

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018026.D
 Acq On : 10 Nov 2023 13:50
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020665

Quant Time: Nov 10 22:17:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	80570	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	343971	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	220037	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	508539	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	488281	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	531267	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	15052	6.395	ng/uL	0.00
4) Pyridine-d5	3.675	84	108164	17.682	ng/u1	0.00
7) Phenol-d5	7.028	99	142665	18.842	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	83366	18.176	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	112617	18.589	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	118495	19.512	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	56939	18.485	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	65579	19.129	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	117214	19.086	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.857	131	157753	18.744	ng/u1	-0.01
46) Dimethylphthalate-d6	13.957	166	360567	17.826	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	409617	18.889	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	55156	18.618	ng/u1	0.00
60) Fluorene-d10	15.540	176	306437	18.278	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	55682	15.681	ng/u1	0.00
73) Anthracene-d10	17.416	188	497409	18.255	ng/u1	0.00
81) Pyrene-d10	19.669	212	596114	18.969	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	561557	18.185	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	17089	6.444	ng/uL	96
5) Pyridine	3.693	79	110910	17.662	ng/u1	96
6) Benzaldehyde	7.028	77	91530	21.962	ng/u1	98
8) Phenol	7.058	94	140967	18.907	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.305	93	111013	18.865	ng/u1	98
12) 2-Chlorophenol	7.416	128	112337	18.229	ng/u1	99
13) 2-Methylphenol	8.316	108	109568	19.608	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	65037	9.536	ng/u1	95
16) Acetophenone	8.716	105	183705	18.918	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	98725	18.563	ng/u1	99
18) 4-Methylphenol	8.652	108	114321	18.865	ng/u1	98
19) Hexachloroethane	8.916	117	52388	17.784	ng/u1	93
22) Nitrobenzene	9.110	77	155689	18.576	ng/u1	94
23) Isophorone	9.616	82	273873	18.456	ng/u1	99
25) 2-Nitrophenol	9.810	139	67326	19.099	ng/u1	97
26) 2,4-Dimethylphenol	9.857	107	135846	18.027	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.110	93	150180	17.926	ng/u1	100
29) 2,4-Dichlorophenol	10.334	162	111592	18.949	ng/u1	99
30) Naphthalene	10.734	128	379017	18.173	ng/u1	100
32) 4-Chloroaniline	10.887	127	152160	18.898	ng/u1	99
33) Hexachlorobutadiene	10.952	225	78469	17.935	ng/u1	96
34) Caprolactam	11.716	113	35303	19.179	ng/u1	95
35) 4-Chloro-3-methylphenol	11.999	107	133683	19.065	ng/u1	98
36) 2-Methylnaphthalene	12.346	142	256846	18.017	ng/u1	96

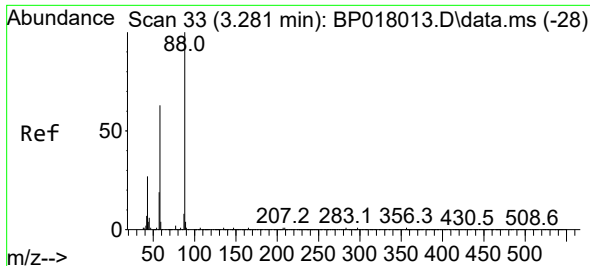
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	263964	18.176	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.698	216	136265	18.263	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	44828	12.567	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	92493	18.977	ng/ul	96
42) 2,4,5-Trichlorophenol	13.040	196	95806	18.367	ng/ul	96
43) 1,1'-Biphenyl	13.369	154	344842	18.431	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	275203	18.594	ng/ul	98
45) 2-Nitroaniline	13.669	65	96167	20.539	ng/ul	95
47) Dimethylphthalate	14.004	163	359092	17.598	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	72741	18.984	ng/ul	90
50) Acenaphthylene	14.263	152	460769	18.554	ng/ul	98
51) 3-Nitroaniline	14.504	138	74327	20.713	ng/ul	99
52) Acenaphthene	14.604	153	304058	18.425	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	27987	13.577	ng/ul	90
55) 4-Nitrophenol	14.804	109	76099	18.961	ng/ul	97
56) Dibenzofuran	14.940	168	421792	18.516	ng/ul	97
57) 2,4-Dinitrotoluene	14.951	165	114015	19.455	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	88103	19.402	ng/ul	99
59) Diethylphthalate	15.363	149	376057	11.451	ng/ul	99
61) Fluorene	15.592	166	350851	18.262	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.587	204	170555	18.085	ng/ul	96
63) 4-Nitroaniline	15.681	138	71587	21.068	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.710	198	59555	16.010	ng/ul	97
67) N-Nitrosodiphenylamine	15.816	169	291992	17.928	ng/ul	98
68) 4-Bromophenyl-phenylether	16.492	248	101293	18.243	ng/ul	97
69) Hexachlorobenzene	16.575	284	116211	18.463	ng/ul	98
70) Atrazine	16.775	200	104259	18.498	ng/ul	95
71) Pentachlorophenol	16.945	266	69429	17.899	ng/ul	98
72) Phenanthrene	17.363	178	569268	17.984	ng/ul	99
74) Anthracene	17.451	178	585019	18.280	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.322	216	141425	18.536	ng/uL	97
76) Pentachlorobenzene	14.834	250	136741	18.238	ng/uL	97
77) Carbazole	17.751	167	517434	18.724	ng/ul	99
78) Di-n-butylphthalate	18.251	149	633139	17.035	ng/ul	98
80) Fluoranthene	19.339	202	684572	18.821	ng/ul	100
82) Pyrene	19.698	202	721909	18.779	ng/ul	99
83) Butylbenzylphthalate	20.569	149	305848	18.373	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.375	252	219758	18.993	ng/ul	99
85) Benzo(a)anthracene	21.427	228	717397	18.275	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	416384	17.838	ng/ul	100
87) Chrysene	21.486	228	666812	18.035	ng/ul	100
89) Di-n-octyl phthalate	22.269	149	718420	17.816	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	697004	18.255	ng/ul	98
91) Benzo(k)fluoranthene	23.227	252	672216	17.639	ng/ul	98
93) Benzo(a)pyrene	23.845	252	648087	18.007	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.633	276	772766	18.116	ng/ul	98
95) Dibenzo(a,h)anthracene	26.651	278	642755	18.225	ng/ul	97
96) Benzo(g,h,i)perylene	27.462	276	624030	18.331	ng/ul	99

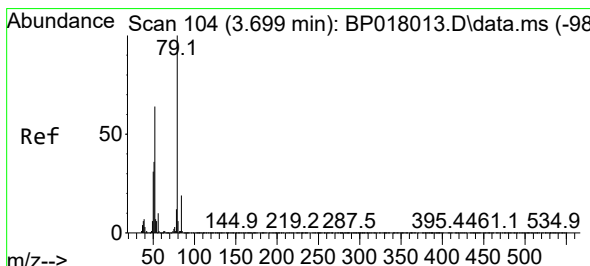
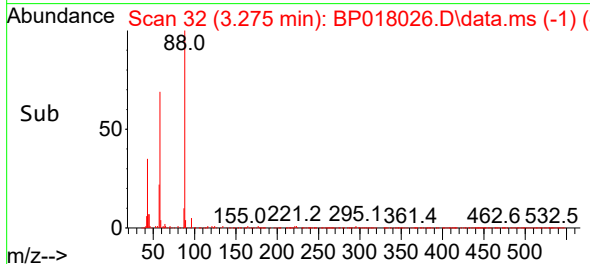
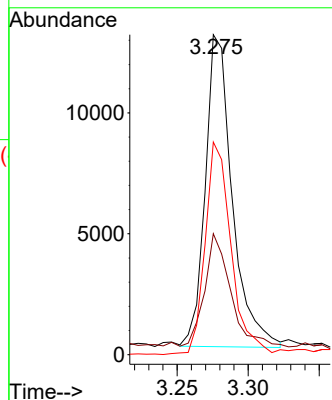
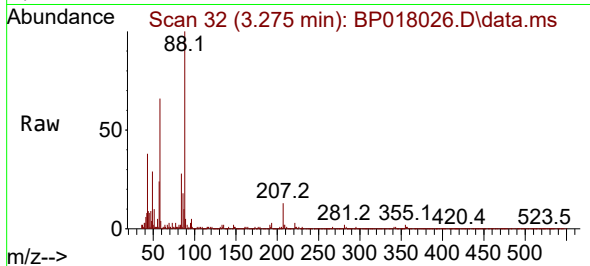
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#2
1,4-Dioxane
Concen: 6.444 ng/uL
RT: 3.275 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP018026.D
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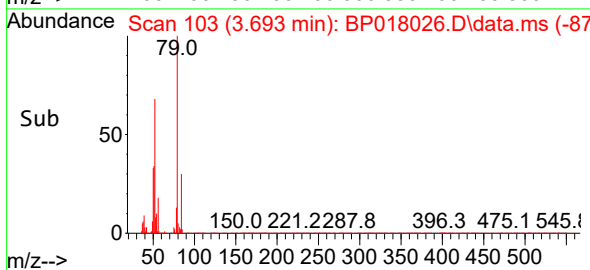
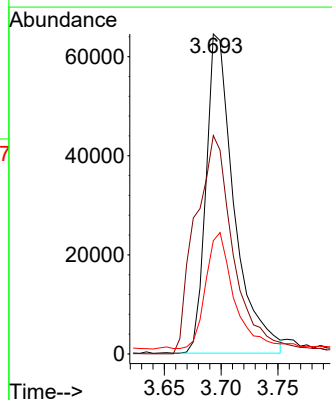
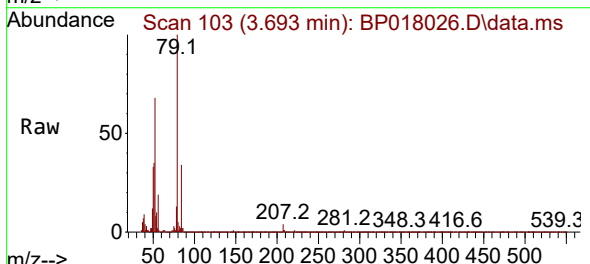
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BNA_P
ClientSampleId :
SSTD020665

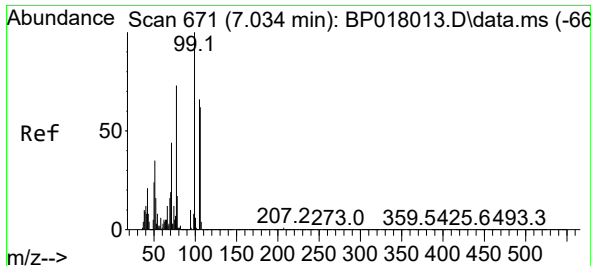
Tgt Ion: 88 Resp: 17089
Ion Ratio Lower Upper
88 100
43 37.8 26.3 39.5
58 66.5 54.0 81.0



#5
Pyridine
Concen: 17.662 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion: 79 Resp: 110910
Ion Ratio Lower Upper
79 100
52 68.2 56.8 85.2
51 35.4 30.9 46.3

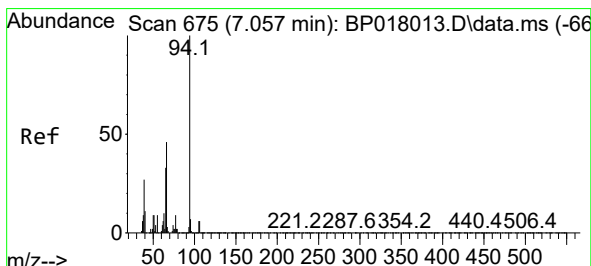
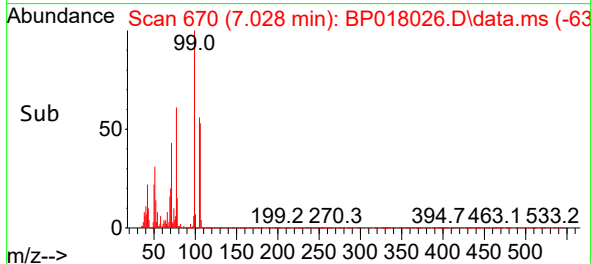
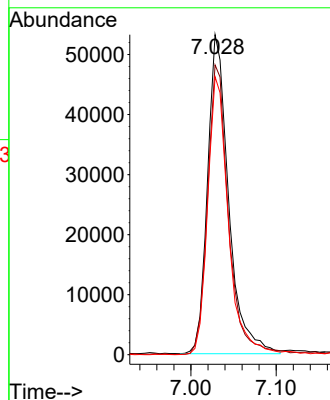
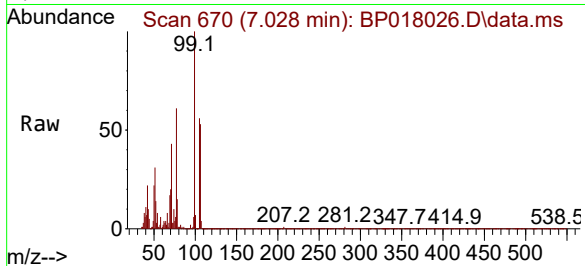




#6
Benzaldehyde
Concen: 21.962 ng/ul
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

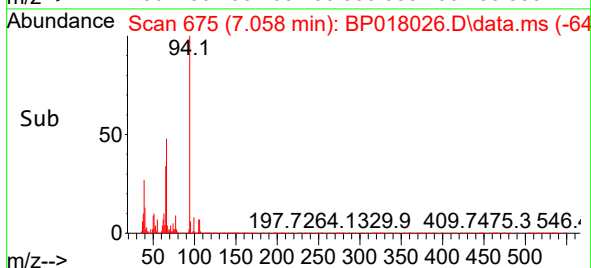
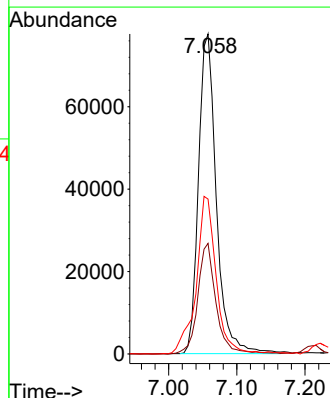
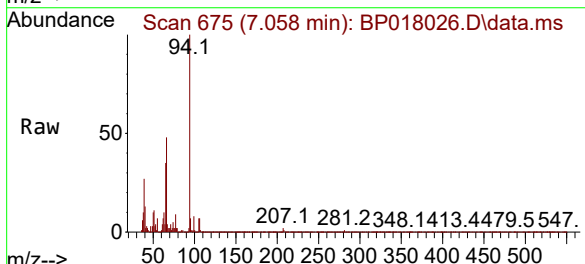
Instrument :
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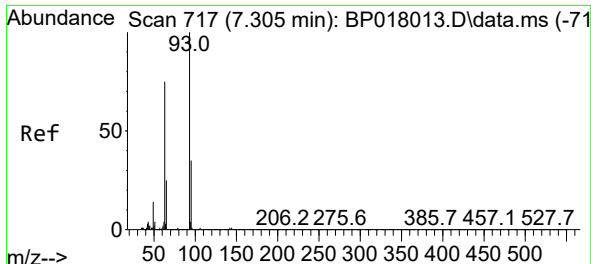
Tgt Ion: 77 Resp: 91530
Ion Ratio Lower Upper
77 100
105 90.5 75.8 113.6
106 86.8 69.6 104.4



#8
Phenol
Concen: 18.907 ng/ul
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion: 94 Resp: 140967
Ion Ratio Lower Upper
94 100
65 34.5 26.5 39.7
66 48.4 37.0 55.6

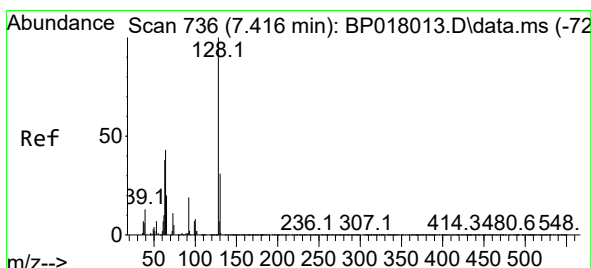
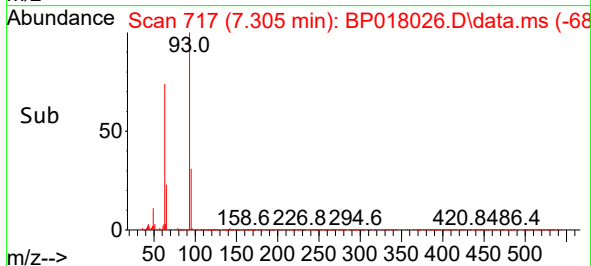
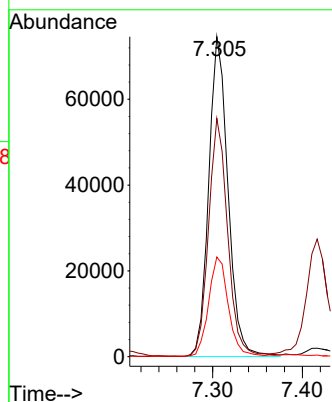
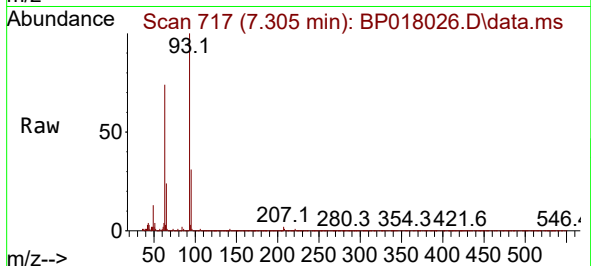




#10
Bis(2-Chloroethyl)ether
Concen: 18.865 ng/ul
RT: 7.305 min Scan# 717
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

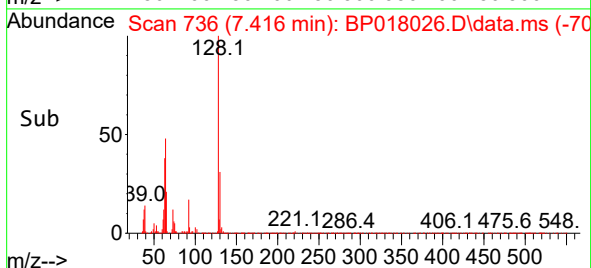
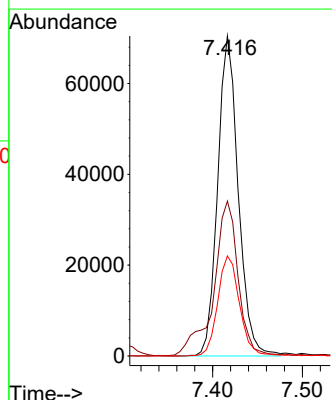
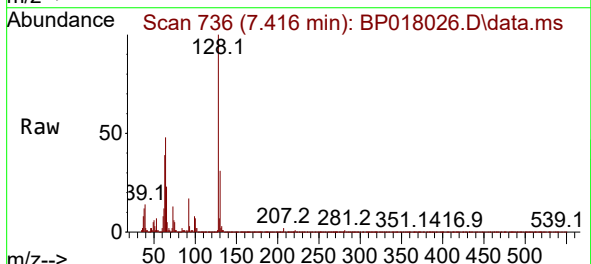
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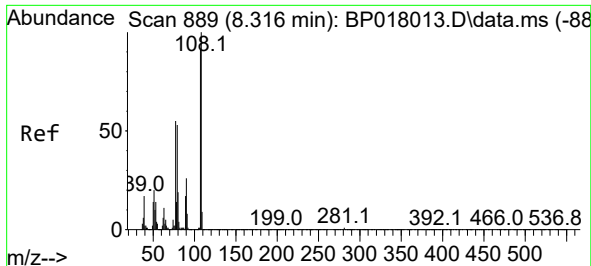
Tgt Ion: 93 Resp: 111013
Ion Ratio Lower Upper
93 100
63 74.5 58.3 87.5
95 31.2 25.9 38.9



#12
2-Chlorophenol
Concen: 18.229 ng/ul
RT: 7.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:128 Resp: 112337
Ion Ratio Lower Upper
128 100
64 48.4 38.9 58.3
130 31.2 25.9 38.9

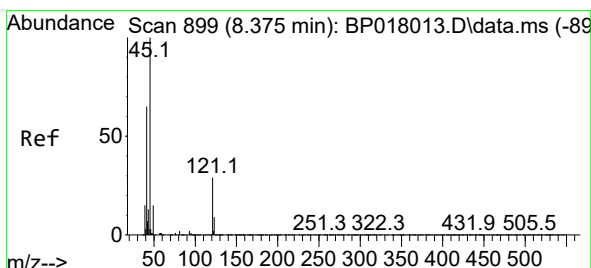
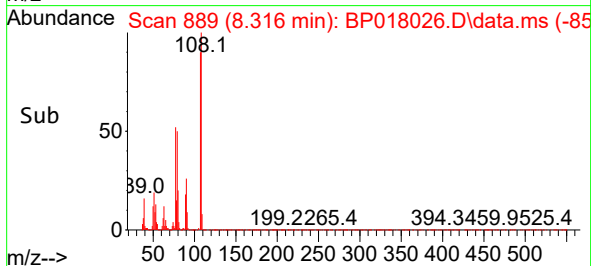
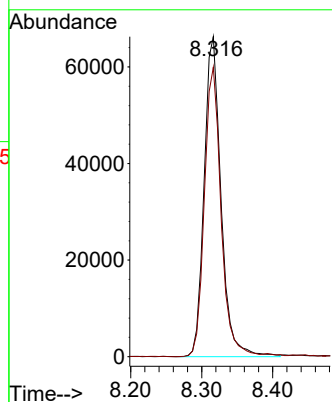
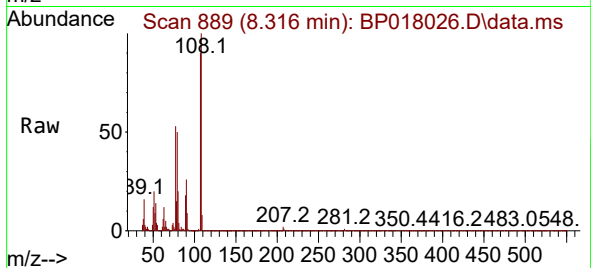




