

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007839.D
 Acq On : 04 Nov 2021 00:23
 Operator : CG/JU
 Sample : M4427-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 04 07:34:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

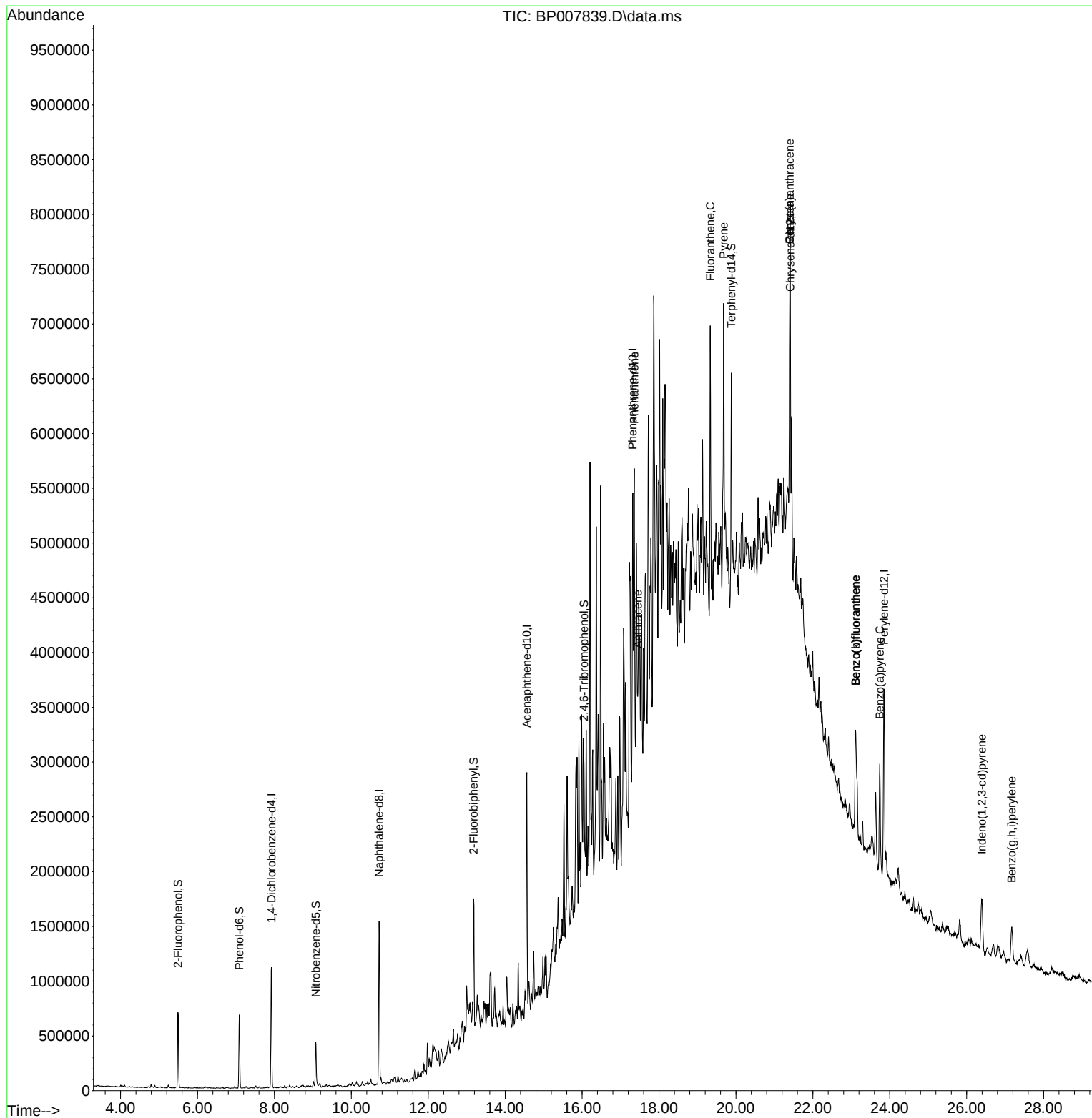
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	306979	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1236538	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	774537	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1577297	20.000	ng	0.00
76) Chrysene-d12	21.410	240	1369765	20.000	ng	0.00
86) Perylene-d12	23.851	264	1364578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	307212	16.972	ng	0.00
7) Phenol-d6	7.087	99	379425	14.482	ng	0.00
23) Nitrobenzene-d5	9.075	82	239839	10.419	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	174485	15.785	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	600486	11.290	ng	-0.01
79) Terphenyl-d14	19.880	244	892399	13.266	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	154	Below Cal	#	1
71) Phenanthrene	17.357	178	673240	8.119	ng	99
72) Anthracene	17.451	178	257925	3.161	ng	97
75) Fluoranthene	19.333	202	1358438	12.987	ng	79
78) Pyrene	19.680	202	1531067	18.224	ng	# 93
81) Benzo(a)anthracene	21.398	228	871412	9.656	ng	96
83) Chrysene	21.398	228	871412	10.200	ng	96
87) Indeno(1,2,3-cd)pyrene	26.392	276	499245	4.908	ng	# 93
88) Benzo(b)fluoranthene	23.110	252	1293848	16.085	ng	# 92
89) Benzo(k)fluoranthene	23.110	252	1293848	16.207	ng	# 92
90) Benzo(a)pyrene	23.739	252	802968	11.529	ng	# 96
92) Benzo(g,h,i)perylene	27.168	276	482611	5.770	ng	98

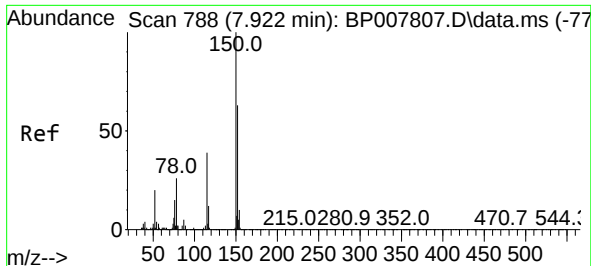
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
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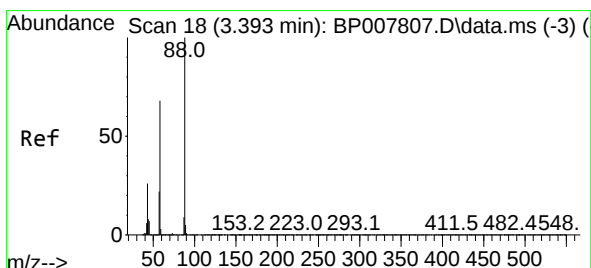
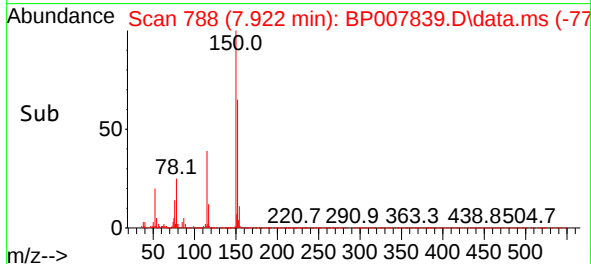
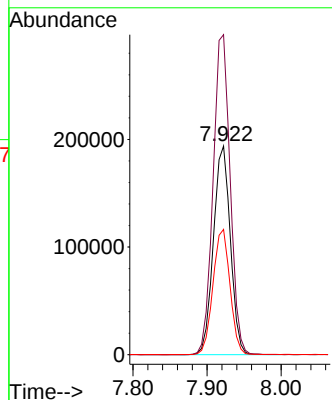
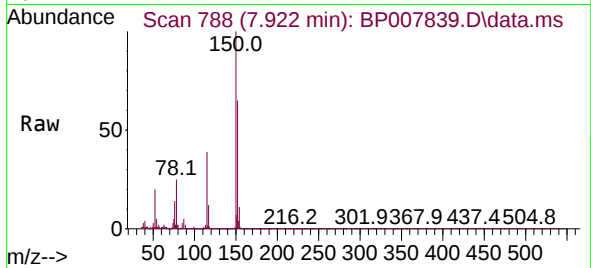




