

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040522\
 Data File : BP009695.D
 Acq On : 05 Apr 2022 13:21
 Operator : CG/JU
 Sample : N2249-08DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-101RDL

Quant Time: Apr 05 15:04:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 13:35:48 2022
 Response via : Initial Calibration

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

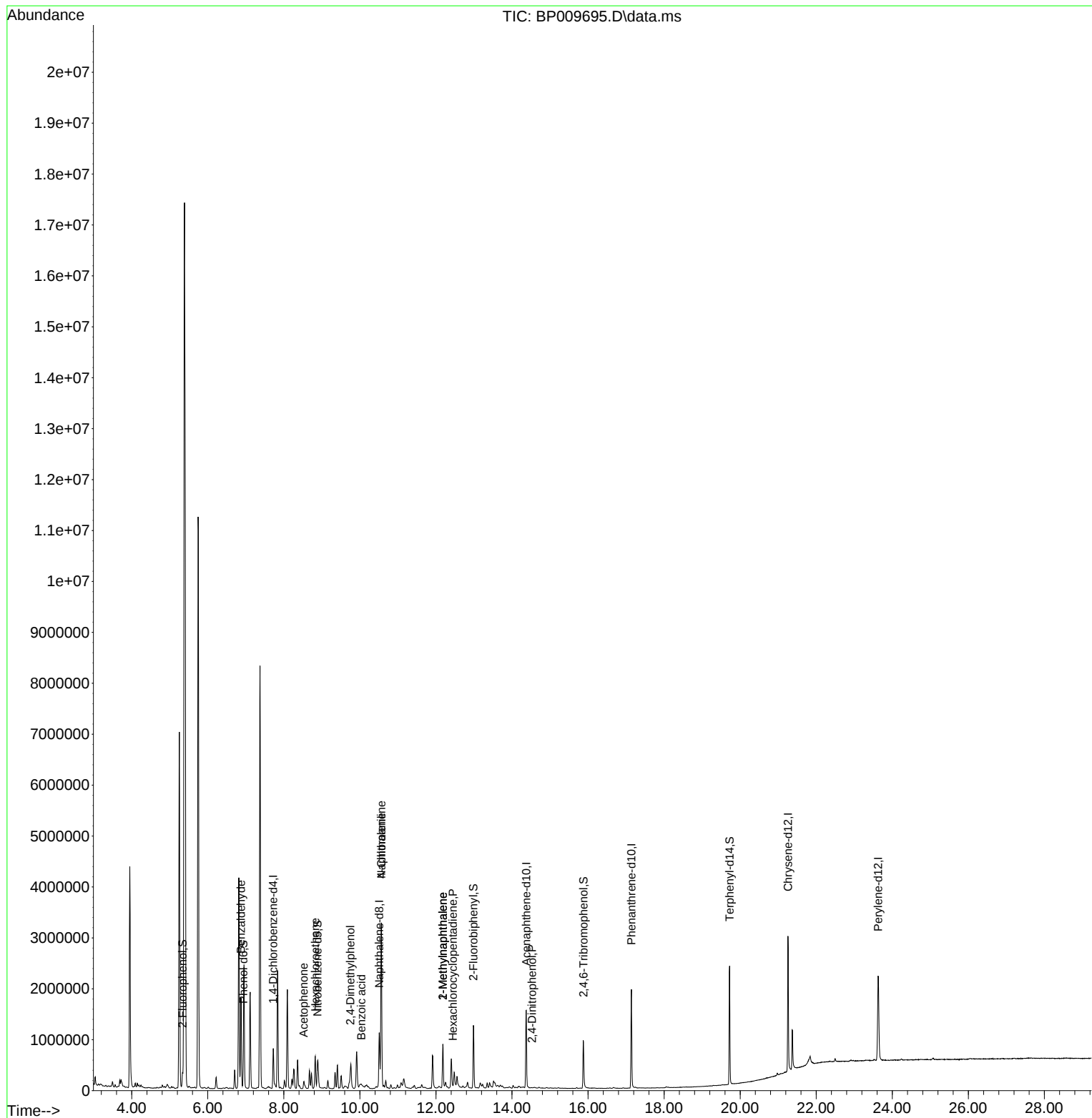
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	238188	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	961644	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	606132	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1304222	20.000	ng	0.00
76) Chrysene-d12	21.257	240	1396840	20.000	ng	0.00
86) Perylene-d12	23.627	264	1456946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	167503	12.278	ng	0.01
7) Phenol-d6	6.934	99	113132	6.132	ng	0.02
23) Nitrobenzene-d5	8.887	82	302310	16.706	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	215461	21.541	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	741247	16.953	ng	0.00
79) Terphenyl-d14	19.722	244	1270355	16.324	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.875	77	144624	13.701	ng	# 1
18) Hexachloroethane	8.828	117	76629	12.180	ng	# 1
22) Acetophenone	8.522	105	116766	4.906	ng	# 62
27) 2,4-Dimethylphenol	9.751	122	110376	8.779	ng	# 90
31) Naphthalene	10.563	128	2811297	56.755	ng	100
32) Benzoic acid	10.040	122	26078	2.653	ng	# 31
33) 4-Chloroaniline	10.563	127	365605	18.088	ng	# 32
37) 2-Methylnaphthalene	12.181	142	452885	13.031	ng	99
38) 1-Methylnaphthalene	12.181	142	452885	13.376	ng	96
41) Hexachlorocyclopentadiene	12.445	237	55	7.294	ng	76
54) 2,4-Dinitrophenol	14.528	184	55	4.541	ng	# 1

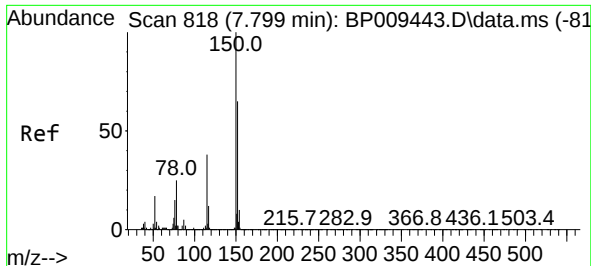
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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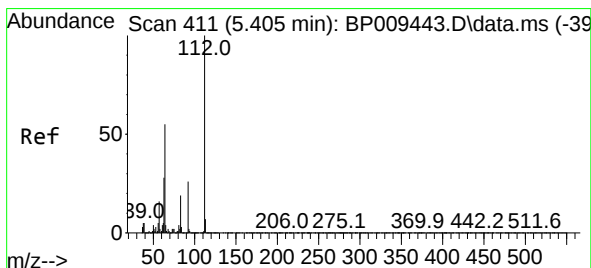
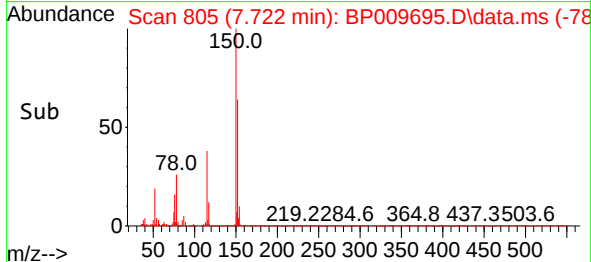
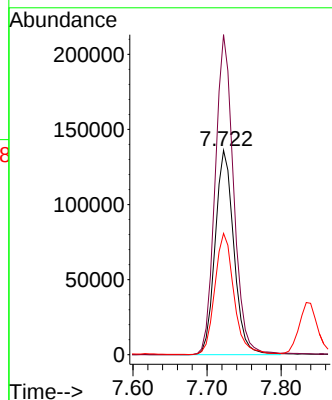
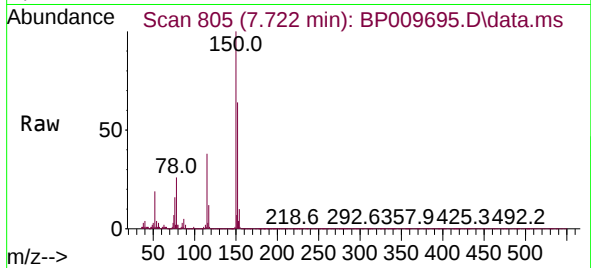




