

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017360.D
 Acq On : 26 Sep 2023 14:11
 Operator : MA/JU
 Sample : 04450-09
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBKA6

Quant Time: Sep 27 00:28:10 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)

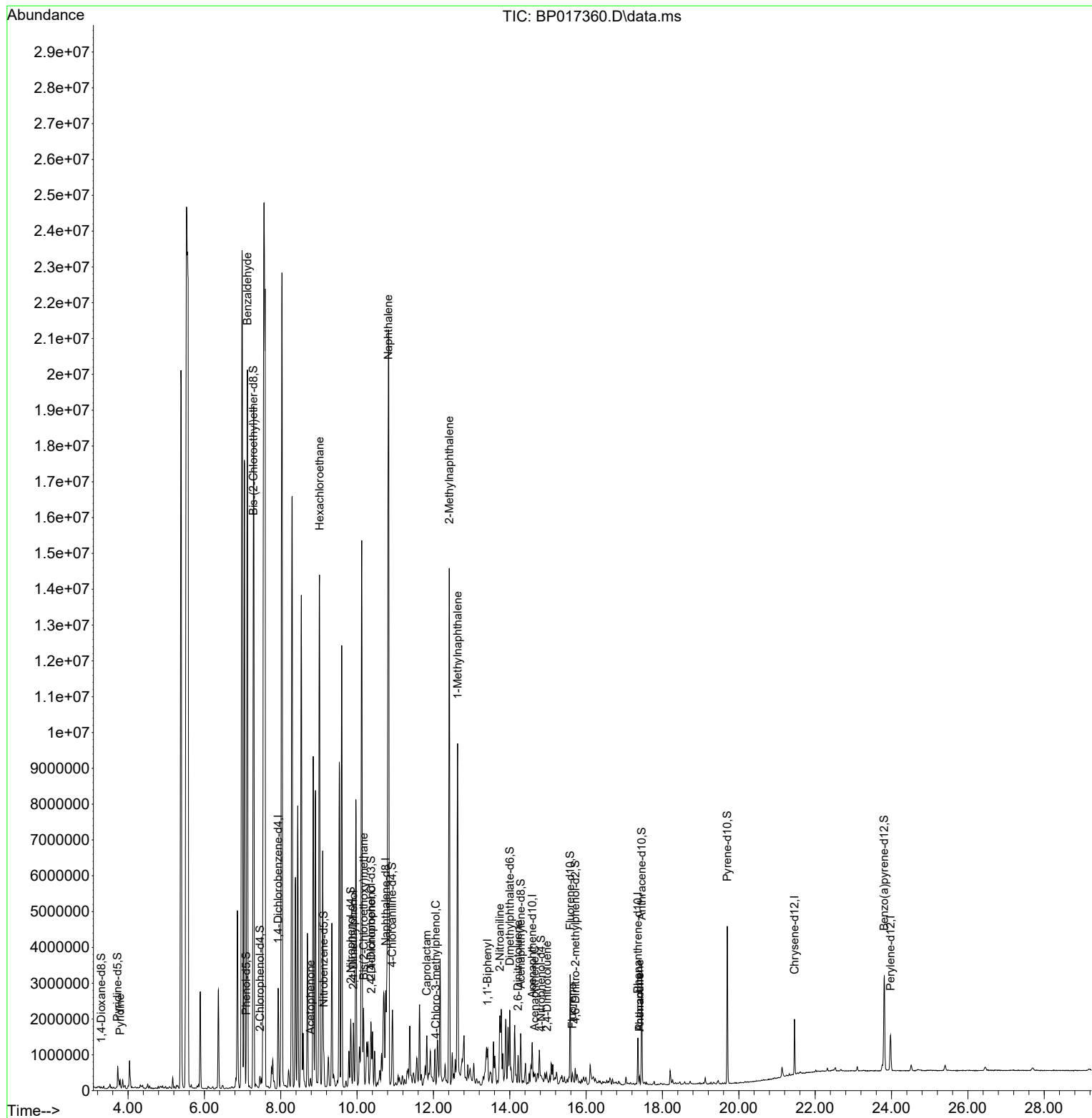
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	119791	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.752	136	523551	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	353299	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	758822	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	716204	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	772399	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	15589	5.345	ng/uL	0.00
4) Pyridine-d5	3.728	84	320728	39.337	ng/ul	0.00
7) Phenol-d5	7.093	99	31898	3.242	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	226443	38.138	ng/ul	0.01
11) 2-Chlorophenol-d4	7.458	132	169032	21.662	ng/ul	0.01
15) 4-Methylphenol-d8	8.646	113	1385	0.181	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	204675	54.076	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	223918	54.484	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	184598	23.774	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	34413	3.060	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1316224	52.006	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	590845	20.298	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	46563	10.560	ng/ul	0.00
60) Fluorene-d10	15.581	176	1137750	52.217	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	86275	20.172	ng/ul	0.00
73) Anthracene-d10	17.457	188	1774561	52.729	ng/ul	0.00
81) Pyrene-d10	19.698	212	2209452	57.047	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.810	264	2009324	54.030	ng/ul	0.00
Target Compounds						
						Qvalue
5) Pyridine	3.793	79	30101	3.556	ng/ul#	59
6) Benzaldehyde	7.128	77	1691294	336.861	ng/ul#	1
16) Acetophenone	8.781	105	132937	11.247	ng/ul	97
19) Hexachloroethane	9.016	117	1420809	431.910	ng/ul#	6
26) 2,4-Dimethylphenol	9.899	107	13357	1.505	ng/ul#	38
27) Bis(2-Chloroethoxy)met...	10.175	93	82939	7.465	ng/ul#	59
29) 2,4-Dichlorophenol	10.375	162	16066	2.099	ng/ul#	87
30) Naphthalene	10.816	128	20885393	766.128	ng/ul	95
34) Caprolactam	11.822	113	6931	3.133	ng/ul	84
35) 4-Chloro-3-methylphenol	12.063	107	20973	2.726	ng/ul#	25
36) 2-Methylnaphthalene	12.416	142	7242263	407.038	ng/ul	99
37) 1-Methylnaphthalene	12.634	142	4254556	233.919	ng/ul	100
43) 1,1'-Biphenyl	13.416	154	198953	7.422	ng/ul	99
45) 2-Nitroaniline	13.740	65	43664	8.364	ng/ul#	25
48) 2,6-Dinitrotoluene	14.216	165	16583	3.745	ng/ul#	56
52) Acenaphthene	14.651	153	54249	2.413	ng/ul#	85
57) 2,4-Dinitrotoluene	14.975	165	7612	1.167	ng/ul#	54
61) Fluorene	15.640	166	109271	4.369	ng/ul#	97
72) Phenanthrene	17.398	178	118061	2.971	ng/ul	99
74) Anthracene	17.398	178	118205	2.935	ng/ul	100

