

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129540.D
 Acq On : 03 Aug 2022 14:51
 Operator : CG\JU
 Sample : N3998-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Aug 03 16:39:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

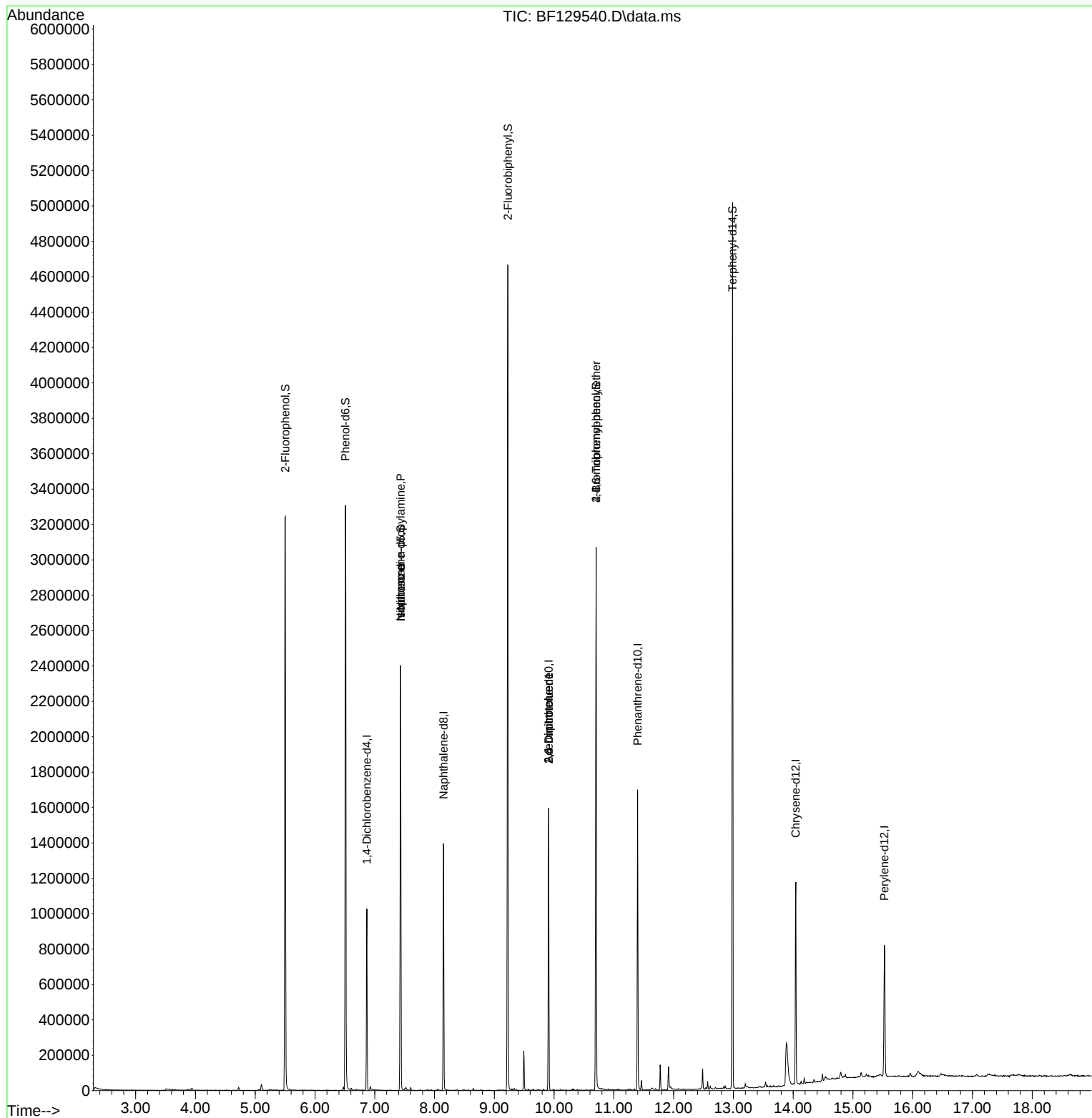
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	142563	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	569076	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	309399	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	545481	20.000	ng	0.00
76) Chrysene-d12	14.045	240	378956	20.000	ng	0.00
86) Perylene-d12	15.527	264	337538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	926759	105.896	ng	0.00
7) Phenol-d6	6.510	99	1167815	106.163	ng	-0.01
23) Nitrobenzene-d5	7.433	82	734019	70.411	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	336338	113.068	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1376814	68.839	ng	0.00
79) Terphenyl-d14	12.986	244	1624724	80.885	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	98408	14.777	ng	# 72
25) Isophorone	7.433	82	734011	39.280	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	39621	8.288	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	39621	6.344	ng	# 22
67) 4-Bromophenyl-phenylether	10.704	248	21016	3.518	ng	# 1

