

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017522.D
 Acq On : 03 Oct 2023 18:06
 Operator : MA/JU
 Sample : 04571-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJM2

Quant Time: Oct 03 23:29:13 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)

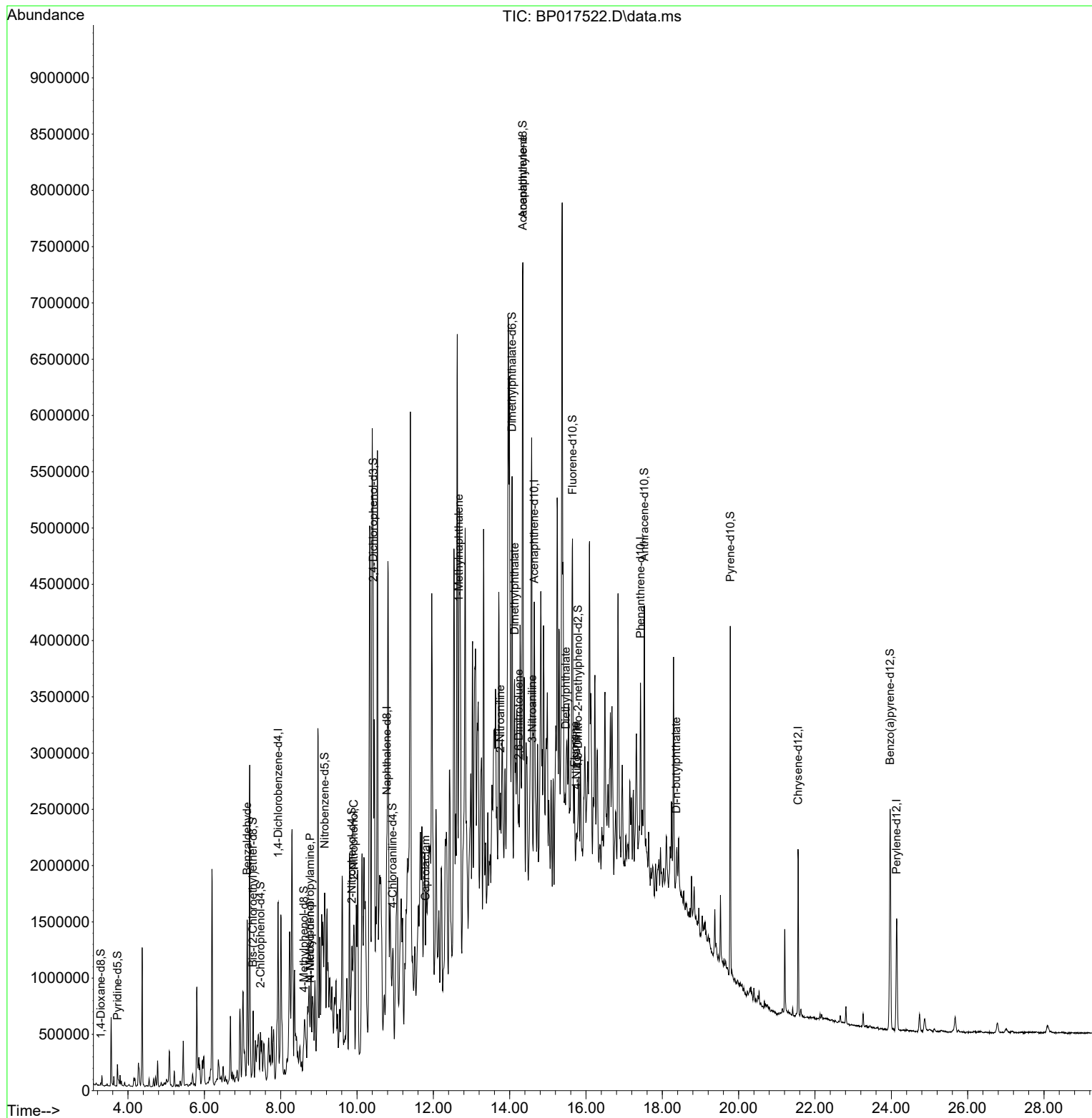
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	131078	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	501856	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.639	164	338362	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.427	188	692836	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	691805	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	785789	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	12747	3.994	ng/uL	0.00
4) Pyridine-d5	3.722	84	99135	11.112	ng/ul	0.00
7) Phenol-d5	7.075	99	182	0.017	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.275	67	235726	36.283	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	179276	20.997	ng/ul	0.02
15) 4-Methylphenol-d8	8.610	113	33708	4.027	ng/ul	-0.05
21) Nitrobenzene-d5	9.151	128	150973	41.612	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	111161	28.217	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	188270	25.296	ng/ul	0.04
31) 4-Chloroaniline-d4	10.934	131	27030	2.507	ng/ul	-0.01
46) Dimethylphthalate-d6	14.063	166	873766	36.048	ng/ul	0.02
49) Acenaphthylene-d8	14.339	160	992317	35.595	ng/ul	0.01
54) 4-Nitrophenol-d4	14.916	143	956	0.226	ng/ul	0.04
60) Fluorene-d10	15.645	176	780563	37.405	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.792	200	48532	12.428	ng/ul	0.02
73) Anthracene-d10	17.528	188	1192151	38.797	ng/ul	0.00
81) Pyrene-d10	19.780	212	1479615	39.550	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1451877	38.376	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.122	77	12025	2.189	ng/ul#	59
17) N-Nitroso-di-n-propyla...	8.769	70	20066	3.109	ng/ul#	87
18) 4-Methylphenol	8.763	108	68252	7.950	ng/ul	95
25) 2-Nitrophenol	9.916	139	5132	1.202	ng/ul#	1
34) Caprolactam	11.793	113	15870	7.485	ng/ul#	1
37) 1-Methylnaphthalene	12.669	142	50761	2.912	ng/ul#	91
45) 2-Nitroaniline	13.751	65	6247	1.249	ng/ul#	30
47) Dimethylphthalate	14.128	163	76972	3.152	ng/ul#	59
48) 2,6-Dinitrotoluene	14.239	165	10366	2.444	ng/ul#	19
50) Acenaphthylene	14.345	152	500367	15.349	ng/ul#	77
51) 3-Nitroaniline	14.592	138	6072	1.330	ng/ul#	64
59) Diethylphthalate	15.475	149	48569	2.058	ng/ul#	60
61) Fluorene	15.704	166	25857	1.079	ng/ul#	75
63) 4-Nitroaniline	15.745	138	6164	1.513	ng/ul#	56
78) Di-n-butylphthalate	18.369	149	49594	1.379	ng/ul#	70

