

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG063997.D
 Acq On : 5 Feb 2025 11:36
 Operator : RC/JU
 Sample : PB166216BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 12:25:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

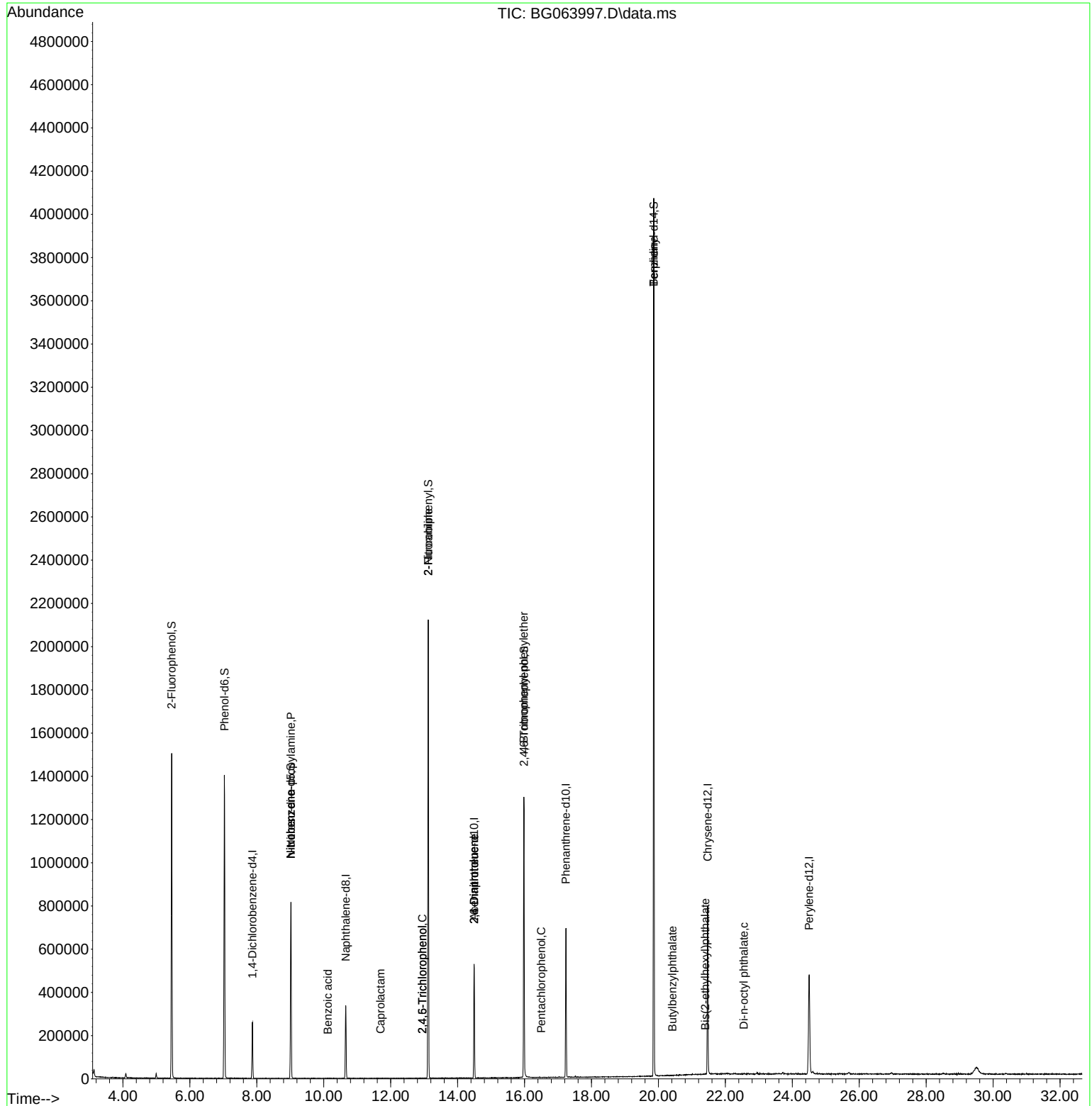
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	66137	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	272096	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	179842	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	408786	20.000	ng	0.00
76) Chrysene-d12	21.472	240	445580	20.000	ng	0.00
86) Perylene-d12	24.504	264	467301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	577098	139.902	ng	0.00
7) Phenol-d6	7.031	99	739746	130.678	ng	0.00
23) Nitrobenzene-d5	9.016	82	455424	101.723	ng	-0.01
42) 2,4,6-Tribromophenol	15.985	330	235134	115.146	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	1030406	87.784	ng	0.00
79) Terphenyl-d14	19.863	244	2016831	94.530	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.022	70	58609	14.951	ng	# 75
24) Nitrobenzene	9.016	77	1305	4.057	ng	# 42
26) 2-Nitrophenol	9.680	139	97	Below Cal		# 26
32) Benzoic acid	10.121	122	78	5.275	ng	# 1
35) Caprolactam	11.696	113	92	5.376	ng	# 1
43) 2,4,6-Trichlorophenol	12.947	196	55	4.913	ng	# 11
44) 2,4,5-Trichlorophenol	12.947	196	55	3.953	ng	# 14
48) 2-Nitroaniline	13.123	65	2346	5.233	ng	# 7
51) 2,6-Dinitrotoluene	14.498	165	25262	15.794	ng	# 16
57) 2,4-Dinitrotoluene	14.498	165	25262	13.730	ng	# 19
67) 4-Bromophenyl-phenylether	15.979	248	15991	3.930	ng	# 1
70) Pentachlorophenol	16.502	266	58	8.707	ng	# 17
77) Benzidine	19.863	184	29872	3.148	ng	# 90
80) Butylbenzylphthalate	20.415	149	56	5.561	ng	# 19
84) Bis(2-ethylhexyl)phtha...	21.402	149	847	4.518	ng	# 94
85) Di-n-octyl phthalate	22.554	149	1881	7.005	ng	# 85

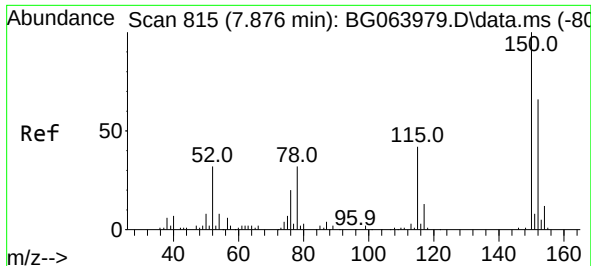
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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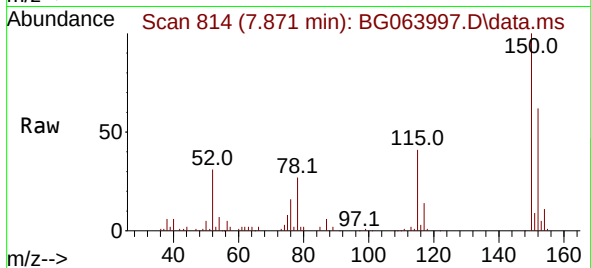
Quant Time: Feb 05 12:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:51:00 2025
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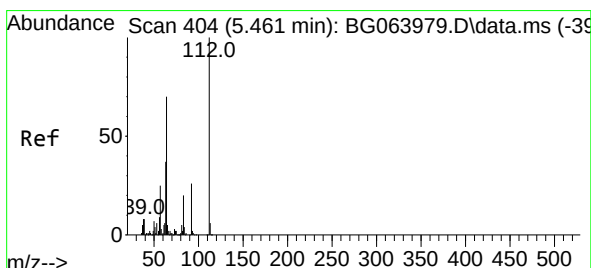
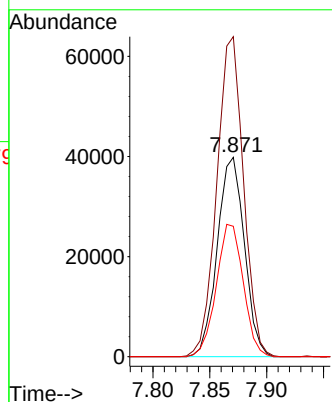
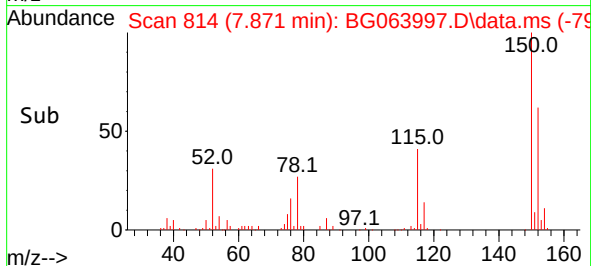


