

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127041.D
 Acq On : 23 Feb 2022 16:03
 Operator : CG\JU
 Sample : N1636-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-022222

Quant Time: Feb 24 02:16:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

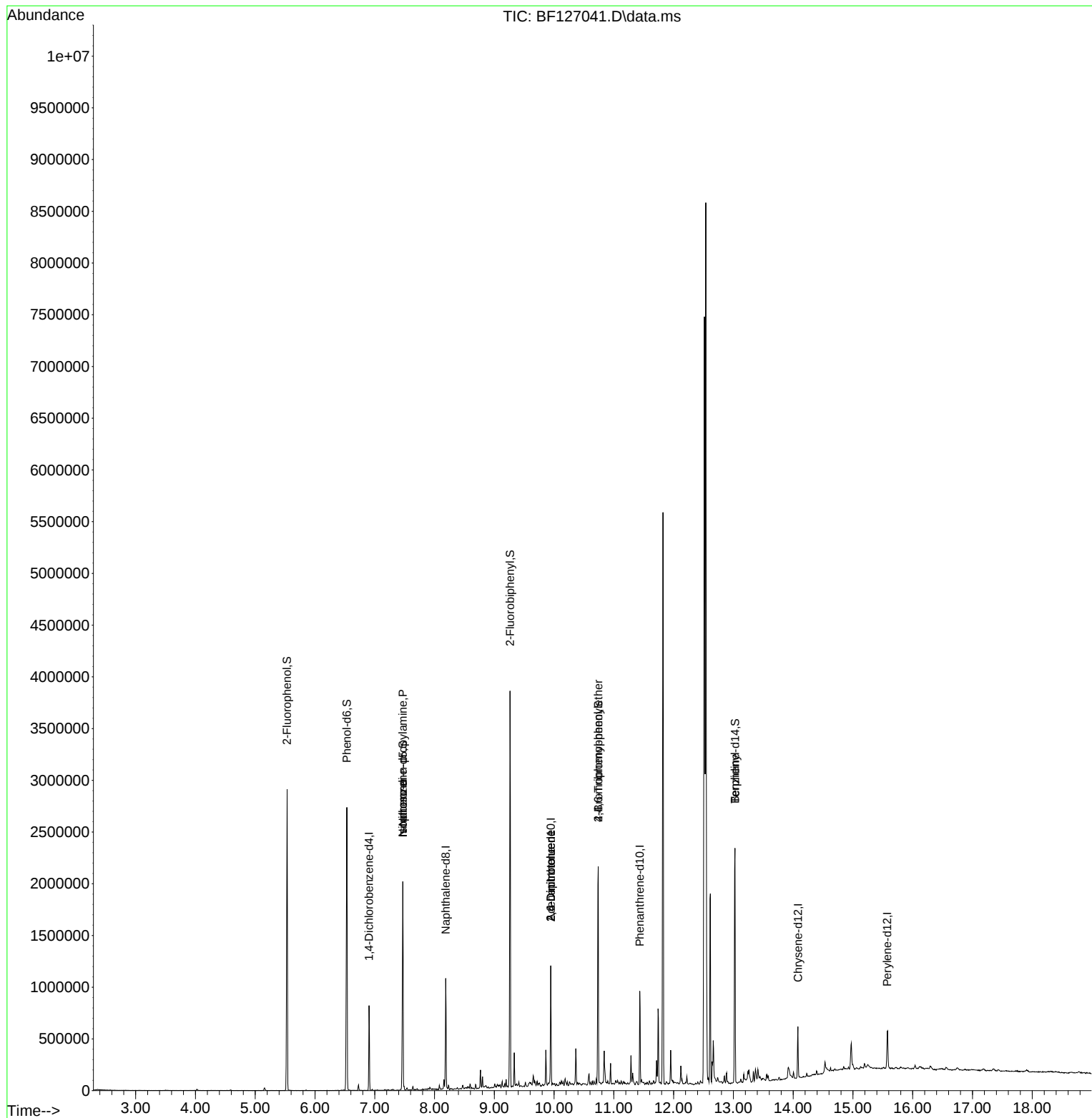
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	102437	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	414399	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	198589	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	296315	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	145709	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	154795	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	696940	105.155	ng	0.00
7) Phenol-d6	6.534	99	925351	103.470	ng	0.00
23) Nitrobenzene-d5	7.469	82	660557	71.949	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	238596	104.351	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1071129	79.404	ng	0.00
79) Terphenyl-d14	13.027	244	733260	73.978	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	94498	16.398	ng	# 81
25) Isophorone	7.469	82	659425	43.406	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	26762	9.267	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	26762	6.854	ng	# 15
67) 4-Bromophenyl-phenylether	10.739	248	14736	4.451	ng	# 1
77) Benzidine	13.027	184	11797	2.979	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127041.D
Acq On : 23 Feb 2022 16:03
Operator : CG\JU
Sample : N1636-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-022222

