

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)

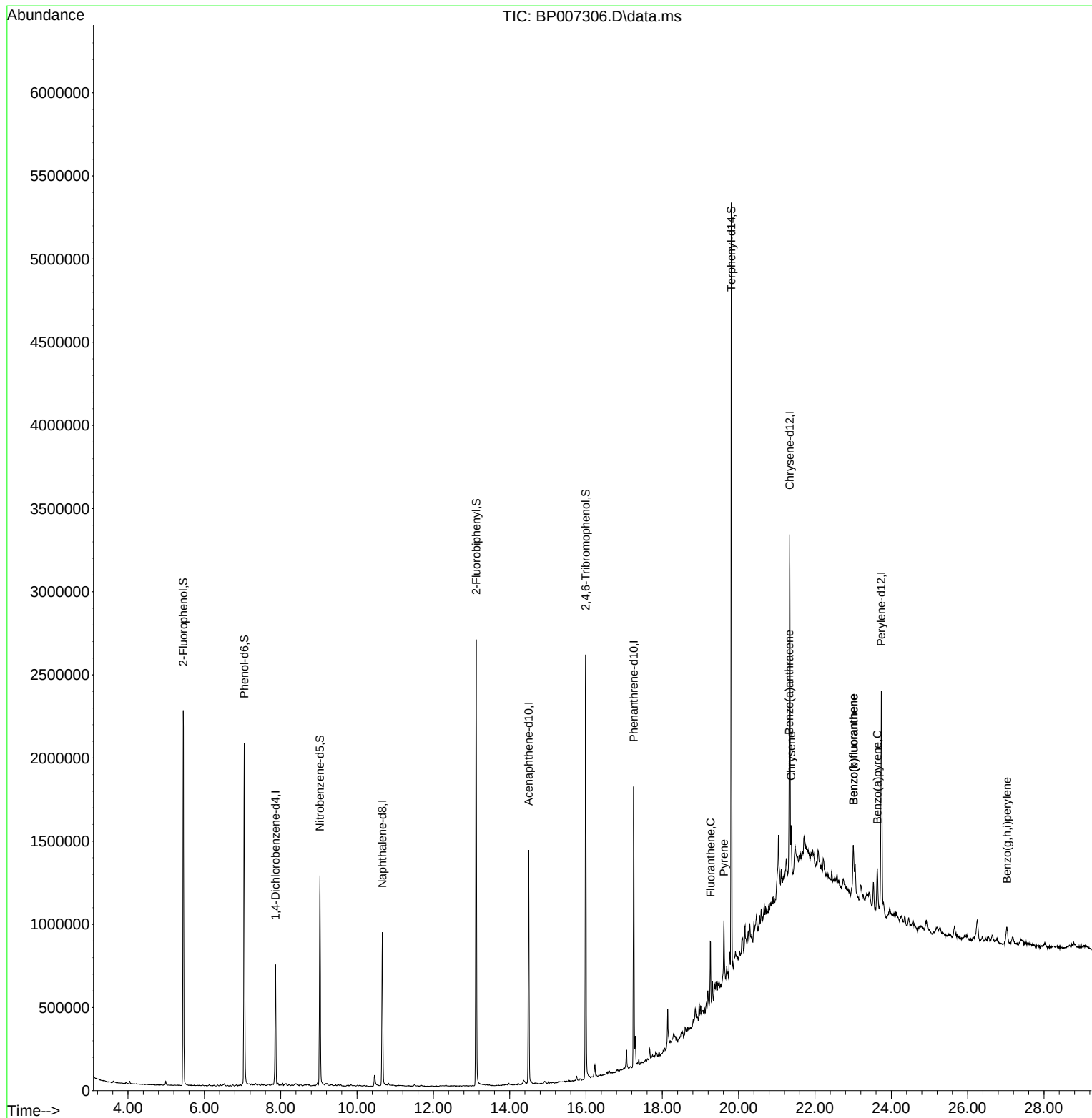
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	199599	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	786314	20.000	ng	# 0.00
39) Acenaphthene-d10	14.498	164	501374	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1021519	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	964923	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	1012341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1059738	88.875	ng	0.00
7) Phenol-d6	7.046	99	1289367	79.117	ng	0.00
23) Nitrobenzene-d5	9.028	82	757443	56.098	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	522364	80.363	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1443826	41.256	ng	0.00
79) Terphenyl-d14	19.810	244	2161732	42.930	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.263	202	225983	3.581	ng	97
78) Pyrene	19.616	202	224900	3.552	ng	98
81) Benzo(a)anthracene	21.322	228	143348	2.289	ng	94
83) Chrysene	21.374	228	160113	2.675	ng	95
88) Benzo(b)fluoranthene	23.010	252	237095	3.919	ng	# 89
89) Benzo(k)fluoranthene	23.010	252	237095	3.871	ng	# 89
90) Benzo(a)pyrene	23.633	252	159779	3.109	ng	# 90
92) Benzo(g,h,i)perylene	27.033	276	135766	2.282	ng	# 94

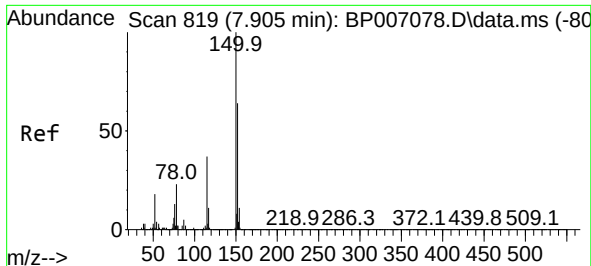
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

