

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008136.D
 Acq On : 29 Nov 2021 12:01
 Operator : CG/JU
 Sample : M4815-05DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-8DL

Quant Time: Nov 29 12:26:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

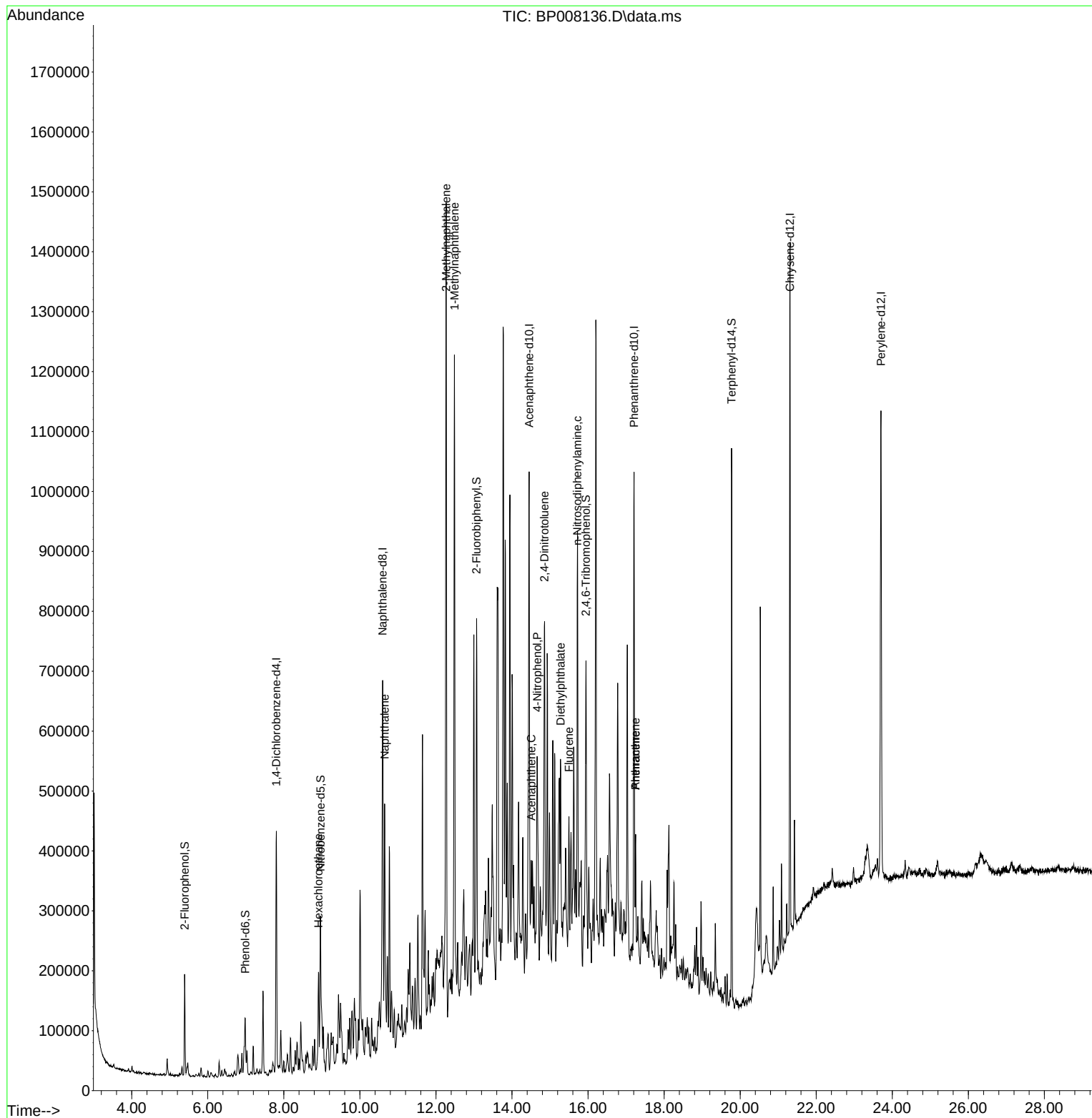
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	100719	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	365895	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	228992	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	485555	20.000	ng	0.00
76) Chrysene-d12	21.310	240	551061	20.000	ng	0.00
86) Perylene-d12	23.704	264	615854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	66974	10.706	ng	-0.01
7) Phenol-d6	6.987	99	49358	5.845	ng	-0.01
23) Nitrobenzene-d5	8.963	82	144594	17.970	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	71157	24.311	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	297121	18.847	ng	-0.01
79) Terphenyl-d14	19.775	244	433111	16.426	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.952	77	3143	Below Cal	#	1
18) Hexachloroethane	8.910	117	17480	6.273	ng	# 1
31) Naphthalene	10.651	128	213230	11.376	ng	97
37) 2-Methylnaphthalene	12.269	142	552608	41.685	ng	99
38) 1-Methylnaphthalene	12.487	142	436740	33.846	ng	99
52) Acenaphthene	14.510	154	29797	2.470	ng	95
56) 4-Nitrophenol	14.663	139	16111	5.812	ng	# 39
57) 2,4-Dinitrotoluene	14.851	165	11483	2.345	ng	# 48
58) Fluorene	15.498	166	49058	2.929	ng	# 90
60) Diethylphthalate	15.281	149	88136	5.165	ng	97
66) n-Nitrosodiphenylamine	15.716	169	62087	4.414	ng	# 54
71) Phenanthrene	17.251	178	109195	4.259	ng	99
72) Anthracene	17.251	178	109195	4.292	ng	99
78) Pyrene	19.580	202	11197	Below Cal	#	82

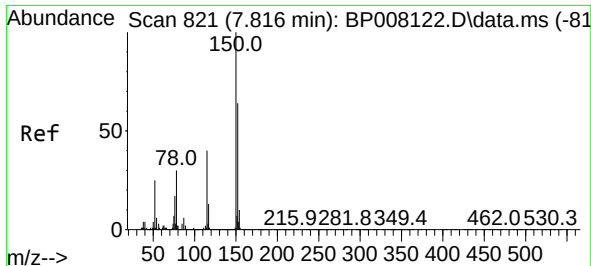
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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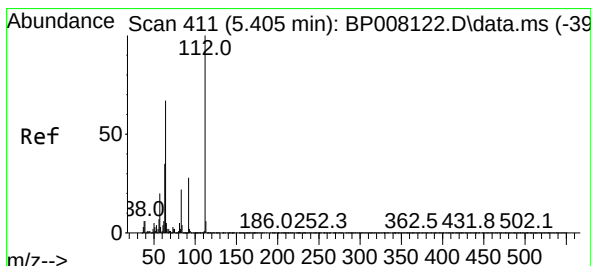
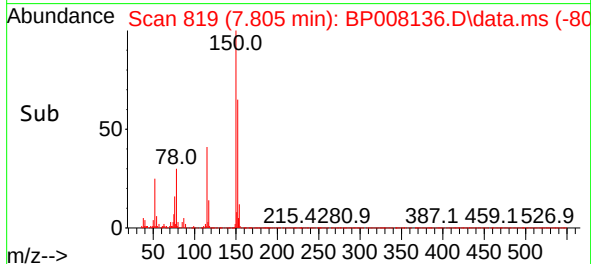
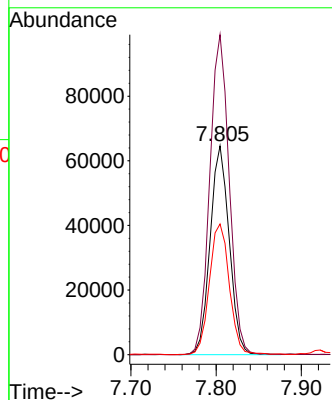
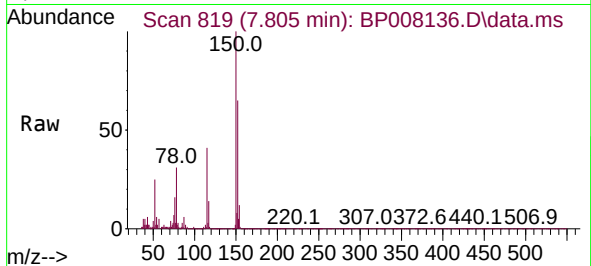