#13
2-Methylphenol
Concen: 19.608 ng/ul
RT: 8.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

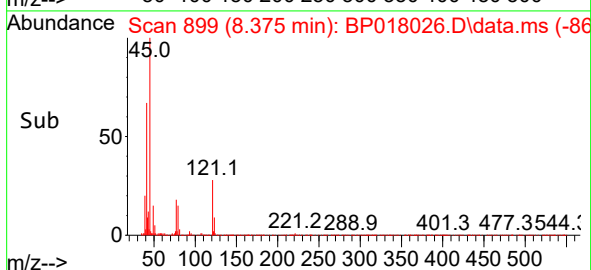
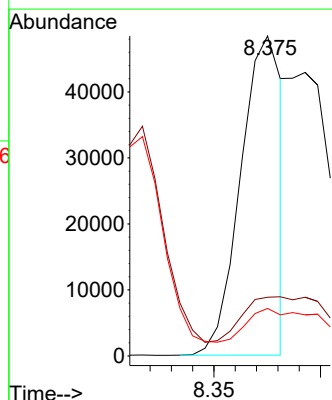
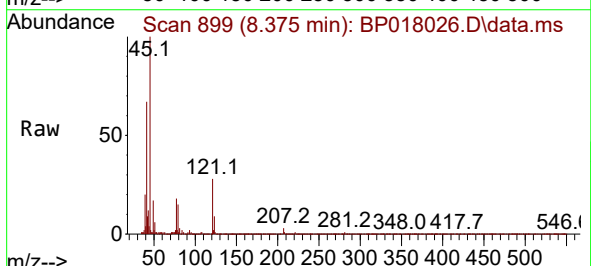
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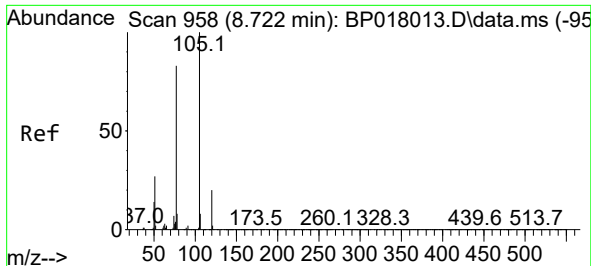
Tgt Ion:108 Resp: 109568
Ion Ratio Lower Upper
108 100
107 90.5 74.0 111.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 9.536 ng/ul
RT: 8.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion: 45 Resp: 65037
Ion Ratio Lower Upper
45 100
77 18.3 16.6 24.8
79 14.9 10.6 16.0

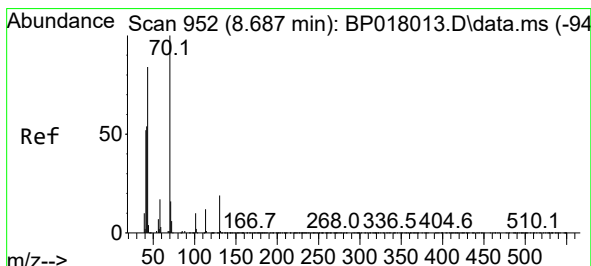
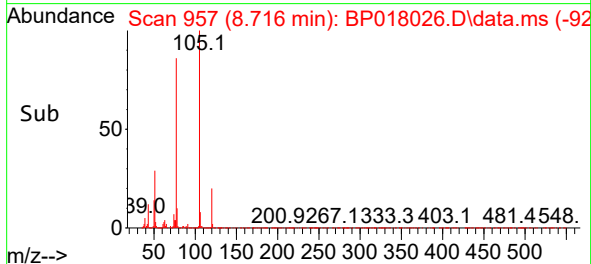
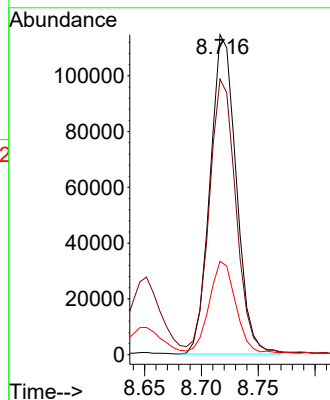
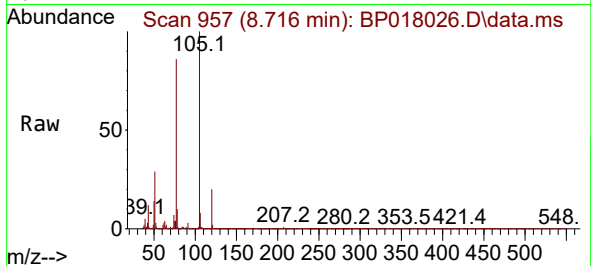




#16
Acetophenone
Concen: 18.918 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.006 min
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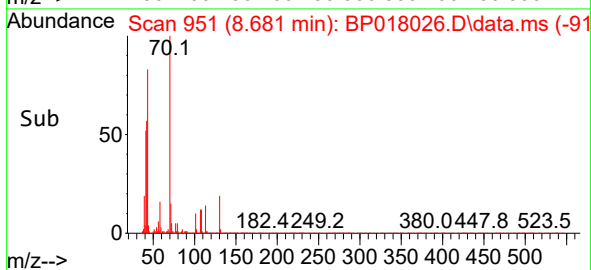
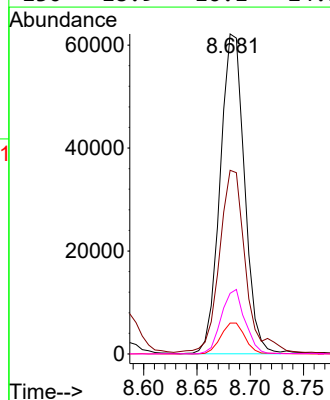
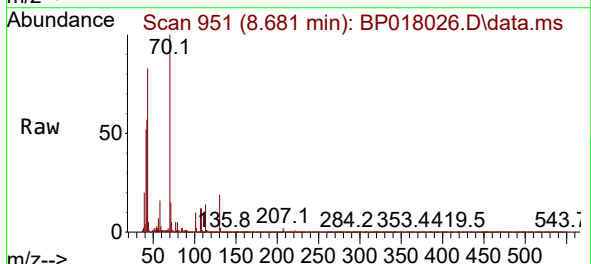
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ClientSampleId :
SSTD020665

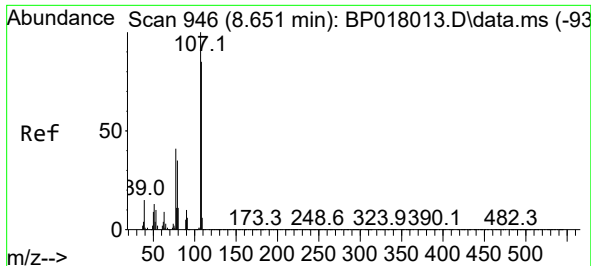
Tgt Ion:105 Resp: 183705
Ion Ratio Lower Upper
105 100
77 86.1 68.2 102.4
51 29.2 24.1 36.1



#17
N-Nitroso-di-n-propylamine
Concen: 18.563 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion: 70 Resp: 98725
Ion Ratio Lower Upper
70 100
42 57.4 46.7 70.1
101 9.7 7.7 11.5
130 18.9 16.1 24.1

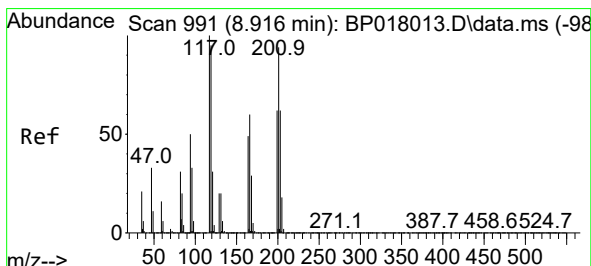
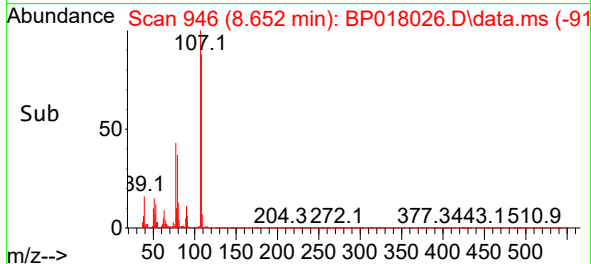
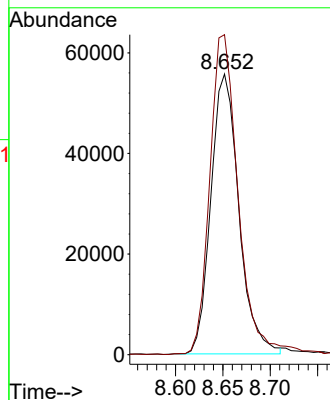
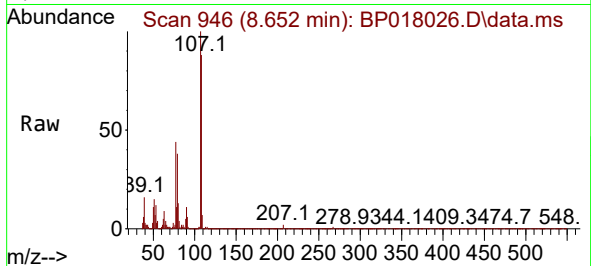




#18
4-Methylphenol
Concen: 18.865 ng/ul
RT: 8.652 min Scan# 946
Delta R.T. 0.000 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

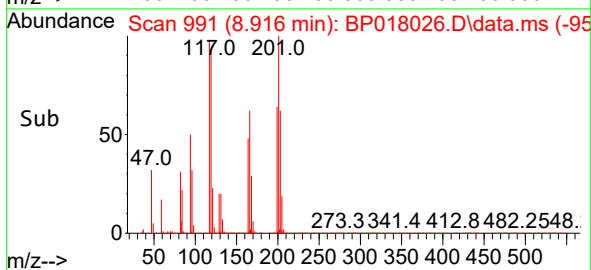
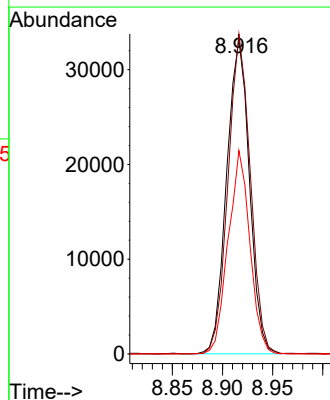
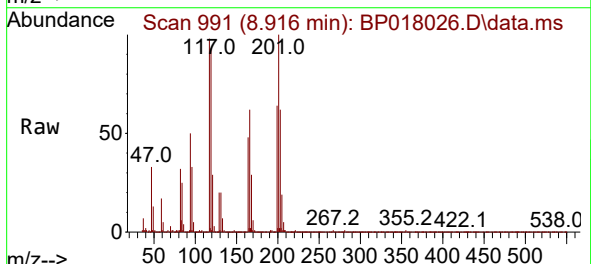
Instrument :
BNA_P
ClientSampleId :
SSTD020665

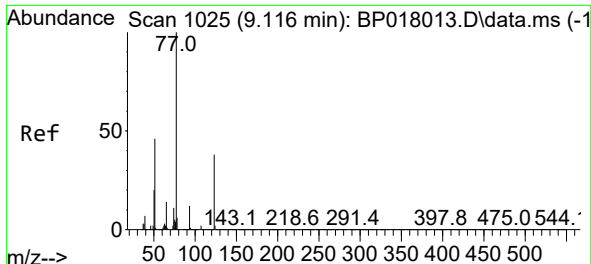
Tgt Ion:108 Resp: 114321
Ion Ratio Lower Upper
108 100
107 114.0 93.1 139.7



#19
Hexachloroethane
Concen: 17.784 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:117 Resp: 52388
Ion Ratio Lower Upper
117 100
201 101.8 76.0 114.0
199 64.7 47.6 71.4

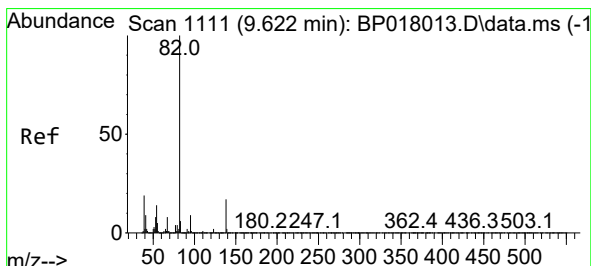
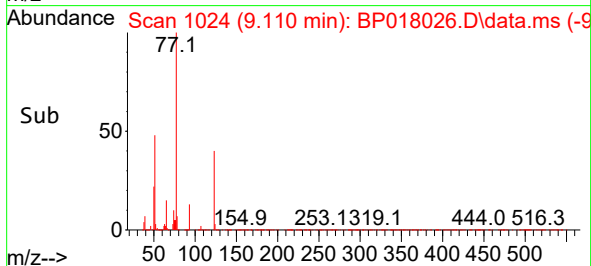
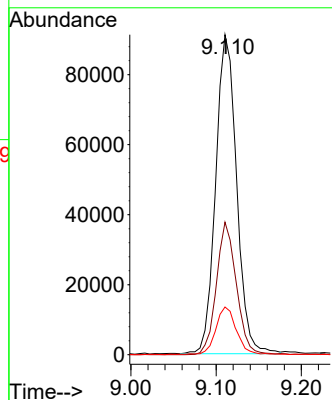
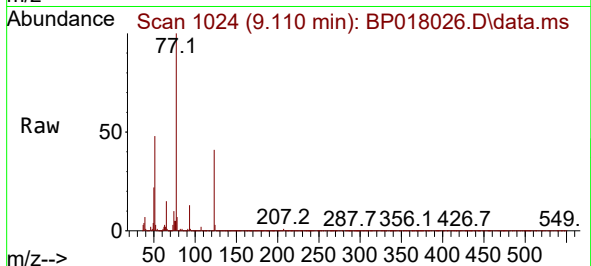




#22
Nitrobenzene
Concen: 18.576 ng/ul
RT: 9.110 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

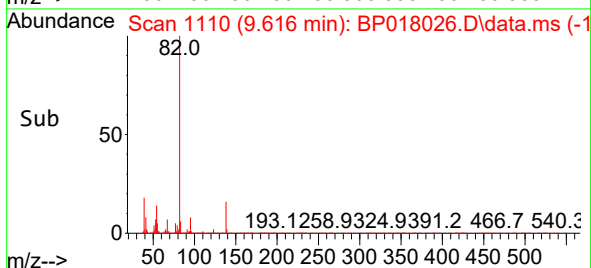
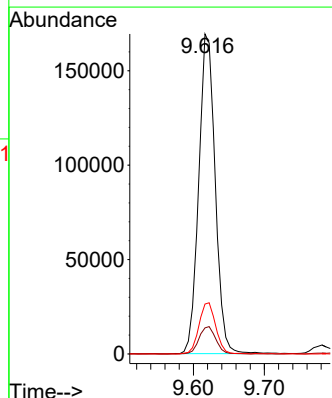
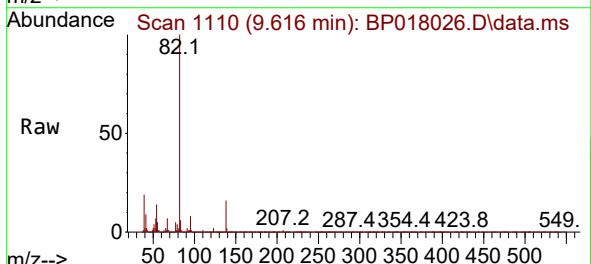
Instrument :
BNA_P
ClientSampleId :
SSTD020665

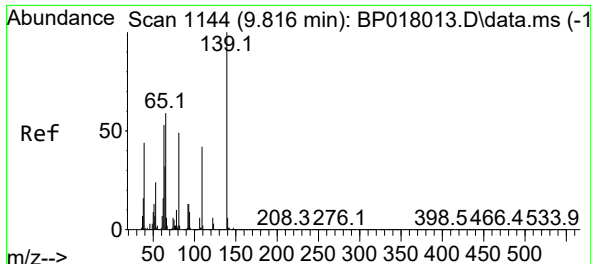
Tgt Ion: 77 Resp: 155689
Ion Ratio Lower Upper
77 100
123 41.4 29.4 44.2
65 14.9 11.4 17.2



#23
Isophorone
Concen: 18.456 ng/ul
RT: 9.616 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion: 82 Resp: 273873
Ion Ratio Lower Upper
82 100
95 8.1 7.5 11.3
138 15.6 12.5 18.7

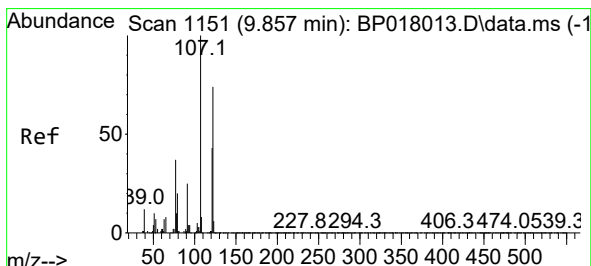
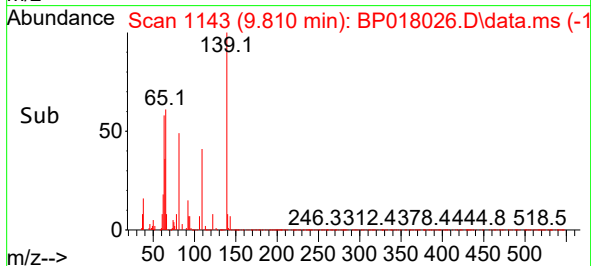
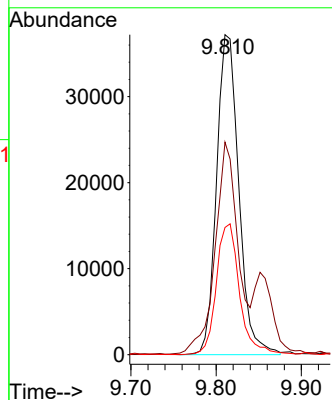
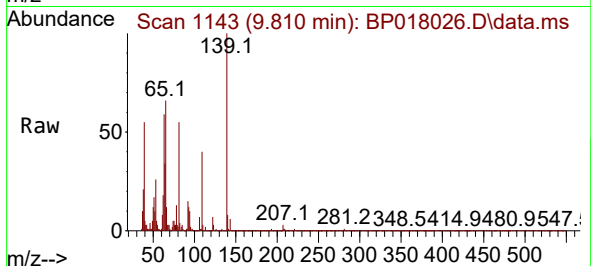




#25
2-Nitrophenol
Concen: 19.099 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

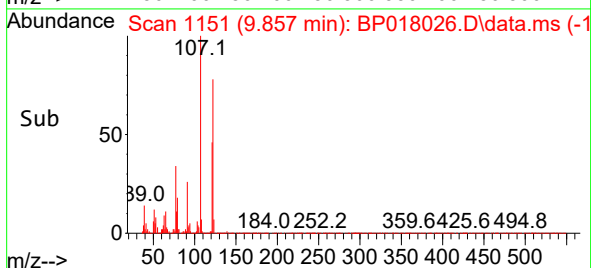
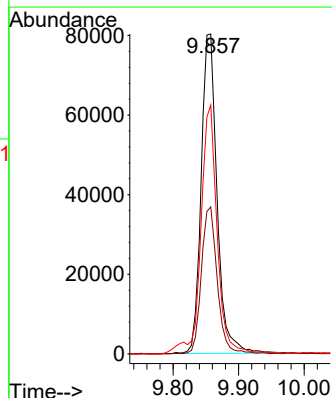
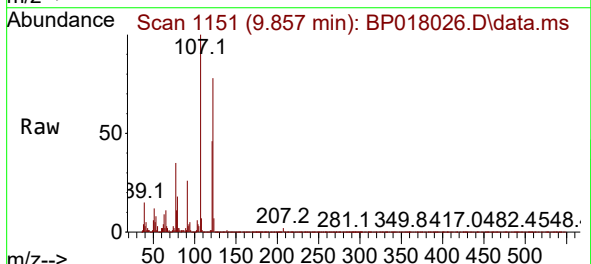
Instrument :
BNA_P
ClientSampleId :
SSTD020665

