

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120221\
 Data File : BP008199.D
 Acq On : 02 Dec 2021 19:26
 Operator : CG/JU
 Sample : M4893-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-1-120121

Quant Time: Dec 03 03:37:14 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)

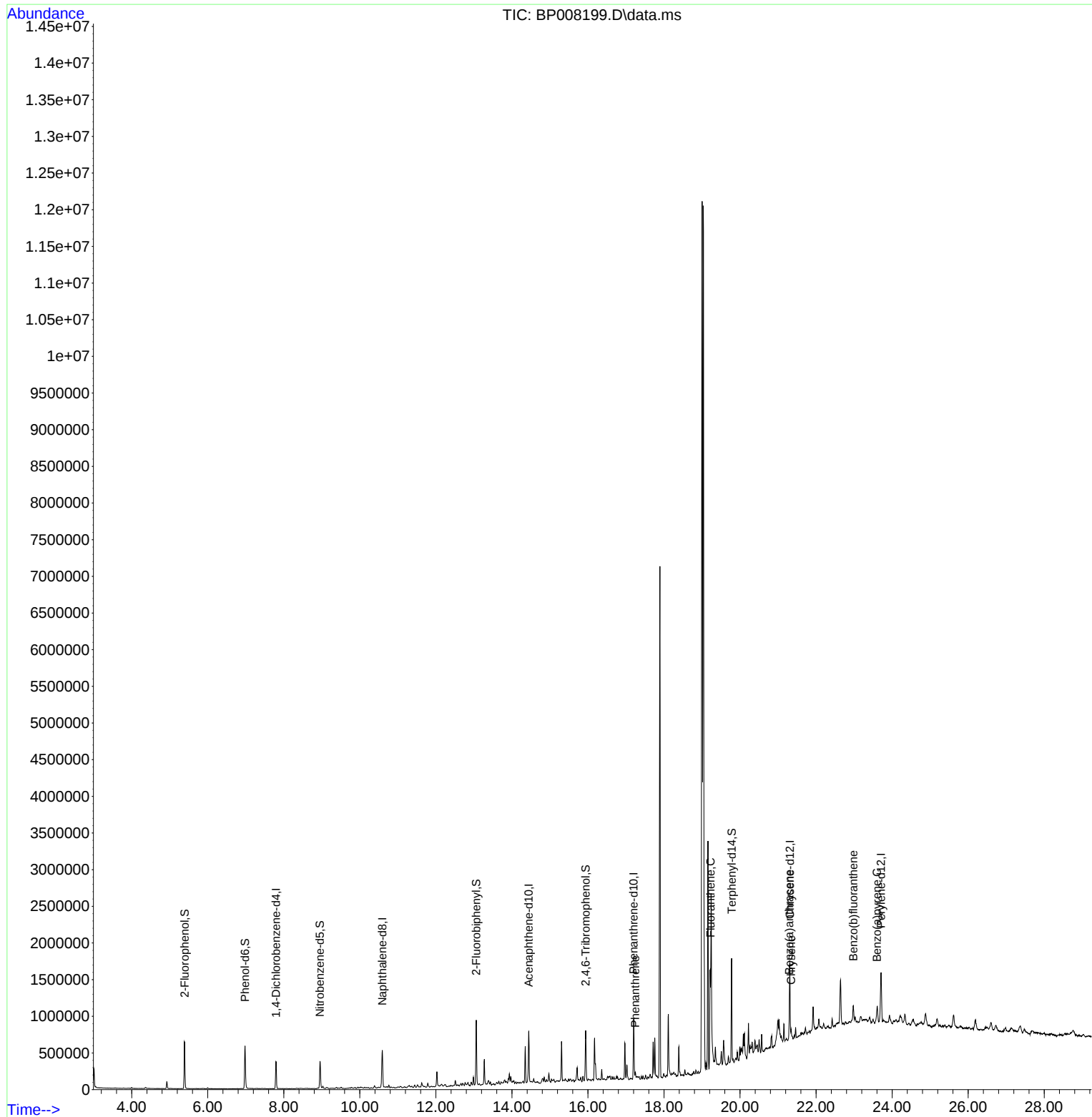
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	97606	20.000	ng	-0.02
21) Naphthalene-d8	10.593	136	370652	20.000	ng	-0.02
39) Acenaphthene-d10	14.439	164	233890	20.000	ng	-0.02
64) Phenanthrene-d10	17.204	188	476269	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	486504	20.000	ng	0.00
86) Perylene-d12	23.709	264	533127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	256929	42.383	ng	-0.01
7) Phenol-d6	6.981	99	329236	40.232	ng	-0.02
23) Nitrobenzene-d5	8.951	82	223761	27.452	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	126260	42.234	ng	-0.02
45) 2-Fluorobiphenyl	13.063	172	458536	28.477	ng	-0.02
79) Terphenyl-d14	19.780	244	661922	28.435	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.245	178	56417	2.244	ng	96
75) Fluoranthene	19.227	202	97014	2.864	ng	95
81) Benzo(a)anthracene	21.292	228	66995	2.078	ng	# 88
83) Chrysene	21.345	228	66143	2.156	ng	# 91
88) Benzo(b)fluoranthene	22.980	252	90141	2.805	ng	# 73
90) Benzo(a)pyrene	23.604	252	70128	2.553	ng	# 79

