

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007385.D
 Acq On : 08 Oct 2021 21:34
 Operator : CG/JU
 Sample : M4112-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CON-WALL

Quant Time: Oct 09 06:19:23 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)

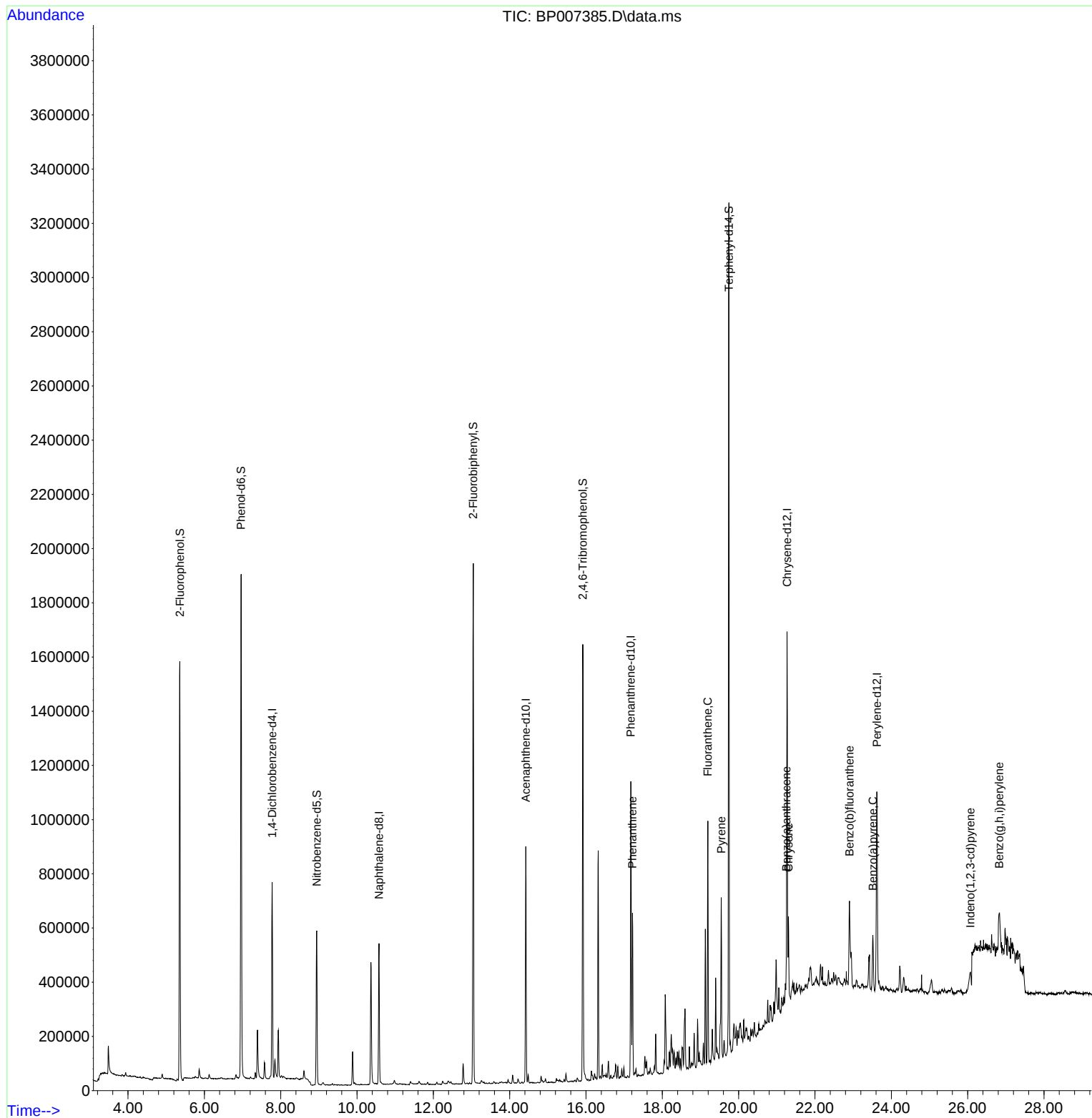
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	202124	20.00	ng	0.00
21) Naphthalene-d8	10.575	136	443769	20.00	ng	0.00
39) Acenaphthene-d10	14.422	164	300815	20.00	ng	0.00
64) Phenanthrene-d10	17.175	188	651625	20.00	ng	-0.01
76) Chrysene-d12	21.269	240	581666	20.00	ng	-0.01
86) Perylene-d12	23.621	264	573114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	745278	60.76	ng	0.00
7) Phenol-d6	6.963	99	1149193	69.78	ng	0.00
23) Nitrobenzene-d5	8.946	82	338747	44.96	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	392887	79.62	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	988071	45.90	ng	0.00
79) Terphenyl-d14	19.745	244	1612673	48.90	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.216	178	375981	10.93	ng	99
75) Fluoranthene	19.192	202	514240	11.59	ng	98
78) Pyrene	19.545	202	362241	9.04	ng	99
81) Benzo(a)anthracene	21.251	228	120857	3.22	ng	99
83) Chrysene	21.304	228	172808	4.89	ng	98
87) Indeno(1,2,3-cd)pyrene	26.074	276	88310	2.25	ng	# 94
88) Benzo(b)fluoranthene	22.904	252	192711	2.69	ng	96
90) Benzo(a)pyrene	23.516	252	112883	3.90	ng	99
92) Benzo(g,h,i)perylene	26.827	276	111540	3.63	ng	# 96

