

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
 Data File : BP009690.D
 Acq On : 04 Apr 2022 21:30
 Operator : CG/JU
 Sample : N2241-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-040122

Quant Time: Apr 04 23:27:52 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)

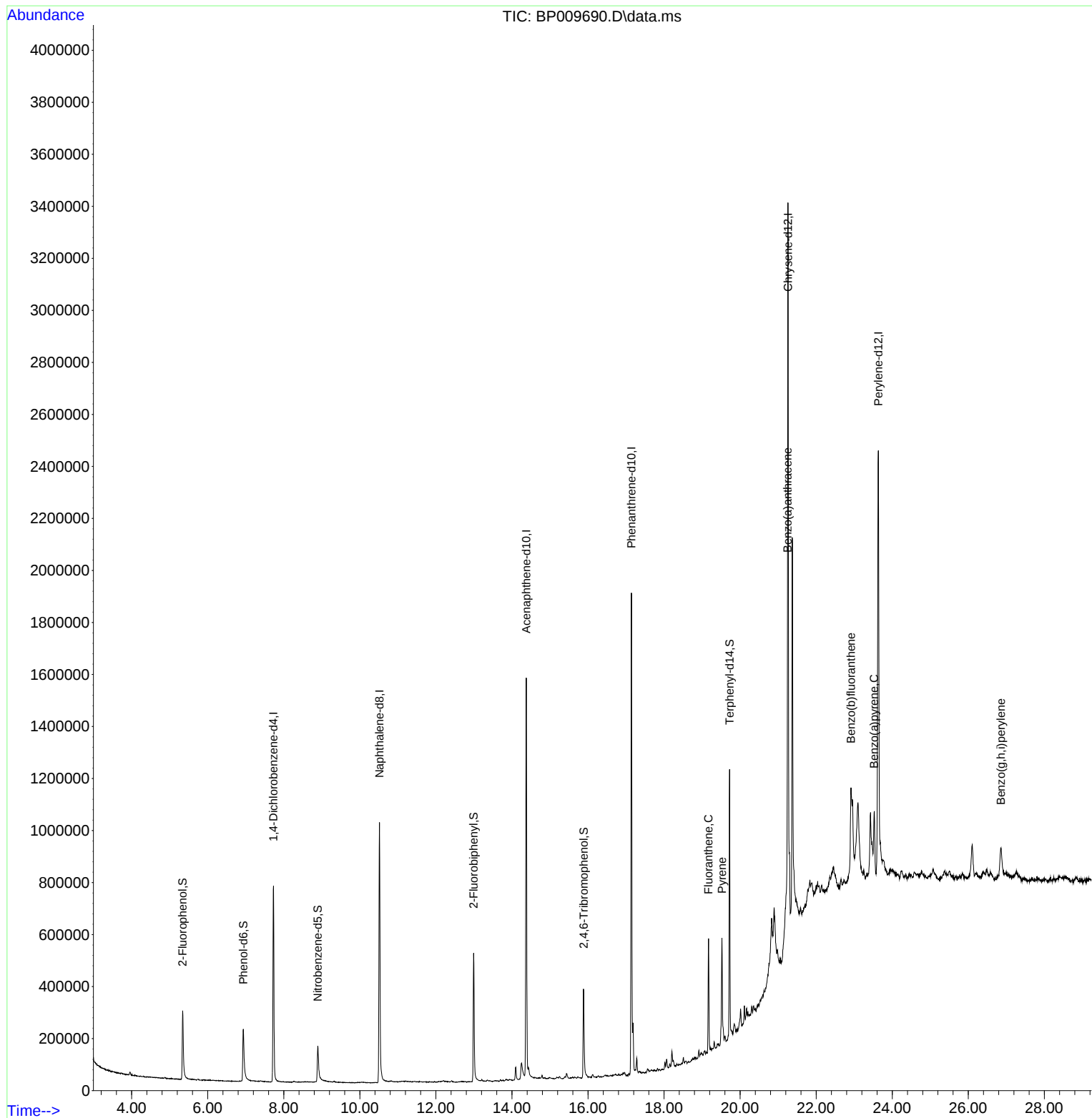
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	246591	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	982191	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	610667	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1252618	20.000	ng	-0.02
76) Chrysene-d12	21.257	240	1262247	20.000	ng	-0.02
86) Perylene-d12	23.633	264	1303589	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	174209	12.334	ng	0.00
7) Phenol-d6	6.934	99	212124	11.106	ng	0.00
23) Nitrobenzene-d5	8.893	82	133351	7.215	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	85665	8.501	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	329025	7.469	ng	-0.02
79) Terphenyl-d14	19.722	244	513876	7.307	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	19.169	202	292808	3.607	ng	98
78) Pyrene	19.522	202	271286	3.262	ng	99
81) Benzo(a)anthracene	21.245	228	173566	2.093	ng	93
88) Benzo(b)fluoranthene	22.916	252	248259	3.190	ng	# 94
90) Benzo(a)pyrene	23.521	252	176461	2.650	ng	97
92) Benzo(g,h,i)perylene	26.857	276	164494	2.029	ng	97

