

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009650.D
 Acq On : 31 Mar 2022 21:13
 Operator : CG/JU
 Sample : N2150-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 279

Quant Time: Apr 01 04:12:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

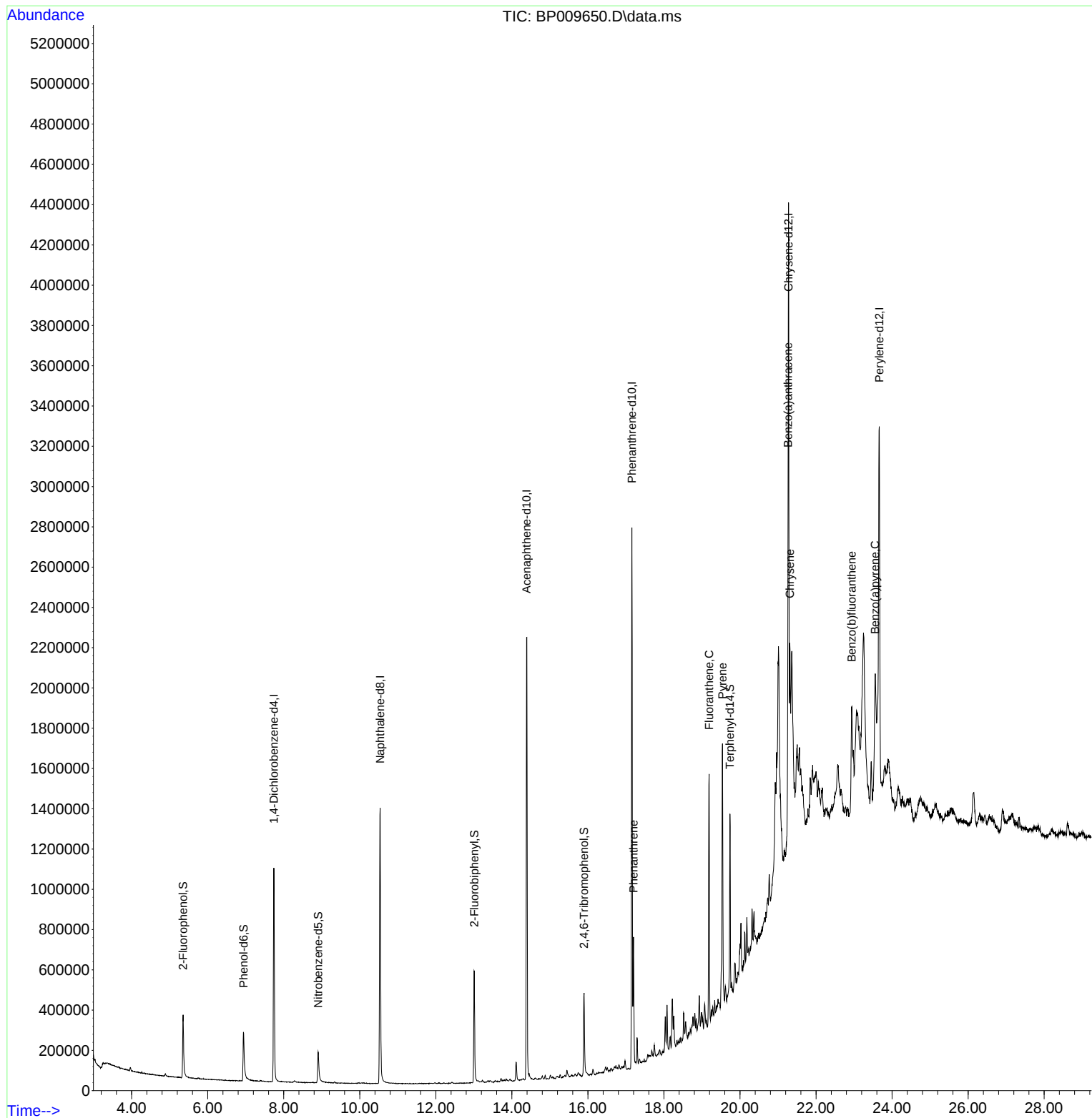
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	336063	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1356700	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	867066	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1742713	20.000	ng	0.00
76) Chrysene-d12	21.275	240	1361845	20.000	ng	0.00
86) Perylene-d12	23.663	264	1500463	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	195840	10.174	ng	0.00
7) Phenol-d6	6.940	99	240836	9.252	ng	0.00
23) Nitrobenzene-d5	8.905	82	143637	5.626	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	102442	7.160	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	376571	6.021	ng	0.00
79) Terphenyl-d14	19.733	244	475468	6.267	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.198	178	403960	4.330	ng	100
75) Fluoranthene	19.186	202	801199	7.094	ng	98
78) Pyrene	19.539	202	876150	9.763	ng	99
81) Benzo(a)anthracene	21.263	228	398964	4.459	ng	96
83) Chrysene	21.310	228	400377	4.726	ng	98
88) Benzo(b)fluoranthene	22.939	252	451178	5.037	ng	# 97
90) Benzo(a)pyrene	23.551	252	265308	3.462	ng	# 95

