

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009396.D
 Acq On : 14 Mar 2022 23:02
 Operator : CG/JU
 Sample : N1908-07 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-2

Quant Time: Mar 15 01:02:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

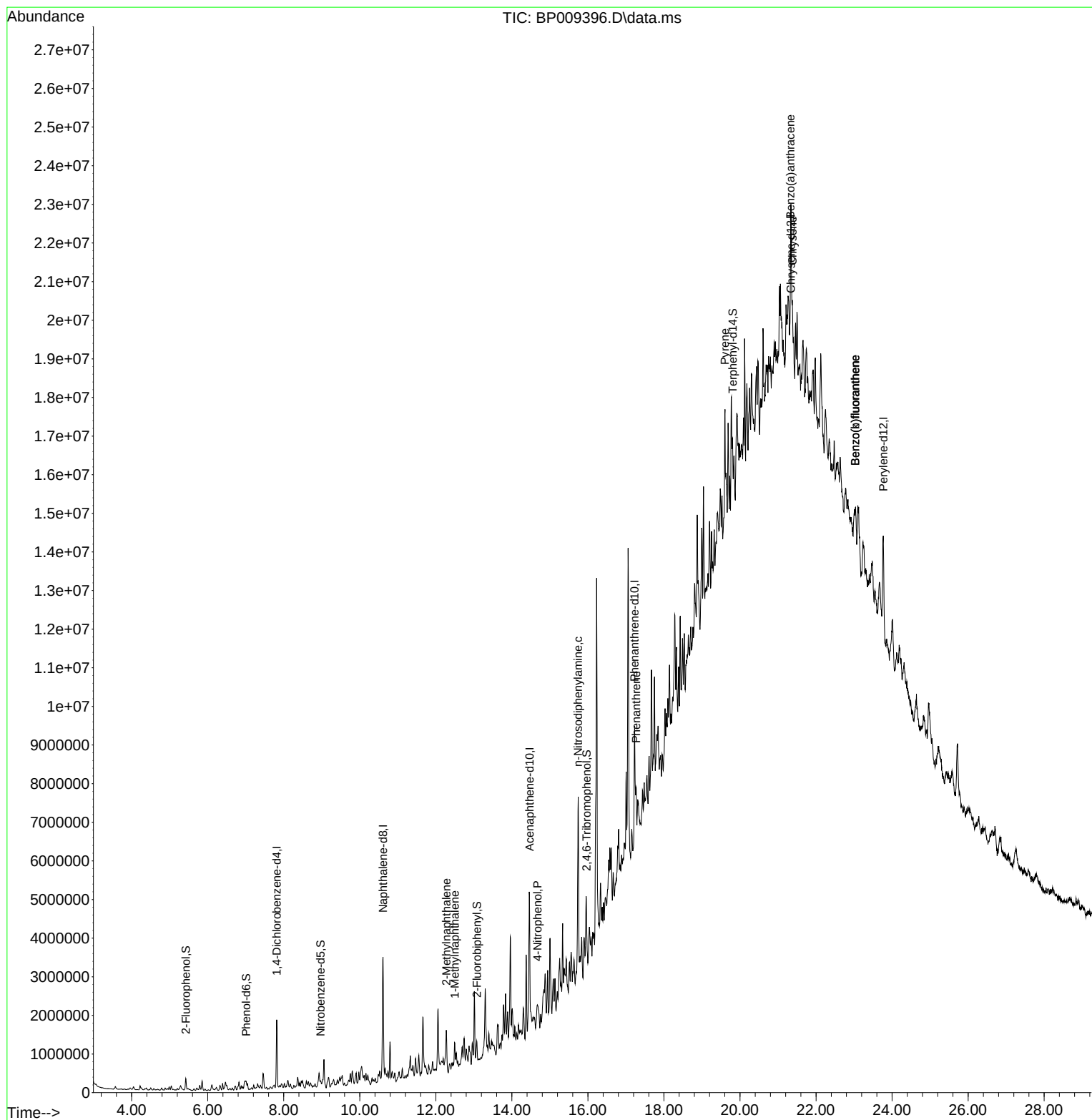
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	484168	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1895525	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	1171562	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	2275731	20.000	ng	0.00
76) Chrysene-d12	21.339	240	1887671	20.000	ng	0.01
86) Perylene-d12	23.769	264	2021864	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	110862	3.342	ng	0.01
7) Phenol-d6	7.011	99	140071	3.323	ng	0.02
23) Nitrobenzene-d5	8.969	82	99382	2.888	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	76480	5.406	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	240475	2.823	ng	0.00
79) Terphenyl-d14	19.804	244	341023	3.409	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.275	142	296779	3.979	ng	98
38) 1-Methylnaphthalene	12.499	142	266899	3.886	ng	100
56) 4-Nitrophenol	14.675	139	30891	2.049	ng	# 9
66) n-Nitrosodiphenylamine	15.740	169	230179	3.222	ng	# 47
71) Phenanthrene	17.269	178	512741	3.920	ng	# 86
78) Pyrene	19.604	202	698306	5.479	ng	# 88
81) Benzo(a)anthracene	21.327	228	514681	4.023	ng	# 61
83) Chrysene	21.380	228	913690	7.355	ng	# 75
88) Benzo(b)fluoranthene	23.027	252	290126	2.125	ng	# 1
89) Benzo(k)fluoranthene	23.027	252	290126	2.225	ng	# 1

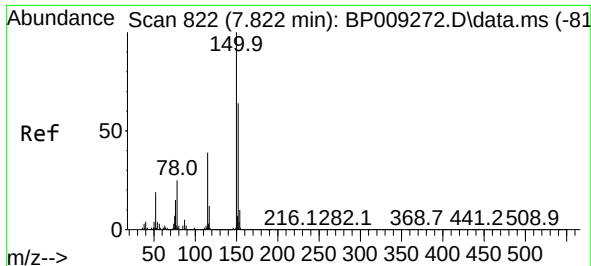
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 01:02:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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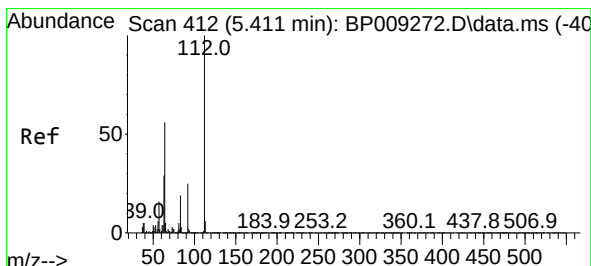
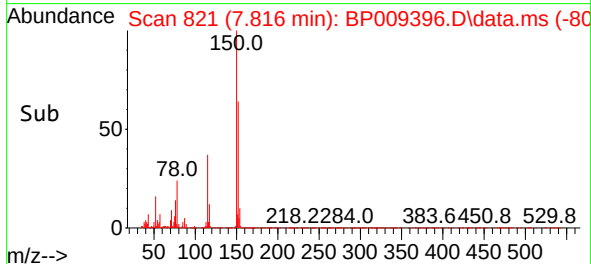
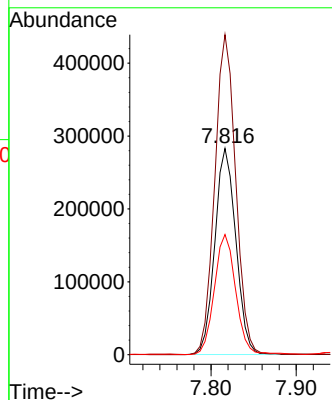
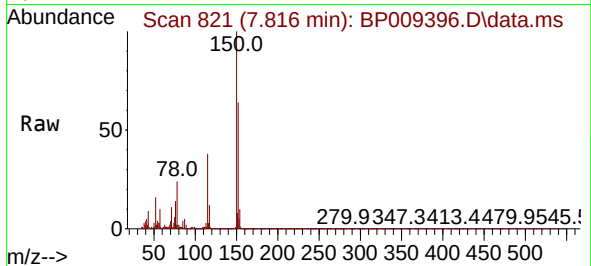




