

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009395.D
 Acq On : 14 Mar 2022 22:28
 Operator : CG/JU
 Sample : N1905-15 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-1

Quant Time: Mar 15 01:02:07 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)

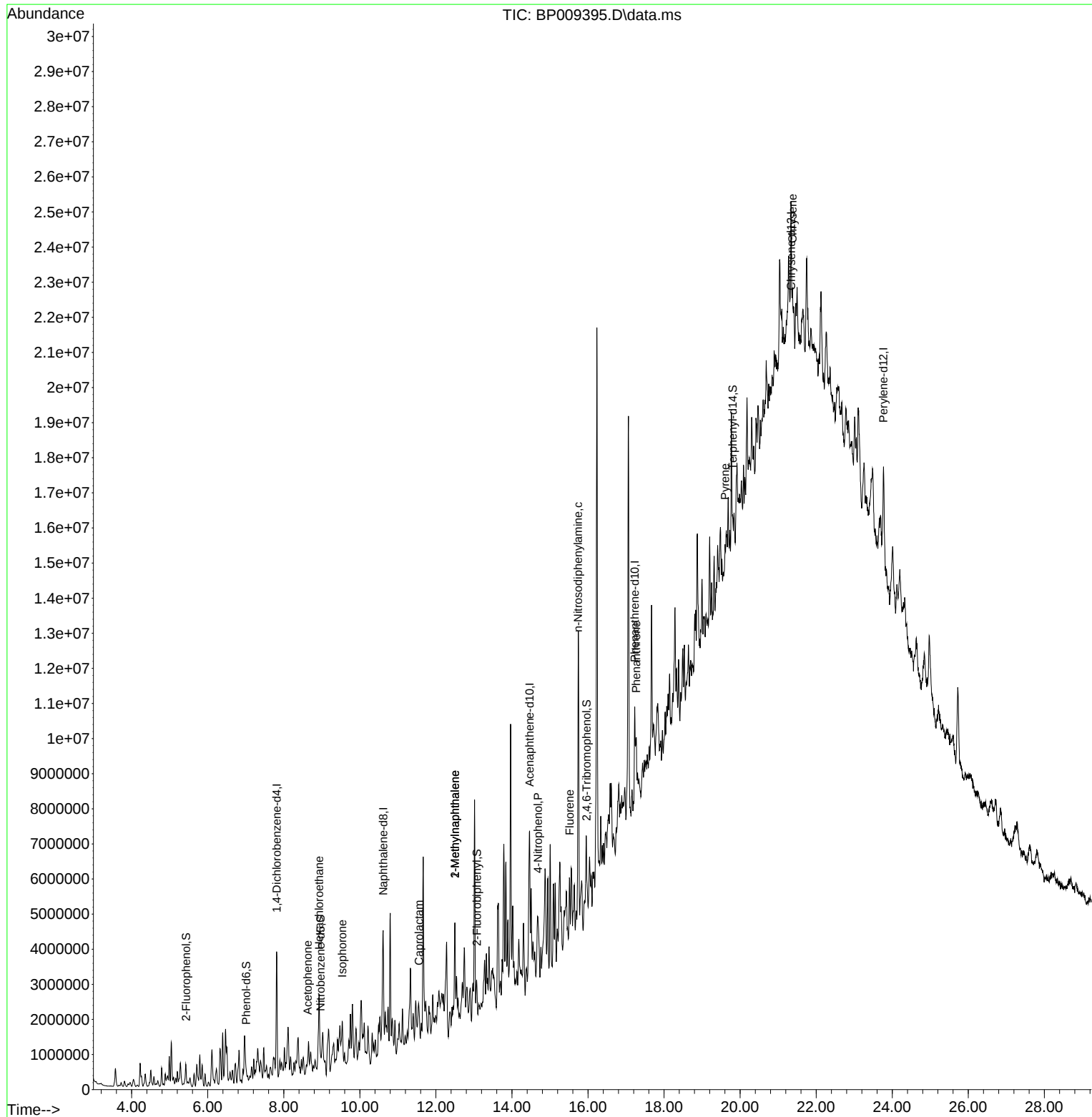
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	492734	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	1880529	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	1142537	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	2011727	20.000	ng	0.00
76) Chrysene-d12	21.339	240	1759326	20.000	ng	0.01
86) Perylene-d12	23.768	264	1967344	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	110443	3.272	ng	0.02
7) Phenol-d6	7.011	99	149566	3.487	ng	0.02
23) Nitrobenzene-d5	8.969	82	156202	4.575	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	74766	5.419	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	270489	3.256	ng	0.00
79) Terphenyl-d14	19.804	244	329255	3.532	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.928	117	155420	10.804	ng	# 1
22) Acetophenone	8.628	105	109700	2.182	ng	# 58
25) Isophorone	9.540	82	137833	2.158	ng	# 1
35) Caprolactam	11.557	113	17927	2.048	ng	# 1
37) 2-Methylnaphthalene	12.498	142	1191180	16.099	ng	93
38) 1-Methylnaphthalene	12.498	142	1193297	17.511	ng	98
56) 4-Nitrophenol	14.681	139	89100	6.061	ng	# 32
58) Fluorene	15.516	166	220009	2.651	ng	# 81
66) n-Nitrosodiphenylamine	15.739	169	492972	7.806	ng	# 45
71) Phenanthrene	17.269	178	623579	5.394	ng	# 85
78) Pyrene	19.604	202	258418	2.176	ng	# 64
83) Chrysene	21.374	228	374343	3.233	ng	# 55

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

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Quant Time: Mar 15 01:02:07 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

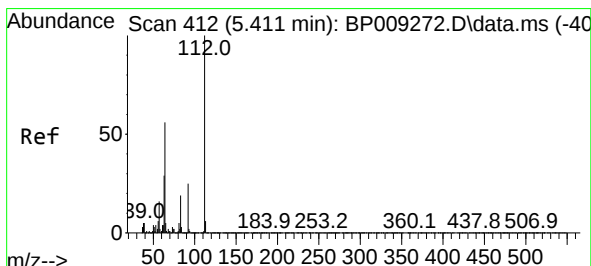
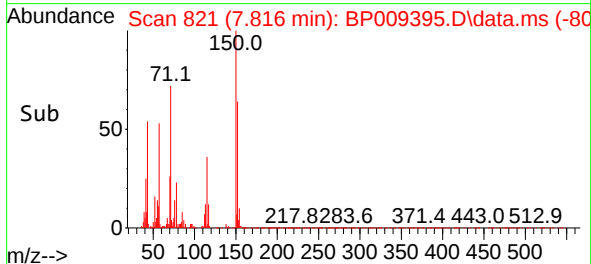
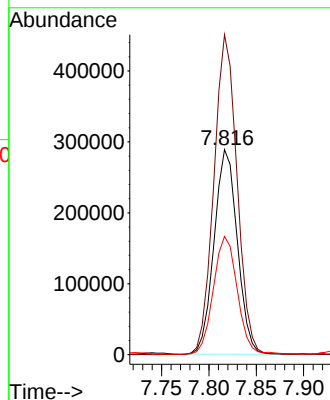
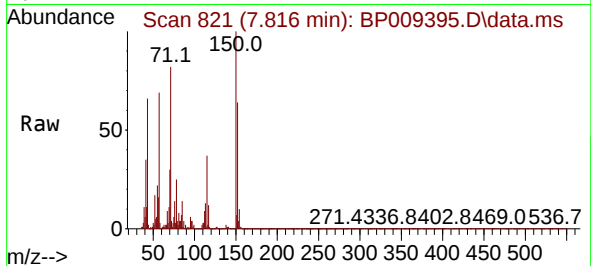




