

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055687.D
 Acq On : 18 Nov 2022 12:20
 Operator : CG/JU
 Sample : N5598-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533

Quant Time: Nov 18 23:54:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

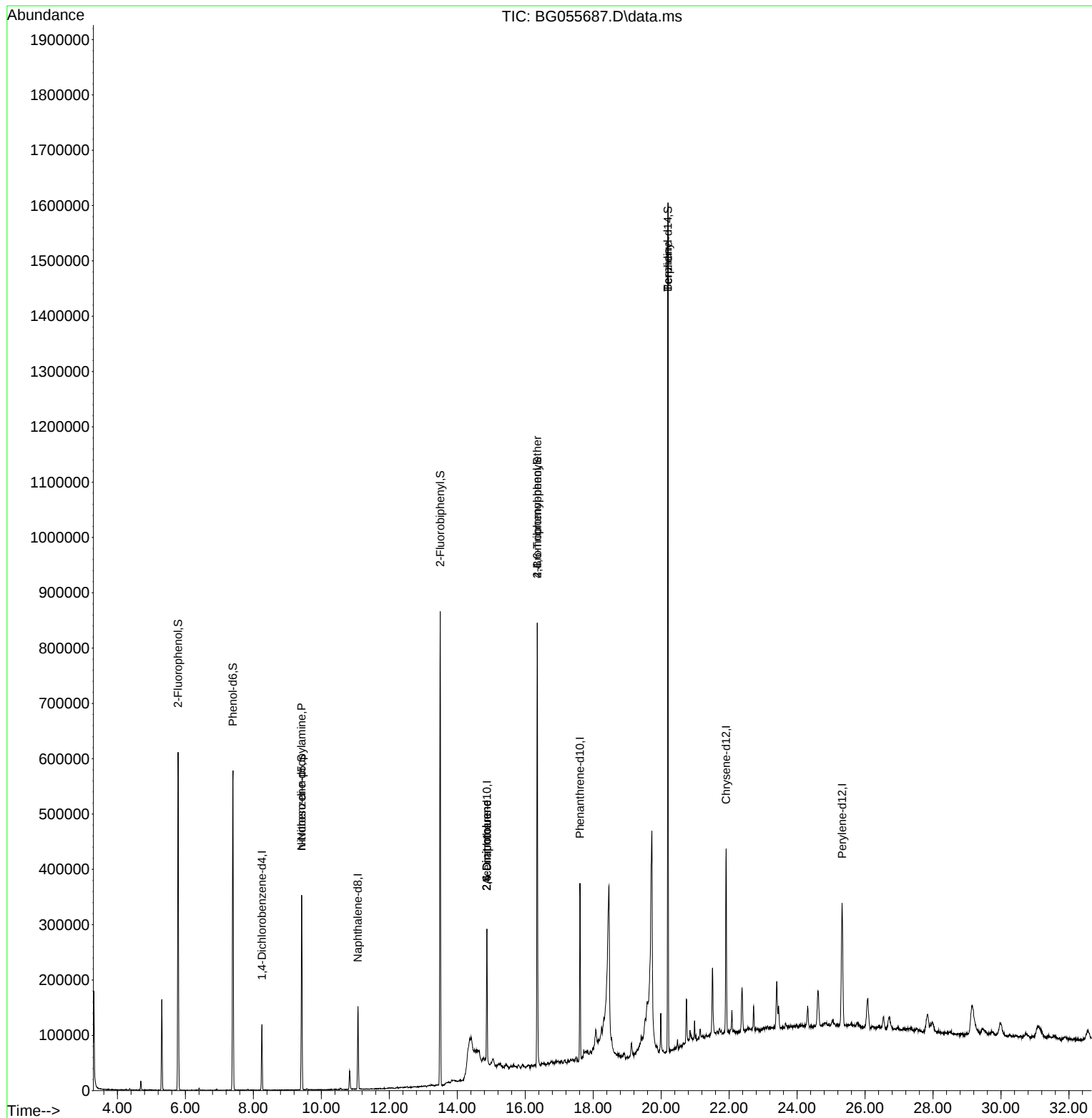
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	33462	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	128007	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	85783	20.000	ng	0.00
64) Phenanthrene-d10	17.611	188	210091	20.000	ng	0.00
76) Chrysene-d12	21.912	240	215703	20.000	ng	0.00
86) Perylene-d12	25.326	264	228307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	257498	139.093	ng	0.00
7) Phenol-d6	7.400	99	321199	130.339	ng	0.01
23) Nitrobenzene-d5	9.421	82	198835	82.100	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	173026	143.241	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	447538	78.159	ng	0.00
79) Terphenyl-d14	20.202	244	796038	73.813	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.421	70	27786	14.675	ng	# 78
51) 2,6-Dinitrotoluene	14.868	165	11273	8.062	ng	# 24
57) 2,4-Dinitrotoluene	14.868	165	11273	5.718	ng	# 22
67) 4-Bromophenyl-phenylether	16.354	248	10823	4.521	ng	# 1
77) Benzidine	20.202	184	11865	2.378	ng	# 83

