

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010618.D
 Acq On : 29 May 2022 14:39
 Operator : CG/JU
 Sample : N2859-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SW-E-E3

Quant Time: May 30 02:06:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

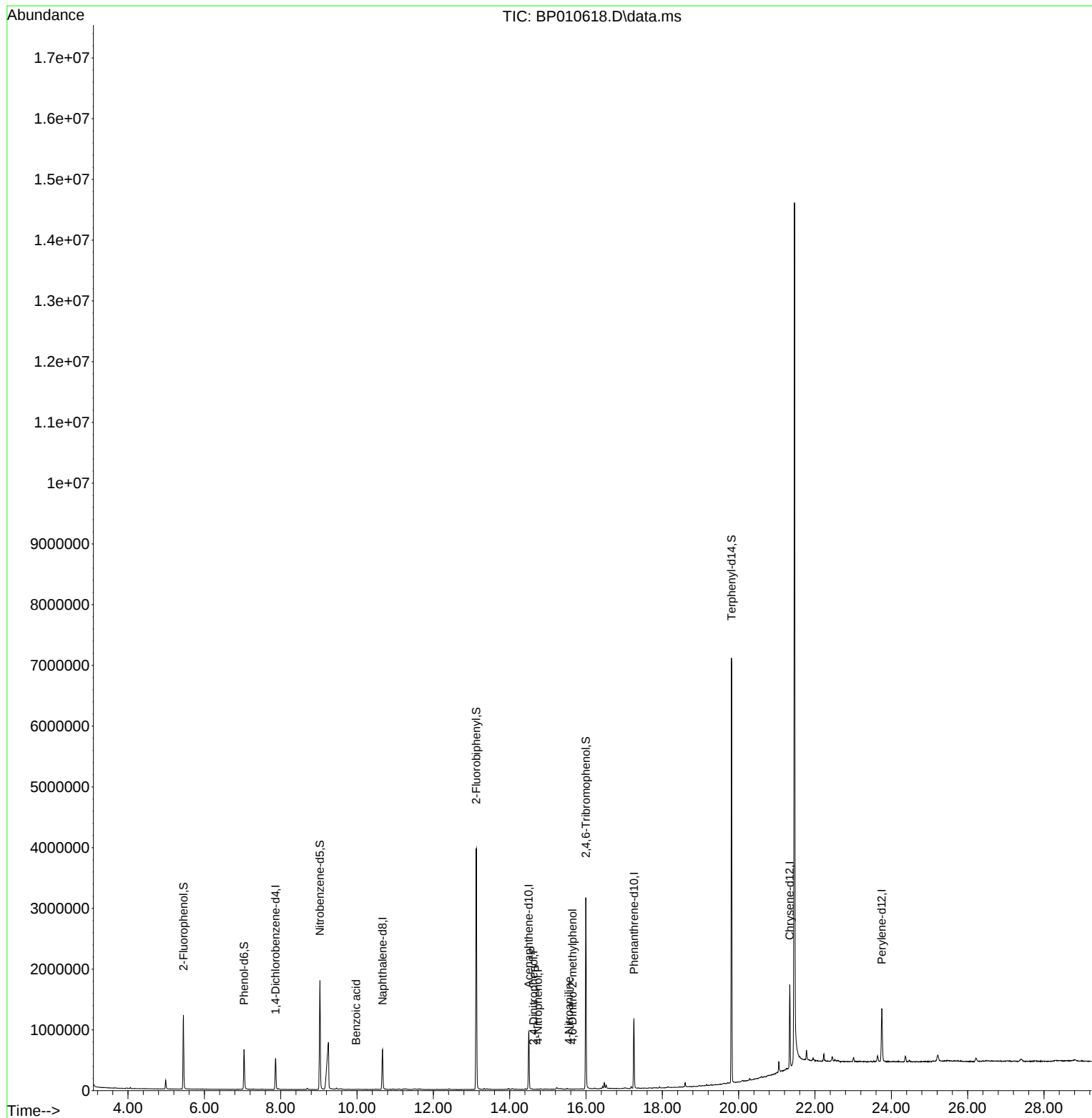
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	134590	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	525521	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	333636	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	704612	20.000	ng	0.00
76) Chrysene-d12	21.339	240	666358	20.000	ng	0.00
86) Perylene-d12	23.751	264	669689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	461003	62.487	ng	0.00
7) Phenol-d6	7.040	99	356109	34.001	ng	0.00
23) Nitrobenzene-d5	9.028	82	1011964	91.041	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	555548	147.102	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2056440	87.478	ng	0.00
79) Terphenyl-d14	19.816	244	3311459	93.342	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	9.975	122	930	7.489	ng	# 85
54) 2,4-Dinitrophenol	14.622	184	12	6.649	ng	# 1
56) 4-Nitrophenol	14.740	139	86	3.617	ng	# 89
62) 4-Nitroaniline	15.551	138	35	2.139	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.651	198	5	4.604	ng	# 1

