

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
 Data File : BM034376.D
 Acq On : 24 Mar 2022 23:30
 Operator : CG/JU
 Sample : N2077-15 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-14A-3-3

Quant Time: Mar 25 01:11:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

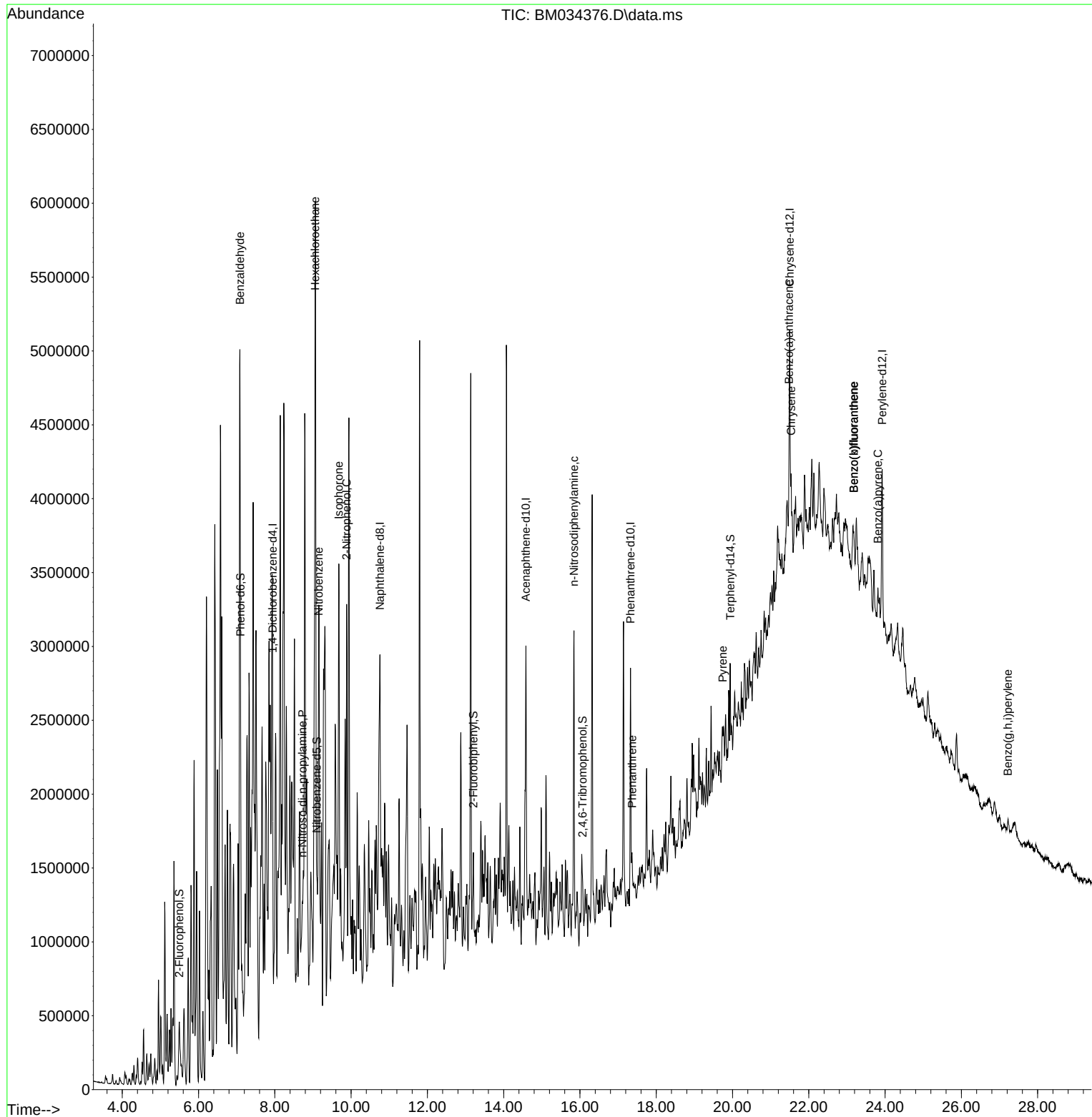
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	222640	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	860690	20.000	ng	# 0.00
39) Acenaphthene-d10	14.583	164	484213	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	795089	20.000	ng	# 0.00
76) Chrysene-d12	21.501	240	675184	20.000	ng	# 0.00
86) Perylene-d12	23.924	264	776151	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	133860	10.786	ng	0.00
7) Phenol-d6	7.101	99	165217	9.298	ng	0.00
23) Nitrobenzene-d5	9.101	82	182045	10.298	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	52325	8.017	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	234587	6.620	ng	0.00
79) Terphenyl-d14	19.942	244	242445	6.239	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.084	77	63724	6.656	ng	# 24
18) Hexachloroethane	9.060	117	230048	37.002	ng	# 1
19) n-Nitroso-di-n-propyla...	8.725	70	54305	4.225	ng	# 70
24) Nitrobenzene	9.148	77	59373	3.597	ng	# 53
25) Isophorone	9.678	82	275111	9.300	ng	# 1
26) 2-Nitrophenol	9.884	139	21559	2.945	ng	# 1
66) n-Nitrosodiphenylamine	15.842	169	87073	3.447	ng	# 46
71) Phenanthrene	17.366	178	116706	2.621	ng	# 92
78) Pyrene	19.742	202	181915	3.824	ng	# 92
81) Benzo(a)anthracene	21.483	228	163009	3.825	ng	# 75
83) Chrysene	21.536	228	275983	6.342	ng	# 81
88) Benzo(b)fluoranthene	23.183	252	117660	2.535	ng	# 41
89) Benzo(k)fluoranthene	23.183	252	117660	2.393	ng	# 40
90) Benzo(a)pyrene	23.812	252	131289	3.337	ng	# 56
92) Benzo(g,h,i)perylene	27.218	276	101155	2.414	ng	# 82

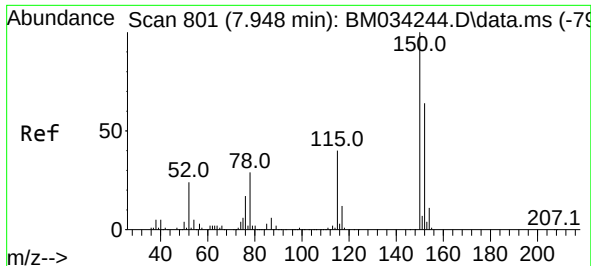
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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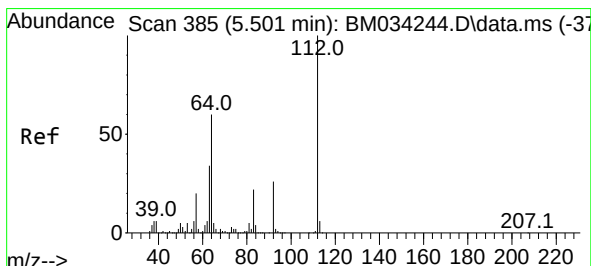
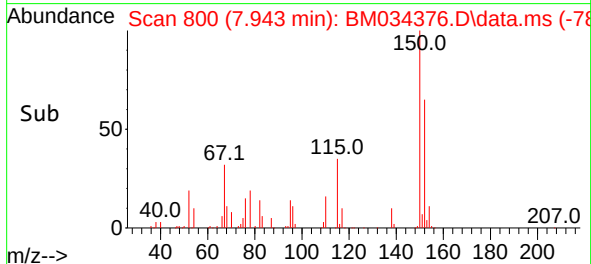
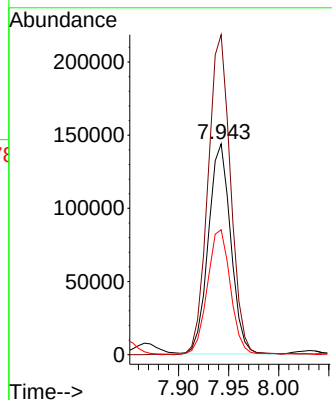
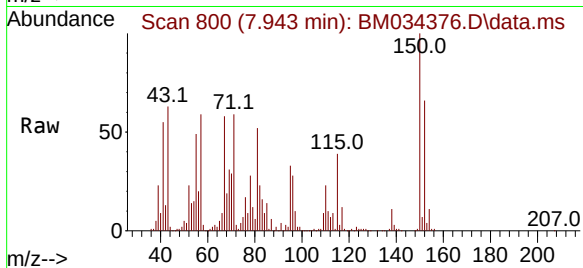




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 801
Delta R.T. 0.001 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

