

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059894.D
 Acq On : 25 Nov 2023 16:39
 Operator : MA/JU
 Sample : 05449-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-03

Quant Time: Nov 27 03:23:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

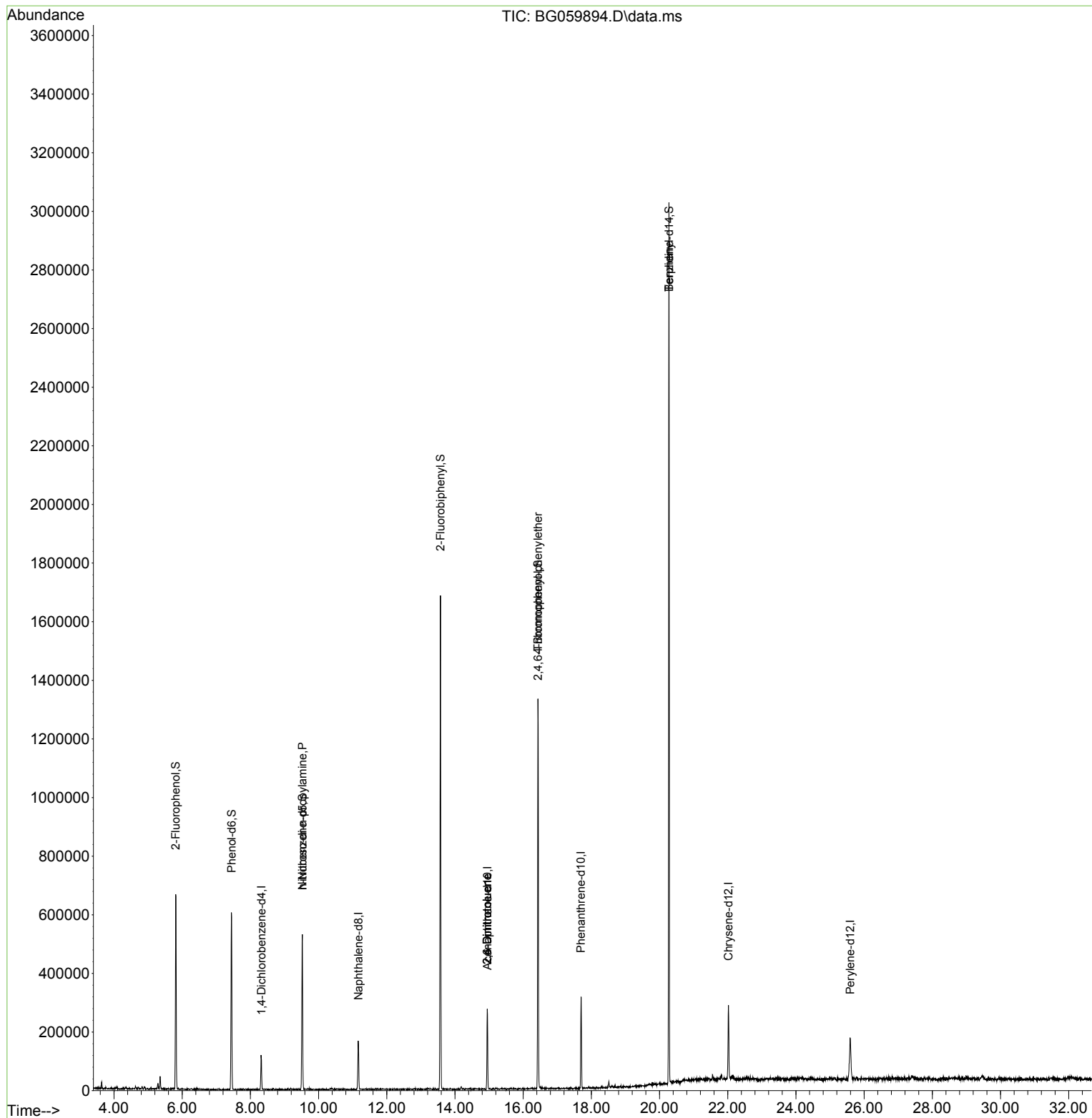
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	26543	20.000	ng	# 0.01
21) Naphthalene-d8	11.170	136	124864	20.000	ng	# 0.00
39) Acenaphthene-d10	14.953	164	89956	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	180266	20.000	ng	#-0.01
76) Chrysene-d12	22.022	240	140127	20.000	ng	#-0.01
86) Perylene-d12	25.594	264	164932	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	232984	147.739	ng	0.00
7) Phenol-d6	7.450	99	290745	124.412	ng	0.00
23) Nitrobenzene-d5	9.524	82	321933	98.469	ng	0.00
42) 2,4,6-Tribromophenol	16.440	330	190045	186.198	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	735735	110.091	ng	0.00
79) Terphenyl-d14	20.276	244	1199497	126.368	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.524	70	55188	29.988	ng	# 84
51) 2,6-Dinitrotoluene	14.947	165	12028	9.095	ng	# 1
57) 2,4-Dinitrotoluene	14.947	165	12028	5.914	ng	# 4
67) 4-Bromophenyl-phenylether	16.434	248	13305	6.870	ng	# 1
77) Benzidine	20.276	184	35408	11.143	ng	# 90