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

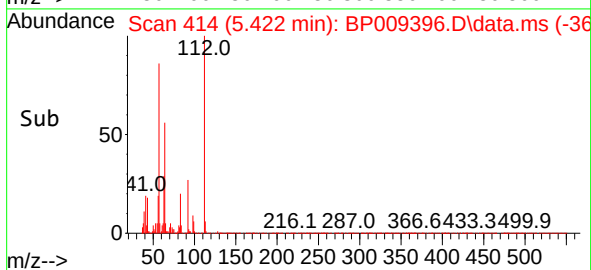
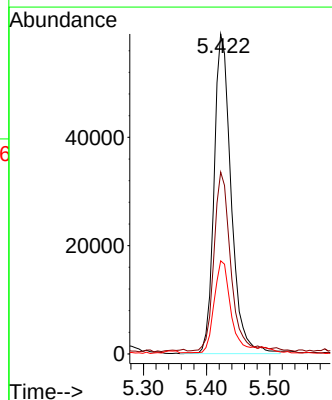
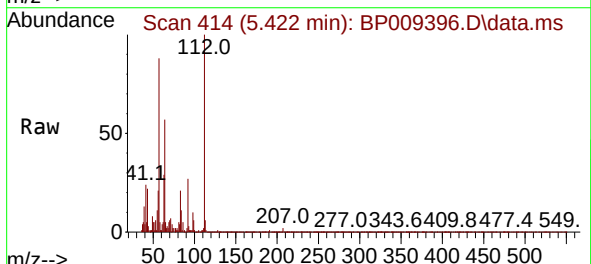
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

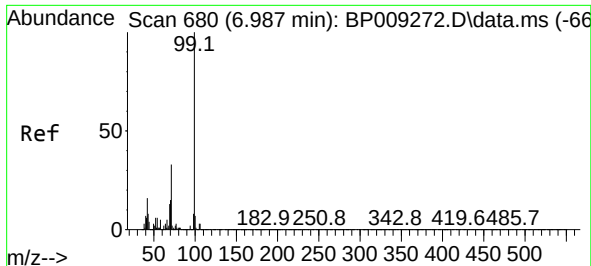
Tgt Ion:152 Resp: 484168
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 58.3 48.2 72.4



#5
2-Fluorophenol
Concen: 3.342 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Tgt Ion:112 Resp: 110862
Ion Ratio Lower Upper
112 100
64 56.9 45.0 67.4
63 29.1 23.0 34.6

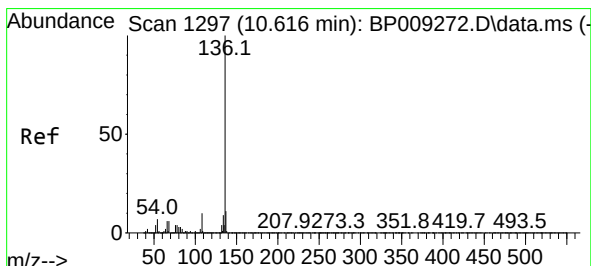
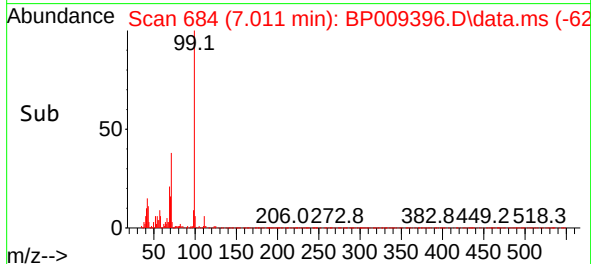
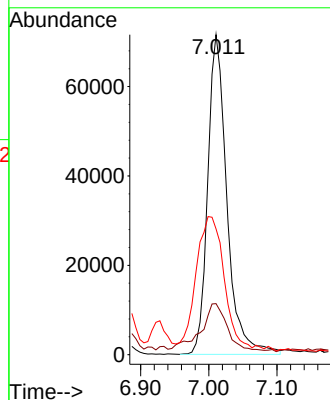
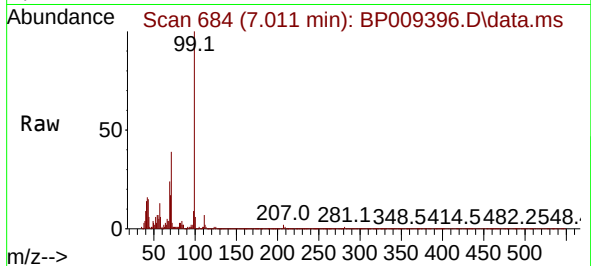




#7
Phenol-d6
Concen: 3.323 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

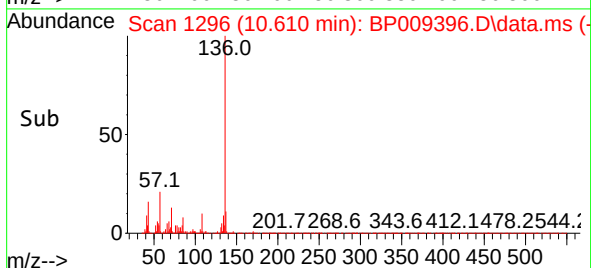
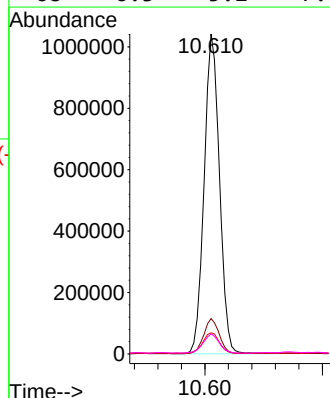
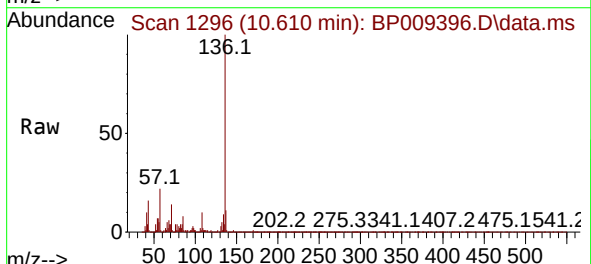
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

