

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055786.D
 Acq On : 25 Nov 2022 18:40
 Operator : CG/JU
 Sample : N5741-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-23

Quant Time: Nov 26 00:28:23 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)

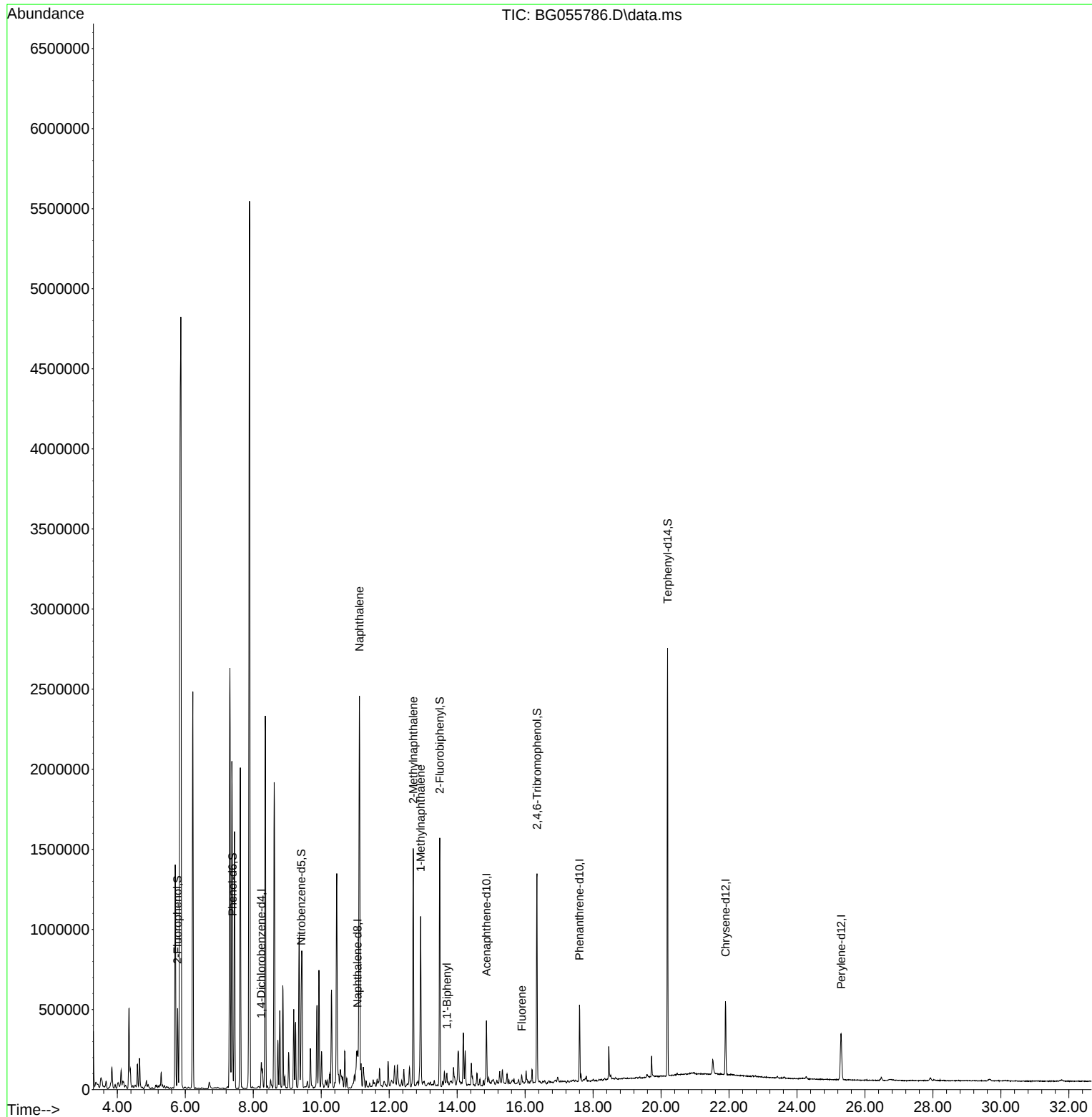
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	47650	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	188125	20.000	ng	0.00
39) Acenaphthene-d10	14.862	164	136817	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	303959	20.000	ng	0.00
76) Chrysene-d12	21.895	240	302601	20.000	ng	0.00
86) Perylene-d12	25.297	264	312220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	214391	81.325	ng	0.00
7) Phenol-d6	7.388	99	189695	54.056	ng	0.00
23) Nitrobenzene-d5	9.410	82	331078	93.018	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	279927	145.299	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	811058	88.810	ng	0.00
79) Terphenyl-d14	20.191	244	1323906	87.507	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	11.125	128	2026040	199.222	ng	95
37) 2-Methylnaphthalene	12.706	142	737138	96.807	ng	99
38) 1-Methylnaphthalene	12.923	142	494357	66.877	ng	100
46) 1,1'-Biphenyl	13.699	154	37697	3.781	ng	97
58) Fluorene	15.902	166	23405	2.278	ng	96

