

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120221\
 Data File : BP008200.D
 Acq On : 02 Dec 2021 20:00
 Operator : CG/JU
 Sample : M4876-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-120121

Quant Time: Dec 03 03:37:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 01 12:06:05 2021
 Response via : Initial Calibration

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

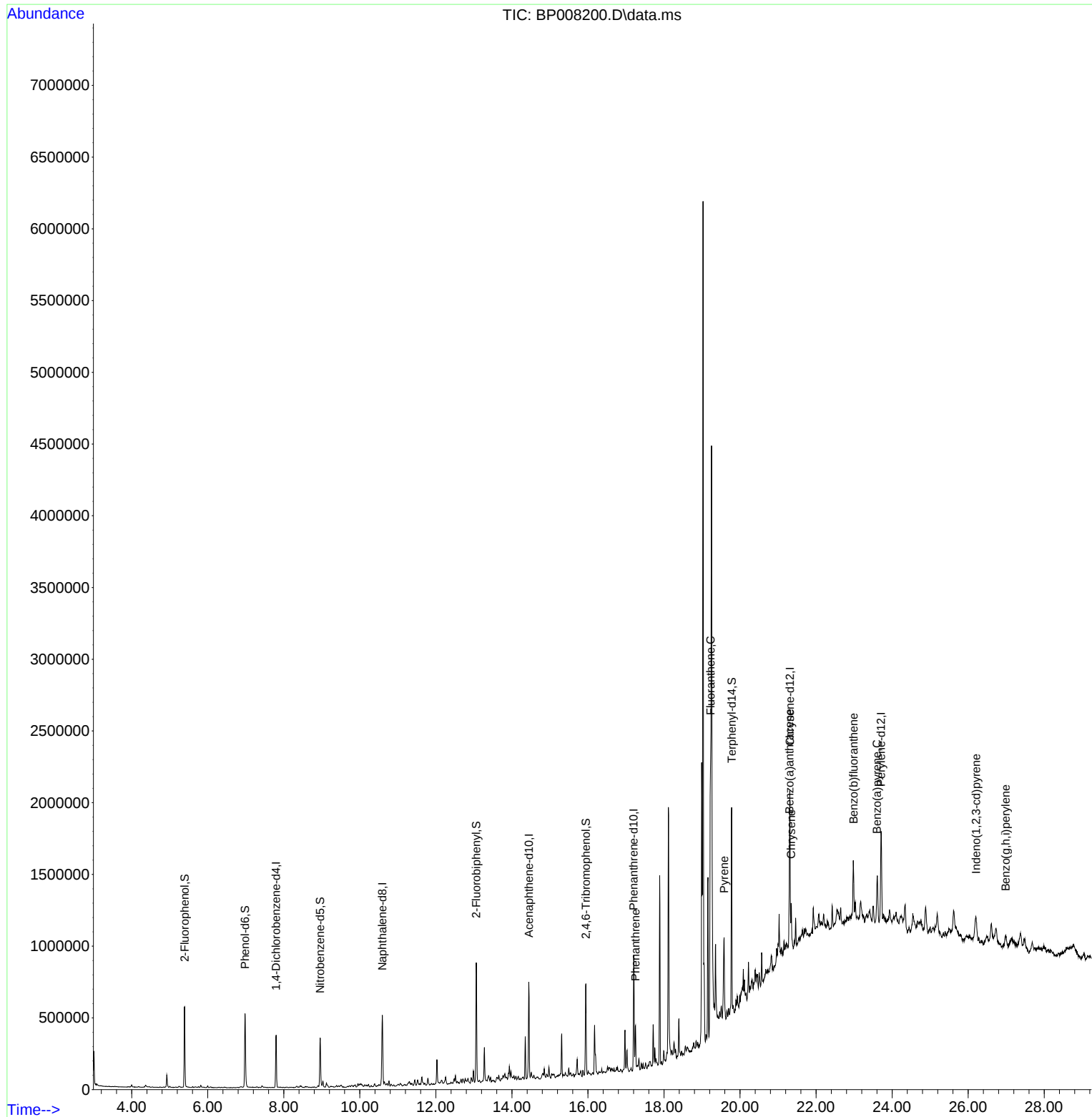
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	93956	20.000	ng	-0.02
21) Naphthalene-d8	10.593	136	354884	20.000	ng	-0.02
39) Acenaphthene-d10	14.445	164	223901	20.000	ng	-0.01
64) Phenanthrene-d10	17.204	188	474570	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	477355	20.000	ng	0.00
86) Perylene-d12	23.710	264	521094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	224803	38.524	ng	-0.01
7) Phenol-d6	6.981	99	290771	36.912	ng	-0.02
23) Nitrobenzene-d5	8.957	82	201972	25.880	ng	-0.02
42) 2,4,6-Tribromophenol	15.945	330	119977	41.923	ng	-0.01
45) 2-Fluorobiphenyl	13.063	172	424631	27.548	ng	-0.02
79) Terphenyl-d14	19.780	244	662351	28.999	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.251	178	187010	7.464	ng	98
75) Fluoranthene	19.227	202	324913	9.626	ng	99
78) Pyrene	19.580	202	315127	8.375	ng	99
81) Benzo(a)anthracene	21.298	228	155571	4.917	ng	# 92
83) Chrysene	21.345	228	164700	5.471	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.209	276	105594	2.785	ng	# 94
88) Benzo(b)fluoranthene	22.986	252	203023	6.463	ng	# 82
90) Benzo(a)pyrene	23.604	252	140033	5.216	ng	# 89
92) Benzo(g,h,i)perylene	26.986	276	106943	3.367	ng	95