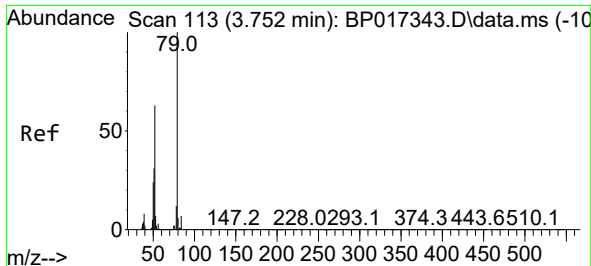
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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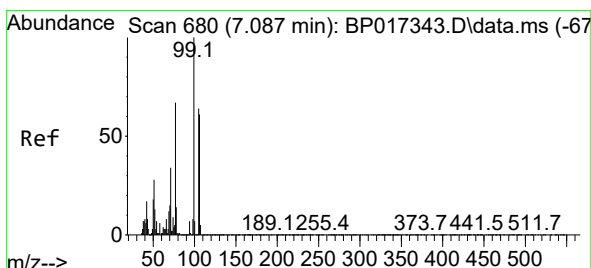
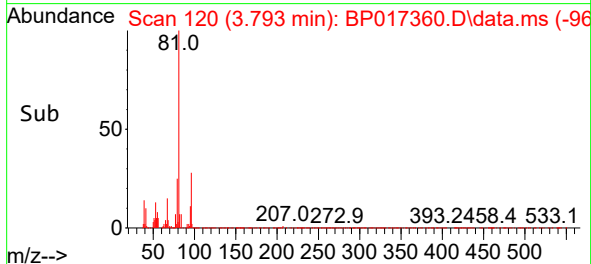
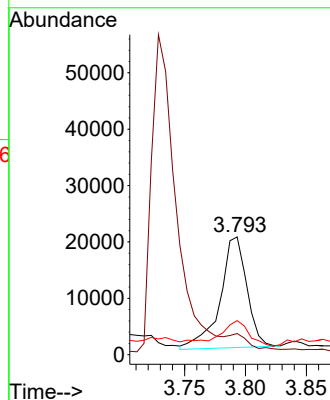
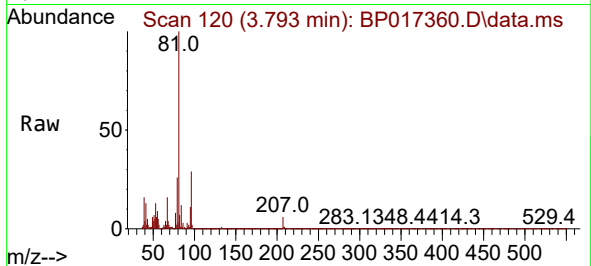




#5
 Pyridine
 Concen: 3.556 ng/ul
 RT: 3.793 min Scan# 113
 Delta R.T. 0.041 min
 Lab File: BP017360.D
 Acq: 26 Sep 2023 14:11

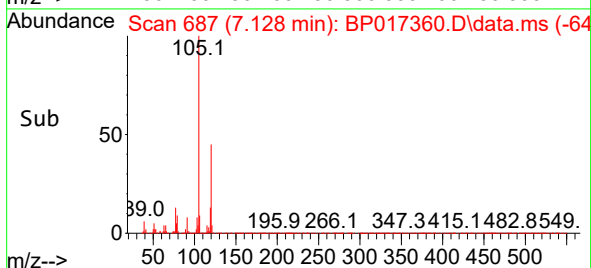
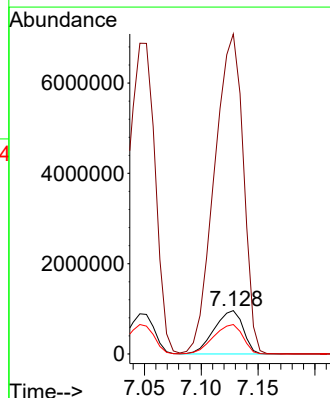
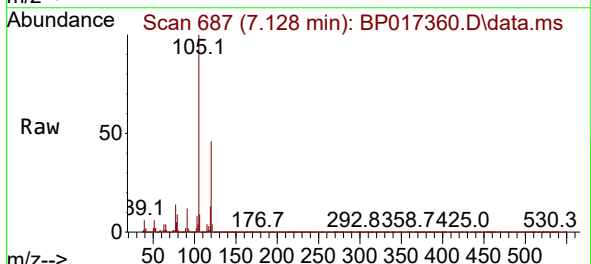
Instrument :
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 ClientSampleId :
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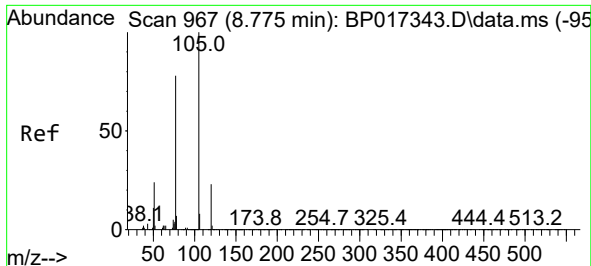
Tgt Ion: 79 Resp: 30101
 Ion Ratio Lower Upper
 79 100
 52 18.0 51.4 77.2#
 51 28.9 25.4 38.2



#6
 Benzaldehyde
 Concen: 336.861 ng/ul
 RT: 7.128 min Scan# 687
 Delta R.T. 0.041 min
 Lab File: BP017360.D
 Acq: 26 Sep 2023 14:11

Tgt Ion: 77 Resp: 1691294
 Ion Ratio Lower Upper
 77 100
 105 738.0 78.0 117.0#
 106 67.9 73.2 109.8#