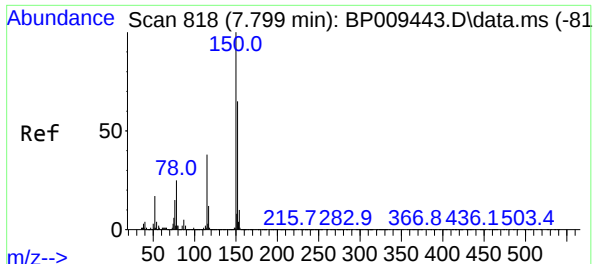
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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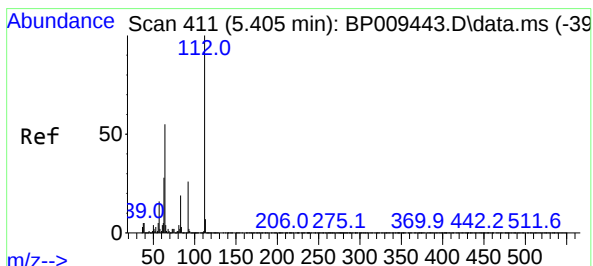
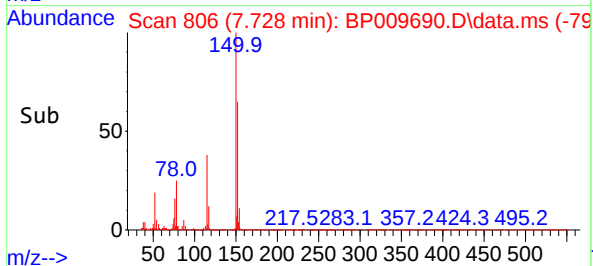
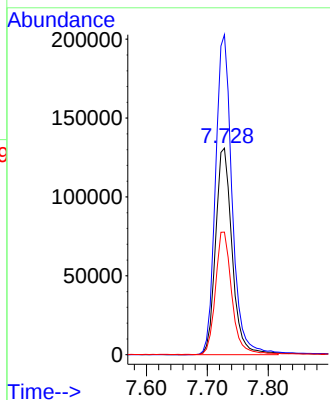
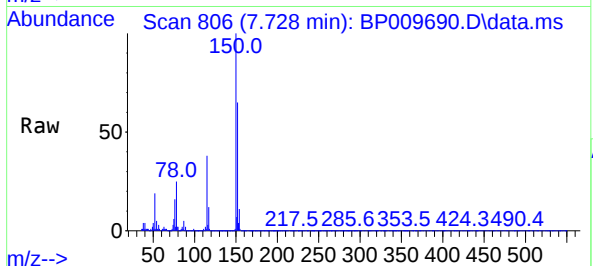




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

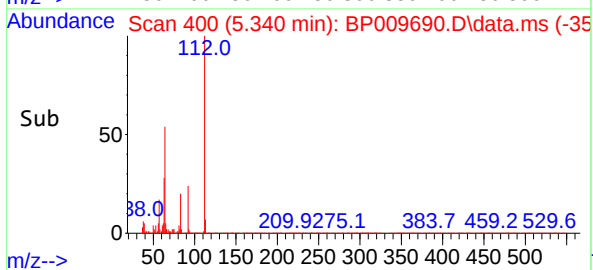
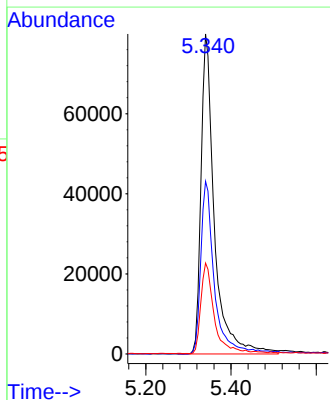
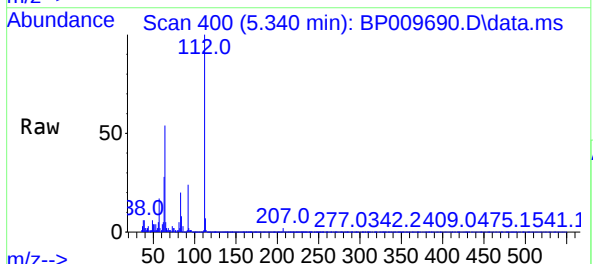
Instrument :
BNA_P
ClientSampleId :
CL-02-040122

Tgt Ion:152 Resp: 246591
Ion Ratio Lower Upper
152 100
150 154.9 124.5 186.7
115 59.4 48.2 72.4



#5
2-Fluorophenol
Concen: 12.334 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

Tgt Ion:112 Resp: 174209
Ion Ratio Lower Upper
112 100
64 54.0 45.0 67.4
63 28.4 23.0 34.6

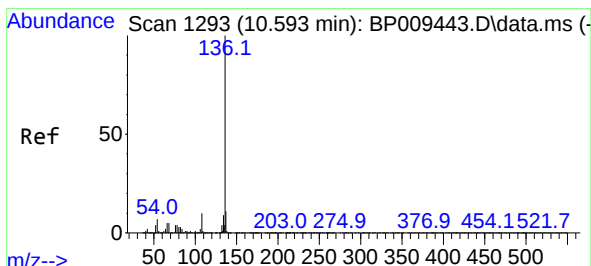
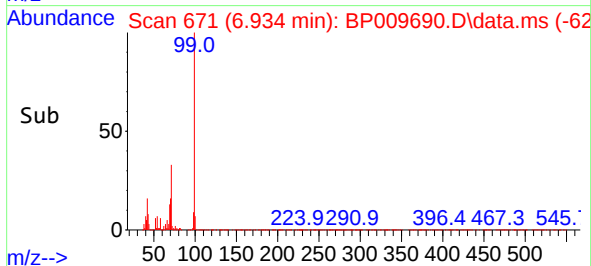
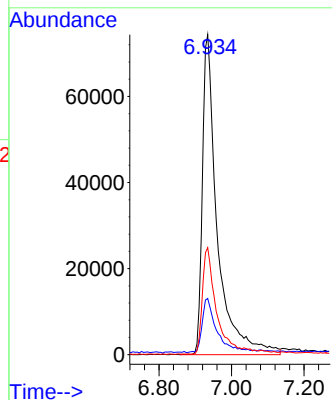
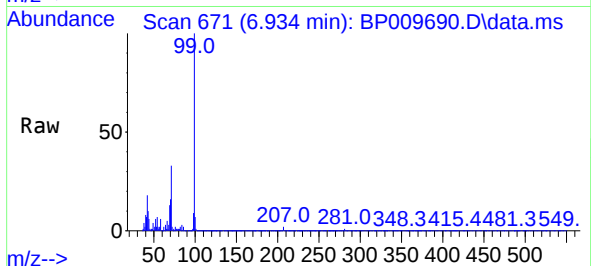




