

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037825.D
 Acq On : 19 Sep 2025 21:37
 Operator : RC/JU
 Sample : Q3127-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 23:50:45 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)

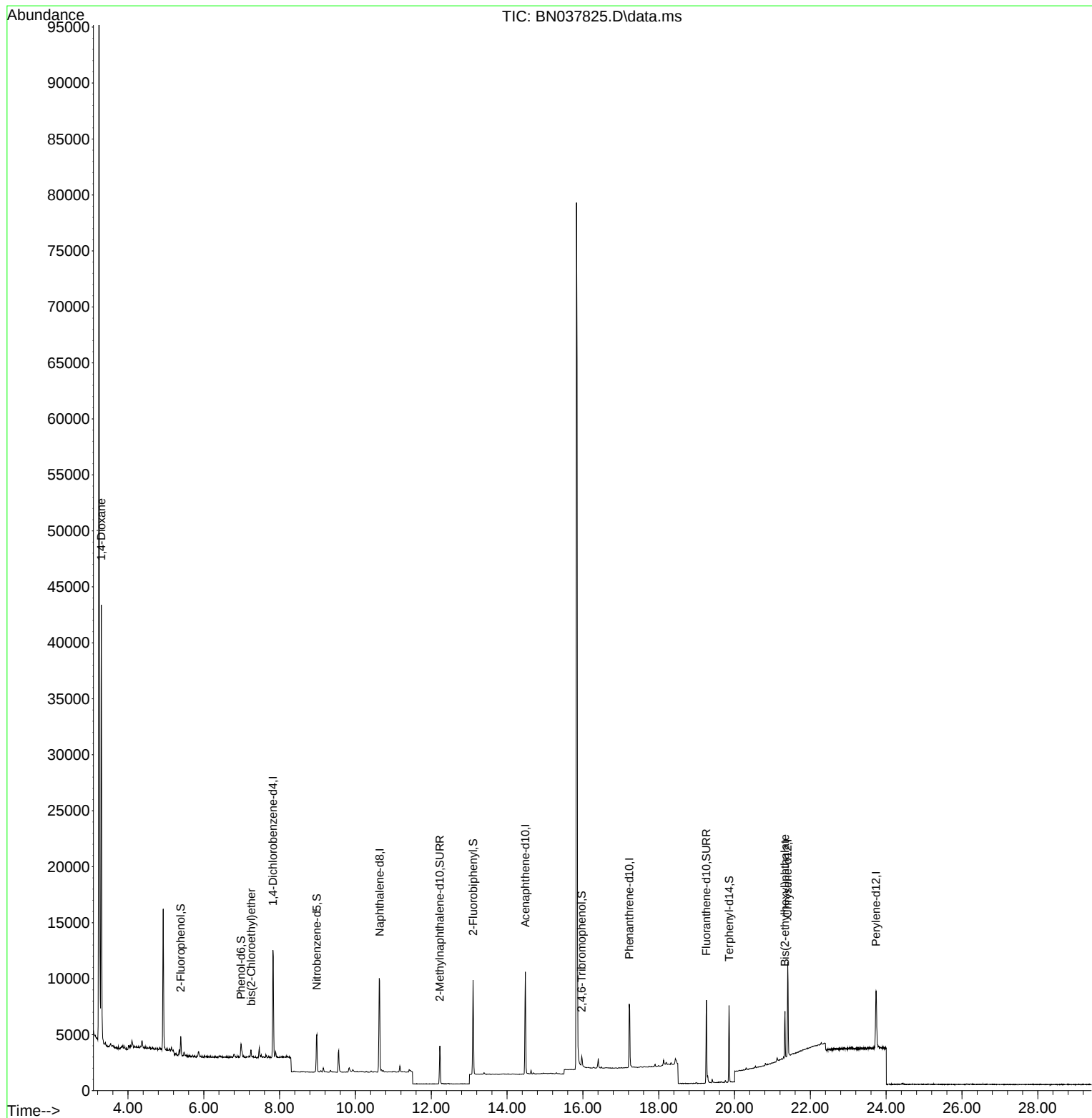
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4541	0.400	ng	-0.01
7) Naphthalene-d8	10.637	136	11932	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	5027	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	8716	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	7781	0.400	ng	#-0.02
35) Perylene-d12	23.733	264	7494	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1369	0.131	ng	0.00
5) Phenol-d6	6.981	99	1015	0.075	ng	0.00
8) Nitrobenzene-d5	8.982	82	2793	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	4513	0.285	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	555	0.423	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	6856	0.326	ng	-0.01
27) Fluoranthene-d10	19.257	212	7781	0.356	ng	-0.01
31) Terphenyl-d14	19.856	244	6045	0.383	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	22773	4.815	ng	96
6) bis(2-Chloroethyl)ether	7.248	93	475	0.039	ng	95
34) Bis(2-ethylhexyl)phtha...	21.331	149	4028	0.501	ng	99

