

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
 Data File : BP017448.D
 Acq On : 29 Sep 2023 16:11
 Operator : MA/JU
 Sample : 04497-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJ20

Quant Time: Sep 29 22:35:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 29 22:31:03 2023
 Response via : Initial Calibration

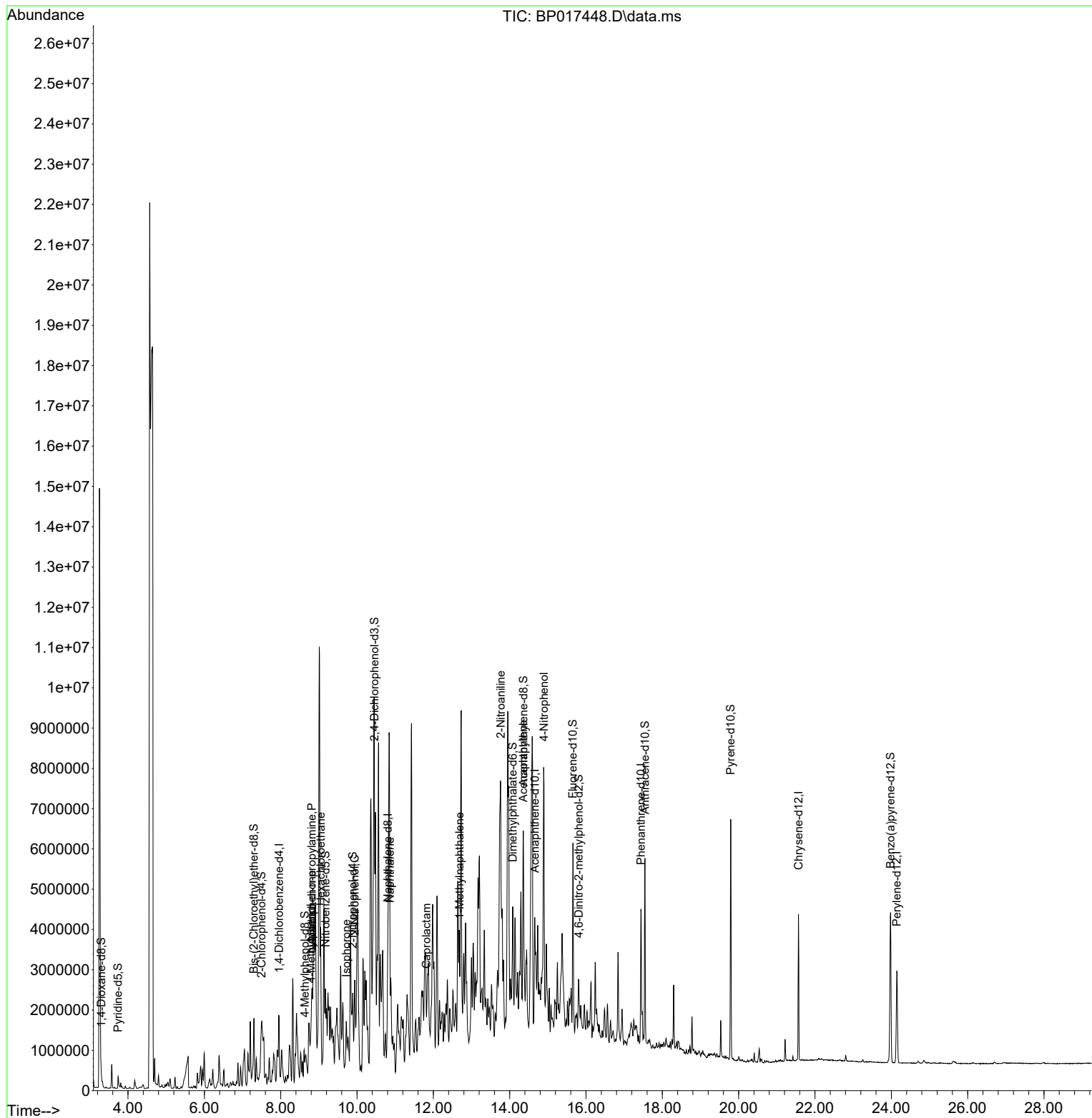
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	300381	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1217512	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.657	164	777962	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1713425	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1609187	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1825079	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	23062	3.154	ng/uL	0.00
4) Pyridine-d5	3.740	84	174245	8.523	ng/ul	0.00
7) Phenol-d5	7.116	99	8900	0.361	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	466293	31.319	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	504537	25.786	ng/ul	0.02
15) 4-Methylphenol-d8	8.634	113	65922	3.437	ng/ul	-0.05
21) Nitrobenzene-d5	9.175	128	298581	33.922	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	335133	35.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	545519	30.212	ng/ul	0.04
31) 4-Chloroaniline-d4	10.963	131	8838	0.338	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	1873454	33.616	ng/ul	0.01
49) Acenaphthylene-d8	14.357	160	2107927	32.886	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	2487	0.256	ng/ul	0.02
60) Fluorene-d10	15.657	176	1620440	33.774	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	211629	21.914	ng/ul	0.00
73) Anthracene-d10	17.545	188	2505010	32.964	ng/ul	0.00
81) Pyrene-d10	19.792	212	2988059	34.337	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	2839898	32.319	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.816	105	35744	1.206	ng/ul#	57
17) N-Nitroso-di-n-propyla...	8.810	70	106857	7.224	ng/ul#	1
18) 4-Methylphenol	8.793	108	23633	1.201	ng/ul	99
19) Hexachloroethane	9.052	117	195571	23.709	ng/ul#	6
23) Isophorone	9.716	82	47993	1.199	ng/ul#	20
25) 2-Nitrophenol	9.940	139	13255	1.280	ng/ul#	1
30) Naphthalene	10.863	128	70190	1.107	ng/ul#	74
34) Caprolactam	11.816	113	8195	1.593	ng/ul#	1
37) 1-Methylnaphthalene	12.687	142	120737	2.855	ng/ul#	95
45) 2-Nitroaniline	13.763	65	168498	14.658	ng/ul#	27
50) Acenaphthylene	14.351	152	156119	2.083	ng/ul#	77
55) 4-Nitrophenol	14.898	109	74949	9.881	ng/ul#	36