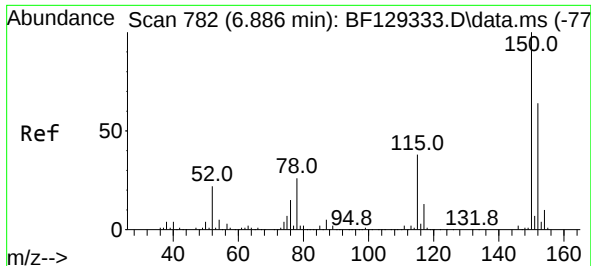
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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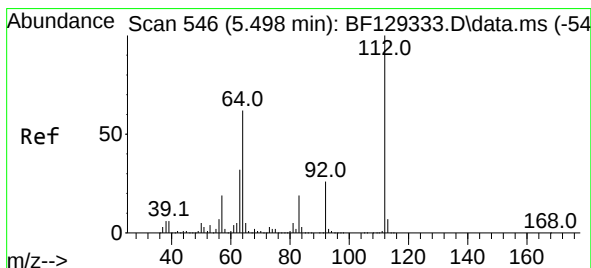
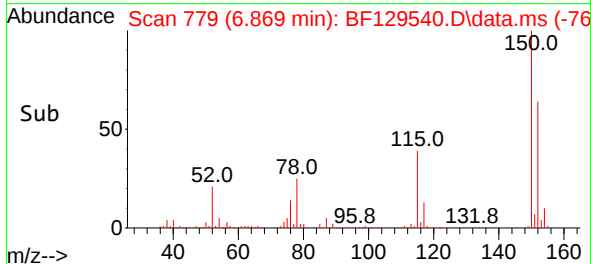
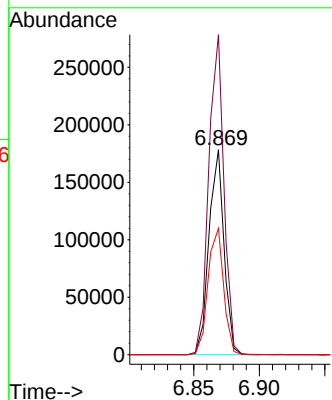
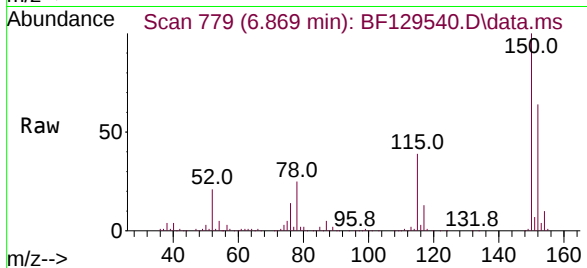




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

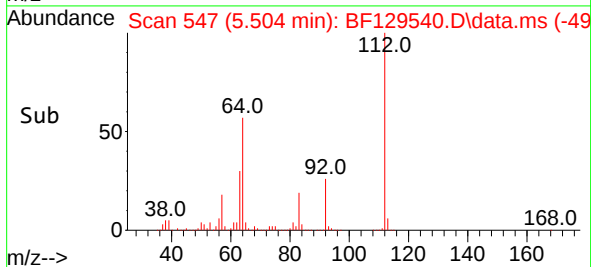
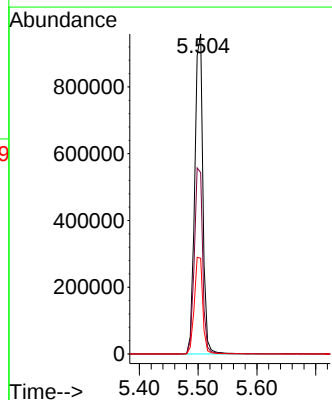
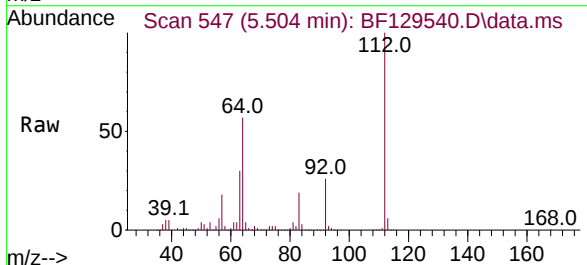
Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:152 Resp: 142563
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 61.6 49.9 74.9



#5
2-Fluorophenol
Concen: 105.896 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.000 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

Tgt Ion:112 Resp: 926759
Ion Ratio Lower Upper
112 100
64 56.6 53.3 79.9
63 29.9 28.0 42.0

