

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061111.D
 Acq On : 3 May 2024 18:13
 Operator : MA/JU
 Sample : P2362-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-FOOTINGS

Quant Time: May 03 23:01:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

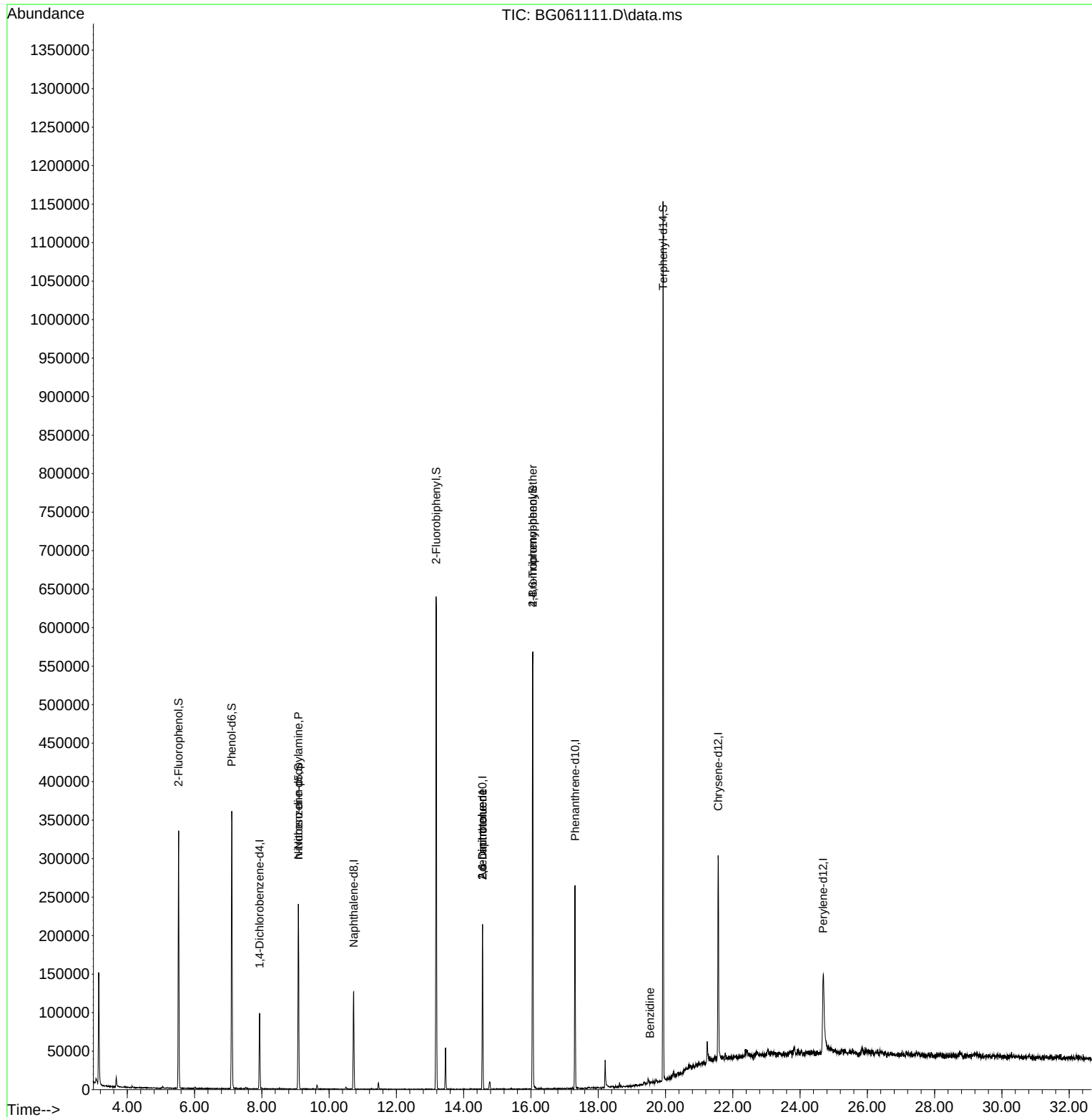
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	24895	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	100262	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	77675	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	176366	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	175076	20.000	ng	-0.03
86) Perylene-d12	24.686	264	157997	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	117035	95.609	ng	-0.02
7) Phenol-d6	7.107	99	165207	91.233	ng	-0.03
23) Nitrobenzene-d5	9.087	82	116224	57.464	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	127221	81.941	ng	-0.02
45) 2-Fluorobiphenyl	13.188	172	333277	63.447	ng	-0.02
79) Terphenyl-d14	19.933	244	615590	58.478	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.095	77	75	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.087	70	18492	13.646	ng	# 53
51) 2,6-Dinitrotoluene	14.563	165	10609	8.267	ng	# 16
57) 2,4-Dinitrotoluene	14.563	165	10609	5.588	ng	# 18
67) 4-Bromophenyl-phenylether	16.055	248	8140	3.918	ng	# 1
77) Benzidine	19.539	184	1237	3.145	ng	# 67

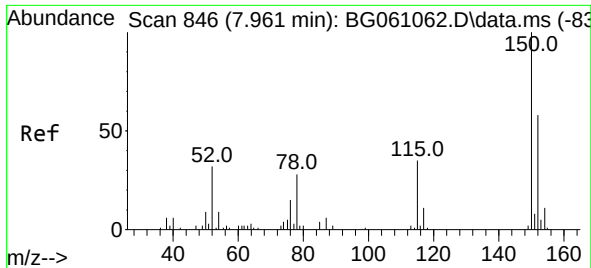
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