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.871 min Scan# 815
Delta R.T. -0.005 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

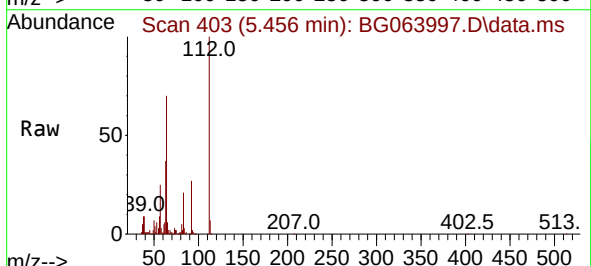
Instrument :
BNA_G
ClientSampleId :



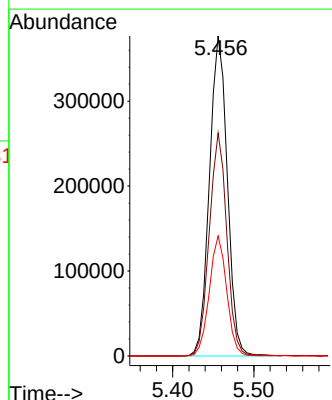
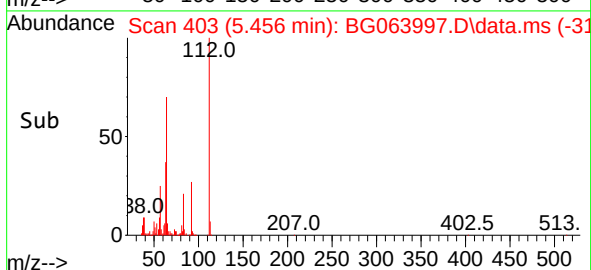
Tgt Ion:152 Resp: 66137
Ion Ratio Lower Upper
152 100
150 160.5 121.0 181.6
115 65.4 50.4 75.6

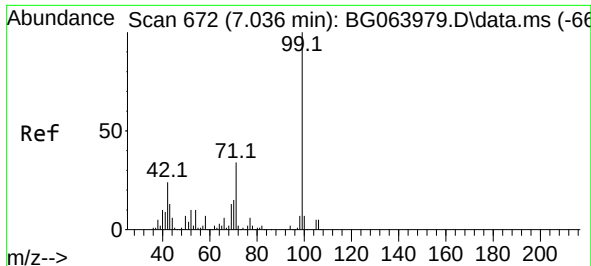


#5
2-Fluorophenol
Concen: 139.902 ng
RT: 5.456 min Scan# 403
Delta R.T. -0.006 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36



Tgt Ion:112 Resp: 577098
Ion Ratio Lower Upper
112 100
64 69.6 55.8 83.8
63 37.5 29.3 43.9

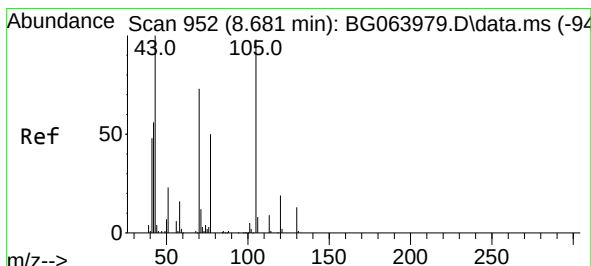
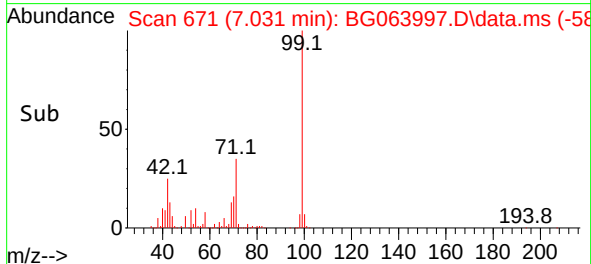
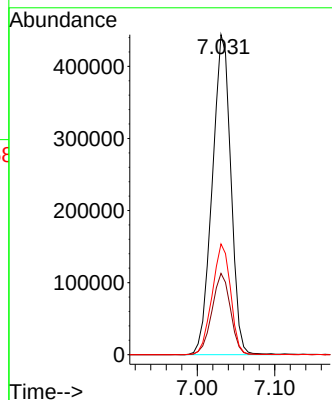
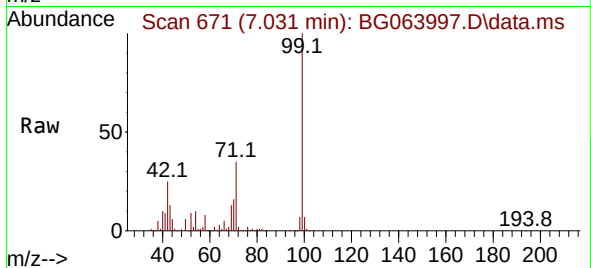




#7
Phenol-d6
Concen: 130.678 ng
RT: 7.031 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

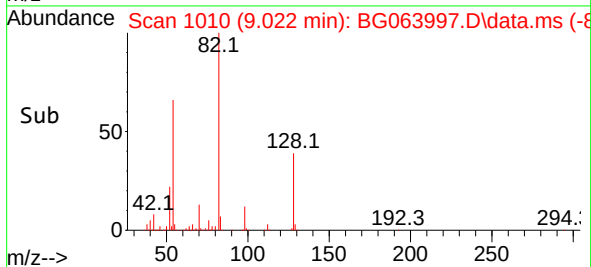
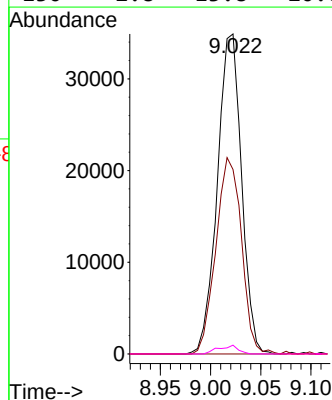
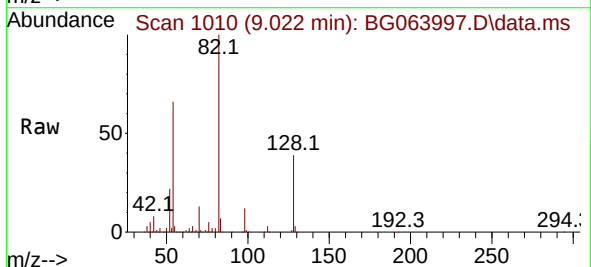
Instrument :
BNA_G
ClientSampleId :

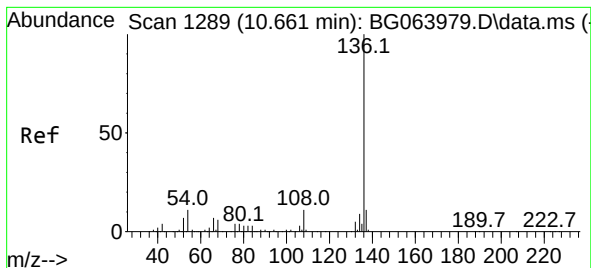
Tgt Ion: 99 Resp: 739746
Ion Ratio Lower Upper
99 100
42 25.4 18.9 28.3
71 34.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.951 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.341 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

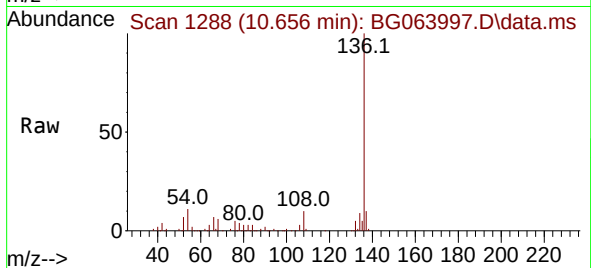
Tgt Ion: 70 Resp: 58609
Ion Ratio Lower Upper
70 100
42 57.7 62.2 93.4#
101 0.0 5.6 8.4#
130 2.8 13.8 20.6#



