

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017519.D
 Acq On : 03 Oct 2023 16:23
 Operator : MA/JU
 Sample : 04497-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJC3

Quant Time: Oct 03 23:28:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 03 22:59:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	96810	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	382962	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.634	164	301873	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	523496	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	525387	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	579785	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	11539	4.896	ng/uL	0.00
4) Pyridine-d5	3.705	84	95	0.014	ng/ul	-0.01
7) Phenol-d5	7.099	99	65279	8.210	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	213104	44.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	214005	33.936	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	124465	20.135	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	137054	49.503	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	151579	50.423	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	255180	44.930	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	166014	20.179	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	834154	38.573	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	931114	37.437	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	29277	7.771	ng/ul	0.02
60) Fluorene-d10	15.640	176	744309	39.979	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	118966	40.320	ng/ul	0.00
73) Anthracene-d10	17.522	188	1171637	50.464	ng/ul	0.00
81) Pyrene-d10	19.775	212	1461023	51.424	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1396502	50.027	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.775	79	22930	3.352	ng/ul#	58
6) Benzaldehyde	7.111	77	25237	6.220	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.763	70	16951	3.556	ng/ul#	72
19) Hexachloroethane	9.028	117	350188	131.723	ng/ul#	6
22) Nitrobenzene	9.205	77	11259	1.603	ng/ul#	51
25) 2-Nitrophenol	9.928	139	6139	1.885	ng/ul#	1
26) 2,4-Dimethylphenol	9.928	107	13716	2.113	ng/ul#	79
30) Naphthalene	10.828	128	76289	3.826	ng/ul#	73
32) 4-Chloroaniline	10.957	127	11160	1.416	ng/ul#	25
34) Caprolactam	11.804	113	5015	3.099	ng/ul#	1
36) 2-Methylnaphthalene	12.446	142	280865	21.581	ng/ul	100
37) 1-Methylnaphthalene	12.663	142	1451358	109.091	ng/ul#	99
45) 2-Nitroaniline	13.716	65	5409	1.213	ng/ul#	11
52) Acenaphthene	14.704	153	57949	3.017	ng/ul#	79
55) 4-Nitrophenol	14.922	109	4143	1.408	ng/ul#	21
56) Dibenzofuran	15.040	168	47955	1.823	ng/ul#	77
57) 2,4-Dinitrotoluene	15.022	165	21678	3.890	ng/ul#	71
61) Fluorene	15.692	166	132073	6.180	ng/ul	95
67) N-Nitrosodiphenylamine	15.887	169	59072	4.102	ng/ul#	41
72) Phenanthrene	17.469	178	166541	6.074	ng/ul	97
74) Anthracene	17.469	178	167421	6.025	ng/ul	96

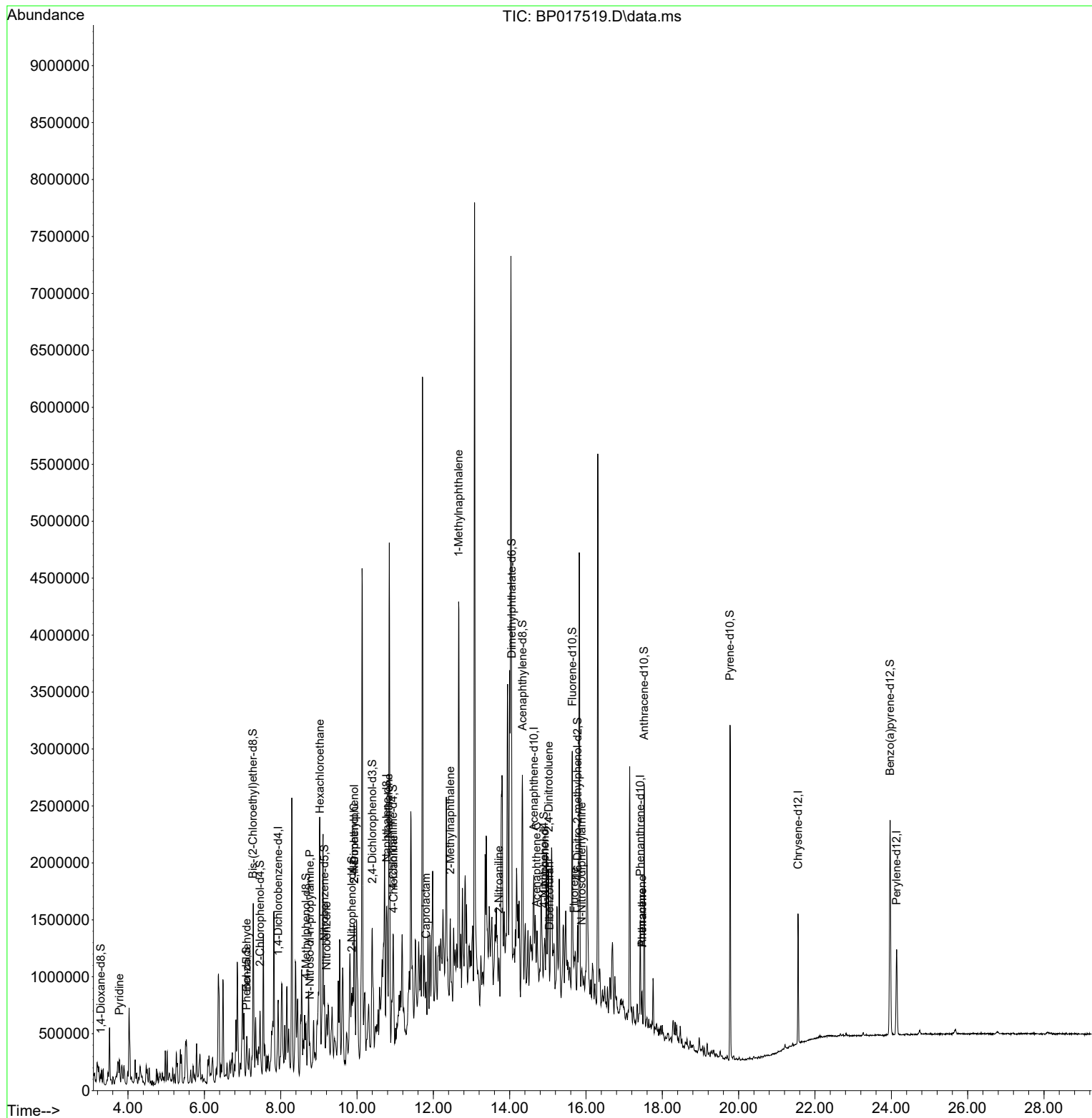
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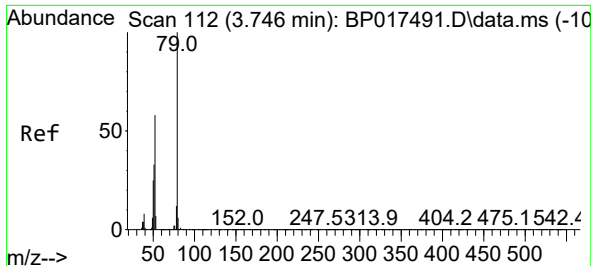
Instrument :
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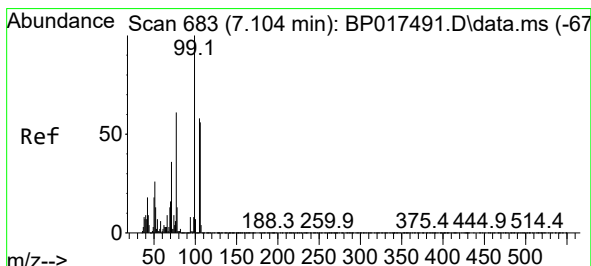
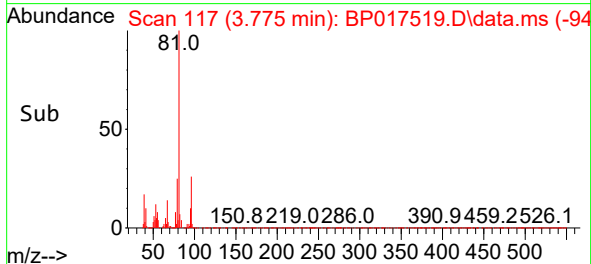
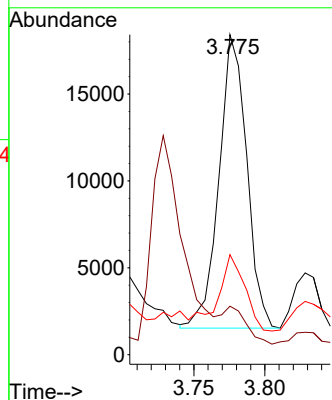
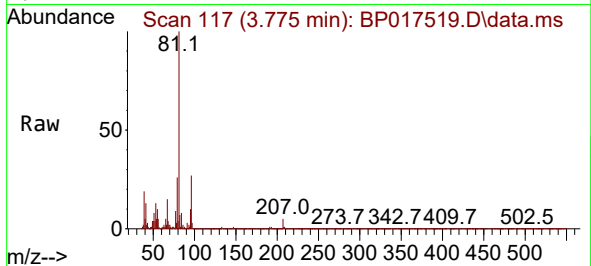