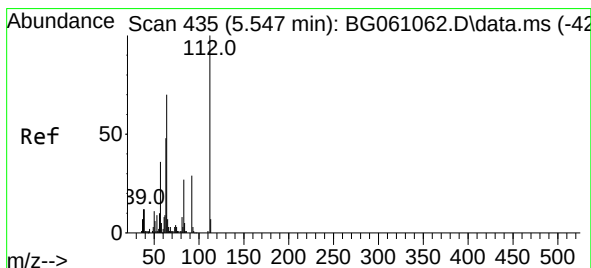
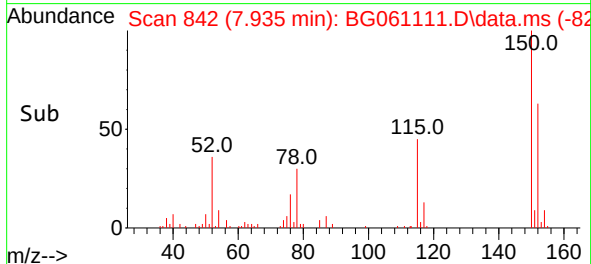
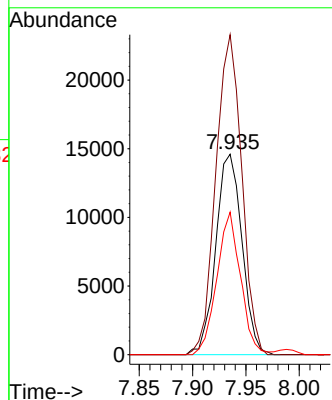
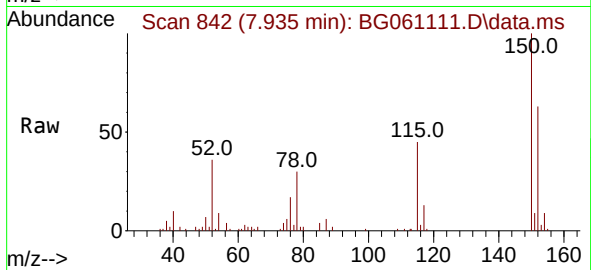




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 84
Delta R.T. -0.026 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

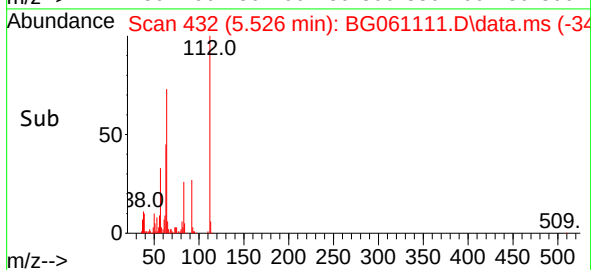
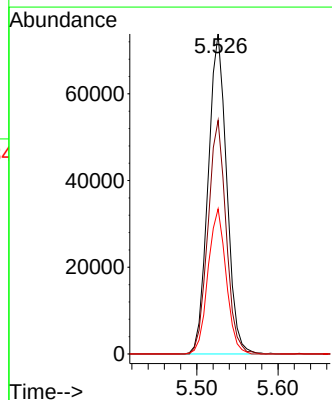
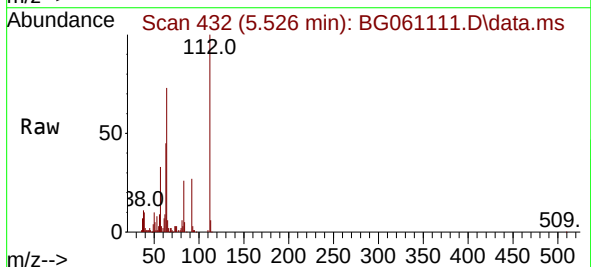
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-FOOTINGS

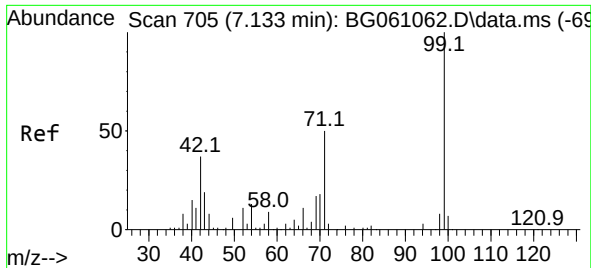
Tgt Ion:152 Resp: 24895
Ion Ratio Lower Upper
152 100
150 159.6 138.3 207.5
115 71.0 48.0 72.0



#5
2-Fluorophenol
Concen: 95.609 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

Tgt Ion:112 Resp: 117035
Ion Ratio Lower Upper
112 100
64 73.0 55.7 83.5
63 45.4 38.1 57.1

