

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027321.D
 Acq On : 31 Aug 2023 22:32
 Operator : MA/JU
 Sample : 04128-02
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 01 04:04:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

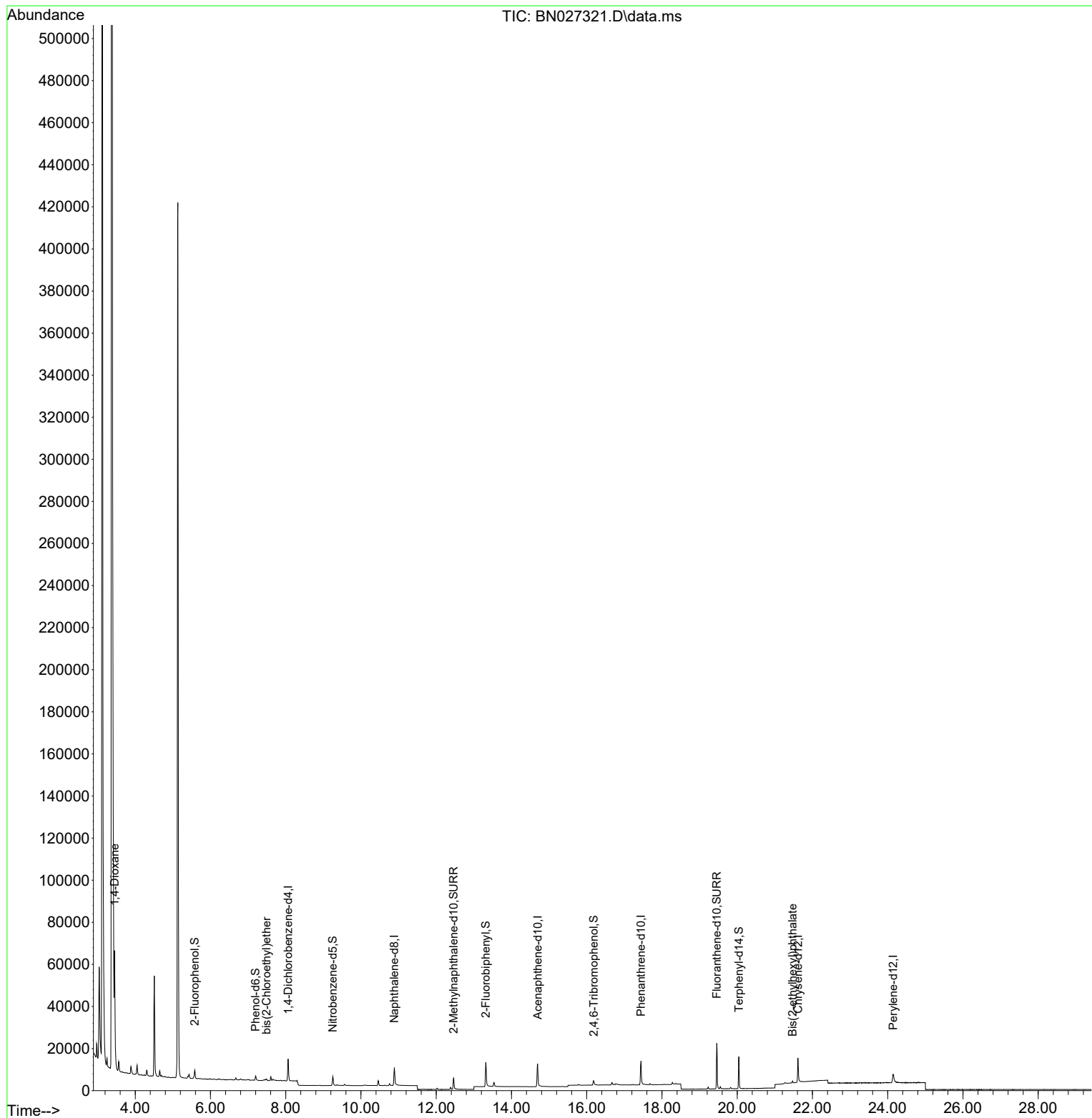
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	5098	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	13071	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	7714	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	19163	0.400	ng	# 0.00
29) Chrysene-d12	21.614	240	12829	0.400	ng	0.00
35) Perylene-d12	24.145	264	8668	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.581	112	3251	0.245	ng	0.00
5) Phenol-d6	7.199	99	2220	0.137	ng	0.00
8) Nitrobenzene-d5	9.251	82	3803	0.399	ng	-0.01
11) 2-Methylnaphthalene-d10	12.460	152	8835	0.460	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1516	0.531	ng	0.00
15) 2-Fluorobiphenyl	13.315	172	12020	0.410	ng	-0.01
27) Fluoranthene-d10	19.458	212	24700	0.519	ng	0.00
31) Terphenyl-d14	20.043	244	14818	0.575	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	30972	4.977	ng	# 94
6) bis(2-Chloroethyl)ether	7.488	93	527	0.034	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.470	149	909	0.043	ng	96

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

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ALS Vial : 102 Sample Multiplier: 1

