

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054881.D
 Acq On : 8 Sep 2022 10:52
 Operator : CG/JU
 Sample : PB147503BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147503BL

Quant Time: Sep 09 02:47:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

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

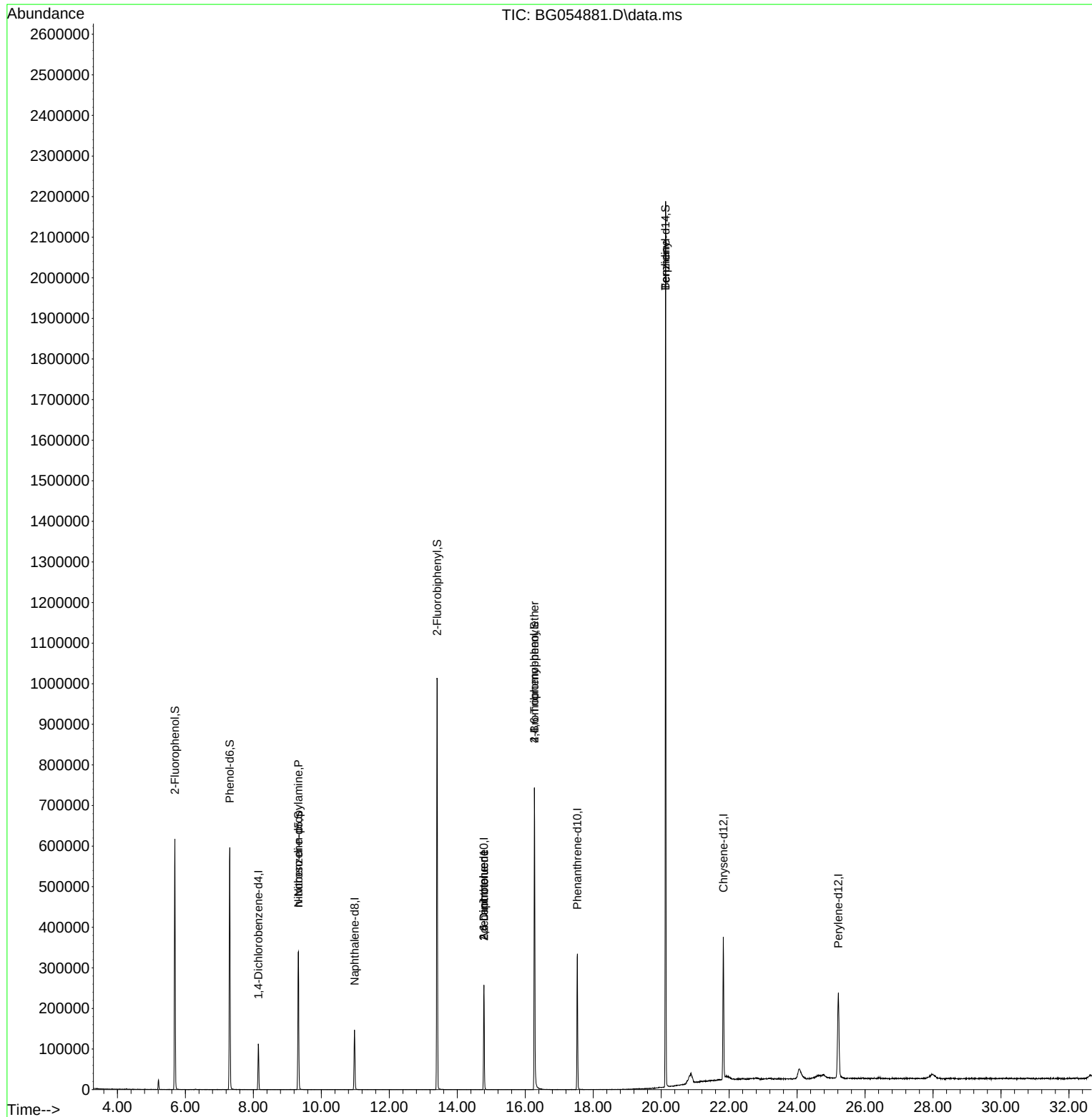
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	35718	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	143086	20.000	ng	0.00
39) Acenaphthene-d10	14.785	164	98633	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	235765	20.000	ng	0.00
76) Chrysene-d12	21.830	240	235187	20.000	ng	0.00
86) Perylene-d12	25.214	264	247088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	294962	143.803	ng	0.00
7) Phenol-d6	7.306	99	384238	136.977	ng	0.00
23) Nitrobenzene-d5	9.327	82	229168	84.079	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	180498	146.451	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	588739	89.715	ng	0.00
79) Terphenyl-d14	20.132	244	1111363	93.629	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.327	70	28458	14.753	ng	# 77
51) 2,6-Dinitrotoluene	14.785	165	12742	8.198	ng	# 20
57) 2,4-Dinitrotoluene	14.785	165	12742	5.927	ng	# 18
67) 4-Bromophenyl-phenylether	16.272	248	11264	4.352	ng	# 1
77) Benzidine	20.132	184	15720	2.699	ng	# 91

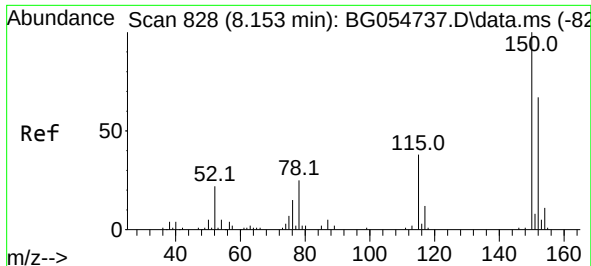
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

