

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017518.D
 Acq On : 03 Oct 2023 15:49
 Operator : MA/JU
 Sample : 04497-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJ20

Quant Time: Oct 03 23:28:19 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

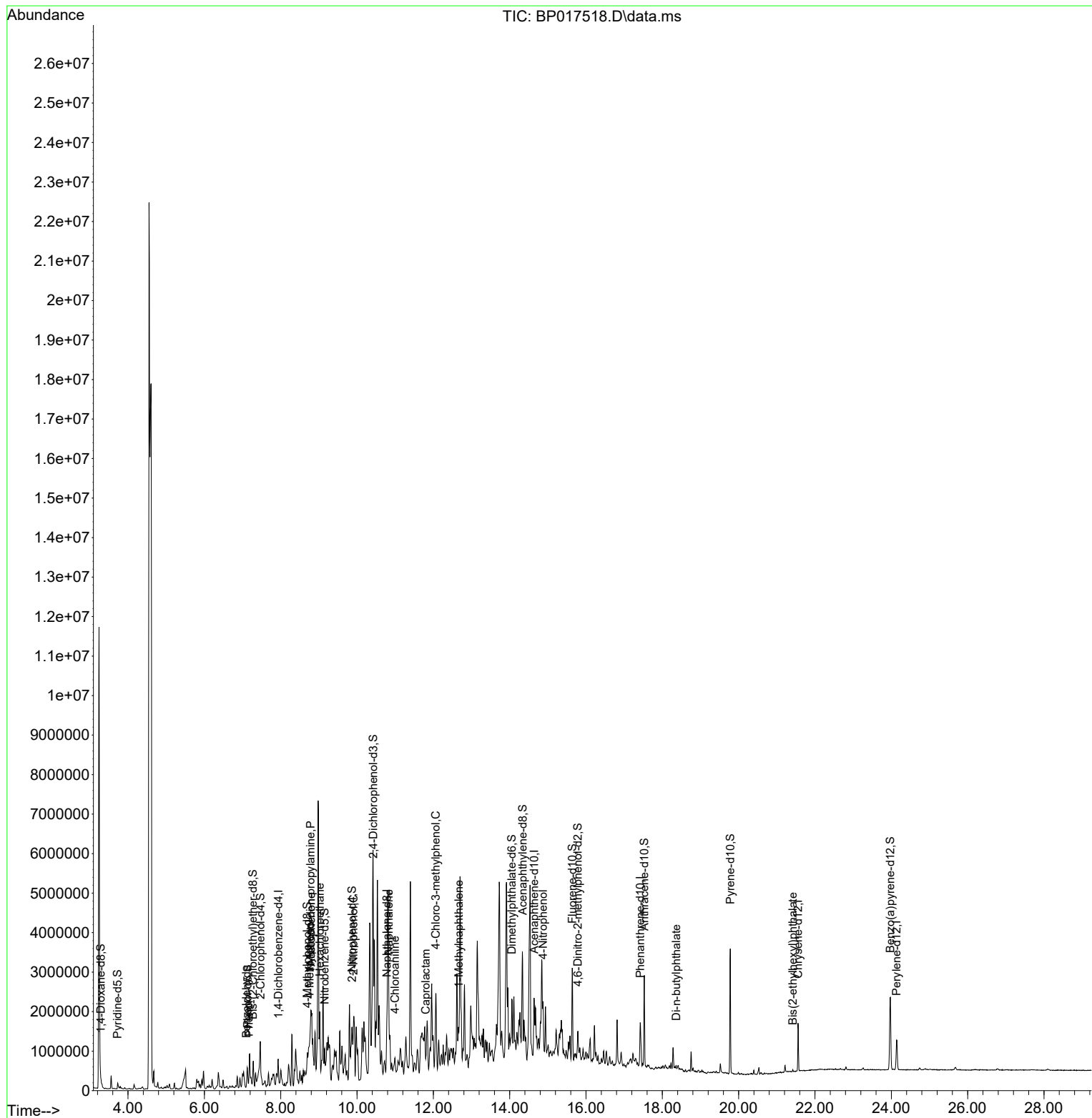
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	99425	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	400506	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.639	164	252960	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.422	188	569086	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	540068	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	603212	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	18572	7.672	ng/uL	0.00
4) Pyridine-d5	3.728	84	81874	12.099	ng/ul	0.01
7) Phenol-d5	7.134	99	84267	10.320	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.275	67	226239	45.909	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	243601	37.613	ng/ul	0.02
15) 4-Methylphenol-d8	8.699	113	162999	25.675	ng/ul	0.04
21) Nitrobenzene-d5	9.152	128	147555	50.962	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	164850	52.435	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.428	165	285633	48.089	ng/ul	0.04
31) 4-Chloroaniline-d4	10.946	131	3710	0.431	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	924127	50.997	ng/ul	0.01
49) Acenaphthylene-d8	14.339	160	1062972	51.002	ng/ul	0.01
54) 4-Nitrophenol-d4	14.869	143	447	0.142	ng/ul	0.00
60) Fluorene-d10	15.639	176	805920	51.659	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	117736	36.707	ng/ul	0.01
73) Anthracene-d10	17.528	188	1279365	50.689	ng/ul	0.00
81) Pyrene-d10	19.780	212	1558077	53.349	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1437201	49.486	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.105	77	4636	1.113	ng/ul#	73
8) Phenol	7.163	94	12591	1.533	ng/ul#	78
16) Acetophenone	8.799	105	17103	1.743	ng/ul#	41
17) N-Nitroso-di-n-propyla...	8.787	70	64199	13.113	ng/ul#	1
18) 4-Methylphenol	8.757	108	11042	1.696	ng/ul	87
19) Hexachloroethane	9.028	117	97500	35.710	ng/ul#	6
25) 2-Nitrophenol	9.910	139	5850	1.717	ng/ul#	1
30) Naphthalene	10.834	128	37050	1.777	ng/ul#	69
32) 4-Chloroaniline	10.993	127	13756	1.668	ng/ul#	62
34) Caprolactam	11.798	113	3336	1.971	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.063	107	7834	1.331	ng/ul#	29
37) 1-Methylnaphthalene	12.669	142	59016	4.242	ng/ul#	98
55) 4-Nitrophenol	14.875	109	41341	16.762	ng/ul#	11
78) Di-n-butylphthalate	18.363	149	39721	1.344	ng/ul#	88
86) Bis(2-ethylhexyl)phtha...	21.416	149	18598	1.003	ng/ul#	91

