

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144345.D
 Acq On : 25 Nov 2025 12:10
 Operator : RC/JU
 Sample : PB170694TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170694TB

Quant Time: Nov 25 12:29:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

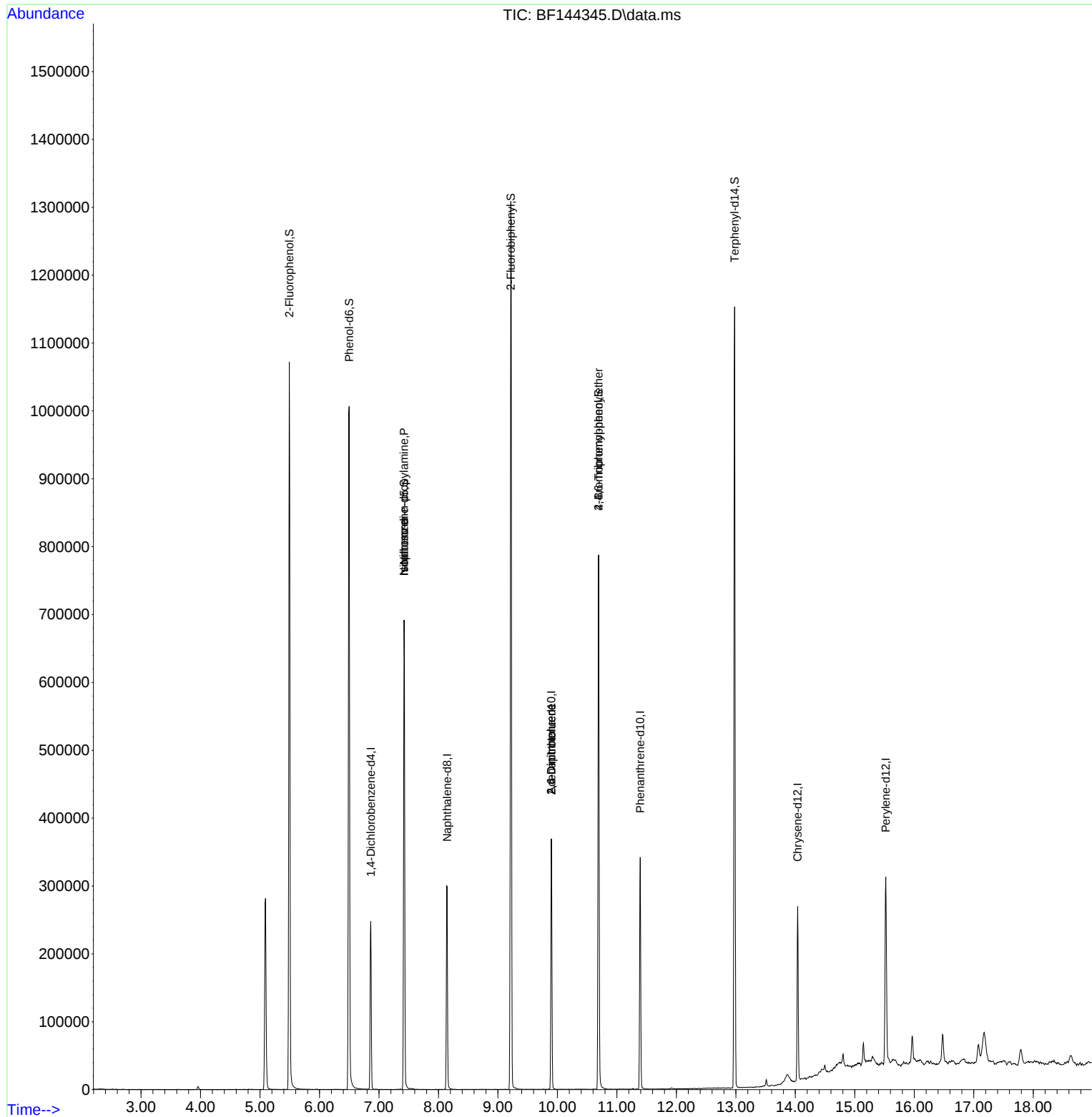
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	54153	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	211074	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	117457	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	195814	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	130296	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	159280	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	429320	124.062	ng	0.00
7) Phenol-d6	6.498	99	477564	121.795	ng	0.00
23) Nitrobenzene-d5	7.422	82	302741	82.837	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	160590	108.952	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	645962	81.225	ng	-0.01
79) Terphenyl-d14	12.980	244	621016	75.706	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	43272	16.764	ng	# 79
25) Isophorone	7.422	82	302737	43.794	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	14409	9.148	ng	# 27
57) 2,4-Dinitrotoluene	9.898	165	14409	6.833	ng	# 27
67) 4-Bromophenyl-phenylether	10.692	248	9176	3.671	ng	# 1

