

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128168.D
 Acq On : 10 May 2022 19:05
 Operator : CG\JU
 Sample : N2749-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: May 11 04:01:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

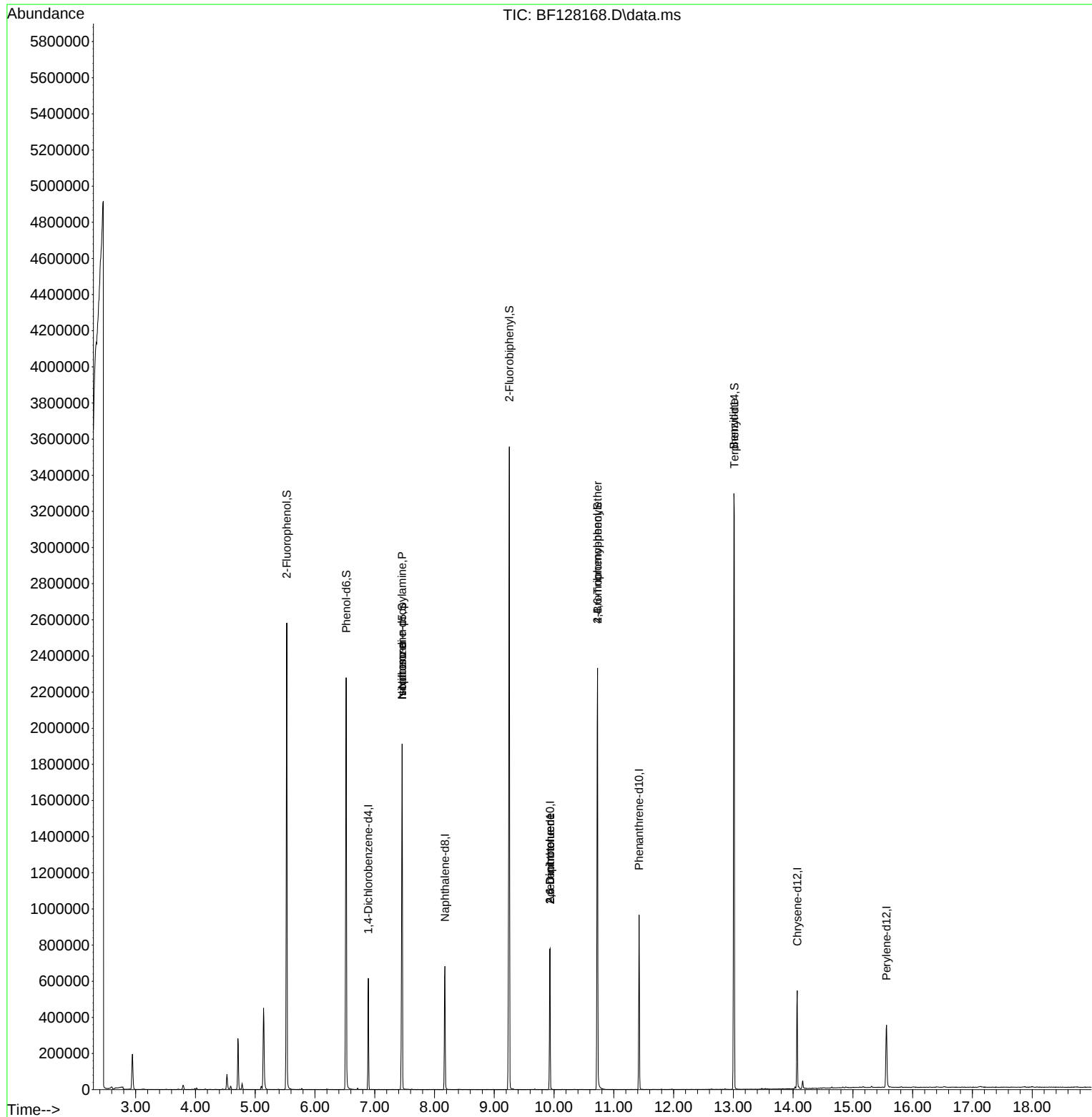
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	81734	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	308696	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	178275	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	322036	20.000	ng	0.00
76) Chrysene-d12	14.069	240	185645	20.000	ng	-0.01
86) Perylene-d12	15.563	264	173257	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	650599	126.892	ng	0.01
7) Phenol-d6	6.522	99	775246	114.318	ng	0.00
23) Nitrobenzene-d5	7.457	82	679151	98.995	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	292742	143.178	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1110361	97.455	ng	0.00
79) Terphenyl-d14	13.016	244	1268581	128.222	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.457	77	73	Below Cal	#	47
19) n-Nitroso-di-n-propyla...	7.457	70	92678	22.192	ng	# 80
25) Isophorone	7.457	82	677734	63.013	ng	# 68
51) 2,6-Dinitrotoluene	9.934	165	22407	8.879	ng	# 21
57) 2,4-Dinitrotoluene	9.934	165	22407	6.640	ng	# 25
67) 4-Bromophenyl-phenylether	10.728	248	17603	5.081	ng	# 1
77) Benzidine	13.010	184	18532	4.609	ng	# 95

