

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: 2

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)

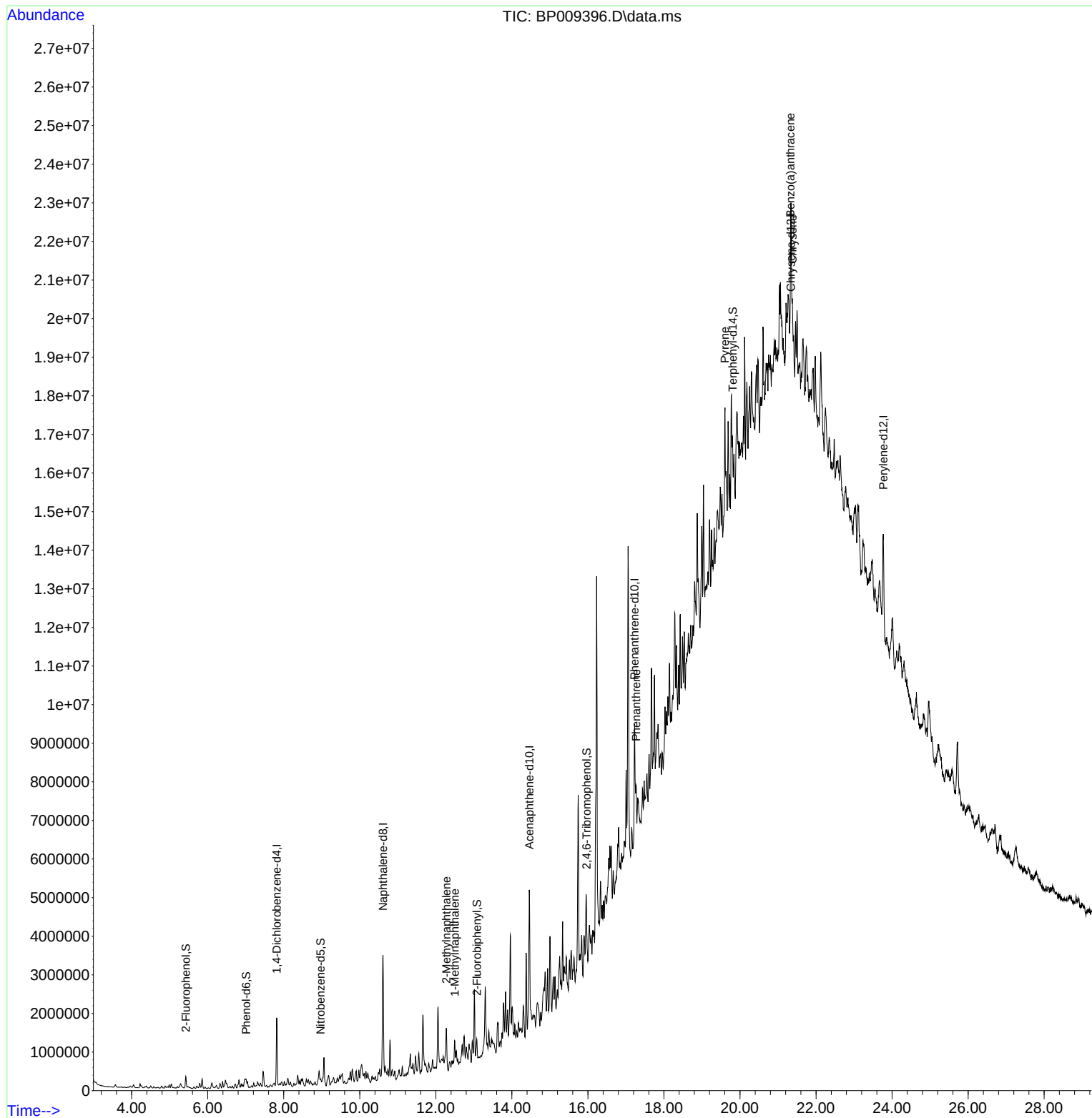
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	484168	40.000	ng	0.00
21) Naphthalene-d8	10.610	136	1895525	40.000	ng	0.00
39) Acenaphthene-d10	14.463	164	1171562	40.000	ng	0.00
64) Phenanthrene-d10	17.228	188	2275731	40.000	ng	0.00
76) Chrysene-d12	21.339	240	1887671	40.000	ng	0.01
86) Perylene-d12	23.769	264	2021864	40.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	110862	6.685	ng	0.01
7) Phenol-d6	7.011	99	140071	6.646	ng	0.02
23) Nitrobenzene-d5	8.969	82	99382	5.776	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	76480	10.812	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	240475	5.646	ng	0.00
79) Terphenyl-d14	19.804	244	341023	6.818	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.657	128	149336	2.845	ng	96
37) 2-Methylnaphthalene	12.275	142	296779	7.958	ng	98
38) 1-Methylnaphthalene	12.499	142	266899	7.771	ng	100
71) Phenanthrene	17.269	178	512741	7.841	ng	# 86
75) Fluoranthene	19.251	202	178161	2.360	ng	# 54
78) Pyrene	19.604	202	698306	10.958	ng	# 88
81) Benzo(a)anthracene	21.327	228	514681	8.045	ng	# 61
83) Chrysene	21.380	228	913690	14.710	ng	# 75
88) Benzo(b)fluoranthene	23.027	252	244759m	3.586	ng	
90) Benzo(a)pyrene	23.657	252	246413	3.806	ng	# 1
92) Benzo(g,h,i)perylene	27.062	276	190018	2.888	ng	# 72

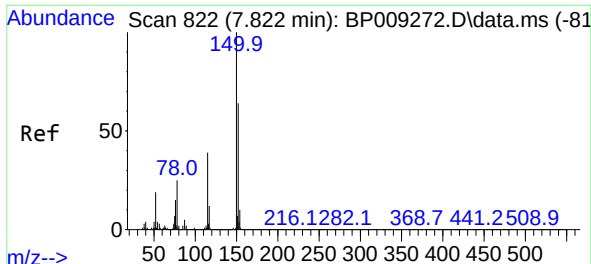
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 01:02:18 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

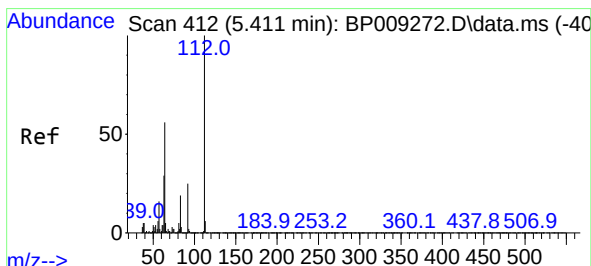
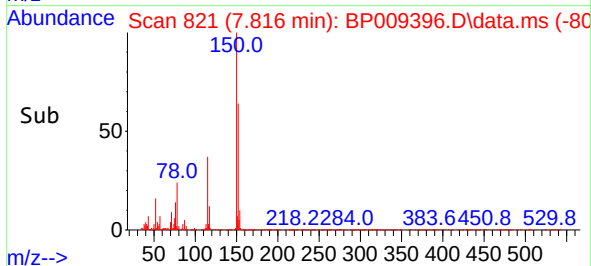
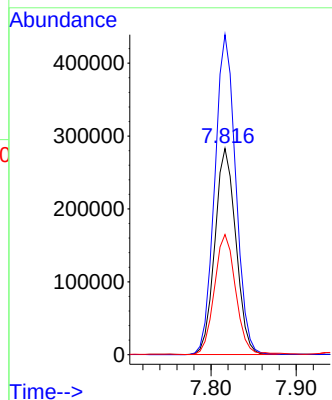
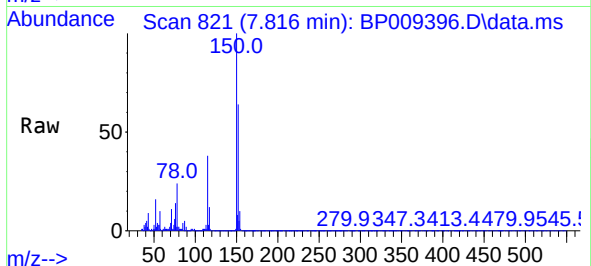




