

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037827.D
 Acq On : 19 Sep 2025 22:50
 Operator : RC/JU
 Sample : Q3127-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 23:51:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

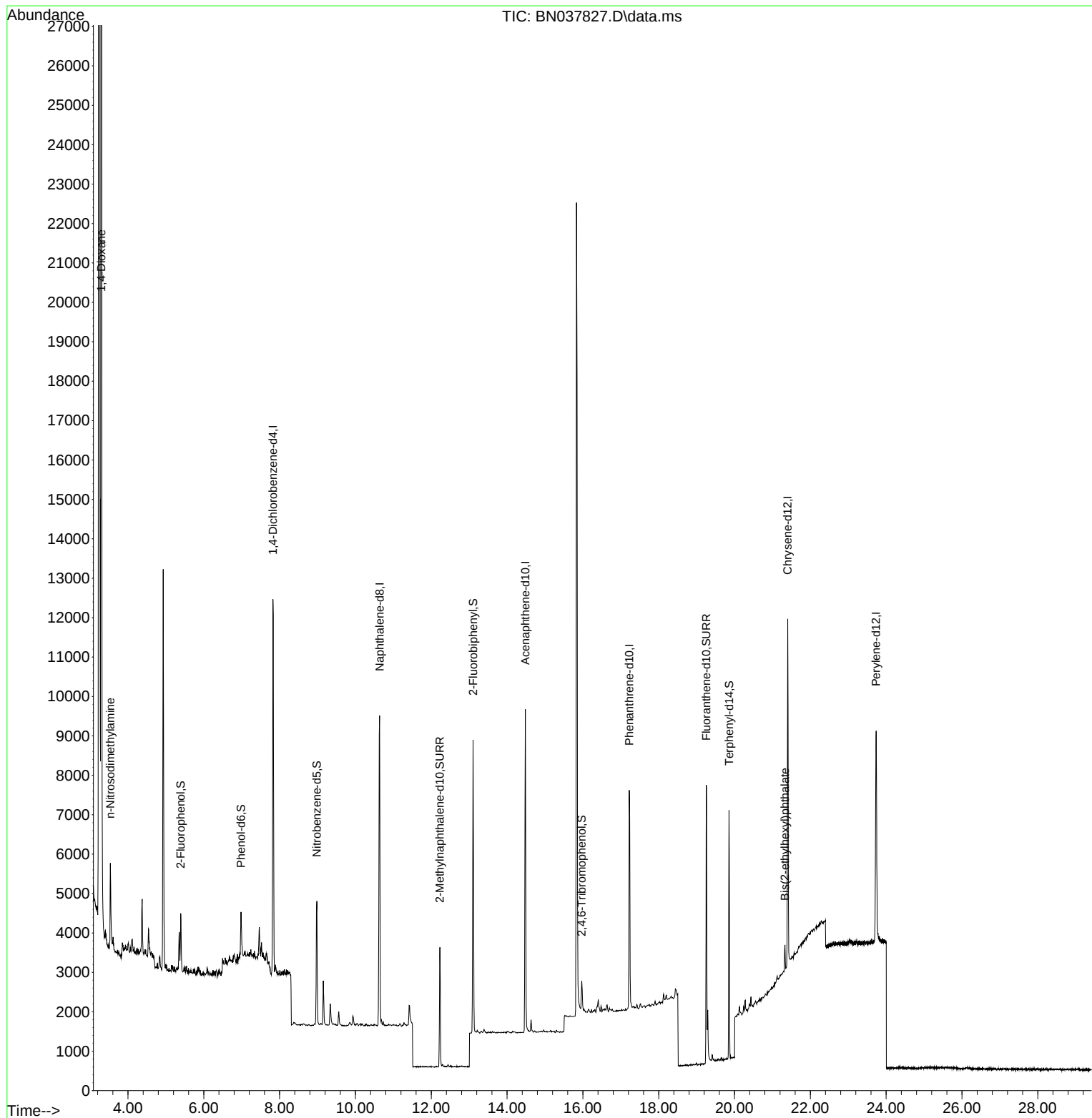
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4301	0.400	ng	-0.01
7) Naphthalene-d8	10.637	136	11071	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	4603	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	8412	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	8082	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	7770	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1121	0.114	ng	0.00
5) Phenol-d6	6.981	99	961	0.075	ng	0.00
8) Nitrobenzene-d5	8.982	82	2580	0.319	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	4079	0.278	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	488	0.406	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	6049	0.314	ng	-0.01
27) Fluoranthene-d10	19.257	212	7746	0.367	ng	-0.01
31) Terphenyl-d14	19.857	244	5796	0.353	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	33703	7.523	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.536	42	528	0.090	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.331	149	805	0.096	ng	# 91

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

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Instrument :
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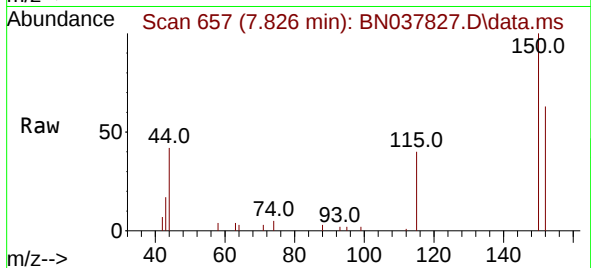
Quant Time: Sep 19 23:51:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



