

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129639.D
 Acq On : 08 Aug 2022 19:24
 Operator : CG\JU
 Sample : N4064-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Quant Time: Aug 09 00:34:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

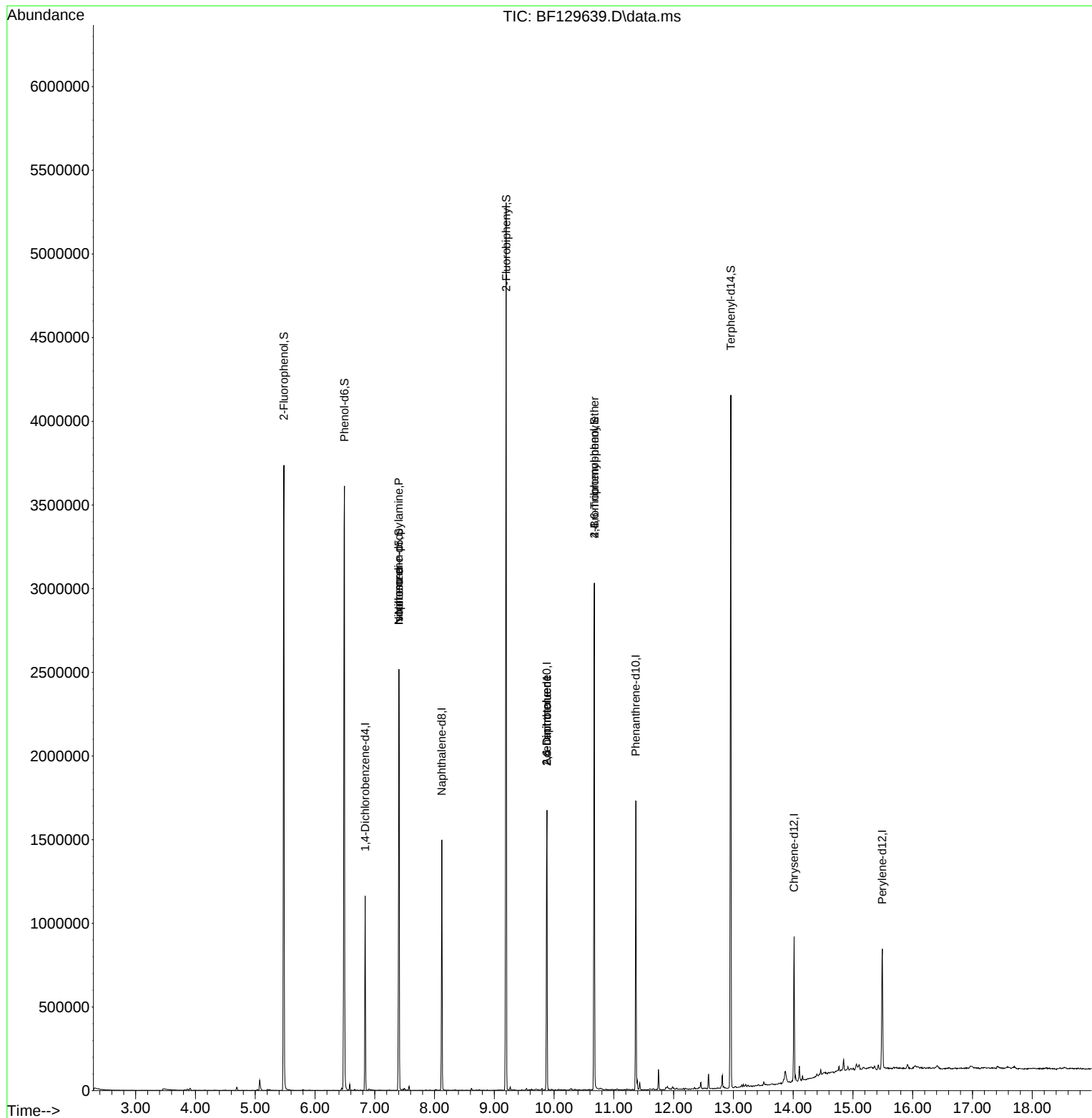
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	153243	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	610828	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	326651	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	543916	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	268159	20.000	ng	-0.01
86) Perylene-d12	15.492	264	306879	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1025495	109.012	ng	0.00
7) Phenol-d6	6.492	99	1296147	109.617	ng	-0.01
23) Nitrobenzene-d5	7.404	82	838369	74.924	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	342800	109.154	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1519731	71.971	ng	-0.01
79) Terphenyl-d14	12.957	244	1364836	96.020	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	111277	15.545	ng	# 73
25) Isophorone	7.404	82	835328	41.647	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	43282	8.576	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	43282	6.565	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	21778	3.656	ng	# 1

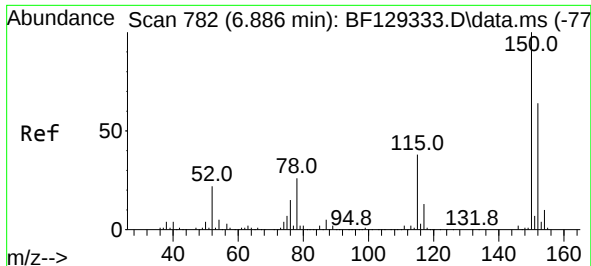
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129639.D
Acq On : 08 Aug 2022 19:24
Operator : CG\JU
Sample : N4064-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