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

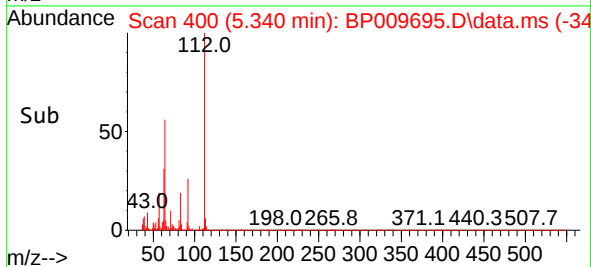
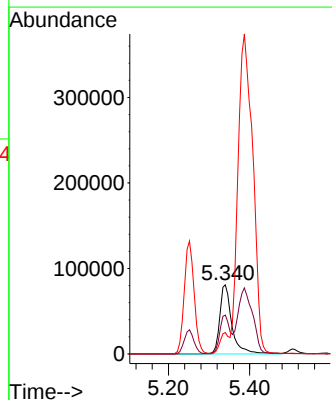
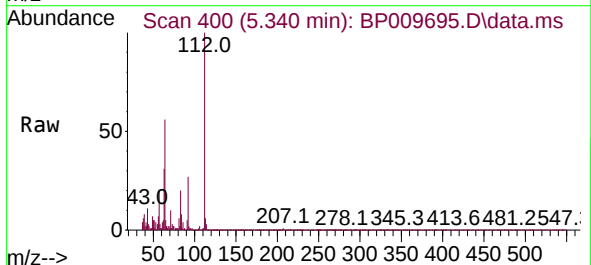
Instrument :
BNA_P
ClientSampleId :
MW-101RDL

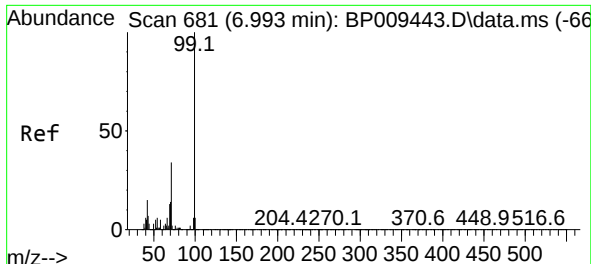
Tgt Ion:152 Resp: 238188
Ion Ratio Lower Upper
152 100
150 156.6 124.5 186.7
115 59.4 48.2 72.4



#5
2-Fluorophenol
Concen: 12.278 ng
RT: 5.340 min Scan# 400
Delta R.T. 0.012 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

Tgt Ion:112 Resp: 167503
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 31.1 23.0 34.6

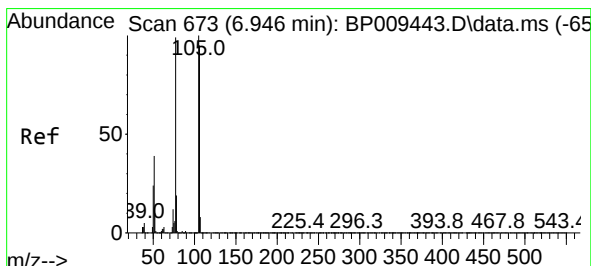
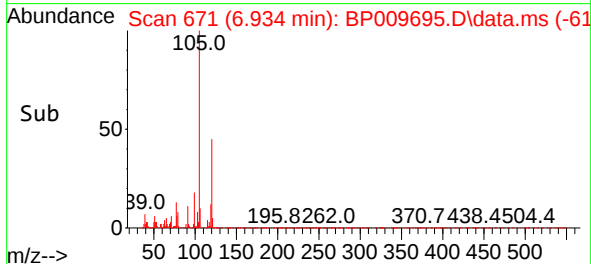
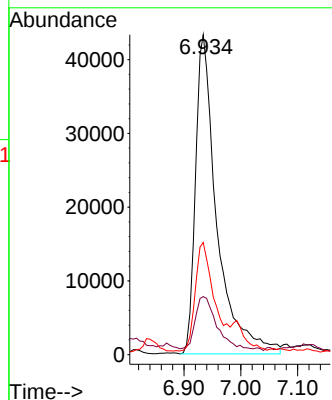
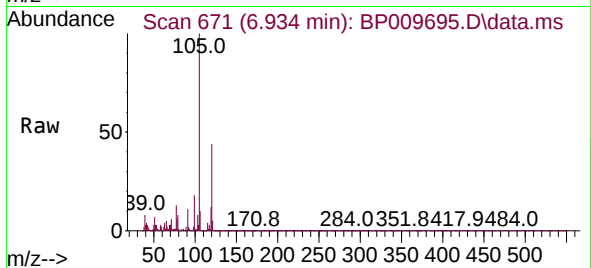




#7
Phenol-d6
Concen: 6.132 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

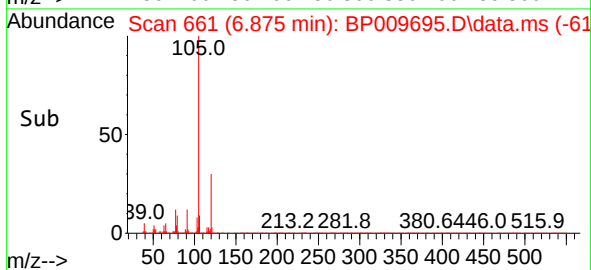
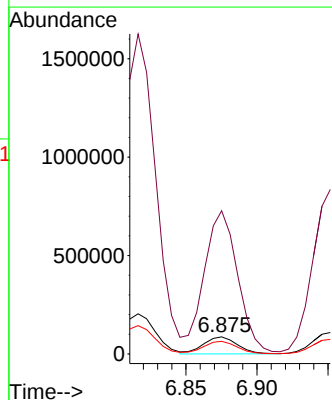
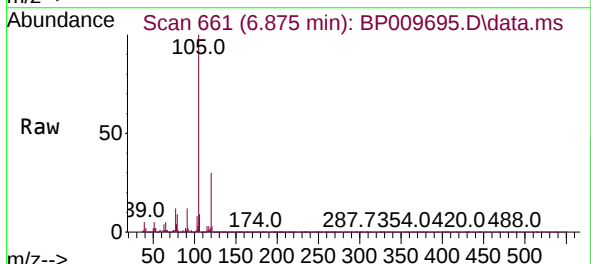
Instrument :
BNA_P
ClientSampleId :
MW-101RDL

