

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062221\
 Data File : BP006024.D
 Acq On : 23 Jun 2021 01:54
 Operator : CG/JU
 Sample : M2748-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-6A

Quant Time: Jun 23 04:25:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

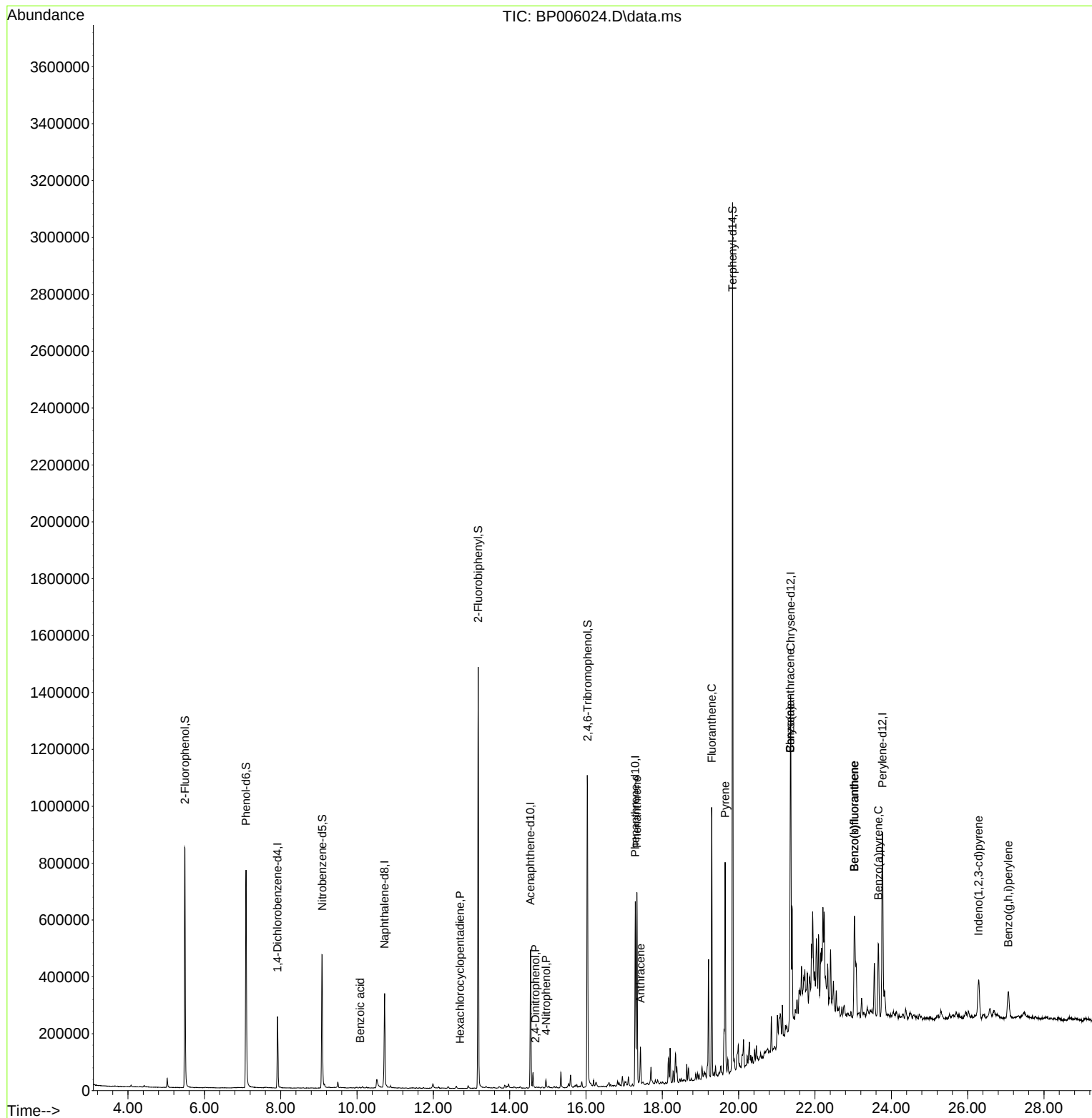
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	72737	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	282119	20.00	ng	0.00
39) Acenaphthene-d10	14.545	164	178239	20.00	ng	0.00
64) Phenanthrene-d10	17.292	188	380303	20.00	ng	0.00
76) Chrysene-d12	21.362	240	471743	20.00	ng	0.00
86) Perylene-d12	23.768	264	527075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	409808	90.41	ng	0.00
7) Phenol-d6	7.092	99	484502	82.46	ng	0.00
23) Nitrobenzene-d5	9.086	82	297580	51.71	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	249667	81.62	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	738404	54.40	ng	0.00
79) Terphenyl-d14	19.839	244	1417461	56.26	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.081	122	19	6.32	ng	# 1
41) Hexachlorocyclopentadiene	12.698	237	11	5.51	ng	78
54) 2,4-Dinitrophenol	14.669	184	20	4.86	ng	# 1
56) 4-Nitrophenol	14.951	139	6940	2.65	ng	# 6
71) Phenanthrene	17.333	178	410219	17.96	ng	99
72) Anthracene	17.427	178	84586	3.76	ng	98
75) Fluoranthene	19.292	202	553818	19.97	ng	98
78) Pyrene	19.645	202	434415	13.19	ng	99
81) Benzo(a)anthracene	21.351	228	283979	8.34	ng	99
83) Chrysene	21.351	228	283979	8.61	ng	95
87) Indeno(1,2,3-cd)pyrene	26.286	276	150644	3.34	ng	98
88) Benzo(b)fluoranthene	23.033	252	322371	8.93	ng	97
89) Benzo(k)fluoranthene	23.033	252	322371	9.21	ng	# 97
90) Benzo(a)pyrene	23.662	252	211341	6.23	ng	97
92) Benzo(g,h,i)perylene	27.062	276	134431	3.51	ng	98

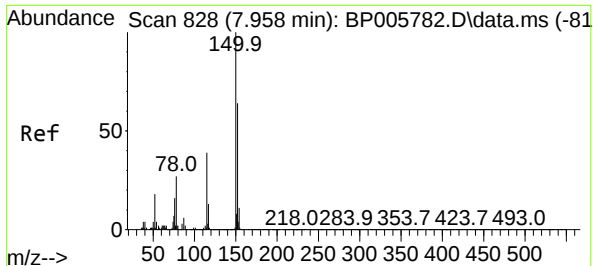
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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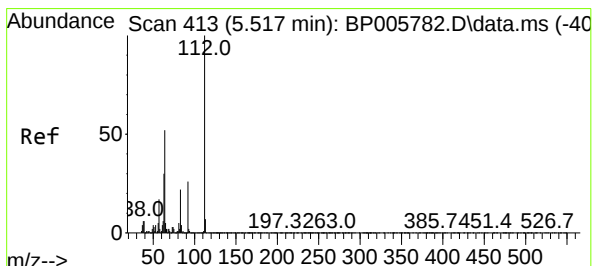
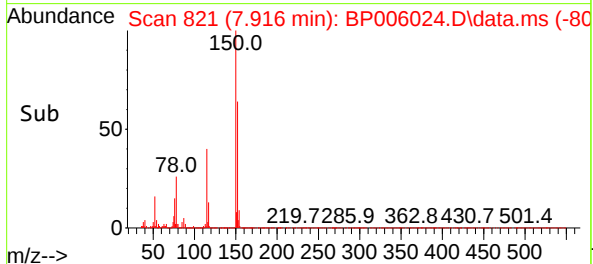
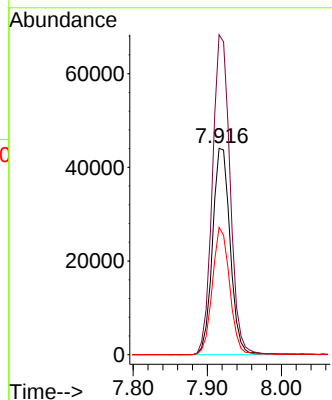
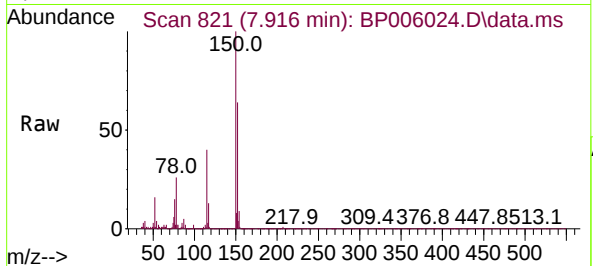