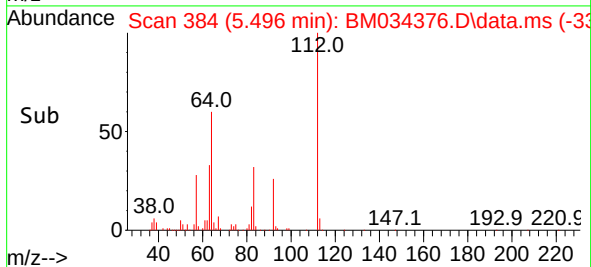
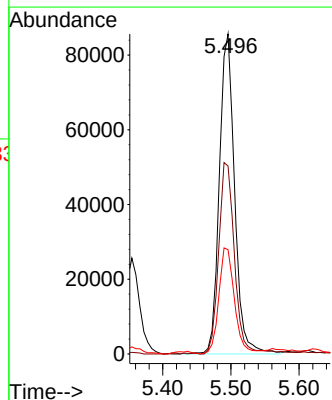
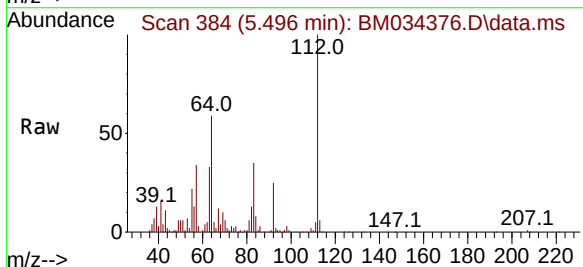
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

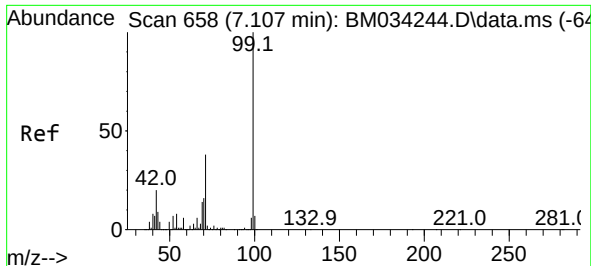
Tgt Ion:152 Resp: 222640
Ion Ratio Lower Upper
152 100
150 151.7 125.4 188.2
115 59.3 50.1 75.1



#5
2-Fluorophenol
Concen: 10.786 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

Tgt Ion:112 Resp: 133860
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 32.6 27.1 40.7

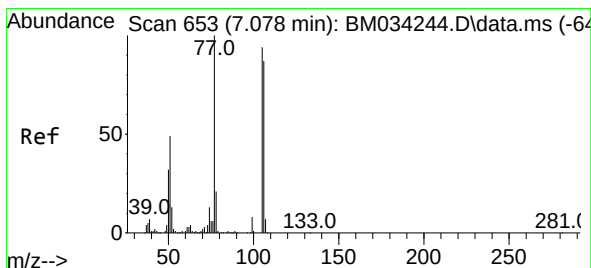
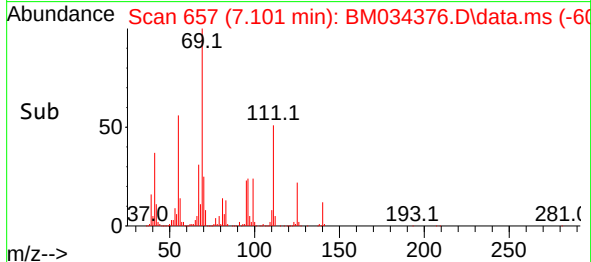
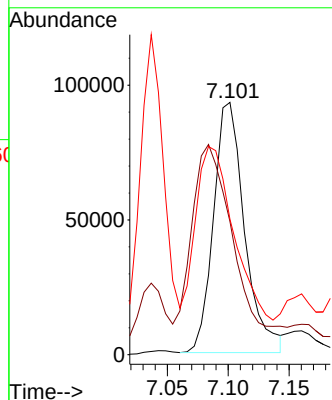
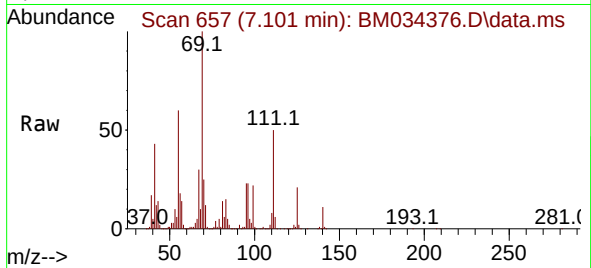




#7
Phenol-d6
Concen: 9.298 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

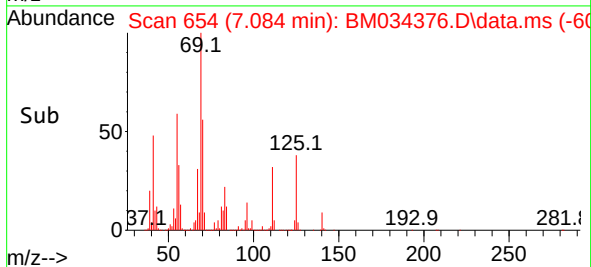
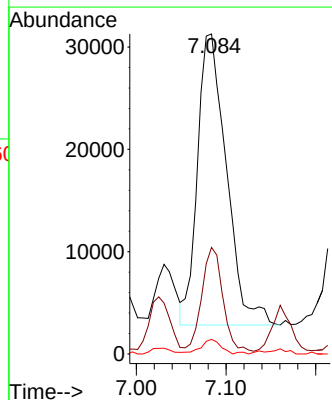
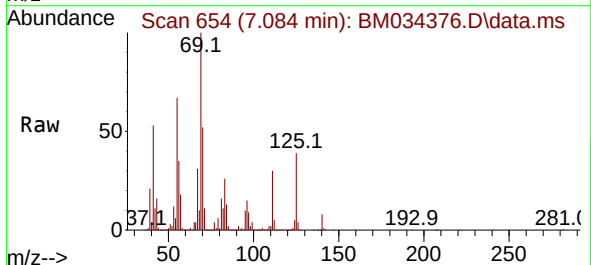
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

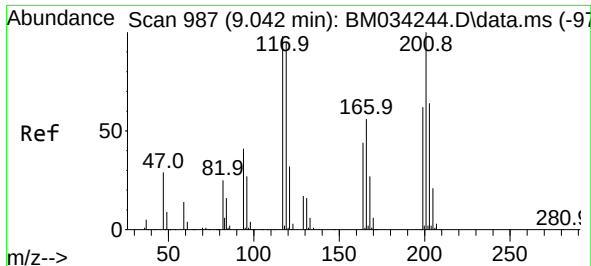
Tgt Ion: 99 Resp: 165217
Ion Ratio Lower Upper
99 100
42 52.7 15.6 23.4#
71 53.6 30.6 46.0#



#9
Benzaldehyde
Concen: 6.656 ng
RT: 7.084 min Scan# 654
Delta R.T. 0.012 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

Tgt Ion: 77 Resp: 63724
Ion Ratio Lower Upper
77 100
105 33.3 73.9 113.9#
106 4.6 67.2 107.2#

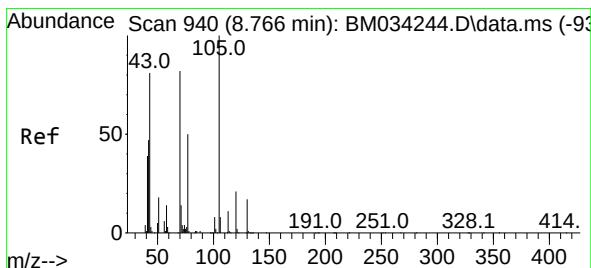
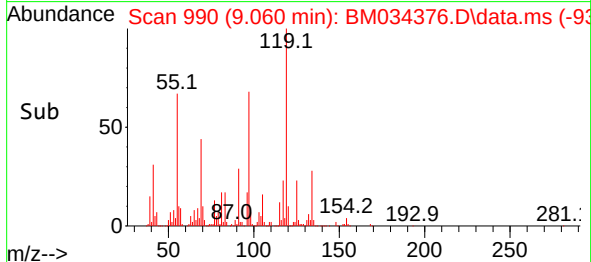
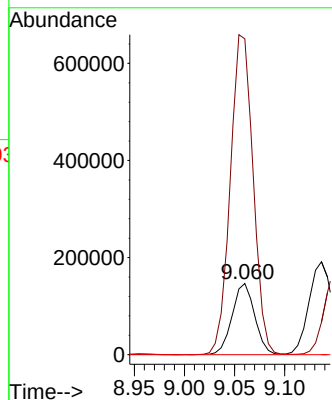
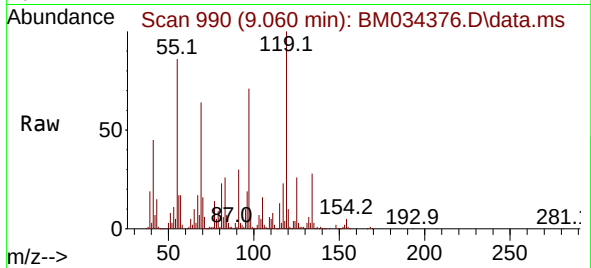