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

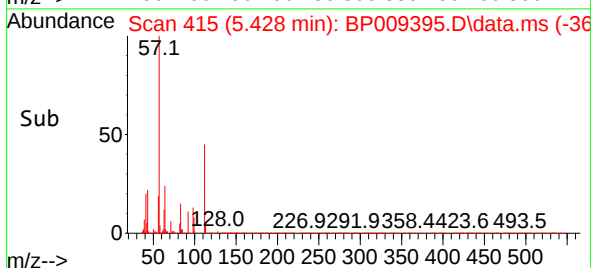
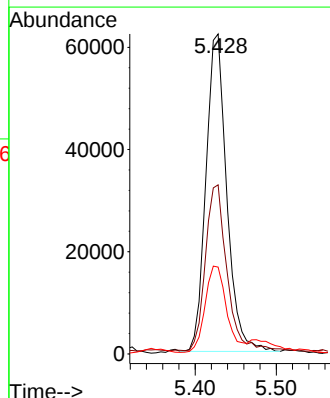
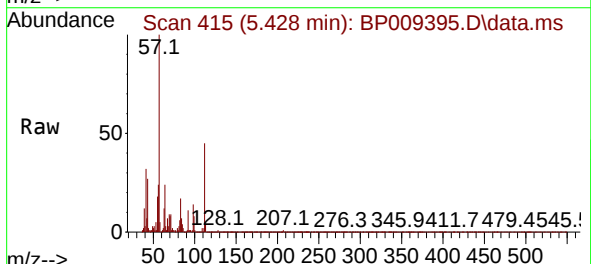
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1

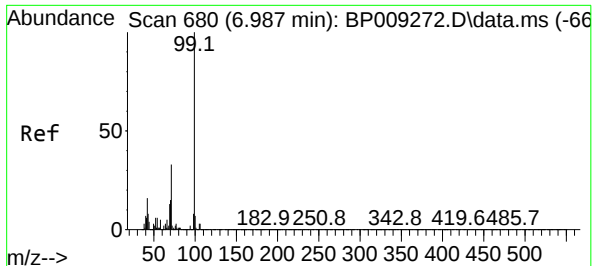
Tgt Ion:152 Resp: 492734
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 57.6 48.2 72.4



#5
2-Fluorophenol
Concen: 3.272 ng
RT: 5.428 min Scan# 415
Delta R.T. 0.017 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion:112 Resp: 110443
Ion Ratio Lower Upper
112 100
64 52.8 45.0 67.4
63 27.1 23.0 34.6

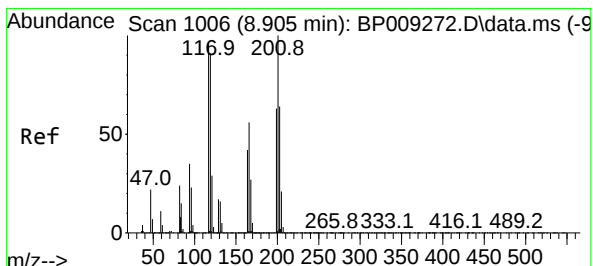
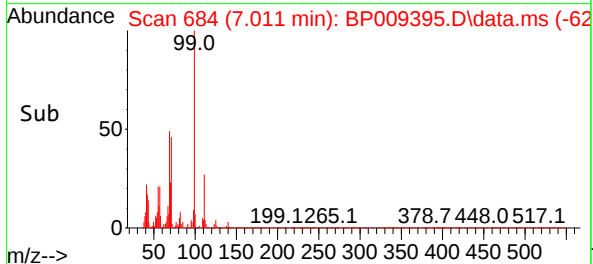
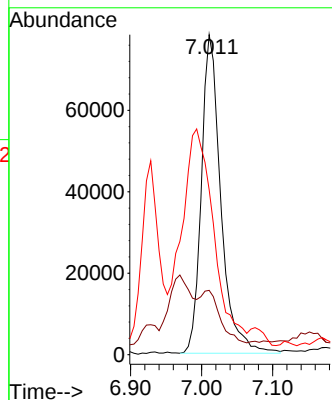
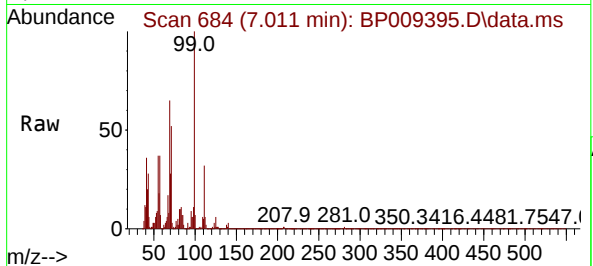




#7
Phenol-d6
Concen: 3.487 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

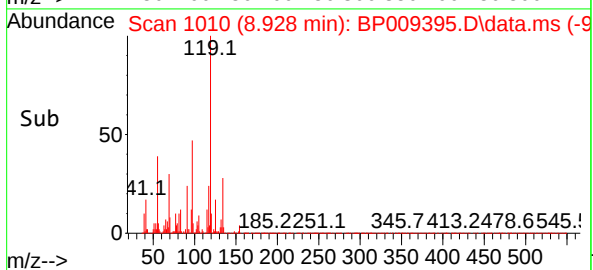
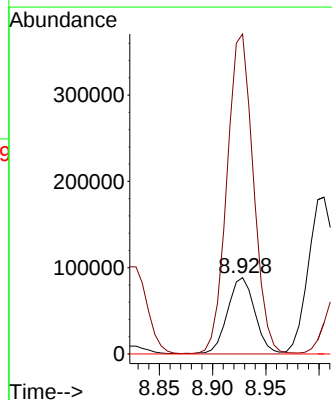
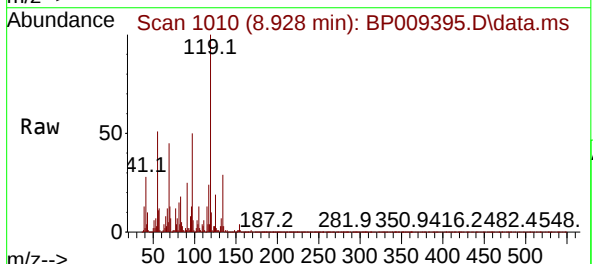
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1

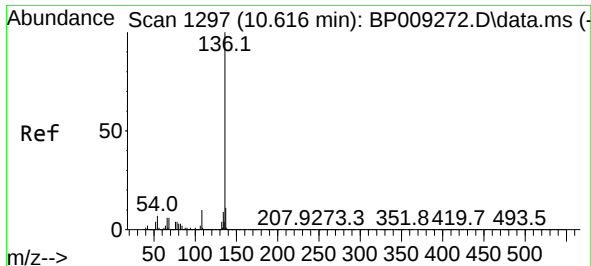
Tgt Ion: 99 Resp: 149566
Ion Ratio Lower Upper
99 100
42 20.1 12.8 19.2#
71 51.6 26.3 39.5#



#18
Hexachloroethane
Concen: 10.804 ng
RT: 8.928 min Scan# 1010
Delta R.T. 0.024 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion: 117 Resp: 155420
Ion Ratio Lower Upper
117 100
119 418.9 76.4 114.6#
201 0.0 83.4 125.2#