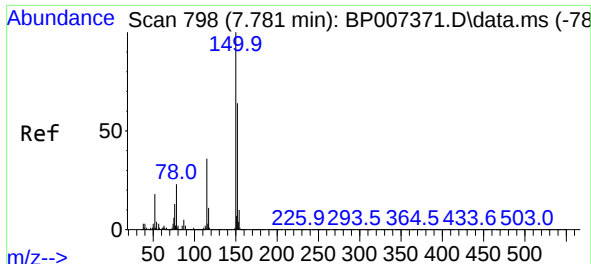
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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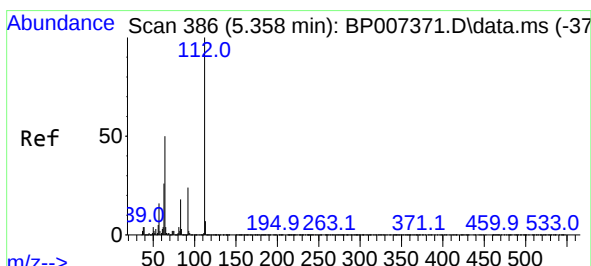
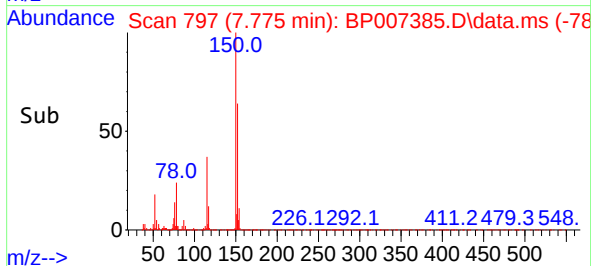
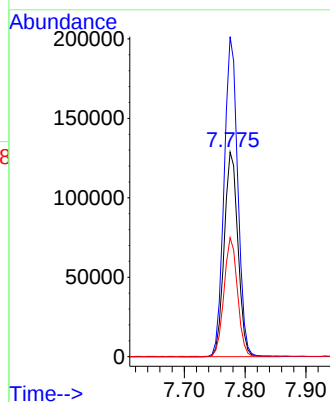
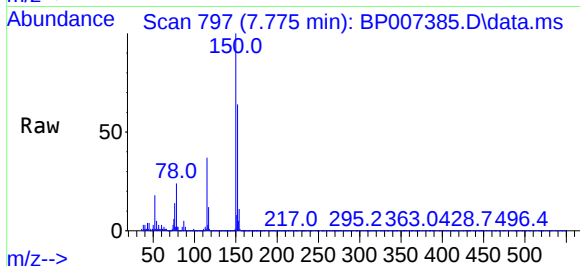




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

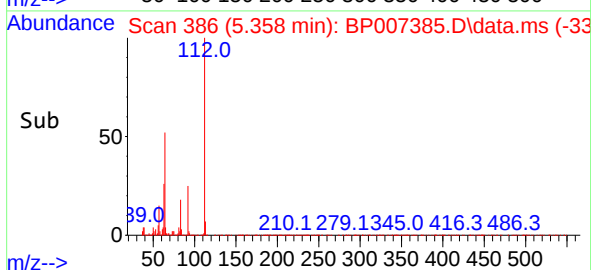
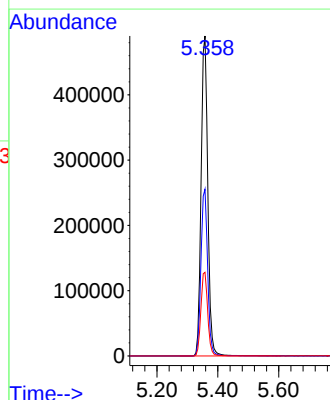
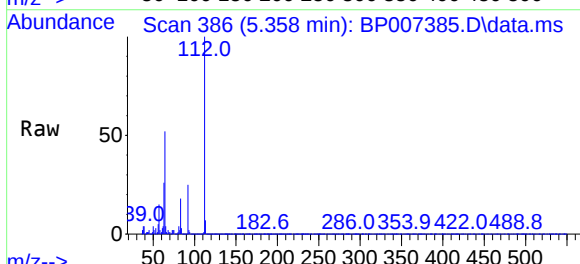
Instrument :
BNA_P
ClientSampleId :
CON-WALL

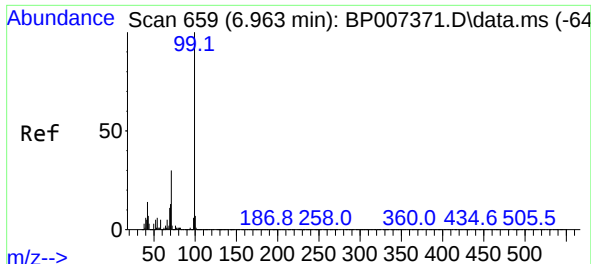
Tgt Ion:152 Resp: 202124
Ion Ratio Lower Upper
152 100
150 156.4 125.6 188.4
115 58.2 48.5 72.7



#5
2-Fluorophenol
Concen: 60.76 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:112 Resp: 745278
Ion Ratio Lower Upper
112 100
64 52.1 41.4 62.2
63 26.2 23.8 35.8

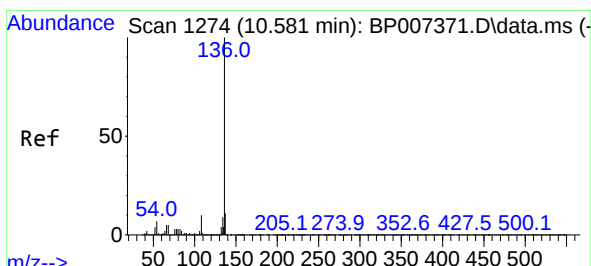
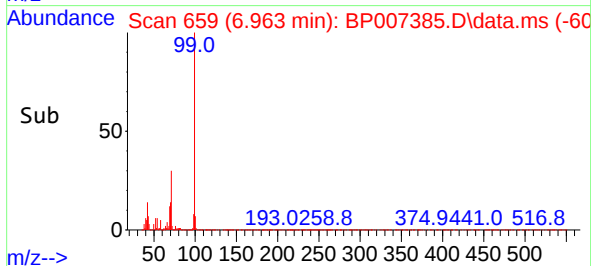
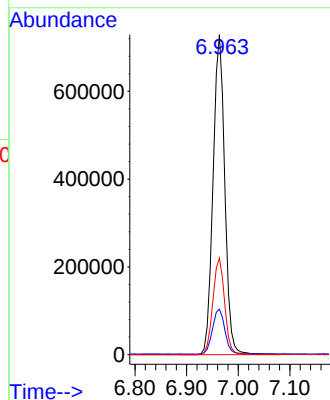
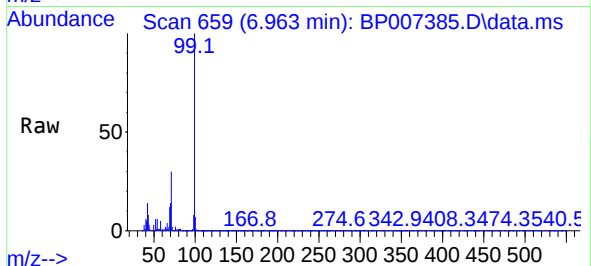




