

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
 Data File : BP018212.D
 Acq On : 16 Nov 2023 14:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020682

Quant Time: Nov 16 21:39:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	78821	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	324837	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	183465	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	436442	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	418852	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	460008	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	18639	8.342	ng/uL	0.00
4) Pyridine-d5	3.593	84	108827	18.680	ng/u1	0.00
7) Phenol-d5	6.952	99	131743	17.313	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	81889	18.312	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	110406	18.322	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	118745	19.043	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	57303	19.580	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	66740	20.129	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	118277	20.015	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	155817	19.227	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	362395	21.408	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	398828	21.631	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	35125	13.886	ng/u1	0.00
60) Fluorene-d10	15.463	176	281956	20.174	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	55393	17.556	ng/u1	0.00
73) Anthracene-d10	17.345	188	470400	19.928	ng/u1	0.00
81) Pyrene-d10	19.604	212	553995	19.801	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	541086	20.229	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	20314	8.331	ng/uL	99
5) Pyridine	3.611	79	110910	18.446	ng/u1	98
6) Benzaldehyde	6.958	77	88292	21.544	ng/u1	97
8) Phenol	6.975	94	130083	17.329	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	106623	18.308	ng/u1	97
12) 2-Chlorophenol	7.334	128	113084	18.691	ng/u1	97
13) 2-Methylphenol	8.240	108	110702	19.517	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.293	45	83547	12.564	ng/u1	98
16) Acetophenone	8.640	105	191114	19.282	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.605	70	104744	19.356	ng/u1	96
18) 4-Methylphenol	8.575	108	116740	18.873	ng/u1	95
19) Hexachloroethane	8.828	117	60818	21.009	ng/u1	91
22) Nitrobenzene	9.034	77	164998	20.880	ng/u1	95
23) Isophorone	9.534	82	277887	19.271	ng/u1	99
25) 2-Nitrophenol	9.734	139	69775	20.479	ng/u1	97
26) 2,4-Dimethylphenol	9.775	107	140116	19.333	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	159621	20.300	ng/u1	99
29) 2,4-Dichlorophenol	10.258	162	112848	19.998	ng/u1	97
30) Naphthalene	10.652	128	396477	20.070	ng/u1	98
32) 4-Chloroaniline	10.805	127	149590	19.271	ng/u1	97
33) Hexachlorobutadiene	10.863	225	85469	20.632	ng/u1	98
34) Caprolactam	11.634	113	12982	6.925	ng/u1	96
35) 4-Chloro-3-methylphenol	11.922	107	131754	19.407	ng/u1	96
36) 2-Methylnaphthalene	12.269	142	266936	19.682	ng/u1	100

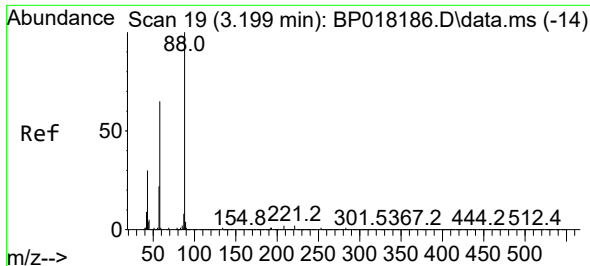
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	269778	19.357	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	142019	22.914	ng/ul	97
40) Hexachlorocyclopentadiene	12.557	237	57019	19.059	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	88215	21.697	ng/ul	95
42) 2,4,5-Trichlorophenol	12.975	196	85314	19.938	ng/ul	98
43) 1,1'-Biphenyl	13.293	154	349212	22.384	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	277436	22.399	ng/ul	99
45) 2-Nitroaniline	13.599	65	87564	21.908	ng/ul	99
47) Dimethylphthalate	13.934	163	356557	21.472	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	68778	20.838	ng/ul	96
50) Acenaphthylene	14.193	152	445942	21.423	ng/ul	99
51) 3-Nitroaniline	14.440	138	58572	19.125	ng/ul#	91
52) Acenaphthene	14.528	153	274184	19.864	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	17766	9.867	ng/ul	98
55) 4-Nitrophenol	14.746	109	60418	17.994	ng/ul	84
56) Dibenzofuran	14.869	168	379346	20.054	ng/ul	96
57) 2,4-Dinitrotoluene	14.887	165	97914	19.856	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.093	232	70766	18.591	ng/ul#	98
59) Diethylphthalate	15.293	149	345958	19.942	ng/ul	100
61) Fluorene	15.522	166	329767	20.534	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	164757	20.935	ng/ul	99
63) 4-Nitroaniline	15.616	138	60748	21.019	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.640	198	57292	17.499	ng/ul#	93
67) N-Nitrosodiphenylamine	15.745	169	283031	20.221	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	97581	19.837	ng/ul	93
69) Hexachlorobenzene	16.498	284	107010	19.496	ng/ul	97
70) Atrazine	16.710	200	99706	20.421	ng/ul	96
71) Pentachlorophenol	16.881	266	33137	9.946	ng/ul	96
72) Phenanthrene	17.287	178	543639	20.287	ng/ul	99
74) Anthracene	17.381	178	550008	20.112	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	140362	21.060	ng/ul	99
76) Pentachlorobenzene	14.757	250	128867	19.751	ng/ul	97
77) Carbazole	17.681	167	489875	20.628	ng/ul	100
78) Di-n-butylphthalate	18.186	149	636046	21.109	ng/ul	99
80) Fluoranthene	19.275	202	650147	19.898	ng/ul	100
82) Pyrene	19.633	202	677999	19.802	ng/ul	98
83) Butylbenzylphthalate	20.504	149	299767	20.819	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.310	252	215525	21.537	ng/ul	94
85) Benzo(a)anthracene	21.363	228	690242	20.408	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	432442	21.783	ng/ul	98
87) Chrysene	21.416	228	638893	20.192	ng/ul	97
89) Di-n-octyl phthalate	22.198	149	764146	22.212	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	680569	20.789	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	658650	19.997	ng/ul	99
93) Benzo(a)pyrene	23.739	252	626466	20.263	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.480	276	741624	20.001	ng/ul	97
95) Dibenzo(a,h)anthracene	26.498	278	614148	20.115	ng/ul	99
96) Benzo(g,h,i)perylene	27.292	276	598565	20.182	ng/ul	98

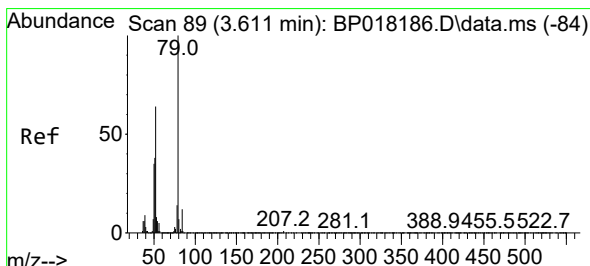
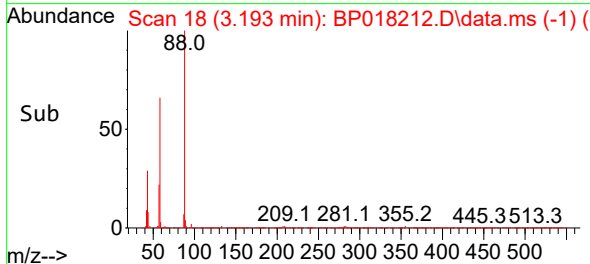
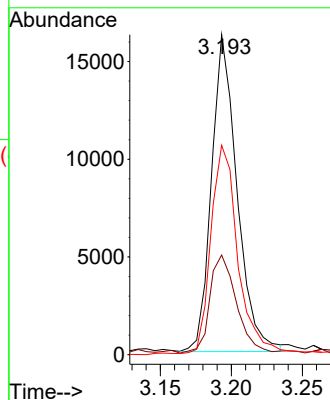
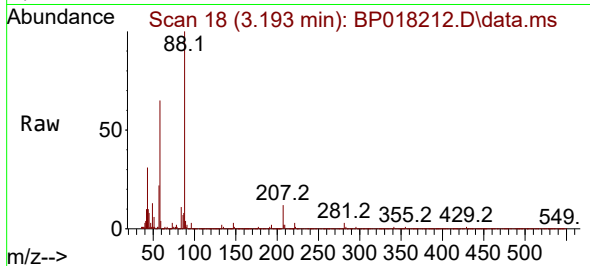
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#2
1,4-Dioxane
Concen: 8.331 ng/uL
RT: 3.193 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP018212.D
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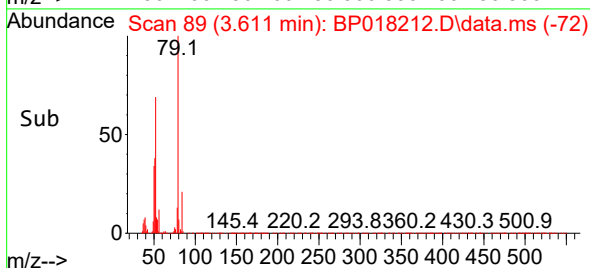
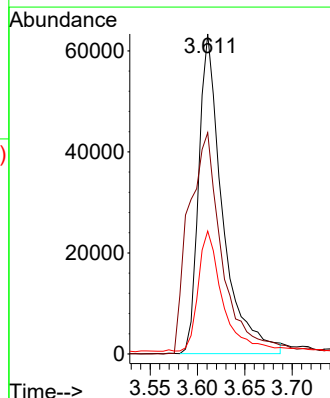
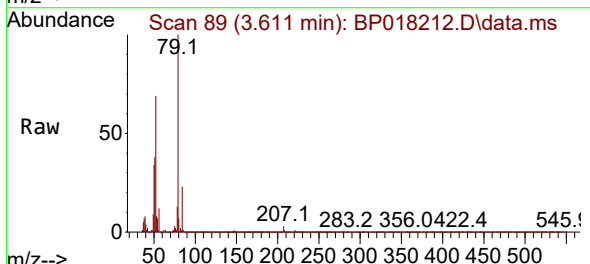
Instrument :
BNA_P
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SSTD020682

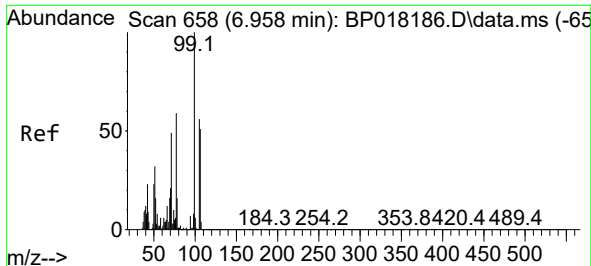
Tgt Ion: 88 Resp: 20314
Ion Ratio Lower Upper
88 100
43 31.2 25.4 38.2
58 65.4 53.3 79.9



#5
Pyridine
Concen: 18.446 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion: 79 Resp: 110910
Ion Ratio Lower Upper
79 100
52 69.1 53.9 80.9
51 38.4 32.2 48.2