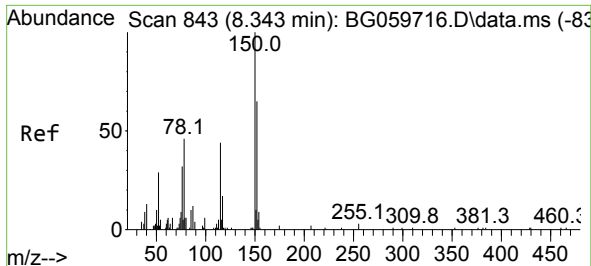
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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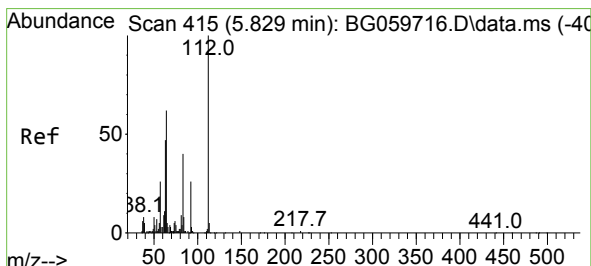
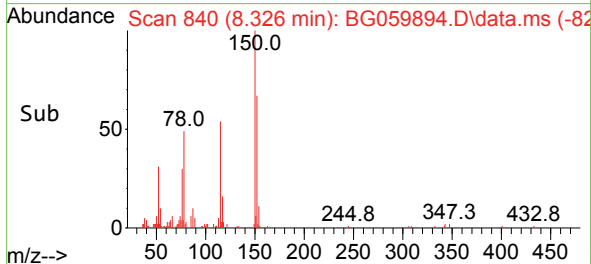
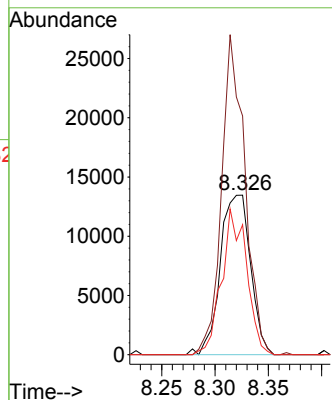
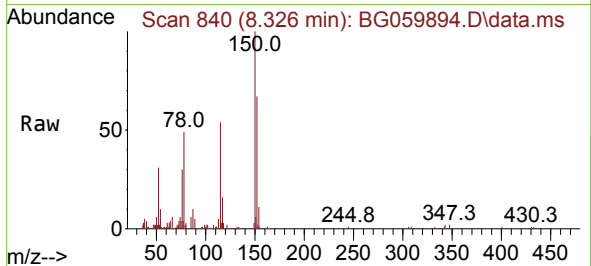




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.326 min Scan# 84
Delta R.T. 0.011 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

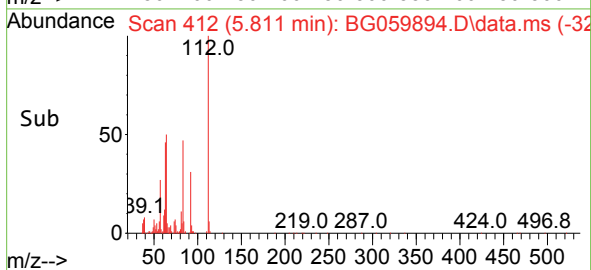
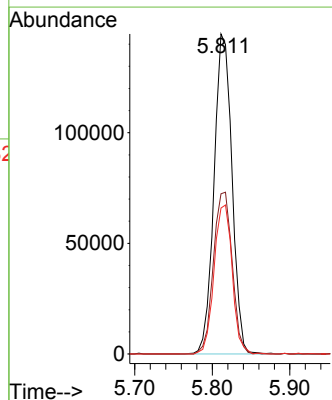
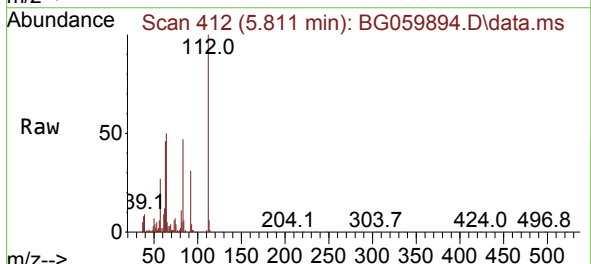
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

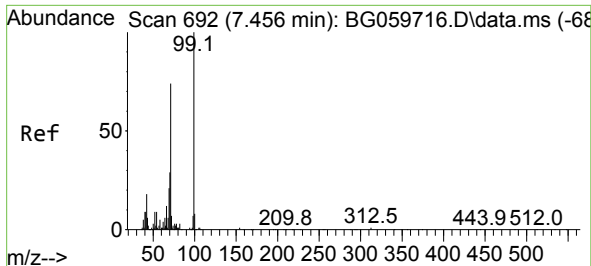
Tgt Ion:152 Resp: 26543
Ion Ratio Lower Upper
152 100
150 149.7 122.2 183.4
115 81.4 54.2 81.4#



#5
2-Fluorophenol
Concen: 147.739 ng
RT: 5.811 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

Tgt Ion:112 Resp: 232984
Ion Ratio Lower Upper
112 100
64 50.1 49.5 74.3
63 45.6 37.4 56.2

