

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
 Data File : BP006189.D
 Acq On : 12 Jul 2021 19:39
 Operator : CG/JU
 Sample : M3006-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-070921

Quant Time: Jul 13 04:16:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

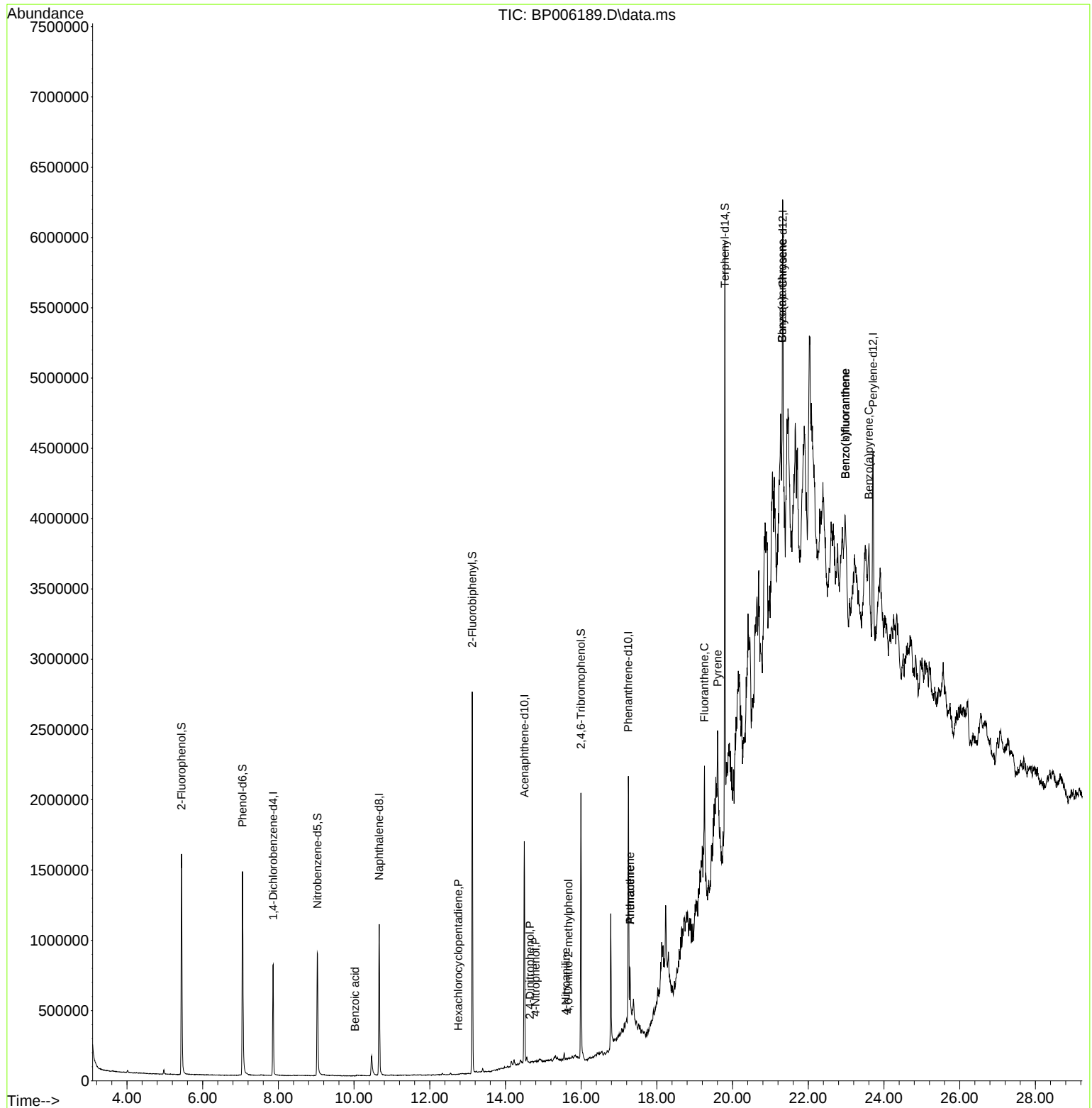
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	239718	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	967329	20.00	ng	0.00
39) Acenaphthene-d10	14.498	164	552067	20.00	ng	0.00
64) Phenanthrene-d10	17.245	188	1015403	20.00	ng	# 0.00
76) Chrysene-d12	21.328	240	912298	20.00	ng	# 0.00
86) Perylene-d12	23.710	264	1029741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	817773	58.70	ng	0.00
7) Phenol-d6	7.052	99	1022912	55.51	ng	0.00
23) Nitrobenzene-d5	9.028	82	571719	37.33	ng	0.00
42) 2,4,6-Tribromophenol	15.993	330	389446	59.25	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1404317	37.61	ng	0.00
79) Terphenyl-d14	19.798	244	1742905	37.67	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.028	122	28	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.752	237	24	8.71	ng	93
54) 2,4-Dinitrophenol	14.646	184	66	8.89	ng	# 1
56) 4-Nitrophenol	14.793	139	972	7.25	ng	# 15
62) 4-Nitroaniline	15.598	138	56	2.96	ng	92
65) 4,6-Dinitro-2-methylph...	15.663	198	72	4.43	ng	# 1
71) Phenanthrene	17.292	178	207443	3.62	ng	97
72) Anthracene	17.292	178	207443	3.69	ng	96
75) Fluoranthene	19.257	202	327923	5.22	ng	96
78) Pyrene	19.604	202	308431	5.00	ng	98
81) Benzo(a)anthracene	21.310	228	170992	2.96	ng	97
83) Chrysene	21.310	228	170992	3.00	ng	94
88) Benzo(b)fluoranthene	22.980	252	226149	3.62	ng	# 46
89) Benzo(k)fluoranthene	22.980	252	226149	3.70	ng	# 47
90) Benzo(a)pyrene	23.604	252	171997	2.93	ng	# 47

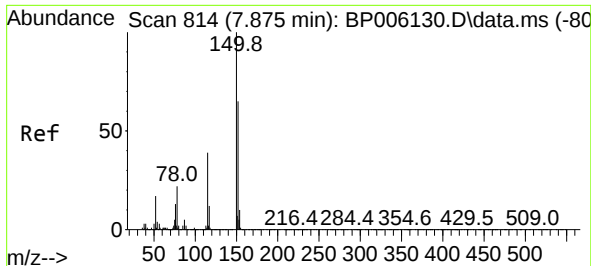
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006189.D
Acq On : 12 Jul 2021 19:39
Operator : CG/JU
Sample : M3006-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-070921

Quant Time: Jul 13 04:16:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

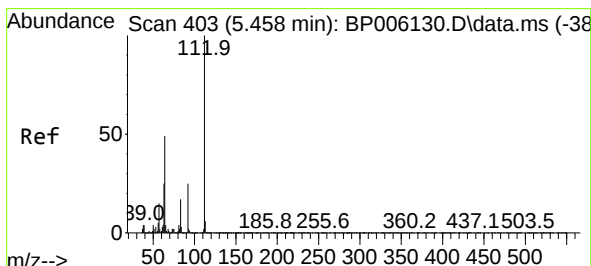
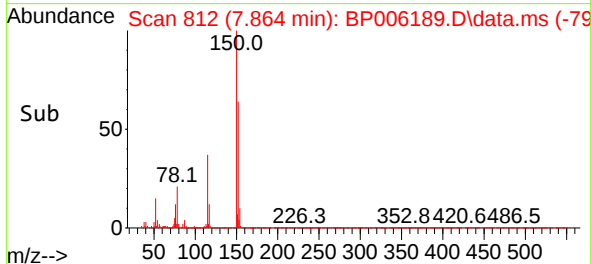
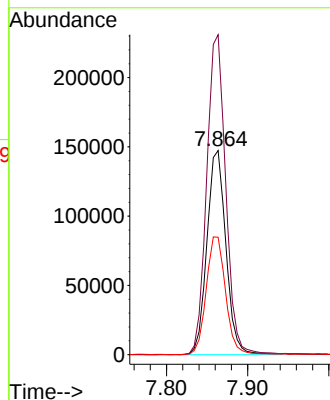
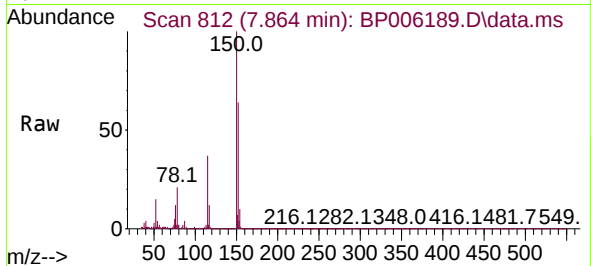




