

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008997.D
 Acq On : 01 Feb 2022 20:56
 Operator : CG/JU
 Sample : N1325-10 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TES-4

Quant Time: Feb 02 04:07:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

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

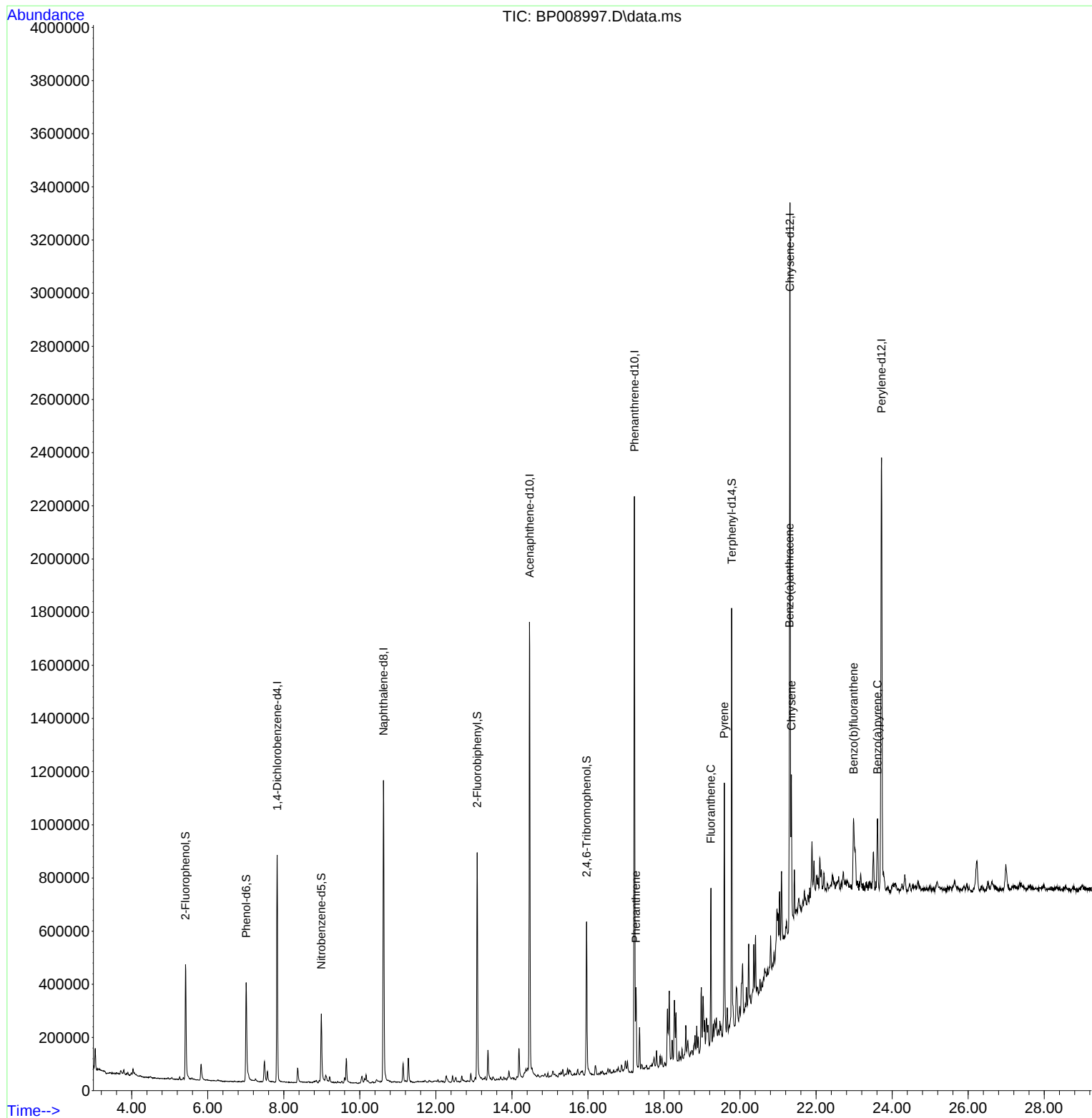
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	264868	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1034039	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	669738	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	1356204	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1310430	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1333867	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	240739	14.055	ng	0.00
7) Phenol-d6	7.010	99	304763	14.694	ng	0.00
23) Nitrobenzene-d5	8.987	82	184349	10.122	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	140778	14.441	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	522058	10.280	ng	-0.01
79) Terphenyl-d14	19.780	244	768759	9.902	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.263	178	202771	2.656	ng	97
75) Fluoranthene	19.233	202	316723	3.730	ng	99
78) Pyrene	19.586	202	577398	6.315	ng	96
81) Benzo(a)anthracene	21.298	228	277555	3.148	ng	100
83) Chrysene	21.351	228	310908	3.638	ng	98
88) Benzo(b)fluoranthene	22.986	252	256536	2.880	ng	98
90) Benzo(a)pyrene	23.615	252	208410	2.424	ng	98