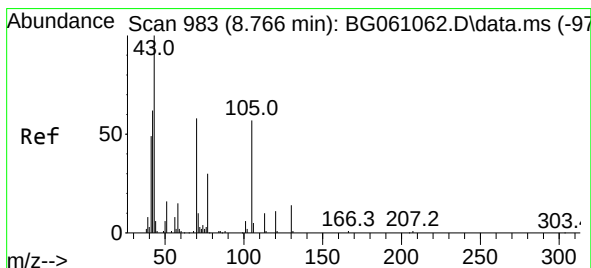
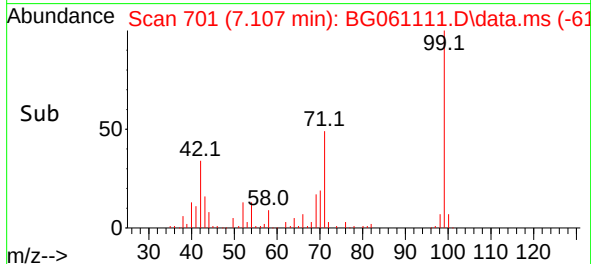
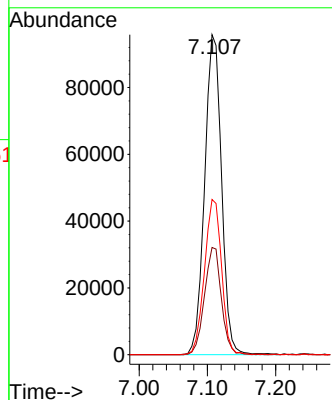
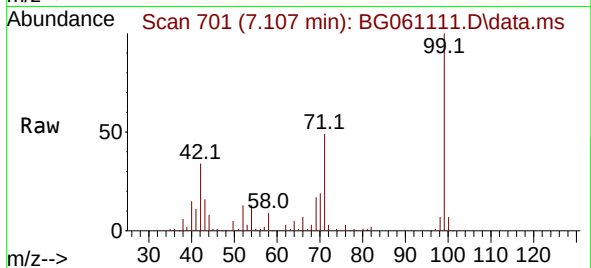




#7
Phenol-d6
Concen: 91.233 ng
RT: 7.107 min Scan# 705
Delta R.T. -0.026 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

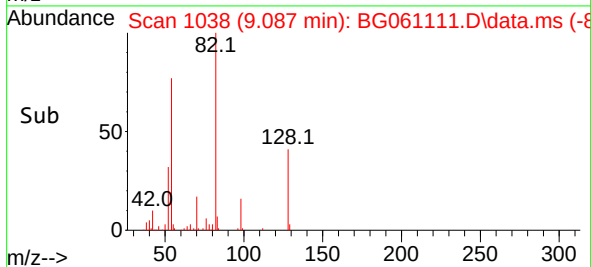
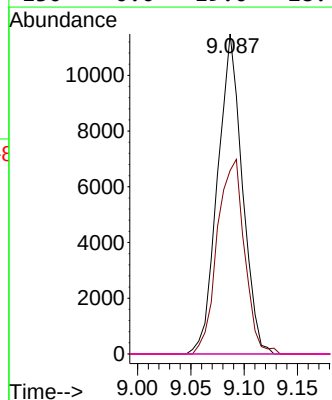
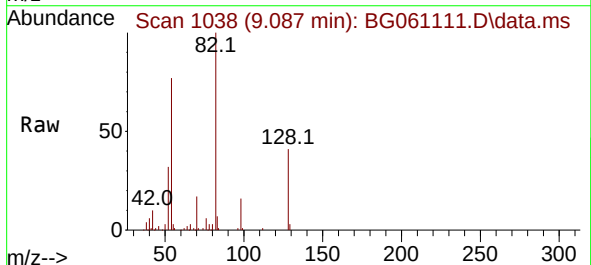
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-FOOTINGS

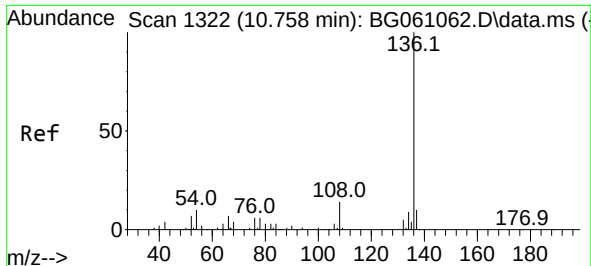
Tgt Ion: 99 Resp: 165207
Ion Ratio Lower Upper
99 100
42 33.5 29.2 43.8
71 48.5 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.646 ng
RT: 9.087 min Scan# 1038
Delta R.T. 0.320 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

Tgt Ion: 70 Resp: 18492
Ion Ratio Lower Upper
70 100
42 57.3 86.4 129.6#
101 0.0 7.8 11.8#
130 0.0 19.0 28.4#



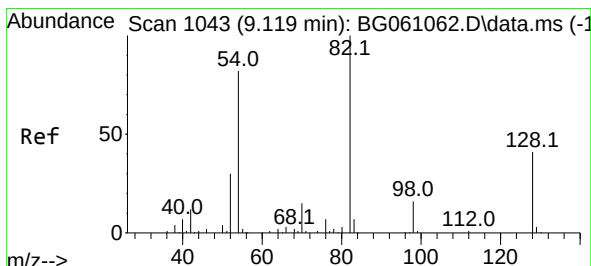
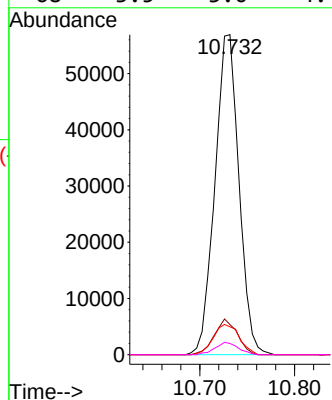
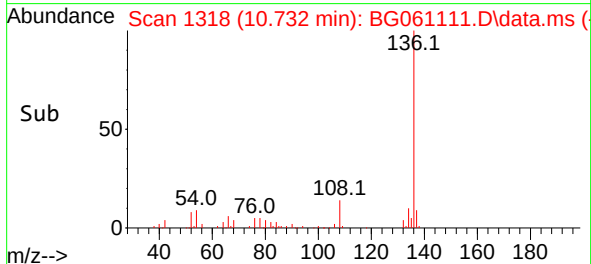
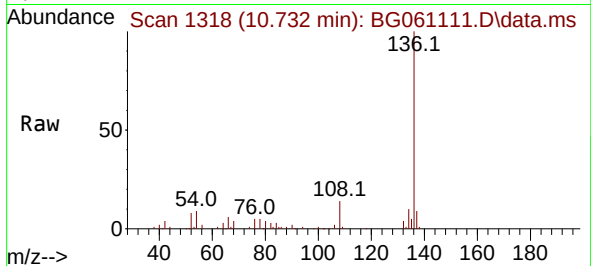


