

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
 Data File : BP007306.D
 Acq On : 04 Oct 2021 15:47
 Operator : CG/JU
 Sample : M4035-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 12000

Quant Time: Oct 04 16:32:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

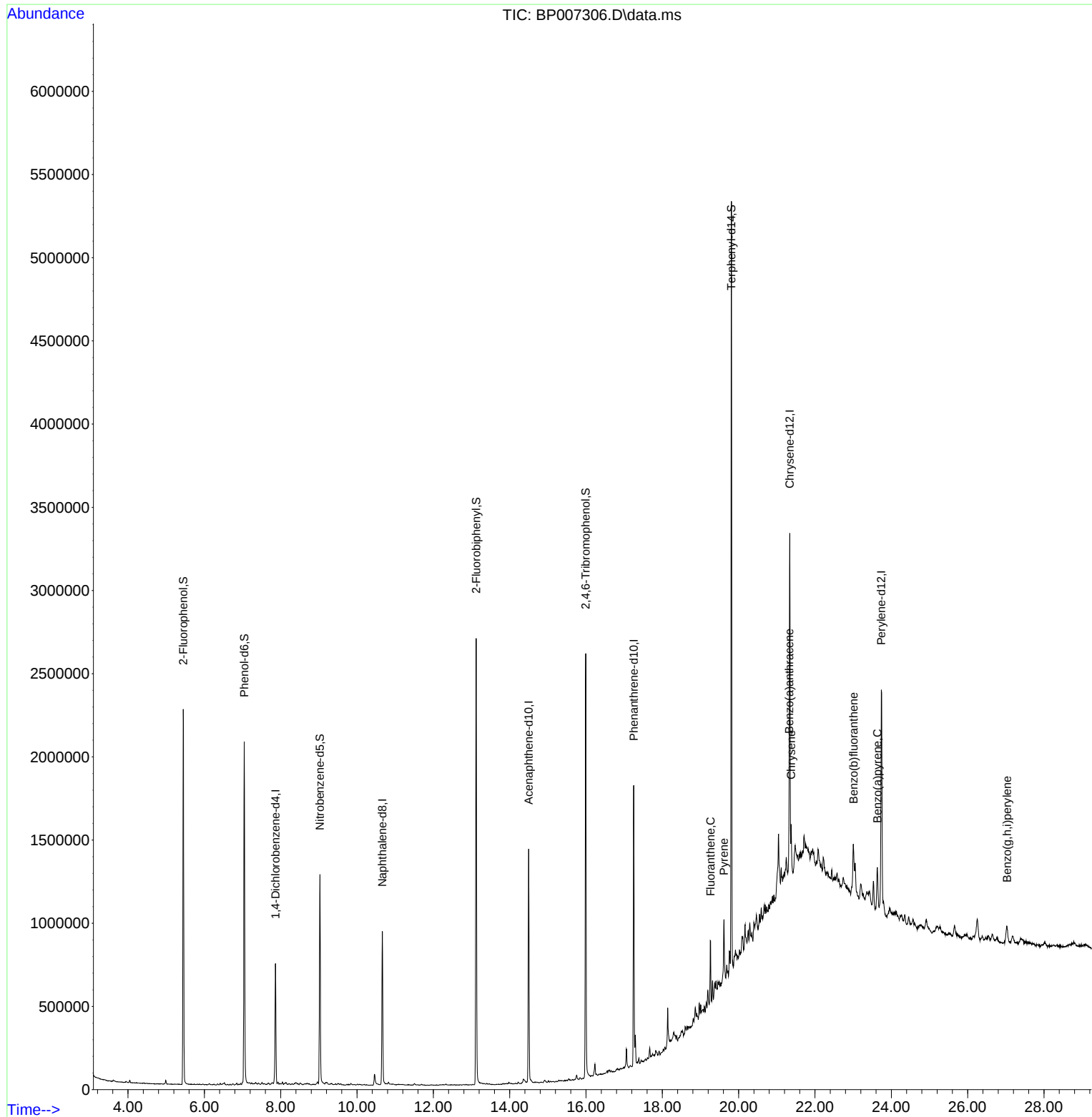
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	199599	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	786314	20.00	ng	# 0.00
39) Acenaphthene-d10	14.498	164	501374	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	1021519	20.00	ng	# 0.00
76) Chrysene-d12	21.339	240	964923	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	1012341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1059738	88.88	ng	0.00
7) Phenol-d6	7.046	99	1289367	79.12	ng	0.00
23) Nitrobenzene-d5	9.028	82	757443	56.10	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	522364	80.36	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1443826	41.26	ng	0.00
79) Terphenyl-d14	19.810	244	2161732	42.93	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.263	202	225983	3.58	ng	97
78) Pyrene	19.616	202	224900	3.55	ng	98
81) Benzo(a)anthracene	21.322	228	143348	2.29	ng	94
83) Chrysene	21.374	228	160113	2.67	ng	95
88) Benzo(b)fluoranthene	23.010	252	237095	3.92	ng	# 89
90) Benzo(a)pyrene	23.633	252	159779	3.11	ng	# 90
92) Benzo(g,h,i)perylene	27.033	276	135766	2.28	ng	# 94