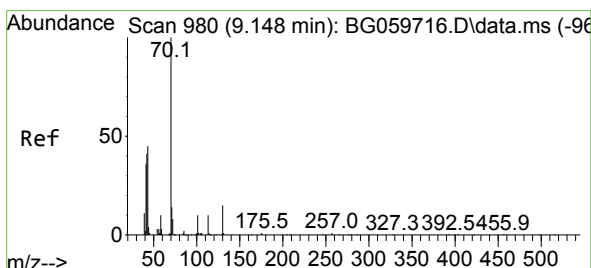
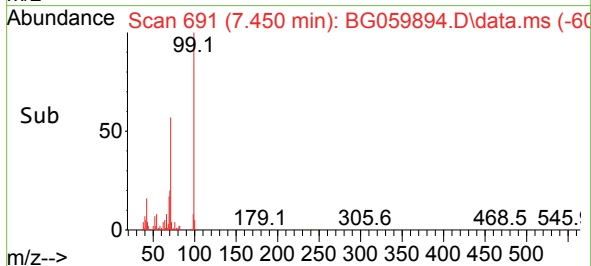
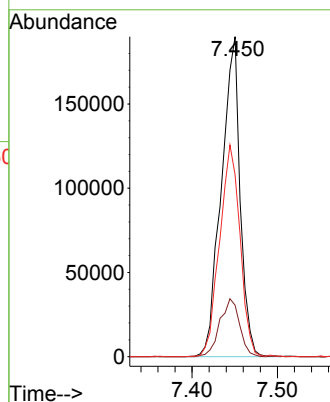
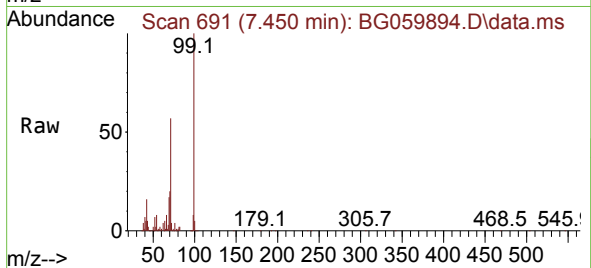




#7
Phenol-d6
Concen: 124.412 ng
RT: 7.450 min Scan# 692
Delta R.T. 0.005 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

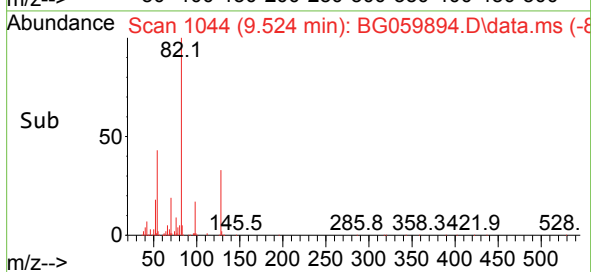
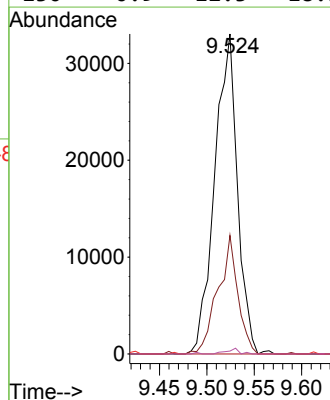
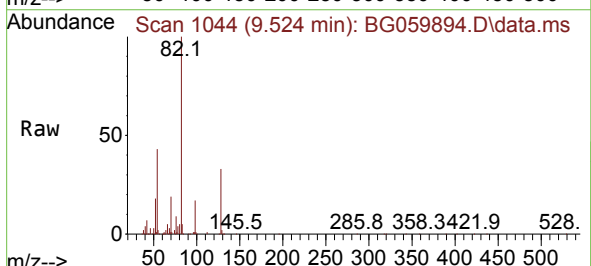
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

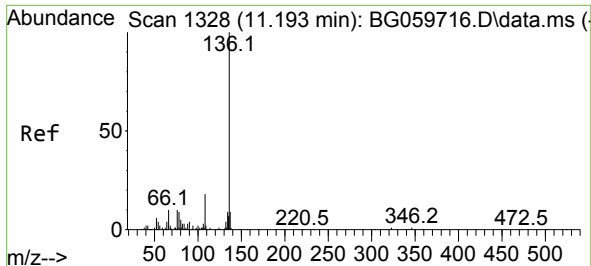
Tgt Ion: 99 Resp: 290745
Ion Ratio Lower Upper
99 100
42 16.1 14.3 21.5
71 56.8 59.3 88.9#



#19
n-Nitroso-di-n-propylamine
Concen: 29.988 ng
RT: 9.524 min Scan# 1044
Delta R.T. 0.393 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

Tgt Ion: 70 Resp: 55188
Ion Ratio Lower Upper
70 100
42 37.1 32.8 49.2
101 0.0 7.7 11.5#
130 0.9 12.3 18.5#

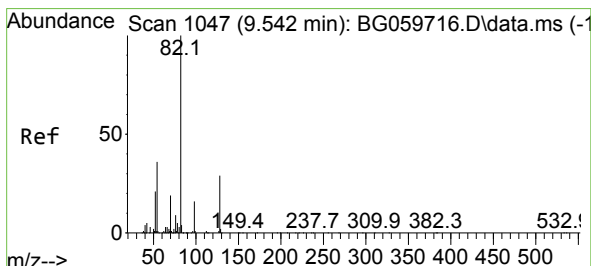
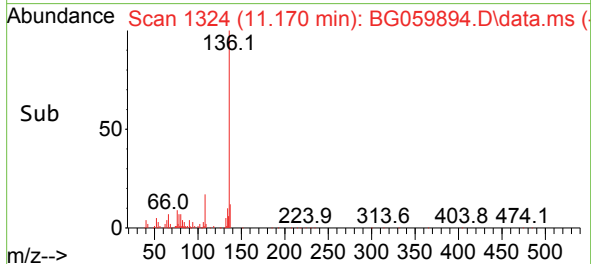
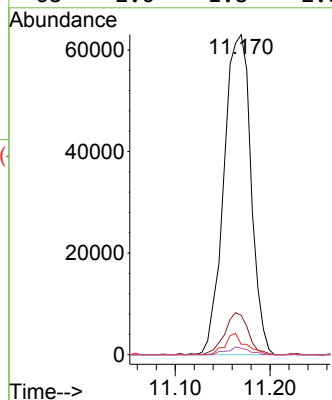
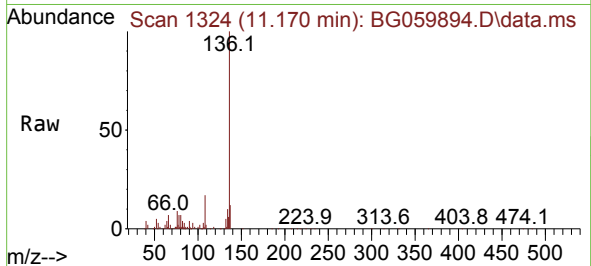




