

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007834.D
 Acq On : 03 Nov 2021 21:34
 Operator : CG/JU
 Sample : M4407-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 04 07:32:41 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)

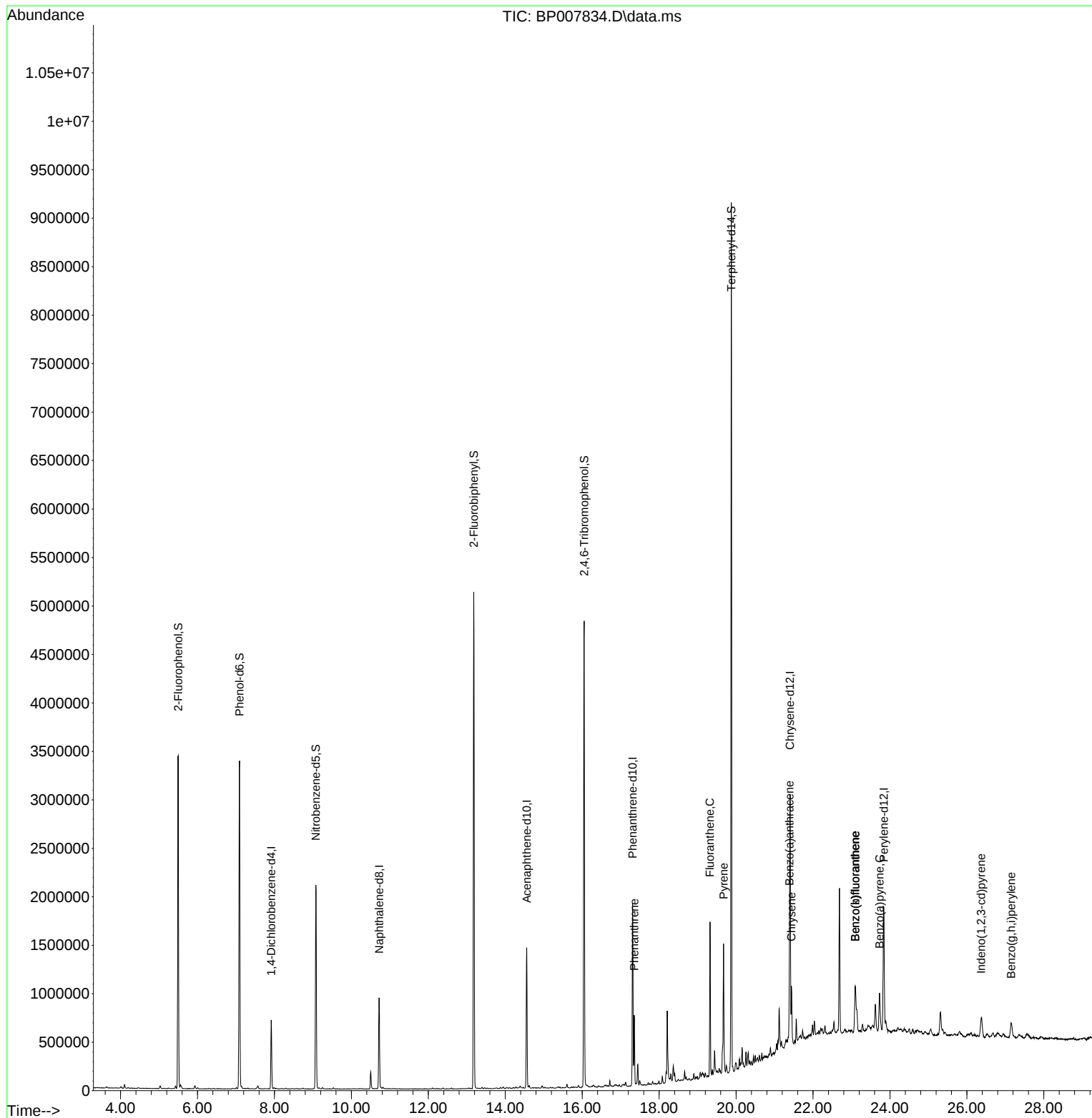
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	192807	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	777943	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	506595	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1147391	20.000	ng	-0.01
76) Chrysene-d12	21.404	240	1180130	20.000	ng	-0.01
86) Perylene-d12	23.839	264	1002945	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1564432	137.608	ng	0.00
7) Phenol-d6	7.093	99	1968736	119.643	ng	0.00
23) Nitrobenzene-d5	9.075	82	1227759	84.777	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	933859	129.167	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2640565	75.907	ng	-0.01
79) Terphenyl-d14	19.875	244	4039472	69.700	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	472	Below Cal	#	66
71) Phenanthrene	17.351	178	449189	7.447	ng	99
75) Fluoranthene	19.322	202	859535	11.296	ng	98
78) Pyrene	19.675	202	801049	11.067	ng	99
81) Benzo(a)anthracene	21.386	228	410332	5.278	ng	99
83) Chrysene	21.439	228	347876	4.726	ng	98
87) Indeno(1,2,3-cd)pyrene	26.368	276	209937	2.808	ng	95
88) Benzo(b)fluoranthene	23.098	252	427671	7.234	ng	95
89) Benzo(k)fluoranthene	23.098	252	427671	7.289	ng	95
90) Benzo(a)pyrene	23.727	252	312939	6.113	ng	97
92) Benzo(g,h,i)perylene	27.151	276	210806	3.429	ng	99

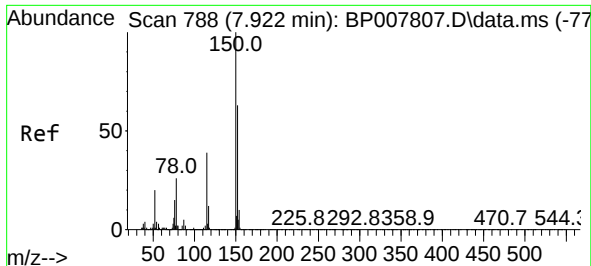
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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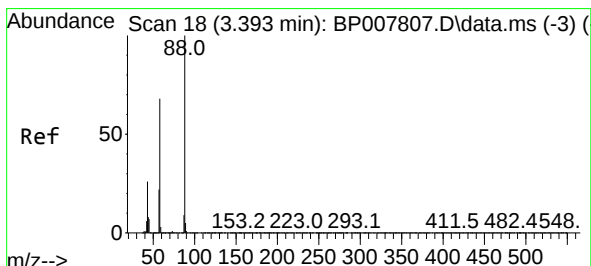
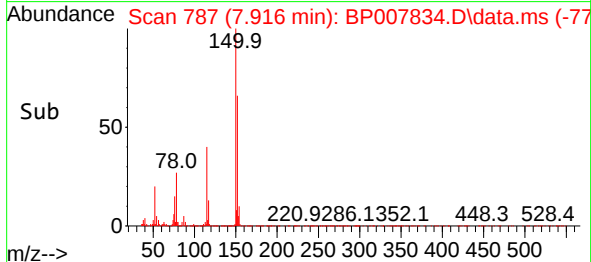
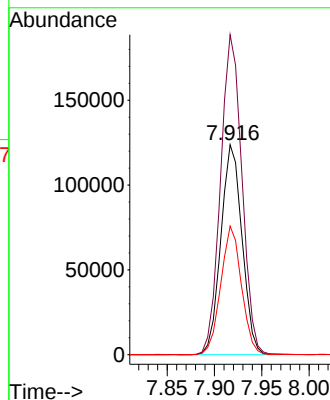
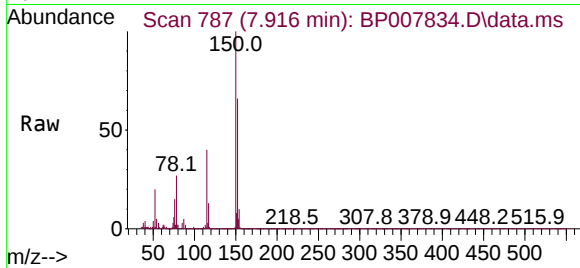