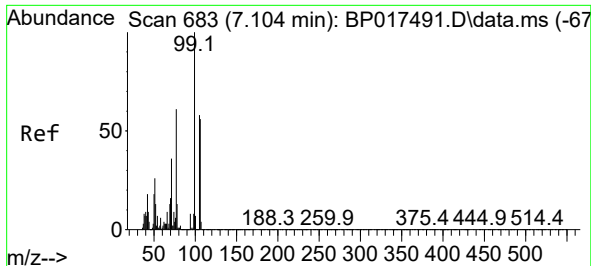
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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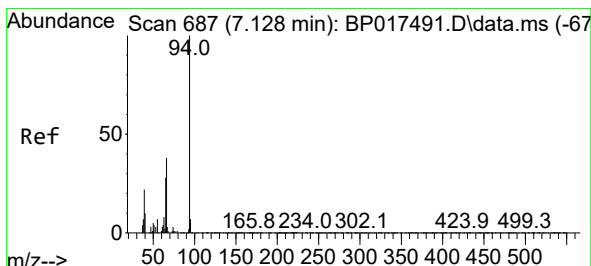
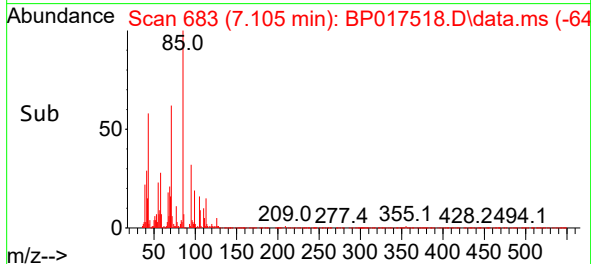
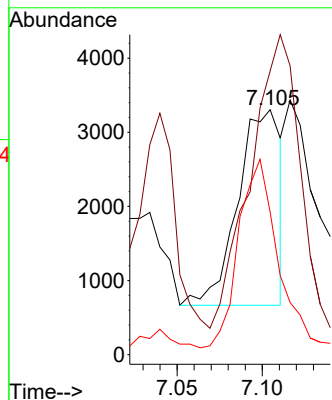
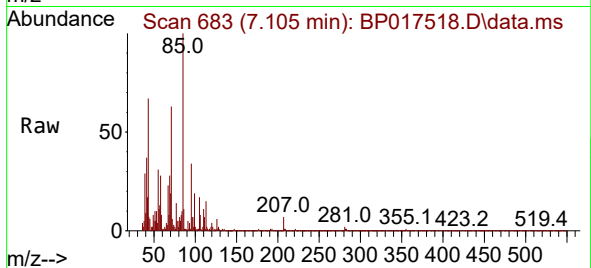




#6
Benzaldehyde
Concen: 1.113 ng/ul
RT: 7.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