Instrument :
BNA_N
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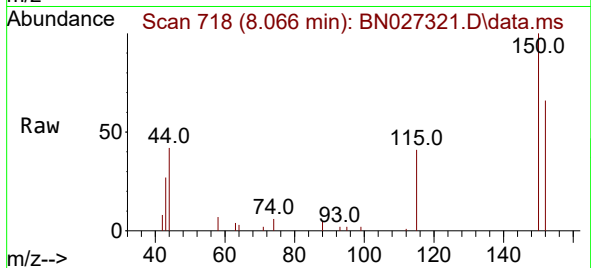
Quant Time: Sep 01 04:04:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



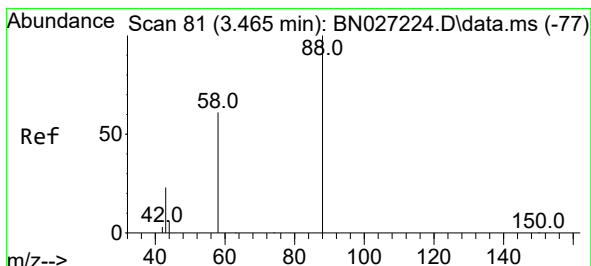
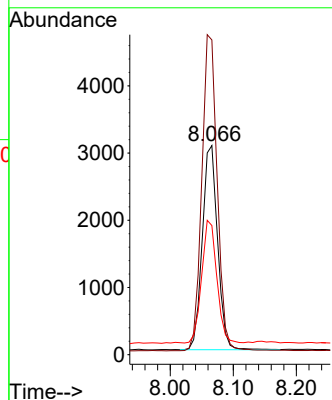
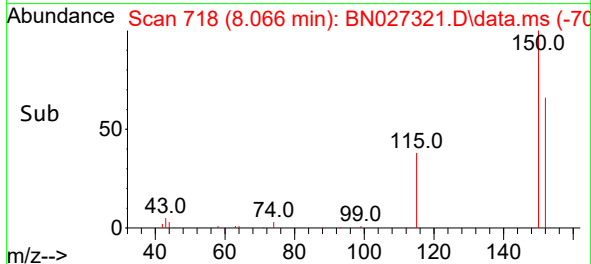


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027321.D
 Acq: 31 Aug 2023 22:32

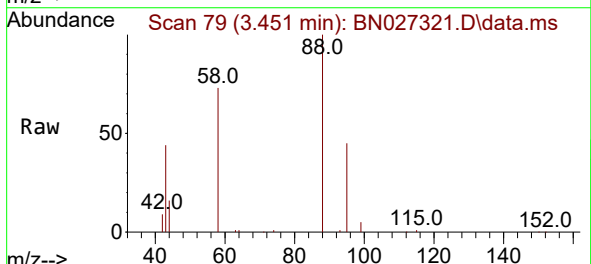
Instrument :
 BNA_N
 ClientSampleId :



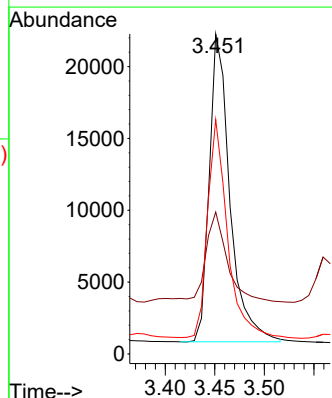
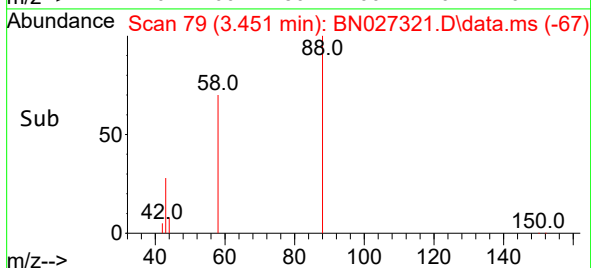
Tgt Ion:152 Resp: 5098
 Ion Ratio Lower Upper
 152 100
 150 150.5 122.7 184.1
 115 61.7 48.6 73.0



#2
 1,4-Dioxane
 Concen: 4.977 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.015 min
 Lab File: BN027321.D
 Acq: 31 Aug 2023 22:32



Tgt Ion: 88 Resp: 30972
 Ion Ratio Lower Upper
 88 100
 43 29.6 19.1 28.7#
 58 68.1 52.2 78.2

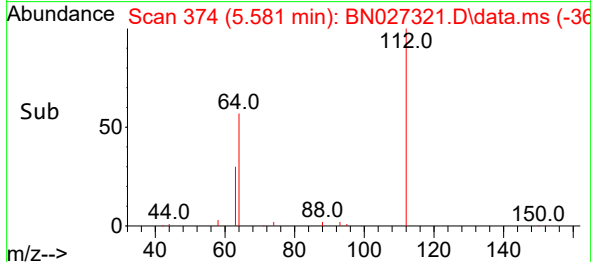
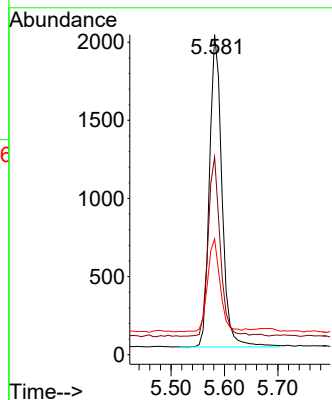
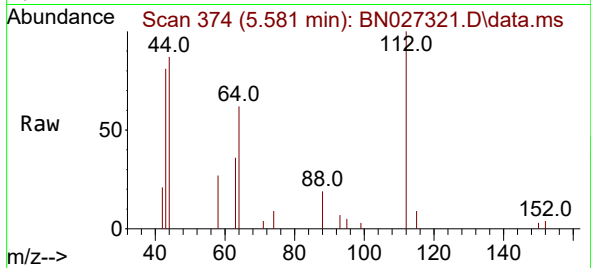