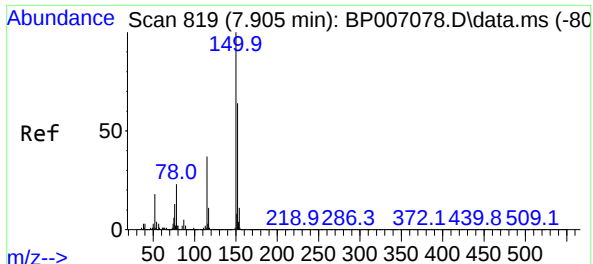
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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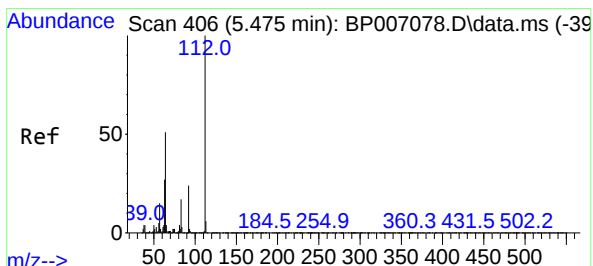
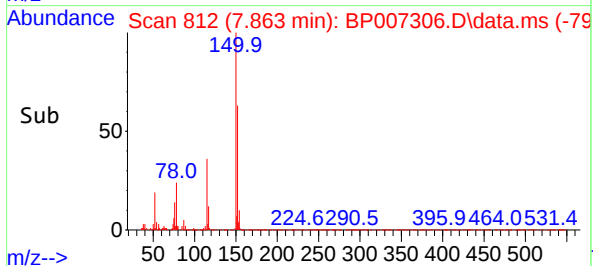
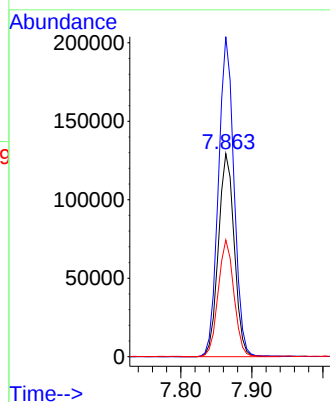
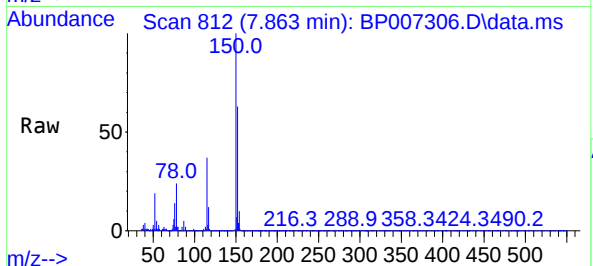




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

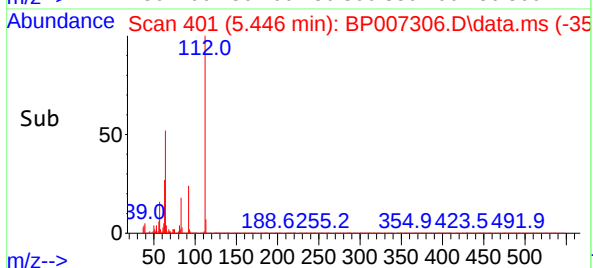
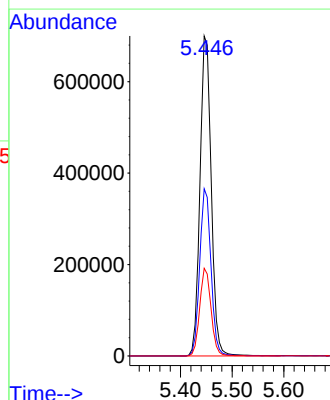
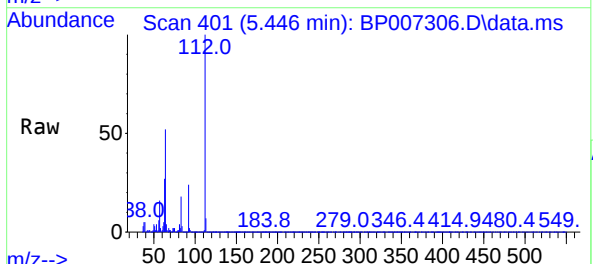
Instrument :
BNA_P
ClientSampleId :
12000

Tgt Ion:152 Resp: 199599
Ion Ratio Lower Upper
152 100
150 157.6 125.6 188.4
115 57.5 48.5 72.7



#5
2-Fluorophenol
Concen: 88.88 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Tgt Ion:112 Resp: 1059738
Ion Ratio Lower Upper
112 100
64 52.3 41.4 62.2
63 27.4 23.8 35.8

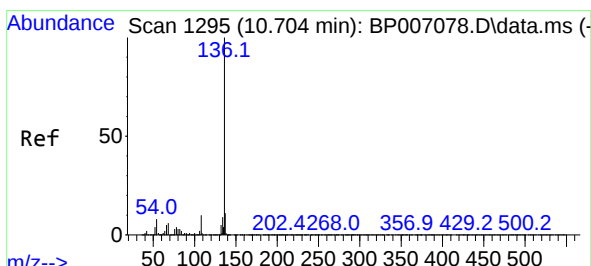
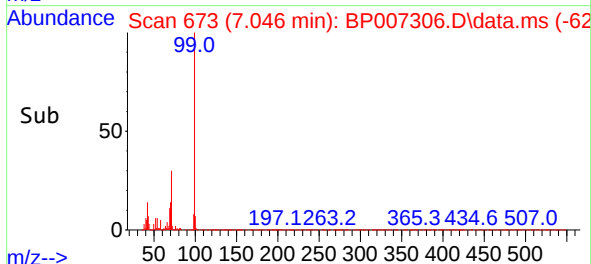
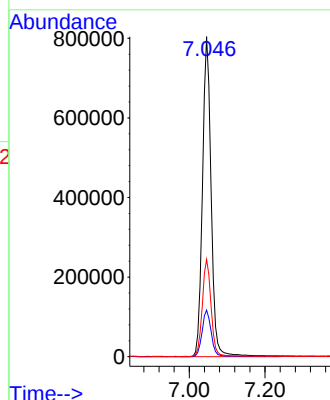
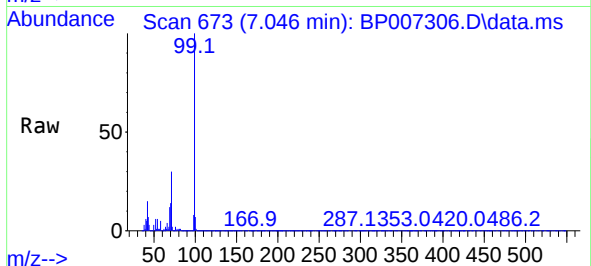