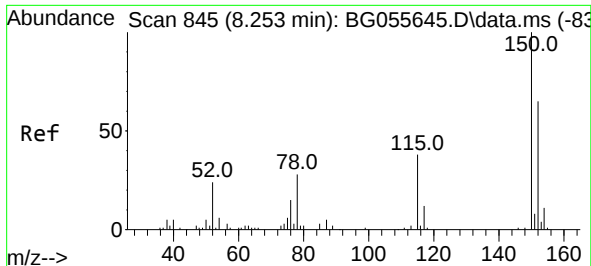
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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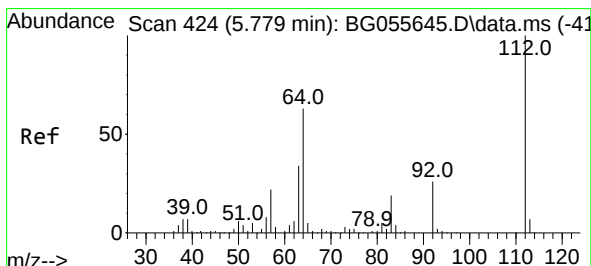
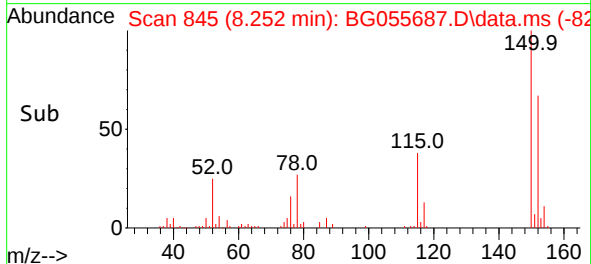
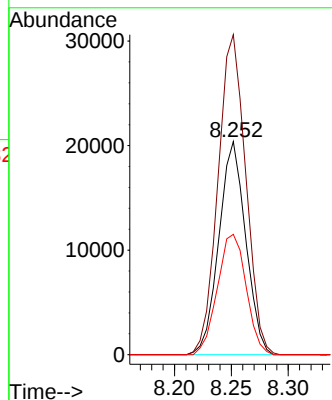
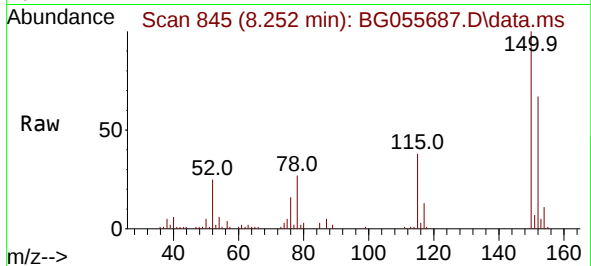




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

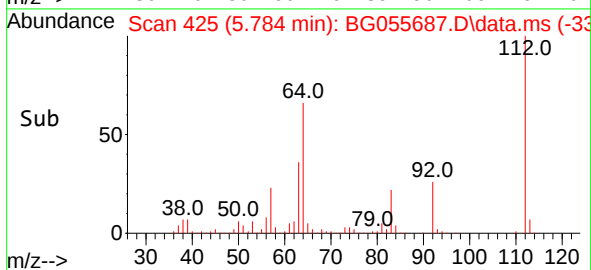
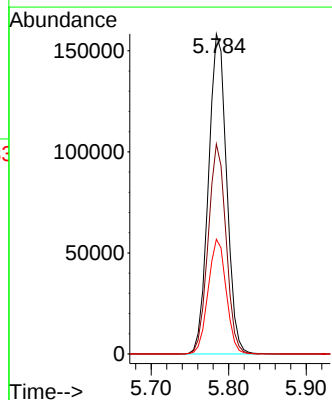
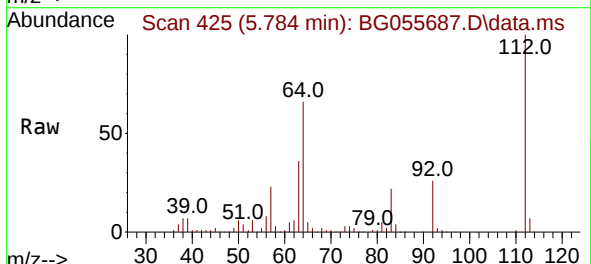
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

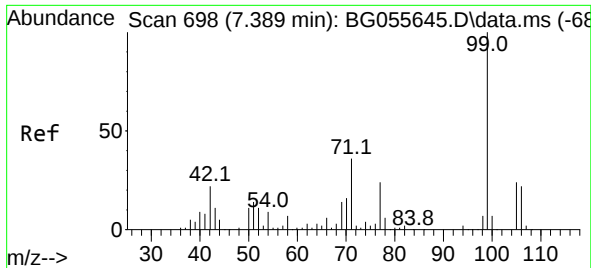
Tgt Ion:152 Resp: 33462
Ion Ratio Lower Upper
152 100
150 150.1 123.0 184.6
115 56.5 47.0 70.4



#5
2-Fluorophenol
Concen: 139.093 ng
RT: 5.784 min Scan# 425
Delta R.T. 0.005 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:112 Resp: 257498
Ion Ratio Lower Upper
112 100
64 65.6 50.6 76.0
63 35.9 27.5 41.3