#5
Pyridine
Concen: 3.352 ng/ul
RT: 3.775 min Scan# 112
Delta R.T. 0.036 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

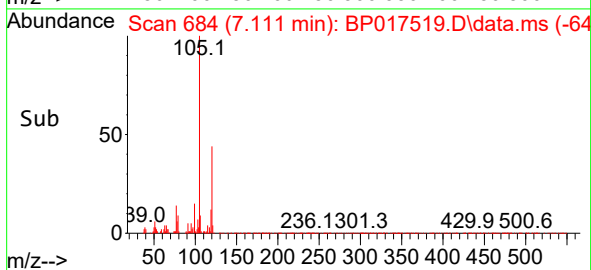
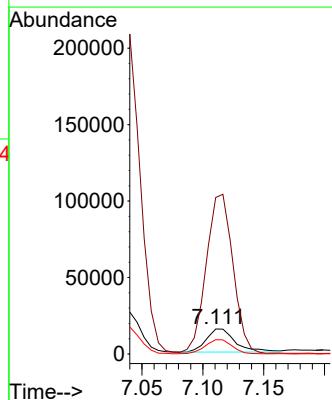
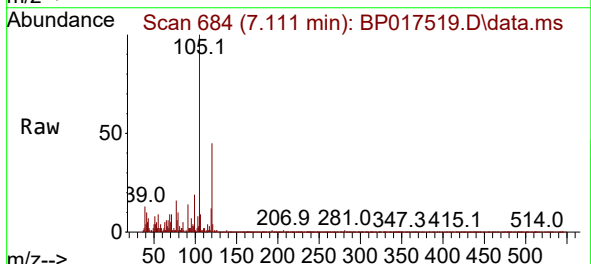
Instrument :
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ClientSampleId :
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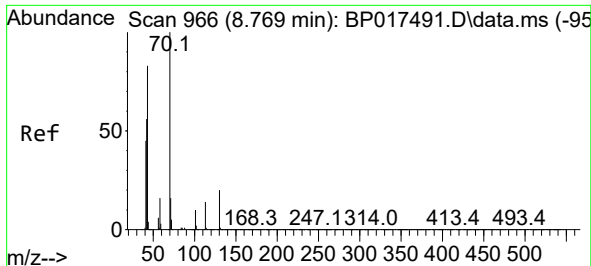
Tgt Ion: 79 Resp: 22930
Ion Ratio Lower Upper
79 100
52 15.1 51.4 77.2#
51 31.3 25.4 38.2



#6
Benzaldehyde
Concen: 6.220 ng/ul
RT: 7.111 min Scan# 684
Delta R.T. 0.018 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

Tgt Ion: 77 Resp: 25237
Ion Ratio Lower Upper
77 100
105 624.6 78.0 117.0#
106 57.1 73.2 109.8#

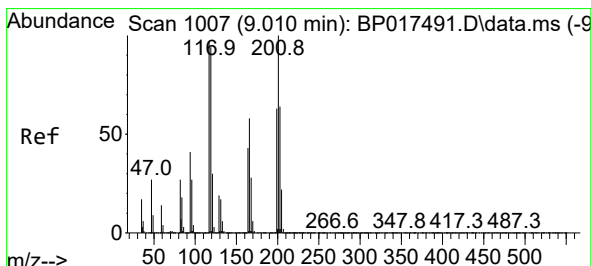
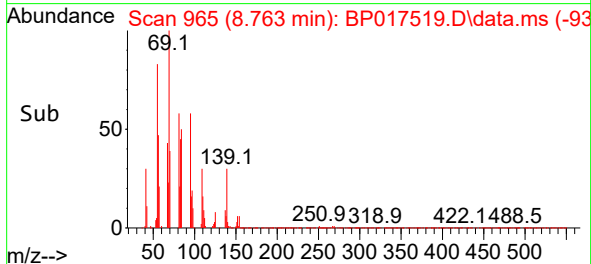
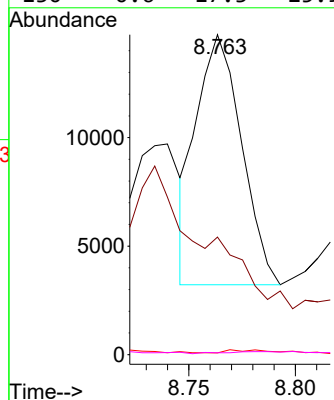
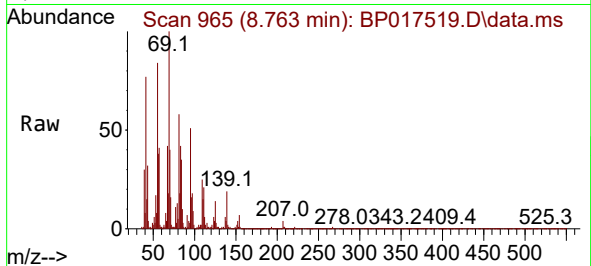