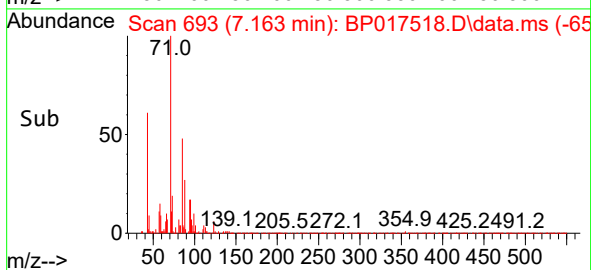
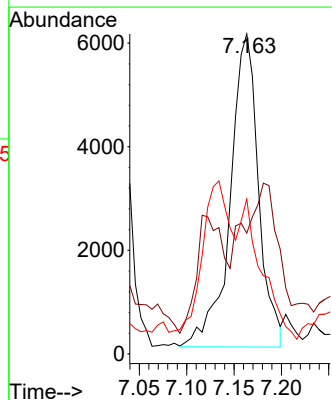
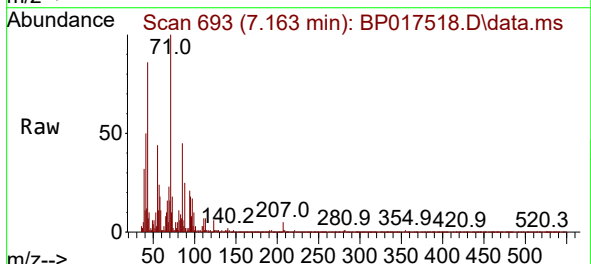
Instrument :
BNA_P
ClientSampleId :
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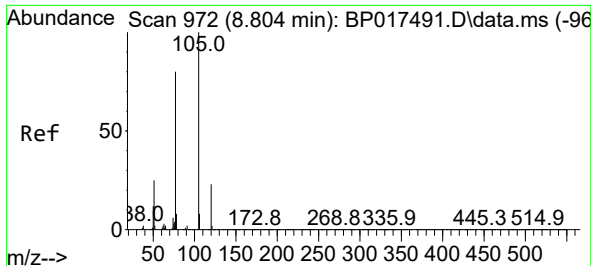
Tgt Ion: 77 Resp: 4636
Ion Ratio Lower Upper
77 100
105 115.8 78.0 117.0
106 58.2 73.2 109.8#



#8
Phenol
Concen: 1.533 ng/ul
RT: 7.163 min Scan# 693
Delta R.T. 0.041 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

Tgt Ion: 94 Resp: 12591
Ion Ratio Lower Upper
94 100
65 37.8 21.4 32.2#
66 48.4 28.2 42.2#

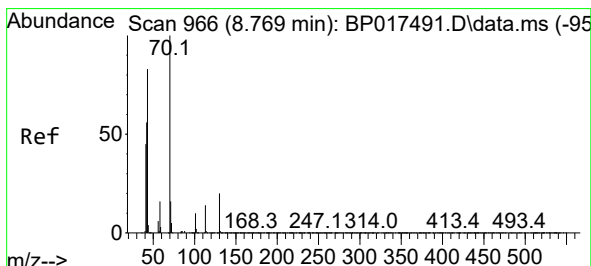
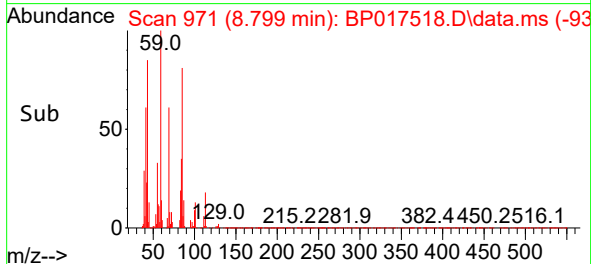
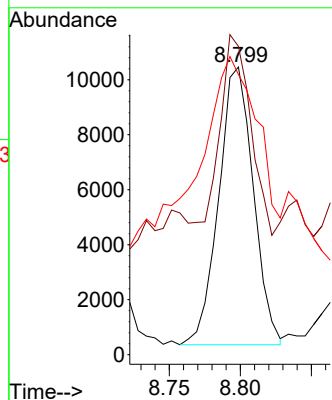
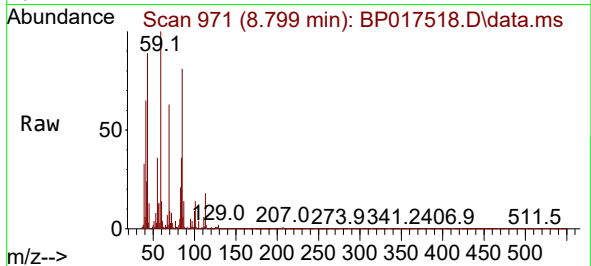




#16
Acetophenone
Concen: 1.743 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

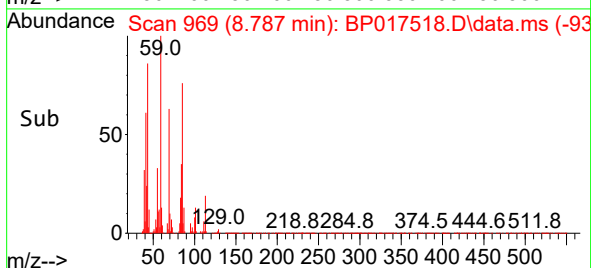
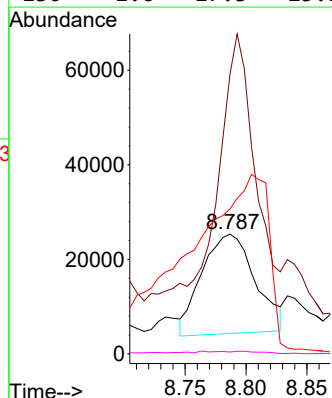
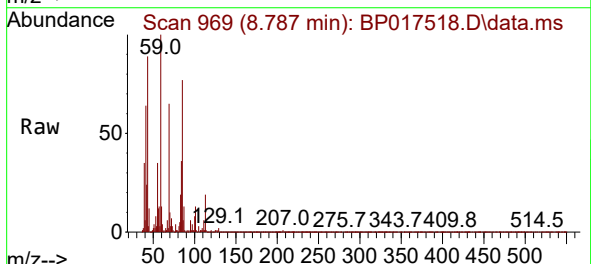
Instrument :
BNA_P
ClientSampleId :
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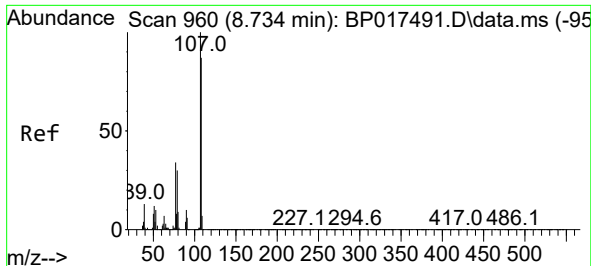
Tgt Ion:105 Resp: 17103
Ion Ratio Lower Upper
105 100
77 107.2 63.6 95.4#
51 97.4 19.2 28.8#



