

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010598.D
 Acq On : 28 May 2022 14:01
 Operator : CG/JU
 Sample : N3087-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-03

Quant Time: May 28 23:36:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

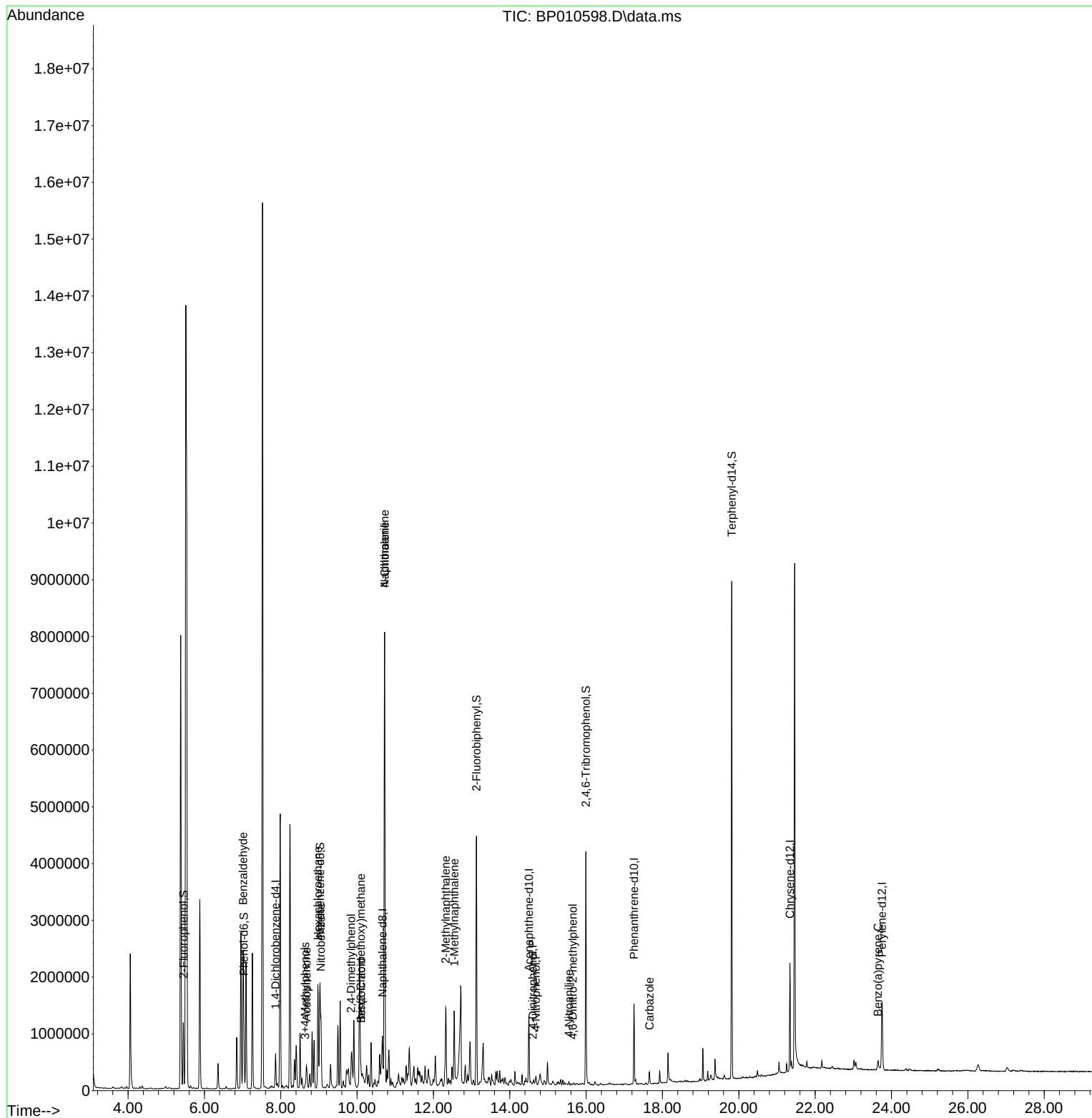
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	140723	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	579502	20.000	ng	0.00
39) Acenaphthene-d10	14.499	164	400515	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	850944	20.000	ng	0.00
76) Chrysene-d12	21.339	240	858819	20.000	ng	0.00
86) Perylene-d12	23.751	264	928228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	446824	57.925	ng	0.00
7) Phenol-d6	7.034	99	386128	35.260	ng	0.00
23) Nitrobenzene-d5	9.028	82	978361	79.819	ng	0.00
42) 2,4,6-Tribromophenol	15.993	330	673312	148.514	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2216983	78.560	ng	0.00
79) Terphenyl-d14	19.816	244	3895857	85.206	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.017	77	183165	25.417	ng	# 1
18) Hexachloroethane	8.975	117	206794	51.710	ng	# 1
20) 3+4-Methylphenols	8.640	107	32078	3.070	ng	93
22) Acetophenone	8.675	105	309310	20.467	ng	# 59
24) Nitrobenzene	9.052	77	41381	3.342	ng	# 1
27) 2,4-Dimethylphenol	9.846	122	140189	19.544	ng	96
28) bis(2-Chloroethoxy)met...	10.099	93	36360	3.214	ng	# 67
31) Naphthalene	10.722	128	5831518	191.019	ng	99
32) Benzoic acid	10.105	122	52005	15.538	ng	# 39
33) 4-Chloroaniline	10.722	127	775182	65.731	ng	# 31
37) 2-Methylnaphthalene	12.322	142	598566	28.099	ng	98
38) 1-Methylnaphthalene	12.546	142	541318	26.021	ng	99
54) 2,4-Dinitrophenol	14.604	184	17	6.650	ng	# 1
56) 4-Nitrophenol	14.687	139	553	3.702	ng	# 1
62) 4-Nitroaniline	15.551	138	411	2.194	ng	# 77
65) 4,6-Dinitro-2-methylph...	15.651	198	34	4.608	ng	# 1
73) Carbazole	17.663	167	101011	2.660	ng	96
90) Benzo(a)pyrene	23.645	252	106138	2.196	ng	# 95

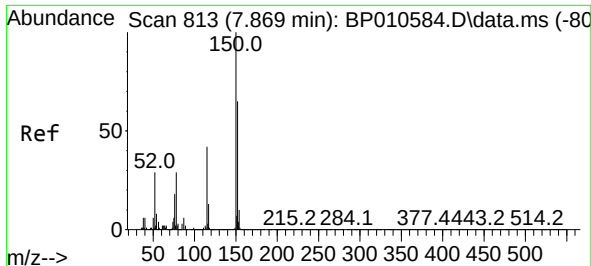
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010598.D
Acq On : 28 May 2022 14:01
Operator : CG/JU
Sample : N3087-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-03

Quant Time: May 28 23:36:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

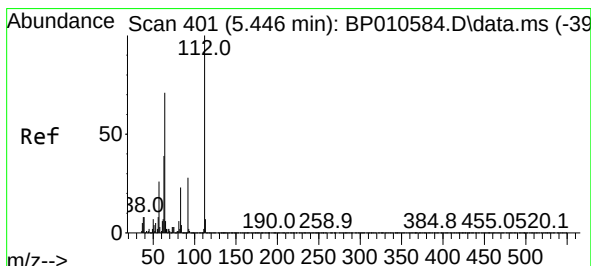
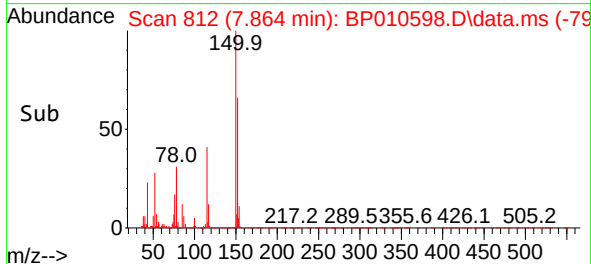
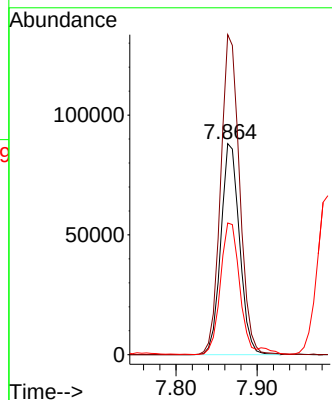
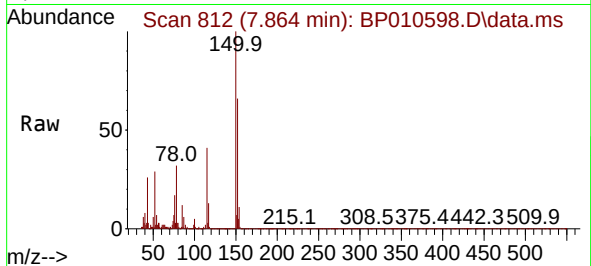




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.005 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

