

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009517.D
 Acq On : 23 Mar 2022 21:26
 Operator : CG/JU
 Sample : N2031-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B3-031822-0-6

Quant Time: Mar 24 01:22:30 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 24 01:19:11 2022
 Response via : Initial Calibration

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

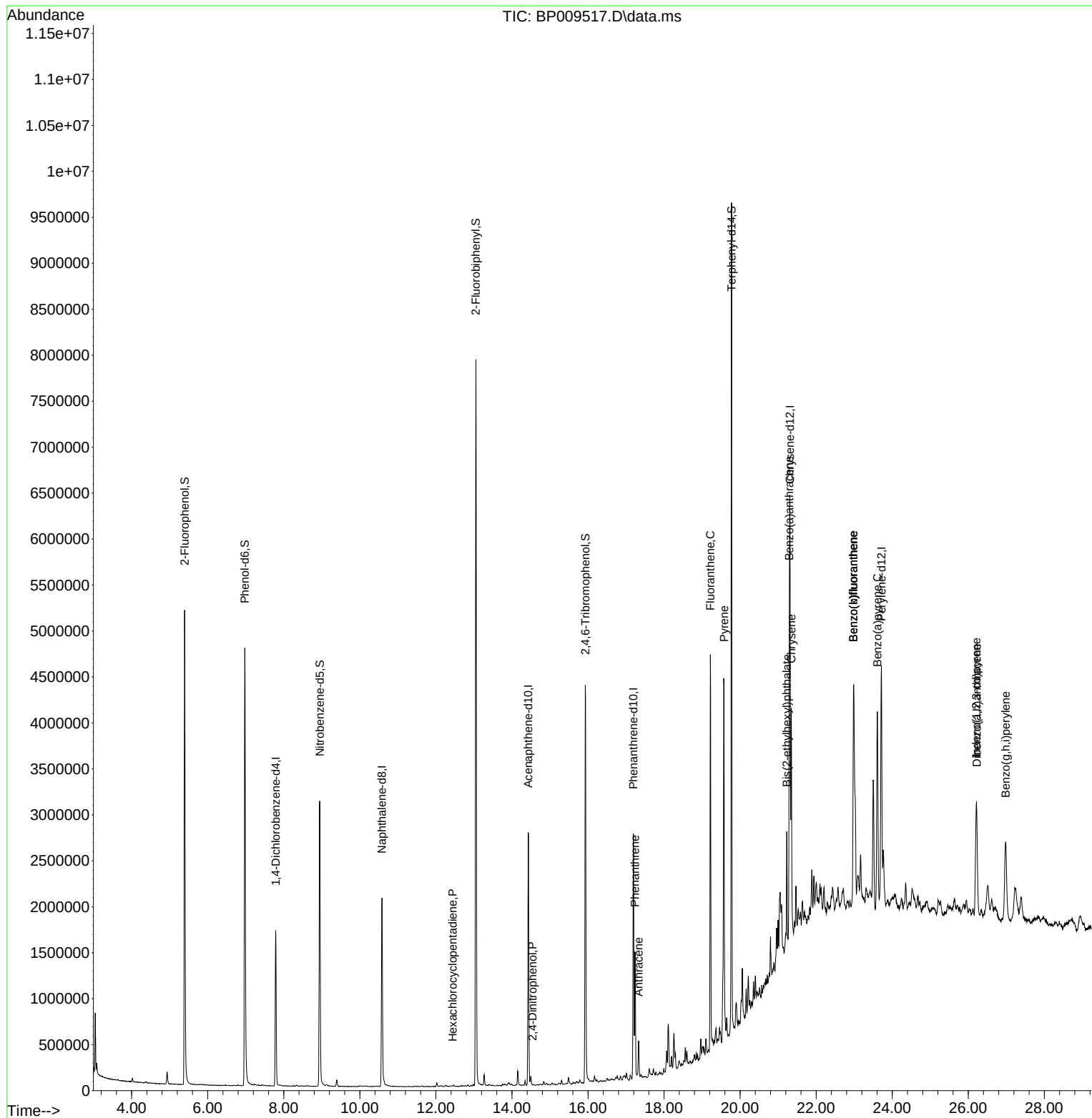
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	518621	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1985921	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	1067314	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1740273	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1789203	20.000	ng	0.00
86) Perylene-d12	23.716	264	2071691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2677863	90.150	ng	0.00
7) Phenol-d6	6.975	99	3326768	82.815	ng	0.00
23) Nitrobenzene-d5	8.946	82	2143016	57.344	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	1006818	57.165	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	4524993	58.773	ng	0.00
79) Terphenyl-d14	19.775	244	4590173	46.048	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.981	77	7394	Below Cal	#	13
41) Hexachlorocyclopentadiene	12.440	237	22	7.290	ng	82
54) 2,4-Dinitrophenol	14.540	184	75	4.539	ng	# 1
71) Phenanthrene	17.234	178	932517	10.010	ng	100
72) Anthracene	17.328	178	294259	3.199	ng	99
75) Fluoranthene	19.216	202	2647001	23.470	ng	99
78) Pyrene	19.575	202	2543056	21.569	ng	100
81) Benzo(a)anthracene	21.292	228	1615839	13.746	ng	97
83) Chrysene	21.345	228	1487631	13.365	ng	98
84) Bis(2-ethylhexyl)phtha...	21.227	149	473875	6.784	ng	100
87) Indeno(1,2,3-cd)pyrene	26.215	276	1261269	8.025	ng	# 93
88) Benzo(b)fluoranthene	22.980	252	3041545	24.593	ng	99
89) Benzo(k)fluoranthene	22.980	252	3041545	25.118	ng	98
90) Benzo(a)pyrene	23.610	252	1774065	16.766	ng	98
91) Dibenzo(a,h)anthracene	26.221	278	306435	2.339	ng	# 93
92) Benzo(g,h,i)perylene	26.980	276	1265749	9.822	ng	96

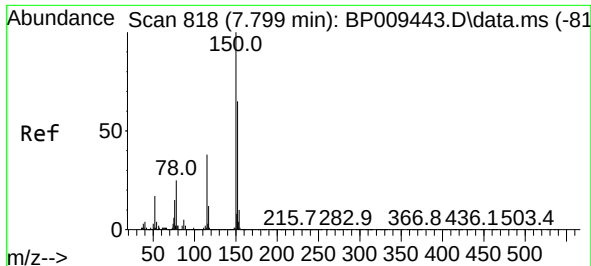
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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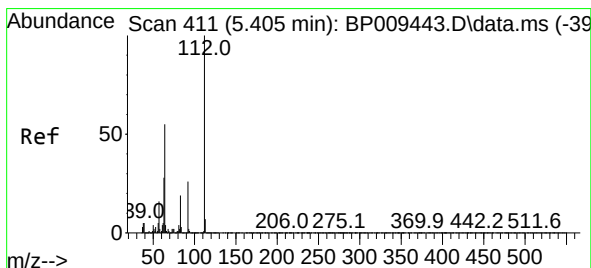
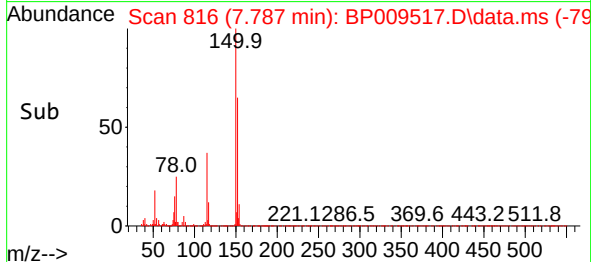
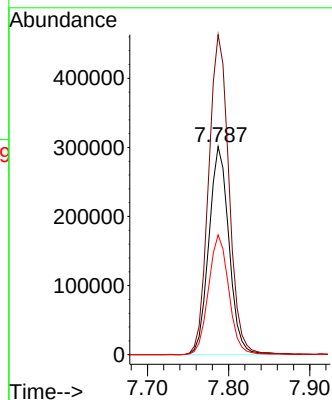
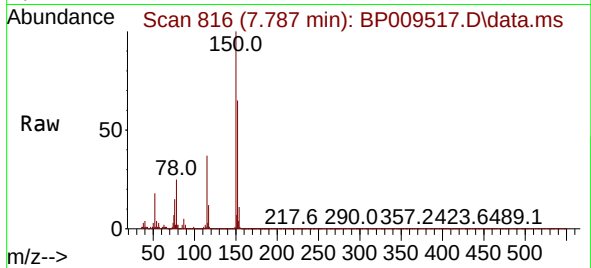