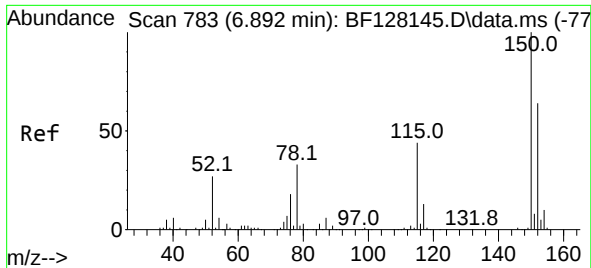
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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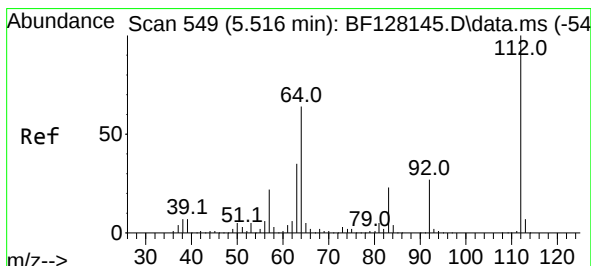
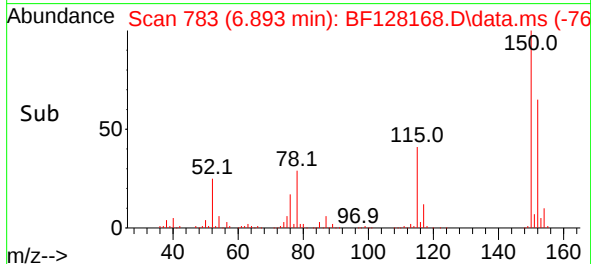
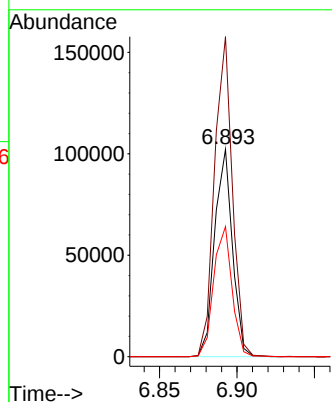
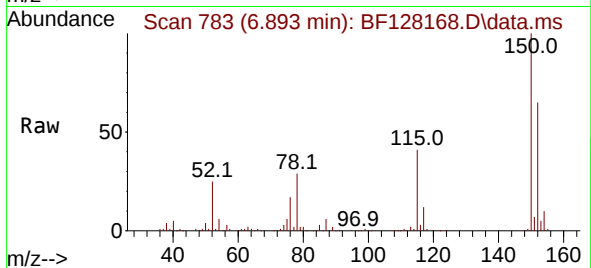




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

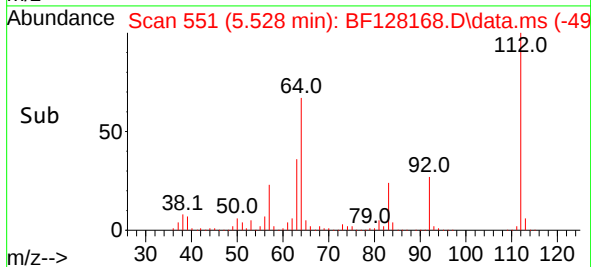
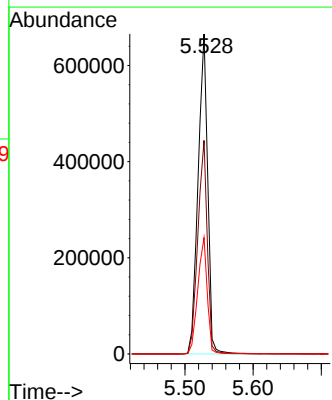
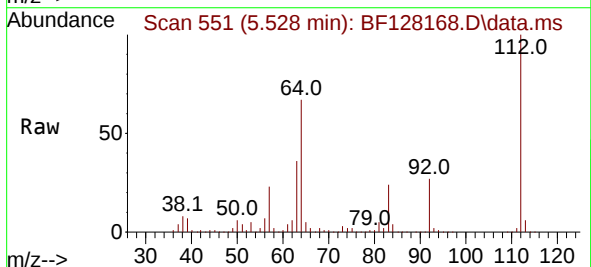
Instrument :
BNA_F
ClientSampleId :
TP-2

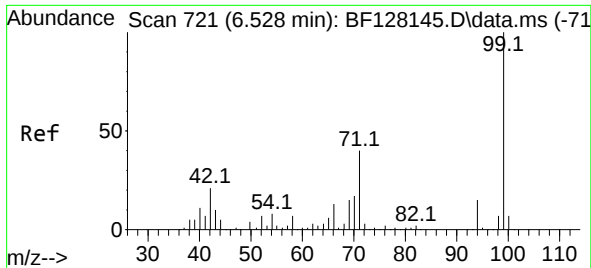
Tgt Ion:152 Resp: 81734
Ion Ratio Lower Upper
152 100
150 154.3 125.3 187.9
115 62.7 48.8 73.2



#5
2-Fluorophenol
Concen: 126.892 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