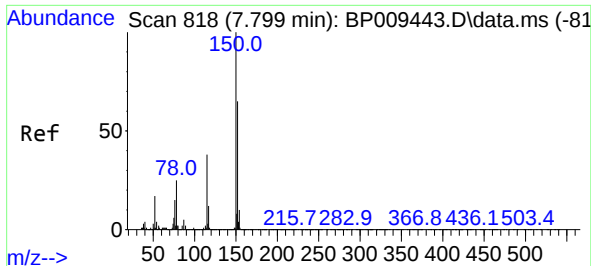
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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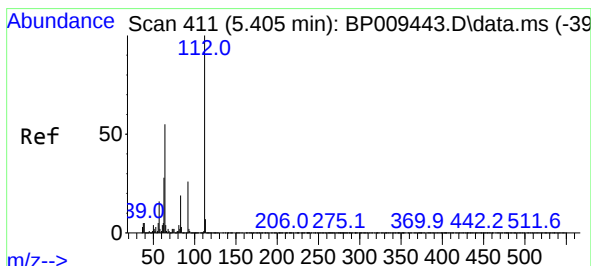
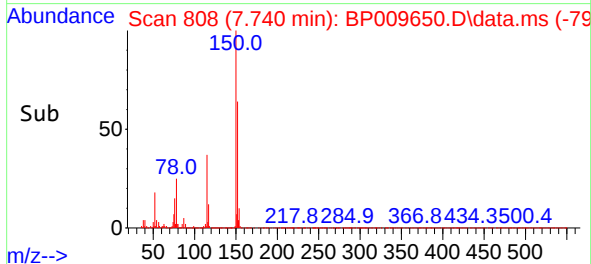
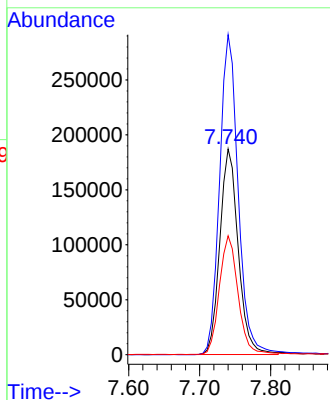
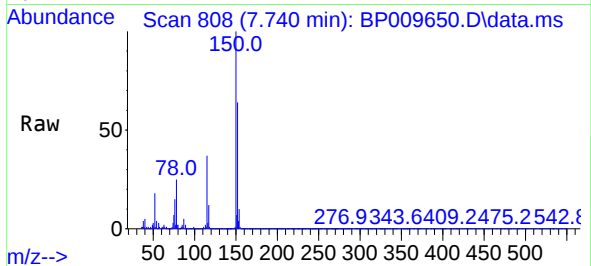




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

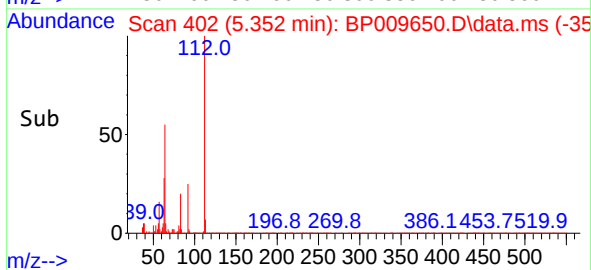
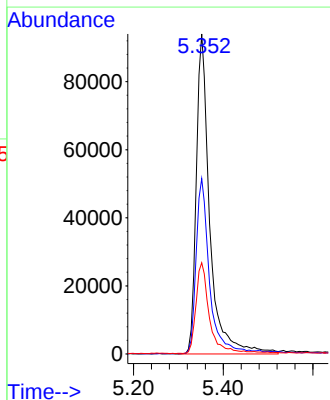
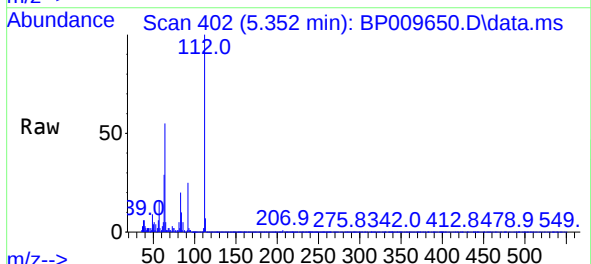
Instrument :
BNA_P
ClientSampleId :
279

Tgt Ion:152 Resp: 336063
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 57.8 48.2 72.4



#5
2-Fluorophenol
Concen: 10.174 ng
RT: 5.352 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

Tgt Ion:112 Resp: 195840
Ion Ratio Lower Upper
112 100
64 54.8 45.0 67.4
63 28.5 23.0 34.6

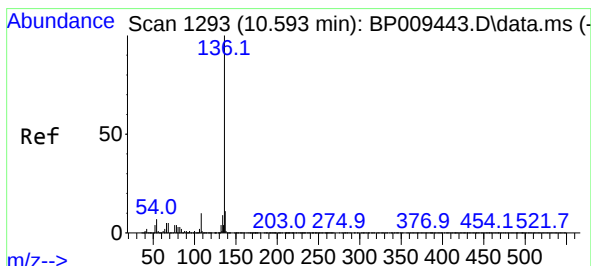
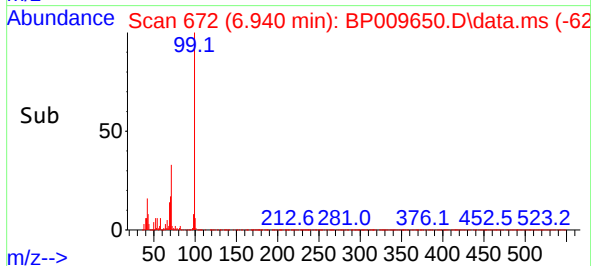
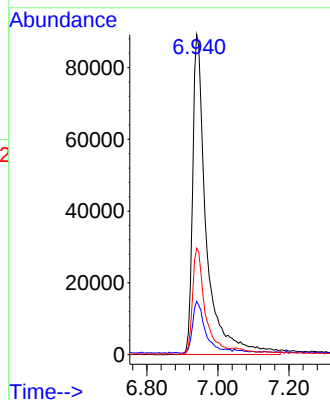
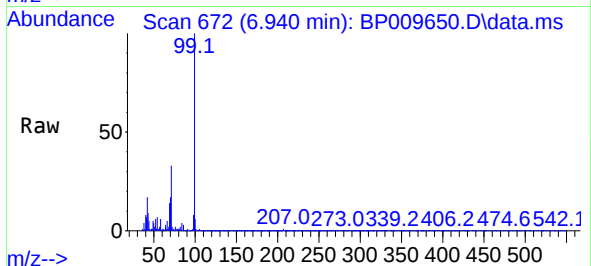




