

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
 Data File : BG054747.D
 Acq On : 25 Aug 2022 22:38
 Operator : CG/JU
 Sample : PB147215TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147215TB

Quant Time: Aug 26 05:21:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

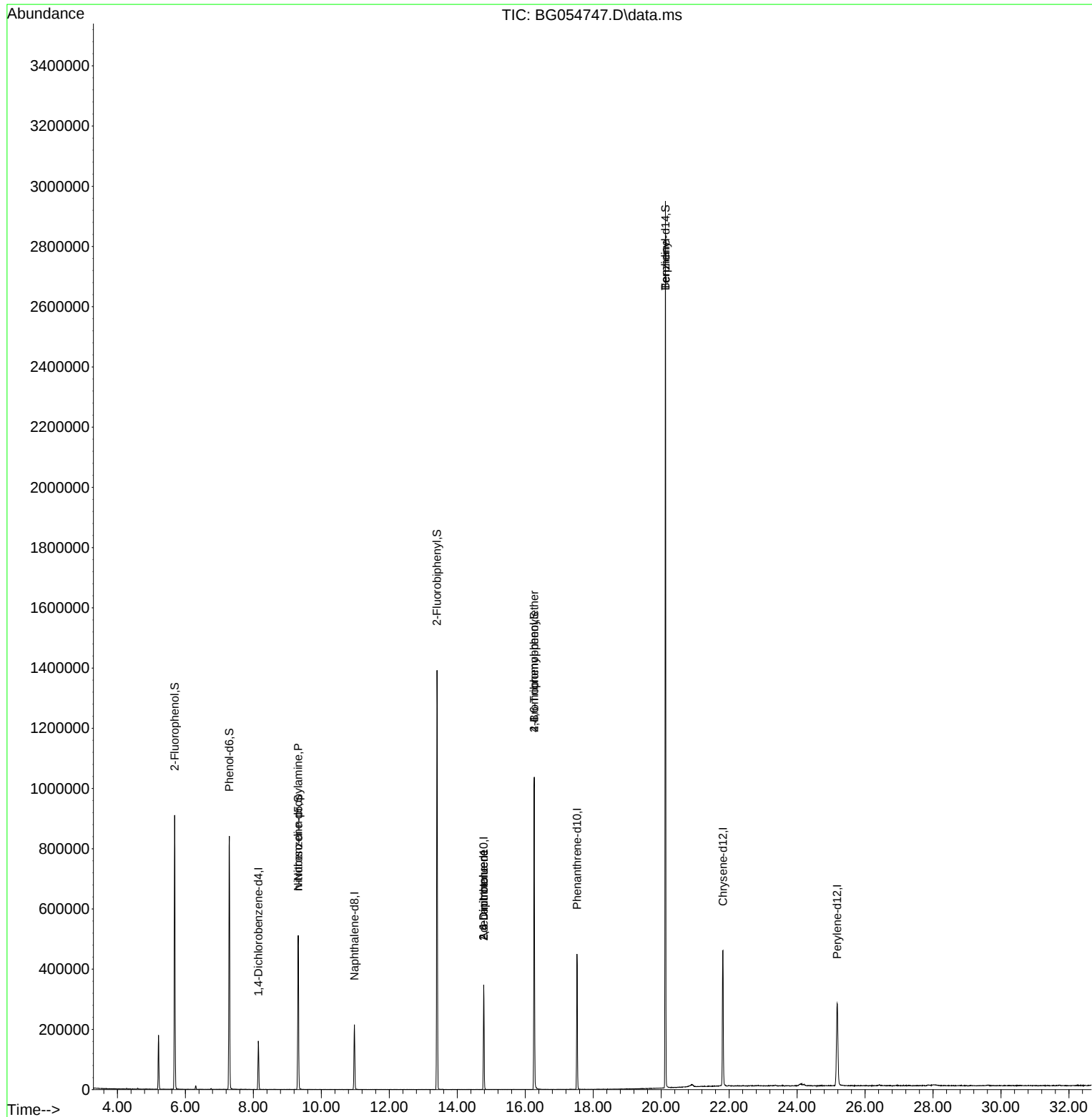
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	48786	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	194173	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	124449	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	295749	20.000	ng	0.00
76) Chrysene-d12	21.819	240	309770	20.000	ng	0.00
86) Perylene-d12	25.180	264	317844	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	410809	146.634	ng	0.00
7) Phenol-d6	7.295	99	530971	138.583	ng	0.00
23) Nitrobenzene-d5	9.322	82	324359	87.693	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	215093	138.317	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	744759	89.947	ng	0.00
79) Terphenyl-d14	20.127	244	1416619	90.612	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.322	70	41061	15.584	ng	# 79
51) 2,6-Dinitrotoluene	14.780	165	16390	8.358	ng	# 22
57) 2,4-Dinitrotoluene	14.780	165	16390	6.042	ng	# 19
67) 4-Bromophenyl-phenylether	16.267	248	13788	4.246	ng	# 1
77) Benzidine	20.127	184	22127	2.884	ng	# 91