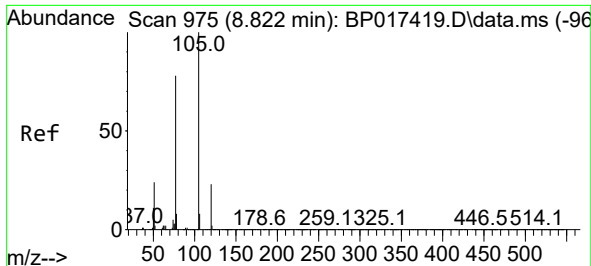
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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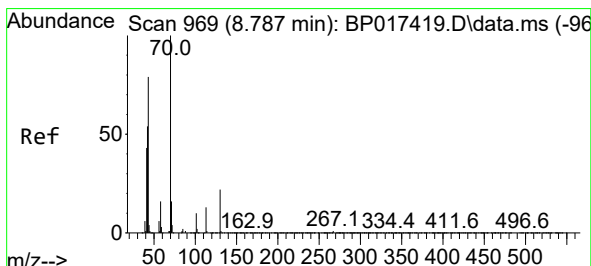
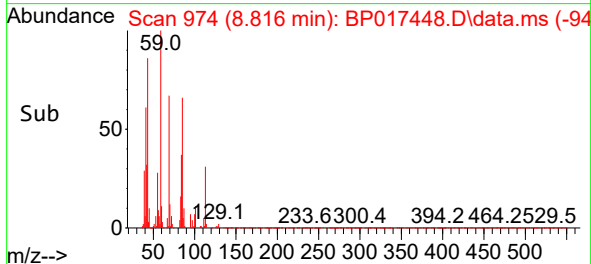
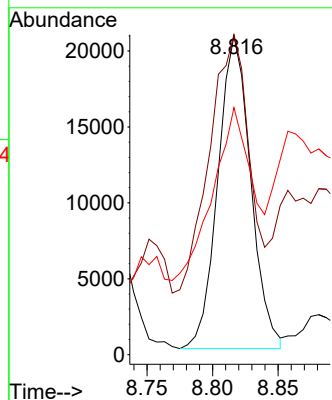
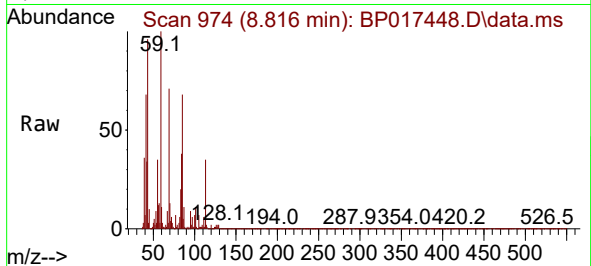




