

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014118.D
 Acq On : 17 Mar 2023 13:20
 Operator : CG/JU
 Sample : 01924-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB21136

Quant Time: Mar 18 00:23:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 00:19:43 2023
 Response via : Initial Calibration

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

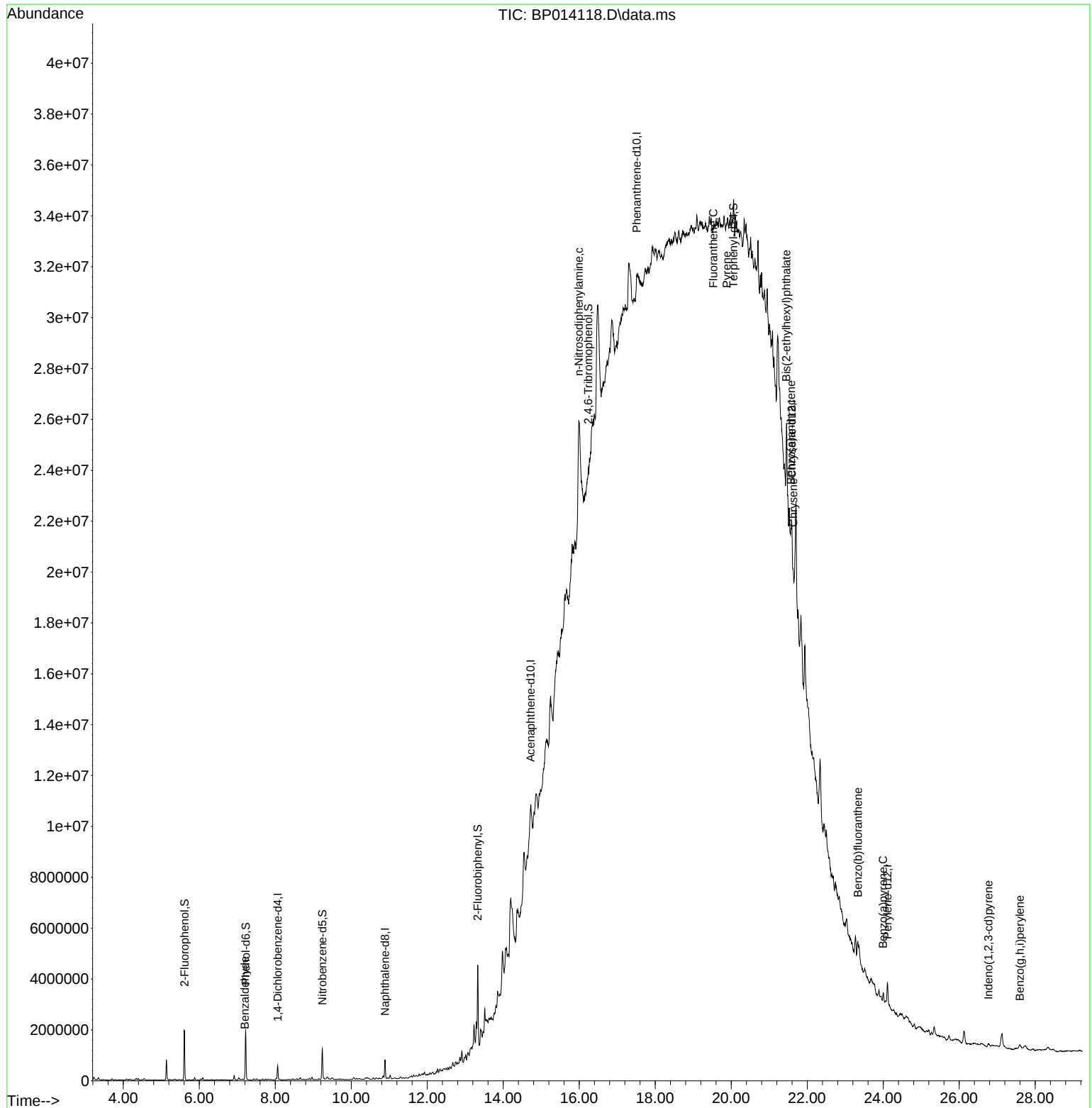
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	133352	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	541612	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	332074	20.000	ng	# 0.01
64) Phenanthrene-d10	17.516	188	489603	20.000	ng	# 0.05
76) Chrysene-d12	21.592	240	720024	20.000	ng	# 0.04
86) Perylene-d12	24.110	264	744374	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	807138	98.159	ng	0.00
7) Phenol-d6	7.222	99	1071960	99.294	ng	0.00
23) Nitrobenzene-d5	9.240	82	691426	58.348	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	506160	94.010	ng	0.04
45) 2-Fluorobiphenyl	13.328	172	1570387	61.268	ng	0.00
79) Terphenyl-d14	20.057	244	1768290	40.496	ng	0.05
Target Compounds						
						Qvalue
9) Benzaldehyde	7.199	77	19979	3.698	ng	98
66) n-Nitrosodiphenylamine	15.986	169	417031	26.955	ng	# 76
75) Fluoranthene	19.527	202	156707	4.793	ng	# 1
78) Pyrene	19.886	202	161395	2.920	ng	# 1
81) Benzo(a)anthracene	21.574	228	129918	2.459	ng	# 54
83) Chrysene	21.633	228	182596	3.650	ng	# 60
84) Bis(2-ethylhexyl)phtha...	21.451	149	444978	14.477	ng	# 80
87) Indeno(1,2,3-cd)pyrene	26.768	276	147765	2.569	ng	99
88) Benzo(b)fluoranthene	23.333	252	266423	5.466	ng	# 63
90) Benzo(a)pyrene	23.998	252	153228	3.296	ng	# 69
92) Benzo(g,h,i)perylene	27.598	276	210184	4.436	ng	94

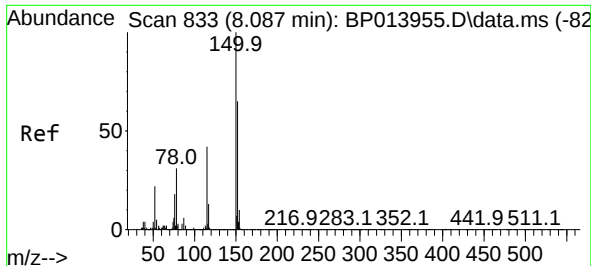
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
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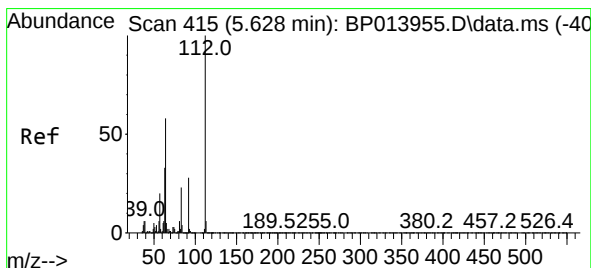
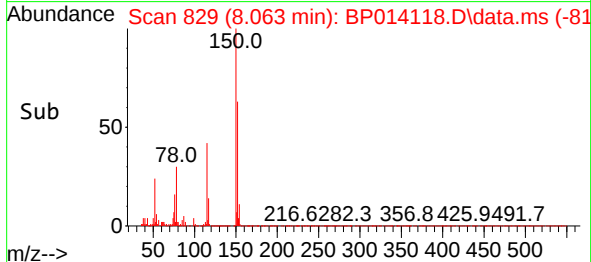
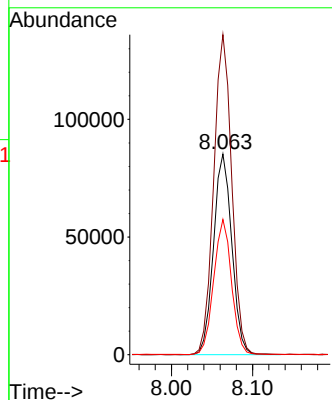
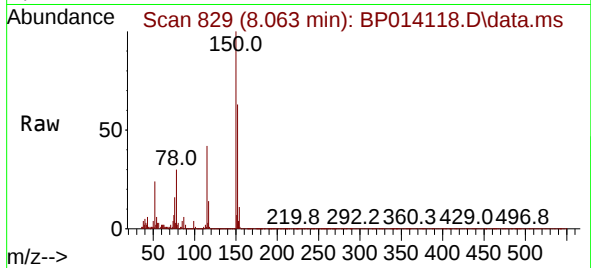