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

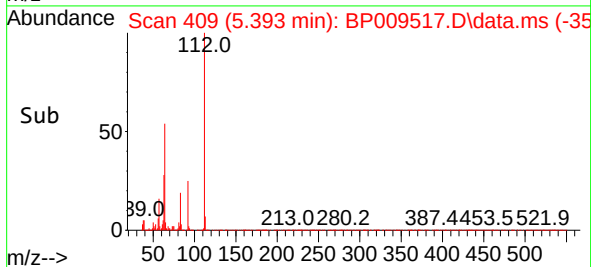
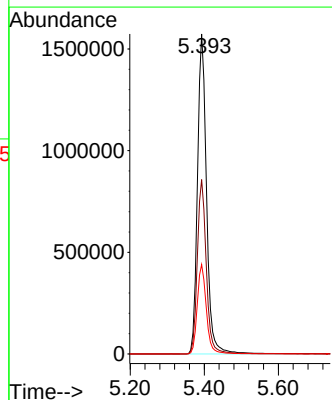
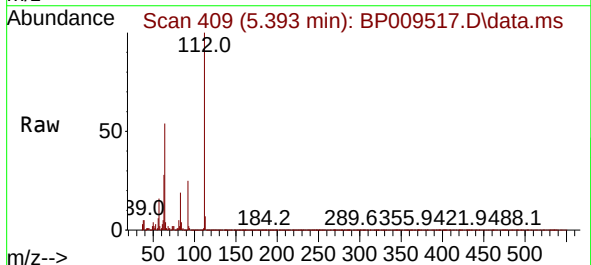
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

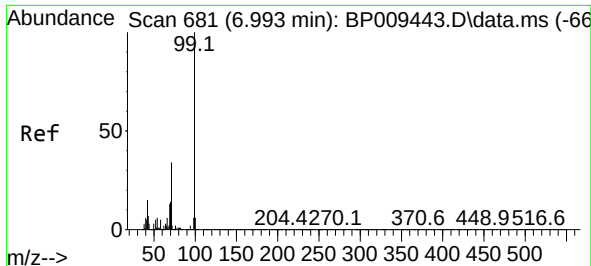
Tgt Ion:152 Resp: 518621
Ion Ratio Lower Upper
152 100
150 153.7 124.5 186.7
115 57.5 48.2 72.4



#5
2-Fluorophenol
Concen: 90.150 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Tgt Ion:112 Resp: 2677863
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 28.0 23.0 34.6

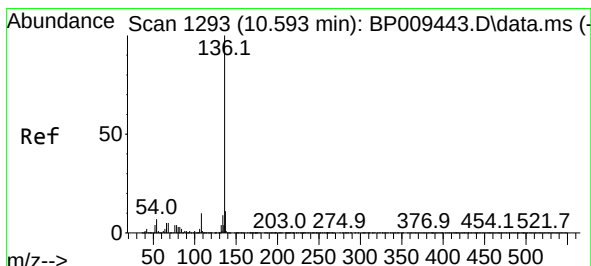
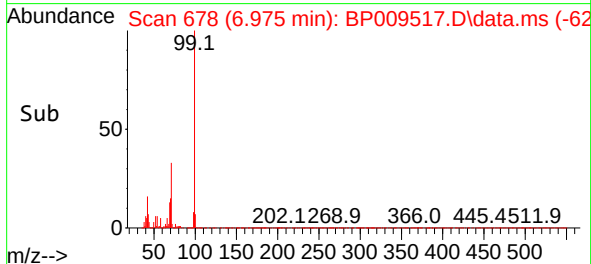
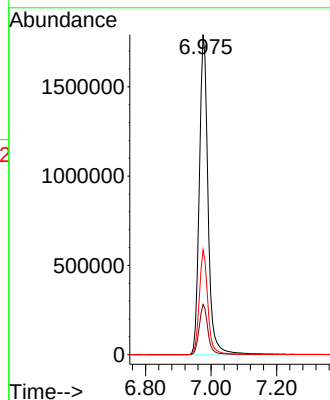
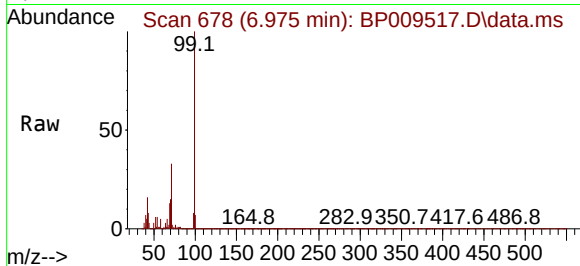




#7
Phenol-d6
Concen: 82.815 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

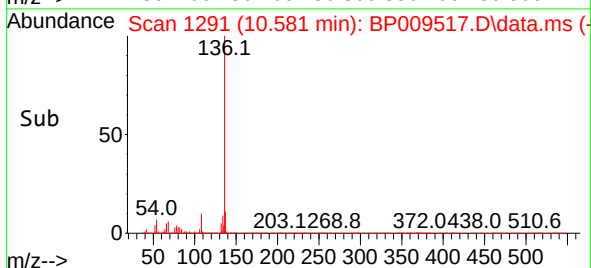
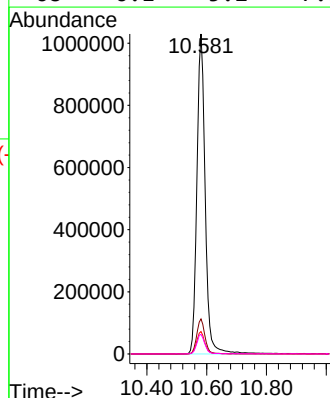
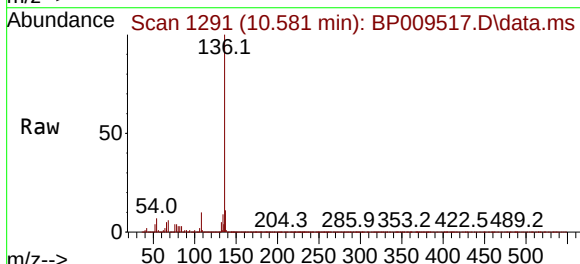
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

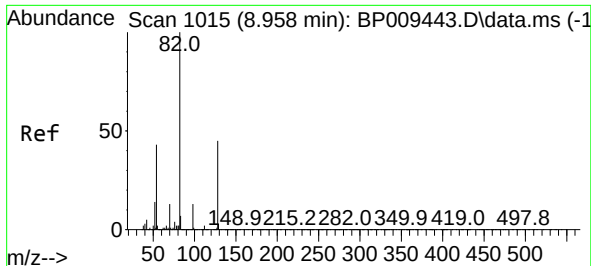
Tgt Ion: 99 Resp: 3326768
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Tgt Ion:136 Resp: 1985921
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.0 5.8 8.8
68 6.1 5.2 7.8

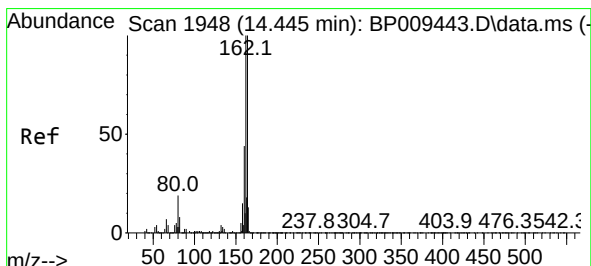
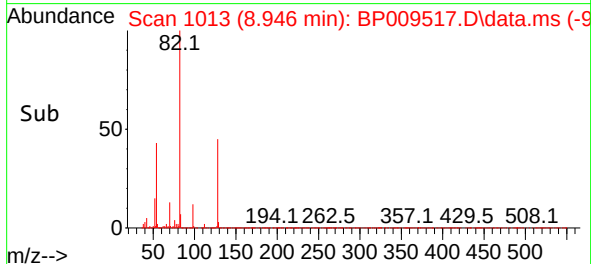
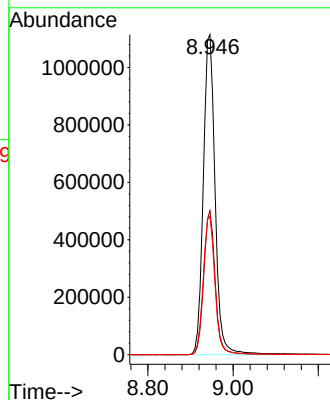
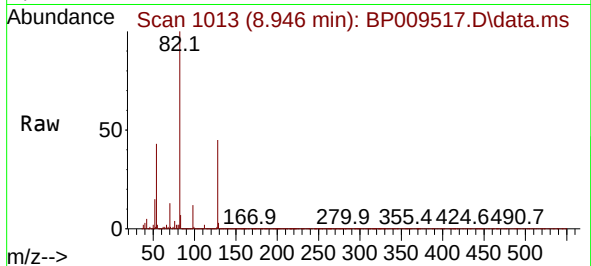




