

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006706.D
 Acq On : 17 Aug 2021 04:18
 Operator : CG/JU
 Sample : M3389-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-17

Quant Time: Aug 17 06:11:38 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)

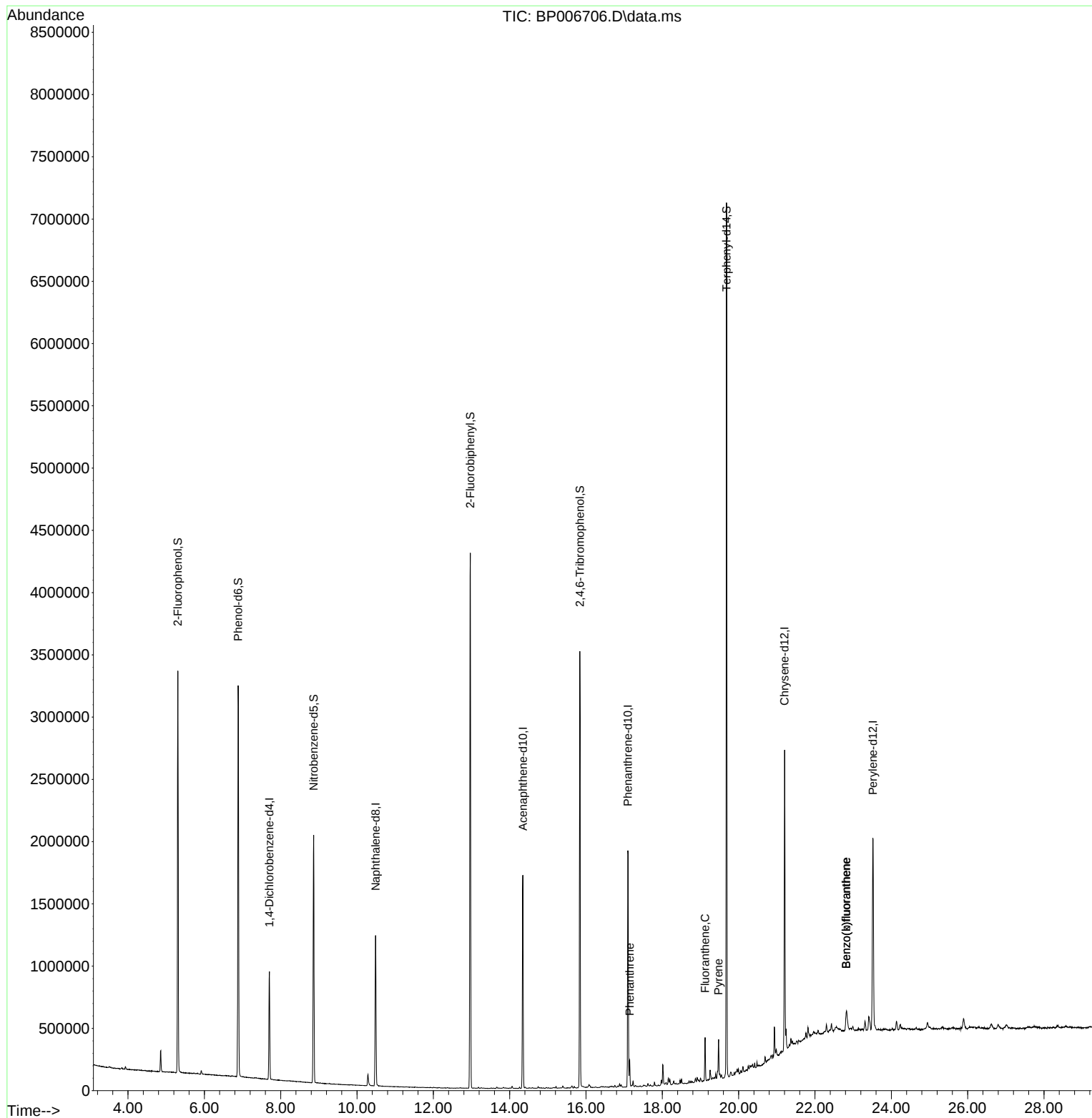
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	212947	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	927442	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	522395	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	1022504	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	968125	20.000	ng	# 0.00
86) Perylene-d12	23.521	264	1015159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1310541	94.527	ng	0.00
7) Phenol-d6	6.887	99	1717430	87.204	ng	0.00
23) Nitrobenzene-d5	8.863	82	1172436	58.350	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	492489	90.206	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	1982078	56.766	ng	0.00
79) Terphenyl-d14	19.680	244	2711524	56.122	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.145	178	117428	2.036	ng	98
75) Fluoranthene	19.122	202	177388	2.740	ng	94
78) Pyrene	19.475	202	154772	2.393	ng	99
88) Benzo(b)fluoranthene	22.816	252	147681	2.238	ng	# 90
89) Benzo(k)fluoranthene	22.816	252	147681	2.331	ng	# 90