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-FOOTINGS

Tgt Ion:136 Resp: 100262

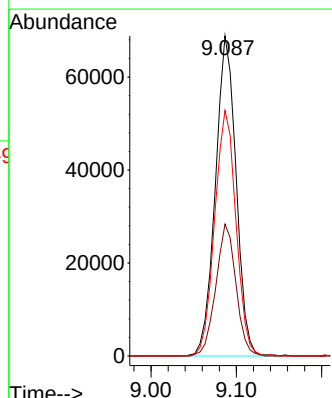
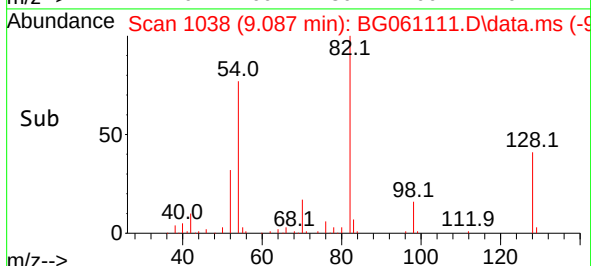
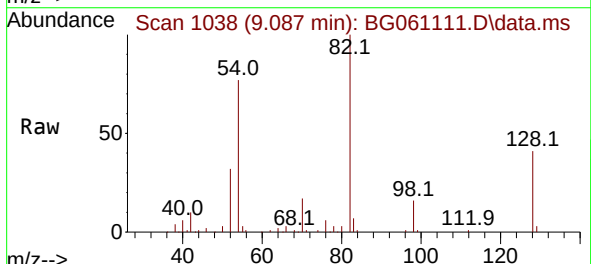
Ion	Ratio	Lower	Upper
136	100		
137	9.4	7.8	11.6
54	8.7	8.1	12.1
68	3.5	3.0	4.4

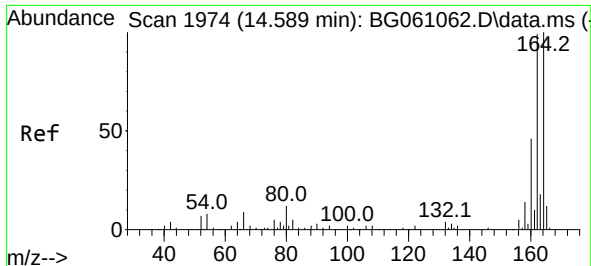


#23
Nitrobenzene-d5
Concen: 57.464 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.032 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

Tgt Ion: 82 Resp: 116224

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.7	49.1
54	76.7	65.6	98.4

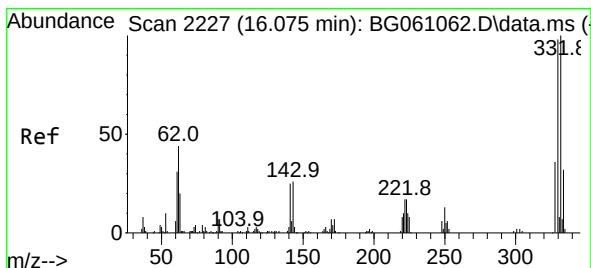
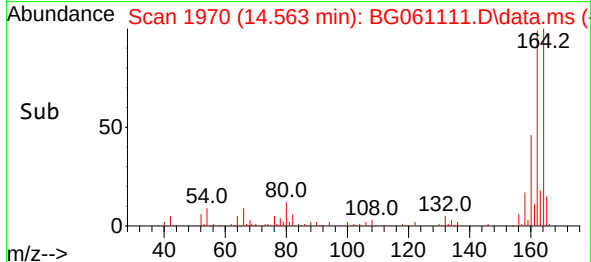
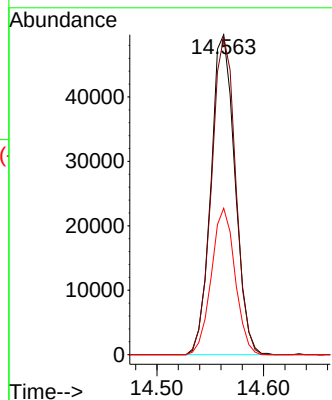
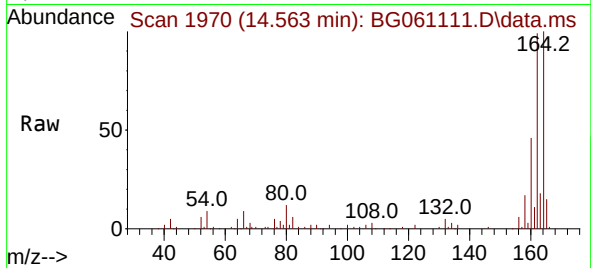




