

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054801.D
 Acq On : 31 Aug 2022 10:57
 Operator : CG/JU
 Sample : PB147287BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147287BL

Quant Time: Sep 01 04:58:17 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)

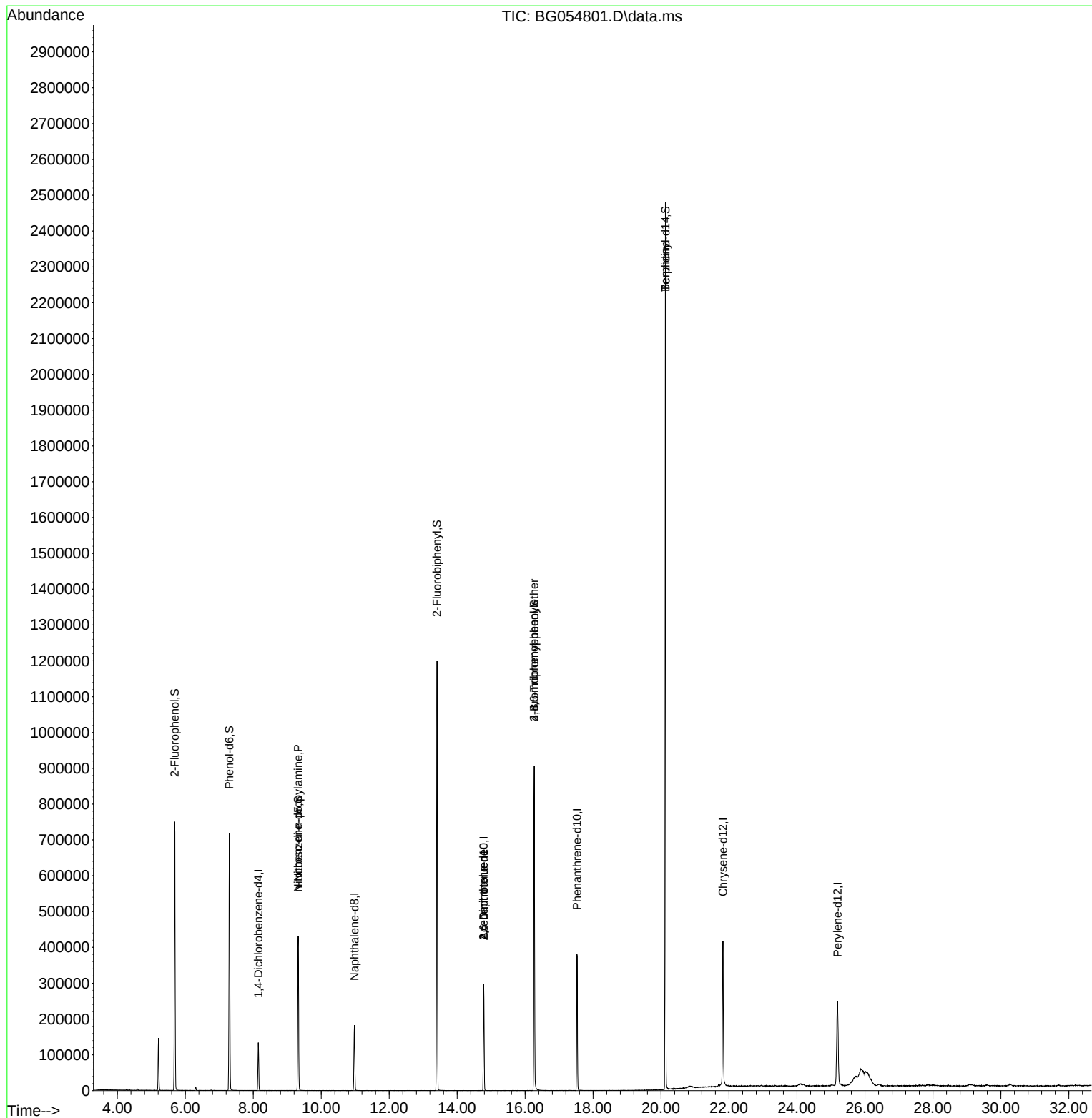
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	40702	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	164044	20.000	ng	0.00
39) Acenaphthene-d10	14.782	164	110180	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	258227	20.000	ng	0.00
76) Chrysene-d12	21.821	240	270318	20.000	ng	0.00
86) Perylene-d12	25.193	264	277150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	346397	148.200	ng	0.00
7) Phenol-d6	7.297	99	450553	140.950	ng	0.00
23) Nitrobenzene-d5	9.324	82	272105	87.078	ng	0.00
42) 2,4,6-Tribromophenol	16.268	330	200233	145.437	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	664181	90.604	ng	0.00
79) Terphenyl-d14	20.129	244	1243957	91.180	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.324	70	34845	15.852	ng	# 77
51) 2,6-Dinitrotoluene	14.782	165	14544	8.377	ng	# 20
57) 2,4-Dinitrotoluene	14.782	165	14544	6.056	ng	# 18
67) 4-Bromophenyl-phenylether	16.268	248	12879	4.543	ng	# 1
77) Benzidine	20.129	184	18737	2.798	ng	# 91

