

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004084.D
 Acq On : 24 Nov 2020 19:51
 Operator : CG/JU
 Sample : L4829-07DL2 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL2

Quant Time: Nov 24 23:59:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

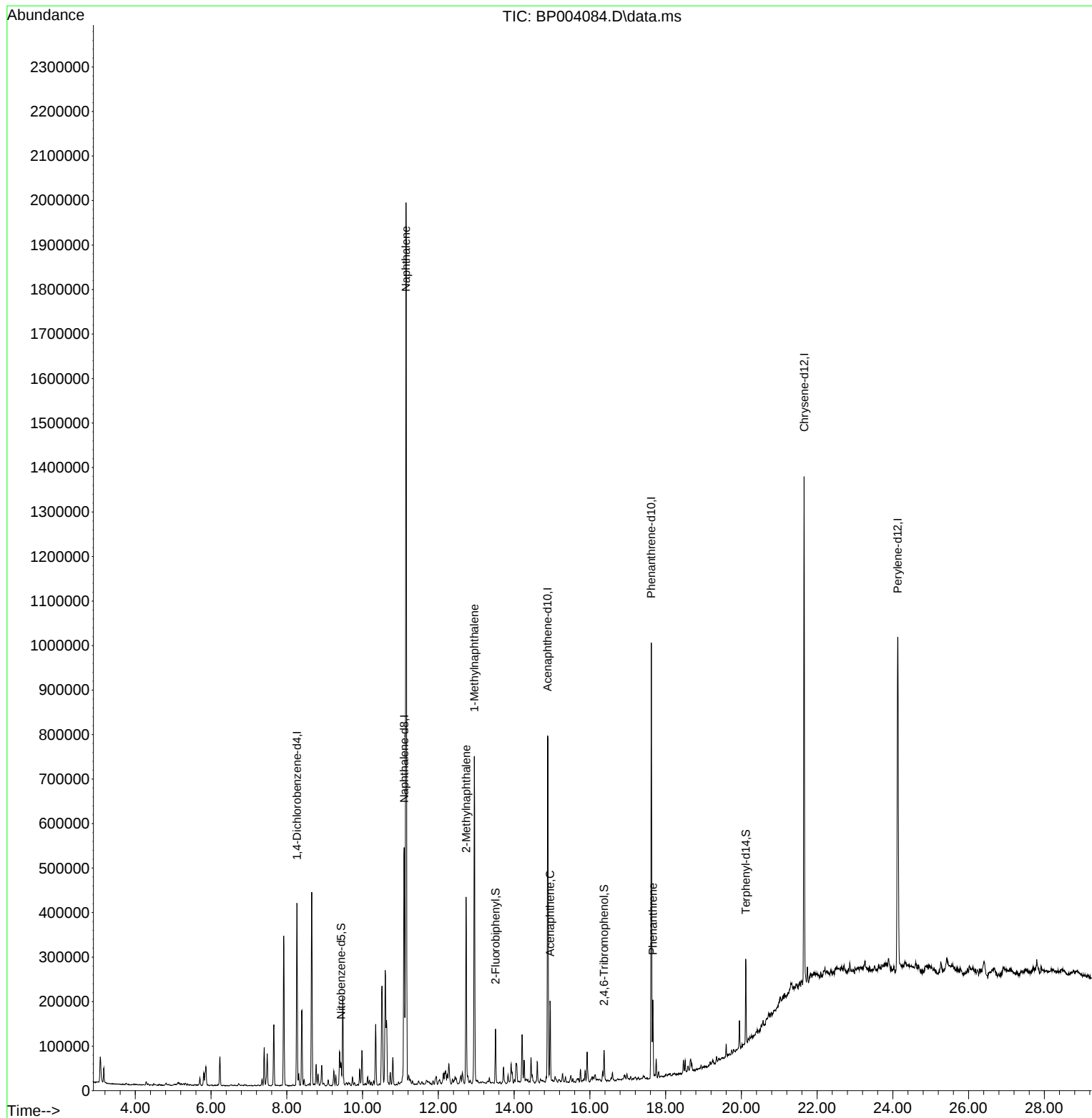
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	112478	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	436307	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	274663	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	586612	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	563724	20.00	ng	0.00
86) Perylene-d12	24.127	264	601961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	12468	1.85	ng	0.00
7) Phenol-d6	7.458	99	9308	0.96	ng	0.00
23) Nitrobenzene-d5	9.434	82	25815	2.90	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	15360	4.47	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	63760	3.25	ng	0.00
79) Terphenyl-d14	20.116	244	78586	2.69	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	11.146	128	1562857	66.75	ng	100
37) 2-Methylnaphthalene	12.734	142	193396	11.54	ng	99
38) 1-Methylnaphthalene	12.951	142	339556	21.25	ng	100
52) Acenaphthene	14.951	154	63797	3.73	ng	99
71) Phenanthrene	17.663	178	101084	3.07	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004084.D
Acq On : 24 Nov 2020 19:51
Operator : CG/JU
Sample : L4829-07DL2 25X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12DL2

Quant Time: Nov 24 23:59:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration

