

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051145.D
 Acq On : 20 Nov 2021 6:11
 Operator : CG/JU
 Sample : M4758-25
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP13

Quant Time: Nov 20 06:45:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

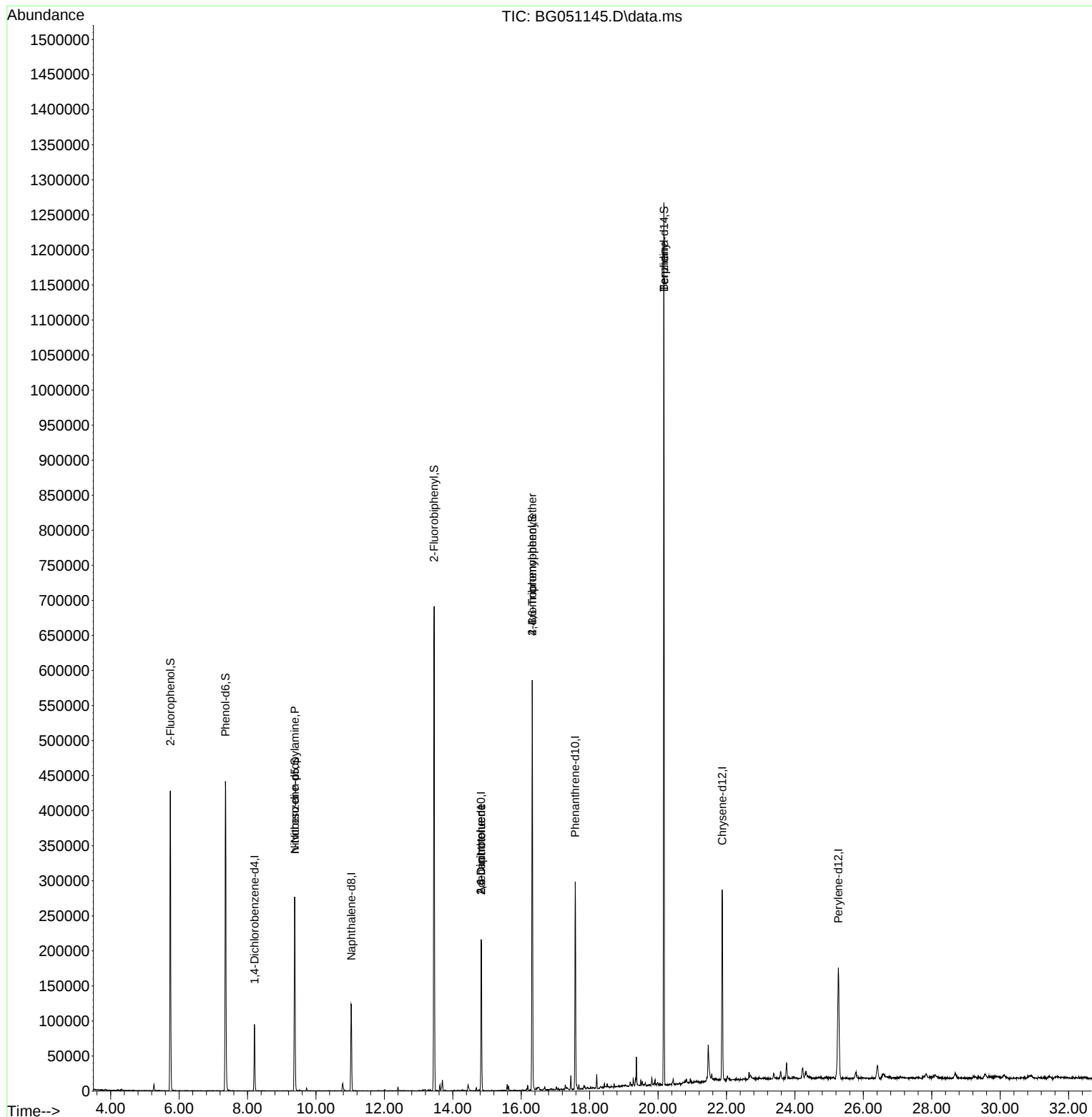
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	26402	20.000	ng	# 0.00
21) Naphthalene-d8	11.034	136	110121	20.000	ng	# 0.00
39) Acenaphthene-d10	14.830	164	76655	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	182095	20.000	ng	# 0.00
76) Chrysene-d12	21.875	240	171965	20.000	ng	# 0.00
86) Perylene-d12	25.271	264	168694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	194431	113.840	ng	0.00
7) Phenol-d6	7.356	99	263157	109.396	ng	0.00
23) Nitrobenzene-d5	9.383	82	186581	77.344	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	97530	119.706	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	358425	70.557	ng	0.00
79) Terphenyl-d14	20.171	244	576722	61.309	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.383	70	25733	14.492	ng	# 67
51) 2,6-Dinitrotoluene	14.830	165	9594	7.778	ng	# 10
57) 2,4-Dinitrotoluene	14.830	165	9594	5.430	ng	# 15
67) 4-Bromophenyl-phenylether	16.322	248	7594	3.856	ng	# 1
77) Benzidine	20.171	184	9688	3.431	ng	94