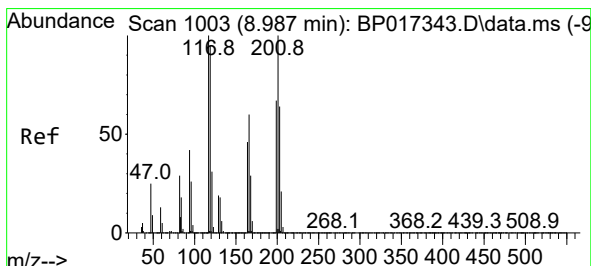
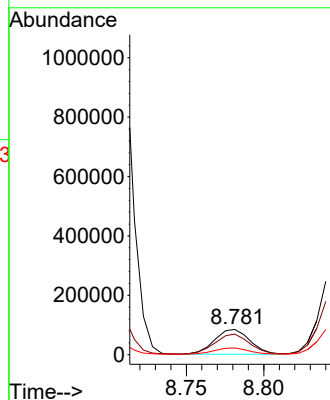
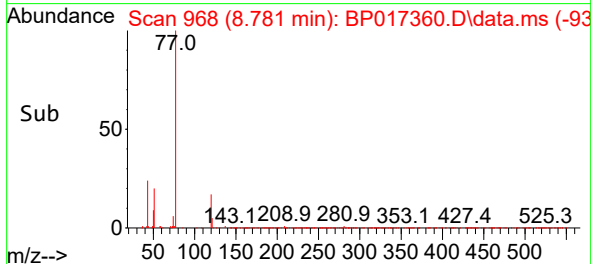
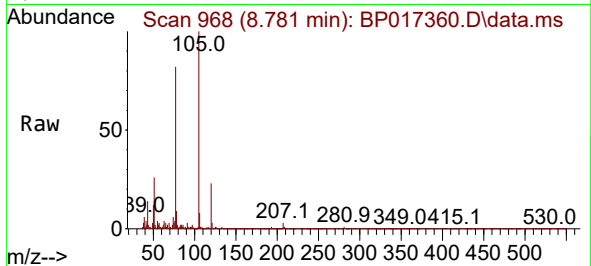




#16
Acetophenone
Concen: 11.247 ng/ul
RT: 8.781 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

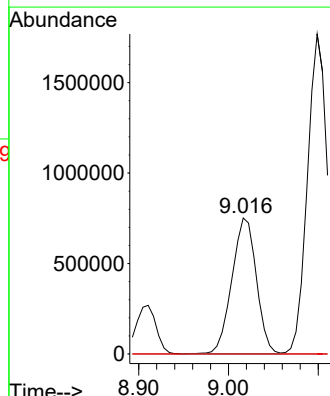
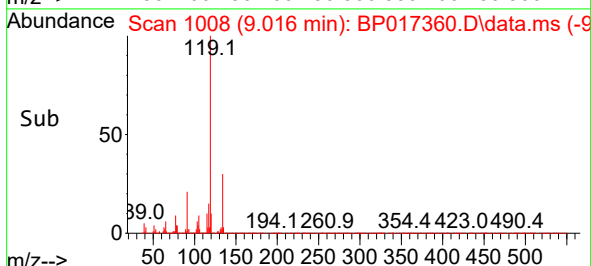
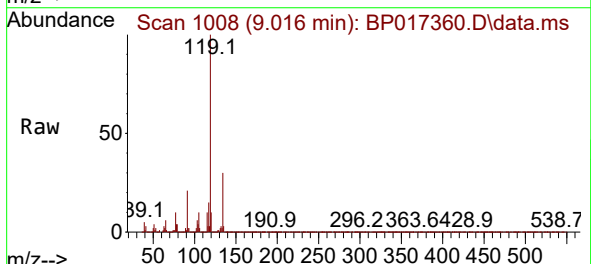
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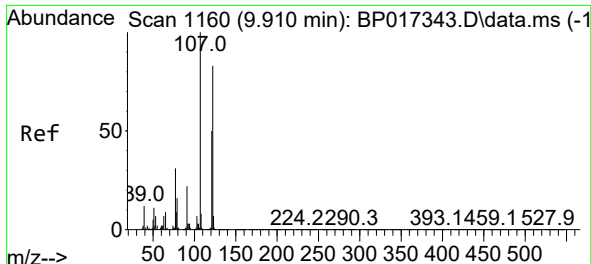
Tgt Ion:105 Resp: 132937
Ion Ratio Lower Upper
105 100
77 81.6 63.6 95.4
51 26.4 19.2 28.8



#19
Hexachloroethane
Concen: 431.910 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. 0.030 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

Tgt Ion:117 Resp: 1420809
Ion Ratio Lower Upper
117 100
201 0.0 81.4 122.0#
199 0.0 52.4 78.6#

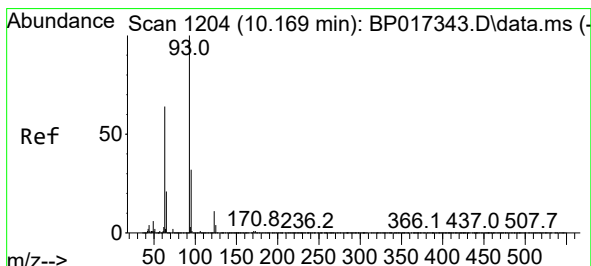
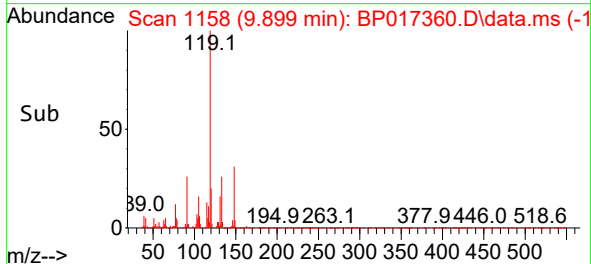
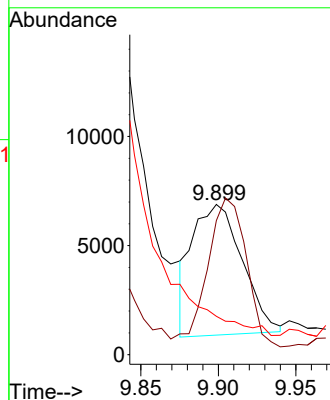
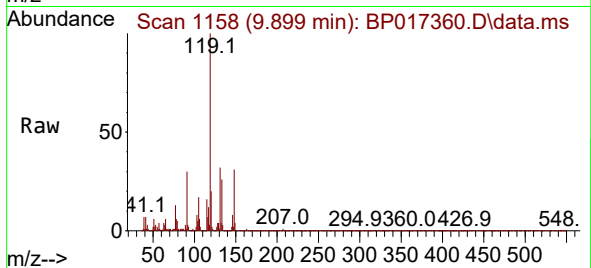




#26
2,4-Dimethylphenol
Concen: 1.505 ng/ul
RT: 9.899 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