#7
Phenol-d6
Concen: 69.78 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

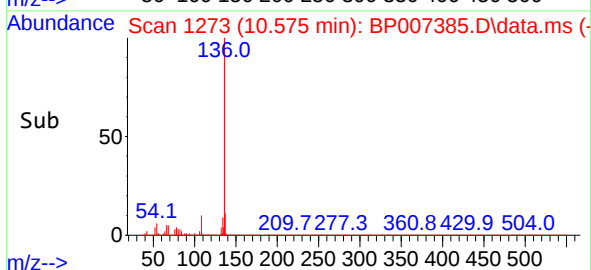
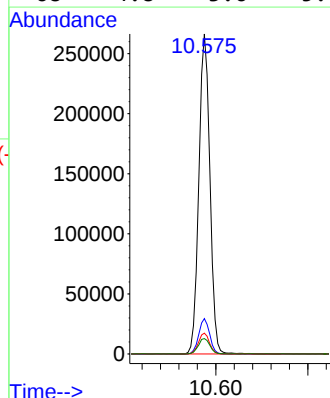
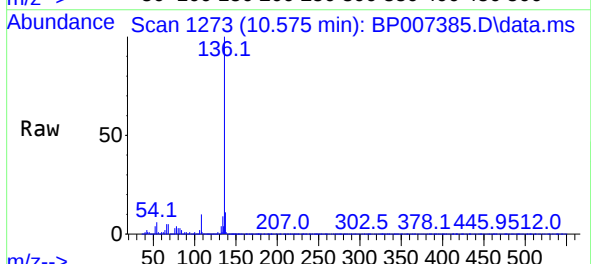
Instrument :
BNA_P
ClientSampleId :
CON-WALL

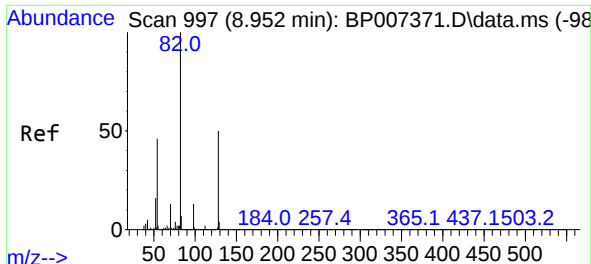
Tgt Ion: 99 Resp: 1149193
Ion Ratio Lower Upper
99 100
42 14.3 13.4 20.0
71 30.2 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion: 136 Resp: 443769
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.5 4.6 6.8
68 4.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 44.96 ng

RT: 8.946 min Scan# 996

Delta R.T. -0.006 min

Lab File: BP007385.D

Acq: 08 Oct 2021 21:34

Instrument :

BNA_P

ClientSampleId :

CON-WALL

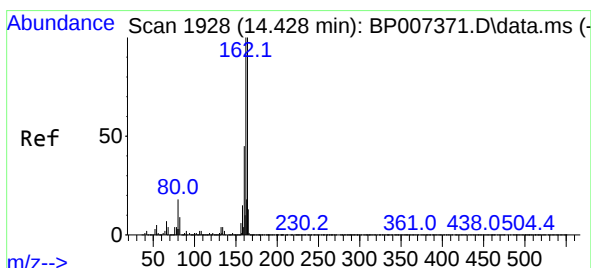
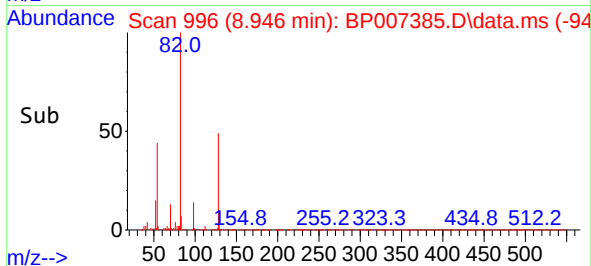
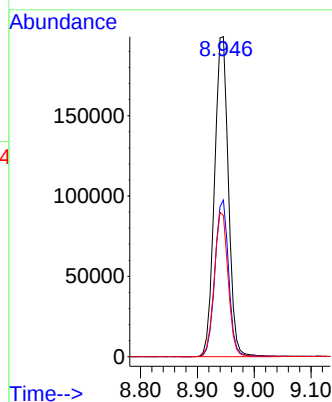
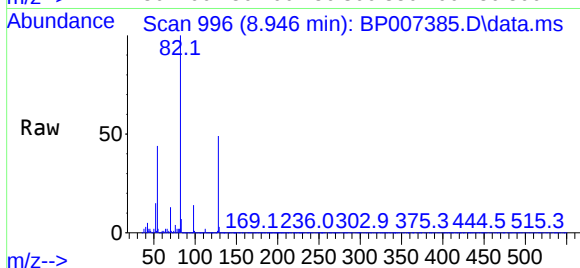
Tgt Ion: 82 Resp: 338747

Ion Ratio Lower Upper

82 100

128 49.0 35.7 53.5

54 44.2 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: BP007385.D

Acq: 08 Oct 2021 21:34

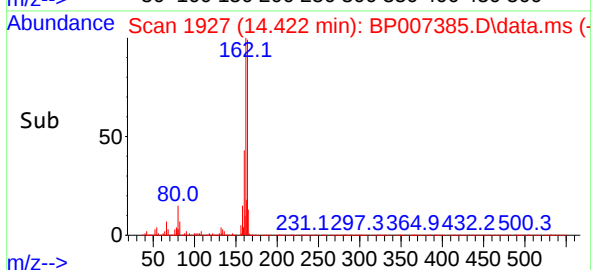
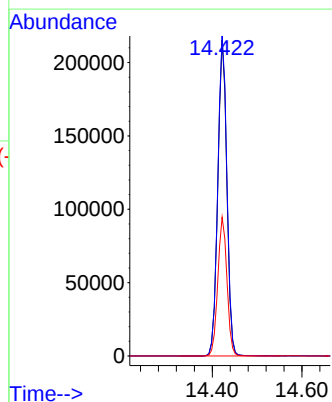
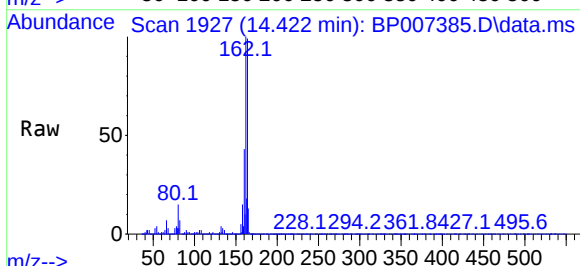
Tgt Ion: 164 Resp: 300815

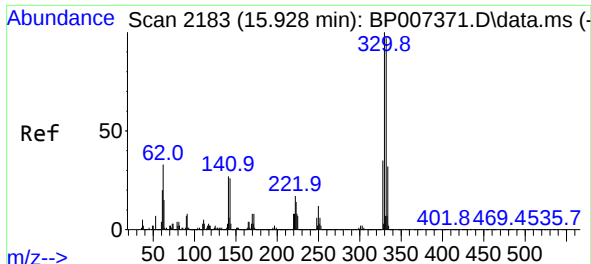
Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

