

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009529.D
 Acq On : 24 Mar 2022 04:11
 Operator : CG/JU
 Sample : N2061-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RW-1-20220321-16.0-17.0

Quant Time: Mar 24 04:46:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 01:19:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	477663	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1704281	20.000	ng	# 0.02
39) Acenaphthene-d10	14.445	164	1193724	20.000	ng	# 0.01
64) Phenanthrene-d10	17.222	188	1555949	20.000	ng	0.02
76) Chrysene-d12	21.339	240	1487301	20.000	ng	0.02
86) Perylene-d12	23.751	264	1929800	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	281780	10.299	ng	0.00
7) Phenol-d6	6.981	99	354234	9.574	ng	0.00
23) Nitrobenzene-d5	8.952	82	263703	8.222	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	113660	5.770	ng	0.02
45) 2-Fluorobiphenyl	13.057	172	538788	6.257	ng	0.00
79) Terphenyl-d14	19.786	244	593856	7.167	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.705	79	94691	3.244	ng	# 49
9) Benzaldehyde	6.946	77	271743	12.654	ng	# 1
12) 1,3-Dichlorobenzene	7.681	146	646503	18.361	ng	99
13) 1,4-Dichlorobenzene	7.828	146	1371869	38.107	ng	100
14) 1,2-Dichlorobenzene	8.146	146	82174	2.362	ng	# 86
18) Hexachloroethane	8.852	117	136256	10.800	ng	# 5
22) Acetophenone	8.599	105	697869	16.544	ng	# 62
24) Nitrobenzene	8.975	77	251833	8.312	ng	# 7
33) 4-Chloroaniline	10.704	127	13984706	390.385	ng	# 36
35) Caprolactam	11.528	113	34145	3.722	ng	# 1
37) 2-Methylnaphthalene	12.128	142	461213	7.488	ng	# 31
41) Hexachlorocyclopentadiene	12.851	237	71	7.292	ng	79
46) 1,1'-Biphenyl	13.281	154	12891227	144.760	ng	96
47) 2-Chloronaphthalene	13.281	162	182814	2.607	ng	# 1
48) 2-Nitroaniline	13.487	65	241640	12.654	ng	# 31
49) Acenaphthylene	14.175	152	11652261	107.659	ng	# 89
52) Acenaphthene	14.528	154	24574116	380.086	ng	88
54) 2,4-Dinitrophenol	14.563	184	19110	6.063	ng	# 1
55) Dibenzofuran	14.851	168	5890684	54.233	ng	# 77
56) 4-Nitrophenol	14.669	139	938085	62.870	ng	# 25
57) 2,4-Dinitrotoluene	14.810	165	325499	12.491	ng	# 52
58) Fluorene	15.510	166	20520811	240.220	ng	# 99
62) 4-Nitroaniline	15.522	138	263783	12.548	ng	# 27
63) Azobenzene	15.798	77	249592	3.169	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.622	198	24068	2.406	ng	# 1
66) n-Nitrosodiphenylamine	15.722	169	1886368	40.968	ng	# 1
71) Phenanthrene	17.363	178	3360537	40.347	ng	# 81
72) Anthracene	17.363	178	3360537	40.865	ng	# 80
73) Carbazole	17.622	167	494266	6.146	ng	# 56
75) Fluoranthene	19.239	202	3508587	34.795	ng	83
77) Benzidine	19.386	184	102000	2.798	ng	# 33
78) Pyrene	19.510	202	3176493	32.411	ng	# 94
81) Benzo(a)anthracene	21.316	228	19445268	199.000	ng	# 65
82) 3,3'-Dichlorobenzidine	21.369	252	853096	22.600	ng	# 1
83) Chrysene	21.374	228	16585074	179.245	ng	# 70
87) Indeno(1,2,3-cd)pyrene	26.292	276	12255110	83.705	ng	# 92

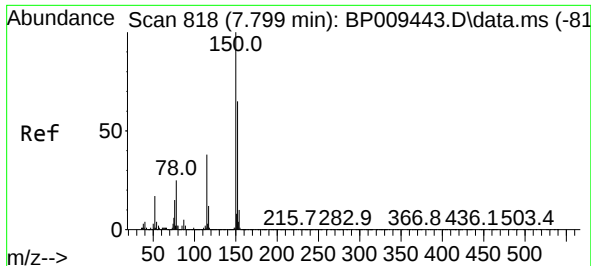
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
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QLast Update : Thu Mar 24 01:19:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.027	252	27872198	241.938	ng	97
89) Benzo(k)fluoranthene	23.027	252	27872198	247.102	ng	96
90) Benzo(a)pyrene	23.657	252	24839819	252.012	ng	94
91) Dibenzo(a,h)anthracene	26.292	278	3333943	27.323	ng	96
92) Benzo(g,h,i)perylene	27.068	276	13513665	112.577	ng	95

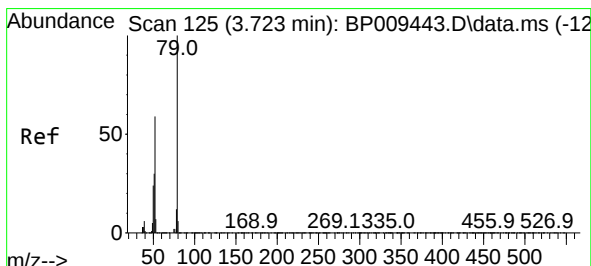
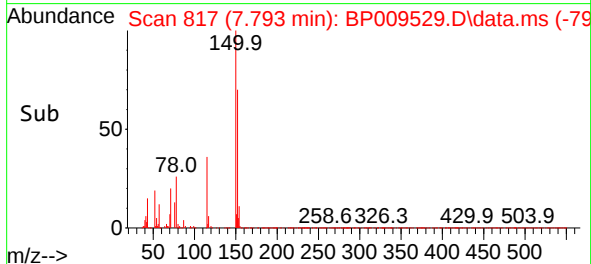
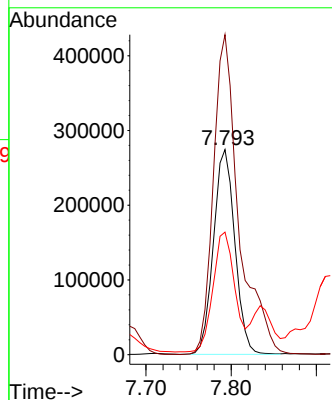
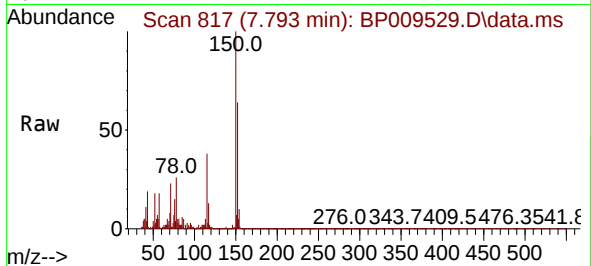
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

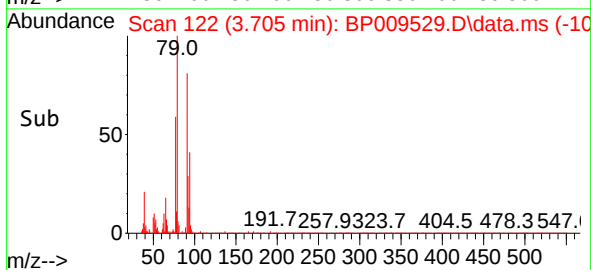
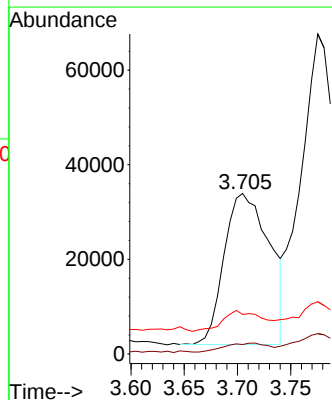
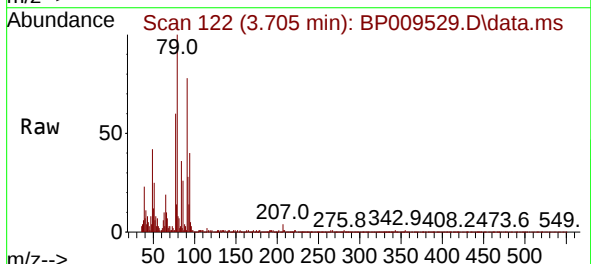
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BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

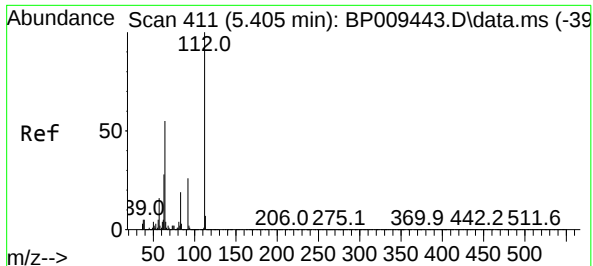
Tgt Ion:152 Resp: 477663
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 59.7 48.2 72.4



#3
Pyridine
Concen: 3.244 ng
RT: 3.705 min Scan# 122
Delta R.T. -0.012 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion: 79 Resp: 94691
Ion Ratio Lower Upper
79 100
52 5.9 47.5 71.3#
51 24.6 24.1 36.1

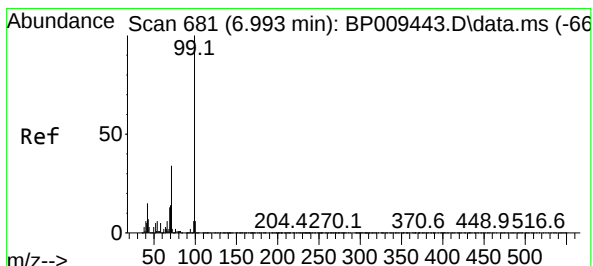
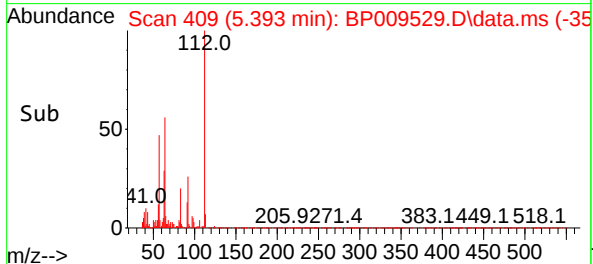
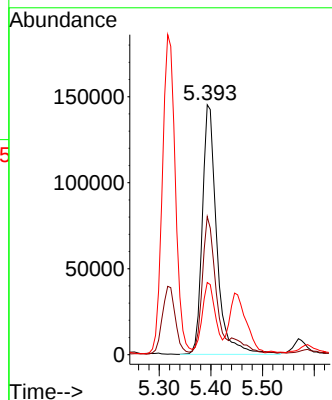
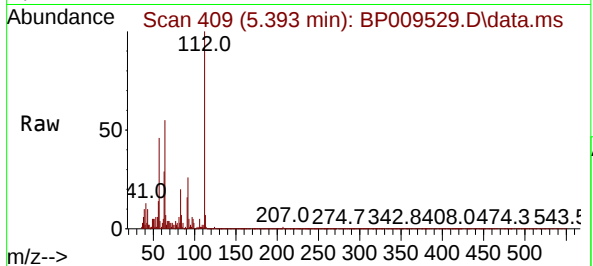




#5
2-Fluorophenol
Concen: 10.299 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

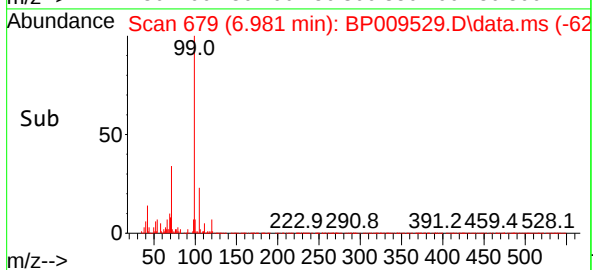
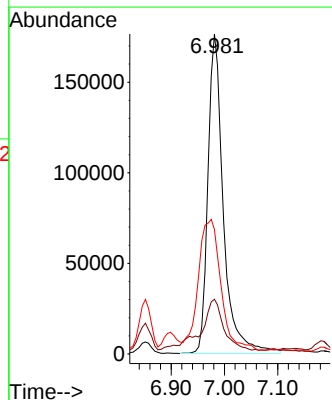
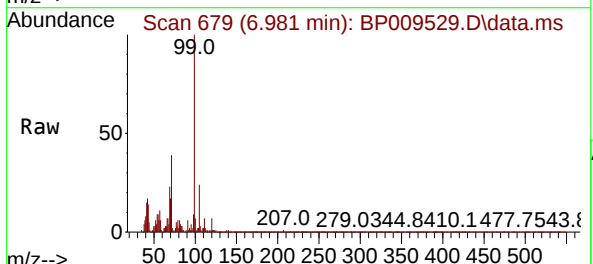
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

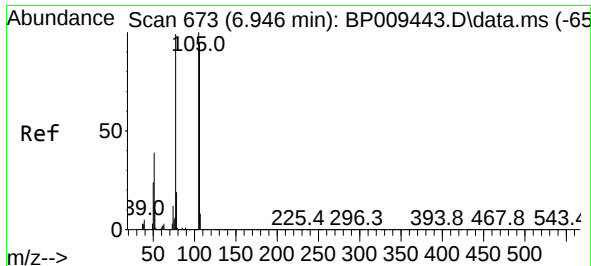
Tgt Ion:112 Resp: 281780
Ion Ratio Lower Upper
112 100
64 55.2 45.0 67.4
63 28.9 23.0 34.6



#7
Phenol-d6
Concen: 9.574 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion: 99 Resp: 354234
Ion Ratio Lower Upper
99 100
42 17.1 12.8 19.2
71 38.9 26.3 39.5

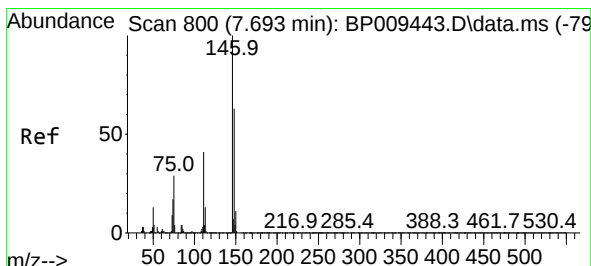
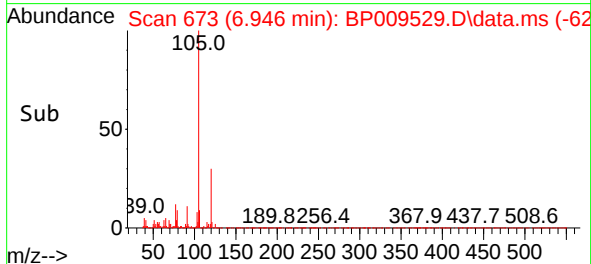
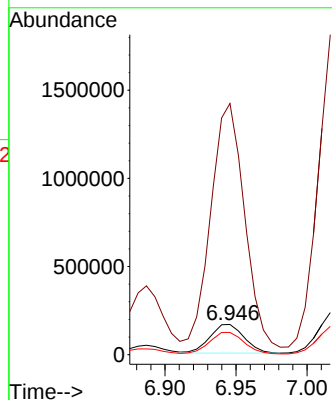
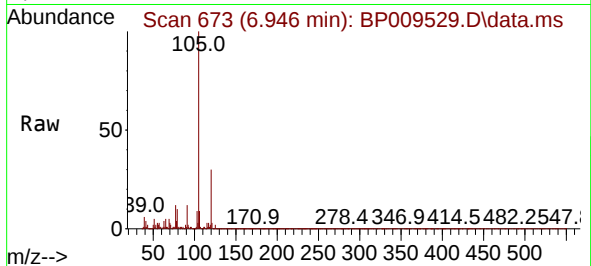