#7
Phenol-d6
Concen: 11.106 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

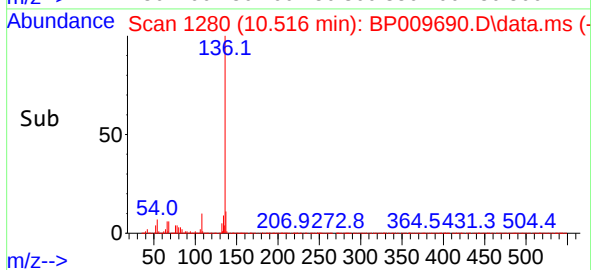
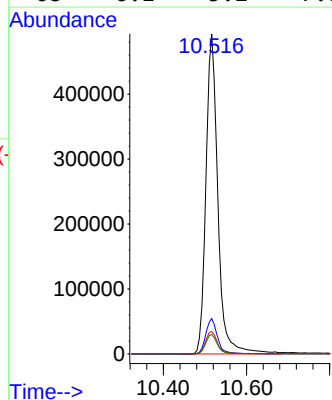
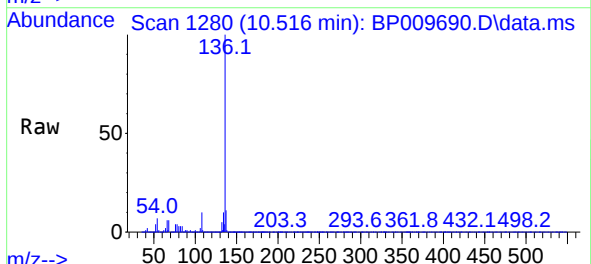
Instrument :
BNA_P
ClientSampleId :
CL-02-040122

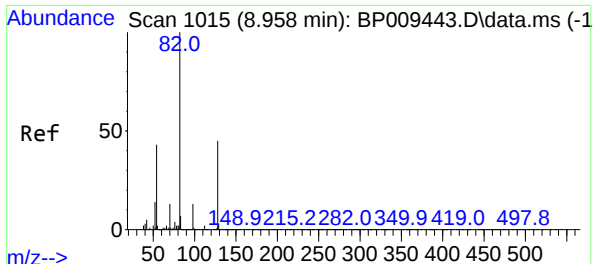
Tgt Ion: 99 Resp: 212124
Ion Ratio Lower Upper
99 100
42 17.6 12.8 19.2
71 33.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

Tgt Ion: 136 Resp: 982191
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.0 5.8 8.8
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 7.215 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP009690.D

Acq: 04 Apr 2022 21:30

Instrument :

BNA_P

ClientSampleId :

CL-02-040122

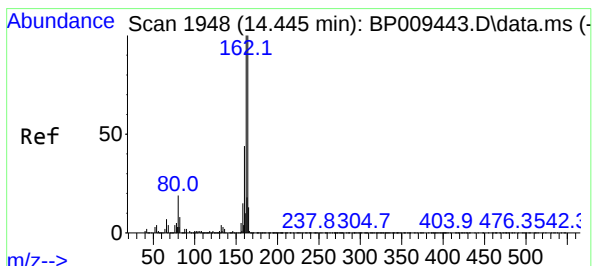
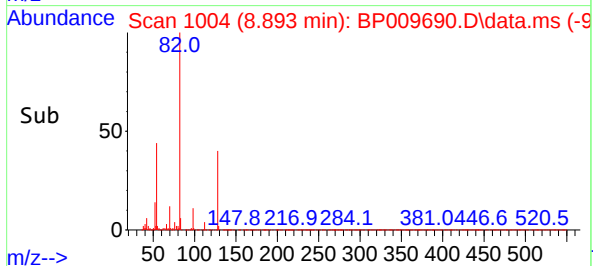
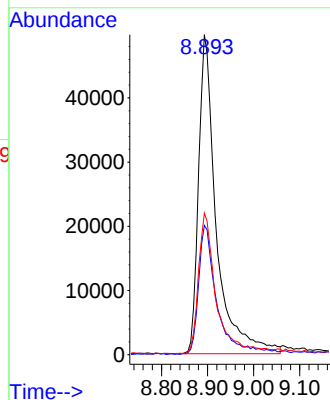
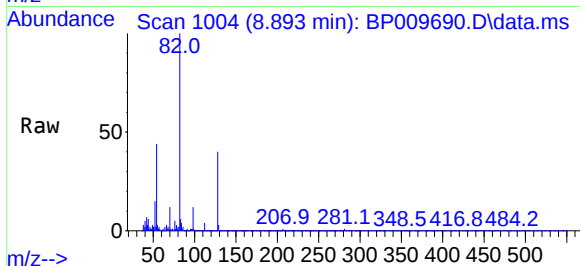
Tgt Ion: 82 Resp: 133351