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

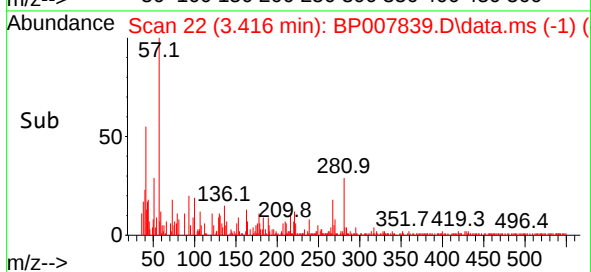
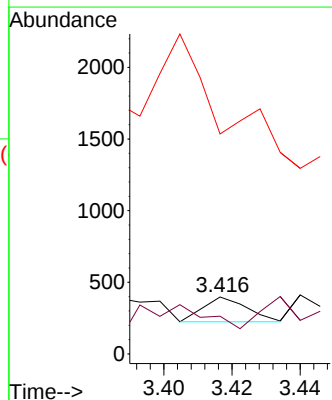
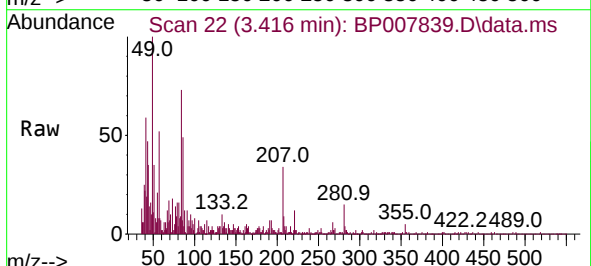
Instrument :
BNA_P
ClientSampleId :

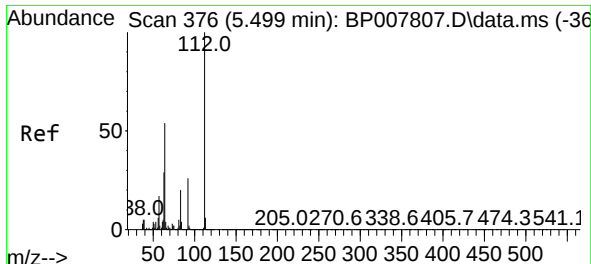
Tgt Ion:152 Resp: 306979
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 60.0 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.416 min Scan# 22
Delta R.T. 0.023 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

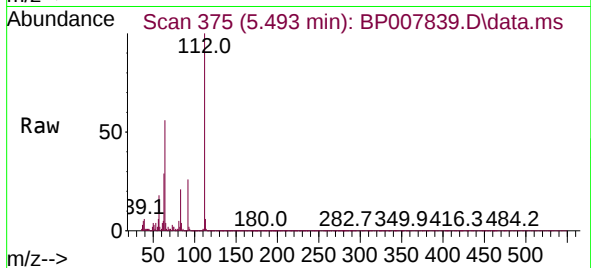
Tgt Ion: 88 Resp: 154
Ion Ratio Lower Upper
88 100
58 233.8 58.1 87.1#
43 1455.2 22.2 33.4#



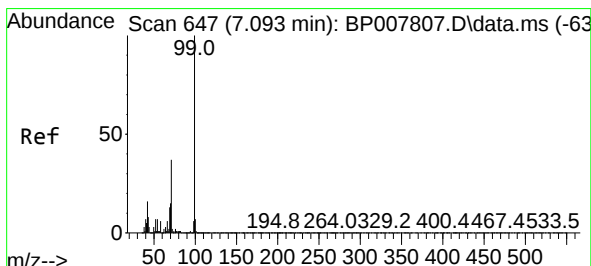
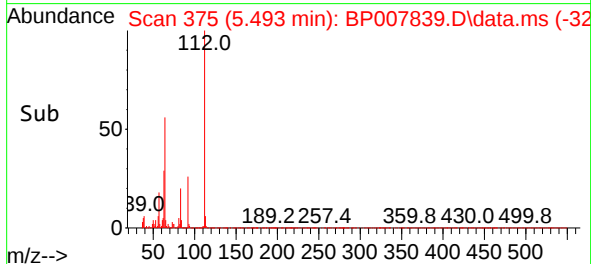
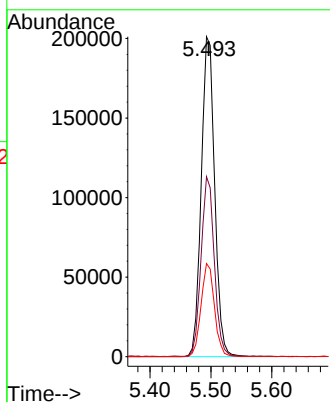


#5
2-Fluorophenol
Concen: 16.972 ng
RT: 5.493 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Instrument :
BNA_P
ClientSampleId :

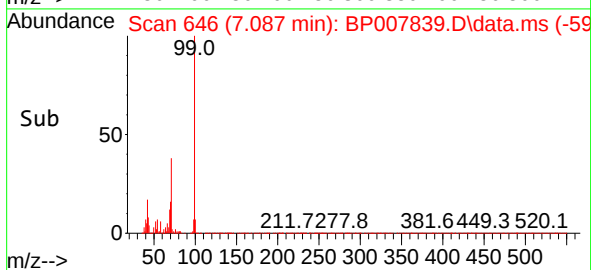
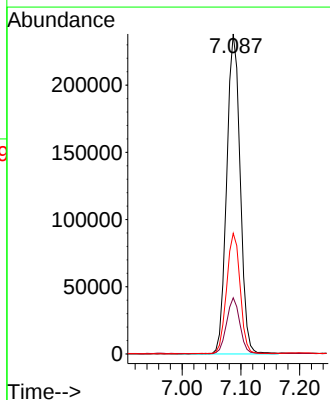
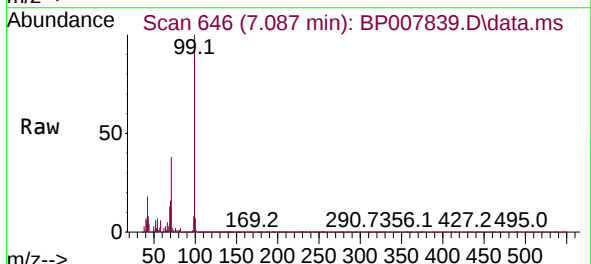


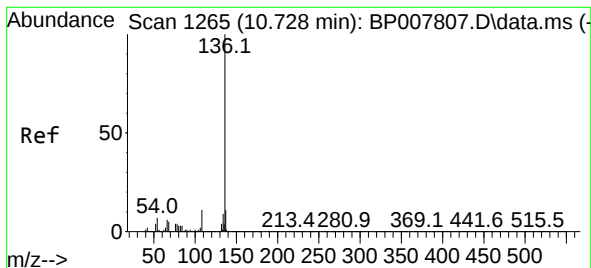
Tgt Ion:112 Resp: 307212
Ion Ratio Lower Upper
112 100
64 56.3 46.6 70.0
63 29.1 25.0 37.6