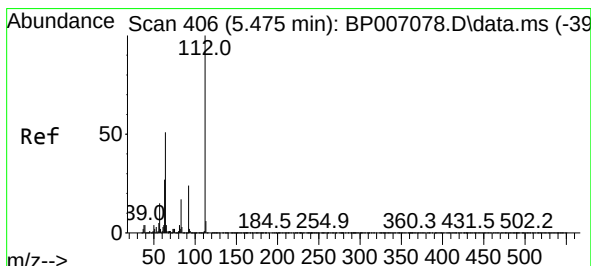
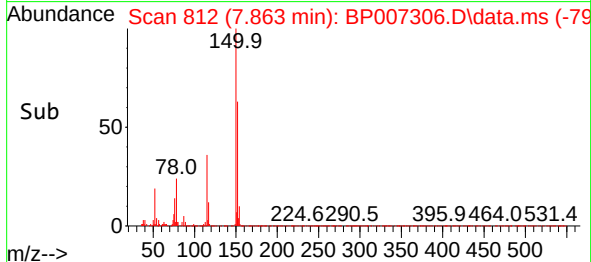
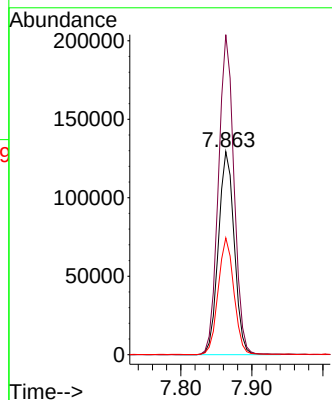
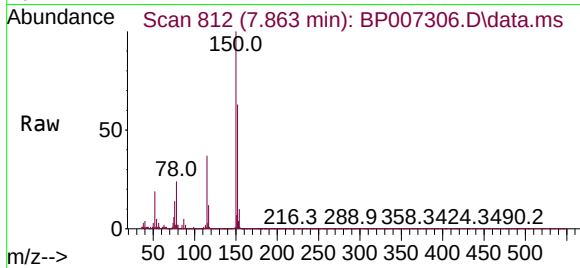




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

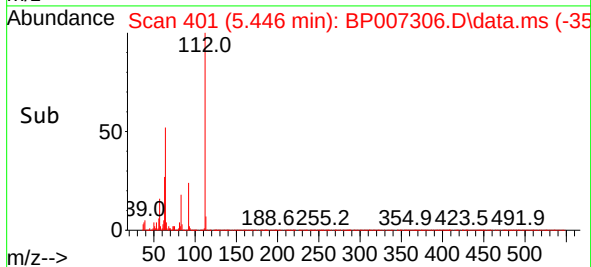
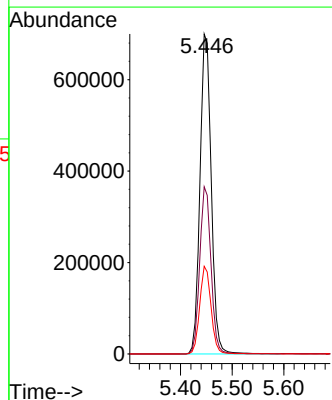
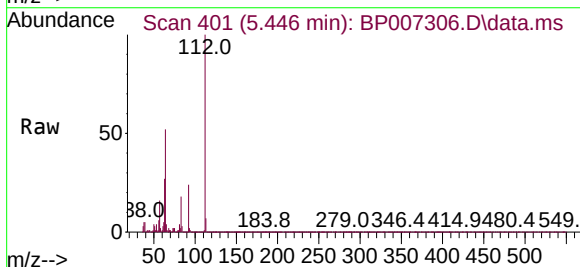
Instrument :
BNA_P
ClientSampleId :
12000

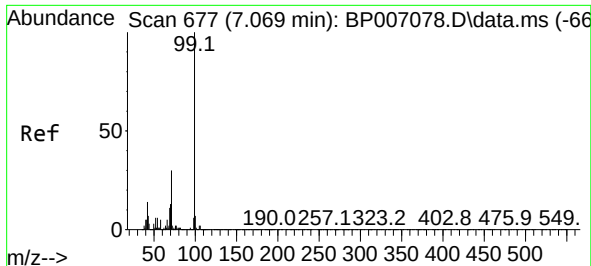
Tgt Ion:152 Resp: 199599
Ion Ratio Lower Upper
152 100
150 157.6 125.6 188.4
115 57.5 48.5 72.7



#5
2-Fluorophenol
Concen: 88.875 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

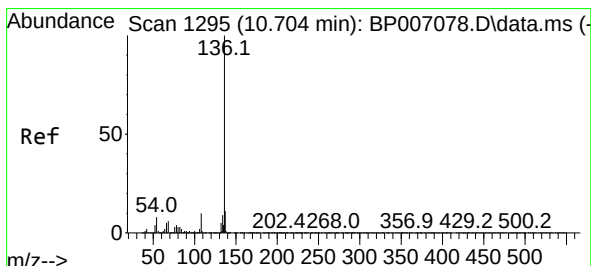
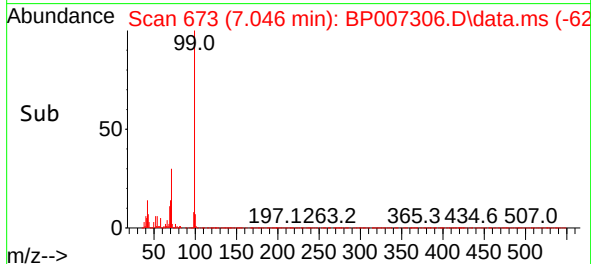
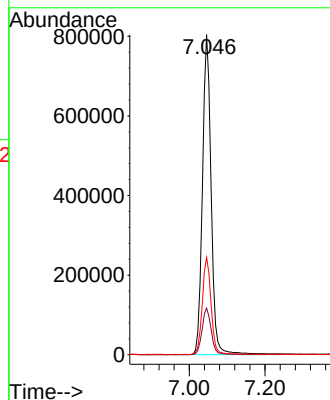
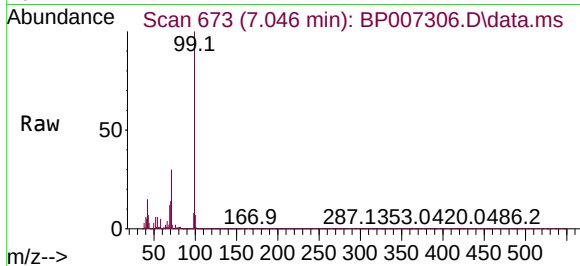




#7
Phenol-d6
Concen: 79.117 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

