

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
 Data File : BP008975.D
 Acq On : 31 Jan 2022 20:50
 Operator : CG/JU
 Sample : N1337-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS-1

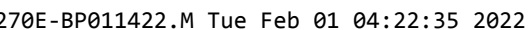
Quant Time: Feb 01 04:22:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	203393	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	757559	20.000	ng	# 0.00
39) Acenaphthene-d10	14.475	164	546762	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1144869	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1182505	20.000	ng	-0.01
86) Perylene-d12	23.727	264	1251778	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1340493	101.919	ng	0.00
7) Phenol-d6	7.011	99	1605397	100.798	ng	0.00
23) Nitrobenzene-d5	8.999	82	1196597	89.676	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	821243	103.188	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	2541638	61.302	ng	0.00
79) Terphenyl-d14	19.786	244	3943567	56.292	ng	-0.01
Target Compounds						
						Qvalue
6) Aniline	7.211	93	46216	2.325	ng	# 1
9) Benzaldehyde	6.981	77	208756	19.611	ng	# 1
11) bis(2-Chloroethyl)ether	7.211	93	46146	3.572	ng	# 1
17) 2-Methylphenol	8.322	107	31927	2.935	ng	# 1
18) Hexachloroethane	8.952	117	1872792	326.371	ng	# 1
19) n-Nitroso-di-n-propyla...	8.611	70	186953	20.080	ng	# 58
22) Acetophenone	8.646	105	3326194	172.359	ng	# 61
24) Nitrobenzene	9.034	77	280612	20.819	ng	# 26
25) Isophorone	9.563	82	341938	14.180	ng	# 1
26) 2-Nitrophenol	9.769	139	40177	5.670	ng	# 1
28) bis(2-Chloroethoxy)met...	10.052	93	55862	3.550	ng	# 9
31) Naphthalene	10.693	128	6811109	165.536	ng	95
33) 4-Chloroaniline	10.758	127	97451	5.812	ng	# 1
35) Caprolactam	11.569	113	51181	14.082	ng	# 1
37) 2-Methylnaphthalene	12.304	142	6741069	224.111	ng	96
38) 1-Methylnaphthalene	12.522	142	4669241	169.120	ng	99
46) 1,1'-Biphenyl	13.304	154	137609	3.093	ng	99
52) Acenaphthene	14.534	154	68947	2.243	ng	# 89
56) 4-Nitrophenol	14.681	139	58030	9.514	ng	# 41
57) 2,4-Dinitrotoluene	14.828	165	26867	2.425	ng	# 52
58) Fluorene	15.522	166	189467	4.790	ng	# 86
66) n-Nitrosodiphenylamine	15.740	169	192628	5.228	ng	# 49
71) Phenanthrene	17.269	178	286283	4.441	ng	98
72) Anthracene	17.269	178	286600	4.432	ng	98

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

Quant Time: Feb 01 04:22:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
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QLast Update : Tue Feb 01 04:16:03 2022
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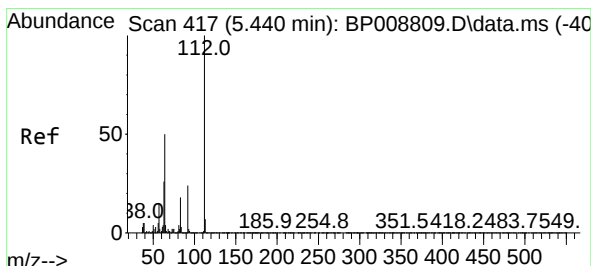
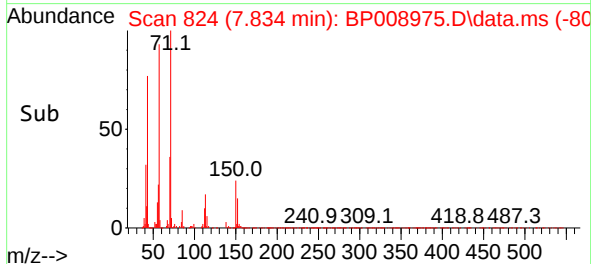
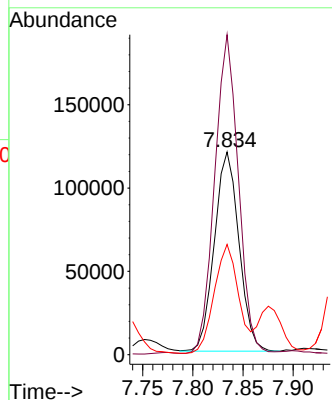
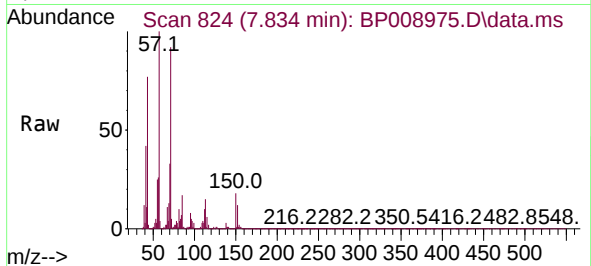




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

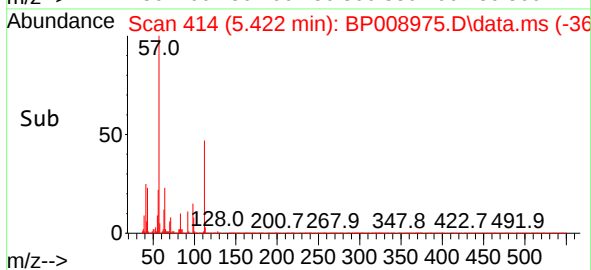
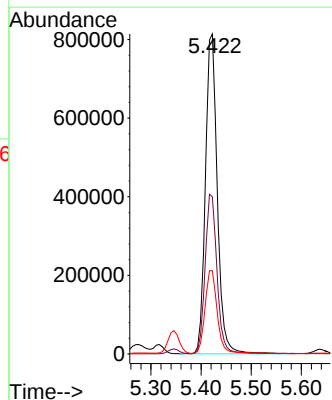
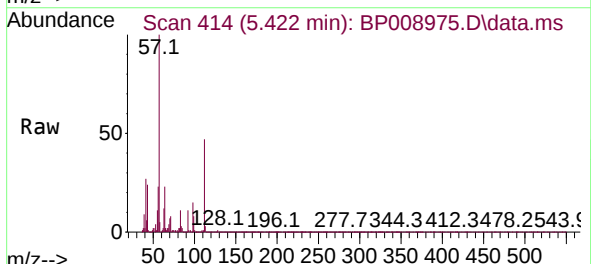
Instrument :
BNA_P
ClientSampleId :
SS-1

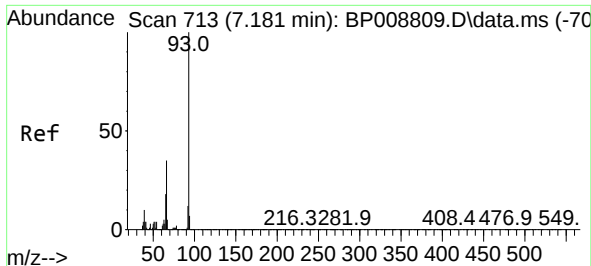
Tgt Ion:152 Resp: 203393
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 54.4 43.7 65.5



#5
2-Fluorophenol
Concen: 101.919 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:112 Resp: 1340493
Ion Ratio Lower Upper
112 100
64 49.2 39.7 59.5
63 26.1 20.0 30.0





#6

Aniline

Concen: 2.325 ng

RT: 7.211 min Scan# 713

Delta R.T. 0.047 min

Lab File: BP008975.D

Acq: 31 Jan 2022 20:50

Instrument :

BNA_P

ClientSampleId :

SS-1

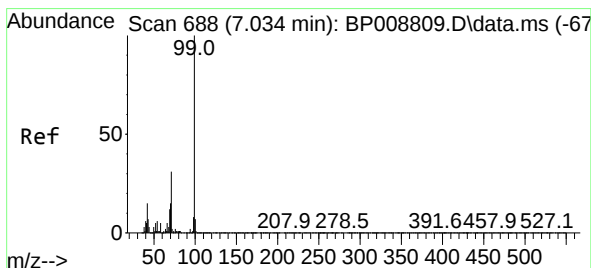
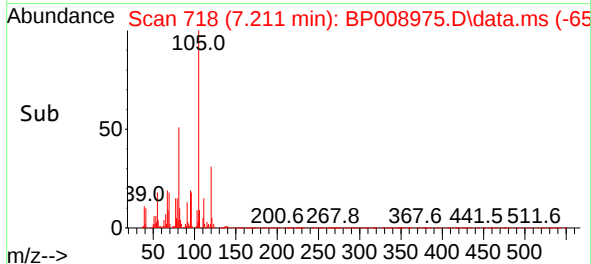
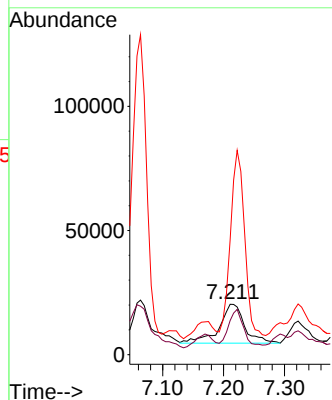
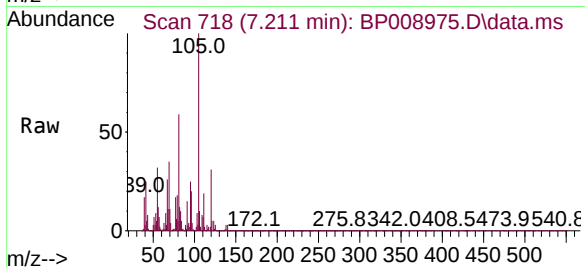
Tgt Ion: 93 Resp: 46216