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

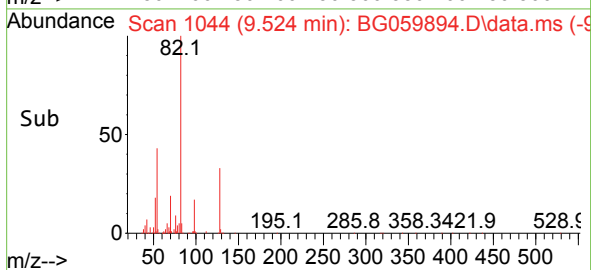
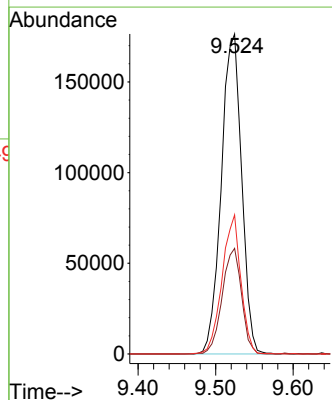
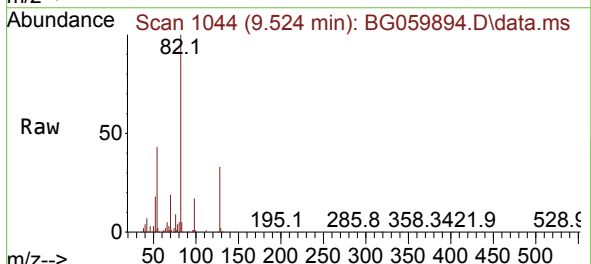
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

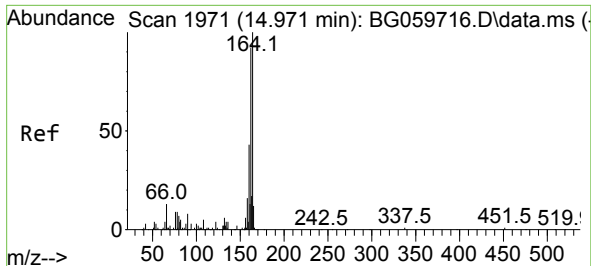
Tgt Ion:136 Resp: 124864
Ion Ratio Lower Upper
136 100
137 12.3 7.4 11.0#
54 3.3 3.1 4.7
68 2.0 1.8 2.8



#23
Nitrobenzene-d5
Concen: 98.469 ng
RT: 9.524 min Scan# 1044
Delta R.T. -0.001 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

Tgt Ion: 82 Resp: 321933
Ion Ratio Lower Upper
82 100
128 33.0 23.0 34.6
54 43.5 28.7 43.1#

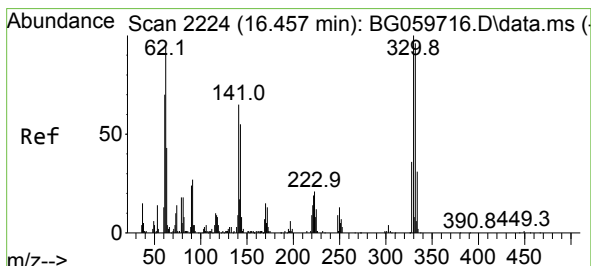
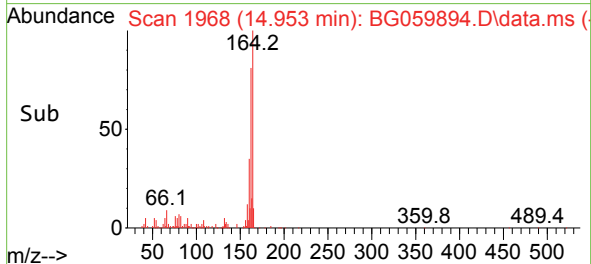
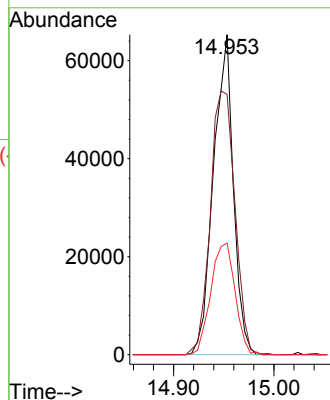
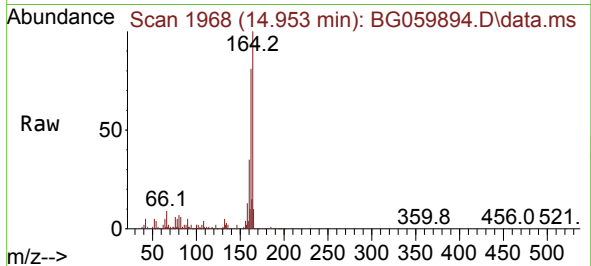