#7
Phenol-d6
Concen: 79.12 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

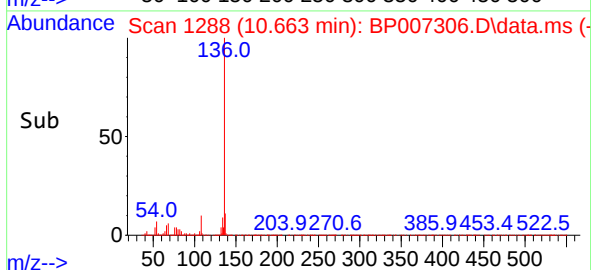
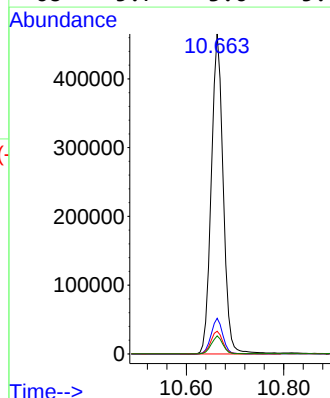
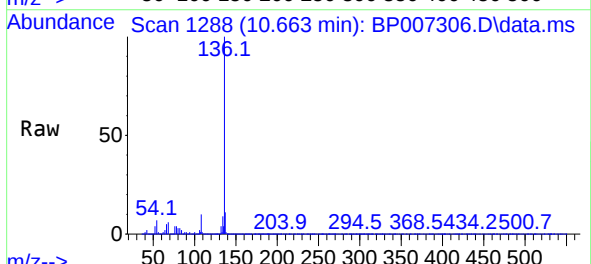
Instrument :
BNA_P
ClientSampleId :
12000

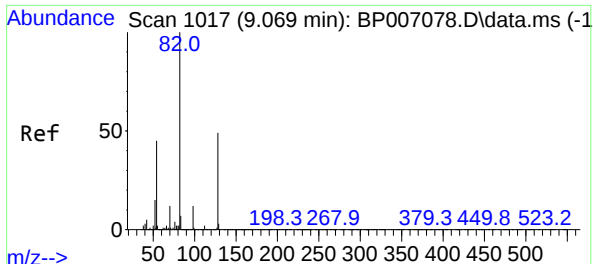
Tgt Ion: 99 Resp: 1289367
Ion Ratio Lower Upper
99 100
42 14.6 13.4 20.0
71 30.4 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Tgt Ion: 136 Resp: 786314
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.1 4.6 6.8#
68 5.7 3.6 5.4#

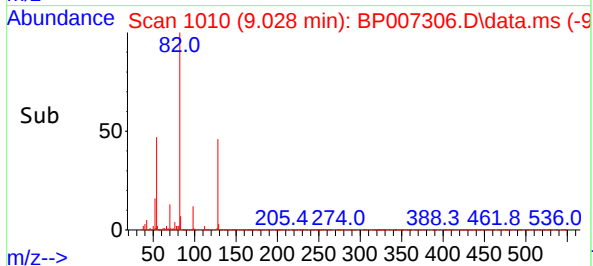
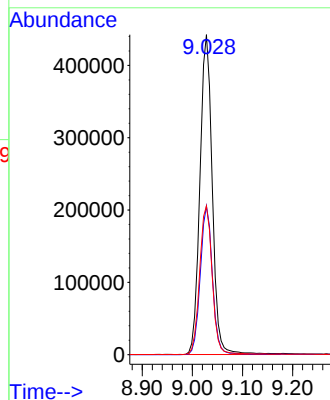
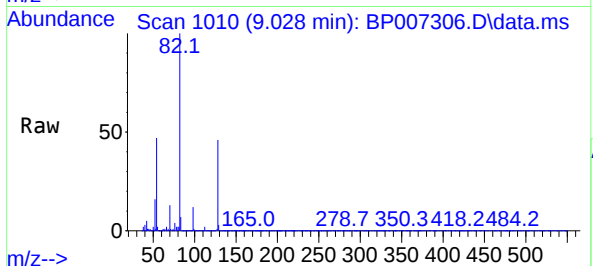




#23
Nitrobenzene-d5
Concen: 56.10 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

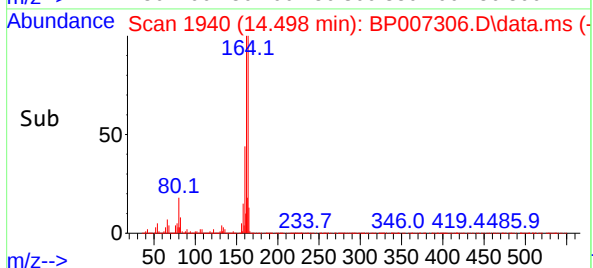
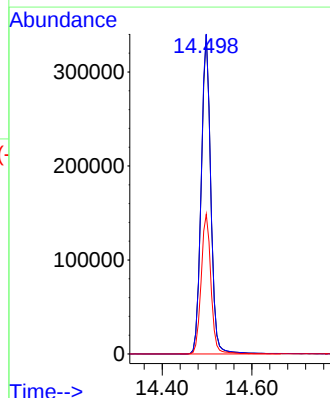
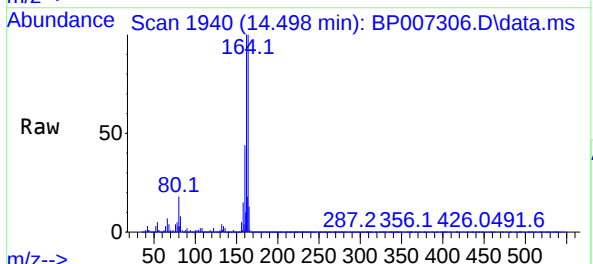
Instrument :
BNA_P
ClientSampleId :
12000