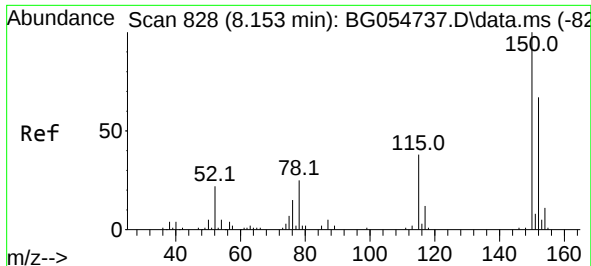
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
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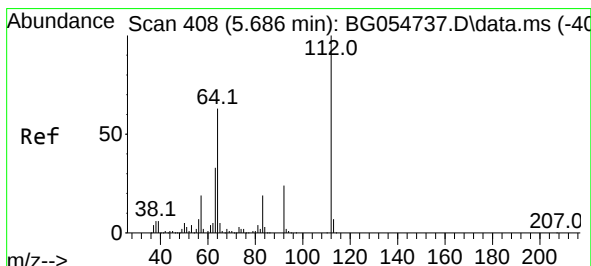
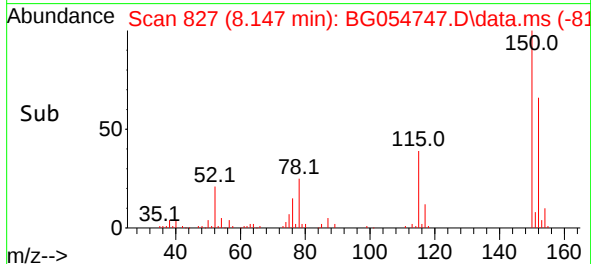
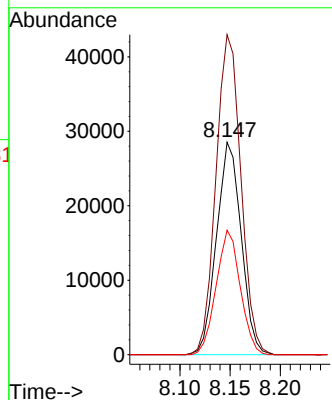
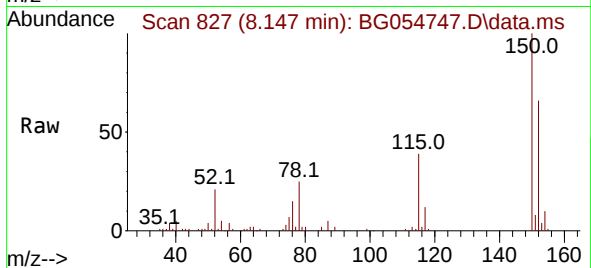




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.147 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054747.D
 Acq: 25 Aug 2022 22:38

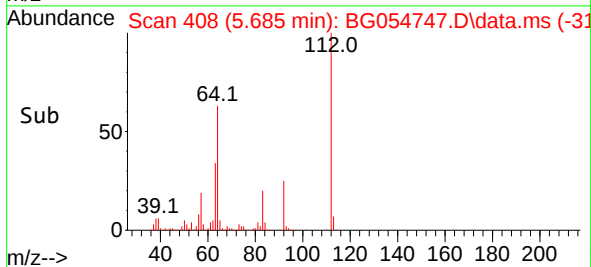
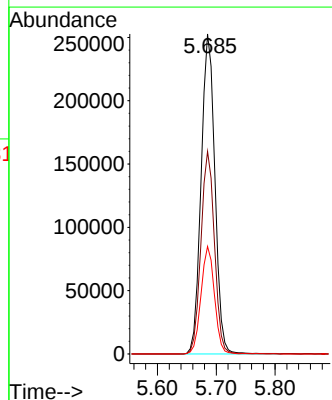
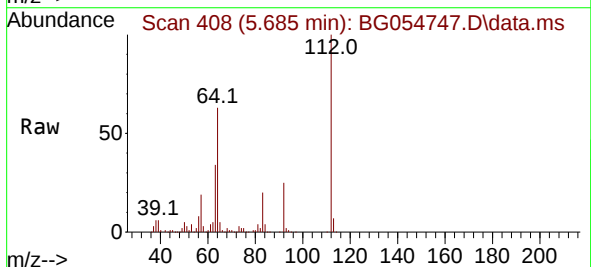
Instrument :
 BNA_G
 ClientSampleId :
 PB147215TB

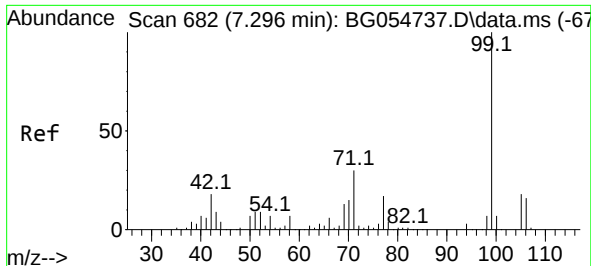
Tgt Ion:152 Resp: 48786
 Ion Ratio Lower Upper
 152 100
 150 150.6 125.2 187.8
 115 58.6 47.9 71.9



#5
 2-Fluorophenol
 Concen: 146.634 ng
 RT: 5.685 min Scan# 408
 Delta R.T. -0.001 min
 Lab File: BG054747.D
 Acq: 25 Aug 2022 22:38

Tgt Ion:112 Resp: 410809
 Ion Ratio Lower Upper
 112 100
 64 63.3 49.3 73.9
 63 33.6 26.3 39.5