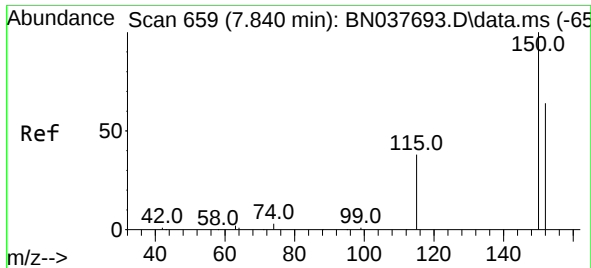
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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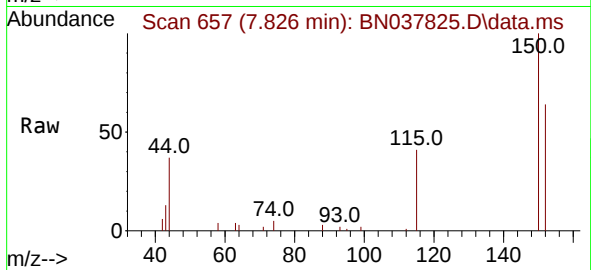
Quant Time: Sep 19 23:50:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



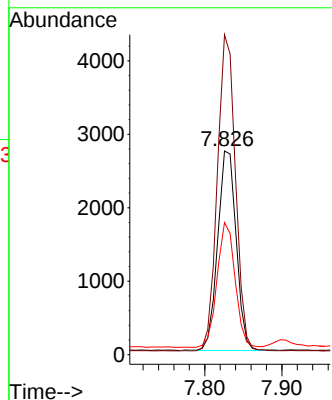
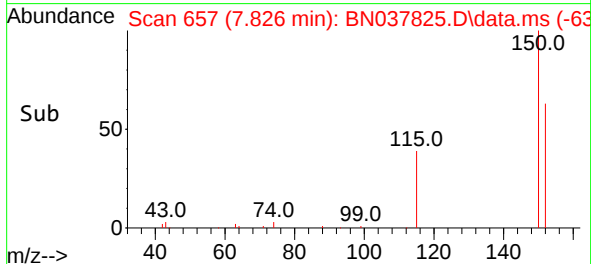


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037825.D
 Acq: 19 Sep 2025 21:37

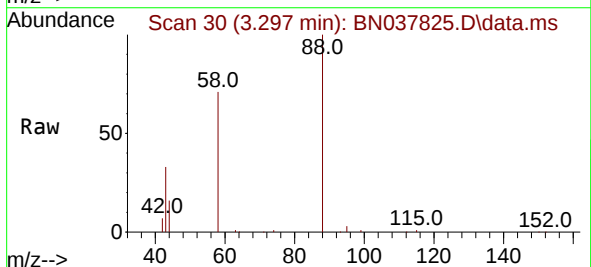
Instrument :
 BNA_N
 ClientSampleId :



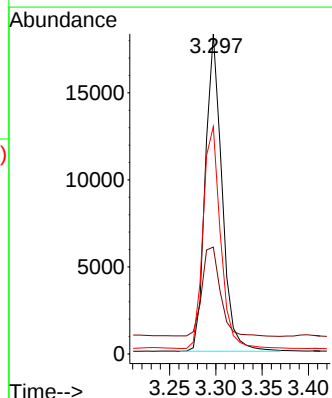
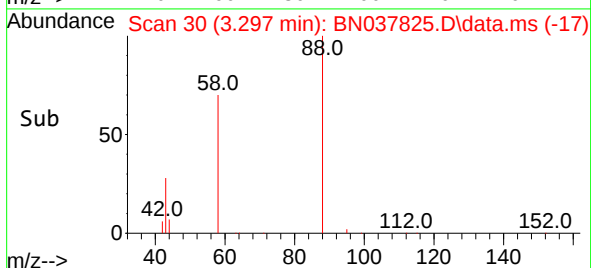
Tgt Ion:152 Resp: 4541
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.5 186.7
 115 64.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 4.815 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037825.D
 Acq: 19 Sep 2025 21:37



Tgt Ion: 88 Resp: 22773
 Ion Ratio Lower Upper
 88 100
 43 31.0 26.8 40.2
 58 73.5 61.9 92.9

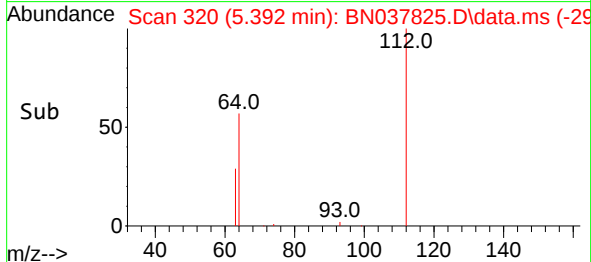
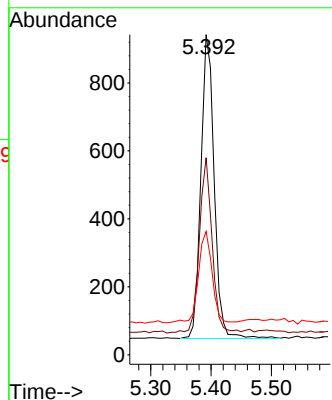
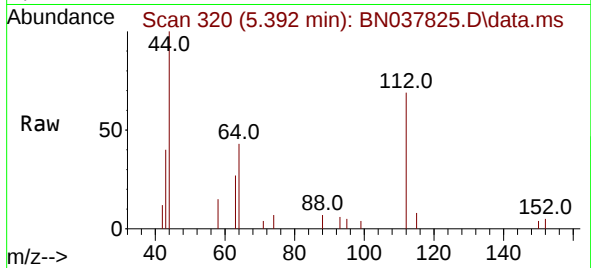




