

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
 Data File : BP007188.D
 Acq On : 25 Sep 2021 16:09
 Operator : CG/JU
 Sample : M3775-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 26 02:14:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

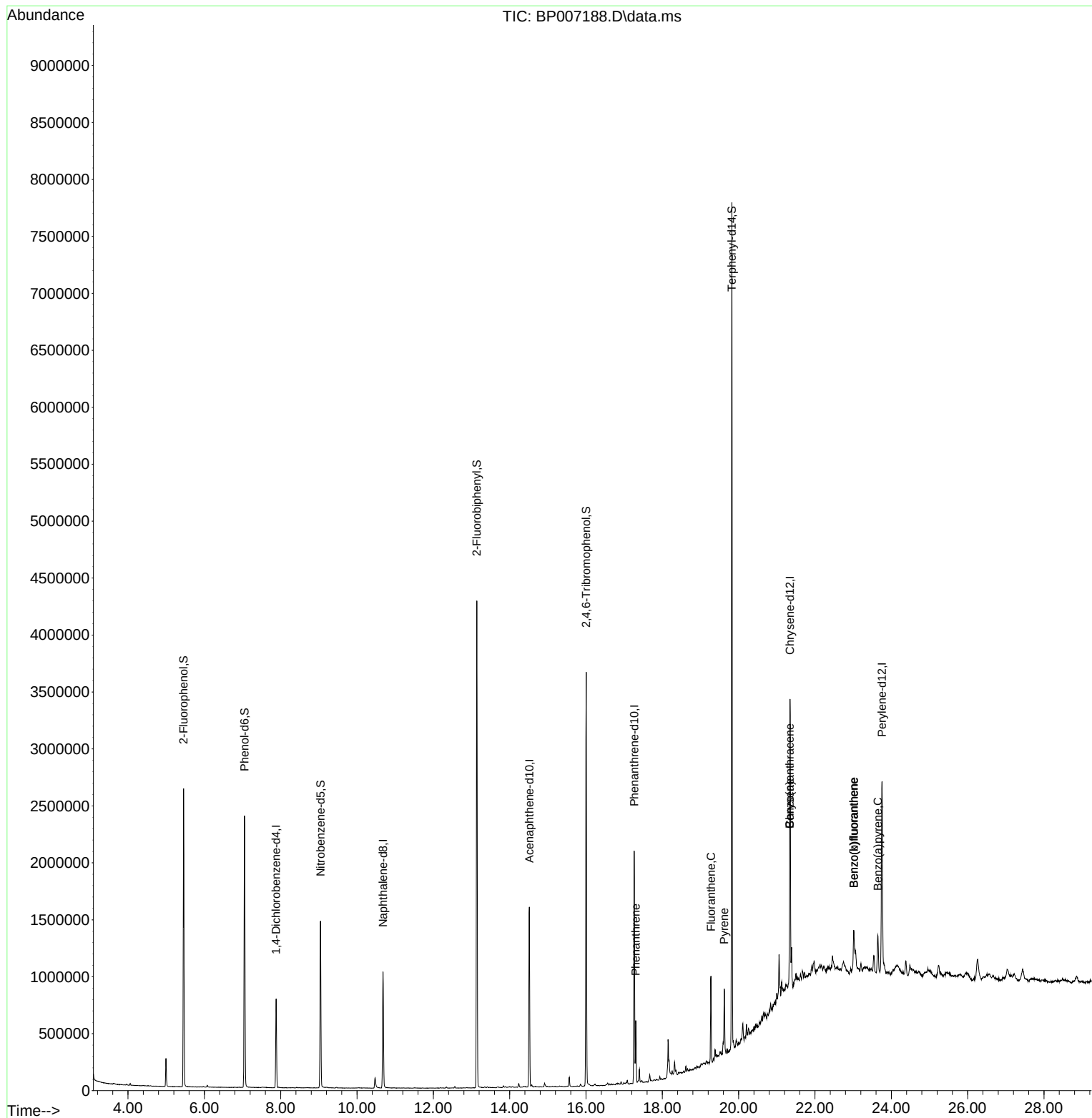
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	221585	20.000	ng	-0.01
21) Naphthalene-d8	10.681	136	868302	20.000	ng	#-0.01
39) Acenaphthene-d10	14.516	164	574432	20.000	ng	-0.01
64) Phenanthrene-d10	17.263	188	1223486	20.000	ng	#-0.01
76) Chrysene-d12	21.345	240	1211708	20.000	ng	#-0.01
86) Perylene-d12	23.757	264	1337432	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1192794	90.109	ng	0.00
7) Phenol-d6	7.052	99	1501758	83.006	ng	-0.01
23) Nitrobenzene-d5	9.046	82	884071	59.294	ng	-0.01
42) 2,4,6-Tribromophenol	16.004	330	779172	104.626	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	2271105	56.641	ng	-0.01
79) Terphenyl-d14	19.822	244	3460841	54.732	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.304	178	342194	5.216	ng	99
75) Fluoranthene	19.275	202	466792	6.176	ng	97
78) Pyrene	19.622	202	351437	4.421	ng	99
81) Benzo(a)anthracene	21.333	228	235415	2.993	ng	96
83) Chrysene	21.333	228	235415	3.132	ng	98
88) Benzo(b)fluoranthene	23.021	252	255385	3.195	ng	# 91
89) Benzo(k)fluoranthene	23.021	252	255385	3.156	ng	# 91
90) Benzo(a)pyrene	23.645	252	181172	2.668	ng	# 91