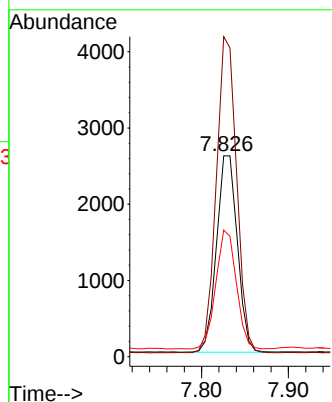
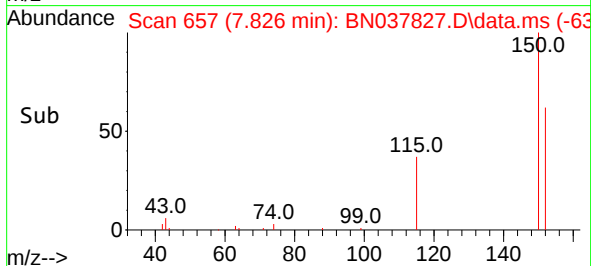


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037827.D
 Acq: 19 Sep 2025 22:50

Instrument :
 BNA_N
 ClientSampleId :

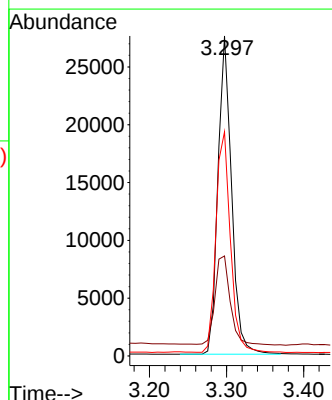
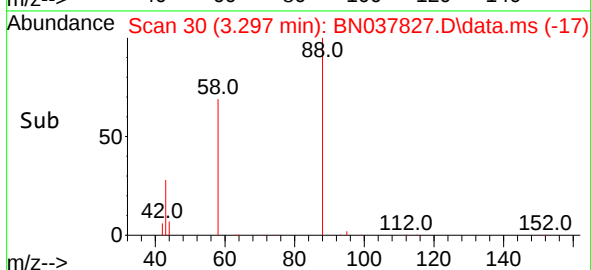
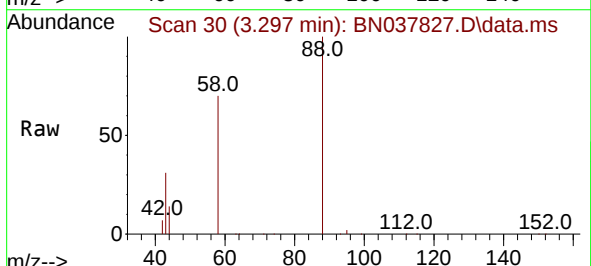


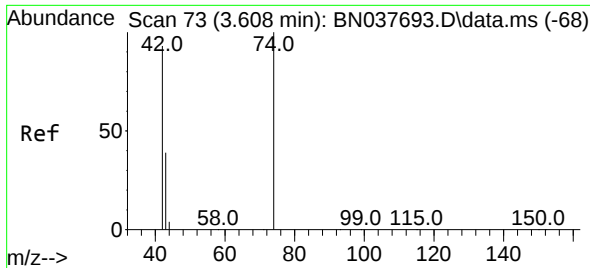
Tgt Ion:152 Resp: 4301
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.5 186.7
 115 63.0 49.2 73.8



#2
 1,4-Dioxane
 Concen: 7.523 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037827.D
 Acq: 19 Sep 2025 22:50

Tgt Ion: 88 Resp: 33703
 Ion Ratio Lower Upper
 88 100
 43 31.3 26.8 40.2
 58 73.3 61.9 92.9

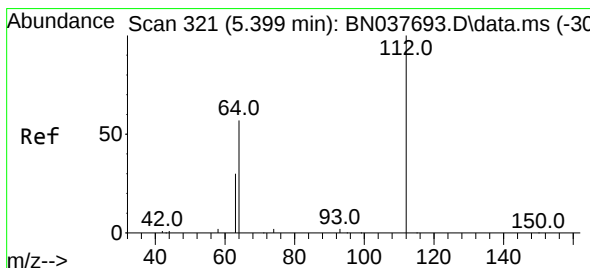
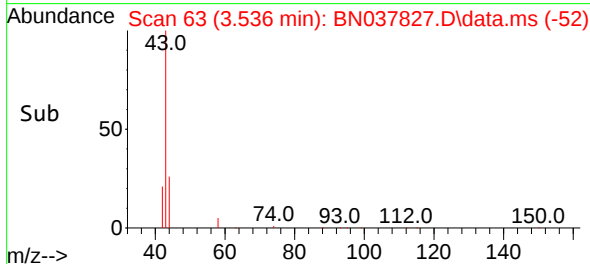
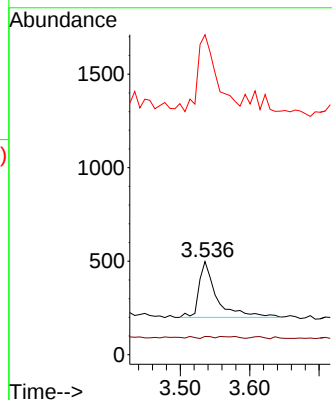
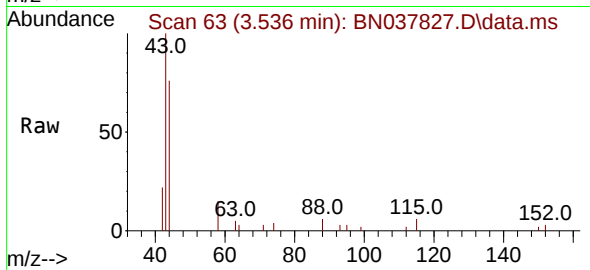




