

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059831.D
 Acq On : 22 Nov 2023 23:47
 Operator : MA/JU
 Sample : 05449-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-02

Quant Time: Nov 23 01:31:52 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 17 01:51:38 2023
 Response via : Initial Calibration

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

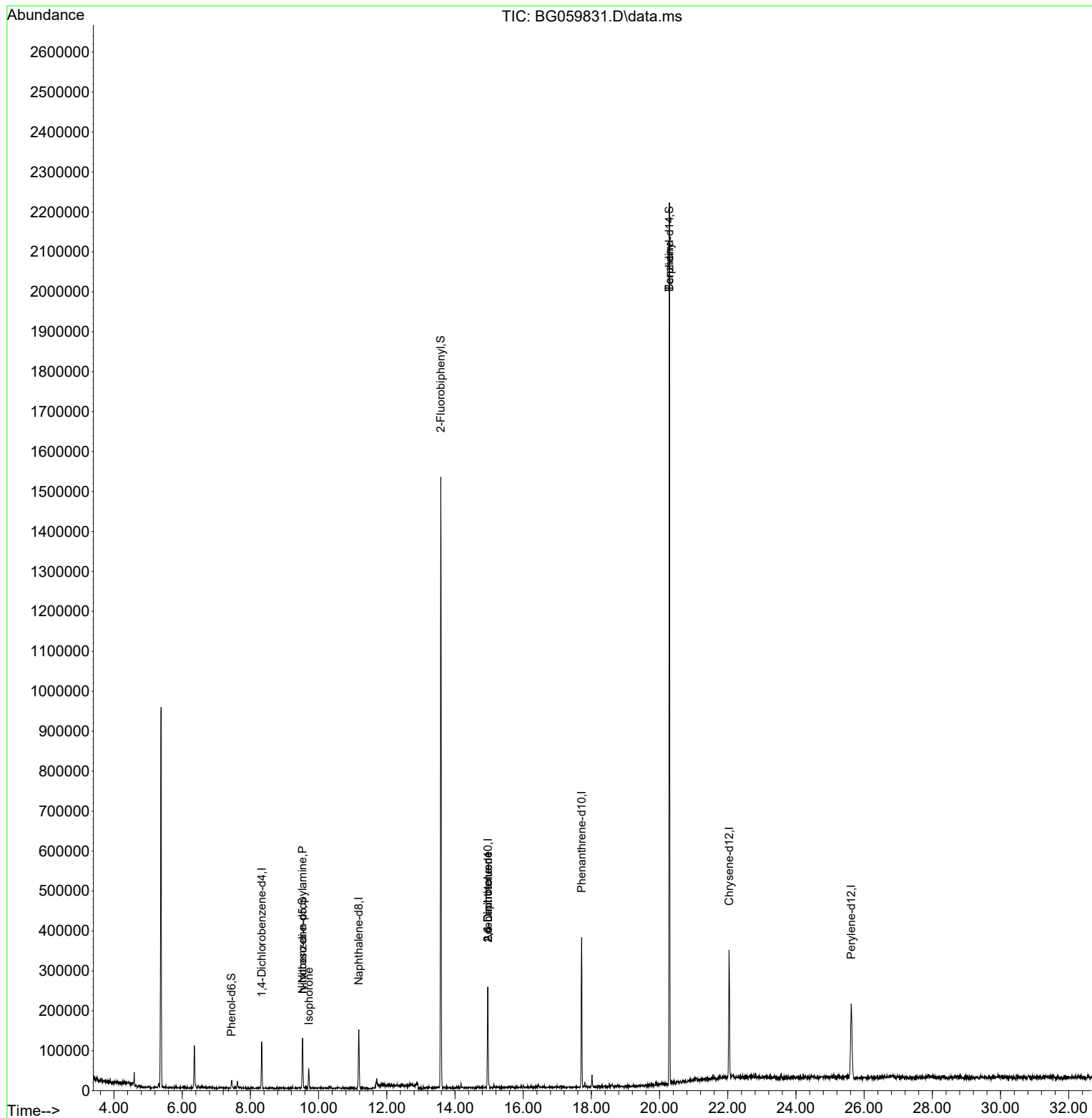
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	24093	20.000	ng	#-0.01
21) Naphthalene-d8	11.180	136	106232	20.000	ng	-0.01
39) Acenaphthene-d10	14.964	164	82229	20.000	ng	0.00
64) Phenanthrene-d10	17.714	188	203446	20.000	ng	# 0.00
76) Chrysene-d12	22.038	240	186248	20.000	ng	#-0.01
86) Perylene-d12	25.622	264	214488	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	1028	0.718	ng	-0.02
7) Phenol-d6	7.443	99	9432	4.446	ng	-0.01
23) Nitrobenzene-d5	9.529	82	79863	28.712	ng	-0.01
42) 2,4,6-Tribromophenol	16.444	330	1289	1.382	ng	-0.01
45) 2-Fluorobiphenyl	13.583	172	652271	106.773	ng	-0.01
79) Terphenyl-d14	20.287	244	935518	74.151	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.529	70	12142	7.269	ng	# 73
25) Isophorone	9.711	82	19121	4.095	ng	# 66
51) 2,6-Dinitrotoluene	14.964	165	11956	9.890	ng	# 10
57) 2,4-Dinitrotoluene	14.964	165	11956	6.431	ng	# 14
77) Benzidine	20.287	184	26213	6.207	ng	# 90