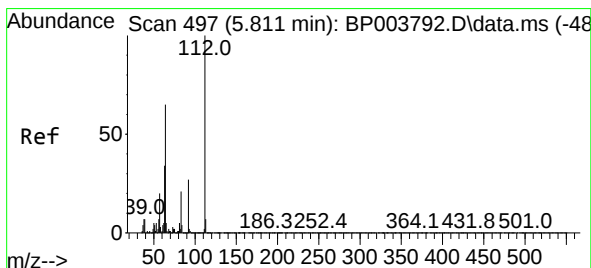
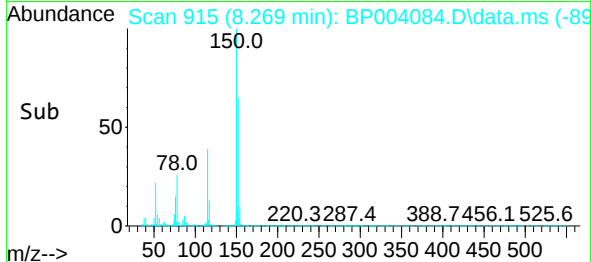
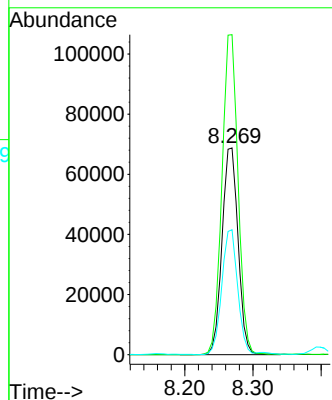
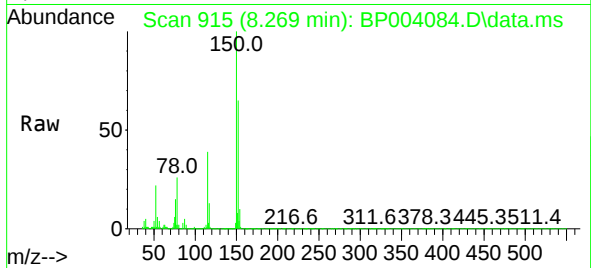




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

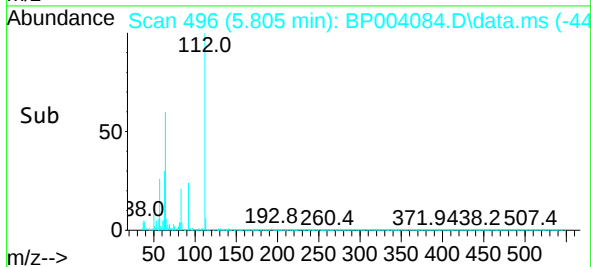
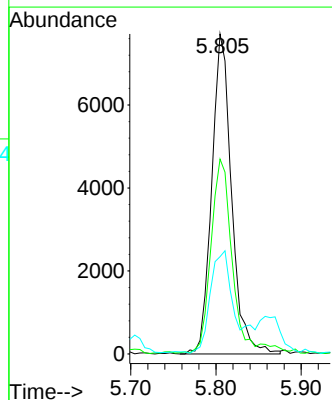
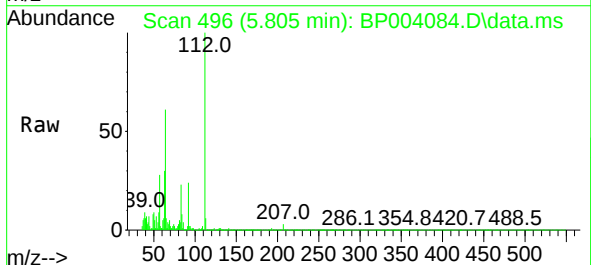
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

Tgt Ion:152 Resp: 112478
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.6
115 60.4 43.8 65.6



#5
2-Fluorophenol
Concen: 1.85 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:112 Resp: 12468
Ion Ratio Lower Upper
112 100
64 60.9 32.8 49.2#
63 30.4 17.0 25.4#

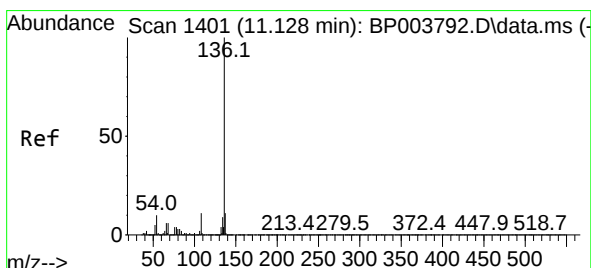
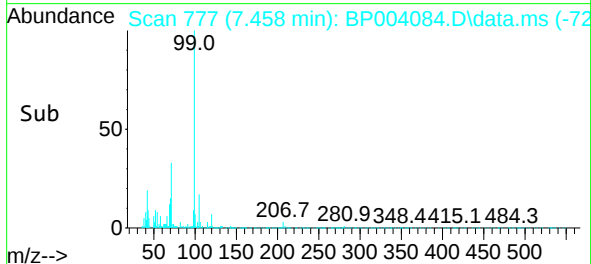
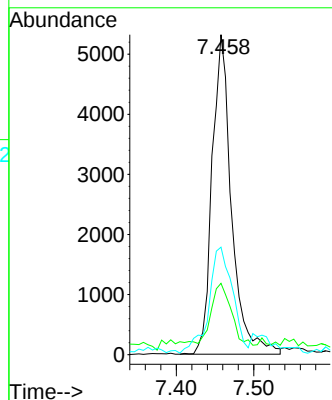
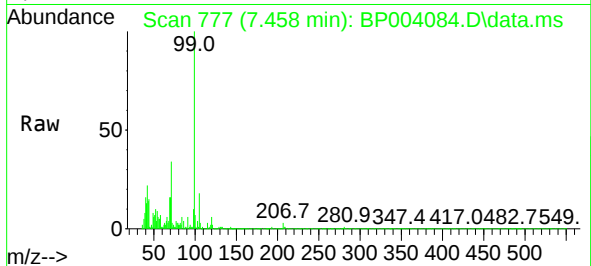