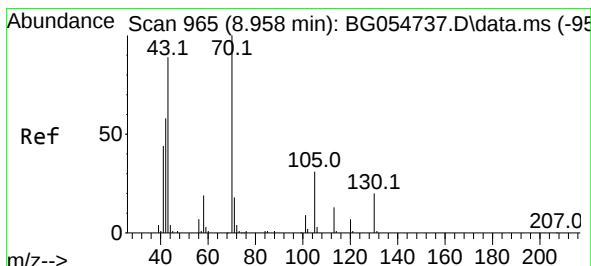
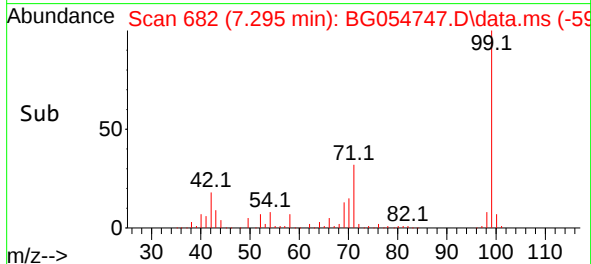
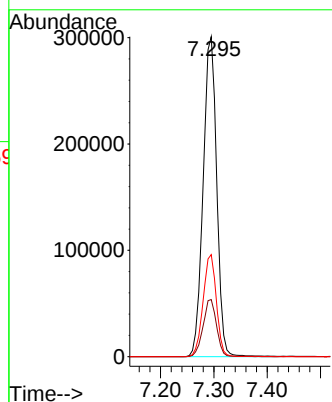
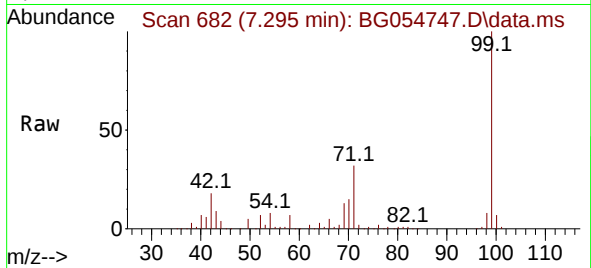




#7
Phenol-d6
Concen: 138.583 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

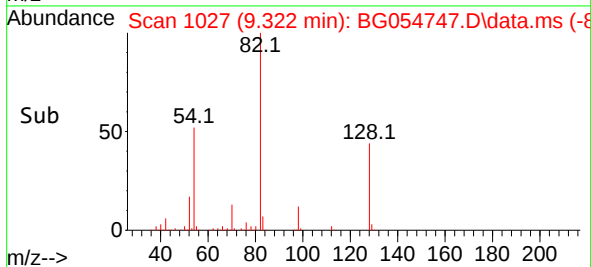
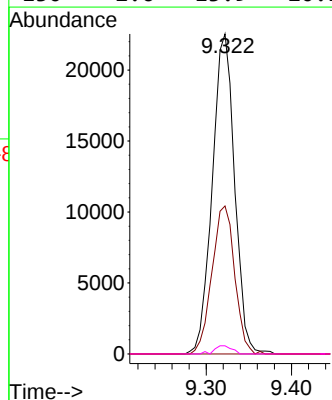
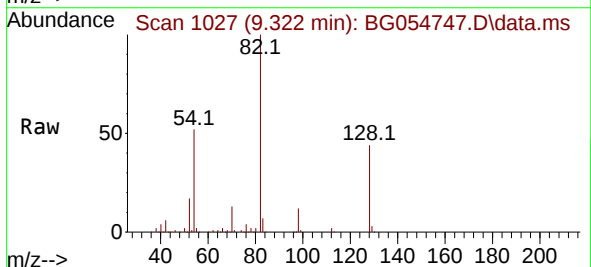
Instrument :
BNA_G
ClientSampleId :
PB147215TB

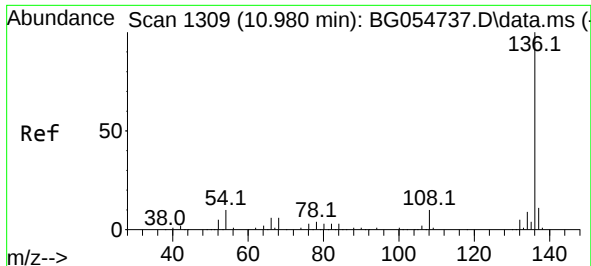
Tgt Ion: 99 Resp: 530971
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 31.9 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.584 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

Tgt Ion: 70 Resp: 41061
Ion Ratio Lower Upper
70 100
42 46.3 46.6 69.8#
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#

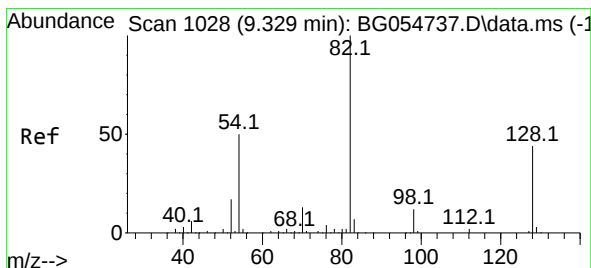
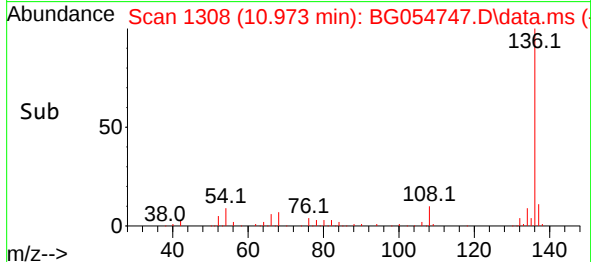
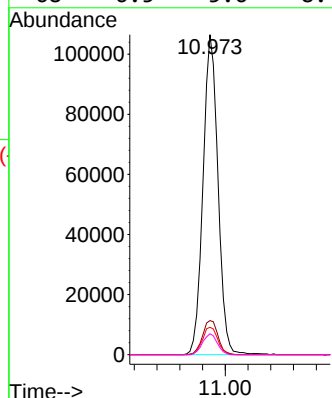
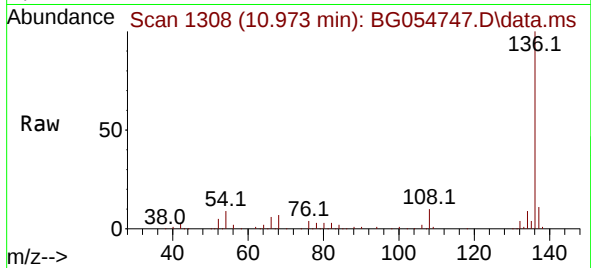