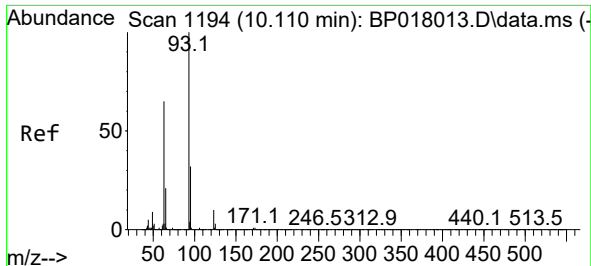
Tgt Ion:139 Resp: 67326
Ion Ratio Lower Upper
139 100
65 66.4 51.6 77.4
109 39.8 33.3 49.9



#26
2,4-Dimethylphenol
Concen: 18.027 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:107 Resp: 135846
Ion Ratio Lower Upper
107 100
121 45.9 37.8 56.6
122 77.7 62.2 93.2





#27

Bis(2-Chloroethoxy)methane

Concen: 17.926 ng/ul

RT: 10.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

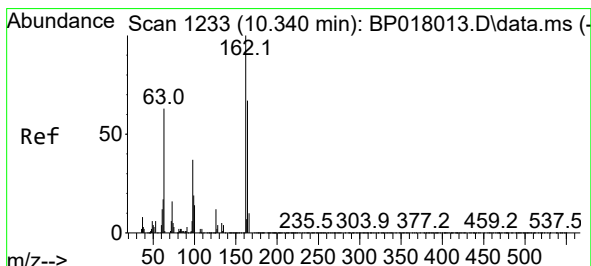
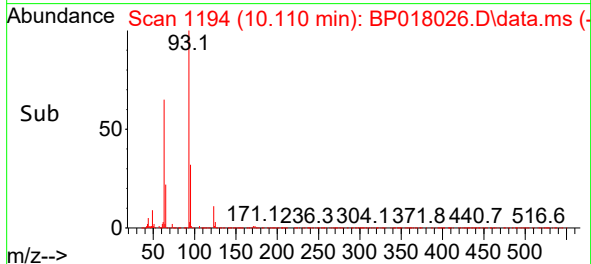
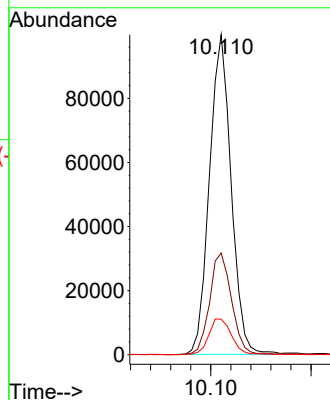
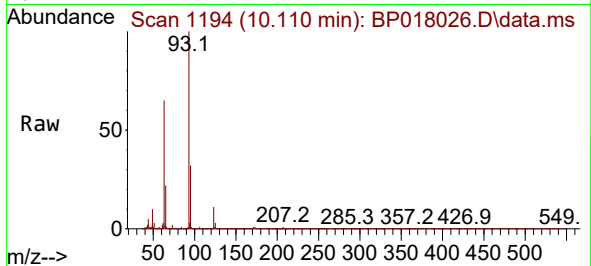
Tgt Ion: 93 Resp: 150180

Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.2

123 11.1 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 18.949 ng/ul

RT: 10.334 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

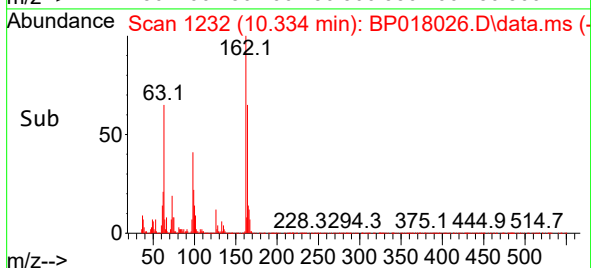
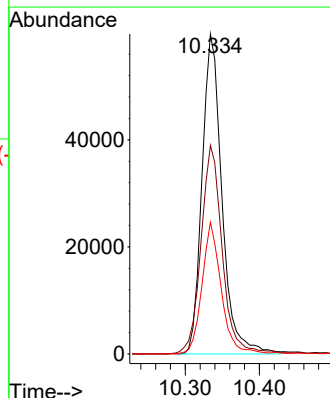
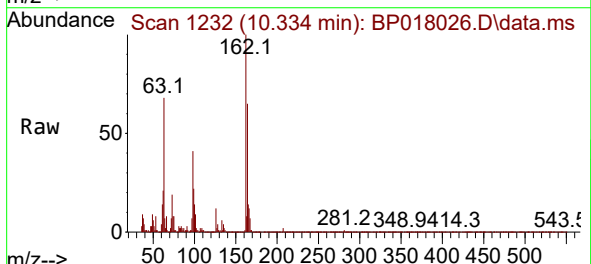
Tgt Ion:162 Resp: 111592

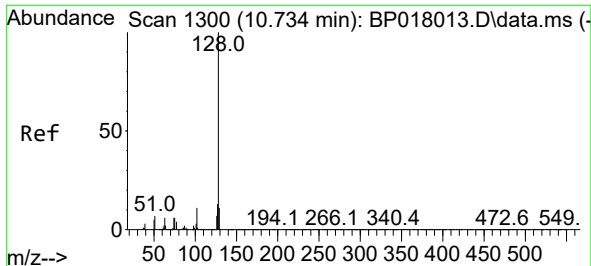
Ion Ratio Lower Upper

162 100

164 65.2 51.0 76.6

98 41.2 32.6 48.8

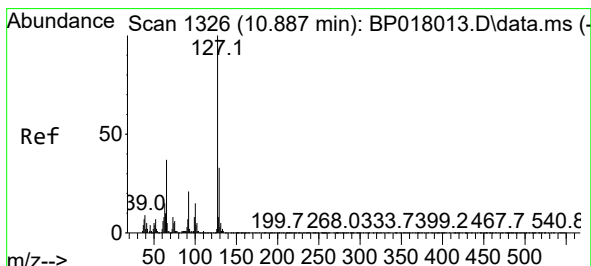
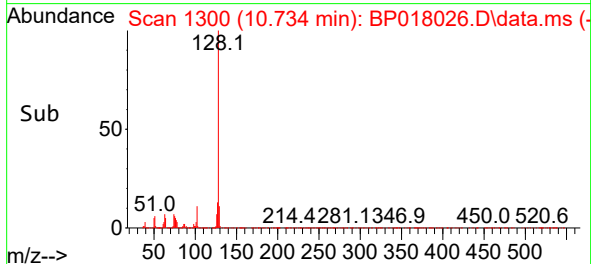
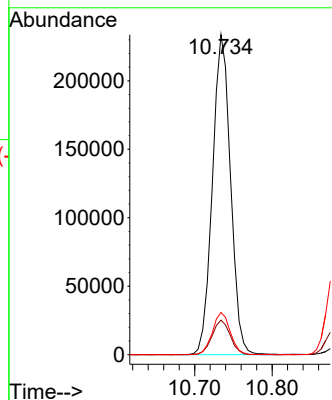
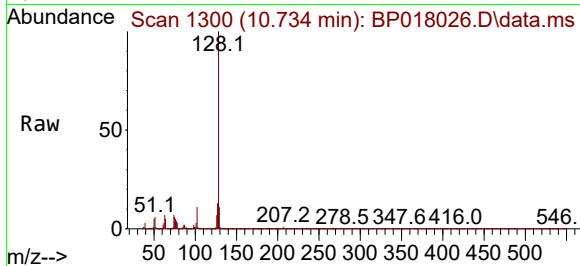




#30
Naphthalene
Concen: 18.173 ng/ul
RT: 10.734 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

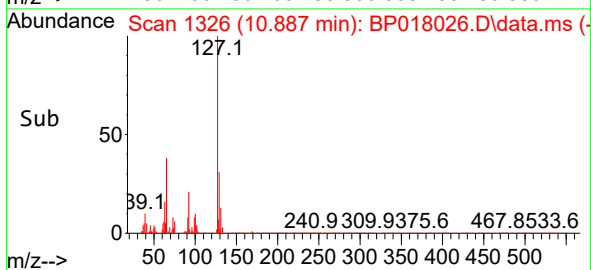
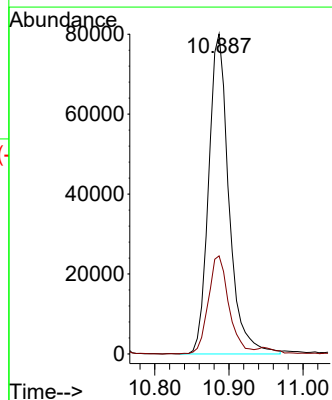
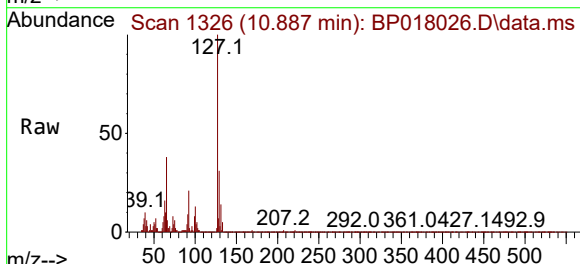
Instrument :
BNA_P
ClientSampleId :
SSTD020665

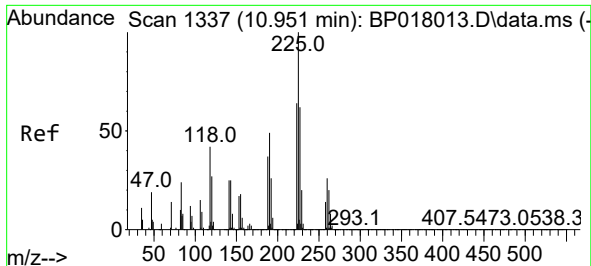
Tgt Ion:128 Resp: 379017
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 18.898 ng/ul
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:127 Resp: 152160
Ion Ratio Lower Upper
127 100
129 30.7 24.8 37.2

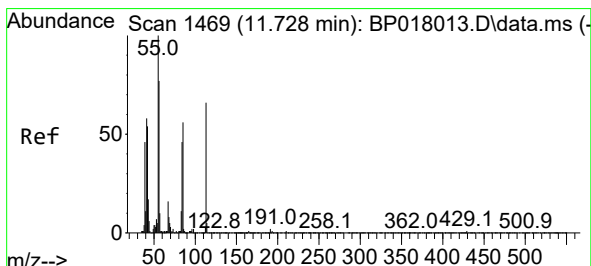
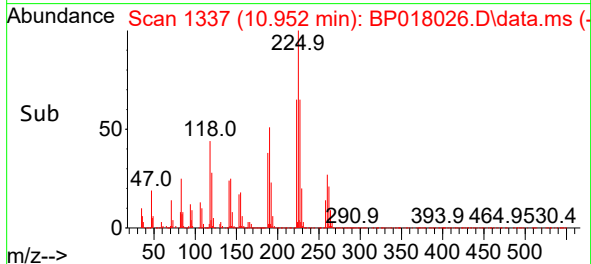
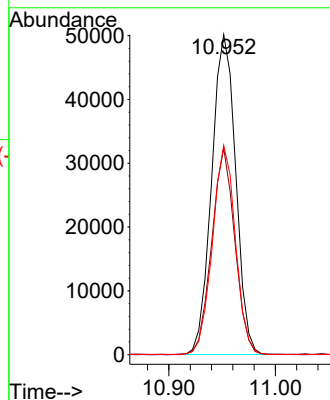
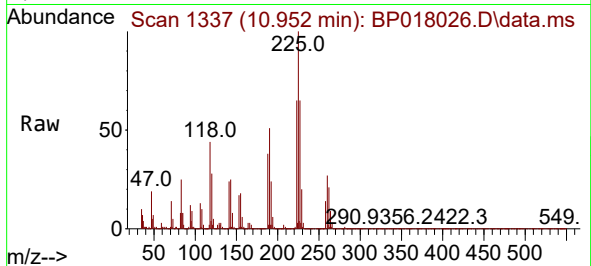




#33
Hexachlorobutadiene
Concen: 17.935 ng/ul
RT: 10.952 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

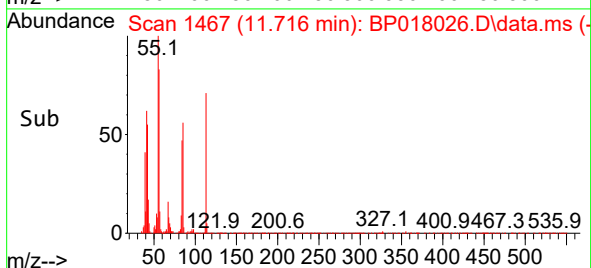
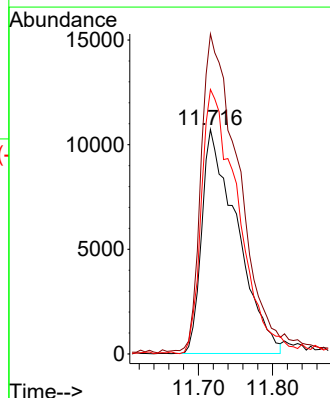
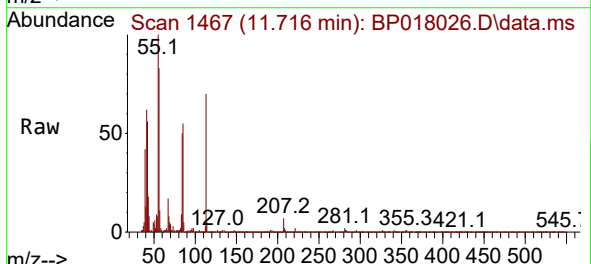
Instrument :
BNA_P
ClientSampleId :
SSTD020665

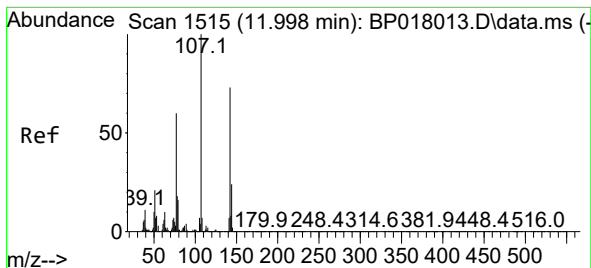
Tgt Ion:225 Resp: 78469
Ion Ratio Lower Upper
225 100
223 64.5 50.6 75.8
227 65.4 47.9 71.9



#34
Caprolactam
Concen: 19.179 ng/ul
RT: 11.716 min Scan# 1467
Delta R.T. -0.024 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:113 Resp: 35303
Ion Ratio Lower Upper
113 100
55 142.6 105.3 157.9
56 117.8 94.2 141.2

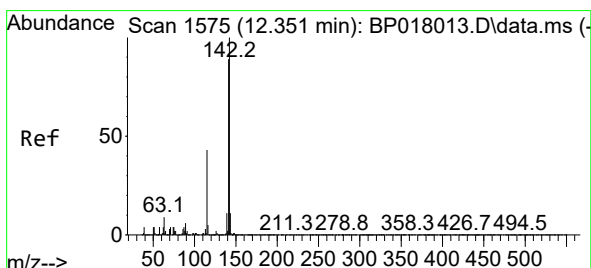
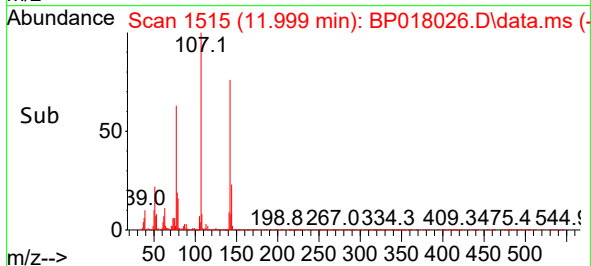
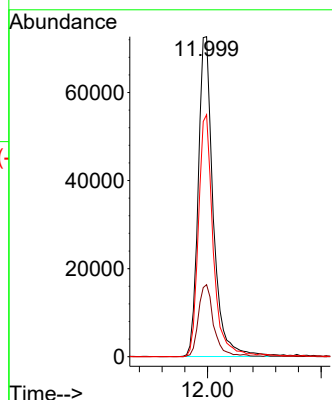
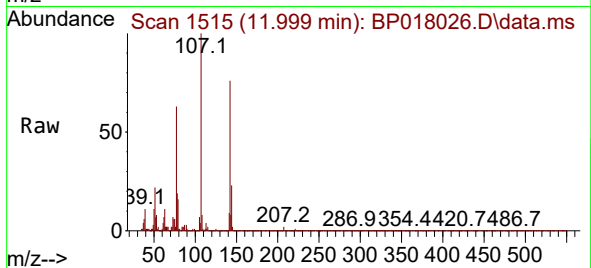




#35
4-Chloro-3-methylphenol
Concen: 19.065 ng/ul
RT: 11.999 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

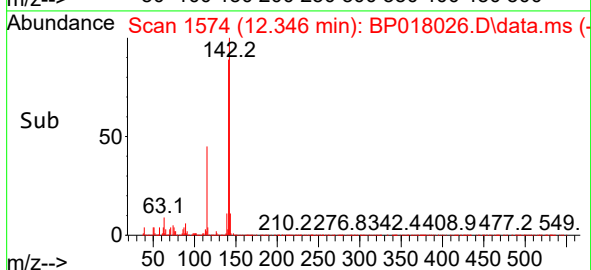
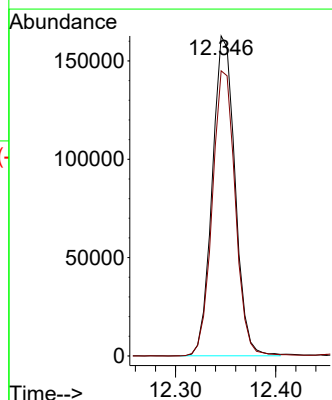
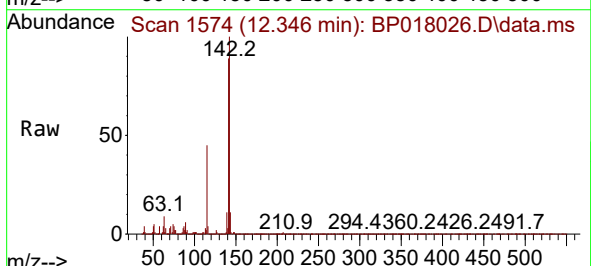
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BNA_P
ClientSampleId :
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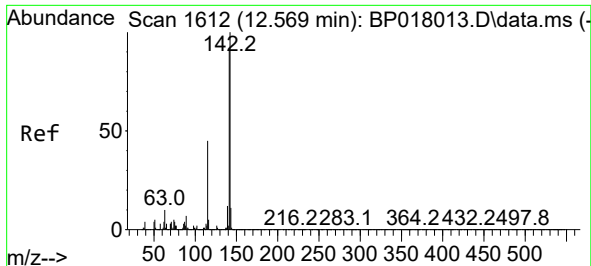
Tgt Ion:107 Resp: 133683
Ion Ratio Lower Upper
107 100
144 22.5 20.0 30.0
142 75.6 61.3 91.9



#36
2-Methylnaphthalene
Concen: 18.017 ng/ul
RT: 12.346 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:142 Resp: 256846
Ion Ratio Lower Upper
142 100
141 89.1 68.0 102.0





#37

1-Methylnaphthalene

Concen: 18.176 ng/ul

RT: 12.569 min Scan# 1612

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

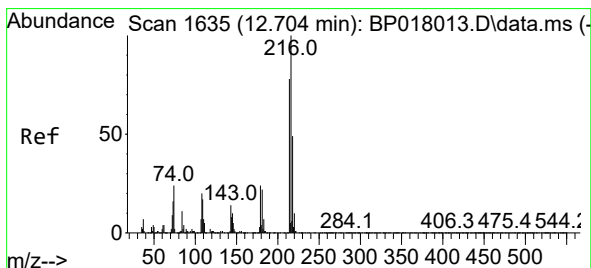
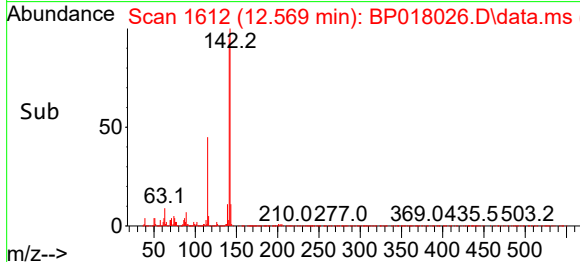
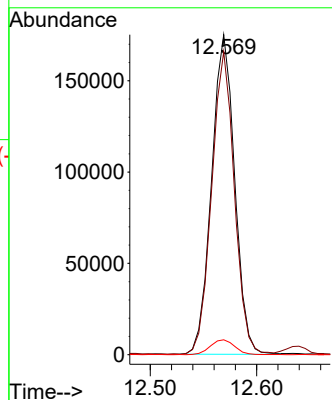
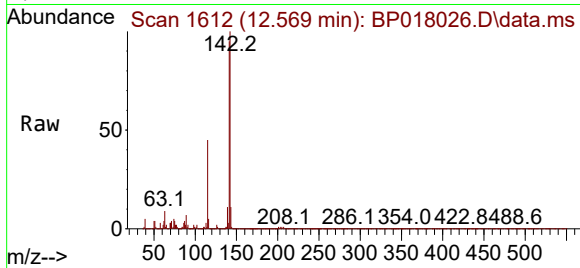
Tgt Ion:142 Resp: 263964

