

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055788.D
 Acq On : 25 Nov 2022 20:03
 Operator : CG/JU
 Sample : N5747-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 00:29:03 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 24 06:05:02 2022
 Response via : Initial Calibration

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

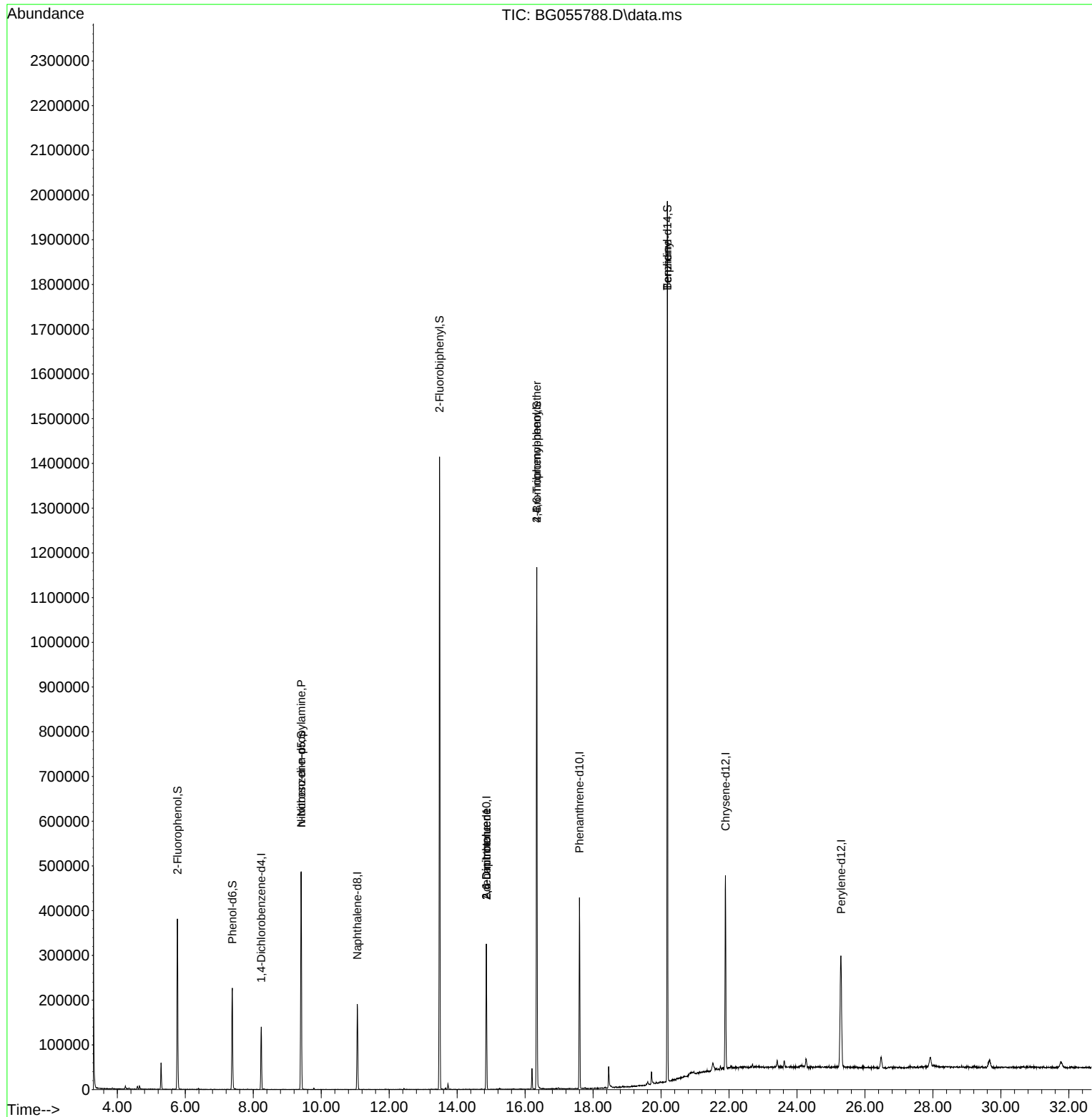
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	40374	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	166049	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	117656	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	279316	20.000	ng	0.00
76) Chrysene-d12	21.895	240	269403	20.000	ng	0.00
86) Perylene-d12	25.297	264	277174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	166674	74.619	ng	0.00
7) Phenol-d6	7.382	99	135061	45.424	ng	0.00
23) Nitrobenzene-d5	9.409	82	295436	94.040	ng	0.00
42) 2,4,6-Tribromophenol	16.342	330	241922	146.022	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	732127	93.223	ng	0.00
79) Terphenyl-d14	20.185	244	975927	72.456	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.409	70	39840	17.439	ng	Qvalue
51) 2,6-Dinitrotoluene	14.856	165	15149	7.899	ng	# 76
57) 2,4-Dinitrotoluene	14.856	165	15149	5.603	ng	# 24
67) 4-Bromophenyl-phenylether	16.342	248	15547	4.885	ng	# 22
77) Benzidine	20.185	184	15061	2.417	ng	# 1