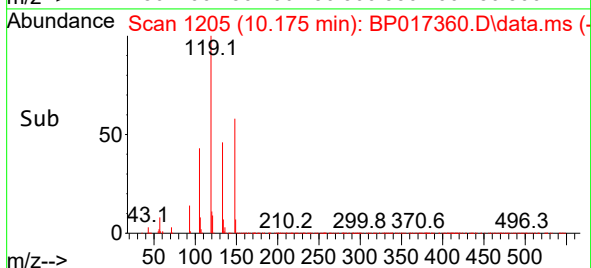
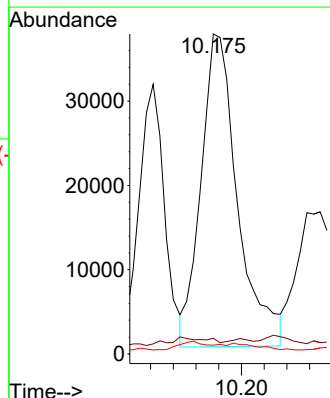
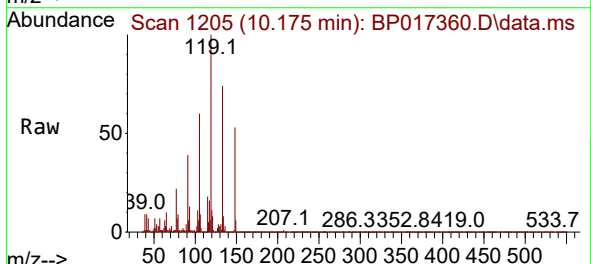
Instrument :
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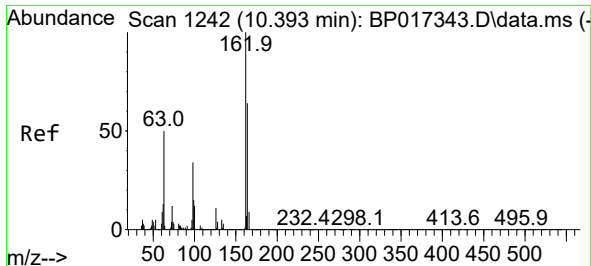
Tgt Ion:107 Resp: 13357
Ion Ratio Lower Upper
107 100
121 89.3 41.1 61.7#
122 25.6 69.4 104.0#



#27
Bis(2-Chloroethoxy)methane
Concen: 7.465 ng/ul
RT: 10.175 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

Tgt Ion: 93 Resp: 82939
Ion Ratio Lower Upper
93 100
95 4.9 24.9 37.3#
123 2.7 9.4 14.2#





#29

2,4-Dichlorophenol

Concen: 2.099 ng/ul

RT: 10.375 min Scan# 11

Delta R.T. -0.017 min

Lab File: BP017360.D

Acq: 26 Sep 2023 14:11

Instrument :

BNA_P

ClientSampleId :

BBKA6

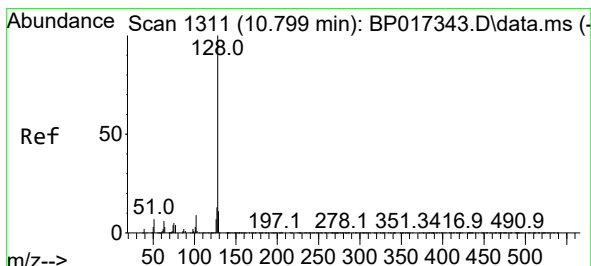
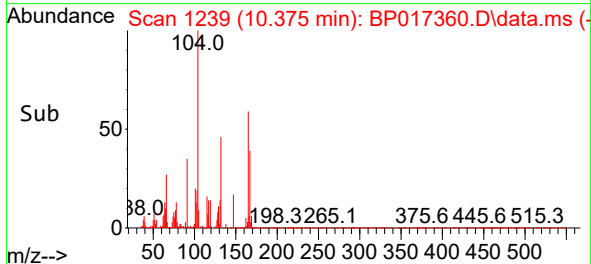
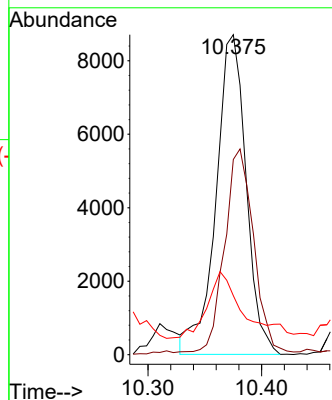
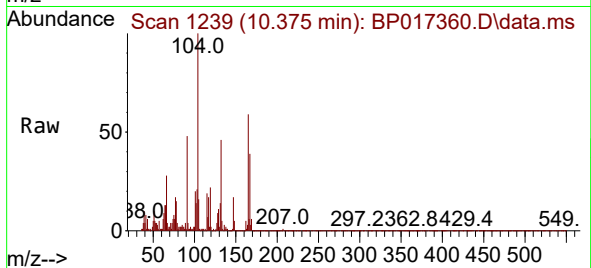
Tgt Ion:162 Resp: 16066

Ion Ratio Lower Upper

162 100

164 61.0 52.6 78.8

98 18.5 27.0 40.4#



#30

Naphthalene

Concen: 766.128 ng/ul

RT: 10.816 min Scan# 1314

Delta R.T. 0.018 min

Lab File: BP017360.D

Acq: 26 Sep 2023 14:11

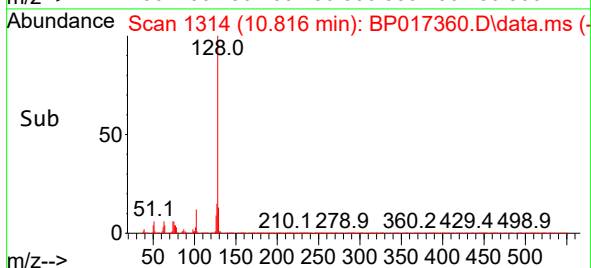
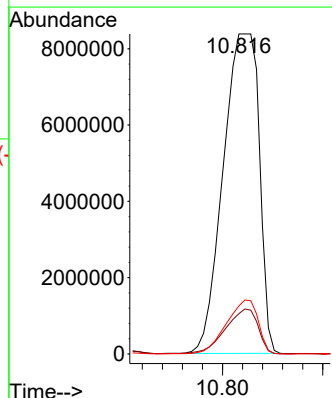
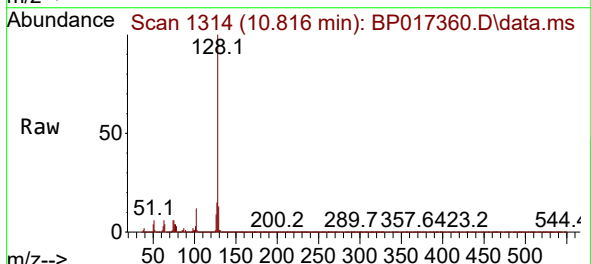
Tgt Ion:128 Resp:20885393