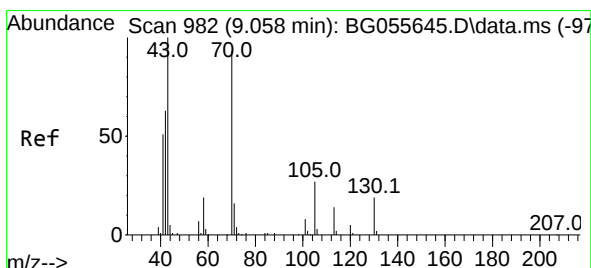
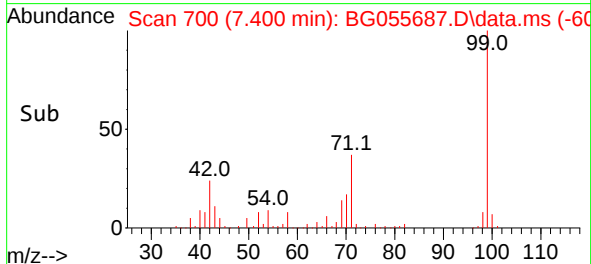
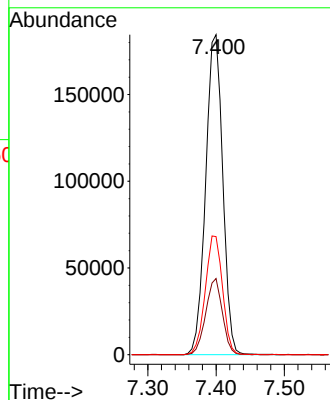
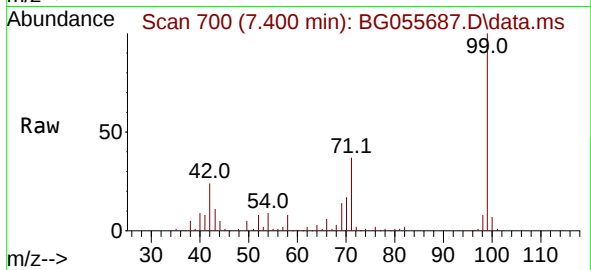




#7
Phenol-d6
Concen: 130.339 ng
RT: 7.400 min Scan# 70
Delta R.T. 0.011 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

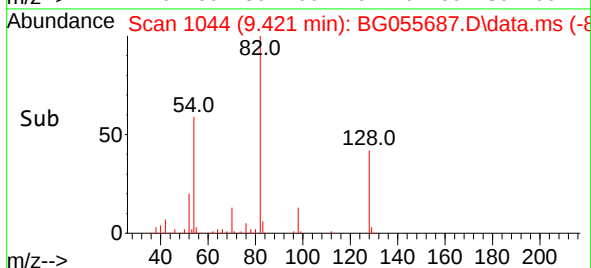
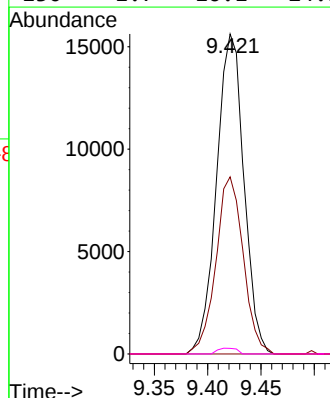
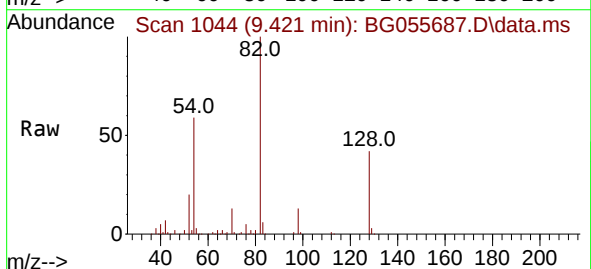
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

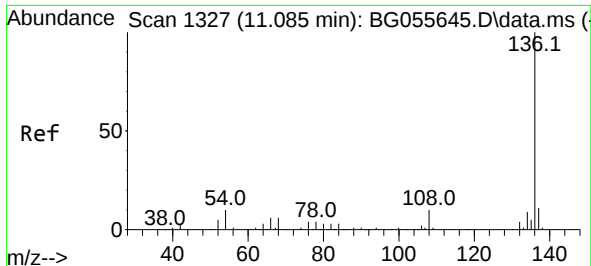
Tgt Ion: 99 Resp: 321199
Ion Ratio Lower Upper
99 100
42 23.8 18.0 27.0
71 36.9 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.675 ng
RT: 9.421 min Scan# 1044
Delta R.T. 0.363 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion: 70 Resp: 27786
Ion Ratio Lower Upper
70 100
42 55.4 55.2 82.8
101 0.0 7.1 10.7#
130 1.7 16.1 24.1#

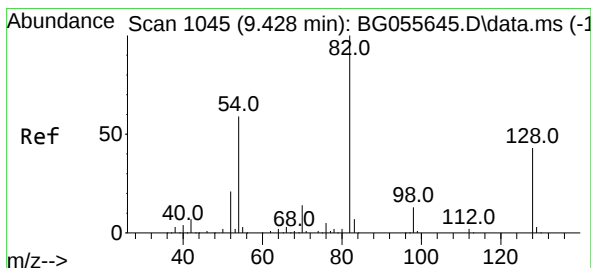
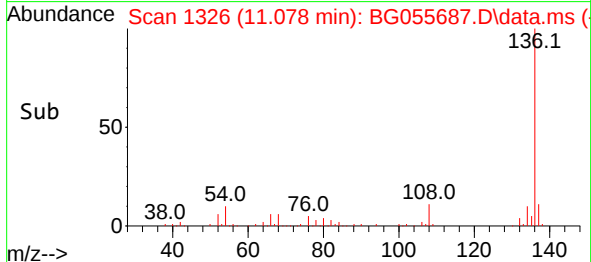
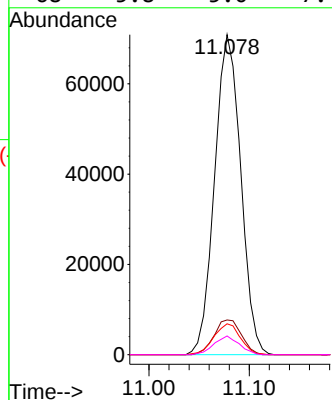
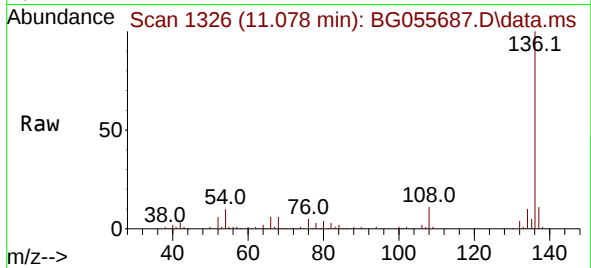




