

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058690.D
 Acq On : 10 Aug 2023 22:34
 Operator : MA/JU
 Sample : 03955-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-24

Quant Time: Aug 11 01:58:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

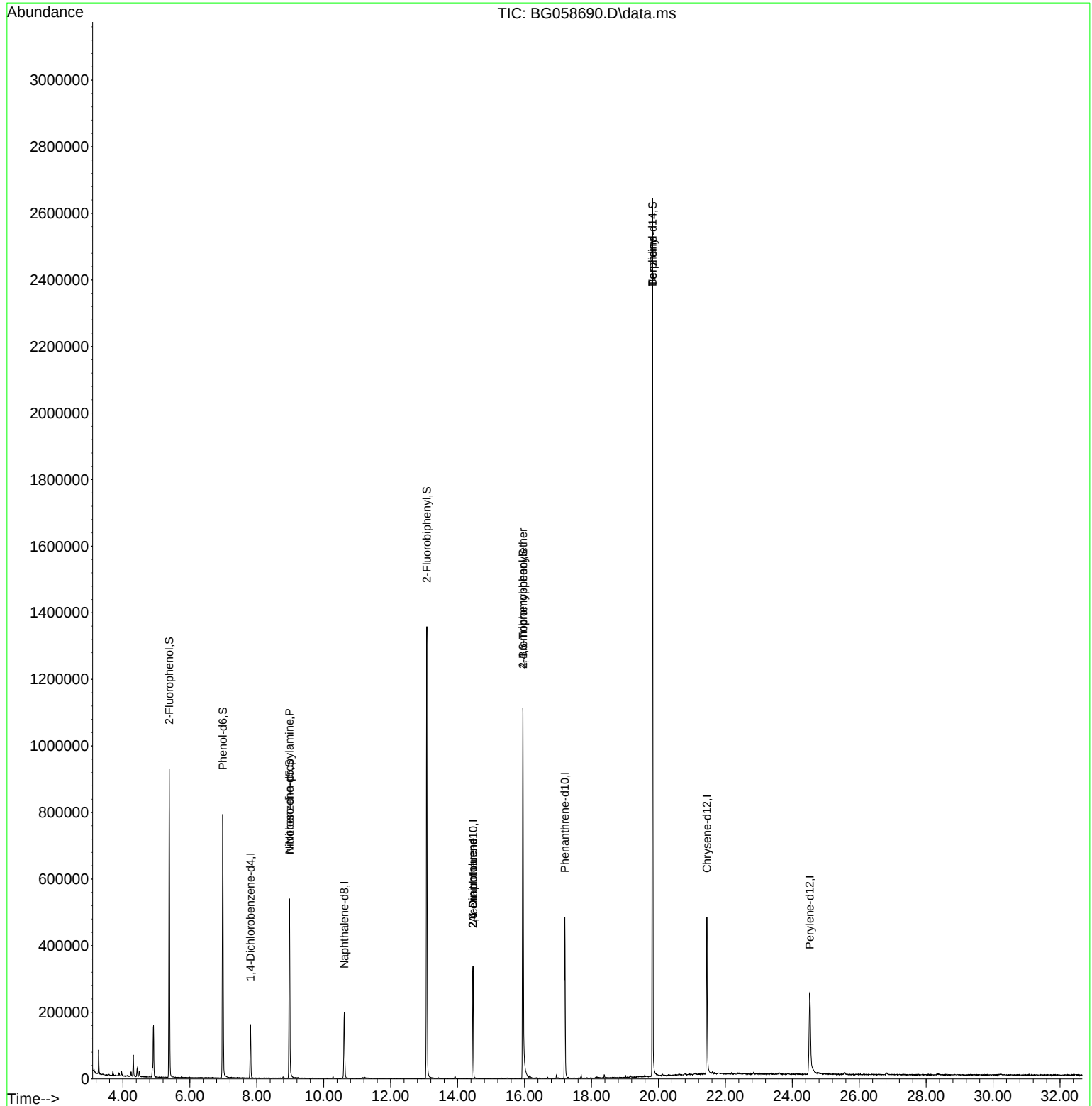
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	43148	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	180205	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	129401	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	345378	20.000	ng	0.00
76) Chrysene-d12	21.448	240	307412	20.000	ng	0.00
86) Perylene-d12	24.521	264	339522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	381587	135.172	ng	0.00
7) Phenol-d6	6.983	99	492719	125.434	ng	0.00
23) Nitrobenzene-d5	8.974	82	344347	93.872	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	298746	140.853	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	796907	92.290	ng	0.00
79) Terphenyl-d14	19.826	244	1443805	88.322	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.974	70	43578	17.175	ng	# 76
51) 2,6-Dinitrotoluene	14.456	165	16560	7.766	ng	# 22
57) 2,4-Dinitrotoluene	14.456	165	16560	5.602	ng	# 23
67) 4-Bromophenyl-phenylether	15.954	248	18178	4.640	ng	# 1
77) Benzydine	19.826	184	18261	3.917	ng	# 95