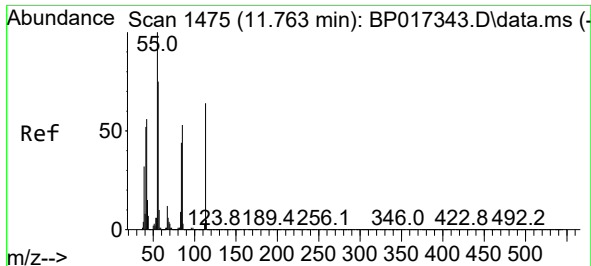
Ion Ratio Lower Upper

128 100

129 12.6 8.6 13.0

127 15.0 10.6 15.8

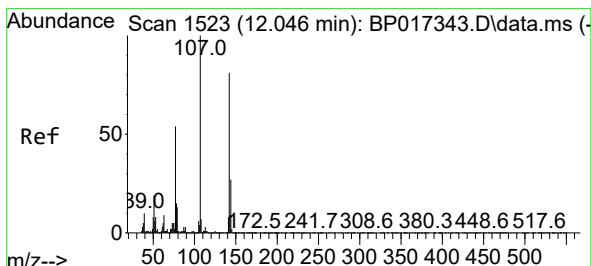
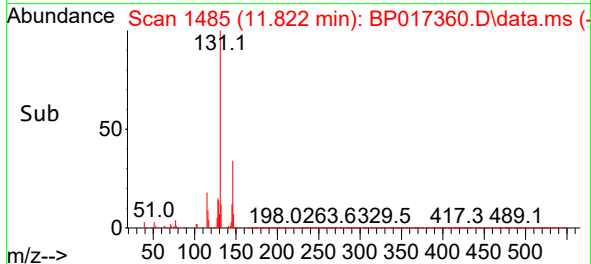
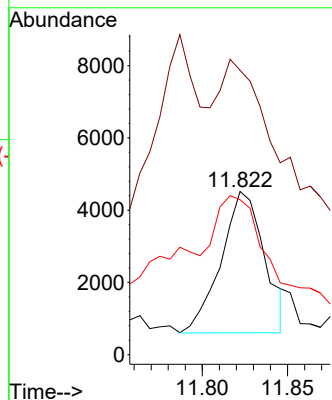
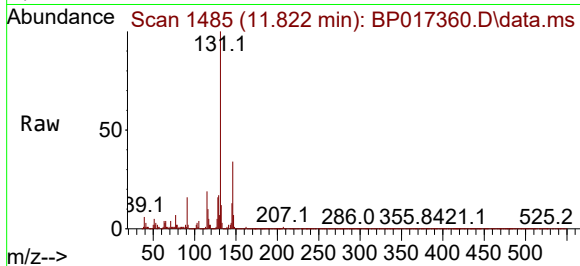




#34
Caprolactam
Concen: 3.133 ng/ul
RT: 11.822 min Scan# 1475
Delta R.T. 0.059 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

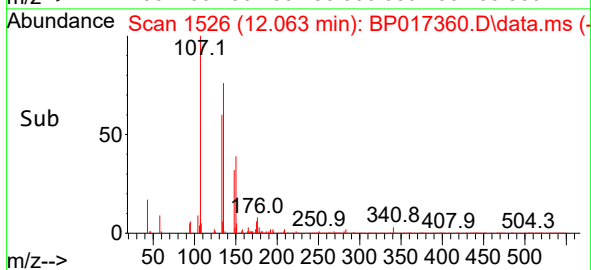
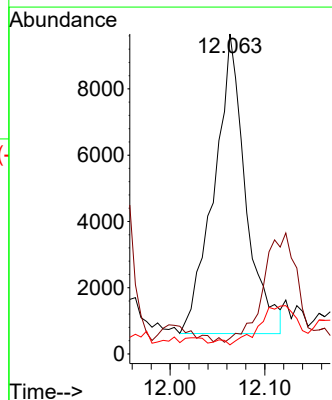
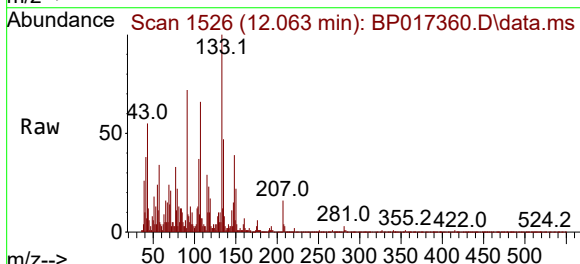
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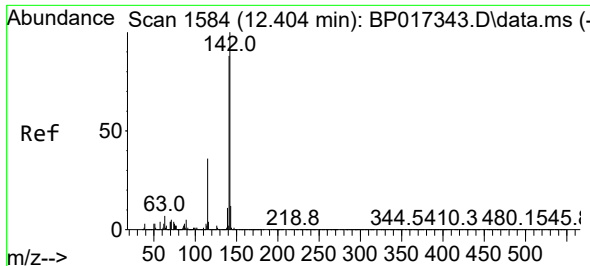
Tgt Ion:113 Resp: 6931
Ion Ratio Lower Upper
113 100
55 174.4 127.4 191.0
56 95.1 94.5 141.7



#35
4-Chloro-3-methylphenol
Concen: 2.726 ng/ul
RT: 12.063 min Scan# 1526
Delta R.T. 0.018 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

Tgt Ion:107 Resp: 20973
Ion Ratio Lower Upper
107 100
144 4.9 20.6 31.0#
142 2.9 62.9 94.3#

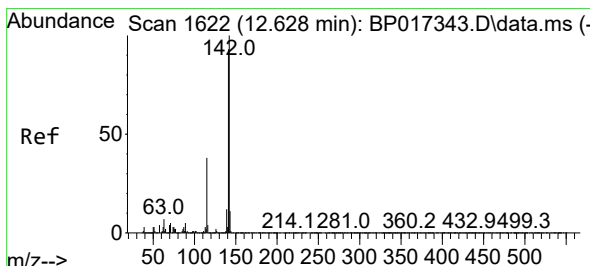
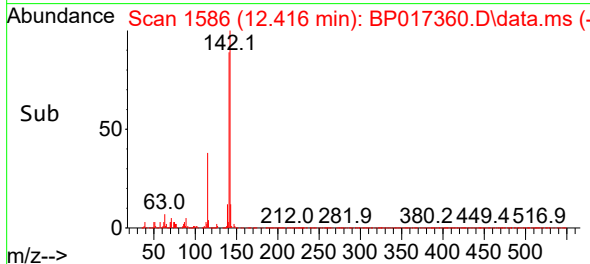
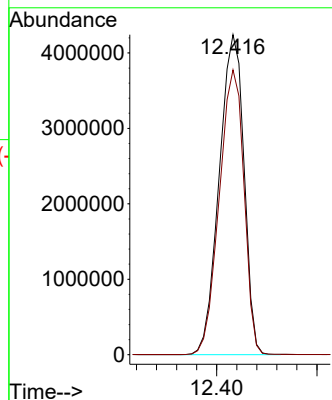
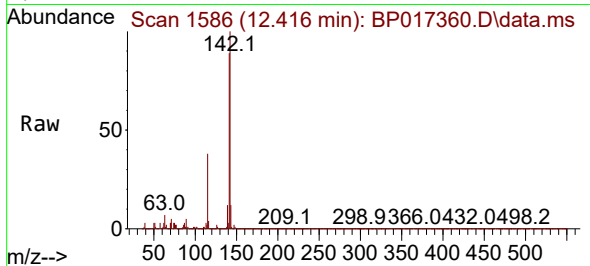




