

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
 Data File : BP007205.D
 Acq On : 27 Sep 2021 14:59
 Operator : CG/JU
 Sample : M3943-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-TV-1

Quant Time: Sep 27 16:50:59 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)

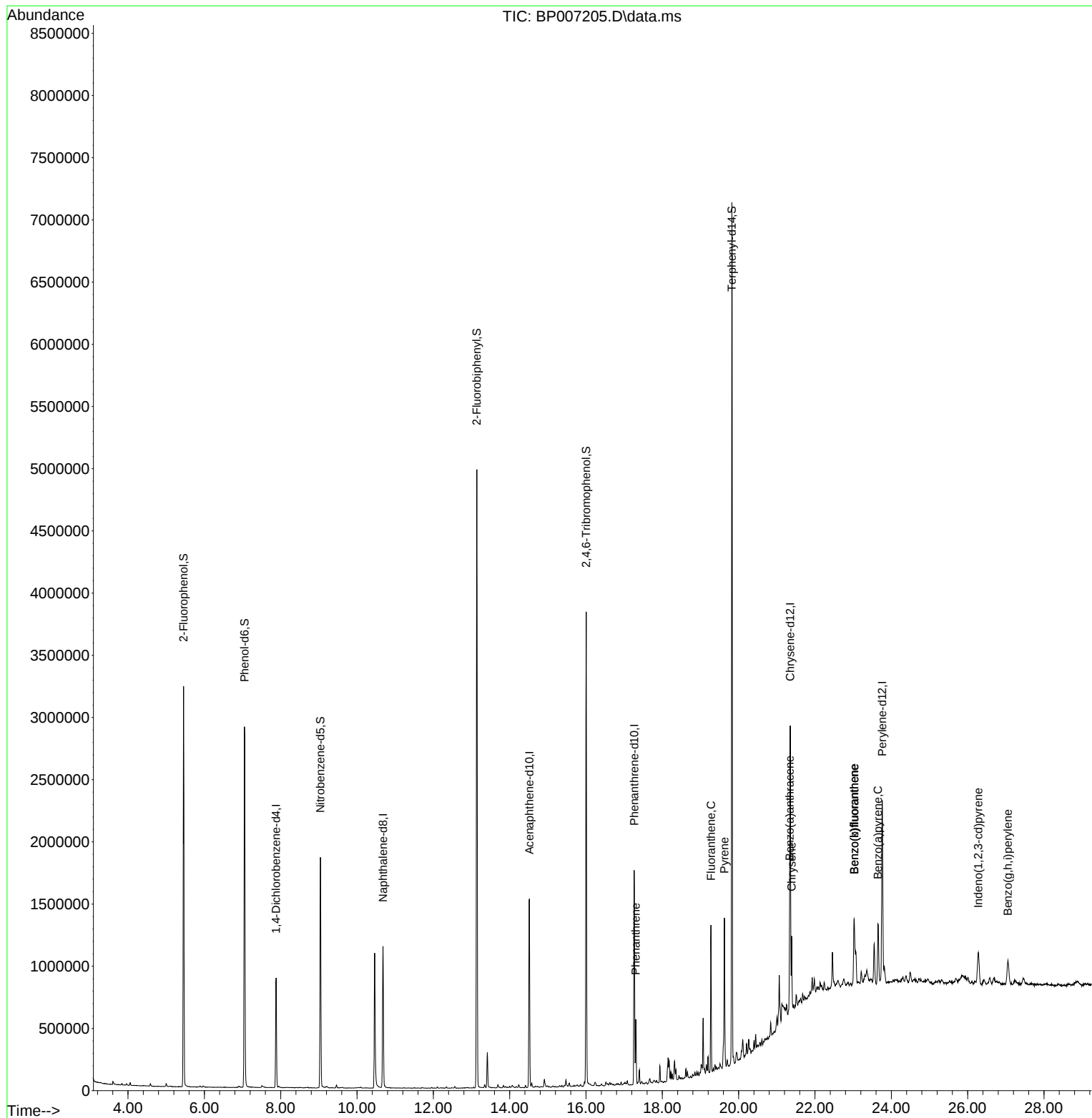
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	256836	20.000	ng	-0.01
21) Naphthalene-d8	10.681	136	952589	20.000	ng	#-0.01
39) Acenaphthene-d10	14.516	164	564229	20.000	ng	-0.01
64) Phenanthrene-d10	17.263	188	1087778	20.000	ng	#-0.01
76) Chrysene-d12	21.351	240	1012313	20.000	ng	0.00
86) Perylene-d12	23.762	264	1156763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1479843	96.450	ng	0.00
7) Phenol-d6	7.052	99	1824937	87.025	ng	-0.01
23) Nitrobenzene-d5	9.040	82	1103938	67.489	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	796545	108.893	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	2672288	67.852	ng	-0.01
79) Terphenyl-d14	19.822	244	3380014	63.982	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.304	178	323371	5.544	ng	99
75) Fluoranthene	19.275	202	697244	10.376	ng	98
78) Pyrene	19.627	202	712710	10.731	ng	100
81) Benzo(a)anthracene	21.333	228	375929	5.721	ng	99
83) Chrysene	21.386	228	344461	5.485	ng	97
87) Indeno(1,2,3-cd)pyrene	26.280	276	265278	3.191	ng	99
88) Benzo(b)fluoranthene	23.027	252	471883	6.826	ng	# 96
89) Benzo(k)fluoranthene	23.027	252	471883	6.742	ng	# 96
90) Benzo(a)pyrene	23.651	252	368841	6.280	ng	# 96
92) Benzo(g,h,i)perylene	27.056	276	268571	3.950	ng	# 95