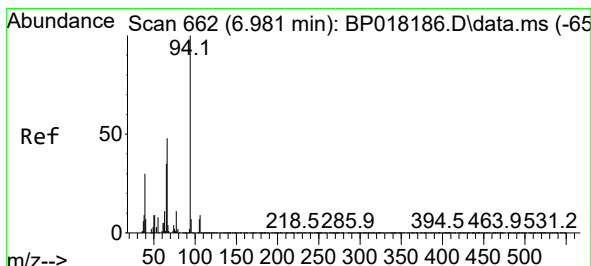
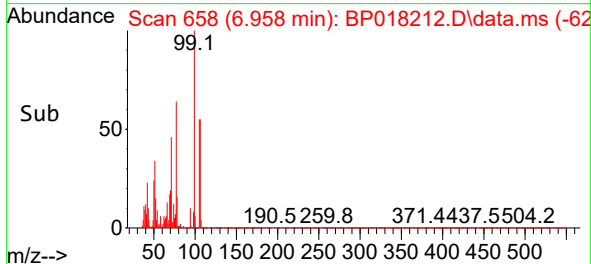
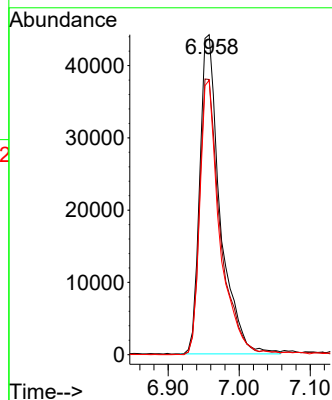
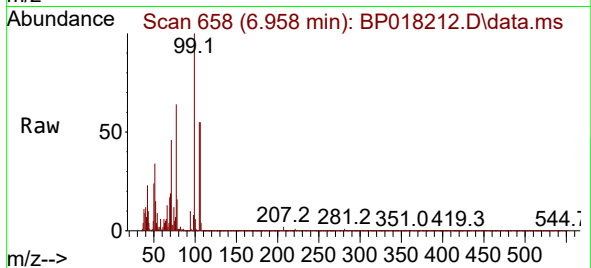




#6
Benzaldehyde
Concen: 21.544 ng/ul
RT: 6.958 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

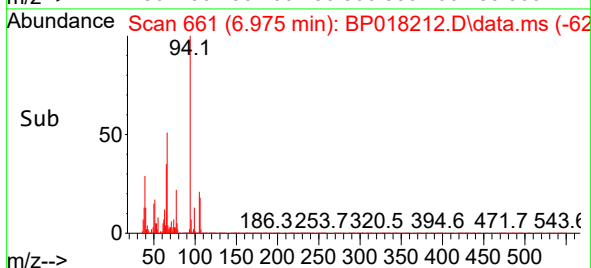
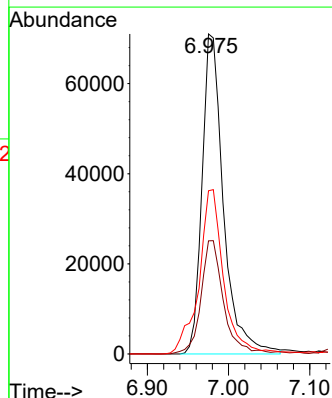
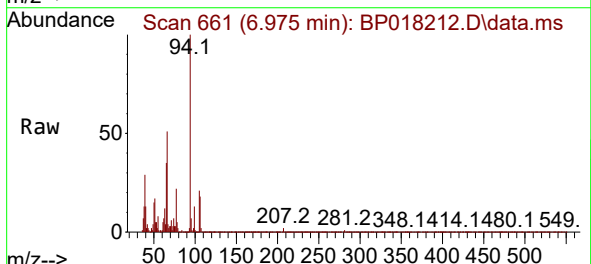
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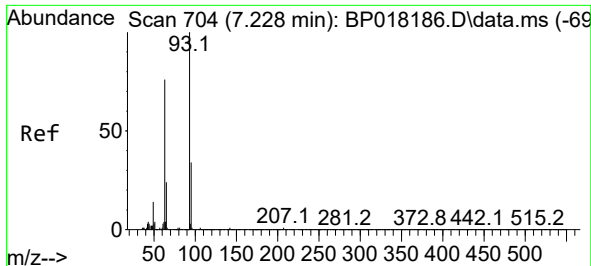
Tgt Ion: 77 Resp: 88292
Ion Ratio Lower Upper
77 100
105 86.0 72.7 109.1
106 85.8 67.5 101.3



#8
Phenol
Concen: 17.329 ng/ul
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion: 94 Resp: 130083
Ion Ratio Lower Upper
94 100
65 35.4 28.2 42.2
66 51.0 40.3 60.5

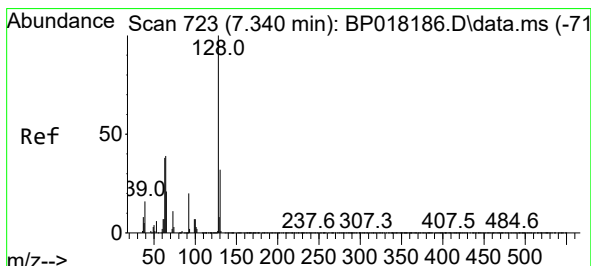
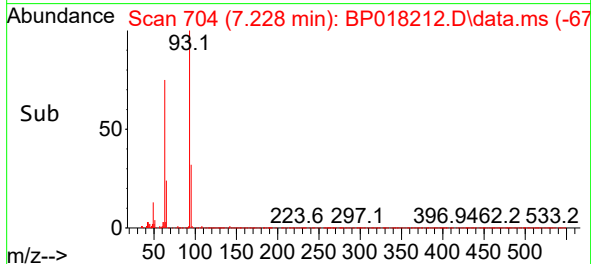
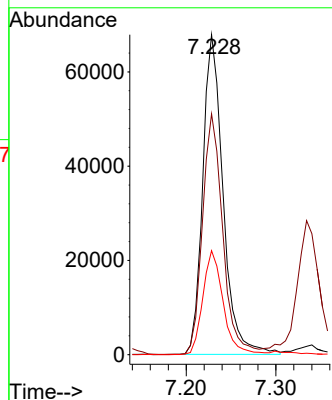
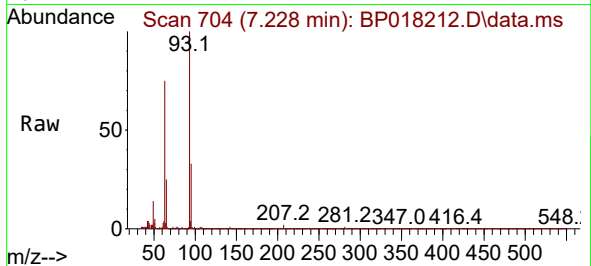




#10
Bis(2-Chloroethyl)ether
Concen: 18.308 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

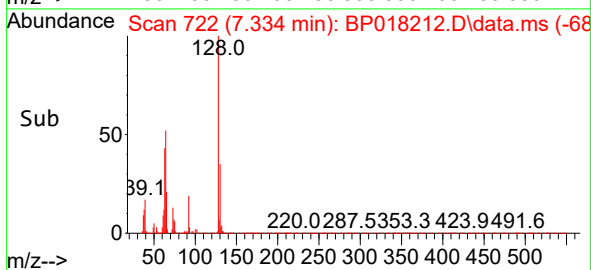
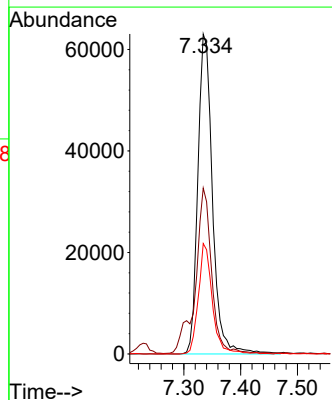
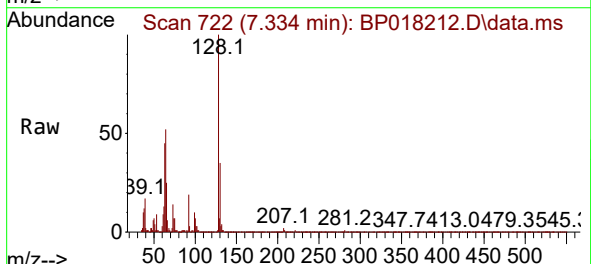
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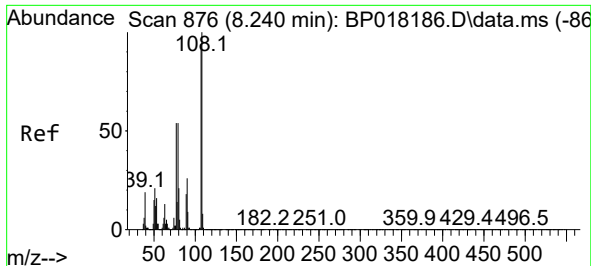
Tgt Ion: 93 Resp: 106623
Ion Ratio Lower Upper
93 100
63 75.2 57.8 86.6
95 32.5 25.5 38.3



#12
2-Chlorophenol
Concen: 18.691 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:128 Resp: 113084
Ion Ratio Lower Upper
128 100
64 51.9 39.2 58.8
130 34.5 26.6 40.0





#13

2-Methylphenol

Concen: 19.517 ng/ul

RT: 8.240 min Scan# 876

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

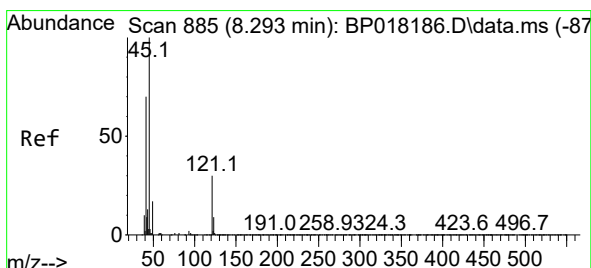
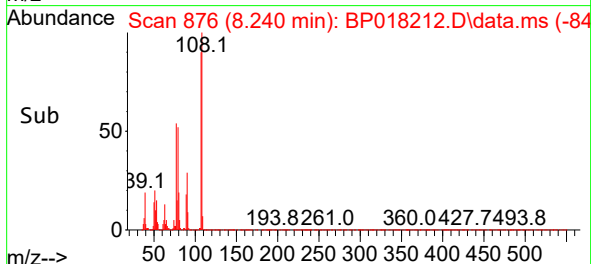
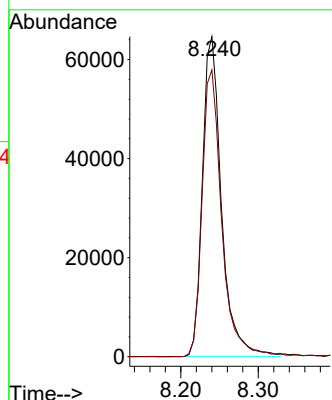
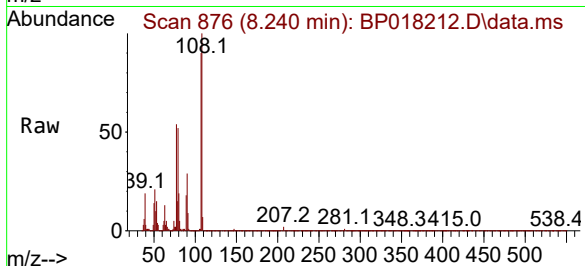
SSTD020682