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

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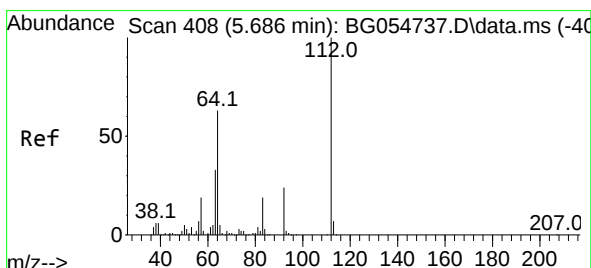
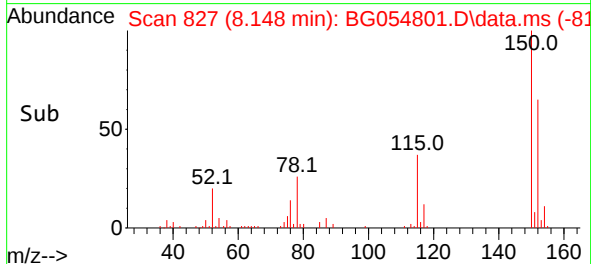
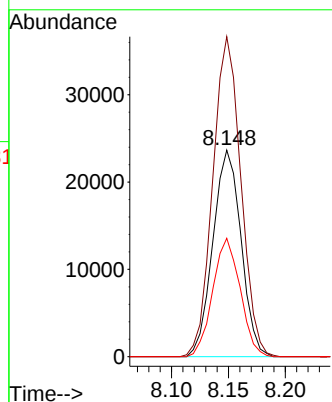
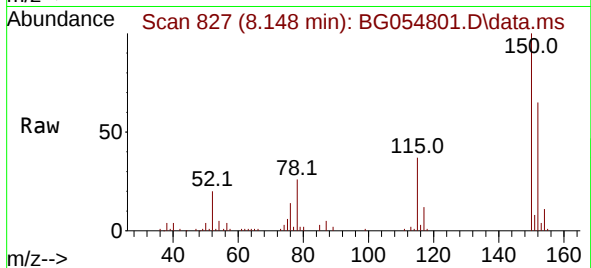




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

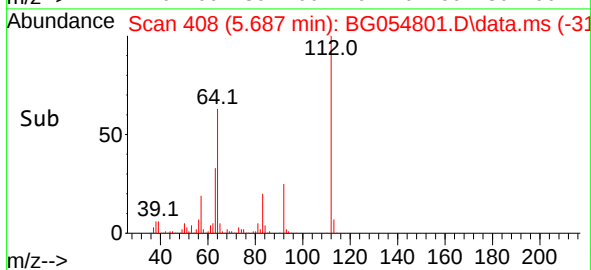
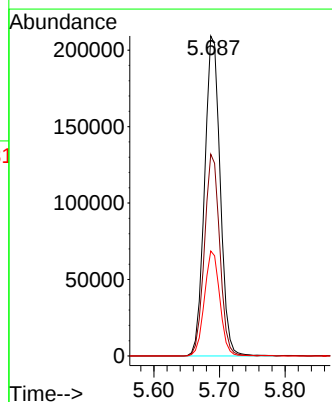
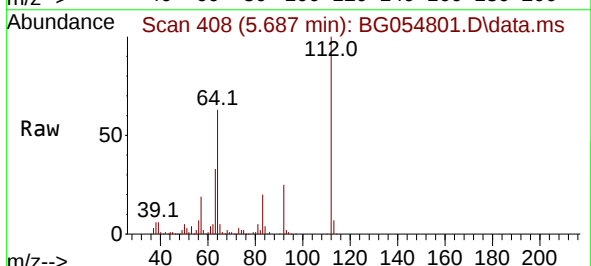
Instrument :
BNA_G
ClientSampleId :
PB147287BL

Tgt Ion:152 Resp: 40702
Ion Ratio Lower Upper
152 100
150 155.0 125.2 187.8
115 57.3 47.9 71.9



#5
2-Fluorophenol
Concen: 148.200 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.001 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

Tgt Ion:112 Resp: 346397
Ion Ratio Lower Upper
112 100
64 63.1 49.3 73.9
63 32.8 26.3 39.5

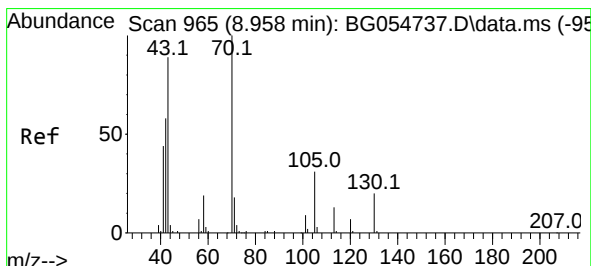
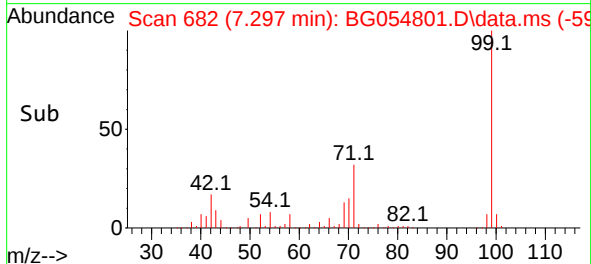
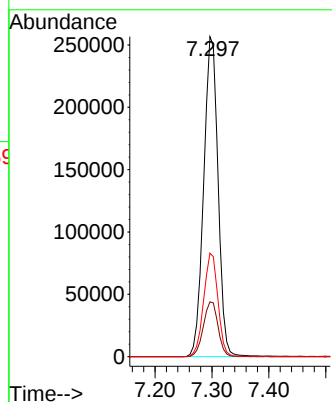
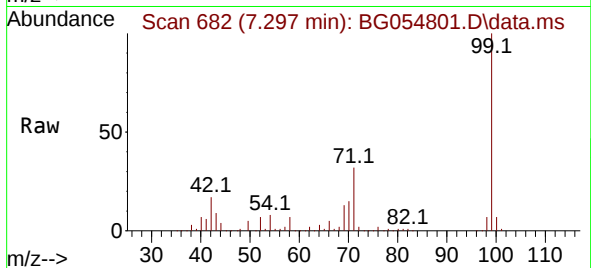