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

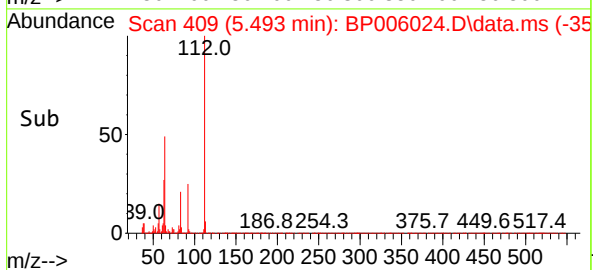
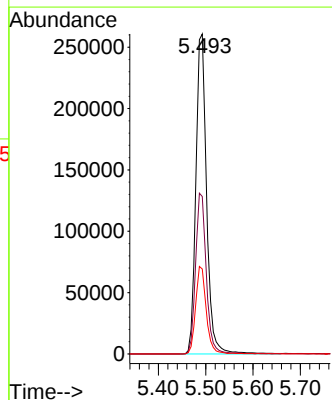
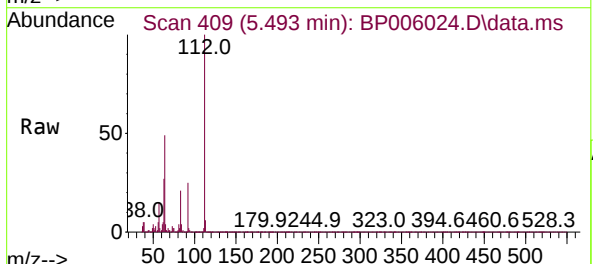
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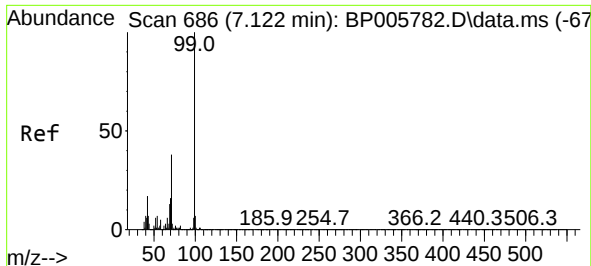
Tgt Ion:152 Resp: 72737
Ion Ratio Lower Upper
152 100
150 155.1 125.6 188.4
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 90.41 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.005 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:112 Resp: 409808
Ion Ratio Lower Upper
112 100
64 49.2 41.4 62.2
63 26.6 23.8 35.8

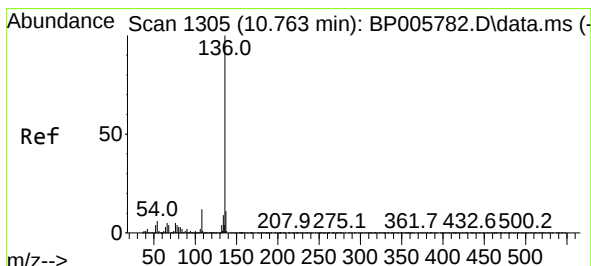
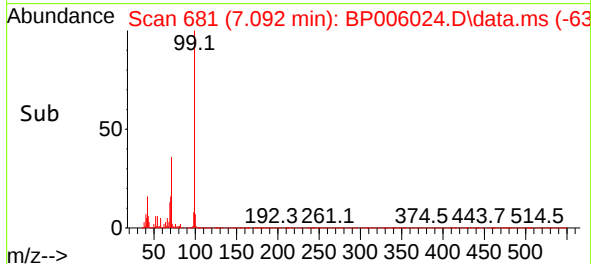
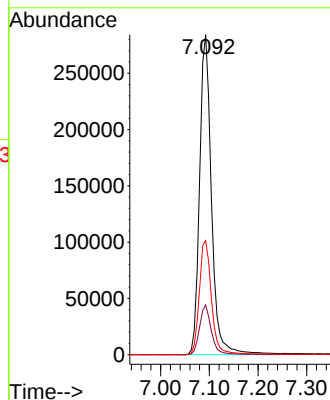
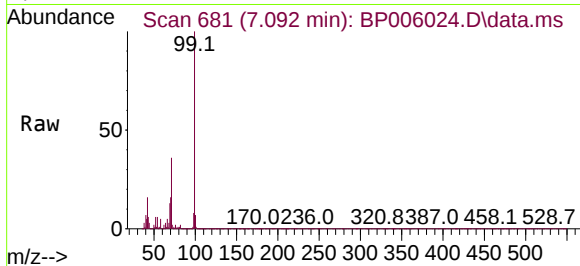




#7
Phenol-d6
Concen: 82.46 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.001 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

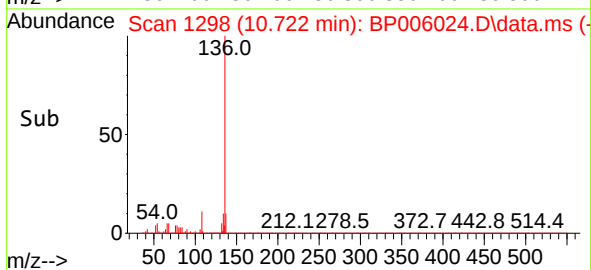
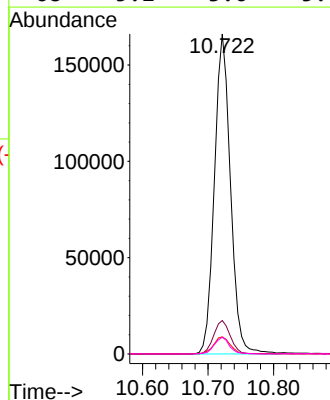
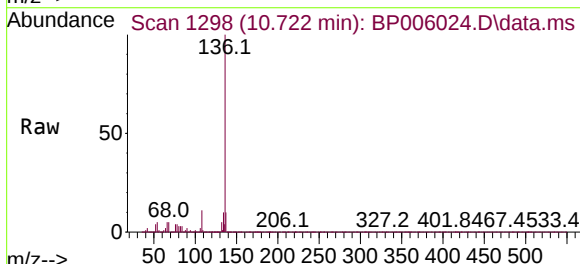
Instrument :
BNA_P
ClientSampleId :
SB-6A

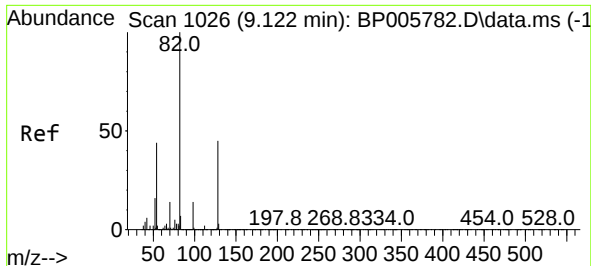
Tgt Ion:	99	Resp:	484502
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.4	20.0
71	35.7	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.001 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:	136	Resp:	282119
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	5.4	4.6	6.8
68	5.2	3.6	5.4

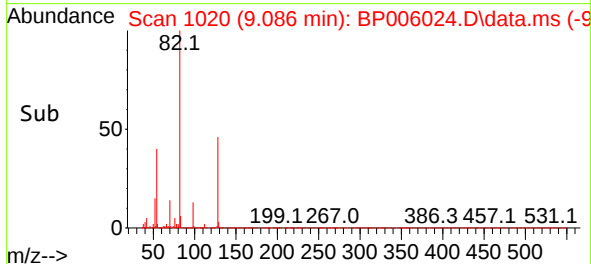
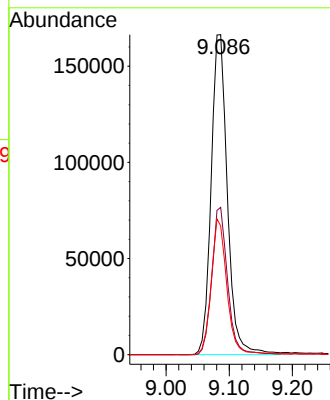
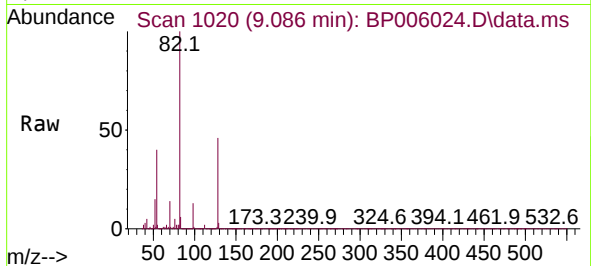




