

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059827.D
 Acq On : 22 Nov 2023 21:04
 Operator : MA/JU
 Sample : 05449-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SED-02

Quant Time: Nov 23 01:30:12 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)

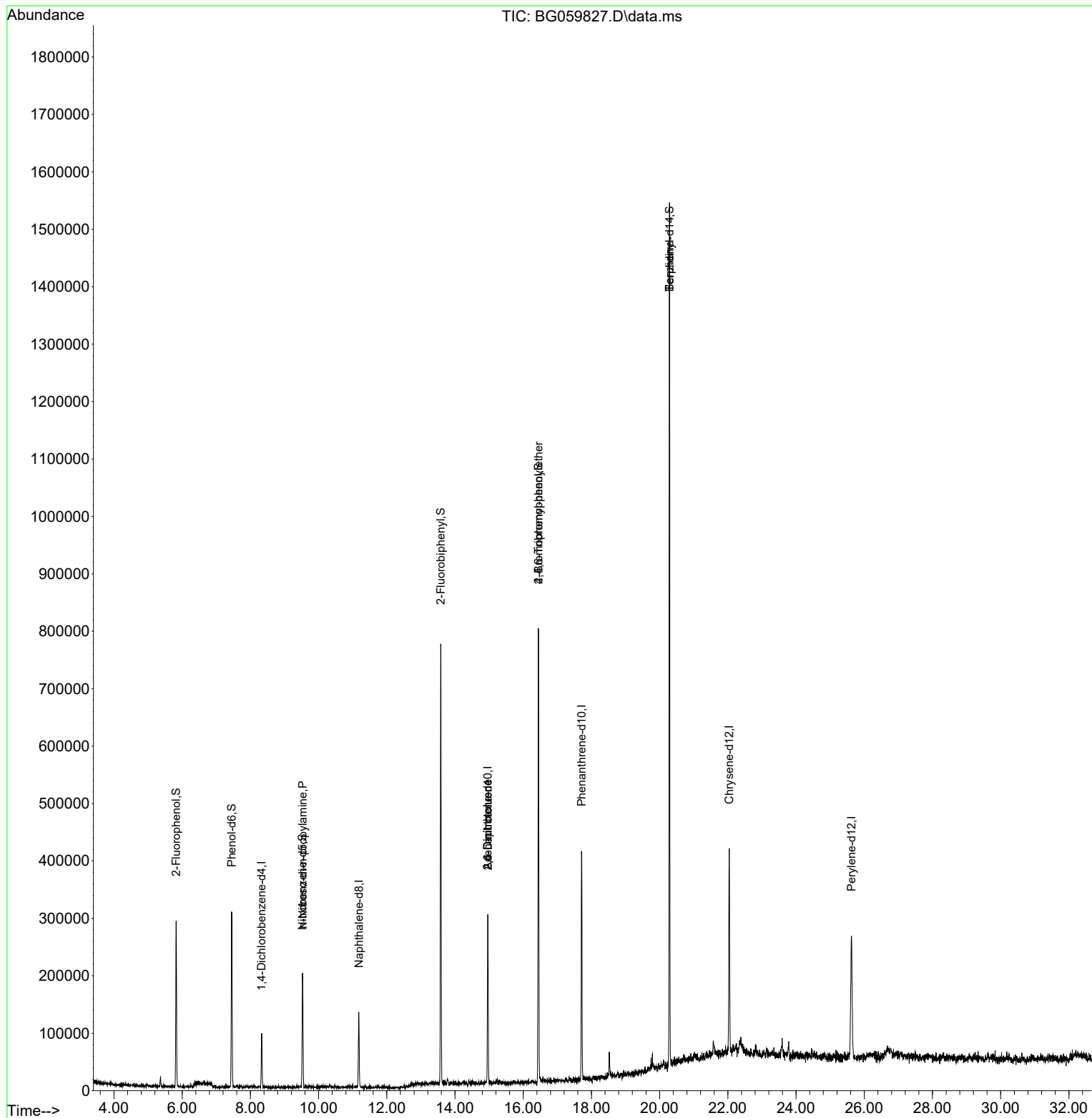
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.327	152	18957	20.000	ng	-0.02
21) Naphthalene-d8	11.182	136	91236	20.000	ng	#-0.01
39) Acenaphthene-d10	14.960	164	90456	20.000	ng	#-0.01
64) Phenanthrene-d10	17.710	188	225336	20.000	ng	#-0.01
76) Chrysene-d12	22.040	240	191862	20.000	ng	#-0.01
86) Perylene-d12	25.624	264	248411	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.824	112	97000	86.124	ng	0.00
7) Phenol-d6	7.451	99	134780	80.753	ng	0.00
23) Nitrobenzene-d5	9.525	82	122262	51.180	ng	-0.02
42) 2,4,6-Tribromophenol	16.447	330	102590	99.958	ng	-0.01
45) 2-Fluorobiphenyl	13.585	172	329557	49.040	ng	-0.01
79) Terphenyl-d14	20.289	244	608579	46.826	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.531	70	21634	16.460	ng	# 83
51) 2,6-Dinitrotoluene	14.960	165	12604	9.478	ng	# 2
57) 2,4-Dinitrotoluene	14.960	165	12604	6.163	ng	# 6
67) 4-Bromophenyl-phenylether	16.447	248	8597	3.551	ng	# 1
77) Benzidine	20.289	184	20220	4.648	ng	# 92