Tgt Ion:108 Resp: 110702

Ion Ratio Lower Upper

108 100

107 89.6 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 12.564 ng/ul

RT: 8.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

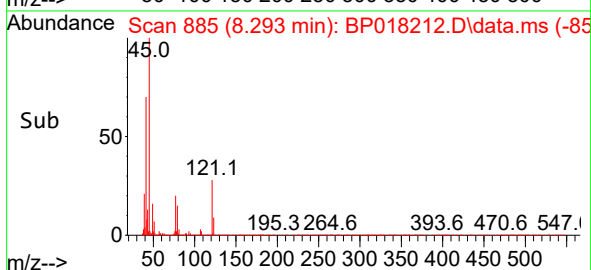
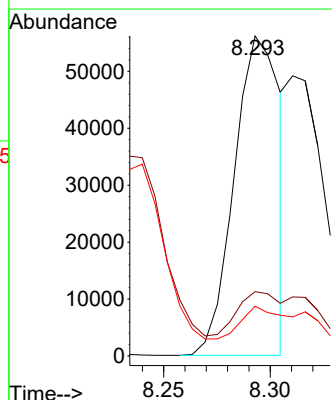
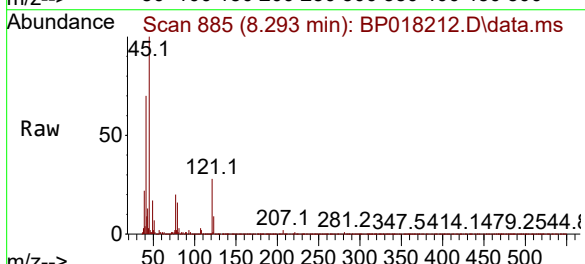
Tgt Ion: 45 Resp: 83547

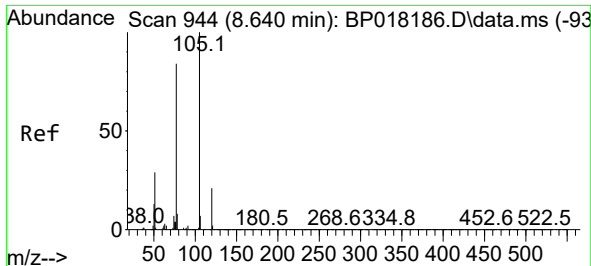
Ion Ratio Lower Upper

45 100

77 20.1 16.1 24.1

79 15.6 11.1 16.7

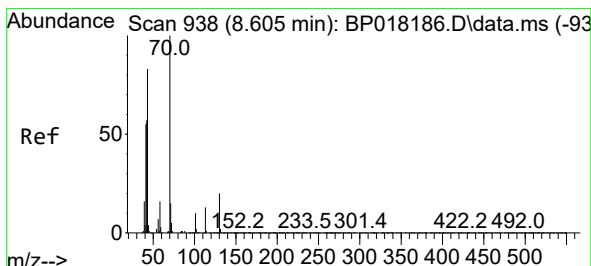
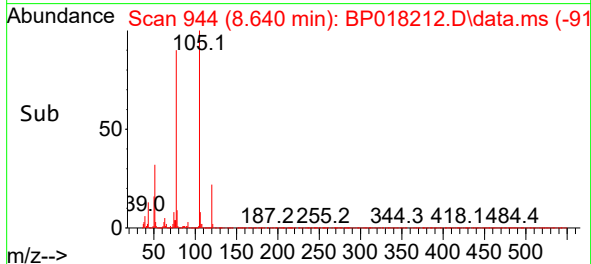
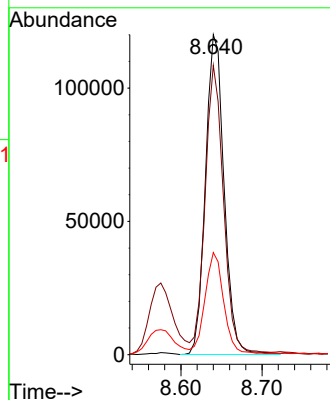
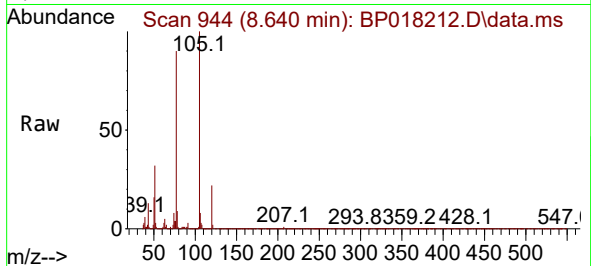




#16
Acetophenone
Concen: 19.282 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

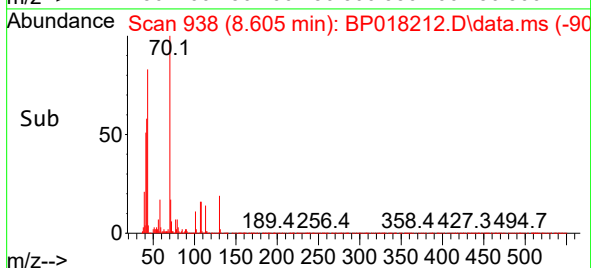
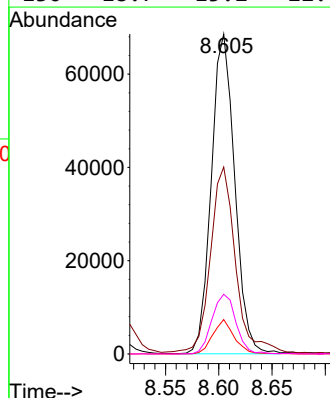
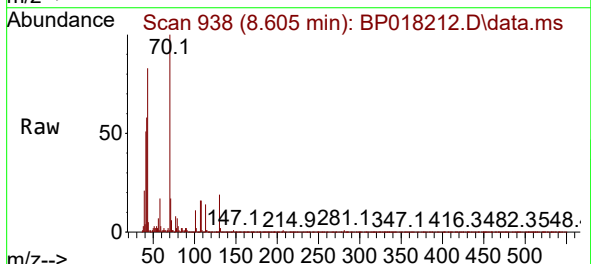
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ClientSampleId :
SSTD020682

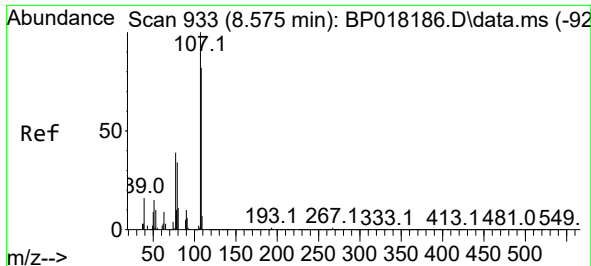
Tgt Ion:105 Resp: 191114
Ion Ratio Lower Upper
105 100
77 90.4 70.1 105.1
51 31.9 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 19.356 ng/ul
RT: 8.605 min Scan# 938
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion: 70 Resp: 104744
Ion Ratio Lower Upper
70 100
42 58.4 43.7 65.5
101 10.8 8.2 12.4
130 18.7 15.2 22.8

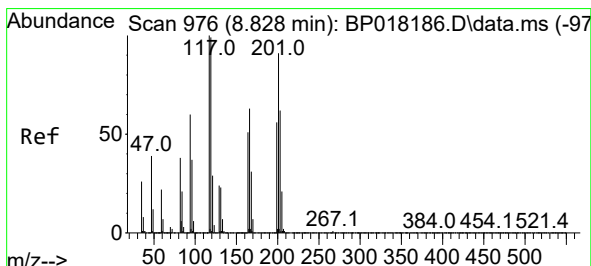
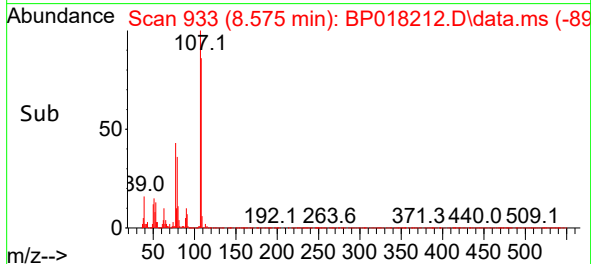
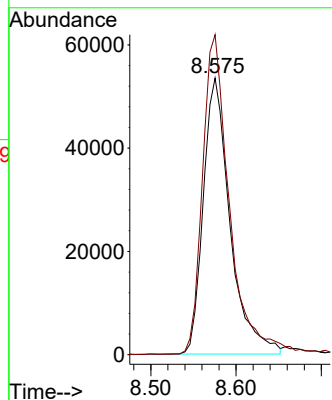
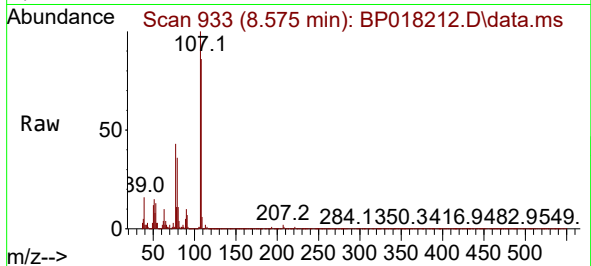




#18
4-Methylphenol
Concen: 18.873 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

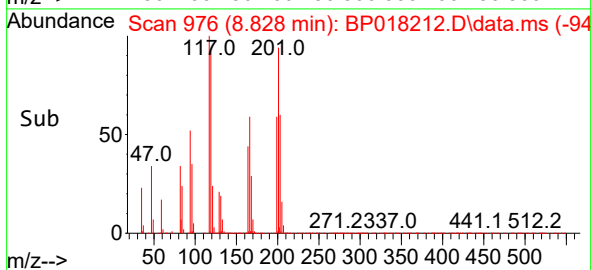
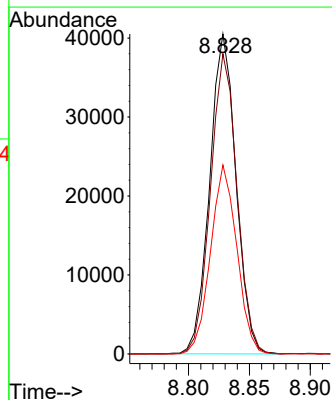
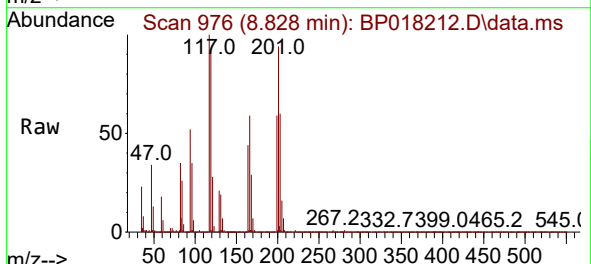
Instrument :
BNA_P
ClientSampleId :
SSTD020682

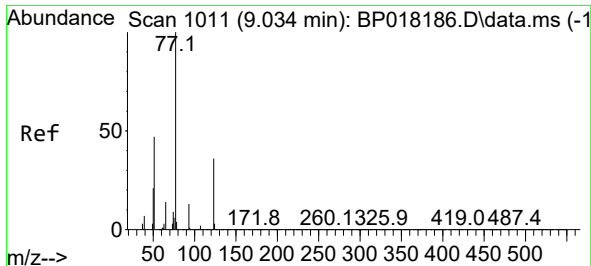
Tgt Ion:108 Resp: 116740
Ion Ratio Lower Upper
108 100
107 115.7 88.2 132.4



#19
Hexachloroethane
Concen: 21.009 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:117 Resp: 60818
Ion Ratio Lower Upper
117 100
201 93.8 84.8 127.2
199 59.1 49.0 73.4

