

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052500.D
 Acq On : 28 Feb 2022 14:13
 Operator : CG/JU
 Sample : N1664-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Mar 01 00:59:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

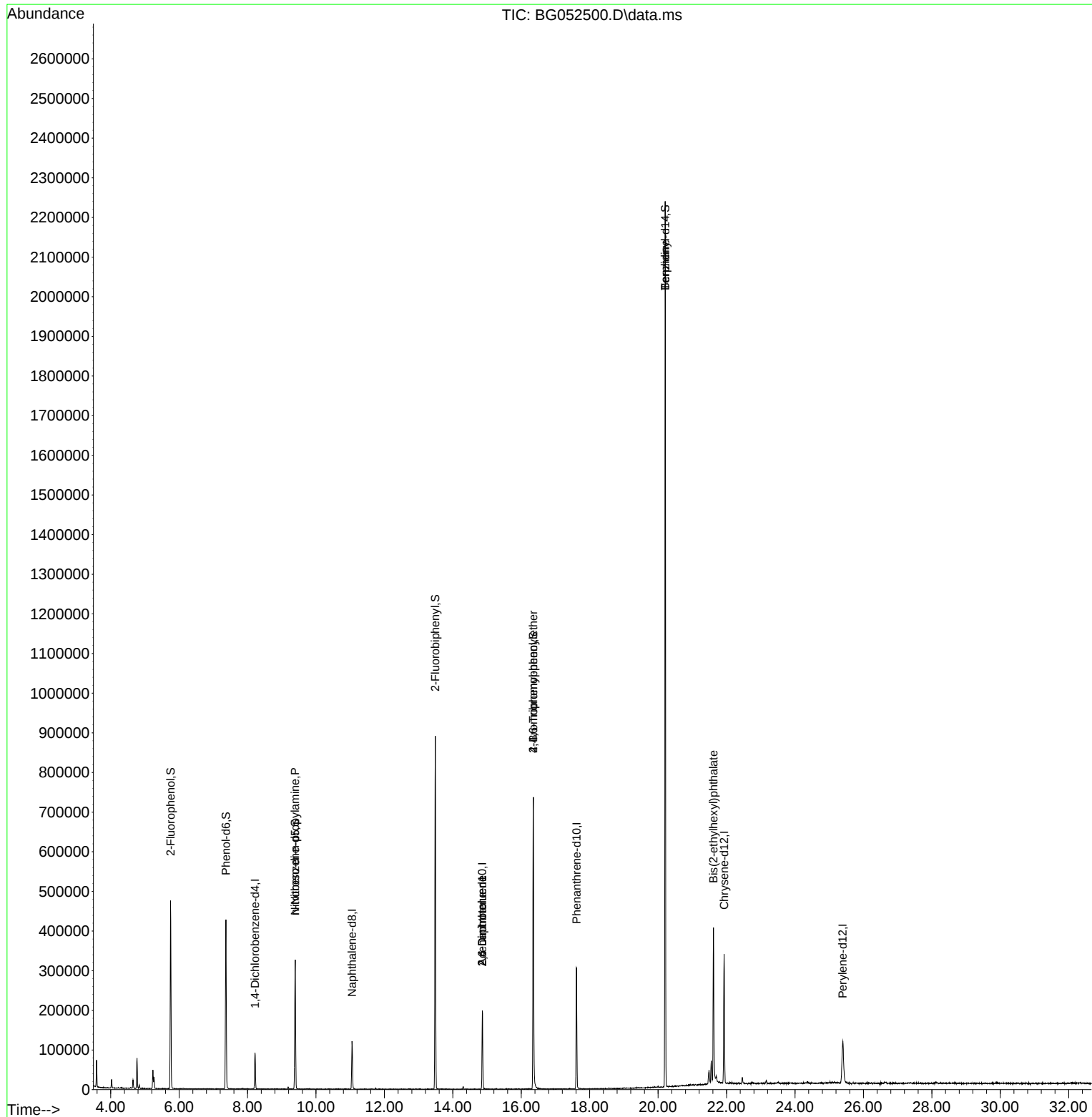
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	26960	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	102918	20.000	ng	#-0.01
39) Acenaphthene-d10	14.861	164	72707	20.000	ng	-0.01
64) Phenanthrene-d10	17.616	188	204227	20.000	ng	0.00
76) Chrysene-d12	21.928	240	210444	20.000	ng	-0.01
86) Perylene-d12	25.394	264	93476	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	200256	129.458	ng	0.00
7) Phenol-d6	7.365	99	247327	103.625	ng	0.00
23) Nitrobenzene-d5	9.392	82	207800	87.752	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	164457	157.443	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	470881	89.992	ng	0.00
79) Terphenyl-d14	20.207	244	1133031	95.074	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.360	77	223	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.392	70	28294	15.725	ng	# 69
51) 2,6-Dinitrotoluene	14.861	165	9792	8.147	ng	# 16
57) 2,4-Dinitrotoluene	14.861	165	9792	5.724	ng	# 15
67) 4-Bromophenyl-phenylether	16.353	248	10515	4.234	ng	# 1
77) Benzidine	20.207	184	16111	3.583	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.617	149	182705	26.938	ng	# 54

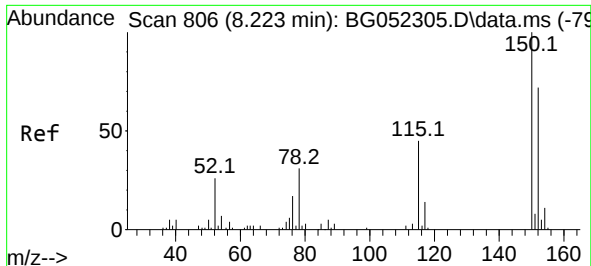
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 01 00:59:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