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.953 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

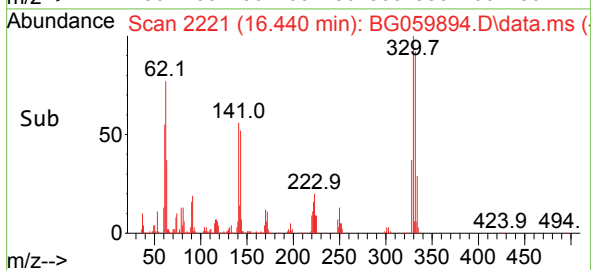
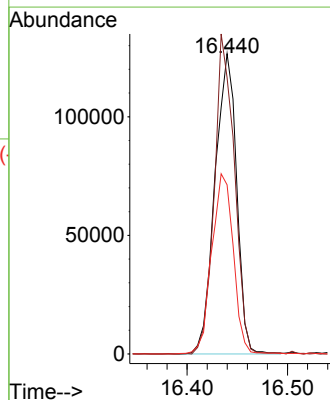
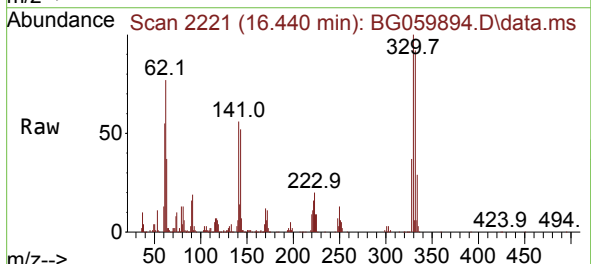
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

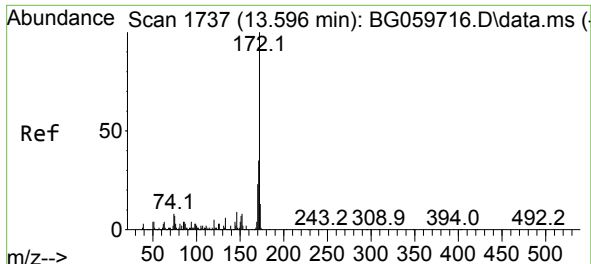
Tgt Ion:164 Resp: 89956
Ion Ratio Lower Upper
164 100
162 81.3 73.3 109.9
160 34.9 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 186.198 ng
RT: 16.440 min Scan# 2221
Delta R.T. -0.001 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

Tgt Ion:330 Resp: 190045
Ion Ratio Lower Upper
330 100
332 98.3 73.3 109.9
141 60.0 52.1 78.1

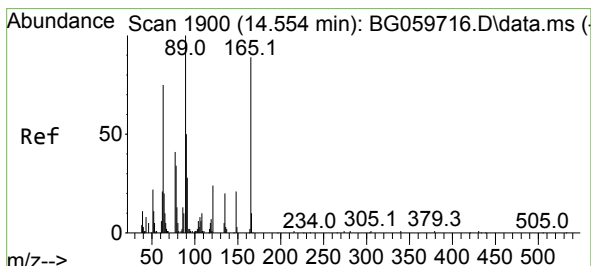
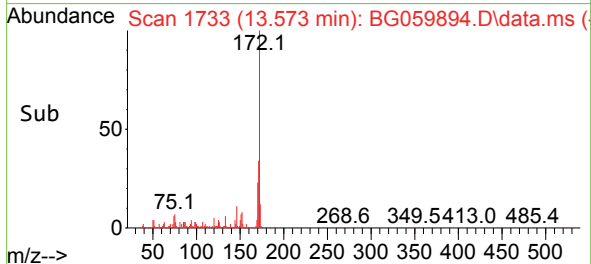
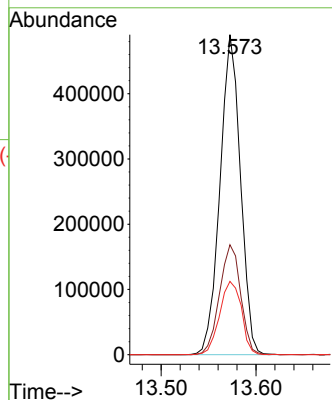
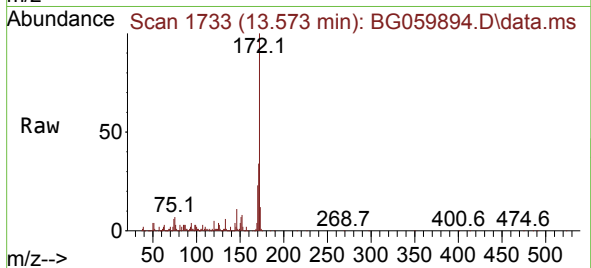




#45
2-Fluorobiphenyl
Concen: 110.091 ng
RT: 13.573 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