#17
N-Nitroso-di-n-propylamine
Concen: 3.556 ng/ul
RT: 8.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

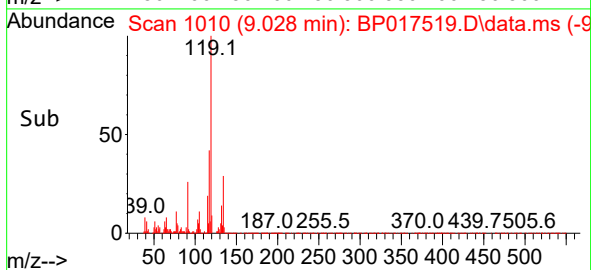
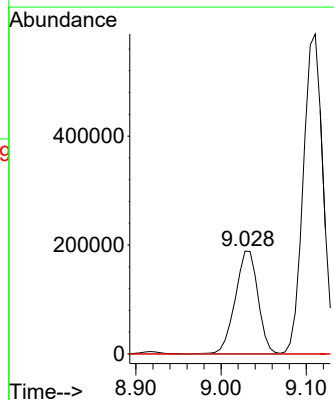
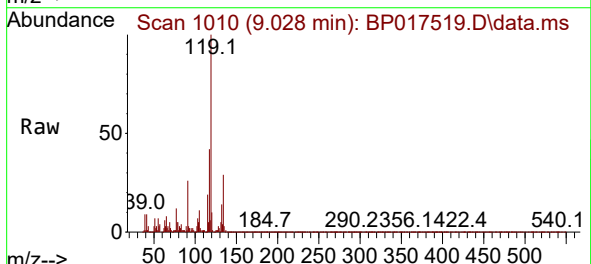
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BNA_P
ClientSampleId :
BBJC3

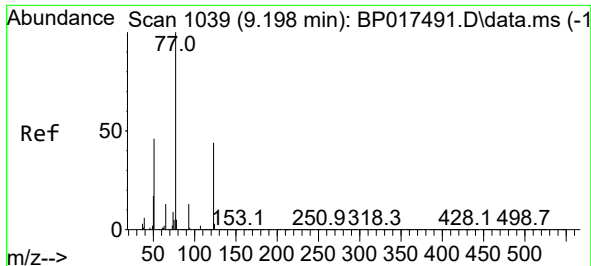
Tgt Ion:	70	Resp:	16951
Ion Ratio	Lower	Upper	
70	100		
42	36.8	42.3	63.5#
101	0.6	7.5	11.3#
130	0.6	17.3	25.9#



#19
Hexachloroethane
Concen: 131.723 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. 0.030 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

Tgt Ion:	117	Resp:	350188
Ion Ratio	Lower	Upper	
117	100		
201	0.0	81.4	122.0#
199	0.0	52.4	78.6#

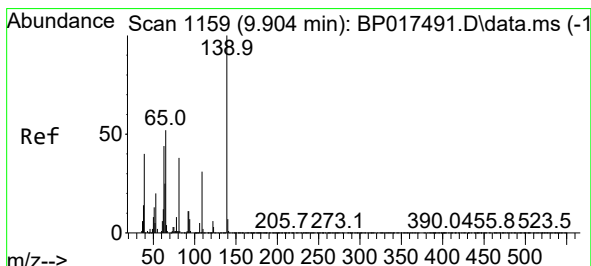
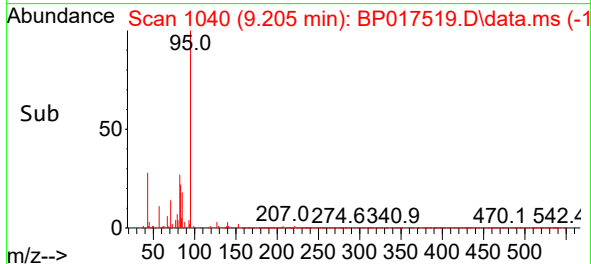
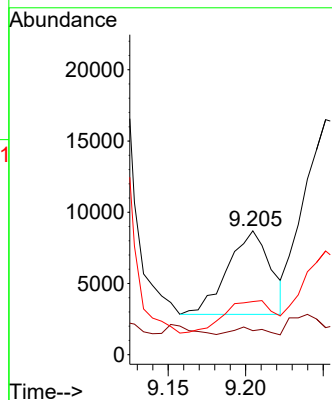
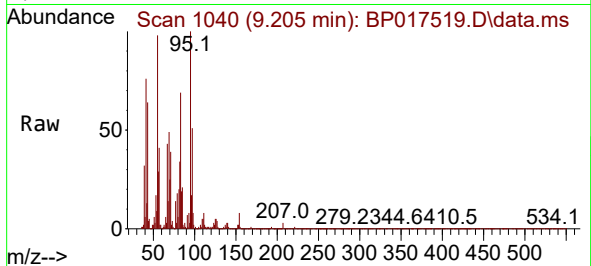




#22
Nitrobenzene
Concen: 1.603 ng/ul
RT: 9.205 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

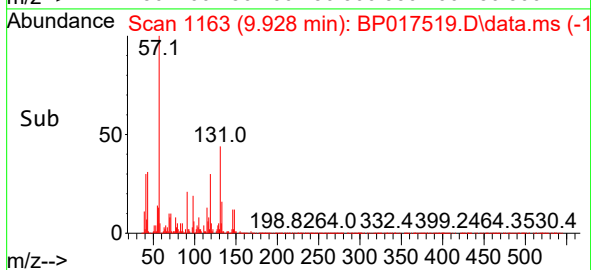
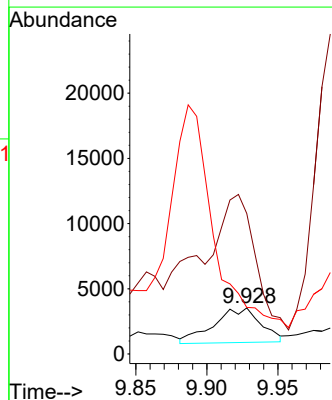
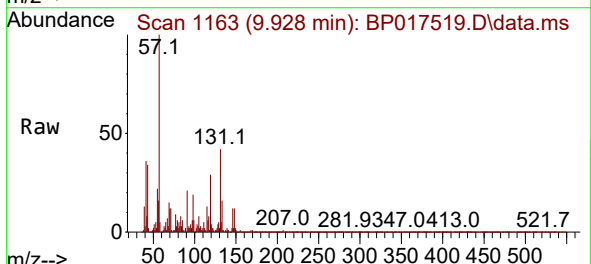
Instrument :
BNA_P
ClientSampleId :
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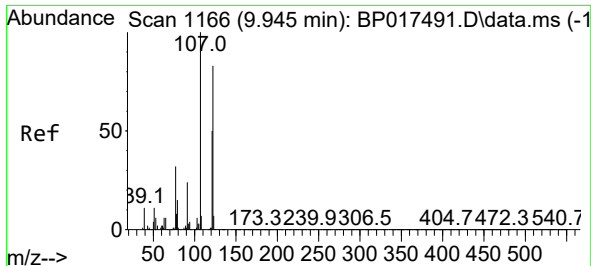
Tgt Ion: 77 Resp: 11259
Ion Ratio Lower Upper
77 100
123 19.4 37.4 56.0#
65 42.9 9.8 14.6#