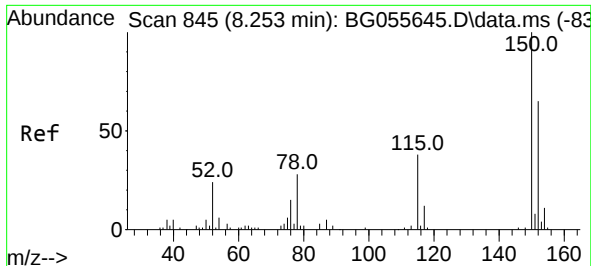
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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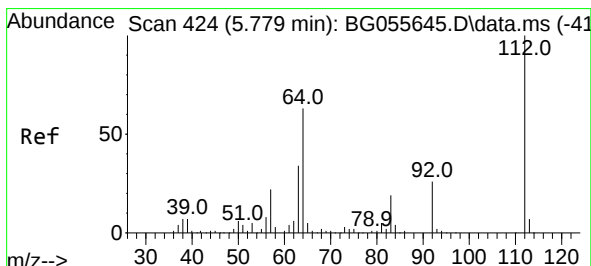
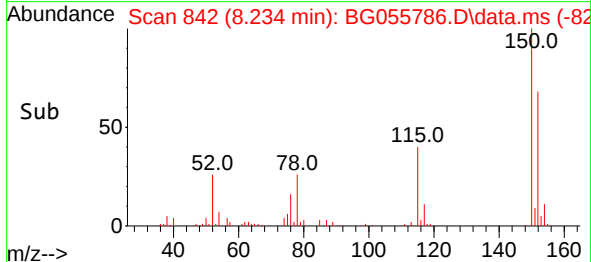
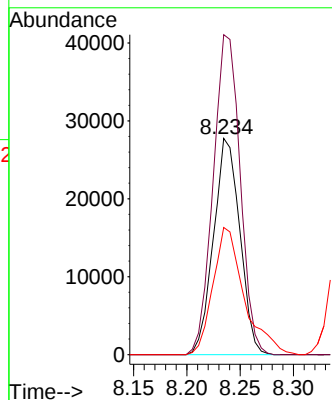
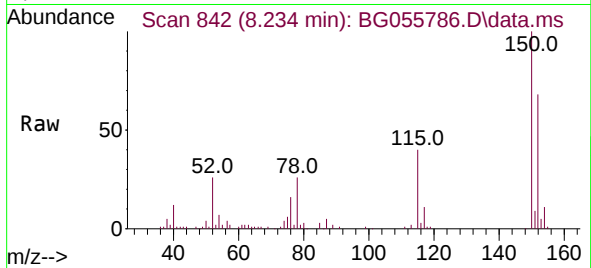




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

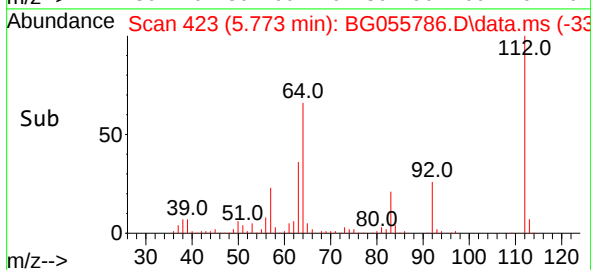
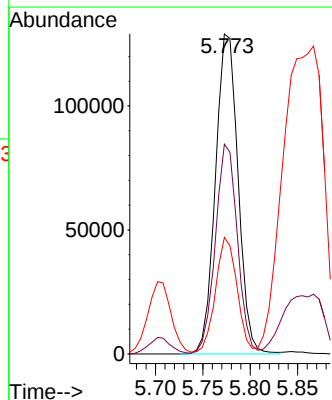
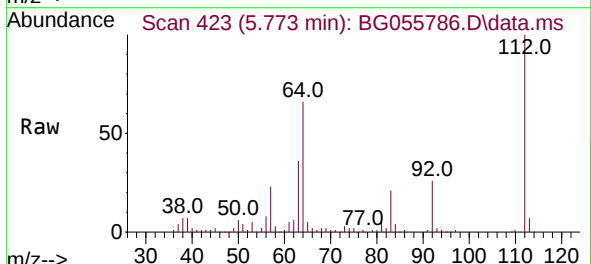
Instrument :
BNA_G
ClientSampleId :
MW-23

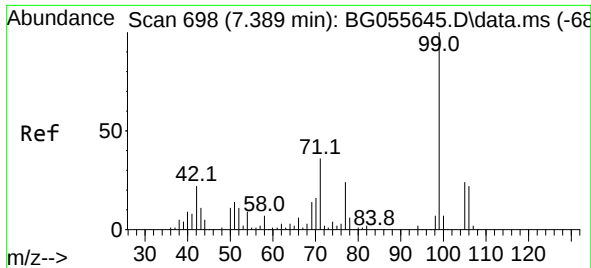
Tgt Ion:152 Resp: 47650
Ion Ratio Lower Upper
152 100
150 147.9 123.0 184.6
115 58.8 47.0 70.4



#5
2-Fluorophenol
Concen: 81.325 ng
RT: 5.773 min Scan# 423
Delta R.T. 0.005 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

Tgt Ion:112 Resp: 214391
Ion Ratio Lower Upper
112 100
64 65.5 50.6 76.0
63 36.4 27.5 41.3