#16
Acetophenone
Concen: 1.206 ng/ul
RT: 8.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017448.D
Acq: 29 Sep 2023 16:11

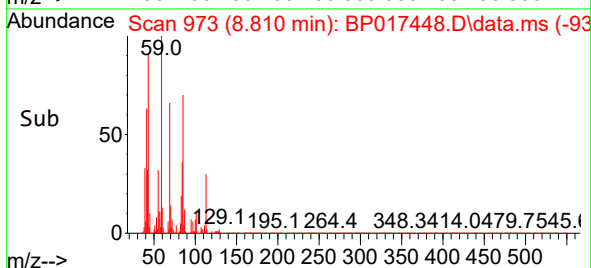
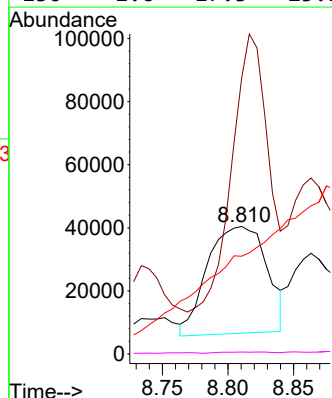
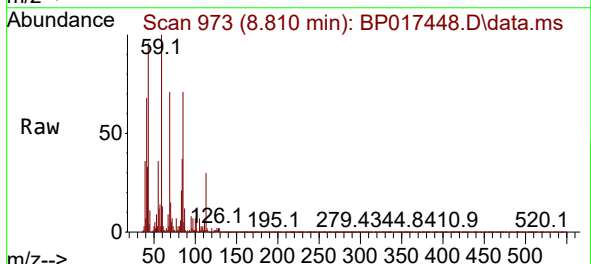
Instrument :
BNA_P
ClientSampleId :
BBJ20

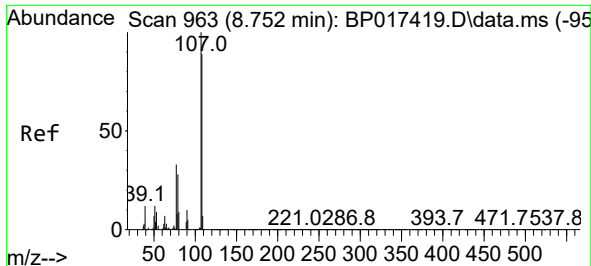
Tgt Ion:105 Resp: 35744
Ion Ratio Lower Upper
105 100
77 100.4 63.6 95.4#
51 77.5 19.2 28.8#



#17
N-Nitroso-di-n-propylamine
Concen: 7.224 ng/ul
RT: 8.810 min Scan# 973
Delta R.T. 0.023 min
Lab File: BP017448.D
Acq: 29 Sep 2023 16:11

Tgt Ion: 70 Resp: 106857
Ion Ratio Lower Upper
70 100
42 216.2 42.3 63.5#
101 76.7 7.5 11.3#
130 1.6 17.3 25.9#