#7
Phenol-d6
Concen: 140.950 ng
RT: 7.297 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

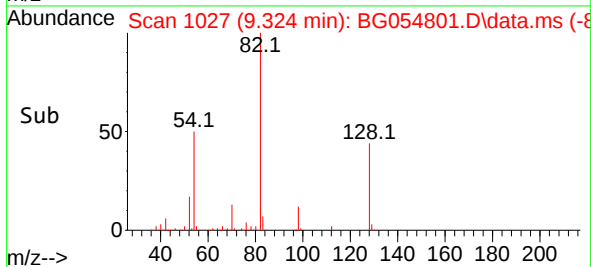
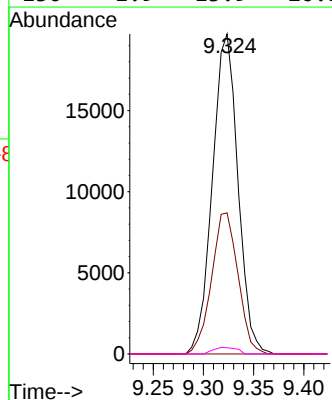
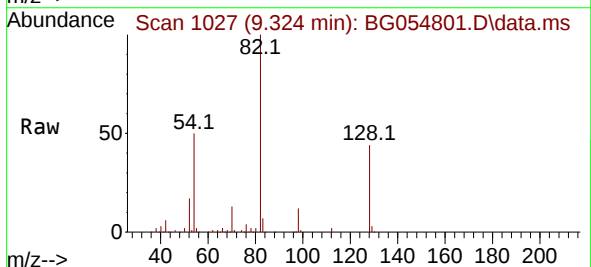
Instrument :
BNA_G
ClientSampleId :
PB147287BL

Tgt Ion: 99 Resp: 450553
Ion Ratio Lower Upper
99 100
42 17.2 14.6 22.0
71 32.3 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.852 ng
RT: 9.324 min Scan# 1027
Delta R.T. 0.365 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

Tgt Ion: 70 Resp: 34845
Ion Ratio Lower Upper
70 100
42 44.1 46.6 69.8#
101 0.0 7.7 11.5#
130 1.9 13.9 20.9#

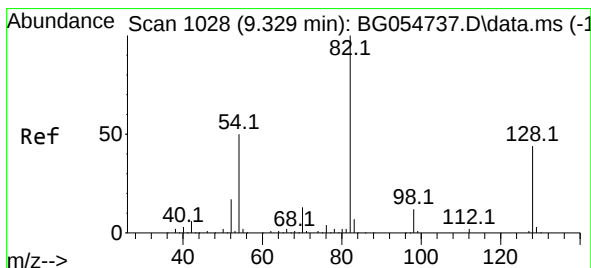
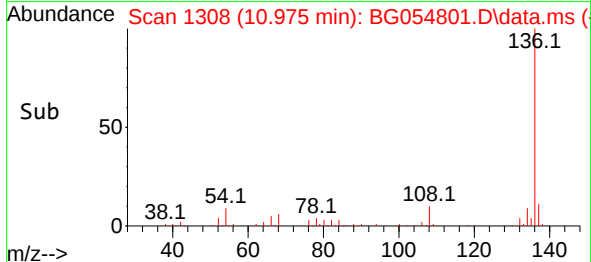
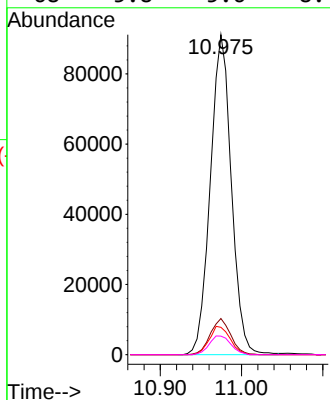
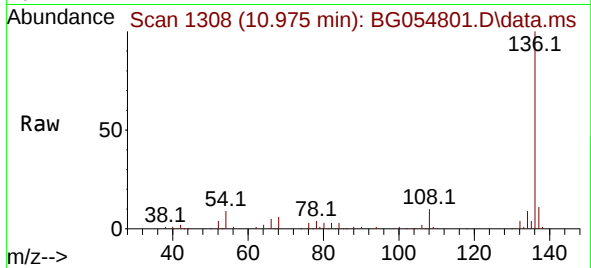