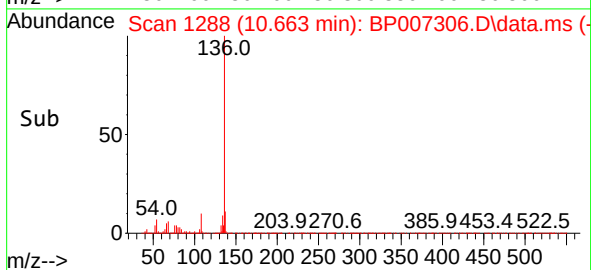
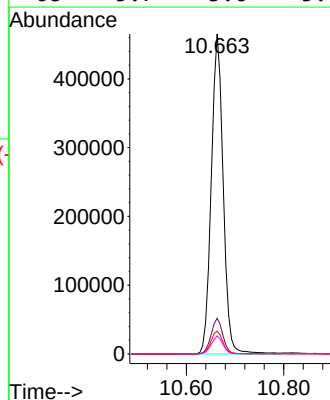
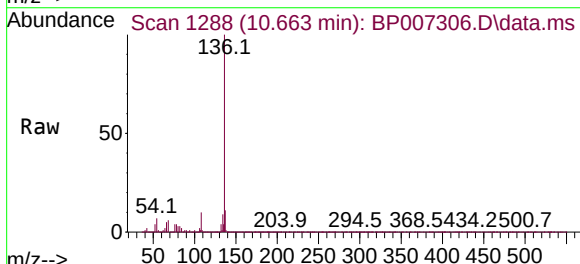
Instrument :
BNA_P
ClientSampleId :
12000

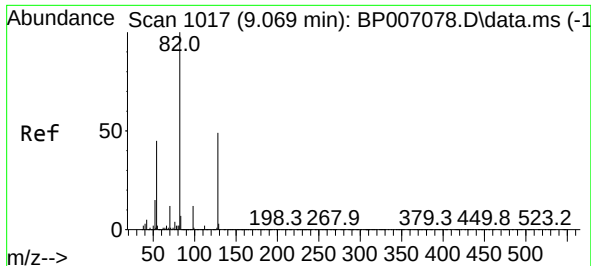
Tgt Ion: 99 Resp: 1289367
Ion Ratio Lower Upper
99 100
42 14.6 13.4 20.0
71 30.4 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 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#

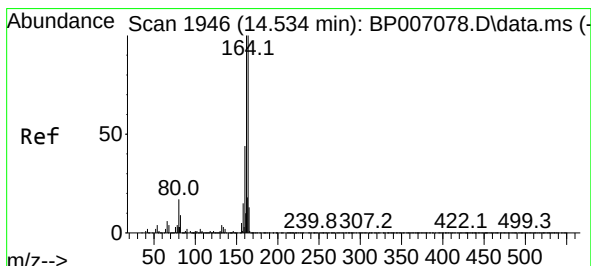
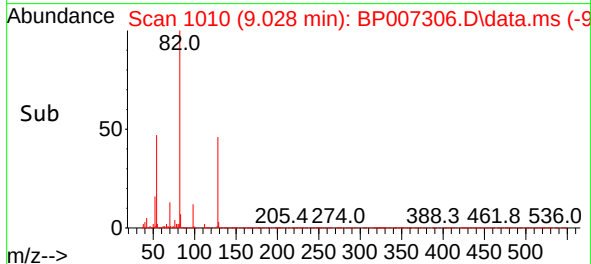
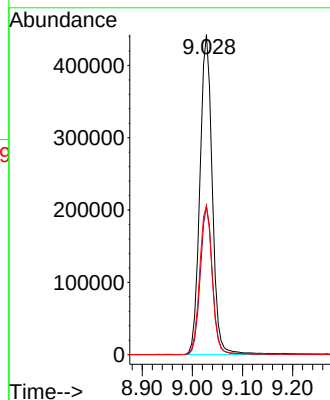
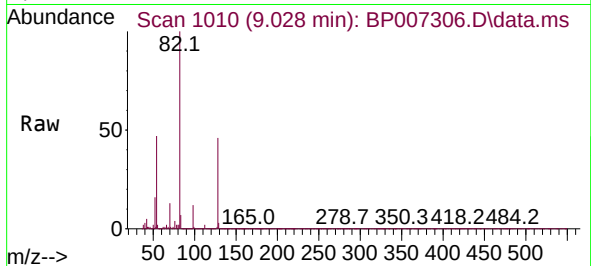




#23
Nitrobenzene-d5
Concen: 56.098 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

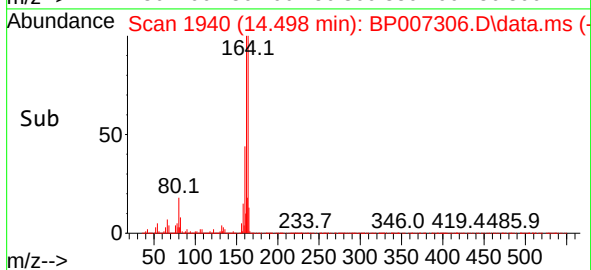
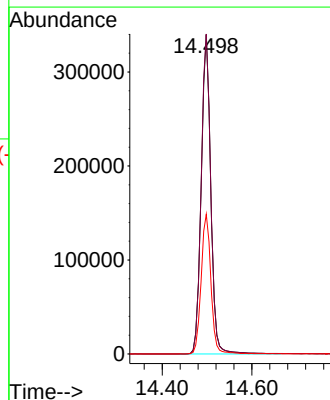
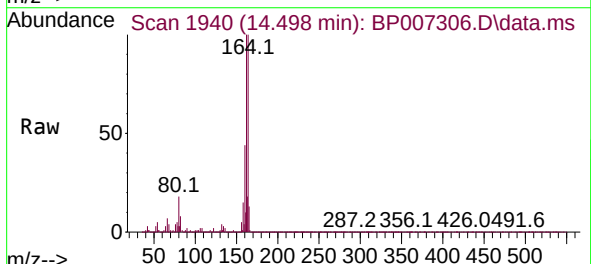
Instrument :
BNA_P
ClientSampleId :
12000