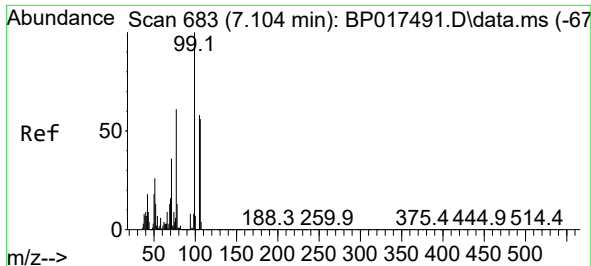
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

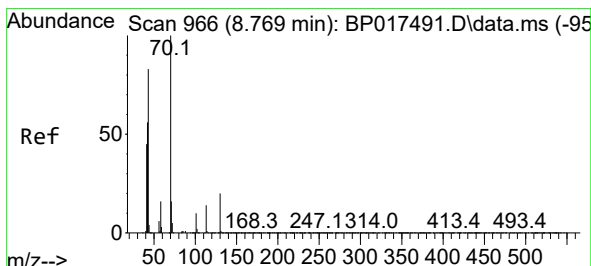
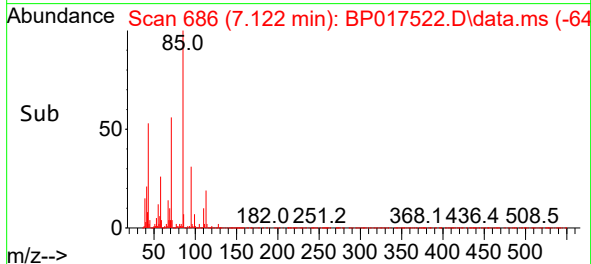
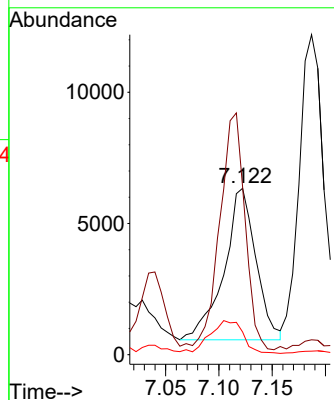
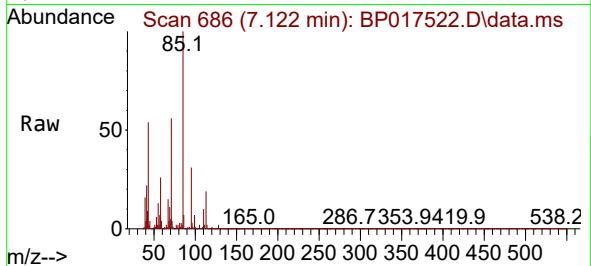




#6
Benzaldehyde
Concen: 2.189 ng/ul
RT: 7.122 min Scan# 61
Delta R.T. 0.030 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

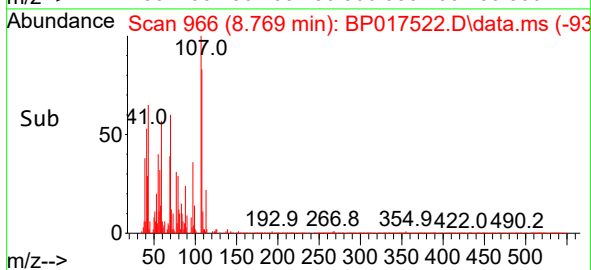
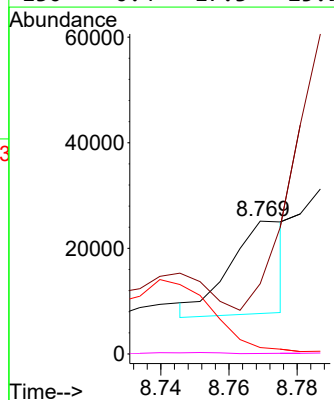
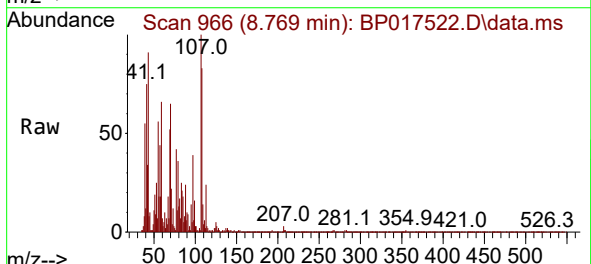
Instrument :
BNA_P
ClientSampleId :
BBJM2

