

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007388.D
 Acq On : 08 Oct 2021 23:16
 Operator : CG/JU
 Sample : M4112-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2-SIDE

Quant Time: Oct 09 06:20:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 15:35:55 2021
 Response via : Initial Calibration

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

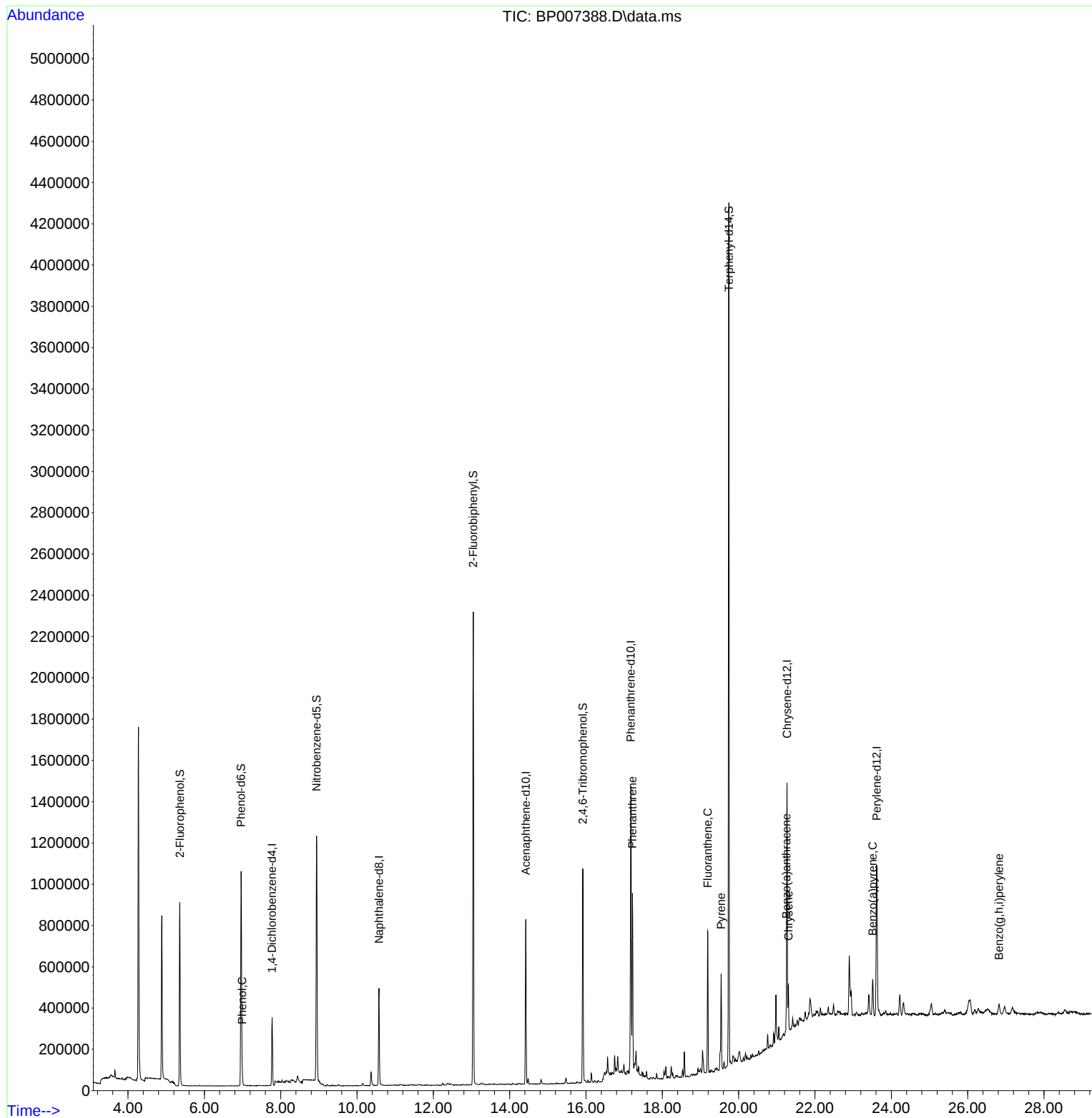
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	95229	20.00	ng	0.00
21) Naphthalene-d8	10.575	136	393636	20.00	ng	0.00
39) Acenaphthene-d10	14.422	164	282320	20.00	ng	0.00
64) Phenanthrene-d10	17.175	188	897094	20.00	ng	-0.01
76) Chrysene-d12	21.269	240	580974	20.00	ng	#-0.01
86) Perylene-d12	23.615	264	591076	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	403890	69.89	ng	0.00
7) Phenol-d6	6.963	99	626318	80.72	ng	0.00
23) Nitrobenzene-d5	8.940	82	713539	106.76	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	251541	54.32	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	1238814	61.31	ng	0.00
79) Terphenyl-d14	19.745	244	2180481	66.20	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.993	94	28096	3.79	ng	96
71) Phenanthrene	17.216	178	521642	11.01	ng	99
75) Fluoranthene	19.192	202	415325	6.80	ng	99
78) Pyrene	19.539	202	293522	7.34	ng	99
81) Benzo(a)anthracene	21.251	228	77081	2.05	ng	99
83) Chrysene	21.304	228	142723	4.04	ng	97
90) Benzo(a)pyrene	23.510	252	91521	3.06	ng	# 97
92) Benzo(g,h,i)perylene	26.821	276	68228	2.15	ng	# 96