#4
2-Fluorophenol
Concen: 0.245 ng
RT: 5.581 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

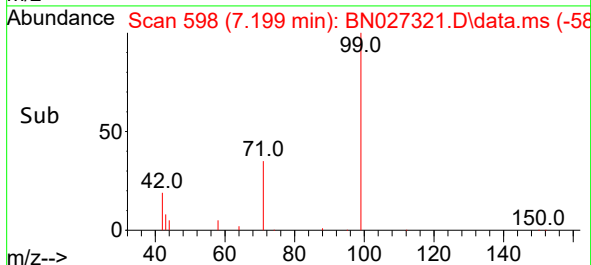
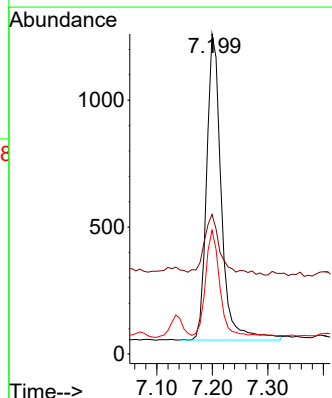
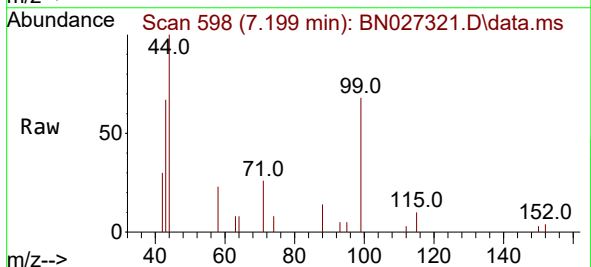
Instrument :
BNA_N
ClientSampleId :

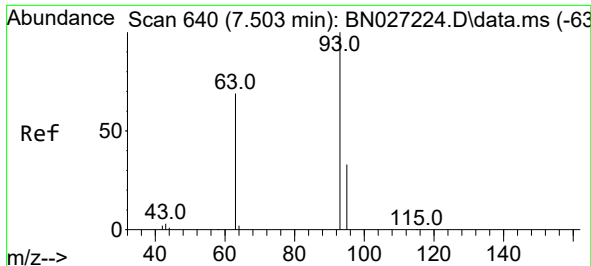
Tgt Ion:112 Resp: 3251
Ion Ratio Lower Upper
112 100
64 56.2 44.4 66.6
63 29.9 23.1 34.7



#5
Phenol-d6
Concen: 0.137 ng
RT: 7.199 min Scan# 598
Delta R.T. -0.007 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

Tgt Ion: 99 Resp: 2220
Ion Ratio Lower Upper
99 100
42 21.9 14.5 21.7#
71 32.9 25.8 38.6

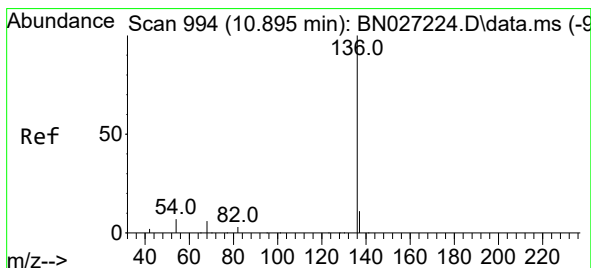
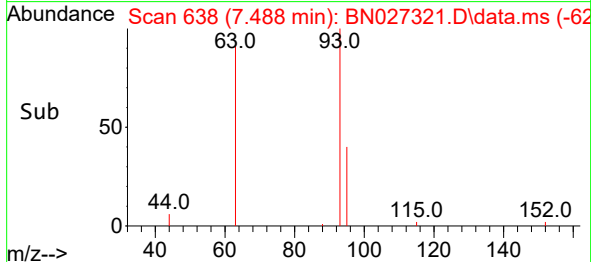
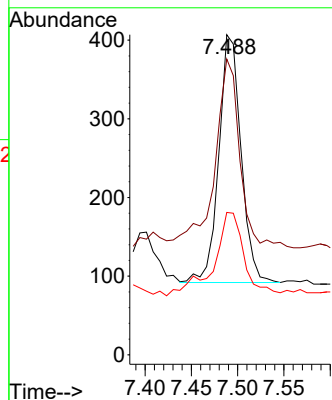
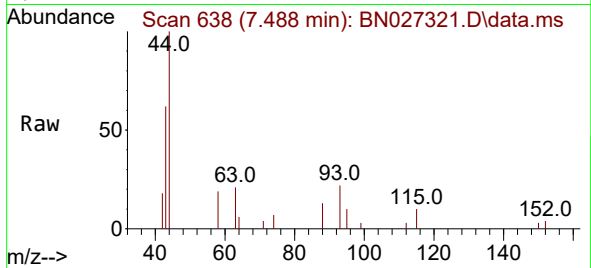




#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 7.488 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