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

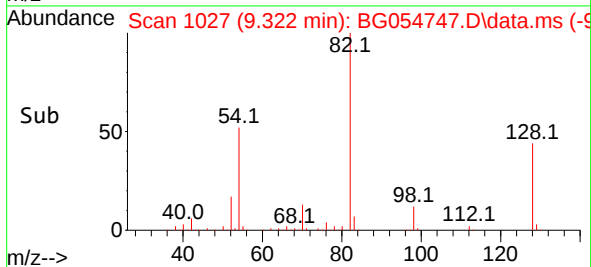
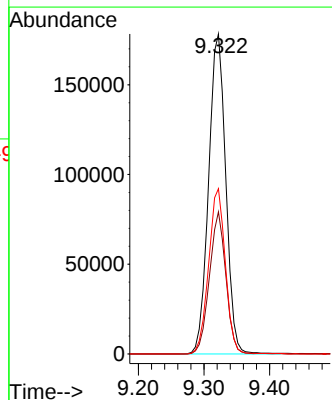
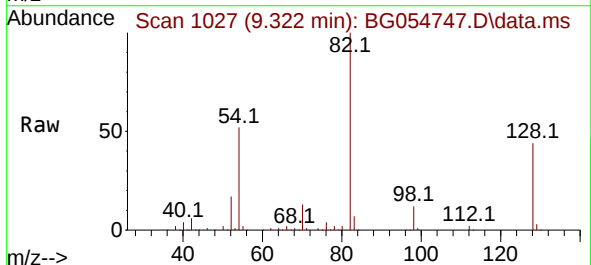
Instrument :
BNA_G
ClientSampleId :
PB147215TB

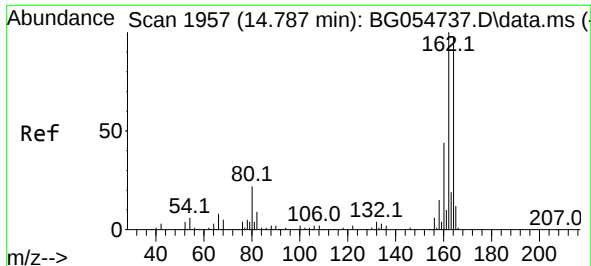
Tgt Ion:	136	Resp:	194173
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.5	7.7	11.5
68	6.5	5.6	8.4



#23
Nitrobenzene-d5
Concen: 87.693 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

Tgt Ion:	82	Resp:	324359
Ion	Ratio	Lower	Upper
82	100		
128	44.4	32.2	48.2
54	51.7	41.4	62.0

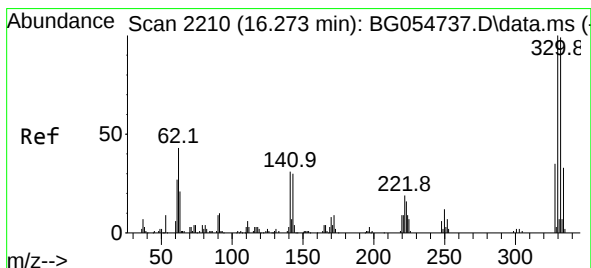
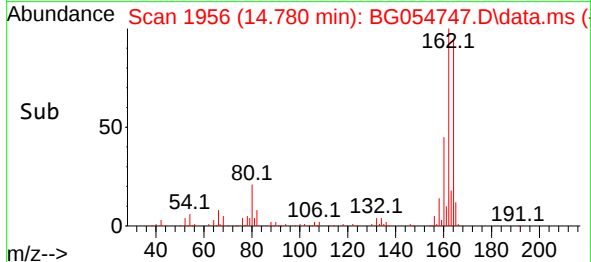
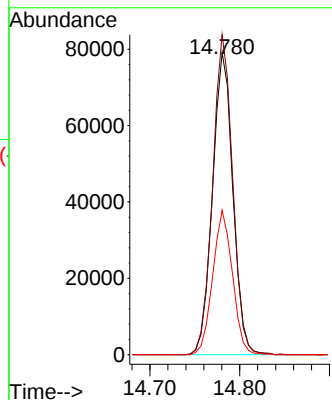
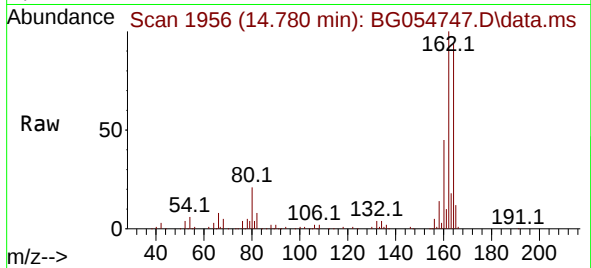