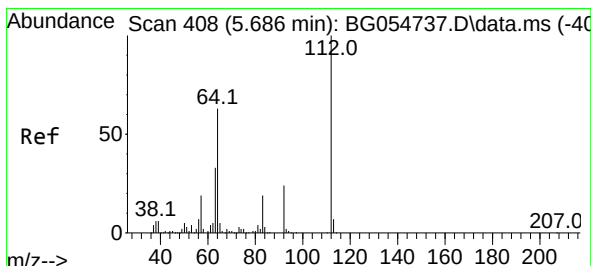
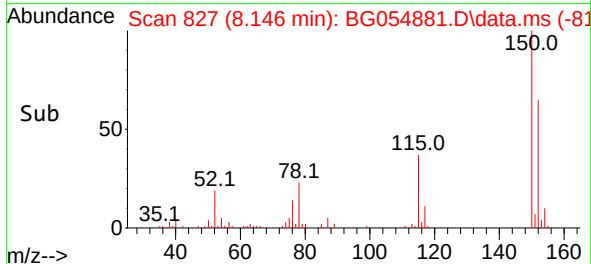
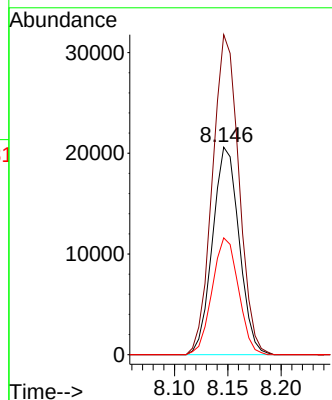
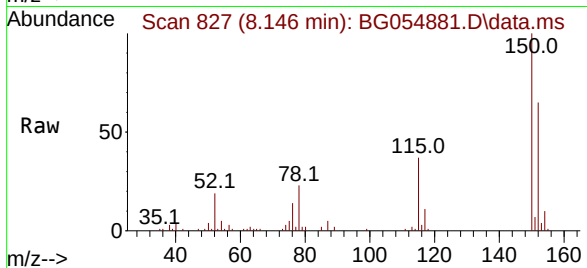




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

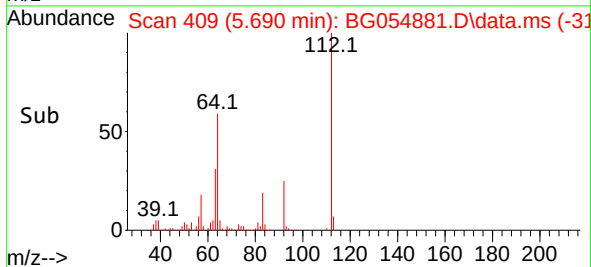
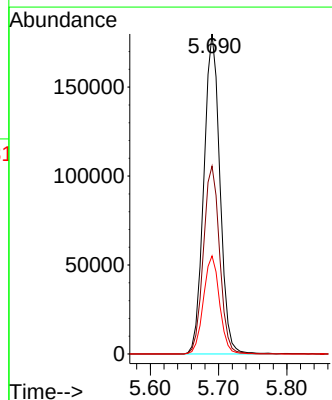
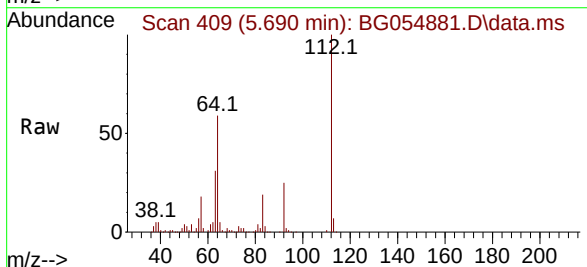
Instrument :
BNA_G
ClientSampleId :
PB147503BL

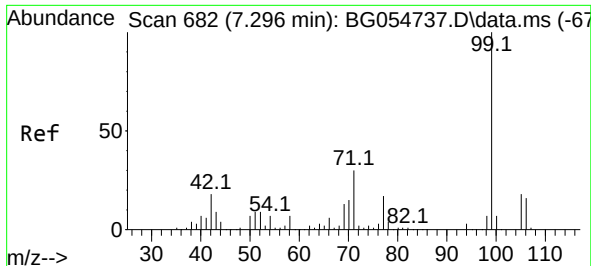
Tgt Ion:152 Resp: 35718
Ion Ratio Lower Upper
152 100
150 154.3 125.2 187.8
115 56.3 47.9 71.9



#5
2-Fluorophenol
Concen: 143.803 ng
RT: 5.690 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

Tgt Ion:112 Resp: 294962
Ion Ratio Lower Upper
112 100
64 58.7 49.3 73.9
63 30.7 26.3 39.5