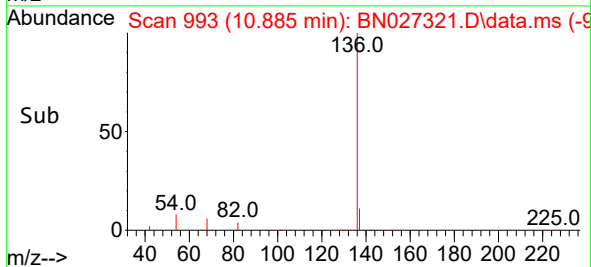
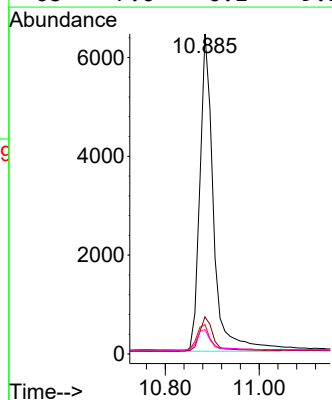
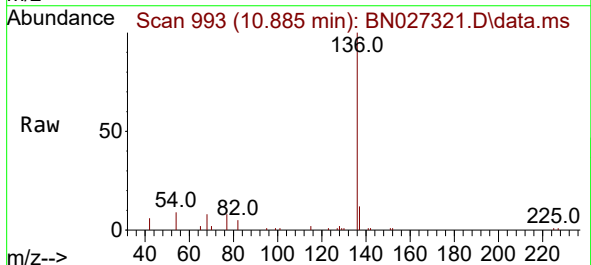
Instrument :
BNA_N
ClientSampleId :

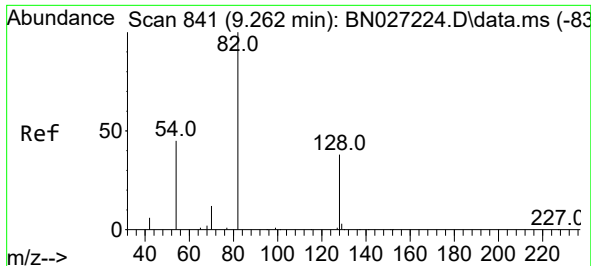
Tgt Ion: 93 Resp: 527
Ion Ratio Lower Upper
93 100
63 86.5 58.5 87.7
95 46.1 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 993
Delta R.T. -0.011 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

Tgt Ion: 136 Resp: 13071
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 9.2 6.7 10.1
68 7.6 6.1 9.1

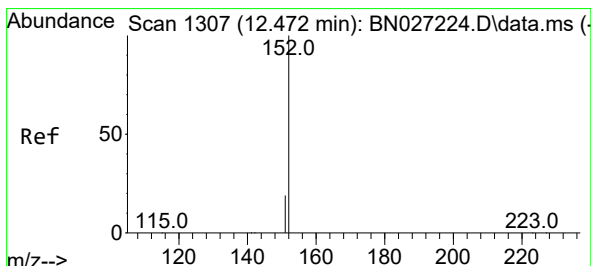
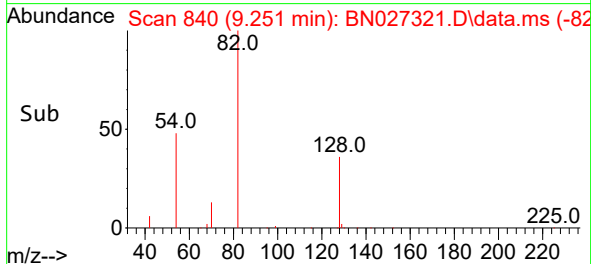
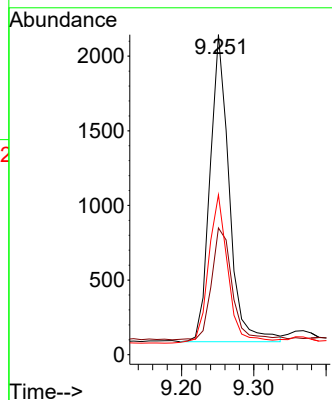
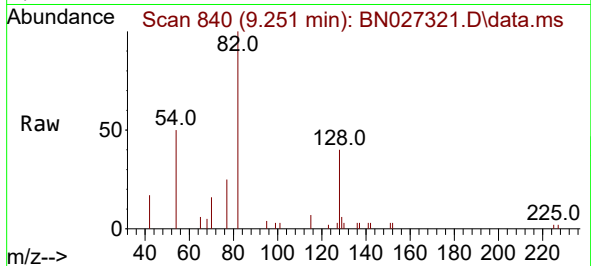




#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.251 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

