

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140746.D
 Acq On : 05 Dec 2024 14:10
 Operator : RC/JU
 Sample : PB165341TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165341TB

Quant Time: Dec 05 14:33:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

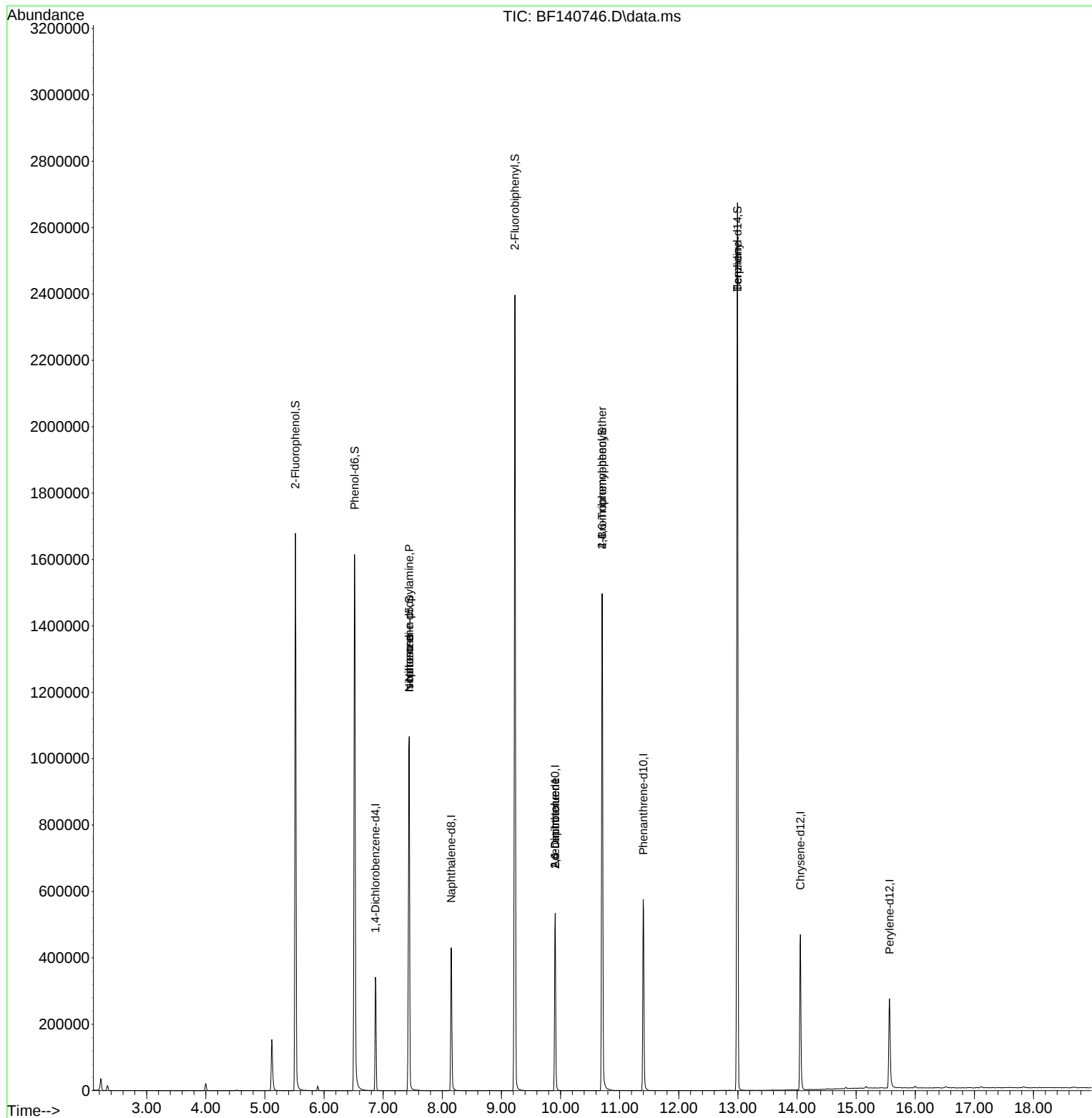
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73803	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	290921	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	172517	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	348191	20.000	ng	0.00
76) Chrysene-d12	14.057	240	252453	20.000	ng	0.00
86) Perylene-d12	15.563	264	191529	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	640197	148.003	ng	0.02
7) Phenol-d6	6.516	99	840995	147.066	ng	0.00
23) Nitrobenzene-d5	7.440	82	536314	94.296	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	280068	151.792	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1106874	95.595	ng	0.00
79) Terphenyl-d14	12.992	244	1412908	87.148	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	73596	21.776	ng	Qvalue # 75
25) Isophorone	7.440	82	531073	55.982	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21711	8.426	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	21711	6.340	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	17489	4.877	ng	# 1
77) Benzidine	12.992	184	18579	2.531	ng	# 93