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

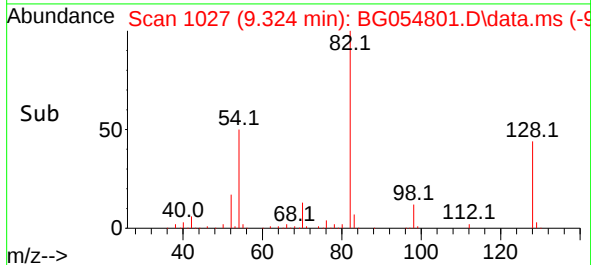
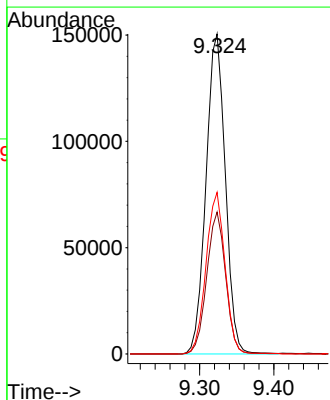
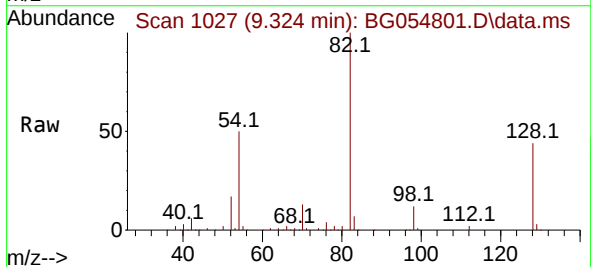
Instrument :
BNA_G
ClientSampleId :
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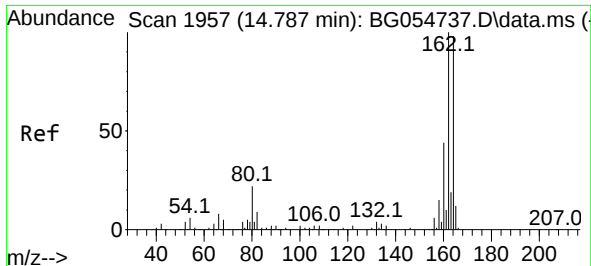
Tgt Ion:	136	Resp:	164044
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	8.5	7.7	11.5
68	5.8	5.6	8.4



#23
Nitrobenzene-d5
Concen: 87.078 ng
RT: 9.324 min Scan# 1027
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

Tgt Ion:	82	Resp:	272105
Ion Ratio	Lower	Upper	
82	100		
128	44.3	32.2	48.2
54	50.5	41.4	62.0

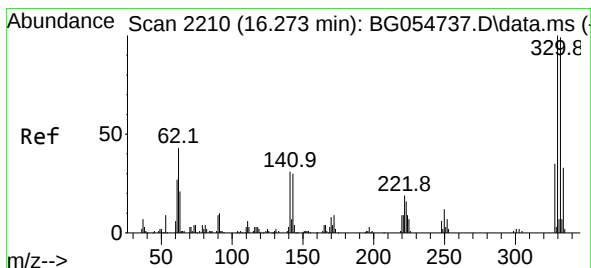
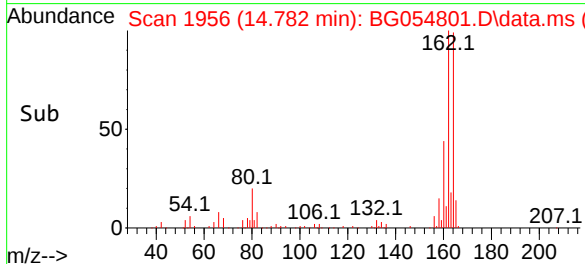
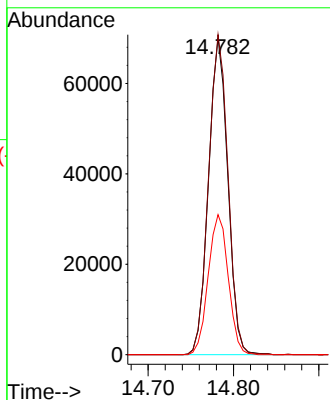
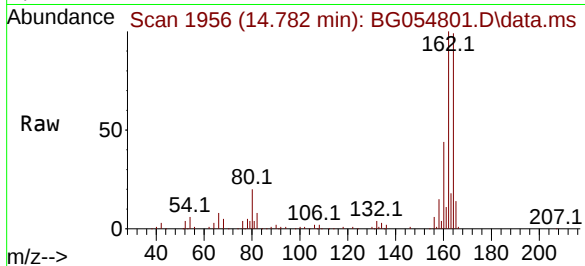




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.782 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