#23
Nitrobenzene-d5
Concen: 51.71 ng
RT: 9.086 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

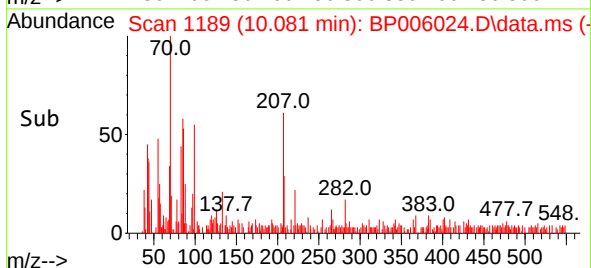
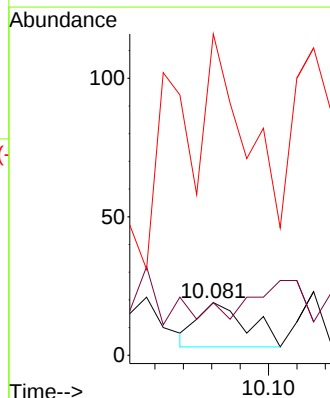
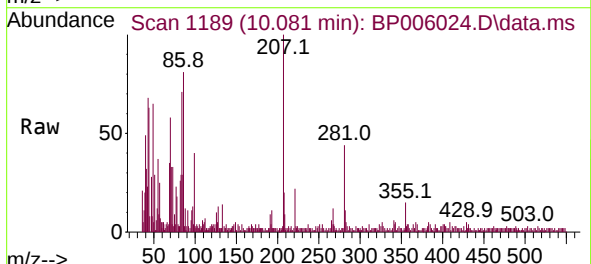
Instrument :
BNA_P
ClientSampleId :
SB-6A

Tgt Ion: 82 Resp: 297580
Ion Ratio Lower Upper
82 100
128 46.1 35.7 53.5
54 40.2 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.081 min Scan# 1189
Delta R.T. 0.005 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion: 122 Resp: 19
Ion Ratio Lower Upper
122 100
105 100.0 103.2 143.2#
77 610.5 76.2 116.2#

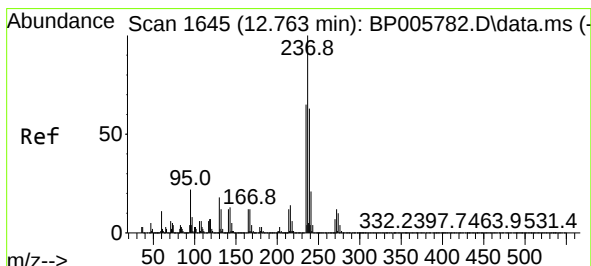
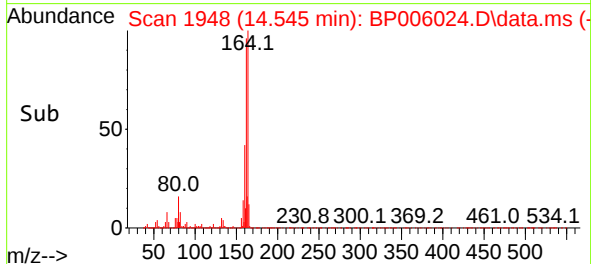
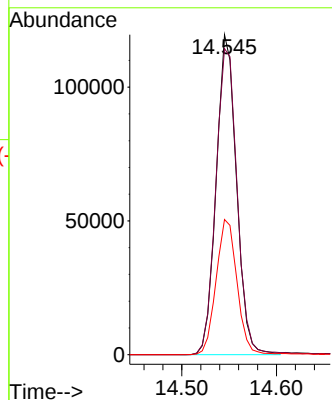
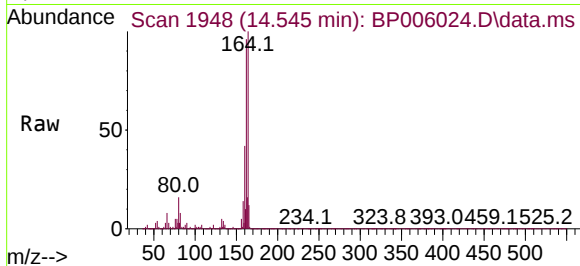




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

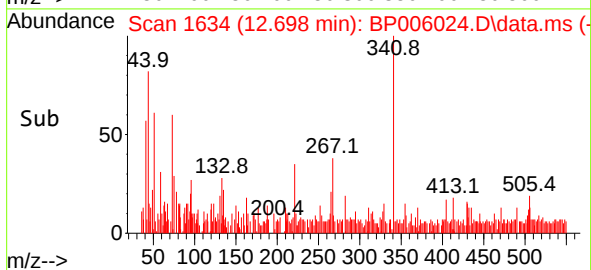
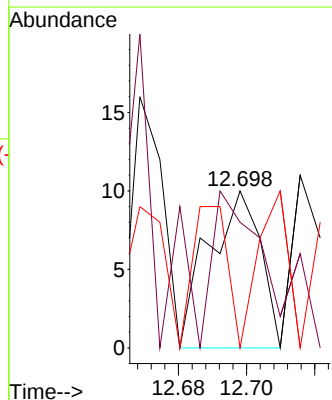
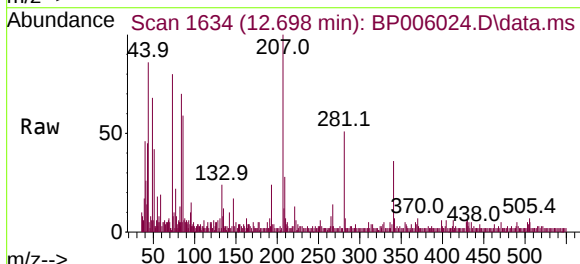
Instrument :
BNA_P
ClientSampled :
SB-6A

Tgt Ion:164 Resp: 178239
Ion Ratio Lower Upper
164 100
162 95.6 80.2 120.2
160 42.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.030 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:237 Resp: 11
Ion Ratio Lower Upper
237 100
235 80.0 44.5 84.5
272 0.0 0.0 32.5

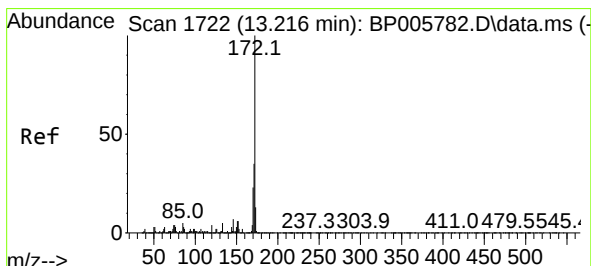
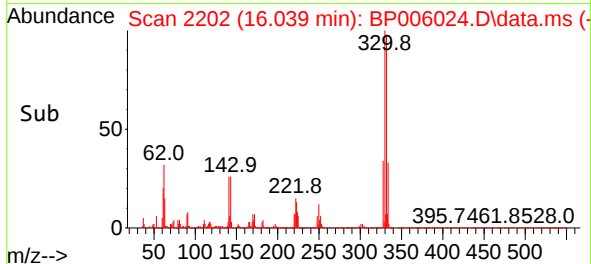
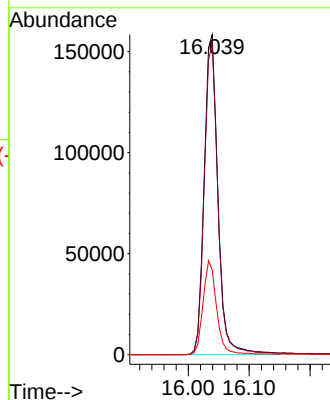
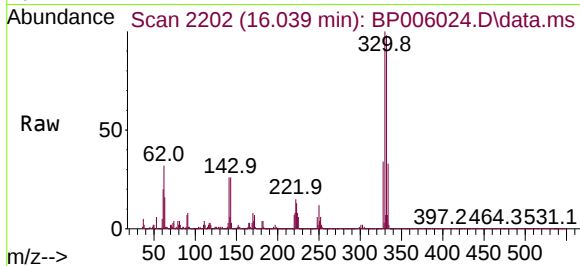




