

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006704.D
 Acq On : 17 Aug 2021 03:10
 Operator : CG/JU
 Sample : M3425-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 21N

Quant Time: Aug 17 04:26:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

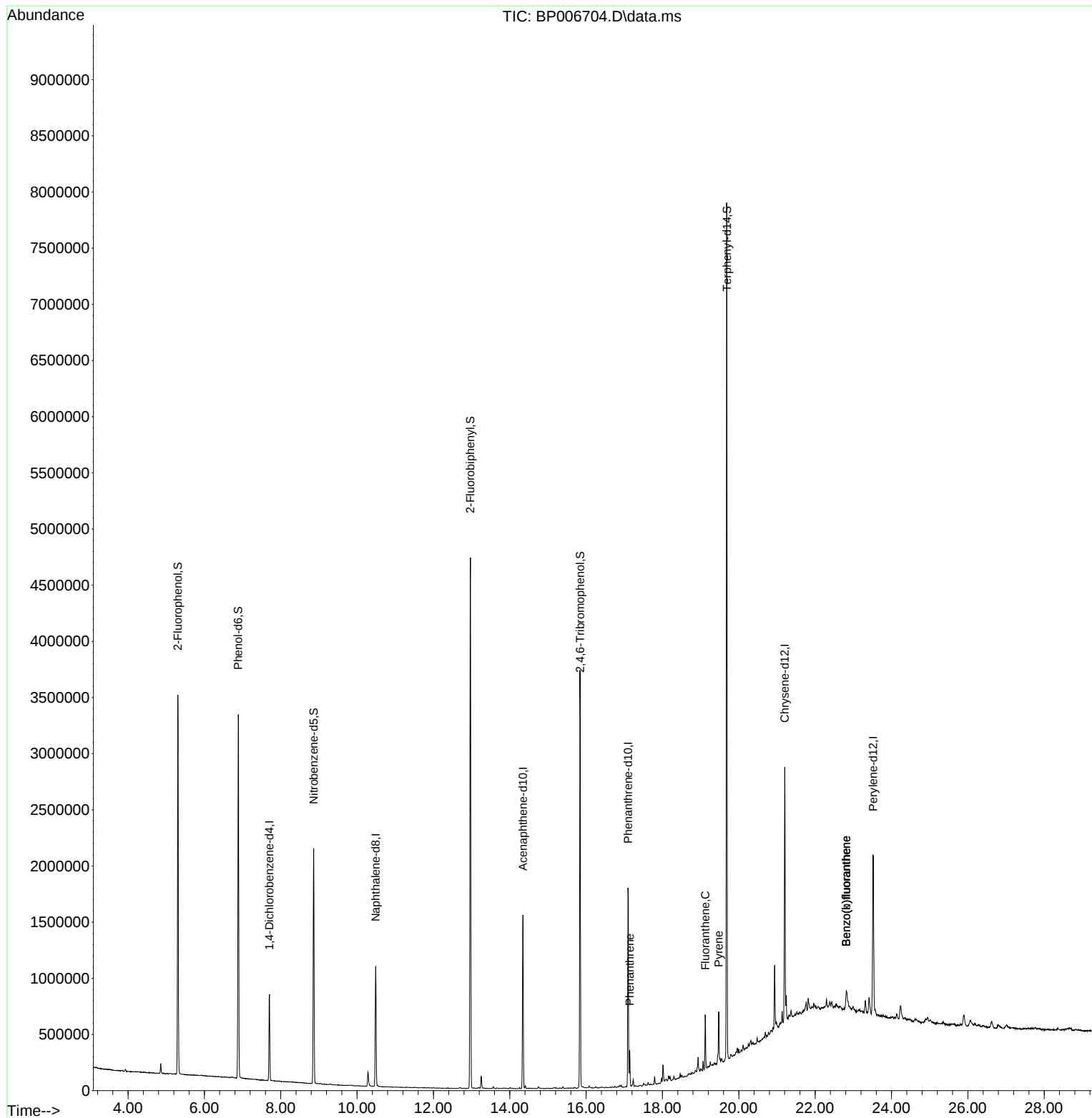
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	195502	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	827756	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	463029	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	922701	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	891635	20.000	ng	# 0.00
86) Perylene-d12	23.521	264	949596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1374923	108.019	ng	0.00
7) Phenol-d6	6.887	99	1789325	98.961	ng	0.00
23) Nitrobenzene-d5	8.863	82	1230535	68.617	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	522323	107.937	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	2176712	70.333	ng	0.00
79) Terphenyl-d14	19.686	244	3151154	70.816	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.139	178	169219	3.251	ng	99
75) Fluoranthene	19.122	202	239467	4.099	ng	94
78) Pyrene	19.475	202	230767	3.875	ng	99
88) Benzo(b)fluoranthene	22.816	252	139113	2.254	ng	# 89
89) Benzo(k)fluoranthene	22.816	252	139113	2.348	ng	# 89

