

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019198.D
 Acq On : 30 Dec 2023 10:35
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020732

Quant Time: Jan 01 00:22:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	187896	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	702635	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	430094	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	998156	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1110644	20.000	ng/u1	0.00
88) Perylene-d12	23.663	264	1320804	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	42814	7.782	ng/uL	0.00
4) Pyridine-d5	3.652	84	272801	19.756	ng/u1	0.00
7) Phenol-d5	6.975	99	324993	19.287	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	191892	19.685	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	260796	19.199	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	250979	19.132	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	118770	19.554	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	125450	19.111	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	258529	19.504	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.740	131	313633	19.236	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	713153	18.772	ng/u1	-0.01
49) Acenaphthylene-d8	14.134	160	807273	19.584	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	126777	19.763	ng/u1	0.00
60) Fluorene-d10	15.434	176	631158	19.231	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.563	200	116443	17.795	ng/u1	-0.01
73) Anthracene-d10	17.298	188	1006936	19.317	ng/u1	0.00
81) Pyrene-d10	19.539	212	1302173	19.238	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	1440437	18.973	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	46751	7.729	ng/uL	97
5) Pyridine	3.675	79	280437	20.007	ng/u1	99
6) Benzaldehyde	6.940	77	158193	20.220	ng/u1	100
8) Phenol	6.999	94	326277	19.604	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.228	93	267043	19.831	ng/u1	98
12) 2-Chlorophenol	7.364	128	263254	18.935	ng/u1	99
13) 2-Methylphenol	8.252	108	237124	19.260	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	311686	19.621	ng/u1	99
16) Acetophenone	8.628	105	381041	19.394	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.611	70	176231	17.988	ng/u1	97
18) 4-Methylphenol	8.581	108	253072	19.096	ng/u1	97
19) Hexachloroethane	8.869	117	112690	19.324	ng/u1	95
22) Nitrobenzene	9.005	77	287116	19.349	ng/u1	98
23) Isophorone	9.528	82	498547	18.631	ng/u1	98
25) 2-Nitrophenol	9.710	139	136739	19.510	ng/u1	99
26) 2,4-Dimethylphenol	9.781	107	245236	19.875	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	332025	18.773	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	248601	19.192	ng/u1	100
30) Naphthalene	10.646	128	813845	19.211	ng/u1	100
32) 4-Chloroaniline	10.763	127	303435	19.395	ng/u1	100
33) Hexachlorobutadiene	10.922	225	194424	19.503	ng/u1	99
34) Caprolactam	11.546	113	61631	18.013	ng/u1	91
35) 4-Chloro-3-methylphenol	11.893	107	241572	18.998	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	540574	18.926	ng/u1	100

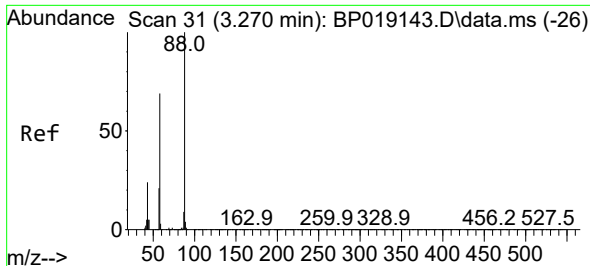
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	541505	18.801	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	337987	19.081	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	174615	17.760	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	194608	18.409	ng/ul	99
42) 2,4,5-Trichlorophenol	12.946	196	214943	19.155	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	707448	18.856	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	576755	19.158	ng/ul	99
45) 2-Nitroaniline	13.528	65	139512	19.304	ng/ul	95
47) Dimethylphthalate	13.904	163	706449	18.839	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	133616	19.390	ng/ul	98
50) Acenaphthylene	14.163	152	904409	19.501	ng/ul	100
51) 3-Nitroaniline	14.357	138	134238	19.927	ng/ul	97
52) Acenaphthene	14.504	153	602804	19.178	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	67924	15.300	ng/ul	95
55) 4-Nitrophenol	14.669	109	100264	19.557	ng/ul	96
56) Dibenzofuran	14.840	168	866204	19.297	ng/ul	98
57) 2,4-Dinitrotoluene	14.816	165	200963	19.830	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	183542	18.721	ng/ul	99
59) Diethylphthalate	15.275	149	679631	18.692	ng/ul	100
61) Fluorene	15.493	166	692135	19.265	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	372204	18.970	ng/ul	97
63) 4-Nitroaniline	15.522	138	132540	19.555	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.581	198	127324	18.377	ng/ul	99
67) N-Nitrosodiphenylamine	15.710	169	586629	19.257	ng/ul	98
68) 4-Bromophenyl-phenylether	16.387	248	238813	19.249	ng/ul	98
69) Hexachlorobenzene	16.492	284	285394	18.824	ng/ul	95
70) Atrazine	16.669	200	130009	15.122	ng/ul	100
71) Pentachlorophenol	16.845	266	161770	18.173	ng/ul	96
72) Phenanthrene	17.239	178	1161971	19.209	ng/ul	99
74) Anthracene	17.334	178	1175841	19.526	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	332522	19.160	ng/ul	99
76) Pentachlorobenzene	14.757	250	329608	19.112	ng/ul	99
77) Carbazole	17.610	167	1059851	21.158	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1173436	18.889	ng/ul	100
80) Fluoranthene	19.216	202	1471716	18.948	ng/ul	100
82) Pyrene	19.569	202	1557815	19.143	ng/ul	100
83) Butylbenzylphthalate	20.457	149	540553	18.596	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	540660	19.460	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1674211	19.079	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	794448	18.560	ng/ul	99
87) Chrysene	21.339	228	1563818	19.111	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1377555	18.238	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1785512	19.246	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	1693766	18.580	ng/ul	99
93) Benzo(a)pyrene	23.557	252	1669070	19.114	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.115	276	2112889	18.876	ng/ul	99
95) Dibenzo(a,h)anthracene	26.133	278	1761990	18.922	ng/ul	98
96) Benzo(g,h,i)perylene	26.868	276	1710472	19.068	ng/ul	98

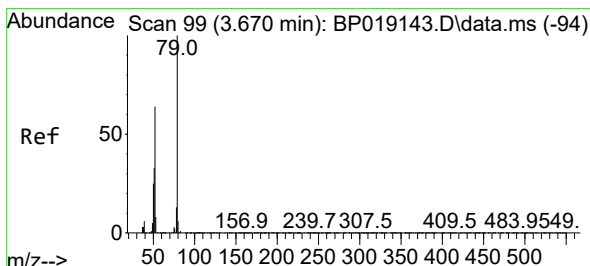
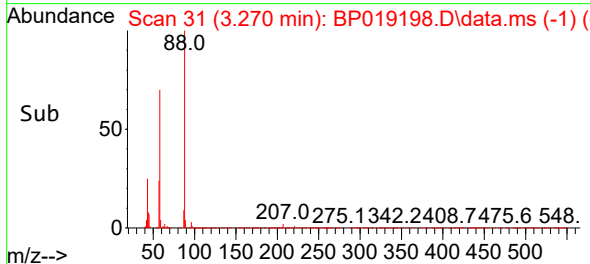
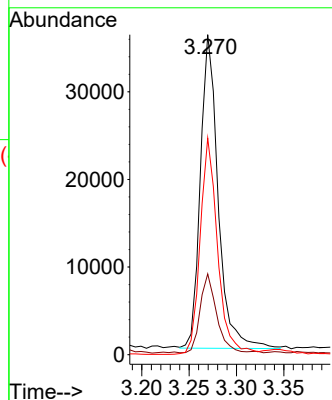
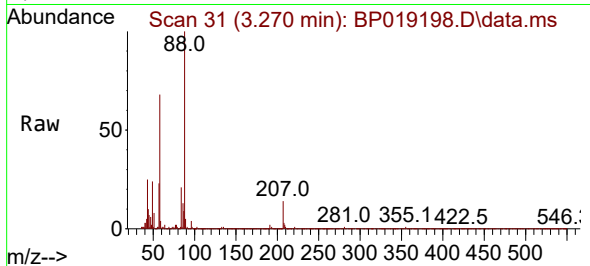
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#2
1,4-Dioxane
Concen: 7.729 ng/uL
RT: 3.270 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP019198.D
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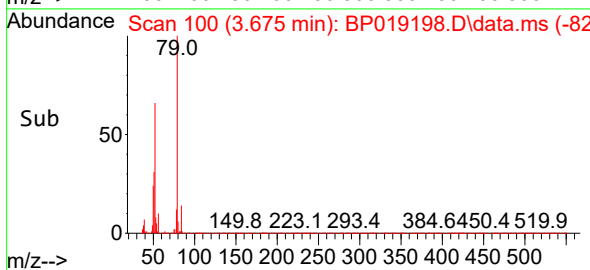
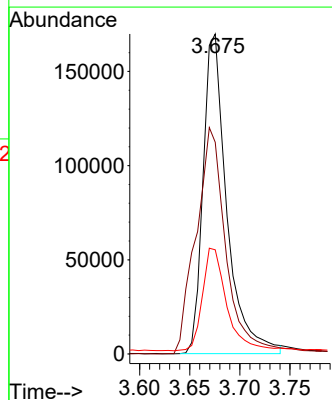
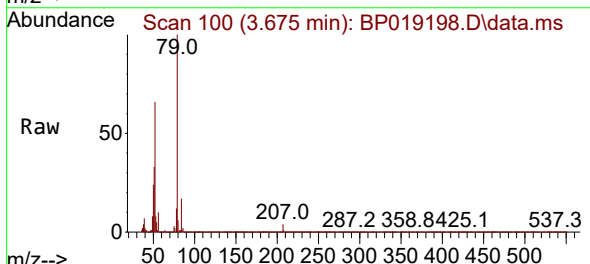
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ClientSampleId :
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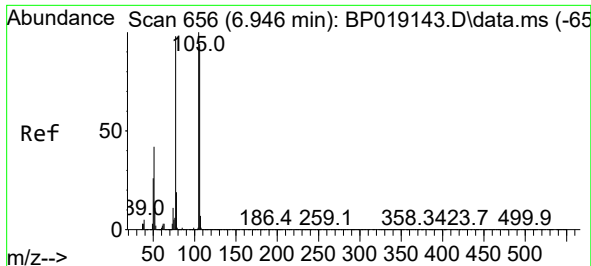
Tgt Ion: 88 Resp: 46751
Ion Ratio Lower Upper
88 100
43 25.2 21.0 31.4
58 67.7 56.6 84.8



#5
Pyridine
Concen: 20.007 ng/uL
RT: 3.675 min Scan# 100
Delta R.T. 0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion: 79 Resp: 280437
Ion Ratio Lower Upper
79 100
52 66.1 52.4 78.6
51 32.6 25.9 38.9

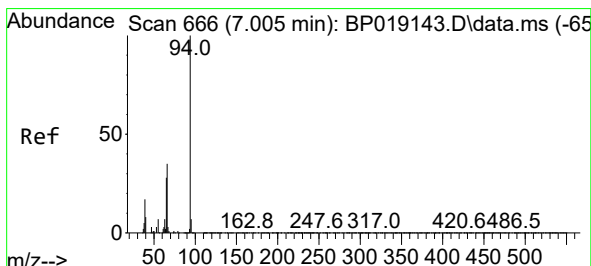
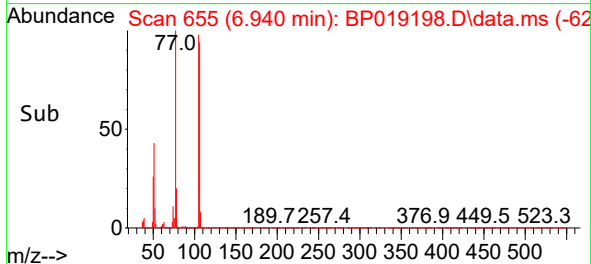
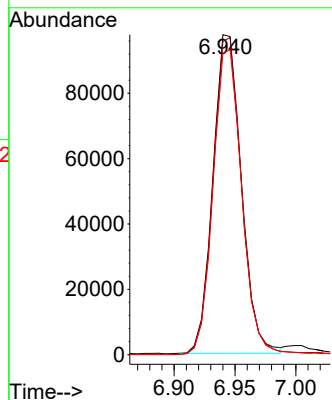
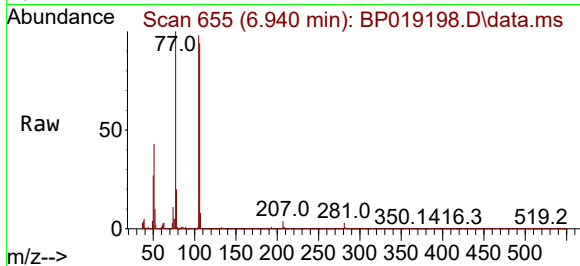




#6
Benzaldehyde
Concen: 20.220 ng/ul
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

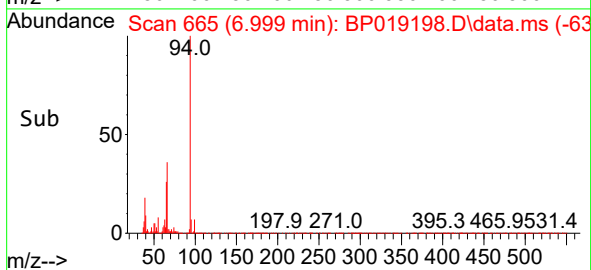
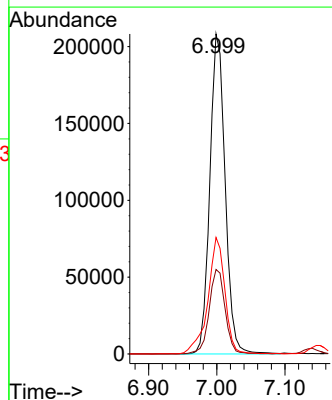
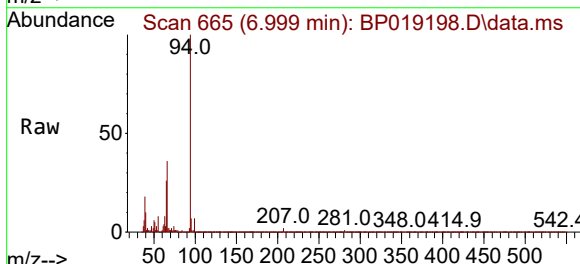
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ClientSampleId :
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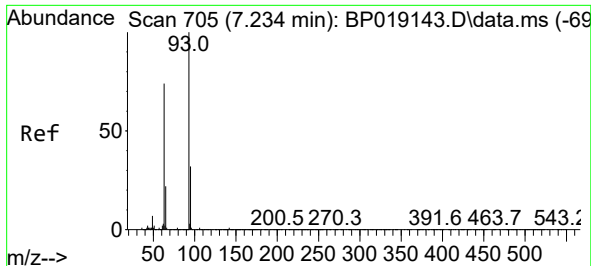
Tgt Ion: 77 Resp: 158193
Ion Ratio Lower Upper
77 100
105 97.9 78.6 117.8
106 94.1 74.8 112.2



#8
Phenol
Concen: 19.604 ng/ul
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion: 94 Resp: 326277
Ion Ratio Lower Upper
94 100
65 26.4 21.1 31.7
66 36.4 29.3 43.9

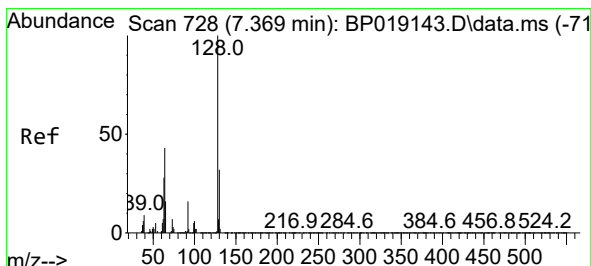
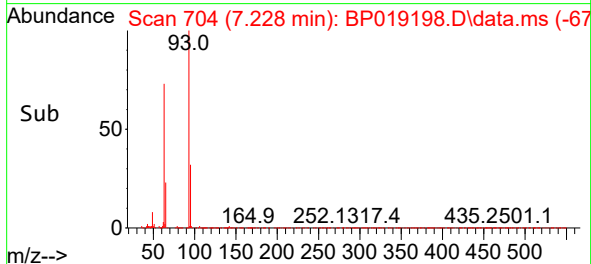
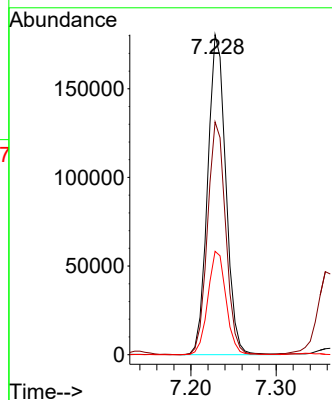
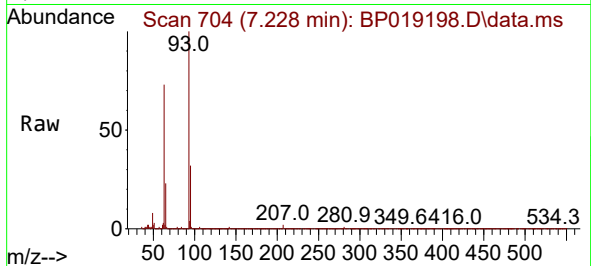




#10
Bis(2-Chloroethyl)ether
Concen: 19.831 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

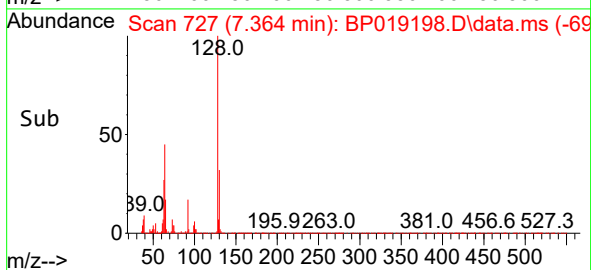
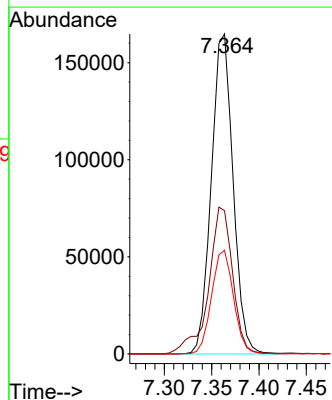
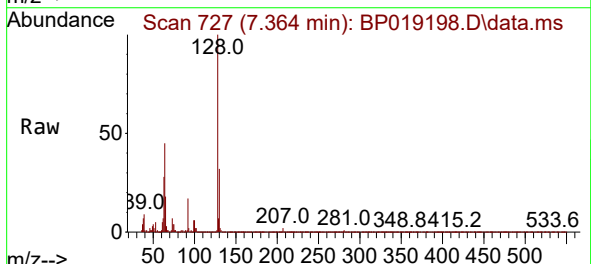
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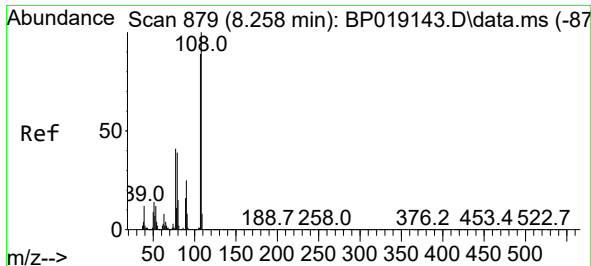
Tgt Ion: 93 Resp: 267043
Ion Ratio Lower Upper
93 100
63 72.8 59.4 89.0
95 32.3 26.6 40.0



#12
2-Chlorophenol
Concen: 18.935 ng/ul
RT: 7.364 min Scan# 727
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:128 Resp: 263254
Ion Ratio Lower Upper
128 100
64 44.8 35.9 53.9
130 32.4 25.3 37.9





#13

2-Methylphenol

Concen: 19.260 ng/ul

RT: 8.252 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

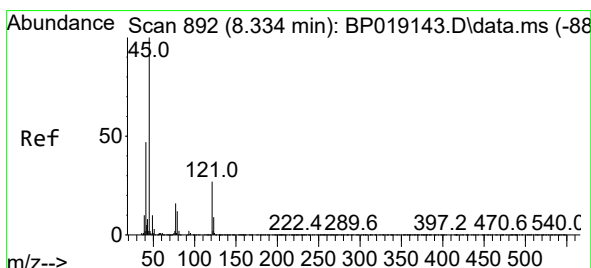
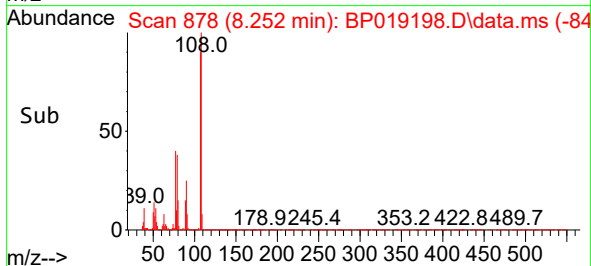
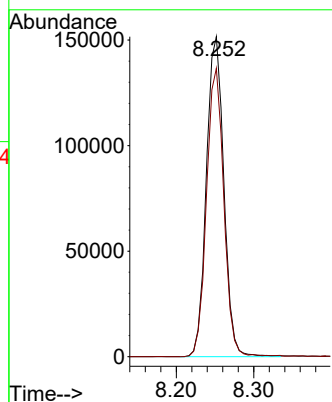
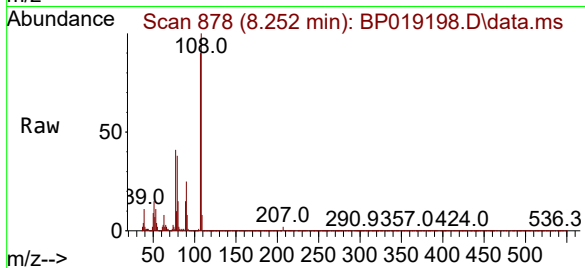
SSTD020732