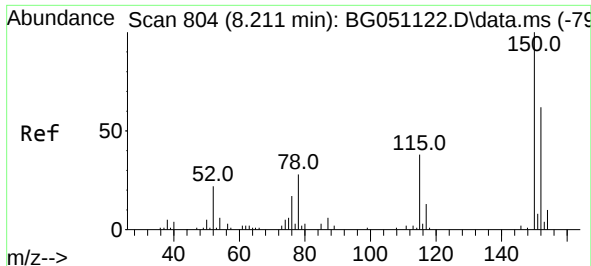
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
Data File : BG051145.D
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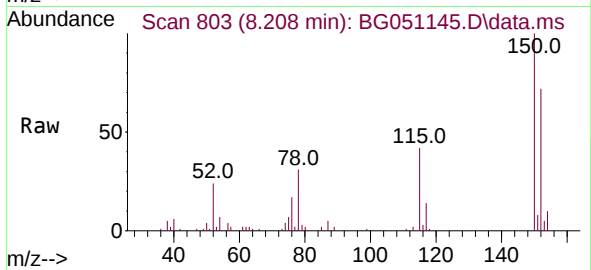
Quant Time: Nov 20 06:45:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration



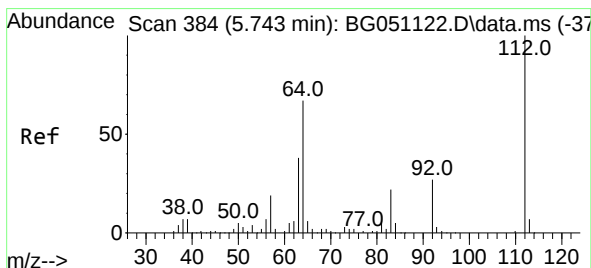
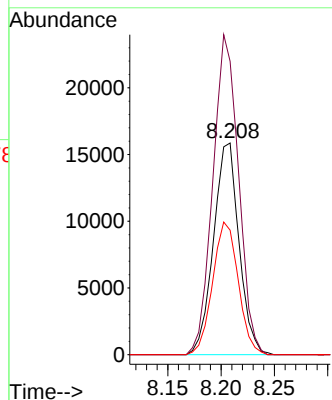
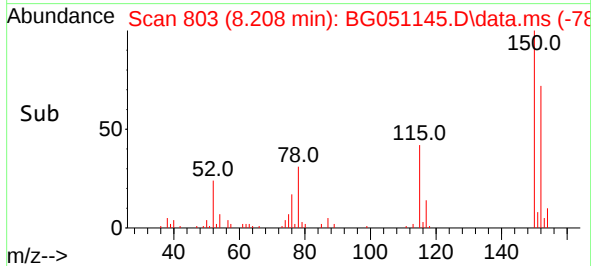


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

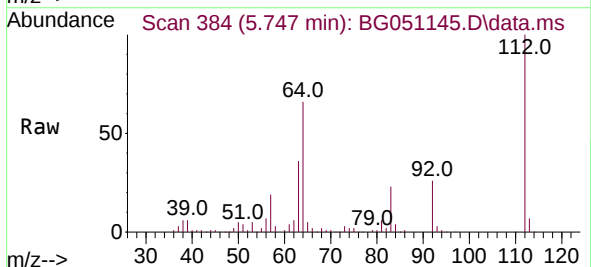
Instrument :
BNA_G
ClientSampleId :
TP13



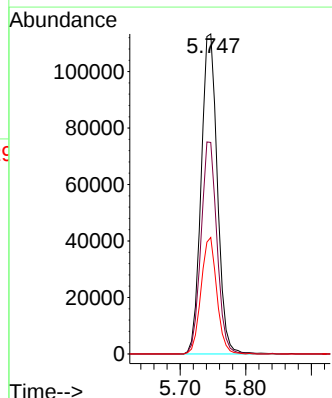
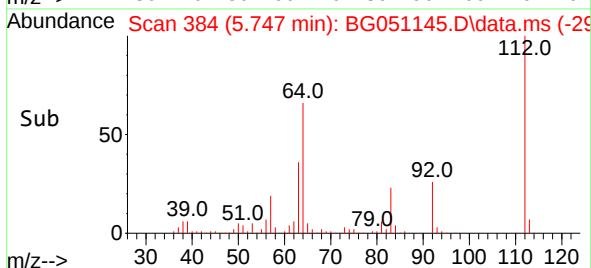
Tgt Ion:152 Resp: 26402
Ion Ratio Lower Upper
152 100
150 138.6 119.4 179.0
115 58.8 60.2 90.4#

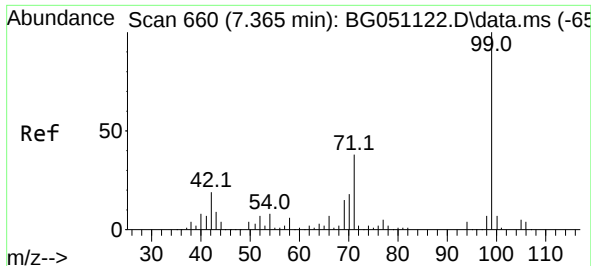


#5
2-Fluorophenol
Concen: 113.840 ng
RT: 5.747 min Scan# 384
Delta R.T. 0.003 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11



Tgt Ion:112 Resp: 194431
Ion Ratio Lower Upper
112 100
64 66.1 46.7 70.1
63 36.4 35.3 52.9