#42
2,4,6-Tribromophenol
Concen: 81.62 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

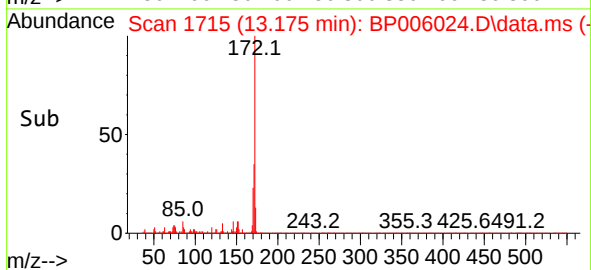
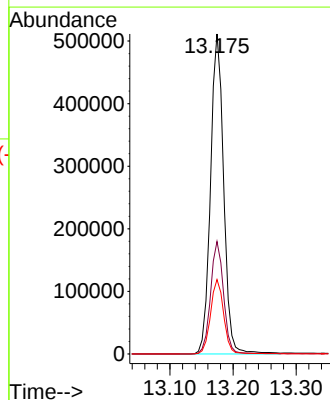
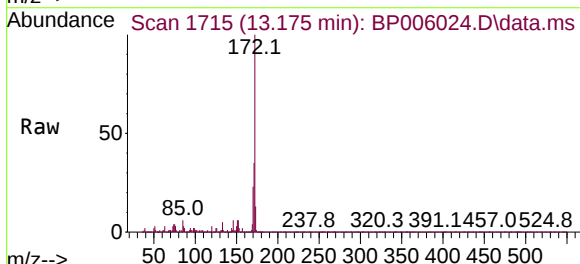
Instrument :
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ClientSampleId :
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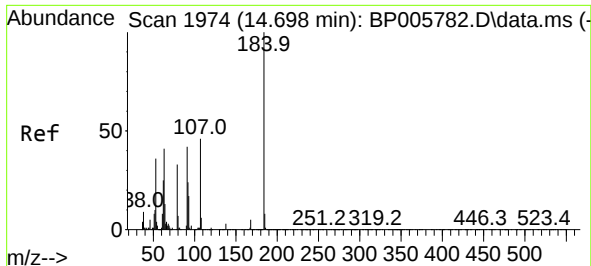
Tgt Ion:330 Resp: 249667
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 29.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 54.40 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:172 Resp: 738404
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.3 18.6 27.8

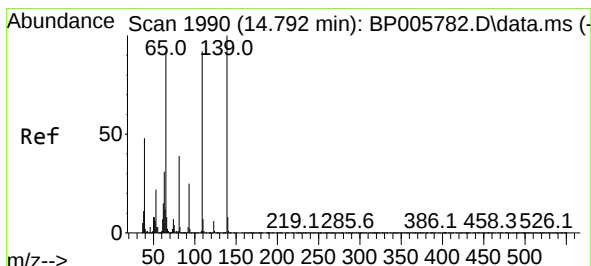
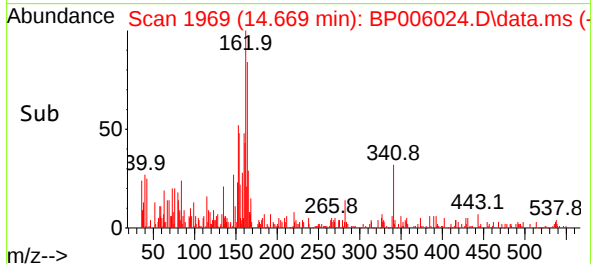
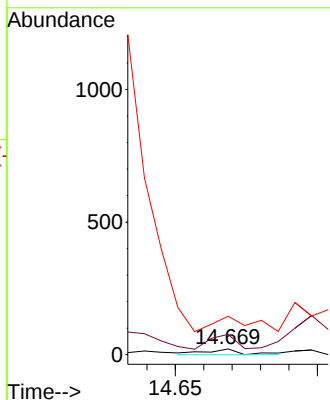
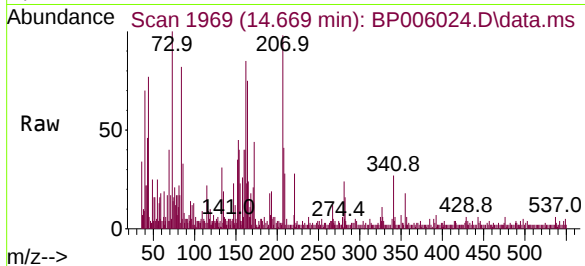




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

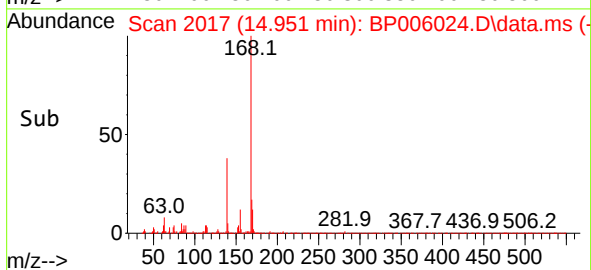
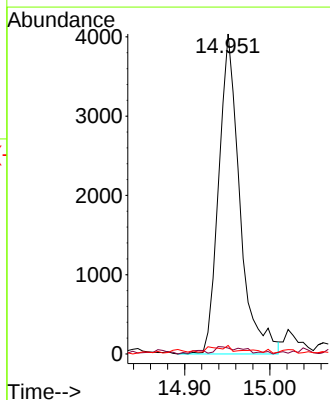
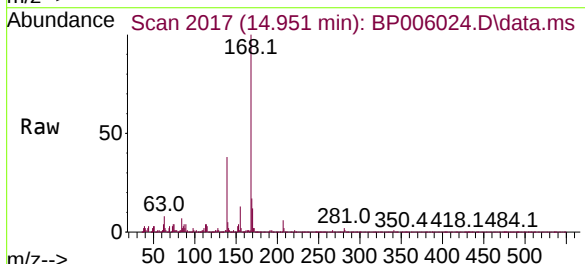
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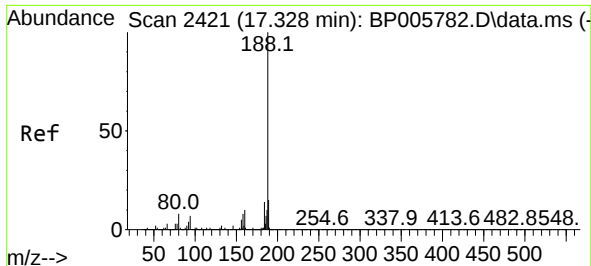
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 350.0 47.0 70.6#
154 659.1 52.3 78.5#



#56
4-Nitrophenol
Concen: 2.65 ng
RT: 14.951 min Scan# 2017
Delta R.T. 0.164 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:139 Resp: 6940
Ion Ratio Lower Upper
139 100
109 1.8 72.3 112.3#
65 2.7 72.5 112.5#