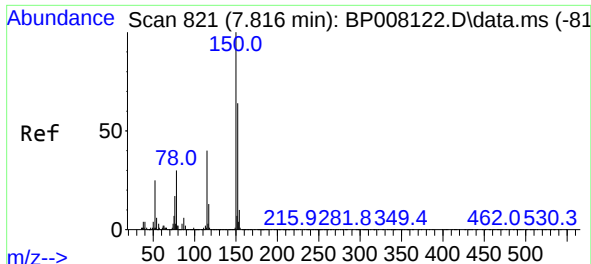
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 01 12:06:05 2021
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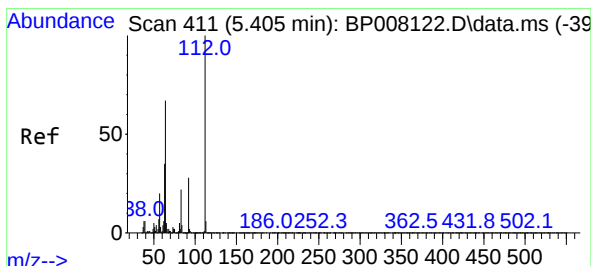
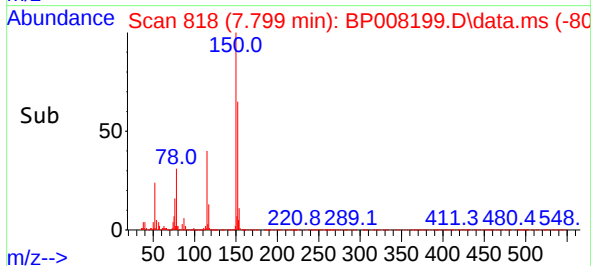
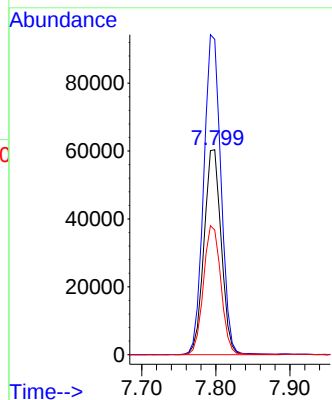
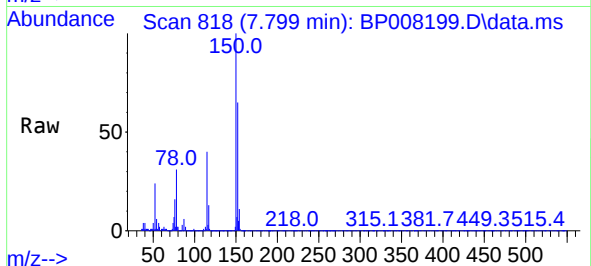




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

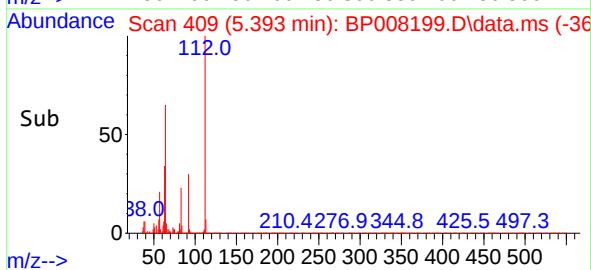
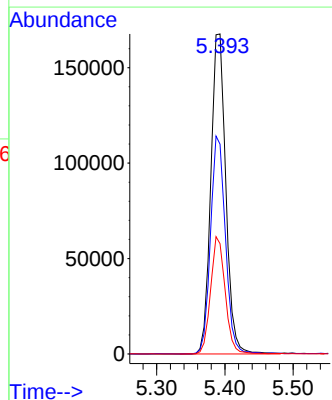
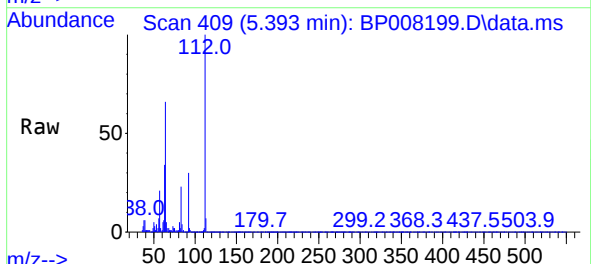
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

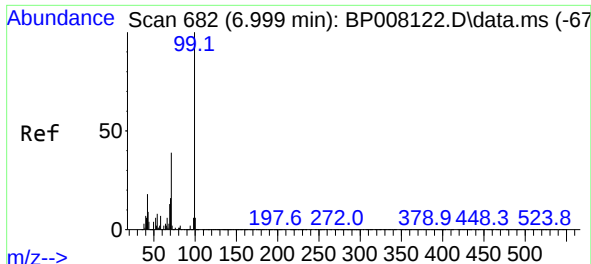
Tgt Ion:152 Resp: 97606
Ion Ratio Lower Upper
152 100
150 153.9 125.7 188.5
115 60.8 50.7 76.1



#5
2-Fluorophenol
Concen: 42.383 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:112 Resp: 256929
Ion Ratio Lower Upper
112 100
64 65.5 53.4 80.2
63 34.4 27.8 41.8