Ion Ratio Lower Upper

93 100

66 67.6 27.8 41.6#

65 227.2 14.0 21.0#



#7

Phenol-d6

Concen: 100.798 ng

RT: 7.011 min Scan# 684

Delta R.T. -0.006 min

Lab File: BP008975.D

Acq: 31 Jan 2022 20:50

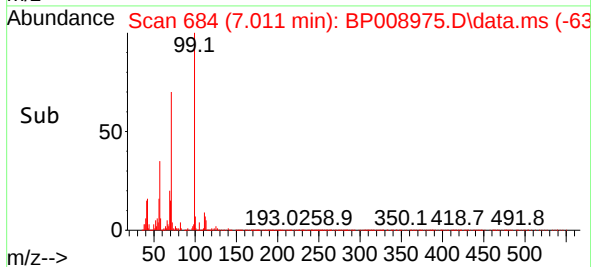
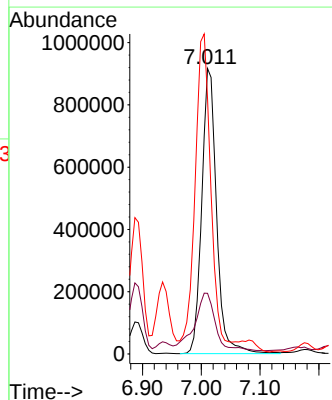
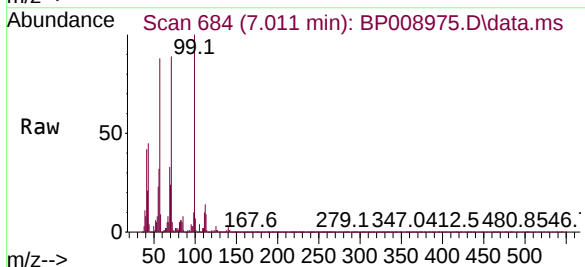
Tgt Ion: 99 Resp: 1605397

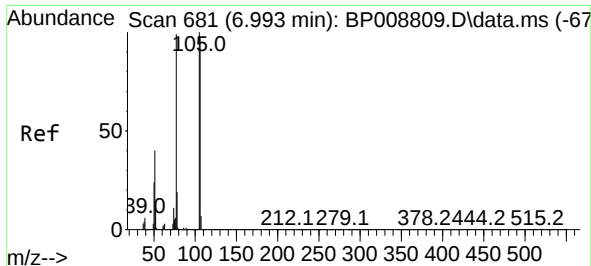
Ion Ratio Lower Upper

99 100

42 21.3 10.8 16.2#

71 89.4 23.8 35.6#

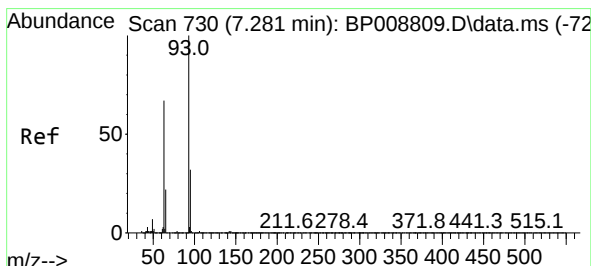
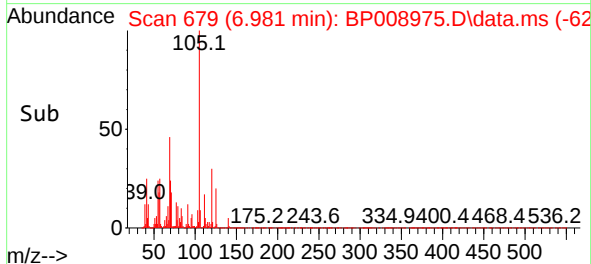
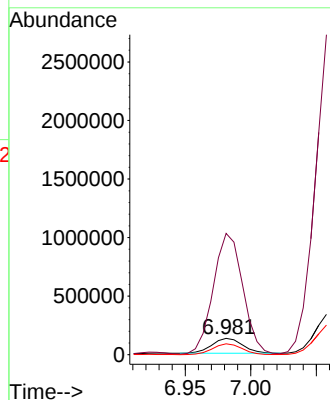
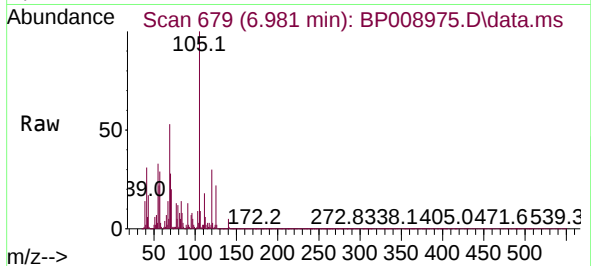




#9
Benzaldehyde
Concen: 19.611 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

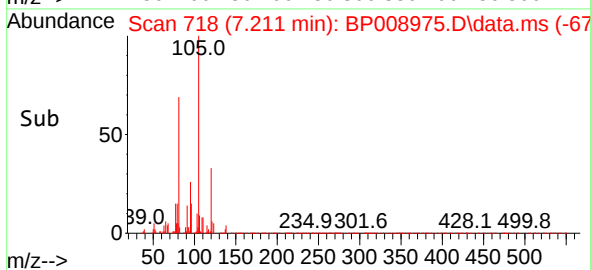
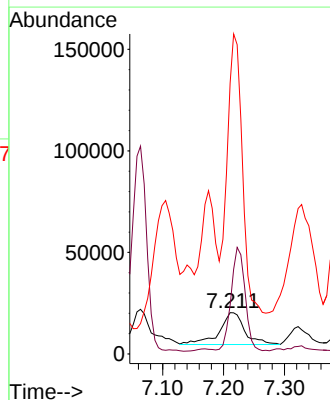
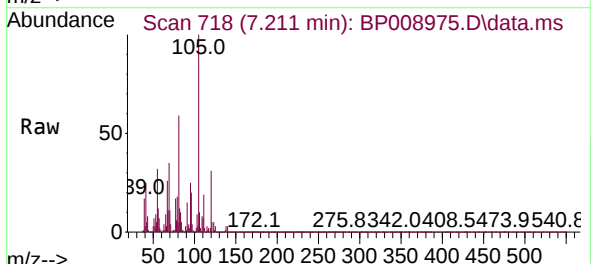
Instrument :
BNA_P
ClientSampleId :
SS-1

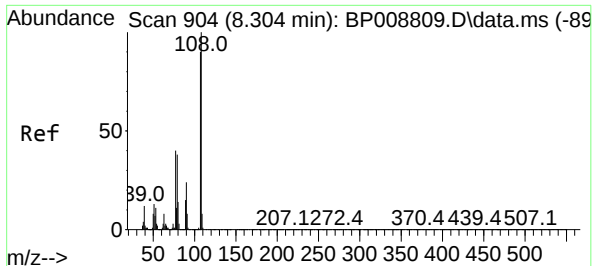
Tgt Ion: 77 Resp: 208756
Ion Ratio Lower Upper
77 100
105 744.0 84.2 124.2#
106 67.1 80.6 120.6#



#11
bis(2-Chloroethyl)ether
Concen: 3.572 ng
RT: 7.211 min Scan# 718
Delta R.T. -0.053 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion: 93 Resp: 46146
Ion Ratio Lower Upper
93 100
63 117.6 46.0 86.0#
95 656.3 12.2 52.2#

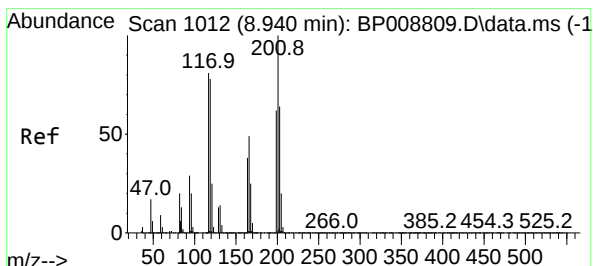
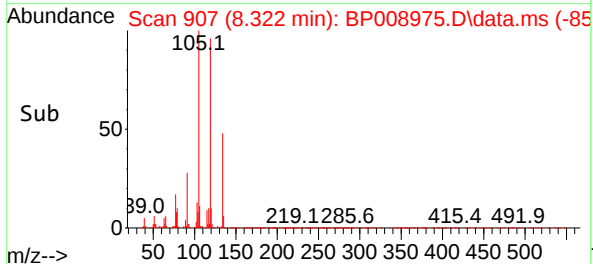
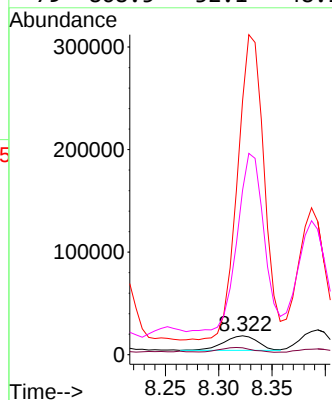
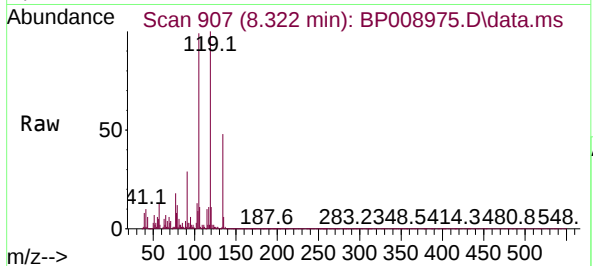




#17
2-Methylphenol
Concen: 2.935 ng
RT: 8.322 min Scan# 90
Delta R.T. 0.030 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

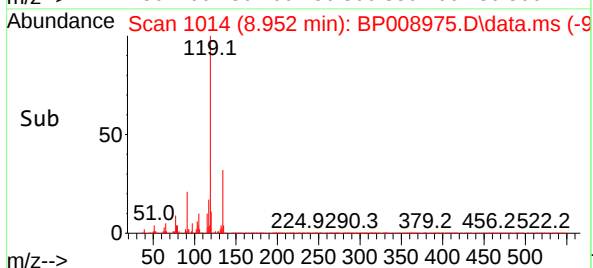
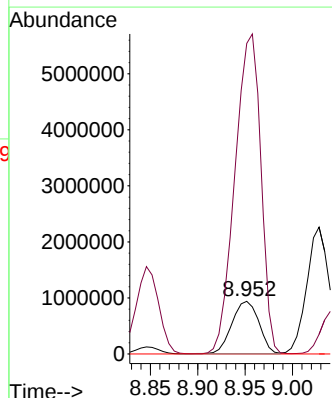
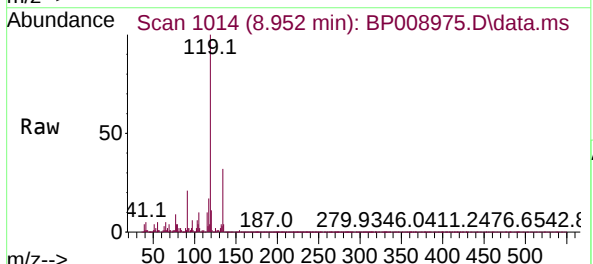
Instrument :
BNA_P
ClientSampleId :
SS-1