#17
N-Nitroso-di-n-propylamine
Concen: 13.113 ng/ul
RT: 8.787 min Scan# 969
Delta R.T. 0.030 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

Tgt Ion: 70 Resp: 64199
Ion Ratio Lower Upper
70 100
42 233.2 42.3 63.5#
101 120.9 7.5 11.3#
130 1.6 17.3 25.9#

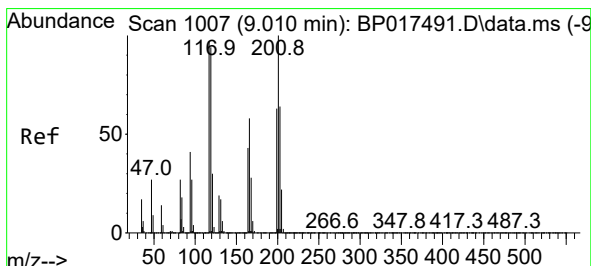
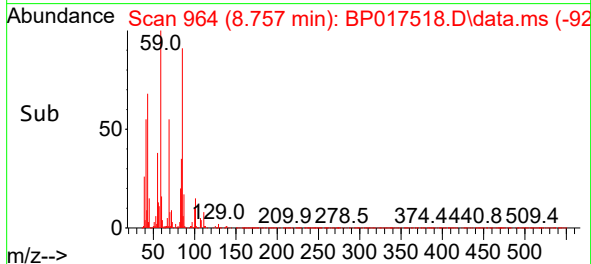
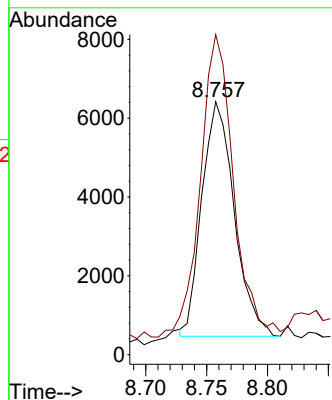
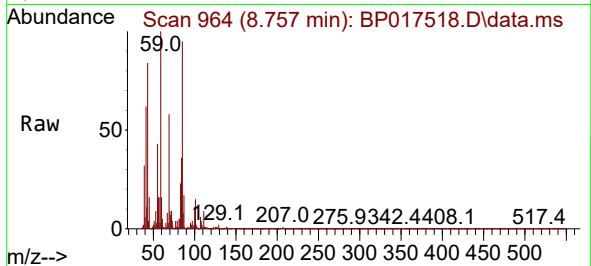




#18
4-Methylphenol
Concen: 1.696 ng/ul
RT: 8.757 min Scan# 90
Delta R.T. 0.030 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

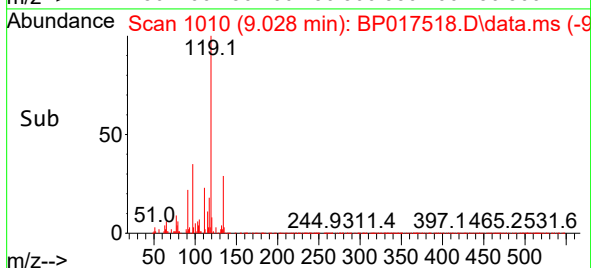
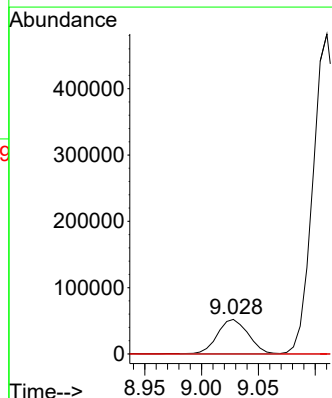
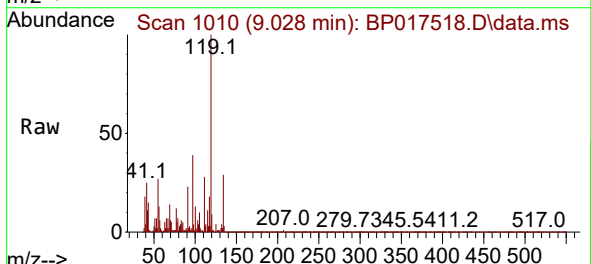
Instrument :
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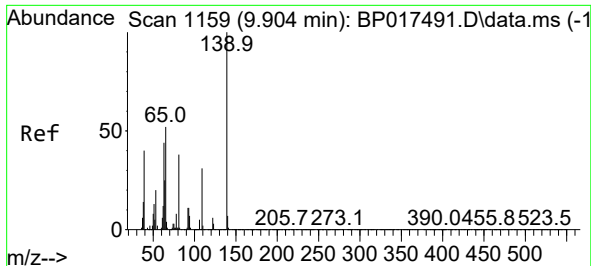
Tgt Ion:108 Resp: 11042
Ion Ratio Lower Upper
108 100
107 126.5 90.0 135.0