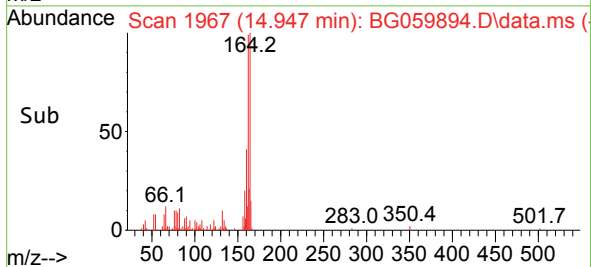
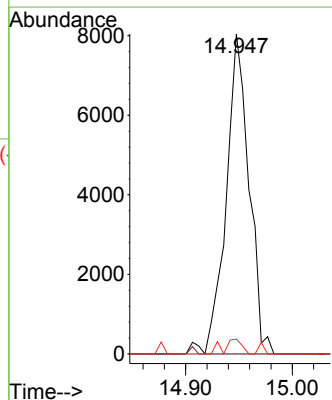
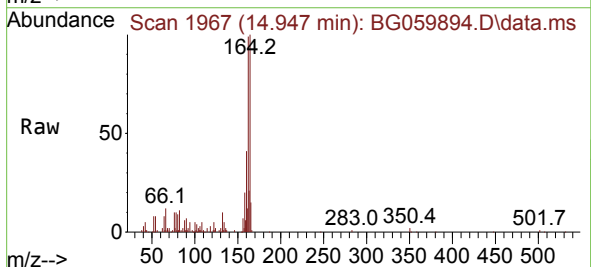
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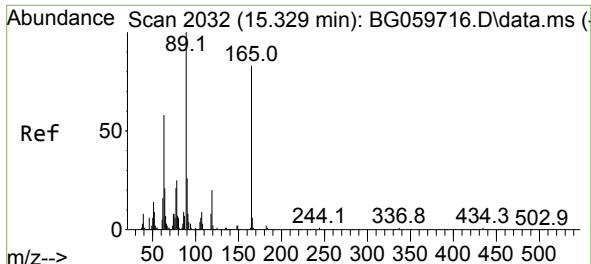
Tgt Ion:172 Resp: 735735
Ion Ratio Lower Upper
172 100
171 34.3 27.7 41.5
170 22.9 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.095 ng
RT: 14.947 min Scan# 1967
Delta R.T. 0.405 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

Tgt Ion:165 Resp: 12028
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 4.7 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 5.914 ng

RT: 14.947 min Scan# 1967

Delta R.T. -0.377 min

Lab File: BG059894.D

Acq: 25 Nov 2023 16:39

Instrument :

BNA_G

ClientSampleId :

WC-SED-03

Tgt Ion:165 Resp: 12028

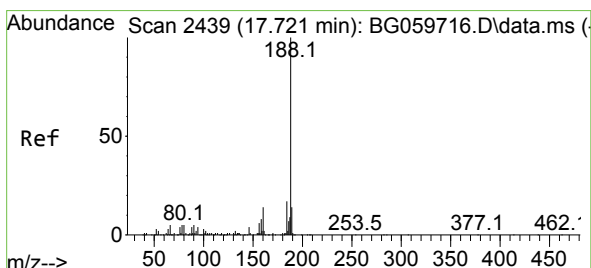
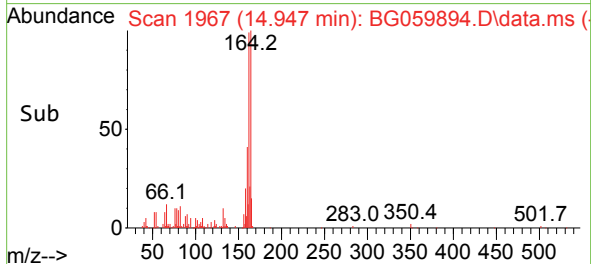
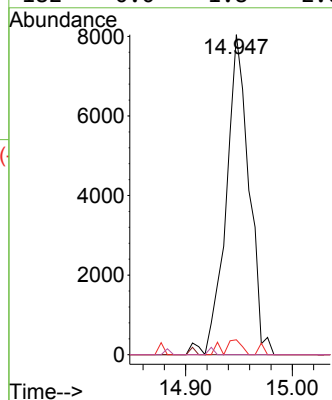
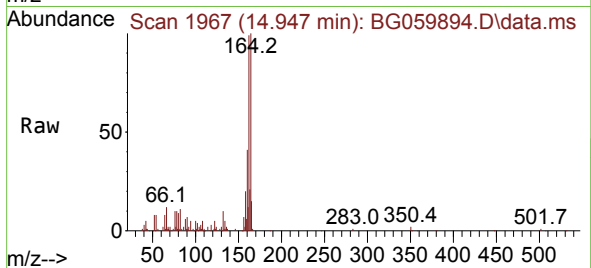
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 4.7 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.697 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BG059894.D

Acq: 25 Nov 2023 16:39

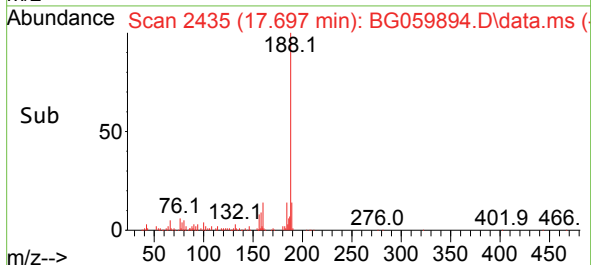
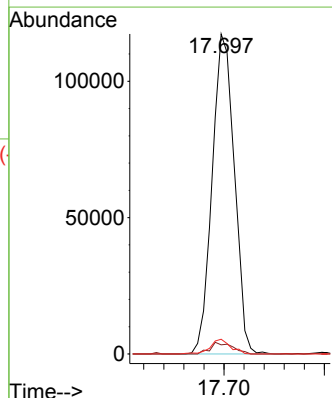
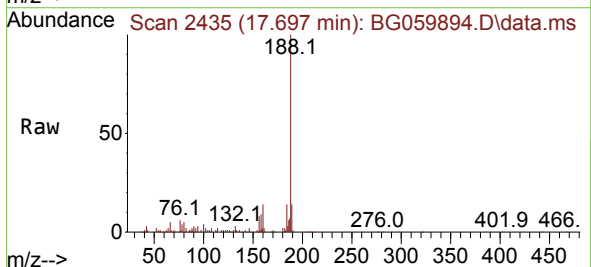
Tgt Ion:188 Resp: 180266