Quant Time: Feb 24 02:16:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

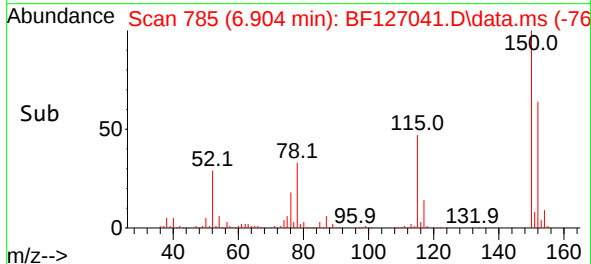
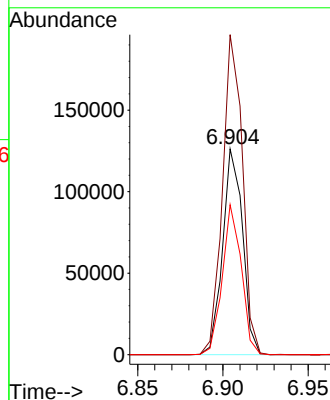
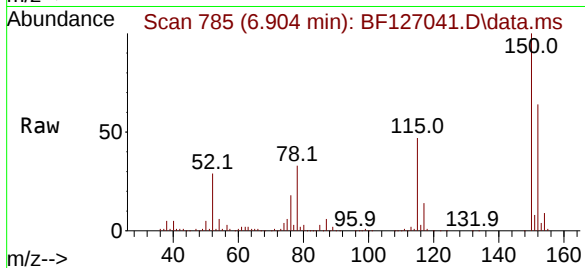




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

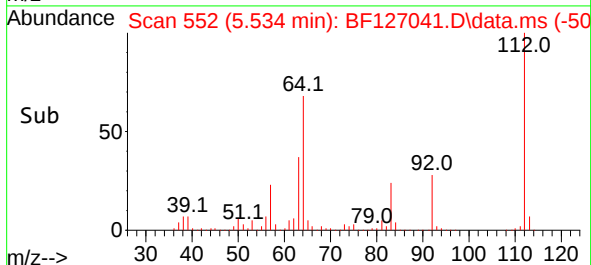
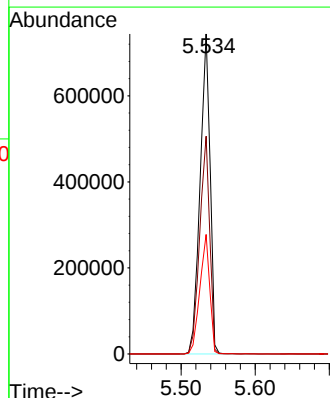
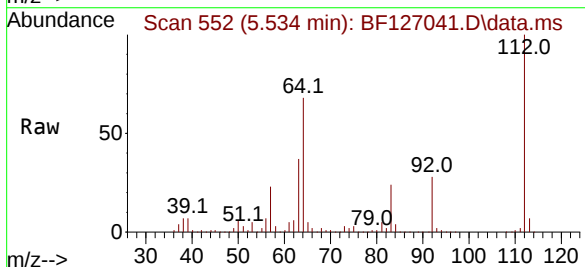
Instrument :
BNA_F
ClientSampleId :
HR-02-022222

Tgt Ion:152 Resp: 102437
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 72.8 56.7 85.1



#5
2-Fluorophenol
Concen: 105.155 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

Tgt Ion:112 Resp: 696940
Ion Ratio Lower Upper
112 100
64 68.1 49.5 74.3
63 37.4 23.9 35.9#

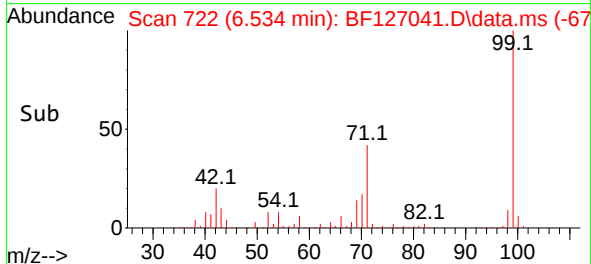
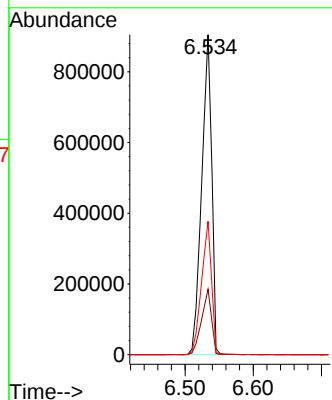
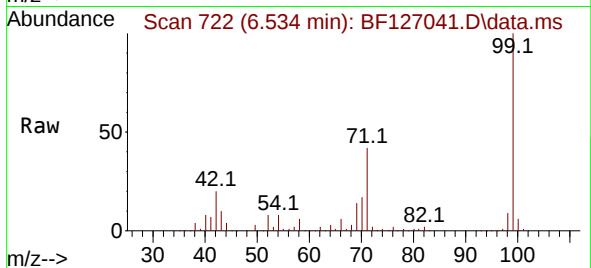




#7
Phenol-d6
Concen: 103.470 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

