

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060089.D
 Acq On : 19 Dec 2023 17:27
 Operator : MA/JU
 Sample : 05829-10DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL

Quant Time: Dec 20 00:45:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

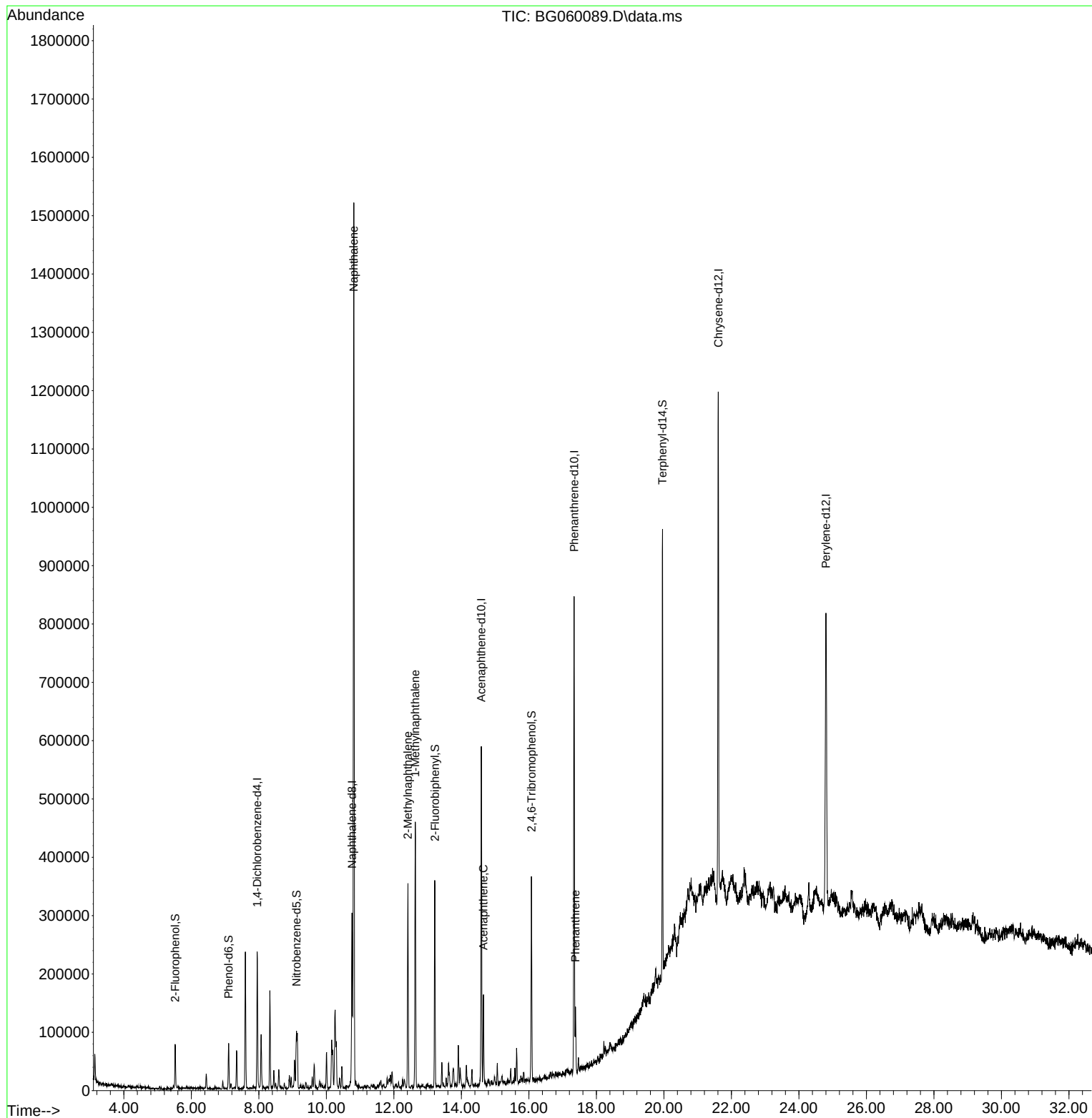
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	61213	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	225193	20.000	ng	# 0.00
39) Acenaphthene-d10	14.590	164	202878	20.000	ng	0.00
64) Phenanthrene-d10	17.340	188	573705	20.000	ng	# 0.00
76) Chrysene-d12	21.611	240	585230	20.000	ng	# 0.00
86) Perylene-d12	24.802	264	688326	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.524	112	25598	7.159	ng	0.00
7) Phenol-d6	7.105	99	27818	5.530	ng	0.00
23) Nitrobenzene-d5	9.114	82	52429	10.572	ng	0.00
42) 2,4,6-Tribromophenol	16.076	330	81344	17.205	ng	0.00
45) 2-Fluorobiphenyl	13.215	172	194394	11.727	ng	0.00
79) Terphenyl-d14	19.960	244	436168	13.607	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.812	128	1078274	91.979	ng	97
37) 2-Methylnaphthalene	12.416	142	145900	15.868	ng	95
38) 1-Methylnaphthalene	12.633	142	198379	21.842	ng	# 94
52) Acenaphthene	14.655	154	53771	4.383	ng	94
71) Phenanthrene	17.381	178	76166	2.741	ng	98