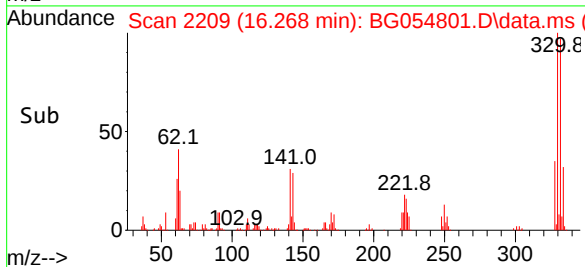
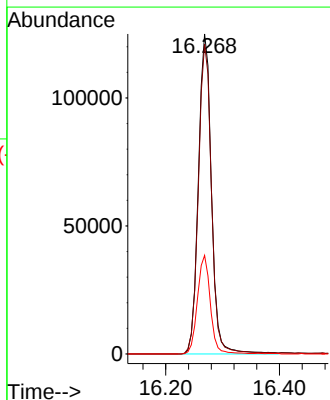
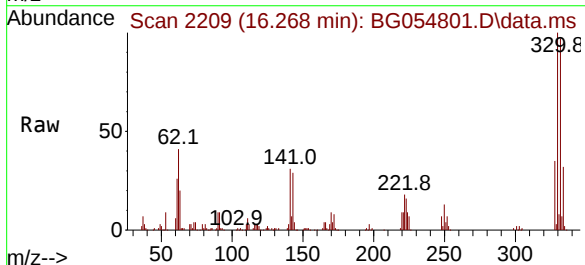
Instrument :
BNA_G
ClientSampleId :
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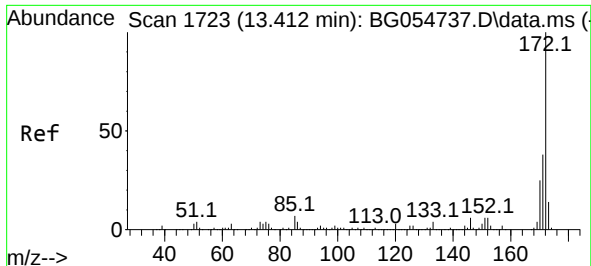
Tgt Ion:164 Resp: 110180
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.4
160 44.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 145.437 ng
RT: 16.268 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

Tgt Ion:330 Resp: 200233
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 30.4 26.8 40.2

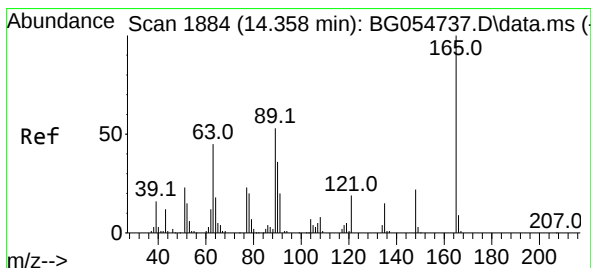
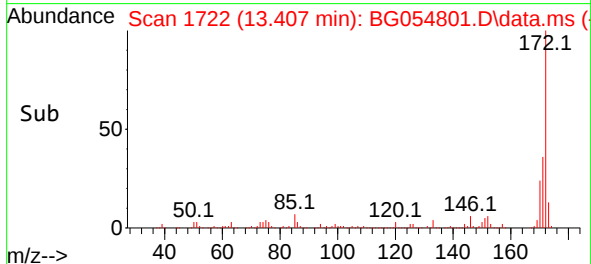
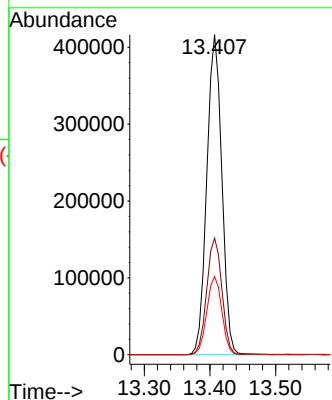
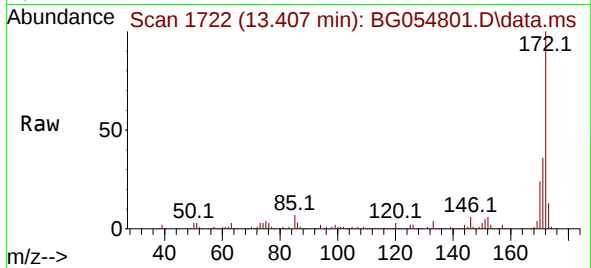




#45
2-Fluorobiphenyl
Concen: 90.604 ng
RT: 13.407 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

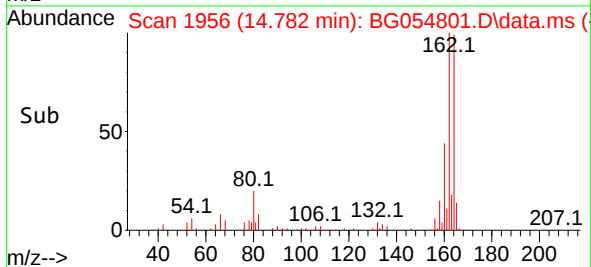
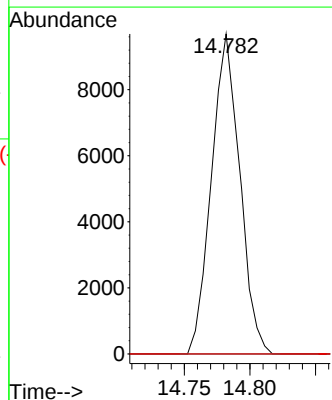
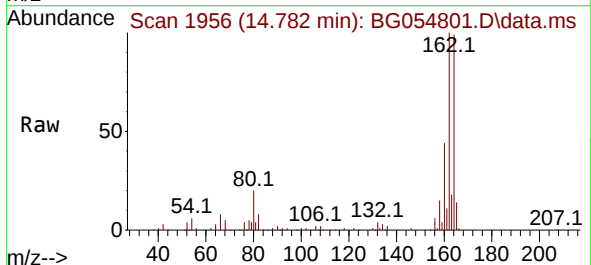
Instrument :
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ClientSampleId :
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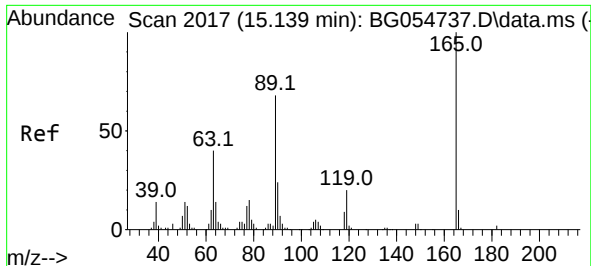
Tgt Ion:172 Resp: 664181
Ion Ratio Lower Upper
172 100
171 36.5 31.2 46.8
170 24.4 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.377 ng
RT: 14.782 min Scan# 1956
Delta R.T. 0.424 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