Tgt Ion:112 Resp: 650599
Ion Ratio Lower Upper
112 100
64 66.7 49.5 74.3
63 36.3 26.3 39.5

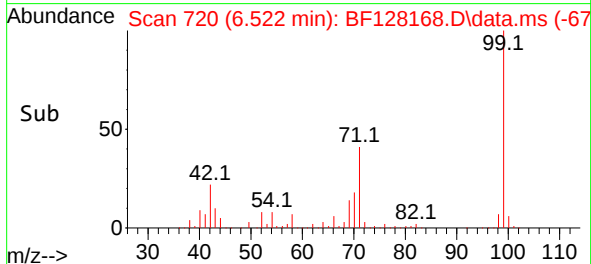
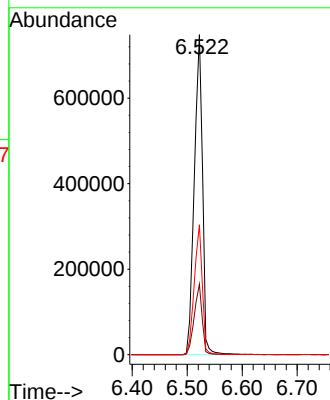
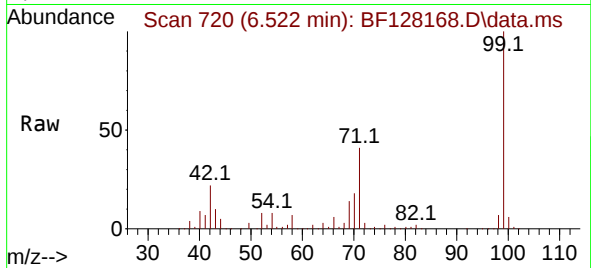




#7
Phenol-d6
Concen: 114.318 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

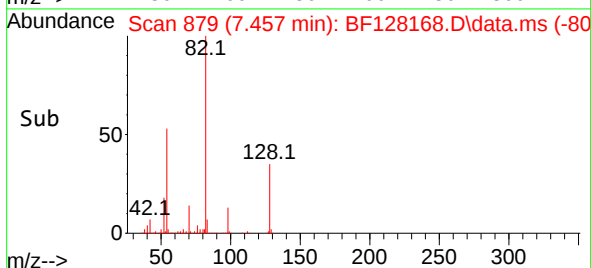
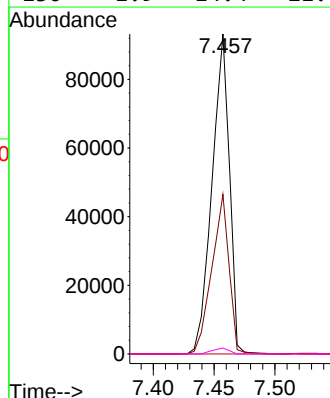
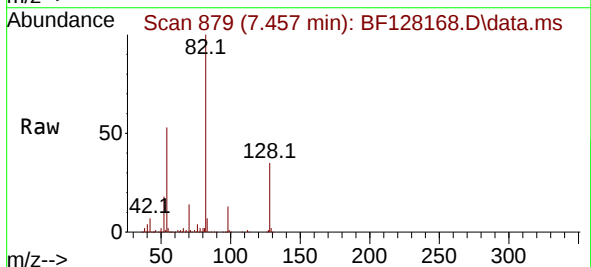
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 775246
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 40.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.192 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

Tgt Ion: 70 Resp: 92678
Ion Ratio Lower Upper
70 100
42 49.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

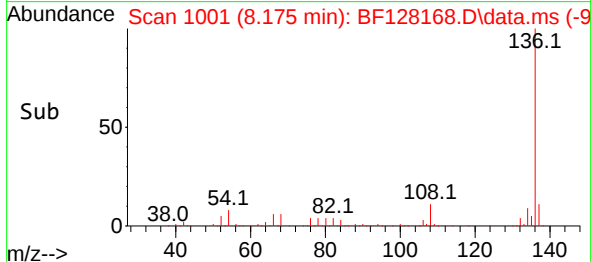
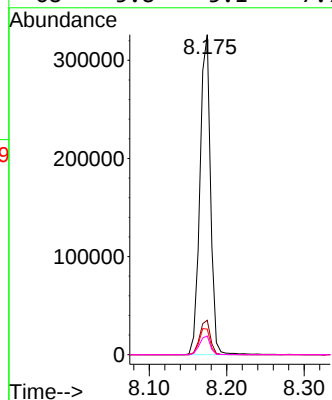
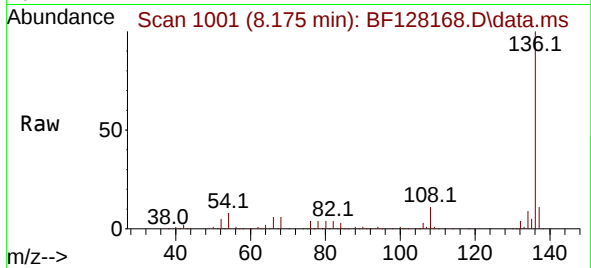