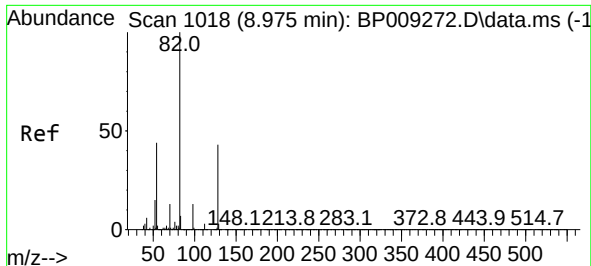
Tgt Ion:	99	Resp:	140071
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.8	19.2
71	39.3	26.3	39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Tgt Ion:	136	Resp:	1895525
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.6	5.8	8.8
68	6.3	5.2	7.8

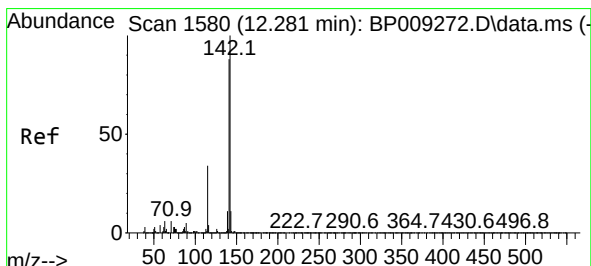
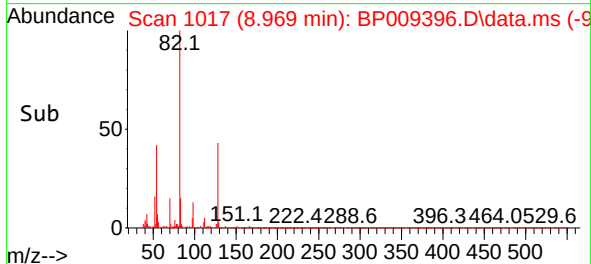
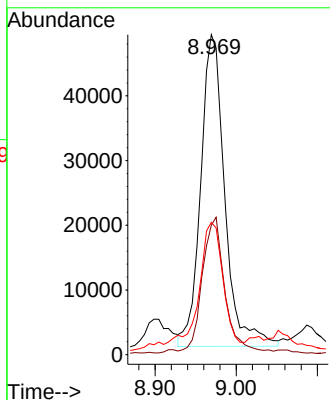
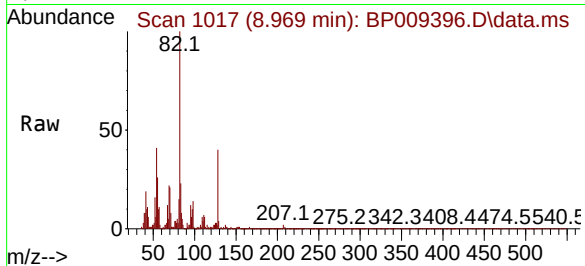




#23
Nitrobenzene-d5
Concen: 2.888 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

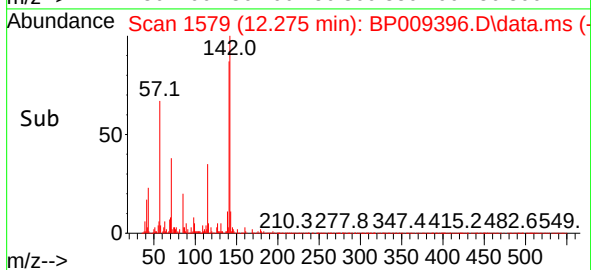
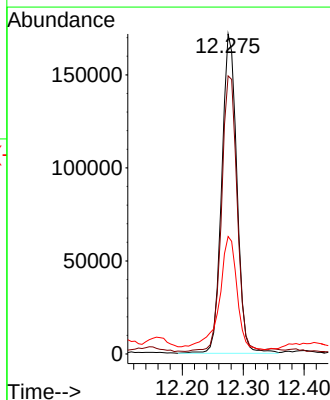
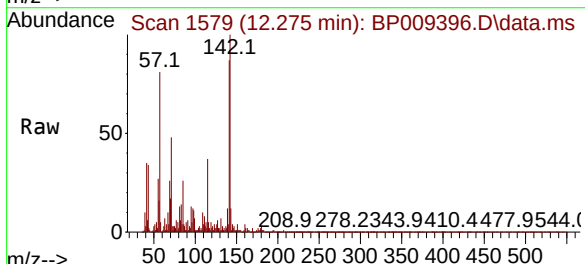
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

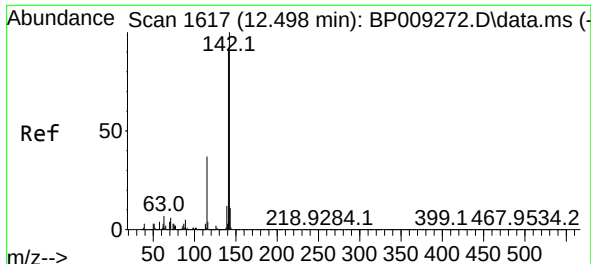
Tgt Ion: 82 Resp: 99382
Ion Ratio Lower Upper
82 100
128 40.5 34.2 51.4
54 41.3 34.7 52.1



#37
2-Methylnaphthalene
Concen: 3.979 ng
RT: 12.275 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Tgt Ion: 142 Resp: 296779
Ion Ratio Lower Upper
142 100
141 86.9 70.2 105.4
115 36.7 27.4 41.2

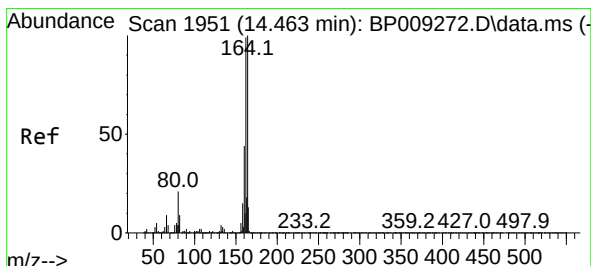
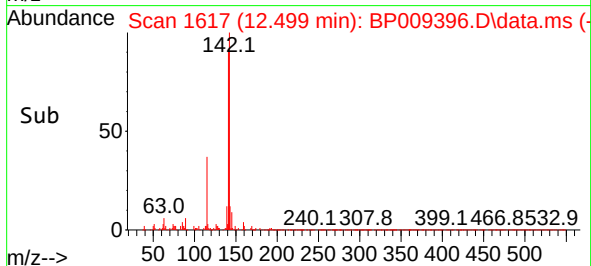
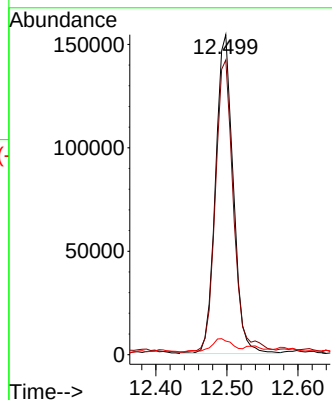
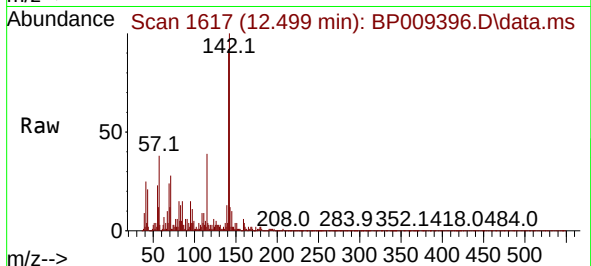