#23
Nitrobenzene-d5
Concen: 57.344 ng
RT: 8.946 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

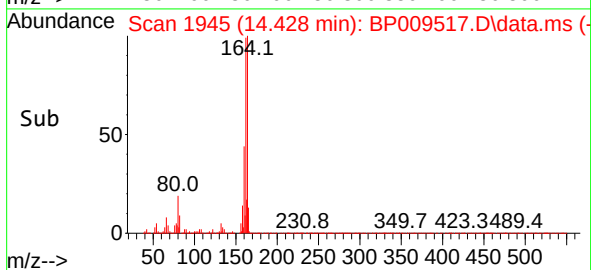
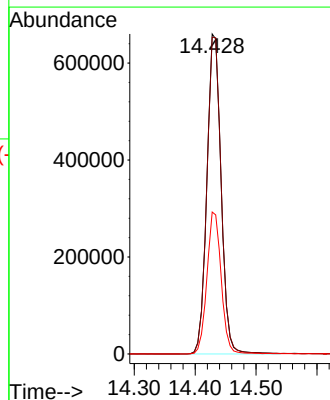
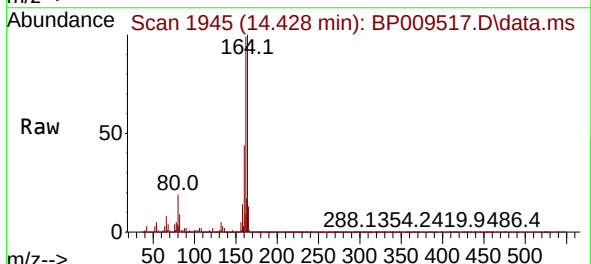
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

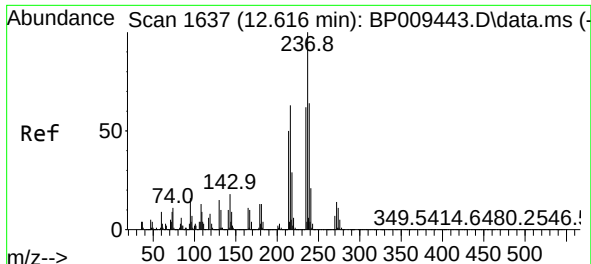
Tgt Ion: 82 Resp: 2143016
Ion Ratio Lower Upper
82 100
128 45.0 34.2 51.4
54 43.3 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Tgt Ion: 164 Resp: 1067314
Ion Ratio Lower Upper
164 100
162 99.0 79.1 118.7
160 44.4 34.9 52.3

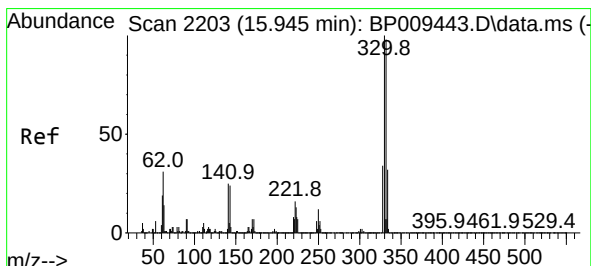
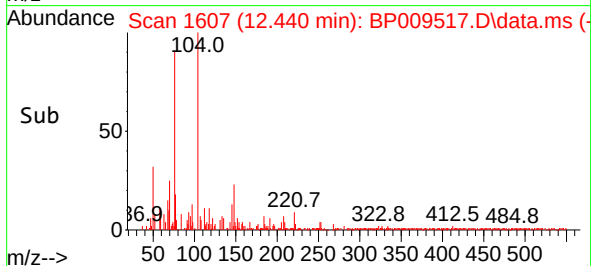
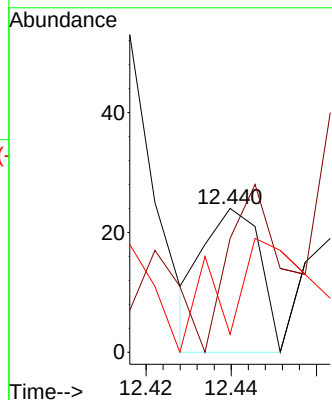
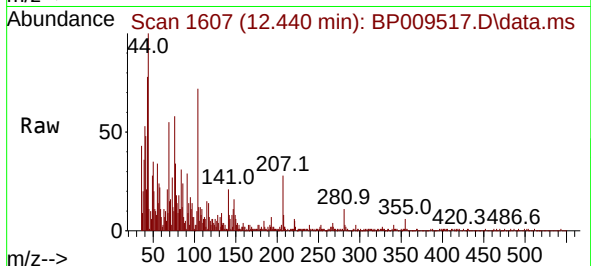




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.440 min Scan# 1
Delta R.T. -0.164 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

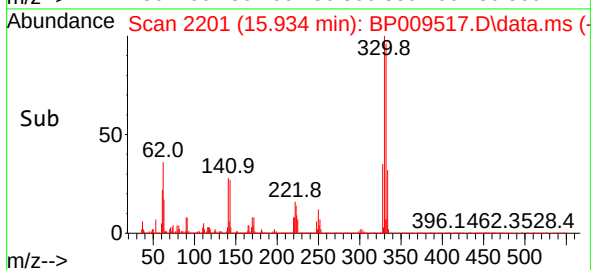
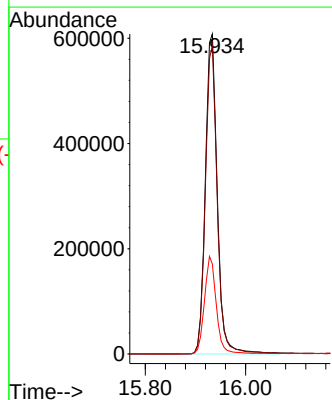
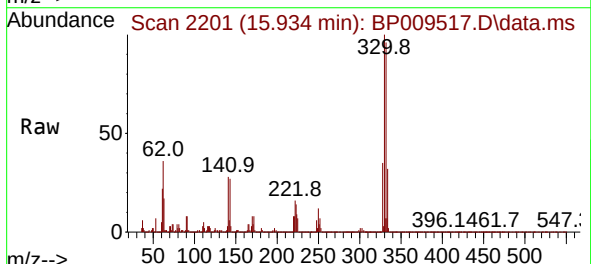
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

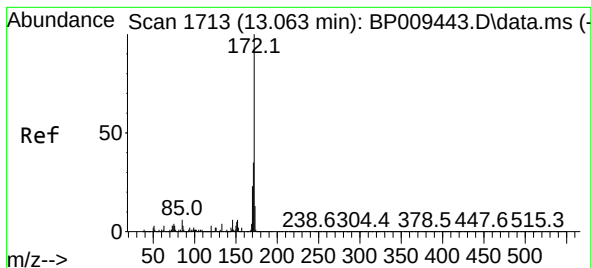
Tgt Ion:237	Resp:	22
Ion Ratio	Lower	Upper
237	100	
235	79.2	42.6 82.6
272	12.5	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 57.165 ng
RT: 15.934 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Tgt Ion:330	Resp:	1006818
Ion Ratio	Lower	Upper
330	100	
332	95.6	77.0 115.6
141	30.2	27.6 41.4





#45

2-Fluorobiphenyl

Concen: 58.773 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BP009517.D

Acq: 23 Mar 2022 21:26

Instrument :

BNA_P

ClientSampleId :