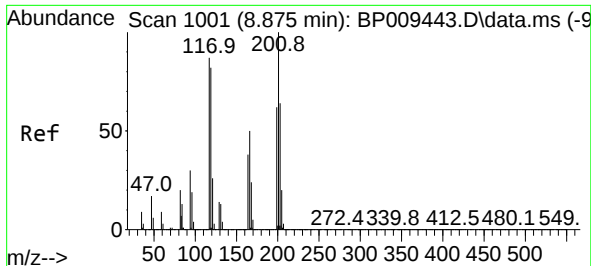
Tgt Ion: 99 Resp: 113132
Ion Ratio Lower Upper
99 100
42 18.1 12.8 19.2
71 35.0 26.3 39.5



#9
Benzaldehyde
Concen: 13.701 ng
RT: 6.875 min Scan# 661
Delta R.T. -0.000 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

Tgt Ion: 77 Resp: 144624
Ion Ratio Lower Upper
77 100
105 839.0 75.2 115.2#
106 73.9 72.3 112.3

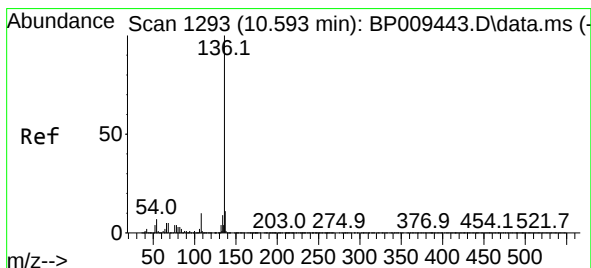
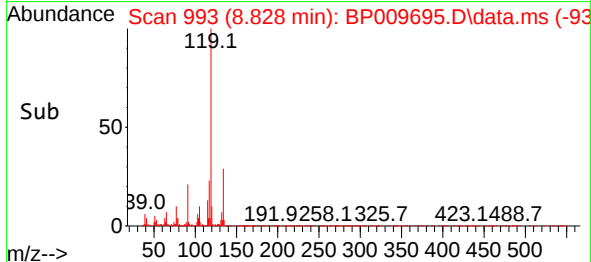
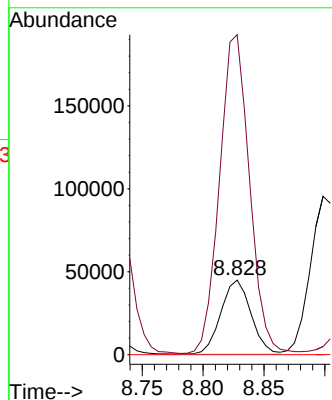
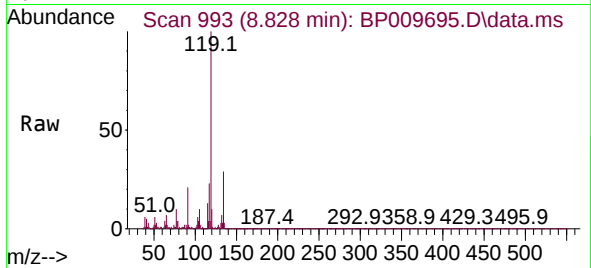




#18
Hexachloroethane
Concen: 12.180 ng
RT: 8.828 min Scan# 91
Delta R.T. 0.035 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

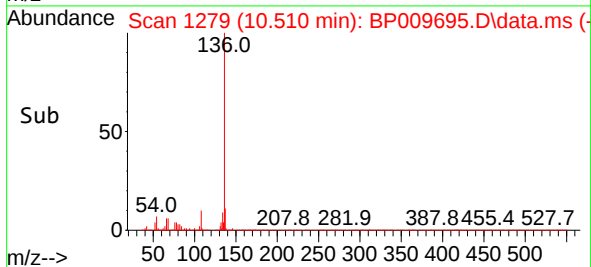
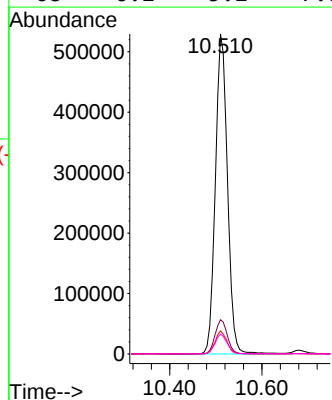
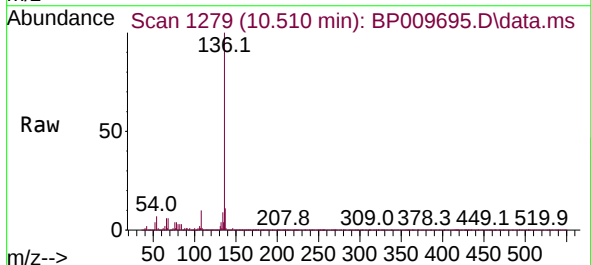
Instrument :
BNA_P
ClientSampleId :
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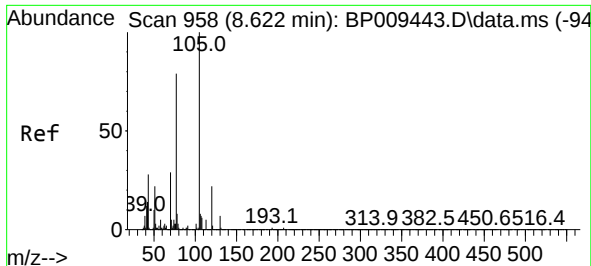
Tgt Ion:117 Resp: 76629
Ion Ratio Lower Upper
117 100
119 429.3 76.4 114.6#
201 0.0 83.4 125.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

Tgt Ion:136 Resp: 961644
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.2 5.8 8.8
68 6.2 5.2 7.8

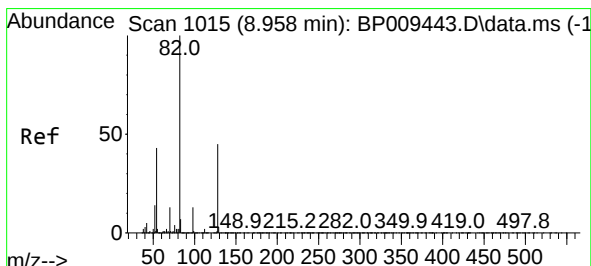
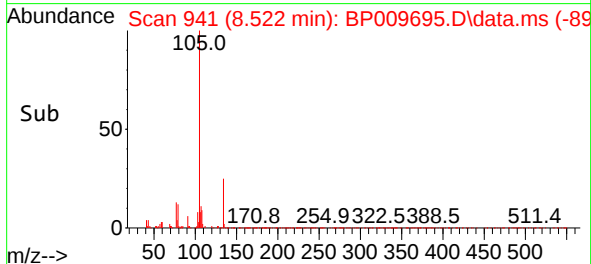
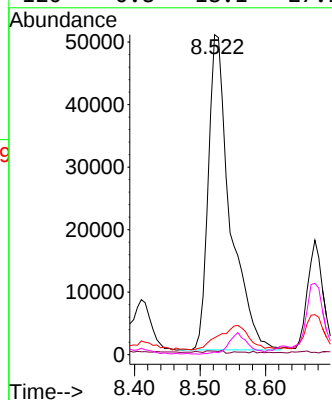
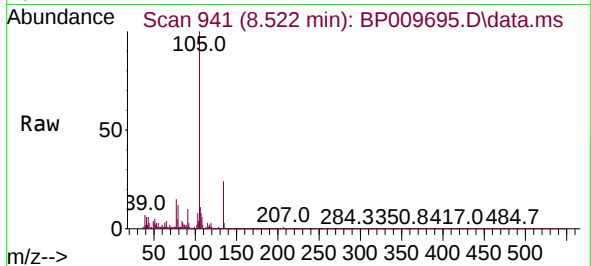