#7
Phenol-d6
Concen: 0.96 ng
RT: 7.458 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

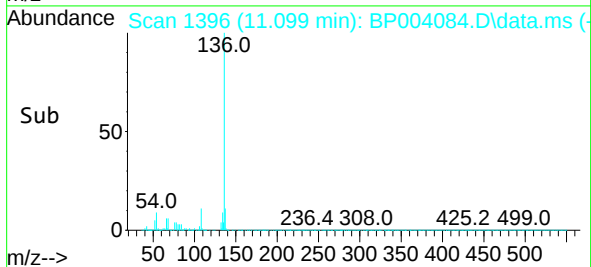
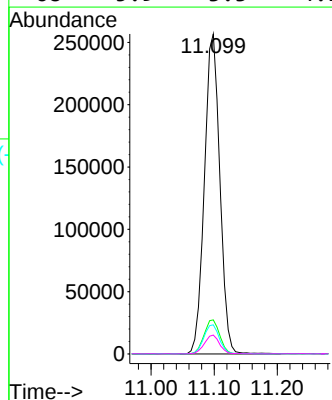
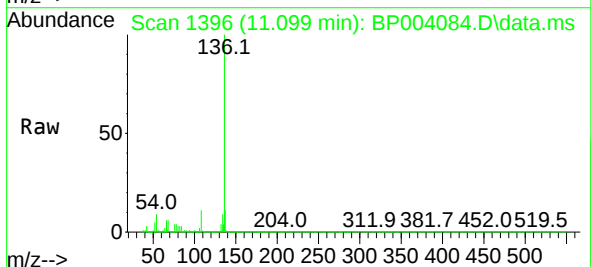
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

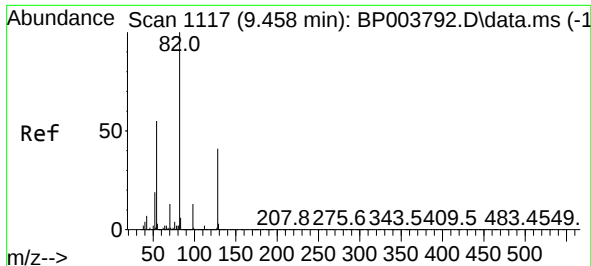
Tgt Ion: 99 Resp: 9308
Ion Ratio Lower Upper
99 100
42 22.3 8.6 13.0#
71 33.6 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:136 Resp: 436307
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.1 3.6 5.4#
68 5.9 3.3 4.9#

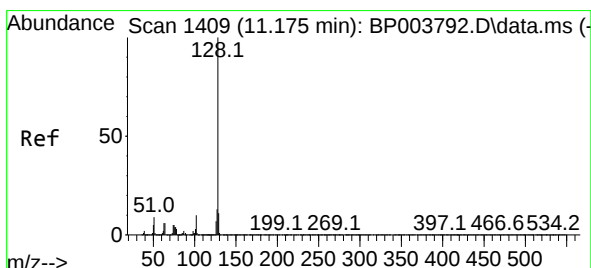
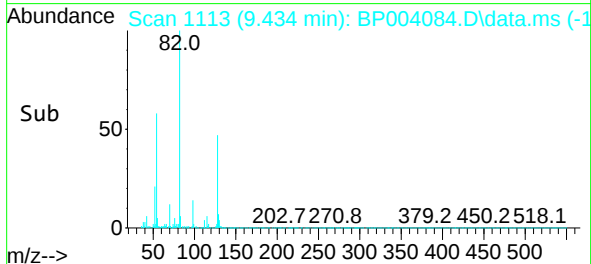
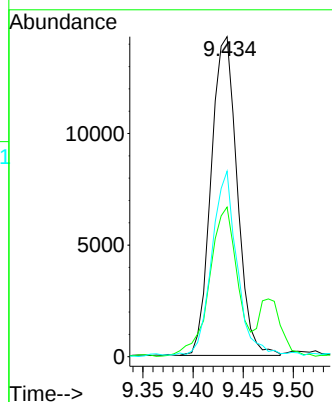
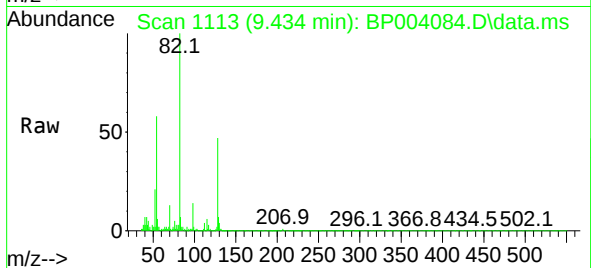