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

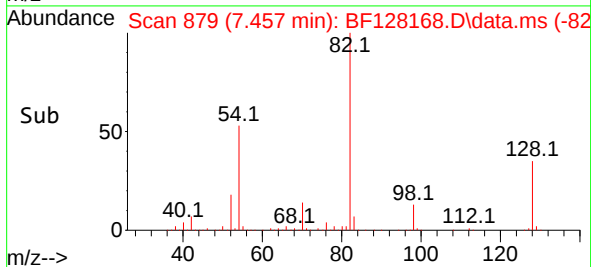
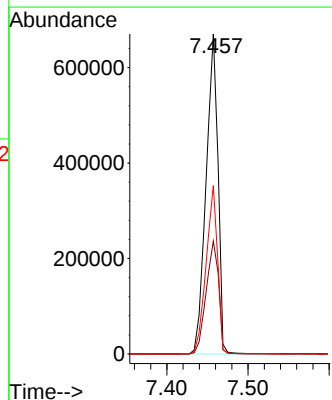
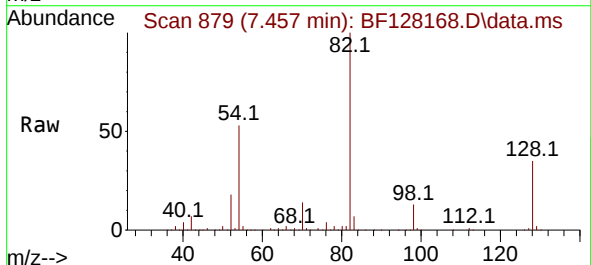
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt	Ion:136	Resp:	308696
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.0	6.8	10.2
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 98.995 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

Tgt Ion: 82	Resp: 679151
Ion Ratio	Lower Upper
82 100	
128 35.3	30.0 45.0
54 52.6	41.3 61.9

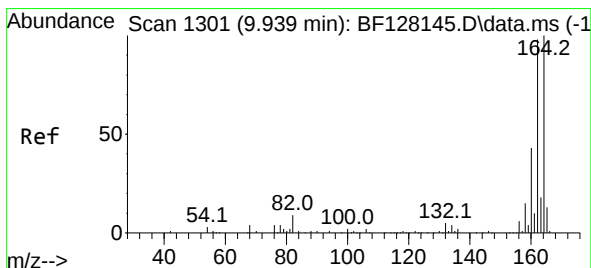
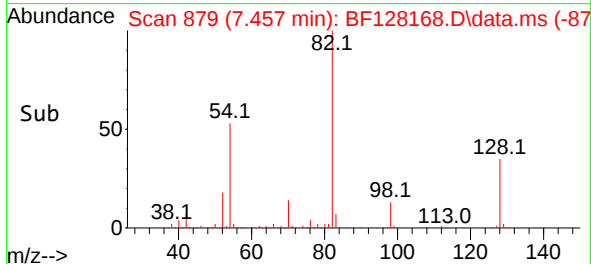
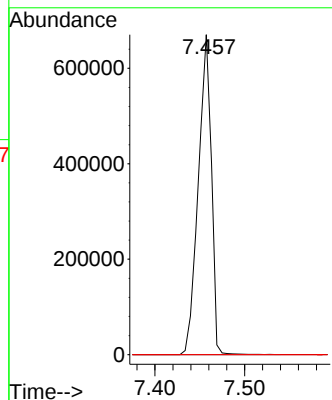
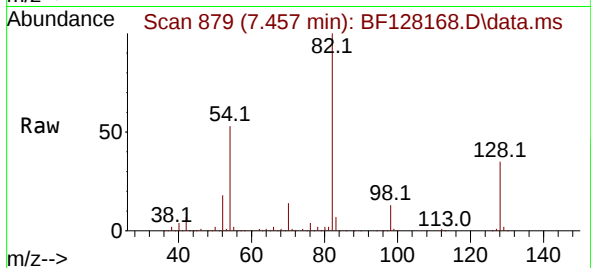




#25
Isophorone
Concen: 63.013 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

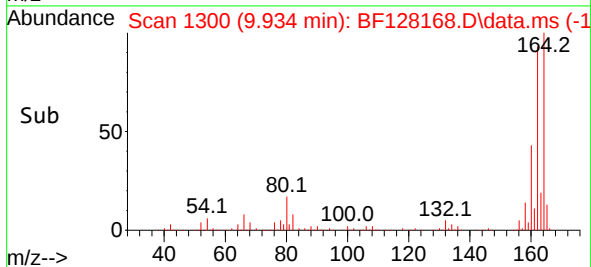
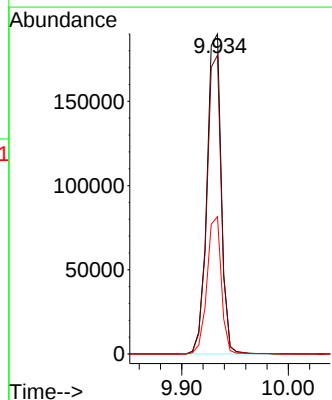
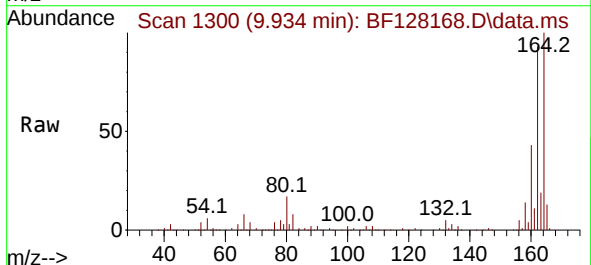
Instrument :
BNA_F
ClientSampleId :
TP-2