#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

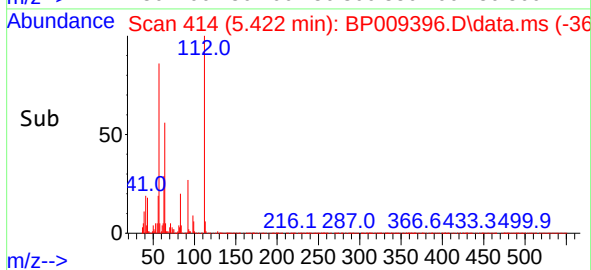
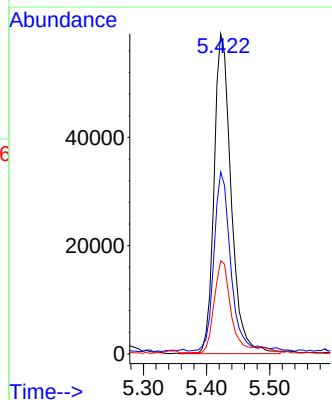
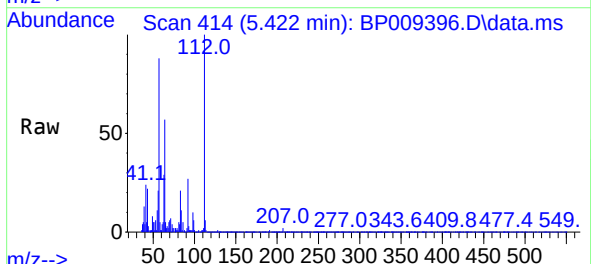
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

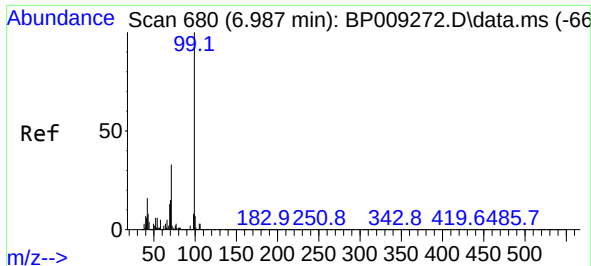
Tgt Ion:152 Resp: 484168
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 58.3 48.2 72.4



#5
2-Fluorophenol
Concen: 6.685 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



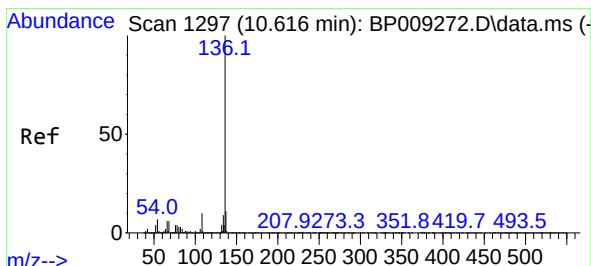
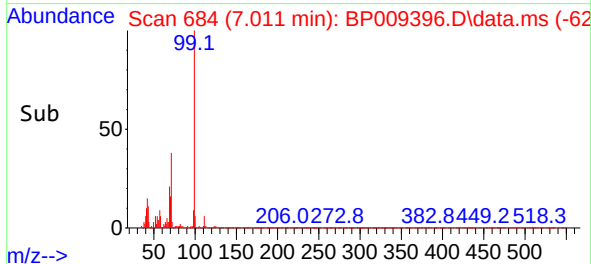
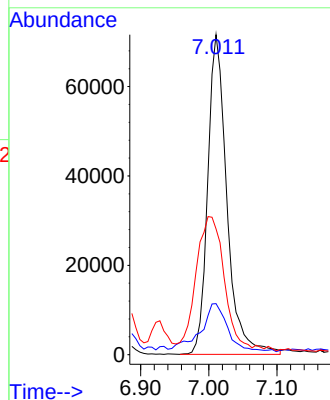
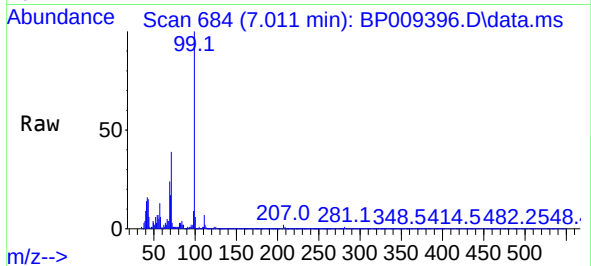


#7
Phenol-d6
Concen: 6.646 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Instrument :
BNA_P
ClientSampleId :
WC-14A-2

Tgt Ion: 99 Resp: 140071

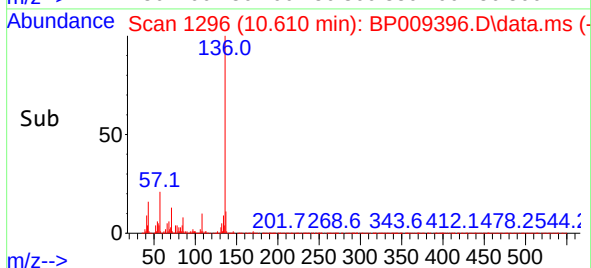
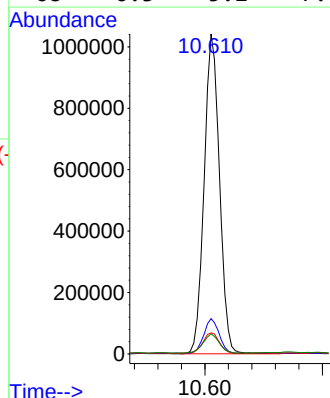
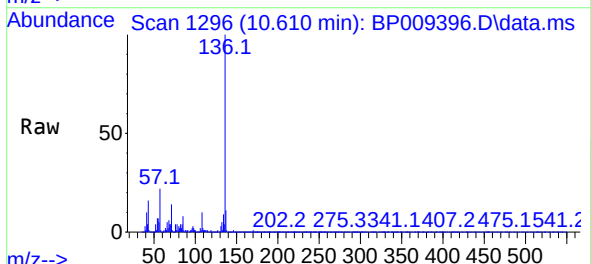
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.8	19.2
71	39.3	26.3	39.5