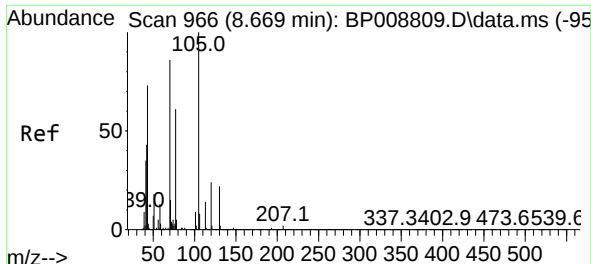
Tgt Ion:107 Resp: 31927
Ion Ratio Lower Upper
107 100
108 36.1 90.0 135.0#
77 1340.7 32.7 49.1#
79 868.5 32.1 48.1#



#18
Hexachloroethane
Concen: 326.371 ng
RT: 8.952 min Scan# 1014
Delta R.T. 0.041 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:117 Resp: 1872792
Ion Ratio Lower Upper
117 100
119 589.6 76.9 115.3#
201 0.0 93.7 140.5#

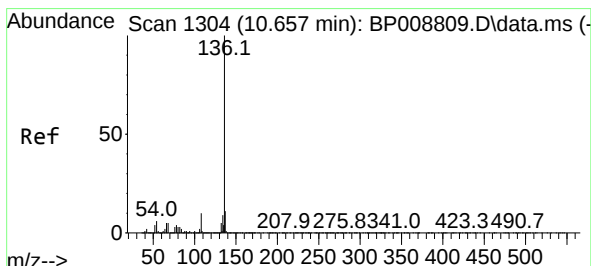
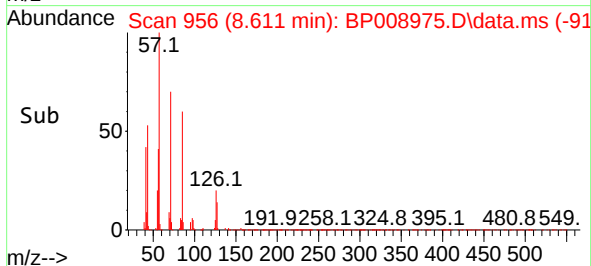
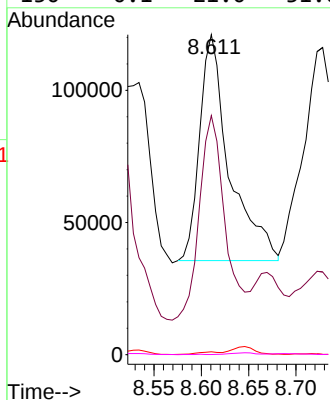
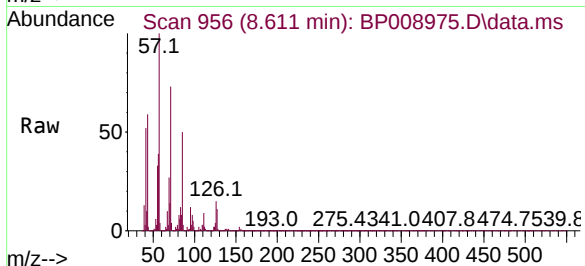




#19
n-Nitroso-di-n-propylamine
Concen: 20.080 ng
RT: 8.611 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

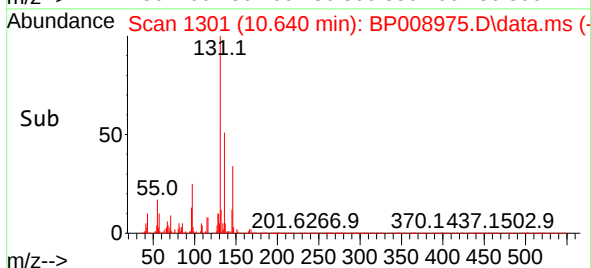
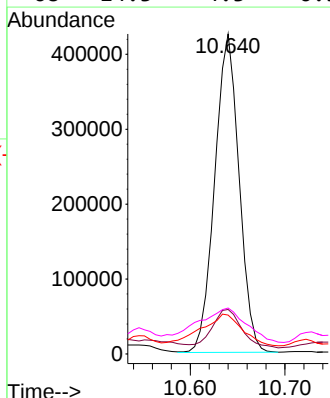
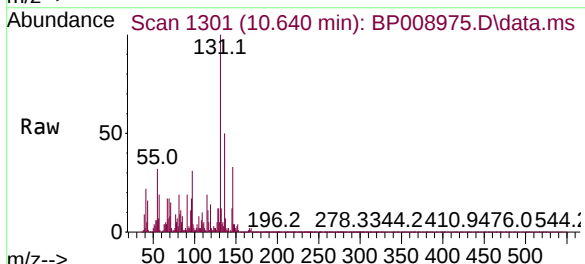
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BNA_P
ClientSampleId :
SS-1

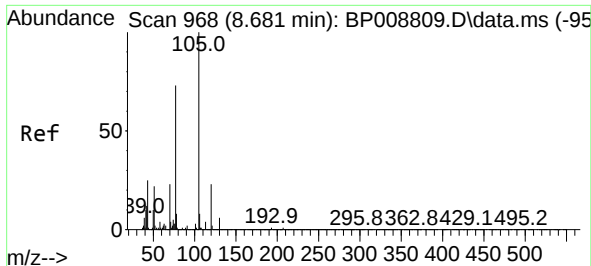
Tgt Ion: 70 Resp: 186953
Ion Ratio Lower Upper
70 100
42 74.7 38.2 57.2#
101 0.9 8.7 13.1#
130 0.1 21.0 31.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:136 Resp: 757559
Ion Ratio Lower Upper
136 100
137 13.9 9.0 13.4#
54 12.2 4.9 7.3#
68 14.3 4.3 6.5#

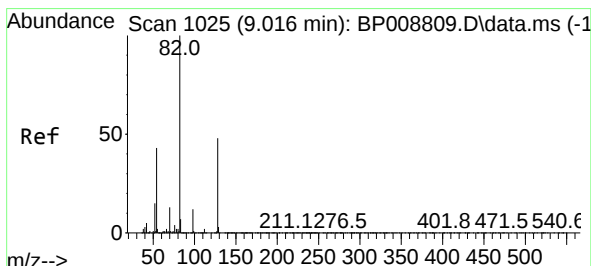
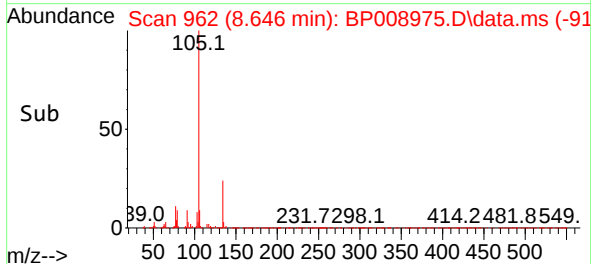
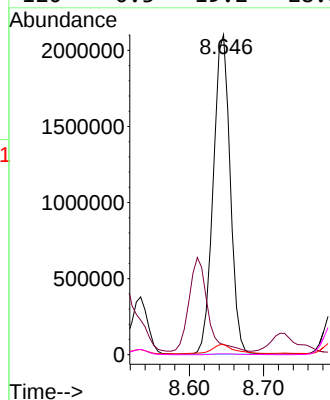
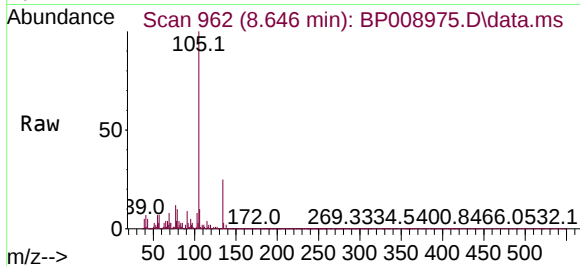




#22
Acetophenone
Concen: 172.359 ng
RT: 8.646 min Scan# 90
Delta R.T. -0.017 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

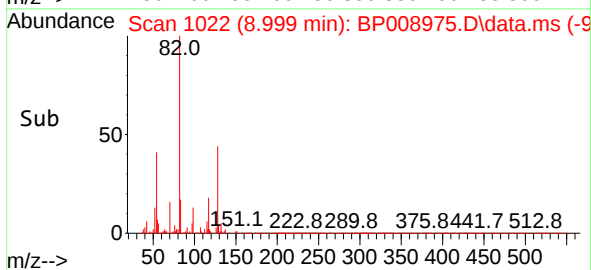
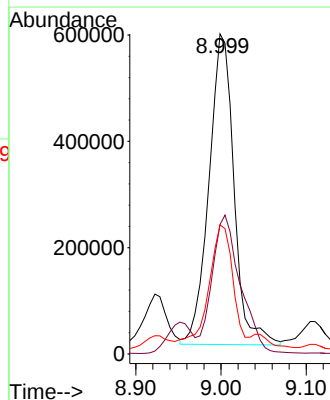
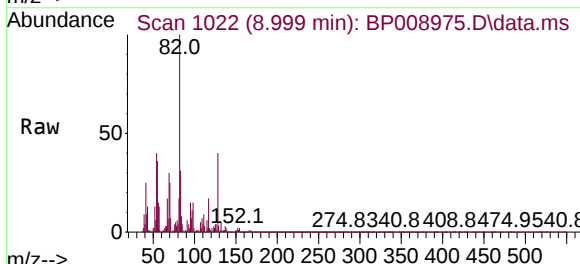
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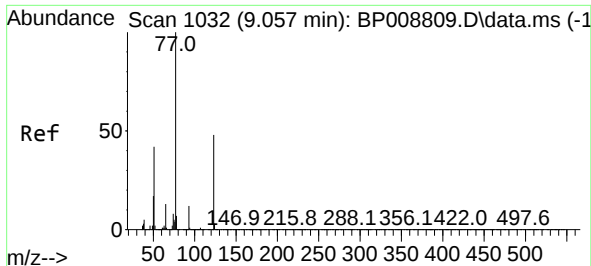
Tgt Ion:105 Resp: 3326194
Ion Ratio Lower Upper
105 100
71 3.1 5.3 7.9#
51 3.2 16.3 24.5#
120 0.3 19.2 28.8#



#23
Nitrobenzene-d5
Concen: 89.676 ng
RT: 8.999 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion: 82 Resp: 1196597
Ion Ratio Lower Upper
82 100
128 40.5 39.4 59.2
54 40.4 32.6 48.8

