

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007833.D
 Acq On : 03 Nov 2021 21:01
 Operator : CG/JU
 Sample : M4433-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 04 07:32:17 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)

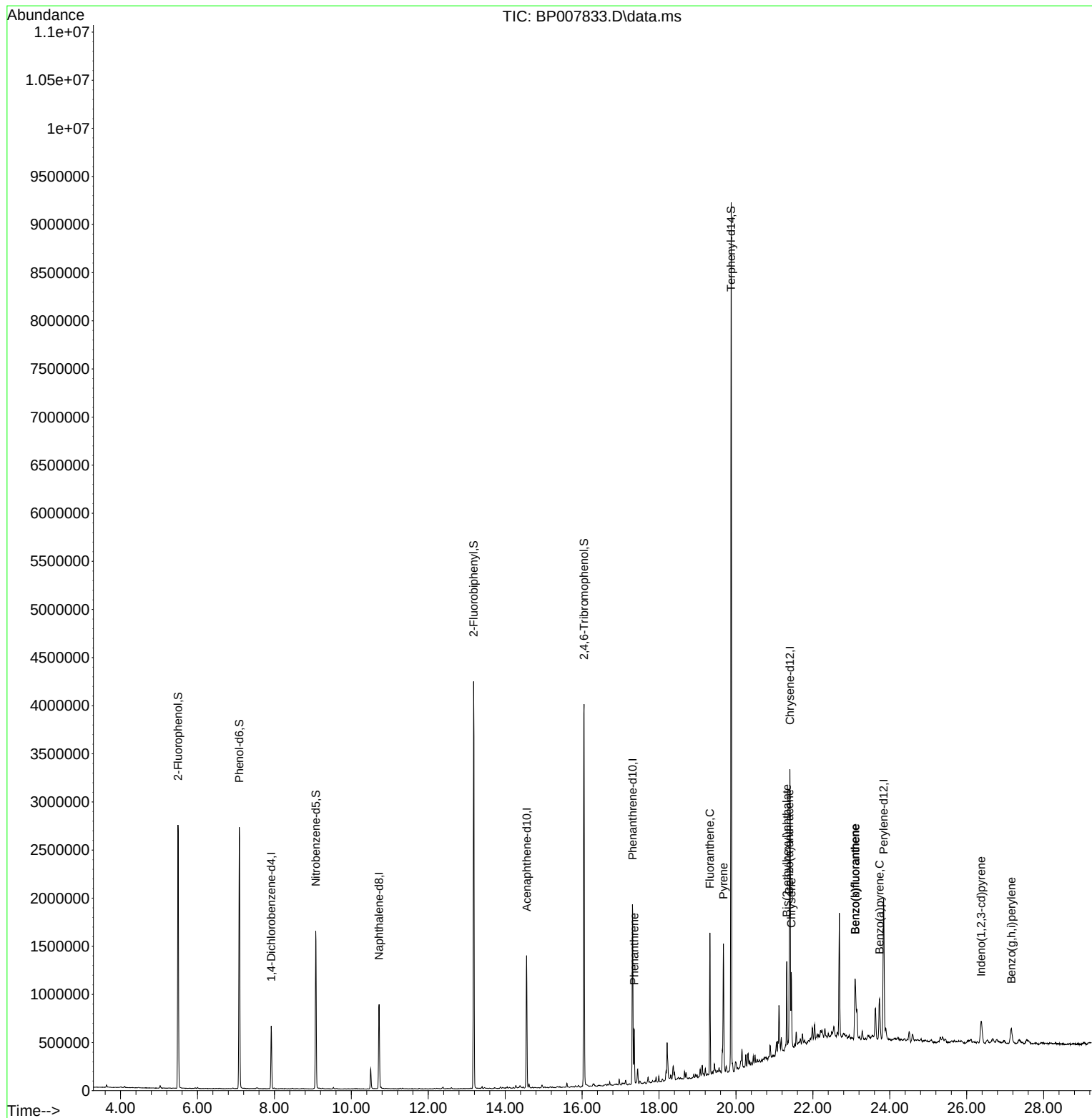
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	174409	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	728464	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	485306	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1134956	20.000	ng	-0.01
76) Chrysene-d12	21.404	240	1296990	20.000	ng	-0.01
86) Perylene-d12	23.839	264	1136278	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1214130	118.061	ng	0.00
7) Phenol-d6	7.087	99	1557487	104.635	ng	0.00
23) Nitrobenzene-d5	9.075	82	945266	69.704	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	753708	108.823	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2137531	64.142	ng	-0.01
79) Terphenyl-d14	19.875	244	4035109	63.352	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.381	88	24	Below Cal	Qvalue #	1
71) Phenanthrene	17.357	178	359482	6.025	ng	99
75) Fluoranthene	19.322	202	821169	10.910	ng	99
78) Pyrene	19.675	202	806126	10.134	ng	99
81) Benzo(a)anthracene	21.386	228	454787	5.322	ng	99
83) Chrysene	21.439	228	469341	5.802	ng	97
84) Bis(2-ethylhexyl)phtha...	21.321	149	317105	6.613	ng	98
87) Indeno(1,2,3-cd)pyrene	26.374	276	225214	2.659	ng	# 95
88) Benzo(b)fluoranthene	23.098	252	545557	8.145	ng	98
89) Benzo(k)fluoranthene	23.098	252	545557	8.207	ng	98
90) Benzo(a)pyrene	23.733	252	350529	6.044	ng	99
92) Benzo(g,h,i)perylene	27.162	276	215062	3.088	ng	97

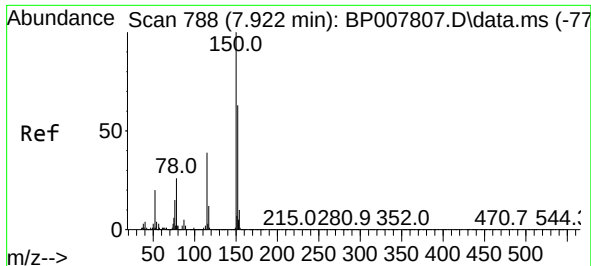
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007833.D
Acq On : 03 Nov 2021 21:01
Operator : CG/JU
Sample : M4433-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 04 07:32:17 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

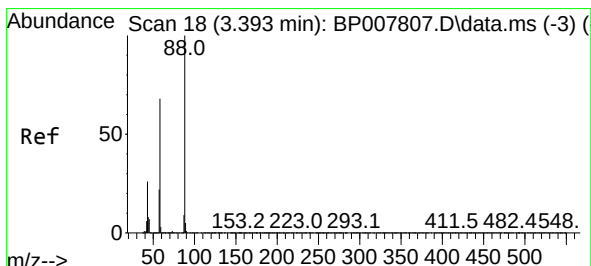
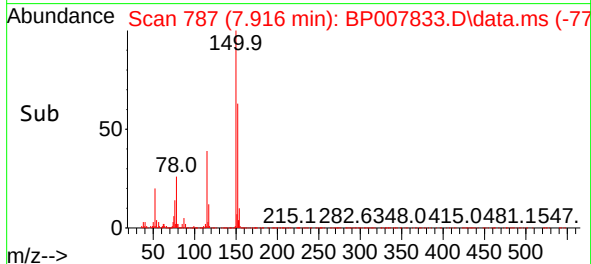
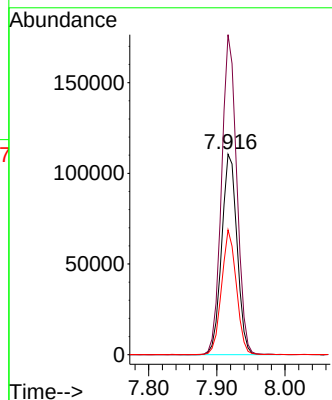
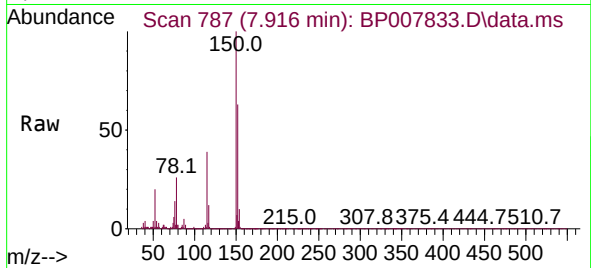