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

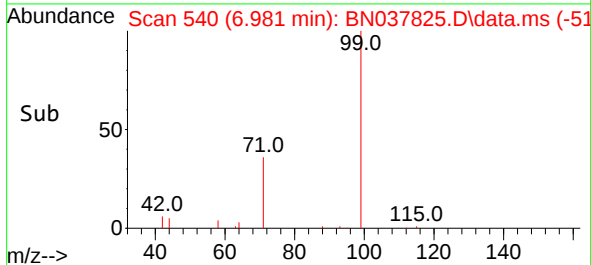
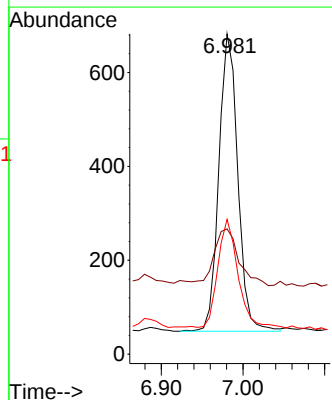
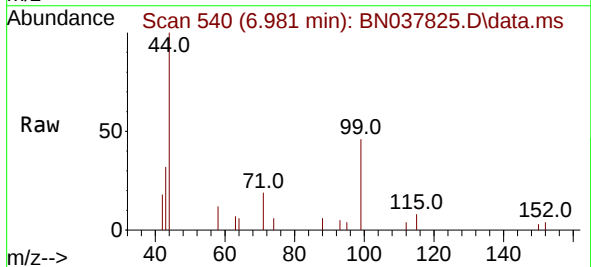
Instrument :
BNA_N
ClientSampleId :

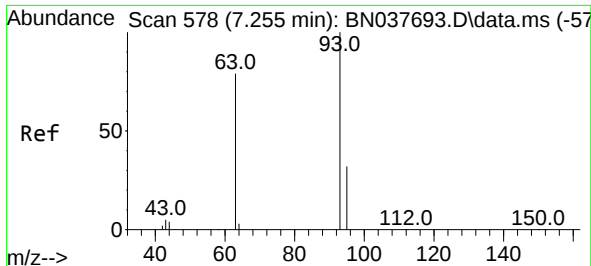
Tgt Ion:112 Resp: 1369
Ion Ratio Lower Upper
112 100
64 55.7 44.9 67.3
63 30.8 24.7 37.1



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

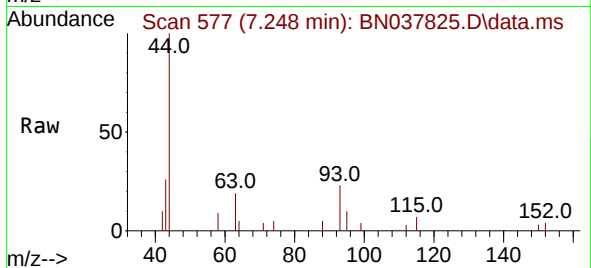
Tgt Ion: 99 Resp: 1015
Ion Ratio Lower Upper
99 100
42 25.2 16.6 24.8#
71 39.3 26.7 40.1



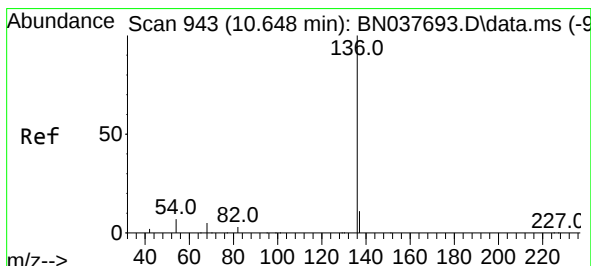
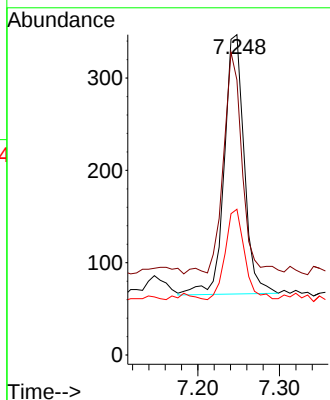
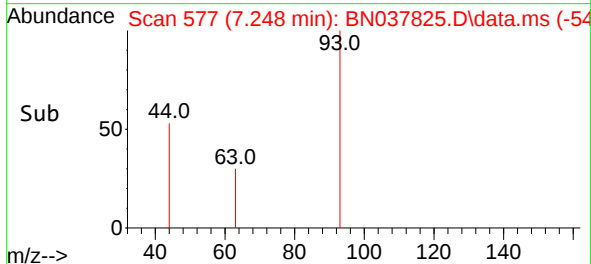