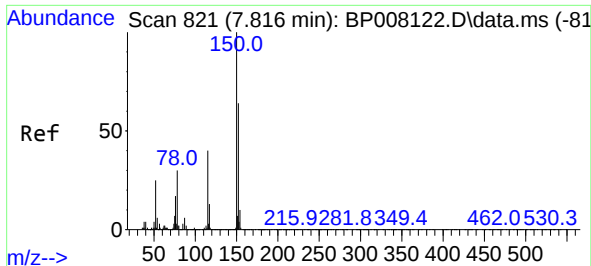
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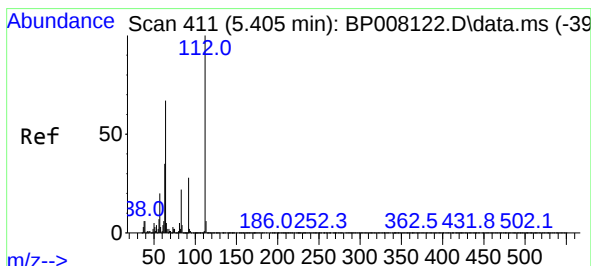
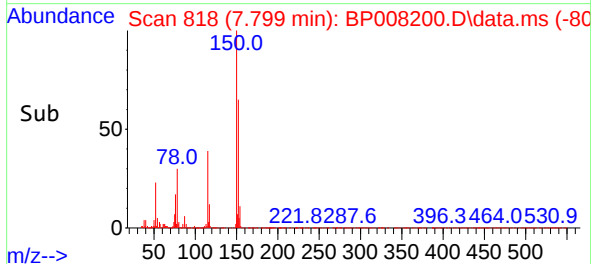
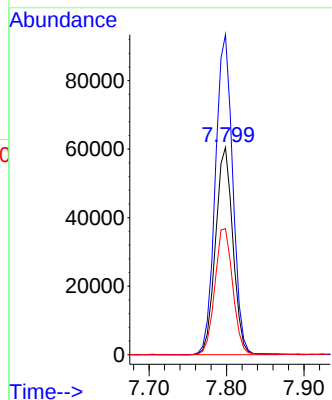
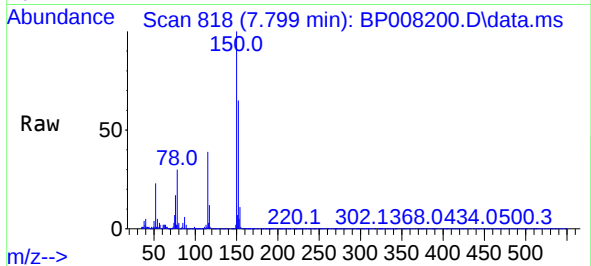




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

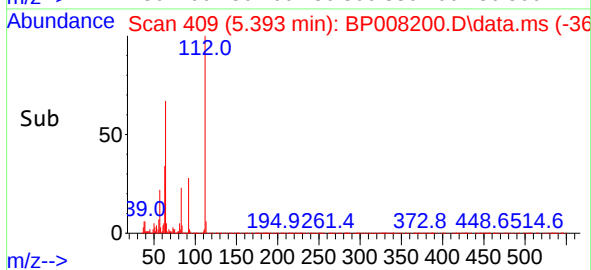
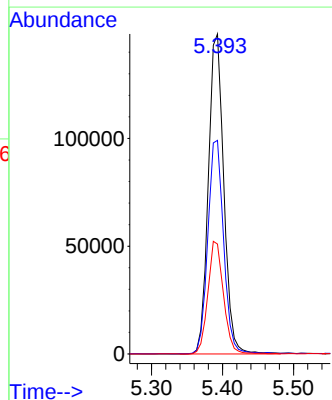
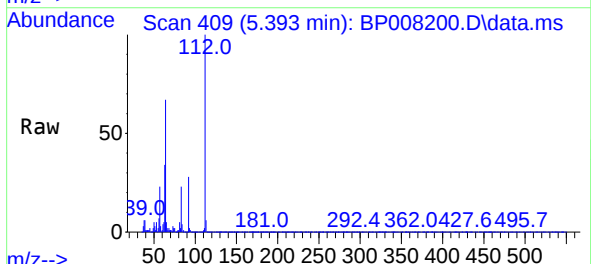
Instrument :
BNA_P
ClientSampleId :
CL-02-120121

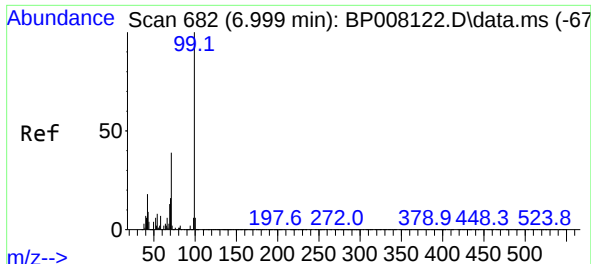
Tgt Ion:152 Resp: 93956
Ion Ratio Lower Upper
152 100
150 154.3 125.7 188.5
115 60.8 50.7 76.1



#5
2-Fluorophenol
Concen: 38.524 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

Tgt Ion:112 Resp: 224803
Ion Ratio Lower Upper
112 100
64 66.7 53.4 80.2
63 34.3 27.8 41.8

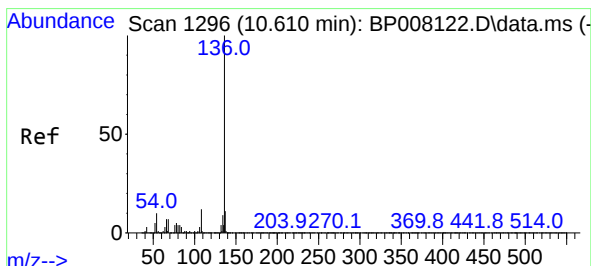
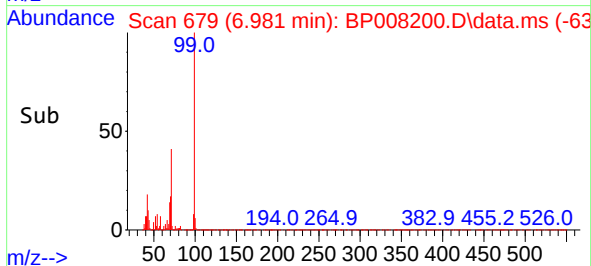
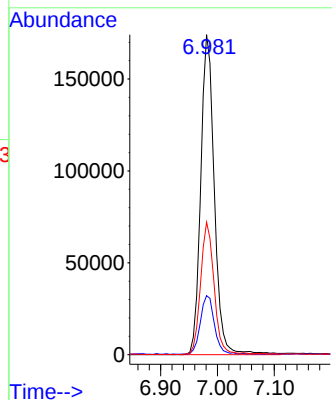
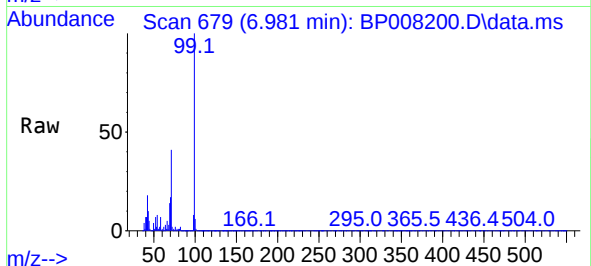




#7
Phenol-d6
Concen: 36.912 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