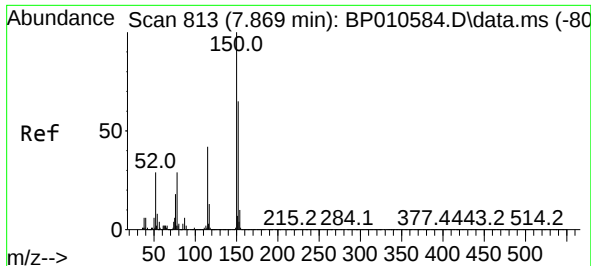
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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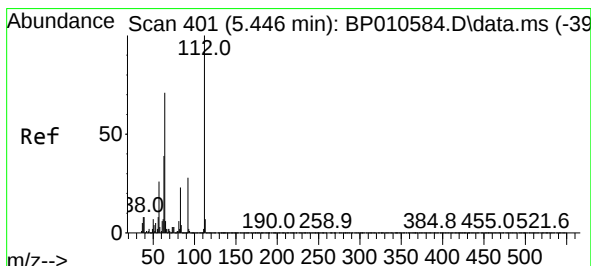
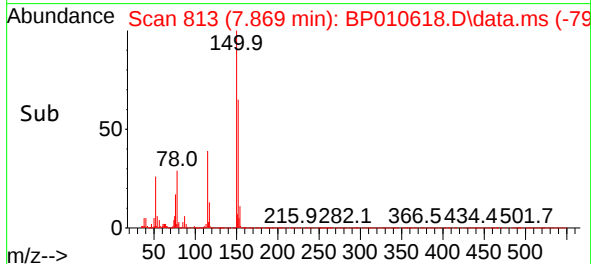
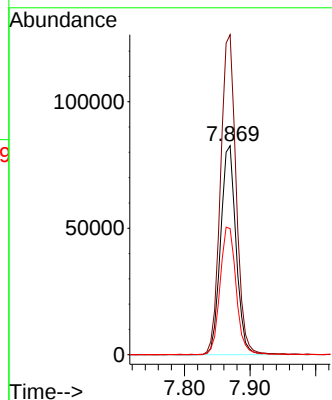
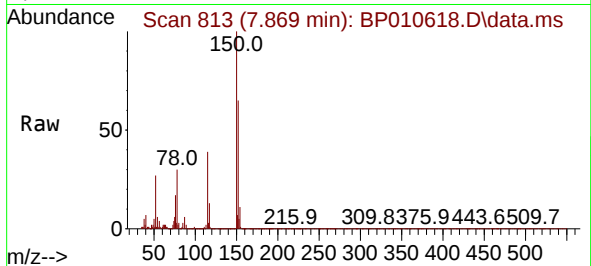




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

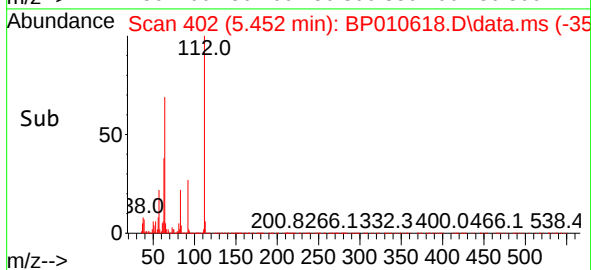
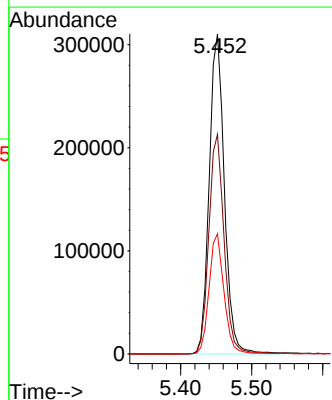
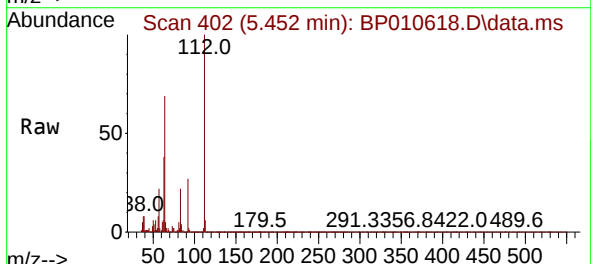
Instrument :
BNA_P
ClientSampleId :
SW-E-E3

Tgt Ion:152 Resp: 134590
Ion Ratio Lower Upper
152 100
150 153.2 123.4 185.2
115 60.4 51.3 76.9



#5
2-Fluorophenol
Concen: 62.487 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

Tgt Ion:112 Resp: 461003
Ion Ratio Lower Upper
112 100
64 68.7 56.9 85.3
63 37.6 31.2 46.8