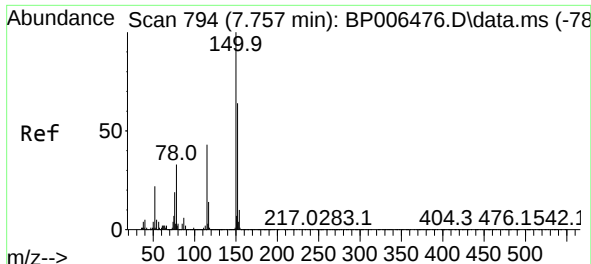
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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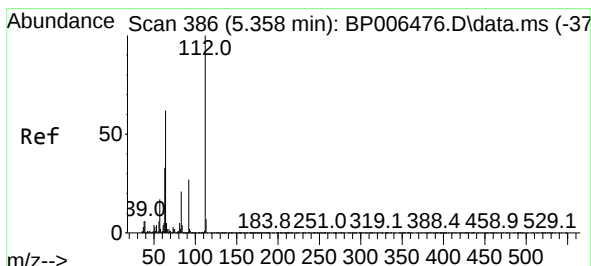
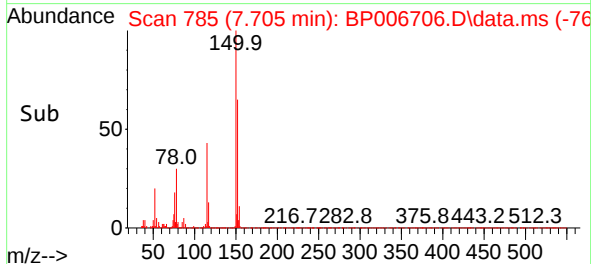
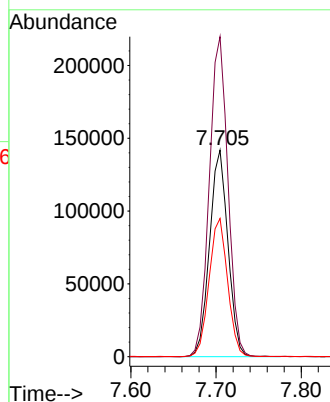
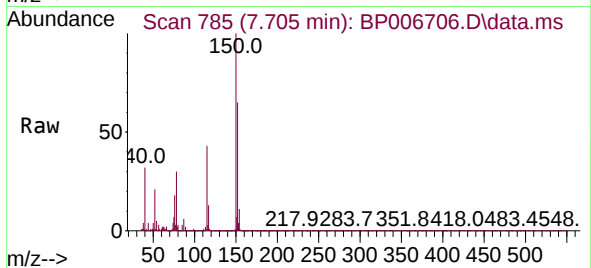




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

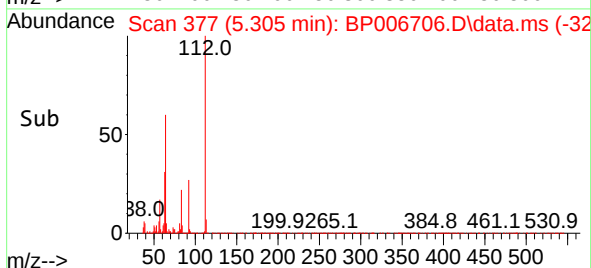
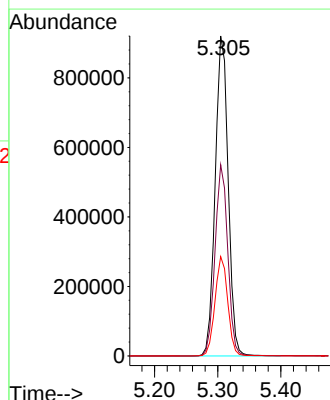
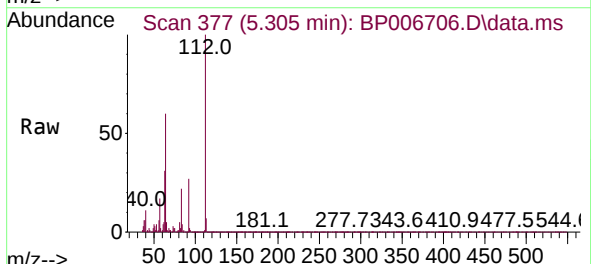
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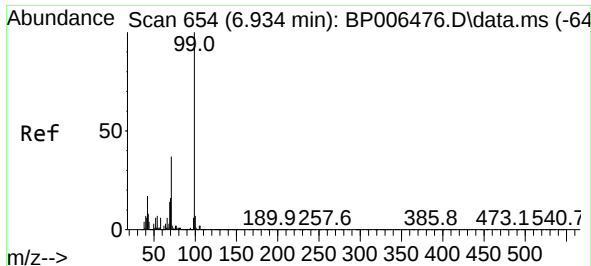
Tgt Ion:152 Resp: 212947
Ion Ratio Lower Upper
152 100
150 155.0 125.6 188.4
115 67.0 48.5 72.7



#5
2-Fluorophenol
Concen: 94.527 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

Tgt Ion:112 Resp: 1310541
Ion Ratio Lower Upper
112 100
64 59.7 41.4 62.2
63 31.0 23.8 35.8