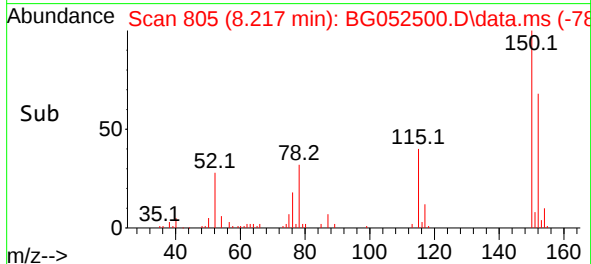
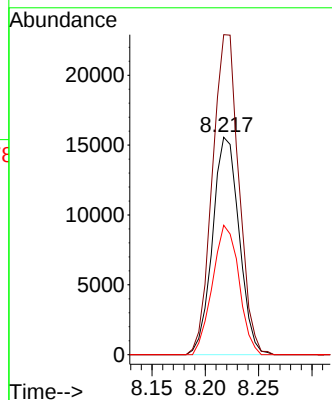
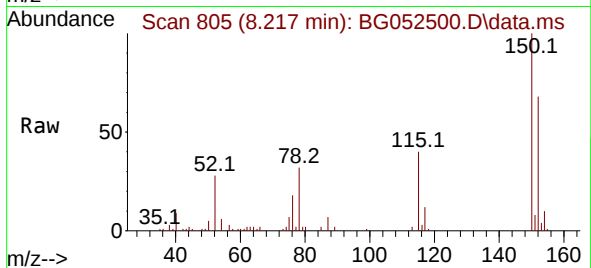




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

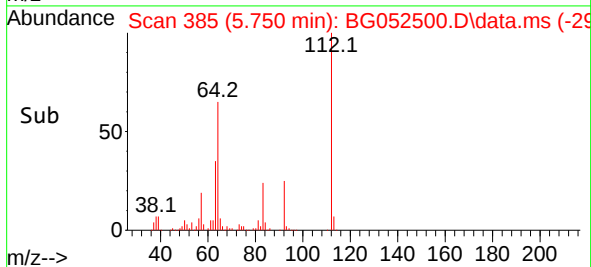
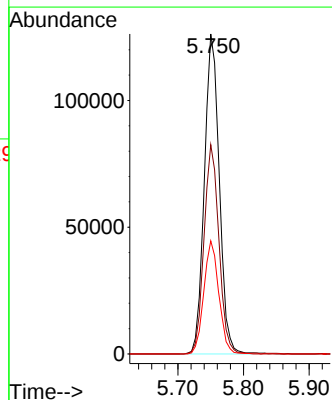
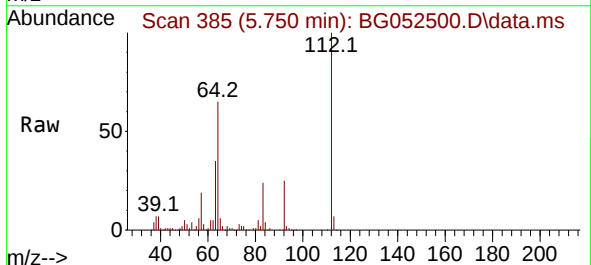
Instrument :
BNA_G
ClientSampleId :
TP-7

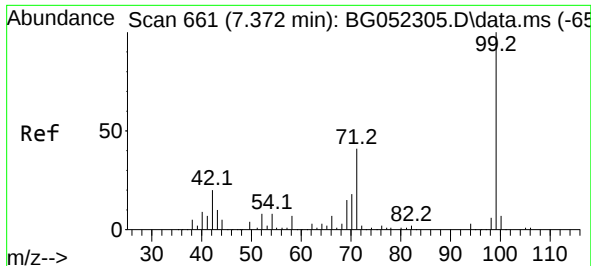
Tgt Ion:152 Resp: 26960
Ion Ratio Lower Upper
152 100
150 147.2 117.8 176.8
115 59.5 50.2 75.2



#5
2-Fluorophenol
Concen: 129.458 ng
RT: 5.750 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

Tgt Ion:112 Resp: 200256
Ion Ratio Lower Upper
112 100
64 65.4 60.4 90.6
63 35.3 33.3 49.9

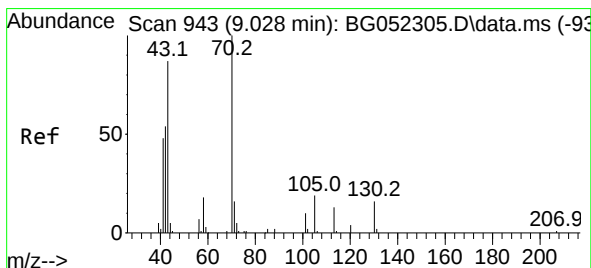
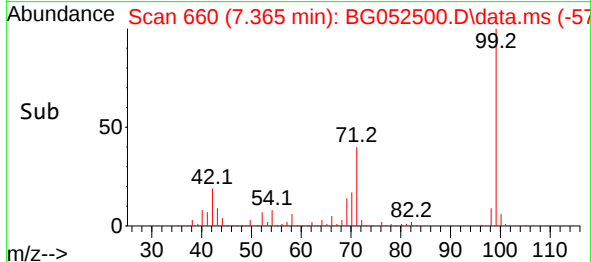
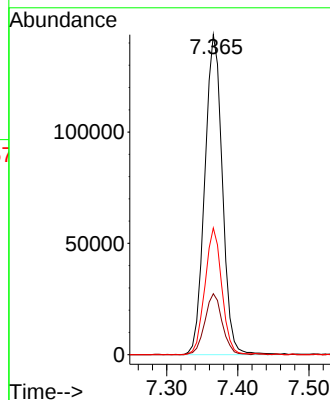
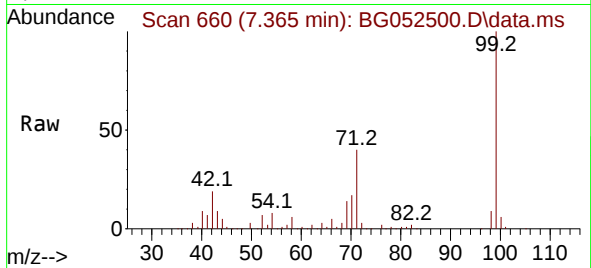