#9
Benzaldehyde
Concen: 12.654 ng
RT: 6.946 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

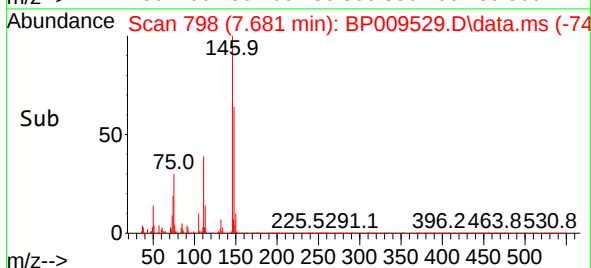
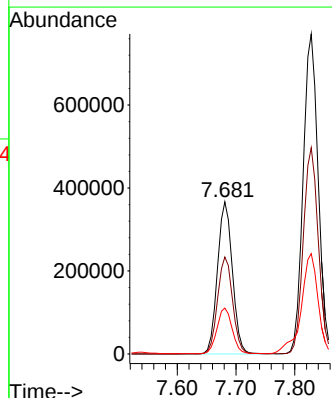
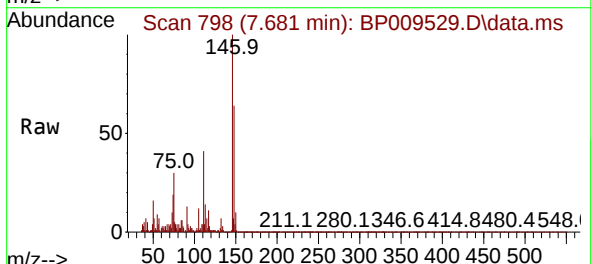
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

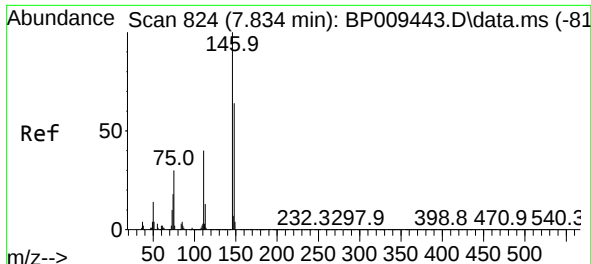
Tgt Ion: 77 Resp: 271743
Ion Ratio Lower Upper
77 100
105 832.0 75.2 115.2#
106 73.7 72.3 112.3



#12
1,3-Dichlorobenzene
Concen: 18.361 ng
RT: 7.681 min Scan# 798
Delta R.T. 0.000 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:146 Resp: 646503
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 30.2 25.3 37.9

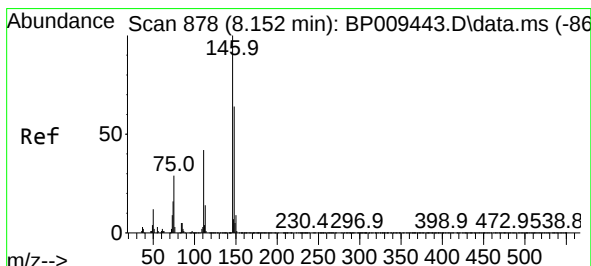
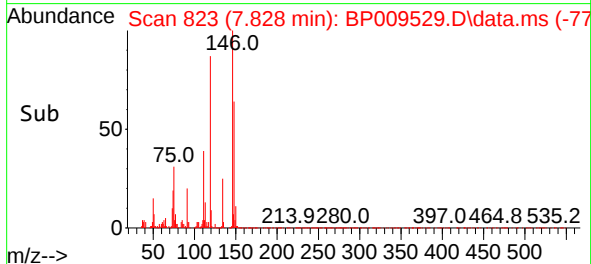
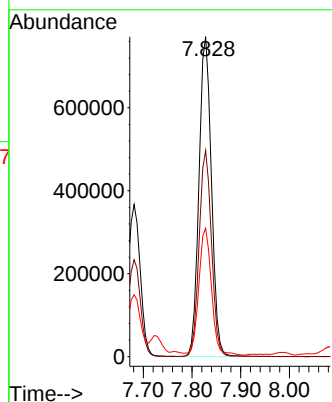
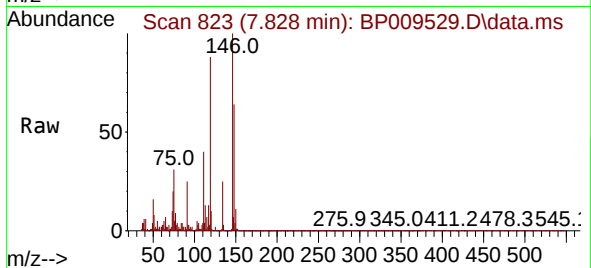




#13
1,4-Dichlorobenzene
Concen: 38.107 ng
RT: 7.828 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

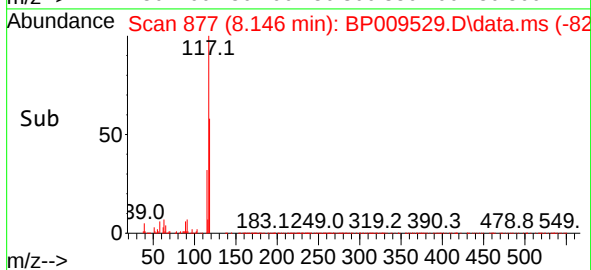
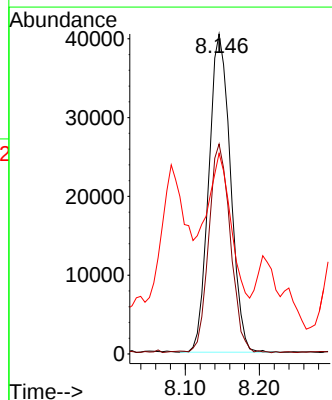
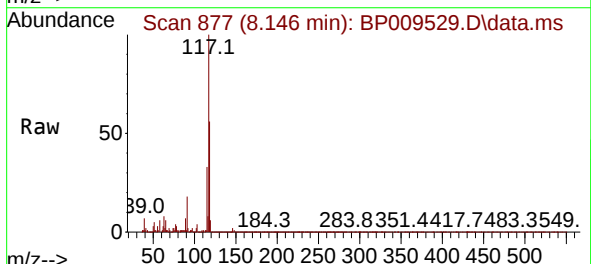
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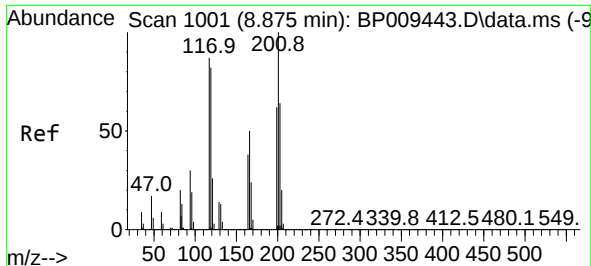
Tgt Ion:146 Resp: 1371869
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 40.1 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 2.362 ng
RT: 8.146 min Scan# 877
Delta R.T. 0.006 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:146 Resp: 82174
Ion Ratio Lower Upper
146 100
148 65.6 50.9 76.3
111 62.7 34.1 51.1#

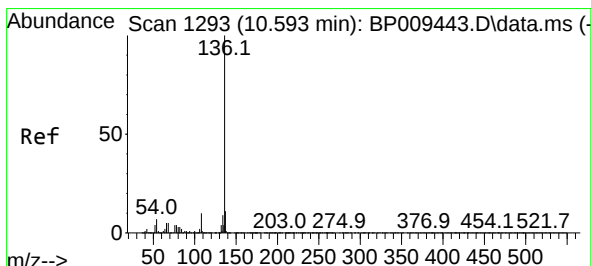
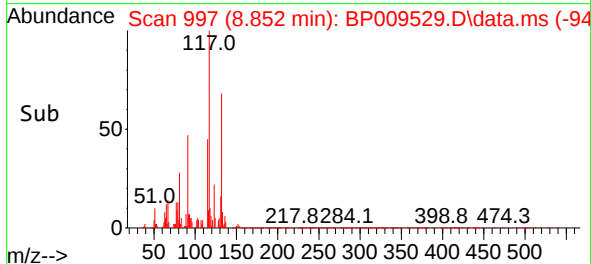
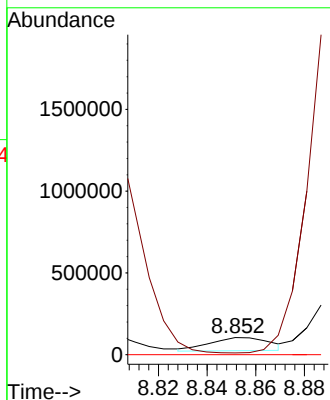
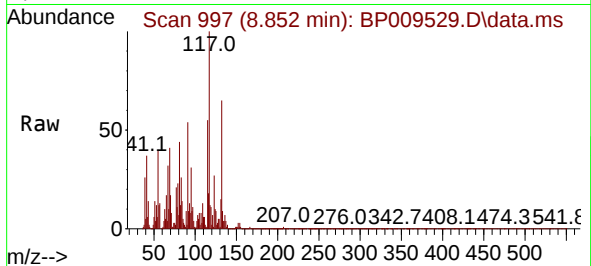




#18
Hexachloroethane
Concen: 10.800 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

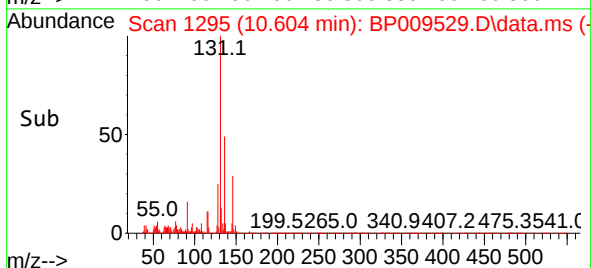
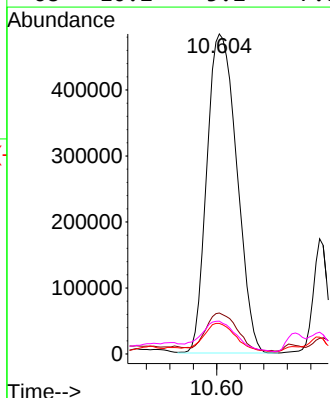
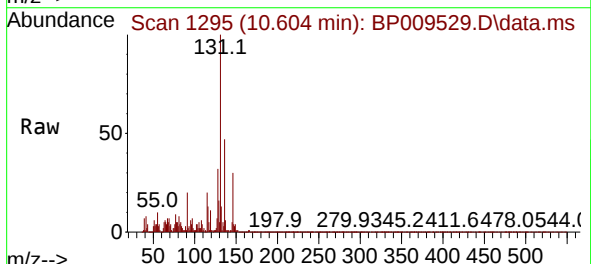
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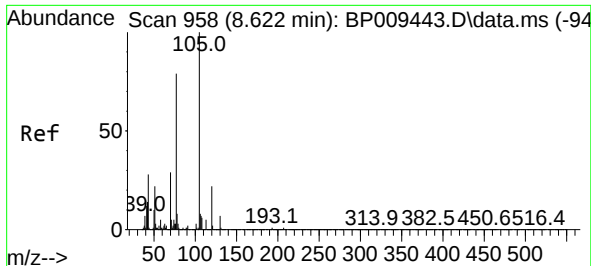
Tgt Ion:117 Resp: 136256
Ion Ratio Lower Upper
117 100
119 10.6 76.4 114.6#
201 0.0 83.4 125.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.024 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:136 Resp: 1704281
Ion Ratio Lower Upper
136 100
137 12.8 8.6 12.8
54 9.6 5.8 8.8#
68 10.2 5.2 7.8#

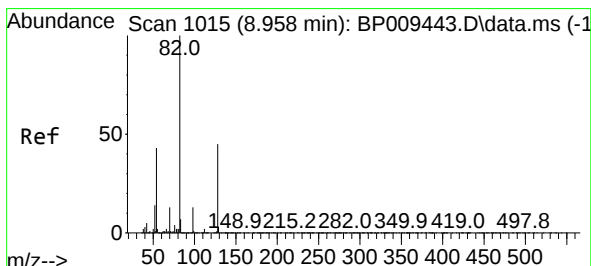
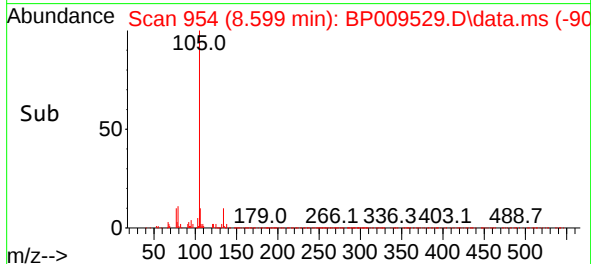
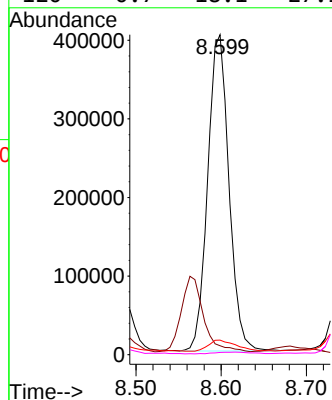
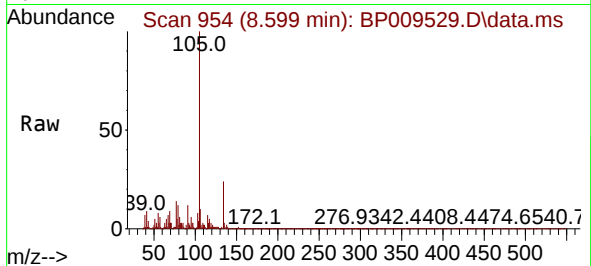




#22
Acetophenone
Concen: 16.544 ng
RT: 8.599 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

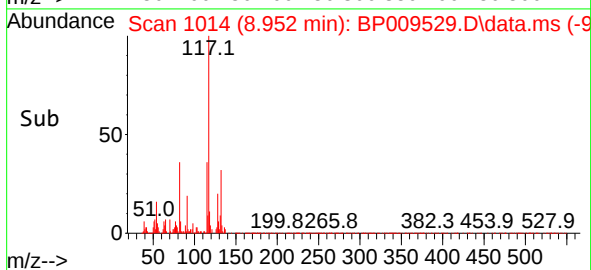
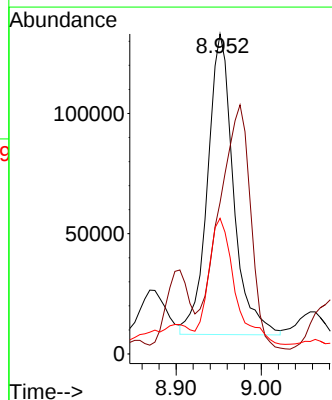
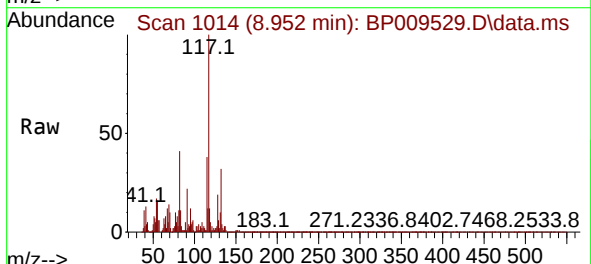
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

