

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049860.D
 Acq On : 16 Aug 2021 21:50
 Operator : CG/JU
 Sample : M3407-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26S

Quant Time: Aug 17 04:43:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

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

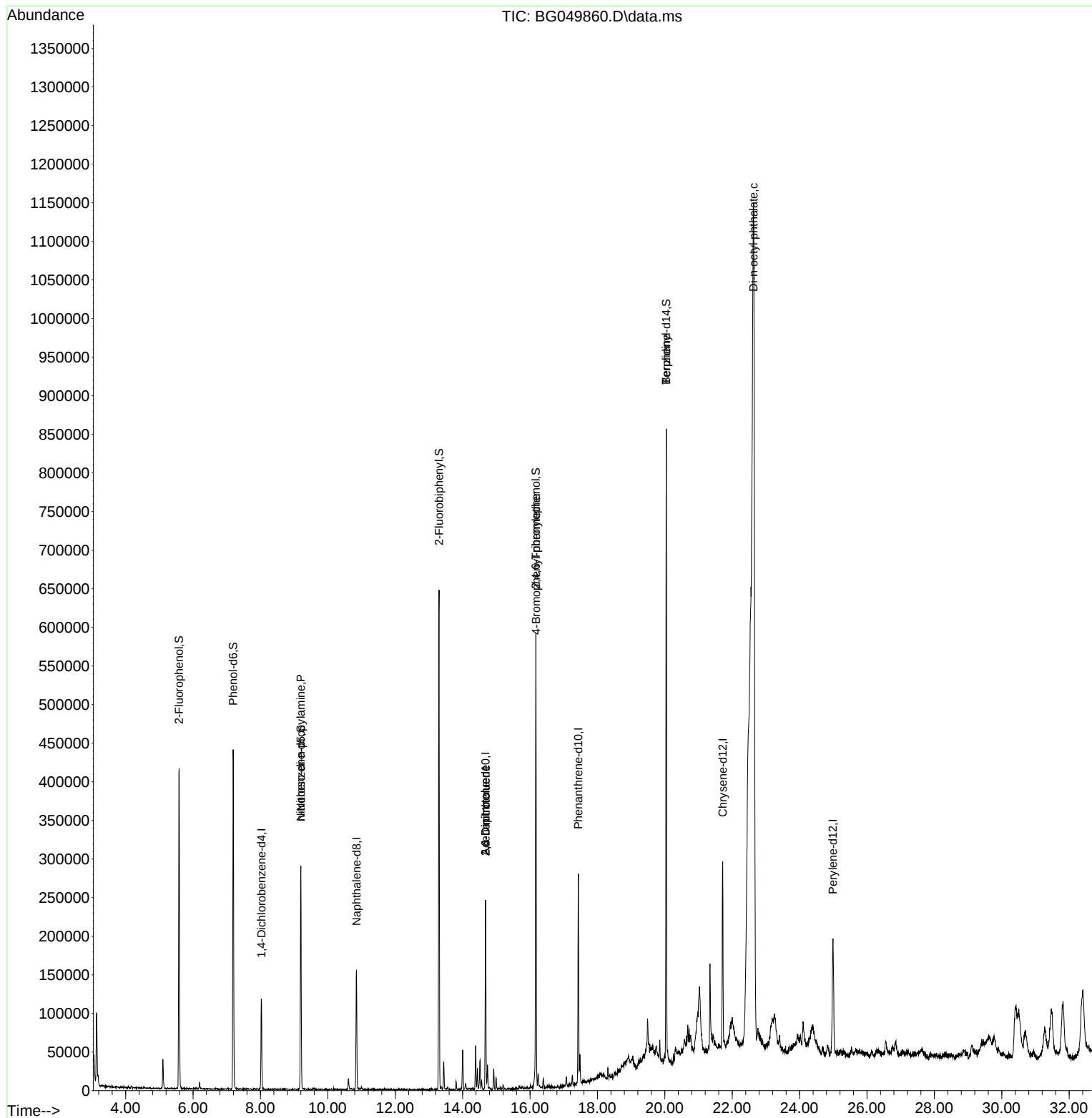
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	33496	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	128524	20.000	ng	# 0.00
39) Acenaphthene-d10	14.681	164	83202	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	167822	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	146014	20.000	ng	0.00
86) Perylene-d12	24.991	264	154774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	174130	93.189	ng	0.00
7) Phenol-d6	7.192	99	242466	85.722	ng	0.00
23) Nitrobenzene-d5	9.201	82	176995	60.940	ng	0.00
42) 2,4,6-Tribromophenol	16.174	330	115784	94.675	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	330844	57.860	ng	0.00
79) Terphenyl-d14	20.045	244	373076	46.405	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.201	70	25949	13.709	ng	# 72
51) 2,6-Dinitrotoluene	14.681	165	11487	8.311	ng	# 11
57) 2,4-Dinitrotoluene	14.681	165	11487	5.917	ng	# 17
67) 4-Bromophenyl-phenylether	16.179	248	7748	3.920	ng	# 1
77) Benzidine	20.045	184	7648	2.044	ng	# 90
85) Di-n-octyl phthalate	22.630	149	58637	6.468	ng	# 1