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

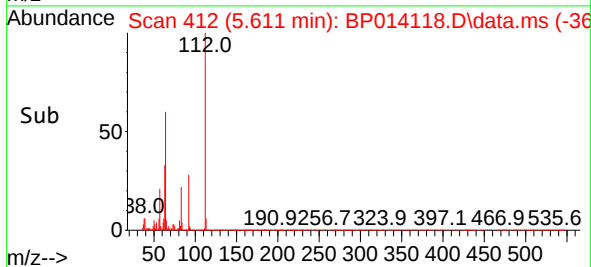
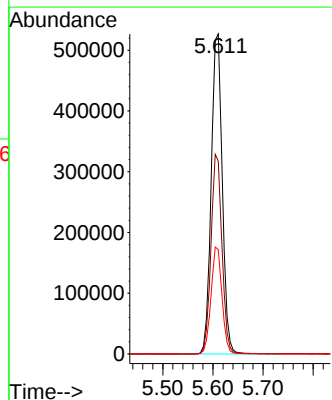
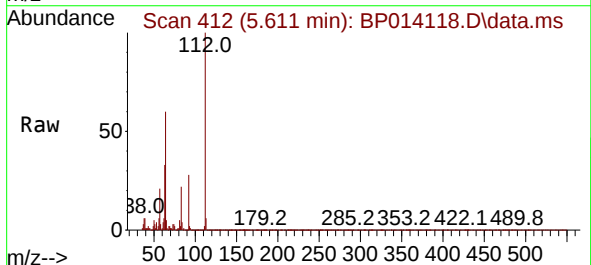
Instrument :
BNA_P
ClientSampleId :
RB21136

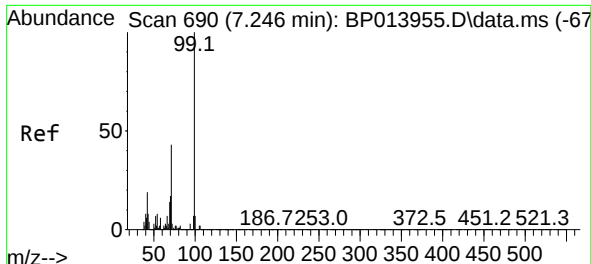
Tgt Ion:152 Resp: 133352
Ion Ratio Lower Upper
152 100
150 159.5 122.3 183.5
115 67.4 51.6 77.4



#5
2-Fluorophenol
Concen: 98.159 ng
RT: 5.611 min Scan# 412
Delta R.T. 0.006 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

Tgt Ion:112 Resp: 807138
Ion Ratio Lower Upper
112 100
64 60.3 46.7 70.1
63 32.7 26.6 40.0

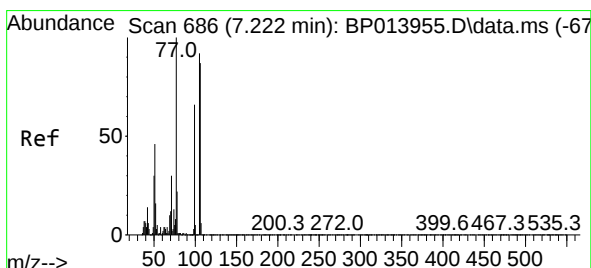
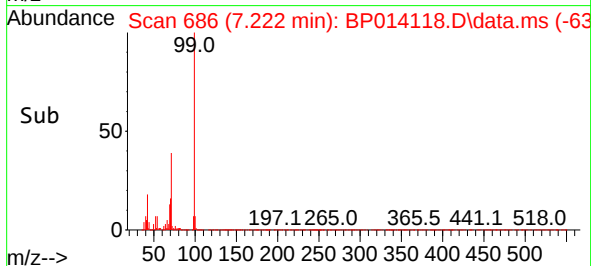
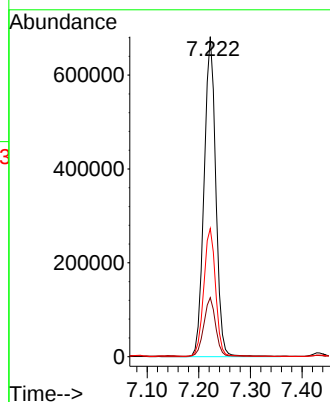
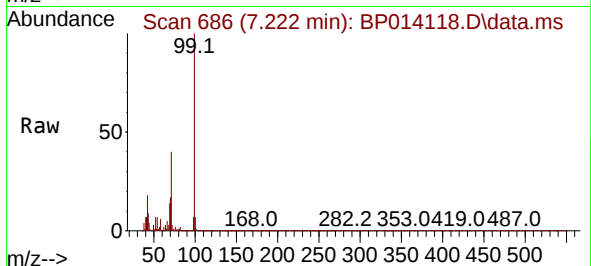




#7
Phenol-d6
Concen: 99.294 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

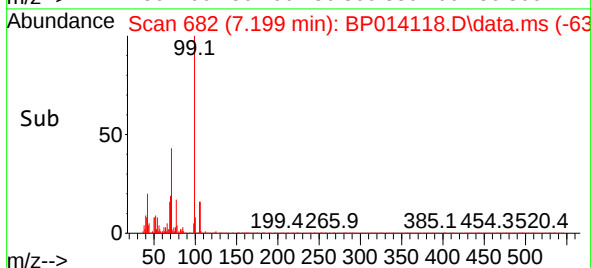
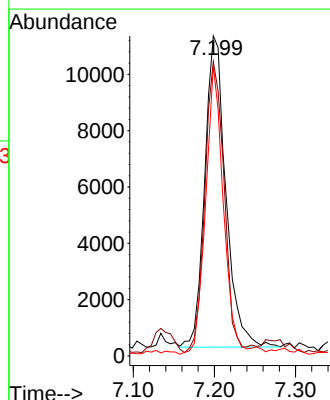
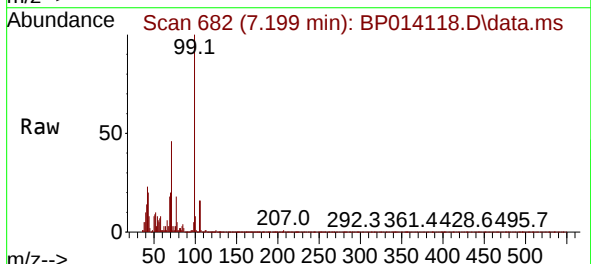
Instrument :
BNA_P
ClientSampleId :
RB21136