#18
Hexachloroethane
Concen: 37.002 ng
RT: 9.060 min Scan# 91
Delta R.T. 0.029 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

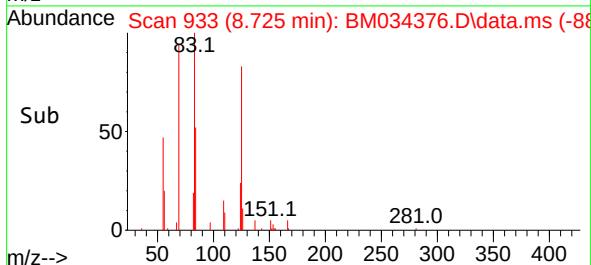
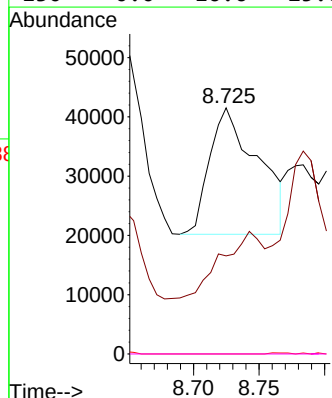
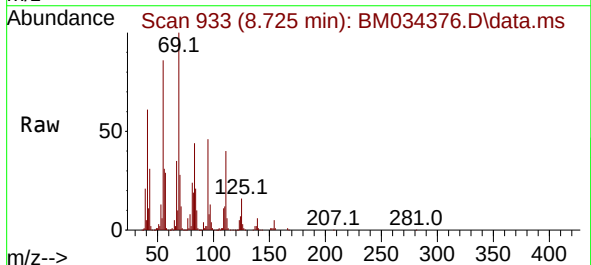
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

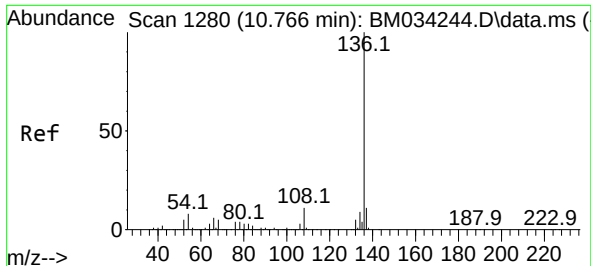
Tgt Ion:117 Resp: 230048
Ion Ratio Lower Upper
117 100
119 443.2 77.4 116.0#
201 0.0 81.6 122.4#



#19
n-Nitroso-di-n-propylamine
Concen: 4.225 ng
RT: 8.725 min Scan# 933
Delta R.T. -0.029 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

Tgt Ion: 70 Resp: 54305
Ion Ratio Lower Upper
70 100
42 39.8 46.7 70.1#
101 0.0 7.8 11.6#
130 0.0 16.6 25.0#

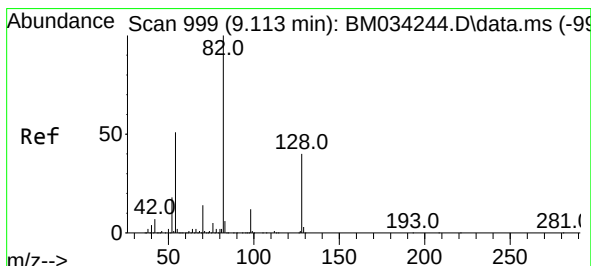
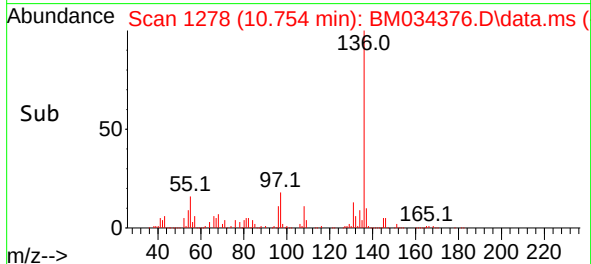
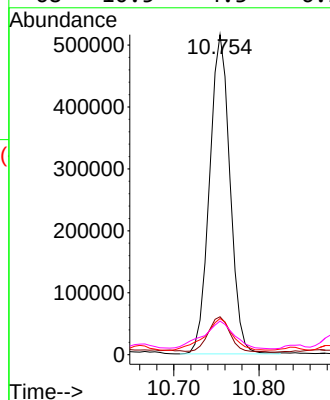
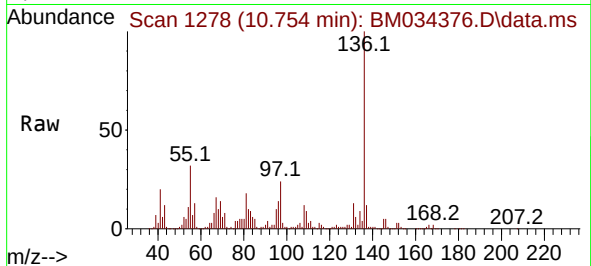




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

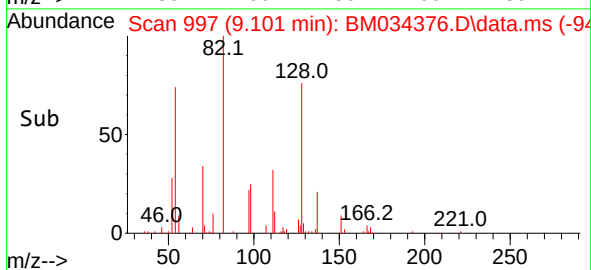
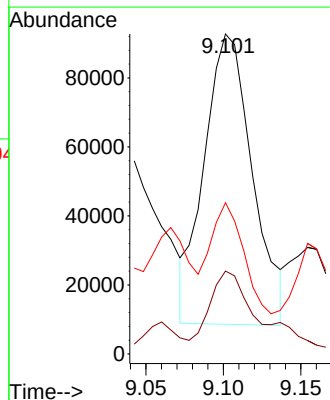
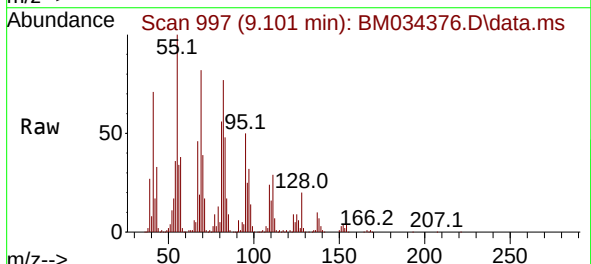
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

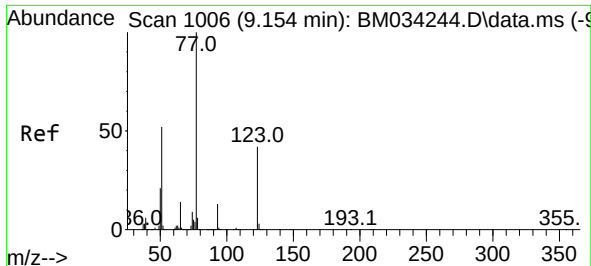
Tgt Ion:136 Resp: 860690
Ion Ratio Lower Upper
136 100
137 11.9 8.6 13.0
54 11.3 6.2 9.4#
68 10.5 4.3 6.5#



#23
Nitrobenzene-d5
Concen: 10.298 ng
RT: 9.101 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

Tgt Ion: 82 Resp: 182045
Ion Ratio Lower Upper
82 100
128 25.9 31.9 47.9#
54 47.2 40.6 61.0