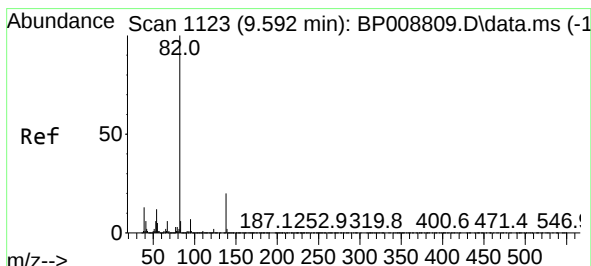
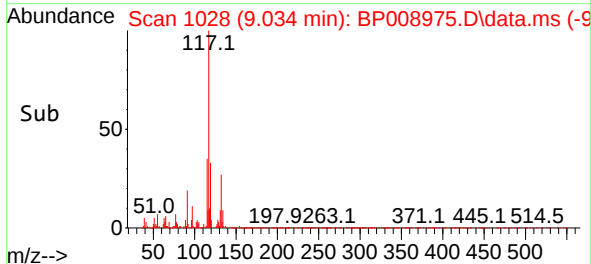
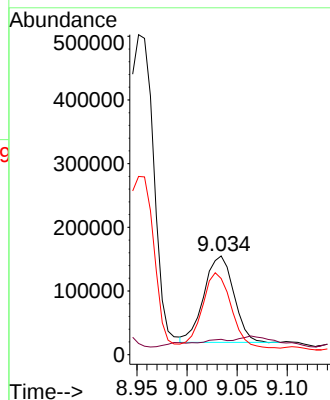
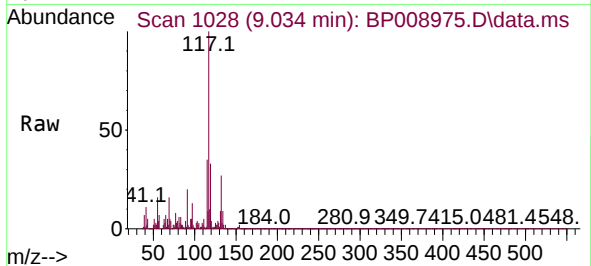




#24
Nitrobenzene
Concen: 20.819 ng
RT: 9.034 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

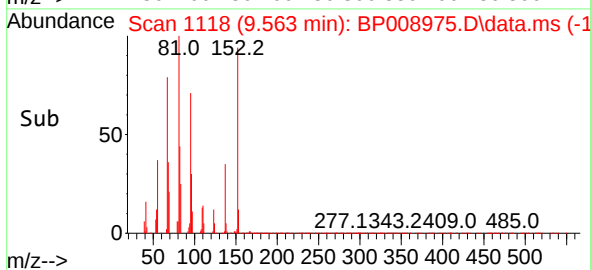
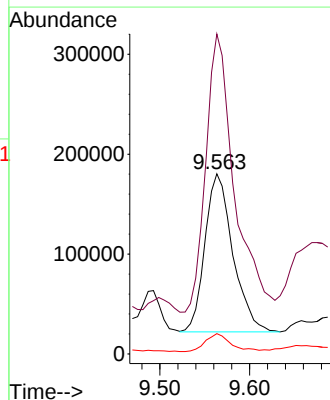
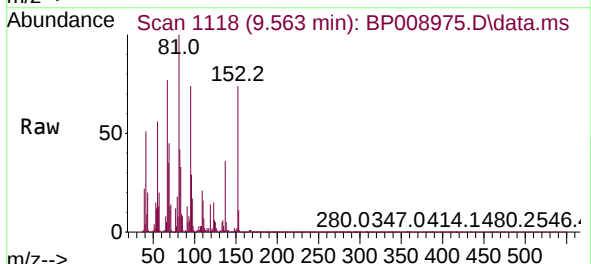
Instrument :
BNA_P
ClientSampleId :
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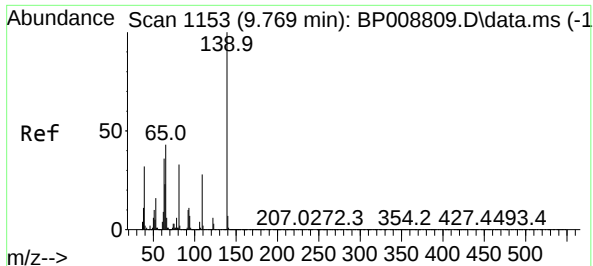
Tgt Ion: 77 Resp: 280612
Ion Ratio Lower Upper
77 100
123 15.5 41.4 62.2#
65 77.0 9.8 14.8#



#25
Isophorone
Concen: 14.180 ng
RT: 9.563 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion: 82 Resp: 341938
Ion Ratio Lower Upper
82 100
95 177.6 5.4 8.2#
138 11.2 16.6 24.8#

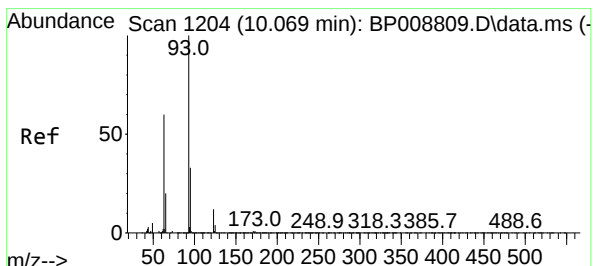
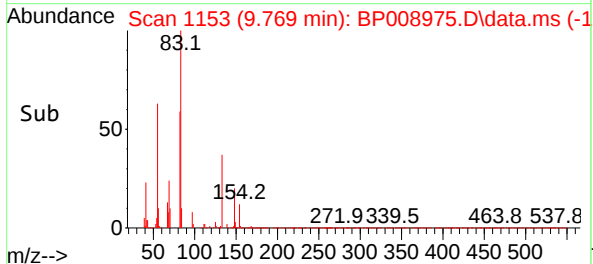
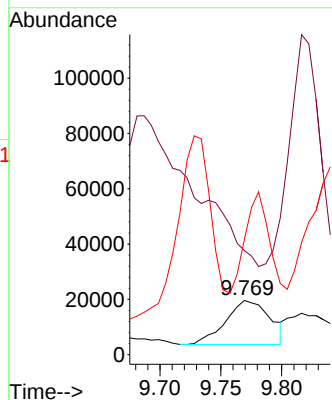
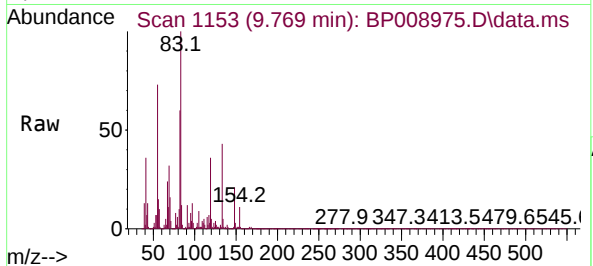




#26
2-Nitrophenol
Concen: 5.670 ng
RT: 9.769 min Scan# 1153
Delta R.T. 0.018 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

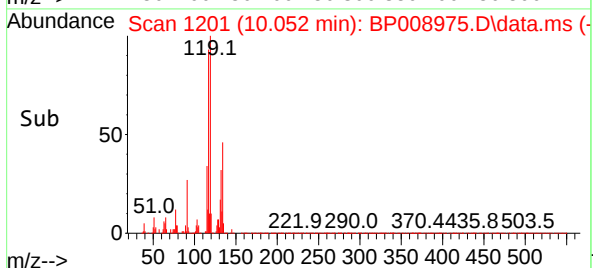
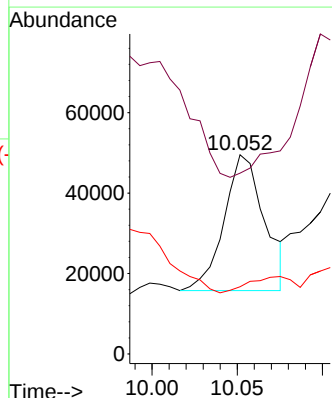
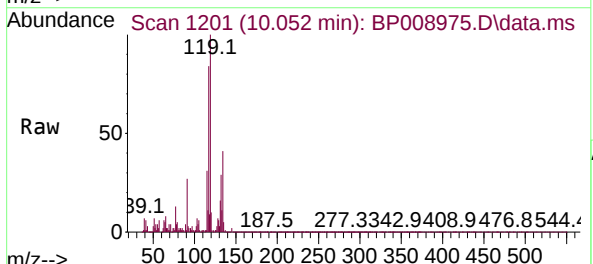
Instrument :
BNA_P
ClientSampleId :
SS-1

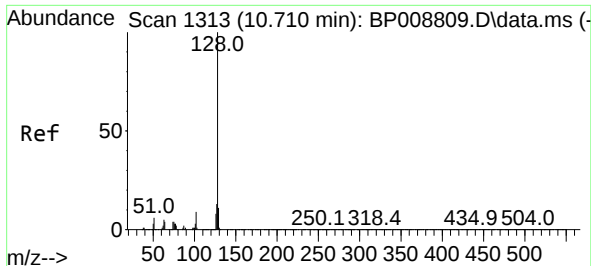
Tgt Ion:139 Resp: 40177
Ion Ratio Lower Upper
139 100
109 192.0 20.7 31.1#
65 212.3 31.6 47.4#



#28
bis(2-Chloroethoxy)methane
Concen: 3.550 ng
RT: 10.052 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion: 93 Resp: 55862
Ion Ratio Lower Upper
93 100
95 90.8 25.8 38.8#
123 33.8 9.7 14.5#

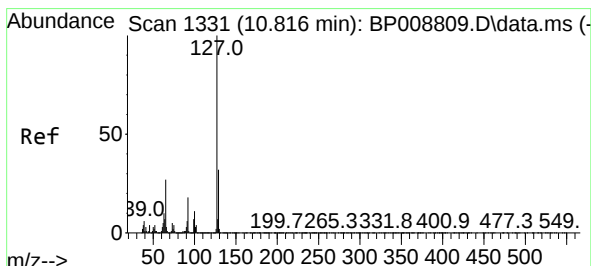
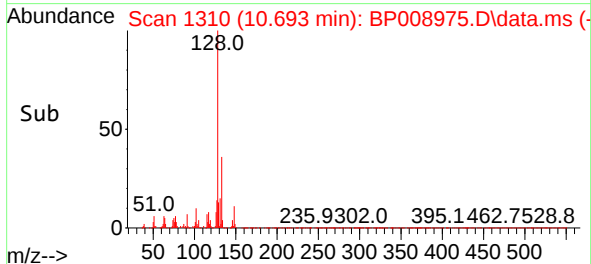
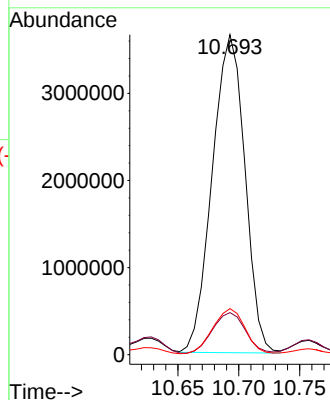
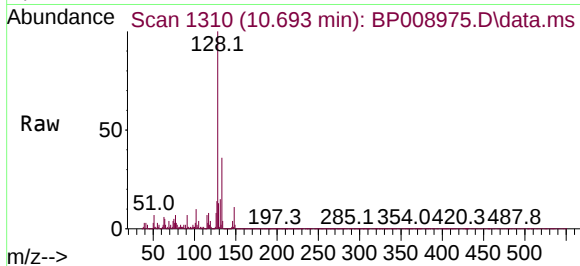