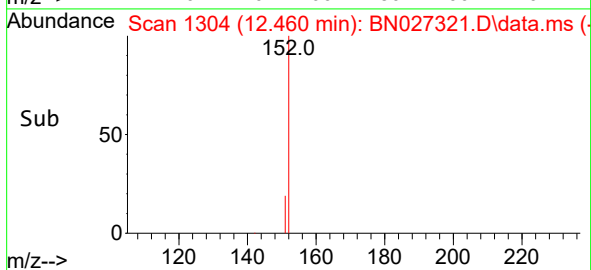
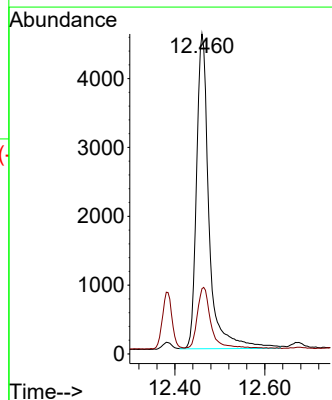
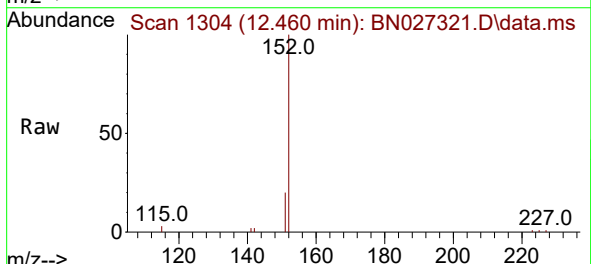
Instrument :
BNA_N
ClientSampleId :

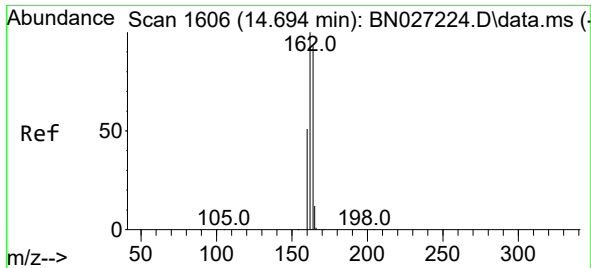
Tgt Ion: 82 Resp: 3803
Ion Ratio Lower Upper
82 100
128 39.6 33.4 50.0
54 50.0 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 12.460 min Scan# 1304
Delta R.T. -0.011 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

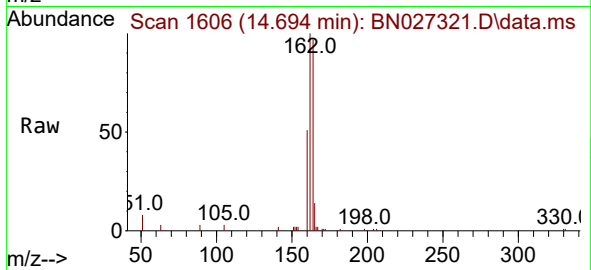
Tgt Ion: 152 Resp: 8835
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



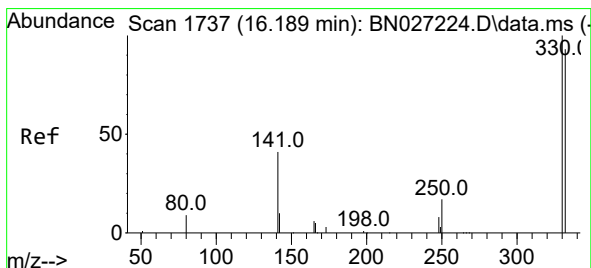
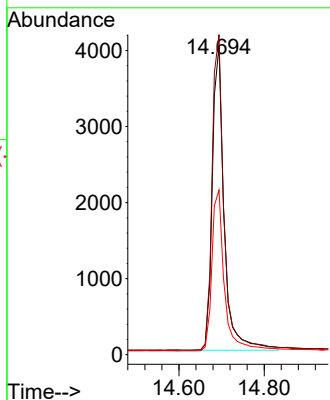
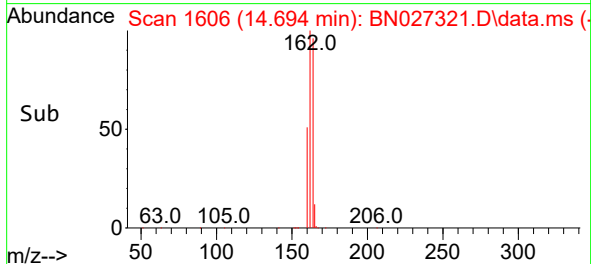


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

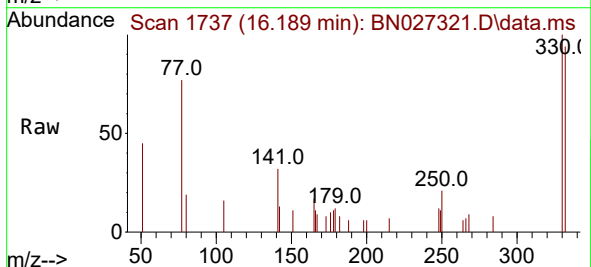
Instrument :
BNA_N
ClientSampleId :



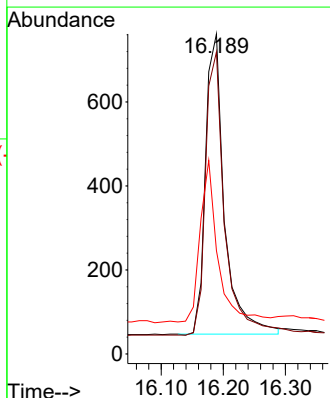
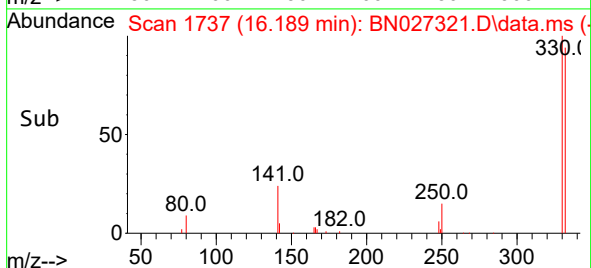
Tgt Ion:164 Resp: 7714
Ion Ratio Lower Upper
164 100
162 103.6 85.8 128.8
160 53.3 44.2 66.2