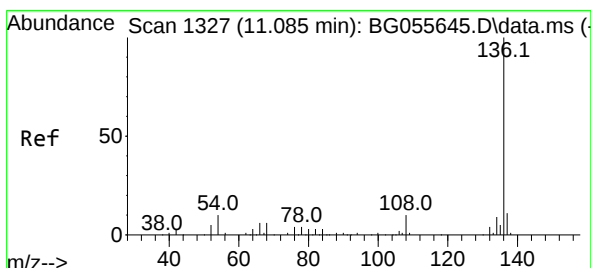
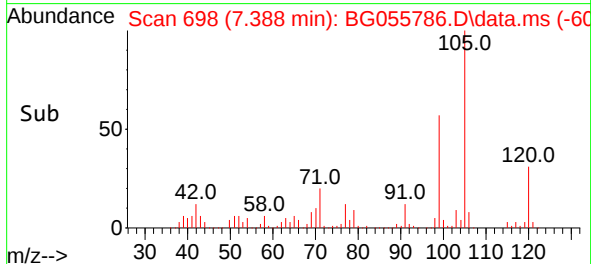
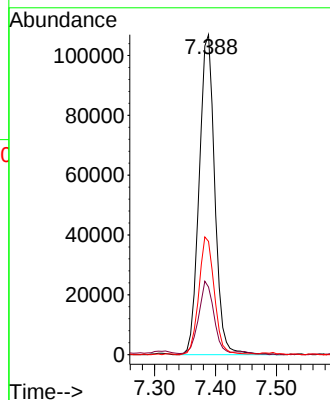
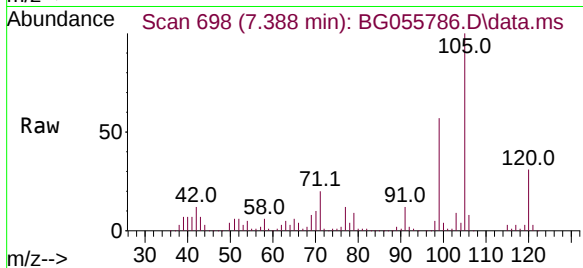




#7
Phenol-d6
Concen: 54.056 ng
RT: 7.388 min Scan# 69
Delta R.T. 0.005 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

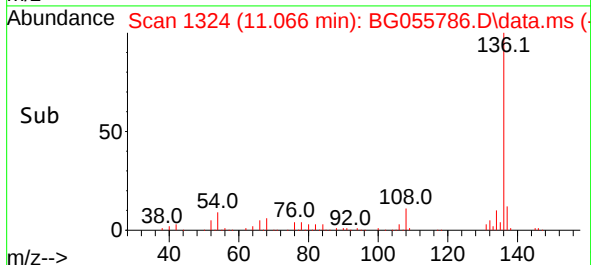
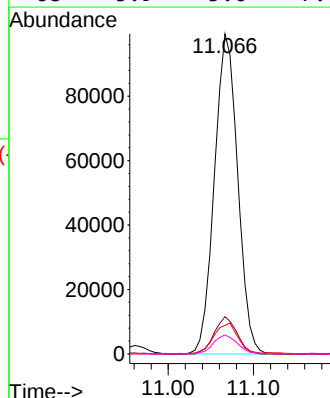
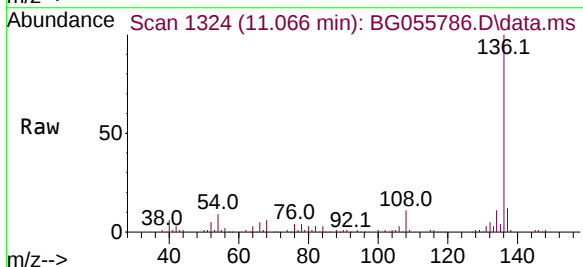
Instrument :
BNA_G
ClientSampleId :
MW-23

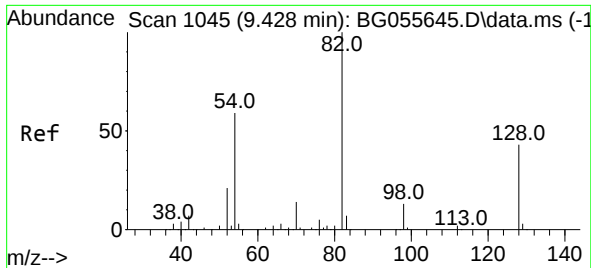
Tgt Ion: 99 Resp: 189695
Ion Ratio Lower Upper
99 100
42 21.1 18.0 27.0
71 35.4 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1324
Delta R.T. -0.001 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

Tgt Ion:136 Resp: 188125
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 8.9 7.8 11.6
68 5.9 5.0 7.4

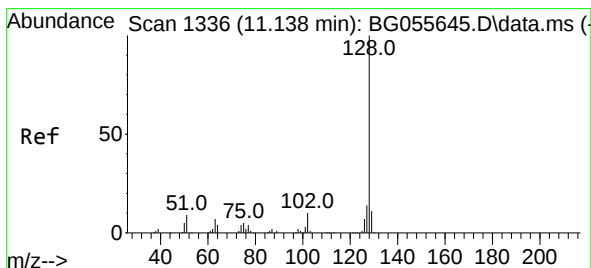
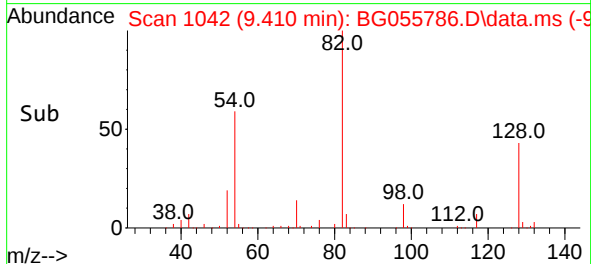
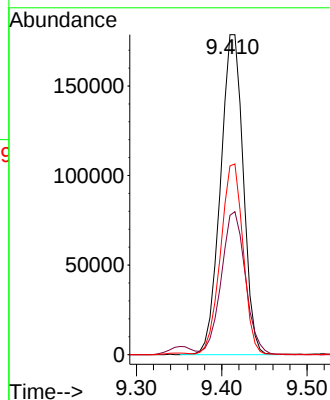
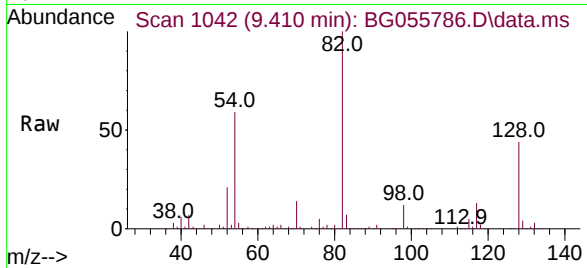