#31
Naphthalene
Concen: 165.536 ng
RT: 10.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

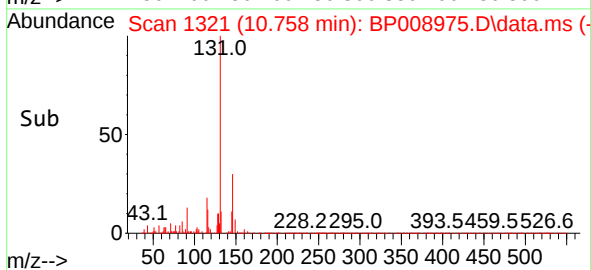
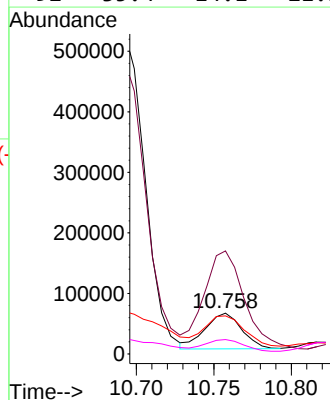
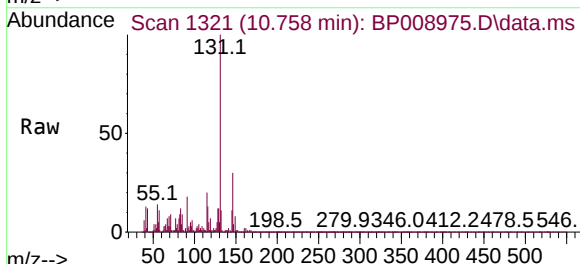
Instrument :
BNA_P
ClientSampleId :
SS-1

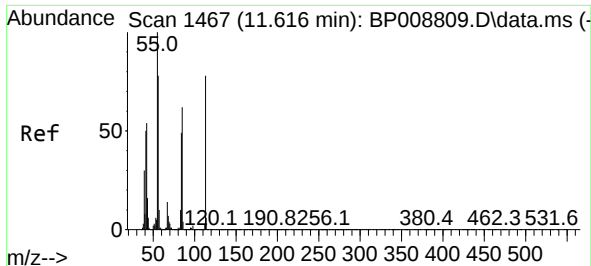
Tgt Ion:128 Resp: 6811109
Ion Ratio Lower Upper
128 100
129 13.2 8.8 13.2
127 14.4 10.4 15.6



#33
4-Chloroaniline
Concen: 5.812 ng
RT: 10.758 min Scan# 1321
Delta R.T. -0.041 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:127 Resp: 97451
Ion Ratio Lower Upper
127 100
129 251.9 26.0 39.0#
65 93.3 20.5 30.7#
92 35.4 14.1 21.1#

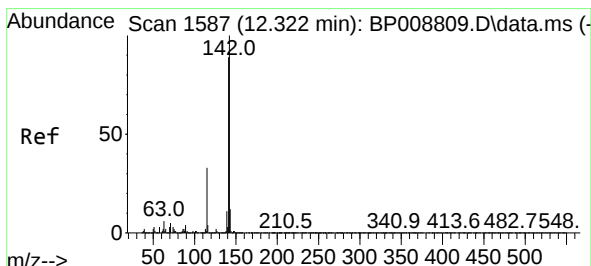
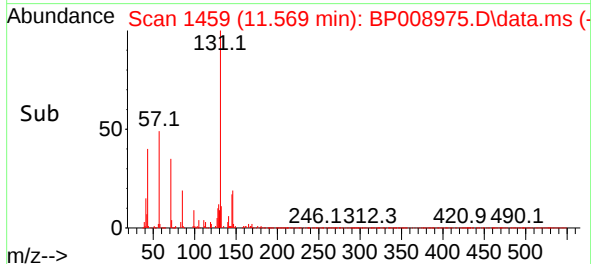
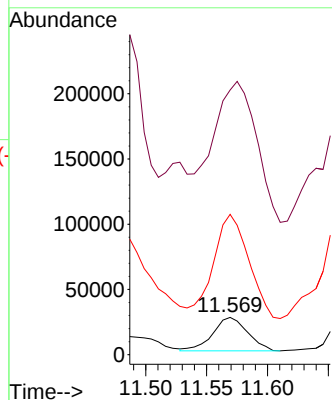
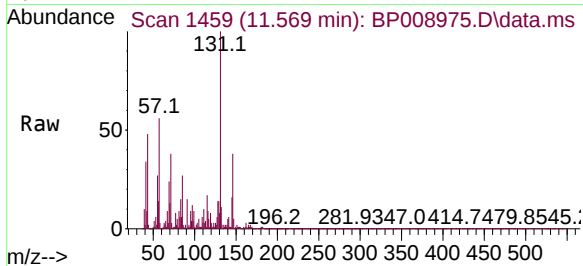




#35
Caprolactam
Concen: 14.082 ng
RT: 11.569 min Scan# 1467
Delta R.T. -0.041 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

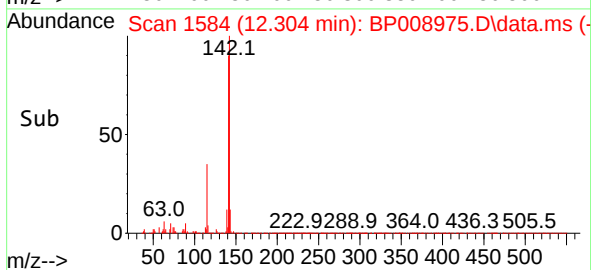
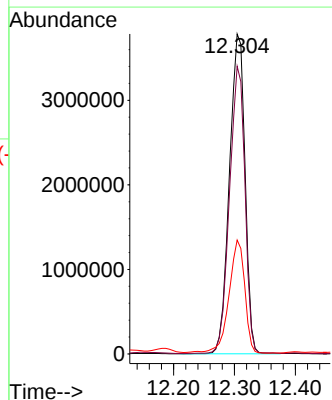
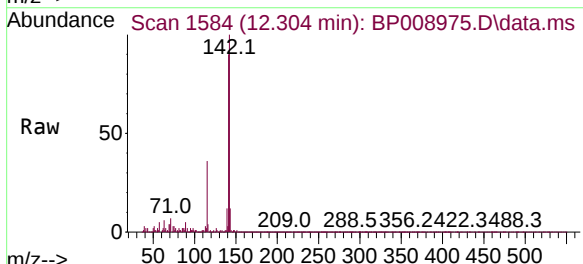
Instrument :
BNA_P
ClientSampleId :
SS-1

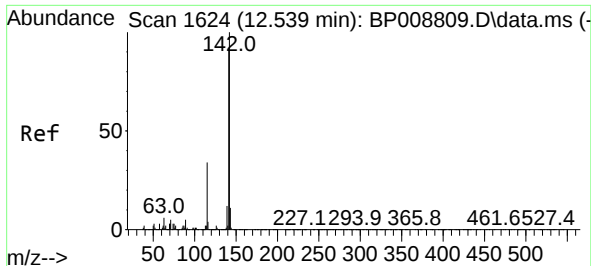
Tgt Ion:113 Resp: 51181
Ion Ratio Lower Upper
113 100
55 708.6 107.1 147.1#
56 375.9 74.1 114.1#



#37
2-Methylnaphthalene
Concen: 224.111 ng
RT: 12.304 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:142 Resp: 6741069
Ion Ratio Lower Upper
142 100
141 89.9 70.5 105.7
115 35.6 24.6 36.8

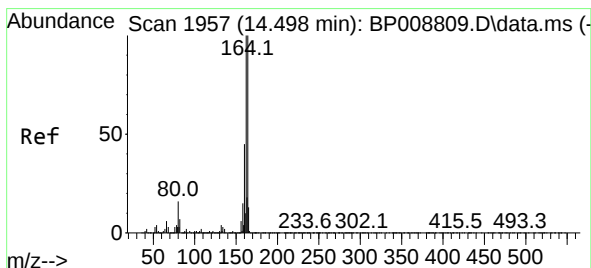
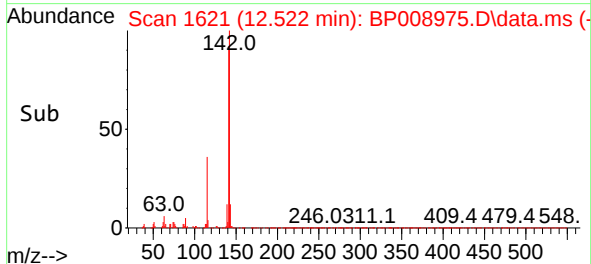
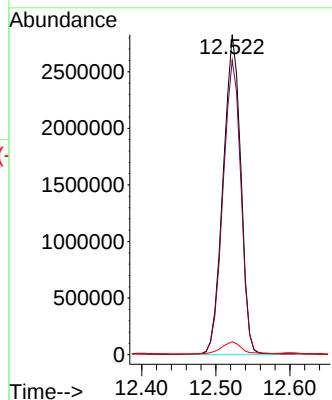
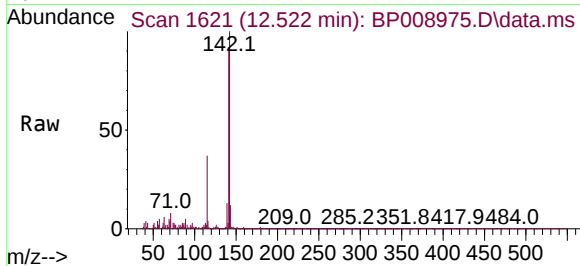




#38
1-Methylnaphthalene
Concen: 169.120 ng
RT: 12.522 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