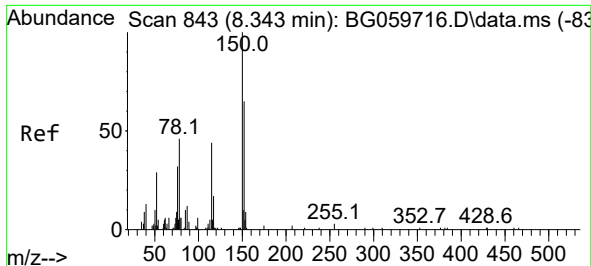
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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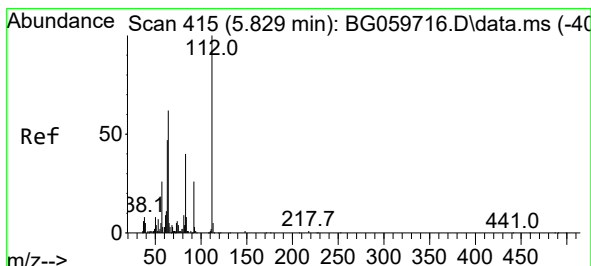
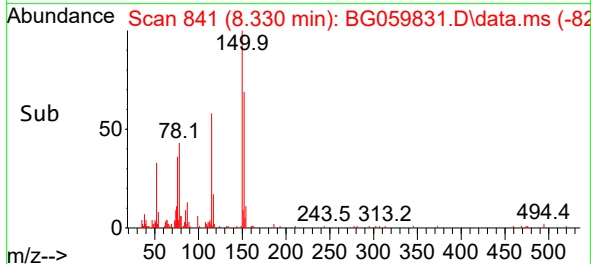
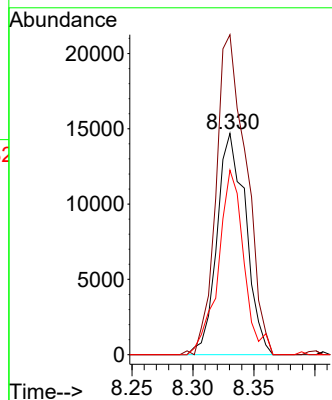
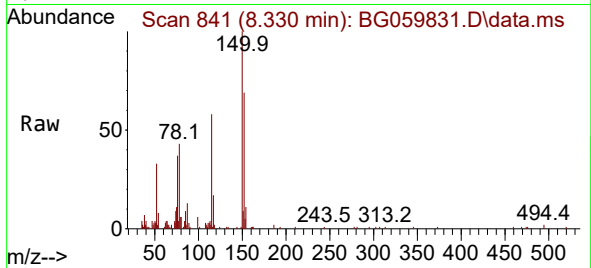




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.330 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

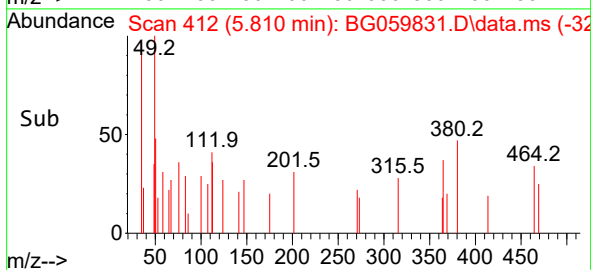
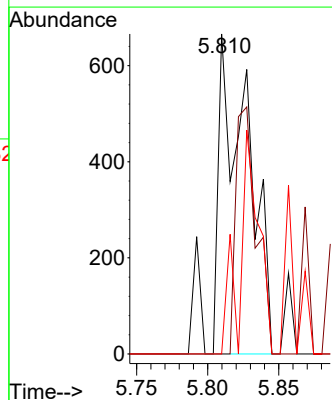
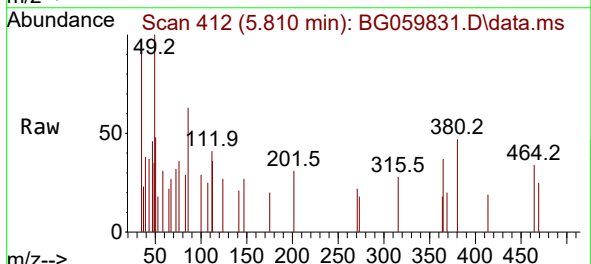
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

Tgt Ion:152 Resp: 24093
Ion Ratio Lower Upper
152 100
150 144.6 122.2 183.4
115 83.4 54.2 81.4#



#5
2-Fluorophenol
Concen: 0.718 ng
RT: 5.810 min Scan# 412
Delta R.T. -0.019 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

Tgt Ion:112 Resp: 1028
Ion Ratio Lower Upper
112 100
64 0.0 49.5 74.3#
63 0.0 37.4 56.2#