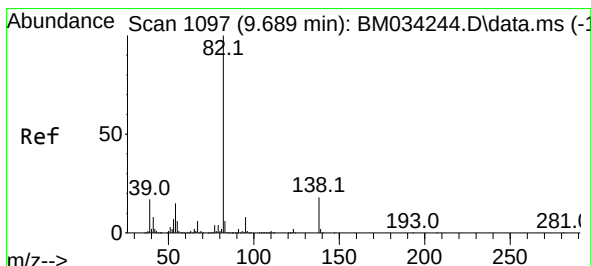
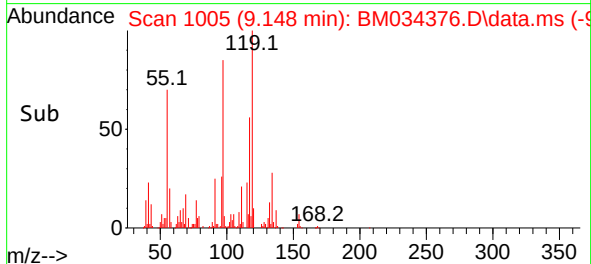
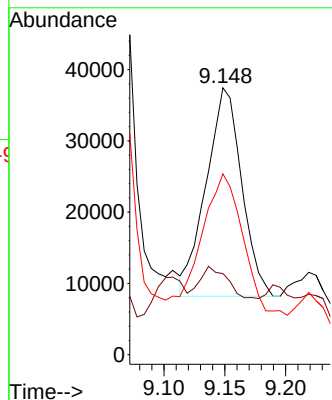
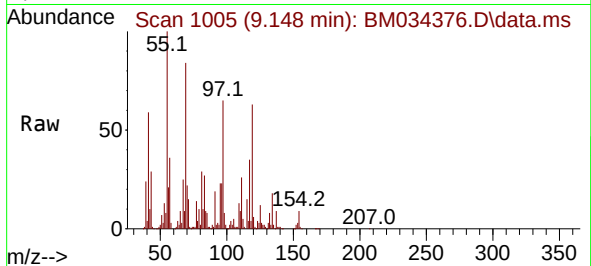




#24
Nitrobenzene
Concen: 3.597 ng
RT: 9.148 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

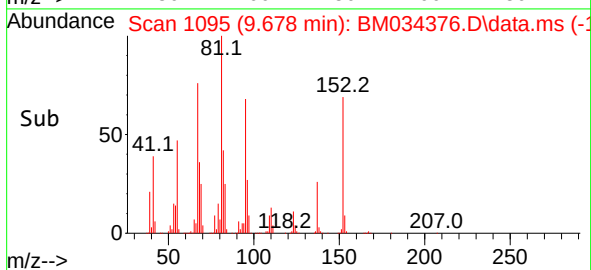
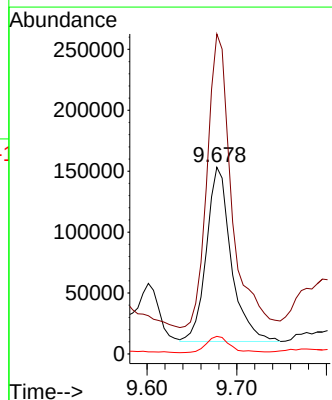
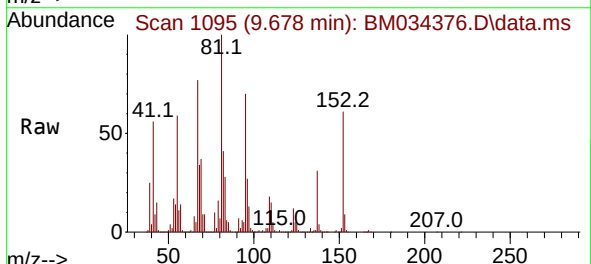
Instrument :
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ClientSampleId :
WC-14A-3-3

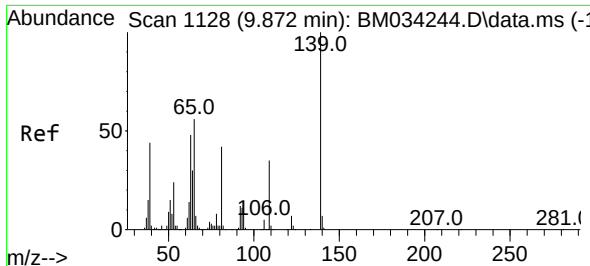
Tgt Ion: 77 Resp: 59373
Ion Ratio Lower Upper
77 100
123 30.4 33.3 49.9#
65 67.7 11.0 16.4#



#25
Isophorone
Concen: 9.300 ng
RT: 9.678 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

Tgt Ion: 82 Resp: 275111
Ion Ratio Lower Upper
82 100
95 171.4 6.6 9.8#
138 9.4 14.4 21.6#

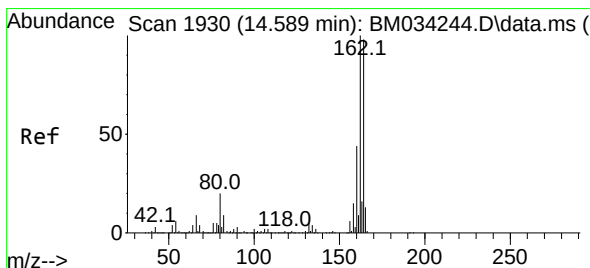
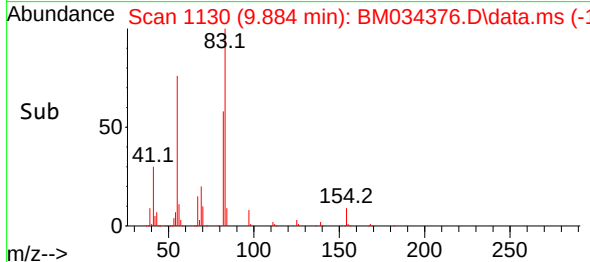
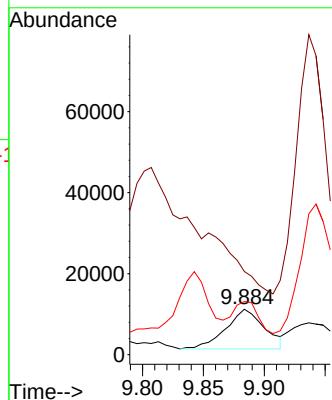
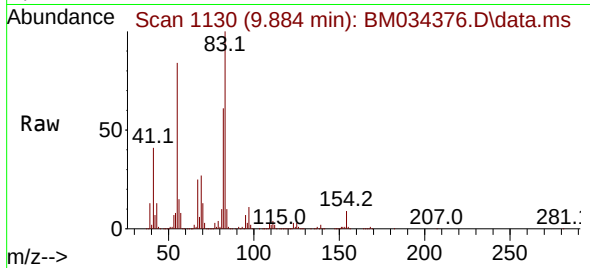




#26
2-Nitrophenol
Concen: 2.945 ng
RT: 9.884 min Scan# 1128
Delta R.T. 0.024 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

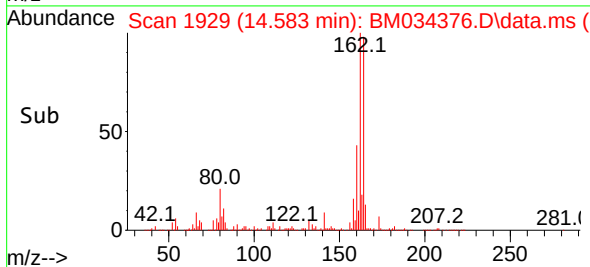
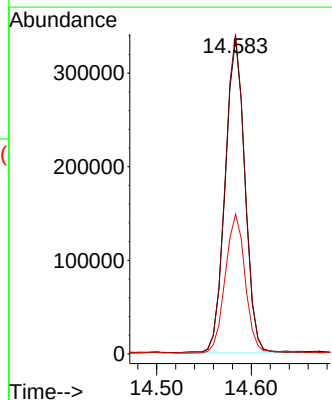
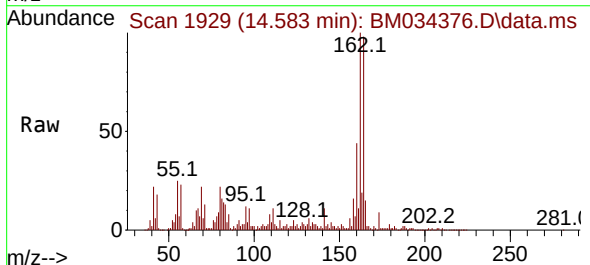
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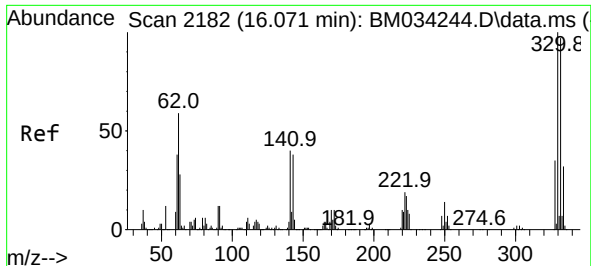
Tgt Ion:139 Resp: 21559
Ion Ratio Lower Upper
139 100
109 183.2 28.1 42.1#
65 116.9 44.6 67.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

