

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
 Data File : BP017403.D
 Acq On : 27 Sep 2023 18:17
 Operator : MA/JU
 Sample : 04359-07 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JLAD5

Quant Time: Sep 27 22:31:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	1846	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	7335	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.581	164	4947	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.351	188	11329	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	11131	20.000	ng/ul	# 0.00
88) Perylene-d12	23.804	264	1623492	20.000	ng/ul	-0.17
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	7981	177.581	ng/uL	0.00
4) Pyridine-d5	3.734	84	92605	737.048	ng/ul	0.00
7) Phenol-d5	7.075	99	78502	517.783	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	259125	2832.071	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	255326	2123.335	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	149786	1270.761	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	156611	2953.385	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	162708	2825.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	280209	2575.875	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	351612	2231.333	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	1017891	2872.250	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1094444	2685.160	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	17344	280.917	ng/ul	0.00
60) Fluorene-d10	15.581	176	907162	2973.373	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	117082	1833.631	ng/ul	0.00
73) Anthracene-d10	17.451	188	1614024	3212.311	ng/ul	0.00
81) Pyrene-d10	19.692	212	1949854	3239.310	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	1587757	20.313	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	1063	23.096	ng/uL#	1
5) Pyridine	3.752	79	135	1.035	ng/ul#	1
6) Benzaldehyde	7.081	77	6449	83.352	ng/ul	86
8) Phenol	7.099	94	678	4.446	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.364	93	160	1.298	ng/ul#	68
13) 2-Methylphenol	8.216	108	144	1.276	ng/ul	84
16) Acetophenone	8.769	105	6687	36.713	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.722	70	129	1.419	ng/ul#	1
22) Nitrobenzene	9.299	77	142	1.055	ng/ul	98
30) Naphthalene	10.799	128	2152	5.635	ng/ul#	88
36) 2-Methylnaphthalene	12.404	142	769	3.085	ng/ul	90
37) 1-Methylnaphthalene	12.616	142	558	2.190	ng/ul#	51
43) 1,1'-Biphenyl	13.422	154	859	2.289	ng/ul#	1
45) 2-Nitroaniline	13.710	65	75	1.026	ng/ul#	25
47) Dimethylphthalate	14.046	163	480	1.345	ng/ul#	81
48) 2,6-Dinitrotoluene	14.322	165	70	1.129	ng/ul	100
52) Acenaphthene	14.646	153	3698	11.748	ng/ul	98
55) 4-Nitrophenol	14.828	109	78	1.617	ng/ul#	1
57) 2,4-Dinitrotoluene	14.975	165	288	3.153	ng/ul#	51
59) Diethylphthalate	15.393	149	1609	4.662	ng/ul#	97
63) 4-Nitroaniline	15.704	138	972	16.321	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.710	198	395	5.734	ng/ul#	1
72) Phenanthrene	17.392	178	1941	3.271	ng/ul#	89
78) Di-n-butylphthalate	18.287	149	7219	12.273	ng/ul#	94

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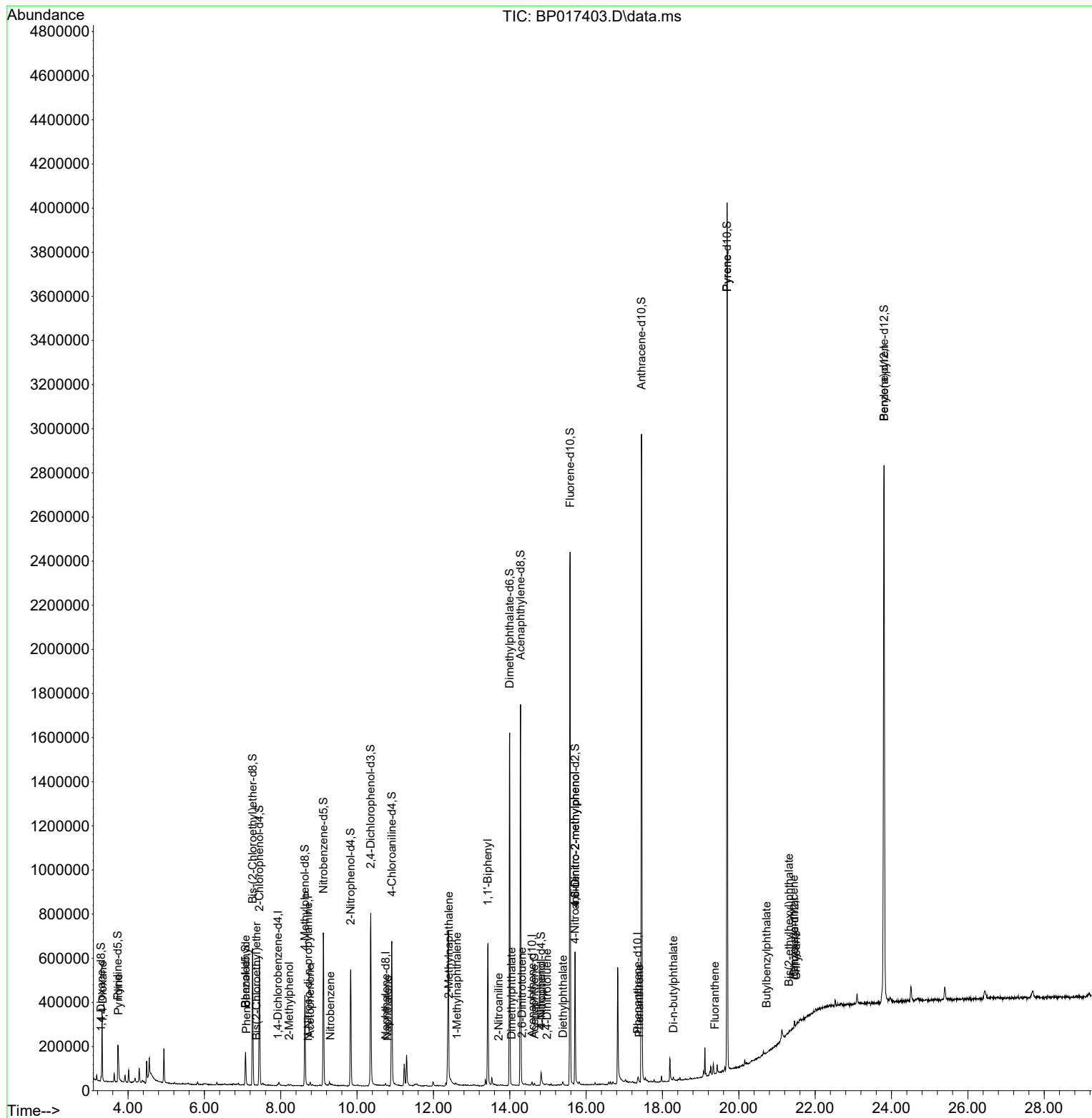
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Fluoranthene	19.369	202	849	1.209	ng/ul#	66
82) Pyrene	19.692	202	3589	4.809	ng/ul#	1
83) Butylbenzylphthalate	20.728	149	361	1.364	ng/ul	94
85) Benzo(a)anthracene	21.445	228	996	1.326	ng/ul#	84
86) Bis(2-ethylhexyl)phtha...	21.316	149	3107	8.131	ng/ul#	86
87) Chrysene	21.504	228	1517	2.146	ng/ul#	90

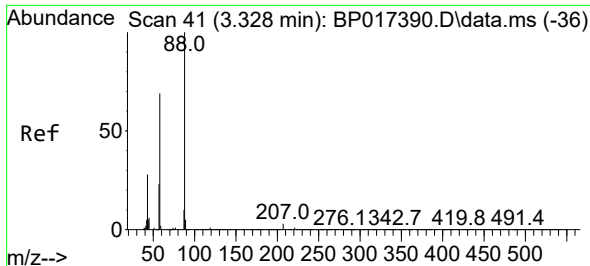
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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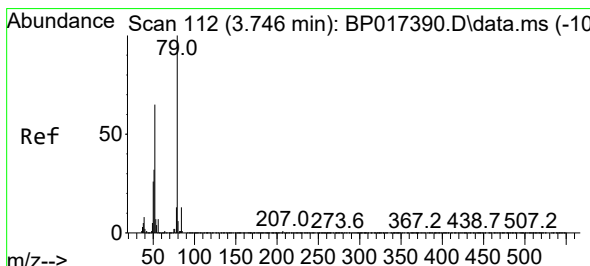
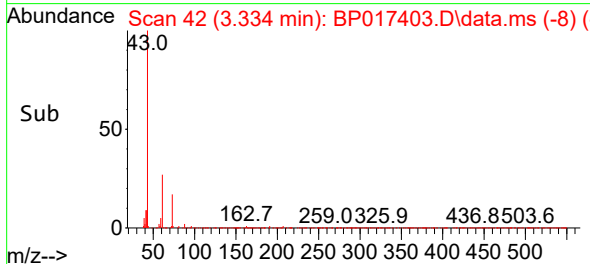
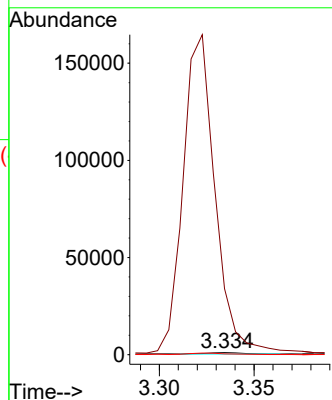
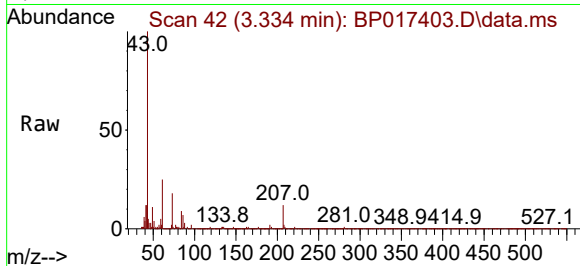