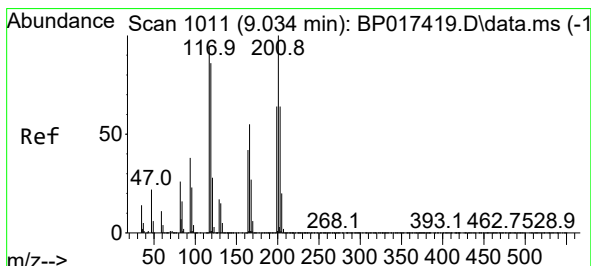
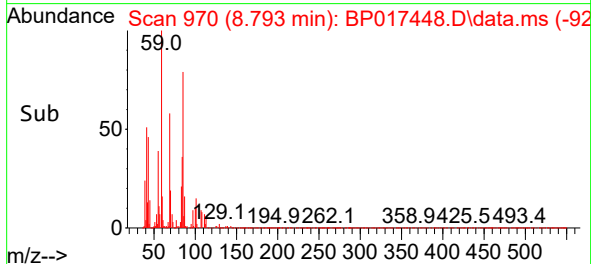
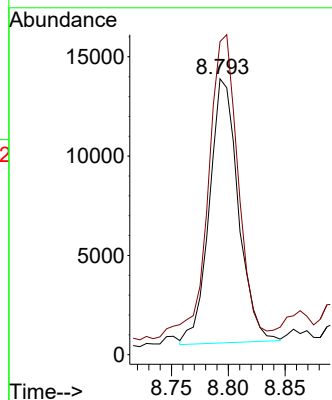
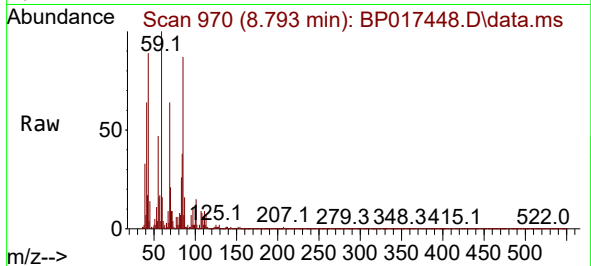




#18
4-Methylphenol
Concen: 1.201 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.047 min
Lab File: BP017448.D
Acq: 29 Sep 2023 16:11

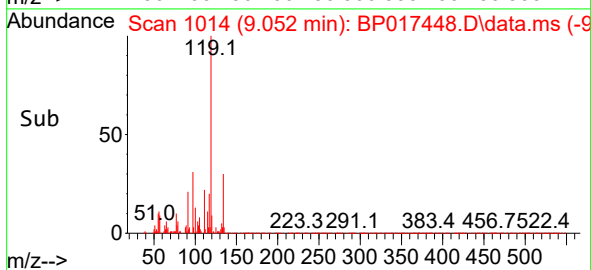
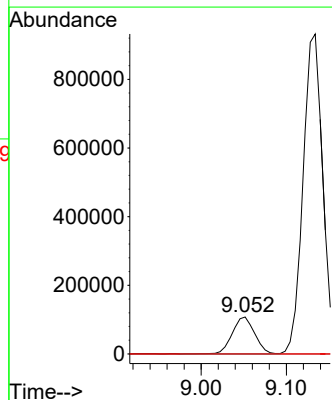
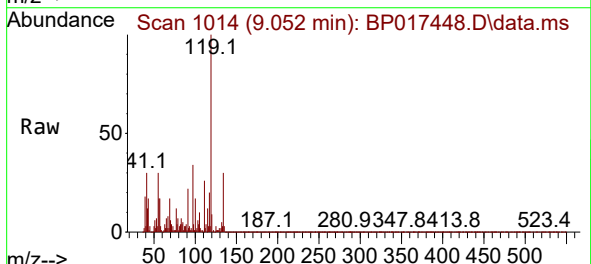
Instrument :
BNA_P
ClientSampleId :
BBJ20

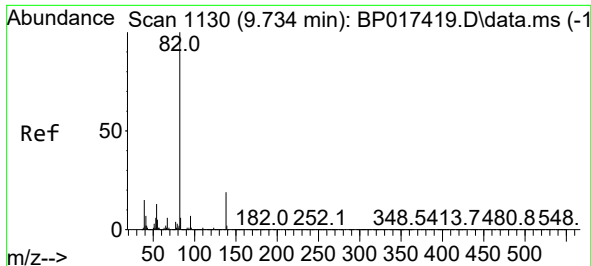
Tgt Ion:108 Resp: 23633
Ion Ratio Lower Upper
108 100
107 113.5 90.0 135.0



#19
Hexachloroethane
Concen: 23.709 ng/ul
RT: 9.052 min Scan# 1014
Delta R.T. 0.023 min
Lab File: BP017448.D
Acq: 29 Sep 2023 16:11

Tgt Ion:117 Resp: 195571
Ion Ratio Lower Upper
117 100
201 0.0 81.4 122.0#
199 0.0 52.4 78.6#