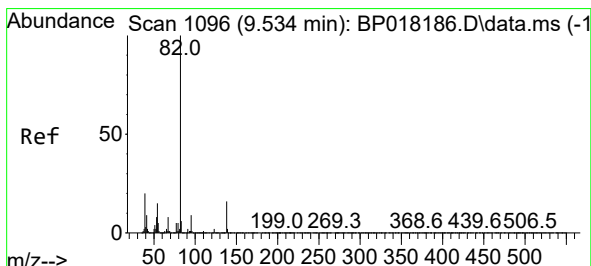
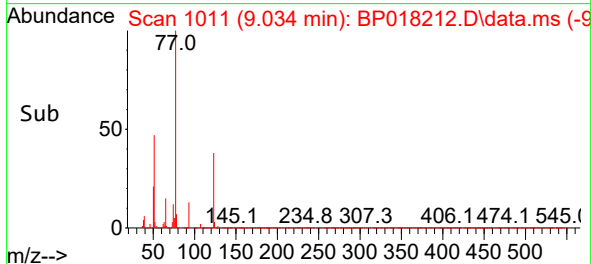
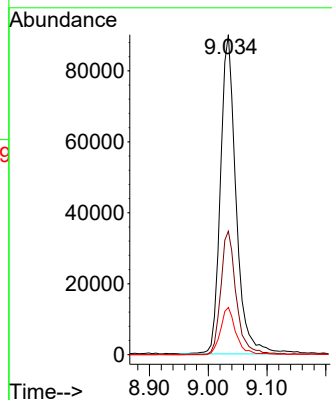
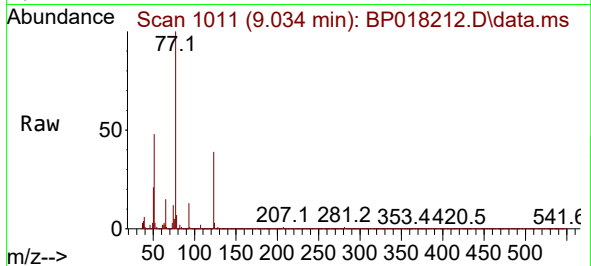




#22
Nitrobenzene
Concen: 20.880 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

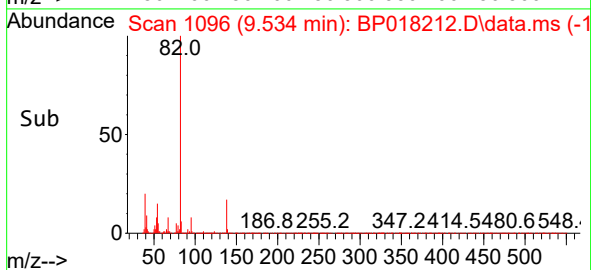
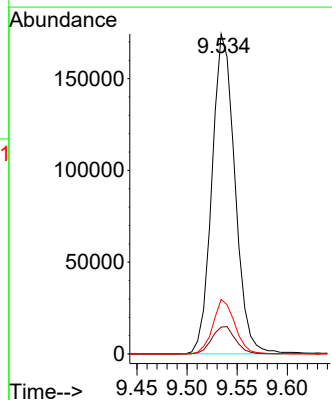
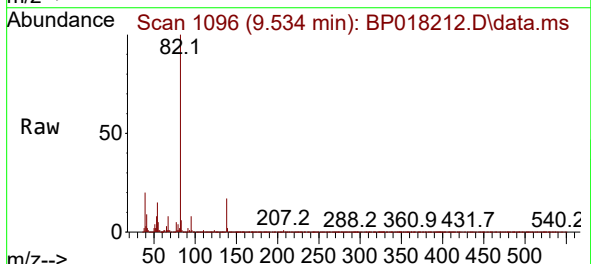
Instrument :
BNA_P
ClientSampleId :
SSTD020682

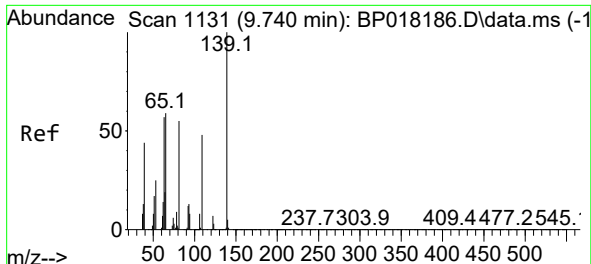
Tgt Ion: 77 Resp: 164998
Ion Ratio Lower Upper
77 100
123 38.6 27.8 41.8
65 14.7 11.5 17.3



#23
Isophorone
Concen: 19.271 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion: 82 Resp: 277887
Ion Ratio Lower Upper
82 100
95 8.4 6.6 9.8
138 17.1 13.1 19.7

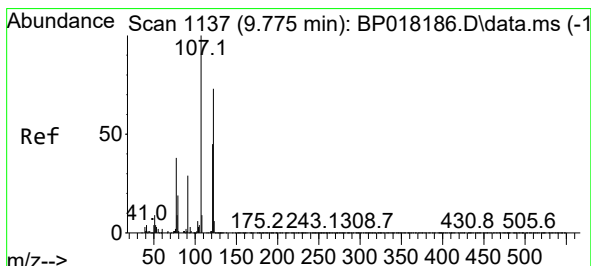
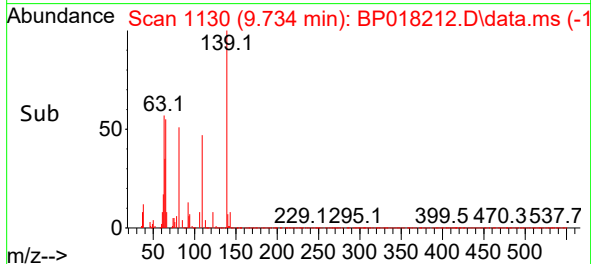
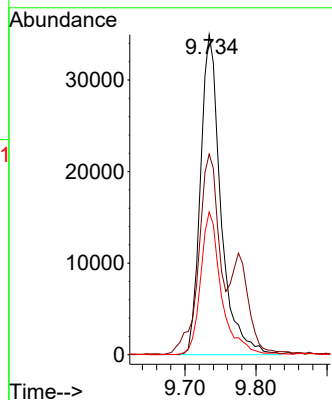
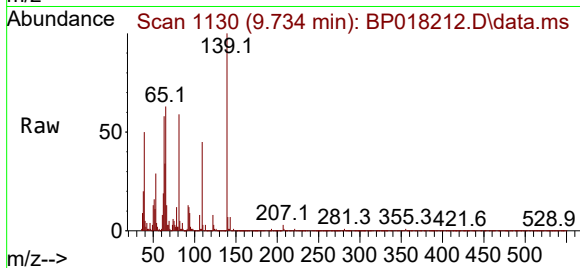




#25
2-Nitrophenol
Concen: 20.479 ng/ul
RT: 9.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

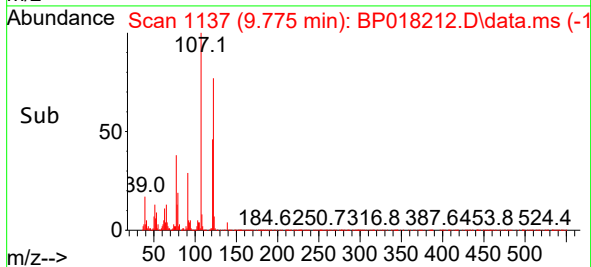
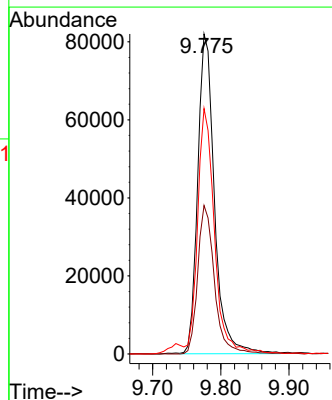
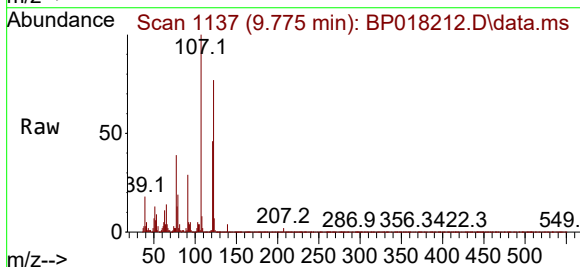
Instrument :
BNA_P
ClientSampleId :
SSTD020682

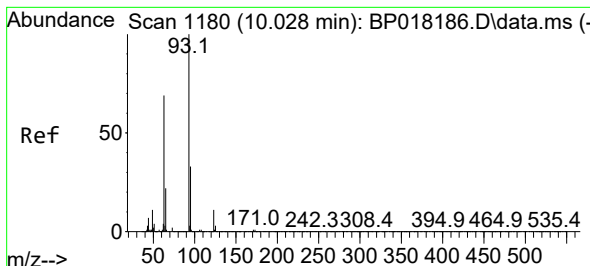
Tgt Ion:139 Resp: 69775
Ion Ratio Lower Upper
139 100
65 62.7 51.4 77.0
109 44.6 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 19.333 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:107 Resp: 140116
Ion Ratio Lower Upper
107 100
121 46.4 37.8 56.8
122 76.7 62.1 93.1

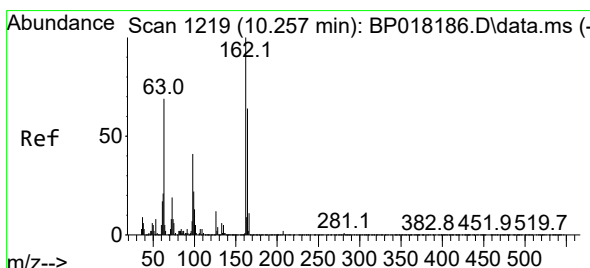
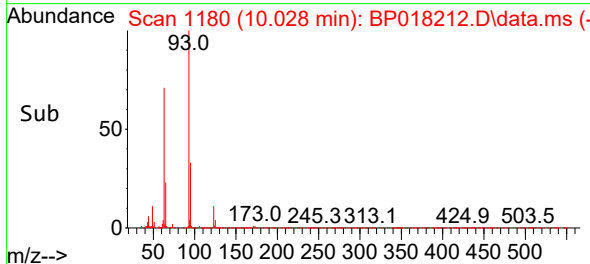
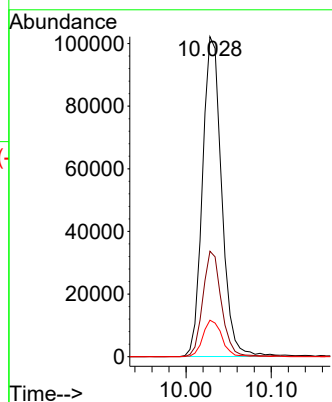
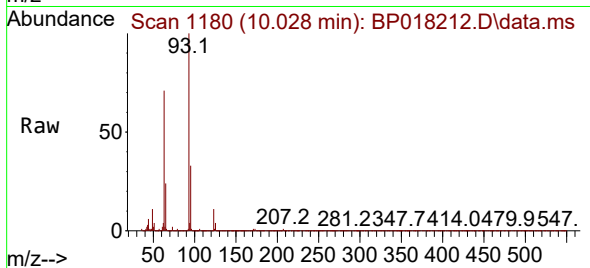




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.300 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BP018212.D
 Acq: 16 Nov 2023 14:41