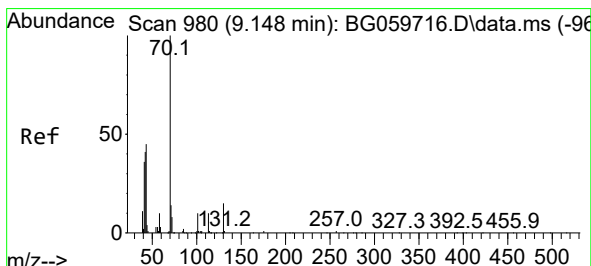
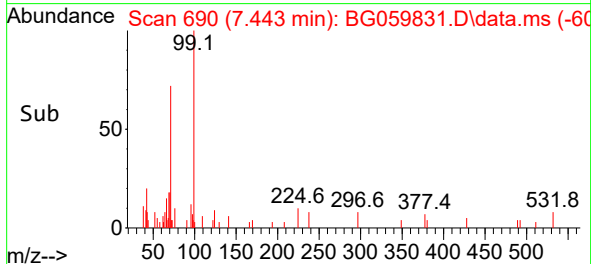
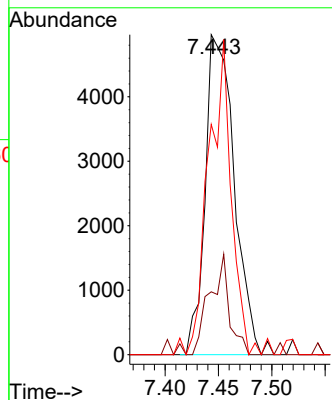
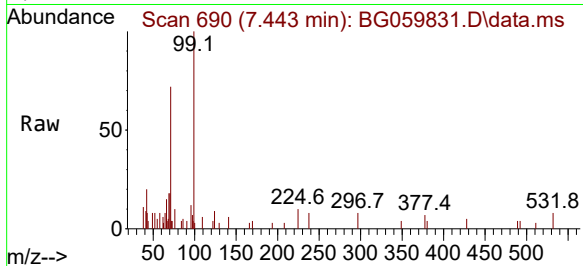




#7
Phenol-d6
Concen: 4.446 ng
RT: 7.443 min Scan# 692
Delta R.T. -0.013 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

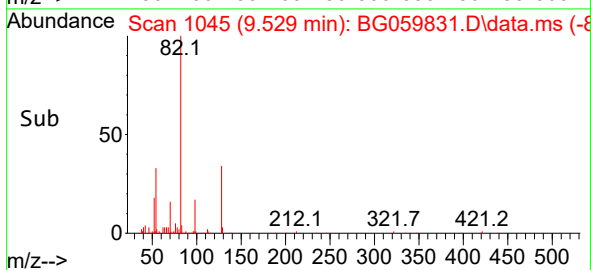
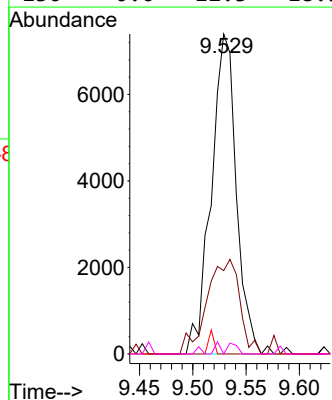
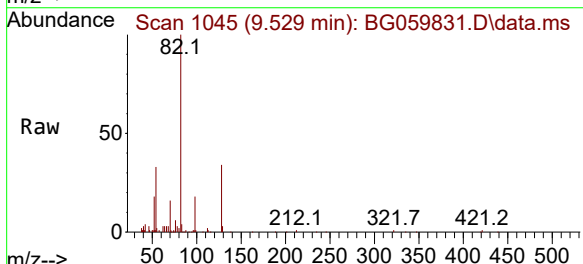
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

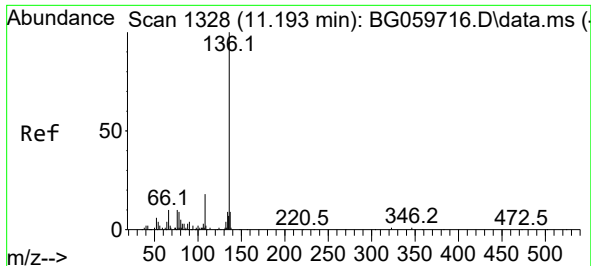
Tgt Ion: 99 Resp: 9432
Ion Ratio Lower Upper
99 100
42 19.7 14.3 21.5
71 71.9 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 7.269 ng
RT: 9.529 min Scan# 1045
Delta R.T. 0.381 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

Tgt Ion: 70 Resp: 12142
Ion Ratio Lower Upper
70 100
42 26.0 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

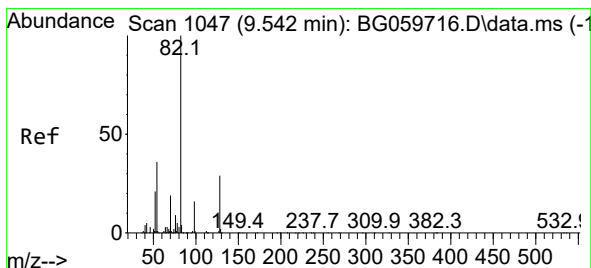
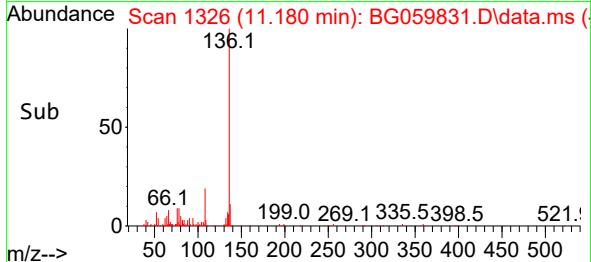
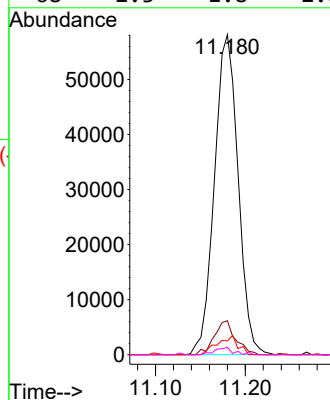
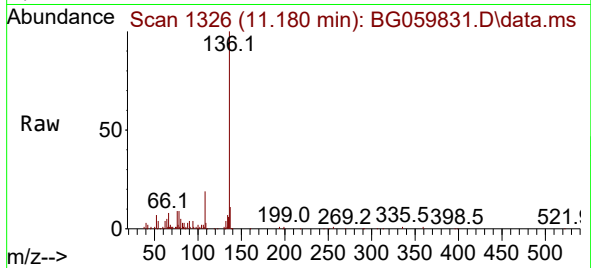