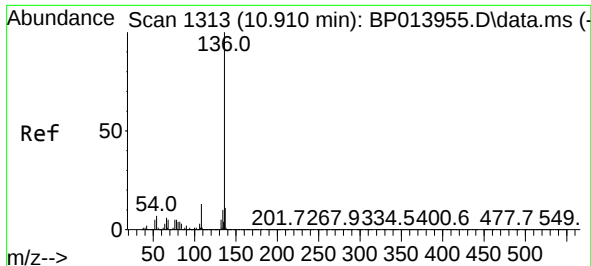
Tgt Ion: 99 Resp: 1071960
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.6
71 40.0 34.3 51.5



#9
Benzaldehyde
Concen: 3.698 ng
RT: 7.199 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

Tgt Ion: 77 Resp: 19979
Ion Ratio Lower Upper
77 100
105 91.9 72.4 112.4
106 90.8 66.9 106.9

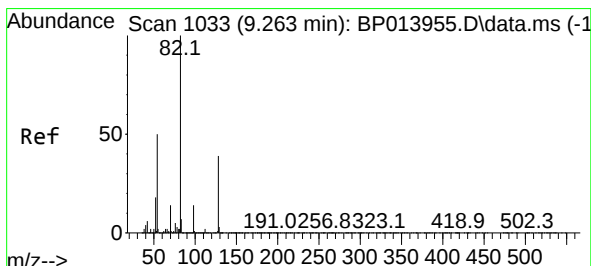
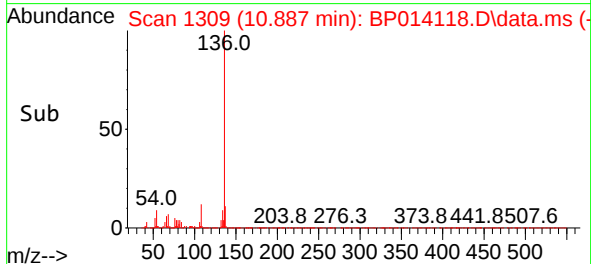
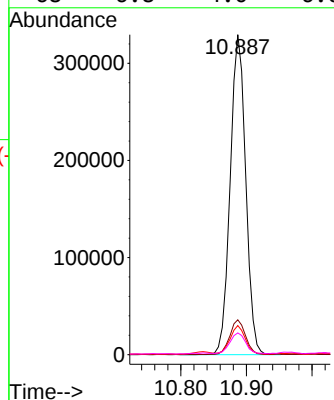
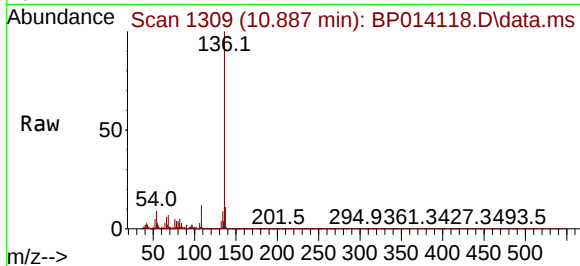




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

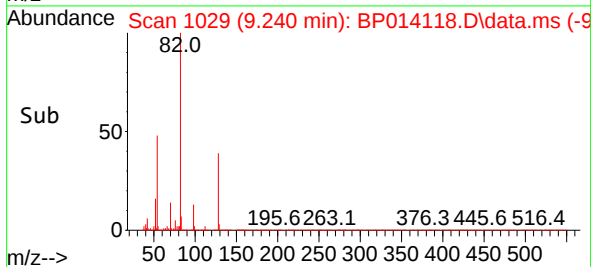
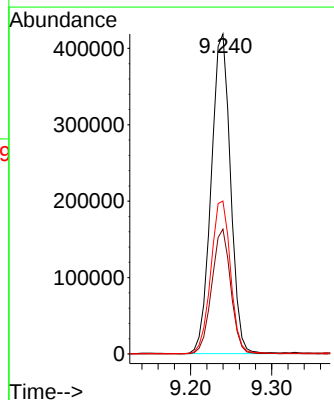
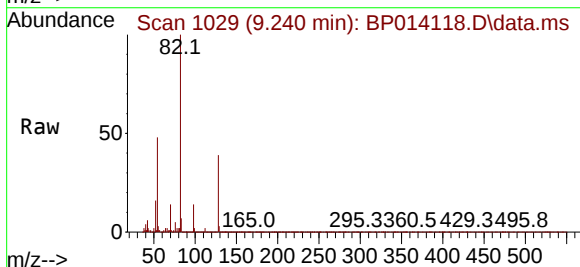
Instrument :
BNA_P
ClientSampleId :
RB21136

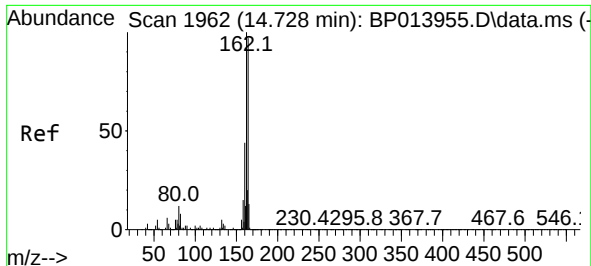
Tgt Ion:	136	Resp:	541612
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	9.1	5.8	8.8#
68	6.8	4.0	6.0#



#23
Nitrobenzene-d5
Concen: 58.348 ng
RT: 9.240 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

Tgt Ion:	82	Resp:	691426
Ion Ratio	Lower	Upper	
82	100		
128	39.0	31.1	46.7
54	47.8	40.0	60.0

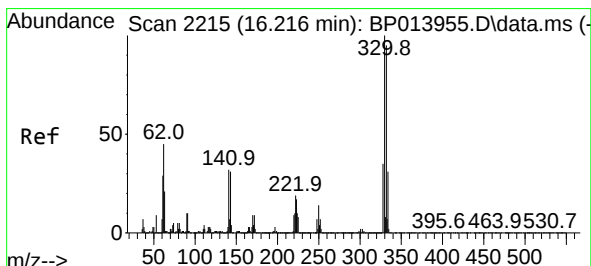
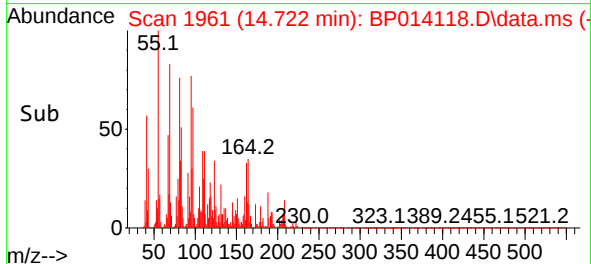
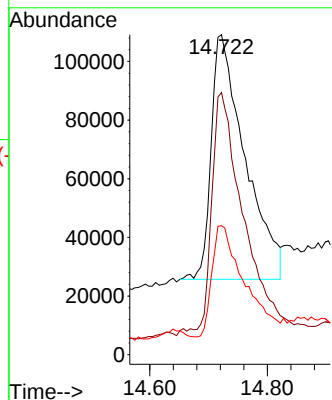
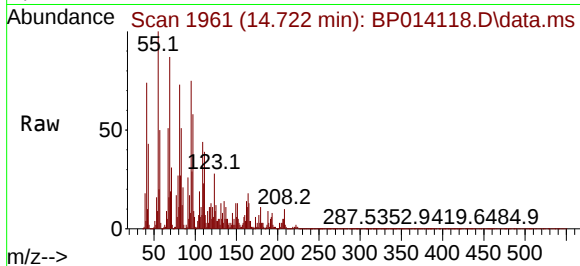