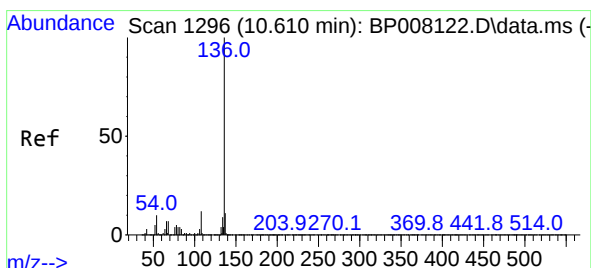
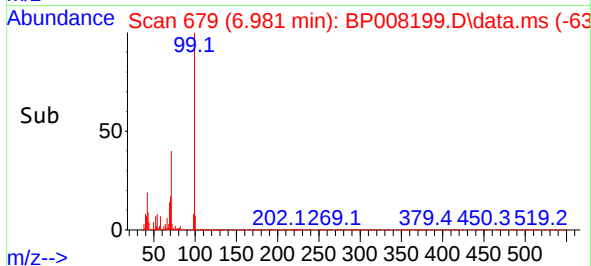
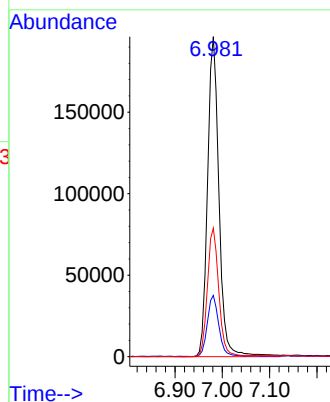
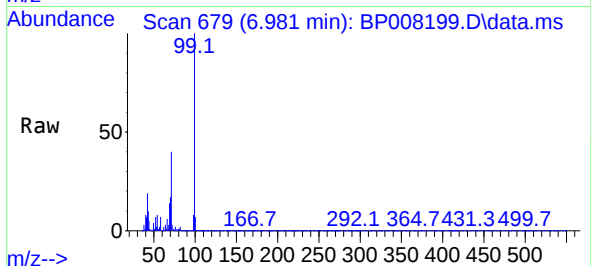




#7
Phenol-d6
Concen: 40.232 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

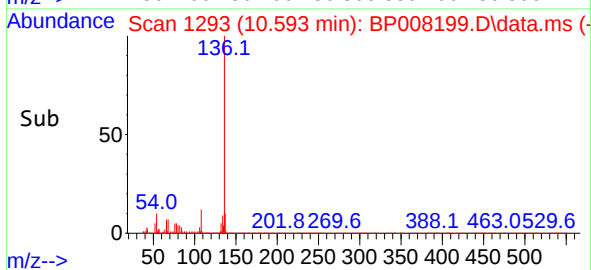
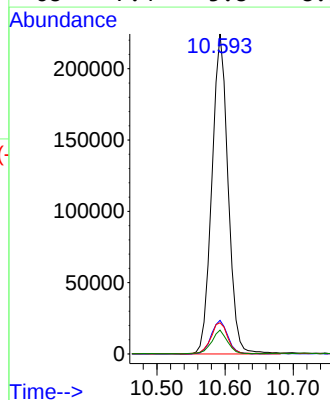
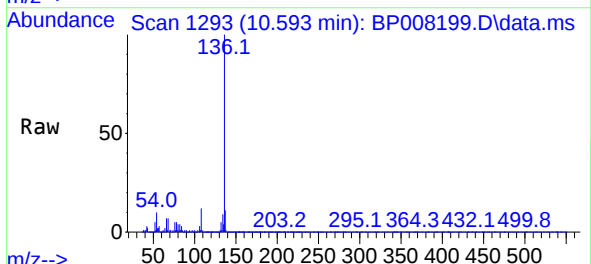
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

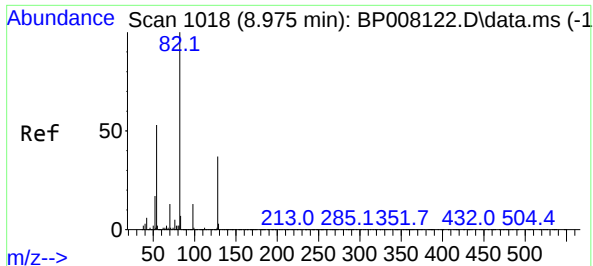
Tgt Ion: 99 Resp: 329236
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 40.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion: 136 Resp: 370652
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.7 8.2 12.4
68 7.4 5.8 8.8





#23

Nitrobenzene-d5

Concen: 27.452 ng

RT: 8.951 min Scan# 1

Delta R.T. -0.024 min

Lab File: BP008199.D

Acq: 02 Dec 2021 19:26

Instrument :

BNA_P

ClientSampleId :

EO-1-120121

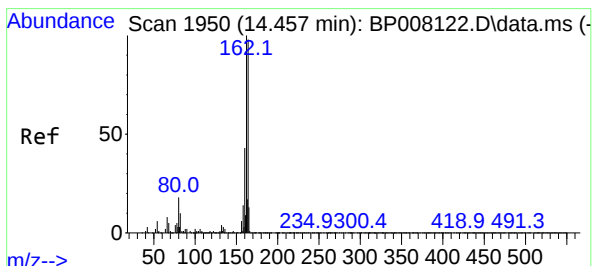
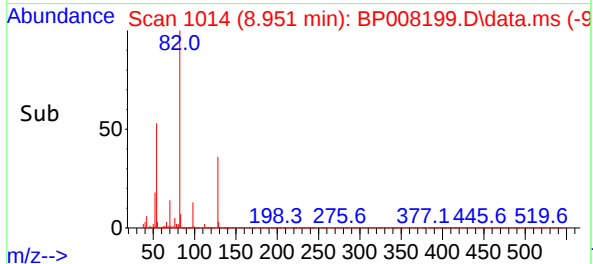
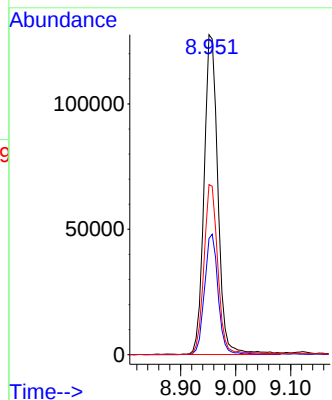
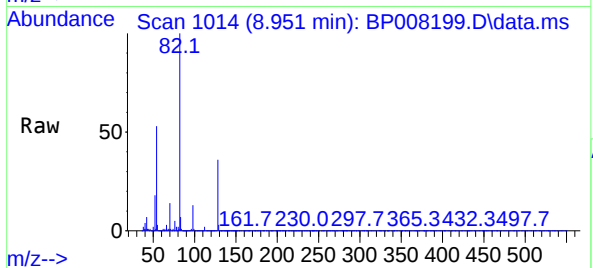
Tgt Ion: 82 Resp: 223761