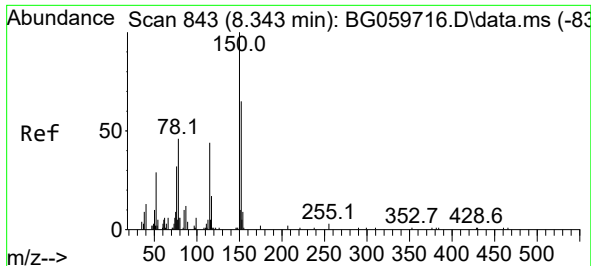
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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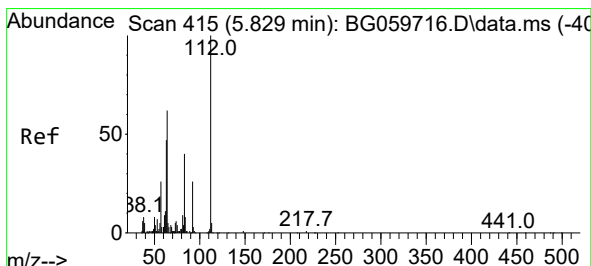
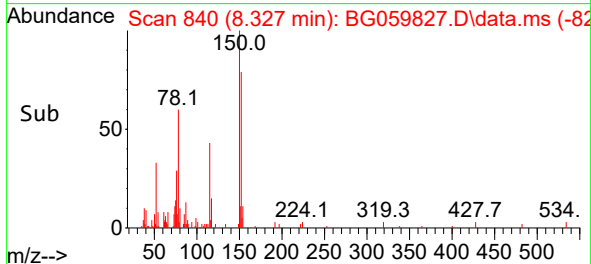
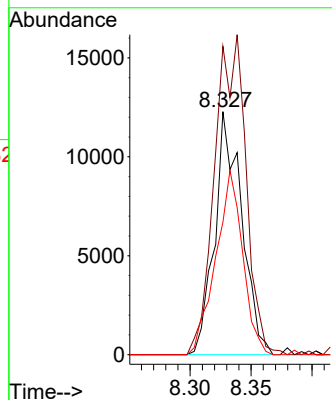
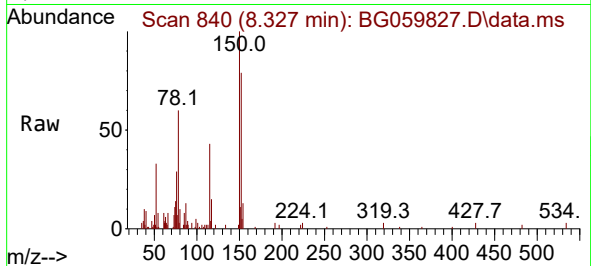




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.327 min Scan# 84
Delta R.T. -0.016 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

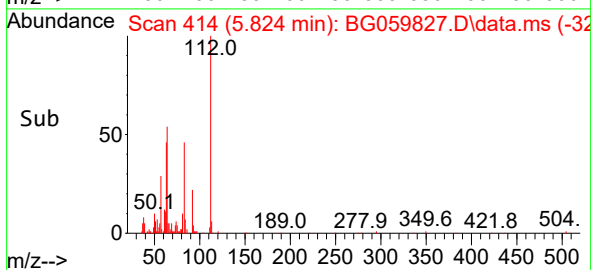
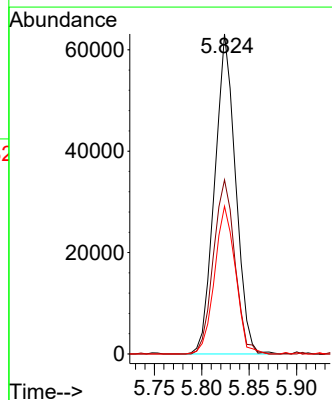
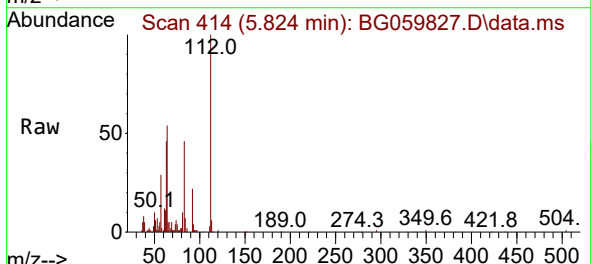
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

Tgt Ion:152 Resp: 18957
Ion Ratio Lower Upper
152 100
150 126.8 122.2 183.4
115 54.5 54.2 81.4



#5
2-Fluorophenol
Concen: 86.124 ng
RT: 5.824 min Scan# 414
Delta R.T. -0.005 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

Tgt Ion:112 Resp: 97000
Ion Ratio Lower Upper
112 100
64 54.4 49.5 74.3
63 46.1 37.4 56.2