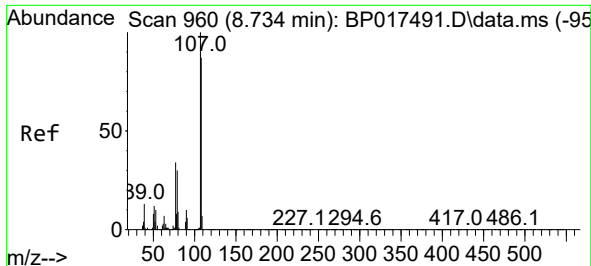
Tgt Ion: 77 Resp: 12025
Ion Ratio Lower Upper
77 100
105 100.8 78.0 117.0
106 13.7 73.2 109.8#



#17
N-Nitroso-di-n-propylamine
Concen: 3.109 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. 0.012 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

Tgt Ion: 70 Resp: 20066
Ion Ratio Lower Upper
70 100
42 52.9 42.3 63.5
101 4.8 7.5 11.3#
130 0.4 17.3 25.9#

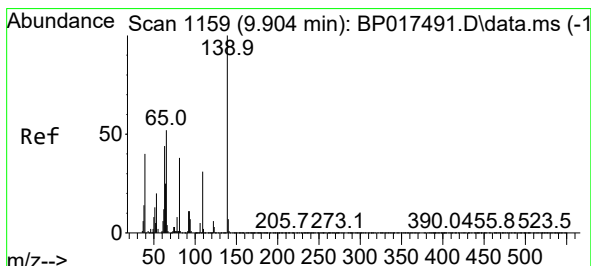
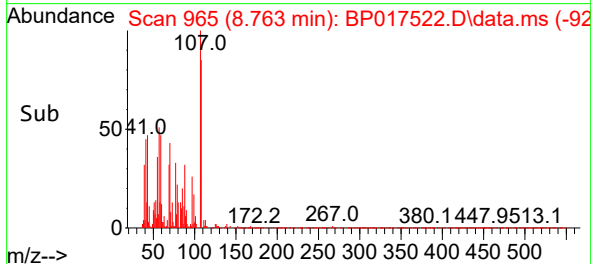
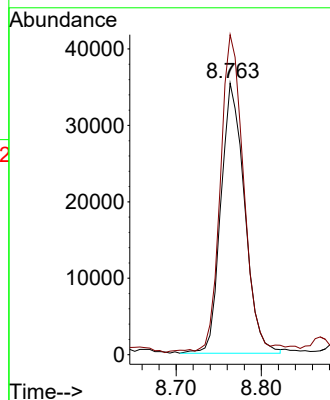
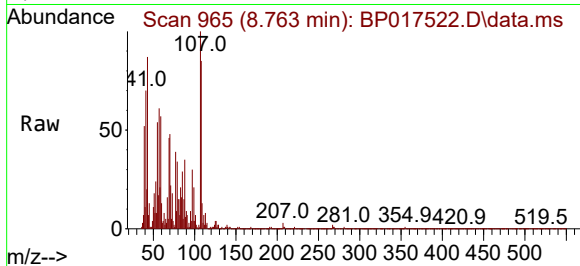




#18
4-Methylphenol
Concen: 7.950 ng/ul
RT: 8.763 min Scan# 90
Delta R.T. 0.035 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

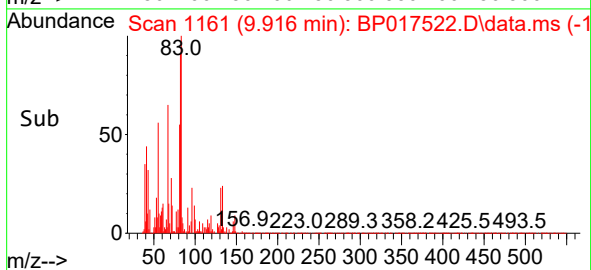
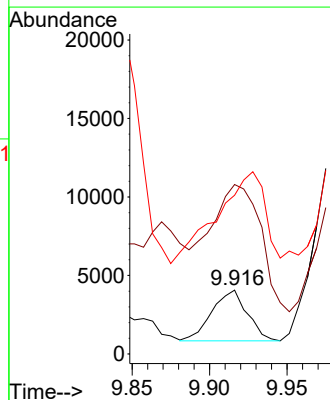
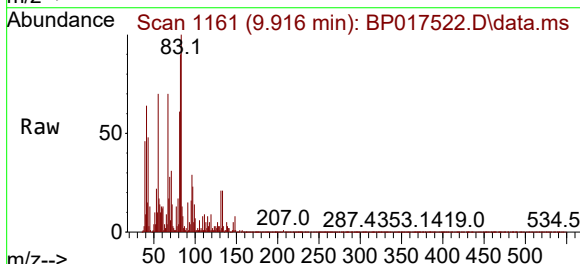
Instrument :
BNA_P
ClientSampleId :
BBJM2