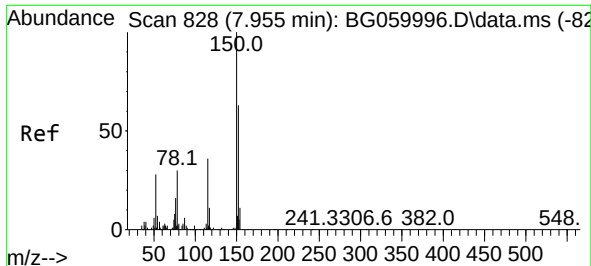
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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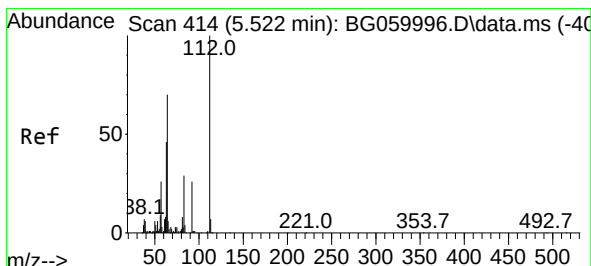
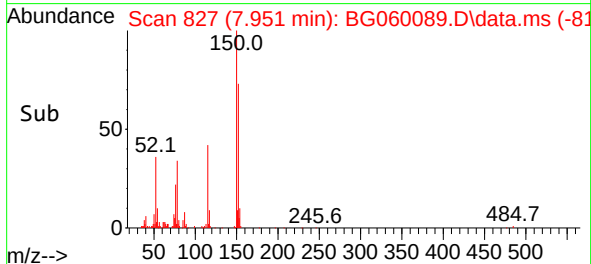
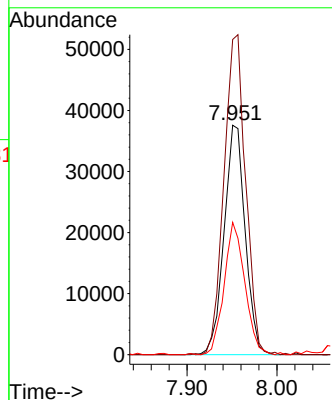
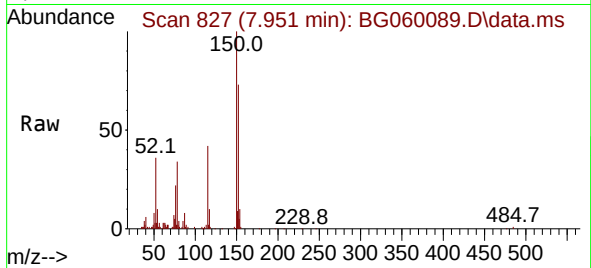


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.951 min Scan# 81
 Delta R.T. -0.008 min
 Lab File: BG060089.D
 Acq: 19 Dec 2023 17:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL

Tgt Ion:152 Resp: 61213

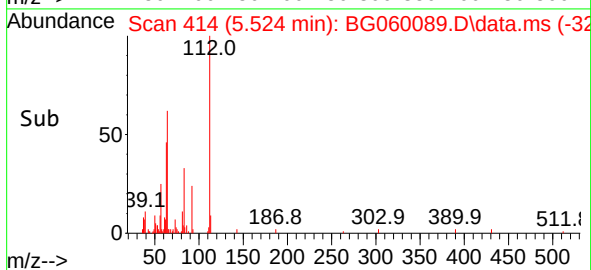
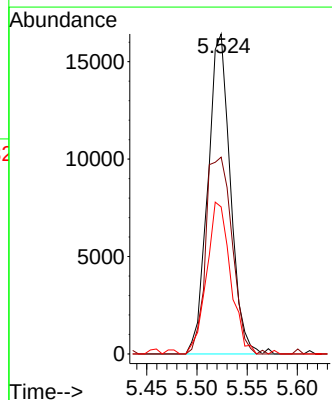
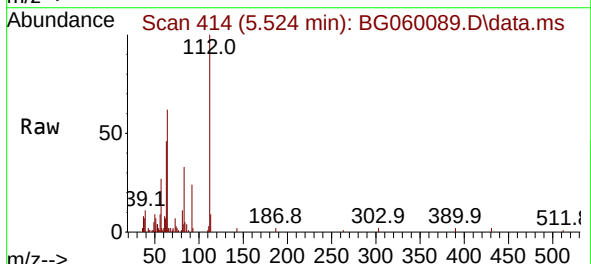
Ion	Ratio	Lower	Upper
152	100		
150	137.4	127.0	190.6
115	57.7	45.7	68.5

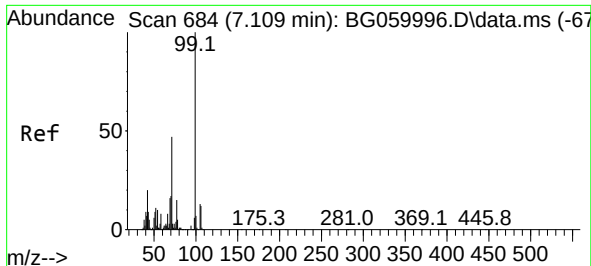


#5
 2-Fluorophenol
 Concen: 7.159 ng
 RT: 5.524 min Scan# 414
 Delta R.T. -0.002 min
 Lab File: BG060089.D
 Acq: 19 Dec 2023 17:27