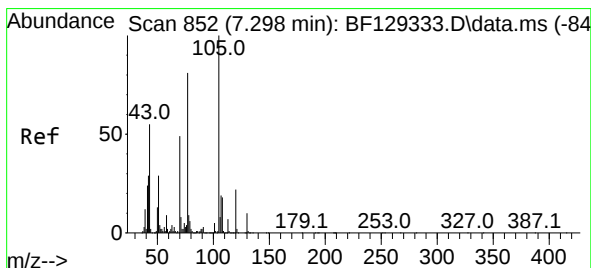
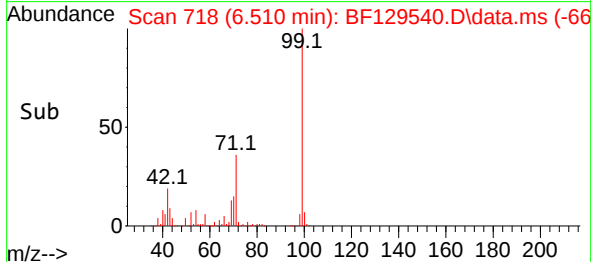
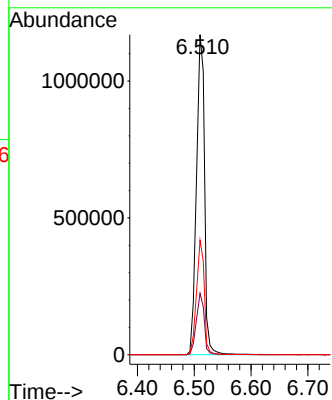
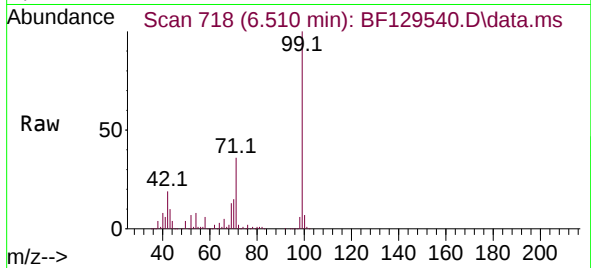




#7
Phenol-d6
Concen: 106.163 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

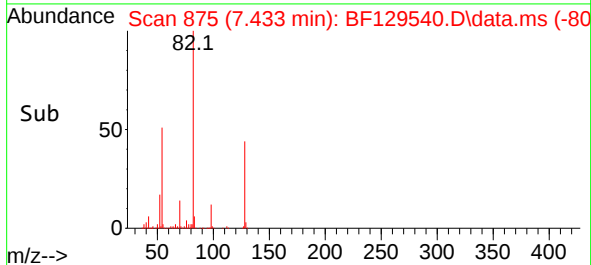
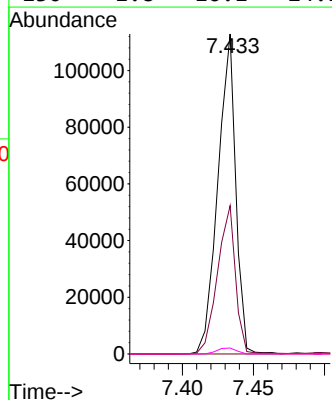
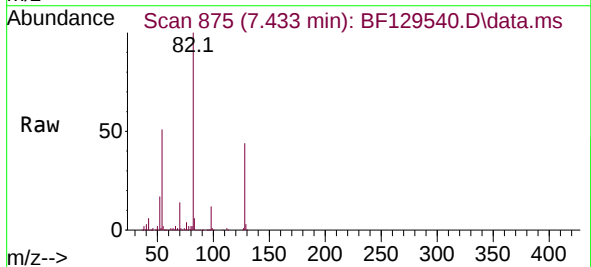
Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion: 99 Resp: 1167815
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 35.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.777 ng
RT: 7.433 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

Tgt Ion: 70 Resp: 98408
Ion Ratio Lower Upper
70 100
42 46.4 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



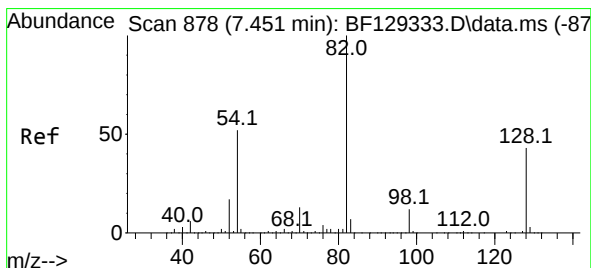
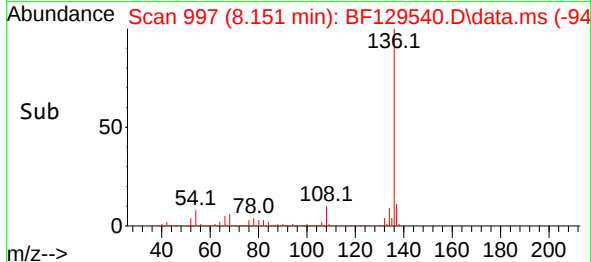
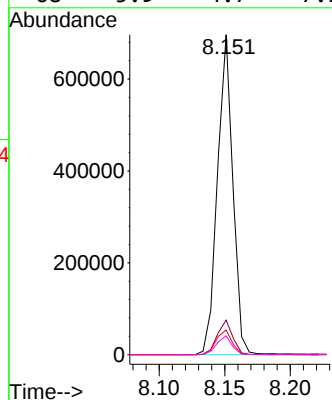
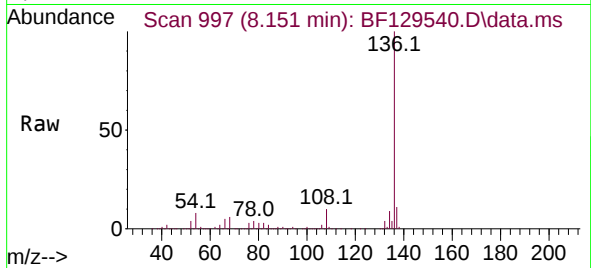