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

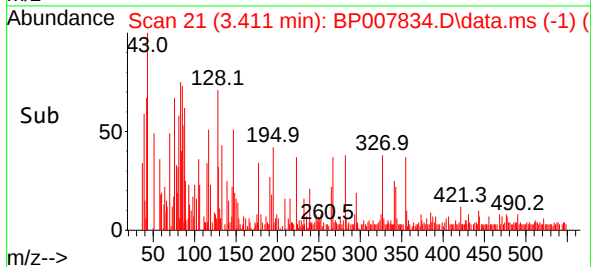
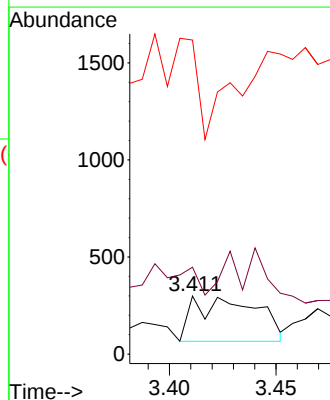
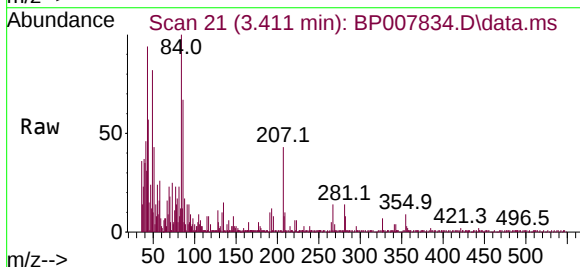
Instrument :
BNA_P
ClientSampleId :

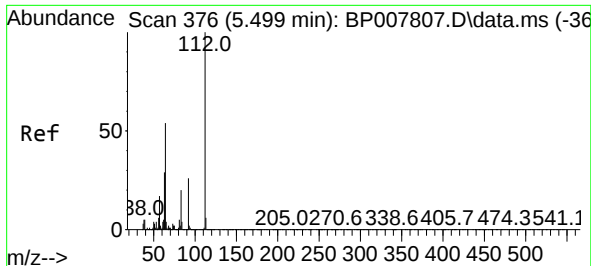
Tgt Ion:152 Resp: 192807
Ion Ratio Lower Upper
152 100
150 152.4 124.1 186.1
115 61.2 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.411 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

Tgt Ion: 88 Resp: 472
Ion Ratio Lower Upper
88 100
58 66.5 58.1 87.1
43 82.4 22.2 33.4#

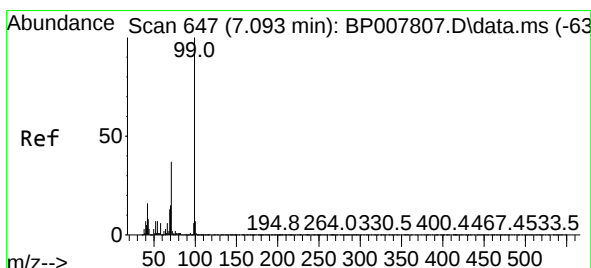
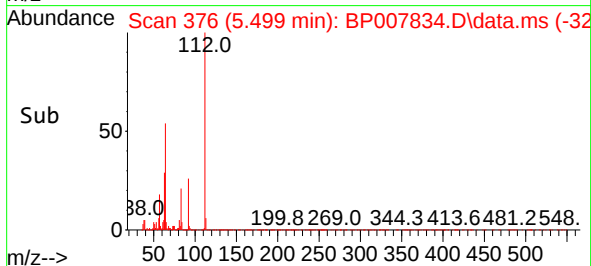
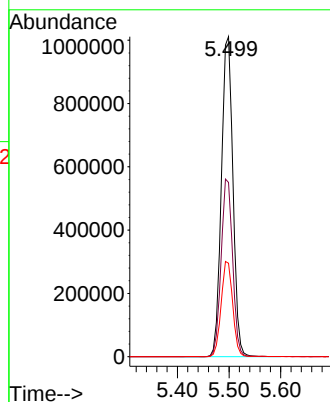
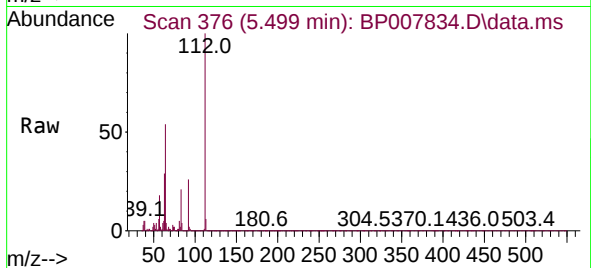




#5
2-Fluorophenol
Concen: 137.608 ng
RT: 5.499 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

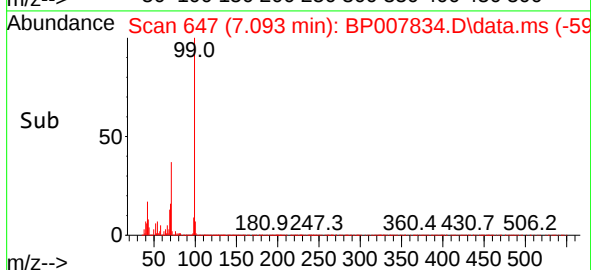
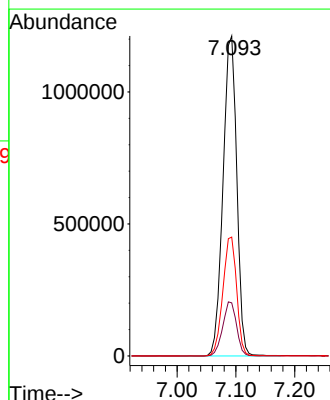
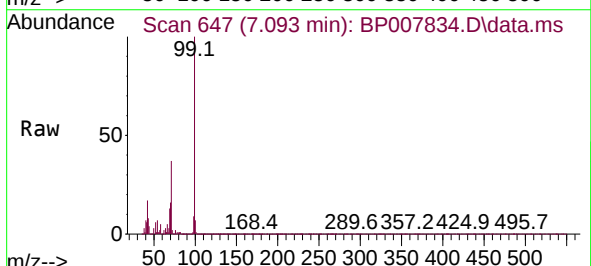
Instrument :
BNA_P
ClientSampleId :