Tgt Ion:112 Resp: 25598

Ion	Ratio	Lower	Upper
112	100		
64	61.5	55.9	83.9
63	46.0	36.5	54.7

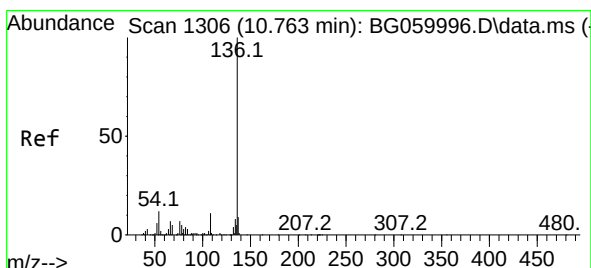
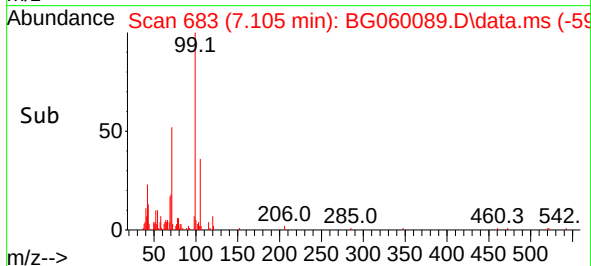
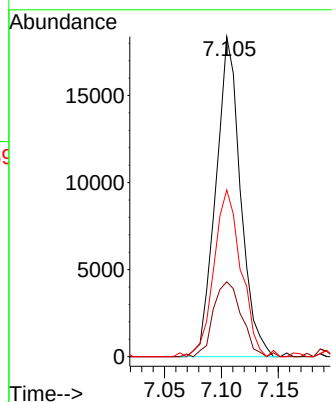
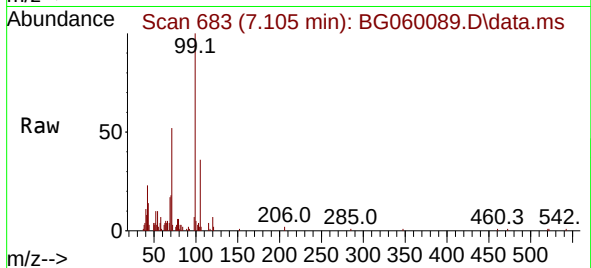




#7
Phenol-d6
Concen: 5.530 ng
RT: 7.105 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

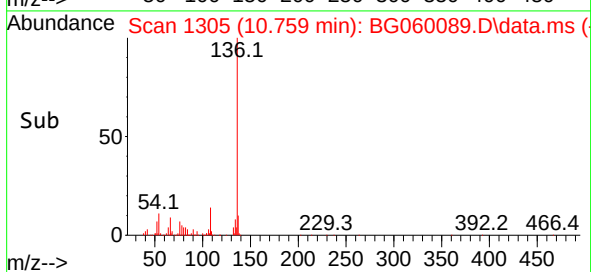
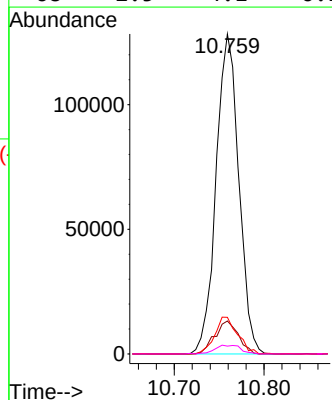
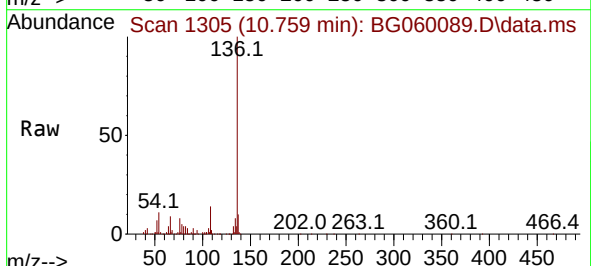
Instrument :
BNA_G
ClientSampleId :
MW-14DL

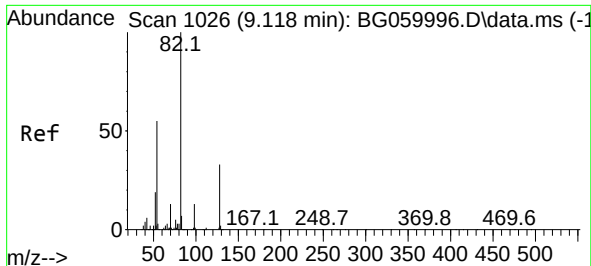
Tgt Ion: 99 Resp: 27818
Ion Ratio Lower Upper
99 100
42 23.4 16.2 24.4
71 52.1 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.759 min Scan# 1305
Delta R.T. -0.002 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:136 Resp: 225193
Ion Ratio Lower Upper
136 100
137 10.3 7.3 10.9
54 11.5 9.6 14.4
68 2.5 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 10.572 ng

RT: 9.114 min Scan# 1026

Delta R.T. -0.008 min

Lab File: BG060089.D

Acq: 19 Dec 2023 17:27

Instrument :

BNA_G

ClientSampleId :