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.916 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BP007833.D
 Acq: 03 Nov 2021 21:01

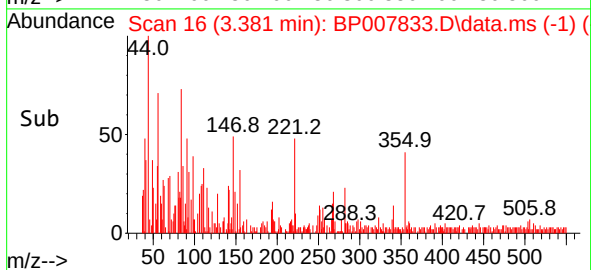
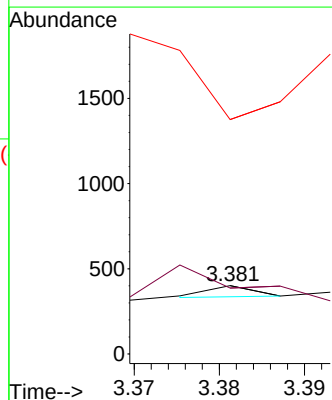
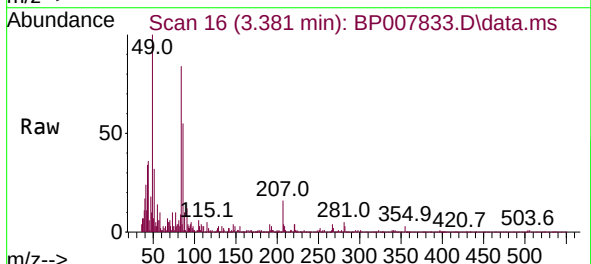
Instrument :
 BNA_P
 ClientSampleId :

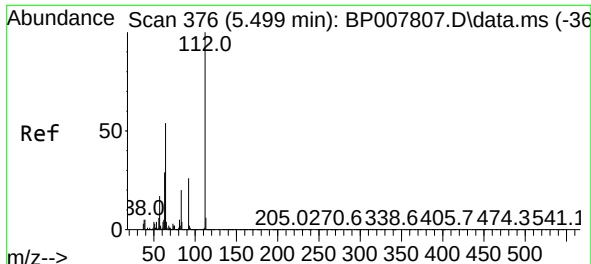
Tgt Ion:152 Resp: 174409
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.1 186.1
 115 62.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.381 min Scan# 16
 Delta R.T. -0.012 min
 Lab File: BP007833.D
 Acq: 03 Nov 2021 21:01

Tgt Ion: 88 Resp: 24
 Ion Ratio Lower Upper
 88 100
 58 637.5 58.1 87.1#
 43 2325.0 22.2 33.4#

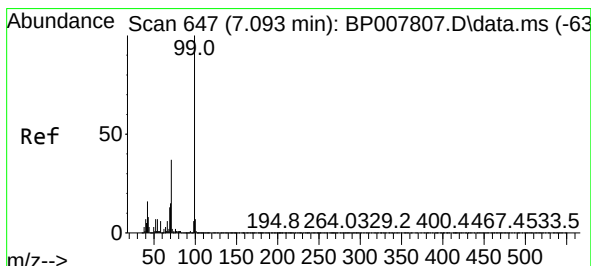
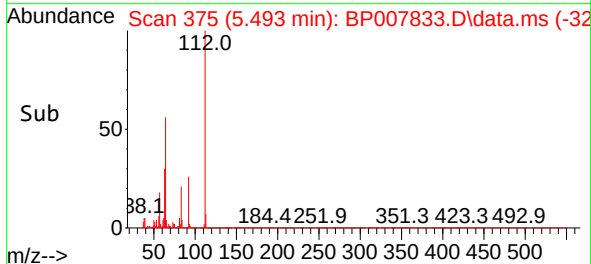
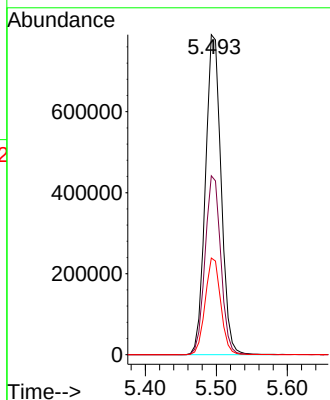
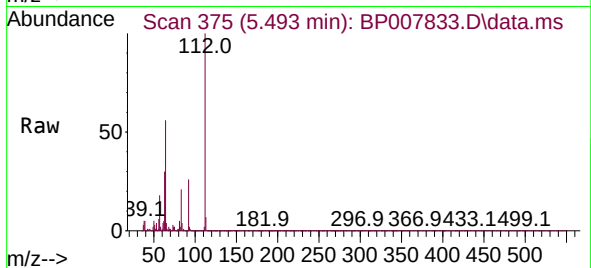




#5
2-Fluorophenol
Concen: 118.061 ng
RT: 5.493 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

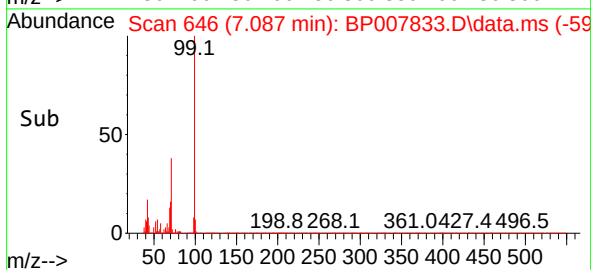
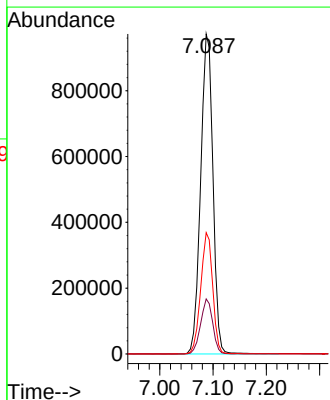
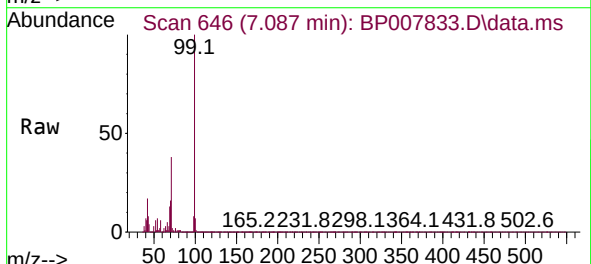
Instrument :
BNA_P
ClientSampleId :