#7
Phenol-d6
Concen: 103.625 ng
RT: 7.365 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

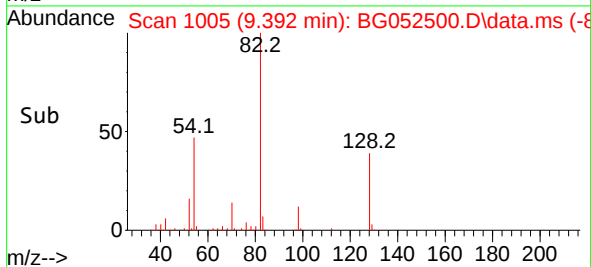
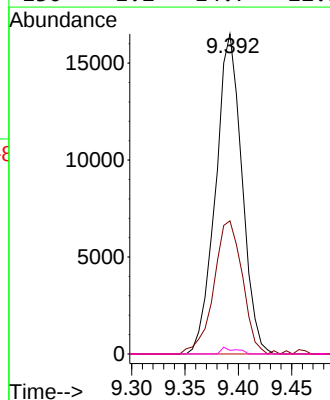
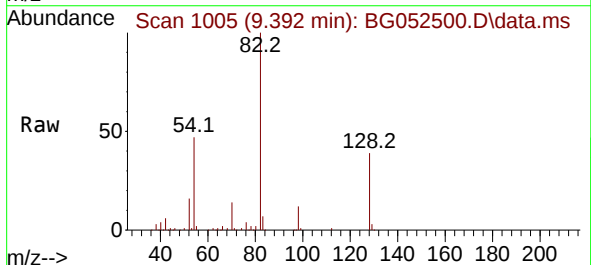
Instrument :
BNA_G
ClientSampleId :
TP-7

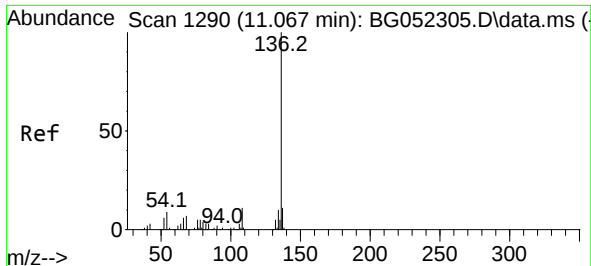
Tgt Ion: 99 Resp: 247327
Ion Ratio Lower Upper
99 100
42 19.0 19.1 28.7#
71 39.6 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.725 ng
RT: 9.392 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

Tgt Ion: 70 Resp: 28294
Ion Ratio Lower Upper
70 100
42 41.6 51.8 77.6#
101 0.0 6.6 10.0#
130 1.2 14.7 22.1#

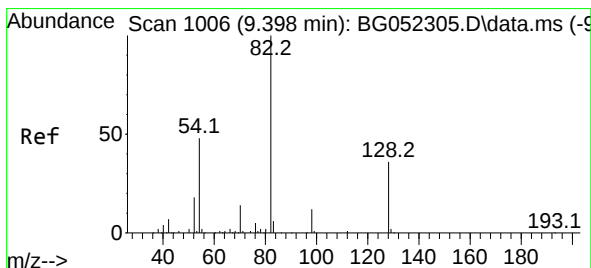
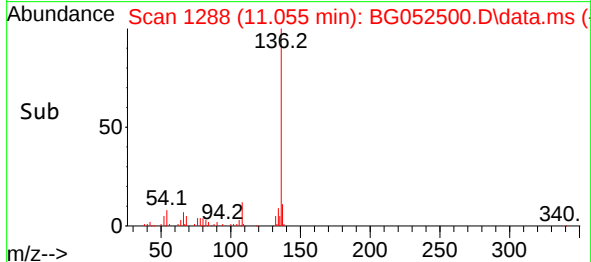
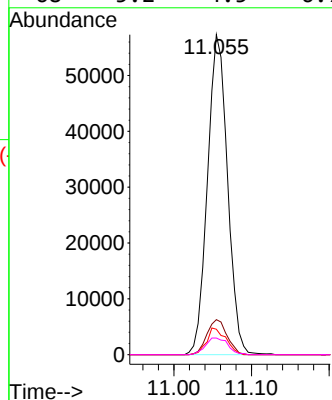
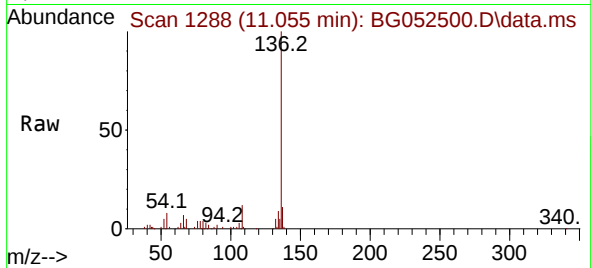