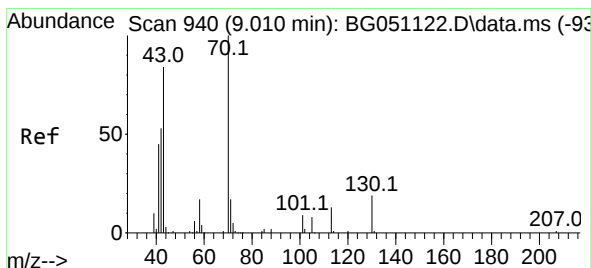
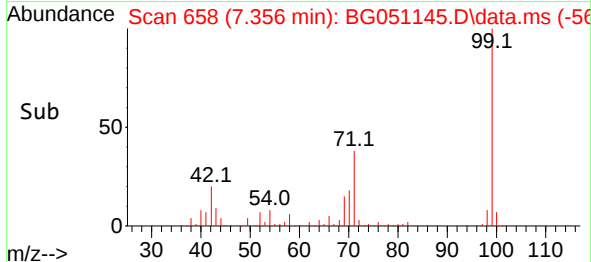
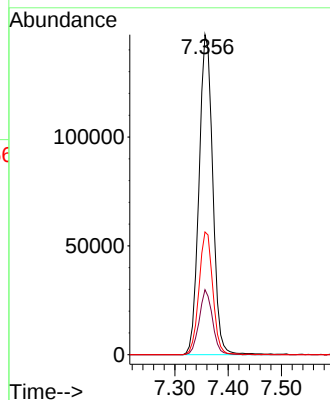
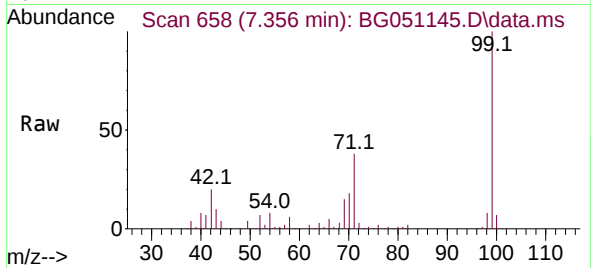




#7
Phenol-d6
Concen: 109.396 ng
RT: 7.356 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

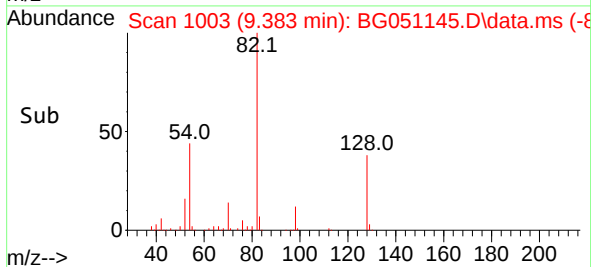
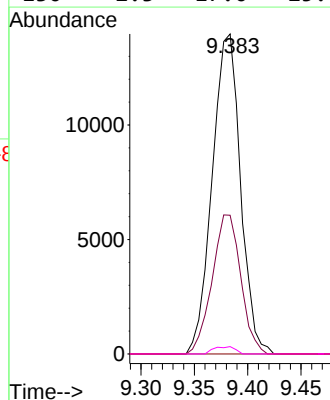
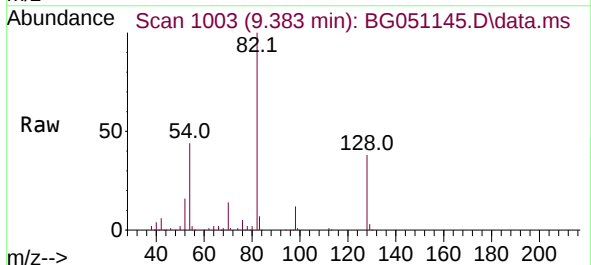
Instrument :
BNA_G
ClientSampleId :
TP13

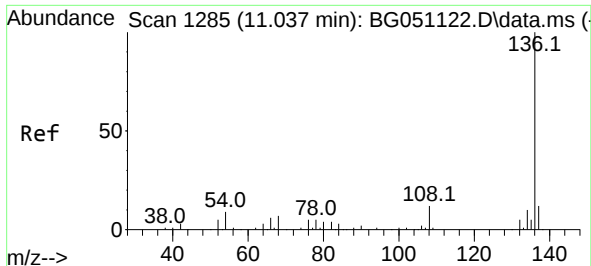
Tgt Ion: 99 Resp: 263157
Ion Ratio Lower Upper
99 100
42 20.3 20.5 30.7#
71 38.3 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.492 ng
RT: 9.383 min Scan# 1003
Delta R.T. 0.373 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

Tgt Ion: 70 Resp: 25733
Ion Ratio Lower Upper
70 100
42 43.4 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#

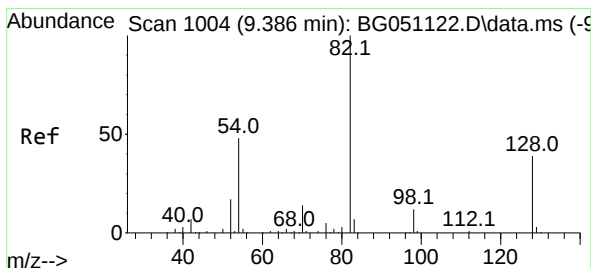
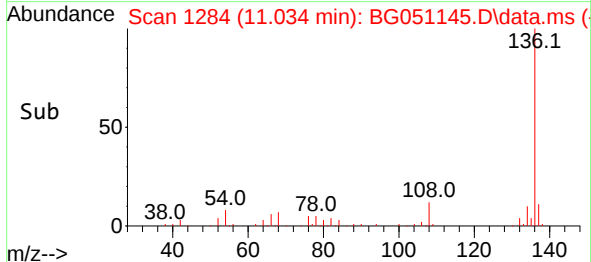
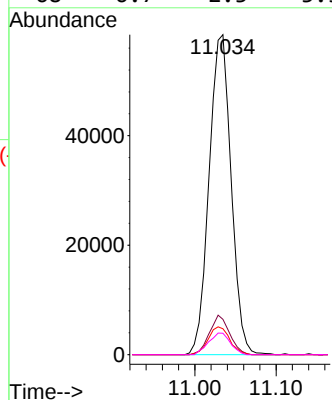
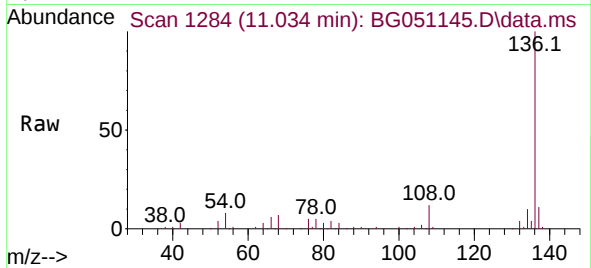