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

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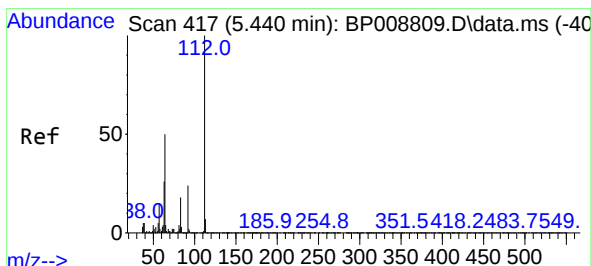
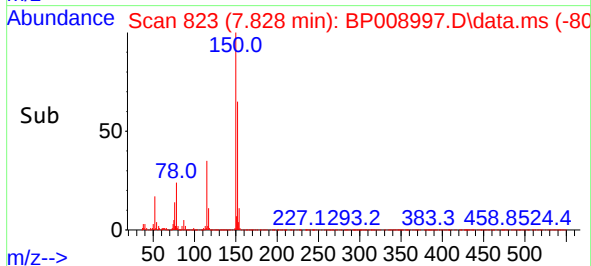
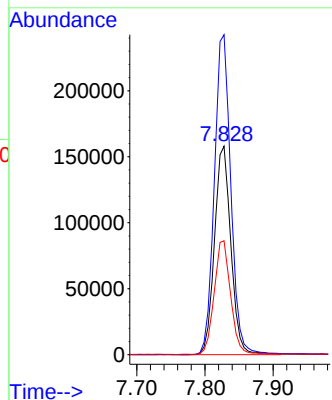
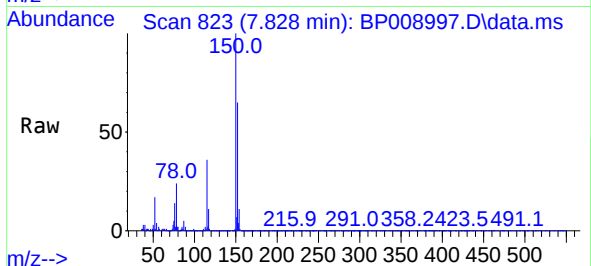




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

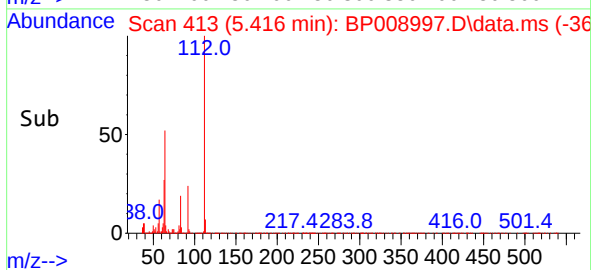
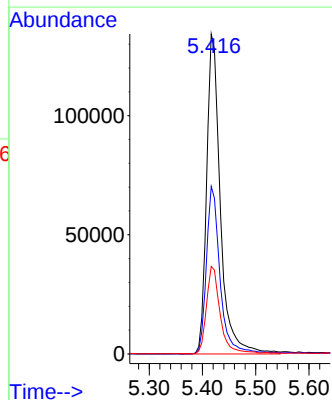
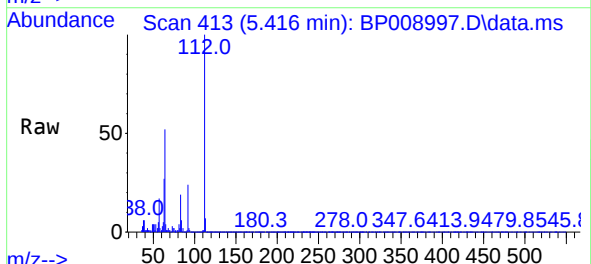
Instrument :
BNA_P
ClientSampleId :
TES-4

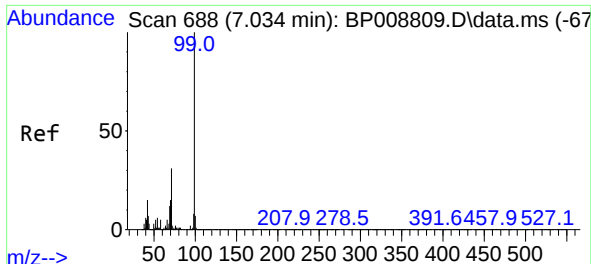
Tgt Ion:152 Resp: 264868
Ion Ratio Lower Upper
152 100
150 153.5 127.0 190.6
115 54.7 43.7 65.5



#5
2-Fluorophenol
Concen: 14.055 ng
RT: 5.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

Tgt Ion:112 Resp: 240739
Ion Ratio Lower Upper
112 100
64 52.3 39.7 59.5
63 27.4 20.0 30.0

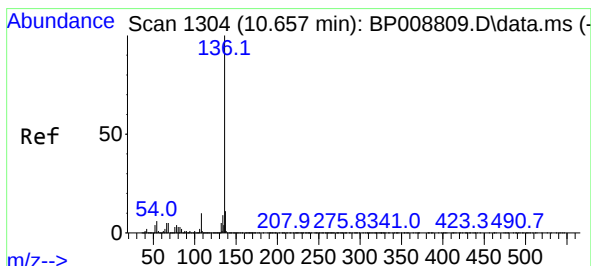
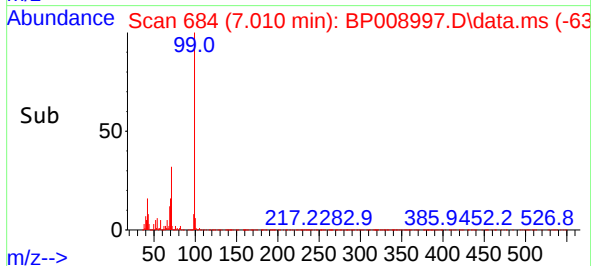
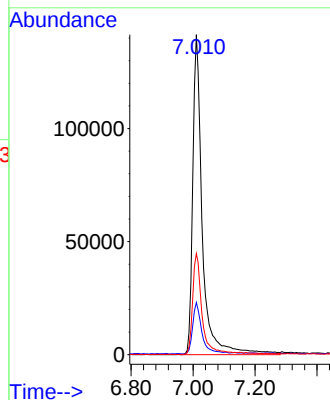
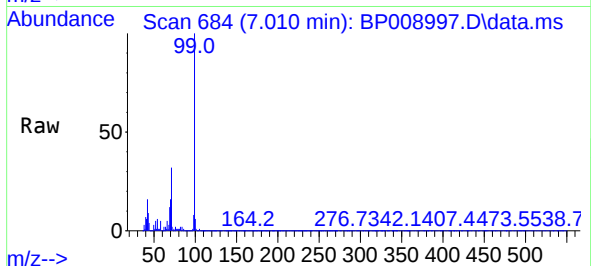