#7
Phenol-d6
Concen: 14.482 ng
RT: 7.087 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion: 99 Resp: 379425
Ion Ratio Lower Upper
99 100
42 17.6 14.9 22.3
71 37.7 29.2 43.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.722 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:136 Resp: 1236538

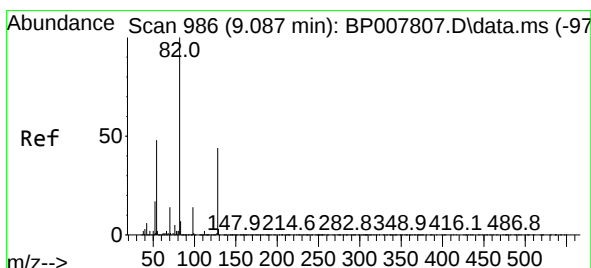
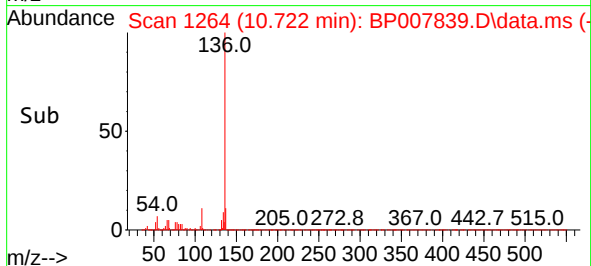
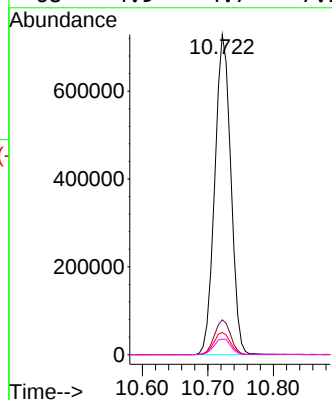
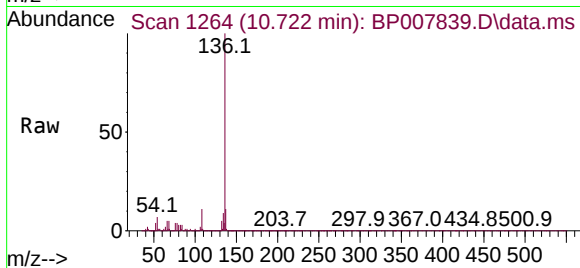
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.9 6.2 9.4

68 4.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 10.419 ng

RT: 9.075 min Scan# 984

Delta R.T. -0.012 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

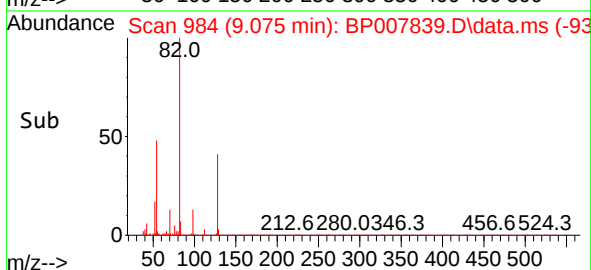
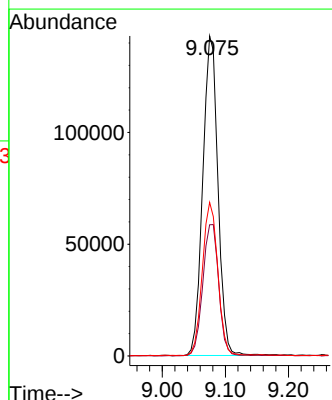
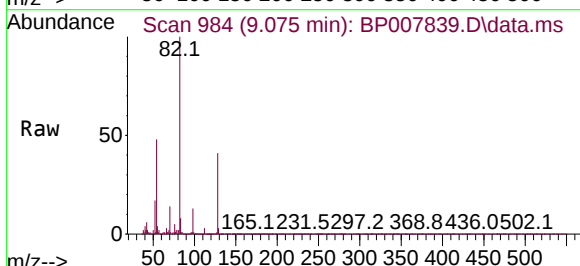
Tgt Ion: 82 Resp: 239839

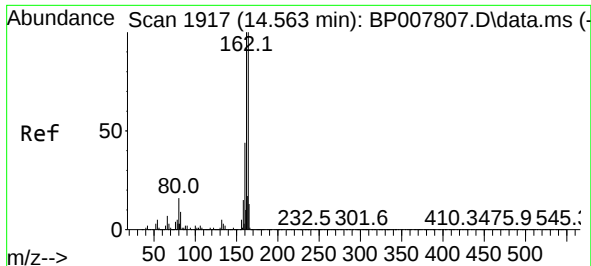
Ion Ratio Lower Upper

82 100

128 41.0 32.6 48.8

54 48.0 40.4 60.6

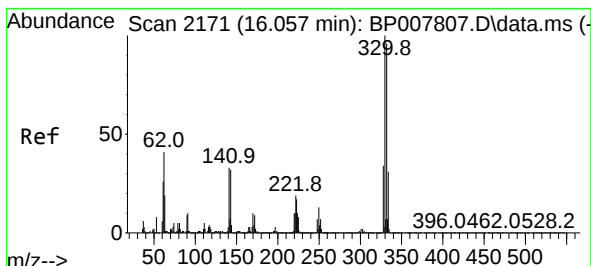
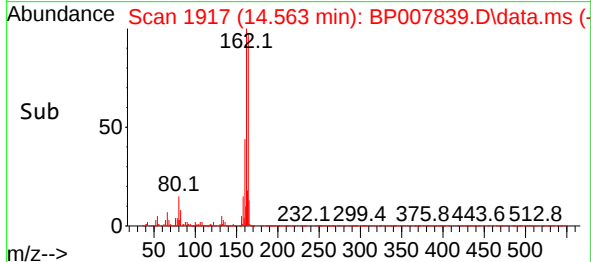
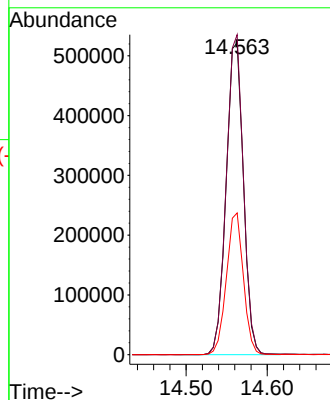
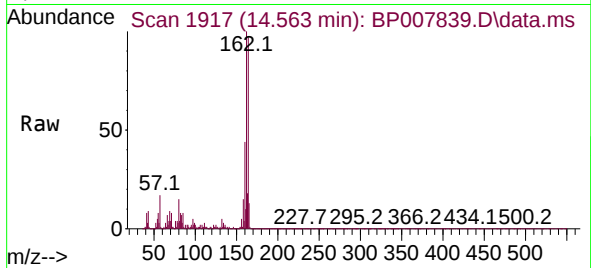