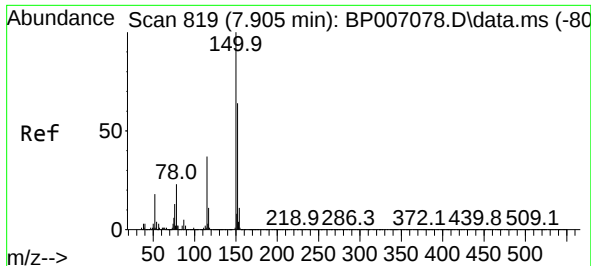
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
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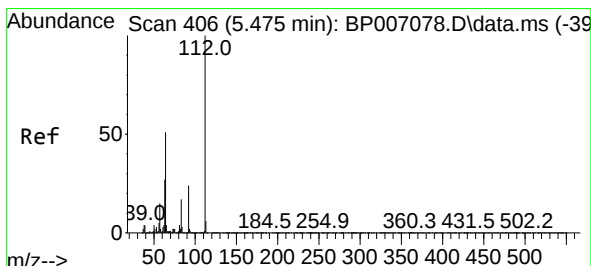
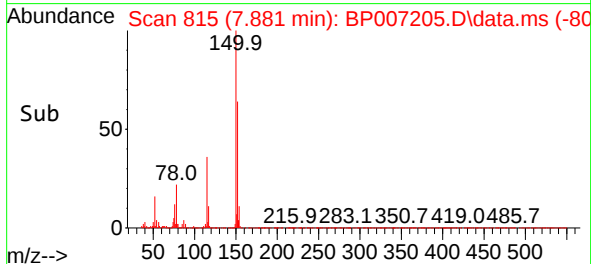
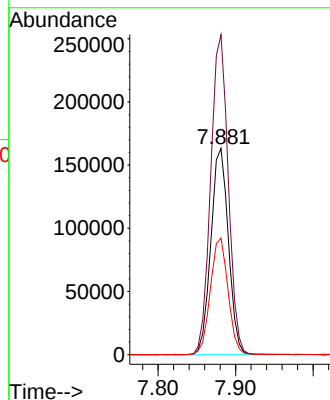
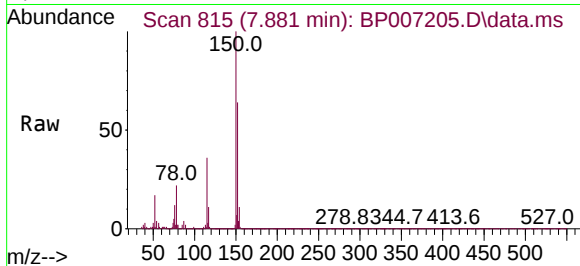




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

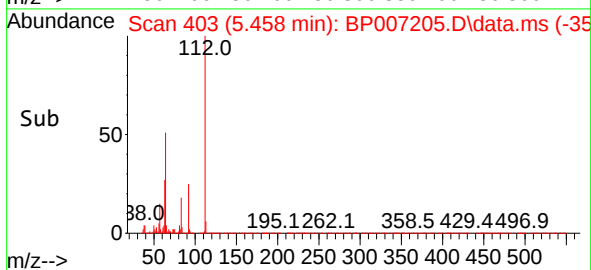
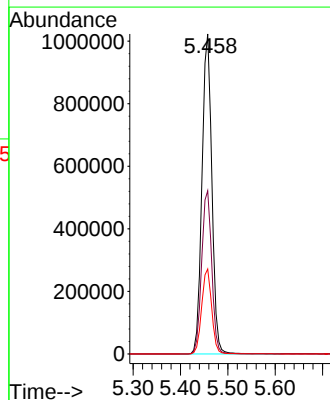
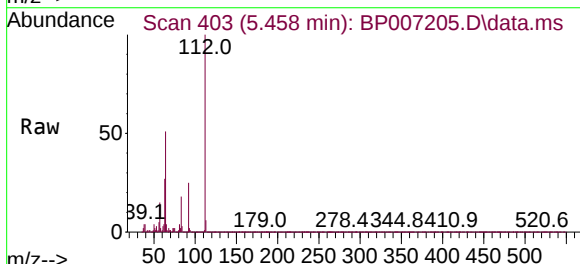
Instrument :
BNA_P
ClientSampleId :
WC-TV-1

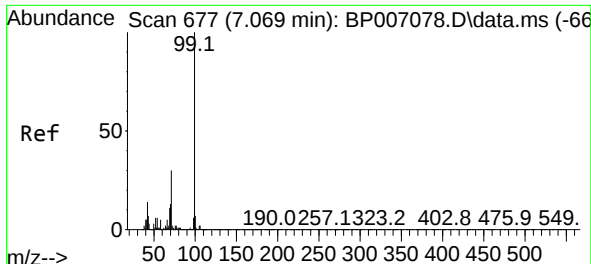
Tgt Ion:152 Resp: 256836
Ion Ratio Lower Upper
152 100
150 155.2 125.6 188.4
115 56.6 48.5 72.7



#5
2-Fluorophenol
Concen: 96.450 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Tgt Ion:112 Resp: 1479843
Ion Ratio Lower Upper
112 100
64 51.0 41.4 62.2
63 26.5 23.8 35.8



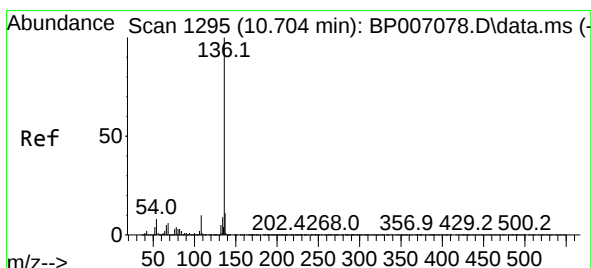
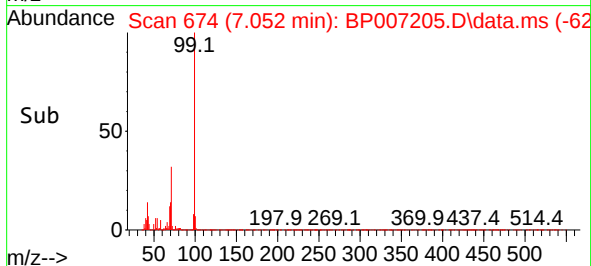
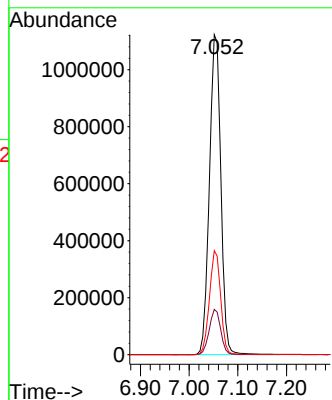
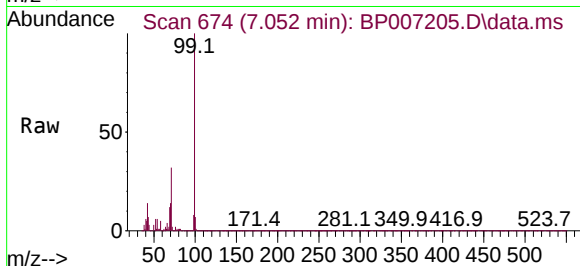


#7
Phenol-d6
Concen: 87.025 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Instrument :
BNA_P
ClientSampleId :
WC-TV-1