#38
1-Methylnaphthalene
Concen: 3.886 ng
RT: 12.499 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

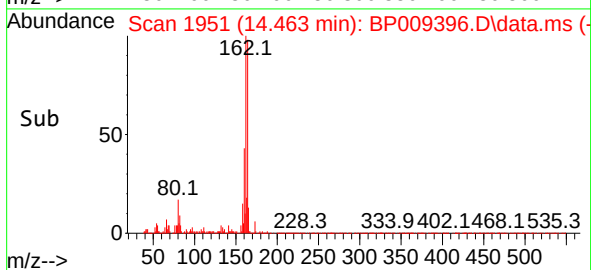
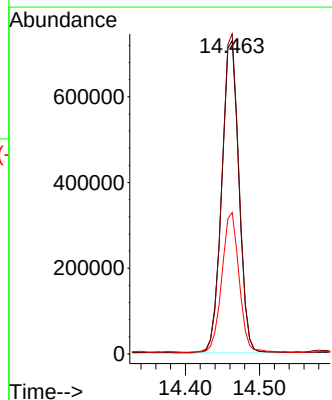
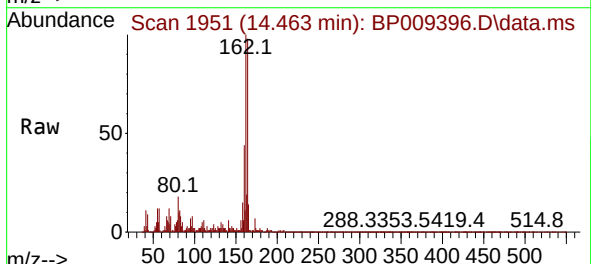
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

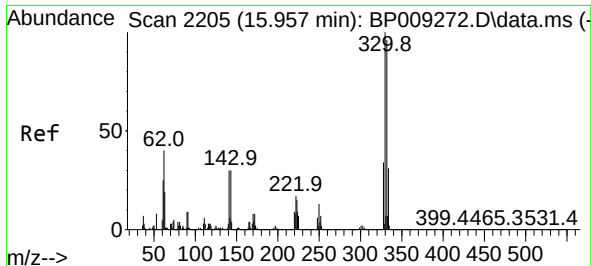
Tgt Ion:142 Resp: 266899
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 4.2 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Tgt Ion:164 Resp: 1171562
Ion Ratio Lower Upper
164 100
162 102.2 79.1 118.7
160 45.2 34.9 52.3

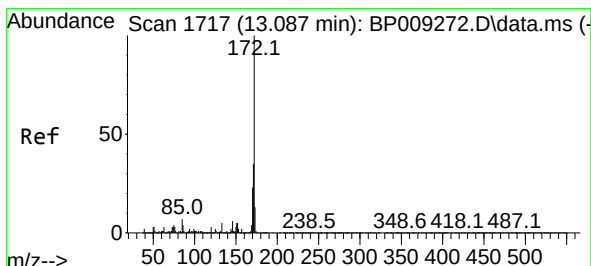
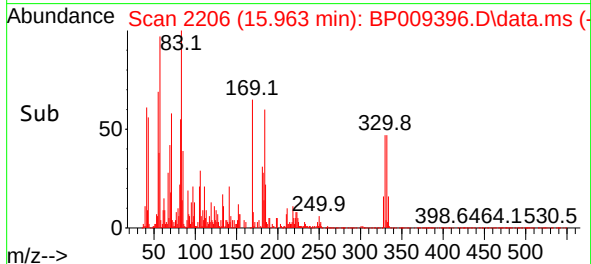
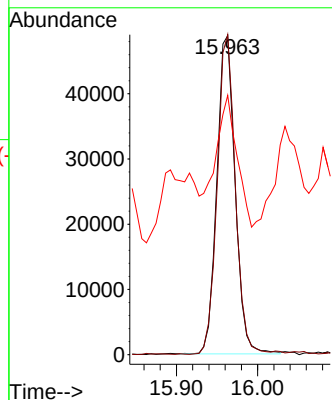
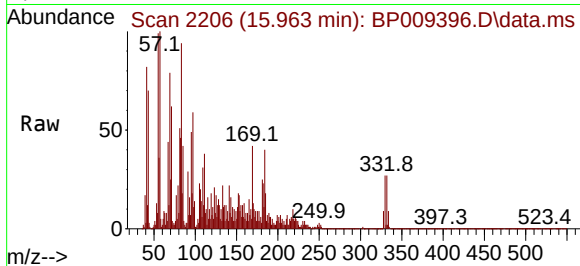




#42
2,4,6-Tribromophenol
Concen: 5.406 ng
RT: 15.963 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

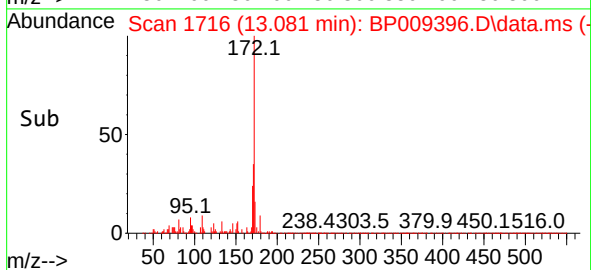
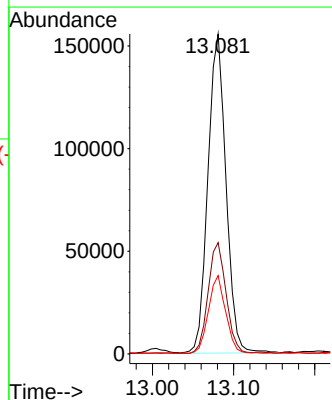
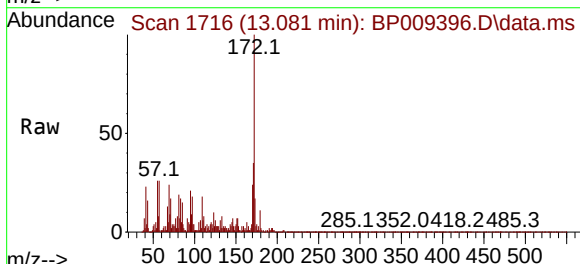
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