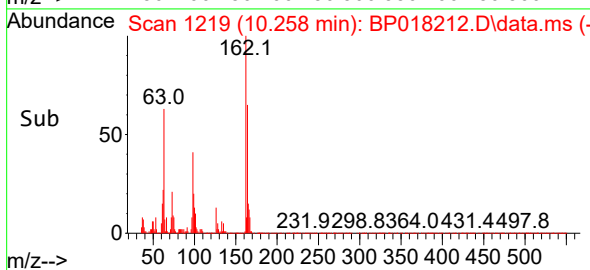
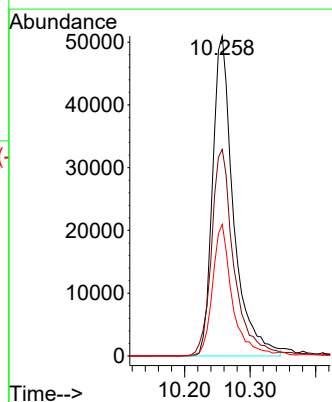
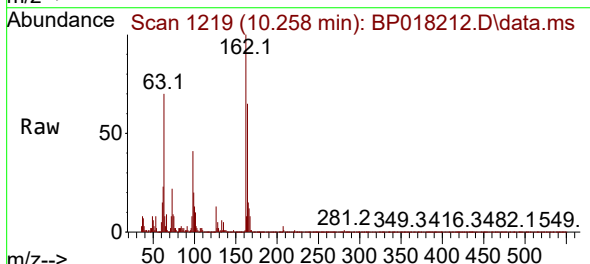
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020682

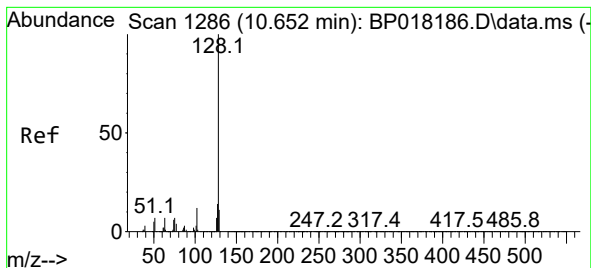
Tgt Ion: 93 Resp: 159621
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.2
 123 11.4 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 19.998 ng/ul
 RT: 10.258 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BP018212.D
 Acq: 16 Nov 2023 14:41

Tgt Ion:162 Resp: 112848
 Ion Ratio Lower Upper
 162 100
 164 64.6 51.8 77.6
 98 41.1 28.7 43.1

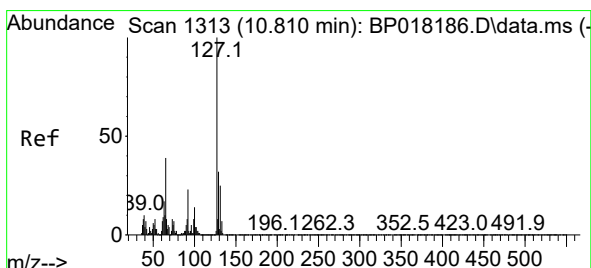
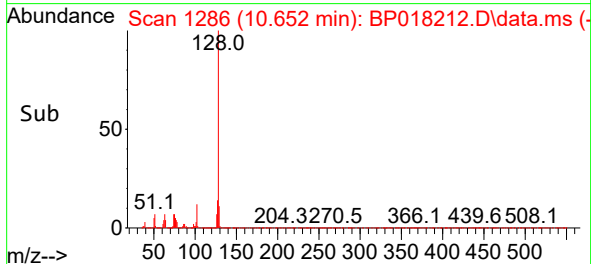
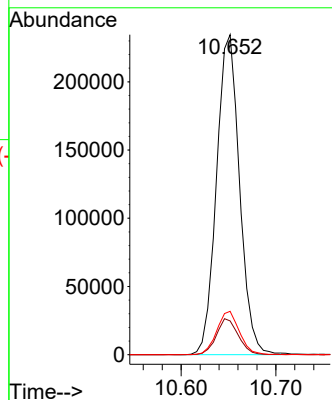
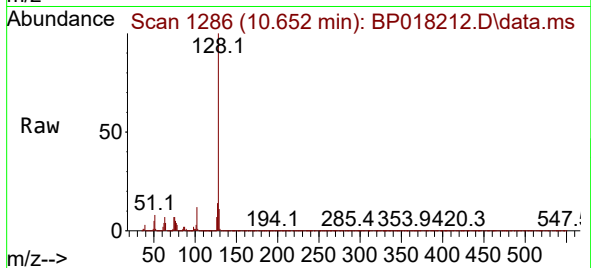




#30
Naphthalene
Concen: 20.070 ng/ul
RT: 10.652 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

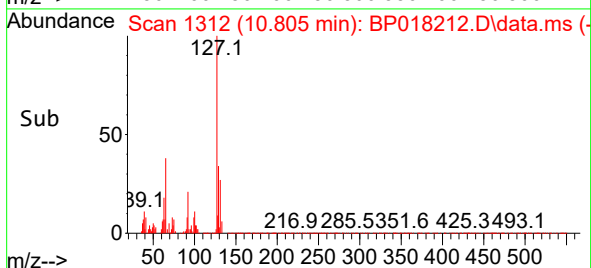
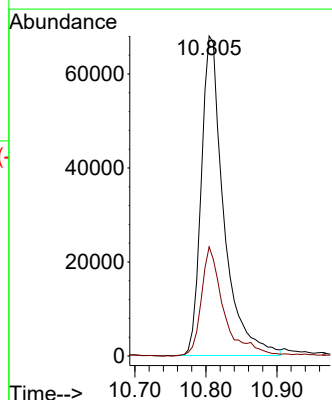
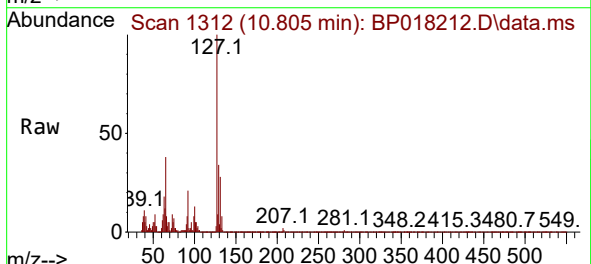
Instrument :
BNA_P
ClientSampleId :
SSTD020682

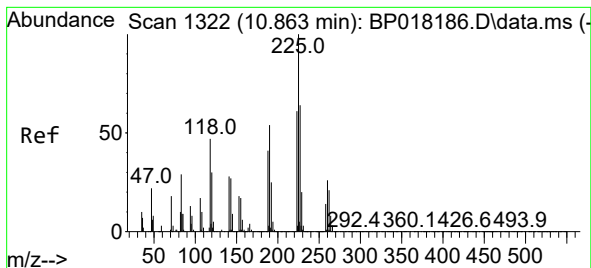
Tgt Ion:128 Resp: 396477
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.5 10.3 15.5



#32
4-Chloroaniline
Concen: 19.271 ng/ul
RT: 10.805 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:127 Resp: 149590
Ion Ratio Lower Upper
127 100
129 34.1 26.1 39.1





#33

Hexachlorobutadiene

Concen: 20.632 ng/ul

RT: 10.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

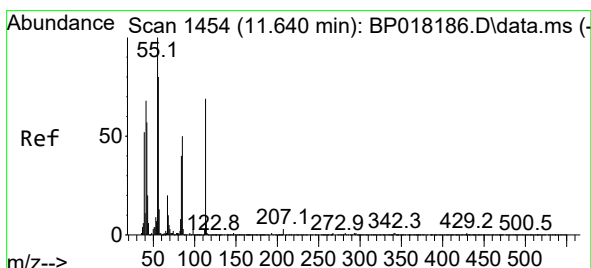
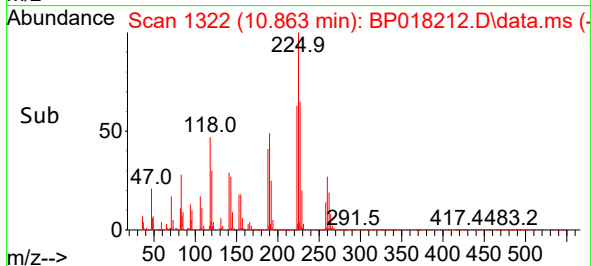
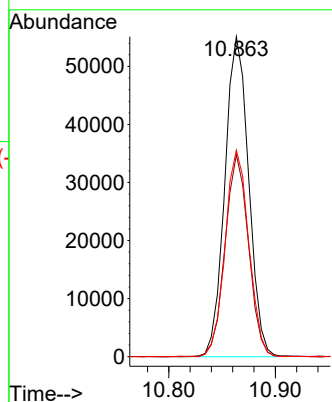
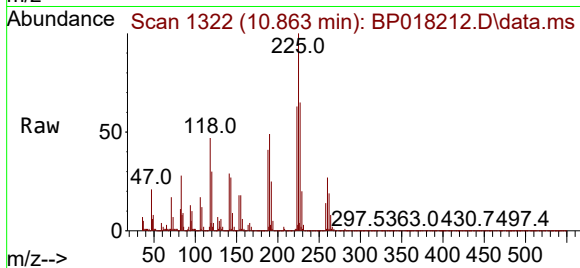
Tgt Ion:225 Resp: 85469

Ion Ratio Lower Upper

225 100

223 63.1 52.5 78.7

227 64.6 51.9 77.9



#34

Caprolactam

Concen: 6.925 ng/ul

RT: 11.634 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

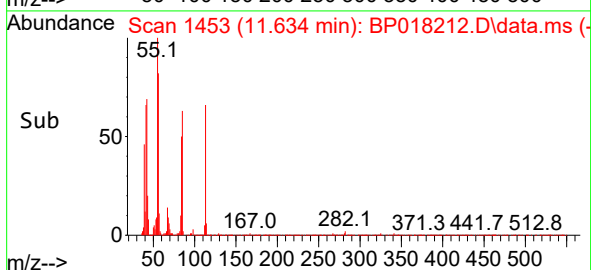
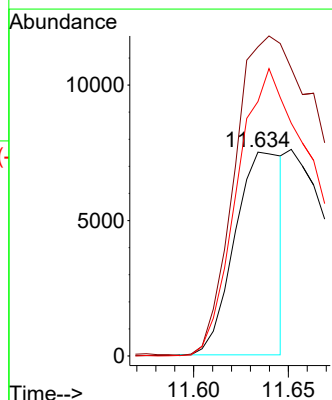
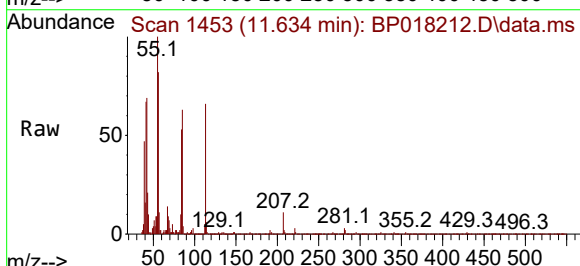
Tgt Ion:113 Resp: 12982