Quant Time: Aug 09 00:34:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration

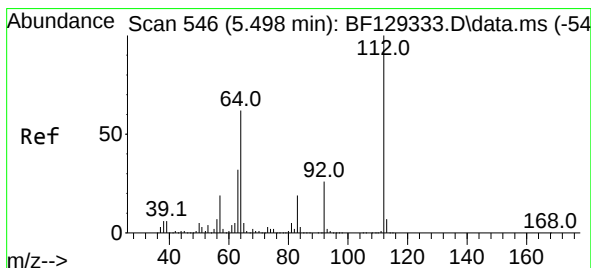
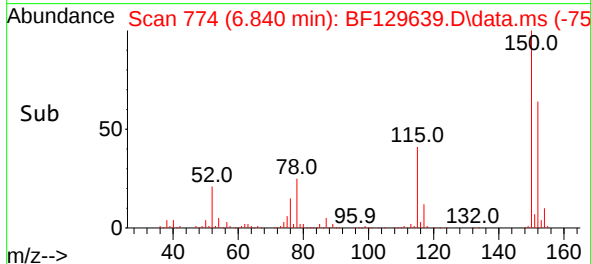
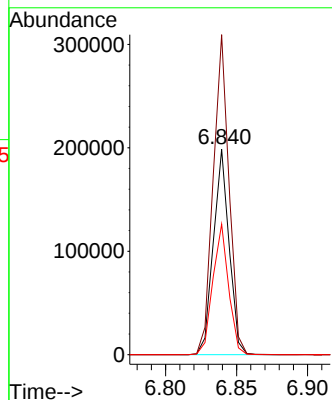
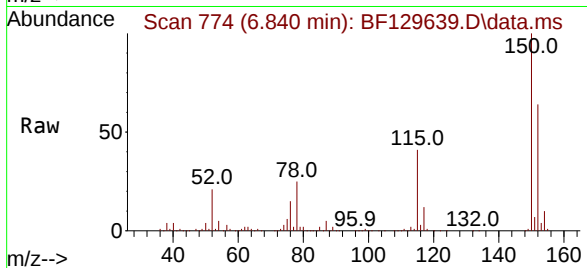




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129639.D
 Acq: 08 Aug 2022 19:24

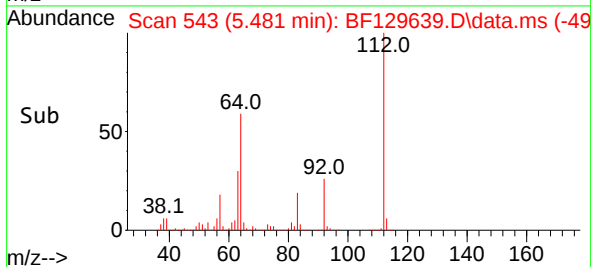
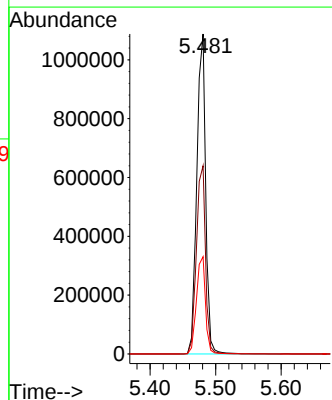
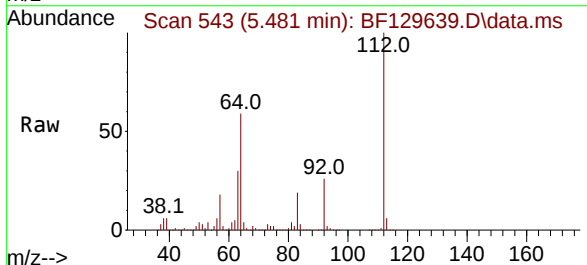
Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Tgt Ion:152 Resp: 153243
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.7 185.5
 115 63.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 109.012 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF129639.D
 Acq: 08 Aug 2022 19:24

Tgt Ion:112 Resp: 1025495
 Ion Ratio Lower Upper
 112 100
 64 58.8 53.3 79.9
 63 30.4 28.0 42.0