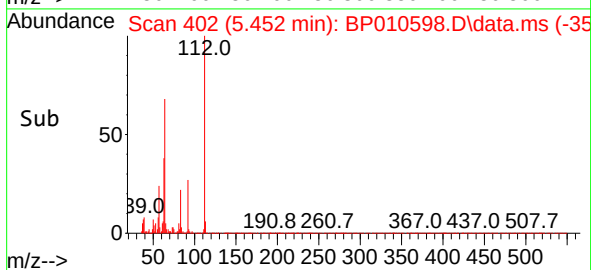
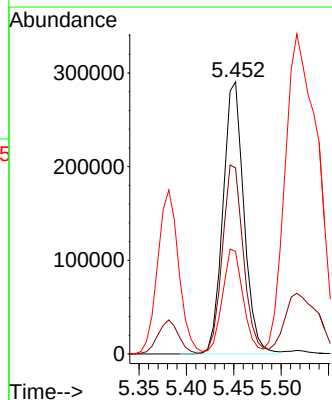
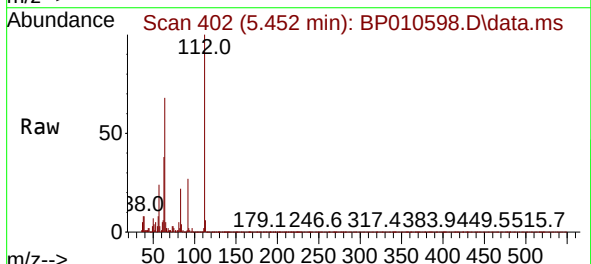
Instrument :
BNA_P
ClientSampleId :
MW-03

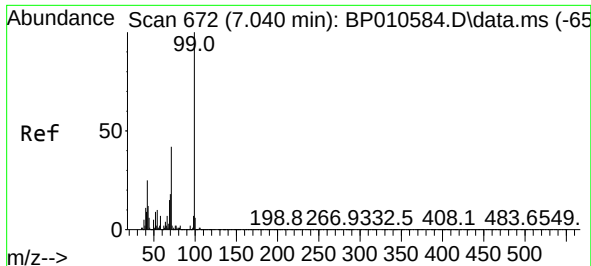
Tgt Ion:152 Resp: 140723
Ion Ratio Lower Upper
152 100
150 151.7 123.4 185.2
115 62.4 51.3 76.9



#5
2-Fluorophenol
Concen: 57.925 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:112 Resp: 446824
Ion Ratio Lower Upper
112 100
64 68.4 56.9 85.3
63 37.6 31.2 46.8

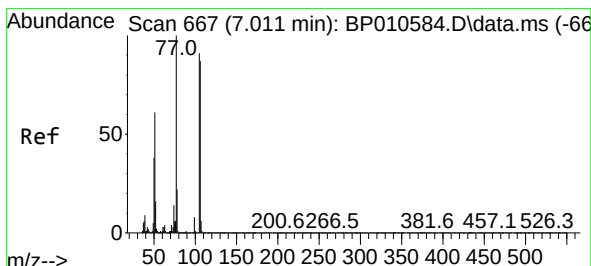
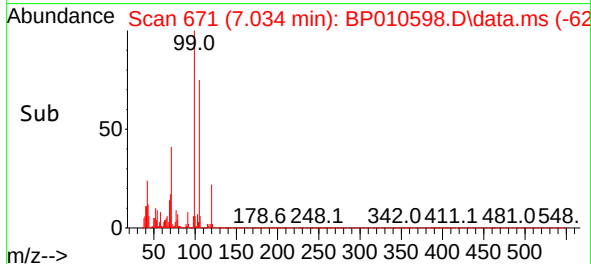
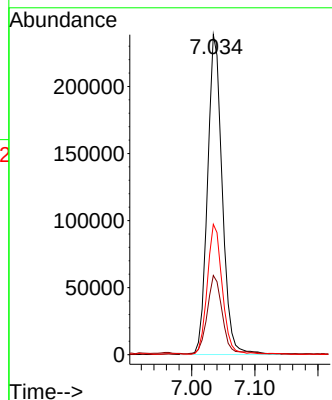
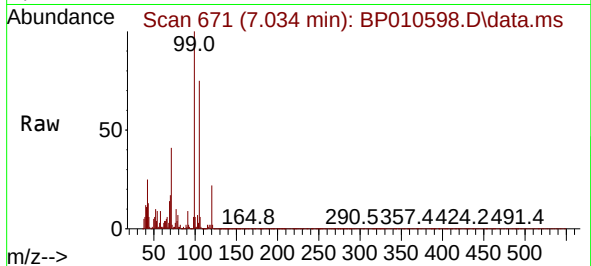




#7
Phenol-d6
Concen: 35.260 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

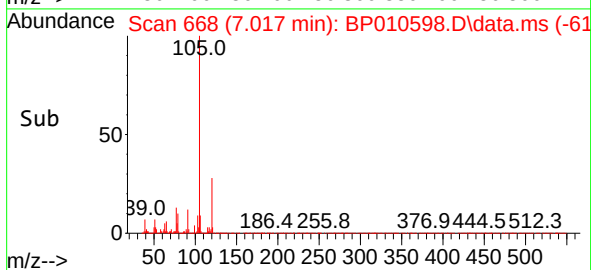
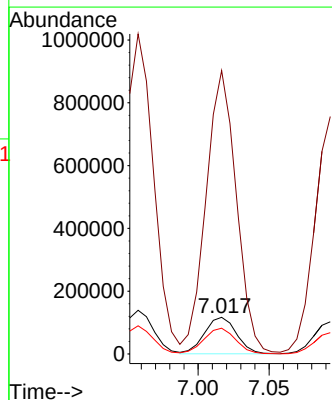
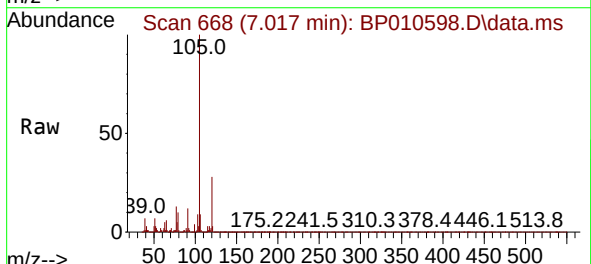
Instrument :
BNA_P
ClientSampleId :
MW-03

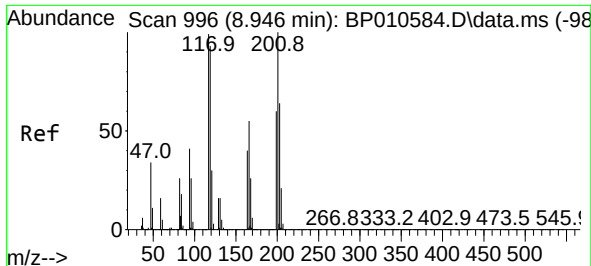
Tgt Ion: 99 Resp: 386128
Ion Ratio Lower Upper
99 100
42 24.8 20.3 30.5
71 40.8 33.9 50.9



#9
Benzaldehyde
Concen: 25.417 ng
RT: 7.017 min Scan# 668
Delta R.T. 0.006 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion: 77 Resp: 183165
Ion Ratio Lower Upper
77 100
105 773.1 71.4 111.4#
106 70.6 66.9 106.9

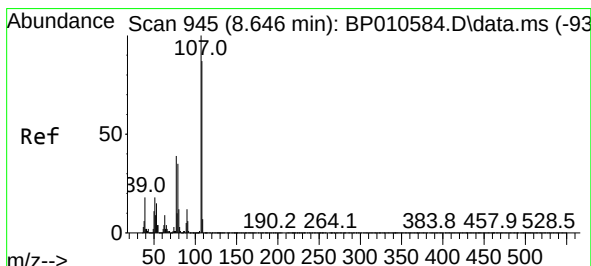
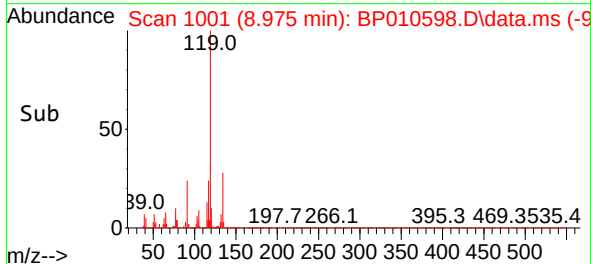
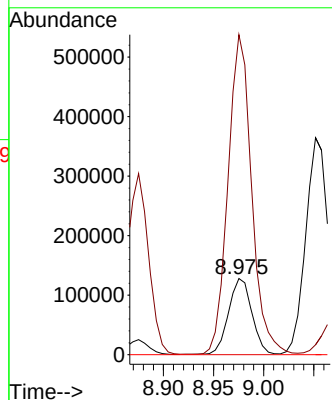
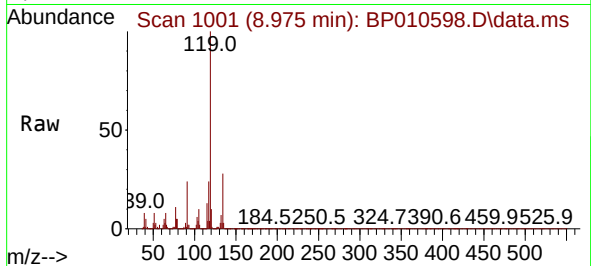




#18
Hexachloroethane
Concen: 51.710 ng
RT: 8.975 min Scan# 1001
Delta R.T. 0.029 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