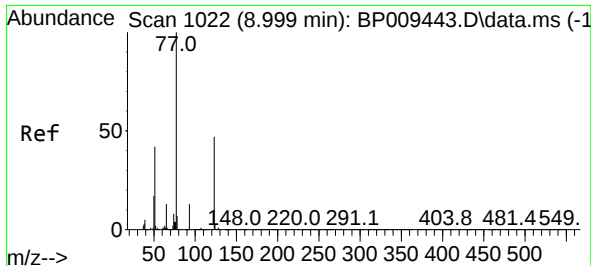
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Ion Ratio Lower Upper
105 100
71 2.8 5.5 8.3#
51 4.6 18.9 28.3#
120 0.7 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 8.222 ng
RT: 8.952 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion: 82 Resp: 263703
Ion Ratio Lower Upper
82 100
128 47.3 34.2 51.4
54 42.4 34.7 52.1

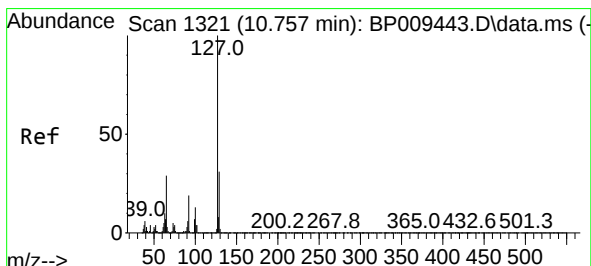
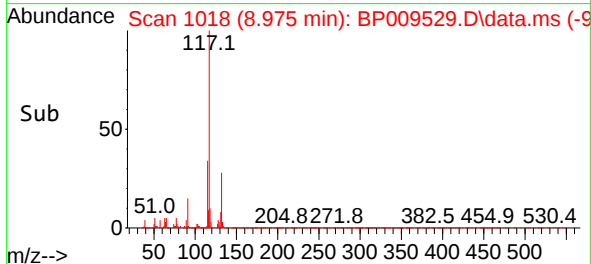
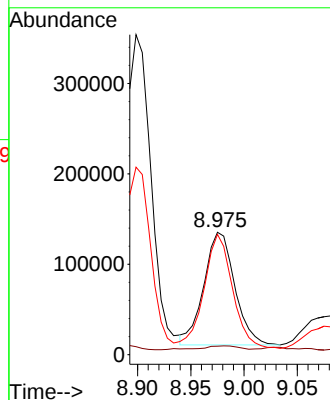
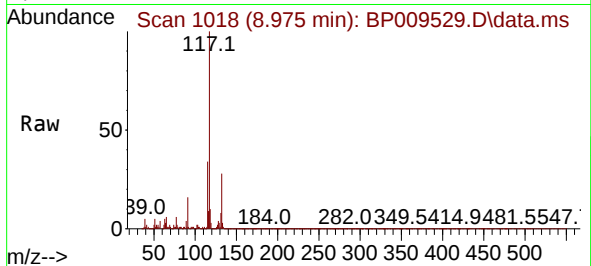




#24
Nitrobenzene
Concen: 8.312 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

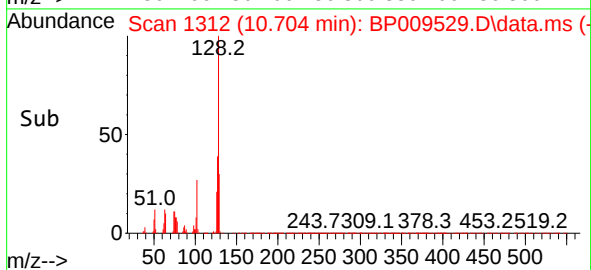
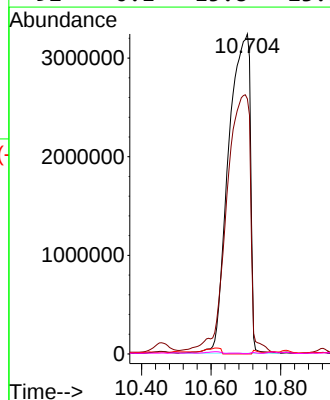
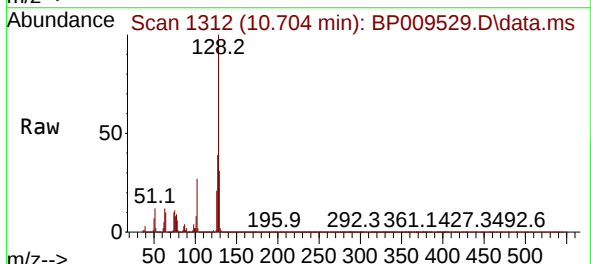
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

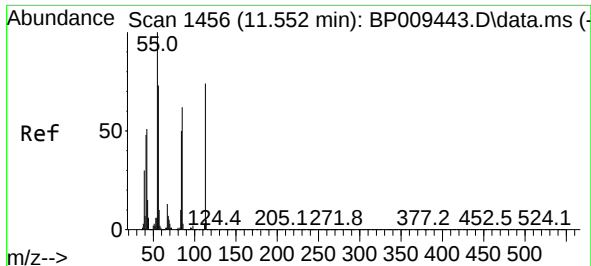
Tgt Ion: 77 Resp: 251833
Ion Ratio Lower Upper
77 100
123 7.0 35.5 53.3#
65 98.3 10.3 15.5#



#33
4-Chloroaniline
Concen: 390.385 ng
RT: 10.704 min Scan# 1312
Delta R.T. -0.041 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion: 127 Resp: 13984706
Ion Ratio Lower Upper
127 100
129 79.7 25.5 38.3#
65 0.0 24.3 36.5#
92 0.1 15.8 23.8#

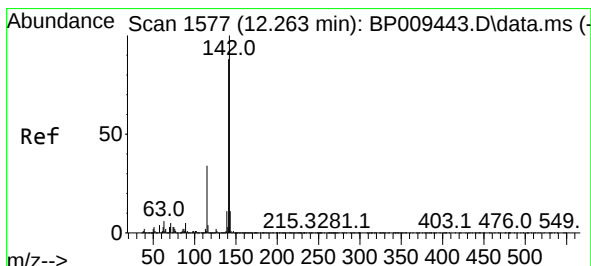
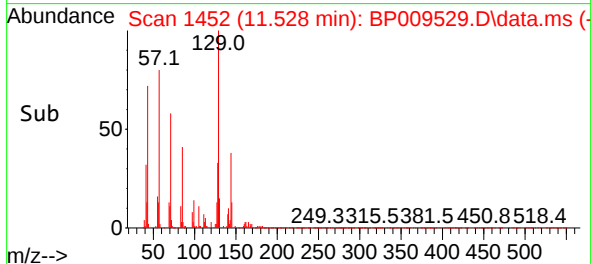
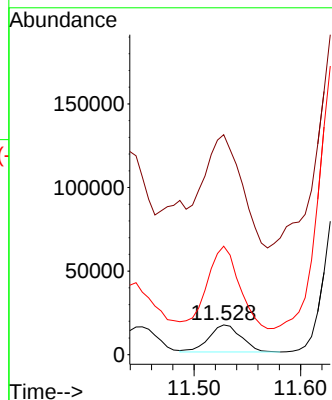
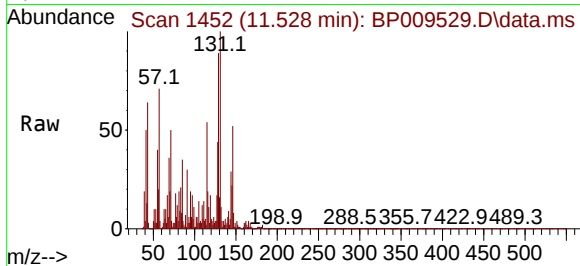




#35
Caprolactam
Concen: 3.722 ng
RT: 11.528 min Scan# 1456
Delta R.T. -0.029 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

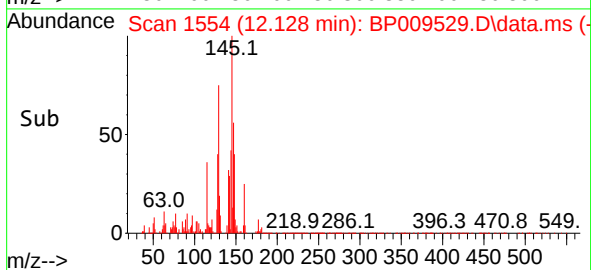
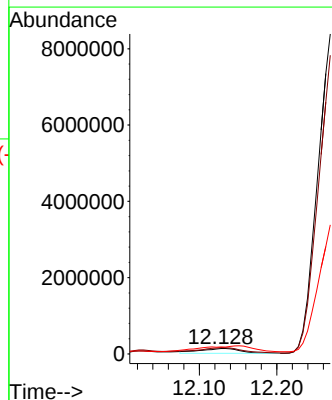
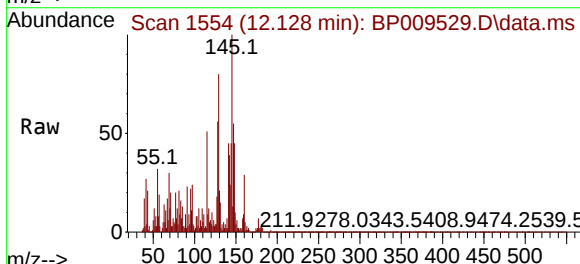
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

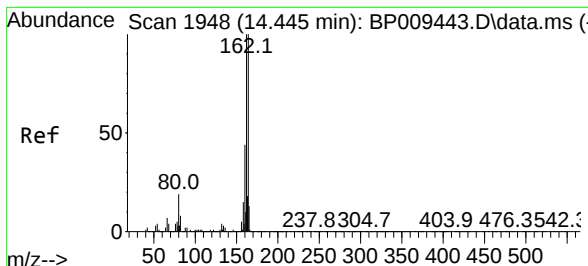
Tgt Ion:113 Resp: 34145
Ion Ratio Lower Upper
113 100
55 739.3 128.4 168.4#
56 364.3 90.9 130.9#



#37
2-Methylnaphthalene
Concen: 7.488 ng
RT: 12.128 min Scan# 1554
Delta R.T. -0.123 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:142 Resp: 461213
Ion Ratio Lower Upper
142 100
141 116.3 70.2 105.4#
115 129.9 27.4 41.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1948

Delta R.T. 0.012 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

Instrument :

BNA_P

ClientSampleId :

RW-1-20220321-16.0-17.0

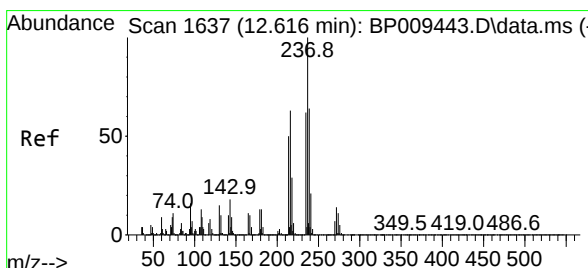
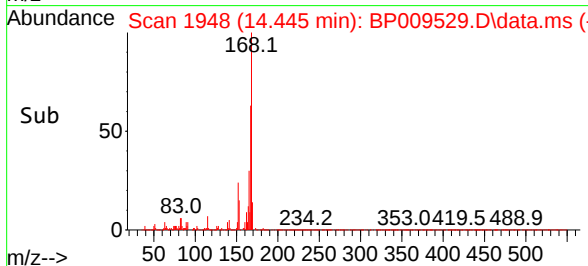
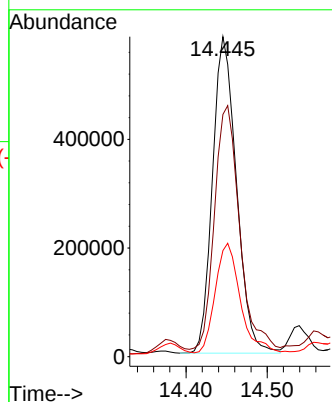
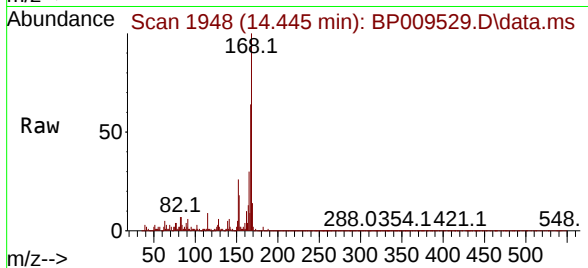
Tgt Ion:164 Resp: 1193724

Ion Ratio Lower Upper

164 100

162 75.7 79.1 118.7#

160 33.2 34.9 52.3#



#41

Hexachlorocyclopentadiene

Concen: 7.292 ng

RT: 12.851 min Scan# 1677

Delta R.T. 0.247 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

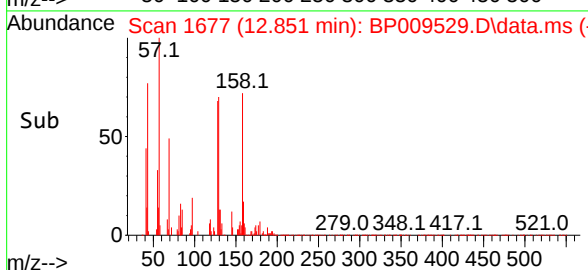
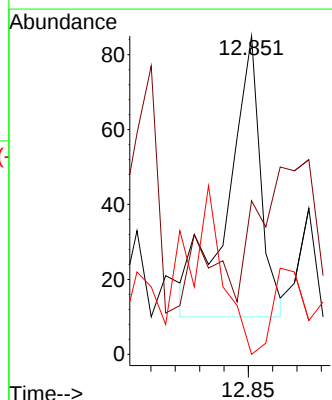
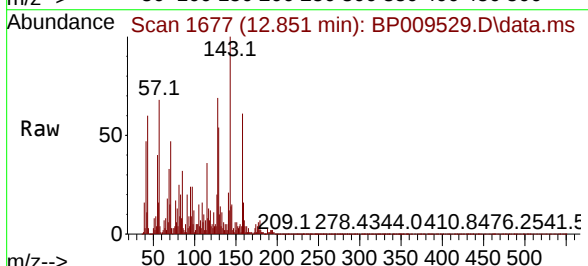
Tgt Ion:237 Resp: 71

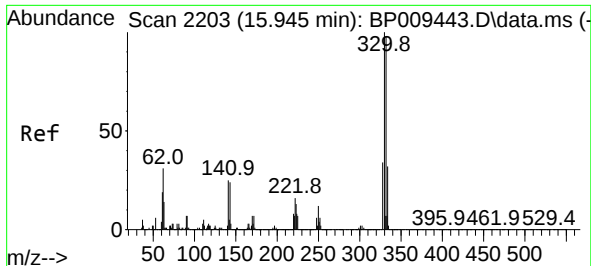
Ion Ratio Lower Upper

237 100

235 48.2 42.6 82.6

272 0.0 0.0 32.8

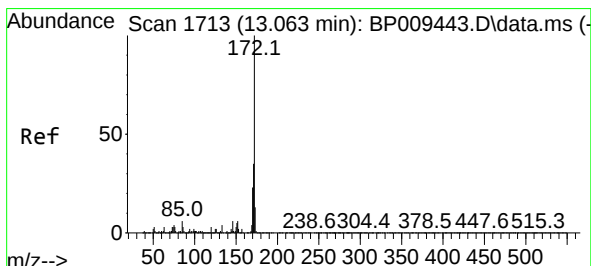
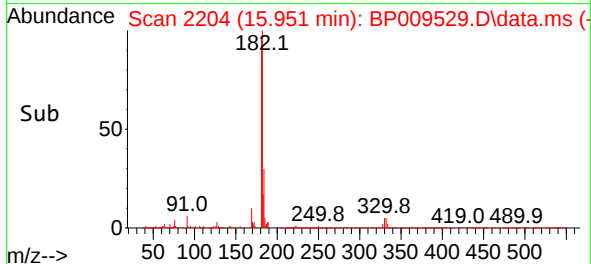
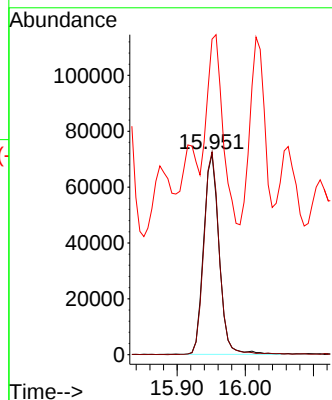
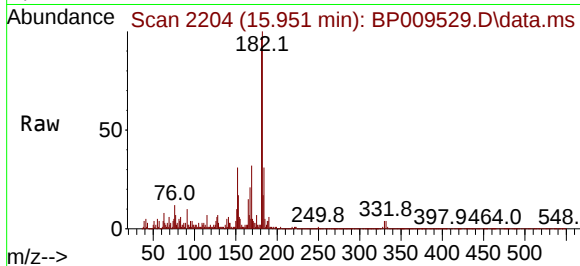