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

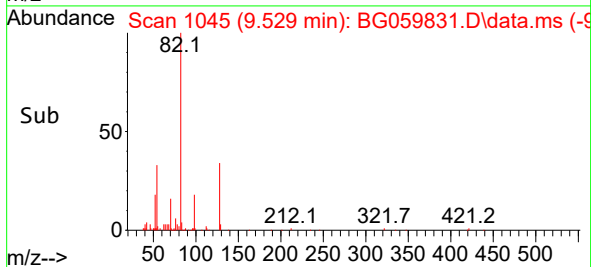
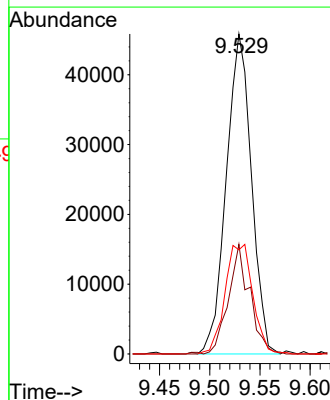
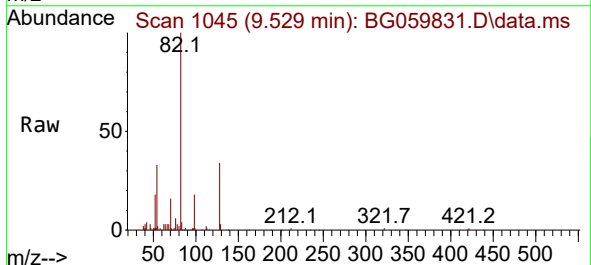
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

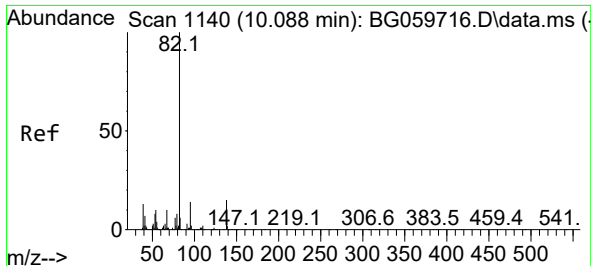
Tgt Ion:136	Resp:	106232
Ion Ratio	Lower	Upper
136	100	
137	10.6	7.4 11.0
54	4.2	3.1 4.7
68	2.3	1.8 2.8



#23
Nitrobenzene-d5
Concen: 28.712 ng
RT: 9.529 min Scan# 1045
Delta R.T. -0.013 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

Tgt Ion: 82	Resp:	79863
Ion Ratio	Lower	Upper
82	100	
128	34.3	23.0 34.6
54	32.5	28.7 43.1

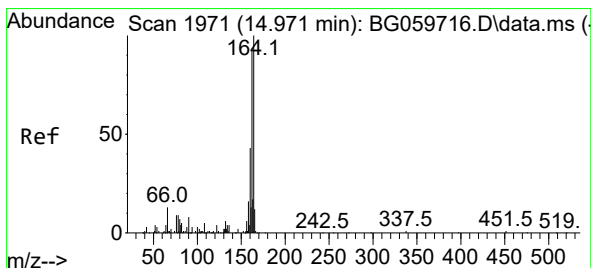
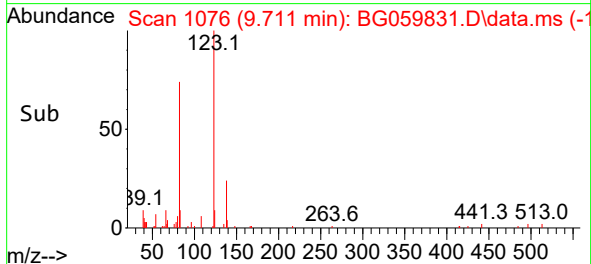
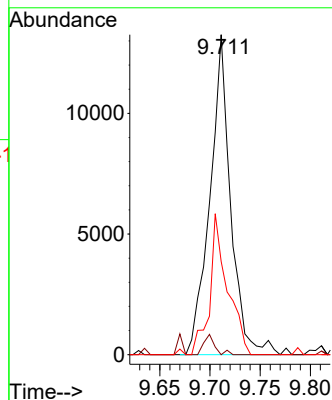
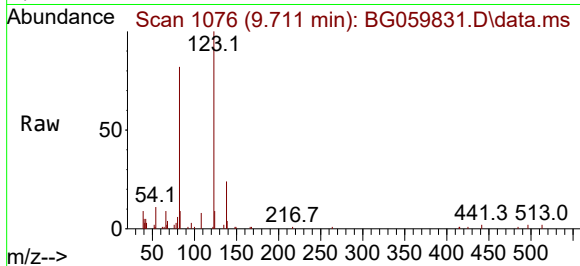




#25
Isophorone
Concen: 4.095 ng
RT: 9.711 min Scan# 1076
Delta R.T. -0.377 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