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

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Quant Time: Dec 05 14:33:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
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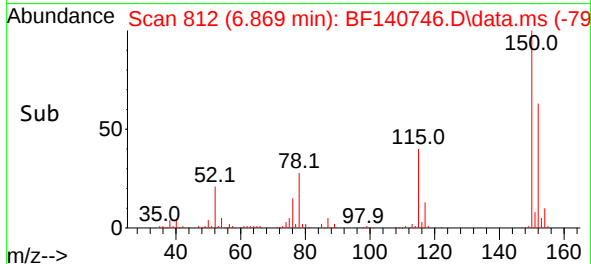
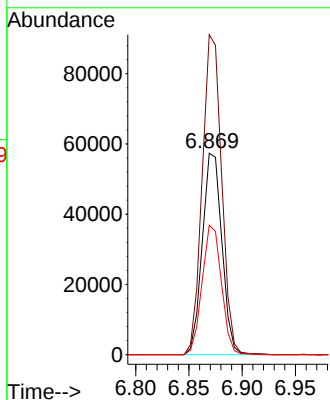
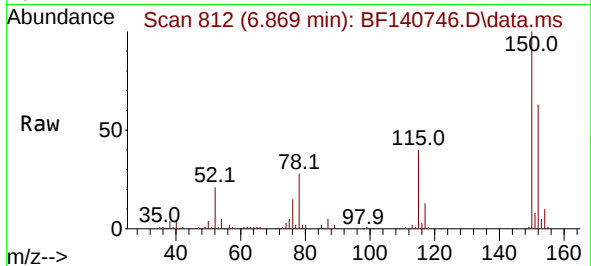




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

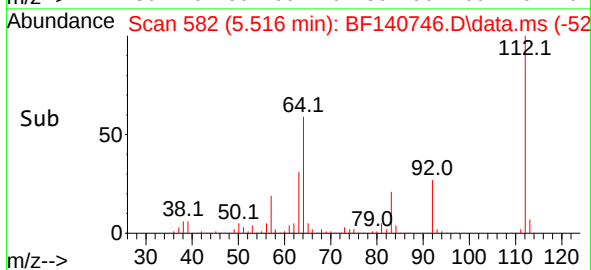
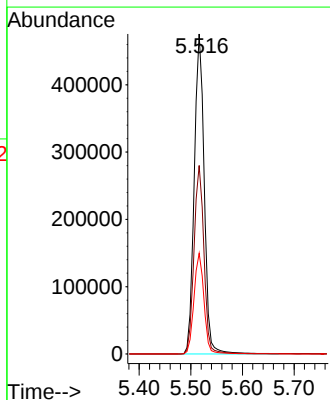
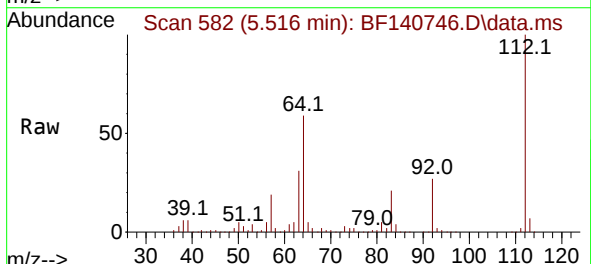
Instrument :
BNA_F
ClientSampleId :
PB165341TB

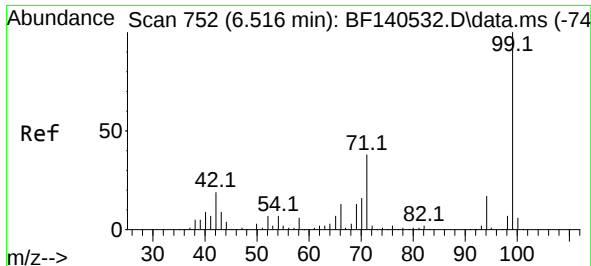
Tgt Ion:152 Resp: 73803
Ion Ratio Lower Upper
152 100
150 158.8 128.5 192.7
115 64.2 50.2 75.4



#5
2-Fluorophenol
Concen: 148.003 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

Tgt Ion:112 Resp: 640197
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.4 27.0 40.4

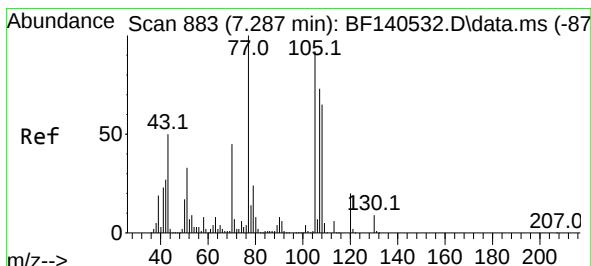
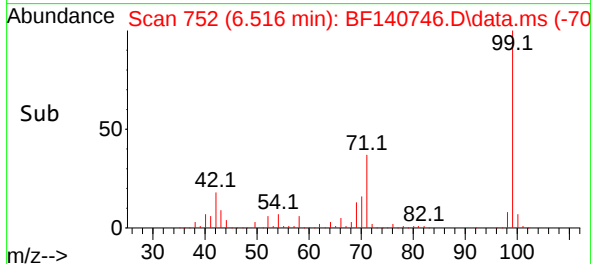
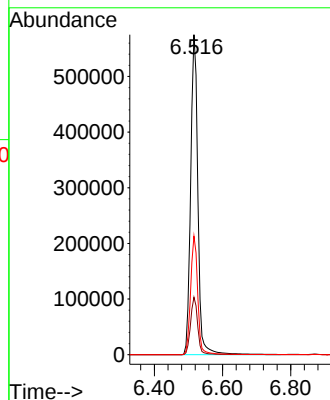
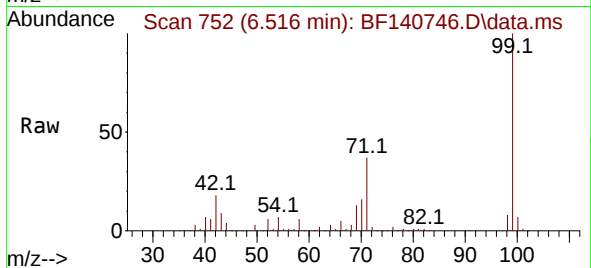