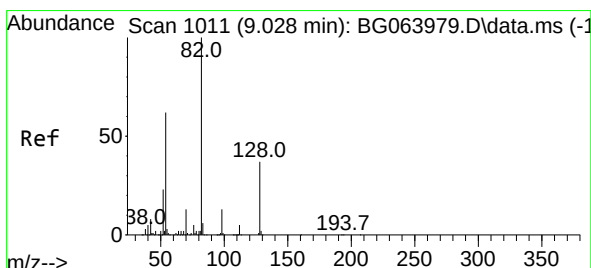
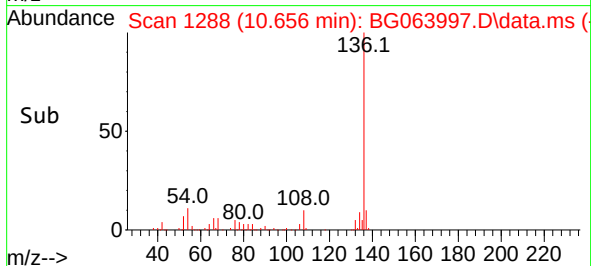
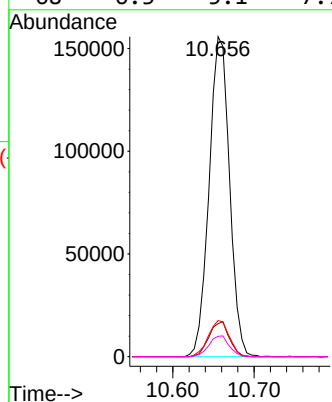


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :

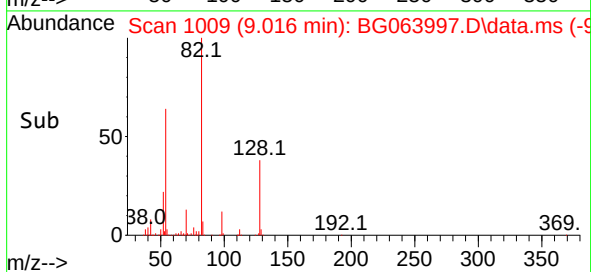
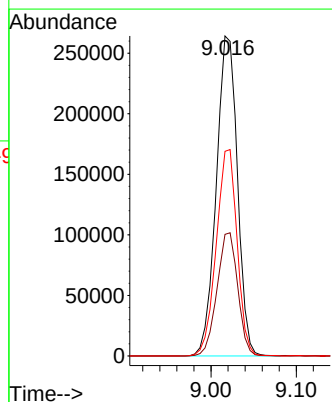
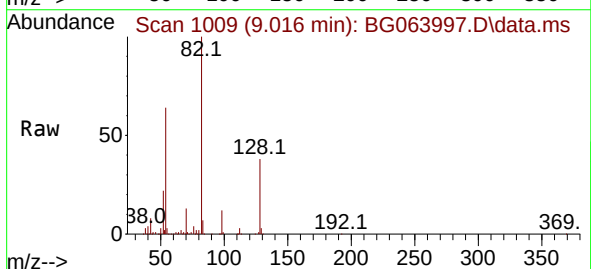


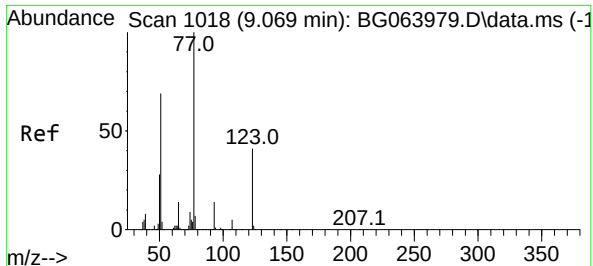
Tgt Ion:	136	Resp:	272096
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	11.3	9.2	13.8
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 101.723 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

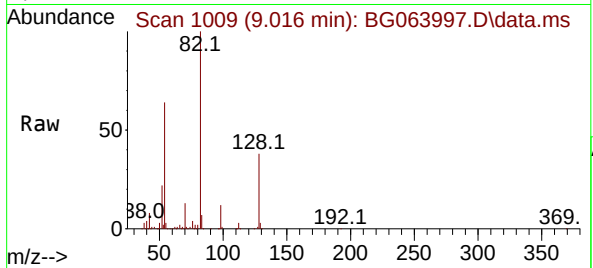
Tgt Ion:	82	Resp:	455424
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.4	44.2
54	63.9	49.9	74.9



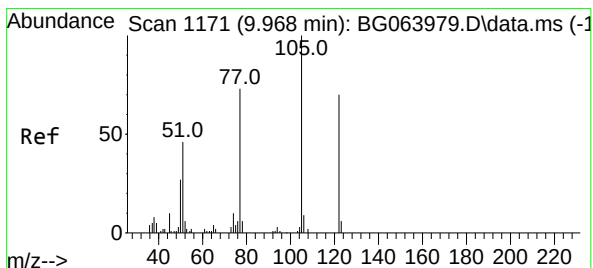
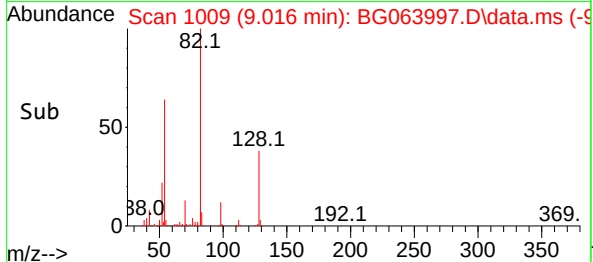
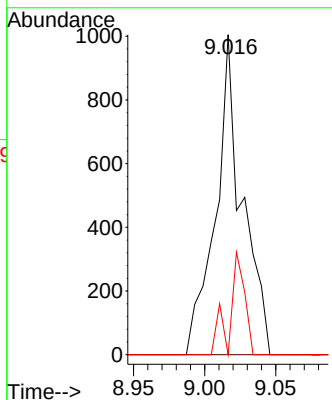


#24
Nitrobenzene
Concen: 4.057 ng
RT: 9.016 min Scan# 1109
Delta R.T. -0.053 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :

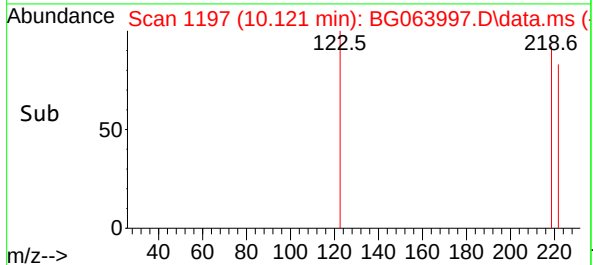
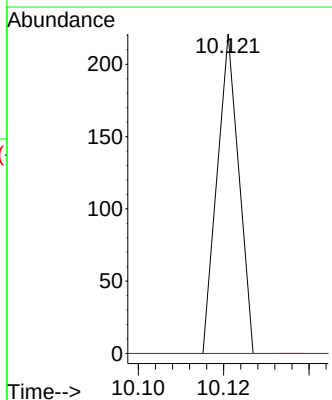
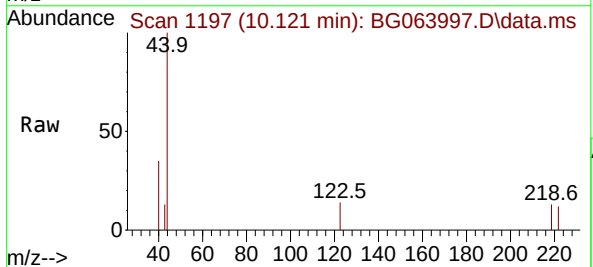


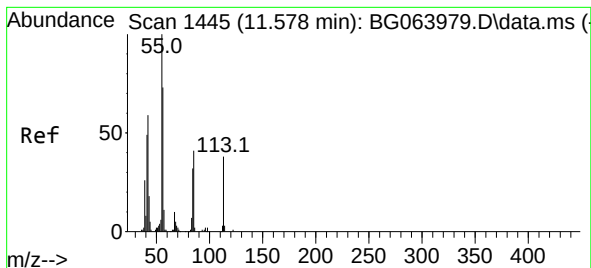
Tgt Ion: 77 Resp: 1305
Ion Ratio Lower Upper
77 100
123 0.0 32.9 49.3#
65 0.0 11.0 16.6#



#32
Benzoic acid
Concen: 5.275 ng
RT: 10.121 min Scan# 1197
Delta R.T. 0.153 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

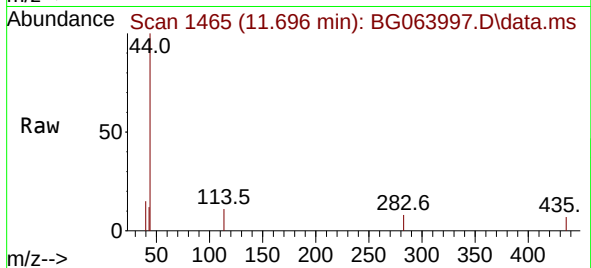
Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 0.0 117.9 157.9#
77 0.0 83.9 123.9#