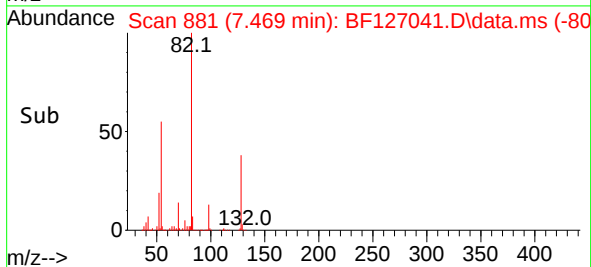
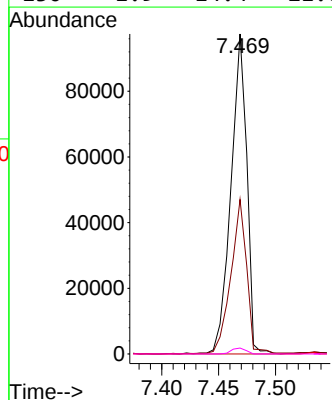
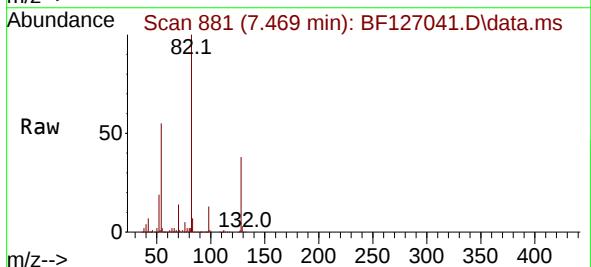
Instrument :
BNA_F
ClientSampleId :
HR-02-022222

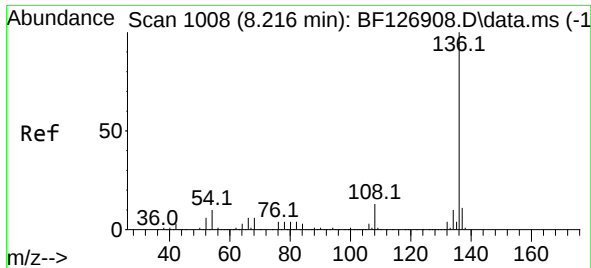
Tgt Ion: 99 Resp: 925351
Ion Ratio Lower Upper
99 100
42 20.4 14.2 21.4
71 41.7 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.398 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.147 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

Tgt Ion: 70 Resp: 94498
Ion Ratio Lower Upper
70 100
42 48.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

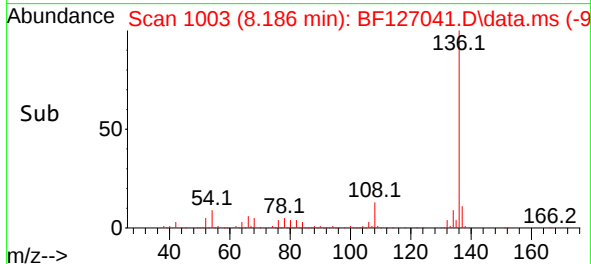
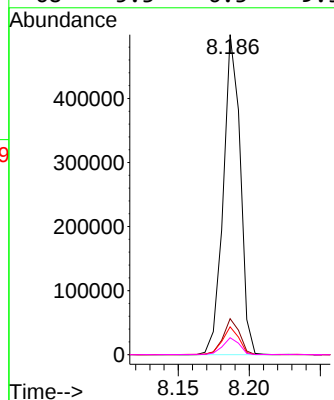
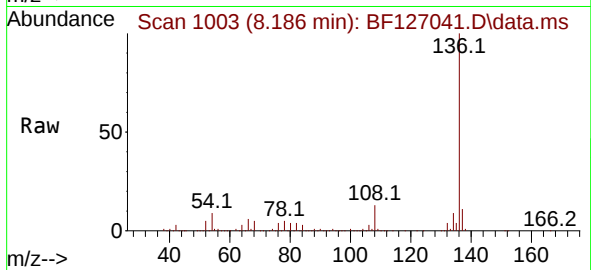




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

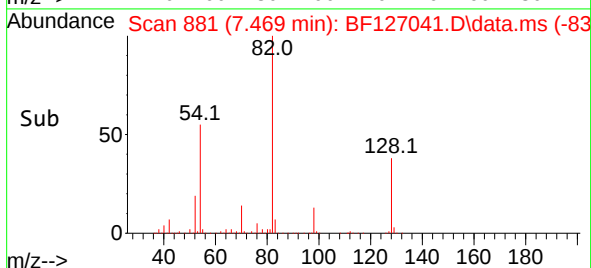
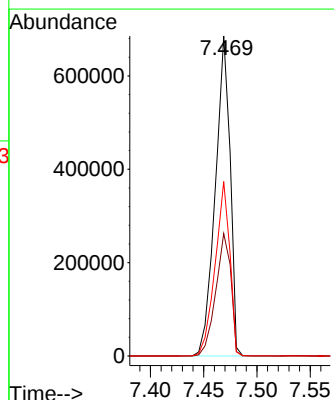
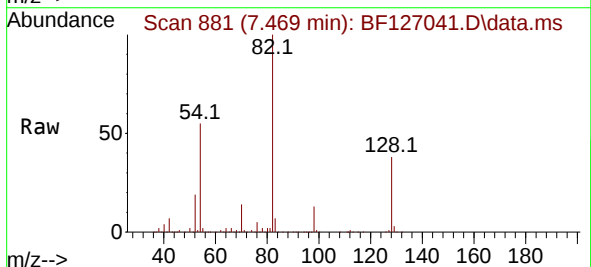
Instrument :
BNA_F
ClientSampleId :
HR-02-022222