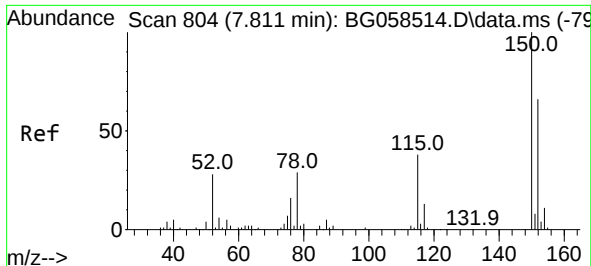
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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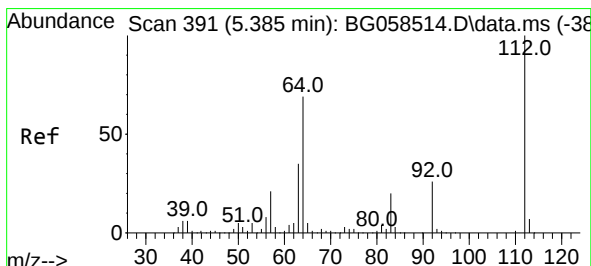
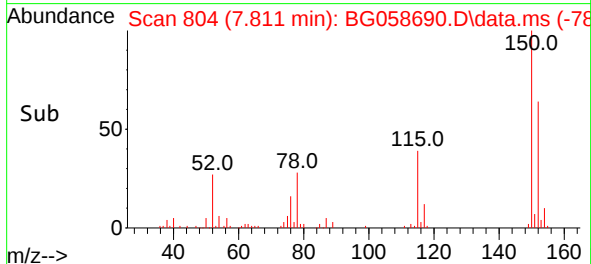
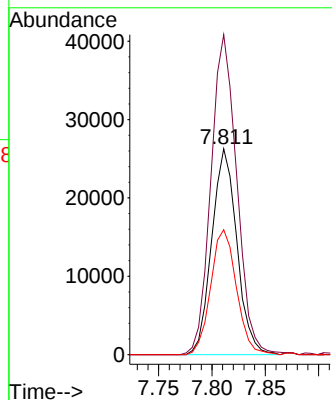
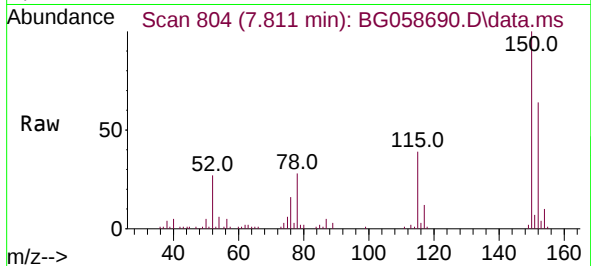




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

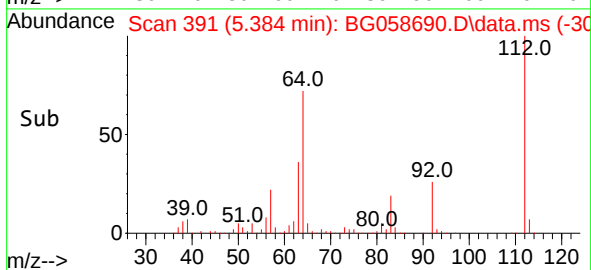
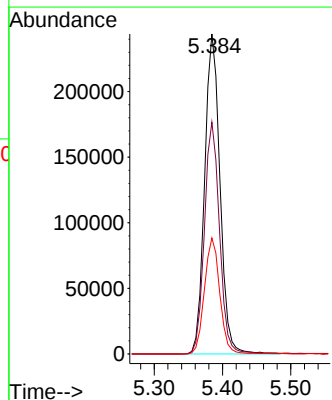
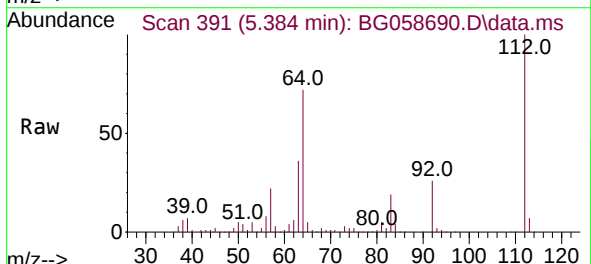
Instrument :
BNA_G
ClientSampleId :
WC-24

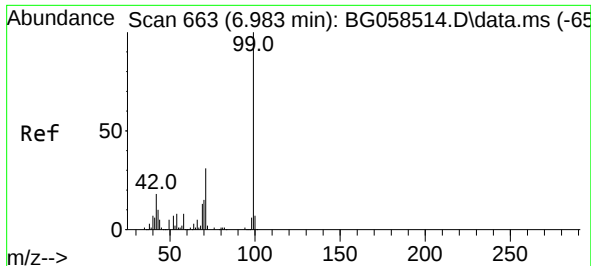
Tgt Ion:152 Resp: 43148
Ion Ratio Lower Upper
152 100
150 155.4 120.5 180.7
115 60.7 45.9 68.9



#5
2-Fluorophenol
Concen: 135.172 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion:112 Resp: 381587
Ion Ratio Lower Upper
112 100
64 72.4 55.3 82.9
63 36.2 28.3 42.5