Ion Ratio Lower Upper

142 100

141 94.7 77.9 116.9

116 4.6 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.263 ng/ul

RT: 12.698 min Scan# 1634

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Tgt Ion:216 Resp: 136265

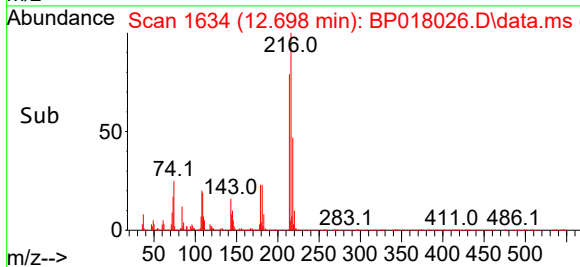
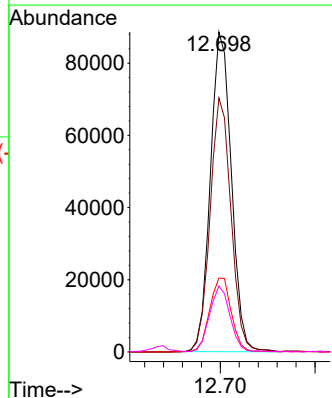
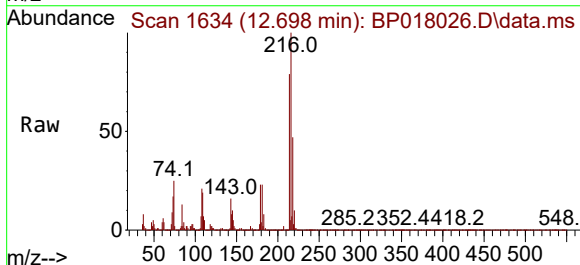
Ion Ratio Lower Upper

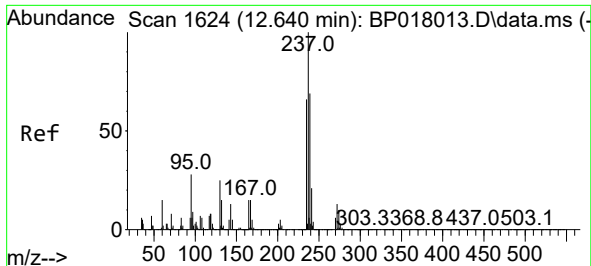
216 100

214 79.4 61.2 91.8

179 23.1 18.6 28.0

108 20.6 16.9 25.3

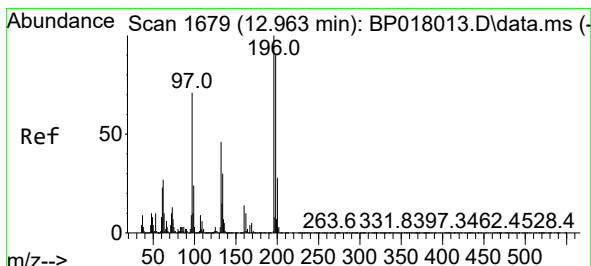
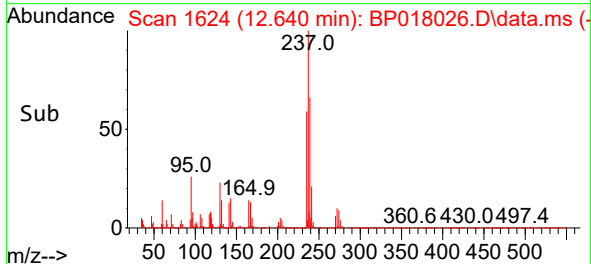
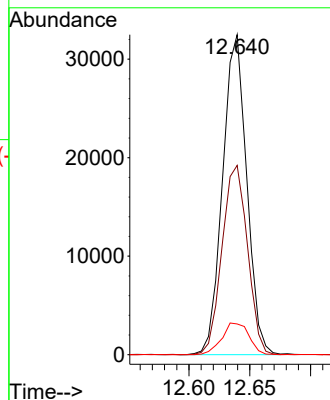
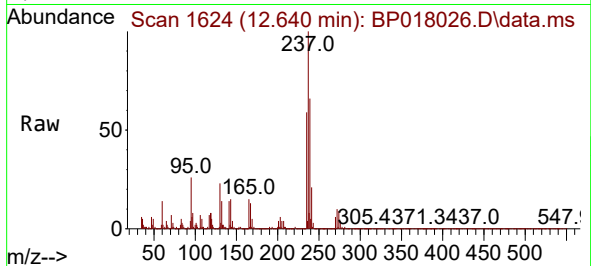




#40
Hexachlorocyclopentadiene
Concen: 12.567 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

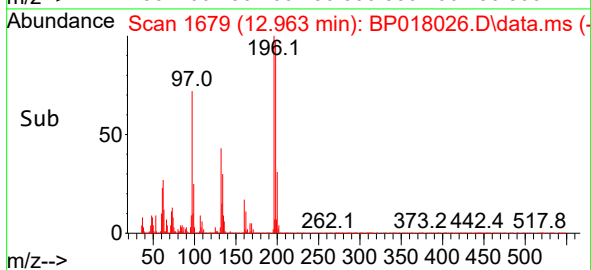
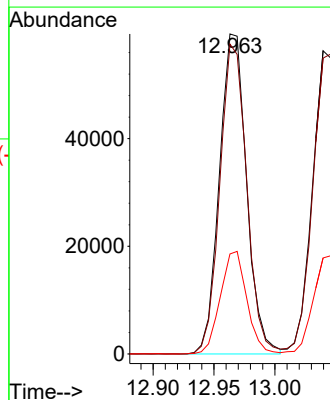
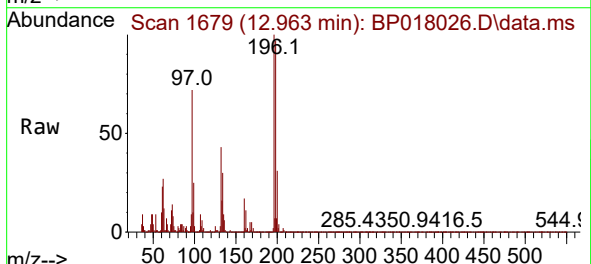
Instrument :
BNA_P
ClientSampleId :
SSTD020665

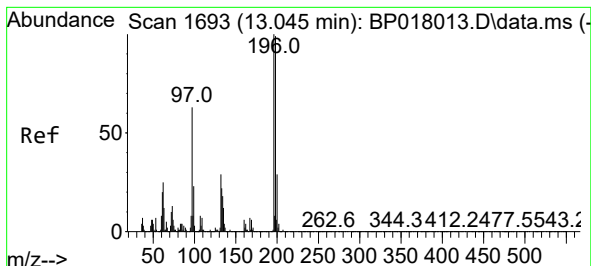
Tgt Ion:237	Resp:	44828
Ion Ratio	Lower	Upper
237	100	
235	59.2	49.4 74.2
272	9.6	8.4 12.6



#41
2,4,6-Trichlorophenol
Concen: 18.977 ng/ul
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:196	Resp:	92493
Ion Ratio	Lower	Upper
196	100	
198	96.9	73.5 110.3
200	31.3	25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 18.367 ng/ul

RT: 13.040 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

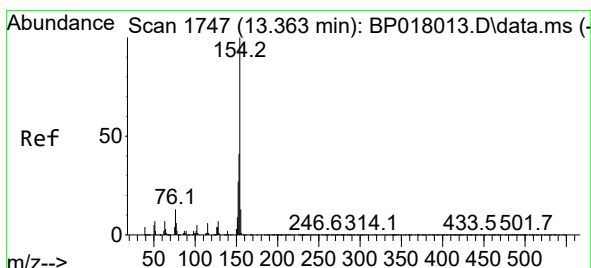
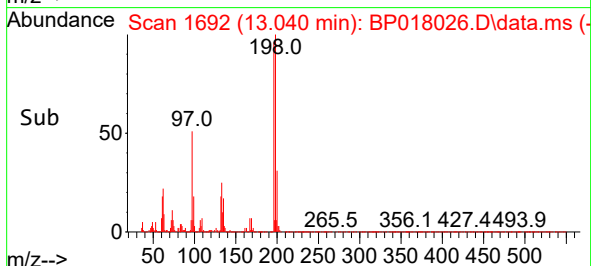
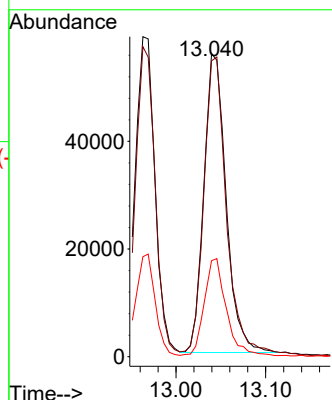
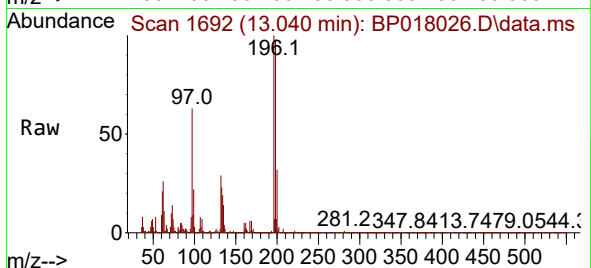
Tgt Ion:196 Resp: 95806

Ion Ratio Lower Upper

196 100

198 97.6 74.4 111.6

200 31.7 23.8 35.8



#43

1,1'-Biphenyl

Concen: 18.431 ng/ul

RT: 13.369 min Scan# 1748

Delta R.T. 0.000 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

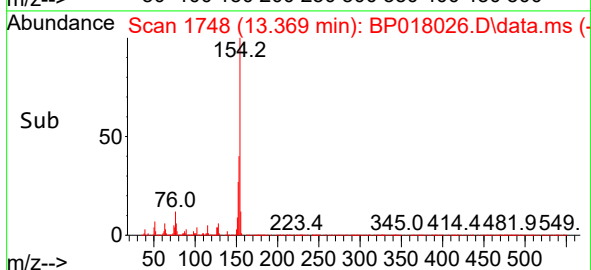
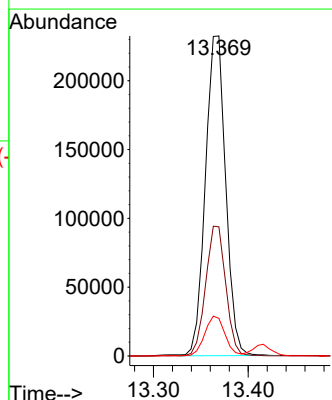
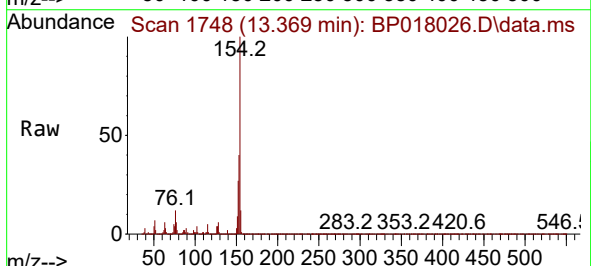
Tgt Ion:154 Resp: 344842

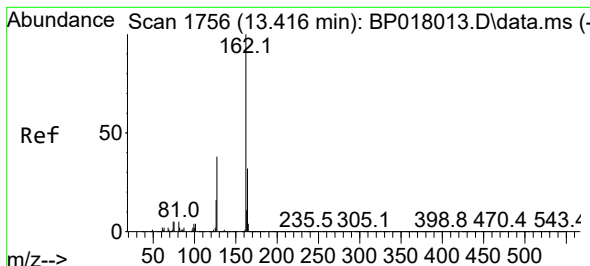
Ion Ratio Lower Upper

154 100

153 40.3 33.4 50.2

76 11.8 9.8 14.8

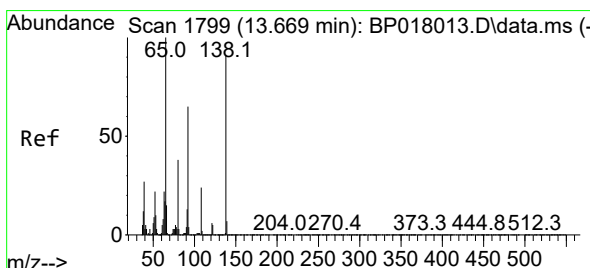
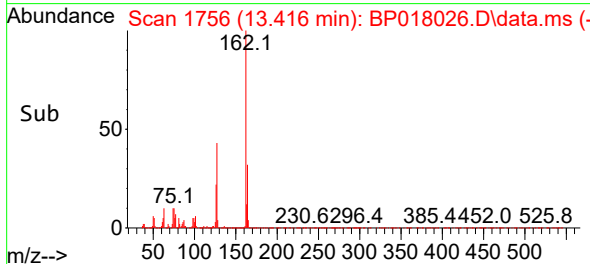
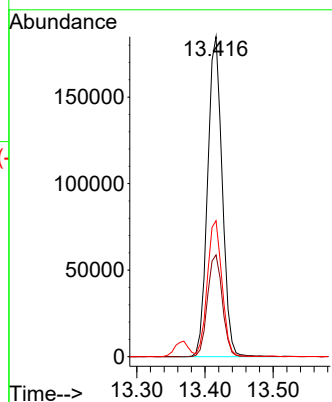
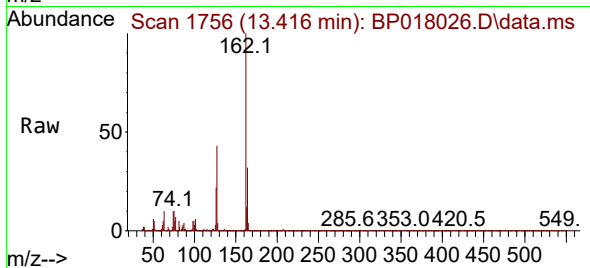




#44
2-Chloronaphthalene
Concen: 18.594 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

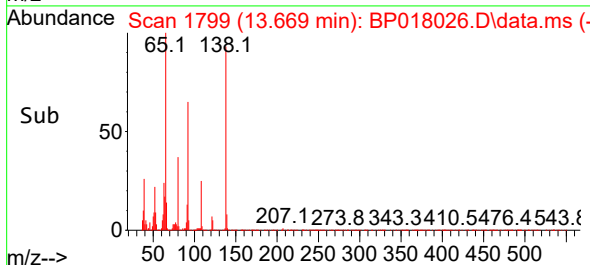
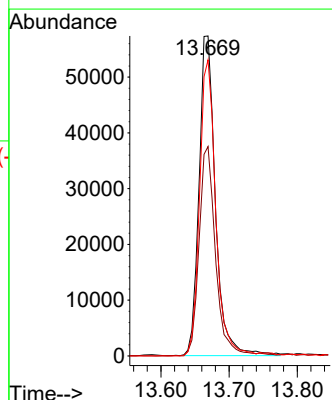
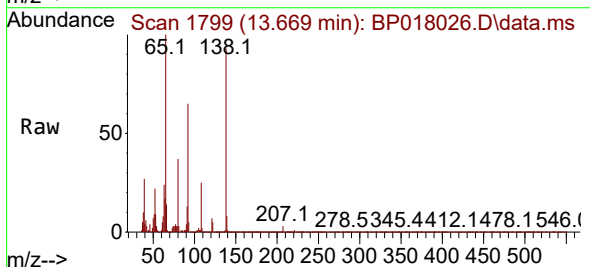
Instrument :
BNA_P
ClientSampleId :
SSTD020665

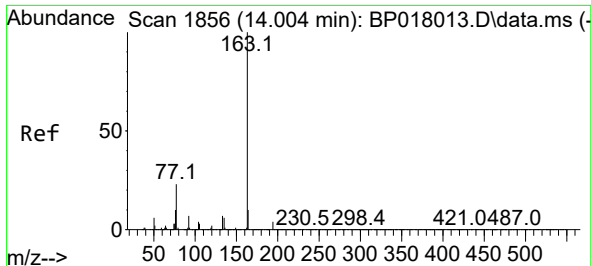
Tgt Ion:162 Resp: 275203
Ion Ratio Lower Upper
162 100
164 31.8 26.2 39.4
127 42.5 34.7 52.1



#45
2-Nitroaniline
Concen: 20.539 ng/ul
RT: 13.669 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion: 65 Resp: 96167
Ion Ratio Lower Upper
65 100
92 65.4 55.0 82.6
138 92.5 78.9 118.3

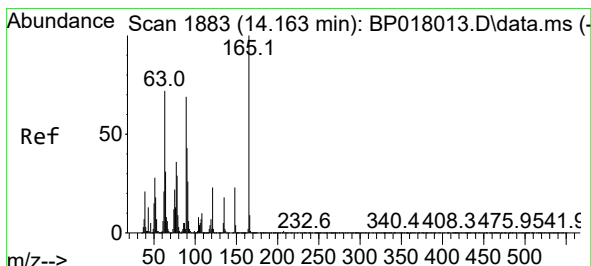
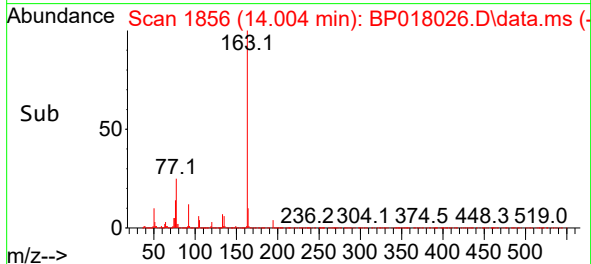
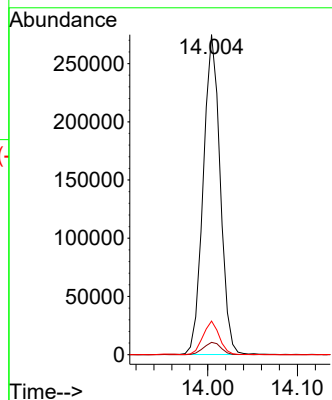
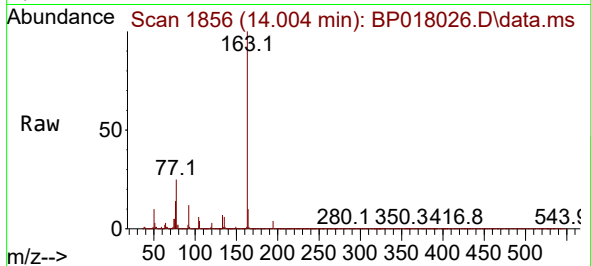




#47
Dimethylphthalate
Concen: 17.598 ng/ul
RT: 14.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

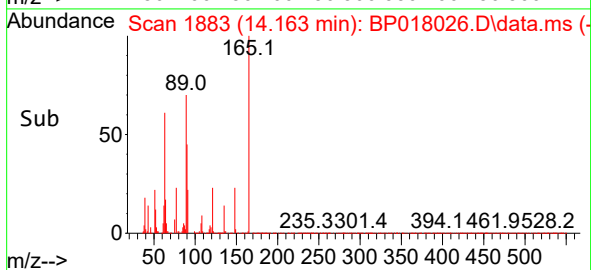
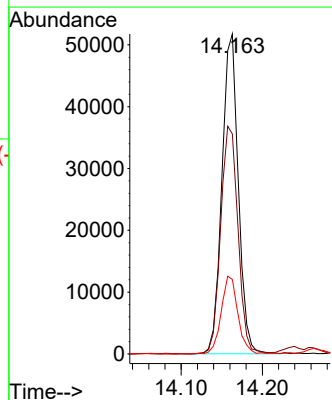
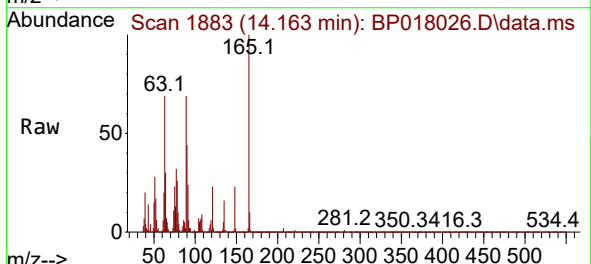
Instrument :
BNA_P
ClientSampleId :
SSTD020665

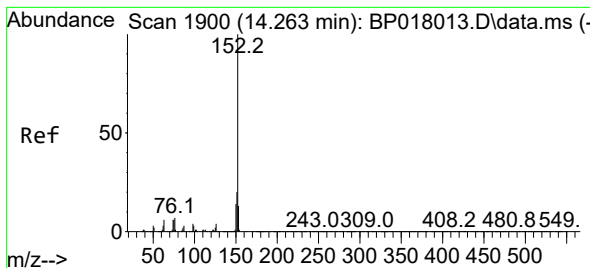
Tgt Ion:163 Resp: 359092
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.5 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 18.984 ng/ul
RT: 14.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:165 Resp: 72741
Ion Ratio Lower Upper
165 100
89 68.8 63.2 94.8
121 23.3 19.9 29.9