#23
Nitrobenzene-d5
Concen: 93.018 ng
RT: 9.410 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

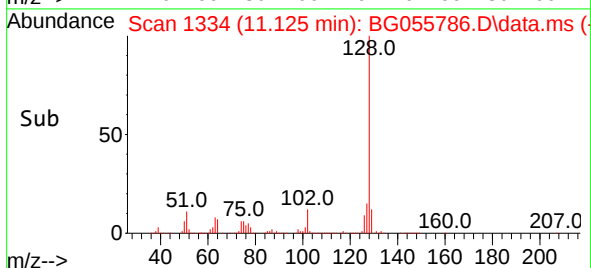
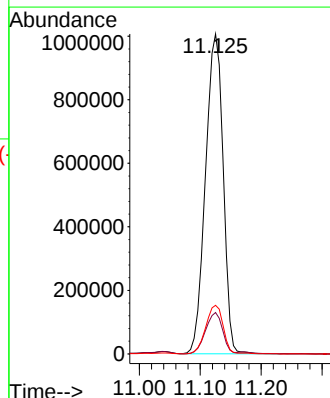
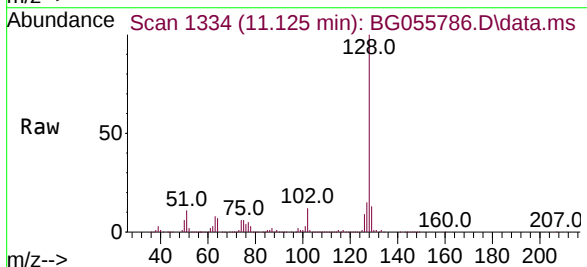
Instrument :
BNA_G
ClientSampleId :
MW-23

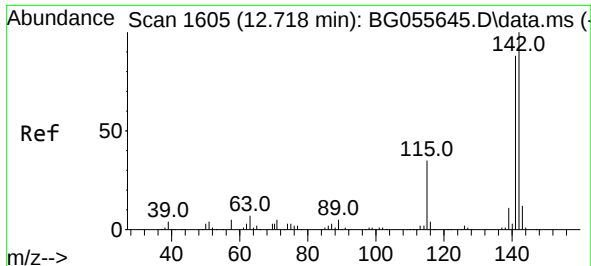
Tgt Ion: 82 Resp: 331078
Ion Ratio Lower Upper
82 100
128 43.5 34.1 51.1
54 59.0 47.3 70.9



#31
Naphthalene
Concen: 199.222 ng
RT: 11.125 min Scan# 1334
Delta R.T. 0.005 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

Tgt Ion:128 Resp: 2026040
Ion Ratio Lower Upper
128 100
129 12.9 8.7 13.1
127 15.2 10.9 16.3

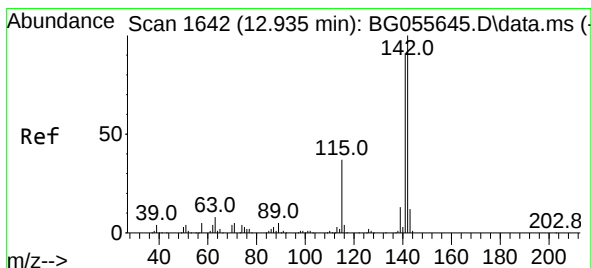
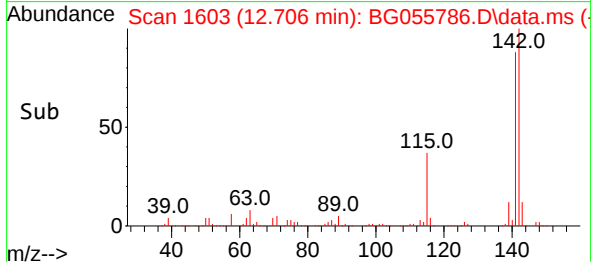
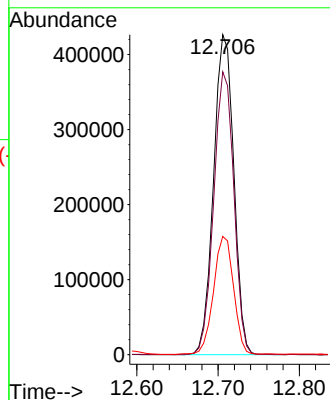
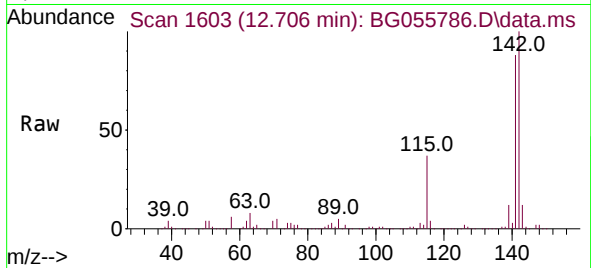