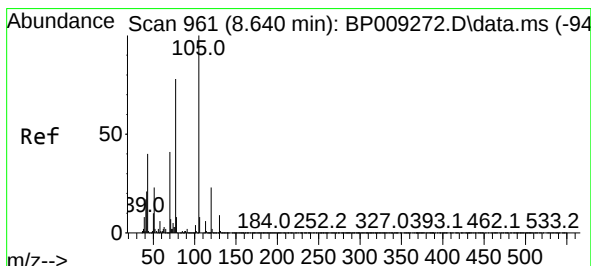
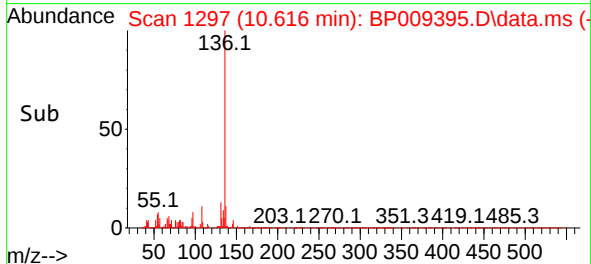
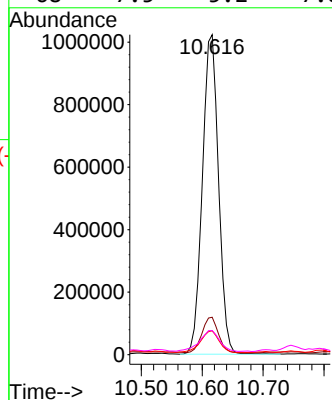
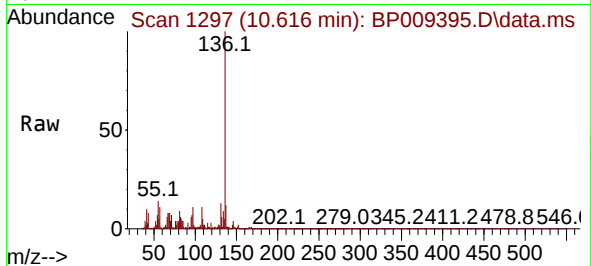




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

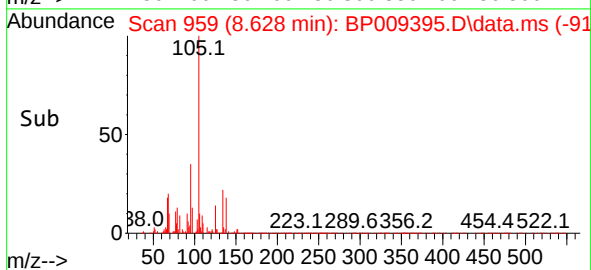
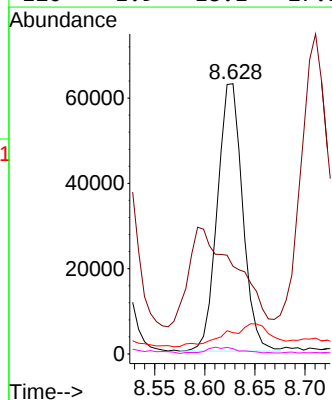
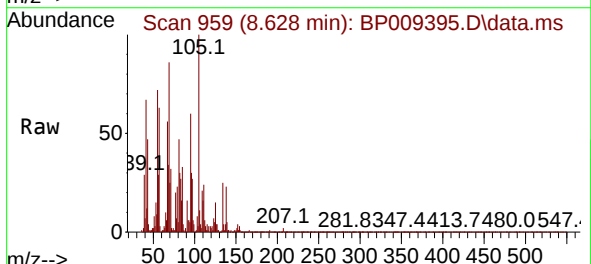
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1

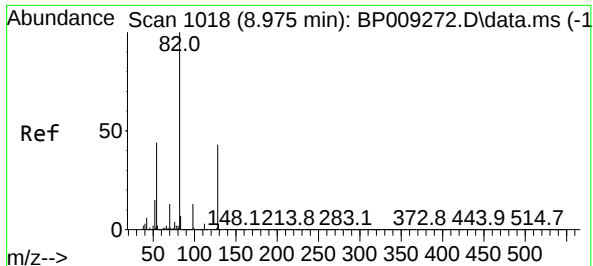
Tgt Ion:136 Resp: 1880529
Ion Ratio Lower Upper
136 100
137 11.7 8.6 12.8
54 7.5 5.8 8.8
68 7.5 5.2 7.8



#22
Acetophenone
Concen: 2.182 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.012 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion:105 Resp: 109700
Ion Ratio Lower Upper
105 100
71 32.4 5.5 8.3#
51 7.9 18.9 28.3#
120 1.9 18.1 27.1#

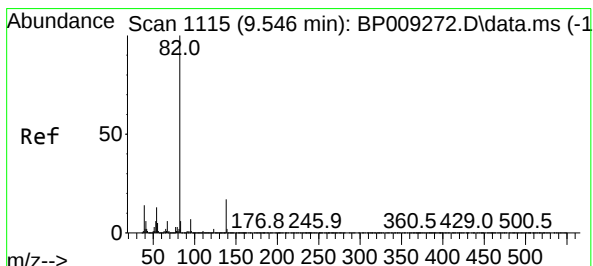
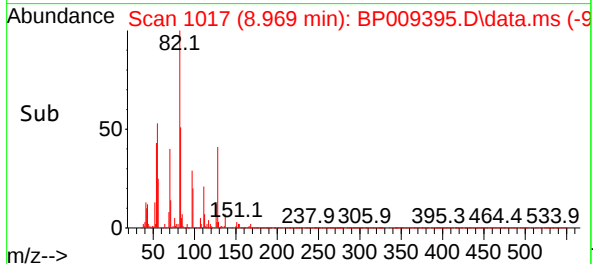
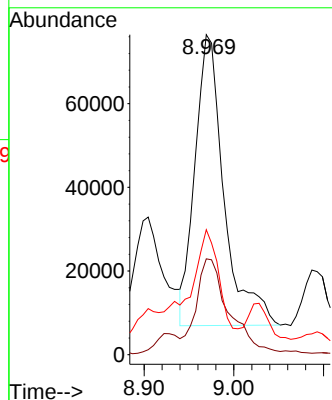
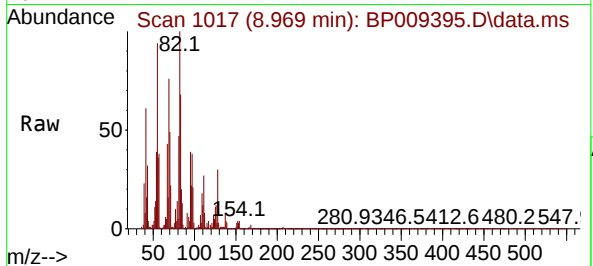




#23
Nitrobenzene-d5
Concen: 4.575 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