#25
2-Nitrophenol
Concen: 1.885 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. 0.036 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

Tgt Ion: 139 Resp: 6139
Ion Ratio Lower Upper
139 100
65 305.1 40.6 60.8#
109 101.0 24.2 36.4#

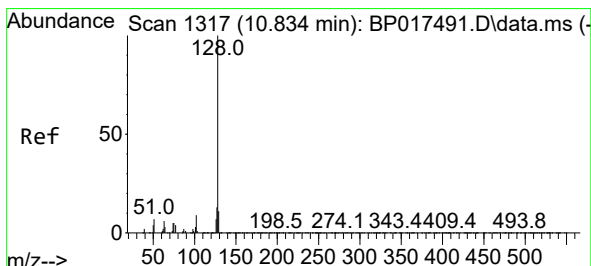
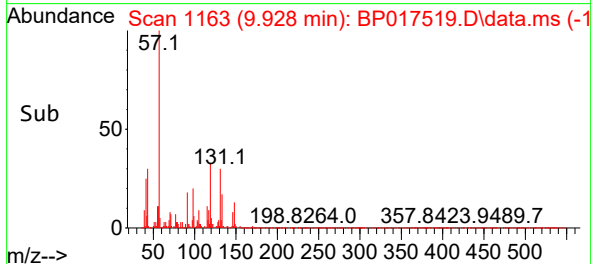
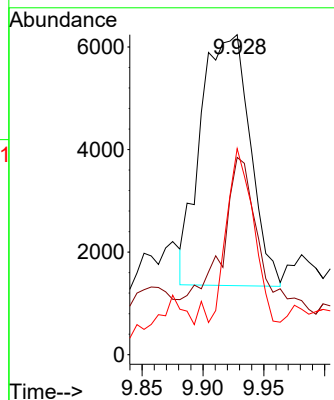
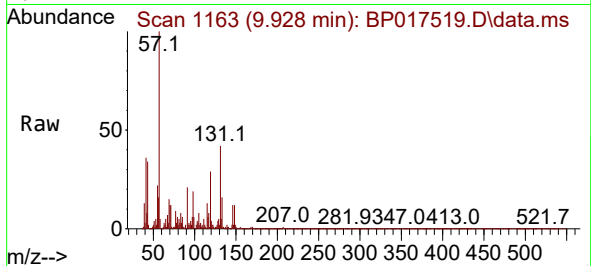




#26
2,4-Dimethylphenol
Concen: 2.113 ng/ul
RT: 9.928 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

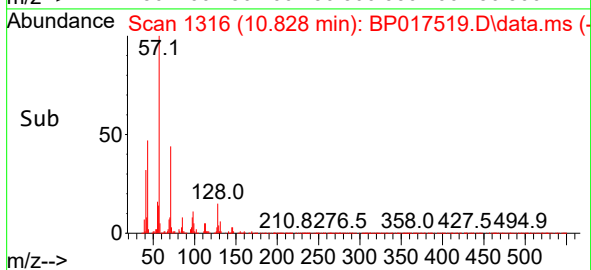
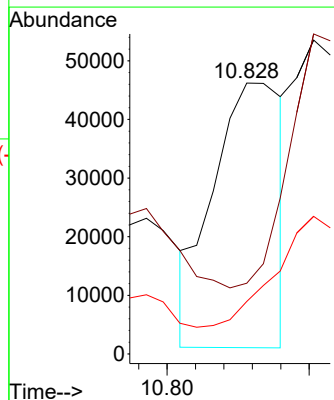
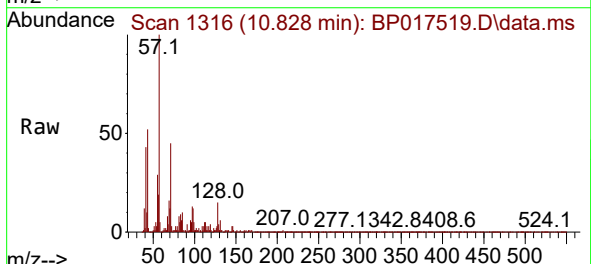
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ClientSampleId :
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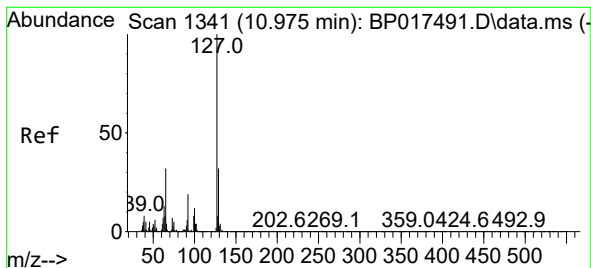
Tgt Ion:107 Resp: 13716
Ion Ratio Lower Upper
107 100
121 61.7 41.1 61.7
122 64.4 69.4 104.0#



#30
Naphthalene
Concen: 3.826 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

Tgt Ion:128 Resp: 76289
Ion Ratio Lower Upper
128 100
129 26.1 8.6 13.0#
127 19.4 10.6 15.8#

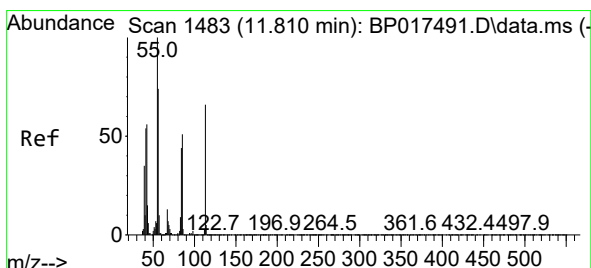
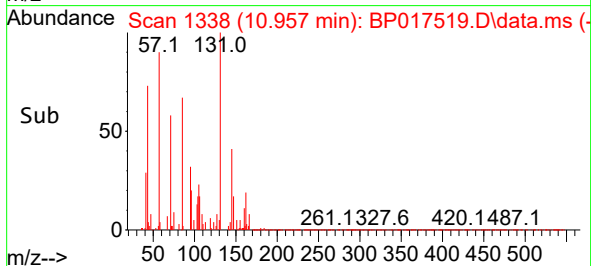
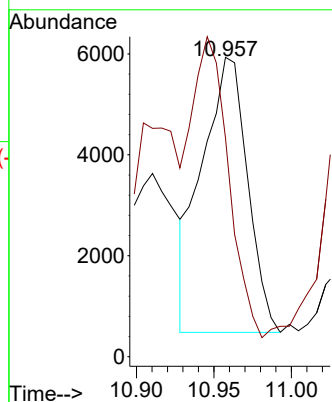
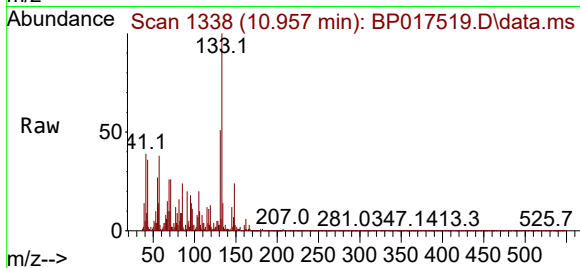