Ion Ratio Lower Upper

82 100

128 36.3 29.6 44.4

54 53.1 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1947

Delta R.T. -0.018 min

Lab File: BP008199.D

Acq: 02 Dec 2021 19:26

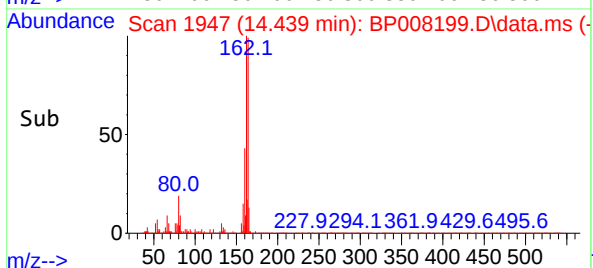
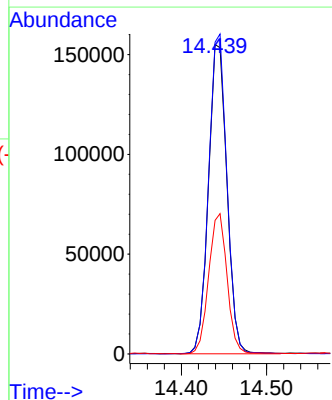
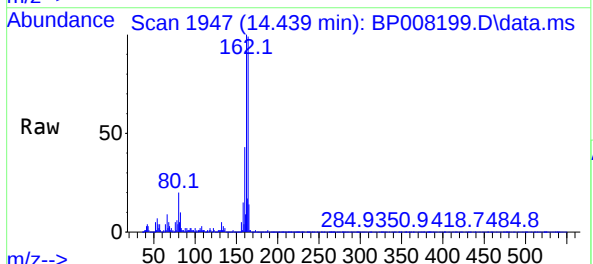
Tgt Ion:164 Resp: 233890

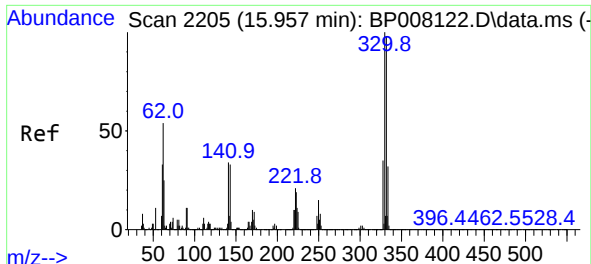
Ion Ratio Lower Upper

164 100

162 100.7 81.9 122.9

160 43.2 35.4 53.0

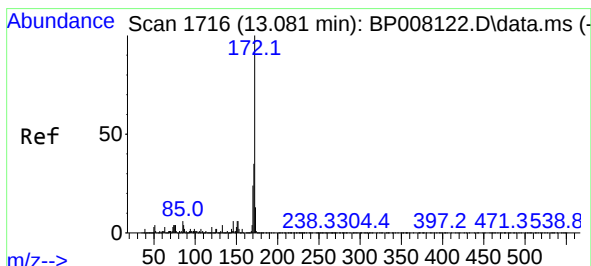
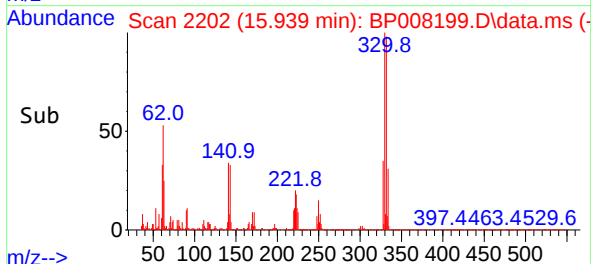
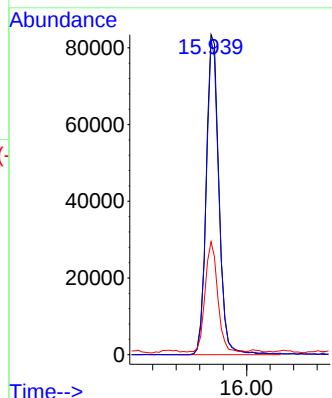
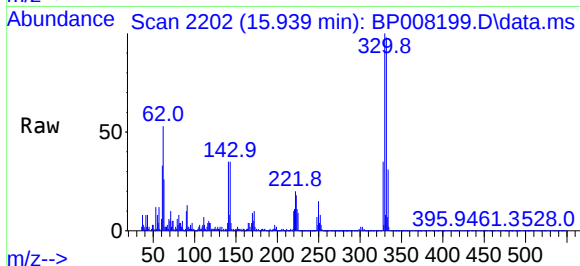




#42
2,4,6-Tribromophenol
Concen: 42.234 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