#23
Nitrobenzene-d5
Concen: 2.90 ng
RT: 9.434 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

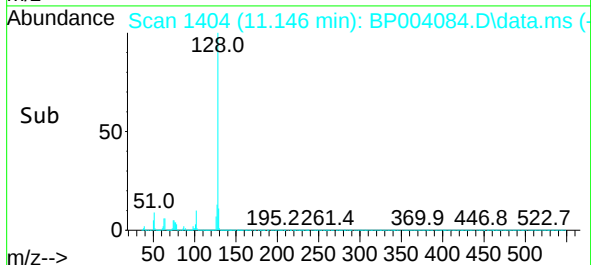
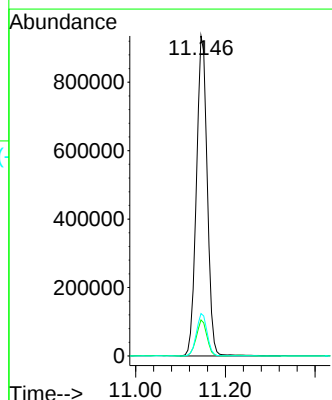
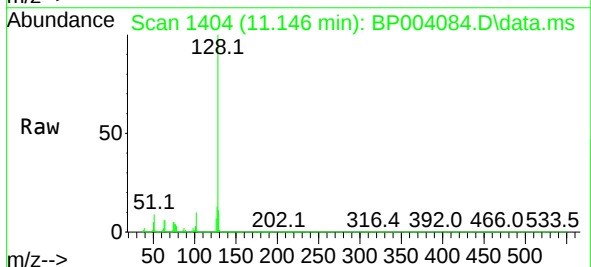
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

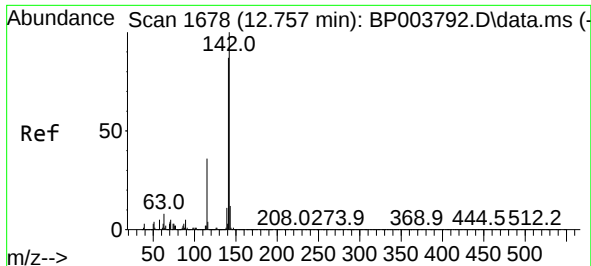
Tgt Ion: 82 Resp: 25815
Ion Ratio Lower Upper
82 100
128 46.7 45.6 68.4
54 57.9 30.1 45.1#



#31
Naphthalene
Concen: 66.75 ng
RT: 11.146 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion: 128 Resp: 1562857
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.6 15.8

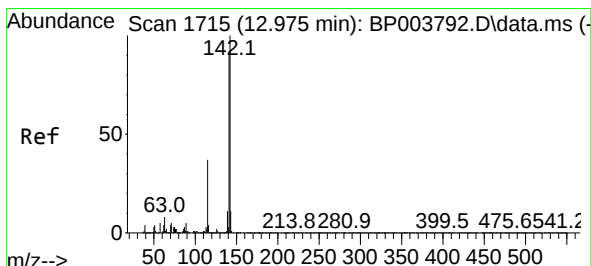
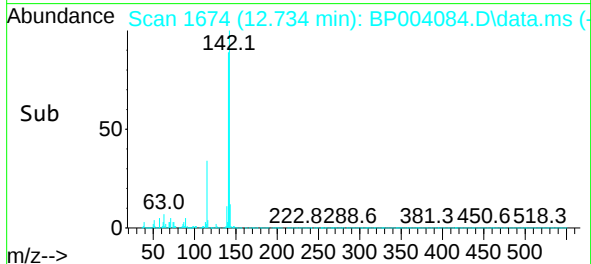
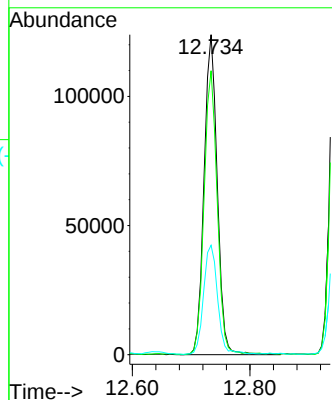
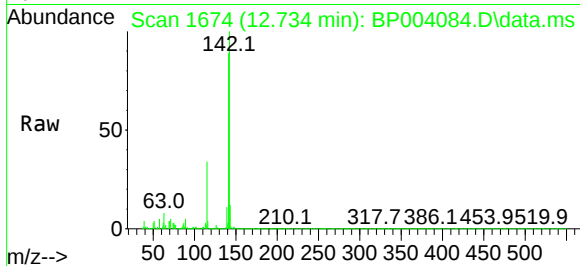




#37
2-Methylnaphthalene
Concen: 11.54 ng
RT: 12.734 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

