

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126478.D
 Acq On : 4 Jan 2022 20:37
 Operator : JU/CG
 Sample : M5342-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-(10-15)

Quant Time: Jan 05 02:01:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

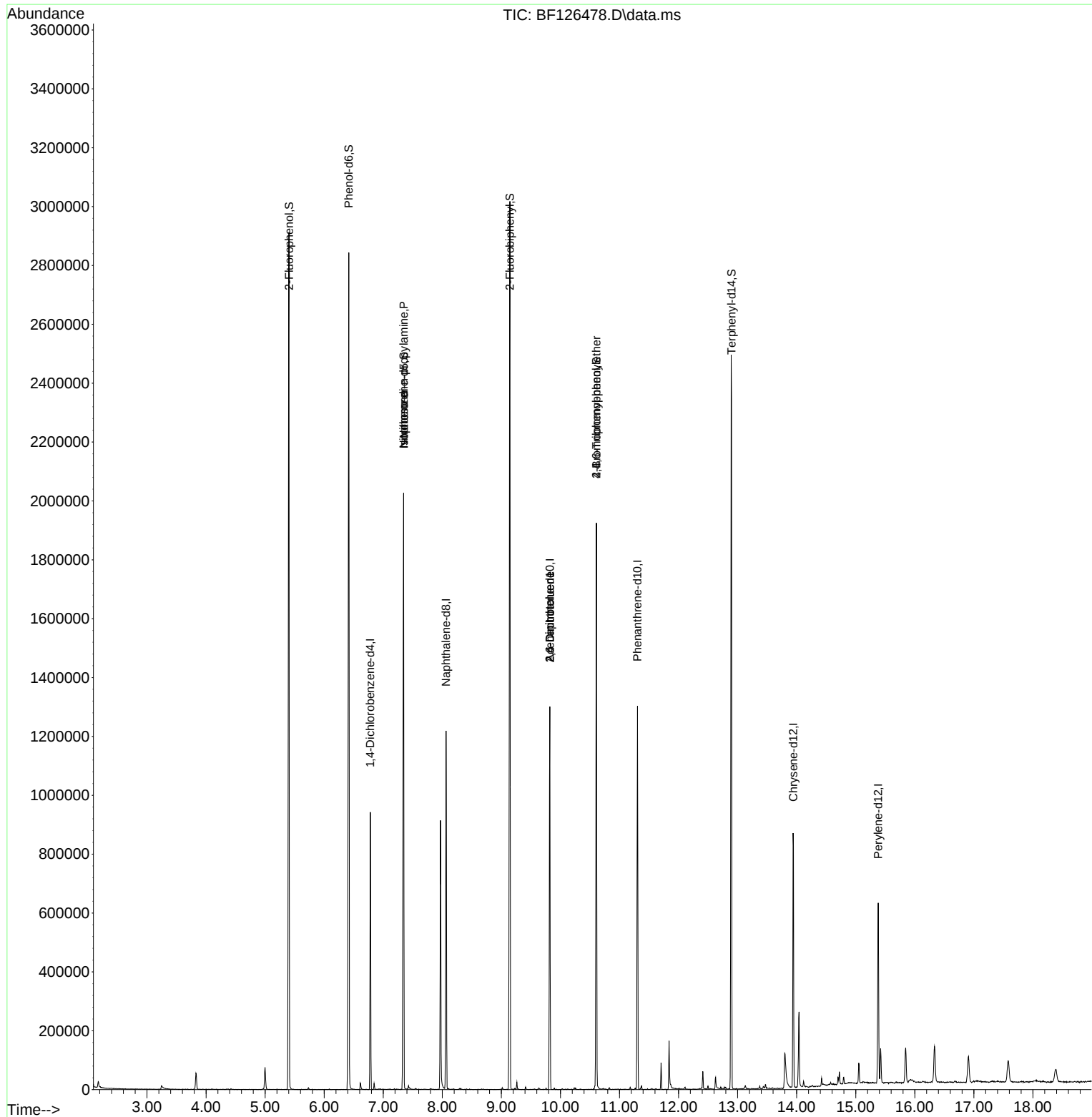
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	131234	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	552127	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	262066	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	424614	20.000	ng	0.00
76) Chrysene-d12	13.945	240	293594	20.000	ng	# 0.00
86) Perylene-d12	15.380	264	239292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	873564	95.592	ng	0.01
7) Phenol-d6	6.416	99	1109749	93.759	ng	0.00
23) Nitrobenzene-d5	7.345	82	707756	65.819	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	220595	108.930	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	983742	66.057	ng	0.00
79) Terphenyl-d14	12.898	244	898082	59.433	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	88960	13.171	ng	# 79
25) Isophorone	7.345	82	707503	36.754	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	33361	9.442	ng	# 21
57) 2,4-Dinitrotoluene	9.822	165	33361	7.319	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	12143	3.222	ng	# 1
77) Benzidine	12.898	184	11290	Below Cal		97

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

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SB-11-(10-15)