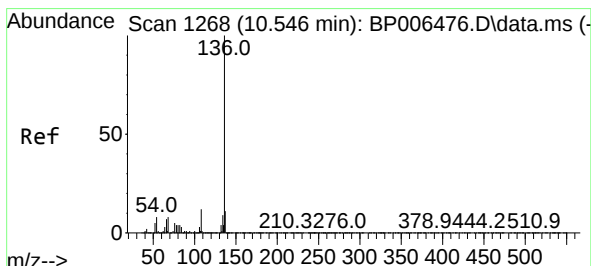
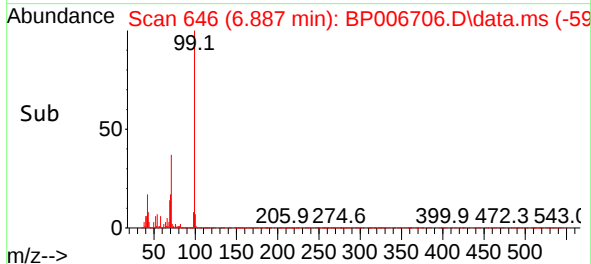
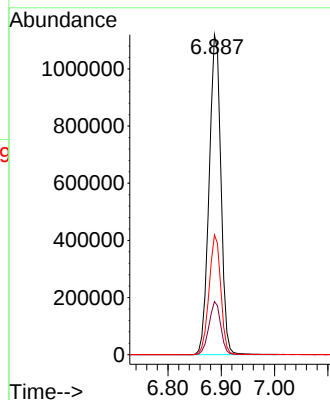
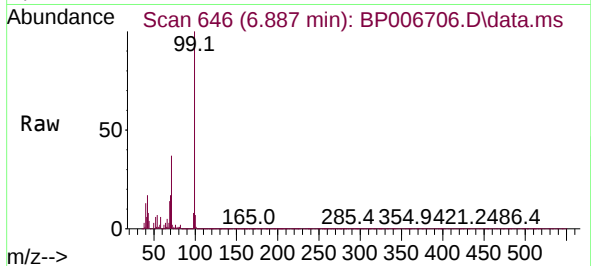




#7
Phenol-d6
Concen: 87.204 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

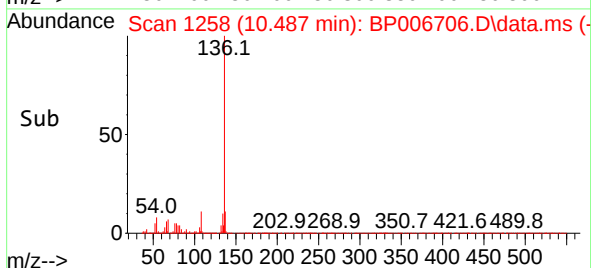
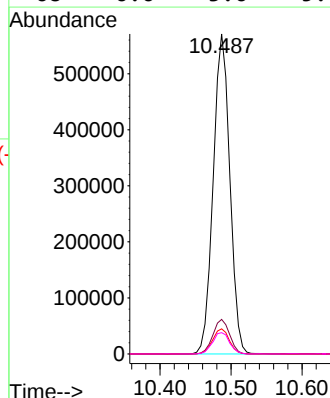
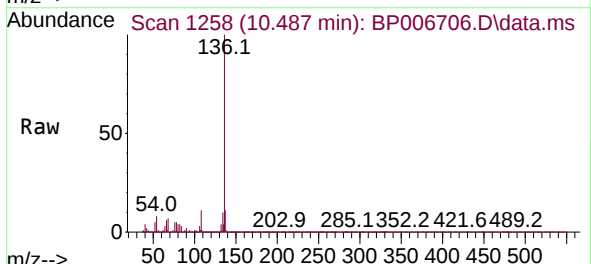
Instrument :
BNA_P
ClientSampleId :
CRT-17

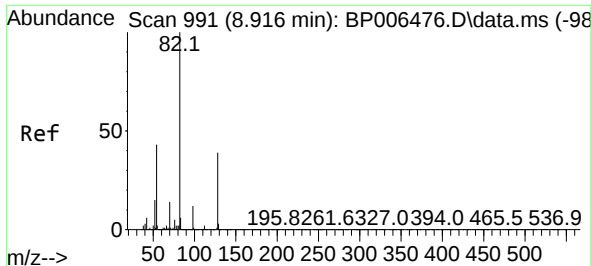
Tgt Ion: 99 Resp: 1717430
Ion Ratio Lower Upper
99 100
42 16.6 13.4 20.0
71 37.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

Tgt Ion: 136 Resp: 927442
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.9 4.6 6.8#
68 6.6 3.6 5.4#

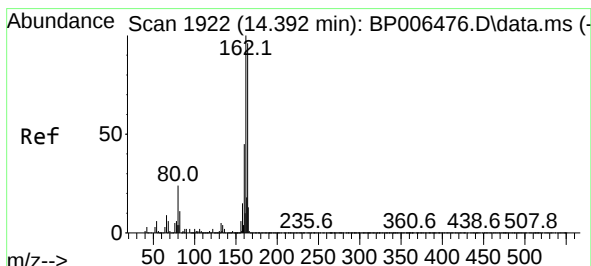
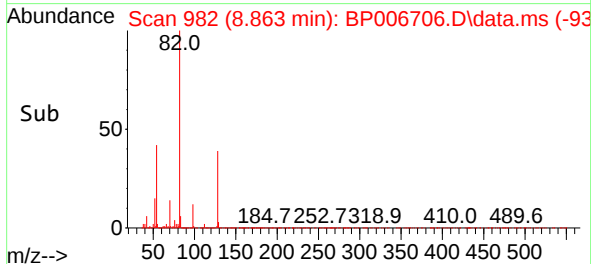
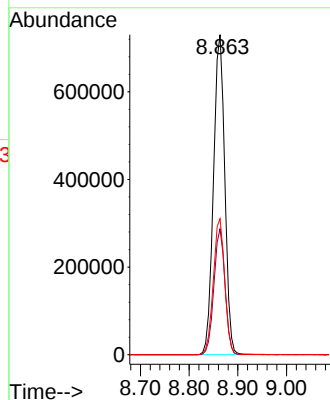
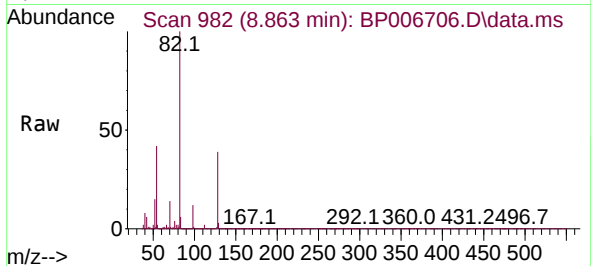