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

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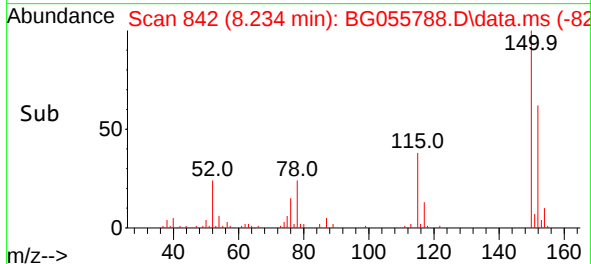
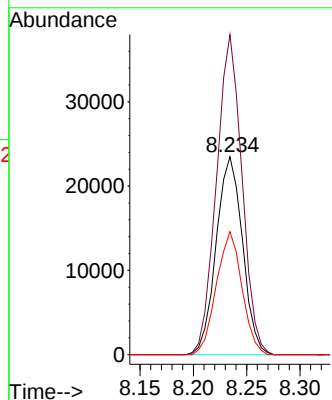
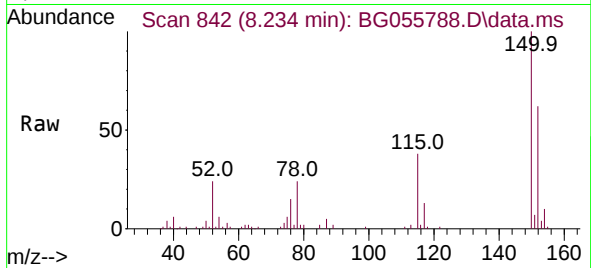




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

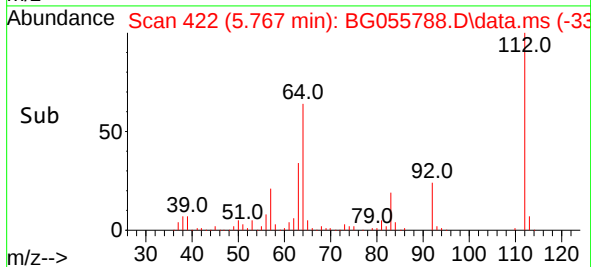
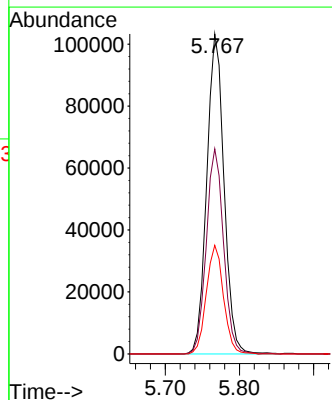
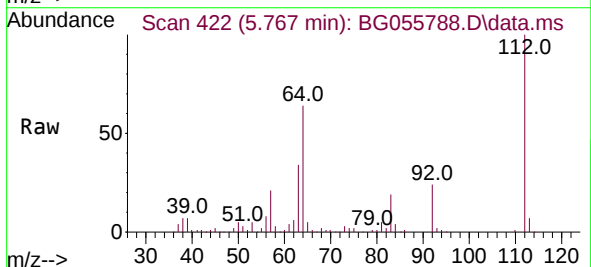
Instrument :
BNA_G
ClientSampleId :

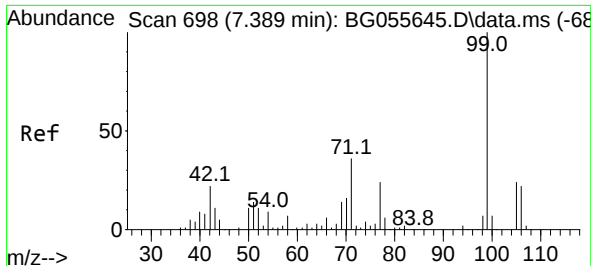
Tgt Ion:152 Resp: 40374
Ion Ratio Lower Upper
152 100
150 161.7 123.0 184.6
115 62.2 47.0 70.4



#5
2-Fluorophenol
Concen: 74.619 ng
RT: 5.767 min Scan# 422
Delta R.T. -0.001 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

Tgt Ion:112 Resp: 166674
Ion Ratio Lower Upper
112 100
64 64.1 50.6 76.0
63 33.9 27.5 41.3

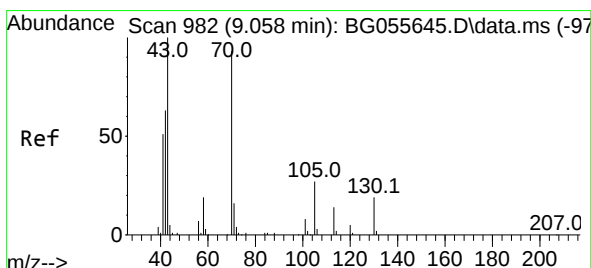
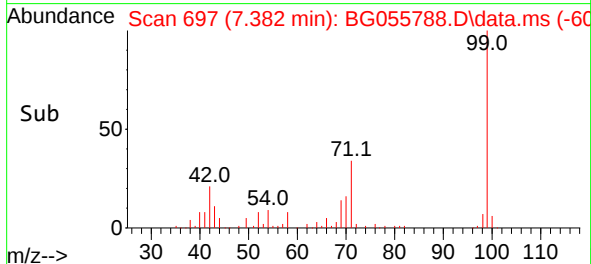
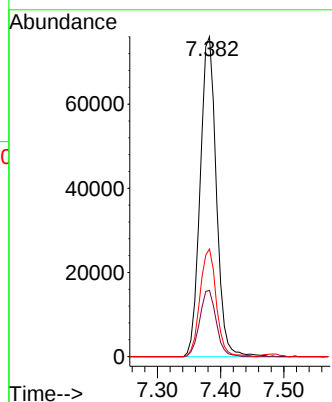
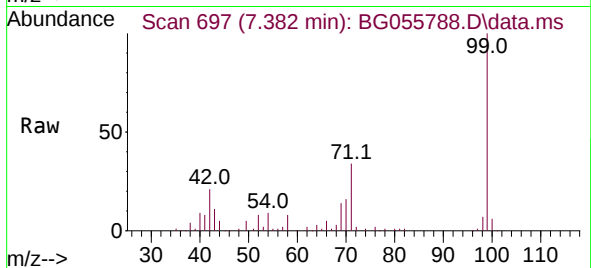