#7
Phenol-d6
Concen: 147.066 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

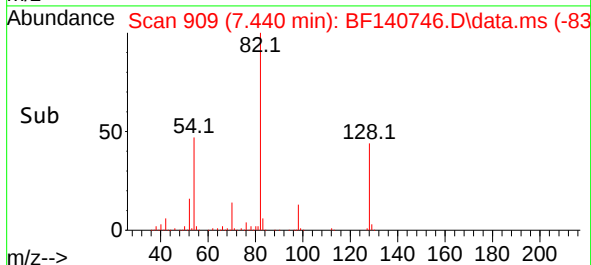
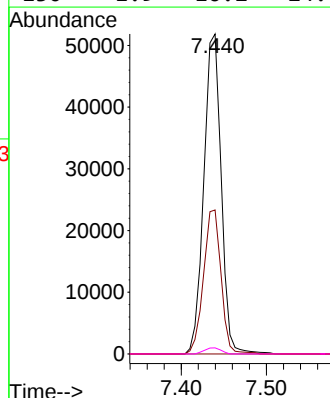
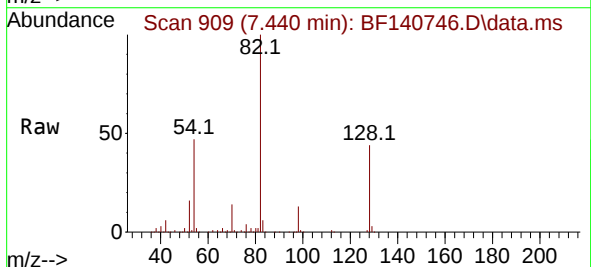
Instrument :
BNA_F
ClientSampleId :
PB165341TB

Tgt Ion: 99 Resp: 840995
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 37.0 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.776 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.153 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

Tgt Ion: 70 Resp: 73596
Ion Ratio Lower Upper
70 100
42 45.0 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

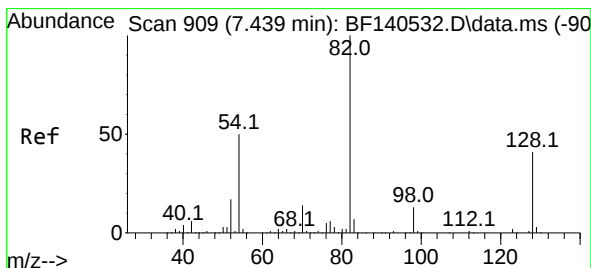
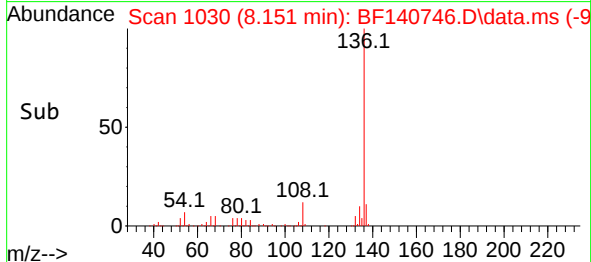
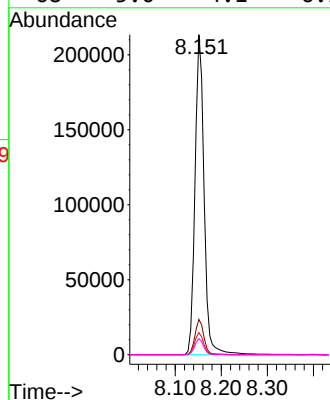
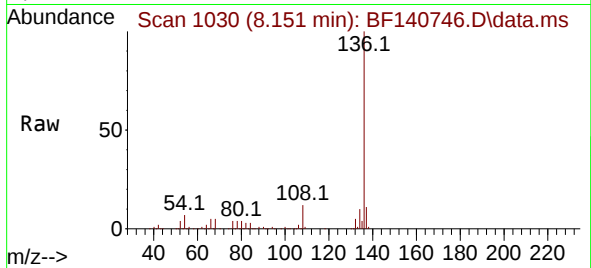