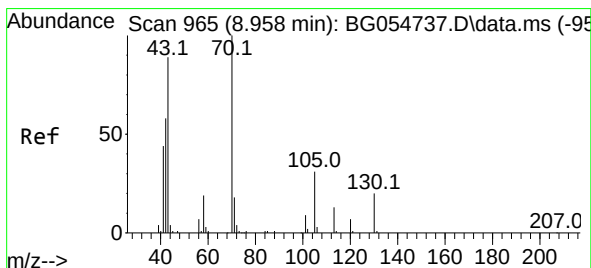
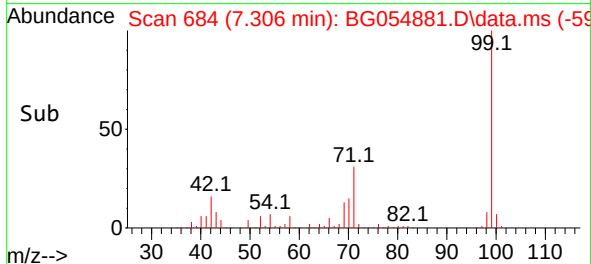
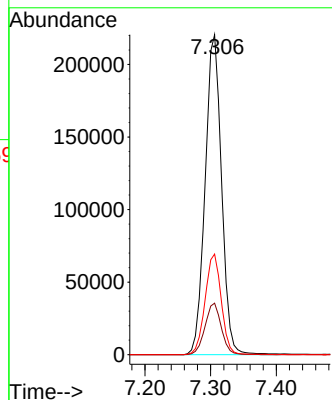
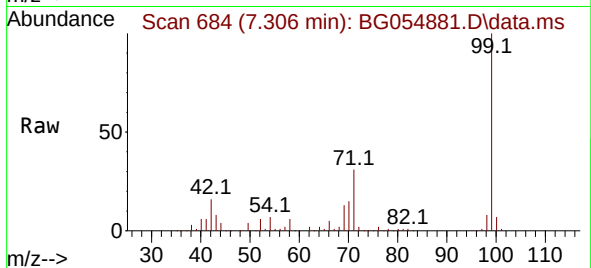




#7
Phenol-d6
Concen: 136.977 ng
RT: 7.306 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

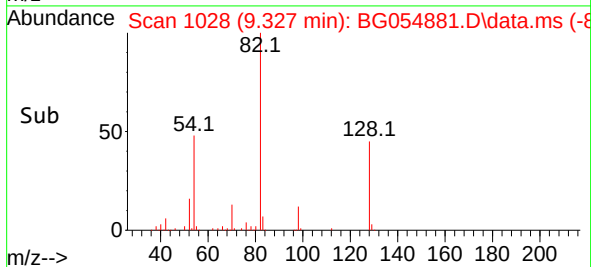
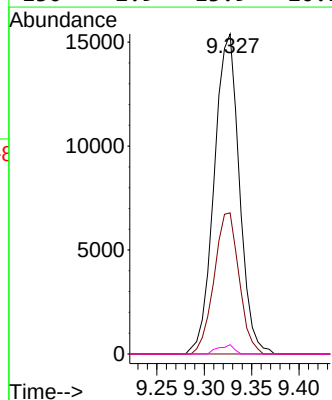
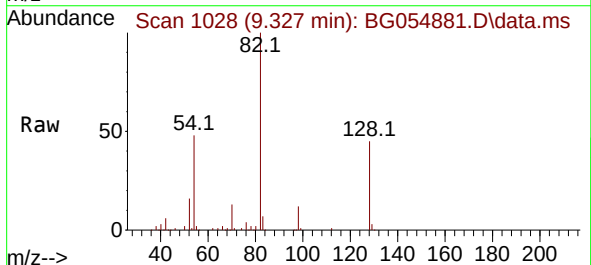
Instrument :
BNA_G
ClientSampleId :
PB147503BL

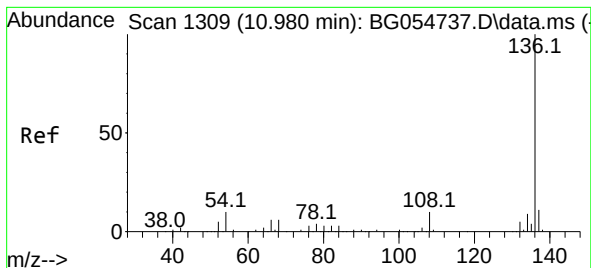
Tgt Ion: 99 Resp: 384238
Ion Ratio Lower Upper
99 100
42 16.1 14.6 22.0
71 31.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.753 ng
RT: 9.327 min Scan# 1028
Delta R.T. 0.370 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

Tgt Ion: 70 Resp: 28458
Ion Ratio Lower Upper
70 100
42 44.1 46.6 69.8#
101 0.0 7.7 11.5#
130 2.9 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.978 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG054881.D

Acq: 8 Sep 2022 10:52

Instrument :

BNA_G

ClientSampleId :