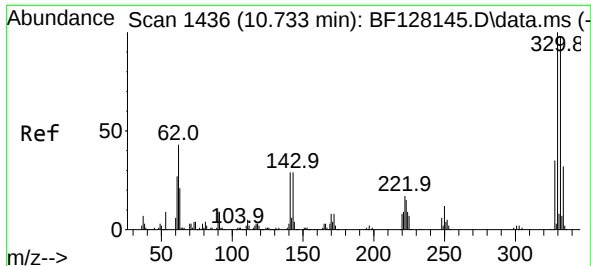
Tgt Ion: 82 Resp: 677734
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

Tgt Ion:164 Resp: 178275
Ion Ratio Lower Upper
164 100
162 93.3 76.0 114.0
160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 143.178 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128168.D

Acq: 10 May 2022 19:05

Instrument :

BNA_F

ClientSampleId :

TP-2

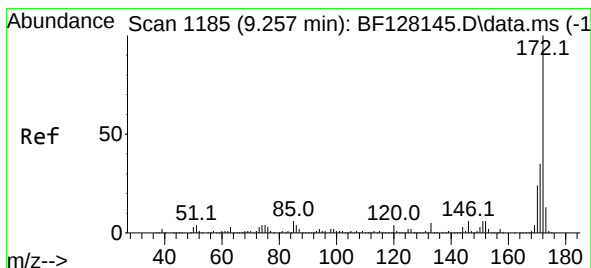
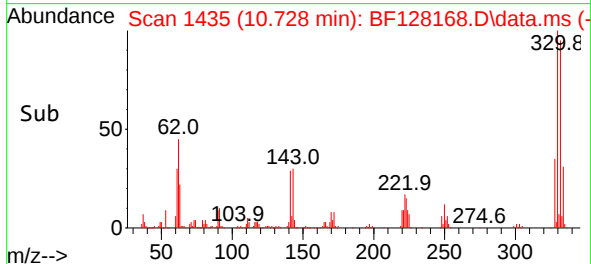
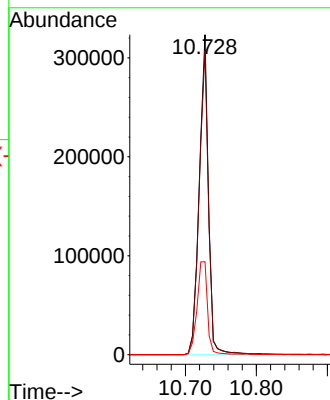
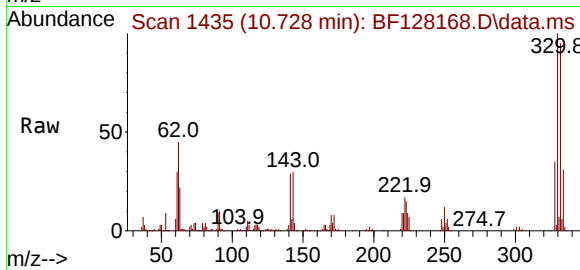
Tgt Ion:330 Resp: 292742

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 97.455 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128168.D

Acq: 10 May 2022 19:05

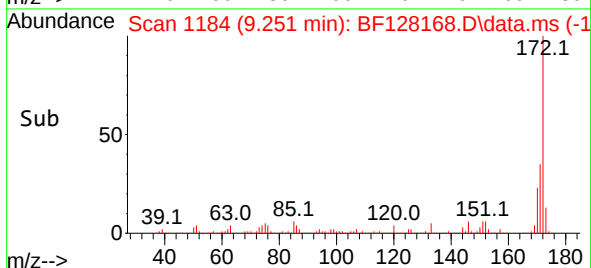
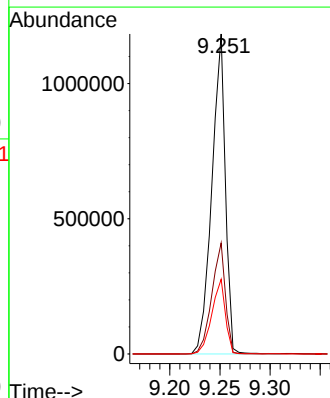
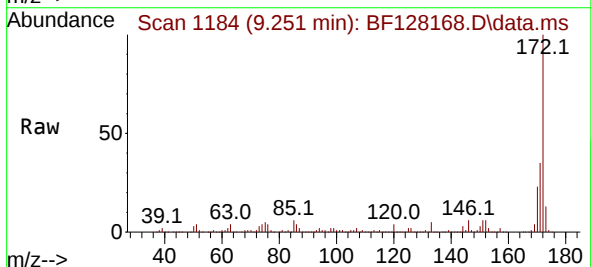
Tgt Ion:172 Resp: 1110361