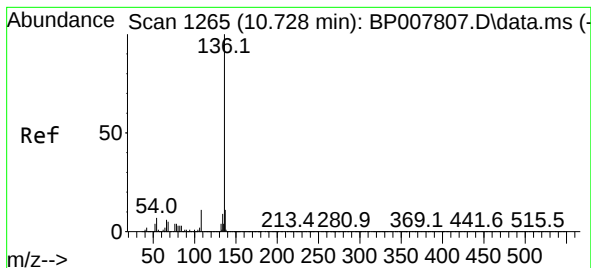
Tgt Ion:112 Resp: 1564432
Ion Ratio Lower Upper
112 100
64 54.4 46.6 70.0
63 29.2 25.0 37.6



#7
Phenol-d6
Concen: 119.643 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

Tgt Ion: 99 Resp: 1968736
Ion Ratio Lower Upper
99 100
42 16.6 14.9 22.3
71 37.2 29.2 43.8



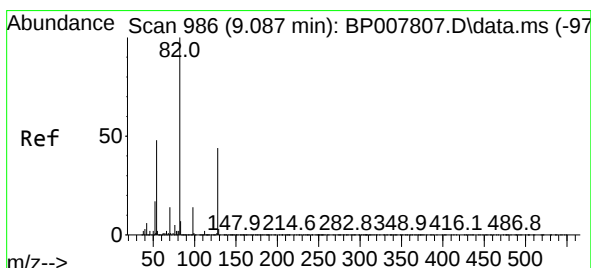
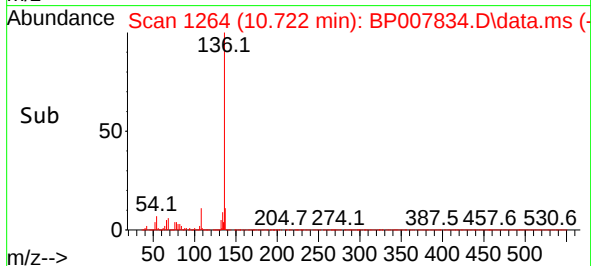
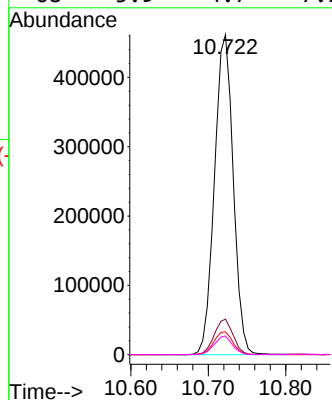
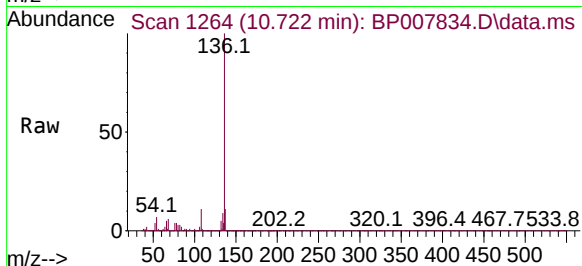


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 777943

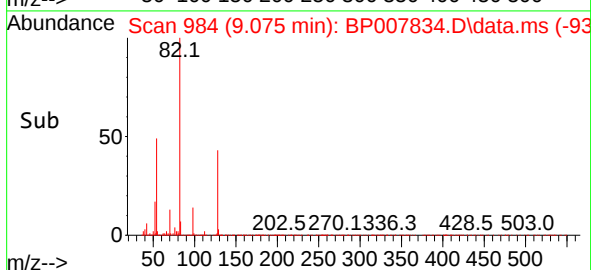
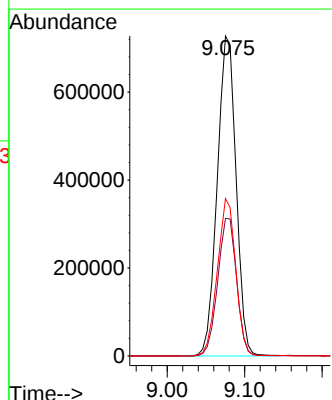
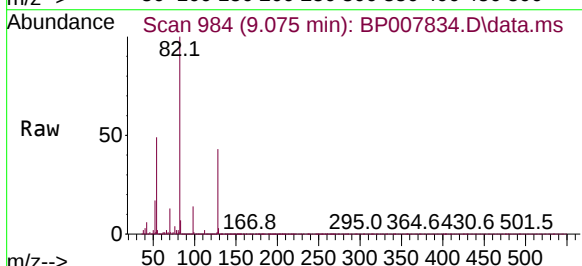
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.2	6.2	9.4
68	5.9	4.7	7.1

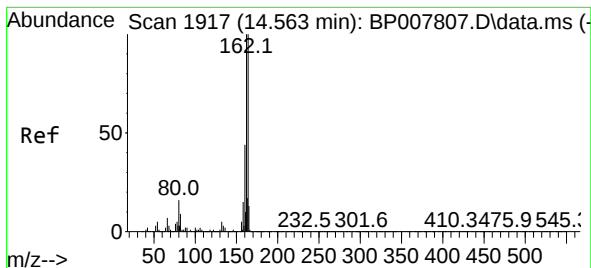


#23
Nitrobenzene-d5
Concen: 84.777 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

Tgt Ion: 82 Resp: 1227759

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.6	48.8
54	49.2	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: BP007834.D

Acq: 03 Nov 2021 21:34

Instrument :

BNA_P

ClientSampleId :

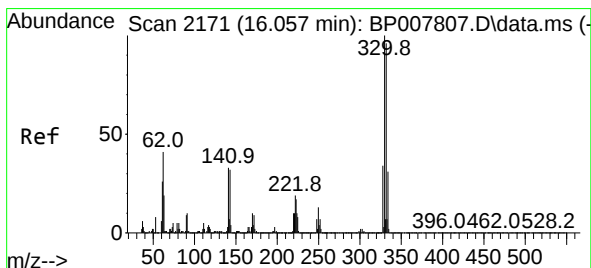
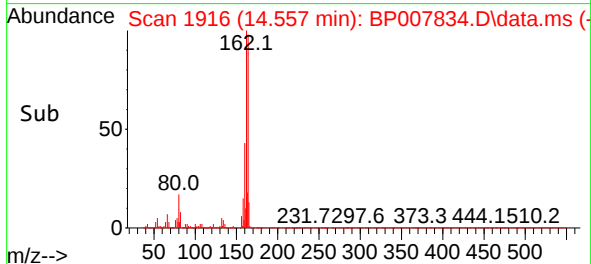
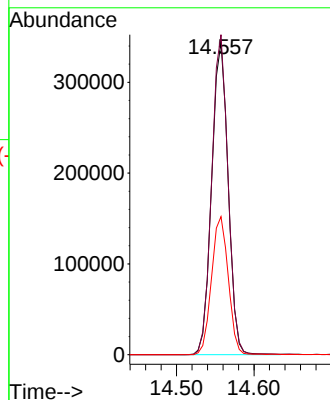
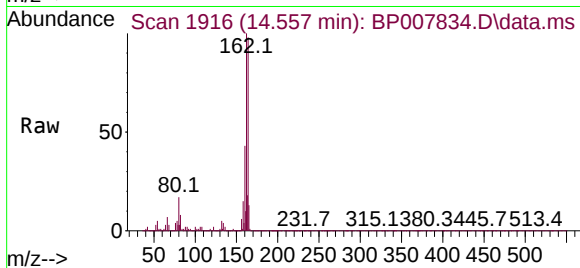
Tgt Ion:164 Resp: 506595