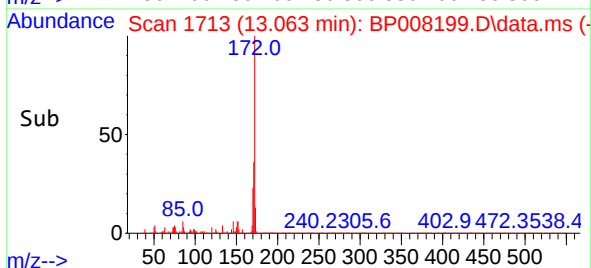
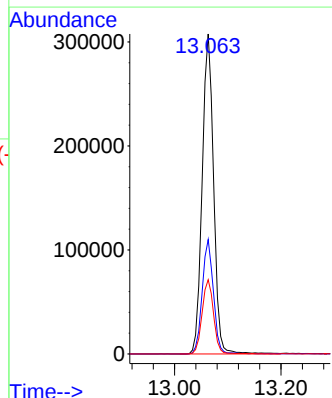
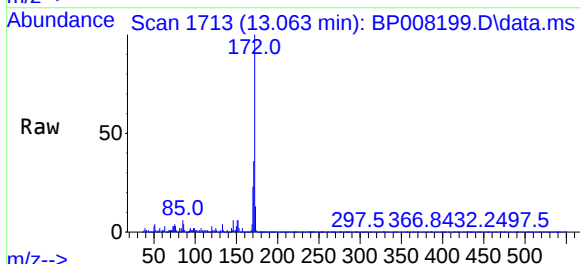
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

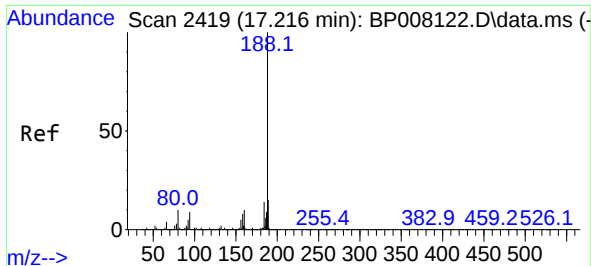
Tgt Ion:330 Resp: 126260
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 33.9 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 28.477 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:172 Resp: 458536
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.2 18.9 28.3

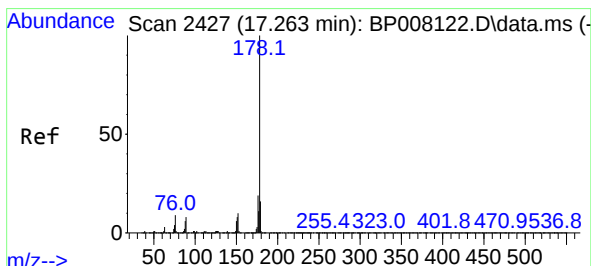
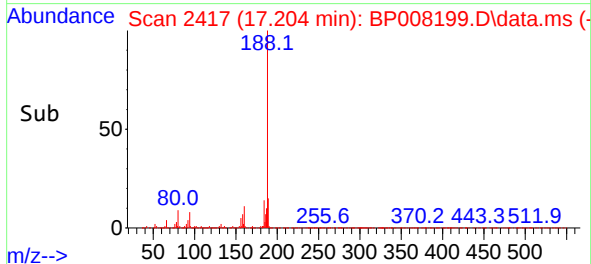
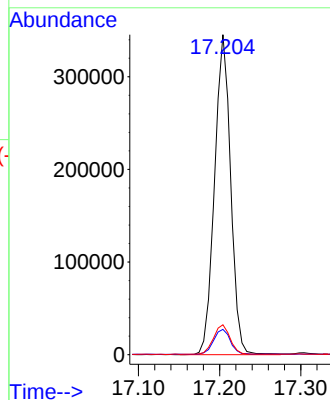
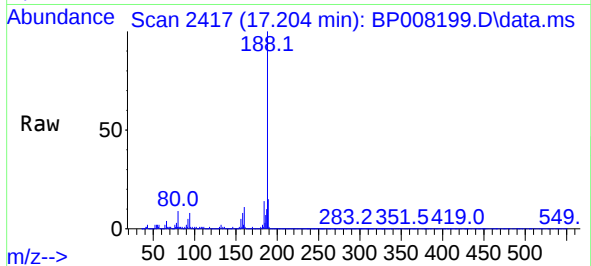




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

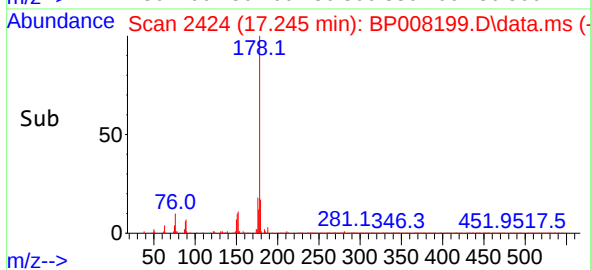
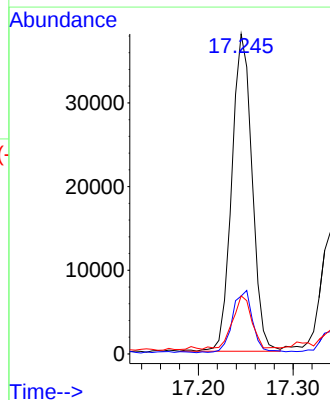
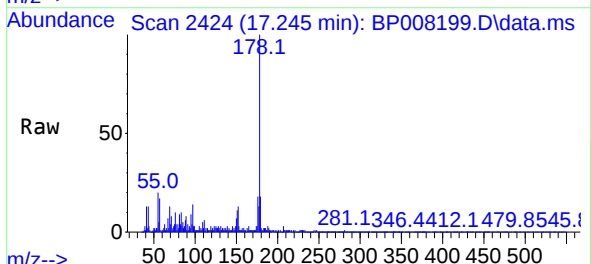
Instrument :
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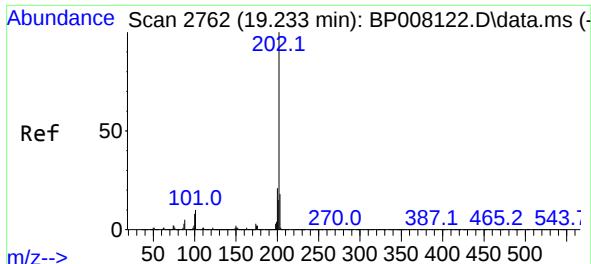
Tgt Ion:188 Resp: 476269
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.3 8.2 12.4