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

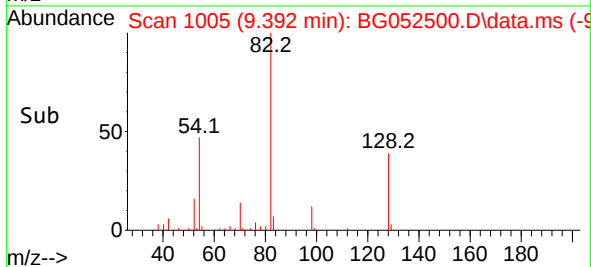
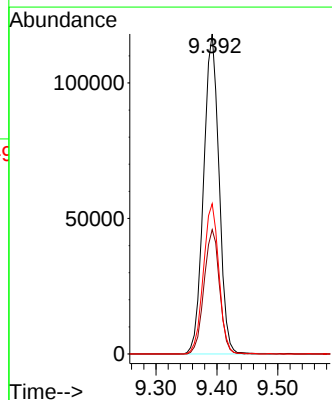
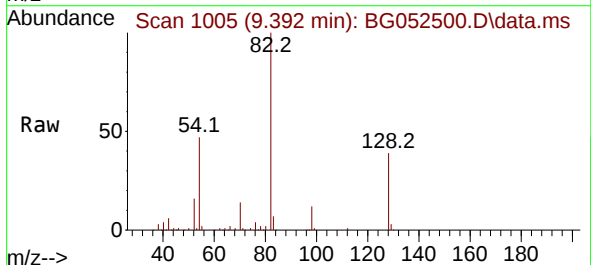
Instrument :
BNA_G
ClientSampleId :
TP-7

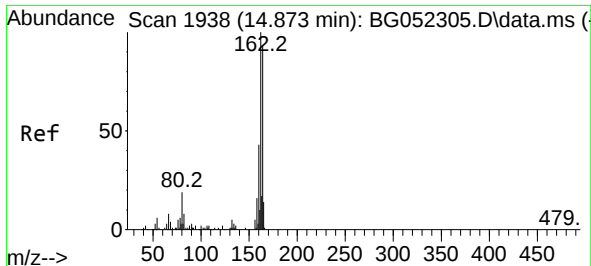
Tgt Ion:136 Resp: 102918
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.0 8.3 12.5#
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 87.752 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

Tgt Ion: 82 Resp: 207800
Ion Ratio Lower Upper
82 100
128 38.8 27.0 40.4
54 46.9 41.0 61.6

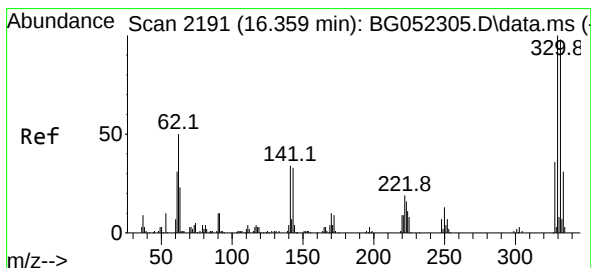
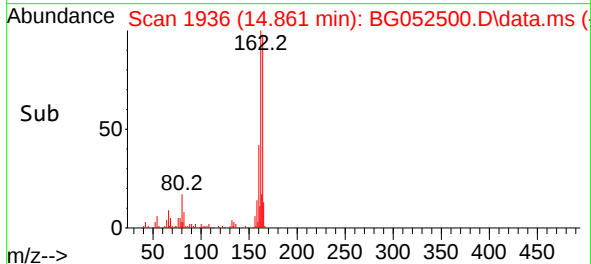
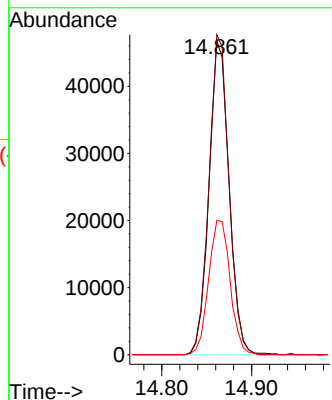
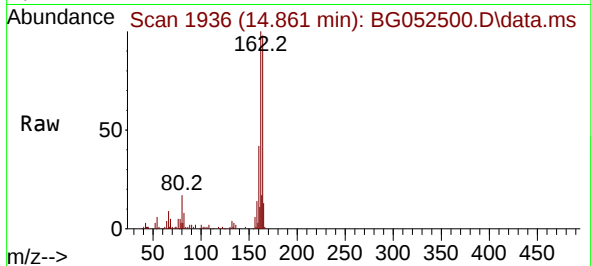




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.861 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

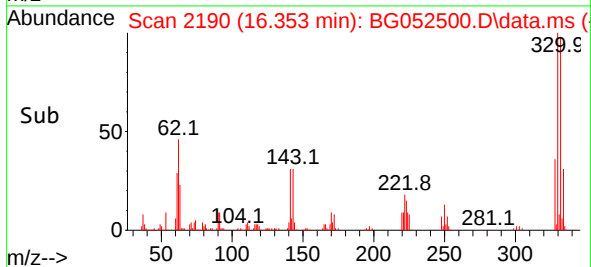
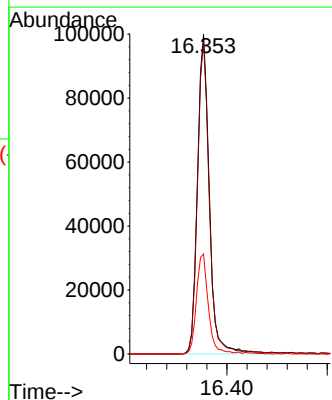
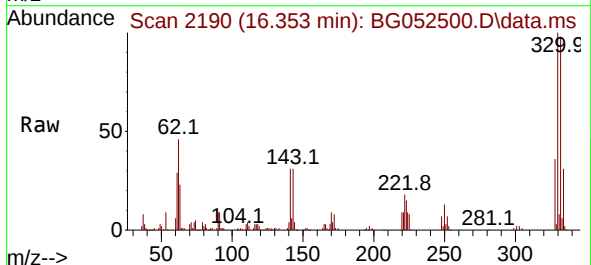
Instrument :
BNA_G
ClientSampleId :
TP-7

