

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017853.D
 Acq On : 01 Nov 2023 16:06
 Operator : MA/JU
 Sample : 04952-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAR4

Quant Time: Nov 02 01:13:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

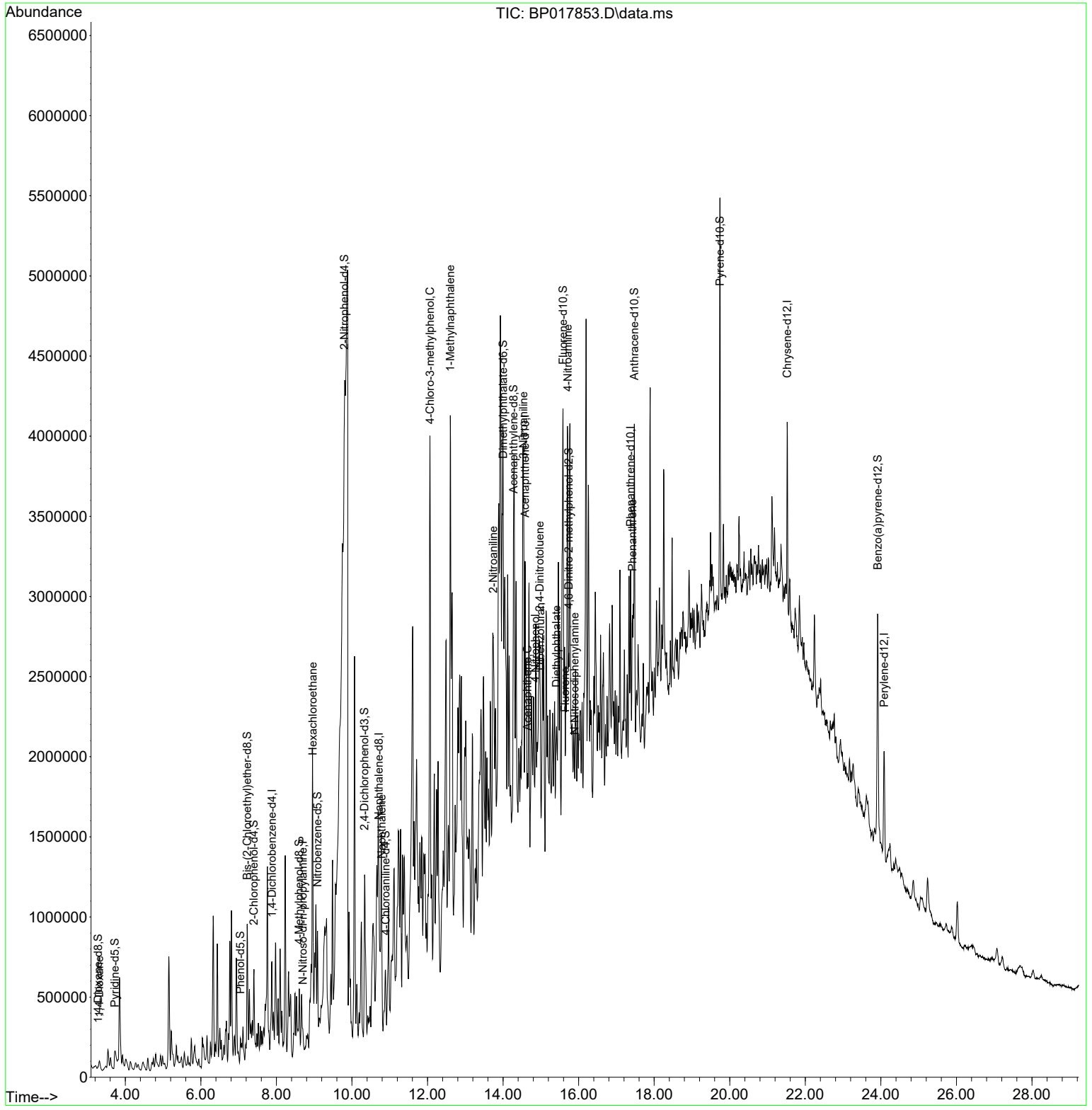
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	124990	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	483903	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.581	164	299710	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	583595	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.522	240	503139	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	540295	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11745	3.496	ng/uL	0.02
4) Pyridine-d5	3.723	84	87000	9.890	ng/ul	0.03
7) Phenol-d5	7.046	99	69226	6.656	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	213221	33.194	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	208227	24.546	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	137946	16.889	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	130907	33.385	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.805	143	161080	37.180	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	238732	28.091	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	95587	8.594	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	802671	31.903	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	865902	30.861	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	3068	0.856	ng/ul	-0.03
60) Fluorene-d10	15.587	176	782757	35.991	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	111416	28.984	ng/ul	0.00
73) Anthracene-d10	17.475	188	1024371	34.348	ng/ul	0.00
81) Pyrene-d10	19.739	212	1136509	36.029	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.916	264	996005	33.098	ng/ul	0.02
Target Compounds						
2) 1,4-Dioxane	3.311	88	36214	10.162	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.699	70	11441	1.878	ng/ul#	75
19) Hexachloroethane	8.963	117	186497	47.637	ng/ul#	1
30) Naphthalene	10.787	128	34724	1.247	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.069	107	651032	85.092	ng/ul#	17
37) 1-Methylnaphthalene	12.604	142	1186392	61.671	ng/ul	99
45) 2-Nitroaniline	13.740	65	63549	14.010	ng/ul#	32
51) 3-Nitroaniline	14.540	138	6086	1.402	ng/ul#	29
52) Acenaphthene	14.646	153	56187	2.644	ng/ul	90
55) 4-Nitrophenol	14.851	109	7489	1.973	ng/ul#	31
56) Dibenzofuran	14.987	168	55547	1.862	ng/ul#	53
57) 2,4-Dinitrotoluene	14.969	165	12155	1.804	ng/ul#	11
59) Diethylphthalate	15.410	149	23965	1.001	ng/ul#	51
61) Fluorene	15.645	166	74310	3.033	ng/ul#	91
63) 4-Nitroaniline	15.710	138	33298	8.505	ng/ul#	63
67) N-Nitrosodiphenylamine	15.898	169	24568	1.390	ng/ul#	61
72) Phenanthrene	17.422	178	188028	5.500	ng/ul#	89