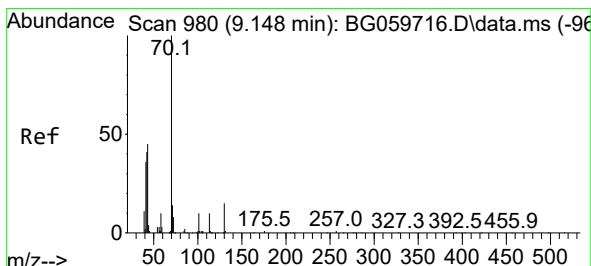
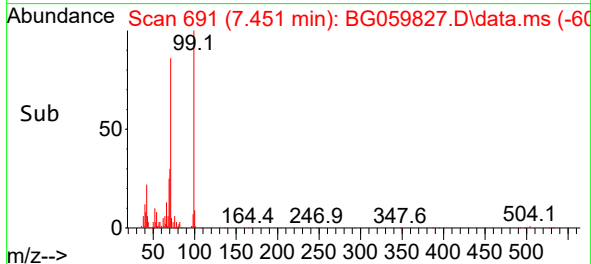
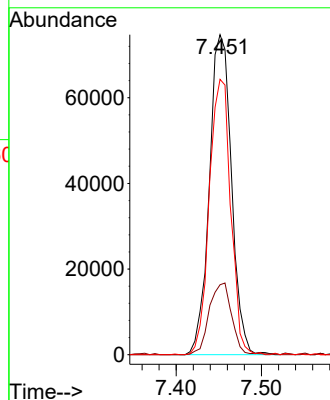
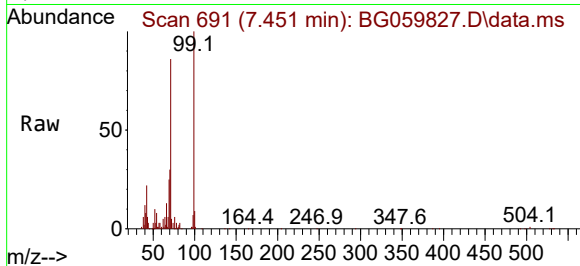




#7
Phenol-d6
Concen: 80.753 ng
RT: 7.451 min Scan# 691
Delta R.T. -0.005 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

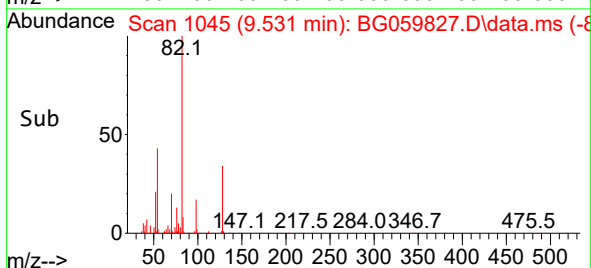
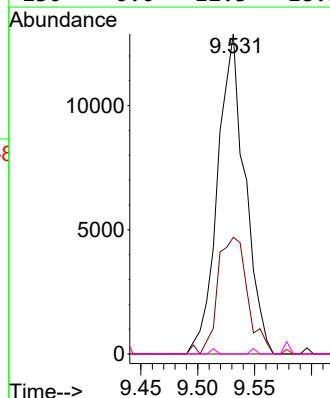
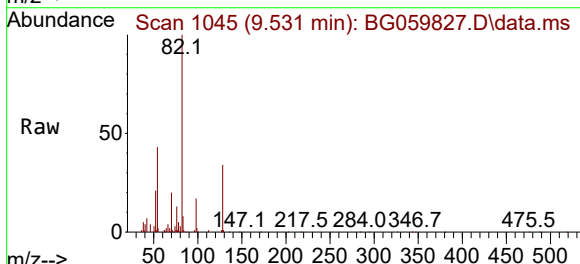
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

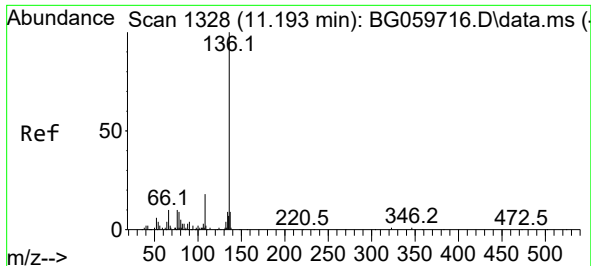
Tgt Ion: 99 Resp: 134780
Ion Ratio Lower Upper
99 100
42 21.9 14.3 21.5#
71 86.1 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.460 ng
RT: 9.531 min Scan# 1045
Delta R.T. 0.383 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

Tgt Ion: 70 Resp: 21634
Ion Ratio Lower Upper
70 100
42 36.5 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

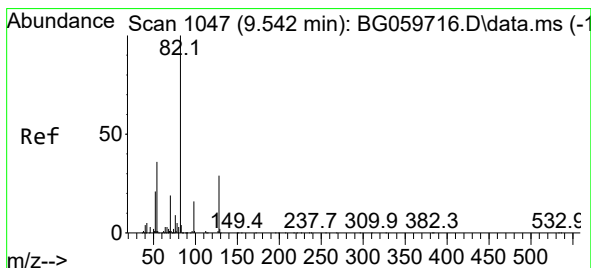
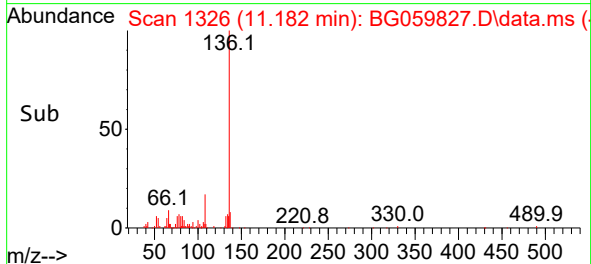
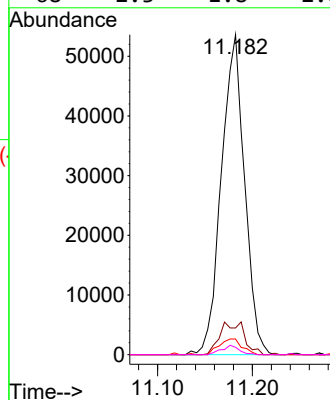
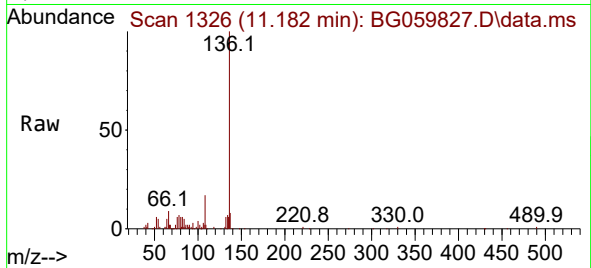