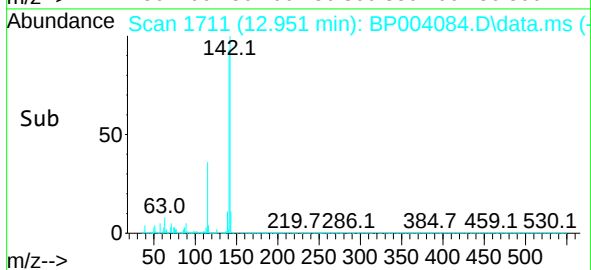
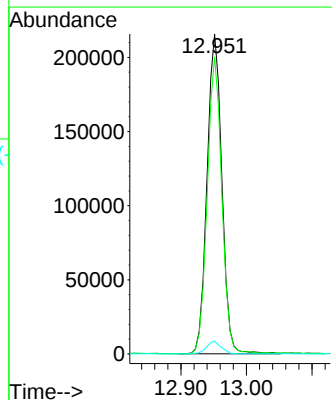
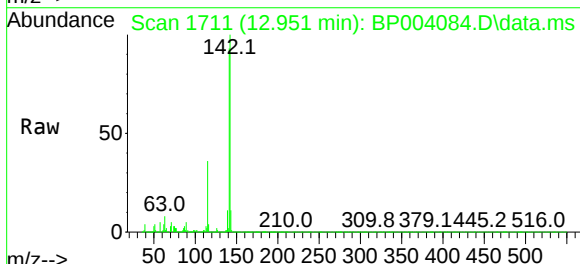
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

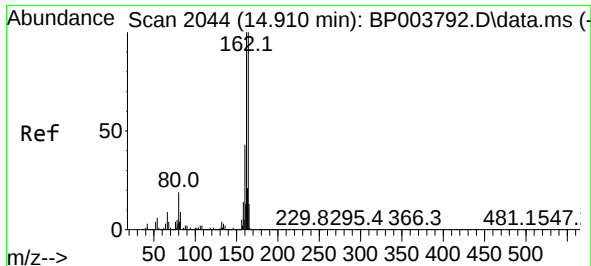
Tgt Ion:142 Resp: 193396
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 34.2 25.8 38.6



#38
1-Methylnaphthalene
Concen: 21.25 ng
RT: 12.951 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:142 Resp: 339556
Ion Ratio Lower Upper
142 100
141 92.7 74.4 111.6
116 4.1 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.887 min Scan# 2040

Delta R.T. -0.006 min

Lab File: BP004084.D

Acq: 24 Nov 2020 19:51

Instrument :

BNA_P

ClientSampleId :

MW-12DL2

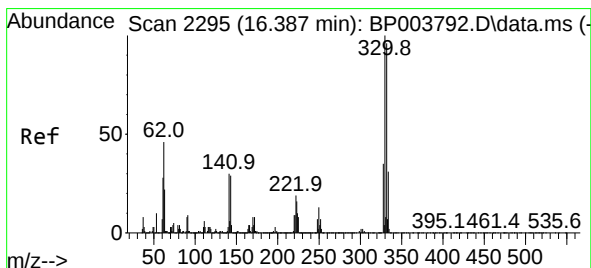
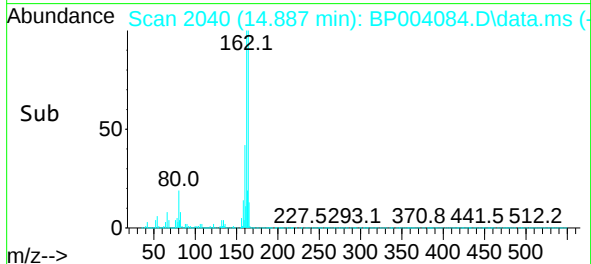
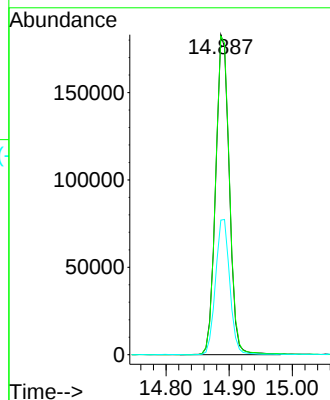
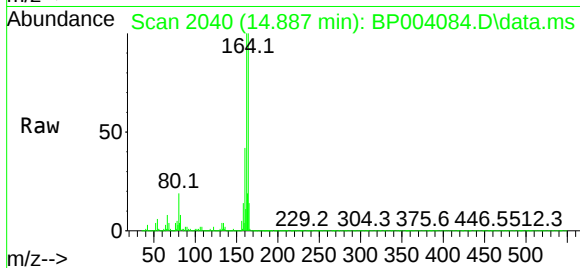
Tgt Ion:164 Resp: 274663