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.864 min Scan# 812
Delta R.T. 0.001 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

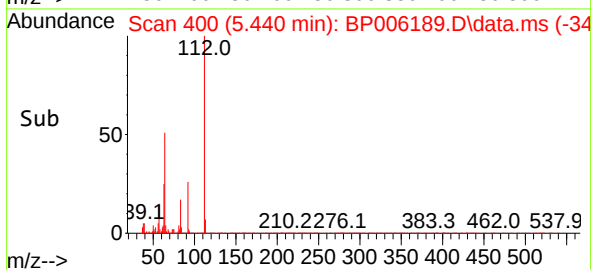
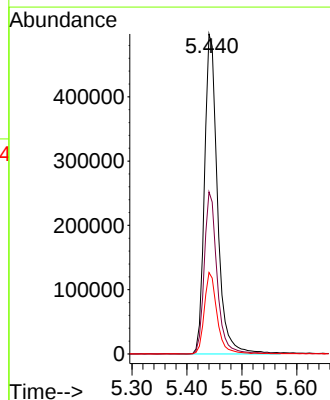
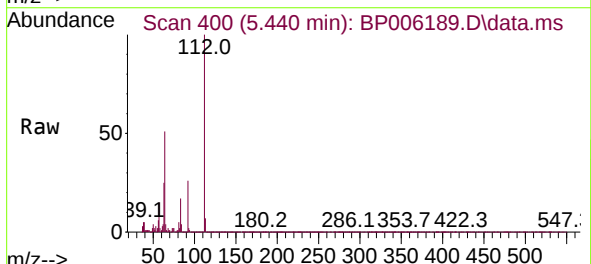
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

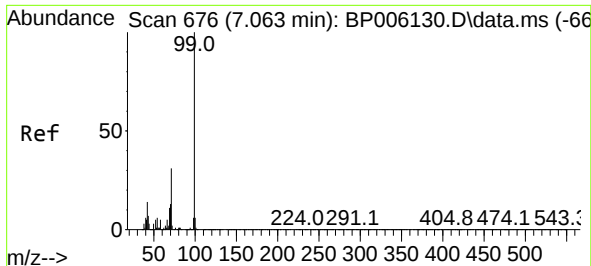
Tgt Ion:152 Resp: 239718
Ion Ratio Lower Upper
152 100
150 156.8 125.6 188.4
115 57.6 48.5 72.7



#5
2-Fluorophenol
Concen: 58.70 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.001 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:112 Resp: 817773
Ion Ratio Lower Upper
112 100
64 50.6 41.4 62.2
63 25.4 23.8 35.8

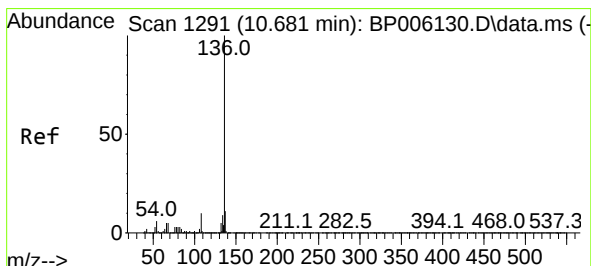
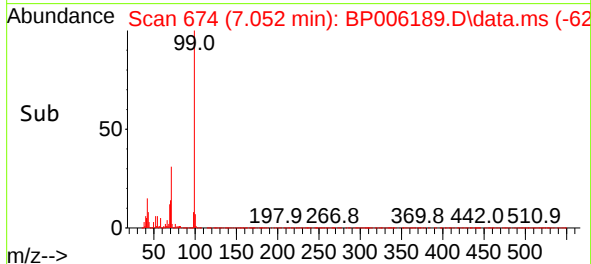
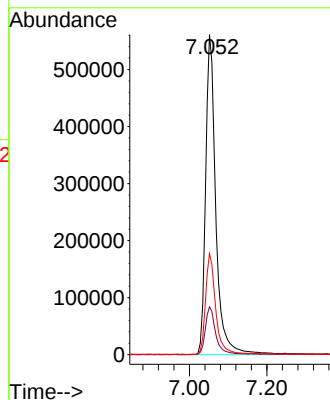
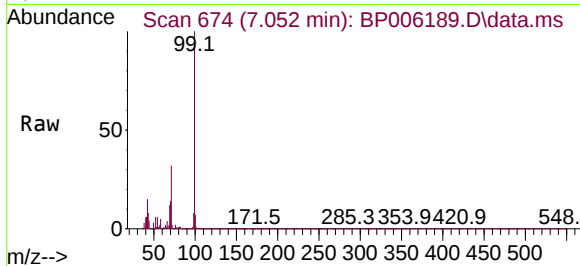




#7
Phenol-d6
Concen: 55.51 ng
RT: 7.052 min Scan# 674
Delta R.T. 0.006 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

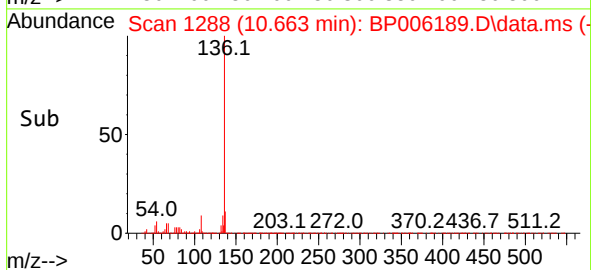
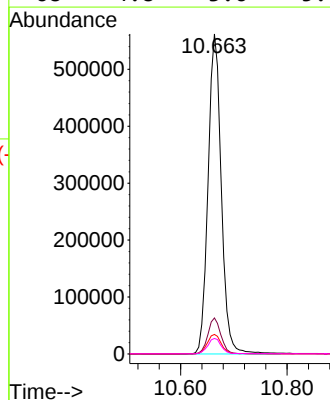
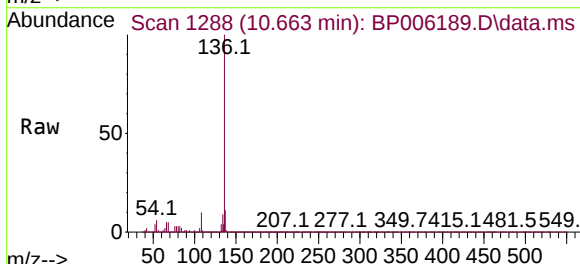
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

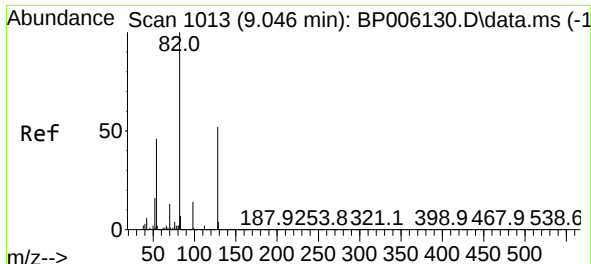
Tgt Ion: 99 Resp: 1022912
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 31.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion: 136 Resp: 967329
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 6.1 4.6 6.8
68 4.8 3.6 5.4