#7
Phenol-d6
Concen: 14.694 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

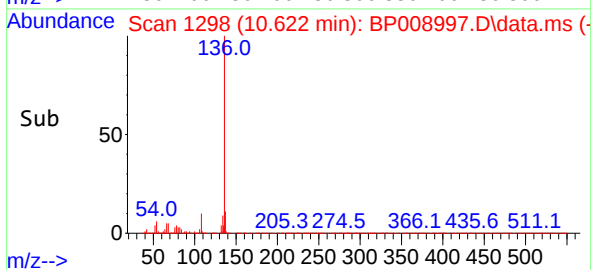
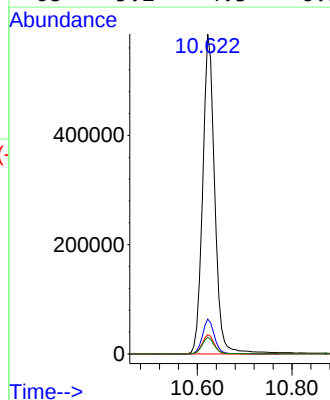
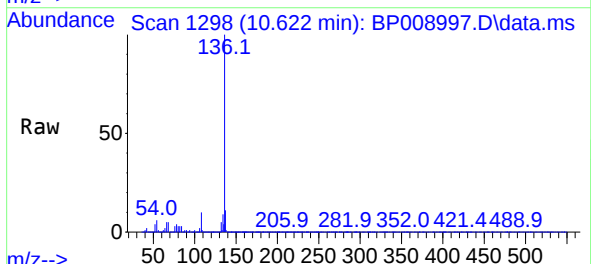
Instrument :
BNA_P
ClientSampleId :
TES-4

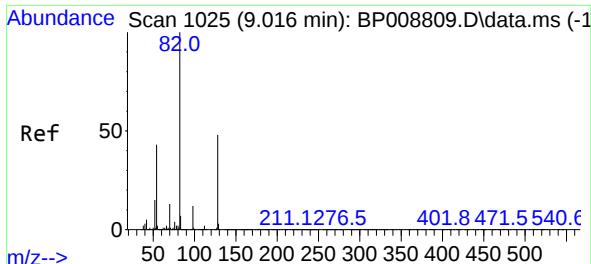
Tgt Ion: 99 Resp: 304763
Ion Ratio Lower Upper
99 100
42 16.3 10.8 16.2#
71 31.6 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

Tgt Ion:136 Resp: 1034039
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.0 4.9 7.3
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 10.122 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

Instrument :

BNA_P

ClientSampleId :

TES-4

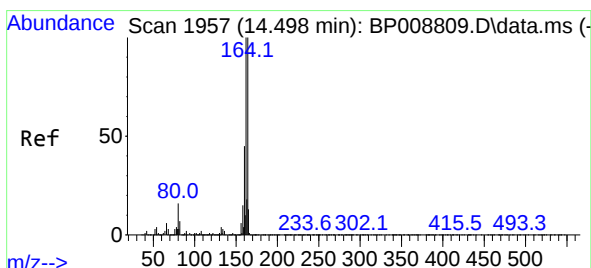
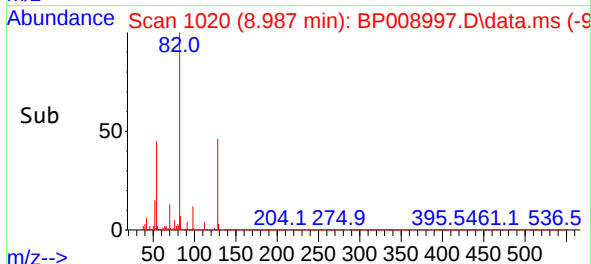
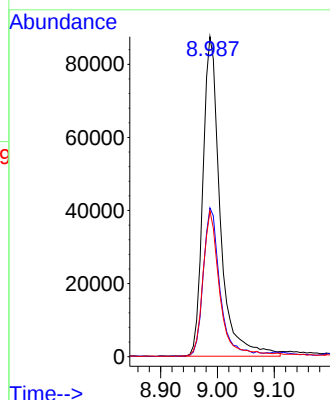
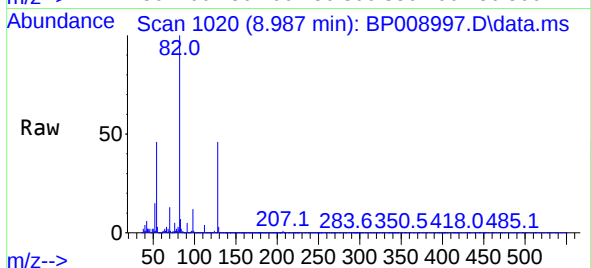
Tgt Ion: 82 Resp: 184349

Ion Ratio Lower Upper

82 100

128 46.5 39.4 59.2

54 45.5 32.6 48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1951

Delta R.T. -0.012 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

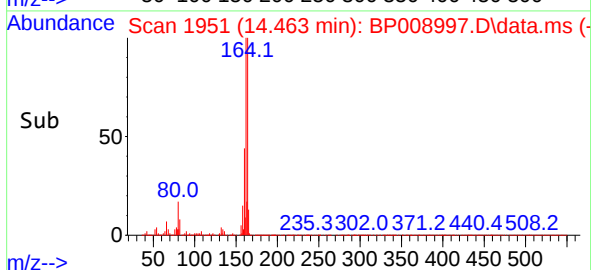
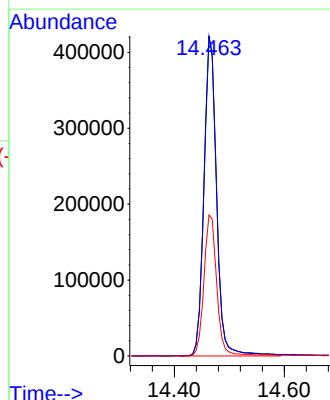
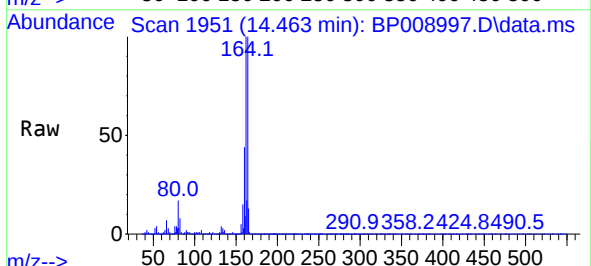
Tgt Ion:164 Resp: 669738