#2
1,4-Dioxane
Concen: 23.096 ng/uL
RT: 3.334 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP017403.D
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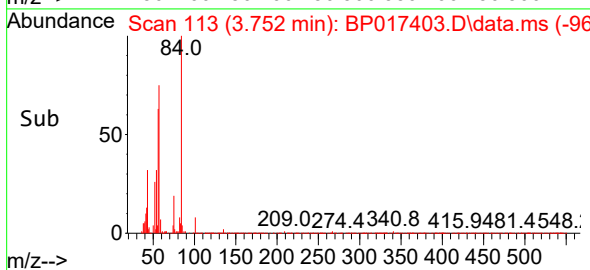
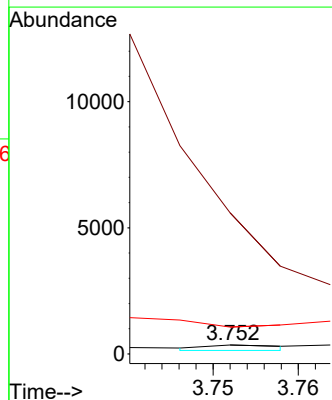
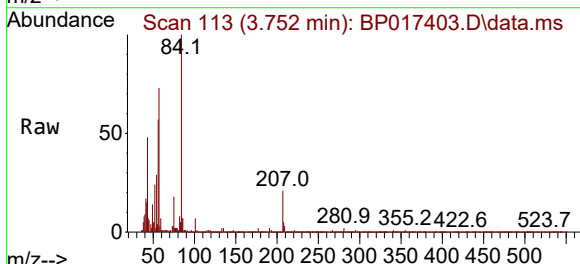
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ClientSampleId :
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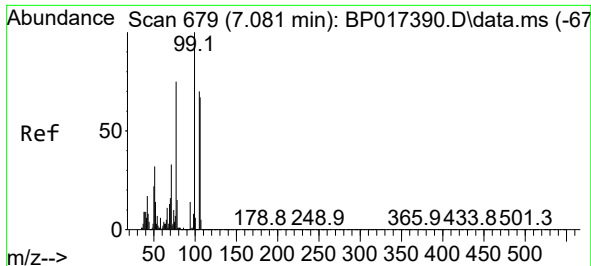
Tgt Ion: 88 Resp: 1063
Ion Ratio Lower Upper
88 100
43 3080.5 25.0 37.4#
58 40.0 56.6 84.8#



#5
Pyridine
Concen: 1.035 ng/uL
RT: 3.752 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion: 79 Resp: 135
Ion Ratio Lower Upper
79 100
52 1566.4 51.4 77.2#
51 298.9 25.4 38.2#

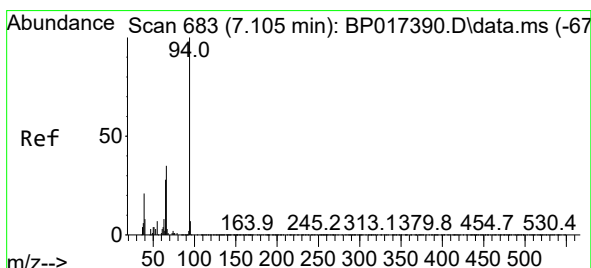
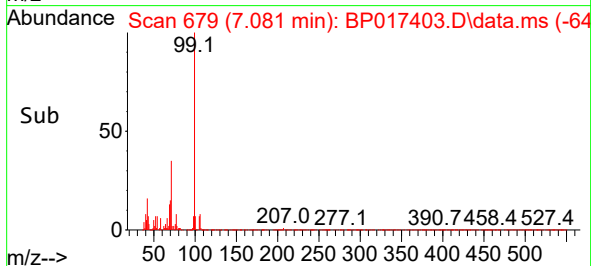
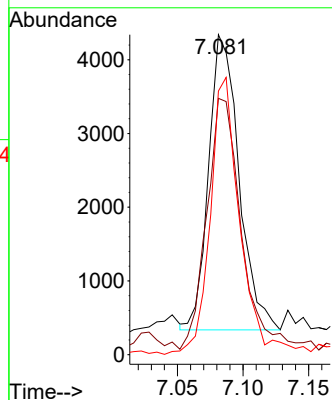
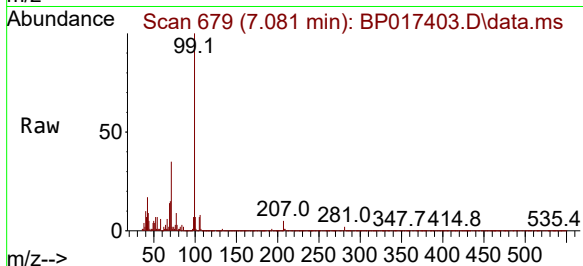




#6
Benzaldehyde
Concen: 83.352 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

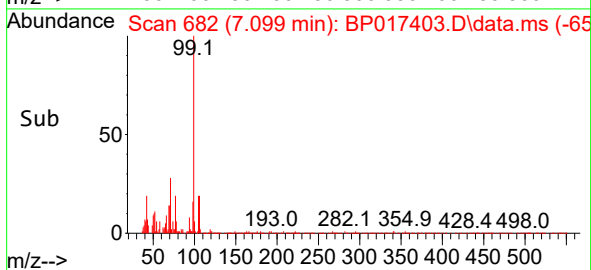
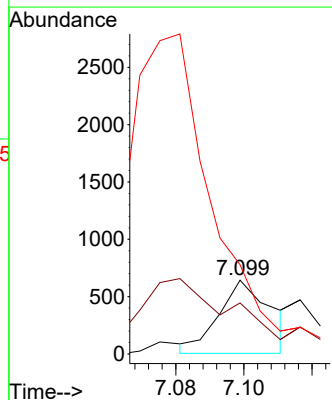
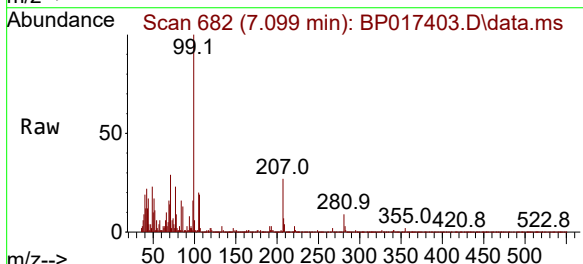
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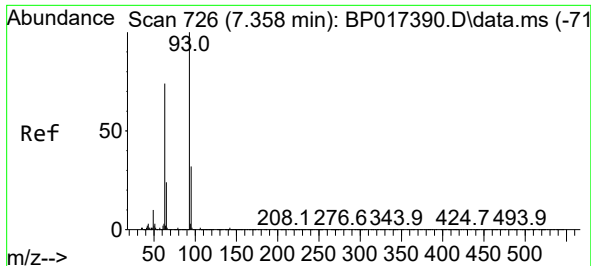
Tgt Ion: 77 Resp: 6449
Ion Ratio Lower Upper
77 100
105 80.1 78.0 117.0
106 82.4 73.2 109.8



#8
Phenol
Concen: 4.446 ng/ul
RT: 7.099 min Scan# 682
Delta R.T. -0.012 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion: 94 Resp: 678
Ion Ratio Lower Upper
94 100
65 69.2 21.4 32.2#
66 121.0 28.2 42.2#

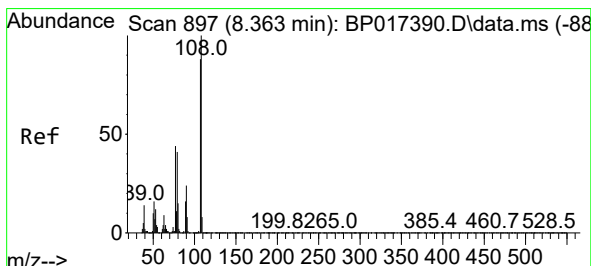
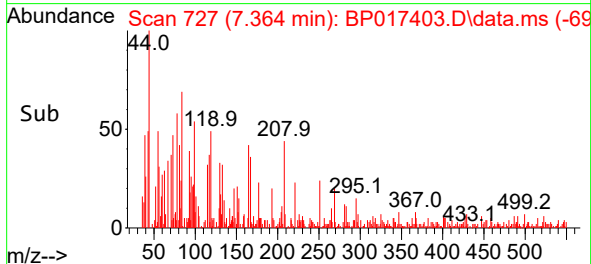
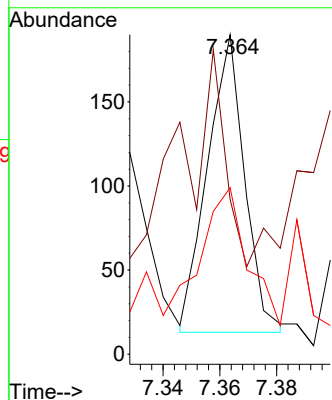
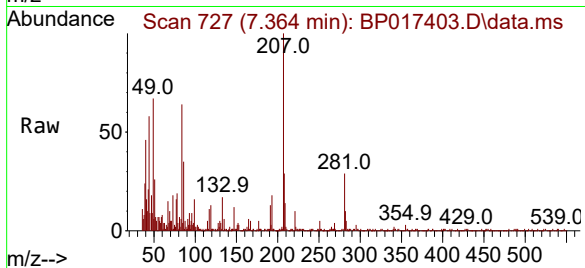