Ion Ratio Lower Upper

82 100

128 40.4 34.2 51.4

54 44.3 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

Delta R.T. -0.018 min

Lab File: BP009690.D

Acq: 04 Apr 2022 21:30

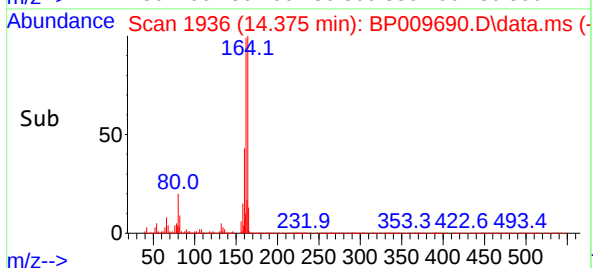
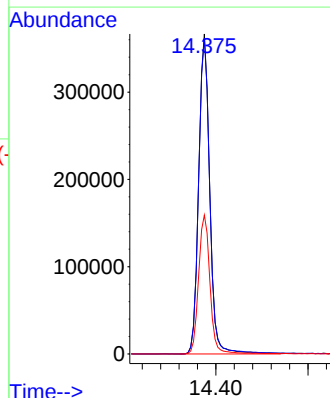
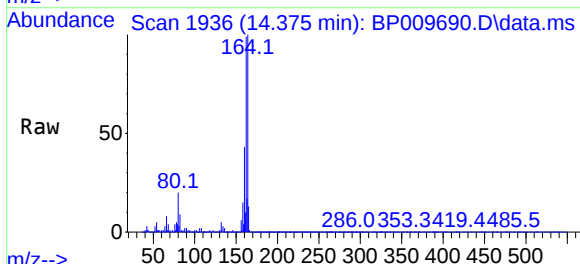
Tgt Ion: 164 Resp: 610667

Ion Ratio Lower Upper

164 100

162 98.6 79.1 118.7

160 43.4 34.9 52.3

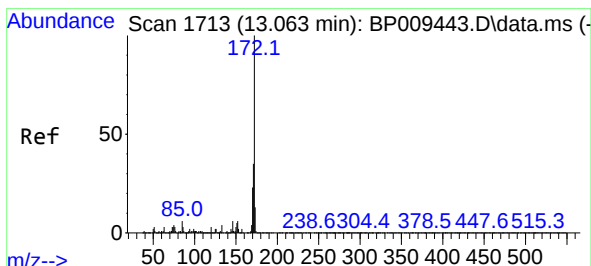
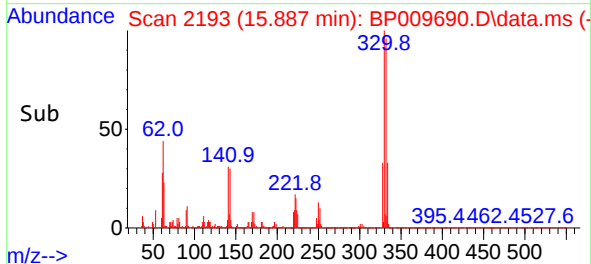
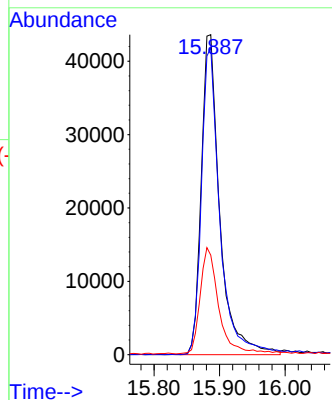
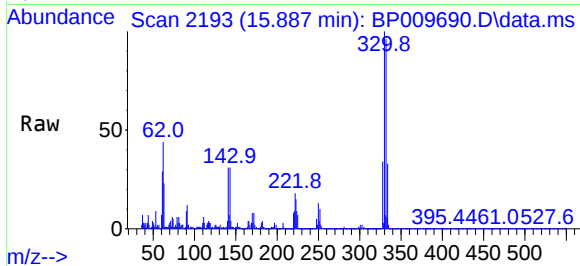




#42
2,4,6-Tribromophenol
Concen: 8.501 ng
RT: 15.887 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

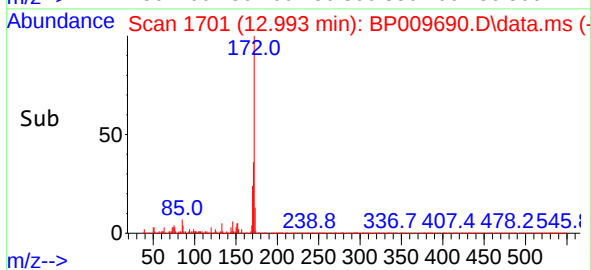
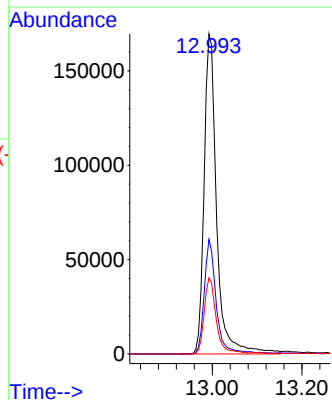
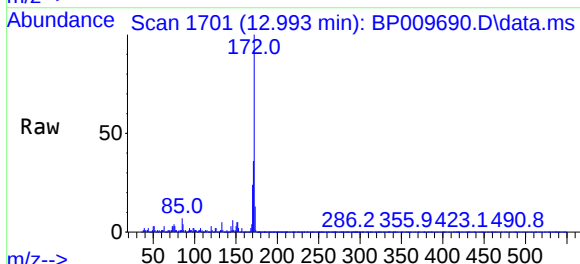
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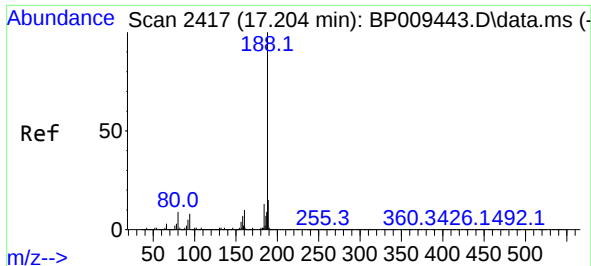
Tgt Ion:	330	Resp:	85665
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	33.9	27.6	41.4