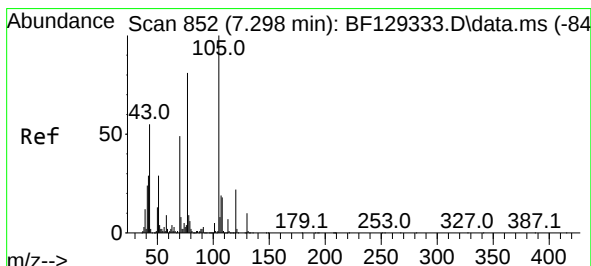
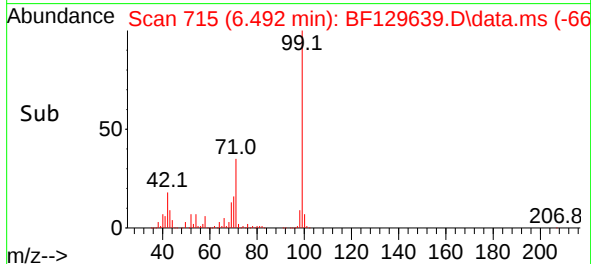
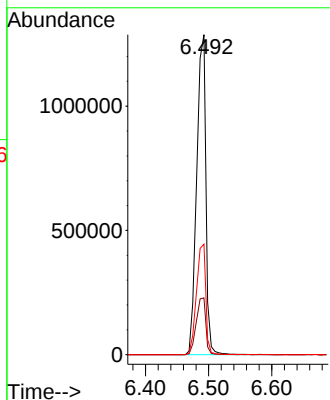
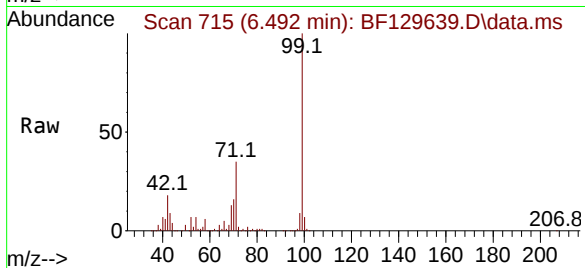


#7
Phenol-d6
Concen: 109.617 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion: 99 Resp: 1296147

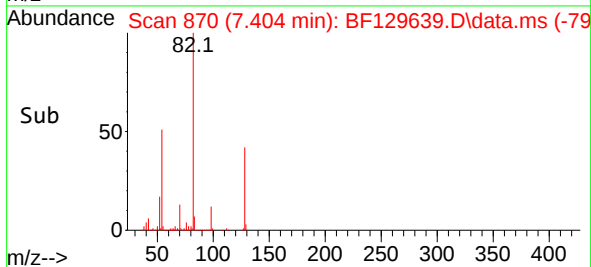
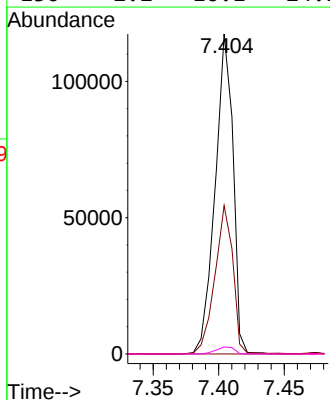
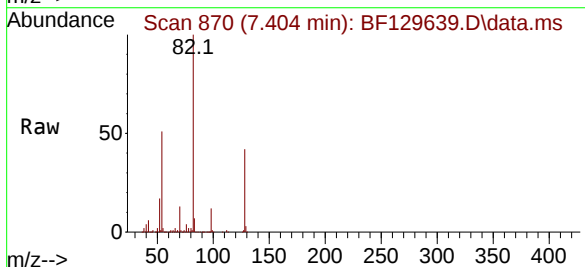
Ion	Ratio	Lower	Upper
99	100		
42	17.8	17.3	25.9
71	34.5	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.545 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

Tgt Ion: 70 Resp: 111277

Ion	Ratio	Lower	Upper
70	100		
42	46.4	52.3	78.5#
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#

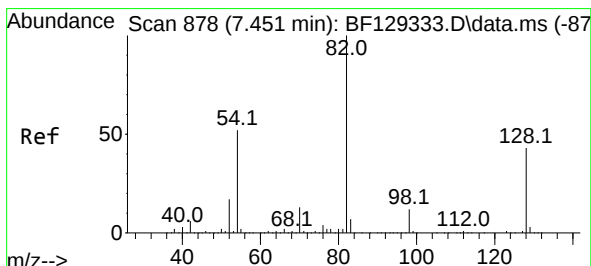
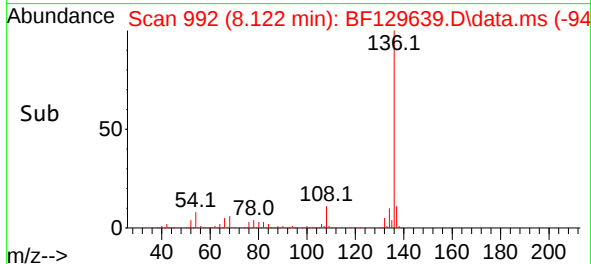
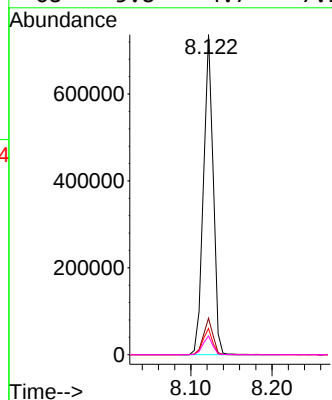
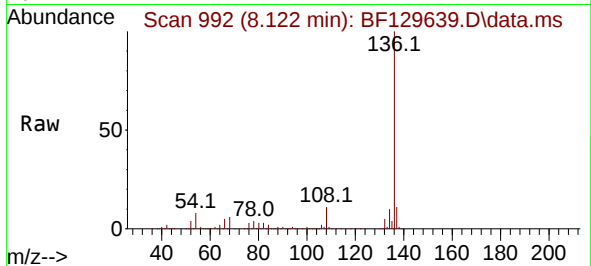