#32
4-Chloroaniline
Concen: 1.416 ng/ul
RT: 10.957 min Scan# 111
Delta R.T. -0.011 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

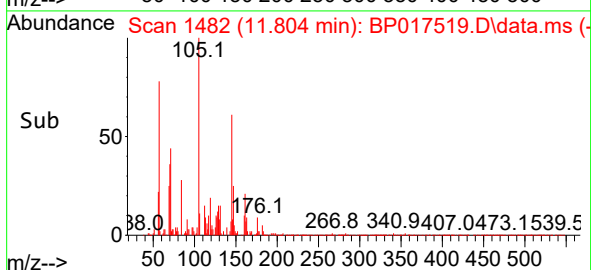
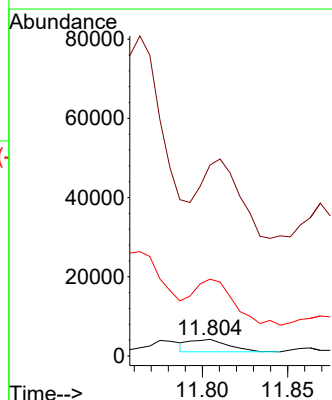
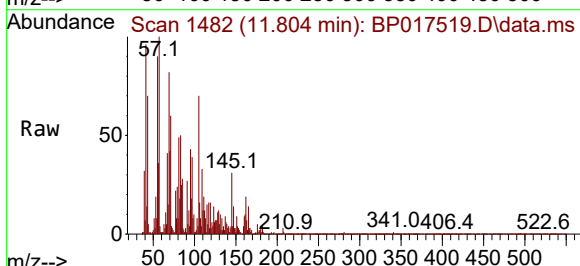
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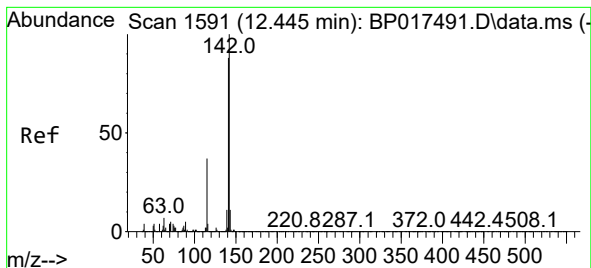
Tgt Ion:127 Resp: 11160
Ion Ratio Lower Upper
127 100
129 73.1 25.1 37.7#



#34
Caprolactam
Concen: 3.099 ng/ul
RT: 11.804 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

Tgt Ion:113 Resp: 5015
Ion Ratio Lower Upper
113 100
55 1149.2 127.4 191.0#
56 462.1 94.5 141.7#

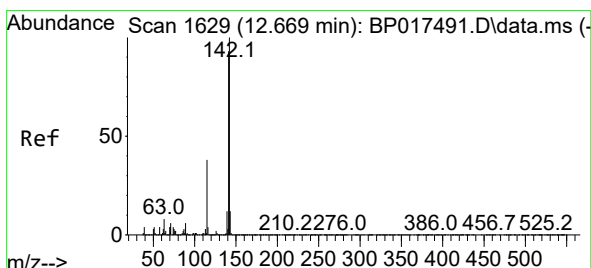
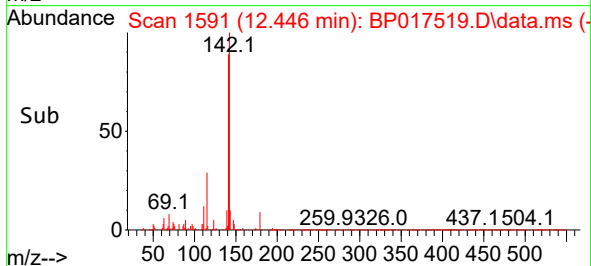
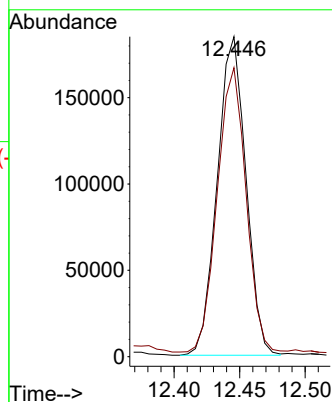
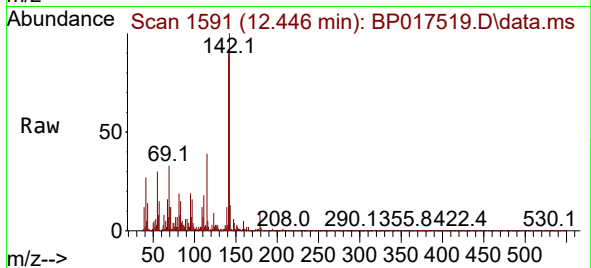




#36
2-Methylnaphthalene
Concen: 21.581 ng/ul
RT: 12.446 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

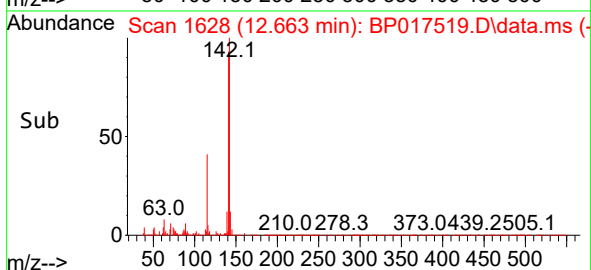
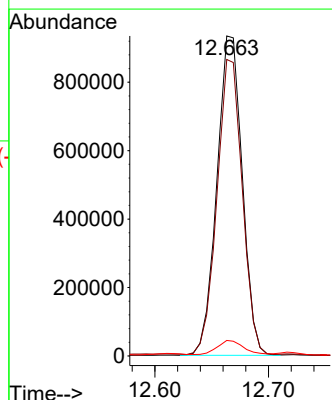
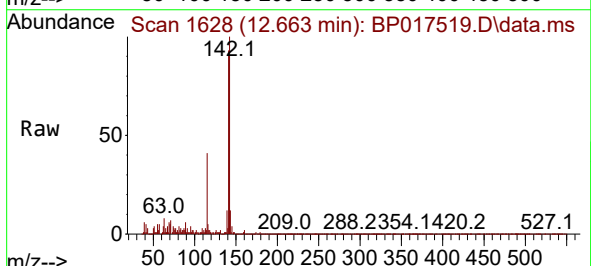
Instrument :
BNA_P
ClientSampleId :
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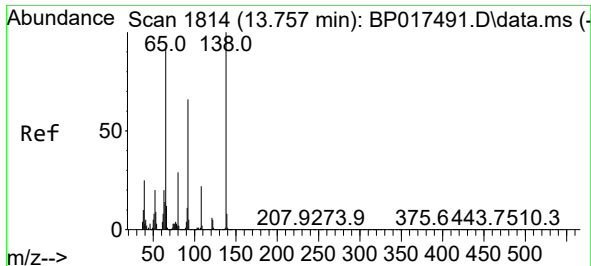
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Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9