#3
 n-Nitrosodimethylamine
 Concen: 0.090 ng
 RT: 3.536 min Scan# 61
 Delta R.T. -0.072 min
 Lab File: BN037827.D
 Acq: 19 Sep 2025 22:50

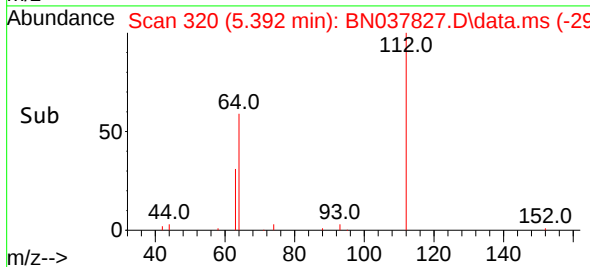
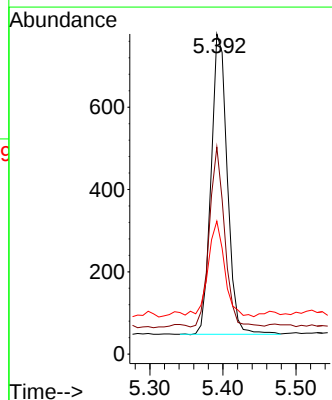
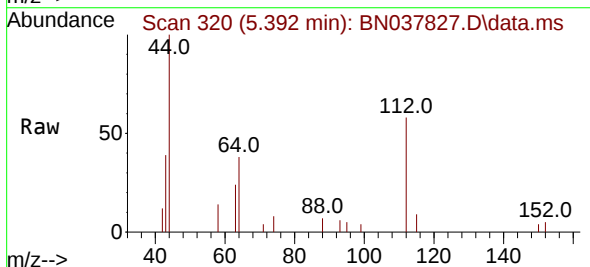
Instrument :
 BNA_N
 ClientSampleId :

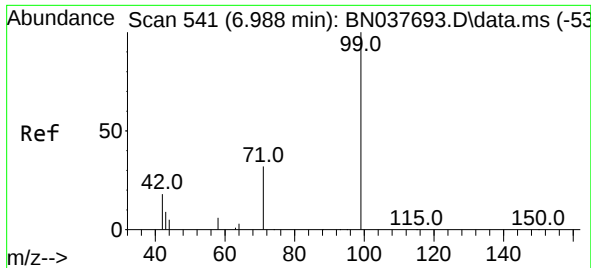
Tgt Ion: 42 Resp: 528
 Ion Ratio Lower Upper
 42 100
 74 1.9 86.0 129.0#
 44 132.8 8.4 12.6#



#4
 2-Fluorophenol
 Concen: 0.114 ng
 RT: 5.392 min Scan# 320
 Delta R.T. -0.007 min
 Lab File: BN037827.D
 Acq: 19 Sep 2025 22:50

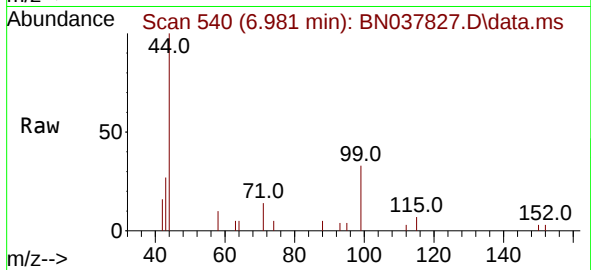
Tgt Ion: 112 Resp: 1121
 Ion Ratio Lower Upper
 112 100
 64 57.1 44.9 67.3
 63 32.4 24.7 37.1



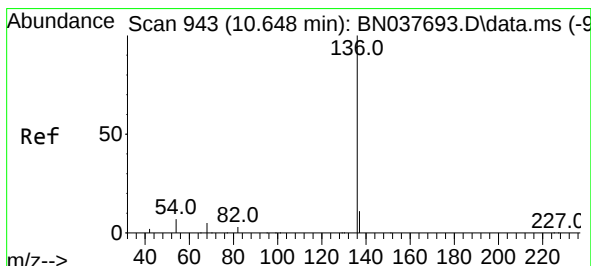
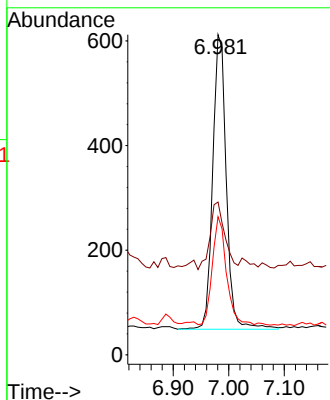
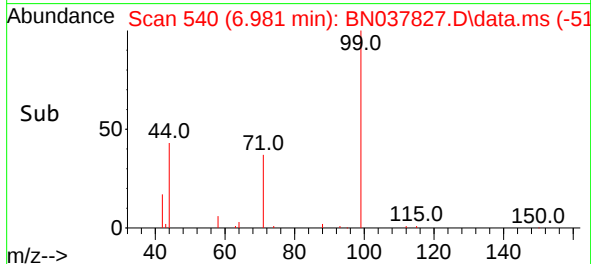