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

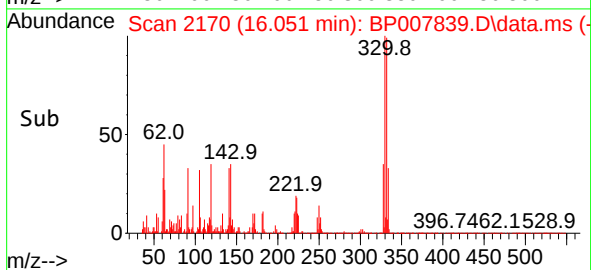
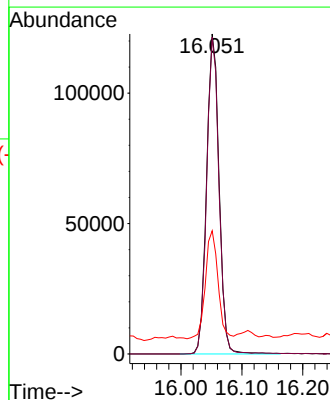
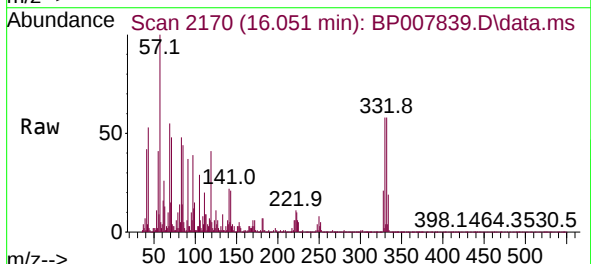
Instrument :
BNA_P
ClientSampleId :

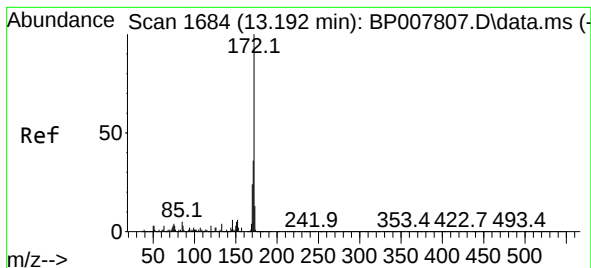
Tgt Ion:164 Resp: 774537
Ion Ratio Lower Upper
164 100
162 102.7 81.1 121.7
160 45.5 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 15.785 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:330 Resp: 174485
Ion Ratio Lower Upper
330 100
332 97.3 78.9 118.3
141 34.0 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 11.290 ng

RT: 13.181 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

Instrument :

BNA_P

ClientSampleId :

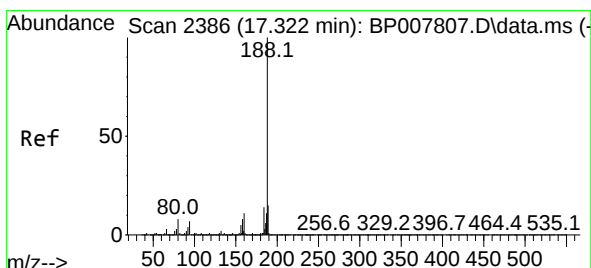
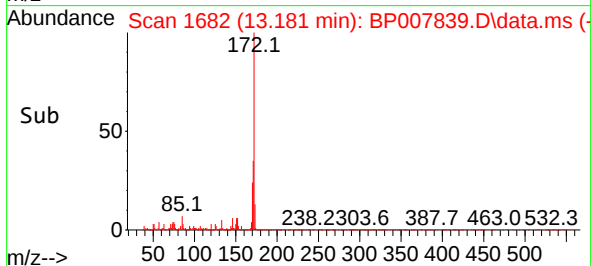
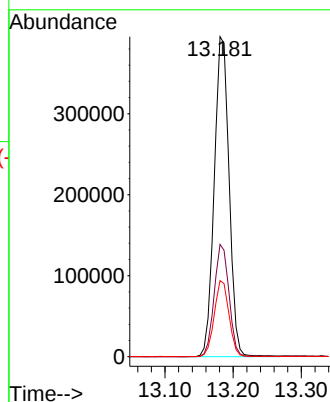
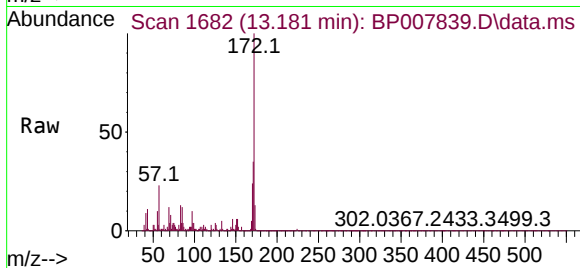
Tgt Ion:172 Resp: 600486

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.8 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2385

Delta R.T. -0.006 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

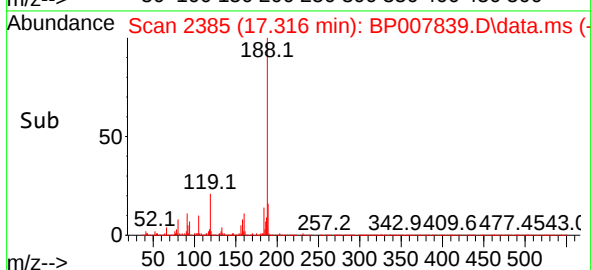
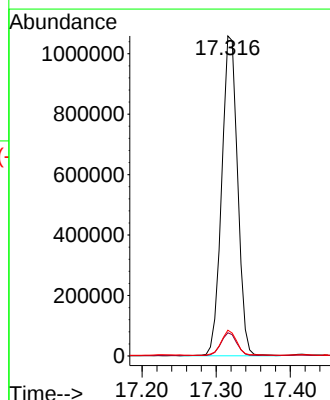
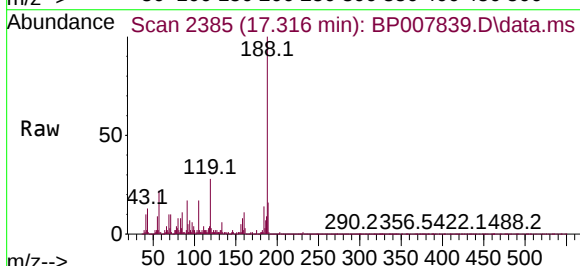
Tgt Ion:188 Resp: 1577297

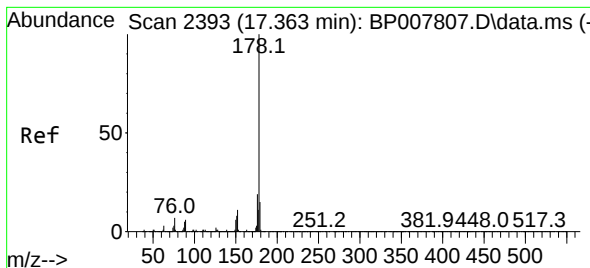
Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

80 8.0 7.8 11.6





#71

Phenanthrene

Concen: 8.119 ng

RT: 17.357 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

Instrument :

BNA_P

ClientSampleId :