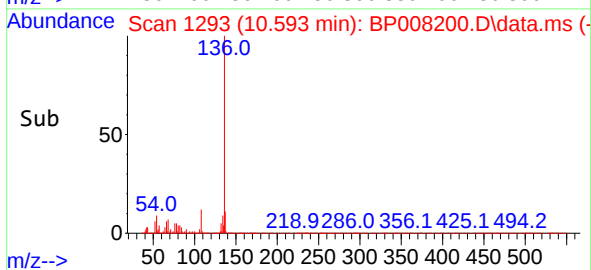
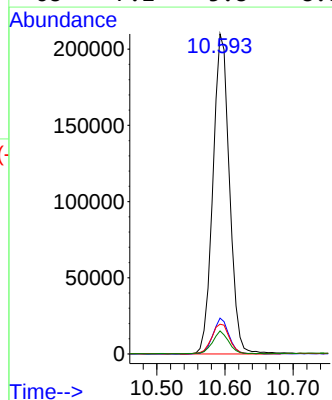
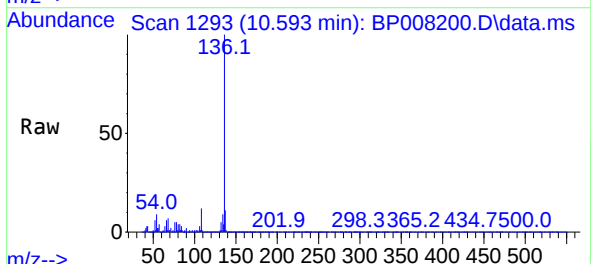
Instrument :
BNA_P
ClientSampleId :
CL-02-120121

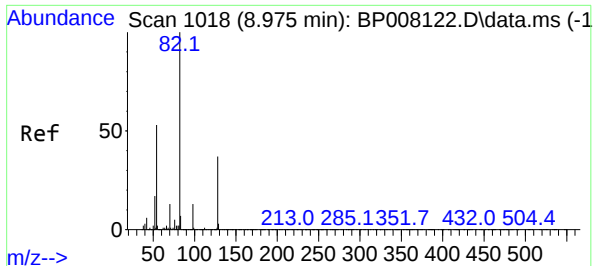
Tgt Ion: 99 Resp: 290771
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 41.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

Tgt Ion: 136 Resp: 354884
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.3 8.2 12.4
68 7.2 5.8 8.8

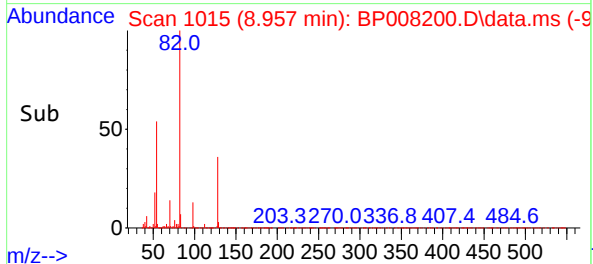
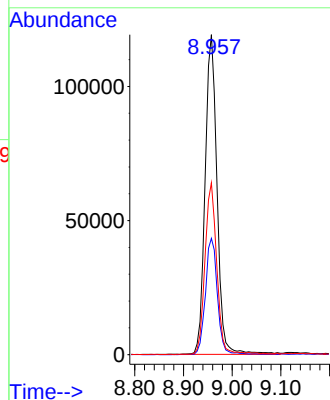
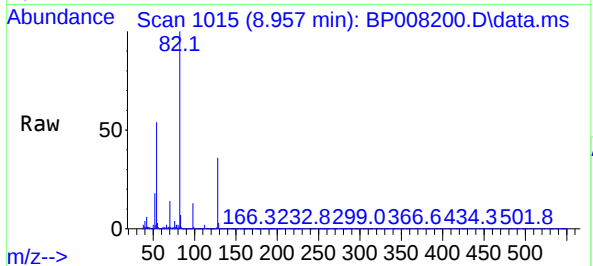




#23
Nitrobenzene-d5
Concen: 25.880 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

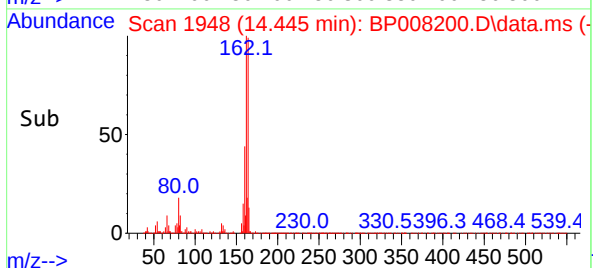
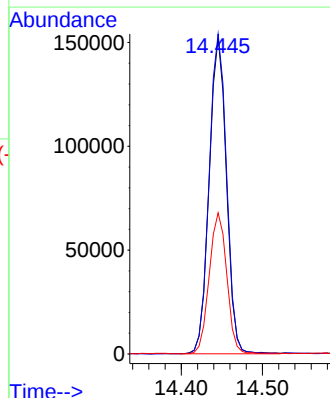
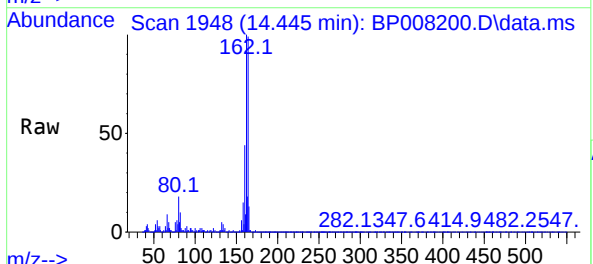
Instrument :
BNA_P
ClientSampleId :
CL-02-120121

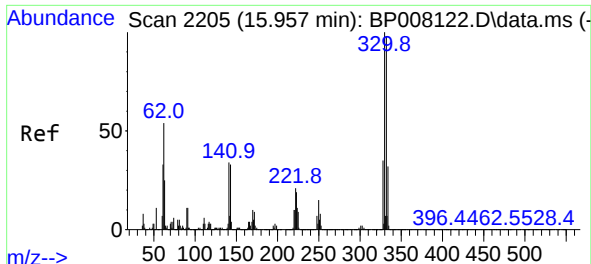
Tgt Ion: 82 Resp: 201972
Ion Ratio Lower Upper
82 100
128 36.4 29.6 44.4
54 53.7 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

Tgt Ion: 164 Resp: 223901
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 41.923 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP008200.D

Acq: 02 Dec 2021 20:00

Instrument :

BNA_P

ClientSampleId :