PB147503BL

Tgt Ion:136 Resp: 143086

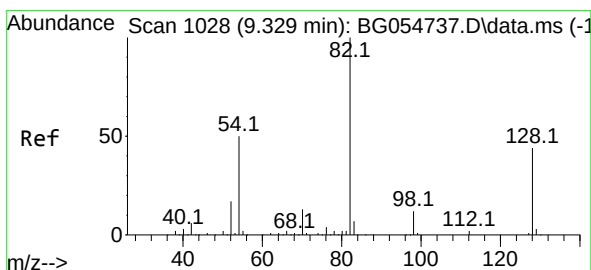
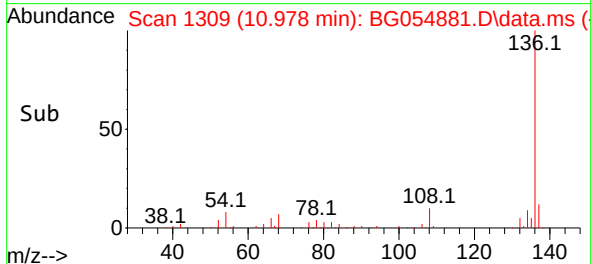
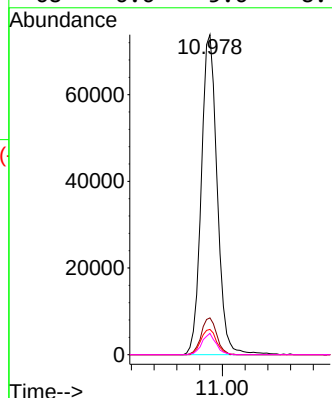
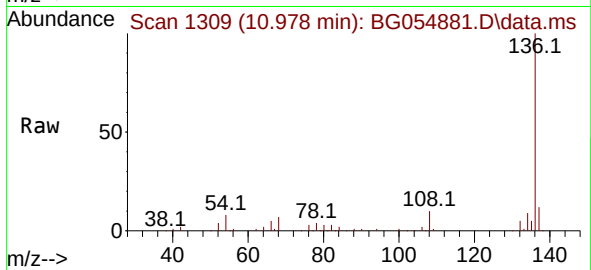
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 7.9 7.7 11.5

68 6.6 5.6 8.4



#23

Nitrobenzene-d5

Concen: 84.079 ng

RT: 9.327 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BG054881.D

Acq: 8 Sep 2022 10:52

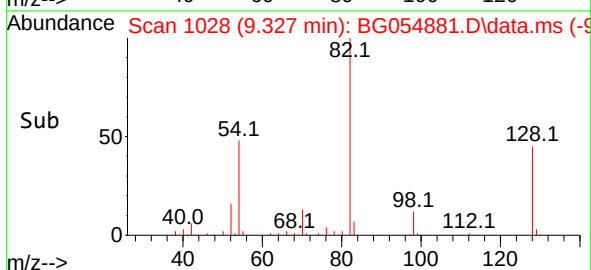
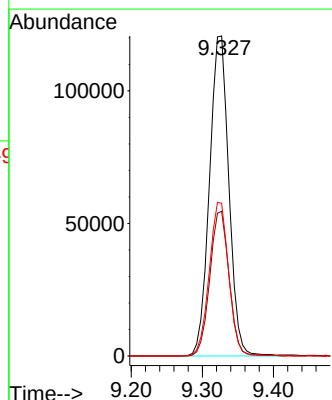
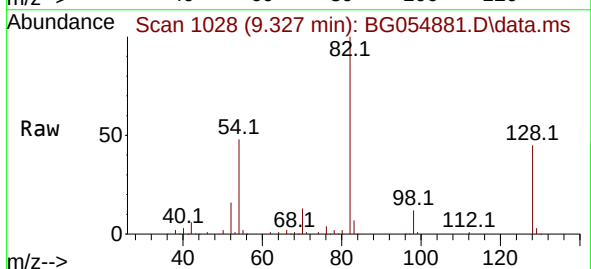
Tgt Ion: 82 Resp: 229168

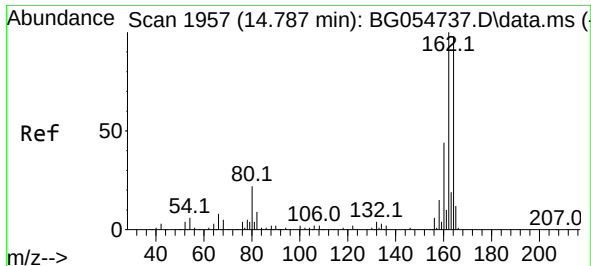
Ion Ratio Lower Upper

82 100

128 45.2 32.2 48.2

54 47.7 41.4 62.0

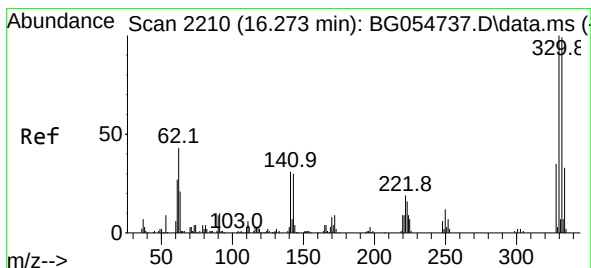
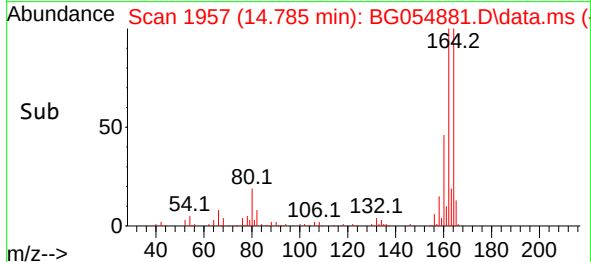
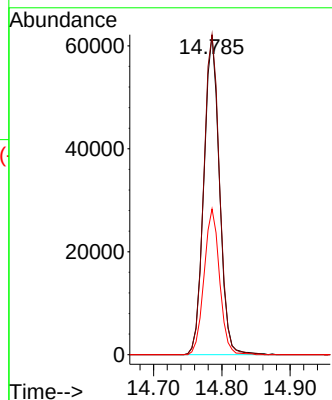
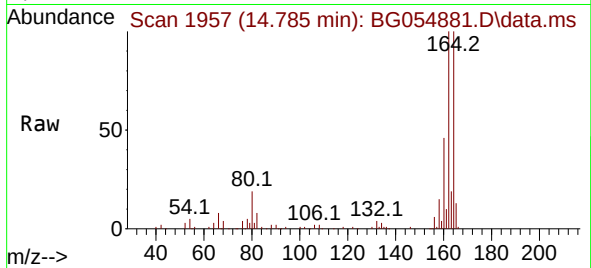