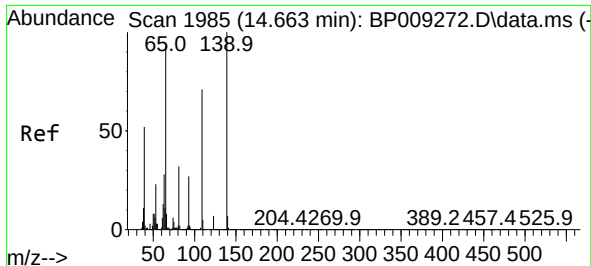
Tgt Ion: 330 Resp: 76480
Ion Ratio Lower Upper
330 100
332 99.2 77.0 115.6
141 47.0 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 2.823 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Tgt Ion: 172 Resp: 240475
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 24.5 18.6 27.8

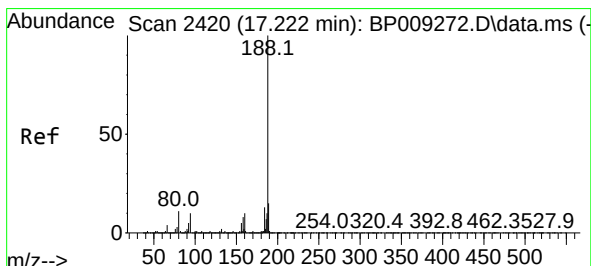
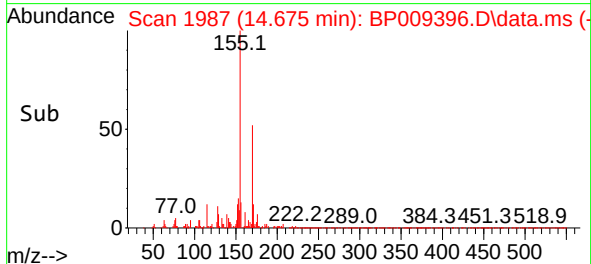
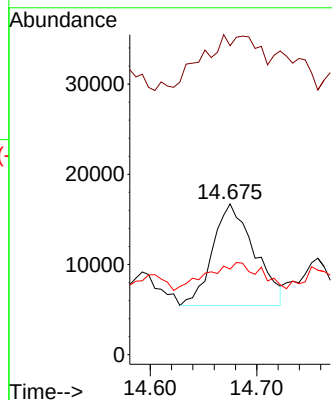
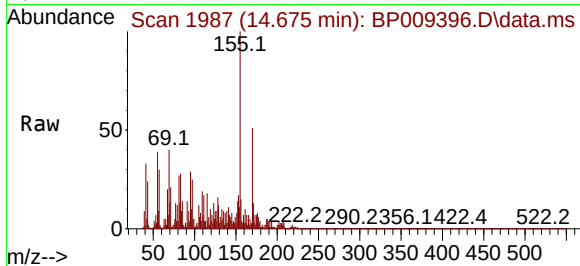




#56
4-Nitrophenol
Concen: 2.049 ng
RT: 14.675 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

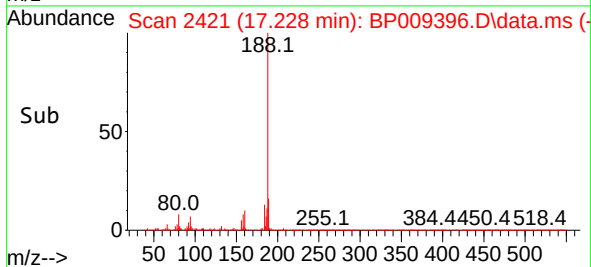
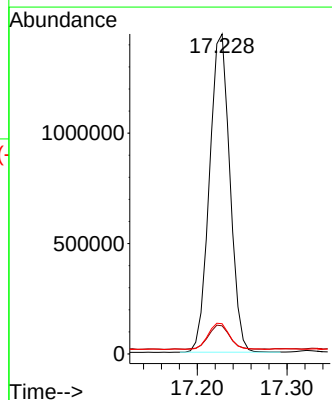
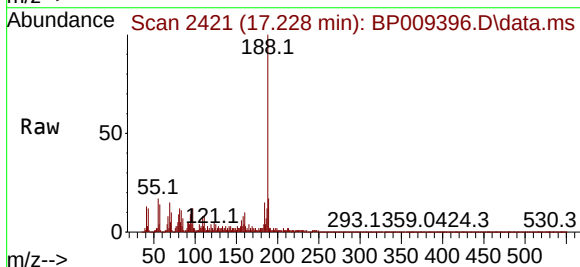
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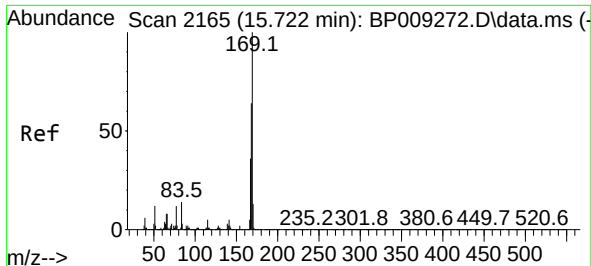
Tgt Ion:139 Resp: 30891
Ion Ratio Lower Upper
139 100
109 205.1 51.2 91.2#
65 56.9 73.2 113.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Tgt Ion:188 Resp: 2275731
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.5 8.8 13.2

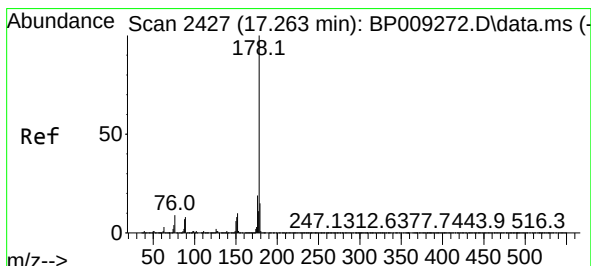
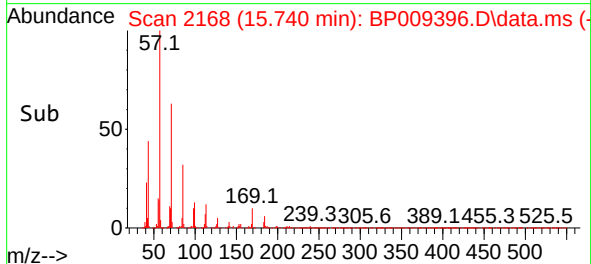
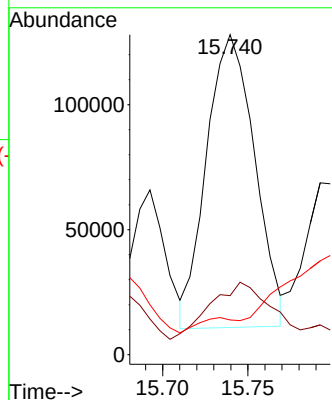
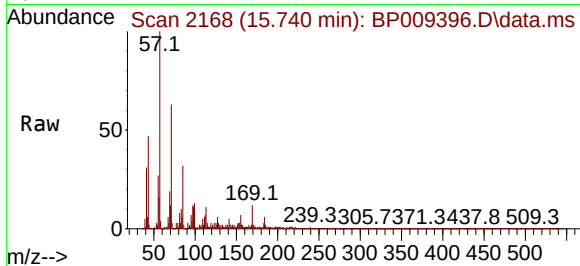