CL-02-120121

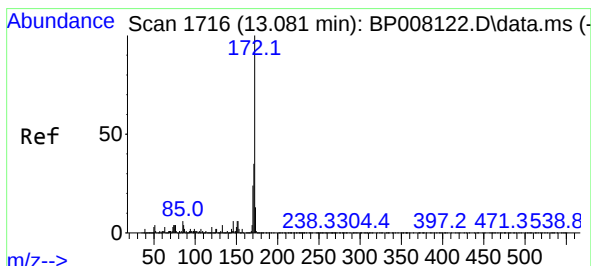
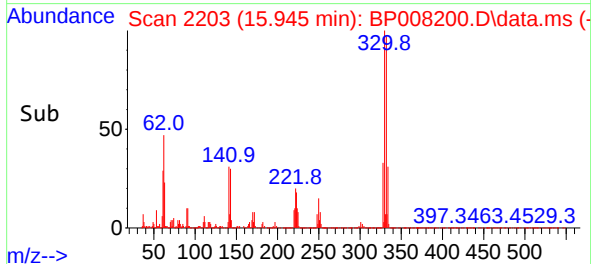
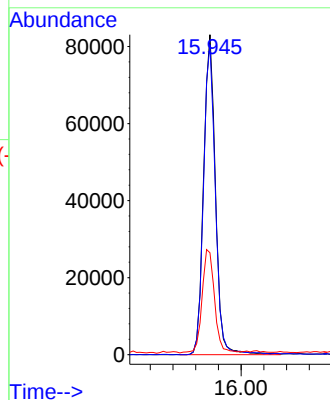
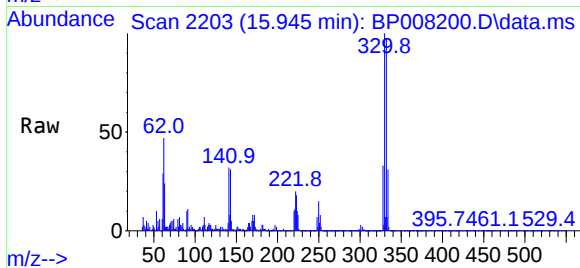
Tgt Ion:330 Resp: 119977

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 33.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 27.548 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.018 min

Lab File: BP008200.D

Acq: 02 Dec 2021 20:00

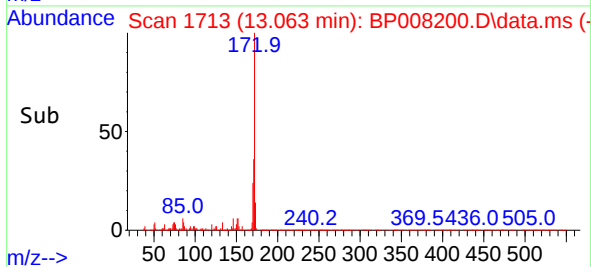
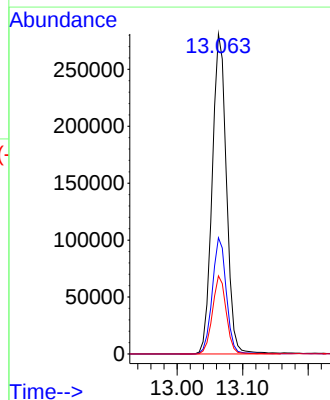
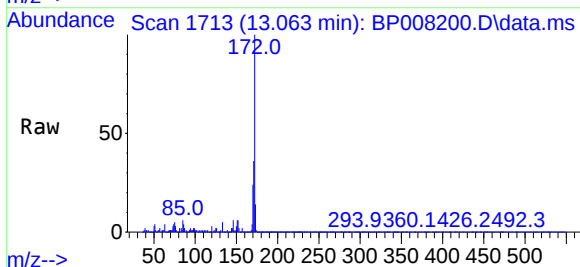
Tgt Ion:172 Resp: 424631

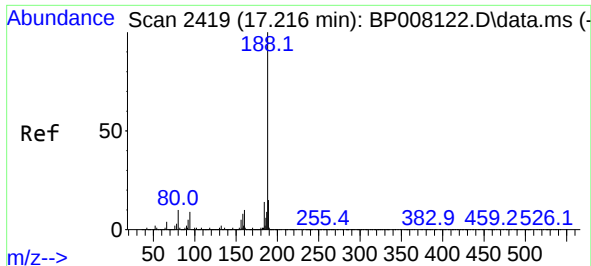
Ion Ratio Lower Upper

172 100

171 36.3 28.0 42.0

170 24.4 18.9 28.3

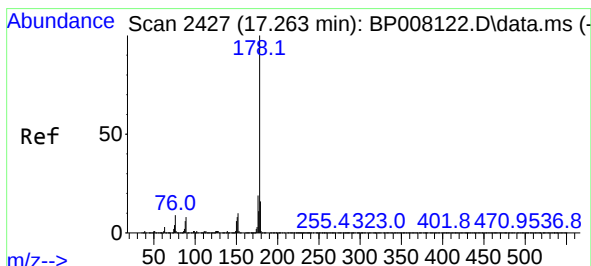
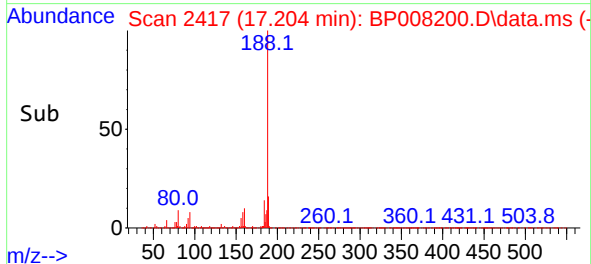
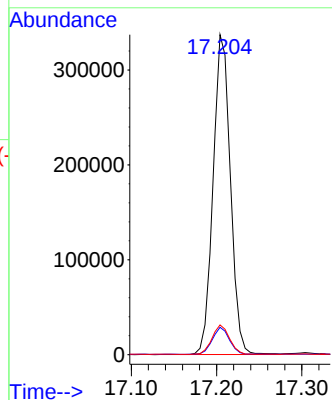
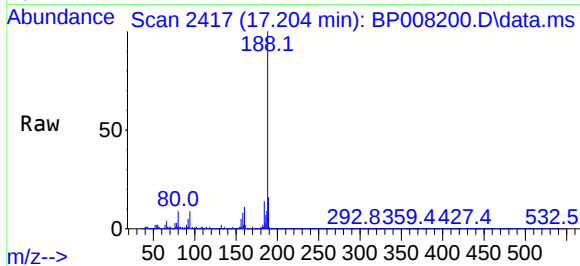