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1970
Delta R.T. -0.026 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

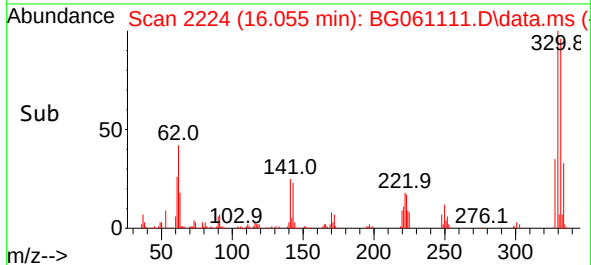
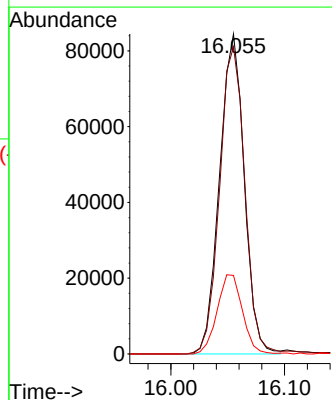
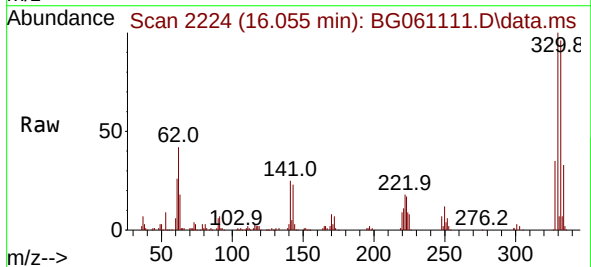
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-FOOTINGS

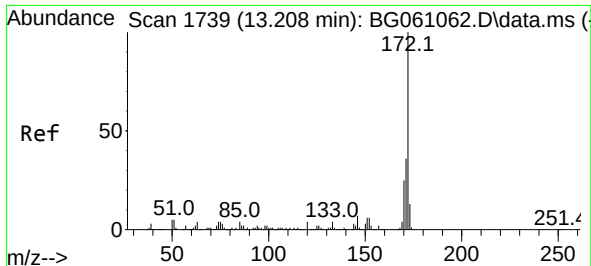
Tgt Ion:164 Resp: 77675
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 45.7 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 81.941 ng
RT: 16.055 min Scan# 2224
Delta R.T. -0.020 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

Tgt Ion:330 Resp: 127221
Ion Ratio Lower Upper
330 100
332 98.8 78.6 117.8
141 25.5 20.5 30.7

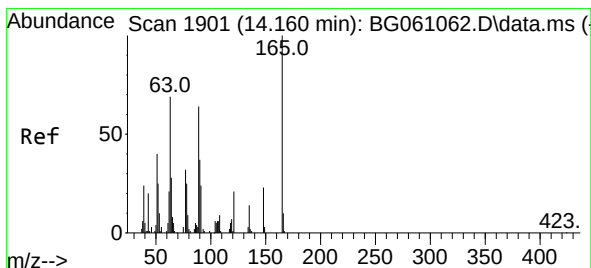
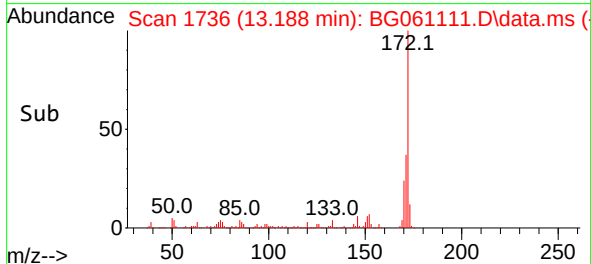
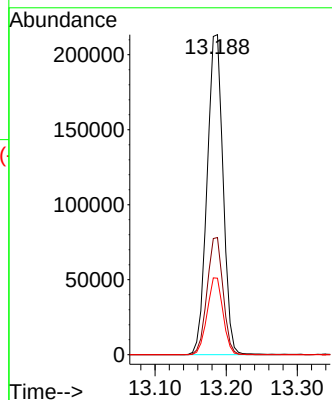
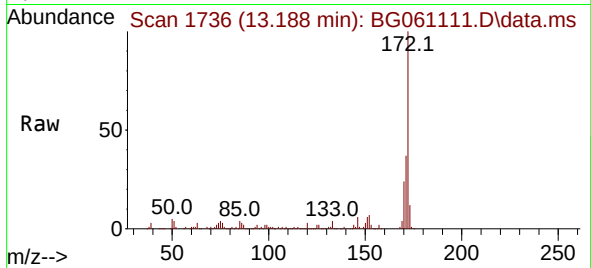




#45
2-Fluorobiphenyl
Concen: 63.447 ng
RT: 13.188 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