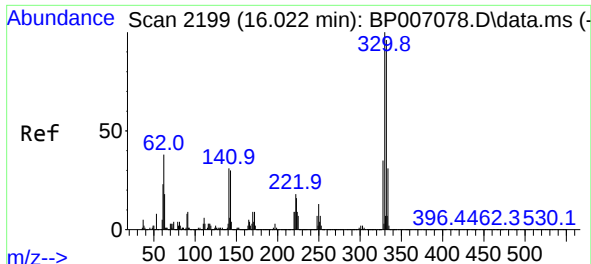
Tgt Ion: 82 Resp: 757443
Ion Ratio Lower Upper
82 100
128 46.4 35.7 53.5
54 46.5 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Tgt Ion: 164 Resp: 501374
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 43.8 34.5 51.7

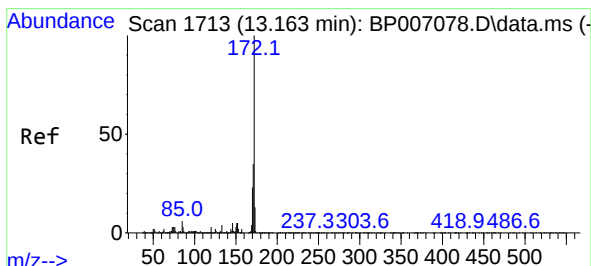
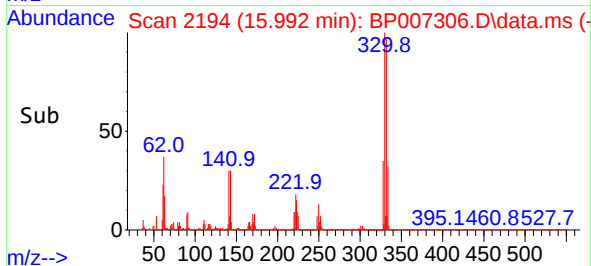
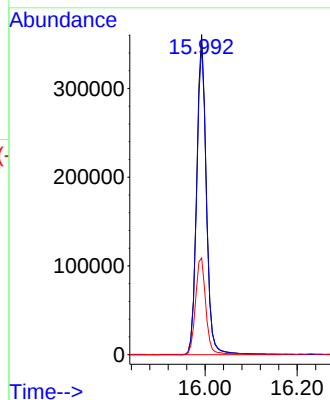
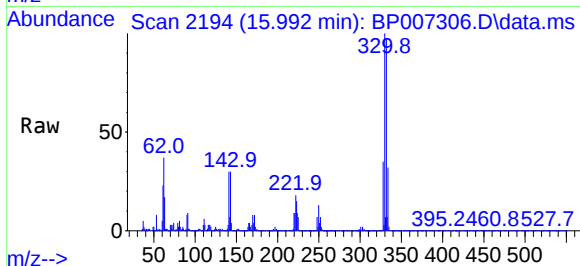




#42
2,4,6-Tribromophenol
Concen: 80.36 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

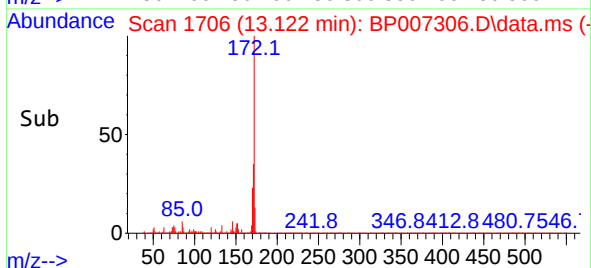
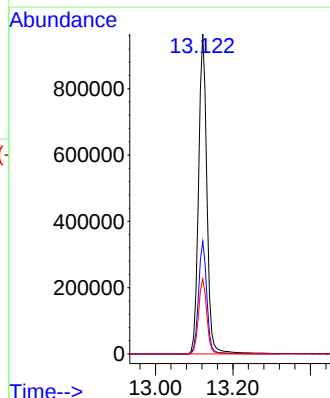
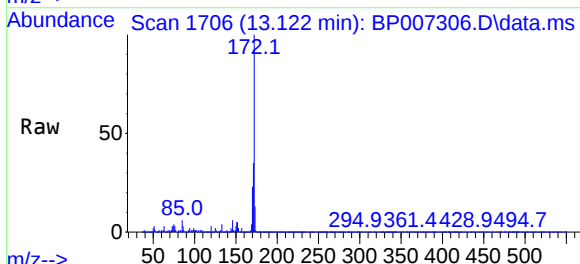
Instrument :
BNA_P
ClientSampleId :
12000

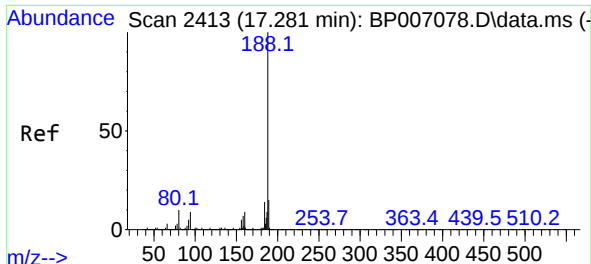
Tgt Ion:330 Resp: 522364
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 31.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 41.26 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Tgt Ion:172 Resp: 1443826
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.4 18.6 27.8