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

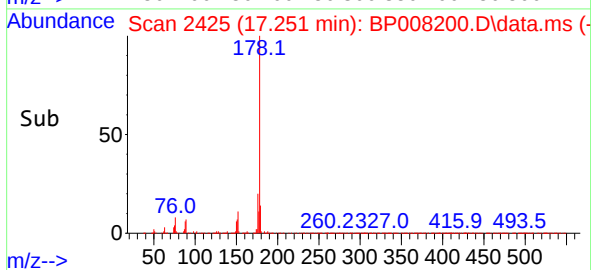
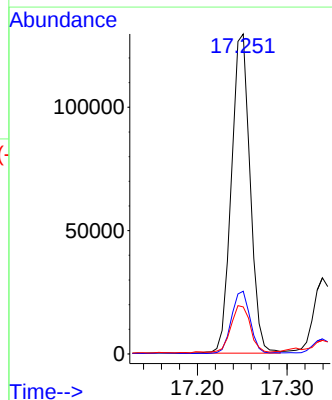
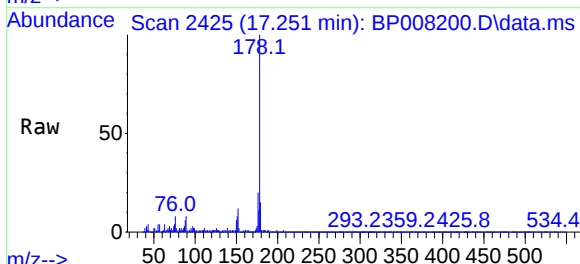
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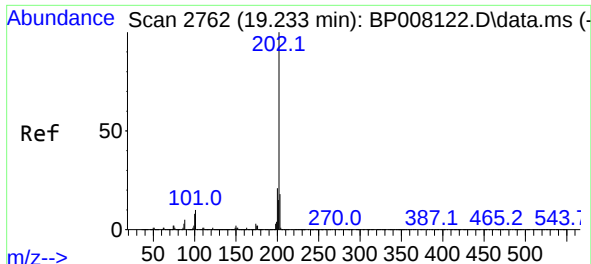
Tgt Ion:188 Resp: 474570
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.3 8.2 12.4



#71
Phenanthrene
Concen: 7.464 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

Tgt Ion:178 Resp: 187010
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 14.7 12.5 18.7

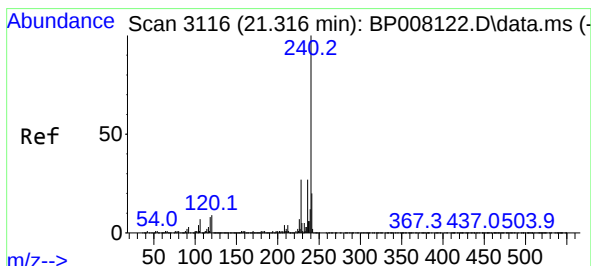
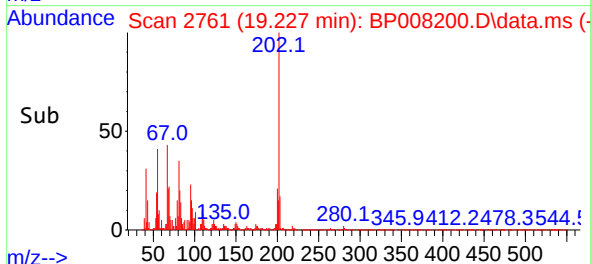
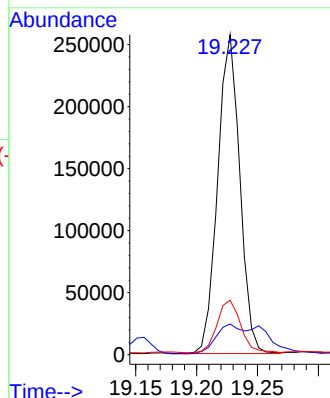
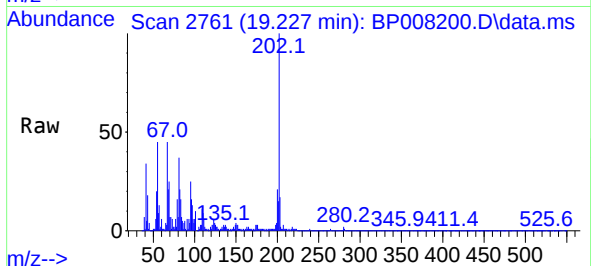




#75
Fluoranthene
Concen: 9.626 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

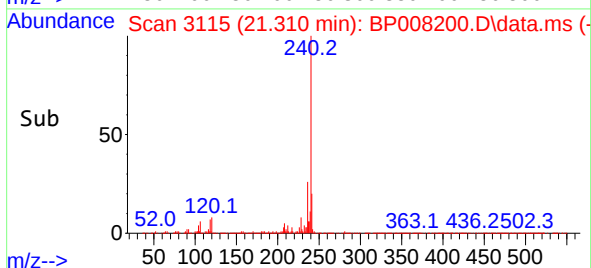
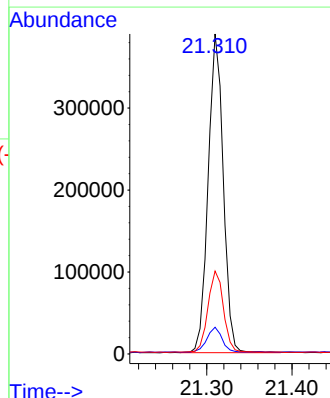
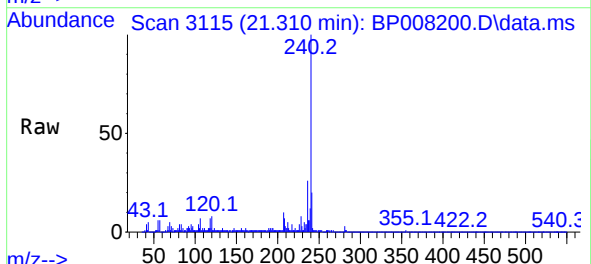
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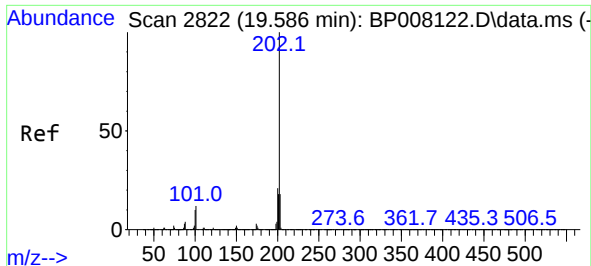
Tgt Ion:202 Resp: 324913
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.8
203 17.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

Tgt Ion:240 Resp: 477355
Ion Ratio Lower Upper
240 100
120 8.3 7.3 10.9
236 25.9 21.4 32.2