160 43.9 34.5 51.7

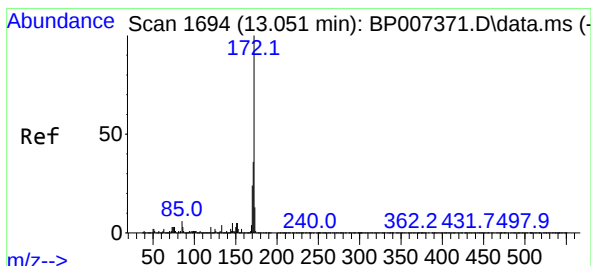
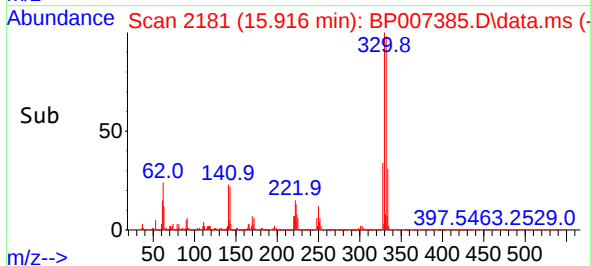
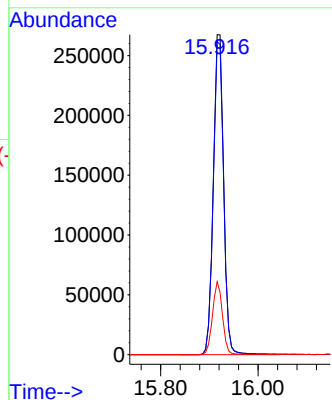
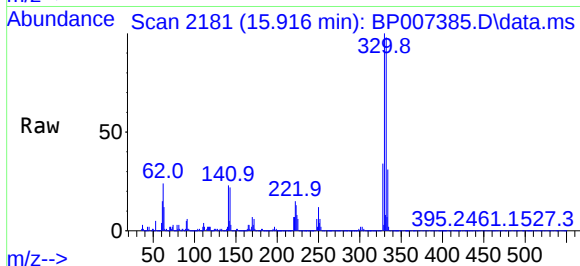




#42
2,4,6-Tribromophenol
Concen: 79.62 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

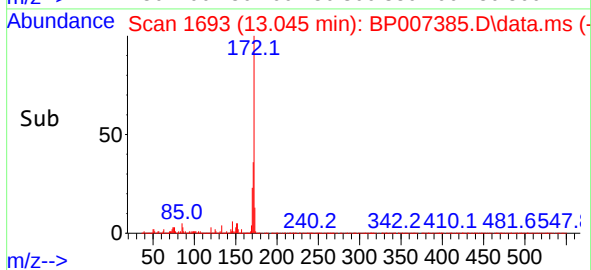
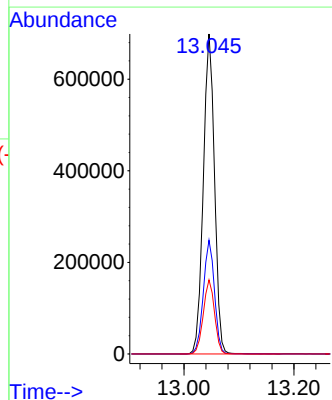
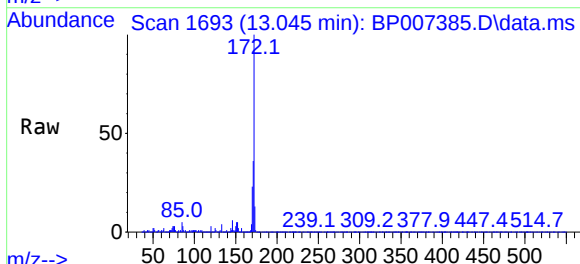
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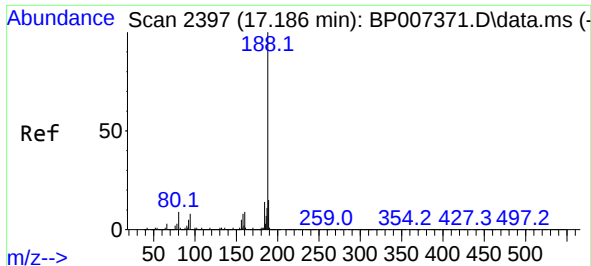
Tgt Ion:330 Resp: 392887
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 21.9 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 45.90 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:172 Resp: 988071
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.1 18.6 27.8

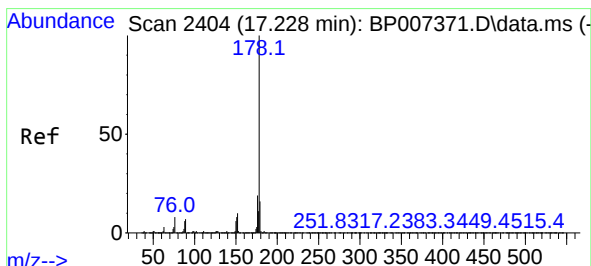
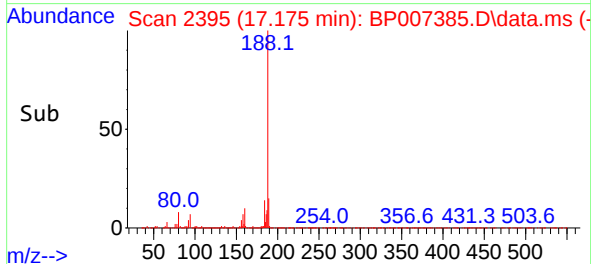
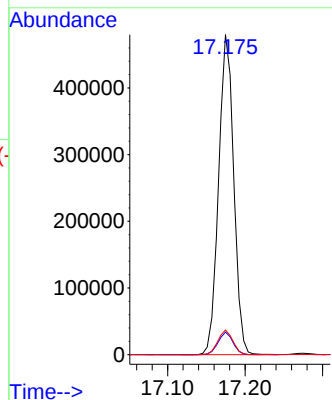
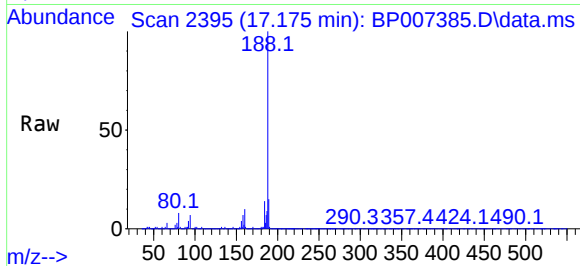