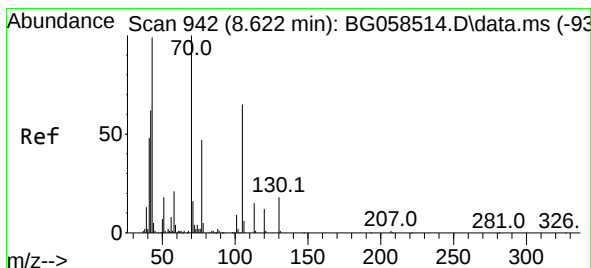
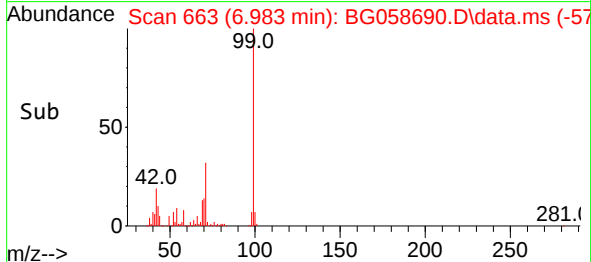
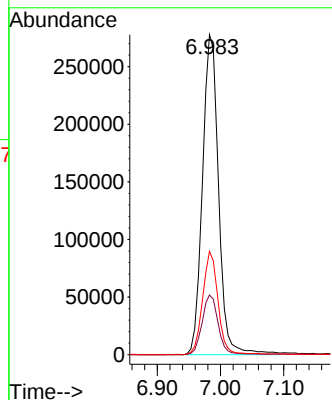
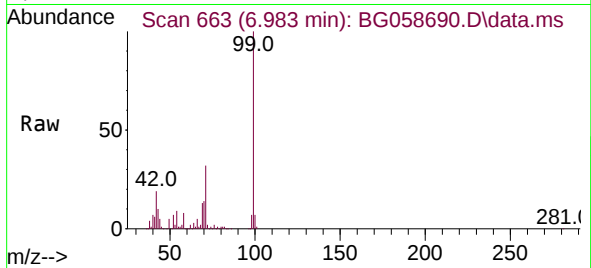




#7
Phenol-d6
Concen: 125.434 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

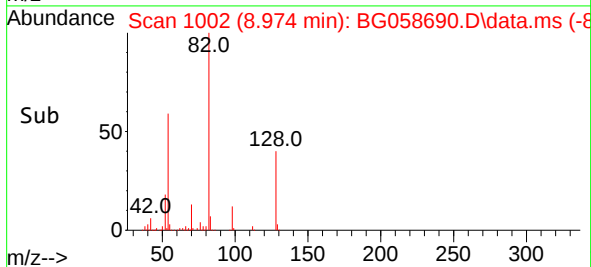
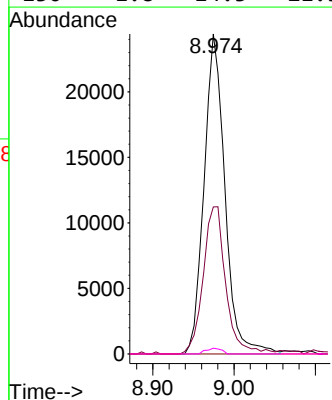
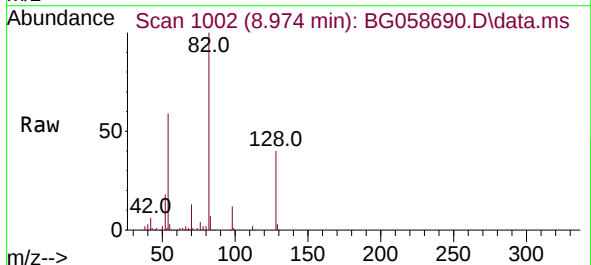
Instrument :
BNA_G
ClientSampleId :
WC-24

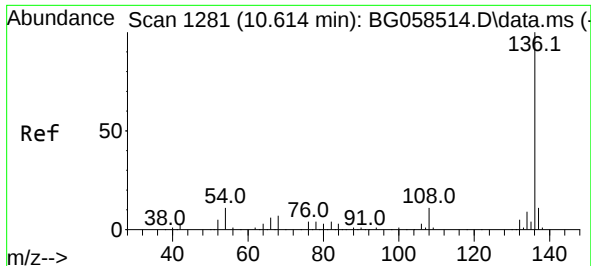
Tgt Ion: 99 Resp: 492719
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 32.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.175 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.352 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion: 70 Resp: 43578
Ion Ratio Lower Upper
70 100
42 46.0 49.7 74.5#
101 0.0 7.0 10.4#
130 1.8 14.3 21.5#

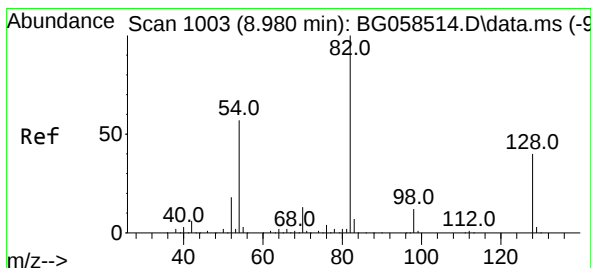
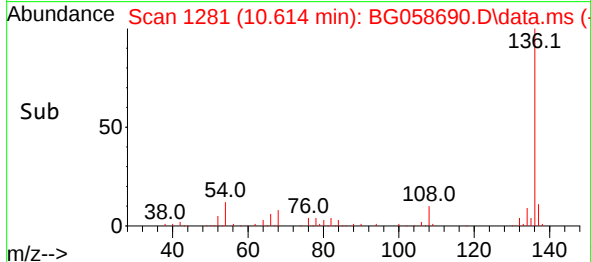
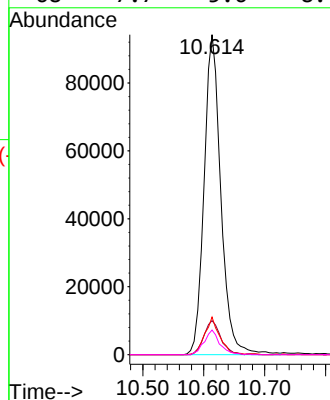
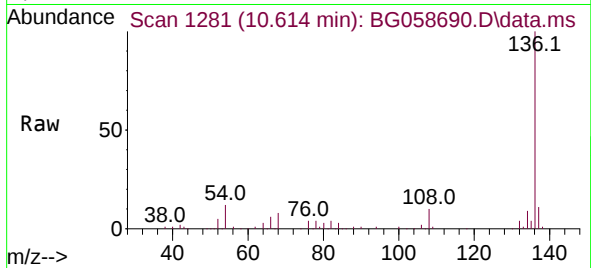