Tgt Ion:165 Resp: 14544
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

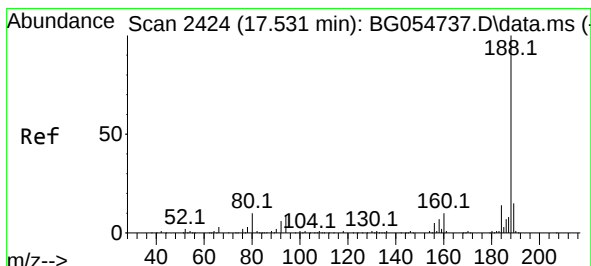
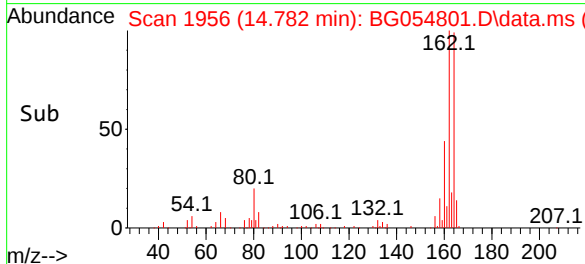
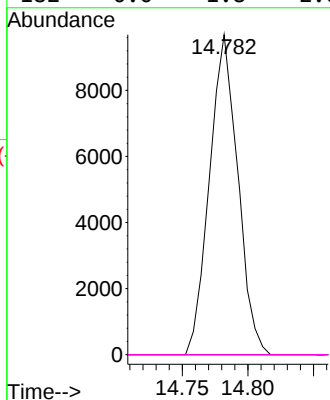
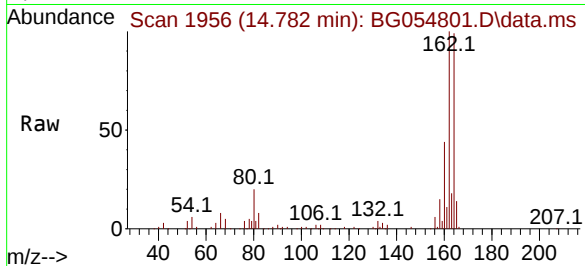




#57
2,4-Dinitrotoluene
Concen: 6.056 ng
RT: 14.782 min Scan# 1956
Delta R.T. -0.358 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

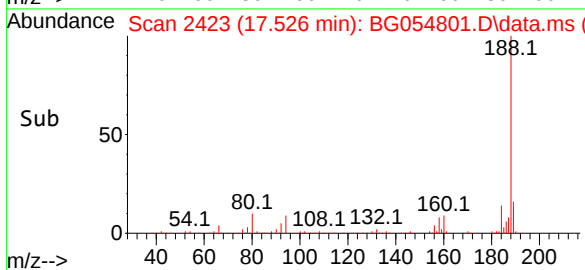
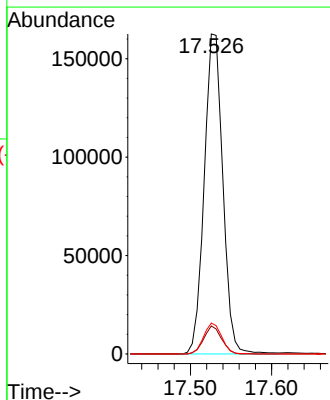
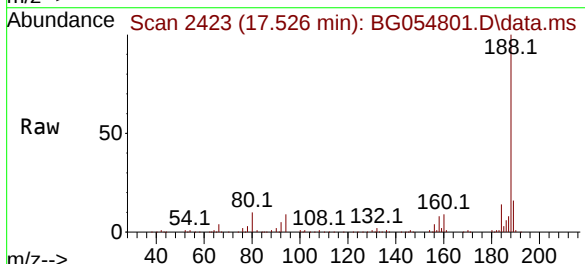
Instrument :
BNA_G
ClientSampleId :
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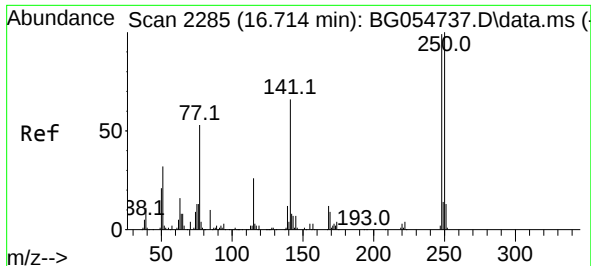
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Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.8	55.2#
89	0.0	64.3	96.5#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.526 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