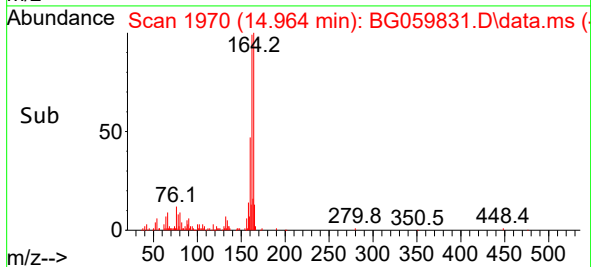
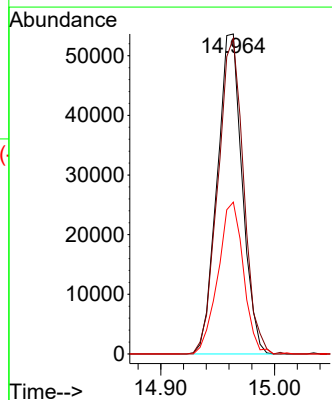
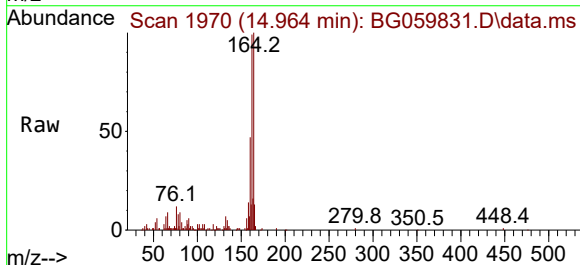
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

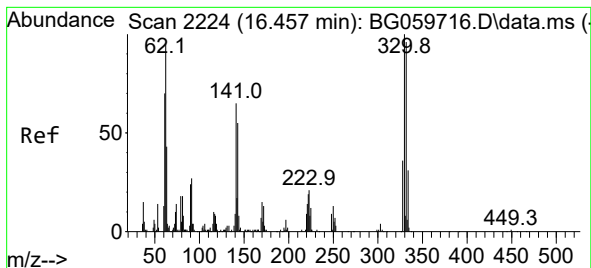
Tgt Ion:	82	Resp:	19121
Ion	Ratio	Lower	Upper
82	100		
95	0.0	11.4	17.0#
138	29.2	12.1	18.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.964 min Scan# 1970
Delta R.T. -0.007 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

Tgt Ion:	164	Resp:	82229
Ion	Ratio	Lower	Upper
164	100		
162	98.7	73.3	109.9
160	47.4	34.1	51.1





#42

2,4,6-Tribromophenol

Concen: 1.382 ng

RT: 16.444 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG059831.D

Acq: 22 Nov 2023 23:47

Instrument :

BNA_G

ClientSampleId :

WC-SED-02

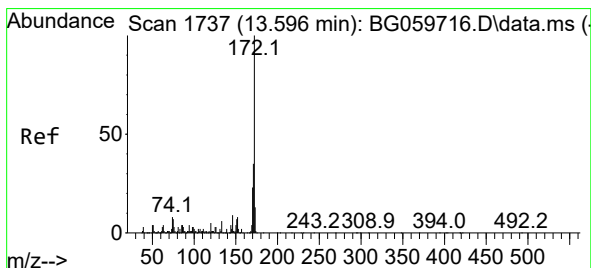
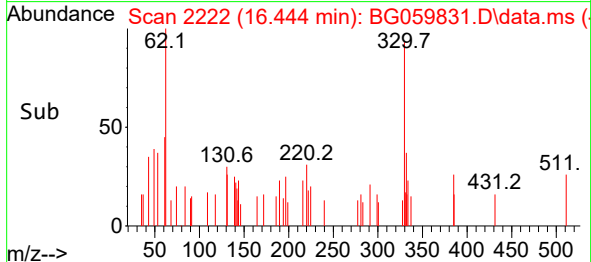
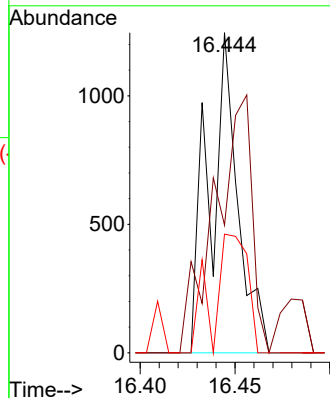
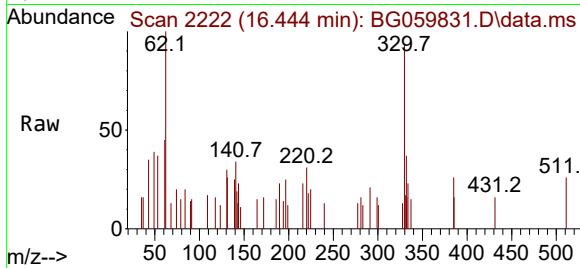
Tgt Ion:330 Resp: 1289