Tgt Ion:108 Resp: 237124

Ion Ratio Lower Upper

108 100

107 90.1 72.6 109.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.621 ng/ul

RT: 8.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BP019198.D

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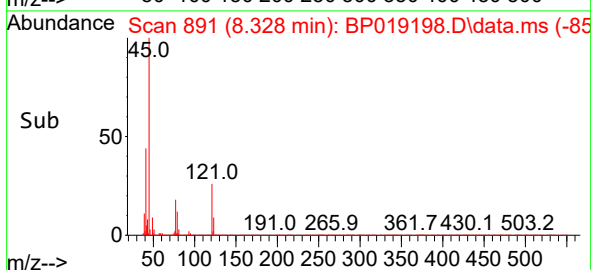
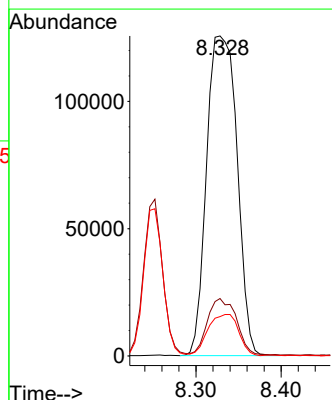
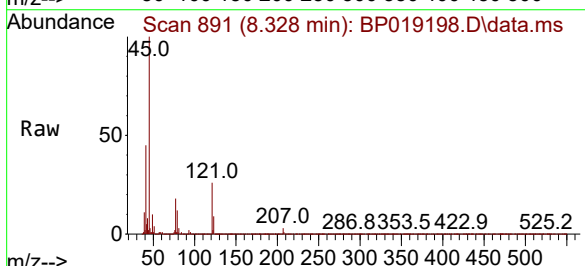
Tgt Ion: 45 Resp: 311686

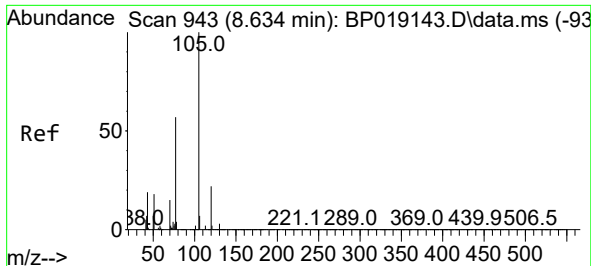
Ion Ratio Lower Upper

45 100

77 18.0 13.6 20.4

79 12.3 9.7 14.5

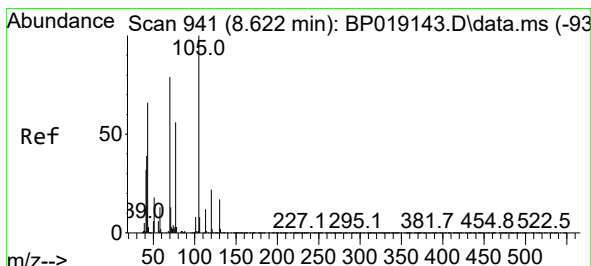
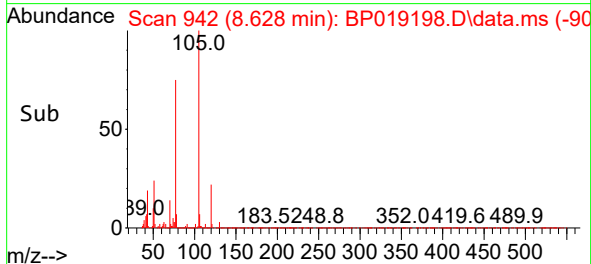
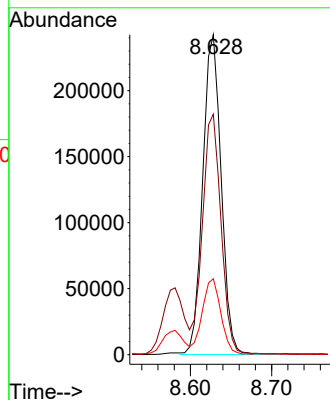
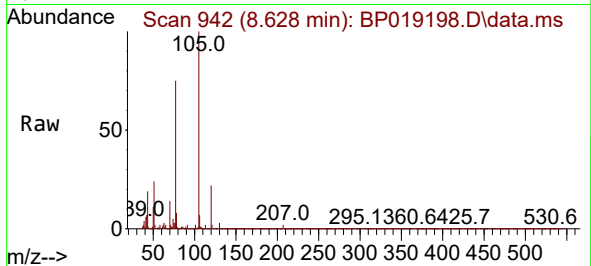




#16
Acetophenone
Concen: 19.394 ng/ul
RT: 8.628 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP019198.D
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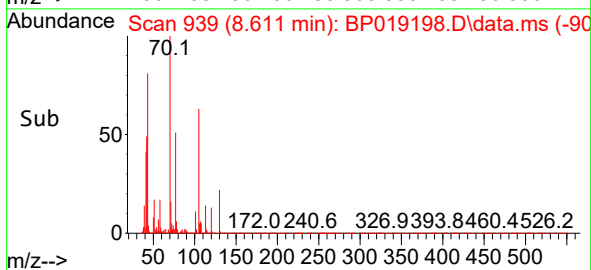
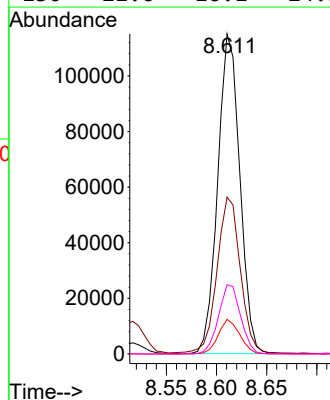
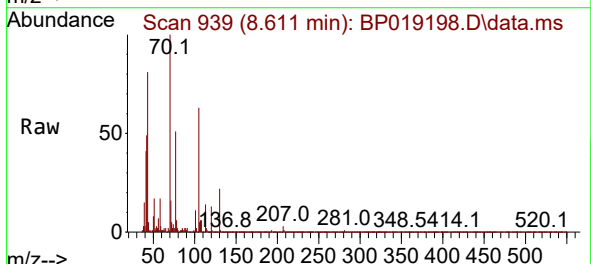
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ClientSampleId :
SSTD020732

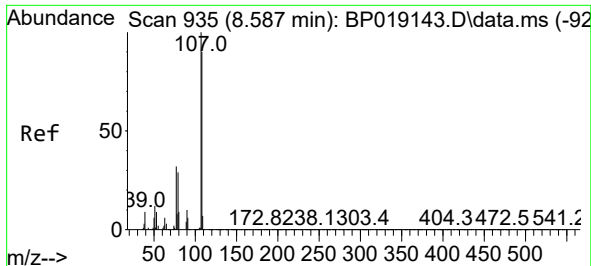
Tgt Ion:105 Resp: 381041
Ion Ratio Lower Upper
105 100
77 75.2 59.8 89.6
51 23.7 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 17.988 ng/ul
RT: 8.611 min Scan# 939
Delta R.T. -0.012 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion: 70 Resp: 176231
Ion Ratio Lower Upper
70 100
42 49.0 40.6 61.0
101 10.8 7.3 10.9
130 21.6 16.1 24.1

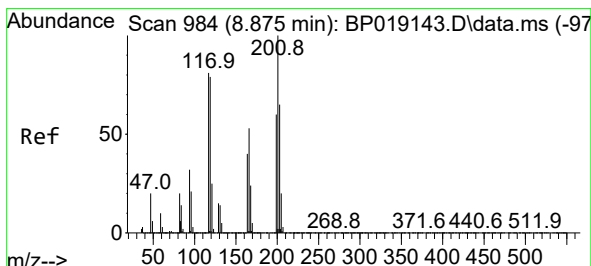
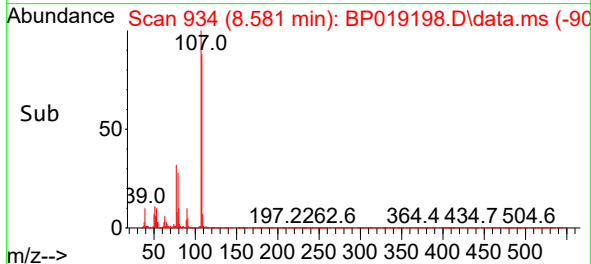
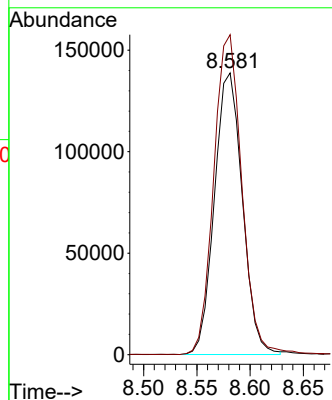
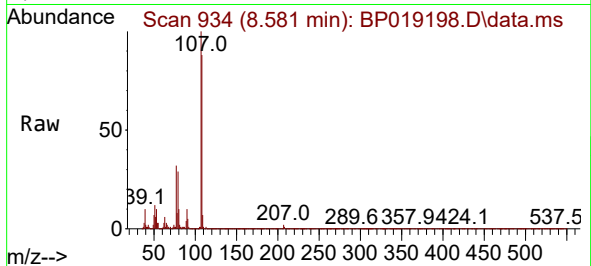




#18
4-Methylphenol
Concen: 19.096 ng/ul
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

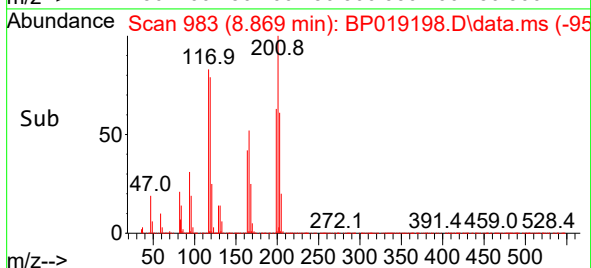
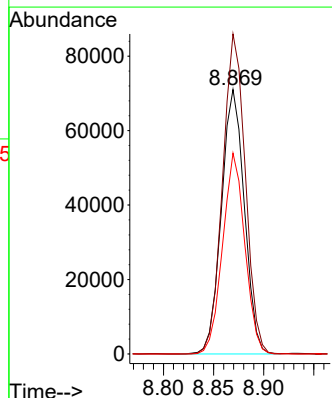
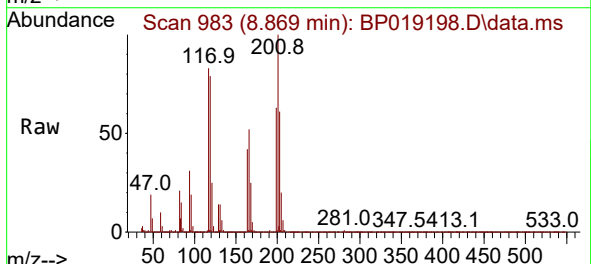
Instrument :
BNA_P
ClientSampleId :
SSTD020732

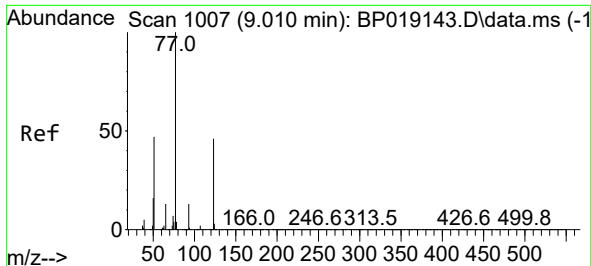
Tgt Ion:108 Resp: 253072
Ion Ratio Lower Upper
108 100
107 113.6 88.1 132.1



#19
Hexachloroethane
Concen: 19.324 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:117 Resp: 112690
Ion Ratio Lower Upper
117 100
201 121.0 92.5 138.7
199 75.9 56.9 85.3





#22

Nitrobenzene

Concen: 19.349 ng/ul

RT: 9.005 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

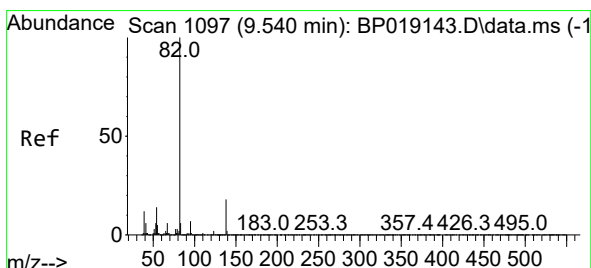
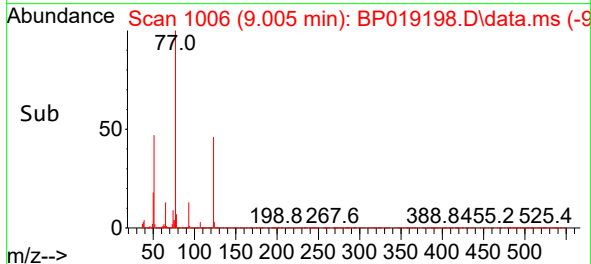
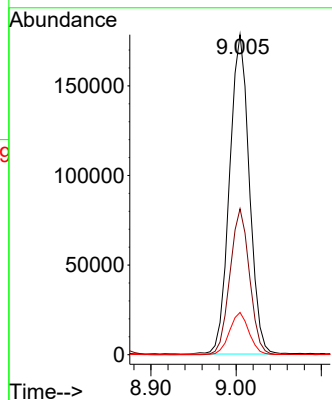
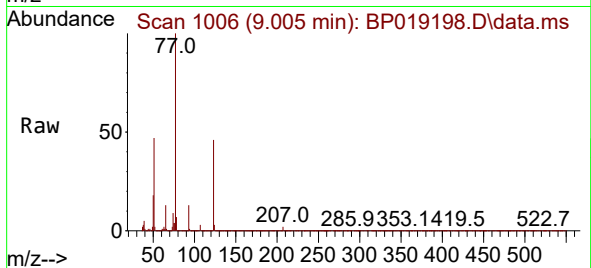
Tgt Ion: 77 Resp: 287116

Ion Ratio Lower Upper

77 100

123 45.6 35.5 53.3

65 13.2 10.3 15.5



#23

Isophorone

Concen: 18.631 ng/ul

RT: 9.528 min Scan# 1095

Delta R.T. -0.012 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

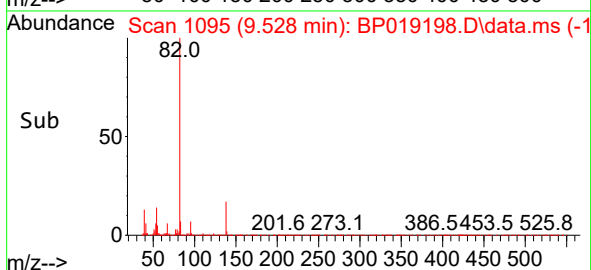
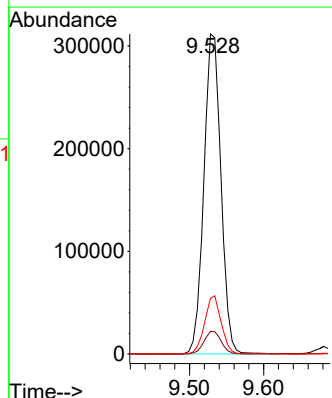
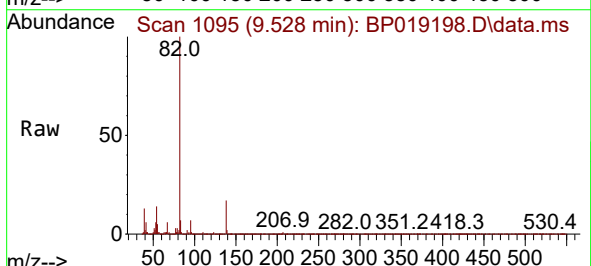
Tgt Ion: 82 Resp: 498547

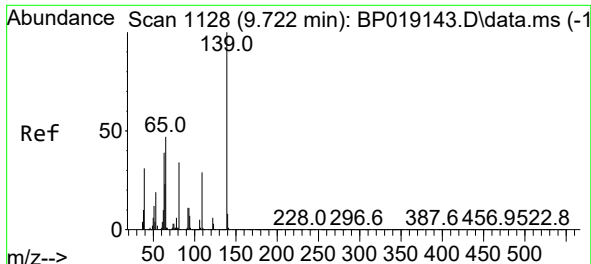
Ion Ratio Lower Upper

82 100

95 7.0 5.9 8.9

138 17.4 14.7 22.1

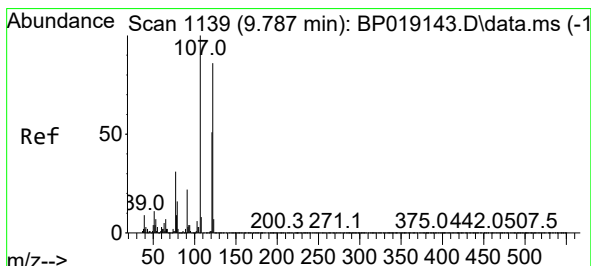
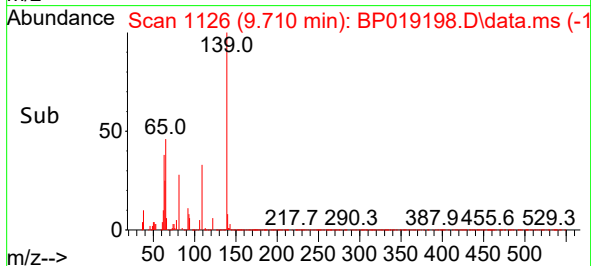
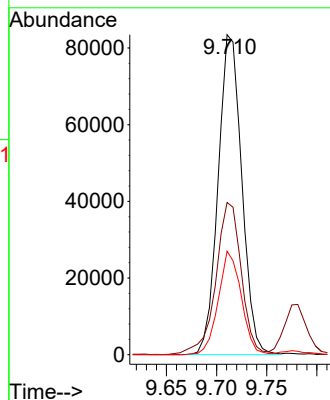
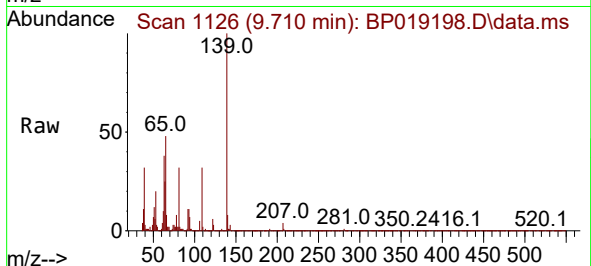




#25
2-Nitrophenol
Concen: 19.510 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

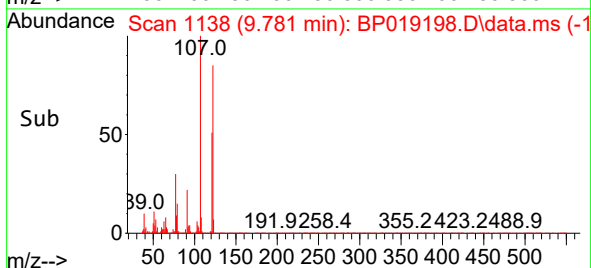
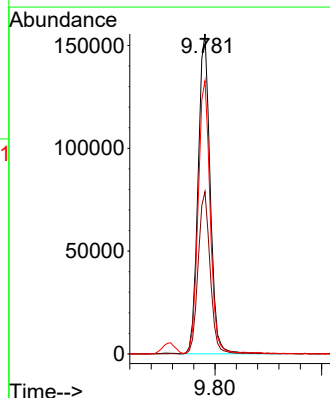
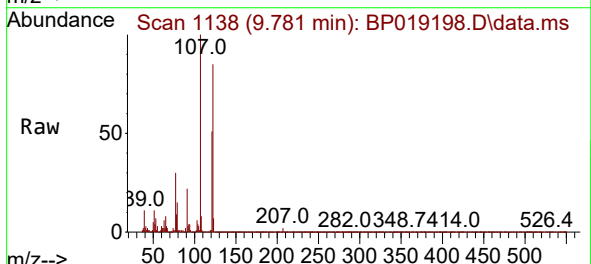
Instrument :
BNA_P
ClientSampleId :
SSTD020732