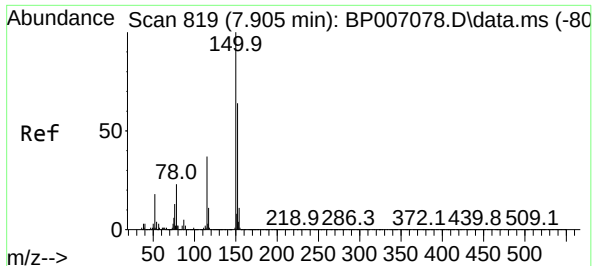
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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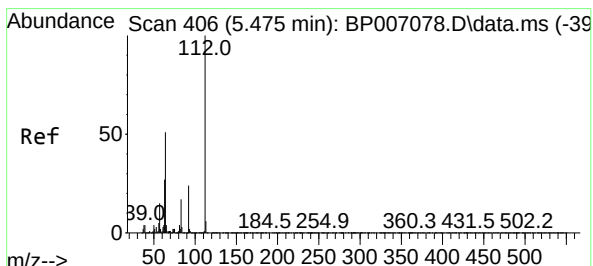
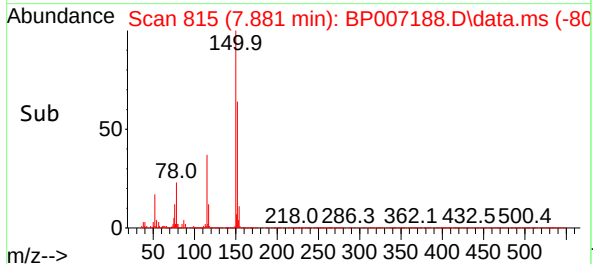
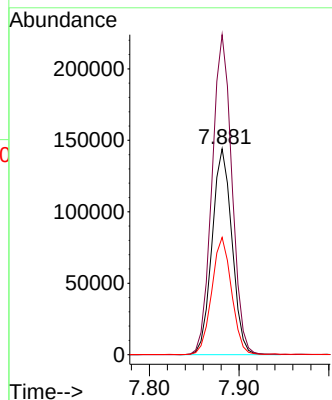
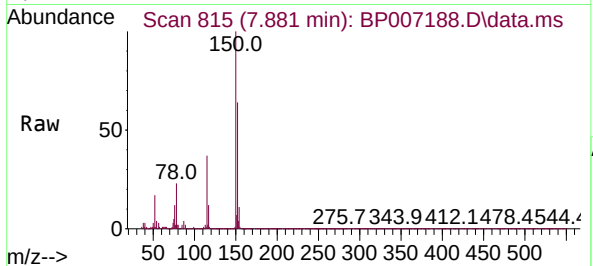




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

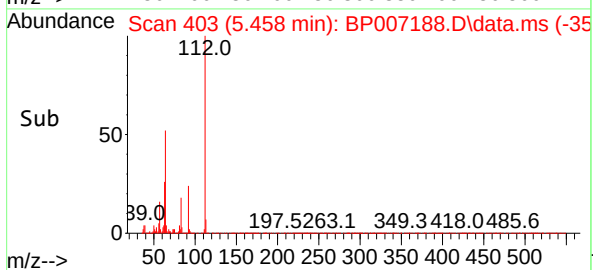
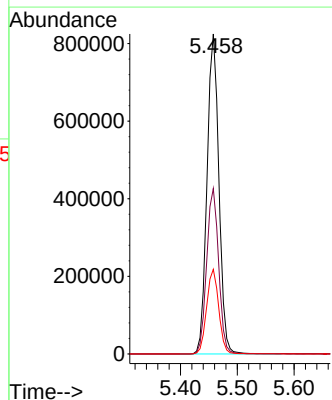
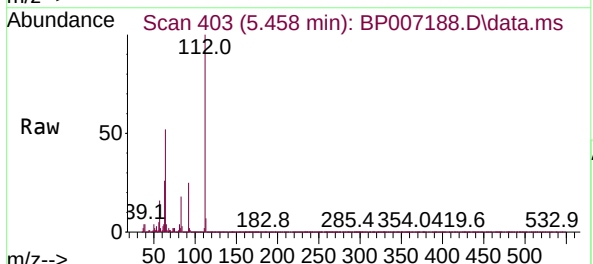
Instrument :
BNA_P
ClientSampleId :

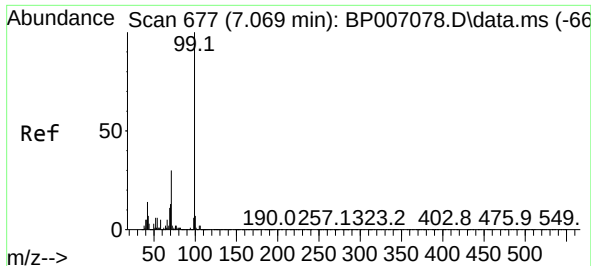
Tgt Ion:152 Resp: 221585
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 56.9 48.5 72.7



#5
2-Fluorophenol
Concen: 90.109 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion:112 Resp: 1192794
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 26.5 23.8 35.8

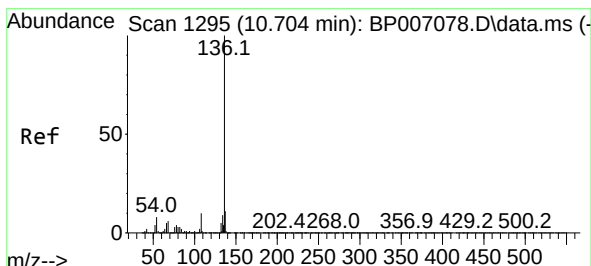
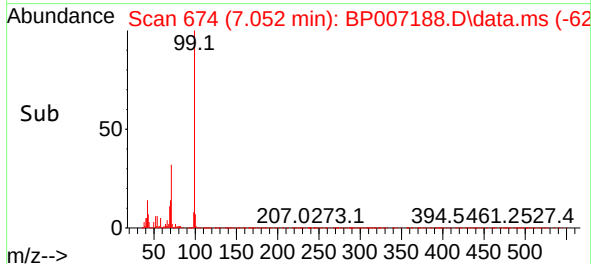
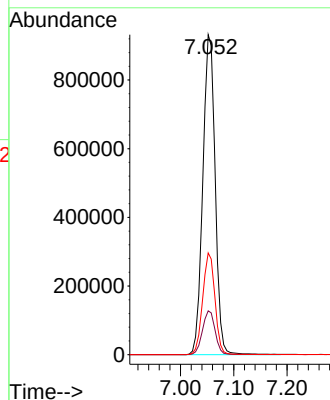
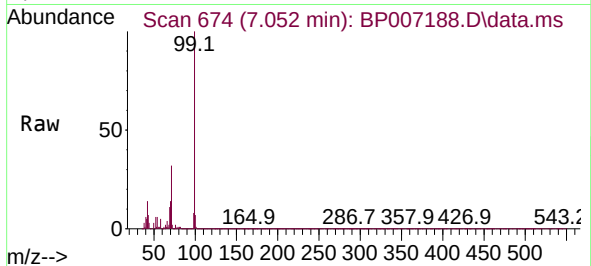