#10
Bis(2-Chloroethyl)ether
Concen: 1.298 ng/ul
RT: 7.364 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

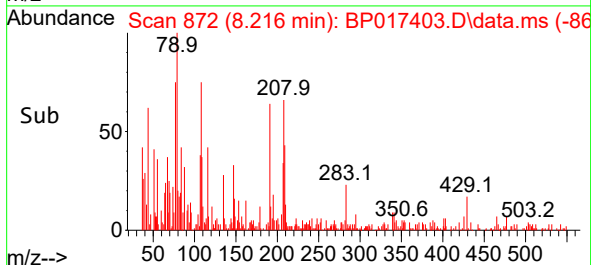
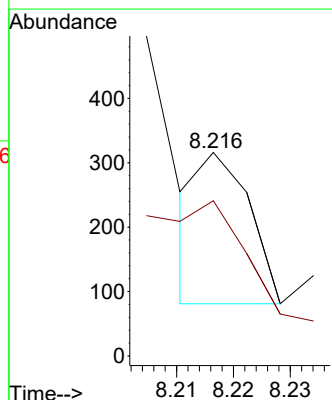
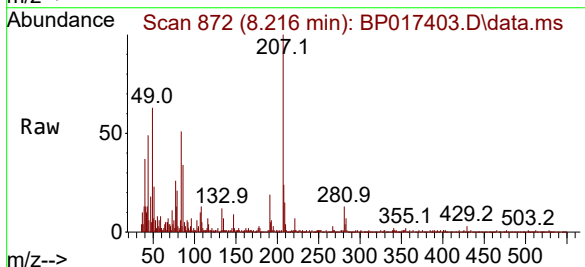
Instrument :
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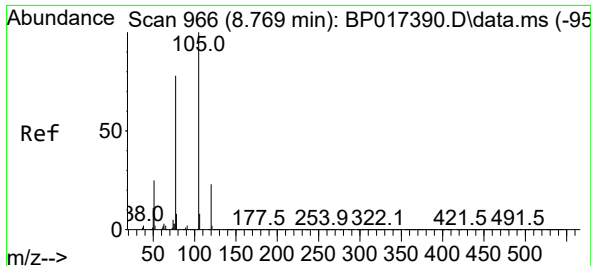
Tgt Ion: 93 Resp: 160
Ion Ratio Lower Upper
93 100
63 37.2 55.4 83.0#
95 40.1 25.1 37.7#



#13
2-Methylphenol
Concen: 1.276 ng/ul
RT: 8.216 min Scan# 872
Delta R.T. -0.153 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion: 108 Resp: 144
Ion Ratio Lower Upper
108 100
107 76.3 73.5 110.3

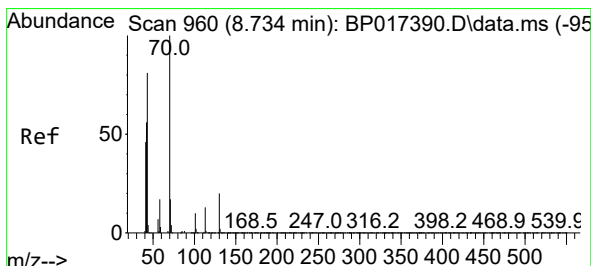
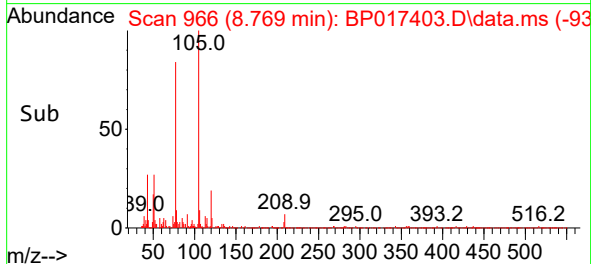
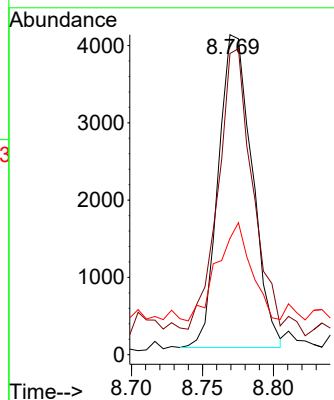
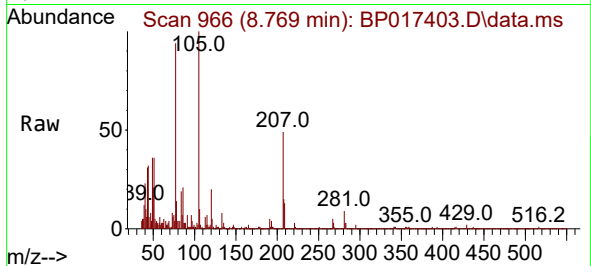




#16
Acetophenone
Concen: 36.713 ng/ul
RT: 8.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

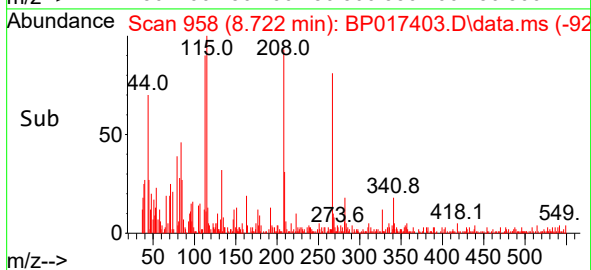
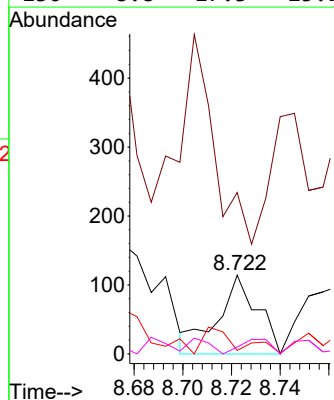
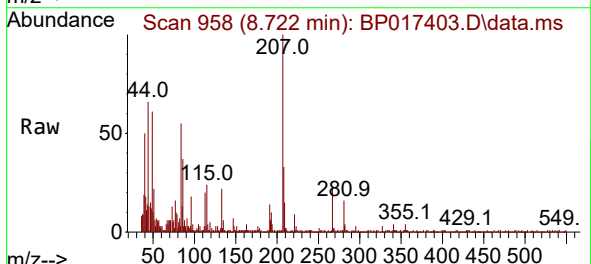
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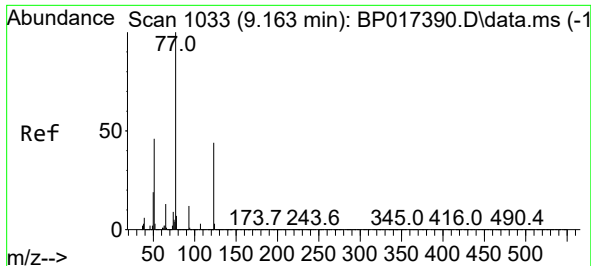
Tgt Ion:	105	Resp:	6687
Ion	Ratio	Lower	Upper
105	100		
77	94.1	63.6	95.4
51	36.4	19.2	28.8



#17
N-Nitroso-di-n-propylamine
Concen: 1.419 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. -0.023 min
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Tgt Ion:	70	Resp:	129
Ion	Ratio	Lower	Upper
70	100		
42	205.3	42.3	63.5
101	4.4	7.5	11.3
130	8.8	17.3	25.9

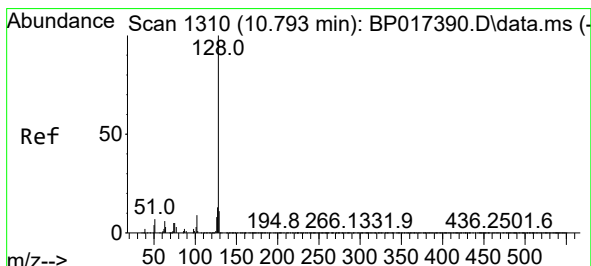
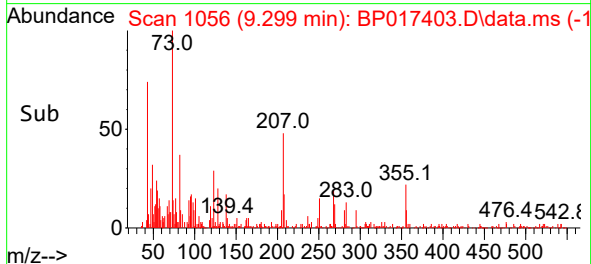
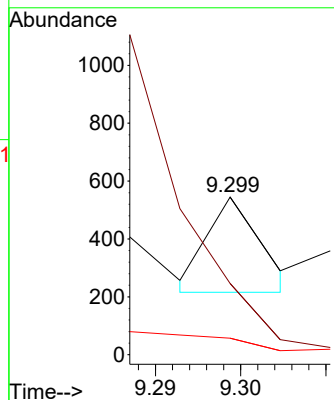
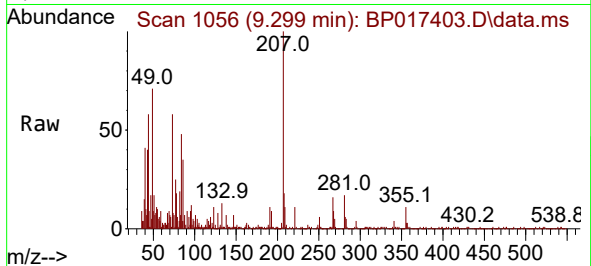