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

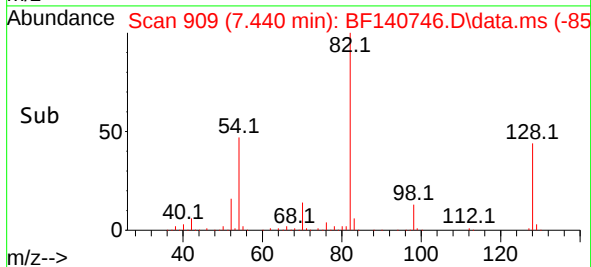
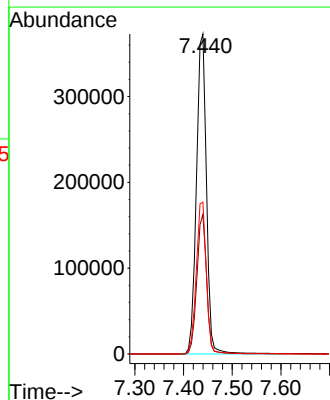
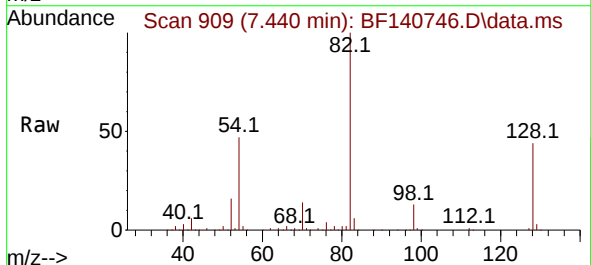
Instrument :
BNA_F
ClientSampleId :
PB165341TB

Tgt Ion:136 Resp: 290921
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.9 5.8 8.8
68 5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 94.296 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

Tgt Ion: 82 Resp: 536314
Ion Ratio Lower Upper
82 100
128 43.6 33.0 49.4
54 47.4 39.5 59.3

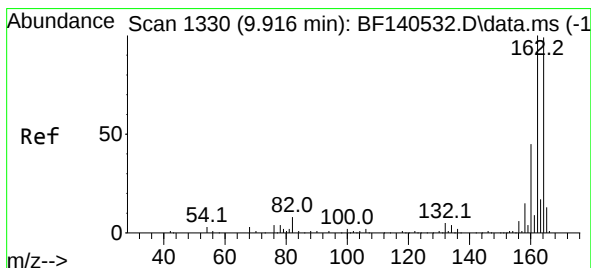
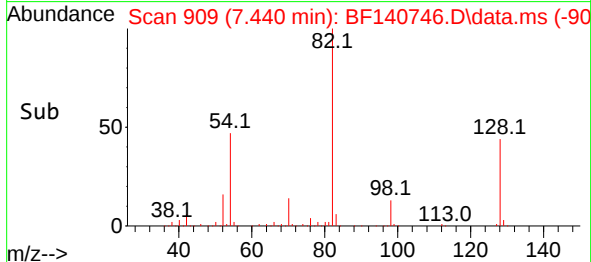
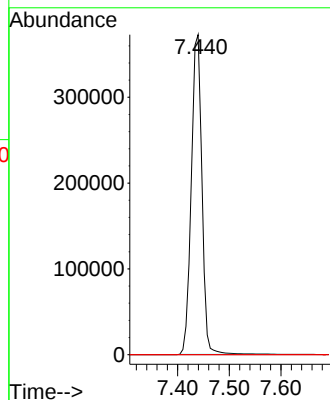
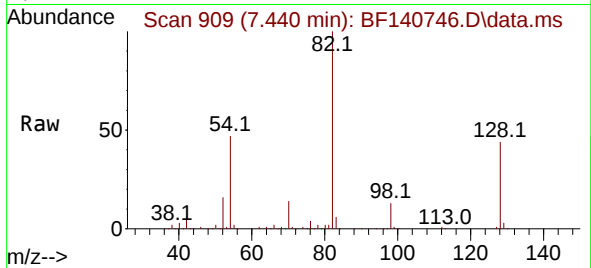




#25
Isophorone
Concen: 55.982 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