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

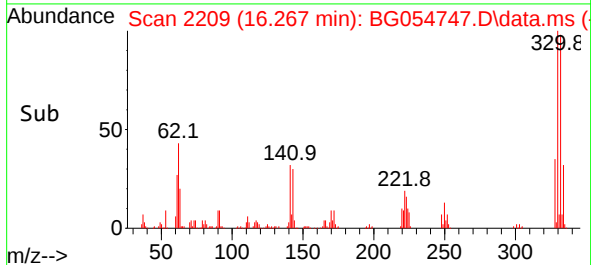
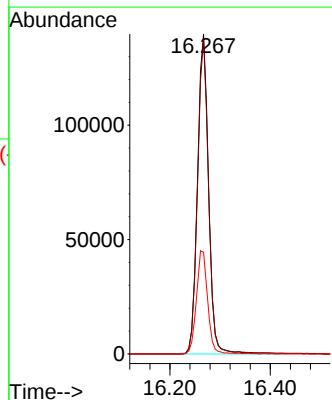
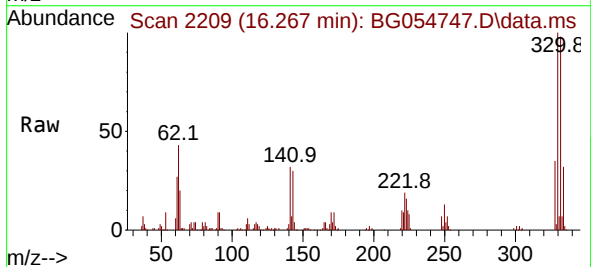
Instrument :
BNA_G
ClientSampleId :
PB147215TB

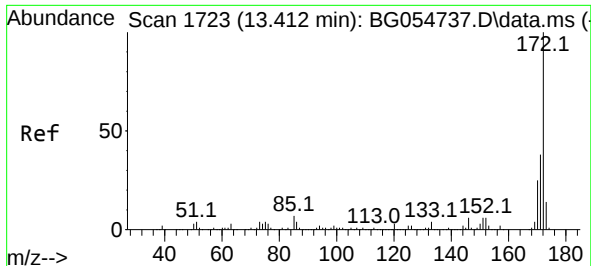
Tgt Ion:164 Resp: 124449
Ion Ratio Lower Upper
164 100
162 105.9 83.0 124.4
160 47.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 138.317 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.007 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

Tgt Ion:330 Resp: 215093
Ion Ratio Lower Upper
330 100
332 96.9 79.8 119.6
141 32.7 26.8 40.2

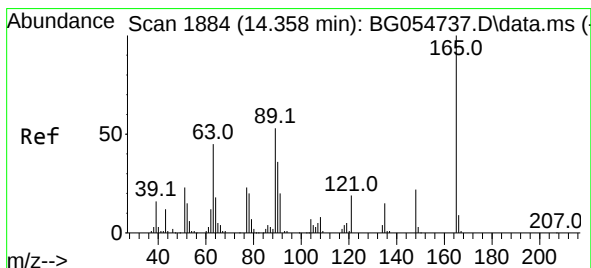
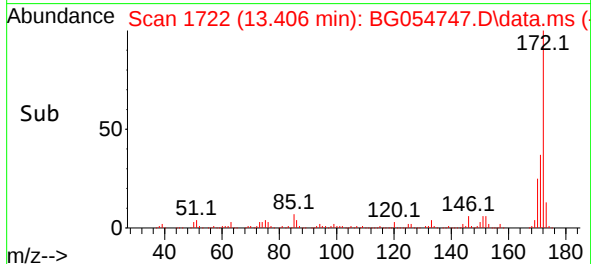
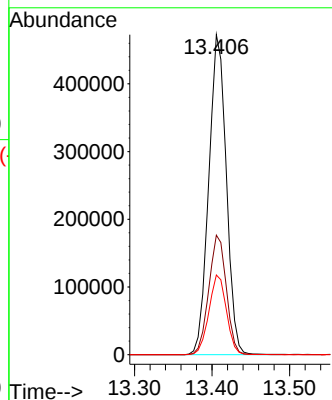
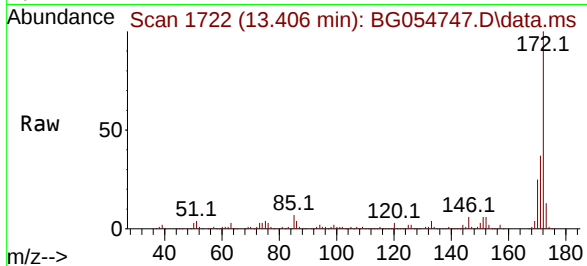




#45
2-Fluorobiphenyl
Concen: 89.947 ng
RT: 13.406 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