Ion Ratio Lower Upper

164 100

162 102.5 81.1 121.7

160 44.2 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 129.167 ng

RT: 16.051 min Scan# 2170

Delta R.T. -0.006 min

Lab File: BP007834.D

Acq: 03 Nov 2021 21:34

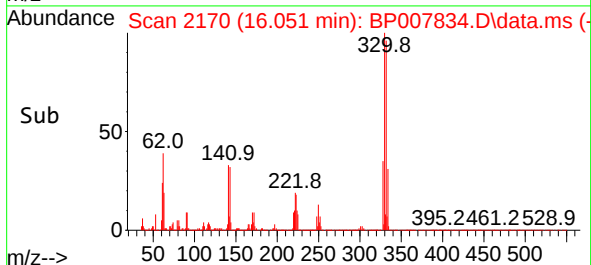
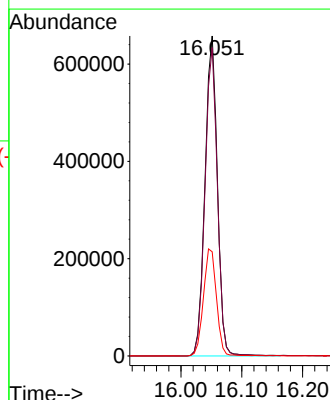
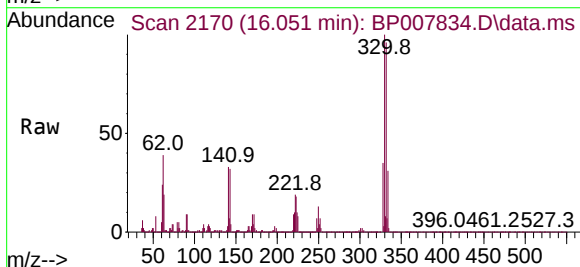
Tgt Ion:330 Resp: 933859

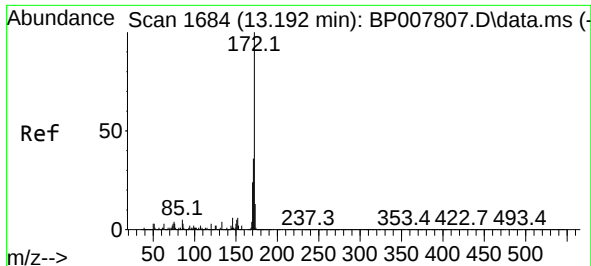
Ion Ratio Lower Upper

330 100

332 96.3 78.9 118.3

141 35.1 30.7 46.1

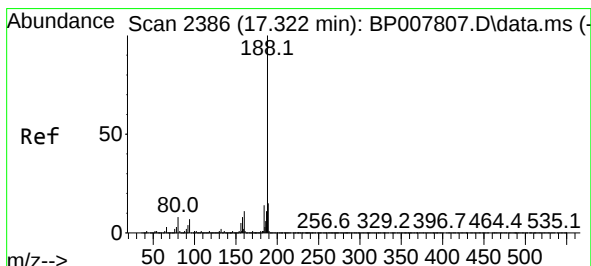
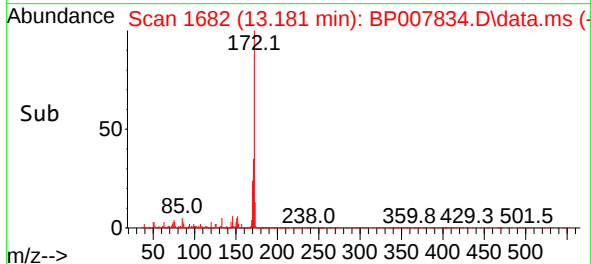
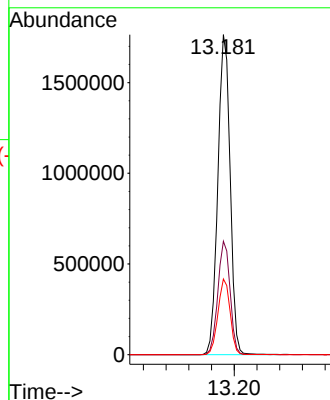
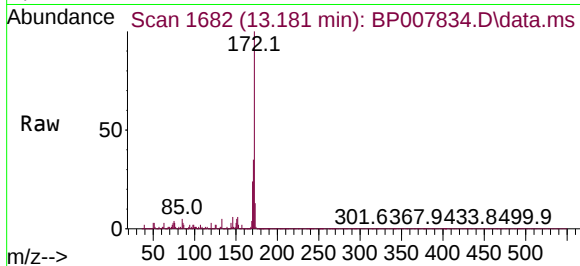




#45
2-Fluorobiphenyl
Concen: 75.907 ng
RT: 13.181 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

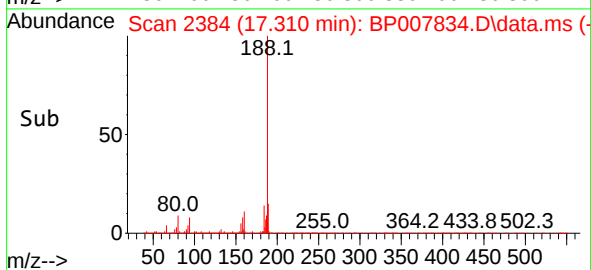
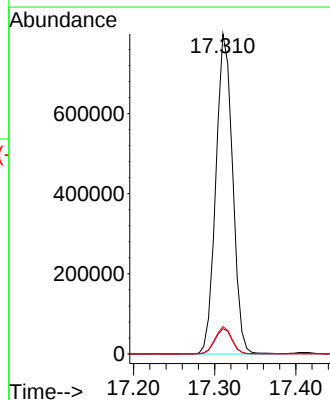
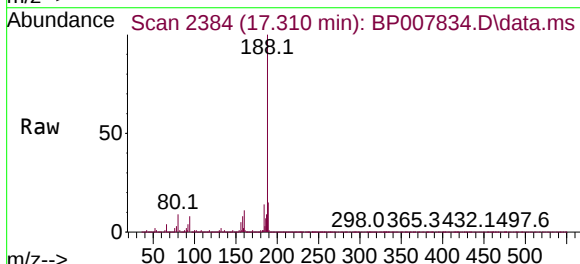
Instrument :
BNA_P
ClientSampleId :

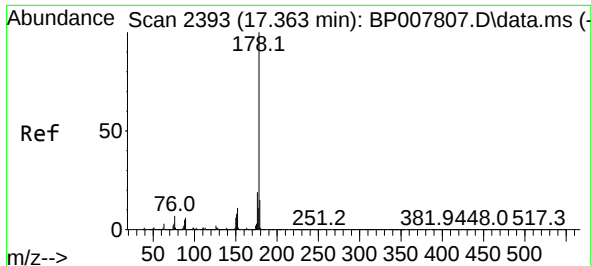
Tgt Ion:172 Resp: 2640565
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.6 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.012 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