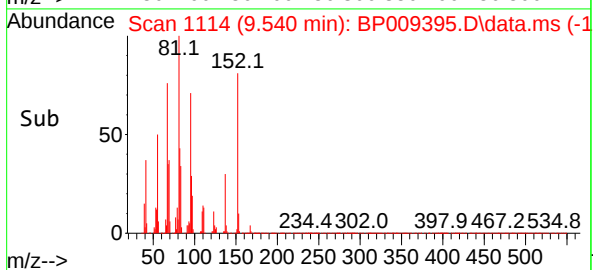
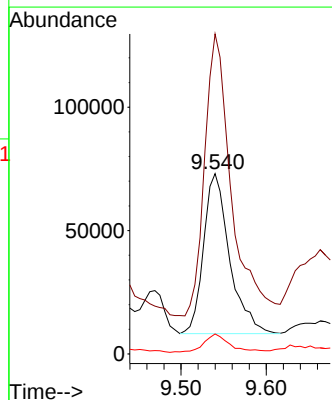
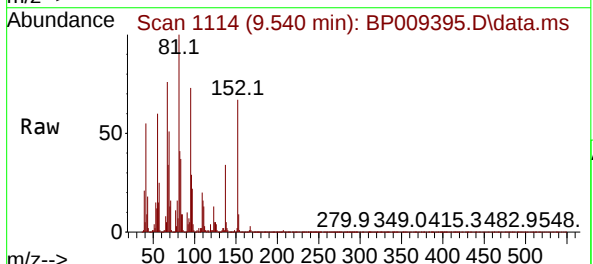
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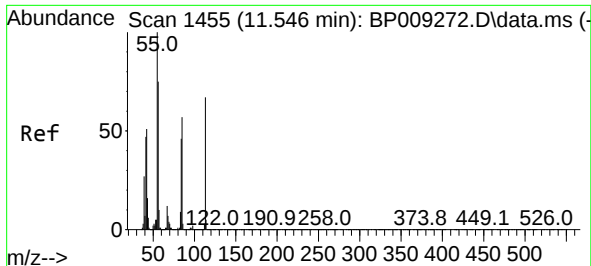
Tgt Ion: 82 Resp: 156202
Ion Ratio Lower Upper
82 100
128 29.9 34.2 51.4#
54 39.1 34.7 52.1



#25
Isophorone
Concen: 2.158 ng
RT: 9.540 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion: 82 Resp: 137833
Ion Ratio Lower Upper
82 100
95 177.5 5.5 8.3#
138 11.1 13.8 20.8#

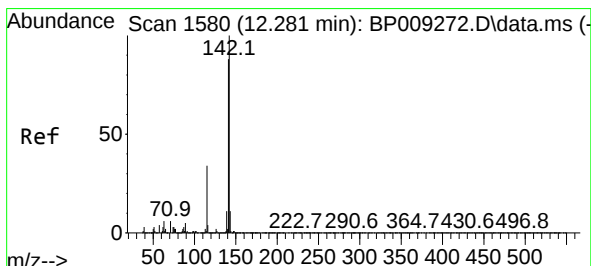
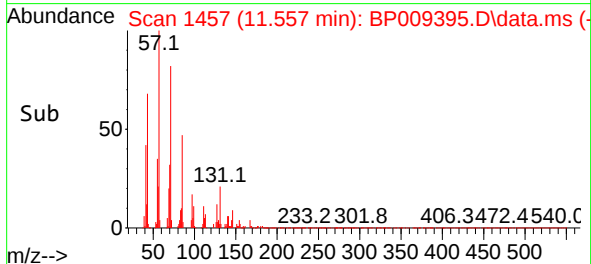
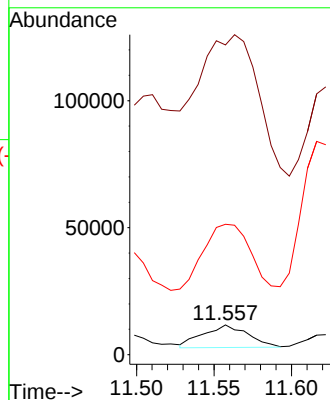
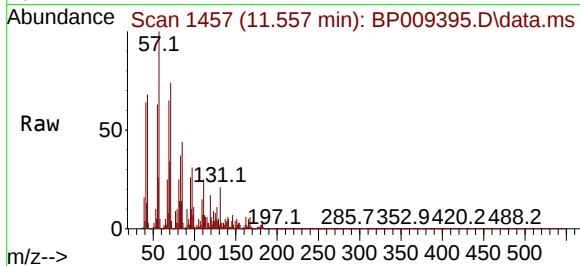




#35
Caprolactam
Concen: 2.048 ng
RT: 11.557 min Scan# 1455
Delta R.T. 0.012 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

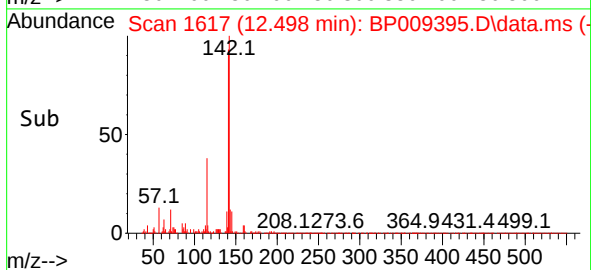
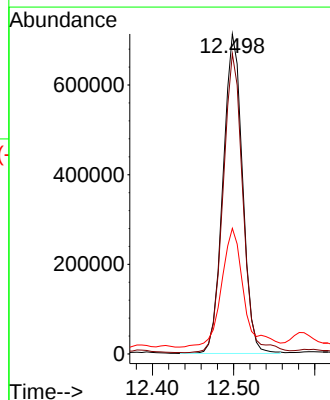
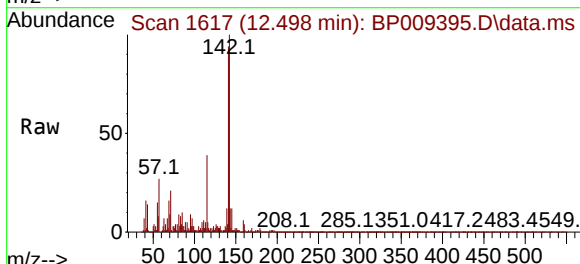
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ClientSampleId :
WC-14A-1A-1

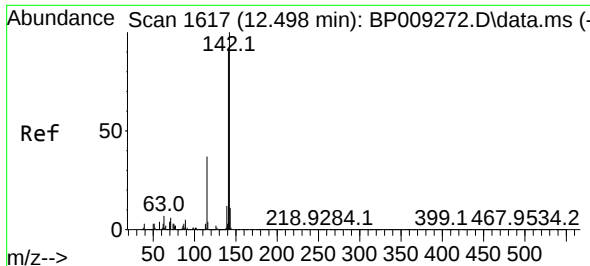
Tgt Ion:113 Resp: 17927
Ion Ratio Lower Upper
113 100
55 1041.6 128.4 168.4#
56 438.3 90.9 130.9#



#37
2-Methylnaphthalene
Concen: 16.099 ng
RT: 12.498 min Scan# 1617
Delta R.T. 0.218 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion:142 Resp: 1191180
Ion Ratio Lower Upper
142 100
141 93.8 70.2 105.4
115 39.2 27.4 41.2

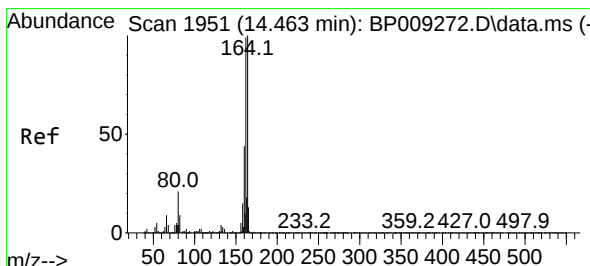
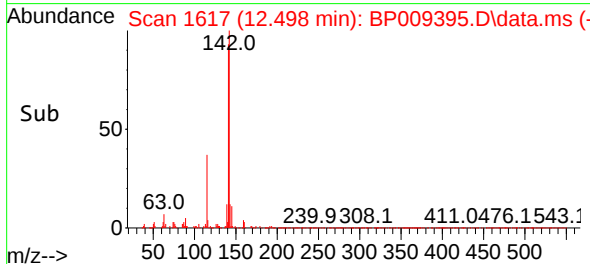
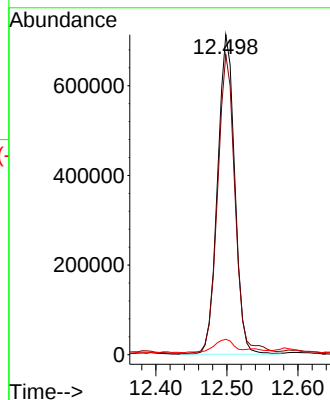
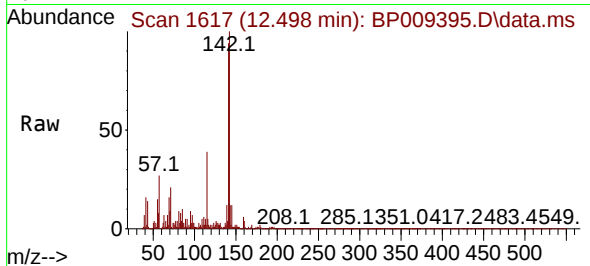