Quant Time: Jan 05 02:01:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

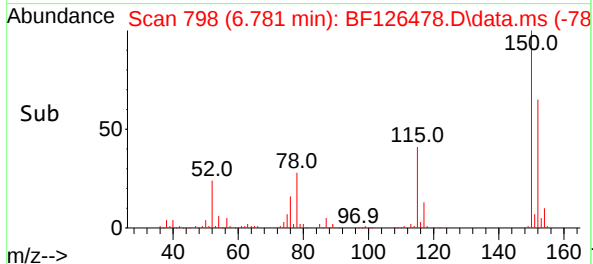
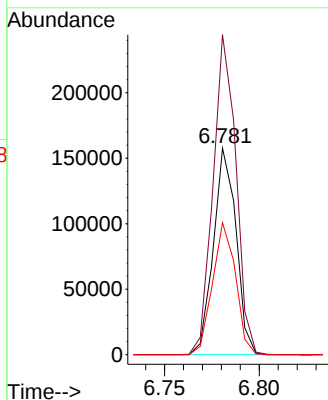
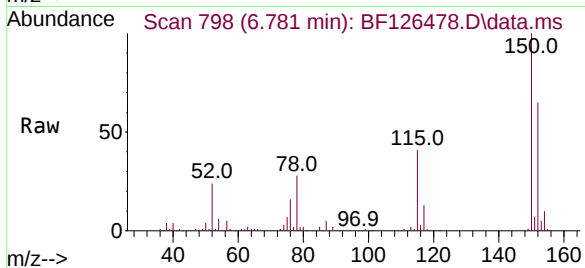




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

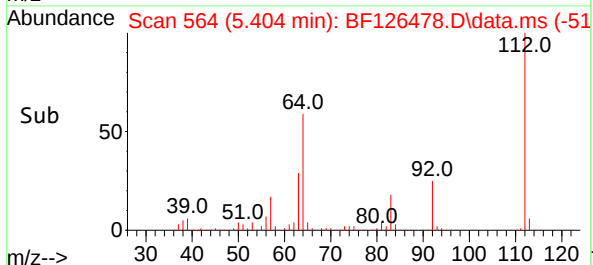
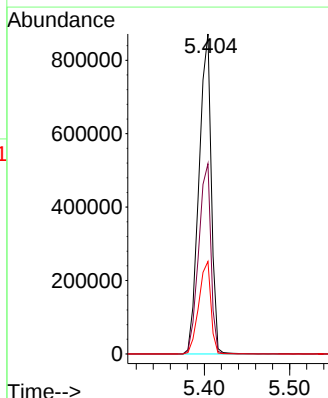
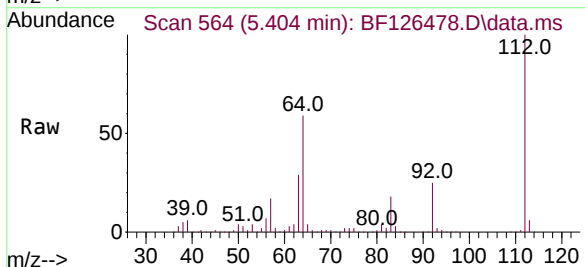
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

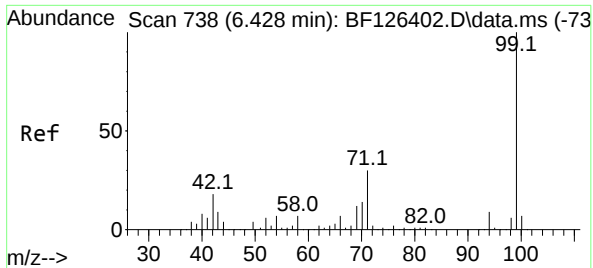
Tgt Ion:152 Resp: 131234
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 63.9 56.7 85.1



#5
2-Fluorophenol
Concen: 95.592 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

Tgt Ion:112 Resp: 873564
Ion Ratio Lower Upper
112 100
64 59.4 49.5 74.3
63 28.9 23.9 35.9

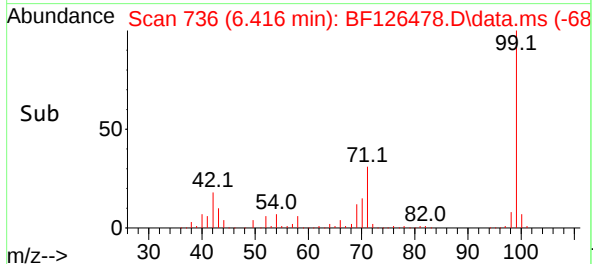
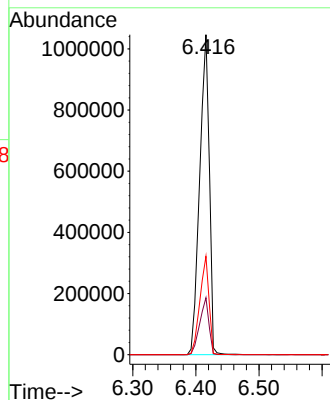
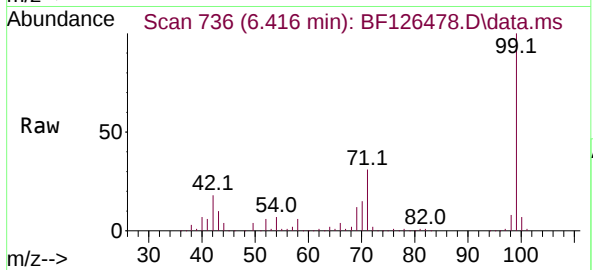