#37
2-Methylnaphthalene
Concen: 96.807 ng
RT: 12.706 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

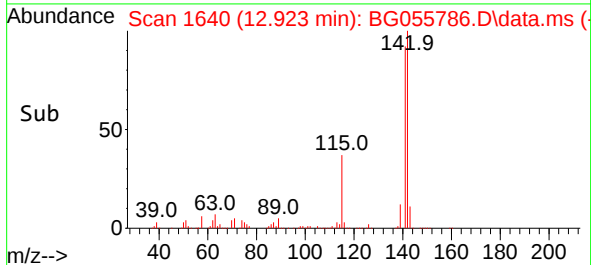
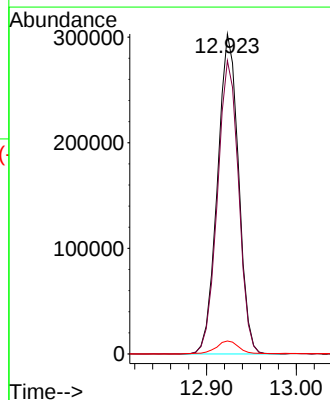
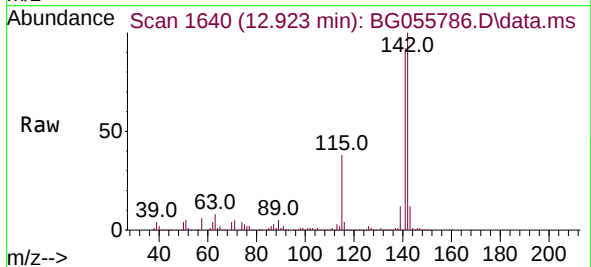
Instrument :
BNA_G
ClientSampleId :
MW-23

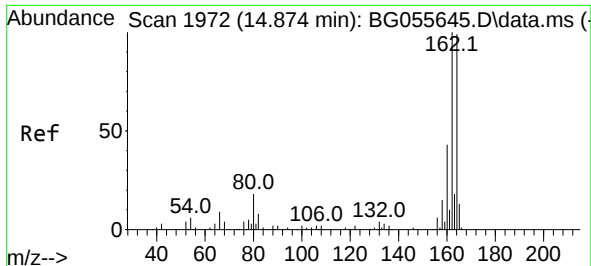
Tgt Ion:142 Resp: 737138
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 36.9 27.9 41.9



#38
1-Methylnaphthalene
Concen: 66.877 ng
RT: 12.923 min Scan# 1640
Delta R.T. -0.001 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

Tgt Ion:142 Resp: 494357
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4
116 4.0 3.1 4.7

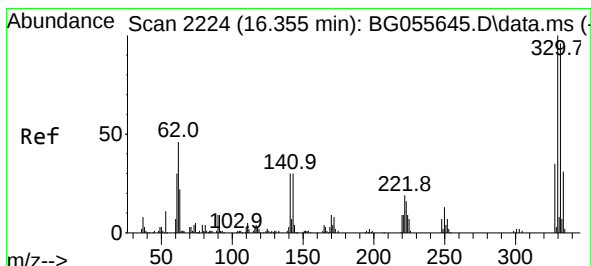
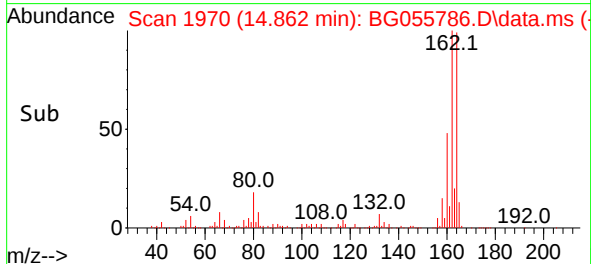
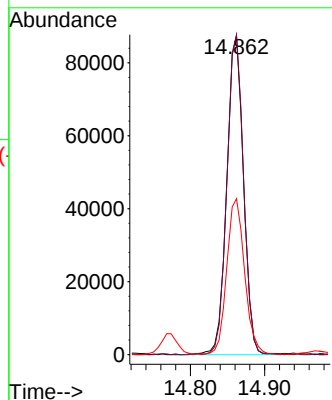
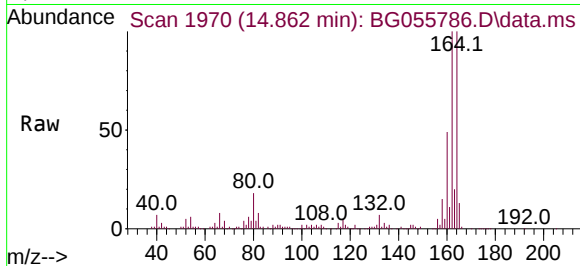




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.862 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