MW-14DL

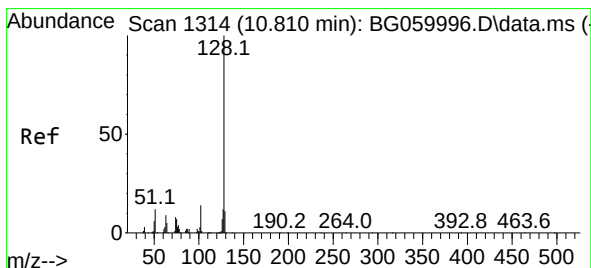
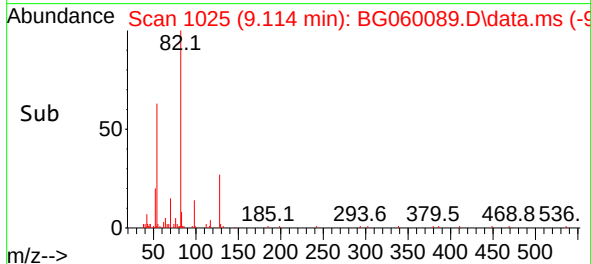
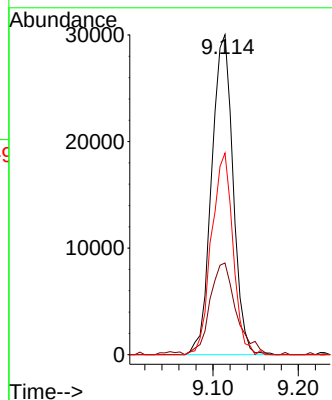
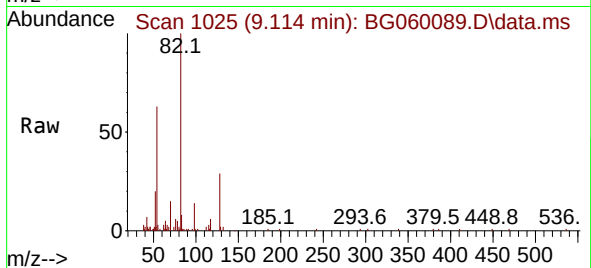
Tgt Ion: 82 Resp: 52429

Ion Ratio Lower Upper

82 100

128 28.6 26.3 39.5

54 63.0 44.3 66.5



#31

Naphthalene

Concen: 91.979 ng

RT: 10.812 min Scan# 1314

Delta R.T. -0.002 min

Lab File: BG060089.D

Acq: 19 Dec 2023 17:27

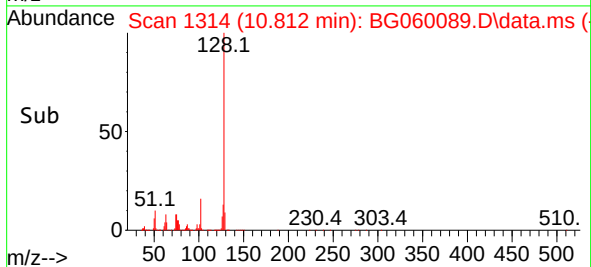
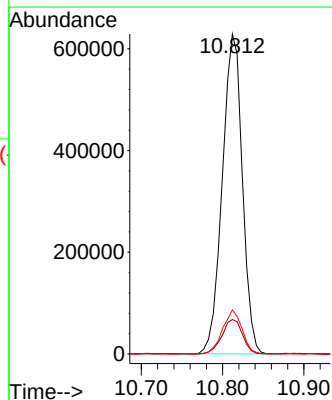
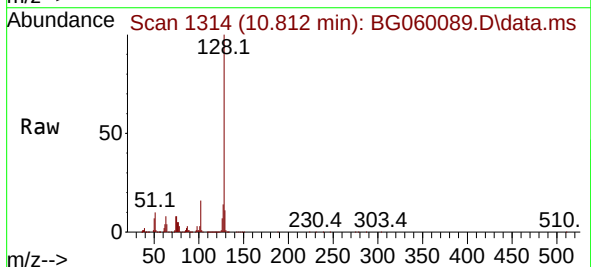
Tgt Ion:128 Resp: 1078274

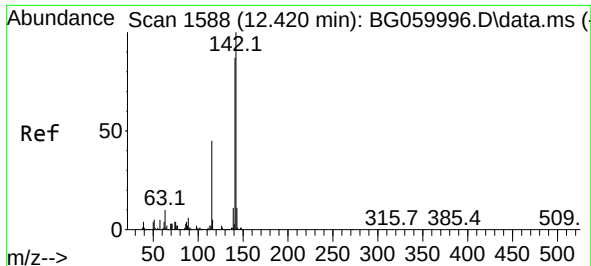
Ion Ratio Lower Upper

128 100

129 10.7 9.2 13.8

127 13.7 9.7 14.5

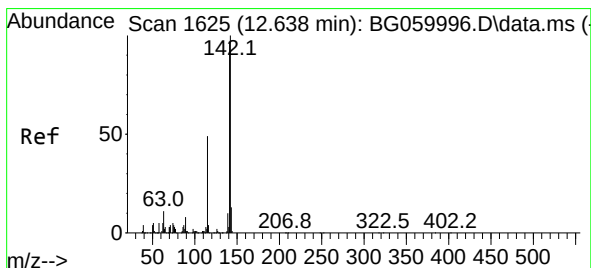
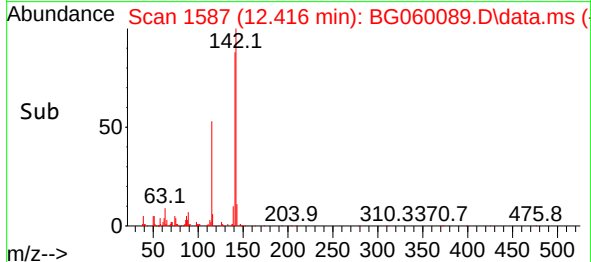
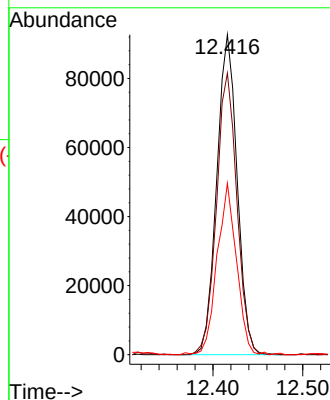
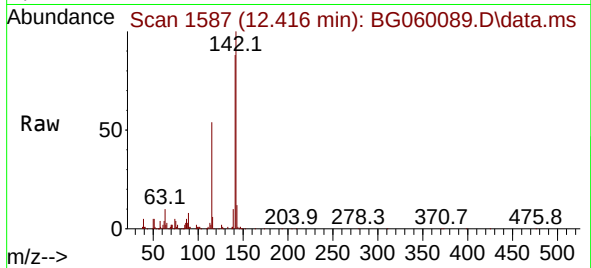