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.785 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

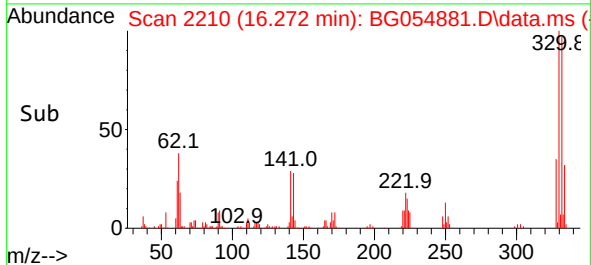
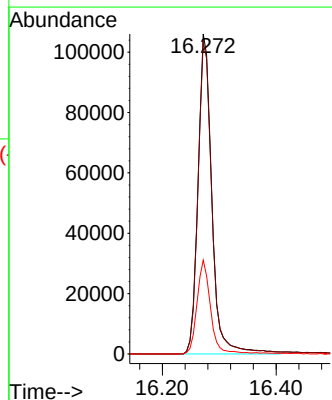
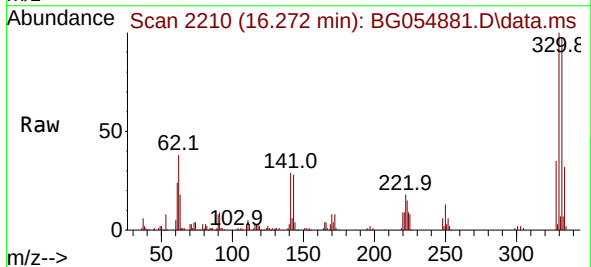
Instrument :
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ClientSampleId :
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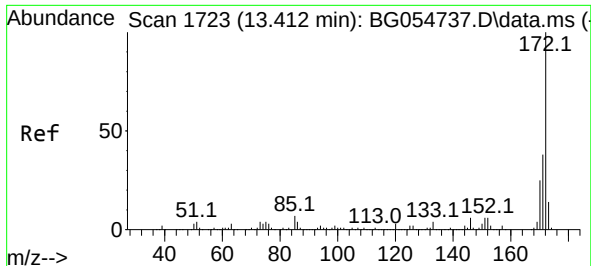
Tgt Ion:164 Resp: 98633
Ion Ratio Lower Upper
164 100
162 100.2 83.0 124.4
160 45.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 146.451 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

Tgt Ion:330 Resp: 180498
Ion Ratio Lower Upper
330 100
332 98.8 79.8 119.6
141 28.8 26.8 40.2

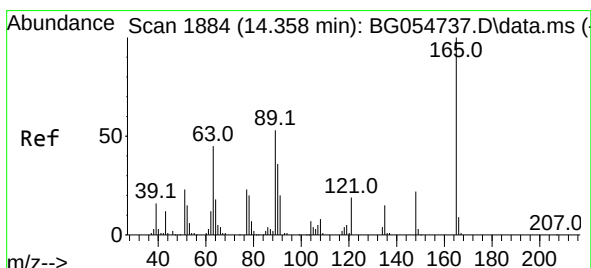
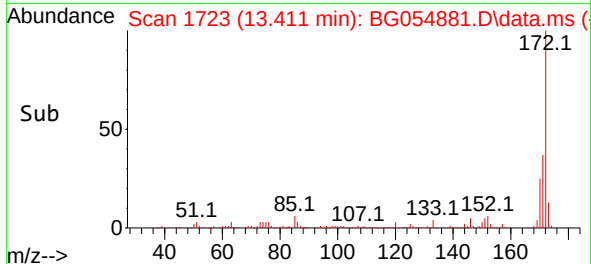
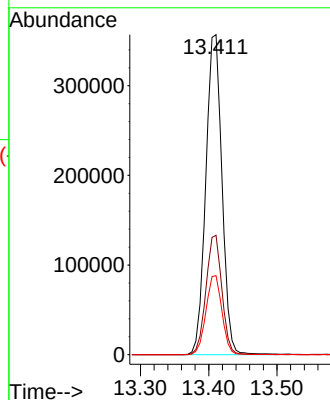
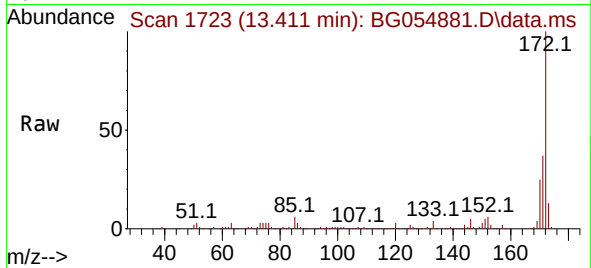




#45
2-Fluorobiphenyl
Concen: 89.715 ng
RT: 13.411 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