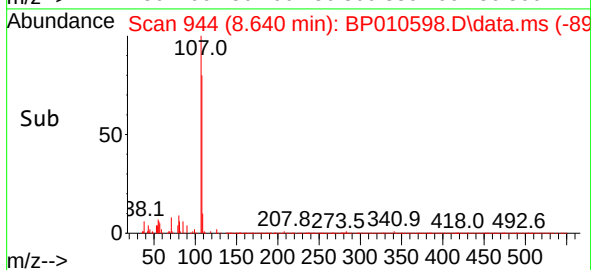
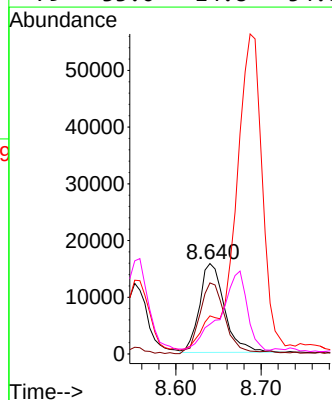
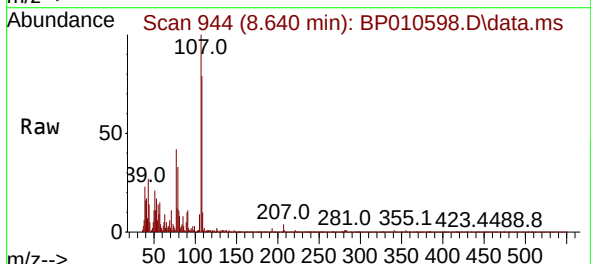
Instrument :
BNA_P
ClientSampleId :
MW-03

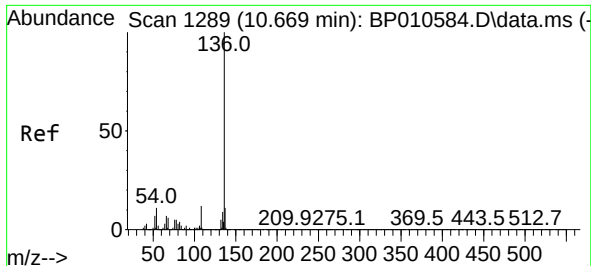
Tgt Ion:117 Resp: 206794
Ion Ratio Lower Upper
117 100
119 420.2 75.6 113.4#
201 0.0 80.9 121.3#



#20
3+4-Methylphenols
Concen: 3.070 ng
RT: 8.640 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:107 Resp: 32078
Ion Ratio Lower Upper
107 100
108 78.6 67.1 107.1
77 42.1 19.2 59.2
79 33.0 14.8 54.8

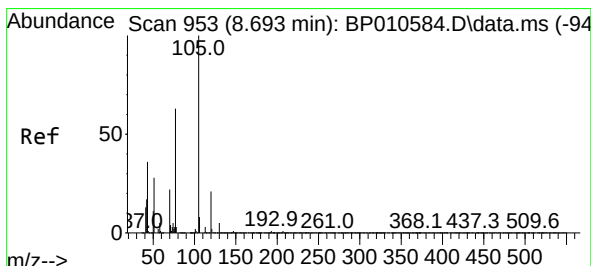
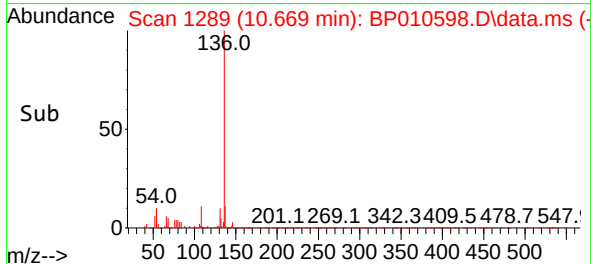
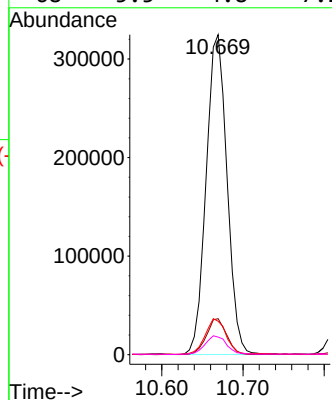
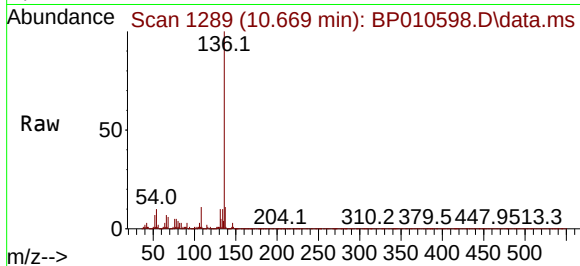




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

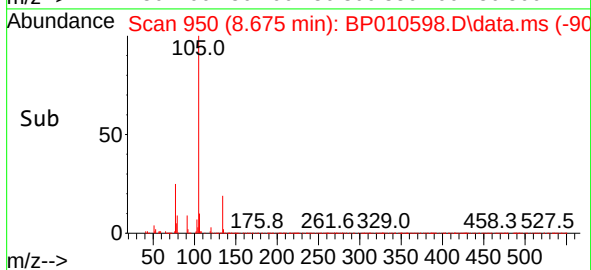
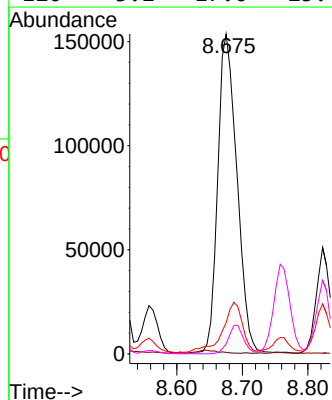
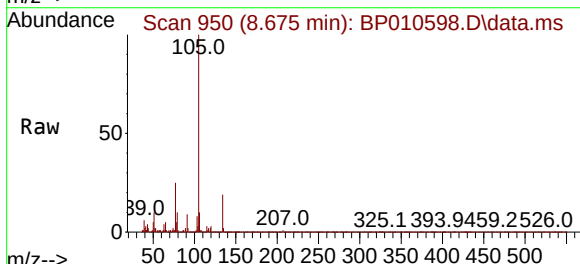
Instrument :
BNA_P
ClientSampleId :
MW-03

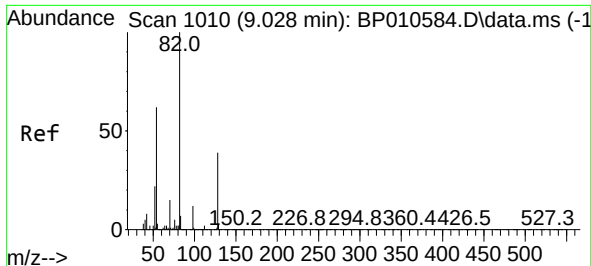
Tgt Ion:	136	Resp:	579502
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.5	8.7	13.1
68	5.5	4.8	7.2



#22
Acetophenone
Concen: 20.467 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.018 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:	105	Resp:	309310
Ion	Ratio	Lower	Upper
105	100		
71	0.5	3.4	5.0#
51	9.8	29.5	44.3#
120	3.2	17.0	25.4#





#23

Nitrobenzene-d5

Concen: 79.819 ng

RT: 9.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BP010598.D

Acq: 28 May 2022 14:01

Instrument :

BNA_P

ClientSampleId :

MW-03

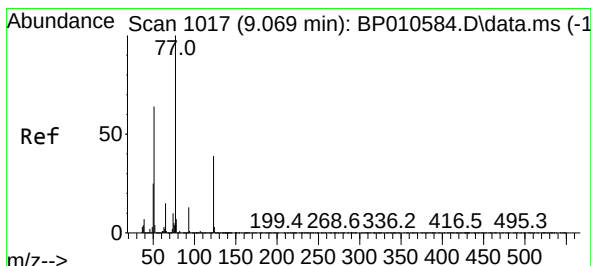
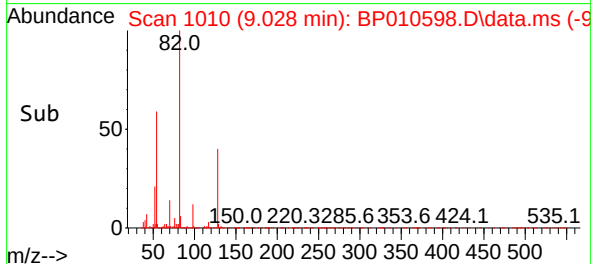
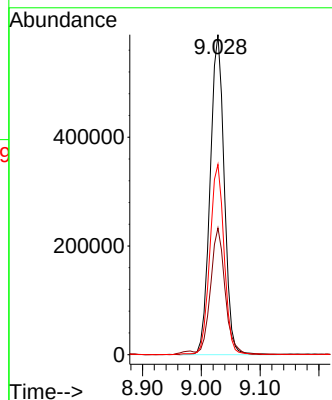
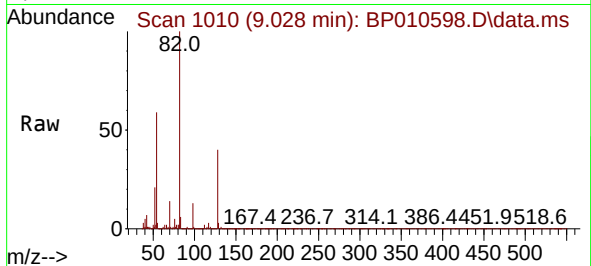
Tgt Ion: 82 Resp: 978361