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.2

160 42.0 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 4.47 ng

RT: 16.375 min Scan# 2293

Delta R.T. 0.000 min

Lab File: BP004084.D

Acq: 24 Nov 2020 19:51

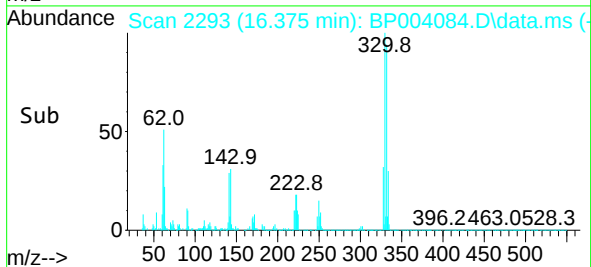
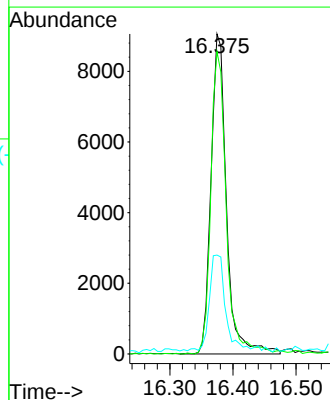
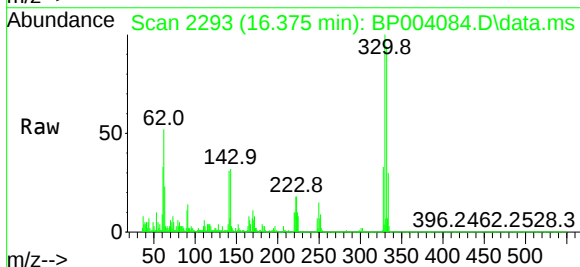
Tgt Ion:330 Resp: 15360

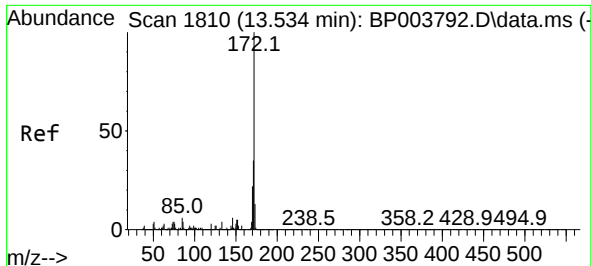
Ion Ratio Lower Upper

330 100

332 94.0 77.1 115.7

141 31.0 23.4 35.2

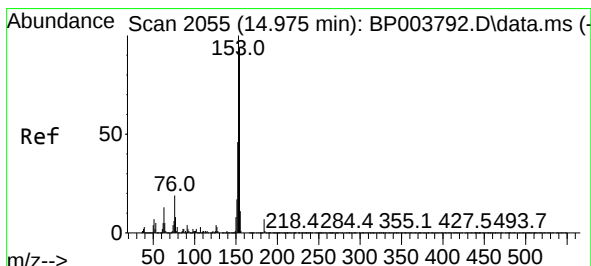
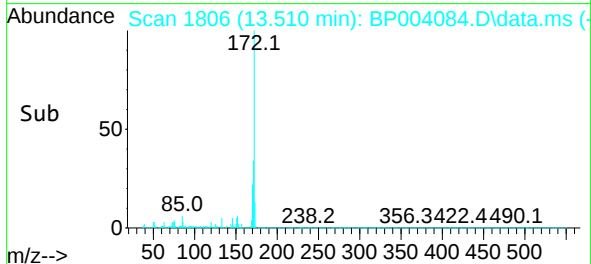
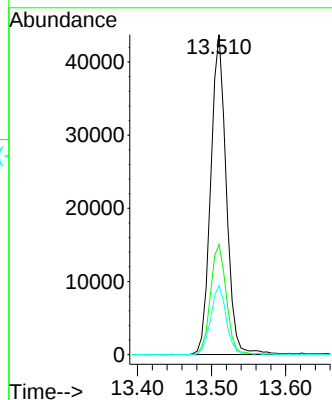
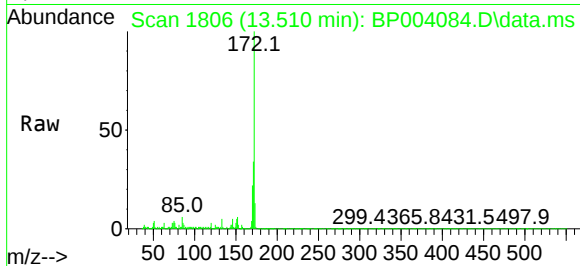




#45
2-Fluorobiphenyl
Concen: 3.25 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

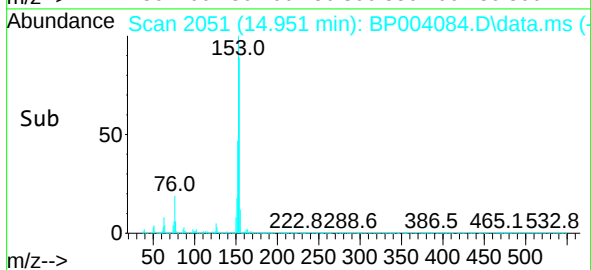
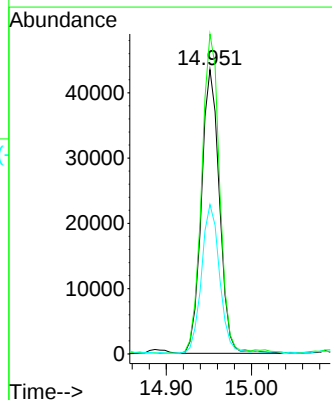
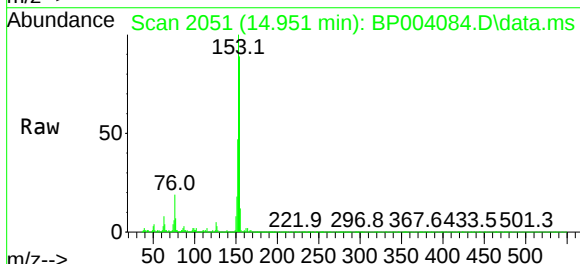
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