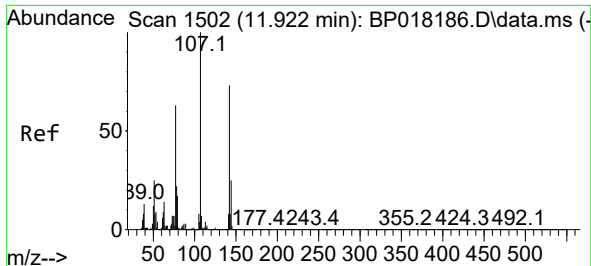
Ion Ratio Lower Upper

113 100

55 151.6 118.3 177.5

56 124.8 95.6 143.4

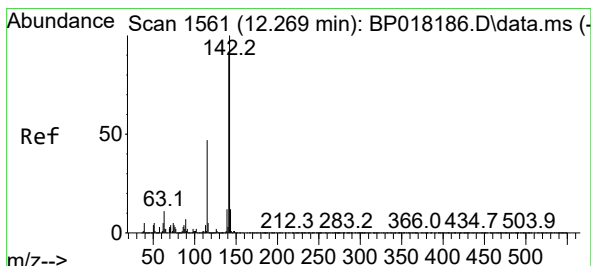
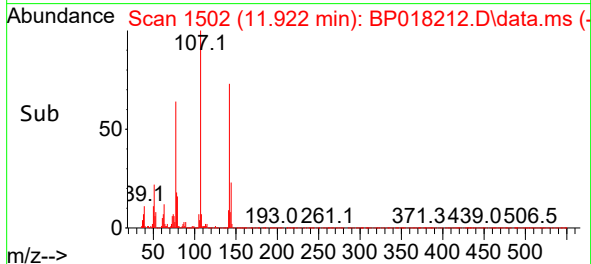
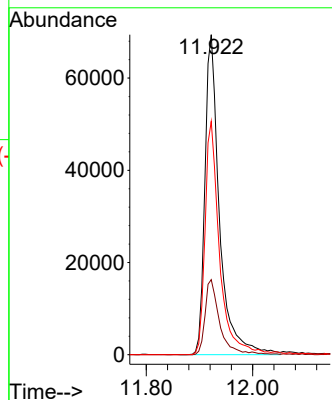
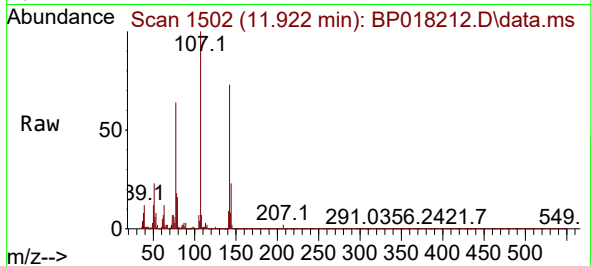




#35
4-Chloro-3-methylphenol
Concen: 19.407 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

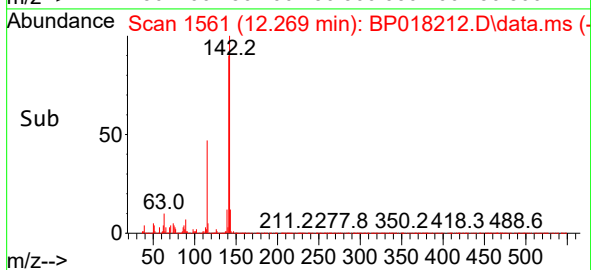
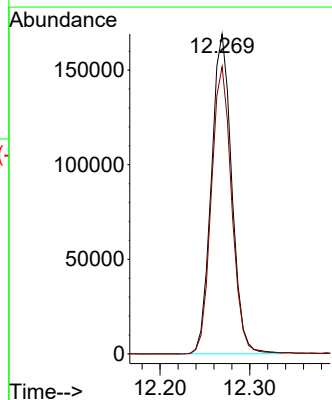
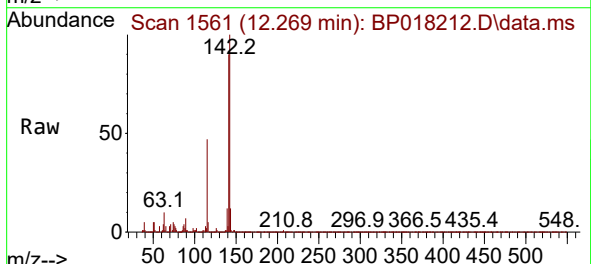
Instrument :
BNA_P
ClientSampleId :
SSTD020682

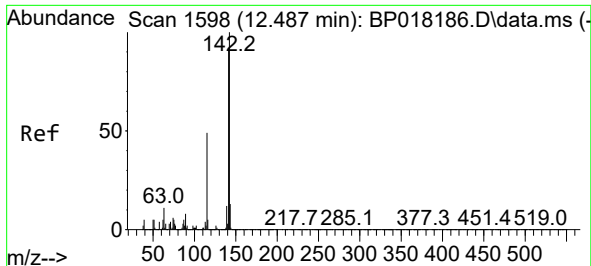
Tgt Ion:107 Resp: 131754
Ion Ratio Lower Upper
107 100
144 23.4 19.1 28.7
142 72.9 54.8 82.2



#36
2-Methylnaphthalene
Concen: 19.682 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:142 Resp: 266936
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5





#37

1-Methylnaphthalene

Concen: 19.357 ng/ul

RT: 12.487 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

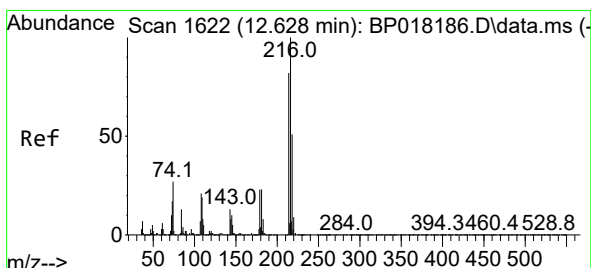
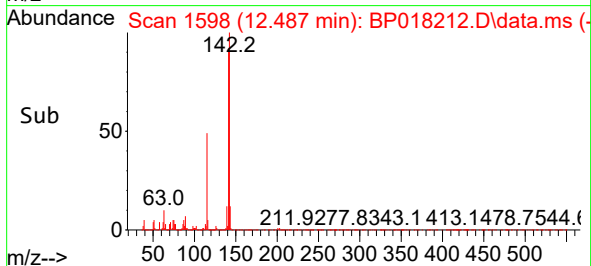
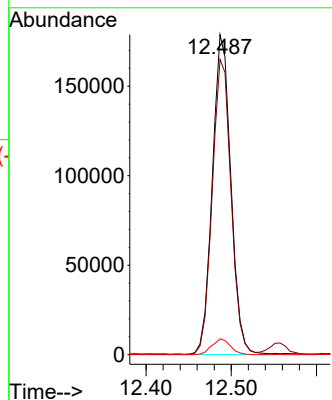
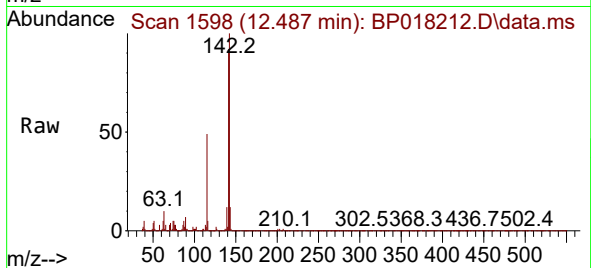
Tgt Ion:142 Resp: 269778

Ion Ratio Lower Upper

142 100

141 92.2 72.8 109.2

116 5.0 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.914 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Tgt Ion:216 Resp: 142019

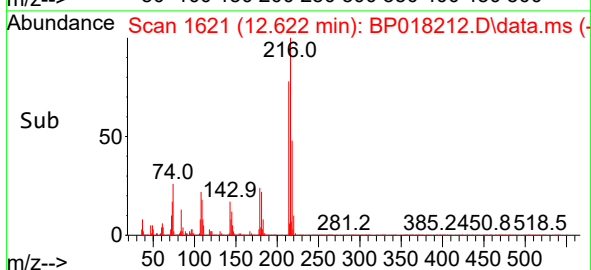
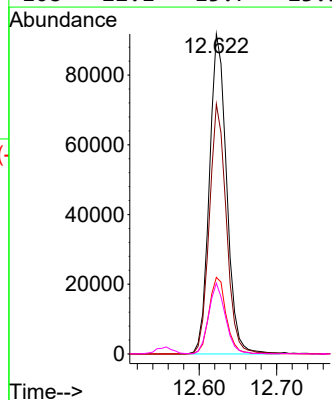
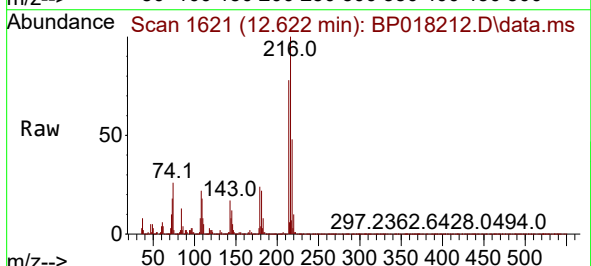
Ion Ratio Lower Upper

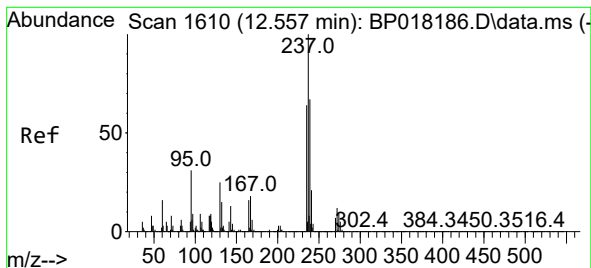
216 100

214 78.1 64.8 97.2

179 24.0 18.3 27.5

108 22.1 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 19.059 ng/ul

RT: 12.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

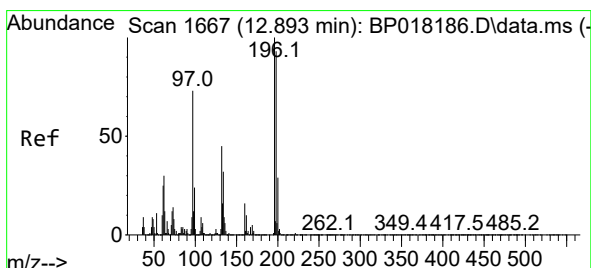
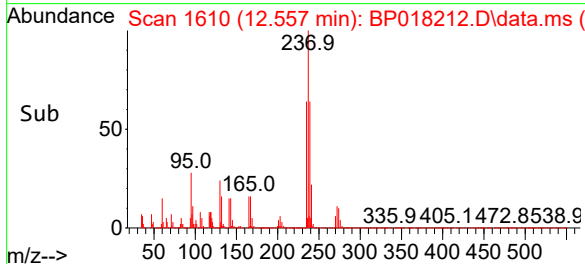
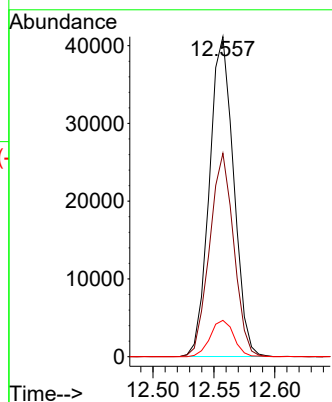
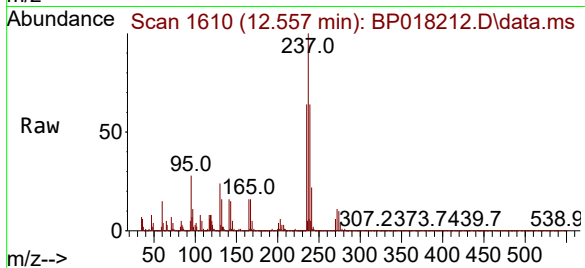
Tgt Ion:237 Resp: 57019

