

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007109.D
 Acq On : 22 Sep 2021 21:27
 Operator : CG/JU
 Sample : M3733-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUP-UST-02-(5-7)

Quant Time: Sep 23 01:07:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 16:50:24 2021
 Response via : Initial Calibration

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

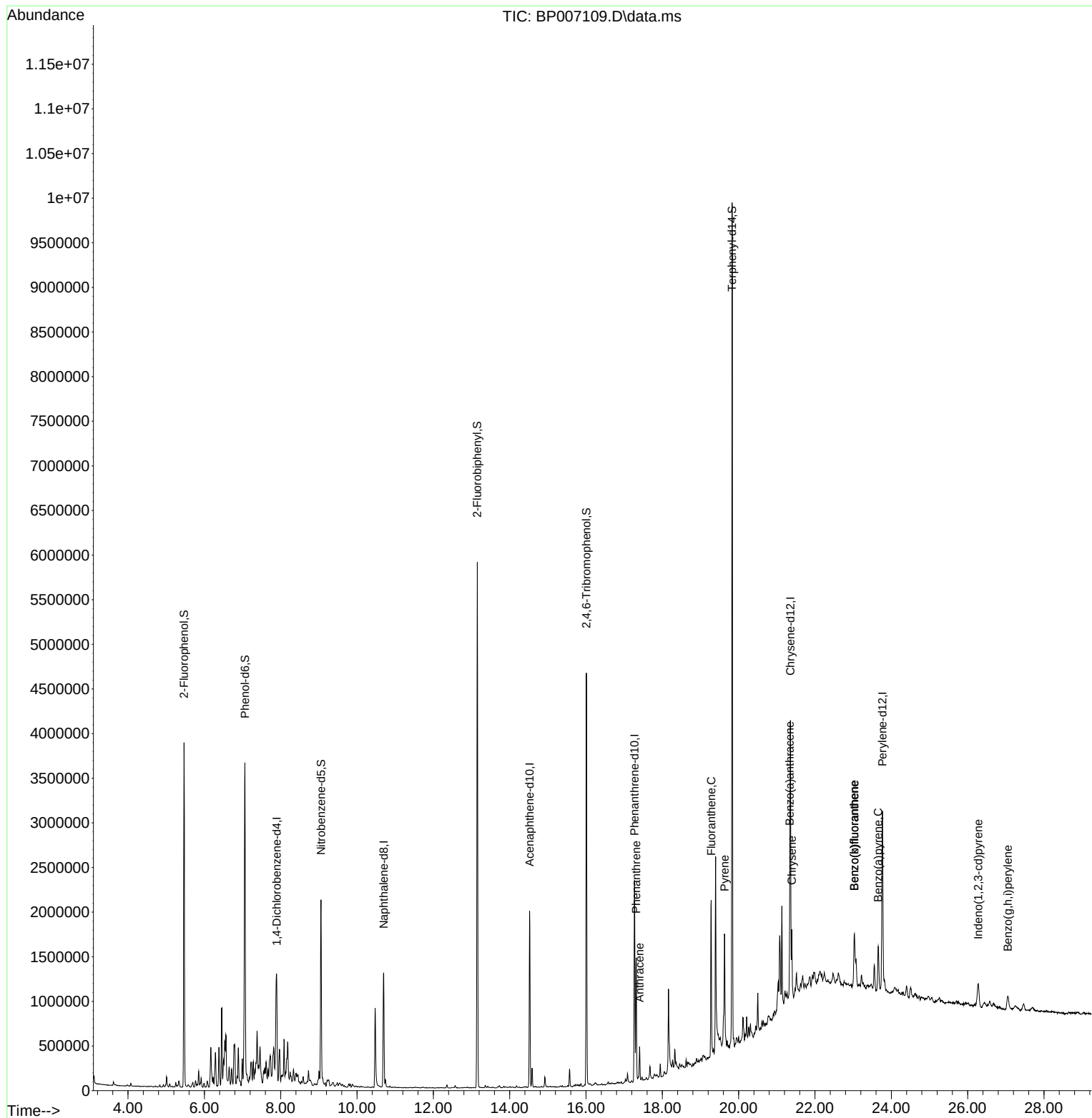
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	283176	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	1128929	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	696261	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	1433474	20.000	ng	#-0.01
76) Chrysene-d12	21.357	240	1412910	20.000	ng	# 0.00
86) Perylene-d12	23.769	264	1518519	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1751172	103.517	ng	0.00
7) Phenol-d6	7.064	99	2141220	92.610	ng	0.00
23) Nitrobenzene-d5	9.058	82	1199040	61.853	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	906487	100.423	ng	-0.01
45) 2-Fluorobiphenyl	13.151	172	3006700	61.866	ng	-0.01
79) Terphenyl-d14	19.828	244	4393232	59.583	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.316	178	851175	11.074	ng	99
72) Anthracene	17.404	178	235929	3.138	ng	99
75) Fluoranthene	19.281	202	956214	10.798	ng	96
78) Pyrene	19.633	202	786888	8.489	ng	99
81) Benzo(a)anthracene	21.339	228	473005	5.158	ng	99
83) Chrysene	21.392	228	390570	4.456	ng	97
87) Indeno(1,2,3-cd)pyrene	26.274	276	218811	2.005	ng	97
88) Benzo(b)fluoranthene	23.027	252	487230	5.369	ng	# 88
89) Benzo(k)fluoranthene	23.027	252	487230	5.303	ng	# 88
90) Benzo(a)pyrene	23.657	252	367713	4.769	ng	# 92
92) Benzo(g,h,i)perylene	27.051	276	206468	2.313	ng	# 90

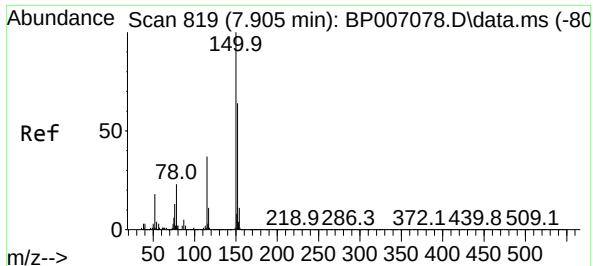
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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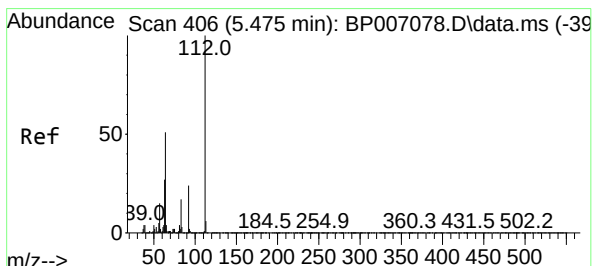
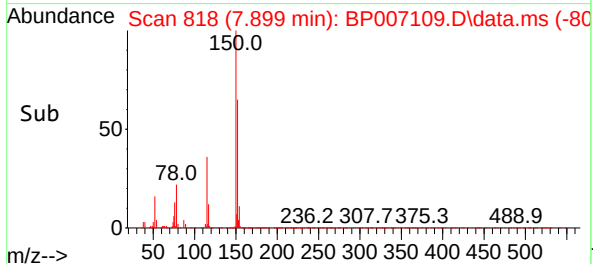
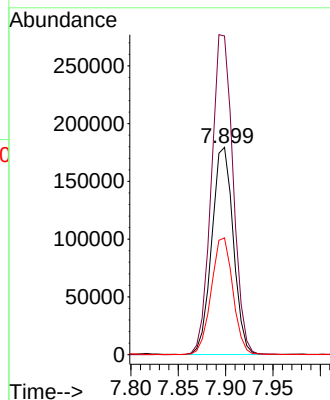
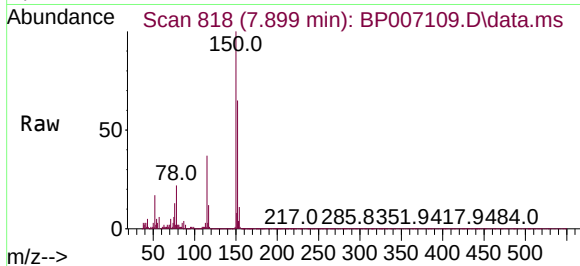