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

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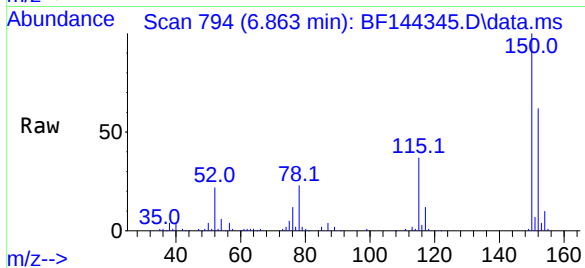
Quant Time: Nov 25 12:29:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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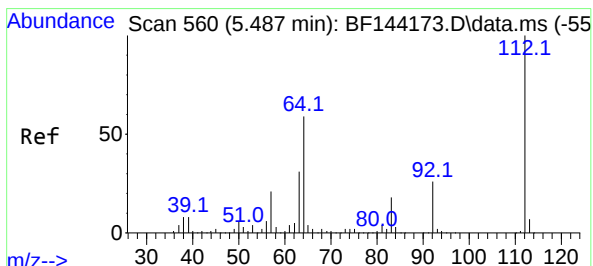
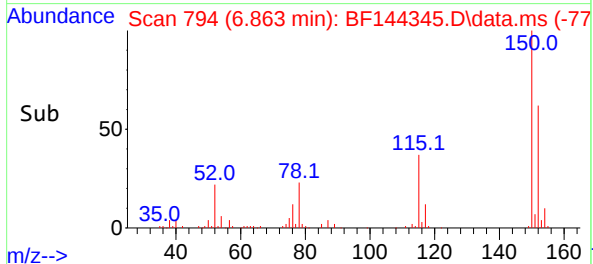
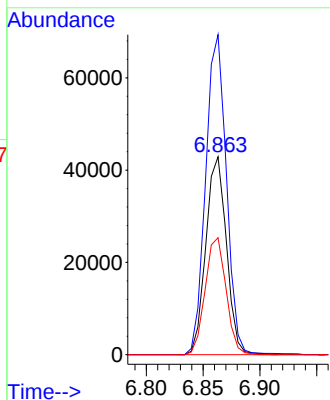


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Instrument :
BNA_F
ClientSampleId :
PB170694TB

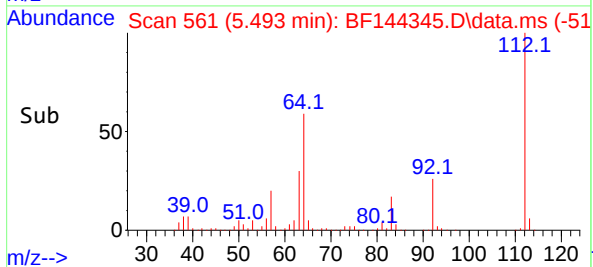
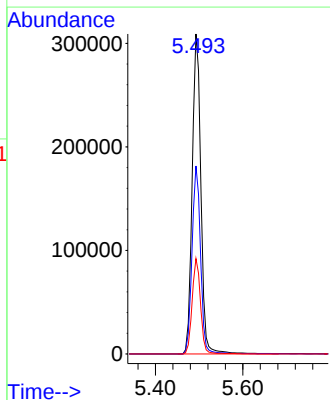
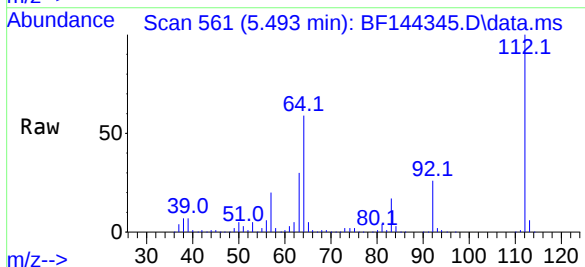


Tgt Ion:152 Resp: 54153
Ion Ratio Lower Upper
152 100
150 161.7 127.4 191.0
115 59.1 49.5 74.3



#5
2-Fluorophenol
Concen: 124.062 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Tgt Ion:112 Resp: 429320
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 29.8 24.4 36.6

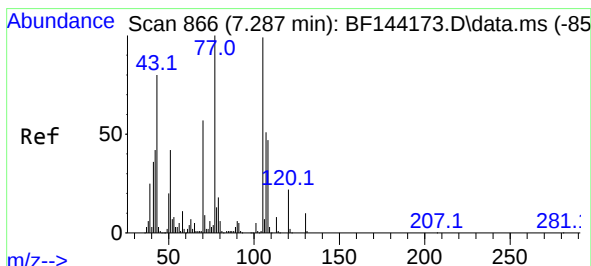
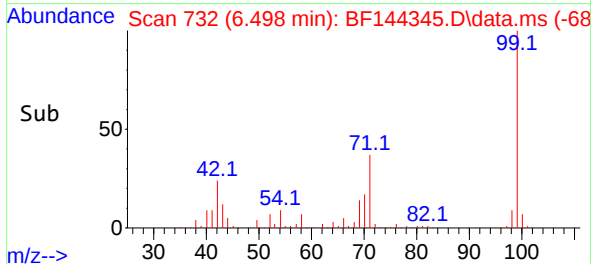
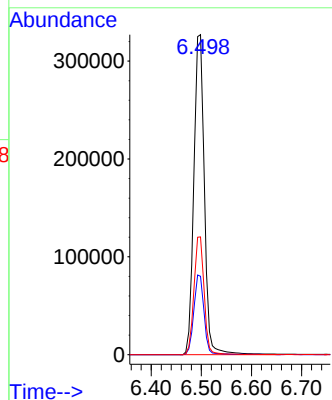
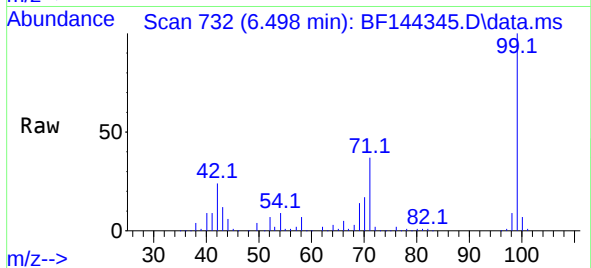