Ion Ratio Lower Upper

237 100

235 63.6 49.9 74.9

272 11.3 8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 21.697 ng/ul

RT: 12.893 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

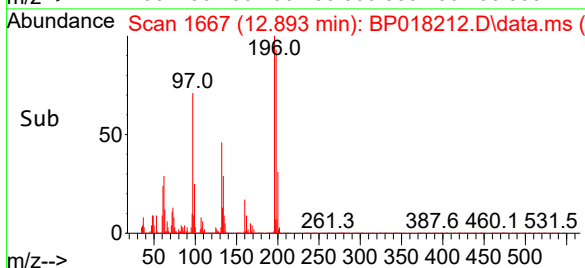
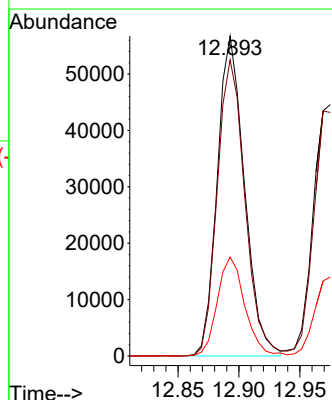
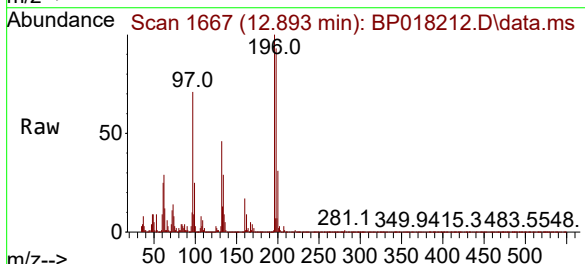
Tgt Ion:196 Resp: 88215

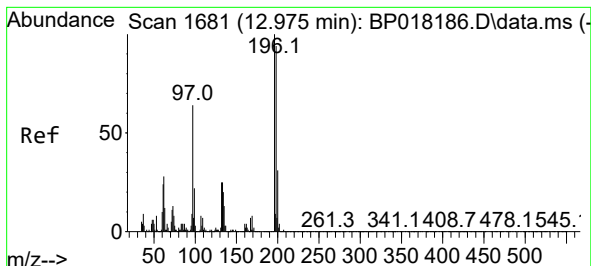
Ion Ratio Lower Upper

196 100

198 92.5 78.9 118.3

200 30.9 25.8 38.8





#42

2,4,5-Trichlorophenol

Concen: 19.938 ng/ul

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

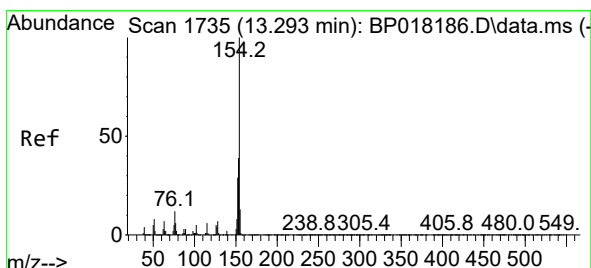
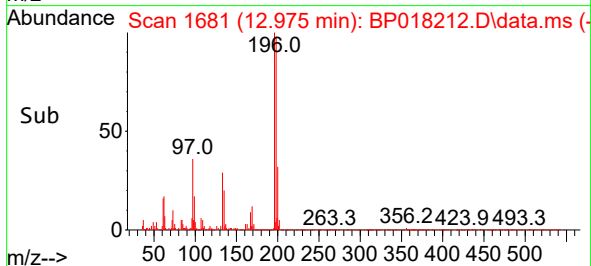
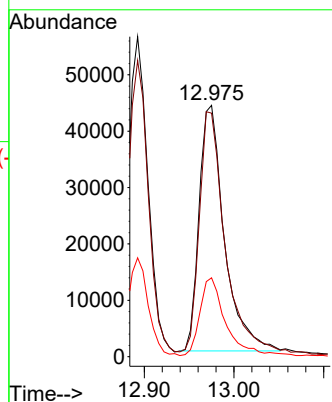
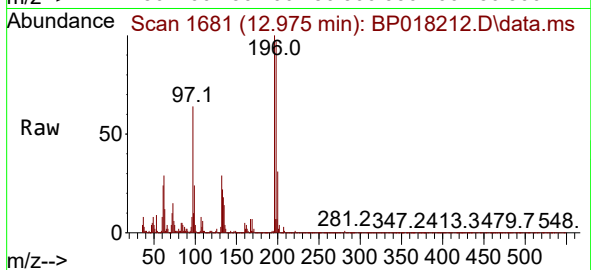
Tgt Ion:196 Resp: 85314

Ion Ratio Lower Upper

196 100

198 96.9 78.9 118.3

200 31.4 26.6 40.0



#43

1,1'-Biphenyl

Concen: 22.384 ng/ul

RT: 13.293 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

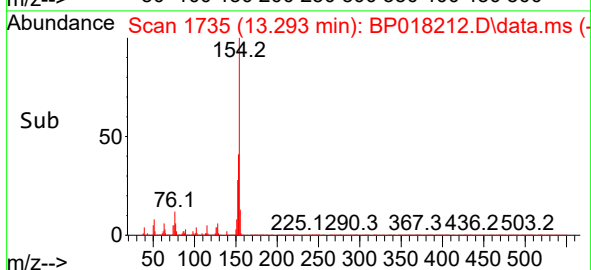
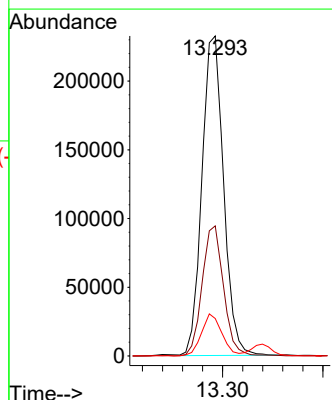
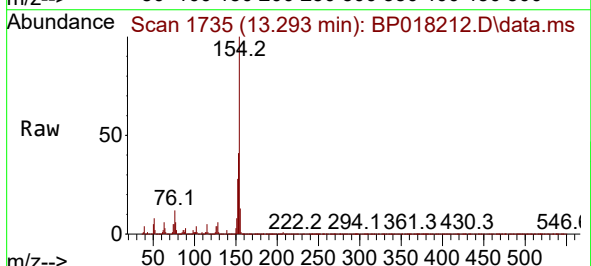
Tgt Ion:154 Resp: 349212

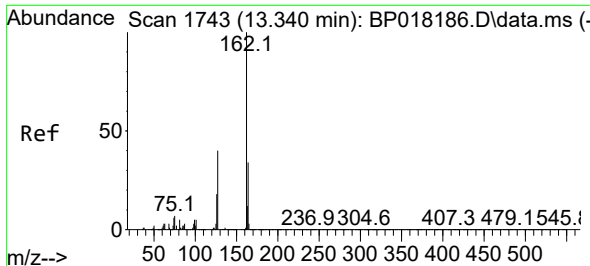
Ion Ratio Lower Upper

154 100

153 40.7 32.4 48.6

76 11.7 9.8 14.8

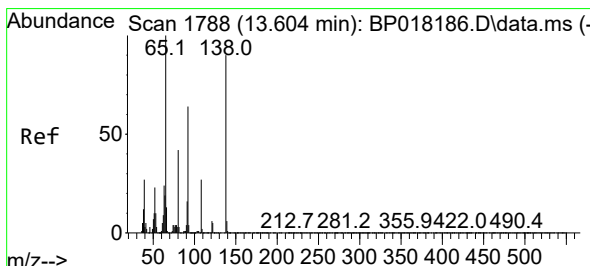
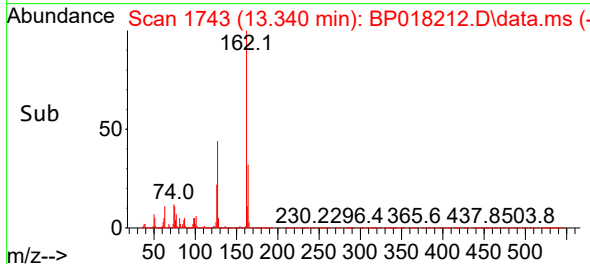
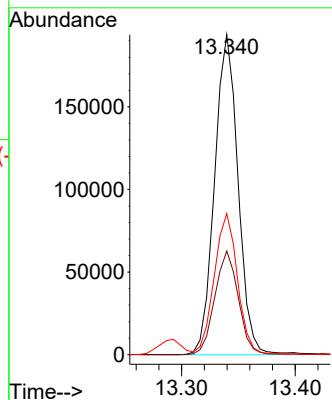
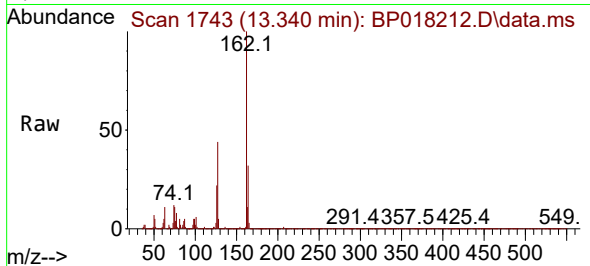




#44
2-Chloronaphthalene
Concen: 22.399 ng/ul
RT: 13.340 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

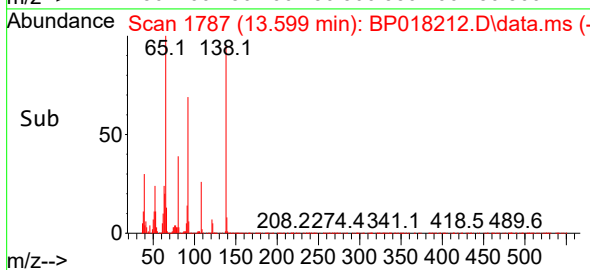
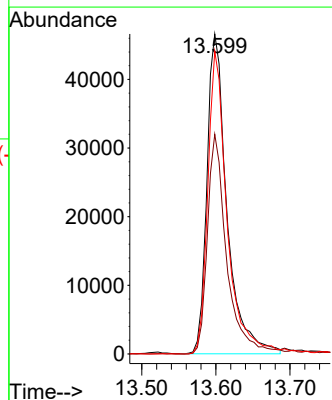
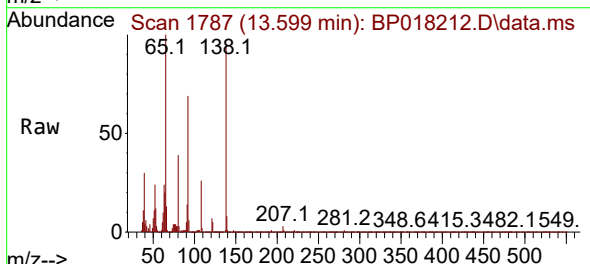
Instrument :
BNA_P
ClientSampleId :
SSTD020682

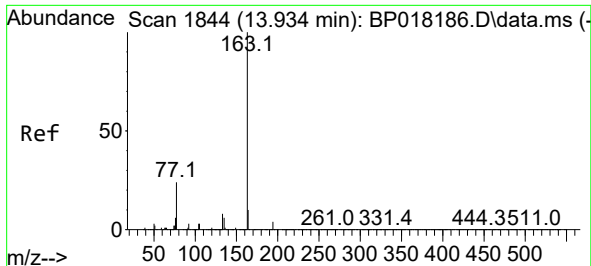
Tgt Ion:162 Resp: 277436
Ion Ratio Lower Upper
162 100
164 32.4 26.9 40.3
127 44.1 35.4 53.2



#45
2-Nitroaniline
Concen: 21.908 ng/ul
RT: 13.599 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion: 65 Resp: 87564
Ion Ratio Lower Upper
65 100
92 68.7 53.8 80.6
138 94.6 75.1 112.7