#37
2-Methylnaphthalene
Concen: 15.868 ng
RT: 12.416 min Scan# 1587
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

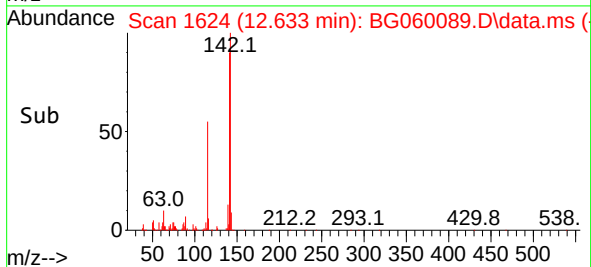
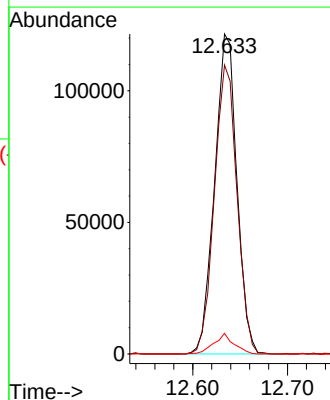
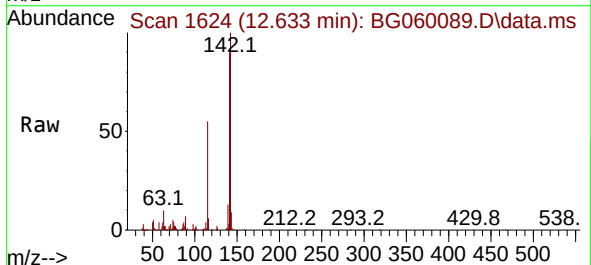
Instrument :
BNA_G
ClientSampleId :
MW-14DL

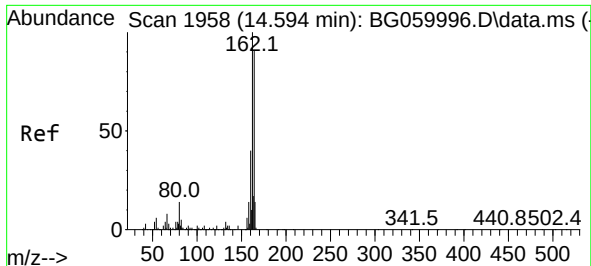
Tgt Ion:142 Resp: 145900
Ion Ratio Lower Upper
142 100
141 88.0 69.9 104.9
115 53.6 36.1 54.1



#38
1-Methylnaphthalene
Concen: 21.842 ng
RT: 12.633 min Scan# 1624
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:142 Resp: 198379
Ion Ratio Lower Upper
142 100
141 90.3 76.9 115.3
116 6.5 3.5 5.3#

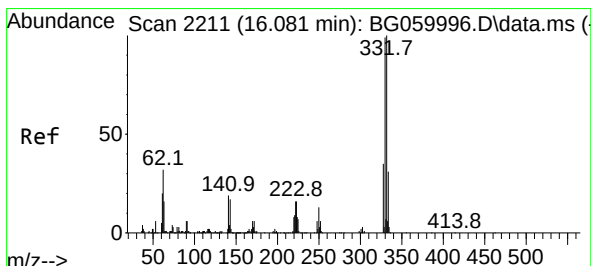
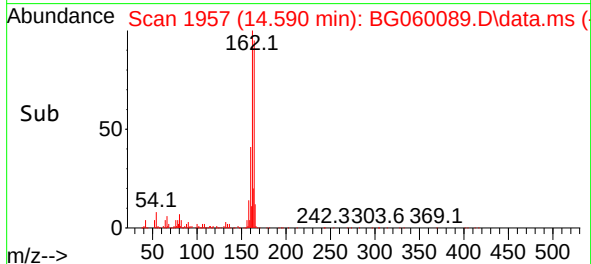
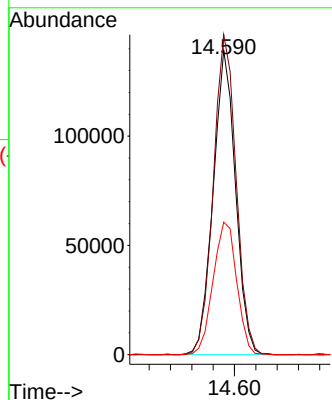
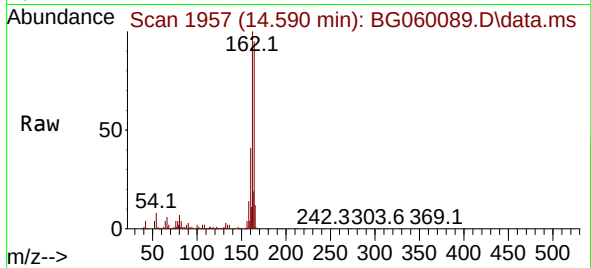




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.590 min Scan# 1958
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