#22
Acetophenone
Concen: 4.906 ng
RT: 8.522 min Scan# 94
Delta R.T. -0.030 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

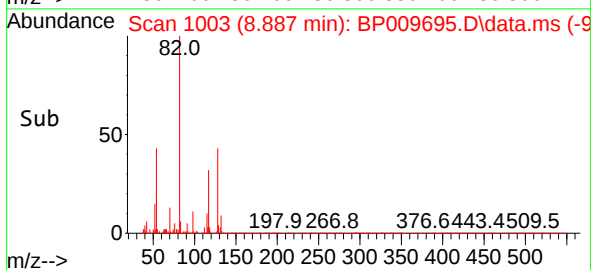
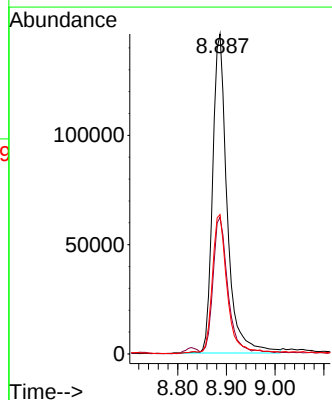
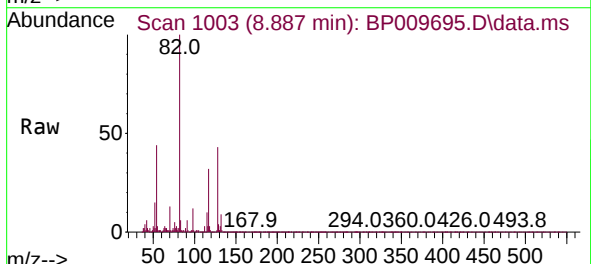
Instrument :
BNA_P
ClientSampleId :
MW-101RDL

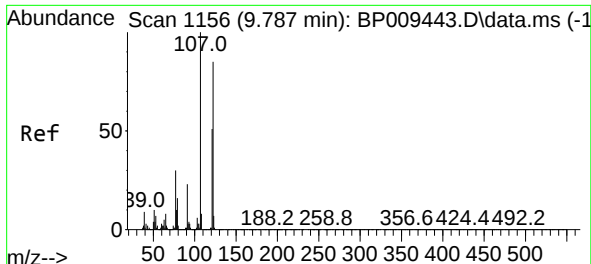
Tgt Ion:105 Resp: 116766
Ion Ratio Lower Upper
105 100
71 1.1 5.5 8.3#
51 5.3 18.9 28.3#
120 0.8 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 16.706 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

Tgt Ion: 82 Resp: 302310
Ion Ratio Lower Upper
82 100
128 42.7 34.2 51.4
54 43.6 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 8.779 ng

RT: 9.751 min Scan# 1156

Delta R.T. 0.041 min

Lab File: BP009695.D

Acq: 05 Apr 2022 13:21

Instrument :

BNA_P

ClientSampleId :

MW-101RDL

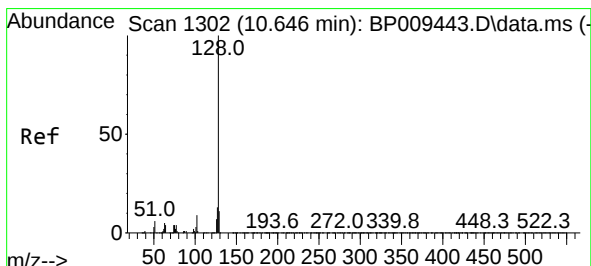
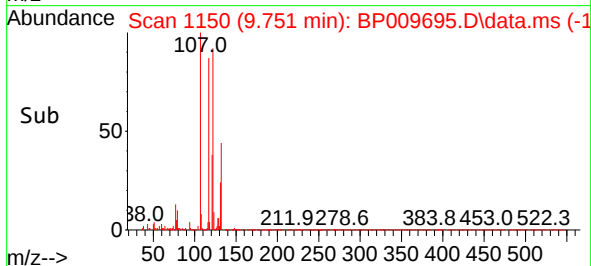
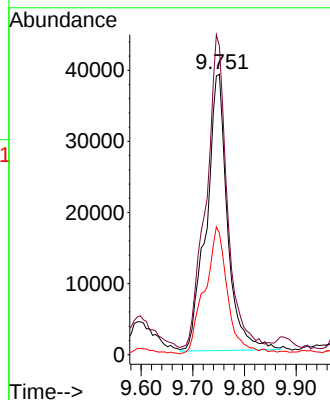
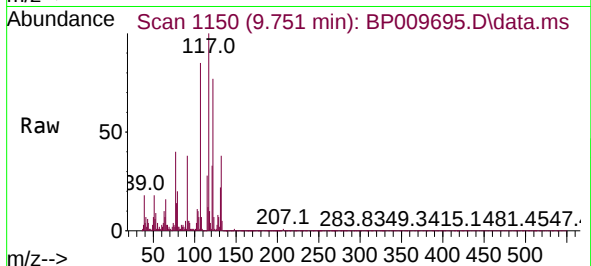
Tgt Ion:122 Resp: 110376

Ion Ratio Lower Upper

122 100

107 110.0 92.6 138.8

121 43.3 46.7 70.1#



#31

Naphthalene

Concen: 56.755 ng

RT: 10.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: BP009695.D

Acq: 05 Apr 2022 13:21

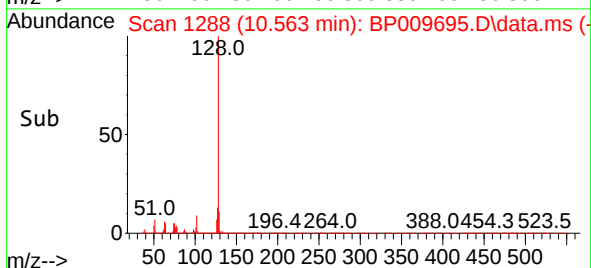
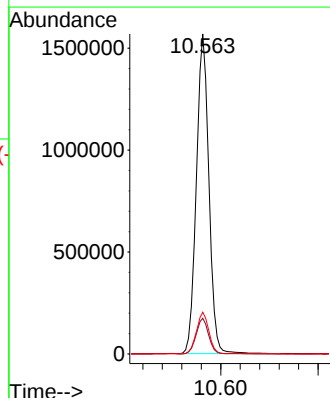
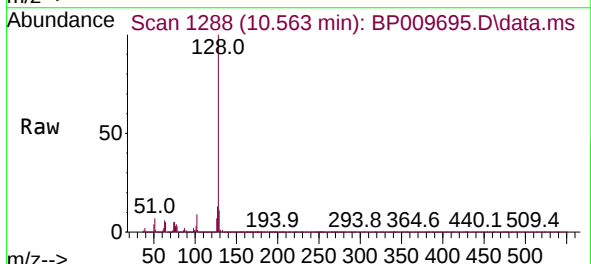
Tgt Ion:128 Resp: 2811297