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 110121
Delta R.T. -0.003 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

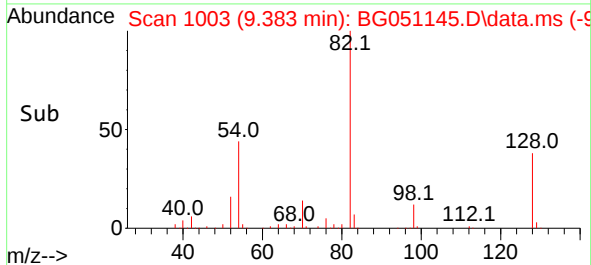
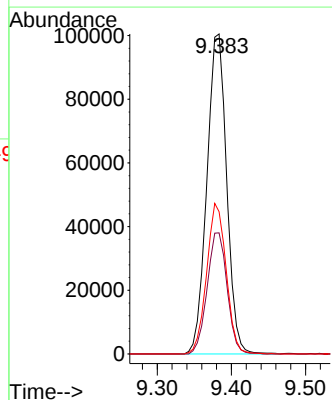
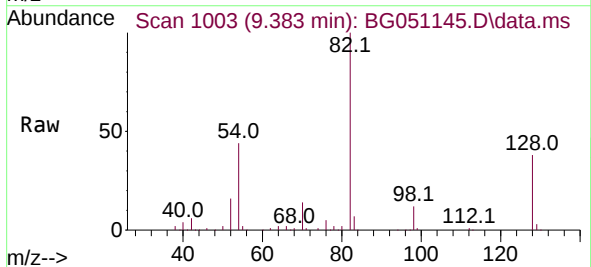
Instrument :
BNA_G
ClientSampleId :
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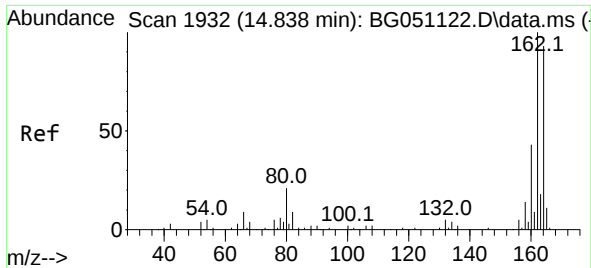
Tgt Ion:	136	Resp:	110121
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.2
54	8.1	5.5	8.3
68	6.7	2.3	3.5



#23
Nitrobenzene-d5
Concen: 77.344 ng
RT: 9.383 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

Tgt Ion:	82	Resp:	186581
Ion Ratio	Lower	Upper	
82	100		
128	37.9	29.8	44.6
54	44.5	45.8	68.8

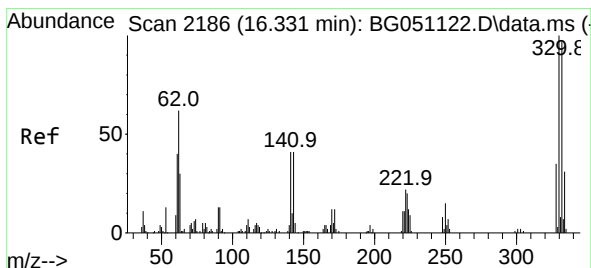
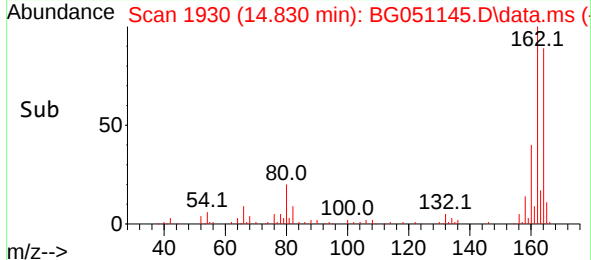
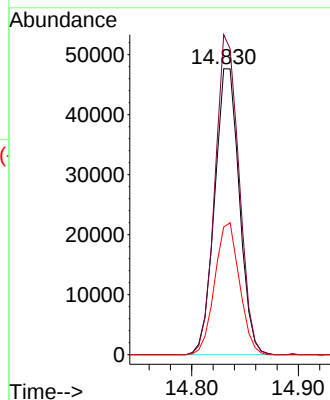
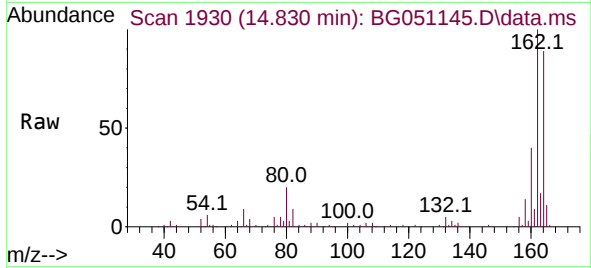