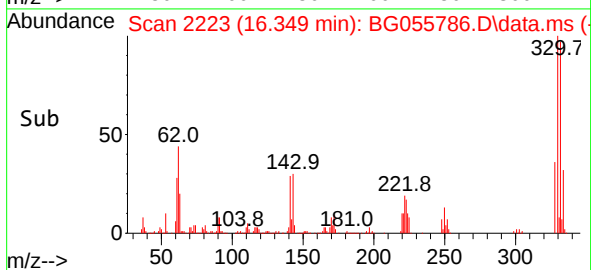
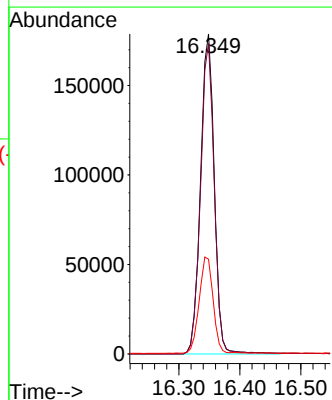
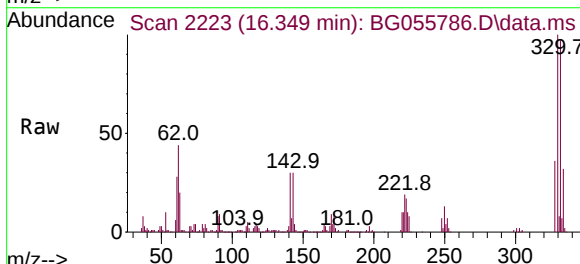
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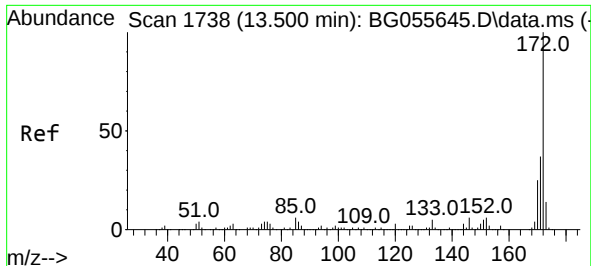
Tgt Ion:164 Resp: 136817
Ion Ratio Lower Upper
164 100
162 100.3 81.1 121.7
160 48.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 145.299 ng
RT: 16.349 min Scan# 2223
Delta R.T. -0.001 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

Tgt Ion:330 Resp: 279927
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 30.7 23.9 35.9

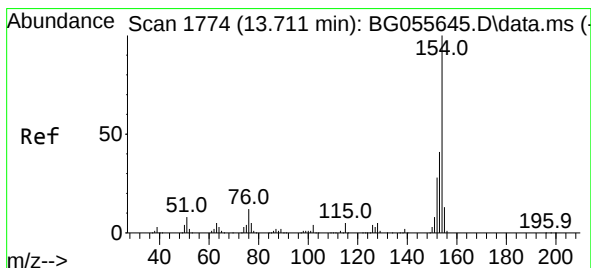
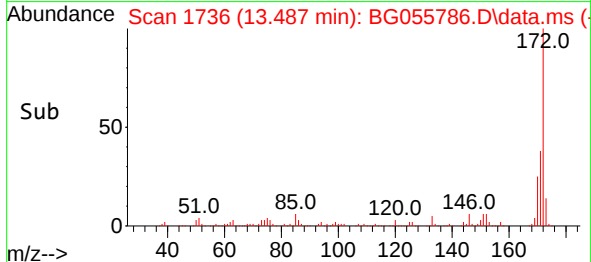
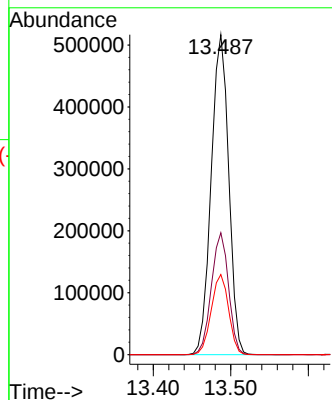
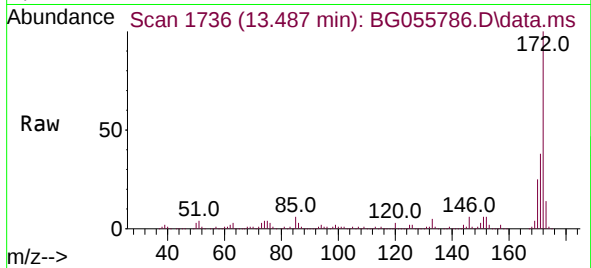




#45
2-Fluorobiphenyl
Concen: 88.810 ng
RT: 13.487 min Scan# 1736
Delta R.T. -0.001 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

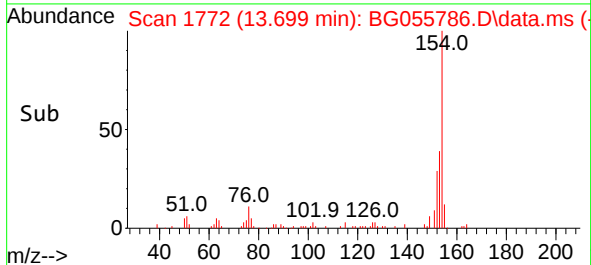
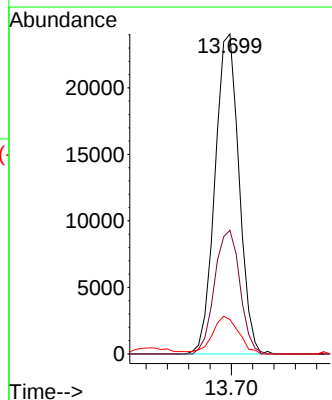
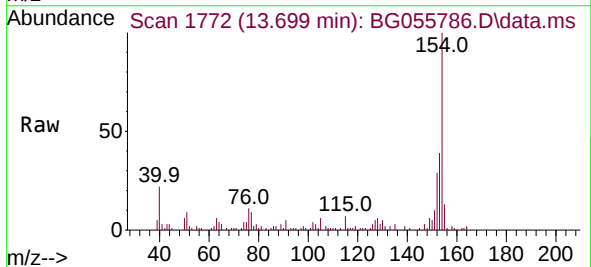
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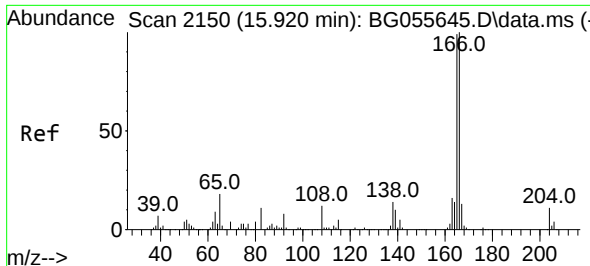
Tgt Ion:172 Resp: 811058
Ion Ratio Lower Upper
172 100
171 38.1 29.8 44.6
170 25.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 3.781 ng
RT: 13.699 min Scan# 1772
Delta R.T. -0.001 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