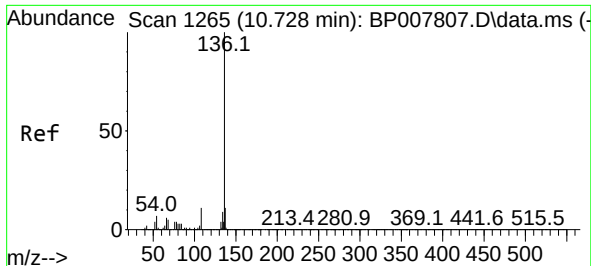
Tgt Ion:112 Resp: 1214130
Ion Ratio Lower Upper
112 100
64 55.9 46.6 70.0
63 30.2 25.0 37.6



#7
Phenol-d6
Concen: 104.635 ng
RT: 7.087 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Tgt Ion: 99 Resp: 1557487
Ion Ratio Lower Upper
99 100
42 17.2 14.9 22.3
71 37.9 29.2 43.8

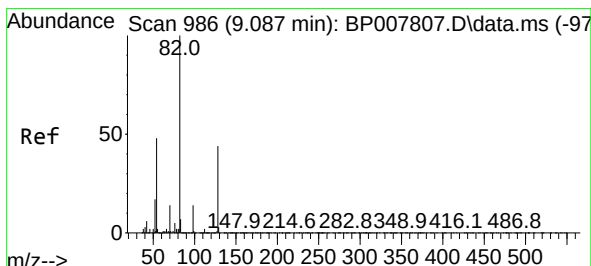
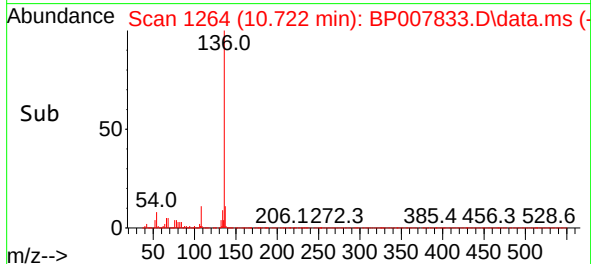
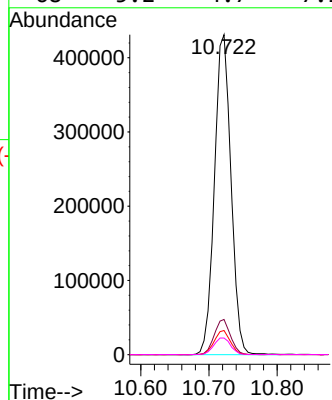
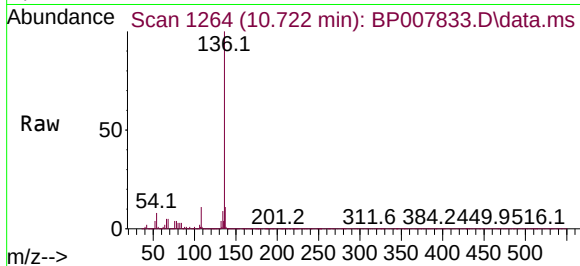




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

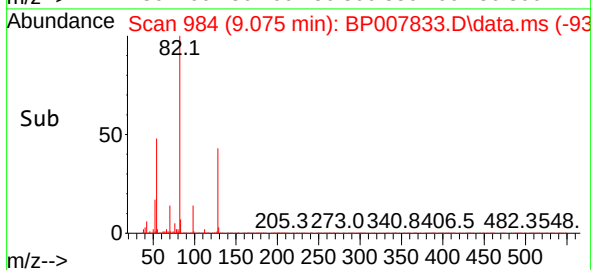
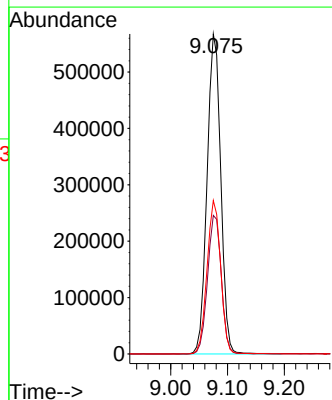
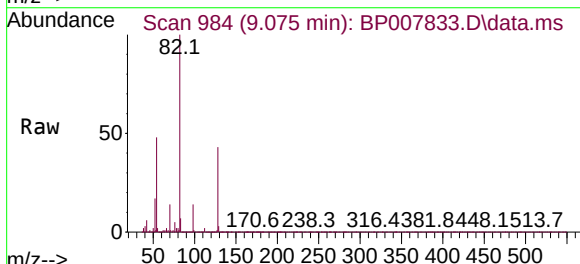
Instrument :
BNA_P
ClientSampleId :

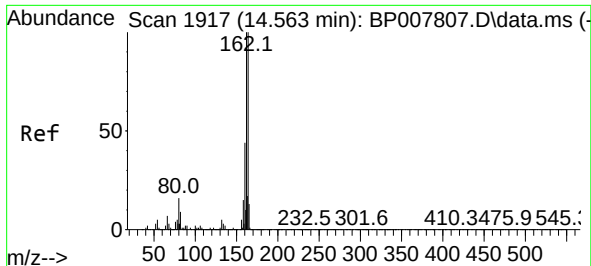
Tgt Ion:	136	Resp:	728464
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.5	6.2	9.4
68	5.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 69.704 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

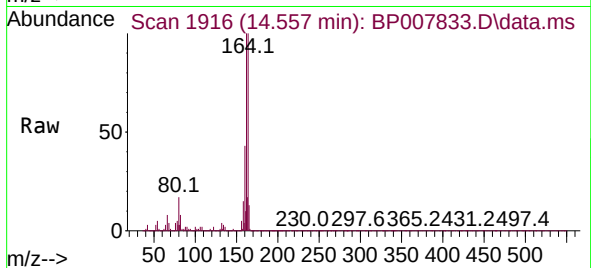
Tgt Ion:	82	Resp:	945266
Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.6	48.8
54	48.0	40.4	60.6



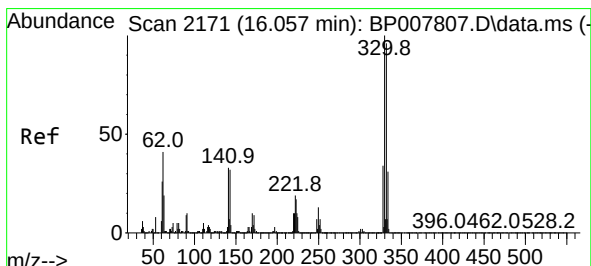
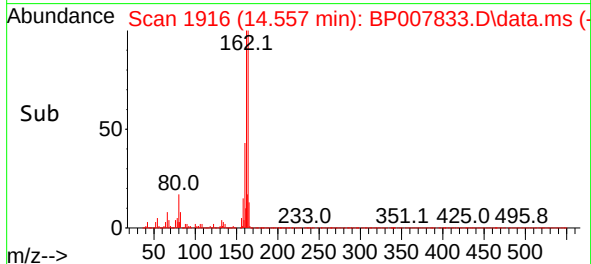
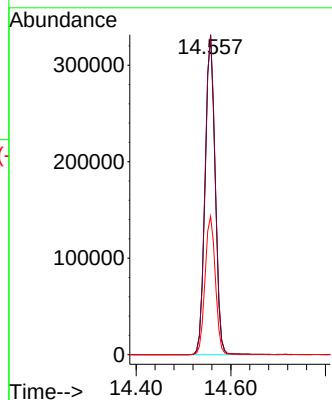


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :
BNA_P
ClientSampleId :