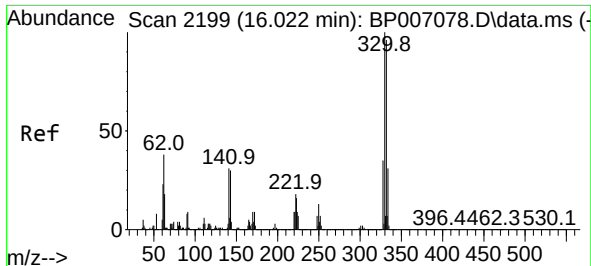
Tgt Ion: 82 Resp: 757443
Ion Ratio Lower Upper
82 100
128 46.4 35.7 53.5
54 46.5 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 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

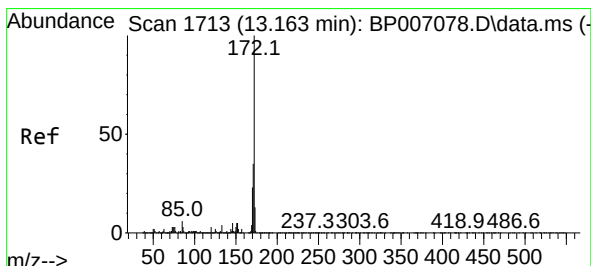
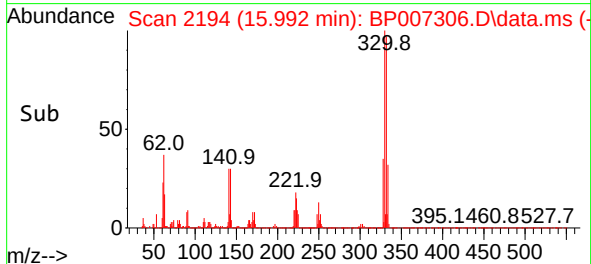
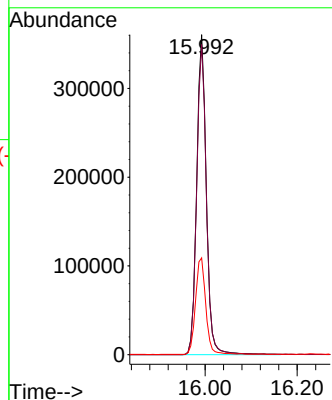
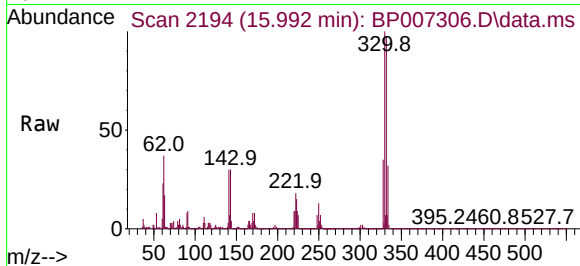




#42
2,4,6-Tribromophenol
Concen: 80.363 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

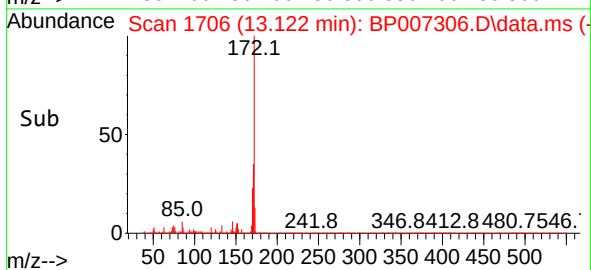
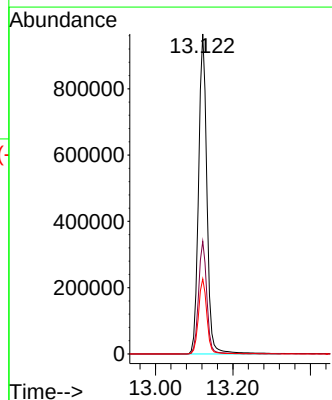
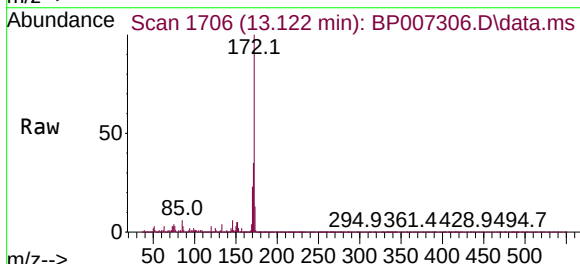
Instrument :
BNA_P
ClientSampleId :
12000

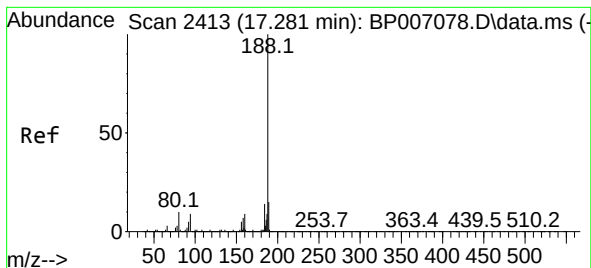
Tgt Ion:330 Resp: 522364
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 31.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 41.256 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