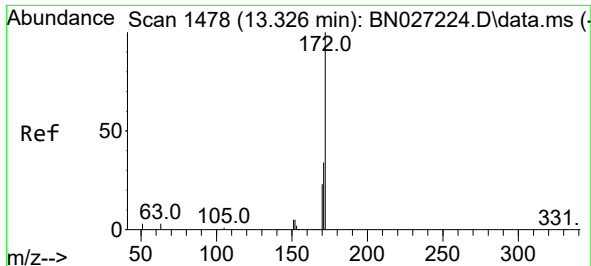


#14
2,4,6-Tribromophenol
Concen: 0.531 ng
RT: 16.189 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32



Tgt Ion:330 Resp: 1516
Ion Ratio Lower Upper
330 100
332 95.4 75.2 112.8
141 50.2 36.2 54.4

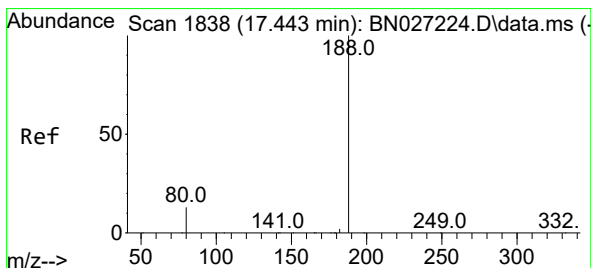
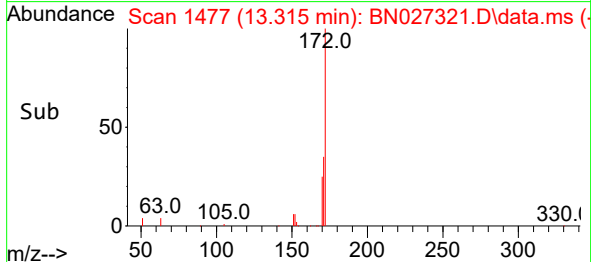
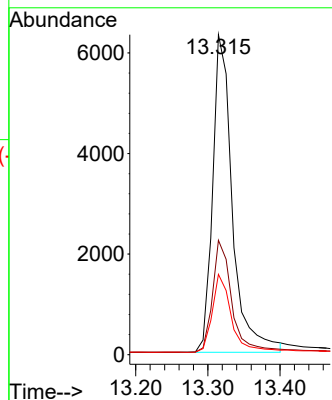
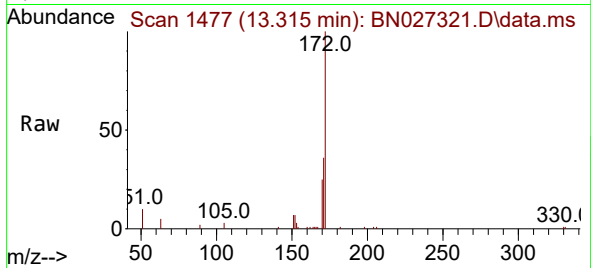




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.315 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

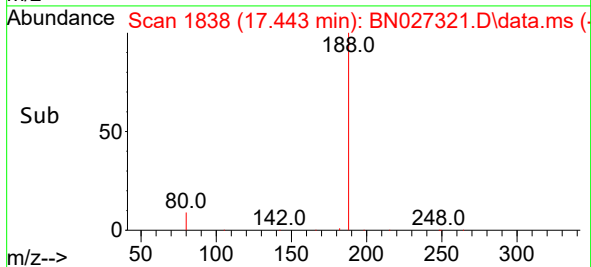
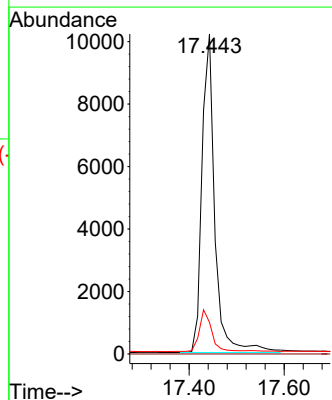
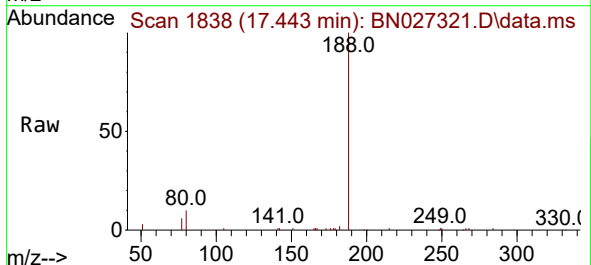
Instrument :
BNA_N
ClientSampleId :

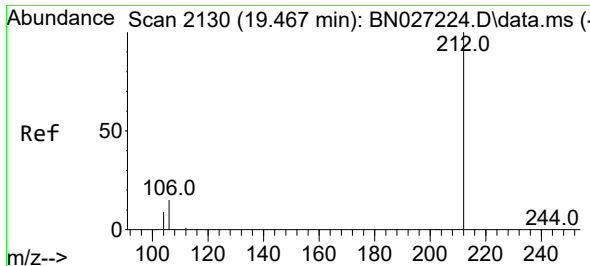
Tgt Ion:172 Resp: 12020
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 25.1 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