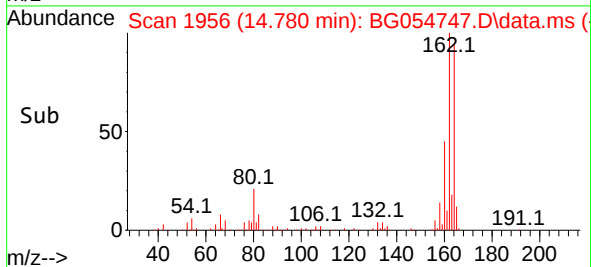
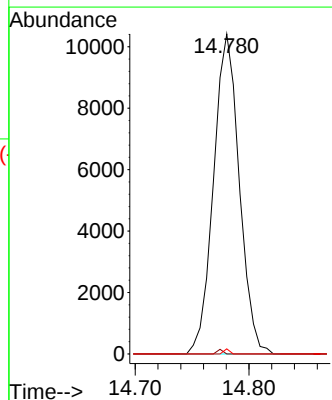
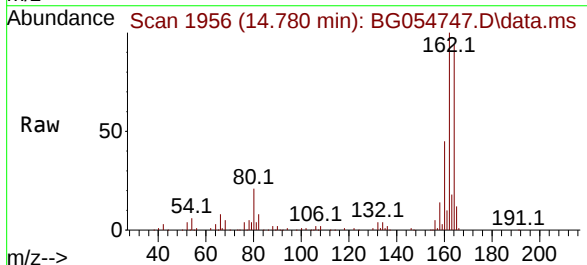
Instrument :
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ClientSampleId :
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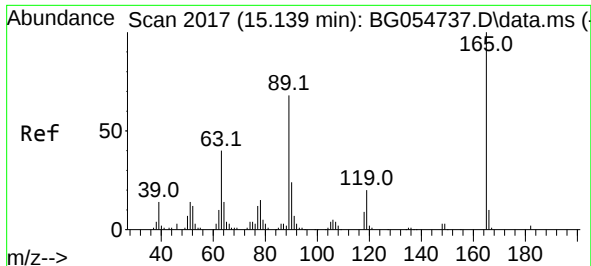
Tgt Ion:172 Resp: 744759
Ion Ratio Lower Upper
172 100
171 37.3 31.2 46.8
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.358 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.422 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

Tgt Ion:165 Resp: 16390
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: 6.042 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.359 min

Lab File: BG054747.D

Acq: 25 Aug 2022 22:38

Instrument :

BNA_G

ClientSampleId :

PB147215TB

Tgt Ion:165 Resp: 16390

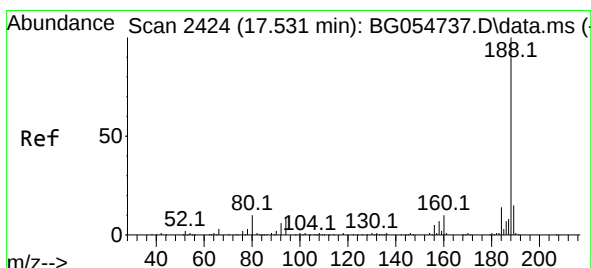
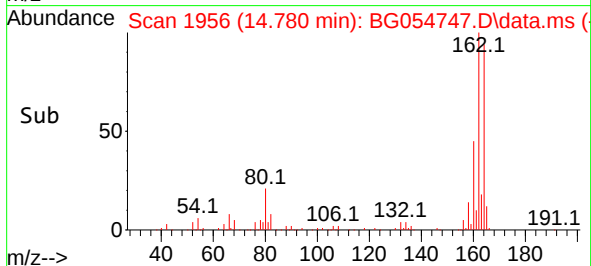
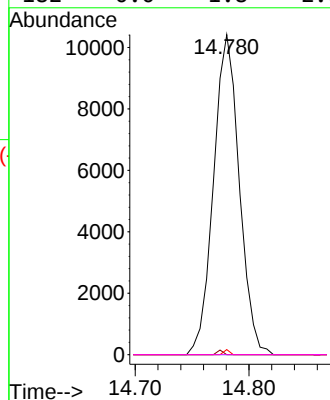
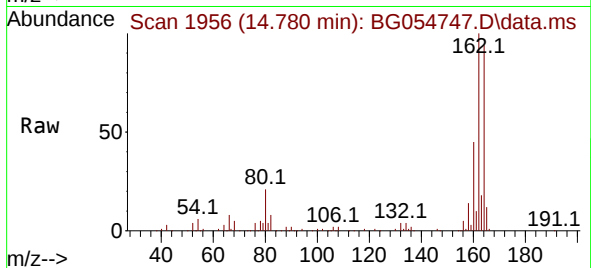
Ion Ratio Lower Upper

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: 17.524 min Scan# 2423

Delta R.T. -0.007 min

Lab File: BG054747.D

Acq: 25 Aug 2022 22:38

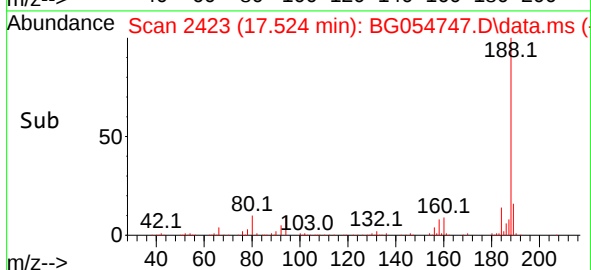
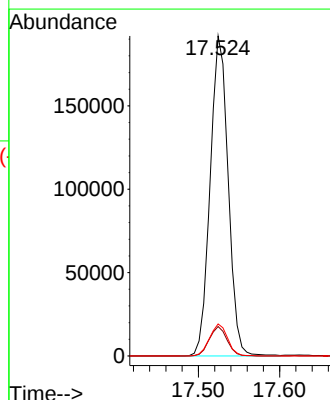
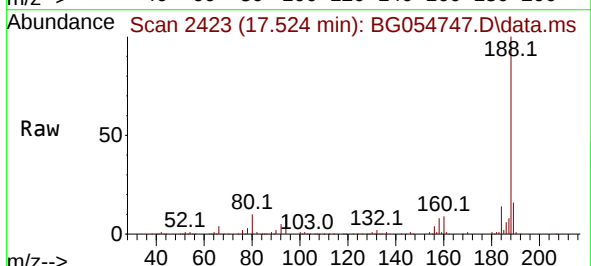
Tgt Ion:188 Resp: 295749