#42
2,4,6-Tribromophenol
Concen: 5.770 ng
RT: 15.951 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

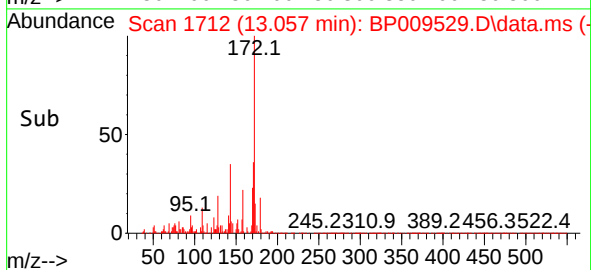
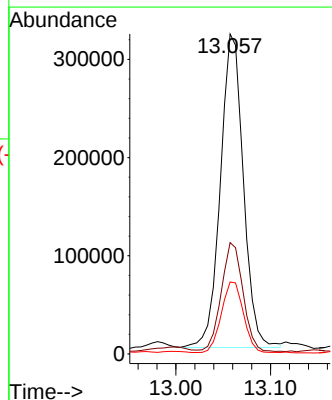
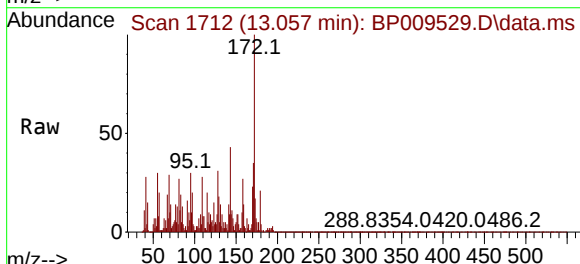
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

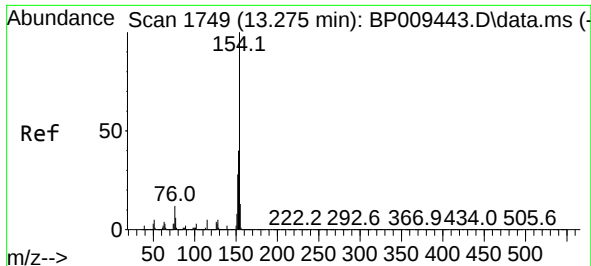
Tgt Ion:330 Resp: 113660
Ion Ratio Lower Upper
330 100
332 100.3 77.0 115.6
141 97.1 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 6.257 ng
RT: 13.057 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:172 Resp: 538788
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.5 18.6 27.8

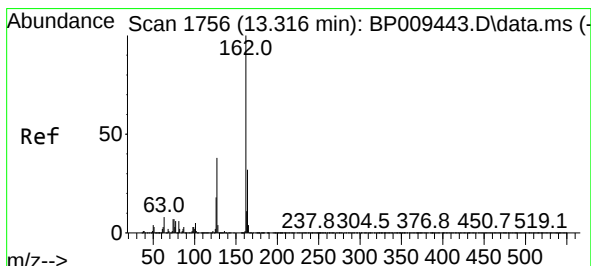
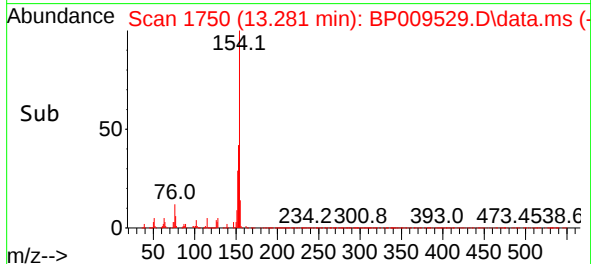
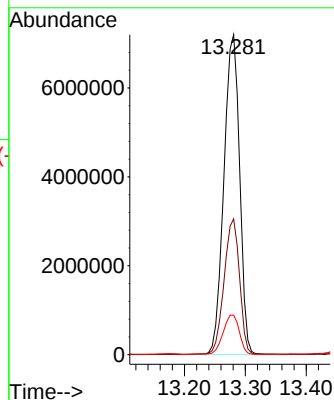
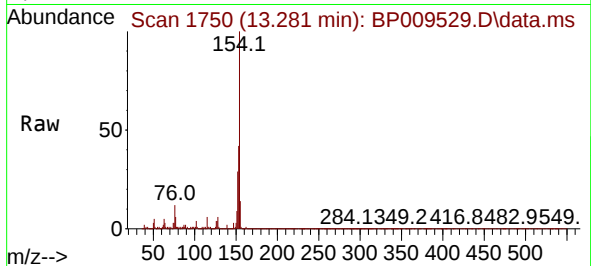




#46
1,1'-Biphenyl
Concen: 144.760 ng
RT: 13.281 min Scan# 1750
Delta R.T. 0.018 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

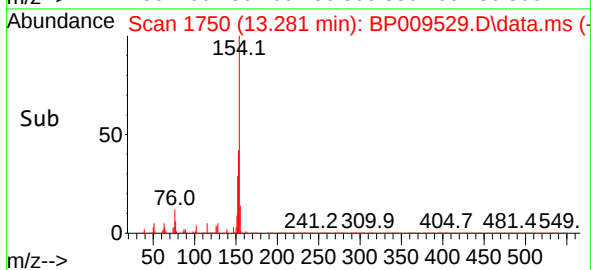
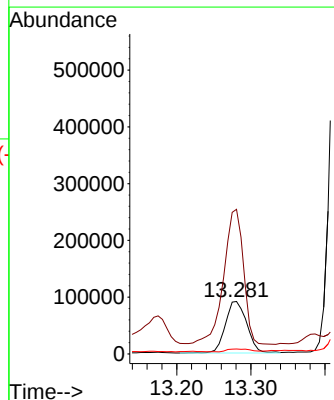
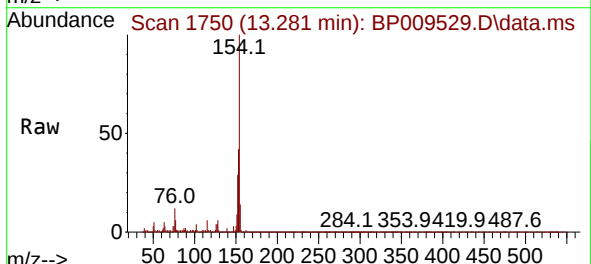
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

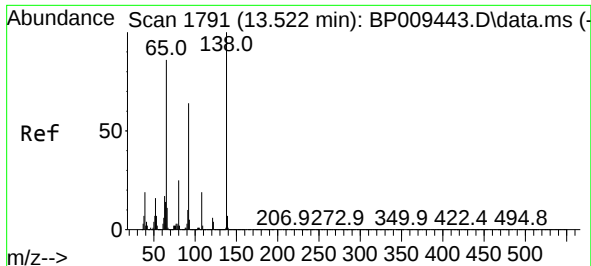
Tgt Ion:154 Resp:12891227
Ion Ratio Lower Upper
154 100
153 42.5 20.2 60.2
76 12.4 0.0 34.0



#47
2-Chloronaphthalene
Concen: 2.607 ng
RT: 13.281 min Scan# 1750
Delta R.T. -0.023 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:162 Resp: 182814
Ion Ratio Lower Upper
162 100
127 275.2 30.8 46.2#
164 9.3 26.3 39.5#

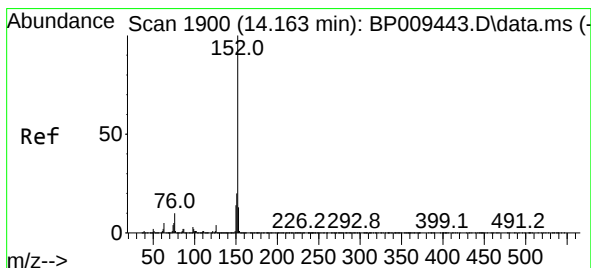
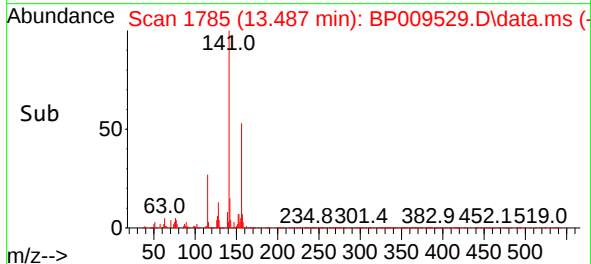
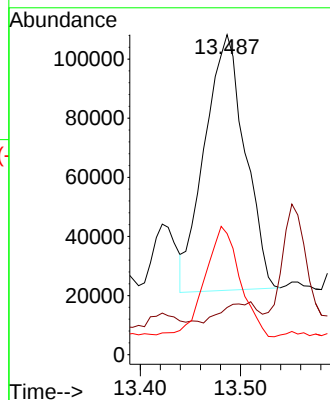
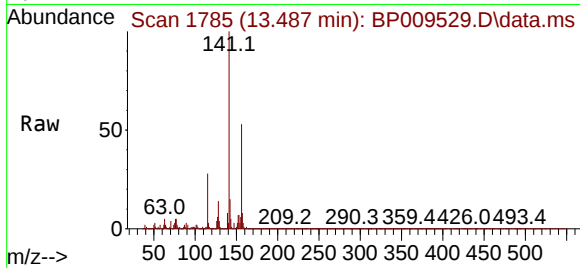




#48
2-Nitroaniline
Concen: 12.654 ng
RT: 13.487 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

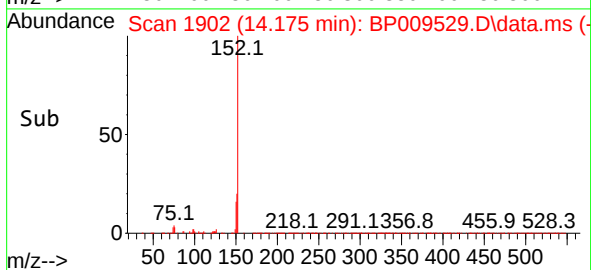
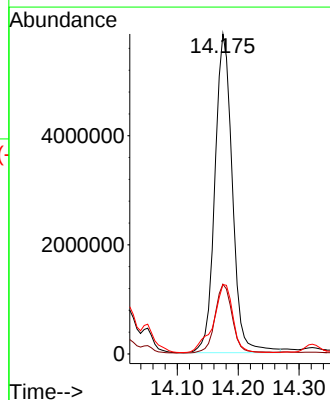
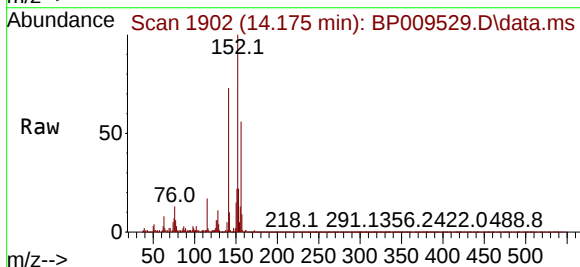
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

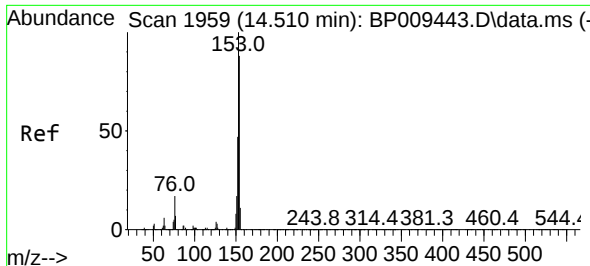
Tgt Ion: 65 Resp: 241640
Ion Ratio Lower Upper
65 100
92 14.7 56.9 85.3#
138 37.9 89.3 133.9#



#49
Acenaphthylene
Concen: 107.659 ng
RT: 14.175 min Scan# 1902
Delta R.T. 0.024 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion: 152 Resp: 11652261
Ion Ratio Lower Upper
152 100
151 21.8 15.9 23.9
153 21.7 10.7 16.1#

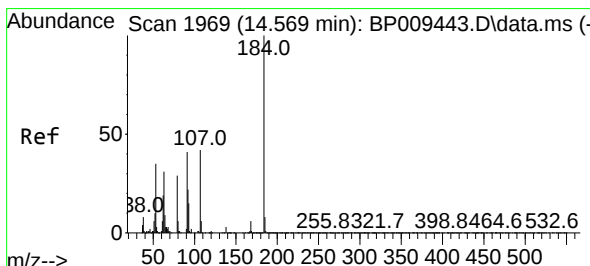
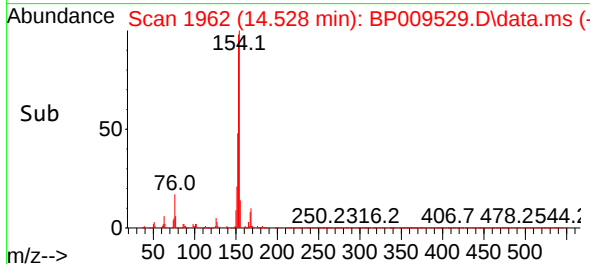
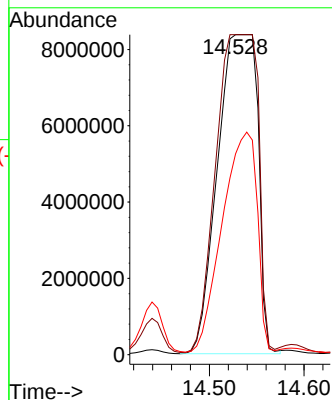
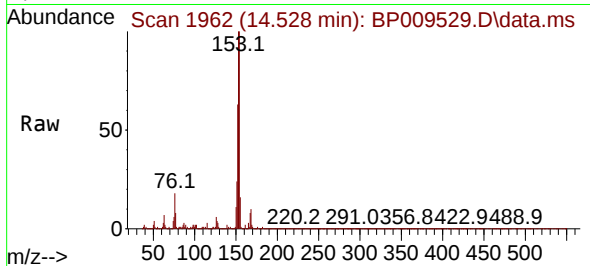




#52
Acenaphthene
Concen: 380.086 ng
RT: 14.528 min Scan# 1962
Delta R.T. 0.030 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

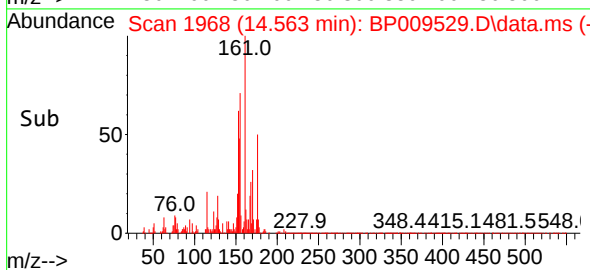
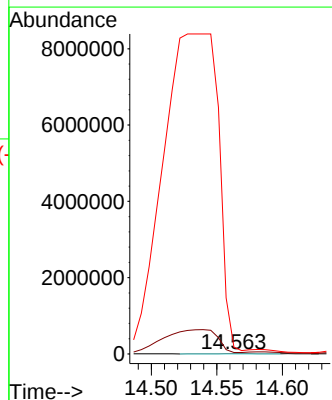
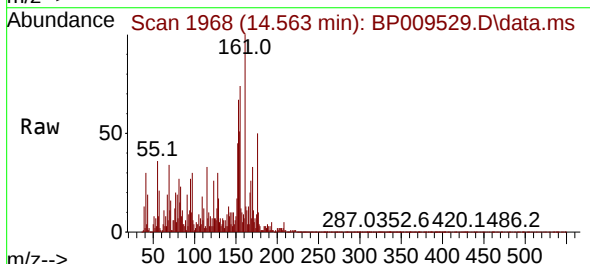
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