CMP-B3-031822-0-6

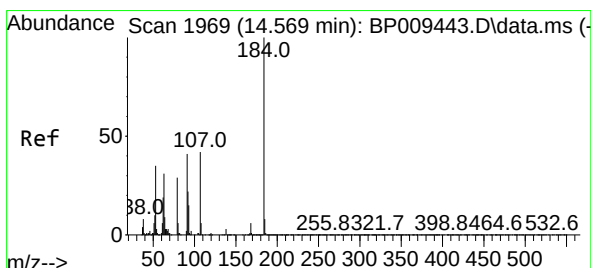
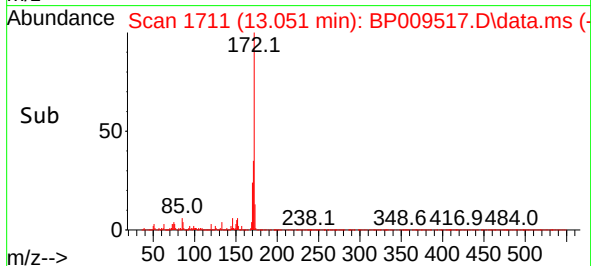
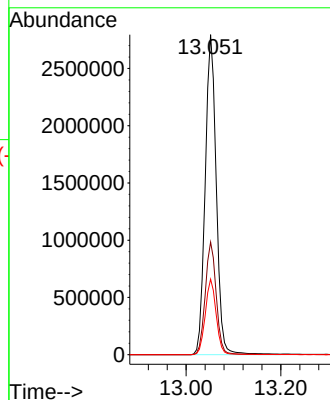
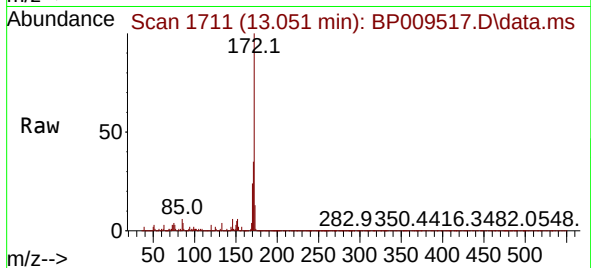
Tgt Ion:172 Resp: 4524993

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.6 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.539 ng

RT: 14.540 min Scan# 1964

Delta R.T. -0.023 min

Lab File: BP009517.D

Acq: 23 Mar 2022 21:26

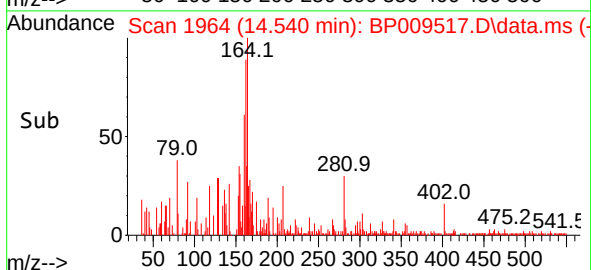
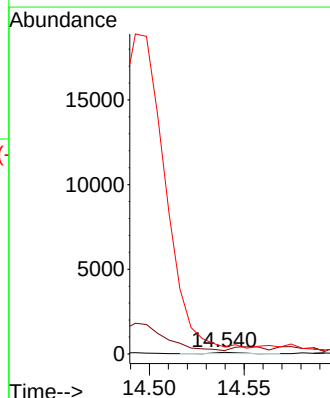
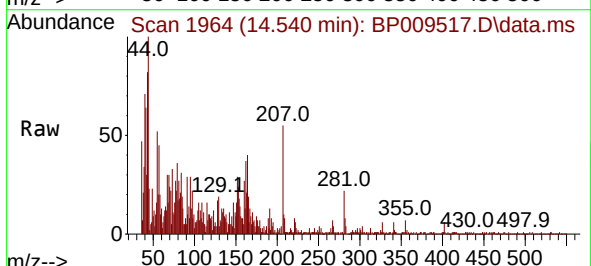
Tgt Ion:184 Resp: 75

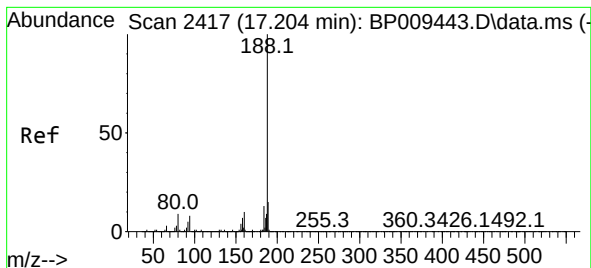
Ion Ratio Lower Upper

184 100

63 193.3 46.3 69.5#

154 392.4 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP009517.D

Acq: 23 Mar 2022 21:26

Instrument :

BNA_P

ClientSampleId :

CMP-B3-031822-0-6

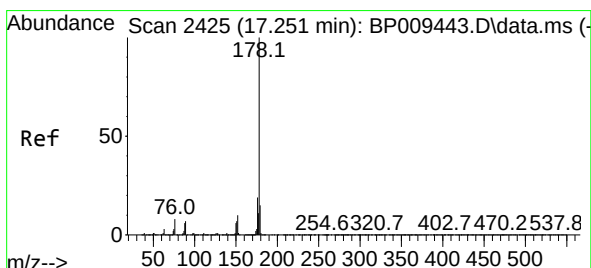
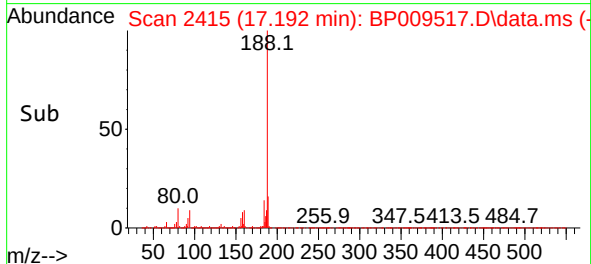
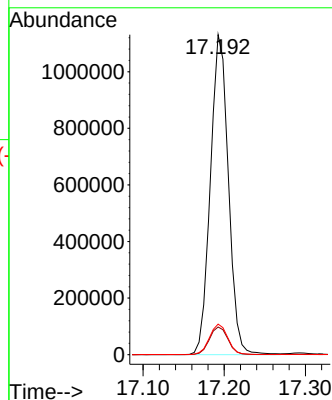
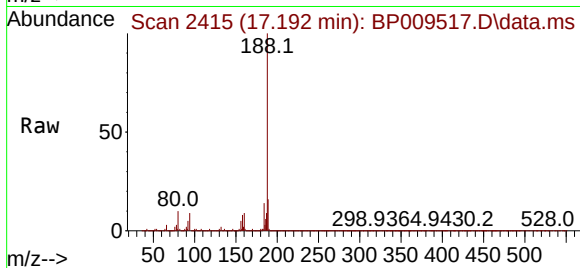
Tgt Ion:188 Resp: 1740273

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 9.5 8.8 13.2



#71

Phenanthrene

Concen: 10.010 ng

RT: 17.234 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP009517.D

Acq: 23 Mar 2022 21:26

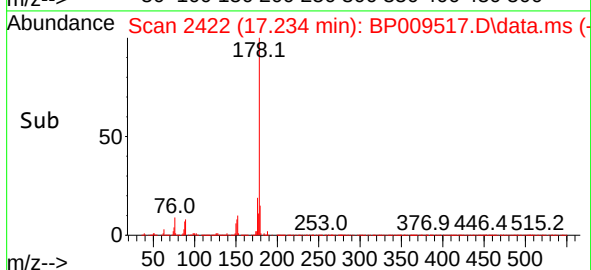
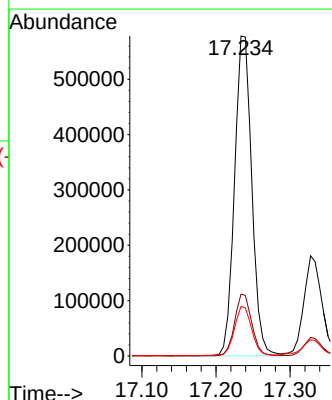
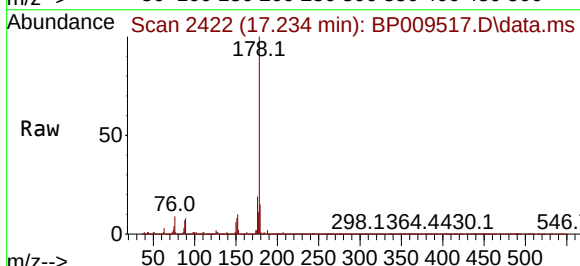
Tgt Ion:178 Resp: 932517

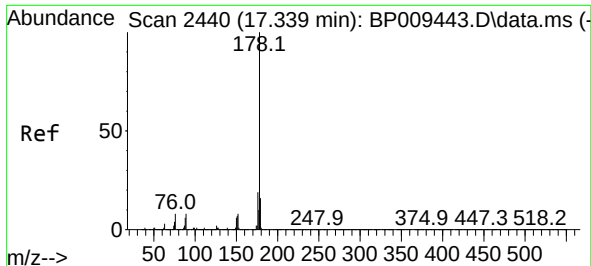
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.4 12.3 18.5