#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.248 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :

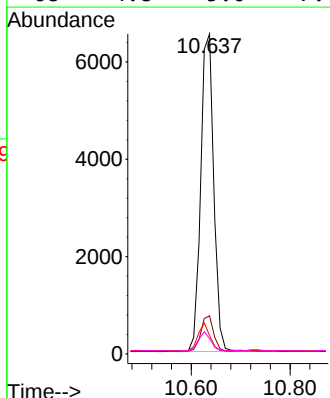
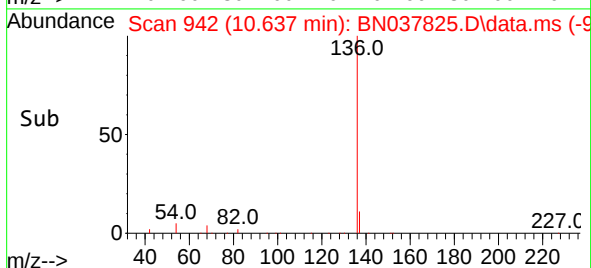
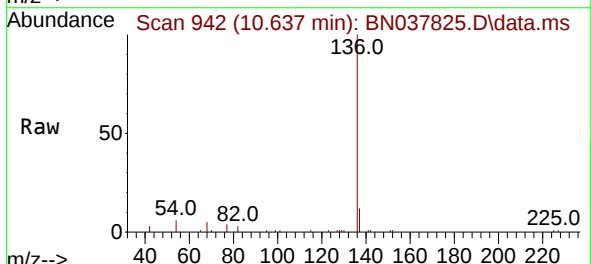


Tgt Ion: 93	Resp:	475	
Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.6	90.8
95	34.1	26.0	39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

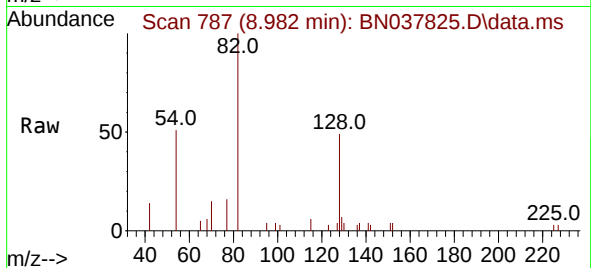
Tgt	Ion:136	Resp:	11932
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	5.7	6.3	9.5#
68	4.8	5.0	7.4#



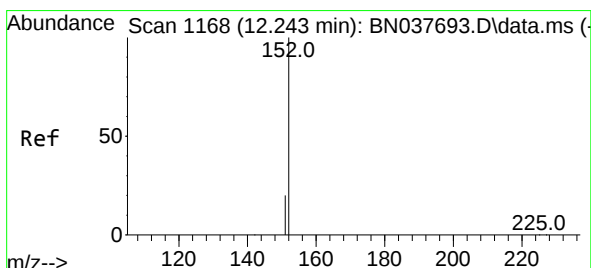
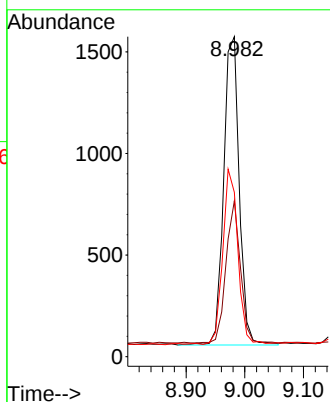
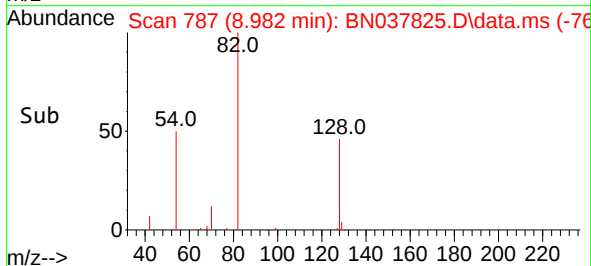


#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :

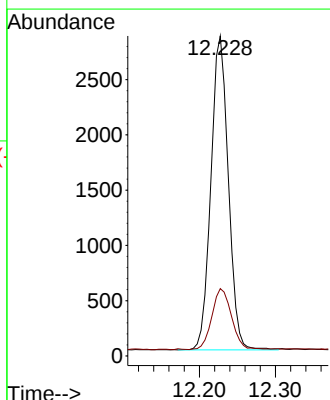
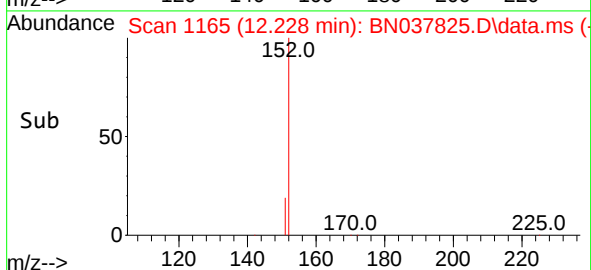
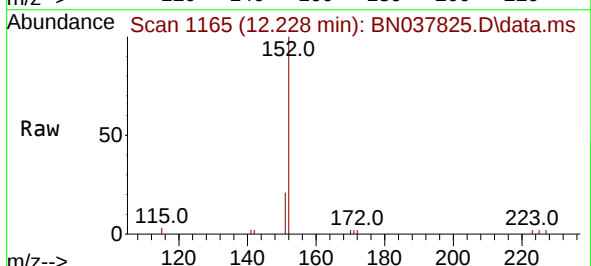