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

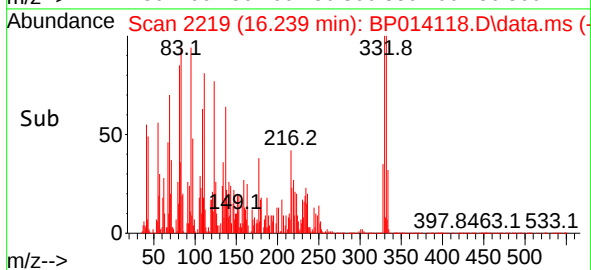
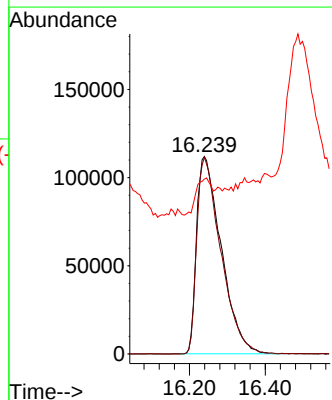
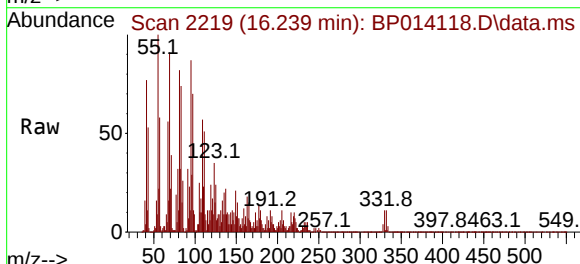
Instrument :
BNA_P
ClientSampleId :
RB21136

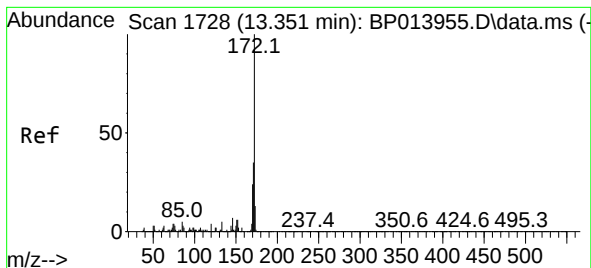
Tgt Ion:164 Resp: 332074
Ion Ratio Lower Upper
164 100
162 81.9 82.1 123.1#
160 40.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 94.010 ng
RT: 16.239 min Scan# 2219
Delta R.T. 0.035 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

Tgt Ion:330 Resp: 506160
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 11.0 25.6 38.4#





#45

2-Fluorobiphenyl

Concen: 61.268 ng

RT: 13.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014118.D

Acq: 17 Mar 2023 13:20

Instrument :

BNA_P

ClientSampleId :

RB21136

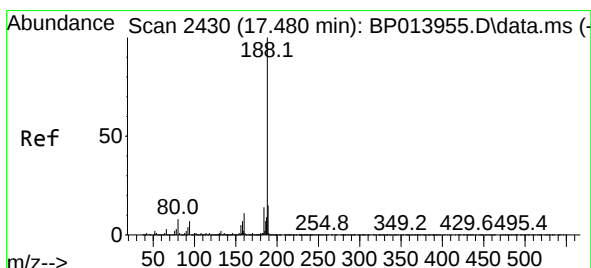
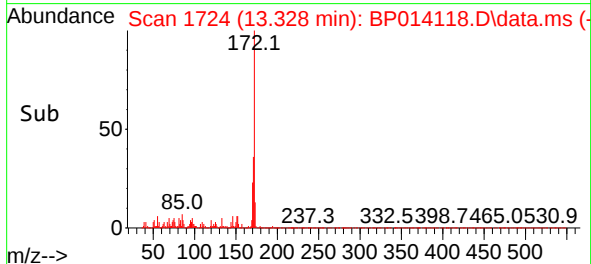
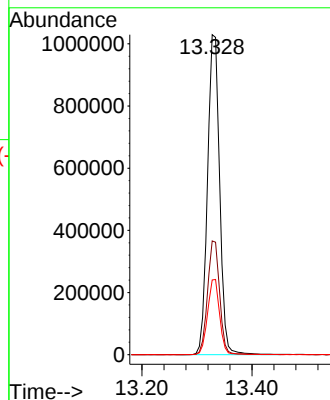
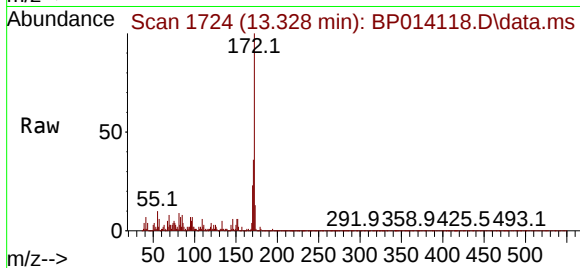
Tgt Ion:172 Resp: 1570387

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.4 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.516 min Scan# 2436

Delta R.T. 0.047 min

Lab File: BP014118.D

Acq: 17 Mar 2023 13:20

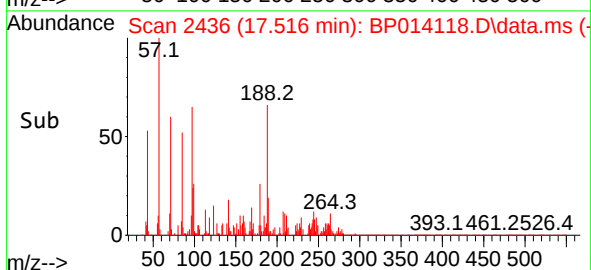
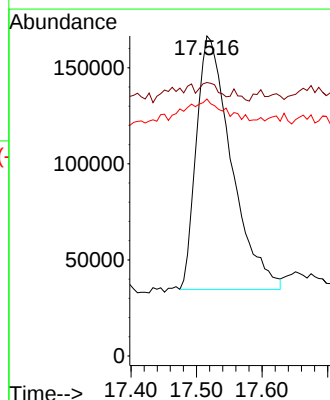
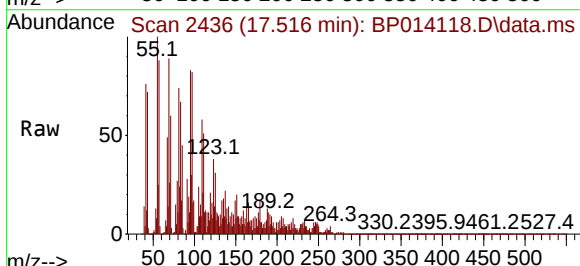
Tgt Ion:188 Resp: 489603

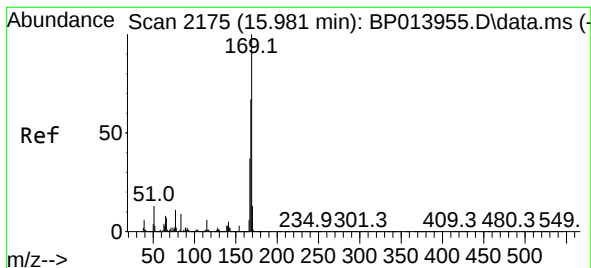
Ion Ratio Lower Upper

188 100

94 85.5 5.8 8.6#

80 80.3 6.6 9.8#





#66

n-Nitrosodiphenylamine

Concen: 26.955 ng

RT: 15.986 min Scan# 2175

Delta R.T. 0.023 min

Lab File: BP014118.D

Acq: 17 Mar 2023 13:20

Instrument :