Tgt Ion: 99 Resp: 1824937

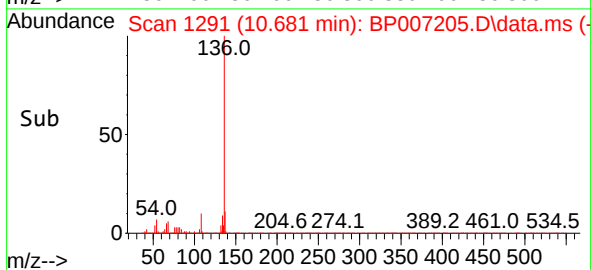
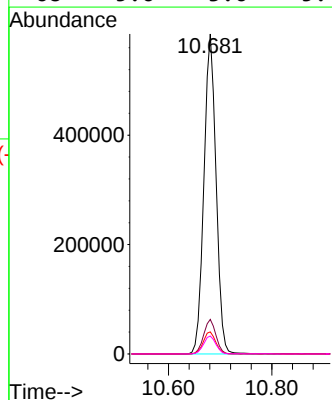
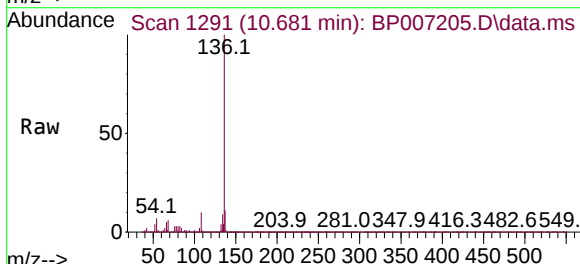
Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.4	20.0
71	32.5	30.6	46.0

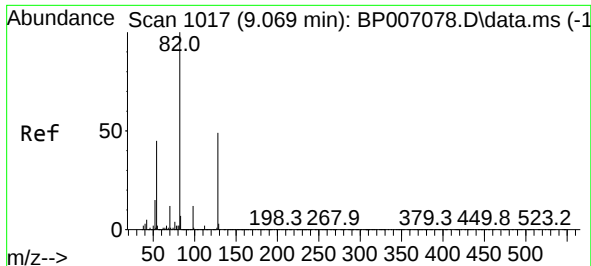


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Tgt Ion: 136 Resp: 952589

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.9	4.6	6.8#
68	5.6	3.6	5.4#

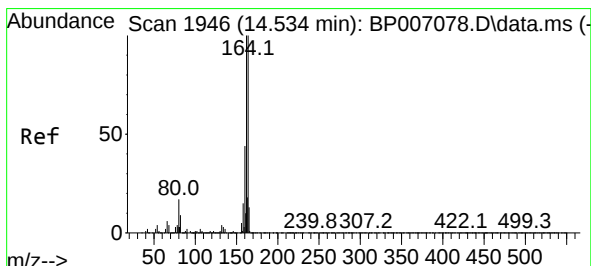
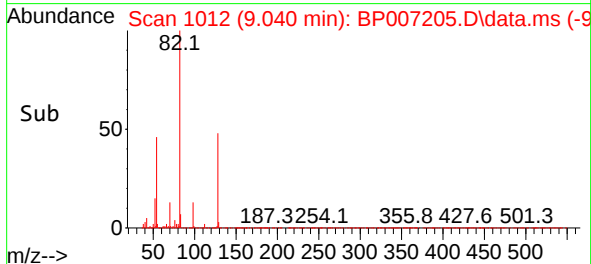
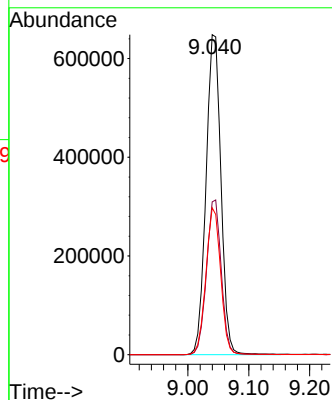
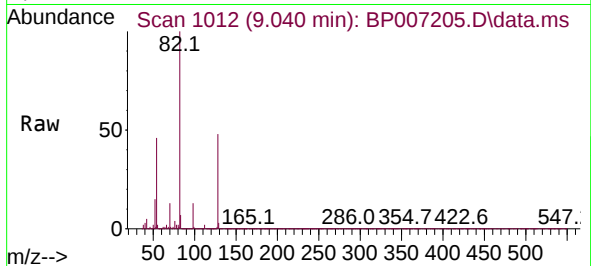




#23
Nitrobenzene-d5
Concen: 67.489 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.018 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

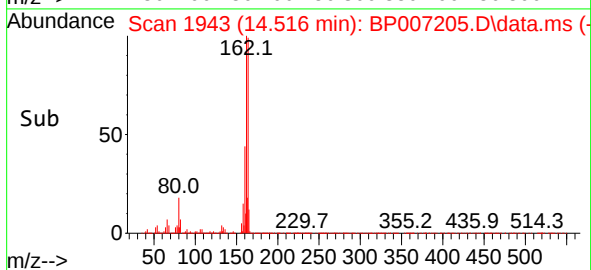
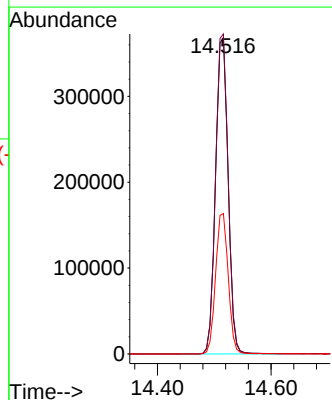
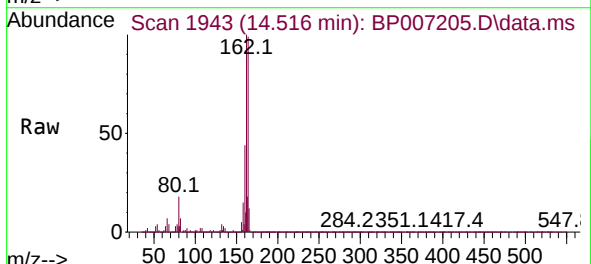
Instrument :
BNA_P
ClientSampleId :
WC-TV-1

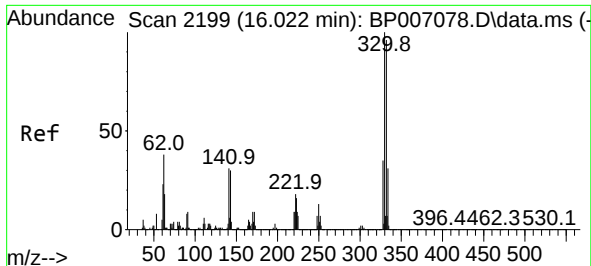
Tgt Ion: 82 Resp: 1103938
Ion Ratio Lower Upper
82 100
128 47.8 35.7 53.5
54 45.9 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Tgt Ion:164 Resp: 564229
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 44.4 34.5 51.7