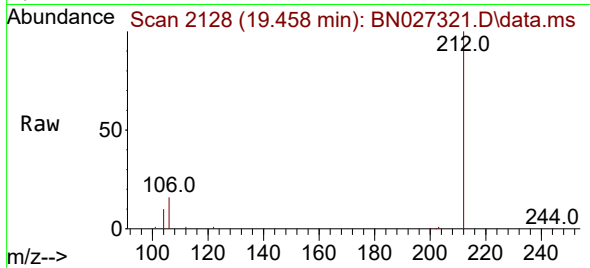
Tgt Ion:188 Resp: 19163
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 11.0 16.6#



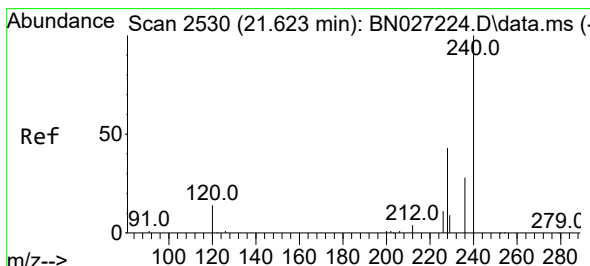
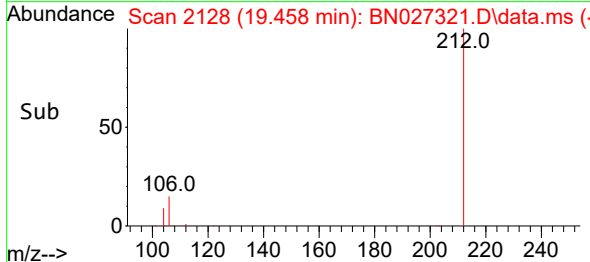
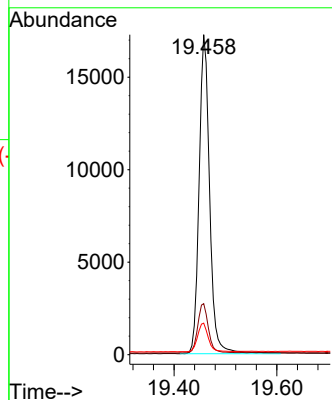


#27
Fluoranthene-d10
Concen: 0.519 ng
RT: 19.458 min Scan# 2128
Delta R.T. -0.009 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

Instrument :
BNA_N
ClientSampleId :

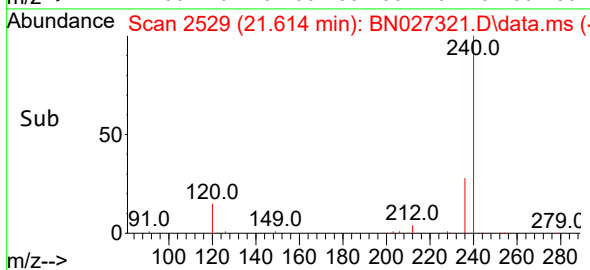
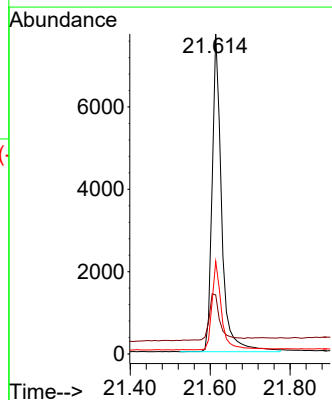
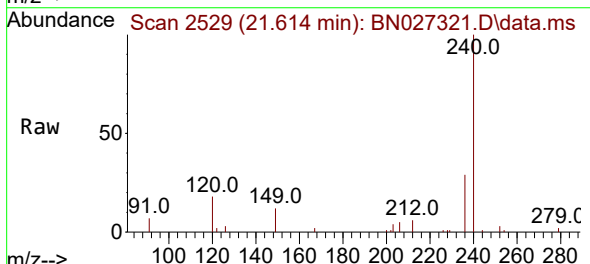


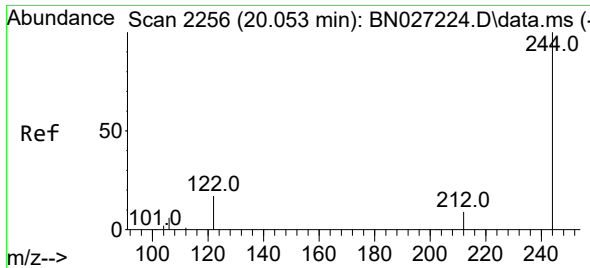
Tgt Ion:212 Resp: 24700
Ion Ratio Lower Upper
212 100
106 15.7 12.1 18.1
104 9.0 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.614 min Scan# 2529
Delta R.T. -0.009 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

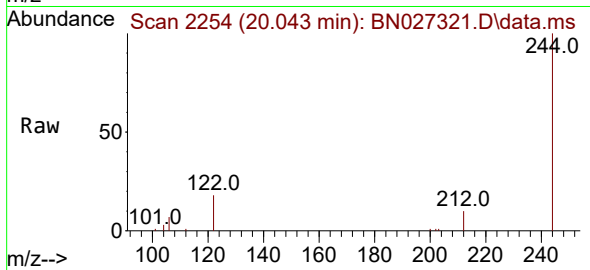
Tgt Ion:240 Resp: 12829
Ion Ratio Lower Upper
240 100
120 18.4 14.2 21.4
236 29.0 22.9 34.3