Tgt Ion:164 Resp: 484213
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 44.4 35.6 53.4

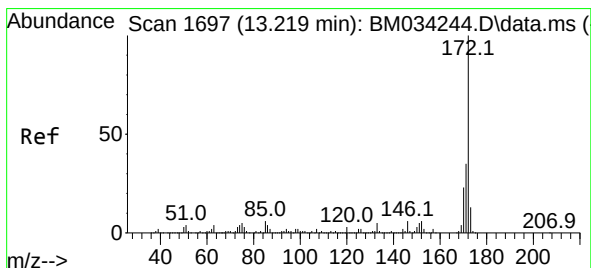
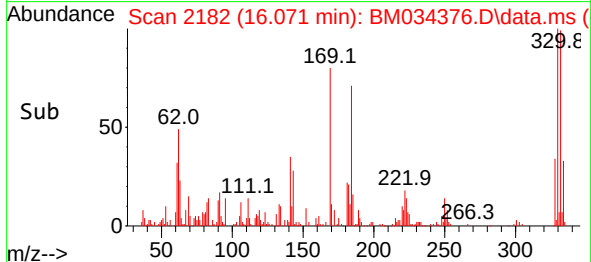
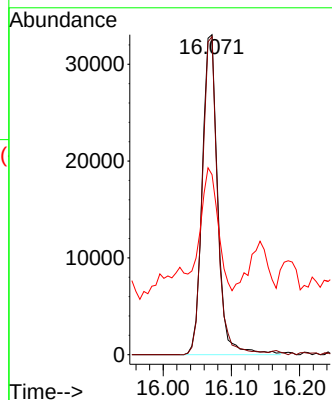
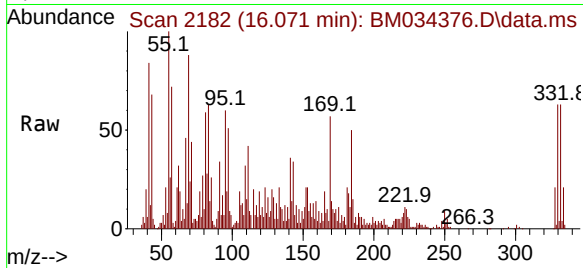




#42
2,4,6-Tribromophenol
Concen: 8.017 ng
RT: 16.071 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

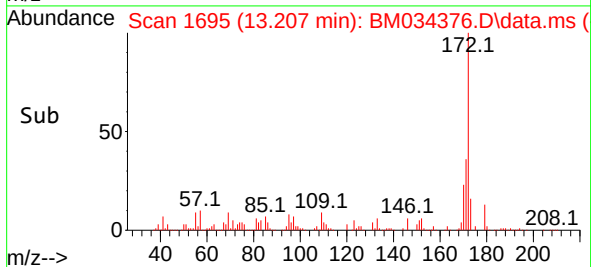
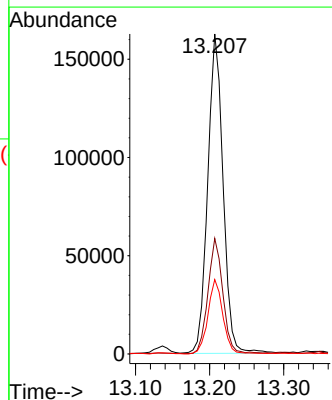
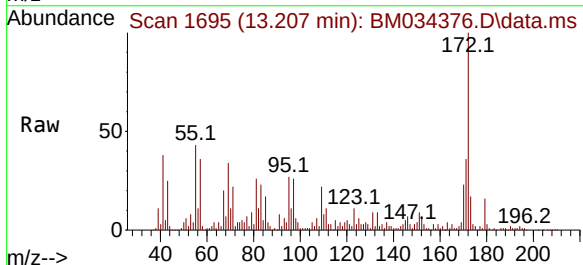
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

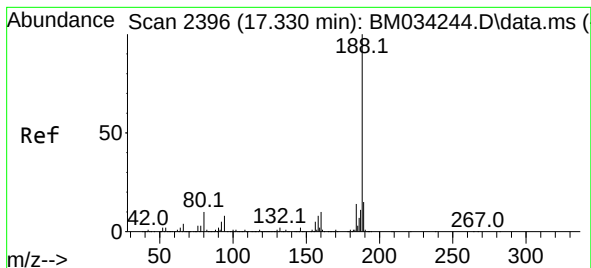
Tgt Ion:330 Resp: 52325
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.4
141 42.8 30.6 45.8



#45
2-Fluorobiphenyl
Concen: 6.620 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

Tgt Ion:172 Resp: 234587
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM034376.D

Acq: 24 Mar 2022 23:30

Instrument :

BNA_M

ClientSampleId :

WC-14A-3-3

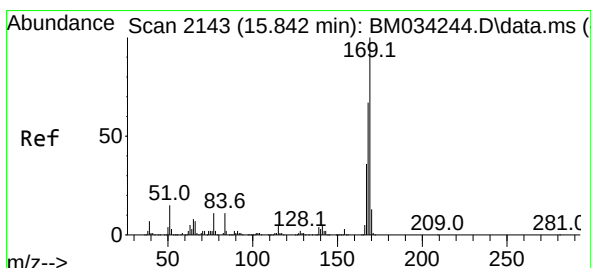
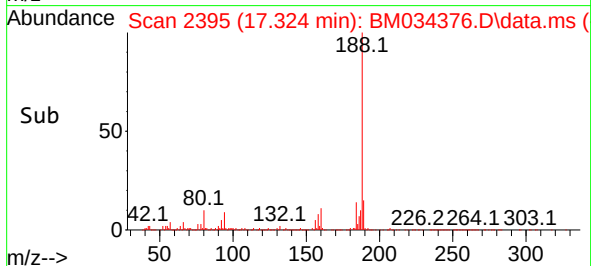
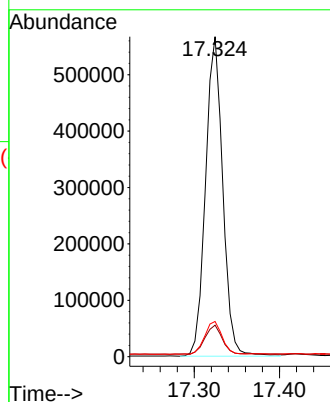
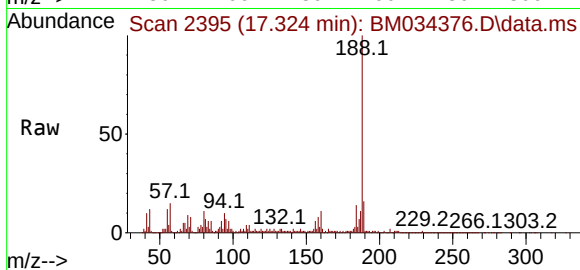
Tgt Ion:188 Resp: 795089

Ion Ratio Lower Upper

188 100

94 9.9 6.6 9.8#

80 11.0 7.8 11.8



#66

n-Nitrosodiphenylamine

Concen: 3.447 ng

RT: 15.842 min Scan# 2143

Delta R.T. 0.006 min

Lab File: BM034376.D

Acq: 24 Mar 2022 23:30

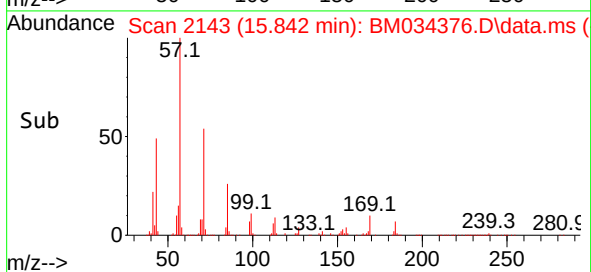
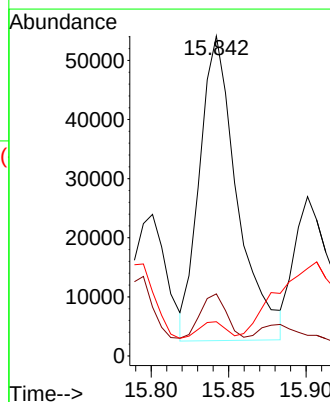
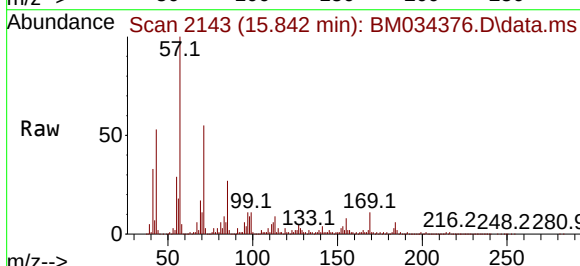
Tgt Ion:169 Resp: 87073