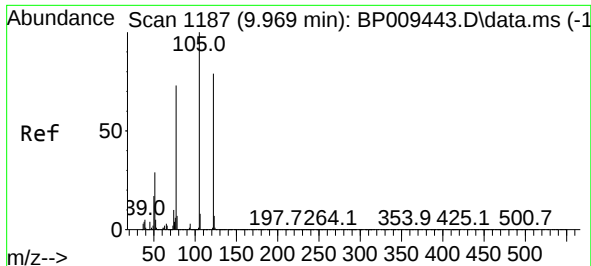
Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.1 10.5 15.7

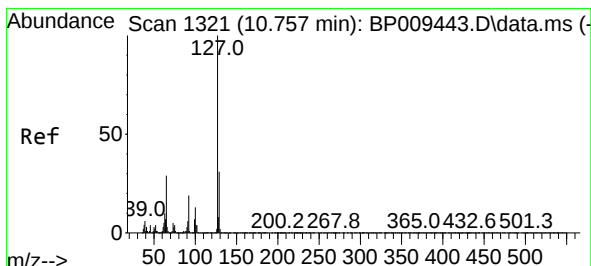
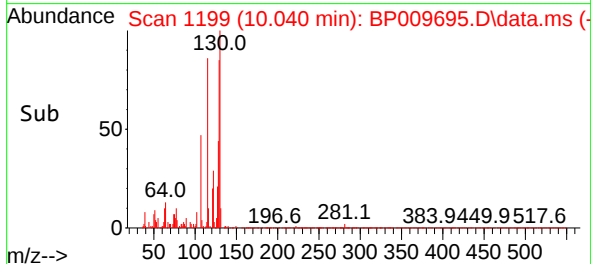
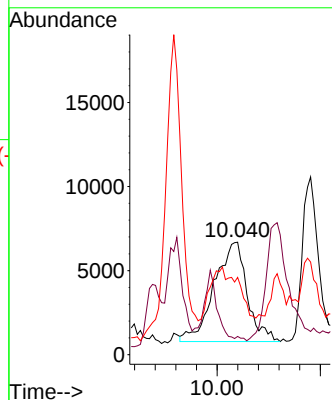
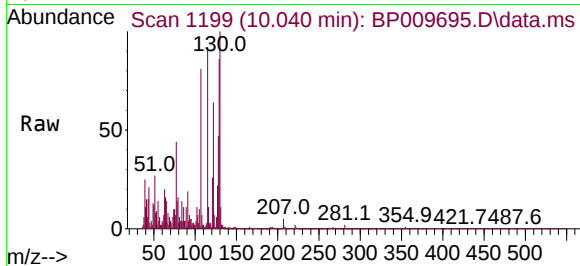




#32
Benzoic acid
Concen: 2.653 ng
RT: 10.040 min Scan# 1187
Delta R.T. 0.123 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

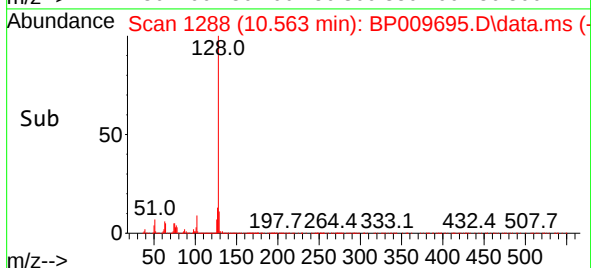
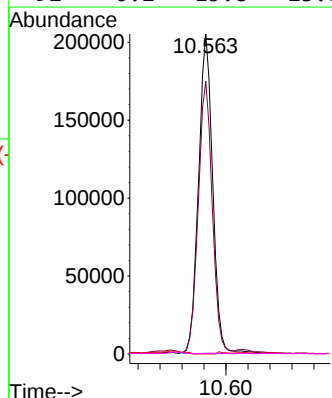
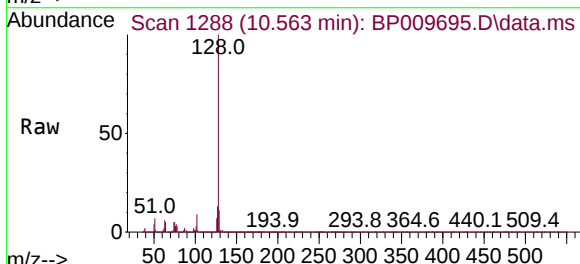
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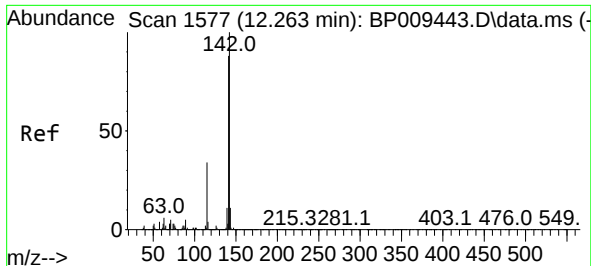
Tgt Ion:122 Resp: 26078
Ion Ratio Lower Upper
122 100
105 16.2 110.5 150.5#
77 68.7 79.9 119.9#



#33
4-Chloroaniline
Concen: 18.088 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.124 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

Tgt Ion:127 Resp: 365605
Ion Ratio Lower Upper
127 100
129 85.2 25.5 38.3#
65 0.0 24.3 36.5#
92 0.2 15.8 23.8#

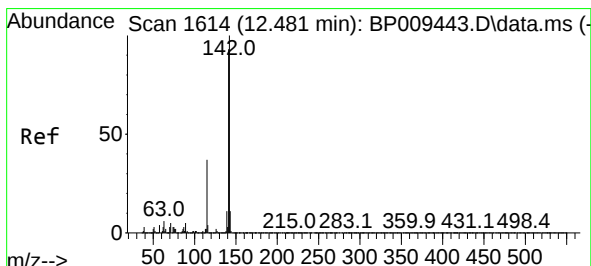
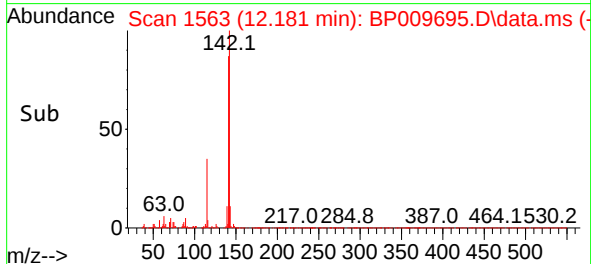
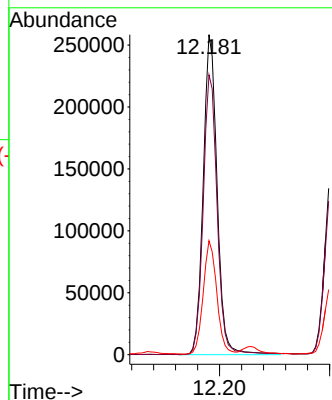
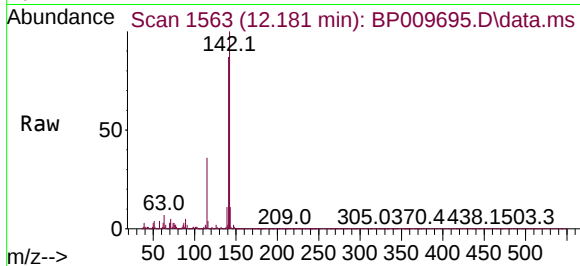




#37
2-Methylnaphthalene
Concen: 13.031 ng
RT: 12.181 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