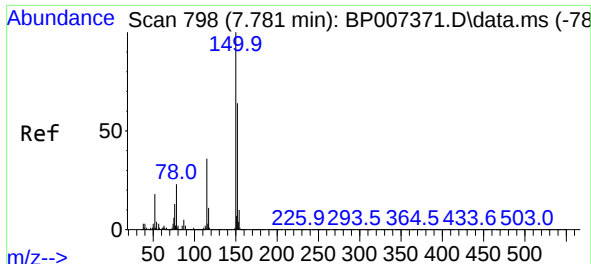
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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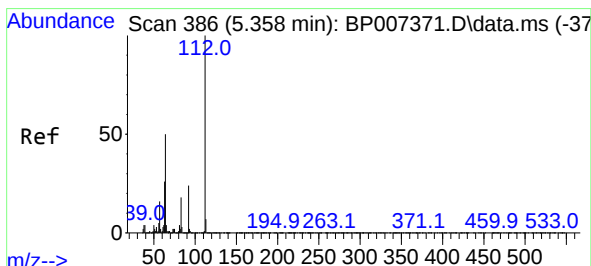
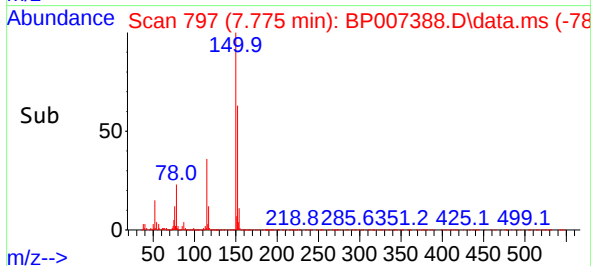
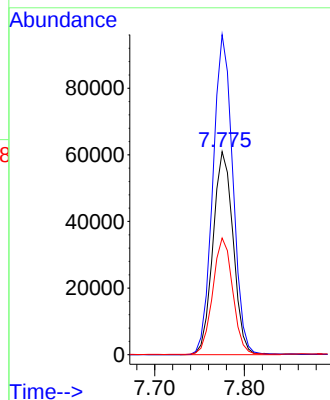
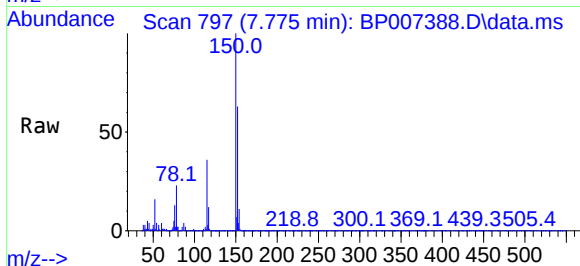




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

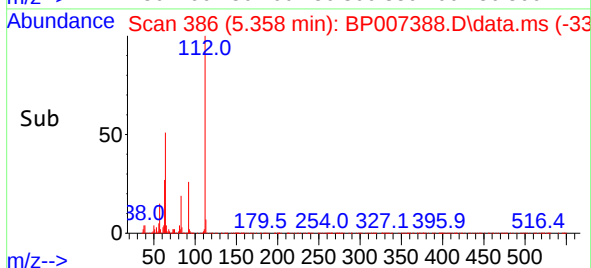
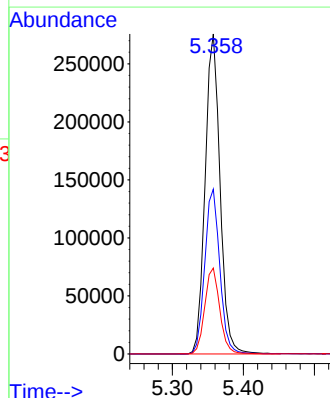
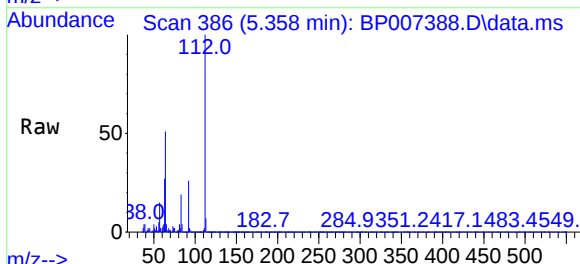
Instrument :
BNA_P
ClientSampled :
2-SIDE

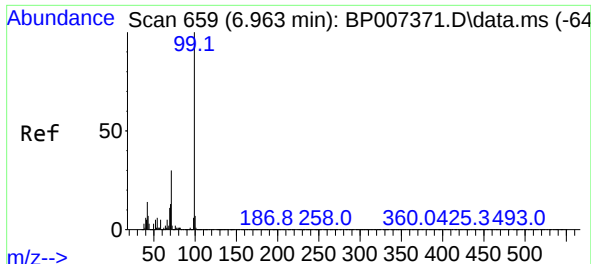
Tgt Ion:152 Resp: 95229
Ion Ratio Lower Upper
152 100
150 157.5 125.6 188.4
115 57.5 48.5 72.7



#5
2-Fluorophenol
Concen: 69.89 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:112 Resp: 403890
Ion Ratio Lower Upper
112 100
64 51.5 41.4 62.2
63 26.9 23.8 35.8



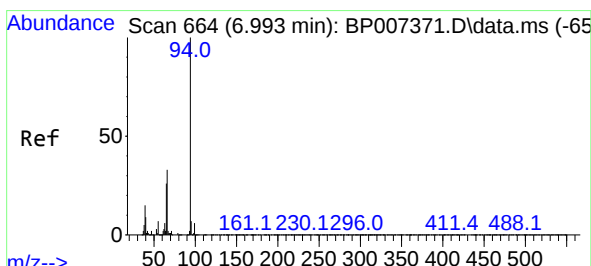
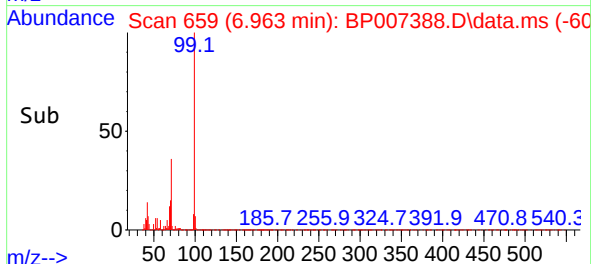
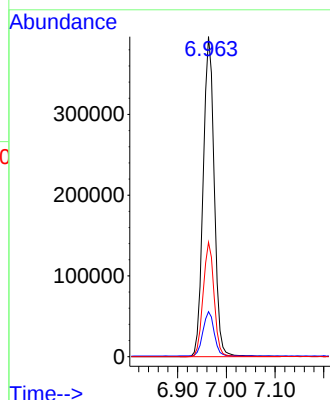
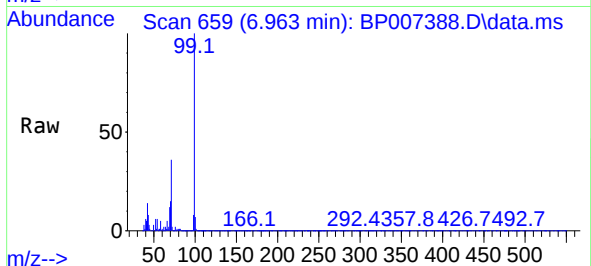