#7
Phenol-d6
Concen: 93.759 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

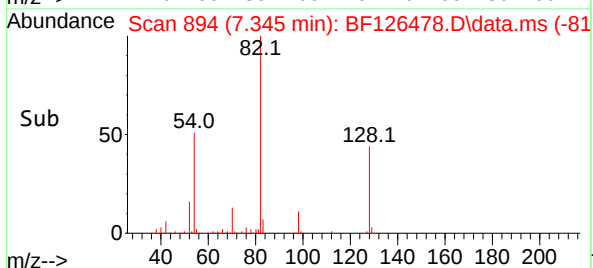
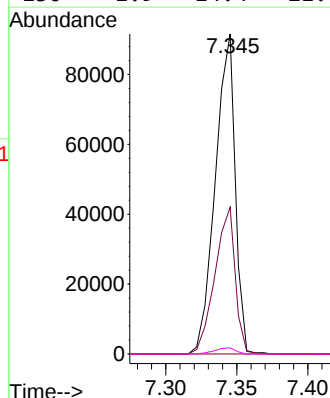
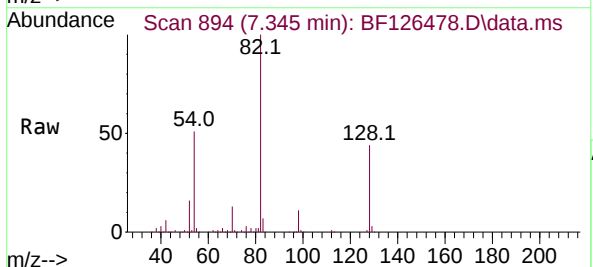
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

Tgt Ion: 99 Resp: 1109749
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 30.8 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.171 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

Tgt Ion: 70 Resp: 88960
Ion Ratio Lower Upper
70 100
42 45.9 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

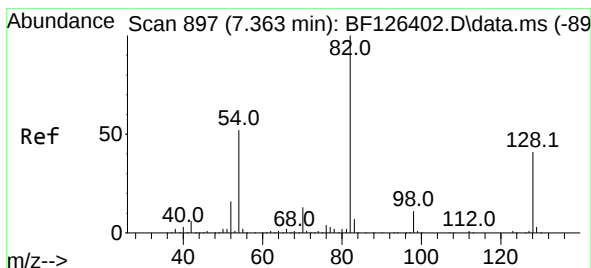
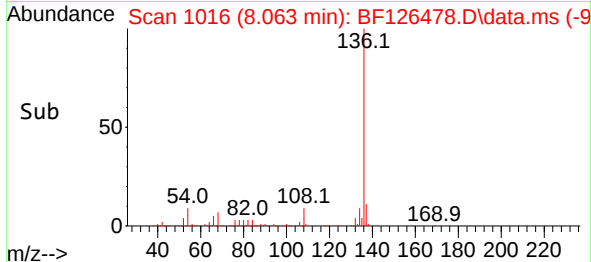
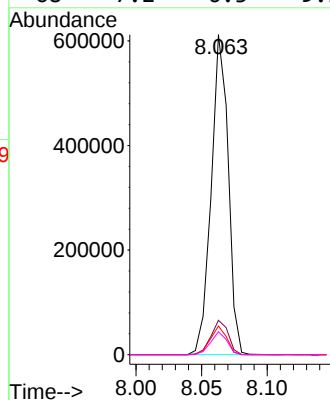
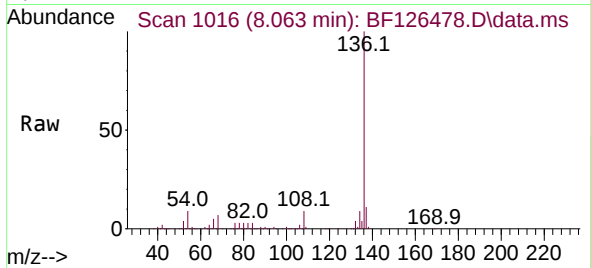