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

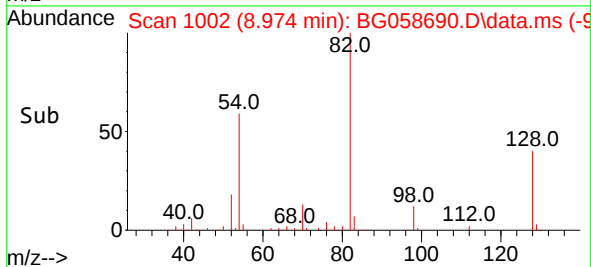
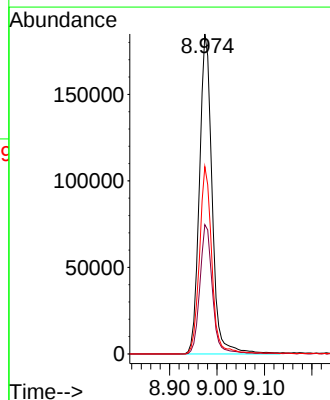
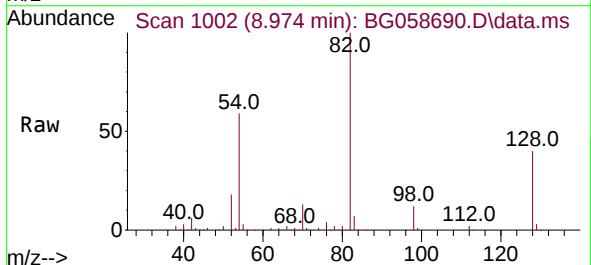
Instrument :
BNA_G
ClientSampleId :
WC-24

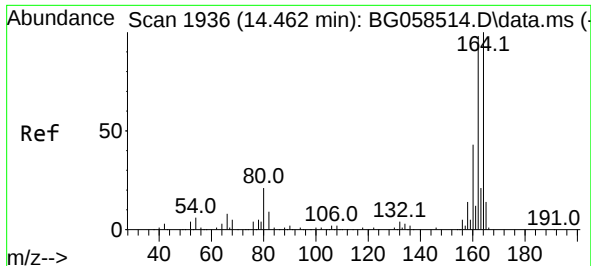
Tgt Ion:136	Resp: 180205
Ion Ratio	Lower Upper
136	100
137	10.6 8.6 13.0
54	11.7 8.9 13.3
68	7.7 5.6 8.4



#23
Nitrobenzene-d5
Concen: 93.872 ng
RT: 8.974 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion: 82	Resp: 344347
Ion Ratio	Lower Upper
82	100
128	40.4 32.2 48.2
54	58.5 46.0 69.0

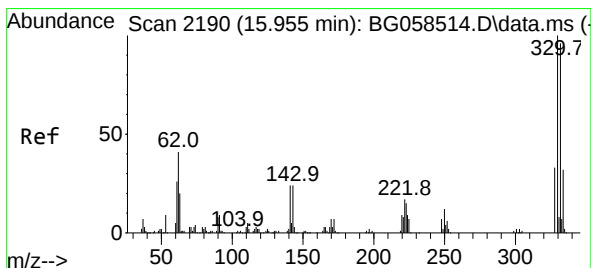
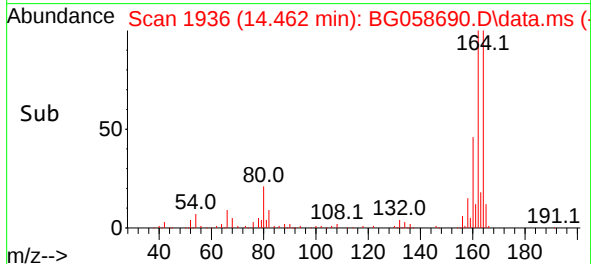
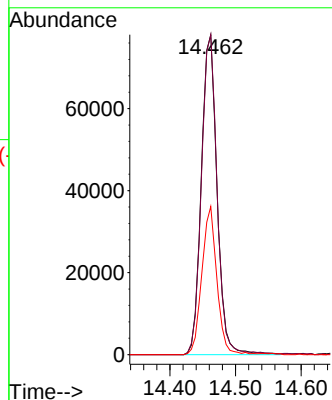
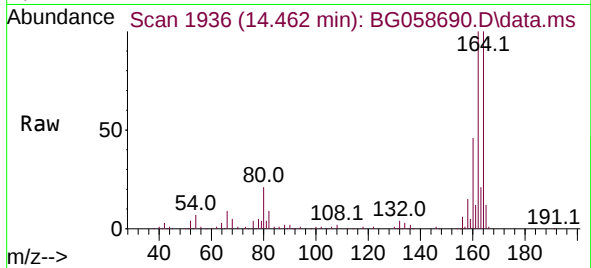