#36
2-Methylnaphthalene
Concen: 407.038 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. 0.012 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

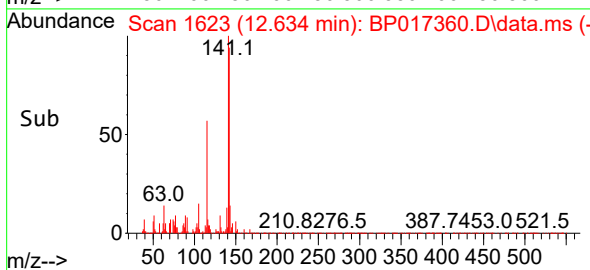
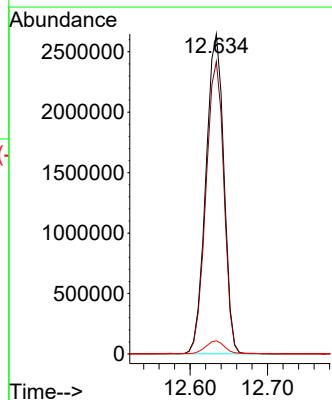
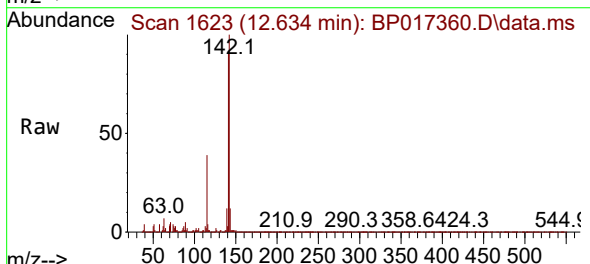
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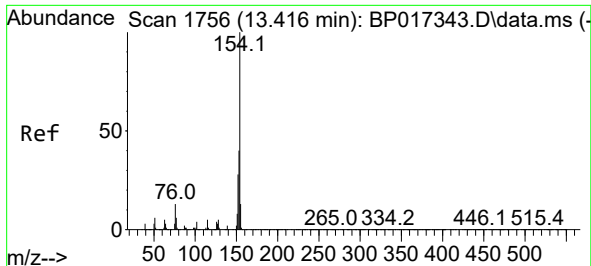
Tgt Ion:142 Resp: 7242263
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9



#37
1-Methylnaphthalene
Concen: 233.919 ng/ul
RT: 12.634 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

Tgt Ion:142 Resp: 4254556
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2
116 4.1 3.1 4.7

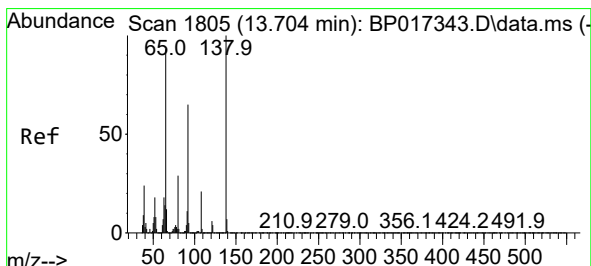
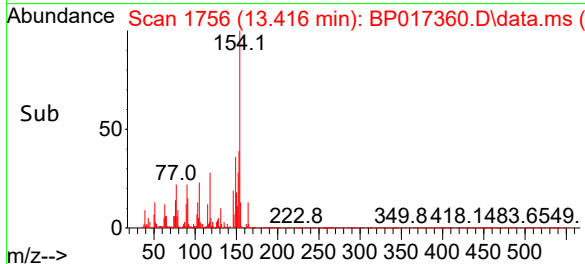
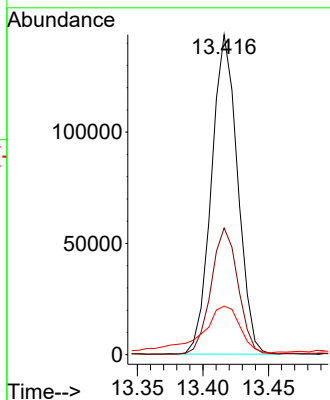
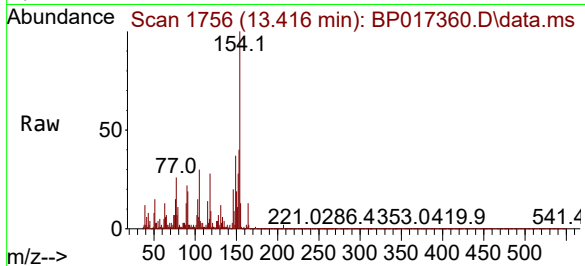




#43
1,1'-Biphenyl
Concen: 7.422 ng/ul
RT: 13.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

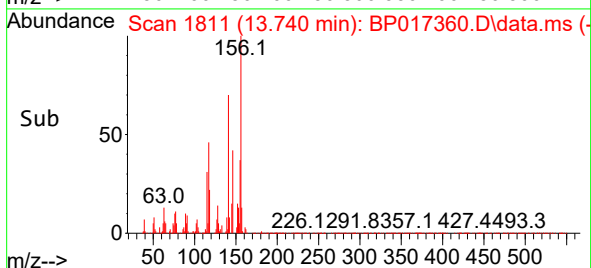
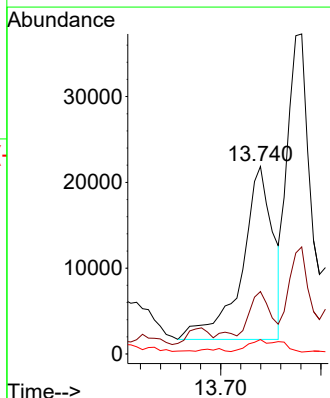
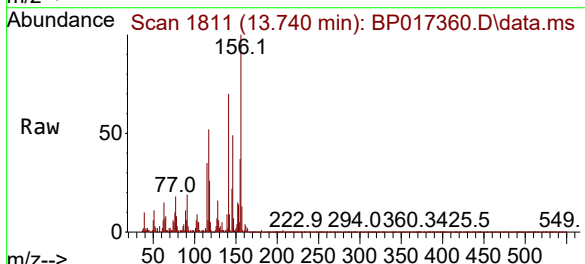
Instrument :
BNA_P
ClientSampleId :
BBKA6