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

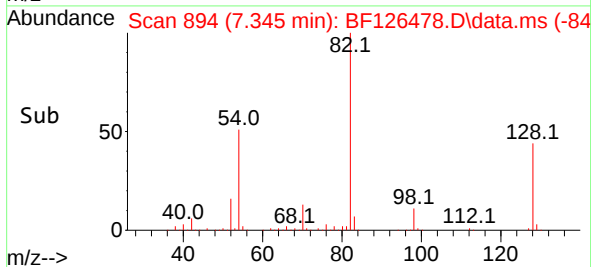
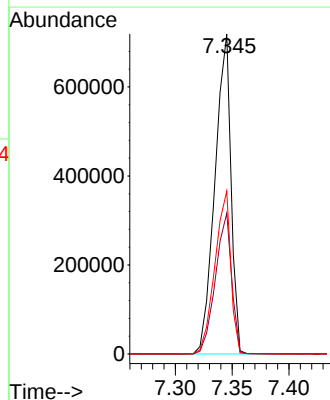
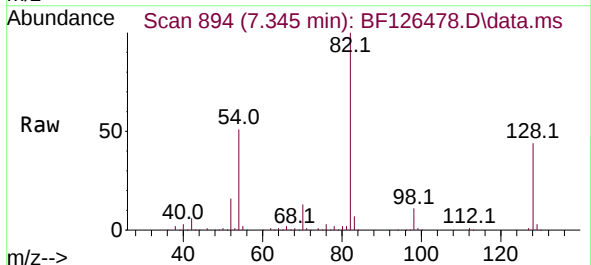
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

Tgt Ion:	136	Resp:	552127
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.0	7.8	11.6
68	7.2	6.3	9.5



#23
Nitrobenzene-d5
Concen: 65.819 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

Tgt Ion:	82	Resp:	707756
Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.7	49.1
54	50.9	41.7	62.5

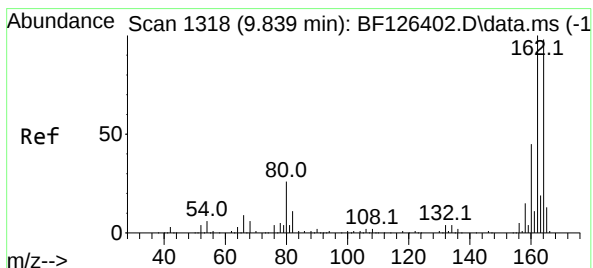
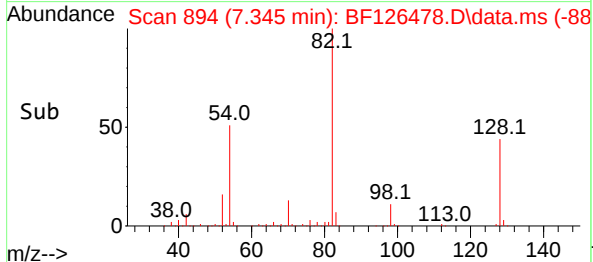
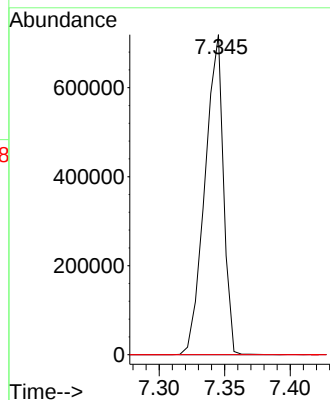
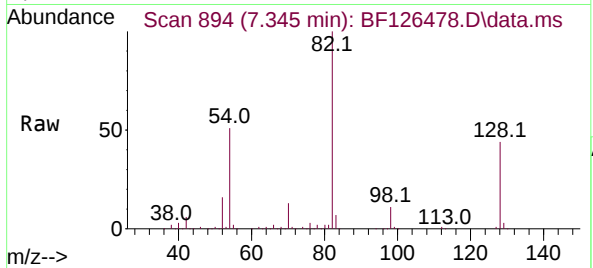




#25
Isophorone
Concen: 36.754 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

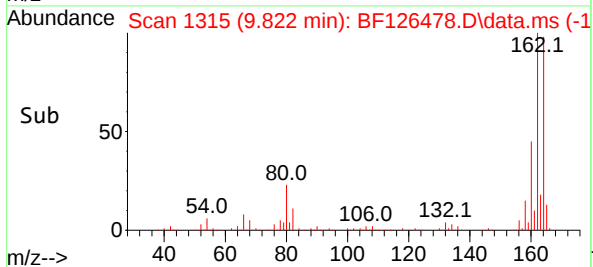
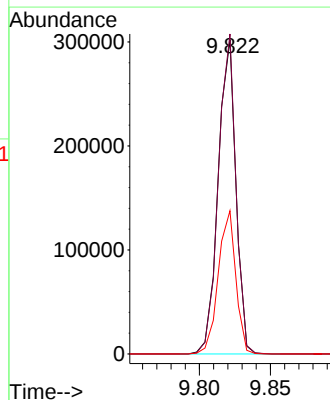
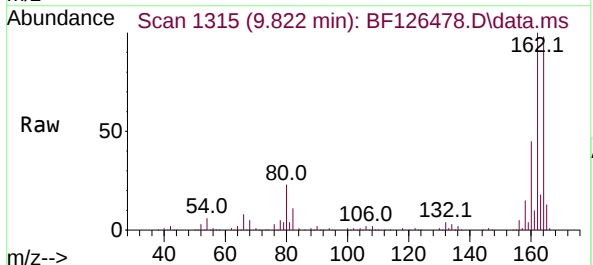
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

Tgt Ion: 82 Resp: 707503
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

Tgt Ion:164 Resp: 262066
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 108.930 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF126478.D