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

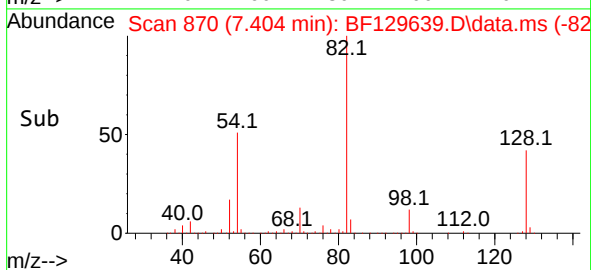
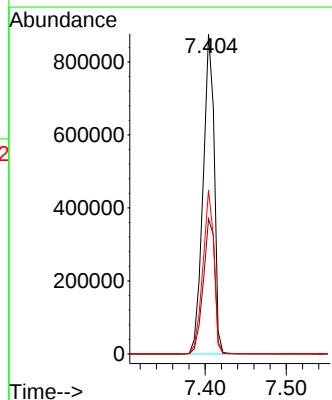
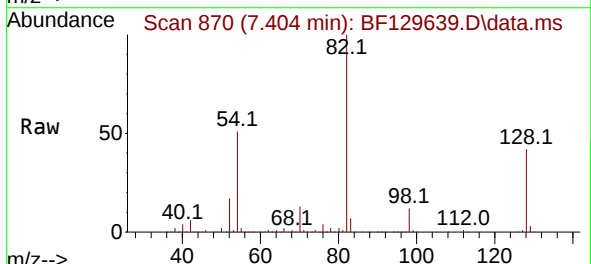
Instrument :
BNA_F
ClientSampleId :
SB-15

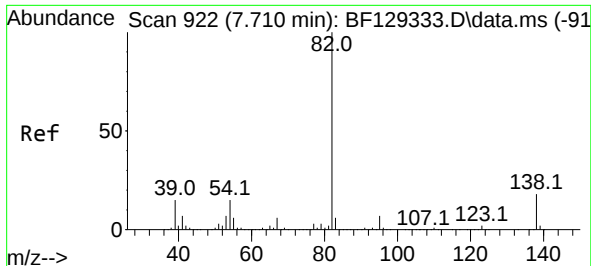
Tgt Ion:136 Resp: 610828
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.2 7.5 11.3
68 5.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 74.924 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

Tgt Ion: 82 Resp: 838369
Ion Ratio Lower Upper
82 100
128 42.2 34.0 51.0
54 51.2 46.9 70.3

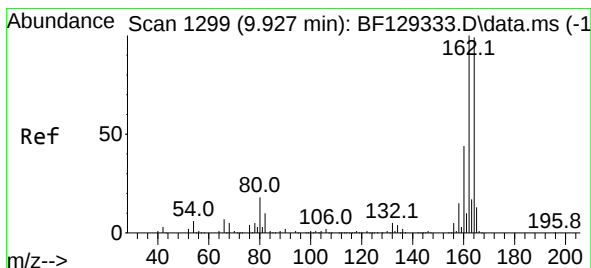
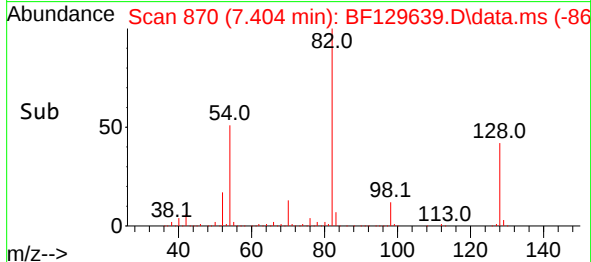
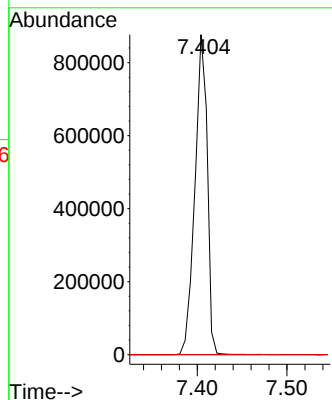
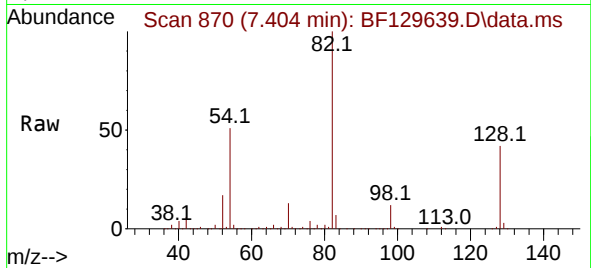




#25
Isophorone
Concen: 41.647 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