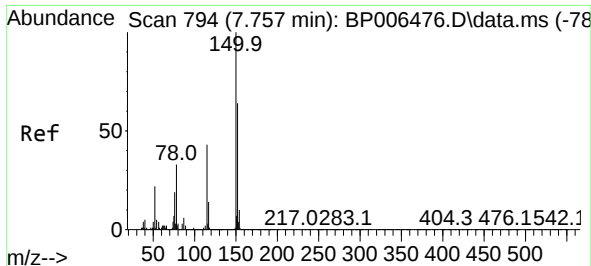
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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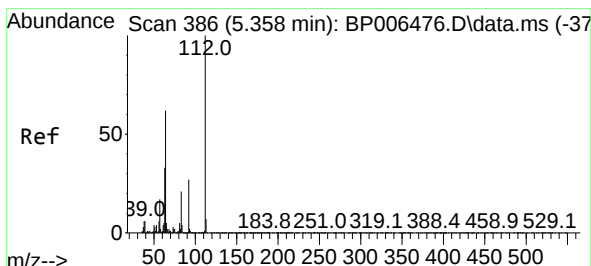
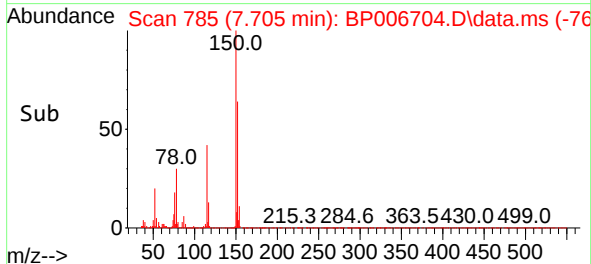
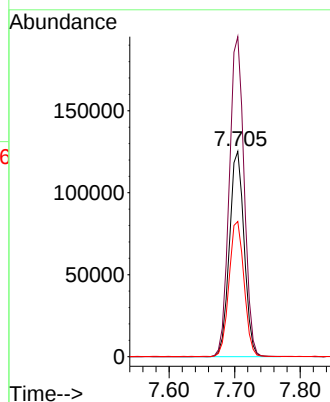
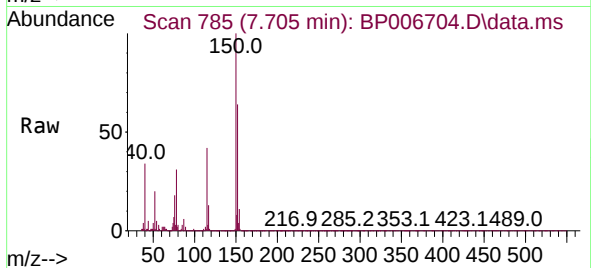




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

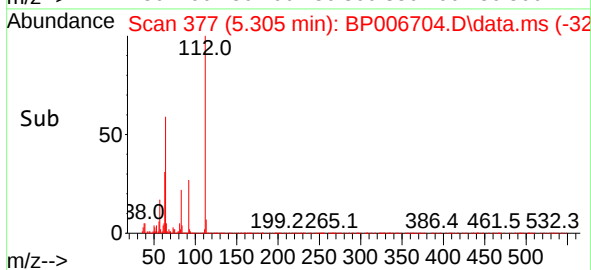
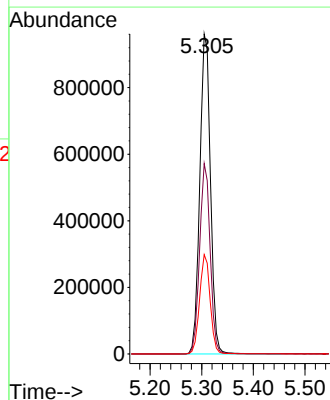
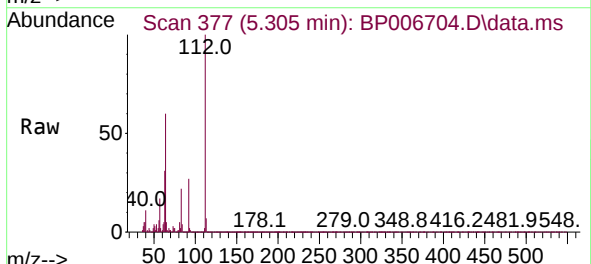
Instrument :
BNA_P
ClientSampled :
21N

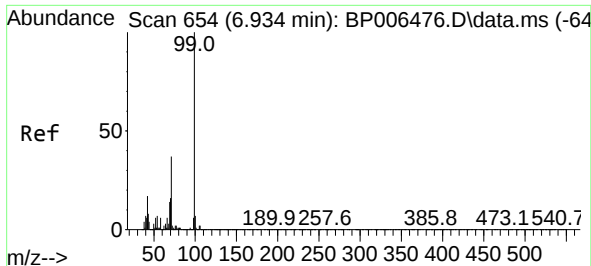
Tgt Ion:152 Resp: 195502
Ion Ratio Lower Upper
152 100
150 155.9 125.6 188.4
115 65.9 48.5 72.7



#5
2-Fluorophenol
Concen: 108.019 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

Tgt Ion:112 Resp: 1374923
Ion Ratio Lower Upper
112 100
64 59.5 41.4 62.2
63 31.0 23.8 35.8