#66
n-Nitrosodiphenylamine
Concen: 3.222 ng
RT: 15.740 min Scan# 2168
Delta R.T. 0.018 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

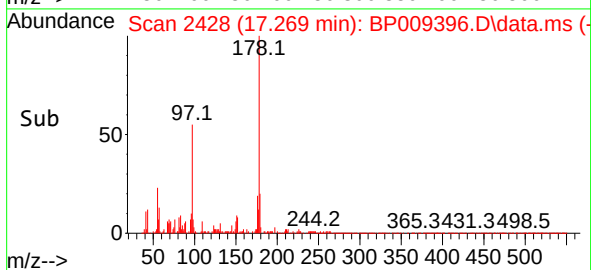
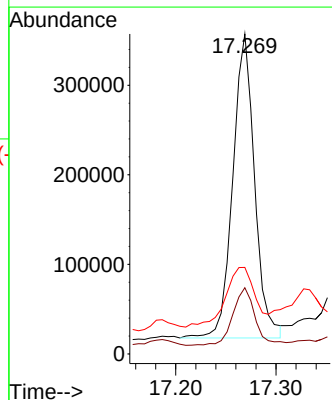
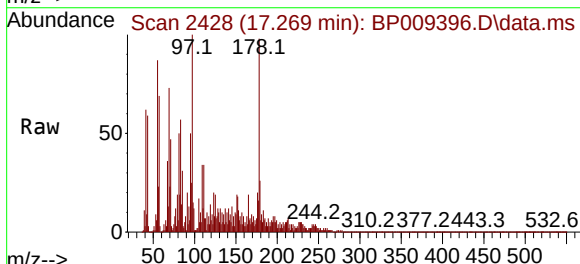
Instrument :
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WC-14A-2

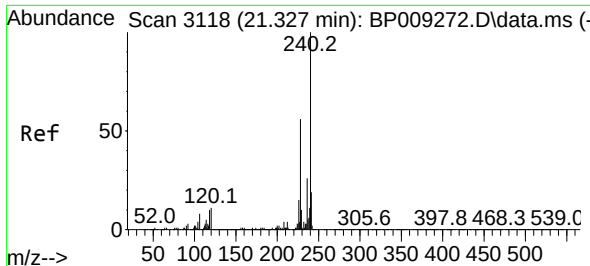
Tgt Ion:169 Resp: 230179
Ion Ratio Lower Upper
169 100
168 18.5 51.6 77.4#
167 10.8 29.0 43.4#



#71
Phenanthrene
Concen: 3.920 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Tgt Ion:178 Resp: 512741
Ion Ratio Lower Upper
178 100
176 20.7 15.4 23.2
179 27.0 12.3 18.5#

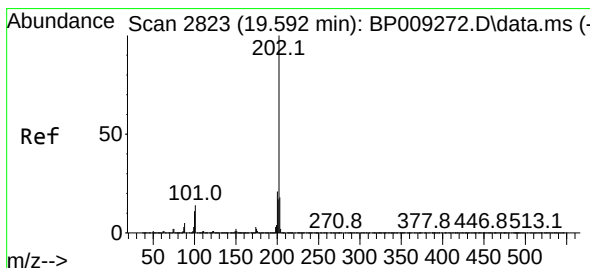
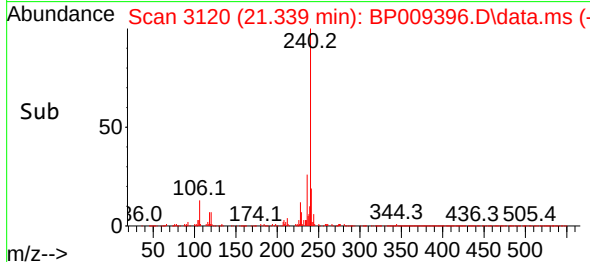
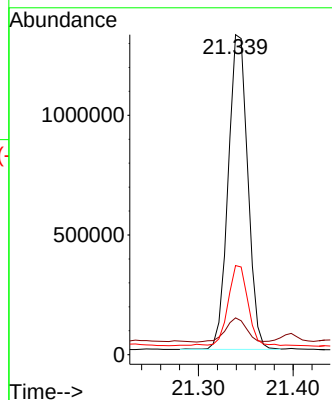
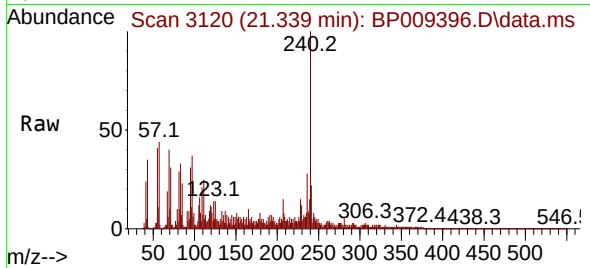




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

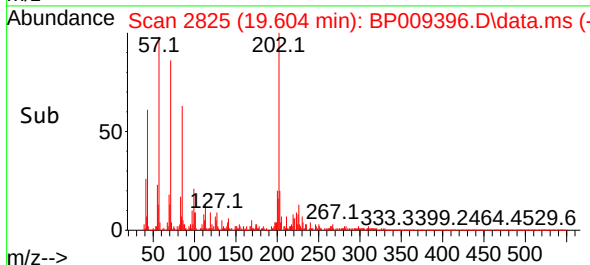
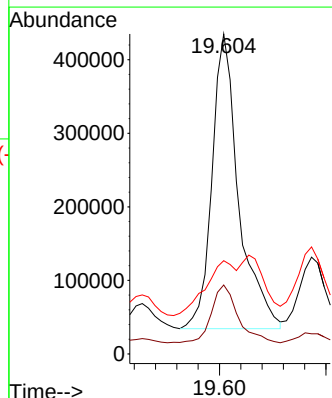
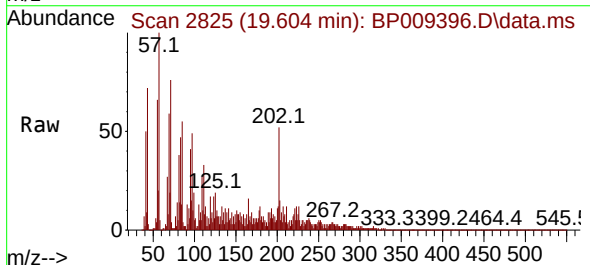
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