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

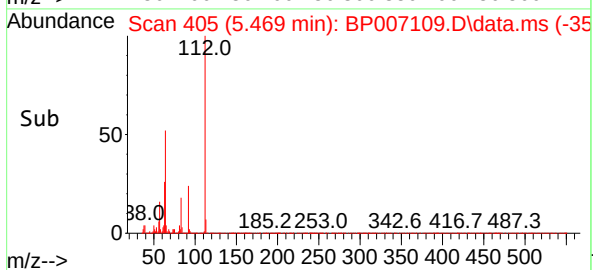
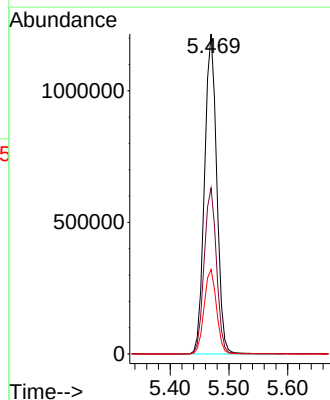
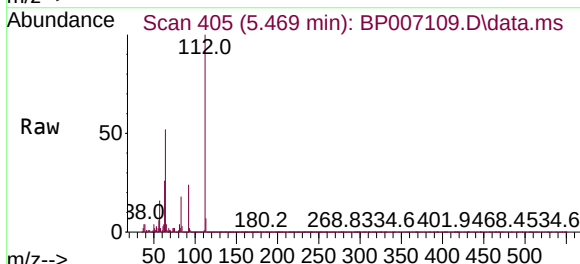
Instrument :
BNA_P
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SUP-UST-02-(5-7)

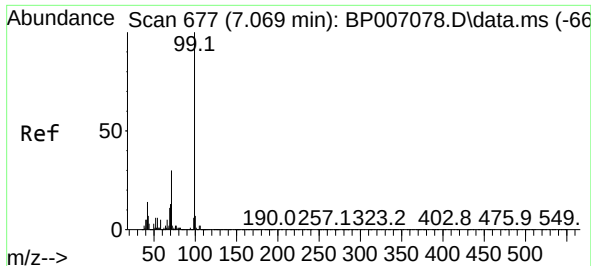
Tgt Ion:152 Resp: 283176
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 56.3 48.5 72.7



#5
2-Fluorophenol
Concen: 103.517 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

Tgt Ion:112 Resp: 1751172
Ion Ratio Lower Upper
112 100
64 51.9 41.4 62.2
63 26.4 23.8 35.8

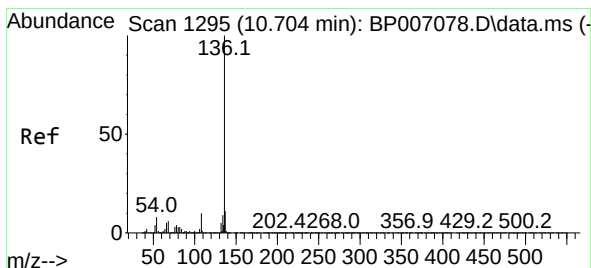
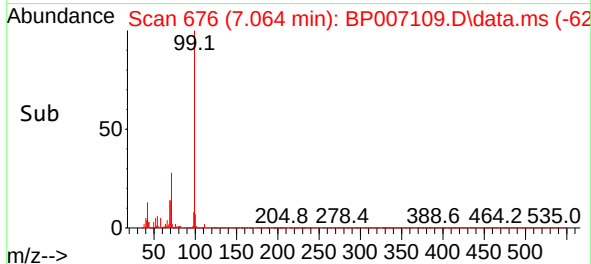
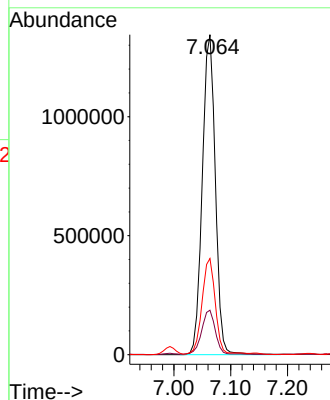
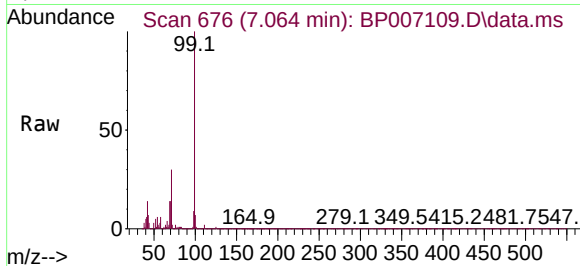




#7
Phenol-d6
Concen: 92.610 ng
RT: 7.064 min Scan# 676
Delta R.T. -0.005 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

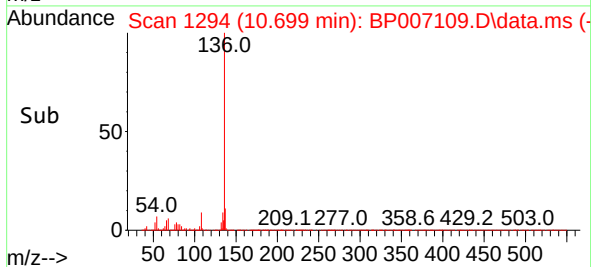
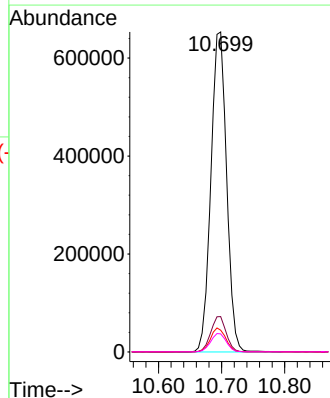
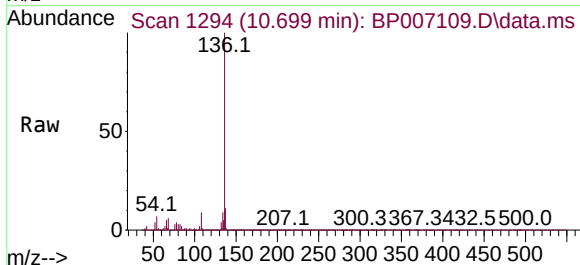
Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