#45
2-Fluorobiphenyl
Concen: 7.469 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.018 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

Tgt Ion:	172	Resp:	329025
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.0	42.0
170	23.8	18.6	27.8

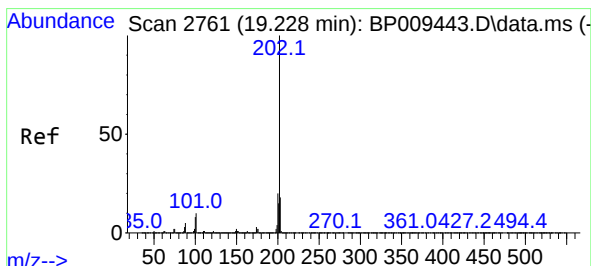
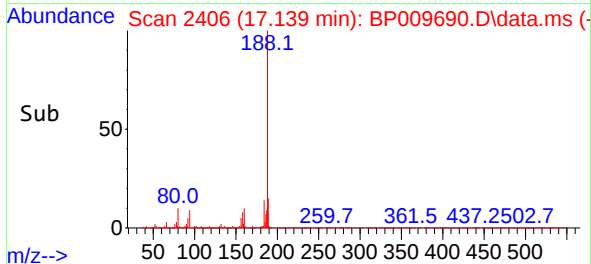
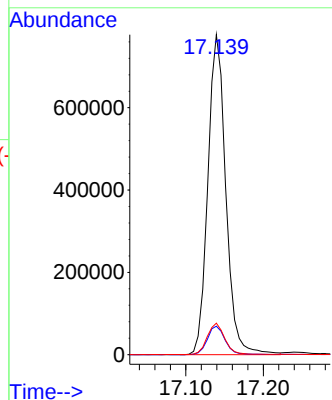
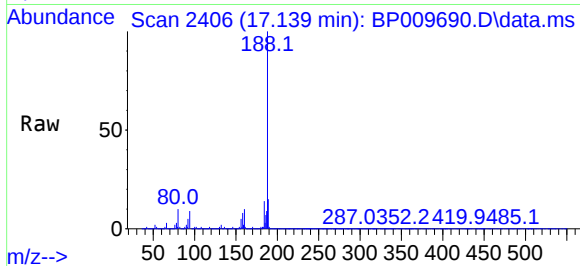




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

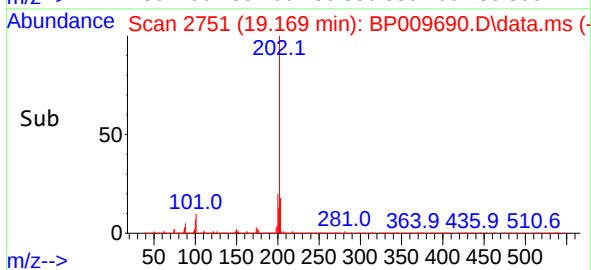
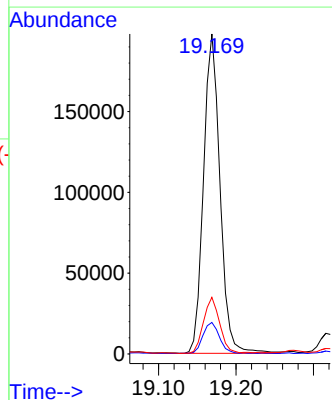
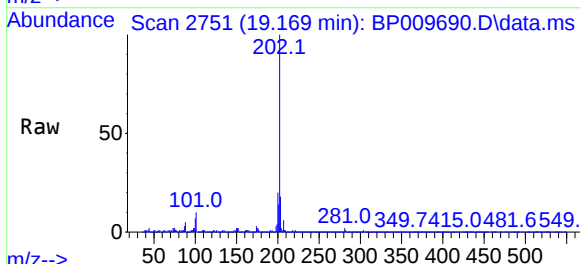
Instrument :
BNA_P
ClientSampleId :
CL-02-040122

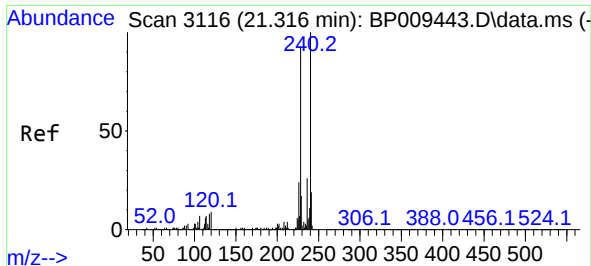
Tgt Ion:188 Resp: 1252618
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.9 8.8 13.2



#75
Fluoranthene
Concen: 3.607 ng
RT: 19.169 min Scan# 2751
Delta R.T. -0.012 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

Tgt Ion:202 Resp: 292808
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.5
203 17.7 0.0 37.8