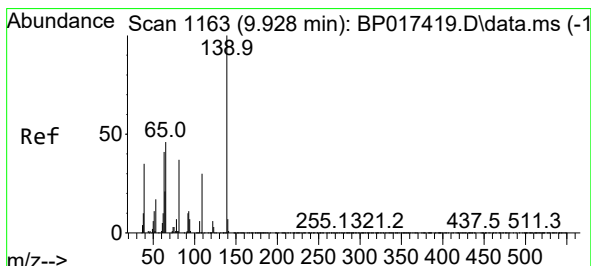
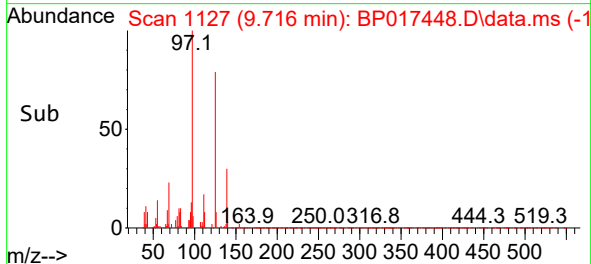
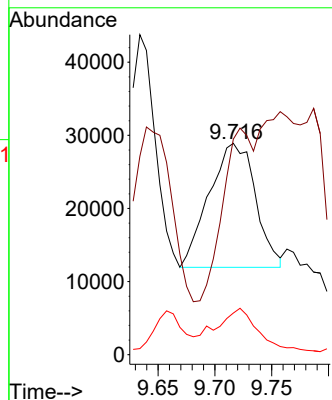
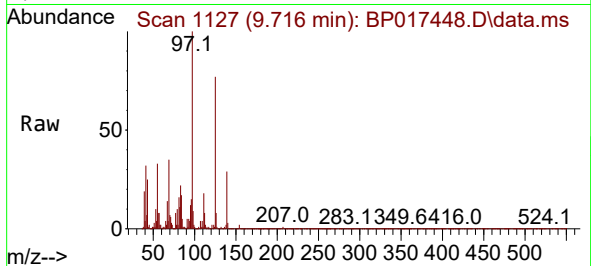




#23
Isophorone
Concen: 1.199 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. -0.012 min
Lab File: BP017448.D
Acq: 29 Sep 2023 16:11

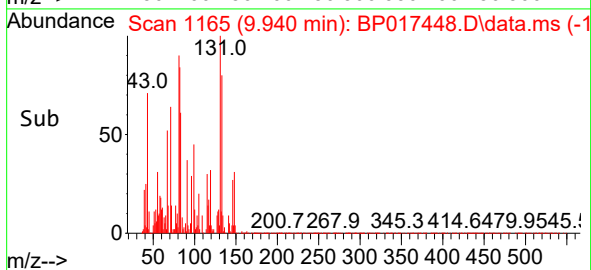
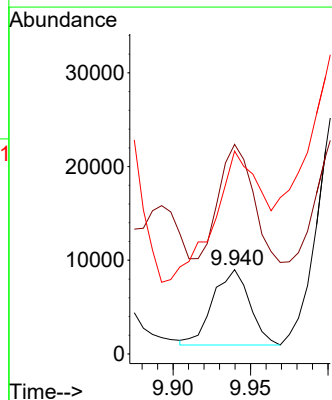
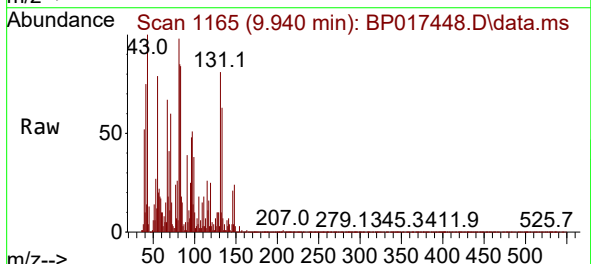
Instrument :
BNA_P
ClientSampleId :
BBJ20

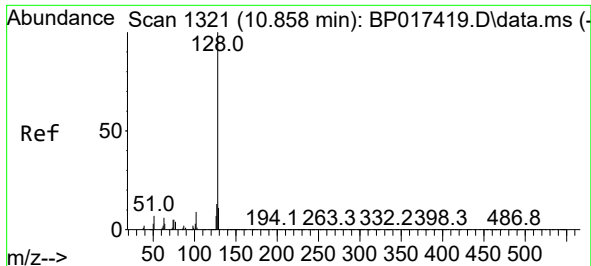
Tgt Ion: 82 Resp: 47993
Ion Ratio Lower Upper
82 100
95 102.0 5.5 8.3#
138 19.7 14.2 21.4