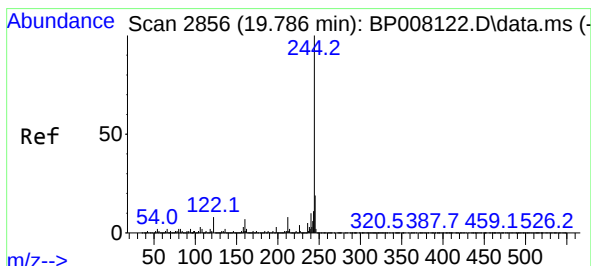
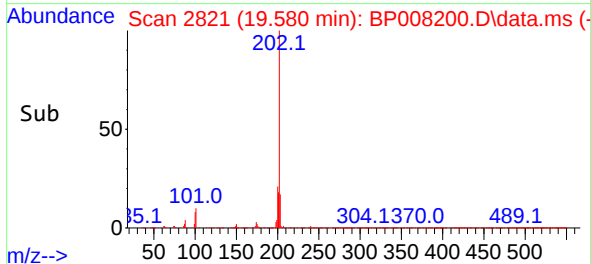
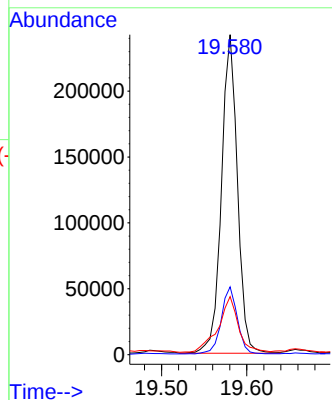
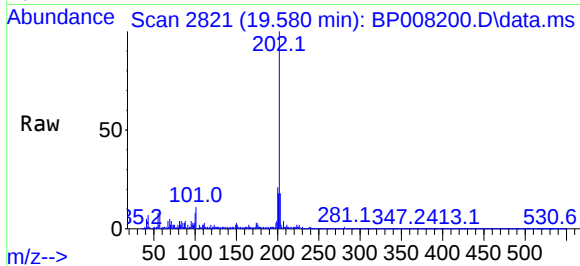




#78
 Pyrene
 Concen: 8.375 ng
 RT: 19.580 min Scan# 2822
 Delta R.T. -0.006 min
 Lab File: BP008200.D
 Acq: 02 Dec 2021 20:00

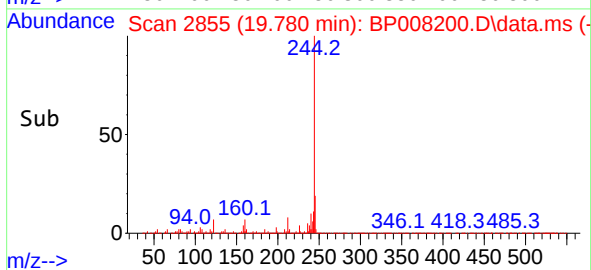
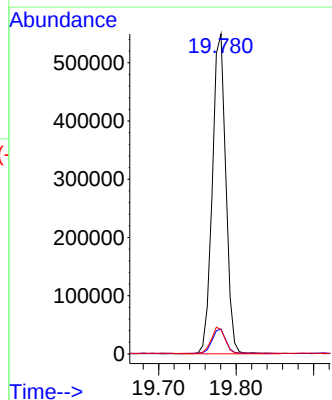
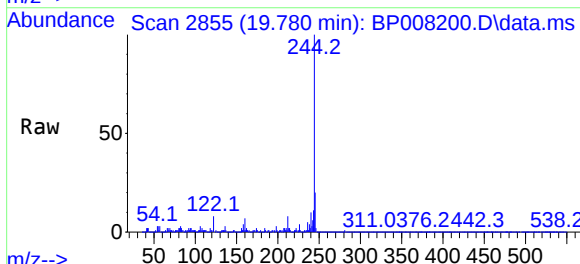
Instrument :
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 CL-02-120121

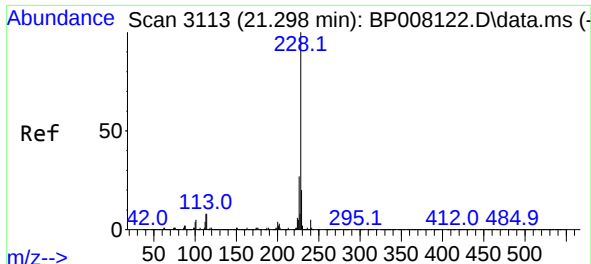
Tgt Ion:202 Resp: 315127
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.1 25.7
 203 18.2 14.2 21.2



#79
 Terphenyl-d14
 Concen: 28.999 ng
 RT: 19.780 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BP008200.D
 Acq: 02 Dec 2021 20:00

Tgt Ion:244 Resp: 662351
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 7.7 6.6 9.8

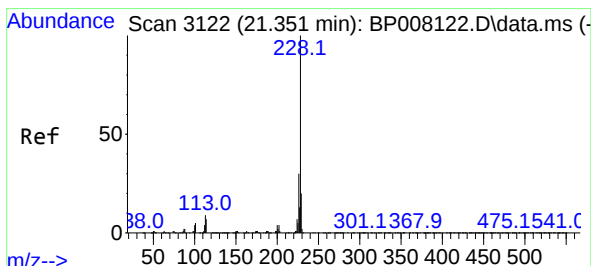
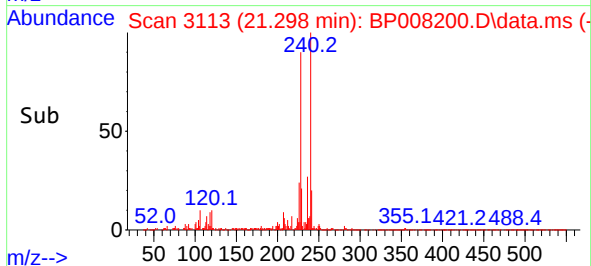
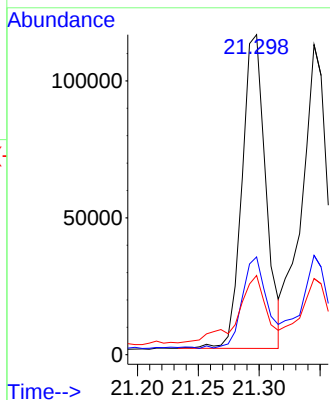
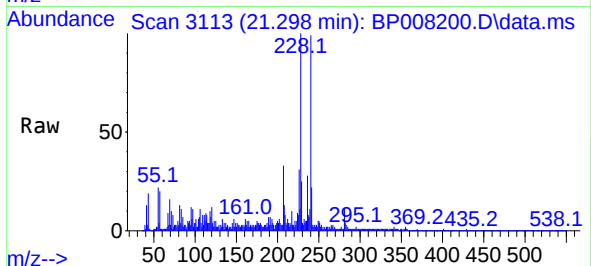