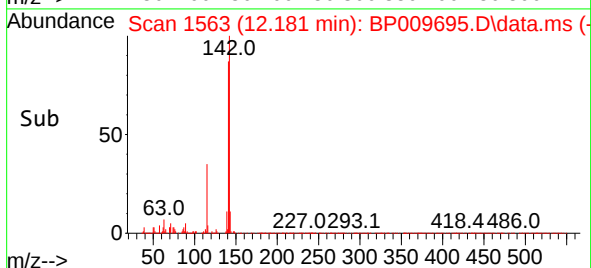
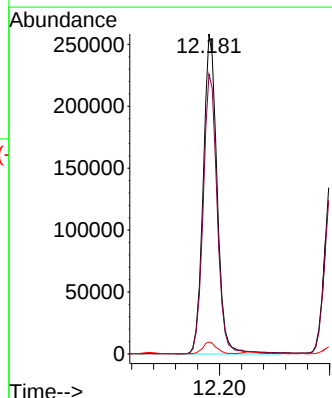
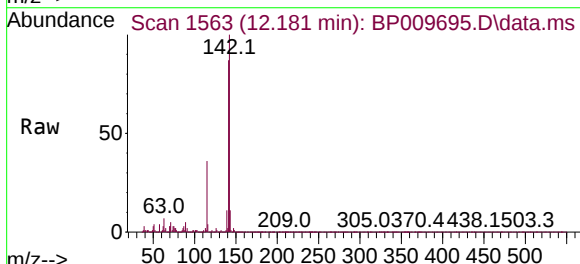
Instrument :
BNA_P
ClientSampleId :
MW-101RDL

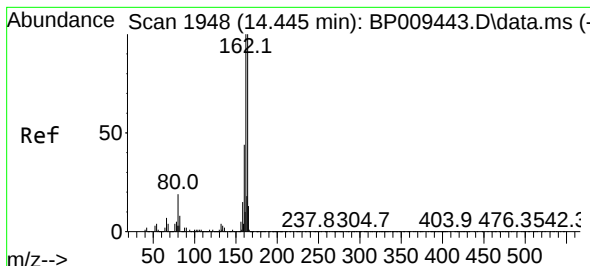
Tgt Ion:142 Resp: 452885
Ion Ratio Lower Upper
142 100
141 87.5 70.2 105.4
115 35.6 27.4 41.2



#38
1-Methylnaphthalene
Concen: 13.376 ng
RT: 12.181 min Scan# 1563
Delta R.T. -0.224 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

Tgt Ion:142 Resp: 452885
Ion Ratio Lower Upper
142 100
141 87.5 73.5 110.3
116 3.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP009695.D

Acq: 05 Apr 2022 13:21

Instrument :

BNA_P

ClientSampleId :

MW-101RDL

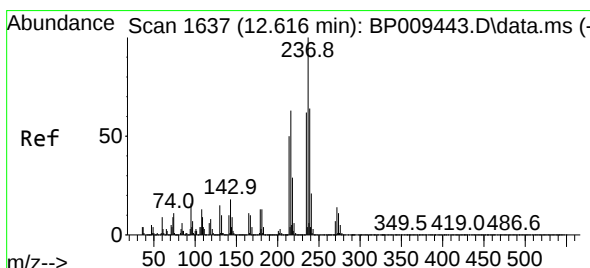
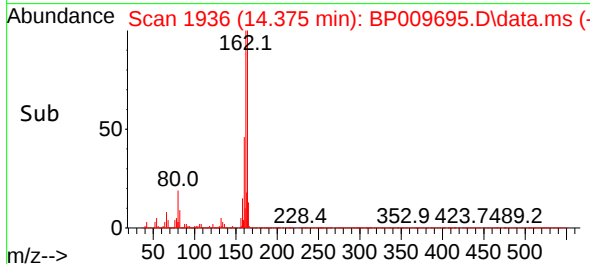
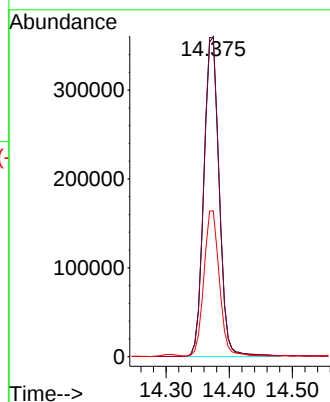
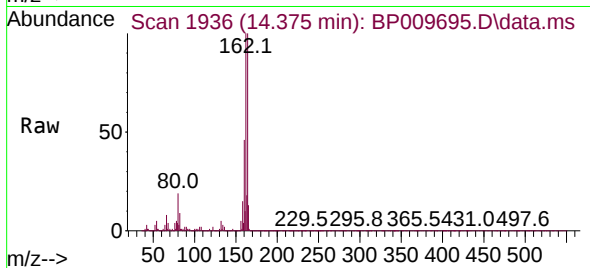
Tgt Ion:164 Resp: 606132

Ion Ratio Lower Upper

164 100

162 99.7 79.1 118.7

160 45.6 34.9 52.3



#41

Hexachlorocyclopentadiene

Concen: 7.294 ng

RT: 12.445 min Scan# 1608

Delta R.T. -0.088 min

Lab File: BP009695.D

Acq: 05 Apr 2022 13:21

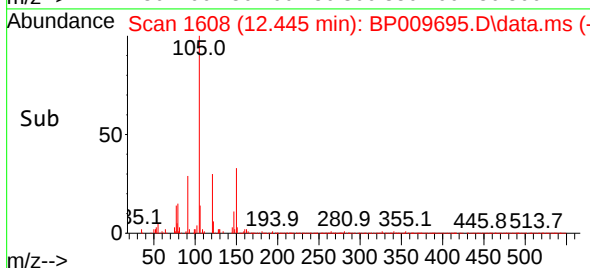
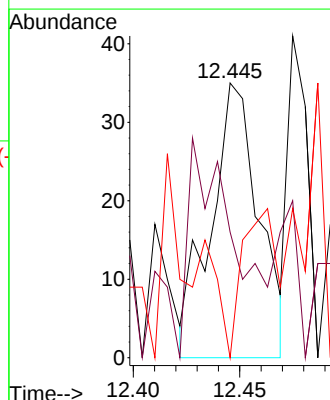
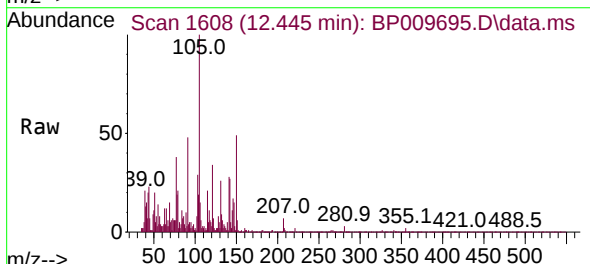
Tgt Ion:237 Resp: 55

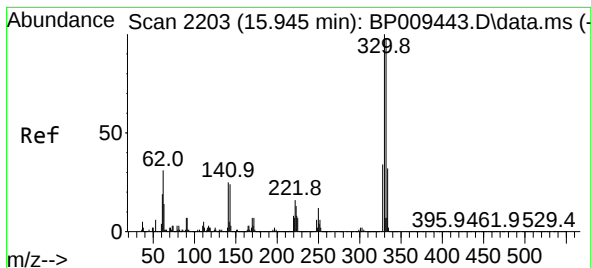
Ion Ratio Lower Upper

237 100

235 45.7 42.6 82.6

272 0.0 0.0 32.8





#42

2,4,6-Tribromophenol

Concen: 21.541 ng

RT: 15.881 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009695.D

Acq: 05 Apr 2022 13:21

Instrument :