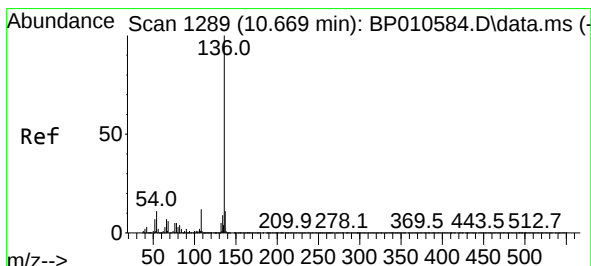
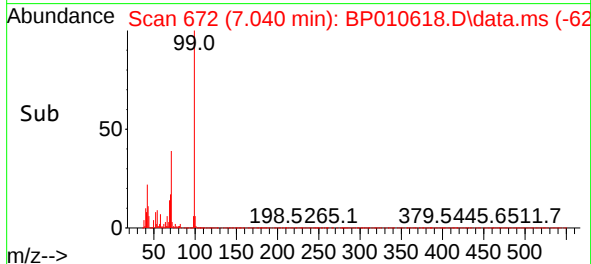
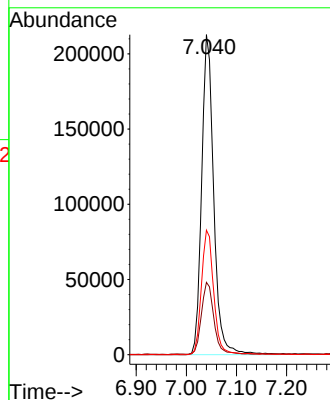
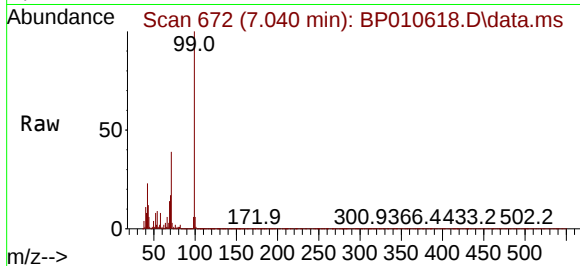




#7
Phenol-d6
Concen: 34.001 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

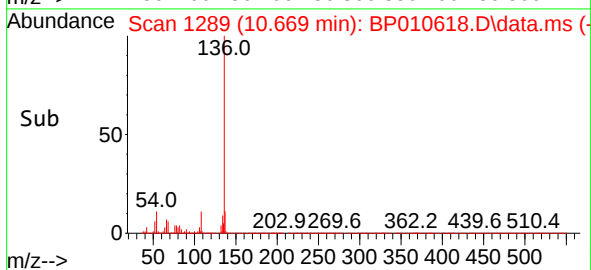
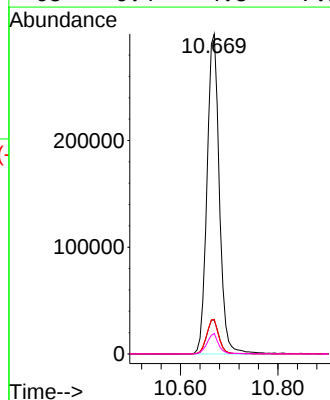
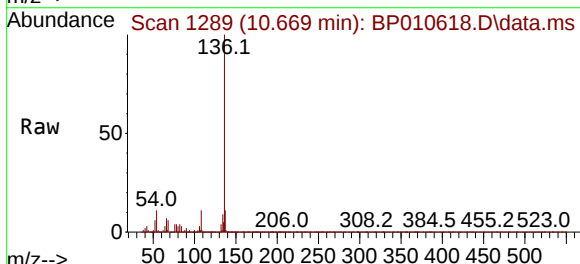
Instrument :
BNA_P
ClientSampleId :
SW-E-E3

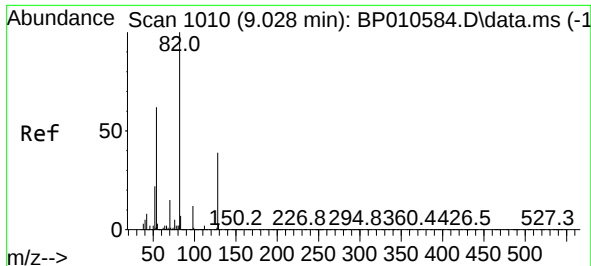
Tgt Ion: 99 Resp: 356109
Ion Ratio Lower Upper
99 100
42 22.6 20.3 30.5
71 38.9 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

Tgt Ion: 136 Resp: 525521
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 10.9 8.7 13.1
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 91.041 ng

RT: 9.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BP010618.D

Acq: 29 May 2022 14:39

Instrument :

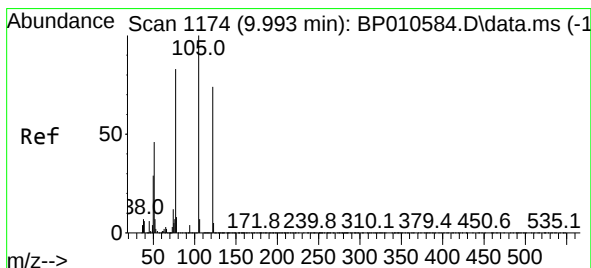
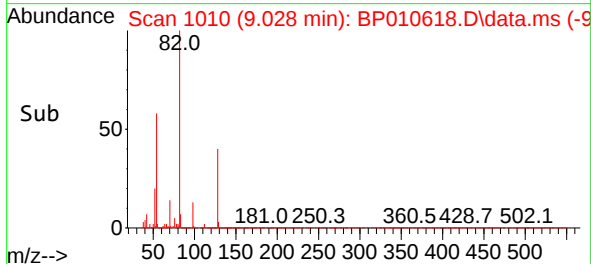
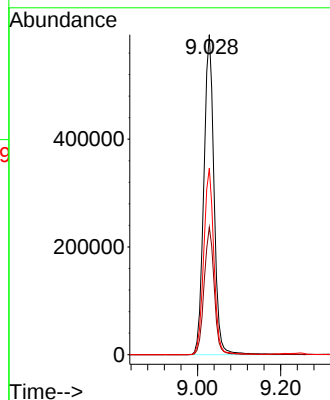
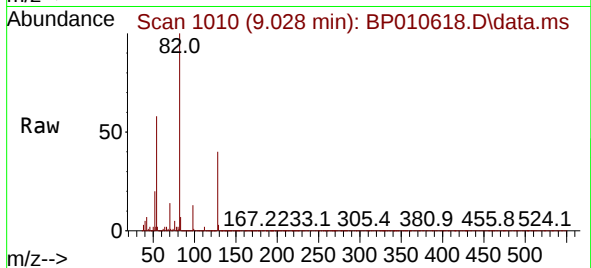
BNA_P