Tgt Ion:136 Resp: 414399
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.7 7.8 11.6
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 71.949 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

Tgt Ion: 82 Resp: 660557
Ion Ratio Lower Upper
82 100
128 38.2 32.7 49.1
54 54.5 41.7 62.5

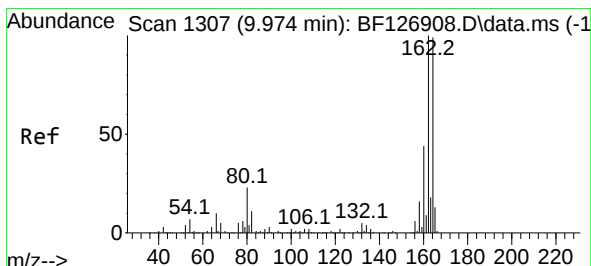
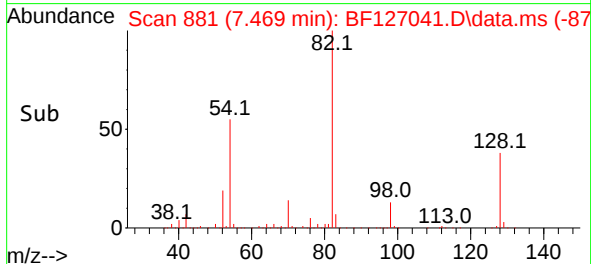
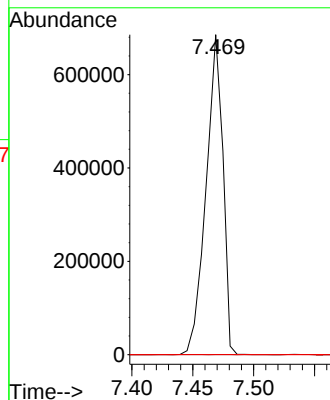
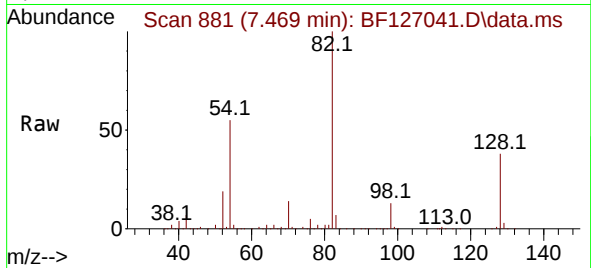




#25
Isophorone
Concen: 43.406 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

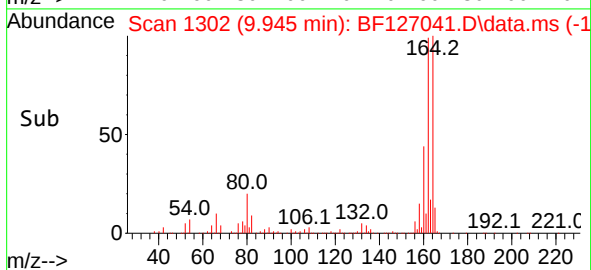
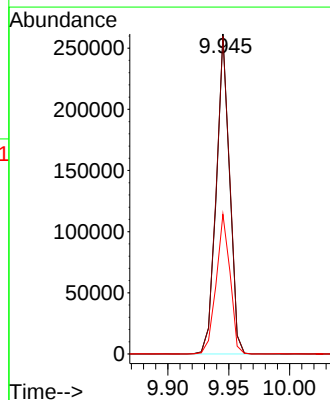
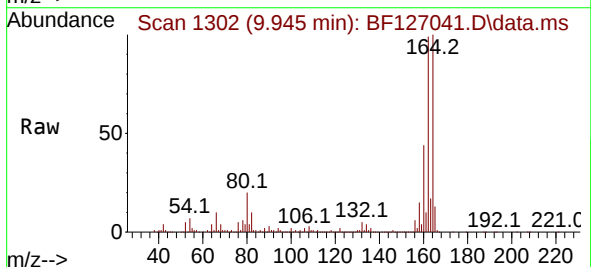
Instrument :
BNA_F
ClientSampleId :
HR-02-022222

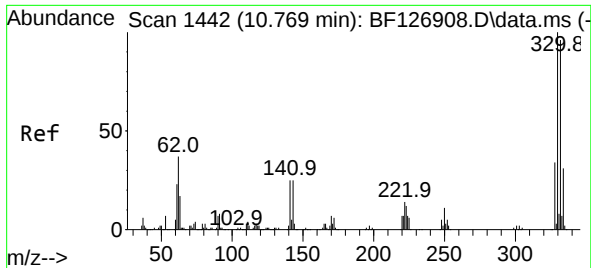
Tgt Ion: 82 Resp: 659425
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

Tgt Ion:164 Resp: 198589
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 43.7 36.6 54.8