Ion Ratio Lower Upper

330 100

332 104.7 73.3 109.9

141 45.5 52.1 78.1#



#45

2-Fluorobiphenyl

Concen: 106.773 ng

RT: 13.583 min Scan# 1735

Delta R.T. -0.013 min

Lab File: BG059831.D

Acq: 22 Nov 2023 23:47

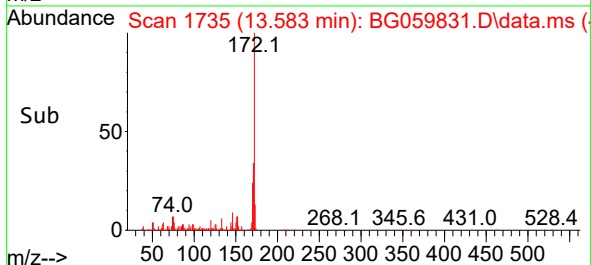
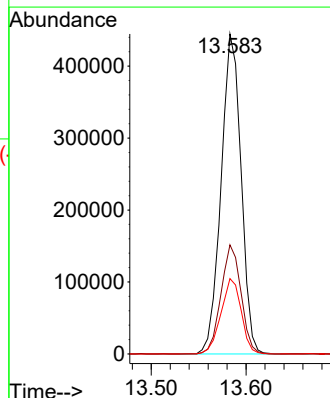
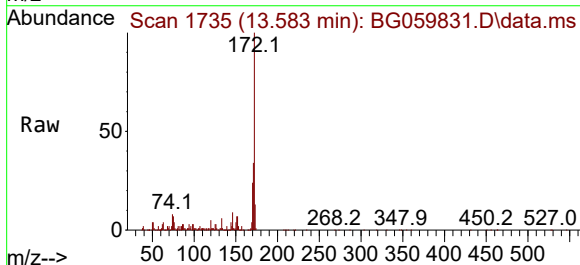
Tgt Ion:172 Resp: 652271

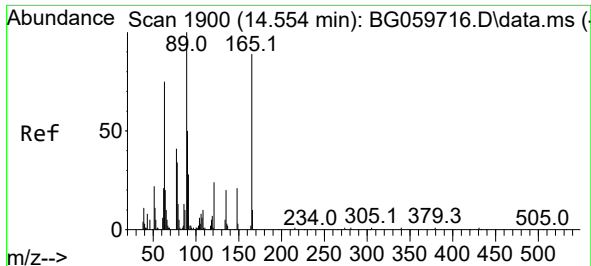
Ion Ratio Lower Upper

172 100

171 34.1 27.7 41.5

170 23.6 18.4 27.6

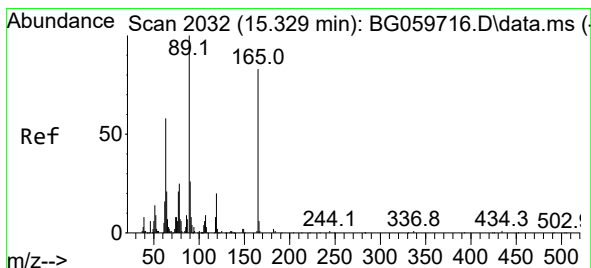
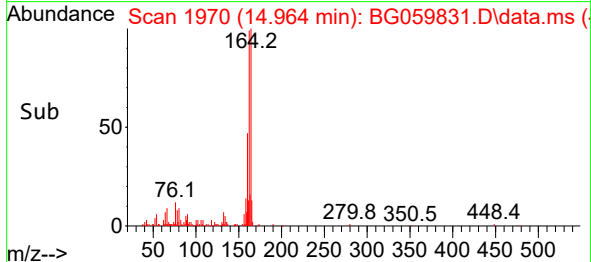
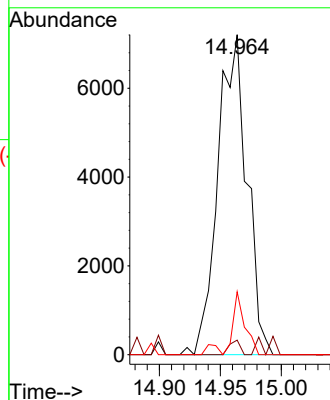
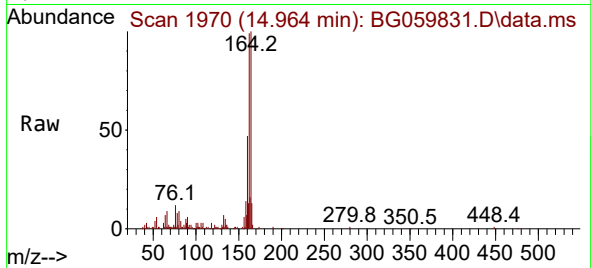




#51
2,6-Dinitrotoluene
Concen: 9.890 ng
RT: 14.964 min Scan# 1900
Delta R.T. 0.410 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

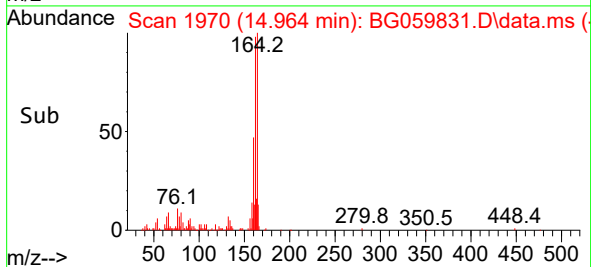
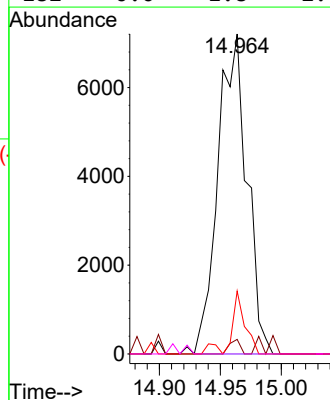
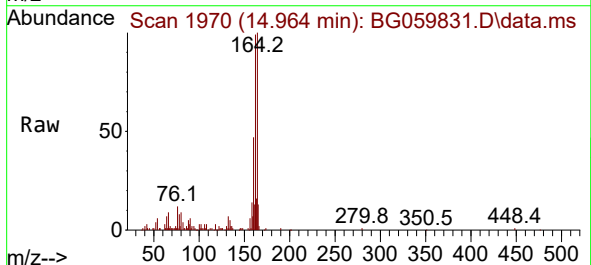
Instrument :
BNA_G
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WC-SED-02