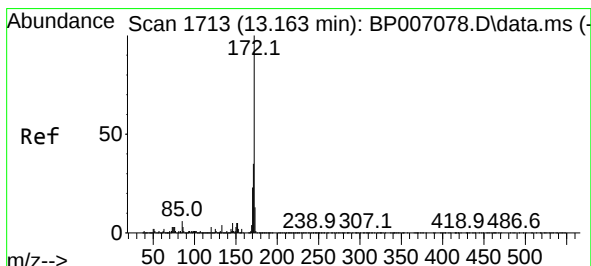
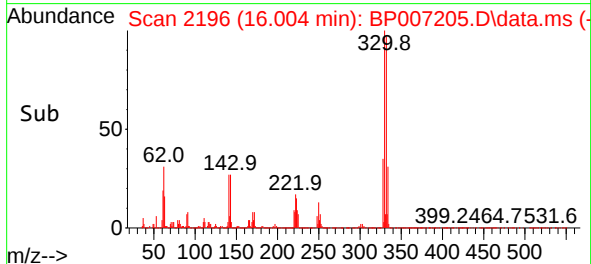
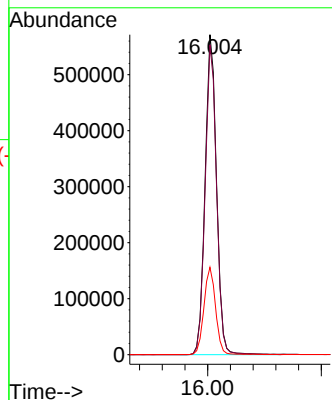
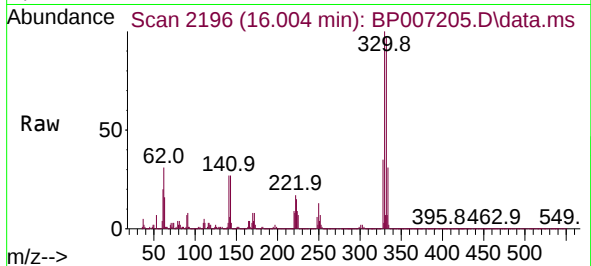




#42
2,4,6-Tribromophenol
Concen: 108.893 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

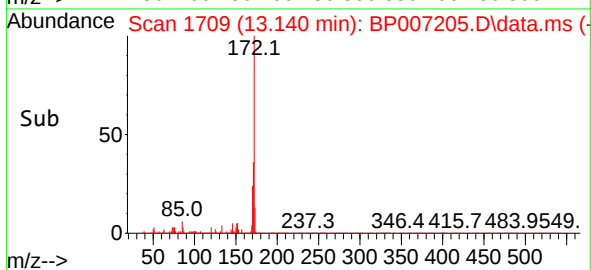
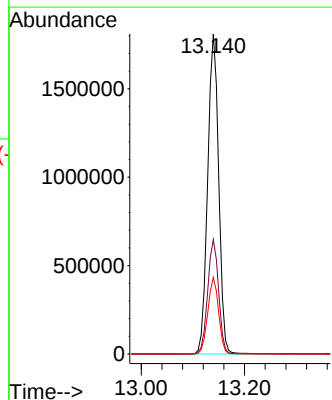
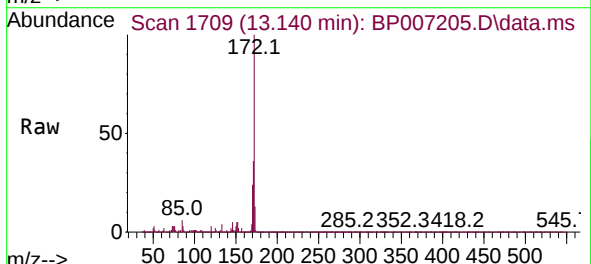
Instrument :
BNA_P
ClientSampleId :
WC-TV-1

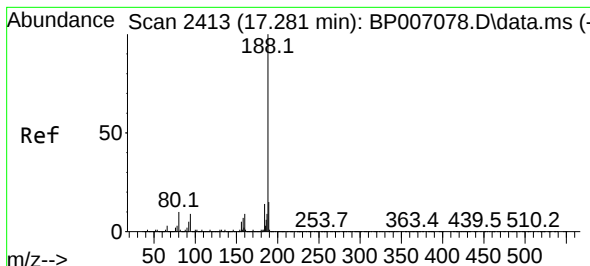
Tgt Ion:330 Resp: 796545
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 27.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 67.852 ng
RT: 13.140 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Tgt Ion:172 Resp: 2672288
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.9 18.6 27.8

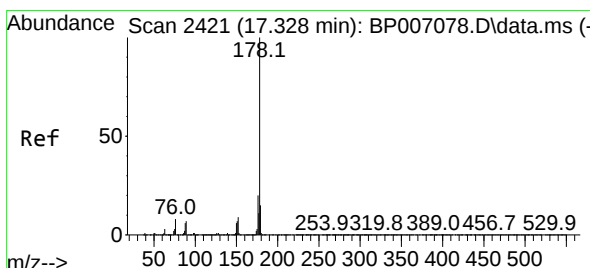
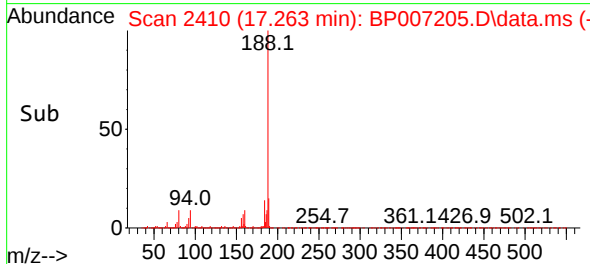
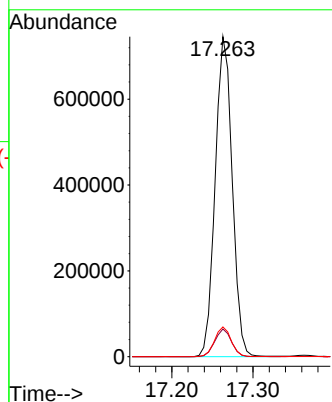
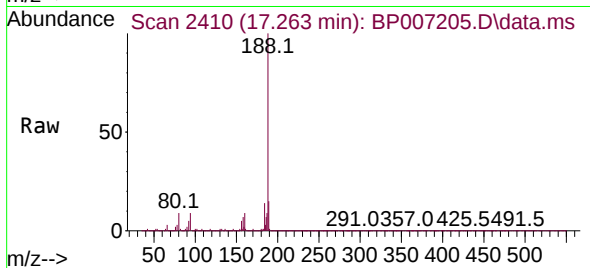