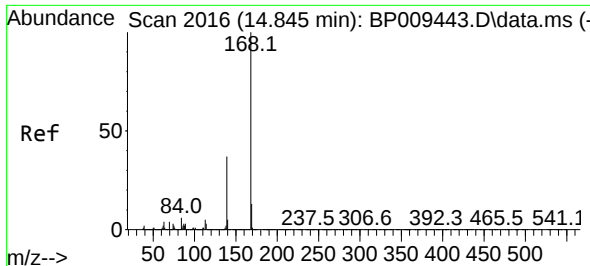
Tgt Ion:154 Resp:24574116
Ion Ratio Lower Upper
154 100
153 100.0 90.2 135.4
152 62.7 42.7 64.1



#54
2,4-Dinitrophenol
Concen: 6.063 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:184 Resp: 19110
Ion Ratio Lower Upper
184 100
63 380.1 46.3 69.5#
154 1755.7 45.8 68.6#

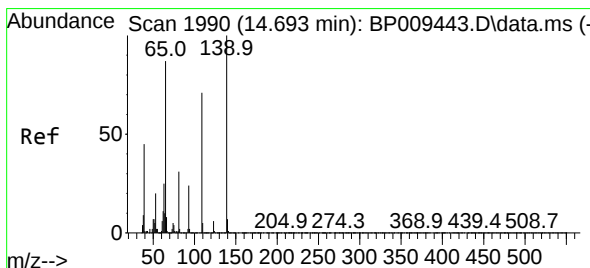
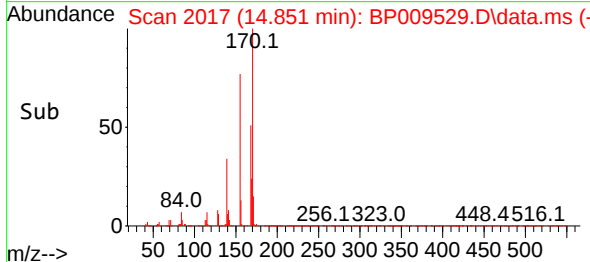
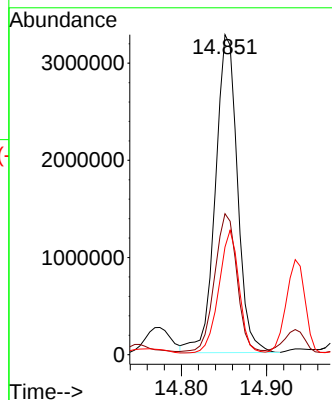
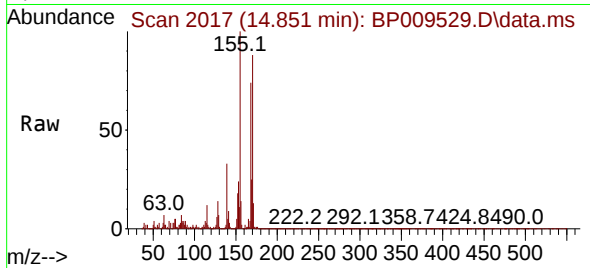




#55
Dibenzenofuran
Concen: 54.233 ng
RT: 14.851 min Scan# 2016
Delta R.T. 0.018 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

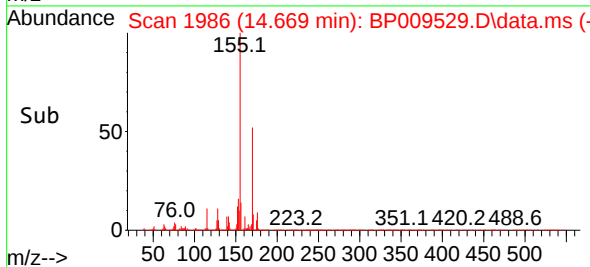
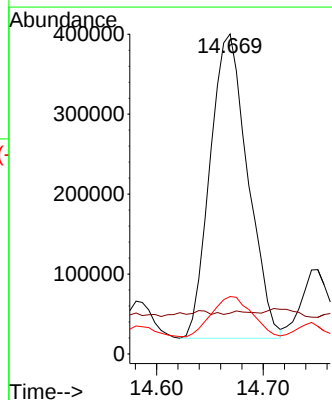
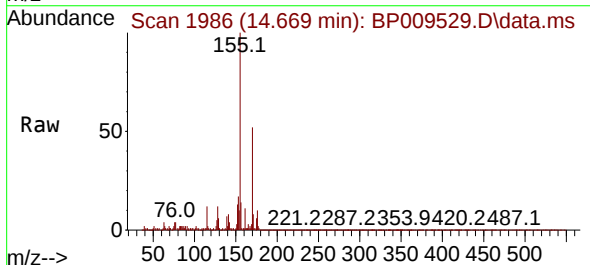
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

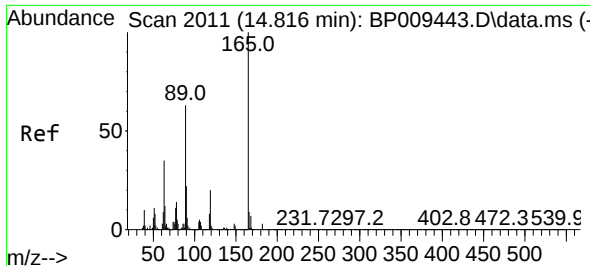
Tgt Ion:168 Resp: 5890684
Ion Ratio Lower Upper
168 100
139 44.0 29.1 43.7#
169 33.6 10.6 16.0#



#56
4-Nitrophenol
Concen: 62.870 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:139 Resp: 938085
Ion Ratio Lower Upper
139 100
109 12.7 51.2 91.2#
65 18.0 73.2 113.2#





#57

2,4-Dinitrotoluene

Concen: 12.491 ng

RT: 14.810 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

Instrument :

BNA_P

ClientSampleId :

RW-1-20220321-16.0-17.0

Tgt Ion:165 Resp: 325499

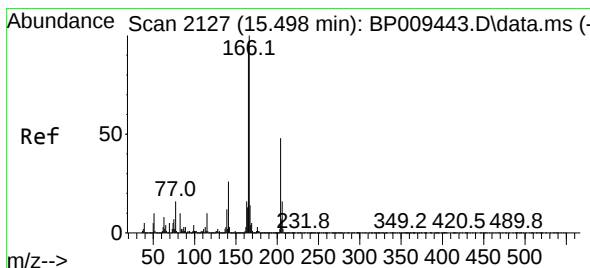
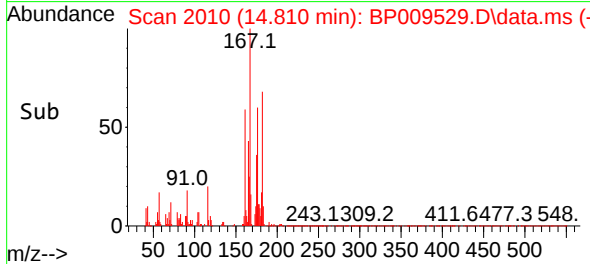
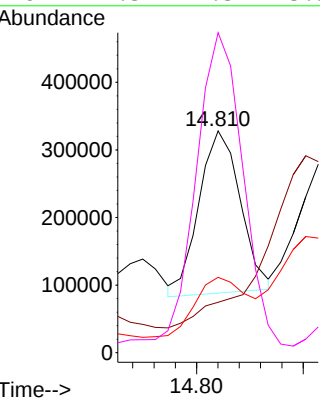
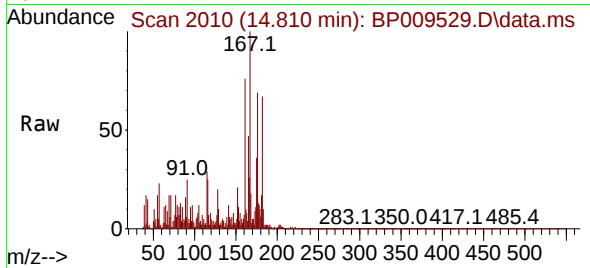
Ion Ratio Lower Upper

165 100

63 22.7 31.4 47.2#

89 34.0 55.9 83.9#

182 144.3 2.3 3.5#



#58

Fluorene

Concen: 240.220 ng

RT: 15.510 min Scan# 2129

Delta R.T. 0.024 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

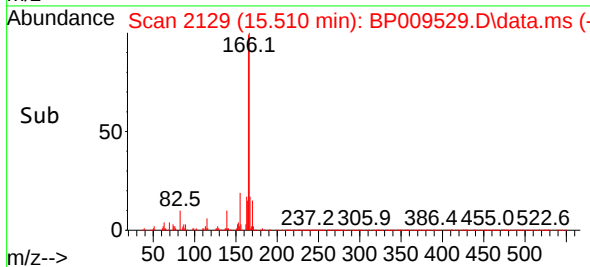
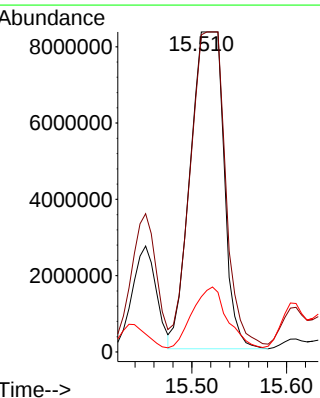
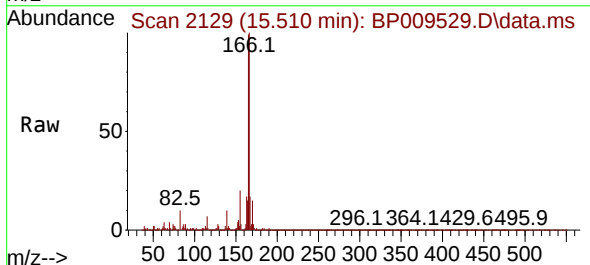
Tgt Ion:166 Resp:20520811

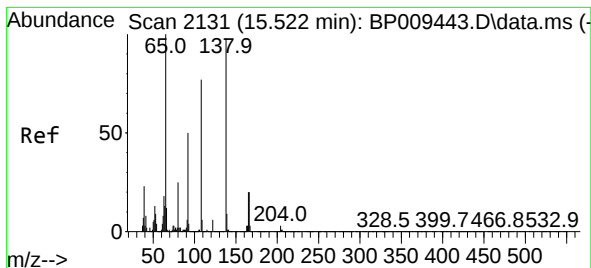
Ion Ratio Lower Upper

166 100

165 99.1 79.2 118.8

167 17.2 10.7 16.1#

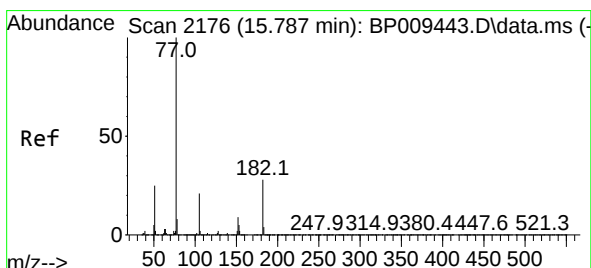
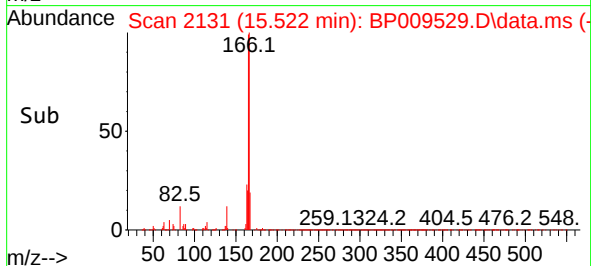
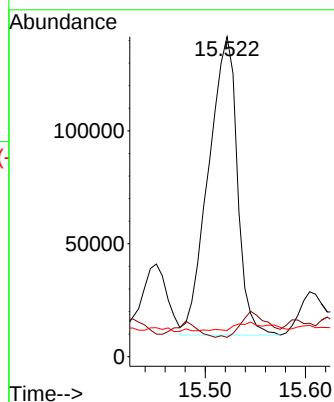
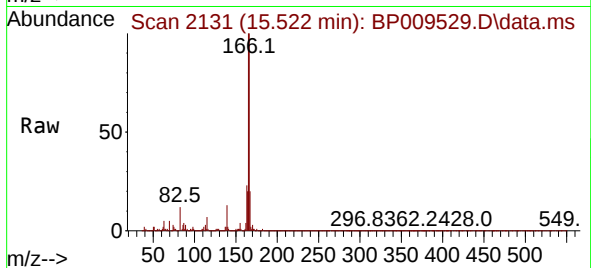




#62
4-Nitroaniline
Concen: 12.548 ng
RT: 15.522 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

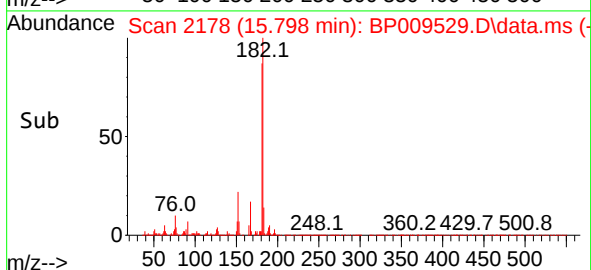
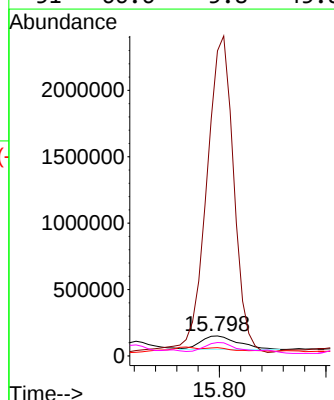
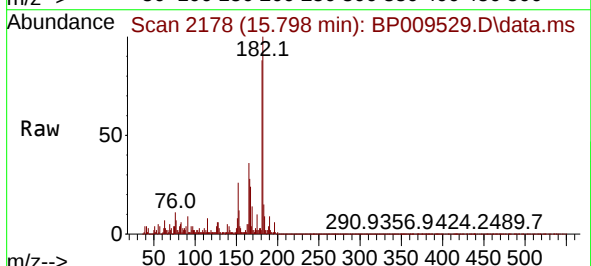
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

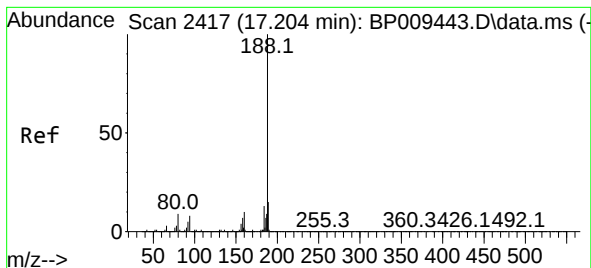
Tgt Ion:138 Resp: 263783
Ion Ratio Lower Upper
138 100
92 6.0 31.2 71.2#
108 8.2 54.3 94.3#



#63
Azobenzene
Concen: 3.169 ng
RT: 15.798 min Scan# 2178
Delta R.T. 0.018 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion: 77 Resp: 249592
Ion Ratio Lower Upper
77 100
182 1518.8 5.4 45.4#
105 41.2 0.3 40.3#
51 66.6 5.8 45.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.222 min Scan# 2417

Delta R.T. 0.024 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

Instrument :

BNA_P

ClientSampleId :