#7
Phenol-d6
Concen: 83.006 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

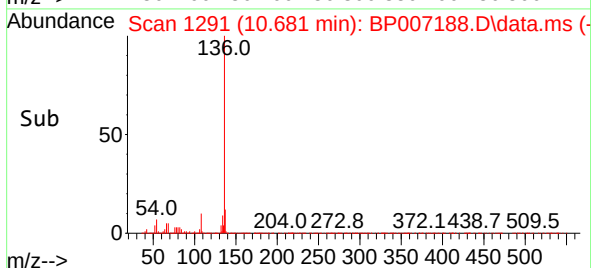
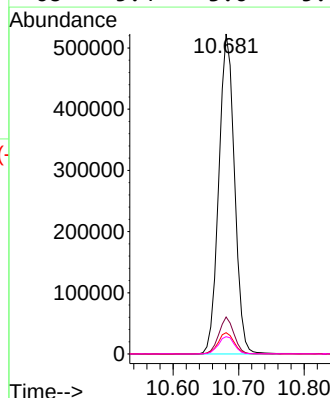
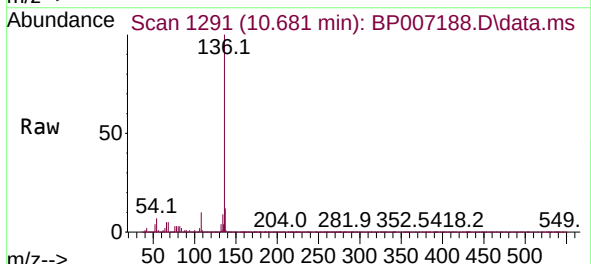
Instrument :
BNA_P
ClientSampleId :

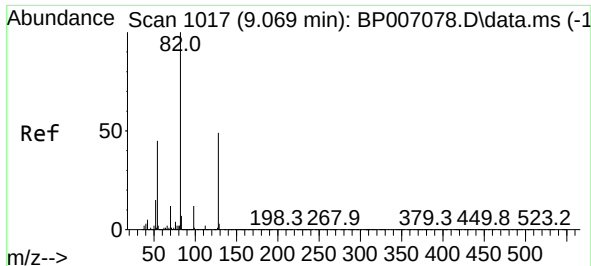
Tgt Ion: 99 Resp: 1501758
Ion Ratio Lower Upper
99 100
42 13.7 13.4 20.0
71 31.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion: 136 Resp: 868302
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 6.7 4.6 6.8
68 5.4 3.6 5.4#

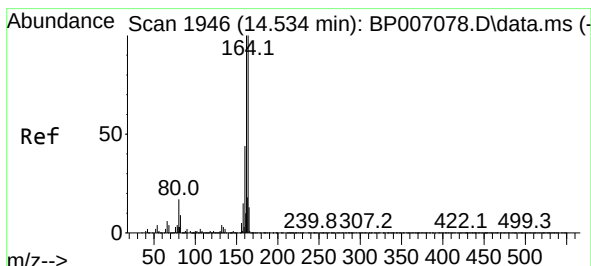
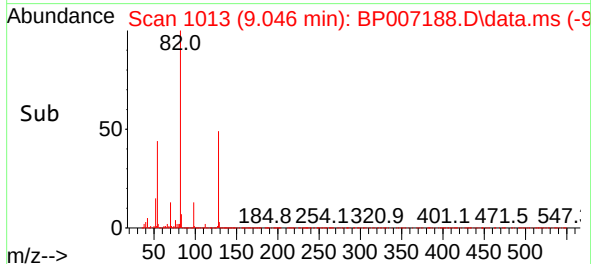
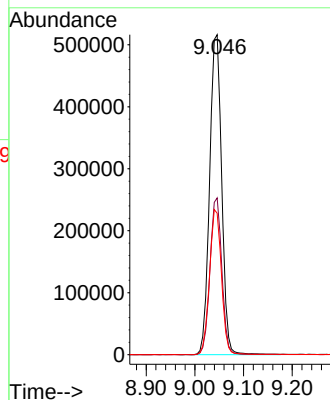
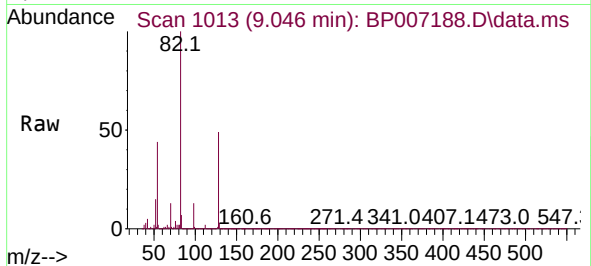




#23
Nitrobenzene-d5
Concen: 59.294 ng
RT: 9.046 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

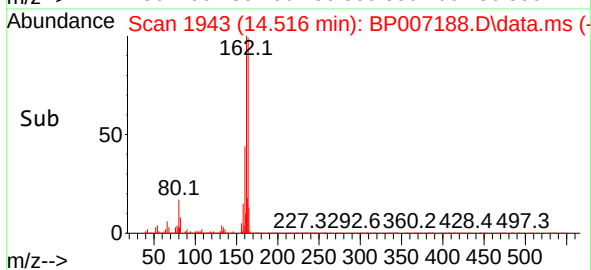
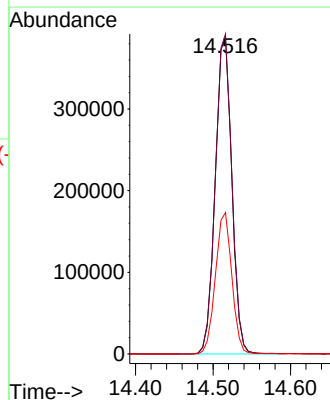
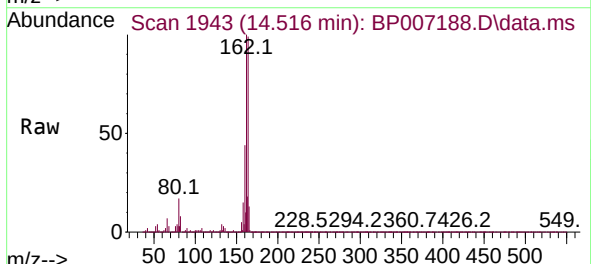
Instrument :
BNA_P
ClientSampleId :