#38
1-Methylnaphthalene
Concen: 17.511 ng
RT: 12.498 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

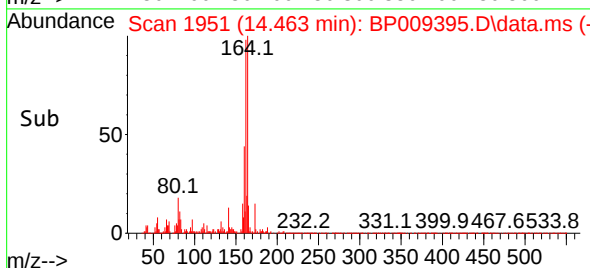
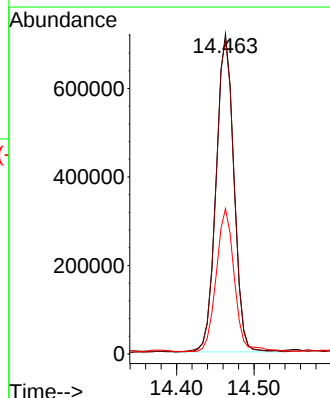
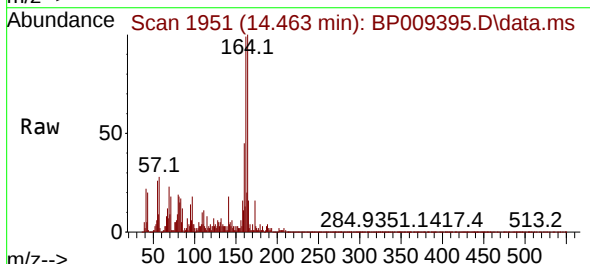
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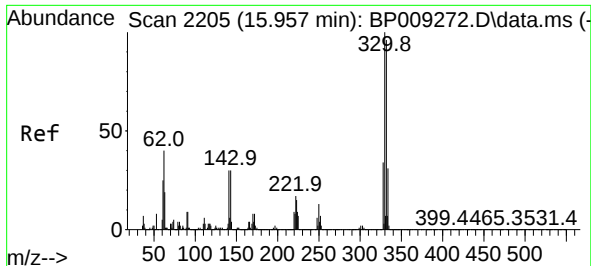
Tgt Ion:142 Resp: 1193297
Ion Ratio Lower Upper
142 100
141 93.8 73.5 110.3
116 4.8 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion:164 Resp: 1142537
Ion Ratio Lower Upper
164 100
162 98.6 79.1 118.7
160 45.4 34.9 52.3

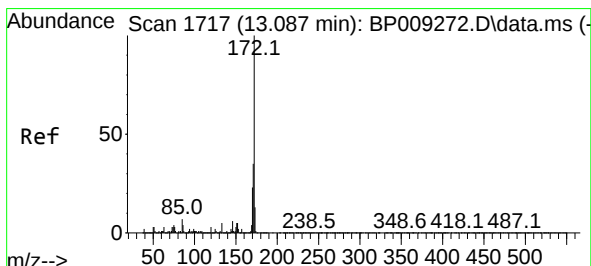
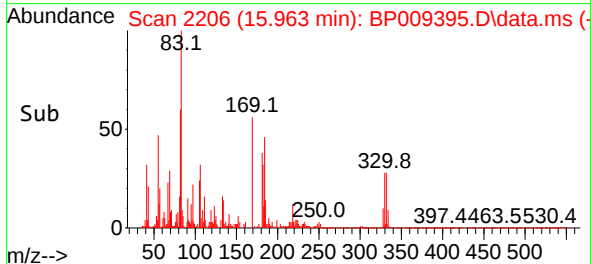
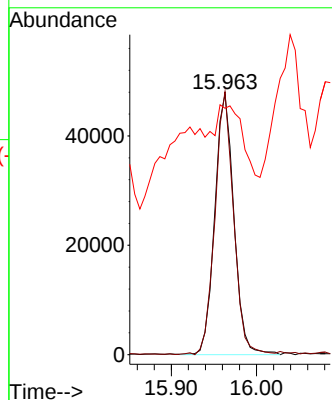
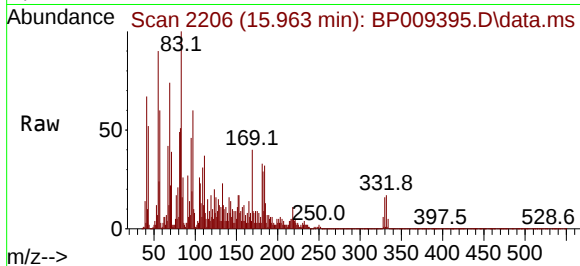




#42
2,4,6-Tribromophenol
Concen: 5.419 ng
RT: 15.963 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

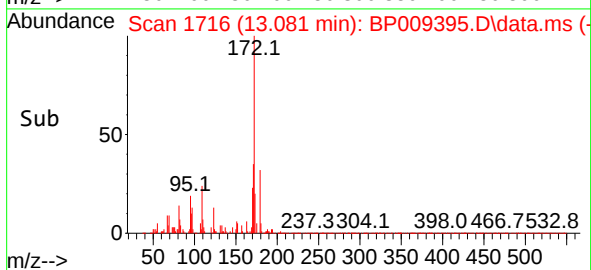
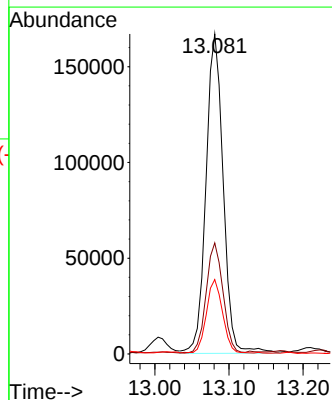
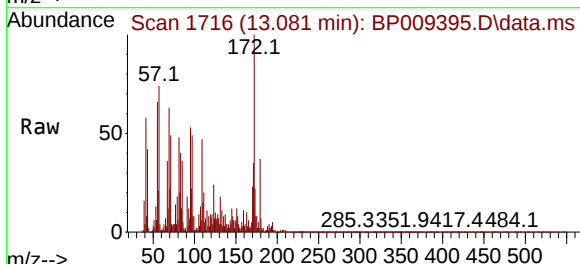
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1