BNA_P

ClientSampleId :

MW-101RDL

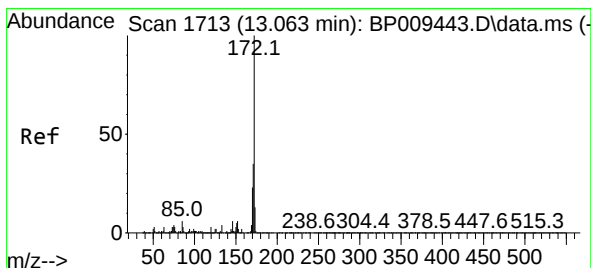
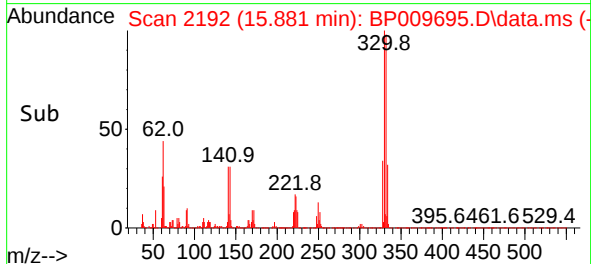
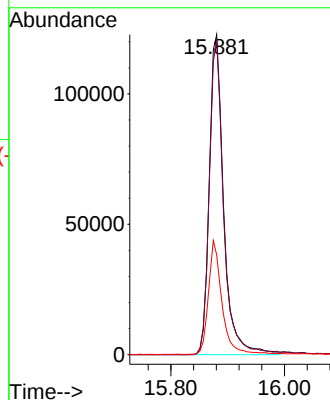
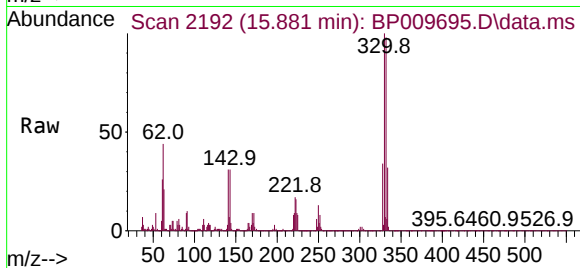
Tgt Ion:330 Resp: 215461

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

141 33.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 16.953 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BP009695.D

Acq: 05 Apr 2022 13:21

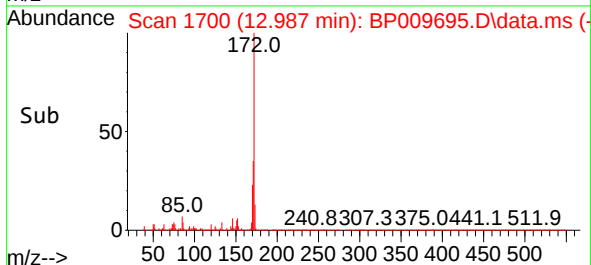
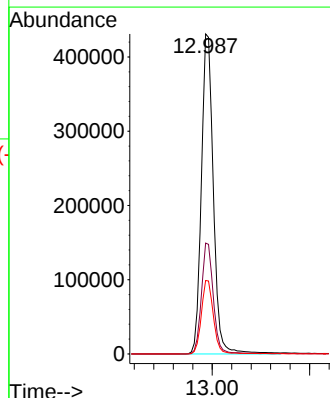
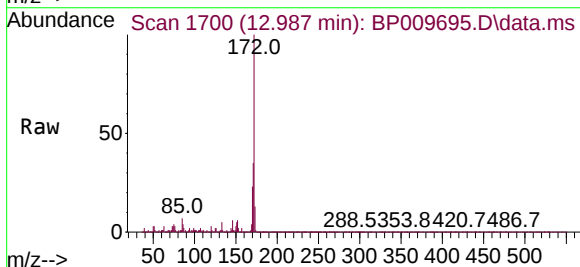
Tgt Ion:172 Resp: 741247

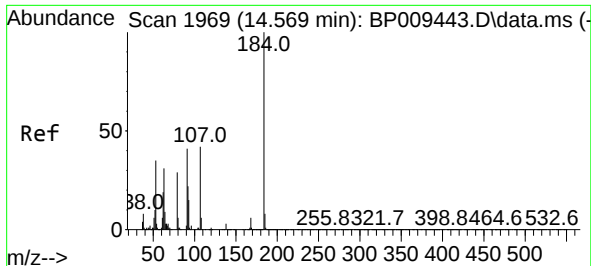
Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 22.9 18.6 27.8

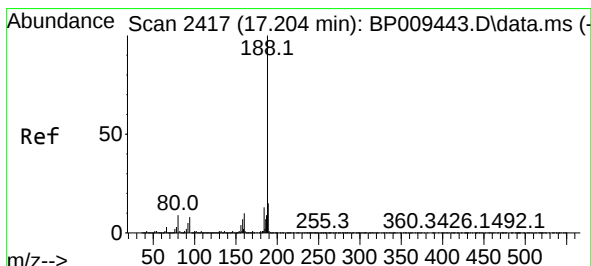
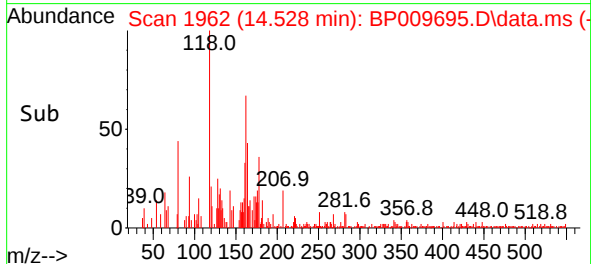
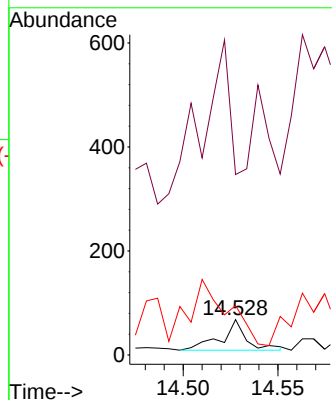
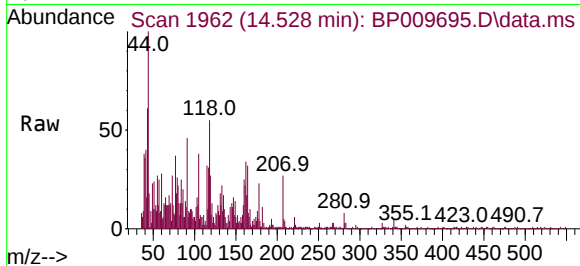




#54
2,4-Dinitrophenol
Concen: 4.541 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