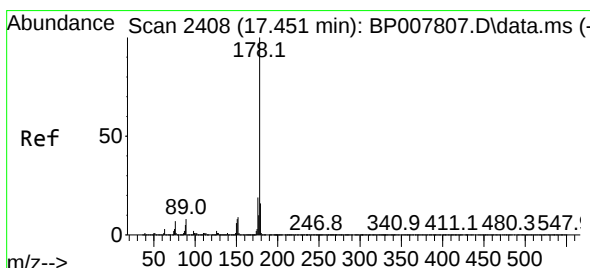
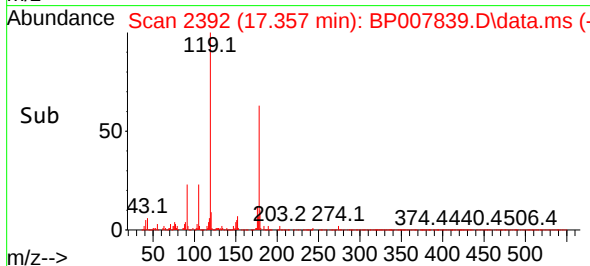
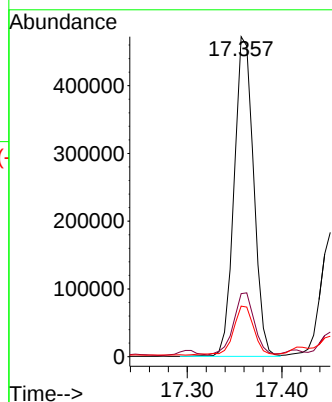
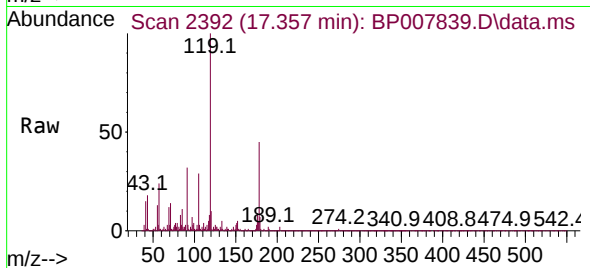
Tgt Ion:178 Resp: 673240

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

179 15.8 12.3 18.5



#72

Anthracene

Concen: 3.161 ng

RT: 17.451 min Scan# 2408

Delta R.T. -0.000 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

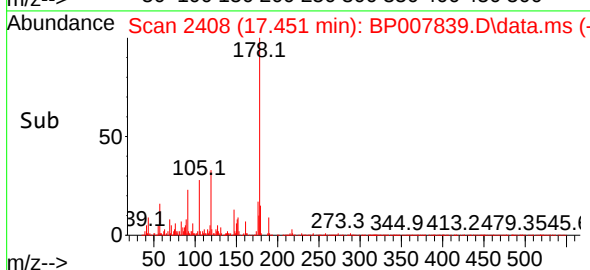
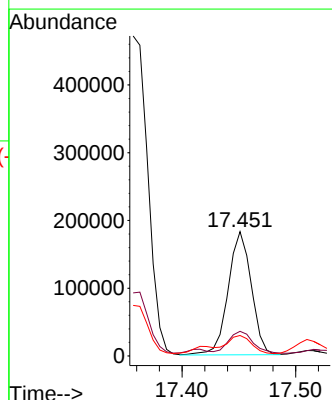
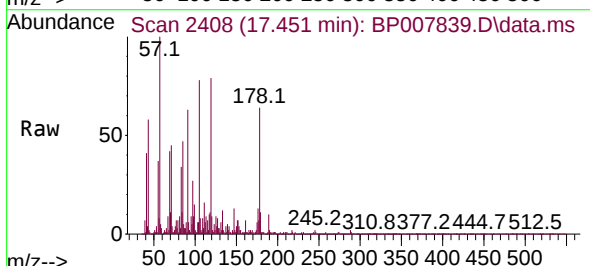
Tgt Ion:178 Resp: 257925

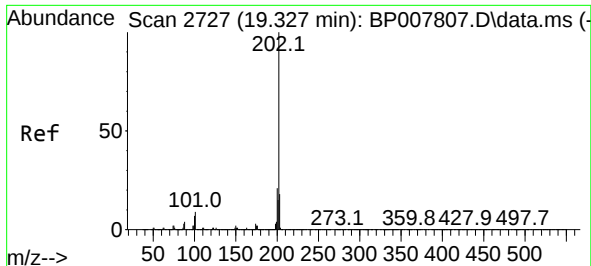
Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.6

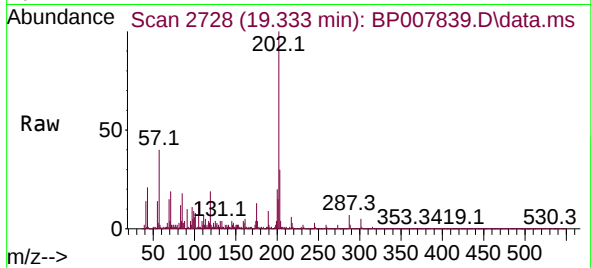
179 16.5 12.2 18.4



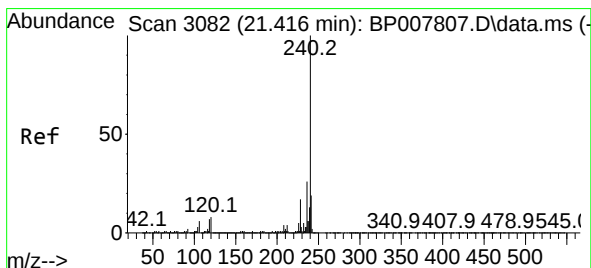
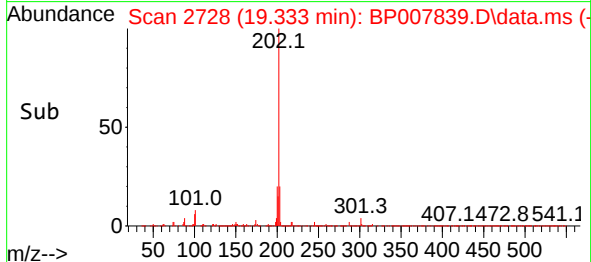
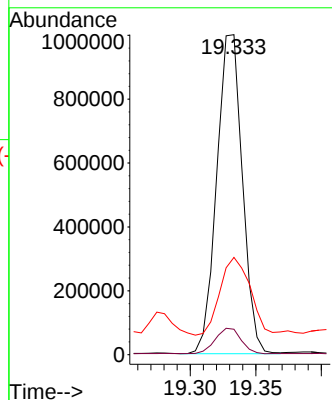


#75
Fluoranthene
Concen: 12.987 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Instrument :
BNA_P
ClientSampleId :

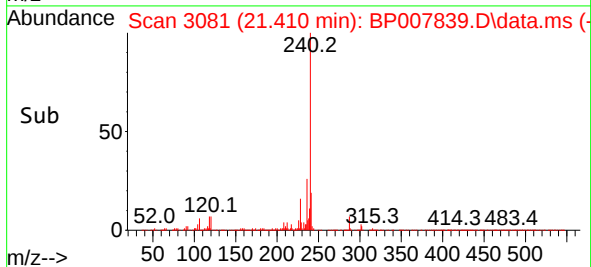
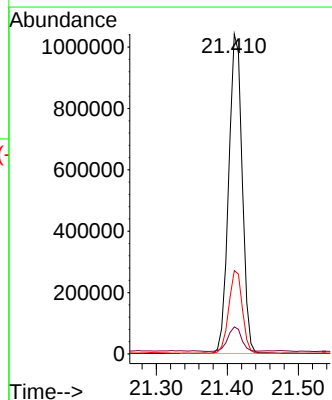
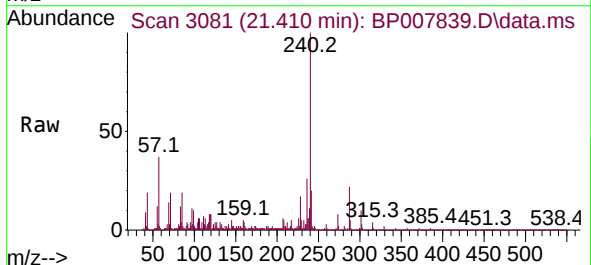