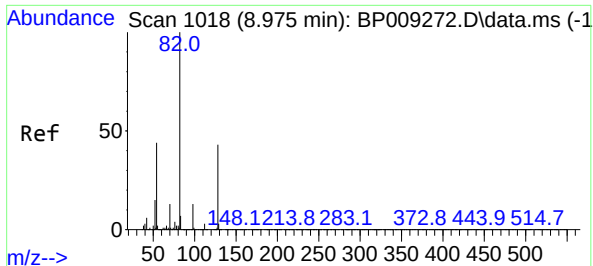


#21
Naphthalene-d8
Concen: 40.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

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: 5.776 ng

RT: 8.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009396.D

Acq: 14 Mar 2022 23:02

Instrument :

BNA_P

ClientSampleId :

WC-14A-2

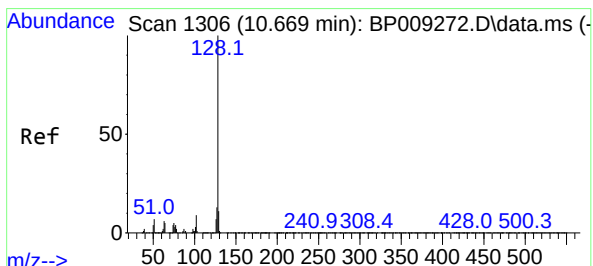
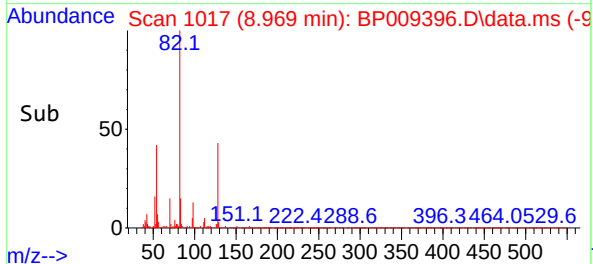
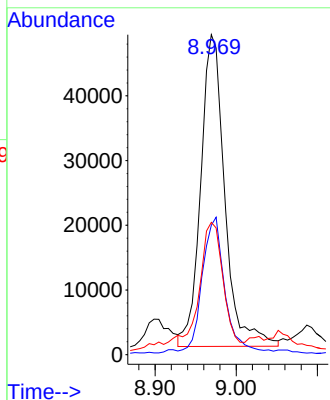
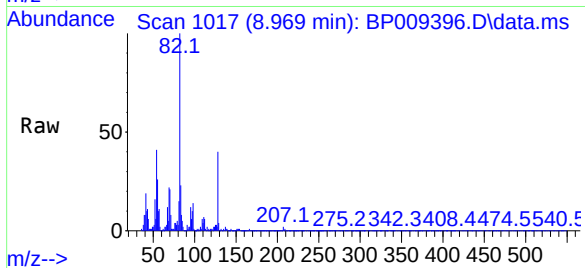
Tgt Ion: 82 Resp: 99382

Ion Ratio Lower Upper

82 100

128 40.5 34.2 51.4

54 41.3 34.7 52.1



#31

Naphthalene

Concen: 2.845 ng

RT: 10.657 min Scan# 1304

Delta R.T. -0.012 min

Lab File: BP009396.D

Acq: 14 Mar 2022 23:02

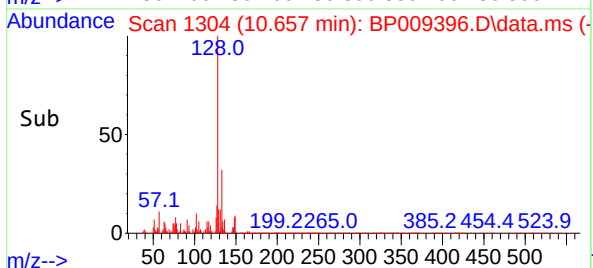
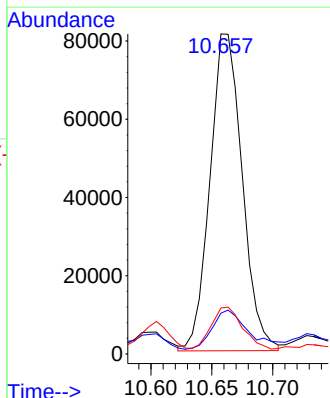
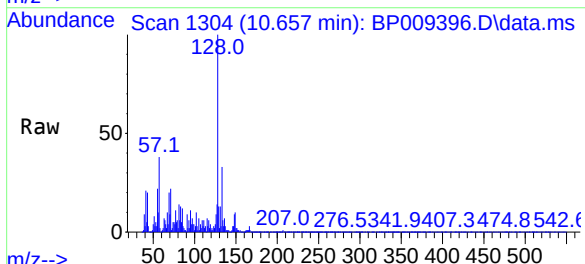
Tgt Ion: 128 Resp: 149336

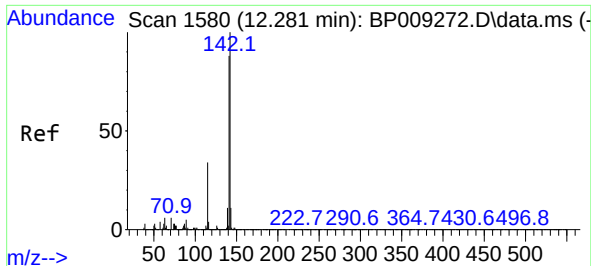
Ion Ratio Lower Upper

128 100

129 12.7 8.6 13.0

127 14.4 10.5 15.7

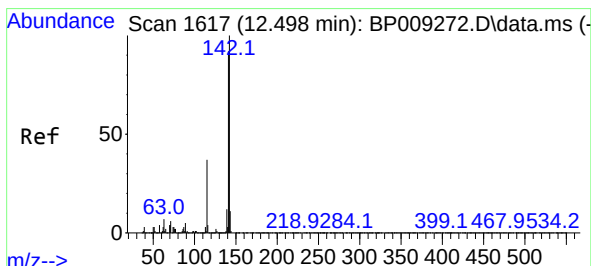
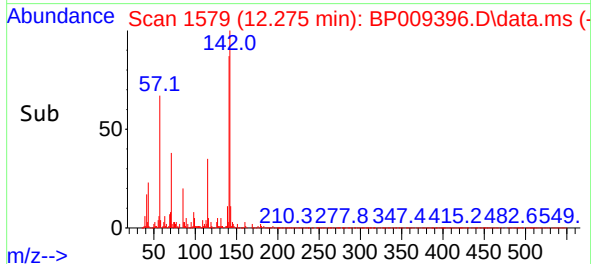
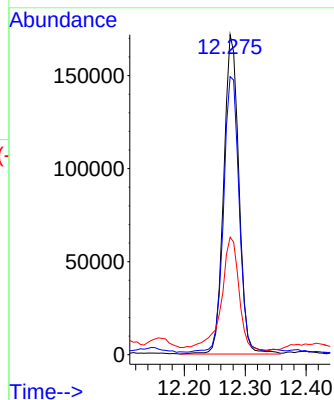
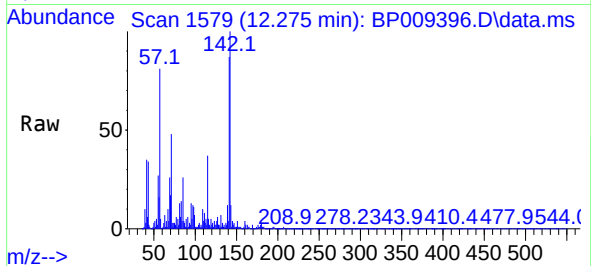