Ion Ratio Lower Upper

82 100

128 39.6 31.3 46.9

54 59.4 49.8 74.8



#24

Nitrobenzene

Concen: 3.342 ng

RT: 9.052 min Scan# 1014

Delta R.T. -0.017 min

Lab File: BP010598.D

Acq: 28 May 2022 14:01

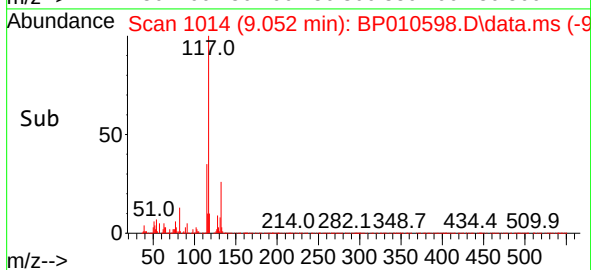
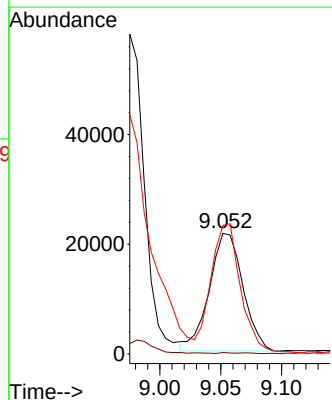
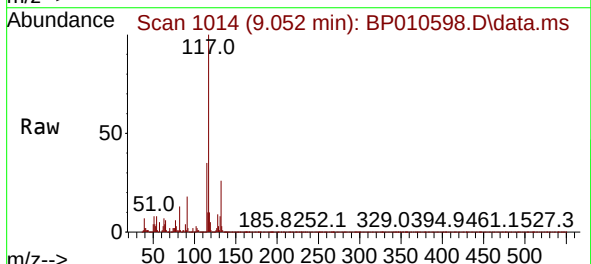
Tgt Ion: 77 Resp: 41381

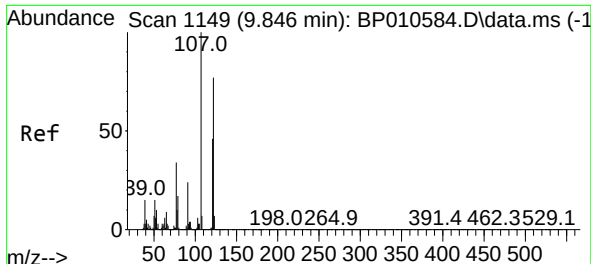
Ion Ratio Lower Upper

77 100

123 1.2 31.1 46.7#

65 106.4 12.1 18.1#





#27

2,4-Dimethylphenol

Concen: 19.544 ng

RT: 9.846 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BP010598.D

Acq: 28 May 2022 14:01

Instrument :

BNA_P

ClientSampleId :

MW-03

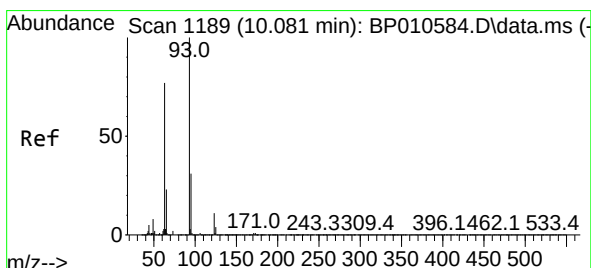
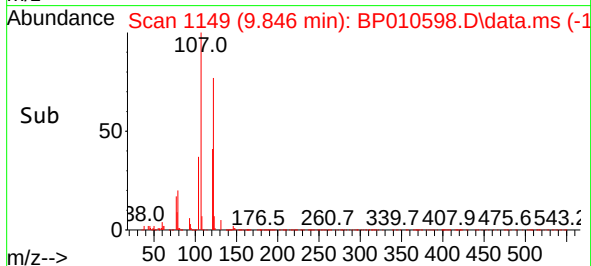
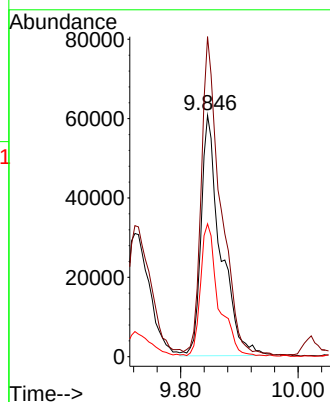
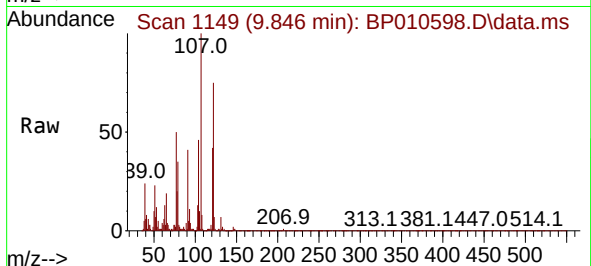
Tgt Ion:122 Resp: 140189

Ion Ratio Lower Upper

122 100

107 132.6 103.5 155.3

121 55.1 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 3.214 ng

RT: 10.099 min Scan# 1192

Delta R.T. 0.018 min

Lab File: BP010598.D

Acq: 28 May 2022 14:01

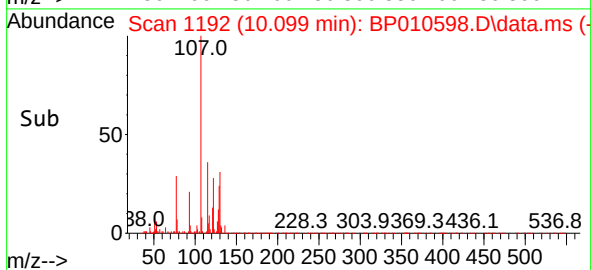
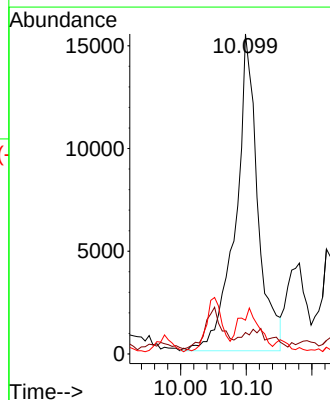
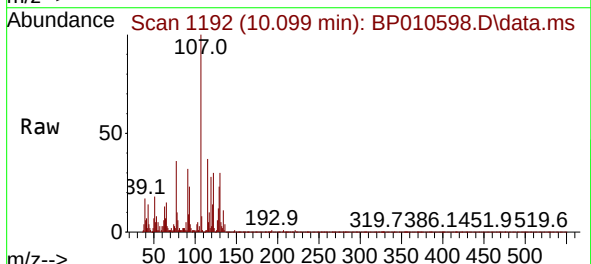
Tgt Ion: 93 Resp: 36360

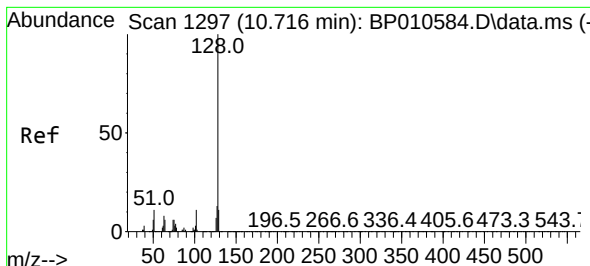
Ion Ratio Lower Upper

93 100

95 6.7 25.0 37.6#

123 10.5 9.0 13.6





#31

Naphthalene

Concen: 191.019 ng

RT: 10.722 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BP010598.D

Acq: 28 May 2022 14:01

Instrument :

BNA_P

ClientSampleId :

MW-03

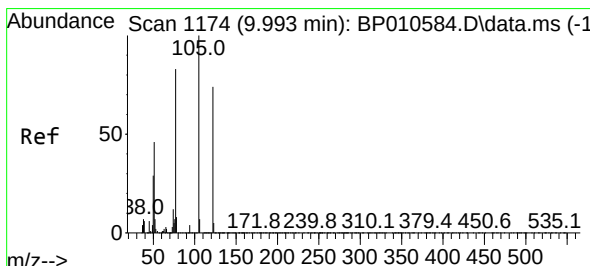
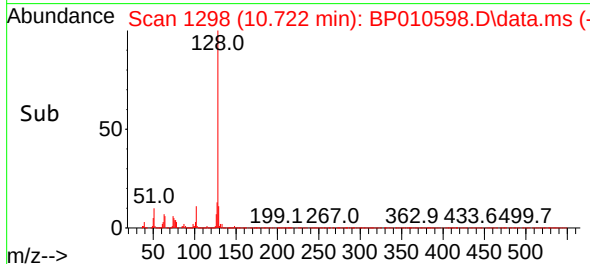
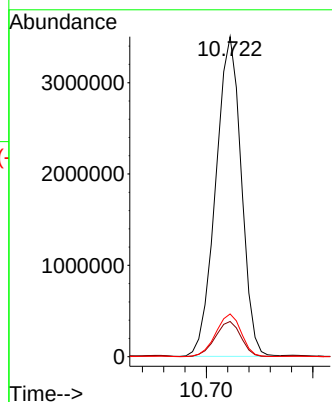
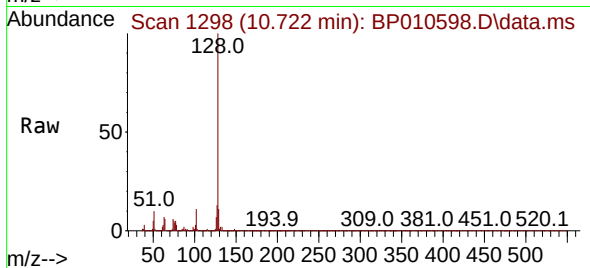
Tgt Ion:128 Resp: 5831518