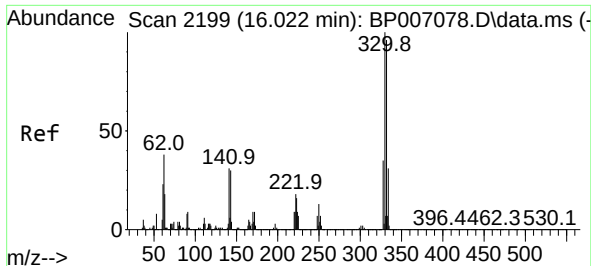
Tgt Ion: 82 Resp: 884071
Ion Ratio Lower Upper
82 100
128 49.0 35.7 53.5
54 44.2 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion:164 Resp: 574432
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 44.7 34.5 51.7

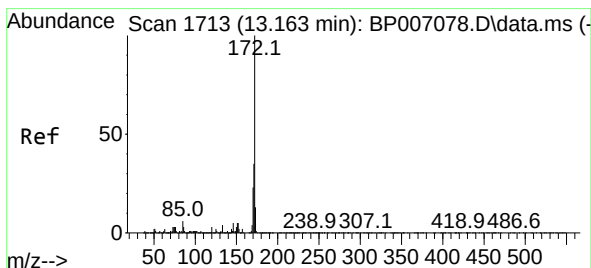
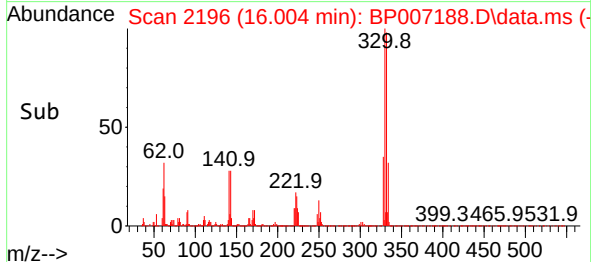
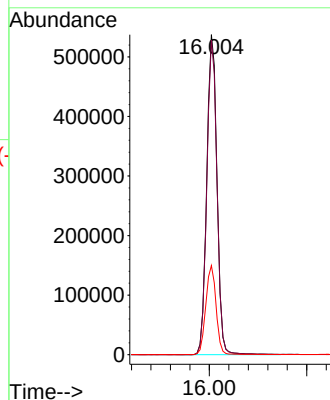
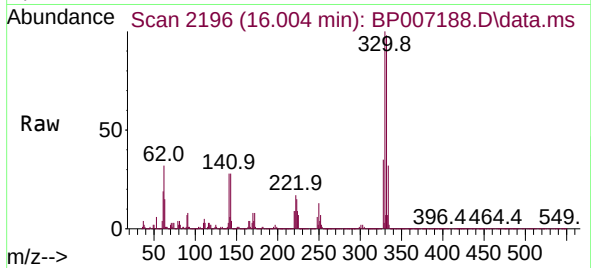




#42
2,4,6-Tribromophenol
Concen: 104.626 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

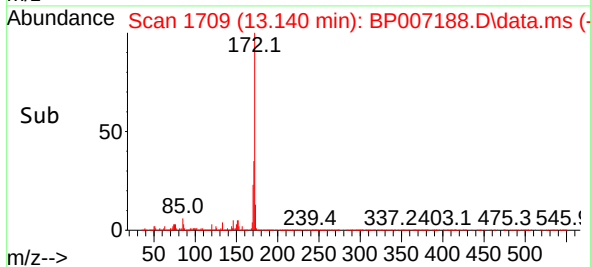
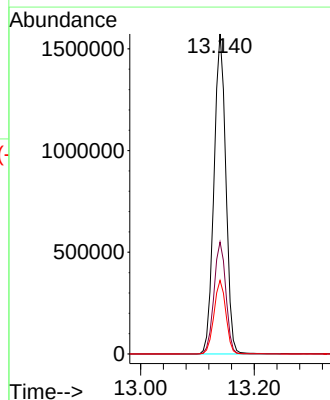
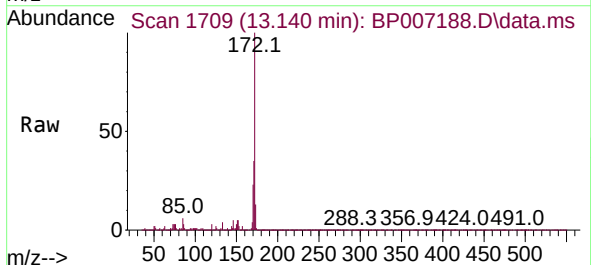
Instrument :
BNA_P
ClientSampleId :

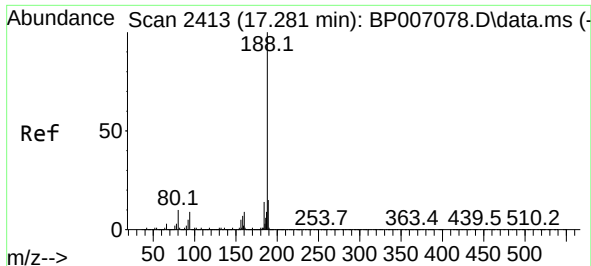
Tgt Ion:330 Resp: 779172
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 28.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 56.641 ng
RT: 13.140 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion:172 Resp: 2271105
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.0 18.6 27.8