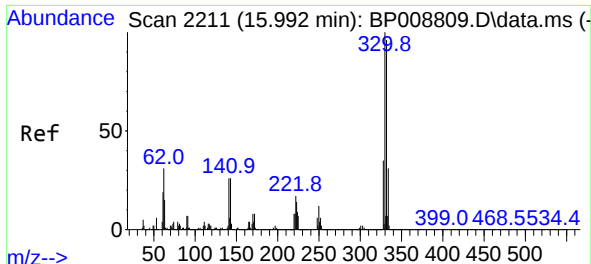
Ion Ratio Lower Upper

164 100

162 99.8 79.9 119.9

160 44.0 35.5 53.3

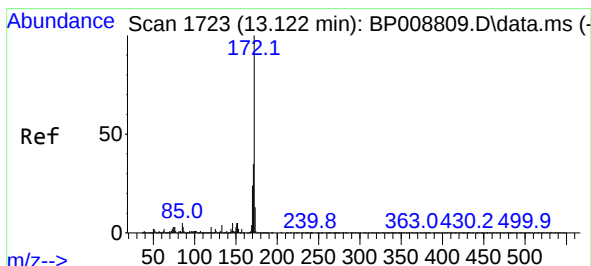
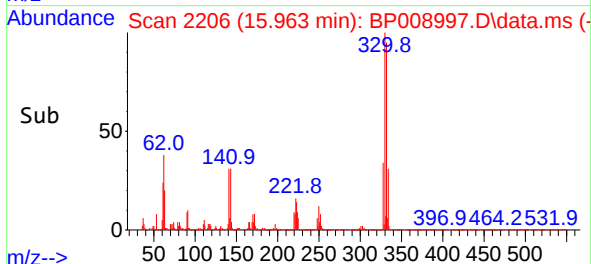
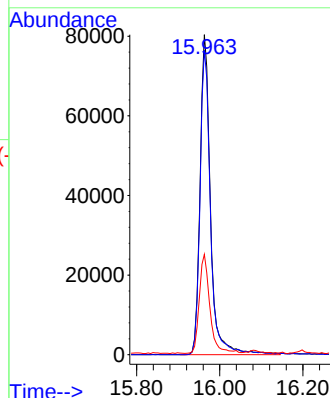
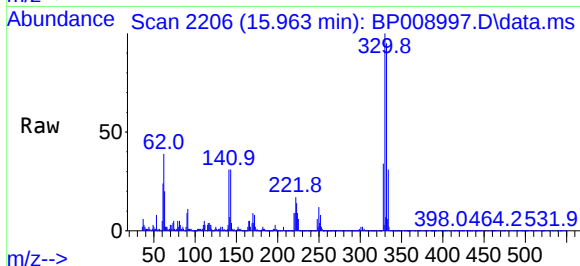




#42
2,4,6-Tribromophenol
Concen: 14.441 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

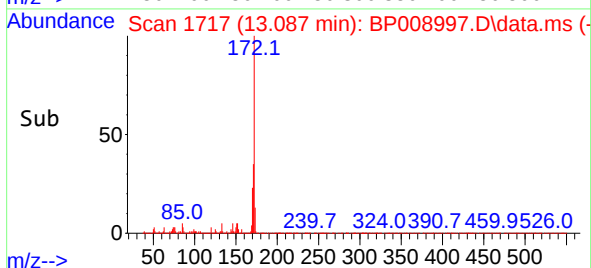
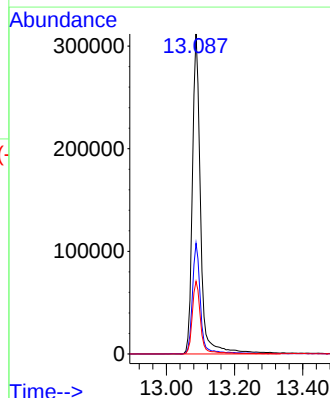
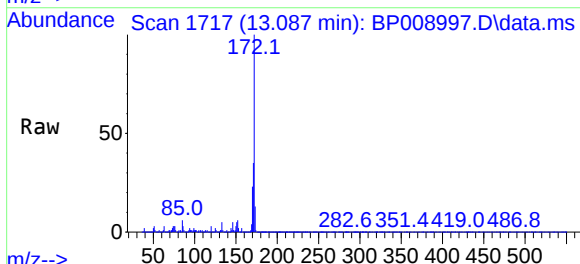
Instrument :
BNA_P
ClientSampleId :
TES-4

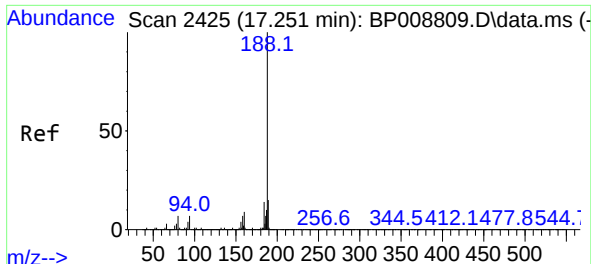
Tgt Ion: 330 Resp: 140778
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.4
141 31.3 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 10.280 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

Tgt Ion: 172 Resp: 522058
Ion Ratio Lower Upper
172 100
171 34.6 29.3 43.9
170 22.7 19.5 29.3