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.830 min Scan# 1932
Delta R.T. -0.008 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

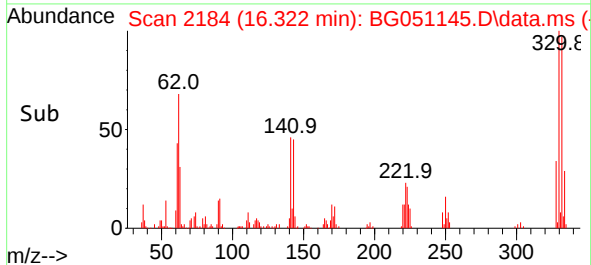
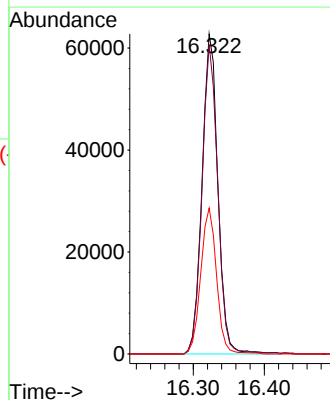
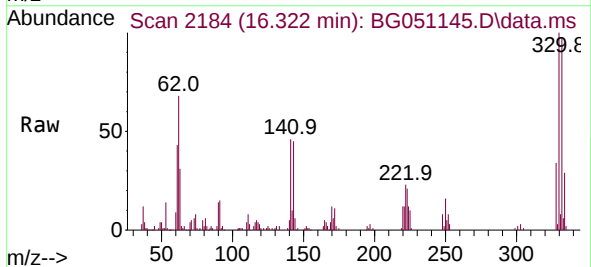
Instrument :
BNA_G
ClientSampleId :
TP13

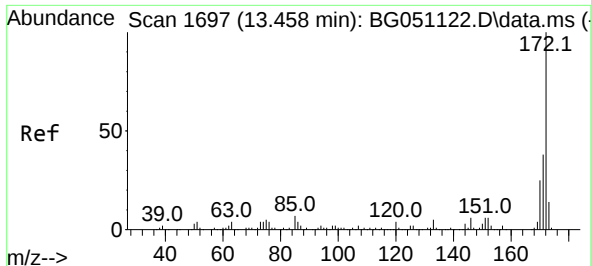
Tgt Ion:164	Resp:	76655
Ion Ratio	Lower	Upper
164	100	
162	111.9	81.4 122.0
160	44.6	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 119.706 ng
RT: 16.322 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

Tgt Ion:330	Resp:	97530
Ion Ratio	Lower	Upper
330	100	
332	96.0	77.3 115.9
141	45.5	35.6 53.4

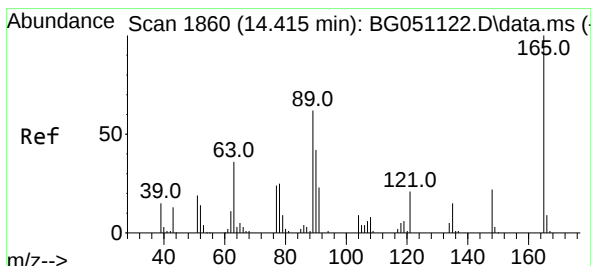
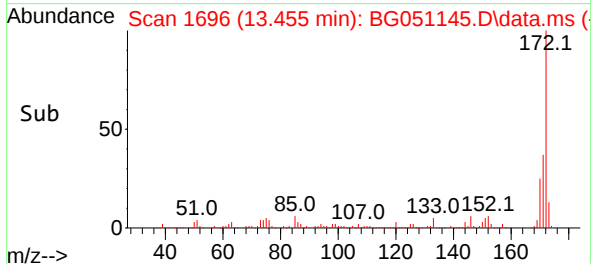
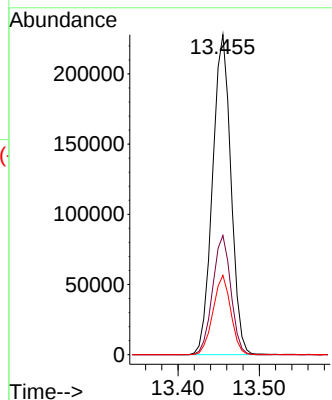
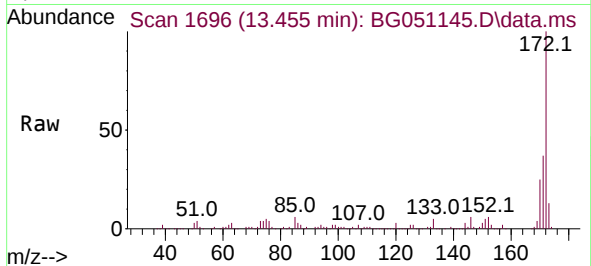




#45
2-Fluorobiphenyl
Concen: 70.557 ng
RT: 13.455 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