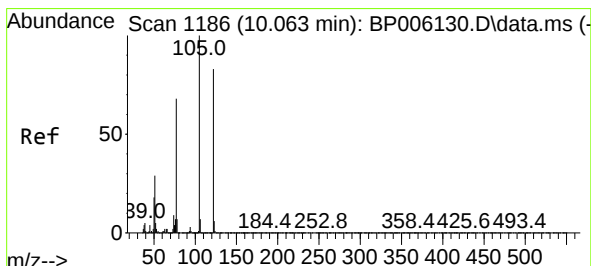
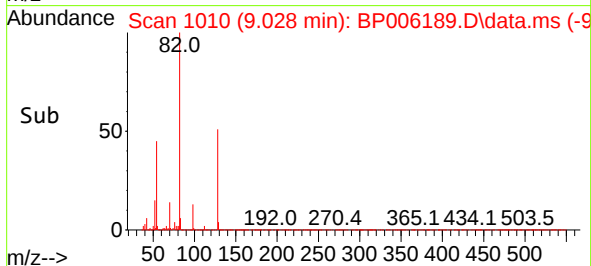
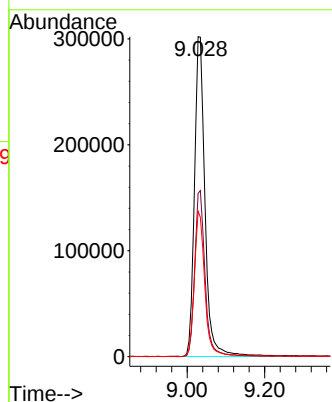
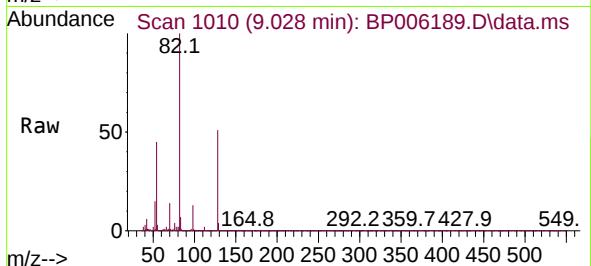




#23
Nitrobenzene-d5
Concen: 37.33 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

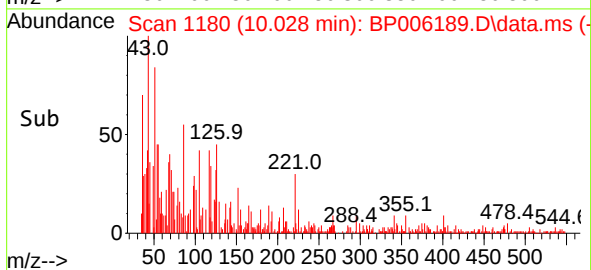
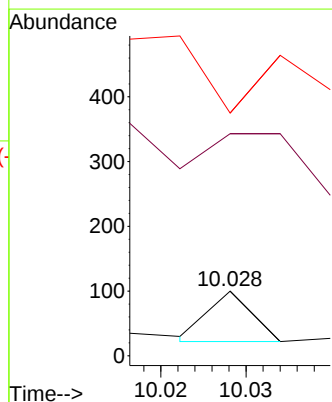
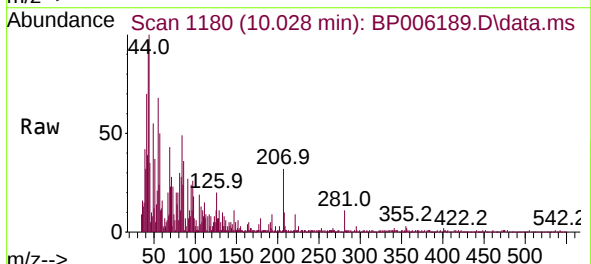
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

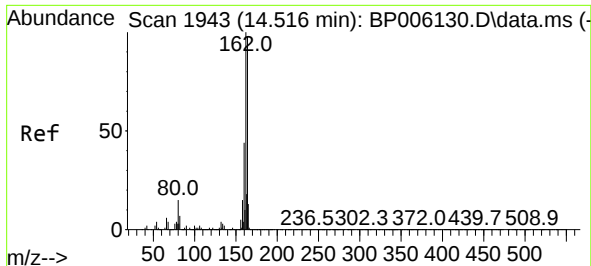
Tgt Ion: 82 Resp: 571719
Ion Ratio Lower Upper
82 100
128 51.1 35.7 53.5
54 45.5 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.028 min Scan# 1180
Delta R.T. -0.035 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:122 Resp: 28
Ion Ratio Lower Upper
122 100
105 343.0 103.2 143.2#
77 375.0 76.2 116.2#

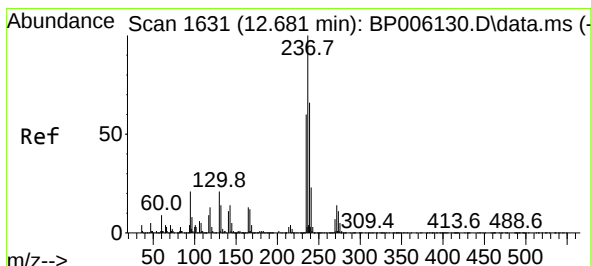
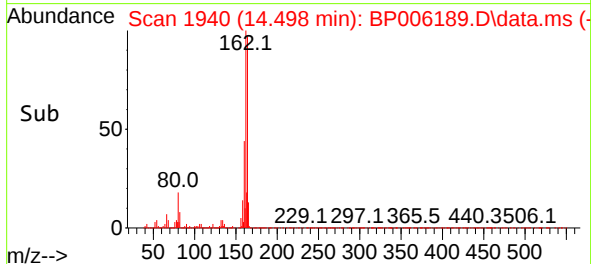
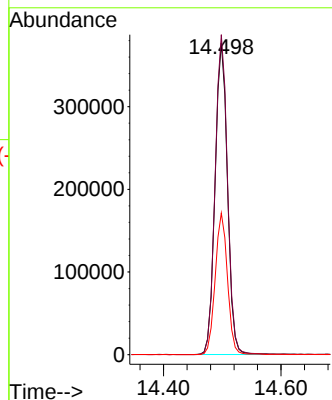
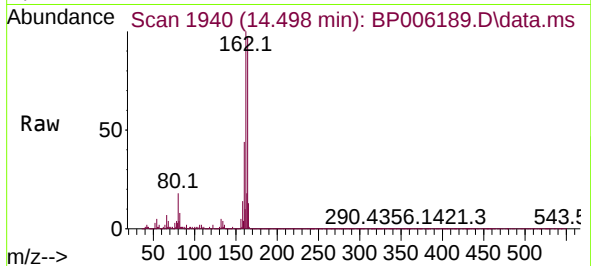




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

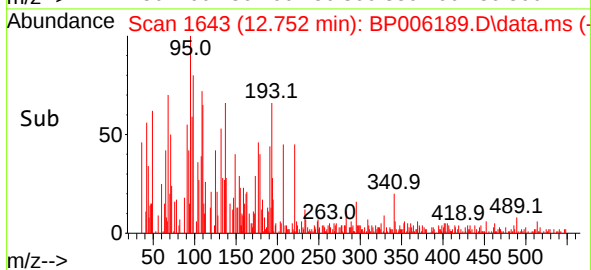
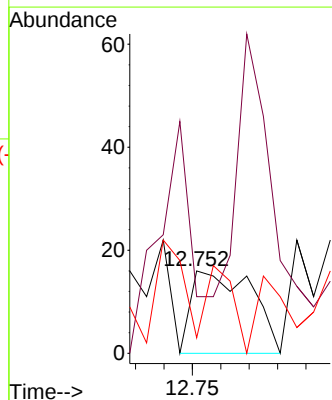
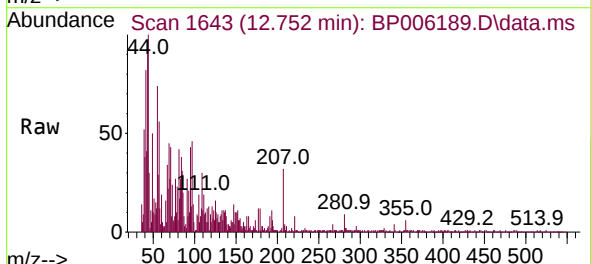
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

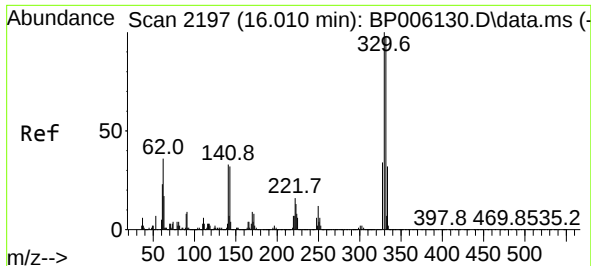
Tgt Ion:164 Resp: 552067
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 45.4 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.752 min Scan# 1643
Delta R.T. 0.083 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:237 Resp: 24
Ion Ratio Lower Upper
237 100
235 68.8 44.5 84.5
272 18.8 0.0 32.5