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.4 19.1 28.7

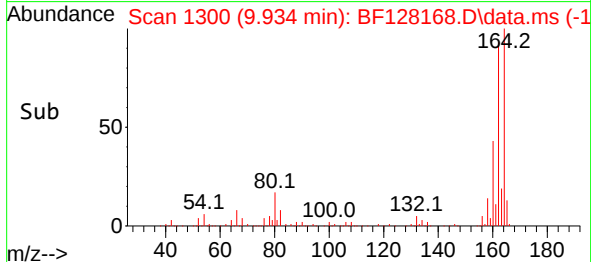
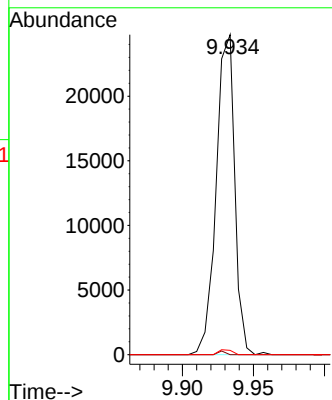
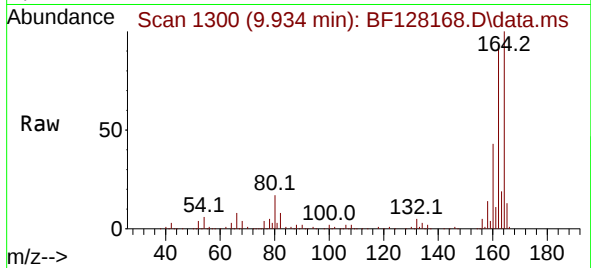




#51
2,6-Dinitrotoluene
Concen: 8.879 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

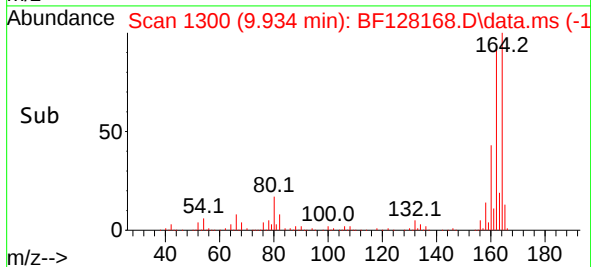
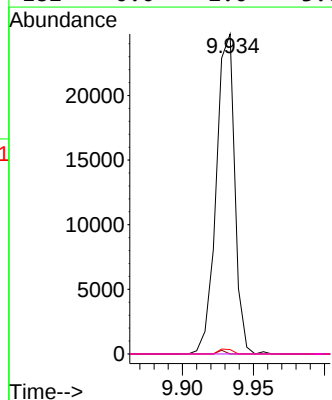
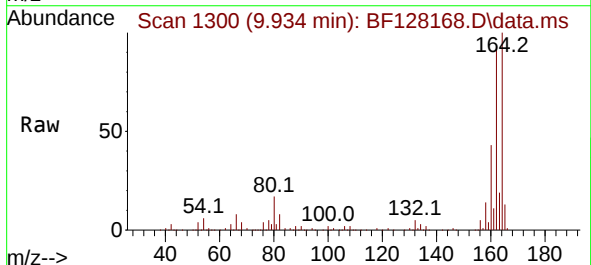
Instrument :
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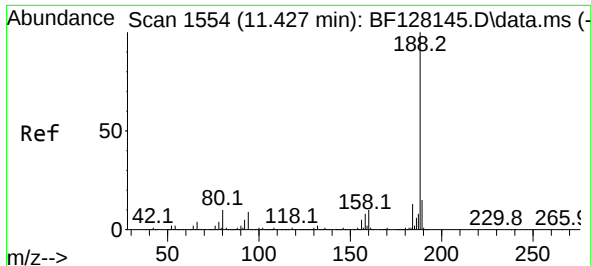
Tgt Ion:165 Resp: 22407
Ion Ratio Lower Upper
165 100
63 0.0 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.640 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

Tgt Ion:165 Resp: 22407
Ion Ratio Lower Upper
165 100
63 0.0 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

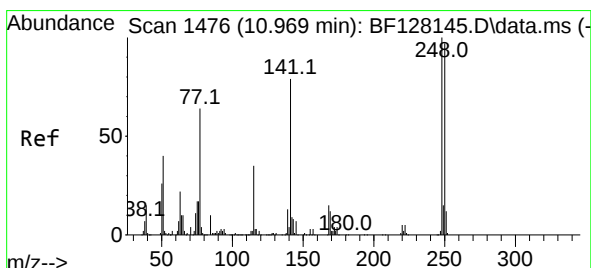
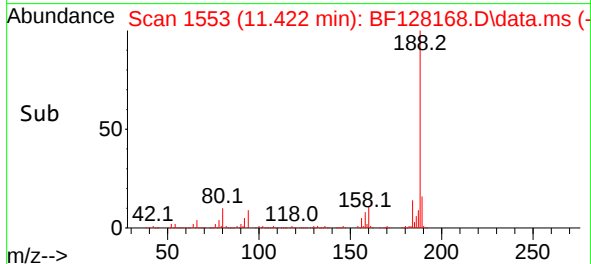
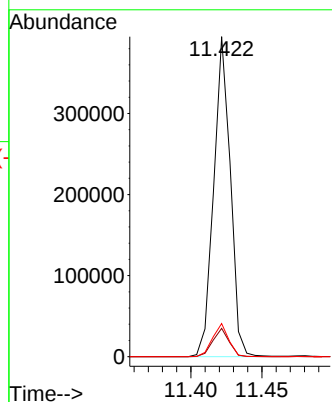
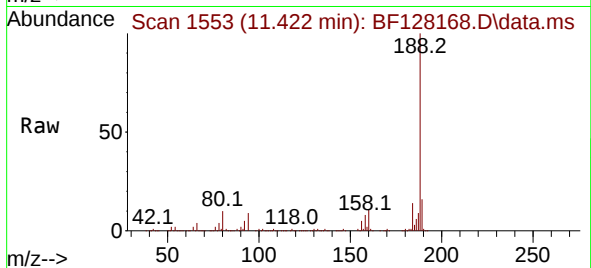