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

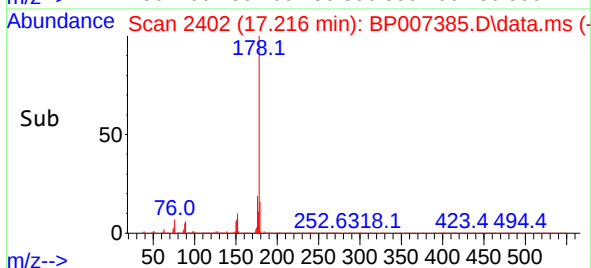
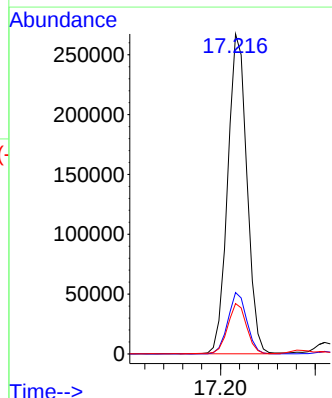
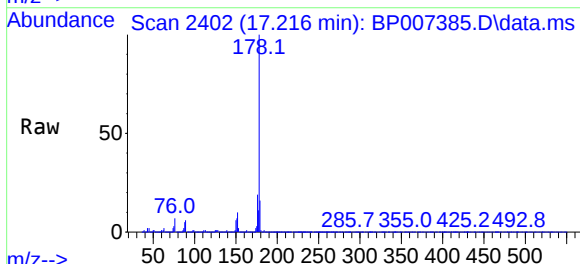
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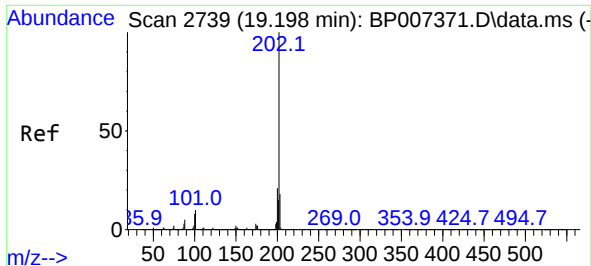
Tgt Ion:188 Resp: 651625
Ion Ratio Lower Upper
188 100
94 7.0 5.6 8.4
80 7.7 6.3 9.5



#71
Phenanthrene
Concen: 10.93 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:178 Resp: 375981
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.7 12.4 18.6

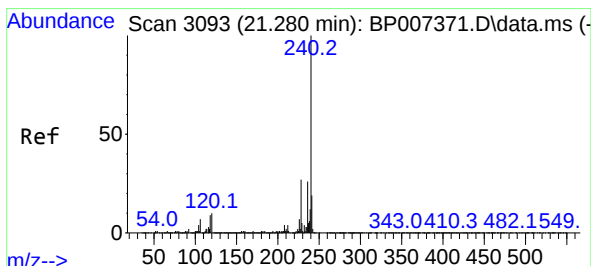
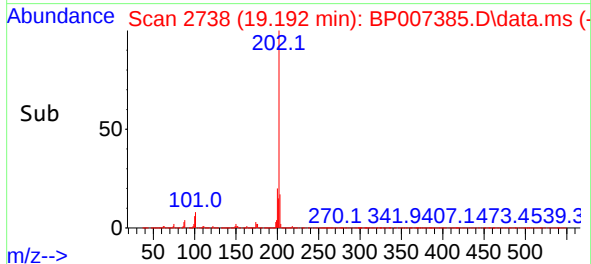
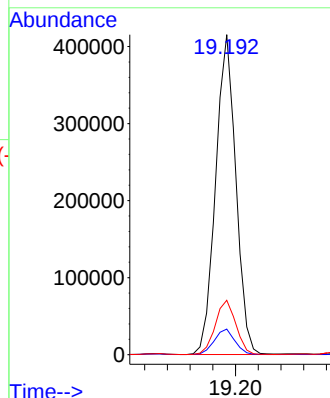
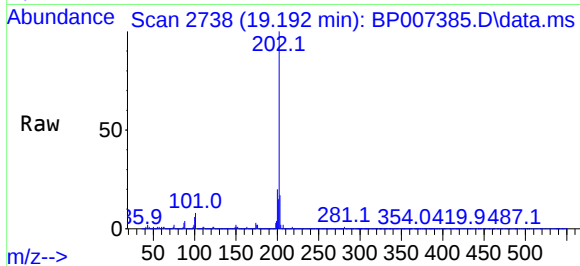




#75
Fluoranthene
Concen: 11.59 ng
RT: 19.192 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

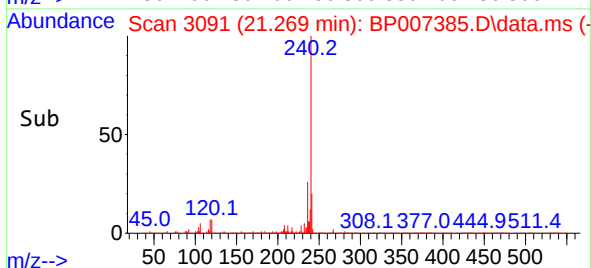
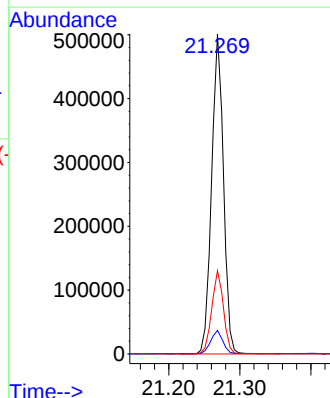
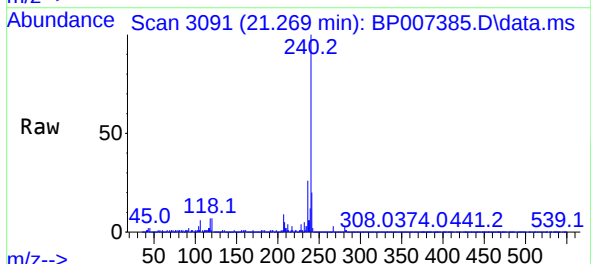
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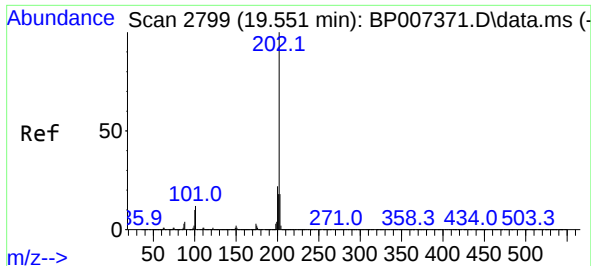
Tgt Ion:	202	Resp:	514240
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.6
203	17.0	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BP007385.D
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Tgt Ion:	240	Resp:	581666
Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.5	9.7
236	26.0	20.6	31.0