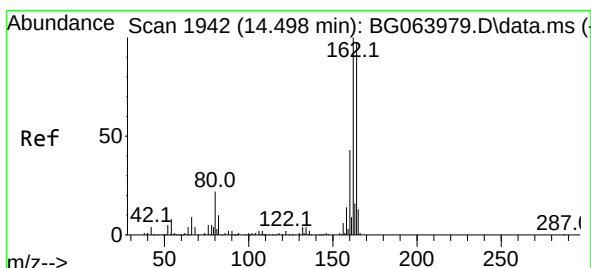
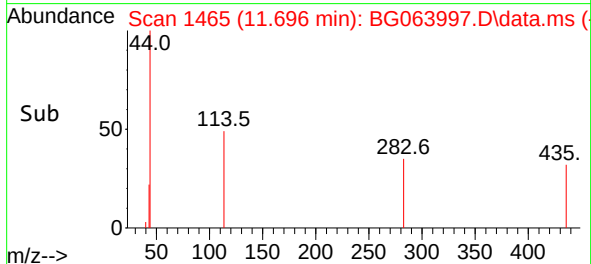
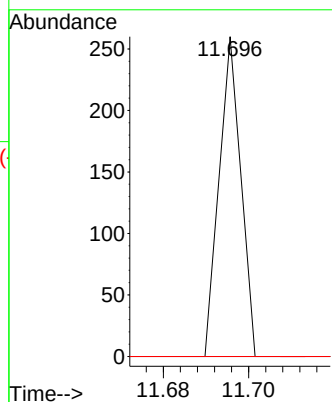


#35
Caprolactam
Concen: 5.376 ng
RT: 11.696 min Scan# 1445
Delta R.T. 0.118 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :

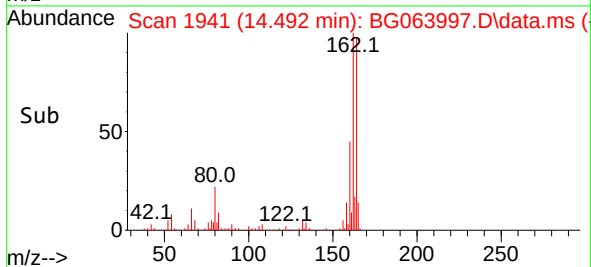
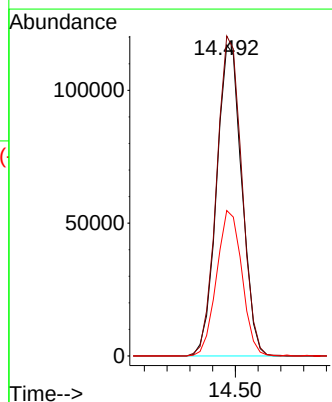
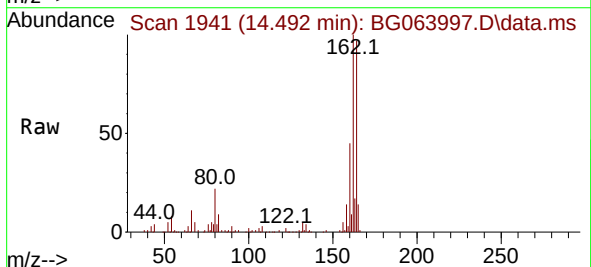


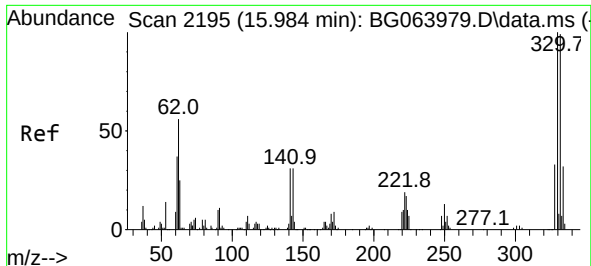
Tgt Ion:113 Resp: 92
Ion Ratio Lower Upper
113 100
55 0.0 241.8 281.8#
56 0.0 171.5 211.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

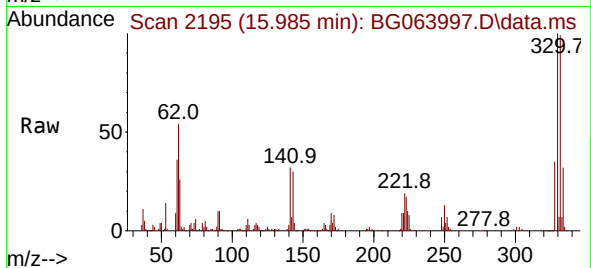
Tgt Ion:164 Resp: 179842
Ion Ratio Lower Upper
164 100
162 102.9 82.3 123.5
160 46.8 35.4 53.0



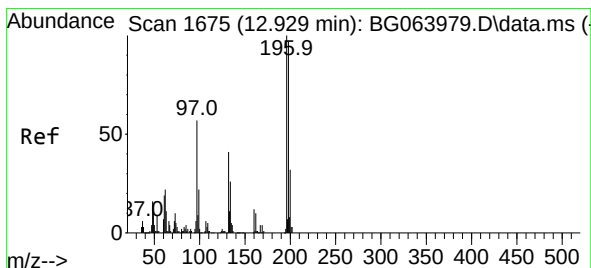
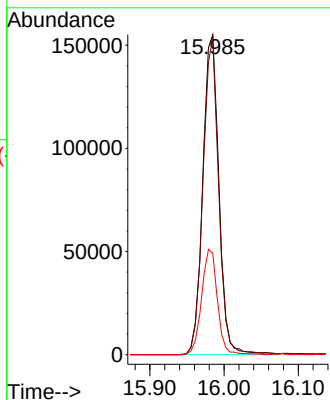
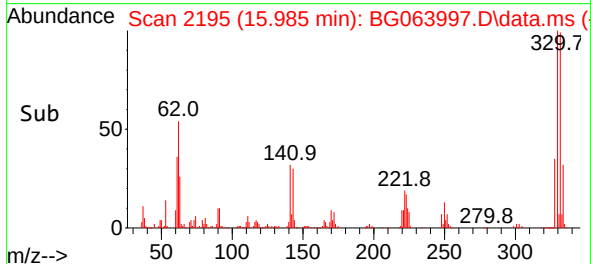


#42
2,4,6-Tribromophenol
Concen: 115.146 ng
RT: 15.985 min Scan# 2195
Delta R.T. 0.001 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :

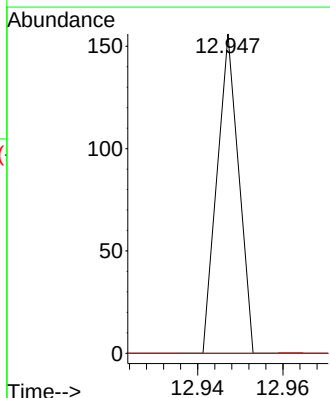
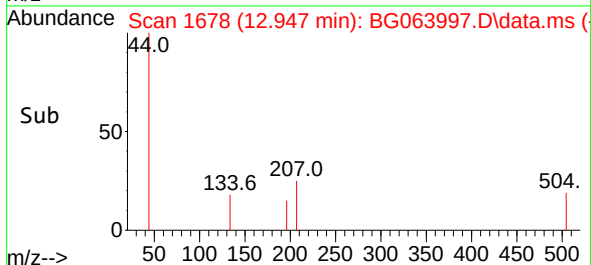
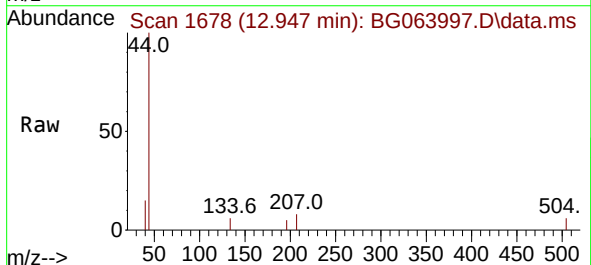


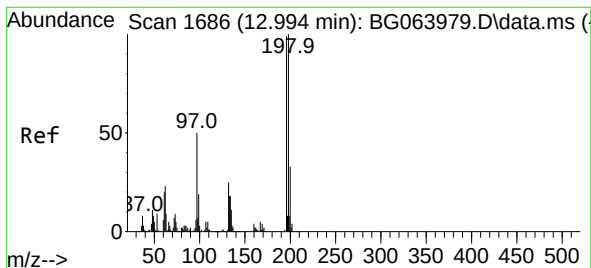
Tgt Ion:330 Resp: 235134
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.6
141 32.2 27.2 40.8



#43
2,4,6-Trichlorophenol
Concen: 4.913 ng
RT: 12.947 min Scan# 1678
Delta R.T. 0.018 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