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

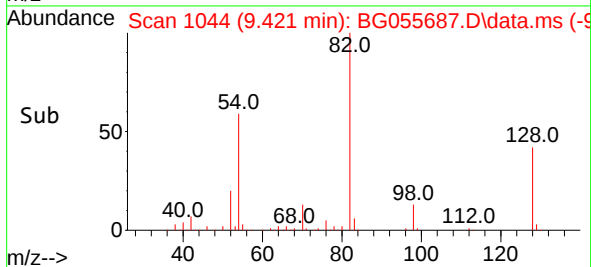
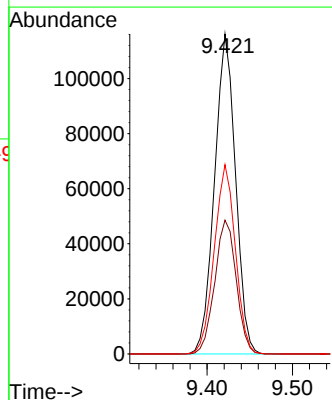
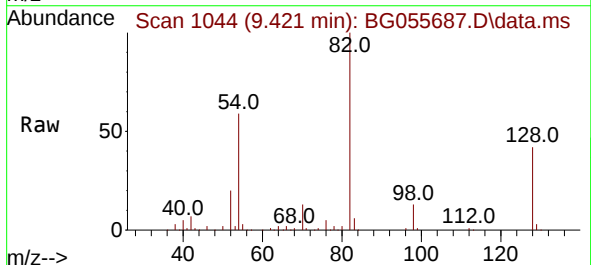
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

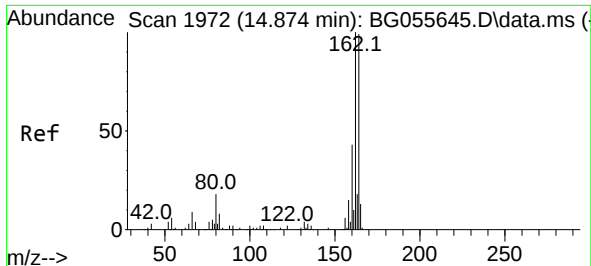
Tgt Ion:	136	Resp:	128007
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	9.7	7.8	11.6
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 82.100 ng
RT: 9.421 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:	82	Resp:	198835
Ion Ratio	Lower	Upper	
82	100		
128	41.8	34.1	51.1
54	59.2	47.3	70.9

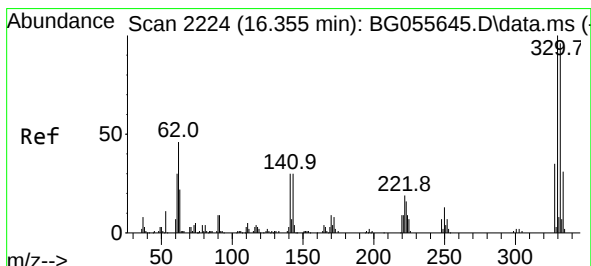
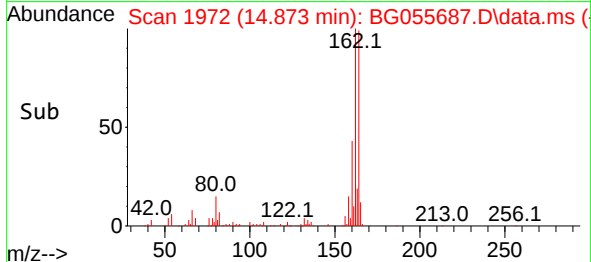
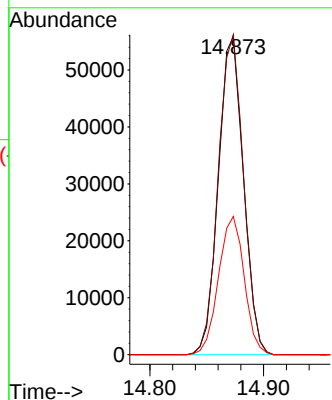
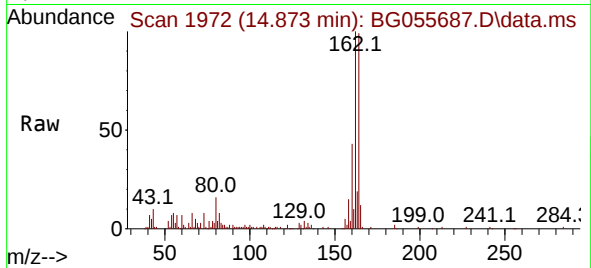