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

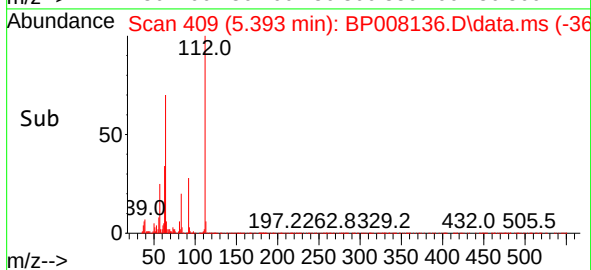
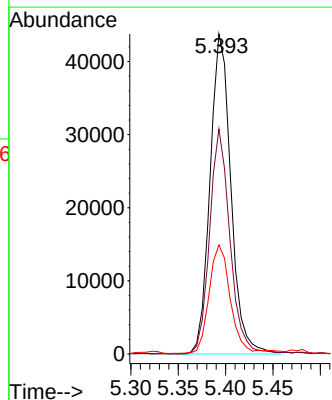
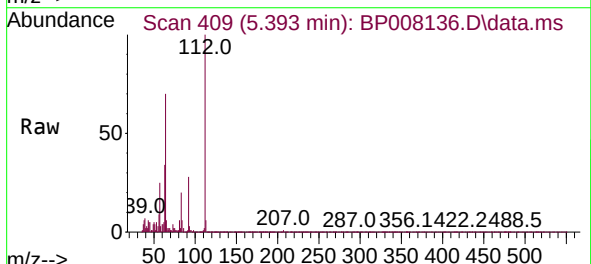
Instrument :
BNA_P
ClientSampleId :
MW-8DL

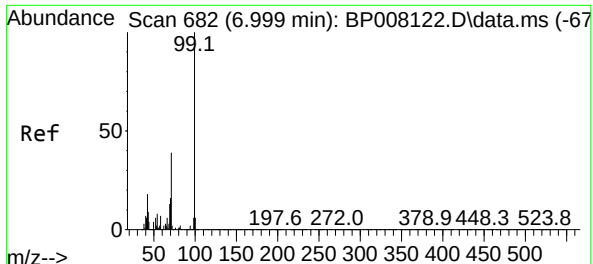
Tgt Ion:152 Resp: 100719
Ion Ratio Lower Upper
152 100
150 153.3 125.7 188.5
115 62.7 50.7 76.1



#5
2-Fluorophenol
Concen: 10.706 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:112 Resp: 66974
Ion Ratio Lower Upper
112 100
64 70.3 53.4 80.2
63 34.1 27.8 41.8

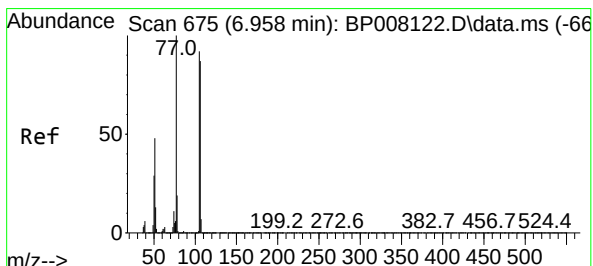
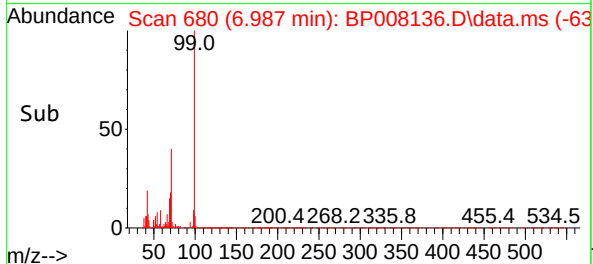
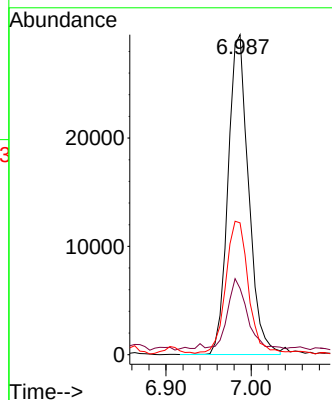
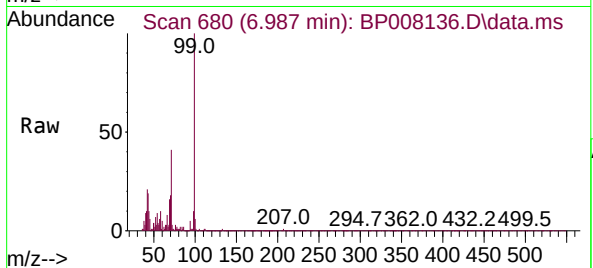




#7
Phenol-d6
Concen: 5.845 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

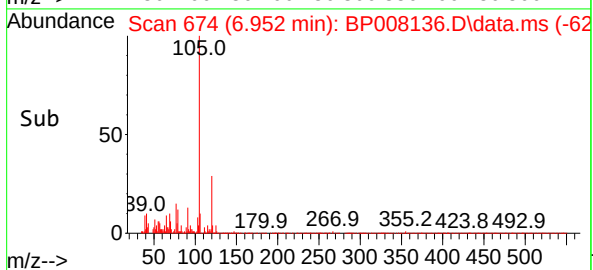
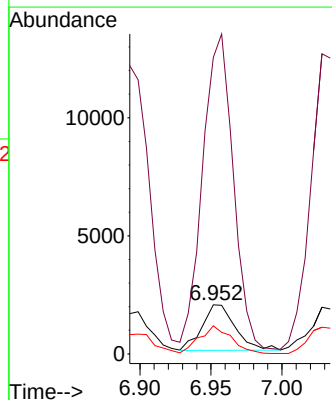
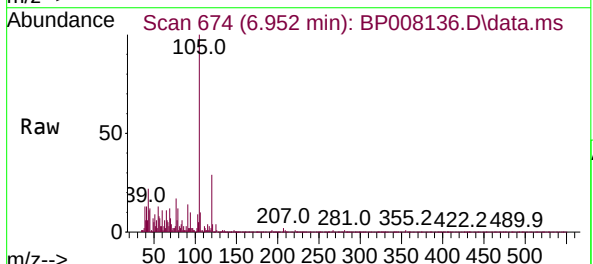
Instrument :
BNA_P
ClientSampleId :
MW-8DL

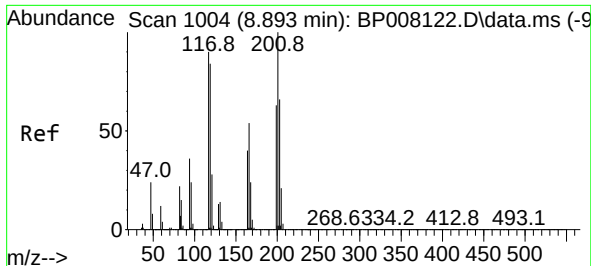
Tgt Ion: 99 Resp: 49358
Ion Ratio Lower Upper
99 100
42 20.7 14.6 22.0
71 41.2 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.952 min Scan# 674
Delta R.T. -0.006 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion: 77 Resp: 3143
Ion Ratio Lower Upper
77 100
105 603.8 71.8 111.8#
106 57.4 67.3 107.3#