#22
Nitrobenzene
Concen: 1.055 ng/ul
RT: 9.299 min Scan# 1033
Delta R.T. 0.130 min
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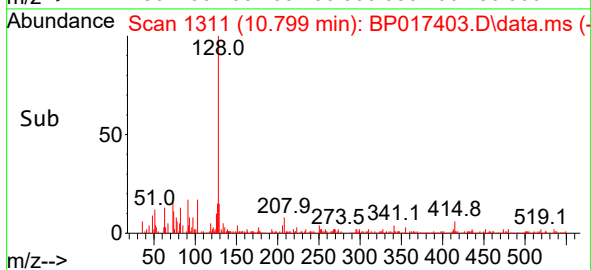
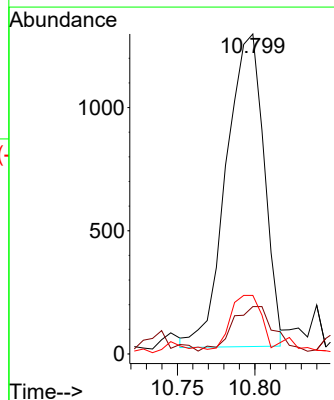
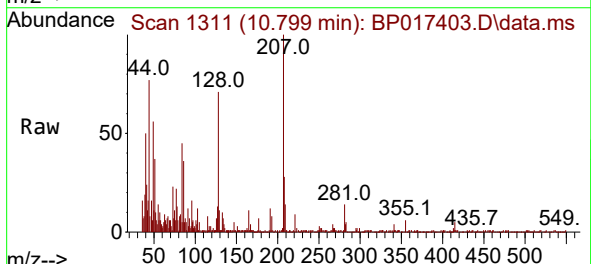
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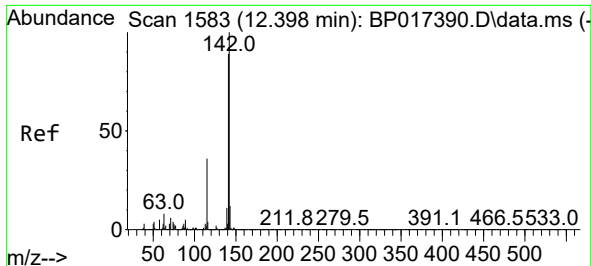
Tgt Ion: 77 Resp: 142
Ion Ratio Lower Upper
77 100
123 46.1 37.4 56.0
65 10.5 9.8 14.6



#30
Naphthalene
Concen: 5.635 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion: 128 Resp: 2152
Ion Ratio Lower Upper
128 100
129 14.8 8.6 13.0#
127 18.3 10.6 15.8#

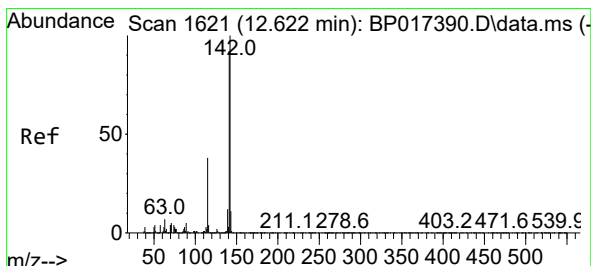
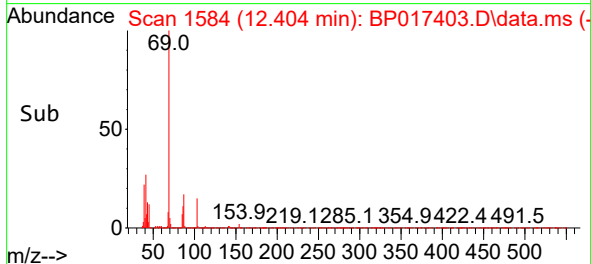
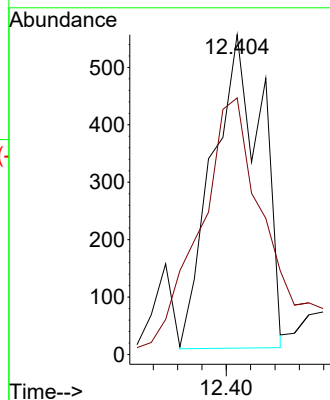
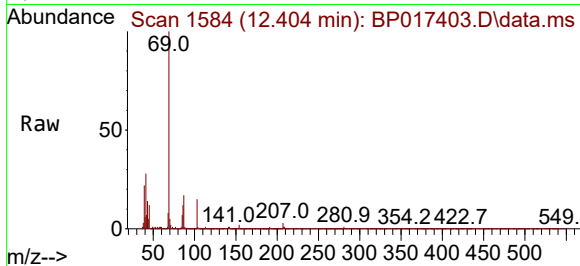




#36
2-Methylnaphthalene
Concen: 3.085 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. 0.000 min
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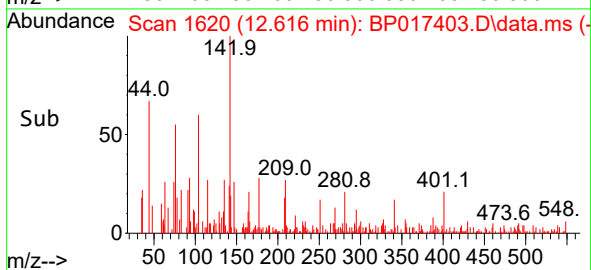
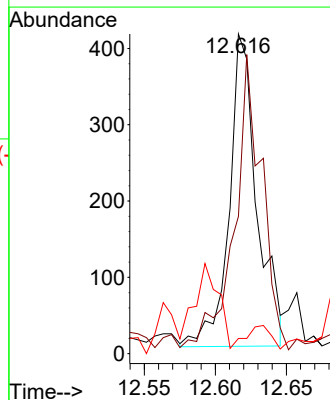
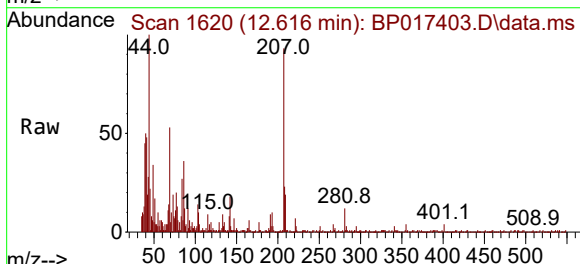
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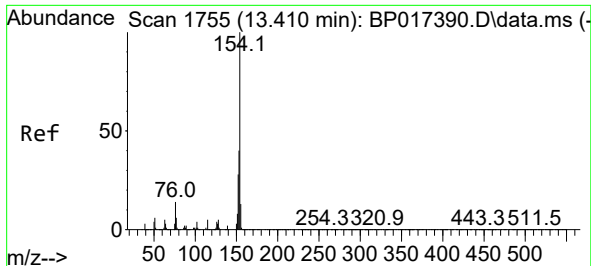
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Ion Ratio Lower Upper
142 100
141 80.3 71.9 107.9



#37
1-Methylnaphthalene
Concen: 2.190 ng/ul
RT: 12.616 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:142 Resp: 558
Ion Ratio Lower Upper
142 100
141 43.0 73.4 110.2#
116 4.8 3.1 4.7#

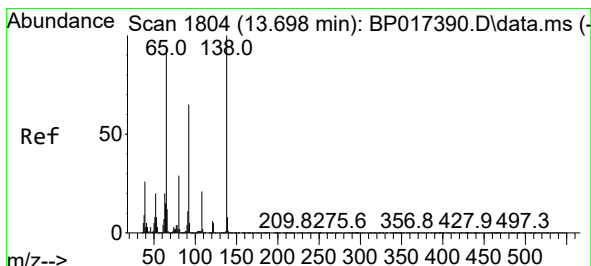
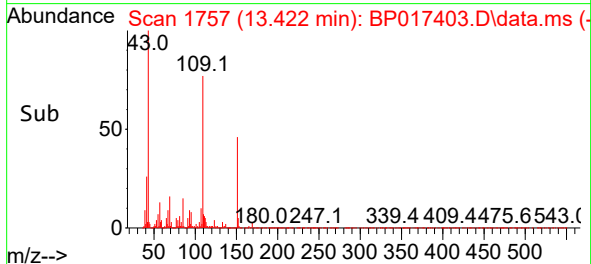
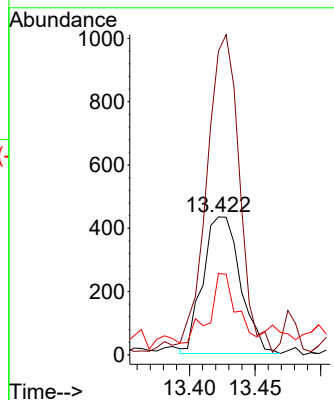
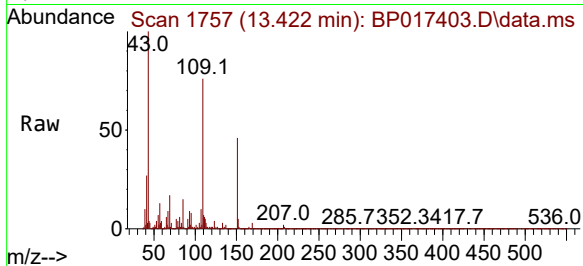




#43
1,1'-Biphenyl
Concen: 2.289 ng/ul
RT: 13.422 min Scan# 1757
Delta R.T. 0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