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:136 Resp: 569076

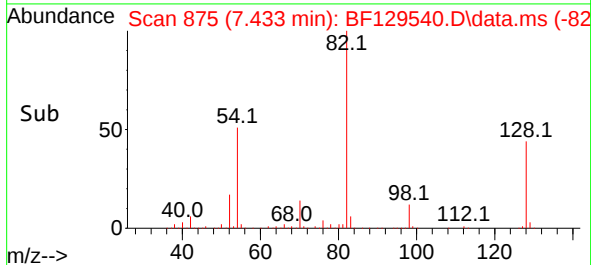
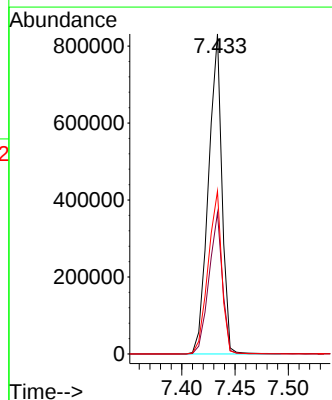
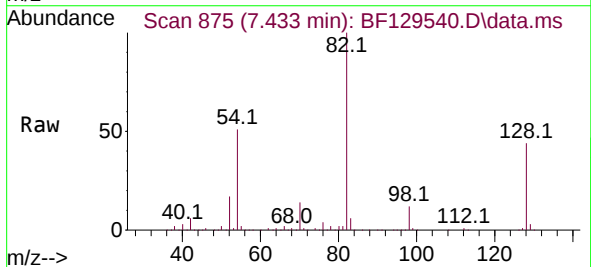
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	7.5	11.3
68	5.9	4.7	7.1

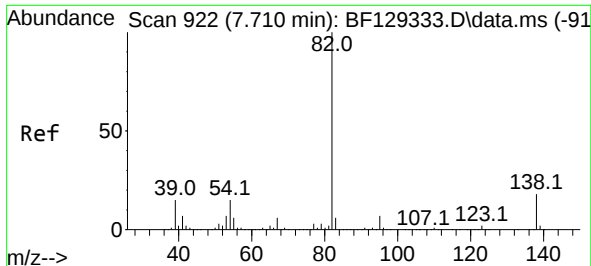


#23
Nitrobenzene-d5
Concen: 70.411 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

Tgt Ion: 82 Resp: 734019

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	50.9	46.9	70.3

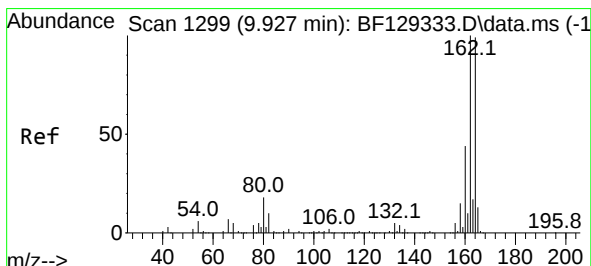
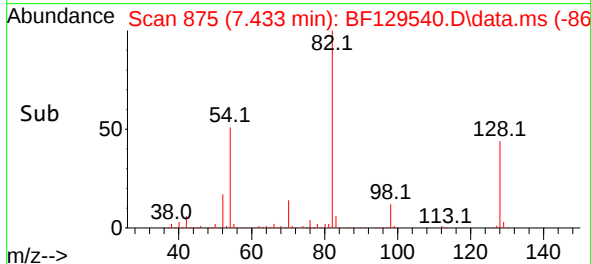
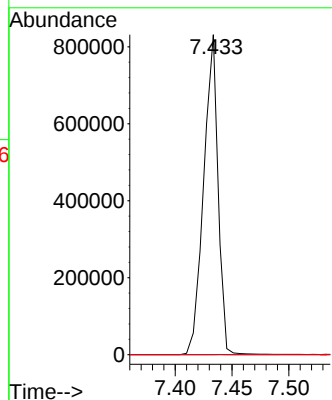
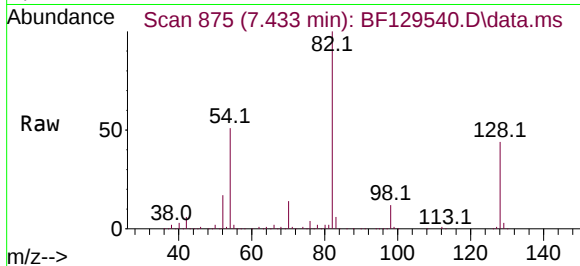




#25
Isophorone
Concen: 39.280 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