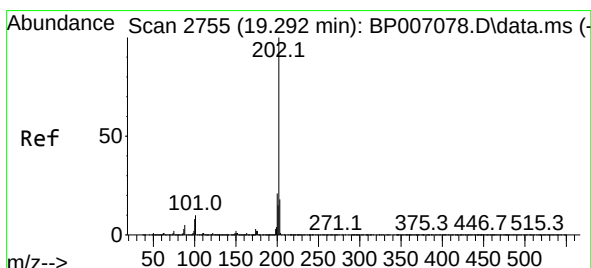
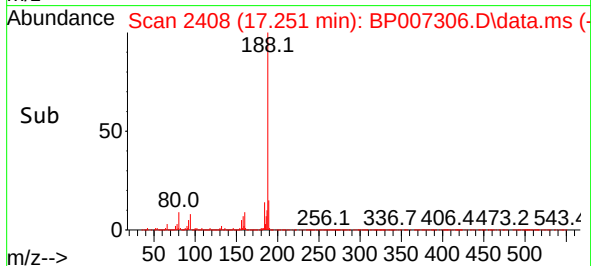
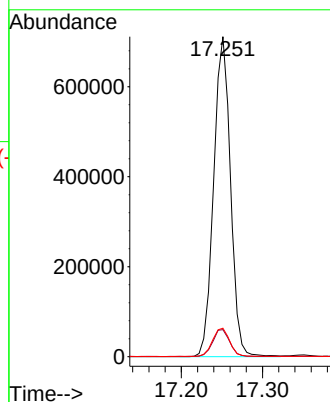
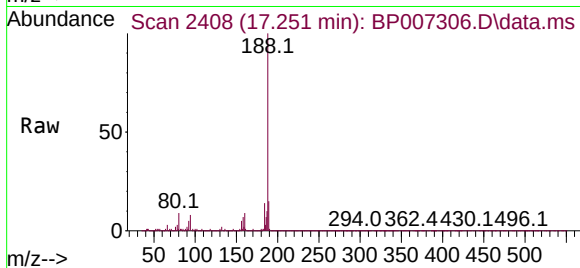




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

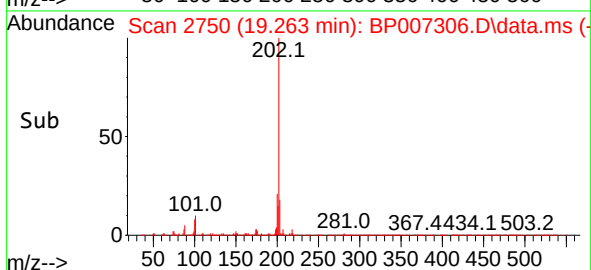
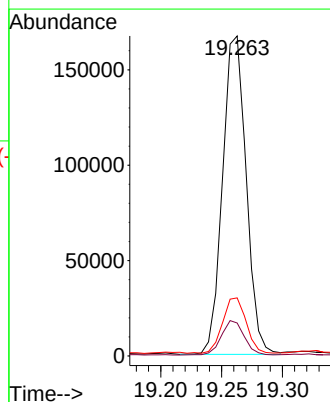
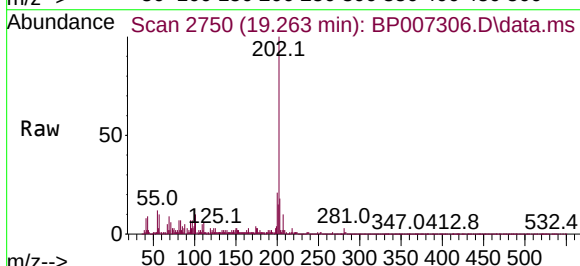
Instrument :
BNA_P
ClientSampleId :
12000

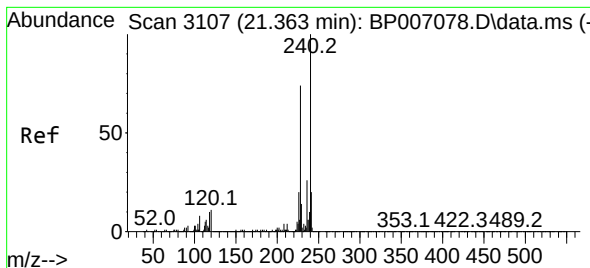
Tgt Ion:188 Resp: 1021519
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4#
80 8.9 6.3 9.5



#75
Fluoranthene
Concen: 3.581 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: 20.000 ng

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP007306.D

Acq: 04 Oct 2021 15:47

Tgt Ion:240 Resp: 964923

Ion Ratio Lower Upper

240 100

120 10.7 6.5 9.7#

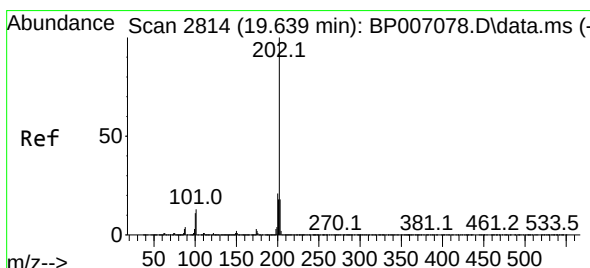
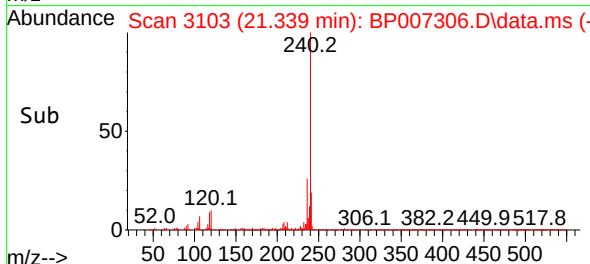
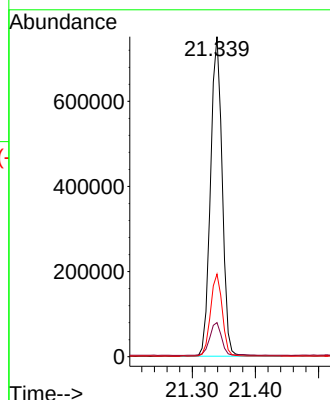
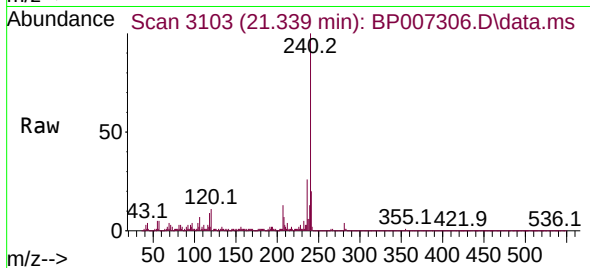
236 25.8 20.6 31.0

Instrument :

BNA_P

ClientSampleId :