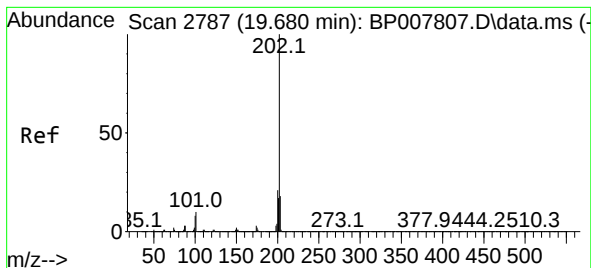
Tgt Ion:202 Resp: 1358438
Ion Ratio Lower Upper
202 100
101 8.0 0.0 30.4
203 30.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:240 Resp: 1369765
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.8
236 26.0 20.6 30.8





#78

Pyrene

Concen: 18.224 ng

RT: 19.680 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

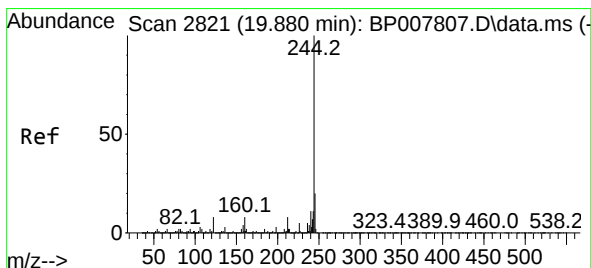
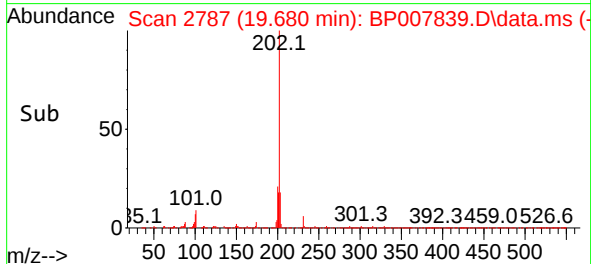
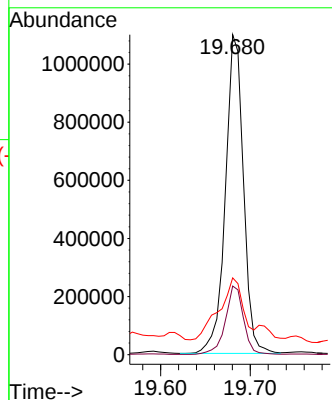
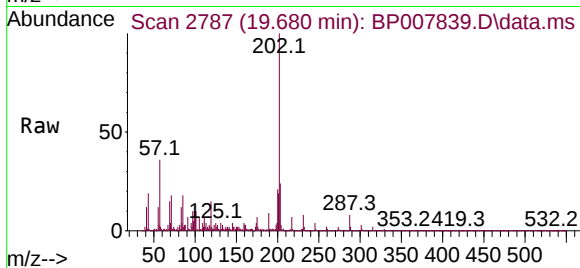
Instrument :

BNA_P

ClientSampleId :

Tgt Ion:202 Resp: 1531067

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	24.0	13.8	20.6



#79

Terphenyl-d14

Concen: 13.266 ng

RT: 19.880 min Scan# 2821

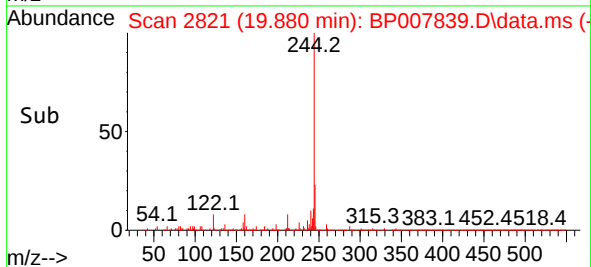
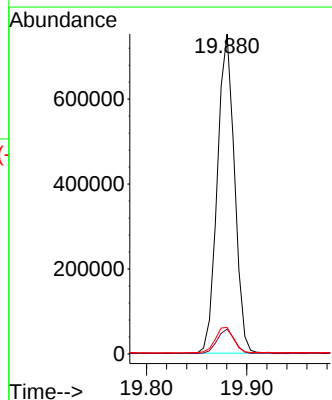
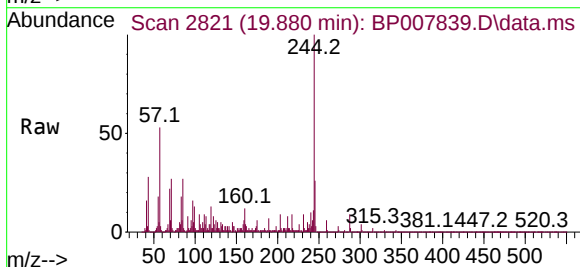
Delta R.T. -0.000 min

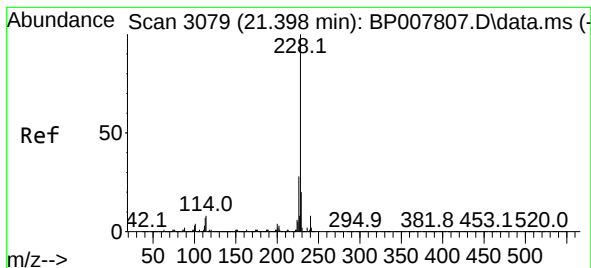
Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

Tgt Ion:244 Resp: 892399

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	8.3	7.8	11.8





#81

Benzo(a)anthracene

Concen: 9.656 ng

RT: 21.398 min Scan# 3079

Delta R.T. -0.000 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

Instrument :

BNA_P

ClientSampleId :

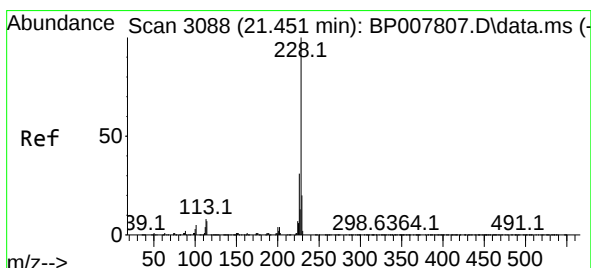
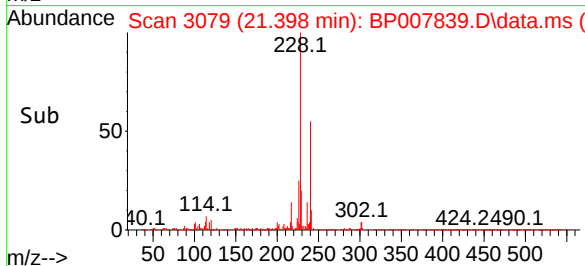
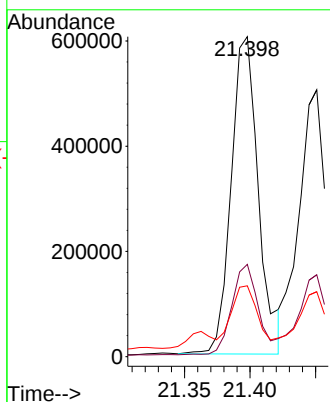
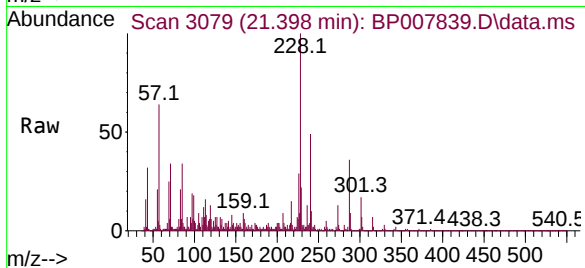
Tgt Ion:228 Resp: 871412