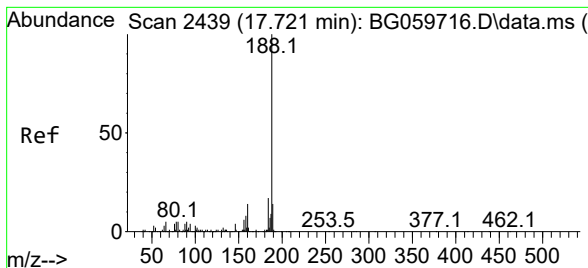
Tgt Ion:165 Resp: 11956
Ion Ratio Lower Upper
165 100
63 4.6 75.3 112.9#
89 19.7 90.9 136.3#



#57
2,4-Dinitrotoluene
Concen: 6.431 ng
RT: 14.964 min Scan# 1970
Delta R.T. -0.366 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

Tgt Ion:165 Resp: 11956
Ion Ratio Lower Upper
165 100
63 4.6 55.8 83.8#
89 19.7 96.9 145.3#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.714 min Scan# 2438

Delta R.T. -0.007 min

Lab File: BG059831.D

Acq: 22 Nov 2023 23:47

Instrument :

BNA_G

ClientSampleId :

WC-SED-02

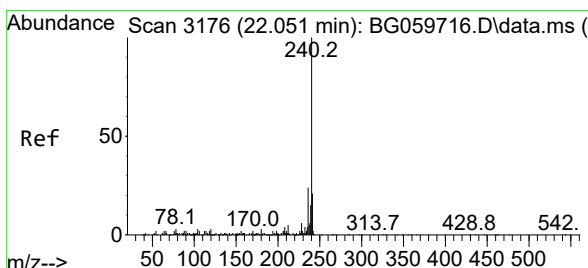
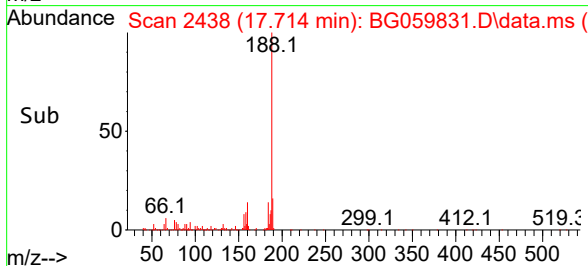
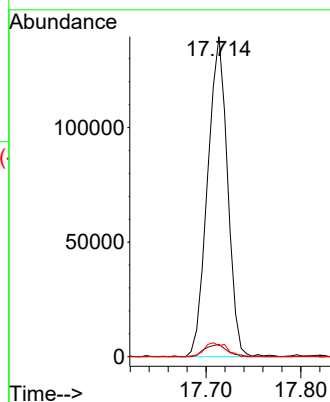
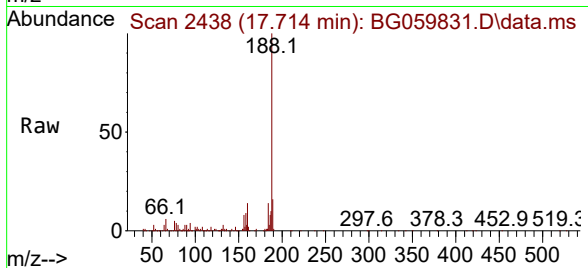
Tgt Ion:188 Resp: 203446

Ion Ratio Lower Upper

188 100

94 3.8 3.0 4.4

80 3.5 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.038 min Scan# 3174

Delta R.T. -0.013 min

Lab File: BG059831.D

Acq: 22 Nov 2023 23:47

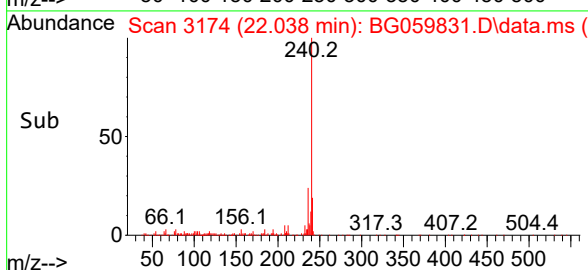
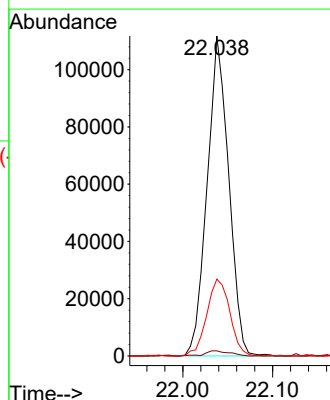
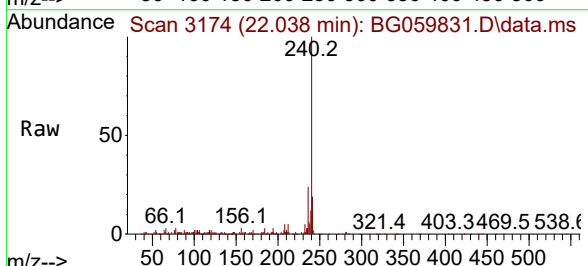
Tgt Ion:240 Resp: 186248