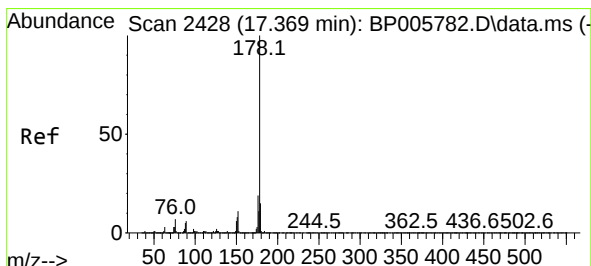
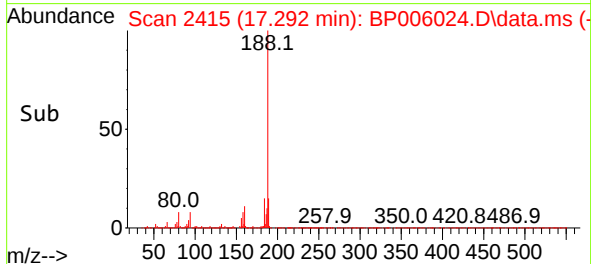
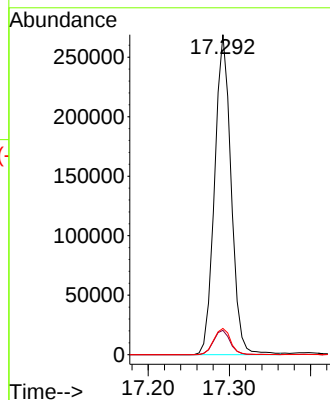
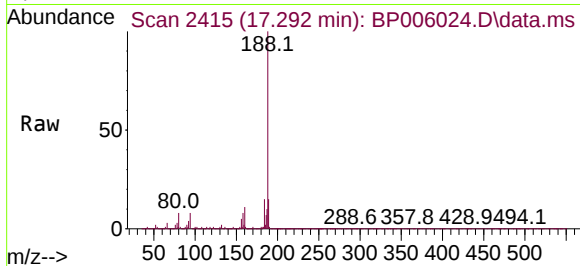




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

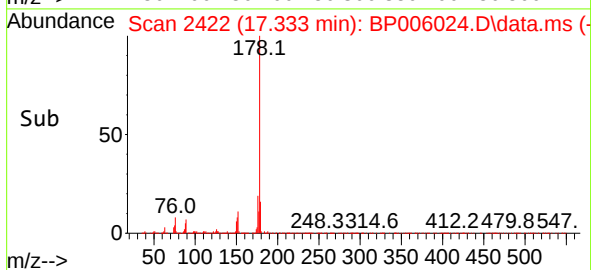
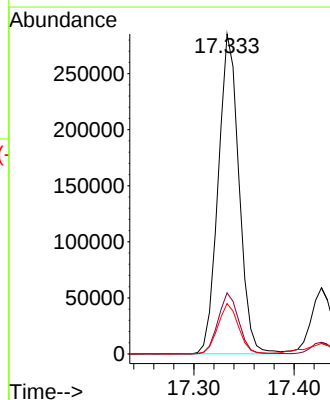
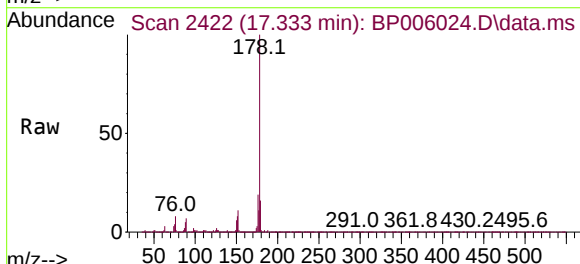
Instrument :
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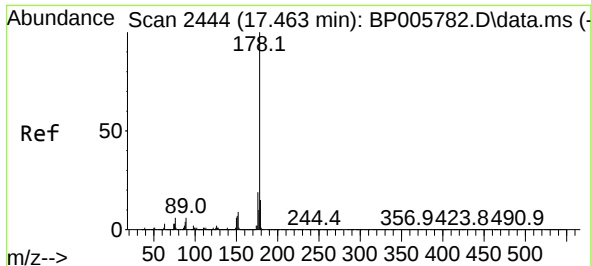
Tgt Ion:188 Resp: 380303
Ion Ratio Lower Upper
188 100
94 7.6 5.6 8.4
80 8.2 6.3 9.5



#71
Phenanthrene
Concen: 17.96 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:178 Resp: 410219
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.7 12.4 18.6

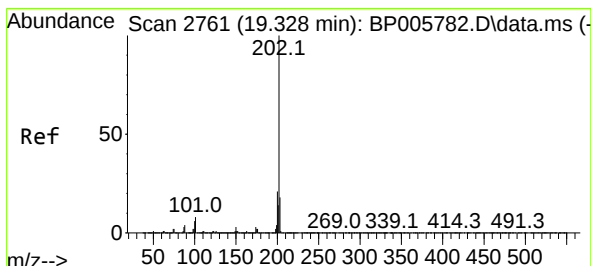
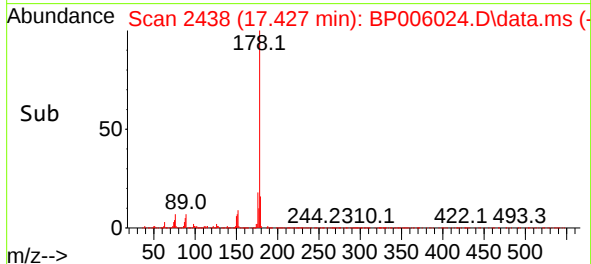
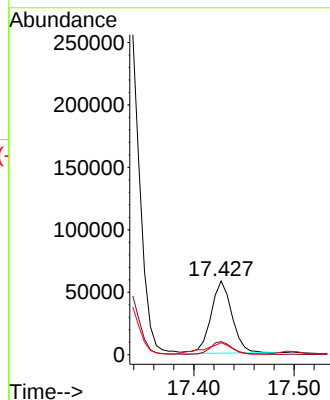
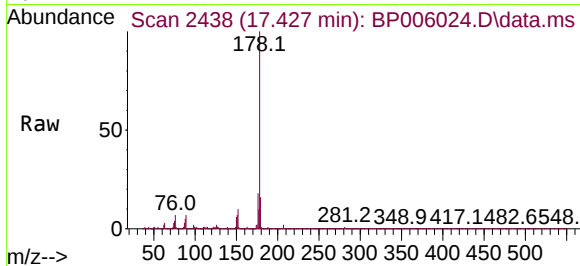




#72
 Anthracene
 Concen: 3.76 ng
 RT: 17.427 min Scan# 2438
 Delta R.T. -0.006 min
 Lab File: BP006024.D
 Acq: 23 Jun 2021 01:54

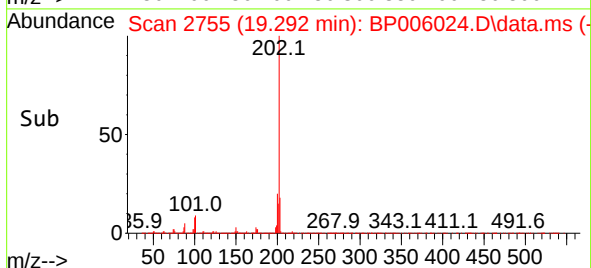
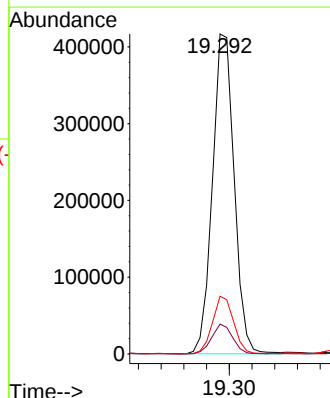
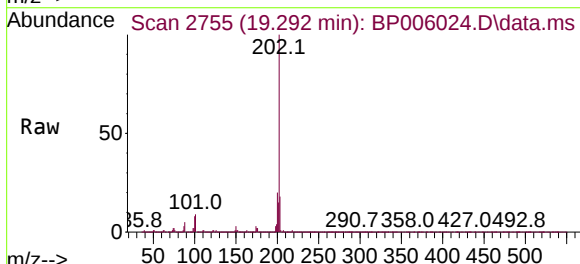
Instrument :
 BNA_P
 ClientSampled :
 SB-6A

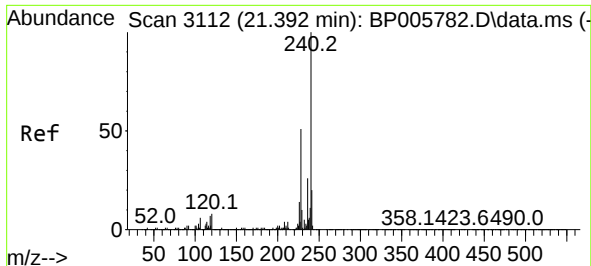
Tgt Ion:178 Resp: 84586
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.9 22.3
 179 16.1 12.2 18.2