#7
Phenol-d6
Concen: 121.795 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

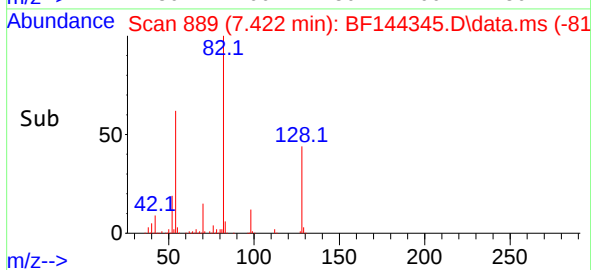
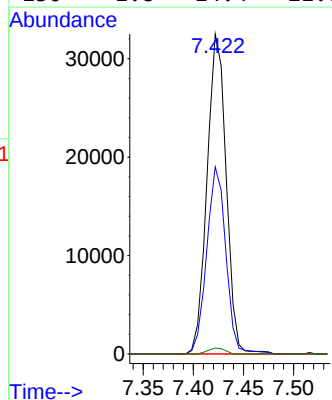
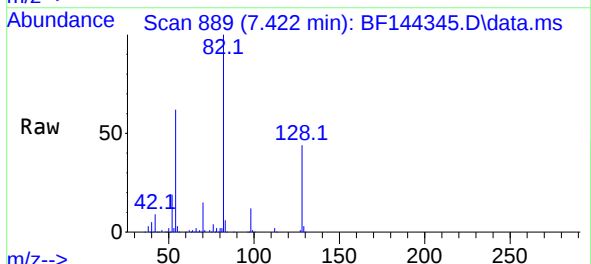
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BNA_F
ClientSampleId :
PB170694TB

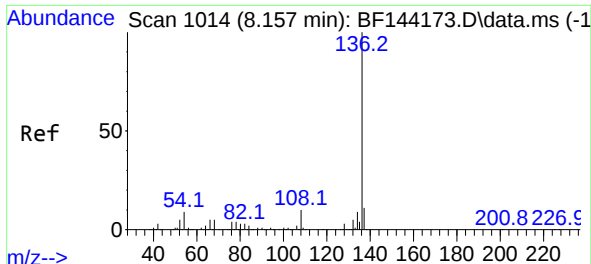
Tgt Ion: 99 Resp: 477564
Ion Ratio Lower Upper
99 100
42 24.5 20.9 31.3
71 36.8 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.764 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Tgt Ion: 70 Resp: 43272
Ion Ratio Lower Upper
70 100
42 58.5 58.3 87.5
101 0.0 7.0 10.6#
130 1.8 14.4 21.6#



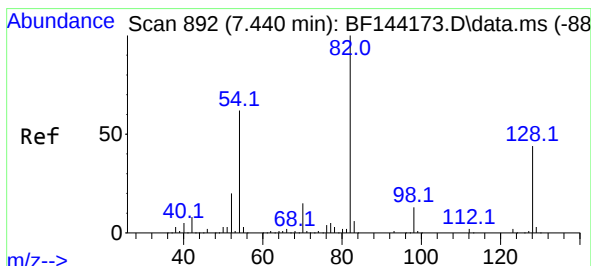
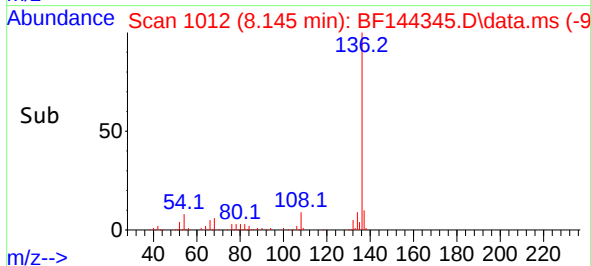
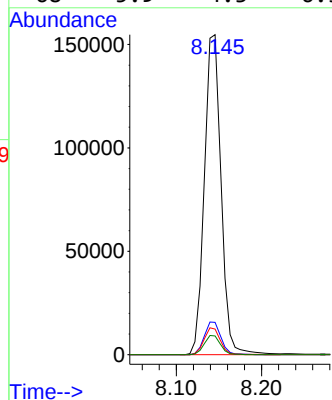
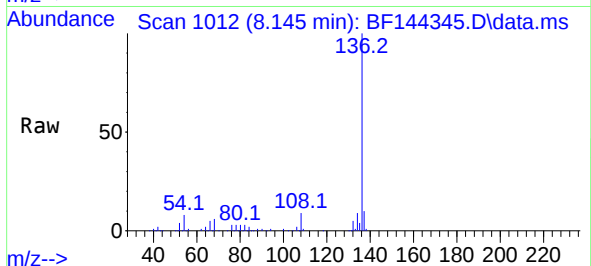