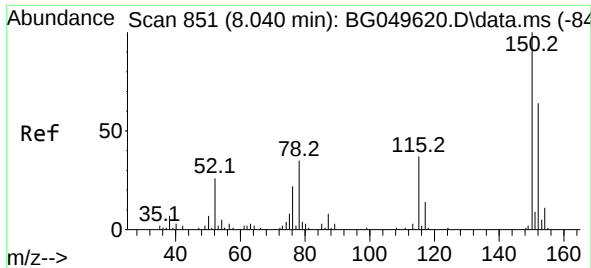
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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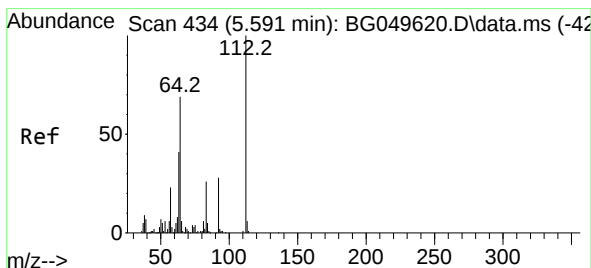
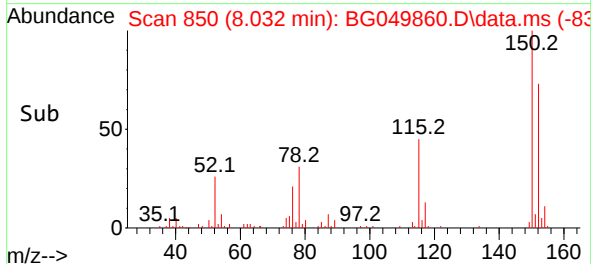
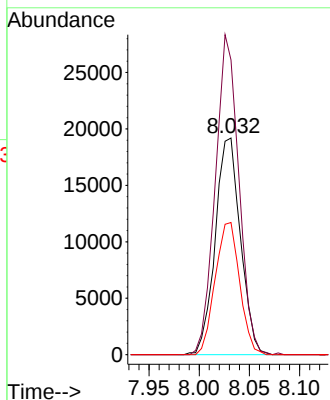
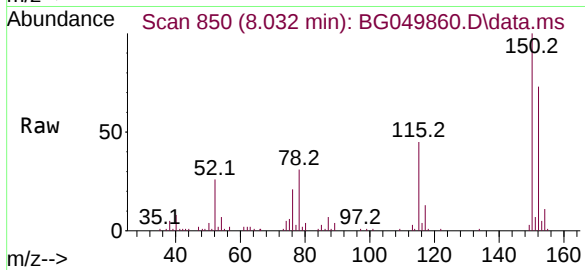




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.032 min Scan# 850
Delta R.T. 0.004 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

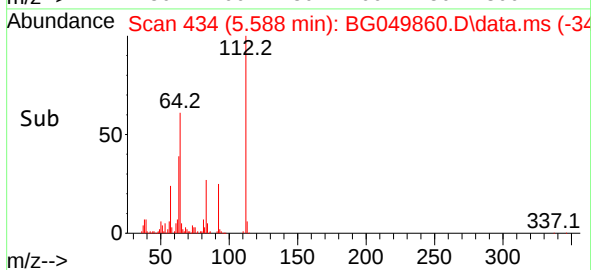
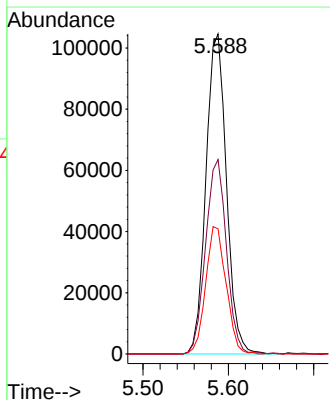
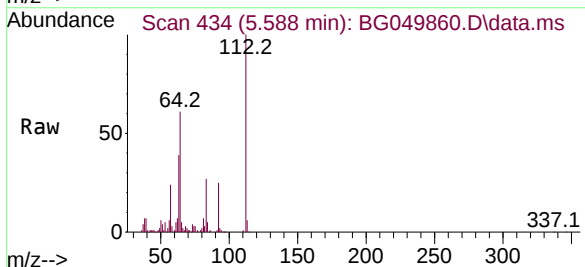
Instrument :
BNA_G
ClientSampleId :
26S

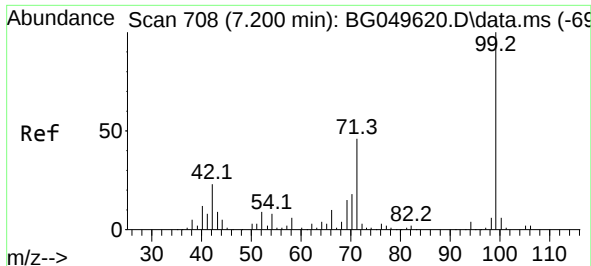
Tgt Ion:152 Resp: 33496
Ion Ratio Lower Upper
152 100
150 136.1 119.4 179.0
115 61.0 60.2 90.4



#5
2-Fluorophenol
Concen: 93.189 ng
RT: 5.588 min Scan# 434
Delta R.T. 0.010 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

Tgt Ion:112 Resp: 174130
Ion Ratio Lower Upper
112 100
64 60.8 46.7 70.1
63 39.1 35.3 52.9