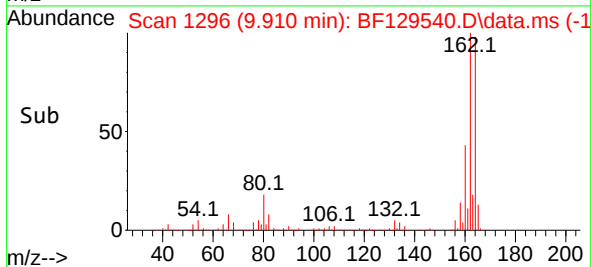
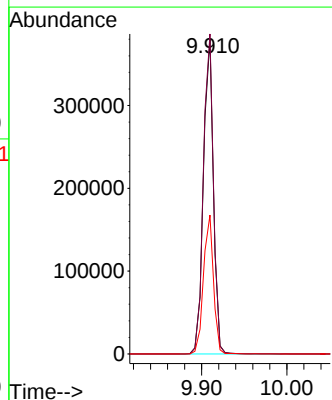
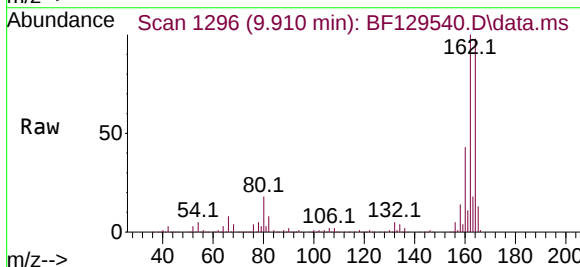
Instrument :
BNA_F
ClientSampleId :
SB-3

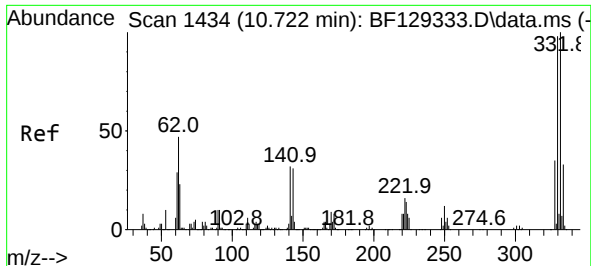
Tgt Ion: 82 Resp: 734011
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

Tgt Ion:164 Resp: 309399
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 113.068 ng

RT: 10.704 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129540.D

Acq: 03 Aug 2022 14:51

Instrument :

BNA_F

ClientSampleId :

SB-3

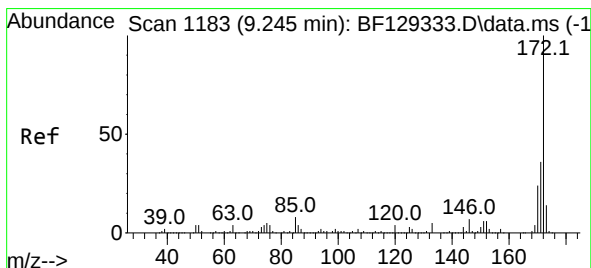
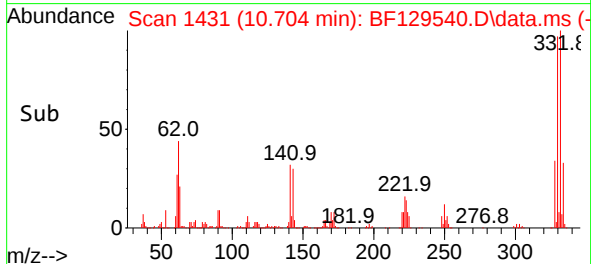
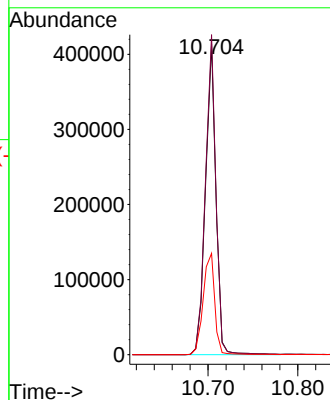
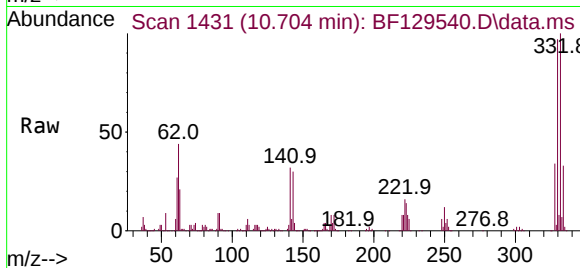
Tgt Ion:330 Resp: 336338

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 36.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.839 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129540.D