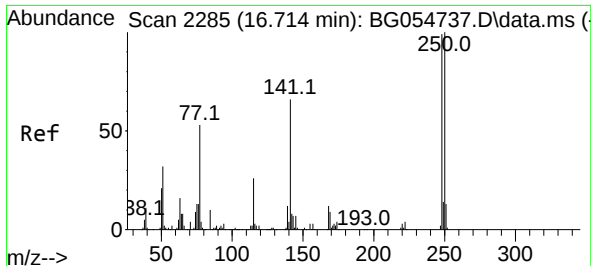
Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 10.0 7.9 11.9

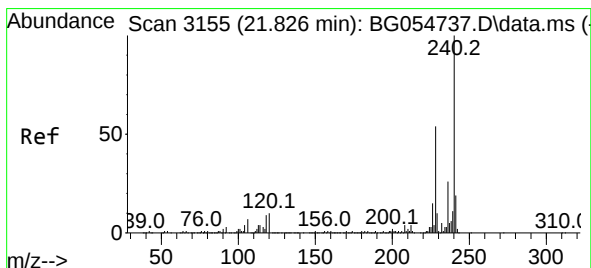
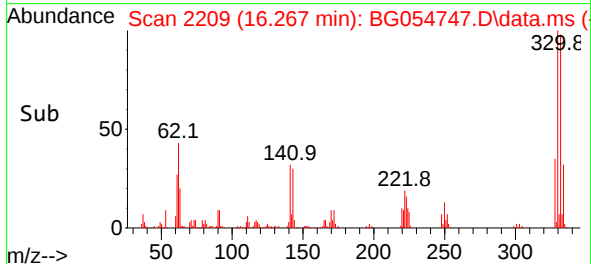
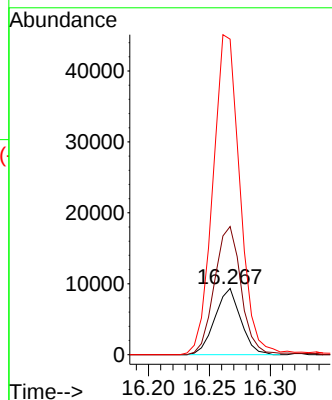
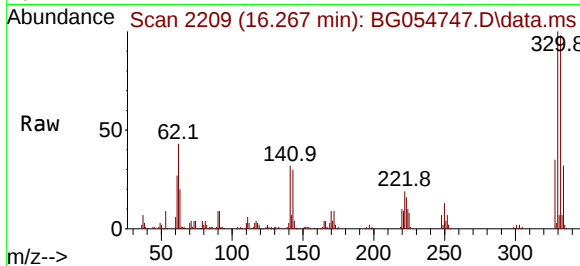




#67
4-Bromophenyl-phenylether
Concen: 4.246 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

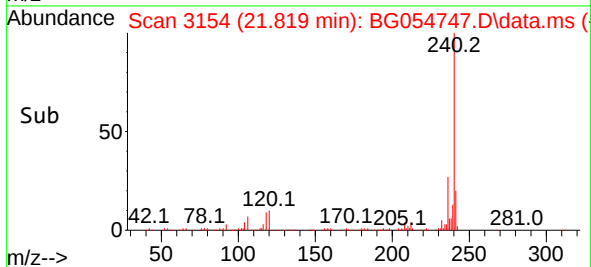
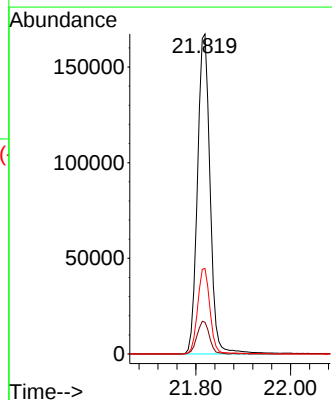
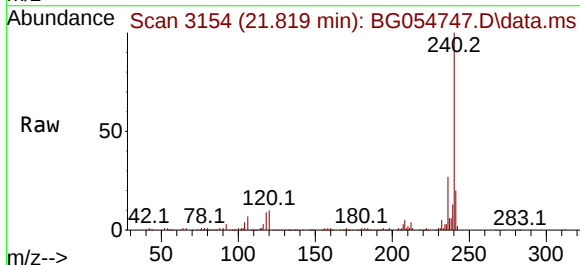
Instrument :
BNA_G
ClientSampleId :
PB147215TB

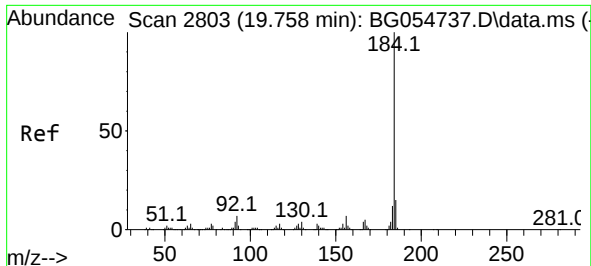
Tgt Ion:248 Resp: 13788
Ion Ratio Lower Upper
248 100
250 193.7 78.8 118.2#
141 476.7 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

Tgt Ion:240 Resp: 309770
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.4
236 26.7 21.2 31.8