#71
Phenanthrene
Concen: 2.244 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:178 Resp: 56417
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 18.1 12.5 18.7

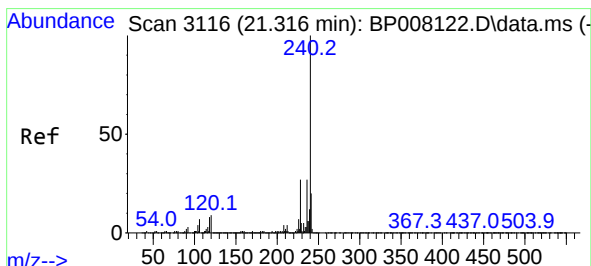
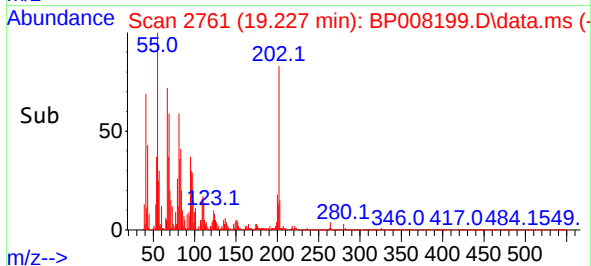
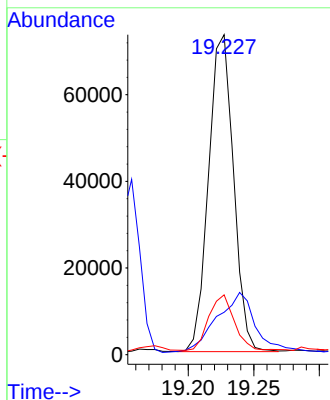
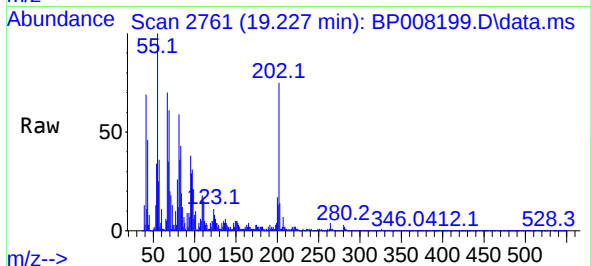




#75
Fluoranthene
Concen: 2.864 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

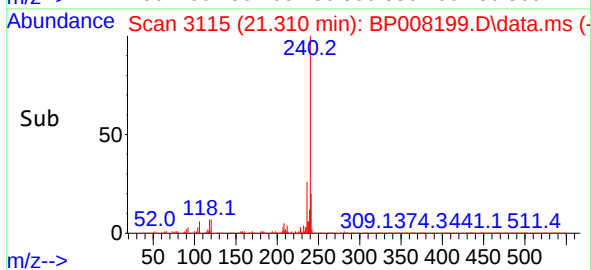
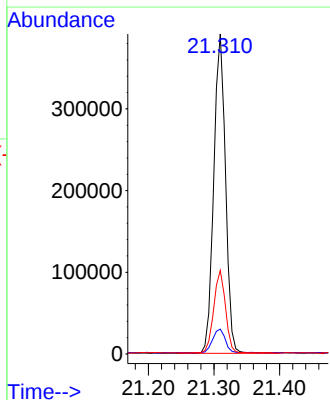
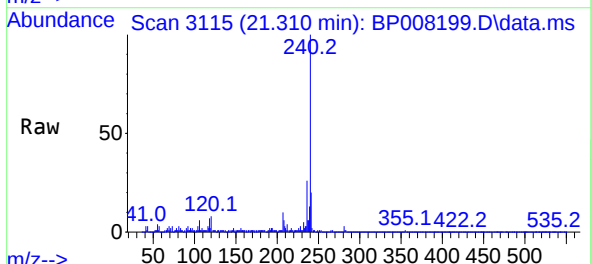
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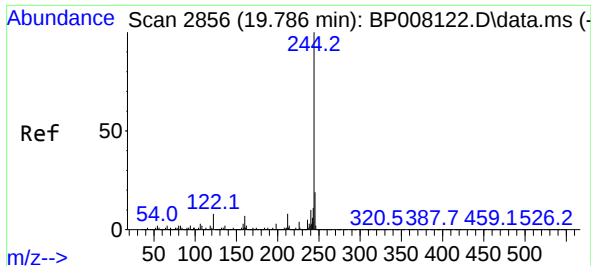
Tgt Ion:	202	Resp:	97014
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	29.8
203	18.7	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:	240	Resp:	486504
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.3	10.9
236	26.1	21.4	32.2