#37
2-Methylnaphthalene
Concen: 7.958 ng
RT: 12.275 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

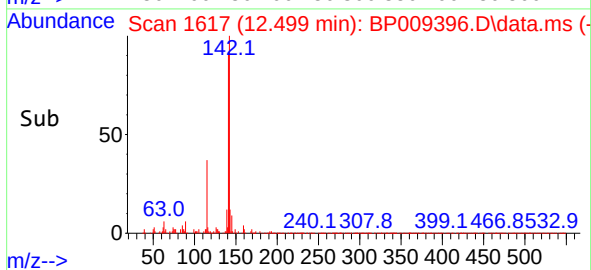
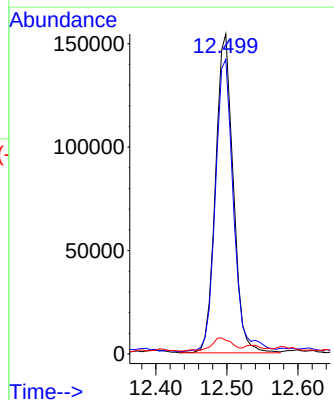
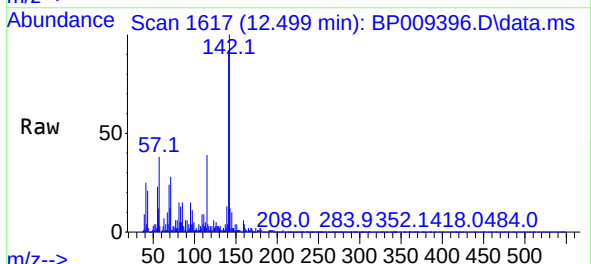
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

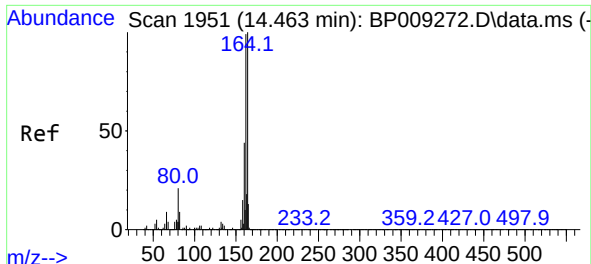
Tgt Ion:142 Resp: 296779
Ion Ratio Lower Upper
142 100
141 86.9 70.2 105.4
115 36.7 27.4 41.2



#38
1-Methylnaphthalene
Concen: 7.771 ng
RT: 12.499 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

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

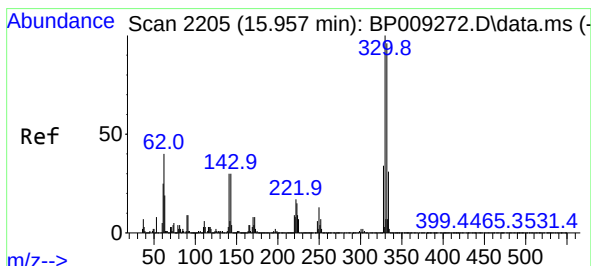
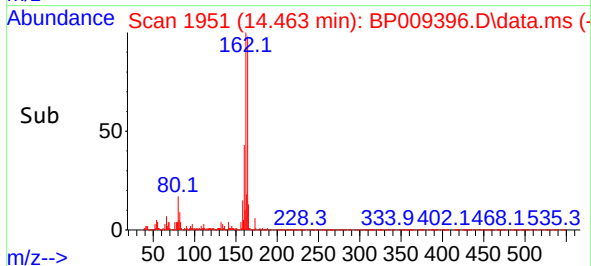
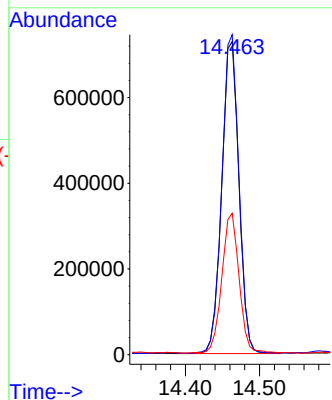
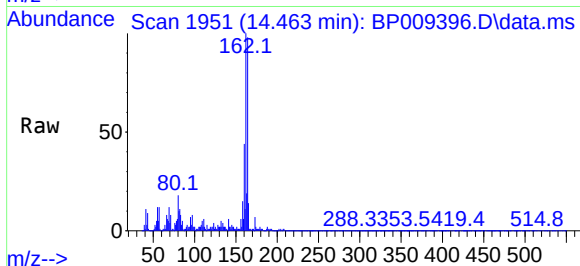




#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

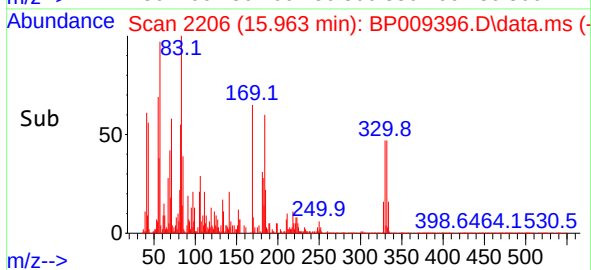
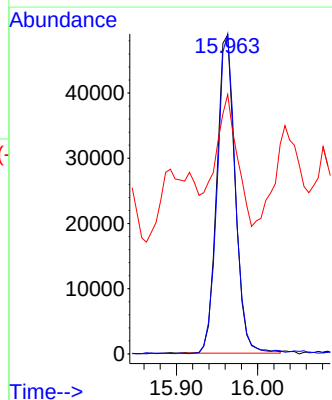
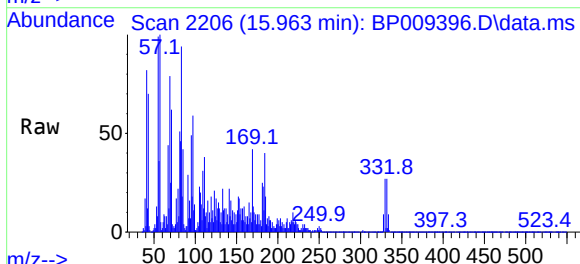
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ClientSampleId :
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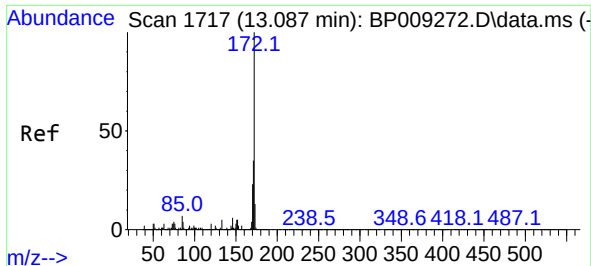
Tgt Ion:164 Resp: 1171562
Ion Ratio Lower Upper
164 100
162 102.2 79.1 118.7
160 45.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 10.812 ng
RT: 15.963 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