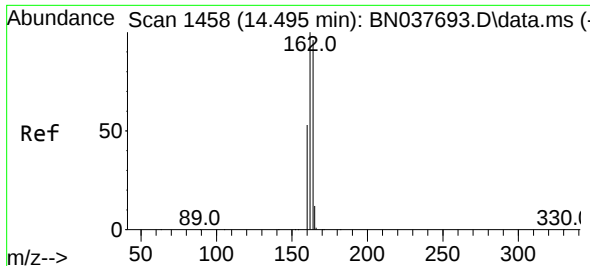
Tgt Ion: 82 Resp: 2793
Ion Ratio Lower Upper
82 100
128 48.7 38.3 57.5
54 51.4 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

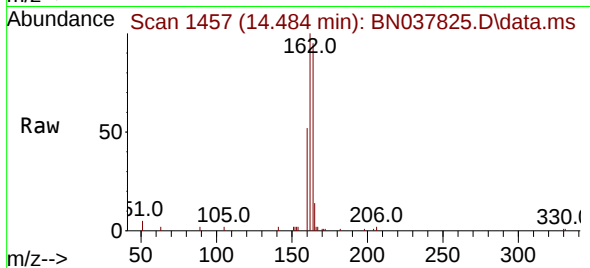
Tgt Ion: 152 Resp: 4513
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6



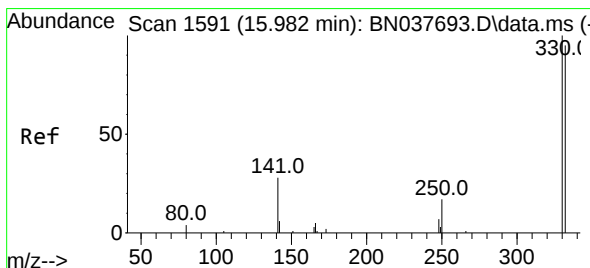
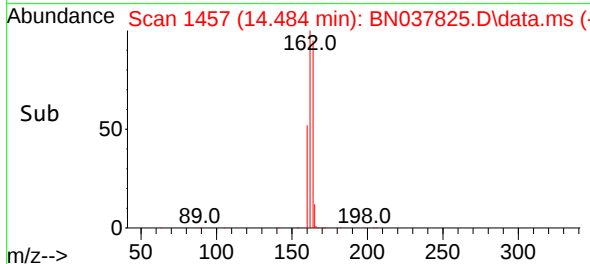
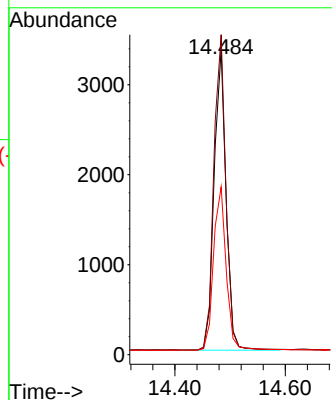


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :

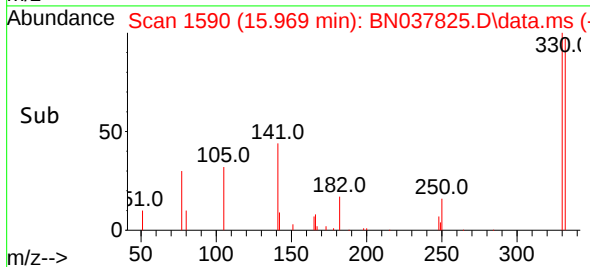
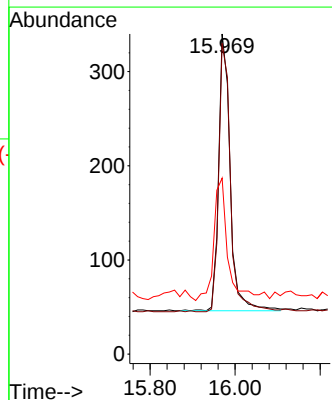
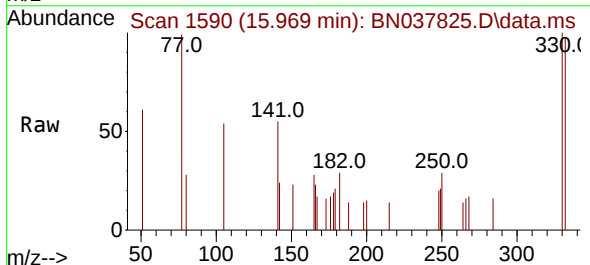