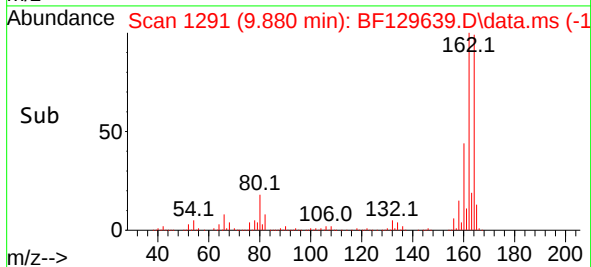
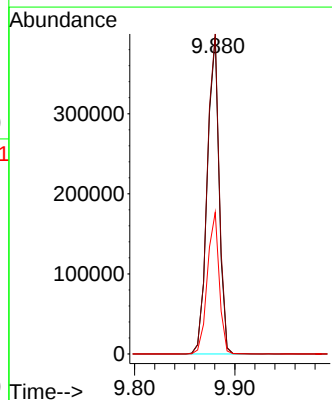
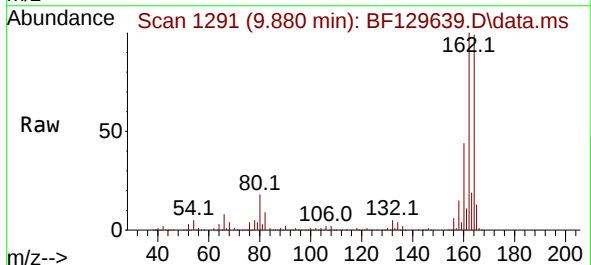
Instrument :
BNA_F
ClientSampleId :
SB-15

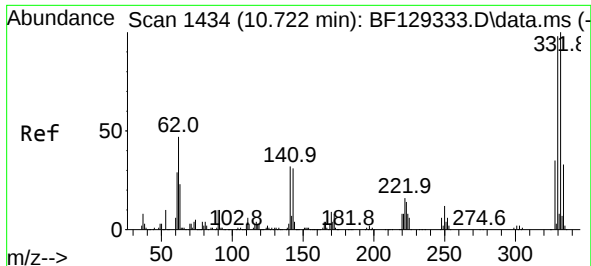
Tgt Ion: 82 Resp: 835328
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

Tgt Ion:164 Resp: 326651
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.7 34.2 51.4

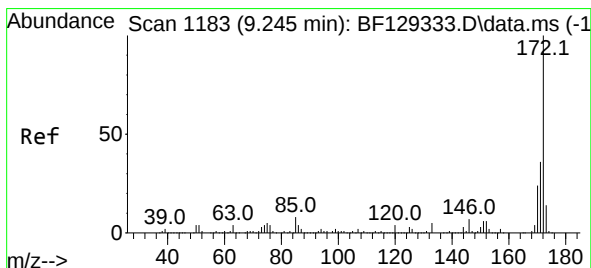
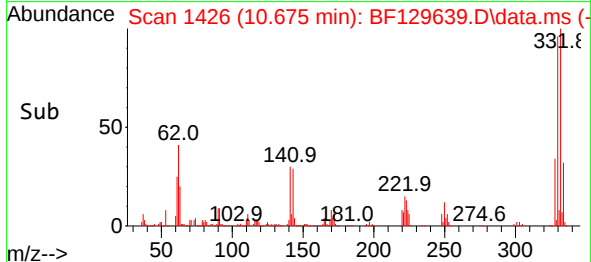
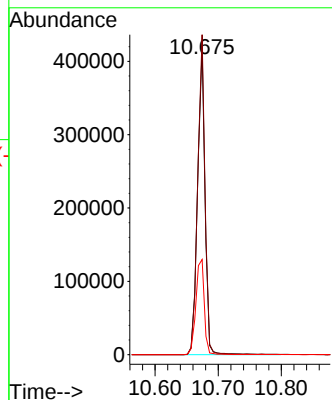
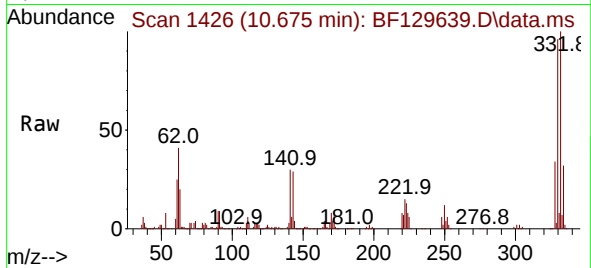




#42
2,4,6-Tribromophenol
Concen: 109.154 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