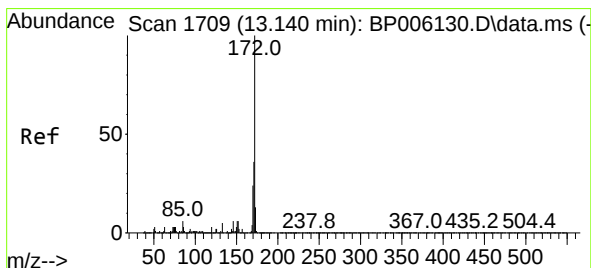
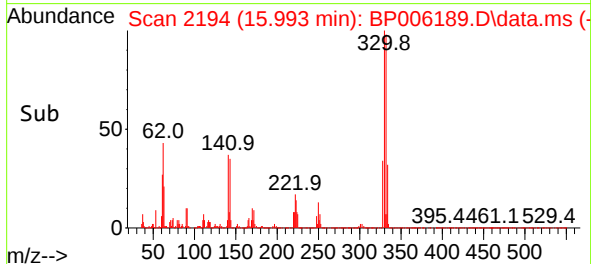
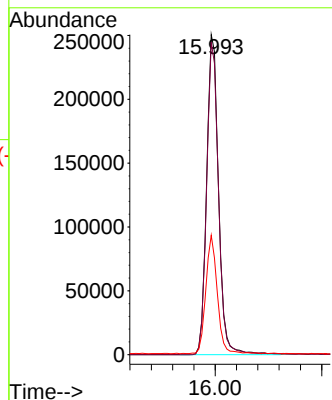
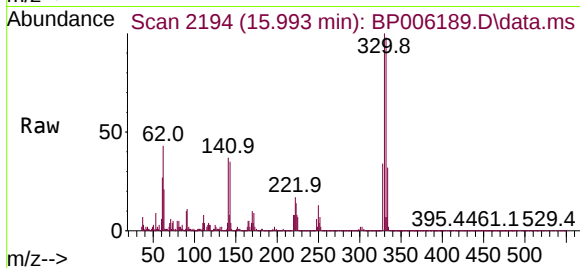




#42
2,4,6-Tribromophenol
Concen: 59.25 ng
RT: 15.993 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

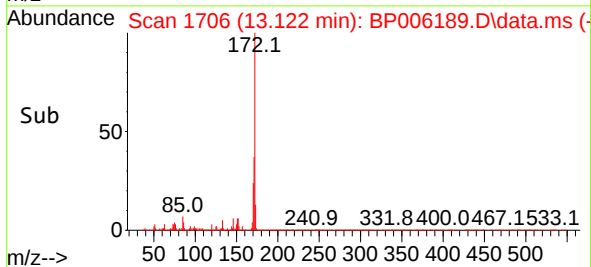
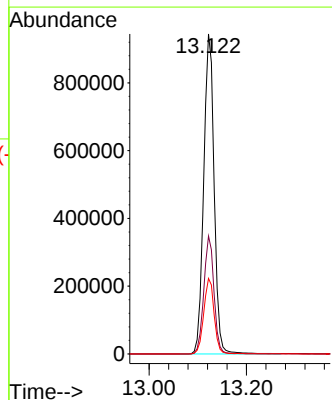
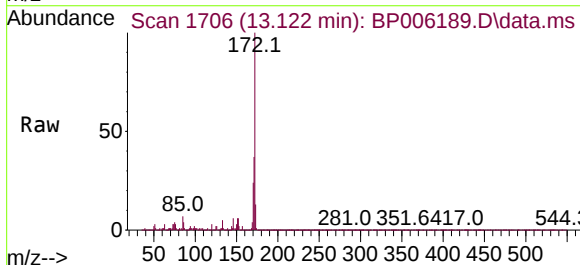
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

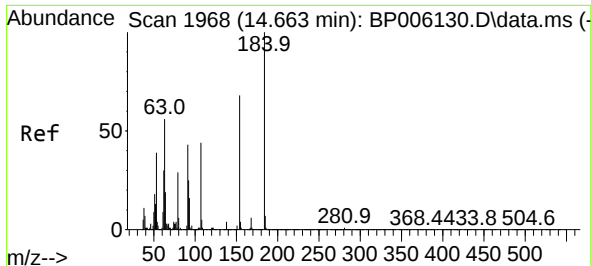
Tgt Ion:330 Resp: 389446
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 35.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 37.61 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:172 Resp: 1404317
Ion Ratio Lower Upper
172 100
171 36.9 27.9 41.9
170 23.6 18.6 27.8

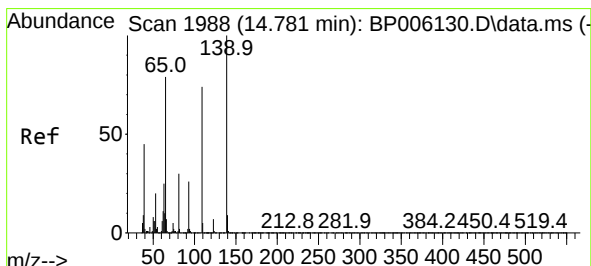
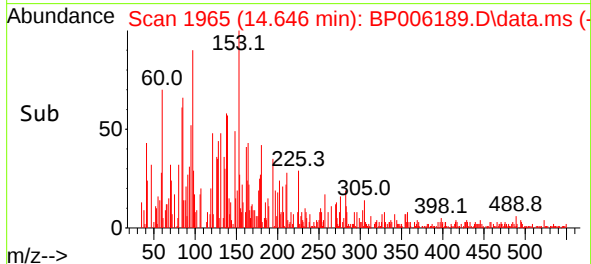
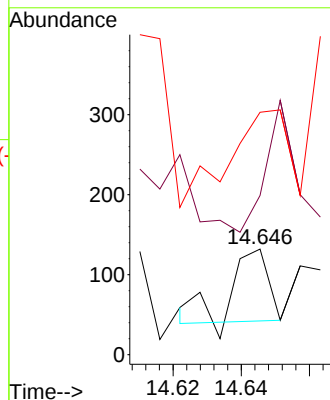
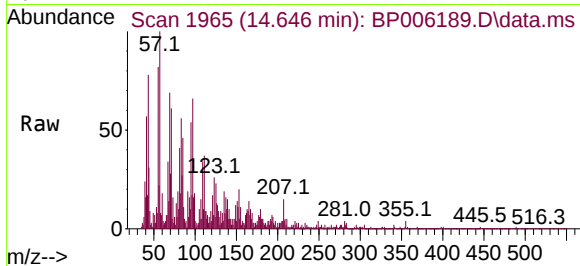




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.646 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

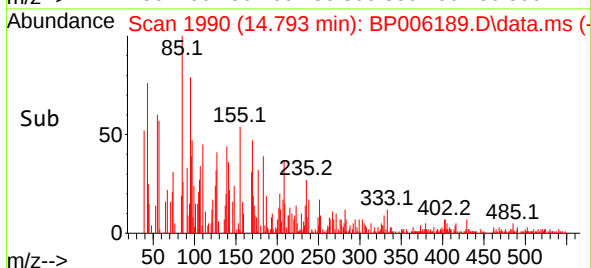
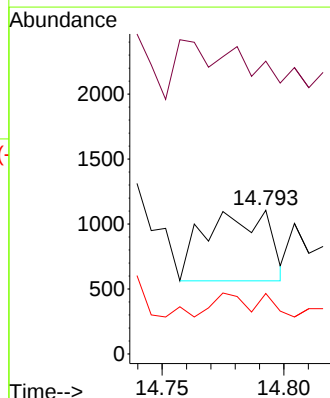
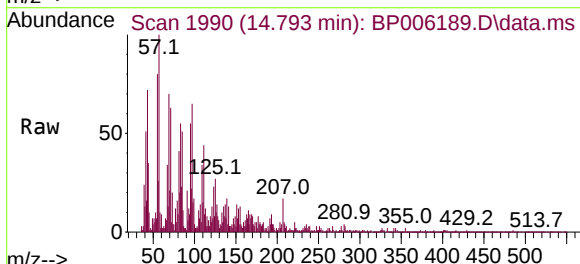
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