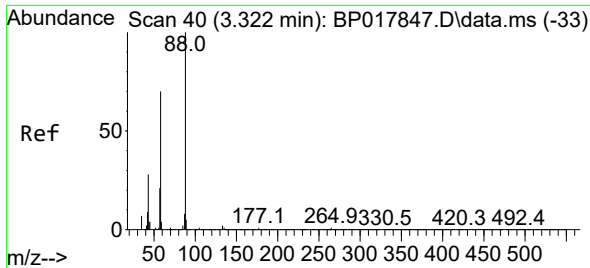
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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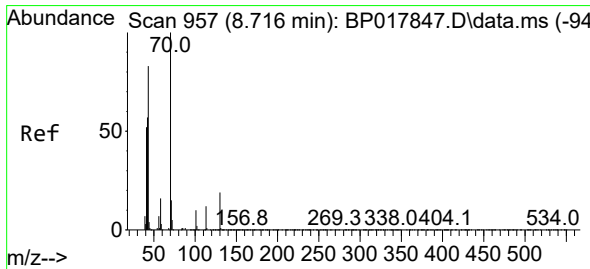
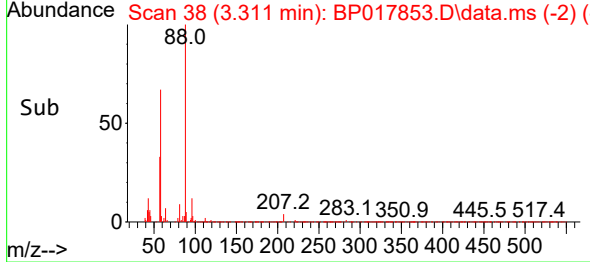
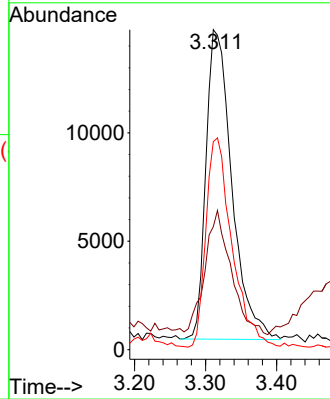
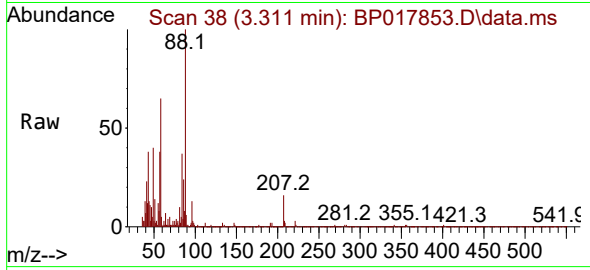


#2
 1,4-Dioxane
 Concen: 10.162 ng/uL
 RT: 3.311 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Instrument :
 BNA_P
 ClientSampleId :
 EOAR4

Tgt Ion: 88 Resp: 36214

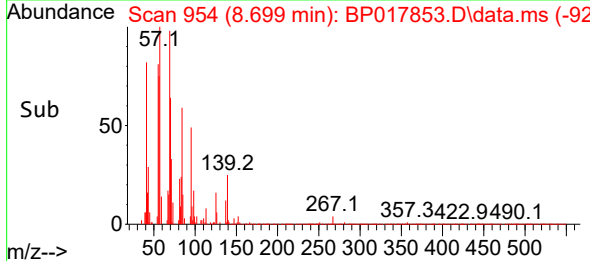
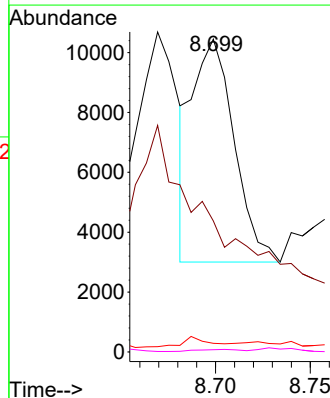
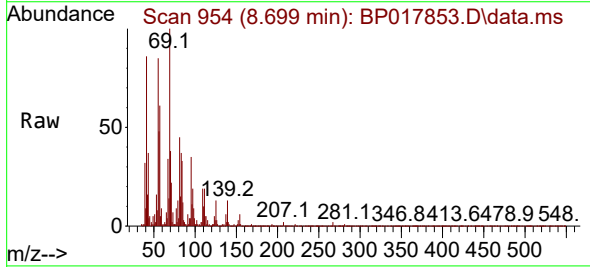
Ion	Ratio	Lower	Upper
88	100		
43	38.5	24.4	36.6#
58	65.0	53.0	79.6

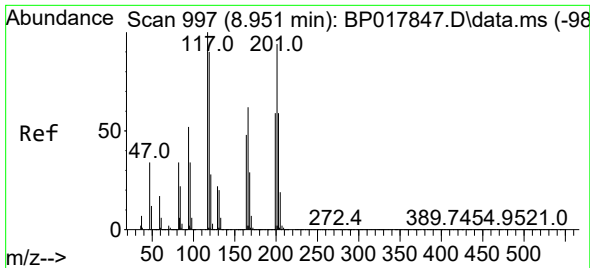


#17
 N-Nitroso-di-n-propylamine
 Concen: 1.878 ng/uL
 RT: 8.699 min Scan# 954
 Delta R.T. -0.018 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Tgt Ion: 70 Resp: 11441