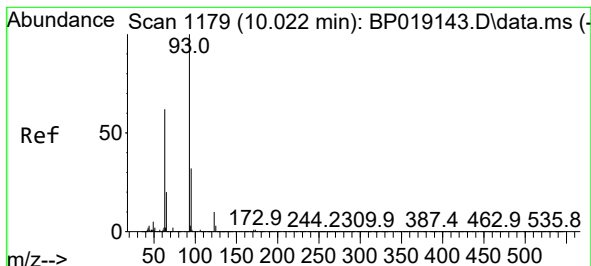
Tgt Ion:139 Resp: 136739
Ion Ratio Lower Upper
139 100
65 47.6 38.8 58.2
109 32.3 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 19.875 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:107 Resp: 245236
Ion Ratio Lower Upper
107 100
121 50.7 39.8 59.6
122 85.4 66.4 99.6

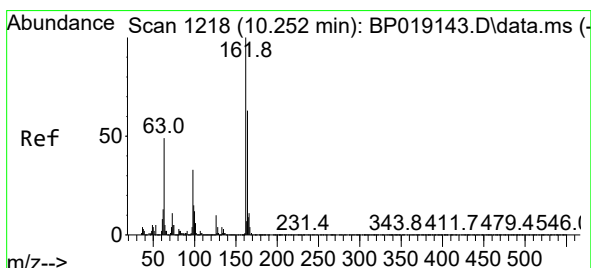
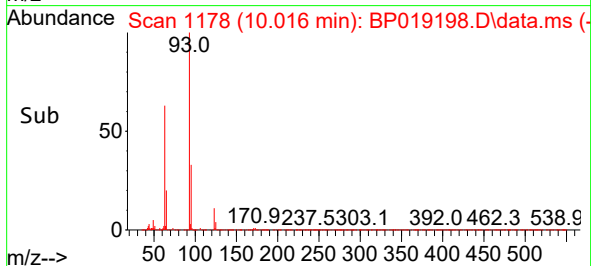
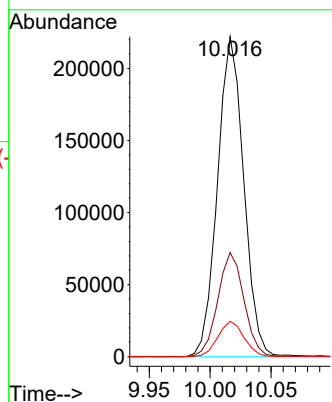
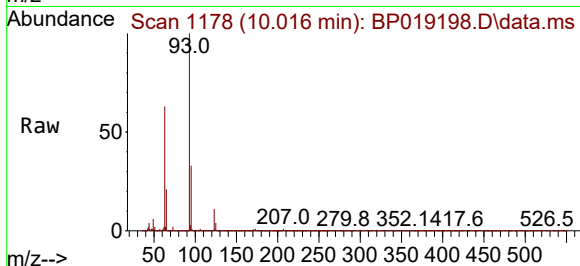




#27
Bis(2-Chloroethoxy)methane
Concen: 18.773 ng/ul
RT: 10.016 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

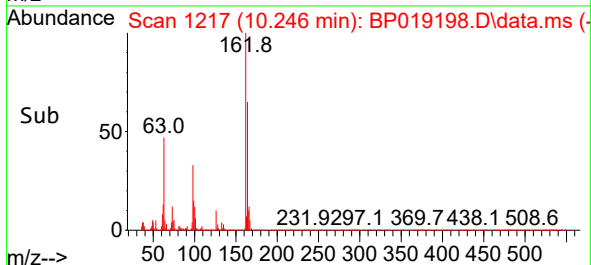
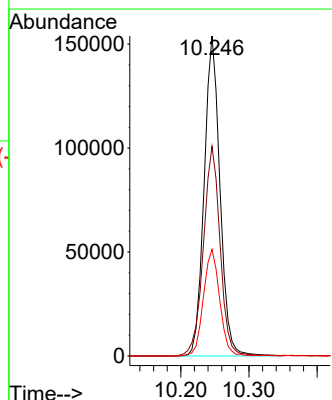
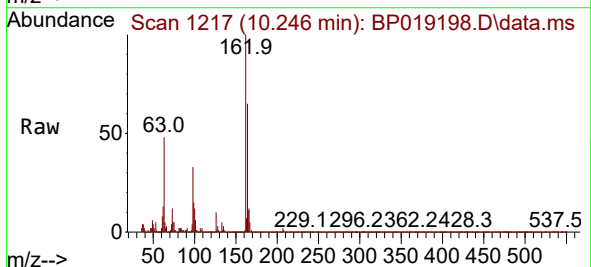
Instrument :
BNA_P
ClientSampleId :
SSTD020732

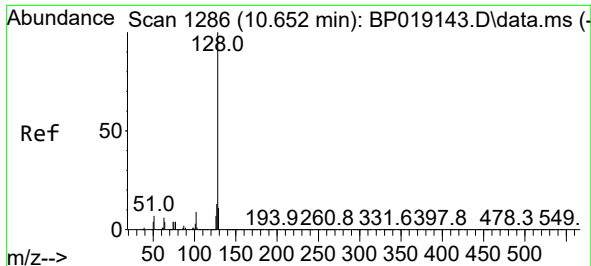
Tgt Ion: 93 Resp: 332025
Ion Ratio Lower Upper
93 100
95 32.5 26.7 40.1
123 11.1 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 19.192 ng/ul
RT: 10.246 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion: 162 Resp: 248601
Ion Ratio Lower Upper
162 100
164 65.5 52.6 78.8
98 33.3 26.7 40.1

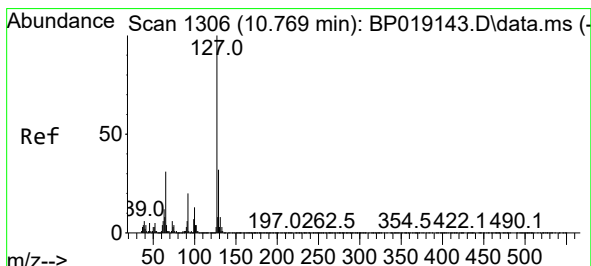
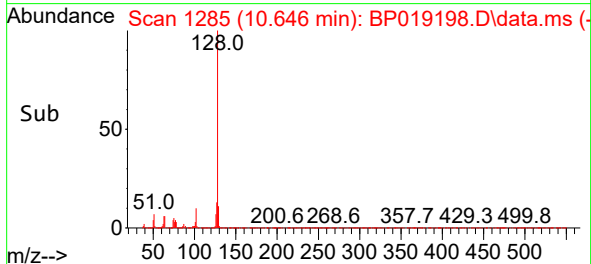
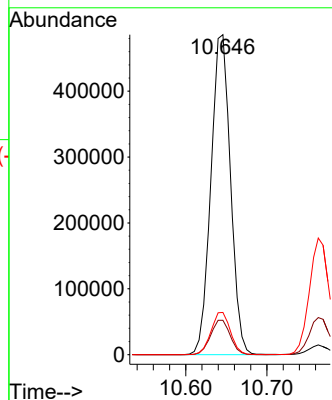
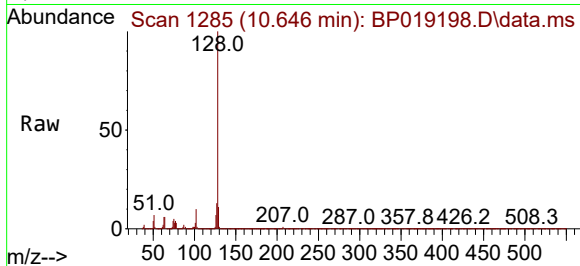




#30
Naphthalene
Concen: 19.211 ng/ul
RT: 10.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

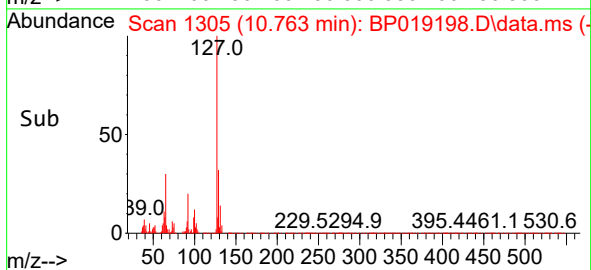
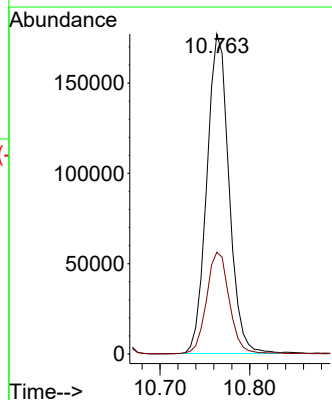
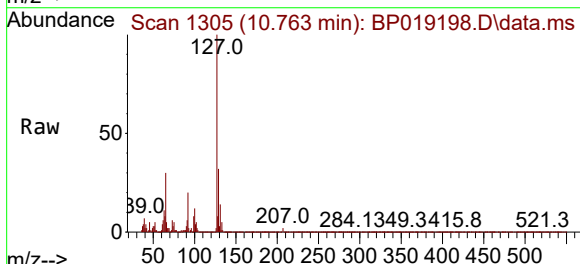
Instrument :
BNA_P
ClientSampleId :
SSTD020732

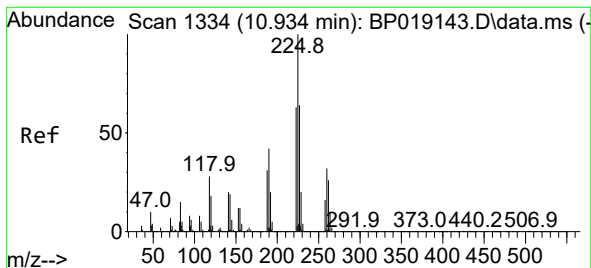
Tgt Ion:128 Resp: 813845
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.6 15.8



#32
4-Chloroaniline
Concen: 19.395 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:127 Resp: 303435
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4





#33

Hexachlorobutadiene

Concen: 19.503 ng/ul

RT: 10.922 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

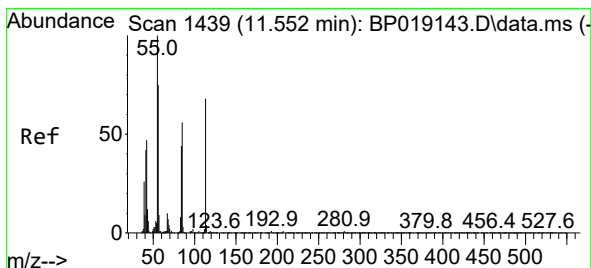
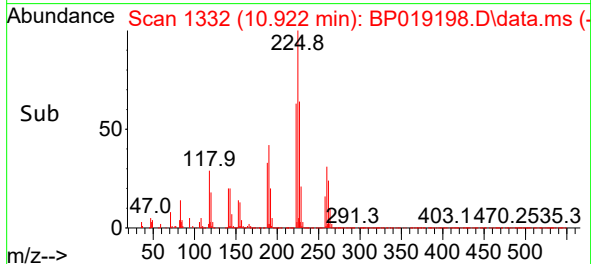
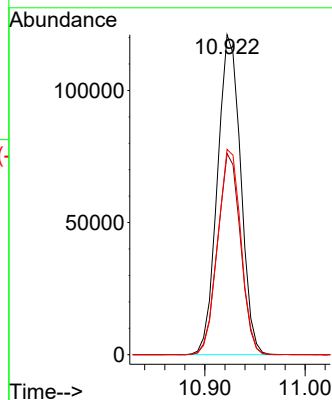
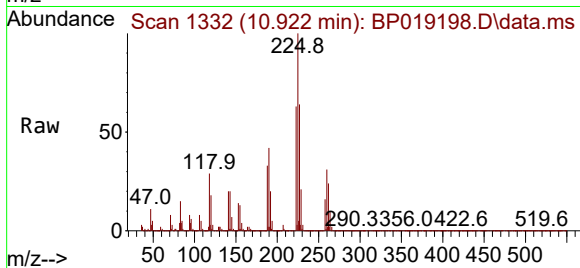
Tgt Ion:225 Resp: 194424

Ion Ratio Lower Upper

225 100

223 62.9 50.5 75.7

227 64.1 53.0 79.4



#34

Caprolactam

Concen: 18.013 ng/ul

RT: 11.546 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

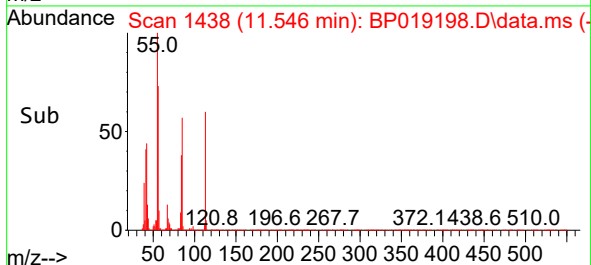
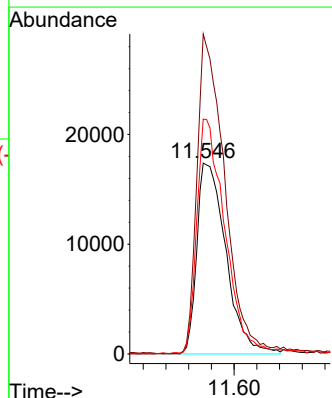
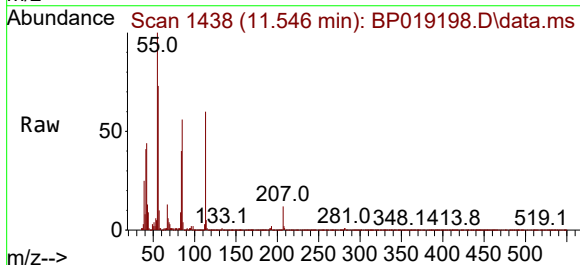
Tgt Ion:113 Resp: 61631

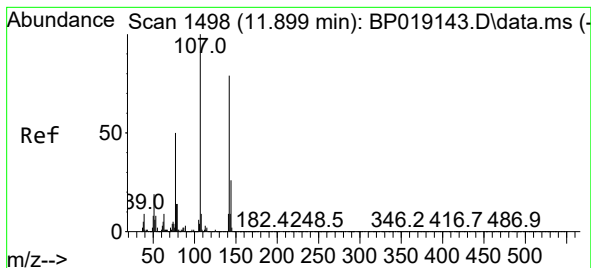
Ion Ratio Lower Upper

113 100

55 167.7 122.6 184.0

56 123.1 93.0 139.4

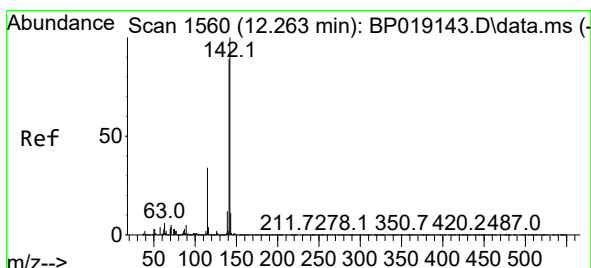
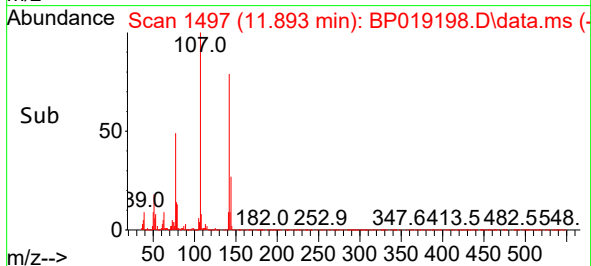
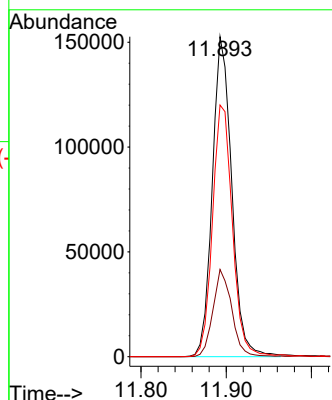
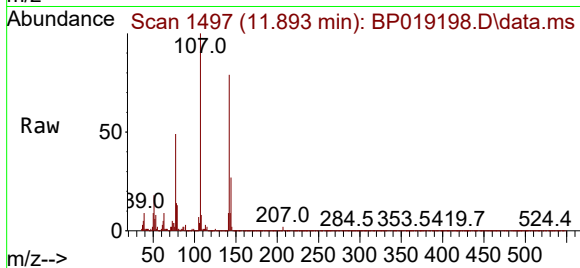




#35
4-Chloro-3-methylphenol
Concen: 18.998 ng/ul
RT: 11.893 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

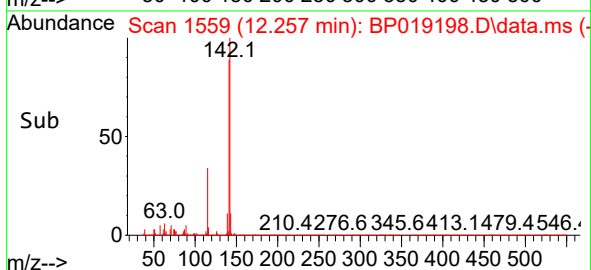
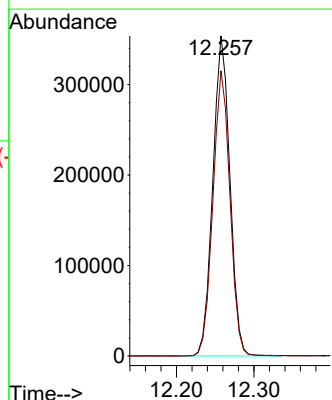
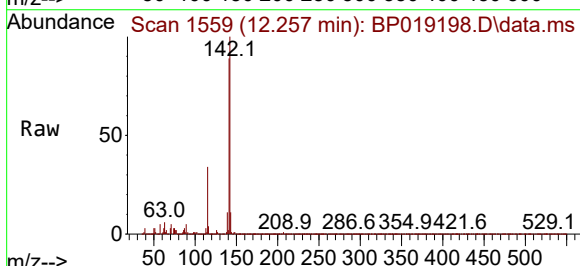
Instrument :
BNA_P
ClientSampleId :
SSTD020732

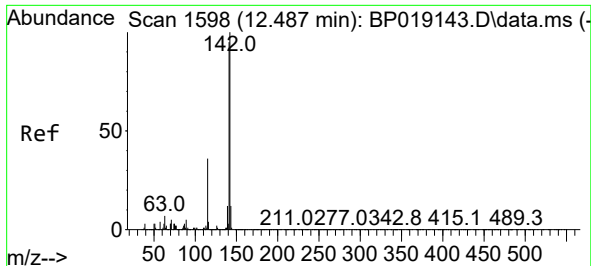
Tgt Ion:107 Resp: 241572
Ion Ratio Lower Upper
107 100
144 27.3 21.0 31.6
142 78.7 64.8 97.2



#36
2-Methylnaphthalene
Concen: 18.926 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:142 Resp: 540574
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5





#37

1-Methylnaphthalene

Concen: 18.801 ng/ul

RT: 12.475 min Scan# 1598

Delta R.T. -0.012 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

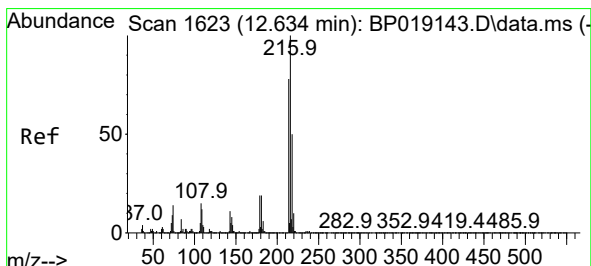
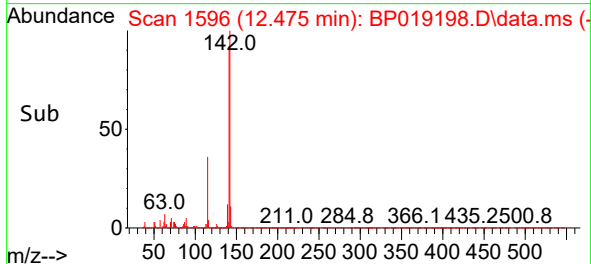
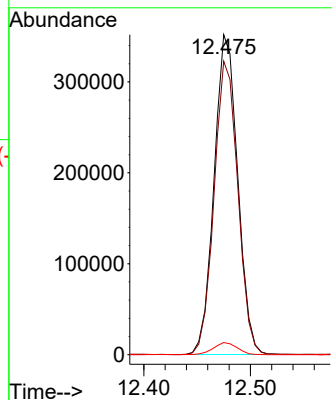
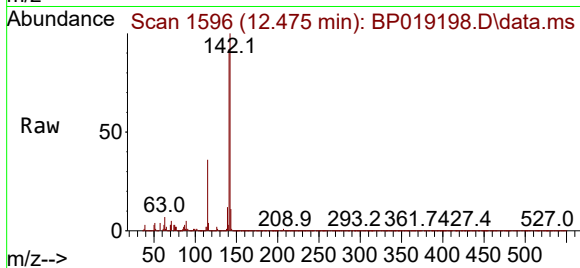
Tgt Ion:142 Resp: 541505