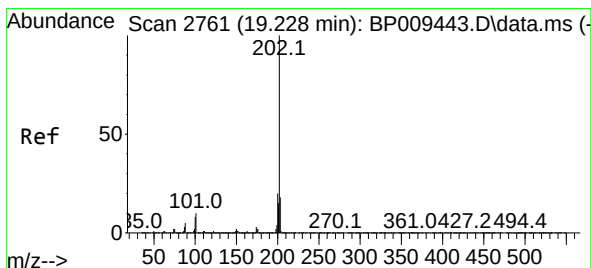
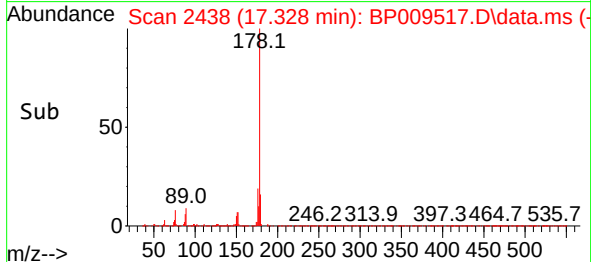
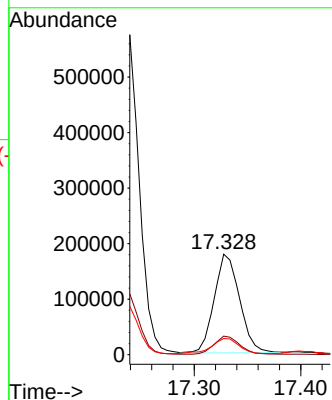
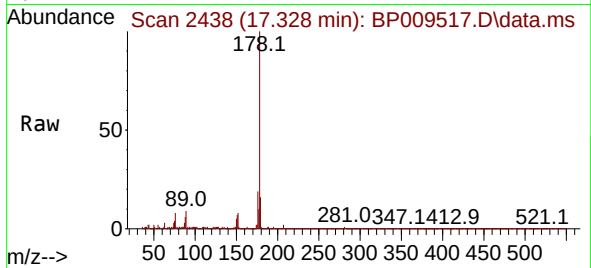




#72
 Anthracene
 Concen: 3.199 ng
 RT: 17.328 min Scan# 2440
 Delta R.T. -0.006 min
 Lab File: BP009517.D
 Acq: 23 Mar 2022 21:26

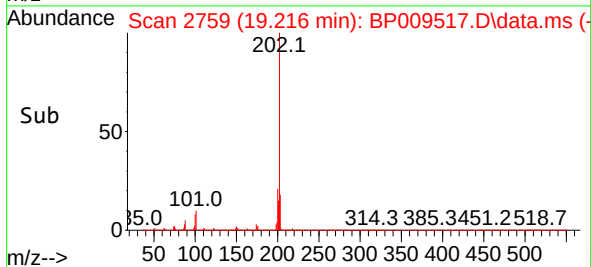
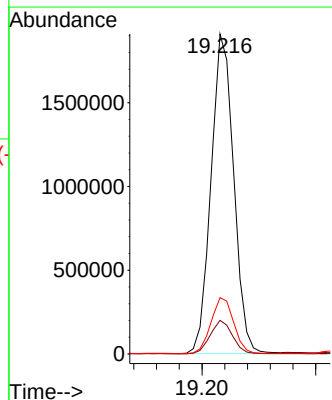
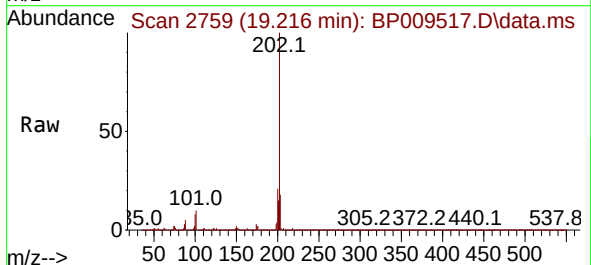
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 CMP-B3-031822-0-6

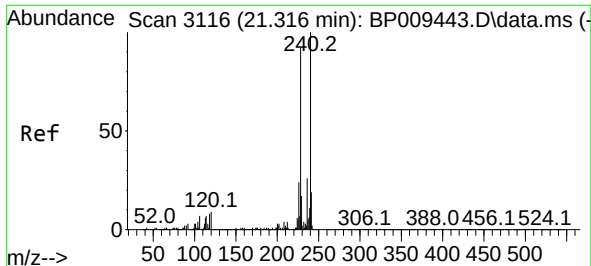
Tgt Ion:178 Resp: 294259
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 16.1 12.2 18.4



#75
 Fluoranthene
 Concen: 23.470 ng
 RT: 19.216 min Scan# 2759
 Delta R.T. -0.006 min
 Lab File: BP009517.D
 Acq: 23 Mar 2022 21:26

Tgt Ion:202 Resp: 2647001
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 31.5
 203 17.6 0.0 37.8

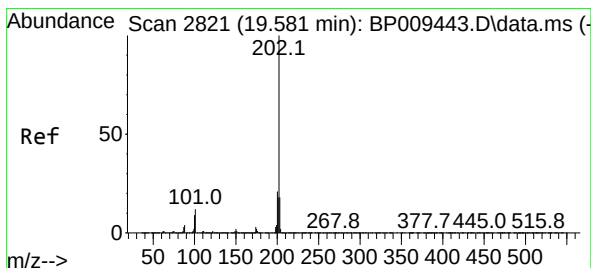
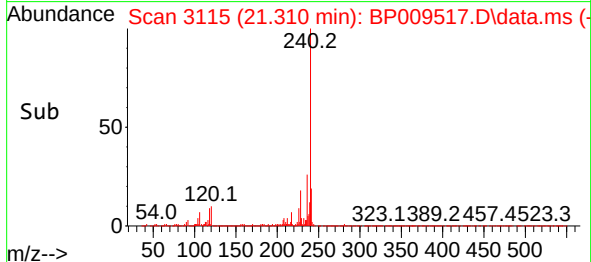
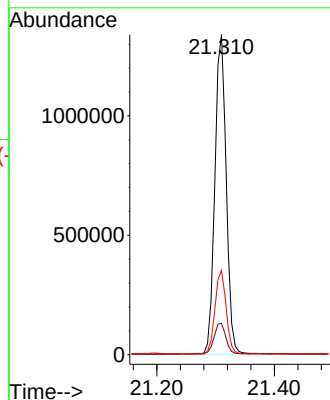
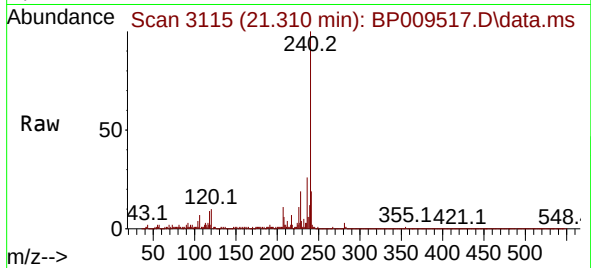




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

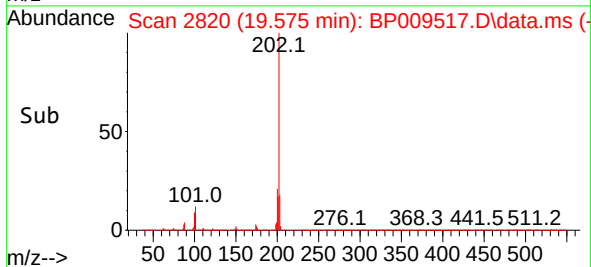
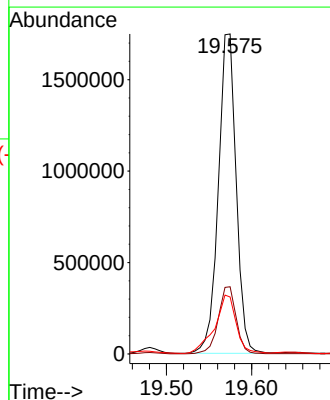
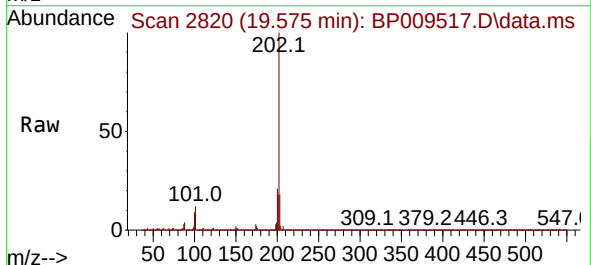
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