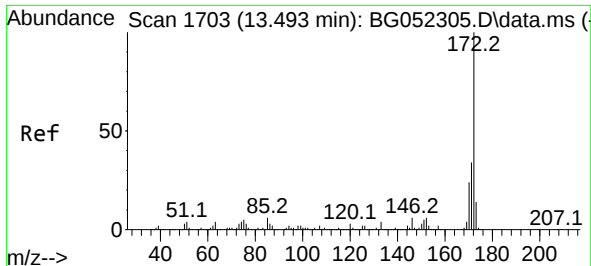
Tgt Ion:164 Resp: 72707
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 42.8 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 157.443 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

Tgt Ion:330 Resp: 164457
Ion Ratio Lower Upper
330 100
332 96.7 78.6 117.8
141 31.1 28.8 43.2

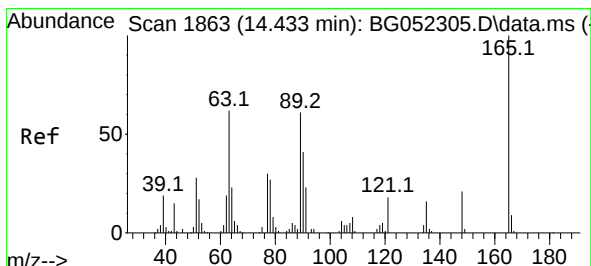
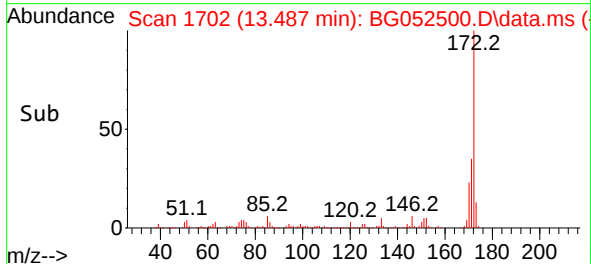
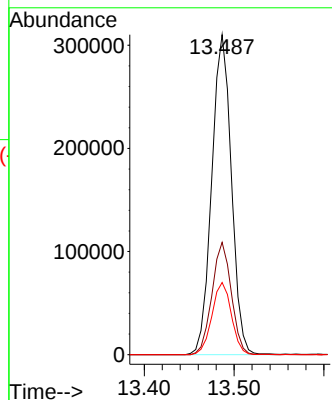
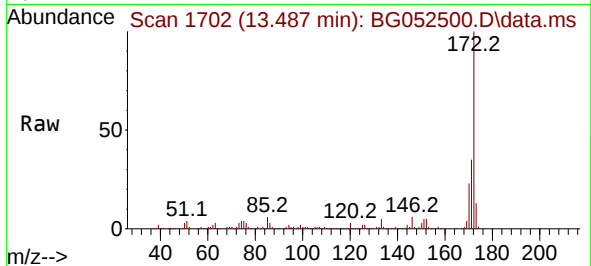




#45
2-Fluorobiphenyl
Concen: 89.992 ng
RT: 13.487 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

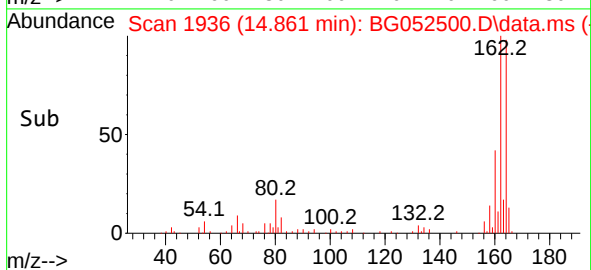
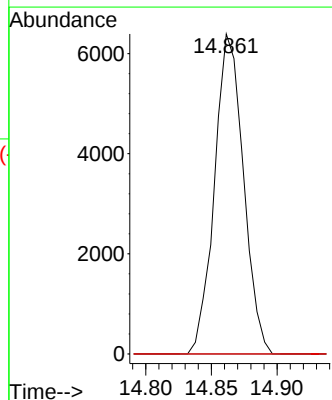
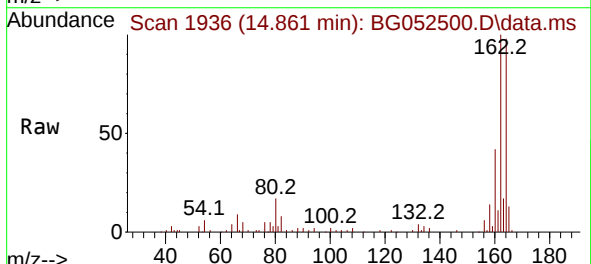
Instrument :
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TP-7

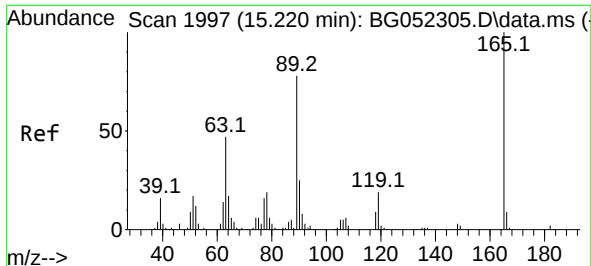
Tgt Ion:172 Resp: 470881
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.5 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.147 ng
RT: 14.861 min Scan# 1936
Delta R.T. 0.429 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