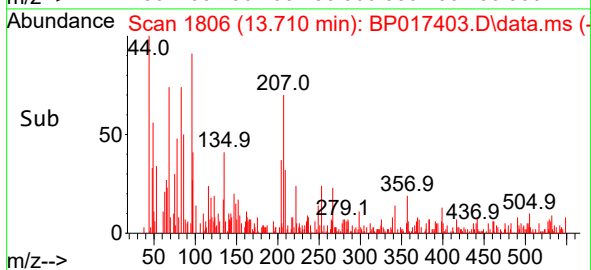
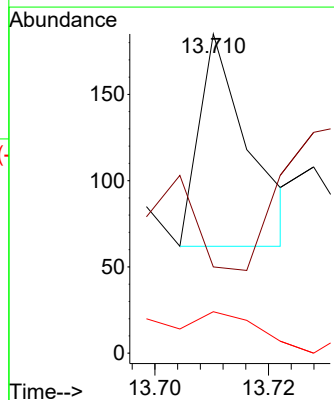
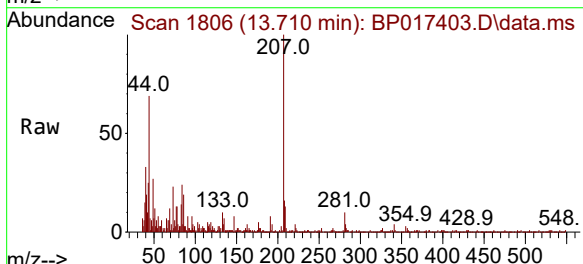
Instrument :
BNA_P
ClientSampleId :
JLAD5

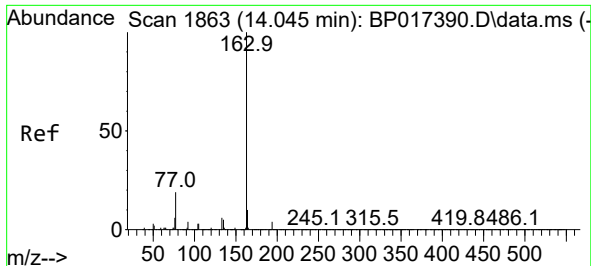
Tgt Ion:154 Resp: 859
Ion Ratio Lower Upper
154 100
153 220.2 31.5 47.3#
76 58.9 11.0 16.6#



#45
2-Nitroaniline
Concen: 1.026 ng/ul
RT: 13.710 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion: 65 Resp: 75
Ion Ratio Lower Upper
65 100
92 27.0 57.7 86.5#
138 13.0 83.5 125.3#

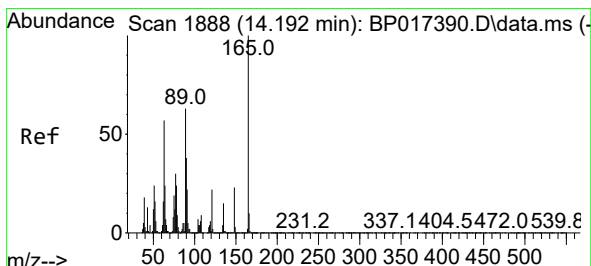
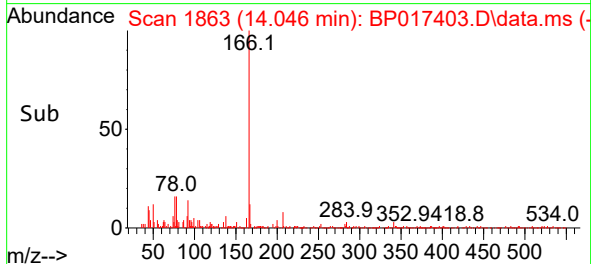
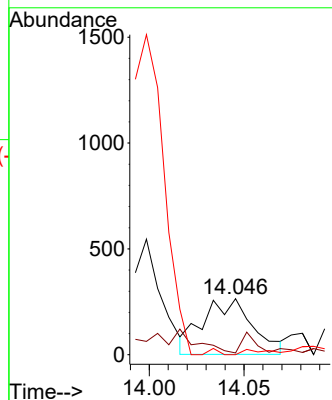
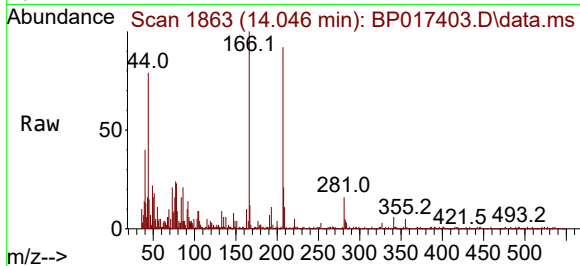




#47
Dimethylphthalate
Concen: 1.345 ng/ul
RT: 14.046 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

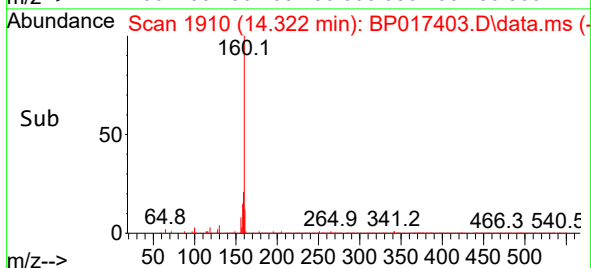
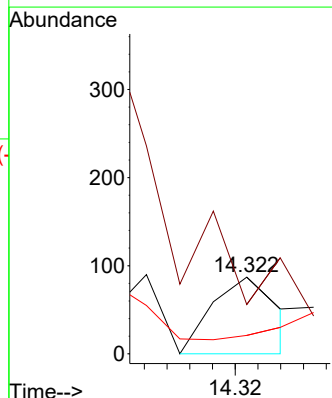
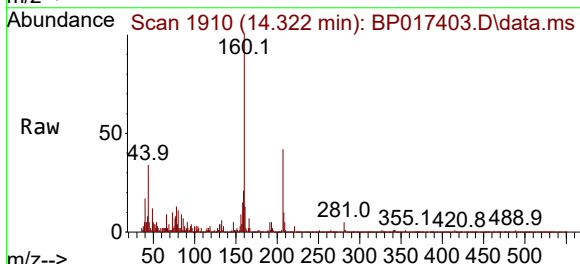
Instrument :
BNA_P
ClientSampleId :
JLAD5

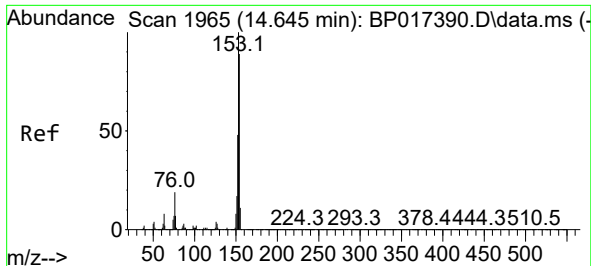
Tgt Ion:163 Resp: 480
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 0.0 7.5 11.3#



#48
2,6-Dinitrotoluene
Concen: 1.129 ng/ul
RT: 14.322 min Scan# 1910
Delta R.T. 0.124 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:165 Resp: 70
Ion Ratio Lower Upper
165 100
89 64.4 51.7 77.5
121 24.1 19.7 29.5

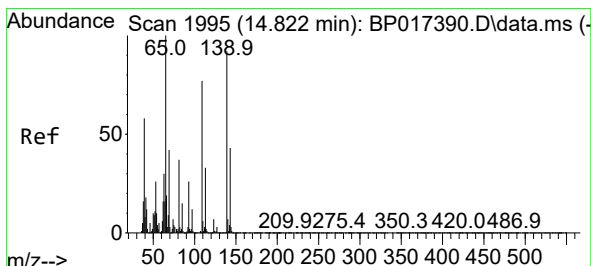
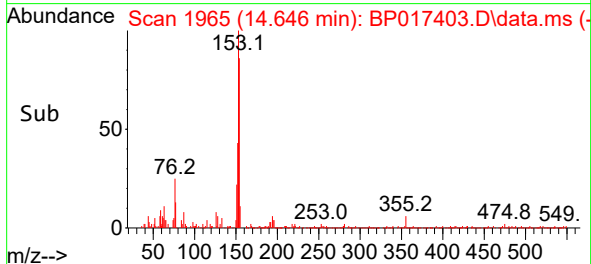
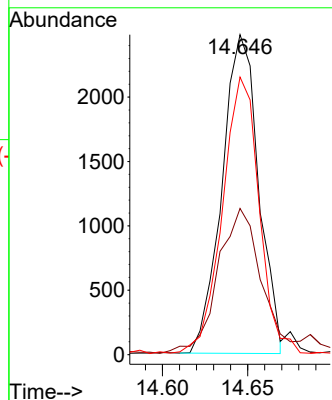
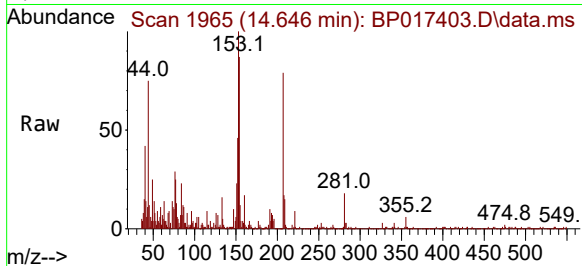




#52
Acenaphthene
Concen: 11.748 ng/ul
RT: 14.646 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