#5
Phenol-d6
Concen: 0.075 ng
RT: 6.981 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037827.D
Acq: 19 Sep 2025 22:50

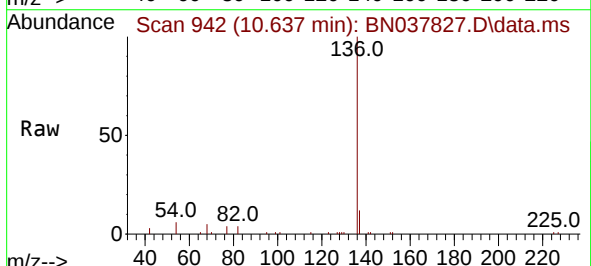
Instrument :
BNA_N
ClientSampleId :



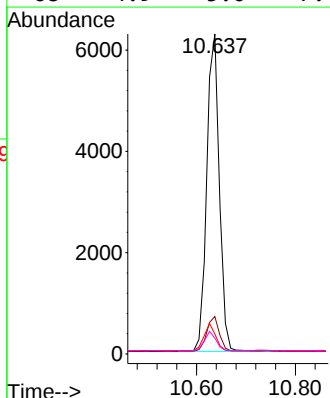
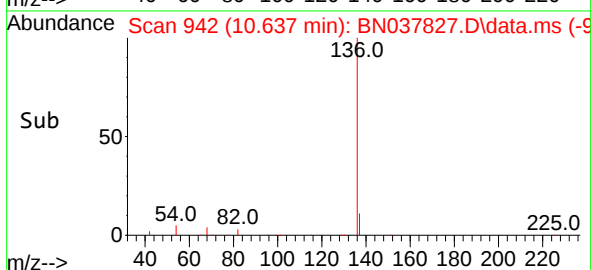
Tgt Ion:	99	Resp:	961
Ion	Ratio	Lower	Upper
99	100		
42	24.7	16.6	24.8
71	37.3	26.7	40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037827.D
Acq: 19 Sep 2025 22:50



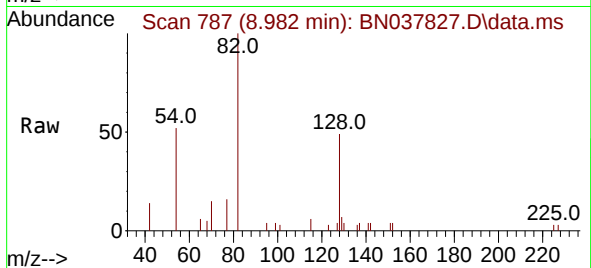
Tgt Ion:	136	Resp:	11071
Ion	Ratio	Lower	Upper
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137	11.7	9.1	13.7
54	6.3	6.3	9.5#
68	4.9	5.0	7.4#



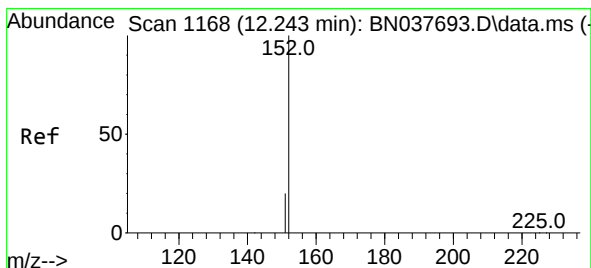
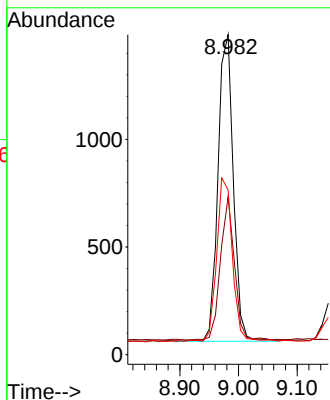
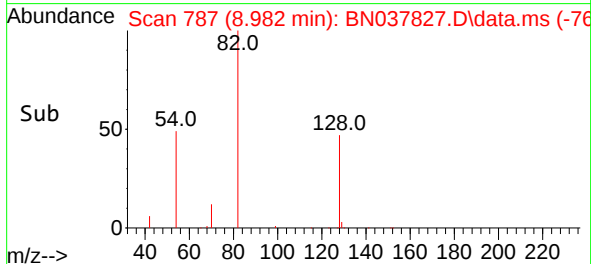


#8
 Nitrobenzene-d5
 Concen: 0.319 ng
 RT: 8.982 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037827.D
 Acq: 19 Sep 2025 22:50

Instrument :
 BNA_N
 ClientSampleId :