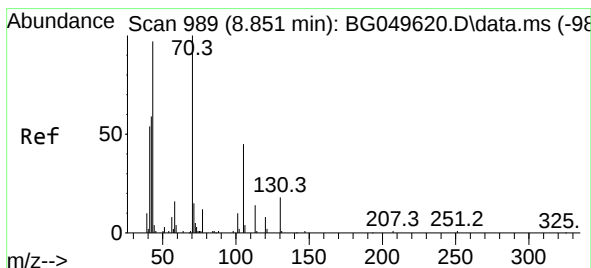
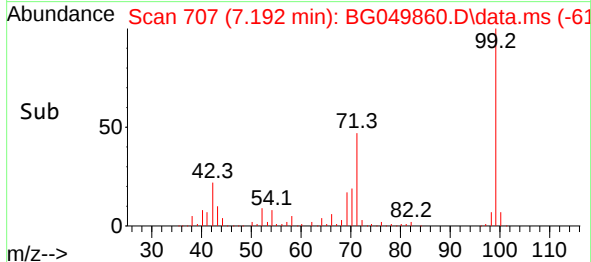
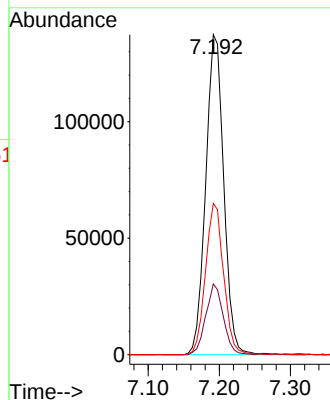
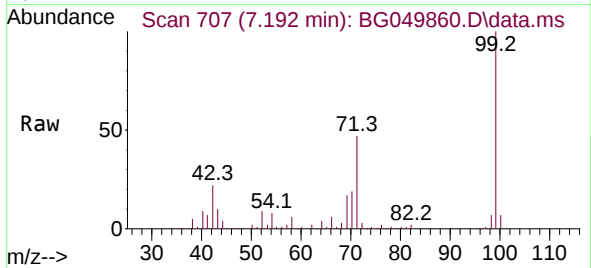




#7
Phenol-d6
Concen: 85.722 ng
RT: 7.192 min Scan# 707
Delta R.T. -0.002 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

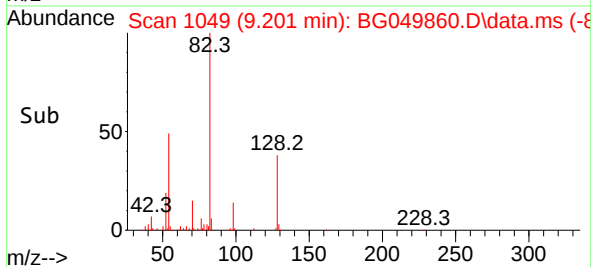
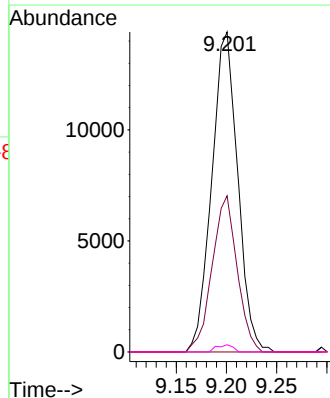
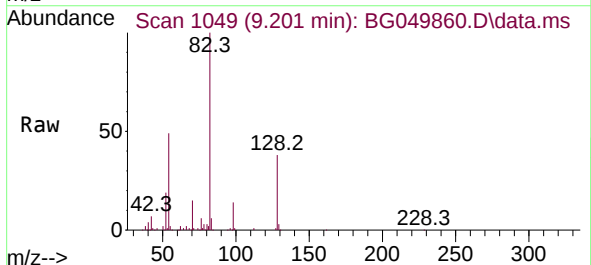
Instrument :
BNA_G
ClientSampleId :
26S

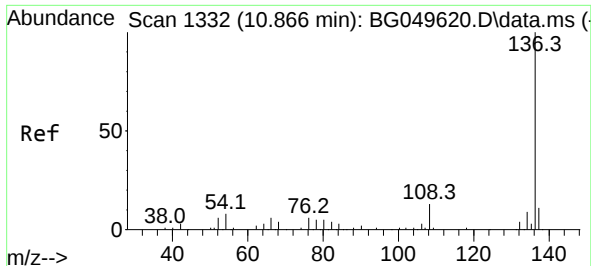
Tgt Ion:	99	Resp:	242466
Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.5	30.7
71	47.3	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.709 ng
RT: 9.201 min Scan# 1049
Delta R.T. 0.362 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

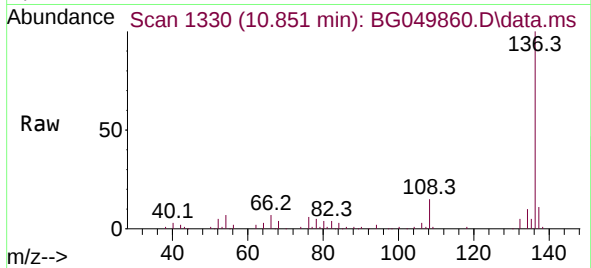
Tgt Ion:	70	Resp:	25949
Ion	Ratio	Lower	Upper
70	100		
42	48.8	54.5	81.7#
101	0.0	9.0	13.6#
130	2.3	17.0	25.6#



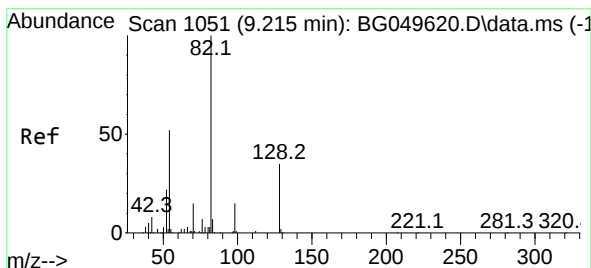
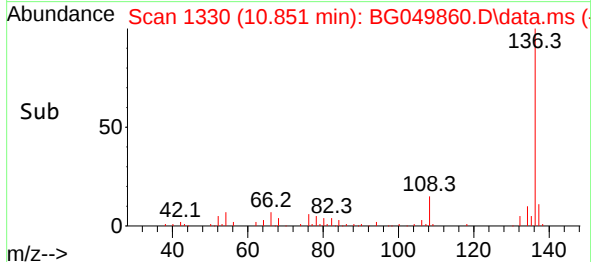
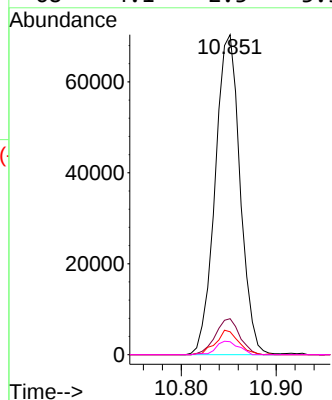