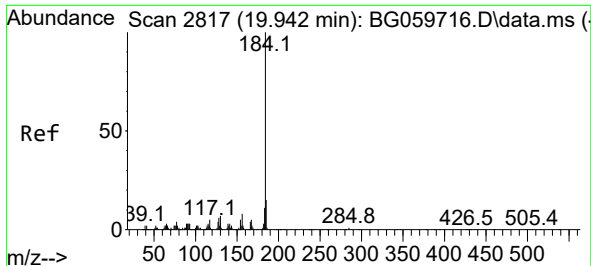
Ion Ratio Lower Upper

240 100

120 1.6 2.2 3.2#

236 24.0 19.4 29.2

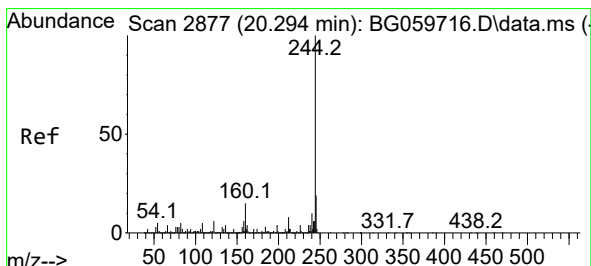
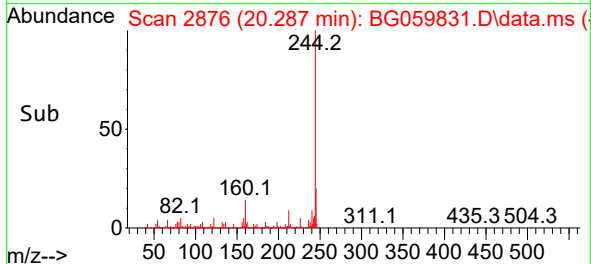
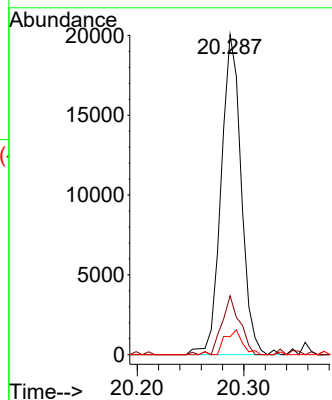
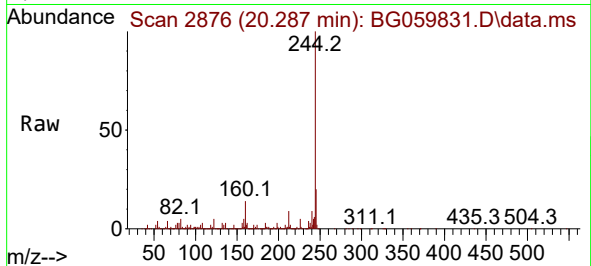




#77
Benzidine
Concen: 6.207 ng
RT: 20.287 min Scan# 2876
Delta R.T. 0.345 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

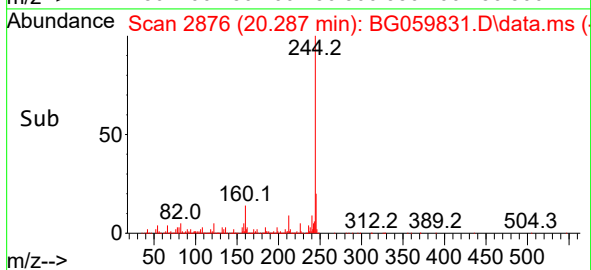
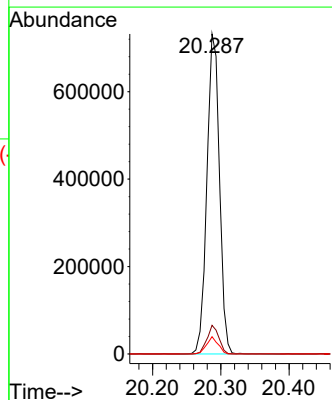
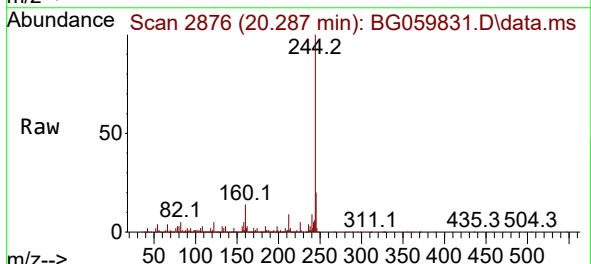
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

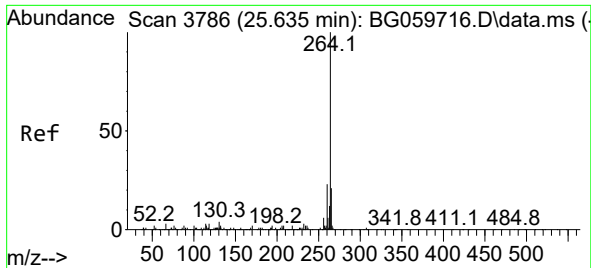
Tgt Ion:184 Resp: 26213
Ion Ratio Lower Upper
184 100
185 18.4 12.2 18.2#
183 5.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 74.151 ng
RT: 20.287 min Scan# 2876
Delta R.T. -0.007 min
Lab File: BG059831.D
Acq: 22 Nov 2023 23:47

Tgt Ion:244 Resp: 935518
Ion Ratio Lower Upper
244 100
212 9.0 6.6 10.0
122 5.4 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.622 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: BG059831.D
 Acq: 22 Nov 2023 23:47

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-02

Tgt Ion:264 Resp: 214488
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 23.7 17.0 25.6