Acq: 03 Aug 2022 14:51

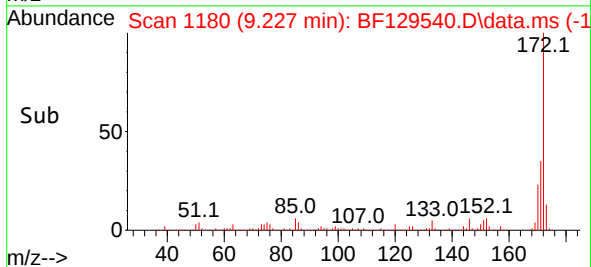
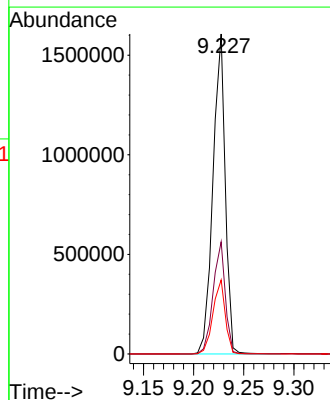
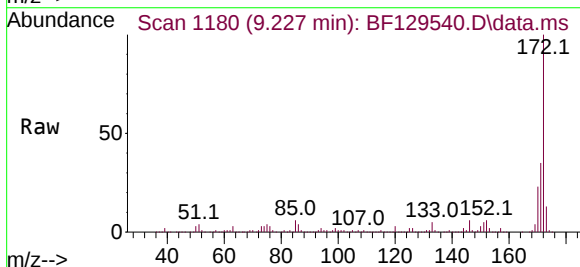
Tgt Ion:172 Resp: 1376814

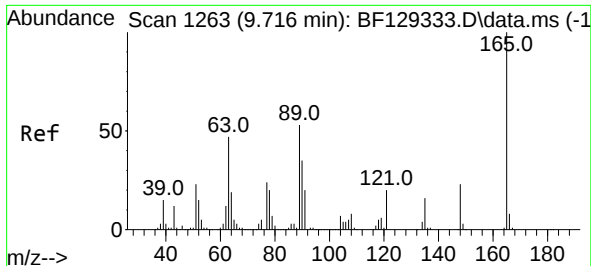
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.288 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.206 min

Lab File: BF129540.D

Acq: 03 Aug 2022 14:51

Instrument :

BNA_F

ClientSampleId :

SB-3

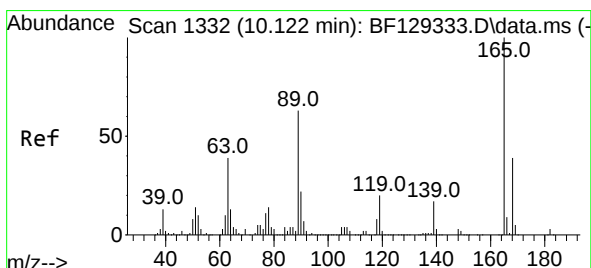
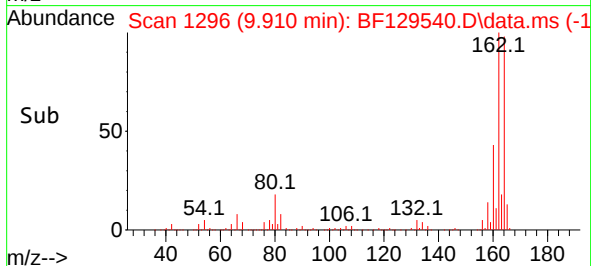
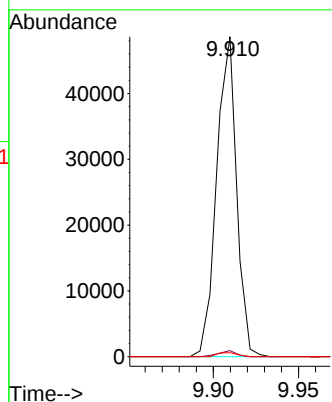
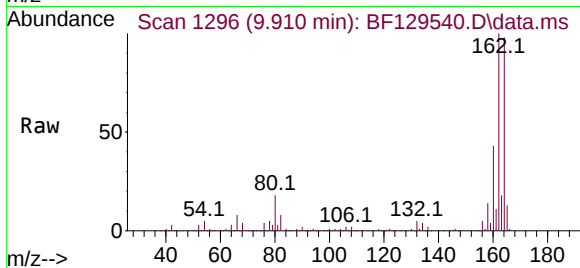
Tgt Ion:165 Resp: 39621

Ion Ratio Lower Upper

165 100

63 1.9 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.344 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.200 min

Lab File: BF129540.D

Acq: 03 Aug 2022 14:51

Tgt Ion:165 Resp: 39621

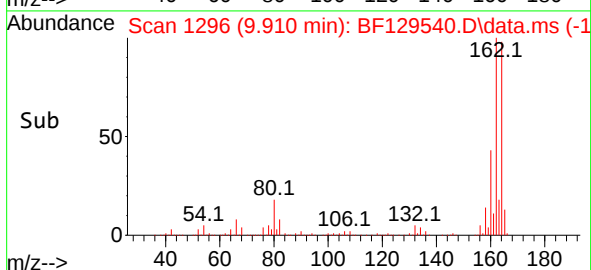
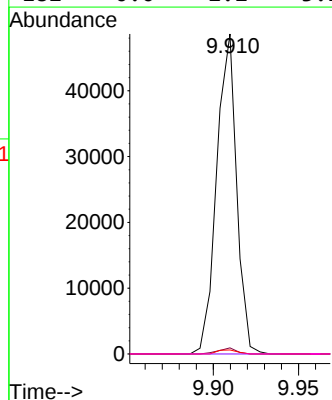
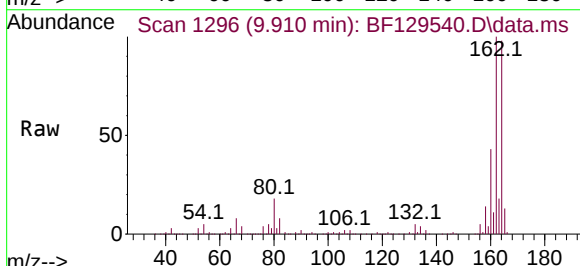
Ion Ratio Lower Upper