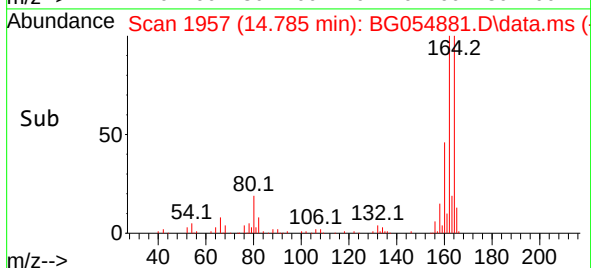
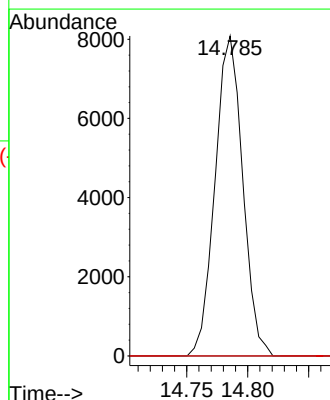
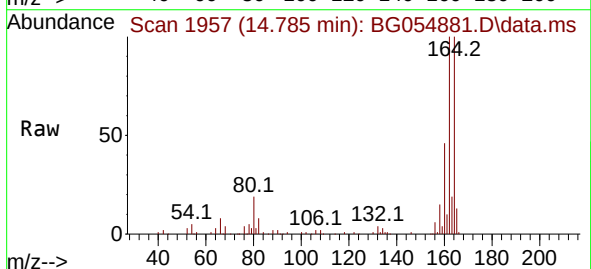
Instrument :
BNA_G
ClientSampleId :
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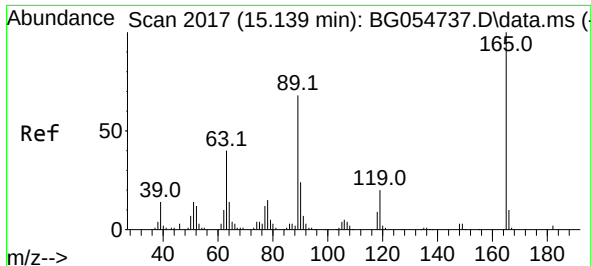
Tgt Ion:172 Resp: 588739
Ion Ratio Lower Upper
172 100
171 37.3 31.2 46.8
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.198 ng
RT: 14.785 min Scan# 1957
Delta R.T. 0.423 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

Tgt Ion:165 Resp: 12742
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

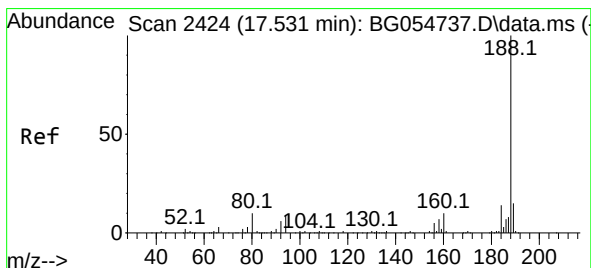
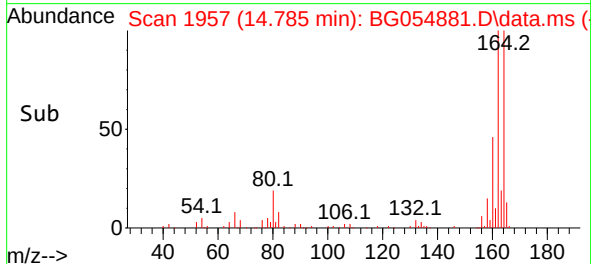
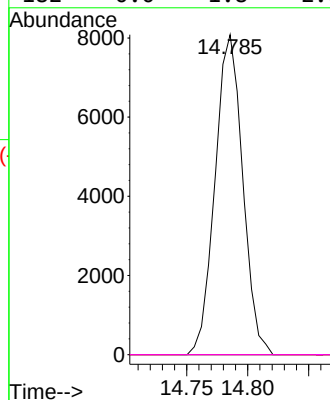
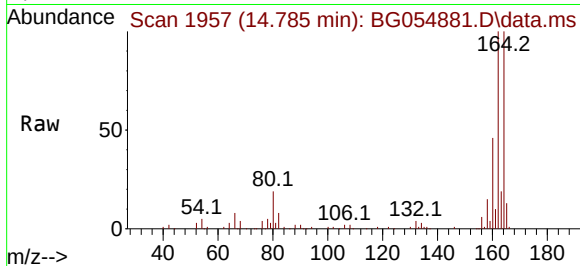




#57
2,4-Dinitrotoluene
Concen: 5.927 ng
RT: 14.785 min Scan# 1957
Delta R.T. -0.365 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