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

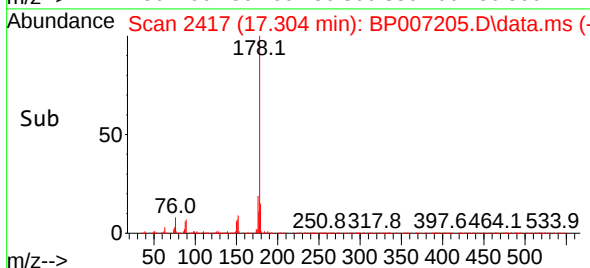
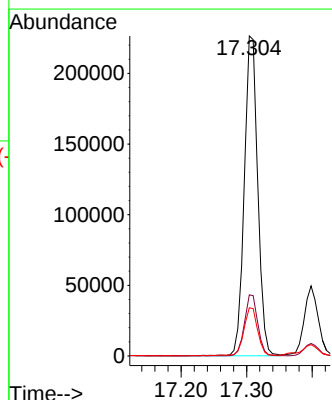
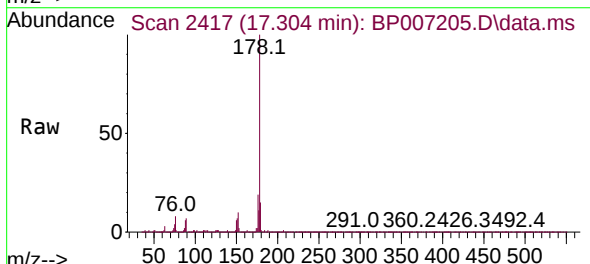
Instrument :
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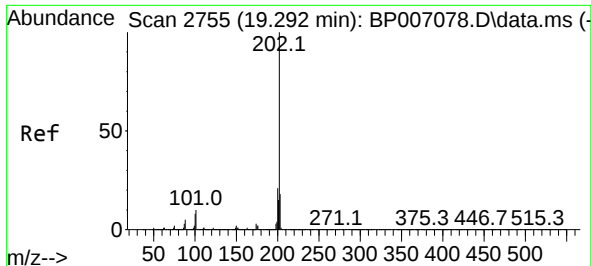
Tgt Ion:188 Resp: 1087778
Ion Ratio Lower Upper
188 100
94 8.7 5.6 8.4#
80 9.3 6.3 9.5



#71
Phenanthrene
Concen: 5.544 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Tgt Ion:178 Resp: 323371
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.1 12.4 18.6

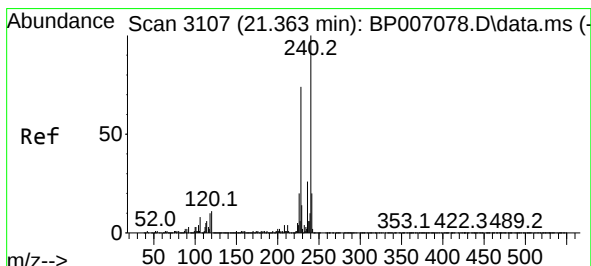
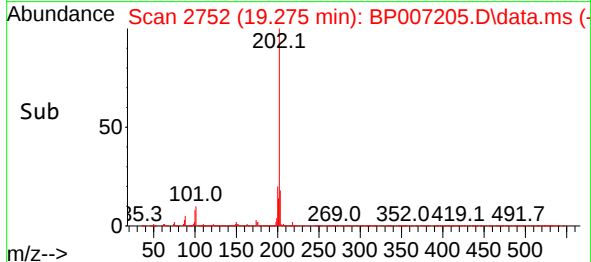
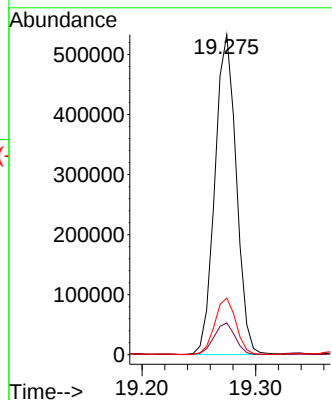
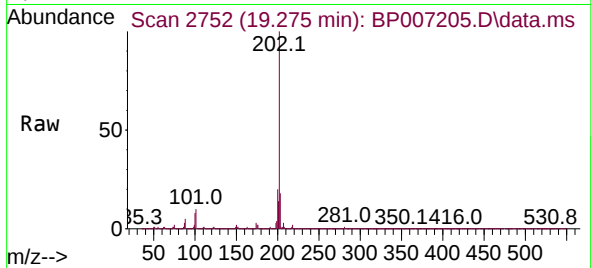




#75
Fluoranthene
Concen: 10.376 ng
RT: 19.275 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

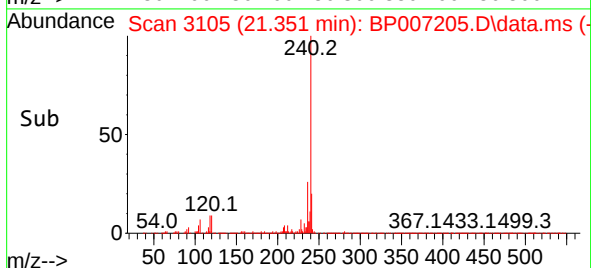
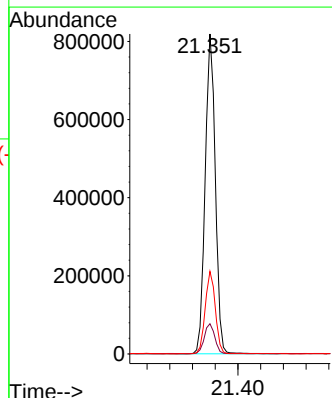
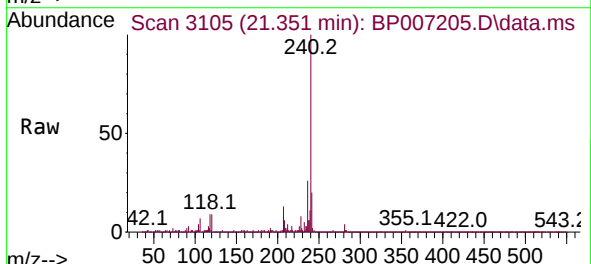
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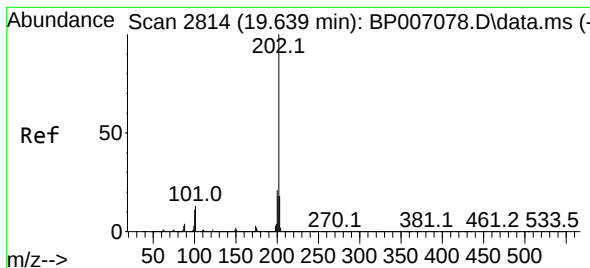
Tgt Ion:202 Resp: 697244
Ion Ratio Lower Upper
202 100
101 10.0 0.0 27.6
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Tgt Ion:240 Resp: 1012313
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 25.8 20.6 31.0





#78

Pyrene

Concen: 10.731 ng

RT: 19.627 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP007205.D

Acq: 27 Sep 2021 14:59

Instrument :

BNA_P

ClientSampleId :