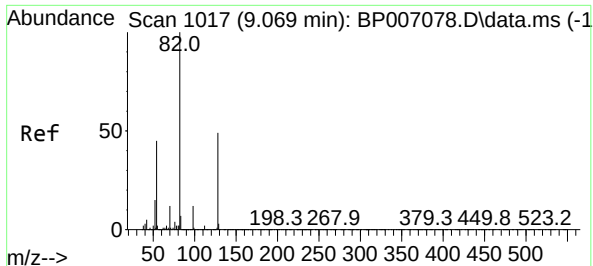
Tgt Ion: 99 Resp: 2141220
Ion Ratio Lower Upper
99 100
42 13.9 13.4 20.0
71 30.0 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

Tgt Ion: 136 Resp: 1128929
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.8 4.6 6.8
68 5.7 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 61.853 ng

RT: 9.058 min Scan# 1015

Delta R.T. -0.011 min

Lab File: BP007109.D

Acq: 22 Sep 2021 21:27

Tgt Ion: 82 Resp: 1199040

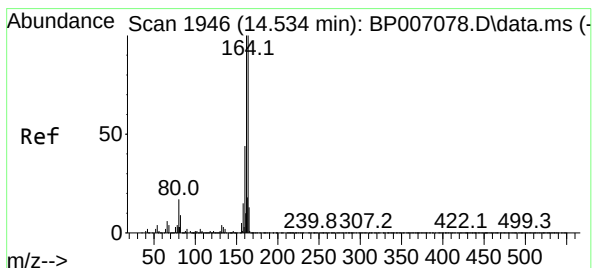
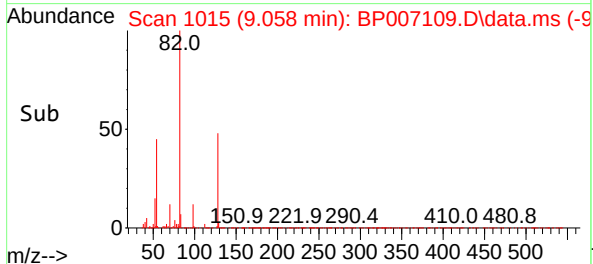
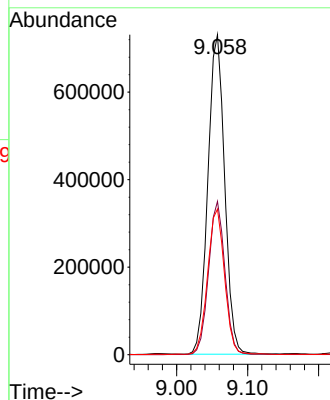
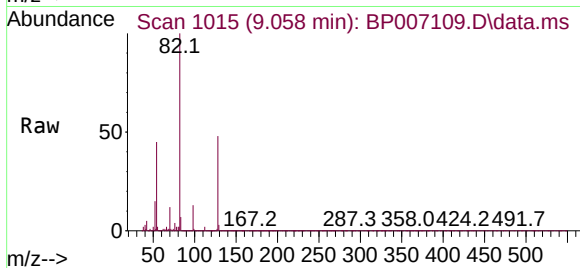
Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.7	53.5
54	45.5	35.0	52.4

Instrument :

BNA_P

ClientSampleId :

SUP-UST-02-(5-7)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.522 min Scan# 1944

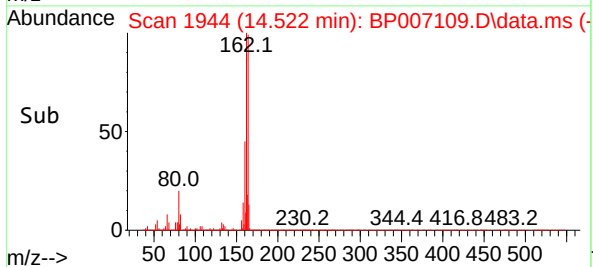
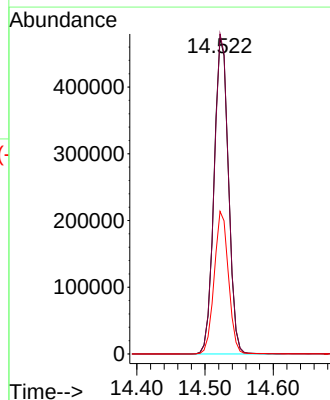
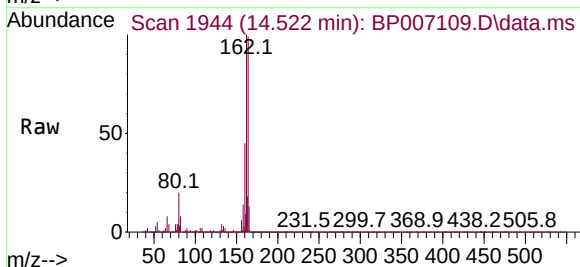
Delta R.T. -0.012 min

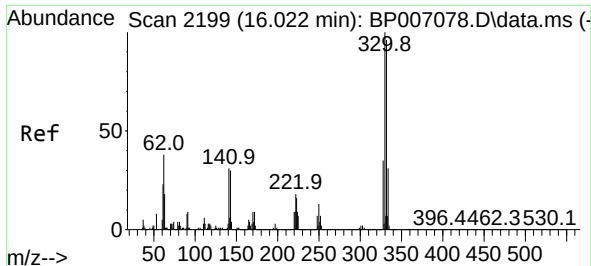
Lab File: BP007109.D

Acq: 22 Sep 2021 21:27

Tgt Ion: 164 Resp: 696261

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	45.1	34.5	51.7

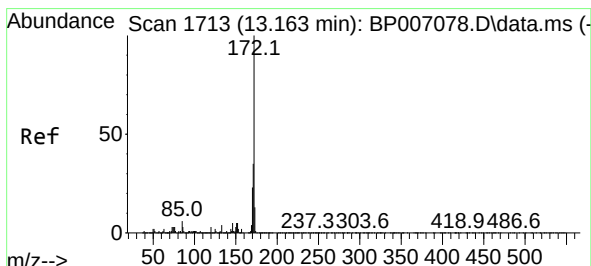
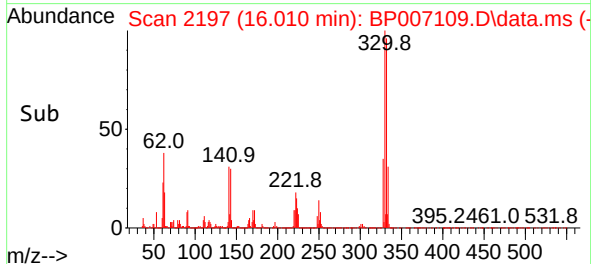
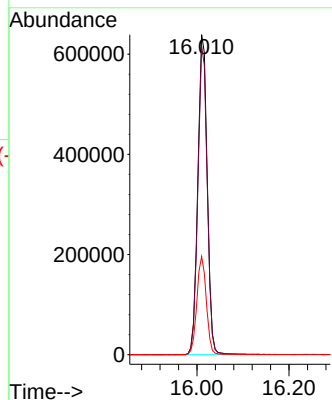
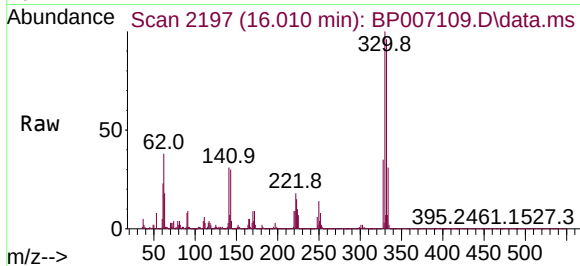