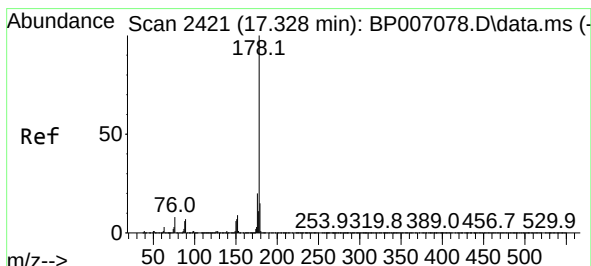
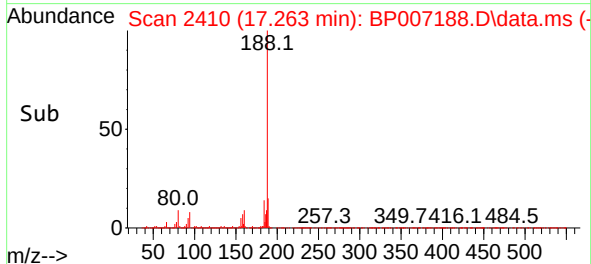
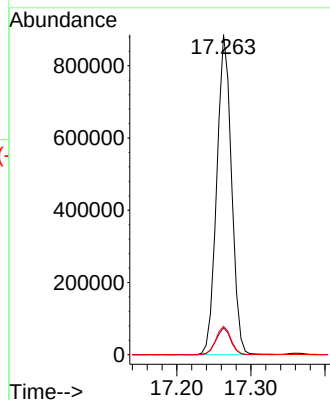
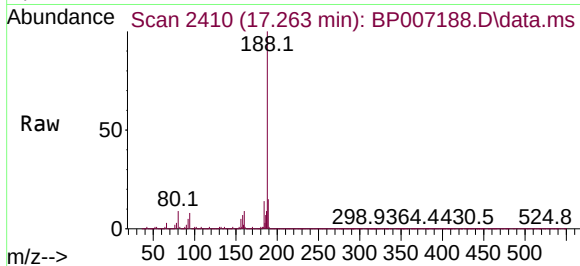




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

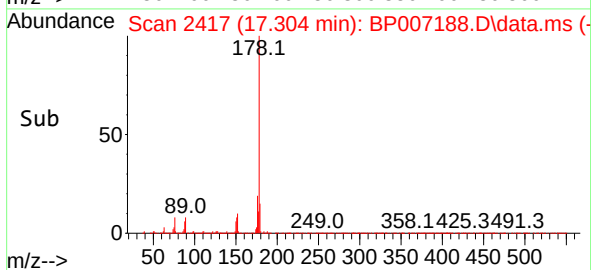
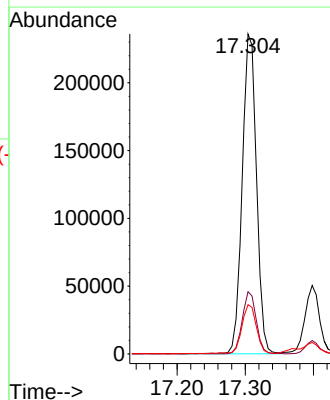
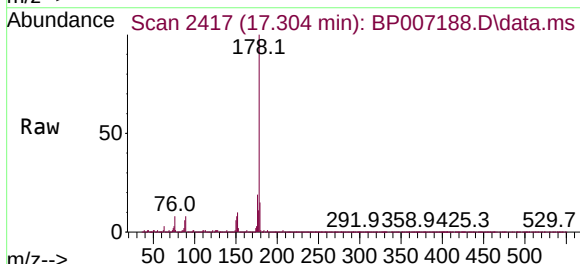
Instrument :
BNA_P
ClientSampleId :

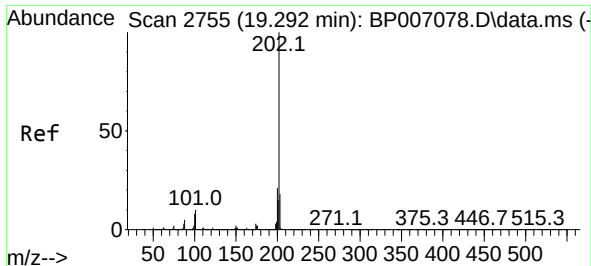
Tgt Ion:188 Resp: 1223486
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4#
80 8.8 6.3 9.5



#71
Phenanthrene
Concen: 5.216 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion:178 Resp: 342194
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.4 12.4 18.6

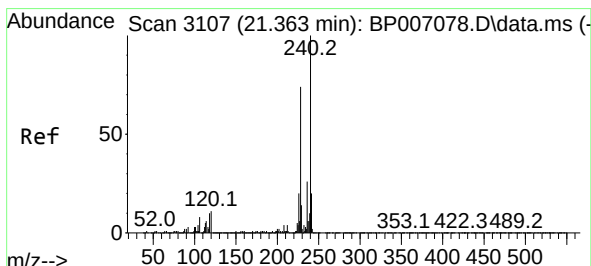
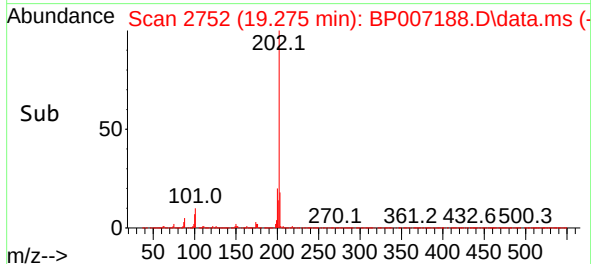
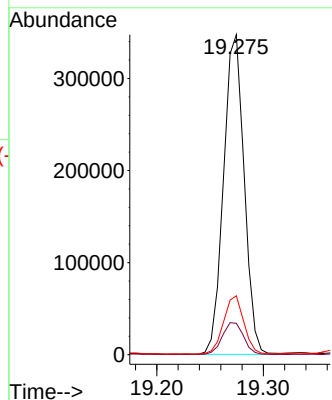
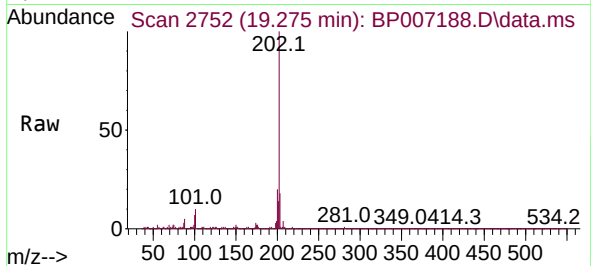




#75
Fluoranthene
Concen: 6.176 ng
RT: 19.275 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