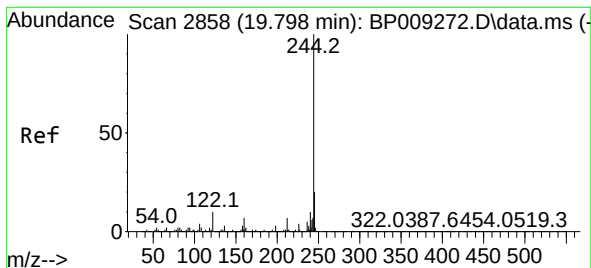
Tgt Ion:240 Resp: 1887671
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 27.9 20.6 30.8



#78
Pyrene
Concen: 5.479 ng
RT: 19.604 min Scan# 2825
Delta R.T. 0.012 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Tgt Ion:202 Resp: 698306
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 29.2 14.2 21.4#





#79

Terphenyl-d14

Concen: 3.409 ng

RT: 19.804 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP009396.D

Acq: 14 Mar 2022 23:02

Instrument :

BNA_P

ClientSampleId :

WC-14A-2

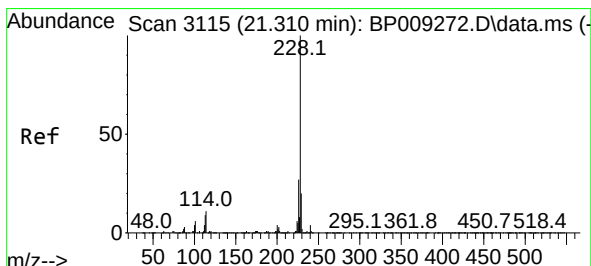
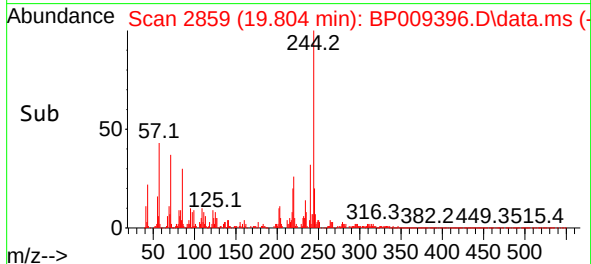
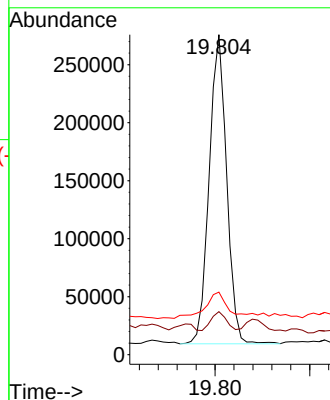
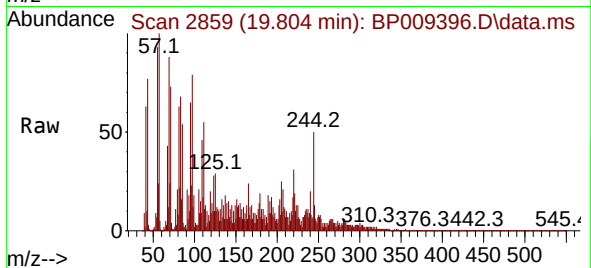
Tgt Ion:244 Resp: 341023

Ion Ratio Lower Upper

244 100

212 13.5 5.8 8.6#

122 19.6 8.3 12.5#



#81

Benzo(a)anthracene

Concen: 4.023 ng

RT: 21.327 min Scan# 3118

Delta R.T. 0.018 min

Lab File: BP009396.D

Acq: 14 Mar 2022 23:02

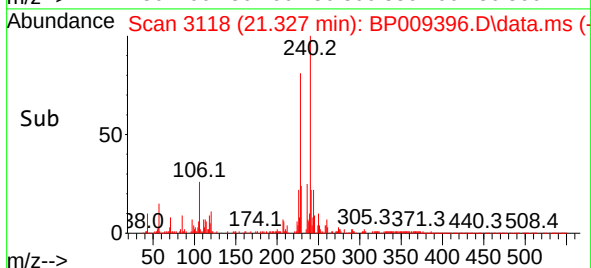
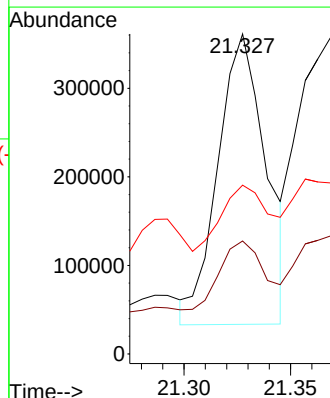
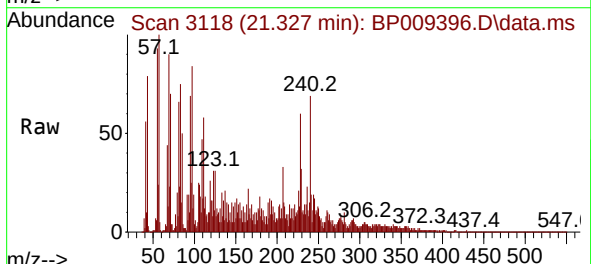
Tgt Ion:228 Resp: 514681

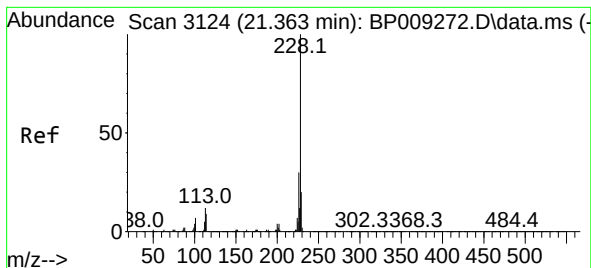
Ion Ratio Lower Upper

228 100

226 35.3 22.0 33.0#

229 52.8 16.1 24.1#





#83

Chrysene

Concen: 7.355 ng

RT: 21.380 min Scan# 3124

Delta R.T. 0.018 min

Lab File: BP009396.D

Acq: 14 Mar 2022 23:02

Instrument :

BNA_P

ClientSampleId :