Ion	Ratio	Lower	Upper
70	100		
42	41.9	44.6	66.8#
101	2.7	7.5	11.3#
130	0.7	17.3	25.9#

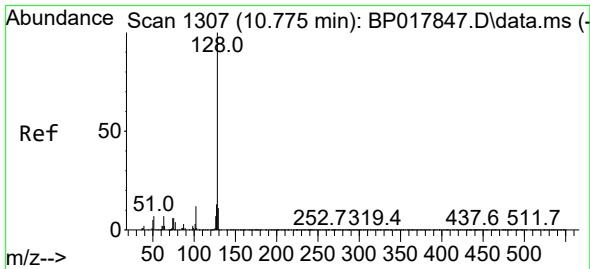
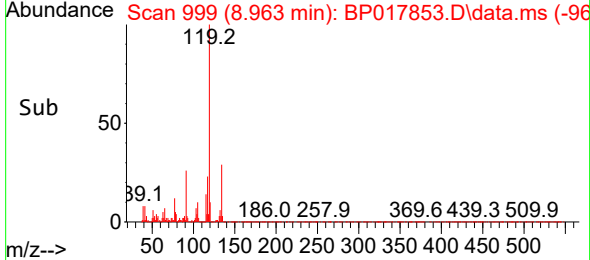
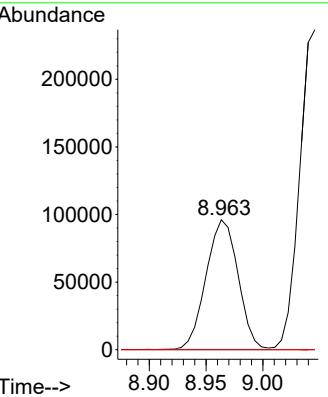
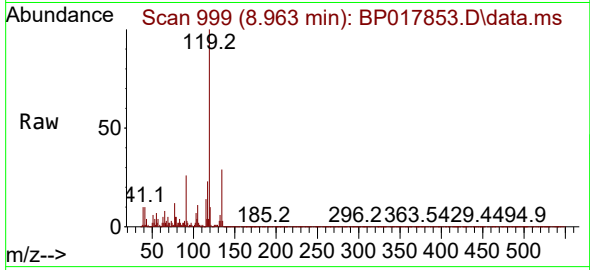




#19
 Hexachloroethane
 Concen: 47.637 ng/ul
 RT: 8.963 min Scan# 997
 Delta R.T. 0.012 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

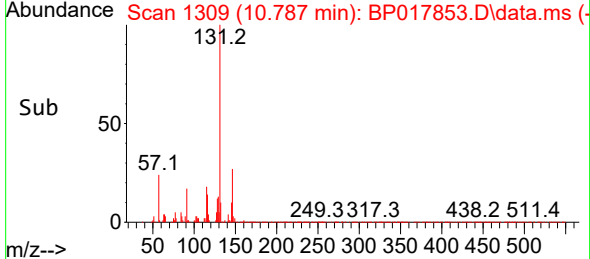
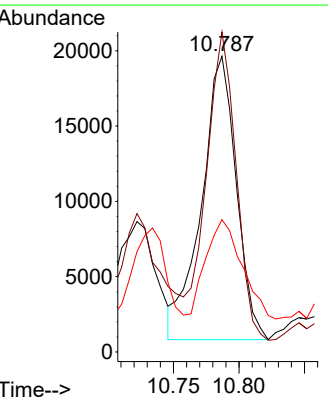
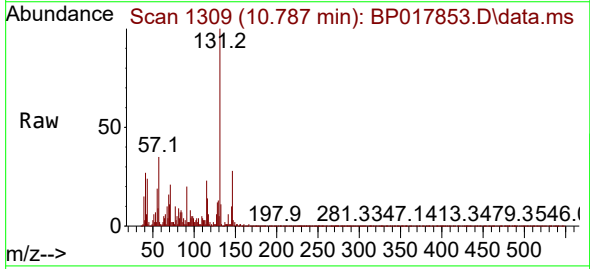
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 ClientSampleId :
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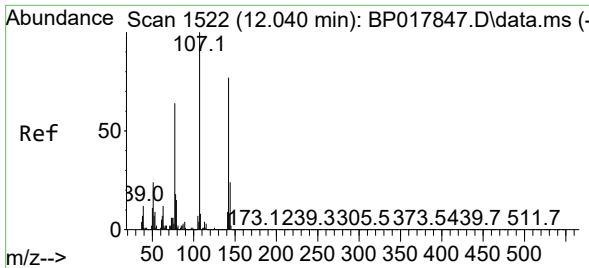
Tgt Ion:117 Resp: 186497
 Ion Ratio Lower Upper
 117 100
 201 0.0 96.3 144.5#
 199 0.0 57.7 86.5#



#30
 Naphthalene
 Concen: 1.247 ng/ul
 RT: 10.787 min Scan# 1309
 Delta R.T. 0.012 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Tgt Ion:128 Resp: 34724
 Ion Ratio Lower Upper
 128 100
 129 108.2 8.7 13.1#
 127 44.8 10.5 15.7#