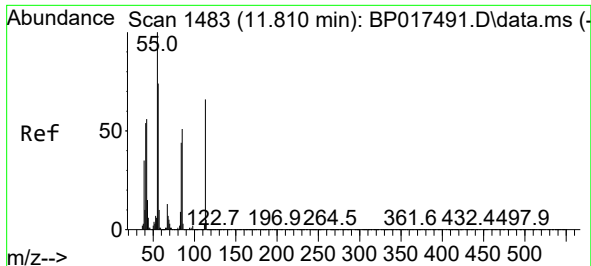
Tgt Ion:108 Resp: 68252
Ion Ratio Lower Upper
108 100
107 117.9 90.0 135.0



#25
2-Nitrophenol
Concen: 1.202 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. 0.024 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

Tgt Ion:139 Resp: 5132
Ion Ratio Lower Upper
139 100
65 265.6 40.6 60.8#
109 248.7 24.2 36.4#

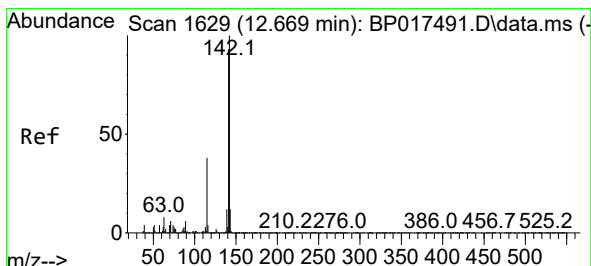
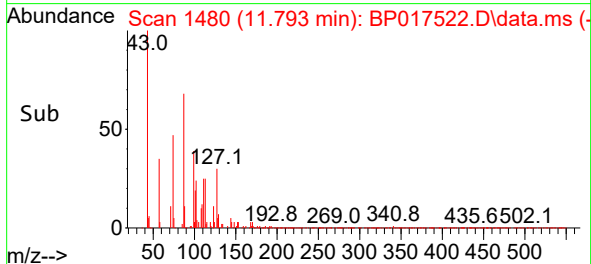
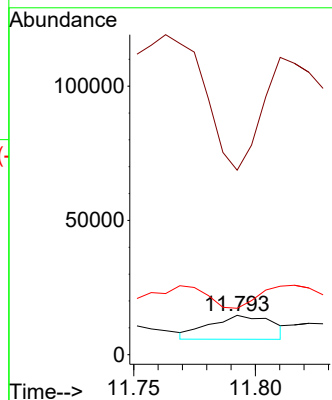
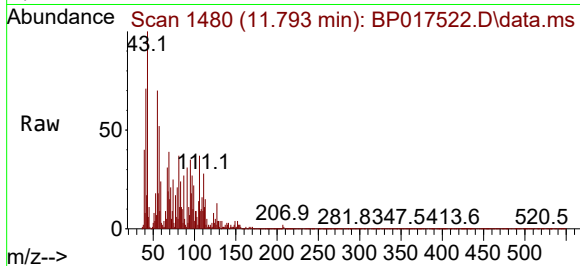




#34
Caprolactam
Concen: 7.485 ng/ul
RT: 11.793 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

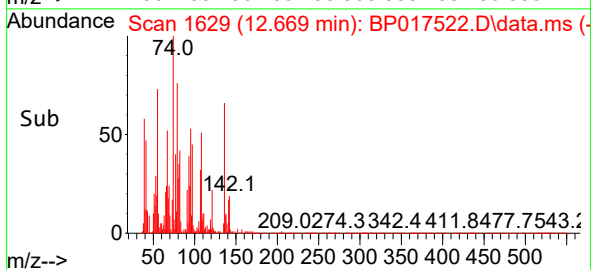
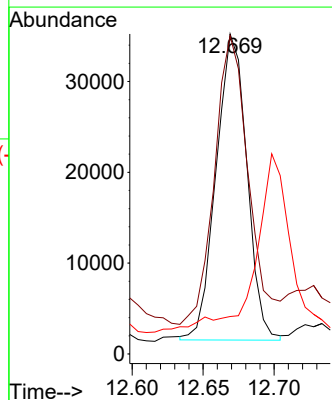
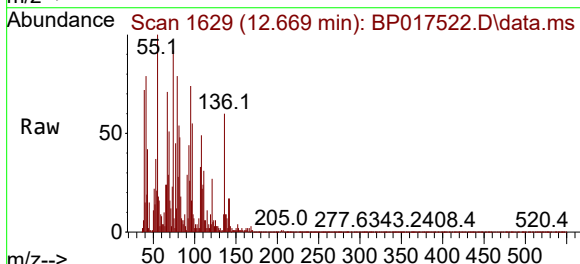
Instrument :
BNA_P
ClientSampleId :
BBJM2