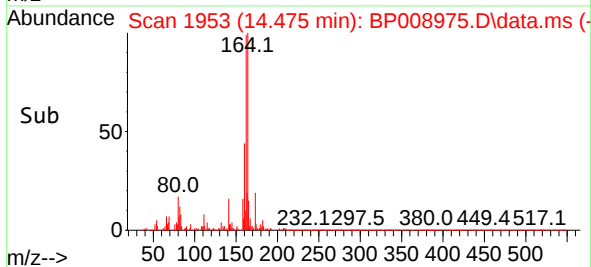
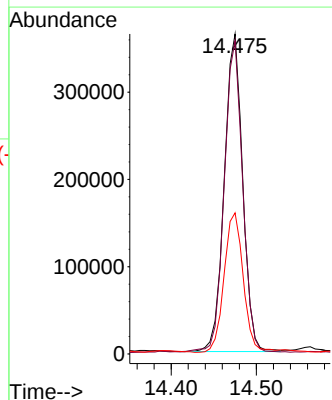
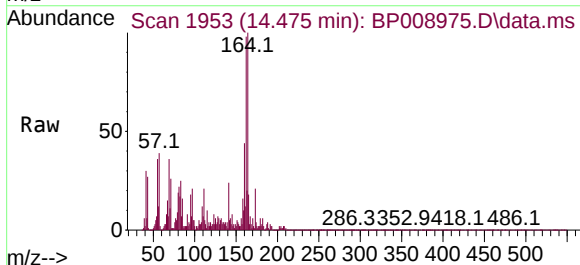
Instrument :
BNA_P
ClientSampleId :
SS-1

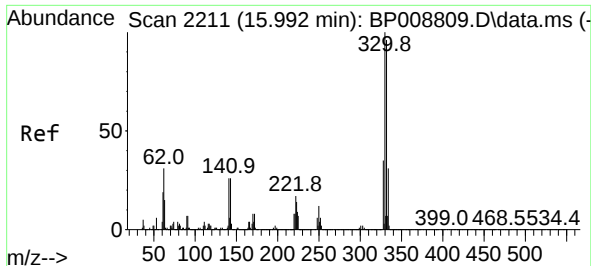
Tgt Ion:142 Resp: 4669241
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8
116 4.1 2.7 4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:164 Resp: 546762
Ion Ratio Lower Upper
164 100
162 97.9 79.9 119.9
160 44.1 35.5 53.3

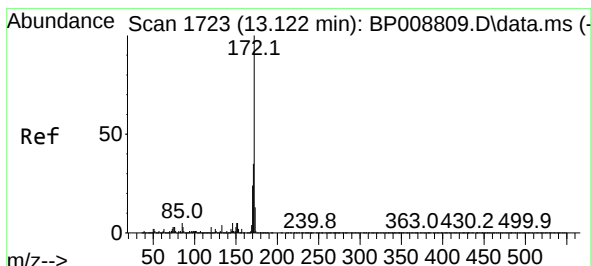
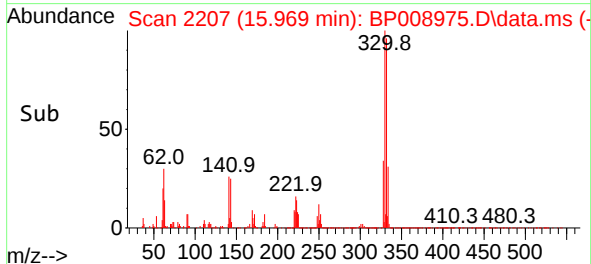
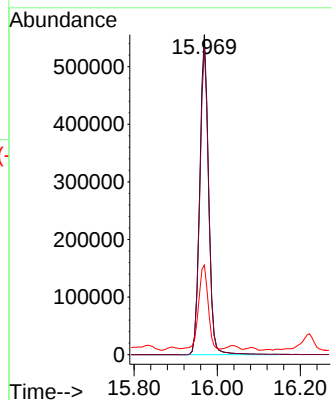
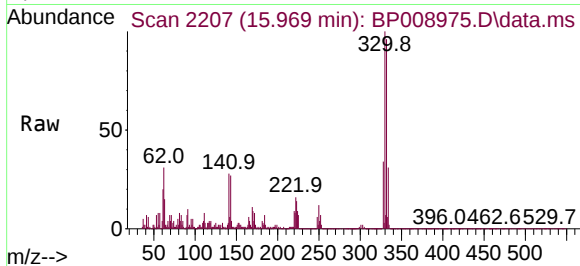




#42
2,4,6-Tribromophenol
Concen: 103.188 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

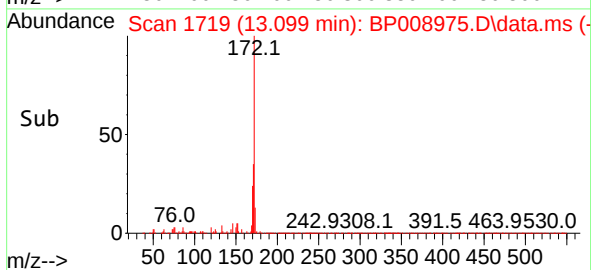
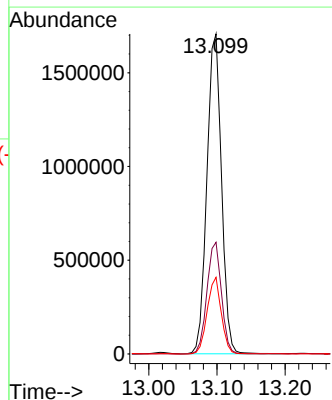
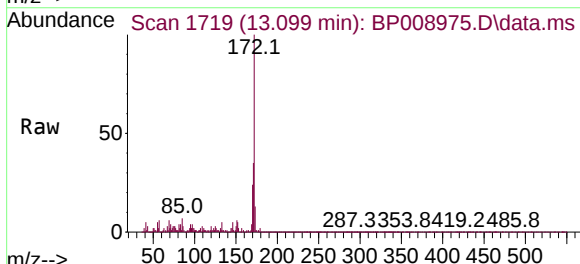
Instrument :
BNA_P
ClientSampleId :
SS-1

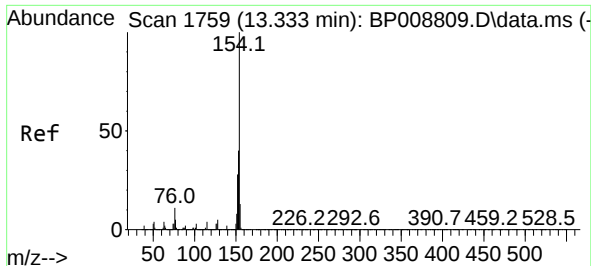
Tgt Ion:330 Resp: 821243
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 28.8 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 61.302 ng
RT: 13.099 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:172 Resp: 2541638
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 24.0 19.5 29.3

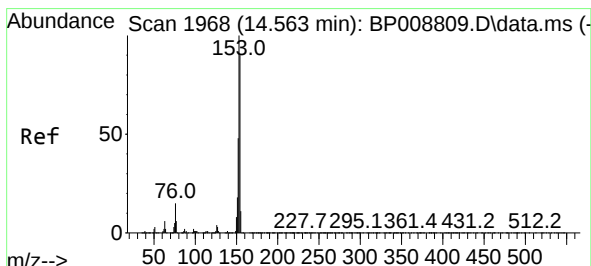
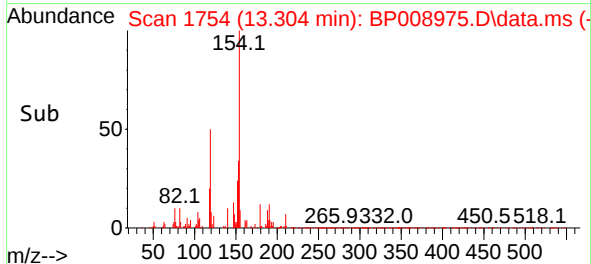
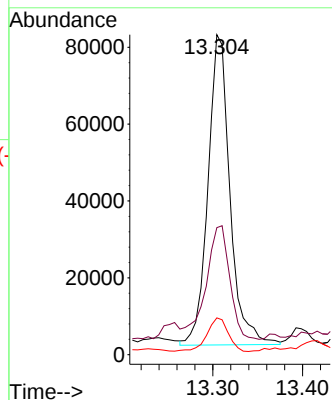
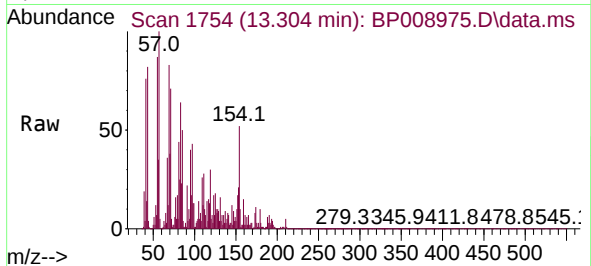




#46
1,1'-Biphenyl
Concen: 3.093 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

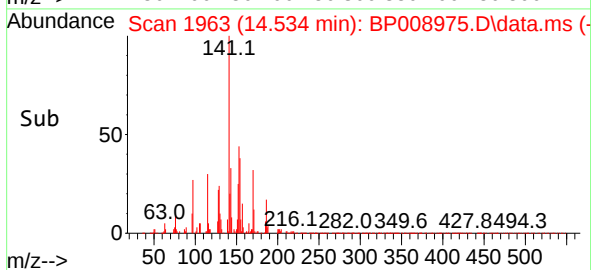
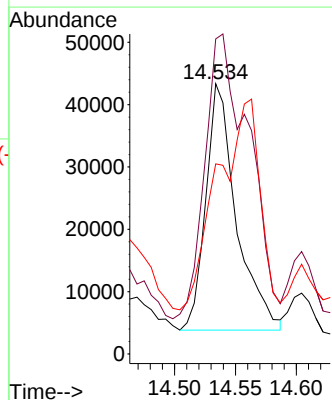
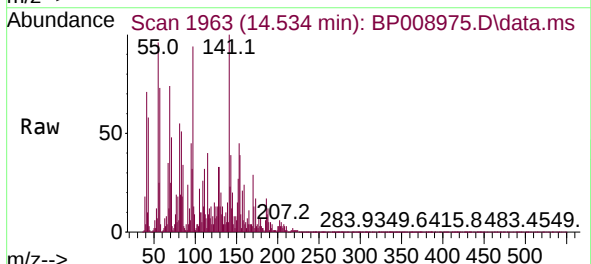
Instrument :
BNA_P
ClientSampleId :
SS-1

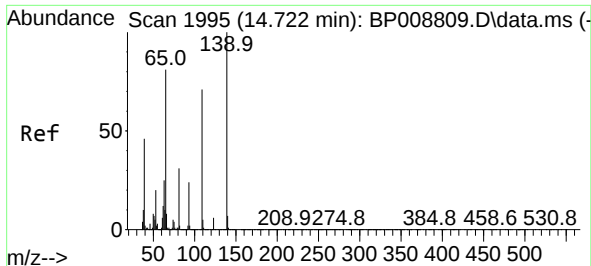
Tgt Ion:154 Resp: 137609
Ion Ratio Lower Upper
154 100
153 39.7 20.3 60.3
76 11.5 0.0 31.1



#52
Acenaphthene
Concen: 2.243 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:154 Resp: 68947
Ion Ratio Lower Upper
154 100
153 116.6 89.4 134.2
152 70.3 42.6 63.8#