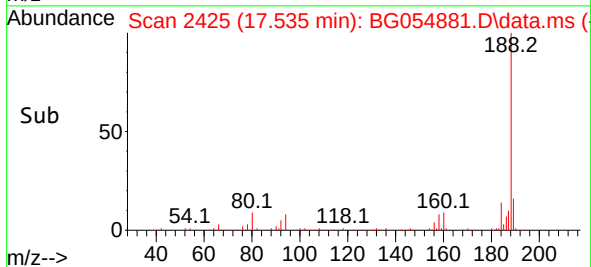
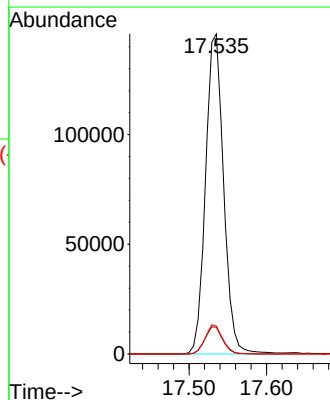
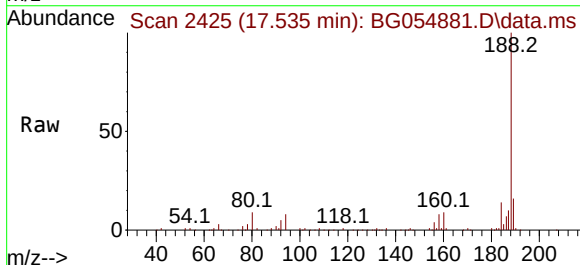
Instrument :
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ClientSampleId :
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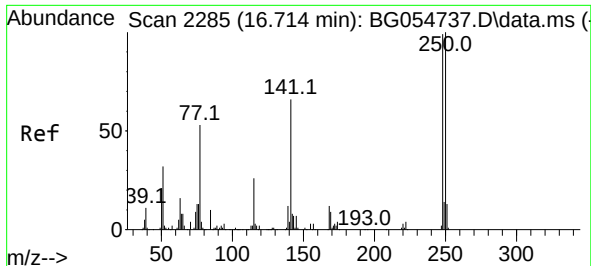
Tgt Ion:165 Resp: 12742
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.535 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

Tgt Ion:188 Resp: 235765
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 8.7 7.9 11.9

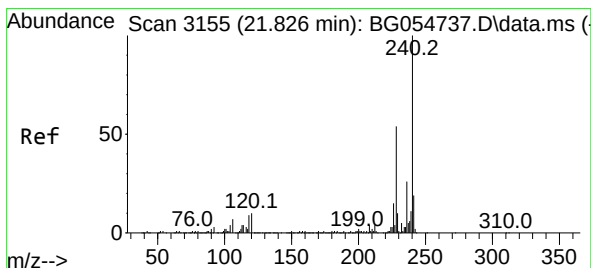
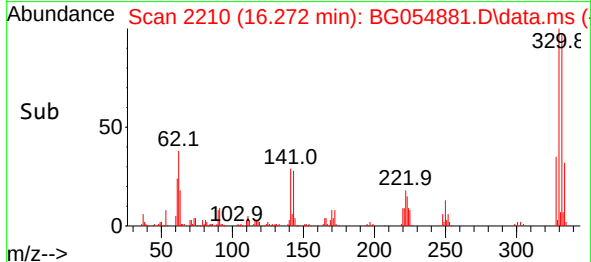
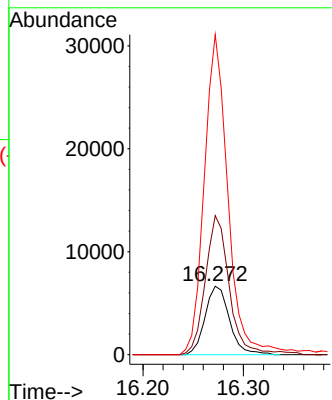
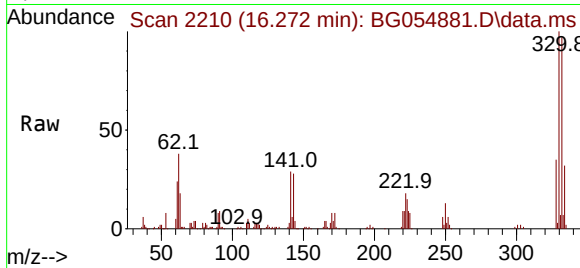




#67
4-Bromophenyl-phenylether
Concen: 4.352 ng
RT: 16.272 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

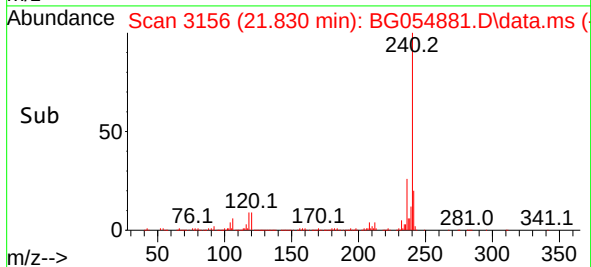
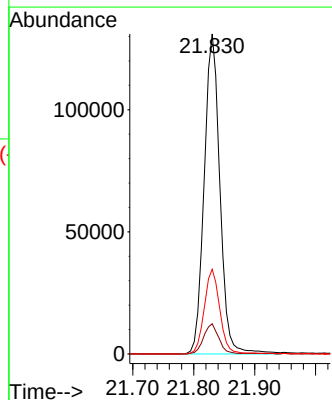
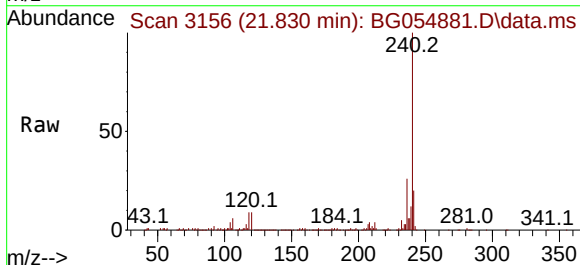
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BNA_G
ClientSampleId :
PB147503BL

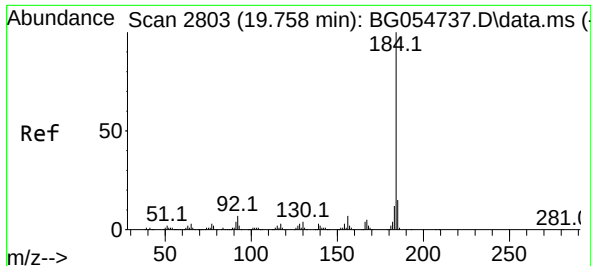
Tgt Ion:248 Resp: 11264
Ion Ratio Lower Upper
248 100
250 203.0 78.8 118.2#
141 467.3 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.830 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