Tgt Ion:165 Resp: 9792
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#

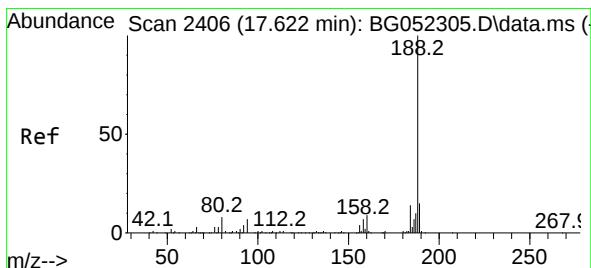
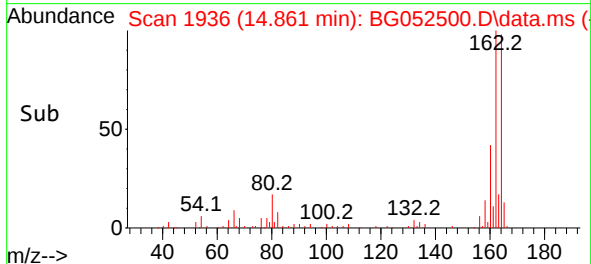
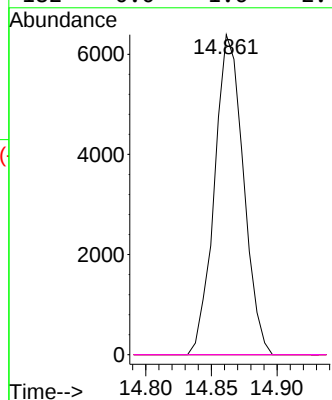
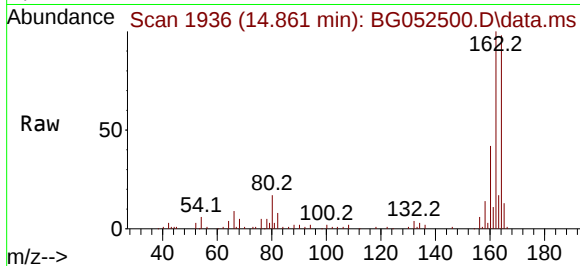




#57
2,4-Dinitrotoluene
Concen: 5.724 ng
RT: 14.861 min Scan# 1997
Delta R.T. -0.359 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

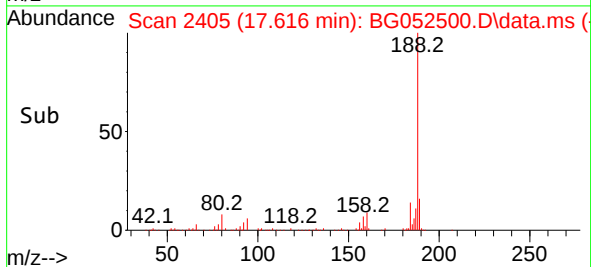
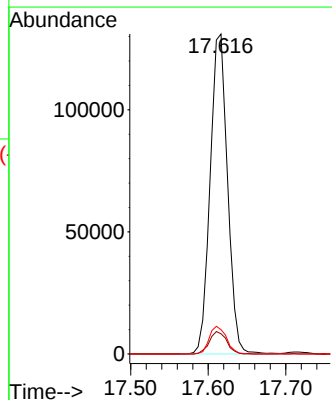
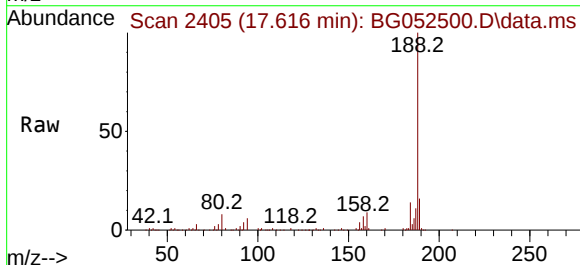
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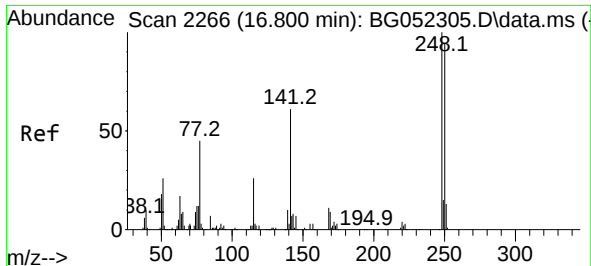
Tgt Ion:165 Resp: 9792
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

Tgt Ion:188 Resp: 204227
Ion Ratio Lower Upper
188 100
94 6.3 5.9 8.9
80 7.6 6.6 10.0