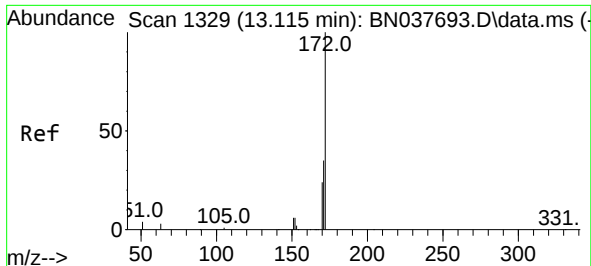
Tgt Ion:164 Resp: 5027
Ion Ratio Lower Upper
164 100
162 105.1 83.1 124.7
160 55.1 44.3 66.5



#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Tgt Ion:330 Resp: 555
Ion Ratio Lower Upper
330 100
332 98.6 75.3 112.9
141 53.0 35.0 52.4#

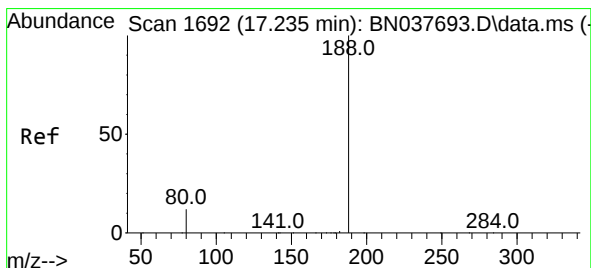
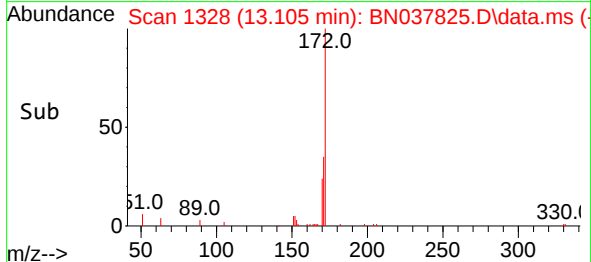
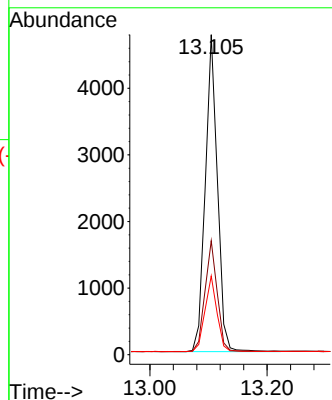
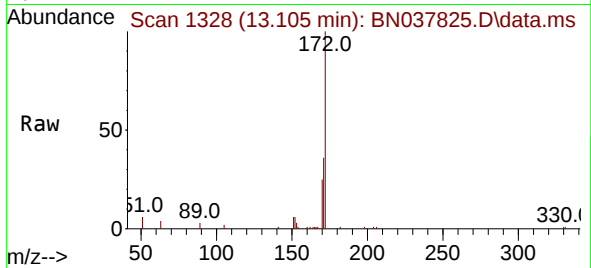




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

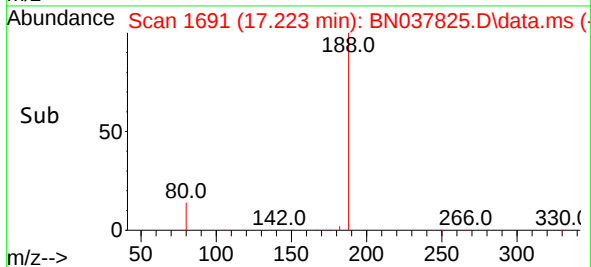
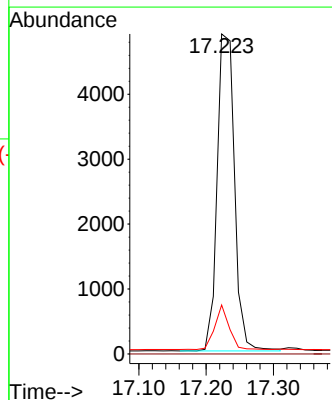
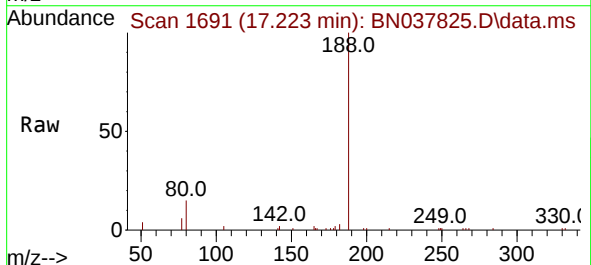
Instrument :
BNA_N
ClientSampleId :

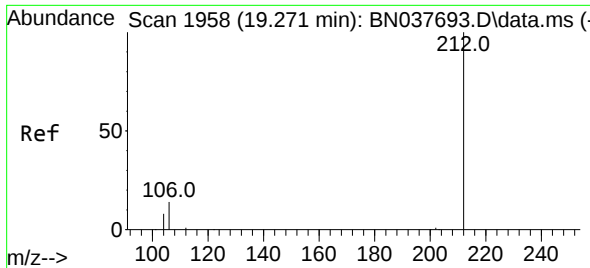
Tgt Ion:172 Resp: 6856
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.6 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