#19
Hexachloroethane
Concen: 35.710 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. 0.030 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

Tgt Ion:117 Resp: 97500
Ion Ratio Lower Upper
117 100
201 0.0 81.4 122.0#
199 0.0 52.4 78.6#

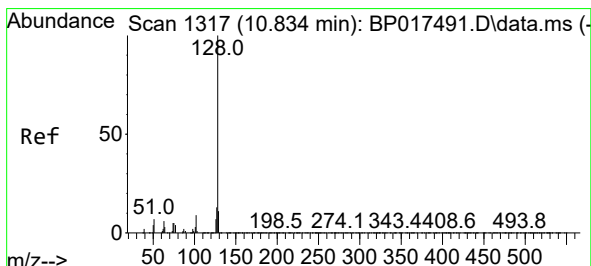
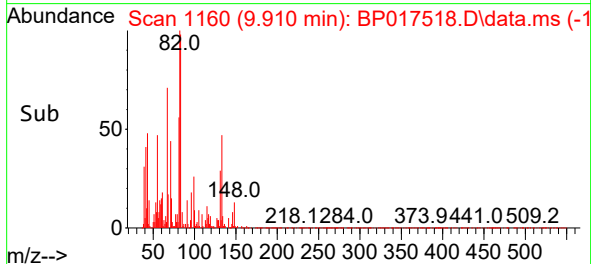
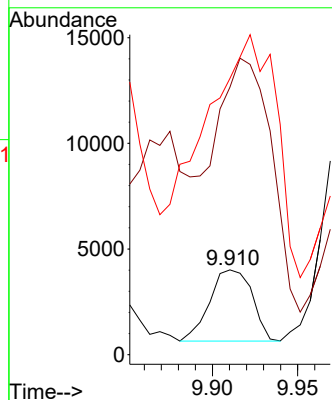
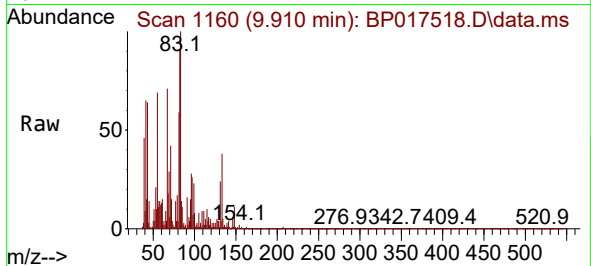




#25
2-Nitrophenol
Concen: 1.717 ng/ul
RT: 9.910 min Scan# 1159
Delta R.T. 0.018 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

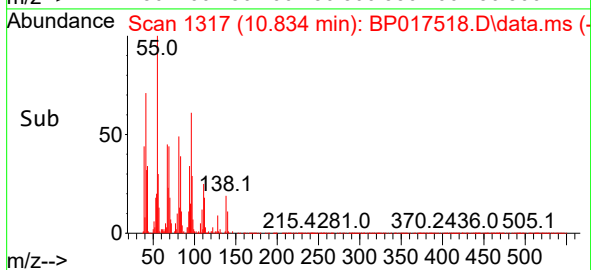
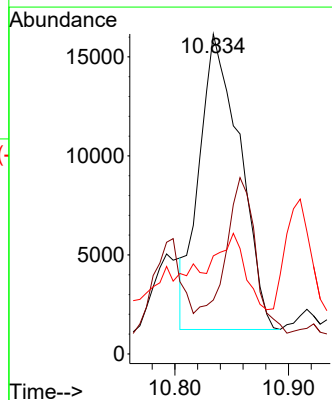
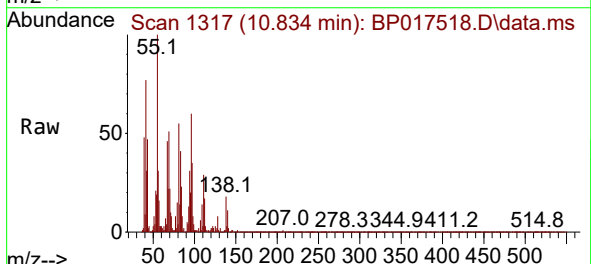
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ClientSampleId :
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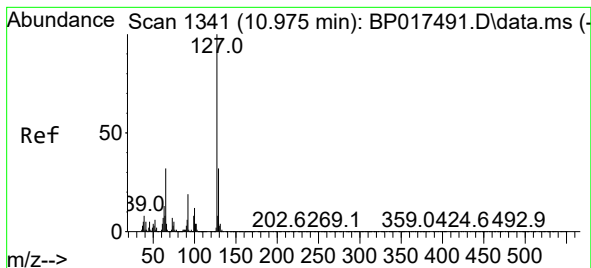
Tgt Ion:139 Resp: 5850
Ion Ratio Lower Upper
139 100
65 315.6 40.6 60.8#
109 326.0 24.2 36.4#