#7
Phenol-d6
Concen: 45.424 ng
RT: 7.382 min Scan# 69
Delta R.T. -0.001 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

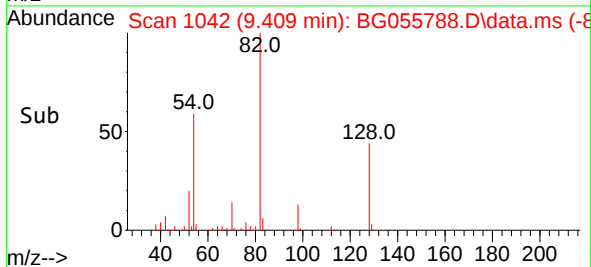
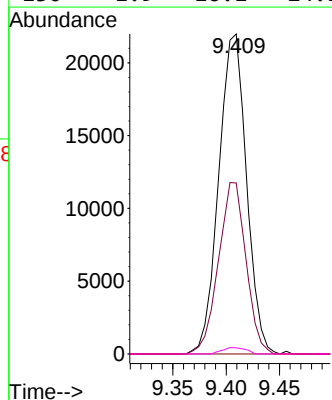
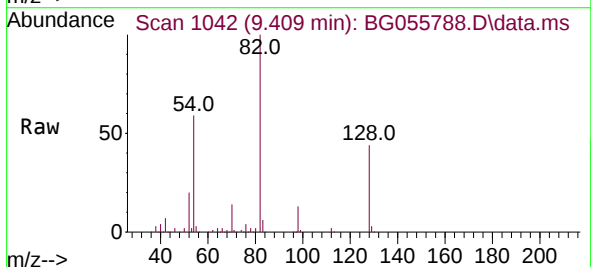
Instrument :
BNA_G
ClientSampleId :

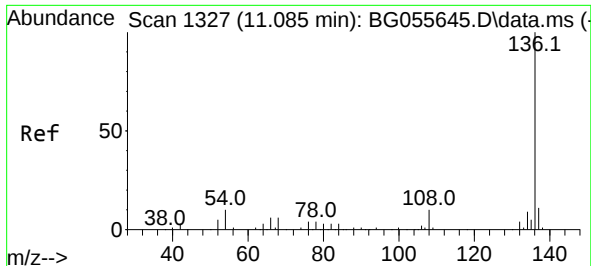
Tgt Ion: 99 Resp: 135061
Ion Ratio Lower Upper
99 100
42 20.7 18.0 27.0
71 33.6 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.439 ng
RT: 9.409 min Scan# 1042
Delta R.T. 0.363 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

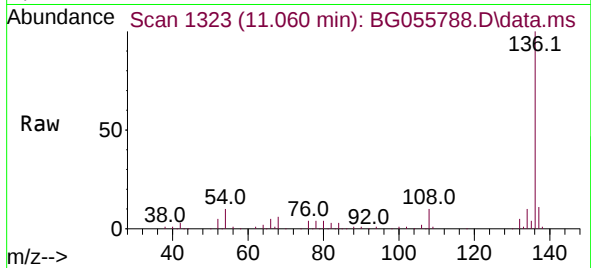
Tgt Ion: 70 Resp: 39840
Ion Ratio Lower Upper
70 100
42 53.4 55.2 82.8#
101 0.0 7.1 10.7#
130 1.9 16.1 24.1#



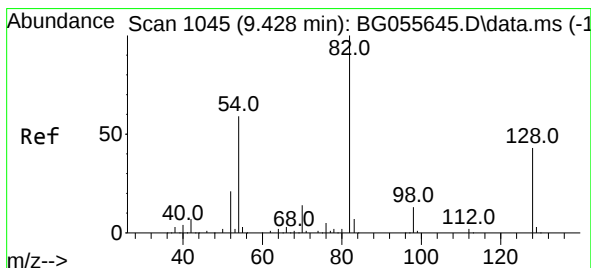
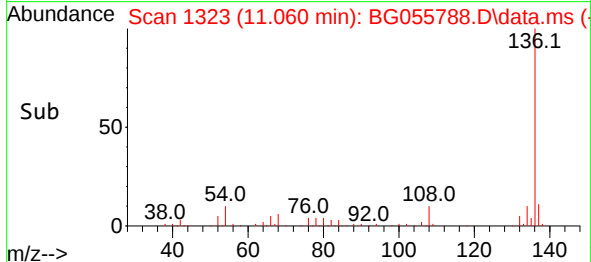
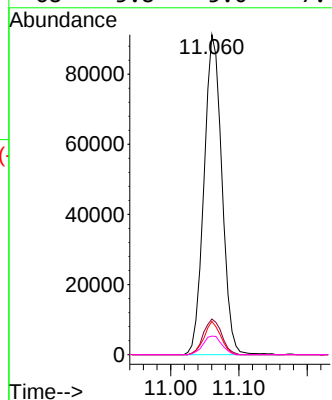