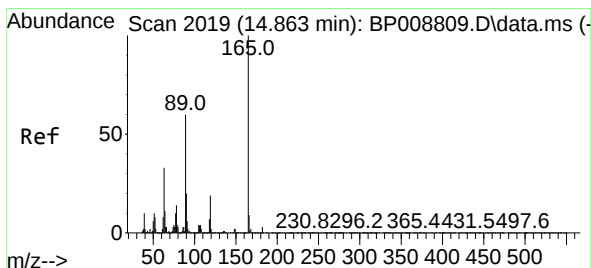
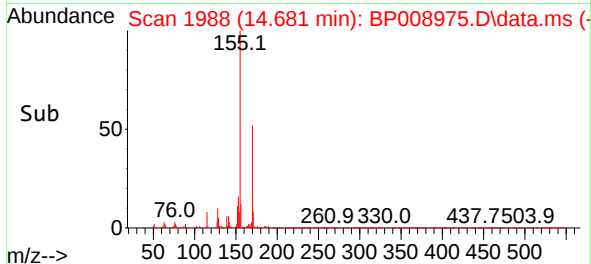
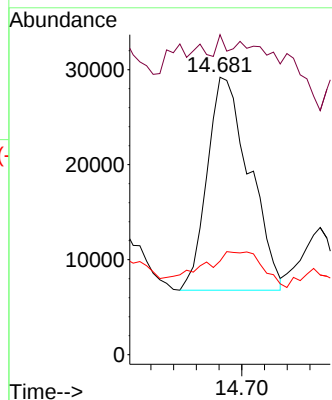
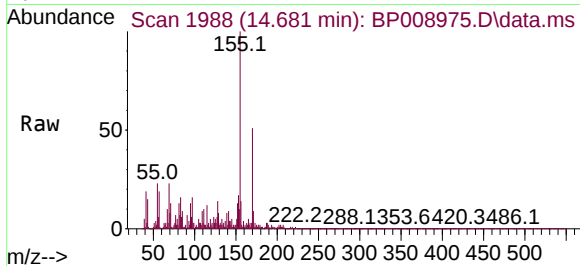




#56
4-Nitrophenol
Concen: 9.514 ng
RT: 14.681 min Scan# 1995
Delta R.T. -0.041 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

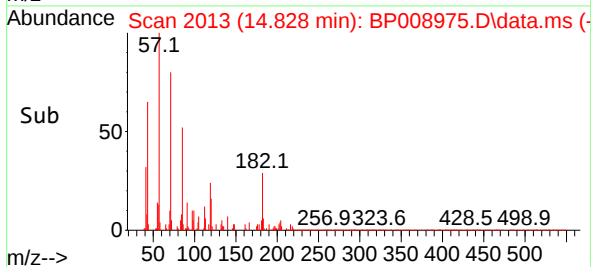
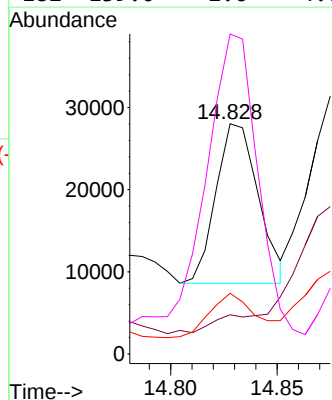
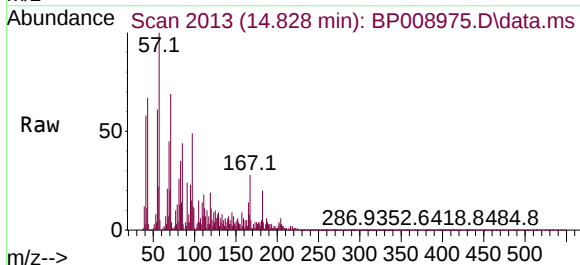
Instrument :
BNA_P
ClientSampleId :
SS-1

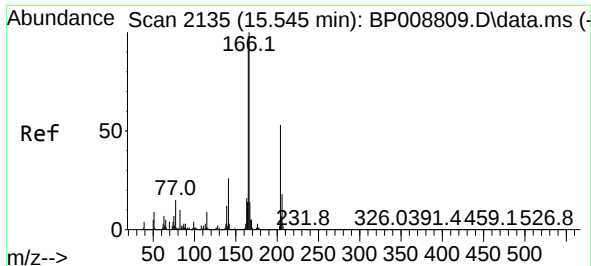
Tgt Ion:139 Resp: 58030
Ion Ratio Lower Upper
139 100
109 115.3 42.2 82.2#
65 33.7 57.3 97.3#



#57
2,4-Dinitrotoluene
Concen: 2.425 ng
RT: 14.828 min Scan# 2013
Delta R.T. -0.023 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:165 Resp: 26867
Ion Ratio Lower Upper
165 100
63 17.0 23.3 34.9#
89 26.4 44.2 66.4#
182 139.0 2.6 4.0#

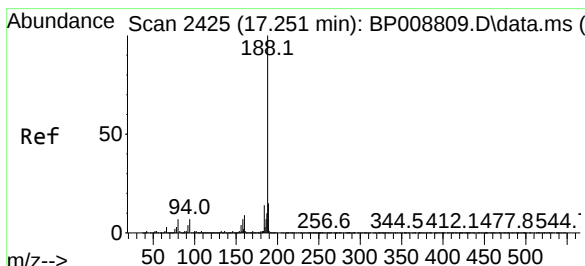
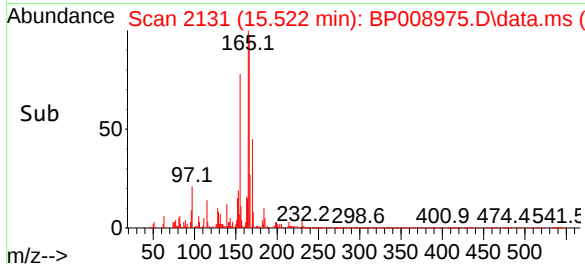
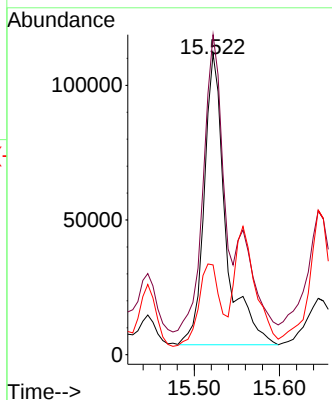
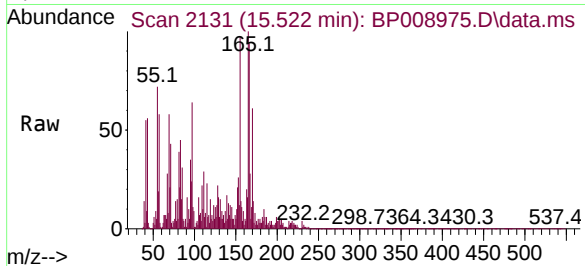




#58
Fluorene
Concen: 4.790 ng
RT: 15.522 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

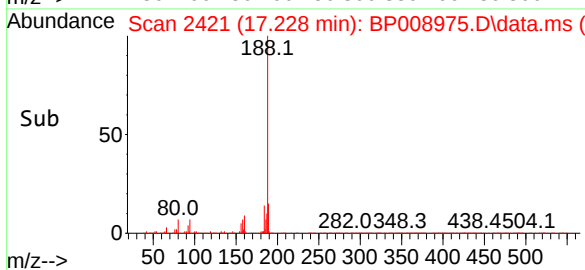
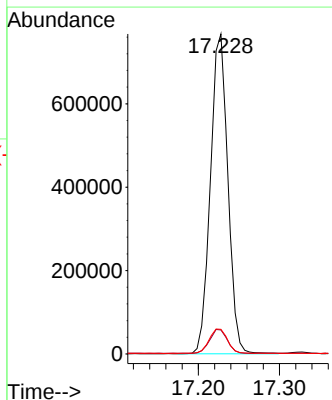
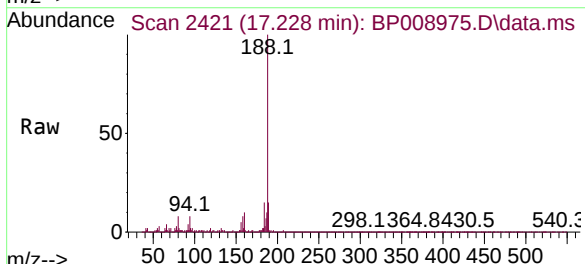
Instrument :
BNA_P
ClientSampleId :
SS-1

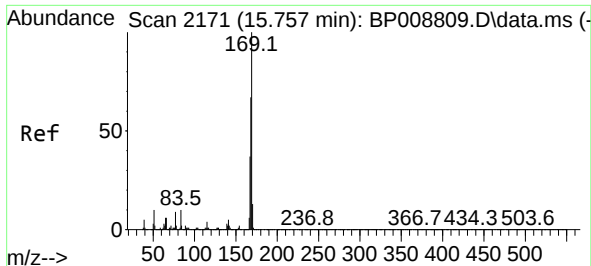
Tgt Ion:166 Resp: 189467
Ion Ratio Lower Upper
166 100
165 106.3 77.2 115.8
167 29.8 11.2 16.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:188 Resp: 1144869
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.7 7.2 10.8

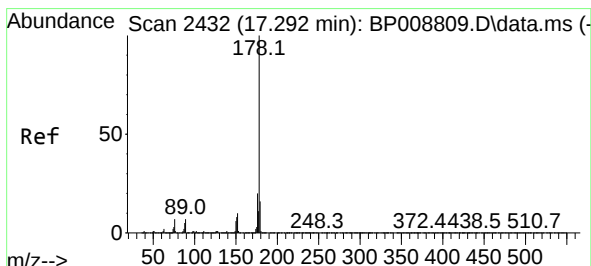
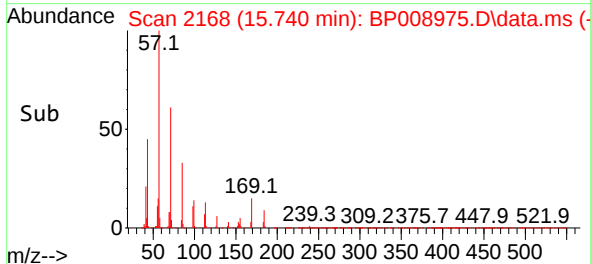
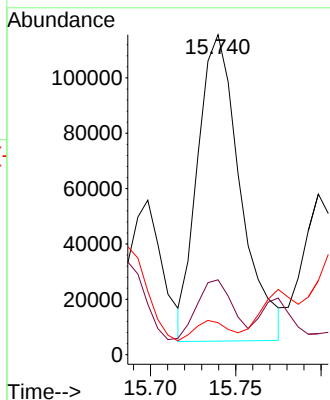
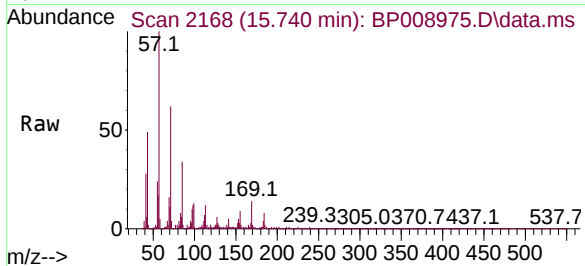