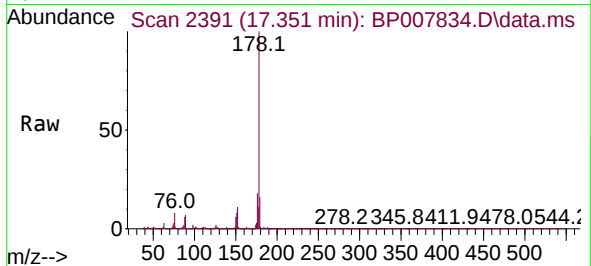
Tgt Ion:188 Resp: 1147391
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.5 7.8 11.6



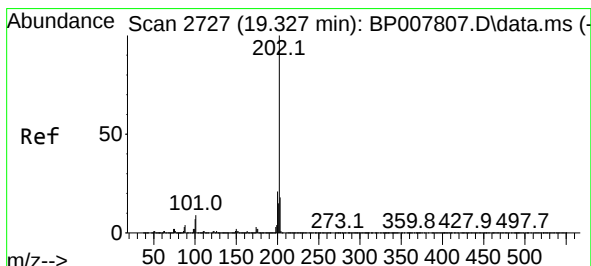
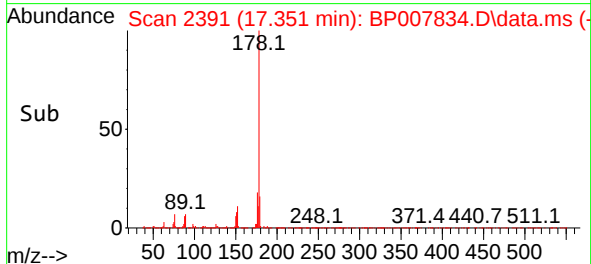
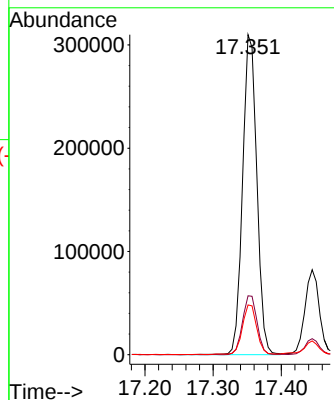


#71
Phenanthrene
Concen: 7.447 ng
RT: 17.351 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

Instrument :
BNA_P
ClientSampleId :

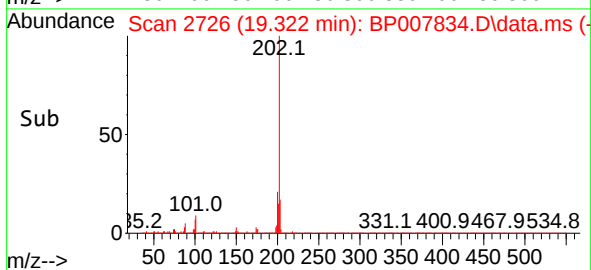
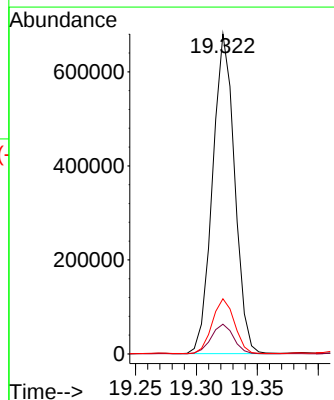
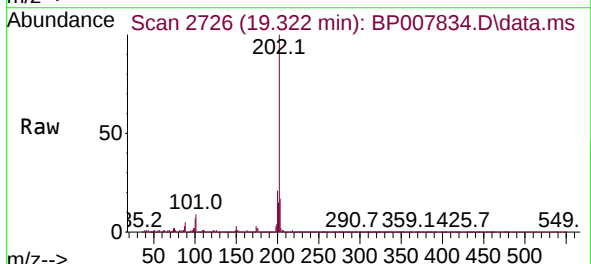


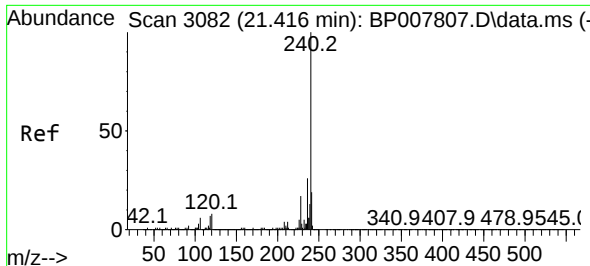
Tgt Ion:178 Resp: 449189
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.5 12.3 18.5



#75
Fluoranthene
Concen: 11.296 ng
RT: 19.322 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

Tgt Ion:202 Resp: 859535
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.4
203 17.3 0.0 37.6

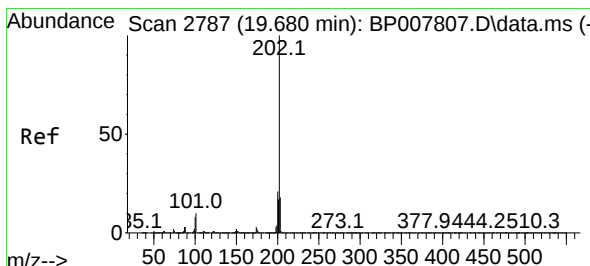
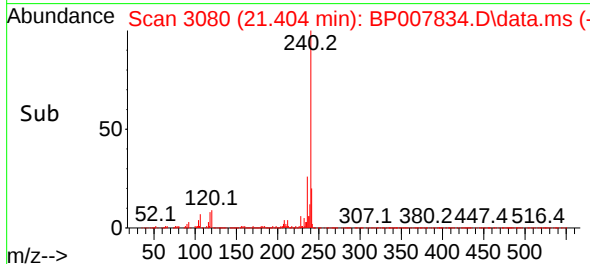
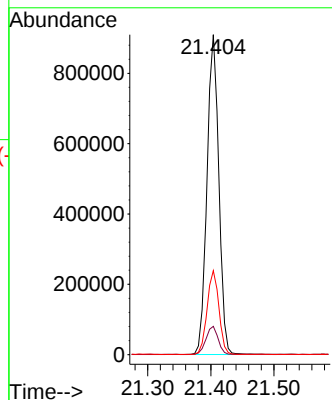
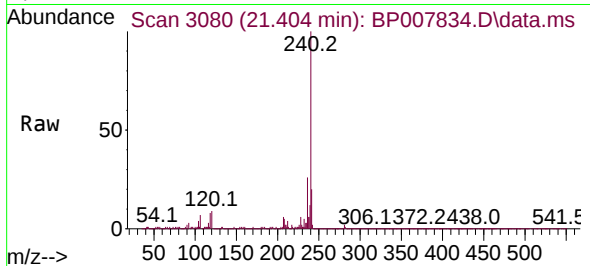