#42
2,4,6-Tribromophenol
Concen: 100.423 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

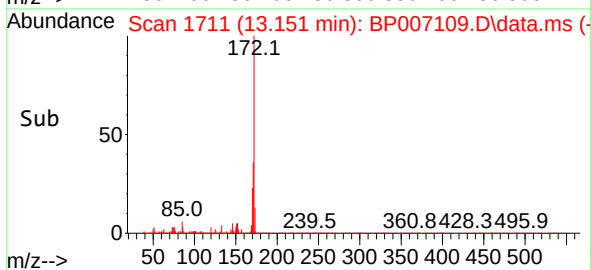
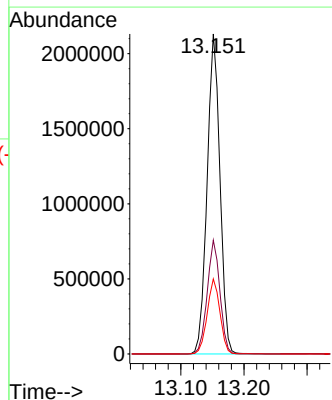
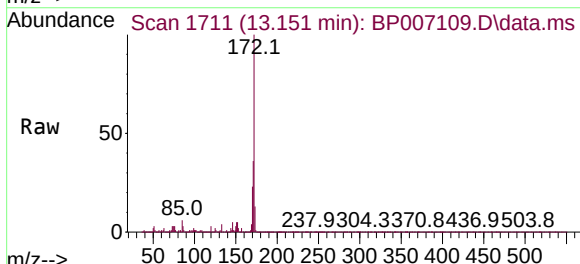
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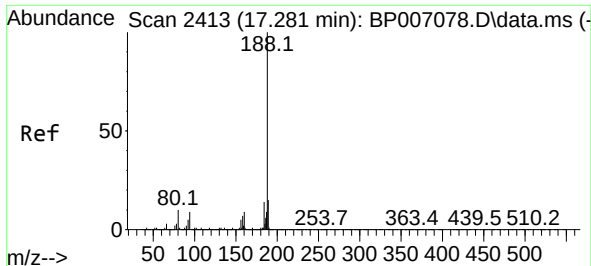
Tgt Ion:330 Resp: 906487
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.8
141 30.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 61.866 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

Tgt Ion:172 Resp: 3006700
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.5 18.6 27.8

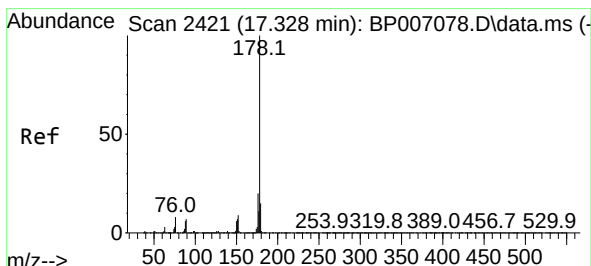
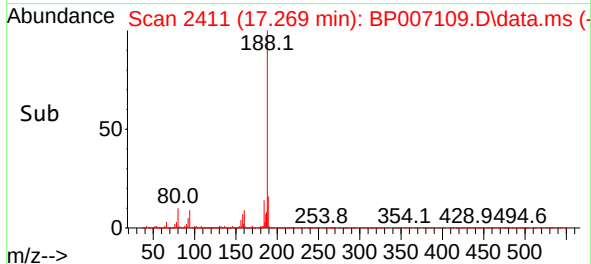
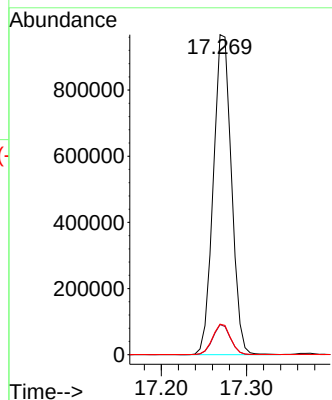
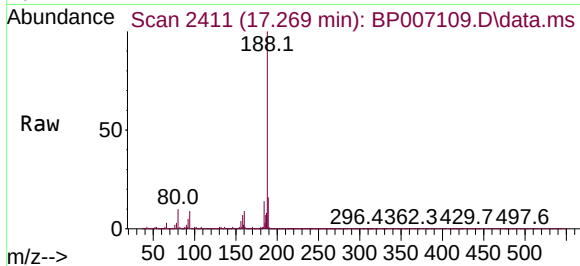




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

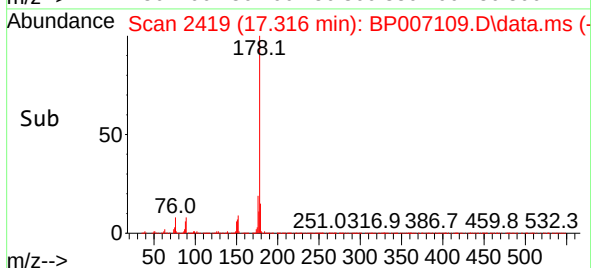
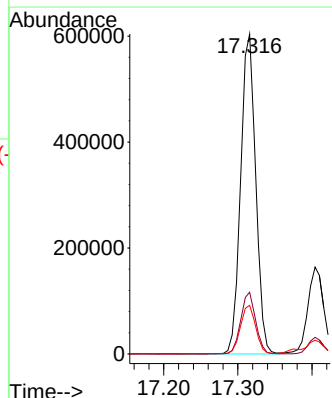
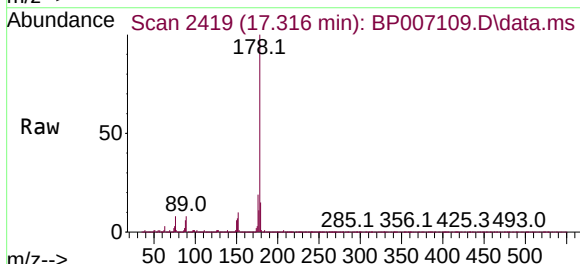
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ClientSampleId :
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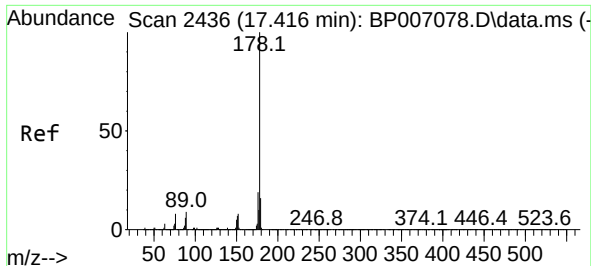
Tgt Ion:188 Resp: 1433474
Ion Ratio Lower Upper
188 100
94 9.4 5.6 8.4#
80 9.5 6.3 9.5#