BNA_P

ClientSampleId :

RB21136

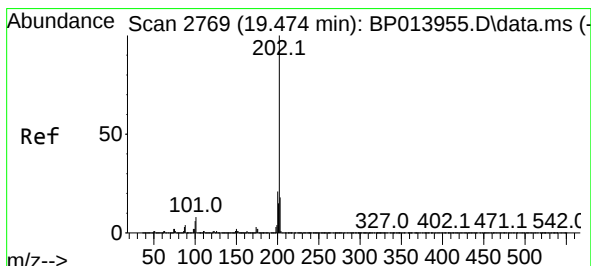
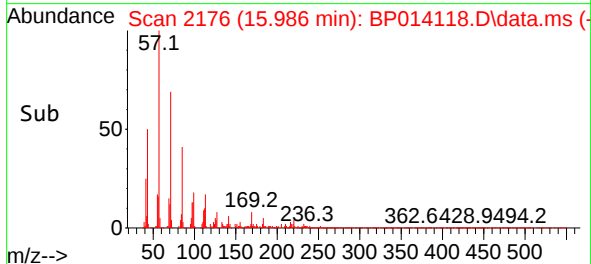
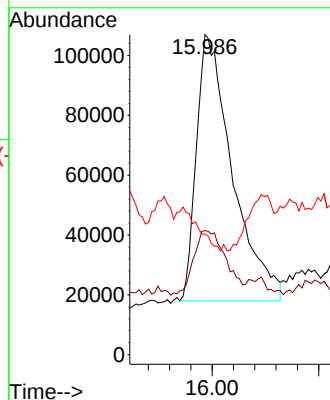
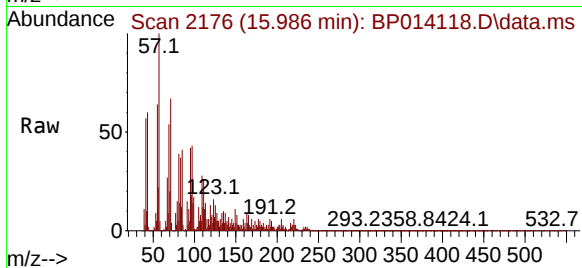
Tgt Ion:169 Resp: 417031

Ion Ratio Lower Upper

169 100

168 38.8 54.0 81.0#

167 37.7 29.4 44.2



#75

Fluoranthene

Concen: 4.793 ng

RT: 19.527 min Scan# 2778

Delta R.T. 0.065 min

Lab File: BP014118.D

Acq: 17 Mar 2023 13:20

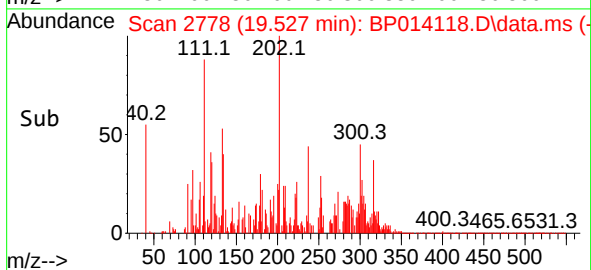
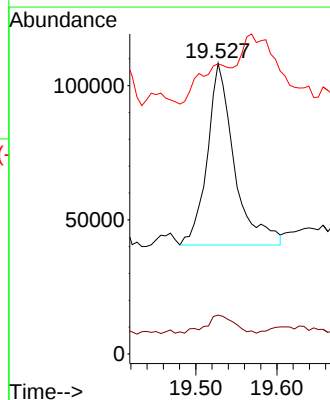
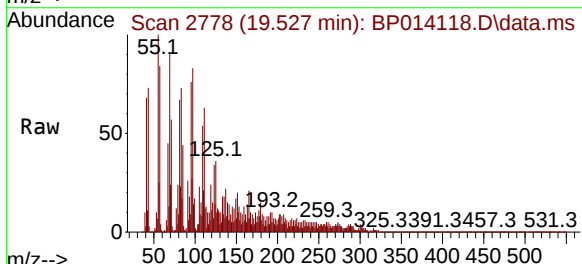
Tgt Ion:202 Resp: 156707

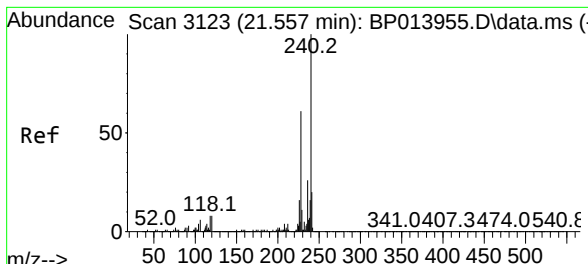
Ion Ratio Lower Upper

202 100

101 13.4 0.0 27.9

203 99.8 0.0 37.7#



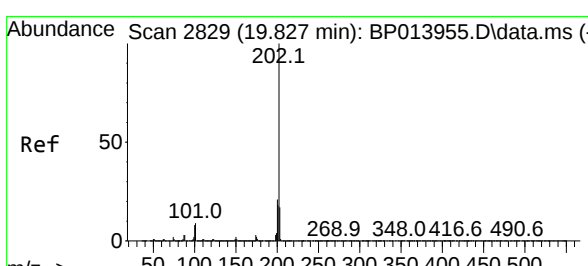
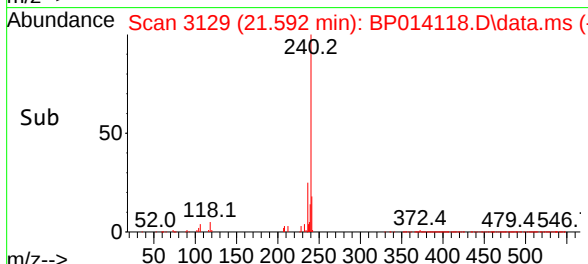
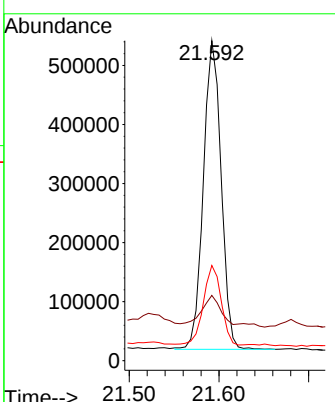
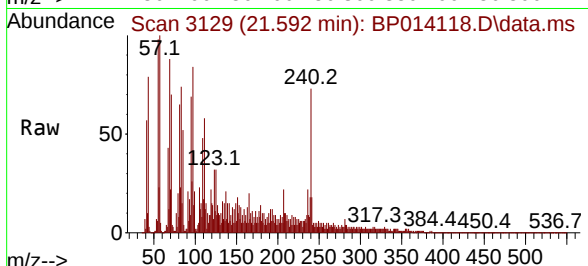


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3123
Delta R.T. 0.041 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