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.182 min Scan# 111
Delta R.T. -0.011 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

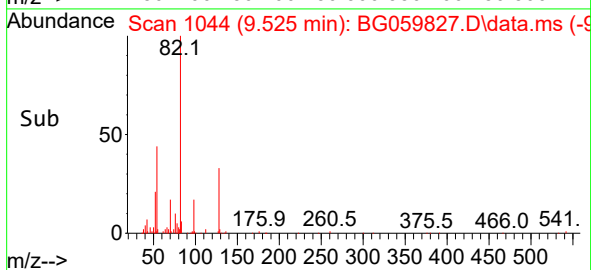
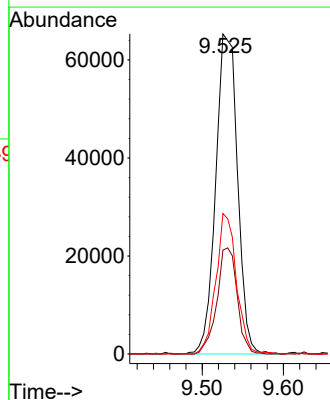
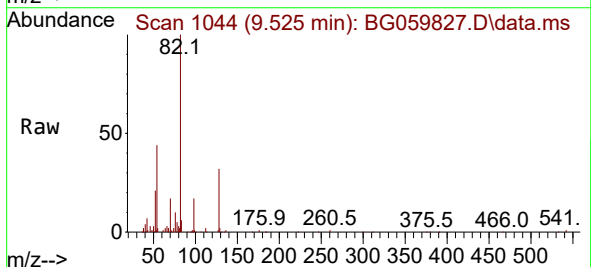
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

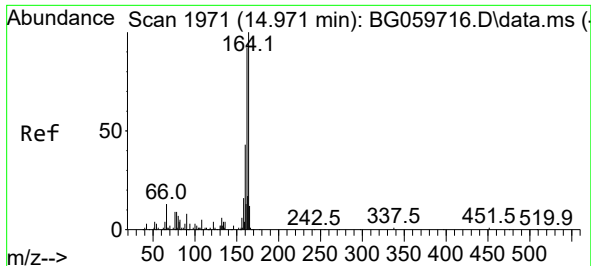
Tgt Ion:	136	Resp:	91236
Ion Ratio	Lower	Upper	
136	100		
137	8.3	7.4	11.0
54	4.9	3.1	4.7#
68	2.3	1.8	2.8



#23
Nitrobenzene-d5
Concen: 51.180 ng
RT: 9.525 min Scan# 1044
Delta R.T. -0.017 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

Tgt Ion:	82	Resp:	122262
Ion Ratio	Lower	Upper	
82	100		
128	32.5	23.0	34.6
54	43.9	28.7	43.1#

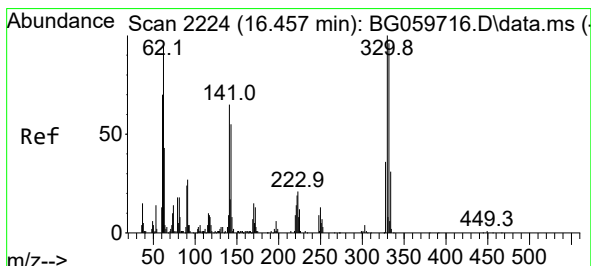
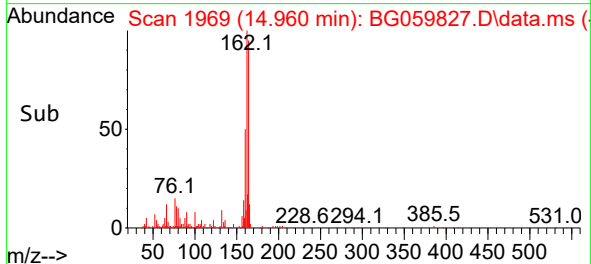
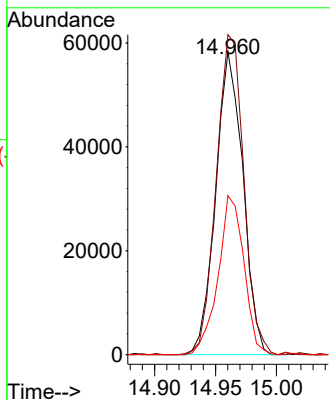
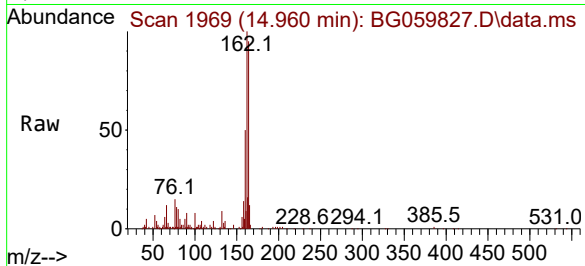




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.960 min Scan# 1969
Delta R.T. -0.011 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