12000



#78

Pyrene

Concen: 3.552 ng

RT: 19.616 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BP007306.D

Acq: 04 Oct 2021 15:47

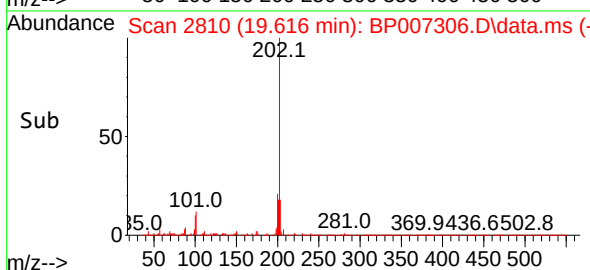
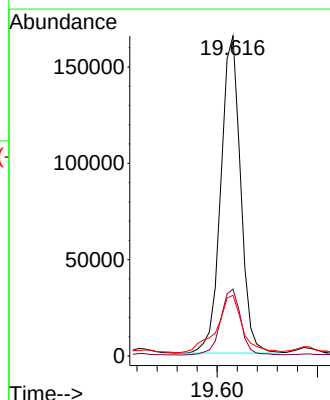
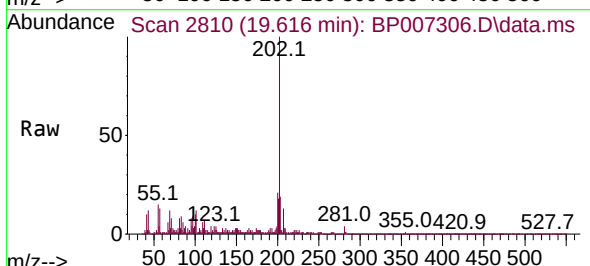
Tgt Ion:202 Resp: 224900

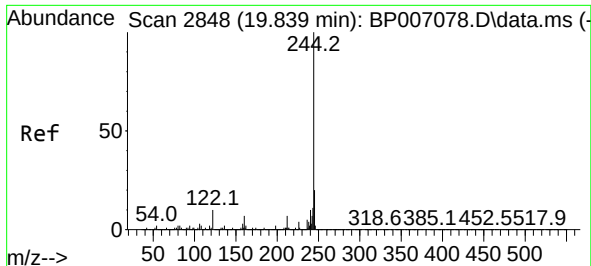
Ion Ratio Lower Upper

202 100

200 20.9 16.3 24.5

203 19.0 14.2 21.2

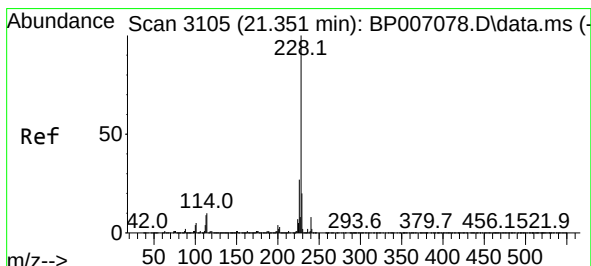
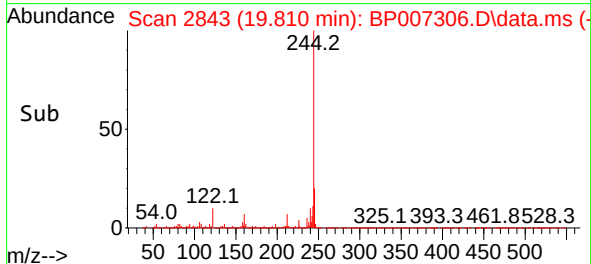
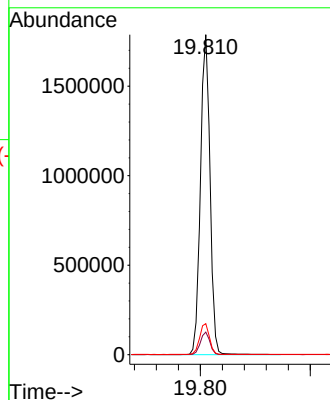
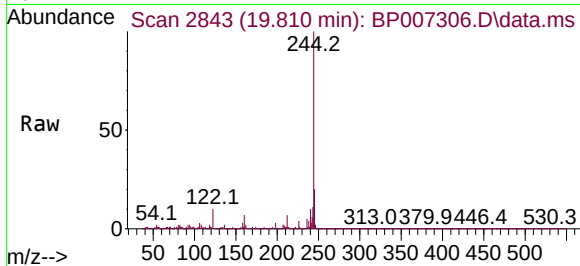




#79
 Terphenyl-d14
 Concen: 42.930 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: BP007306.D
 Acq: 04 Oct 2021 15:47

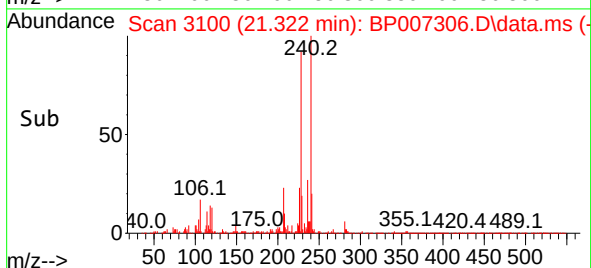
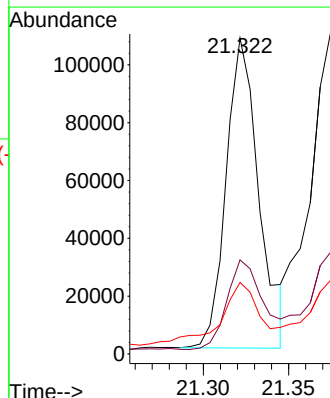
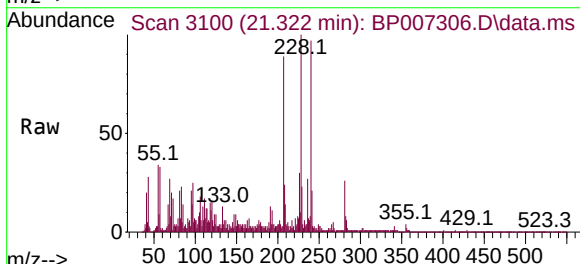
Instrument :
 BNA_P
 ClientSampleId :
 12000