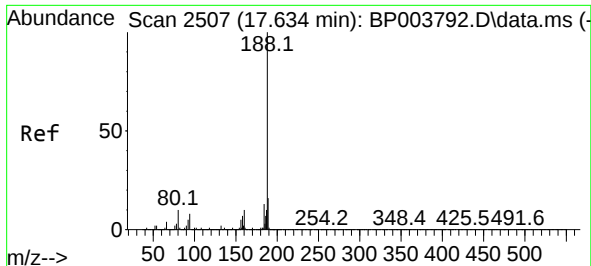
Tgt Ion:	172	Resp:	63760
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.5	42.7
170	21.6	19.2	28.8



#52
Acenaphthene
Concen: 3.73 ng
RT: 14.951 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:	154	Resp:	63797
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.0	136.6
152	52.6	43.0	64.6

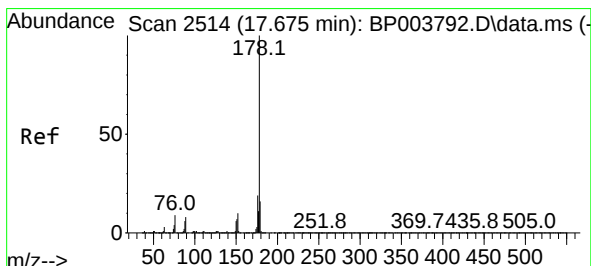
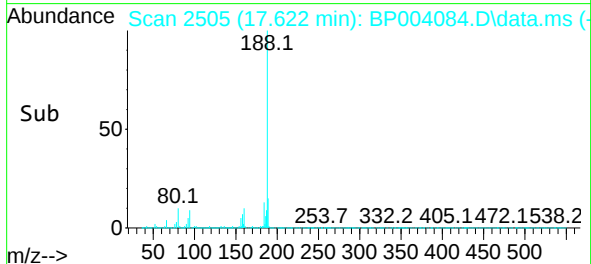
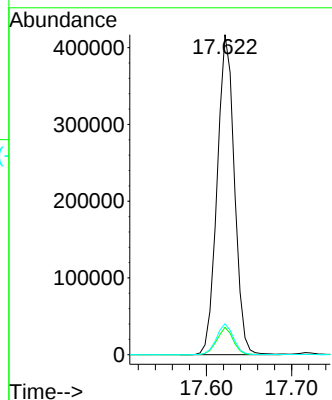
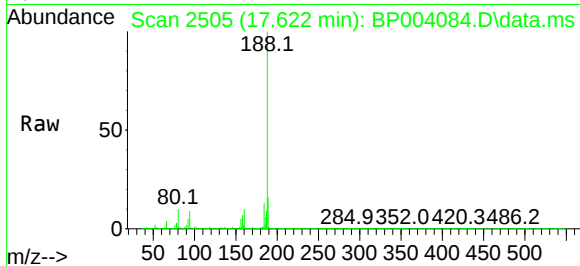




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

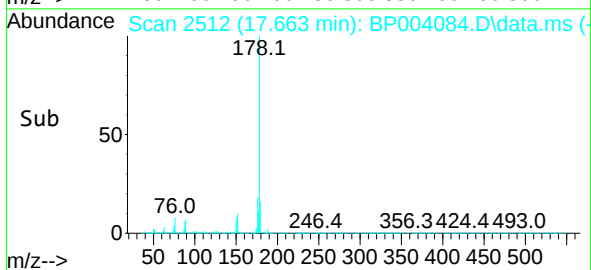
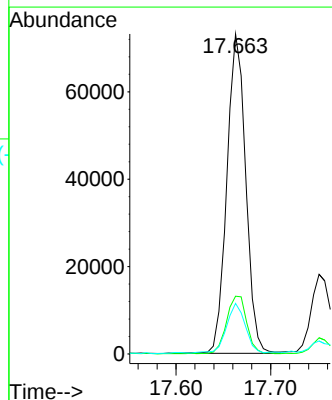
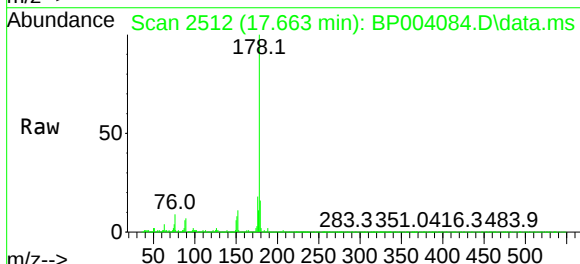
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

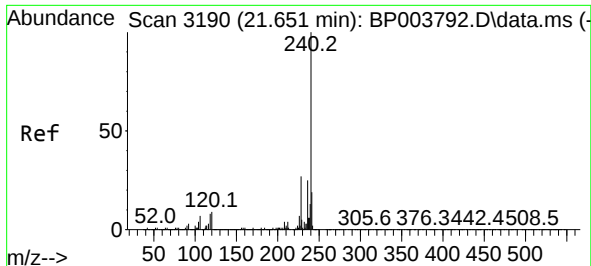
Tgt Ion:188 Resp: 586612
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 9.7 6.2 9.2#