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#

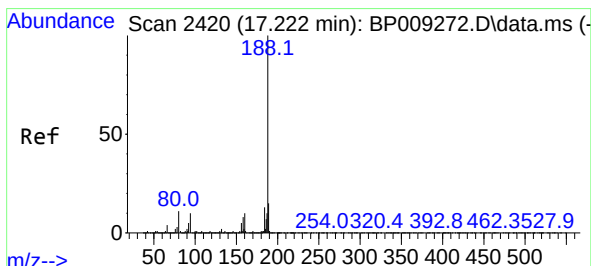
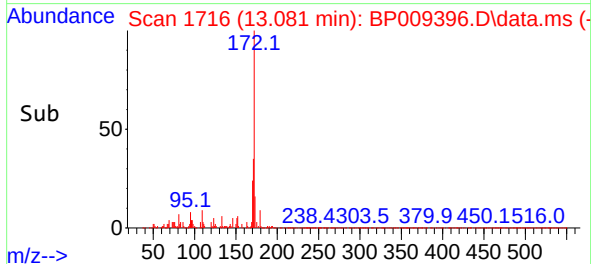
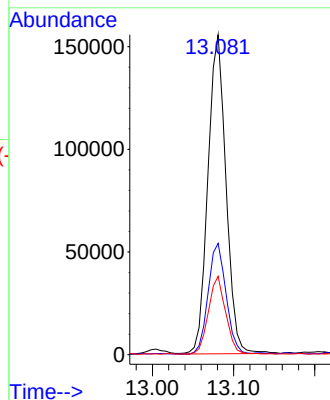
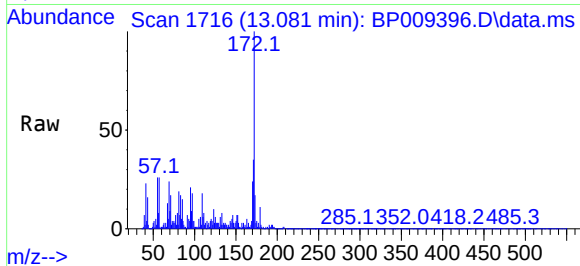




#45
2-Fluorobiphenyl
Concen: 5.646 ng
RT: 13.081 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

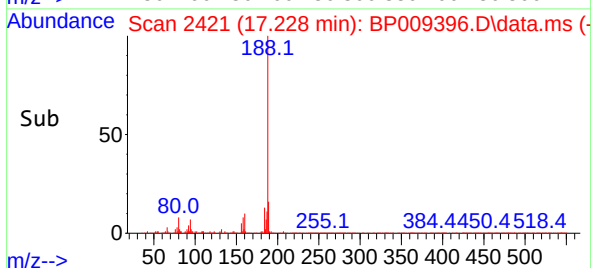
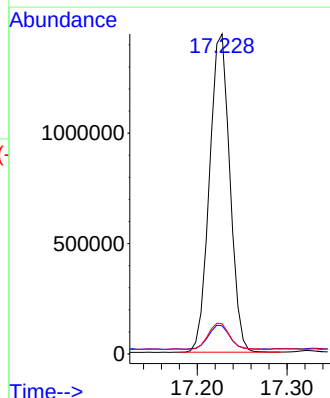
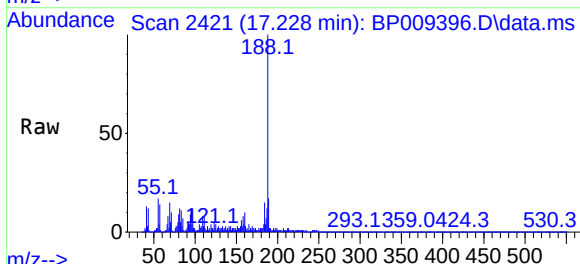
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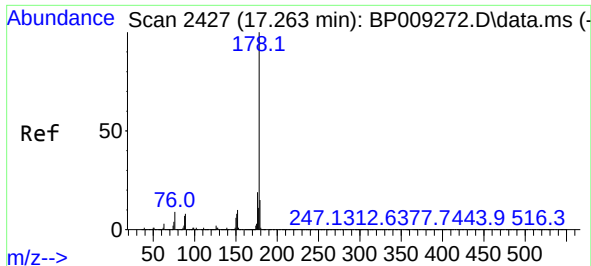
Tgt Ion:	172	Resp:	240475
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	24.5	18.6	27.8



#64
Phenanthrene-d10
Concen: 40.000 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

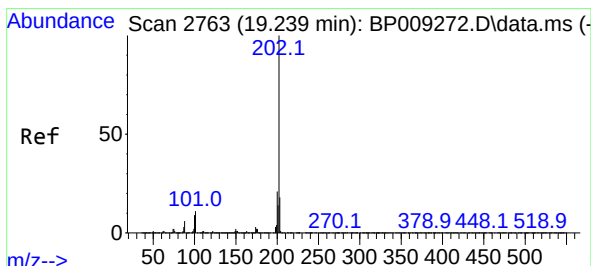
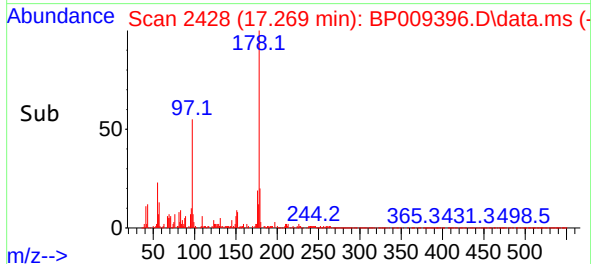
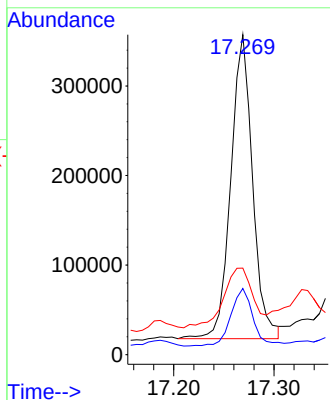
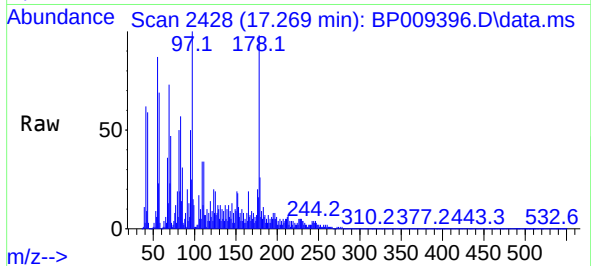




#71
Phenanthrene
Concen: 7.841 ng
RT: 17.269 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