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

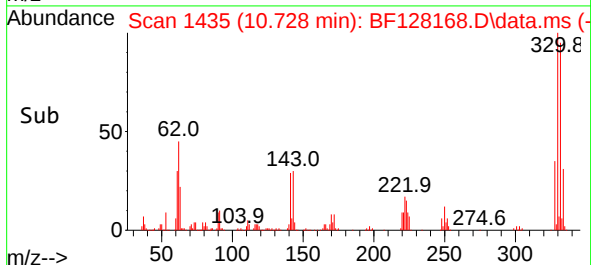
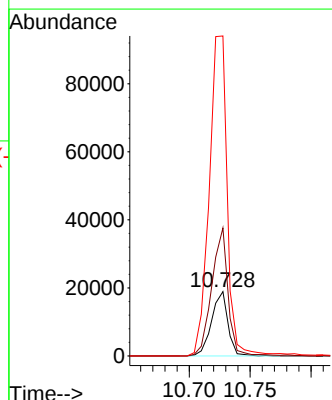
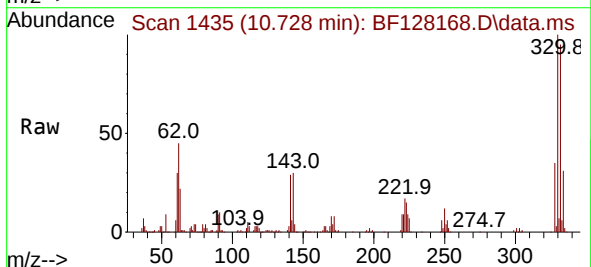
Instrument :
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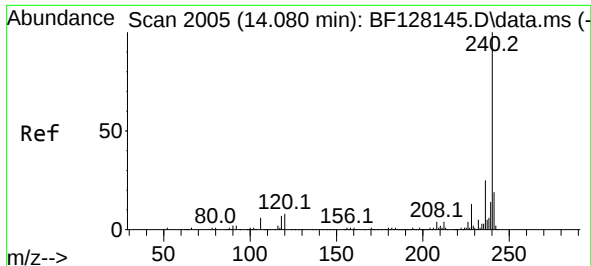
Tgt Ion:188 Resp: 322036
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 5.081 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

Tgt Ion:248 Resp: 17603
Ion Ratio Lower Upper
248 100
250 198.9 77.7 116.5#
141 497.1 65.6 98.4#

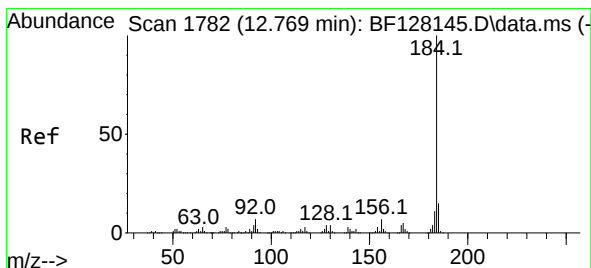
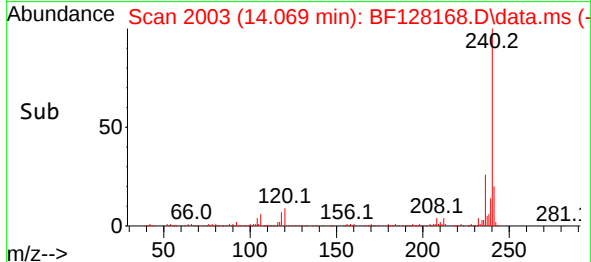
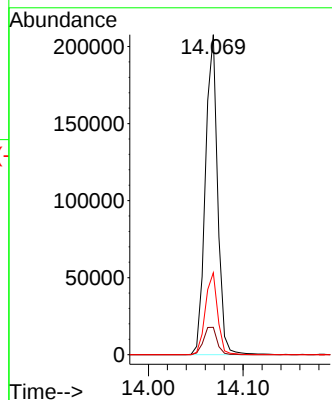
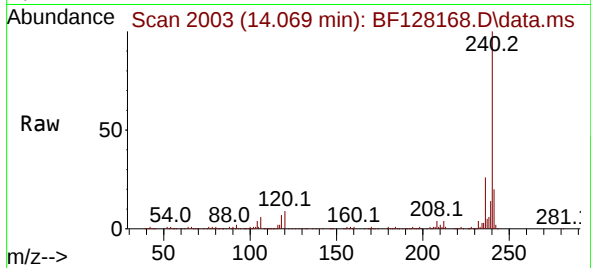