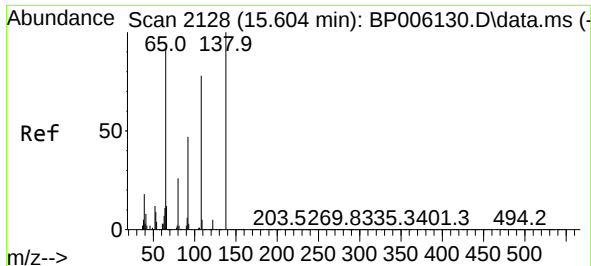
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 150.8 47.0 70.6#
154 229.5 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.25 ng
RT: 14.793 min Scan# 1990
Delta R.T. 0.024 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:139 Resp: 972
Ion Ratio Lower Upper
139 100
109 203.8 72.3 112.3#
65 42.1 72.5 112.5#

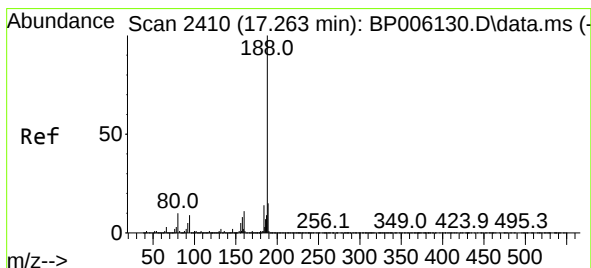
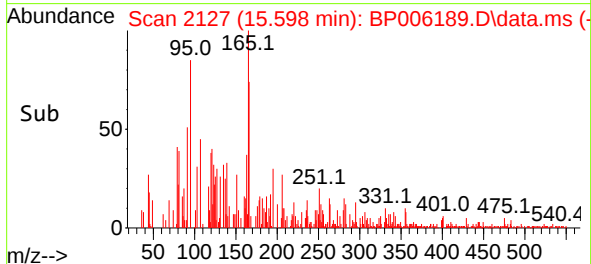
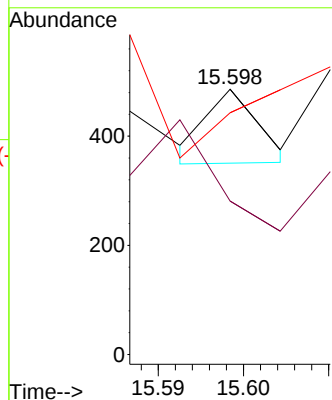
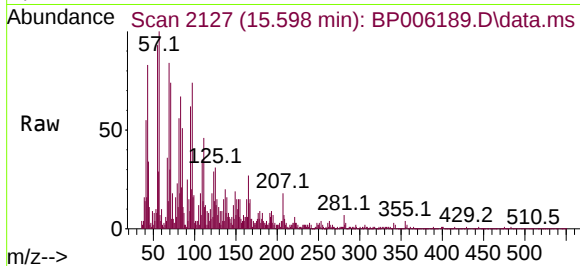




#62
4-Nitroaniline
Concen: 2.96 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

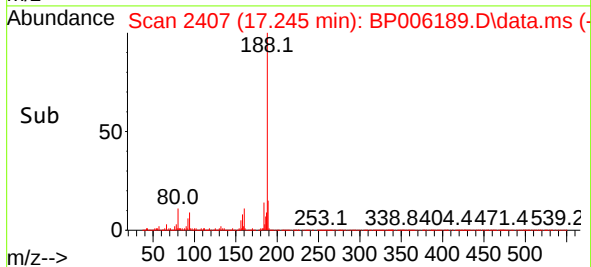
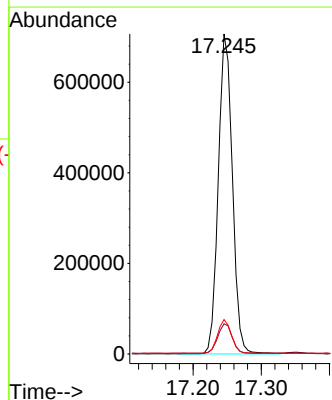
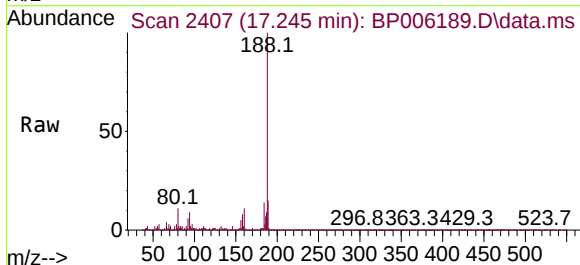
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

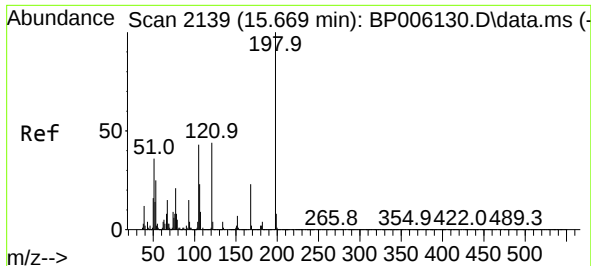
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
92 57.8 31.2 71.2
108 91.2 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:188 Resp: 1015403
Ion Ratio Lower Upper
188 100
94 9.5 5.6 8.4#
80 10.8 6.3 9.5#

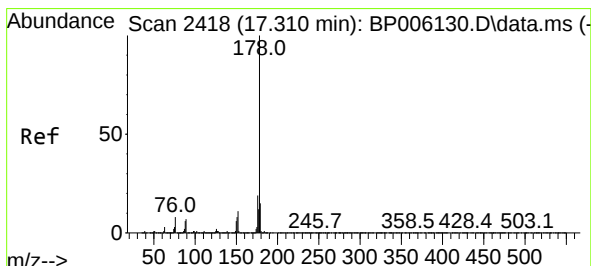
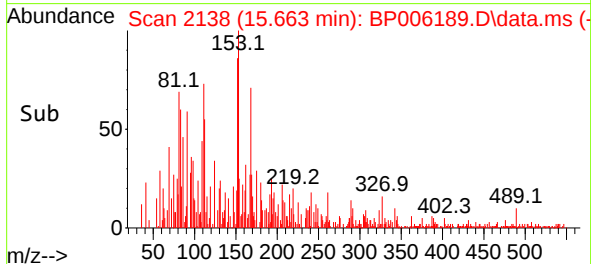
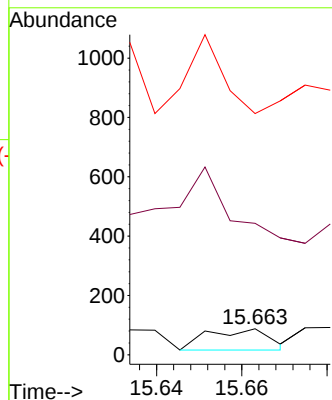
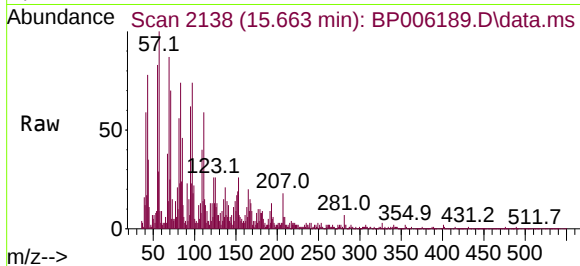




#65
4,6-Dinitro-2-methylphenol
Concen: 4.43 ng
RT: 15.663 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

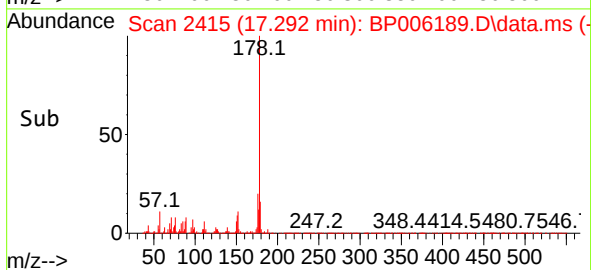
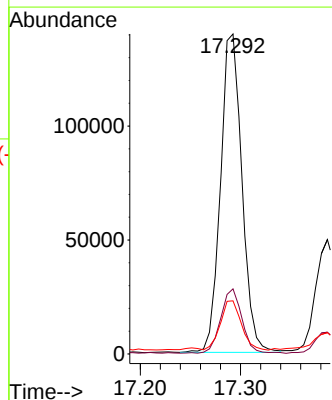
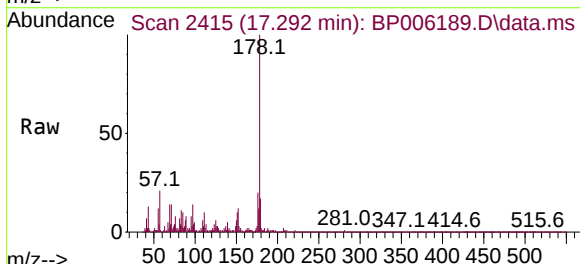
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