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1330
Delta R.T. 0.004 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

Instrument :
BNA_G
ClientSampleId :
26S

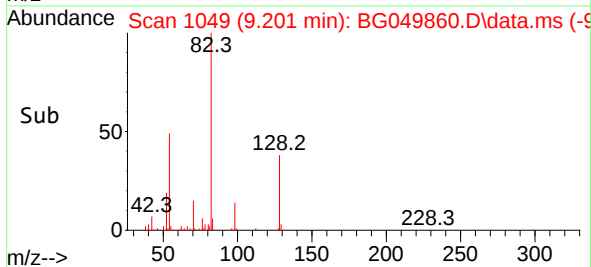
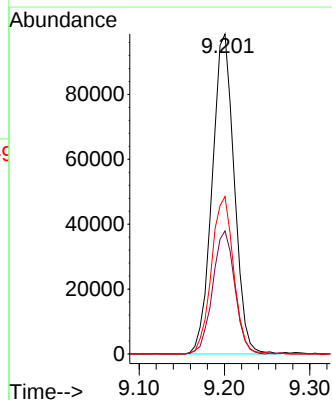
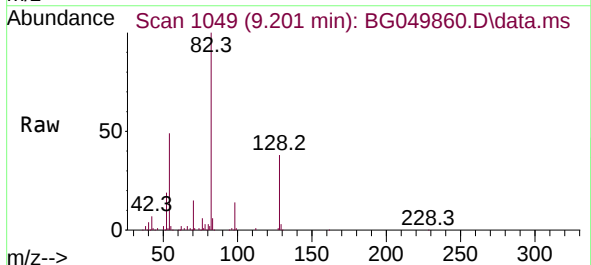


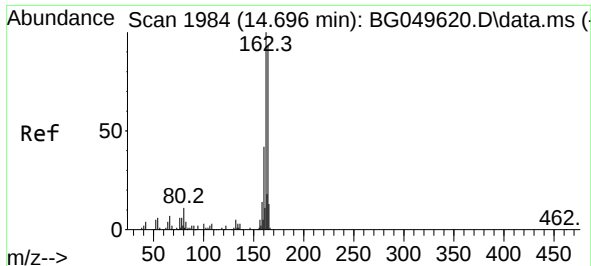
Tgt Ion:136 Resp: 128524
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 7.2 5.5 8.3
68 4.1 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 60.940 ng
RT: 9.201 min Scan# 1049
Delta R.T. 0.004 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

Tgt Ion: 82 Resp: 176995
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 49.2 45.8 68.8

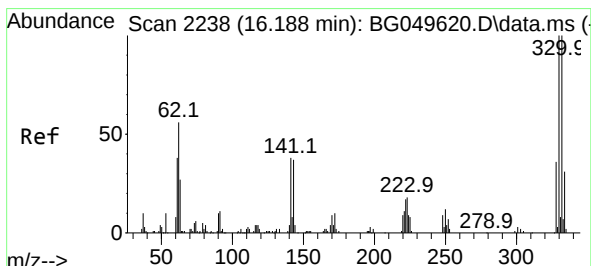
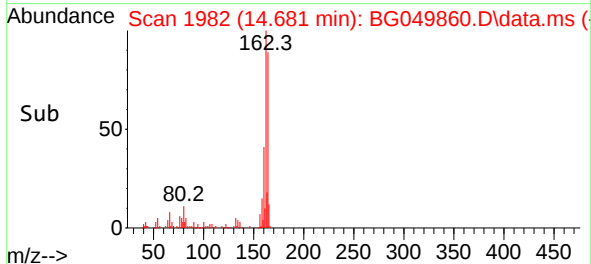
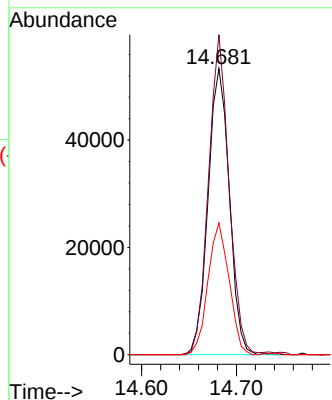
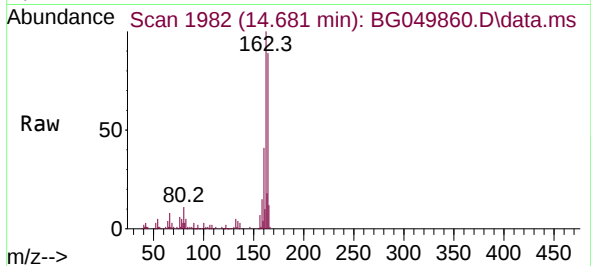




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

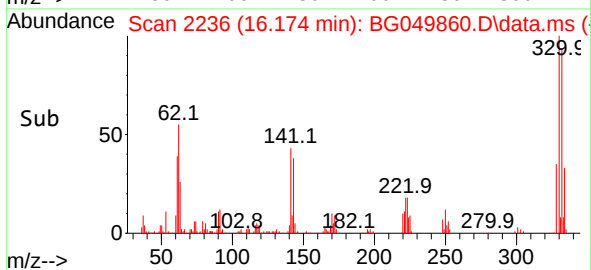
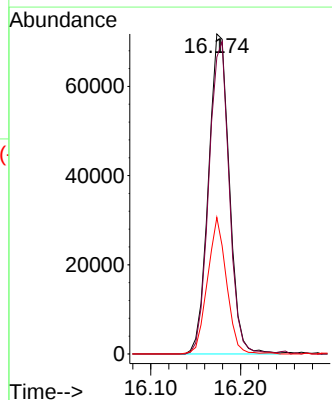
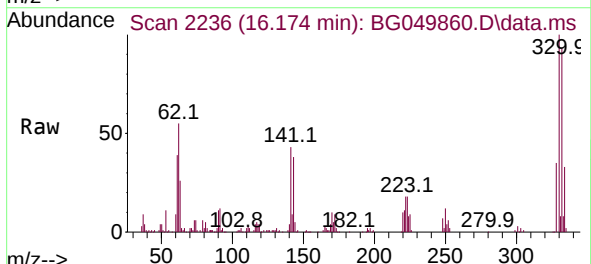
Instrument :
BNA_G
ClientSampleId :
26S