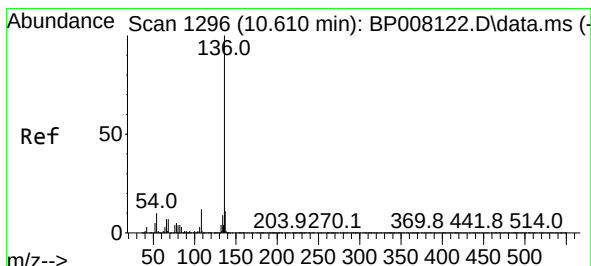
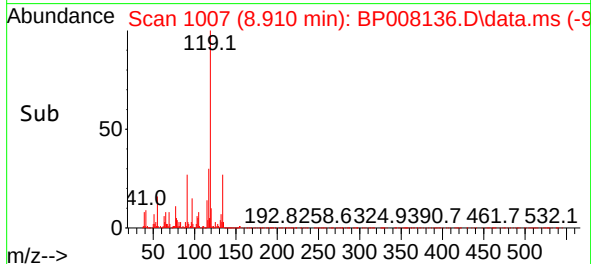
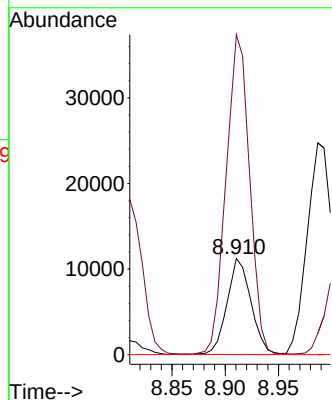
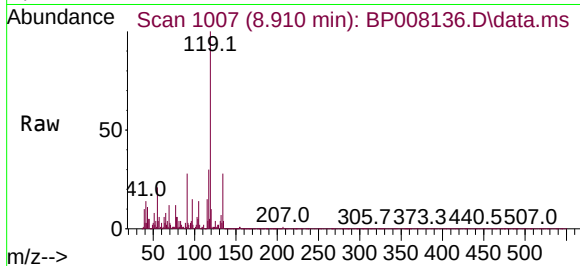




#18
Hexachloroethane
Concen: 6.273 ng
RT: 8.910 min Scan# 1007
Delta R.T. 0.018 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

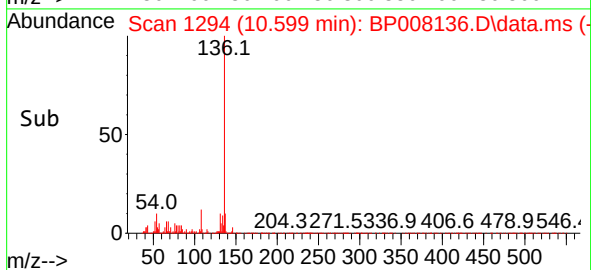
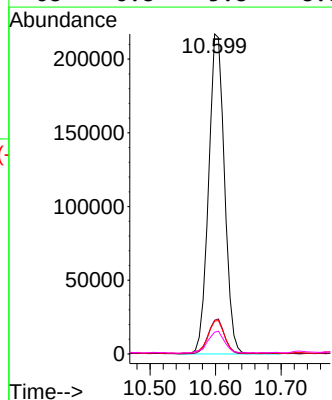
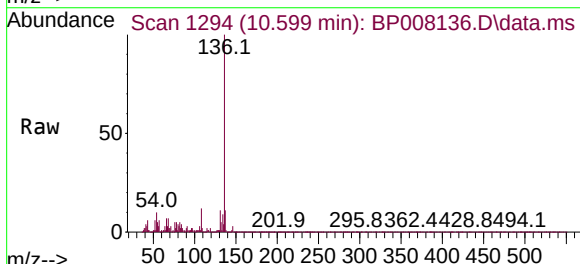
Instrument :
BNA_P
ClientSampleId :
MW-8DL

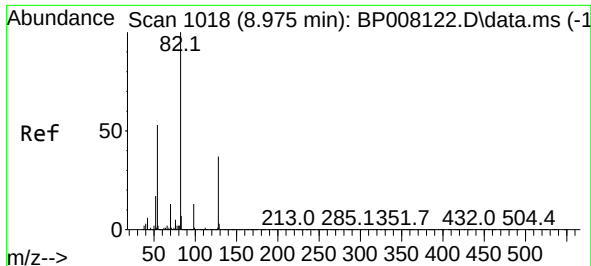
Tgt Ion:117 Resp: 17480
Ion Ratio Lower Upper
117 100
119 332.4 74.7 112.1#
201 0.0 88.6 132.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:136 Resp: 365895
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.2 8.2 12.4
68 6.8 5.8 8.8

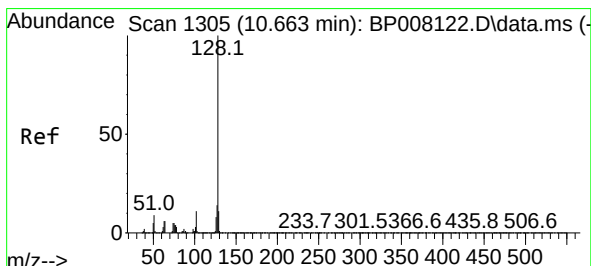
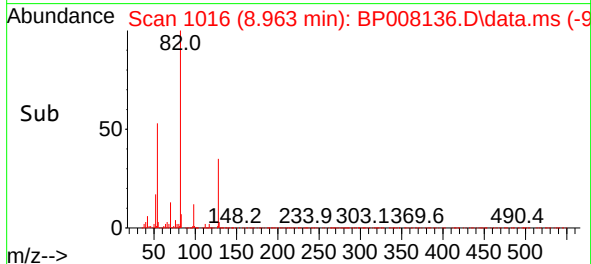
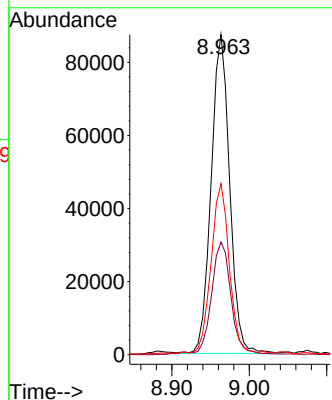
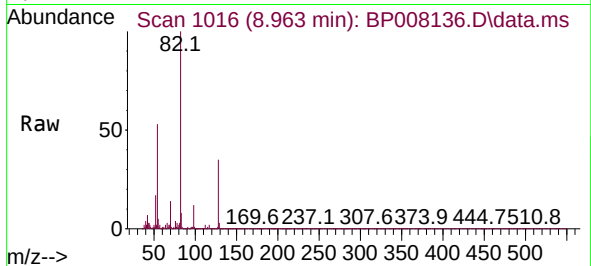




#23
Nitrobenzene-d5
Concen: 17.970 ng
RT: 8.963 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

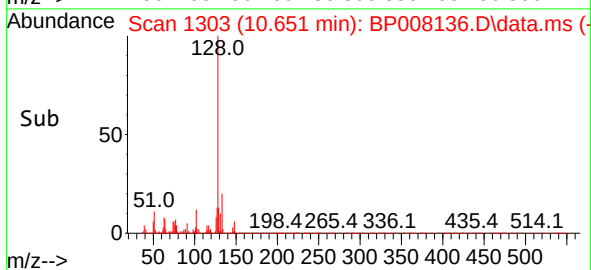
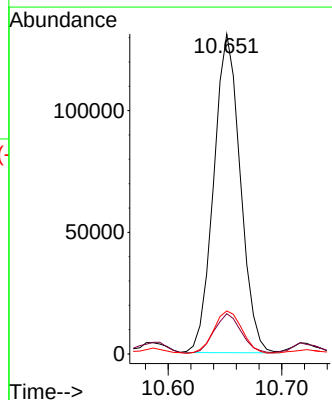
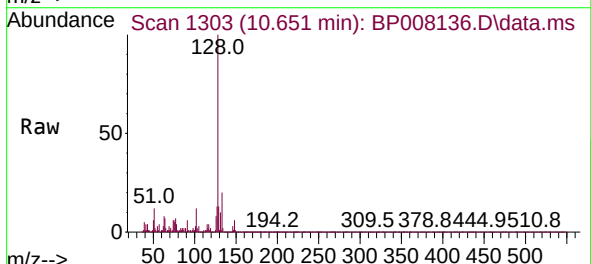
Instrument :
BNA_P
ClientSampleId :
MW-8DL

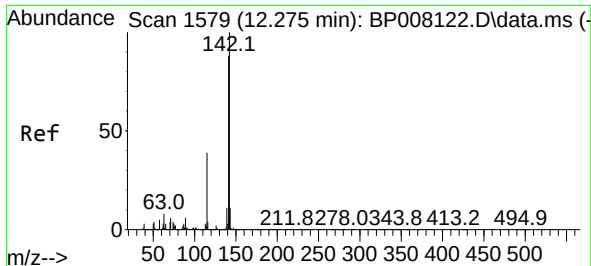
Tgt Ion: 82 Resp: 144594
Ion Ratio Lower Upper
82 100
128 35.2 29.6 44.4
54 53.5 42.7 64.1