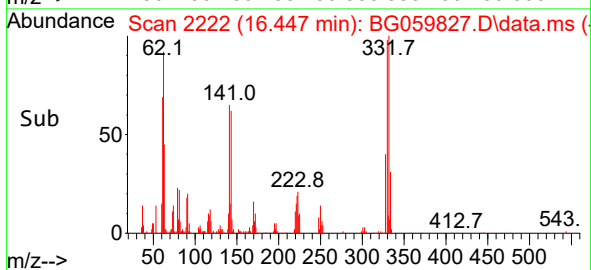
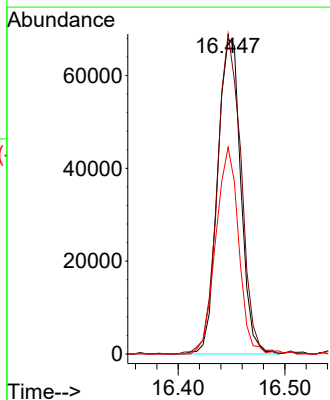
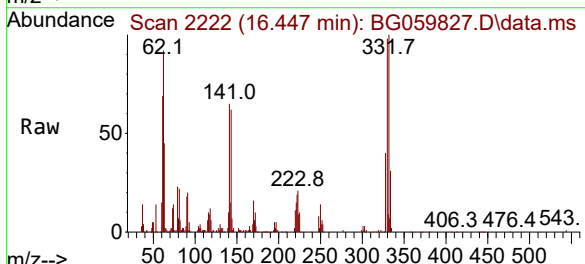
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

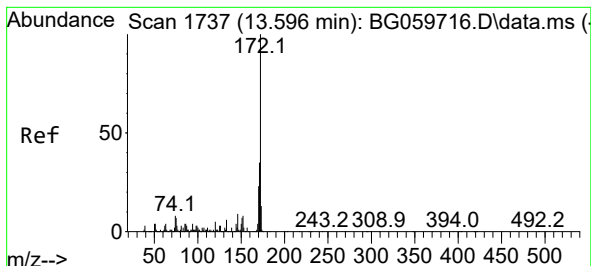
Tgt Ion:164 Resp: 90456
Ion Ratio Lower Upper
164 100
162 105.7 73.3 109.9
160 52.5 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 99.958 ng
RT: 16.447 min Scan# 2222
Delta R.T. -0.011 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

Tgt Ion:330 Resp: 102590
Ion Ratio Lower Upper
330 100
332 104.1 73.3 109.9
141 64.4 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 49.040 ng

RT: 13.585 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG059827.D

Acq: 22 Nov 2023 21:04

Instrument :

BNA_G

ClientSampleId :

WC-SED-02

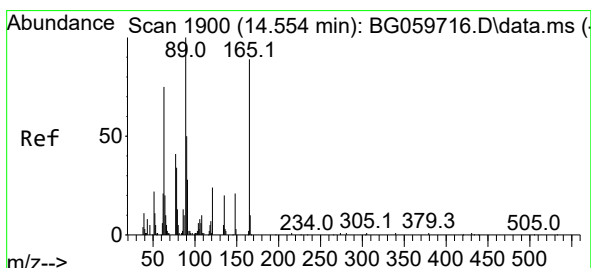
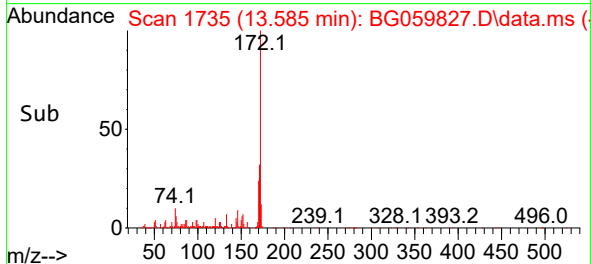
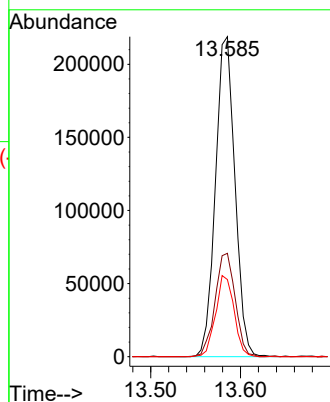
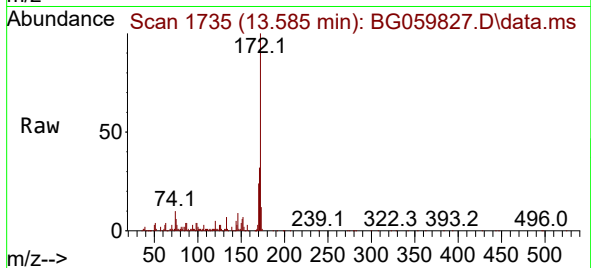
Tgt Ion:172 Resp: 329557