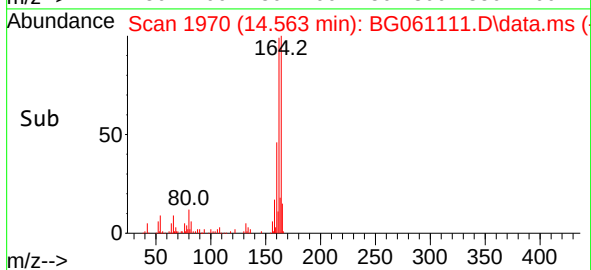
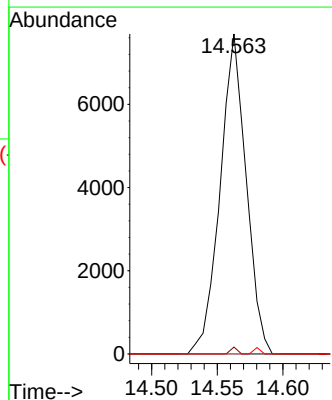
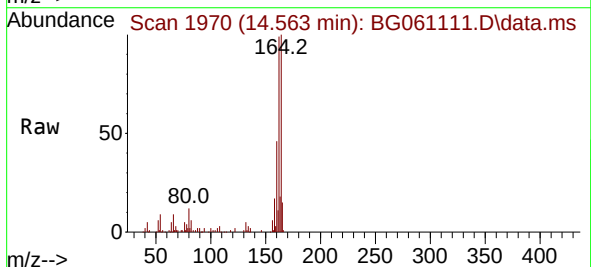
Instrument :
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ClientSampleId :
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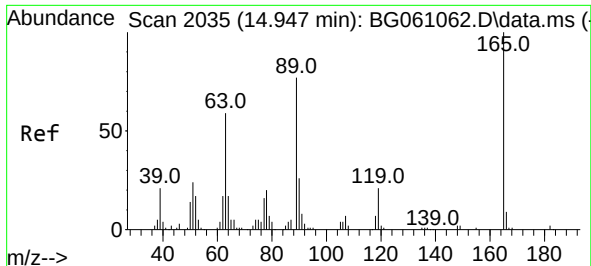
Tgt Ion:172 Resp: 333277
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 23.9 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.267 ng
RT: 14.563 min Scan# 1970
Delta R.T. 0.403 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

Tgt Ion:165 Resp: 10609
Ion Ratio Lower Upper
165 100
63 2.2 60.0 90.0#
89 0.0 50.9 76.3#

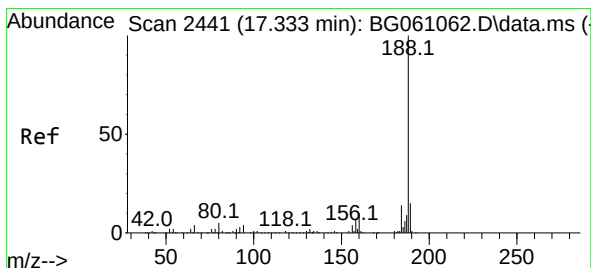
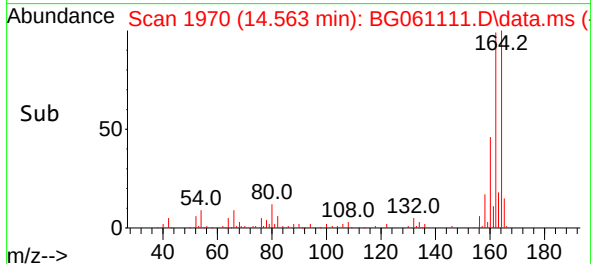
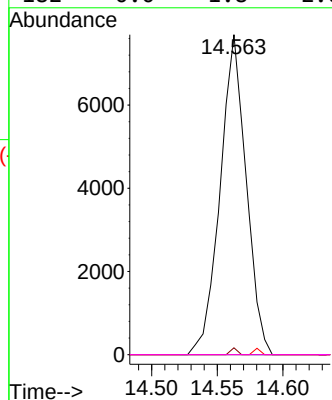
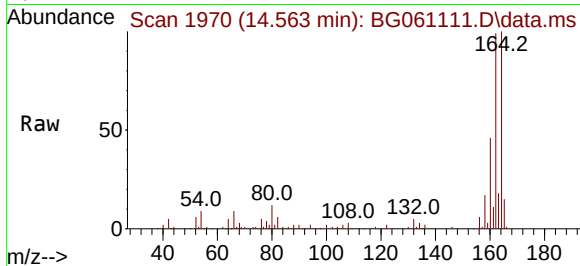




#57
2,4-Dinitrotoluene
Concen: 5.588 ng
RT: 14.563 min Scan# 14
Delta R.T. -0.385 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

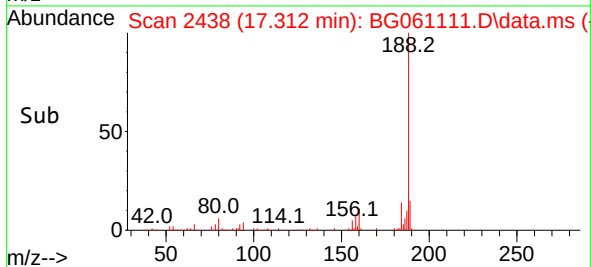
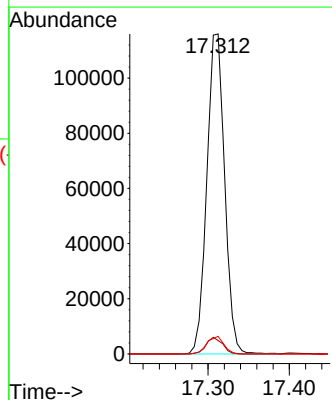
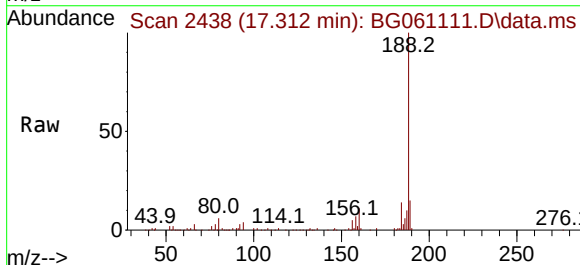
Instrument :
BNA_G
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OUTSIDE-FOOTINGS