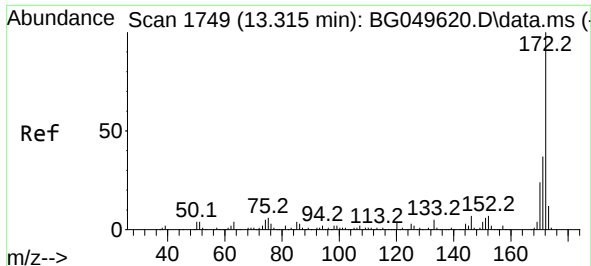
Tgt Ion:164 Resp: 83202
Ion Ratio Lower Upper
164 100
162 111.8 81.4 122.0
160 46.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 94.675 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.002 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

Tgt Ion:330 Resp: 115784
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 38.9 35.6 53.4

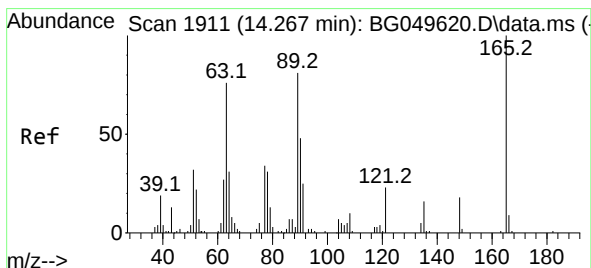
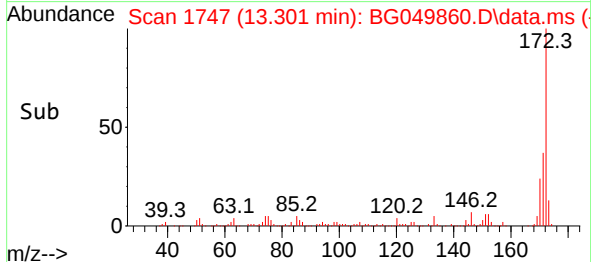
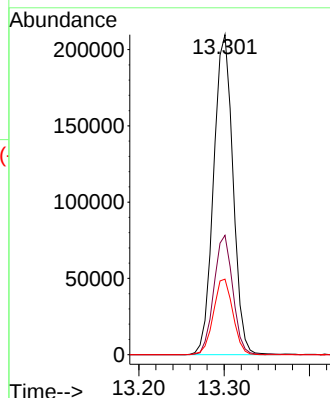
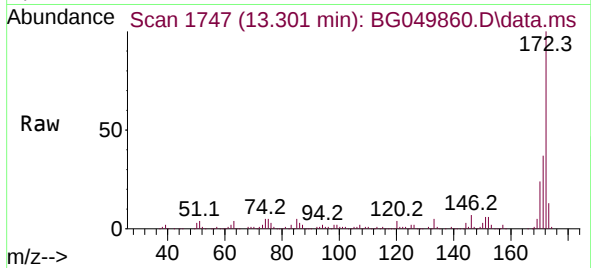




#45
2-Fluorobiphenyl
Concen: 57.860 ng
RT: 13.301 min Scan# 1747
Delta R.T. -0.002 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

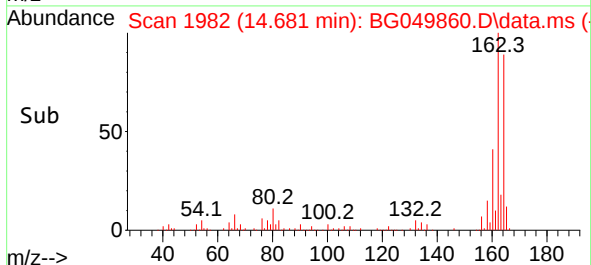
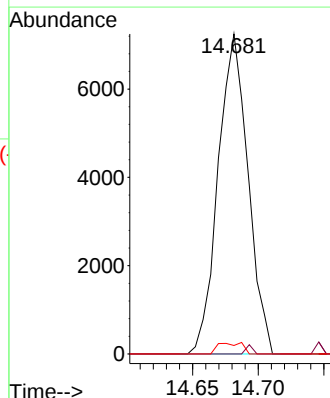
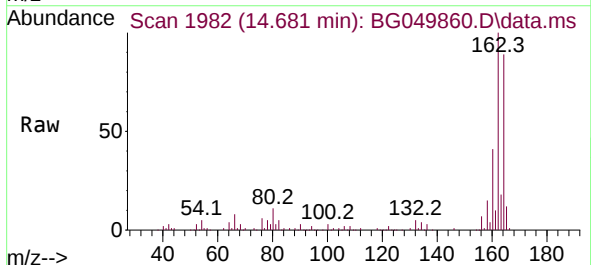
Instrument :
BNA_G
ClientSampleId :
26S