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Instrument :
BNA_F
ClientSampleId :
PB170694TB

Tgt Ion:136 Resp: 211074

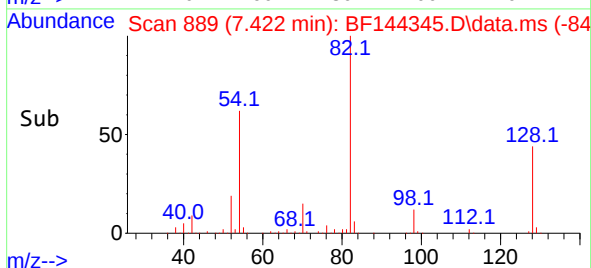
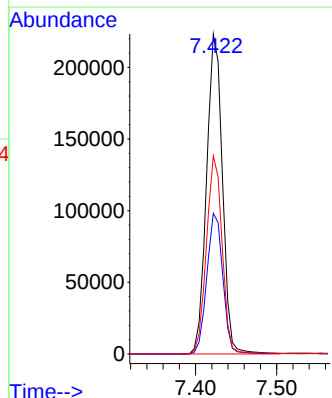
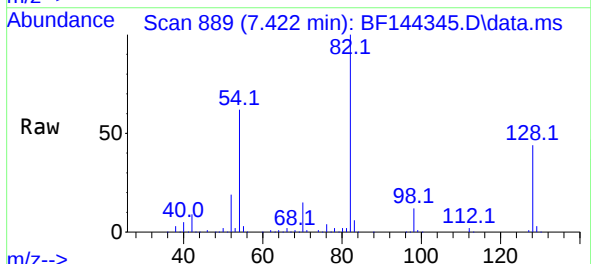
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	13.0
54	8.0	7.0	10.6
68	5.9	4.3	6.5

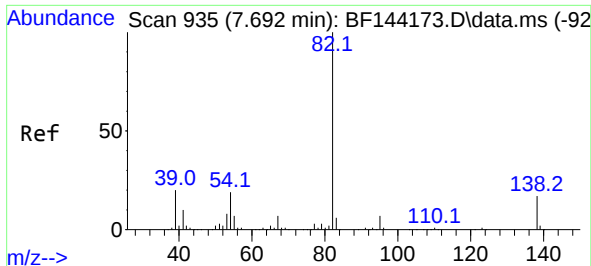


#23
Nitrobenzene-d5
Concen: 82.837 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Tgt Ion: 82 Resp: 302741

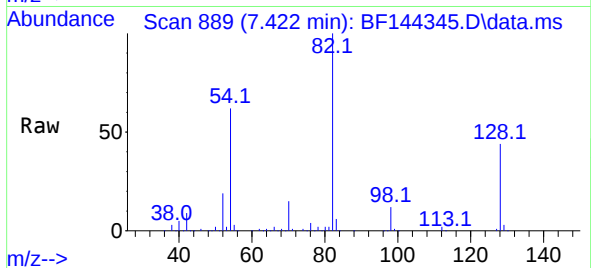
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.7	52.1
54	61.9	49.5	74.3



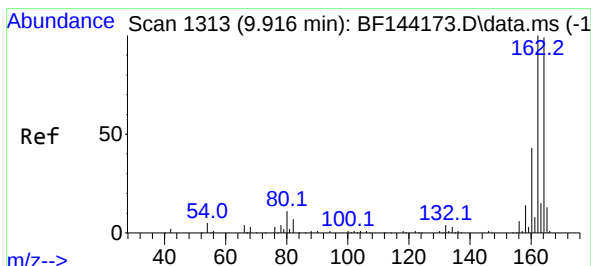
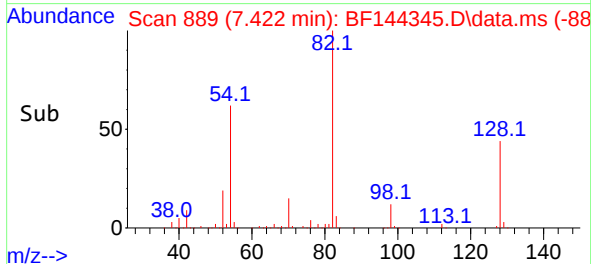
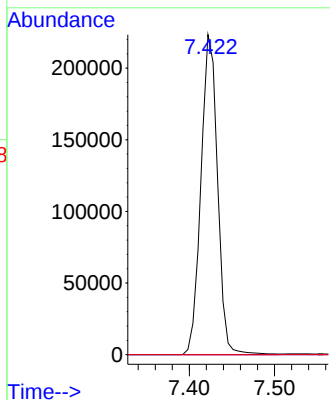


#25
Isophorone
Concen: 43.794 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Instrument :
BNA_F
ClientSampleId :
PB170694TB