#50

Acenaphthylene

Concen: 18.554 ng/ul

RT: 14.263 min Scan# 1900

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

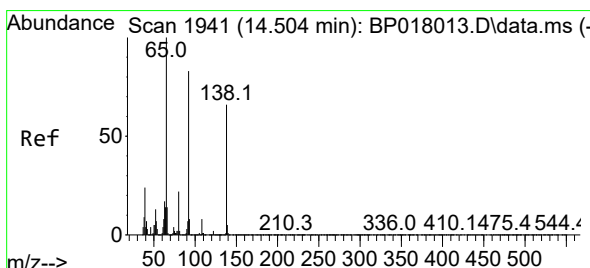
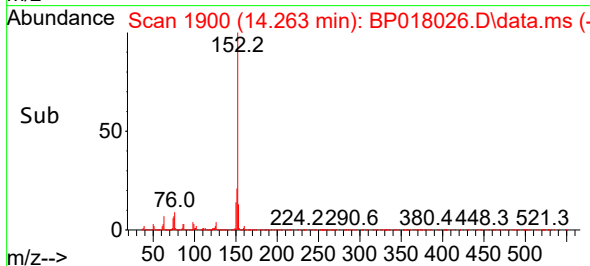
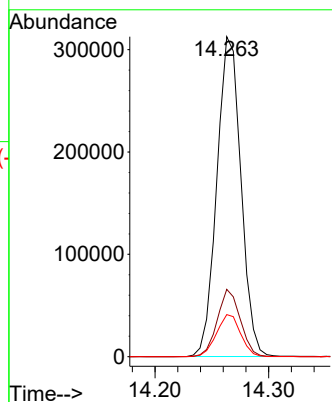
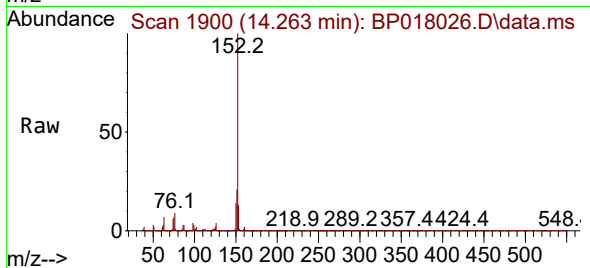
Tgt Ion:152 Resp: 460769

Ion Ratio Lower Upper

152 100

151 21.0 15.5 23.3

153 13.2 10.3 15.5



#51

3-Nitroaniline

Concen: 20.713 ng/ul

RT: 14.504 min Scan# 1941

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

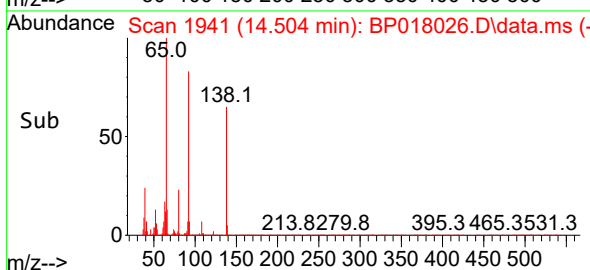
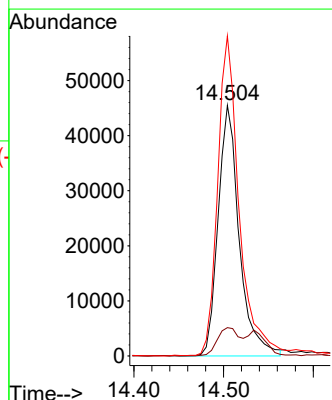
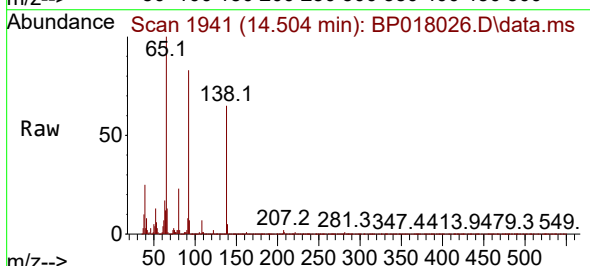
Tgt Ion:138 Resp: 74327

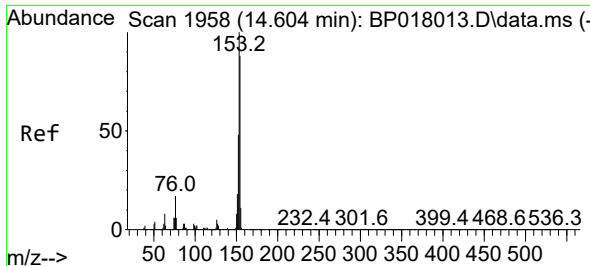
Ion Ratio Lower Upper

138 100

108 11.3 8.6 13.0

92 127.7 103.5 155.3

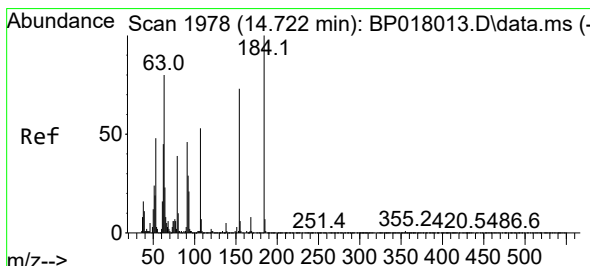
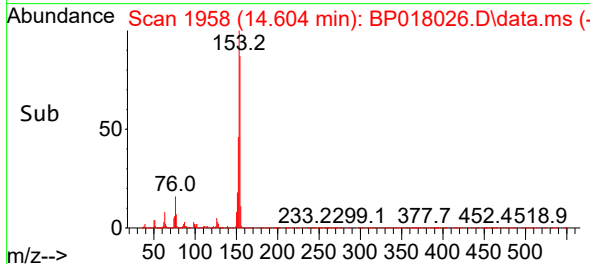
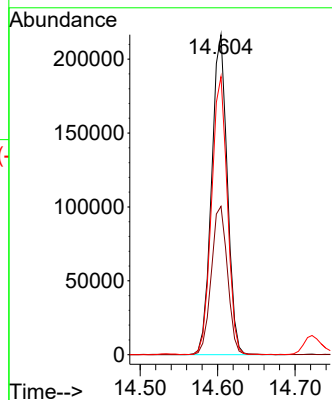
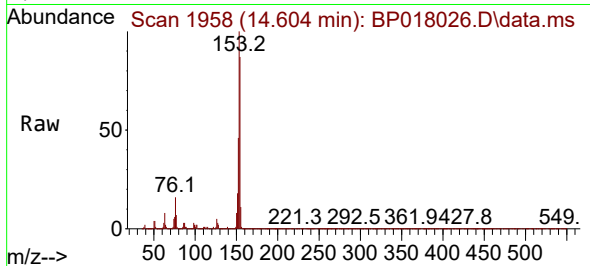




#52
Acenaphthene
Concen: 18.425 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

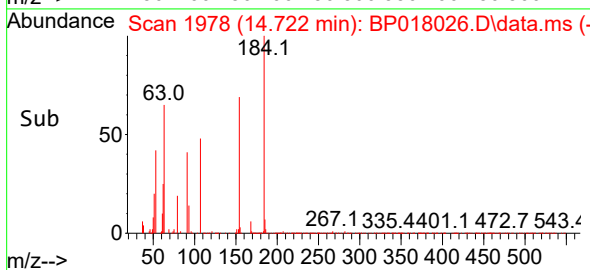
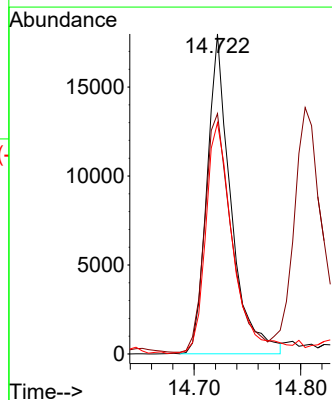
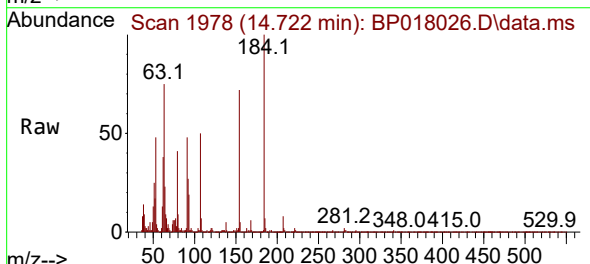
Instrument :
BNA_P
ClientSampleId :
SSTD020665

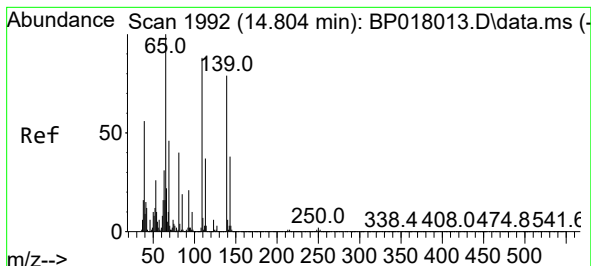
Tgt Ion:153 Resp: 304058
Ion Ratio Lower Upper
153 100
152 46.3 38.2 57.2
154 86.9 68.8 103.2



#53
2,4-Dinitrophenol
Concen: 13.577 ng/ul
RT: 14.722 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:184 Resp: 27987
Ion Ratio Lower Upper
184 100
63 75.1 68.0 102.0
154 72.3 64.7 97.1

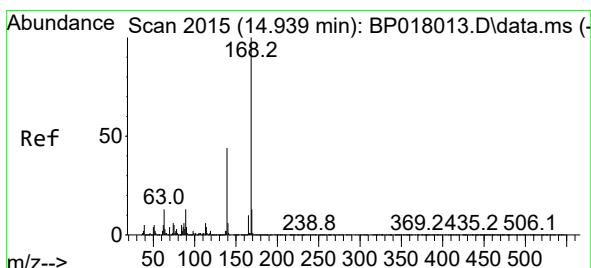
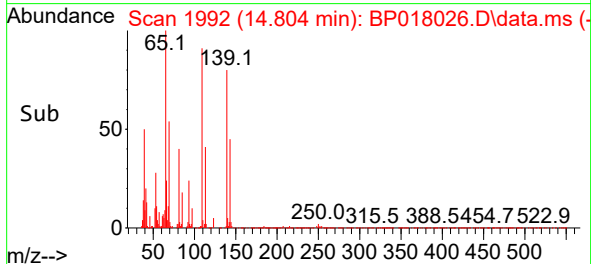
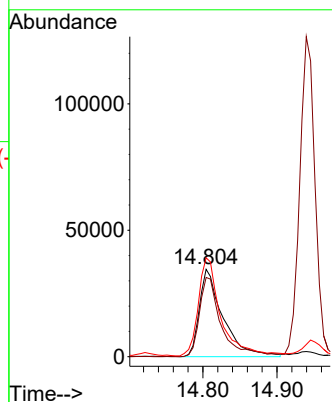
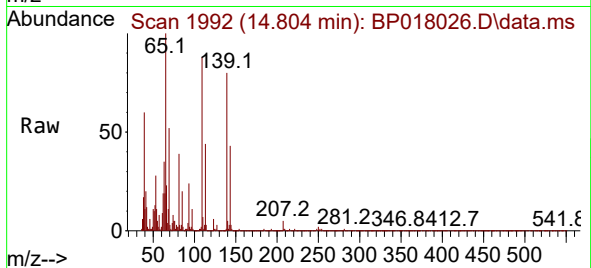




#55
4-Nitrophenol
Concen: 18.961 ng/ul
RT: 14.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

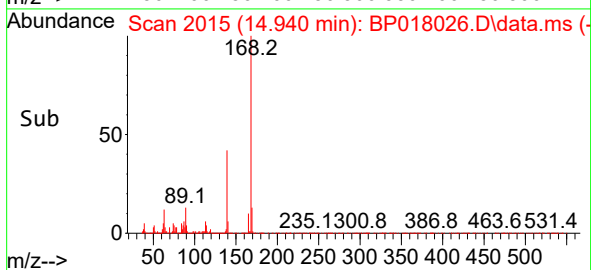
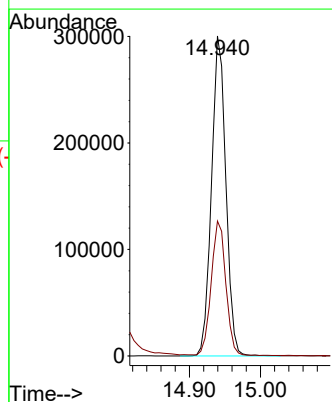
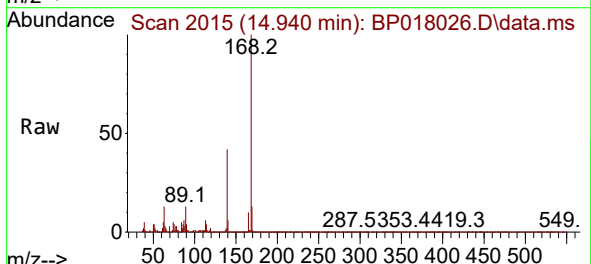
Instrument :
BNA_P
ClientSampleId :
SSTD020665

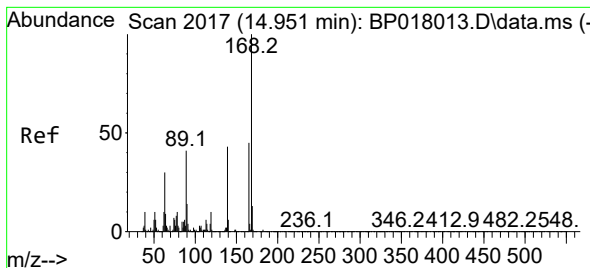
Tgt Ion:109 Resp: 76099
Ion Ratio Lower Upper
109 100
139 90.7 74.8 112.2
65 113.0 92.6 138.8



#56
Dibenzofuran
Concen: 18.516 ng/ul
RT: 14.940 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:168 Resp: 421792
Ion Ratio Lower Upper
168 100
139 42.1 35.1 52.7





#57

2,4-Dinitrotoluene

Concen: 19.455 ng/ul

RT: 14.951 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

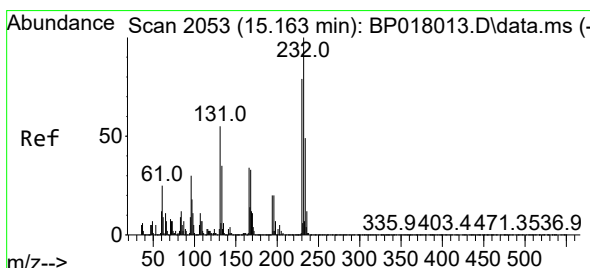
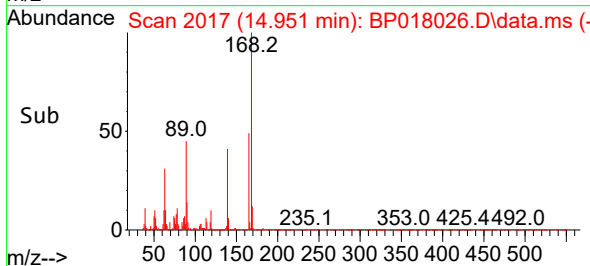
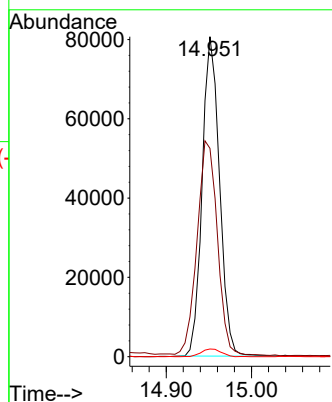
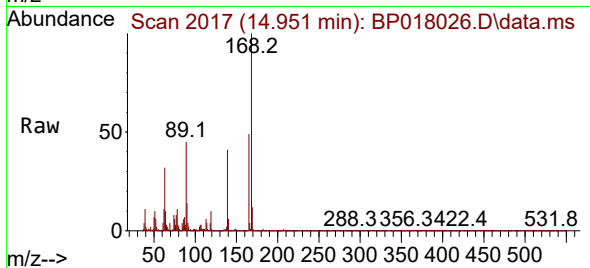
Tgt Ion:165 Resp: 114015

Ion Ratio Lower Upper

165 100

63 65.1 53.2 79.8

182 2.4 2.4 3.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.402 ng/ul

RT: 15.163 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Tgt Ion:232 Resp: 88103

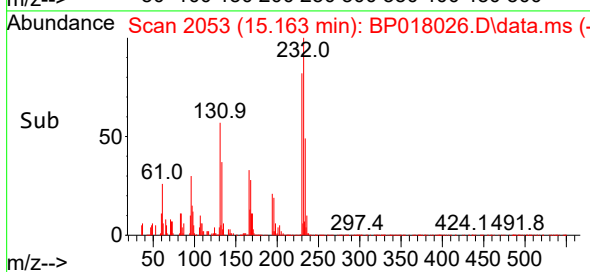
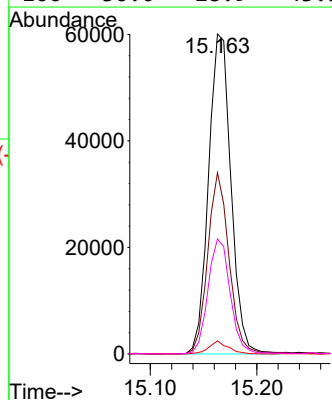
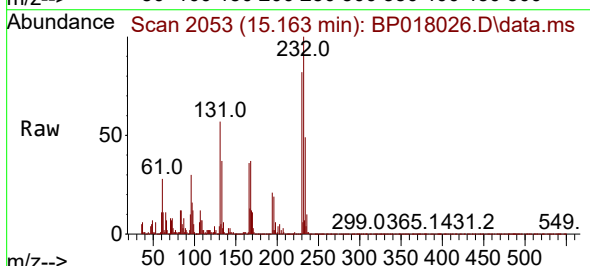
Ion Ratio Lower Upper

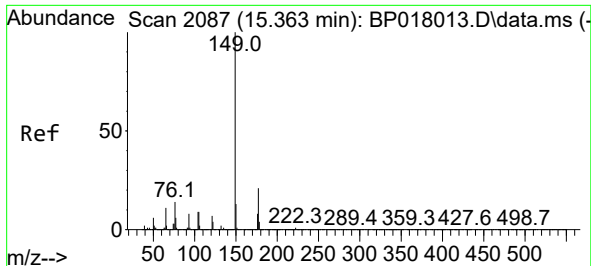
232 100

131 56.7 44.1 66.1

130 4.1 2.9 4.3

166 36.0 28.9 43.3

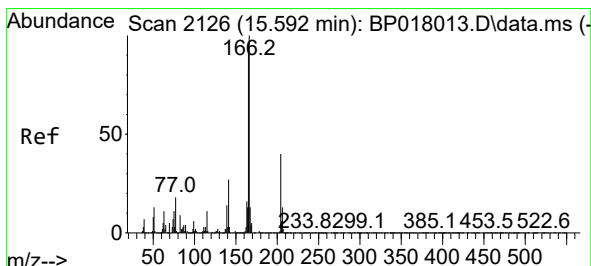
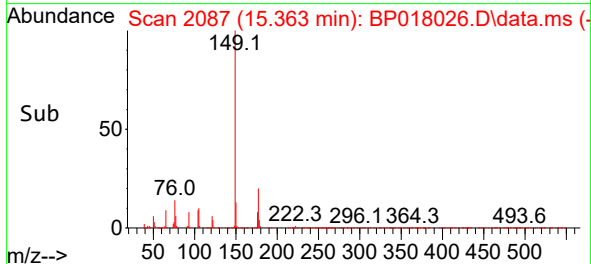
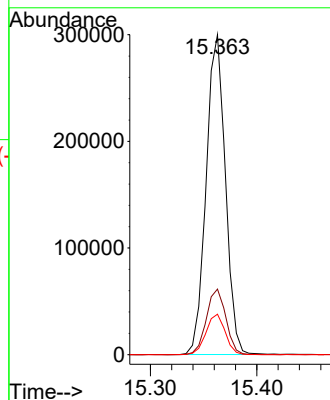
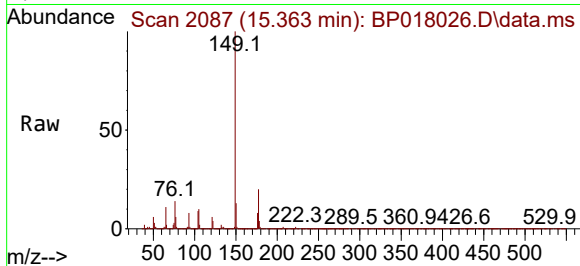




#59
Diethylphthalate
Concen: 11.451 ng/ul
RT: 15.363 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

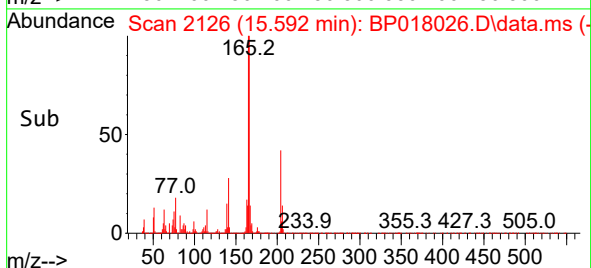
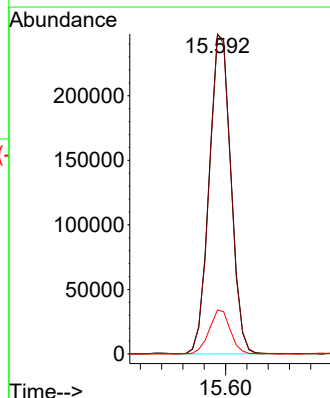
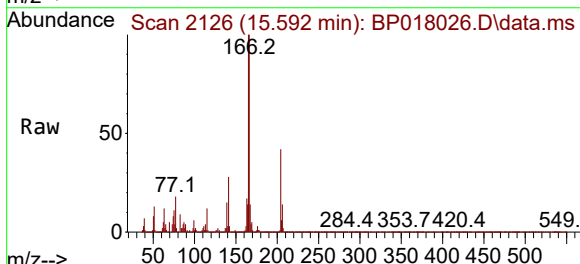
Instrument :
BNA_P
ClientSampleId :
SSTD020665