#31
Naphthalene
Concen: 11.376 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion: 128 Resp: 213230
Ion Ratio Lower Upper
128 100
129 12.6 8.5 12.7
127 13.4 10.9 16.3

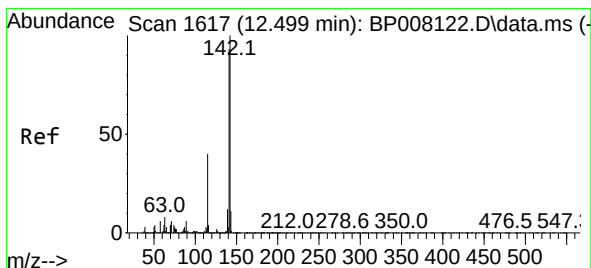
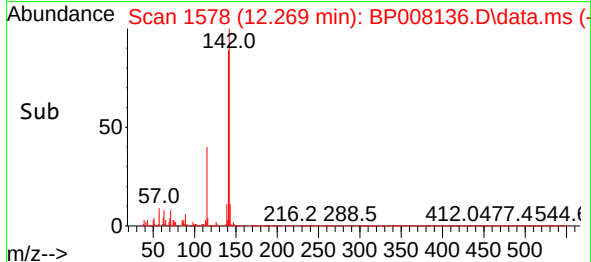
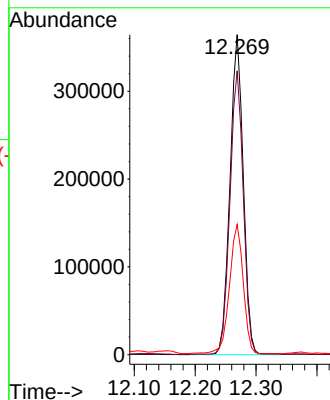
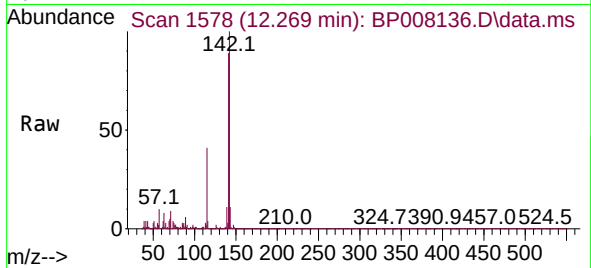




#37
2-Methylnaphthalene
Concen: 41.685 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

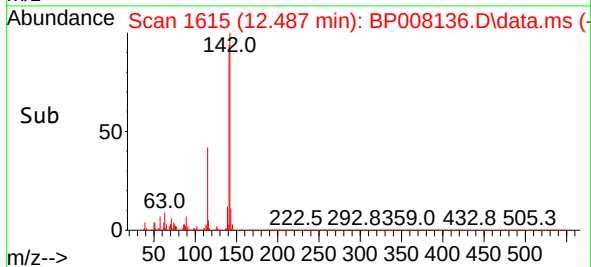
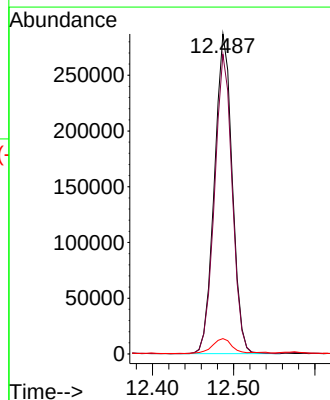
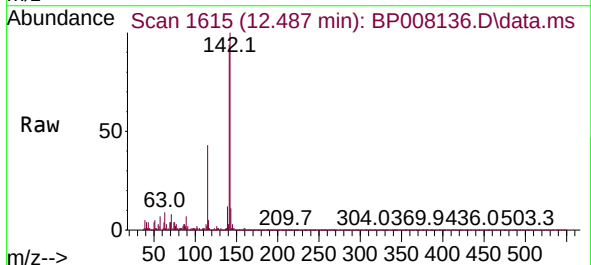
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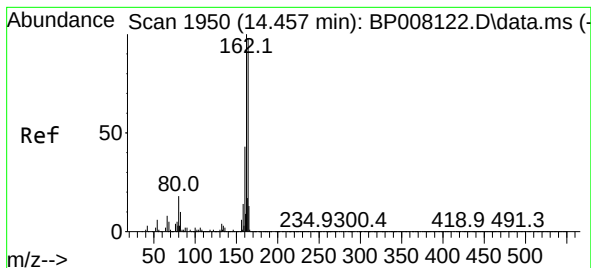
Tgt Ion:142 Resp: 552608
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1
115 40.7 30.9 46.3



#38
1-Methylnaphthalene
Concen: 33.846 ng
RT: 12.487 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:142 Resp: 436740
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4
116 4.8 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP008136.D

Acq: 29 Nov 2021 12:01

Instrument :

BNA_P

ClientSampleId :

MW-8DL

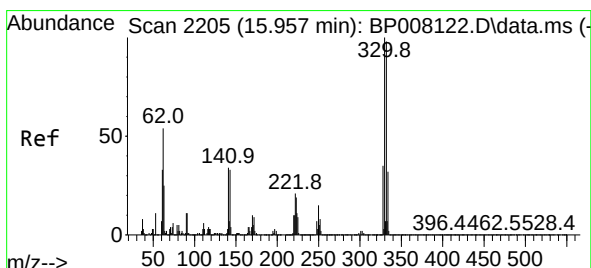
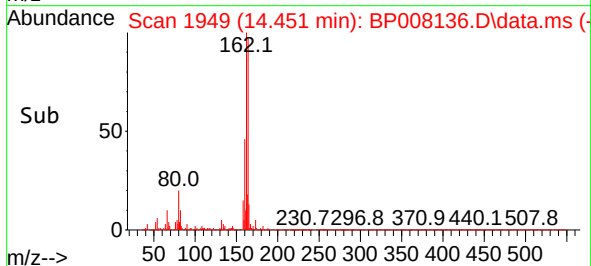
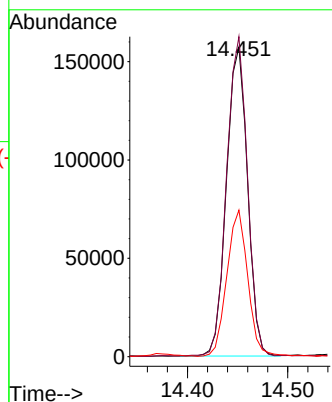
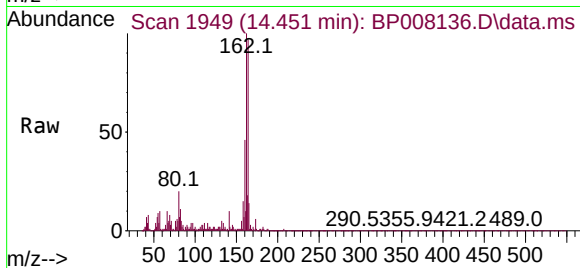
Tgt Ion:164 Resp: 228992

Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

160 47.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 24.311 ng

RT: 15.945 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BP008136.D

Acq: 29 Nov 2021 12:01

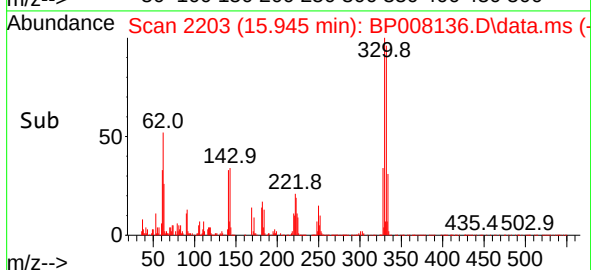
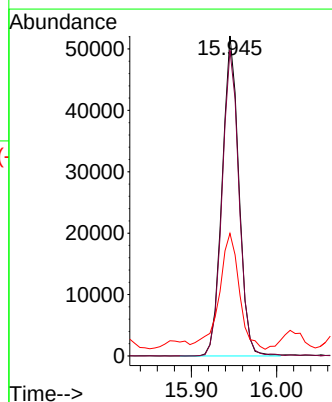
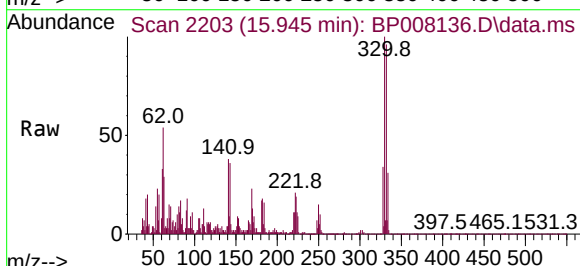
Tgt Ion:330 Resp: 71157

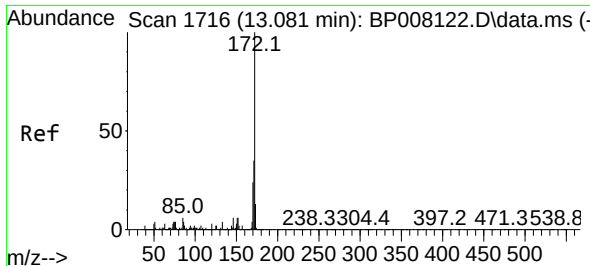
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.4

141 43.6 28.4 42.6#

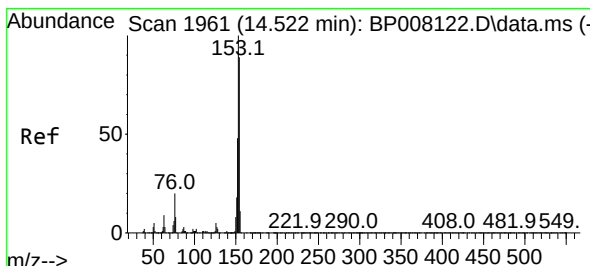
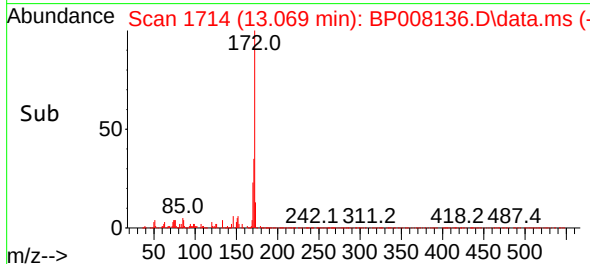
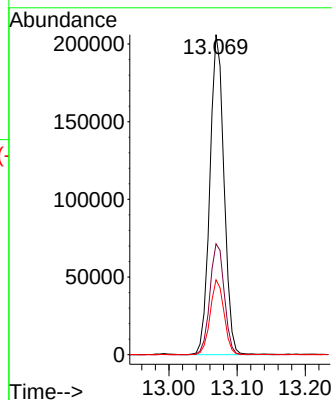
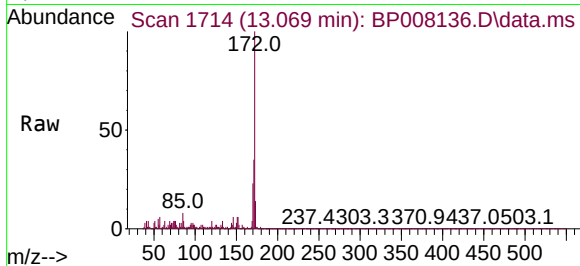




#45
2-Fluorobiphenyl
Concen: 18.847 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

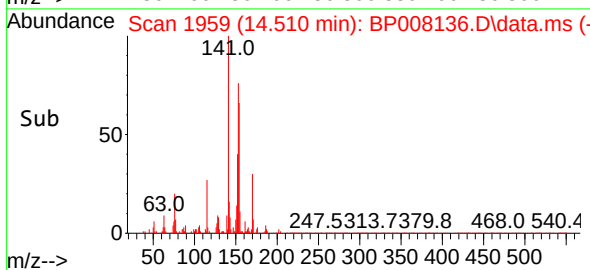
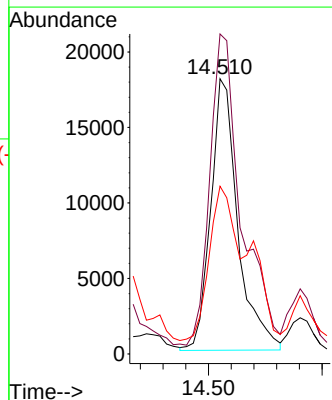
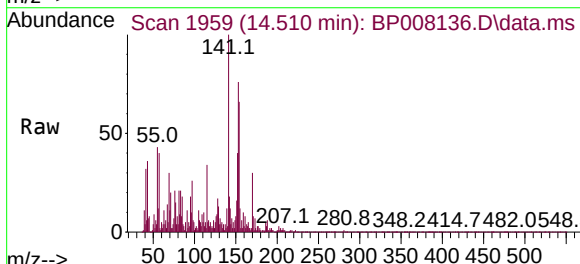
Instrument :
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MW-8DL

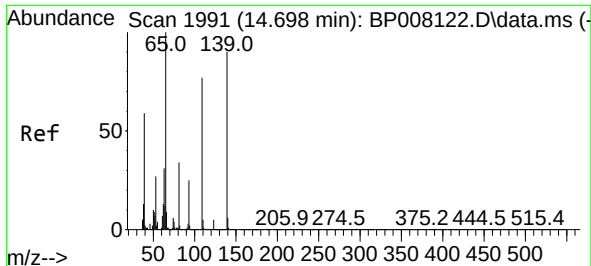
Tgt Ion:172	Resp:	297121
Ion Ratio	Lower	Upper
172	100	
171	34.6	28.0 42.0
170	23.4	18.9 28.3



#52
Acenaphthene
Concen: 2.470 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:154	Resp:	29797
Ion Ratio	Lower	Upper
154	100	
153	116.3	90.3 135.5
152	60.9	43.3 64.9

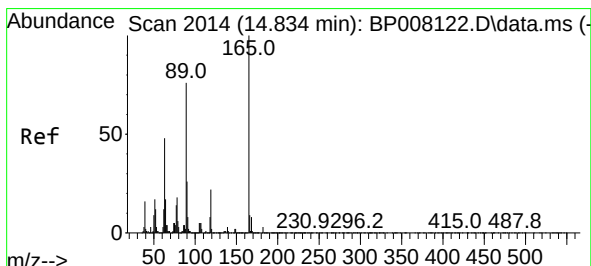
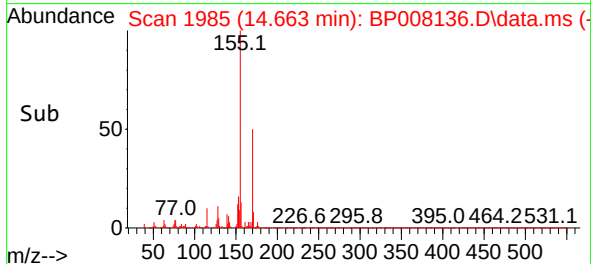
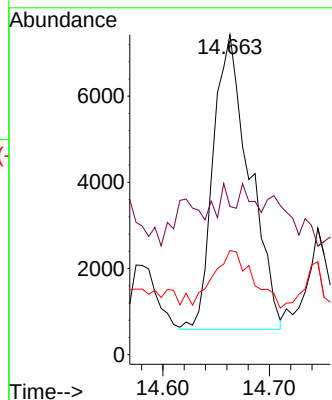
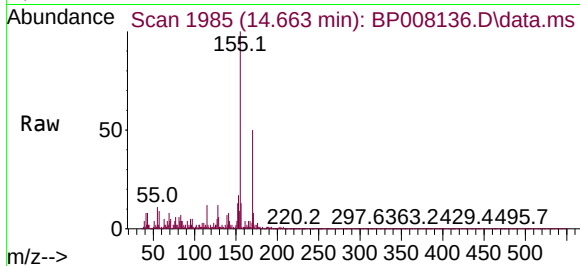