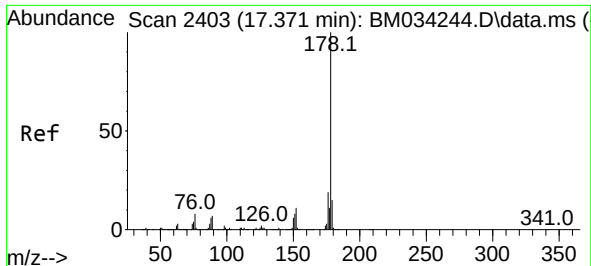
Ion Ratio Lower Upper

169 100

168 19.4 53.9 80.9#

167 10.7 29.0 43.4#

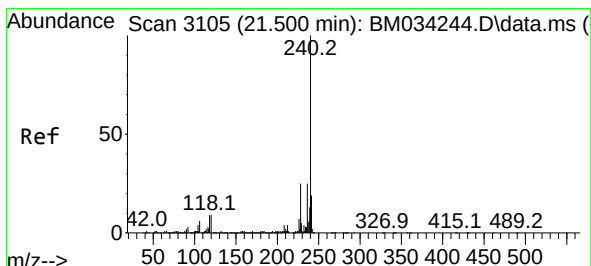
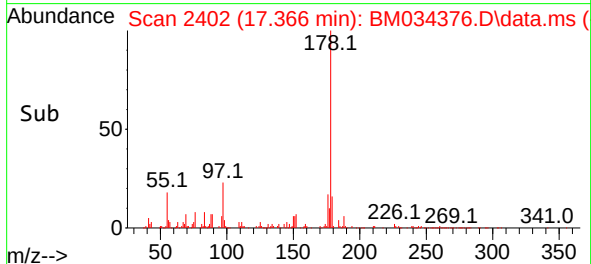
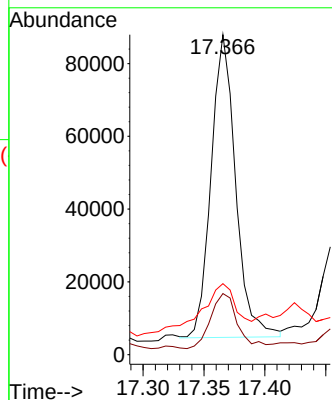
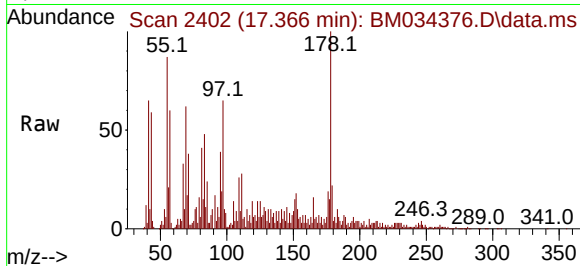




#71
Phenanthrene
Concen: 2.621 ng
RT: 17.366 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

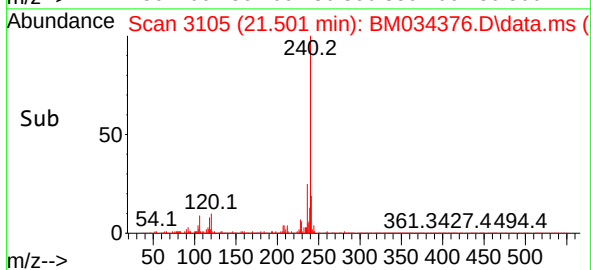
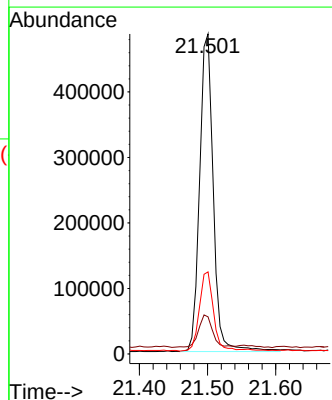
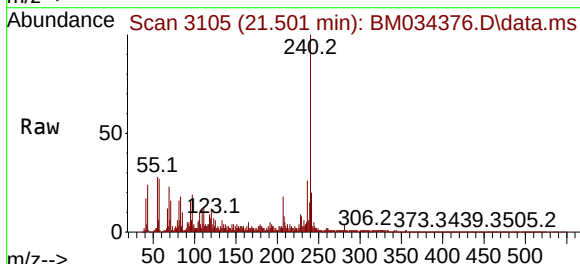
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

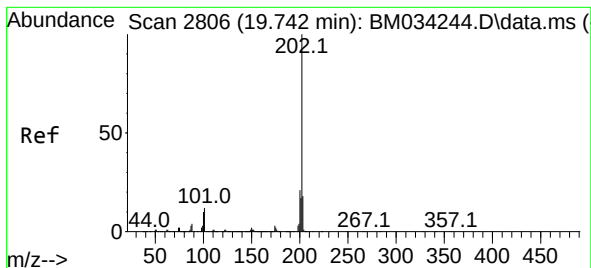
Tgt Ion:178 Resp: 116706
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 22.2 12.2 18.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

Tgt Ion:240 Resp: 675184
Ion Ratio Lower Upper
240 100
120 11.6 7.3 10.9#
236 25.6 20.2 30.2





#78

Pyrene

Concen: 3.824 ng

RT: 19.742 min Scan# 2

Delta R.T. 0.006 min

Lab File: BM034376.D

Acq: 24 Mar 2022 23:30

Instrument :

BNA_M

ClientSampleId :

WC-14A-3-3

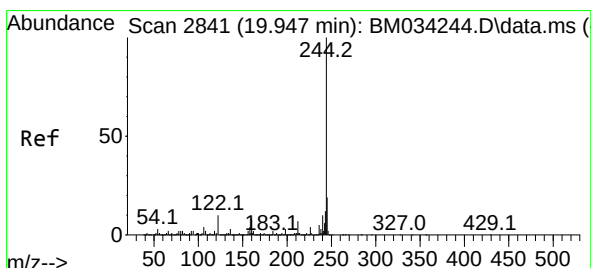
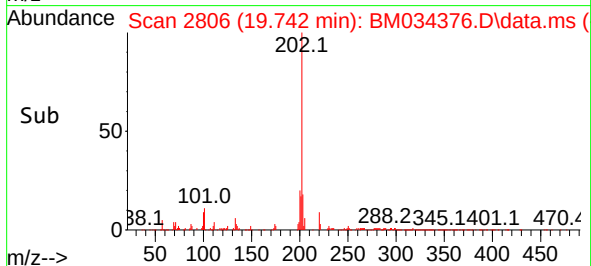
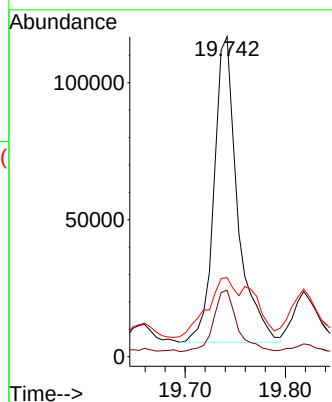
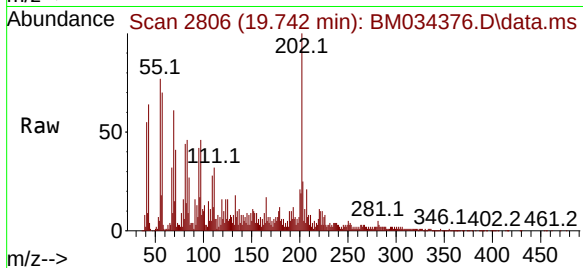
Tgt Ion:202 Resp: 181915