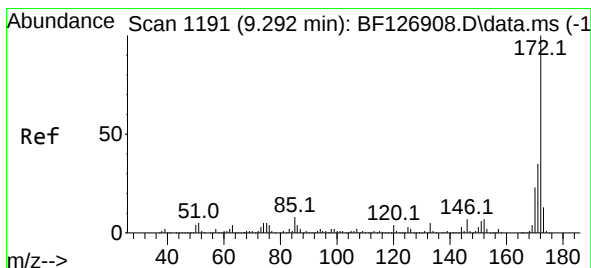
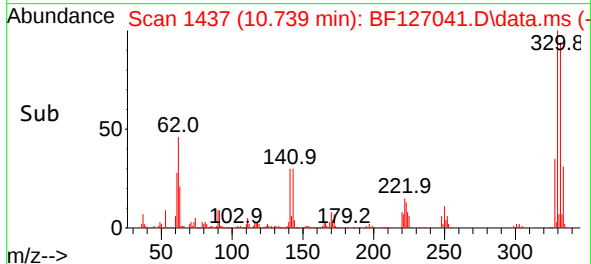
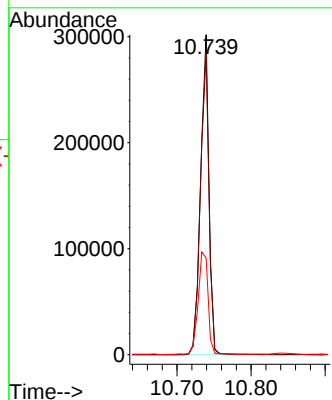
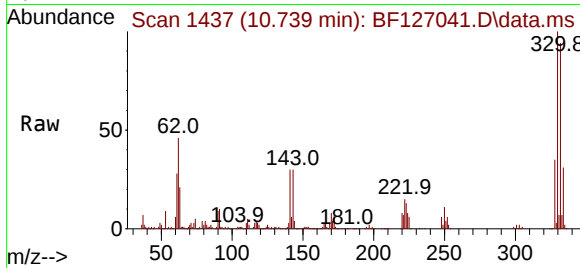




#42
 2,4,6-Tribromophenol
 Concen: 104.351 ng
 RT: 10.739 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BF127041.D
 Acq: 23 Feb 2022 16:03

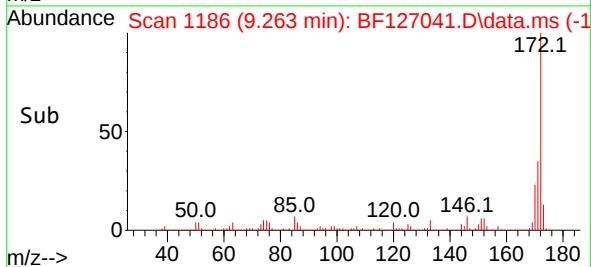
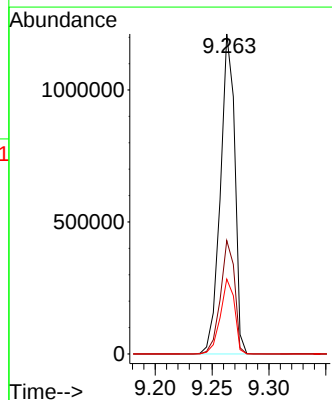
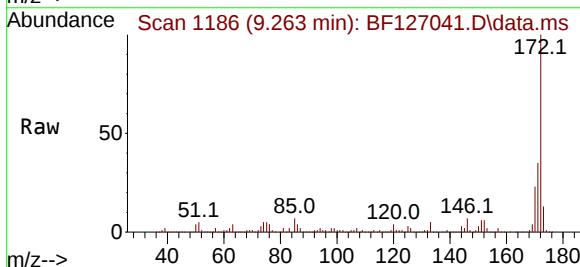
Instrument :
 BNA_F
 ClientSampleId :
 HR-02-022222

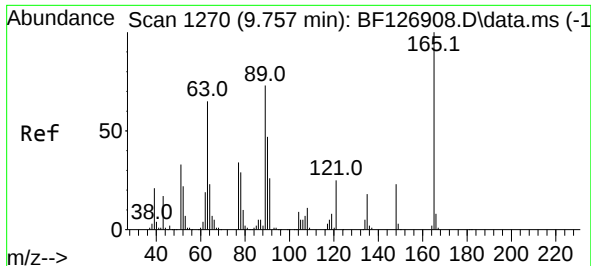
Tgt Ion: 330 Resp: 238596
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.0 114.0
 141 37.9 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 79.404 ng
 RT: 9.263 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF127041.D
 Acq: 23 Feb 2022 16:03

Tgt Ion: 172 Resp: 1071129
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 23.4 19.0 28.6