ClientSampleId :

SW-E-E3

Tgt Ion: 82 Resp: 1011964

Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.3	46.9
54	58.2	49.8	74.8



#32

Benzoic acid

Concen: 7.489 ng

RT: 9.975 min Scan# 1171

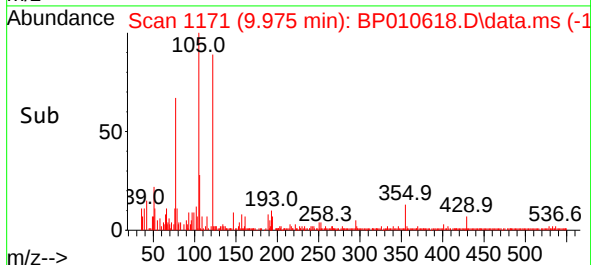
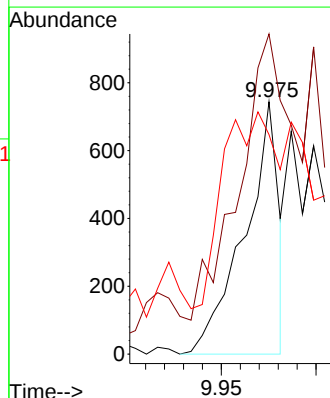
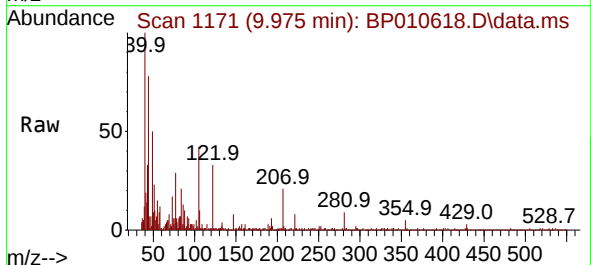
Delta R.T. -0.018 min

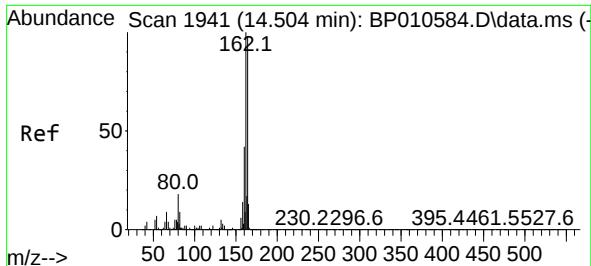
Lab File: BP010618.D

Acq: 29 May 2022 14:39

Tgt Ion: 122 Resp: 930

Ion	Ratio	Lower	Upper
122	100		
105	124.4	112.6	152.6
77	85.2	90.2	130.2

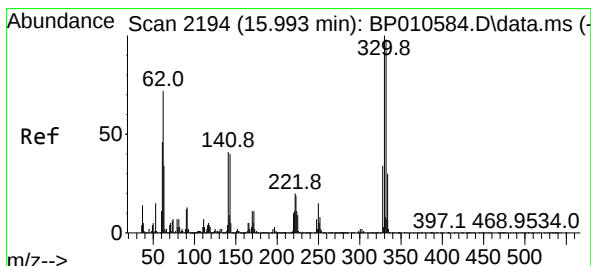
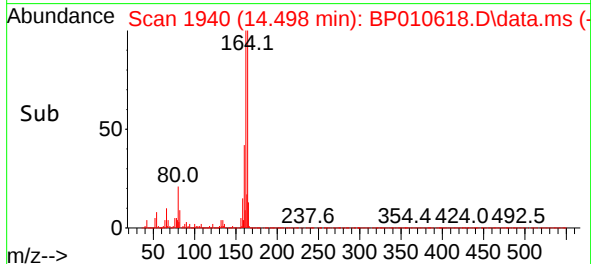
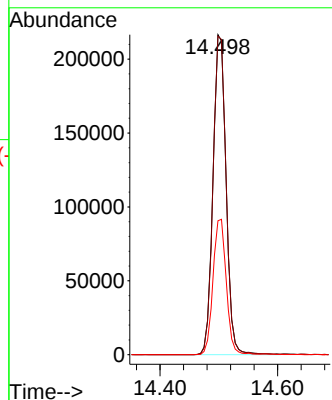
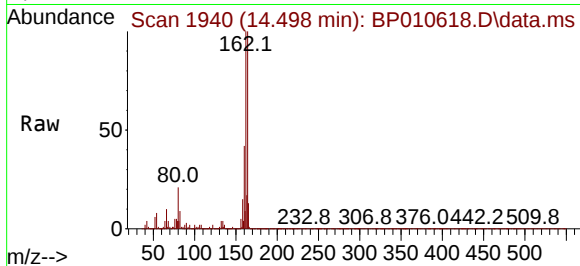