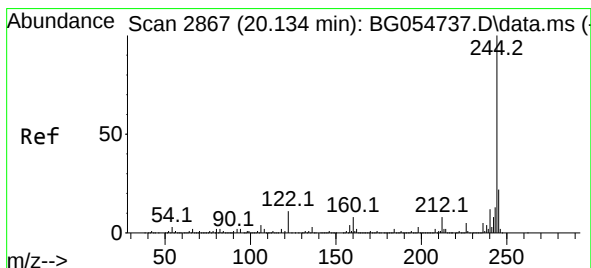
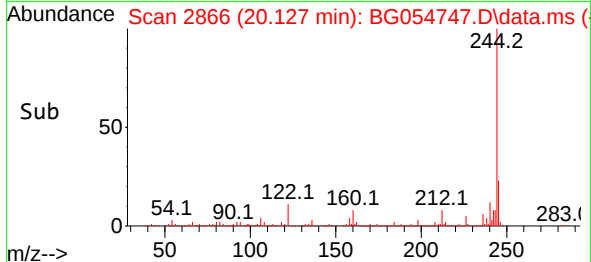
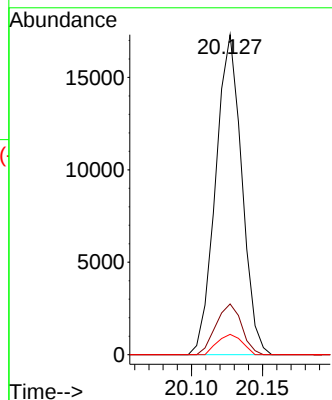
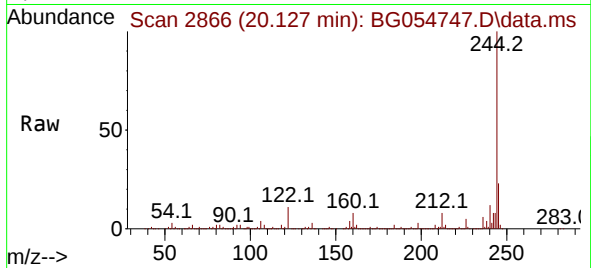




#77
Benzidine
Concen: 2.884 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.370 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

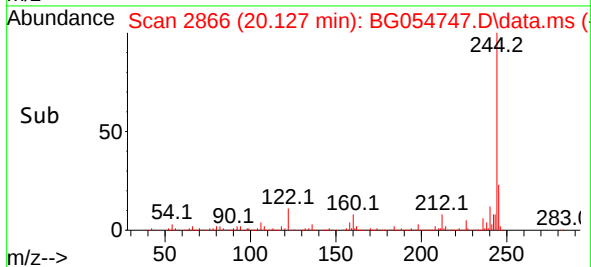
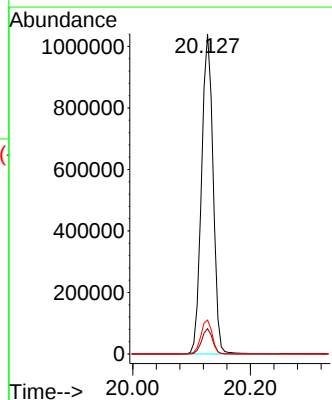
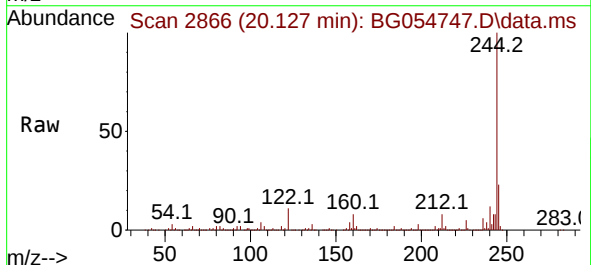
Instrument :
BNA_G
ClientSampleId :
PB147215TB

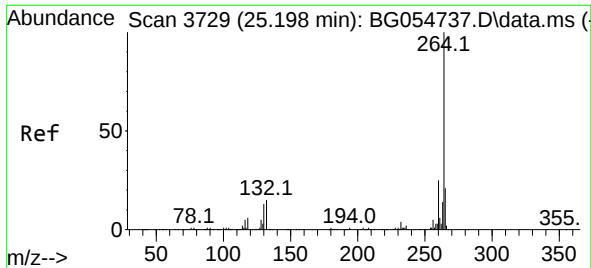
Tgt Ion:184 Resp: 22127
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.0
183 6.3 9.8 14.8#



#79
Terphenyl-d14
Concen: 90.612 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG054747.D
Acq: 25 Aug 2022 22:38

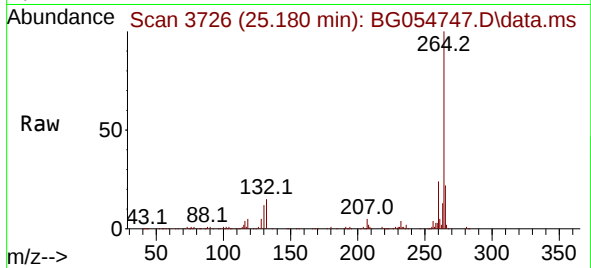
Tgt Ion:244 Resp: 1416619
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 10.6 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.180 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG054747.D
 Acq: 25 Aug 2022 22:38

Instrument :
 BNA_G
 ClientSampleId :
 PB147215TB



Tgt Ion:264 Resp: 317844
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.9 29.9
 265 21.5 16.9 25.3