#71
Phenanthrene
Concen: 11.074 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

Tgt Ion:178 Resp: 851175
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.2 12.4 18.6

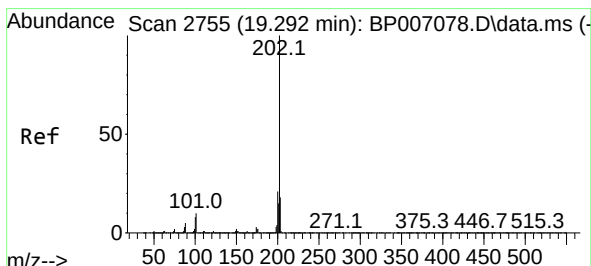
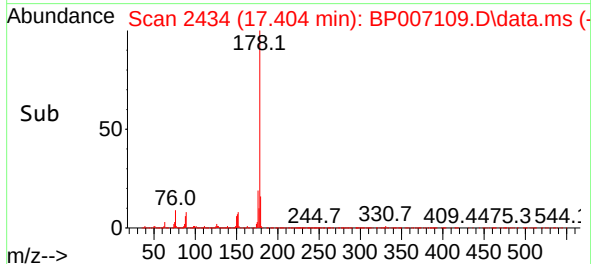
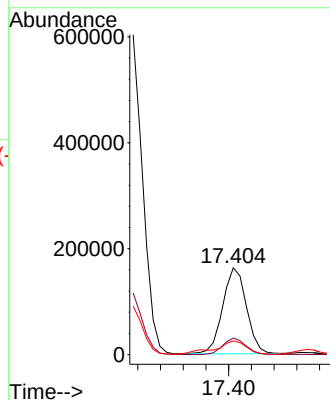
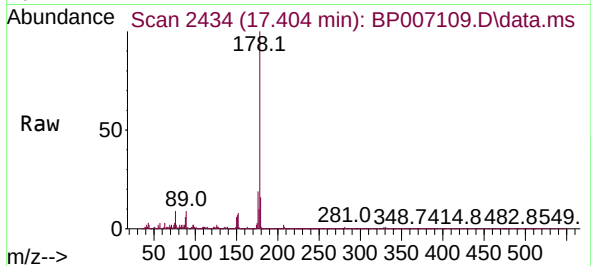




#72
 Anthracene
 Concen: 3.138 ng
 RT: 17.404 min Scan# 2434
 Delta R.T. -0.012 min
 Lab File: BP007109.D
 Acq: 22 Sep 2021 21:27

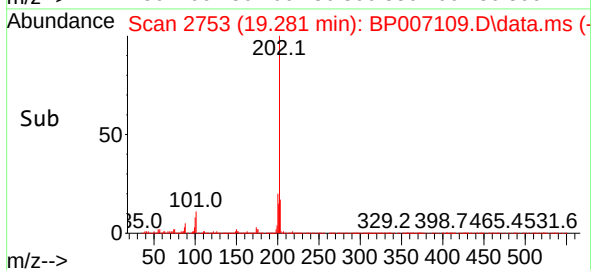
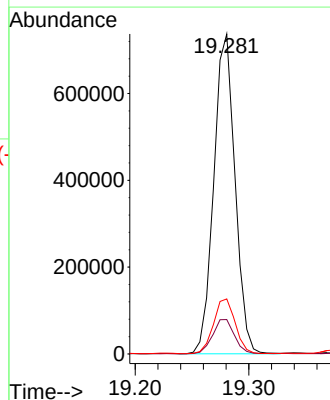
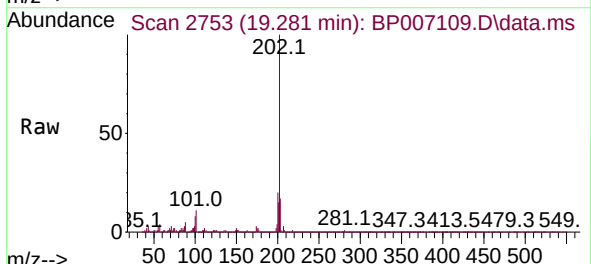
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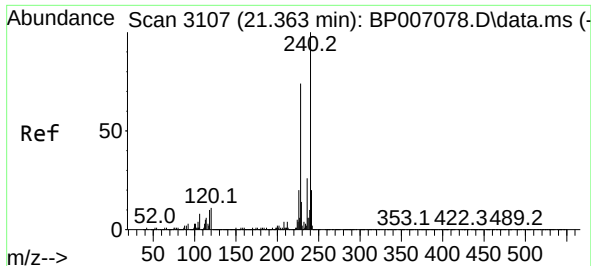
Tgt Ion:178	Resp:	235929
Ion Ratio	Lower	Upper
178	100	
176	19.1	14.9 22.3
179	15.8	12.2 18.2



#75
 Fluoranthene
 Concen: 10.798 ng
 RT: 19.281 min Scan# 2753
 Delta R.T. -0.012 min
 Lab File: BP007109.D
 Acq: 22 Sep 2021 21:27

Tgt Ion:202	Resp:	956214
Ion Ratio	Lower	Upper
202	100	
101	10.7	0.0 27.6
203	17.2	0.0 37.8

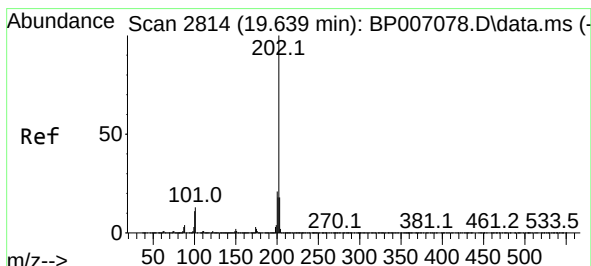
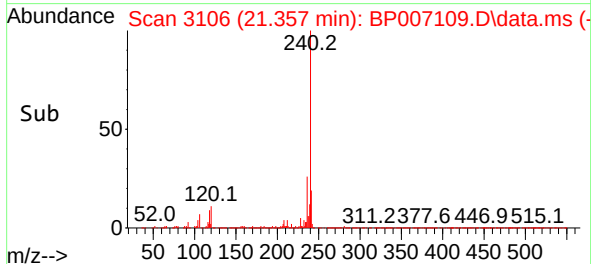
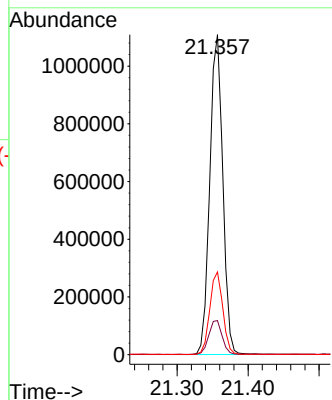
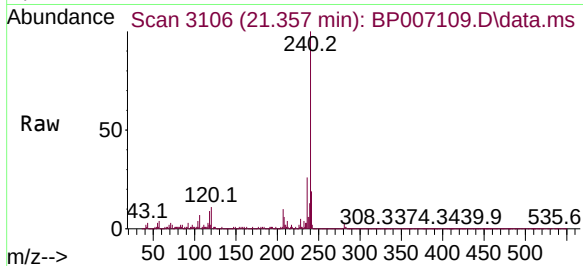