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

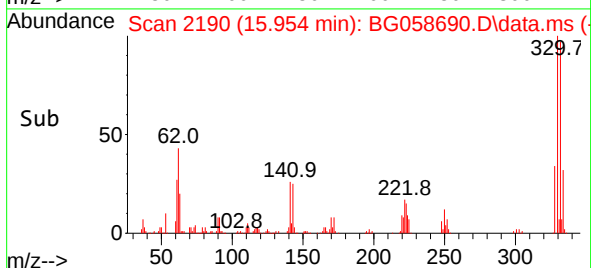
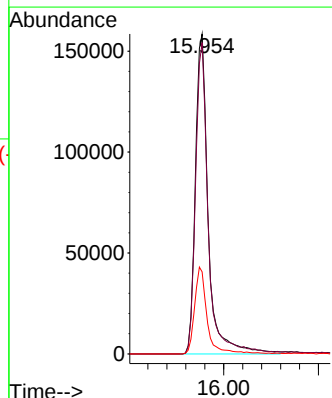
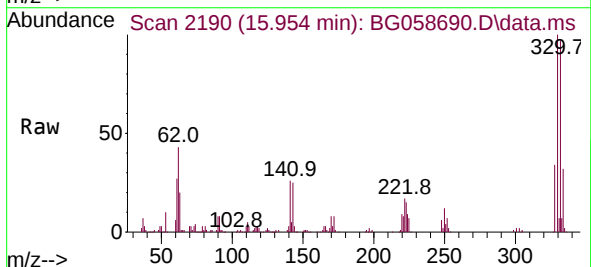
Instrument :
BNA_G
ClientSampleId :
WC-24

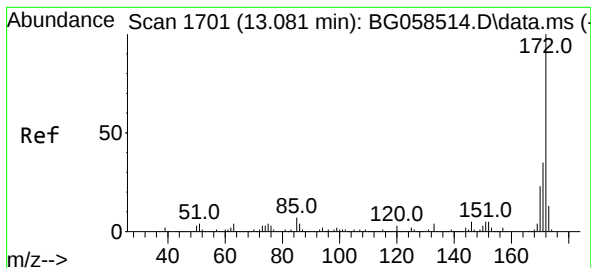
Tgt Ion:164 Resp: 129401
Ion Ratio Lower Upper
164 100
162 100.1 78.3 117.5
160 46.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 140.853 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion:330 Resp: 298746
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 26.4 20.7 31.1

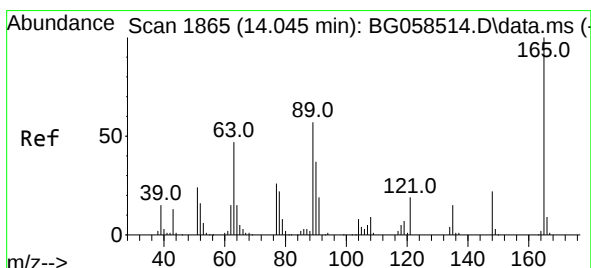
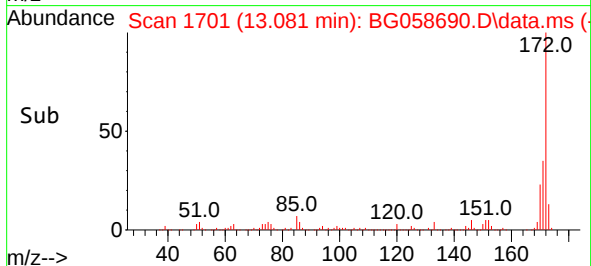
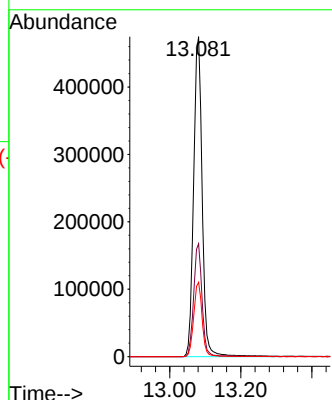
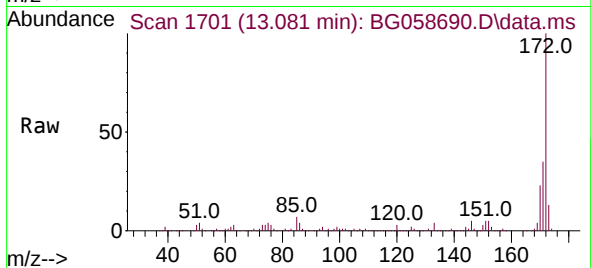




#45
2-Fluorobiphenyl
Concen: 92.290 ng
RT: 13.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