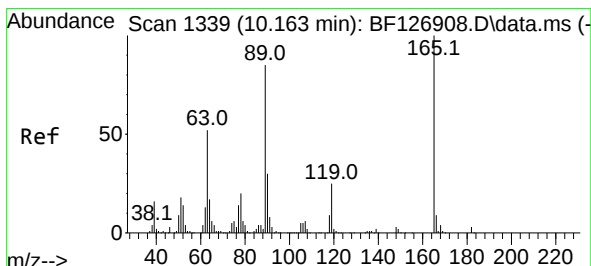
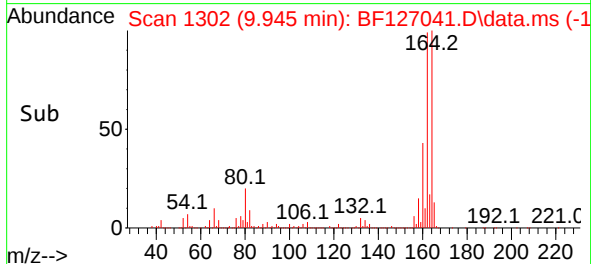
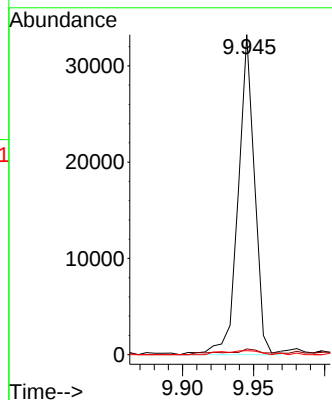
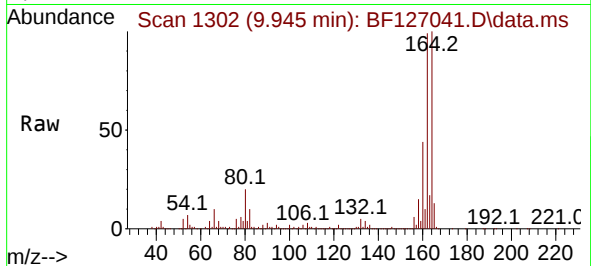




#51
2,6-Dinitrotoluene
Concen: 9.267 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

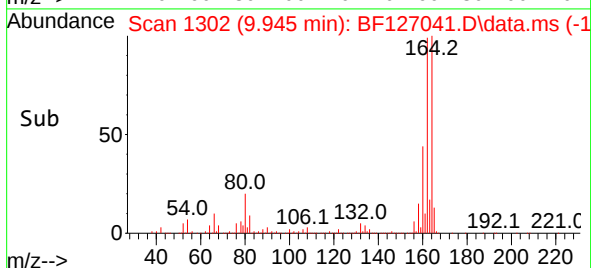
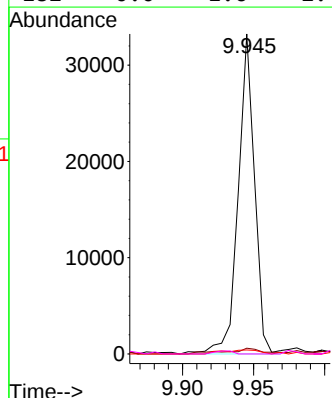
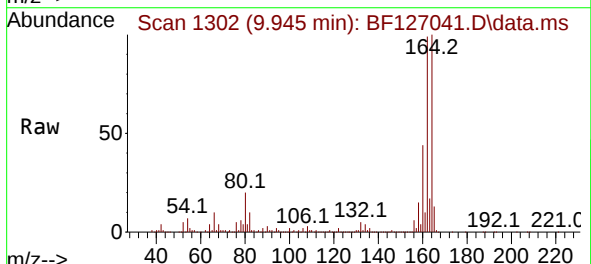
Instrument :
BNA_F
ClientSampleId :
HR-02-022222

Tgt Ion:165 Resp: 26762
Ion Ratio Lower Upper
165 100
63 1.8 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.854 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

Tgt Ion:165 Resp: 26762
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#

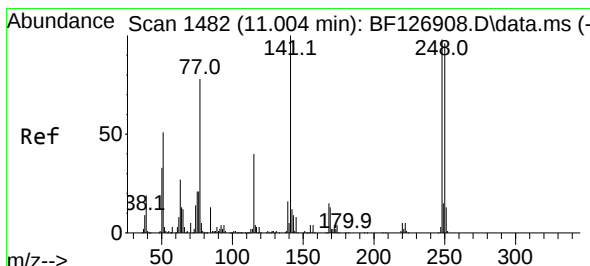
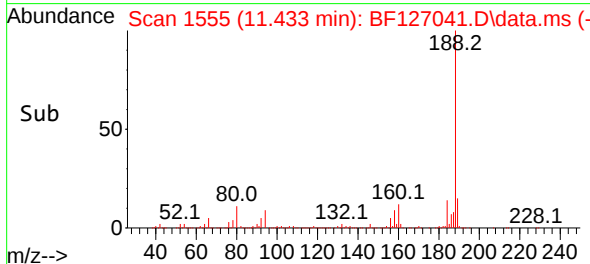
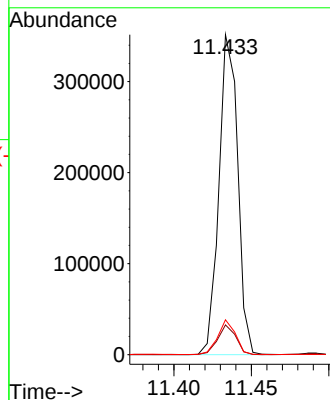
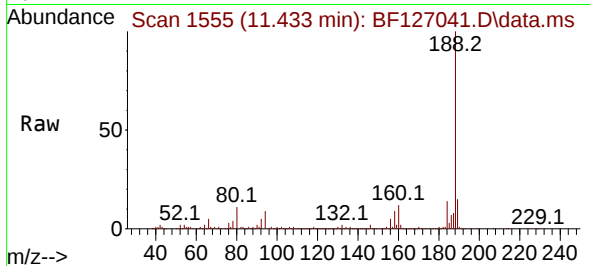