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1327
Delta R.T. -0.007 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

Instrument :
BNA_G
ClientSampleId :

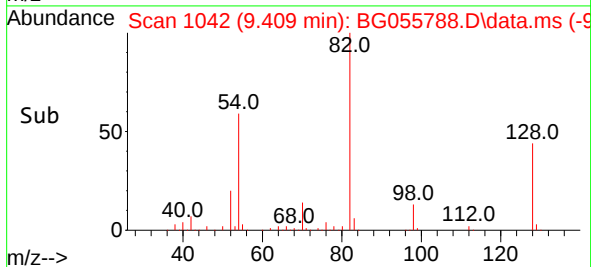
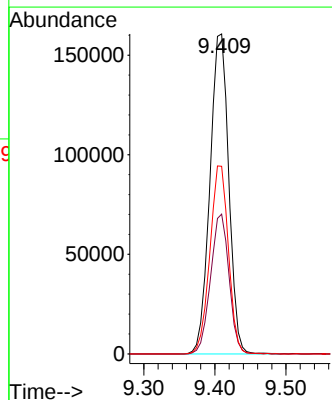
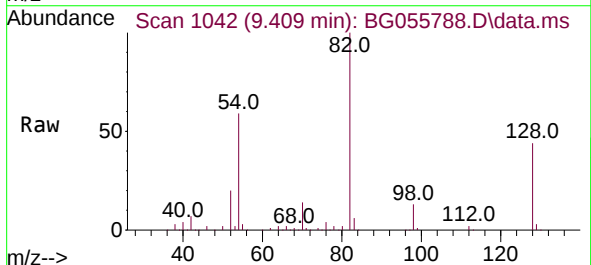


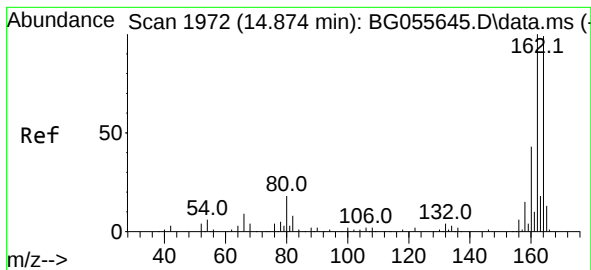
Tgt Ion:	136	Resp:	166049
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	10.4	7.8	11.6
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 94.040 ng
RT: 9.409 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

Tgt Ion:	82	Resp:	295436
Ion Ratio	Lower	Upper	
82	100		
128	43.7	34.1	51.1
54	58.6	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.856 min Scan# 1972

Delta R.T. -0.007 min

Lab File: BG055788.D

Acq: 25 Nov 2022 20:03

Instrument :

BNA_G

ClientSampleId :

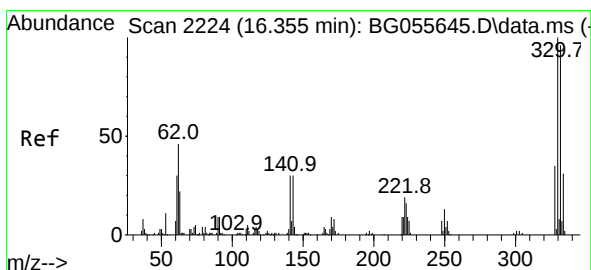
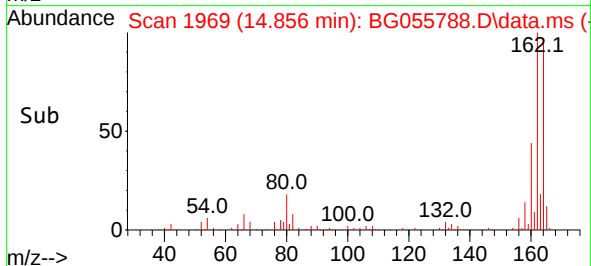
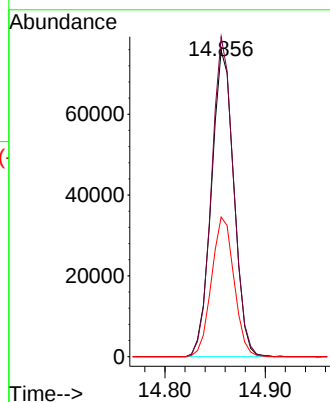
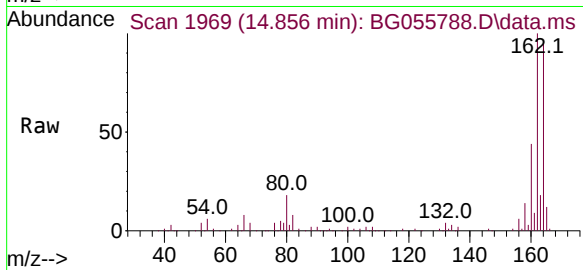
Tgt Ion:164 Resp: 117656