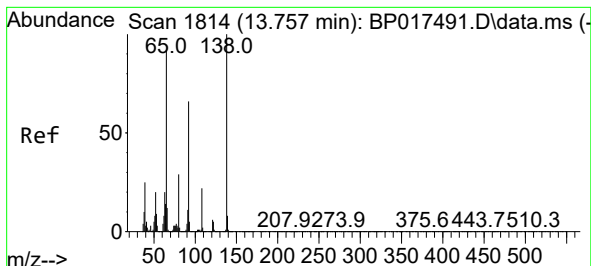
Tgt Ion:113 Resp: 15870
Ion Ratio Lower Upper
113 100
55 469.1 127.4 191.0#
56 118.1 94.5 141.7



#37
1-Methylnaphthalene
Concen: 2.912 ng/ul
RT: 12.669 min Scan# 1629
Delta R.T. 0.006 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

Tgt Ion:142 Resp: 50761
Ion Ratio Lower Upper
142 100
141 99.4 73.4 110.2
116 11.7 3.1 4.7#





#45

2-Nitroaniline

Concen: 1.249 ng/ul

RT: 13.751 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BP017522.D

Acq: 03 Oct 2023 18:06

Instrument :

BNA_P

ClientSampleId :

BBJM2

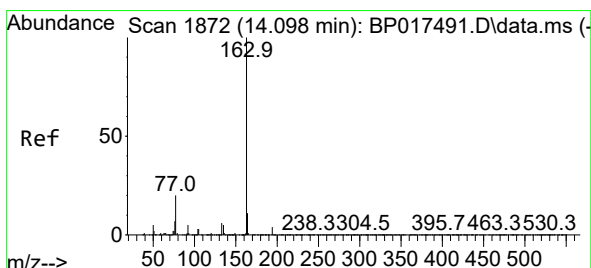
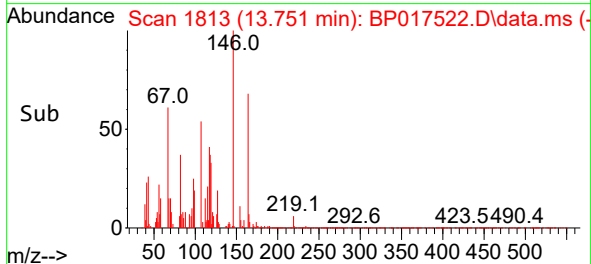
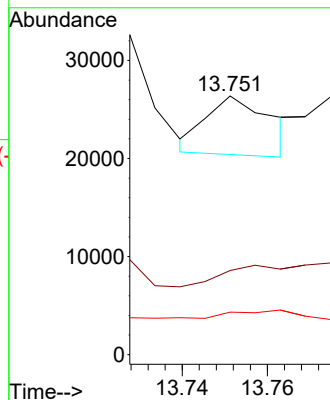
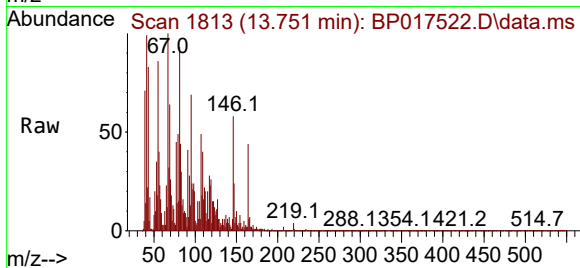
Tgt Ion: 65 Resp: 6247

Ion Ratio Lower Upper

65 100

92 32.5 57.7 86.5#

138 16.5 83.5 125.3#



#47

Dimethylphthalate

Concen: 3.152 ng/ul

RT: 14.128 min Scan# 1877

Delta R.T. 0.035 min

Lab File: BP017522.D

Acq: 03 Oct 2023 18:06

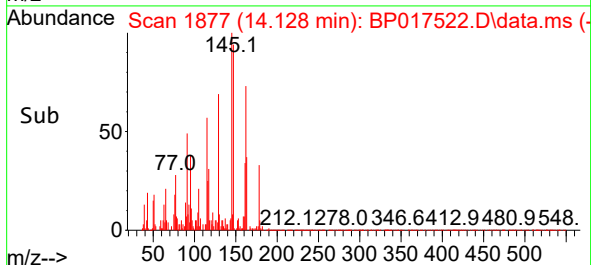
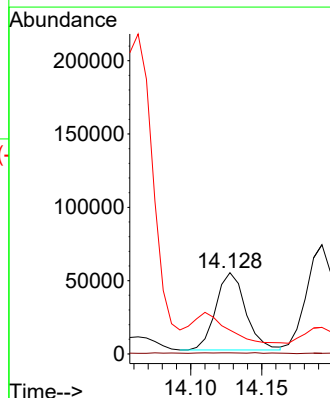
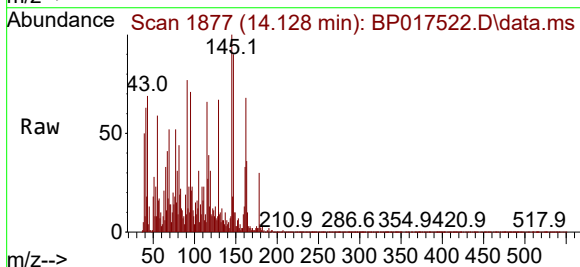
Tgt Ion: 163 Resp: 76972