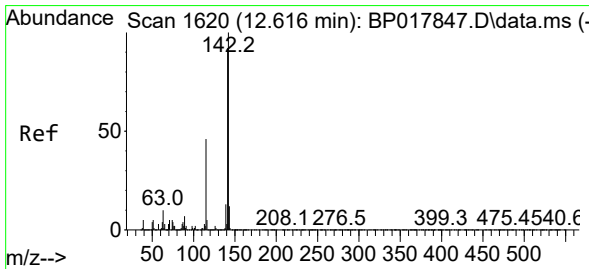
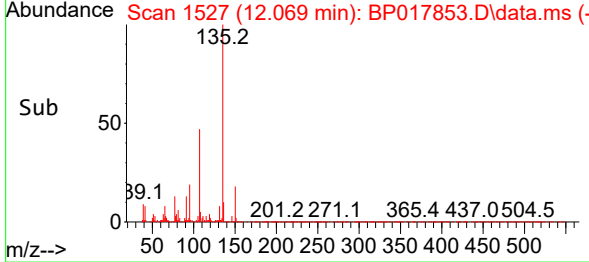
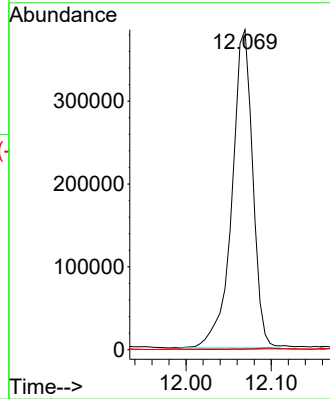
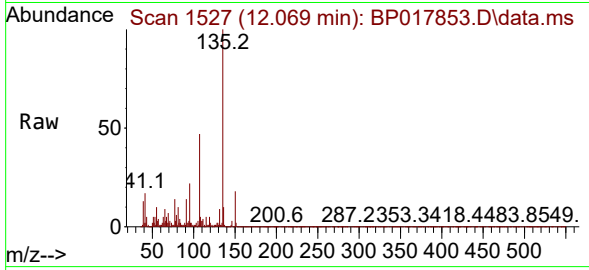


#35
 4-Chloro-3-methylphenol
 Concen: 85.092 ng/ul
 RT: 12.069 min Scan# 11
 Delta R.T. 0.035 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Instrument :
 BNA_P
 ClientSampleId :
 EOAR4

Tgt Ion:107 Resp: 651032

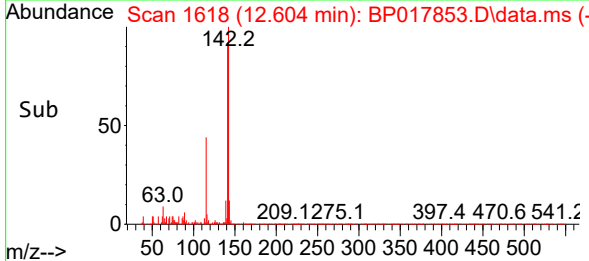
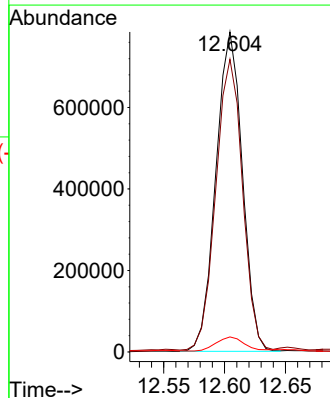
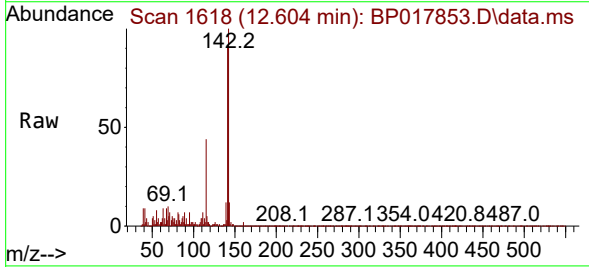
Ion	Ratio	Lower	Upper
107	100		
144	0.2	22.9	34.3#
142	0.3	68.1	102.1#

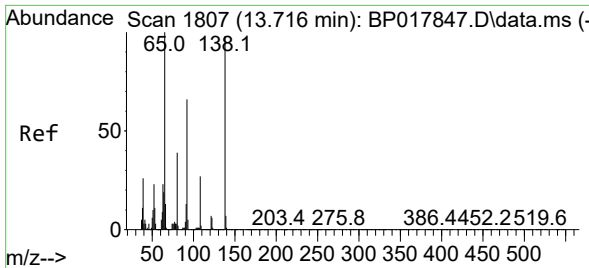


#37
 1-Methylnaphthalene
 Concen: 61.671 ng/ul
 RT: 12.604 min Scan# 1618
 Delta R.T. -0.006 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Tgt Ion:142 Resp: 1186392

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.5	108.7
116	4.7	3.4	5.2

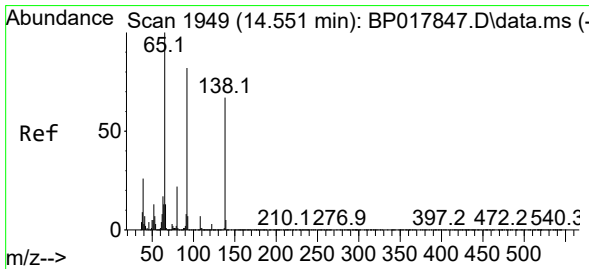
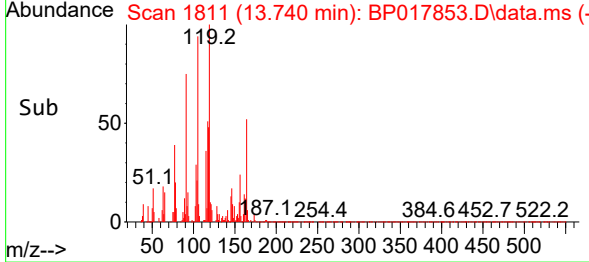
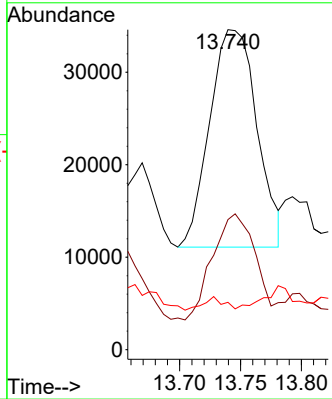
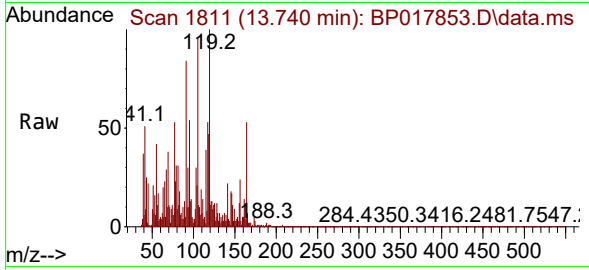