#7
Phenol-d6
Concen: 80.72 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Instrument :
BNA_P
ClientSampleId :
2-SIDE

Tgt Ion: 99 Resp: 626318

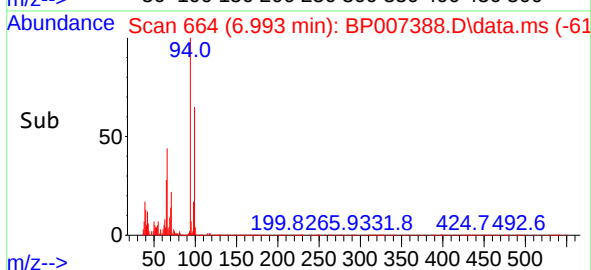
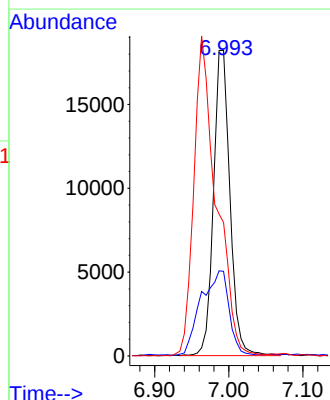
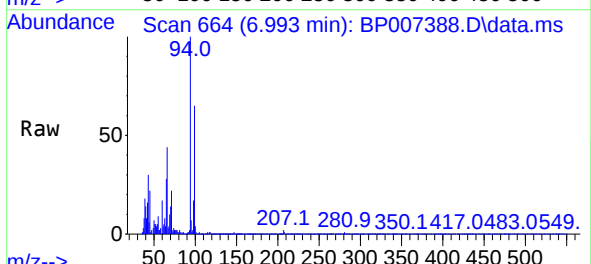
Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.4	20.0
71	35.7	30.6	46.0

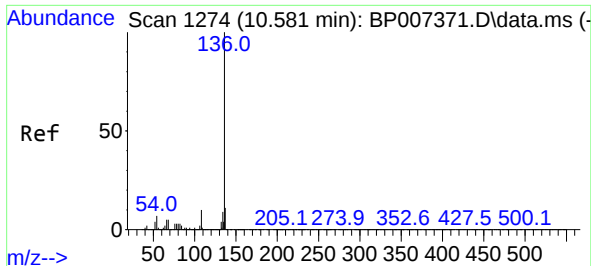


#10
Phenol
Concen: 3.79 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion: 94 Resp: 28096

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.8	48.8
66	43.6	20.7	60.7



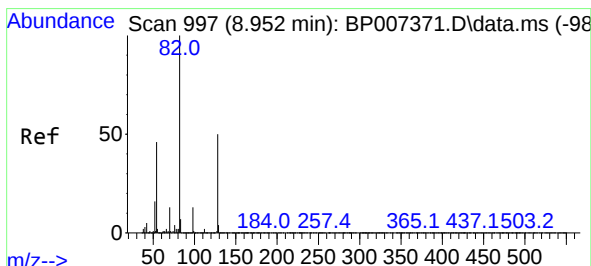
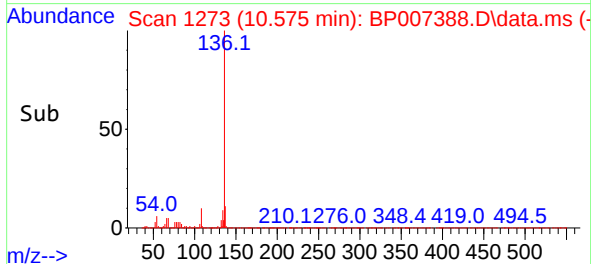
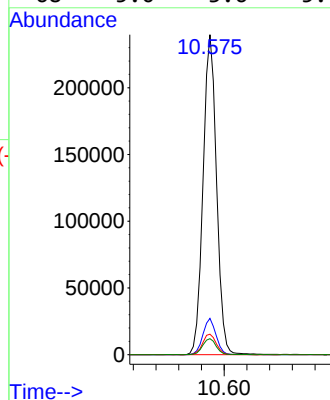
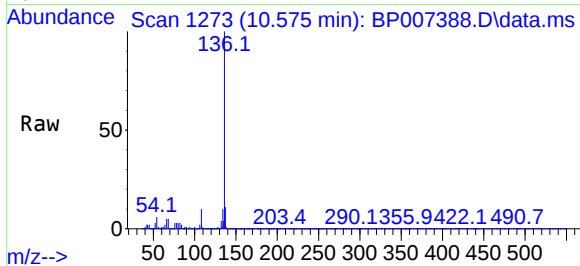


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Instrument :
BNA_P
ClientSampleId :
2-SIDE

Tgt Ion:136 Resp: 393636

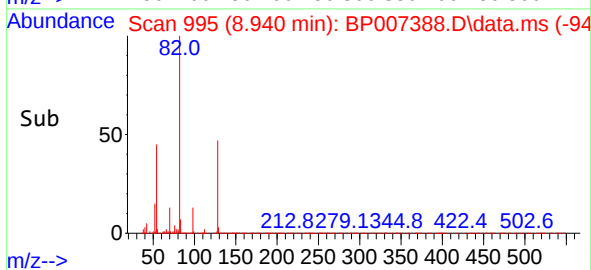
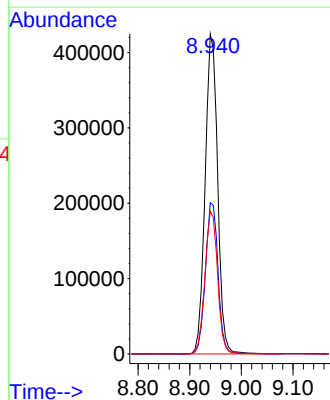
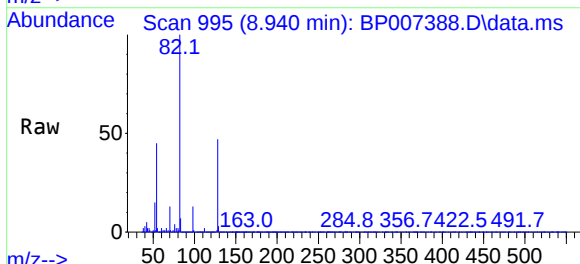
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	6.4	4.6	6.8
68	5.0	3.6	5.4