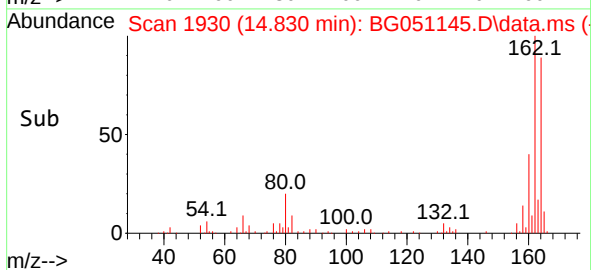
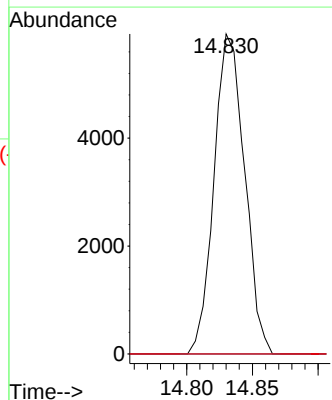
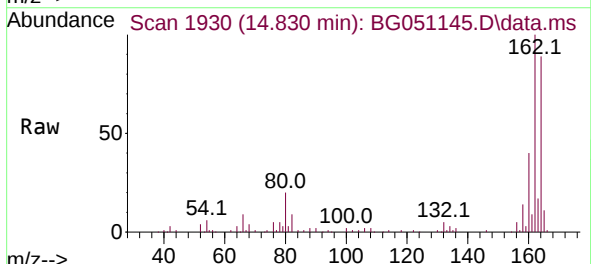
Instrument :
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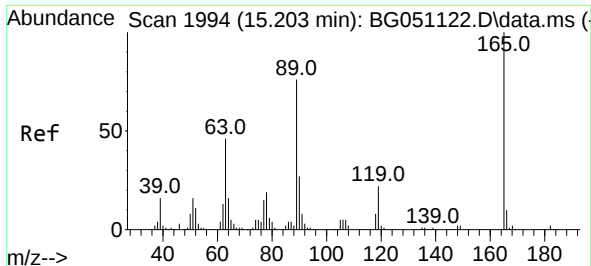
Tgt Ion:172 Resp: 358425
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.778 ng
RT: 14.830 min Scan# 1930
Delta R.T. 0.415 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

Tgt Ion:165 Resp: 9594
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

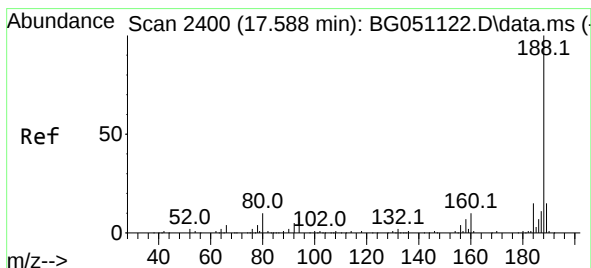
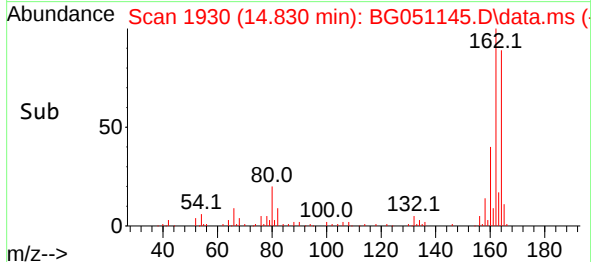
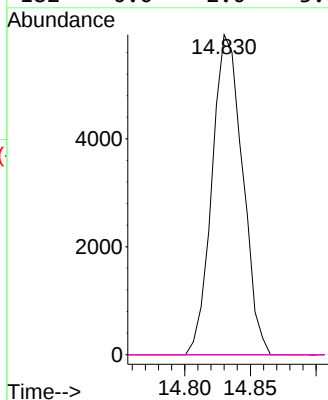
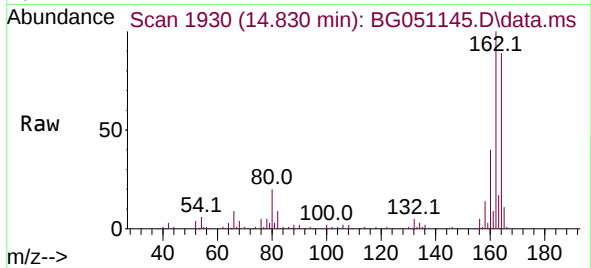




#57
2,4-Dinitrotoluene
Concen: 5.430 ng
RT: 14.830 min Scan# 1994
Delta R.T. -0.373 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

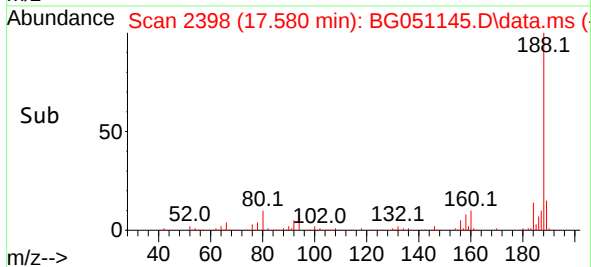
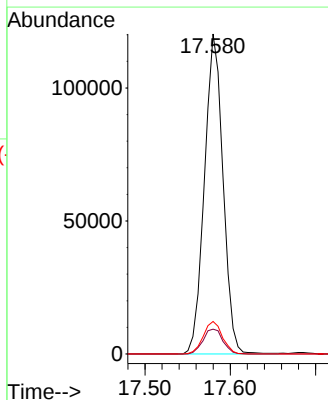
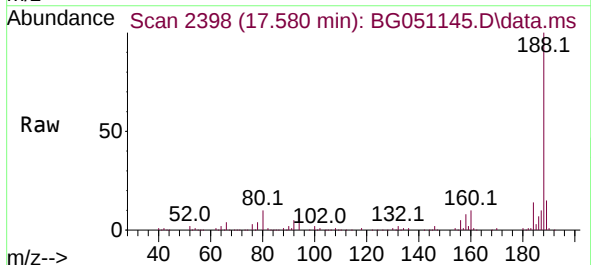
Instrument :
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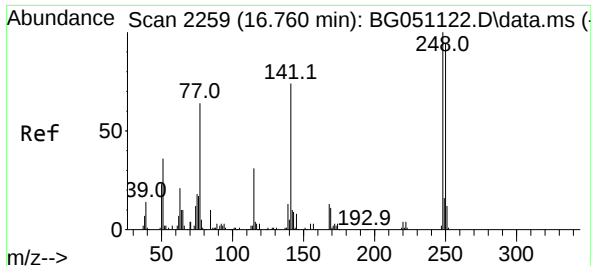
Tgt Ion:165	Resp:	9594
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2398
Delta R.T. -0.008 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