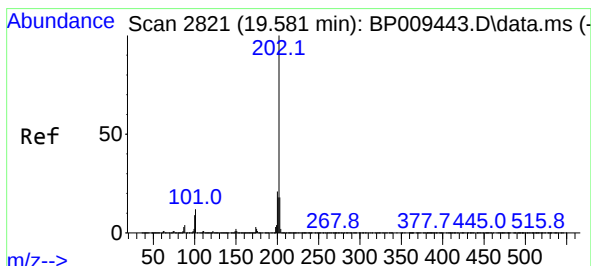
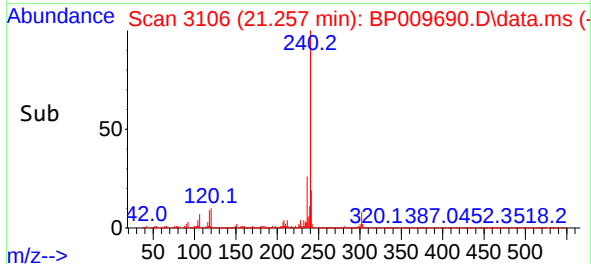
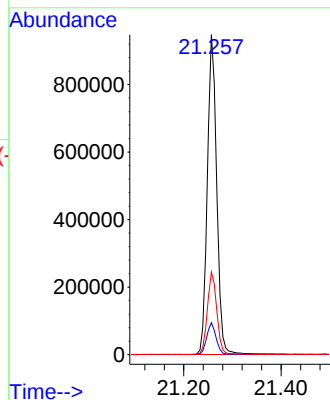
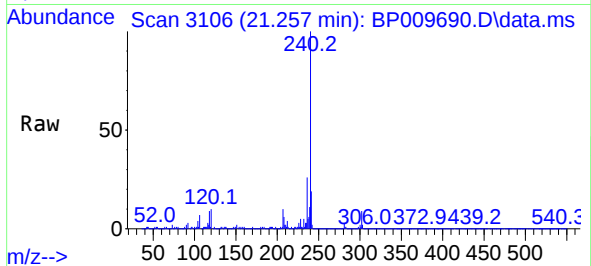




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

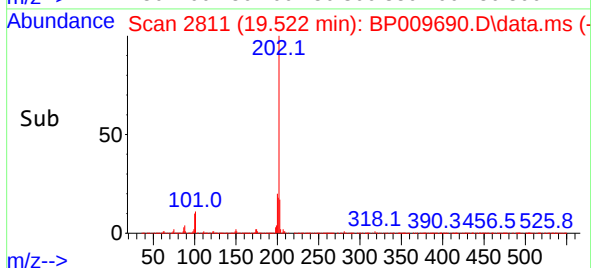
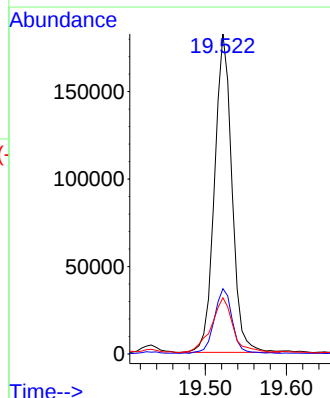
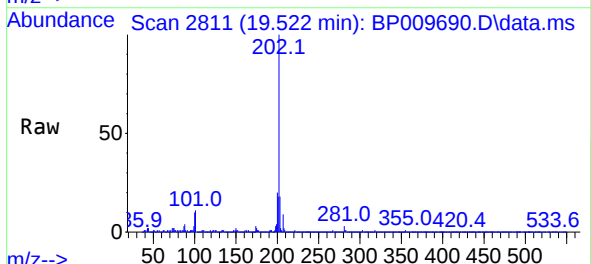
Instrument :
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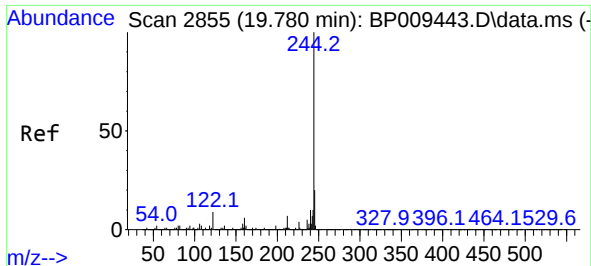
Tgt Ion:240 Resp: 1262247
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 25.9 20.6 30.8



#78
Pyrene
Concen: 3.262 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.018 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

Tgt Ion:202 Resp: 271286
Ion Ratio Lower Upper
202 100
200 20.4 16.8 25.2
203 17.5 14.2 21.4

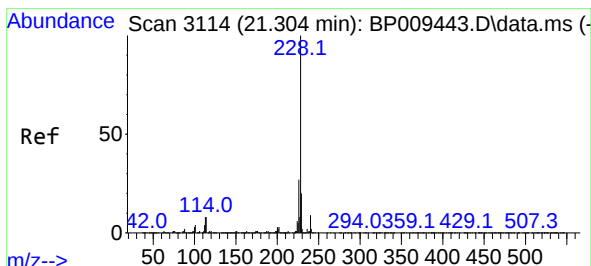
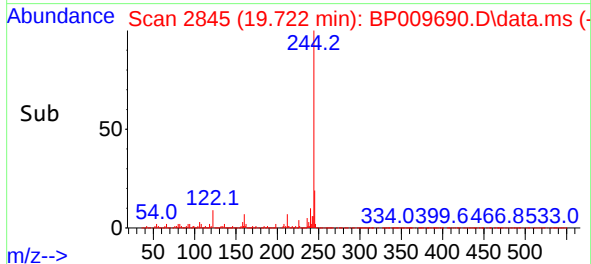
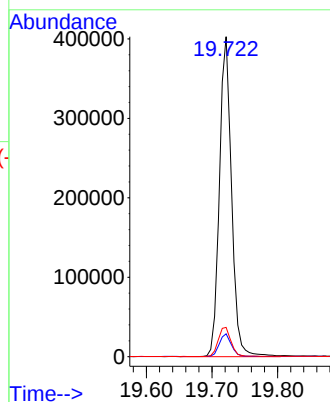
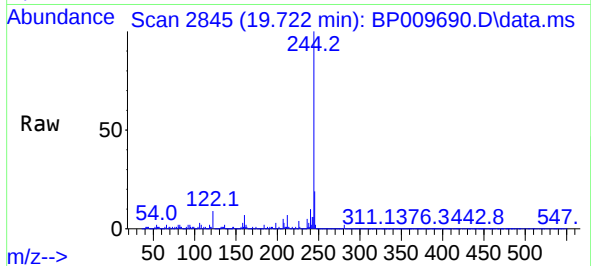