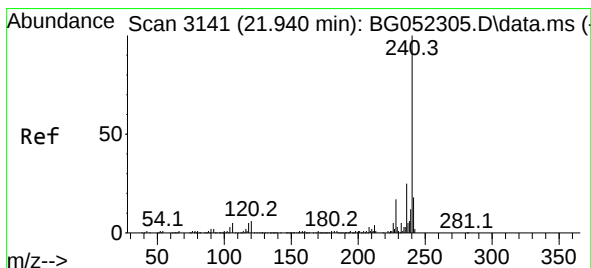
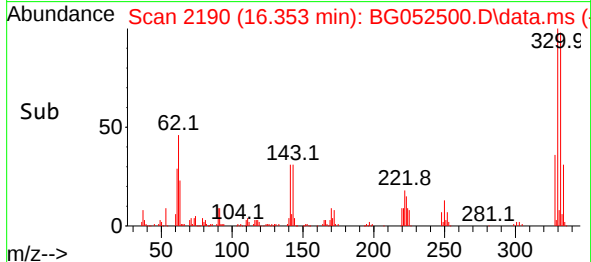
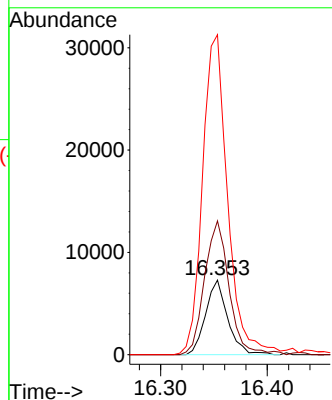
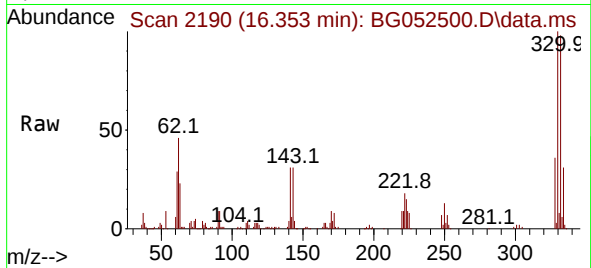




#67
4-Bromophenyl-phenylether
Concen: 4.234 ng
RT: 16.353 min Scan# 21190
Delta R.T. -0.447 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

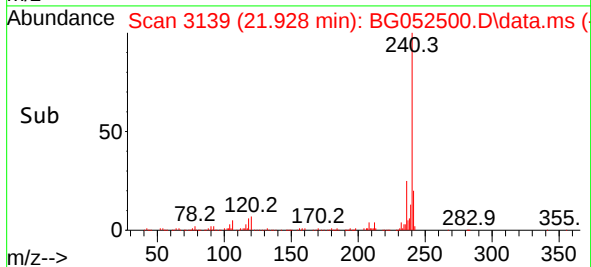
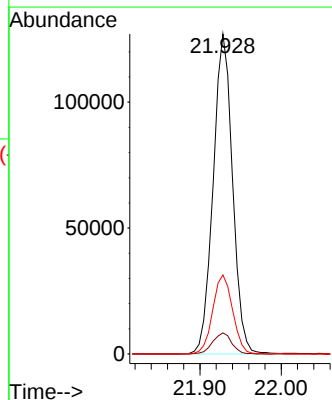
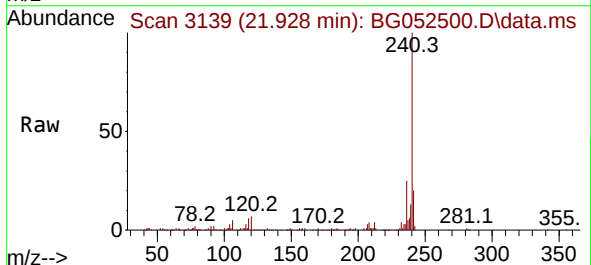
Instrument :
BNA_G
ClientSampleId :
TP-7

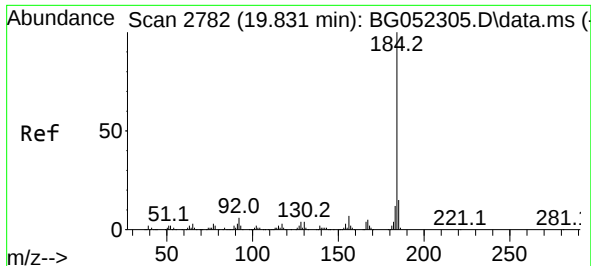
Tgt Ion:248 Resp: 10515
Ion Ratio Lower Upper
248 100
250 179.3 79.6 119.4#
141 429.0 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

Tgt Ion:240 Resp: 210444
Ion Ratio Lower Upper
240 100
120 6.6 4.4 6.6
236 24.7 20.8 31.2

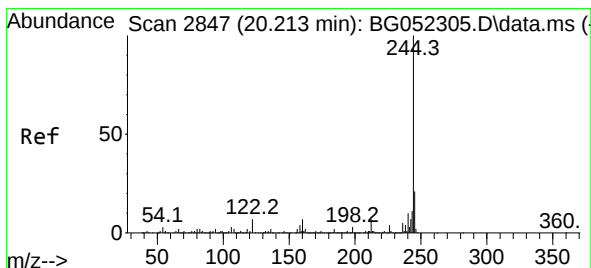
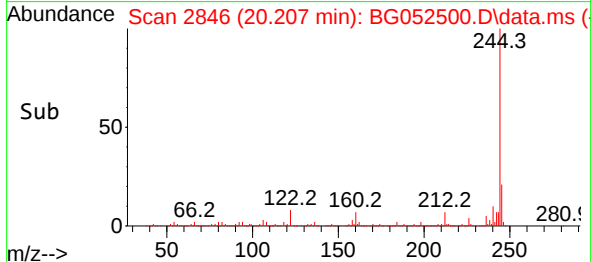
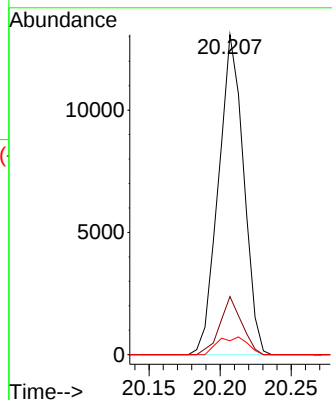
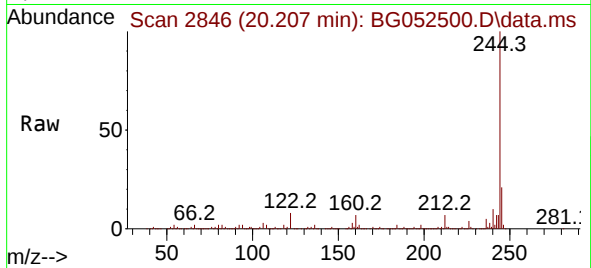