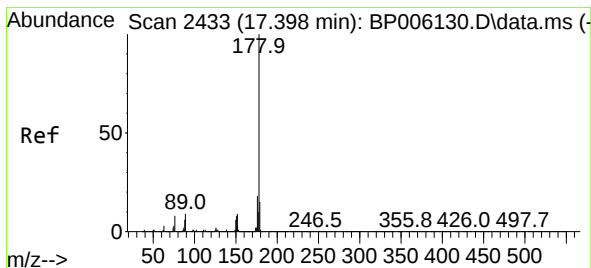
Tgt Ion:198 Resp: 72
Ion Ratio Lower Upper
198 100
51 503.4 14.0 54.0#
105 923.9 19.5 59.5#



#71
Phenanthrene
Concen: 3.62 ng
RT: 17.292 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:178 Resp: 207443
Ion Ratio Lower Upper
178 100
176 20.4 15.1 22.7
179 16.6 12.4 18.6





#72

Anthracene

Concen: 3.69 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.094 min

Lab File: BP006189.D

Acq: 12 Jul 2021 19:39

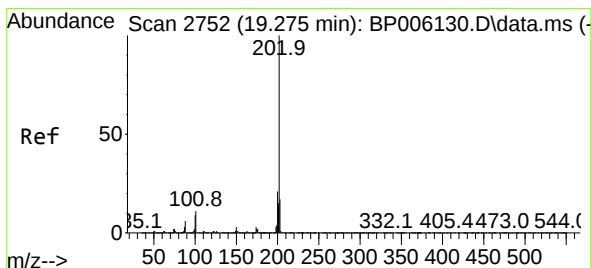
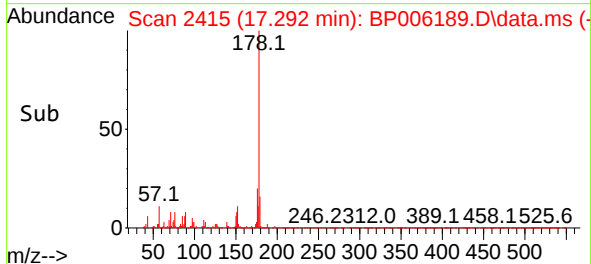
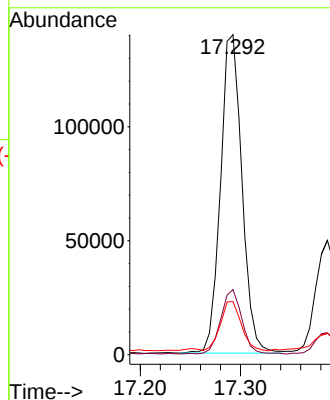
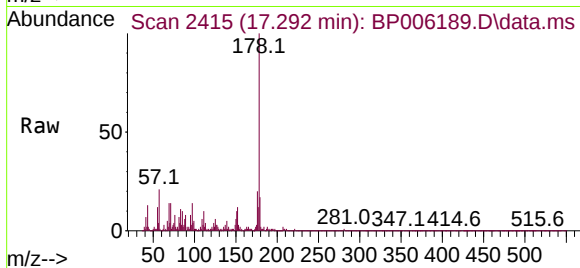
Instrument :

BNA_P

ClientSampleId :

CL-02-070921

Tgt Ion:178	Resp: 207443
Ion Ratio	Lower Upper
178	100
176	20.4 14.9 22.3
179	16.6 12.2 18.2



#75

Fluoranthene

Concen: 5.22 ng

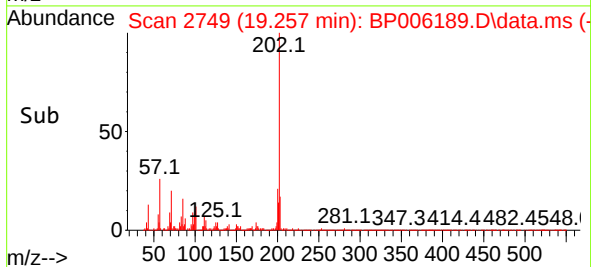
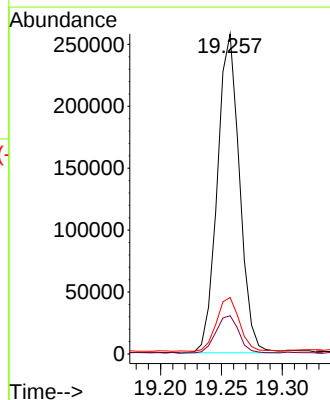
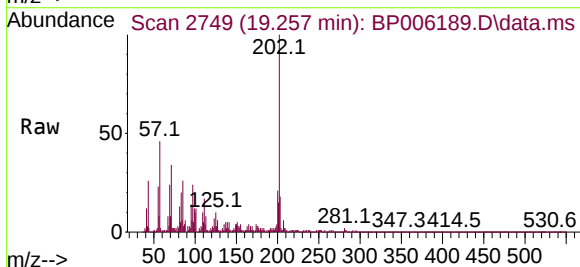
RT: 19.257 min Scan# 2749

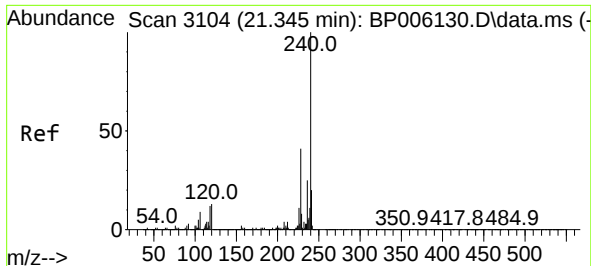
Delta R.T. 0.000 min

Lab File: BP006189.D

Acq: 12 Jul 2021 19:39

Tgt Ion:202	Resp: 327923
Ion Ratio	Lower Upper
202	100
101	12.0 0.0 27.6
203	17.7 0.0 37.8

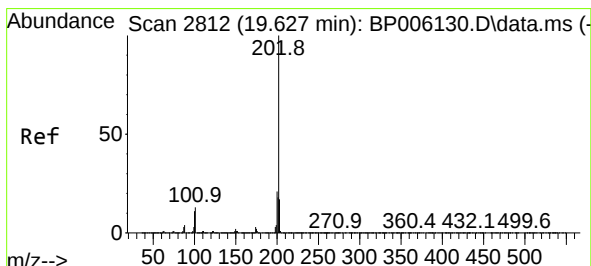
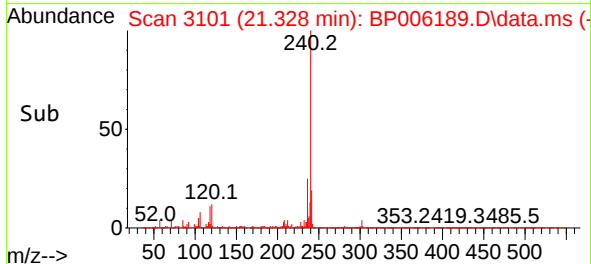
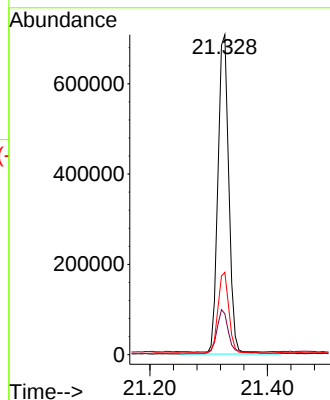
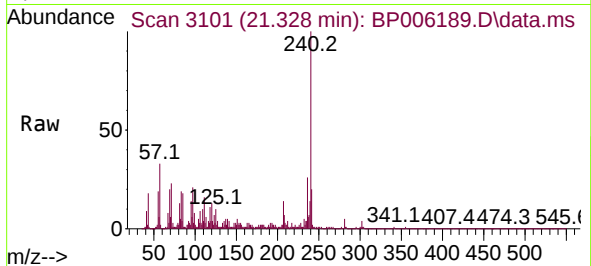




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.328 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