#56
4-Nitrophenol
Concen: 5.812 ng
RT: 14.663 min Scan# 1991
Delta R.T. -0.035 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

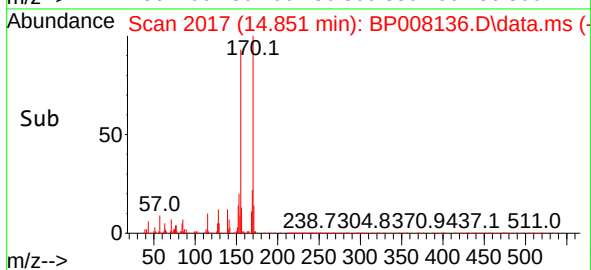
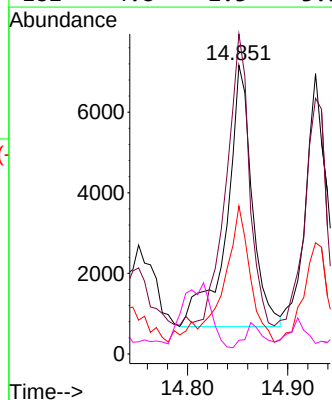
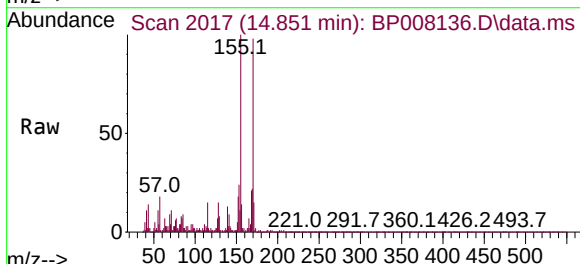
Instrument :
BNA_P
ClientSampleId :
MW-8DL

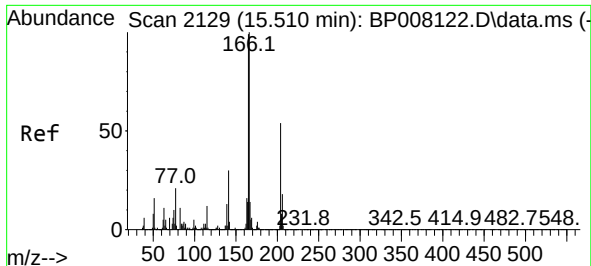
Tgt Ion:139 Resp: 16111
Ion Ratio Lower Upper
139 100
109 46.3 65.9 105.9#
65 32.6 91.9 131.9#



#57
2,4-Dinitrotoluene
Concen: 2.345 ng
RT: 14.851 min Scan# 2017
Delta R.T. 0.018 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:165 Resp: 11483
Ion Ratio Lower Upper
165 100
63 110.9 38.9 58.3#
89 51.3 60.5 90.7#
182 4.8 2.3 3.5#

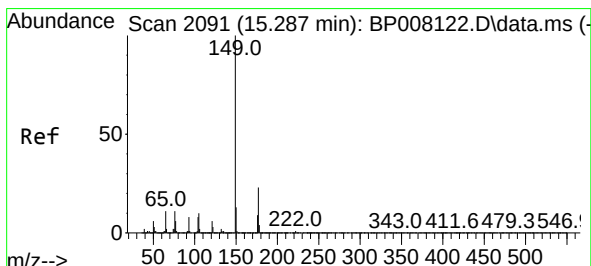
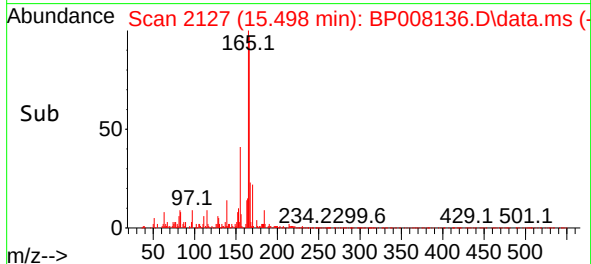
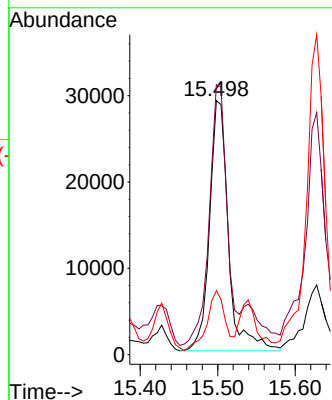
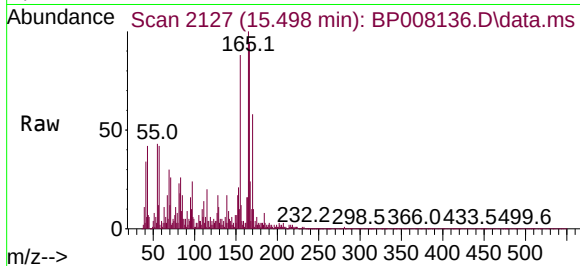




#58
 Fluorene
 Concen: 2.929 ng
 RT: 15.498 min Scan# 2129
 Delta R.T. -0.012 min
 Lab File: BP008136.D
 Acq: 29 Nov 2021 12:01

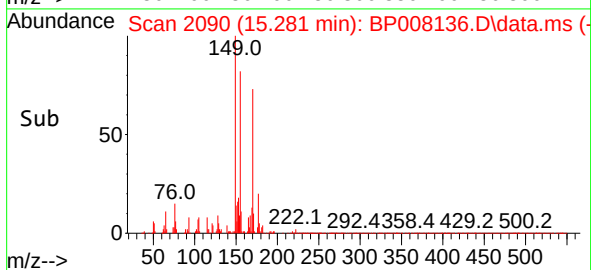
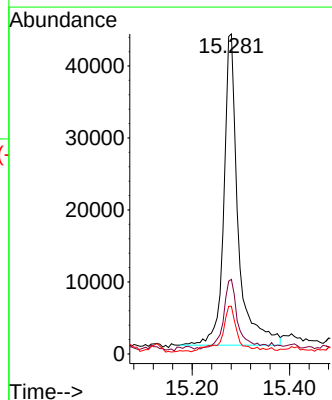
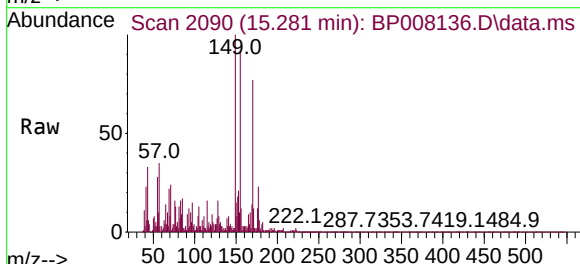
Instrument :
 BNA_P
 ClientSampleId :
 MW-8DL

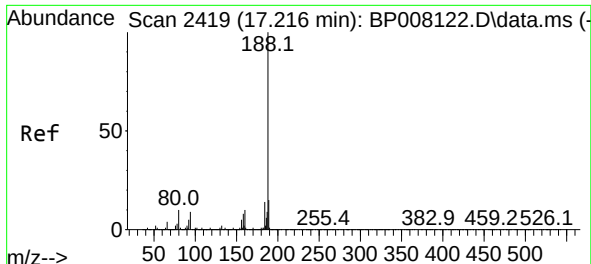
Tgt Ion:166 Resp: 49058
 Ion Ratio Lower Upper
 166 100
 165 106.2 79.4 119.2
 167 25.2 10.9 16.3#



#60
 Diethylphthalate
 Concen: 5.165 ng
 RT: 15.281 min Scan# 2090
 Delta R.T. -0.006 min
 Lab File: BP008136.D
 Acq: 29 Nov 2021 12:01

Tgt Ion:149 Resp: 88136
 Ion Ratio Lower Upper
 149 100
 177 23.3 18.2 27.2
 150 14.9 10.3 15.5