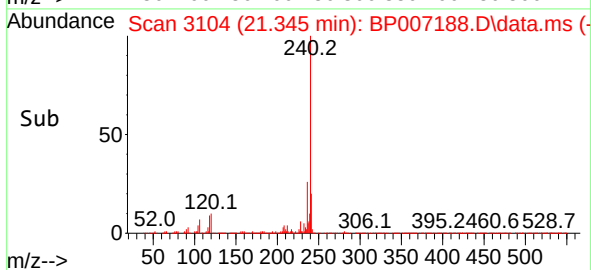
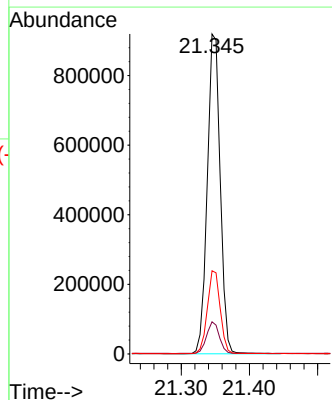
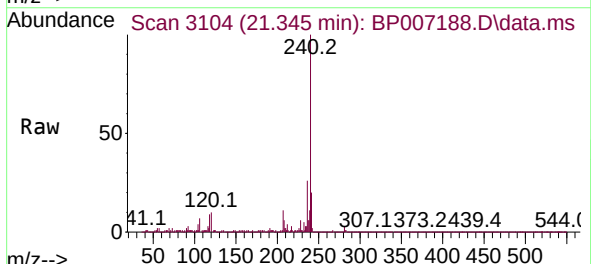
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ClientSampleId :

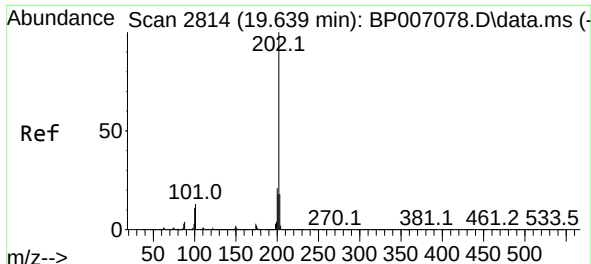
Tgt Ion:202 Resp: 466792
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.6
203 18.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion:240 Resp: 1211708
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 26.0 20.6 31.0

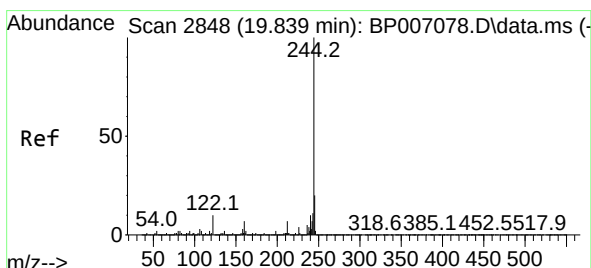
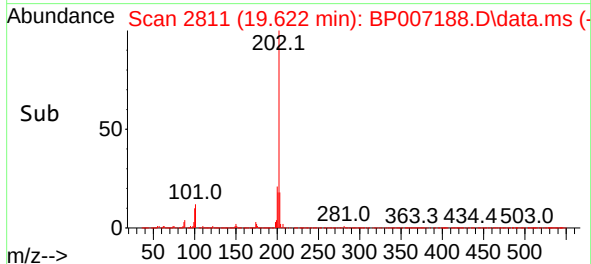
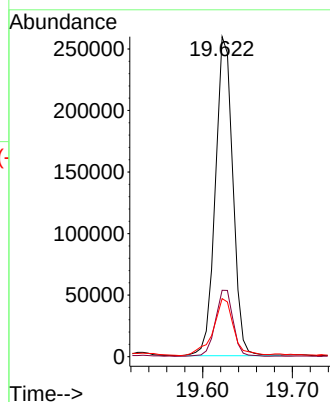
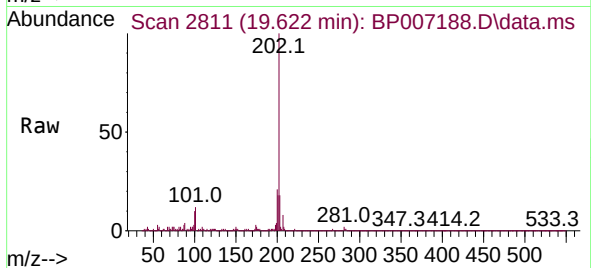




#78
Pyrene
Concen: 4.421 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

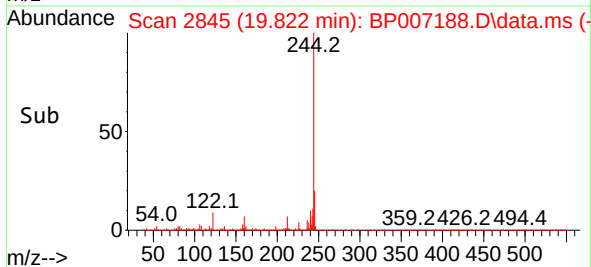
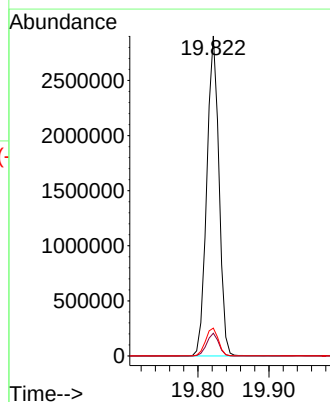
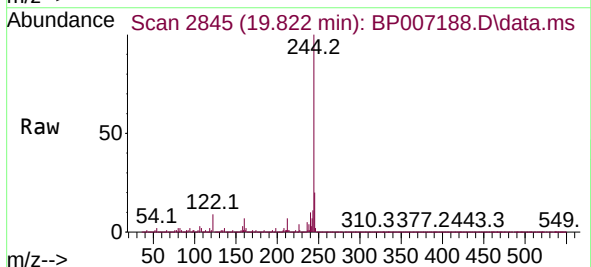
Instrument :
BNA_P
ClientSampleId :

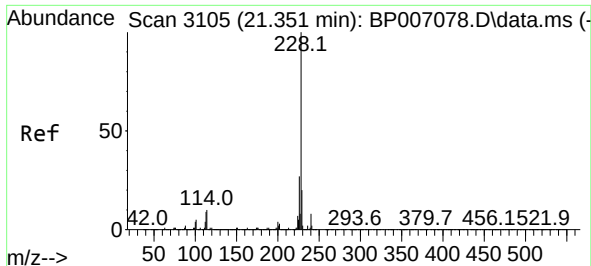
Tgt Ion:202 Resp: 351437
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 18.1 14.2 21.2