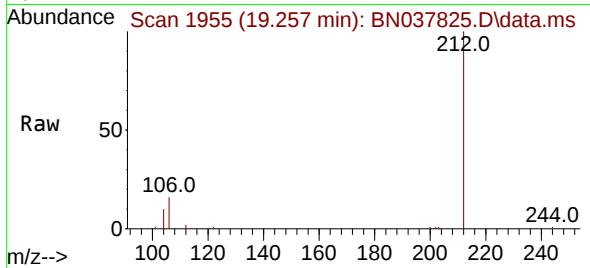
Tgt Ion:188 Resp: 8716
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 10.6 15.8



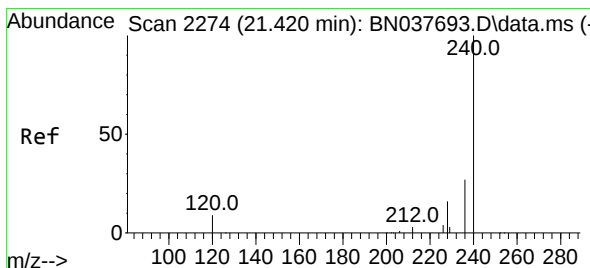
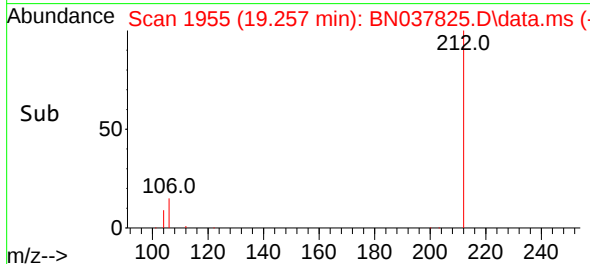
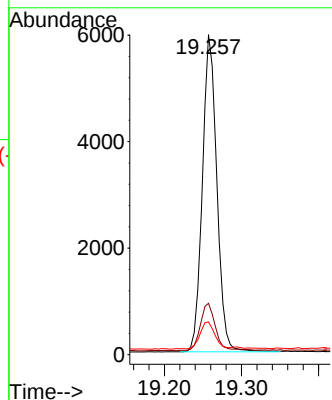


#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :

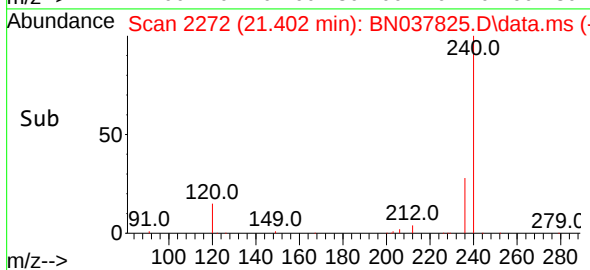
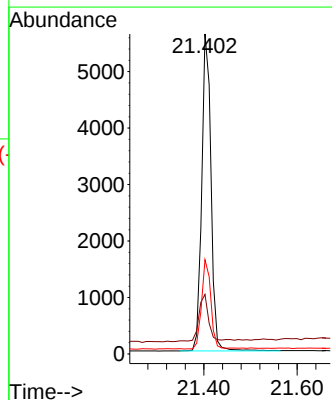
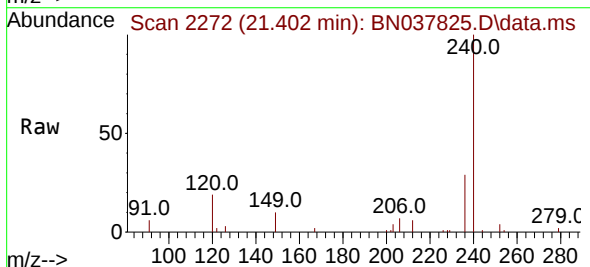


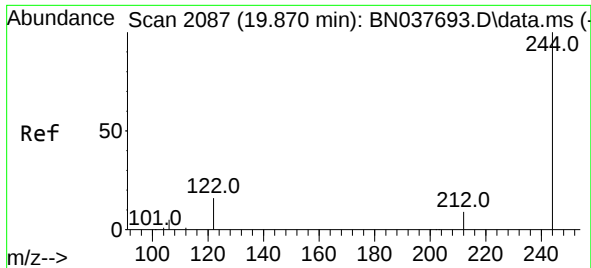
Tgt Ion:212 Resp: 7781
Ion Ratio Lower Upper
212 100
106 15.7 12.2 18.2
104 9.0 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

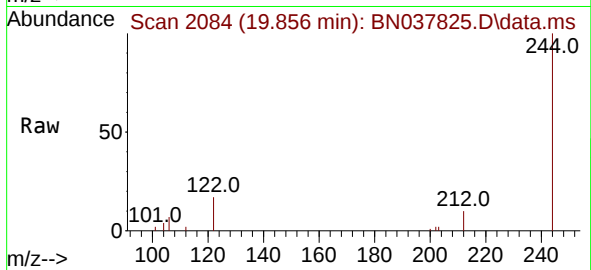
Tgt Ion:240 Resp: 7781
Ion Ratio Lower Upper
240 100
120 18.6 9.2 13.8#
236 29.4 22.6 33.8