Instrument :
BNA_P
ClientSampleId :
RB21136

Tgt Ion: 240 Resp: 720024

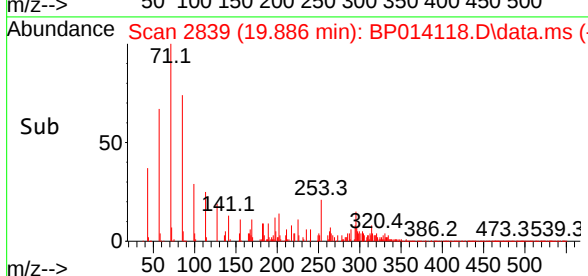
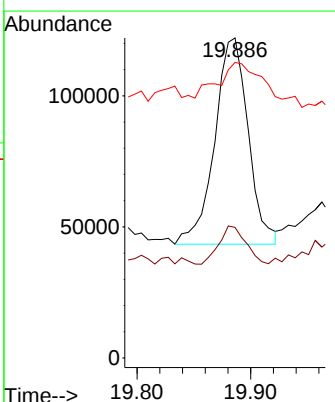
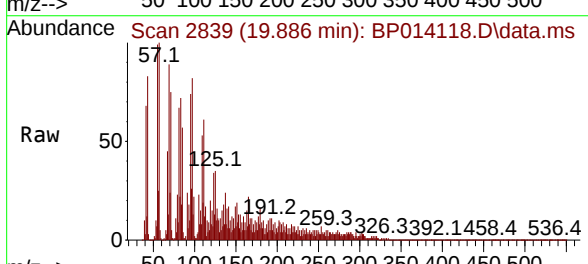
Ion	Ratio	Lower	Upper
240	100		
120	20.4	6.4	9.6#
236	29.7	21.2	31.8

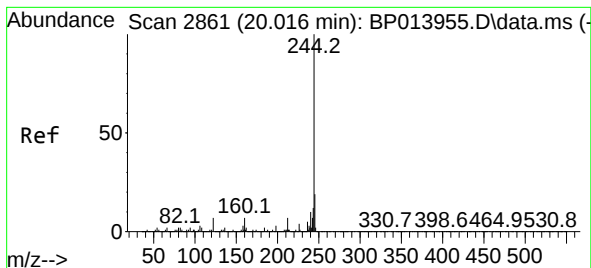


#78
Pyrene
Concen: 2.920 ng
RT: 19.886 min Scan# 2839
Delta R.T. 0.065 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

Tgt Ion: 202 Resp: 161395

Ion	Ratio	Lower	Upper
202	100		
200	40.8	16.9	25.3#
203	92.3	13.9	20.9#





#79

Terphenyl-d14

Concen: 40.496 ng

RT: 20.057 min Scan# 21

Delta R.T. 0.053 min

Lab File: BP014118.D

Acq: 17 Mar 2023 13:20

Instrument :

BNA_P

ClientSampleId :

RB21136

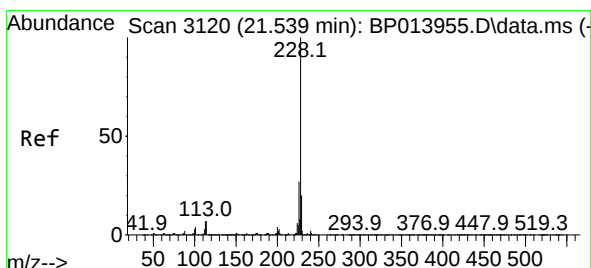
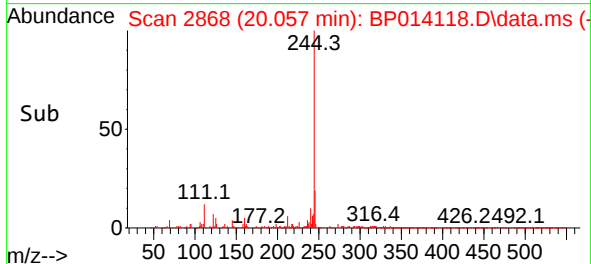
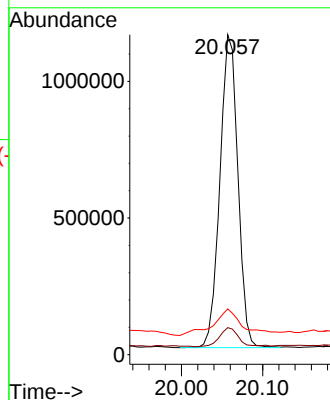
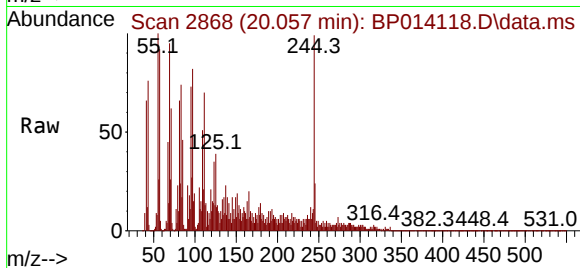
Tgt Ion:244 Resp: 1768290

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

122 14.3 5.8 8.6#



#81

Benzo(a)anthracene

Concen: 2.459 ng

RT: 21.574 min Scan# 3126

Delta R.T. 0.041 min

Lab File: BP014118.D

Acq: 17 Mar 2023 13:20

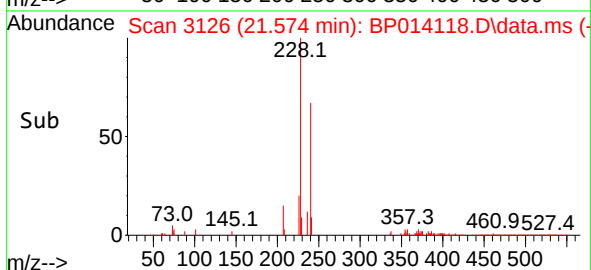
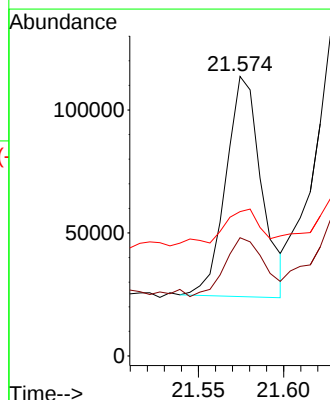
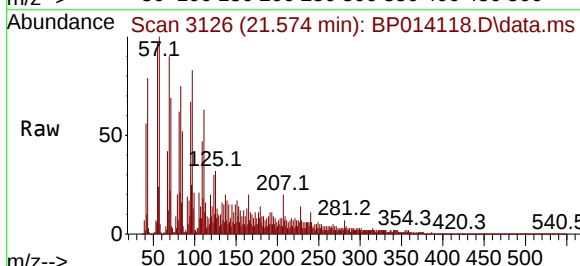
Tgt Ion:228 Resp: 129918

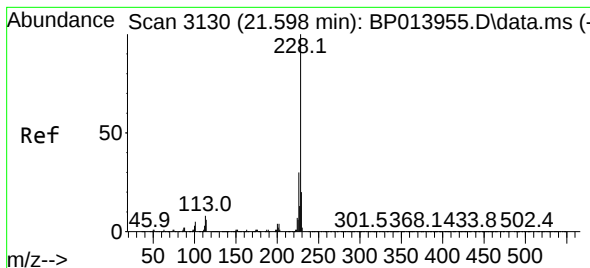
Ion Ratio Lower Upper

228 100

226 42.3 21.8 32.8#

229 51.6 15.8 23.6#





#83

Chrysene

Concen: 3.650 ng

RT: 21.633 min Scan# 3136

Delta R.T. 0.041 min

Lab File: BP014118.D

Acq: 17 Mar 2023 13:20

Instrument :

BNA_P

ClientSampleId :