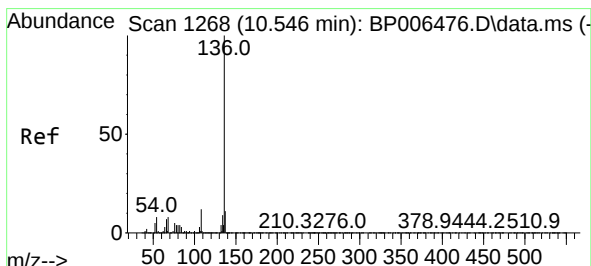
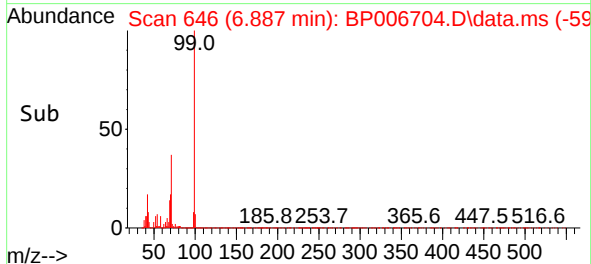
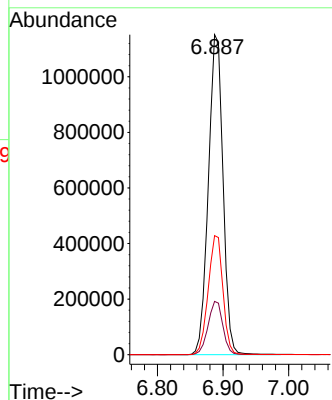
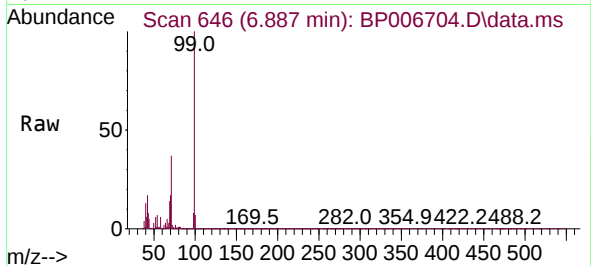




#7
Phenol-d6
Concen: 98.961 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

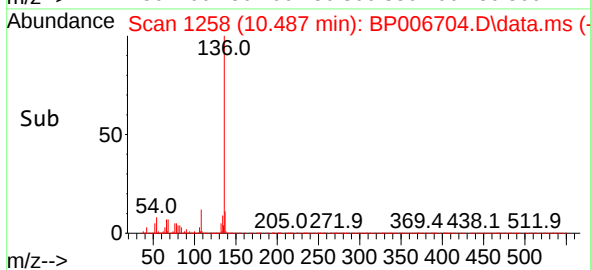
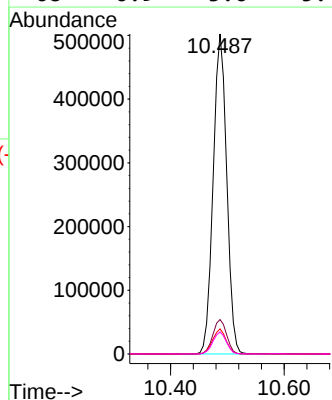
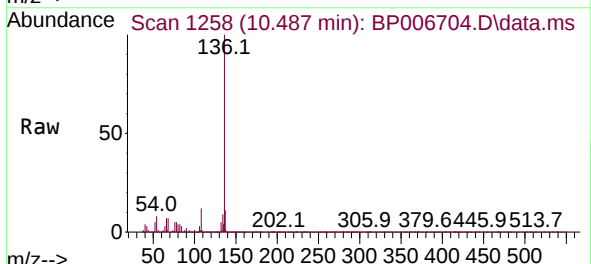
Instrument :
BNA_P
ClientSampled :
21N

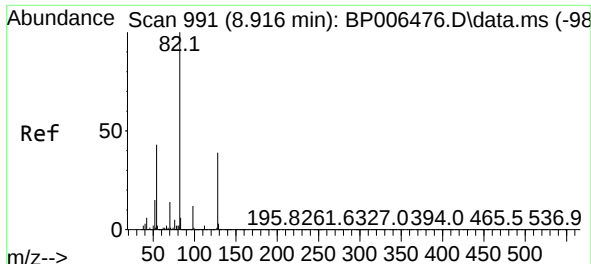
Tgt Ion: 99 Resp: 1789325
Ion Ratio Lower Upper
99 100
42 16.7 13.4 20.0
71 37.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

Tgt Ion: 136 Resp: 827756
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.9 4.6 6.8#
68 6.9 3.6 5.4#