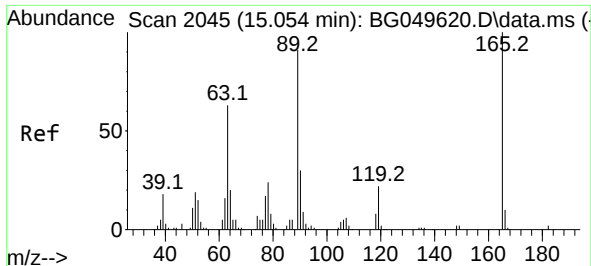
Tgt Ion:172 Resp: 330844
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.311 ng
RT: 14.681 min Scan# 1982
Delta R.T. 0.427 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

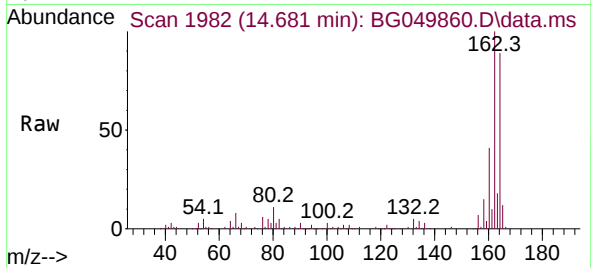
Tgt Ion:165 Resp: 11487
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.6 63.4 95.0#



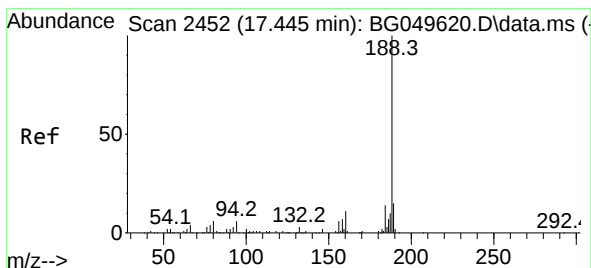
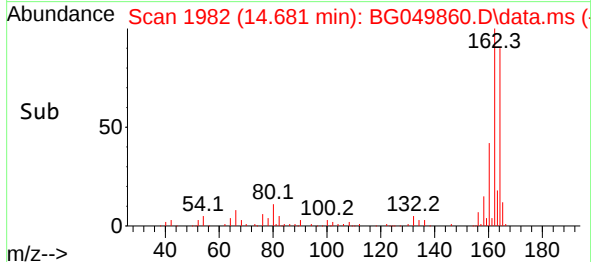
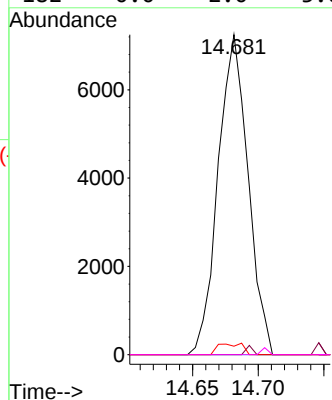


#57
2,4-Dinitrotoluene
Concen: 5.917 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.366 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

Instrument :
BNA_G
ClientSampleId :
26S

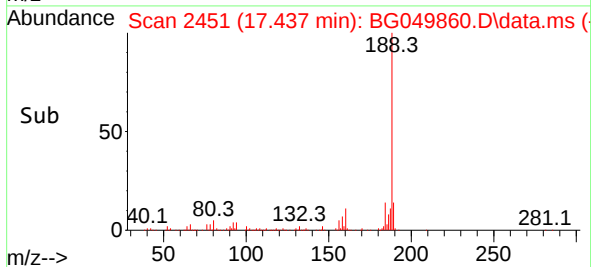
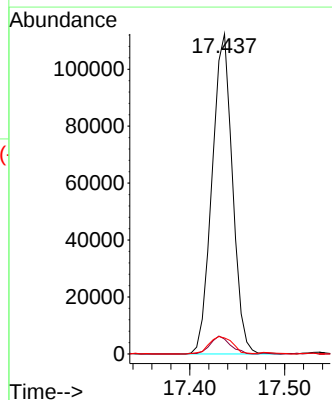
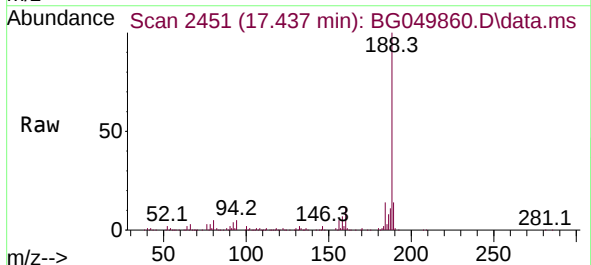


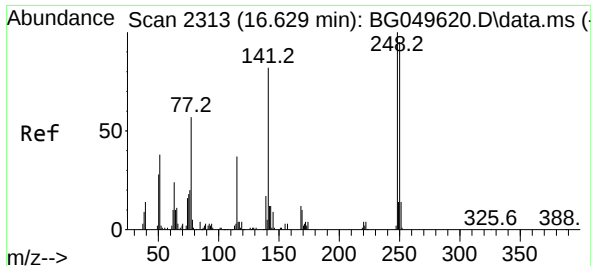
Tgt Ion:165 Resp: 11487
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.6 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.437 min Scan# 2451
Delta R.T. -0.002 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

Tgt Ion:188 Resp: 167822
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.0 3.7 5.5