Ion Ratio Lower Upper

142 100

141 91.7 74.4 111.6

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.081 ng/ul

RT: 12.628 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Tgt Ion:216 Resp: 337987

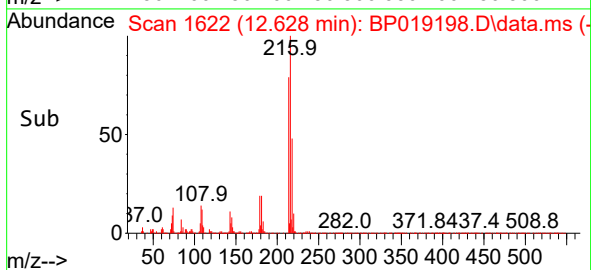
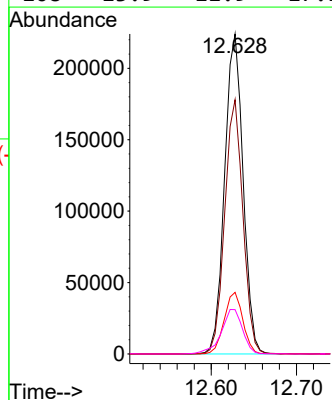
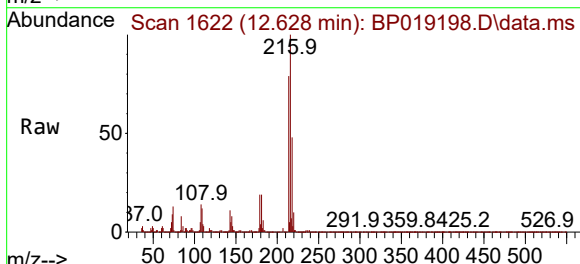
Ion Ratio Lower Upper

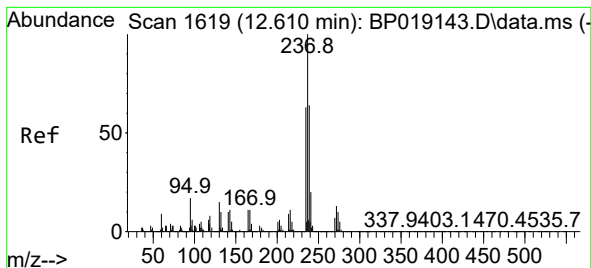
216 100

214 79.5 62.6 94.0

179 19.2 15.8 23.8

108 13.9 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 17.760 ng/ul

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

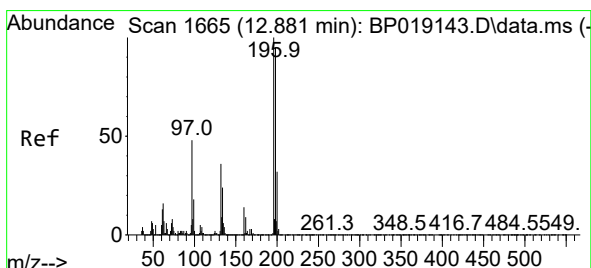
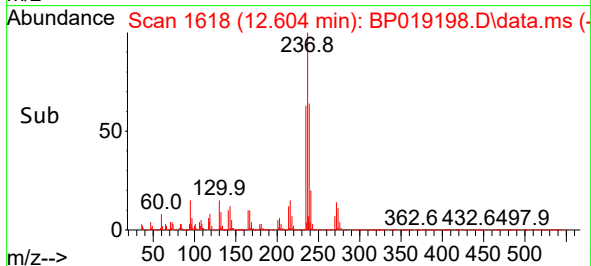
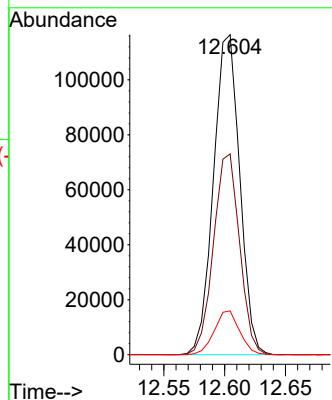
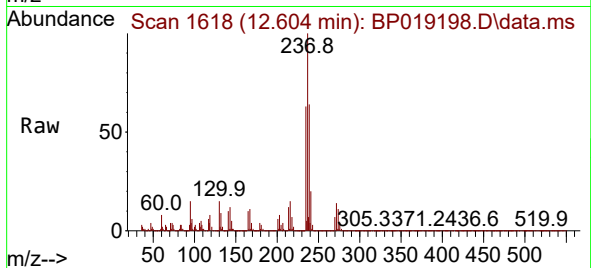
Tgt Ion:237 Resp: 174615

Ion Ratio Lower Upper

237 100

235 62.7 51.2 76.8

272 14.5 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 18.409 ng/ul

RT: 12.875 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

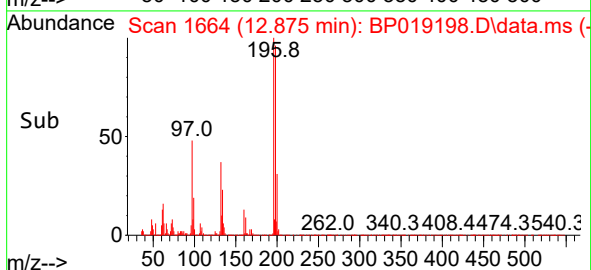
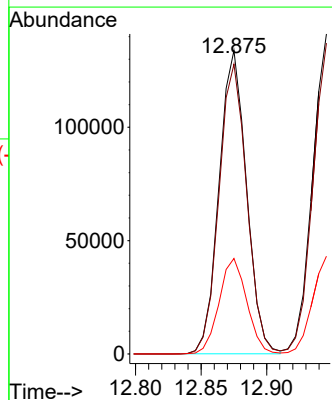
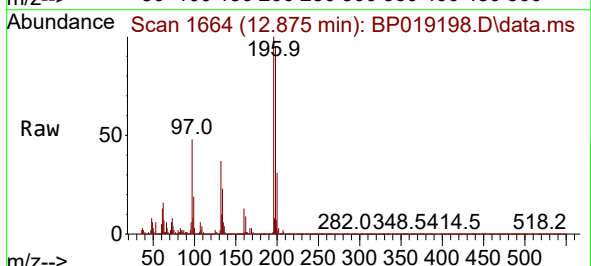
Tgt Ion:196 Resp: 194608

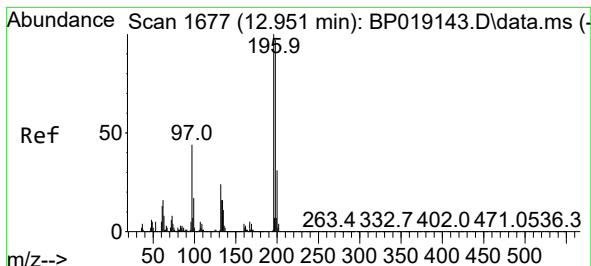
Ion Ratio Lower Upper

196 100

198 95.5 77.4 116.0

200 31.5 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 19.155 ng/ul

RT: 12.946 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

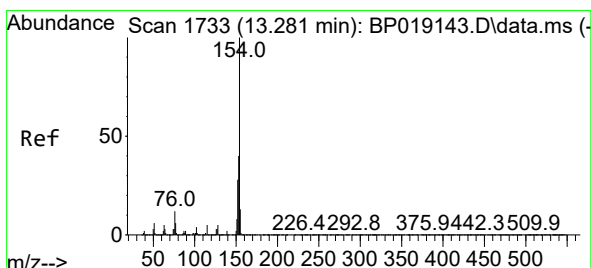
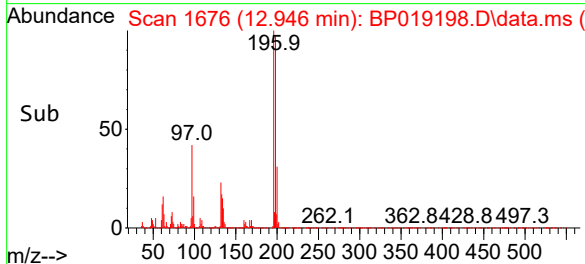
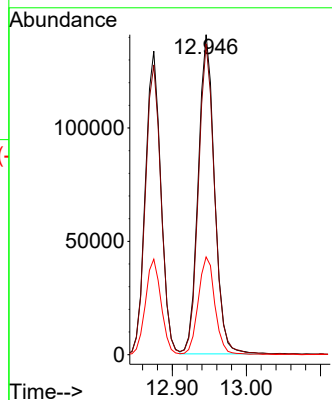
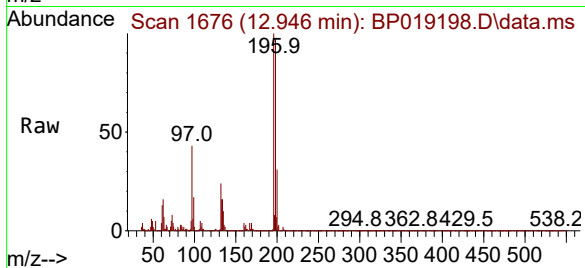
Tgt Ion:196 Resp: 214943

Ion Ratio Lower Upper

196 100

198 97.1 77.3 115.9

200 30.6 25.7 38.5



#43

1,1'-Biphenyl

Concen: 18.856 ng/ul

RT: 13.275 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

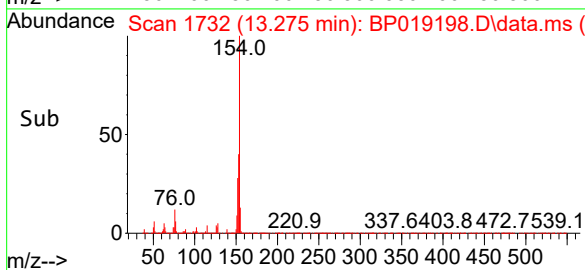
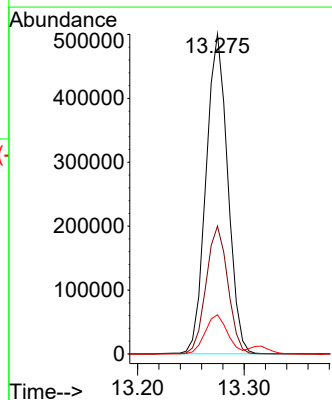
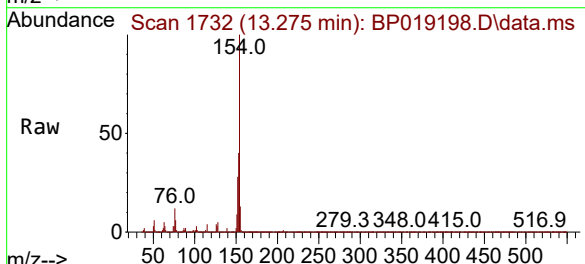
Tgt Ion:154 Resp: 707448

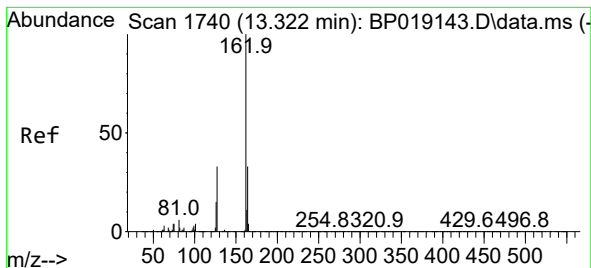
Ion Ratio Lower Upper

154 100

153 39.9 31.9 47.9

76 12.3 9.5 14.3





#44

2-Chloronaphthalene

Concen: 19.158 ng/ul

RT: 13.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

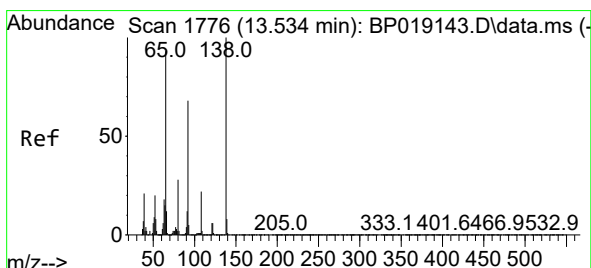
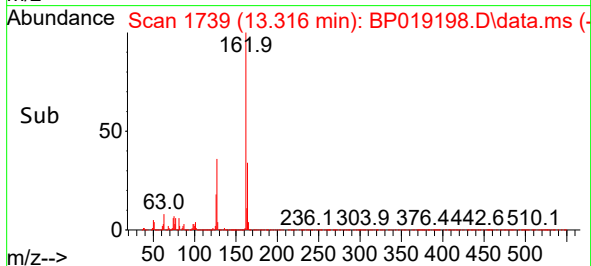
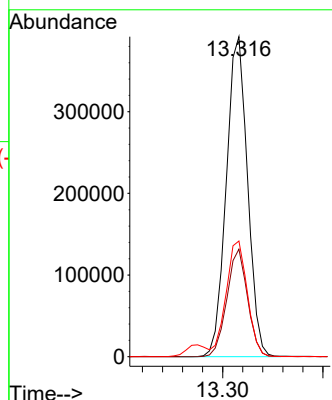
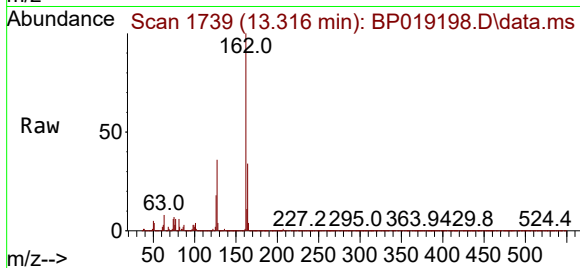
Tgt Ion:162 Resp: 576755

Ion Ratio Lower Upper

162 100

164 33.6 26.2 39.4

127 36.2 28.8 43.2



#45

2-Nitroaniline

Concen: 19.304 ng/ul

RT: 13.528 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

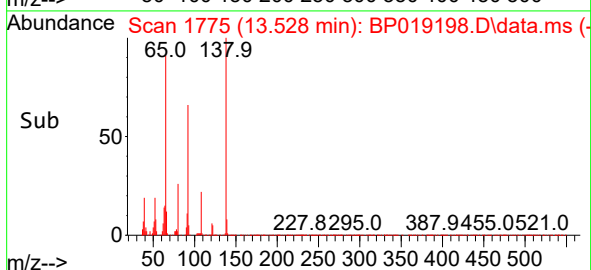
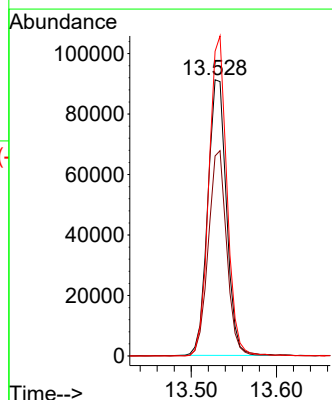
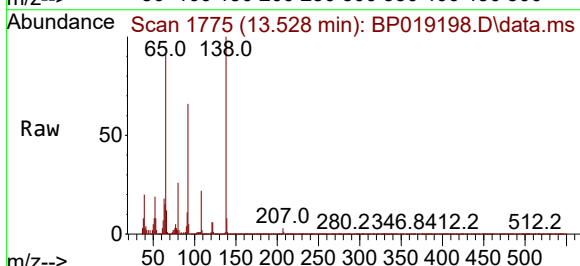
Tgt Ion: 65 Resp: 139512

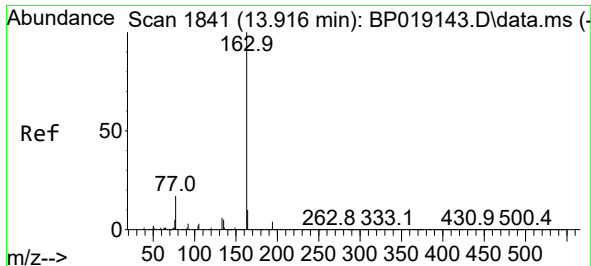
Ion Ratio Lower Upper

65 100

92 72.4 60.2 90.4

138 110.3 92.9 139.3

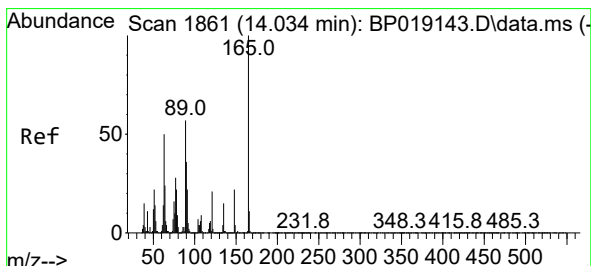
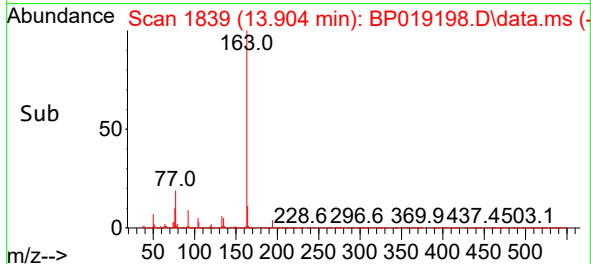
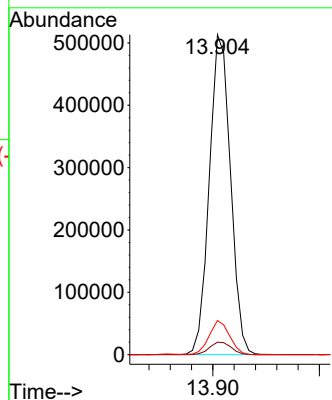
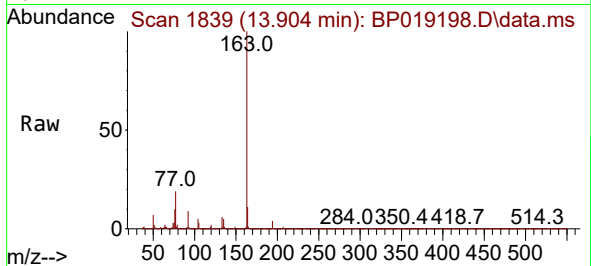




#47
Dimethylphthalate
Concen: 18.839 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

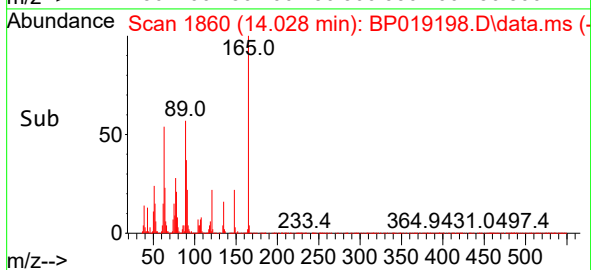
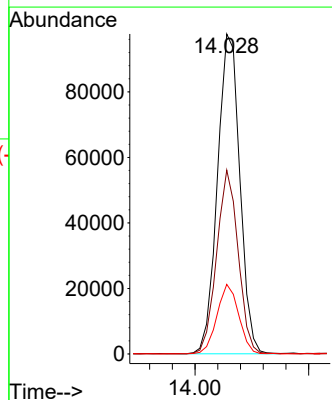
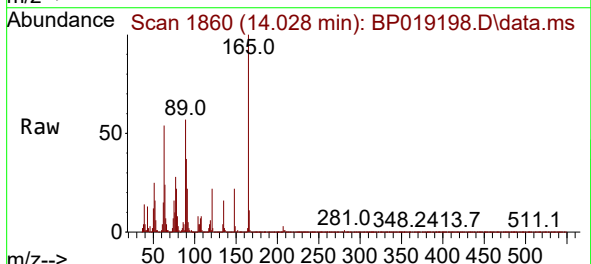
Instrument :
BNA_P
ClientSampleId :
SSTD020732

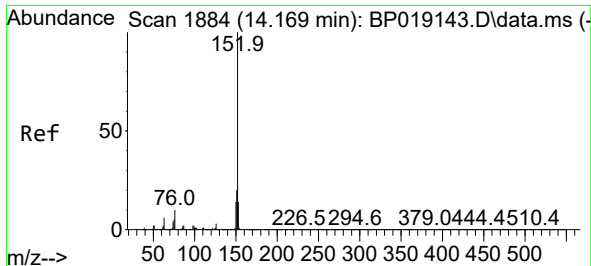
Tgt Ion:163 Resp: 706449
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.6 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 19.390 ng/ul
RT: 14.028 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:165 Resp: 133616
Ion Ratio Lower Upper
165 100
89 57.4 45.1 67.7
121 21.8 16.7 25.1