#45
 2-Nitroaniline
 Concen: 14.010 ng/ul
 RT: 13.740 min Scan# 1811
 Delta R.T. 0.029 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

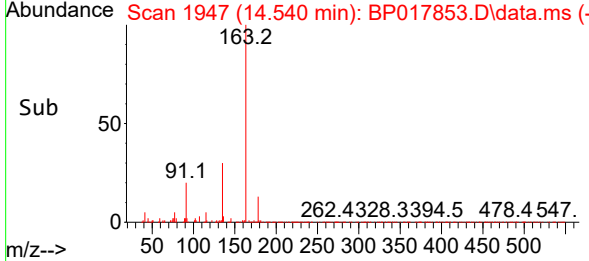
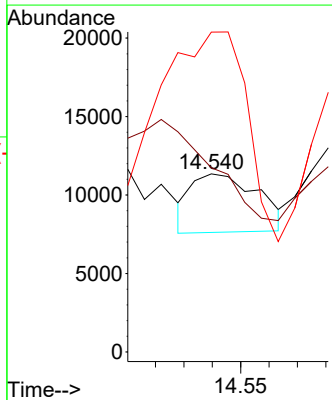
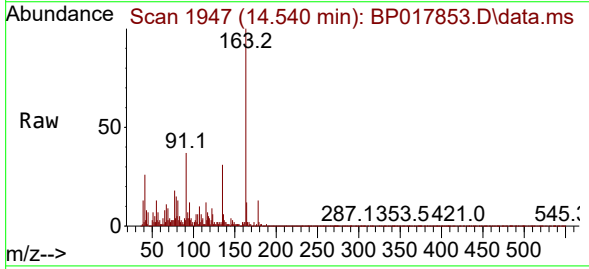
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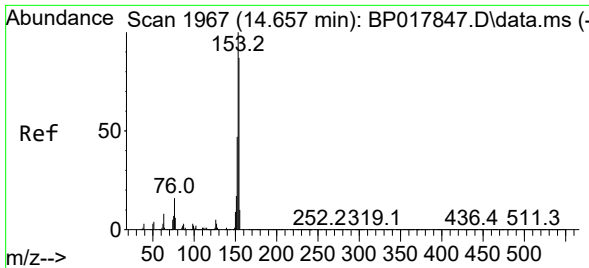
Tgt Ion	Resp	Lower	Upper
65	100		
92	40.7	56.2	84.4#
138	14.8	85.9	128.9#



#51
 3-Nitroaniline
 Concen: 1.402 ng/ul
 RT: 14.540 min Scan# 1947
 Delta R.T. -0.006 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Tgt Ion	Resp	Lower	Upper
138	100		
108	103.5	9.3	13.9#
92	179.6	95.2	142.8#

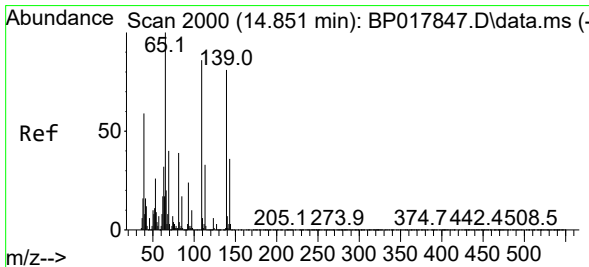
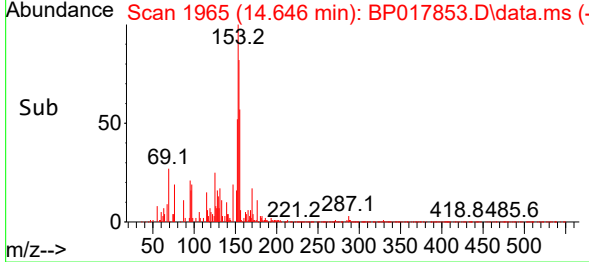
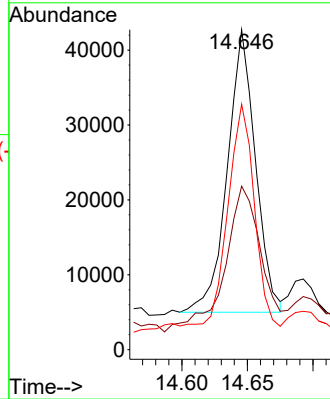
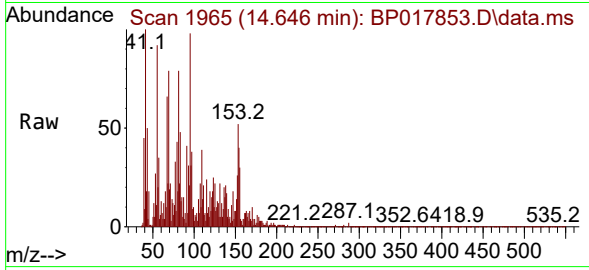




#52
 Acenaphthene
 Concen: 2.644 ng/u1
 RT: 14.646 min Scan# 1965
 Delta R.T. -0.006 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