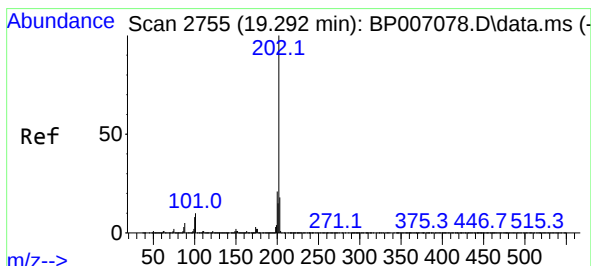
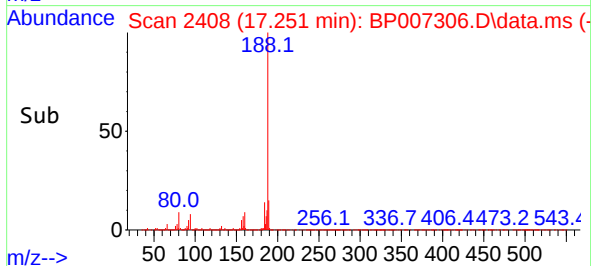
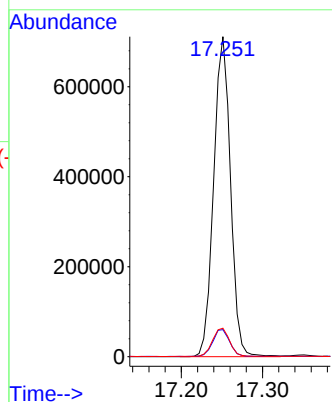
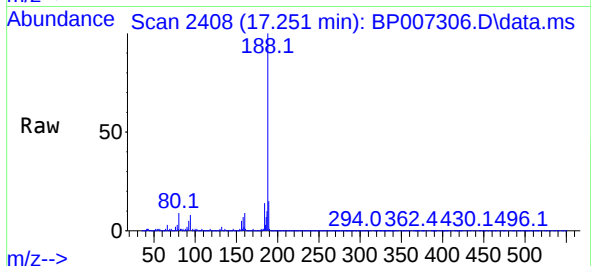




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

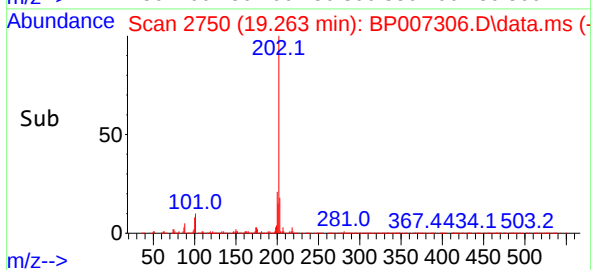
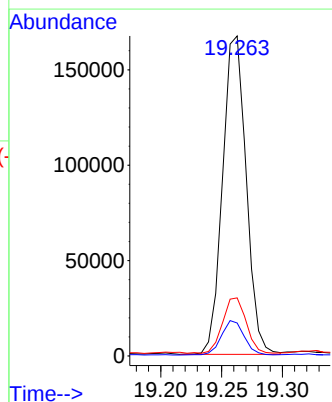
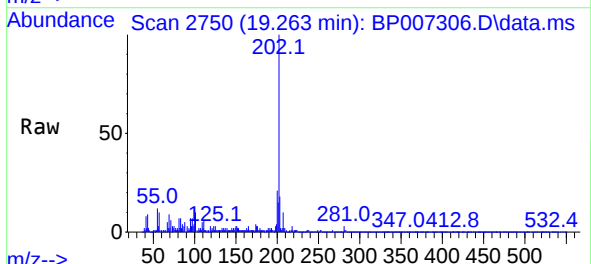
Instrument :
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ClientSampleId :
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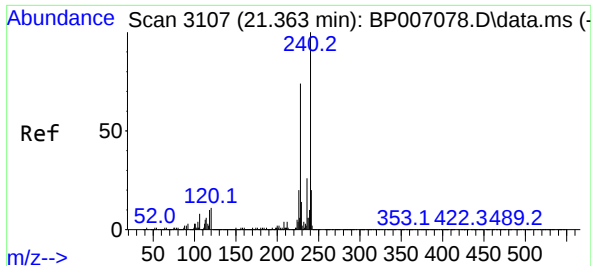
Tgt Ion:188 Resp: 1021519
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4#
80 8.9 6.3 9.5



#75
Fluoranthene
Concen: 3.58 ng
RT: 19.263 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Tgt Ion:202 Resp: 225983
Ion Ratio Lower Upper
202 100
101 10.3 0.0 27.6
203 18.2 0.0 37.8

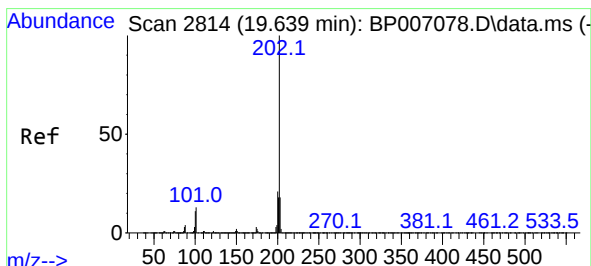
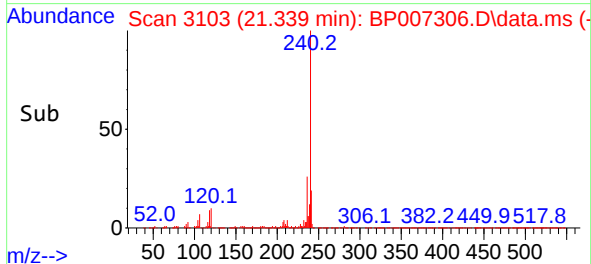
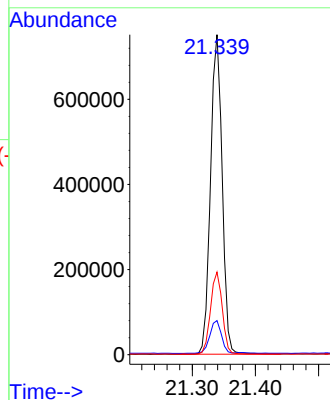
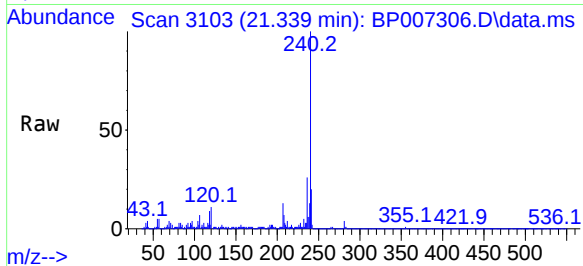