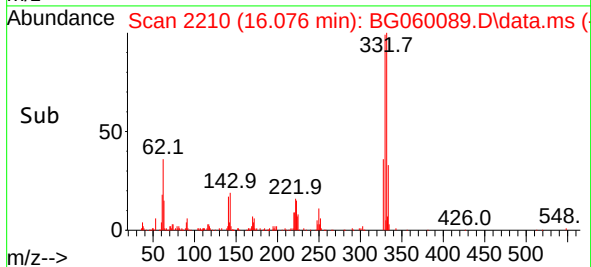
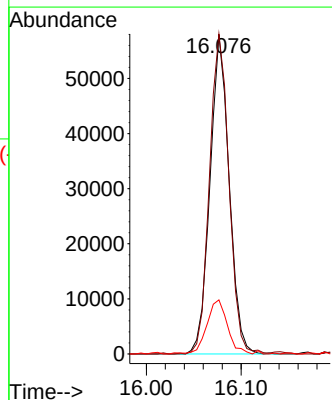
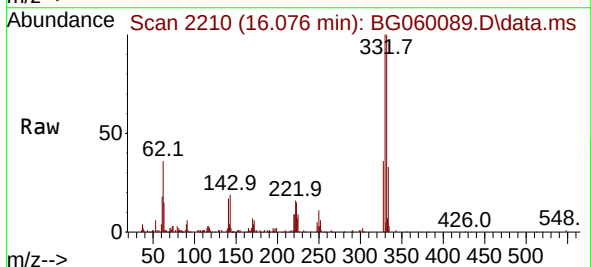
Instrument :
BNA_G
ClientSampleId :
MW-14DL

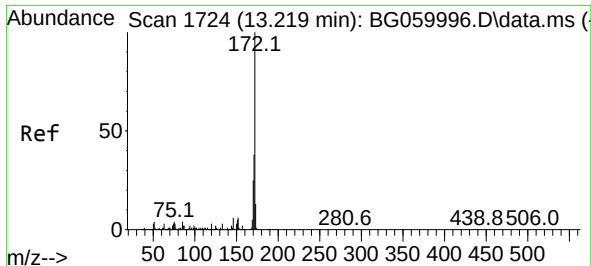
Tgt Ion:164 Resp: 202878
Ion Ratio Lower Upper
164 100
162 105.1 88.1 132.1
160 43.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 17.205 ng
RT: 16.076 min Scan# 2210
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:330 Resp: 81344
Ion Ratio Lower Upper
330 100
332 101.6 76.2 114.4
141 18.2 14.3 21.5

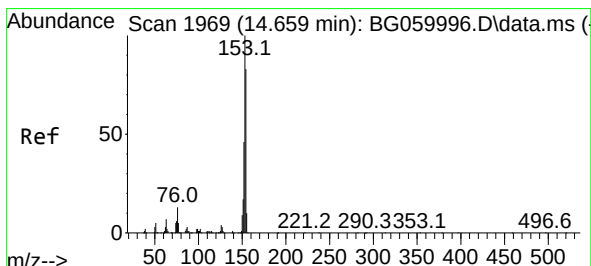
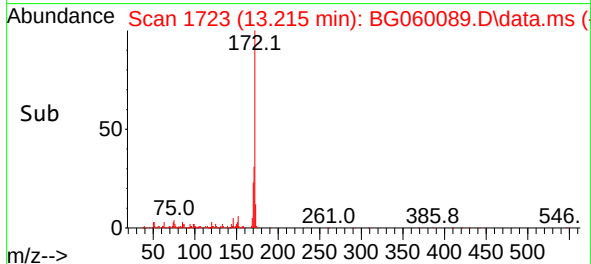
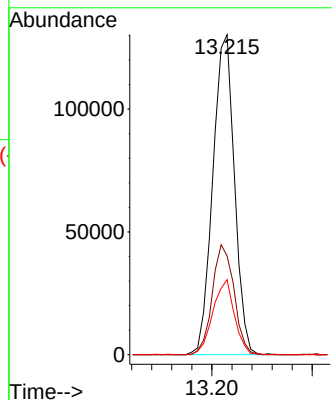
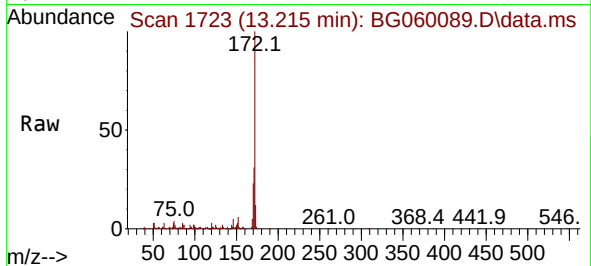




#45
2-Fluorobiphenyl
Concen: 11.727 ng
RT: 13.215 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

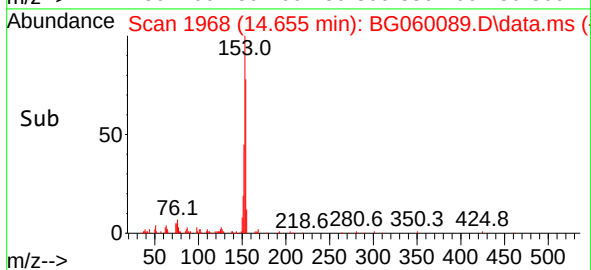
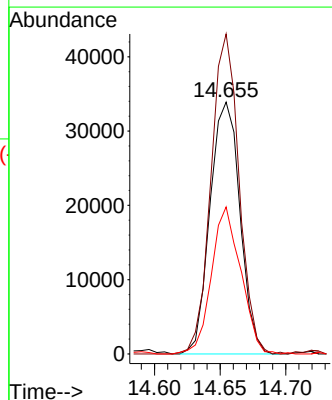
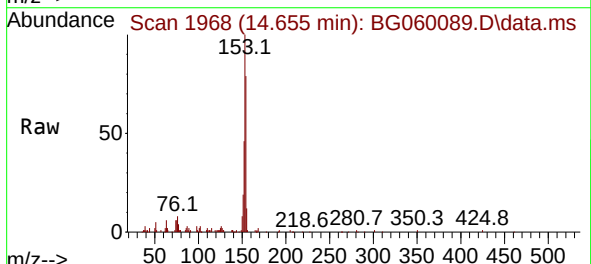
Instrument :
BNA_G
ClientSampleId :
MW-14DL