WC-TV-1

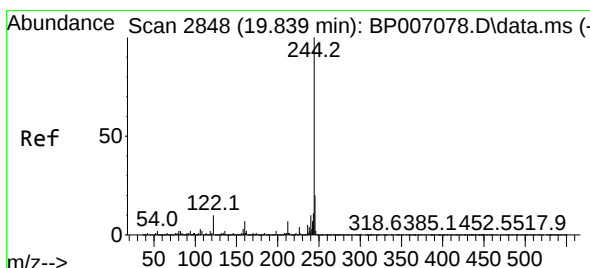
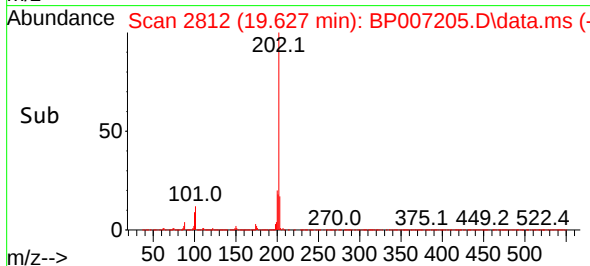
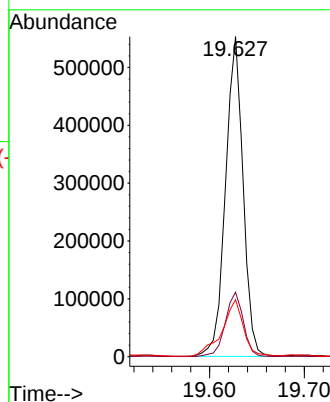
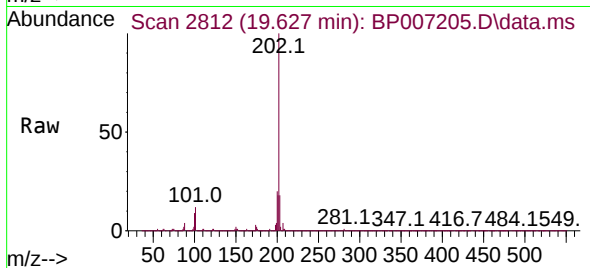
Tgt Ion:202 Resp: 712710

Ion Ratio Lower Upper

202 100

200 20.2 16.3 24.5

203 17.8 14.2 21.2



#79

Terphenyl-d14

Concen: 63.982 ng

RT: 19.822 min Scan# 2845

Delta R.T. -0.012 min

Lab File: BP007205.D

Acq: 27 Sep 2021 14:59

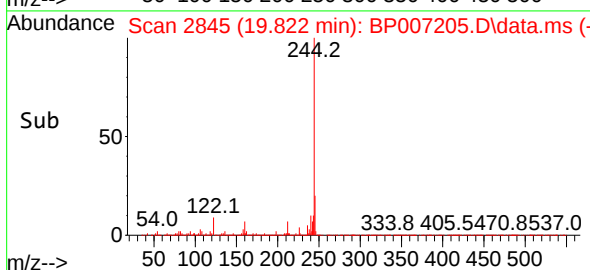
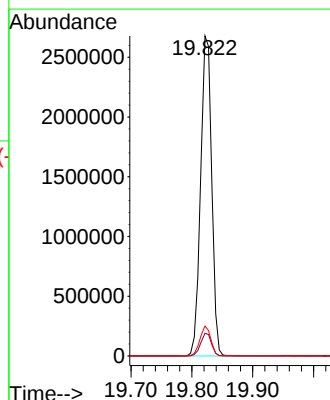
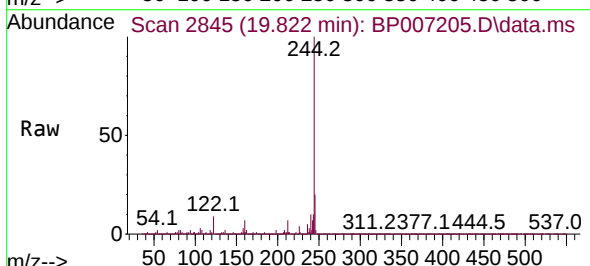
Tgt Ion:244 Resp: 3380014

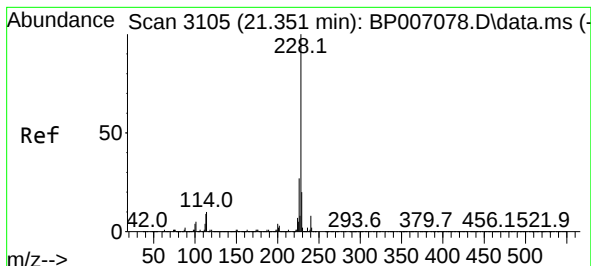
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.4 7.1 10.7





#81

Benzo(a)anthracene

Concen: 5.721 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BP007205.D

Acq: 27 Sep 2021 14:59

Tgt Ion:228 Resp: 375929

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

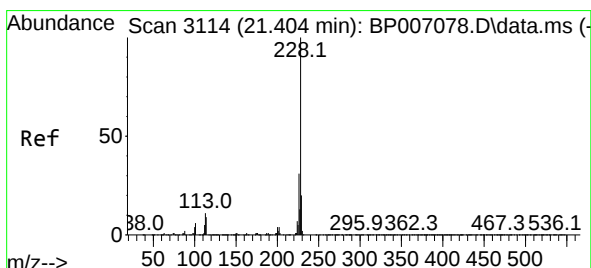
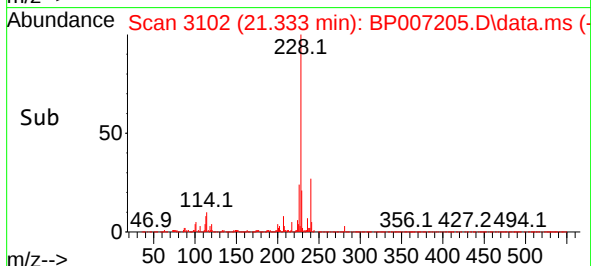
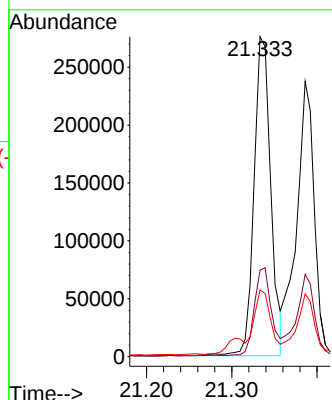
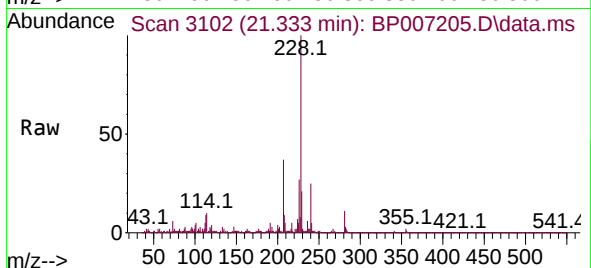
229 20.9 15.8 23.6

Instrument :

BNA_P

ClientSampleId :