Ion Ratio Lower Upper

172 100

171 32.3 27.7 41.5

170 24.1 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 9.478 ng

RT: 14.960 min Scan# 1969

Delta R.T. 0.406 min

Lab File: BG059827.D

Acq: 22 Nov 2023 21:04

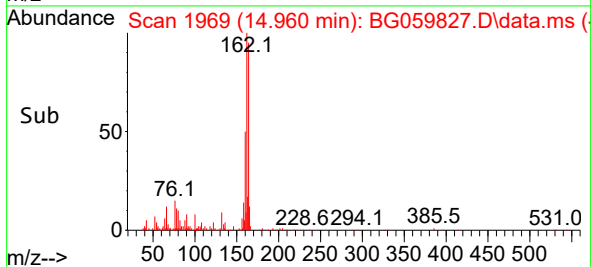
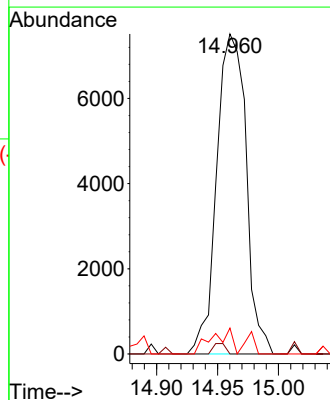
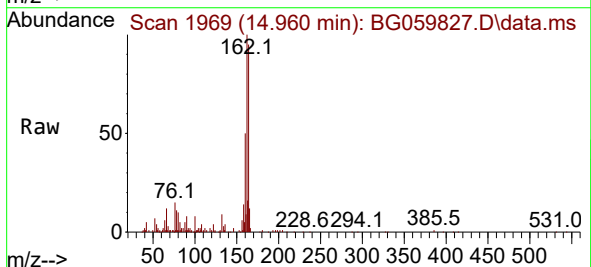
Tgt Ion:165 Resp: 12604

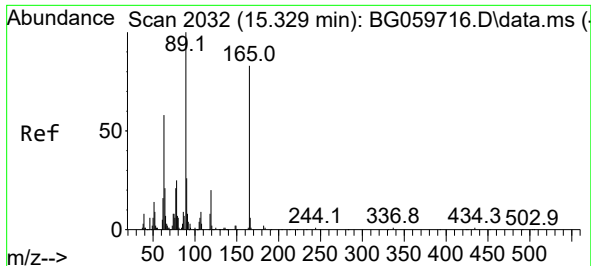
Ion Ratio Lower Upper

165 100

63 0.0 75.3 112.9#

89 8.1 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 6.163 ng

RT: 14.960 min Scan# 1969

Delta R.T. -0.369 min

Lab File: BG059827.D

Acq: 22 Nov 2023 21:04

Instrument :

BNA_G

ClientSampleId :

WC-SED-02

Tgt Ion:165 Resp: 12604

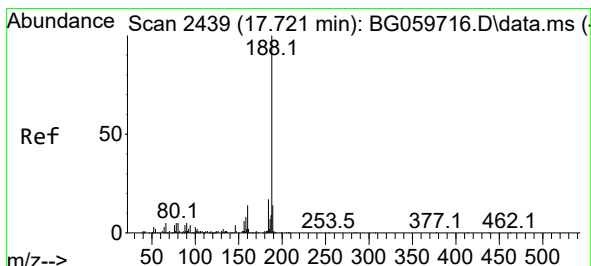
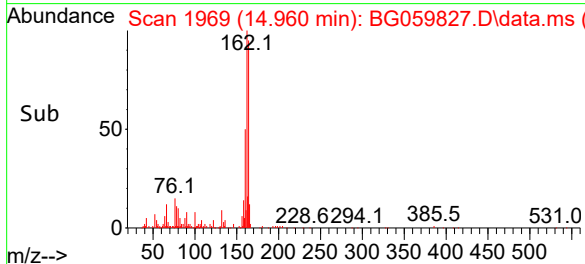
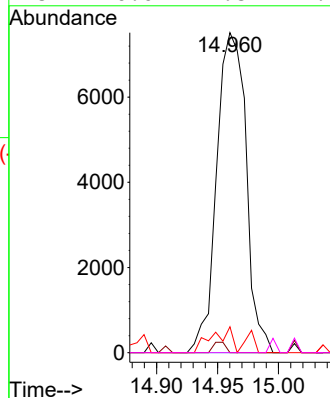
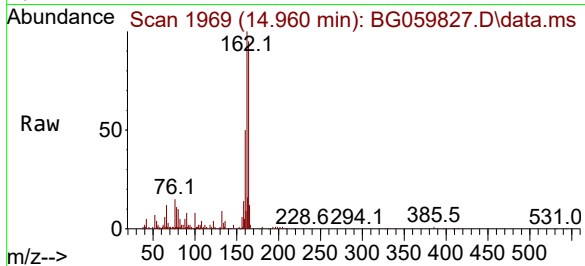
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 8.1 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.710 min Scan# 2437

Delta R.T. -0.011 min

Lab File: BG059827.D

Acq: 22 Nov 2023 21:04

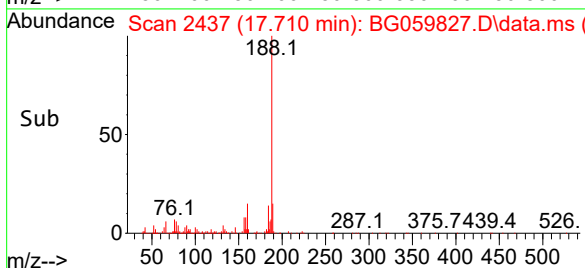
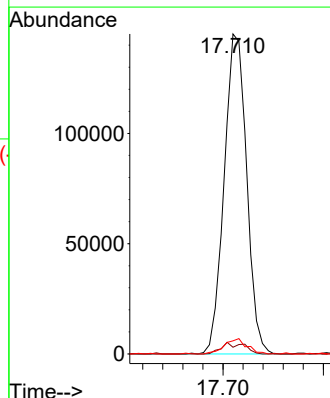
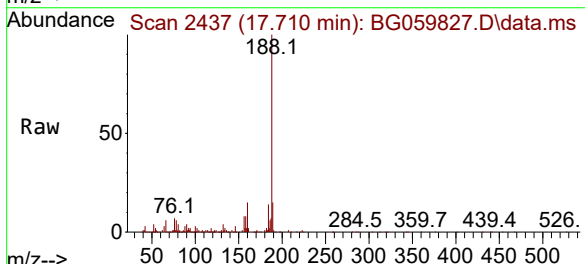
Tgt Ion:188 Resp: 225336