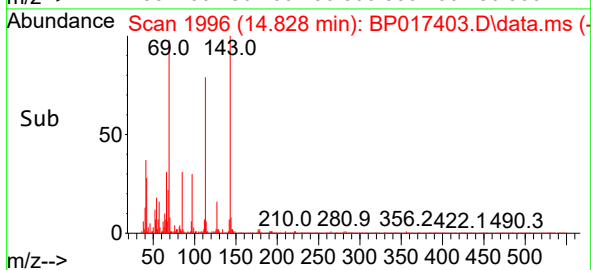
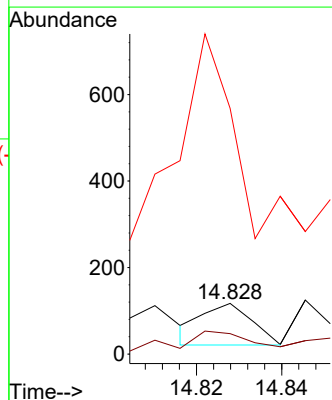
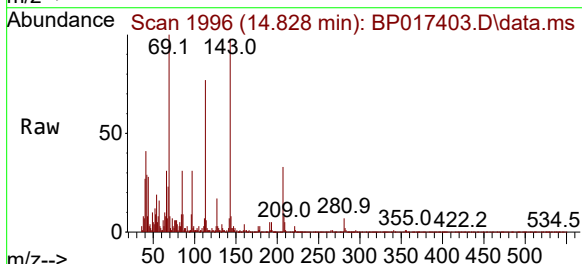
Instrument :
BNA_P
ClientSampleId :
JLAD5

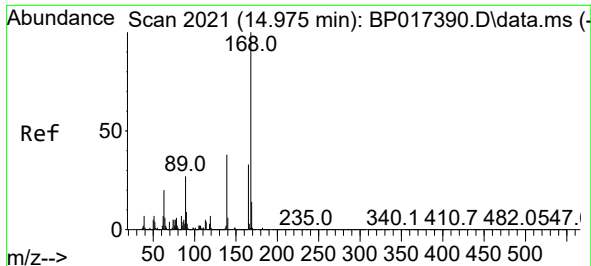
Tgt Ion:153 Resp: 3698
Ion Ratio Lower Upper
153 100
152 45.7 38.0 57.0
154 86.8 70.1 105.1



#55
4-Nitrophenol
Concen: 1.617 ng/ul
RT: 14.828 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:109 Resp: 78
Ion Ratio Lower Upper
109 100
139 40.2 105.7 158.5#
65 485.5 105.4 158.0#

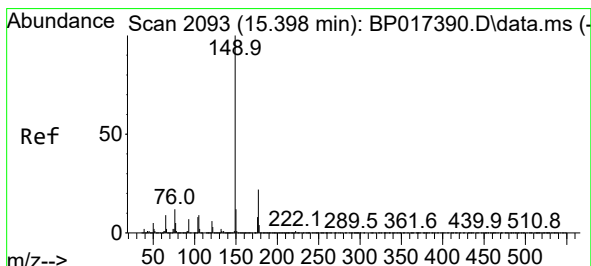
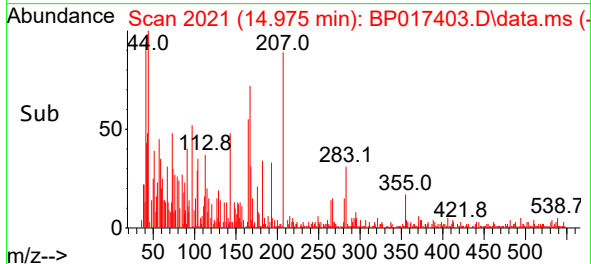
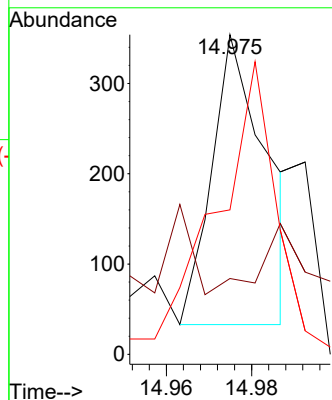
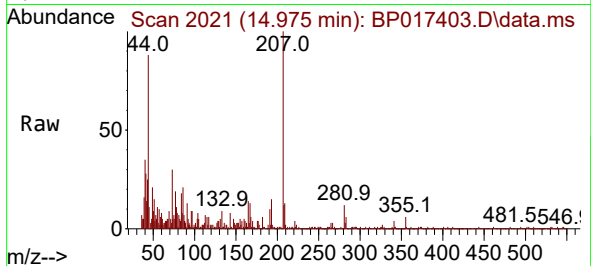




#57
2,4-Dinitrotoluene
Concen: 3.153 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

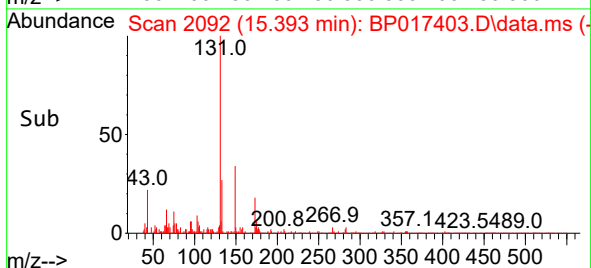
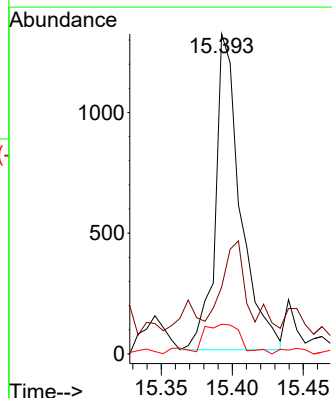
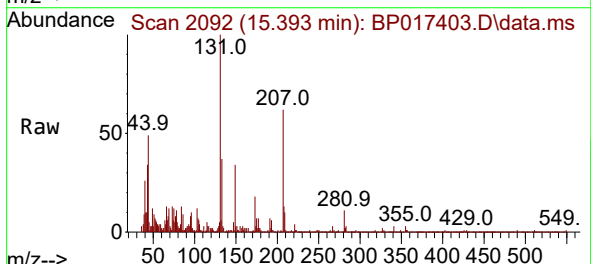
Instrument :
BNA_P
ClientSampleId :
JLAD5

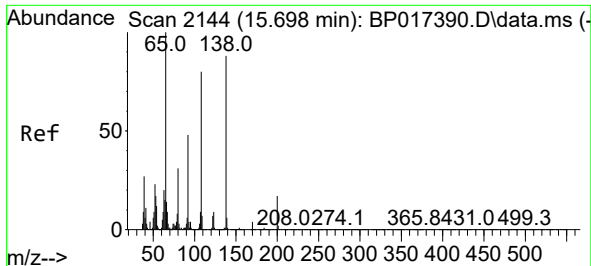
Tgt Ion:165 Resp: 288
Ion Ratio Lower Upper
165 100
63 23.7 45.6 68.4#
182 45.2 2.0 3.0#



#59
Diethylphthalate
Concen: 4.662 ng/ul
RT: 15.393 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:149 Resp: 1609
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 9.3 9.8 14.6#

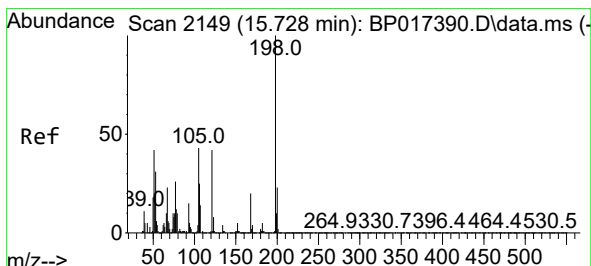
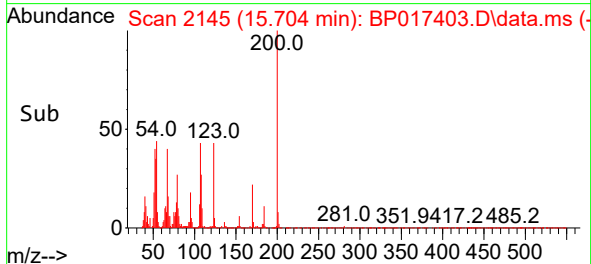
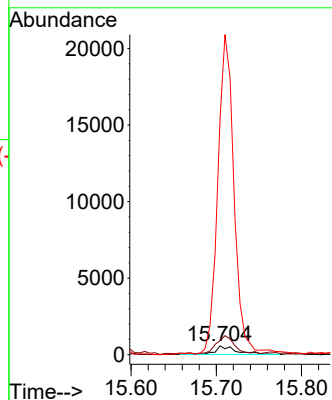
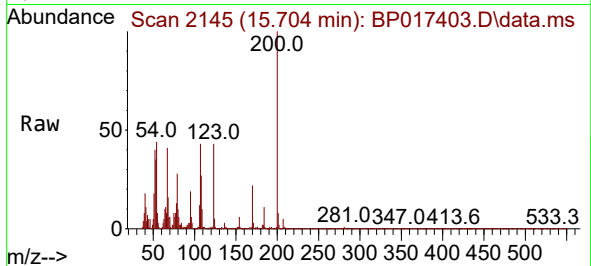




#63
4-Nitroaniline
Concen: 16.321 ng/ul
RT: 15.704 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

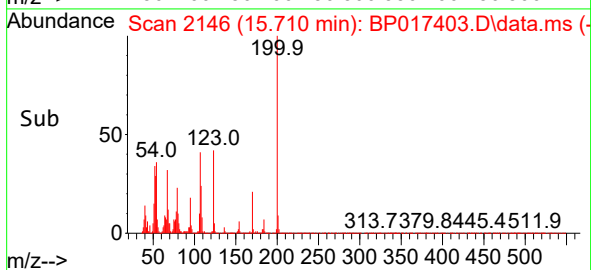
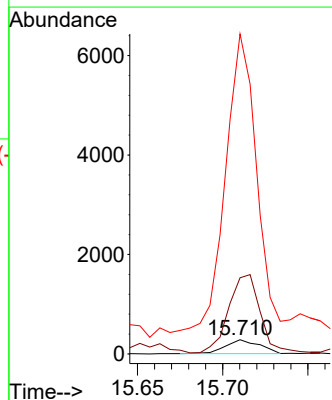
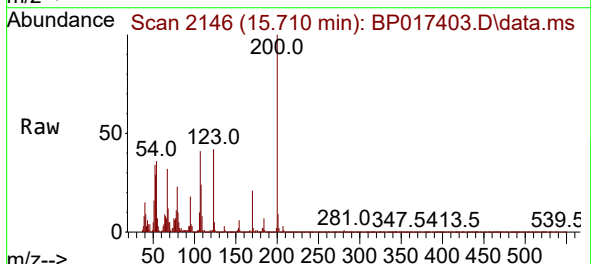
Instrument :
BNA_P
ClientSampleId :
JLAD5