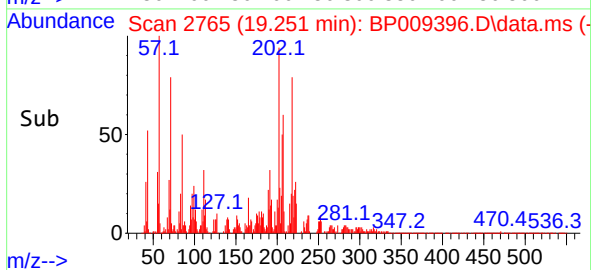
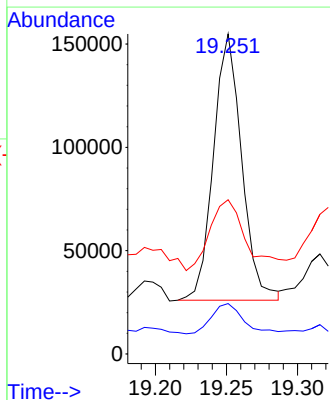
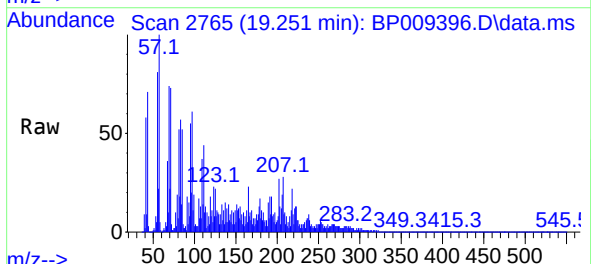
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

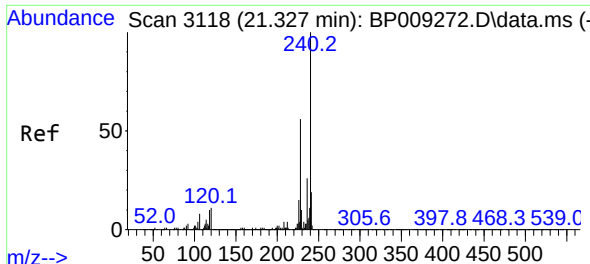
Tgt Ion:178 Resp: 512741
Ion Ratio Lower Upper
178 100
176 20.7 15.4 23.2
179 27.0 12.3 18.5#



#75
Fluoranthene
Concen: 2.360 ng
RT: 19.251 min Scan# 2765
Delta R.T. 0.012 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Tgt Ion:202 Resp: 178161
Ion Ratio Lower Upper
202 100
101 15.7 0.0 31.5
203 48.2 0.0 37.8#

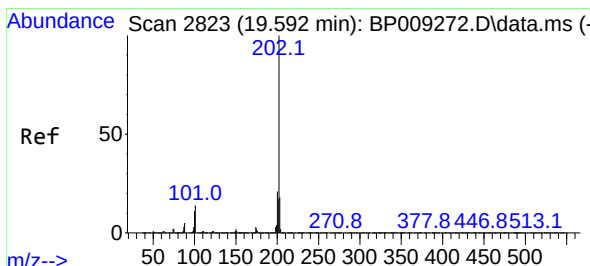
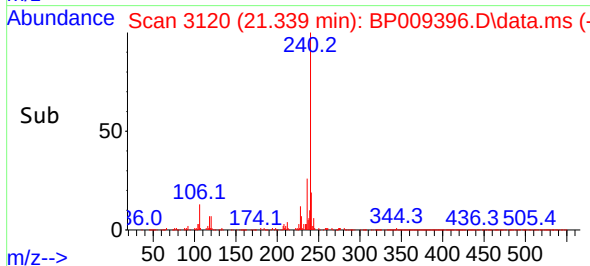
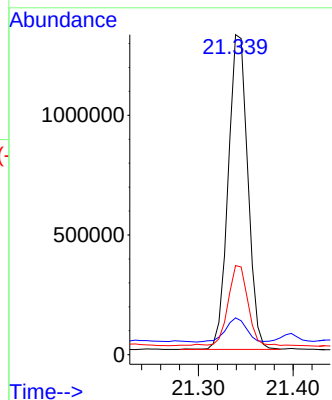
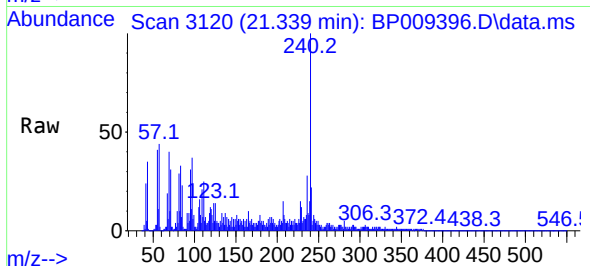




#76
Chrysene-d12
Concen: 40.000 ng
RT: 21.339 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

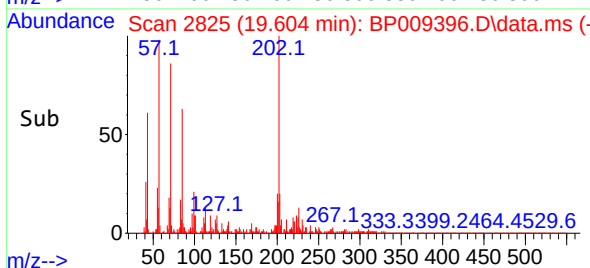
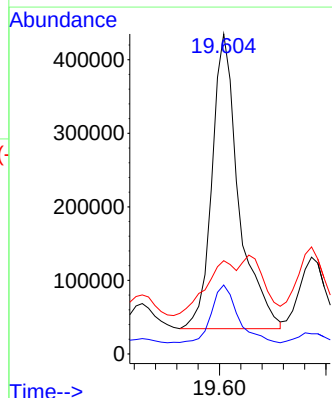
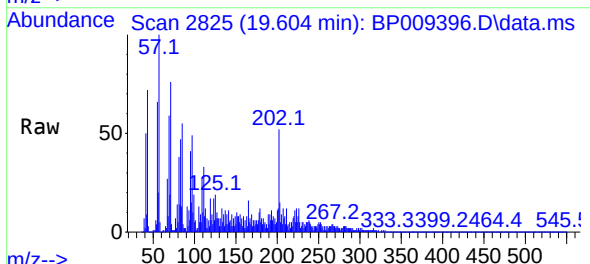
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

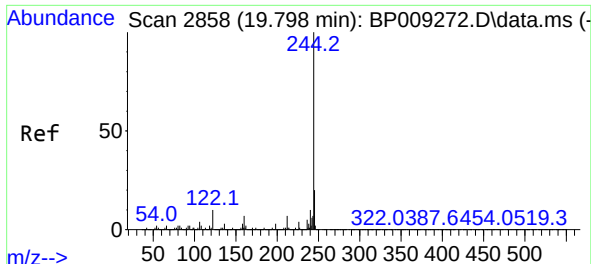
Tgt Ion:240 Resp: 1887671
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 27.9 20.6 30.8