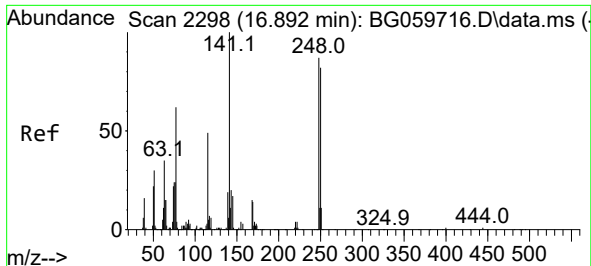
Ion Ratio Lower Upper

188 100

94 2.1 3.0 4.4#

80 4.1 4.2 6.4#

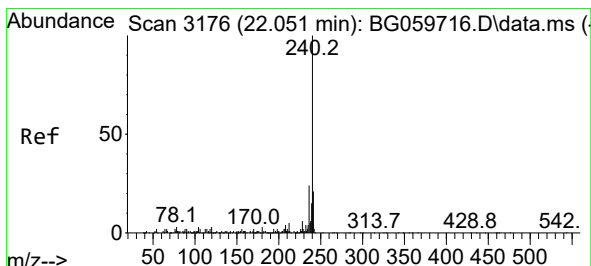
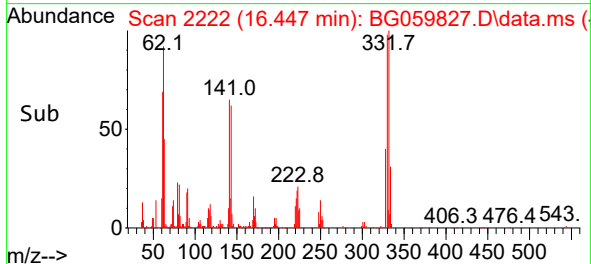
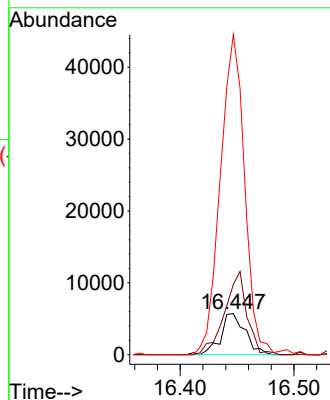
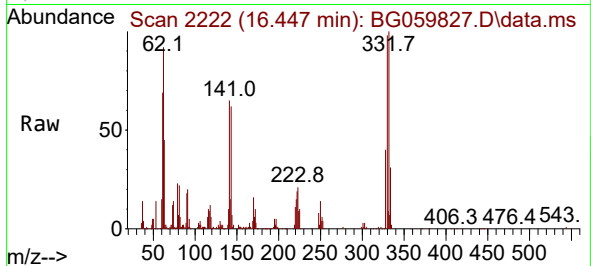




#67
4-Bromophenyl-phenylether
Concen: 3.551 ng
RT: 16.447 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

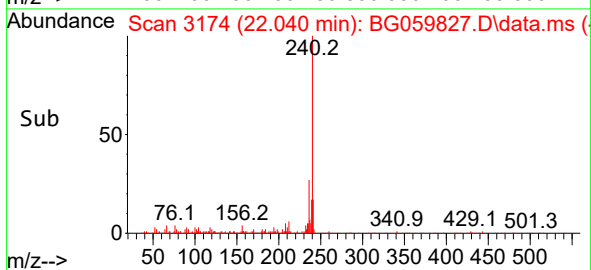
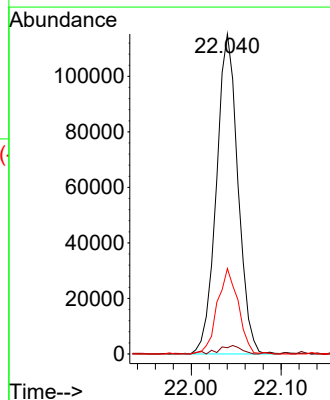
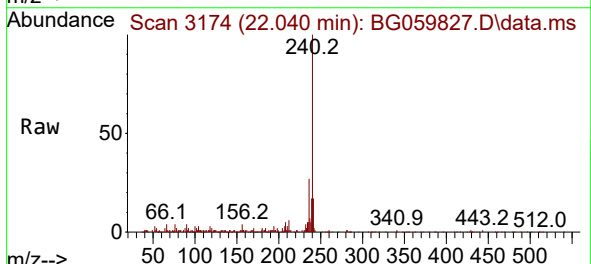
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

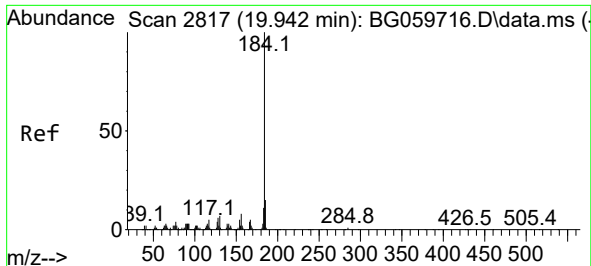
Tgt Ion:248 Resp: 8597
Ion Ratio Lower Upper
248 100
250 170.8 75.2 112.8#
141 778.3 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.040 min Scan# 3174
Delta R.T. -0.011 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