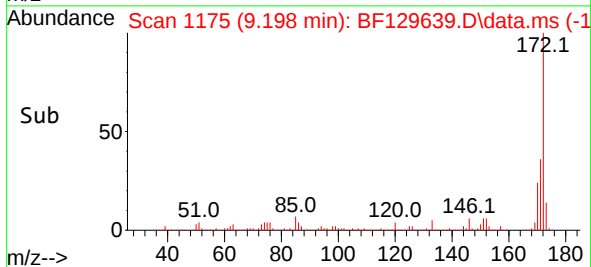
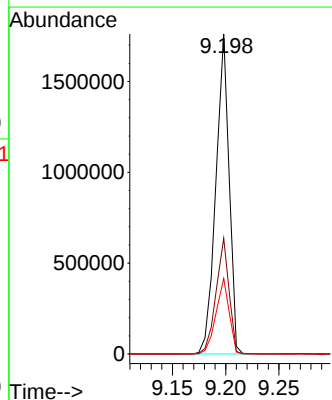
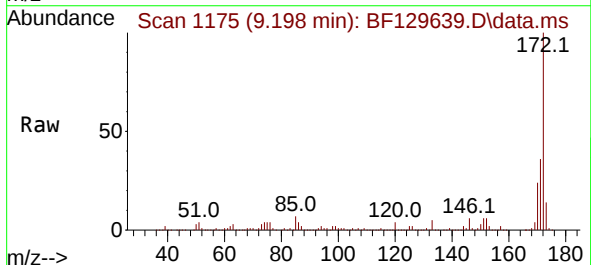
Instrument :
BNA_F
ClientSampleId :
SB-15

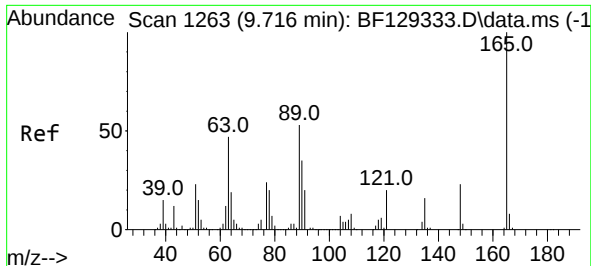
Tgt Ion: 330 Resp: 342800
Ion Ratio Lower Upper
330 100
332 102.2 76.8 115.2
141 35.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 71.971 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

Tgt Ion: 172 Resp: 1519731
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.576 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129639.D

Acq: 08 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

SB-15

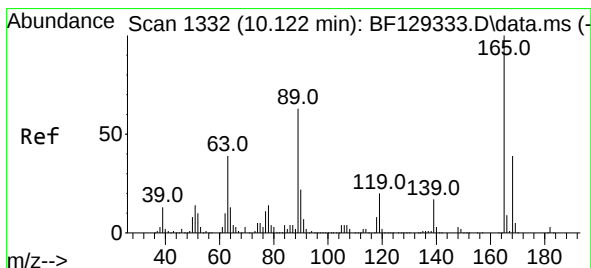
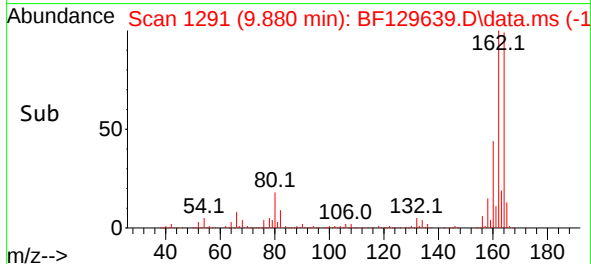
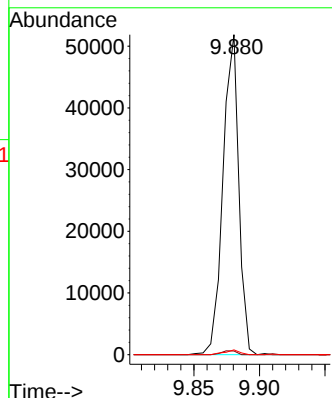
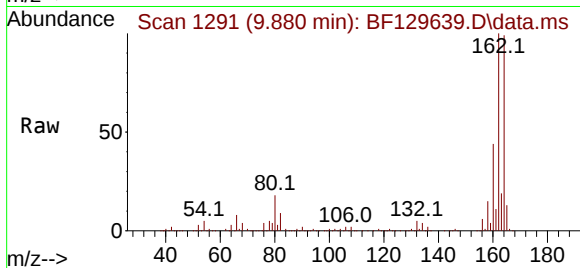
Tgt Ion:165 Resp: 43282

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.565 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129639.D

Acq: 08 Aug 2022 19:24

Tgt Ion:165 Resp: 43282

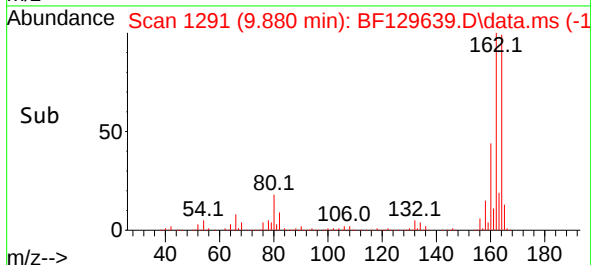
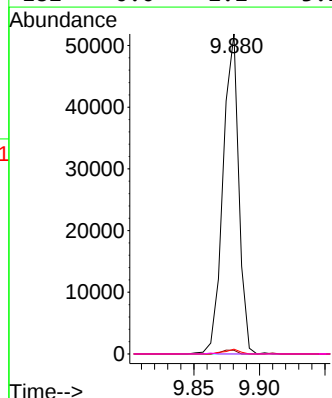
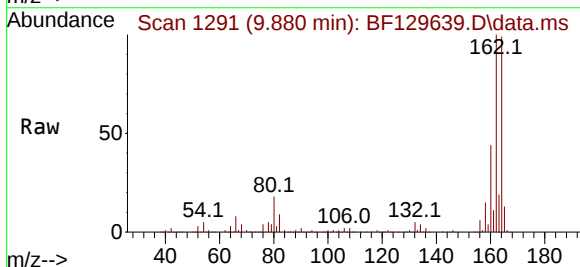
Ion Ratio Lower Upper