Ion Ratio Lower Upper

164 100

162 104.5 81.1 121.7

160 45.6 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 146.022 ng

RT: 16.342 min Scan# 2222

Delta R.T. -0.007 min

Lab File: BG055788.D

Acq: 25 Nov 2022 20:03

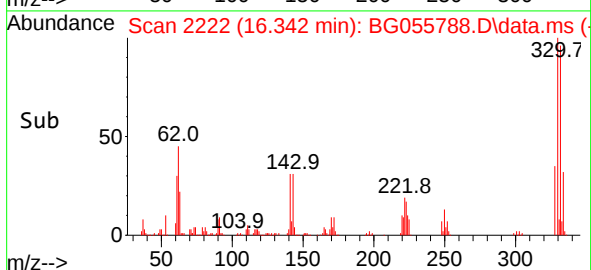
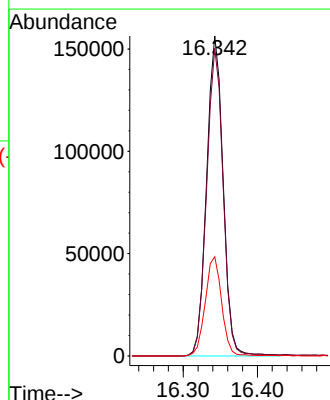
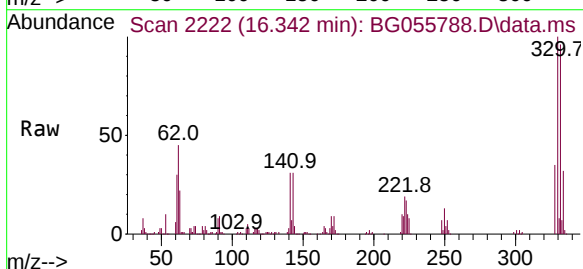
Tgt Ion:330 Resp: 241922

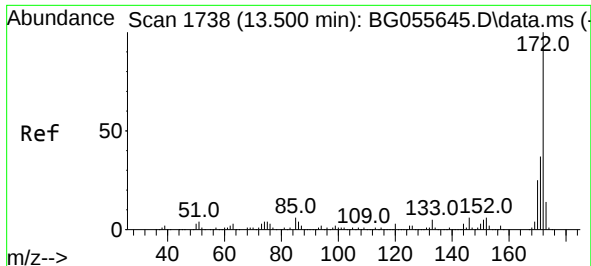
Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.8

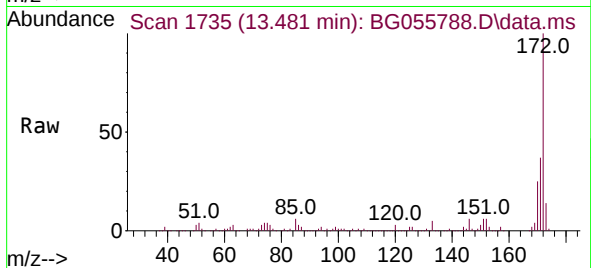
141 31.0 23.9 35.9



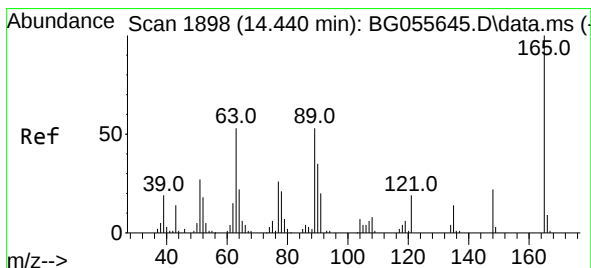
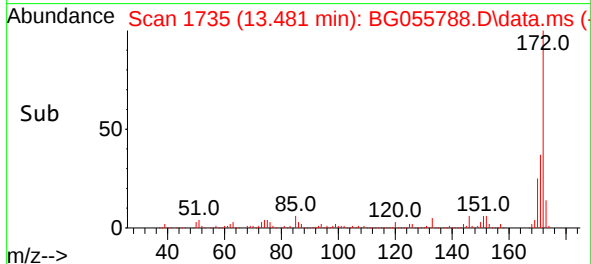
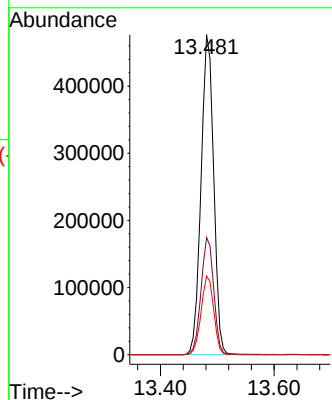


#45
2-Fluorobiphenyl
Concen: 93.223 ng
RT: 13.481 min Scan# 1735
Delta R.T. -0.007 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

Instrument :
BNA_G
ClientSampleId :

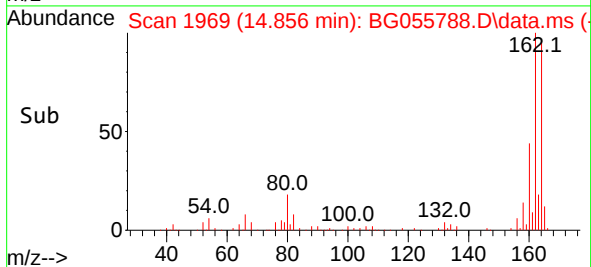
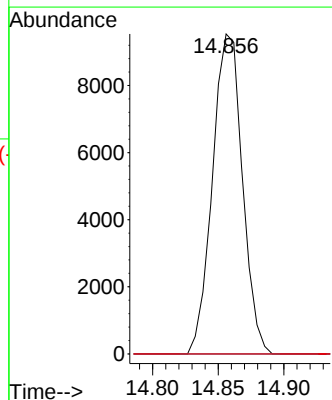
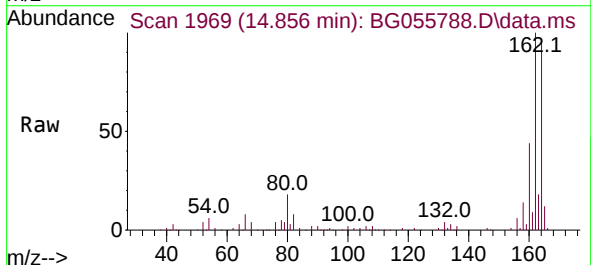