#30
Naphthalene
Concen: 1.777 ng/ul
RT: 10.834 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

Tgt Ion:128 Resp: 37050
Ion Ratio Lower Upper
128 100
129 16.8 8.6 13.0#
127 30.6 10.6 15.8#

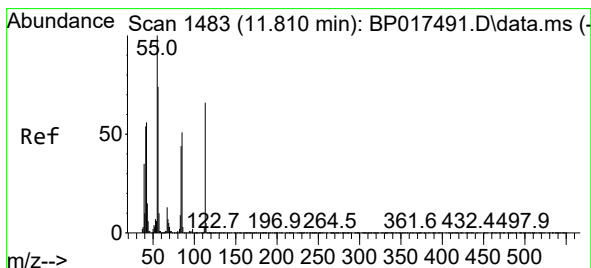
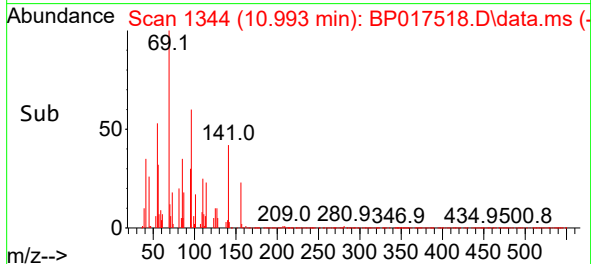
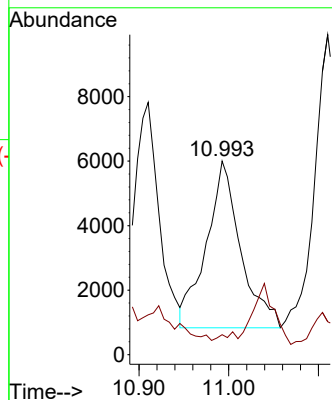
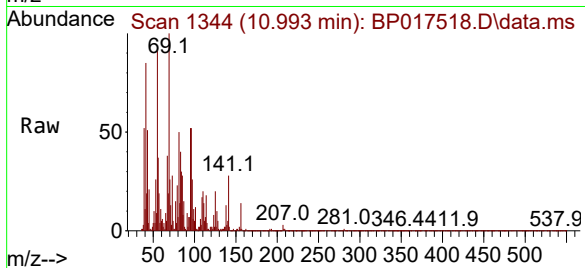




#32
4-Chloroaniline
Concen: 1.668 ng/ul
RT: 10.993 min Scan# 11
Delta R.T. 0.024 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

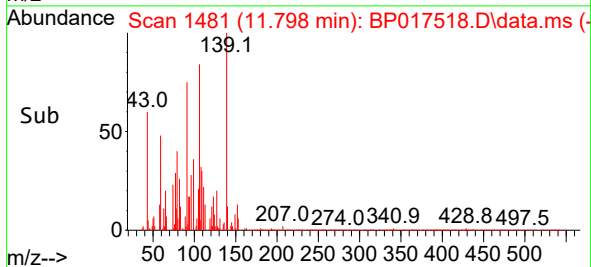
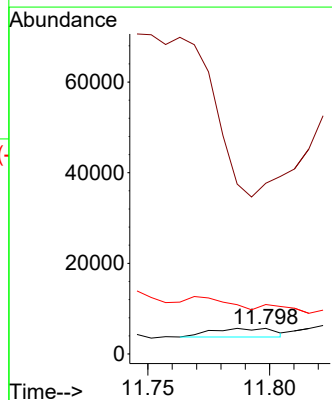
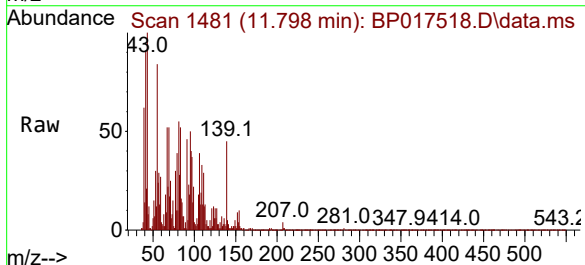
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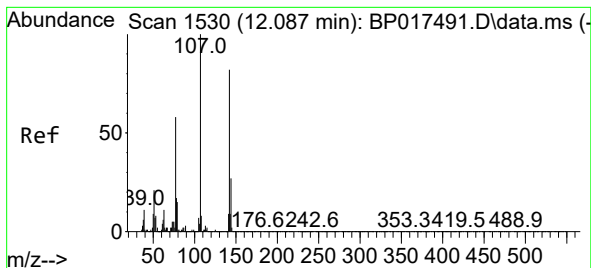
Tgt Ion:127 Resp: 13756
Ion Ratio Lower Upper
127 100
129 10.3 25.1 37.7#