Tgt Ion:240 Resp: 191862
Ion Ratio Lower Upper
240 100
120 1.9 2.2 3.2#
236 26.7 19.4 29.2

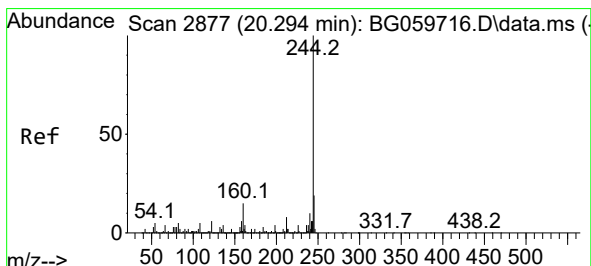
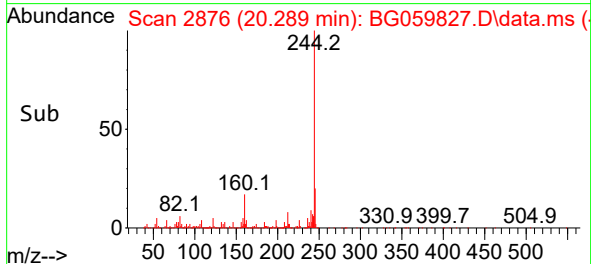
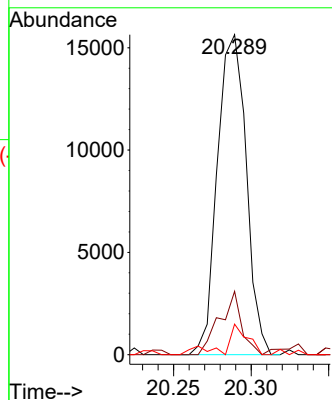
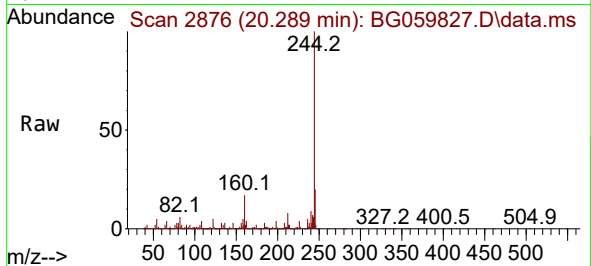




#77
Benzidine
Concen: 4.648 ng
RT: 20.289 min Scan# 2876
Delta R.T. 0.348 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

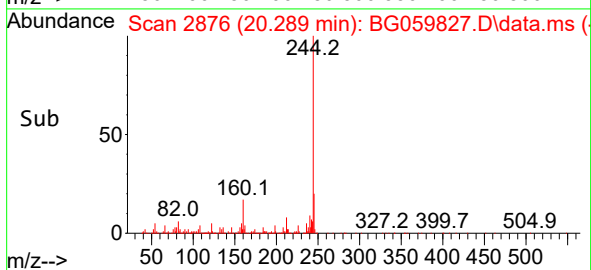
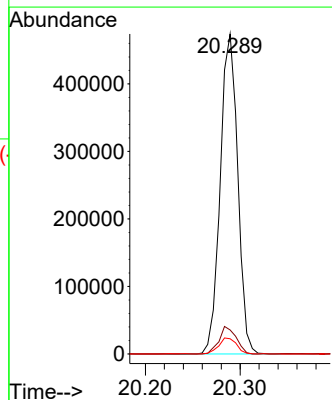
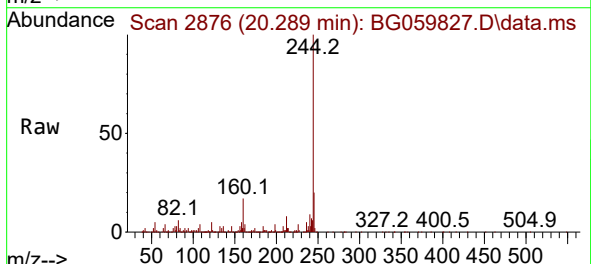
Instrument :
BNA_G
ClientSampleId :
WC-SED-02

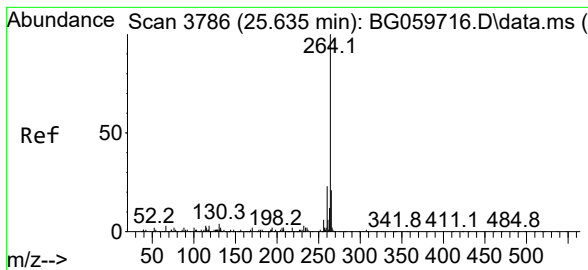
Tgt Ion:184 Resp: 20220
Ion Ratio Lower Upper
184 100
185 19.8 12.2 18.2#
183 9.5 8.8 13.2



#79
Terphenyl-d14
Concen: 46.826 ng
RT: 20.289 min Scan# 2876
Delta R.T. -0.005 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

Tgt Ion:244 Resp: 608579
Ion Ratio Lower Upper
244 100
212 7.5 6.6 10.0
122 4.8 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.624 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG059827.D
Acq: 22 Nov 2023 21:04

Instrument :
BNA_G
ClientSampleId :
WC-SED-02

Tgt Ion:264 Resp: 248411

Ion	Ratio	Lower	Upper
264	100		
260	21.0	18.5	27.7
265	20.5	17.0	25.6