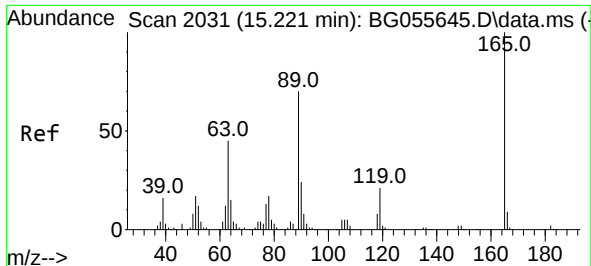
Tgt Ion:172 Resp: 732127
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.899 ng
RT: 14.856 min Scan# 1969
Delta R.T. 0.422 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

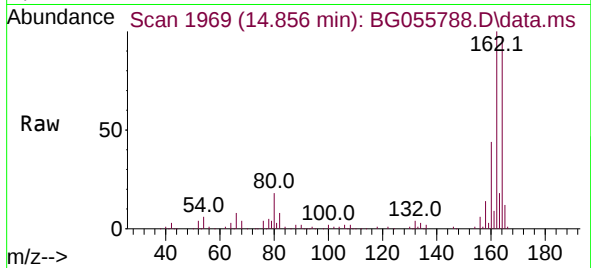
Tgt Ion:165 Resp: 15149
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#



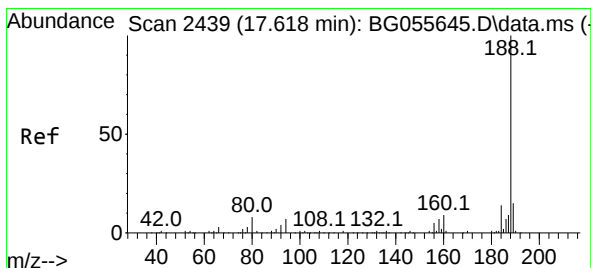
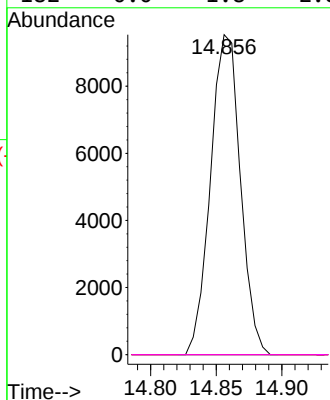
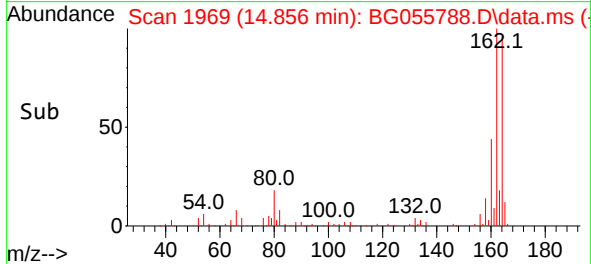


#57
2,4-Dinitrotoluene
Concen: 5.603 ng
RT: 14.856 min Scan# 1969
Delta R.T. -0.360 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

Instrument :
BNA_G
ClientSampleId :

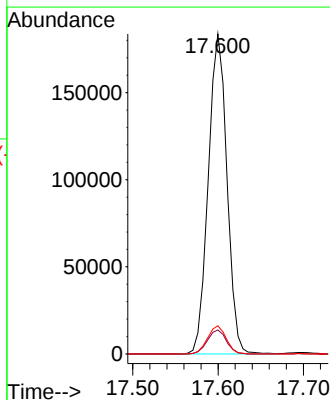
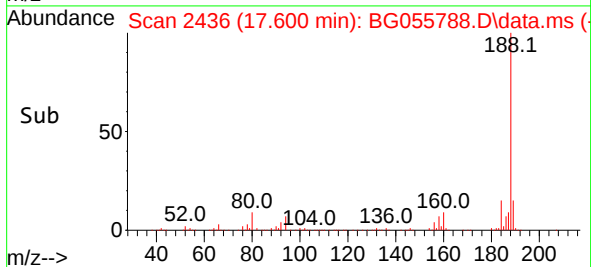
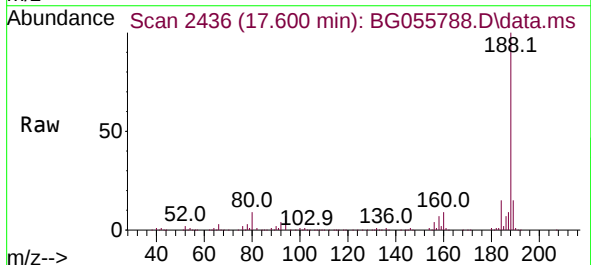