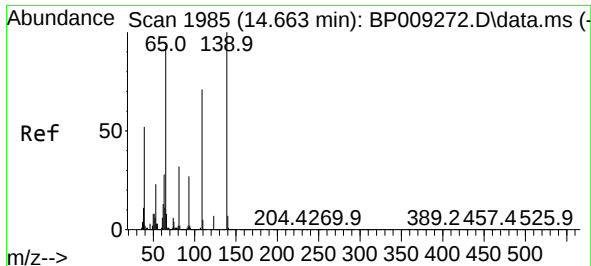
Tgt Ion: 330 Resp: 74766
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 33.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 3.256 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion: 172 Resp: 270489
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.3 18.6 27.8

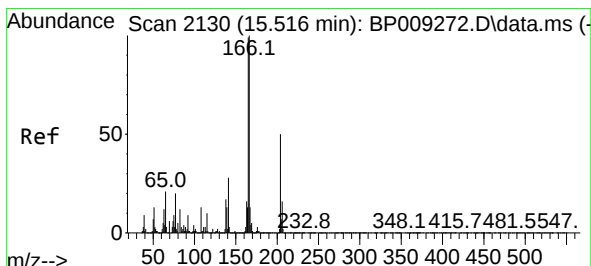
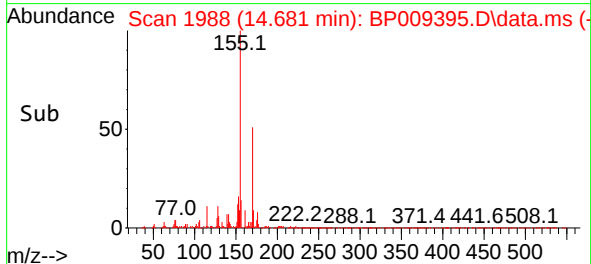
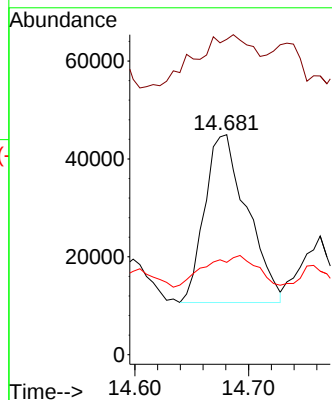
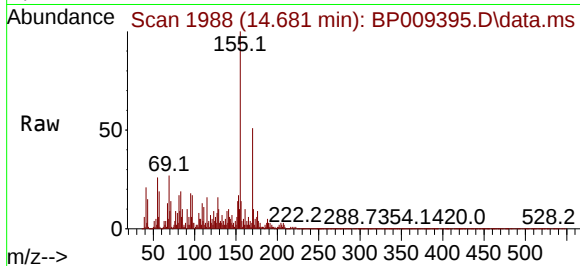




#56
4-Nitrophenol
Concen: 6.061 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.018 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

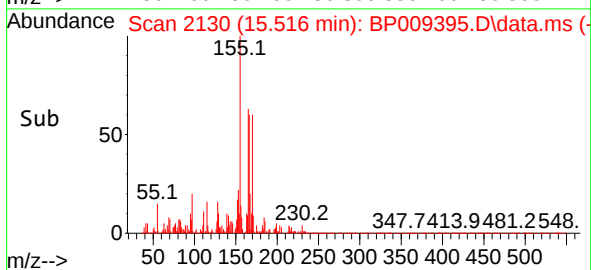
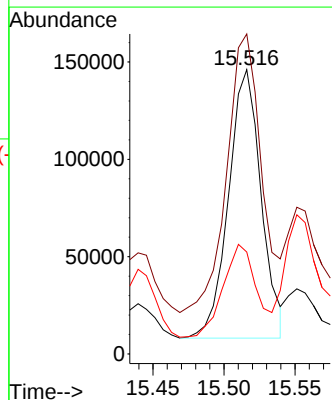
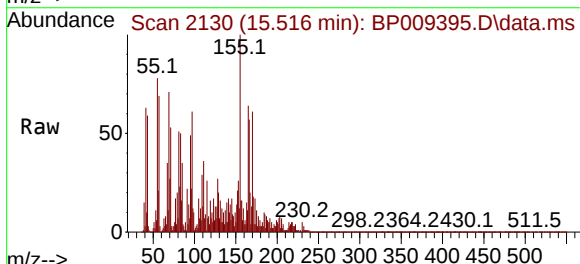
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-1

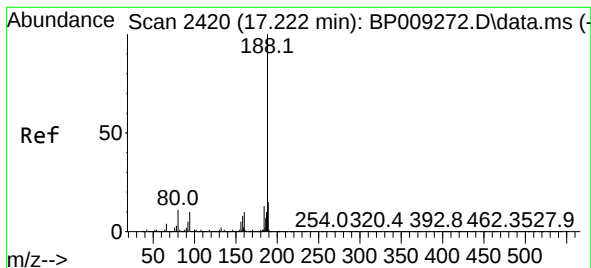
Tgt Ion:139 Resp: 89100
Ion Ratio Lower Upper
139 100
109 143.3 51.2 91.2#
65 42.0 73.2 113.2#



#58
Fluorene
Concen: 2.651 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP009395.D
Acq: 14 Mar 2022 22:28

Tgt Ion:166 Resp: 220009
Ion Ratio Lower Upper
166 100
165 112.6 79.2 118.8
167 35.8 10.7 16.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.228 min Scan# 2420

Delta R.T. 0.006 min

Lab File: BP009395.D

Acq: 14 Mar 2022 22:28

Instrument :

BNA_P

ClientSampleId :

WC-14A-1A-1

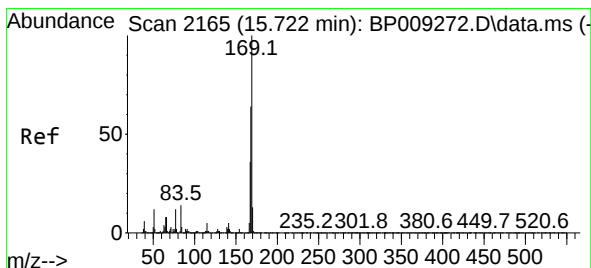
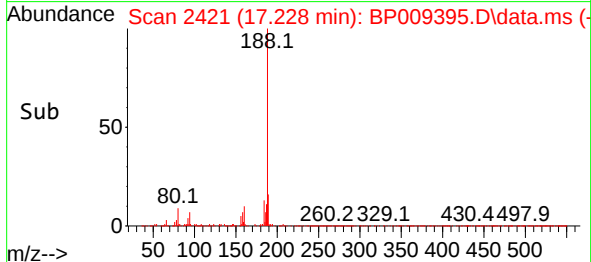
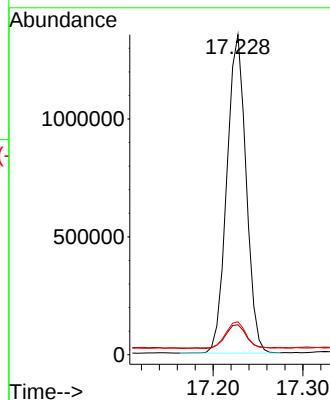
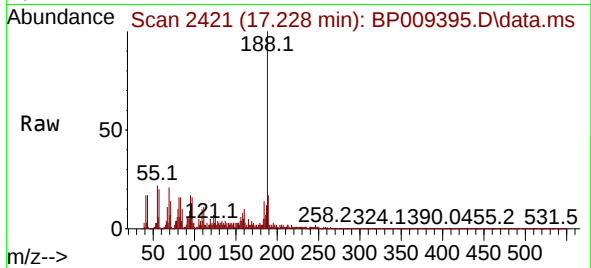
Tgt Ion:188 Resp: 2011727