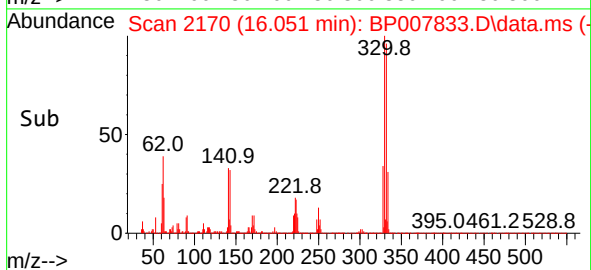
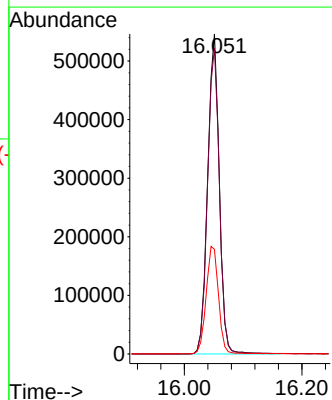
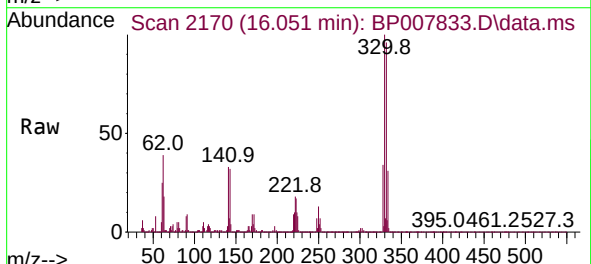


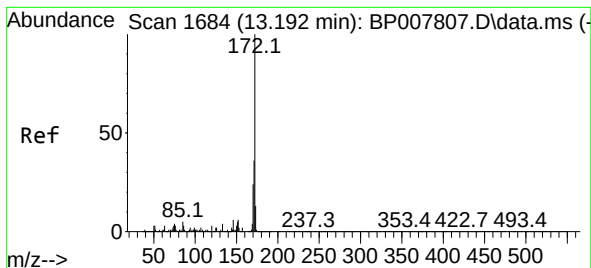
Tgt Ion:164 Resp: 485306
Ion Ratio Lower Upper
164 100
162 100.1 81.1 121.7
160 43.3 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 108.823 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Tgt Ion:330 Resp: 753708
Ion Ratio Lower Upper
330 100
332 97.0 78.9 118.3
141 35.4 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 64.142 ng

RT: 13.181 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP007833.D

Acq: 03 Nov 2021 21:01

Instrument :

BNA_P

ClientSampleId :

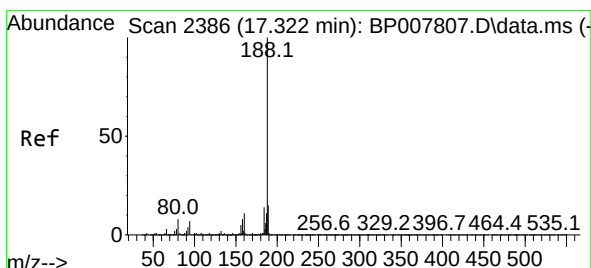
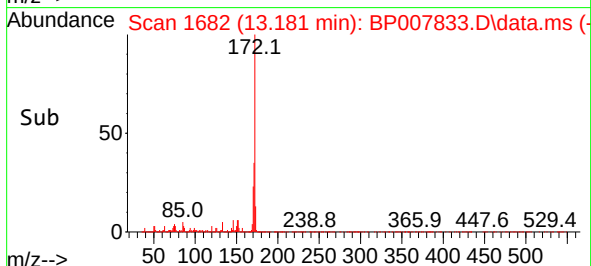
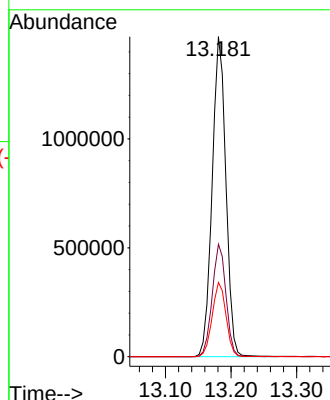
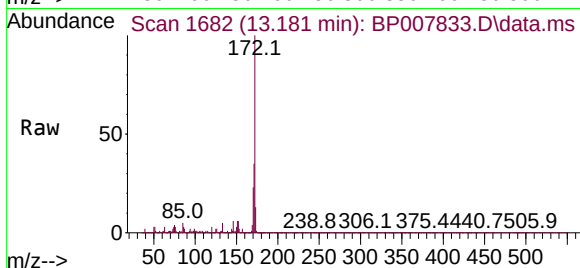
Tgt Ion:172 Resp: 2137531

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.2 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2384

Delta R.T. -0.012 min

Lab File: BP007833.D

Acq: 03 Nov 2021 21:01

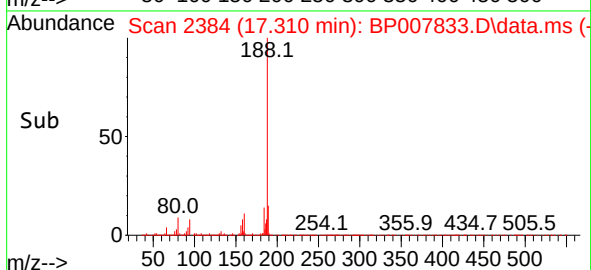
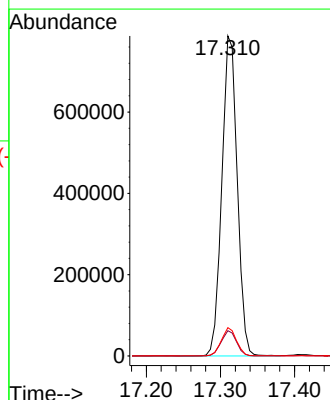
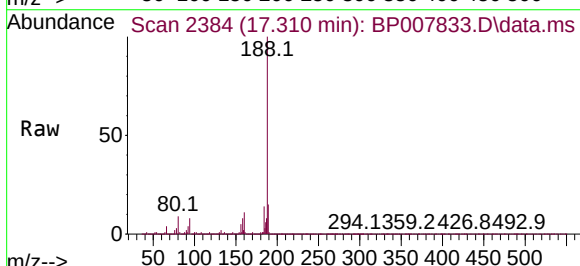
Tgt Ion:188 Resp: 1134956

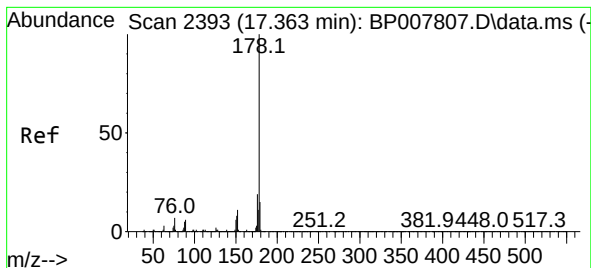
Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

80 8.8 7.8 11.6





#71

Phenanthrene

Concen: 6.025 ng

RT: 17.357 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP007833.D

Acq: 03 Nov 2021 21:01

Instrument :

BNA_P

ClientSampleId :