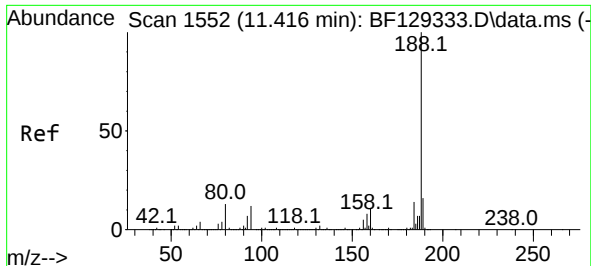
165 100

63 1.9 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#

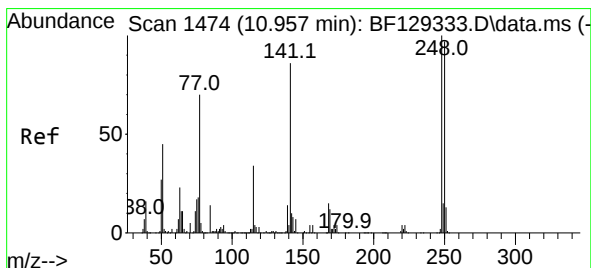
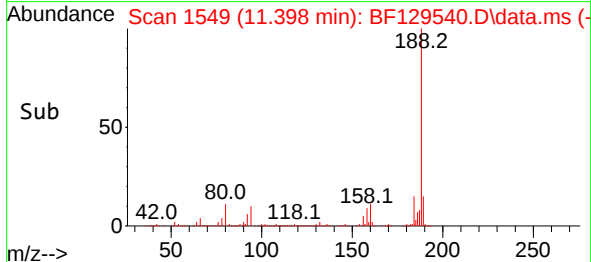
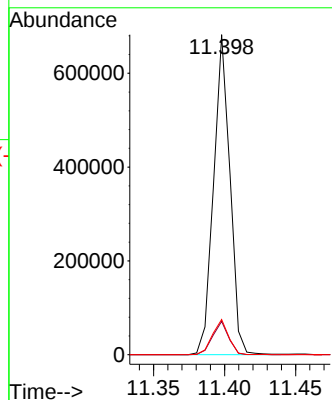
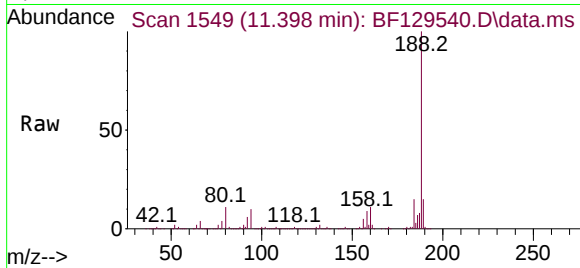




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

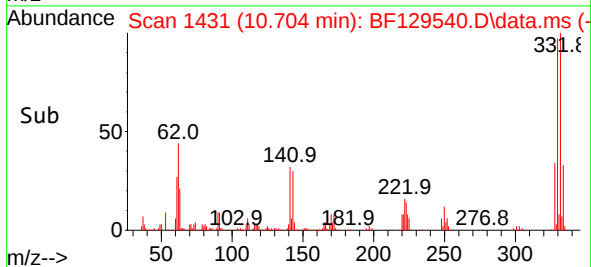
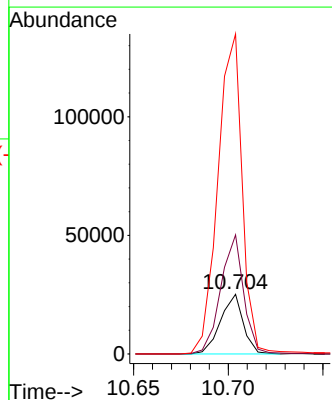
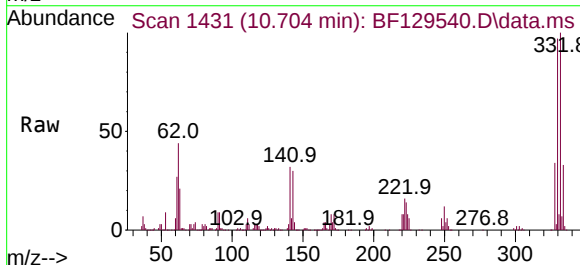
Instrument :
BNA_F
ClientSampleId :
SB-3

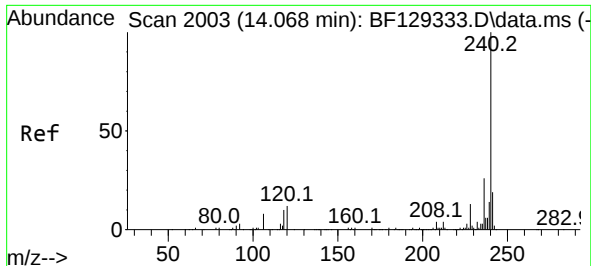
Tgt Ion:188 Resp: 545481
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.518 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