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.3 8.8 13.2



#66

n-Nitrosodiphenylamine

Concen: 7.806 ng

RT: 15.739 min Scan# 2168

Delta R.T. 0.018 min

Lab File: BP009395.D

Acq: 14 Mar 2022 22:28

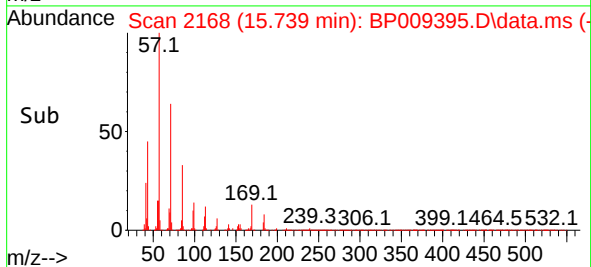
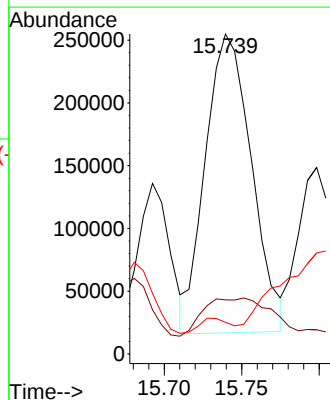
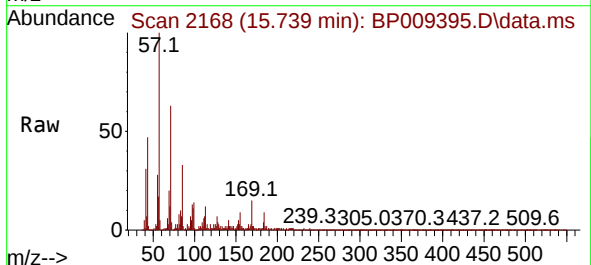
Tgt Ion:169 Resp: 492972

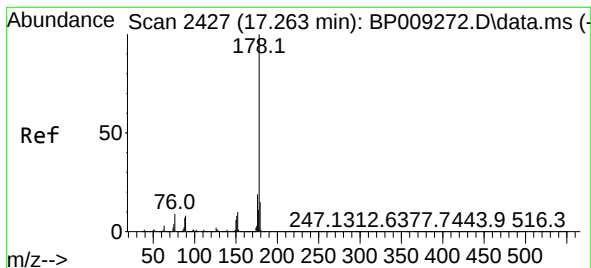
Ion Ratio Lower Upper

169 100

168 16.9 51.6 77.4#

167 9.9 29.0 43.4#





#71

Phenanthrene

Concen: 5.394 ng

RT: 17.269 min Scan# 2427

Delta R.T. 0.006 min

Lab File: BP009395.D

Acq: 14 Mar 2022 22:28

Instrument :

BNA_P

ClientSampleId :

WC-14A-1A-1

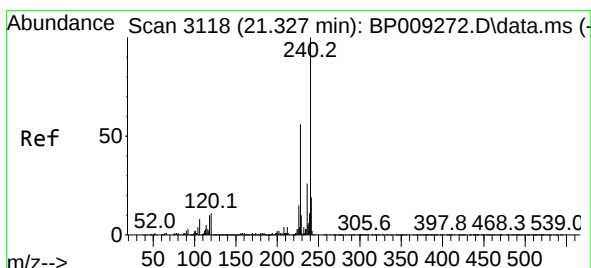
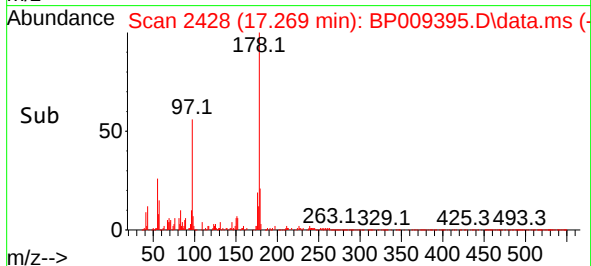
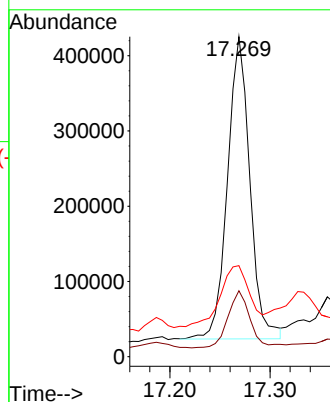
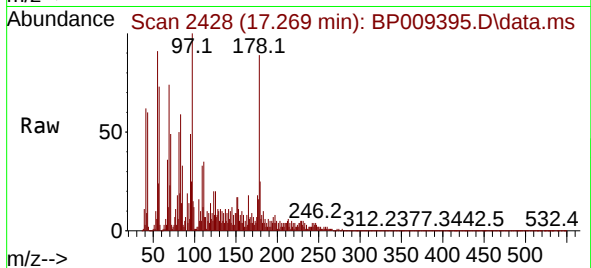
Tgt Ion:178 Resp: 623579

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.2

179 28.4 12.3 18.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 3120

Delta R.T. 0.012 min

Lab File: BP009395.D

Acq: 14 Mar 2022 22:28

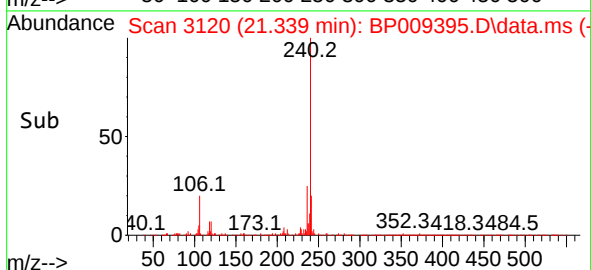
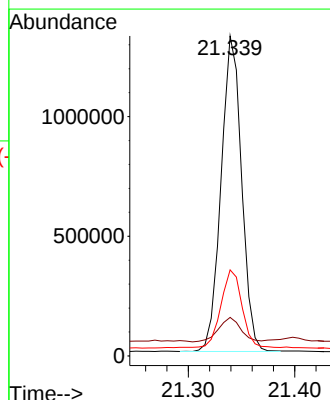
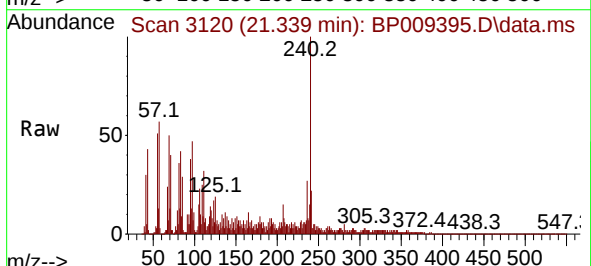
Tgt Ion:240 Resp: 1759326

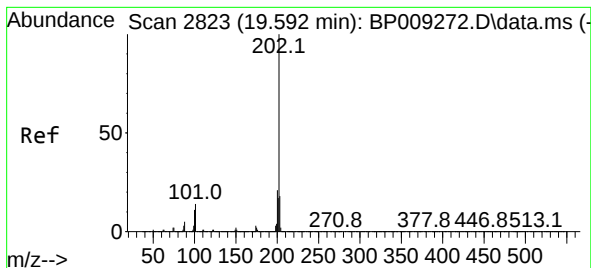
Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.4

236 26.9 20.6 30.8





#78

Pyrene

Concen: 2.176 ng

RT: 19.604 min Scan# 2825

Delta R.T. 0.012 min

Lab File: BP009395.D

Acq: 14 Mar 2022 22:28

Instrument :