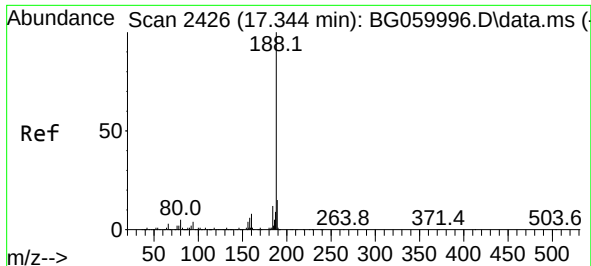
Tgt Ion:172	Resp:	194394
Ion Ratio	Lower	Upper
172	100	
171	30.9	30.1 45.1
170	23.5	20.0 30.0



#52
Acenaphthene
Concen: 4.383 ng
RT: 14.655 min Scan# 1968
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:154	Resp:	53771
Ion Ratio	Lower	Upper
154	100	
153	127.1	96.0 144.0
152	58.4	44.3 66.5

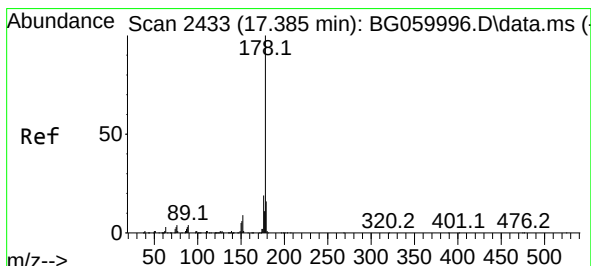
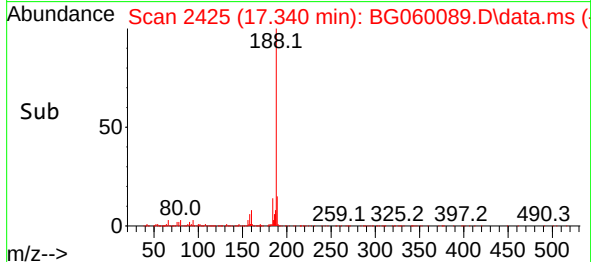
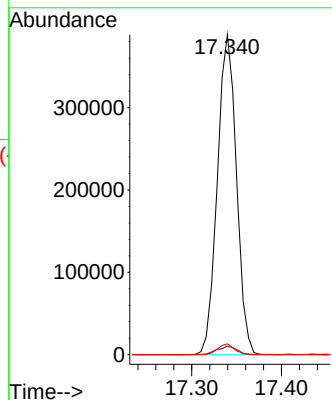
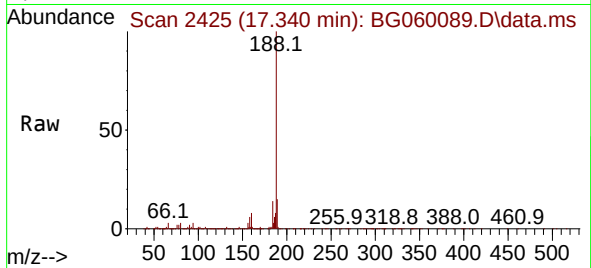




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.340 min Scan# 2426
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

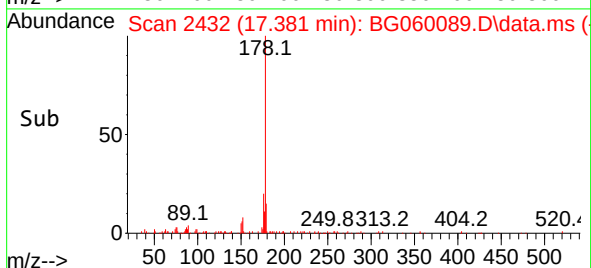
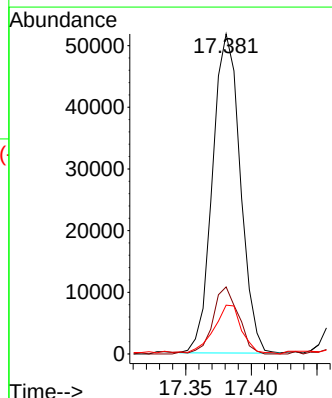
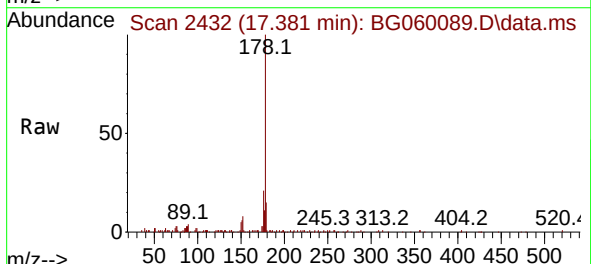
Instrument :
BNA_G
ClientSampleId :
MW-14DL

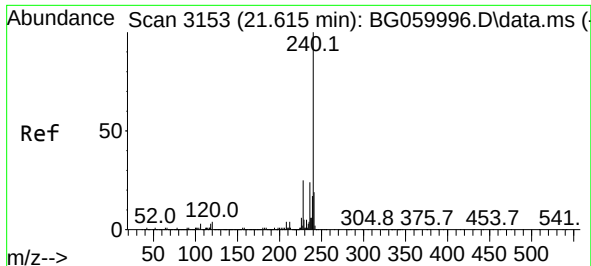
Tgt Ion:188 Resp: 573705
Ion Ratio Lower Upper
188 100
94 2.7 3.0 4.6#
80 3.4 4.0 6.0#