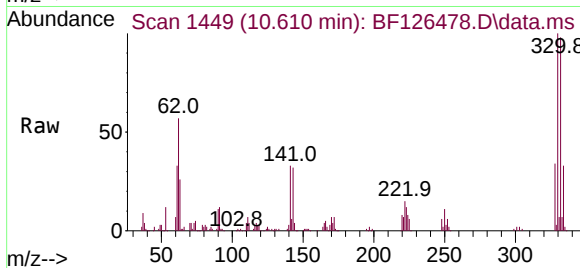
Acq: 4 Jan 2022 20:37

Instrument :

BNA_F

ClientSampleId :

SB-11-(10-15)



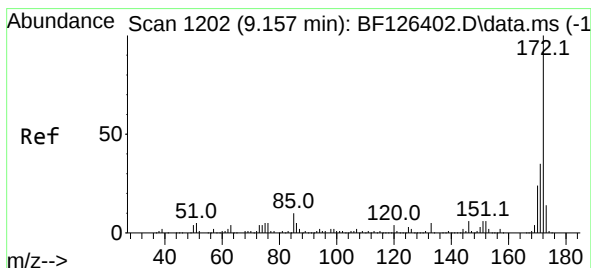
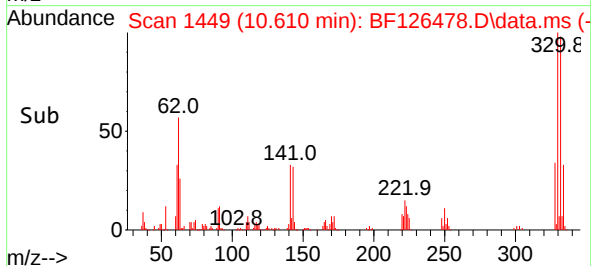
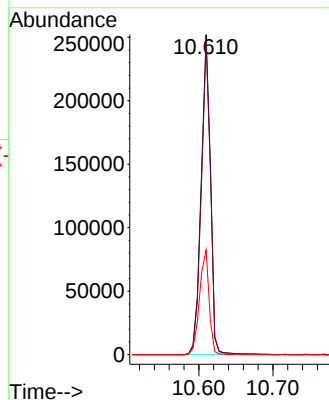
Tgt Ion:330 Resp: 220595

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 33.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 66.057 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126478.D

Acq: 4 Jan 2022 20:37

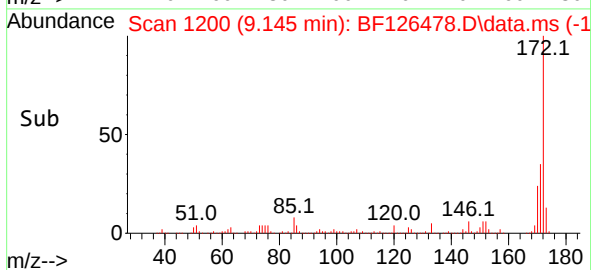
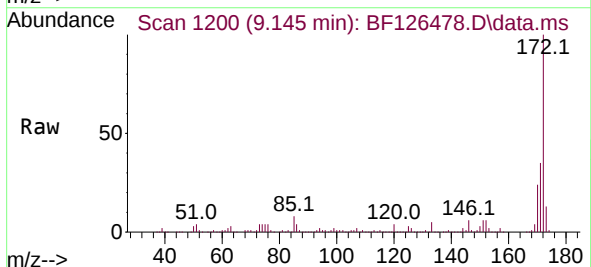
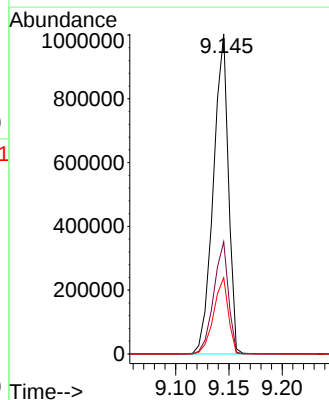
Tgt Ion:172 Resp: 983742

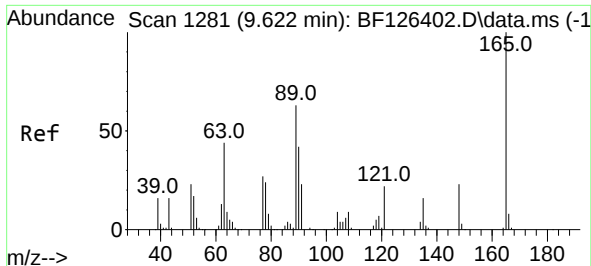
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.442 ng

RT: 9.822 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF126478.D

Acq: 4 Jan 2022 20:37

Instrument :

BNA_F

ClientSampleId :

SB-11-(10-15)