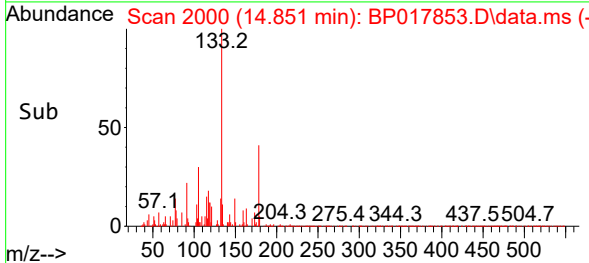
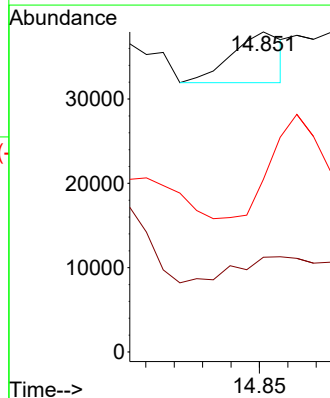
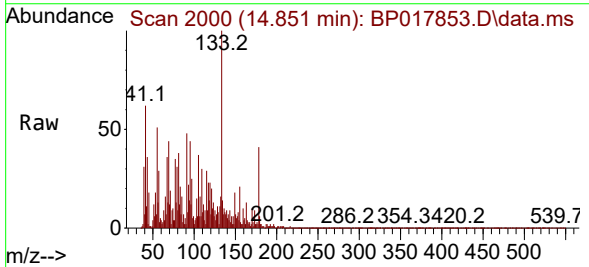
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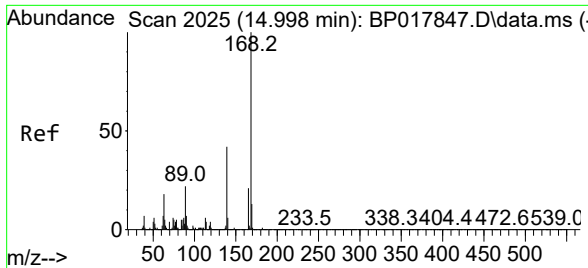
Tgt Ion	Resp	Lower	Upper
153	100		
152	51.1	37.6	56.4
154	76.7	70.0	105.0



#55
 4-Nitrophenol
 Concen: 1.973 ng/u1
 RT: 14.851 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Tgt Ion	Resp	Lower	Upper
109	100		
139	29.6	92.9	139.3#
65	54.0	94.5	141.7#

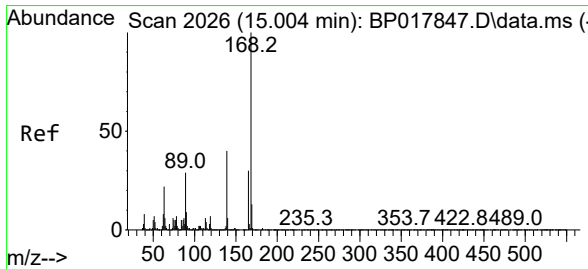
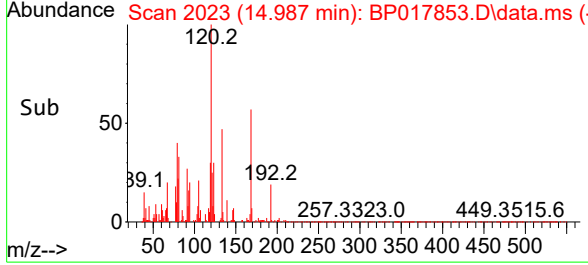
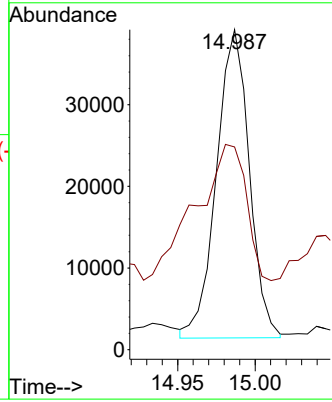
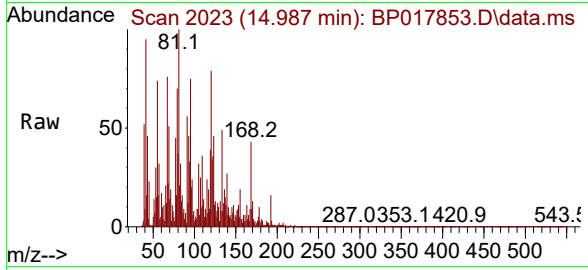




#56
 Dibenzofuran
 Concen: 1.862 ng/ul
 RT: 14.987 min Scan# 2020
 Delta R.T. -0.006 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

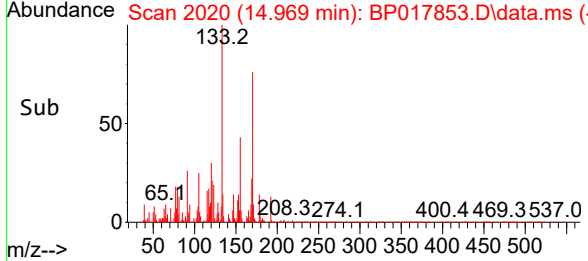
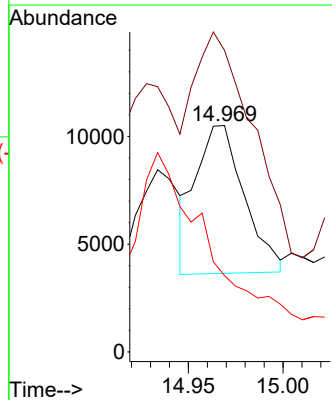
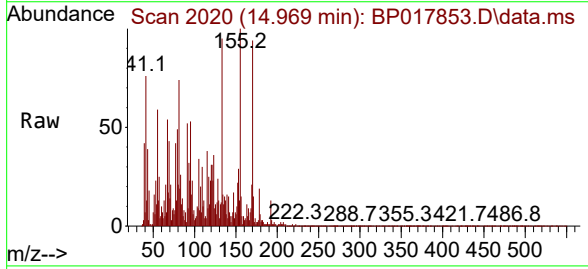
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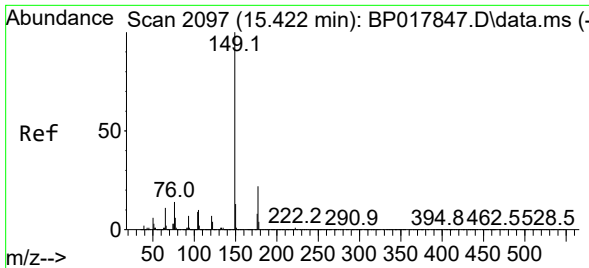
Tgt Ion:168 Resp: 55547
 Ion Ratio Lower Upper
 168 100
 139 63.4 28.6 43.0#