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 24.7 14.1 21.1#



#79

Terphenyl-d14

Concen: 6.239 ng

RT: 19.942 min Scan# 2840

Delta R.T. 0.006 min

Lab File: BM034376.D

Acq: 24 Mar 2022 23:30

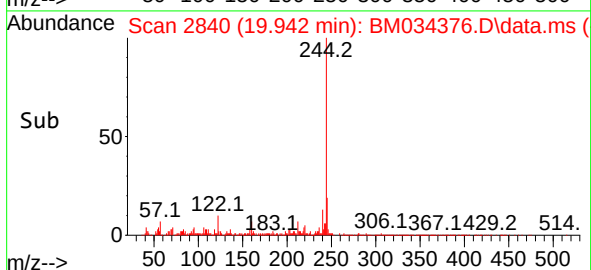
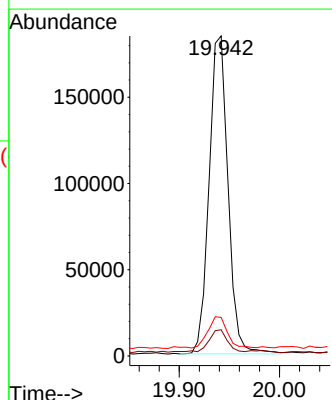
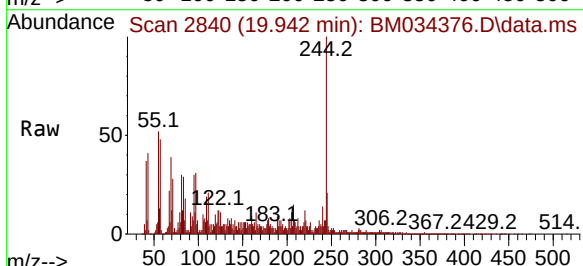
Tgt Ion:244 Resp: 242445

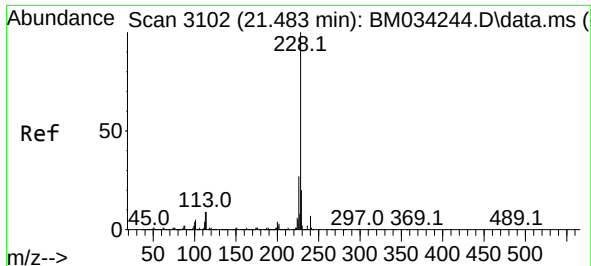
Ion Ratio Lower Upper

244 100

212 8.2 5.9 8.9

122 12.0 7.8 11.8#

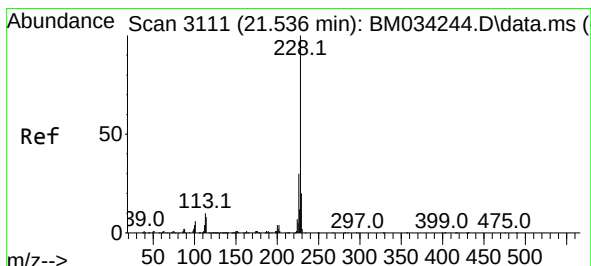
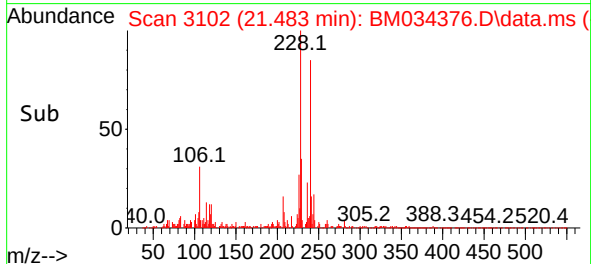
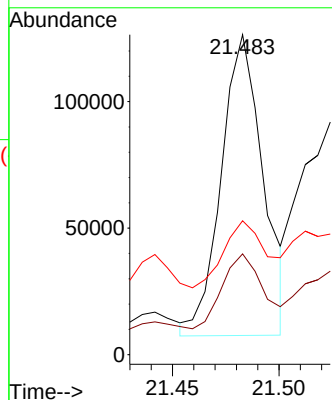
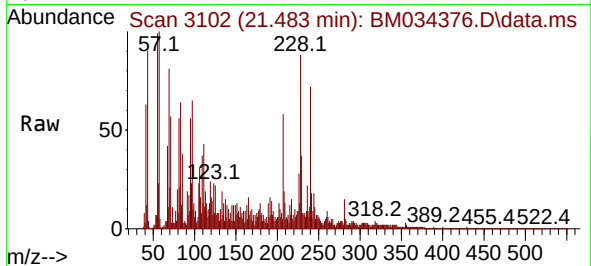




#81
Benzo(a)anthracene
Concen: 3.825 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

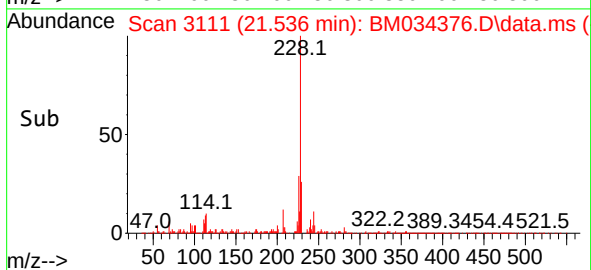
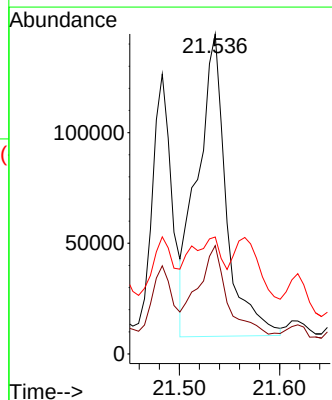
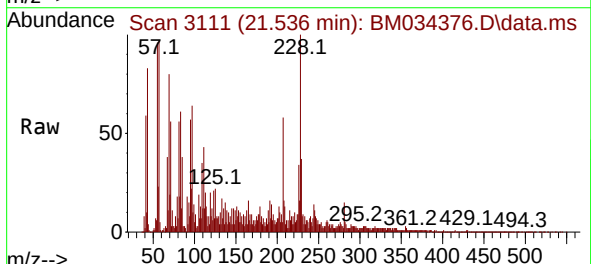
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

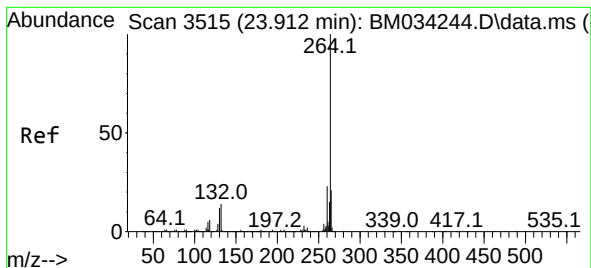
Tgt Ion:228 Resp: 163009
Ion Ratio Lower Upper
228 100
226 31.5 21.6 32.4
229 41.8 15.8 23.6#



#83
Chrysene
Concen: 6.342 ng
RT: 21.536 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

Tgt Ion:228 Resp: 275983
Ion Ratio Lower Upper
228 100
226 33.9 23.8 35.6
229 36.5 15.6 23.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.924 min Scan# 3

Delta R.T. 0.018 min

Lab File: BM034376.D

Acq: 24 Mar 2022 23:30

Instrument :

BNA_M

ClientSampleId :

WC-14A-3-3

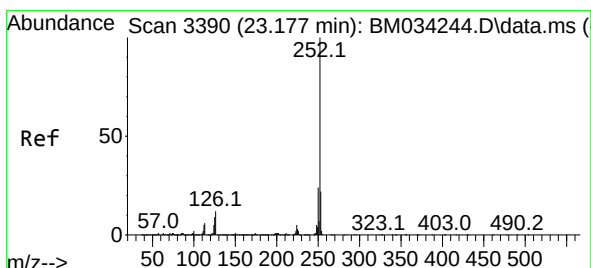
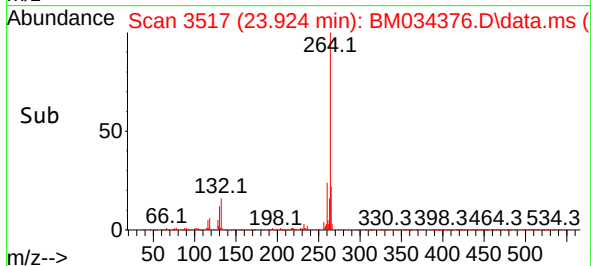
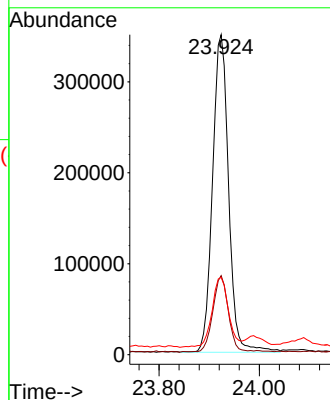
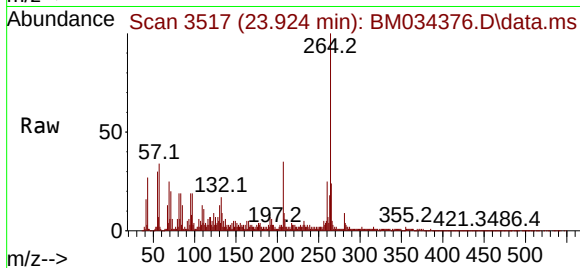
Tgt Ion:264 Resp: 776151