RW-1-20220321-16.0-17.0

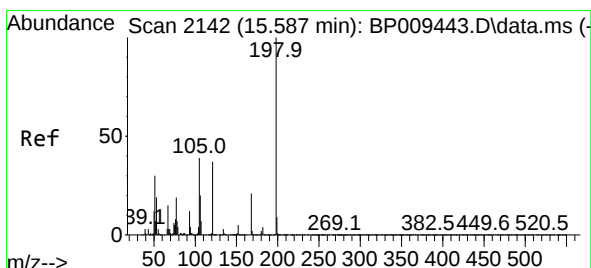
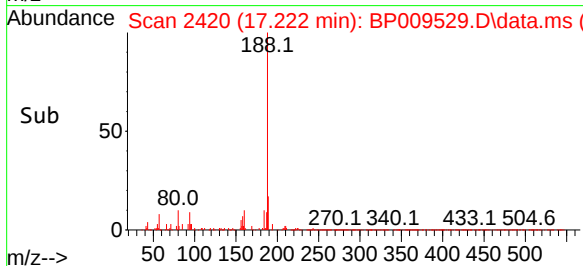
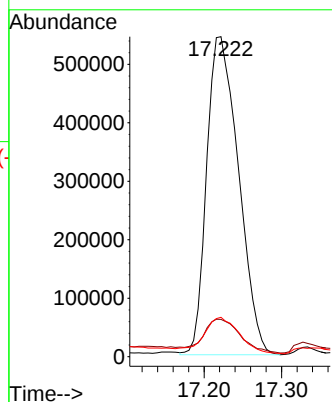
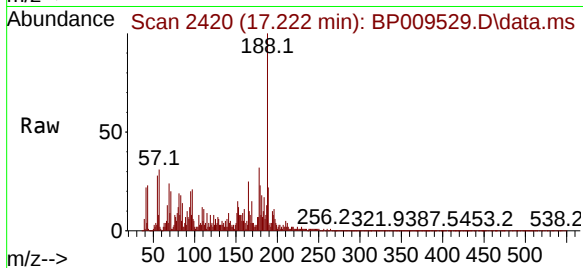
Tgt Ion:188 Resp: 1555949

Ion Ratio Lower Upper

188 100

94 11.7 7.9 11.9

80 12.3 8.8 13.2



#65

4,6-Dinitro-2-methylphenol

Concen: 2.406 ng

RT: 15.622 min Scan# 2148

Delta R.T. 0.041 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

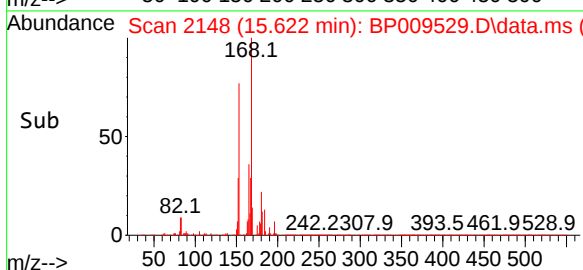
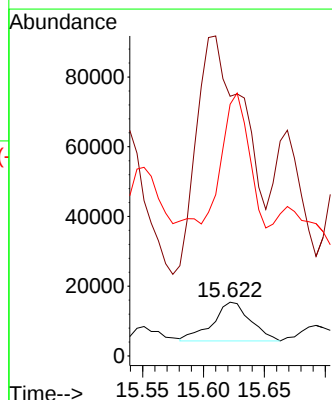
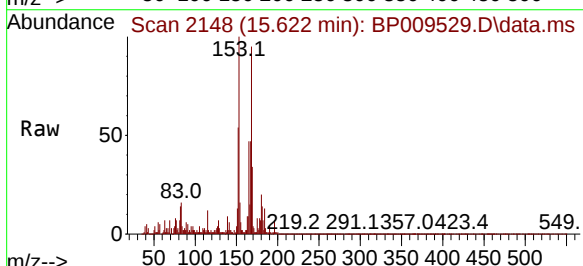
Tgt Ion:198 Resp: 24068

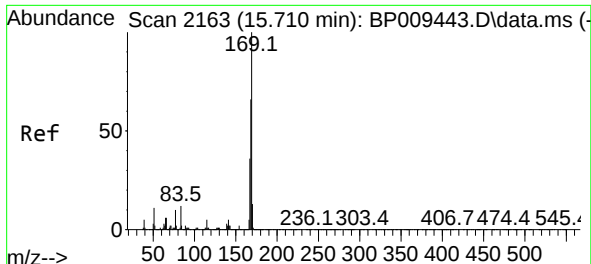
Ion Ratio Lower Upper

198 100

51 482.4 17.7 57.7#

105 467.4 23.2 63.2#

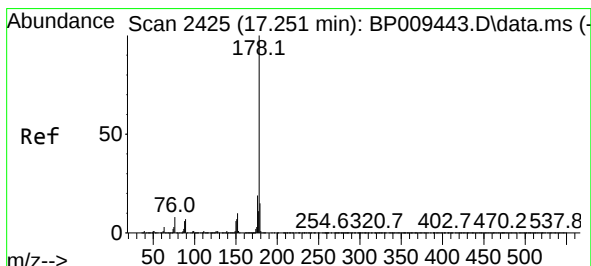
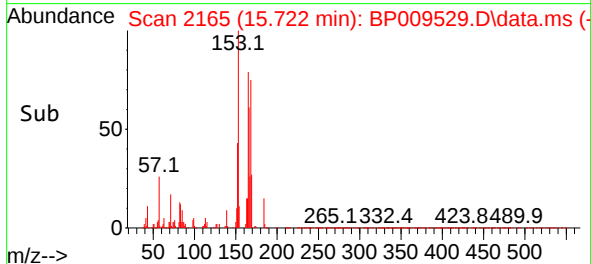
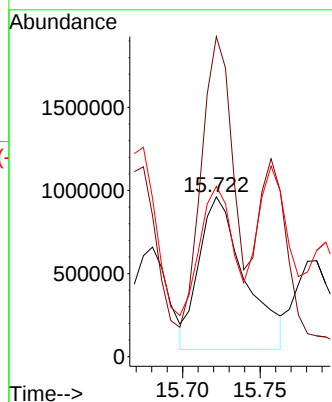
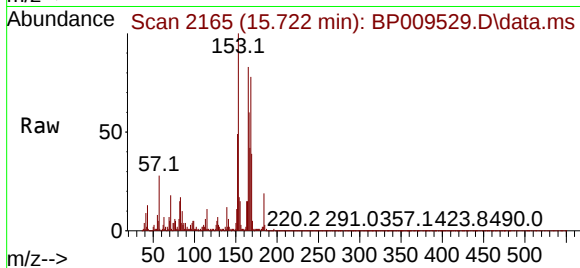




#66
 n-Nitrosodiphenylamine
 Concen: 40.968 ng
 RT: 15.722 min Scan# 2165
 Delta R.T. 0.018 min
 Lab File: BP009529.D
 Acq: 24 Mar 2022 04:11

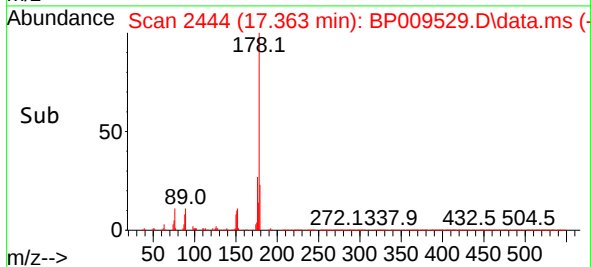
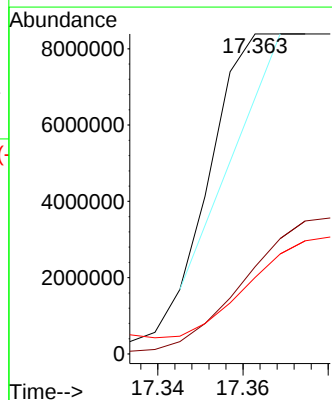
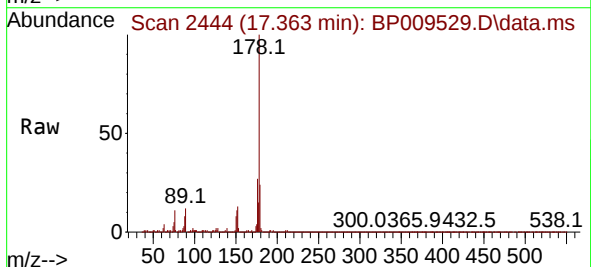
Instrument :
 BNA_P
 ClientSampleId :
 RW-1-20220321-16.0-17.0

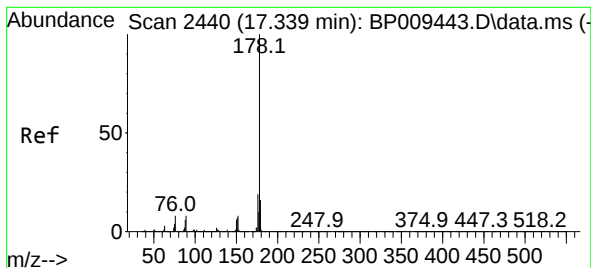
Tgt Ion:169 Resp: 1886368
 Ion Ratio Lower Upper
 169 100
 168 200.2 51.6 77.4#
 167 106.7 29.0 43.4#



#71
 Phenanthrene
 Concen: 40.347 ng
 RT: 17.363 min Scan# 2444
 Delta R.T. 0.124 min
 Lab File: BP009529.D
 Acq: 24 Mar 2022 04:11

Tgt Ion:178 Resp: 3360537
 Ion Ratio Lower Upper
 178 100
 176 27.3 15.4 23.2#
 179 23.9 12.3 18.5#





#72

Anthracene

Concen: 40.865 ng

RT: 17.363 min Scan# 2440

Delta R.T. 0.030 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

Instrument :

BNA_P

ClientSampleId :

RW-1-20220321-16.0-17.0

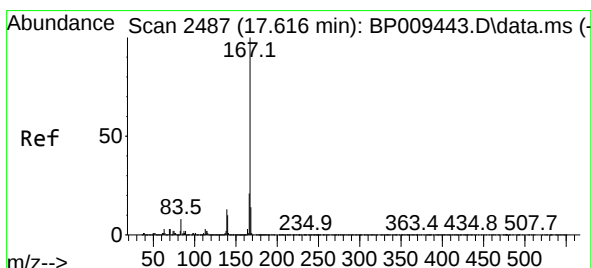
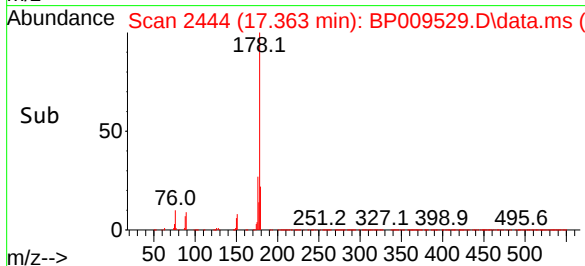
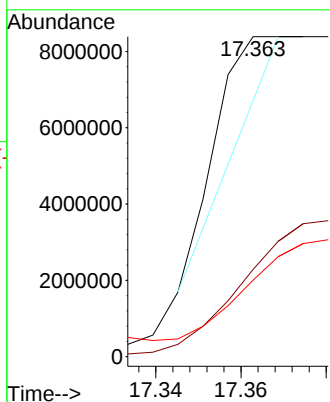
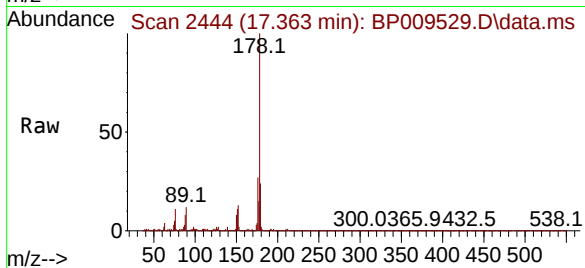
Tgt Ion:178 Resp: 3360537

Ion Ratio Lower Upper

178 100

176 27.3 14.8 22.2#

179 23.9 12.2 18.4#



#73

Carbazole

Concen: 6.146 ng

RT: 17.622 min Scan# 2488

Delta R.T. 0.012 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

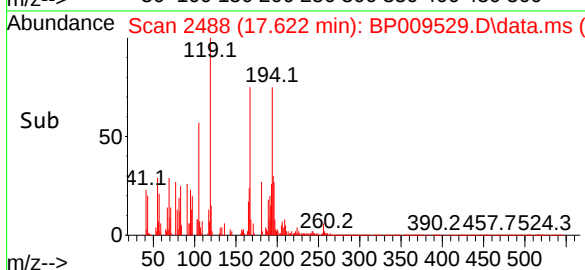
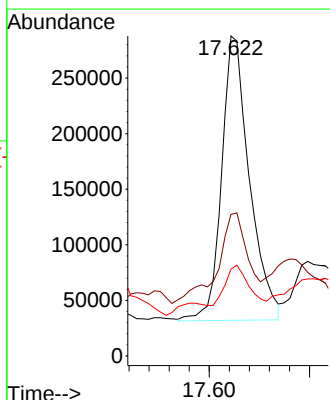
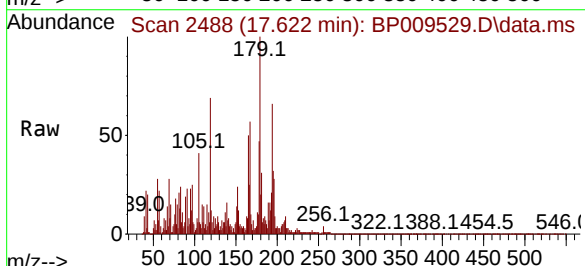
Tgt Ion:167 Resp: 494266

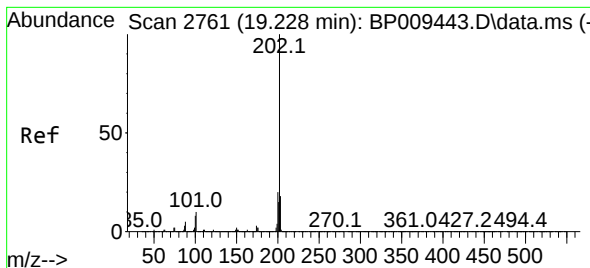
Ion Ratio Lower Upper

167 100

166 44.3 17.2 25.8#

139 27.2 10.3 15.5#





#75

Fluoranthene

Concen: 34.795 ng

RT: 19.239 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

Instrument :

BNA_P

ClientSampleId :

RW-1-20220321-16.0-17.0

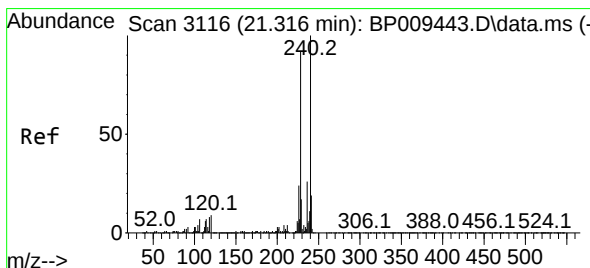
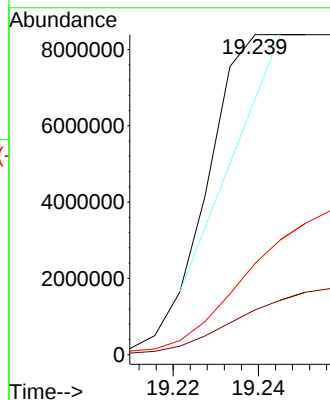
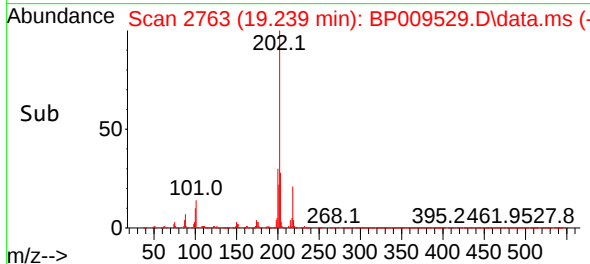
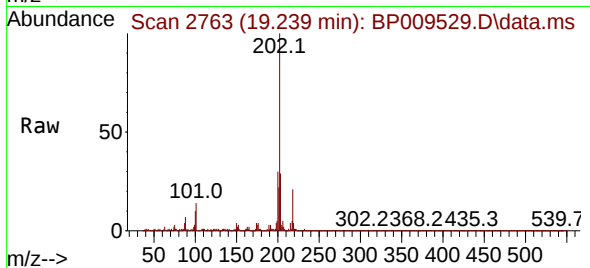
Tgt Ion:202 Resp: 3508587