#23
Nitrobenzene-d5
Concen: 58.350 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

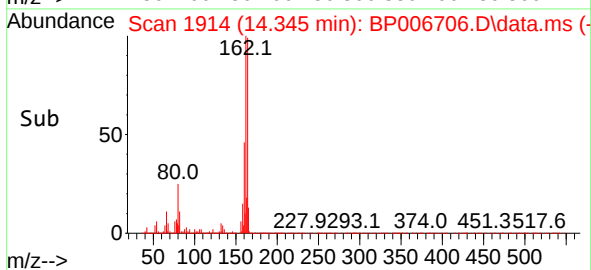
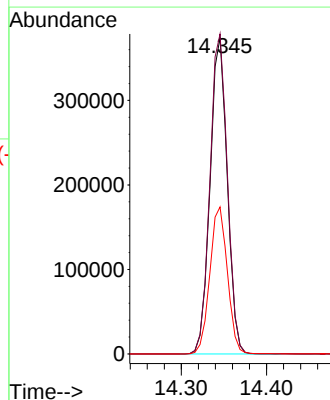
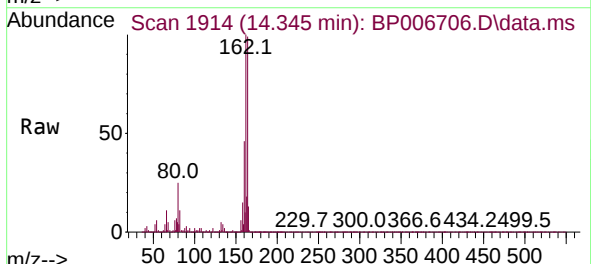
Instrument :
BNA_P
ClientSampleId :
CRT-17

Tgt Ion: 82 Resp: 1172436
Ion Ratio Lower Upper
82 100
128 39.3 35.7 53.5
54 42.5 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: BP006706.D
Acq: 17 Aug 2021 04:18

Tgt Ion: 164 Resp: 522395
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 46.5 34.5 51.7

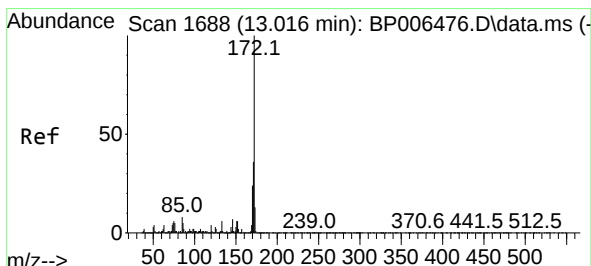
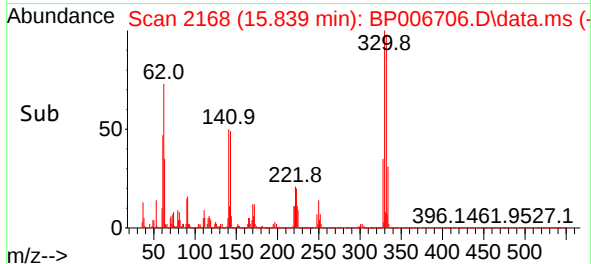
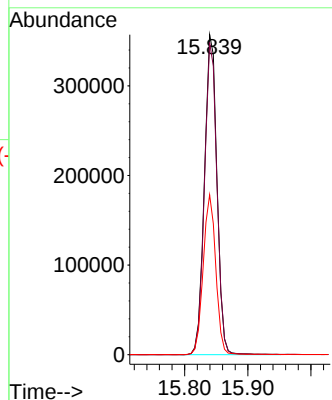
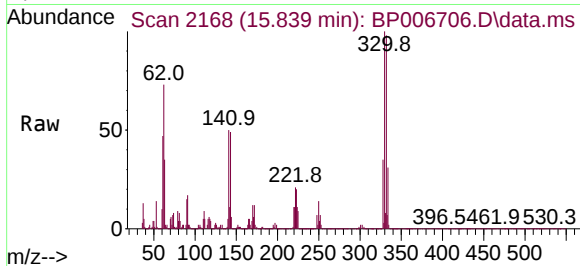




#42
2,4,6-Tribromophenol
Concen: 90.206 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