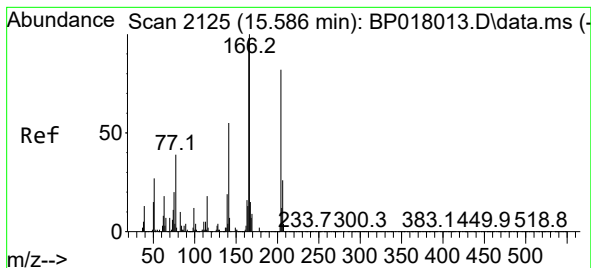
Tgt Ion:149 Resp: 376057
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.6 9.9 14.9



#61
Fluorene
Concen: 18.262 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:166 Resp: 350851
Ion Ratio Lower Upper
166 100
165 100.2 80.2 120.2
167 13.8 11.0 16.4

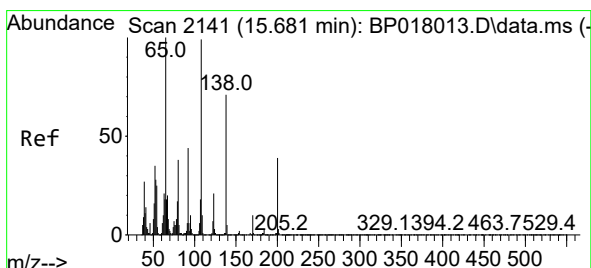
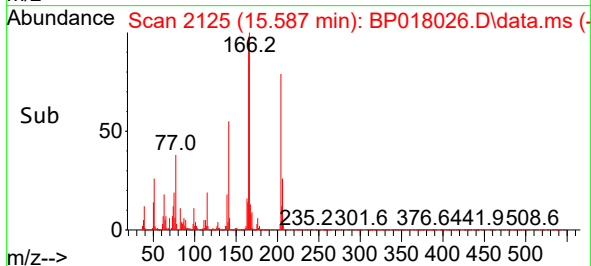
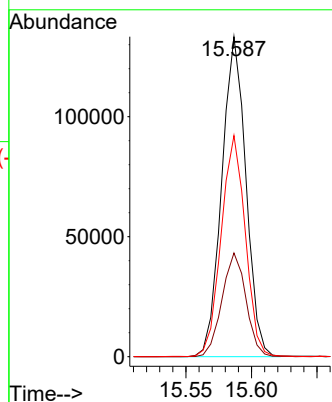
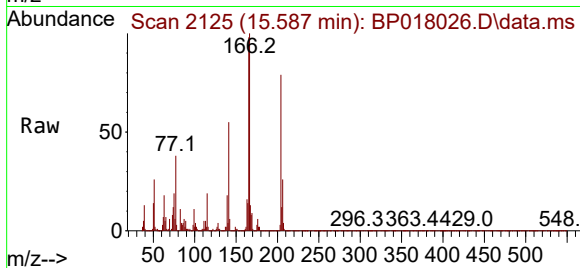




#62
4-Chlorophenyl-phenylether
Concen: 18.085 ng/ul
RT: 15.587 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

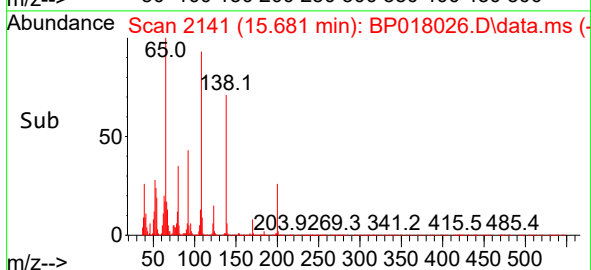
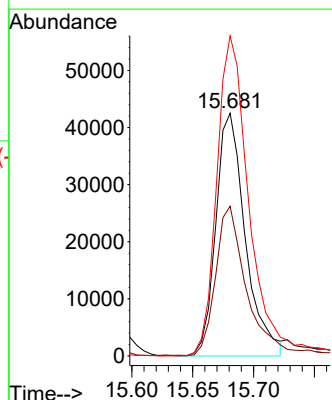
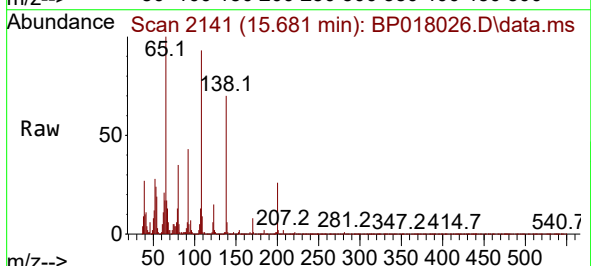
Instrument :
BNA_P
ClientSampleId :
SSTD020665

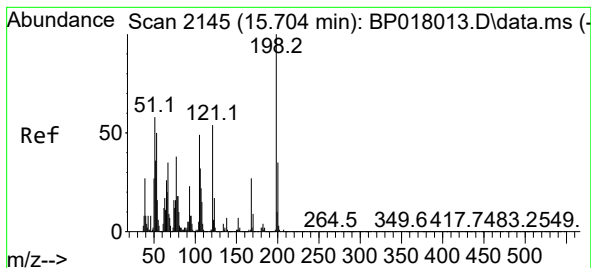
Tgt Ion:204 Resp: 170555
Ion Ratio Lower Upper
204 100
206 32.4 27.8 41.8
141 69.1 58.4 87.6



#63
4-Nitroaniline
Concen: 21.068 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:138 Resp: 71587
Ion Ratio Lower Upper
138 100
92 61.7 49.4 74.0
108 131.8 112.2 168.4

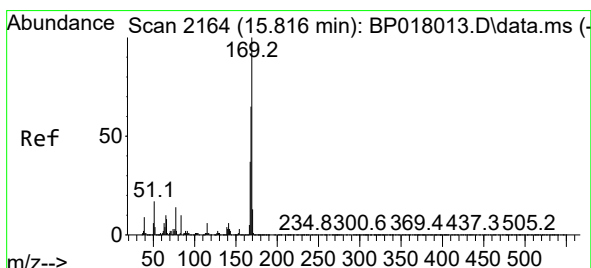
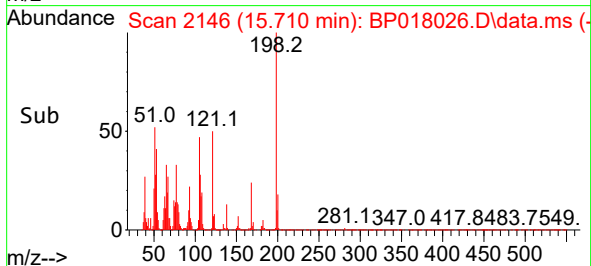
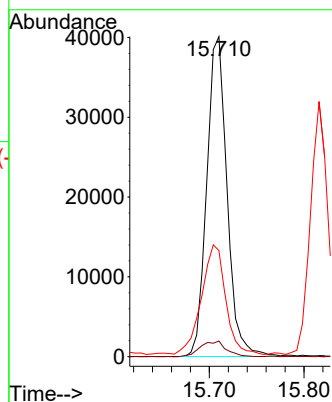
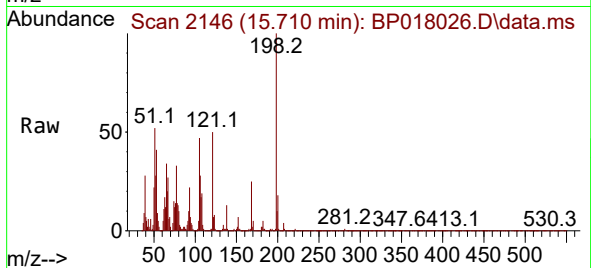




#66
4,6-Dinitro-2-methylphenol
Concen: 16.010 ng/ul
RT: 15.710 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

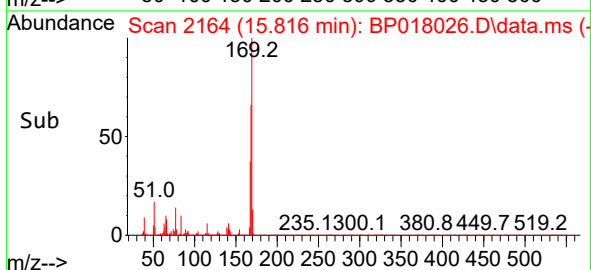
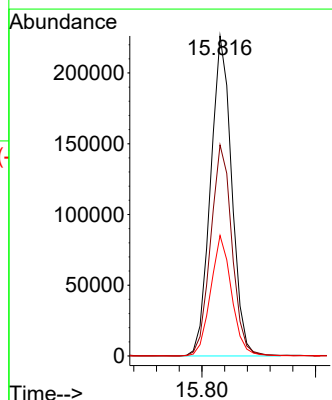
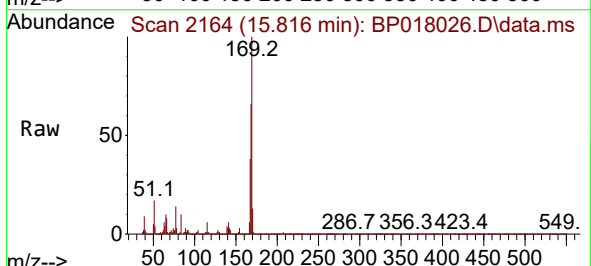
Instrument :
BNA_P
ClientSampleId :
SSTD020665

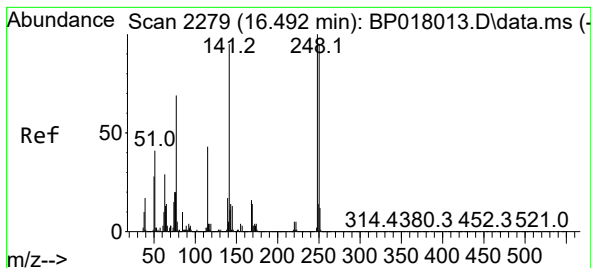
Tgt Ion:198 Resp: 59555
Ion Ratio Lower Upper
198 100
182 4.9 4.6 7.0
77 33.1 27.8 41.6



#67
N-Nitrosodiphenylamine
Concen: 17.928 ng/ul
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:169 Resp: 291992
Ion Ratio Lower Upper
169 100
168 65.9 53.9 80.9
167 37.6 29.4 44.0

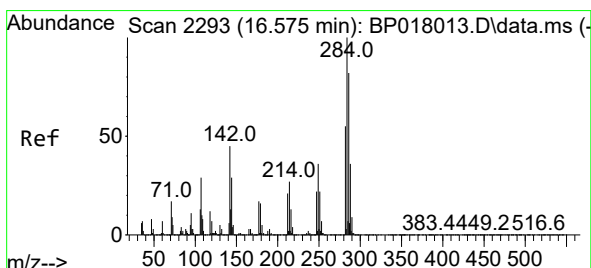
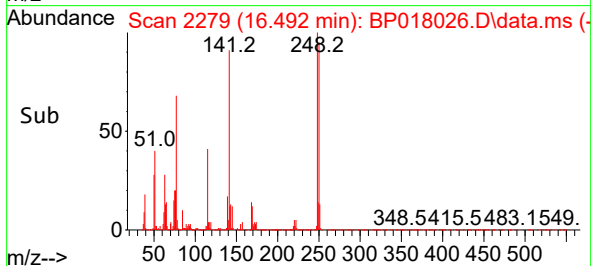
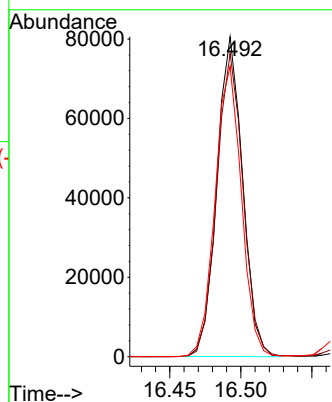
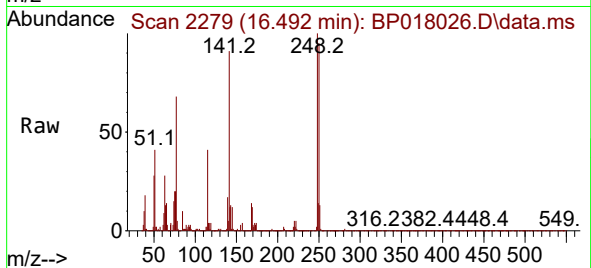




#68
4-Bromophenyl-phenylether
Concen: 18.243 ng/ul
RT: 16.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

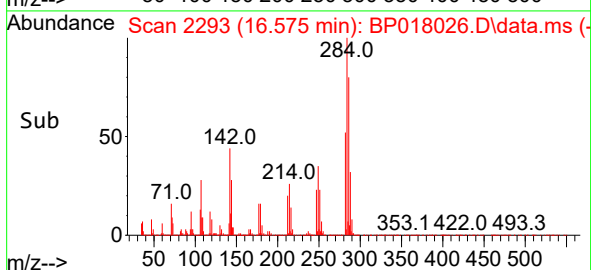
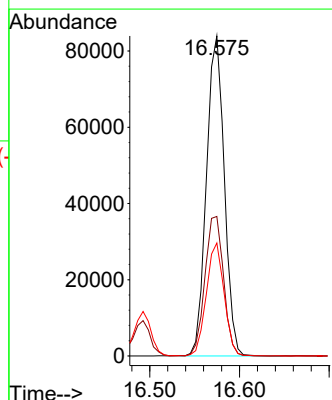
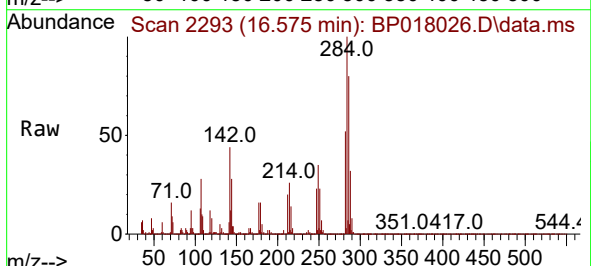
Instrument :
BNA_P
ClientSampleId :
SSTD020665

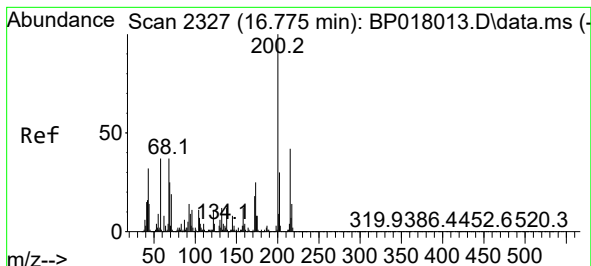
Tgt Ion:248 Resp: 101293
Ion Ratio Lower Upper
248 100
250 94.8 77.2 115.8
141 90.7 75.6 113.4



#69
Hexachlorobenzene
Concen: 18.463 ng/ul
RT: 16.575 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP018026.D
Acq: 10 Nov 2023 13:50

Tgt Ion:284 Resp: 116211
Ion Ratio Lower Upper
284 100
142 43.6 36.6 55.0
249 35.3 28.6 43.0





#70

Atrazine

Concen: 18.498 ng/ul

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

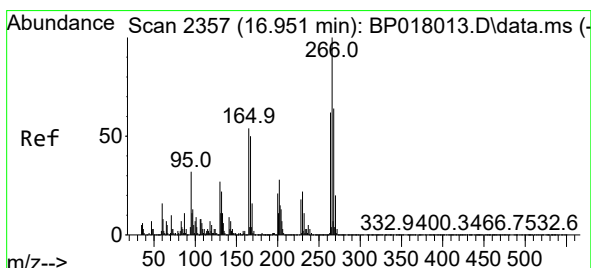
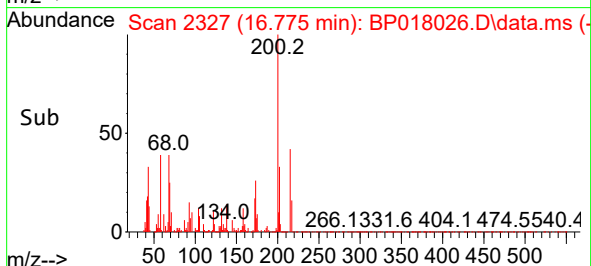
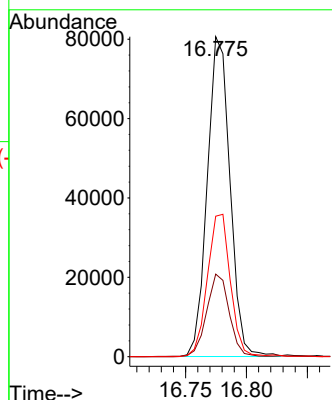
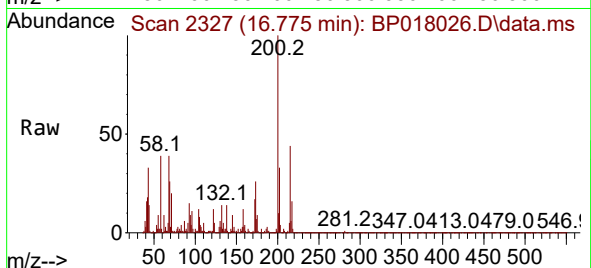
Tgt Ion:200 Resp: 104259

Ion Ratio Lower Upper

200 100

173 25.8 20.2 30.4

215 43.9 38.6 58.0



#71

Pentachlorophenol

Concen: 17.899 ng/ul

RT: 16.945 min Scan# 2356

Delta R.T. -0.012 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

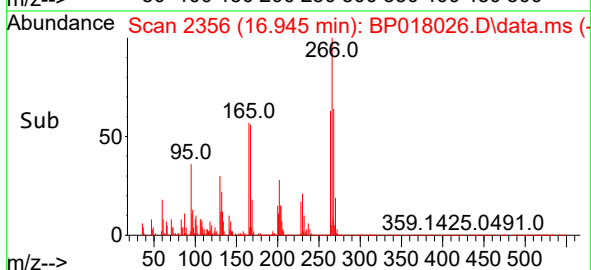
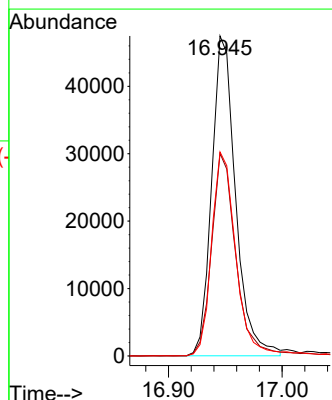
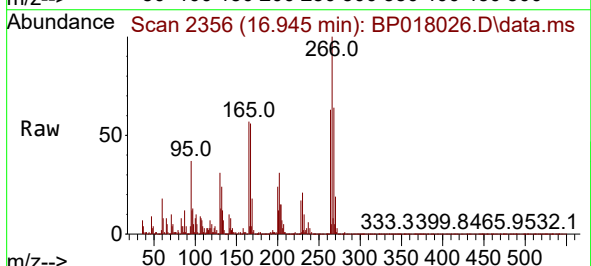
Tgt Ion:266 Resp: 69429

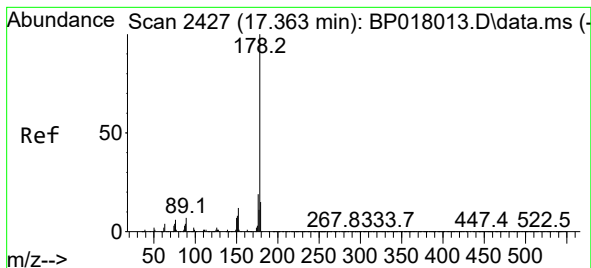
Ion Ratio Lower Upper

266 100

264 63.3 48.4 72.6

268 63.7 50.3 75.5





#72

Phenanthrene

Concen: 17.984 ng/ul

RT: 17.363 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

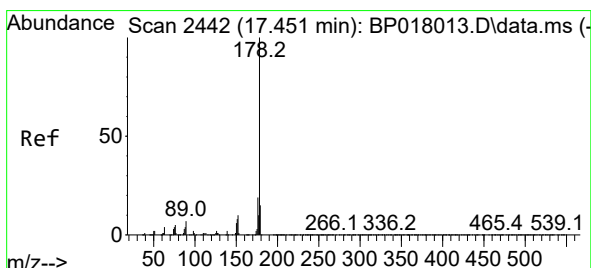
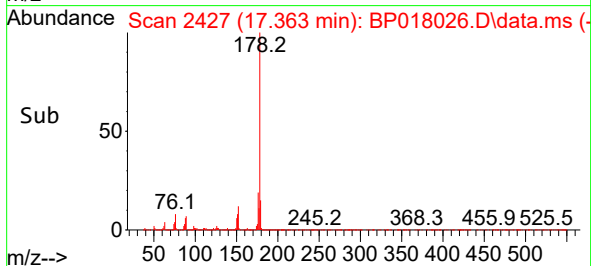
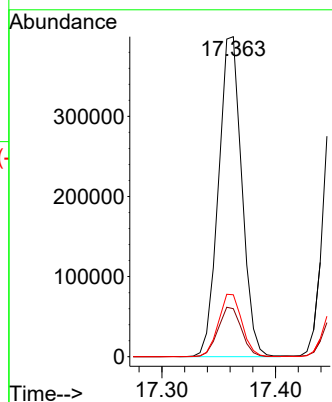
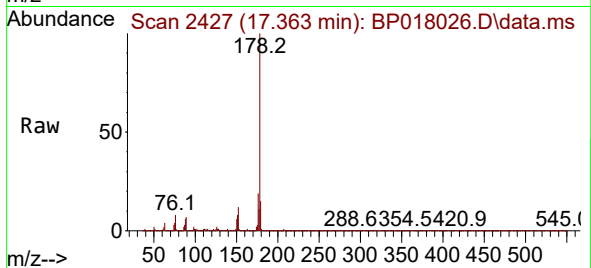
Tgt Ion:178 Resp: 569268