#78
Pyrene
Concen: 10.958 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#

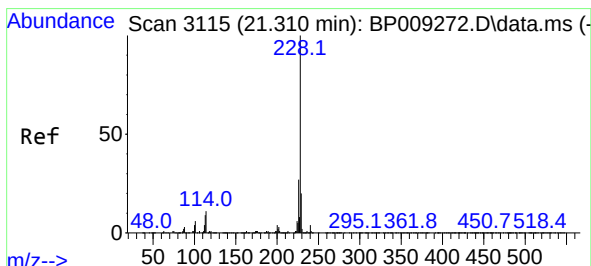
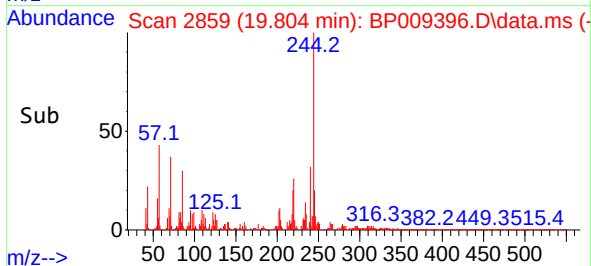
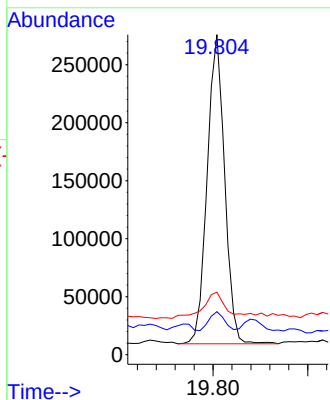
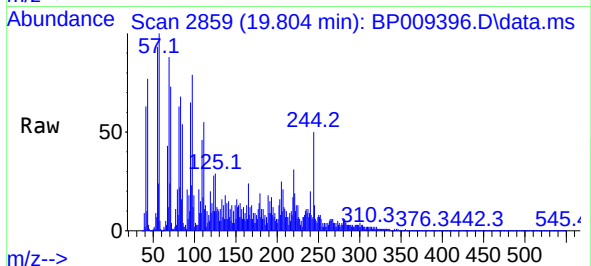




#79
Terphenyl-d14
Concen: 6.818 ng
RT: 19.804 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

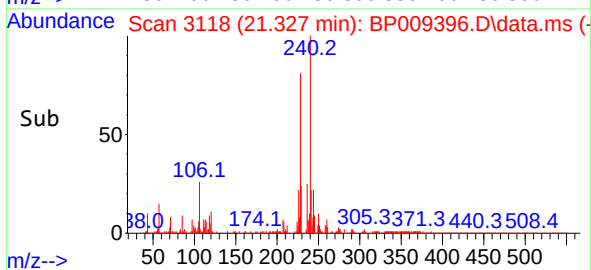
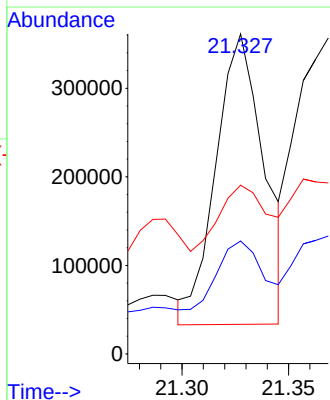
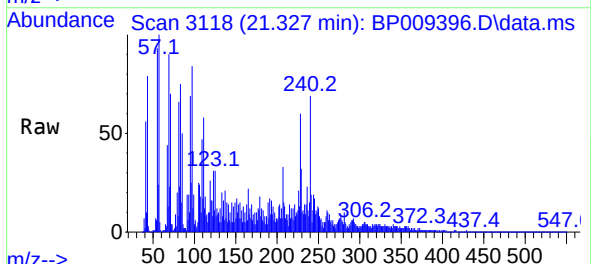
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

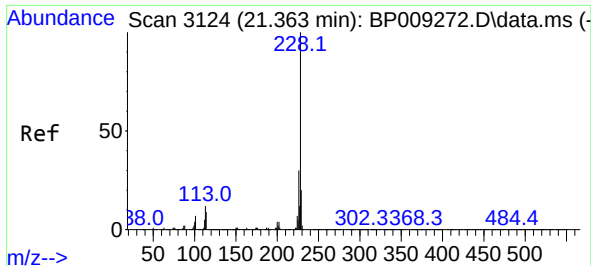
Tgt Ion:244 Resp: 341023
Ion Ratio Lower Upper
244 100
212 13.5 5.8 8.6#
122 19.6 8.3 12.5#



#81
Benzo(a)anthracene
Concen: 8.045 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#

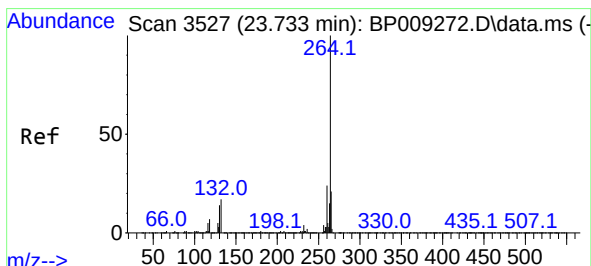
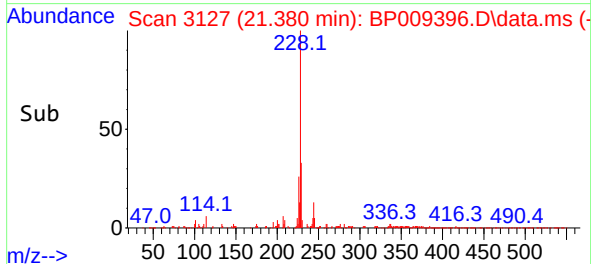
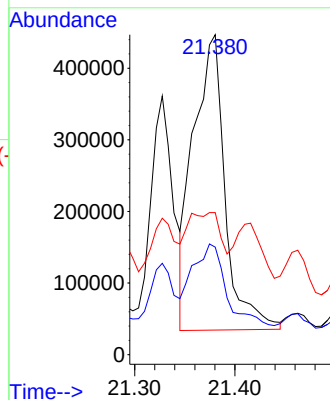
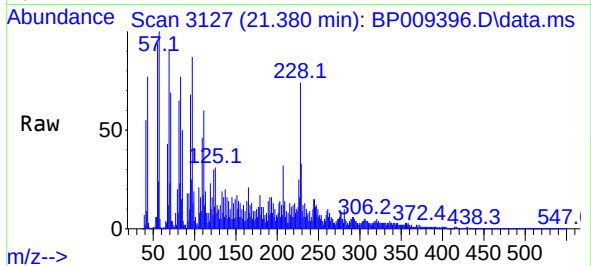




#83
Chrysene
Concen: 14.710 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.018 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

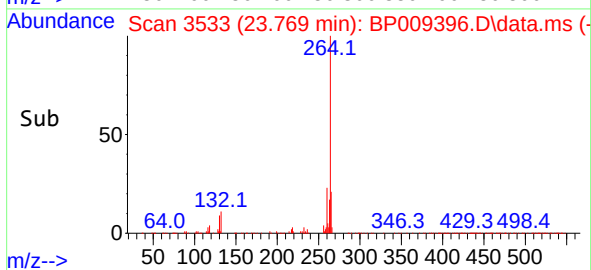
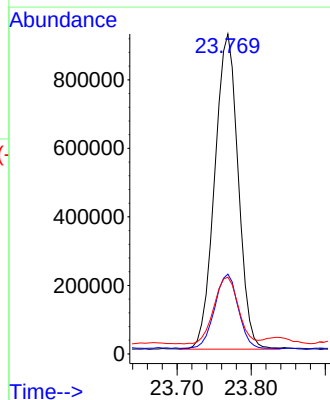
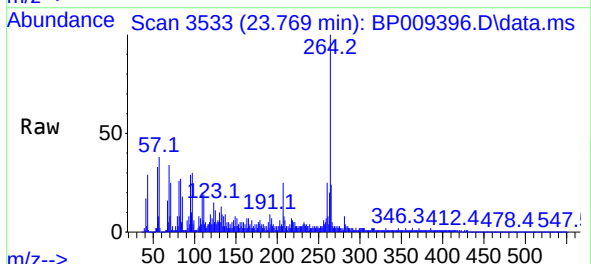
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