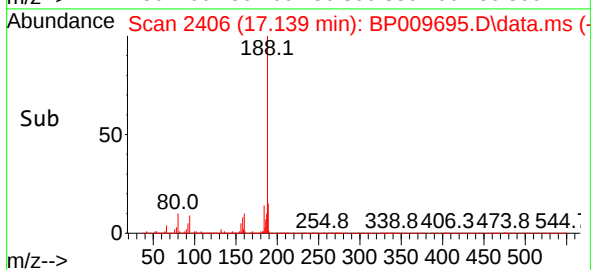
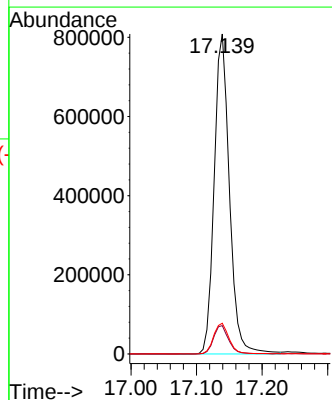
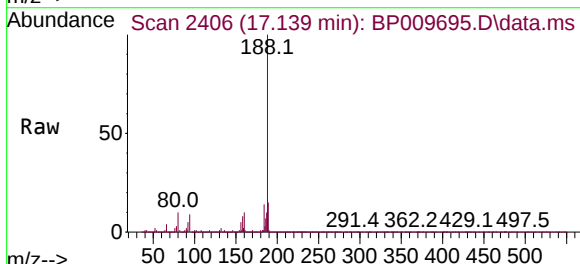
Instrument :
BNA_P
ClientSampleId :
MW-101RDL

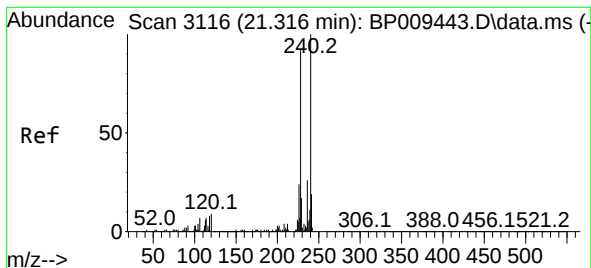
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 510.3 46.3 69.5#
154 139.7 45.8 68.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BP009695.D
Acq: 05 Apr 2022 13:21

Tgt Ion:188 Resp: 1304222
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.6 8.8 13.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.257 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP009695.D

Acq: 05 Apr 2022 13:21

Instrument :

BNA_P

ClientSampleId :

MW-101RDL

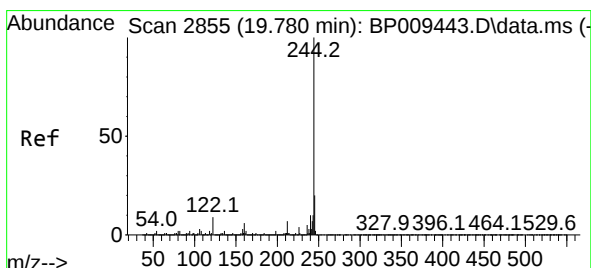
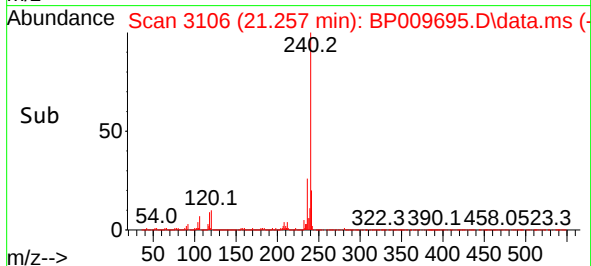
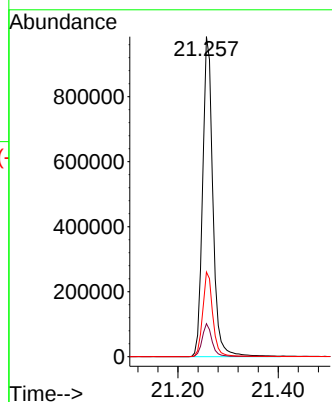
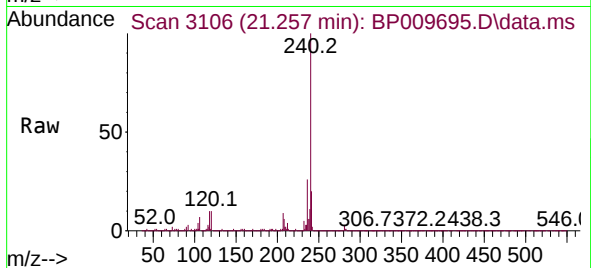
Tgt Ion:240 Resp: 1396840

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

236 26.4 20.6 30.8



#79

Terphenyl-d14

Concen: 16.324 ng

RT: 19.722 min Scan# 2845

Delta R.T. -0.000 min

Lab File: BP009695.D

Acq: 05 Apr 2022 13:21

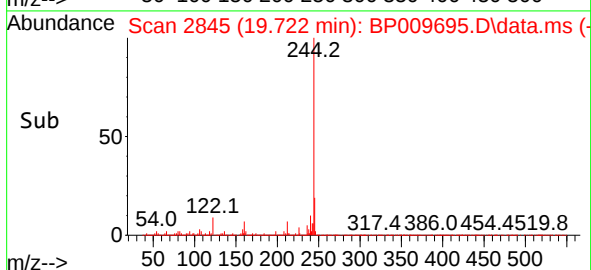
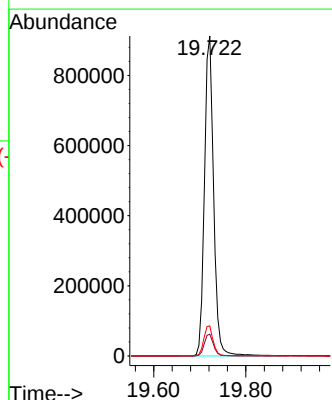
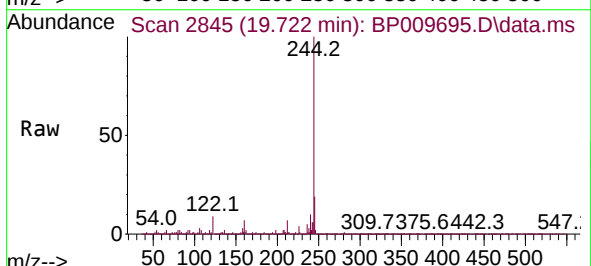
Tgt Ion:244 Resp: 1270355

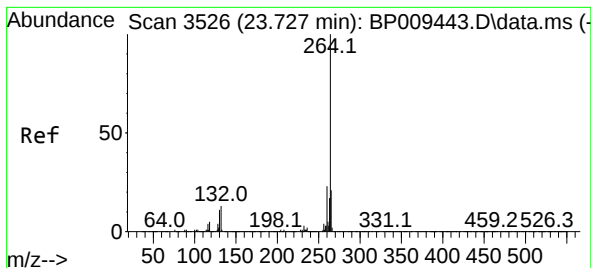
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 9.4 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.627 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP009695.D

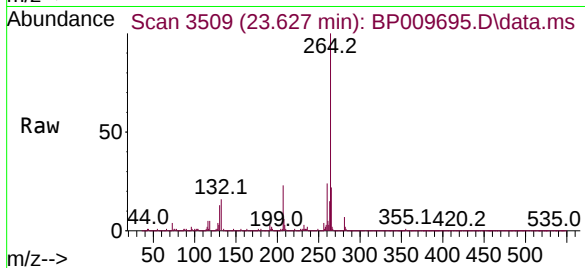
Acq: 05 Apr 2022 13:21

Instrument :

BNA_P

ClientSampleId :

MW-101RDL



Tgt Ion:264 Resp: 1456946

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.1 17.2 25.8