#81
Benzo(a)anthracene
Concen: 4.917 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

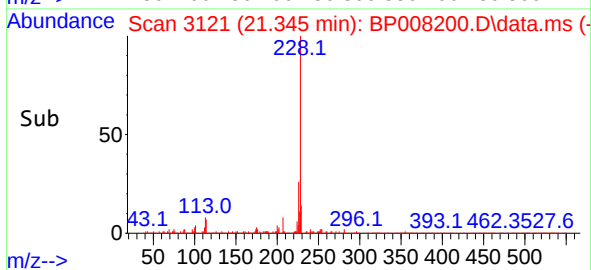
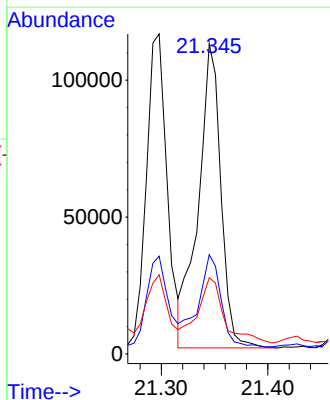
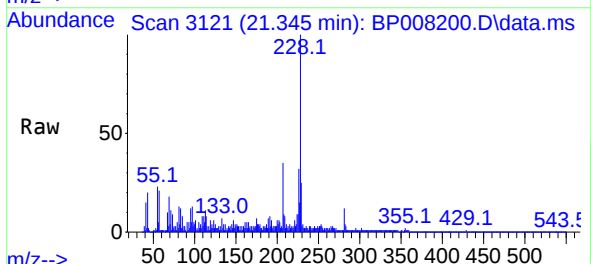
Instrument :
BNA_P
ClientSampleId :
CL-02-120121

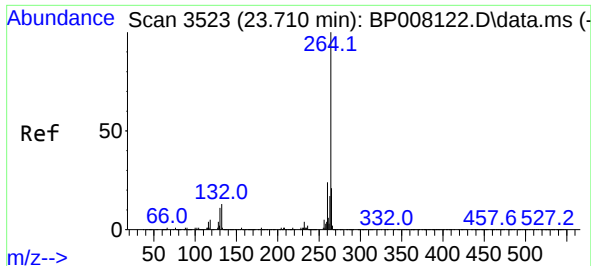
Tgt Ion:228 Resp: 155571
Ion Ratio Lower Upper
228 100
226 30.5 21.9 32.9
229 24.8 15.9 23.9#



#83
Chrysene
Concen: 5.471 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

Tgt Ion:228 Resp: 164700
Ion Ratio Lower Upper
228 100
226 32.0 24.0 36.0
229 24.6 15.8 23.8#



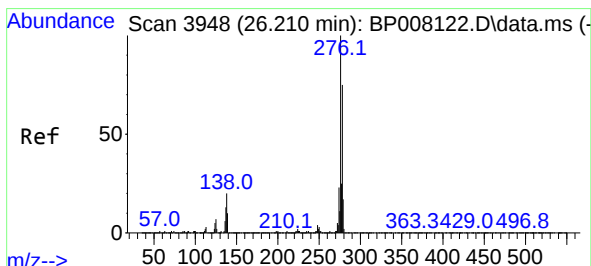
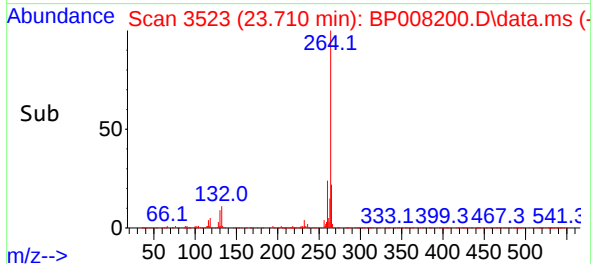
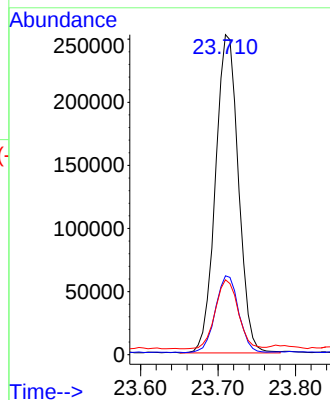
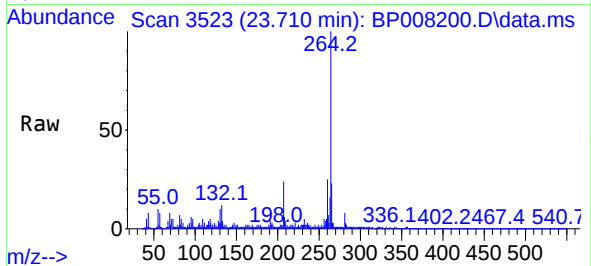


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

Instrument :
BNA_P
ClientSampleId :
CL-02-120121

Tgt Ion:264 Resp: 521094

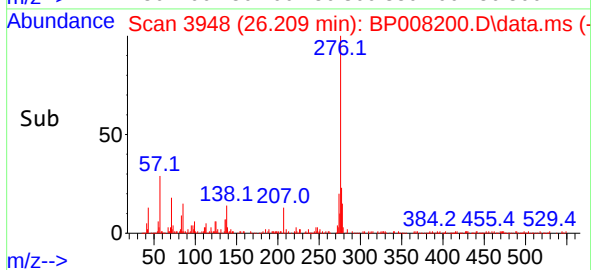
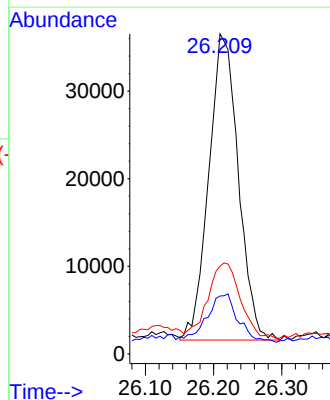
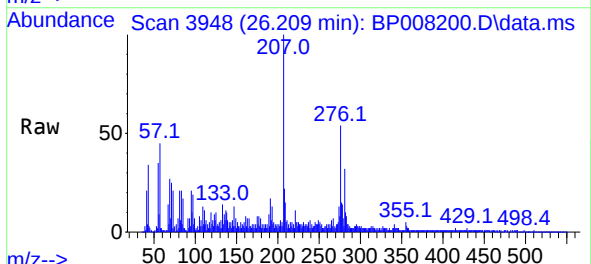
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	23.4	17.6	26.4