WC-TV-1



#83

Chrysene

Concen: 5.485 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BP007205.D

Acq: 27 Sep 2021 14:59

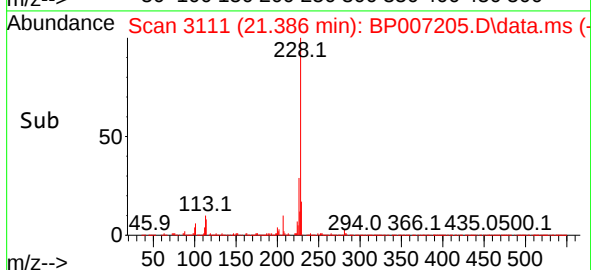
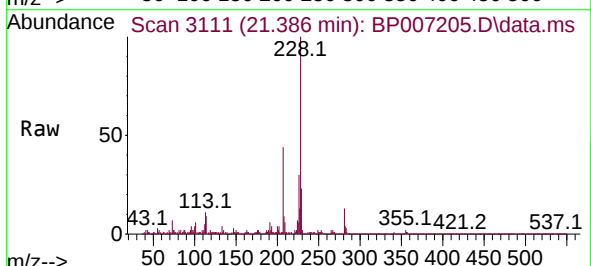
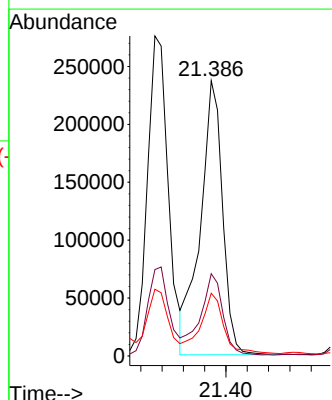
Tgt Ion:228 Resp: 344461

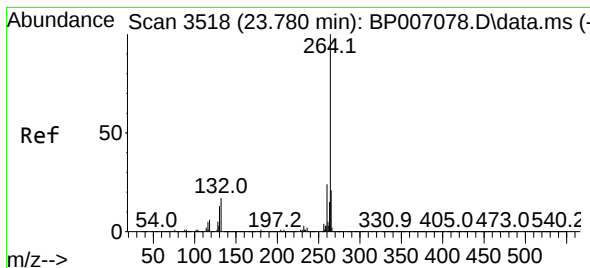
Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 22.8 15.4 23.2



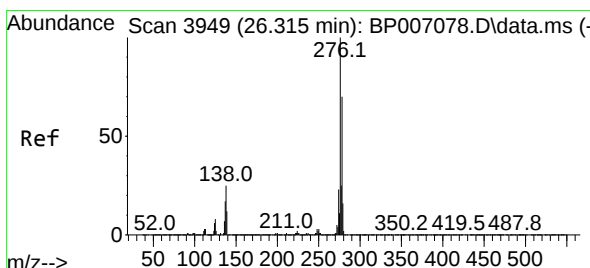
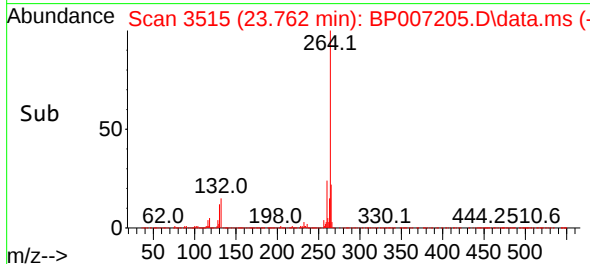
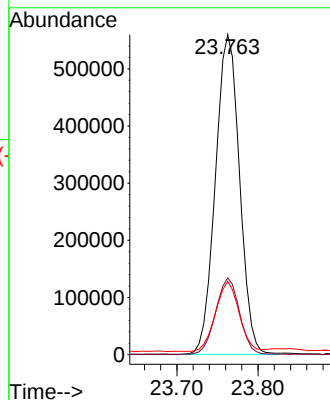
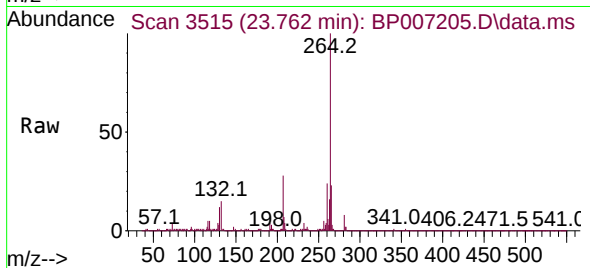


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Instrument :
BNA_P
ClientSampleId :
WC-TV-1

Tgt Ion:264 Resp: 1156763

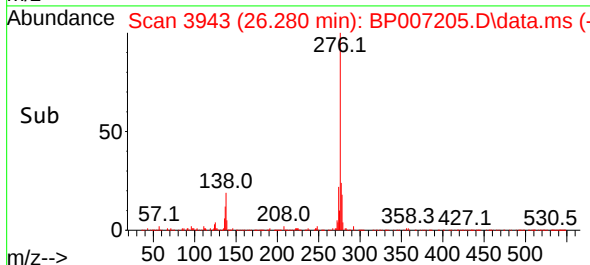
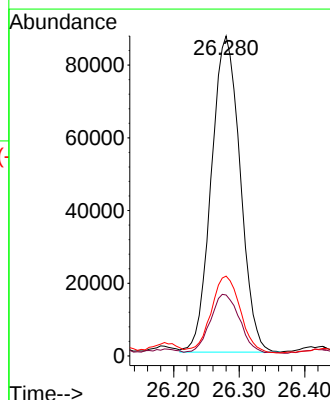
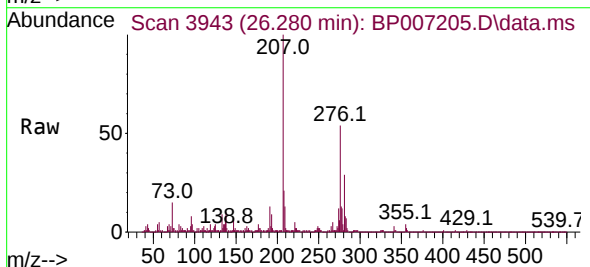
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.9	17.6	26.4

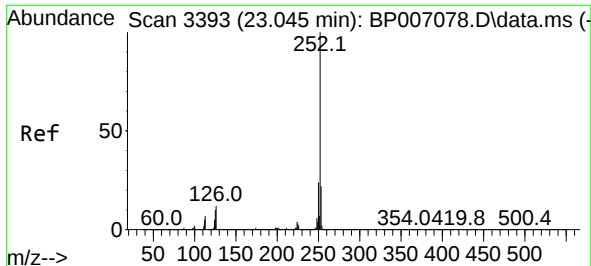


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.191 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.024 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Tgt Ion:276 Resp: 265278