#75
 Fluoranthene
 Concen: 19.97 ng
 RT: 19.292 min Scan# 2755
 Delta R.T. -0.006 min
 Lab File: BP006024.D
 Acq: 23 Jun 2021 01:54

Tgt Ion:202 Resp: 553818
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 27.6
 203 18.0 0.0 37.8

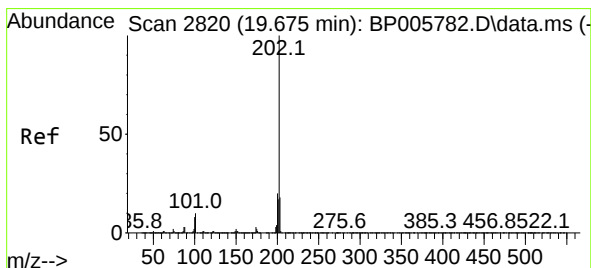
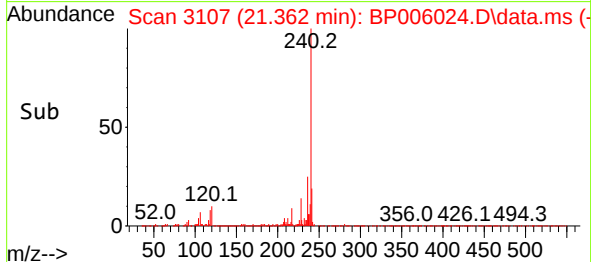
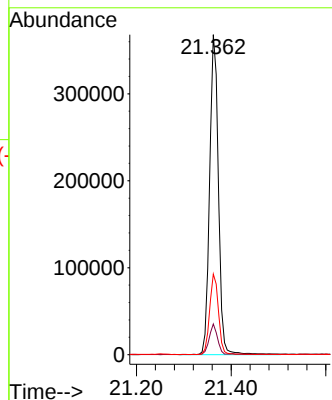
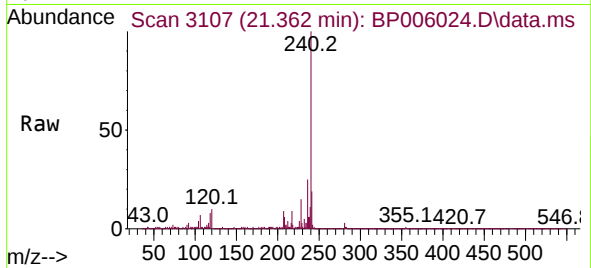




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.362 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

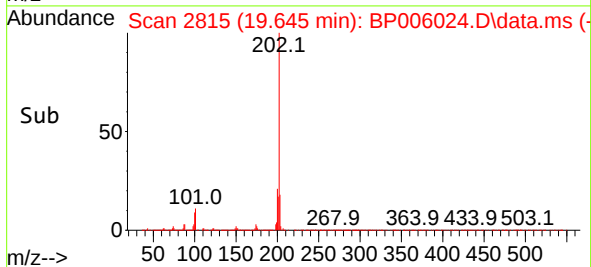
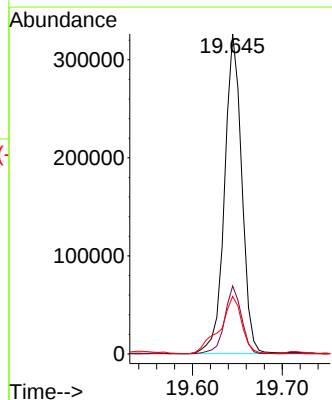
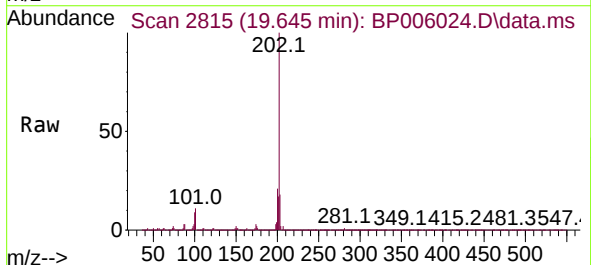
Instrument :
BNA_P
ClientSampleId :
SB-6A

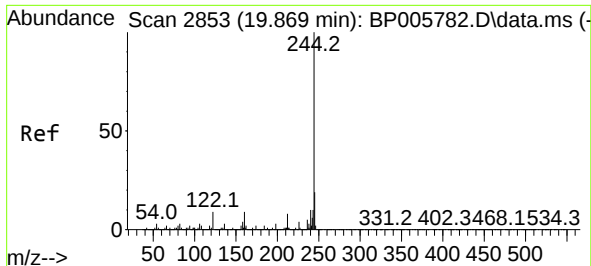
Tgt Ion:240 Resp: 471743
Ion Ratio Lower Upper
240 100
120 9.6 6.5 9.7
236 25.2 20.6 31.0



#78
Pyrene
Concen: 13.19 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:202 Resp: 434415
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 18.0 14.2 21.2



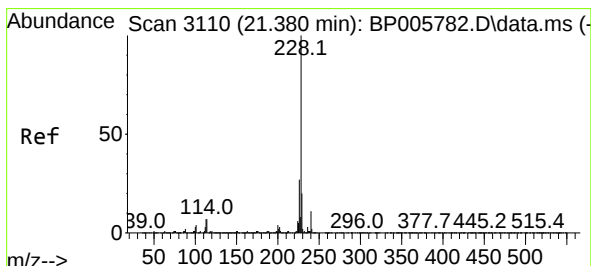
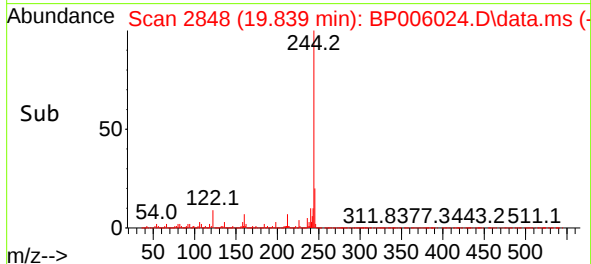
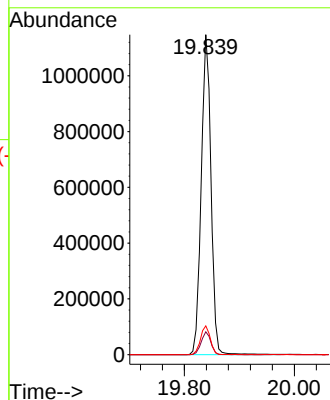
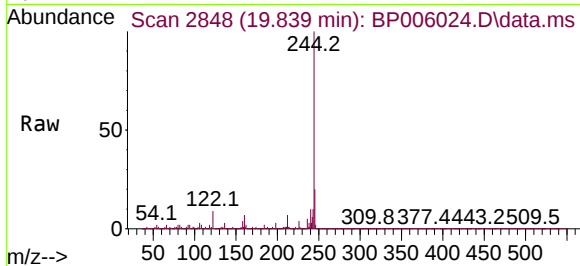


#79
 Terphenyl-d14
 Concen: 56.26 ng
 RT: 19.839 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BP006024.D
 Acq: 23 Jun 2021 01:54