#7
Phenol-d6
Concen: 9.252 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

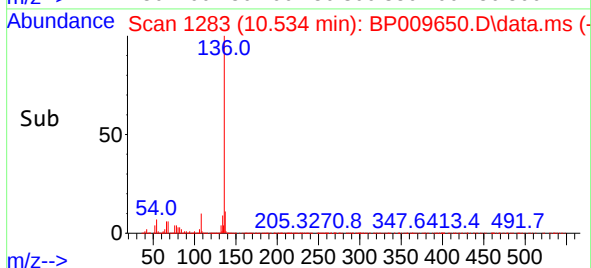
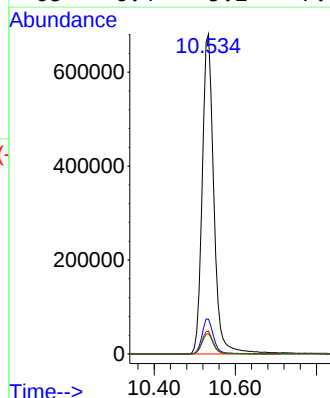
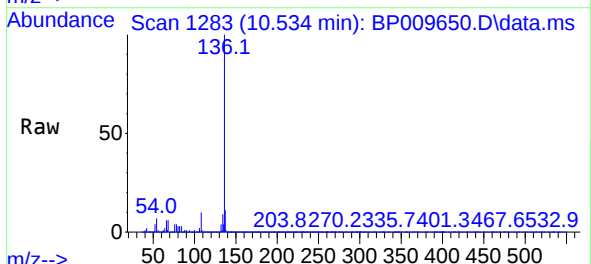
Instrument :
BNA_P
ClientSampleId :
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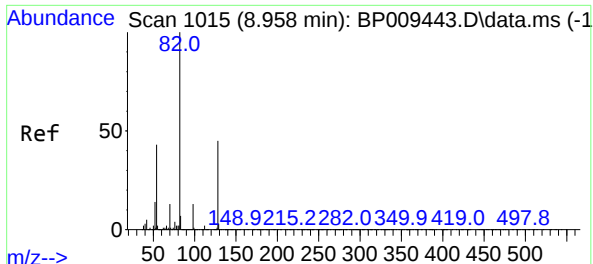
Tgt Ion: 99 Resp: 240836
Ion Ratio Lower Upper
99 100
42 16.6 12.8 19.2
71 33.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

Tgt Ion: 136 Resp: 1356700
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.2 5.8 8.8
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 5.626 ng

RT: 8.905 min Scan# 1015

Delta R.T. 0.006 min

Lab File: BP009650.D

Acq: 31 Mar 2022 21:13

Instrument :

BNA_P

ClientSampleId :

279

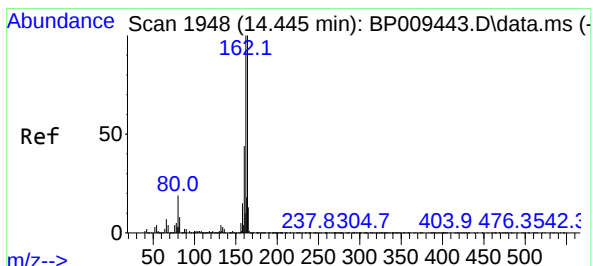
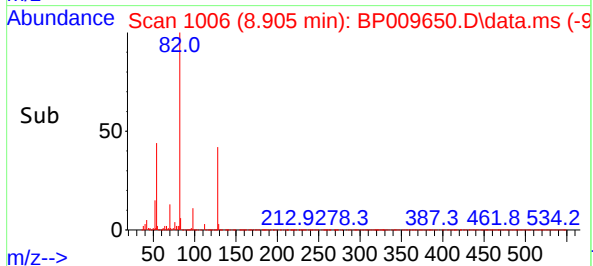
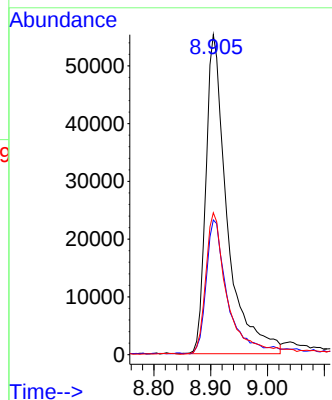
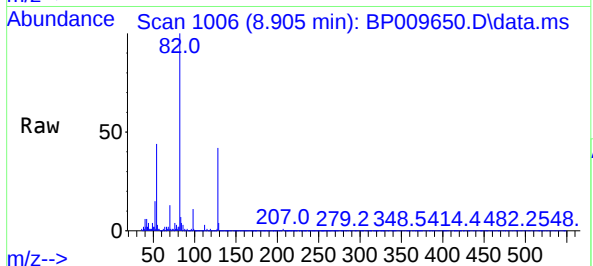
Tgt Ion: 82 Resp: 143637

Ion Ratio Lower Upper

82 100

128 42.1 34.2 51.4

54 44.3 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.387 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BP009650.D