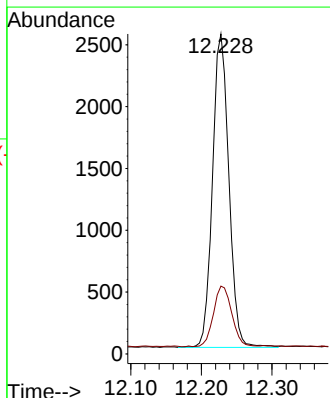
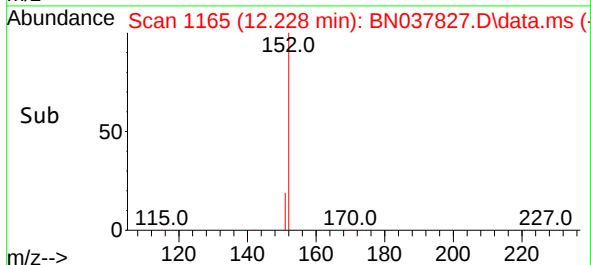
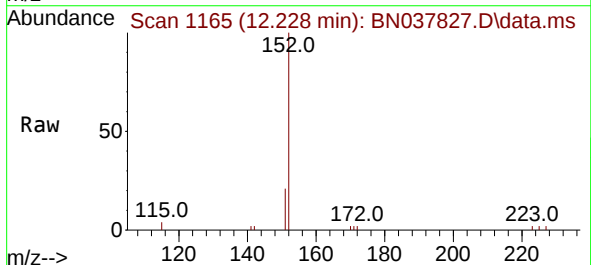


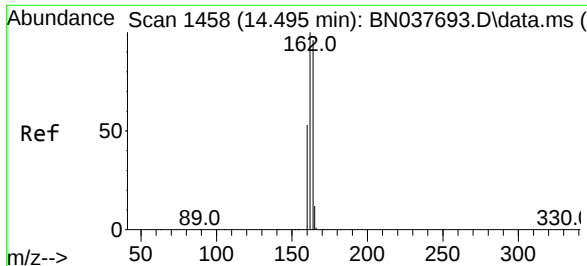
Tgt Ion: 82 Resp: 2580
 Ion Ratio Lower Upper
 82 100
 128 49.4 38.3 57.5
 54 51.5 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.278 ng
 RT: 12.228 min Scan# 1165
 Delta R.T. -0.015 min
 Lab File: BN037827.D
 Acq: 19 Sep 2025 22:50

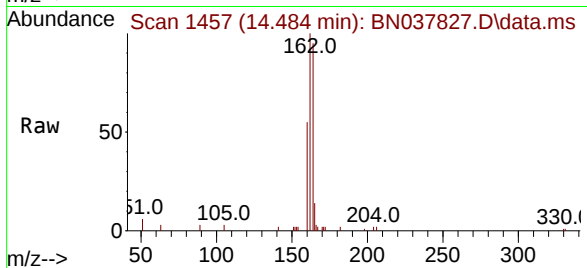
Tgt Ion: 152 Resp: 4079
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.0 25.6



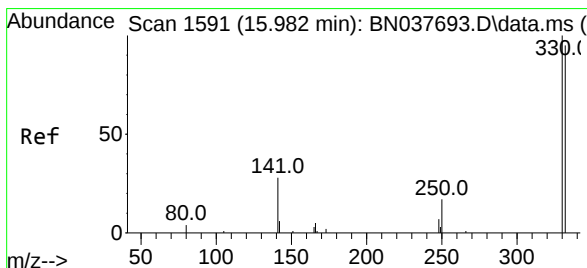
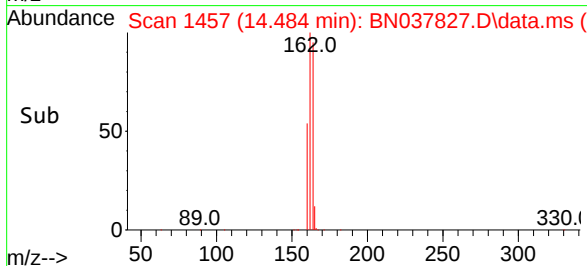
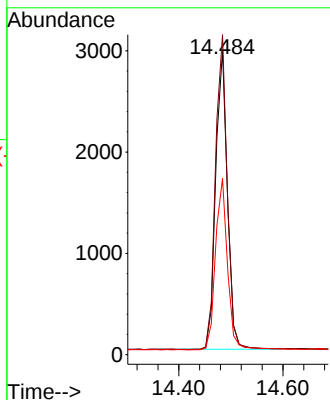


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037827.D
 Acq: 19 Sep 2025 22:50

Instrument :
 BNA_N
 ClientSampleId :

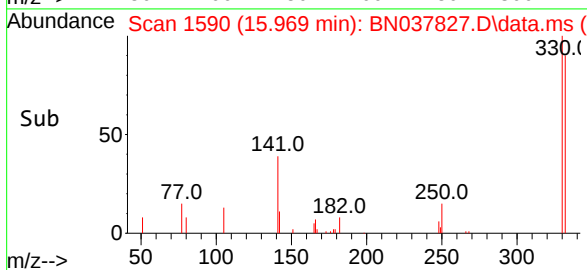
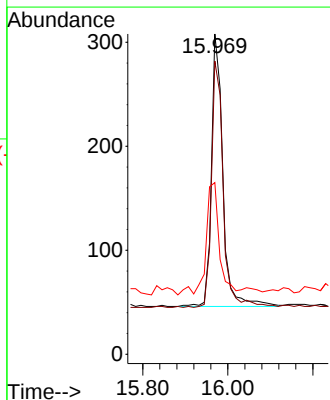
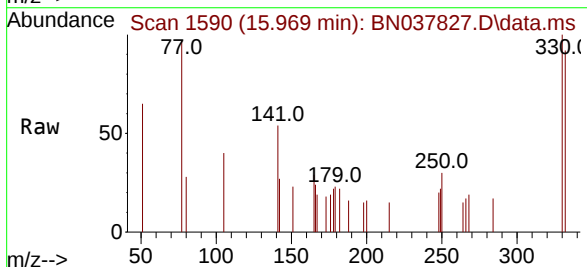