Ion Ratio Lower Upper

202 100

101 14.0 0.0 31.5

203 28.5 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 3120

Delta R.T. 0.024 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

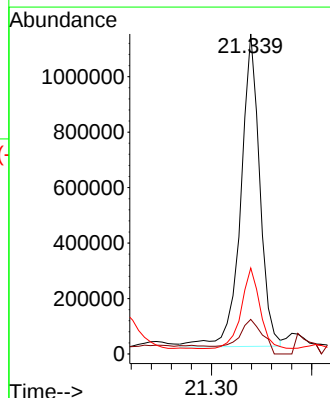
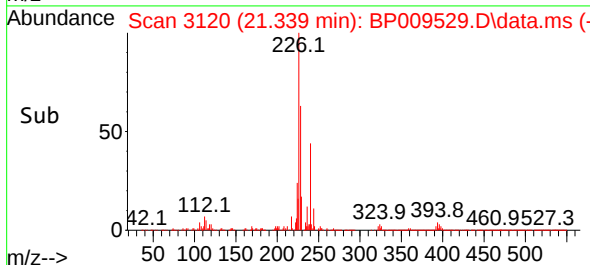
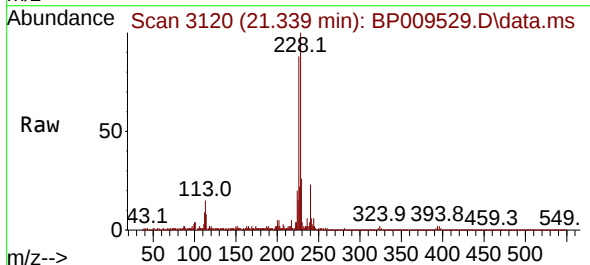
Tgt Ion:240 Resp: 1487301

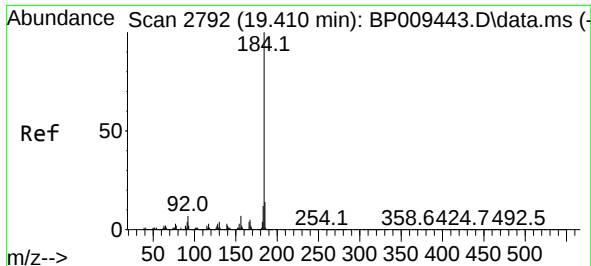
Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

236 26.9 20.6 30.8

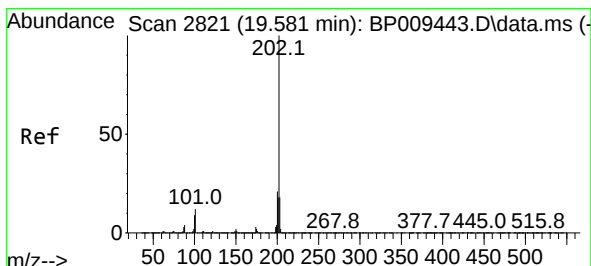
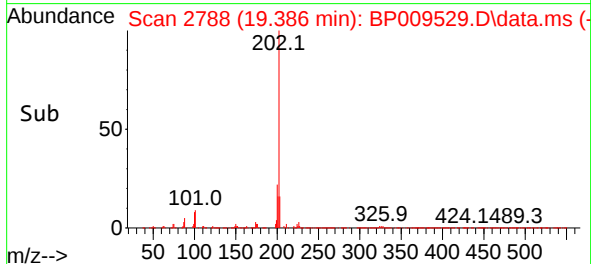
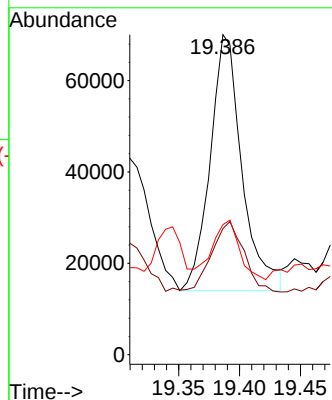
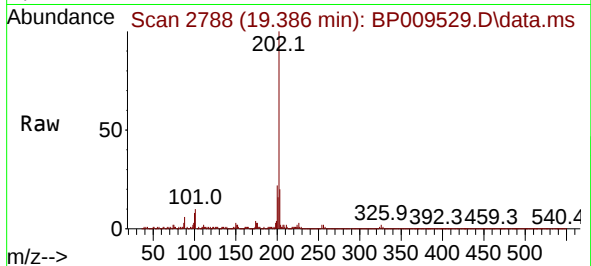




#77
Benzidine
Concen: 2.798 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

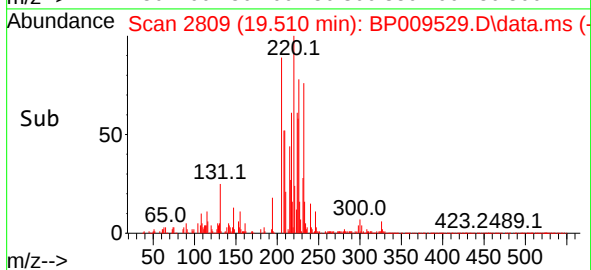
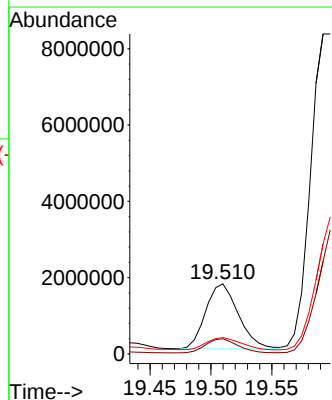
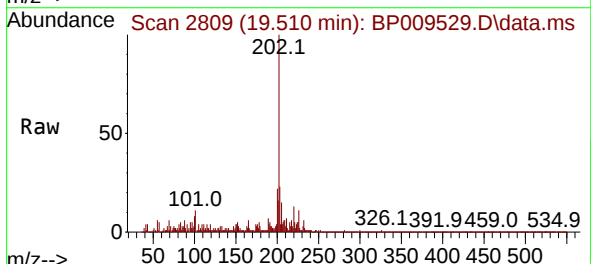
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

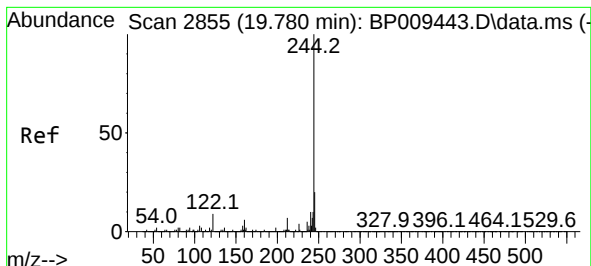
Tgt Ion:184 Resp: 102000
Ion Ratio Lower Upper
184 100
185 39.4 11.5 17.3#
183 40.7 9.4 14.0#



#78
Pyrene
Concen: 32.411 ng
RT: 19.510 min Scan# 2809
Delta R.T. -0.065 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:202 Resp: 3176493
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 23.3 14.2 21.4#





#79

Terphenyl-d14

Concen: 7.167 ng

RT: 19.786 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

Instrument :

BNA_P

ClientSampleId :

RW-1-20220321-16.0-17.0

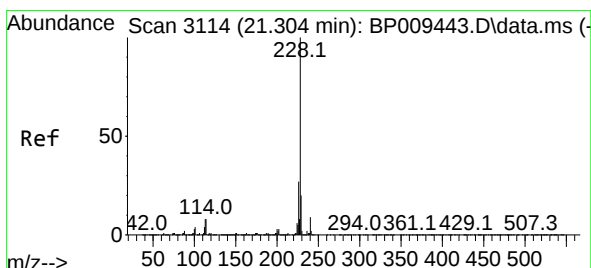
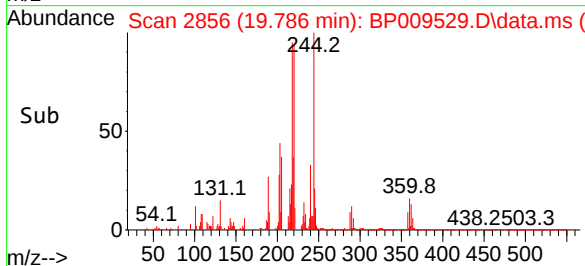
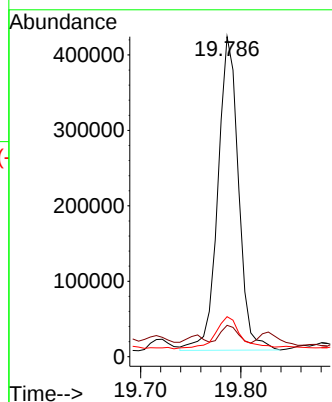
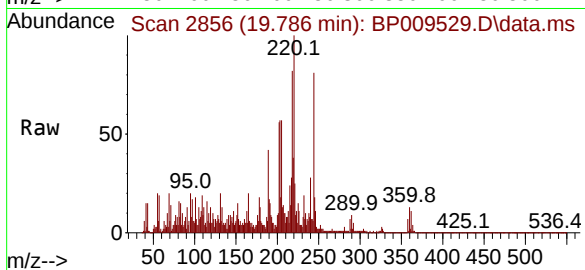
Tgt Ion:244 Resp: 593856

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.6#

122 12.5 8.3 12.5#



#81

Benzo(a)anthracene

Concen: 199.000 ng

RT: 21.316 min Scan# 3116

Delta R.T. 0.018 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

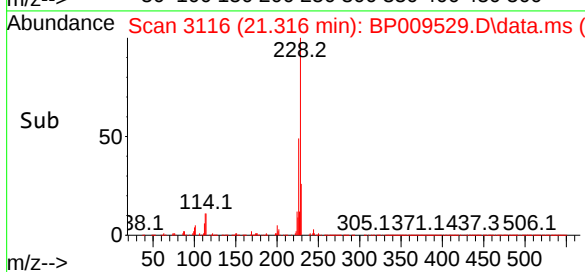
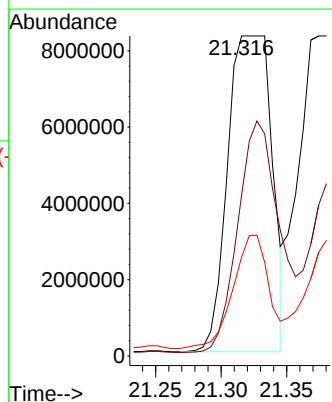
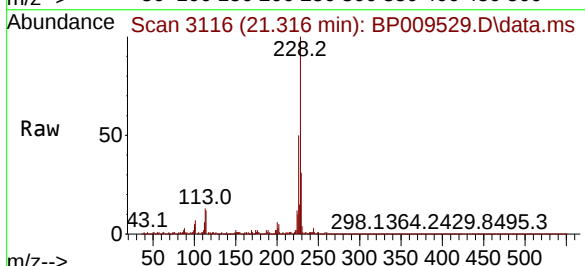
Tgt Ion:228 Resp:19445268

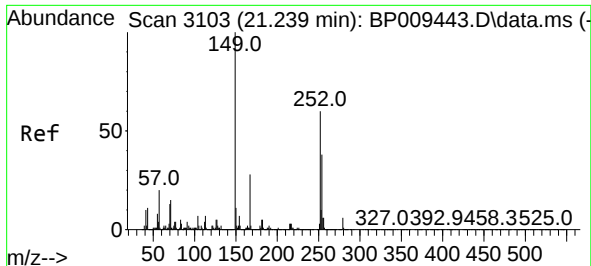
Ion Ratio Lower Upper

228 100

226 50.4 22.0 33.0#

229 31.0 16.1 24.1#

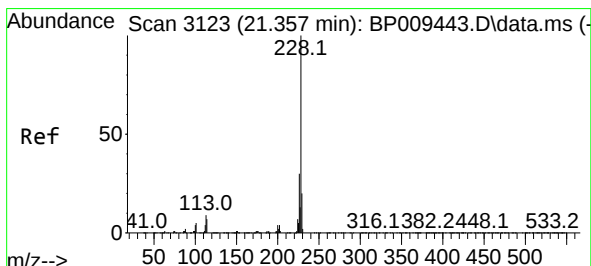
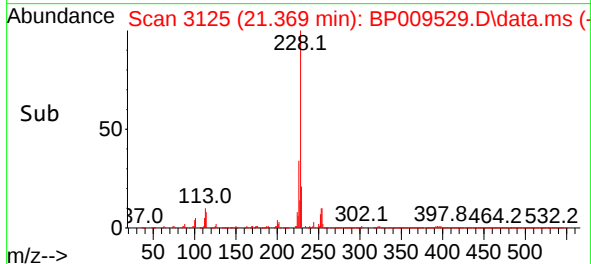
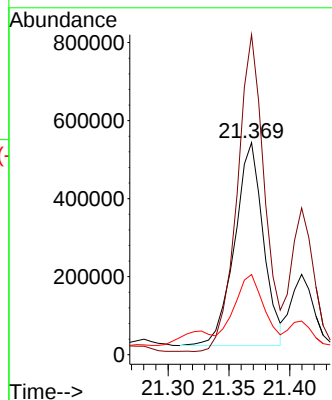
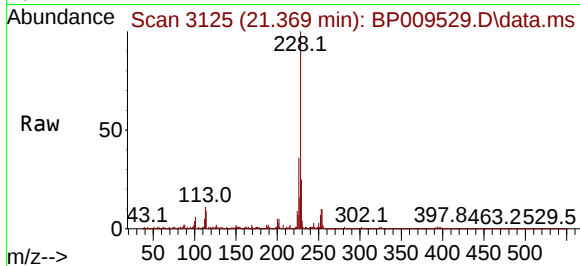




#82
3,3'-Dichlorobenzidine
Concen: 22.600 ng
RT: 21.369 min Scan# 3103
Delta R.T. 0.135 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

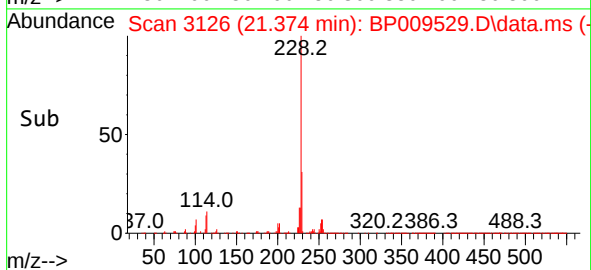
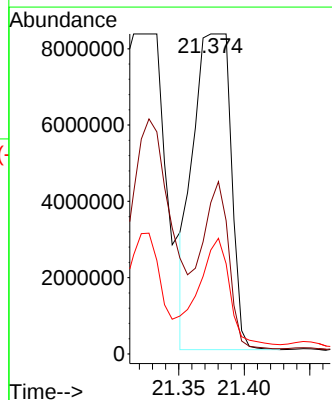
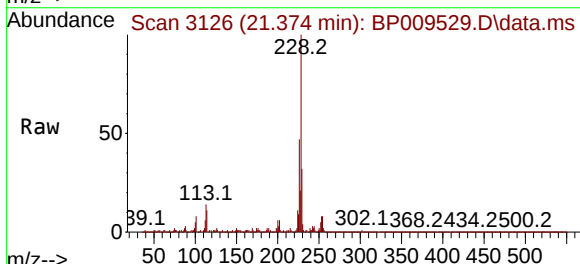
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