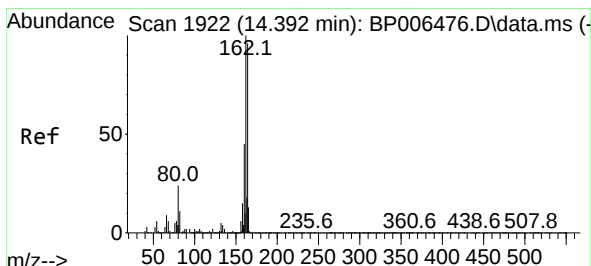
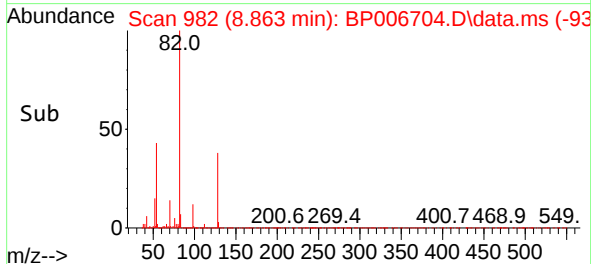
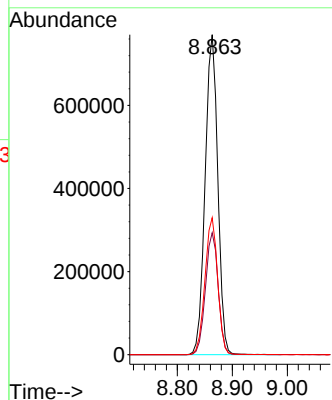
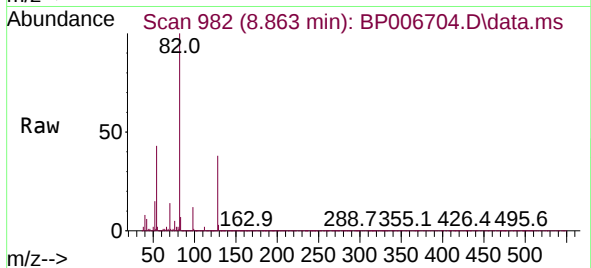




#23
Nitrobenzene-d5
Concen: 68.617 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

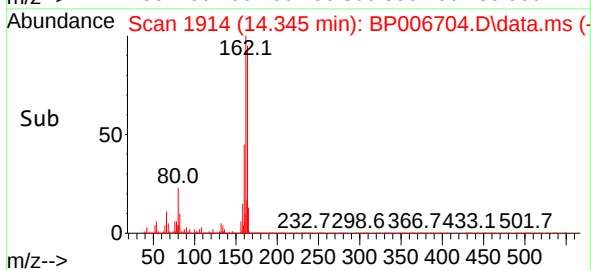
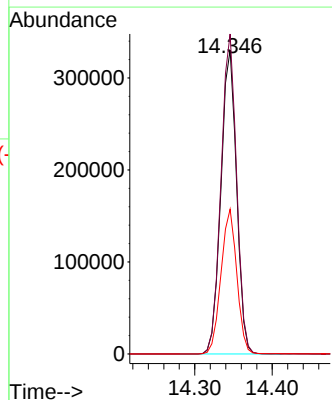
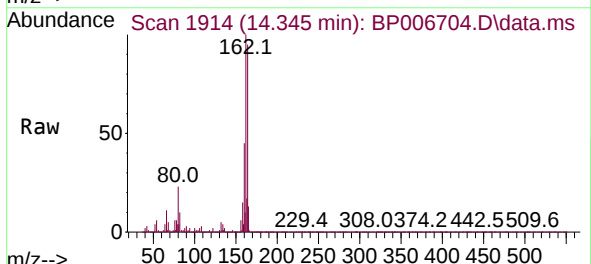
Instrument :
BNA_P
ClientSampled :
21N

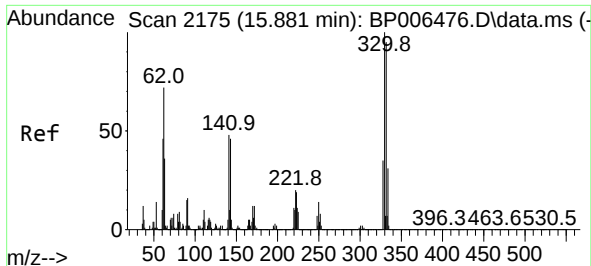
Tgt Ion: 82 Resp: 1230535
Ion Ratio Lower Upper
82 100
128 38.1 35.7 53.5
54 42.8 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

Tgt Ion: 164 Resp: 463029
Ion Ratio Lower Upper
164 100
162 105.3 80.2 120.2
160 47.6 34.5 51.7

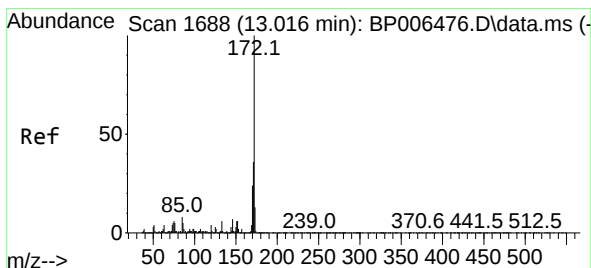
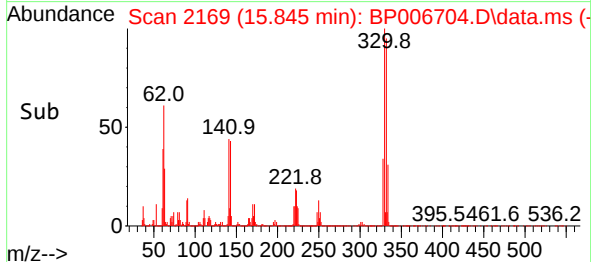
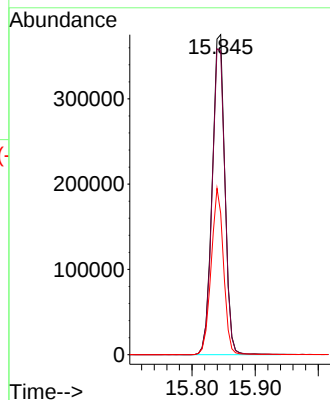
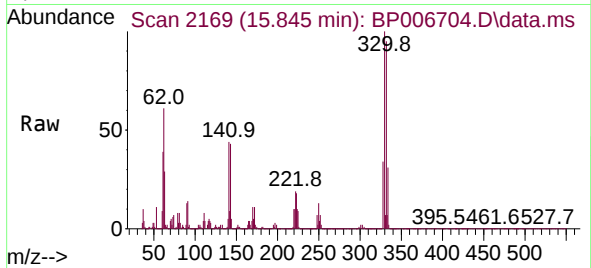