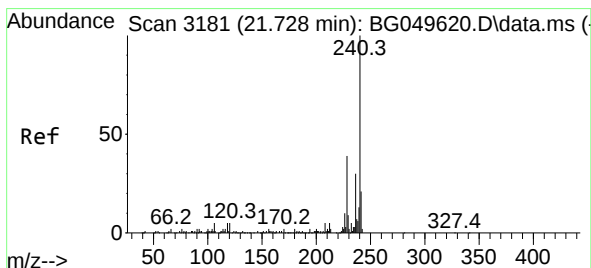
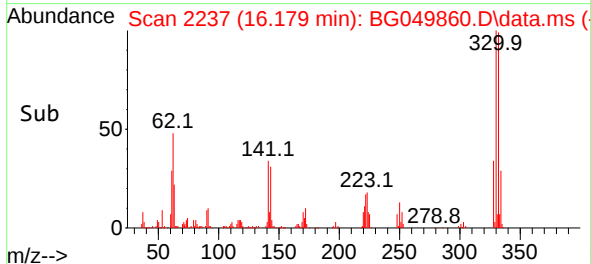
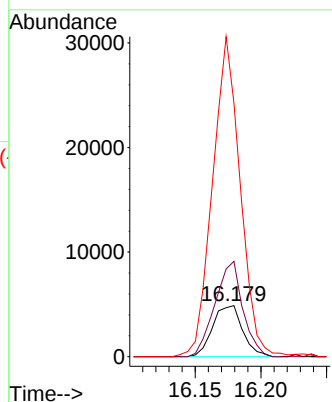
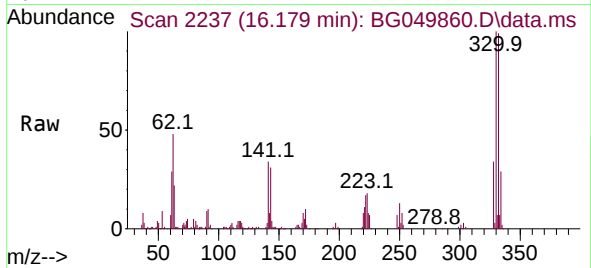




#67
4-Bromophenyl-phenylether
Concen: 3.920 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.437 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

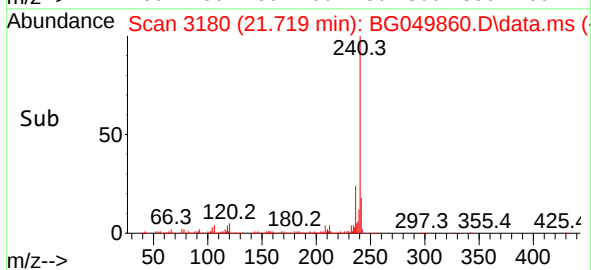
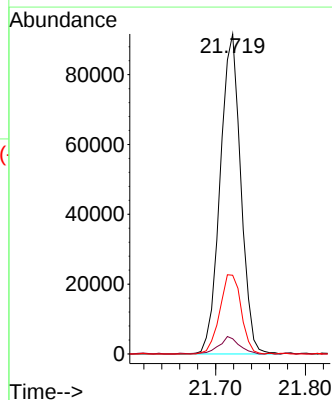
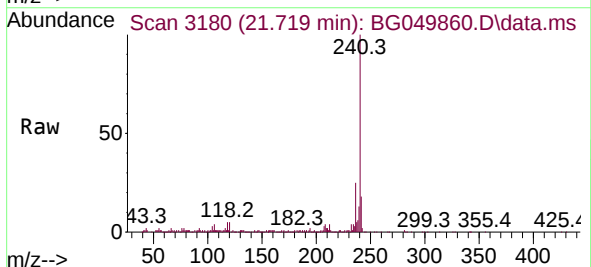
Instrument :
BNA_G
ClientSampled :
26S

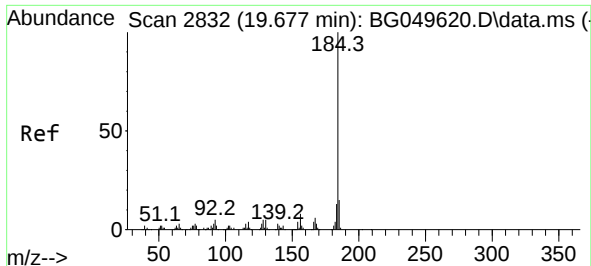
Tgt Ion:248 Resp: 7748
Ion Ratio Lower Upper
248 100
250 186.9 76.1 114.1#
141 497.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3180
Delta R.T. -0.002 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

Tgt Ion:240 Resp: 146014
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 24.6 21.8 32.6

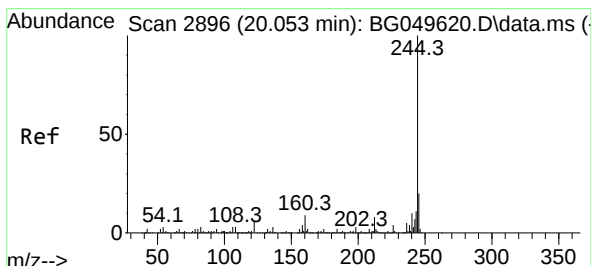
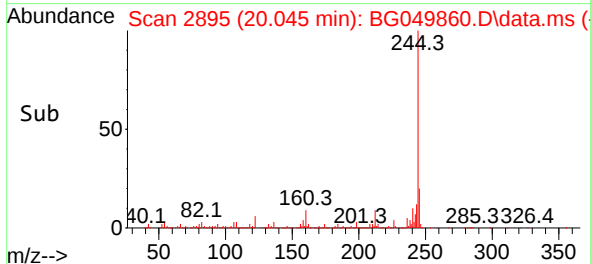
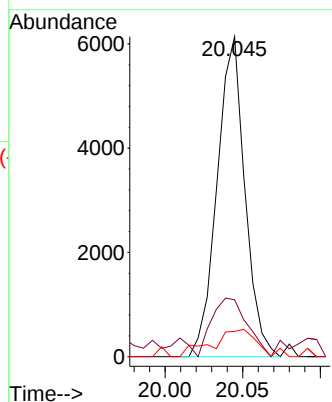
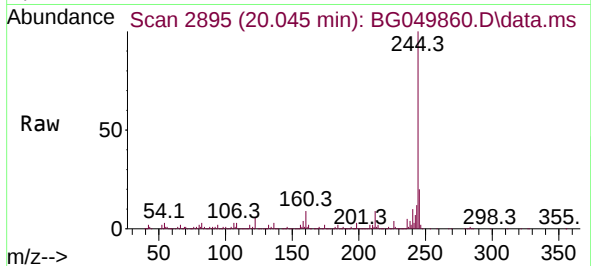