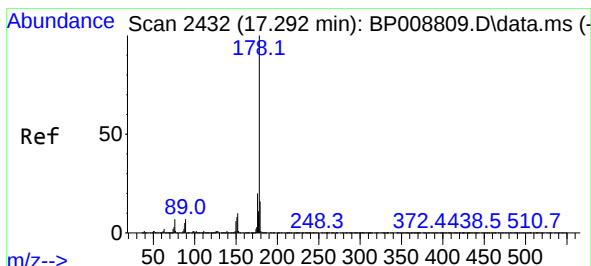
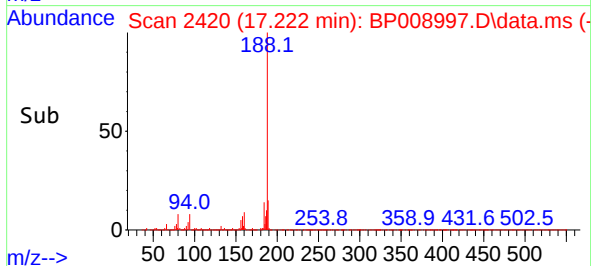
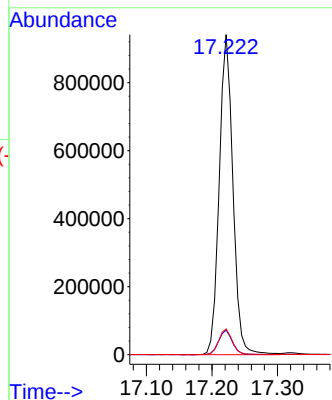
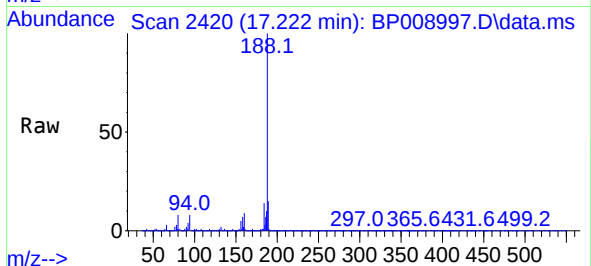




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

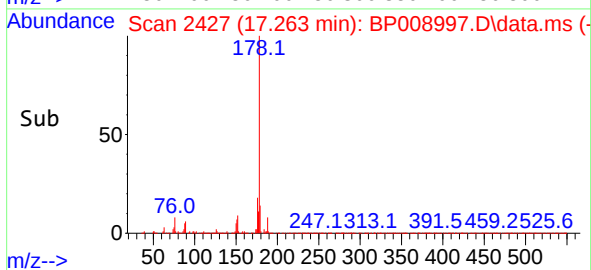
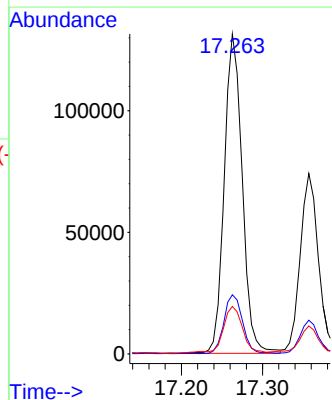
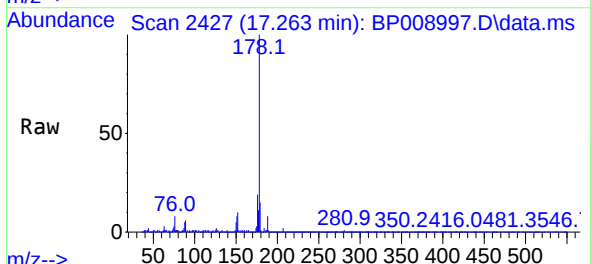
Instrument :
BNA_P
ClientSampleId :
TES-4

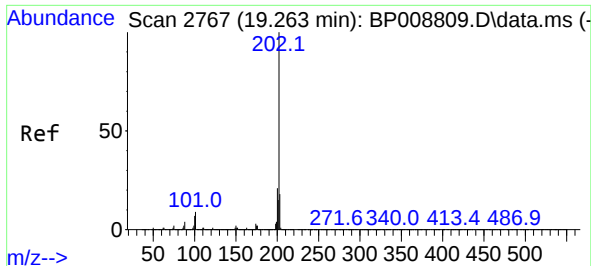
Tgt Ion:188 Resp: 1356204
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.0 7.2 10.8



#71
Phenanthrene
Concen: 2.656 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

Tgt Ion:178 Resp: 202771
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 14.8 13.0 19.4

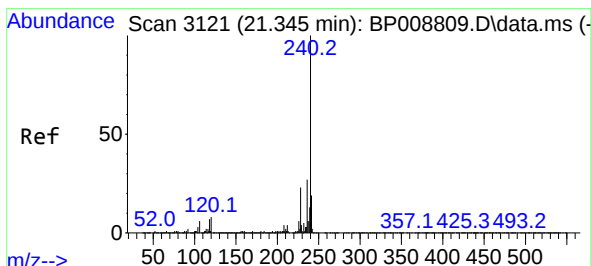
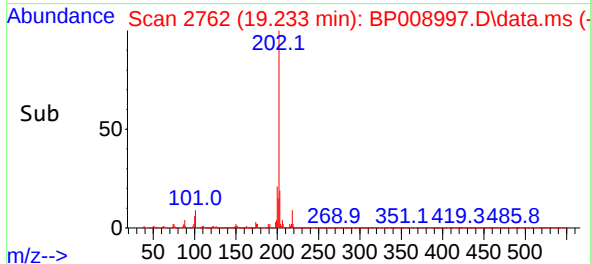
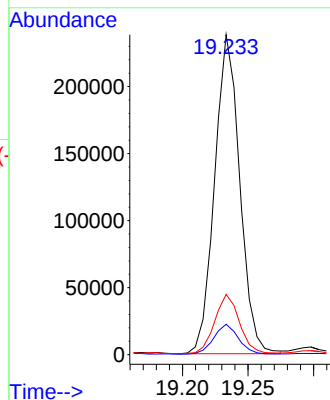
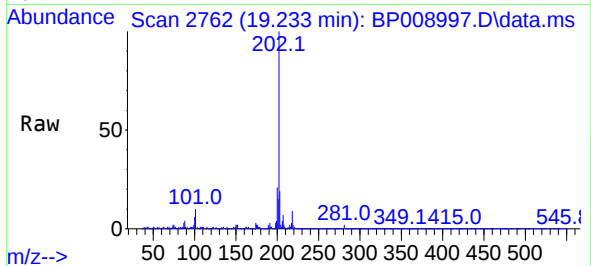