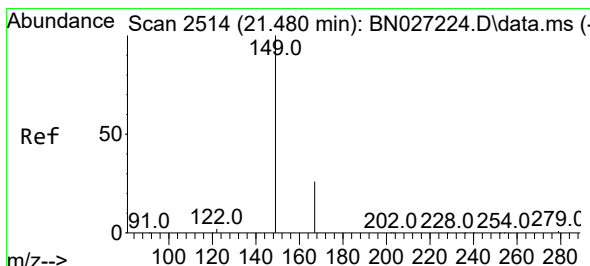
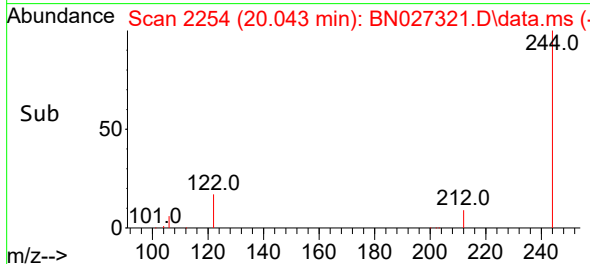
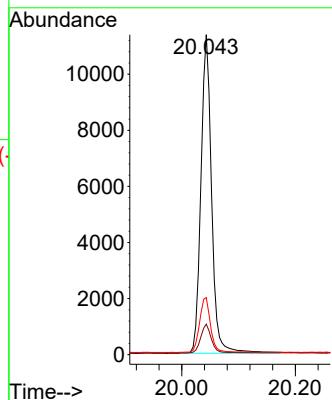


#31
 Terphenyl-d14
 Concen: 0.575 ng
 RT: 20.043 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN027321.D
 Acq: 31 Aug 2023 22:32

Instrument :
 BNA_N
 ClientSampleId :

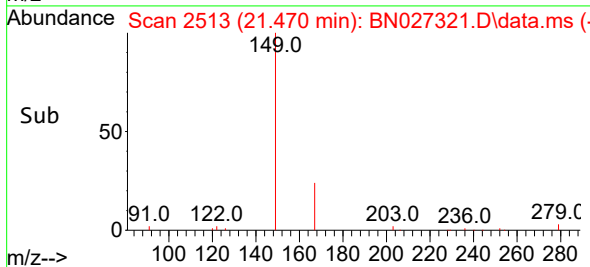
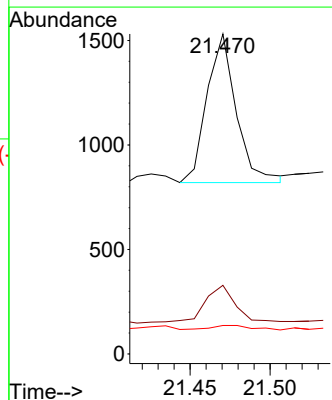
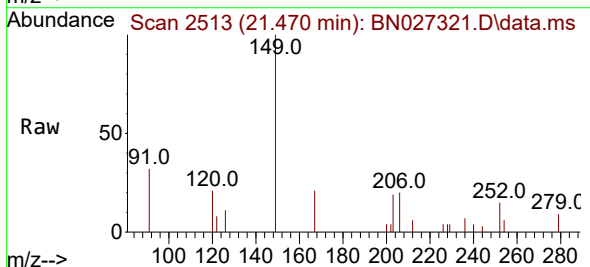


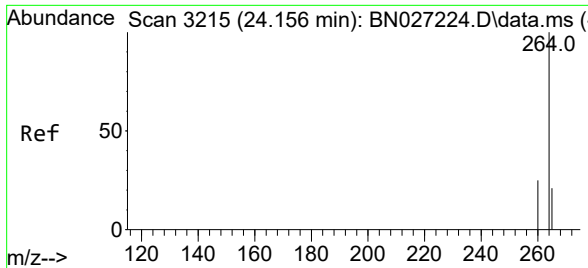
Tgt Ion:244 Resp: 14818
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.5 11.3
 122 17.9 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng
 RT: 21.470 min Scan# 2513
 Delta R.T. -0.009 min
 Lab File: BN027321.D
 Acq: 31 Aug 2023 22:32

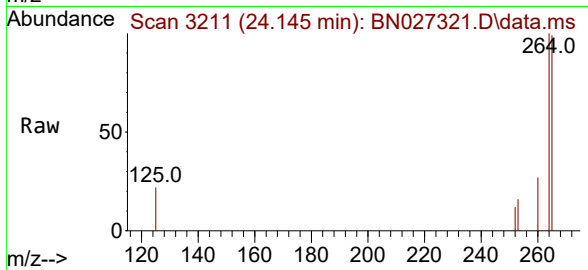
Tgt Ion:149 Resp: 909
 Ion Ratio Lower Upper
 149 100
 167 25.4 22.1 33.1
 279 4.1 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.145 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN027321.D
Acq: 31 Aug 2023 22:32

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	8668
Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.7	31.1
265	98.7	53.3	79.9