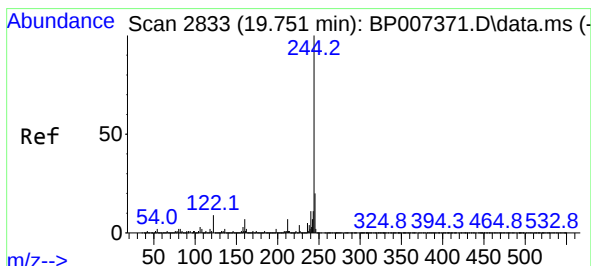
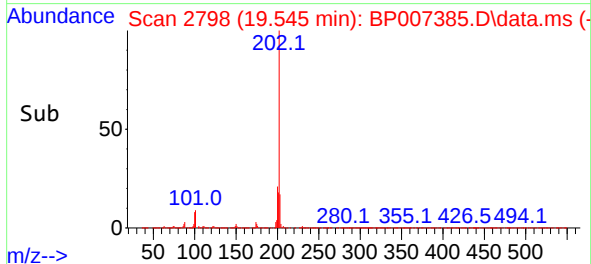
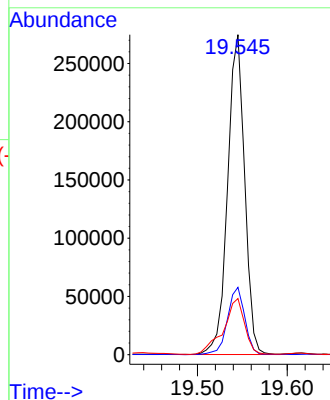
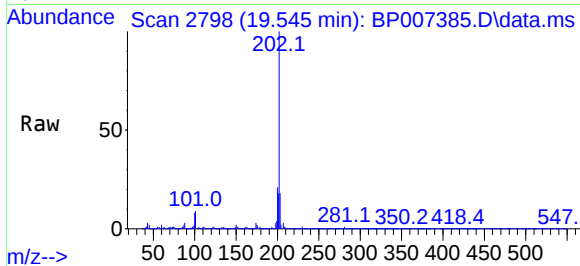




#78
Pyrene
Concen: 9.04 ng
RT: 19.545 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

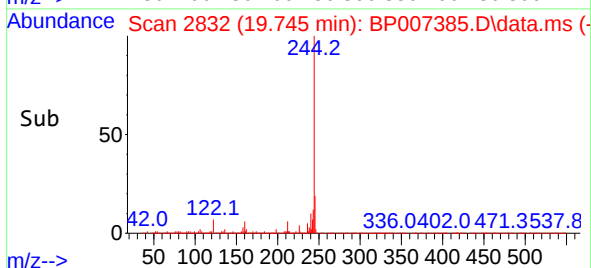
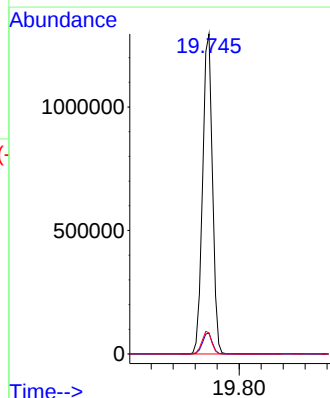
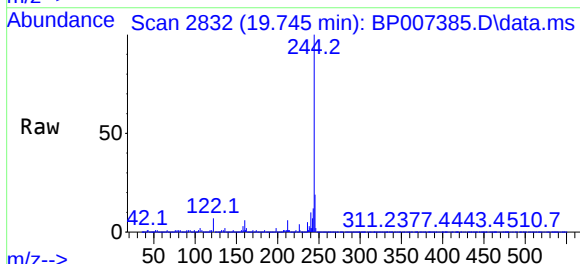
Instrument :
BNA_P
ClientSampleId :
CON-WALL

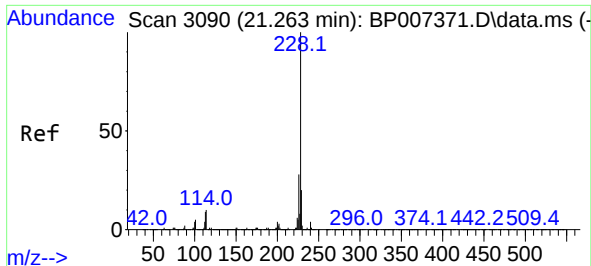
Tgt Ion:202 Resp: 362241
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.5 14.2 21.2



#79
Terphenyl-d14
Concen: 48.90 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:244 Resp: 1612673
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 6.6 7.1 10.7#

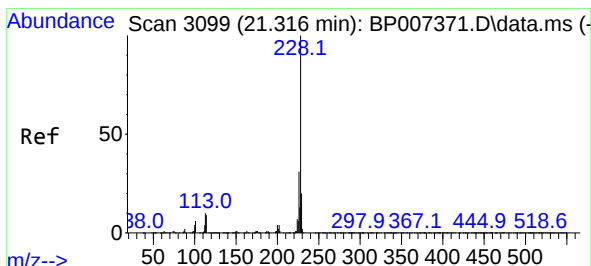
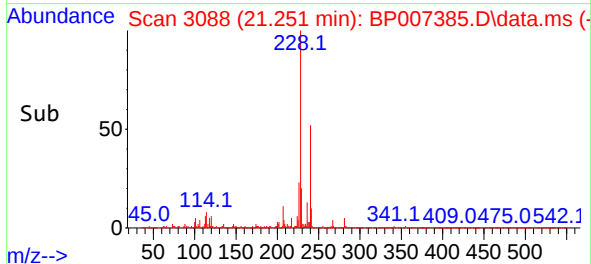
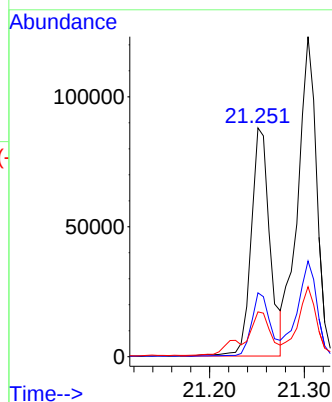
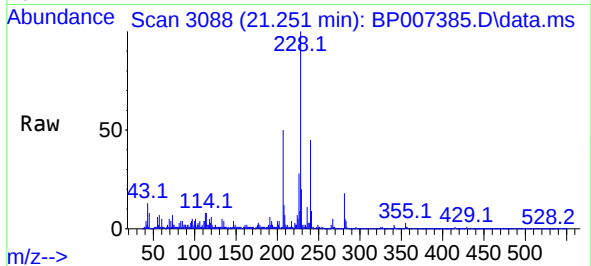