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

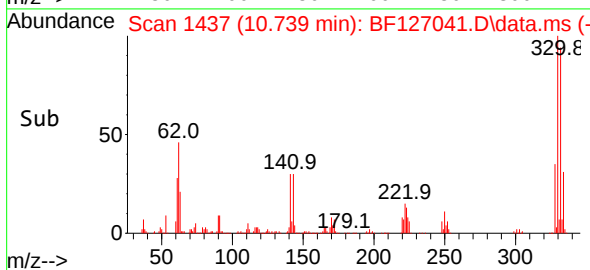
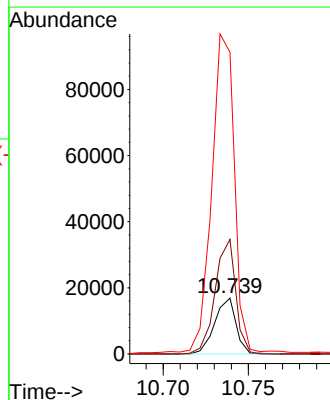
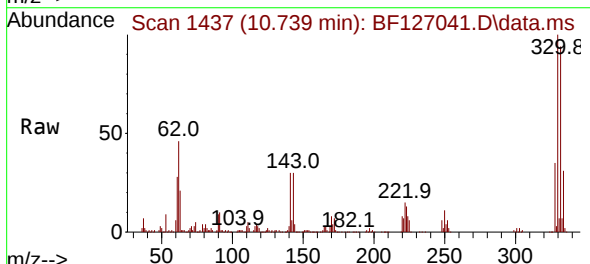
Instrument :
BNA_F
ClientSampleId :
HR-02-022222

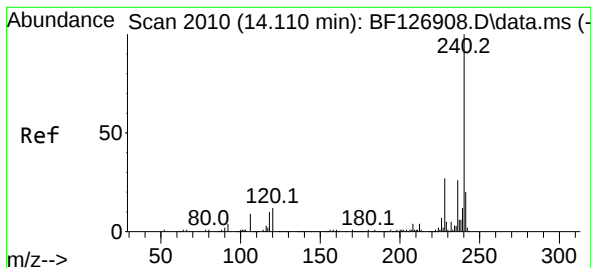
Tgt Ion:188 Resp: 296315
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.9 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.451 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF127041.D
Acq: 23 Feb 2022 16:03

Tgt Ion:248 Resp: 14736
Ion Ratio Lower Upper
248 100
250 205.0 76.2 114.4#
141 540.1 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127041.D

Acq: 23 Feb 2022 16:03

Instrument :

BNA_F

ClientSampleId :

HR-02-022222

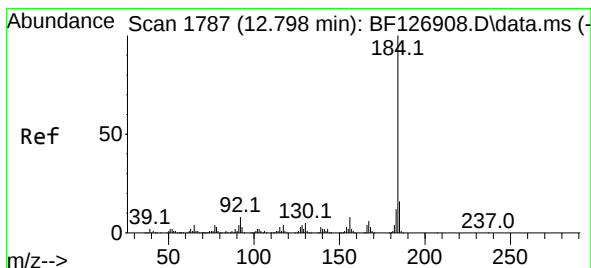
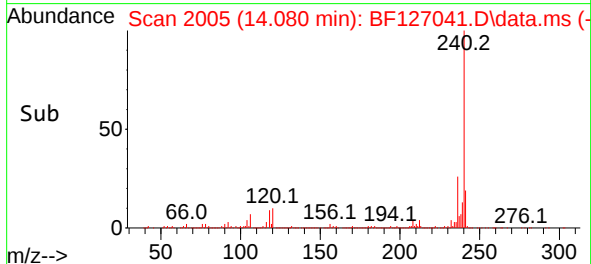
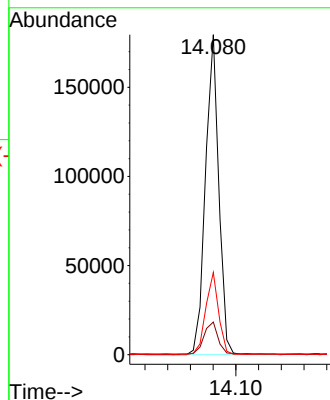
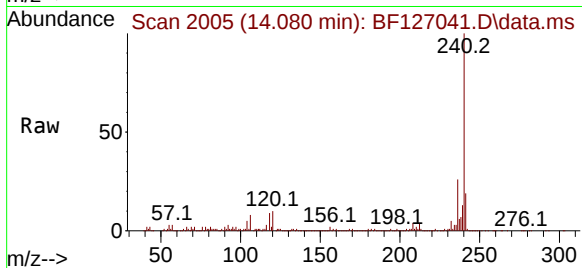
Tgt Ion:240 Resp: 145709