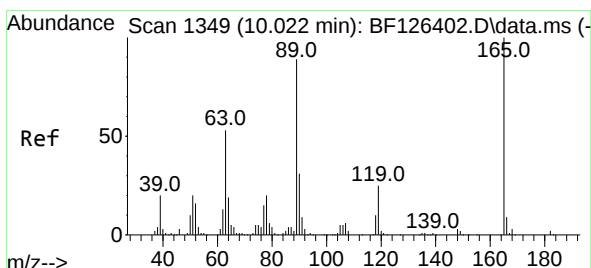
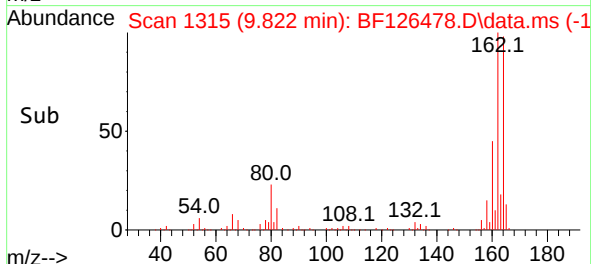
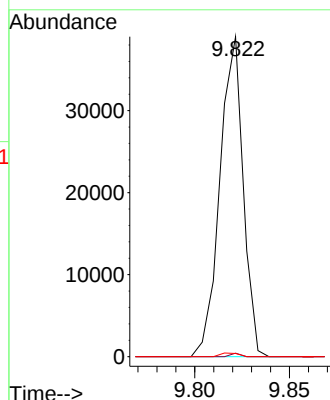
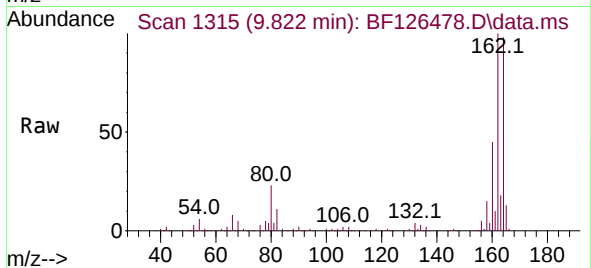
Tgt Ion:165 Resp: 33361

Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.0 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.319 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.194 min

Lab File: BF126478.D

Acq: 4 Jan 2022 20:37

Tgt Ion:165 Resp: 33361

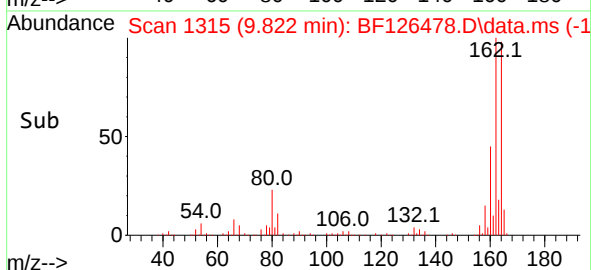
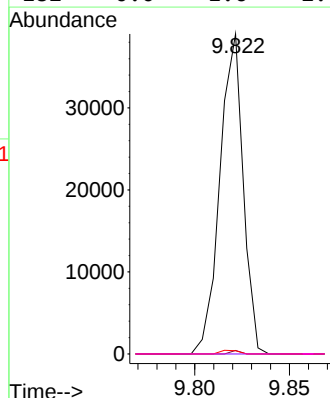
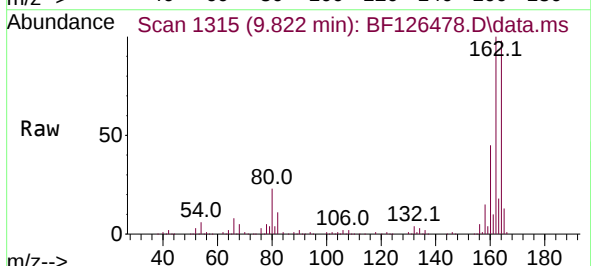
Ion Ratio Lower Upper

165 100

63 1.1 43.0 64.6#

89 1.0 71.0 106.4#

182 0.0 1.6 2.4#

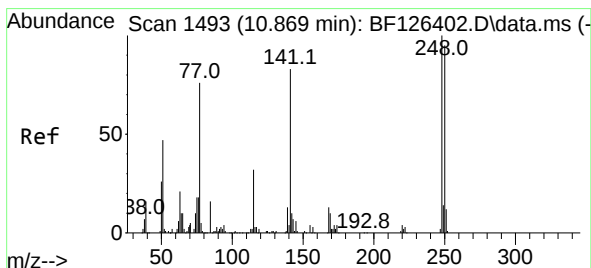
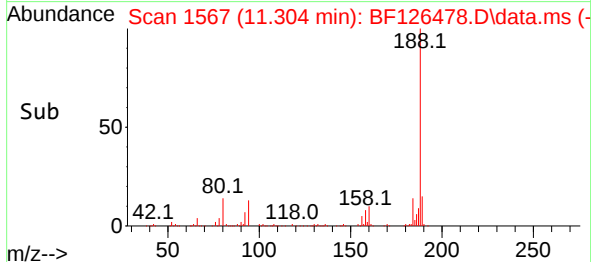
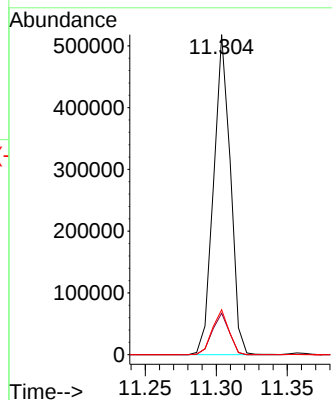
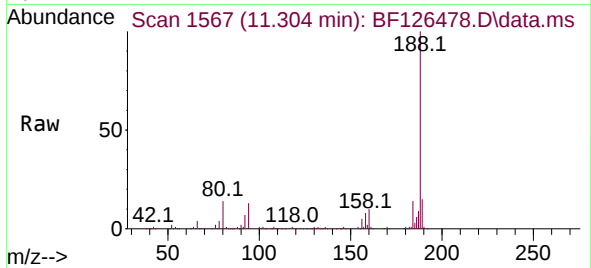