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

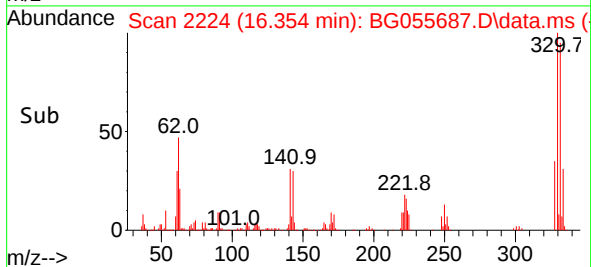
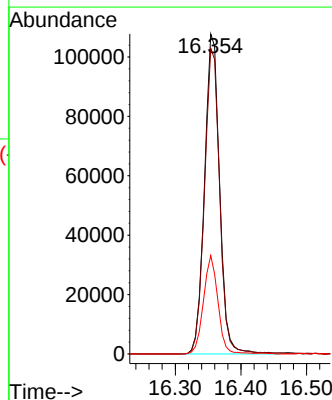
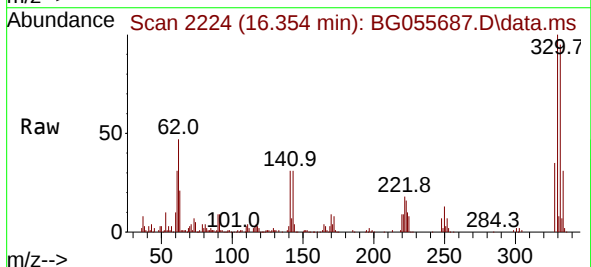
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

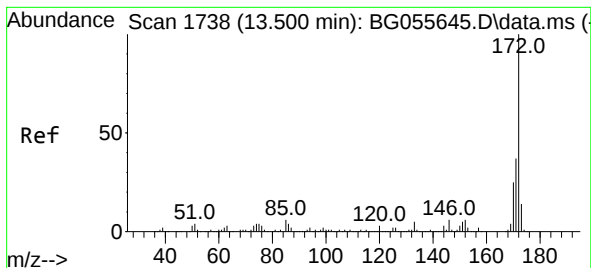
Tgt Ion:164 Resp: 85783
Ion Ratio Lower Upper
164 100
162 100.6 81.1 121.7
160 43.5 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 143.241 ng
RT: 16.354 min Scan# 2224
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:330 Resp: 173026
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.8
141 29.6 23.9 35.9

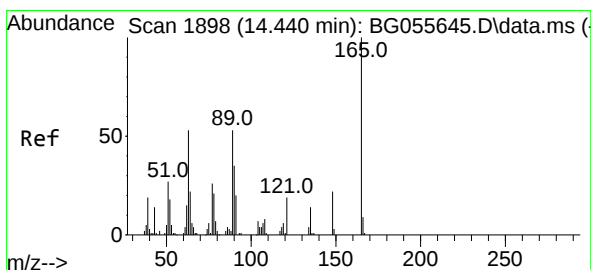
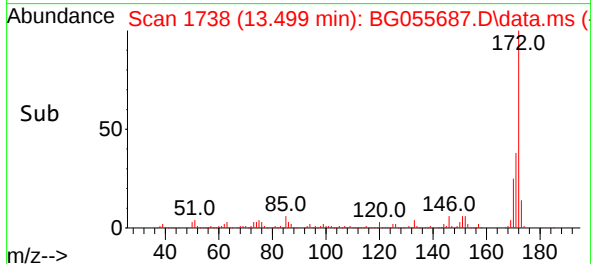
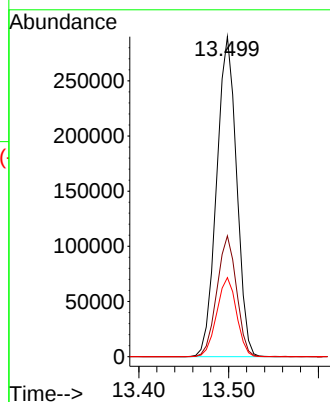
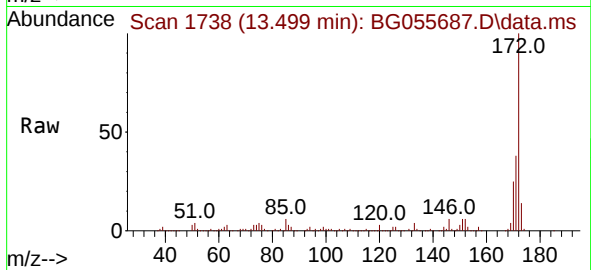




#45
2-Fluorobiphenyl
Concen: 78.159 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