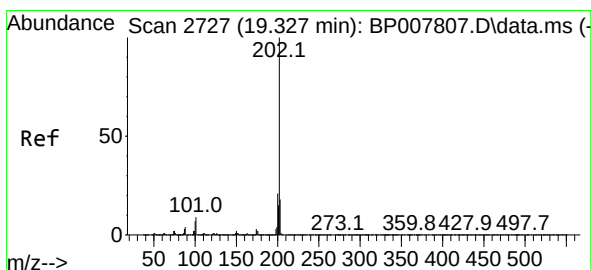
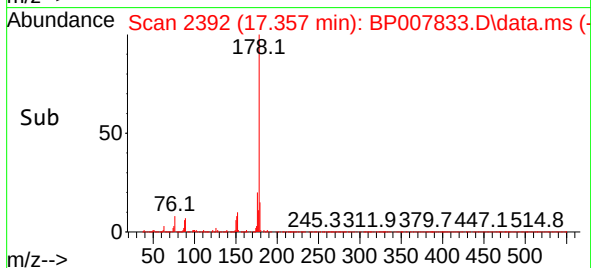
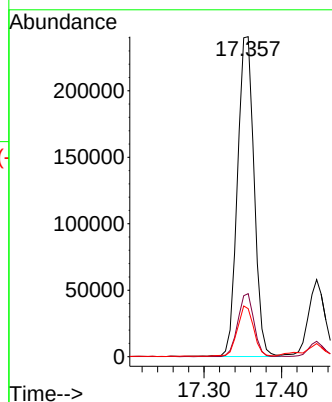
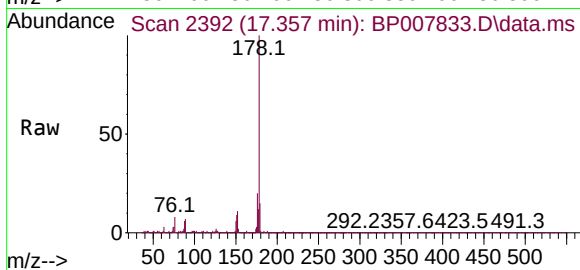
Tgt Ion:178 Resp: 359482

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

179 15.0 12.3 18.5



#75

Fluoranthene

Concen: 10.910 ng

RT: 19.322 min Scan# 2726

Delta R.T. -0.006 min

Lab File: BP007833.D

Acq: 03 Nov 2021 21:01

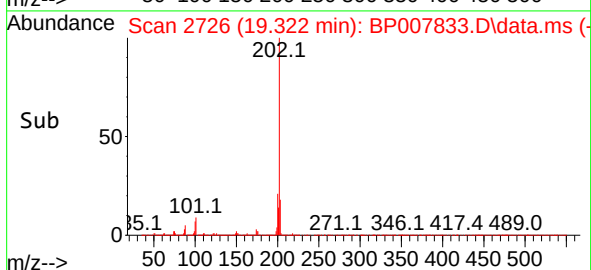
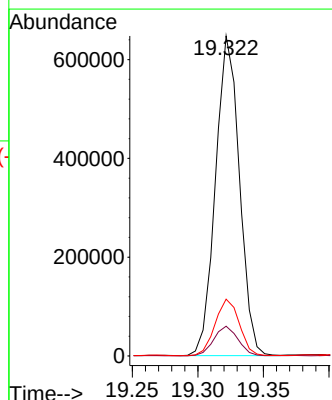
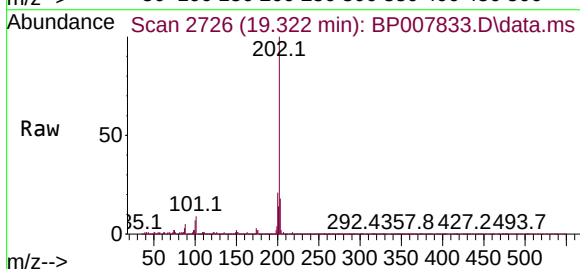
Tgt Ion:202 Resp: 821169

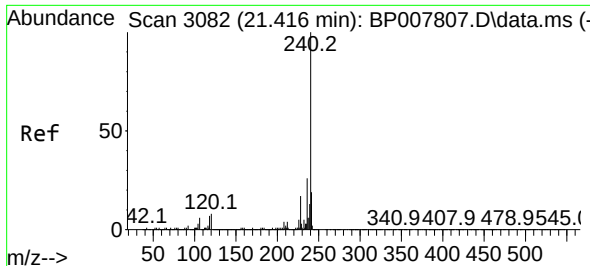
Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.4

203 17.7 0.0 37.6

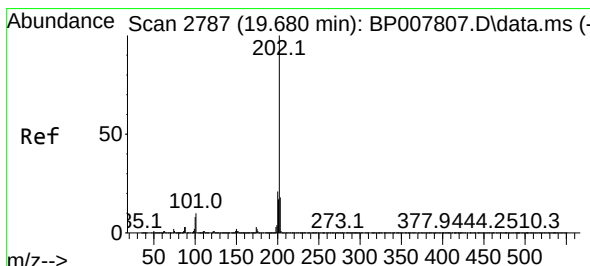
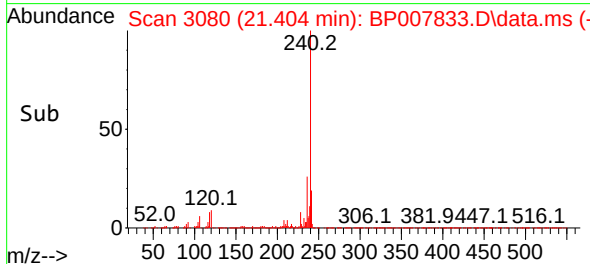
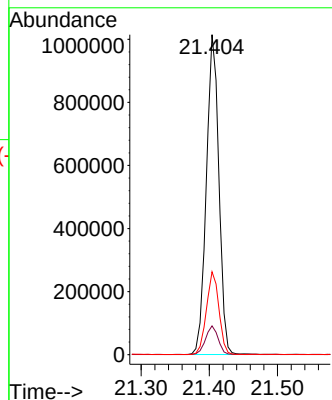
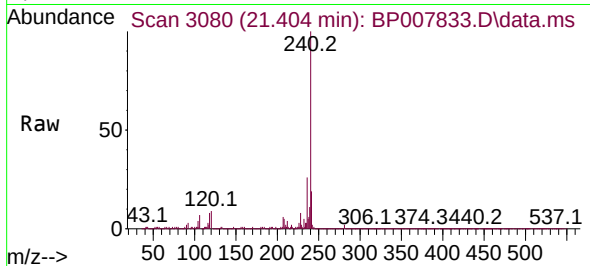




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

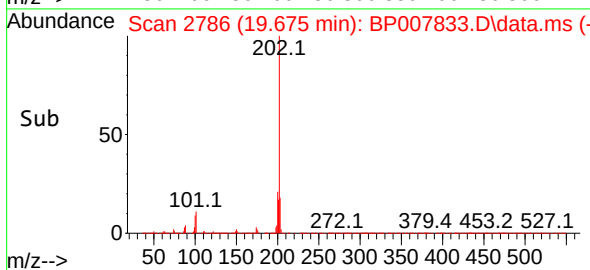
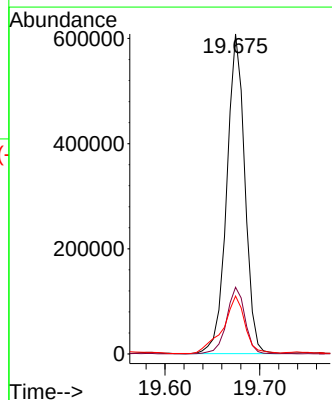
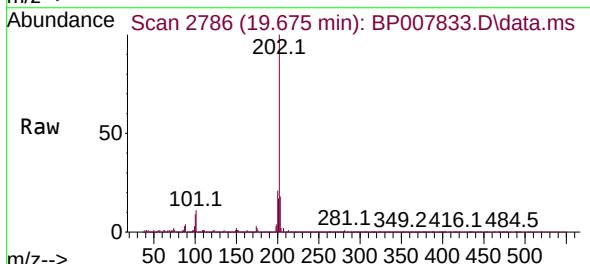
Instrument :
BNA_P
ClientSampleId :