Ion Ratio Lower Upper

228 100

226 28.8 21.8 32.6

229 22.2 15.7 23.5



#83

Chrysene

Concen: 10.200 ng

RT: 21.398 min Scan# 3079

Delta R.T. -0.053 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

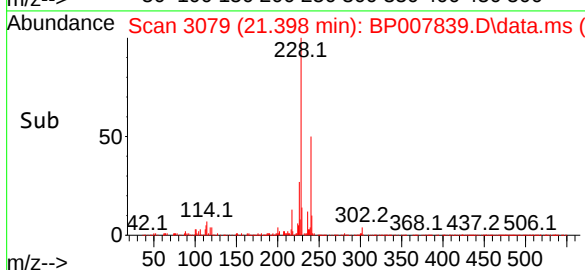
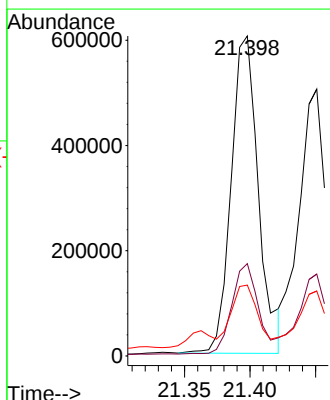
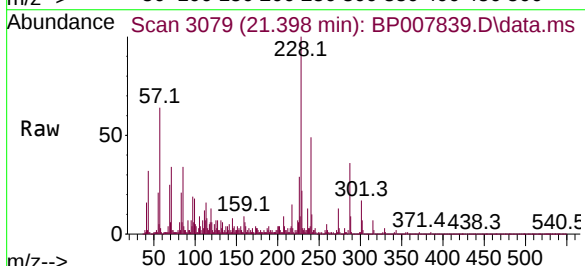
Tgt Ion:228 Resp: 871412

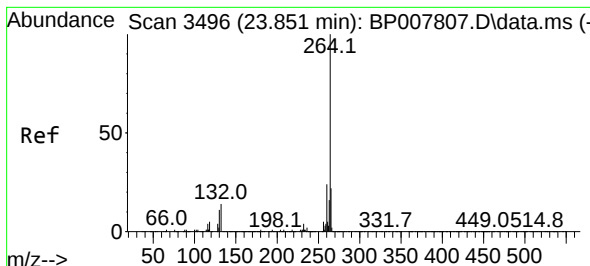
Ion Ratio Lower Upper

228 100

226 28.8 24.6 37.0

229 22.2 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3496

Delta R.T. -0.000 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

Instrument :

BNA_P

ClientSampleId :

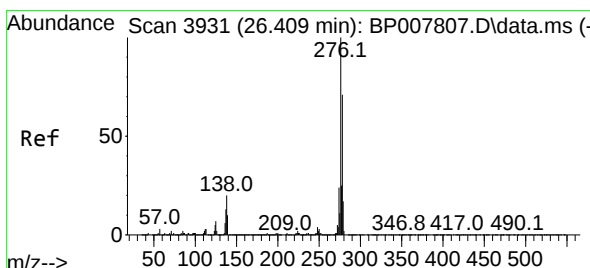
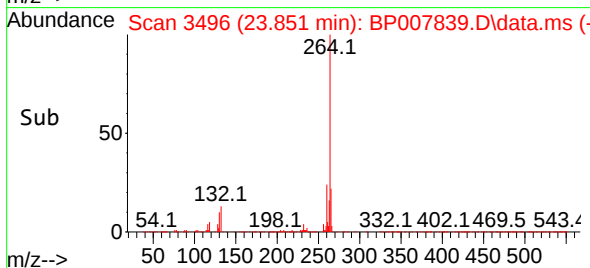
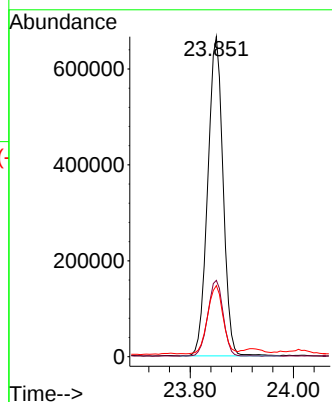
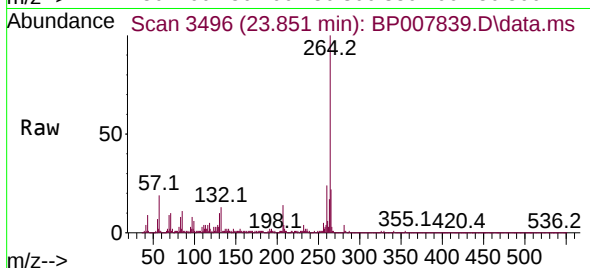
Tgt Ion:264 Resp: 1364578

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.2 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.908 ng

RT: 26.392 min Scan# 3928

Delta R.T. -0.018 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

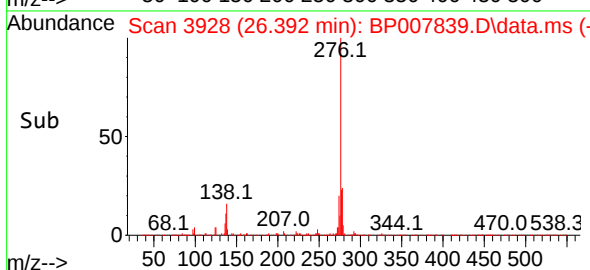
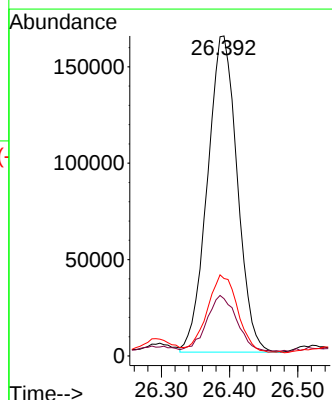
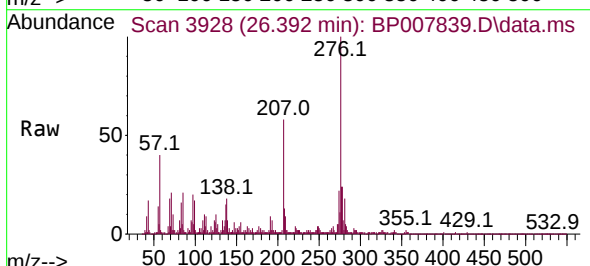
Tgt Ion:276 Resp: 499245