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

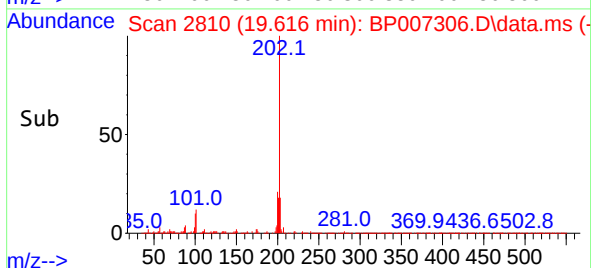
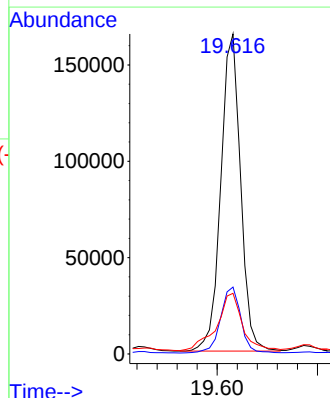
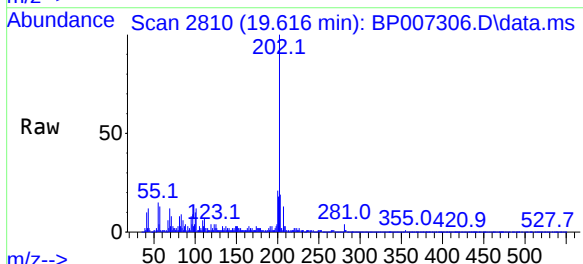
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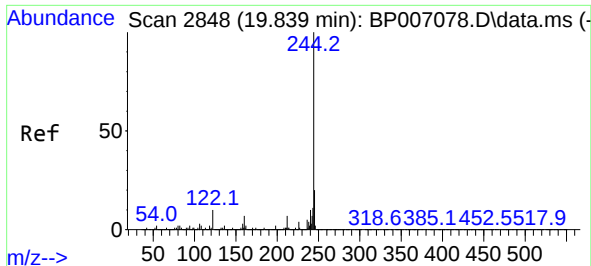
Tgt Ion:240 Resp: 964923
Ion Ratio Lower Upper
240 100
120 10.7 6.5 9.7#
236 25.8 20.6 31.0



#78
Pyrene
Concen: 3.55 ng
RT: 19.616 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Tgt Ion:202 Resp: 224900
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 19.0 14.2 21.2

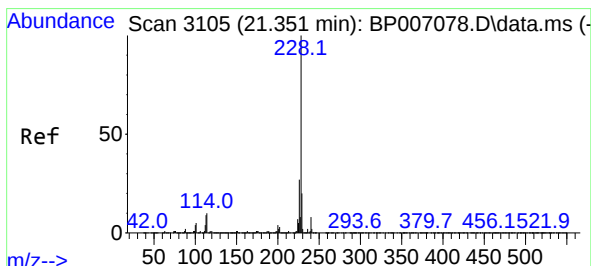
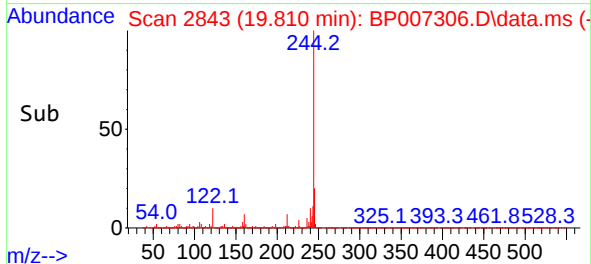
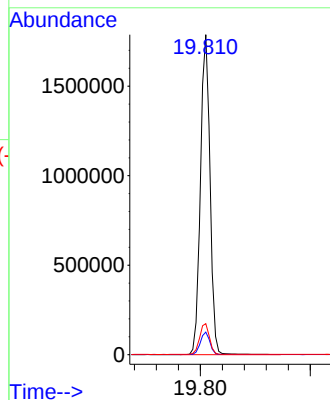
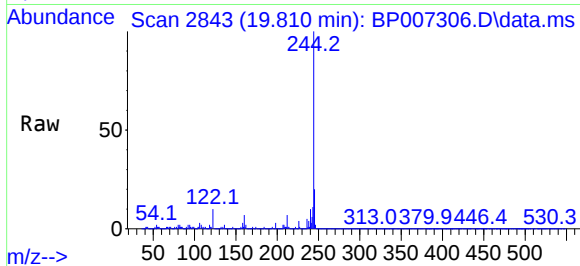




#79
Terphenyl-d14
Concen: 42.93 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