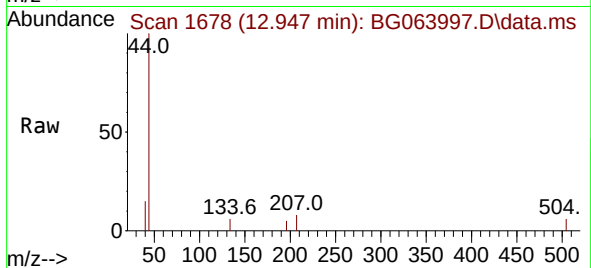
Tgt Ion:196 Resp: 55
Ion Ratio Lower Upper
196 100
198 0.0 77.9 116.9#
200 0.0 25.5 38.3#



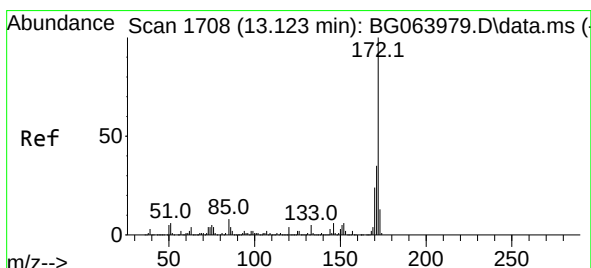
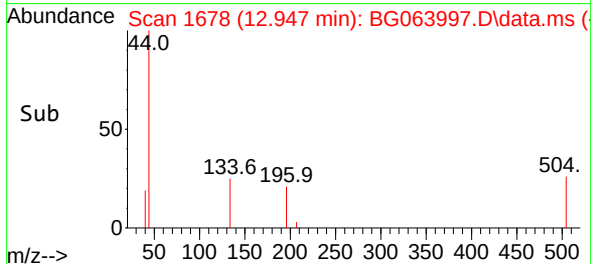
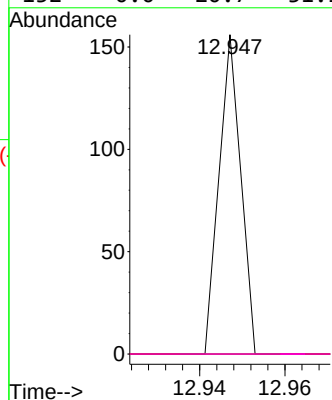


#44
2,4,5-Trichlorophenol
Concen: 3.953 ng
RT: 12.947 min Scan# 1678
Delta R.T. -0.047 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :

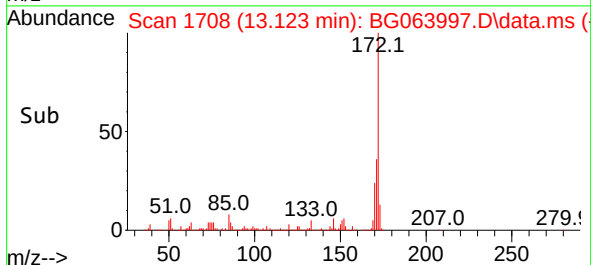
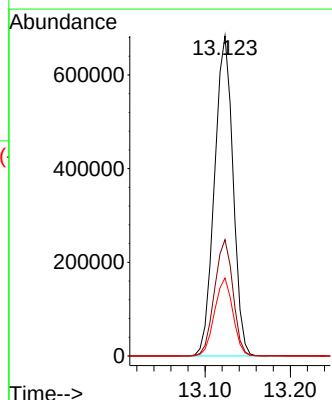
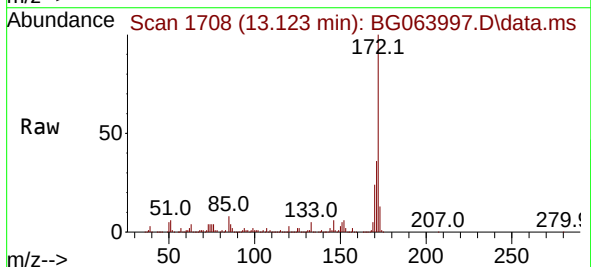


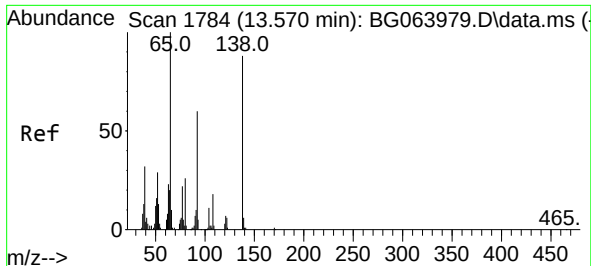
Tgt Ion:196 Resp: 55
Ion Ratio Lower Upper
196 100
198 0.0 81.1 121.7#
97 0.0 41.2 61.8#
132 0.0 20.7 31.1#



#45
2-Fluorobiphenyl
Concen: 87.784 ng
RT: 13.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Tgt Ion:172 Resp: 1030406
Ion Ratio Lower Upper
172 100
171 36.4 27.8 41.6
170 24.4 19.4 29.2

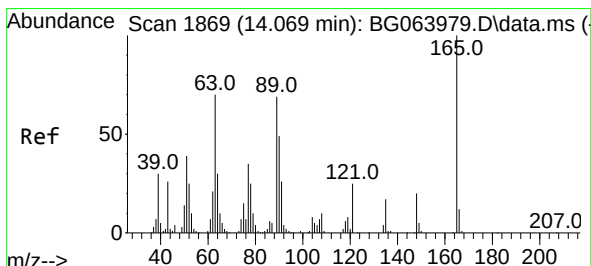
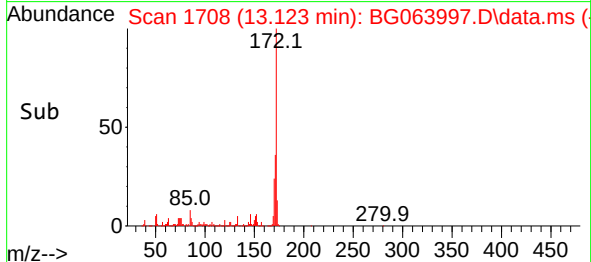
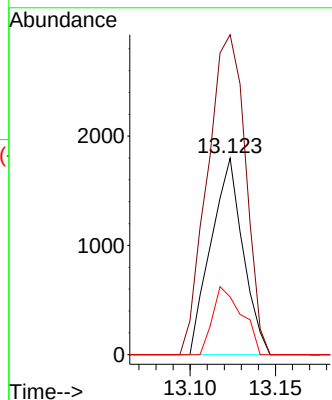
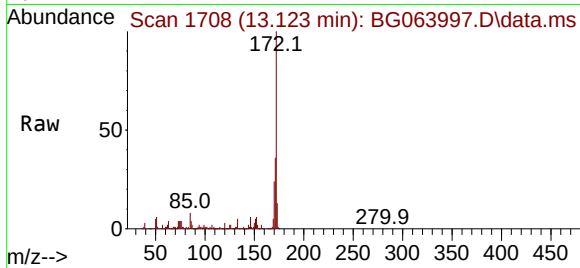




#48
2-Nitroaniline
Concen: 5.233 ng
RT: 13.123 min Scan# 1
Delta R.T. -0.447 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

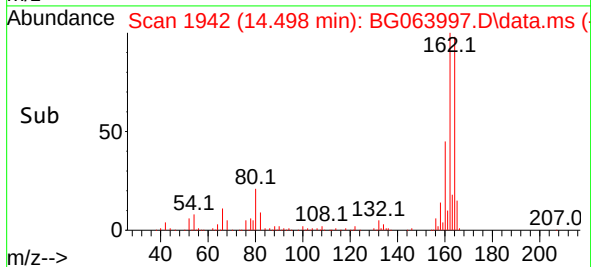
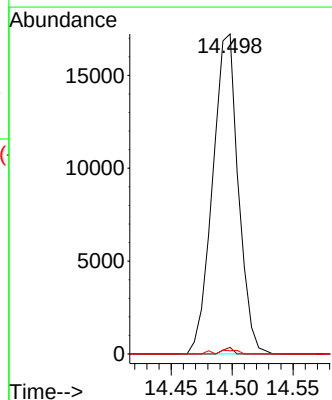
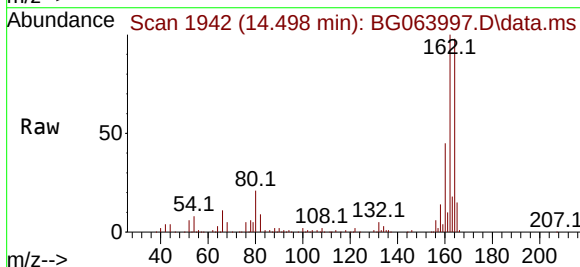
Instrument :
BNA_G
ClientSampleId :