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 13.3 10.3 15.5



#32

Benzoic acid

Concen: 15.538 ng

RT: 10.105 min Scan# 1193

Delta R.T. 0.112 min

Lab File: BP010598.D

Acq: 28 May 2022 14:01

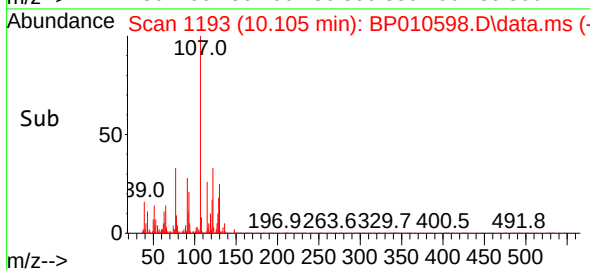
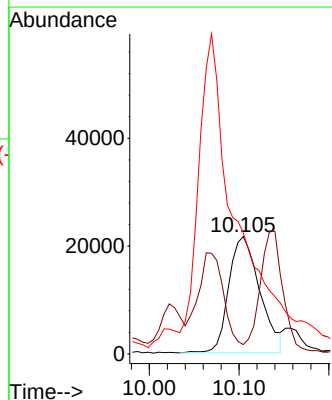
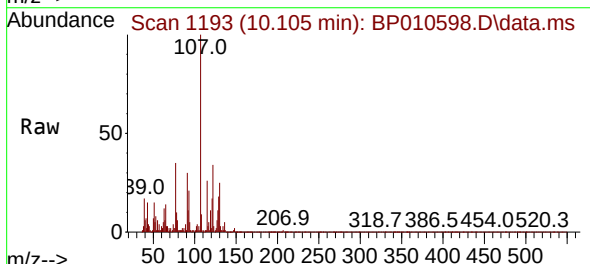
Tgt Ion:122 Resp: 52005

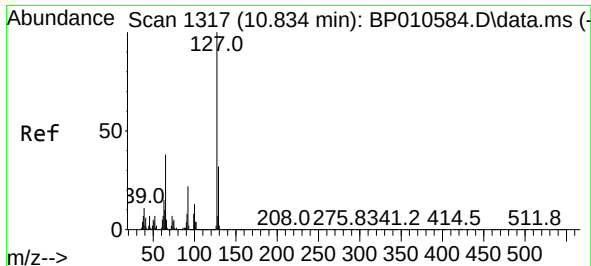
Ion Ratio Lower Upper

122 100

105 8.0 112.6 152.6#

77 103.3 90.2 130.2

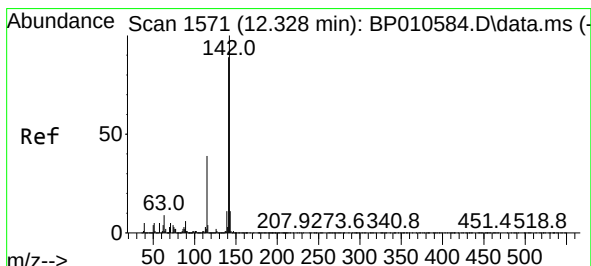
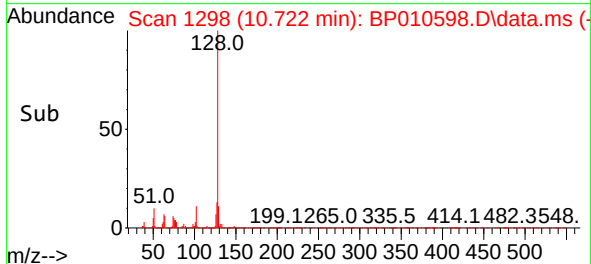
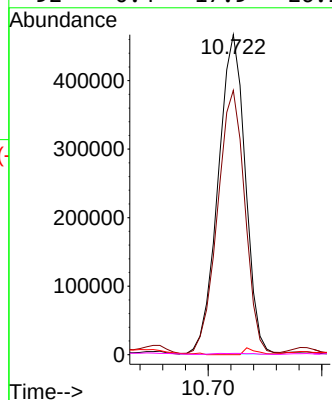
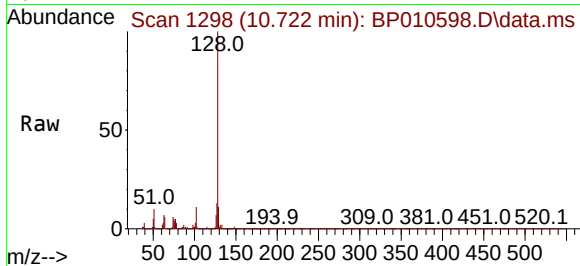




#33
4-Chloroaniline
Concen: 65.731 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

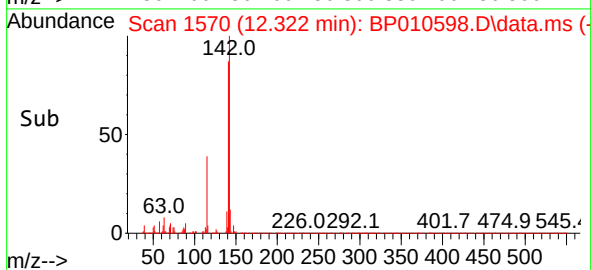
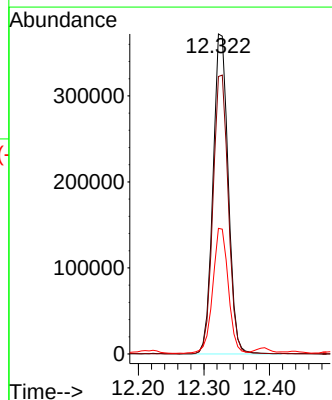
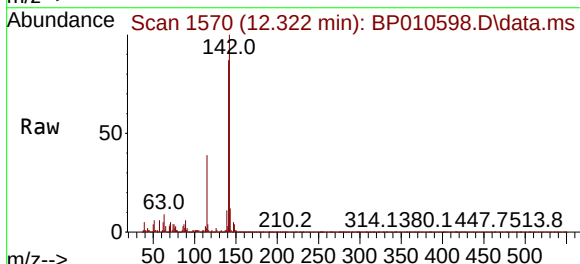
Instrument :
BNA_P
ClientSampleId :
MW-03

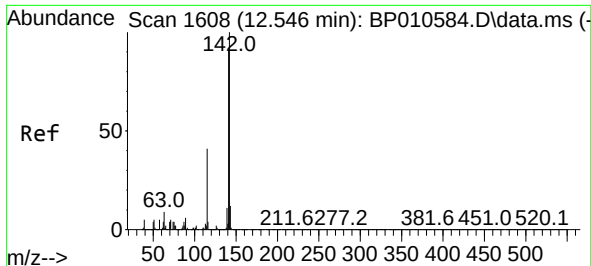
Tgt Ion:127	Resp: 775182
Ion Ratio	Lower Upper
127 100	
129 82.6	25.4 38.2#
65 0.0	30.4 45.6#
92 0.4	17.9 26.9#



#37
2-Methylnaphthalene
Concen: 28.099 ng
RT: 12.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:142	Resp: 598566
Ion Ratio	Lower Upper
142 100	
141 86.7	71.3 106.9
115 39.2	31.4 47.2

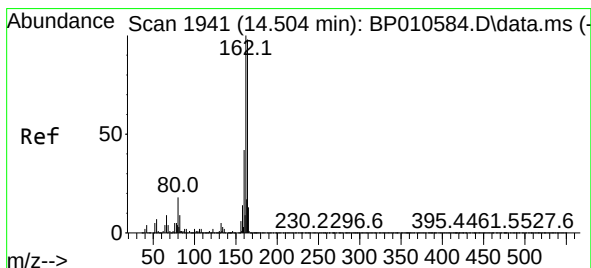
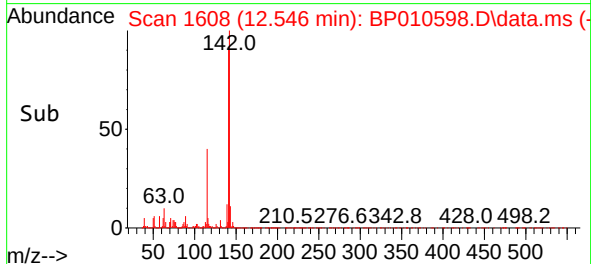
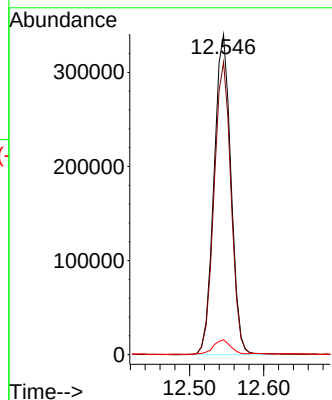
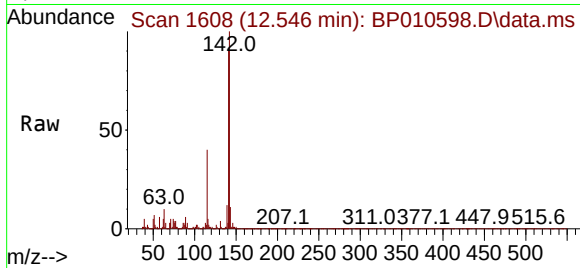