#81
Benzo(a)anthracene
Concen: 3.22 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

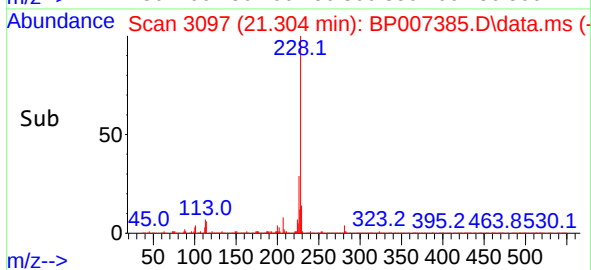
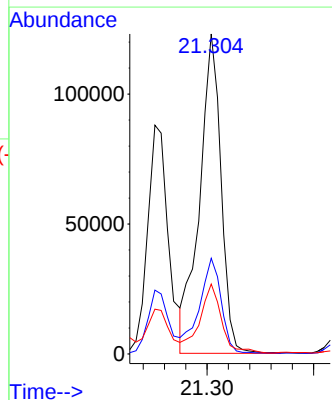
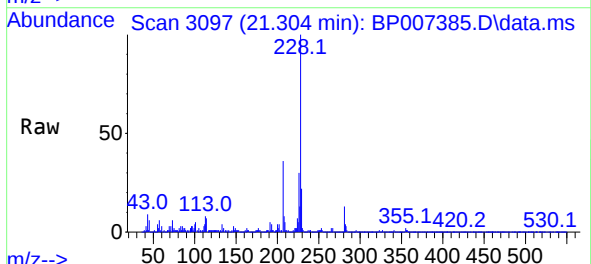
Instrument :
BNA_P
ClientSampleId :
CON-WALL

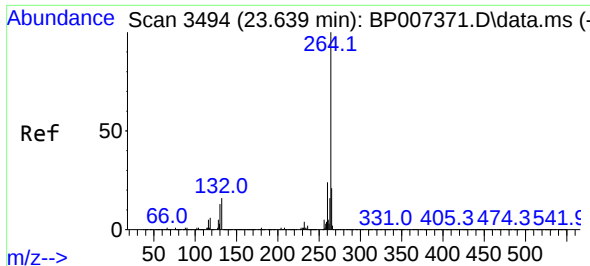
Tgt Ion:228	Resp: 120857
Ion Ratio	Lower Upper
228 100	
226 27.9	21.6 32.4
229 19.6	15.8 23.6



#83
Chrysene
Concen: 4.89 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:228	Resp: 172808
Ion Ratio	Lower Upper
228 100	
226 29.9	23.8 35.6
229 21.9	15.4 23.2

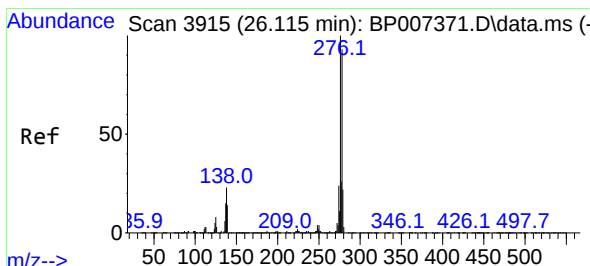
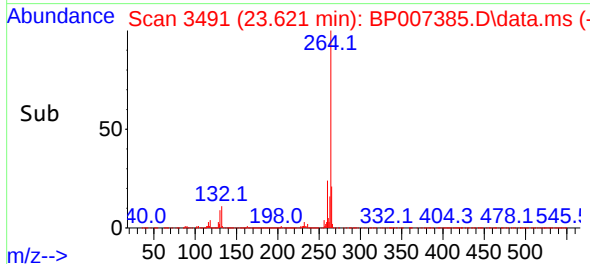
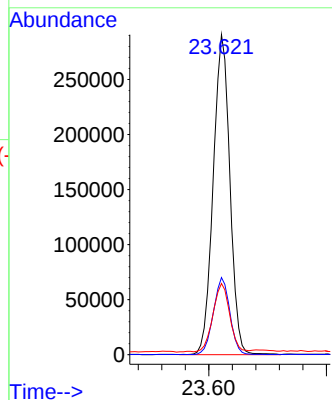
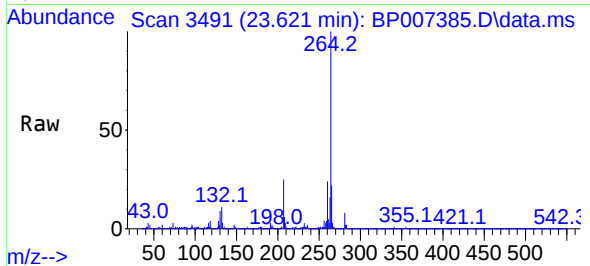




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

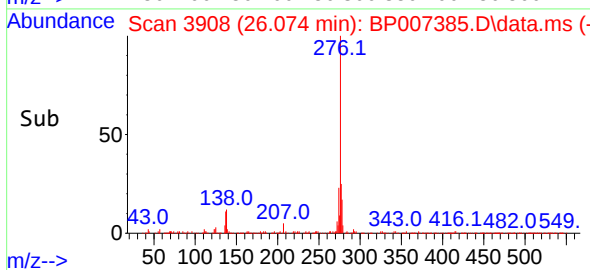
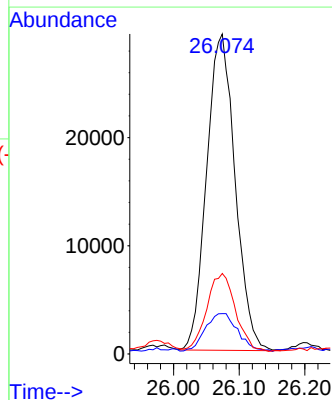
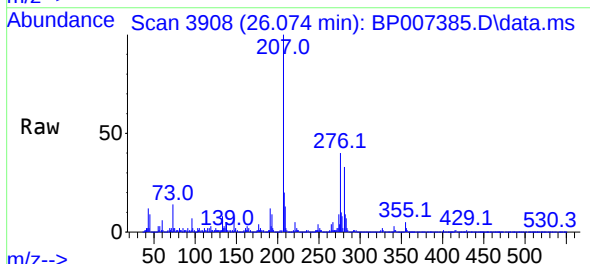
Instrument :
BNA_P
ClientSampleId :
CON-WALL