#57
 2,4-Dinitrotoluene
 Concen: 1.804 ng/ul
 RT: 14.969 min Scan# 2020
 Delta R.T. -0.023 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Tgt Ion:165 Resp: 12155
 Ion Ratio Lower Upper
 165 100
 63 133.2 51.1 76.7#
 182 33.7 2.7 4.1#

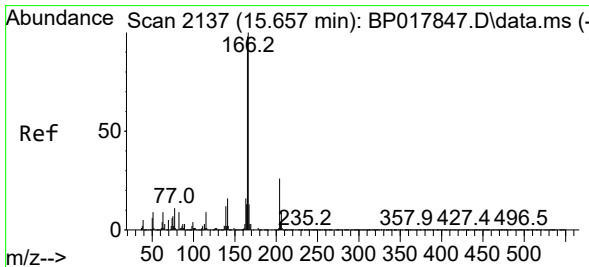
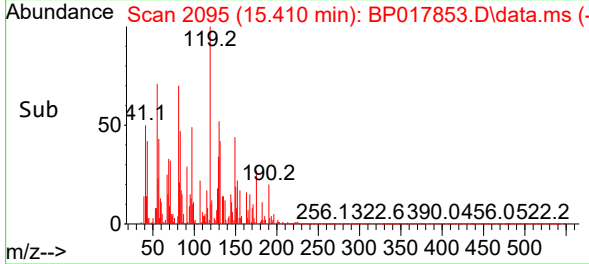
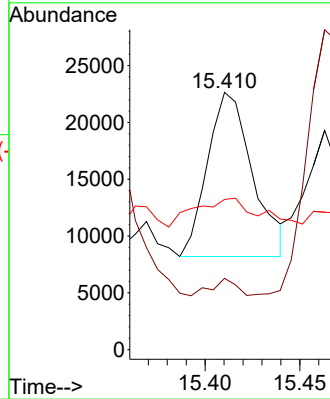
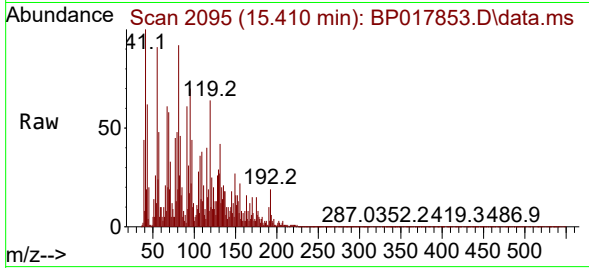




#59
 Diethylphthalate
 Concen: 1.001 ng/u1
 RT: 15.410 min Scan# 2095
 Delta R.T. 0.000 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

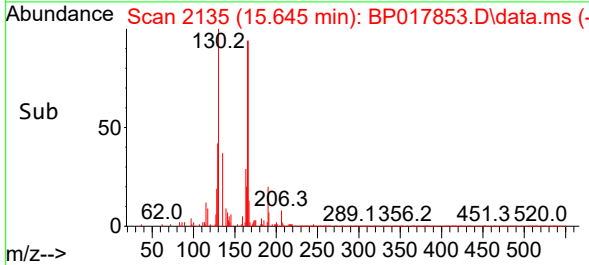
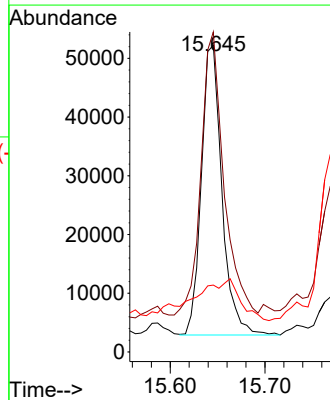
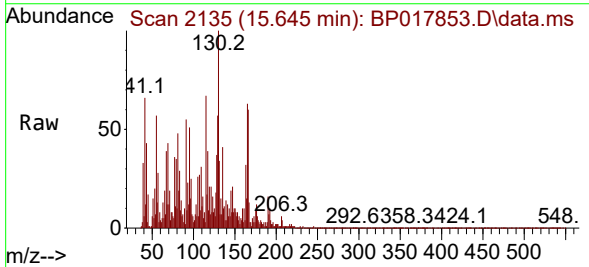
Instrument :
 BNA_P
 ClientSampleId :
 EOAR4

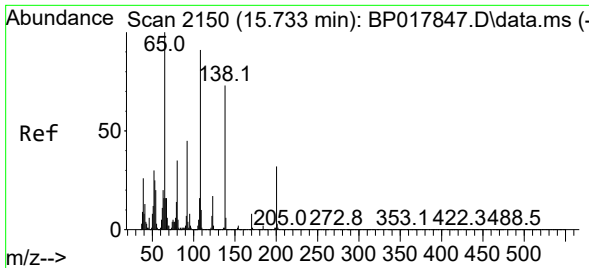
Tgt Ion	Resp	Lower	Upper
149	23965		
177	27.7	18.0	27.0#
150	58.4	10.2	15.4#