Ion Ratio Lower Upper

178 100

179 15.0 11.6 17.4

176 19.4 15.1 22.7



#74

Anthracene

Concen: 18.280 ng/ul

RT: 17.451 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

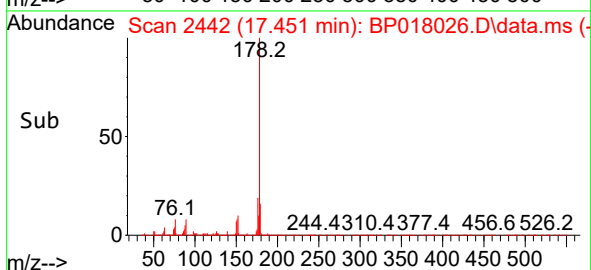
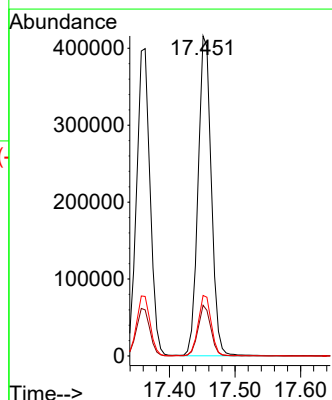
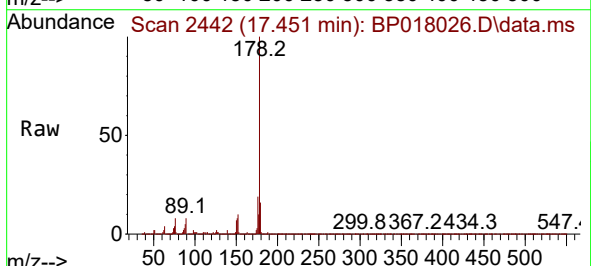
Tgt Ion:178 Resp: 585019

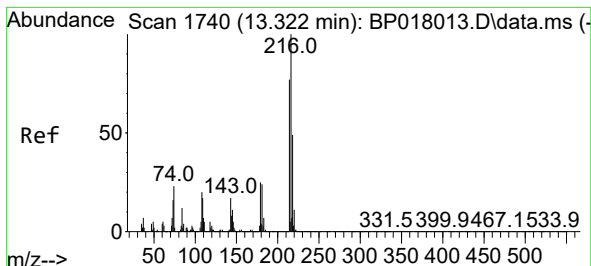
Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 18.9 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.536 ng/uL

RT: 13.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

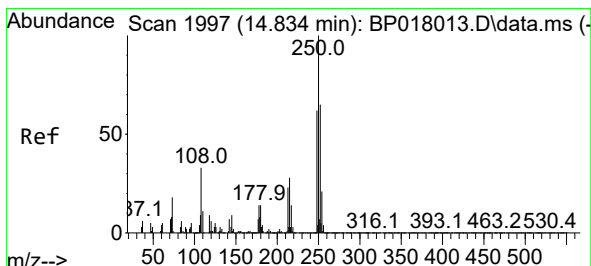
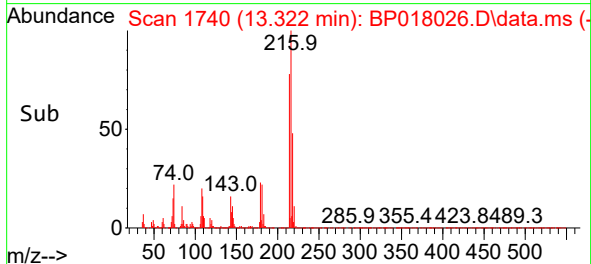
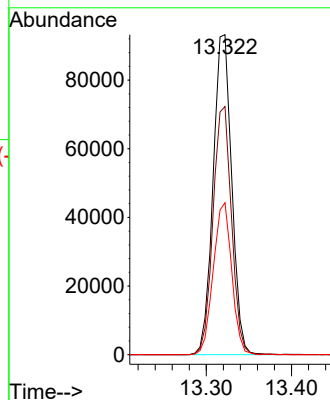
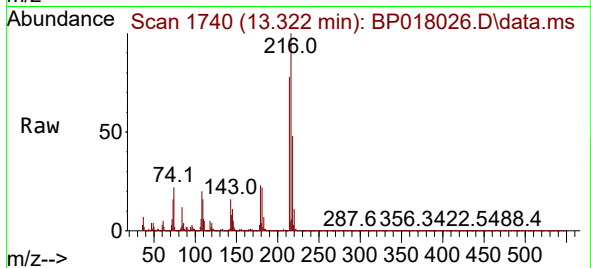
Tgt Ion:216 Resp: 141425

Ion Ratio Lower Upper

216 100

214 77.5 64.0 96.0

218 47.5 36.7 55.1



#76

Pentachlorobenzene

Concen: 18.238 ng/uL

RT: 14.834 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

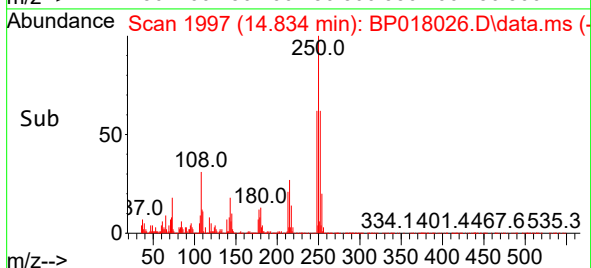
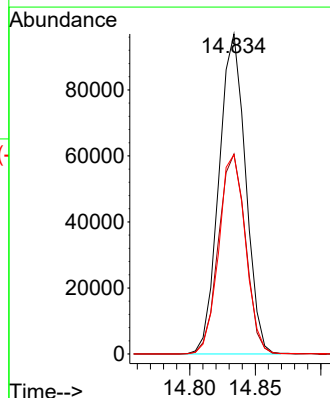
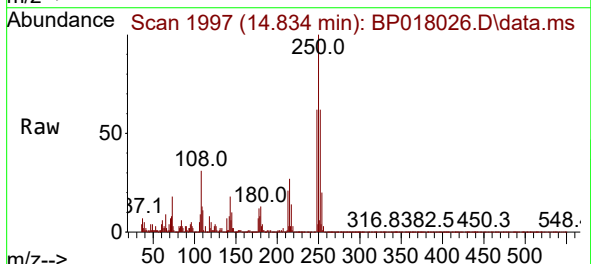
Tgt Ion:250 Resp: 136741

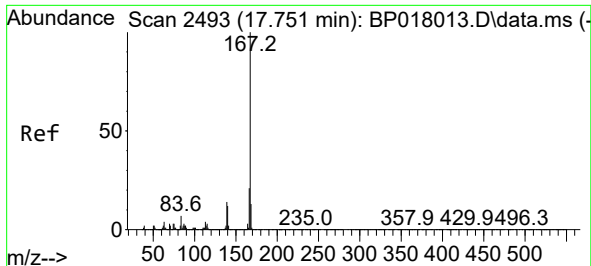
Ion Ratio Lower Upper

250 100

248 62.5 48.3 72.5

252 62.3 52.2 78.2

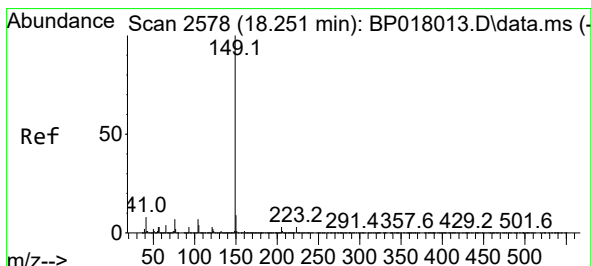
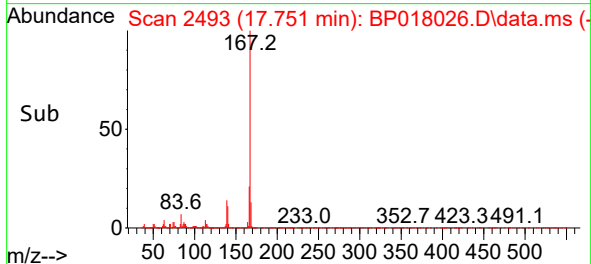
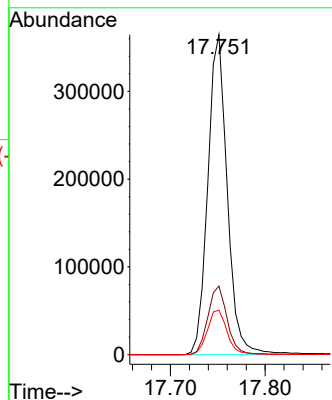
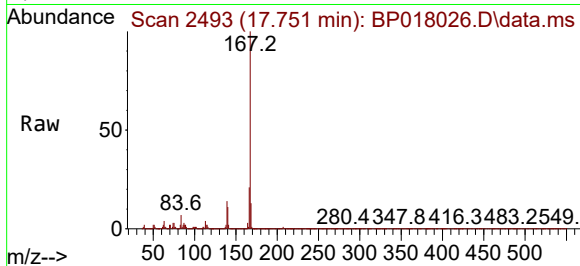




#77
 Carbazole
 Concen: 18.724 ng/ul
 RT: 17.751 min Scan# 2493
 Delta R.T. -0.006 min
 Lab File: BP018026.D
 Acq: 10 Nov 2023 13:50

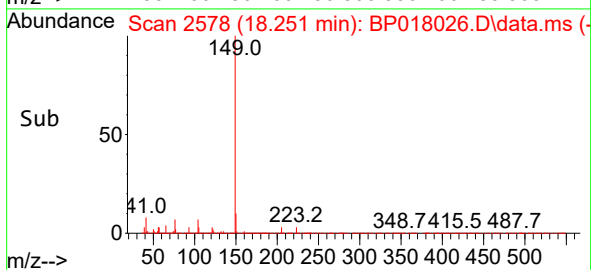
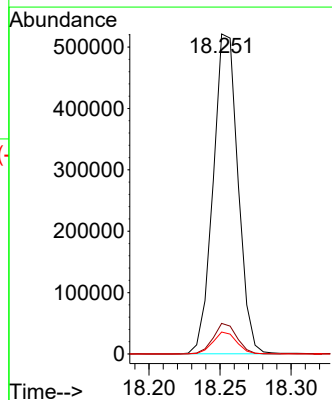
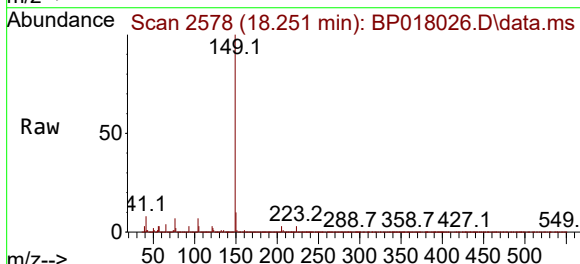
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020665

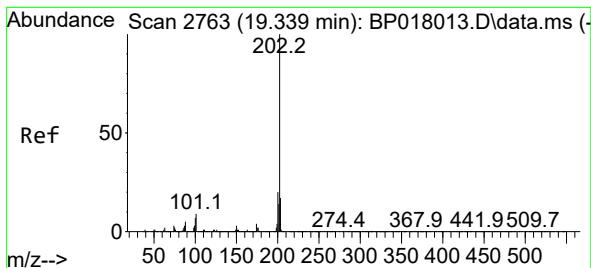
Tgt Ion:167	Resp: 517434		
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	13.9	11.7	17.5



#78
 Di-n-butylphthalate
 Concen: 17.035 ng/ul
 RT: 18.251 min Scan# 2578
 Delta R.T. -0.012 min
 Lab File: BP018026.D
 Acq: 10 Nov 2023 13:50

Tgt Ion:149	Resp: 633139		
Ion Ratio	Lower	Upper	
149 100			
150 9.5	7.0	10.6	
104 6.8	5.1	7.7	





#80

Fluoranthene

Concen: 18.821 ng/ul

RT: 19.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

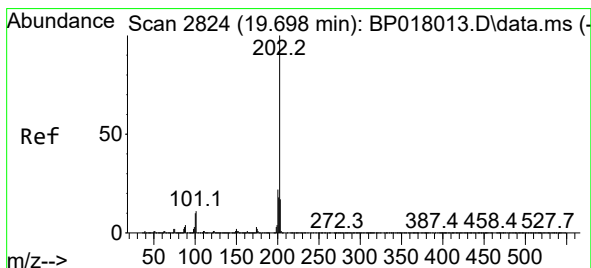
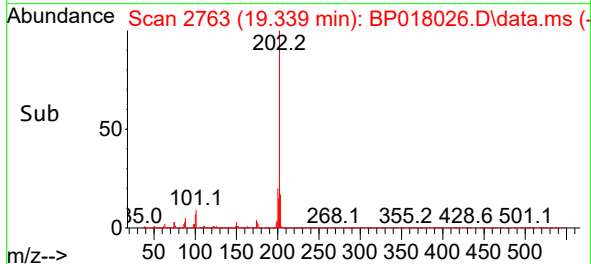
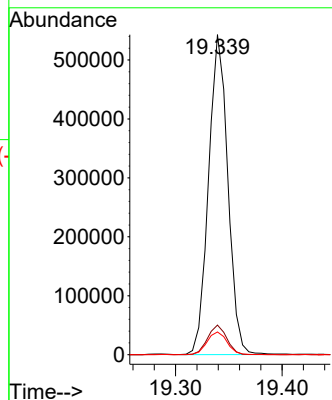
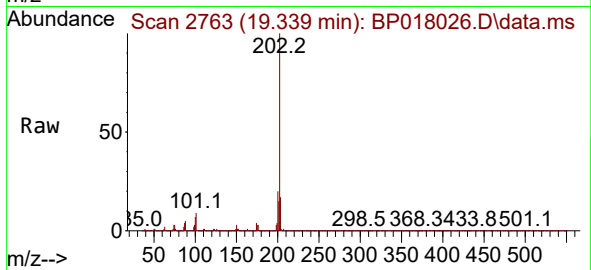
Tgt Ion:202 Resp: 684572

Ion Ratio Lower Upper

202 100

101 9.2 7.4 11.0

100 7.1 5.8 8.6



#82

Pyrene

Concen: 18.779 ng/ul

RT: 19.698 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

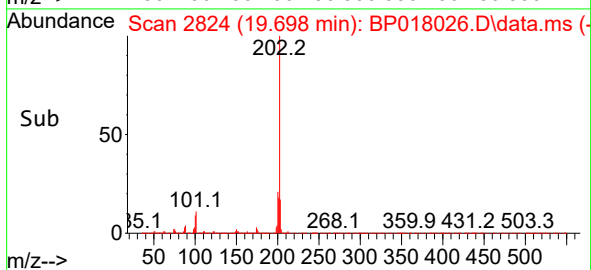
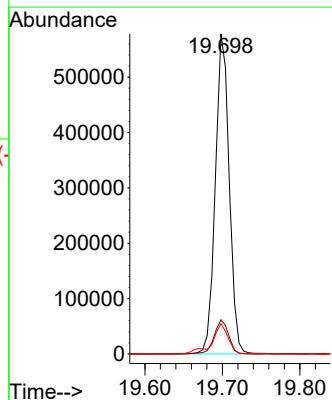
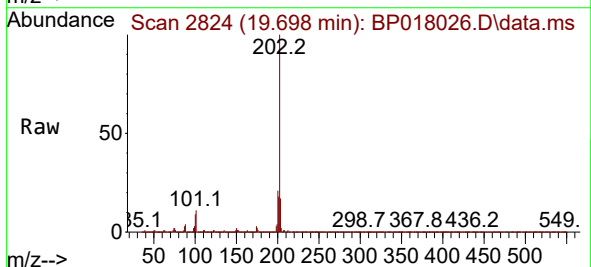
Tgt Ion:202 Resp: 721909

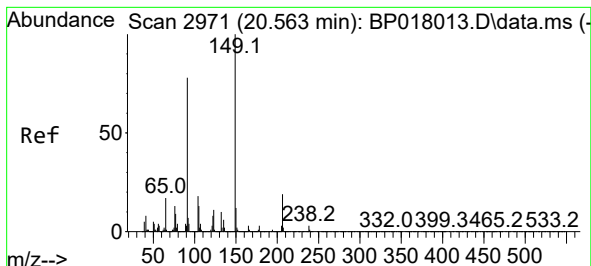
Ion Ratio Lower Upper

202 100

101 10.7 9.0 13.4

100 9.5 7.8 11.8





#83

Butylbenzylphthalate

Concen: 18.373 ng/ul

RT: 20.569 min Scan# 2971

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

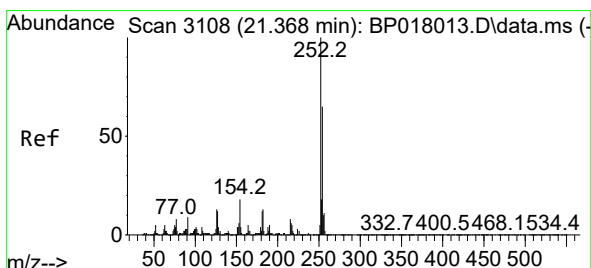
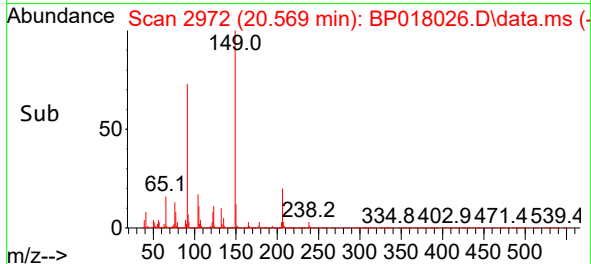
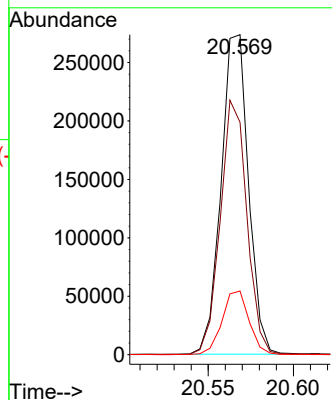
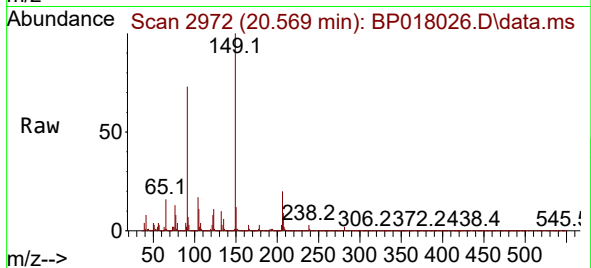
Tgt Ion:149 Resp: 305848

Ion Ratio Lower Upper

149 100

91 72.6 59.5 89.3

206 19.9 15.5 23.3



#84

3,3'-Dichlorobenzidine

Concen: 18.993 ng/ul

RT: 21.375 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

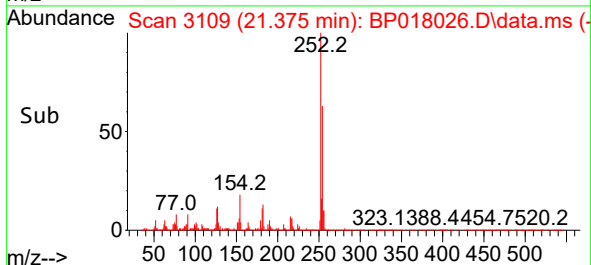
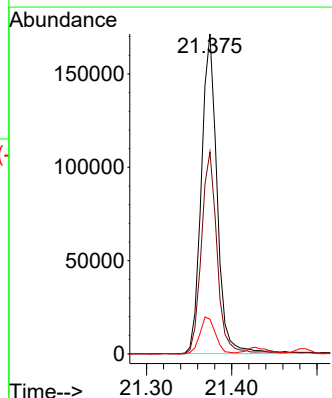
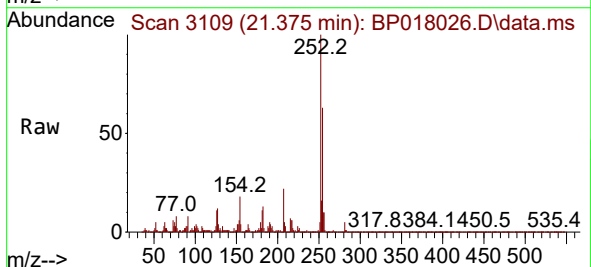
Tgt Ion:252 Resp: 219758