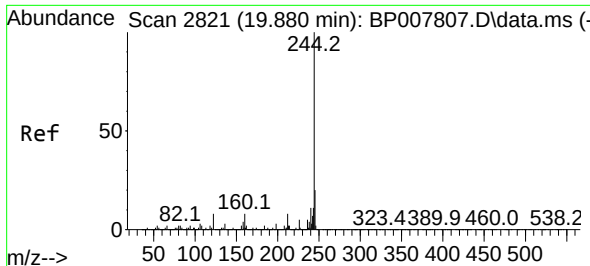
Tgt Ion:240 Resp: 1296990
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.8
236 25.9 20.6 30.8



#78
Pyrene
Concen: 10.134 ng
RT: 19.675 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

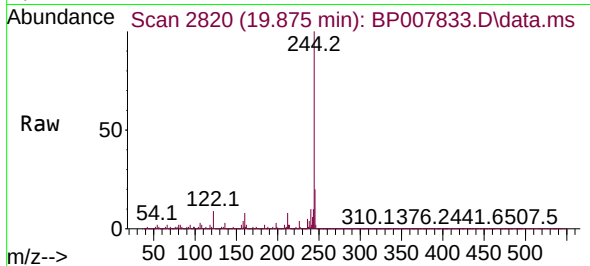
Tgt Ion:202 Resp: 806126
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 18.1 13.8 20.6



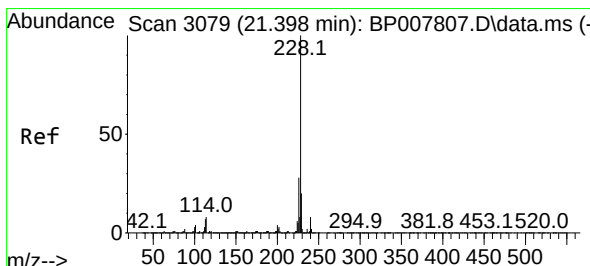
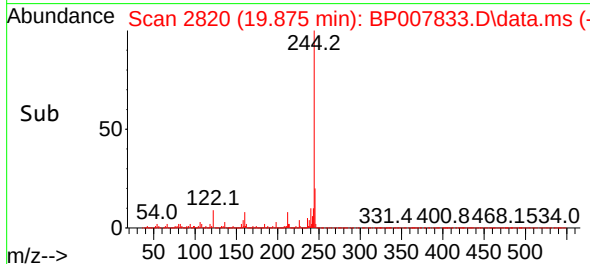
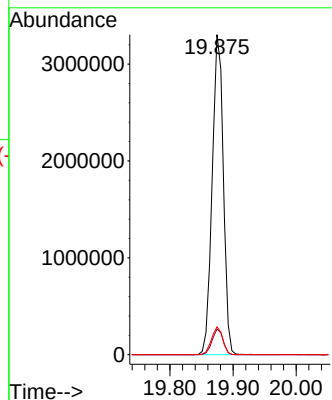


#79
 Terphenyl-d14
 Concen: 63.352 ng
 RT: 19.875 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP007833.D
 Acq: 03 Nov 2021 21:01

Instrument :
 BNA_P
 ClientSampleId :

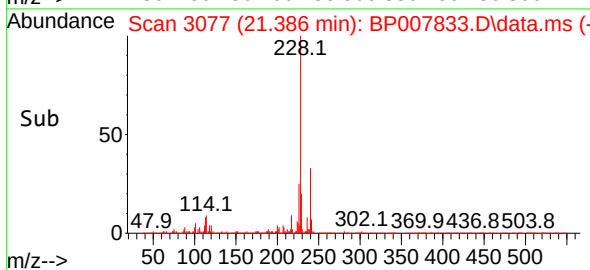
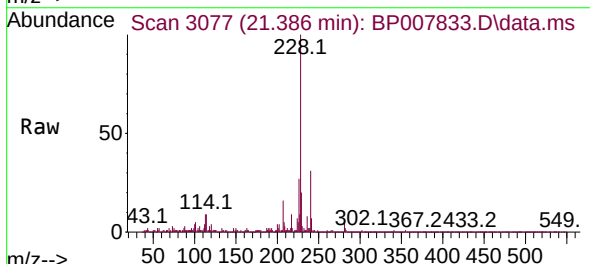
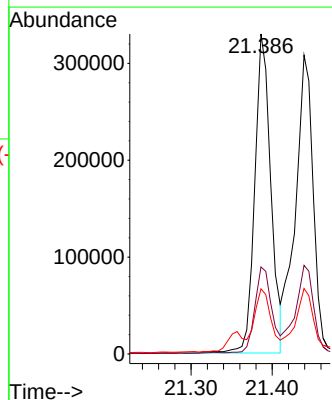


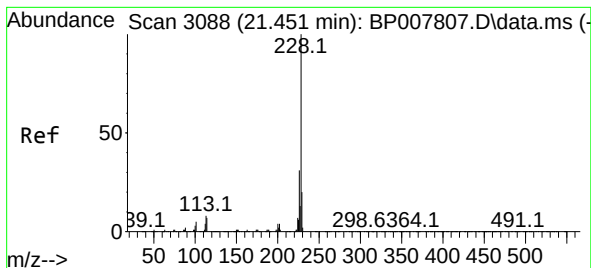
Tgt Ion:244 Resp: 4035109
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 8.7 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 5.322 ng
 RT: 21.386 min Scan# 3077
 Delta R.T. -0.012 min
 Lab File: BP007833.D
 Acq: 03 Nov 2021 21:01

Tgt Ion:228 Resp: 454787
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.8 32.6
 229 20.4 15.7 23.5





#83

Chrysene

Concen: 5.802 ng

RT: 21.439 min Scan# 3088

Delta R.T. -0.012 min

Lab File: BP007833.D

Acq: 03 Nov 2021 21:01

Instrument :

BNA_P

ClientSampleId :

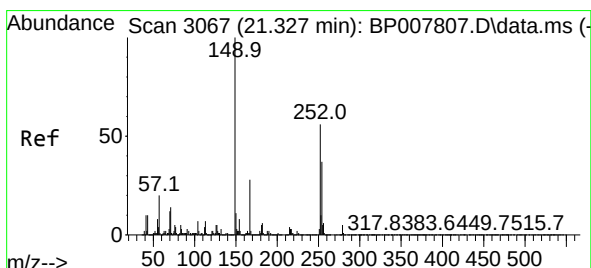
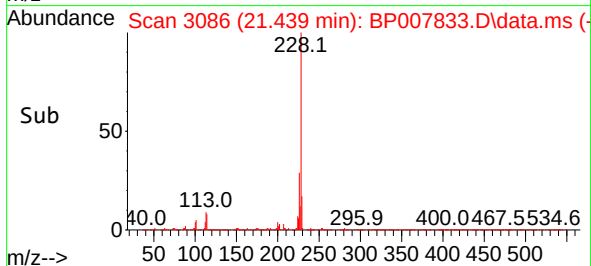
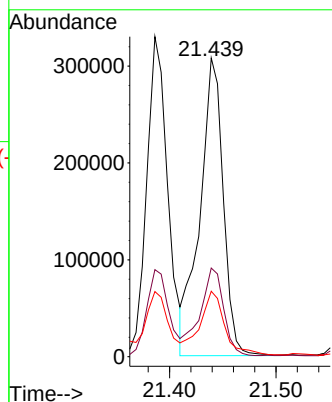
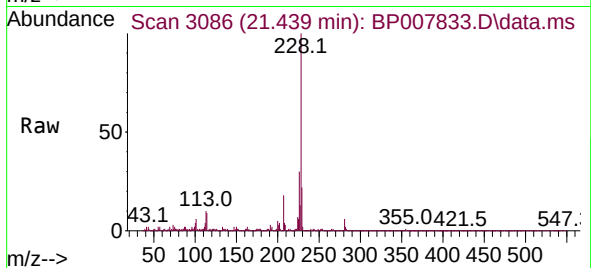
Tgt Ion:228 Resp: 469341