Instrument :
 BNA_P
 ClientSampleId :
 SB-6A

Tgt Ion:244 Resp: 1417461

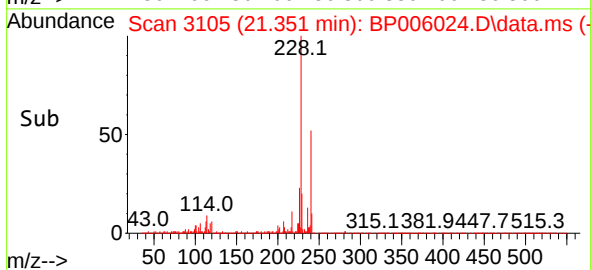
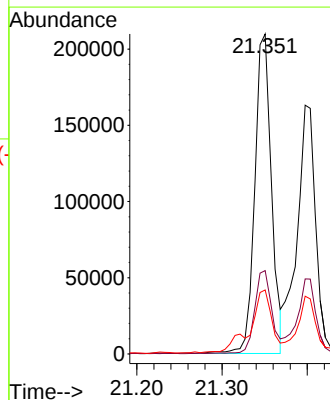
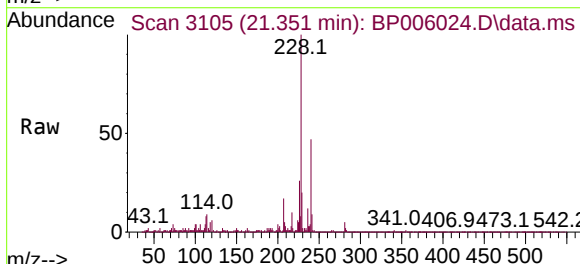
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.0	7.1	10.7

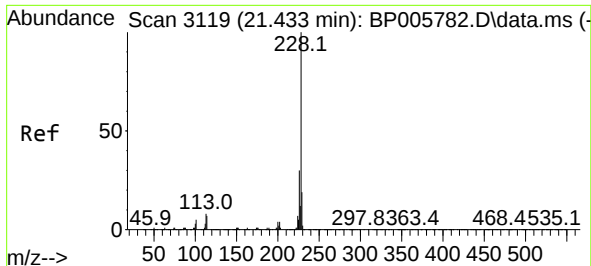


#81
 Benzo(a)anthracene
 Concen: 8.34 ng
 RT: 21.351 min Scan# 3105
 Delta R.T. -0.001 min
 Lab File: BP006024.D
 Acq: 23 Jun 2021 01:54

Tgt Ion:228 Resp: 283979

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.6	32.4
229	20.0	15.8	23.6

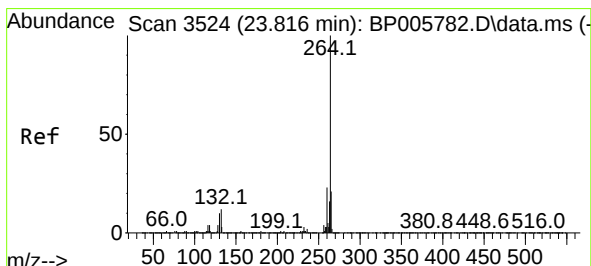
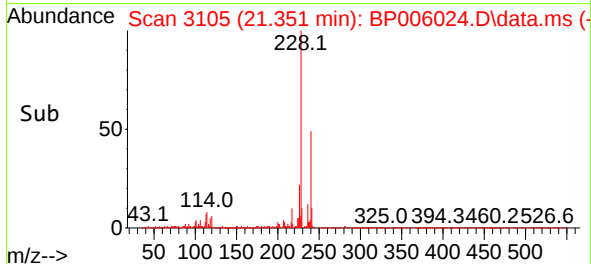
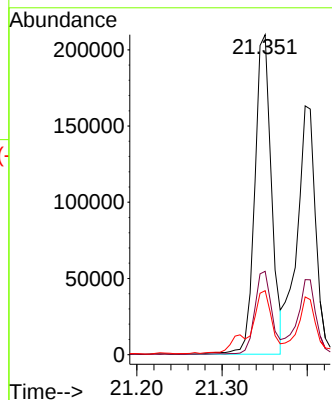
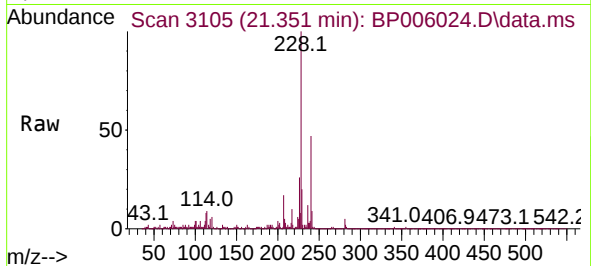




#83
Chrysene
Concen: 8.61 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.053 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

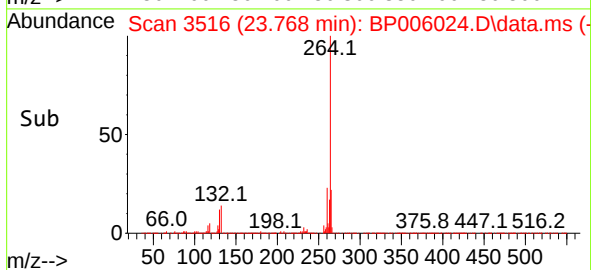
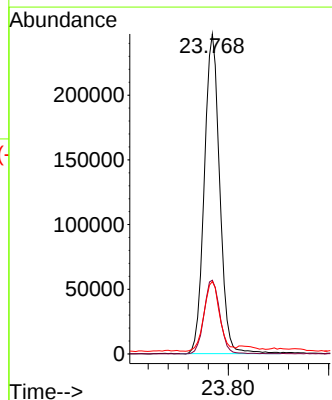
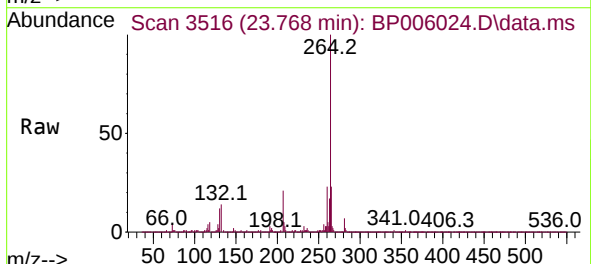
Instrument :
BNA_P
ClientSampled :
SB-6A

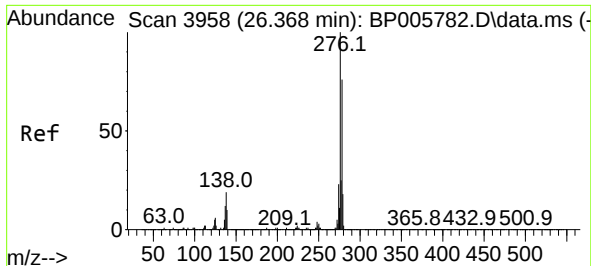
Tgt Ion:228 Resp: 283979
Ion Ratio Lower Upper
228 100
226 26.0 23.8 35.6
229 20.0 15.4 23.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:264 Resp: 527075
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 22.7 17.6 26.4

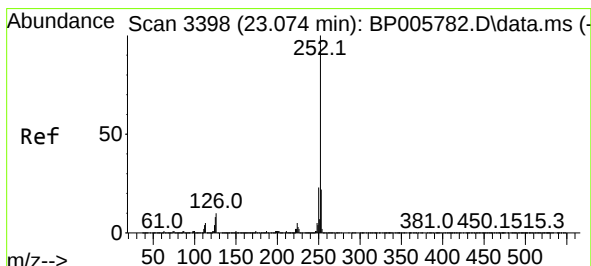
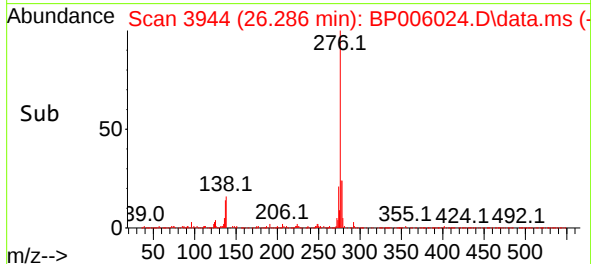
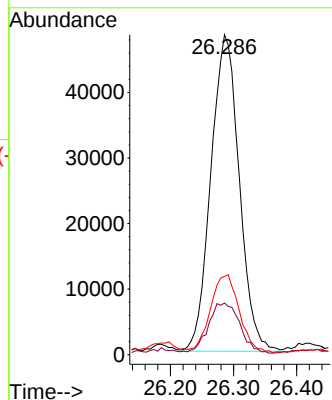
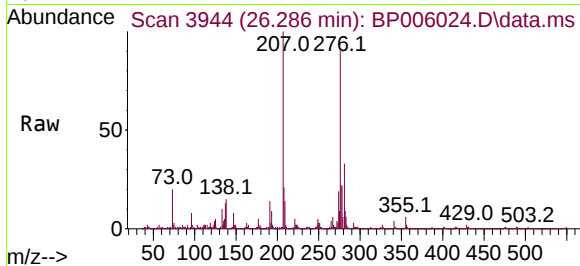