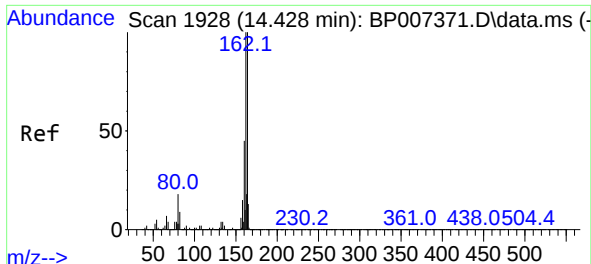


#23
Nitrobenzene-d5
Concen: 106.76 ng
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion: 82 Resp: 713539

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.7	53.5
54	44.6	35.0	52.4

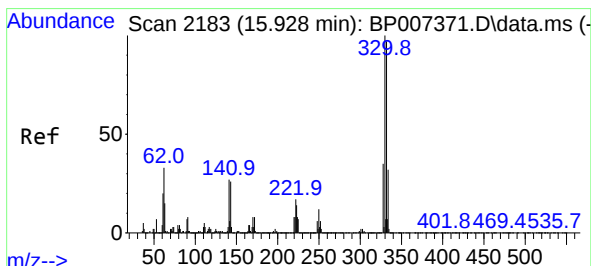
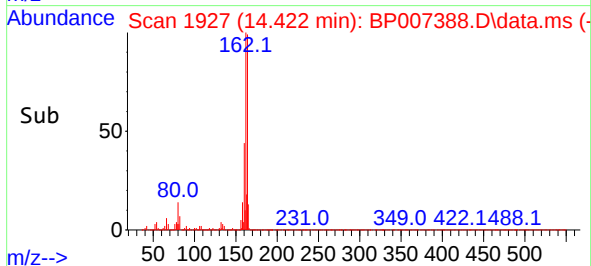
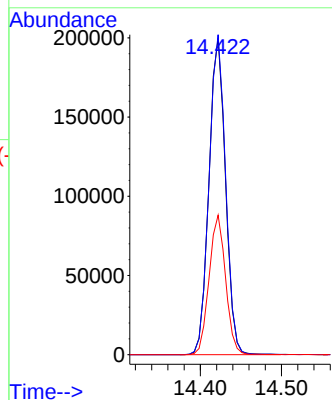
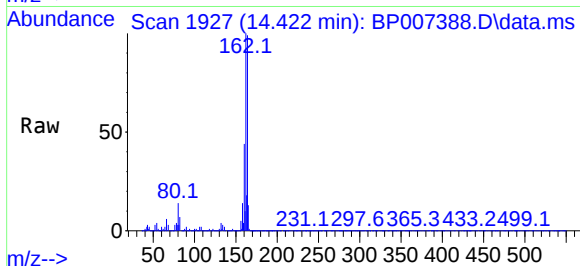




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

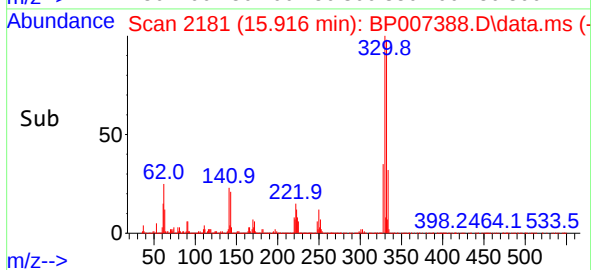
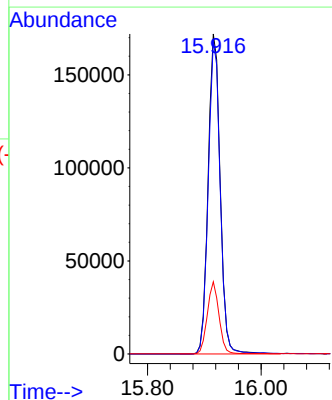
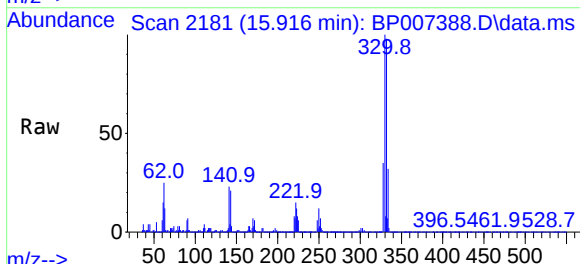
Instrument :
BNA_P
ClientSampled :
2-SIDE

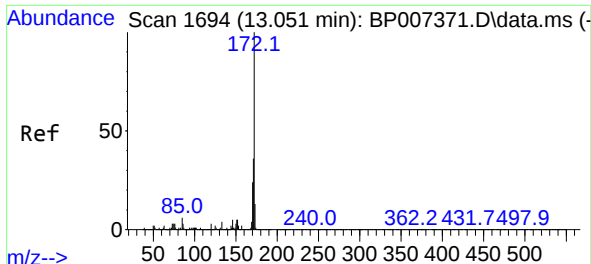
Tgt Ion:164 Resp: 282320
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 44.1 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 54.32 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:330 Resp: 251541
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 21.7 25.4 38.2#