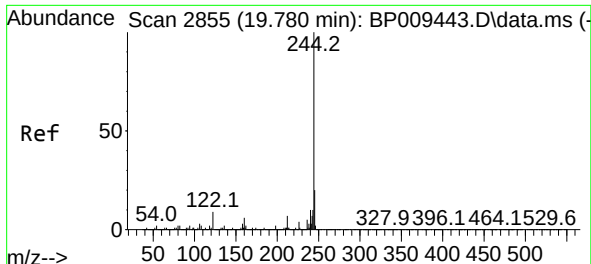
Tgt Ion:240 Resp: 1789203
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.4 20.6 30.8



#78
Pyrene
Concen: 21.569 ng
RT: 19.575 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Tgt Ion:202 Resp: 2543056
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.8 14.2 21.4

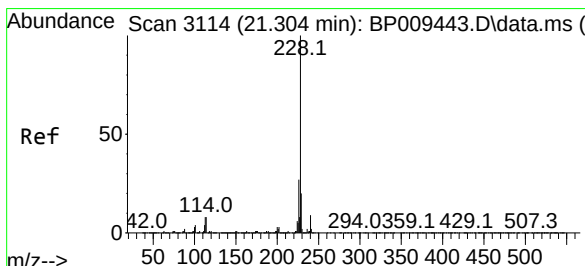
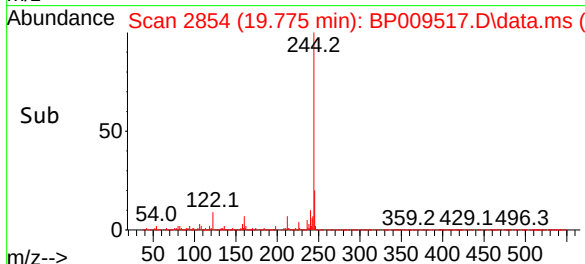
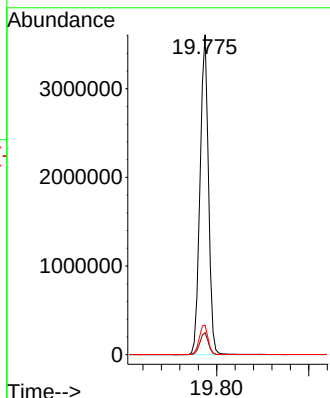
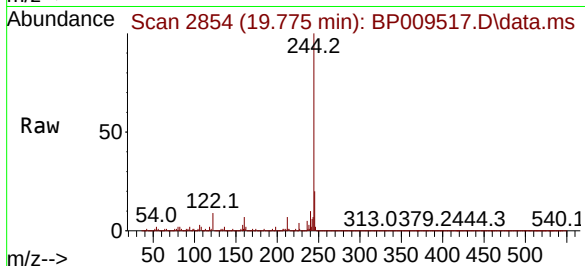




#79
 Terphenyl-d14
 Concen: 46.048 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009517.D
 Acq: 23 Mar 2022 21:26

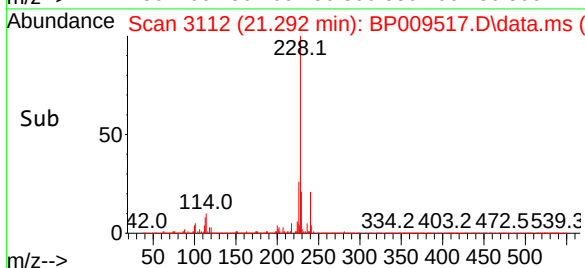
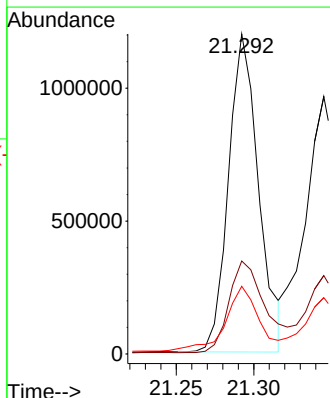
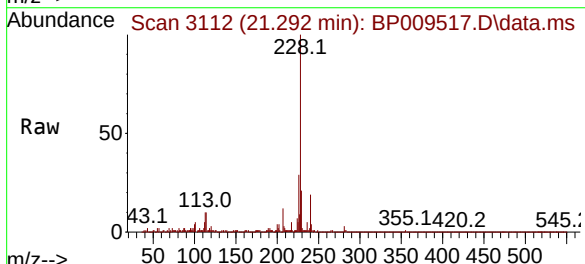
Instrument :
 BNA_P
 ClientSampleId :
 CMP-B3-031822-0-6

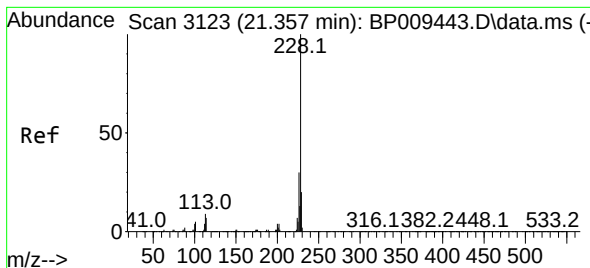
Tgt Ion:244 Resp: 4590173
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 9.3 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 13.746 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BP009517.D
 Acq: 23 Mar 2022 21:26

Tgt Ion:228 Resp: 1615839
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.0 33.0
 229 21.2 16.1 24.1





#83

Chrysene

Concen: 13.365 ng

RT: 21.345 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009517.D

Acq: 23 Mar 2022 21:26

Instrument :

BNA_P

ClientSampleId :

CMP-B3-031822-0-6

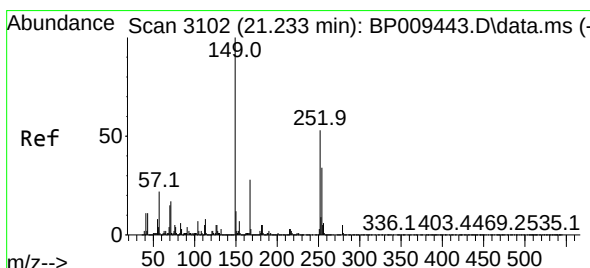
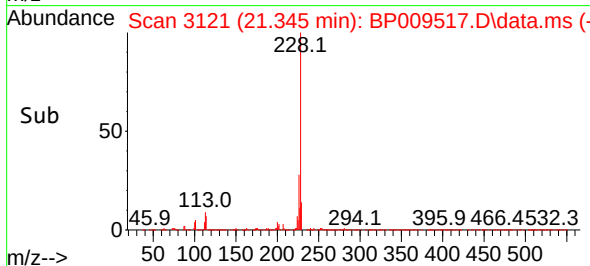
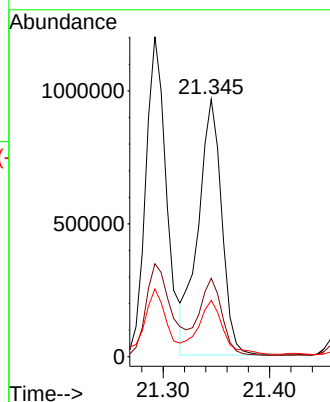
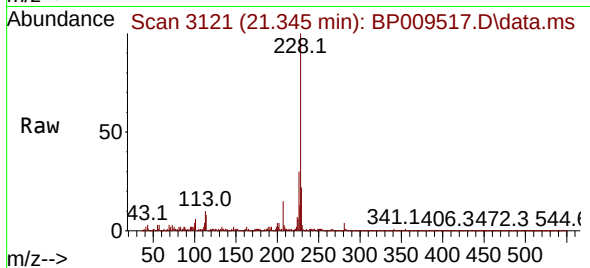
Tgt Ion:228 Resp: 1487631

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 21.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.784 ng