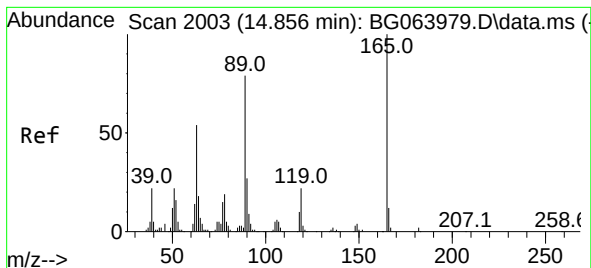
Tgt Ion: 65 Resp: 2346
Ion Ratio Lower Upper
65 100
92 162.9 47.6 71.4#
138 29.4 70.6 106.0#



#51
2,6-Dinitrotoluene
Concen: 15.794 ng
RT: 14.498 min Scan# 1942
Delta R.T. 0.429 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

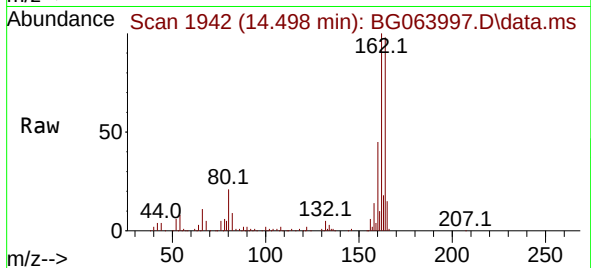
Tgt Ion:165 Resp: 25262
Ion Ratio Lower Upper
165 100
63 2.0 57.7 86.5#
89 1.0 55.6 83.4#



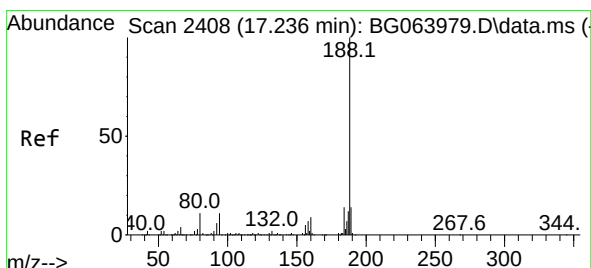
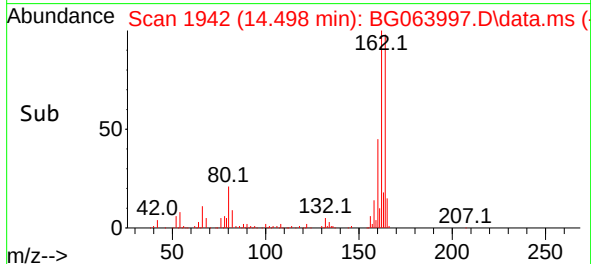
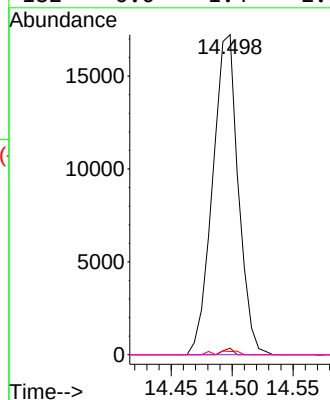


#57
2,4-Dinitrotoluene
Concen: 13.730 ng
RT: 14.498 min Scan# 1942
Delta R.T. -0.358 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :

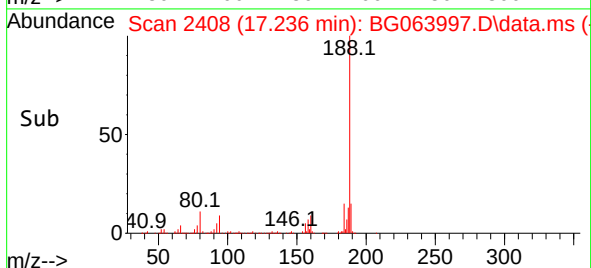
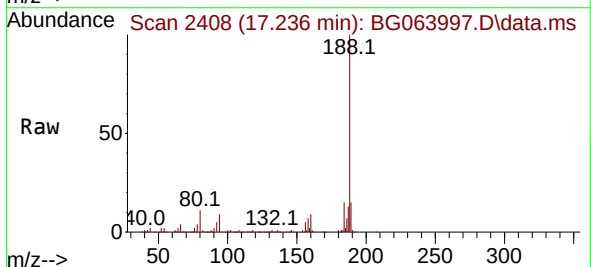
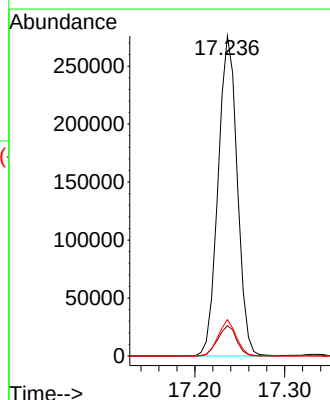


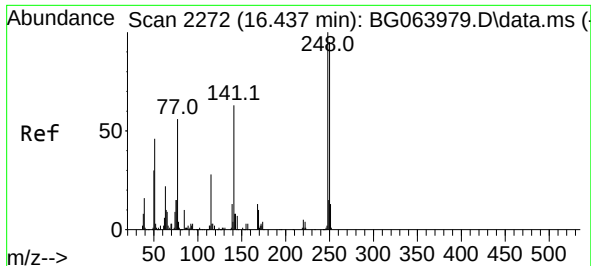
Tgt Ion:165 Resp: 25262
Ion Ratio Lower Upper
165 100
63 2.0 43.6 65.4#
89 1.0 63.1 94.7#
182 0.0 1.4 2.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.236 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

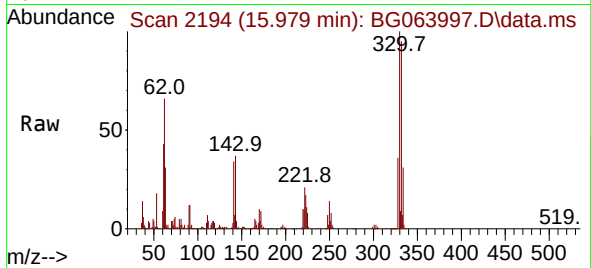
Tgt Ion:188 Resp: 408786
Ion Ratio Lower Upper
188 100
94 9.5 8.6 13.0
80 11.4 8.5 12.7



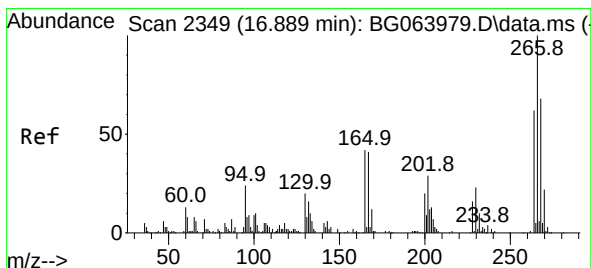
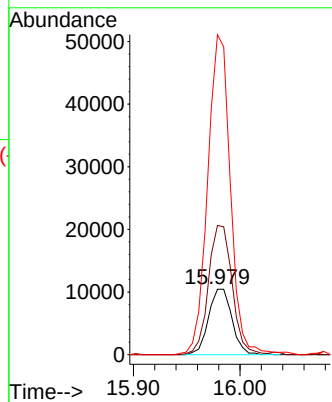
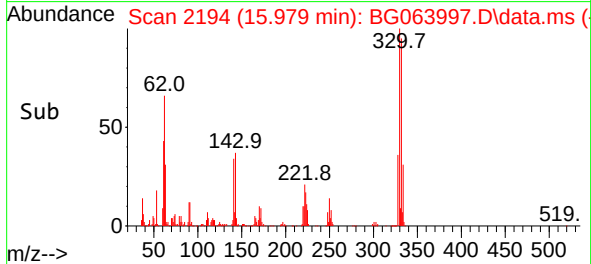


#67
4-Bromophenyl-phenylether
Concen: 3.930 ng
RT: 15.979 min Scan# 2194
Delta R.T. -0.458 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

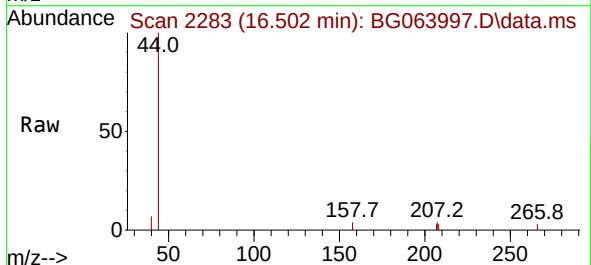
Instrument :
BNA_G
ClientSampleId :