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

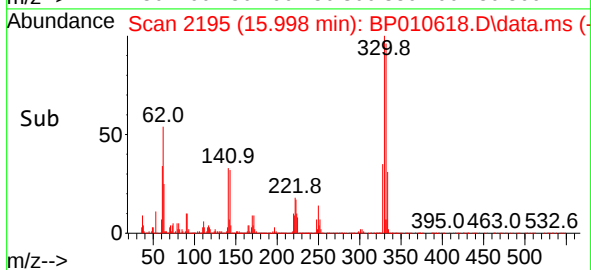
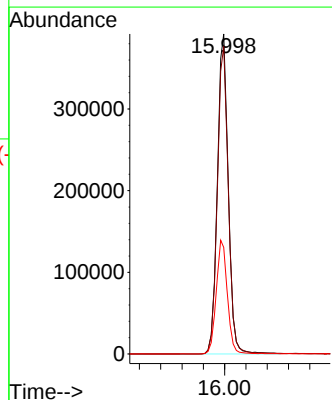
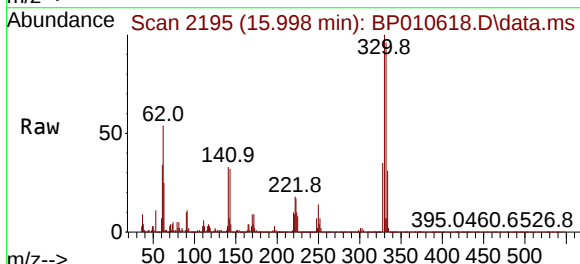
Instrument :
BNA_P
ClientSampleId :
SW-E-E3

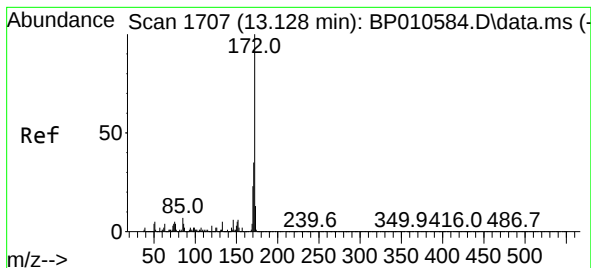
Tgt Ion:164 Resp: 333636
Ion Ratio Lower Upper
164 100
162 99.6 81.9 122.9
160 41.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 147.102 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

Tgt Ion:330 Resp: 555548
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 36.2 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 87.478 ng

RT: 13.128 min Scan# 1707

Delta R.T. -0.000 min

Lab File: BP010618.D

Acq: 29 May 2022 14:39

Instrument :

BNA_P

ClientSampleId :

SW-E-E3

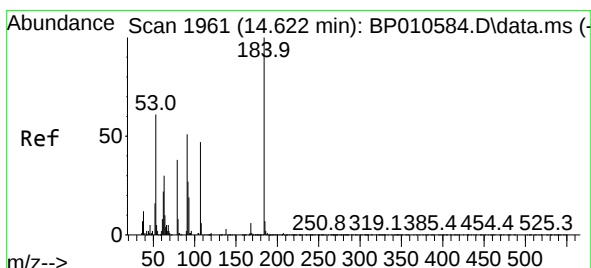
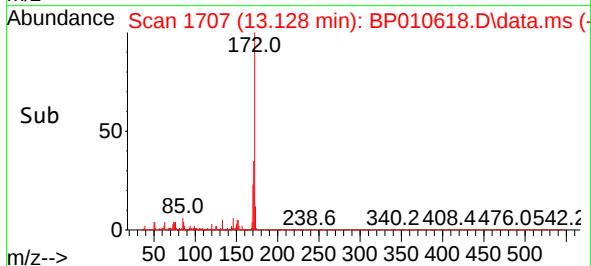
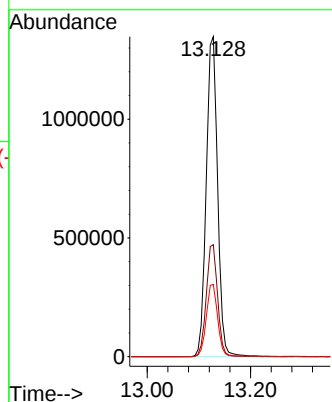
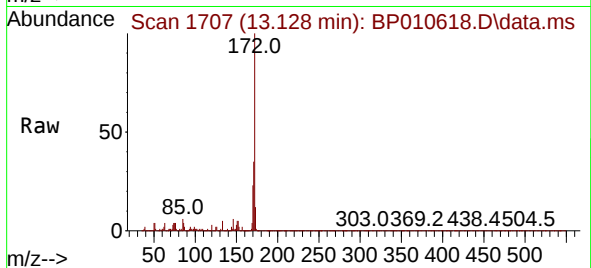
Tgt Ion:172 Resp: 2056440

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 22.6 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.649 ng