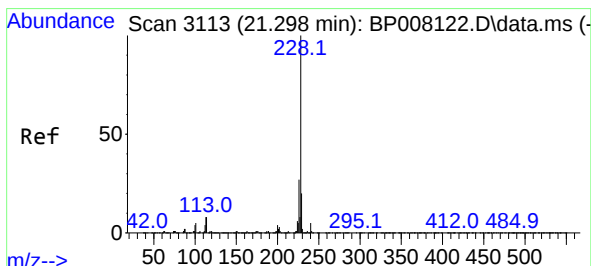
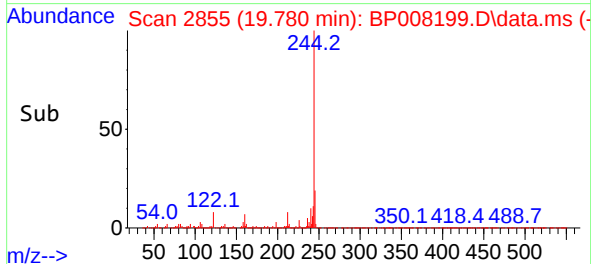
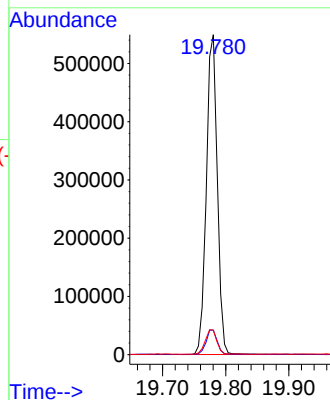
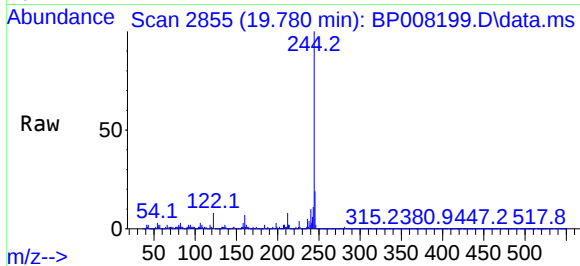




#79
 Terphenyl-d14
 Concen: 28.435 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008199.D
 Acq: 02 Dec 2021 19:26

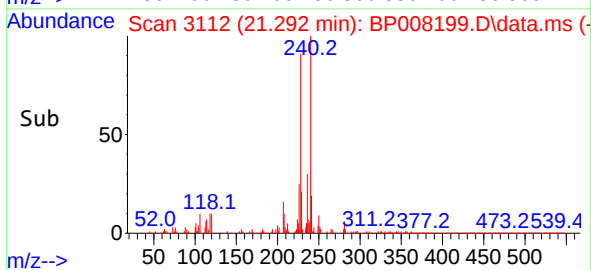
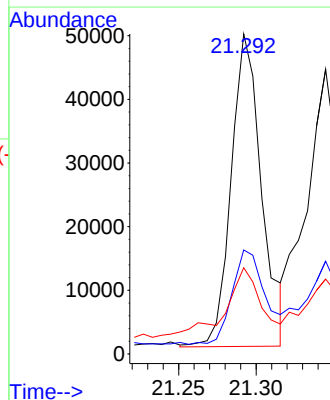
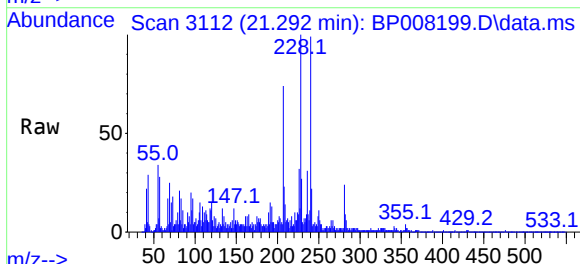
Instrument :
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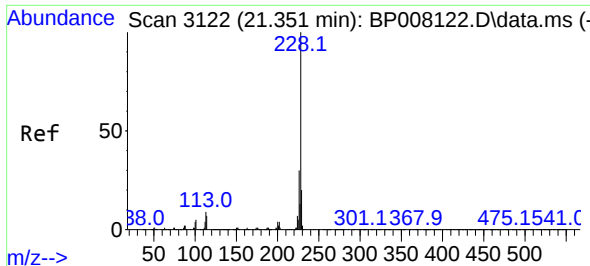
Tgt Ion:244 Resp: 661922
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 7.7 6.6 9.8



#81
 Benzo(a)anthracene
 Concen: 2.078 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BP008199.D
 Acq: 02 Dec 2021 19:26

Tgt Ion:228 Resp: 66995
 Ion Ratio Lower Upper
 228 100
 226 32.5 21.9 32.9
 229 27.0 15.9 23.9#

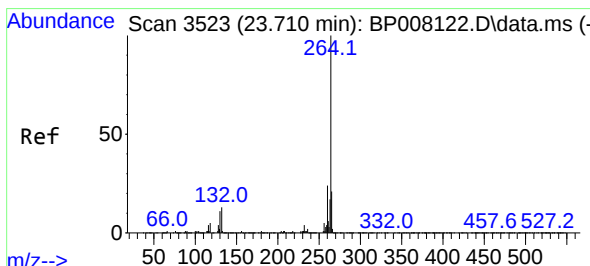
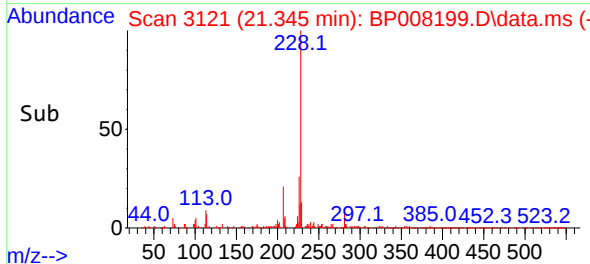
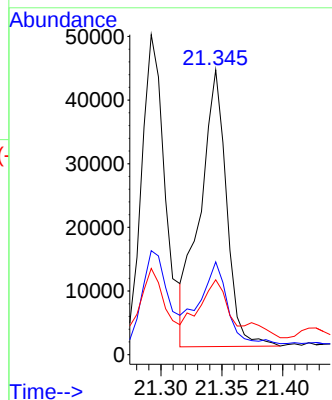
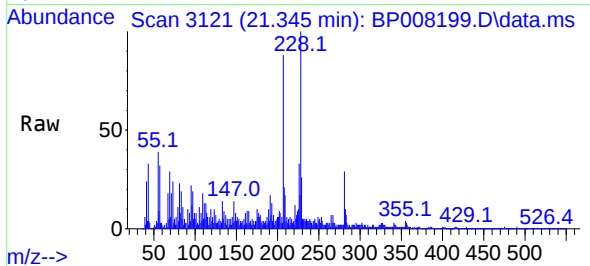