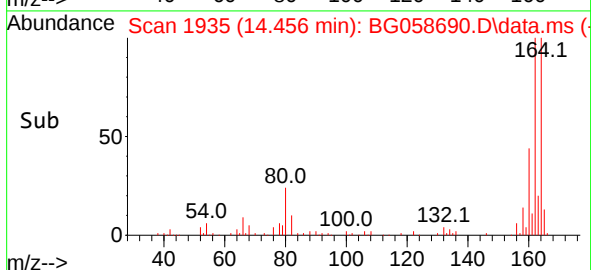
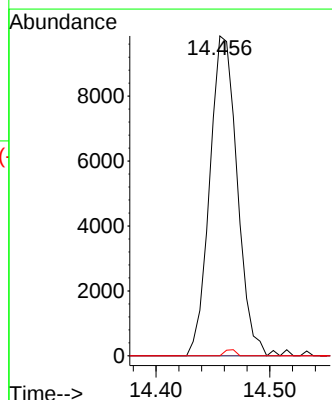
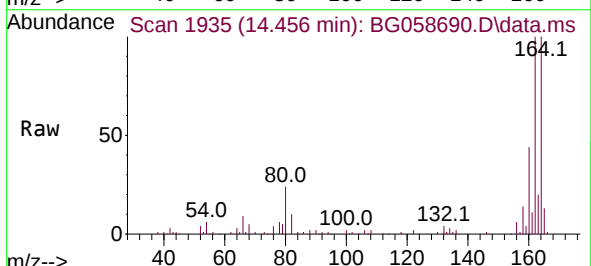
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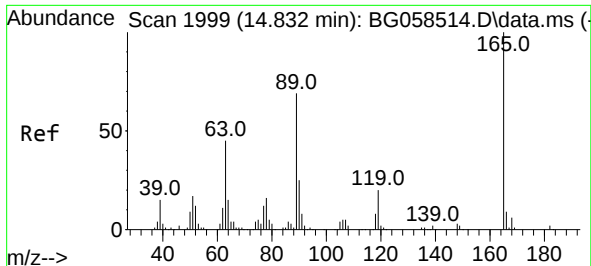
Tgt Ion:172 Resp: 796907
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.2 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.766 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion:165 Resp: 16560
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#

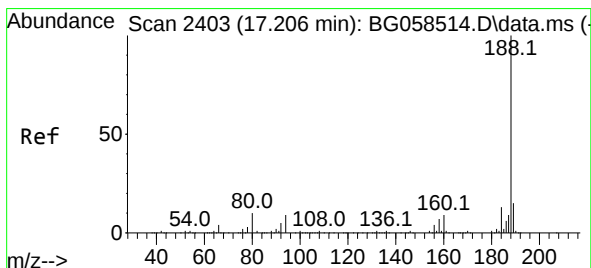
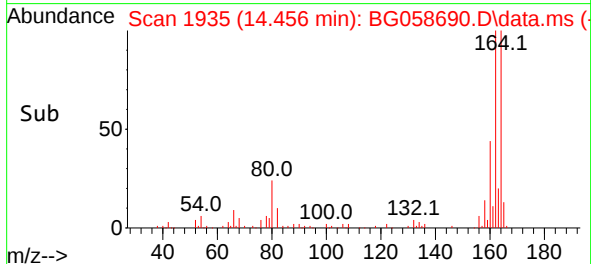
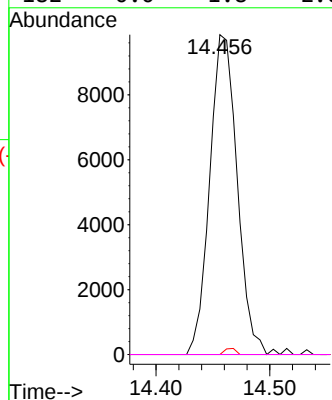
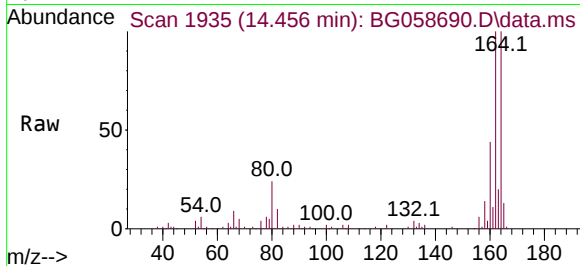




#57
2,4-Dinitrotoluene
Concen: 5.602 ng
RT: 14.456 min Scan# 1999
Delta R.T. -0.376 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

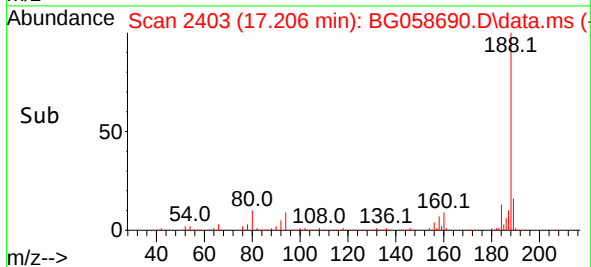
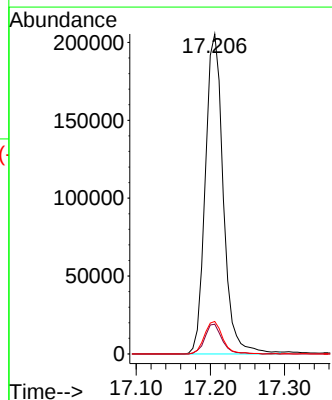
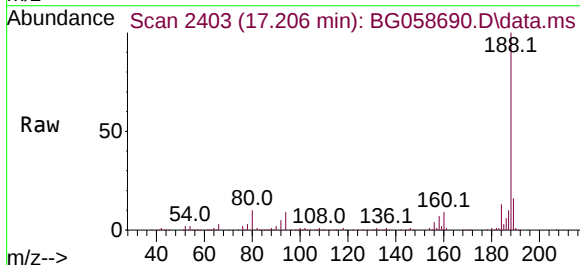
Instrument :
BNA_G
ClientSampleId :
WC-24