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

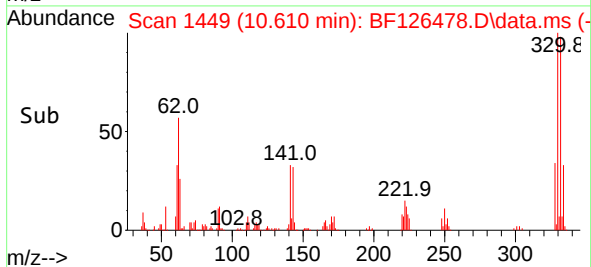
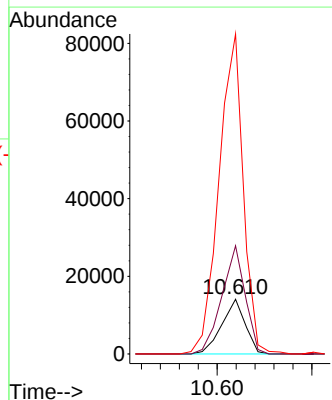
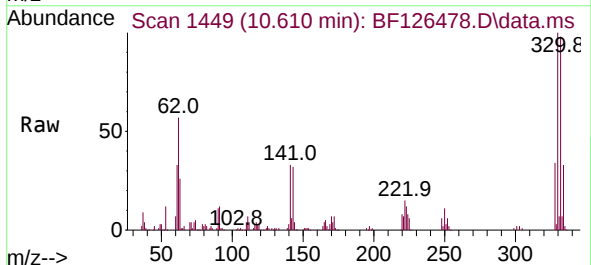
Instrument :
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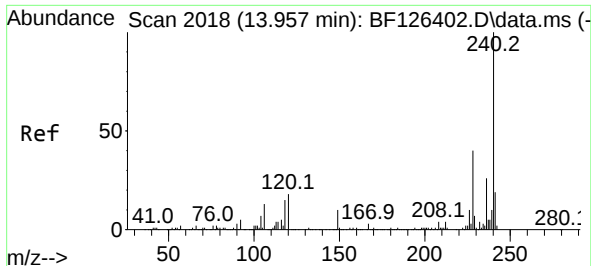
Tgt Ion:188 Resp: 424614
Ion Ratio Lower Upper
188 100
94 13.0 10.1 15.1
80 14.1 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.222 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

Tgt Ion:248 Resp: 12143
Ion Ratio Lower Upper
248 100
250 197.5 76.2 114.4#
141 584.6 66.2 99.4#

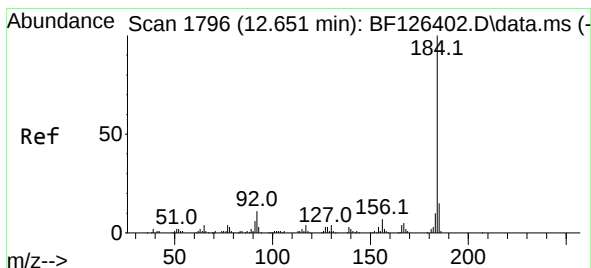
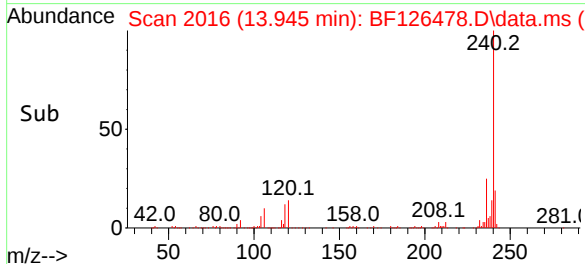
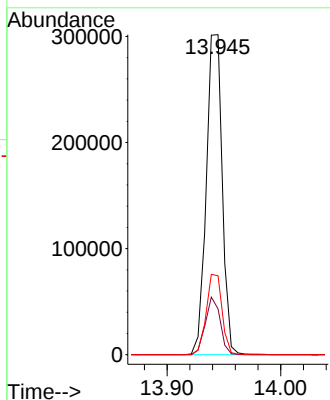
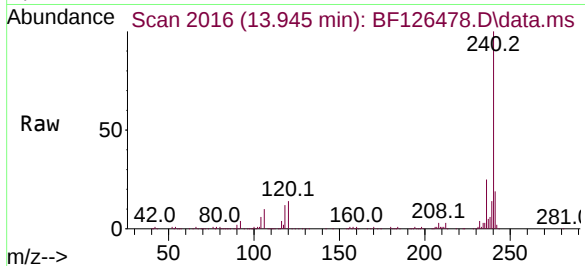