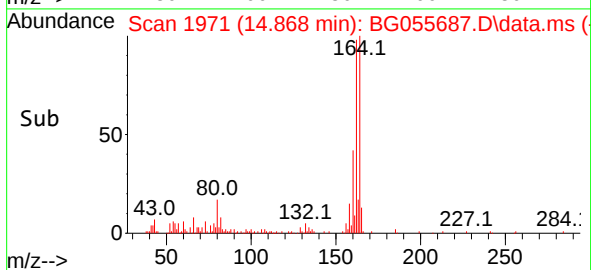
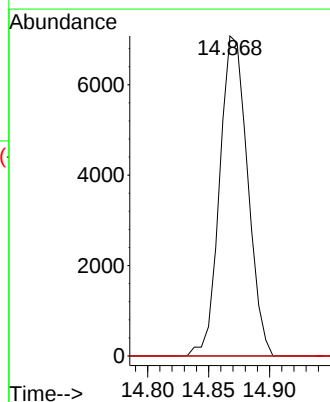
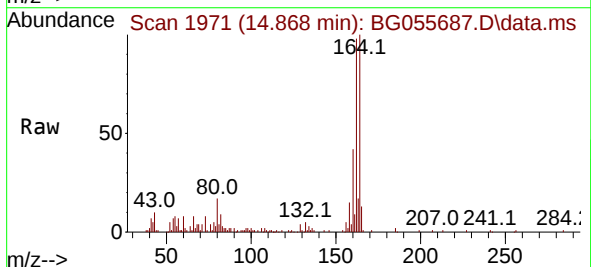
Instrument :
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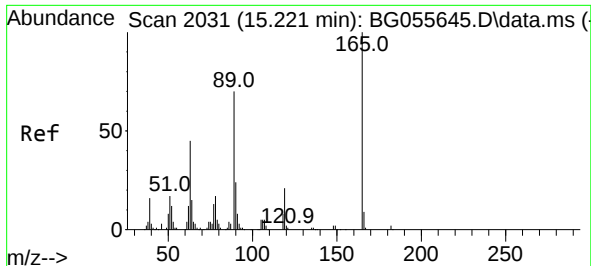
Tgt Ion:172 Resp: 447538
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.062 ng
RT: 14.868 min Scan# 1971
Delta R.T. 0.428 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:165 Resp: 11273
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#

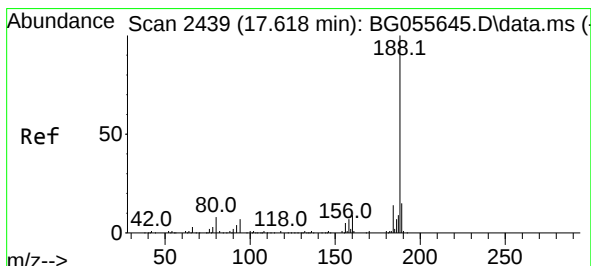
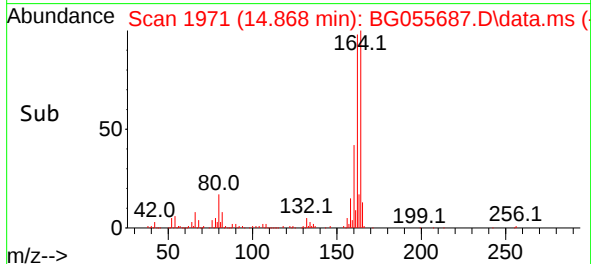
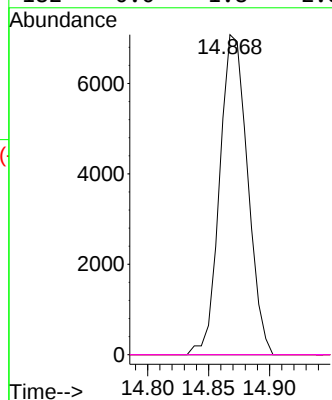
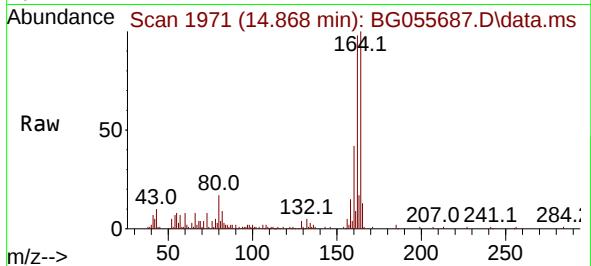




#57
2,4-Dinitrotoluene
Concen: 5.718 ng
RT: 14.868 min Scan# 1971
Delta R.T. -0.354 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

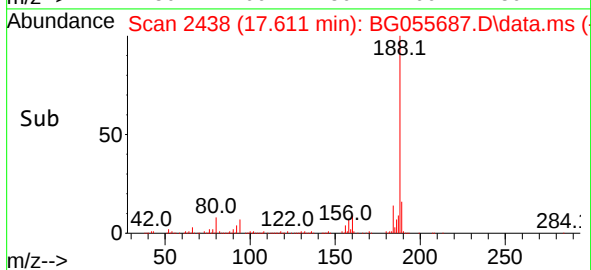
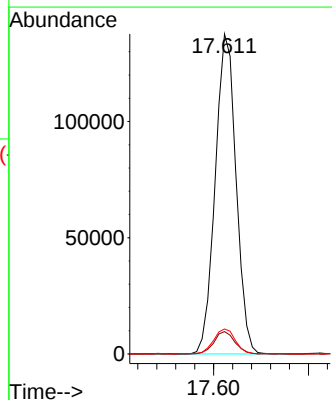
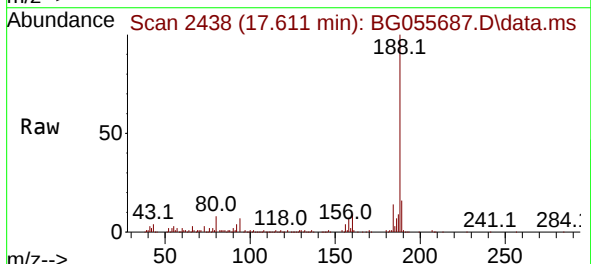
Instrument :
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FRAC-TANK-0760533