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.3	22.9
277	24.7	20.4	30.6

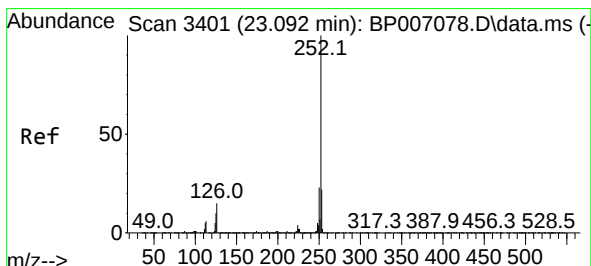
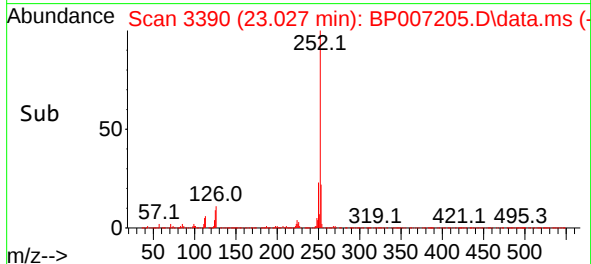
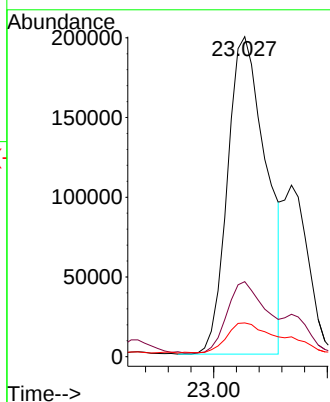
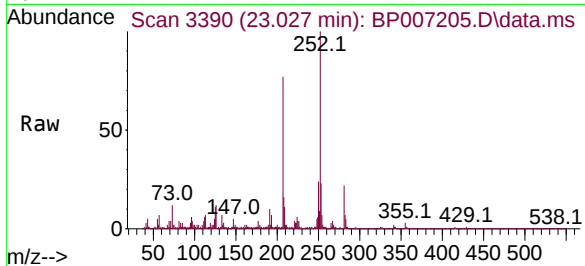




#88
Benzo(b)fluoranthene
Concen: 6.826 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.006 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

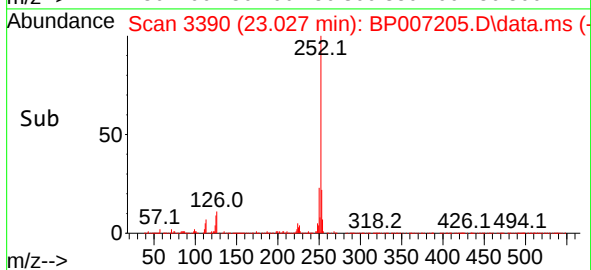
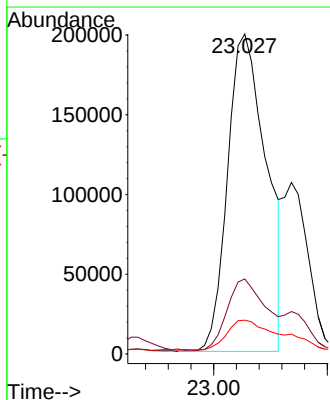
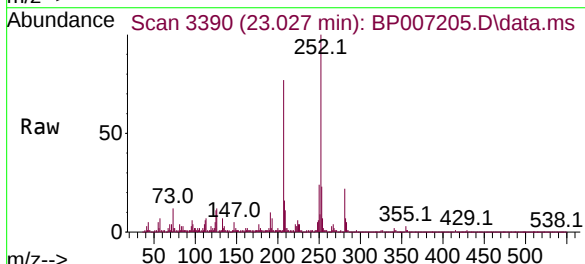
Instrument :
BNA_P
ClientSampleId :
WC-TV-1

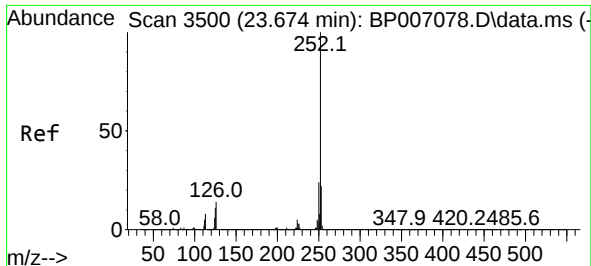
Tgt Ion:252 Resp: 471883
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 10.6 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 6.742 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.059 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Tgt Ion:252 Resp: 471883
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 10.6 6.0 9.0#

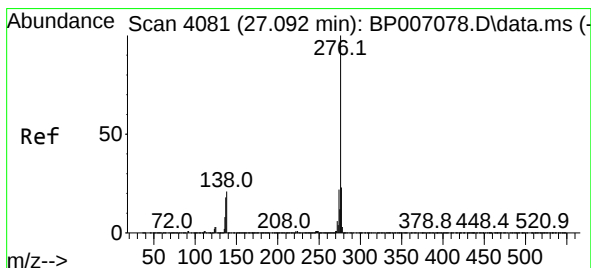
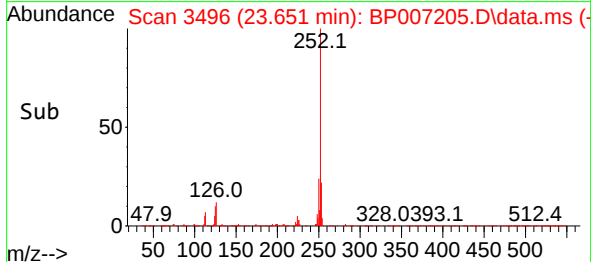
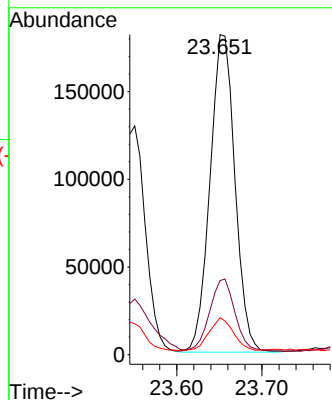
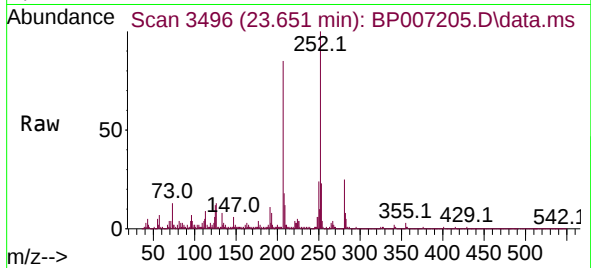




#90
Benzo(a)pyrene
Concen: 6.280 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.018 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Instrument :
BNA_P
ClientSampled :
WC-TV-1

Tgt Ion:252 Resp: 368841
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 11.5 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 3.950 ng
RT: 27.056 min Scan# 4075
Delta R.T. -0.018 min
Lab File: BP007205.D
Acq: 27 Sep 2021 14:59

Tgt Ion:276 Resp: 268571
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 19.8 12.6 18.8#