Tgt Ion:154 Resp: 37697
Ion Ratio Lower Upper
154 100
153 38.6 20.6 60.6
76 10.7 0.0 32.4

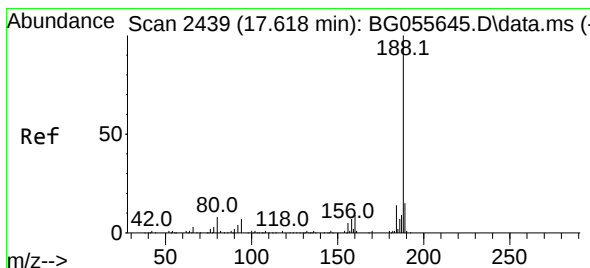
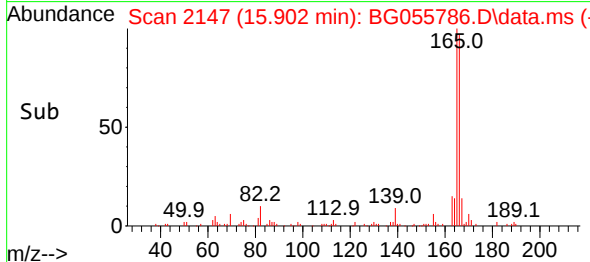
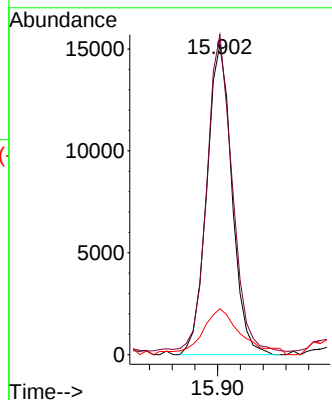
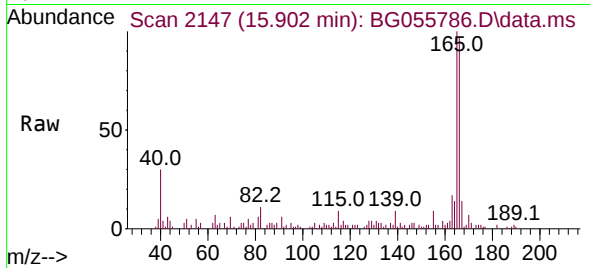




#58
Fluorene
Concen: 2.278 ng
RT: 15.902 min Scan# 2150
Delta R.T. -0.007 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

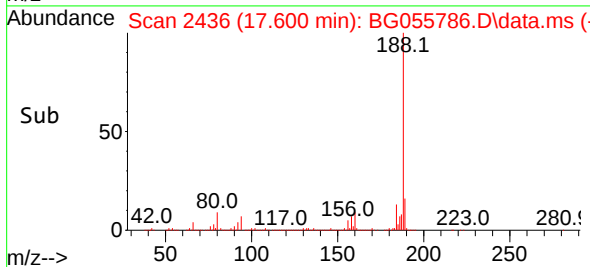
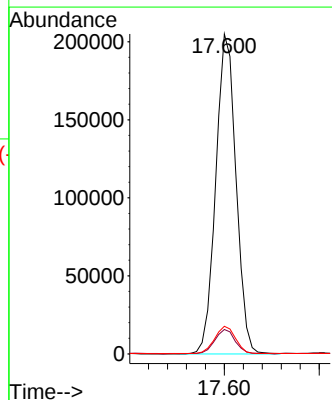
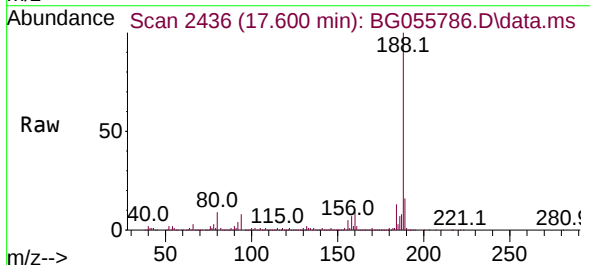
Instrument :
BNA_G
ClientSampleId :
MW-23