#42
2,4,6-Tribromophenol
Concen: 107.937 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

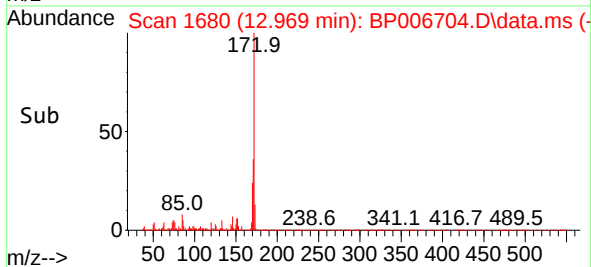
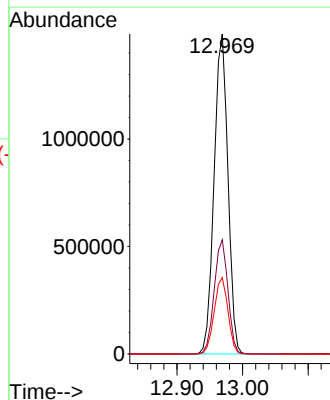
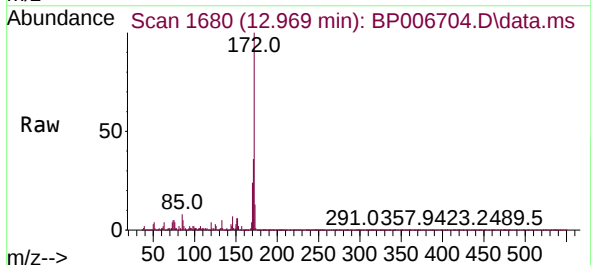
Instrument :
BNA_P
ClientSampled :
21N

Tgt Ion:330 Resp: 522323
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 50.5 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 70.333 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

Tgt Ion:172 Resp: 2176712
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.8 18.6 27.8

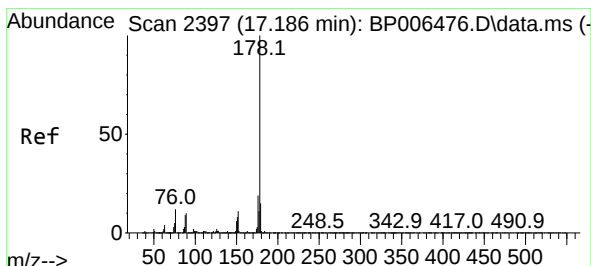
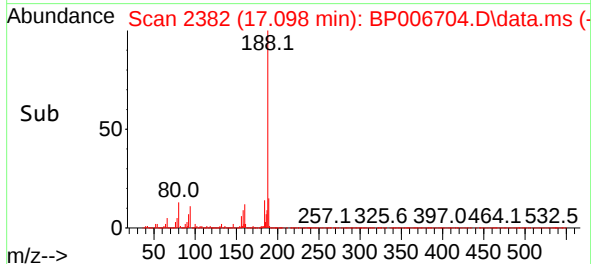
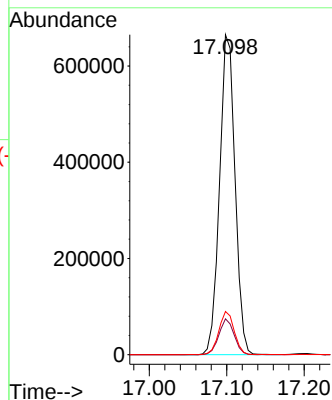
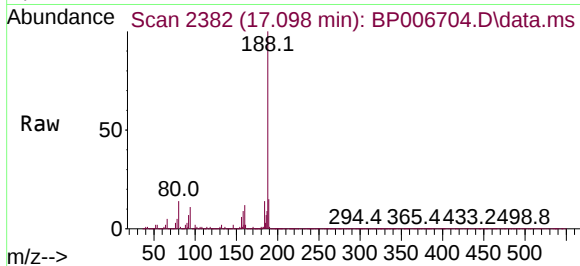