RT: 14.622 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BP010618.D

Acq: 29 May 2022 14:39

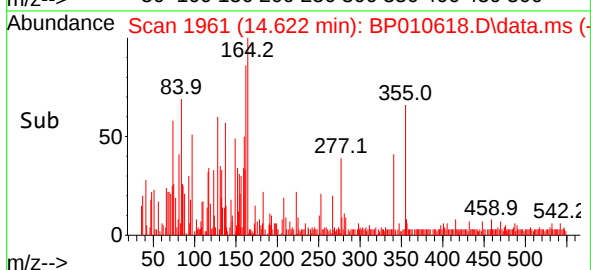
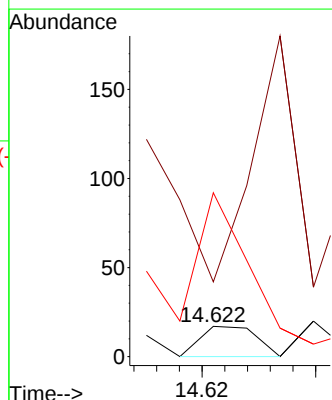
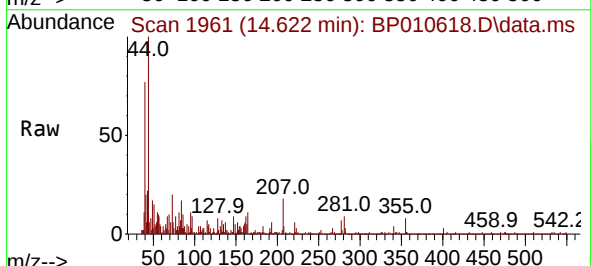
Tgt Ion:184 Resp: 12

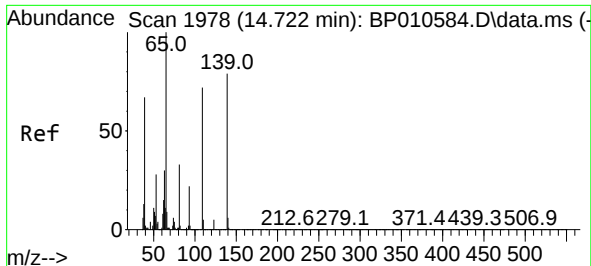
Ion Ratio Lower Upper

184 100

63 247.1 65.4 98.2#

154 541.2 55.4 83.2#

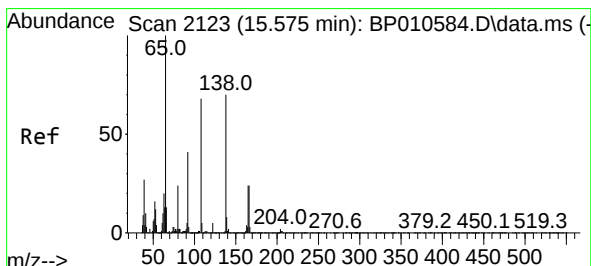
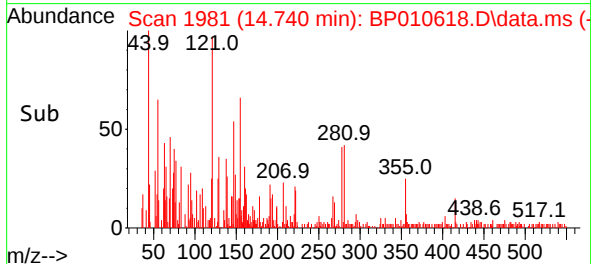
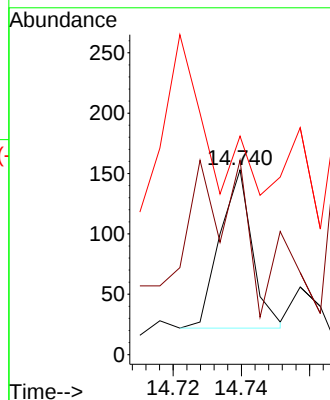
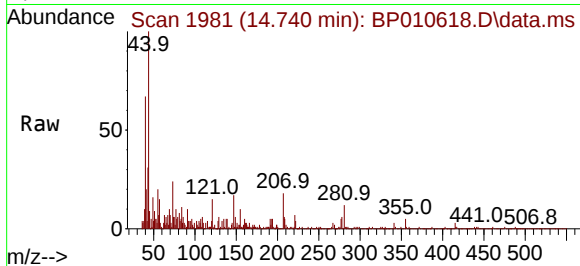




#56
4-Nitrophenol
Concen: 3.617 ng
RT: 14.740 min Scan# 1978
Delta R.T. 0.018 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

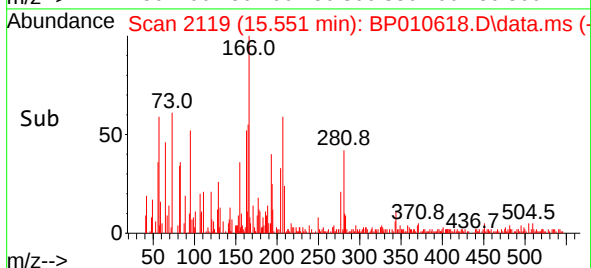
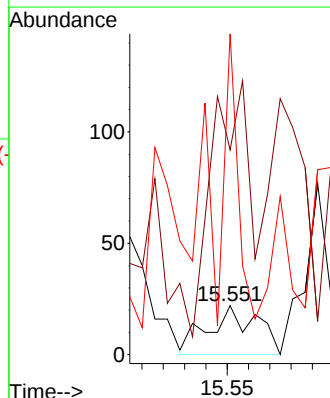
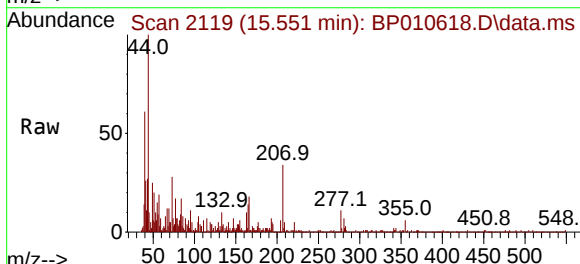
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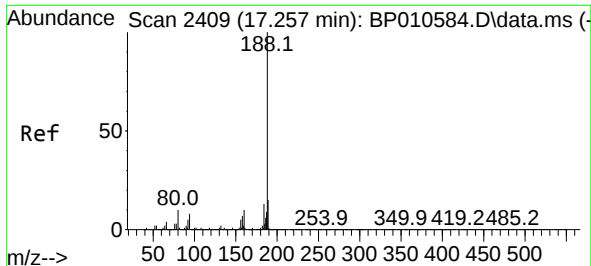
Tgt Ion:139 Resp: 86
Ion Ratio Lower Upper
139 100
109 105.2 70.6 110.6
65 118.3 106.6 146.6