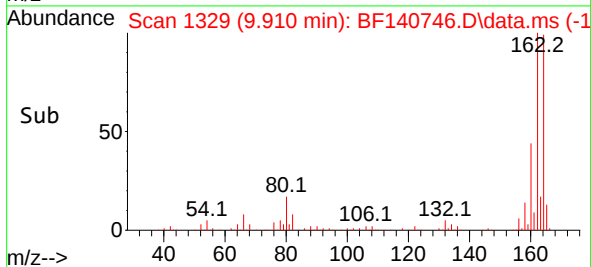
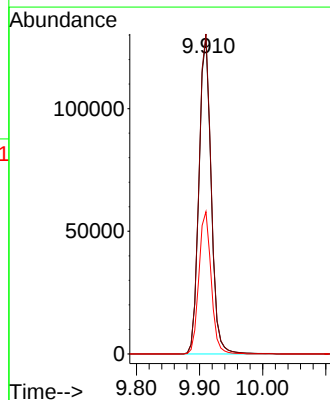
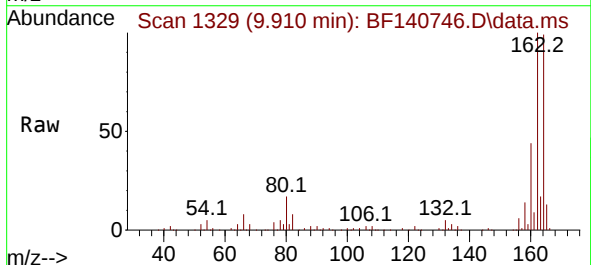
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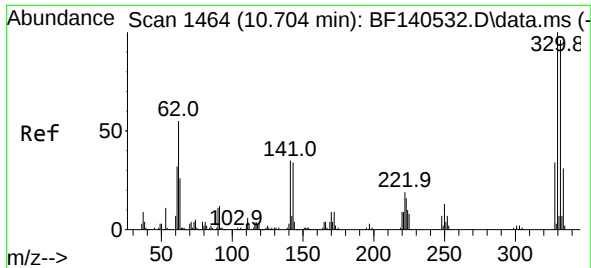
Tgt Ion: 82 Resp: 531073
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

Tgt Ion:164 Resp: 172517
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 45.0 36.2 54.4

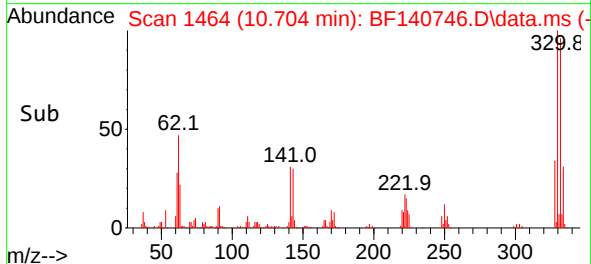
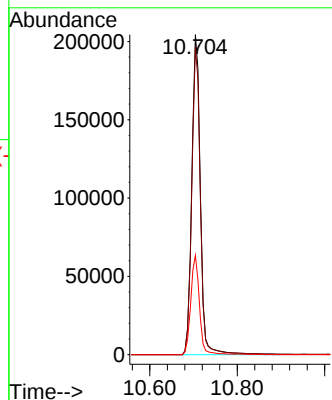
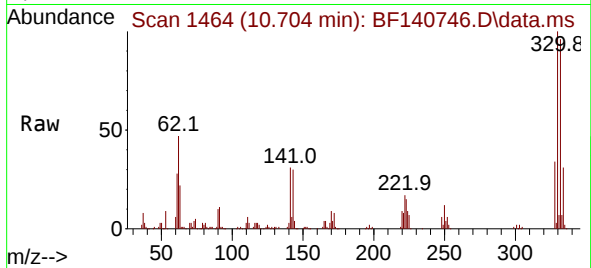




#42
2,4,6-Tribromophenol
Concen: 151.792 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

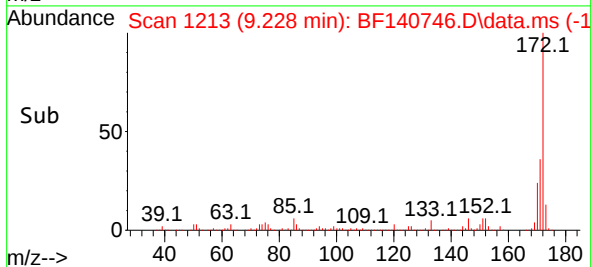
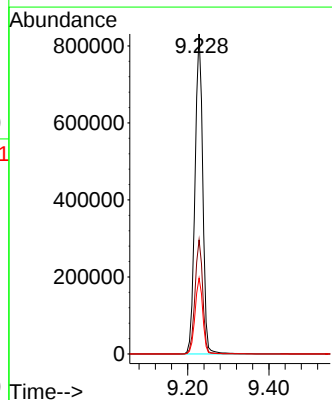
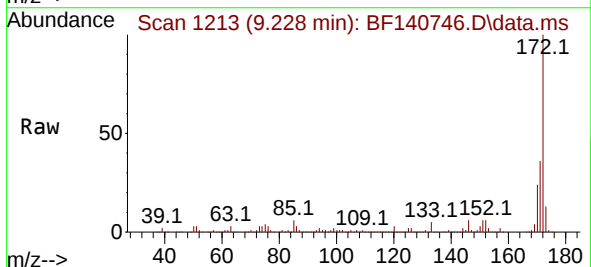
Instrument :
BNA_F
ClientSampleId :
PB165341TB

Tgt Ion:330 Resp: 280068
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 31.4 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 95.595 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

Tgt Ion:172 Resp: 1106874
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.7 19.0 28.6