#38
1-Methylnaphthalene
Concen: 26.021 ng
RT: 12.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

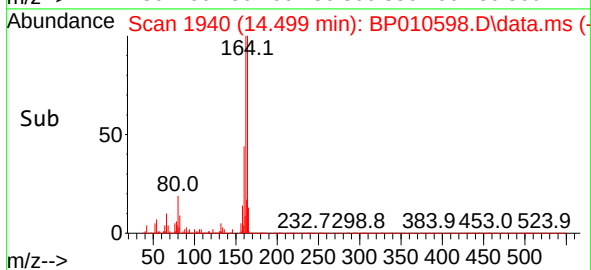
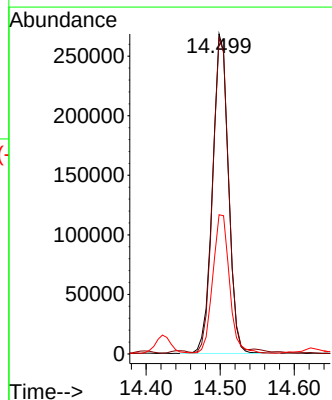
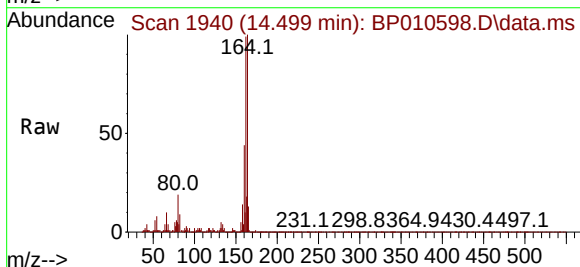
Instrument :
BNA_P
ClientSampleId :
MW-03

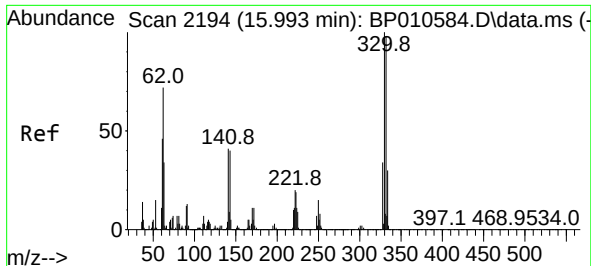
Tgt Ion:142 Resp: 541318
Ion Ratio Lower Upper
142 100
141 91.4 72.6 108.8
116 4.6 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.499 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:164 Resp: 400515
Ion Ratio Lower Upper
164 100
162 98.8 81.9 122.9
160 43.5 34.6 51.8

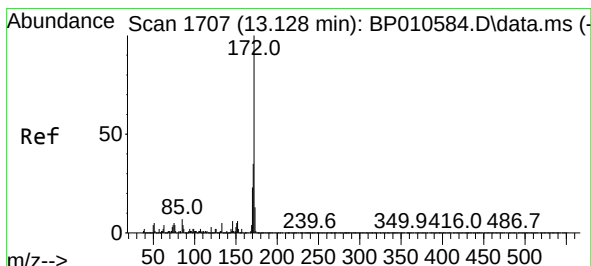
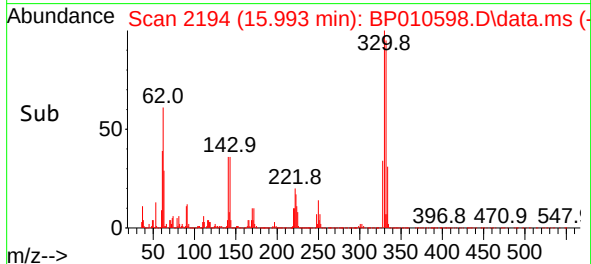
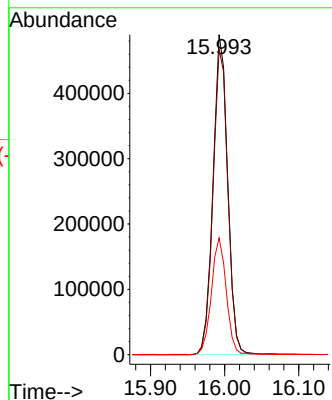
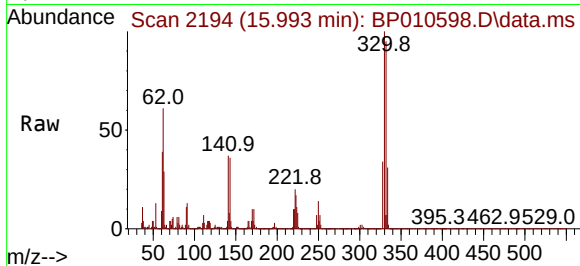




#42
2,4,6-Tribromophenol
Concen: 148.514 ng
RT: 15.993 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

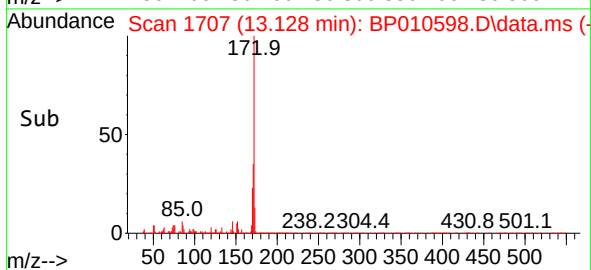
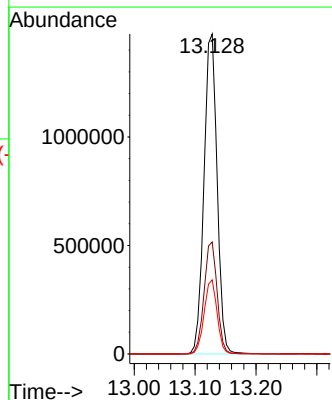
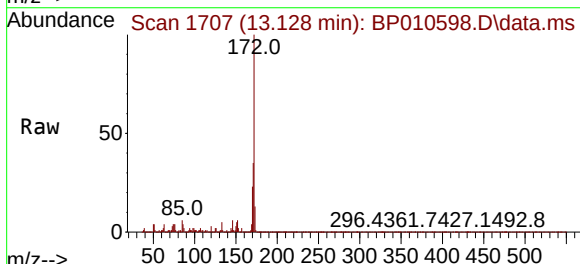
Instrument :
BNA_P
ClientSampleId :
MW-03

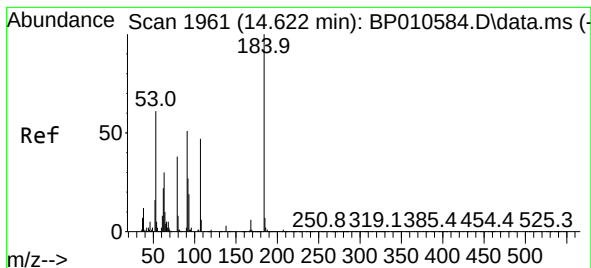
Tgt Ion:330 Resp: 673312
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 36.8 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 78.560 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:172 Resp: 2216983
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.2 18.2 27.2

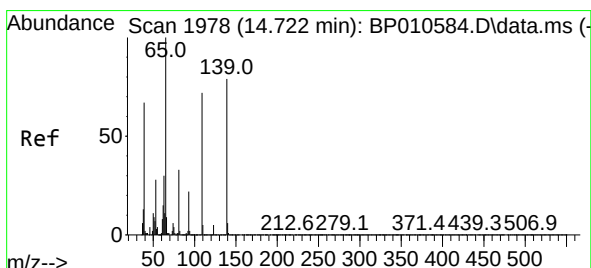
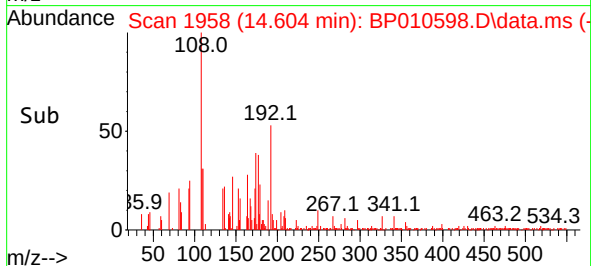
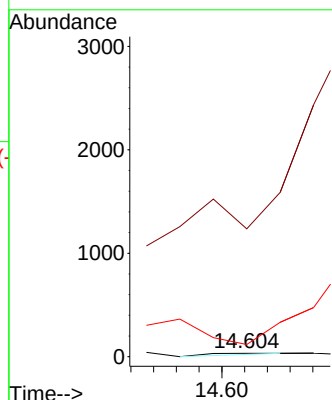
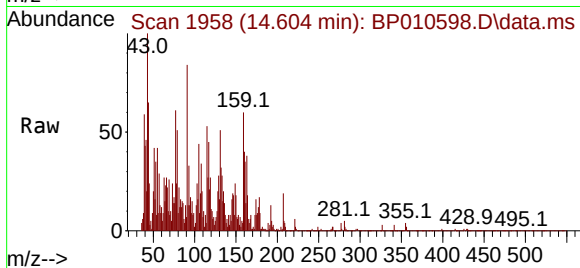