#77
Benzidine
Concen: 3.583 ng
RT: 20.207 min Scan# 2846
Delta R.T. 0.376 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

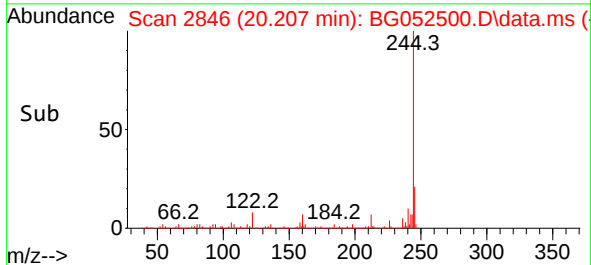
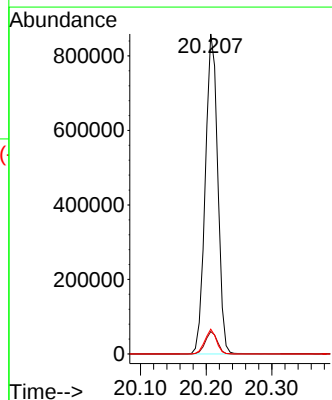
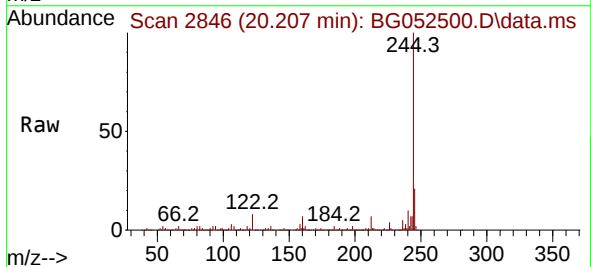
Instrument :
BNA_G
ClientSampleId :
TP-7

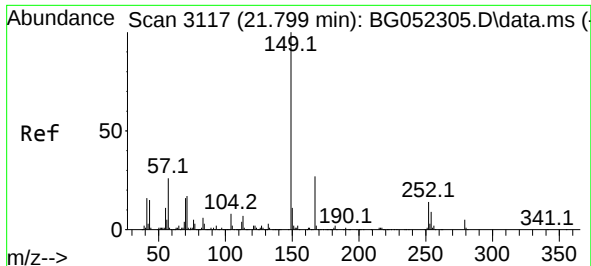
Tgt Ion:184 Resp: 16111
Ion Ratio Lower Upper
184 100
185 18.1 11.8 17.8#
183 4.3 9.8 14.6#



#79
Terphenyl-d14
Concen: 95.074 ng
RT: 20.207 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

Tgt Ion:244 Resp: 1133031
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 7.8 6.2 9.4

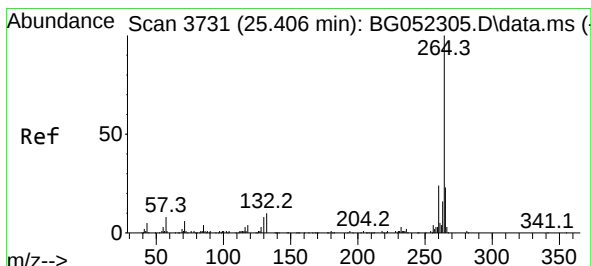
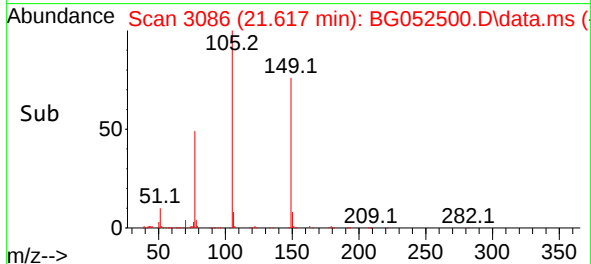
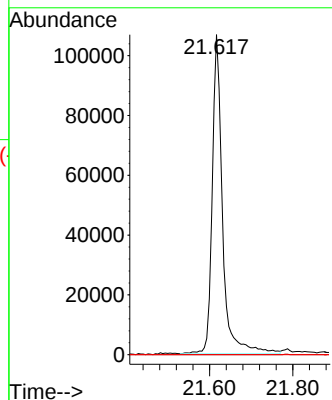
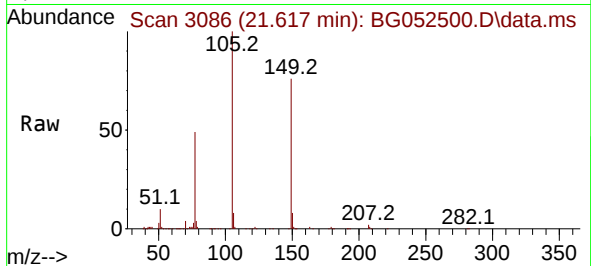




#84
Bis(2-ethylhexyl)phthalate
Concen: 26.938 ng
RT: 21.617 min Scan# 3086
Delta R.T. -0.182 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:149 Resp: 182705
Ion Ratio Lower Upper
149 100
167 0.0 21.4 32.0#
279 0.0 4.2 6.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.394 min Scan# 3729
Delta R.T. -0.012 min
Lab File: BG052500.D
Acq: 28 Feb 2022 14:13

Tgt Ion:264 Resp: 93476
Ion Ratio Lower Upper
264 100
260 27.3 18.5 27.7
265 19.5 17.8 26.6