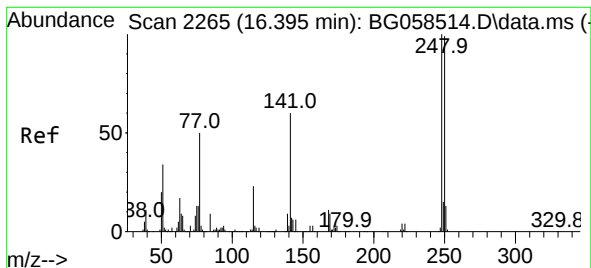
Tgt Ion:	165	Resp:	16560
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.6	54.8#
89	0.0	55.4	83.0#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion:	188	Resp:	345378
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.0	10.6
80	10.1	8.1	12.1

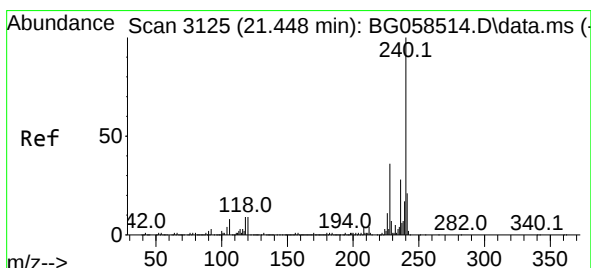
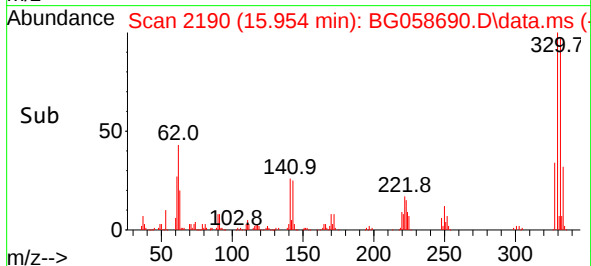
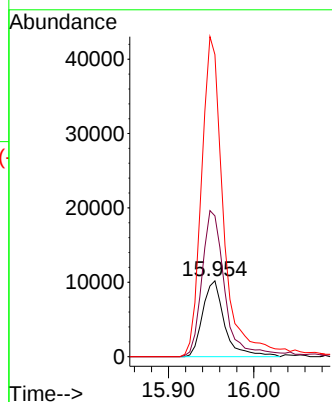
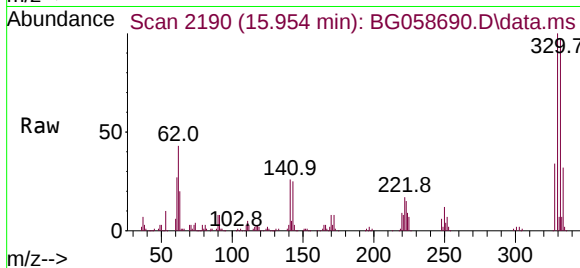




#67
4-Bromophenyl-phenylether
Concen: 4.640 ng
RT: 15.954 min Scan# 21190
Delta R.T. -0.441 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

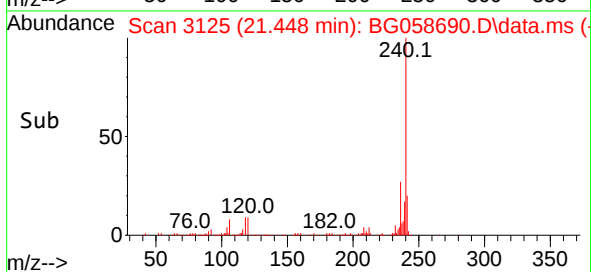
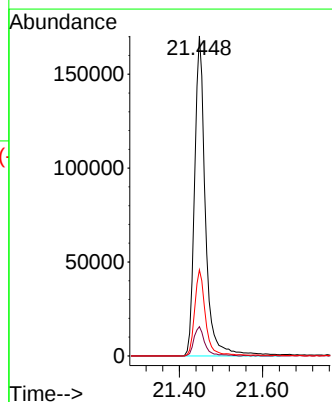
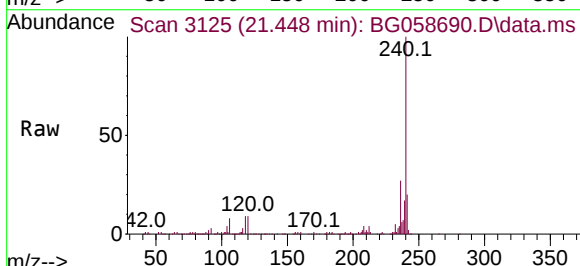
Instrument :
BNA_G
ClientSampleId :
WC-24