Ion Ratio Lower Upper

228 100

226 29.7 24.6 37.0

229 21.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.613 ng

RT: 21.321 min Scan# 3066

Delta R.T. -0.006 min

Lab File: BP007833.D

Acq: 03 Nov 2021 21:01

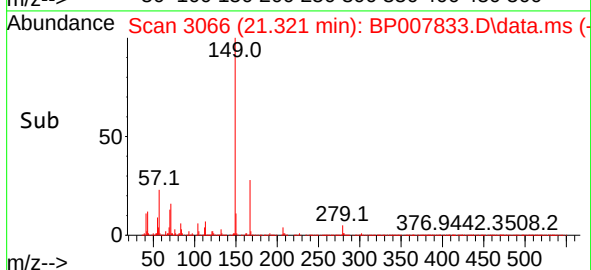
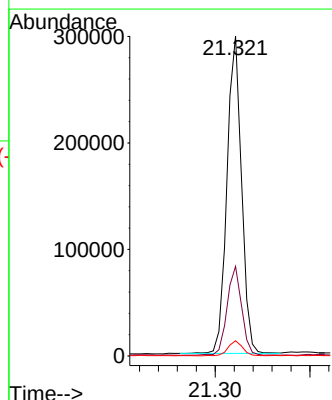
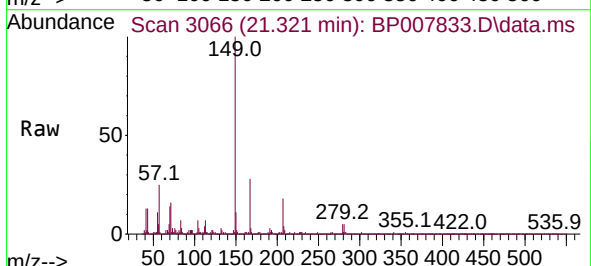
Tgt Ion:149 Resp: 317105

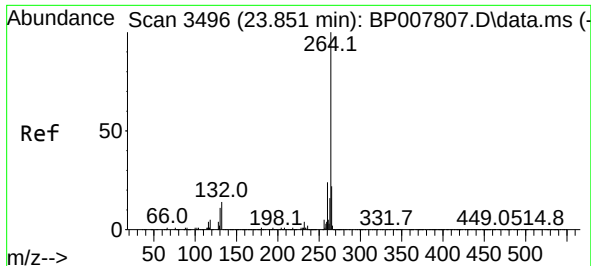
Ion Ratio Lower Upper

149 100

167 28.0 21.6 32.4

279 4.8 3.3 4.9

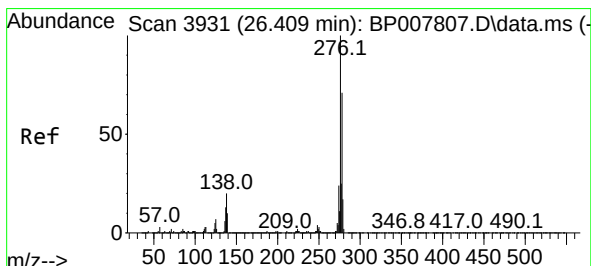
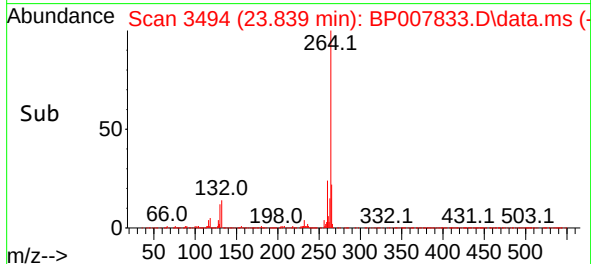
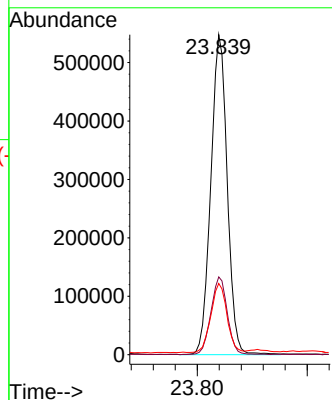
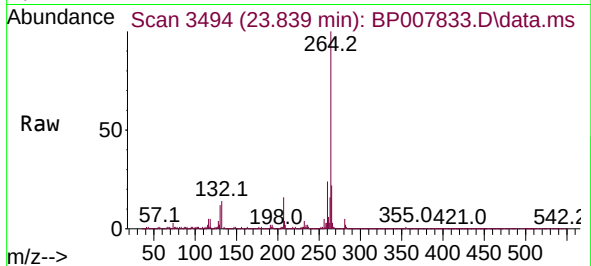




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3496
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

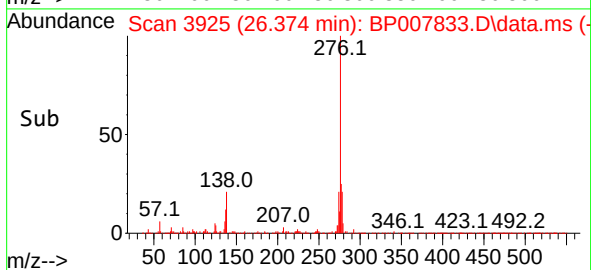
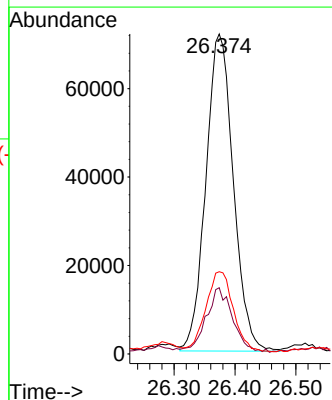
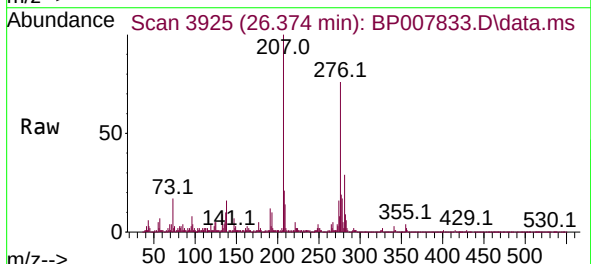
Instrument :
BNA_P
ClientSampleId :

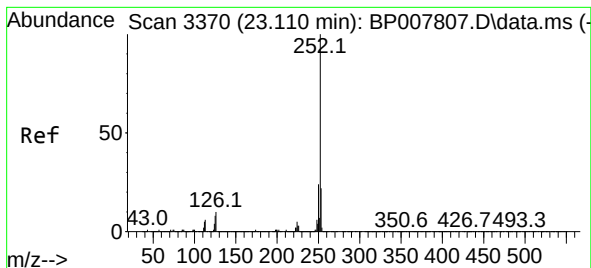
Tgt Ion:264 Resp: 1136278
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.3 16.7 25.1