#75
Fluoranthene
Concen: 3.730 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

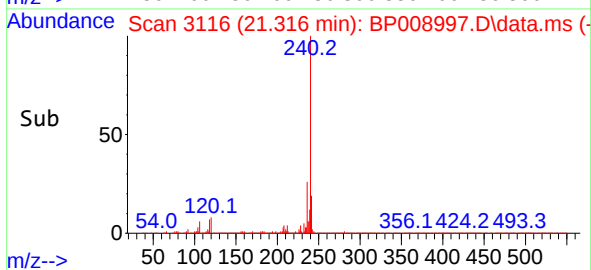
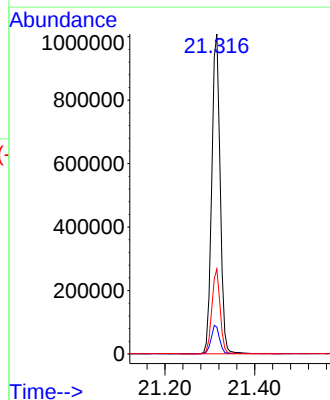
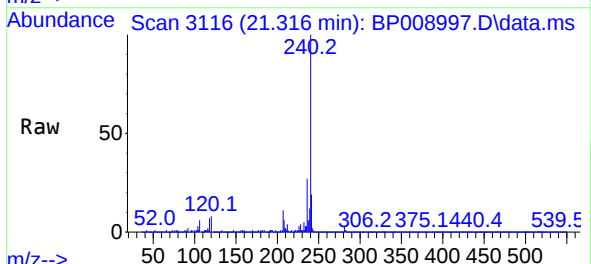
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BNA_P
ClientSampleId :
TES-4

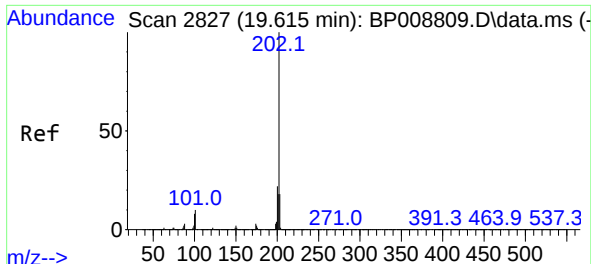
Tgt Ion:202 Resp: 316723
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 18.9 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

Tgt Ion:240 Resp: 1310430
Ion Ratio Lower Upper
240 100
120 8.4 7.7 11.5
236 26.6 21.2 31.8

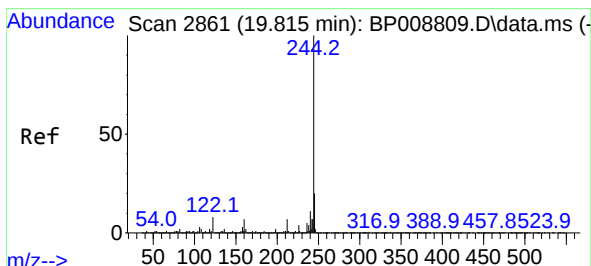
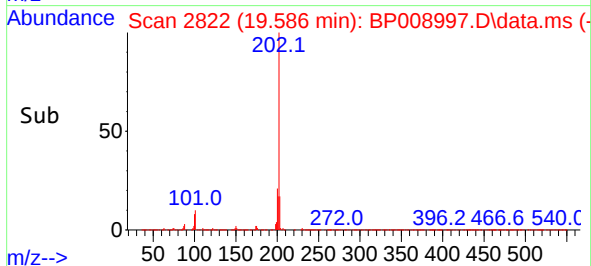
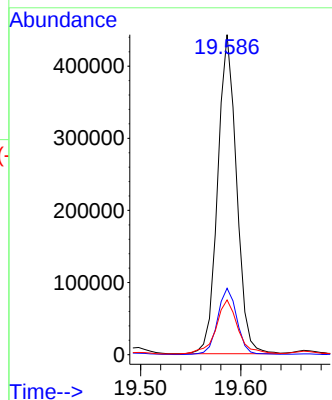
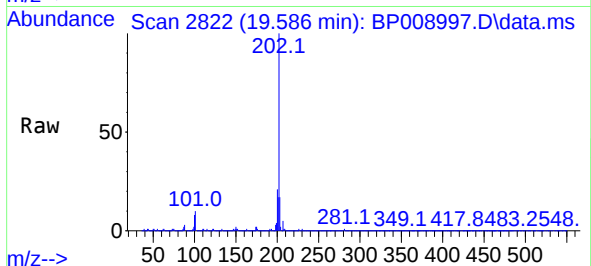




#78
 Pyrene
 Concen: 6.315 ng
 RT: 19.586 min Scan# 2822
 Delta R.T. -0.012 min
 Lab File: BP008997.D
 Acq: 01 Feb 2022 20:56