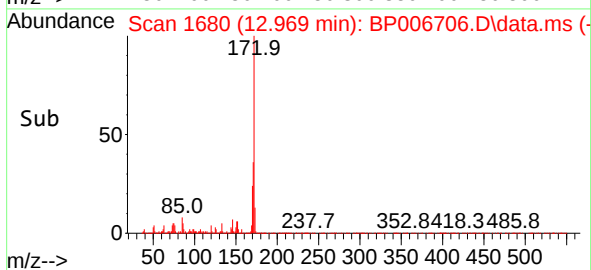
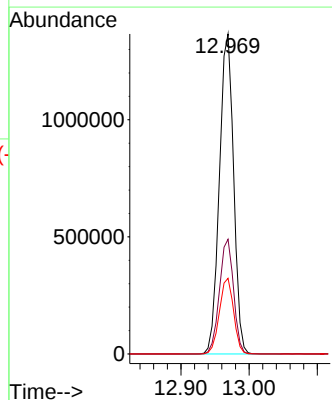
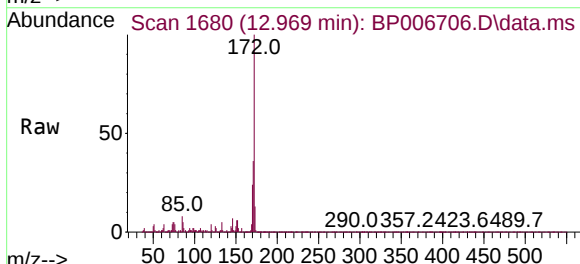
Instrument :
BNA_P
ClientSampleId :
CRT-17

Tgt Ion:330 Resp: 492489
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 50.1 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 56.766 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

Tgt Ion:172 Resp: 1982078
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.6 18.6 27.8

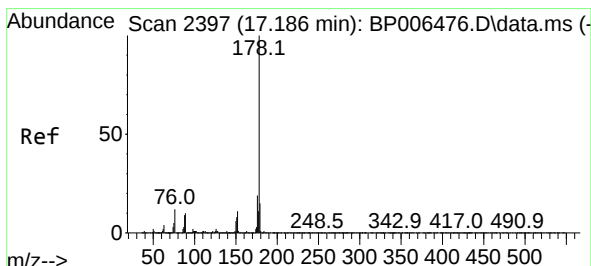
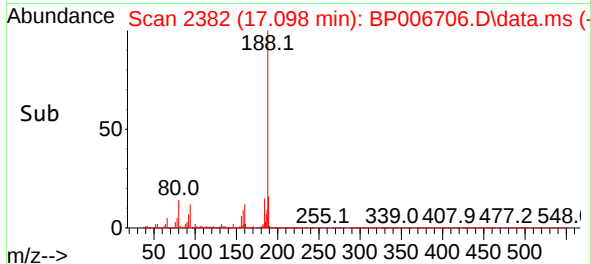
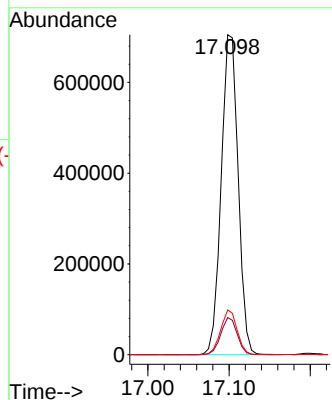
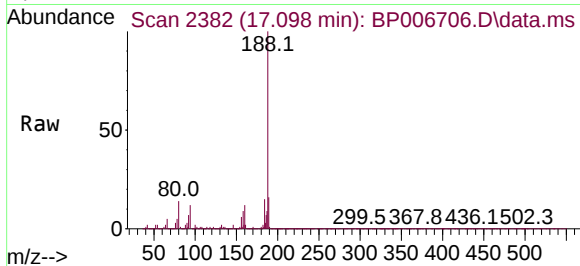




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

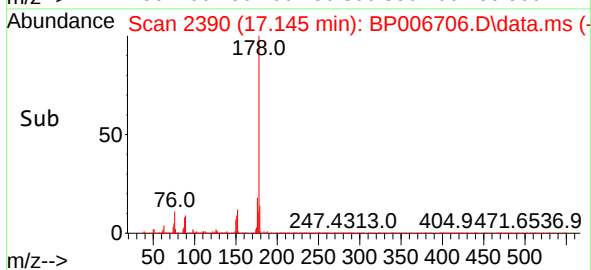
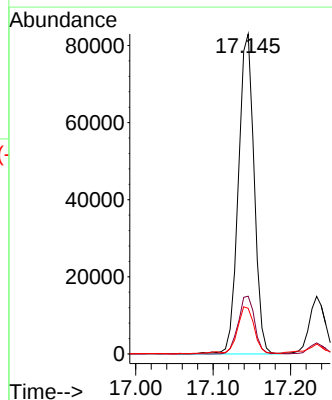
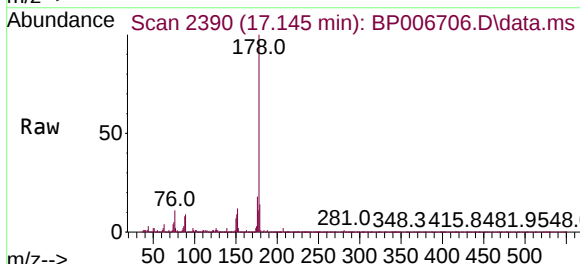
Instrument :
BNA_P
ClientSampleId :
CRT-17