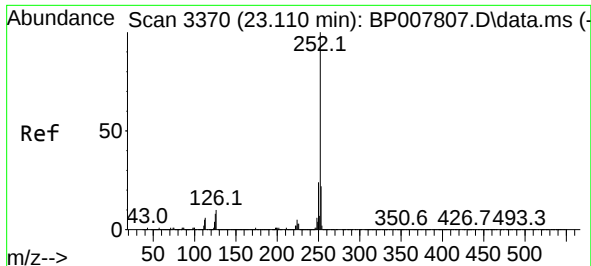
Ion Ratio Lower Upper

276 100

138 17.9 19.4 29.0#

277 24.8 20.2 30.2

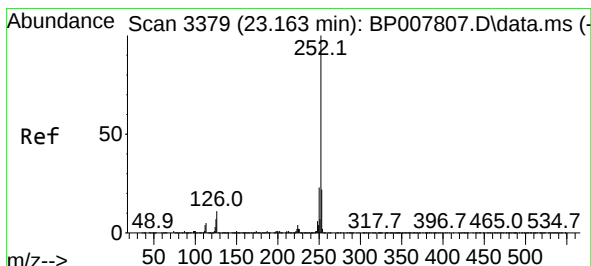
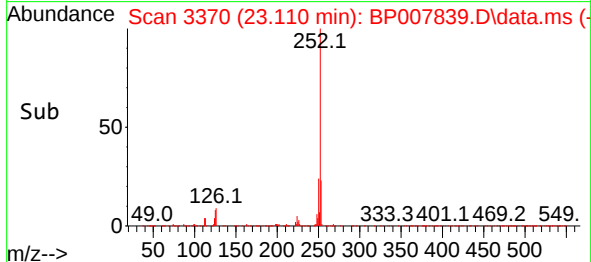
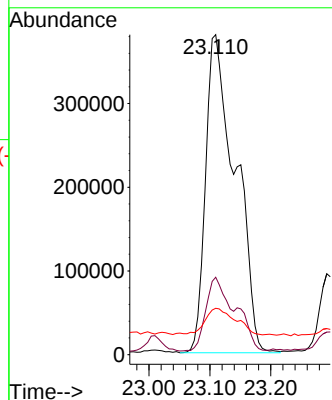
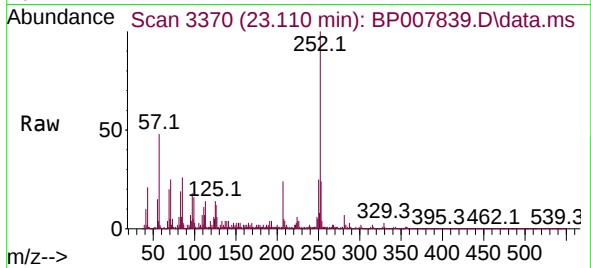




#88
Benzo(b)fluoranthene
Concen: 16.085 ng
RT: 23.110 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

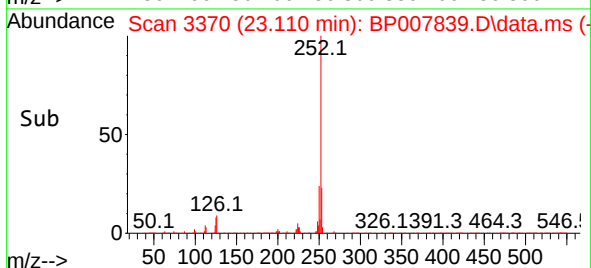
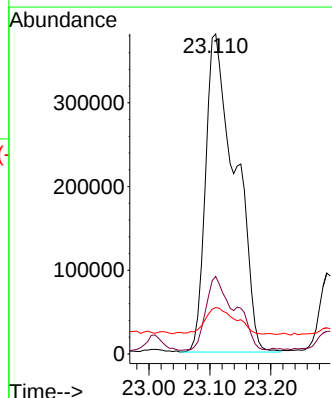
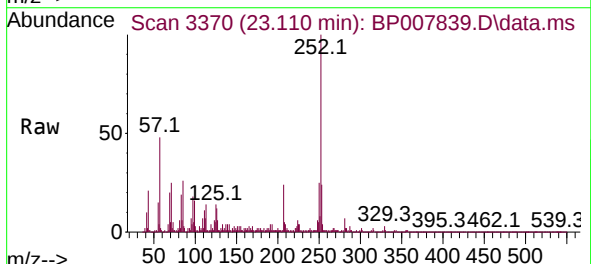
Instrument :
BNA_P
ClientSampleId :

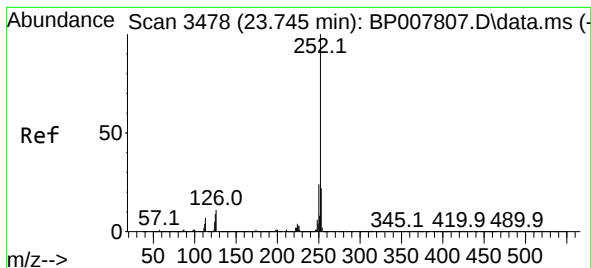
Tgt Ion:252 Resp: 1293848
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 14.5 7.4 11.0#



#89
Benzo(k)fluoranthene
Concen: 16.207 ng
RT: 23.110 min Scan# 3370
Delta R.T. -0.053 min
Lab File: BP007839.D
Acq: 04 Nov 2021 00:23

Tgt Ion:252 Resp: 1293848
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 14.5 7.4 11.0#





#90

Benzo(a)pyrene

Concen: 11.529 ng

RT: 23.739 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

Instrument :

BNA_P

ClientSampleId :

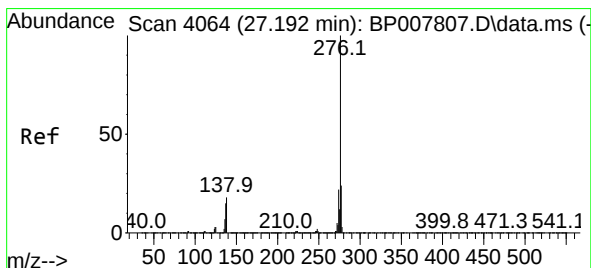
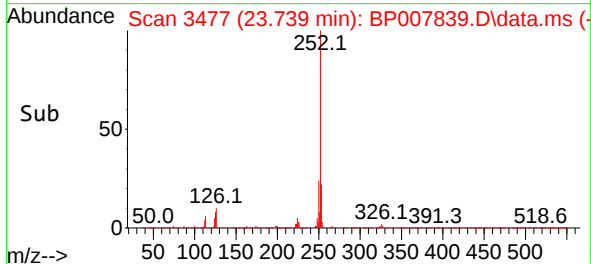
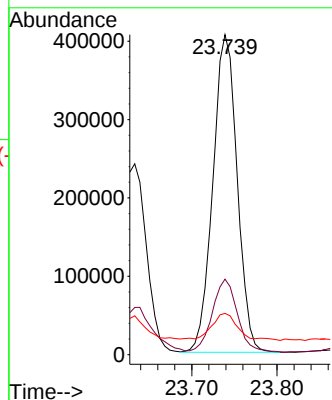
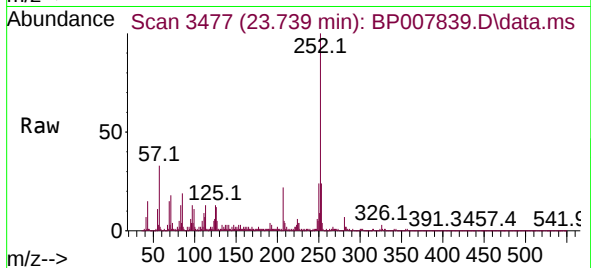
Tgt Ion:252 Resp: 802968

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

125 12.9 8.4 12.6#



#92

Benzo(g,h,i)perylene

Concen: 5.770 ng

RT: 27.168 min Scan# 4060

Delta R.T. -0.024 min

Lab File: BP007839.D

Acq: 04 Nov 2021 00:23

Tgt Ion:276 Resp: 482611

Ion Ratio Lower Upper

276 100

277 24.9 19.4 29.0

138 18.9 16.2 24.4