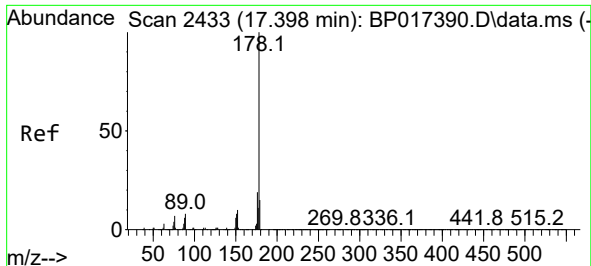
Tgt Ion:138 Resp: 972
Ion Ratio Lower Upper
138 100
92 159.5 42.4 63.6#
108 2665.2 73.0 109.6#



#66
4,6-Dinitro-2-methylphenol
Concen: 5.734 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.023 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:198 Resp: 395
Ion Ratio Lower Upper
198 100
182 533.8 4.3 6.5#
77 2241.8 20.4 30.6#

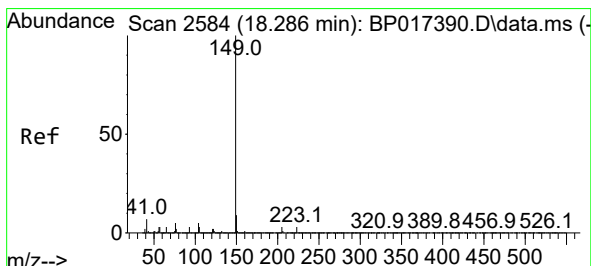
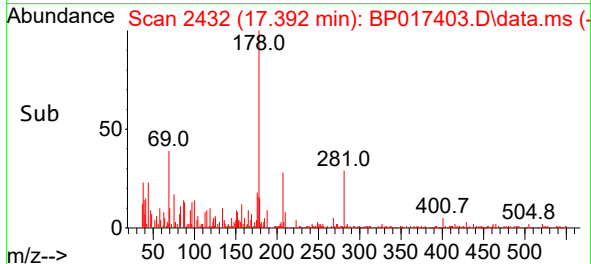
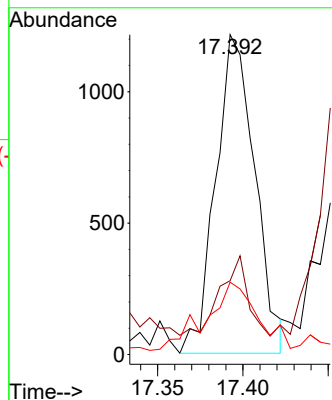
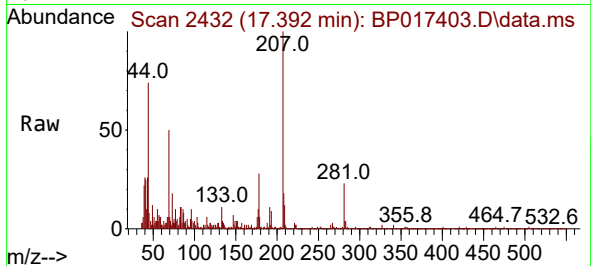




#72
Phenanthrene
Concen: 3.271 ng/ul
RT: 17.392 min Scan# 2433
Delta R.T. -0.012 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

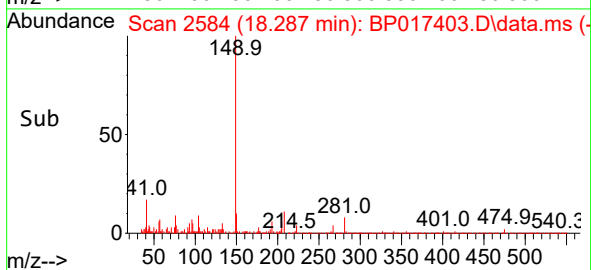
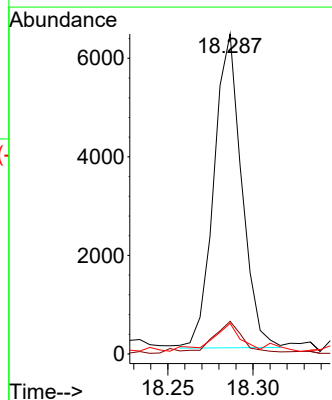
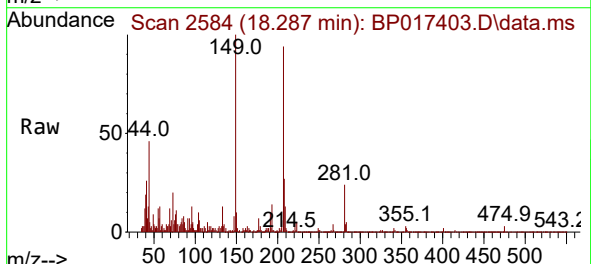
Instrument :
BNA_P
ClientSampleId :
JLAD5

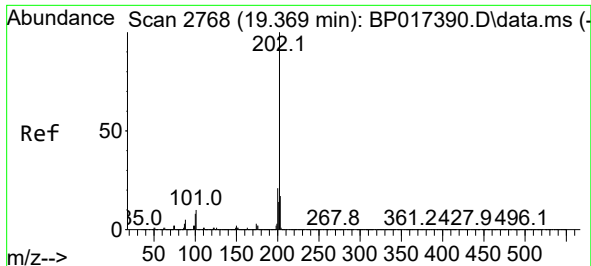
Tgt Ion:178 Resp: 1941
Ion Ratio Lower Upper
178 100
179 23.1 12.7 19.1#
176 22.6 15.8 23.6



#78
Di-n-butylphthalate
Concen: 12.273 ng/ul
RT: 18.287 min Scan# 2584
Delta R.T. -0.006 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:149 Resp: 7219
Ion Ratio Lower Upper
149 100
150 10.2 7.5 11.3
104 9.5 4.5 6.7#

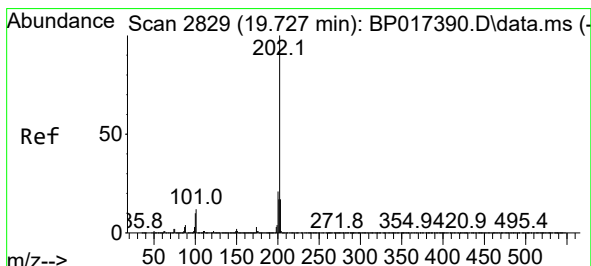
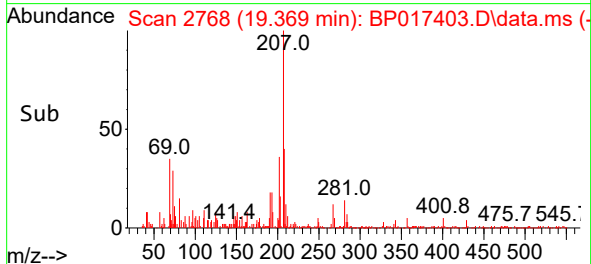
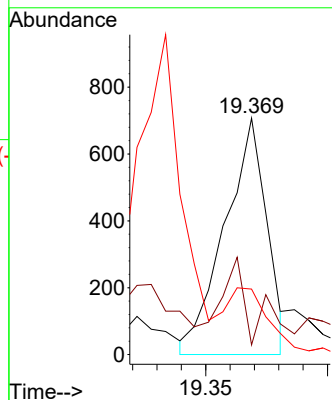
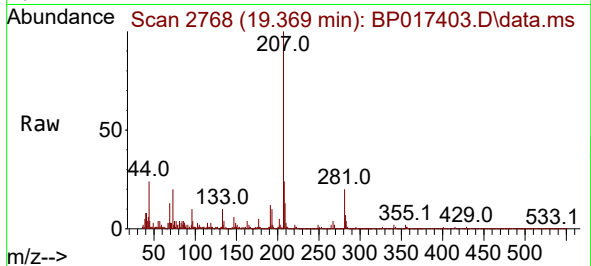




#80
Fluoranthene
Concen: 1.209 ng/ul
RT: 19.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

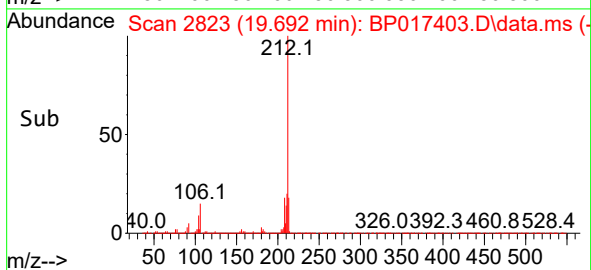
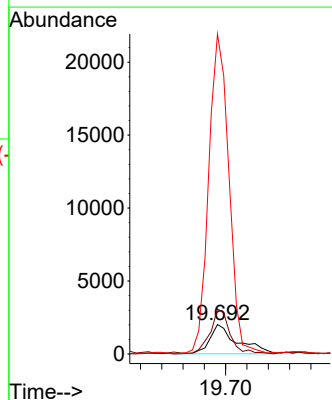
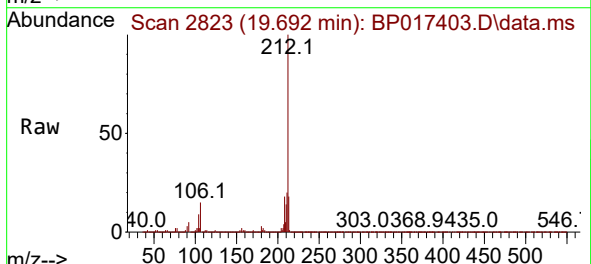
Instrument :
BNA_P
ClientSampleId :
JLAD5