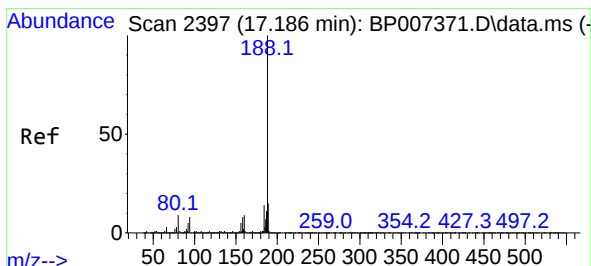
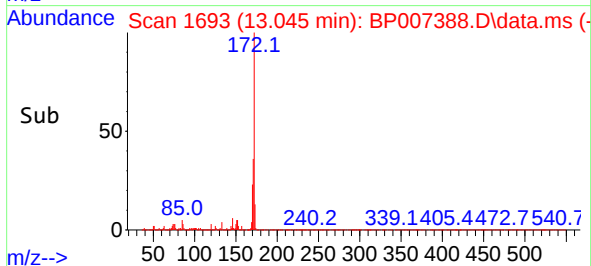
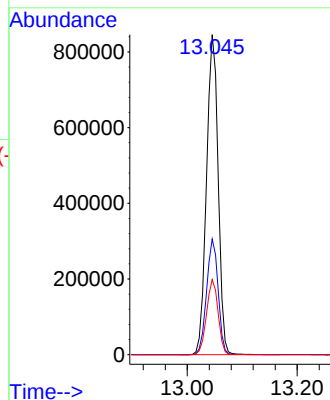
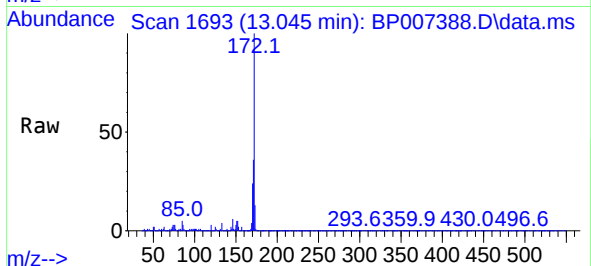




#45
2-Fluorobiphenyl
Concen: 61.31 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

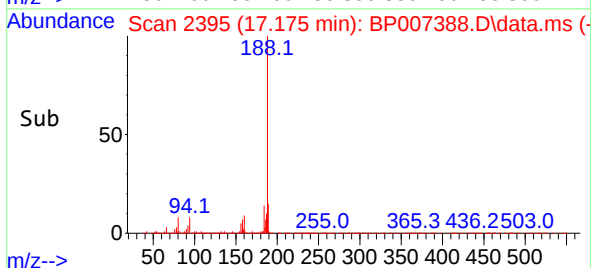
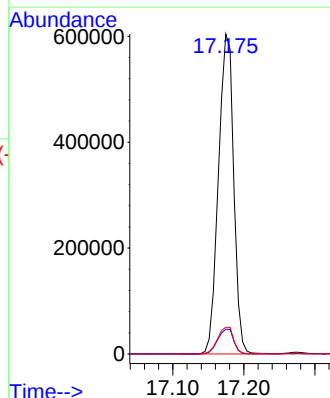
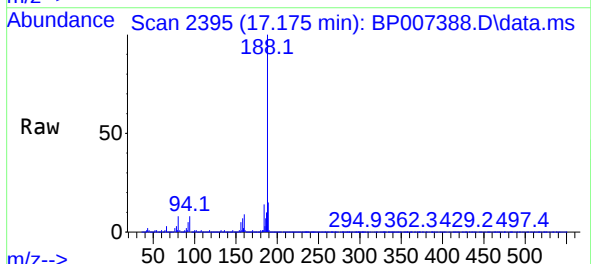
Instrument :
BNA_P
ClientSampled :
2-SIDE

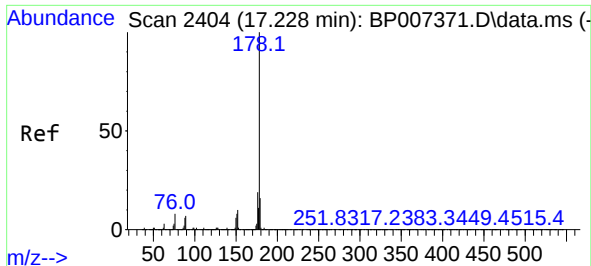
Tgt Ion:172 Resp: 1238814
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 23.5 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:188 Resp: 897094
Ion Ratio Lower Upper
188 100
94 7.8 5.6 8.4
80 8.4 6.3 9.5

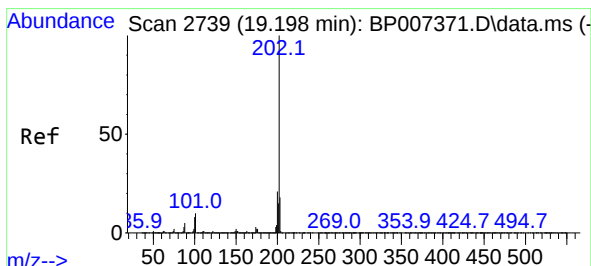
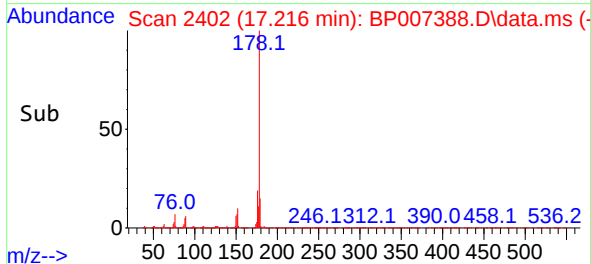
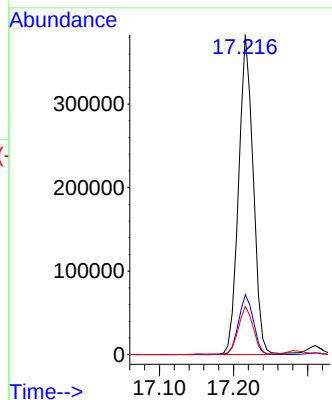
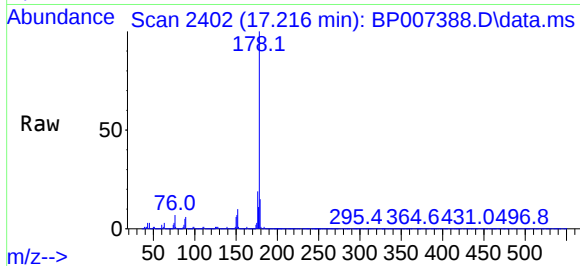




#71
Phenanthrene
Concen: 11.01 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