#77
Benzidine
Concen: 2.044 ng
RT: 20.045 min Scan# 2895
Delta R.T. 0.380 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

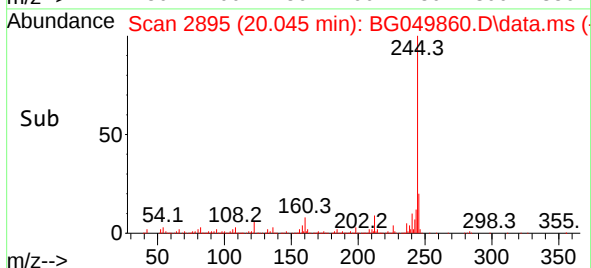
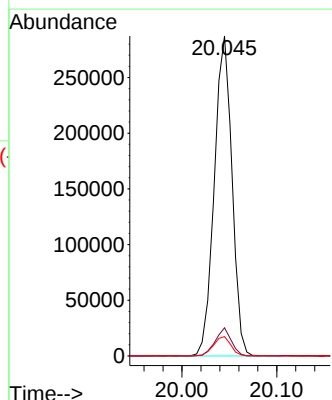
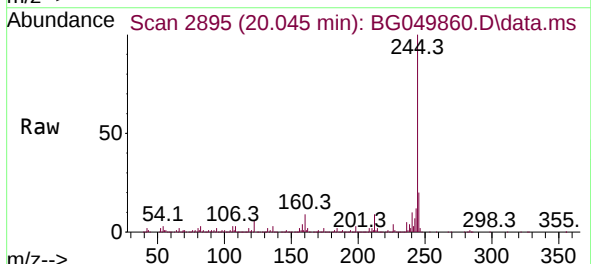
Instrument :
BNA_G
ClientSampled :
26S

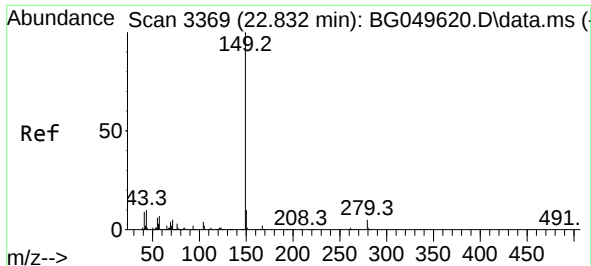
Tgt Ion:184 Resp: 7648
Ion Ratio Lower Upper
184 100
185 17.8 10.7 16.1#
183 7.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 46.405 ng
RT: 20.045 min Scan# 2895
Delta R.T. -0.002 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

Tgt Ion:244 Resp: 373076
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 6.1 5.0 7.6

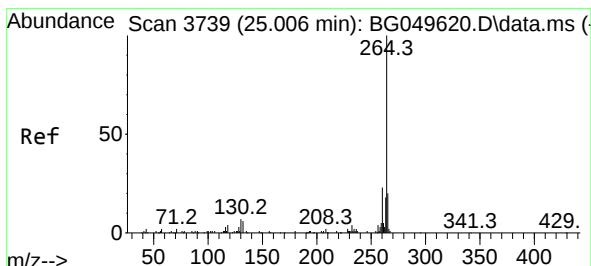
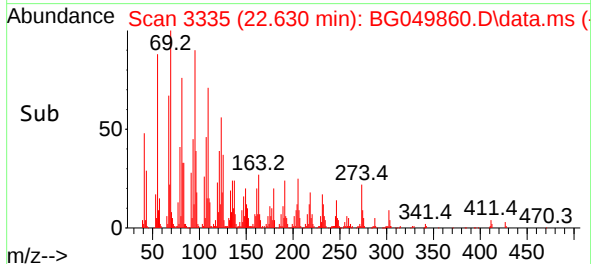
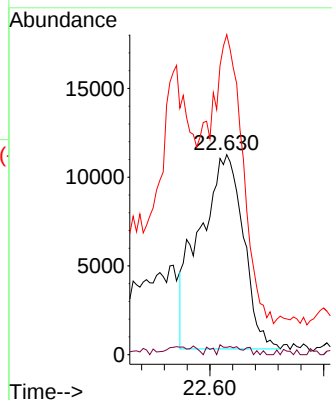
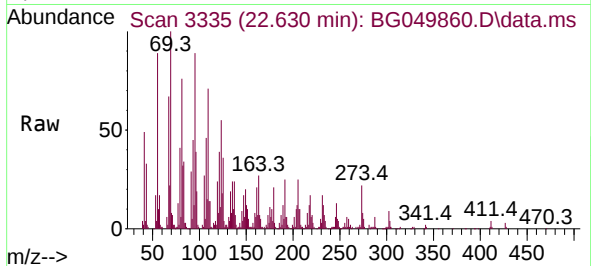




#85
Di-n-octyl phthalate
Concen: 6.468 ng
RT: 22.630 min Scan# 3335
Delta R.T. -0.184 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

Instrument :
BNA_G
ClientSampled :
26S

Tgt Ion:149 Resp: 58637
Ion Ratio Lower Upper
149 100
167 0.8 1.4 2.2#
43 77.7 8.6 12.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.991 min Scan# 3737
Delta R.T. 0.004 min
Lab File: BG049860.D
Acq: 16 Aug 2021 21:50

Tgt Ion:264 Resp: 154774
Ion Ratio Lower Upper
264 100
260 25.8 19.4 29.2
265 19.2 16.9 25.3