Acq: 31 Mar 2022 21:13

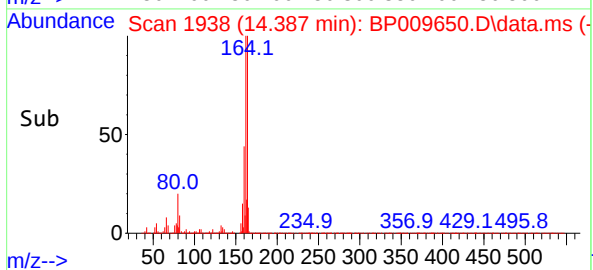
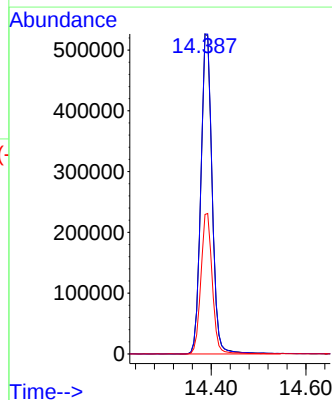
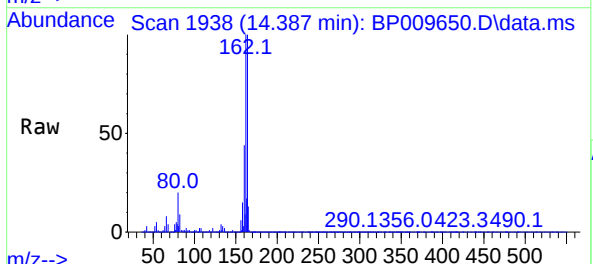
Tgt Ion: 164 Resp: 867066

Ion Ratio Lower Upper

164 100

162 100.1 79.1 118.7

160 43.6 34.9 52.3

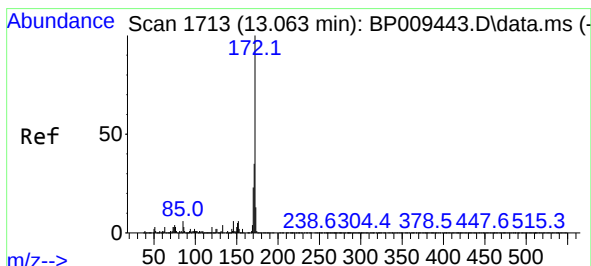
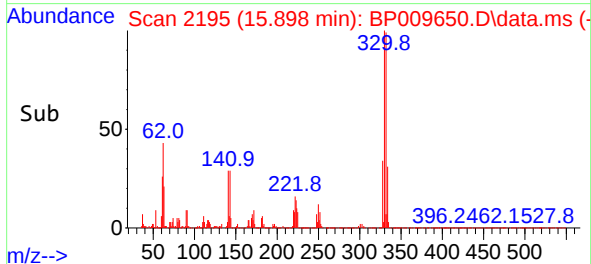
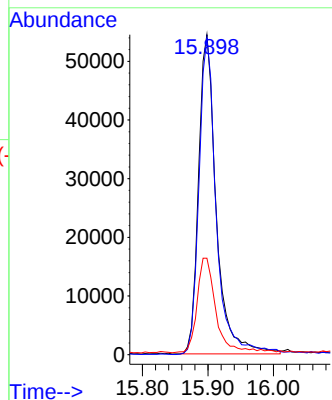
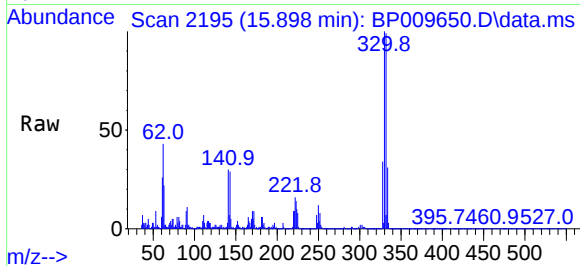




#42
2,4,6-Tribromophenol
Concen: 7.160 ng
RT: 15.898 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

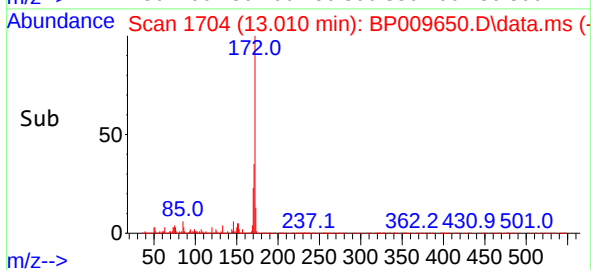
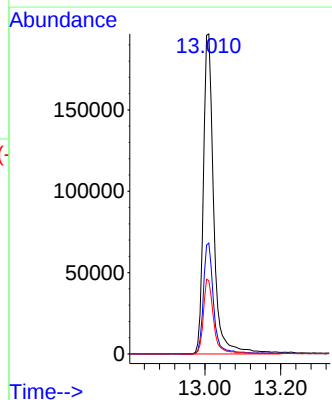
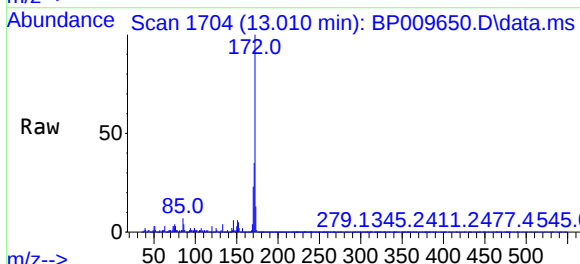
Instrument :
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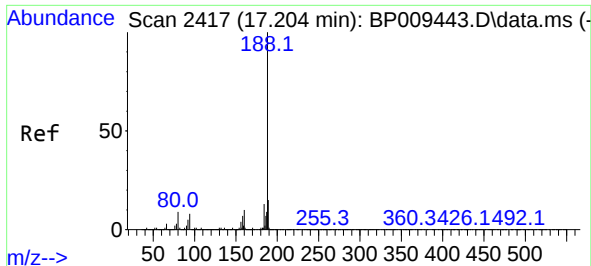
Tgt Ion:330 Resp: 102442
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 32.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 6.021 ng
RT: 13.010 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

Tgt Ion:172 Resp: 376571
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 22.9 18.6 27.8