#79
Terphenyl-d14
Concen: 54.732 ng
RT: 19.822 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion:244 Resp: 3460841
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 8.7 7.1 10.7

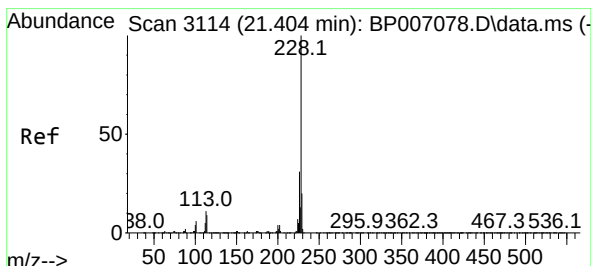
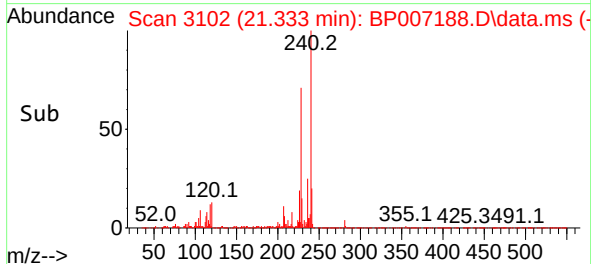
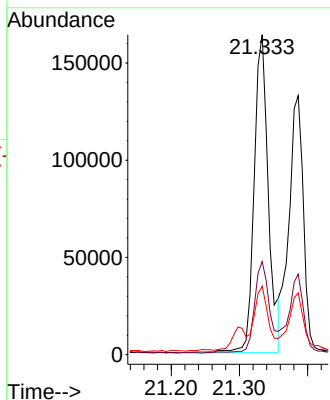
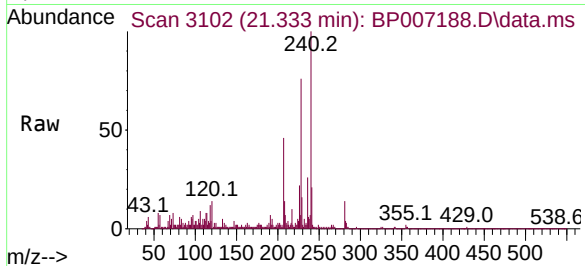




#81
Benzo(a)anthracene
Concen: 2.993 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

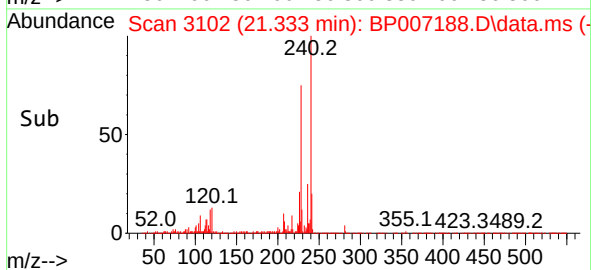
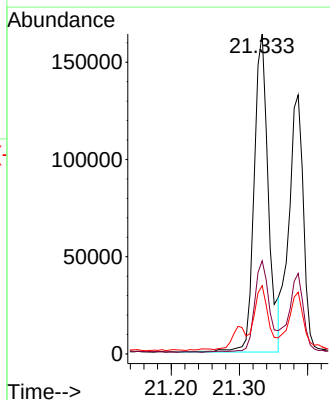
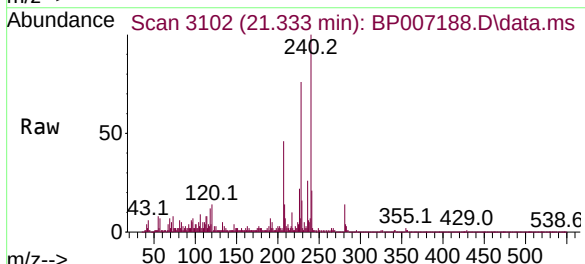
Instrument :
BNA_P
ClientSampleId :

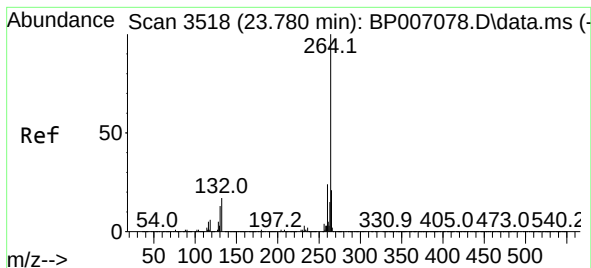
Tgt Ion:228 Resp: 235415
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 21.3 15.8 23.6



#83
Chrysene
Concen: 3.132 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.065 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion:228 Resp: 235415
Ion Ratio Lower Upper
228 100
226 29.1 23.8 35.6
229 21.3 15.4 23.2

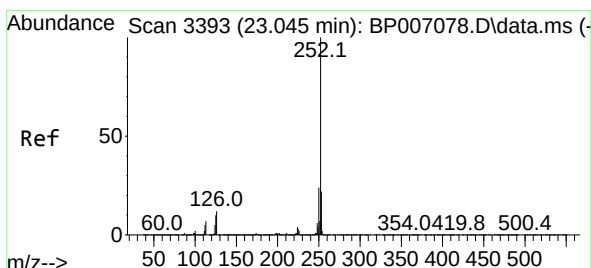
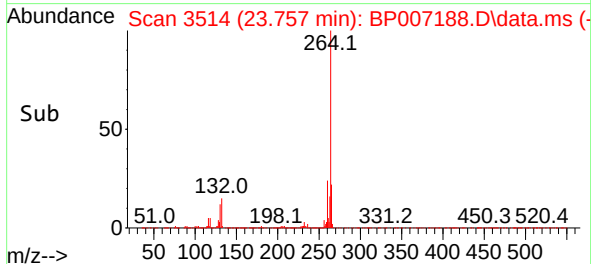
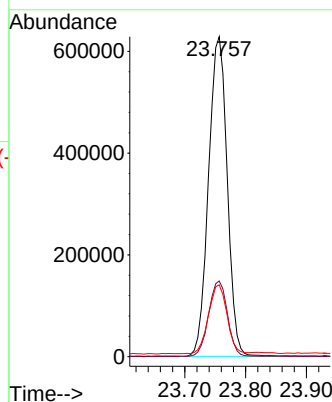
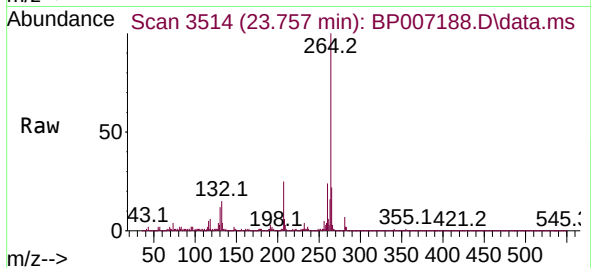