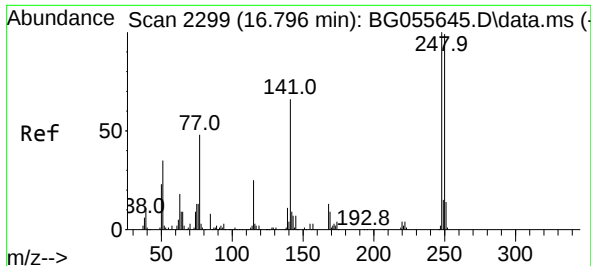
Tgt Ion:165 Resp: 15149
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

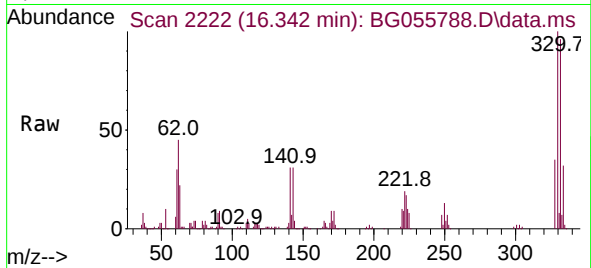
Tgt Ion:188 Resp: 279316
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.2
80 8.8 6.6 10.0



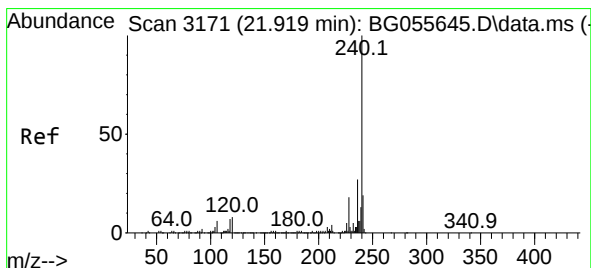
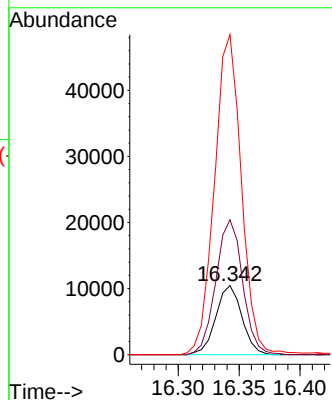
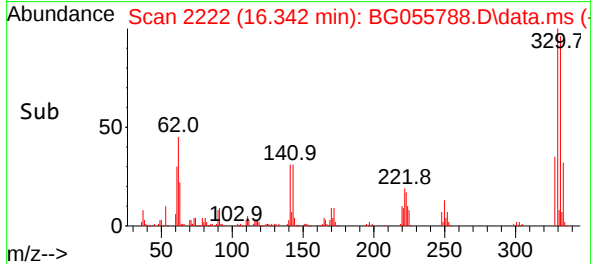


#67
4-Bromophenyl-phenylether
Concen: 4.885 ng
RT: 16.342 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

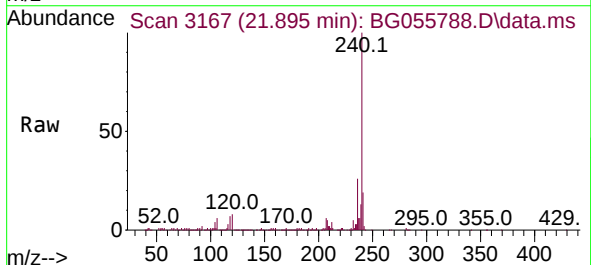
Instrument :
BNA_G
ClientSampleId :



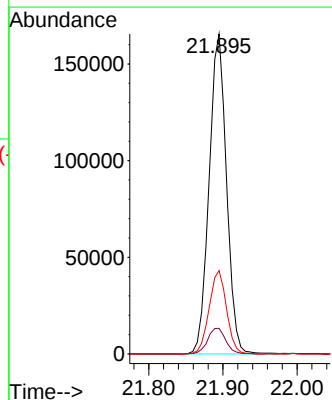
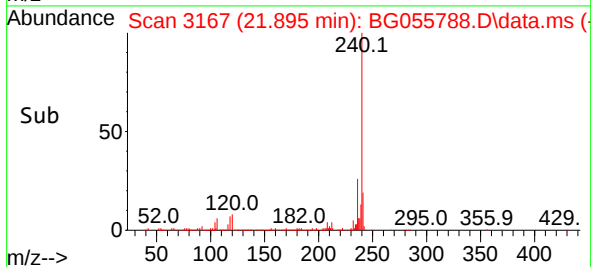
Tgt Ion:248 Resp: 15547
Ion Ratio Lower Upper
248 100
250 195.1 79.0 118.4#
141 462.9 52.9 79.3#

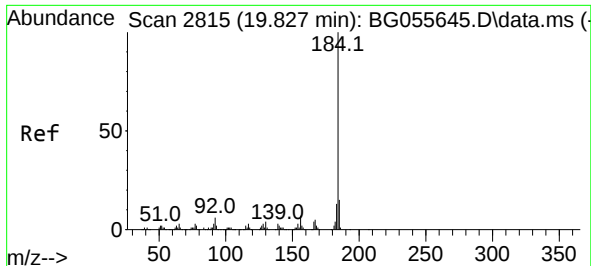


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03



Tgt Ion:240 Resp: 269403
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.0 21.9 32.9