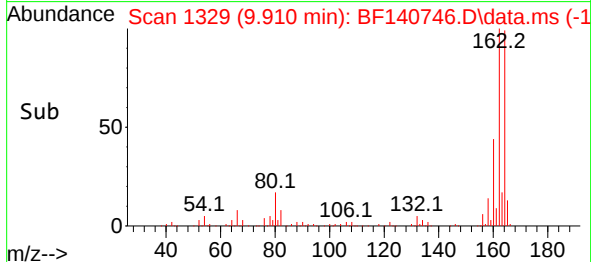
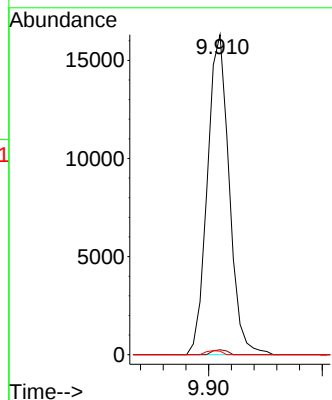
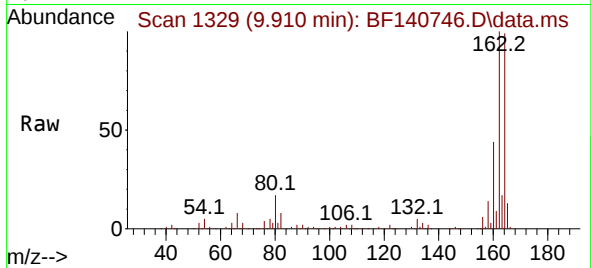




#51
2,6-Dinitrotoluene
Concen: 8.426 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

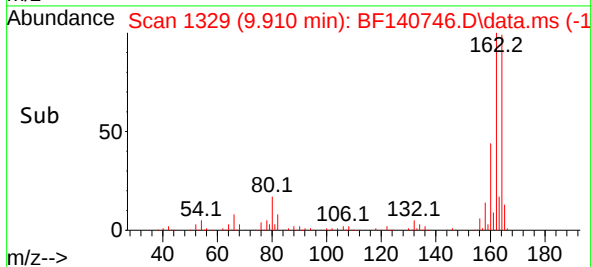
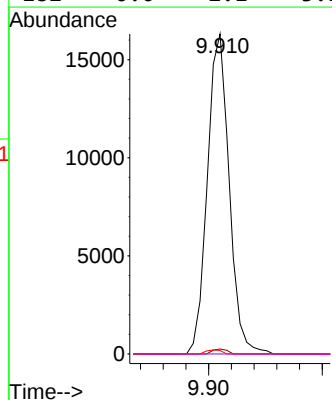
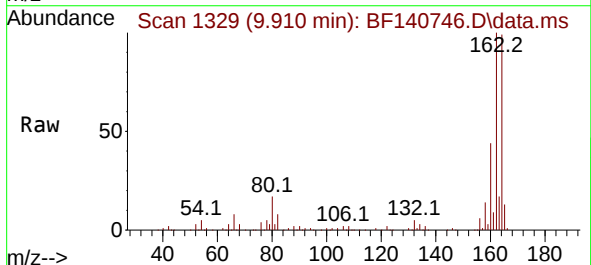
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ClientSampleId :
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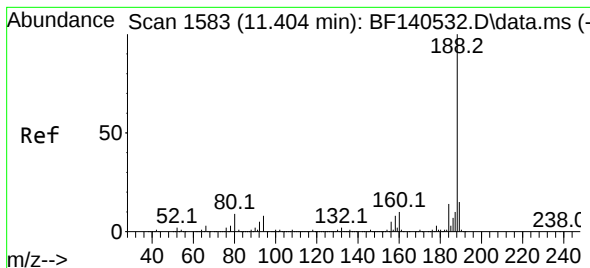
Tgt Ion:165 Resp: 21711
Ion Ratio Lower Upper
165 100
63 1.5 49.9 74.9#
89 1.1 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.340 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

Tgt Ion:165 Resp: 21711
Ion Ratio Lower Upper
165 100
63 1.5 41.7 62.5#
89 1.1 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB165341TB

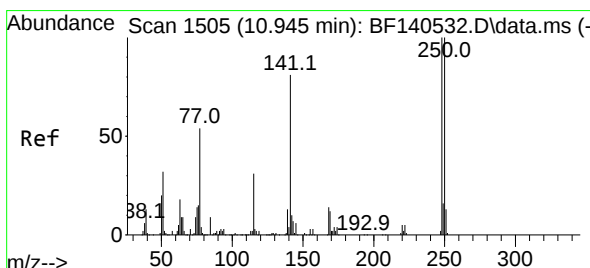
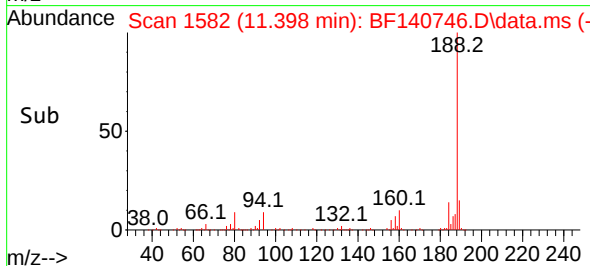
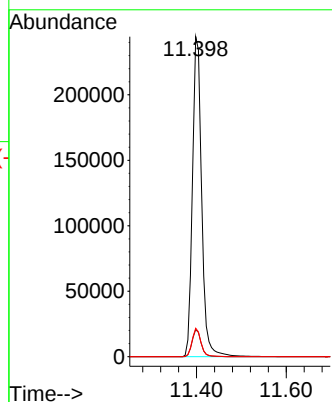
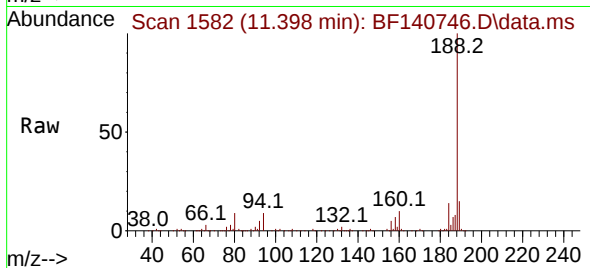
Tgt Ion:188 Resp: 348191