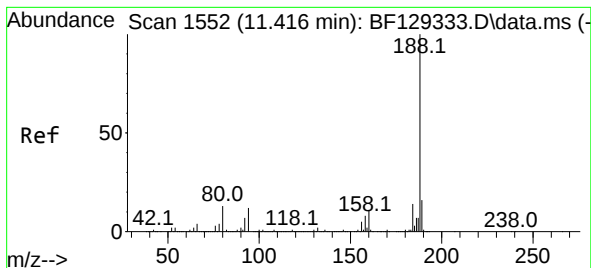
165 100

63 1.2 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129639.D

Acq: 08 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

SB-15

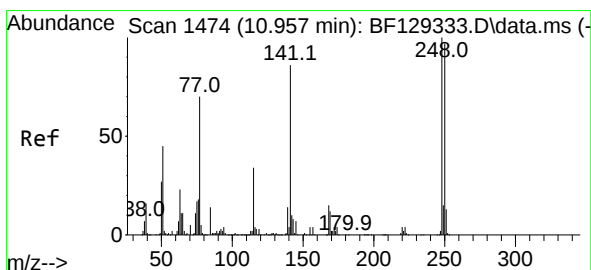
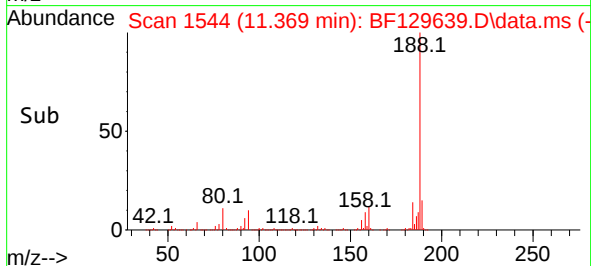
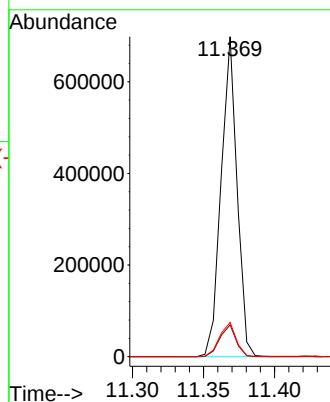
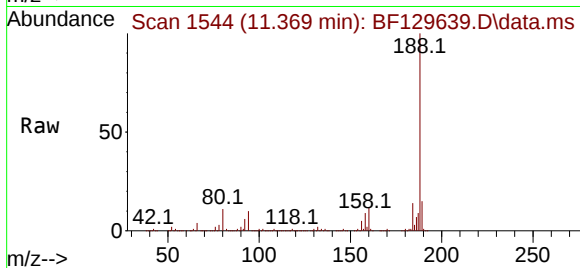
Tgt Ion:188 Resp: 543916

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.7 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.656 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF129639.D

Acq: 08 Aug 2022 19:24

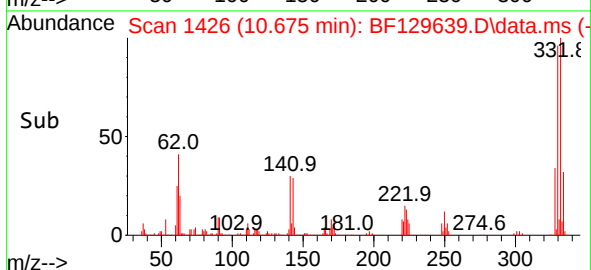
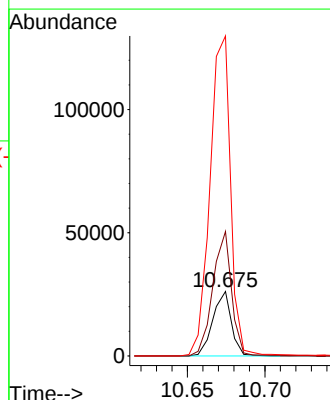
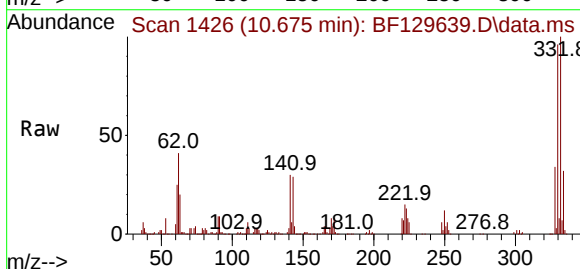
Tgt Ion:248 Resp: 21778