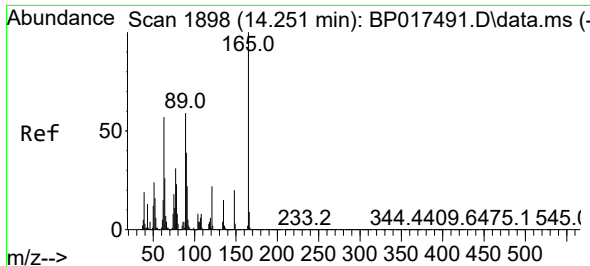
Ion Ratio Lower Upper

163 100

194 1.4 3.2 4.8#

164 29.3 7.5 11.3#

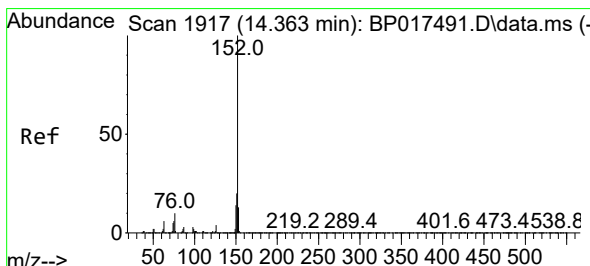
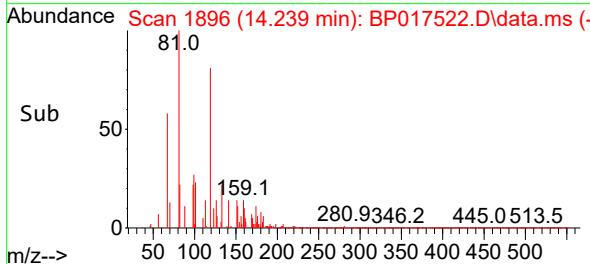
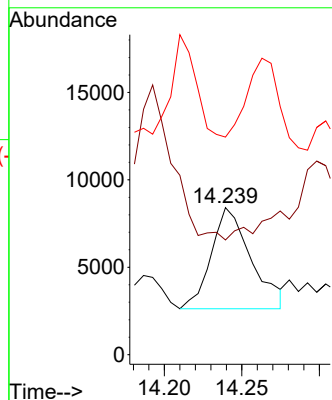
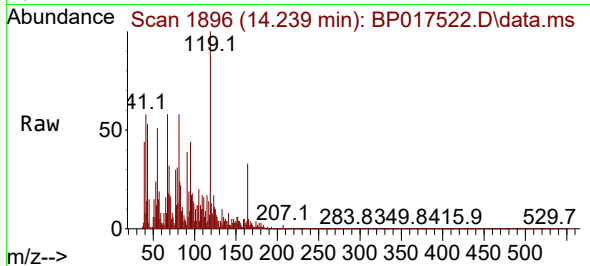




#48
2,6-Dinitrotoluene
Concen: 2.444 ng/ul
RT: 14.239 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

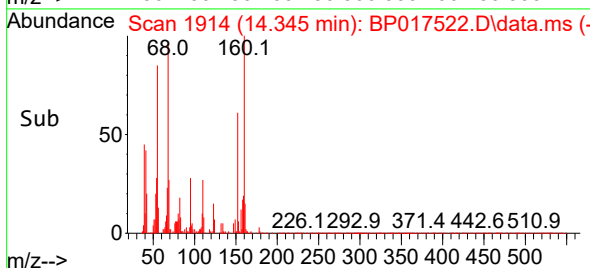
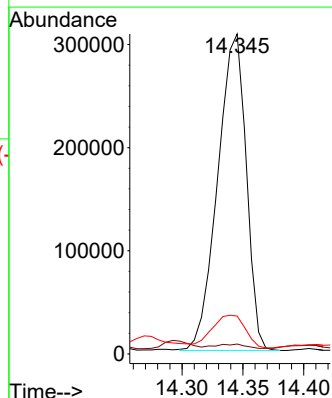
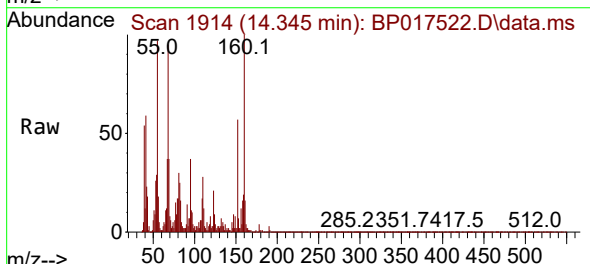
Instrument :
BNA_P
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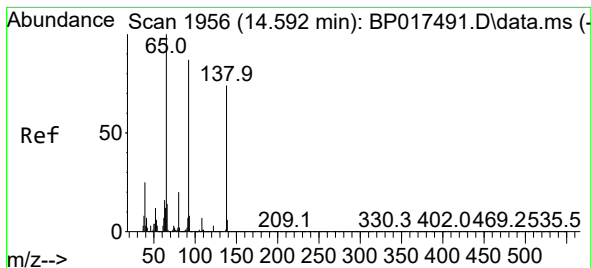
Tgt Ion:165 Resp: 10366
Ion Ratio Lower Upper
165 100
89 78.1 51.7 77.5#
121 148.0 19.7 29.5#