#54
2,4-Dinitrophenol
Concen: 6.650 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

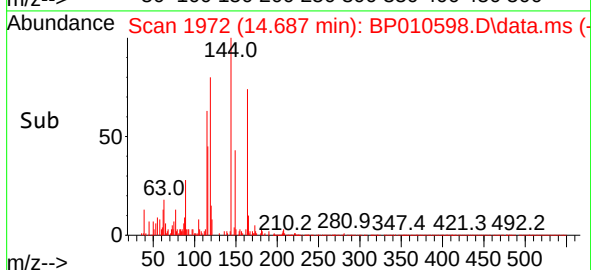
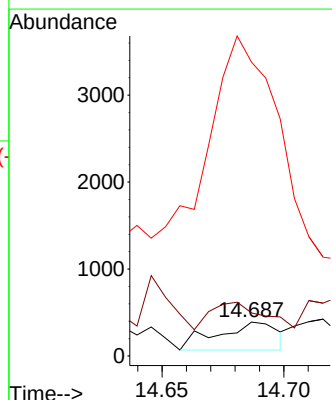
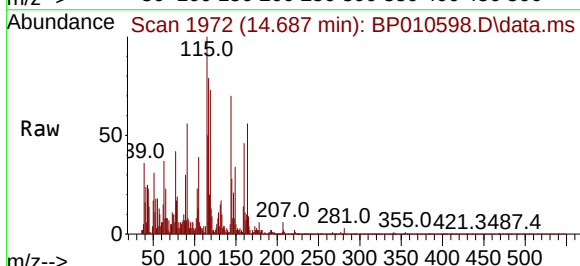
Instrument :
BNA_P
ClientSampleId :
MW-03

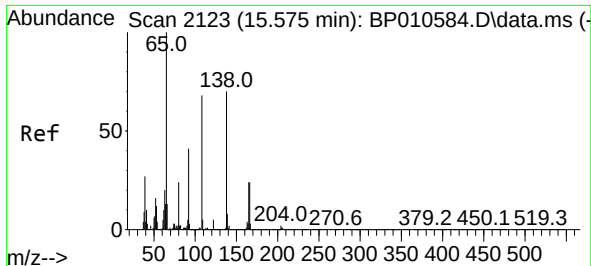
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 3745.5 65.4 98.2#
154 354.5 55.4 83.2#



#56
4-Nitrophenol
Concen: 3.702 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.035 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:139 Resp: 553
Ion Ratio Lower Upper
139 100
109 126.9 70.6 110.6#
65 866.7 106.6 146.6#

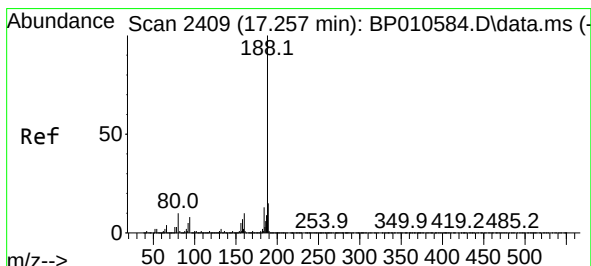
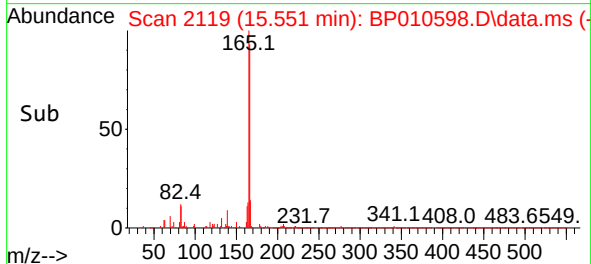
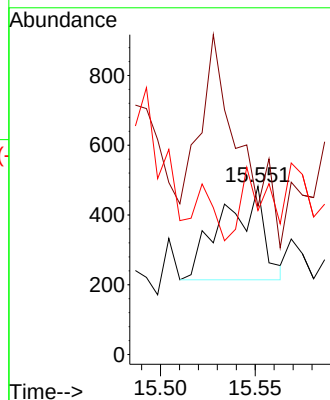
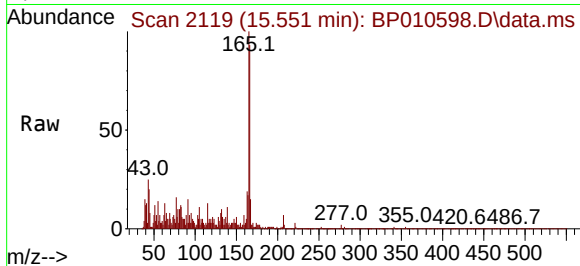




#62
4-Nitroaniline
Concen: 2.194 ng
RT: 15.551 min Scan# 2123
Delta R.T. -0.024 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

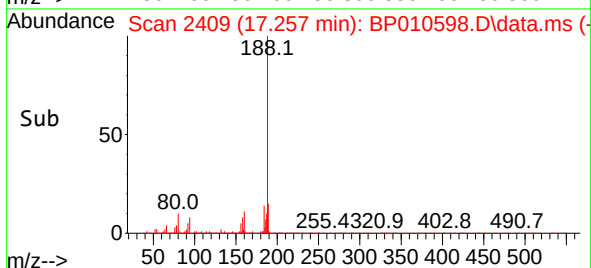
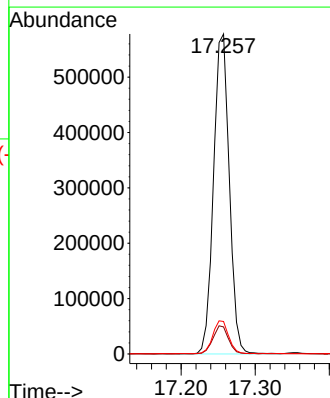
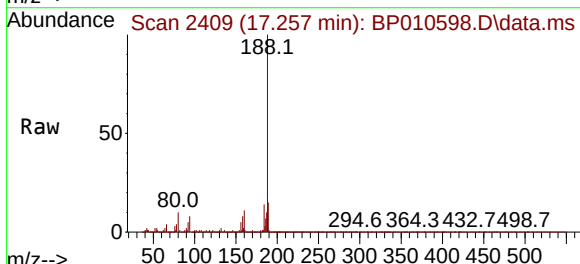
Instrument :
BNA_P
ClientSampleId :
MW-03

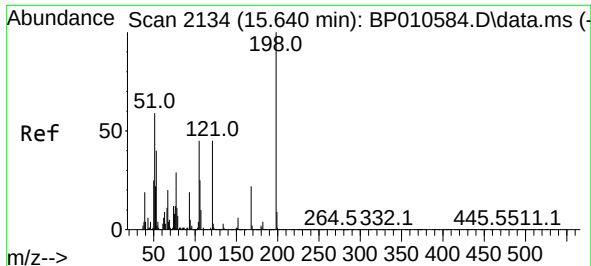
Tgt Ion:138 Resp: 411
Ion Ratio Lower Upper
138 100
92 88.2 38.0 78.0#
108 85.7 77.6 117.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:188 Resp: 850944
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 10.1 8.0 12.0

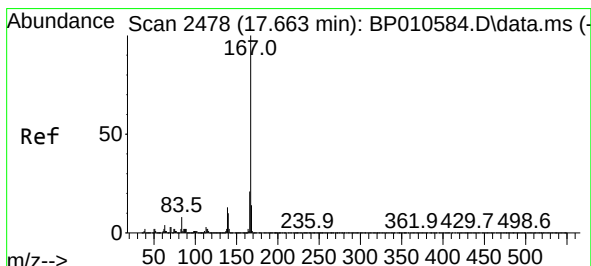
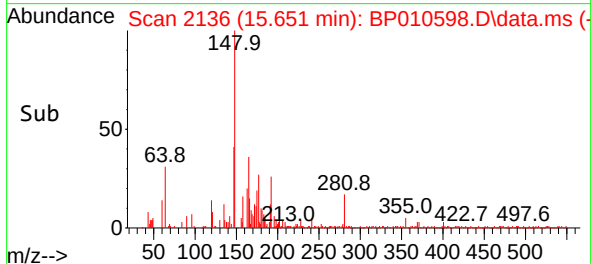
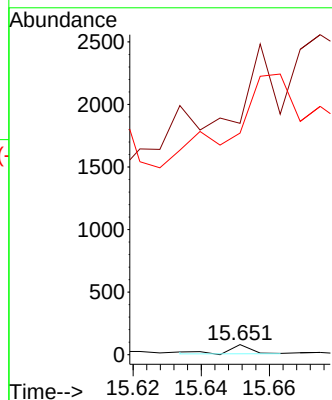
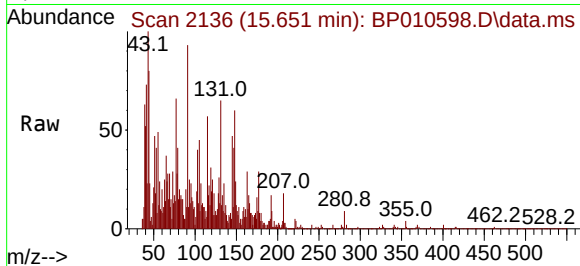




#65
4,6-Dinitro-2-methylphenol
Concen: 4.608 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.011 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