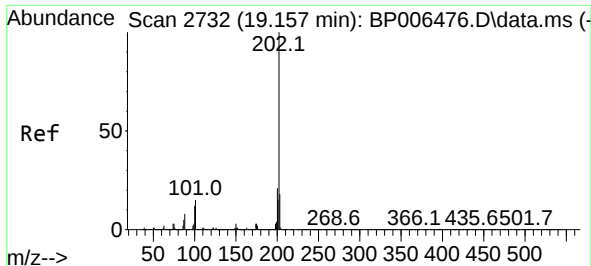
Tgt Ion:188 Resp: 1022504
Ion Ratio Lower Upper
188 100
94 11.6 5.6 8.4#
80 14.0 6.3 9.5#



#71
Phenanthrene
Concen: 2.036 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

Tgt Ion:178 Resp: 117428
Ion Ratio Lower Upper
178 100
176 18.1 15.1 22.7
179 14.3 12.4 18.6

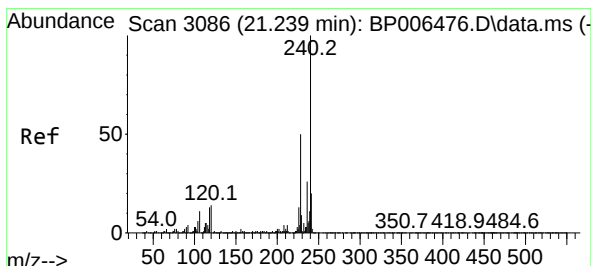
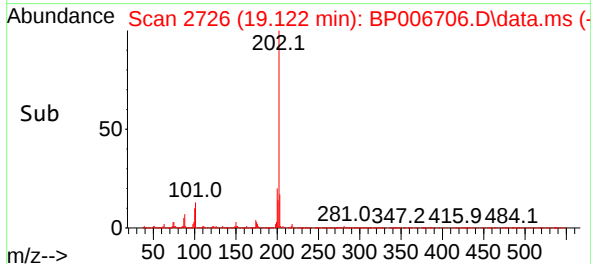
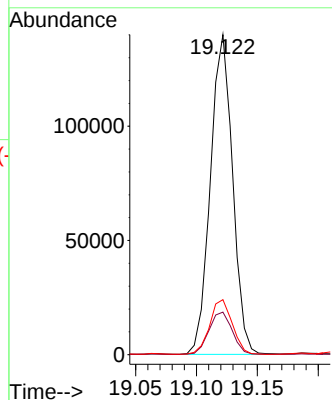
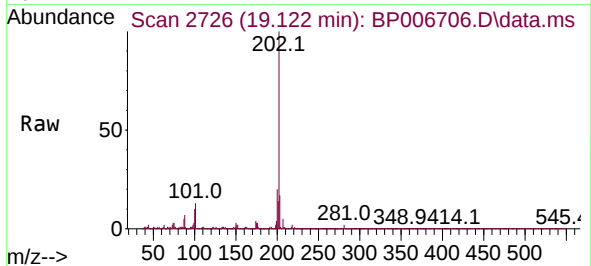




#75
Fluoranthene
Concen: 2.740 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

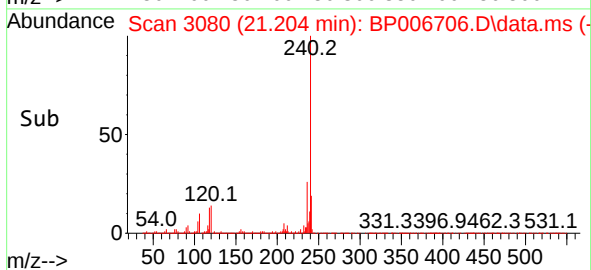
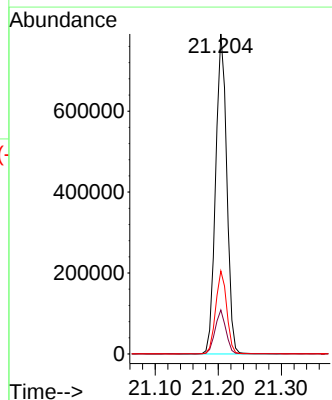
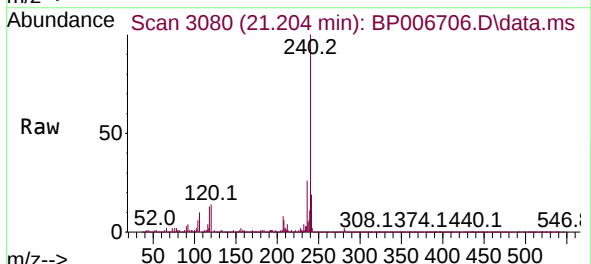
Instrument :
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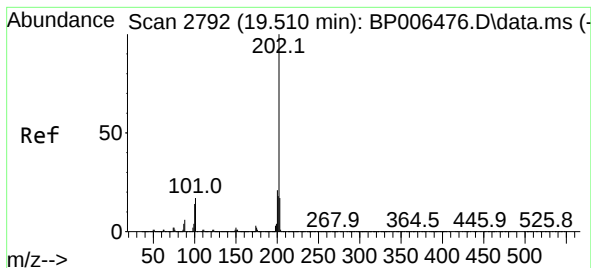
Tgt Ion:202 Resp: 177388
Ion Ratio Lower Upper
202 100
101 13.3 0.0 27.6
203 17.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