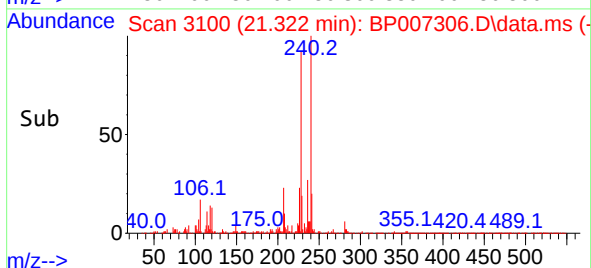
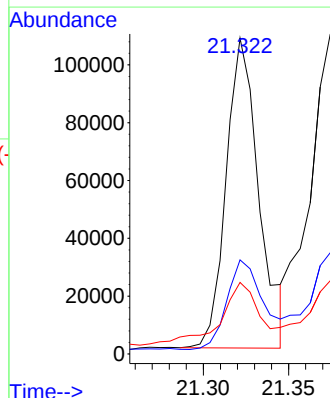
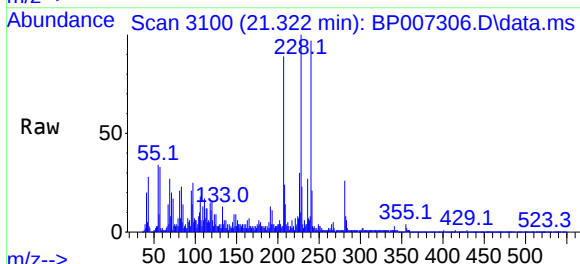
Instrument :
BNA_P
ClientSampled :
12000

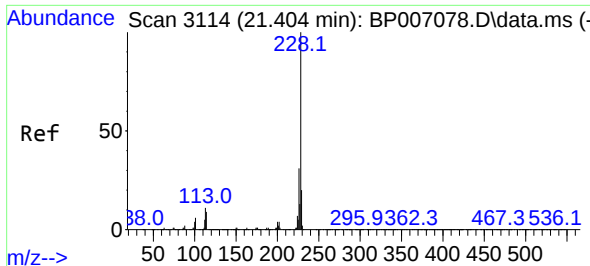
Tgt Ion:244 Resp: 2161732
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.7 7.1 10.7



#81
Benzo(a)anthracene
Concen: 2.29 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Tgt Ion:228 Resp: 143348
Ion Ratio Lower Upper
228 100
226 29.8 21.6 32.4
229 22.6 15.8 23.6



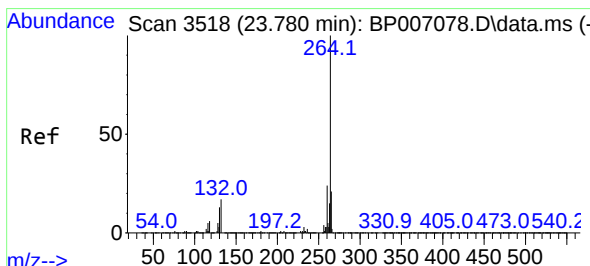
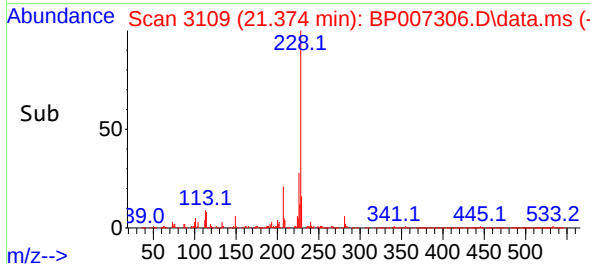
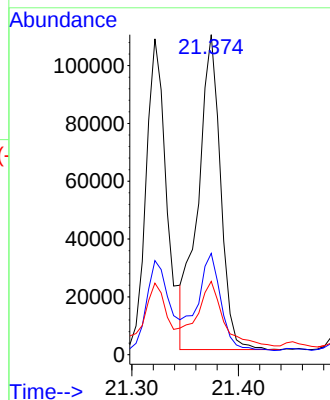
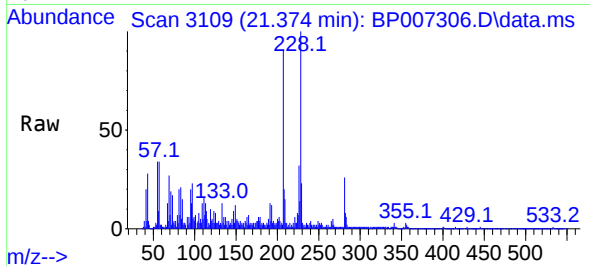


#83
Chrysene
Concen: 2.67 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Instrument :
BNA_P
ClientSampleId :
12000

Tgt Ion:228 Resp: 160113

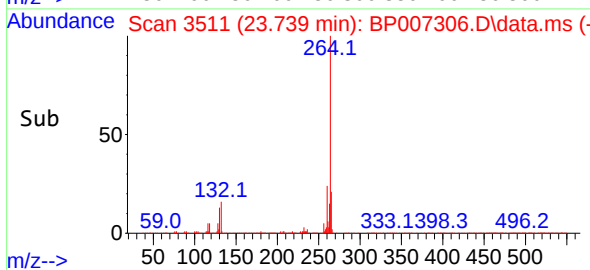
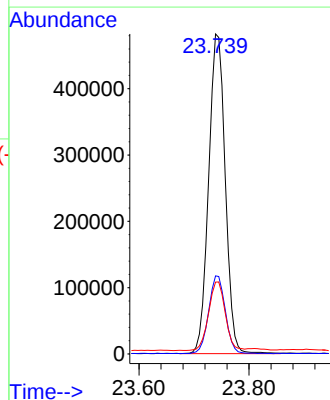
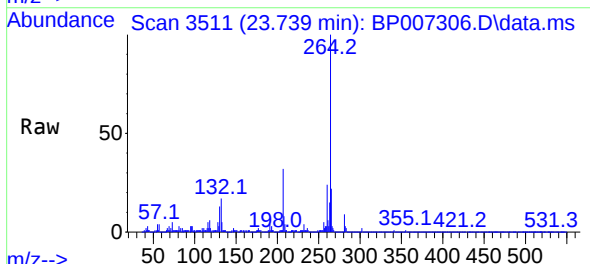
Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.8	35.6
229	22.9	15.4	23.2