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

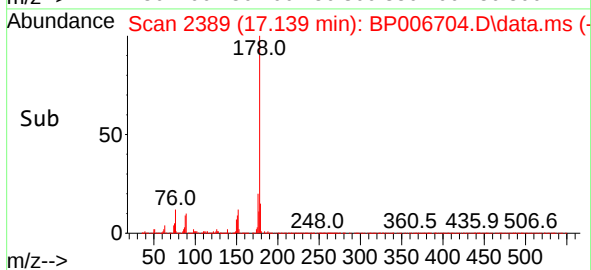
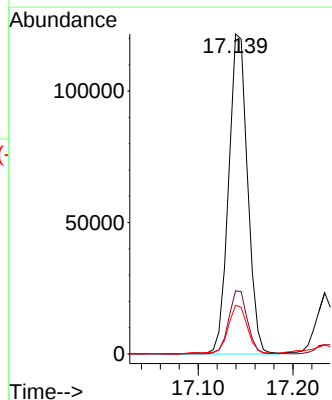
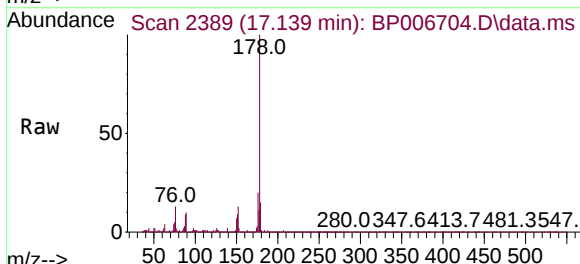
Instrument :
BNA_P
ClientSampled :
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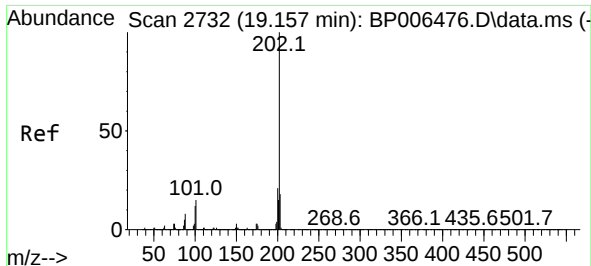
Tgt Ion:188 Resp: 922701
Ion Ratio Lower Upper
188 100
94 11.2 5.6 8.4#
80 13.5 6.3 9.5#



#71
Phenanthrene
Concen: 3.251 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

Tgt Ion:178 Resp: 169219
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 15.2 12.4 18.6

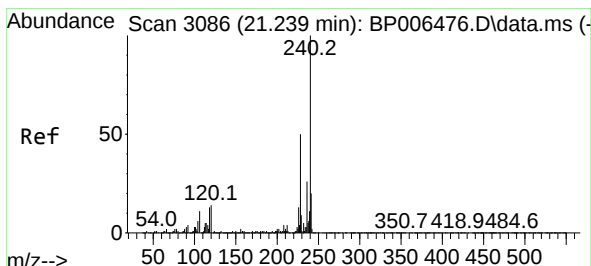
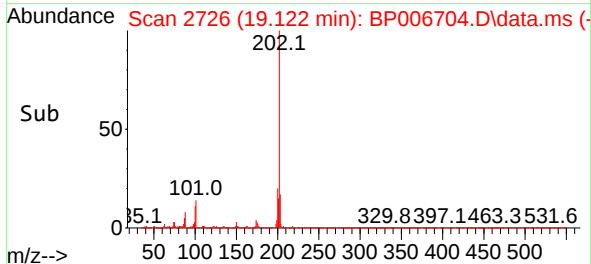
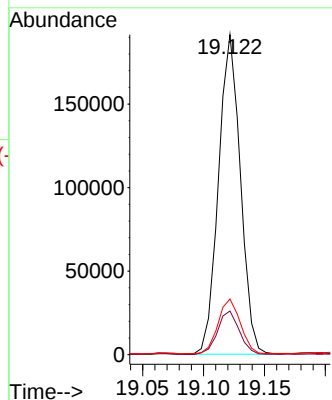
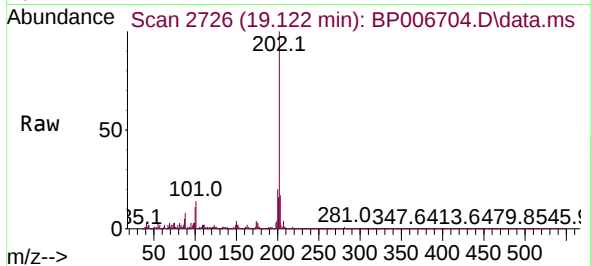




#75
Fluoranthene
Concen: 4.099 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

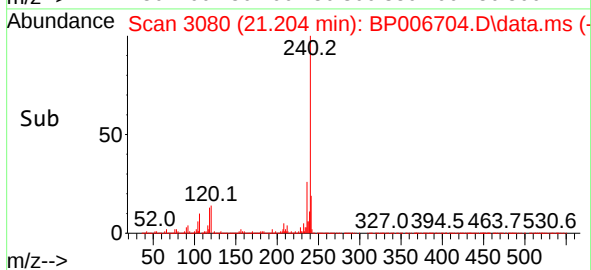
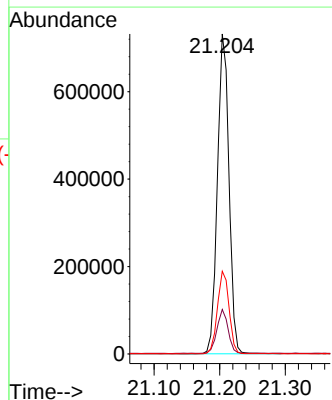
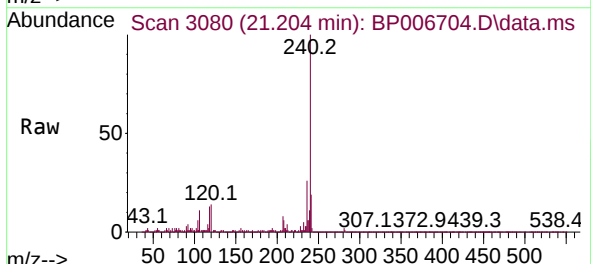
Instrument :
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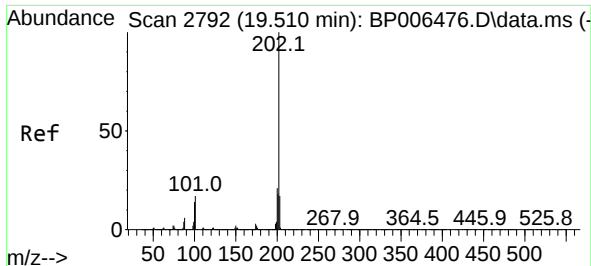
Tgt Ion:202 Resp: 239467
Ion Ratio Lower Upper
202 100
101 13.7 0.0 27.6
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