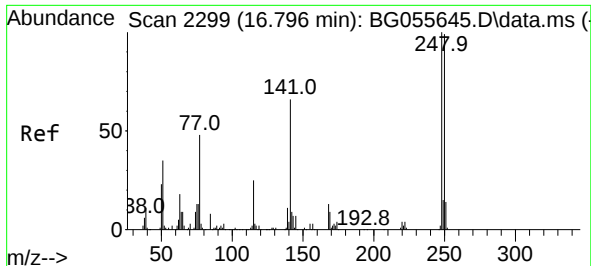
Tgt Ion:165 Resp: 11273
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.611 min Scan# 2438
Delta R.T. -0.007 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:188 Resp: 210091
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 7.8 6.6 10.0

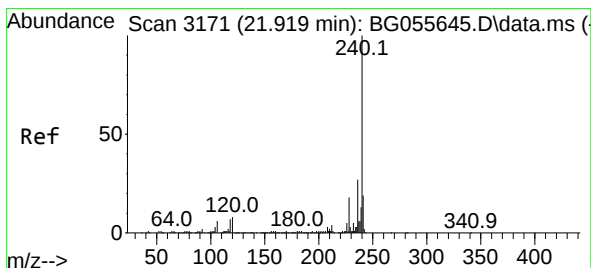
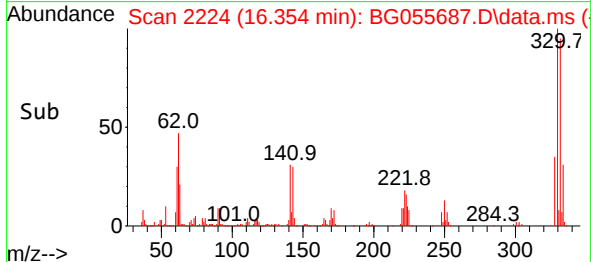
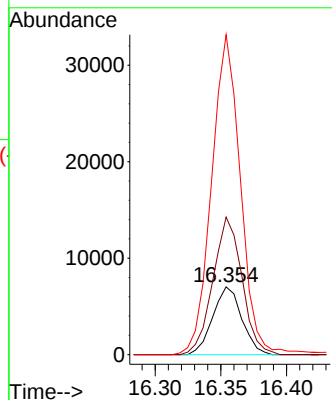
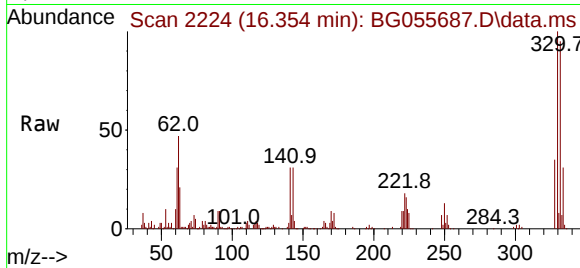




#67
4-Bromophenyl-phenylether
Concen: 4.521 ng
RT: 16.354 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

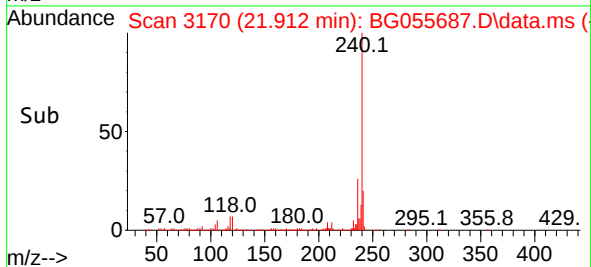
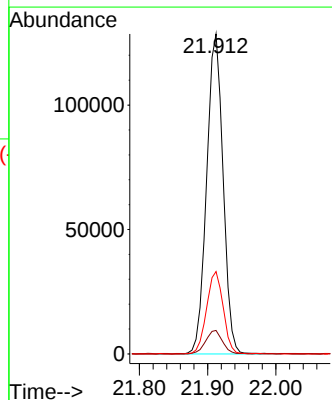
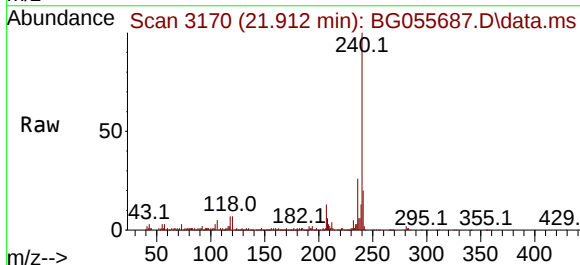
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

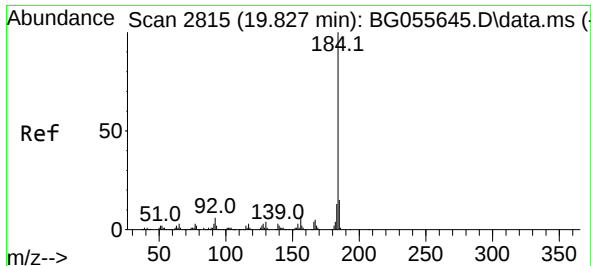
Tgt Ion:248 Resp: 10823
Ion Ratio Lower Upper
248 100
250 202.7 79.0 118.4#
141 471.4 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.912 min Scan# 3170
Delta R.T. -0.007 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:240 Resp: 215703
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 25.8 21.9 32.9