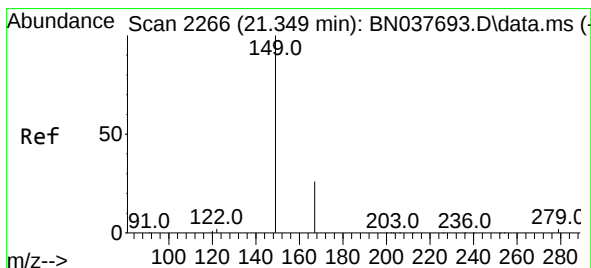
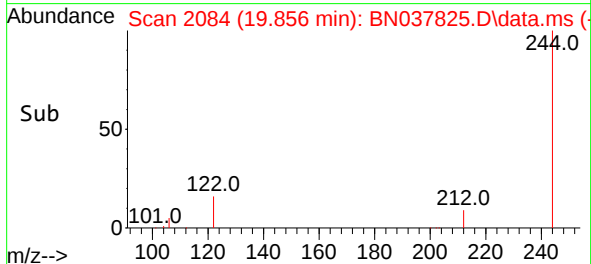
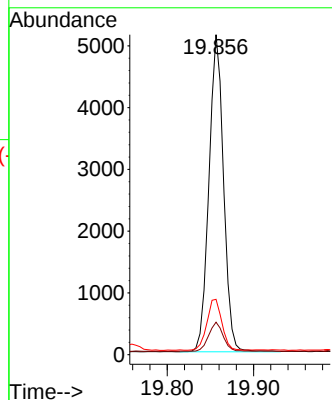


#31
 Terphenyl-d14
 Concen: 0.383 ng
 RT: 19.856 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN037825.D
 Acq: 19 Sep 2025 21:37

Instrument :
 BNA_N
 ClientSampleId :

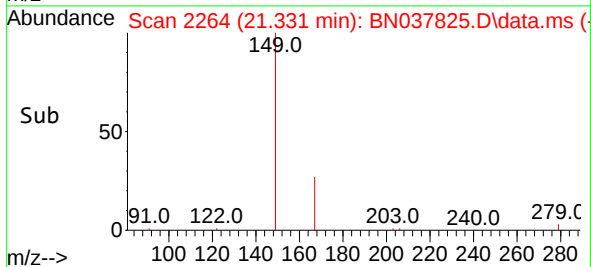
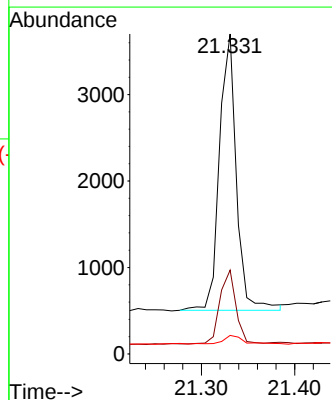
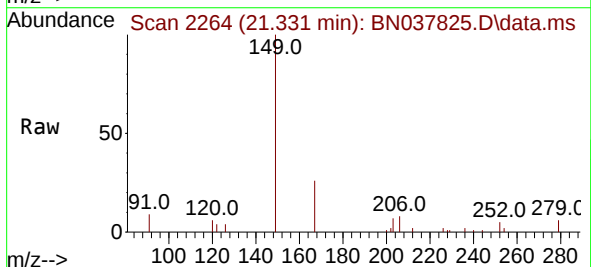


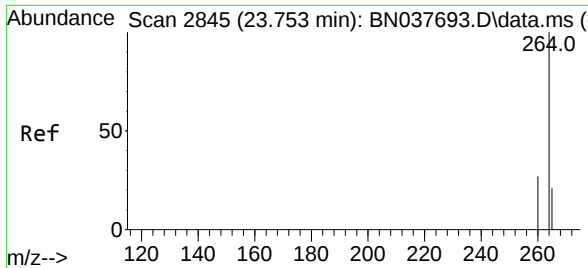
Tgt Ion:244 Resp: 6045
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.5 11.3
 122 17.3 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.501 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037825.D
 Acq: 19 Sep 2025 21:37

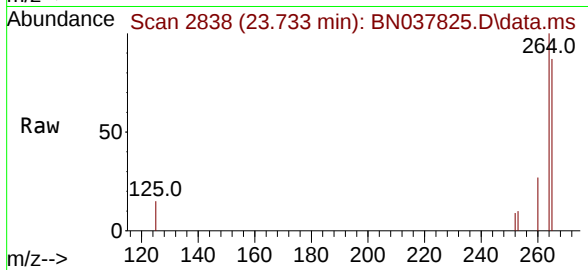
Tgt Ion:149 Resp: 4028
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.8 31.2
 279 3.9 3.3 4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.733 min Scan# 21
Delta R.T. -0.020 min
Lab File: BN037825.D
Acq: 19 Sep 2025 21:37

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 7494
Ion Ratio Lower Upper
264 100
260 26.6 21.8 32.8
265 87.3 39.4 59.2#