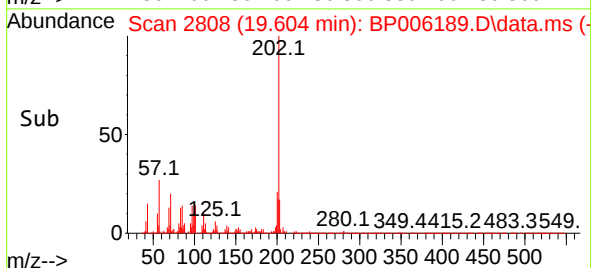
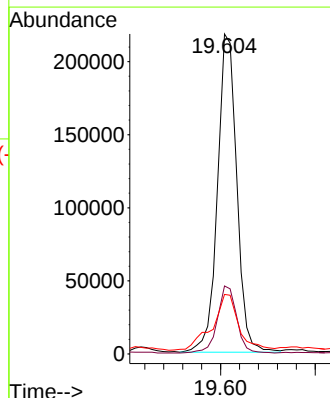
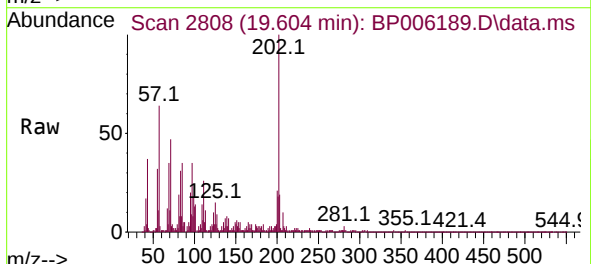
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

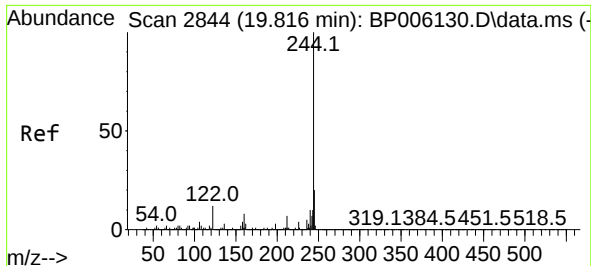
Tgt Ion:240 Resp: 912298
Ion Ratio Lower Upper
240 100
120 12.8 6.5 9.7#
236 25.7 20.6 31.0



#78
Pyrene
Concen: 5.00 ng
RT: 19.604 min Scan# 2808
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:202 Resp: 308431
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 18.6 14.2 21.2

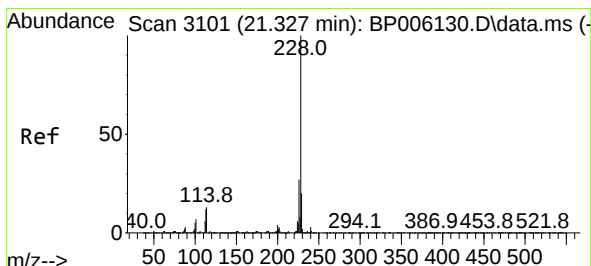
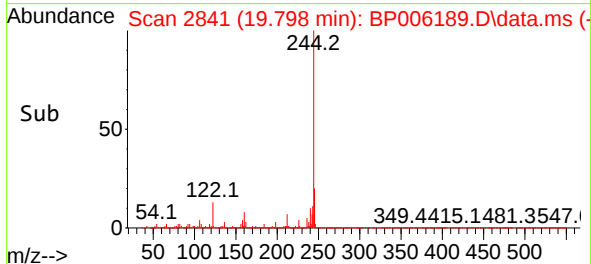
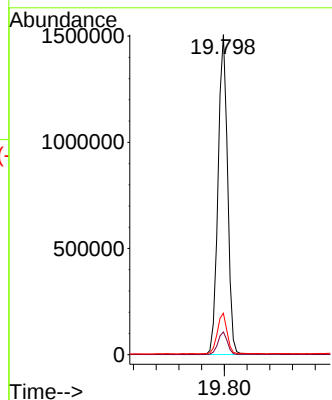
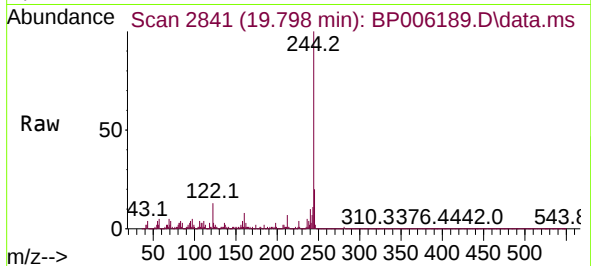




#79
Terphenyl-d14
Concen: 37.67 ng
RT: 19.798 min Scan# 2841
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

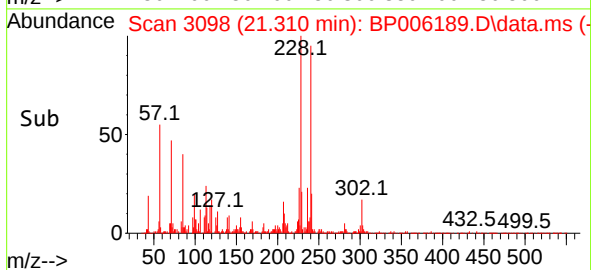
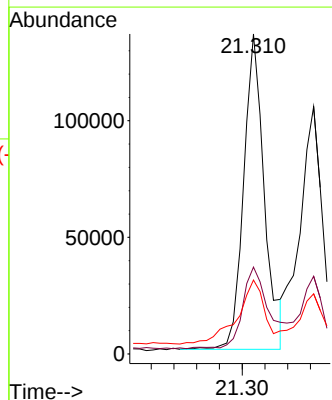
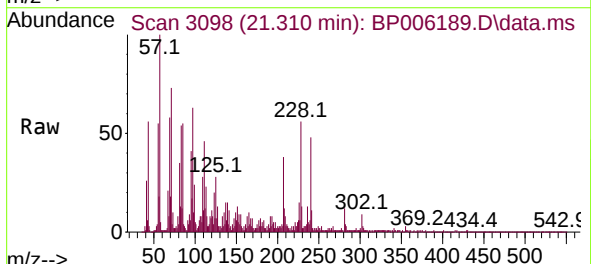
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

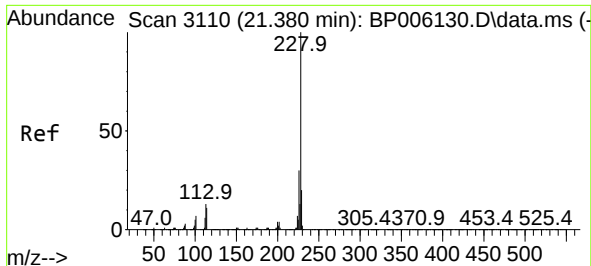
Tgt Ion:244 Resp: 1742905
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.0 7.1 10.7#



#81
Benzo(a)anthracene
Concen: 2.96 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:228 Resp: 170992
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 23.1 15.8 23.6

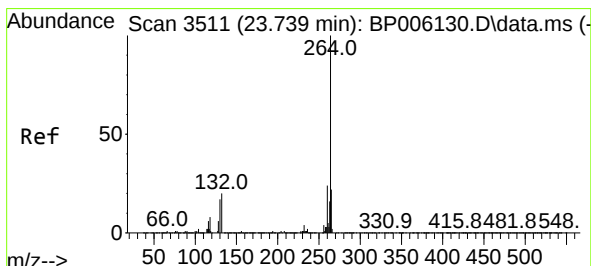
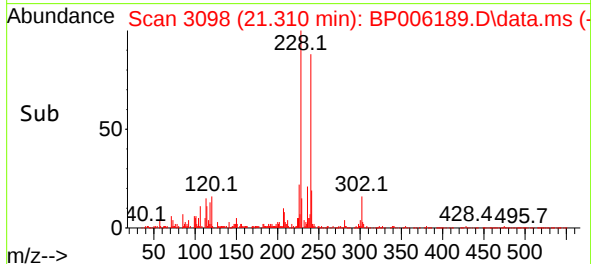
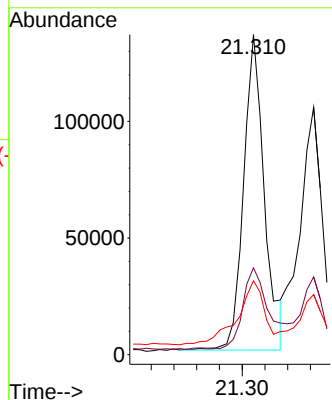
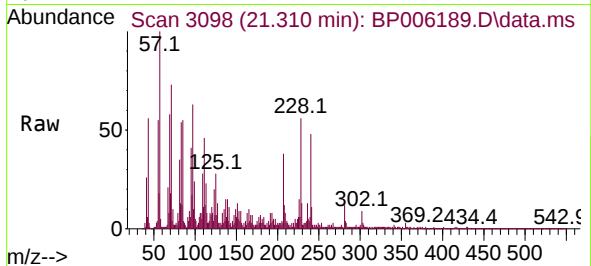