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

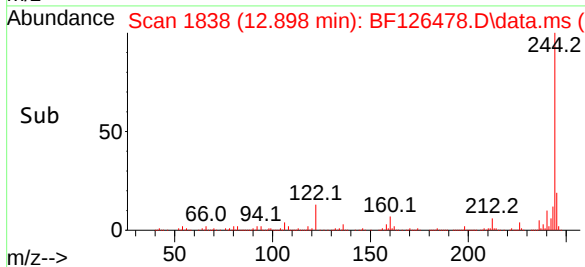
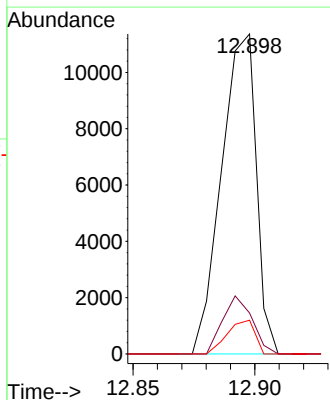
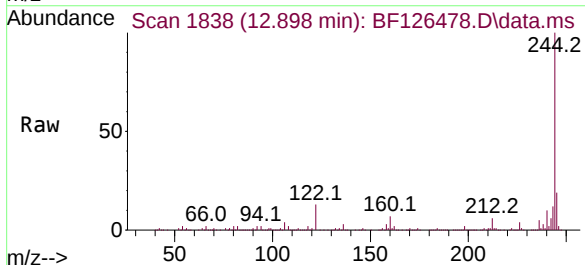
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)

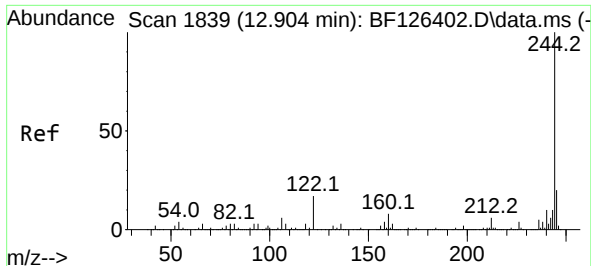
Tgt Ion:240 Resp: 293594
Ion Ratio Lower Upper
240 100
120 14.3 14.4 21.6#
236 24.7 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.898 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF126478.D
Acq: 4 Jan 2022 20:37

Tgt Ion:184 Resp: 11290
Ion Ratio Lower Upper
184 100
185 12.8 11.8 17.8
183 10.6 8.2 12.2

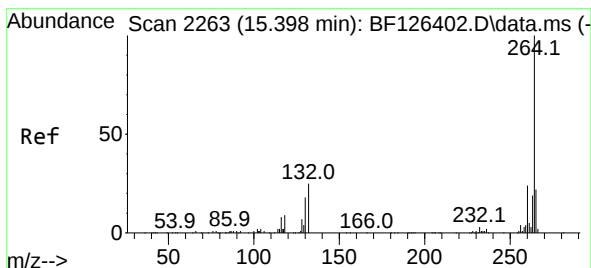
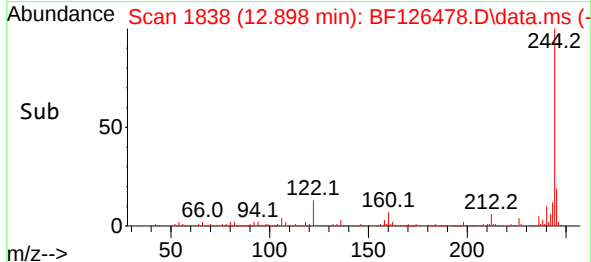
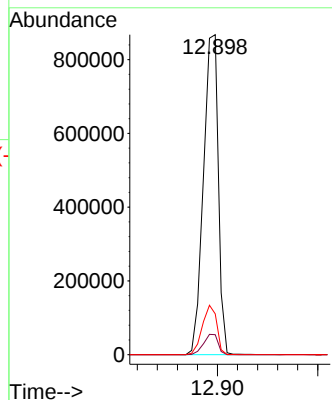
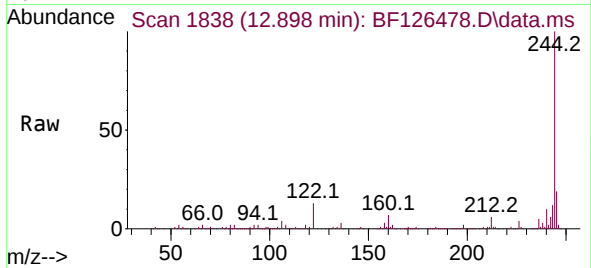




#79
 Terphenyl-d14
 Concen: 59.433 ng
 RT: 12.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126478.D
 Acq: 4 Jan 2022 20:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-(10-15)

Tgt Ion:244 Resp: 898082
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 12.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126478.D
 Acq: 4 Jan 2022 20:37

Tgt Ion:264 Resp: 239292
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.1 17.4 26.2