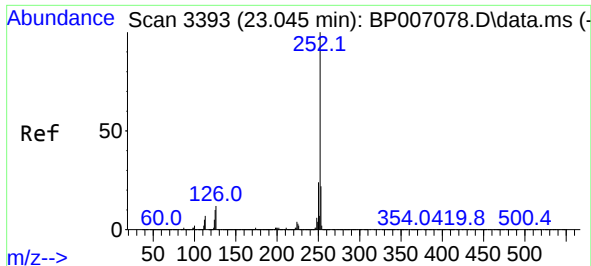


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Tgt Ion:264 Resp: 1012341

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	22.4	17.6	26.4

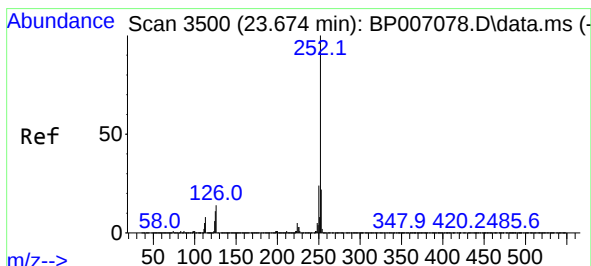
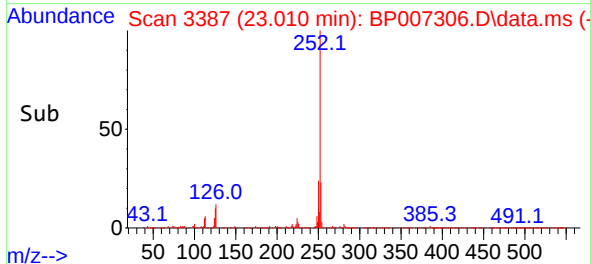
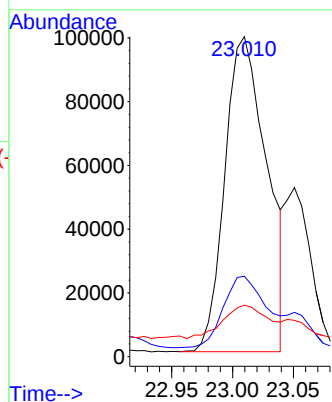
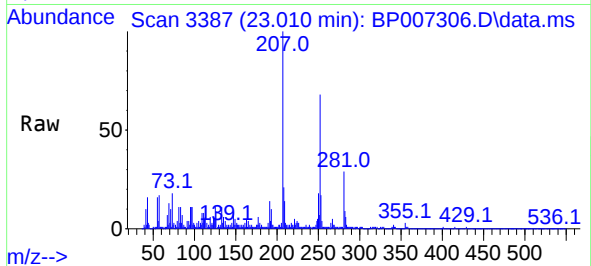




#88
Benzo(b)fluoranthene
Concen: 3.92 ng
RT: 23.010 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

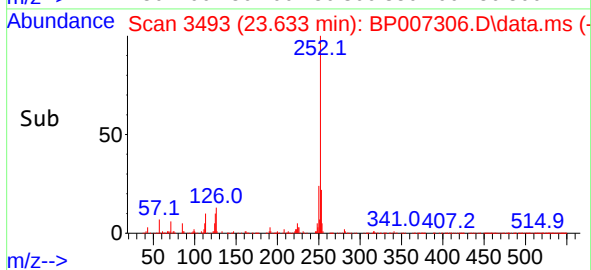
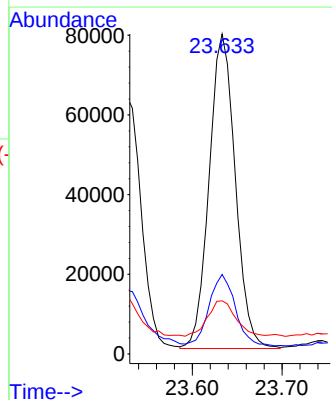
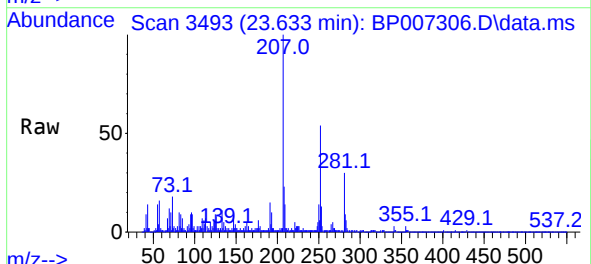
Instrument :
BNA_P
ClientSampled :
12000

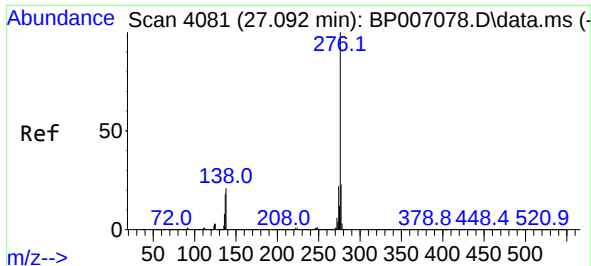
Tgt Ion:252 Resp: 237095
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 16.1 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 3.11 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

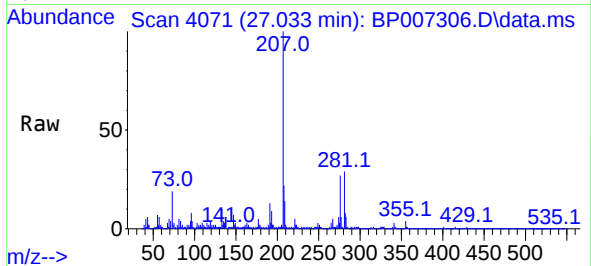
Tgt Ion:252 Resp: 159779
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 16.6 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 2.28 ng
 RT: 27.033 min Scan# 4071
 Delta R.T. -0.012 min
 Lab File: BP007306.D
 Acq: 04 Oct 2021 15:47

Instrument :
 BNA_P
 ClientSampleId :
 12000



Tgt Ion:276 Resp: 135766
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.9 28.3
 138 21.7 12.6 18.8#