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.34 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.024 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

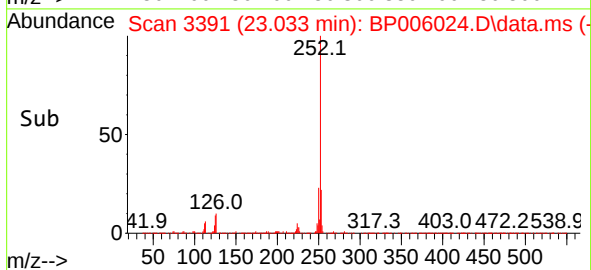
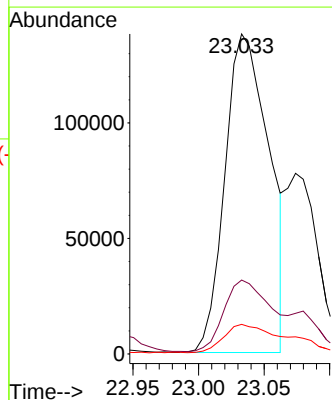
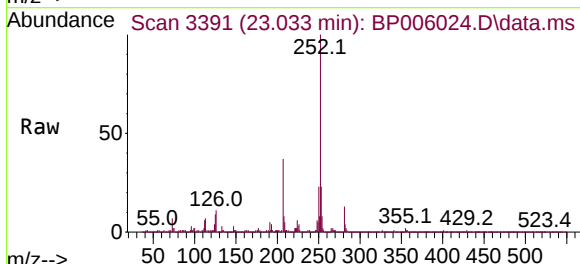
Instrument :
BNA_P
ClientSampleId :
SB-6A

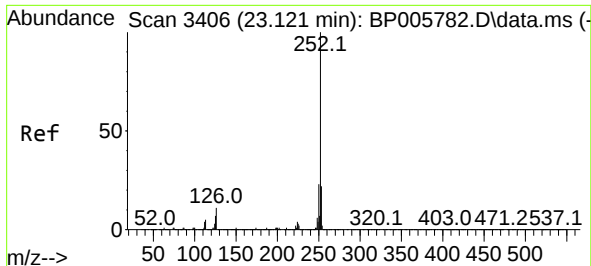
Tgt Ion:	276	Resp:	150644
Ion Ratio	Lower	Upper	
276	100		
138	17.6	15.3	22.9
277	24.8	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 8.93 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Tgt Ion:	252	Resp:	322371
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	9.2	6.2	9.4

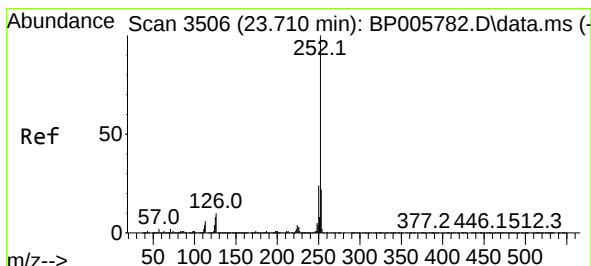
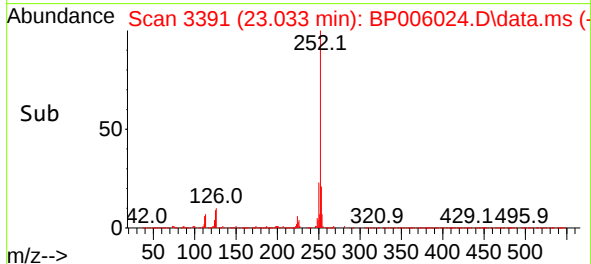
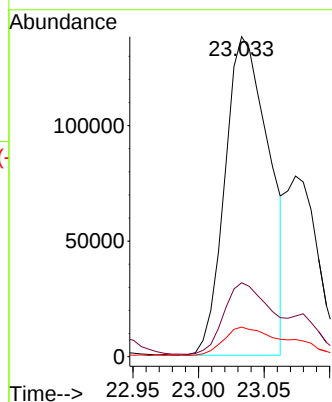
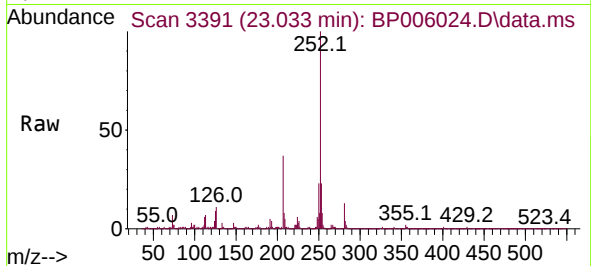




#89
Benzo(k)fluoranthene
Concen: 9.21 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.053 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

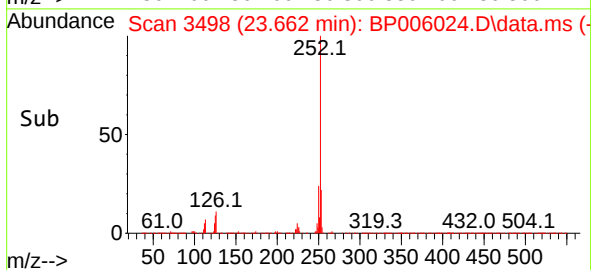
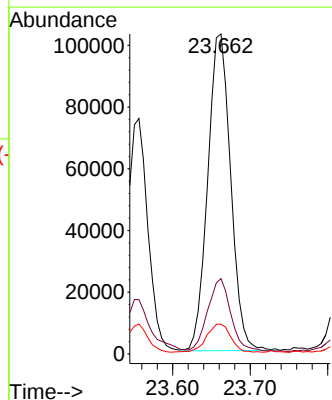
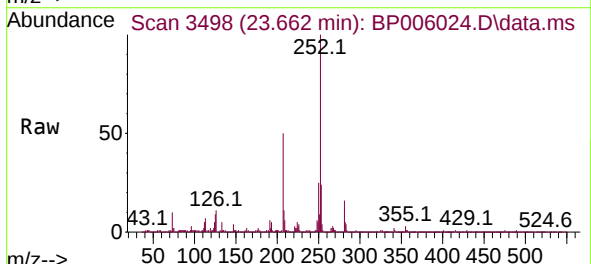
Instrument :
BNA_P
ClientSampled :
SB-6A

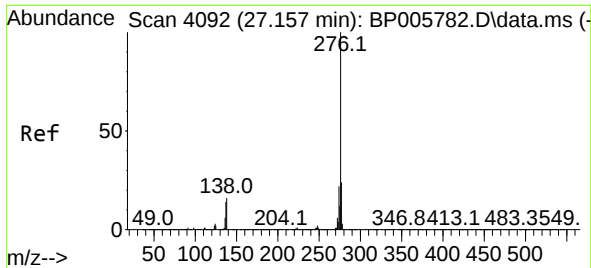
Tgt Ion:252 Resp: 322371
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 9.2 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 6.23 ng
RT: 23.662 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

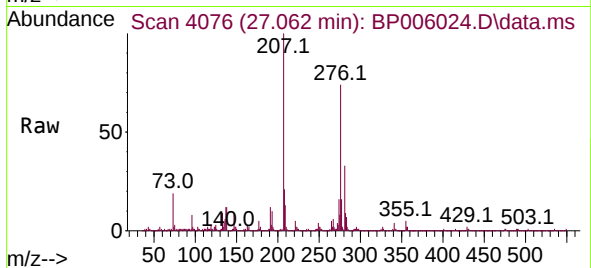
Tgt Ion:252 Resp: 211341
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 9.3 6.5 9.7





#92
Benzo(g,h,i)perylene
Concen: 3.51 ng
RT: 27.062 min Scan# 4076
Delta R.T. -0.024 min
Lab File: BP006024.D
Acq: 23 Jun 2021 01:54

Instrument :
BNA_P
ClientSampleId :
SB-6A



Tgt Ion:	276	Resp:	134431
Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.9	28.3
138	16.1	12.6	18.8