Tgt Ion:240 Resp: 891635
Ion Ratio Lower Upper
240 100
120 13.9 6.5 9.7#
236 25.8 20.6 31.0

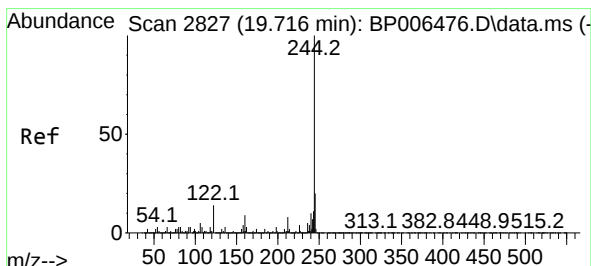
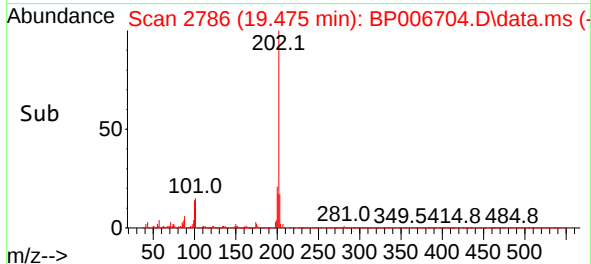
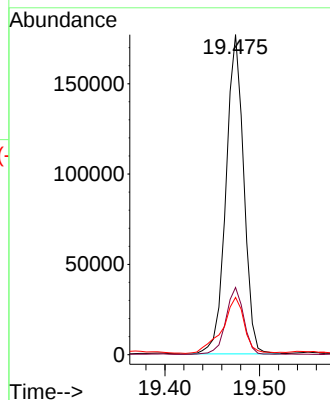
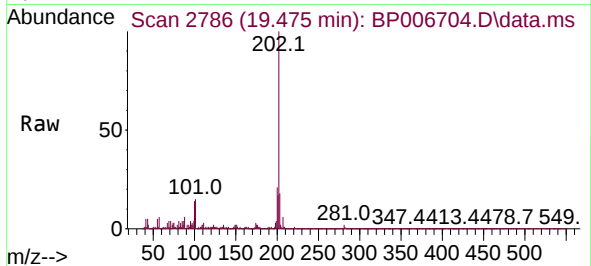




#78
Pyrene
Concen: 3.875 ng
RT: 19.475 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

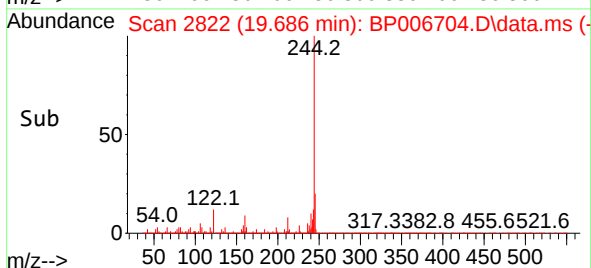
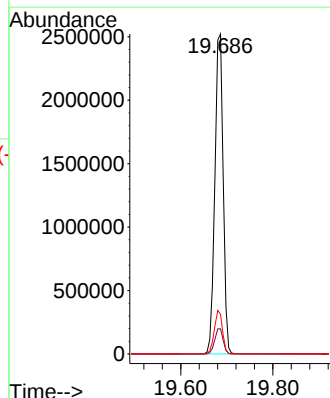
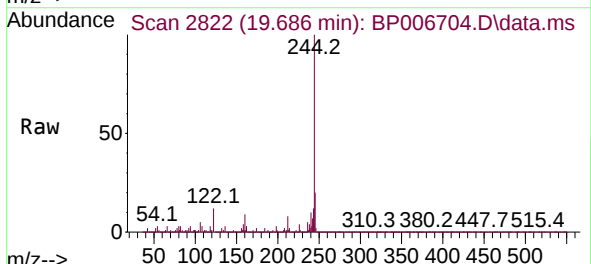
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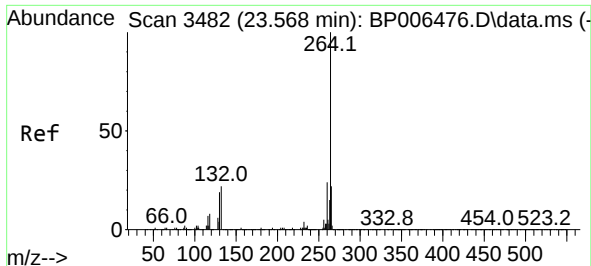
Tgt Ion:202 Resp: 230767
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.9 14.2 21.2