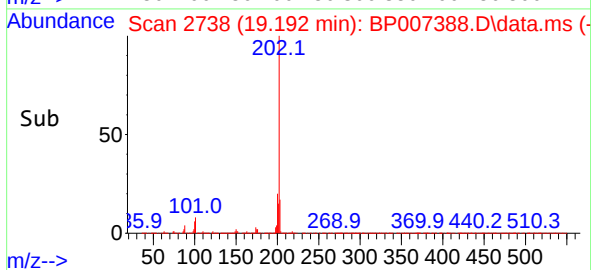
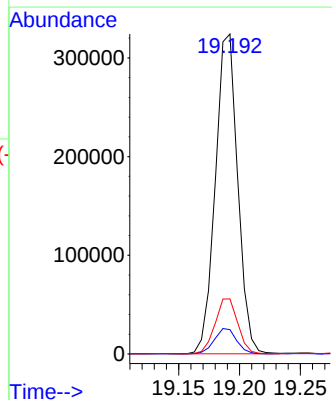
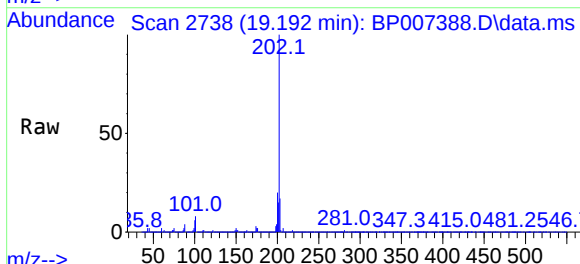
Instrument :
BNA_P
ClientSampled :
2-SIDE

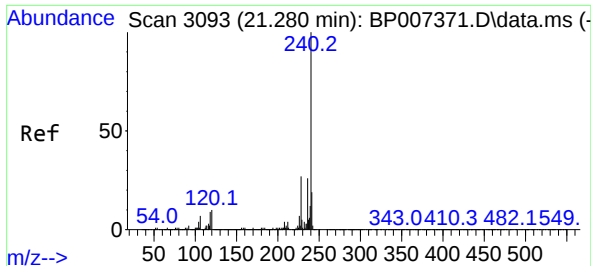
Tgt Ion:178 Resp: 521642
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.1 12.4 18.6



#75
Fluoranthene
Concen: 6.80 ng
RT: 19.192 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:202 Resp: 415325
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.6
203 17.2 0.0 37.8

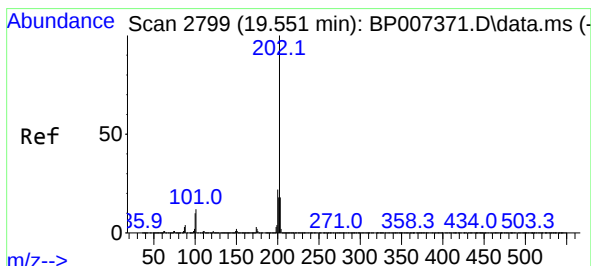
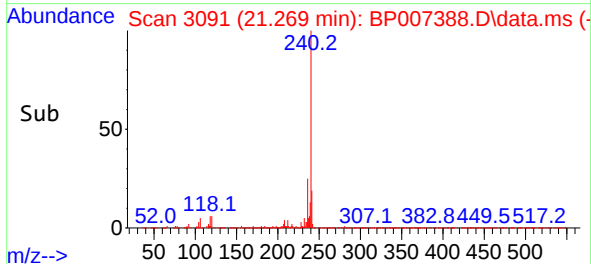
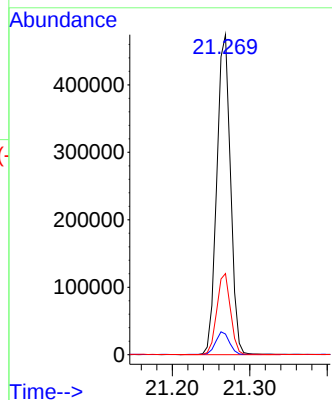
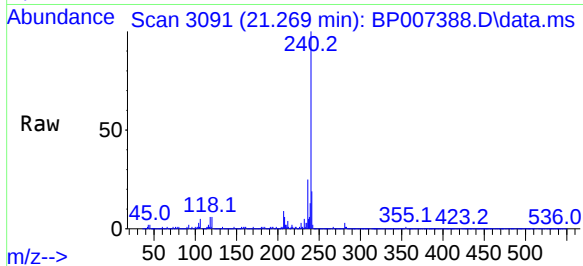




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

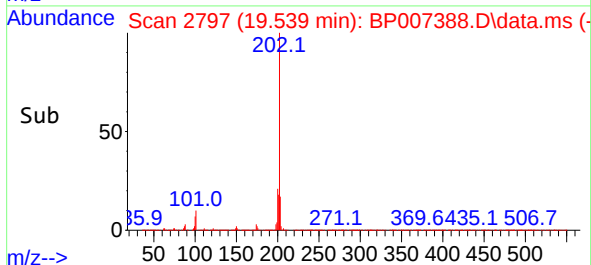
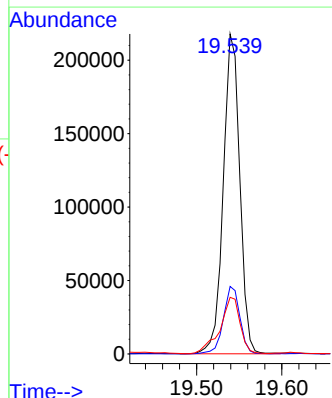
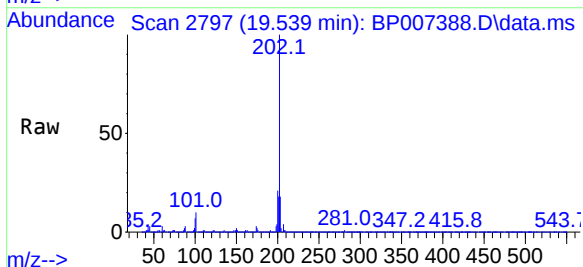
Instrument :
BNA_P
ClientSampled :
2-SIDE