Tgt Ion:240 Resp: 968125
Ion Ratio Lower Upper
240 100
120 13.7 6.5 9.7#
236 26.0 20.6 31.0





#78

Pyrene

Concen: 2.393 ng

RT: 19.475 min Scan# 2786

Delta R.T. -0.006 min

Lab File: BP006706.D

Acq: 17 Aug 2021 04:18

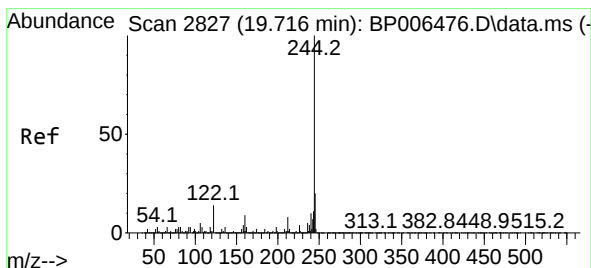
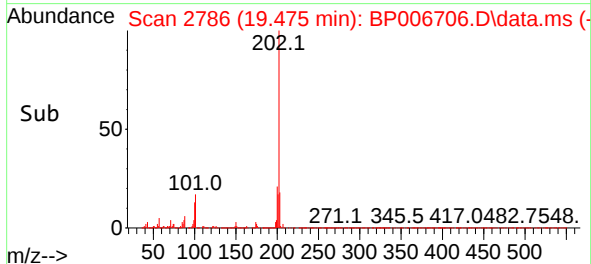
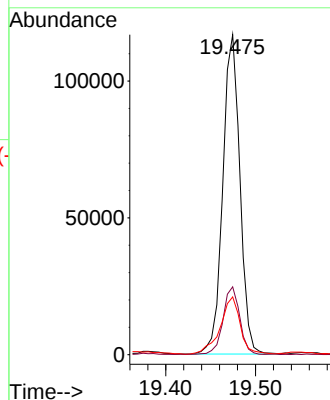
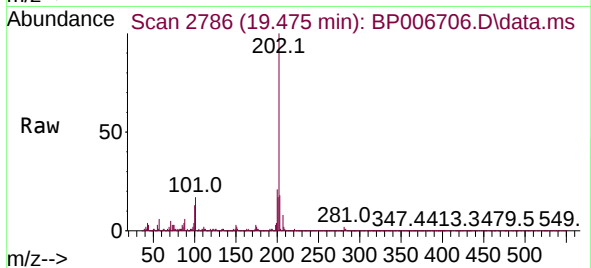
Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:202	Resp: 154772
Ion Ratio	Lower Upper
202 100	
200 21.2	16.3 24.5
203 18.0	14.2 21.2



#79

Terphenyl-d14

Concen: 56.122 ng

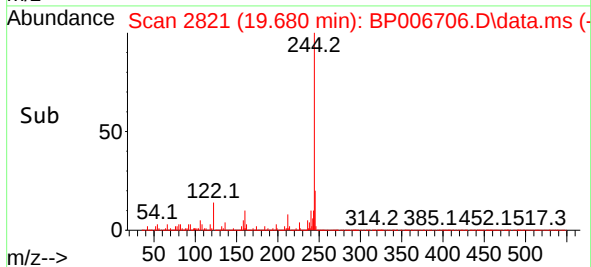
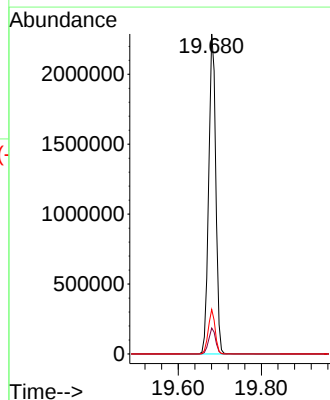
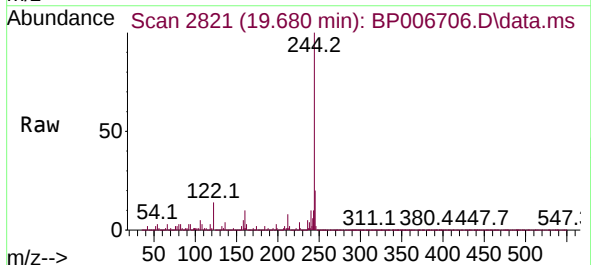
RT: 19.680 min Scan# 2821

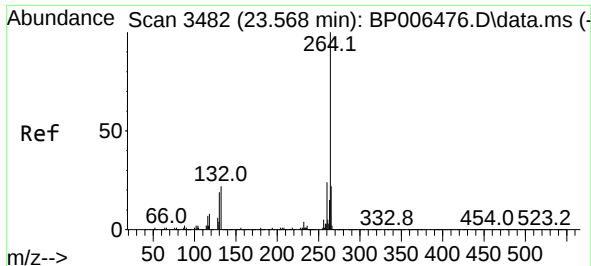
Delta R.T. -0.006 min

Lab File: BP006706.D

Acq: 17 Aug 2021 04:18

Tgt Ion:244	Resp: 2711524
Ion Ratio	Lower Upper
244 100	
212 8.1	6.0 9.0
122 13.9	7.1 10.7