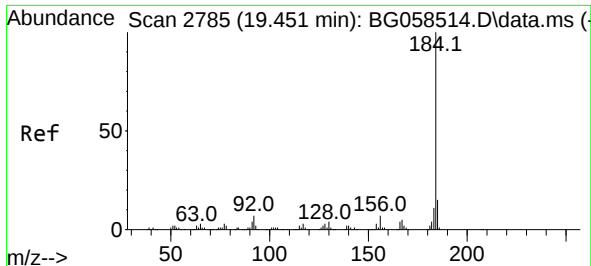
Tgt Ion:248 Resp: 18178
Ion Ratio Lower Upper
248 100
250 185.9 79.5 119.3#
141 398.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion:240 Resp: 307412
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 26.9 22.2 33.4

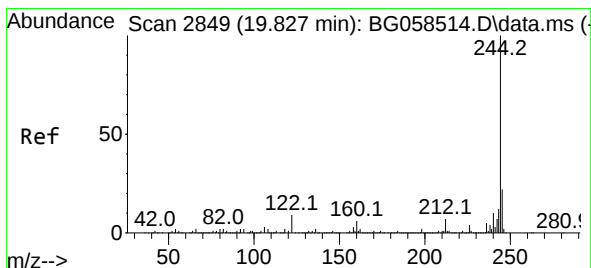
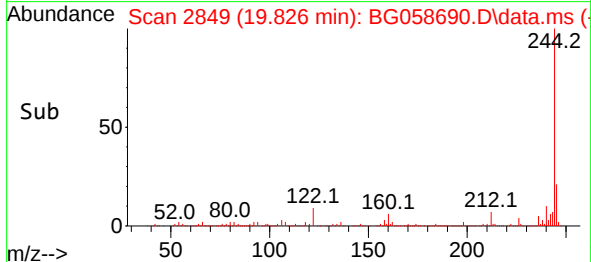
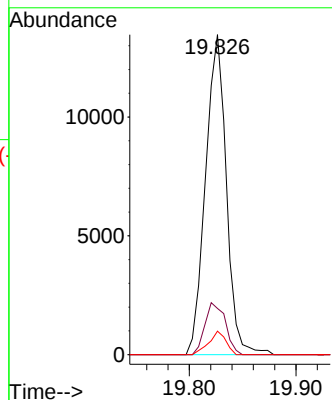
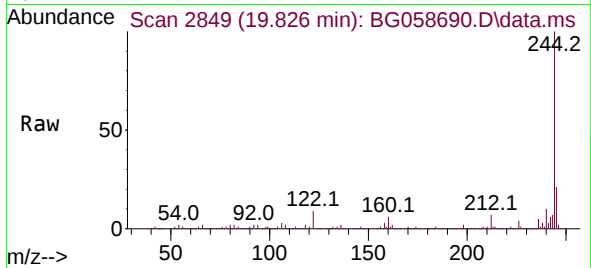




#77
Benzidine
Concen: 3.917 ng
RT: 19.826 min Scan# 2849
Delta R.T. 0.376 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

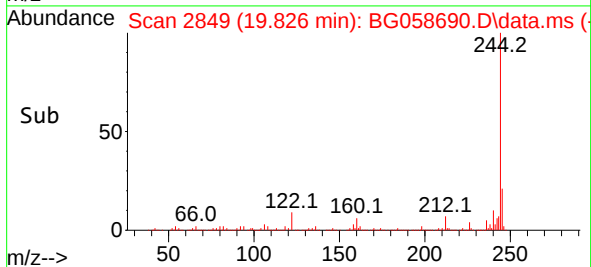
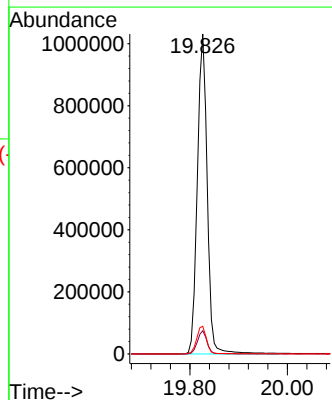
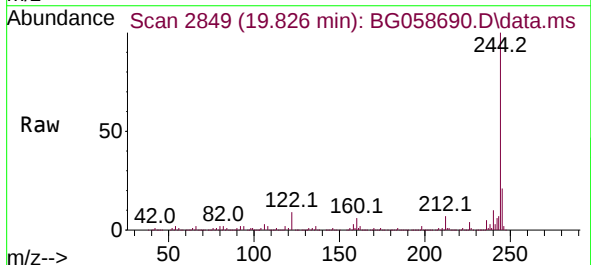
Instrument :
BNA_G
ClientSampleId :
WC-24

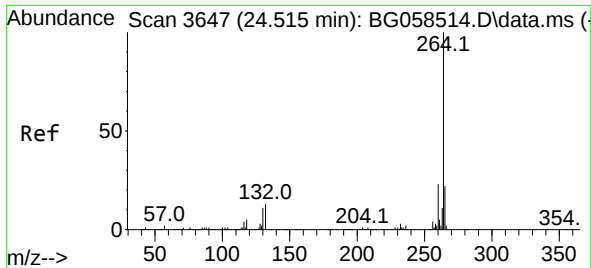
Tgt Ion:184 Resp: 18261
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 7.3 8.7 13.1#



#79
Terphenyl-d14
Concen: 88.322 ng
RT: 19.826 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion:244 Resp: 1443805
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.6 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Instrument :
BNA_G
ClientSampleId :
WC-24

Tgt Ion:264 Resp: 339522

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.1	17.9	26.9