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 8.9 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.877 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

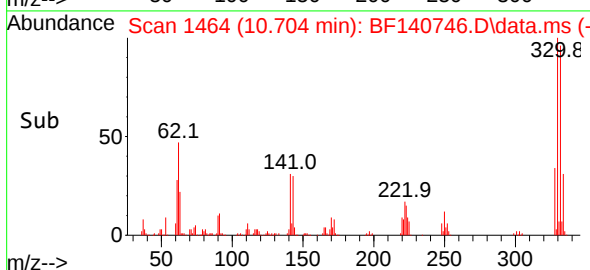
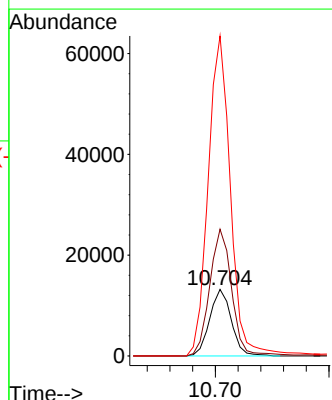
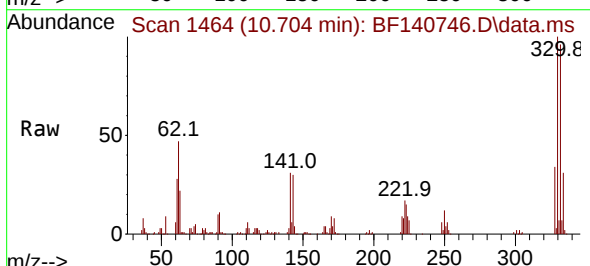
Tgt Ion:248 Resp: 17489

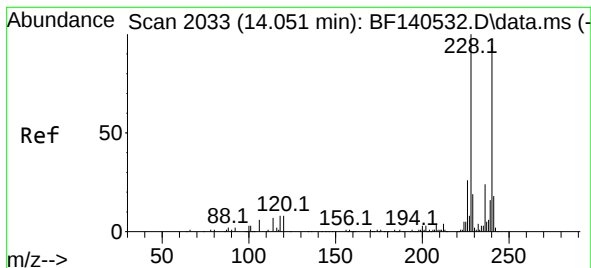
Ion Ratio Lower Upper

248 100

250 190.6 79.8 119.8#

141 481.2 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB165341TB

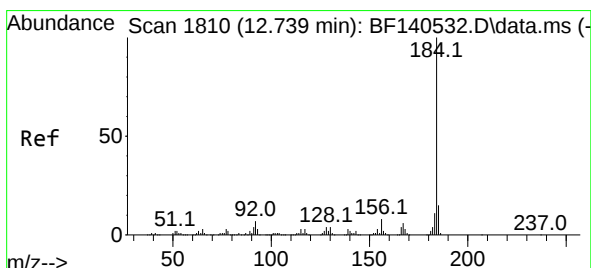
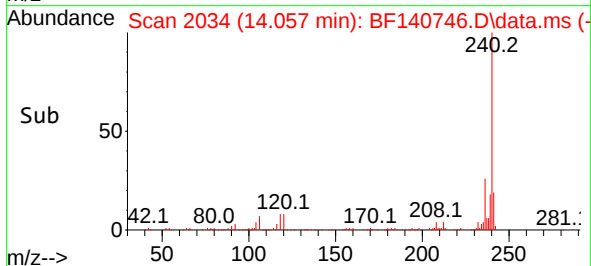
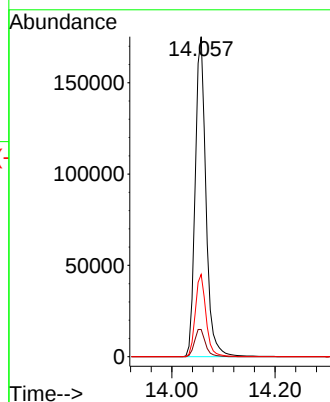
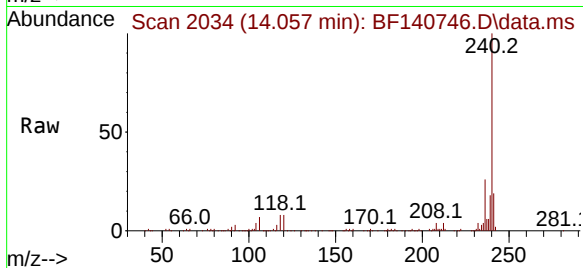
Tgt Ion:240 Resp: 252453