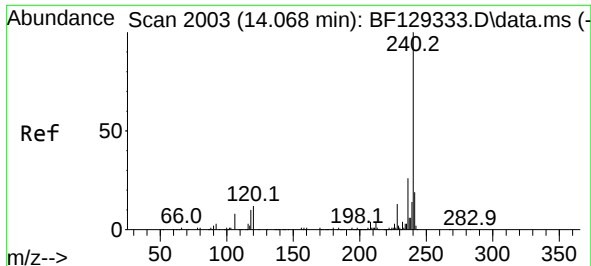
Ion Ratio Lower Upper

248 100

250 192.9 80.6 120.8#

141 496.1 58.9 88.3#

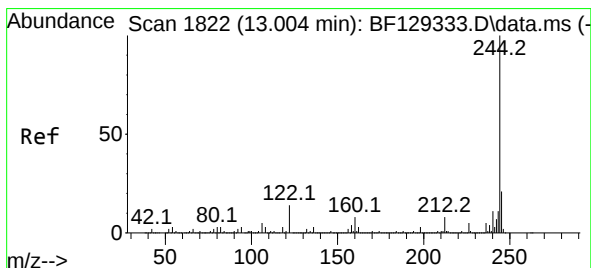
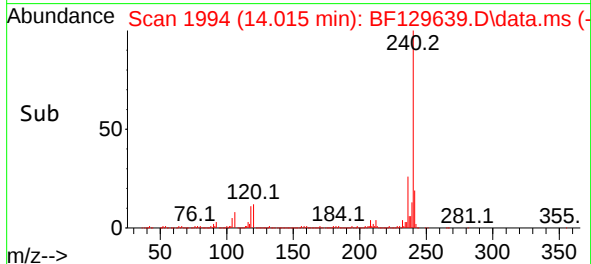
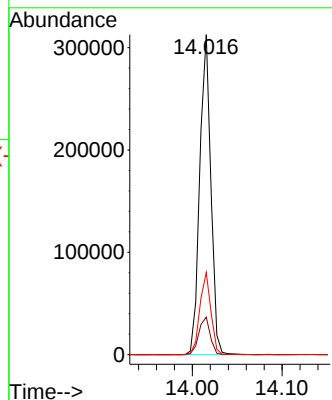
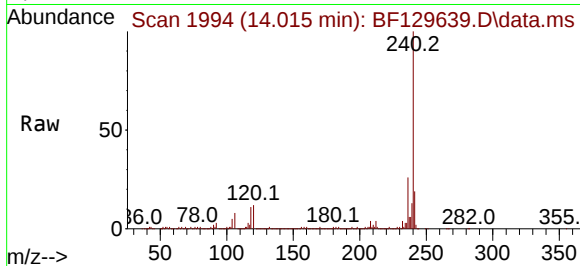




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

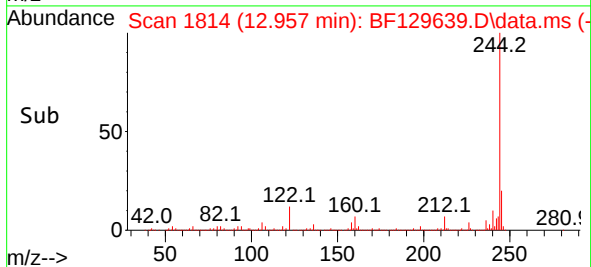
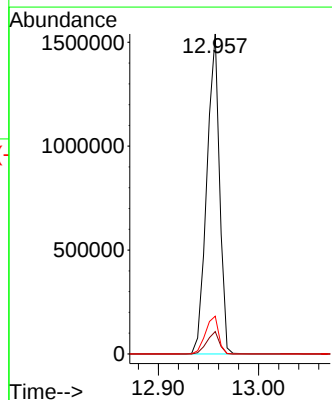
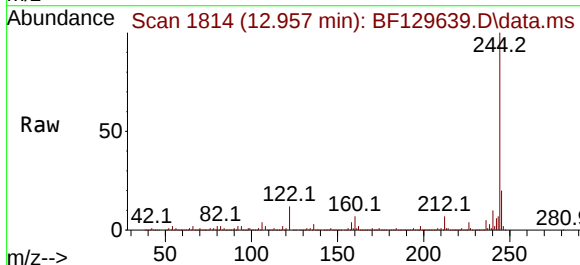
Instrument :
BNA_F
ClientSampleId :
SB-15

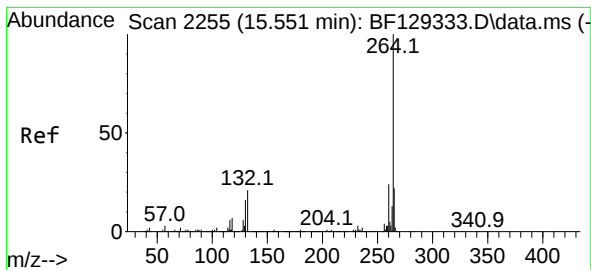
Tgt Ion:240 Resp: 268159
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 96.020 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

Tgt Ion:244 Resp: 1364836
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 11.8 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129639.D
Acq: 08 Aug 2022 19:24

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:264 Resp: 306879

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	20.6	17.2	25.8

