#
183 6.1 9.8 14.8#



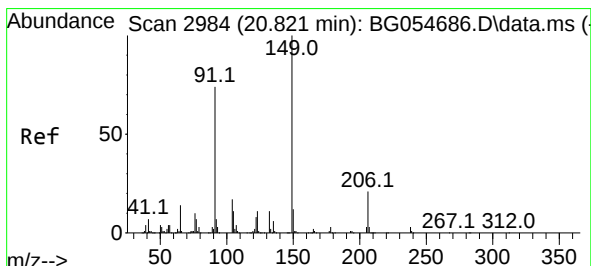
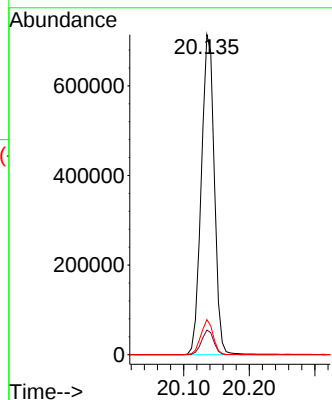
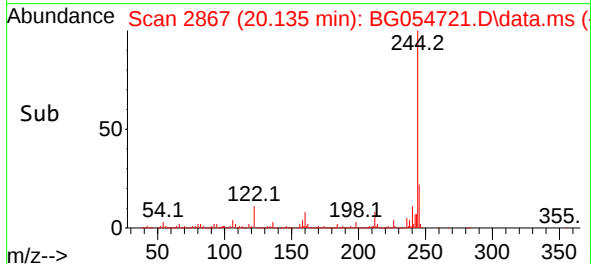


#79
 Terphenyl-d14
 Concen: 71.825 ng
 RT: 20.135 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054721.D
 Acq: 24 Aug 2022 15:32

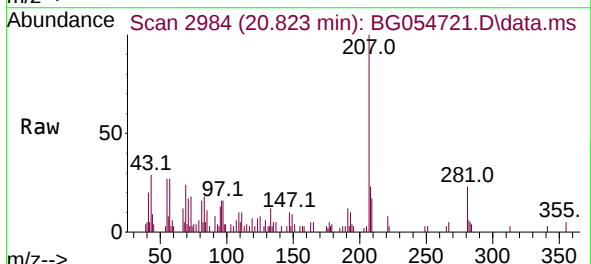
Instrument :
 MSVOA_D
 ClientSampleId :



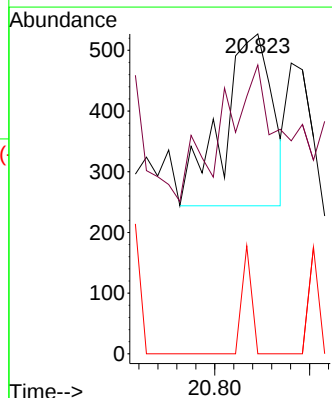
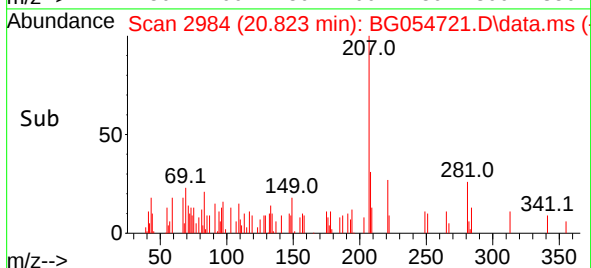
Tgt Ion:244 Resp: 989241
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 11.0 9.0 13.6

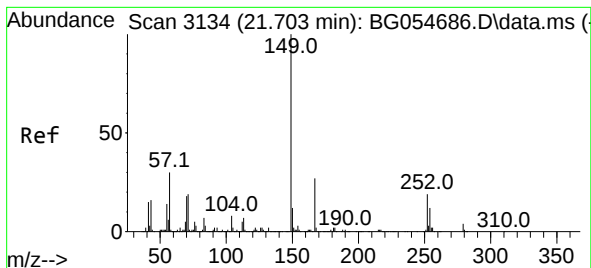


#80
 Butylbenzylphthalate
 Concen: 5.224 ng
 RT: 20.823 min Scan# 2984
 Delta R.T. 0.002 min
 Lab File: BG054721.D
 Acq: 24 Aug 2022 15:32



Tgt Ion:149 Resp: 512
 Ion Ratio Lower Upper
 149 100
 91 90.3 59.5 89.3#
 206 0.0 16.6 25.0#

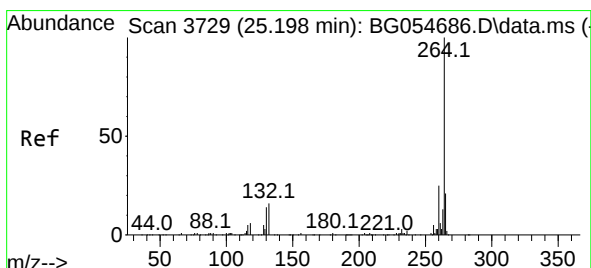
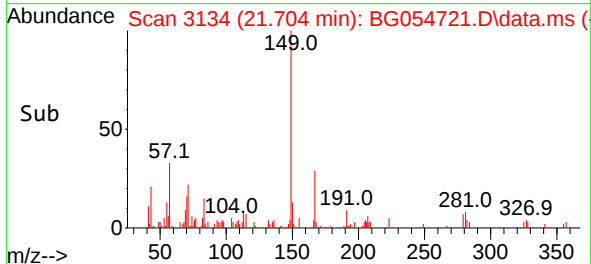
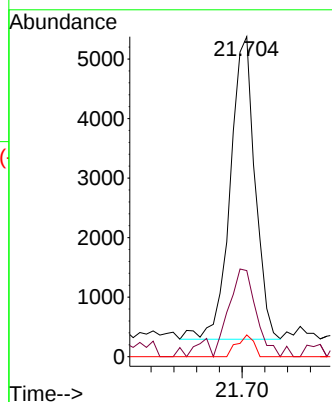
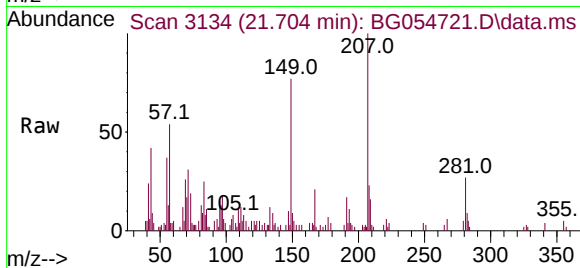




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.930 ng
 RT: 21.704 min Scan# 3134
 Delta R.T. 0.001 min
 Lab File: BG054721.D
 Acq: 24 Aug 2022 15:32

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:149 Resp: 7692
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 6.8 3.1 4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.206 min Scan# 3730
 Delta R.T. 0.007 min
 Lab File: BG054721.D
 Acq: 24 Aug 2022 15:32

Tgt Ion:264 Resp: 284901
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.9 29.9
 265 21.1 16.9 25.3