#71
Phenanthrene
Concen: 3.07 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:178 Resp: 101084
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.8 12.5 18.7

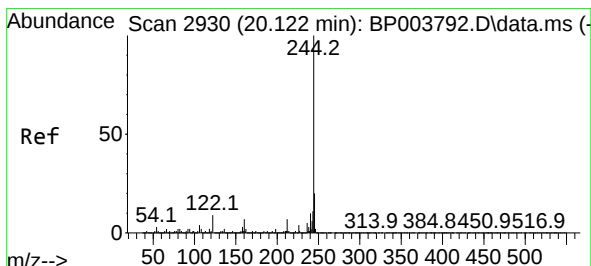
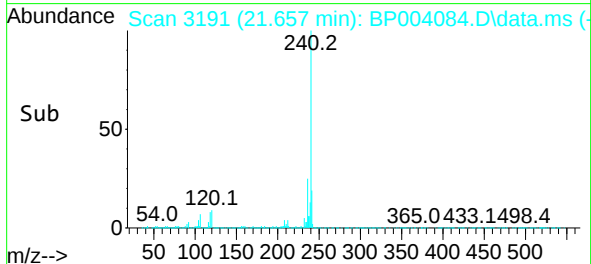
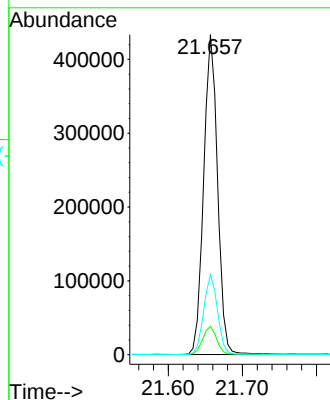
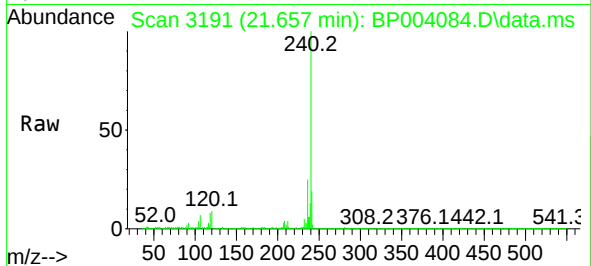




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

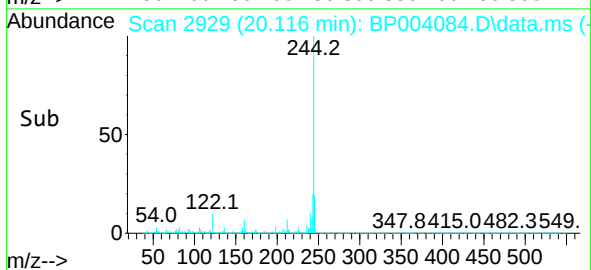
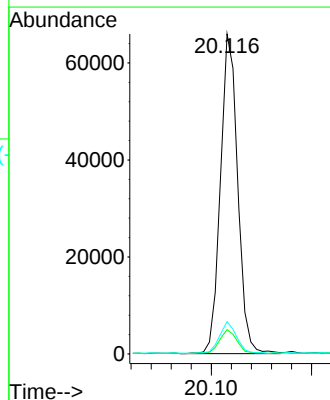
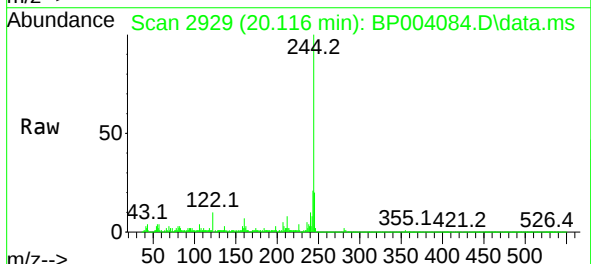
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

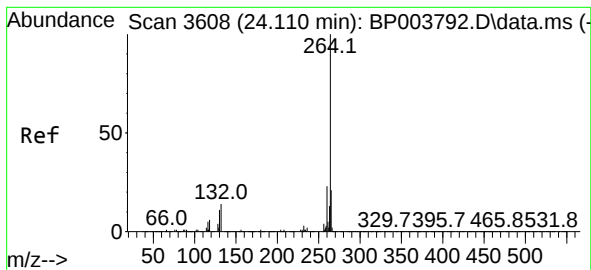
Tgt Ion:	240	Resp:	563724
Ion Ratio	Lower	Upper	
240	100		
120	8.9	7.8	11.6
236	25.1	20.8	31.2



#79
Terphenyl-d14
Concen: 2.69 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:	244	Resp:	78586
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.6
122	10.1	7.8	11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.127 min Scan# 3611
 Delta R.T. 0.000 min
 Lab File: BP004084.D
 Acq: 24 Nov 2020 19:51

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL2

Tgt Ion:	264	Resp:	601961
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	22.0	17.4	26.2