Ion Ratio Lower Upper

240 100

120 10.2 14.4 21.6#

236 25.7 20.5 30.7



#77

Benzidine

Concen: 2.979 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.253 min

Lab File: BF127041.D

Acq: 23 Feb 2022 16:03

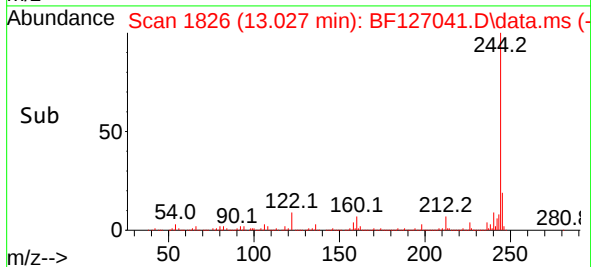
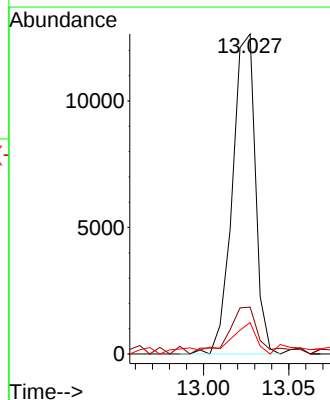
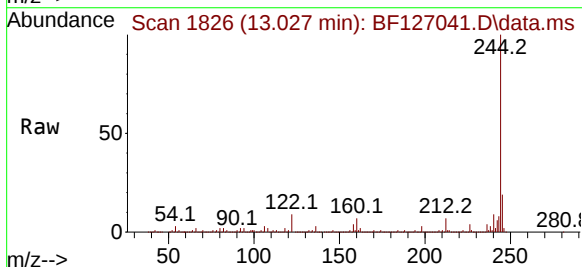
Tgt Ion:184 Resp: 11797

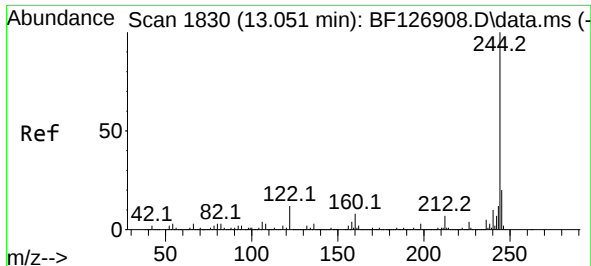
Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

183 9.8 8.2 12.2

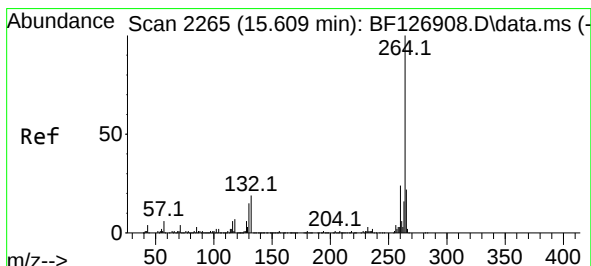
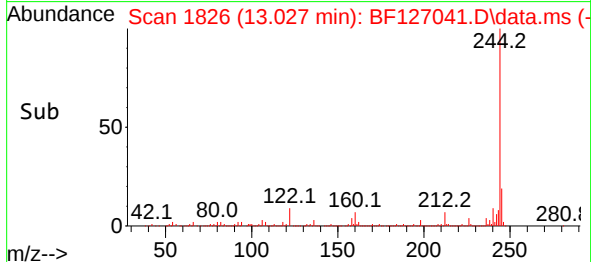
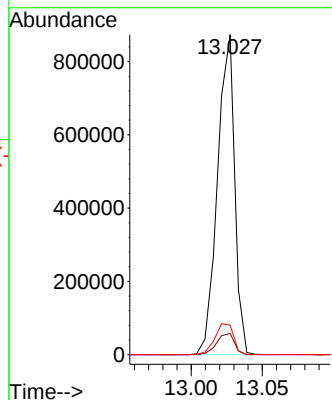
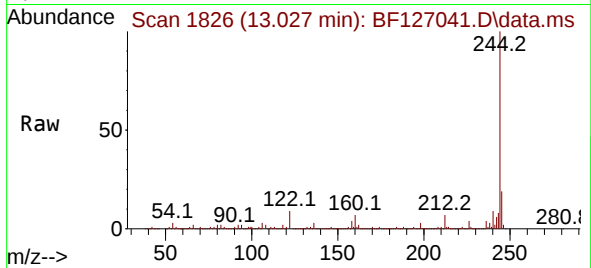




#79
 Terphenyl-d14
 Concen: 73.978 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: BF127041.D
 Acq: 23 Feb 2022 16:03

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-022222

Tgt Ion:244 Resp: 733260
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 9.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. -0.012 min
 Lab File: BF127041.D
 Acq: 23 Feb 2022 16:03

Tgt Ion:264 Resp: 154795
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.2 17.4 26.2