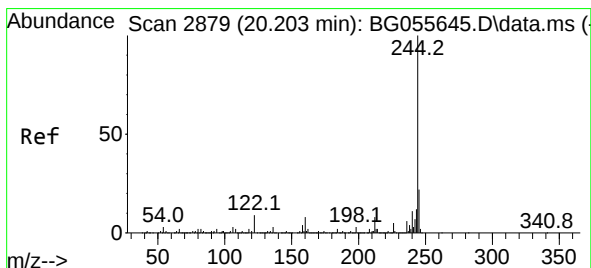
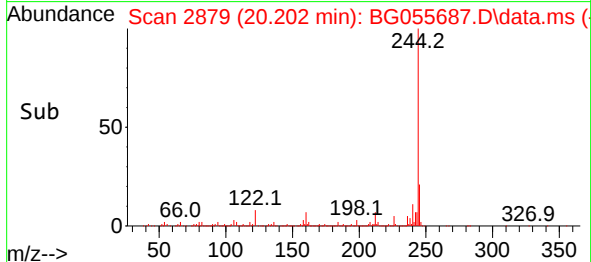
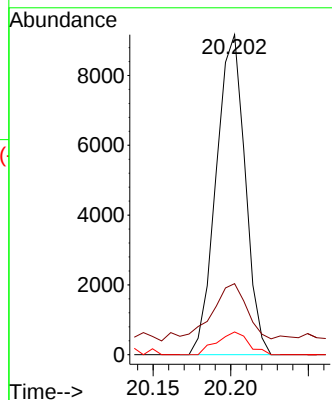
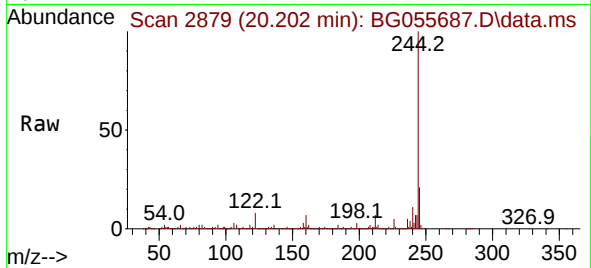




#77
Benzidine
Concen: 2.378 ng
RT: 20.202 min Scan# 2815
Delta R.T. 0.375 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

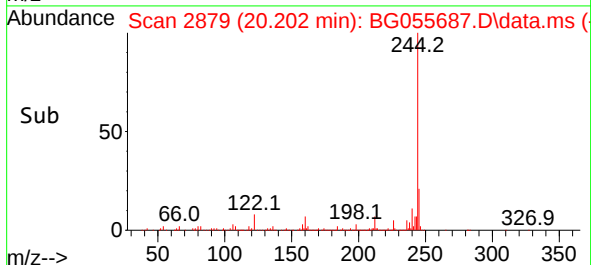
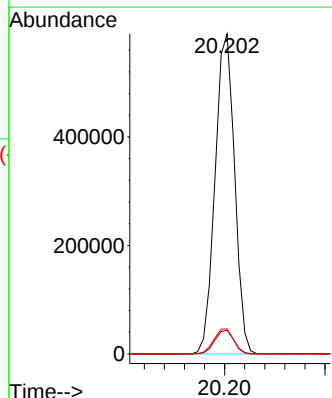
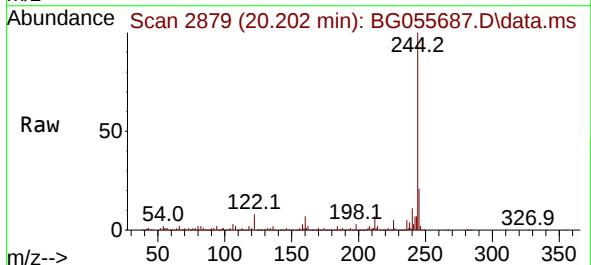
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

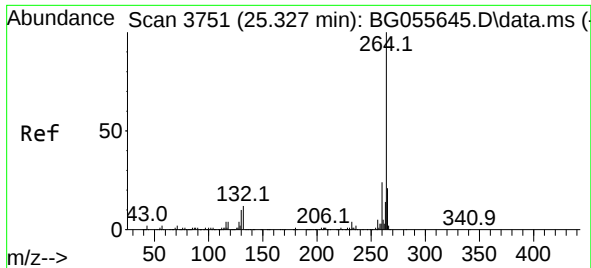
Tgt Ion:184 Resp: 11865
Ion Ratio Lower Upper
184 100
185 22.2 11.8 17.8#
183 7.1 10.6 15.8#



#79
Terphenyl-d14
Concen: 73.813 ng
RT: 20.202 min Scan# 2879
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

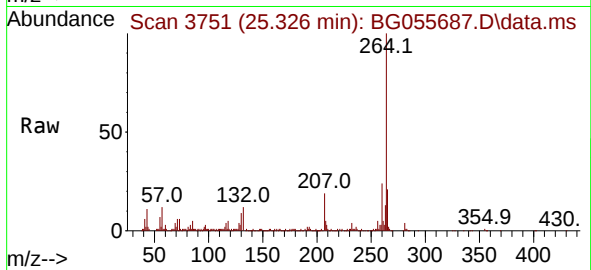
Tgt Ion:244 Resp: 796038
Ion Ratio Lower Upper
244 100
212 7.4 6.3 9.5
122 7.9 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.326 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533



Tgt Ion:	264	Resp:	228307
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	21.4	17.1	25.7