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

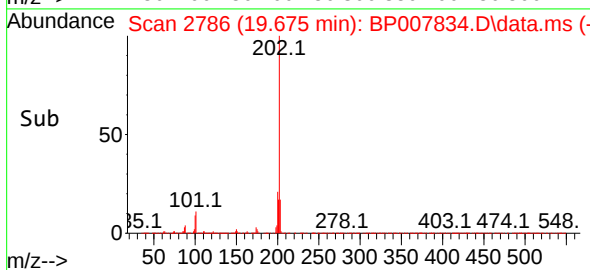
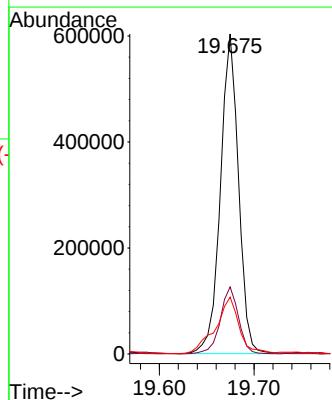
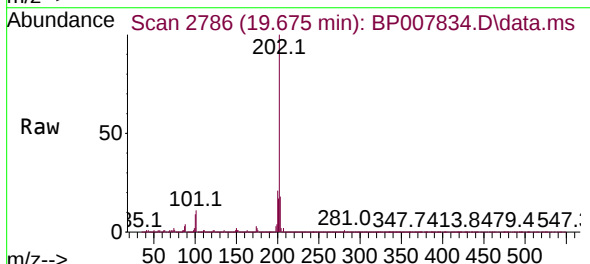
Instrument :
BNA_P
ClientSampleId :

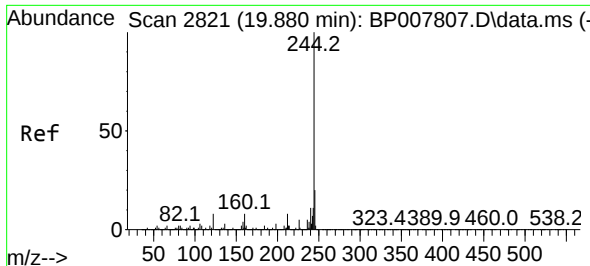
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Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.8
236 26.2 20.6 30.8



#78
Pyrene
Concen: 11.067 ng
RT: 19.675 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

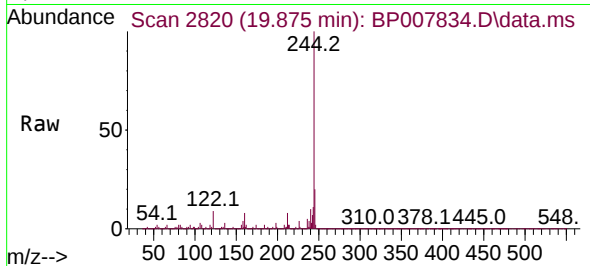
Tgt Ion:202 Resp: 801049
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.7 13.8 20.6



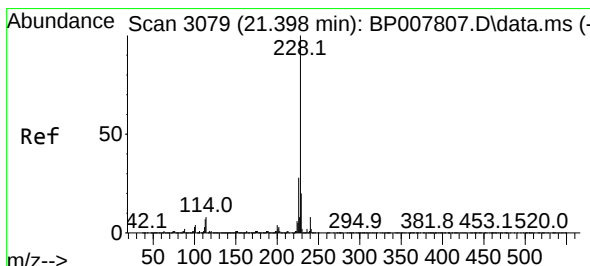
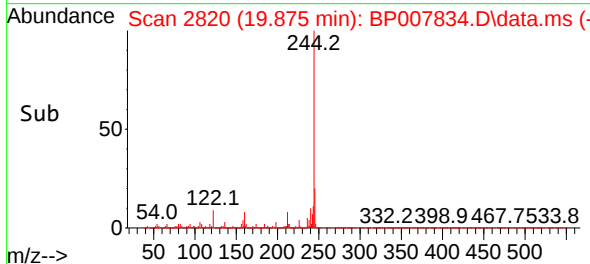
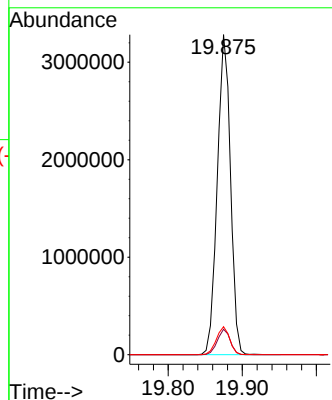


#79
 Terphenyl-d14
 Concen: 69.700 ng
 RT: 19.875 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP007834.D
 Acq: 03 Nov 2021 21:34

Instrument :
 BNA_P
 ClientSampleId :

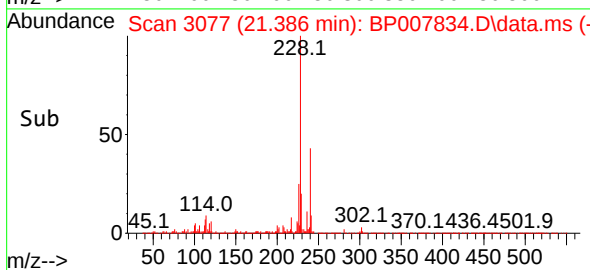
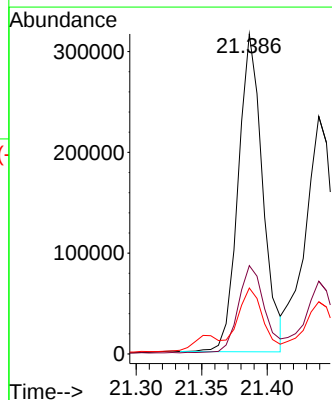
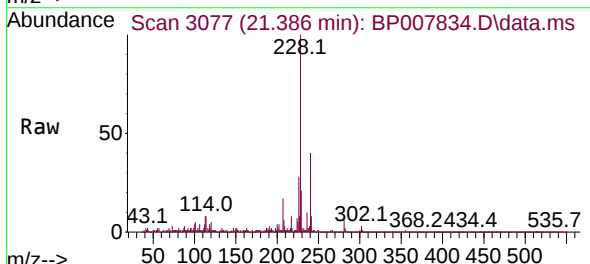


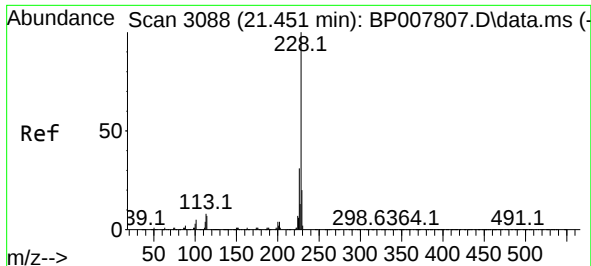
Tgt Ion:244 Resp: 4039472
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 8.7 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 5.278 ng
 RT: 21.386 min Scan# 3077
 Delta R.T. -0.012 min
 Lab File: BP007834.D
 Acq: 03 Nov 2021 21:34

Tgt Ion:228 Resp: 410332
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.8 32.6
 229 20.6 15.7 23.5