Tgt Ion:188	Resp:	182095
Ion Ratio	Lower	Upper
188	100	
94	7.7	5.4 8.0
80	10.1	3.7 5.5#

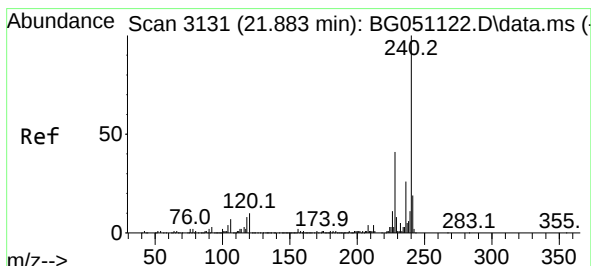
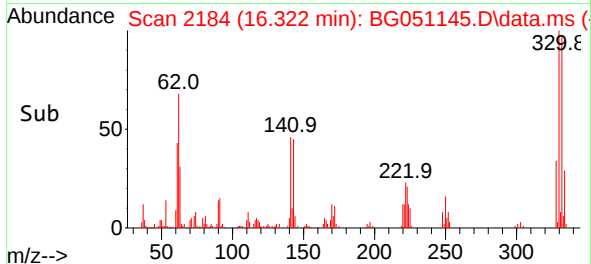
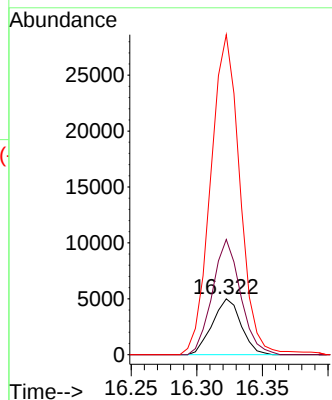
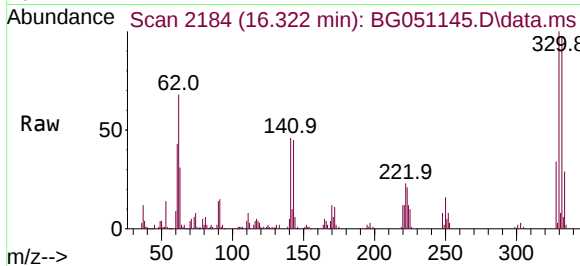




#67
4-Bromophenyl-phenylether
Concen: 3.856 ng
RT: 16.322 min Scan# 2184
Delta R.T. -0.437 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

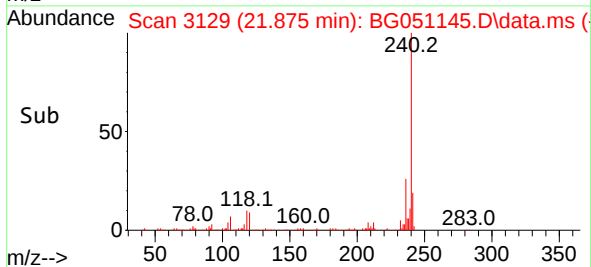
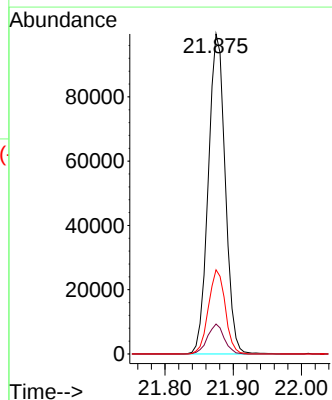
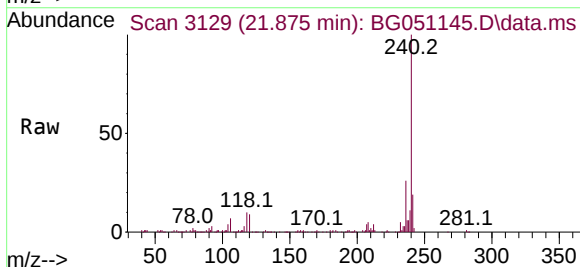
Instrument :
BNA_G
ClientSampleId :
TP13

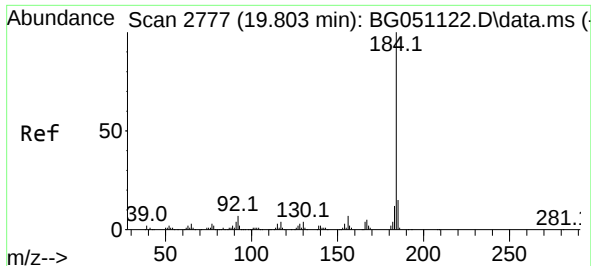
Tgt Ion:248 Resp: 7594
Ion Ratio Lower Upper
248 100
250 206.1 76.1 114.1#
141 572.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.875 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

Tgt Ion:240 Resp: 171965
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.3 21.8 32.6