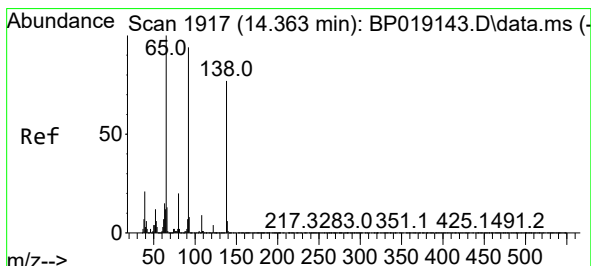
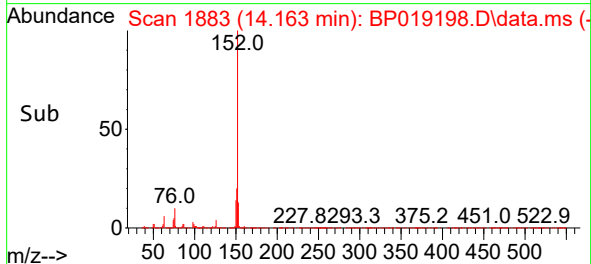
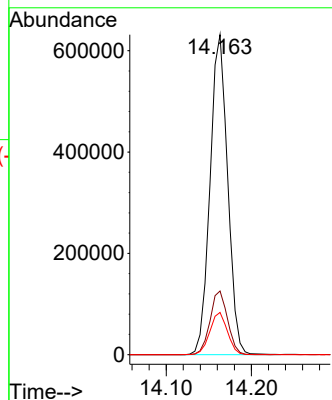
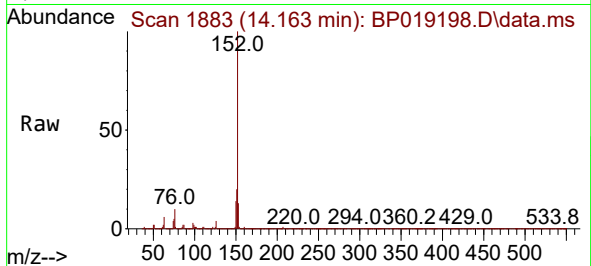




#50
Acenaphthylene
Concen: 19.501 ng/ul
RT: 14.163 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

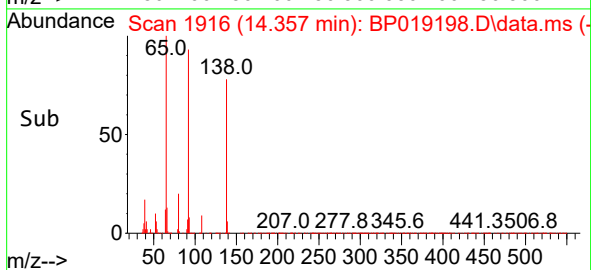
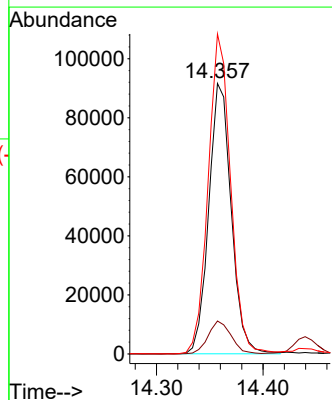
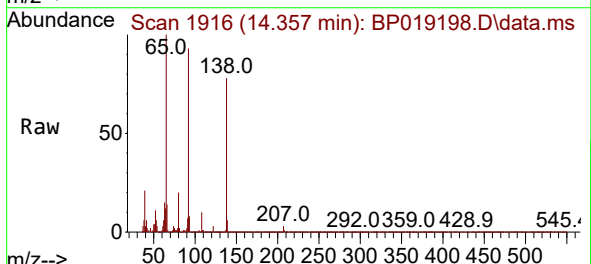
Instrument :
BNA_P
ClientSampleId :
SSTD020732

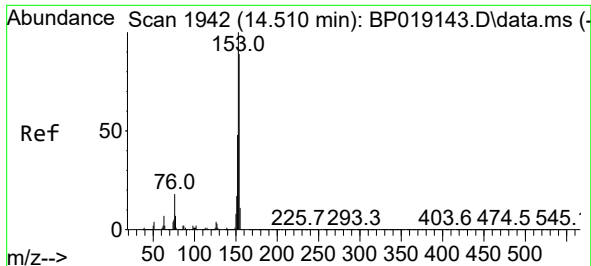
Tgt Ion:152 Resp: 904409
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 19.927 ng/ul
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:138 Resp: 134238
Ion Ratio Lower Upper
138 100
108 12.2 9.8 14.6
92 118.3 91.9 137.9

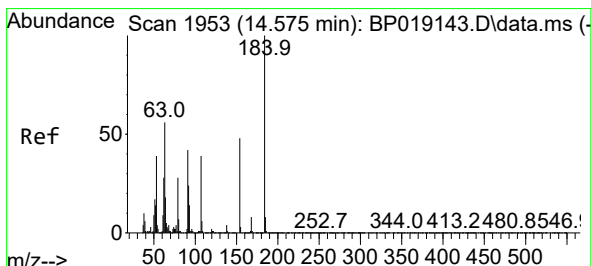
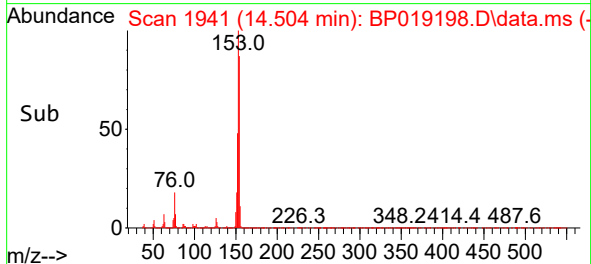
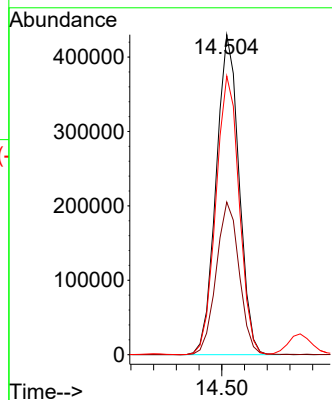
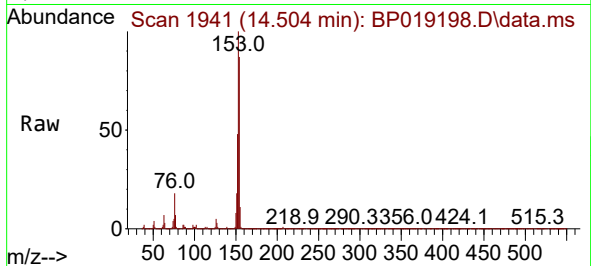




#52
Acenaphthene
Concen: 19.178 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

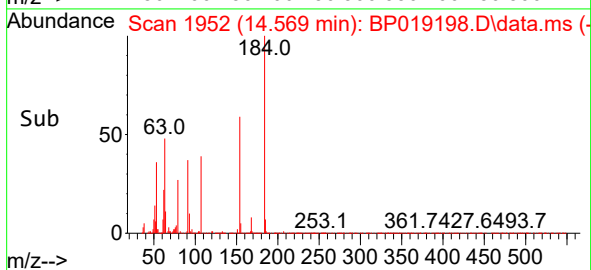
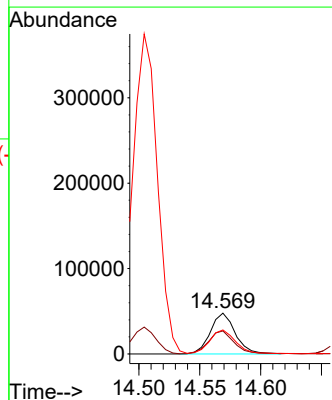
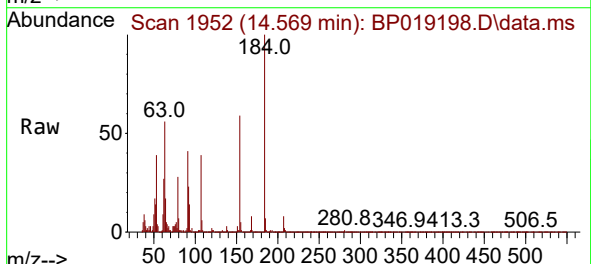
Instrument :
BNA_P
ClientSampleId :
SSTD020732

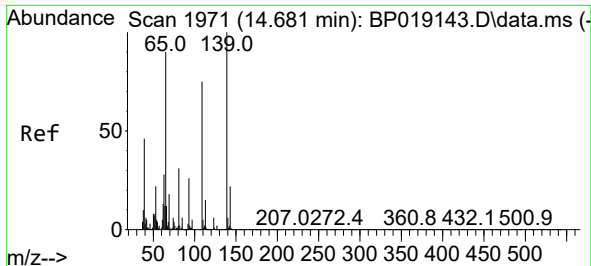
Tgt Ion:153 Resp: 602804
Ion Ratio Lower Upper
153 100
152 47.7 38.1 57.1
154 87.1 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 15.300 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:184 Resp: 67924
Ion Ratio Lower Upper
184 100
63 56.4 48.5 72.7
154 58.7 49.3 73.9

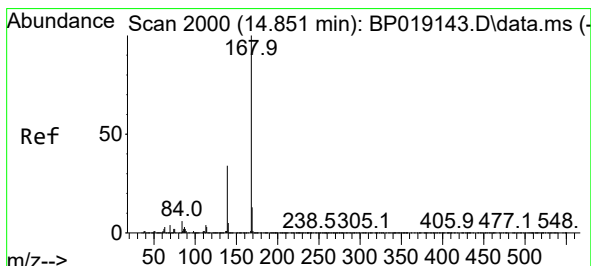
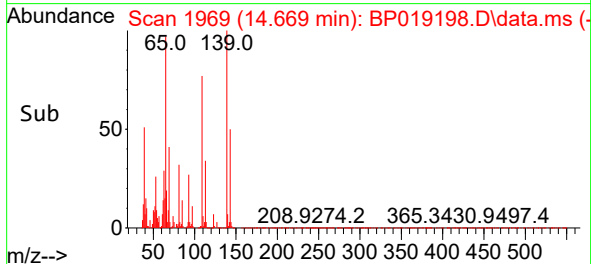
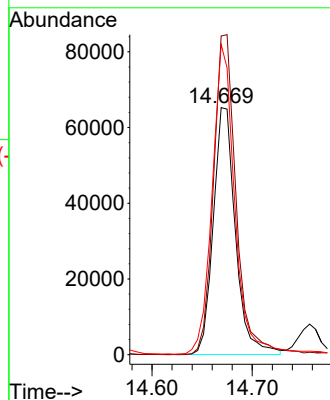
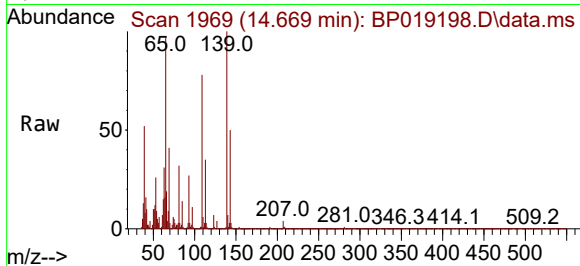




#55
4-Nitrophenol
Concen: 19.557 ng/ul
RT: 14.669 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

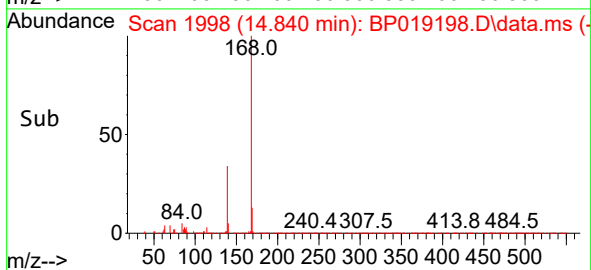
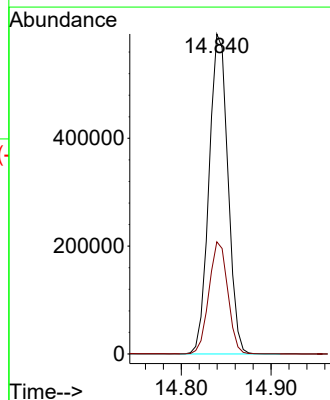
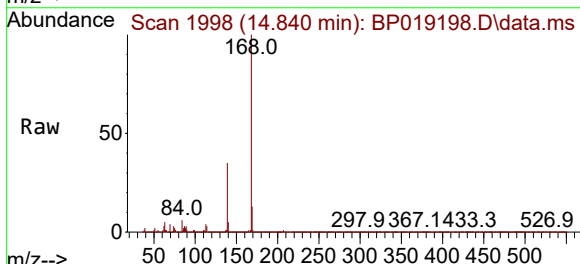
Instrument :
BNA_P
ClientSampleId :
SSTD020732

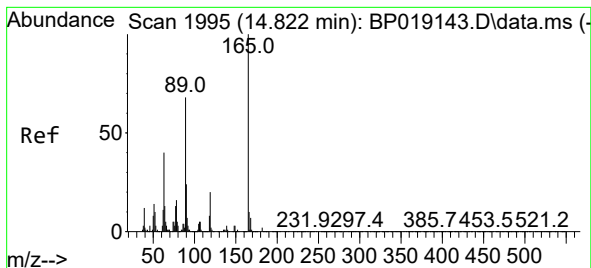
Tgt Ion:109 Resp: 100264
Ion Ratio Lower Upper
109 100
139 129.0 102.6 154.0
65 125.5 92.9 139.3



#56
Dibenzofuran
Concen: 19.297 ng/ul
RT: 14.840 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:168 Resp: 866204
Ion Ratio Lower Upper
168 100
139 35.1 27.4 41.0

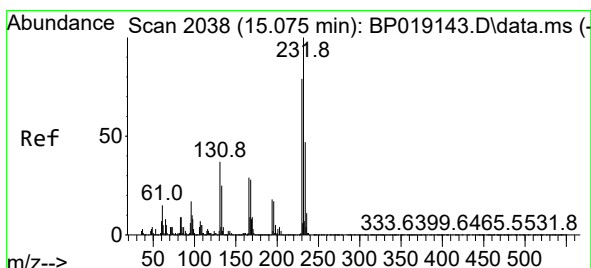
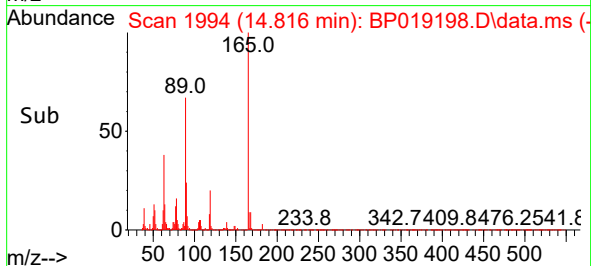
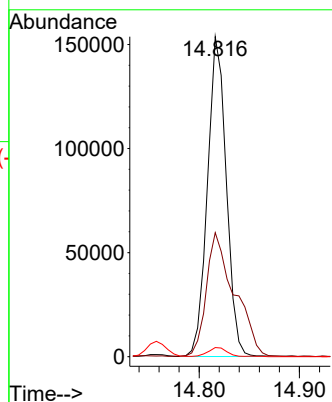
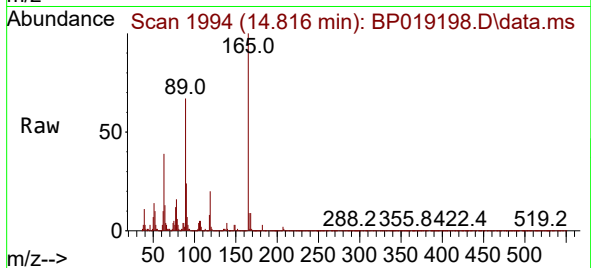




#57
2,4-Dinitrotoluene
Concen: 19.830 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

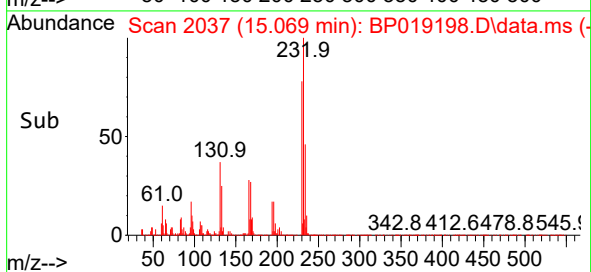
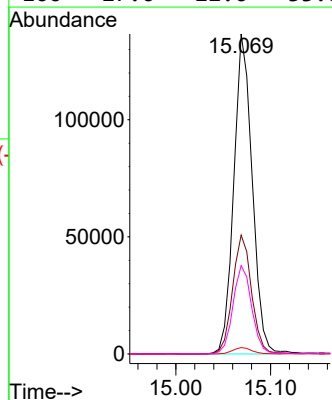
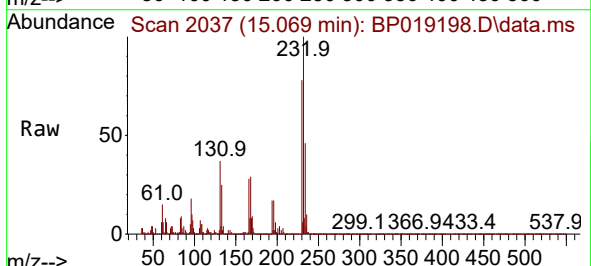
Instrument :
BNA_P
ClientSampleId :
SSTD020732

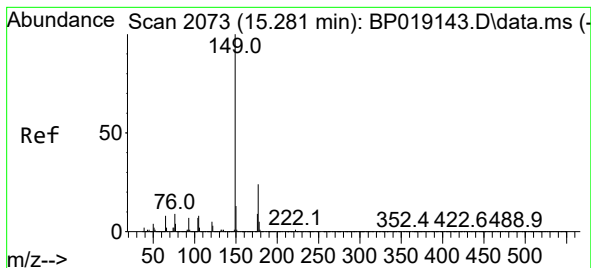
Tgt Ion:165 Resp: 200963
Ion Ratio Lower Upper
165 100
63 38.7 31.5 47.3
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.721 ng/ul
RT: 15.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:232 Resp: 183542
Ion Ratio Lower Upper
232 100
131 37.2 29.3 43.9
130 2.0 1.4 2.2
166 27.6 22.6 33.8





#59

Diethylphthalate

Concen: 18.692 ng/ul

RT: 15.275 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

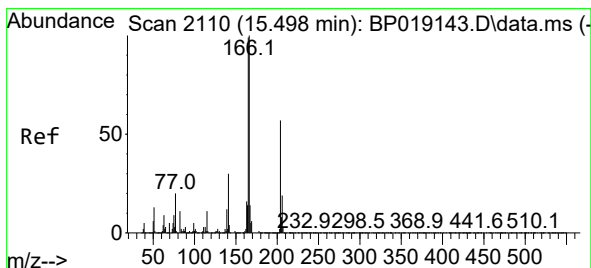
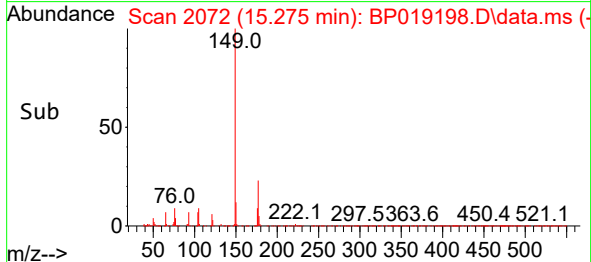
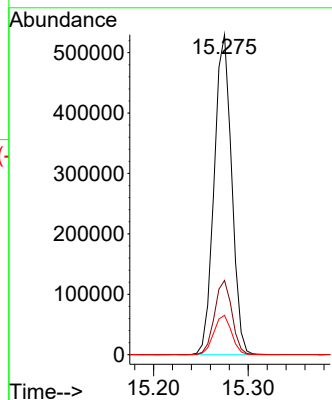
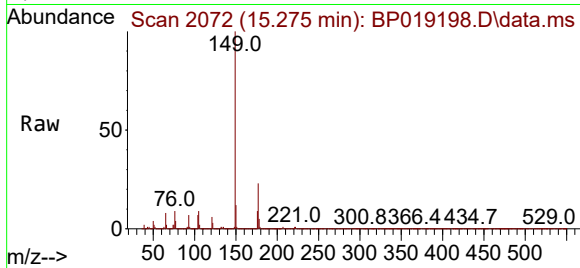
Tgt Ion:149 Resp: 679631

Ion Ratio Lower Upper

149 100

177 23.2 18.7 28.1

150 12.3 9.8 14.8



#61

Fluorene

Concen: 19.265 ng/ul

RT: 15.493 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

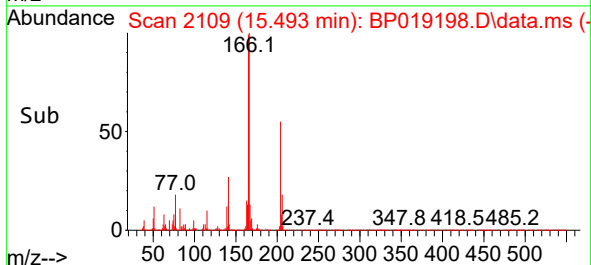
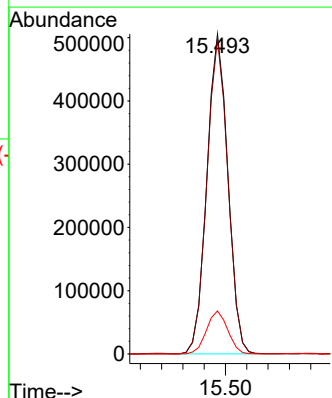
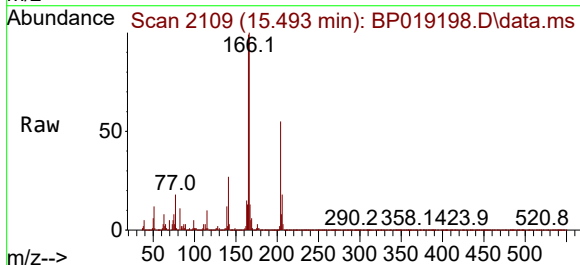
Tgt Ion:166 Resp: 692135