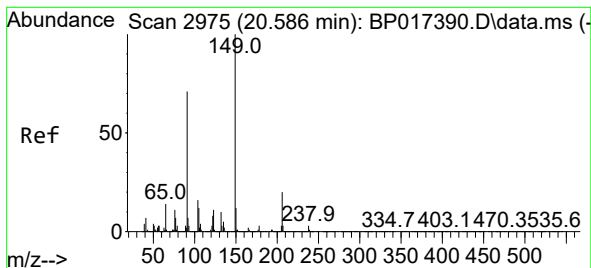
Tgt Ion:202 Resp: 849
Ion Ratio Lower Upper
202 100
101 4.1 8.4 12.6#
100 27.7 6.6 10.0#



#82
Pyrene
Concen: 4.809 ng/ul
RT: 19.692 min Scan# 2823
Delta R.T. -0.035 min
Lab File: BP017403.D
Acq: 27 Sep 2023 18:17

Tgt Ion:202 Resp: 3589
Ion Ratio Lower Upper
202 100
101 153.1 9.8 14.8#
100 1084.9 8.1 12.1#





#83

Butylbenzylphthalate

Concen: 1.364 ng/ul

RT: 20.728 min Scan# 2975

Delta R.T. 0.141 min

Lab File: BP017403.D

Acq: 27 Sep 2023 18:17

Instrument :

BNA_P

ClientSampleId :

JLAD5

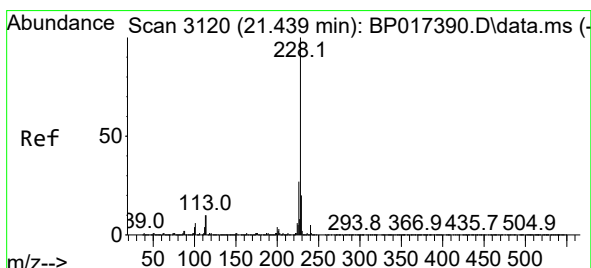
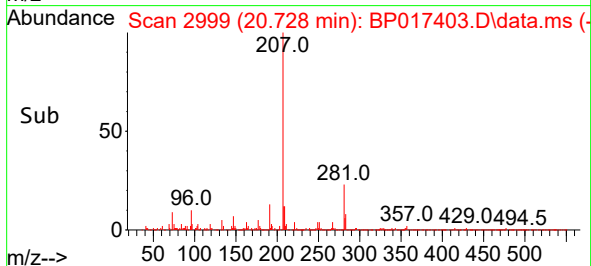
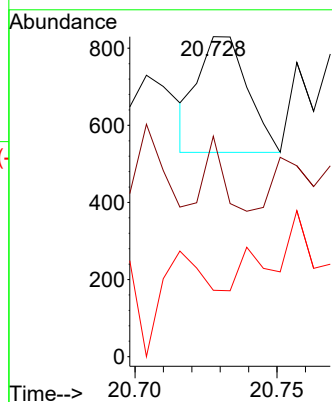
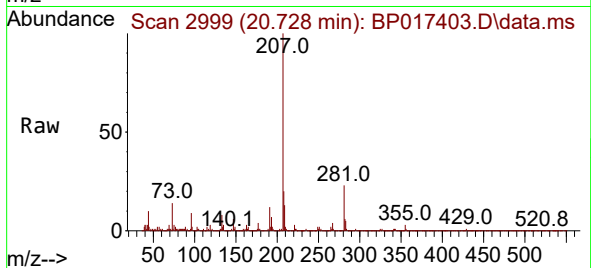
Tgt Ion:149 Resp: 361

Ion Ratio Lower Upper

149 100

91 68.9 59.8 89.6

206 20.7 15.7 23.5



#85

Benzo(a)anthracene

Concen: 1.326 ng/ul

RT: 21.445 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP017403.D

Acq: 27 Sep 2023 18:17

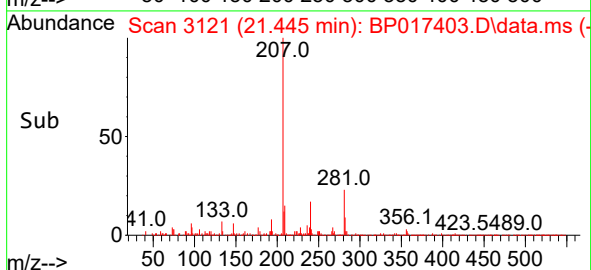
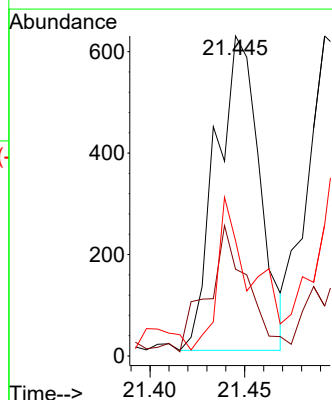
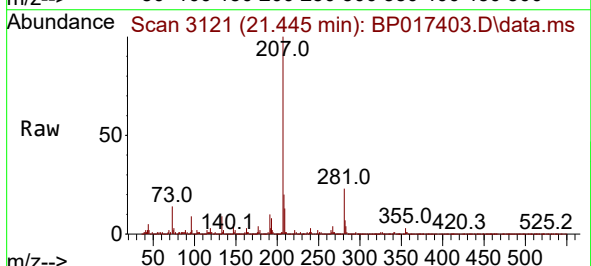
Tgt Ion:228 Resp: 996

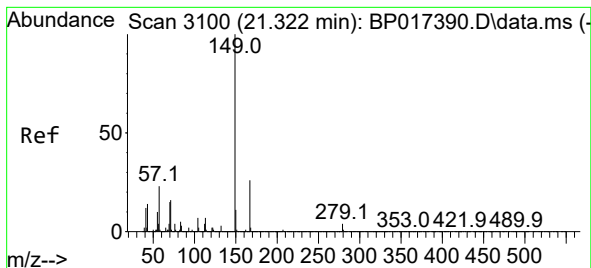
Ion Ratio Lower Upper

228 100

229 27.1 15.8 23.6#

226 36.0 21.8 32.8#





#86

Bis(2-ethylhexyl)phthalate

Concen: 8.131 ng/ul

RT: 21.316 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP017403.D

Acq: 27 Sep 2023 18:17

Instrument :

BNA_P

ClientSampleId :

JLAD5

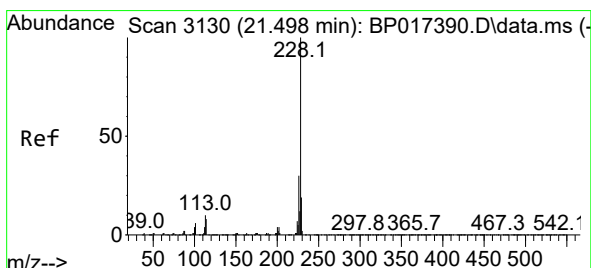
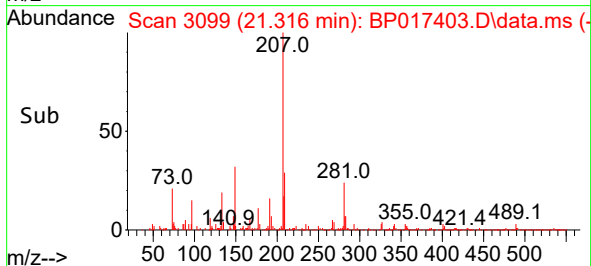
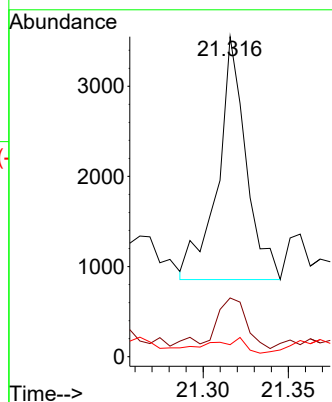
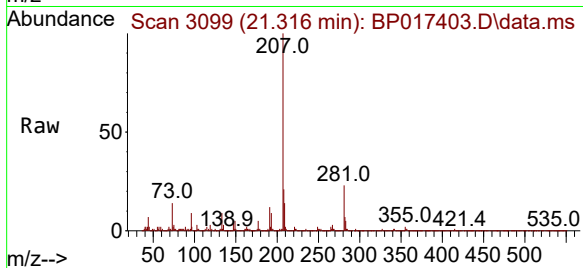
Tgt Ion:149 Resp: 3107

Ion Ratio Lower Upper

149 100

167 18.3 21.0 31.6#

279 3.7 3.0 4.4



#87

Chrysene

Concen: 2.146 ng/ul

RT: 21.504 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP017403.D

Acq: 27 Sep 2023 18:17

Tgt Ion:228 Resp: 1517

Ion Ratio Lower Upper

228 100

226 38.2 24.1 36.1#

229 19.9 15.0 22.6