BNA_P

ClientSampleId :

WC-14A-1A-1

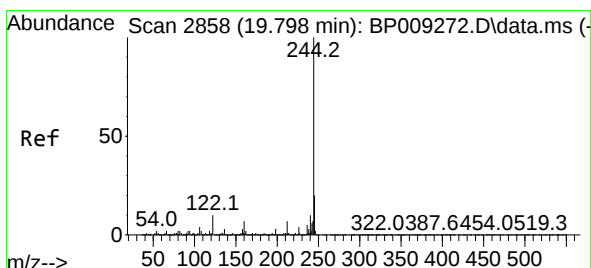
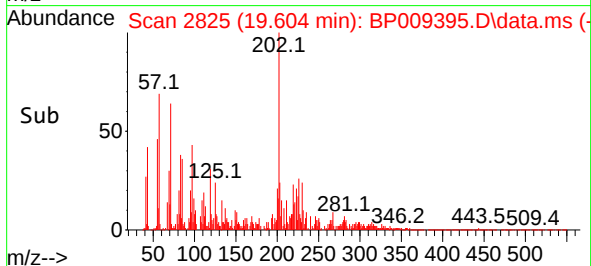
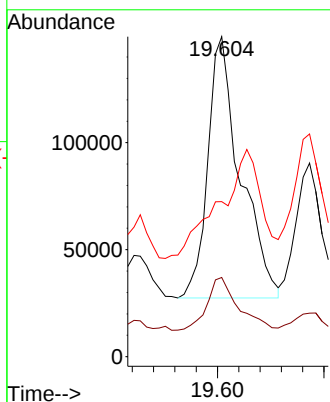
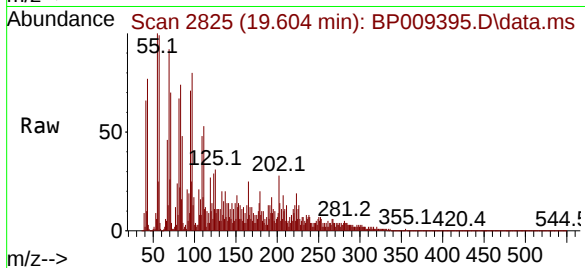
Tgt Ion:202 Resp: 258418

Ion Ratio Lower Upper

202 100

200 24.7 16.8 25.2

203 48.4 14.2 21.4#



#79

Terphenyl-d14

Concen: 3.532 ng

RT: 19.804 min Scan# 2859

Delta R.T. 0.006 min

Lab File: BP009395.D

Acq: 14 Mar 2022 22:28

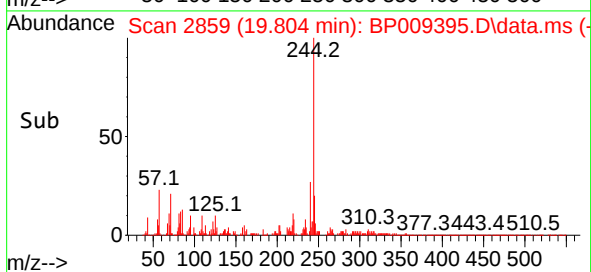
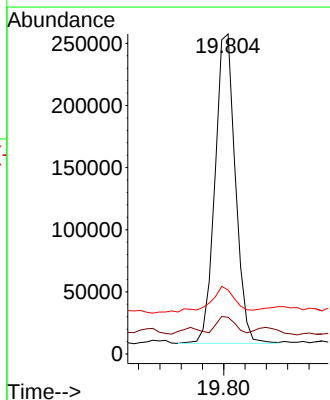
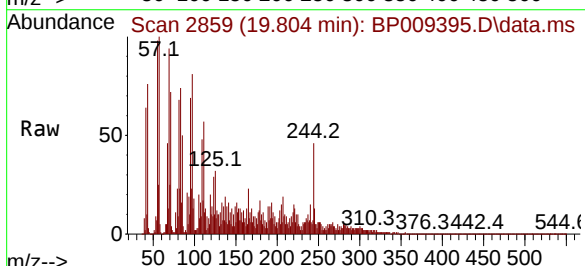
Tgt Ion:244 Resp: 329255

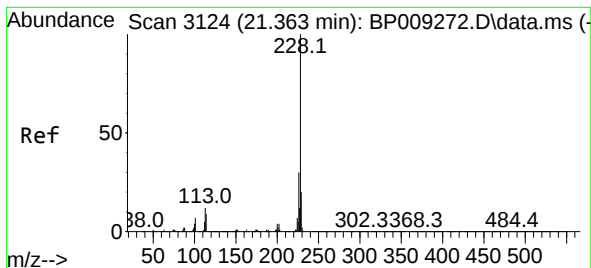
Ion Ratio Lower Upper

244 100

212 11.4 5.8 8.6#

122 20.0 8.3 12.5#





#83

Chrysene

Concen: 3.233 ng

RT: 21.374 min Scan# 3124

Delta R.T. 0.012 min

Lab File: BP009395.D

Acq: 14 Mar 2022 22:28

Instrument :

BNA_P

ClientSampleId :

WC-14A-1A-1

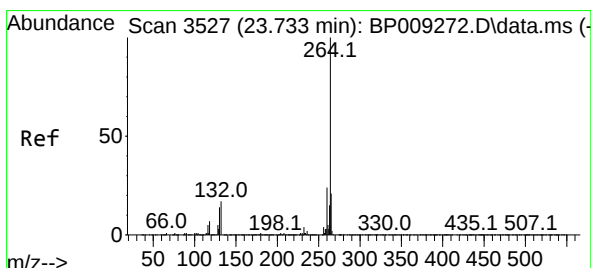
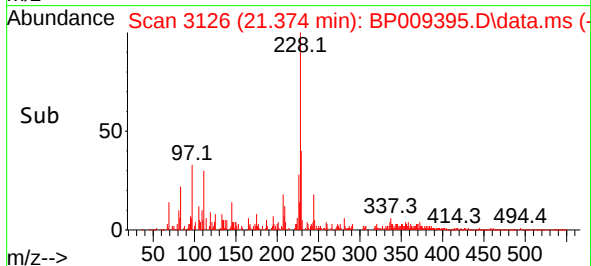
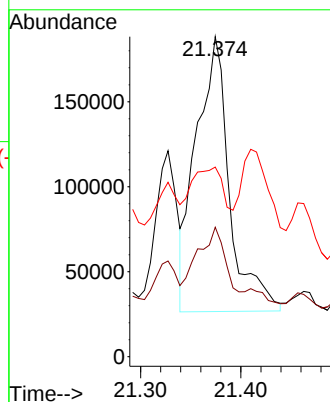
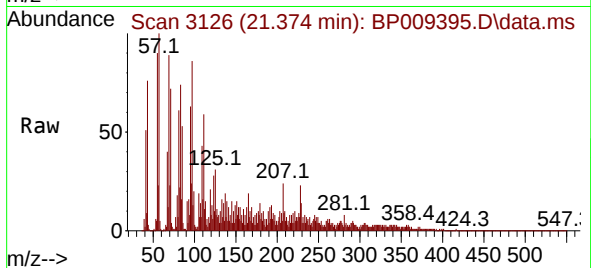
Tgt Ion:228 Resp: 374343

Ion Ratio Lower Upper

228 100

226 40.5 24.2 36.2#

229 59.2 16.1 24.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3533

Delta R.T. 0.035 min

Lab File: BP009395.D

Acq: 14 Mar 2022 22:28

Tgt Ion:264 Resp: 1967344

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.0

265 24.3 17.2 25.8