#62
4-Nitroaniline
Concen: 2.139 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.024 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

Tgt Ion:138 Resp: 35
Ion Ratio Lower Upper
138 100
92 418.2 38.0 78.0#
108 654.5 77.6 117.6#

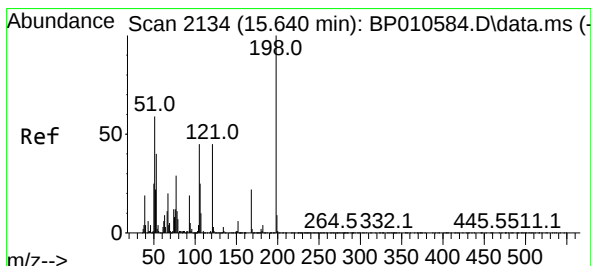
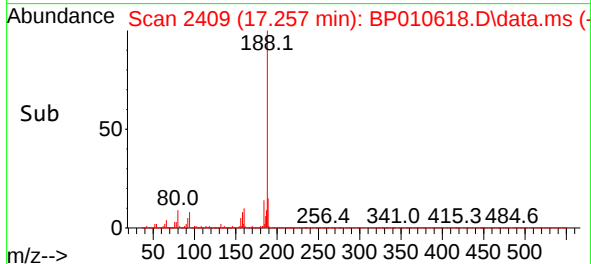
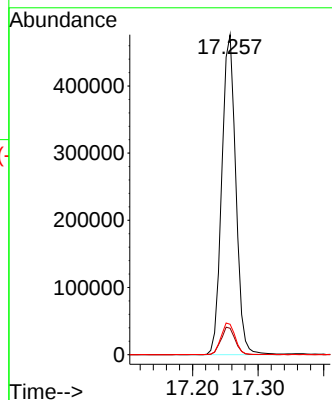
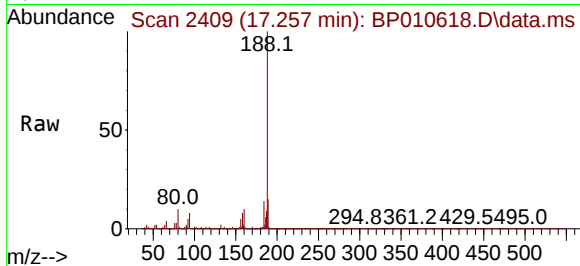




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

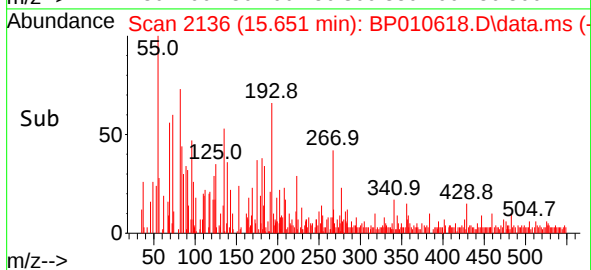
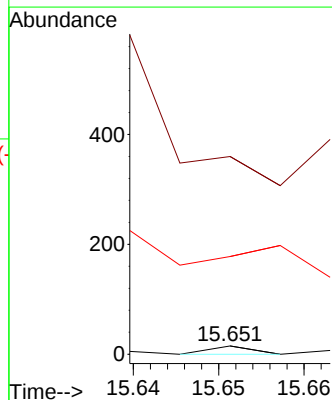
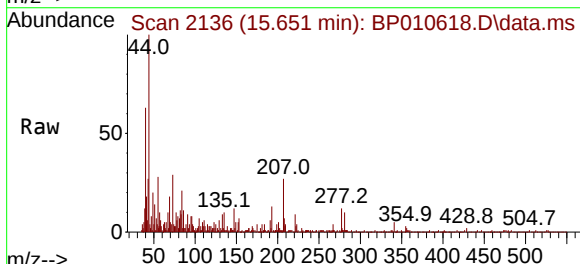
Instrument :
BNA_P
ClientSampleId :
SW-E-E3