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

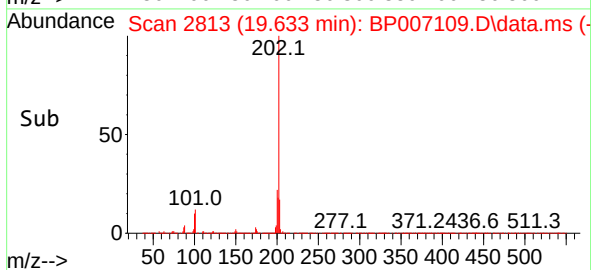
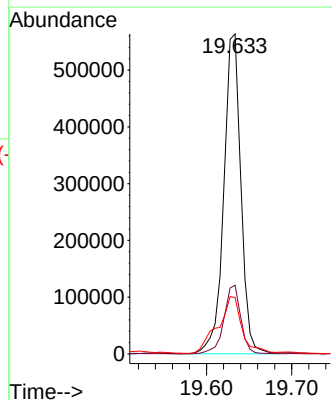
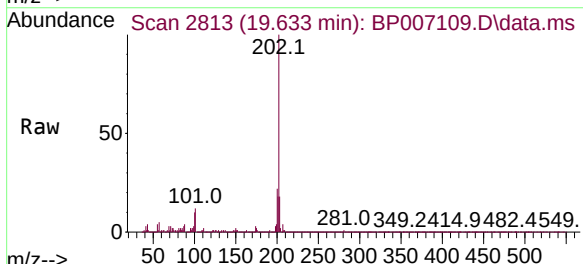
Instrument :
BNA_P
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SUP-UST-02-(5-7)

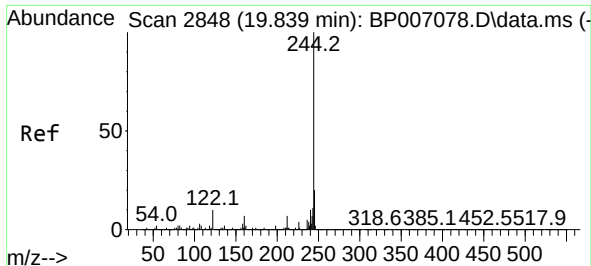
Tgt Ion:240 Resp: 1412910
Ion Ratio Lower Upper
240 100
120 10.7 6.5 9.7#
236 25.8 20.6 31.0



#78
Pyrene
Concen: 8.489 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

Tgt Ion:202 Resp: 786888
Ion Ratio Lower Upper
202 100
200 21.5 16.3 24.5
203 17.7 14.2 21.2

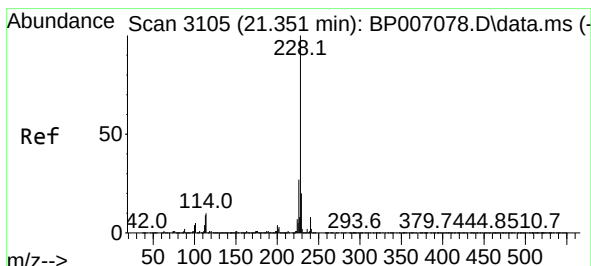
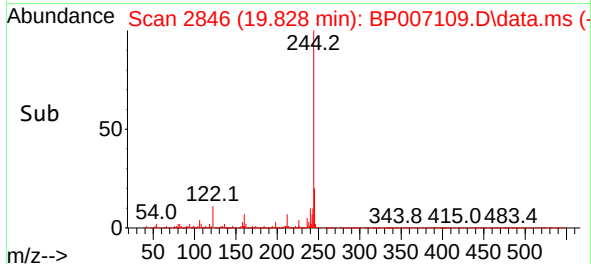
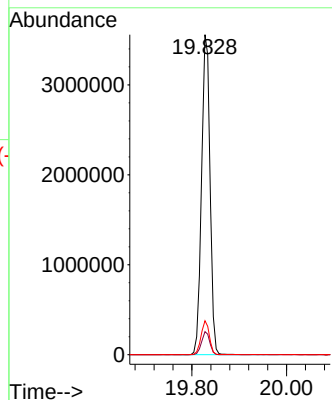
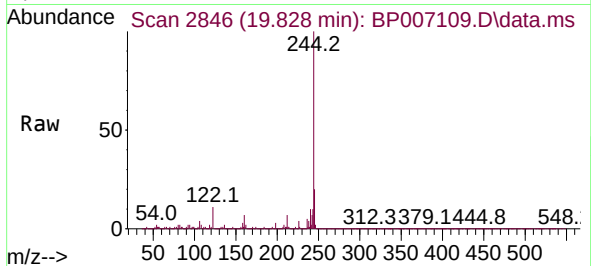




#79
 Terphenyl-d14
 Concen: 59.583 ng
 RT: 19.828 min Scan# 2846
 Delta R.T. -0.011 min
 Lab File: BP007109.D
 Acq: 22 Sep 2021 21:27

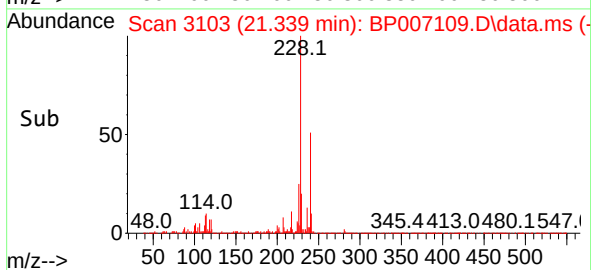
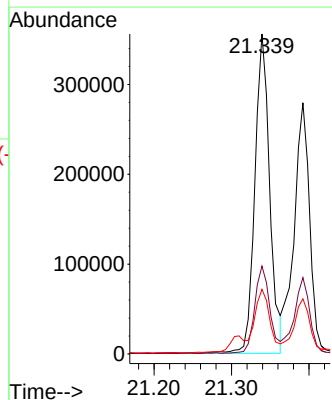
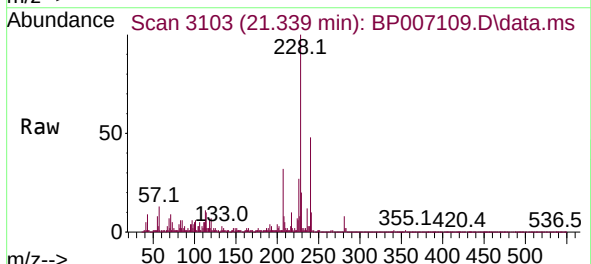
Instrument :
 BNA_P
 ClientSampleId :
 SUP-UST-02-(5-7)

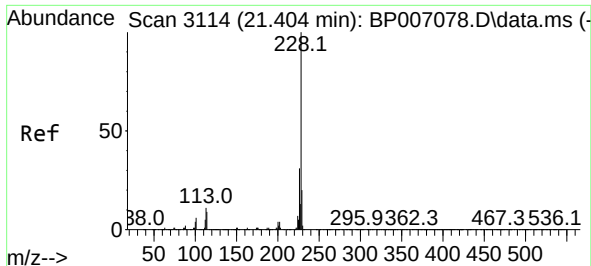
Tgt Ion:244 Resp: 4393232
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.6 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 5.158 ng
 RT: 21.339 min Scan# 3103
 Delta R.T. -0.012 min
 Lab File: BP007109.D
 Acq: 22 Sep 2021 21:27