Ion Ratio Lower Upper

240 100

120 8.5 7.3 10.9

236 25.7 20.6 31.0



#77

Benzidine

Concen: 2.531 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.253 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

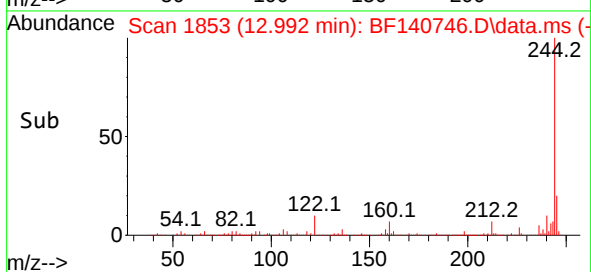
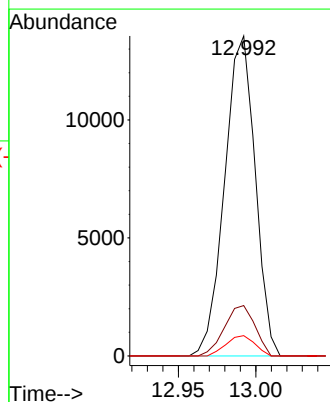
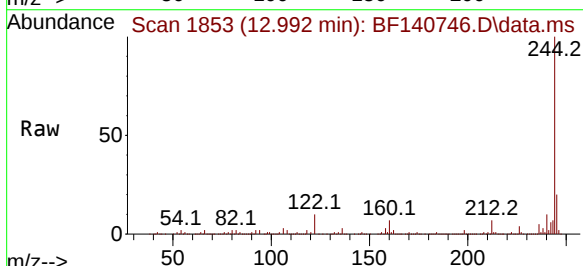
Tgt Ion:184 Resp: 18579

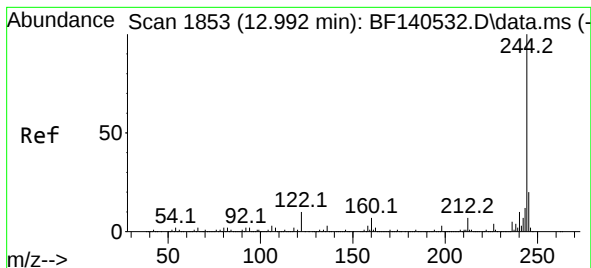
Ion Ratio Lower Upper

184 100

185 15.7 11.7 17.5

183 6.4 8.8 13.2#





#79

Terphenyl-d14

Concen: 87.148 ng

RT: 12.992 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB165341TB

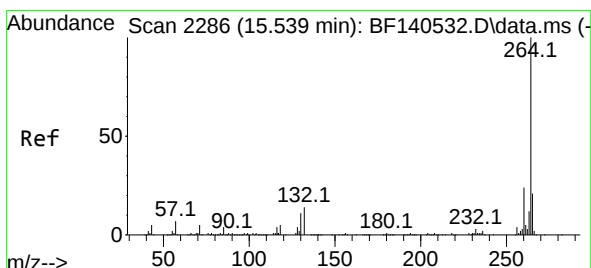
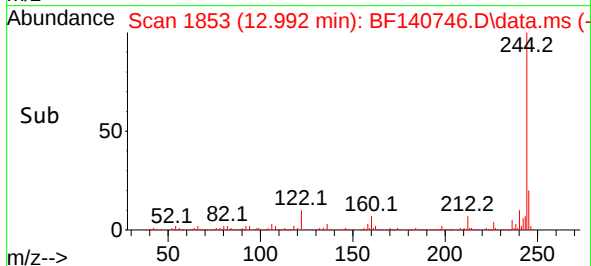
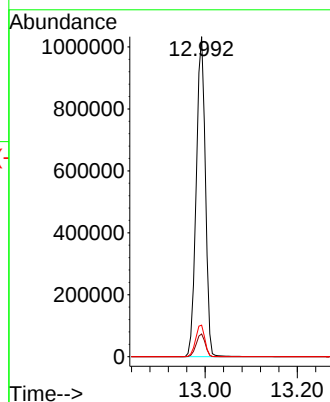
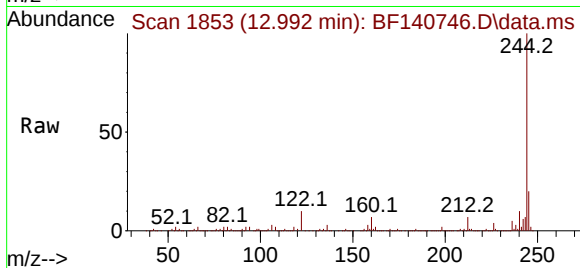
Tgt Ion:244 Resp: 1412908

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.8 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2290

Delta R.T. 0.024 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

Tgt Ion:264 Resp: 191529

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.5 16.6 25.0