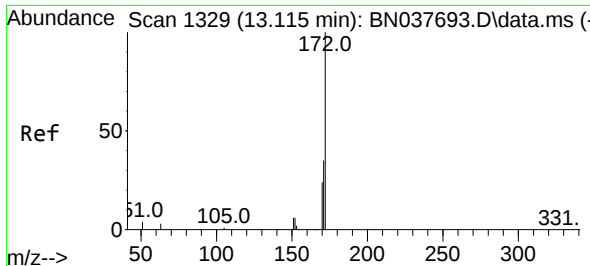
Tgt Ion:164 Resp: 4603
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.1 124.7
 160 57.9 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.406 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037827.D
 Acq: 19 Sep 2025 22:50

Tgt Ion:330 Resp: 488
 Ion Ratio Lower Upper
 330 100
 332 92.8 75.3 112.9
 141 49.2 35.0 52.4

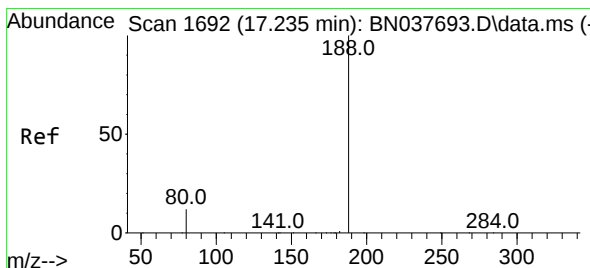
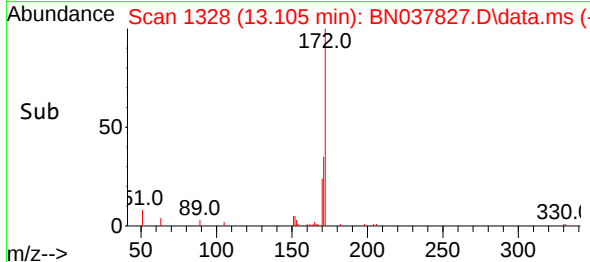
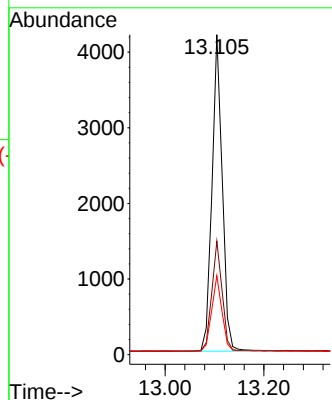
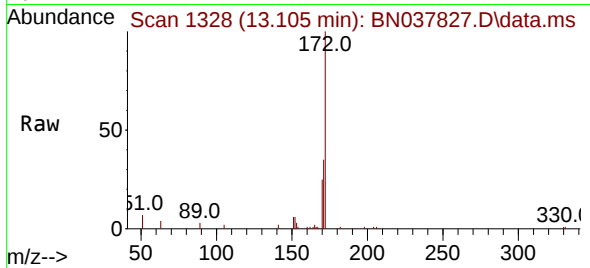




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037827.D
Acq: 19 Sep 2025 22:50

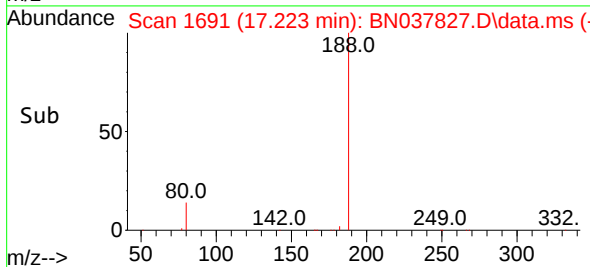
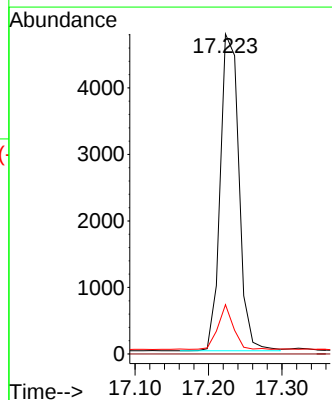
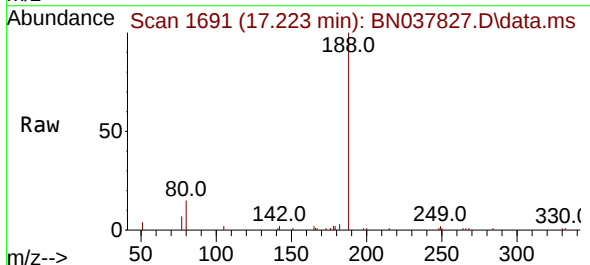
Instrument :
BNA_N
ClientSampleId :