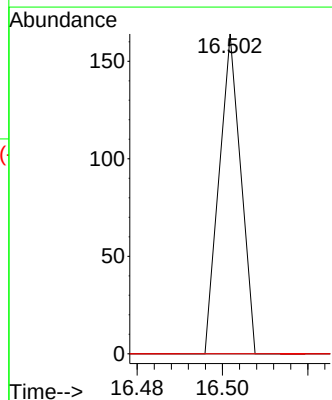
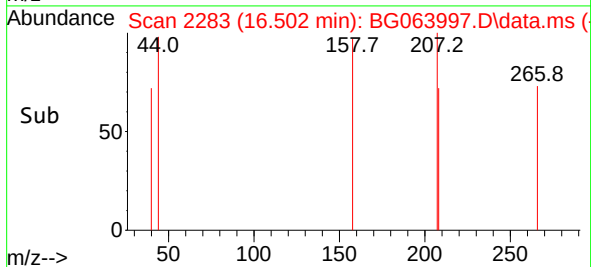
Tgt Ion:248 Resp: 15991
Ion Ratio Lower Upper
248 100
250 197.7 76.2 114.4#
141 489.1 50.6 75.8#

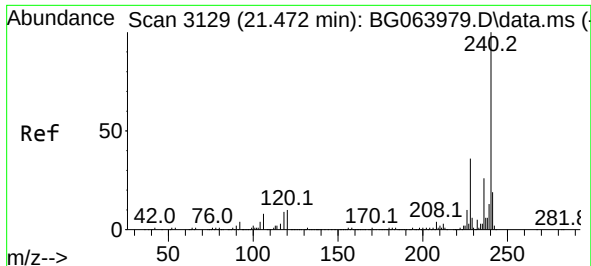


#70
Pentachlorophenol
Concen: 8.707 ng
RT: 16.502 min Scan# 2283
Delta R.T. -0.387 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36



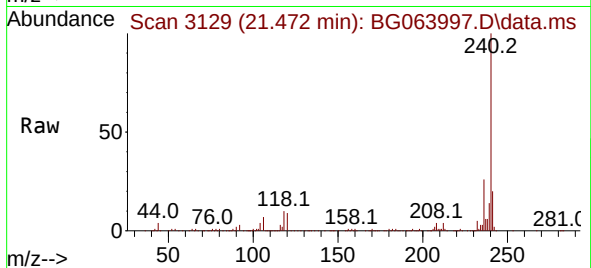
Tgt Ion:266 Resp: 58
Ion Ratio Lower Upper
266 100
268 0.0 54.8 82.2#
264 0.0 50.0 75.0#



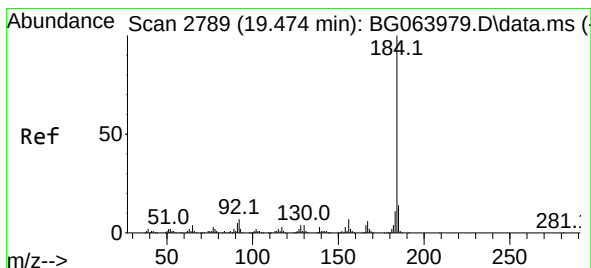
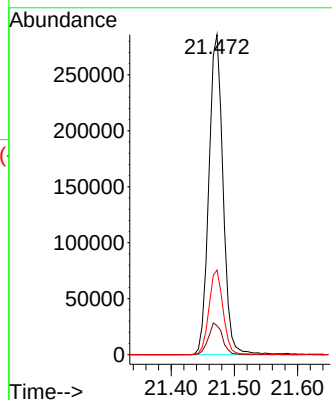
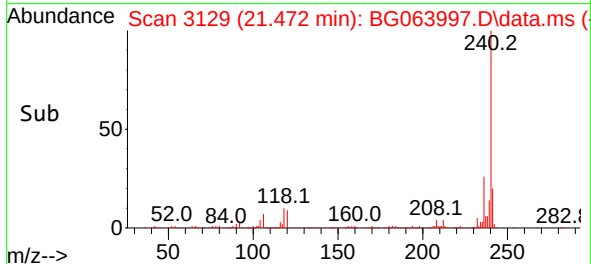


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.472 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

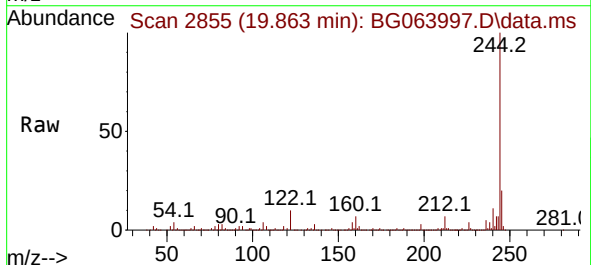
Instrument :
BNA_G
ClientSampleId :



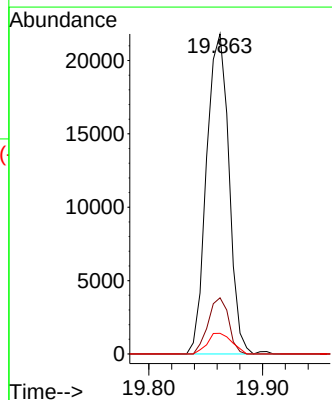
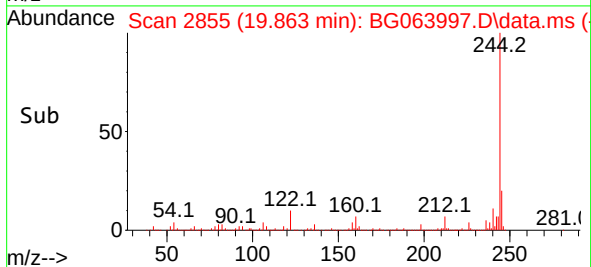
Tgt Ion:240 Resp: 445580
Ion Ratio Lower Upper
240 100
120 9.0 7.9 11.9
236 26.5 21.0 31.6

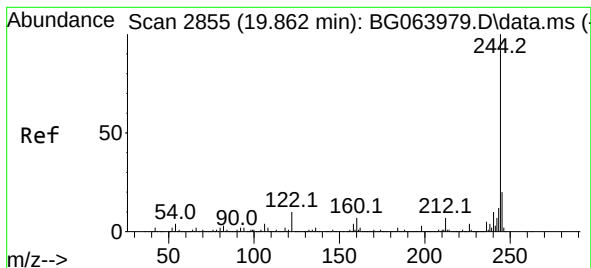


#77
Benzidine
Concen: 3.148 ng
RT: 19.863 min Scan# 2855
Delta R.T. 0.388 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36



Tgt Ion:184 Resp: 29872
Ion Ratio Lower Upper
184 100
185 17.6 11.2 16.8#
183 6.5 8.7 13.1#





#79

Terphenyl-d14

Concen: 94.530 ng

RT: 19.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG063997.D

Acq: 5 Feb 2025 11:36

Instrument :

BNA_G

ClientSampleId :

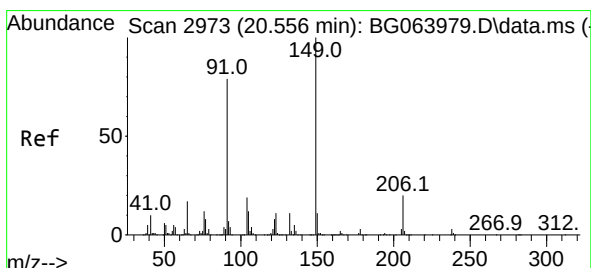
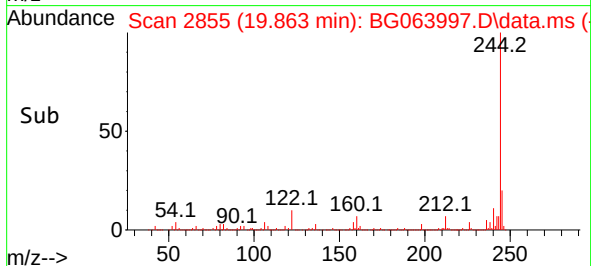
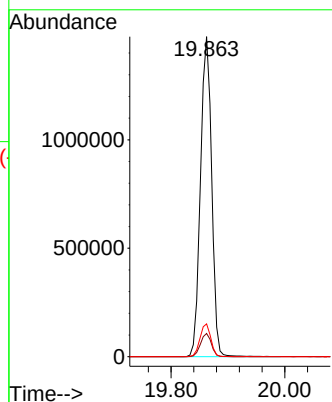
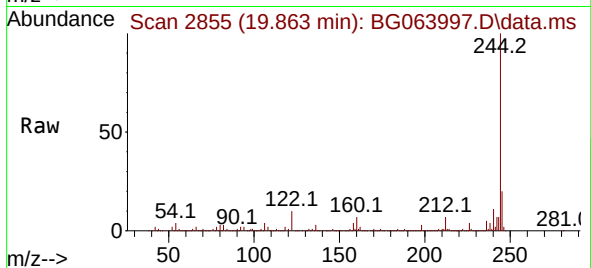
Tgt Ion:244 Resp: 2016831