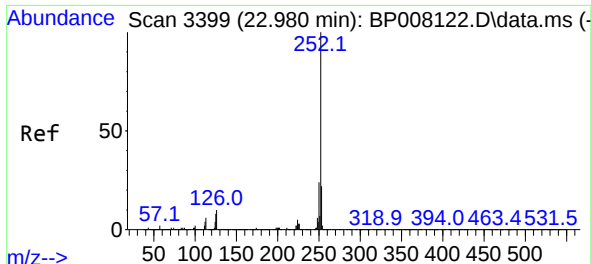


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.785 ng
RT: 26.209 min Scan# 3948
Delta R.T. -0.000 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

Tgt Ion:276 Resp: 105594

Ion	Ratio	Lower	Upper
276	100		
138	16.5	16.6	25.0#
277	27.1	20.2	30.2

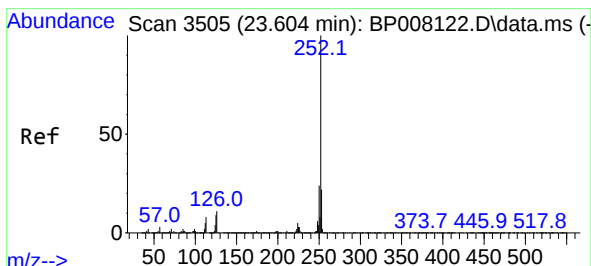
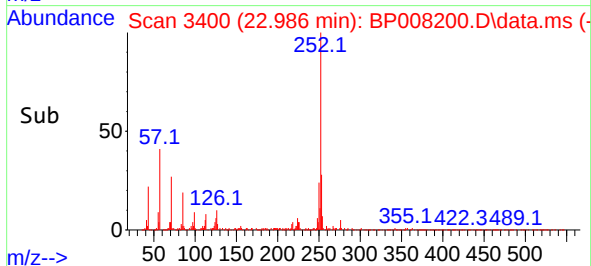
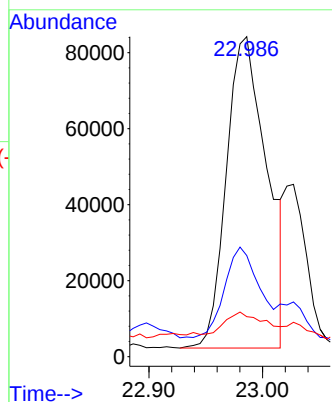
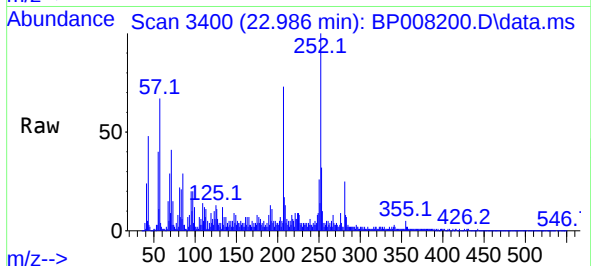




#88
Benzo(b)fluoranthene
Concen: 6.463 ng
RT: 22.986 min Scan# 3400
Delta R.T. 0.006 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

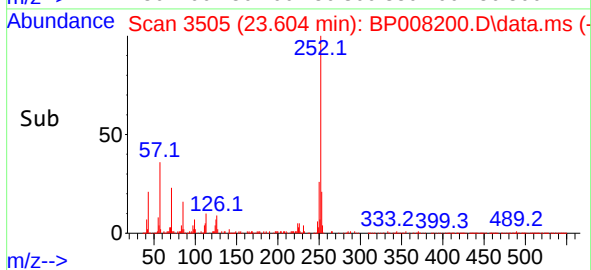
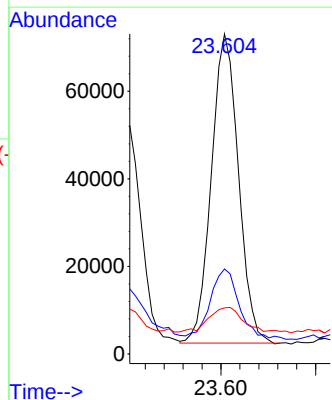
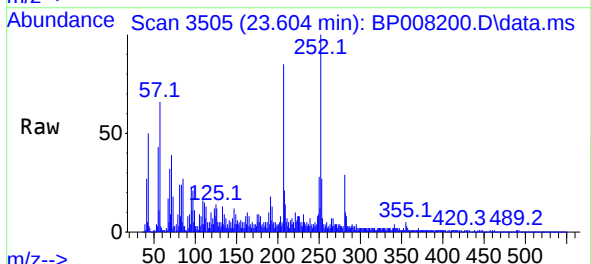
Instrument :
BNA_P
ClientSampleId :
CL-02-120121

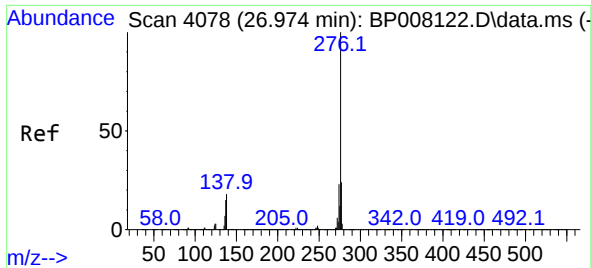
Tgt Ion:252 Resp: 203023
Ion Ratio Lower Upper
252 100
253 31.6 17.7 26.5#
125 12.5 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 5.216 ng
RT: 23.604 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BP008200.D
Acq: 02 Dec 2021 20:00

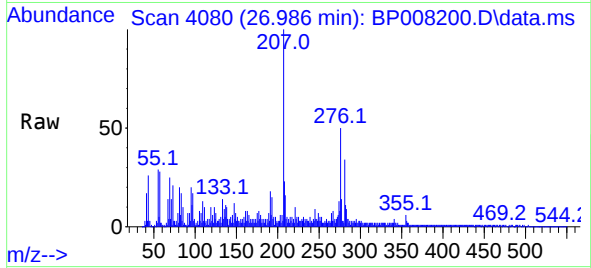
Tgt Ion:252 Resp: 140033
Ion Ratio Lower Upper
252 100
253 26.5 17.6 26.4#
125 14.4 7.4 11.0#





#92
 Benzo(g,h,i)perylene
 Concen: 3.367 ng
 RT: 26.986 min Scan# 40
 Delta R.T. 0.012 min
 Lab File: BP008200.D
 Acq: 02 Dec 2021 20:00

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-120121



Tgt Ion:276 Resp: 106943

Ion	Ratio	Lower	Upper
276	100		
277	27.5	20.0	30.0
138	19.4	14.1	21.1