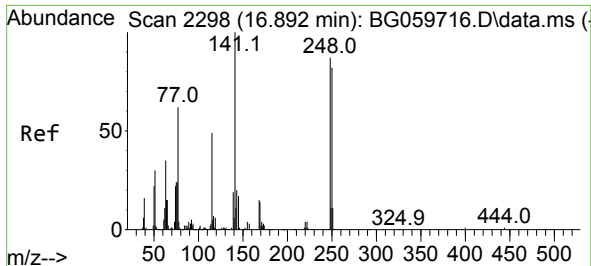
Ion Ratio Lower Upper

188 100

94 2.8 3.0 4.4#

80 4.6 4.2 6.4

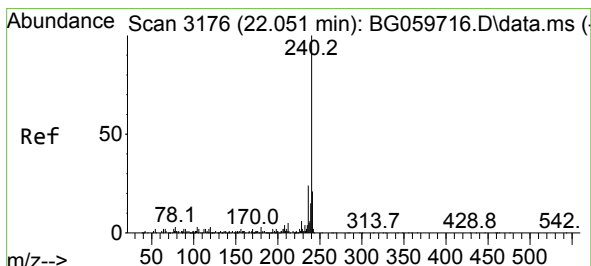
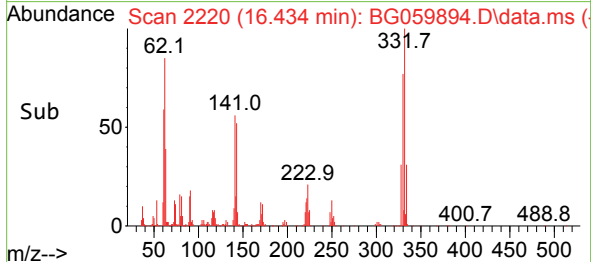
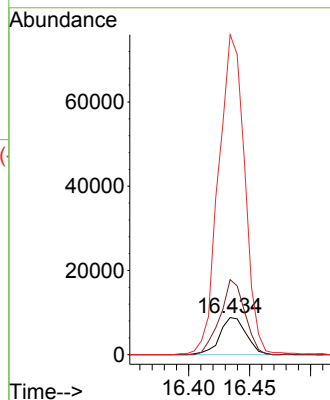
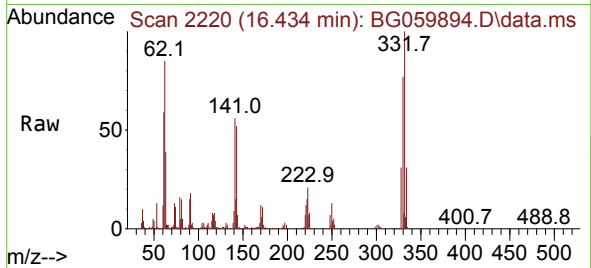




#67
4-Bromophenyl-phenylether
Concen: 6.870 ng
RT: 16.434 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

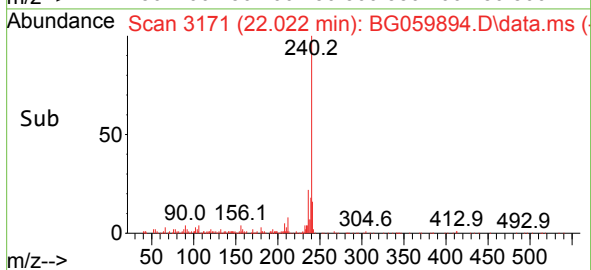
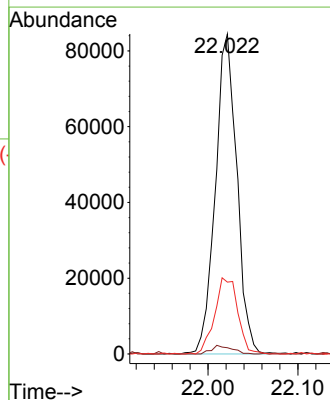
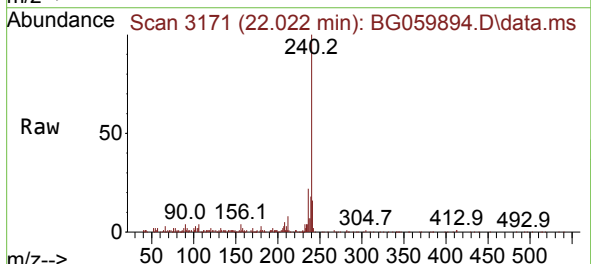
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

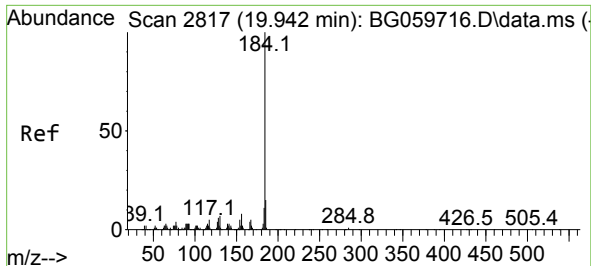
Tgt Ion:248 Resp: 13305
Ion Ratio Lower Upper
248 100
250 202.5 75.2 112.8#
141 863.1 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.022 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