Tgt Ion:228 Resp: 473005
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.6 32.4
 229 20.2 15.8 23.6

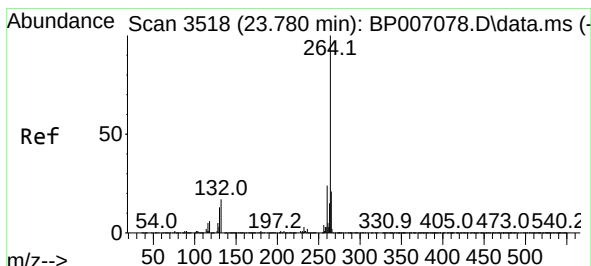
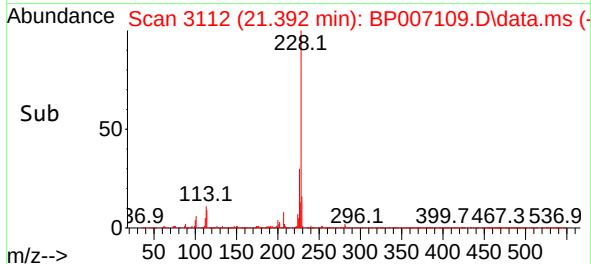
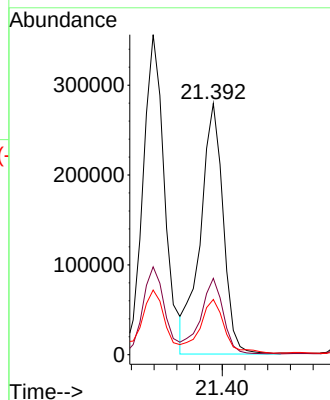
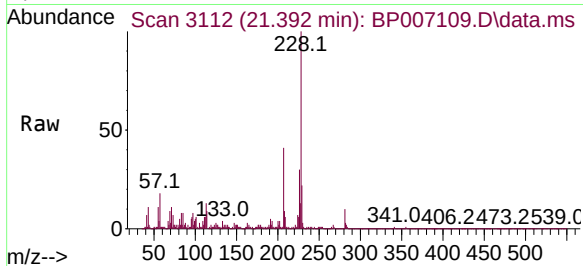




#83
Chrysene
Concen: 4.456 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

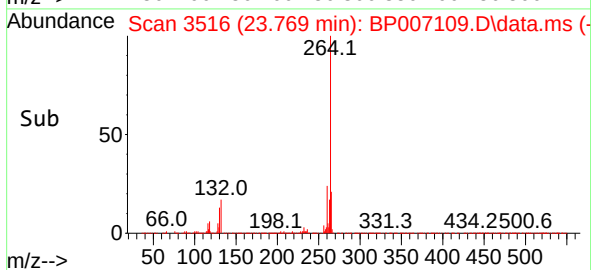
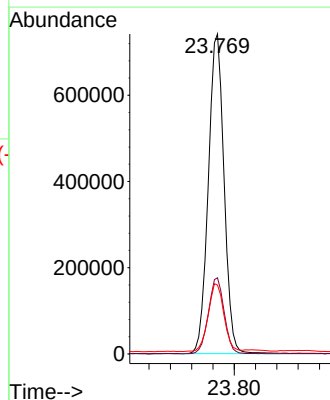
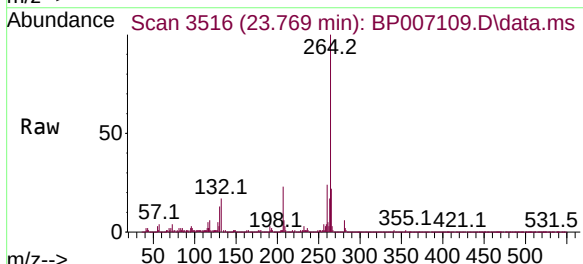
Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

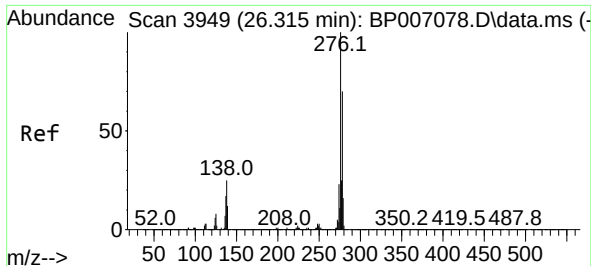
Tgt Ion:	228	Resp:	390570
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.8	35.6
229	22.0	15.4	23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.769 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

Tgt Ion:	264	Resp:	1518519
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	28.0
265	21.5	17.6	26.4

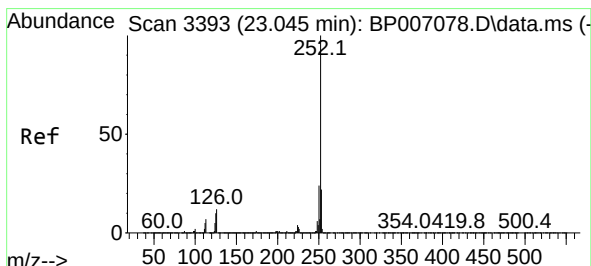
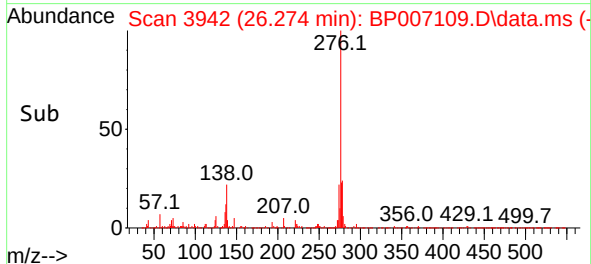
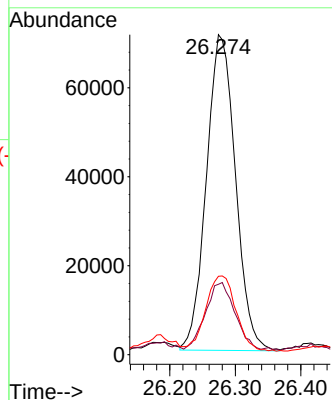
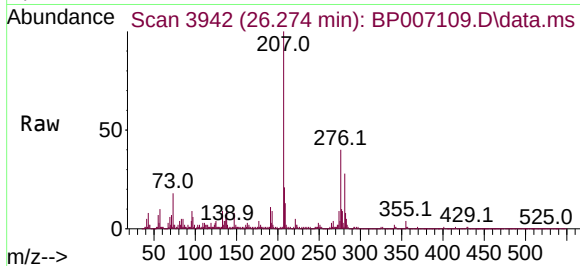




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.005 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.041 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