#37
1-Methylnaphthalene
Concen: 109.091 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

Tgt Ion:142 Resp: 1451358
Ion Ratio Lower Upper
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141 92.7 73.4 110.2
116 4.8 3.1 4.7#

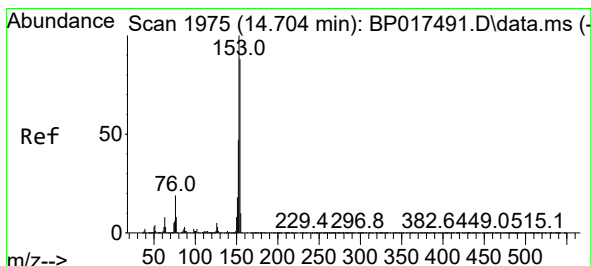
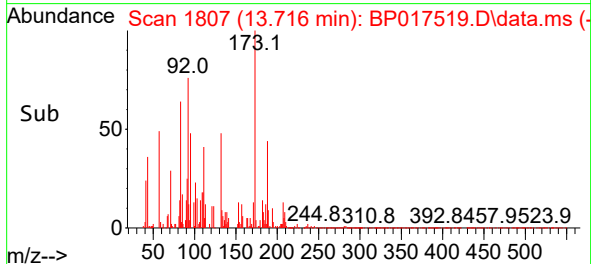
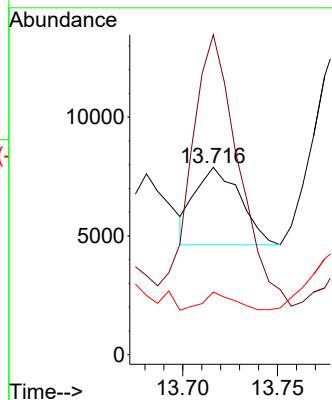
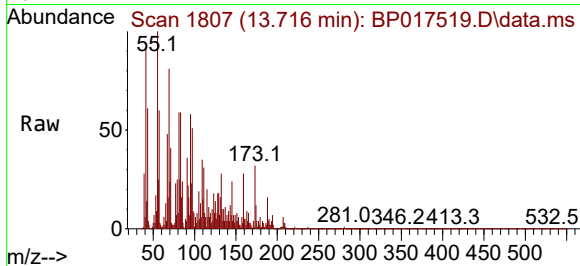




#45
2-Nitroaniline
Concen: 1.213 ng/ul
RT: 13.716 min Scan# 1807
Delta R.T. -0.035 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

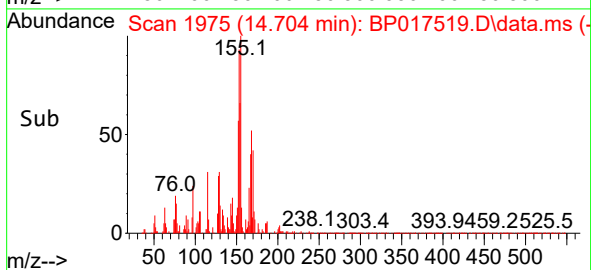
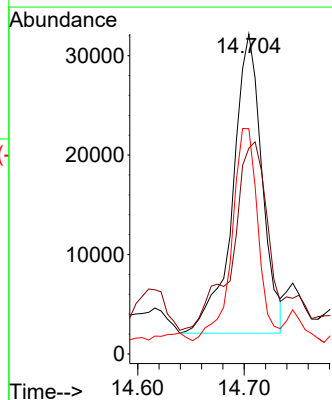
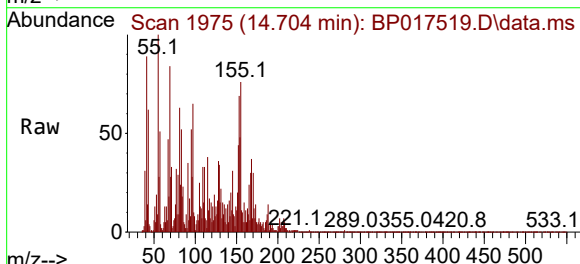
Instrument :
BNA_P
ClientSampleId :
BBJC3

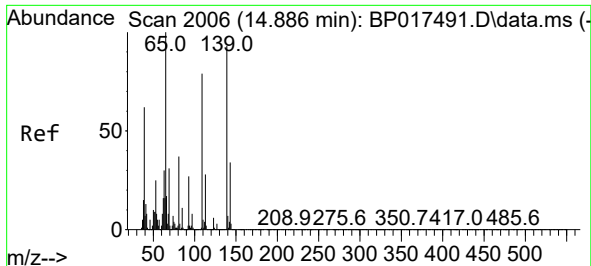
Tgt Ion: 65 Resp: 5409
Ion Ratio Lower Upper
65 100
92 170.8 57.7 86.5#
138 33.4 83.5 125.3#



#52
Acenaphthene
Concen: 3.017 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

Tgt Ion: 153 Resp: 57949
Ion Ratio Lower Upper
153 100
152 64.3 38.0 57.0#
154 70.4 70.1 105.1

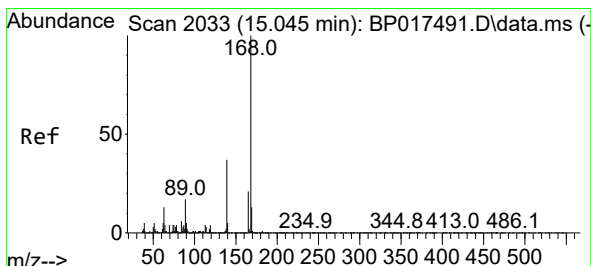
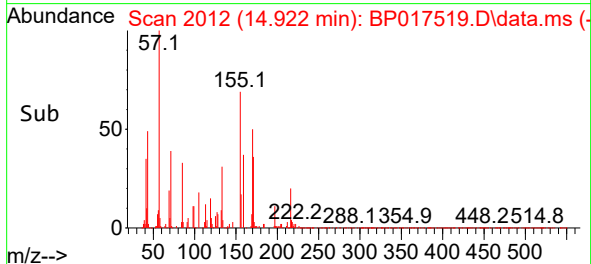
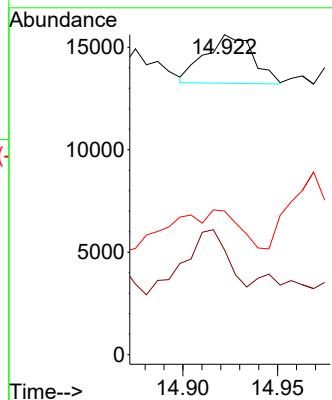
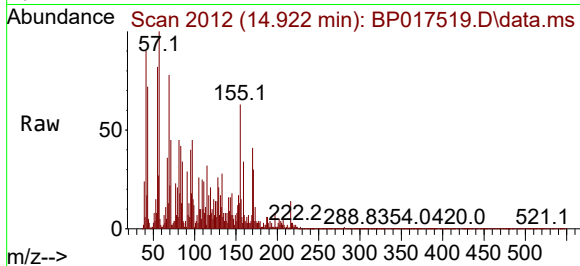