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.659 ng
RT: 26.374 min Scan# 3925
Delta R.T. -0.035 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Tgt Ion:276 Resp: 225214
Ion Ratio Lower Upper
276 100
138 19.0 19.4 29.0#
277 25.2 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 8.145 ng

RT: 23.098 min Scan# 3368

Delta R.T. -0.012 min

Lab File: BP007833.D

Acq: 03 Nov 2021 21:01

Instrument :

BNA_P

ClientSampleId :

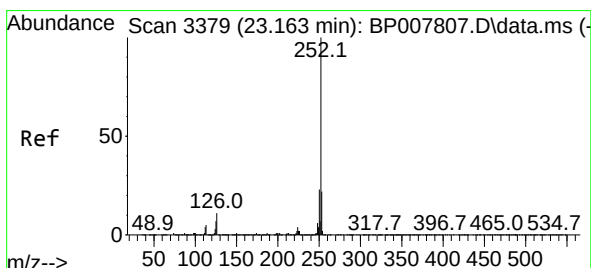
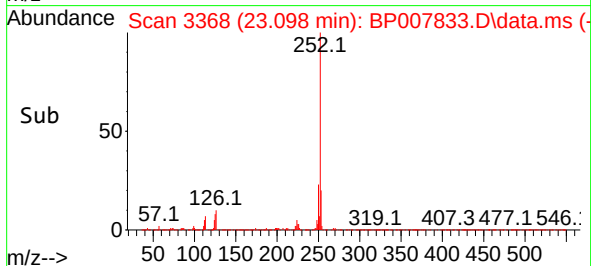
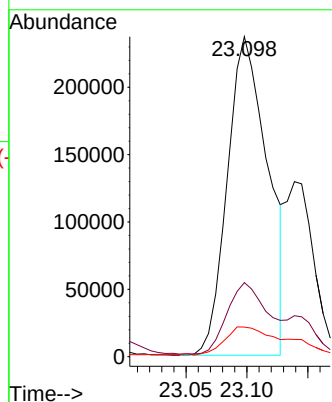
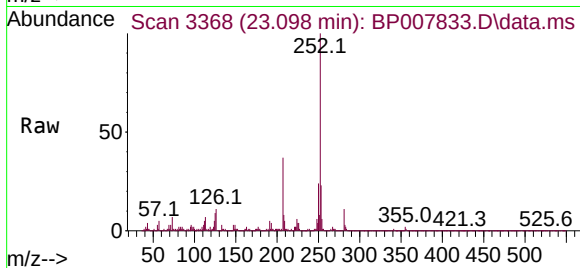
Tgt Ion:252 Resp: 545557

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 9.2 7.4 11.0



#89

Benzo(k)fluoranthene

Concen: 8.207 ng

RT: 23.098 min Scan# 3368

Delta R.T. -0.065 min

Lab File: BP007833.D

Acq: 03 Nov 2021 21:01

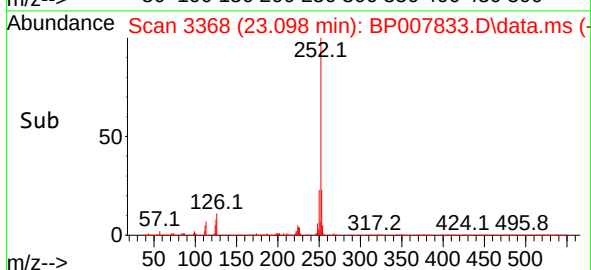
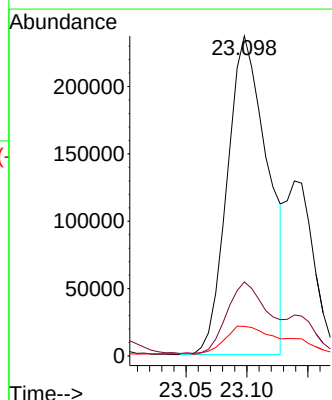
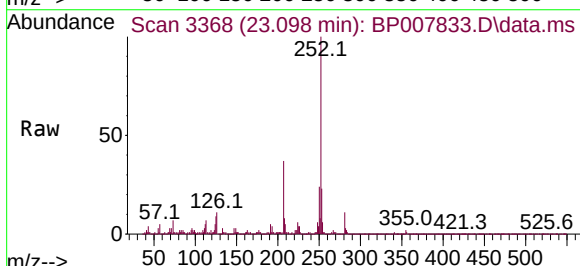
Tgt Ion:252 Resp: 545557

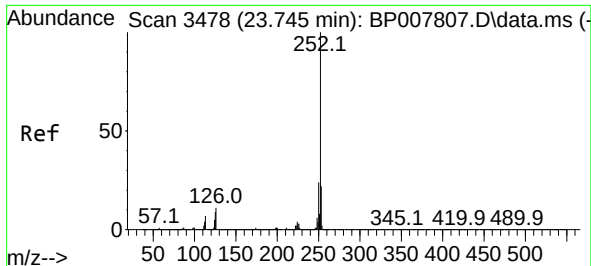
Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 9.2 7.4 11.0

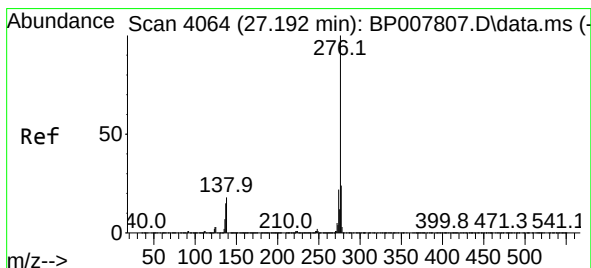
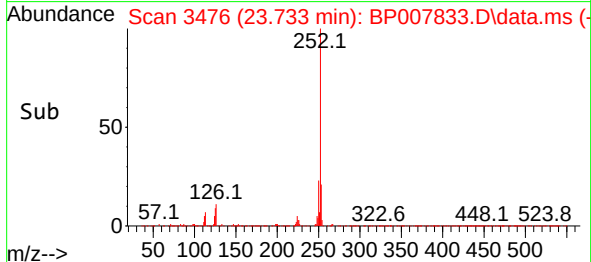
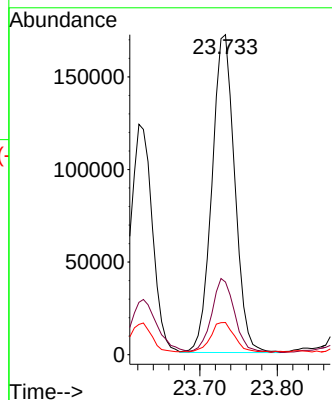
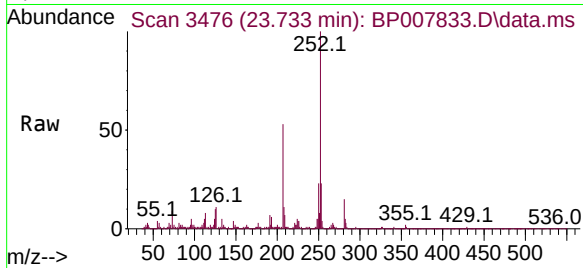




#90
Benzo(a)pyrene
Concen: 6.044 ng
RT: 23.733 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 350529
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.1 8.4 12.6



#92
Benzo(g,h,i)perylene
Concen: 3.088 ng
RT: 27.162 min Scan# 4059
Delta R.T. -0.029 min
Lab File: BP007833.D
Acq: 03 Nov 2021 21:01

Tgt Ion:276 Resp: 215062
Ion Ratio Lower Upper
276 100
277 26.0 19.4 29.0
138 19.3 16.2 24.4