Tgt Ion:240 Resp: 140127
Ion Ratio Lower Upper
240 100
120 1.9 2.2 3.2#
236 22.4 19.4 29.2

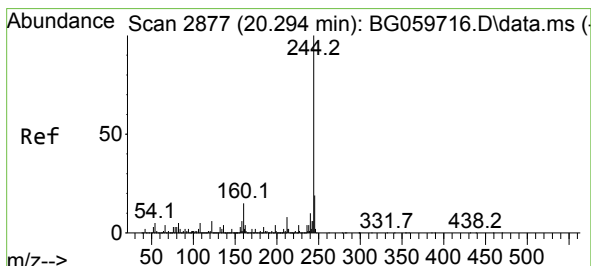
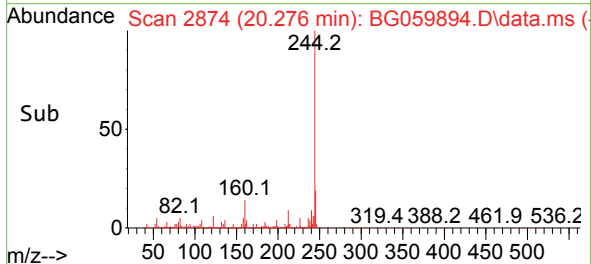
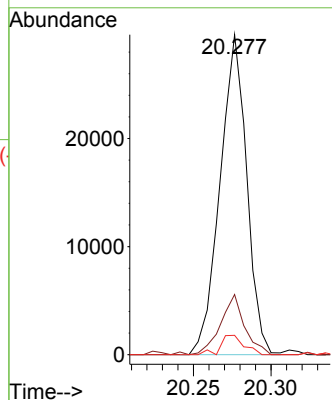
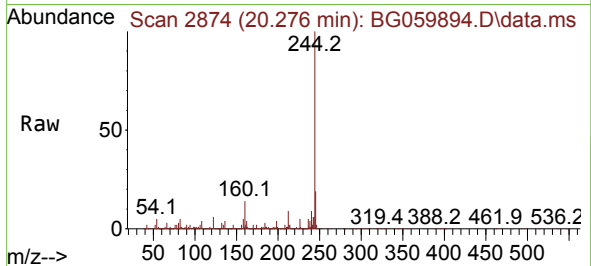




#77
Benzidine
Concen: 11.143 ng
RT: 20.276 min Scan# 2874
Delta R.T. 0.346 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

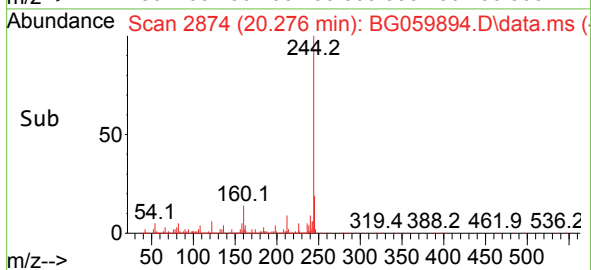
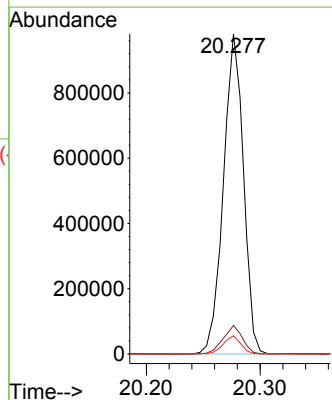
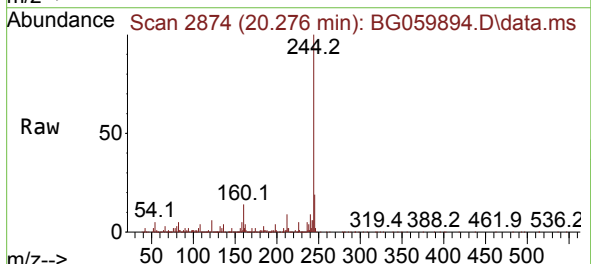
Instrument :
BNA_G
ClientSampleId :
WC-SED-03

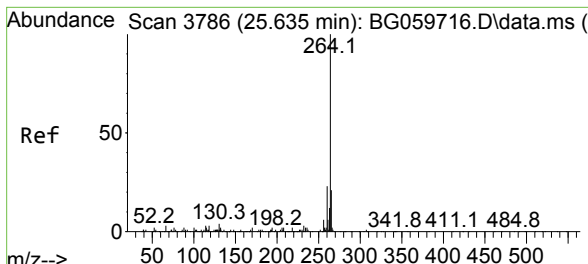
Tgt Ion:184 Resp: 35408
Ion Ratio Lower Upper
184 100
185 18.8 12.2 18.2#
183 6.1 8.8 13.2#



#79
Terphenyl-d14
Concen: 126.368 ng
RT: 20.276 min Scan# 2874
Delta R.T. -0.006 min
Lab File: BG059894.D
Acq: 25 Nov 2023 16:39

Tgt Ion:244 Resp: 1199497
Ion Ratio Lower Upper
244 100
212 8.9 6.6 10.0
122 5.7 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.594 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG059894.D
 Acq: 25 Nov 2023 16:39

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-03

Tgt Ion:264 Resp: 164932

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.5	27.7
265	20.7	17.0	25.6