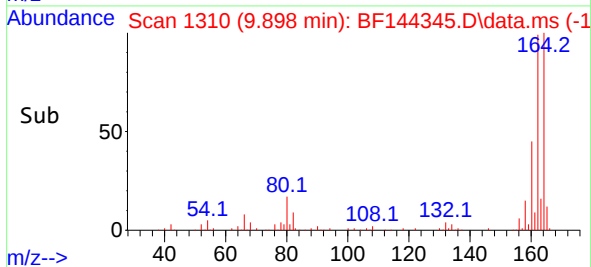
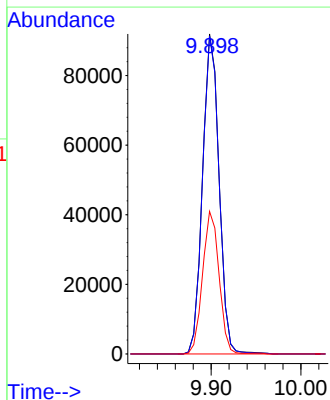
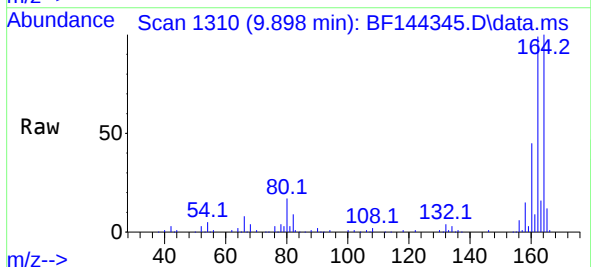


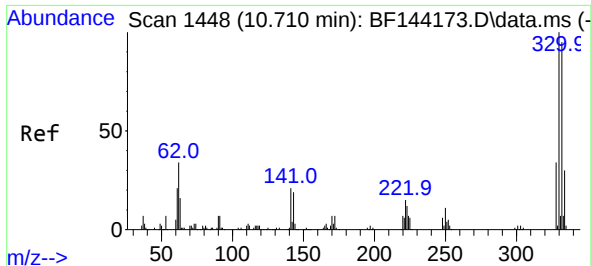
Tgt Ion: 82 Resp: 302737
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

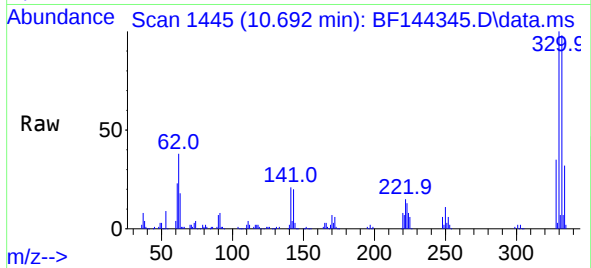
Tgt Ion:164 Resp: 117457
Ion Ratio Lower Upper
164 100
162 99.4 81.1 121.7
160 44.5 34.5 51.7



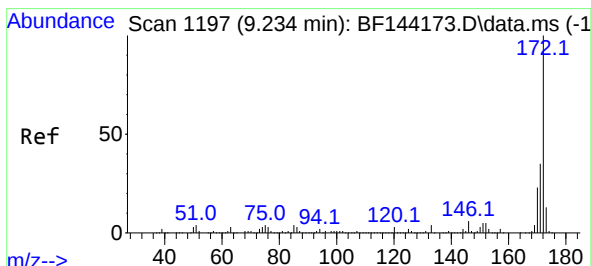
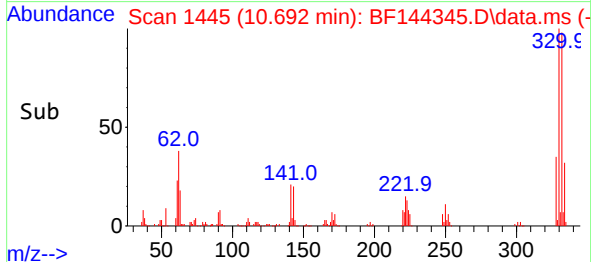
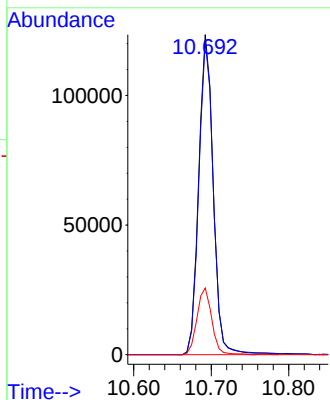


#42
2,4,6-Tribromophenol
Concen: 108.952 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Instrument :
BNA_F
ClientSampleId :
PB170694TB