#55
4-Nitrophenol
Concen: 1.408 ng/ul
RT: 14.922 min Scan# 2006
Delta R.T. 0.030 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

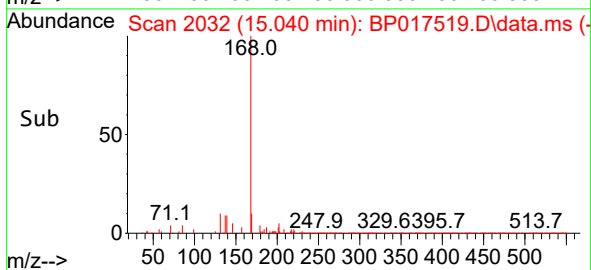
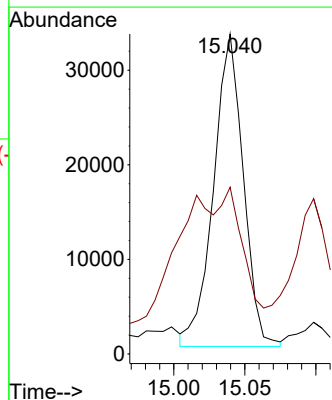
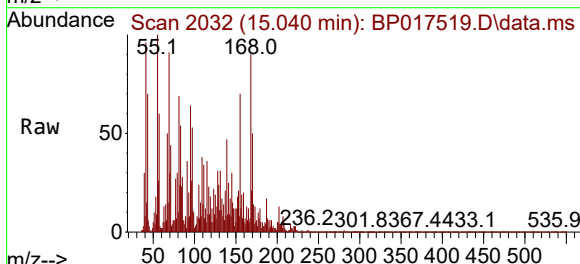
Instrument :
BNA_P
ClientSampleId :
BBJC3

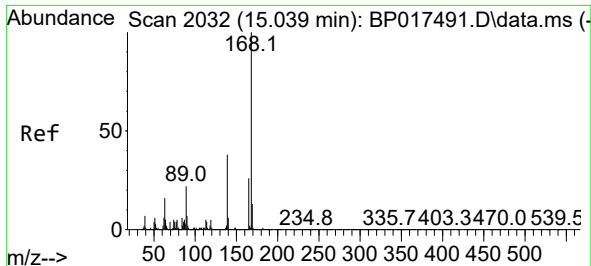
Tgt Ion:109 Resp: 4143
Ion Ratio Lower Upper
109 100
139 32.8 105.7 158.5#
65 44.9 105.4 158.0#



#56
Dibenzofuran
Concen: 1.823 ng/ul
RT: 15.040 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

Tgt Ion:168 Resp: 47955
Ion Ratio Lower Upper
168 100
139 52.1 30.6 45.8#

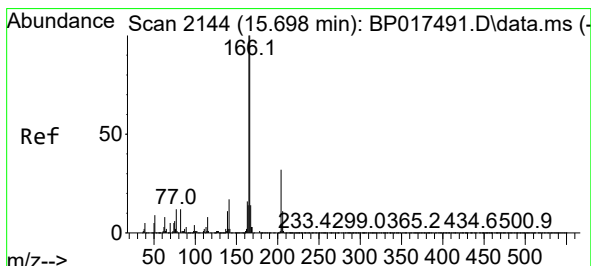
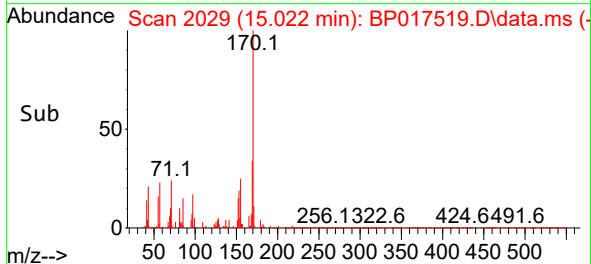
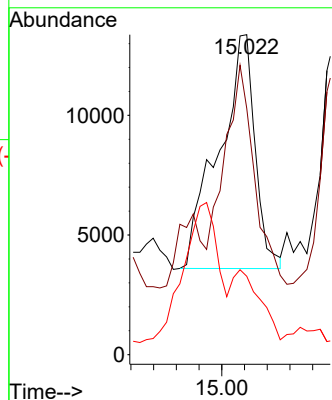
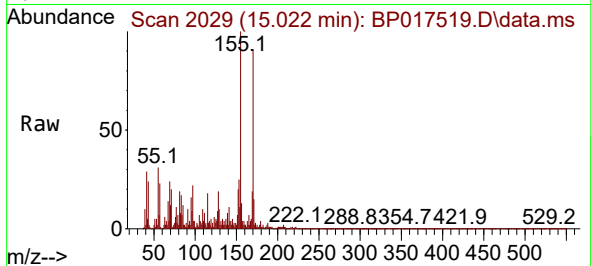




#57
2,4-Dinitrotoluene
Concen: 3.890 ng/ul
RT: 15.022 min Scan# 2032
Delta R.T. -0.011 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

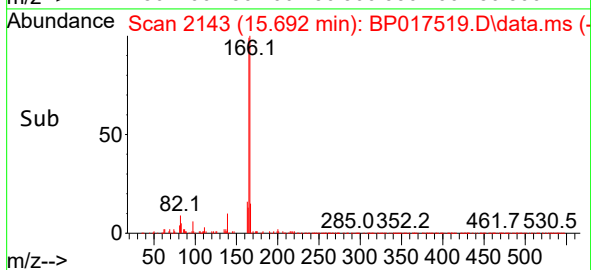
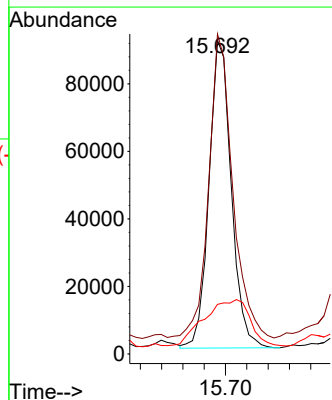
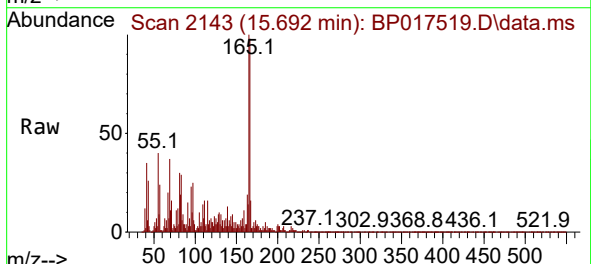
Instrument :
BNA_P
ClientSampleId :
BBJC3