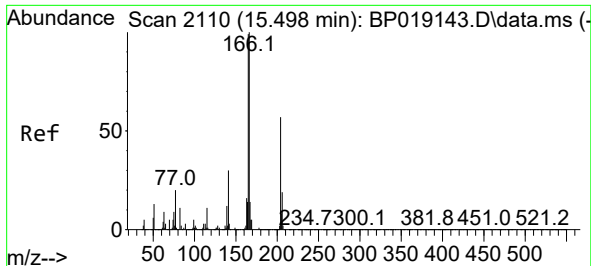
Ion Ratio Lower Upper

166 100

165 98.5 79.3 118.9

167 13.4 11.0 16.4

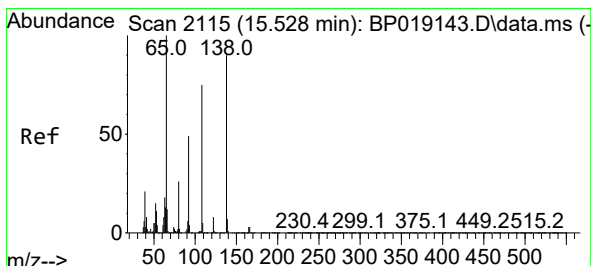
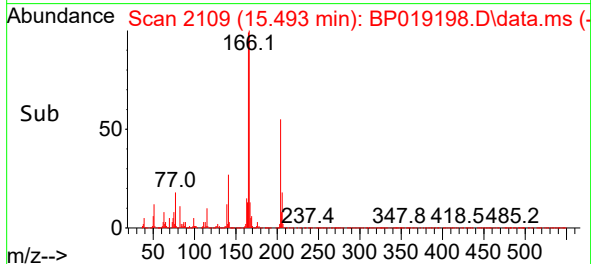
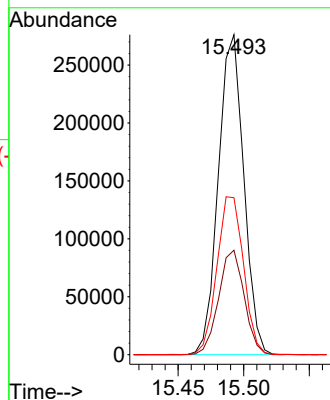
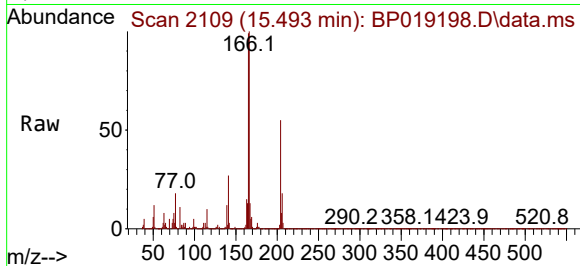




#62
4-Chlorophenyl-phenylether
Concen: 18.970 ng/ul
RT: 15.493 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

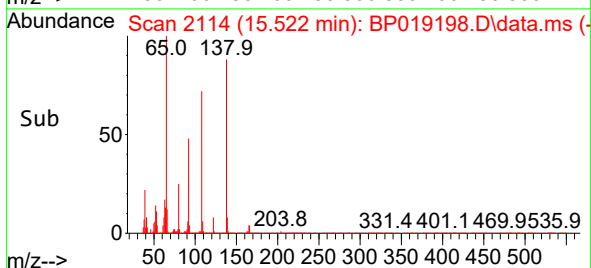
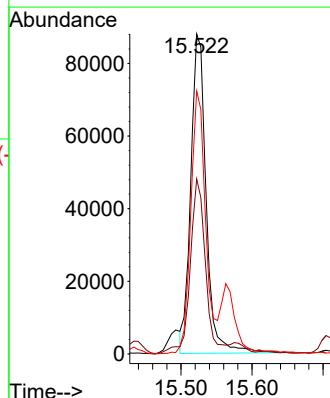
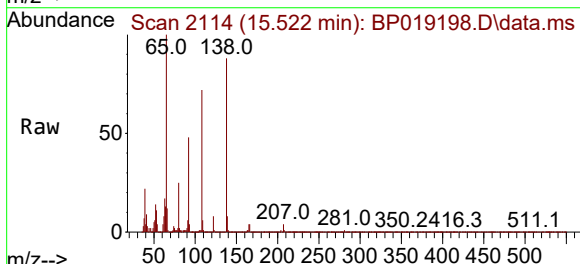
Instrument :
BNA_P
ClientSampleId :
SSTD020732

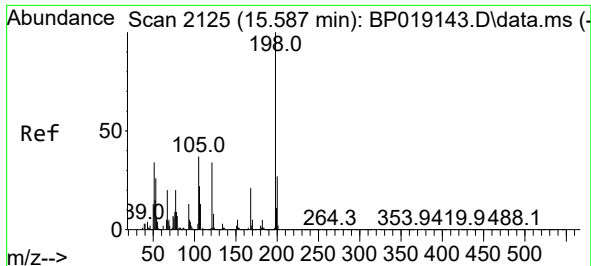
Tgt Ion:204 Resp: 372204
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 49.1 42.2 63.2



#63
4-Nitroaniline
Concen: 19.555 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:138 Resp: 132540
Ion Ratio Lower Upper
138 100
92 54.7 42.2 63.4
108 82.2 66.2 99.4

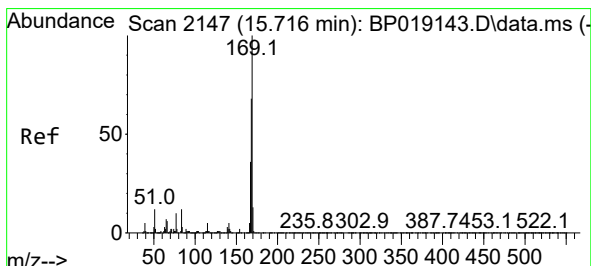
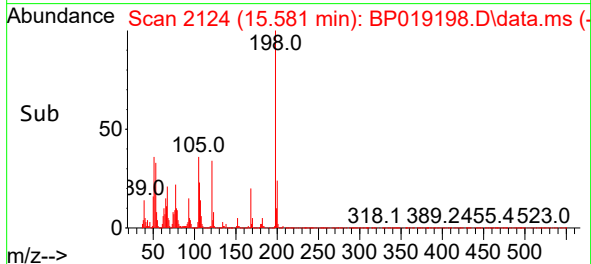
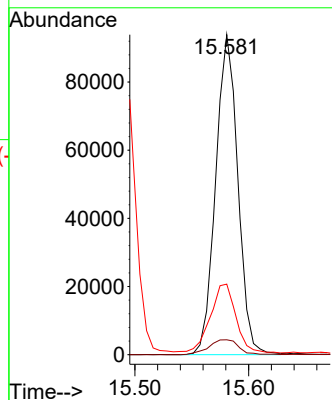
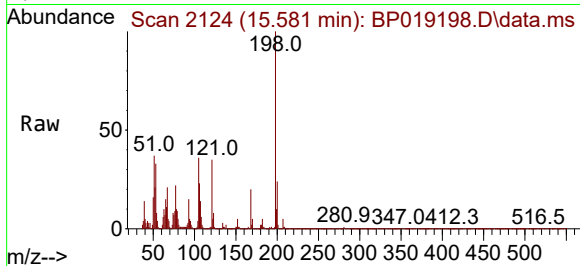




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.377 ng/ul
 RT: 15.581 min Scan# 2125
 Delta R.T. -0.006 min
 Lab File: BP019198.D
 Acq: 30 Dec 2023 10:35

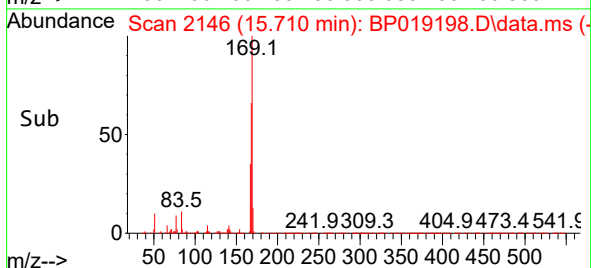
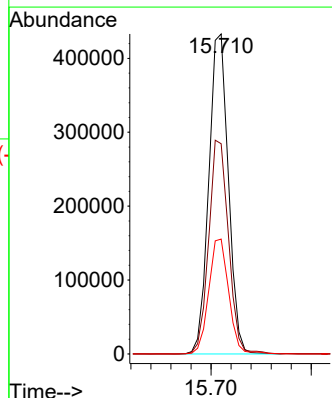
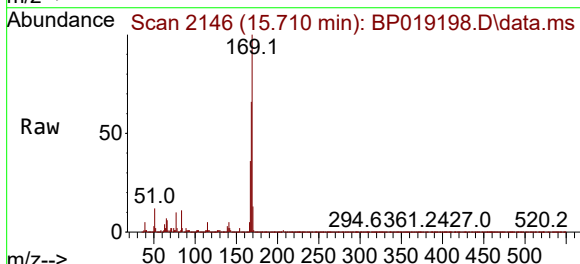
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020732

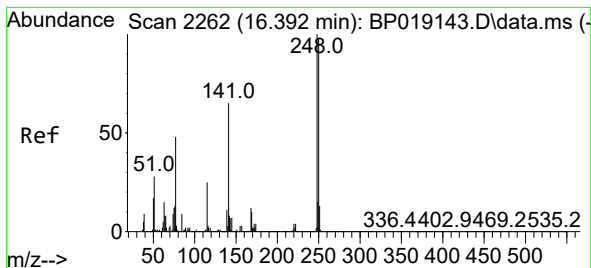
Tgt Ion:198 Resp: 127324
 Ion Ratio Lower Upper
 198 100
 182 4.7 4.0 6.0
 77 22.0 17.4 26.2



#67
 N-Nitrosodiphenylamine
 Concen: 19.257 ng/ul
 RT: 15.710 min Scan# 2146
 Delta R.T. -0.006 min
 Lab File: BP019198.D
 Acq: 30 Dec 2023 10:35

Tgt Ion:169 Resp: 586629
 Ion Ratio Lower Upper
 169 100
 168 65.7 53.8 80.8
 167 35.9 29.5 44.3

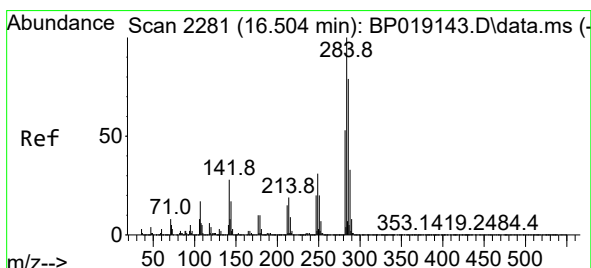
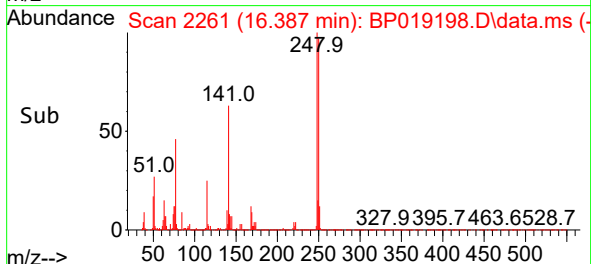
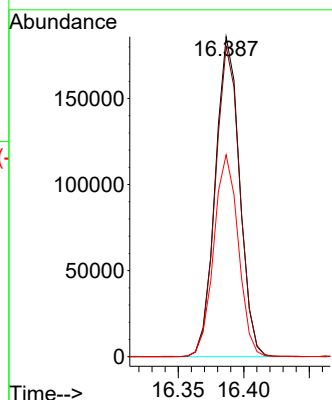
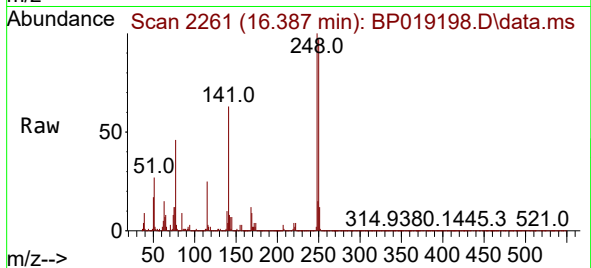




#68
4-Bromophenyl-phenylether
Concen: 19.249 ng/ul
RT: 16.387 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

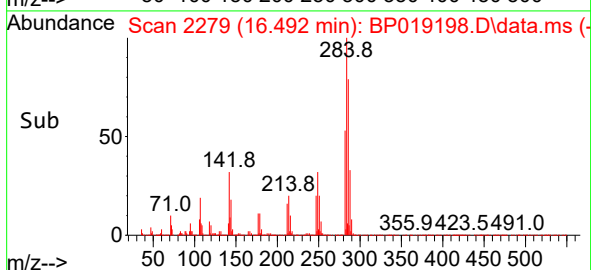
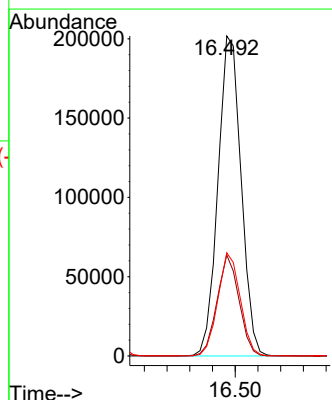
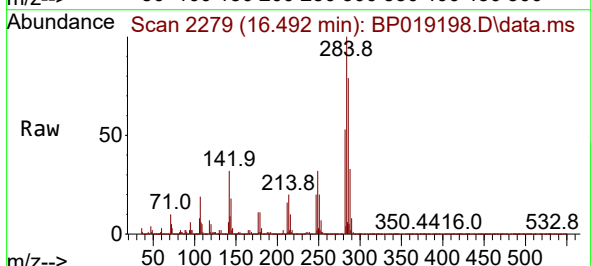
Instrument :
BNA_P
ClientSampleId :
SSTD020732

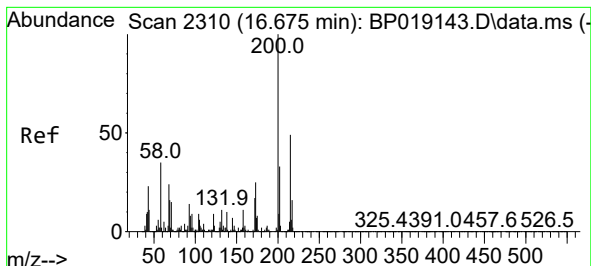
Tgt Ion:248 Resp: 238813
Ion Ratio Lower Upper
248 100
250 97.1 78.3 117.5
141 63.1 48.6 72.8



#69
Hexachlorobenzene
Concen: 18.824 ng/ul
RT: 16.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BP019198.D
Acq: 30 Dec 2023 10:35

Tgt Ion:284 Resp: 285394
Ion Ratio Lower Upper
284 100
142 31.6 22.9 34.3
249 32.3 23.7 35.5





#70

Atrazine

Concen: 15.122 ng/ul

RT: 16.669 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

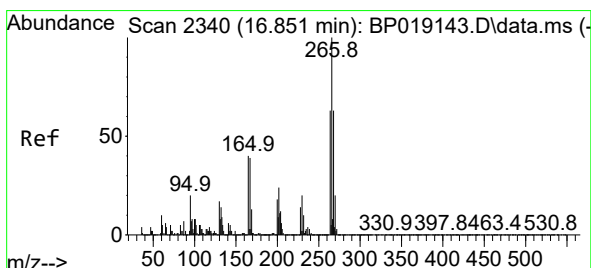
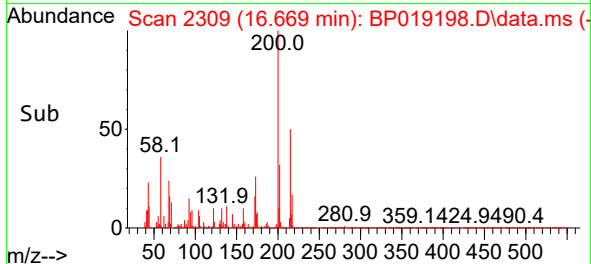
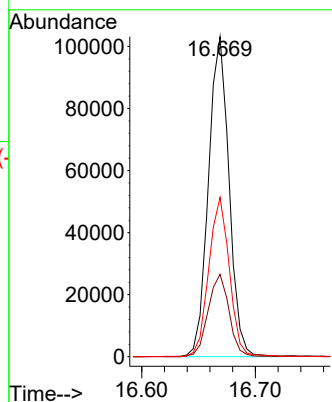
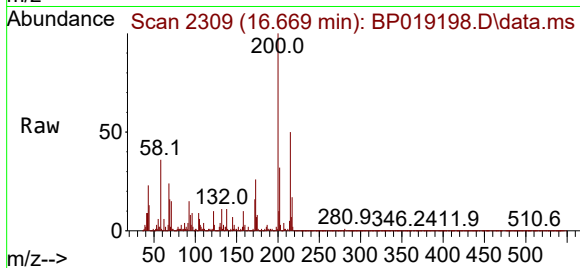
Tgt Ion:200 Resp: 130009

Ion Ratio Lower Upper

200 100

173 25.8 20.2 30.2

215 49.8 39.9 59.9



#71

Pentachlorophenol

Concen: 18.173 ng/ul

RT: 16.845 min Scan# 2339

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

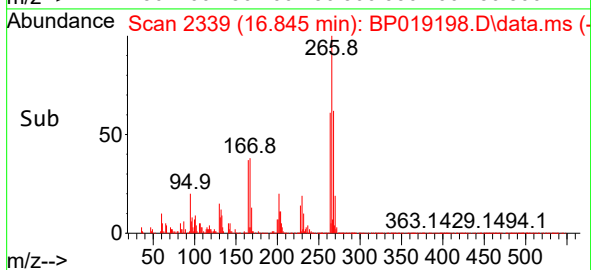
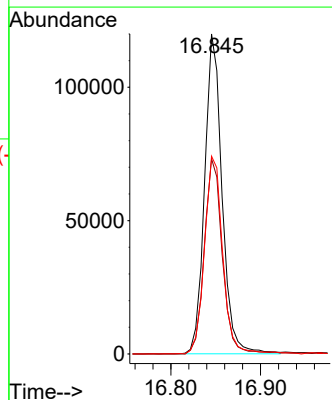
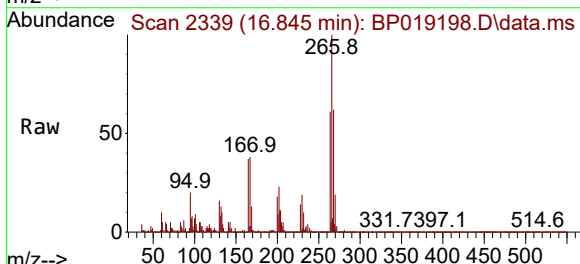
Tgt Ion:266 Resp: 161770

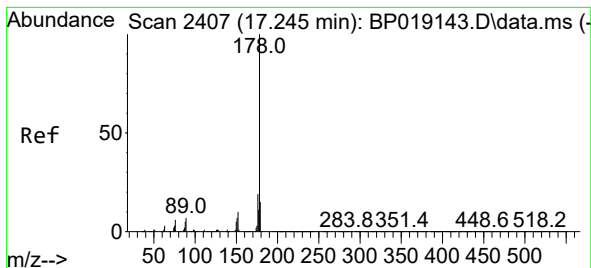
Ion Ratio Lower Upper

266 100

264 61.0 50.0 75.0

268 61.8 52.8 79.2





#72

Phenanthrene

Concen: 19.209 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

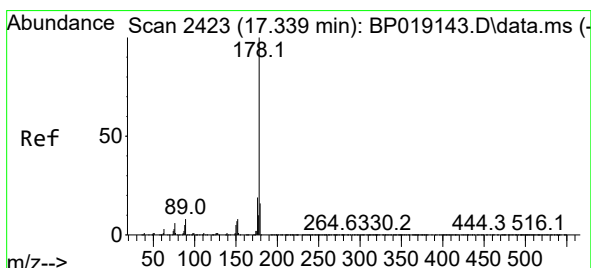
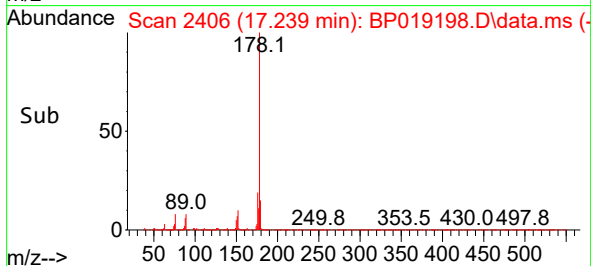
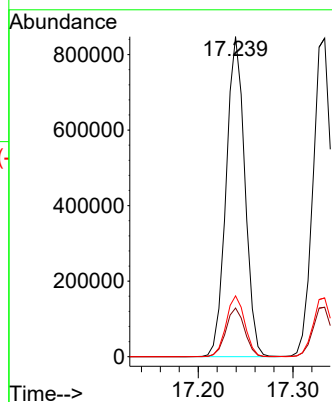
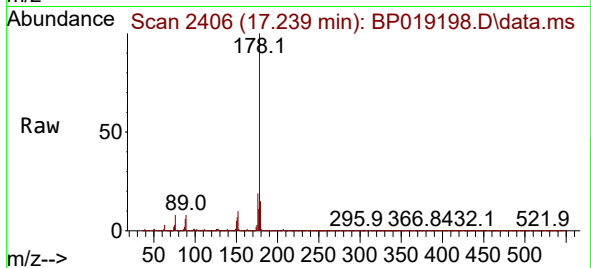
Tgt Ion:178 Resp: 1161971