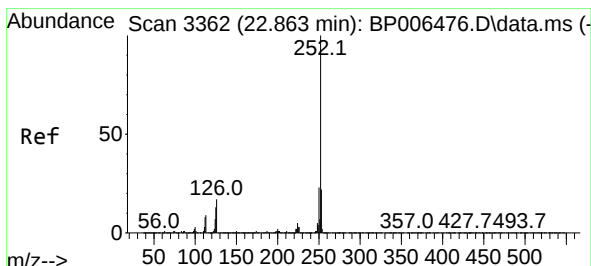
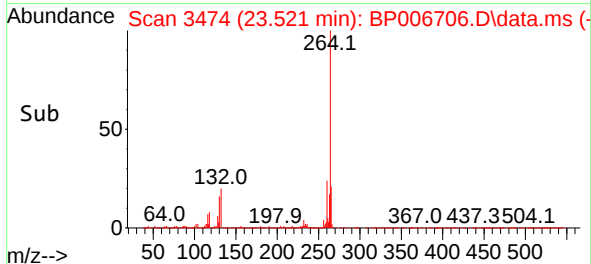
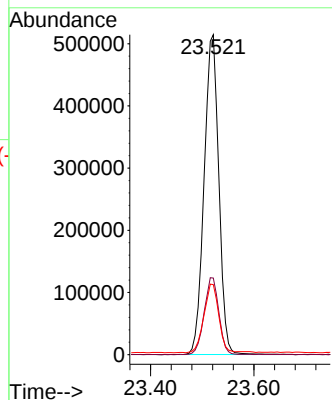
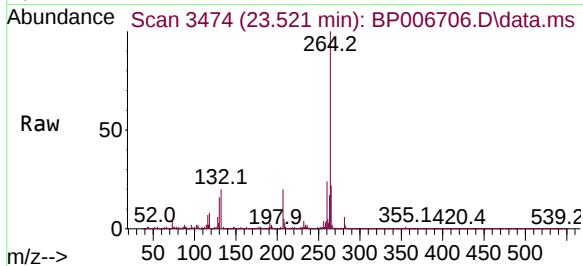




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

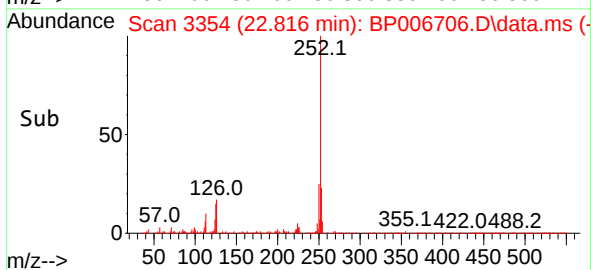
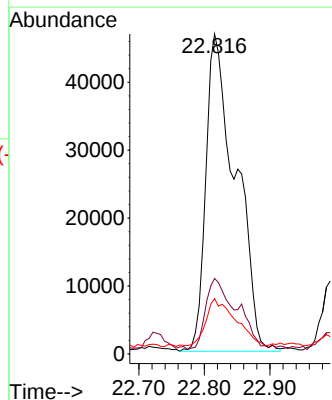
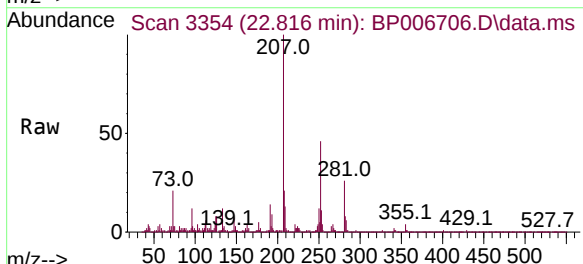
Instrument :
BNA_P
ClientSampleId :
CRT-17

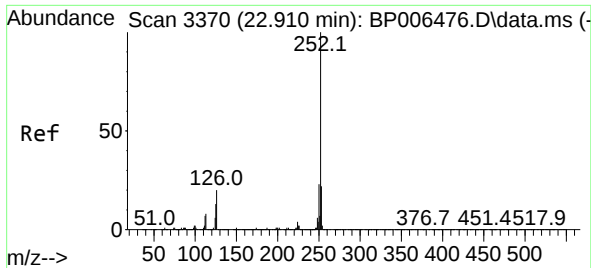
Tgt Ion:264 Resp: 1015159
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.9 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.238 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.006 min
Lab File: BP006706.D
Acq: 17 Aug 2021 04:18

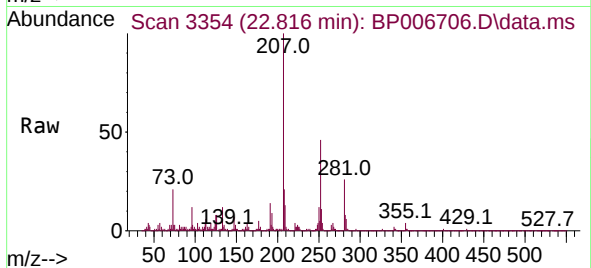
Tgt Ion:252 Resp: 147681
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 17.3 6.2 9.4#





#89
 Benzo(k)fluoranthene
 Concen: 2.331 ng
 RT: 22.816 min Scan# 3354
 Delta R.T. -0.059 min
 Lab File: BP006706.D
 Acq: 17 Aug 2021 04:18

Instrument :
 BNA_P
 ClientSampleId :
 CRT-17



Tgt Ion:252 Resp: 147681
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.6 26.4
 125 17.3 6.0 9.0#