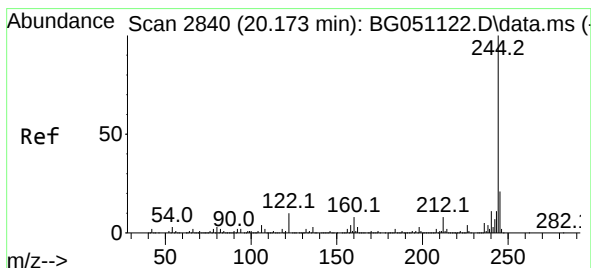
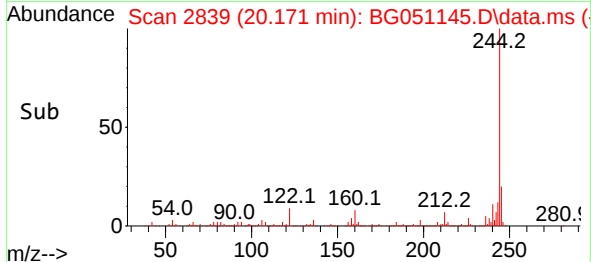
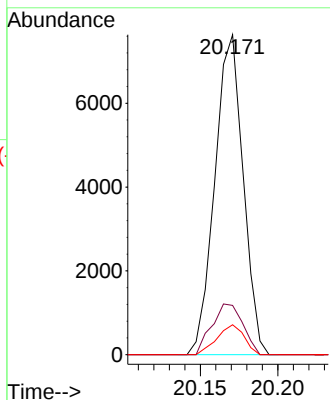
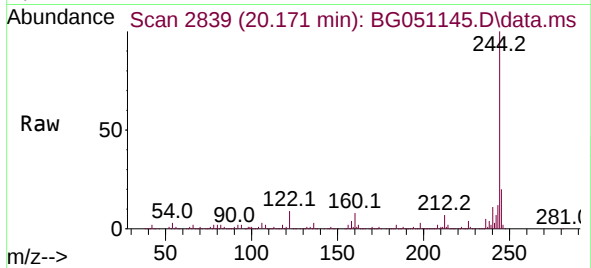




#77
Benzidine
Concen: 3.431 ng
RT: 20.171 min Scan# 2839
Delta R.T. 0.368 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

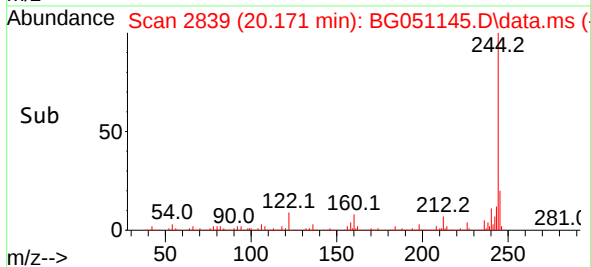
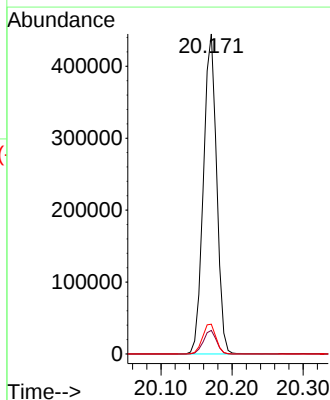
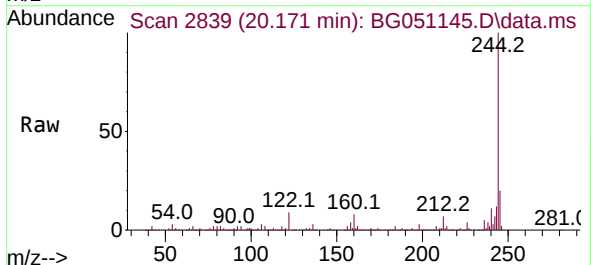
Instrument :
BNA_G
ClientSampleId :
TP13

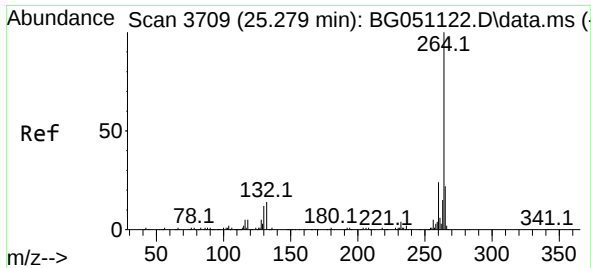
Tgt Ion:184 Resp: 9688
Ion Ratio Lower Upper
184 100
185 15.4 10.7 16.1
183 9.4 9.4 14.0



#79
Terphenyl-d14
Concen: 61.309 ng
RT: 20.171 min Scan# 2839
Delta R.T. -0.003 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

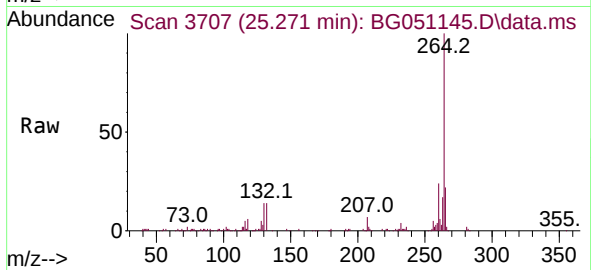
Tgt Ion:244 Resp: 576722
Ion Ratio Lower Upper
244 100
212 7.3 6.9 10.3
122 9.3 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.271 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG051145.D
Acq: 20 Nov 2021 6:11

Instrument :
BNA_G
ClientSampleId :
TP13



Tgt Ion:	264	Resp:	168694
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.2
265	22.2	16.9	25.3