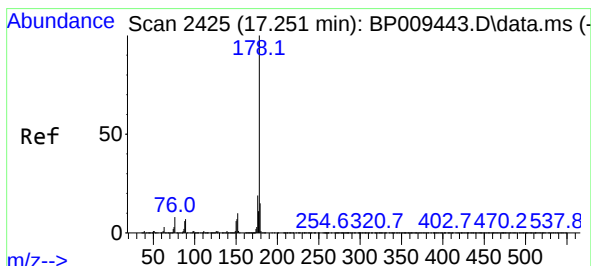
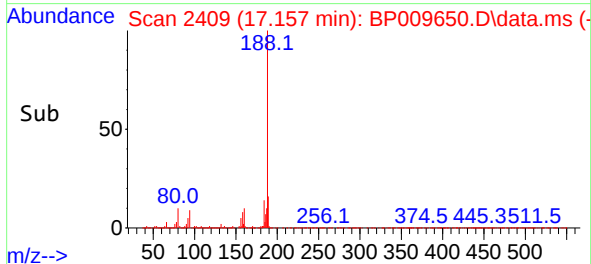
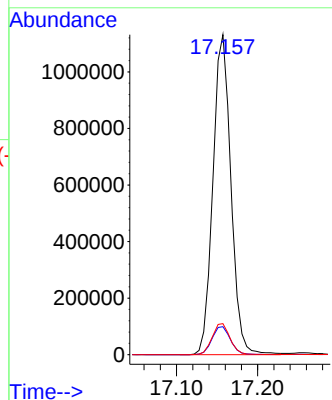
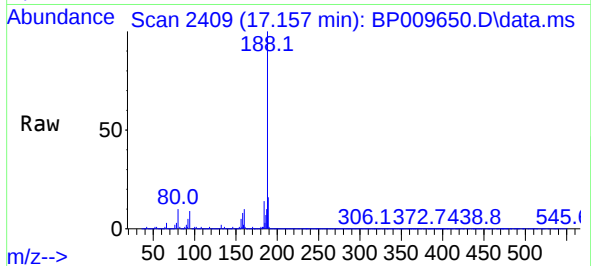




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

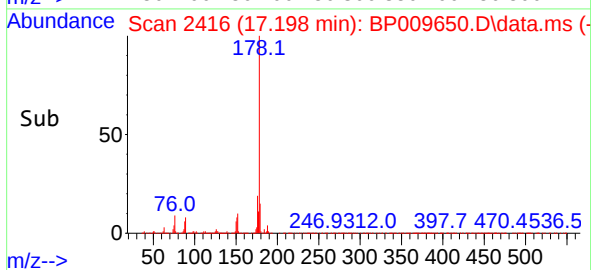
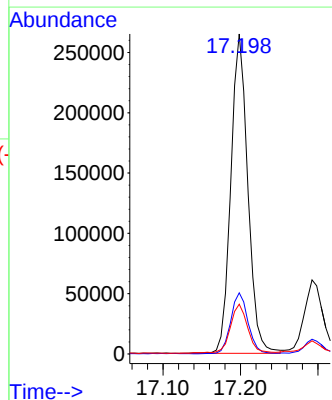
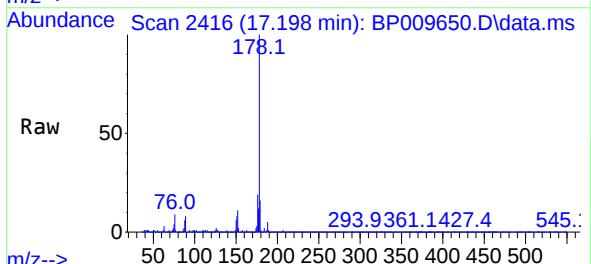
Instrument :
BNA_P
ClientSampleId :
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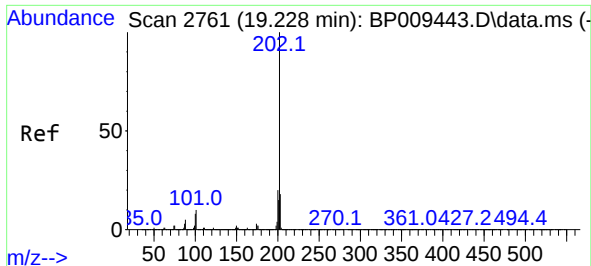
Tgt Ion:188 Resp: 1742713
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.7 8.8 13.2



#71
Phenanthrene
Concen: 4.330 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

Tgt Ion:178 Resp: 403960
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.3 18.5

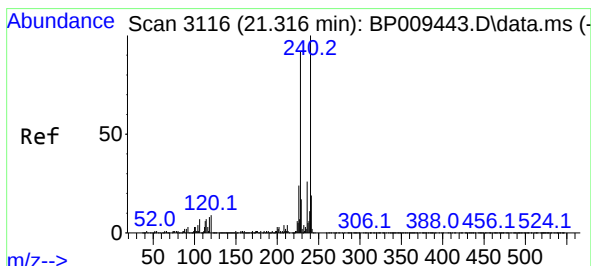
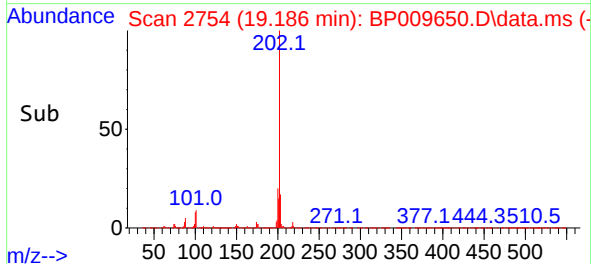
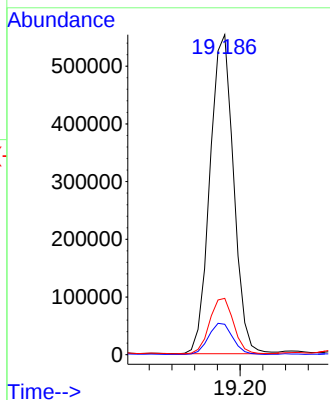
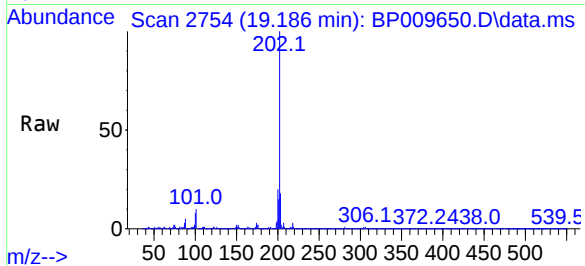