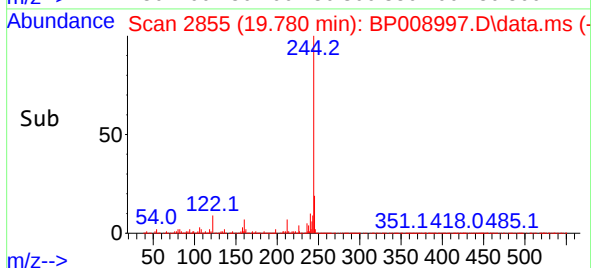
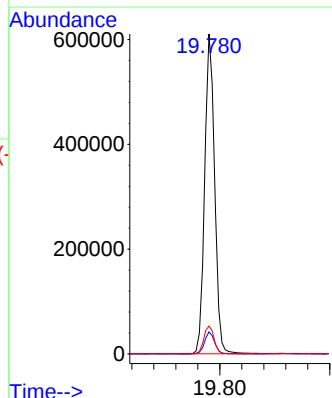
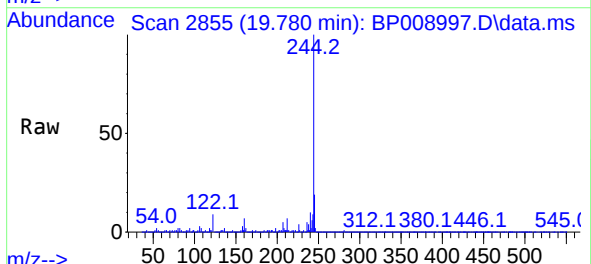
Instrument :
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 TES-4

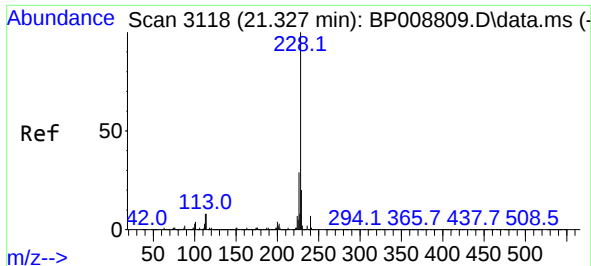
Tgt Ion:202 Resp: 577398
 Ion Ratio Lower Upper
 202 100
 200 20.8 18.0 27.0
 203 17.1 15.0 22.6



#79
 Terphenyl-d14
 Concen: 9.902 ng
 RT: 19.780 min Scan# 2855
 Delta R.T. -0.018 min
 Lab File: BP008997.D
 Acq: 01 Feb 2022 20:56

Tgt Ion:244 Resp: 768759
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 8.7 9.2 13.8

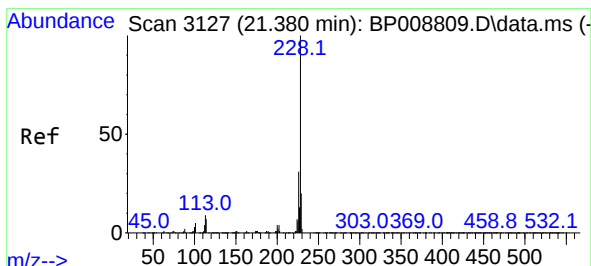
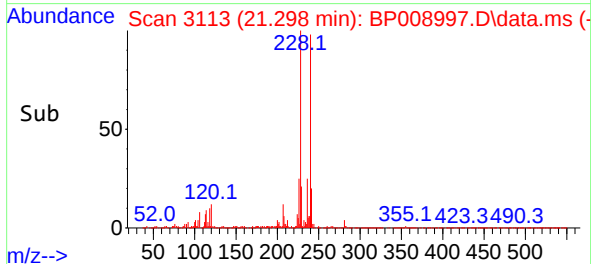
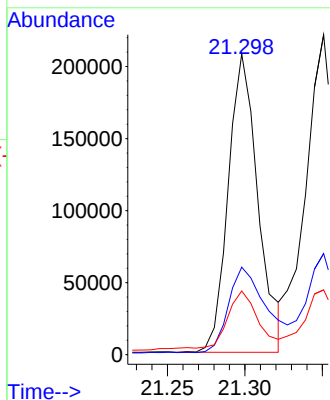
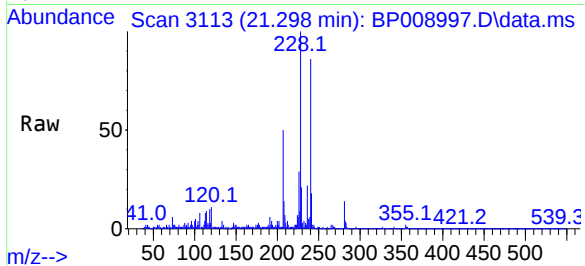




#81
Benzo(a)anthracene
Concen: 3.148 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

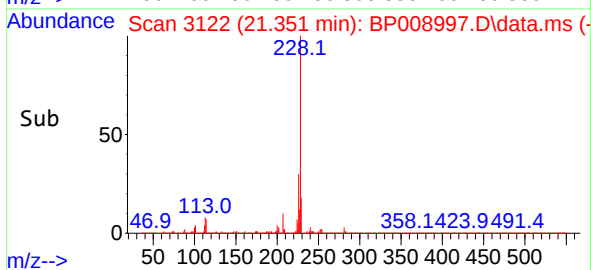
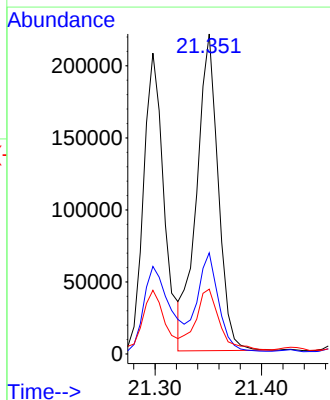
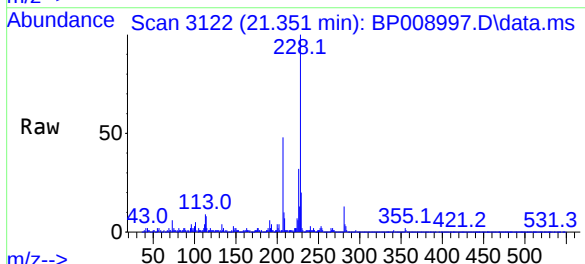
Instrument :
BNA_P
ClientSampleId :
TES-4