Tgt Ion:248 Resp: 21016
Ion Ratio Lower Upper
248 100
250 199.3 80.6 120.8#
141 535.5 58.9 88.3#

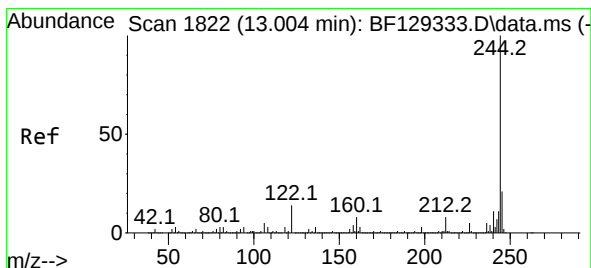
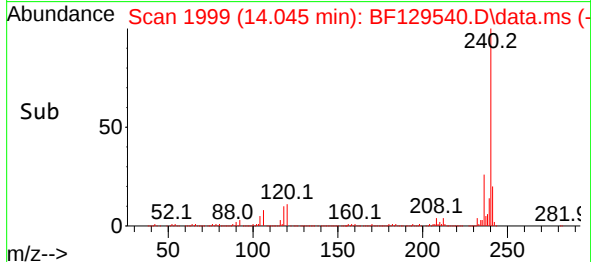
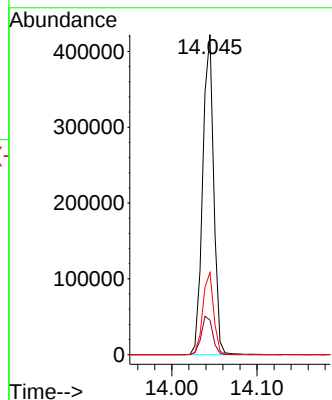
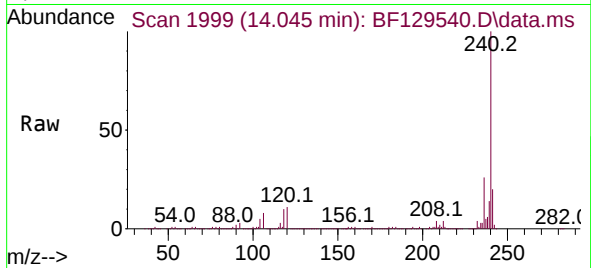




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

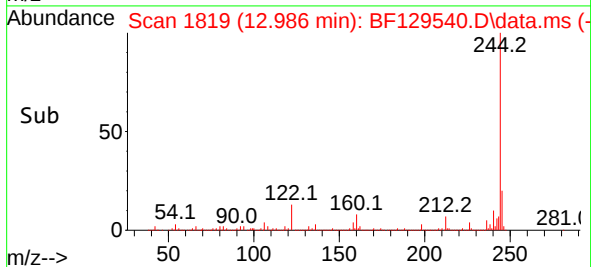
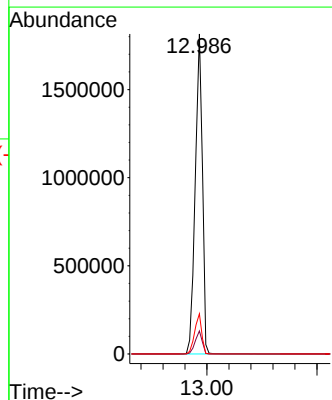
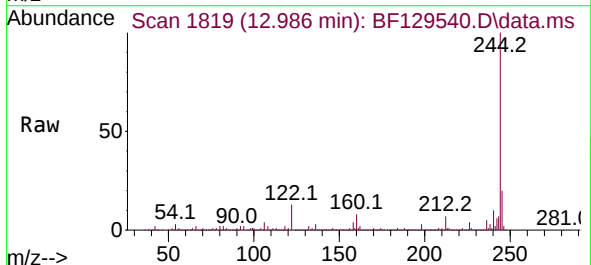
Instrument :
BNA_F
ClientSampleId :
SB-3

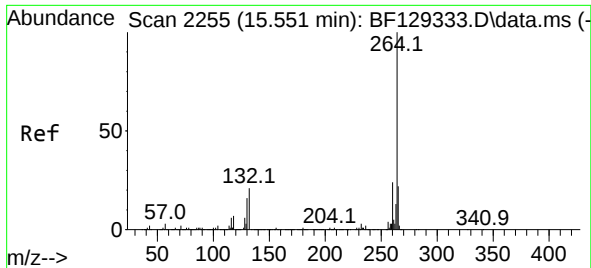
Tgt Ion:240 Resp: 378956
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 80.885 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF129540.D
Acq: 03 Aug 2022 14:51

Tgt Ion:244 Resp: 1624724
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.5 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129540.D
 Acq: 03 Aug 2022 14:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tgt Ion:264 Resp: 337538
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 20.9 17.2 25.8