#75
Fluoranthene
Concen: 7.094 ng
RT: 19.186 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

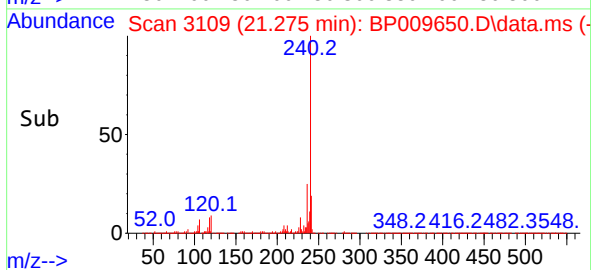
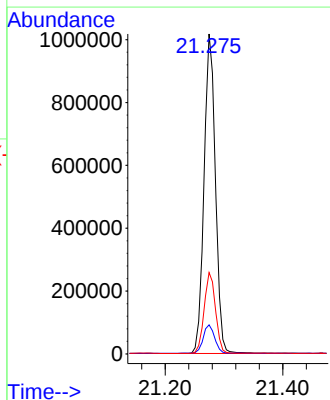
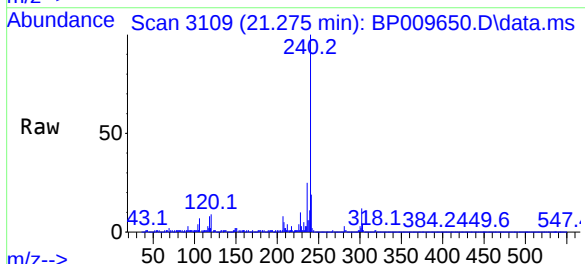
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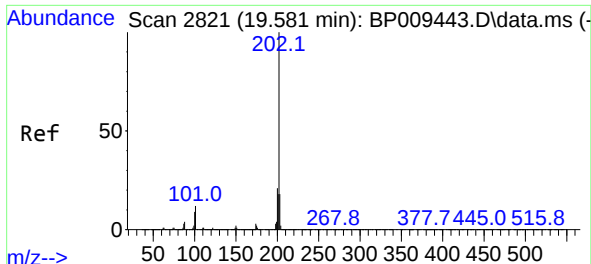
Tgt Ion:202 Resp: 801199
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.5
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.275 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

Tgt Ion:240 Resp: 1361845
Ion Ratio Lower Upper
240 100
120 9.1 9.0 13.4
236 25.5 20.6 30.8

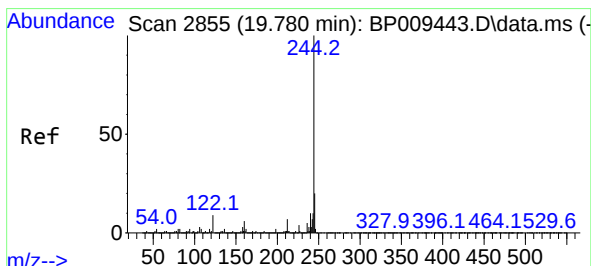
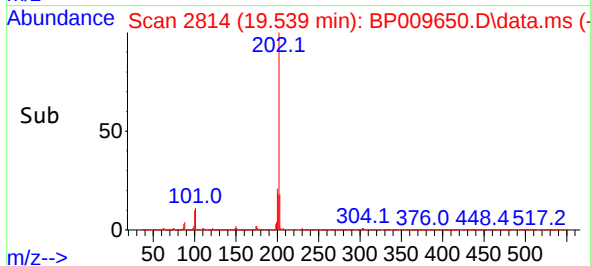
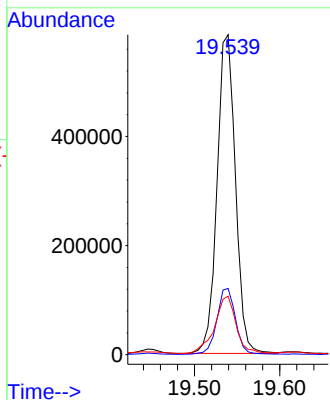
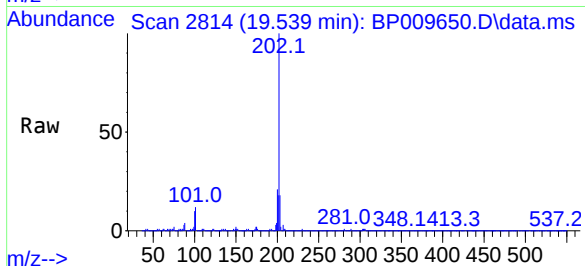




#78
Pyrene
Concen: 9.763 ng
RT: 19.539 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