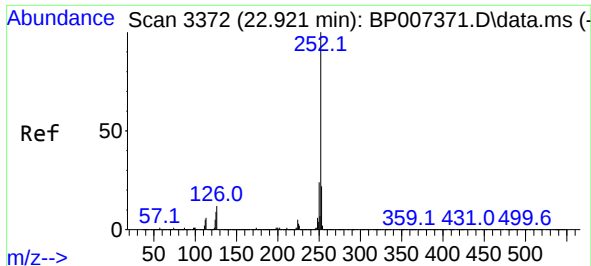
Tgt Ion:264 Resp: 573114
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.3 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.25 ng
RT: 26.074 min Scan# 3908
Delta R.T. -0.041 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Tgt Ion:276 Resp: 88310
Ion Ratio Lower Upper
276 100
138 13.7 15.3 22.9#
277 24.9 20.4 30.6

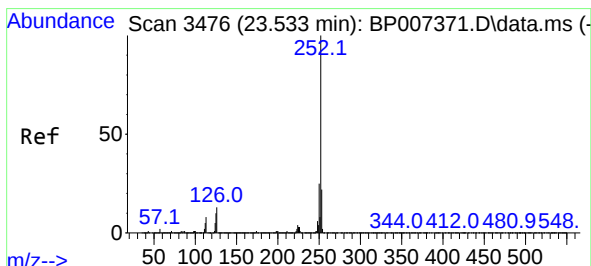
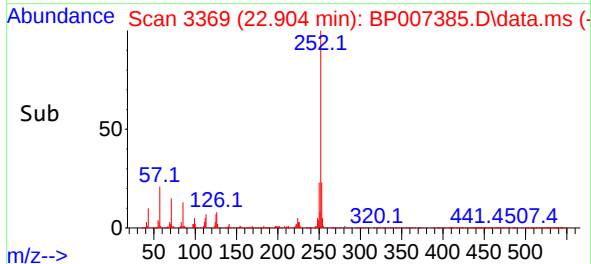
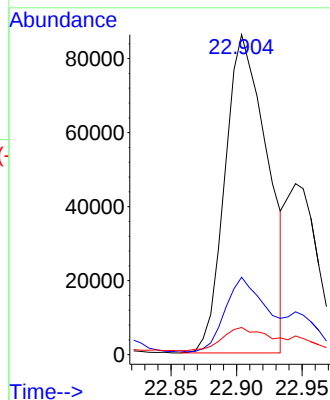
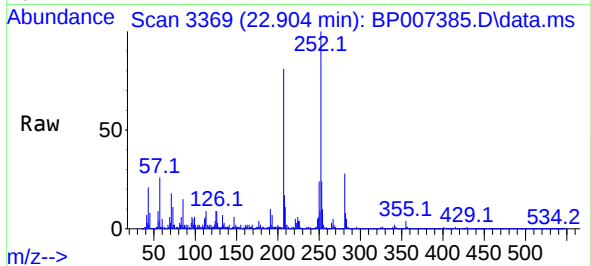




#88
Benzo(b)fluoranthene
Concen: 2.69 ng
RT: 22.904 min Scan# 3369
Delta R.T. -0.017 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

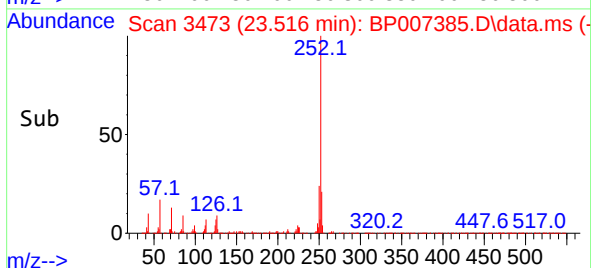
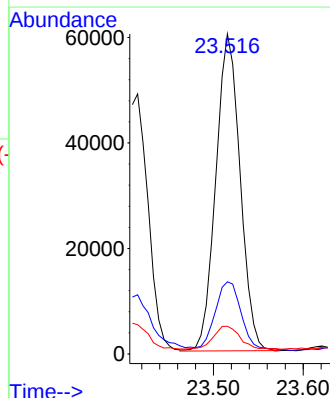
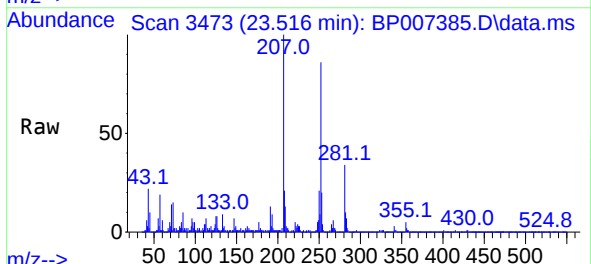
Instrument :
BNA_P
ClientSampleId :
CON-WALL

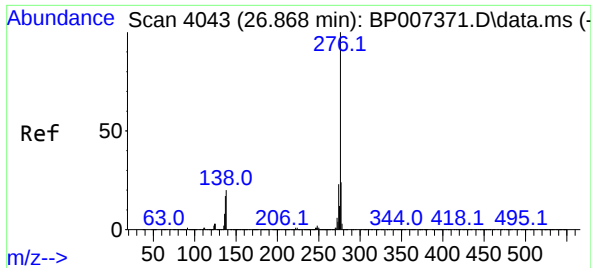
Tgt Ion:252 Resp: 192711
Ion Ratio Lower Upper
252 100
253 24.2 17.5 26.3
125 8.5 6.2 9.4



#90
Benzo(a)pyrene
Concen: 3.90 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.017 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

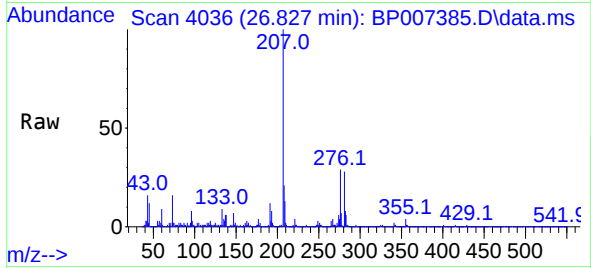
Tgt Ion:252 Resp: 112883
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.7 6.5 9.7





#92
Benzo(g,h,i)perylene
Concen: 3.63 ng
RT: 26.827 min Scan# 4036
Delta R.T. -0.041 min
Lab File: BP007385.D
Acq: 08 Oct 2021 21:34

Instrument :
BNA_P
ClientSampleId :
CON-WALL



Tgt Ion:276 Resp: 111540
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 20.0 12.6 18.8#