#61
 Fluorene
 Concen: 3.033 ng/u1
 RT: 15.645 min Scan# 2135
 Delta R.T. 0.000 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Tgt Ion	Resp	Lower	Upper
166	74310		
165	104.3	77.4	116.0
167	21.8	10.9	16.3#



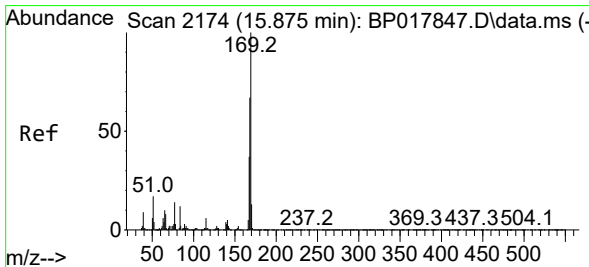
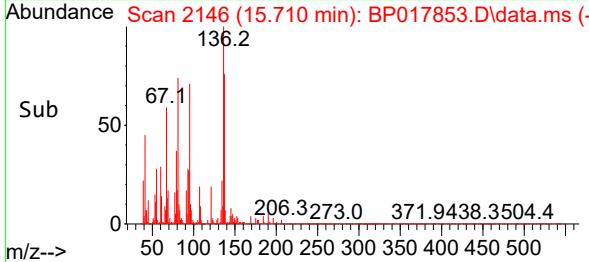
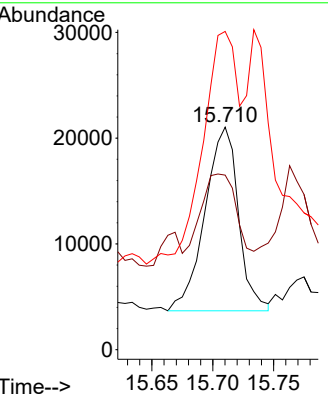
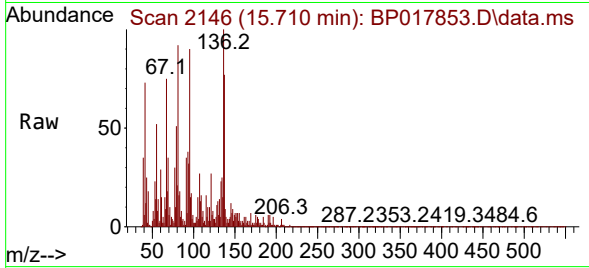


#63
 4-Nitroaniline
 Concen: 8.505 ng/uI
 RT: 15.710 min Scan# 2150
 Delta R.T. -0.012 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Instrument : BNA_P
 ClientSampleId : EOAR4

Tgt Ion:138 Resp: 33298

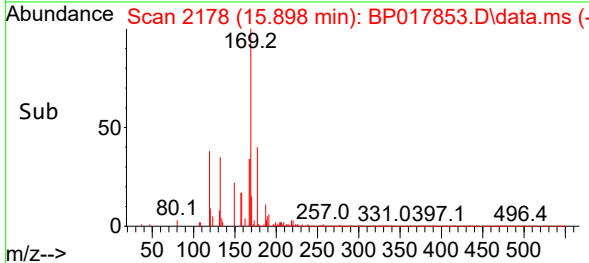
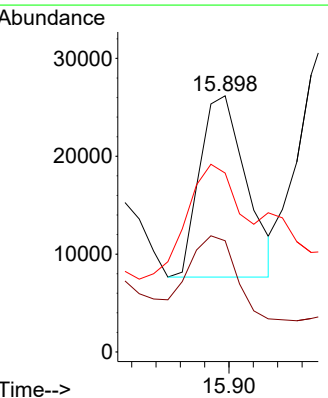
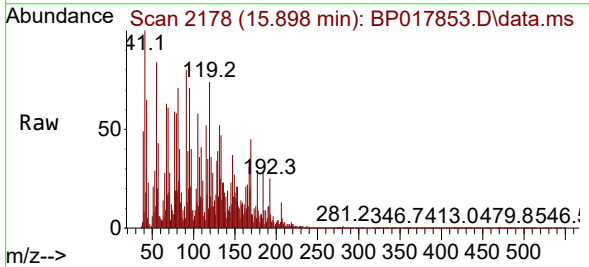
Ion	Ratio	Lower	Upper
138	100		
92	78.4	43.0	64.6#
108	142.9	82.7	124.1#

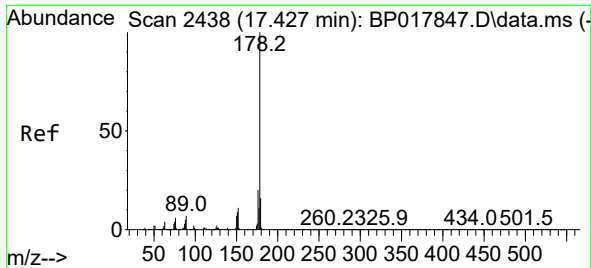


#67
 N-Nitrosodiphenylamine
 Concen: 1.390 ng/uI
 RT: 15.898 min Scan# 2178
 Delta R.T. 0.029 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Tgt Ion:169 Resp: 24568

Ion	Ratio	Lower	Upper
169	100		
168	43.4	53.7	80.5#
167	69.8	29.4	44.0#





#72
 Phenanthrene
 Concen: 5.500 ng/ul
 RT: 17.422 min Scan# 2438
 Delta R.T. 0.000 min
 Lab File: BP017853.D
 Acq: 01 Nov 2023 16:06

Instrument :
 BNA_P
 ClientSampleId :
 EOAR4

Tgt Ion:178 Resp: 188028

Ion	Ratio	Lower	Upper
178	100		
179	21.0	12.2	18.2#
176	22.9	15.3	22.9