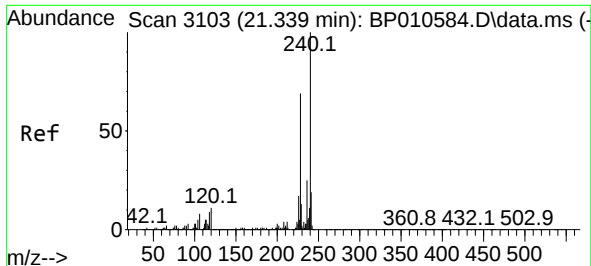
Tgt Ion:188 Resp: 704612
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.604 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.011 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 2400.0 41.2 81.2#
105 1213.3 25.3 65.3#

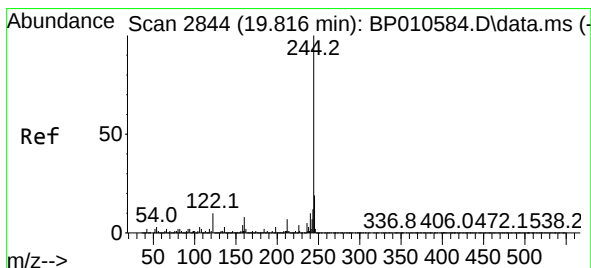
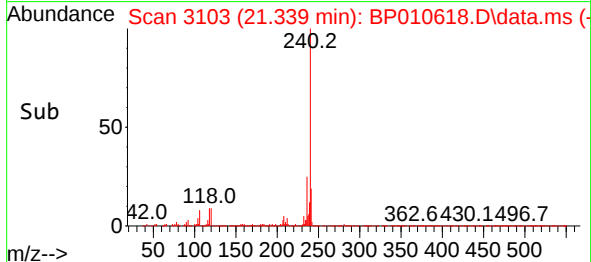
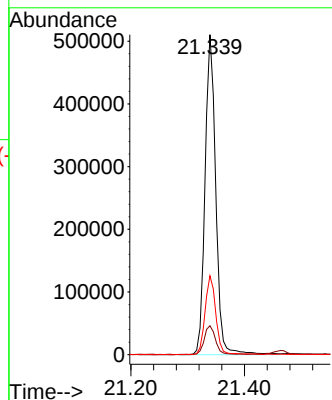
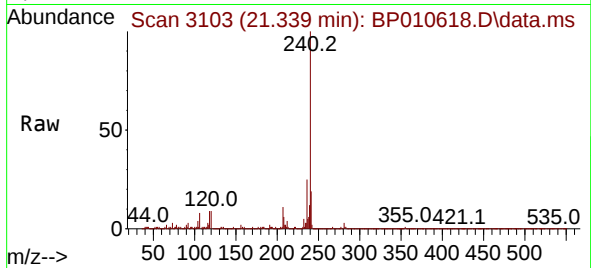




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

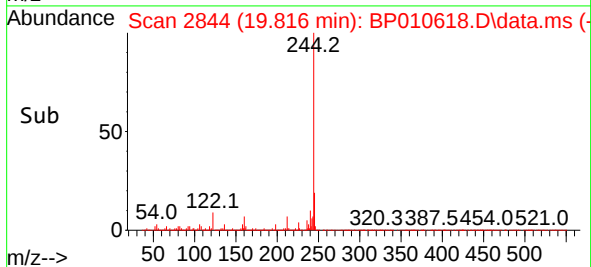
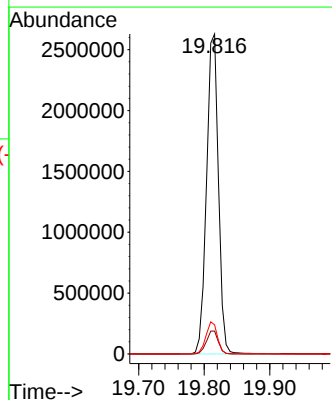
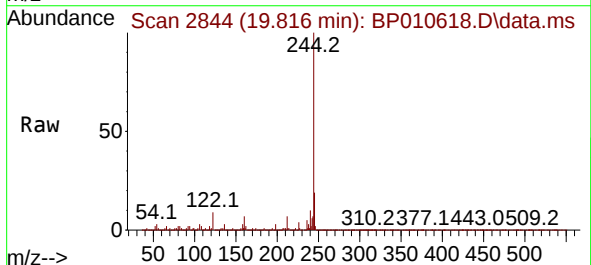
Instrument :
BNA_P
ClientSampleId :
SW-E-E3

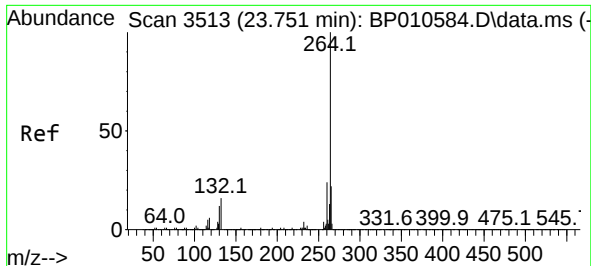
Tgt Ion:240 Resp: 666358
Ion Ratio Lower Upper
240 100
120 9.1 8.6 12.8
236 24.6 19.8 29.6



#79
Terphenyl-d14
Concen: 93.342 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010618.D
Acq: 29 May 2022 14:39

Tgt Ion:244 Resp: 3311459
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.1 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.751 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP010618.D
 Acq: 29 May 2022 14:39

Instrument :
 BNA_P
 ClientSampleId :
 SW-E-E3

Tgt Ion:264 Resp: 669689
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 22.7 18.0 27.0