#79
 Terphenyl-d14
 Concen: 7.307 ng
 RT: 19.722 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP009690.D
 Acq: 04 Apr 2022 21:30

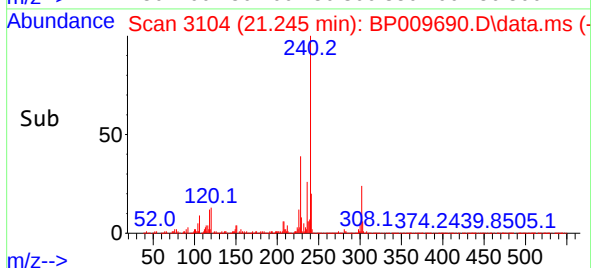
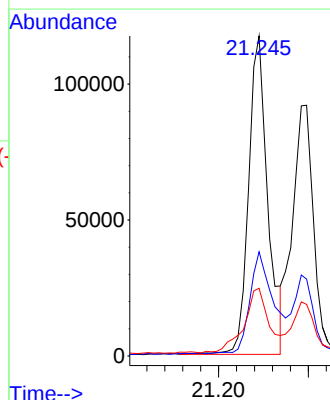
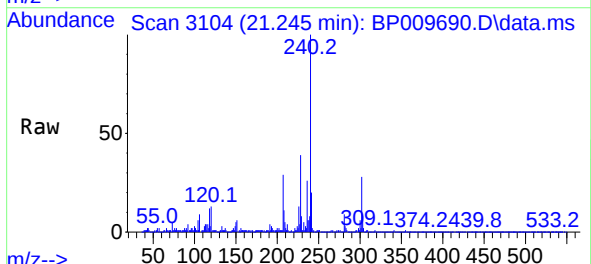
Instrument :
 BNA_P
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 CL-02-040122

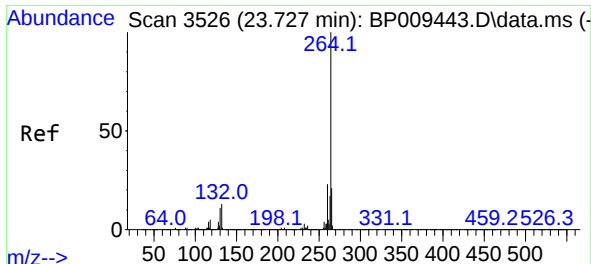
Tgt Ion:244 Resp: 513876
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.2 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 2.093 ng
 RT: 21.245 min Scan# 3104
 Delta R.T. -0.018 min
 Lab File: BP009690.D
 Acq: 04 Apr 2022 21:30

Tgt Ion:228 Resp: 173566
 Ion Ratio Lower Upper
 228 100
 226 32.6 22.0 33.0
 229 21.2 16.1 24.1



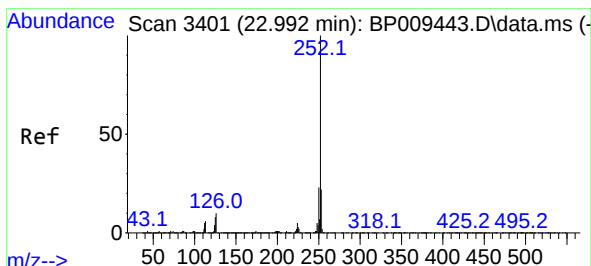
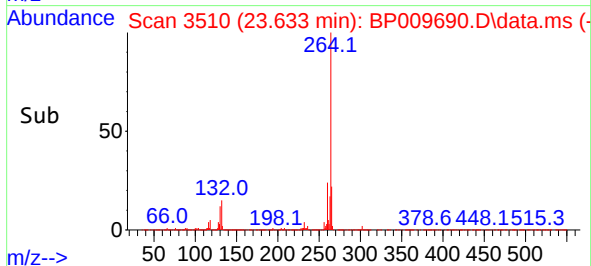
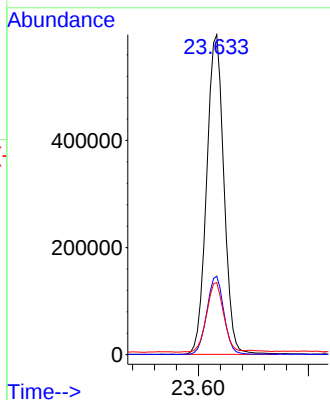
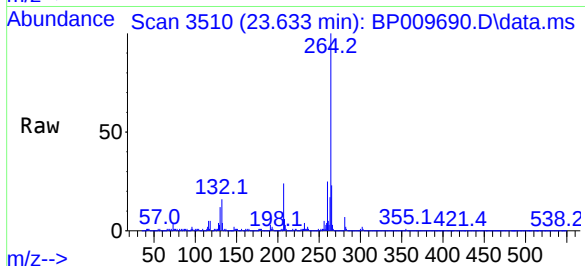