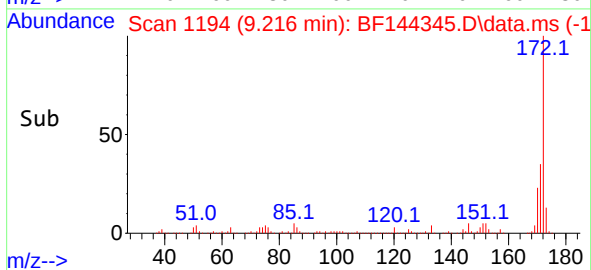
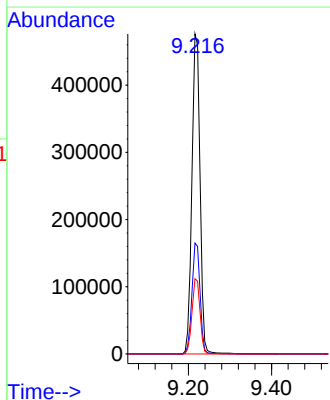
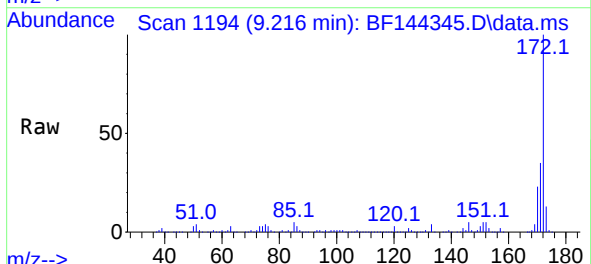


Tgt Ion:330 Resp: 160590
Ion Ratio Lower Upper
330 100
332 98.4 76.7 115.1
141 21.2 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 81.225 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Tgt Ion:172 Resp: 645962
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.5 18.6 28.0

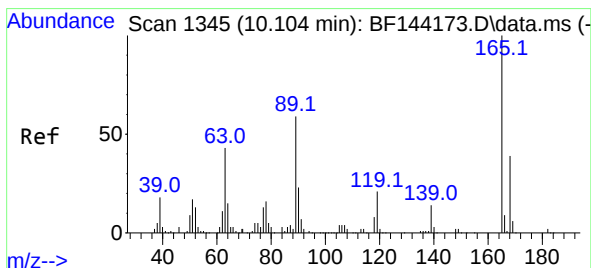
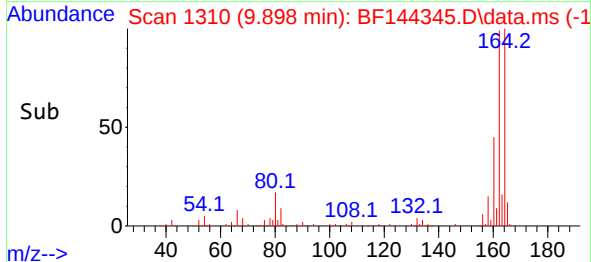
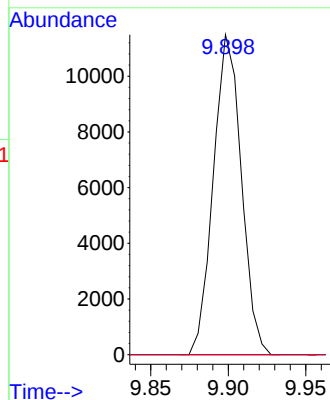
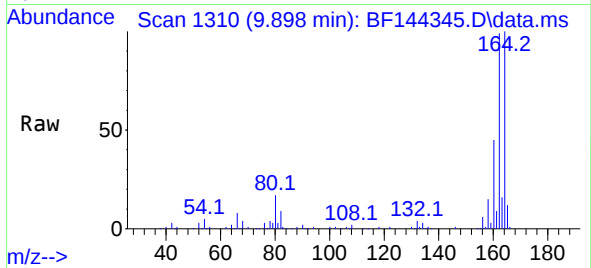




#51
2,6-Dinitrotoluene
Concen: 9.148 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

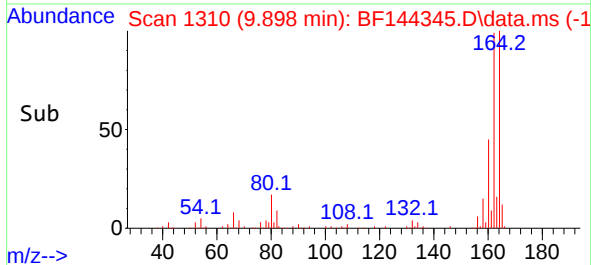
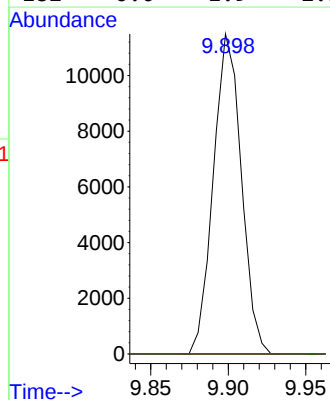
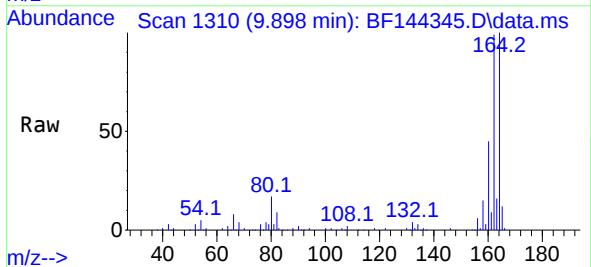
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ClientSampleId :
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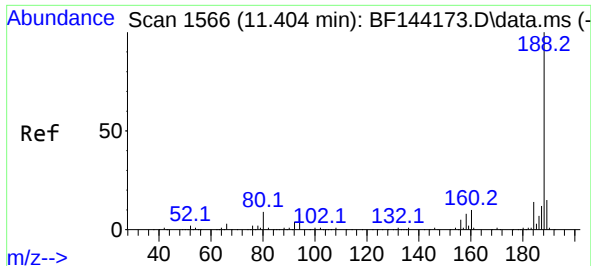
Tgt Ion:165 Resp: 14409
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 6.833 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.200 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Tgt Ion:165 Resp: 14409
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 0.0 47.4 71.2#
182 0.0 1.9 2.9#