RT: 21.227 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP009517.D

Acq: 23 Mar 2022 21:26

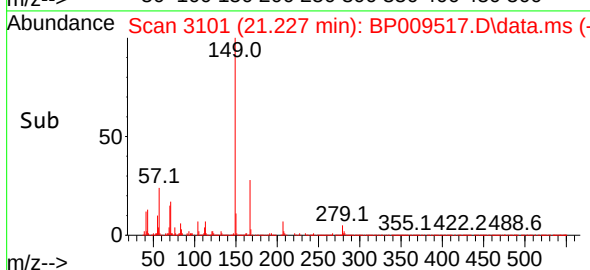
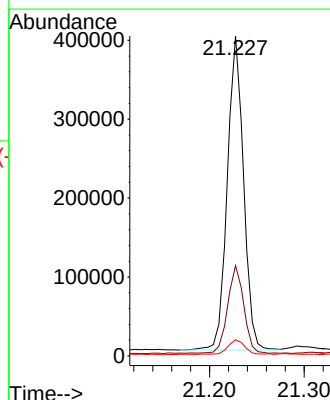
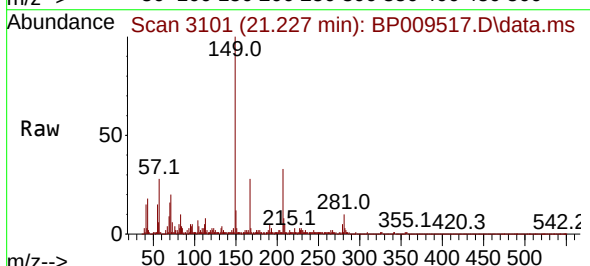
Tgt Ion:149 Resp: 473875

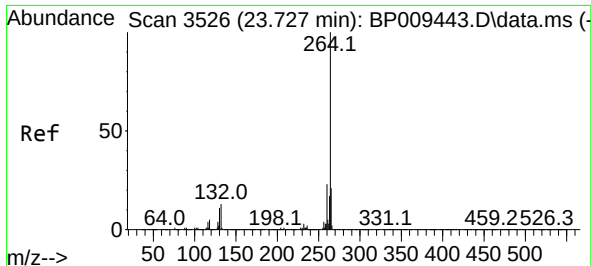
Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

279 5.1 3.8 5.6



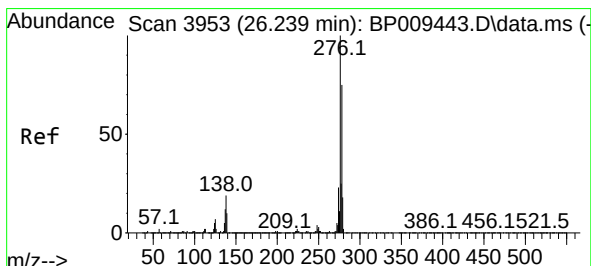
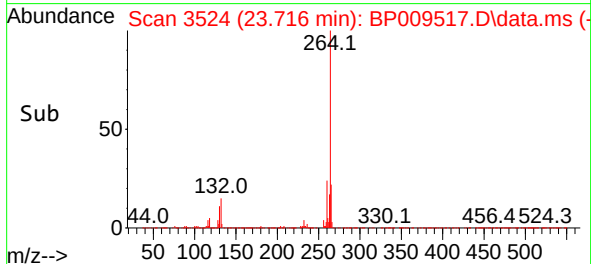
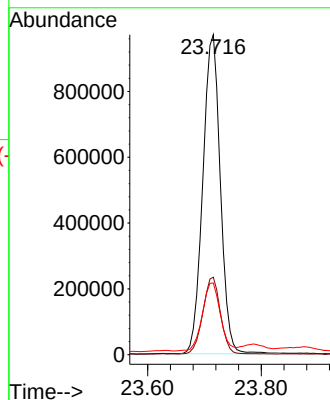
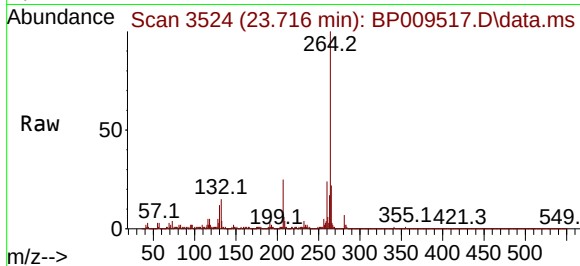


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.716 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

Tgt Ion:264 Resp: 2071691

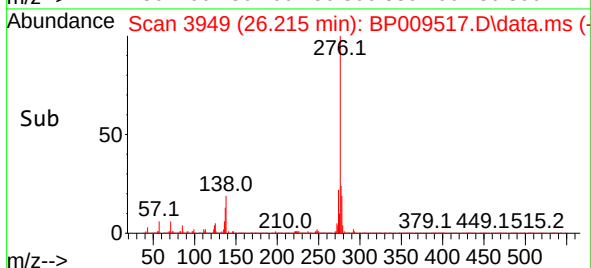
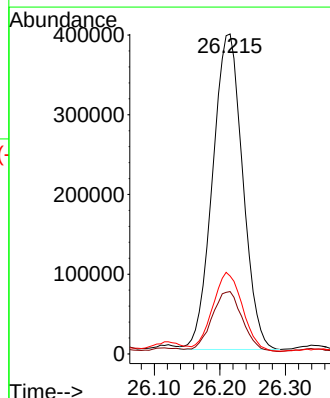
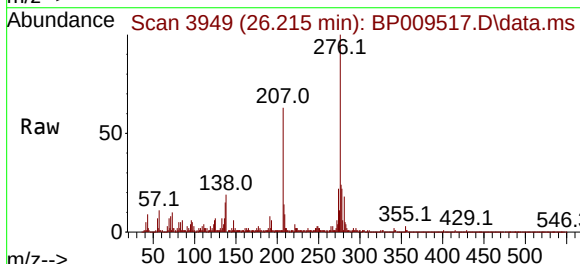
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.4	17.2	25.8

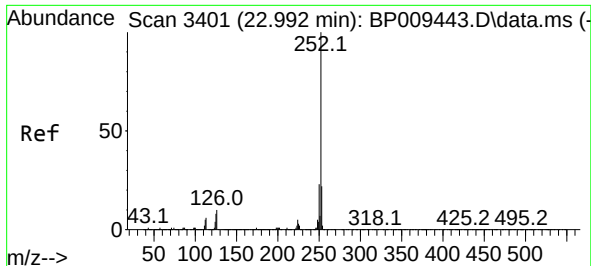


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.025 ng
RT: 26.215 min Scan# 3949
Delta R.T. -0.011 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Tgt Ion:276 Resp: 1261269

Ion	Ratio	Lower	Upper
276	100		
138	19.5	20.5	30.7#
277	24.8	20.4	30.6

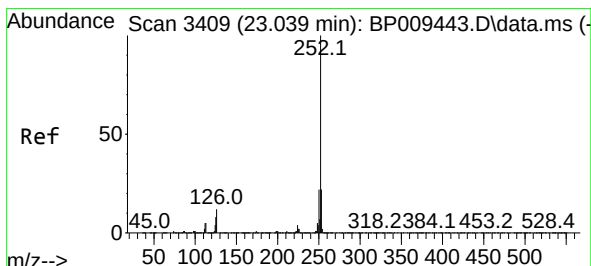
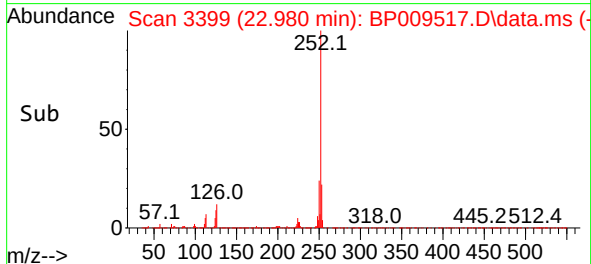
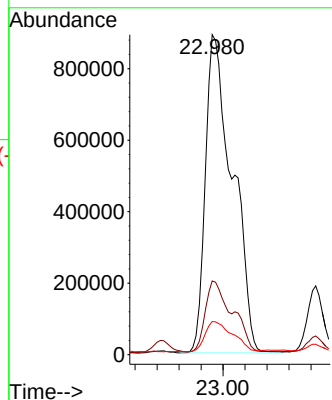
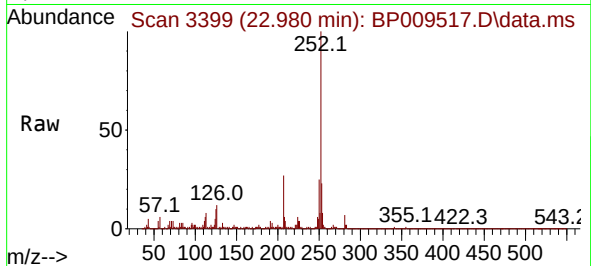