Ion Ratio Lower Upper

178 100

179 15.2 11.9 17.9

176 19.0 15.0 22.6



#74

Anthracene

Concen: 19.526 ng/ul

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

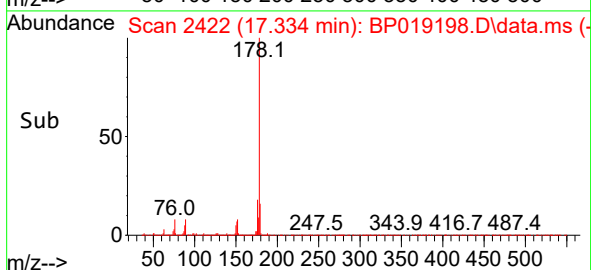
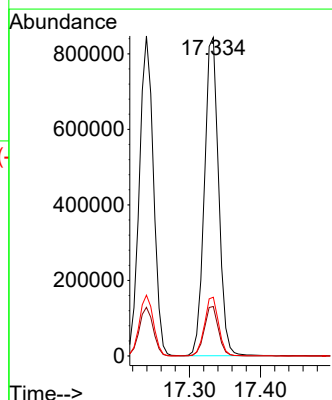
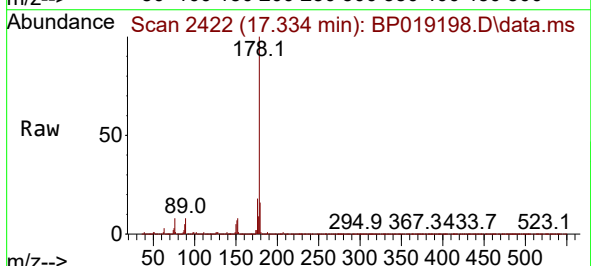
Tgt Ion:178 Resp: 1175841

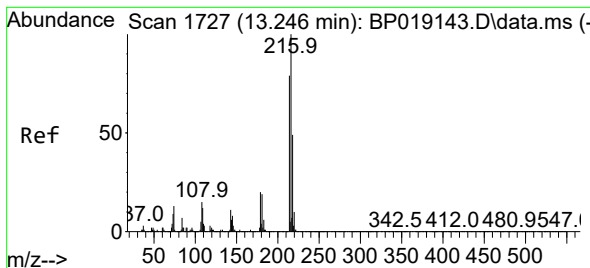
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.4 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.160 ng/uL

RT: 13.234 min Scan# 1725

Delta R.T. -0.012 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

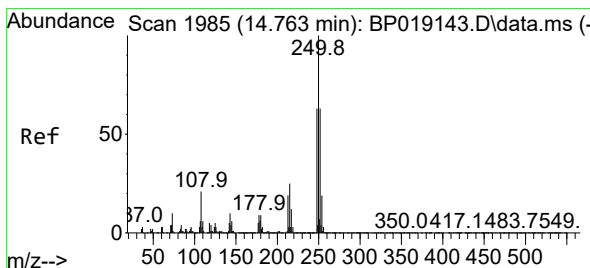
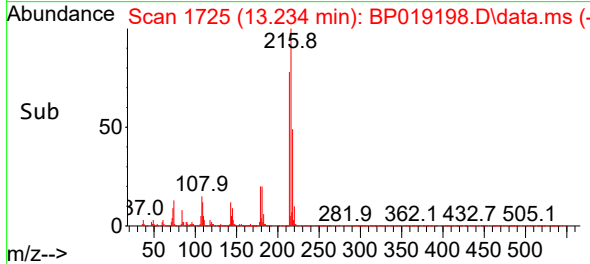
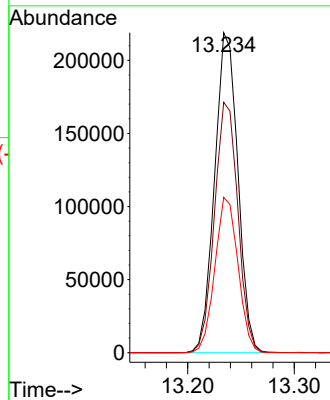
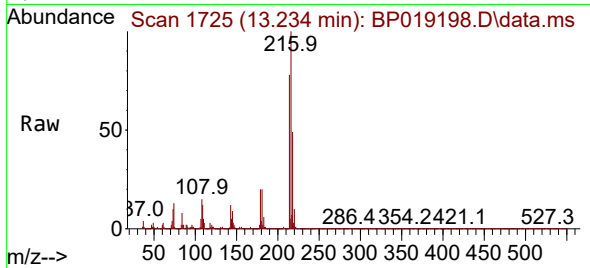
Tgt Ion:216 Resp: 332522

Ion Ratio Lower Upper

216 100

214 78.3 61.6 92.4

218 48.6 38.9 58.3



#76

Pentachlorobenzene

Concen: 19.112 ng/uL

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

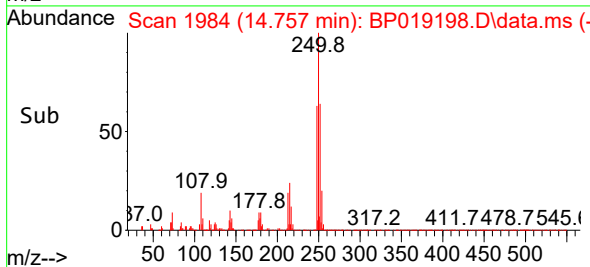
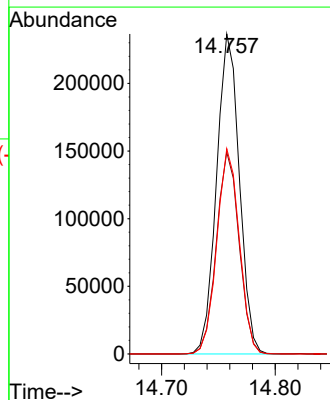
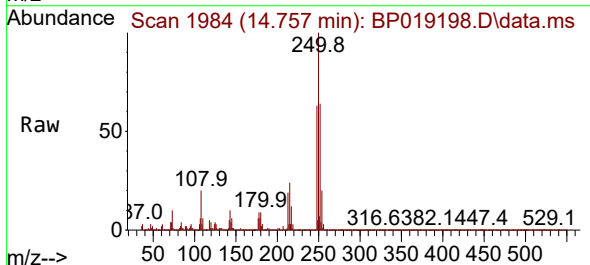
Tgt Ion:250 Resp: 329608

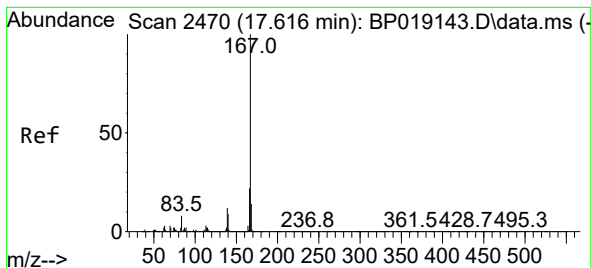
Ion Ratio Lower Upper

250 100

248 63.0 50.4 75.6

252 64.2 52.1 78.1





#77

Carbazole

Concen: 21.158 ng/ul

RT: 17.610 min Scan# 2470

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

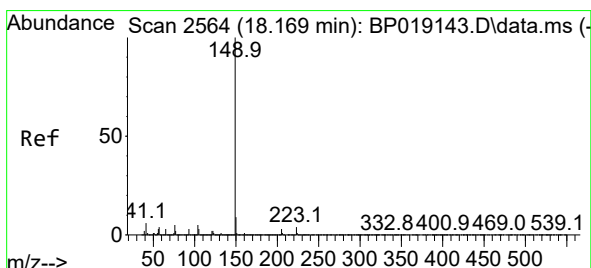
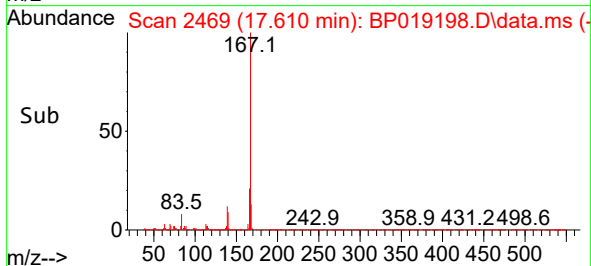
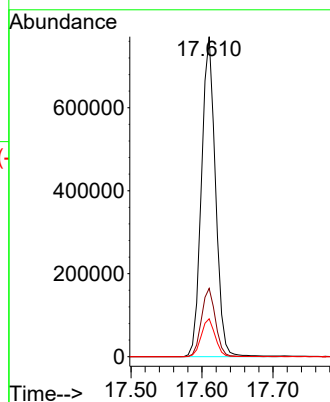
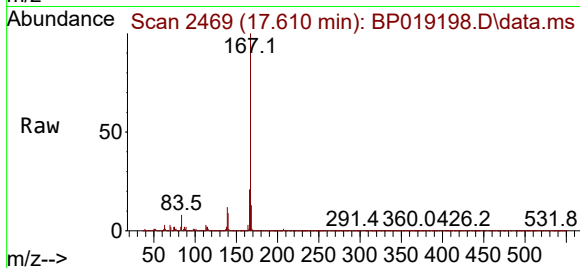
Tgt Ion:167 Resp: 1059851

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 11.9 9.8 14.6



#78

Di-n-butylphthalate

Concen: 18.889 ng/ul

RT: 18.163 min Scan# 2563

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

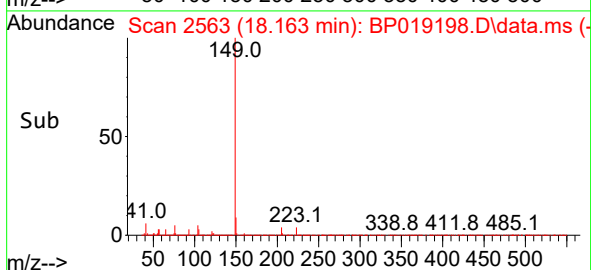
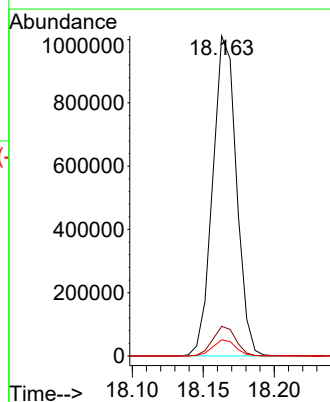
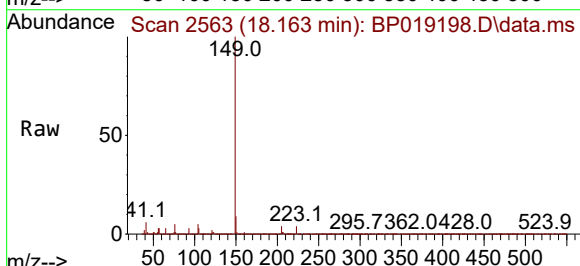
Tgt Ion:149 Resp: 1173436

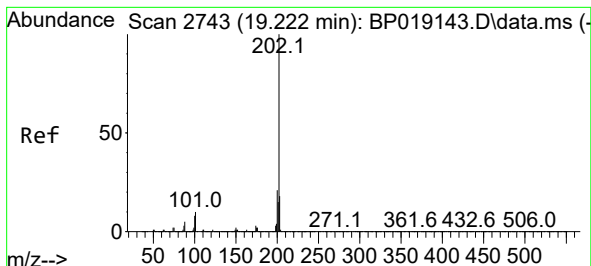
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.1 3.9 5.9





#80

Fluoranthene

Concen: 18.948 ng/ul

RT: 19.216 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

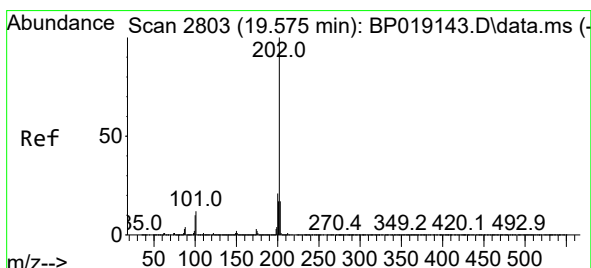
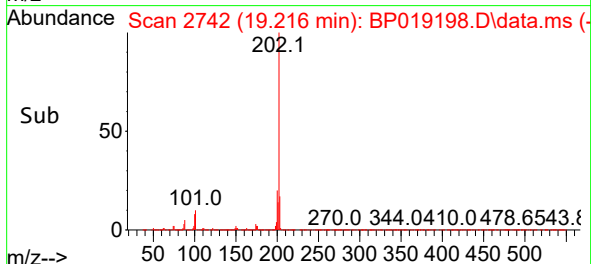
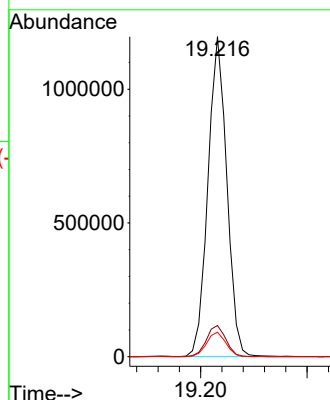
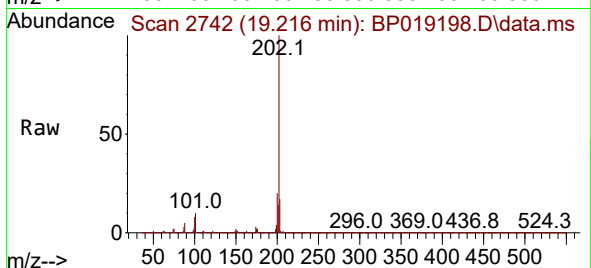
Tgt Ion:202 Resp: 1471716

Ion Ratio Lower Upper

202 100

101 9.8 7.8 11.6

100 7.6 6.0 9.0



#82

Pyrene

Concen: 19.143 ng/ul

RT: 19.569 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

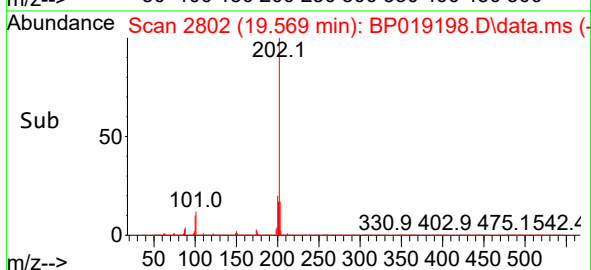
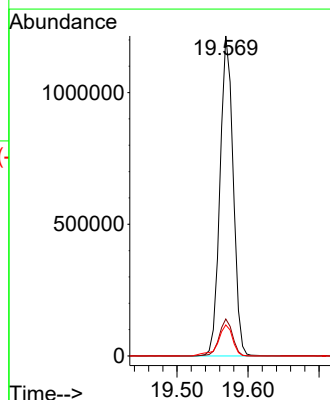
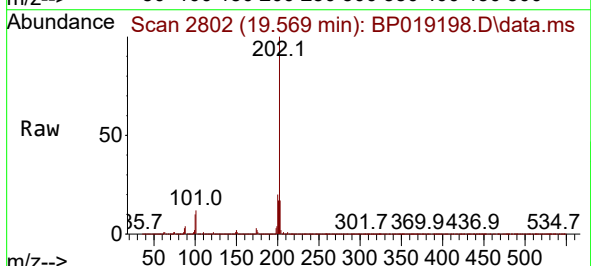
Tgt Ion:202 Resp: 1557815

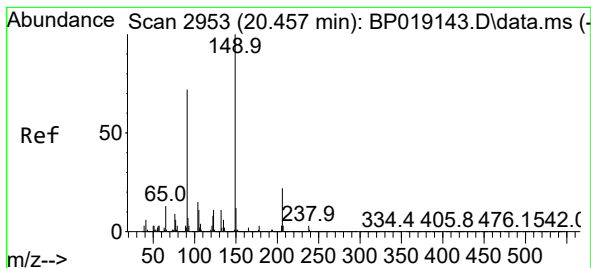
Ion Ratio Lower Upper

202 100

101 11.5 9.2 13.8

100 9.7 7.8 11.6





#83

Butylbenzylphthalate

Concen: 18.596 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. -0.000 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

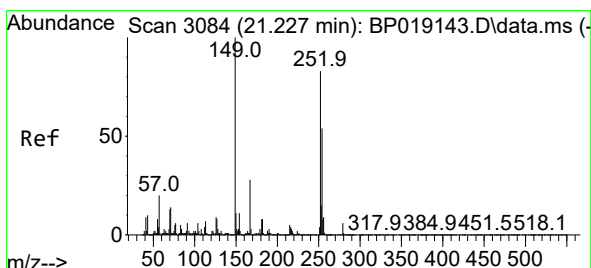
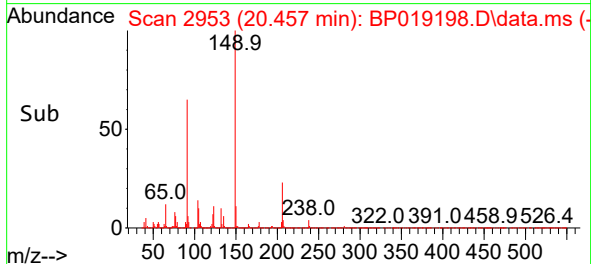
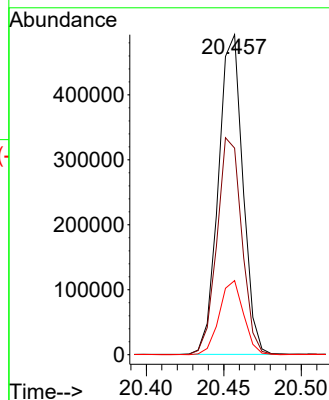
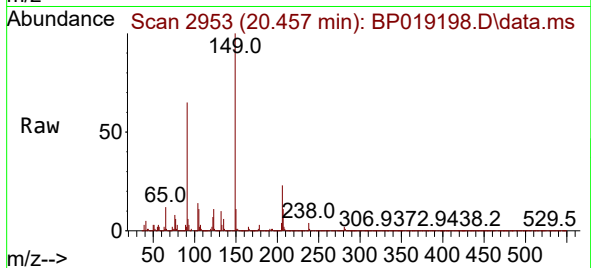
Tgt Ion:149 Resp: 540553

Ion Ratio Lower Upper

149 100

91 64.5 55.6 83.4

206 23.1 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 19.460 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

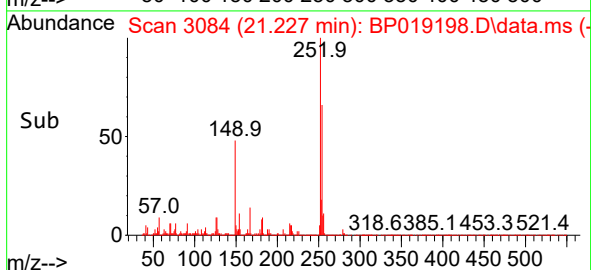
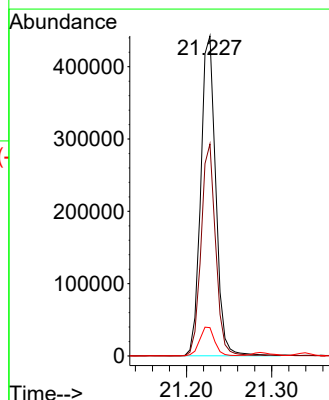
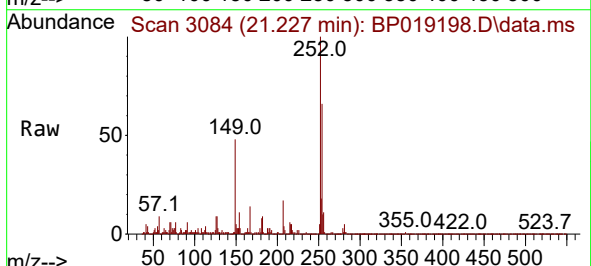
Tgt Ion:252 Resp: 540660