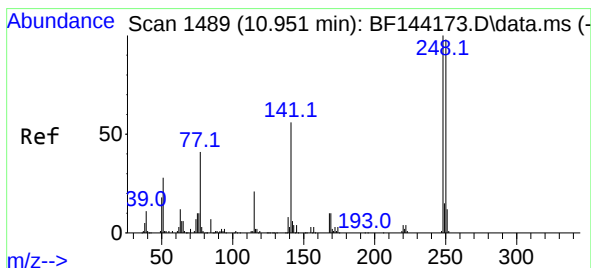
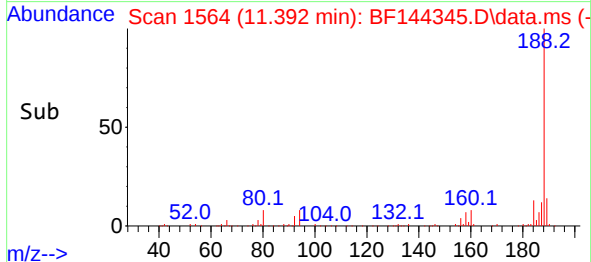
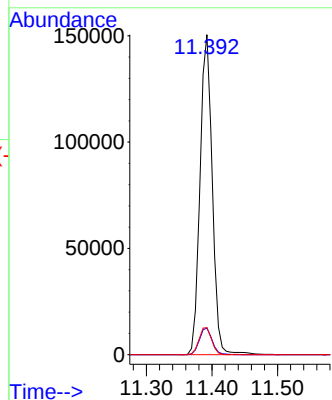
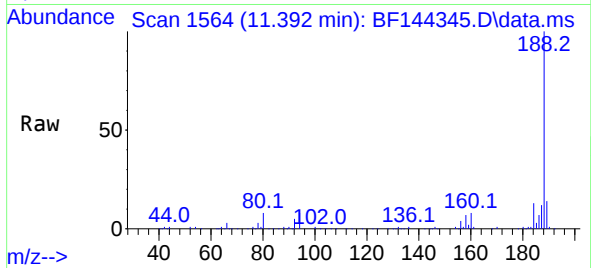




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

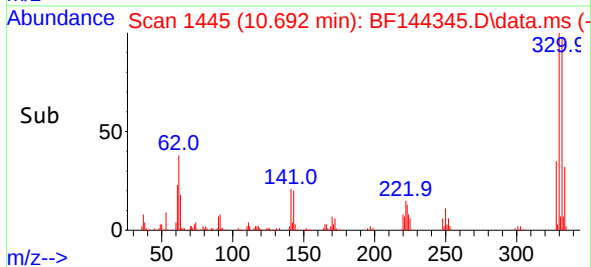
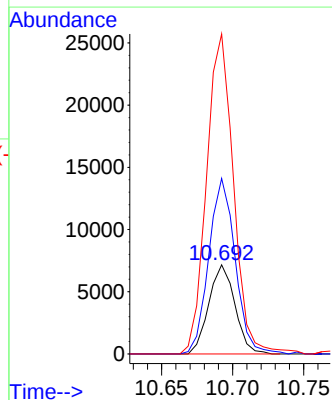
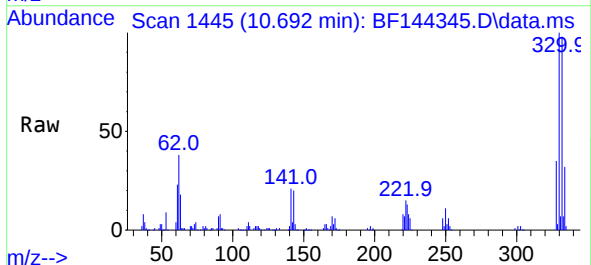
Instrument :
BNA_F
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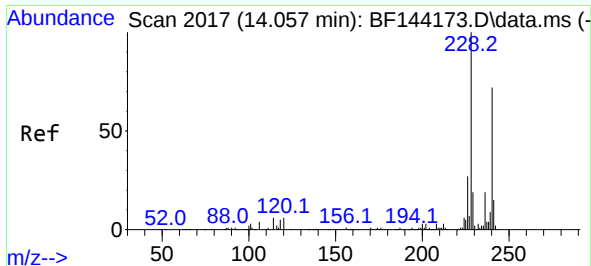
Tgt Ion:188 Resp: 195814
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.5 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.671 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Tgt Ion:248 Resp: 9176
Ion Ratio Lower Upper
248 100
250 196.8 78.4 117.6#
141 358.8 45.1 67.7#