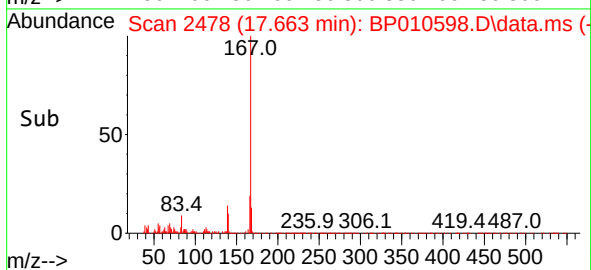
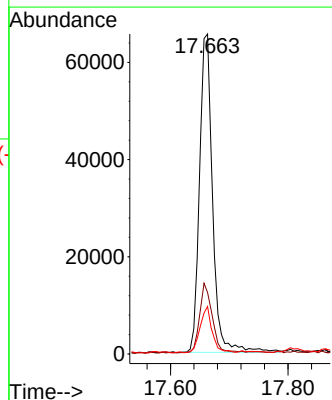
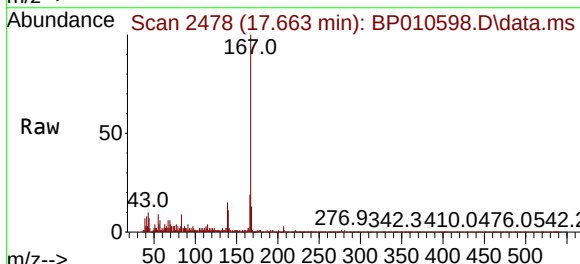
Instrument :
BNA_P
ClientSampleId :
MW-03

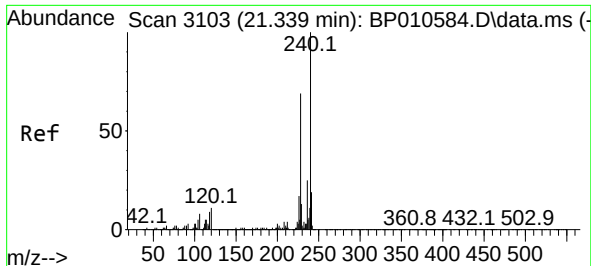
Tgt Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
51 2282.7 41.2 81.2#
105 2187.7 25.3 65.3#



#73
Carbazole
Concen: 2.660 ng
RT: 17.663 min Scan# 2478
Delta R.T. 0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:167 Resp: 101011
Ion Ratio Lower Upper
167 100
166 19.2 16.9 25.3
139 14.9 10.6 15.8

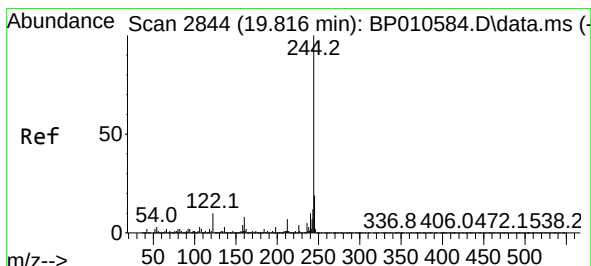
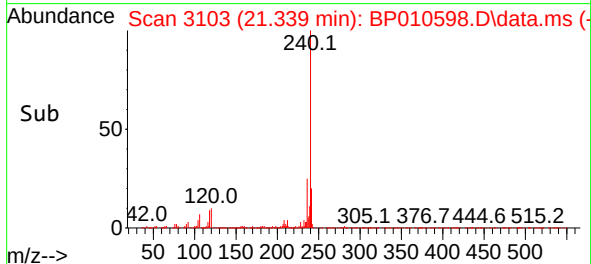
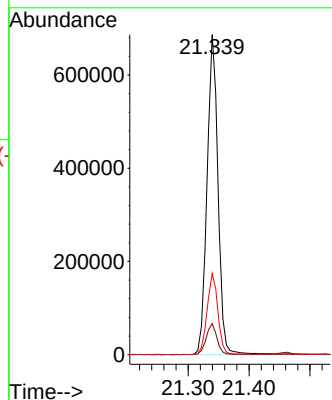
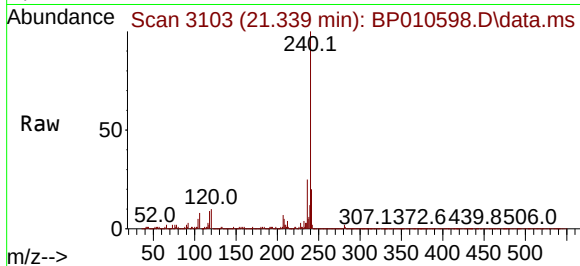




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

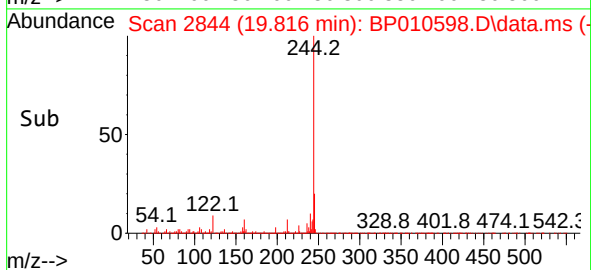
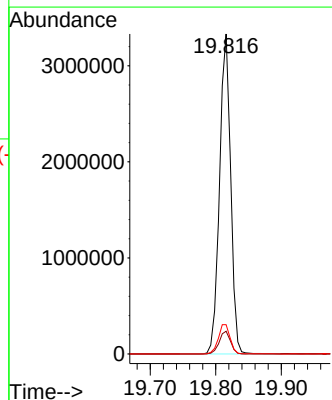
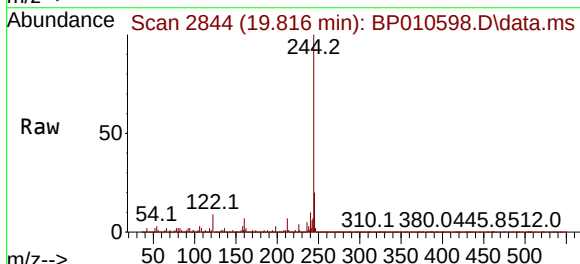
Instrument :
BNA_P
ClientSampleId :
MW-03

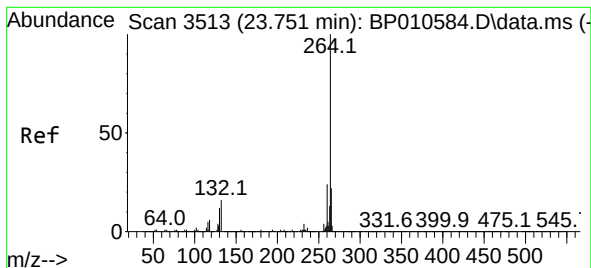
Tgt Ion:240 Resp: 858819
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.4 19.8 29.6



#79
Terphenyl-d14
Concen: 85.206 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:244 Resp: 3895857
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.2 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3513

Delta R.T. 0.000 min

Lab File: BP010598.D

Acq: 28 May 2022 14:01

Instrument :

BNA_P

ClientSampleId :

MW-03

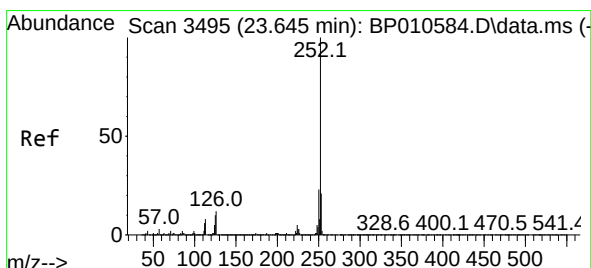
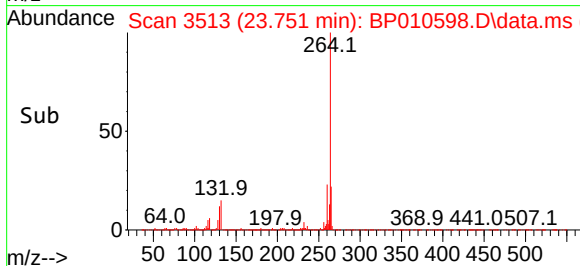
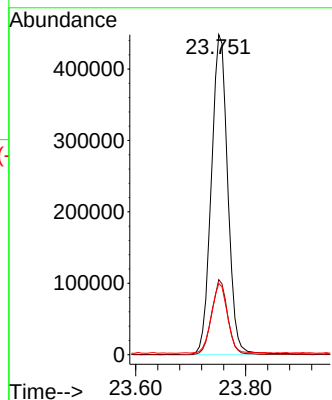
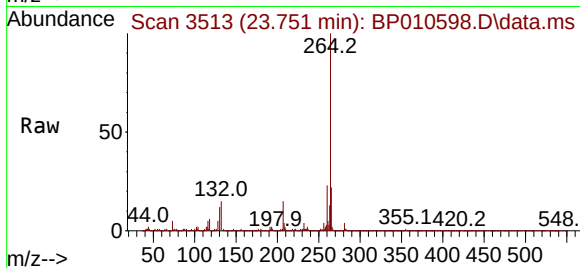
Tgt Ion:264 Resp: 928228

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.3 18.0 27.0



#90

Benzo(a)pyrene

Concen: 2.196 ng

RT: 23.645 min Scan# 3495

Delta R.T. 0.000 min

Lab File: BP010598.D

Acq: 28 May 2022 14:01

Tgt Ion:252 Resp: 106138

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

125 12.9 7.9 11.9#