Tgt Ion:240 Resp: 235187
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.4
236 26.4 21.2 31.8

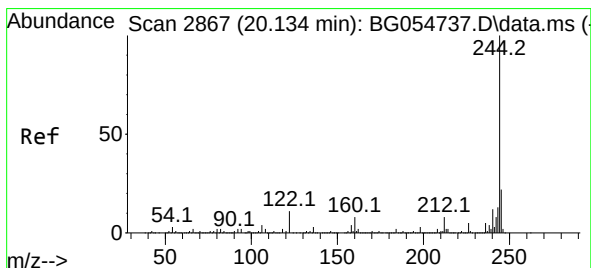
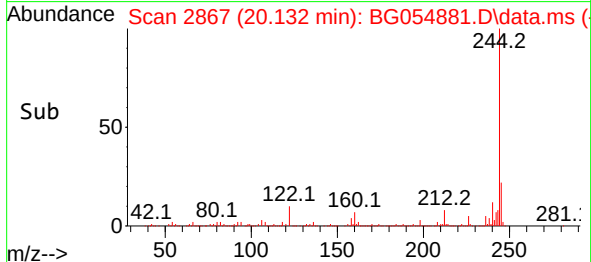
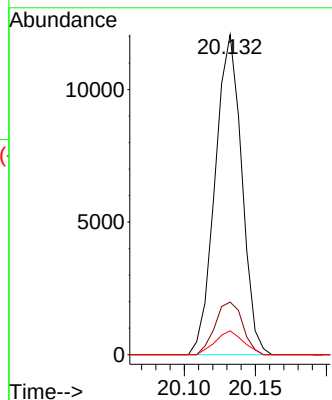
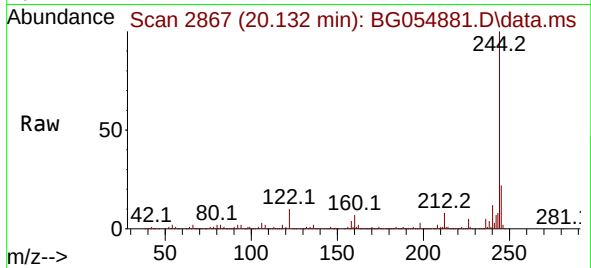




#77
Benzidine
Concen: 2.699 ng
RT: 20.132 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

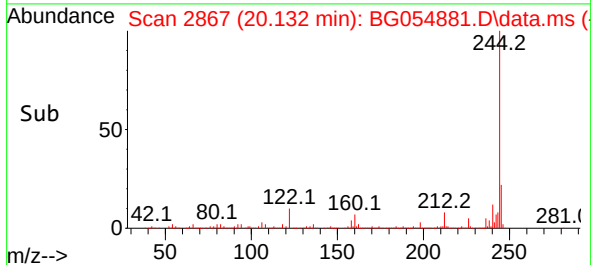
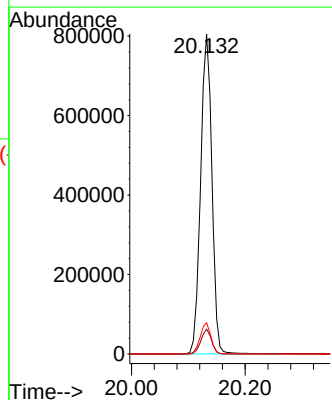
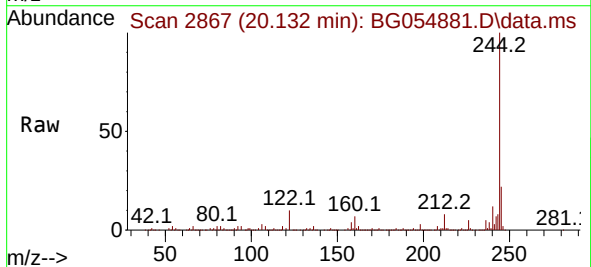
Instrument :
BNA_G
ClientSampleId :
PB147503BL

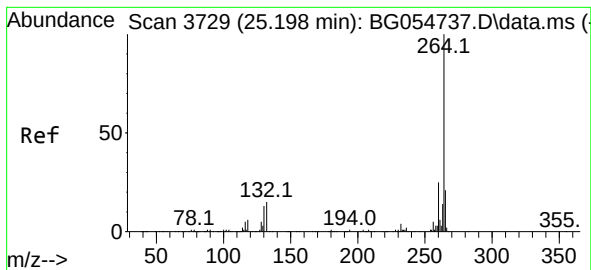
Tgt Ion:184 Resp: 15720
Ion Ratio Lower Upper
184 100
185 16.5 11.4 17.0
183 7.4 9.8 14.8#



#79
Terphenyl-d14
Concen: 93.629 ng
RT: 20.132 min Scan# 2867
Delta R.T. -0.000 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

Tgt Ion:244 Resp: 1111363
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 9.8 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.214 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054881.D
Acq: 8 Sep 2022 10:52

Instrument :
BNA_G
ClientSampleId :
PB147503BL

Tgt Ion:264 Resp: 247088

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.9	29.9
265	22.4	16.9	25.3