#50
Acenaphthylene
Concen: 15.349 ng/ul
RT: 14.345 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

Tgt Ion:152 Resp: 500367
Ion Ratio Lower Upper
152 100
151 3.1 16.0 24.0#
153 11.8 10.4 15.6

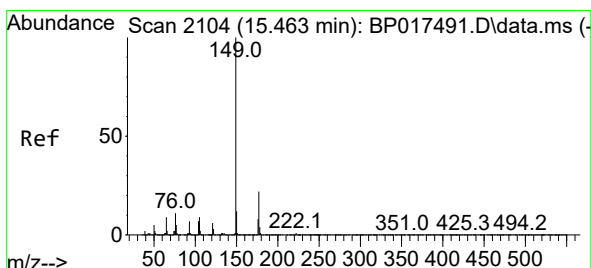
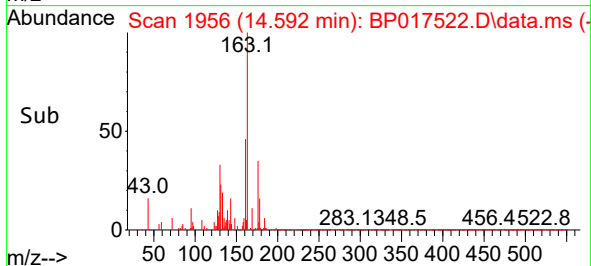
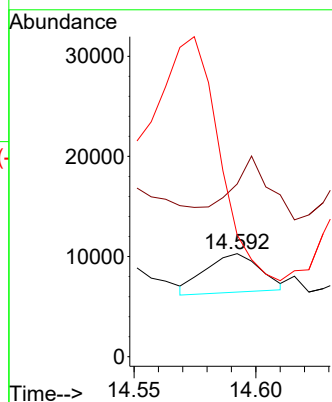
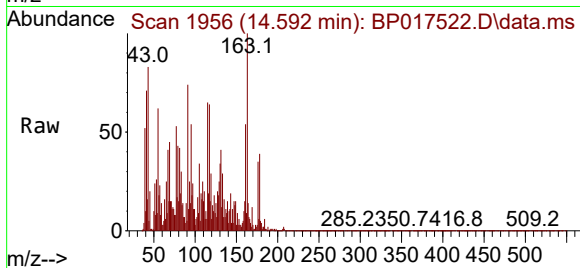




#51
3-Nitroaniline
Concen: 1.330 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

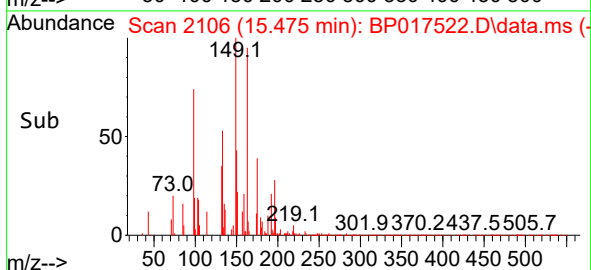
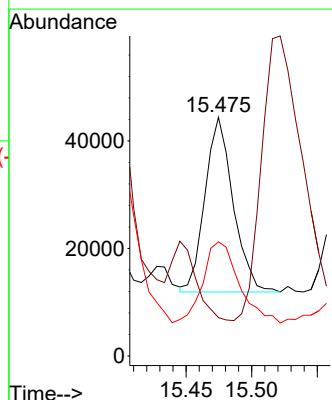
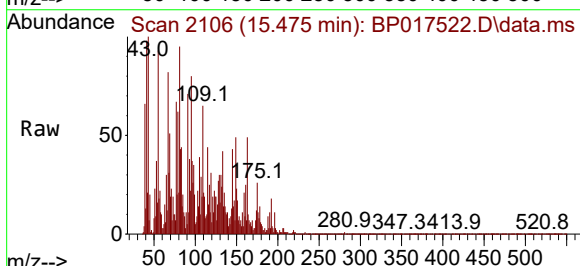
Instrument :
BNA_P
ClientSampleId :
BBJM2

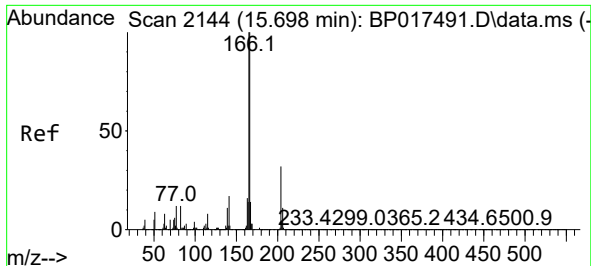
Tgt Ion:138 Resp: 6072
Ion Ratio Lower Upper
138 100
108 167.5 8.2 12.4#
92 118.2 97.4 146.0



#59
Diethylphthalate
Concen: 2.058 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. 0.018 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

Tgt Ion:149 Resp: 48569
Ion Ratio Lower Upper
149 100
177 16.1 17.0 25.6#
150 47.7 9.8 14.6#