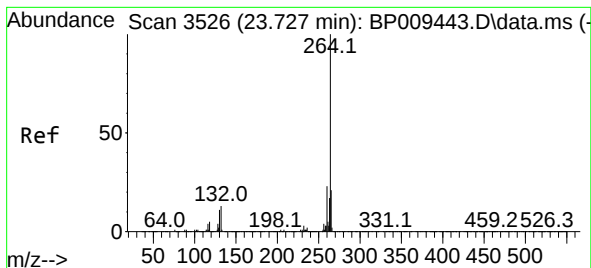
Tgt Ion:252 Resp: 853096
Ion Ratio Lower Upper
252 100
254 151.0 50.7 76.1#
126 37.8 8.9 13.3#



#83
Chrysene
Concen: 179.245 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.024 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:228 Resp:16585074
Ion Ratio Lower Upper
228 100
226 47.3 24.2 36.2#
229 32.4 16.1 24.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3

Delta R.T. 0.035 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

Instrument :

BNA_P

ClientSampleId :

RW-1-20220321-16.0-17.0

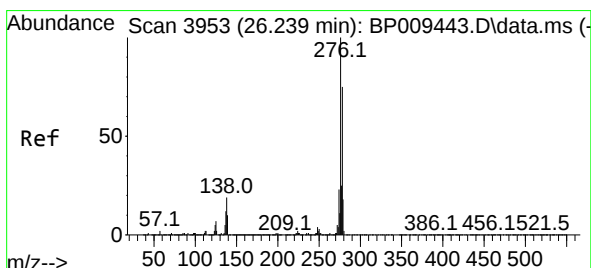
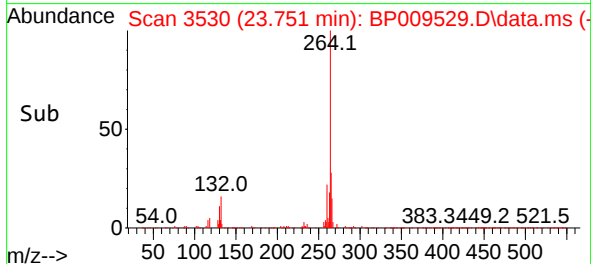
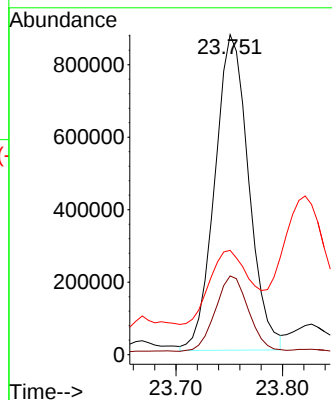
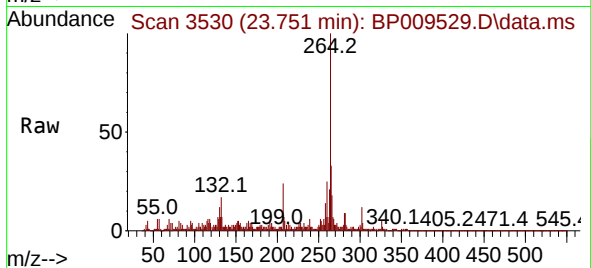
Tgt Ion:264 Resp: 1929800

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 32.6 17.2 25.8#



#87

Indeno(1,2,3-cd)pyrene

Concen: 83.705 ng

RT: 26.292 min Scan# 3962

Delta R.T. 0.065 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

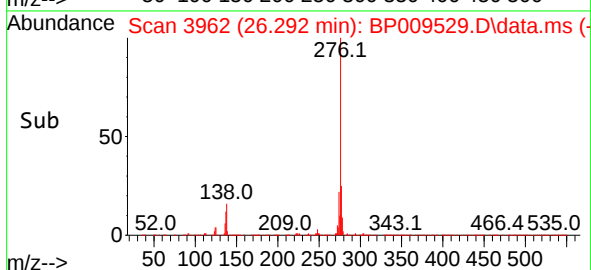
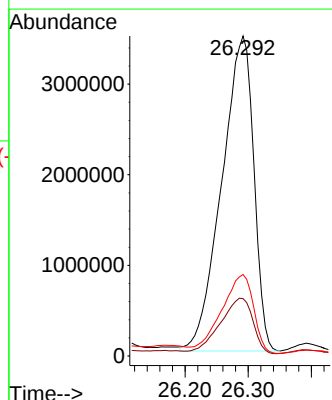
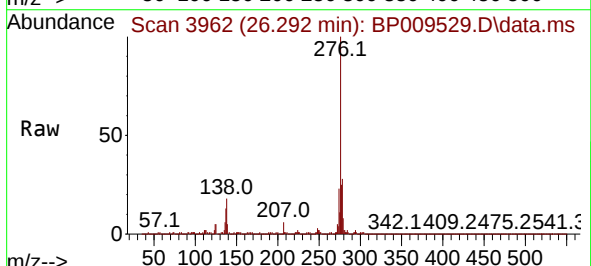
Tgt Ion:276 Resp:12255110

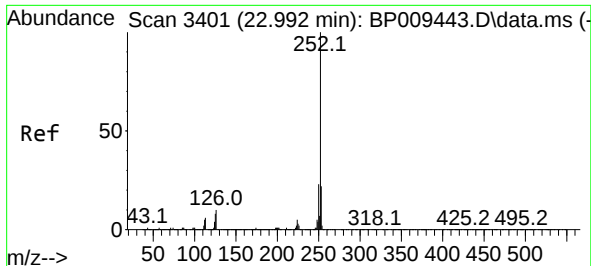
Ion Ratio Lower Upper

276 100

138 18.1 20.5 30.7#

277 25.2 20.4 30.6

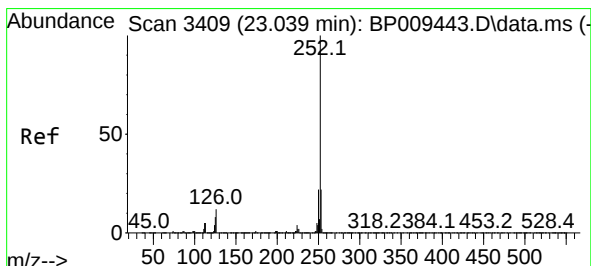
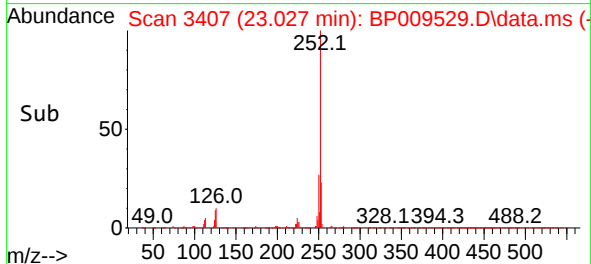
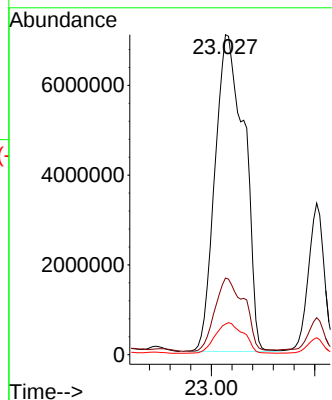
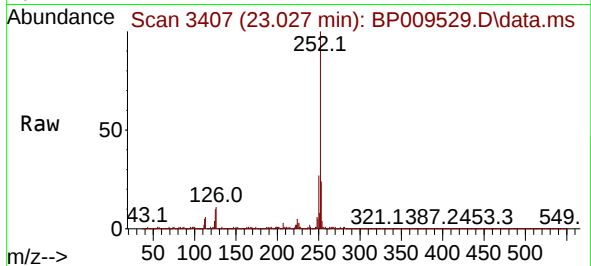




#88
Benzo(b)fluoranthene
Concen: 241.938 ng
RT: 23.027 min Scan# 3407
Delta R.T. 0.041 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

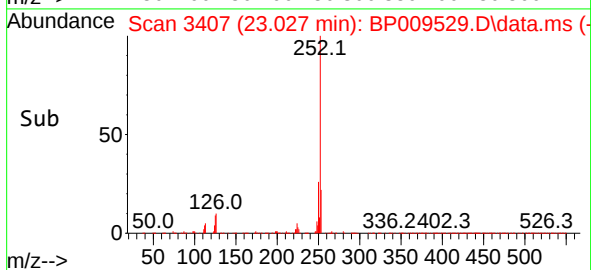
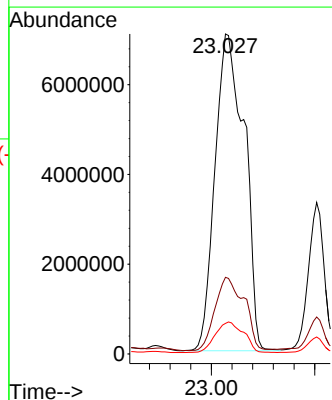
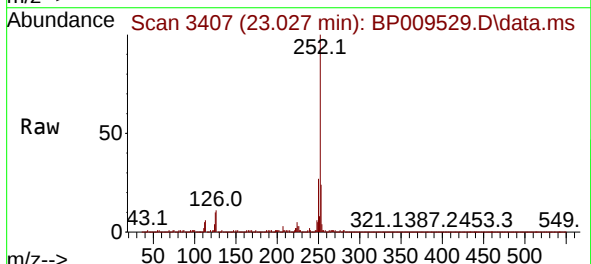
Instrument :
BNA_P
ClientSampleId :
RW-1-20220321-16.0-17.0

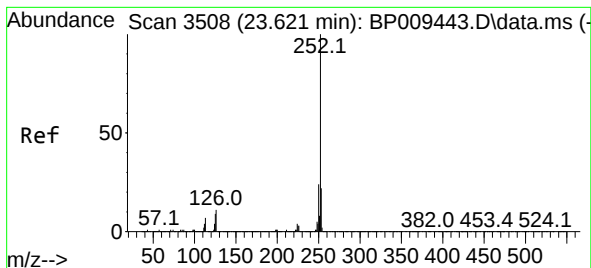
Tgt Ion:252 Resp:27872198
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 9.6 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 247.102 ng
RT: 23.027 min Scan# 3407
Delta R.T. -0.012 min
Lab File: BP009529.D
Acq: 24 Mar 2022 04:11

Tgt Ion:252 Resp:27872198
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 9.6 8.3 12.5





#90

Benzo(a)pyrene

Concen: 252.012 ng

RT: 23.657 min Scan# 3

Delta R.T. 0.047 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

Instrument :

BNA_P

ClientSampleId :

RW-1-20220321-16.0-17.0

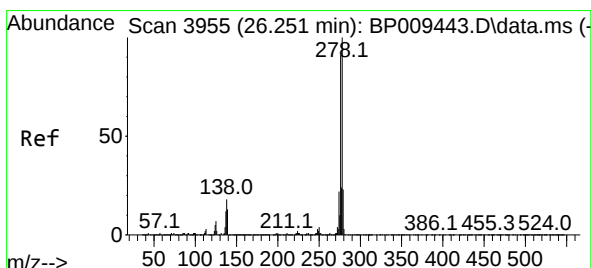
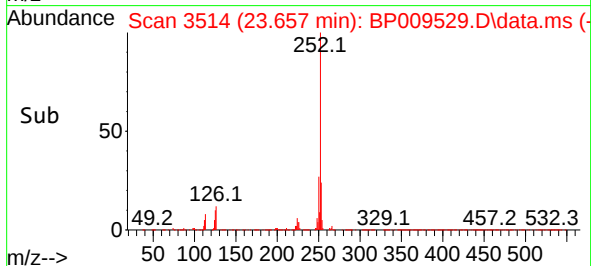
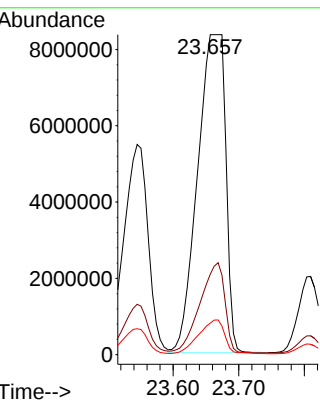
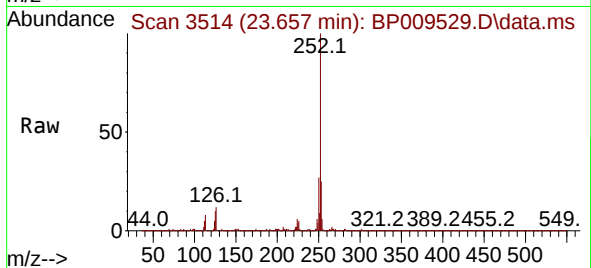
Tgt Ion:252 Resp:24839819

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.6

125 9.8 9.3 13.9



#91

Dibenzo(a,h)anthracene

Concen: 27.323 ng

RT: 26.292 min Scan# 3962

Delta R.T. 0.047 min

Lab File: BP009529.D

Acq: 24 Mar 2022 04:11

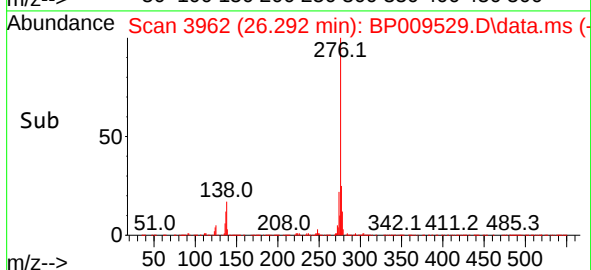
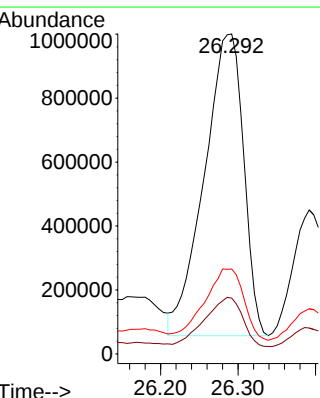
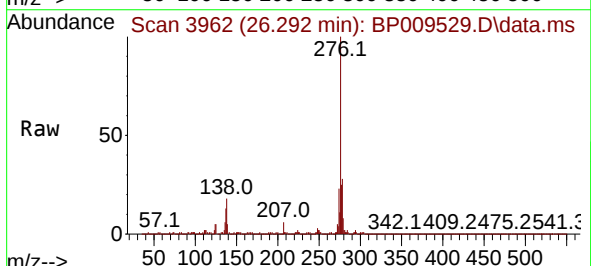
Tgt Ion:278 Resp: 3333943

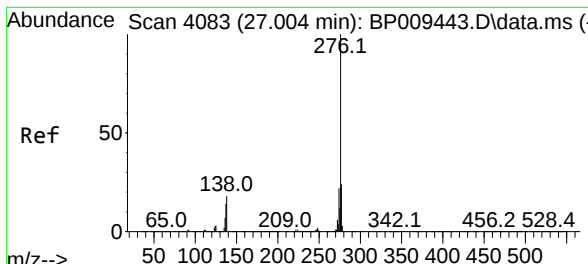
Ion Ratio Lower Upper

278 100

139 17.5 13.2 19.8

279 26.6 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 112.577 ng
 RT: 27.068 min Scan# 4094
 Delta R.T. 0.082 min
 Lab File: BP009529.D
 Acq: 24 Mar 2022 04:11

Instrument :
 BNA_P
 ClientSampleId :
 RW-1-20220321-16.0-17.0

Tgt Ion:276 Resp:13513665

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	18.1	18.0	27.0