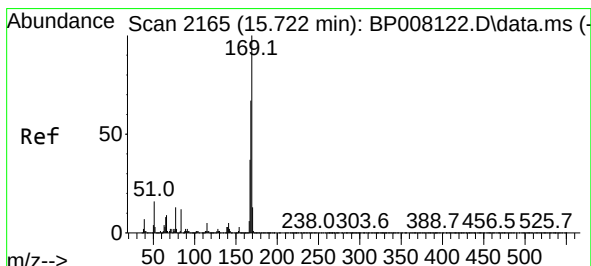
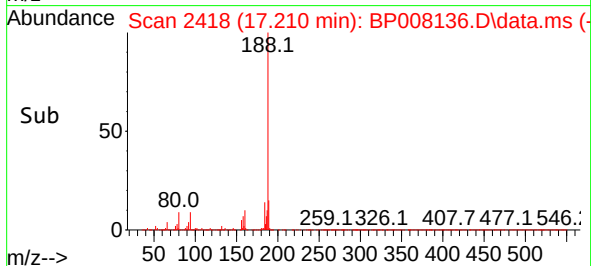
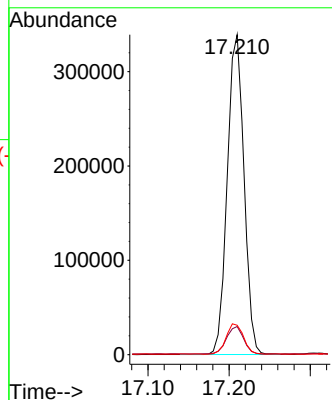
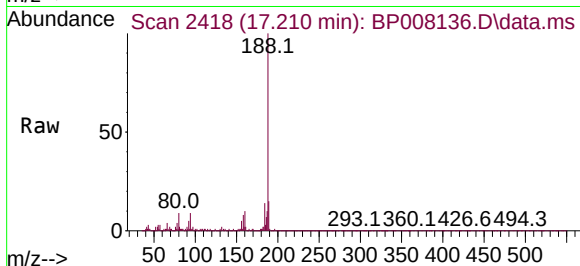




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

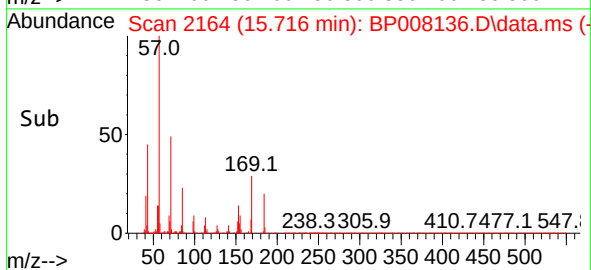
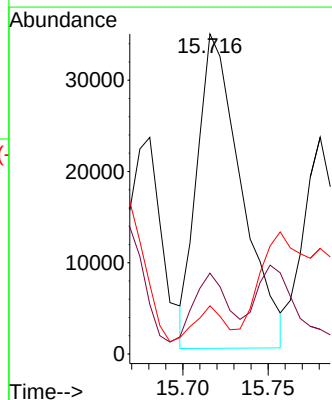
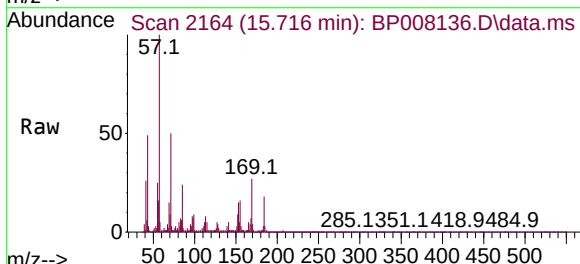
Instrument :
BNA_P
ClientSampleId :
MW-8DL

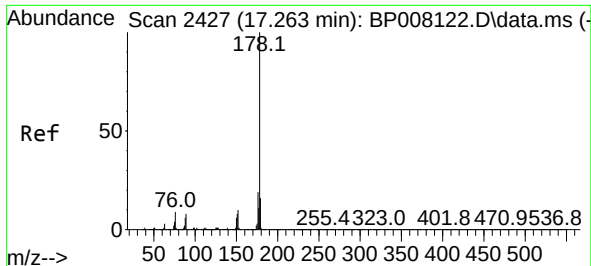
Tgt Ion:188 Resp: 485555
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.2 8.2 12.4



#66
n-Nitrosodiphenylamine
Concen: 4.414 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:169 Resp: 62087
Ion Ratio Lower Upper
169 100
168 25.3 53.5 80.3#
167 15.1 29.3 43.9#

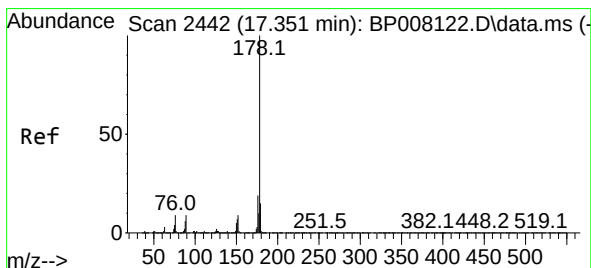
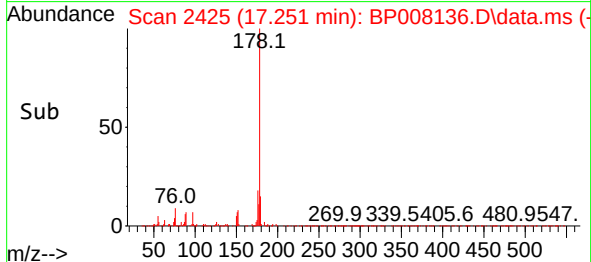
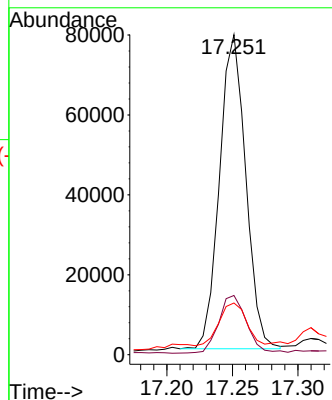
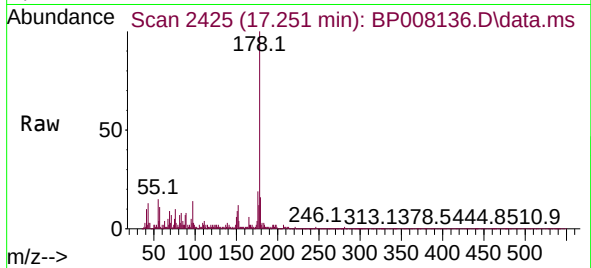




#71
Phenanthrene
Concen: 4.259 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

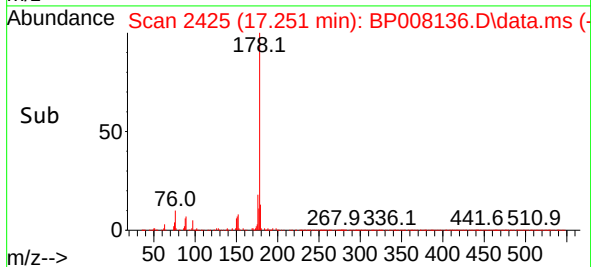
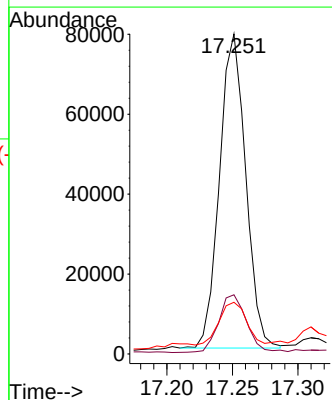
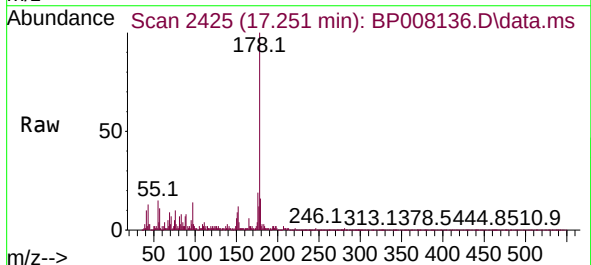
Instrument :
BNA_P
ClientSampleId :
MW-8DL