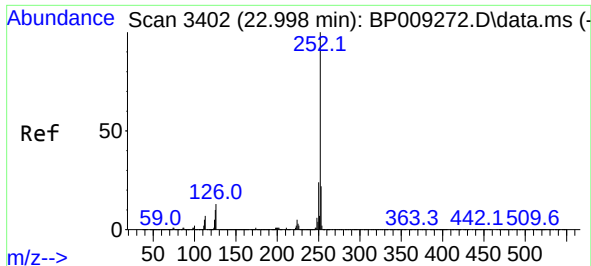
Tgt Ion:228 Resp: 913690
Ion Ratio Lower Upper
228 100
226 33.6 24.2 36.2
229 44.4 16.1 24.1#



#86
Perylene-d12
Concen: 40.000 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

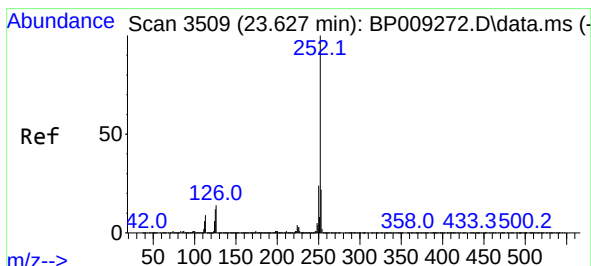
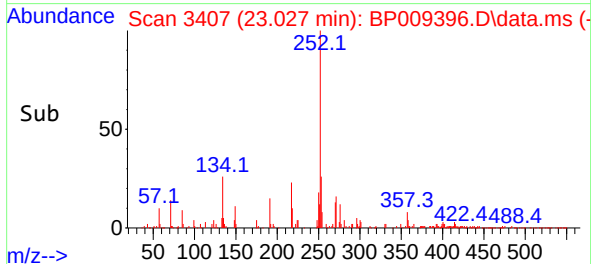
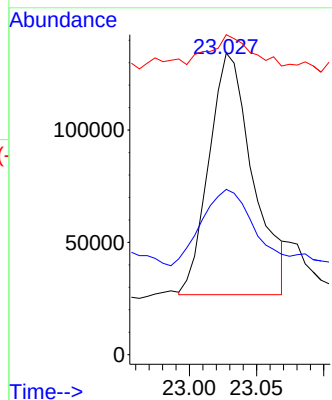
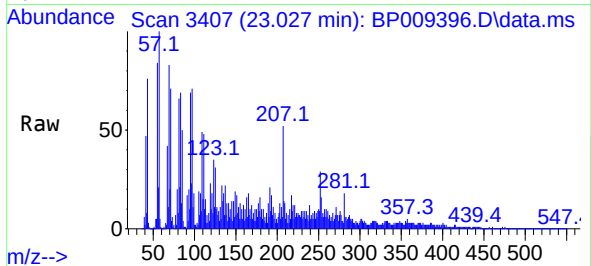




#88
Benzo(b)fluoranthene
Concen: 3.586 ng m
RT: 23.027 min Scan# 34
Delta R.T. 0.029 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

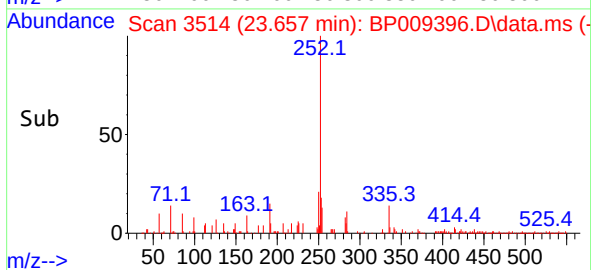
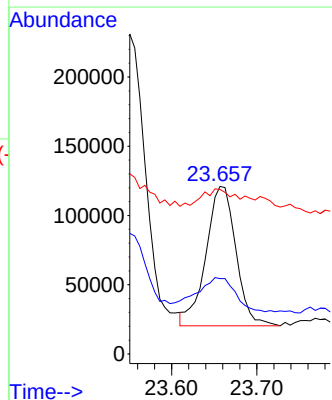
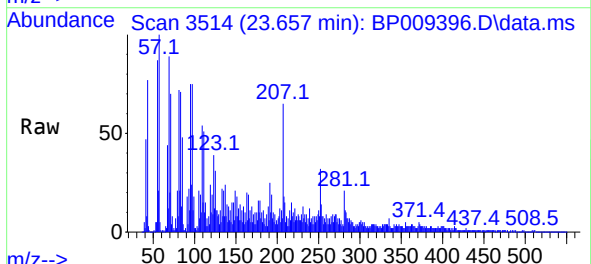
Instrument :
BNA_P
ClientSampleId :
WC-14A-2

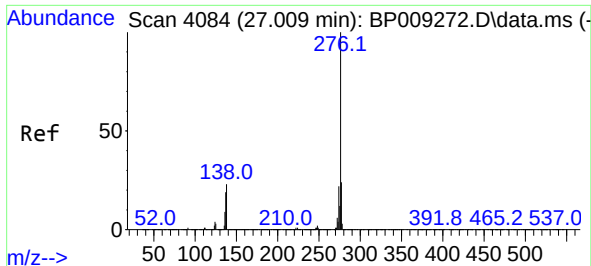
Tgt Ion:252 Resp: 244759
Ion Ratio Lower Upper
252 100
253 54.8 17.8 26.8#
125 106.1 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 3.806 ng
RT: 23.657 min Scan# 3514
Delta R.T. 0.029 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

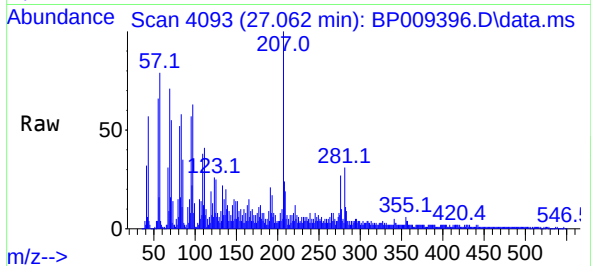
Tgt Ion:252 Resp: 246413
Ion Ratio Lower Upper
252 100
253 44.9 17.8 26.6#
125 98.2 9.3 13.9#





#92
Benzo(g,h,i)perylene
Concen: 2.888 ng
RT: 27.062 min Scan# 4093
Delta R.T. 0.053 min
Lab File: BP009396.D
Acq: 14 Mar 2022 23:02

Instrument :
BNA_P
ClientSampleId :
WC-14A-2



Tgt Ion:276 Resp: 190018
Ion Ratio Lower Upper
276 100
277 38.3 19.2 28.8#
138 35.9 18.0 27.0#