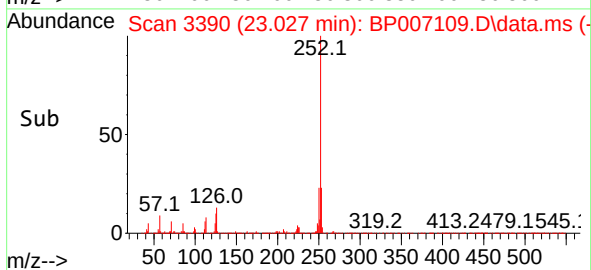
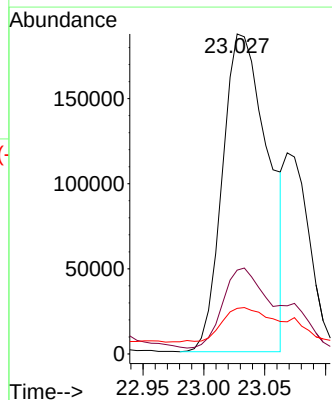
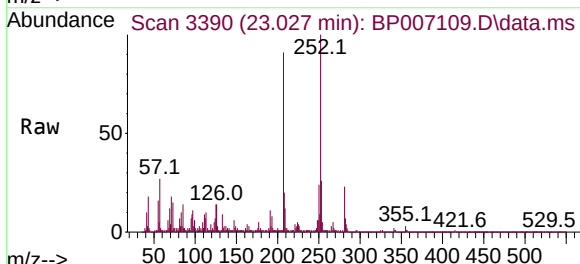
Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

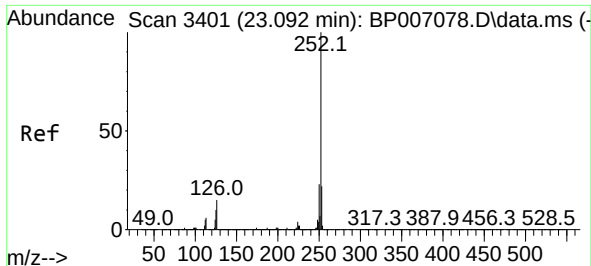
Tgt Ion:276 Resp: 218811
Ion Ratio Lower Upper
276 100
138 21.1 15.3 22.9
277 24.7 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 5.369 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.018 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

Tgt Ion:252 Resp: 487230
Ion Ratio Lower Upper
252 100
253 26.2 17.5 26.3
125 14.3 6.2 9.4#

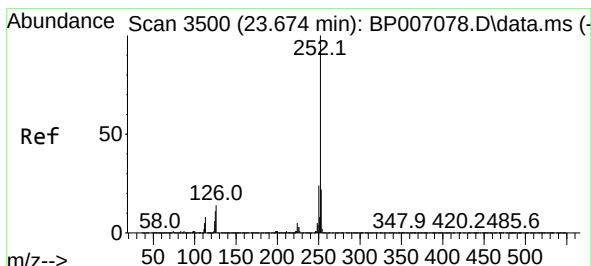
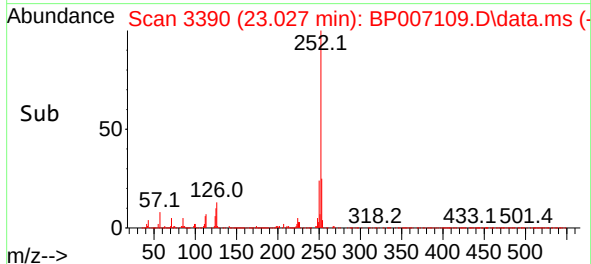
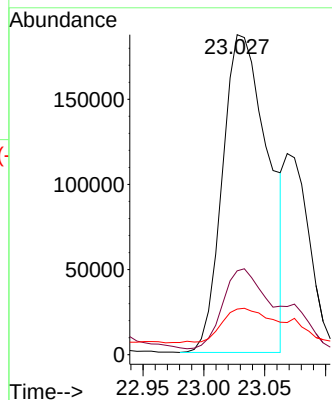
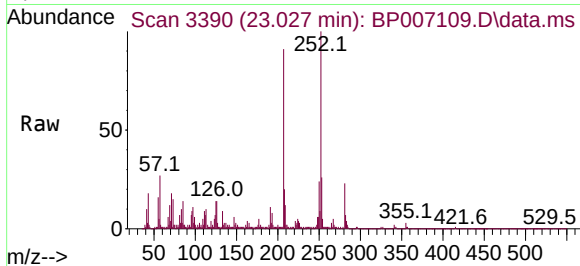




#89
Benzo(k)fluoranthene
Concen: 5.303 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.065 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

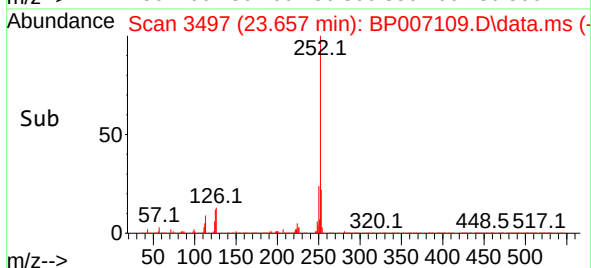
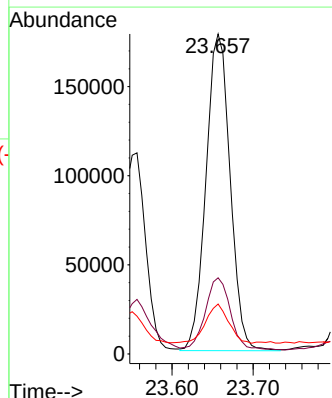
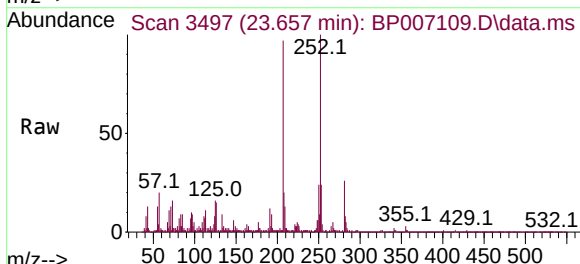
Instrument :
BNA_P
ClientSampleId :
SUP-UST-02-(5-7)

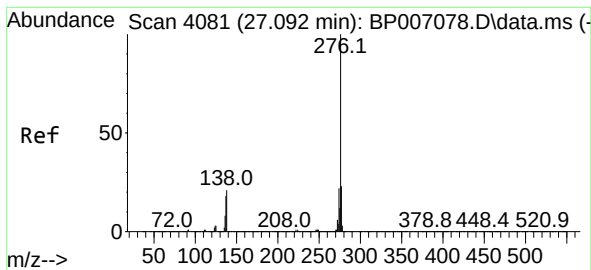
Tgt Ion:252 Resp: 487230
Ion Ratio Lower Upper
252 100
253 26.2 17.6 26.4
125 14.3 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 4.769 ng
RT: 23.657 min Scan# 3497
Delta R.T. -0.018 min
Lab File: BP007109.D
Acq: 22 Sep 2021 21:27

Tgt Ion:252 Resp: 367713
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 15.6 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 2.313 ng
 RT: 27.051 min Scan# 4074
 Delta R.T. -0.041 min
 Lab File: BP007109.D
 Acq: 22 Sep 2021 21:27

Instrument :
 BNA_P
 ClientSampleId :
 SUP-UST-02-(5-7)

Tgt Ion:	276	Resp:	206468
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.9	28.3
138	24.1	12.6	18.8#