#34
Caprolactam
Concen: 1.971 ng/ul
RT: 11.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

Tgt Ion:113 Resp: 3336
Ion Ratio Lower Upper
113 100
55 667.4 127.4 191.0#
56 193.6 94.5 141.7#

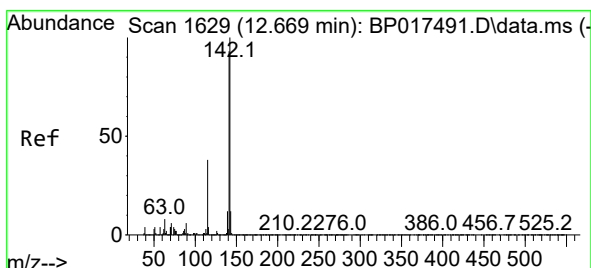
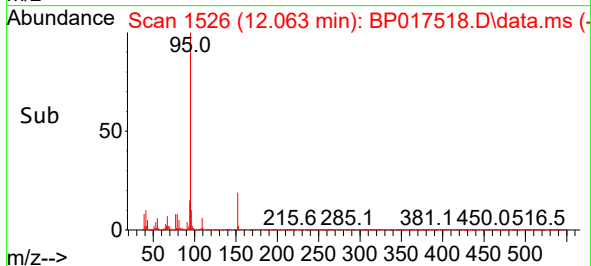
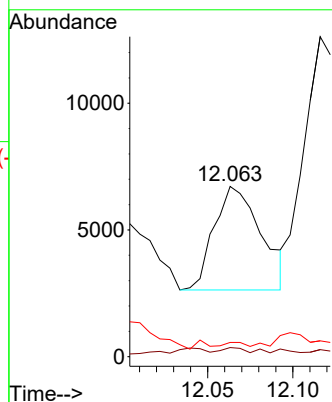
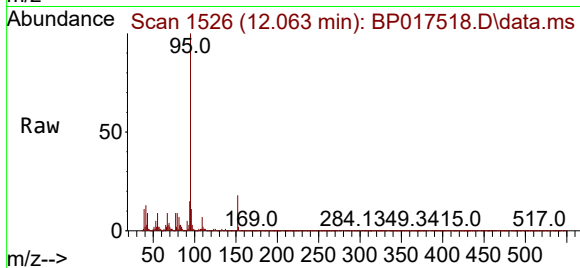




#35
4-Chloro-3-methylphenol
Concen: 1.331 ng/ul
RT: 12.063 min Scan# 1526
Delta R.T. -0.017 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

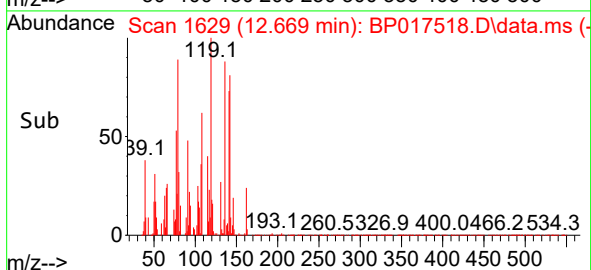
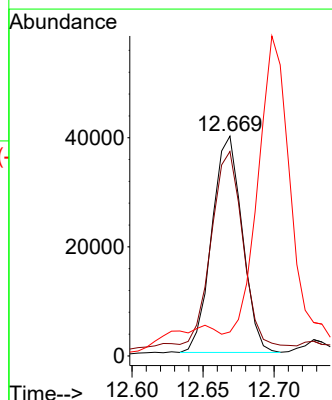
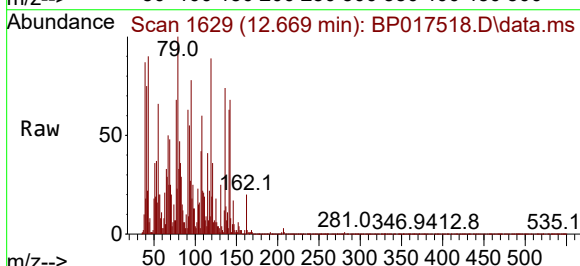
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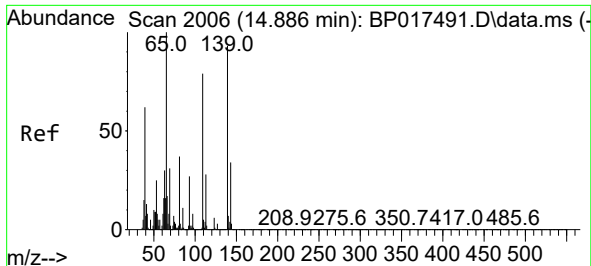
Tgt Ion:107 Resp: 7834
Ion Ratio Lower Upper
107 100
144 5.3 20.6 31.0#
142 8.3 62.9 94.3#



#37
1-Methylnaphthalene
Concen: 4.242 ng/ul
RT: 12.669 min Scan# 1629
Delta R.T. 0.006 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

Tgt Ion:142 Resp: 59016
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.2
116 10.9 3.1 4.7#