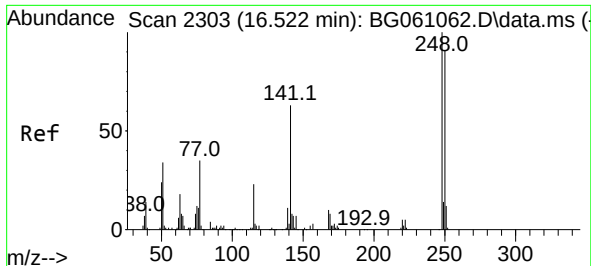
Tgt Ion:	165	Resp:	10609
Ion	Ratio	Lower	Upper
165	100		
63	2.2	47.3	70.9#
89	0.0	61.8	92.8#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2438
Delta R.T. -0.020 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

Tgt Ion:	188	Resp:	176366
Ion	Ratio	Lower	Upper
188	100		
94	4.2	3.6	5.4
80	5.5	4.2	6.2

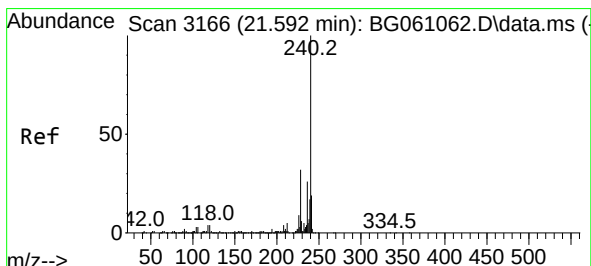
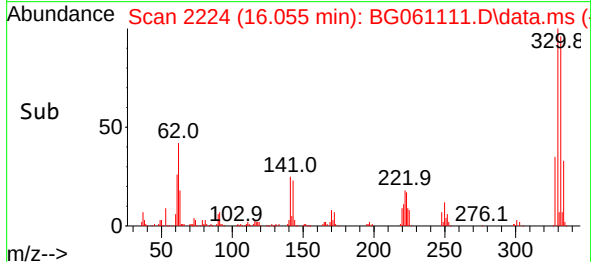
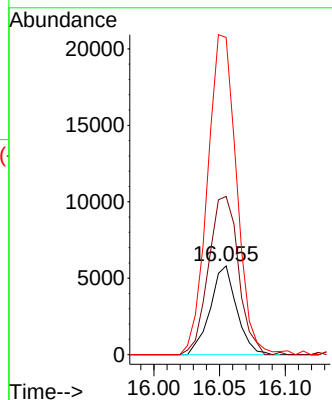
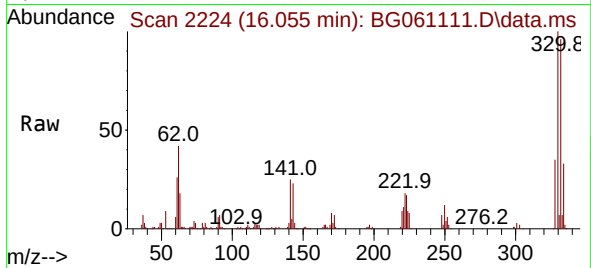




#67
4-Bromophenyl-phenylether
Concen: 3.918 ng
RT: 16.055 min Scan# 211
Delta R.T. -0.467 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

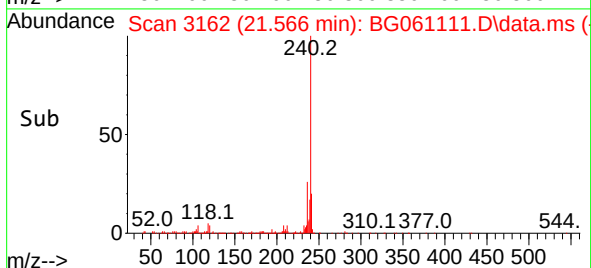
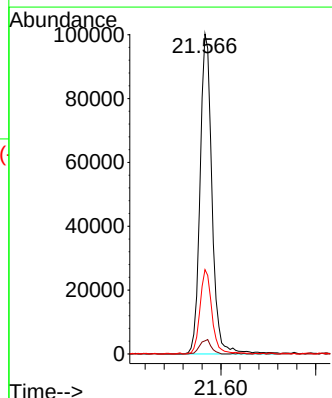
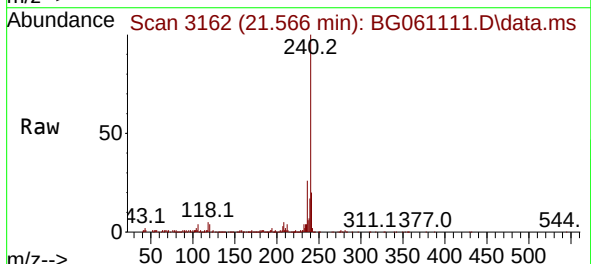
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-FOOTINGS

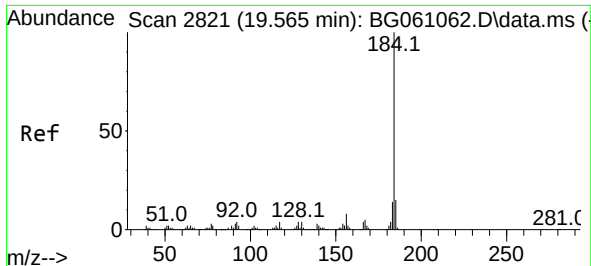
Tgt Ion:248 Resp: 8140
Ion Ratio Lower Upper
248 100
250 178.0 73.0 109.4#
141 357.1 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