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.757 min Scan# 3514
 Delta R.T. -0.012 min
 Lab File: BP007188.D
 Acq: 25 Sep 2021 16:09

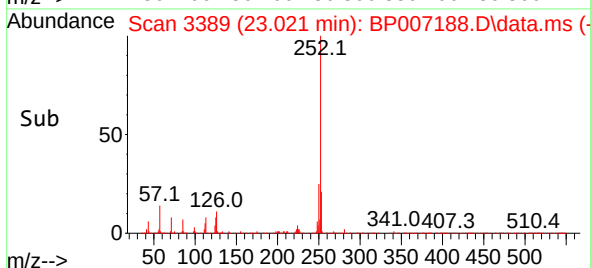
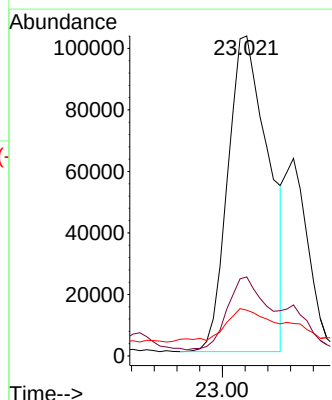
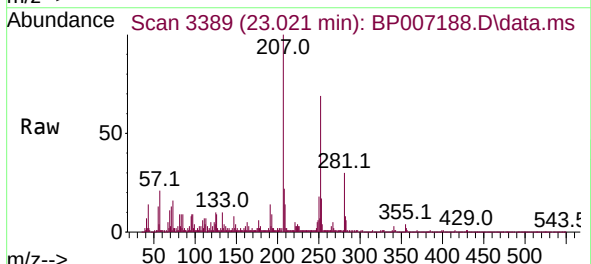
Instrument :
 BNA_P
 ClientSampleId :

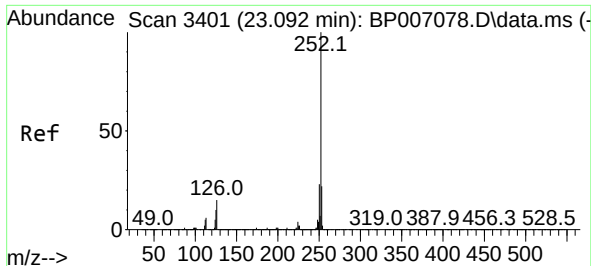
Tgt Ion:264 Resp: 1337432
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.4 17.6 26.4



#88
 Benzo(b)fluoranthene
 Concen: 3.195 ng
 RT: 23.021 min Scan# 3389
 Delta R.T. -0.012 min
 Lab File: BP007188.D
 Acq: 25 Sep 2021 16:09

Tgt Ion:252 Resp: 255385
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.5 26.3
 125 14.3 6.2 9.4#

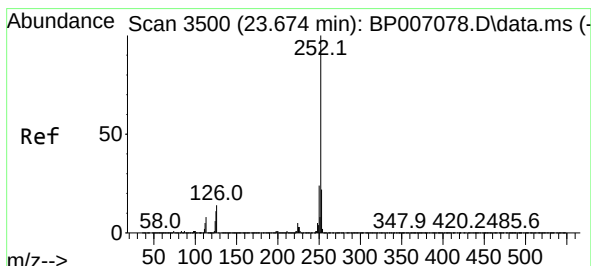
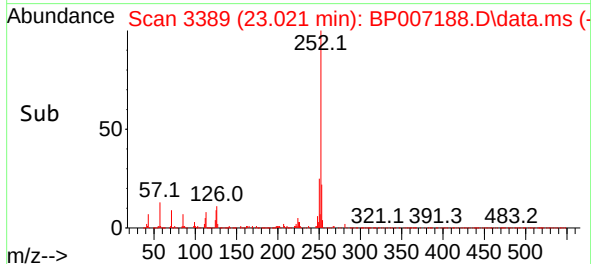
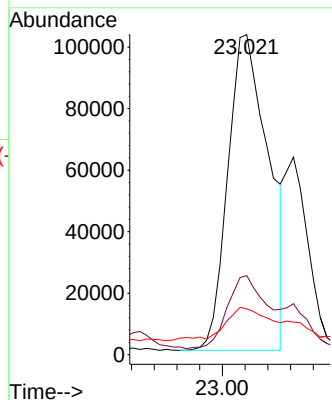
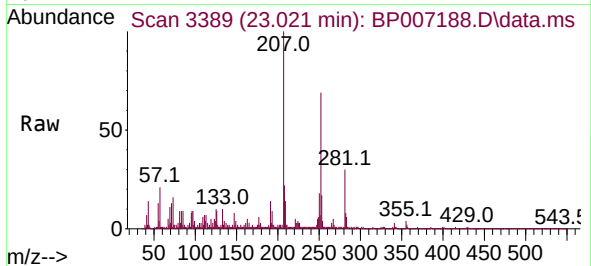




#89
Benzo(k)fluoranthene
Concen: 3.156 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.065 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Instrument :
BNA_P
ClientSampled :

Tgt Ion:252 Resp: 255385
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 14.3 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.668 ng
RT: 23.645 min Scan# 3495
Delta R.T. -0.024 min
Lab File: BP007188.D
Acq: 25 Sep 2021 16:09

Tgt Ion:252 Resp: 181172
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 16.1 6.5 9.7#