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 5.561 ng

RT: 20.415 min Scan# 2949

Delta R.T. -0.141 min

Lab File: BG063997.D

Acq: 5 Feb 2025 11:36

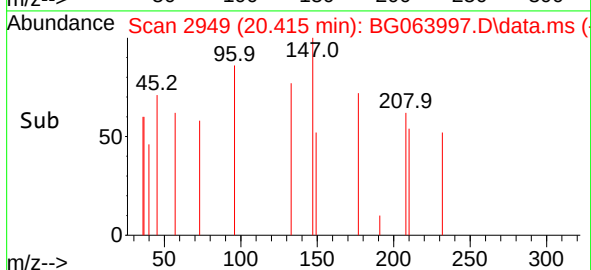
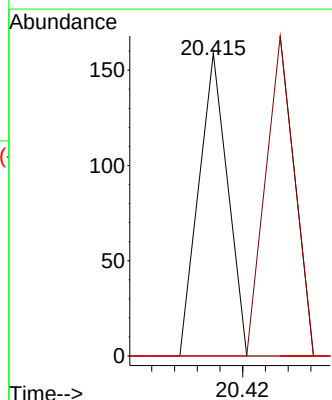
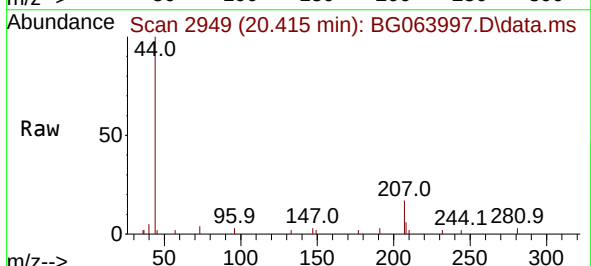
Tgt Ion:149 Resp: 56

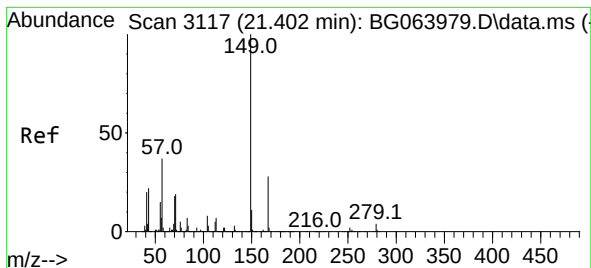
Ion Ratio Lower Upper

149 100

91 0.0 63.0 94.6#

206 0.0 15.8 23.6#

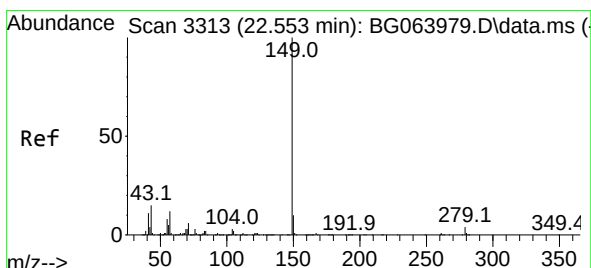
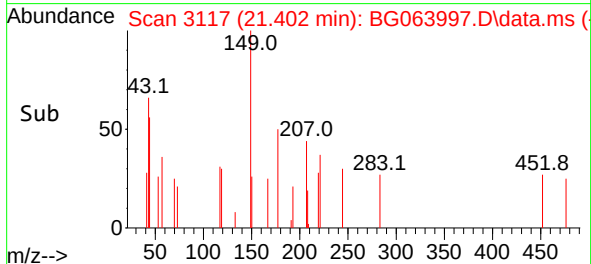
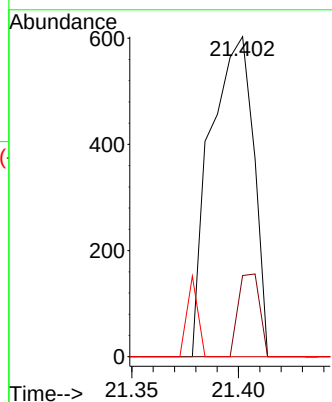
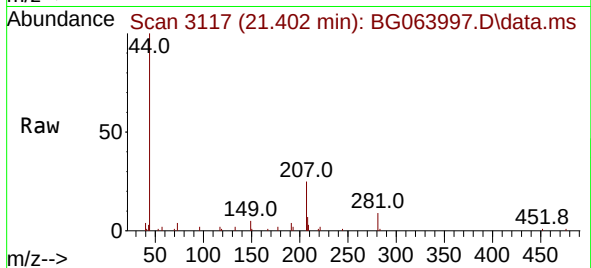




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.518 ng
 RT: 21.402 min Scan# 3117
 Delta R.T. -0.000 min
 Lab File: BG063997.D
 Acq: 5 Feb 2025 11:36

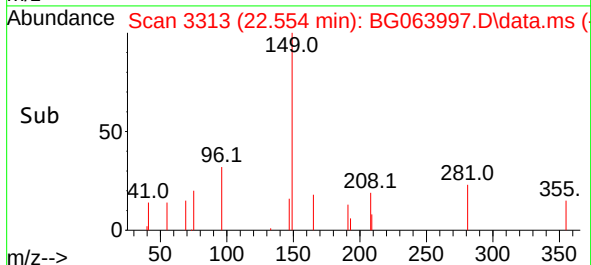
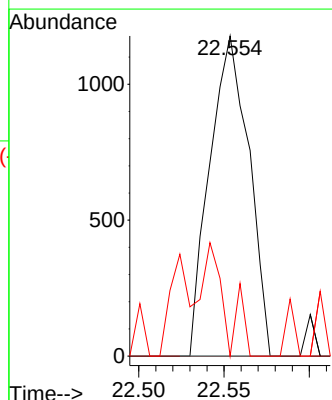
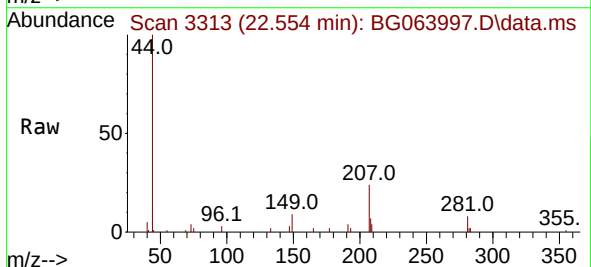
Instrument :
 BNA_G
 ClientSampleId :

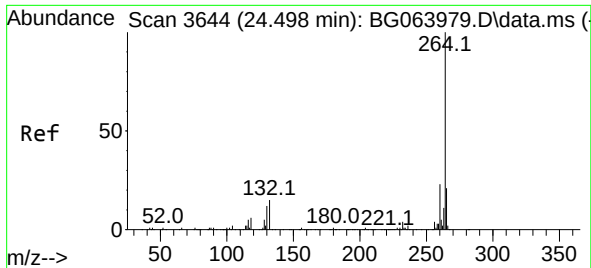
Tgt Ion:149 Resp: 847
 Ion Ratio Lower Upper
 149 100
 167 25.4 22.5 33.7
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 7.005 ng
 RT: 22.554 min Scan# 3313
 Delta R.T. 0.000 min
 Lab File: BG063997.D
 Acq: 5 Feb 2025 11:36

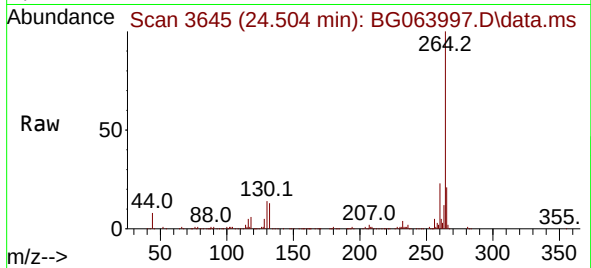
Tgt Ion:149 Resp: 1881
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 22.1 12.3 18.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.504 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG063997.D
Acq: 5 Feb 2025 11:36

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 467301

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	16.6	24.8