WC-14A-2

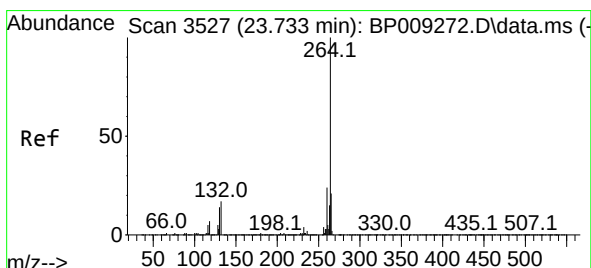
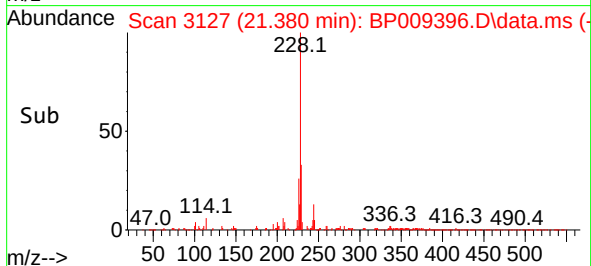
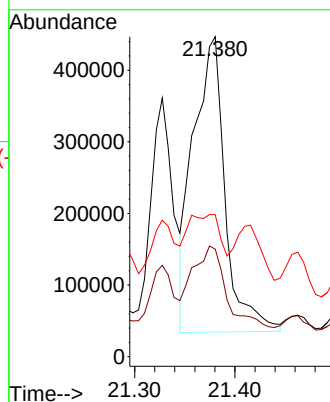
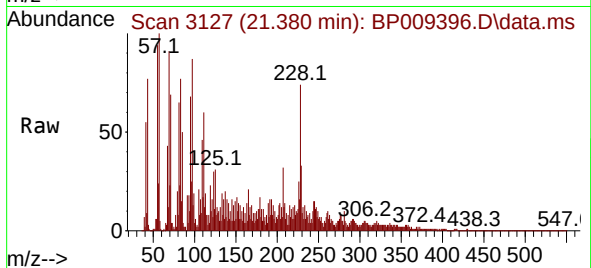
Tgt Ion:228 Resp: 913690

Ion Ratio Lower Upper

228 100

226 33.6 24.2 36.2

229 44.4 16.1 24.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.769 min Scan# 3533

Delta R.T. 0.035 min

Lab File: BP009396.D

Acq: 14 Mar 2022 23:02

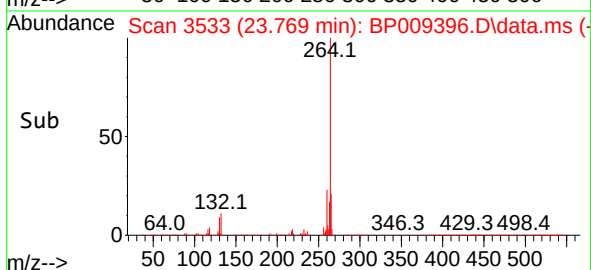
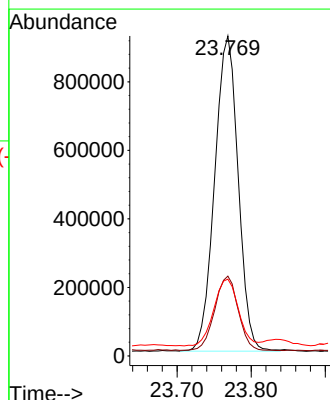
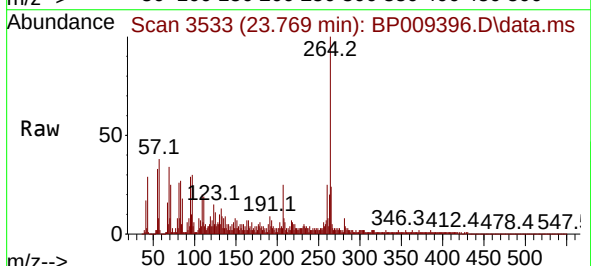
Tgt Ion:264 Resp: 2021864

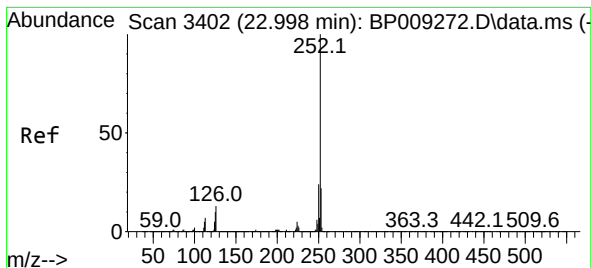
Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.0

265 24.0 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.125 ng

RT: 23.027 min Scan# 3407

Delta R.T. 0.029 min

Lab File: BP009396.D

Acq: 14 Mar 2022 23:02

Instrument :

BNA_P

ClientSampleId :

WC-14A-2

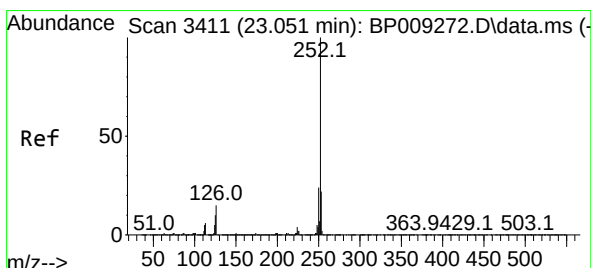
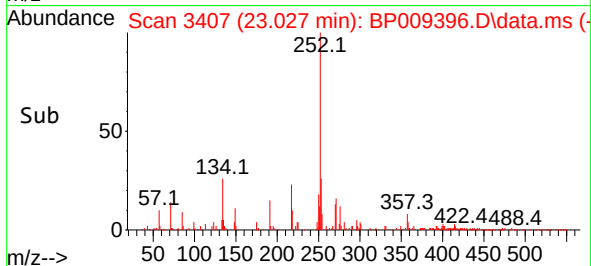
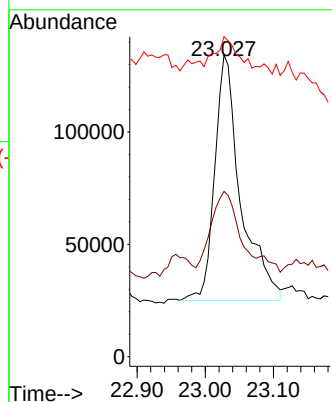
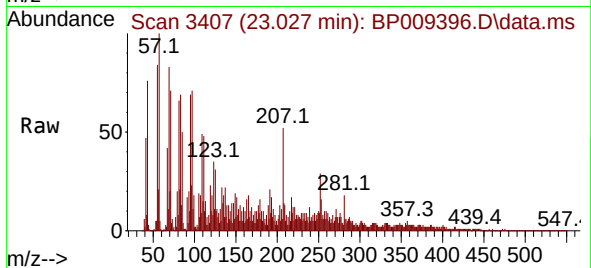
Tgt Ion:252 Resp: 290126

Ion Ratio Lower Upper

252 100

253 54.8 17.8 26.8#

125 106.1 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 2.225 ng

RT: 23.027 min Scan# 3407

Delta R.T. -0.024 min

Lab File: BP009396.D

Acq: 14 Mar 2022 23:02

Tgt Ion:252 Resp: 290126

Ion Ratio Lower Upper

252 100

253 54.8 17.5 26.3#

125 106.1 8.3 12.5#