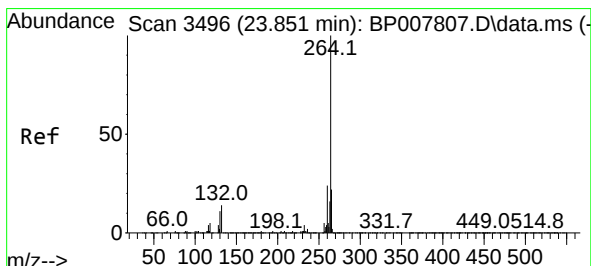
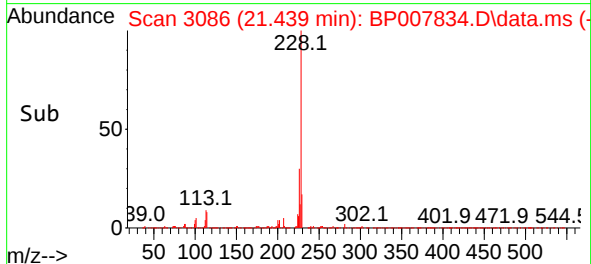
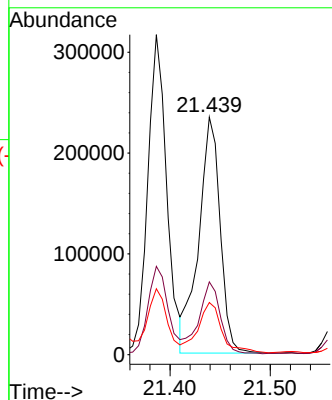
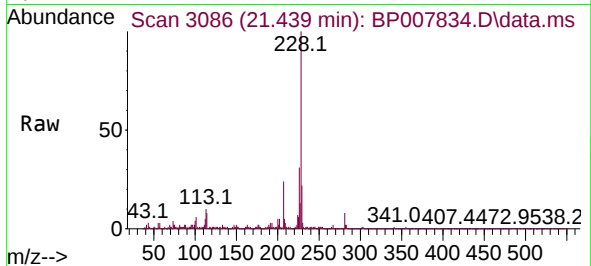




#83
Chrysene
Concen: 4.726 ng
RT: 21.439 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

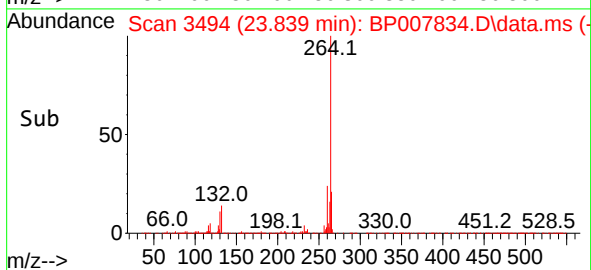
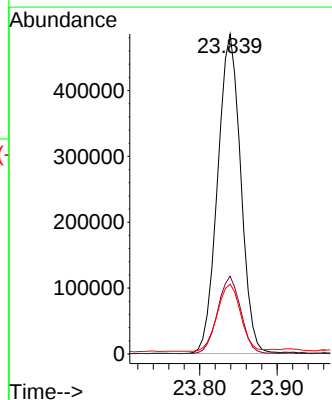
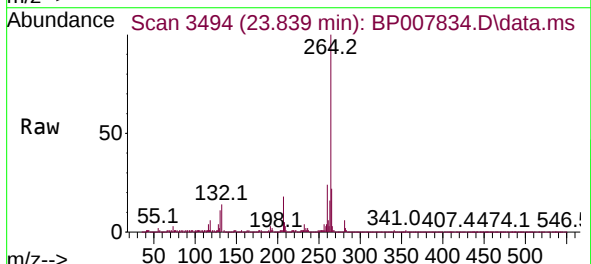
Instrument :
BNA_P
ClientSampleId :

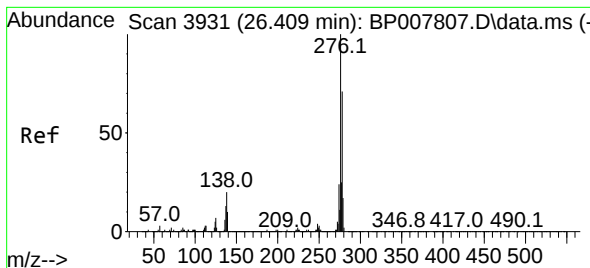
Tgt Ion:228 Resp: 347876
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 22.0 15.7 23.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

Tgt Ion:264 Resp: 1002945
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 21.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.808 ng

RT: 26.368 min Scan# 3924

Delta R.T. -0.041 min

Lab File: BP007834.D

Acq: 03 Nov 2021 21:34

Instrument :

BNA_P

ClientSampleId :

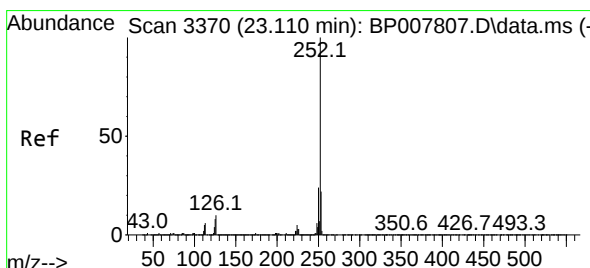
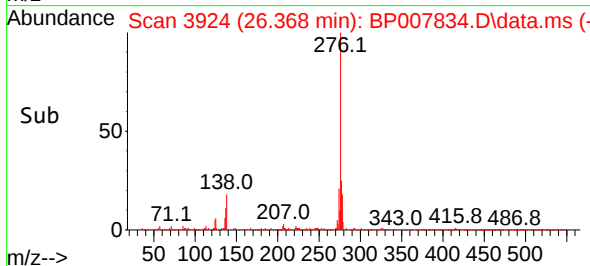
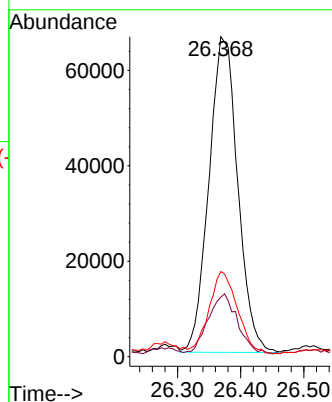
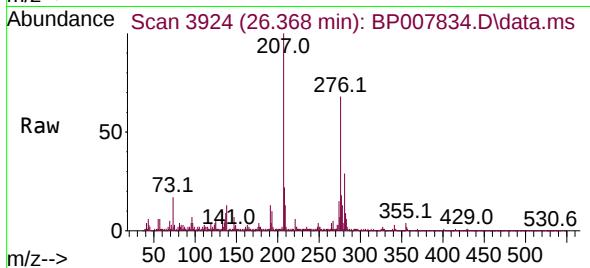
Tgt Ion:276 Resp: 209937