#25
2-Nitrophenol
Concen: 1.280 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. 0.018 min
Lab File: BP017448.D
Acq: 29 Sep 2023 16:11

Tgt Ion: 139 Resp: 13255
Ion Ratio Lower Upper
139 100
65 248.7 40.6 60.8#
109 240.6 24.2 36.4#

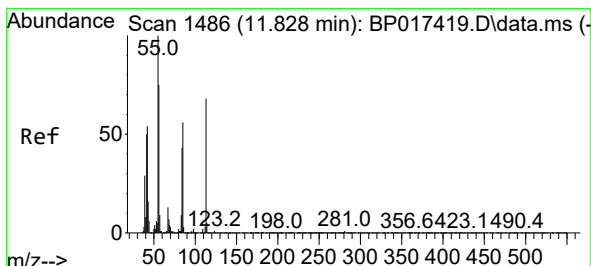
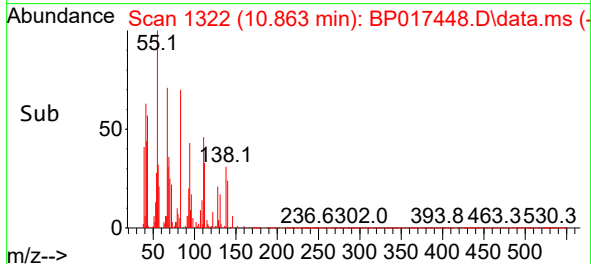
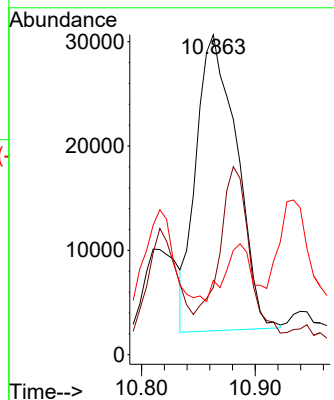
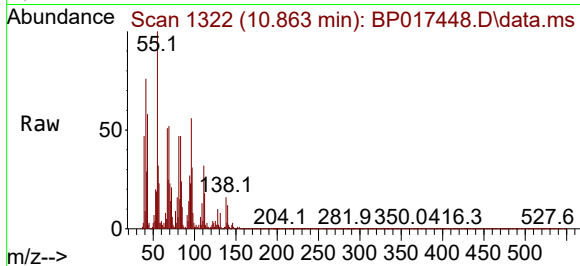




#30
Naphthalene
Concen: 1.107 ng/ul
RT: 10.863 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP017448.D
Acq: 29 Sep 2023 16:11

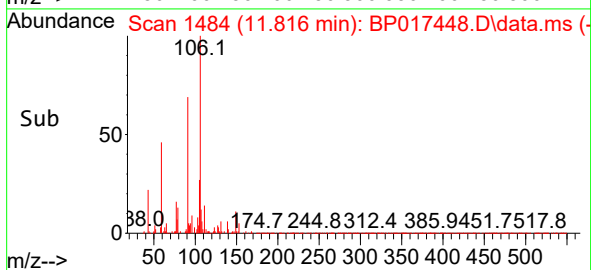
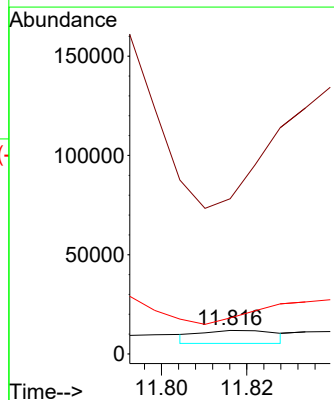
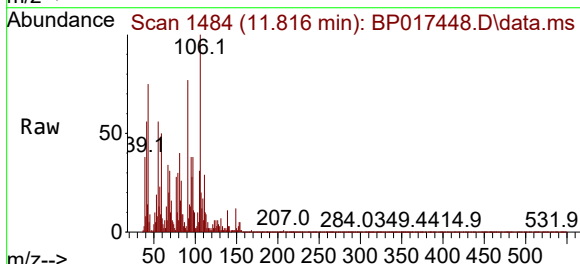
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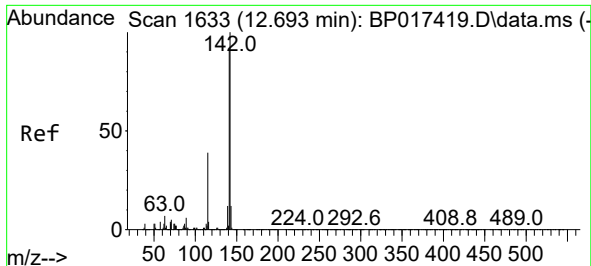
Tgt Ion:128 Resp: 70190
Ion Ratio Lower Upper
128 100
129 21.0 8.6 13.0#
127 23.2 10.6 15.8#