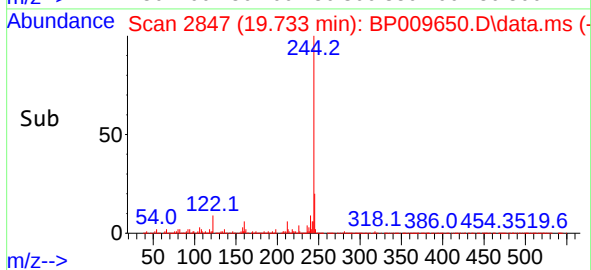
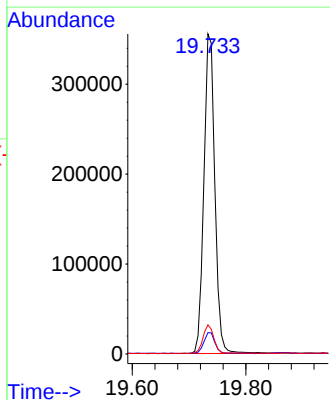
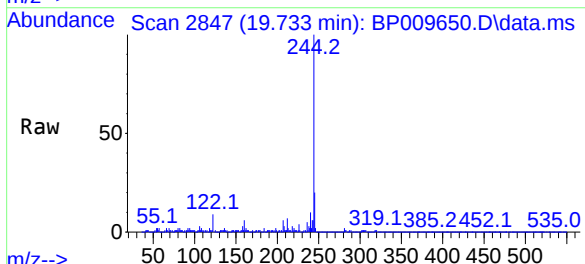
Instrument :
BNA_P
ClientSampleId :
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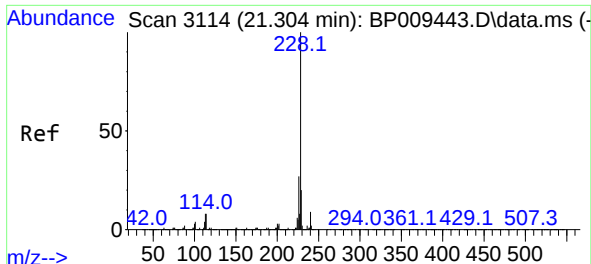
Tgt Ion:202 Resp: 876150
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 18.3 14.2 21.4



#79
Terphenyl-d14
Concen: 6.267 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

Tgt Ion:244 Resp: 475468
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 9.1 8.3 12.5

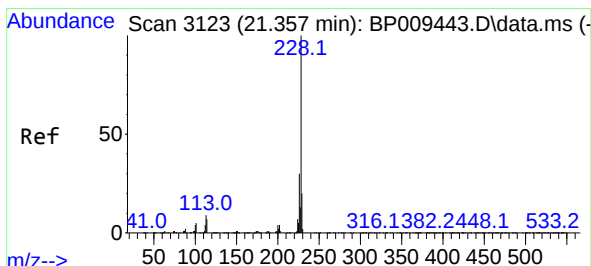
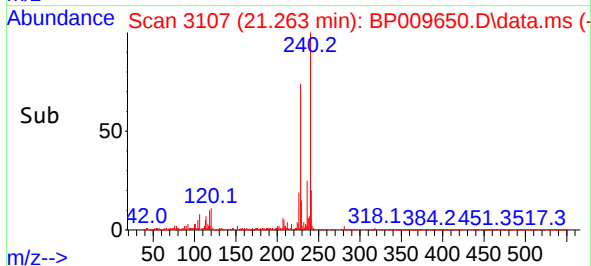
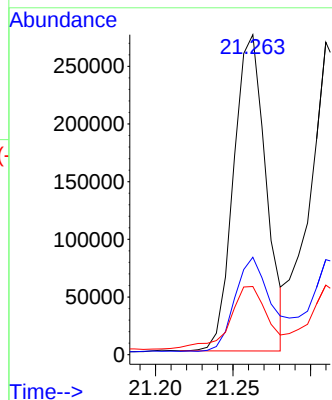
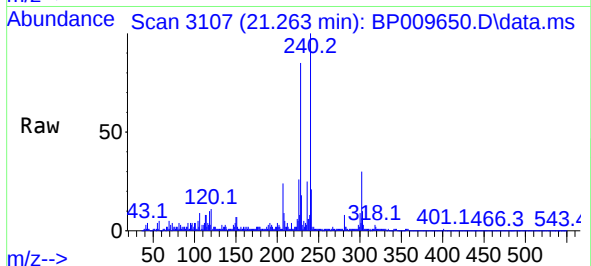




#81
Benzo(a)anthracene
Concen: 4.459 ng
RT: 21.263 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

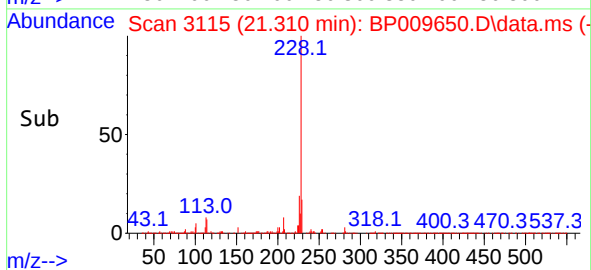
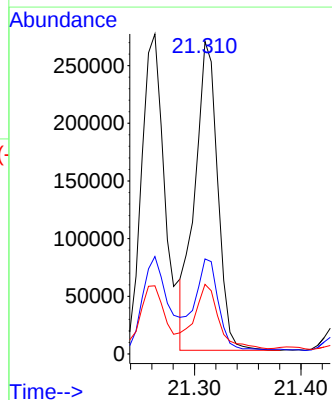
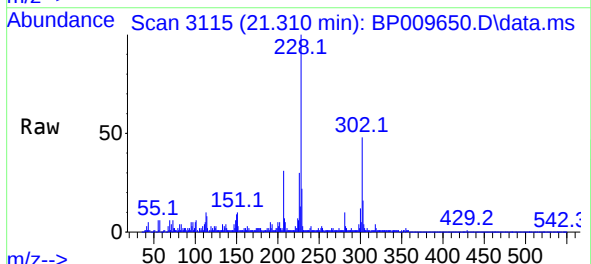
Instrument :
BNA_P
ClientSampleId :
279