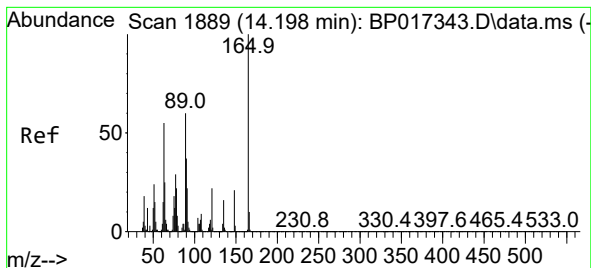
Tgt Ion:154 Resp: 198953
Ion Ratio Lower Upper
154 100
153 39.6 31.5 47.3
76 15.2 11.0 16.6



#45
2-Nitroaniline
Concen: 8.364 ng/ul
RT: 13.740 min Scan# 1811
Delta R.T. 0.035 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

Tgt Ion: 65 Resp: 43664
Ion Ratio Lower Upper
65 100
92 33.3 57.7 86.5#
138 7.7 83.5 125.3#





#48

2,6-Dinitrotoluene

Concen: 3.745 ng/ul

RT: 14.216 min Scan# 1892

Delta R.T. 0.018 min

Lab File: BP017360.D

Acq: 26 Sep 2023 14:11

Instrument :

BNA_P

ClientSampleId :

BBKA6

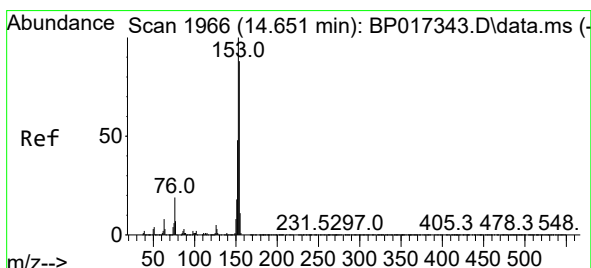
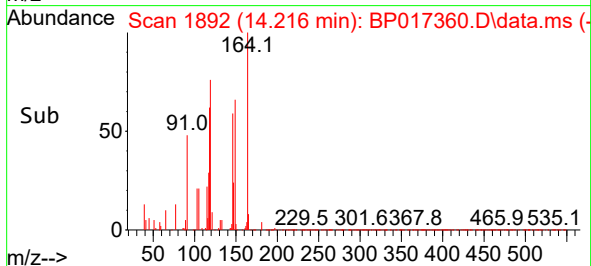
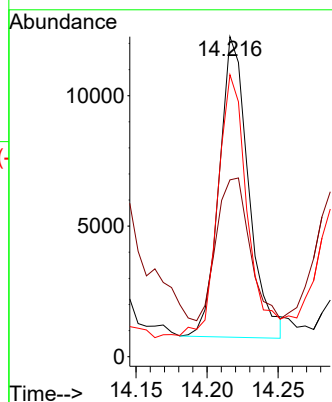
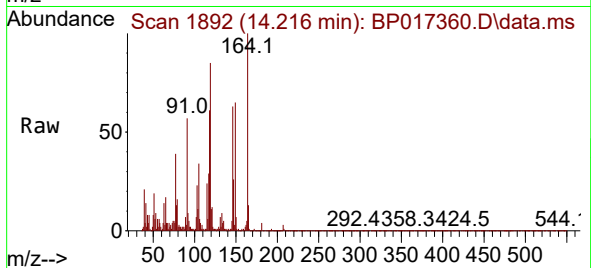
Tgt Ion:165 Resp: 16583

Ion Ratio Lower Upper

165 100

89 55.2 51.7 77.5

121 88.1 19.7 29.5#



#52

Acenaphthene

Concen: 2.413 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BP017360.D

Acq: 26 Sep 2023 14:11

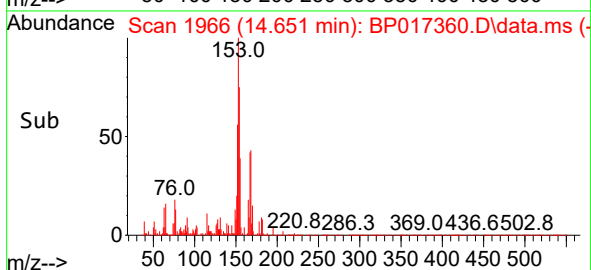
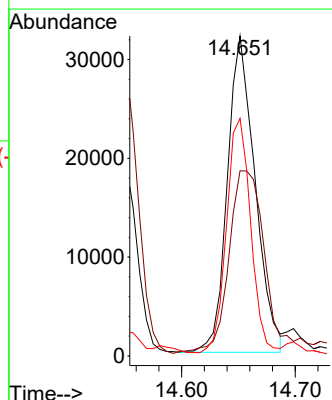
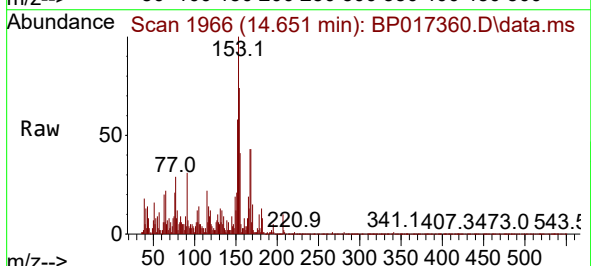
Tgt Ion:153 Resp: 54249