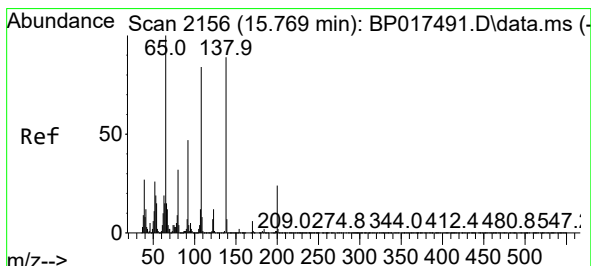
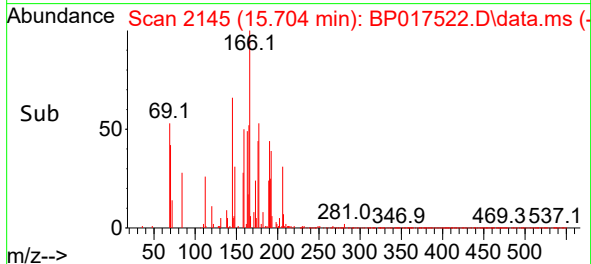
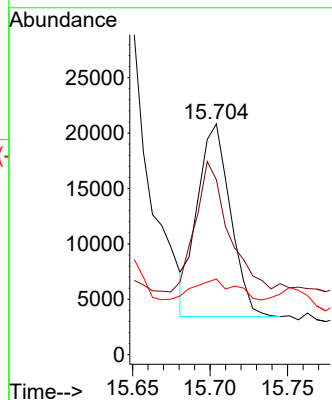
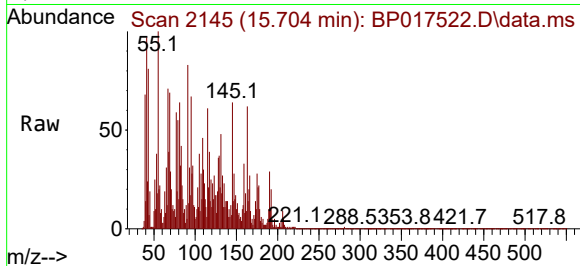




#61
Fluorene
Concen: 1.079 ng/ul
RT: 15.704 min Scan# 2144
Delta R.T. 0.012 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

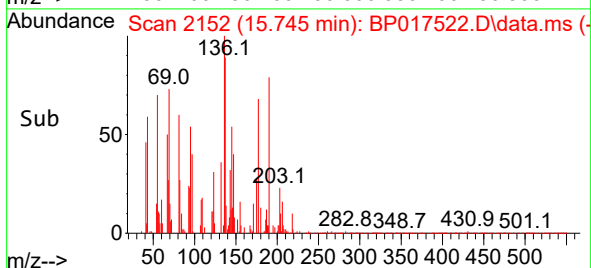
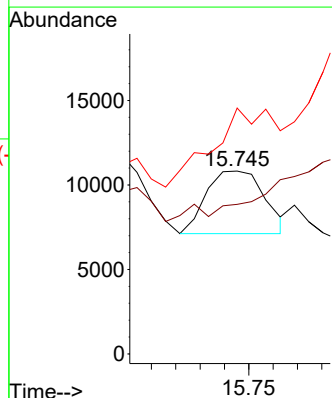
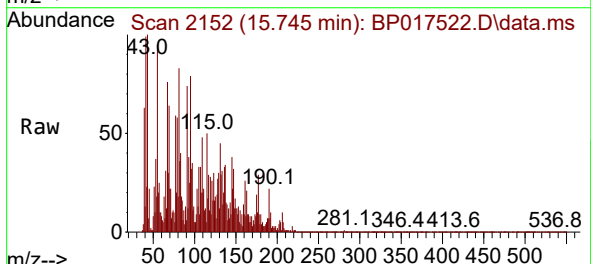
Instrument :
BNA_P
ClientSampleId :
BBJM2

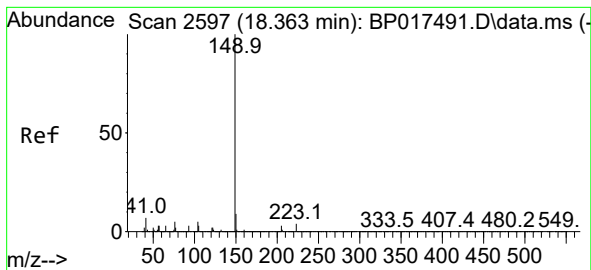
Tgt Ion:166 Resp: 25857
Ion Ratio Lower Upper
166 100
165 75.8 77.8 116.6#
167 32.8 10.9 16.3#



#63
4-Nitroaniline
Concen: 1.513 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.018 min
Lab File: BP017522.D
Acq: 03 Oct 2023 18:06

Tgt Ion:138 Resp: 6164
Ion Ratio Lower Upper
138 100
92 81.8 42.4 63.6#
108 134.5 73.0 109.6#





#78

Di-n-butylphthalate

Concen: 1.379 ng/ul

RT: 18.369 min Scan# 2

Delta R.T. 0.006 min

Lab File: BP017522.D

Acq: 03 Oct 2023 18:06

Instrument :

BNA_P

ClientSampleId :

BBJM2

Tgt Ion:149 Resp: 49594

Ion Ratio Lower Upper

149 100

150 19.6 7.5 11.3#

104 16.8 4.5 6.7#