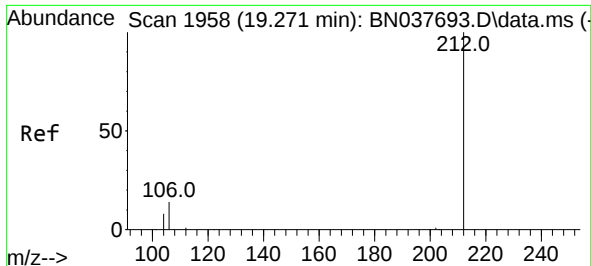
Tgt Ion:172 Resp: 6049
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.7 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037827.D
Acq: 19 Sep 2025 22:50

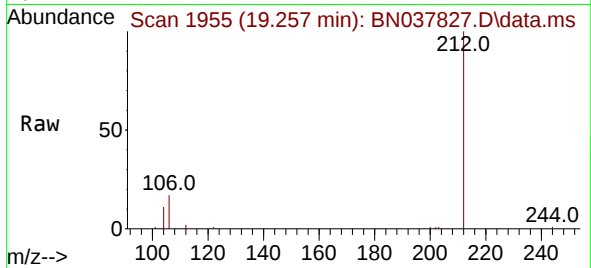
Tgt Ion:188 Resp: 8412
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 10.6 15.8



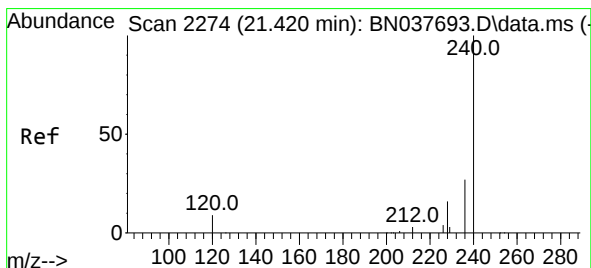
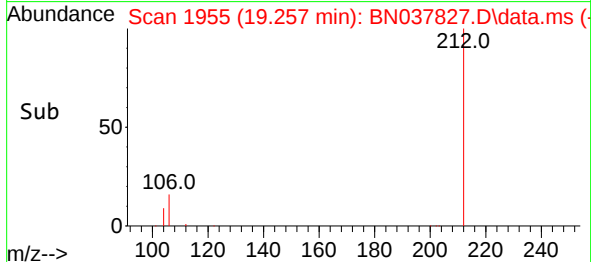
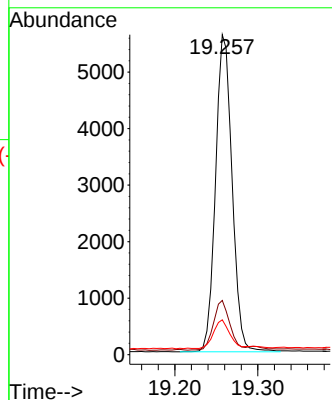


#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037827.D
Acq: 19 Sep 2025 22:50

Instrument :
BNA_N
ClientSampleId :

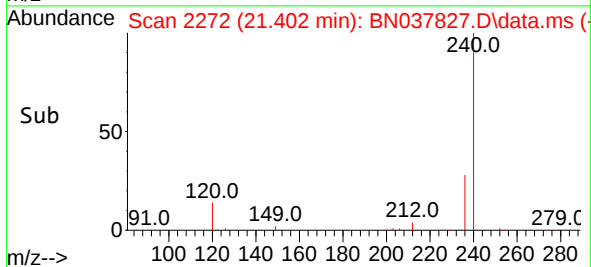
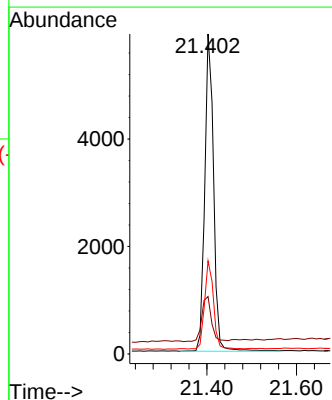
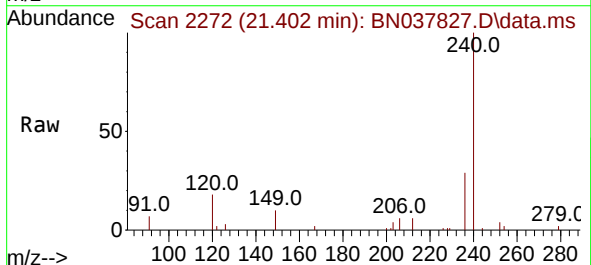


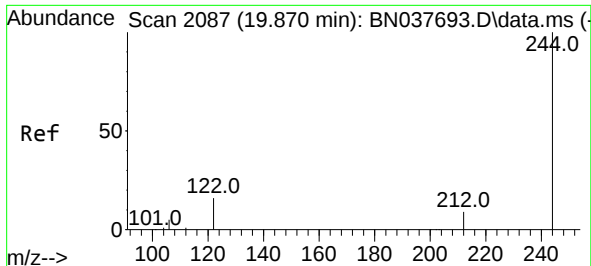
Tgt Ion:212 Resp: 7746
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.2
104 8.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037827.D
Acq: 19 Sep 2025 22:50

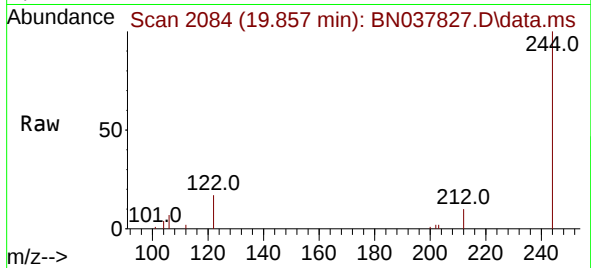
Tgt Ion:240 Resp: 8082
Ion Ratio Lower Upper
240 100
120 17.9 9.2 13.8#
236 29.1 22.6 33.8