#88
Benzo(b)fluoranthene
Concen: 24.593 ng
RT: 22.980 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

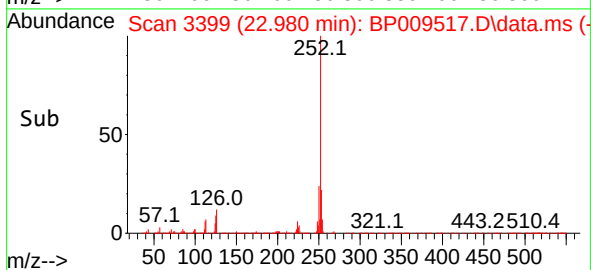
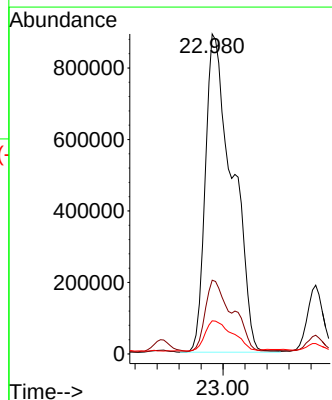
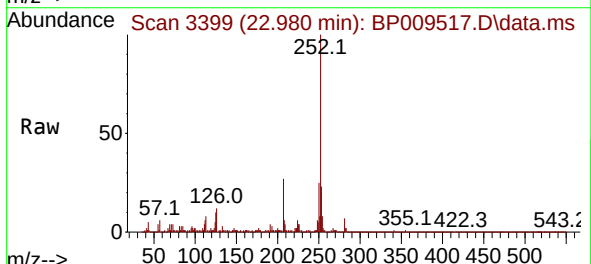
Instrument :
BNA_P
ClientSampleId :
CMP-B3-031822-0-6

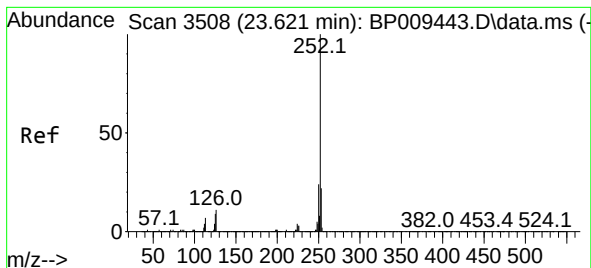
Tgt Ion:252 Resp: 3041545
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.4 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 25.118 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.059 min
Lab File: BP009517.D
Acq: 23 Mar 2022 21:26

Tgt Ion:252 Resp: 3041545
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.4 8.3 12.5





#90

Benzo(a)pyrene

Concen: 16.766 ng

RT: 23.610 min Scan# 3508

Delta R.T. 0.000 min

Lab File: BP009517.D

Acq: 23 Mar 2022 21:26

Instrument :

BNA_P

ClientSampleId :

CMP-B3-031822-0-6

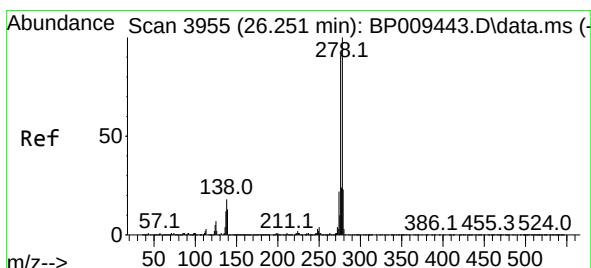
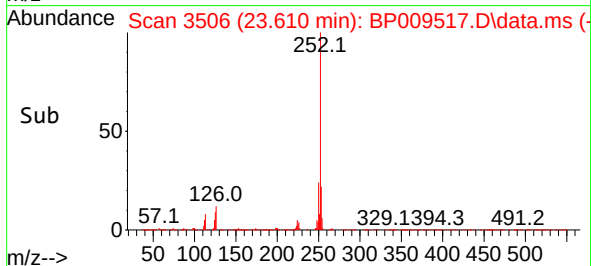
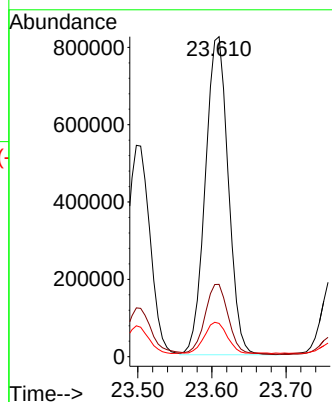
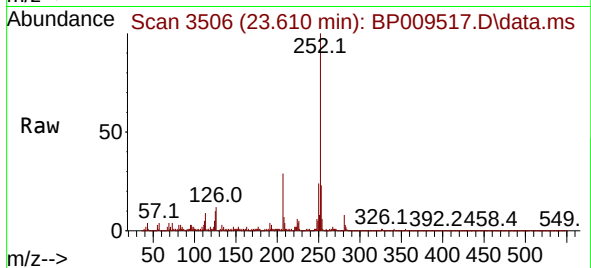
Tgt Ion:252 Resp: 1774065

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 10.4 9.3 13.9



#91

Dibenzo(a,h)anthracene

Concen: 2.339 ng

RT: 26.221 min Scan# 3950

Delta R.T. -0.023 min

Lab File: BP009517.D

Acq: 23 Mar 2022 21:26

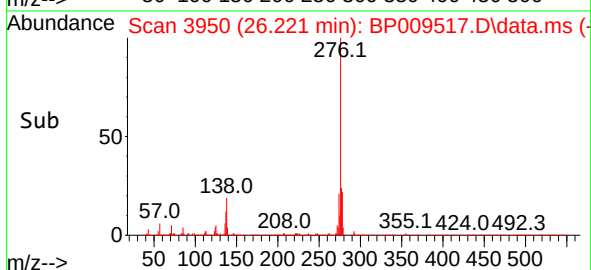
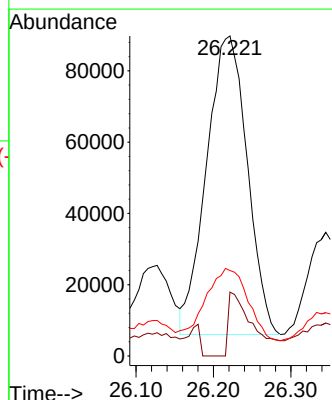
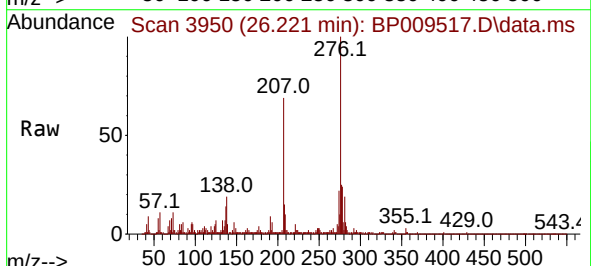
Tgt Ion:278 Resp: 306435

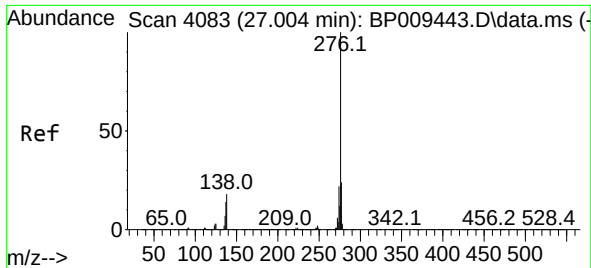
Ion Ratio Lower Upper

278 100

139 20.0 13.2 19.8#

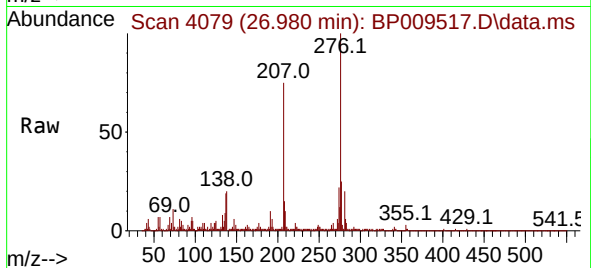
279 26.7 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 9.822 ng
 RT: 26.980 min Scan# 4083
 Delta R.T. -0.006 min
 Lab File: BP009517.D
 Acq: 23 Mar 2022 21:26

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B3-031822-0-6



Tgt Ion: 276 Resp: 1265749

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.2	28.8
138	20.0	18.0	27.0