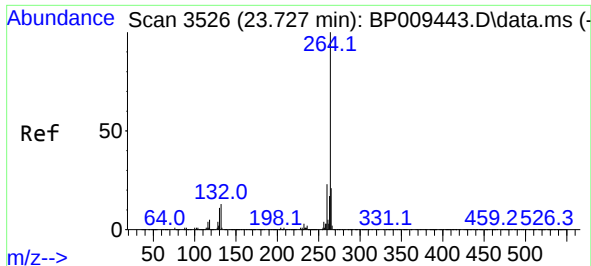
Tgt Ion:228 Resp: 398964
Ion Ratio Lower Upper
228 100
226 30.5 22.0 33.0
229 21.3 16.1 24.1



#83
Chrysene
Concen: 4.726 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

Tgt Ion:228 Resp: 400377
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 22.3 16.1 24.1

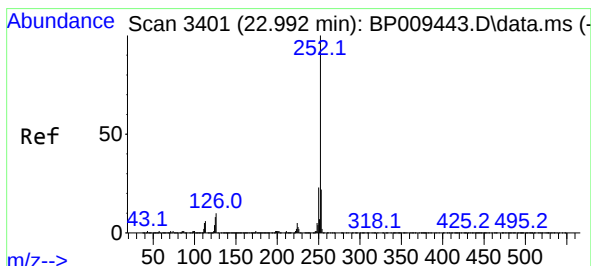
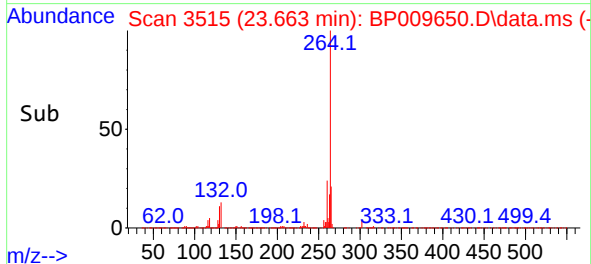
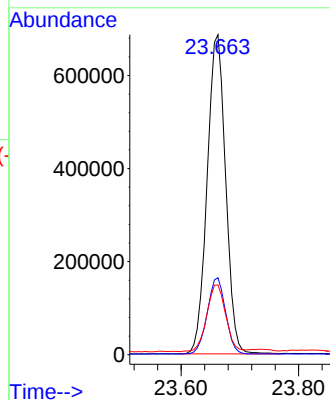
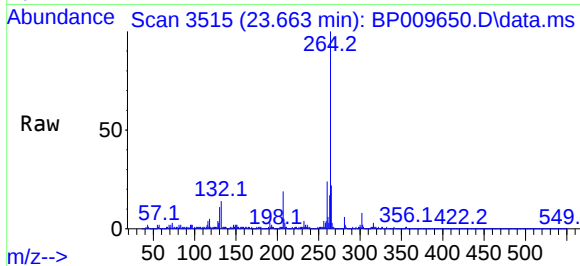




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.663 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

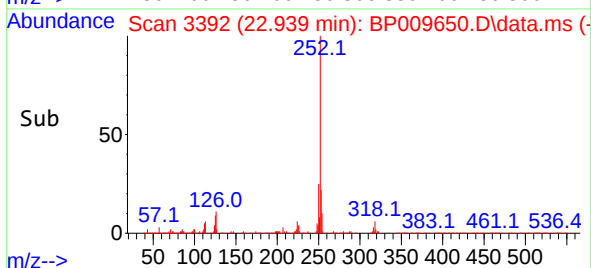
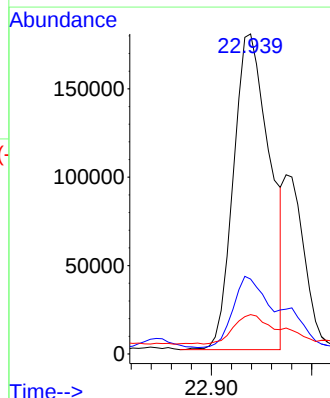
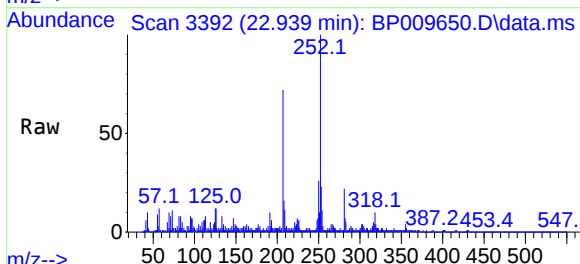
Instrument :
BNA_P
ClientSampleId :
279

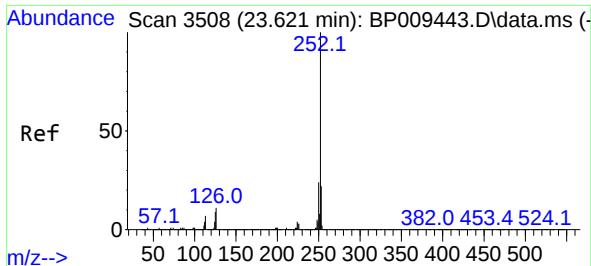
Tgt Ion:264 Resp: 1500463
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 21.8 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 5.037 ng
RT: 22.939 min Scan# 3392
Delta R.T. 0.012 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

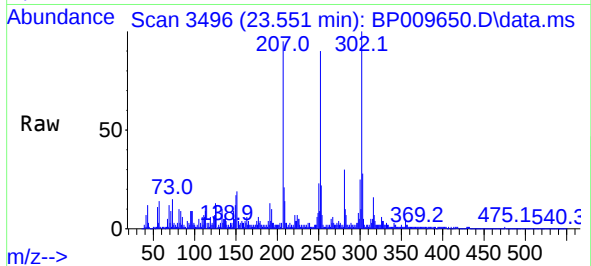
Tgt Ion:252 Resp: 451178
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 12.3 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 3.462 ng
RT: 23.551 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP009650.D
Acq: 31 Mar 2022 21:13

Instrument :
BNA_P
ClientSampleId :
279



Tgt Ion:252 Resp: 265308
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 14.4 9.3 13.9#