#34
Caprolactam
Concen: 1.593 ng/ul
RT: 11.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BP017448.D
Acq: 29 Sep 2023 16:11

Tgt Ion:113 Resp: 8195
Ion Ratio Lower Upper
113 100
55 659.2 127.4 191.0#
56 152.8 94.5 141.7#

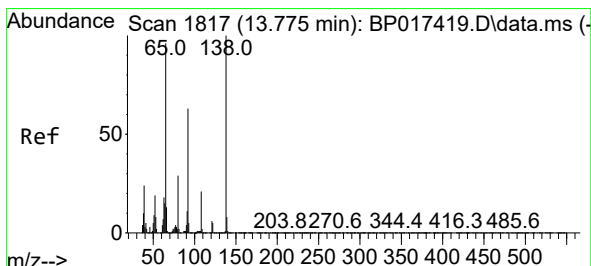
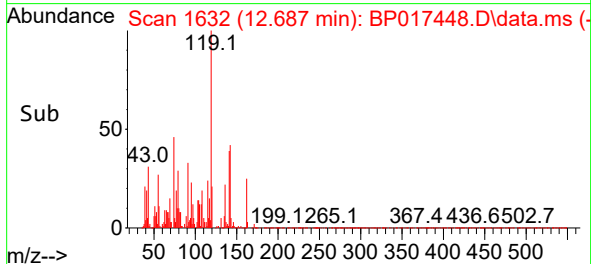
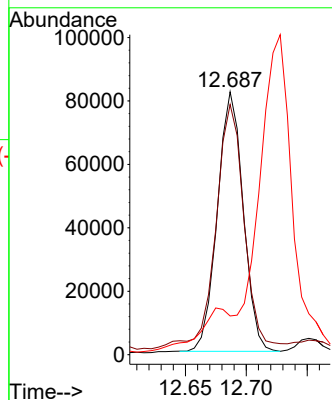
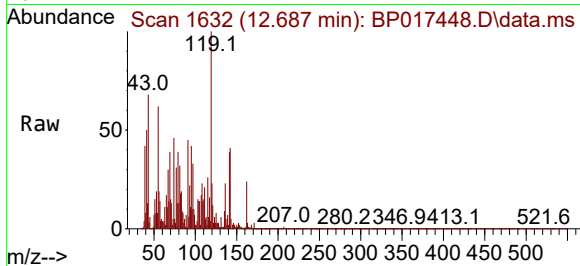




#37
1-Methylnaphthalene
Concen: 2.855 ng/ul
RT: 12.687 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP017448.D
Acq: 29 Sep 2023 16:11