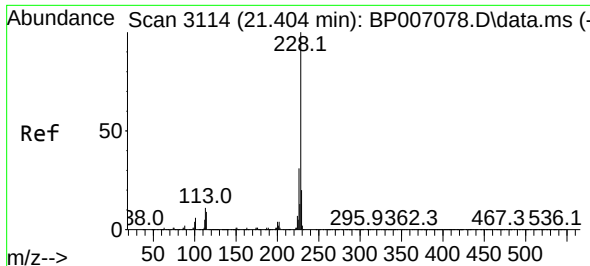
Tgt Ion:244 Resp: 2161732
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.7 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 2.289 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

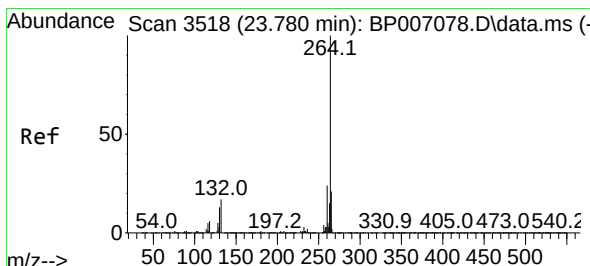
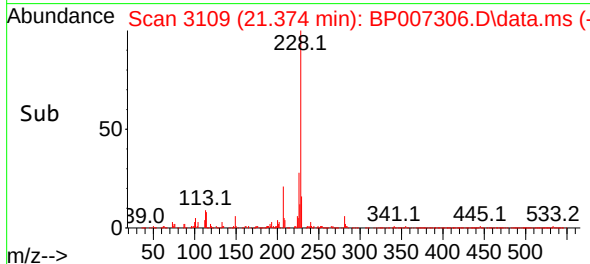
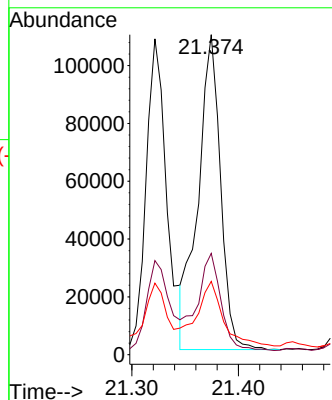
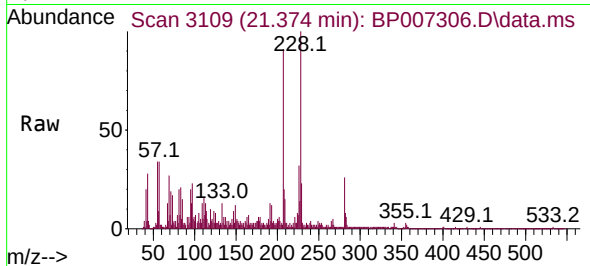




#83
Chrysene
Concen: 2.675 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

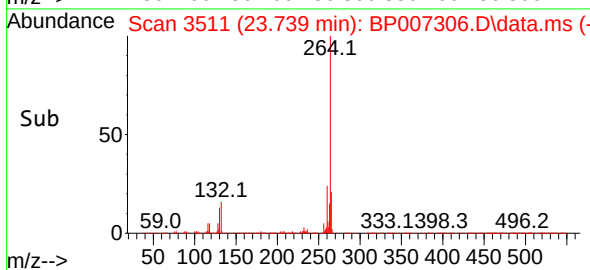
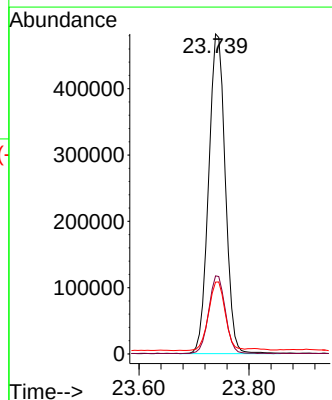
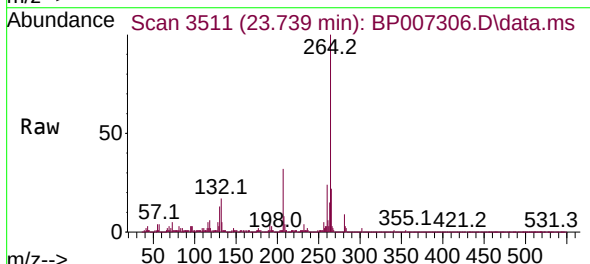
Instrument :
BNA_P
ClientSampleId :
12000

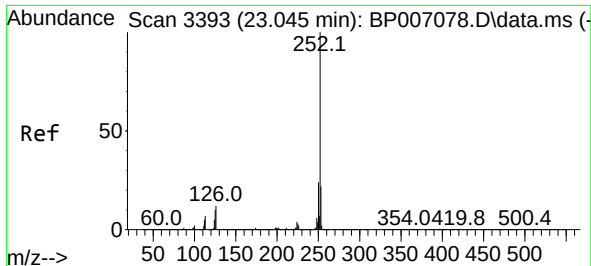
Tgt Ion:	228	Resp:	160113
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.8	35.6
229	22.9	15.4	23.2



#86
Perylene-d12
Concen: 20.000 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