#66
n-Nitrosodiphenylamine
Concen: 5.228 ng
RT: 15.740 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

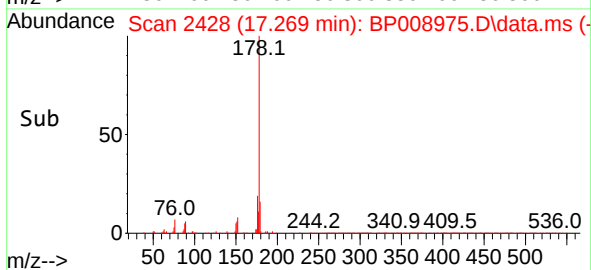
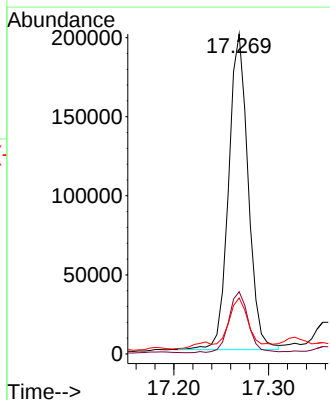
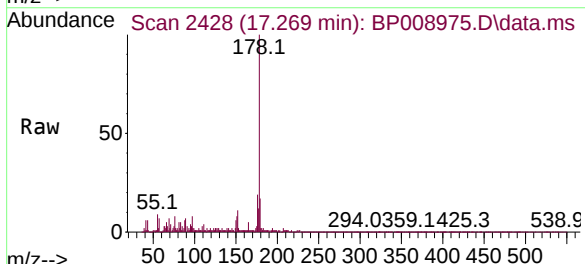
Instrument :
BNA_P
ClientSampleId :
SS-1

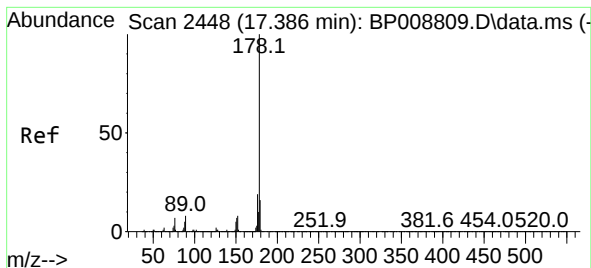
Tgt Ion:169 Resp: 192628
Ion Ratio Lower Upper
169 100
168 23.4 53.3 79.9#
167 10.0 29.0 43.6#



#71
Phenanthrene
Concen: 4.441 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:178 Resp: 286283
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 17.5 13.0 19.4





#72

Anthracene

Concen: 4.432 ng

RT: 17.269 min Scan# 2448

Delta R.T. -0.100 min

Lab File: BP008975.D

Acq: 31 Jan 2022 20:50

Instrument :

BNA_P

ClientSampleId :

SS-1

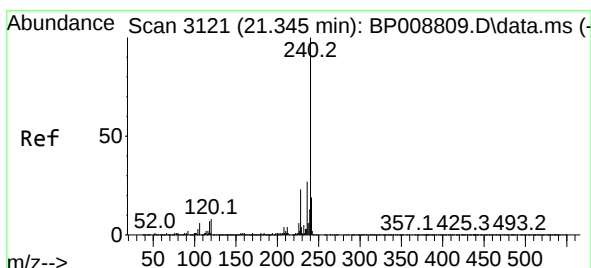
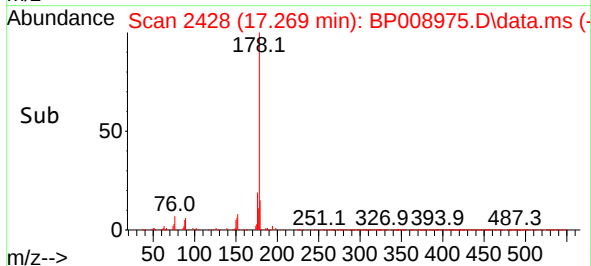
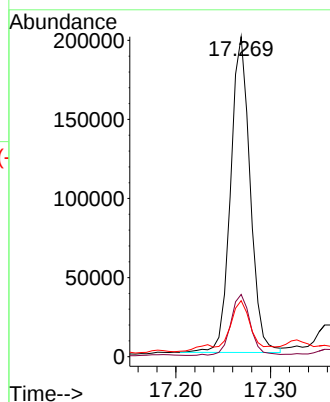
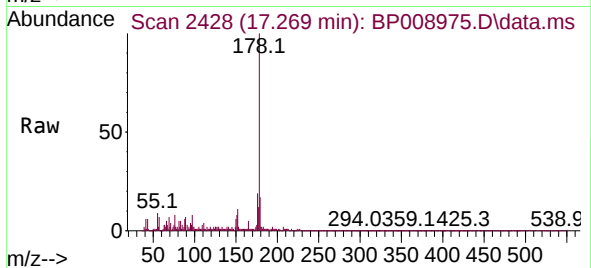
Tgt Ion:178 Resp: 286600

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

179 17.5 12.8 19.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.316 min Scan# 3116

Delta R.T. -0.011 min

Lab File: BP008975.D

Acq: 31 Jan 2022 20:50

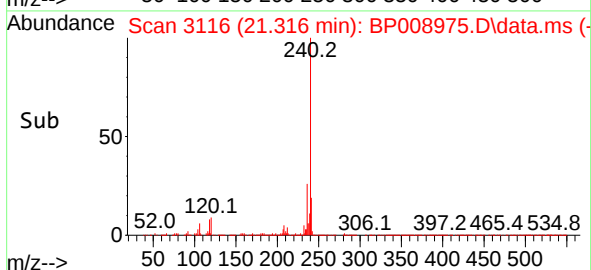
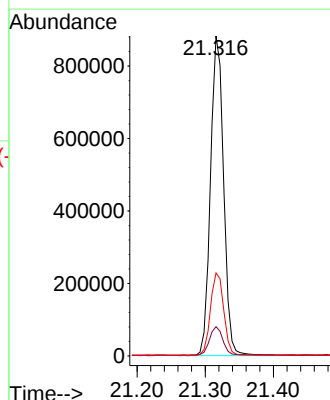
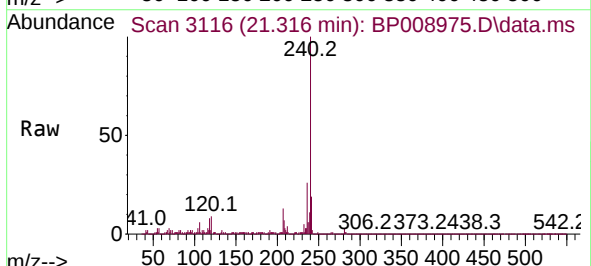
Tgt Ion:240 Resp: 1182505

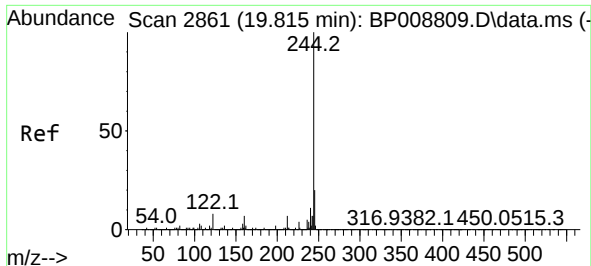
Ion Ratio Lower Upper

240 100

120 9.2 7.7 11.5

236 25.9 21.2 31.8

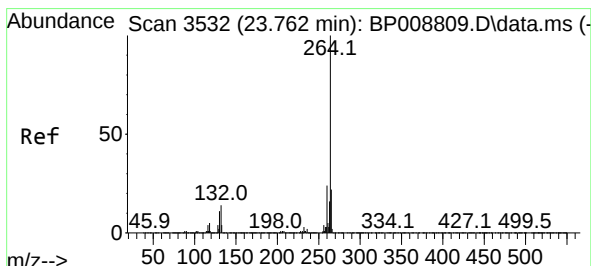
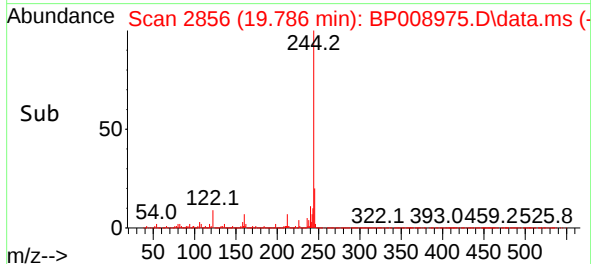
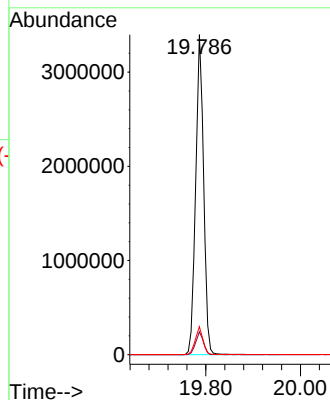
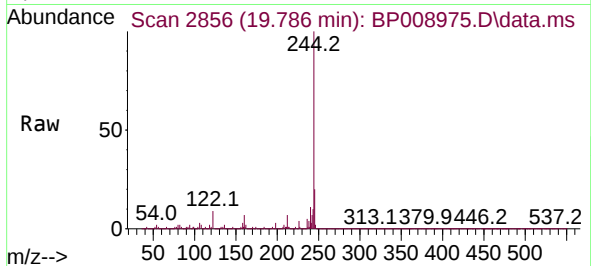




#79
 Terphenyl-d14
 Concen: 56.292 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.011 min
 Lab File: BP008975.D
 Acq: 31 Jan 2022 20:50

Instrument :
 BNA_P
 ClientSampleId :
 SS-1

Tgt Ion:244 Resp: 3943567
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 8.7 9.2 13.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3526
 Delta R.T. -0.011 min
 Lab File: BP008975.D
 Acq: 31 Jan 2022 20:50

Tgt Ion:264 Resp: 1251778
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.1 28.7
 265 22.1 17.1 25.7