#83
Chrysene
Concen: 2.156 ng
RT: 21.345 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

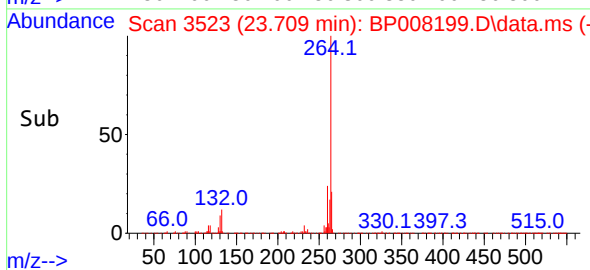
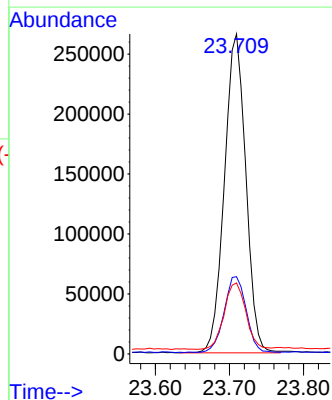
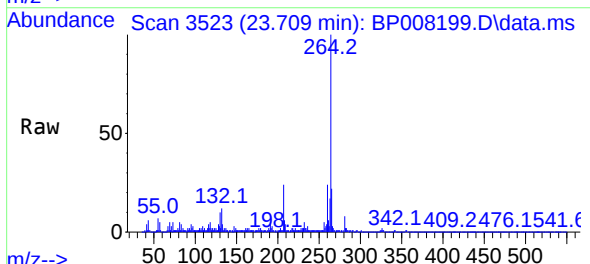
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

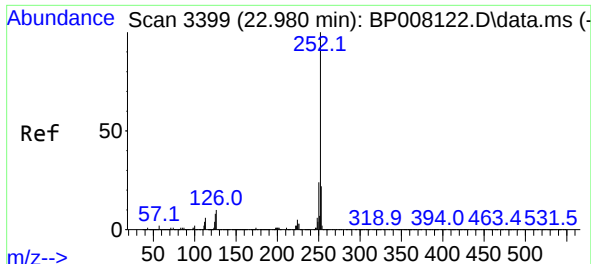
Tgt Ion:228 Resp: 66143
Ion Ratio Lower Upper
228 100
226 32.6 24.0 36.0
229 26.3 15.8 23.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:264 Resp: 533127
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.2 17.6 26.4

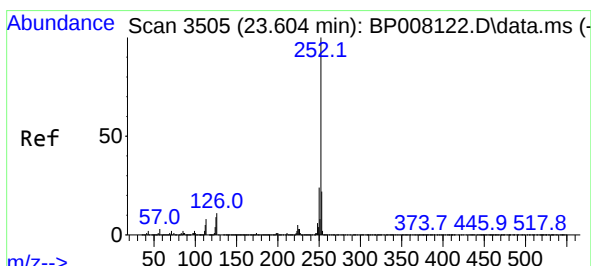
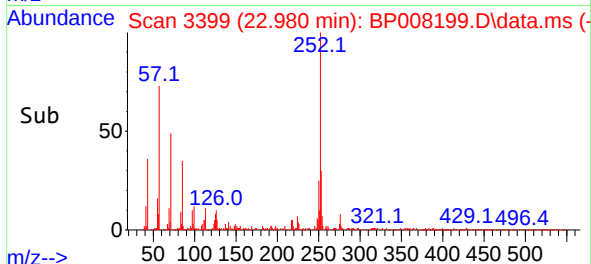
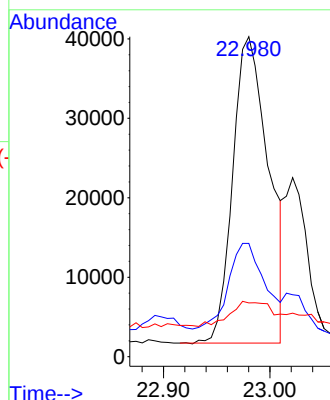
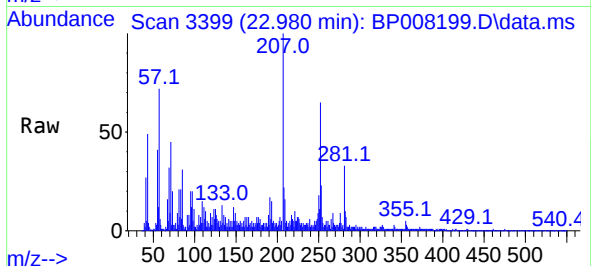




#88
Benzo(b)fluoranthene
Concen: 2.805 ng
RT: 22.980 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Instrument :
BNA_P
ClientSampleId :
EO-1-120121

Tgt Ion:252 Resp: 90141
Ion Ratio Lower Upper
252 100
253 35.4 17.7 26.5#
125 16.8 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 2.553 ng
RT: 23.604 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:252 Resp: 70128
Ion Ratio Lower Upper
252 100
253 30.7 17.6 26.4#
125 19.0 7.4 11.0#