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

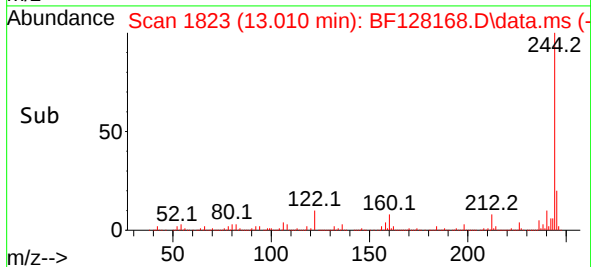
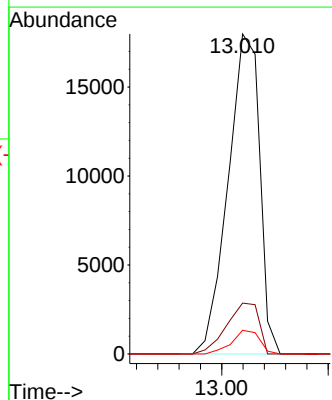
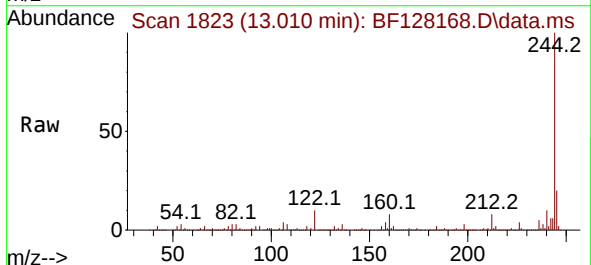
Instrument :
BNA_F
ClientSampleId :
TP-2

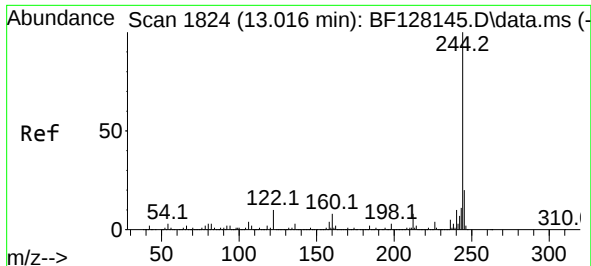
Tgt Ion:240 Resp: 185645
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 4.609 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128168.D
Acq: 10 May 2022 19:05

Tgt Ion:184 Resp: 18532
Ion Ratio Lower Upper
184 100
185 15.9 12.1 18.1
183 7.4 9.0 13.4#

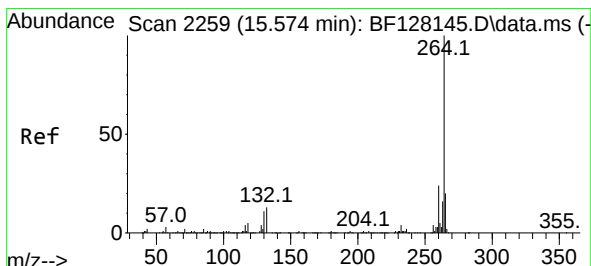
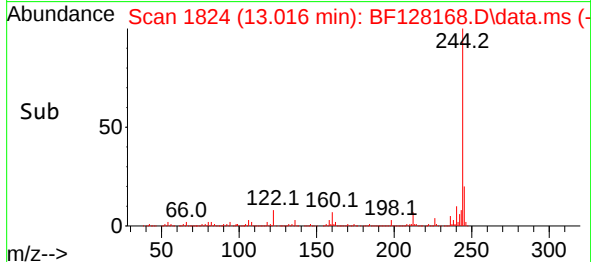
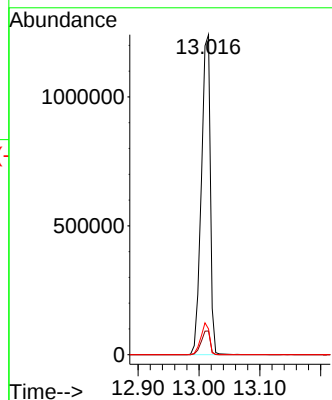
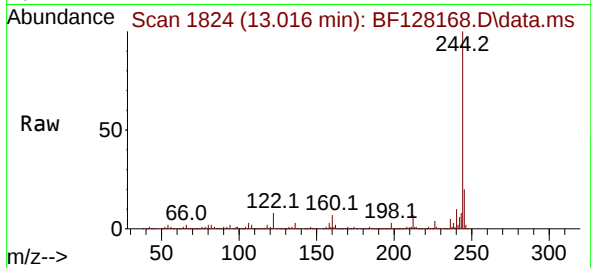




#79
 Terphenyl-d14
 Concen: 128.222 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128168.D
 Acq: 10 May 2022 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1268581
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.1 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128168.D
 Acq: 10 May 2022 19:05

Tgt Ion:264 Resp: 173257
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 20.4 17.5 26.3