#71
Phenanthrene
Concen: 2.741 ng
RT: 17.381 min Scan# 2432
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:178 Resp: 76166
Ion Ratio Lower Upper
178 100
176 21.0 15.6 23.4
179 15.3 12.6 19.0

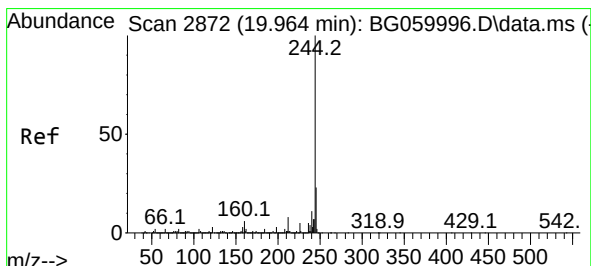
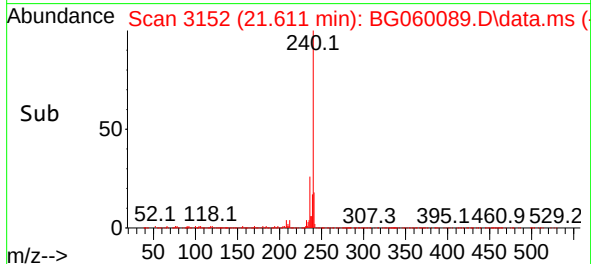
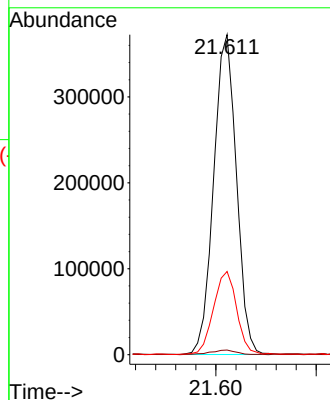
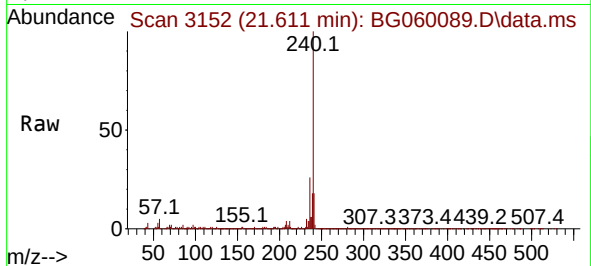




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.611 min Scan# 3153
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

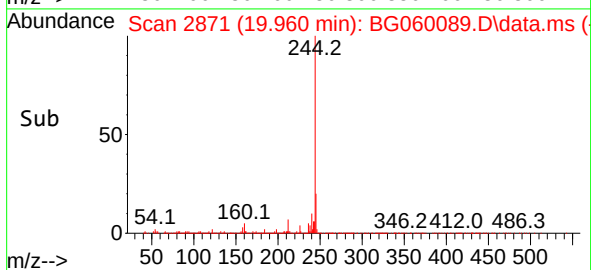
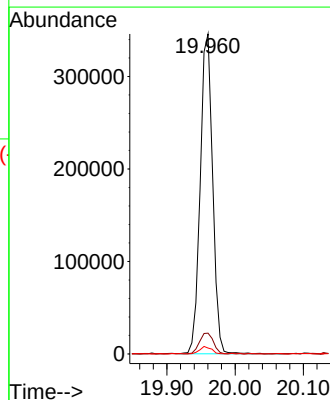
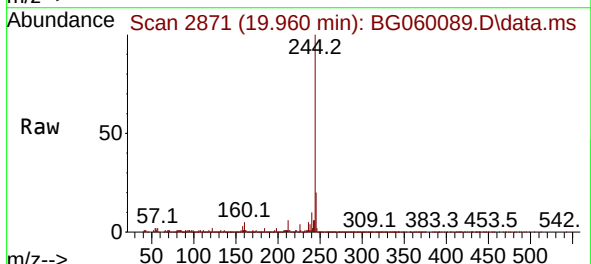
Instrument :
BNA_G
ClientSampleId :
MW-14DL

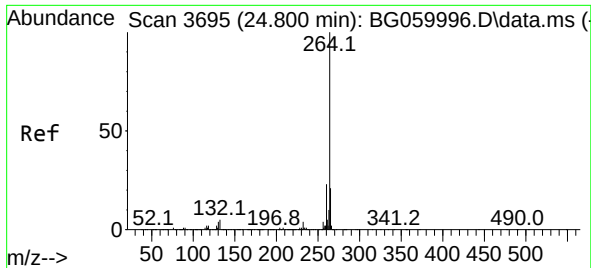
Tgt Ion:240 Resp: 585230
Ion Ratio Lower Upper
240 100
120 1.4 2.9 4.3#
236 26.0 19.4 29.2



#79
Terphenyl-d14
Concen: 13.607 ng
RT: 19.960 min Scan# 2871
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:244 Resp: 436168
Ion Ratio Lower Upper
244 100
212 6.5 6.8 10.2#
122 1.9 2.6 3.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.802 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG060089.D
 Acq: 19 Dec 2023 17:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL

Tgt Ion:264 Resp: 688326
 Ion Ratio Lower Upper
 264 100
 260 21.1 18.5 27.7
 265 21.7 17.3 25.9