Tgt Ion:	188	Resp:	258227
Ion Ratio	Lower	Upper	
188	100		
94	8.7	7.0	10.4
80	9.6	7.9	11.9

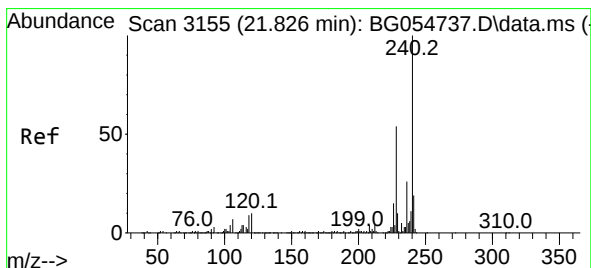
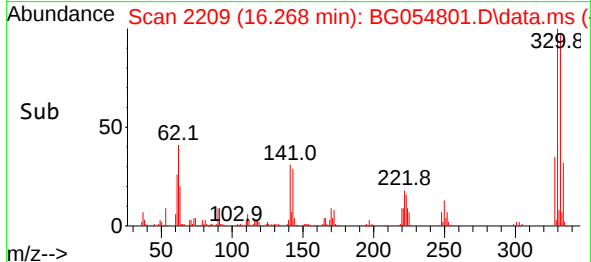
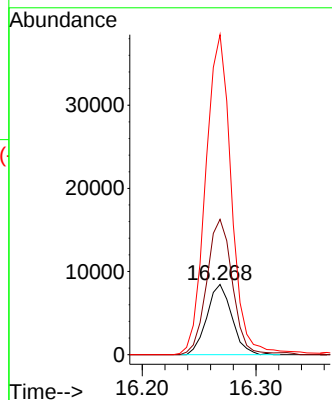
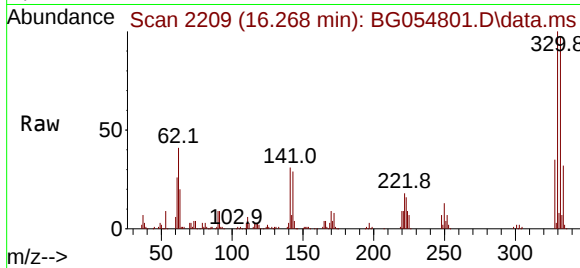




#67
4-Bromophenyl-phenylether
Concen: 4.543 ng
RT: 16.268 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

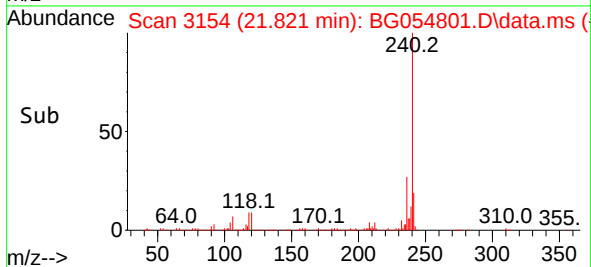
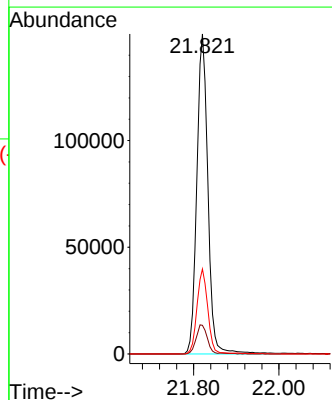
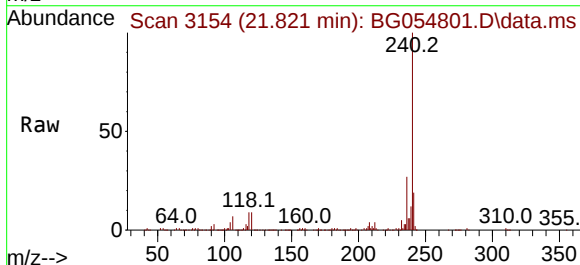
Instrument :
BNA_G
ClientSampleId :
PB147287BL

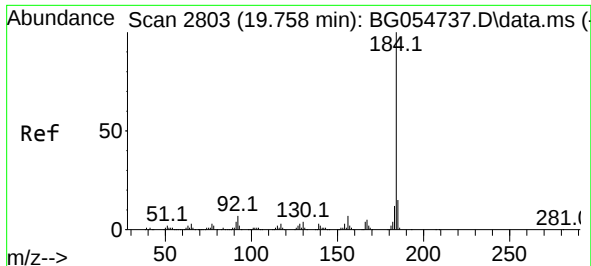
Tgt Ion:248 Resp: 12879
Ion Ratio Lower Upper
248 100
250 192.7 78.8 118.2#
141 455.8 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.821 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

Tgt Ion:240 Resp: 270318
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.6 21.2 31.8