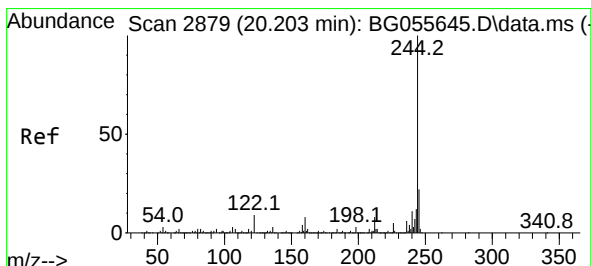
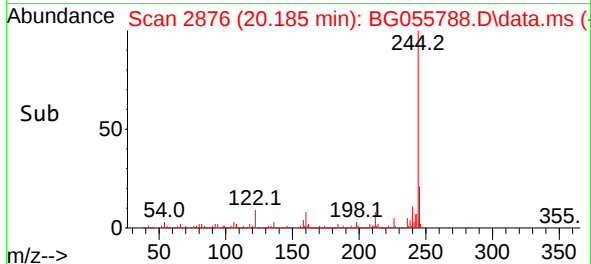
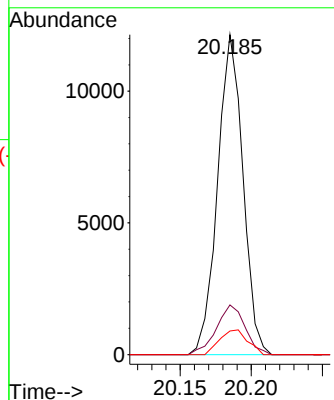
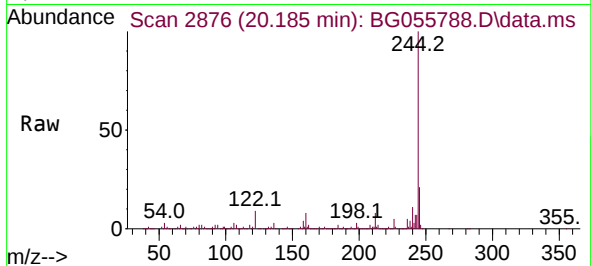




#77
Benzidine
Concen: 2.417 ng
RT: 20.185 min Scan# 2815
Delta R.T. 0.369 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

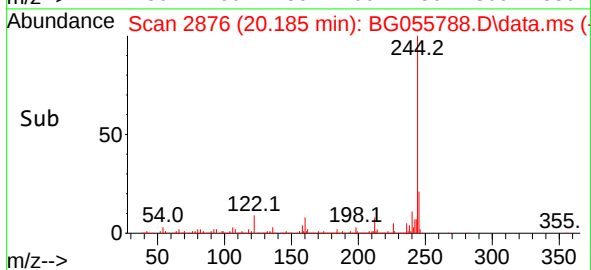
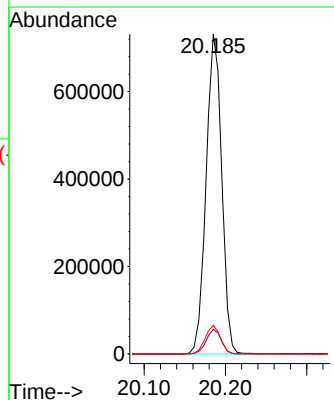
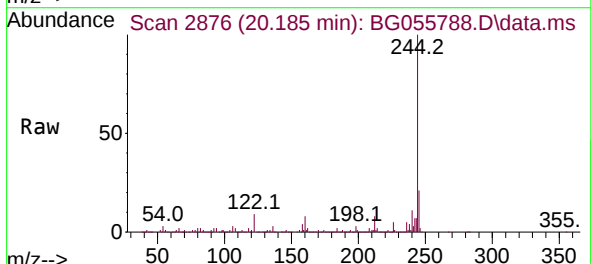
Instrument :
BNA_G
ClientSampleId :

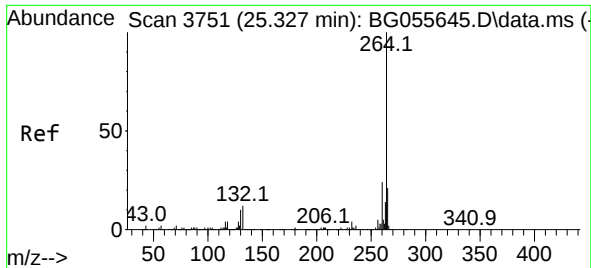
Tgt Ion:184 Resp: 15061
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 7.4 10.6 15.8#



#79
Terphenyl-d14
Concen: 72.456 ng
RT: 20.185 min Scan# 2876
Delta R.T. -0.007 min
Lab File: BG055788.D
Acq: 25 Nov 2022 20:03

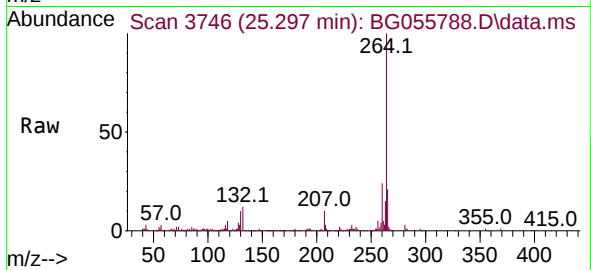
Tgt Ion:244 Resp: 975927
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.9 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.297 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: BG055788.D
 Acq: 25 Nov 2022 20:03

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 277174
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.0 17.1 25.7