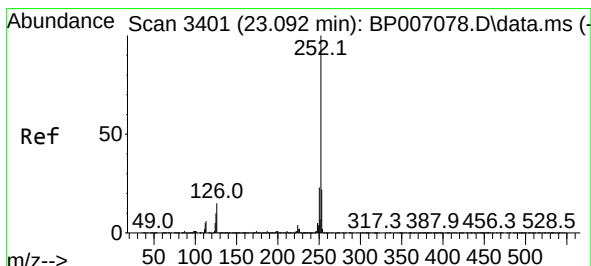
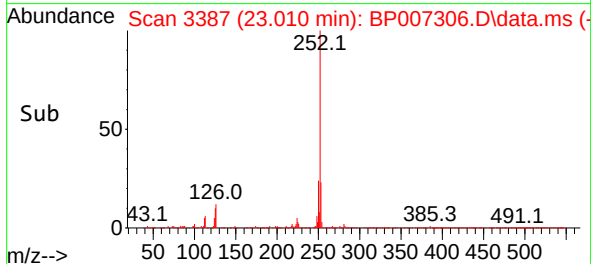
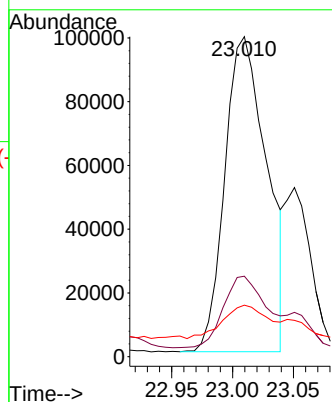
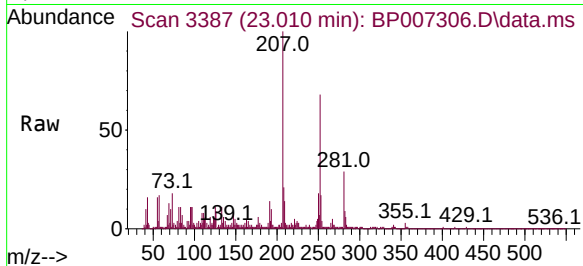




#88
Benzo(b)fluoranthene
Concen: 3.919 ng
RT: 23.010 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

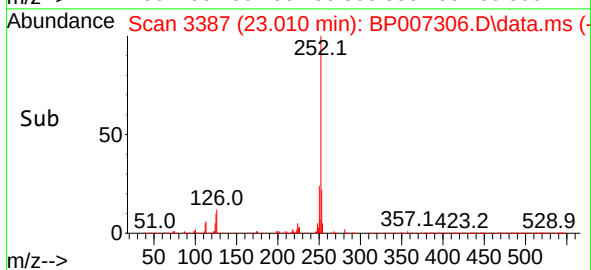
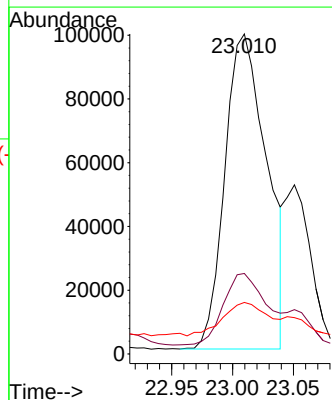
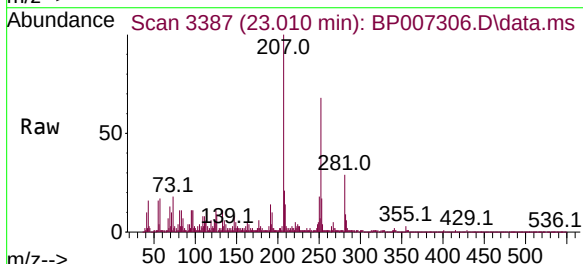
Instrument :
BNA_P
ClientSampled :
12000

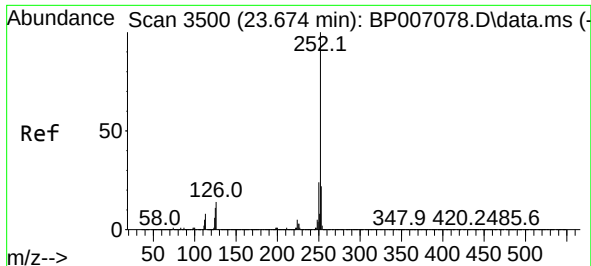
Tgt Ion:252 Resp: 237095
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 16.1 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 3.871 ng
RT: 23.010 min Scan# 3387
Delta R.T. -0.047 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Tgt Ion:252 Resp: 237095
Ion Ratio Lower Upper
252 100
253 25.1 17.6 26.4
125 16.1 6.0 9.0#

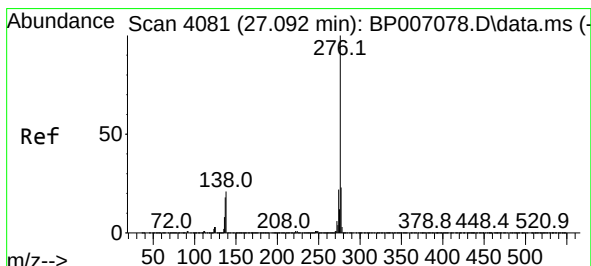
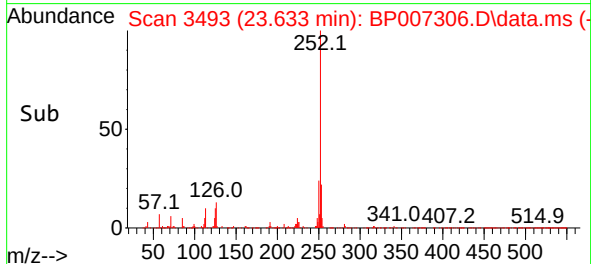
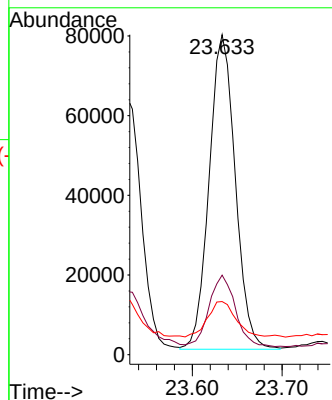
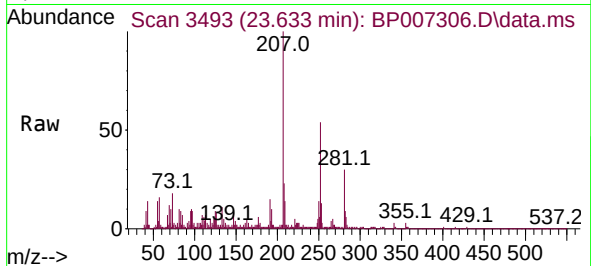




#90
Benzo(a)pyrene
Concen: 3.109 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

Instrument :
BNA_P
ClientSampled :
12000

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: 2.282 ng
RT: 27.033 min Scan# 4071
Delta R.T. -0.012 min
Lab File: BP007306.D
Acq: 04 Oct 2021 15:47

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#