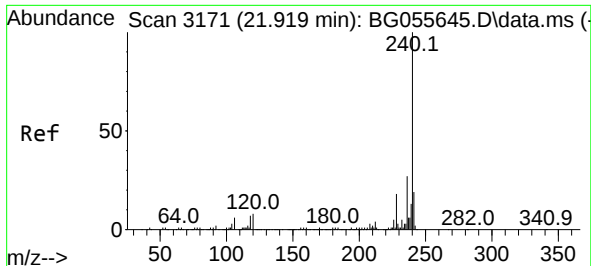
Tgt Ion:166 Resp: 23405
Ion Ratio Lower Upper
166 100
165 103.2 79.3 118.9
167 14.9 10.6 15.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

Tgt Ion:188 Resp: 303959
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.2
80 8.6 6.6 10.0

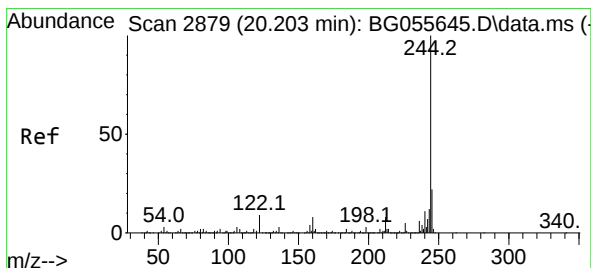
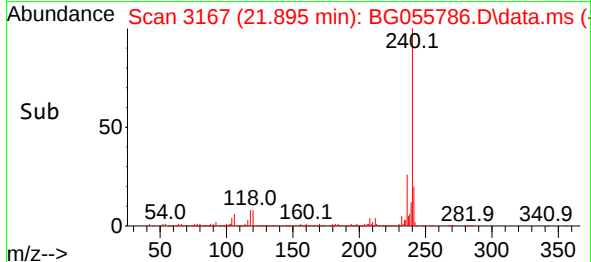
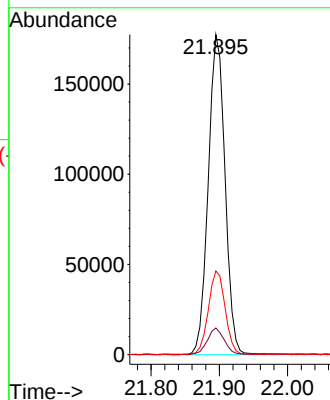
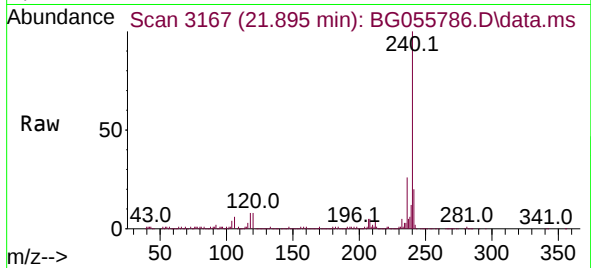




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3171
Delta R.T. -0.007 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

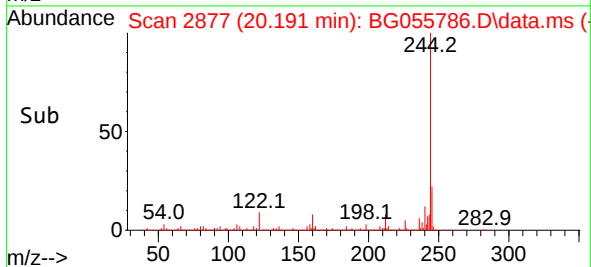
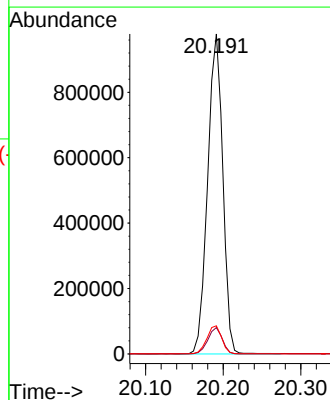
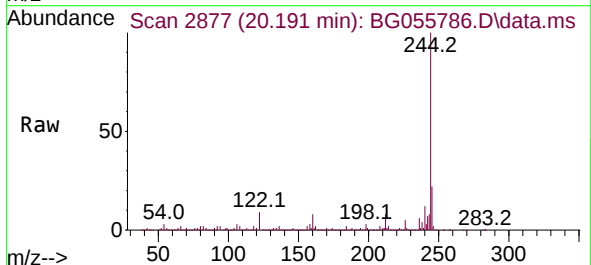
Instrument :
BNA_G
ClientSampleId :
MW-23

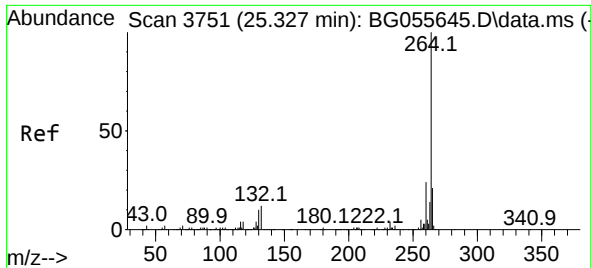
Tgt Ion:240 Resp: 302601
Ion Ratio Lower Upper
240 100
120 8.3 6.3 9.5
236 26.1 21.9 32.9



#79
Terphenyl-d14
Concen: 87.507 ng
RT: 20.191 min Scan# 2877
Delta R.T. -0.001 min
Lab File: BG055786.D
Acq: 25 Nov 2022 18:40

Tgt Ion:244 Resp: 1323906
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 8.8 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: BG055786.D
 Acq: 25 Nov 2022 18:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-23

Tgt Ion:264 Resp: 312220
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.8 17.1 25.7