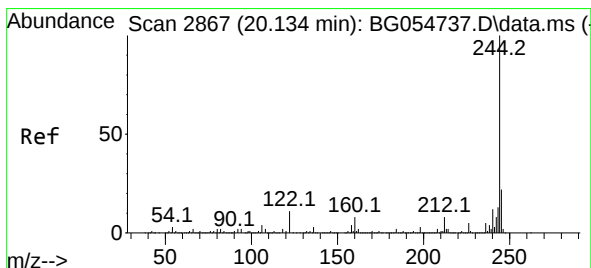
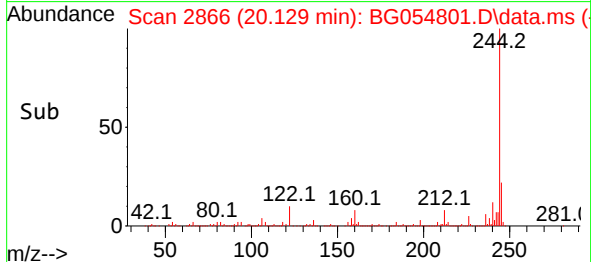
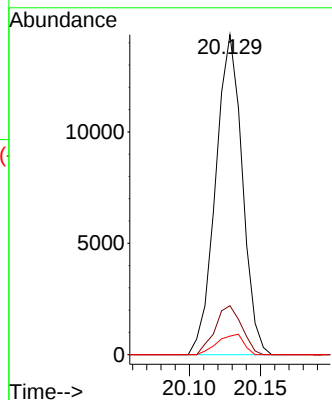
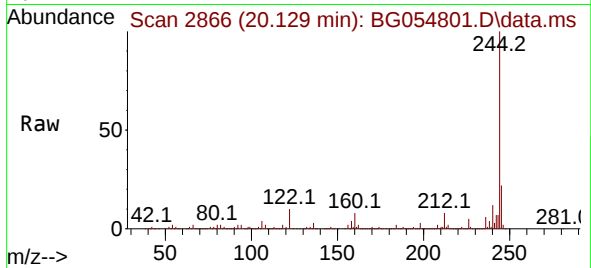




#77
Benzidine
Concen: 2.798 ng
RT: 20.129 min Scan# 2866
Delta R.T. 0.371 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

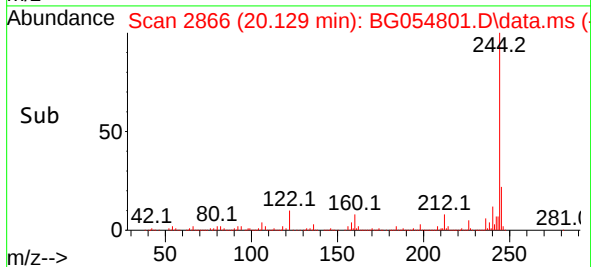
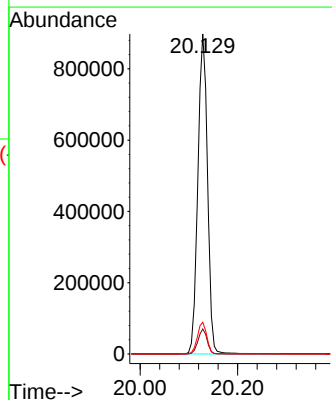
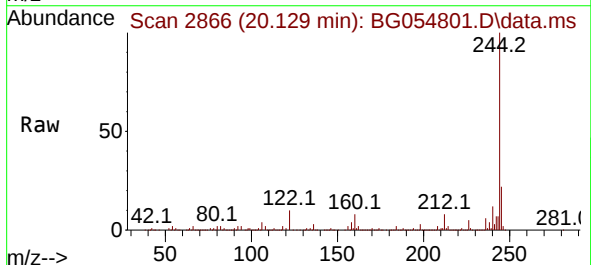
Instrument :
BNA_G
ClientSampleId :
PB147287BL

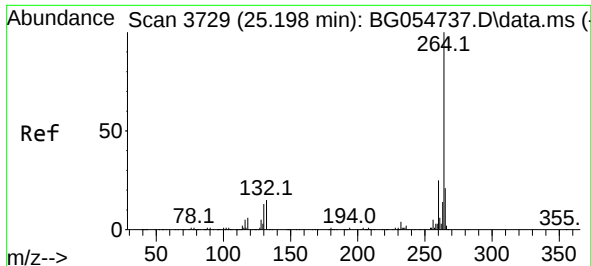
Tgt Ion:184 Resp: 18737
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.0
183 5.8 9.8 14.8#



#79
Terphenyl-d14
Concen: 91.180 ng
RT: 20.129 min Scan# 2866
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

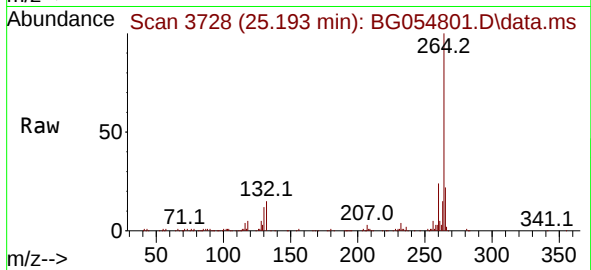
Tgt Ion:244 Resp: 1243957
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 9.9 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.193 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

Instrument :
BNA_G
ClientSampleId :
PB147287BL



Tgt Ion:264 Resp: 277150

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	22.0	16.9	25.3