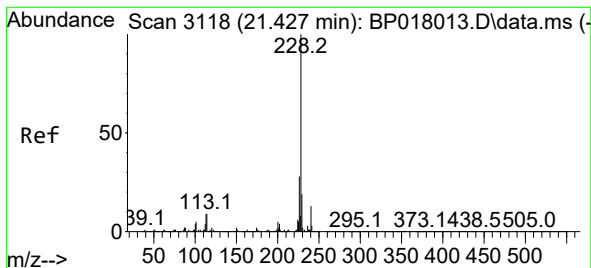
Ion Ratio Lower Upper

252 100

254 63.2 51.0 76.4

126 10.8 9.2 13.8





#85

Benzo(a)anthracene

Concen: 18.275 ng/ul

RT: 21.427 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

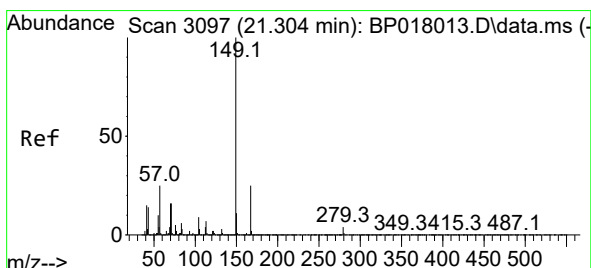
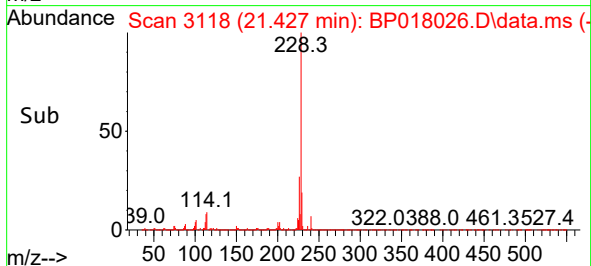
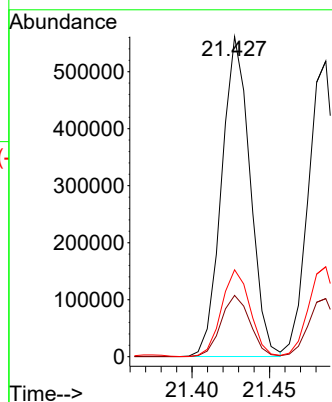
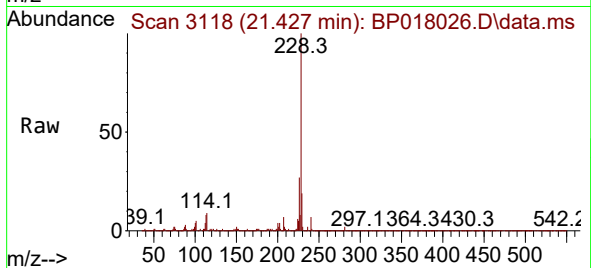
Tgt Ion:228 Resp: 717397

Ion Ratio Lower Upper

228 100

229 19.2 15.6 23.4

226 27.2 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.838 ng/ul

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

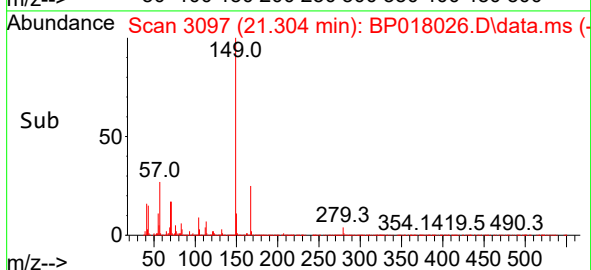
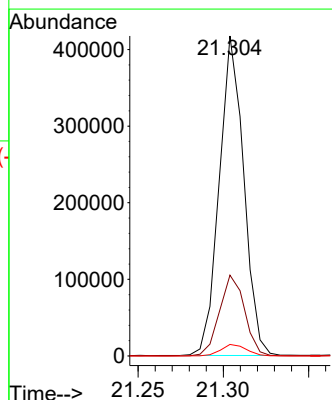
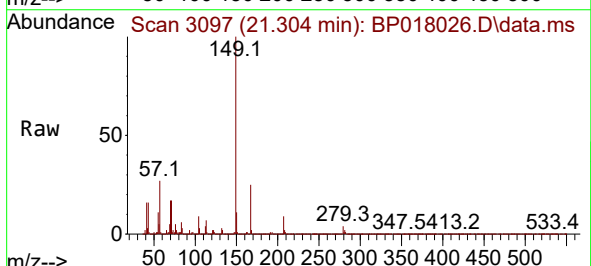
Tgt Ion:149 Resp: 416384

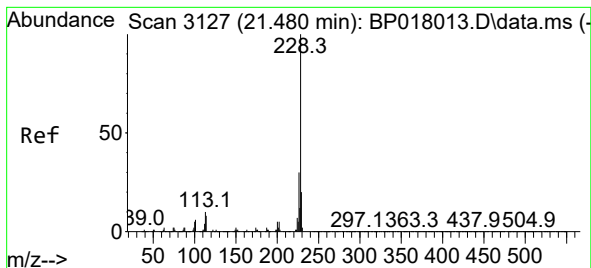
Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.2

279 3.6 3.0 4.4





#87

Chrysene

Concen: 18.035 ng/ul

RT: 21.486 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

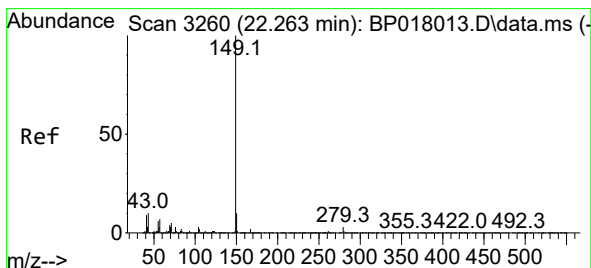
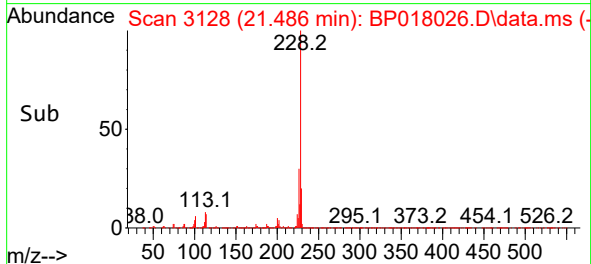
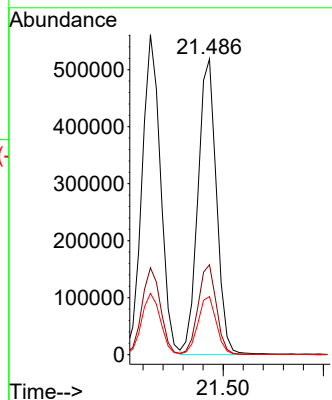
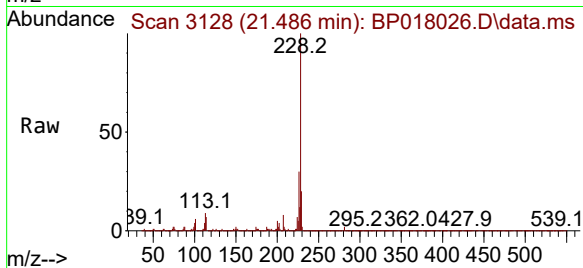
Tgt Ion:228 Resp: 666812

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.6 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 17.816 ng/ul

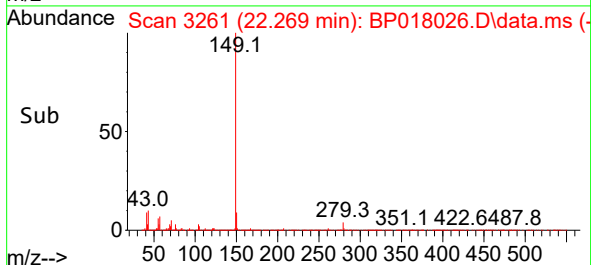
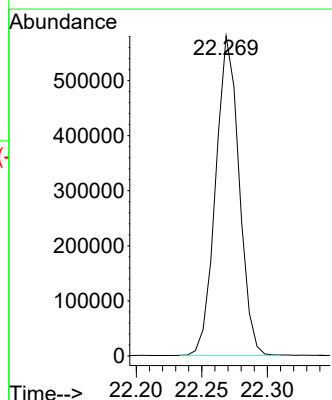
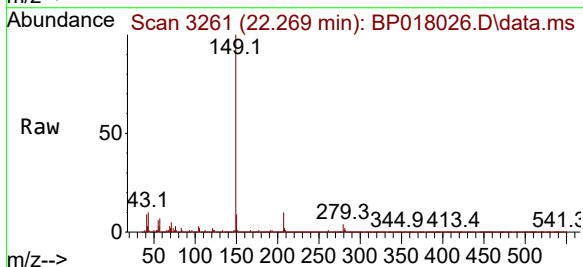
RT: 22.269 min Scan# 3261

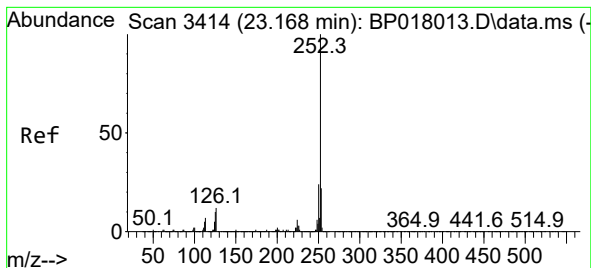
Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Tgt Ion:149 Resp: 718420





#90

Benzo(b)fluoranthene

Concen: 18.255 ng/ul

RT: 23.174 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

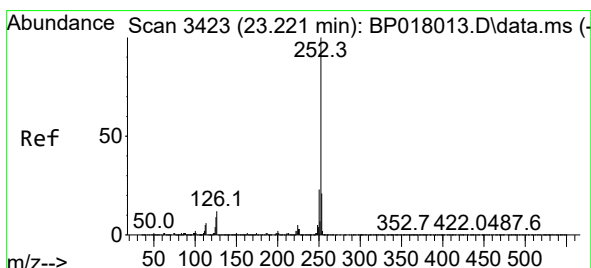
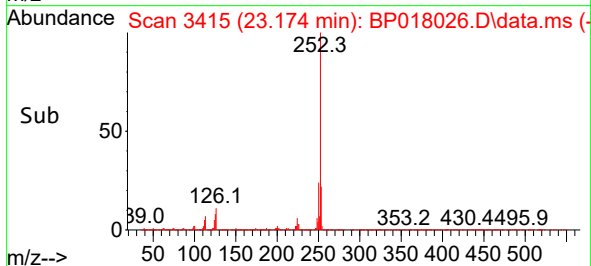
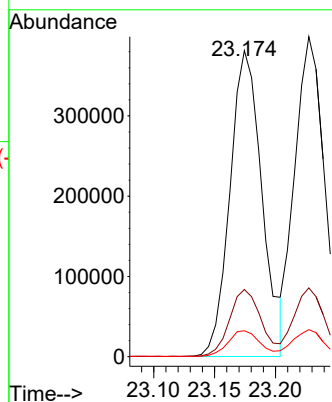
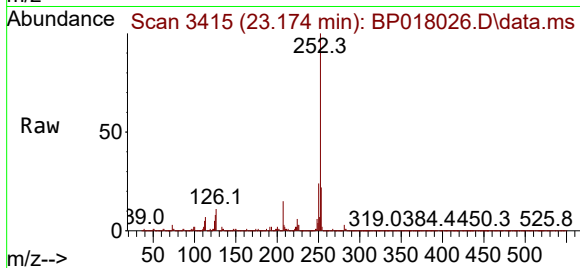
Tgt Ion:252 Resp: 697004

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 8.5 7.4 11.2



#91

Benzo(k)fluoranthene

Concen: 17.639 ng/ul

RT: 23.227 min Scan# 3424

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

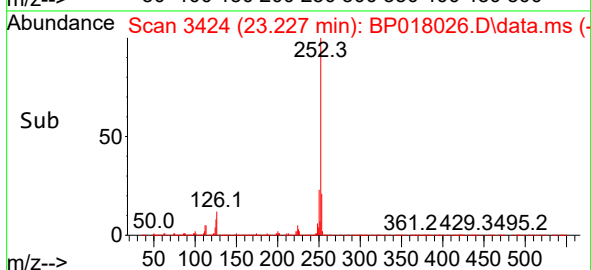
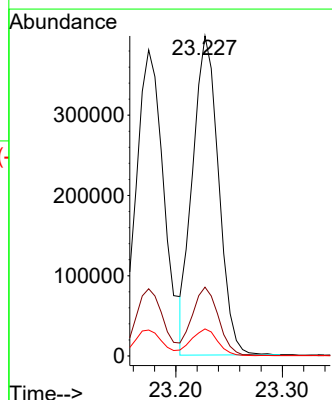
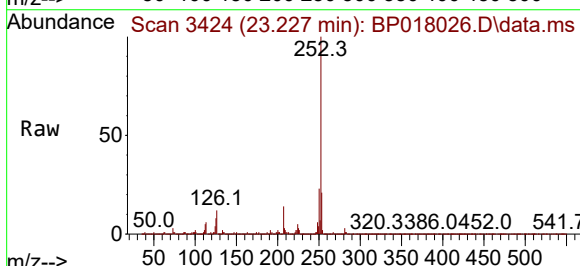
Tgt Ion:252 Resp: 672216

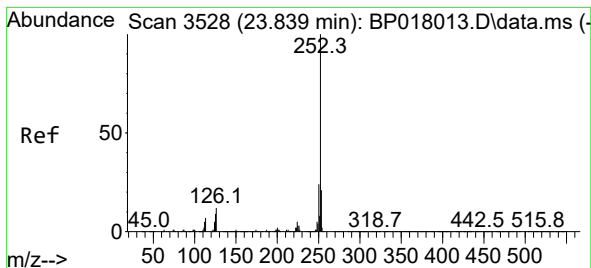
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 8.5 7.4 11.2





#93

Benzo(a)pyrene

Concen: 18.007 ng/ul

RT: 23.845 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

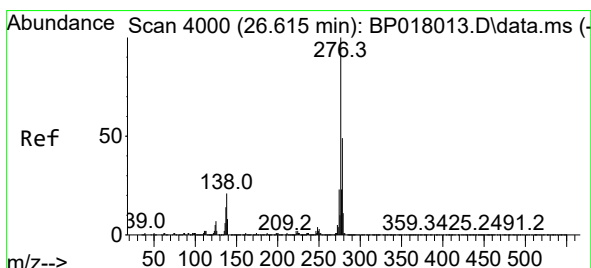
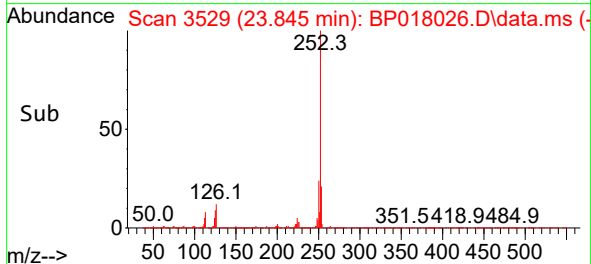
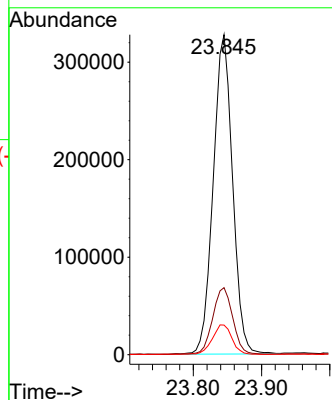
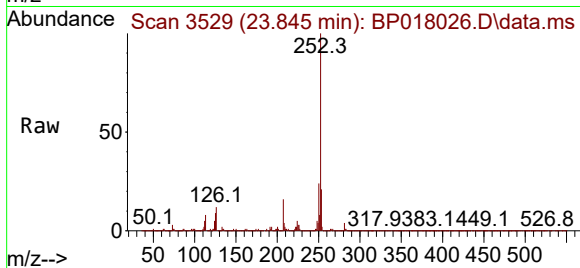
Tgt Ion:252 Resp: 648087

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.0

125 9.2 7.8 11.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.116 ng/ul

RT: 26.633 min Scan# 4003

Delta R.T. 0.000 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

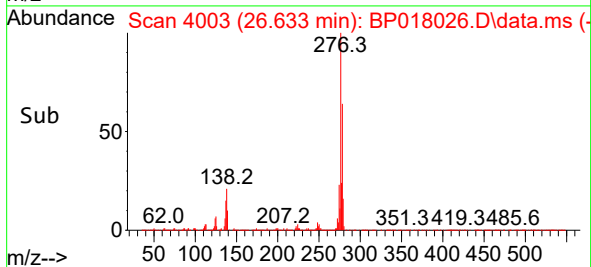
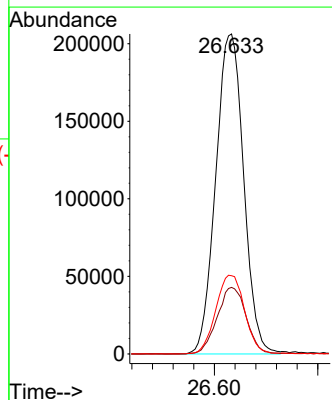
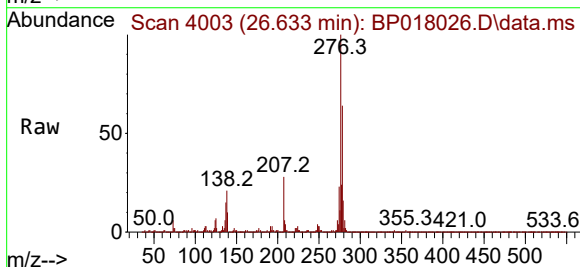
Tgt Ion:276 Resp: 772766

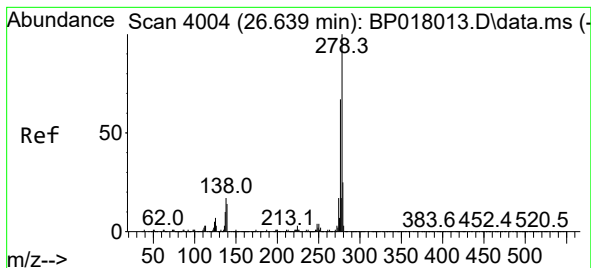
Ion Ratio Lower Upper

276 100

138 20.8 16.2 24.4

277 24.5 18.8 28.2





#95

Dibenzo(a,h)anthracene

Concen: 18.225 ng/ul

RT: 26.651 min Scan# 4004

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020665

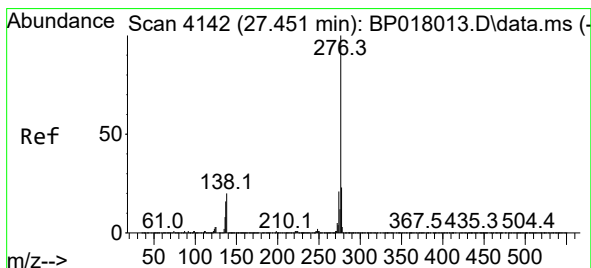
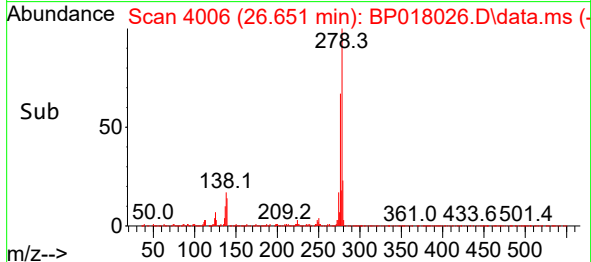
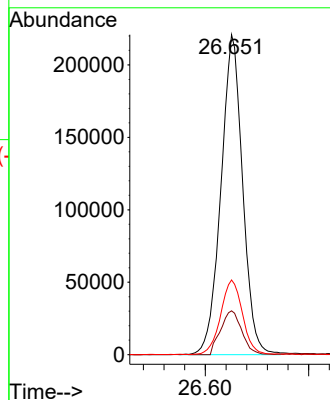
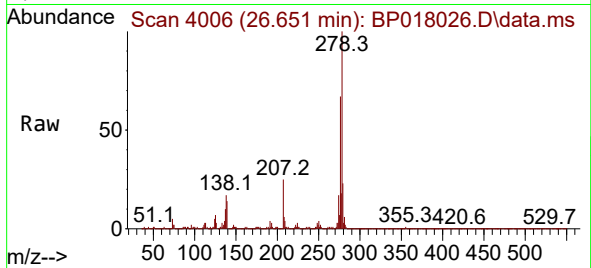
Tgt Ion:278 Resp: 642755

Ion Ratio Lower Upper

278 100

139 13.7 11.9 17.9

279 23.3 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 18.331 ng/ul

RT: 27.462 min Scan# 4144

Delta R.T. -0.006 min

Lab File: BP018026.D

Acq: 10 Nov 2023 13:50

Tgt Ion:276 Resp: 624030

Ion Ratio Lower Upper

276 100

138 19.1 15.0 22.6

277 23.1 19.0 28.6