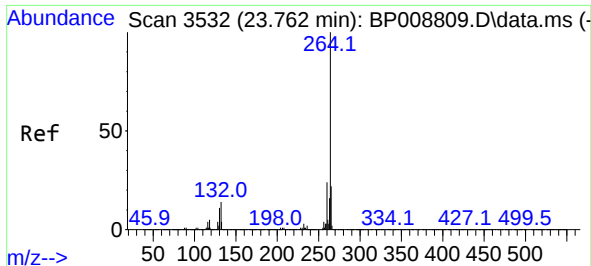
Tgt Ion:228 Resp: 277555
Ion Ratio Lower Upper
228 100
226 29.1 23.3 34.9
229 21.2 17.0 25.6



#83
Chrysene
Concen: 3.638 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

Tgt Ion:228 Resp: 310908
Ion Ratio Lower Upper
228 100
226 31.6 26.0 39.0
229 20.3 16.9 25.3



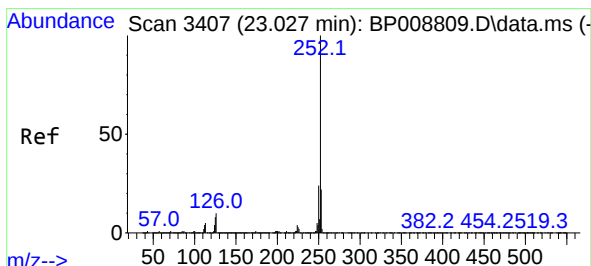
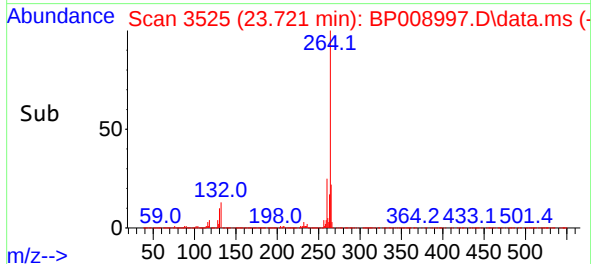
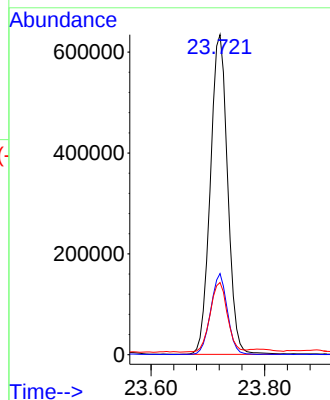
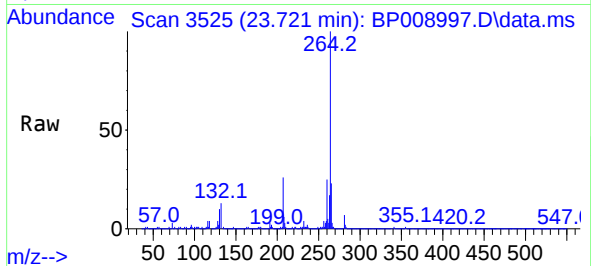


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

Instrument :
BNA_P
ClientSampleId :
TES-4

Tgt Ion:264 Resp: 1333867

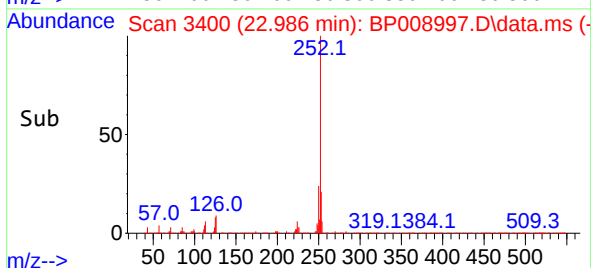
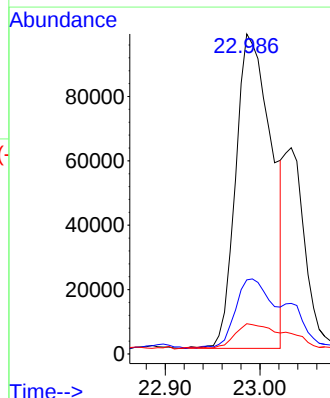
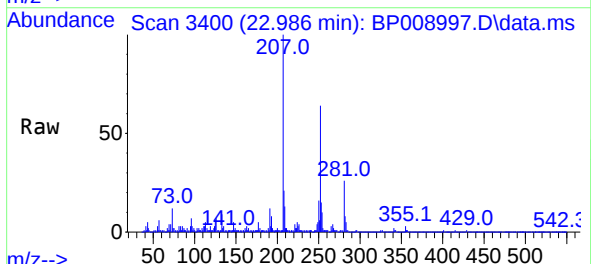
Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.1	28.7
265	22.5	17.1	25.7

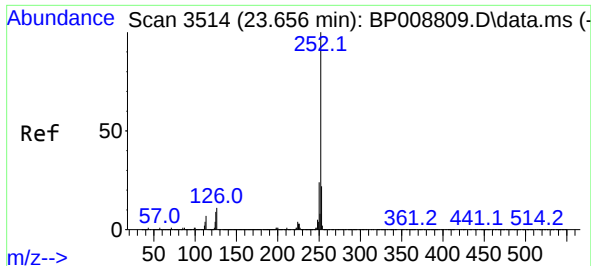


#88
Benzo(b)fluoranthene
Concen: 2.880 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.018 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

Tgt Ion:252 Resp: 256536

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	9.4	6.9	10.3





#90
 Benzo(a)pyrene
 Concen: 2.424 ng
 RT: 23.615 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP008997.D
 Acq: 01 Feb 2022 20:56

Instrument :
 BNA_P
 ClientSampleId :
 TES-4

Tgt Ion:252 Resp: 208410
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.8 26.8
 125 9.9 7.8 11.6