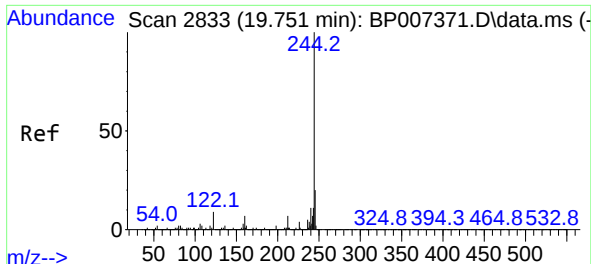
Tgt Ion:240 Resp: 580974
Ion Ratio Lower Upper
240 100
120 6.5 6.5 9.7#
236 25.3 20.6 31.0



#78
Pyrene
Concen: 7.34 ng
RT: 19.539 min Scan# 2797
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:202 Resp: 293522
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 17.7 14.2 21.2

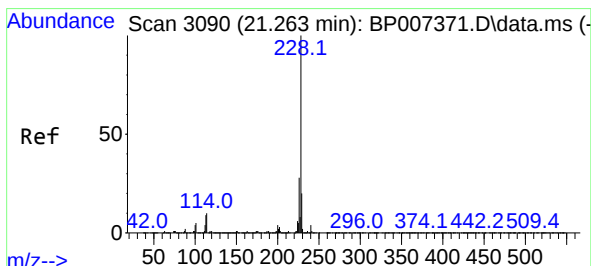
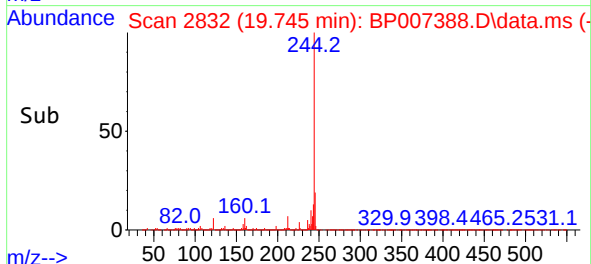
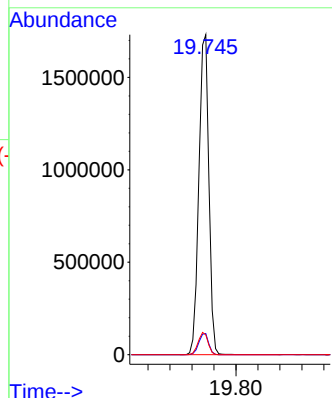
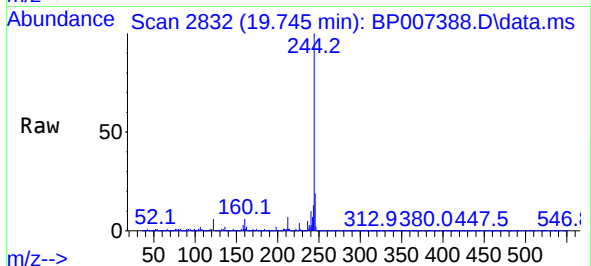




#79
Terphenyl-d14
Concen: 66.20 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

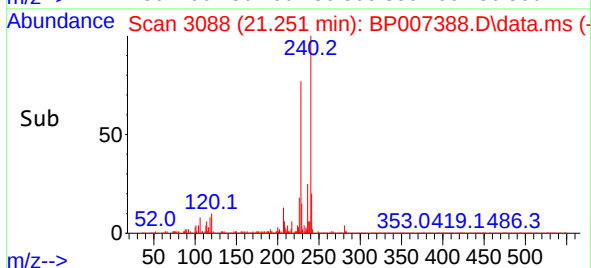
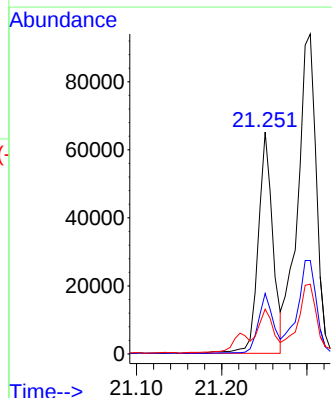
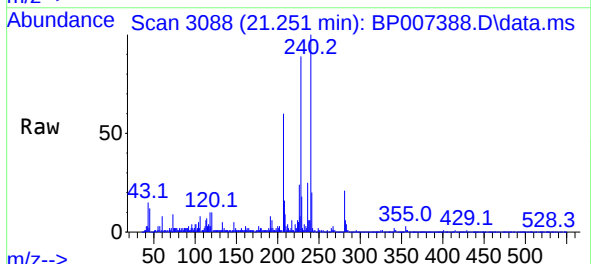
Instrument :
BNA_P
ClientSampled :
2-SIDE

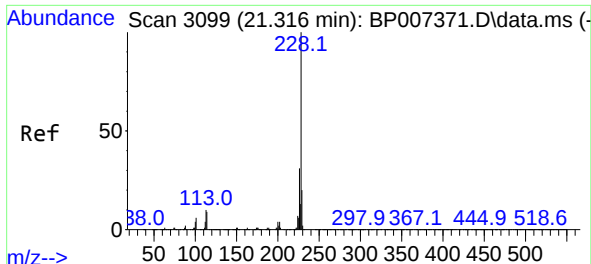
Tgt Ion:244 Resp: 2180481
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 6.2 7.1 10.7#



#81
Benzo(a)anthracene
Concen: 2.05 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:228 Resp: 77081
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 20.2 15.8 23.6