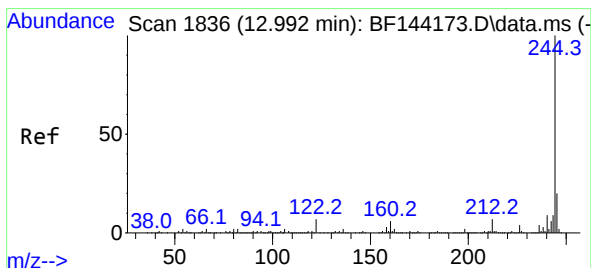
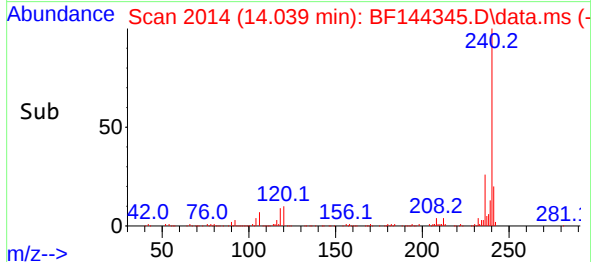
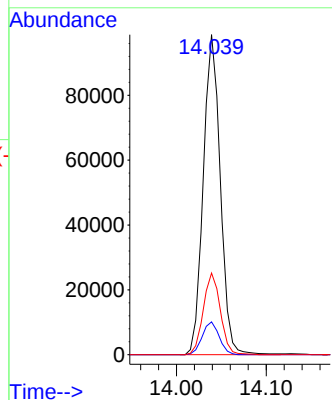
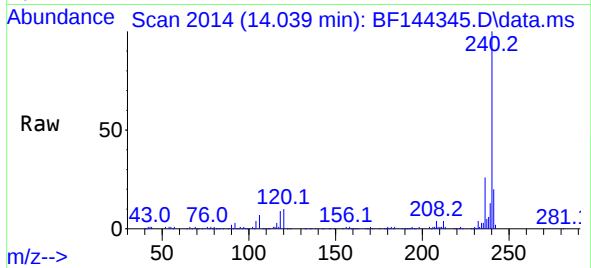




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

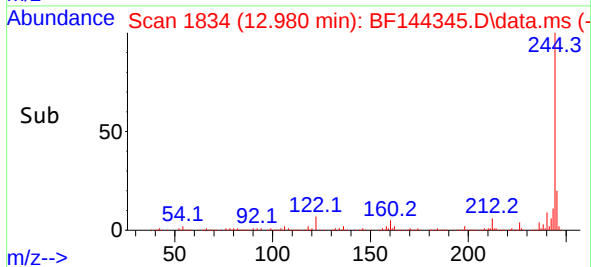
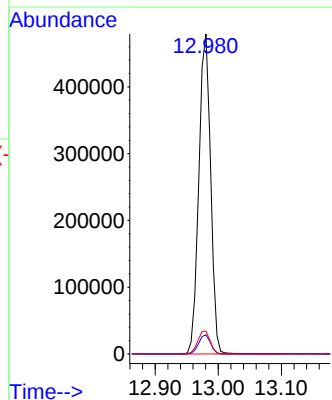
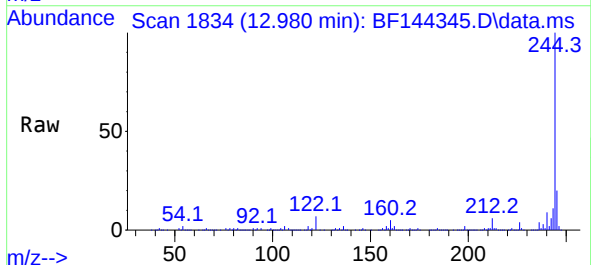
Instrument :
BNA_F
ClientSampleId :
PB170694TB

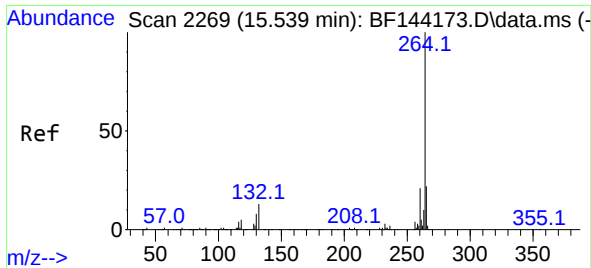
Tgt Ion:240 Resp: 130296
Ion Ratio Lower Upper
240 100
120 10.3 6.6 10.0#
236 25.5 21.4 32.2



#79
Terphenyl-d14
Concen: 75.706 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Tgt Ion:244 Resp: 621016
Ion Ratio Lower Upper
244 100
212 6.0 5.3 7.9
122 7.1 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF144345.D
 Acq: 25 Nov 2025 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB170694TB

Tgt Ion:264 Resp: 159280
 Ion Ratio Lower Upper
 264 100
 260 21.1 17.1 25.7
 265 21.5 17.4 26.0