Tgt Ion:240 Resp: 175076
Ion Ratio Lower Upper
240 100
120 4.1 3.2 4.8
236 26.3 21.0 31.6

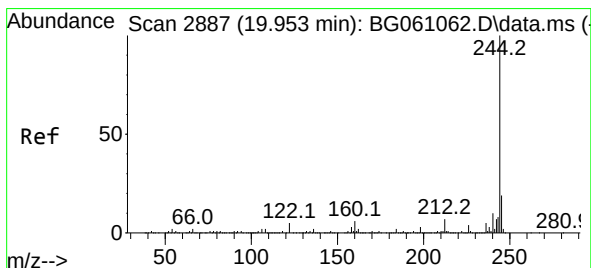
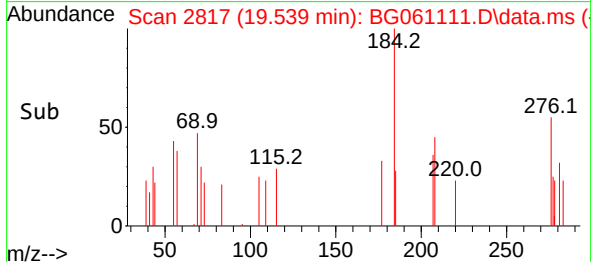
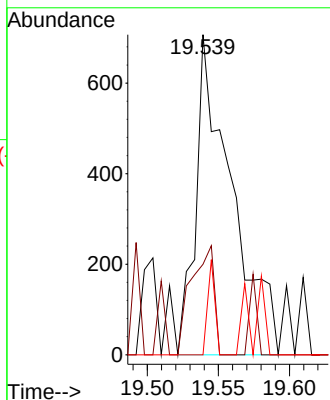
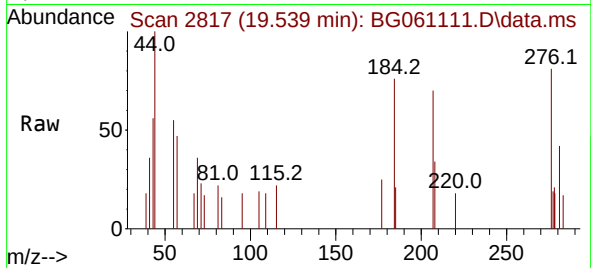




#77
Benzidine
Concen: 3.145 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.026 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

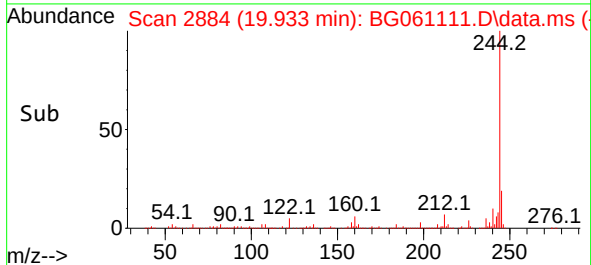
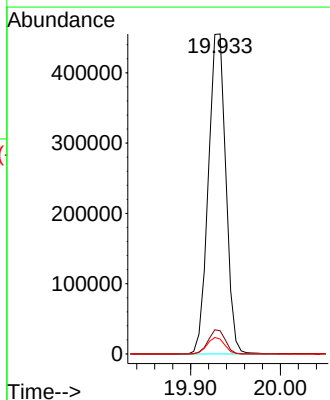
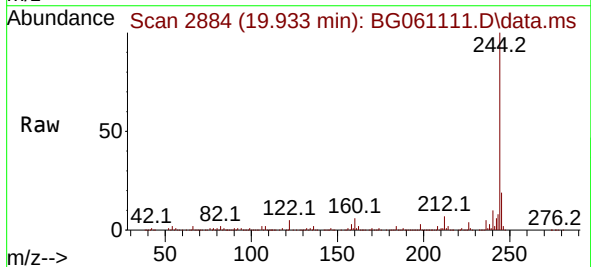
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-FOOTINGS

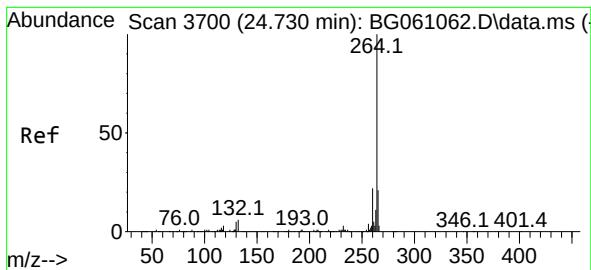
Tgt Ion:184 Resp: 1237
Ion Ratio Lower Upper
184 100
185 28.3 12.0 18.0#
183 0.0 10.9 16.3#



#79
Terphenyl-d14
Concen: 58.478 ng
RT: 19.933 min Scan# 2884
Delta R.T. -0.020 min
Lab File: BG061111.D
Acq: 3 May 2024 18:13

Tgt Ion:244 Resp: 615590
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 4.7 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.686 min Scan# 30
 Delta R.T. -0.044 min
 Lab File: BG061111.D
 Acq: 3 May 2024 18:13

Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-FOOTINGS

Tgt Ion:264 Resp: 157997
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.7 26.5
 265 22.0 16.4 24.6