RB21136

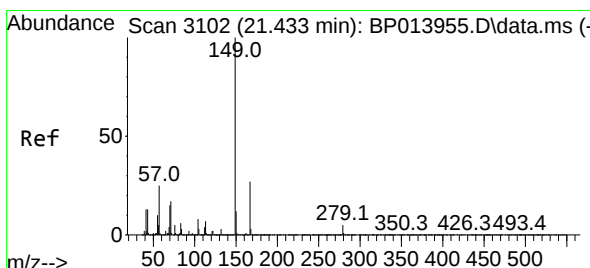
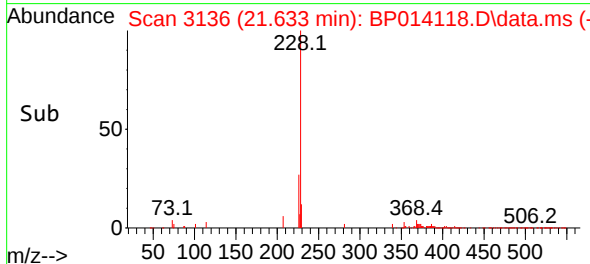
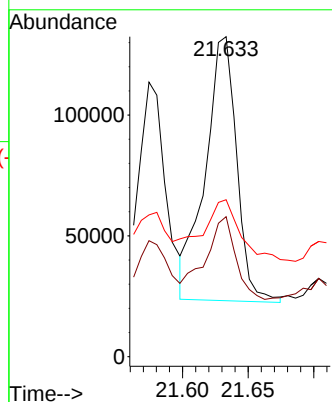
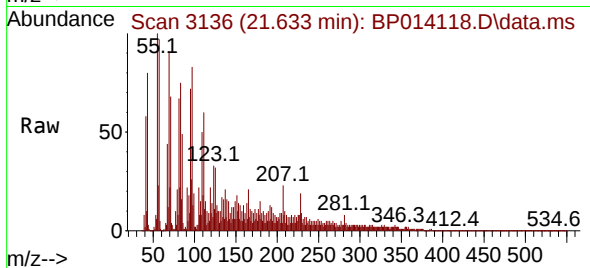
Tgt Ion:228 Resp: 182596

Ion Ratio Lower Upper

228 100

226 43.8 24.2 36.4#

229 49.0 15.8 23.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.477 ng

RT: 21.451 min Scan# 3105

Delta R.T. 0.023 min

Lab File: BP014118.D

Acq: 17 Mar 2023 13:20

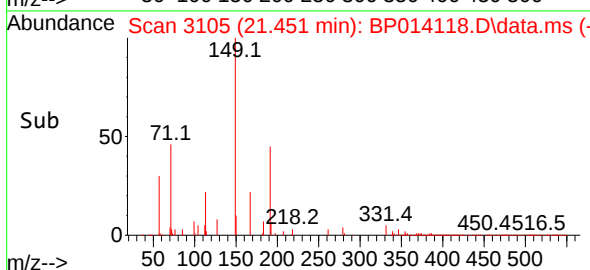
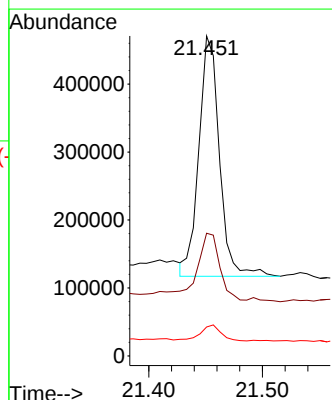
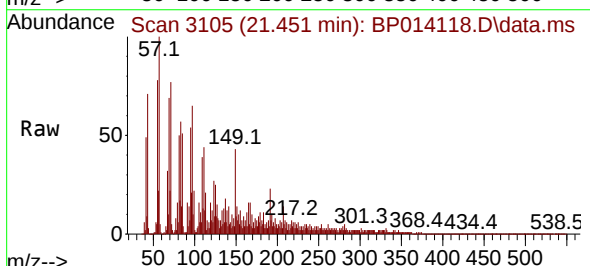
Tgt Ion:149 Resp: 444978

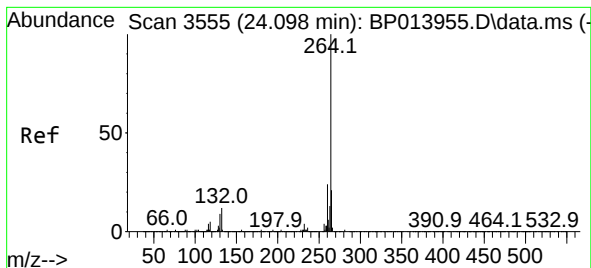
Ion Ratio Lower Upper

149 100

167 38.4 21.8 32.6#

279 9.1 4.0 6.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3

Delta R.T. 0.023 min

Lab File: BP014118.D

Acq: 17 Mar 2023 13:20

Instrument :

BNA_P

ClientSampleId :

RB21136

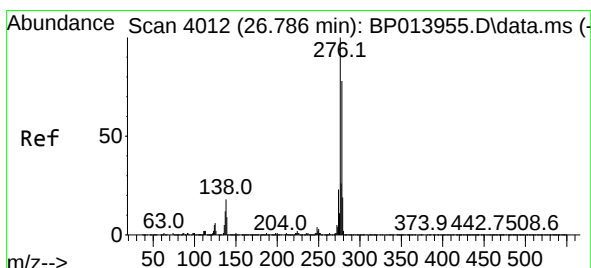
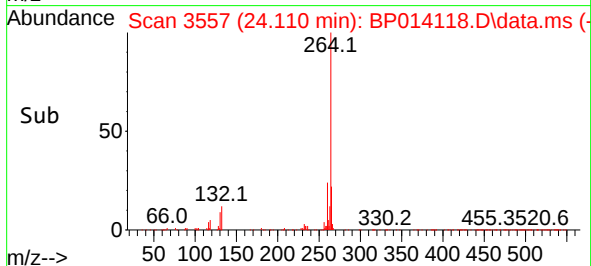
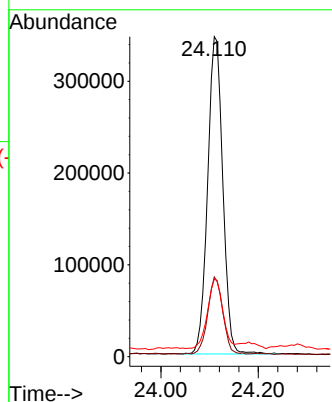
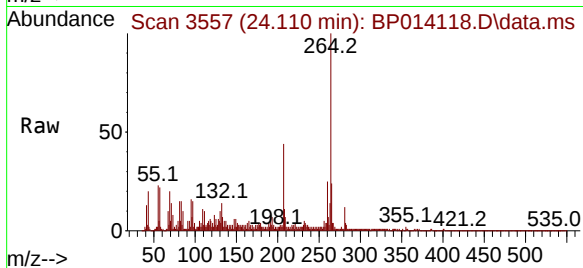
Tgt Ion:264 Resp: 744374

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 24.2 17.8 26.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.569 ng