Ion Ratio Lower Upper

276 100

138 19.4 19.4 29.0

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 7.234 ng

RT: 23.098 min Scan# 3368

Delta R.T. -0.012 min

Lab File: BP007834.D

Acq: 03 Nov 2021 21:34

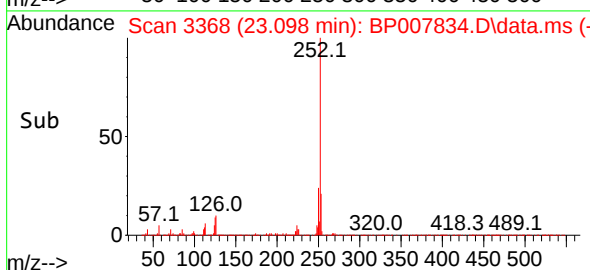
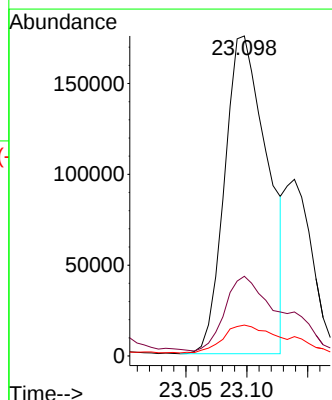
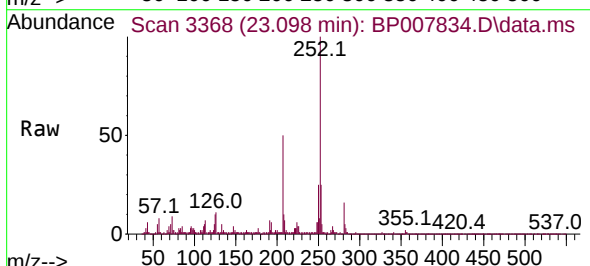
Tgt Ion:252 Resp: 427671

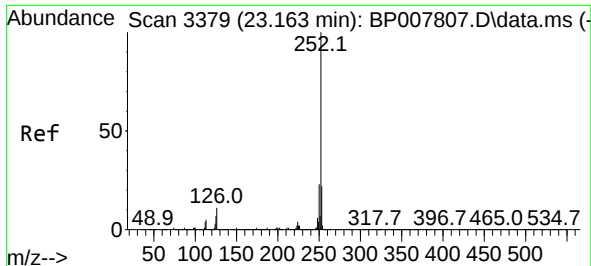
Ion Ratio Lower Upper

252 100

253 24.9 17.4 26.2

125 9.6 7.4 11.0

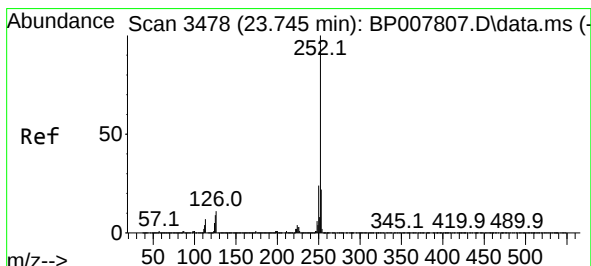
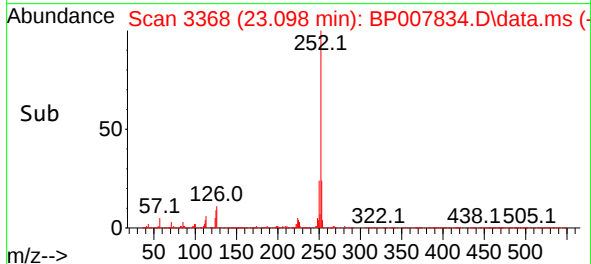
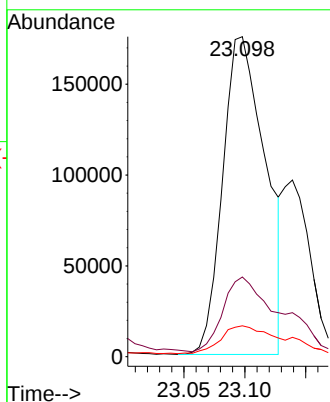
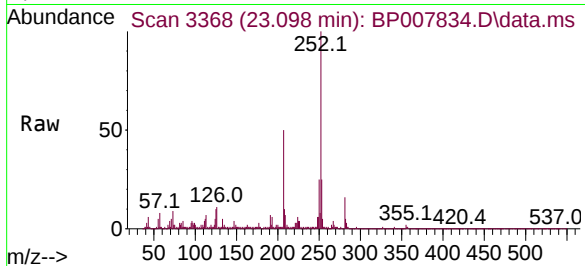




#89
Benzo(k)fluoranthene
Concen: 7.289 ng
RT: 23.098 min Scan# 31
Delta R.T. -0.065 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

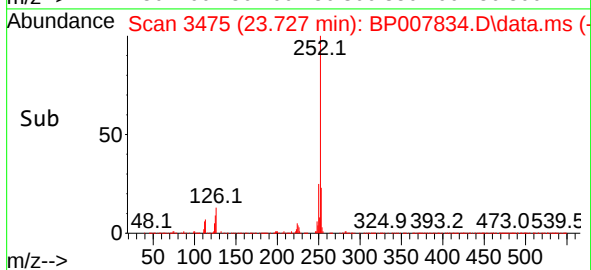
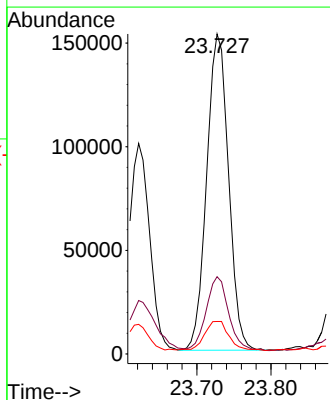
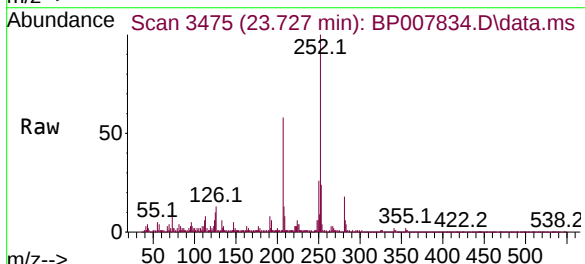
Instrument :
BNA_P
ClientSampleId :

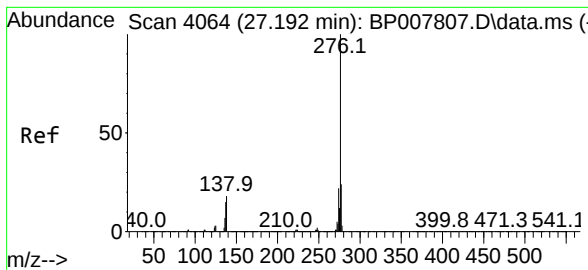
Tgt Ion:252 Resp: 427671
Ion Ratio Lower Upper
252 100
253 24.9 17.6 26.4
125 9.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 6.113 ng
RT: 23.727 min Scan# 3475
Delta R.T. -0.018 min
Lab File: BP007834.D
Acq: 03 Nov 2021 21:34

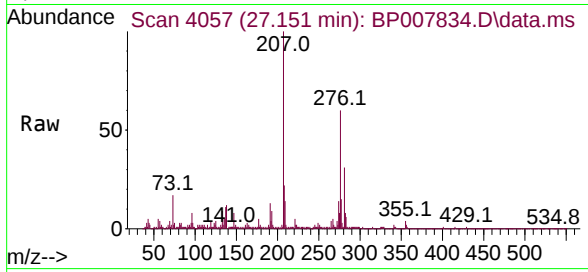
Tgt Ion:252 Resp: 312939
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 10.1 8.4 12.6





#92
 Benzo(g,h,i)perylene
 Concen: 3.429 ng
 RT: 27.151 min Scan# 40
 Delta R.T. -0.041 min
 Lab File: BP007834.D
 Acq: 03 Nov 2021 21:34

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	276	Resp:	210806
Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	20.5	16.2	24.4