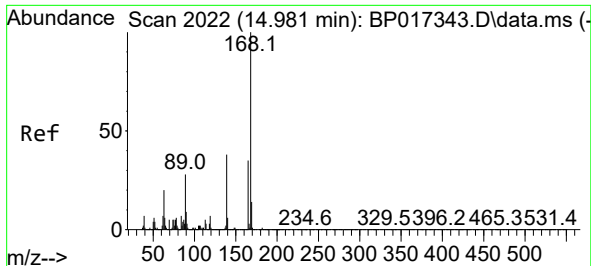
Ion Ratio Lower Upper

153 100

152 57.9 38.0 57.0#

154 74.2 70.1 105.1

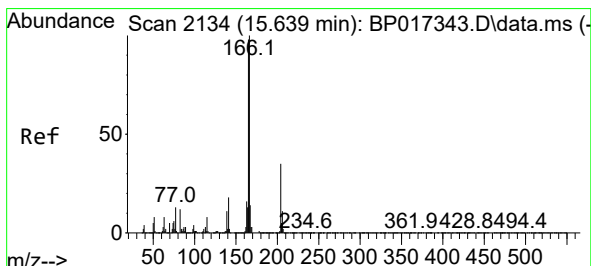
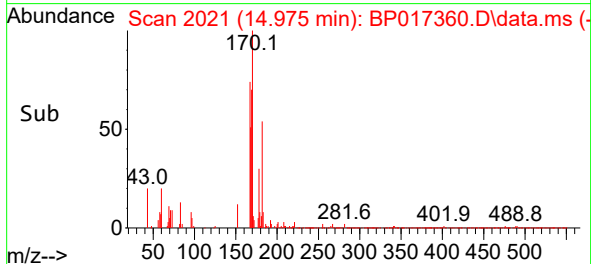
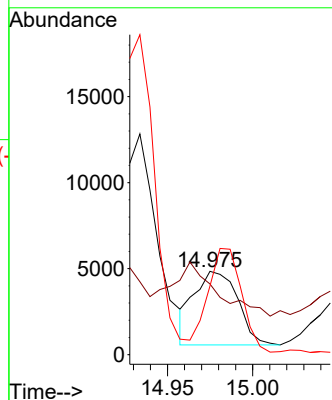
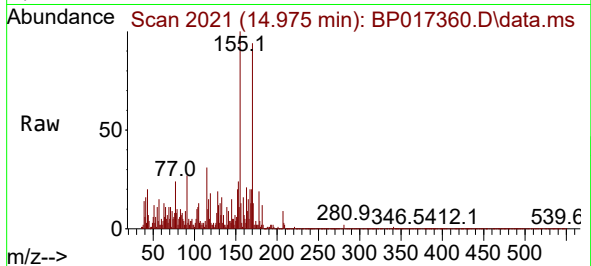




#57
2,4-Dinitrotoluene
Concen: 1.167 ng/ul
RT: 14.975 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

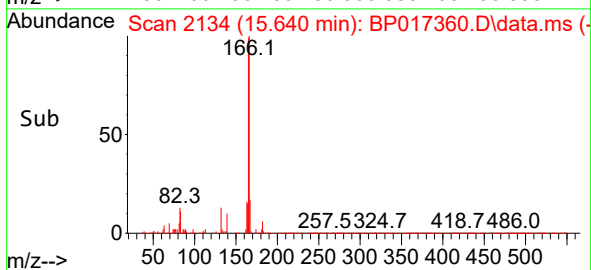
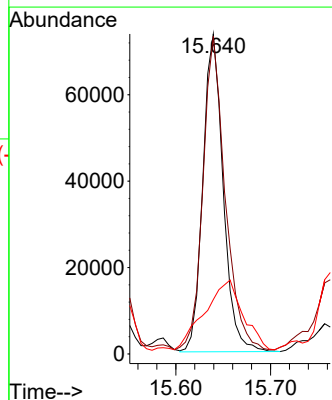
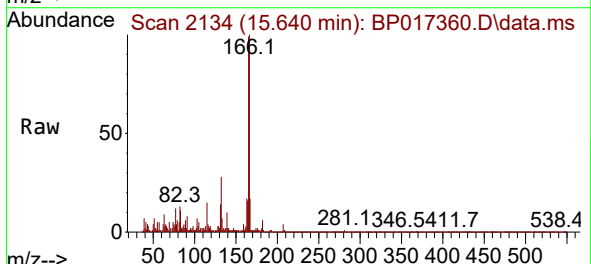
Instrument :
BNA_P
ClientSampleId :
BBKA6

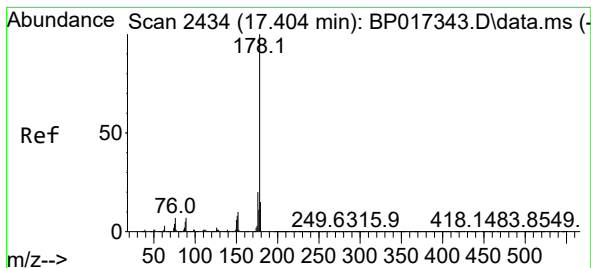
Tgt Ion:165 Resp: 7612
Ion Ratio Lower Upper
165 100
63 84.8 45.6 68.4#
182 82.3 2.0 3.0#



#61
Fluorene
Concen: 4.369 ng/ul
RT: 15.640 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP017360.D
Acq: 26 Sep 2023 14:11

Tgt Ion:166 Resp: 109271
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.6
167 17.0 10.9 16.3#





#72

Phenanthrene

Concen: 2.971 ng/ul

RT: 17.398 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP017360.D

Acq: 26 Sep 2023 14:11

Instrument :

BNA_P

ClientSampleId :

BBKA6

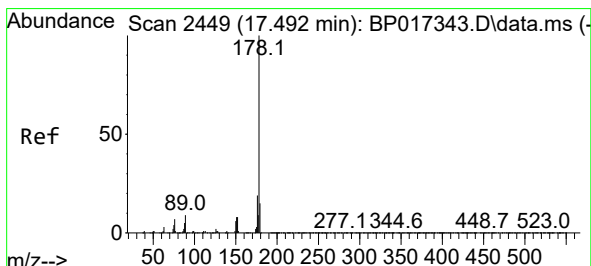
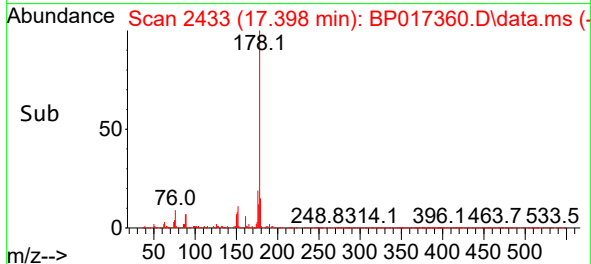
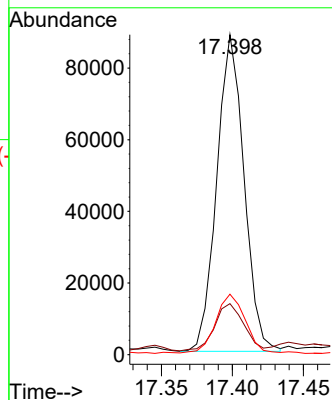
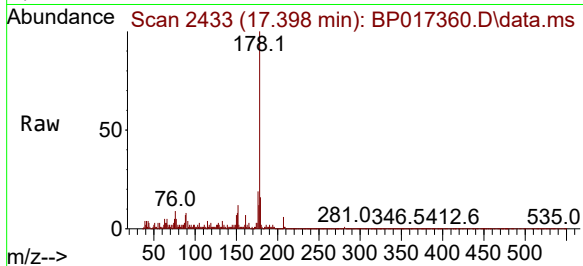
Tgt Ion:178 Resp: 118061

Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

176 18.9 15.8 23.6



#74

Anthracene

Concen: 2.935 ng/ul

RT: 17.398 min Scan# 2433

Delta R.T. -0.094 min

Lab File: BP017360.D

Acq: 26 Sep 2023 14:11

Tgt Ion:178 Resp: 118205

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 18.9 15.1 22.7