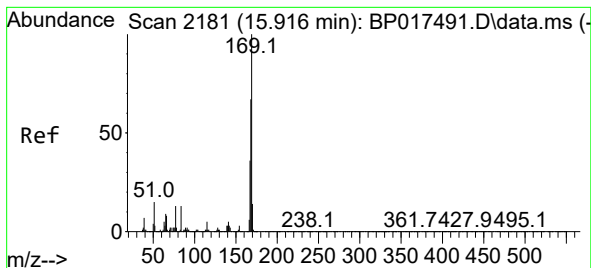
Tgt Ion:165 Resp: 21678
Ion Ratio Lower Upper
165 100
63 76.9 45.6 68.4#
182 24.5 2.0 3.0#



#61
Fluorene
Concen: 6.180 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

Tgt Ion:166 Resp: 132073
Ion Ratio Lower Upper
166 100
165 102.0 77.8 116.6
167 15.8 10.9 16.3





#67

N-Nitrosodiphenylamine

Concen: 4.102 ng/ul

RT: 15.887 min Scan# 2181

Delta R.T. -0.029 min

Lab File: BP017519.D

Acq: 03 Oct 2023 16:23

Instrument :

BNA_P

ClientSampleId :

BBJC3

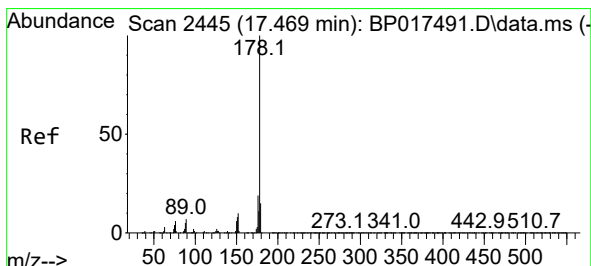
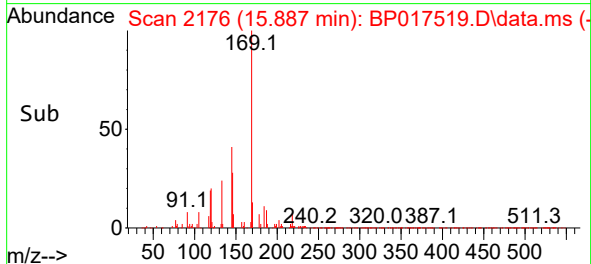
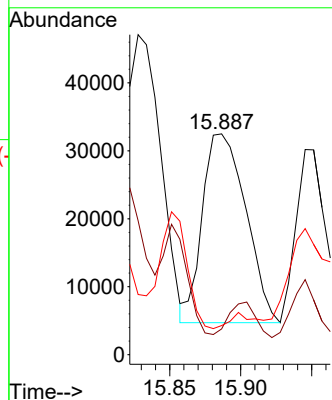
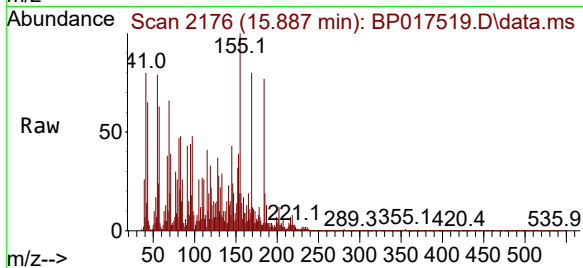
Tgt Ion:169 Resp: 59072

Ion Ratio Lower Upper

169 100

168 11.7 53.5 80.3#

167 13.2 30.0 45.0#



#72

Phenanthrene

Concen: 6.074 ng/ul

RT: 17.469 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BP017519.D

Acq: 03 Oct 2023 16:23

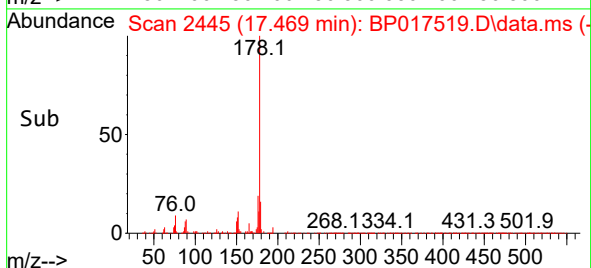
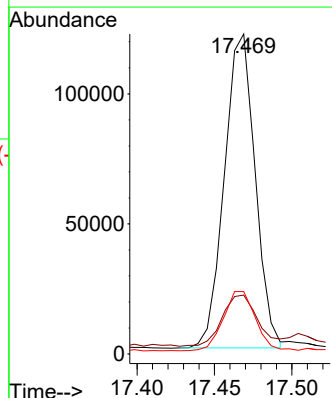
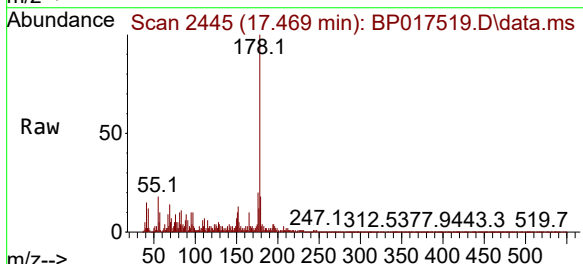
Tgt Ion:178 Resp: 166541

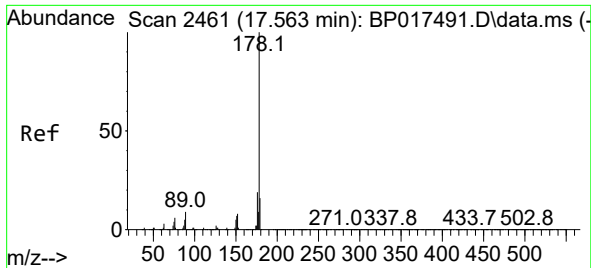
Ion Ratio Lower Upper

178 100

179 18.4 12.7 19.1

176 19.5 15.8 23.6





#74
 Anthracene
 Concen: 6.025 ng/ul
 RT: 17.469 min Scan# 24
 Delta R.T. -0.088 min
 Lab File: BP017519.D
 Acq: 03 Oct 2023 16:23

Instrument :
 BNA_P
 ClientSampleId :
 BBJC3

Tgt Ion:178 Resp: 167421
 Ion Ratio Lower Upper
 178 100
 179 18.4 12.5 18.7
 176 19.5 15.1 22.7