#83
Chrysene
Concen: 3.00 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.058 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

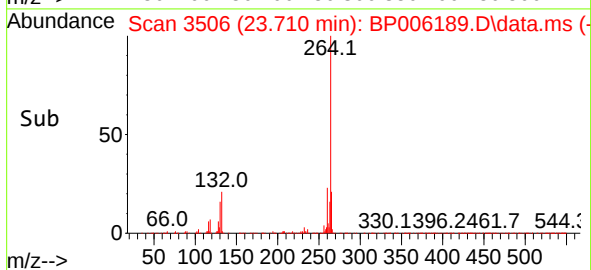
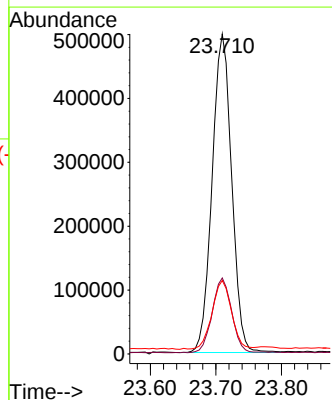
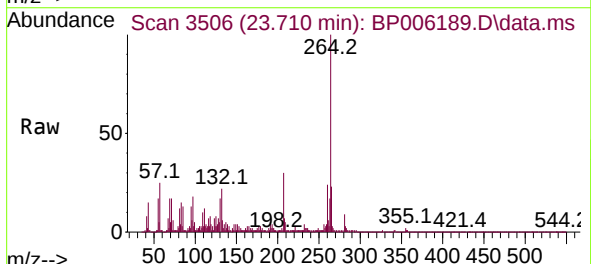
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

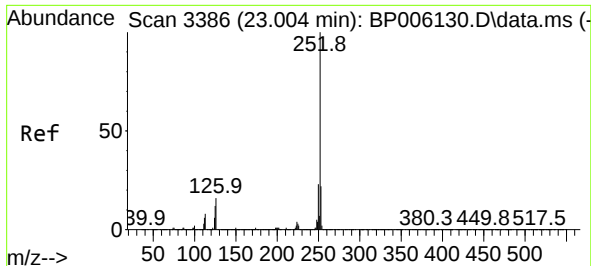
Tgt Ion:228 Resp: 170992
Ion Ratio Lower Upper
228 100
226 27.1 23.8 35.6
229 23.1 15.4 23.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.710 min Scan# 3506
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:264 Resp: 1029741
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.9 17.6 26.4

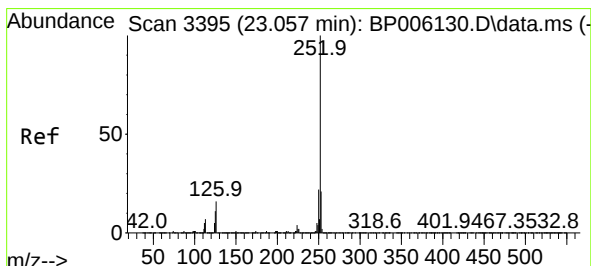
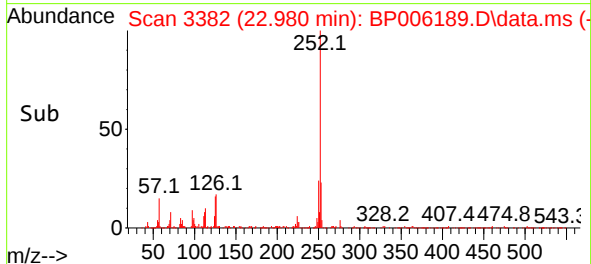
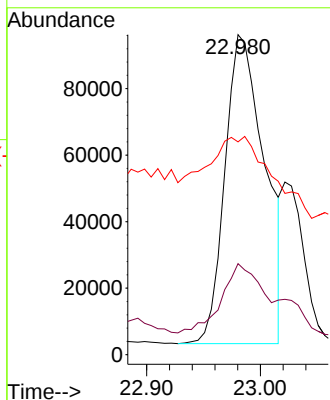
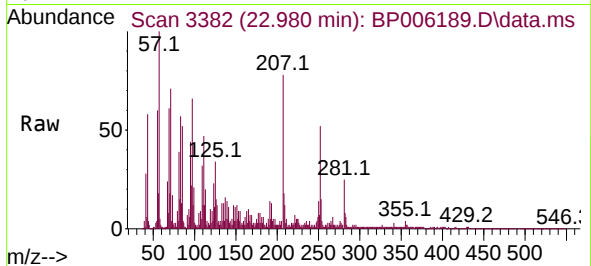




#88
Benzo(b)fluoranthene
Concen: 3.62 ng
RT: 22.980 min Scan# 3382
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

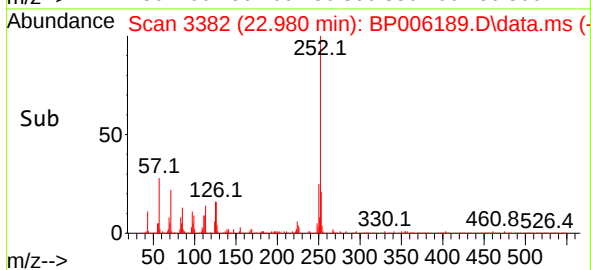
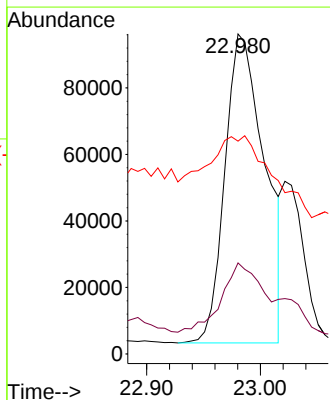
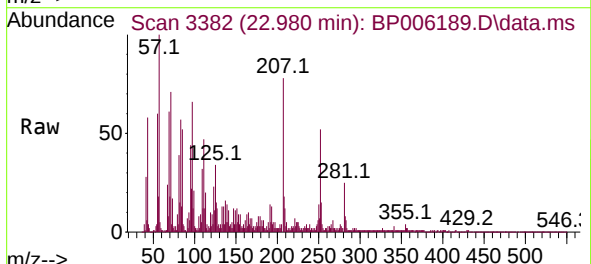
Instrument :
BNA_P
ClientSampleId :
CL-02-070921

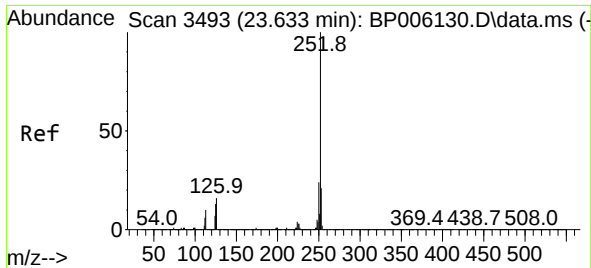
Tgt Ion:252 Resp: 226149
Ion Ratio Lower Upper
252 100
253 28.5 17.5 26.3#
125 66.5 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 3.70 ng
RT: 22.980 min Scan# 3382
Delta R.T. -0.052 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Tgt Ion:252 Resp: 226149
Ion Ratio Lower Upper
252 100
253 28.5 17.6 26.4#
125 66.5 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 2.93 ng
RT: 23.604 min Scan# 3488
Delta R.T. -0.005 min
Lab File: BP006189.D
Acq: 12 Jul 2021 19:39

Instrument :
BNA_P
ClientSampleId :
CL-02-070921

Tgt Ion:252 Resp: 171997
Ion Ratio Lower Upper
252 100
253 28.7 17.9 26.9#
125 65.6 6.5 9.7#