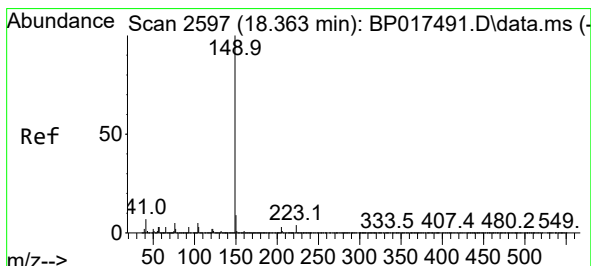
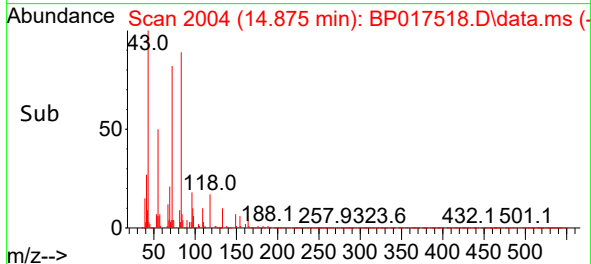
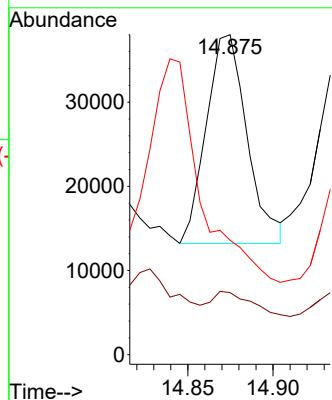
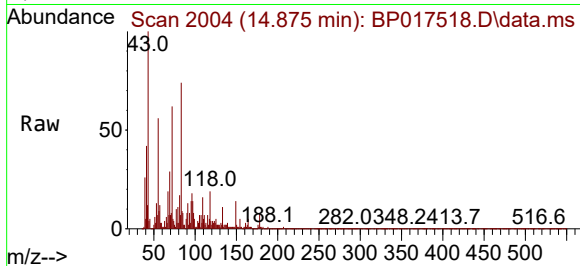




#55
4-Nitrophenol
Concen: 16.762 ng/ul
RT: 14.875 min Scan# 2004
Delta R.T. -0.017 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

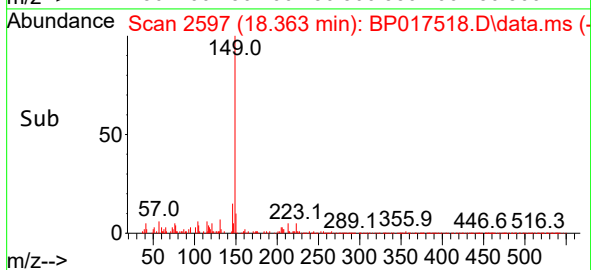
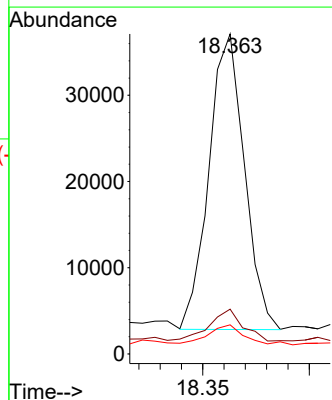
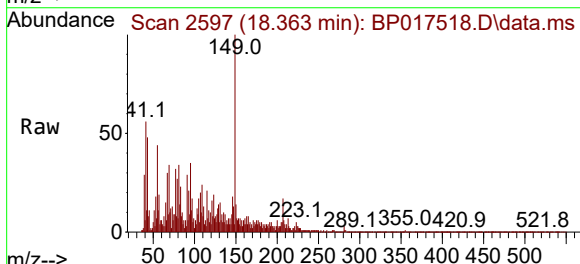
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ClientSampleId :
BBJ20

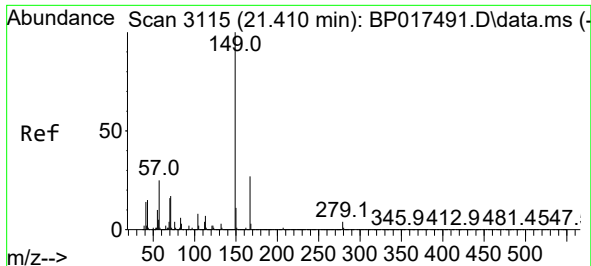
Tgt Ion:109 Resp: 41341
Ion Ratio Lower Upper
109 100
139 19.4 105.7 158.5#
65 35.7 105.4 158.0#



#78
Di-n-butylphthalate
Concen: 1.344 ng/ul
RT: 18.363 min Scan# 2597
Delta R.T. 0.000 min
Lab File: BP017518.D
Acq: 03 Oct 2023 15:49

Tgt Ion:149 Resp: 39721
Ion Ratio Lower Upper
149 100
150 14.0 7.5 11.3#
104 9.1 4.5 6.7#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.003 ng/ul
 RT: 21.416 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BP017518.D
 Acq: 03 Oct 2023 15:49

Instrument :
 BNA_P
 ClientSampleId :
 BBJ20

Tgt Ion:149 Resp: 18598
 Ion Ratio Lower Upper
 149 100
 167 31.3 21.0 31.6
 279 5.5 3.0 4.4#