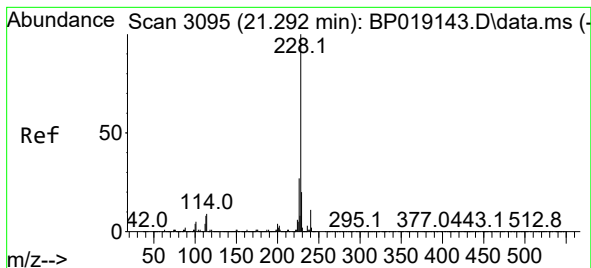
Ion Ratio Lower Upper

252 100

254 66.2 51.5 77.3

126 8.9 7.6 11.4





#85

Benzo(a)anthracene

Concen: 19.079 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

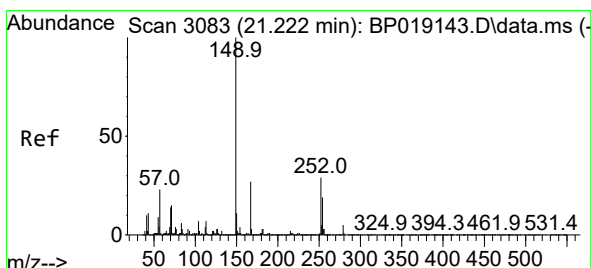
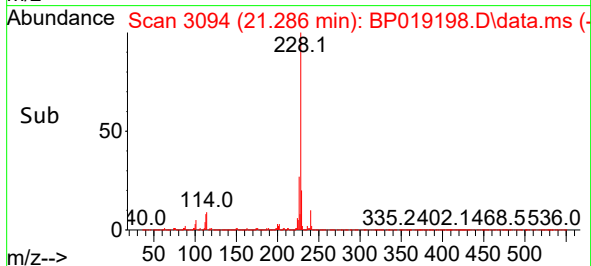
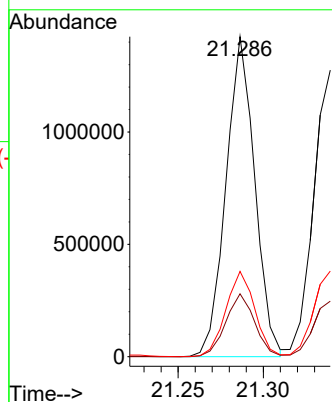
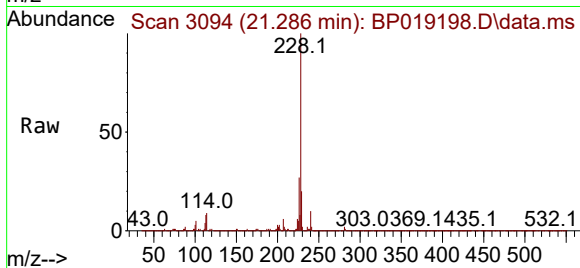
Tgt Ion:228 Resp: 1674211

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 26.7 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.560 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

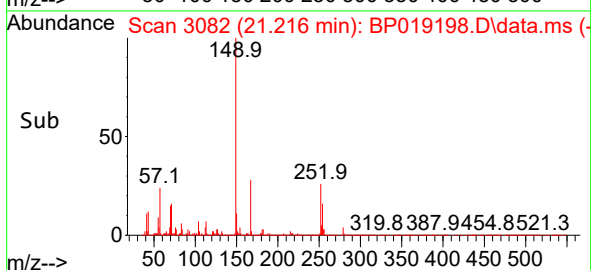
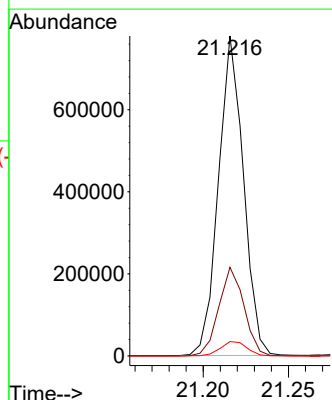
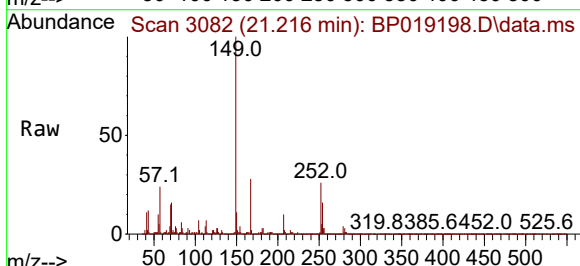
Tgt Ion:149 Resp: 794448

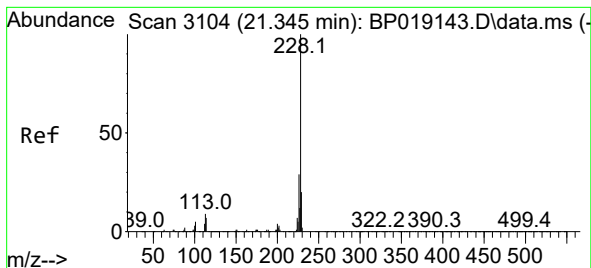
Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

279 4.5 4.0 6.0





#87

Chrysene

Concen: 19.111 ng/ul

RT: 21.339 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

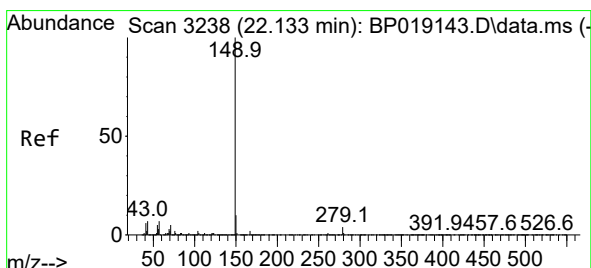
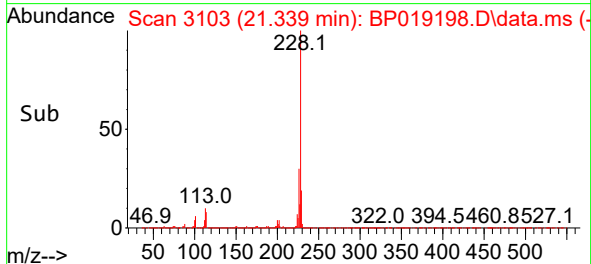
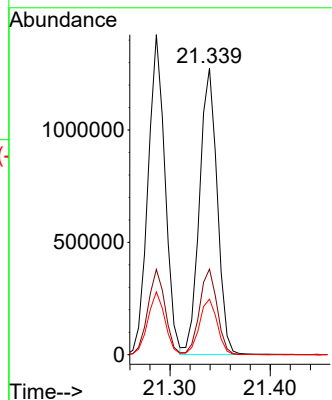
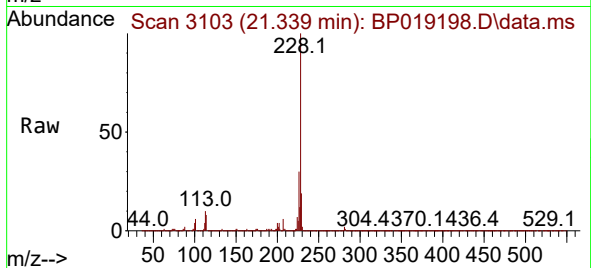
Tgt Ion:228 Resp: 1563818

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

229 19.4 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 18.238 ng/ul

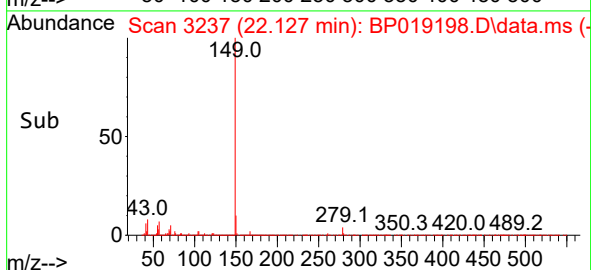
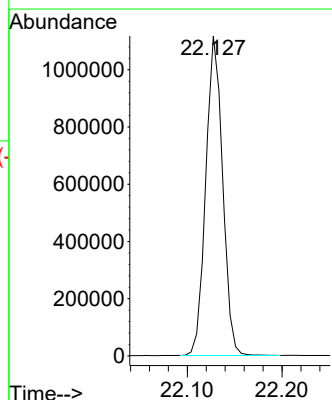
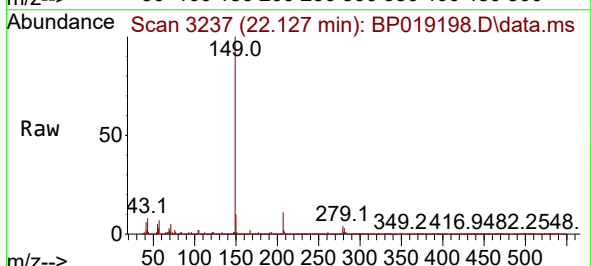
RT: 22.127 min Scan# 3237

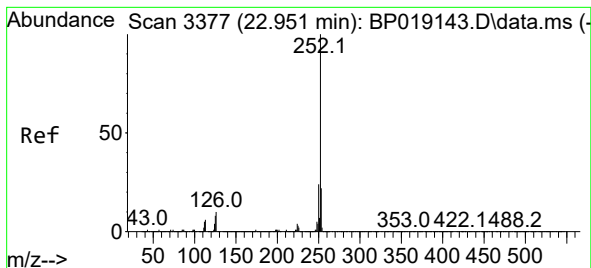
Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Tgt Ion:149 Resp: 1377555





#90

Benzo(b)fluoranthene

Concen: 19.246 ng/ul

RT: 22.945 min Scan# 3377

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

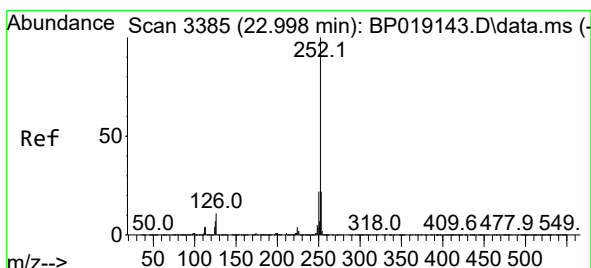
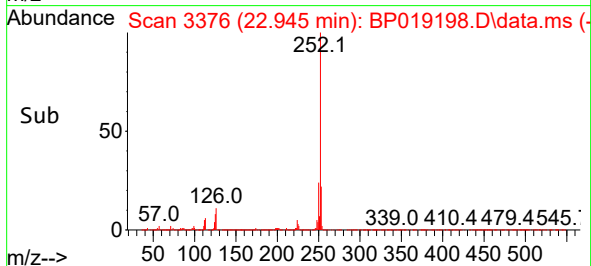
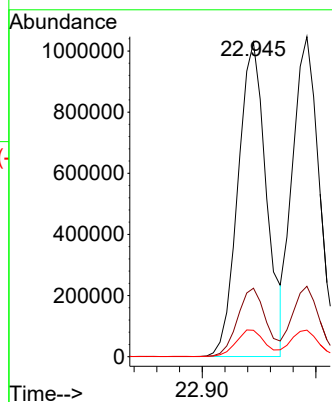
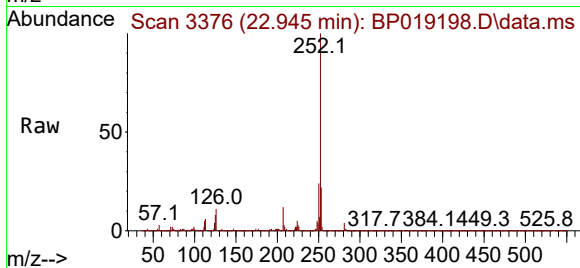
Tgt Ion:252 Resp: 1785512

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 8.4 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 18.580 ng/ul

RT: 22.992 min Scan# 3384

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

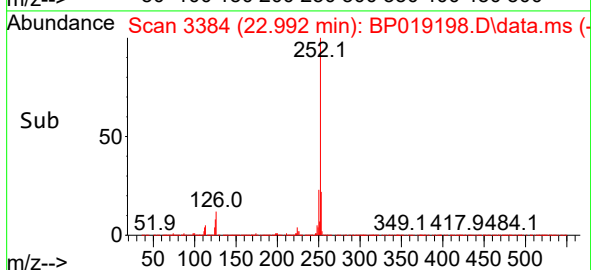
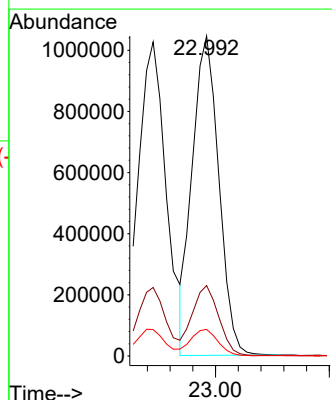
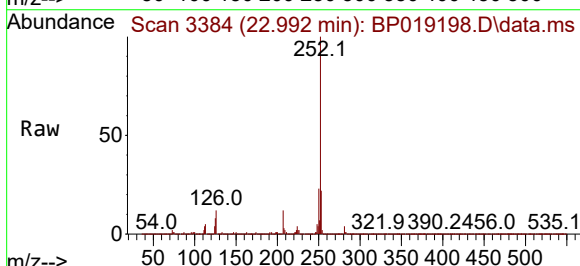
Tgt Ion:252 Resp: 1693766

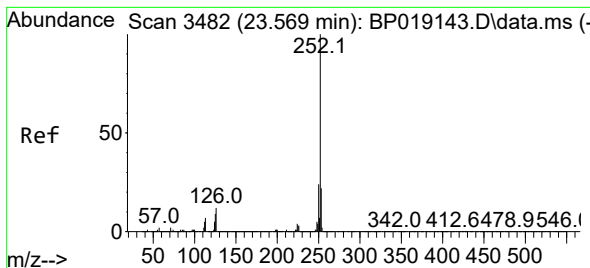
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.3 6.7 10.1





#93

Benzo(a)pyrene

Concen: 19.114 ng/ul

RT: 23.557 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

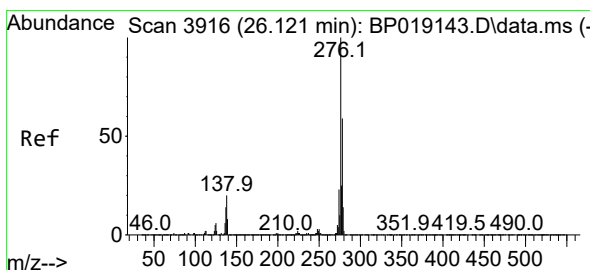
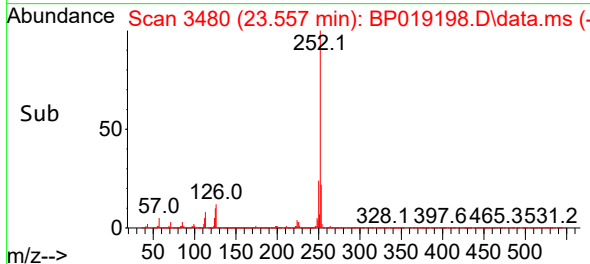
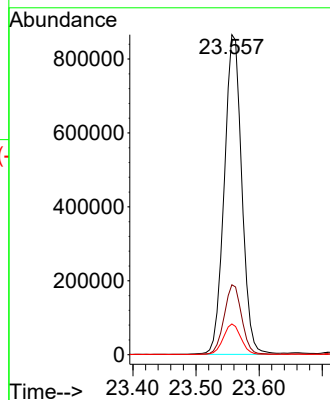
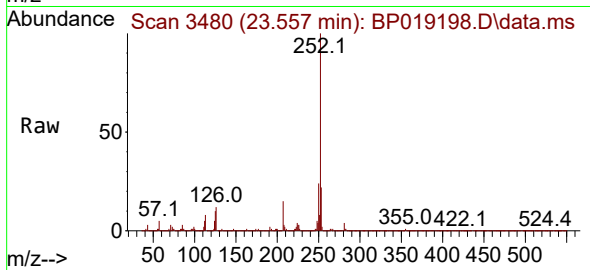
Tgt Ion:252 Resp: 1669070

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.6 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.876 ng/ul

RT: 26.115 min Scan# 3915

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

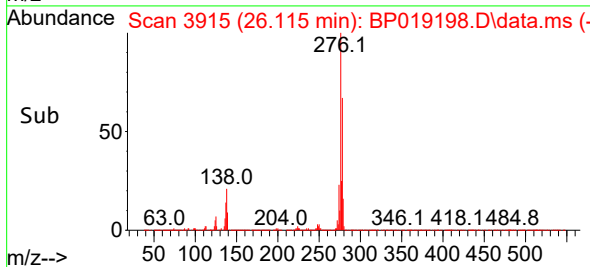
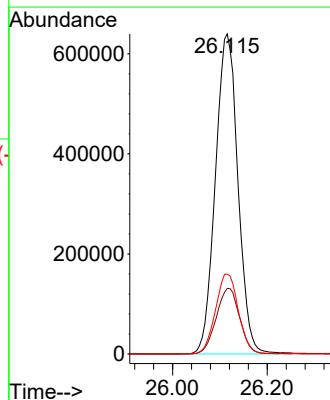
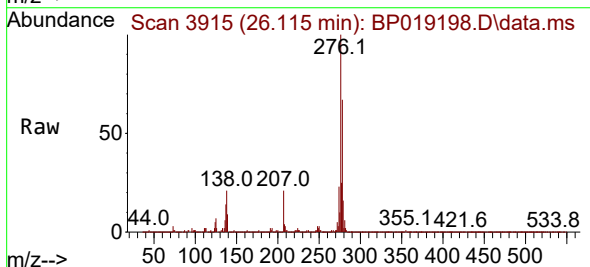
Tgt Ion:276 Resp: 2112889

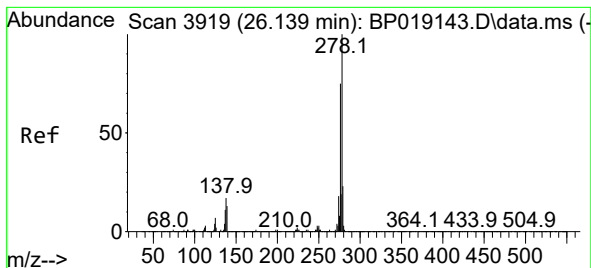
Ion Ratio Lower Upper

276 100

138 20.5 16.6 25.0

277 25.0 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 18.922 ng/ul

RT: 26.133 min Scan# 3919

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Instrument :

BNA_P

ClientSampleId :

SSTD020732

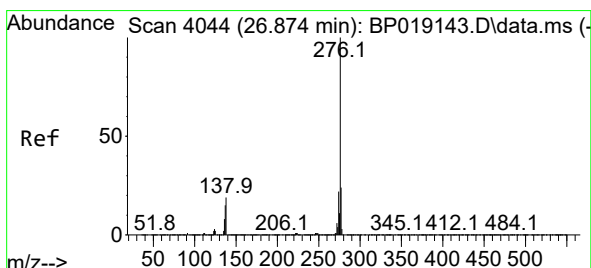
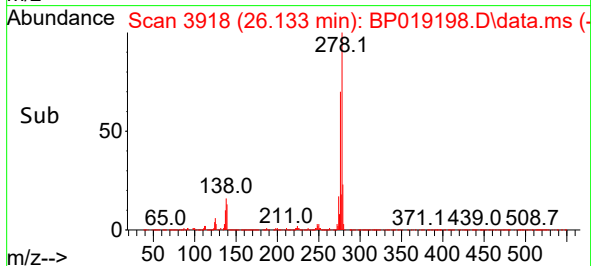
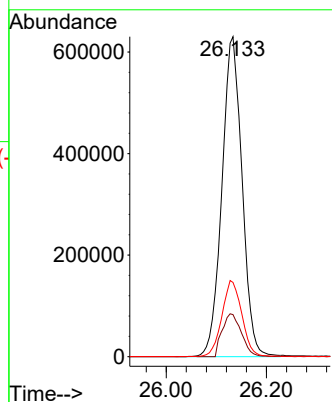
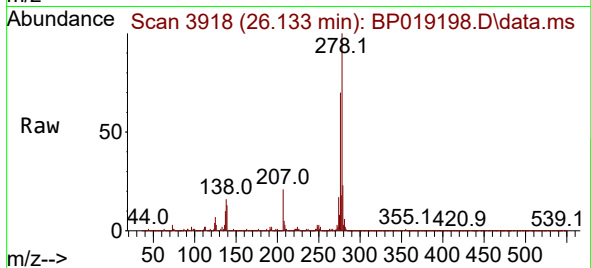
Tgt Ion:278 Resp: 1761990

Ion Ratio Lower Upper

278 100

139 13.1 11.0 16.4

279 23.2 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 19.068 ng/ul

RT: 26.868 min Scan# 4043

Delta R.T. -0.006 min

Lab File: BP019198.D

Acq: 30 Dec 2023 10:35

Tgt Ion:276 Resp: 1710472

Ion Ratio Lower Upper

276 100

138 18.1 15.2 22.8

277 23.6 19.4 29.0