Ion Ratio Lower Upper

264 100

260 24.7 18.6 28.0

265 24.1 17.6 26.4



#88

Benzo(b)fluoranthene

Concen: 2.535 ng

RT: 23.183 min Scan# 3391

Delta R.T. 0.012 min

Lab File: BM034376.D

Acq: 24 Mar 2022 23:30

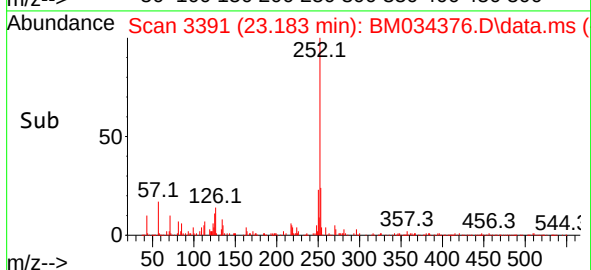
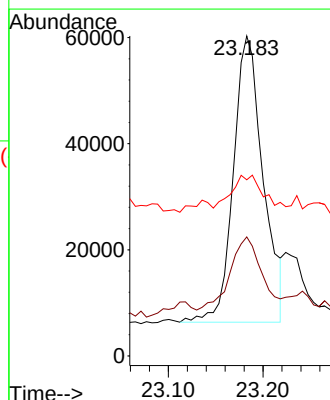
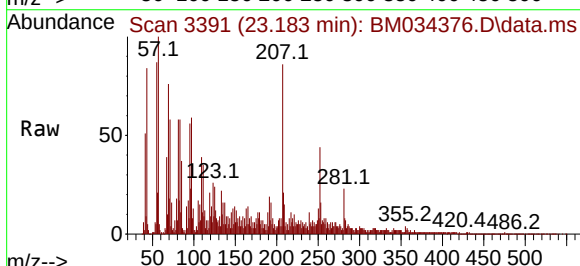
Tgt Ion:252 Resp: 117660

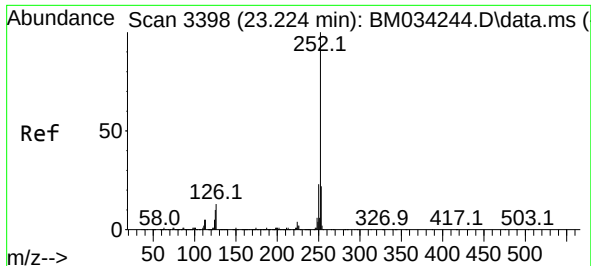
Ion Ratio Lower Upper

252 100

253 37.2 17.8 26.8#

125 55.0 7.2 10.8#

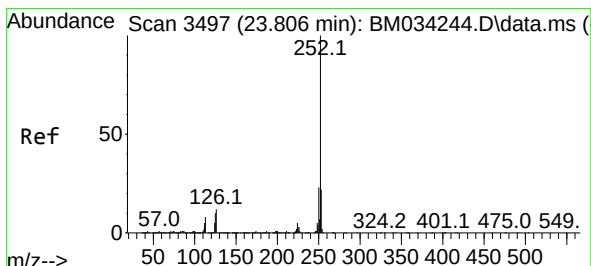
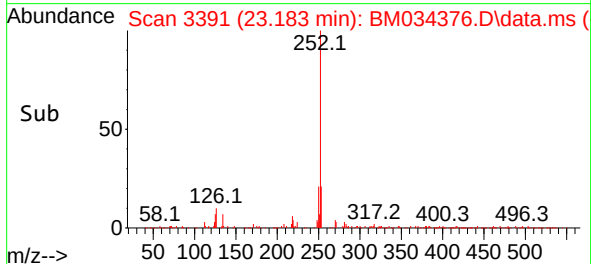
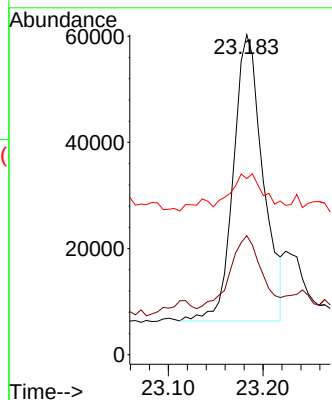
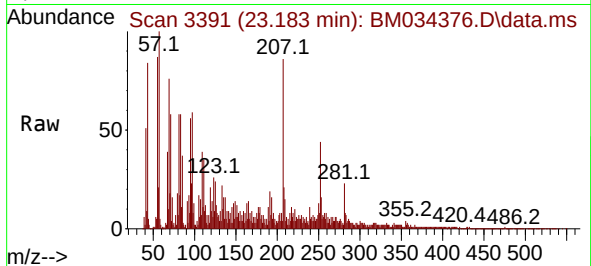




#89
Benzo(k)fluoranthene
Concen: 2.393 ng
RT: 23.183 min Scan# 31
Delta R.T. -0.041 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

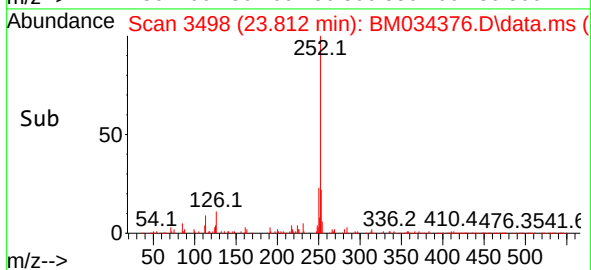
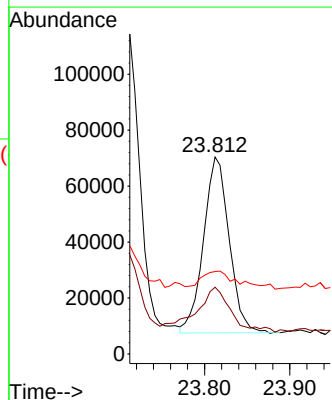
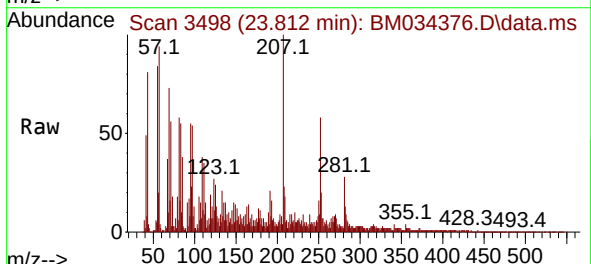
Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

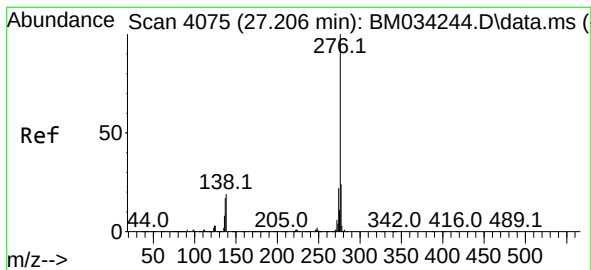
Tgt Ion:252 Resp: 117660
Ion Ratio Lower Upper
252 100
253 37.2 17.6 26.4#
125 55.0 7.5 11.3#



#90
Benzo(a)pyrene
Concen: 3.337 ng
RT: 23.812 min Scan# 3498
Delta R.T. 0.012 min
Lab File: BM034376.D
Acq: 24 Mar 2022 23:30

Tgt Ion:252 Resp: 131289
Ion Ratio Lower Upper
252 100
253 33.9 17.5 26.3#
125 41.9 7.8 11.6#





#92

Benzo(g,h,i)perylene

Concen: 2.414 ng

RT: 27.218 min Scan# 4077

Delta R.T. 0.018 min

Lab File: BM034376.D

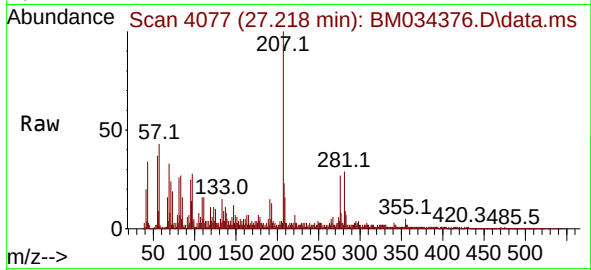
Acq: 24 Mar 2022 23:30

Instrument :

BNA_M

ClientSampleId :

WC-14A-3-3



Tgt Ion:276 Resp: 101155

Ion Ratio Lower Upper

276 100

277 30.8 19.0 28.4#

138 30.0 15.6 23.4#