RT: 26.768 min Scan# 4009

Delta R.T. 0.006 min

Lab File: BP014118.D

Acq: 17 Mar 2023 13:20

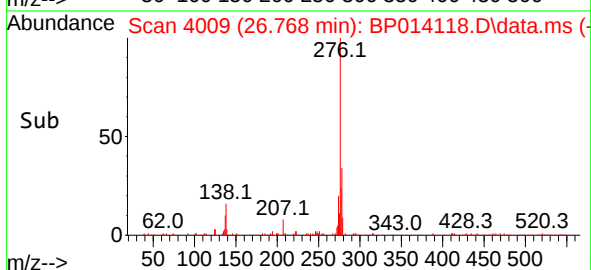
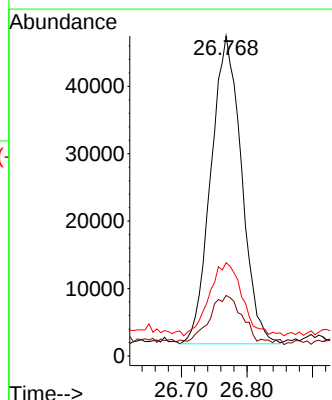
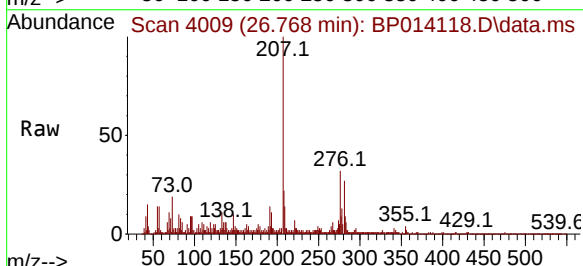
Tgt Ion:276 Resp: 147765

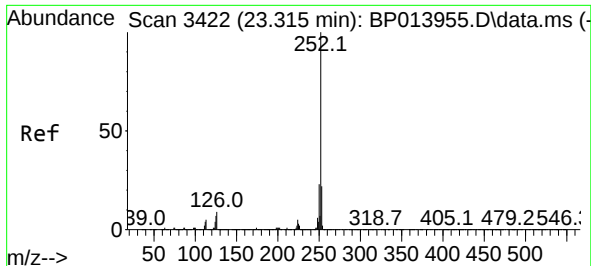
Ion Ratio Lower Upper

276 100

138 16.1 13.8 20.8

277 25.6 20.4 30.6

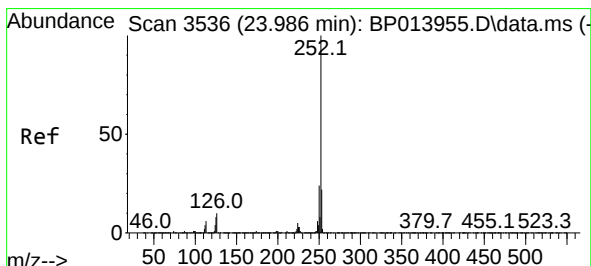
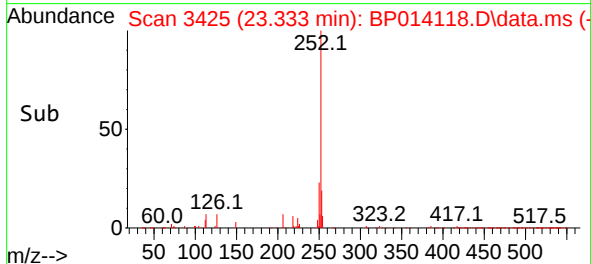
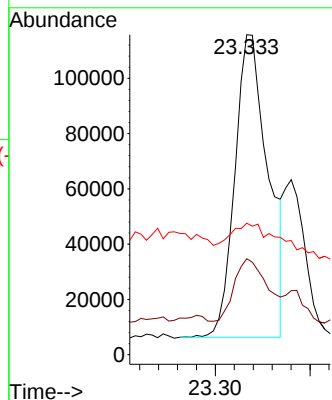
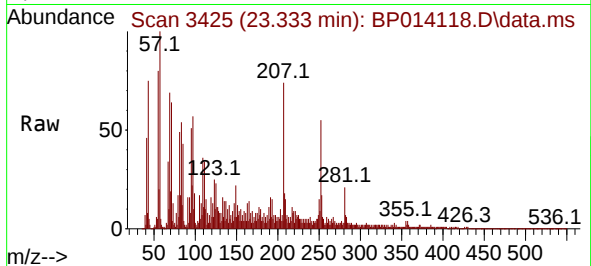




#88
Benzo(b)fluoranthene
Concen: 5.466 ng
RT: 23.333 min Scan# 34
Delta R.T. 0.023 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

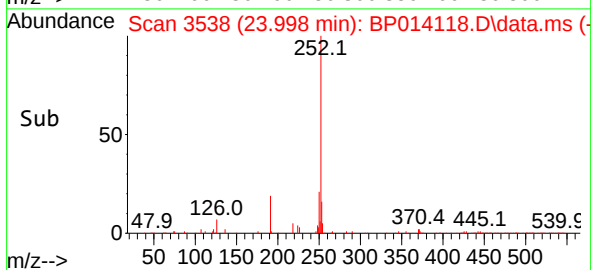
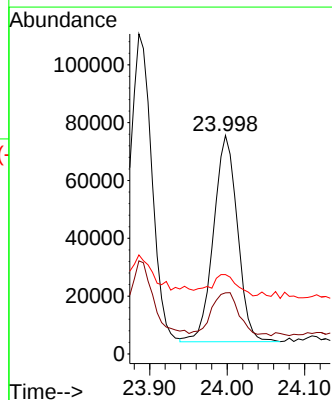
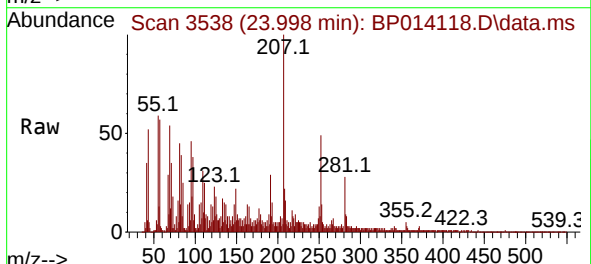
Instrument :
BNA_P
ClientSampleId :
RB21136

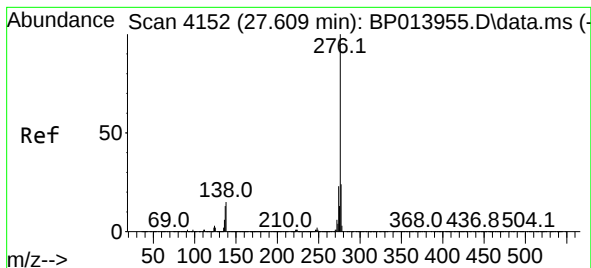
Tgt Ion:252 Resp: 266423
Ion Ratio Lower Upper
252 100
253 30.0 17.5 26.3#
125 41.1 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 3.296 ng
RT: 23.998 min Scan# 3538
Delta R.T. 0.023 min
Lab File: BP014118.D
Acq: 17 Mar 2023 13:20

Tgt Ion:252 Resp: 153228
Ion Ratio Lower Upper
252 100
253 27.9 17.4 26.2#
125 36.3 6.2 9.4#





#92

Benzo(g,h,i)perylene

Concen: 4.436 ng

RT: 27.598 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP014118.D

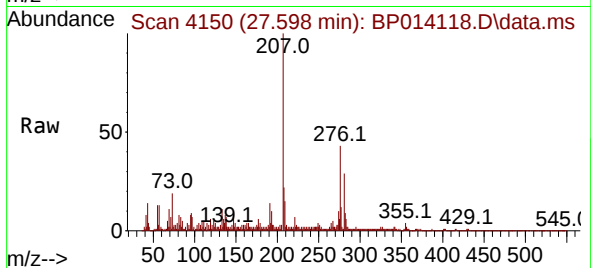
Acq: 17 Mar 2023 13:20

Instrument :

BNA_P

ClientSampleId :

RB21136



Tgt Ion:276 Resp: 210184

Ion Ratio Lower Upper

276 100

277 28.5 19.4 29.0

138 15.9 12.2 18.4