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

Instrument :
BNA_P
ClientSampleId :
CL-02-040122

Tgt Ion:264 Resp: 1303589

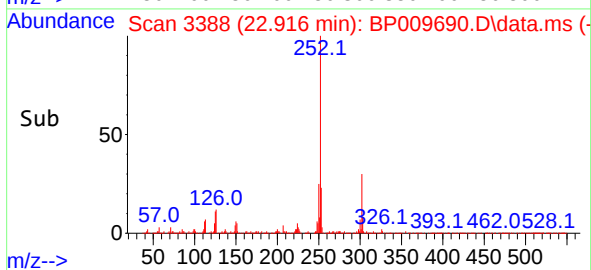
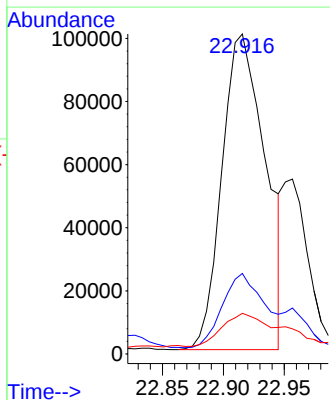
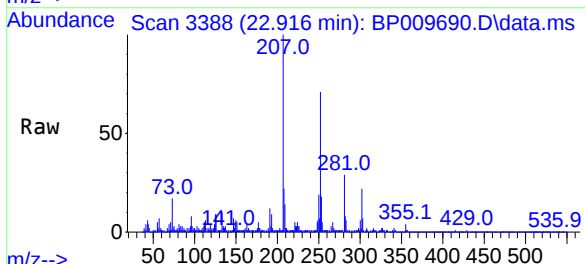
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.6	17.2	25.8

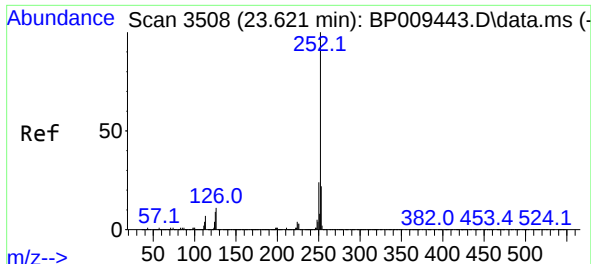


#88
Benzo(b)fluoranthene
Concen: 3.190 ng
RT: 22.916 min Scan# 3388
Delta R.T. -0.012 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

Tgt Ion:252 Resp: 248259

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	12.7	8.1	12.1

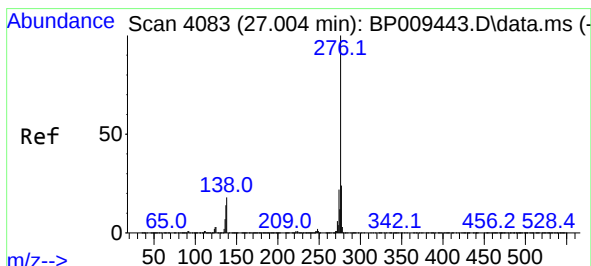
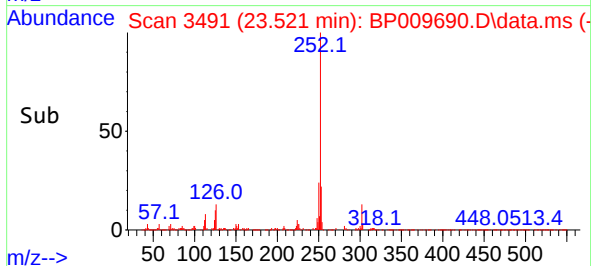
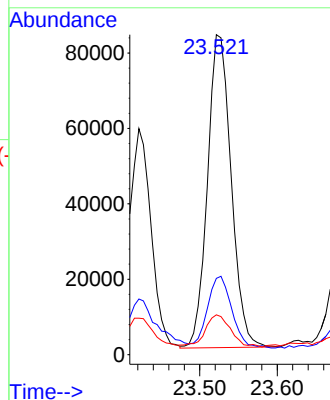
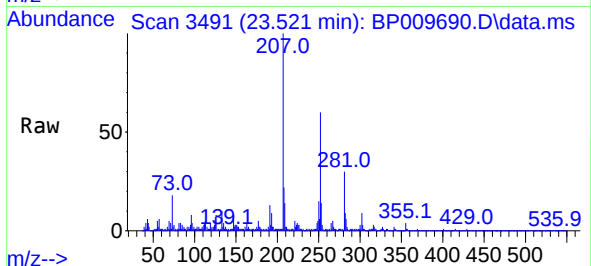




#90
Benzo(a)pyrene
Concen: 2.650 ng
RT: 23.521 min Scan# 34
Delta R.T. -0.029 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

Instrument :
BNA_P
ClientSampleId :
CL-02-040122

Tgt Ion:252 Resp: 176461
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 12.4 9.3 13.9



#92
Benzo(g,h,i)perylene
Concen: 2.029 ng
RT: 26.857 min Scan# 4058
Delta R.T. -0.041 min
Lab File: BP009690.D
Acq: 04 Apr 2022 21:30

Tgt Ion:276 Resp: 164494
Ion Ratio Lower Upper
276 100
277 25.4 19.2 28.8
138 21.1 18.0 27.0