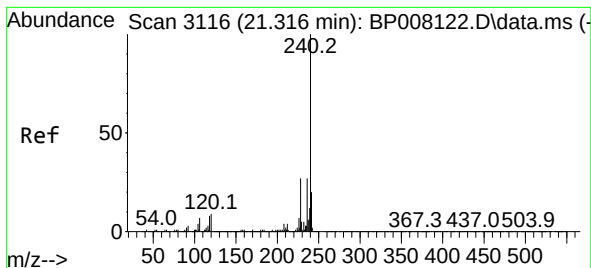
Tgt Ion:178 Resp: 109195
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 16.1 12.5 18.7



#72
Anthracene
Concen: 4.292 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.100 min
Lab File: BP008136.D
Acq: 29 Nov 2021 12:01

Tgt Ion:178 Resp: 109195
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 16.1 12.3 18.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.310 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP008136.D

Acq: 29 Nov 2021 12:01

Instrument :

BNA_P

ClientSampleId :

MW-8DL

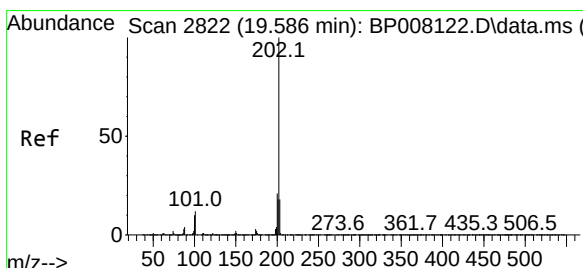
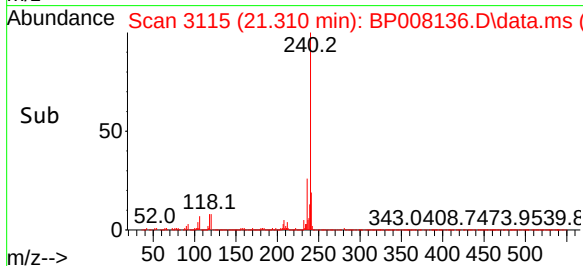
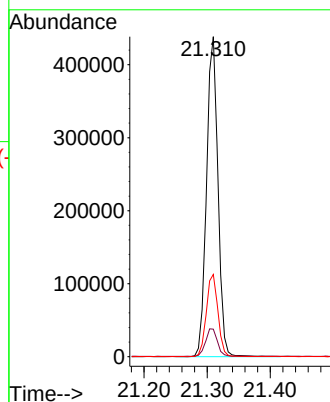
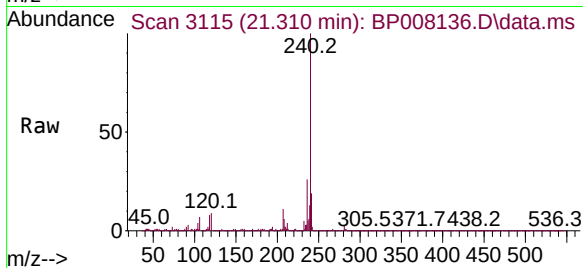
Tgt Ion:240 Resp: 551061

Ion Ratio Lower Upper

240 100

120 8.6 7.3 10.9

236 25.7 21.4 32.2



#78

Pyrene

Concen: Below Cal

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BP008136.D

Acq: 29 Nov 2021 12:01

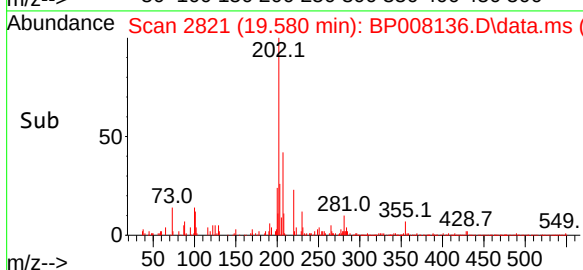
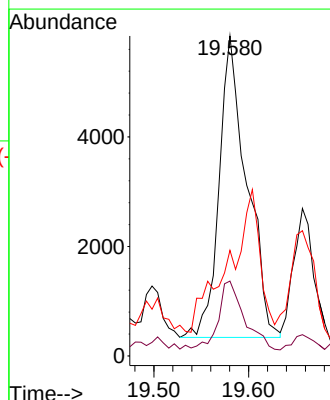
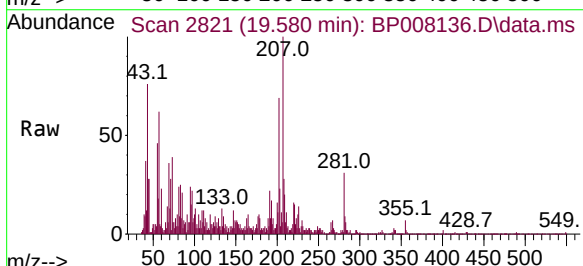
Tgt Ion:202 Resp: 11197

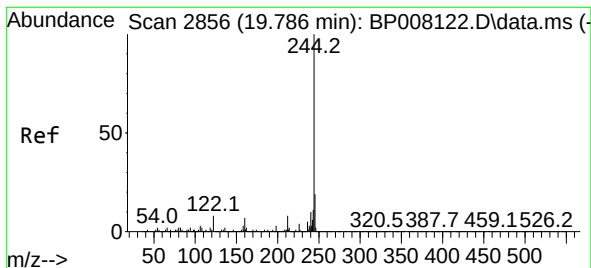
Ion Ratio Lower Upper

202 100

200 23.4 17.1 25.7

203 33.0 14.2 21.2#





#79

Terphenyl-d14

Concen: 16.426 ng

RT: 19.775 min Scan# 2854

Delta R.T. -0.012 min

Lab File: BP008136.D

Acq: 29 Nov 2021 12:01

Instrument :

BNA_P

ClientSampleId :

MW-8DL

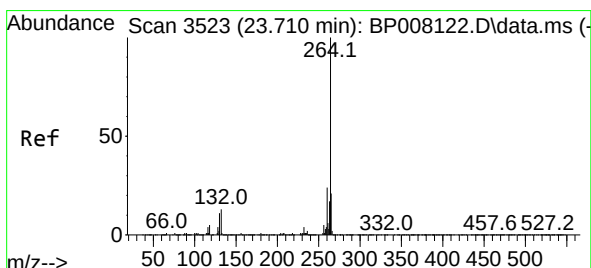
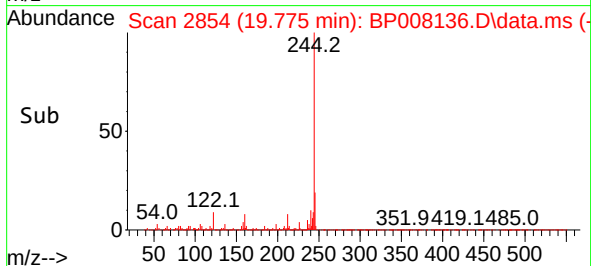
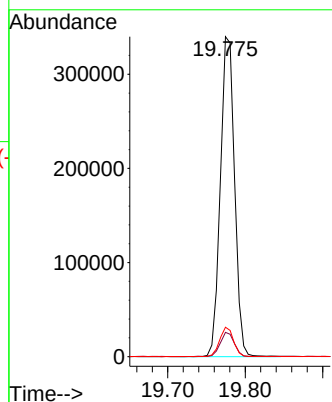
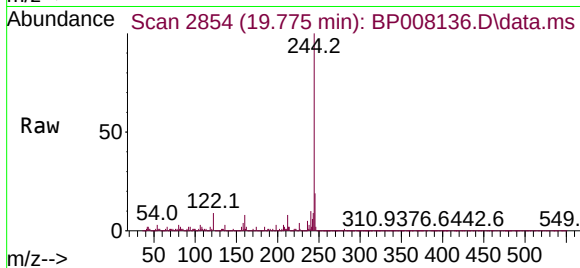
Tgt Ion:244 Resp: 433111

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 9.2 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BP008136.D

Acq: 29 Nov 2021 12:01

Tgt Ion:264 Resp: 615854

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.9 17.6 26.4