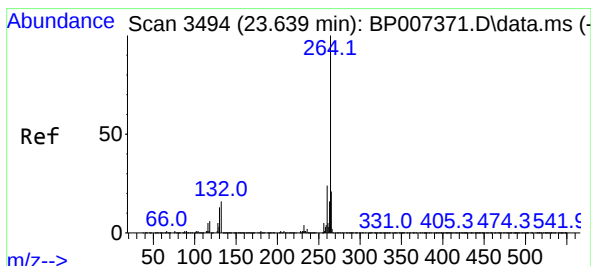
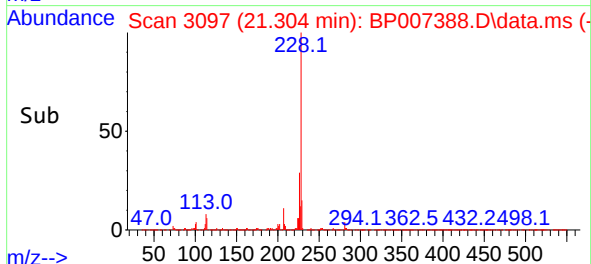
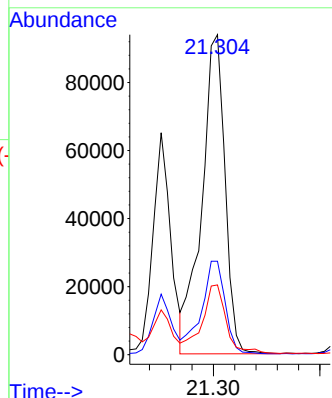
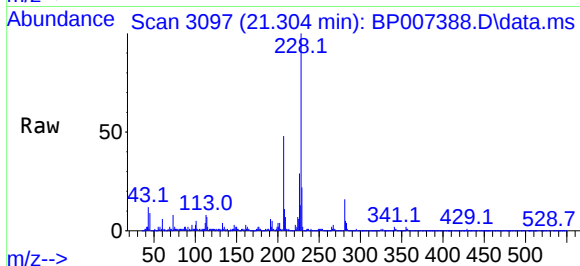




#83
Chrysene
Concen: 4.04 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

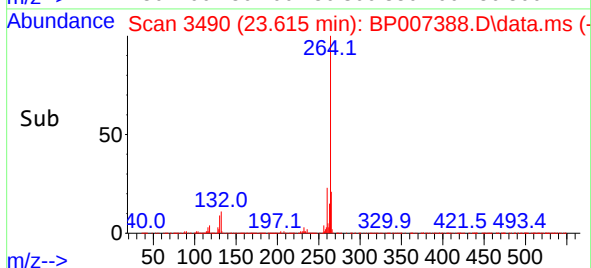
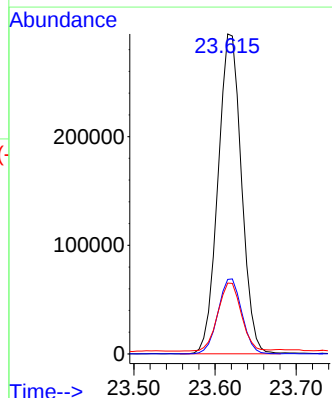
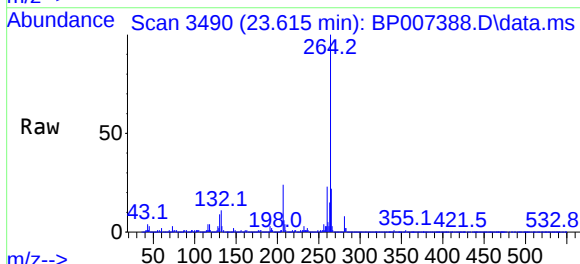
Instrument :
BNA_P
ClientSampled :
2-SIDE

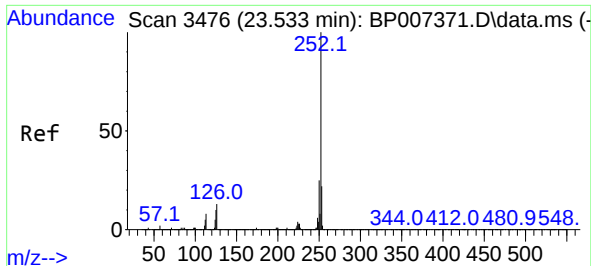
Tgt	Ion:228	Resp:	142723
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	21.8	15.4	23.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.615 min Scan# 3490
Delta R.T. -0.024 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:264	Resp: 591076		
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.6	28.0
265	22.2	17.6	26.4

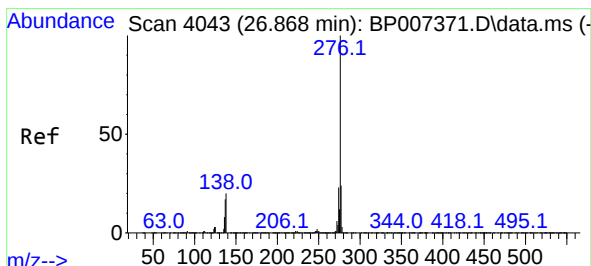
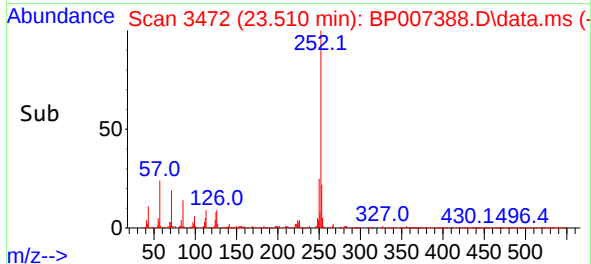
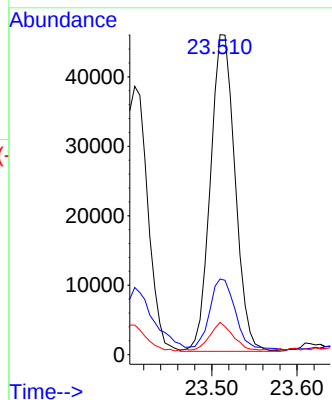
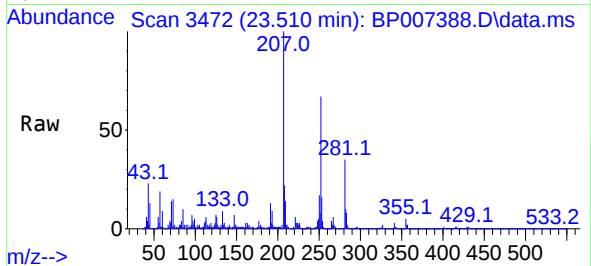




#90
Benzo(a)pyrene
Concen: 3.06 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.023 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Instrument :
BNA_P
ClientSampled :
2-SIDE

Tgt Ion:252 Resp: 91521
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 10.1 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 2.15 ng
RT: 26.821 min Scan# 4035
Delta R.T. -0.047 min
Lab File: BP007388.D
Acq: 08 Oct 2021 23:16

Tgt Ion:276 Resp: 68228
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 11.6 12.6 18.8#