#79
Terphenyl-d14
Concen: 70.816 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

Tgt Ion:244 Resp: 3151154
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 12.3 7.1 10.7#

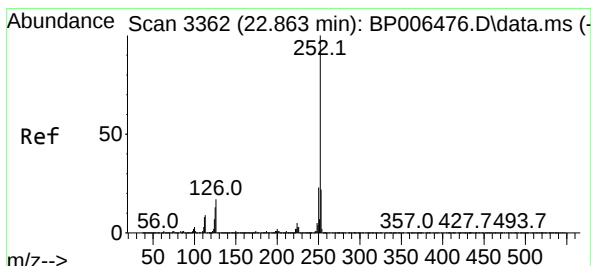
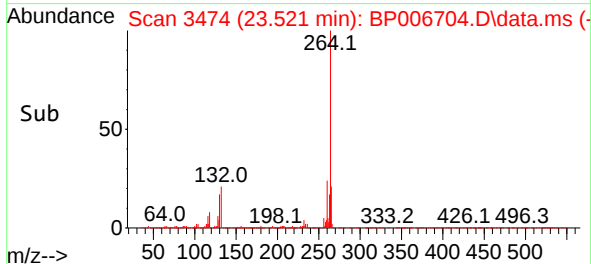
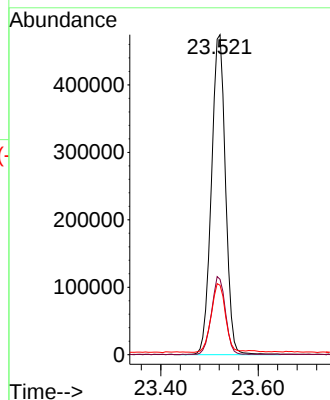
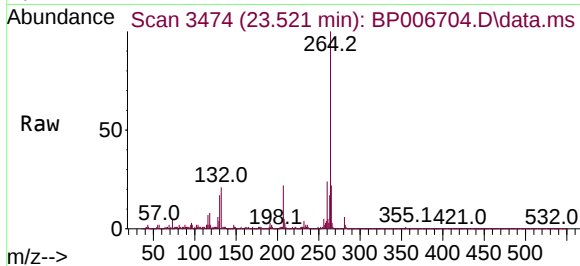




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

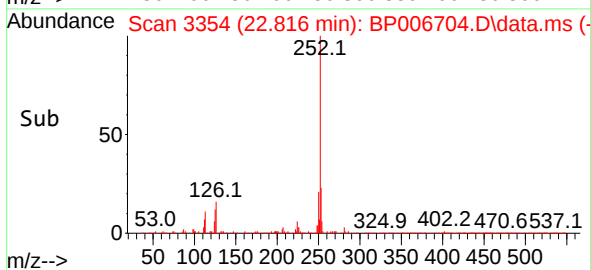
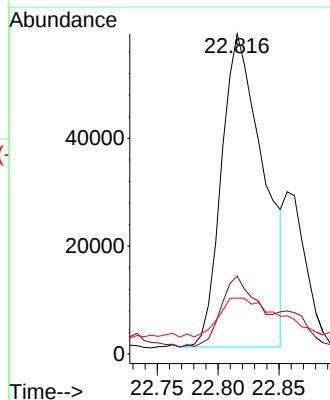
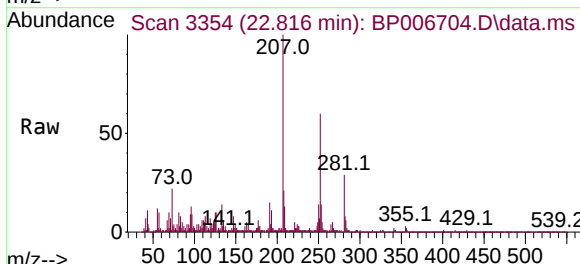
Instrument :
BNA_P
ClientSampleId :
21N

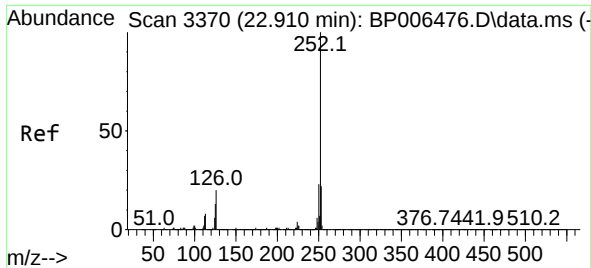
Tgt Ion:264 Resp: 949596
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.7 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.254 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.006 min
Lab File: BP006704.D
Acq: 17 Aug 2021 03:10

Tgt Ion:252 Resp: 139113
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 17.4 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.348 ng

RT: 22.816 min Scan# 3354

Delta R.T. -0.059 min

Lab File: BP006704.D

Acq: 17 Aug 2021 03:10

Instrument :

BNA_P

ClientSampleId :

21N

Tgt Ion:252 Resp: 139113

Ion Ratio Lower Upper

252 100

253 24.3 17.6 26.4

125 17.4 6.0 9.0#