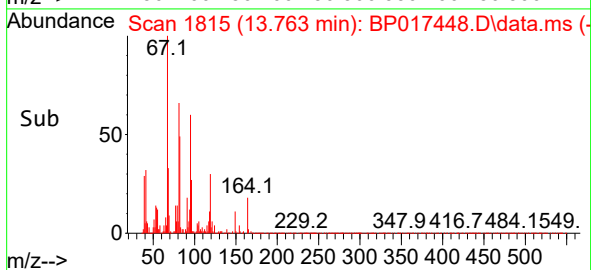
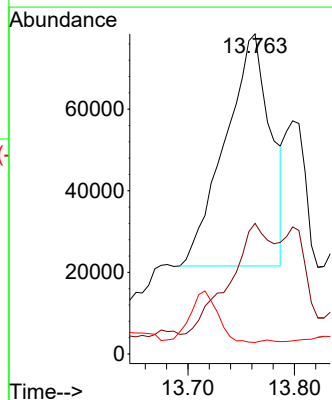
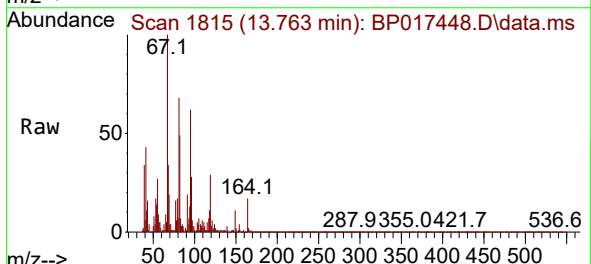
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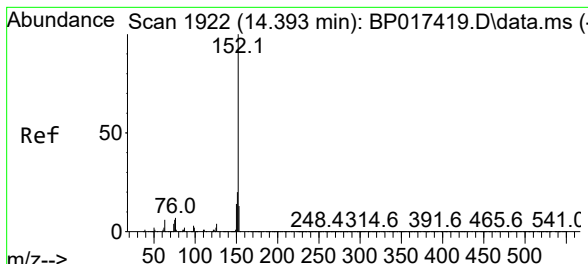
Tgt Ion:142 Resp: 120737
Ion Ratio Lower Upper
142 100
141 95.2 73.4 110.2
116 14.7 3.1 4.7#



#45
2-Nitroaniline
Concen: 14.658 ng/ul
RT: 13.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BP017448.D
Acq: 29 Sep 2023 16:11

Tgt Ion: 65 Resp: 168498
Ion Ratio Lower Upper
65 100
92 40.8 57.7 86.5#
138 3.6 83.5 125.3#

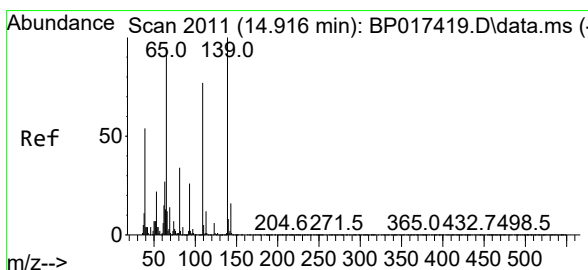
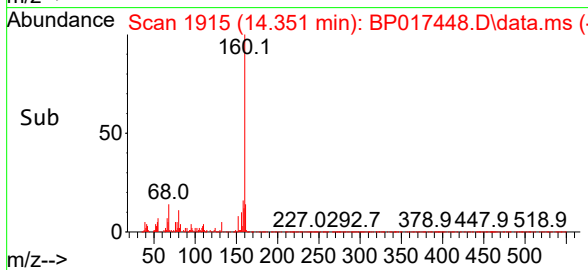
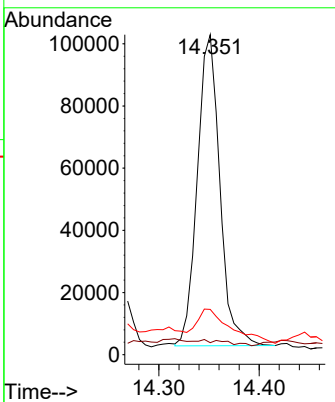
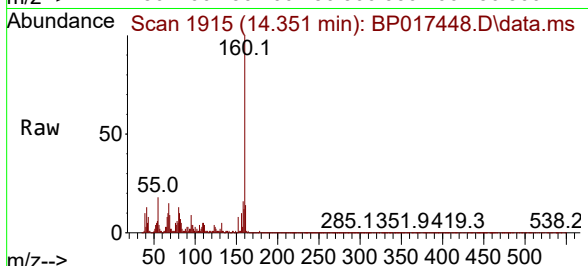




#50
 Acenaphthylene
 Concen: 2.083 ng/ul
 RT: 14.351 min Scan# 1915
 Delta R.T. -0.035 min
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Tgt Ion:	152	Resp:	156119
Ion Ratio	Lower	Upper	
152	100		
151	3.8	16.0	24.0#
153	14.2	10.4	15.6



#55
 4-Nitrophenol
 Concen: 9.881 ng/ul
 RT: 14.898 min Scan# 2008
 Delta R.T. -0.012 min
 Lab File: BP017448.D
 Acq: 29 Sep 2023 16:11

Tgt Ion:	109	Resp:	74949
Ion Ratio	Lower	Upper	
109	100		
139	19.5	105.7	158.5#
65	93.2	105.4	158.0#