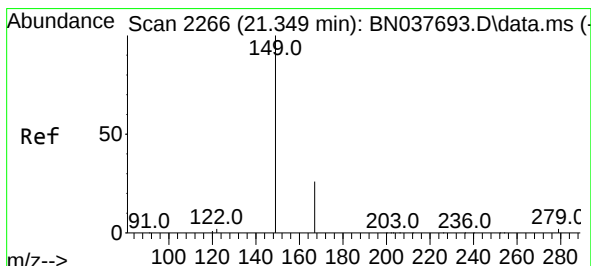
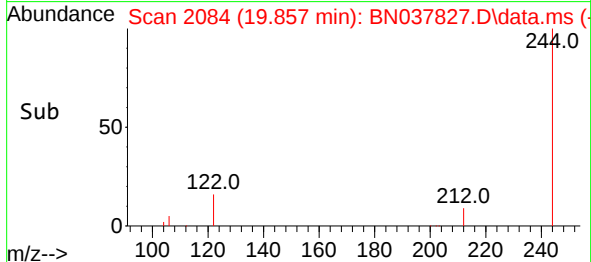
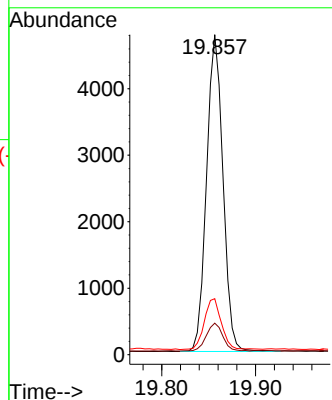


#31
 Terphenyl-d14
 Concen: 0.353 ng
 RT: 19.857 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN037827.D
 Acq: 19 Sep 2025 22:50

Instrument :
 BNA_N
 ClientSampleId :

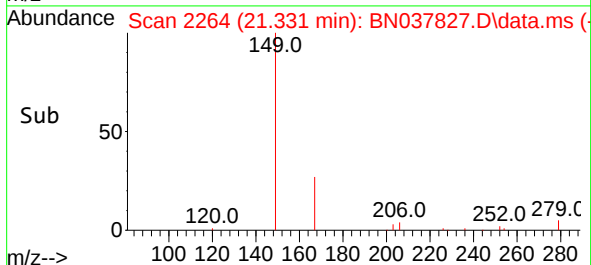
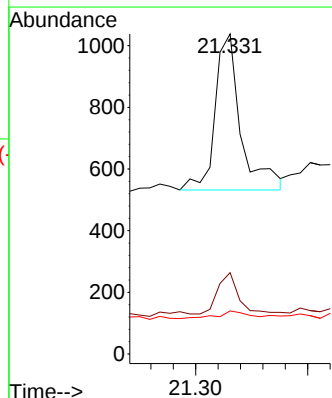
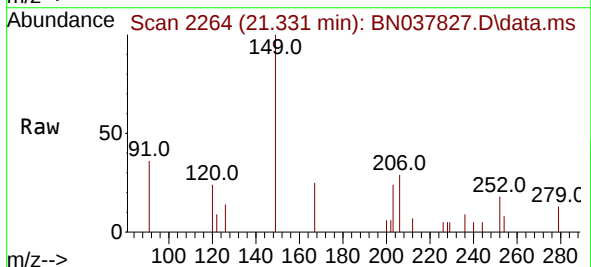


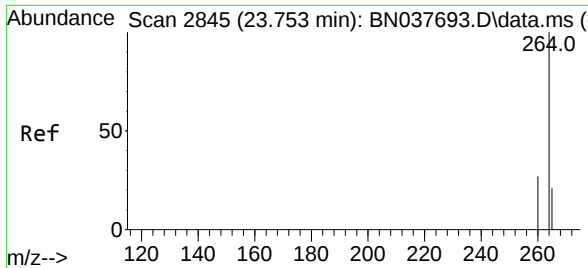
Tgt Ion:244 Resp: 5796
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.5 11.3
 122 17.5 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.096 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037827.D
 Acq: 19 Sep 2025 22:50

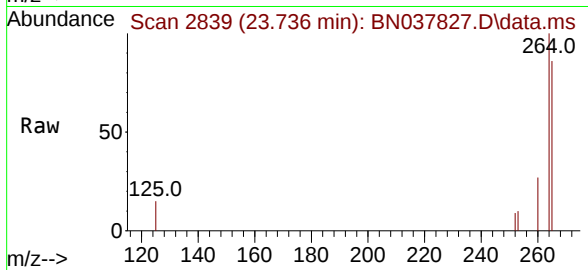
Tgt Ion:149 Resp: 805
 Ion Ratio Lower Upper
 149 100
 167 21.1 20.8 31.2
 279 5.5 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.736 min Scan# 2839
Delta R.T. -0.018 min
Lab File: BN037827.D
Acq: 19 Sep 2025 22:50

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 7770
Ion Ratio Lower Upper
264 100
260 26.7 21.8 32.8
265 85.8 39.4 59.2#