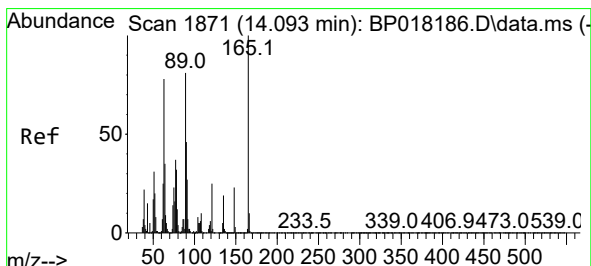
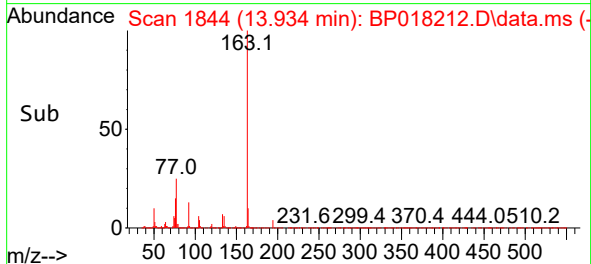
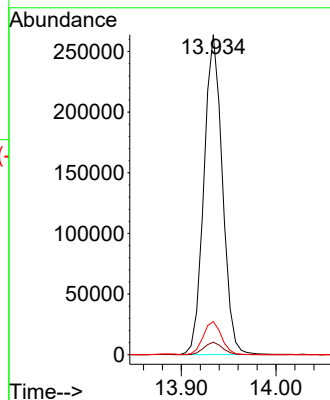
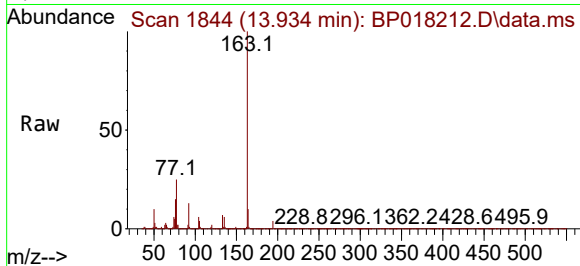




#47
Dimethylphthalate
Concen: 21.472 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

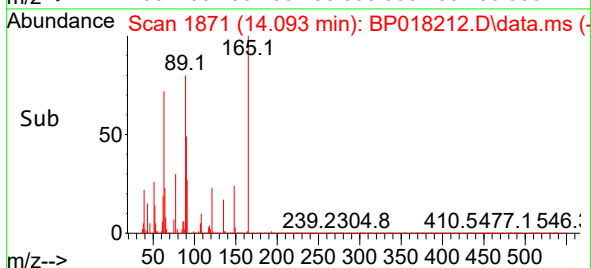
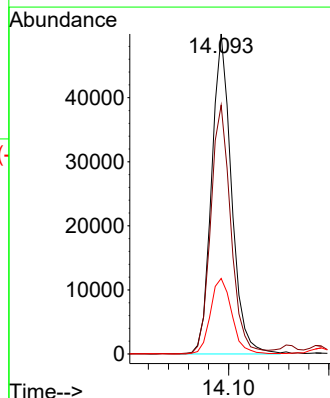
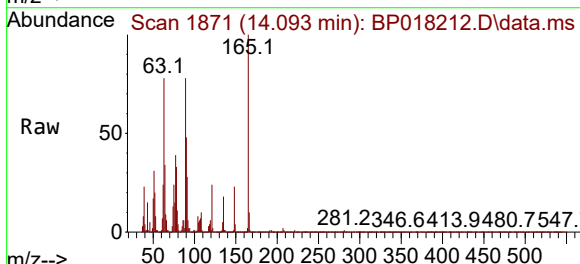
Instrument :
BNA_P
ClientSampleId :
SSTD020682

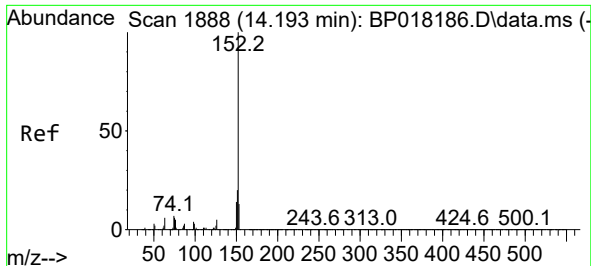
Tgt Ion:163 Resp: 356557
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.4 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 20.838 ng/ul
RT: 14.093 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:165 Resp: 68778
Ion Ratio Lower Upper
165 100
89 77.8 59.4 89.0
121 23.6 18.2 27.4

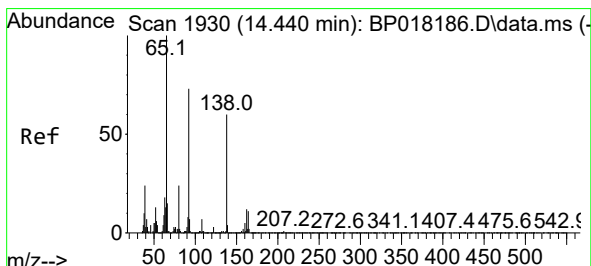
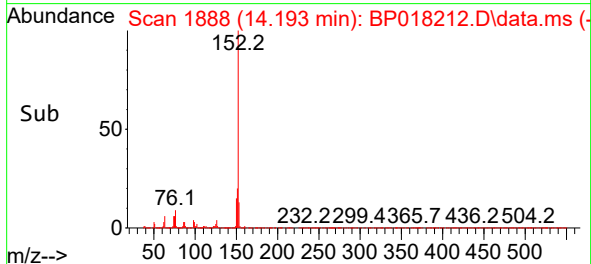
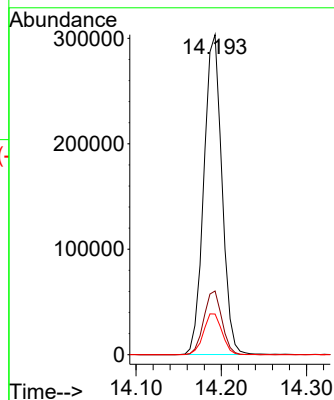
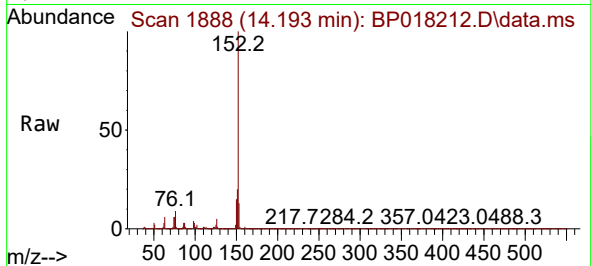




#50
Acenaphthylene
Concen: 21.423 ng/ul
RT: 14.193 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

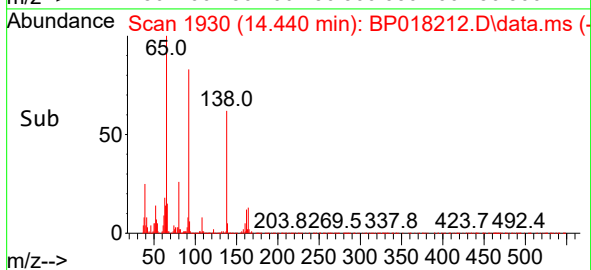
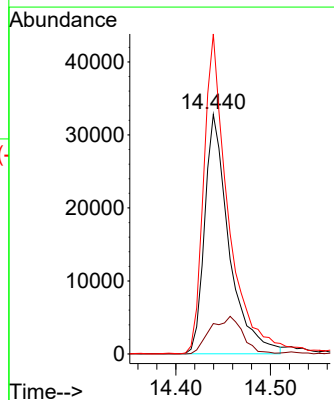
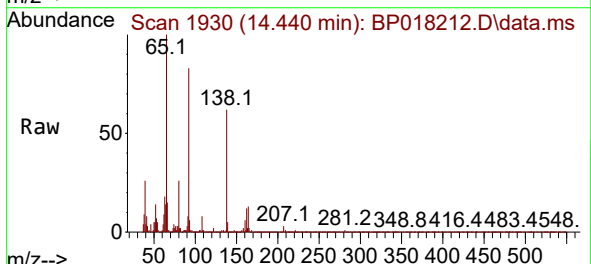
Instrument :
BNA_P
ClientSampleId :
SSTD020682

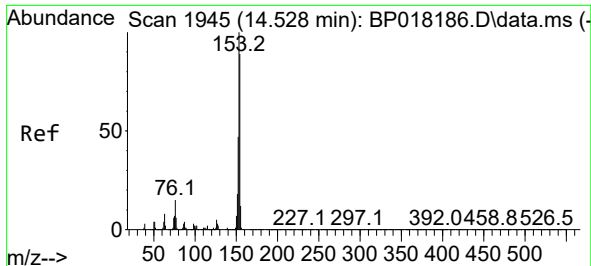
Tgt Ion:152 Resp: 445942
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.7 10.4 15.6



#51
3-Nitroaniline
Concen: 19.125 ng/ul
RT: 14.440 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:138 Resp: 58572
Ion Ratio Lower Upper
138 100
108 12.7 8.3 12.5#
92 133.6 99.0 148.4

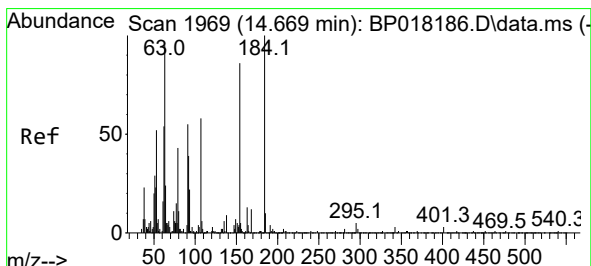
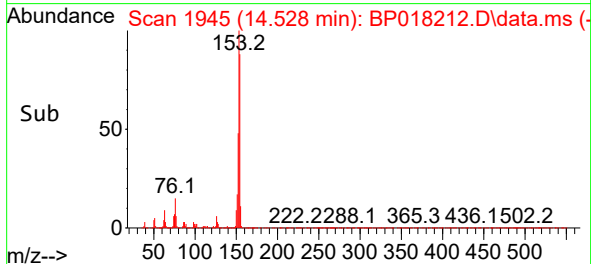
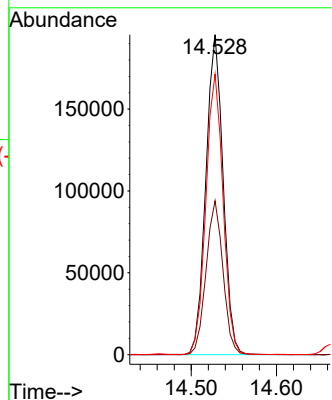
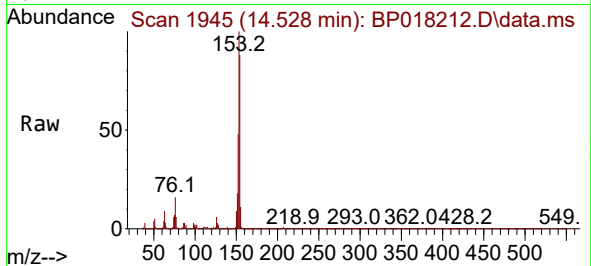




#52
Acenaphthene
Concen: 19.864 ng/ul
RT: 14.528 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

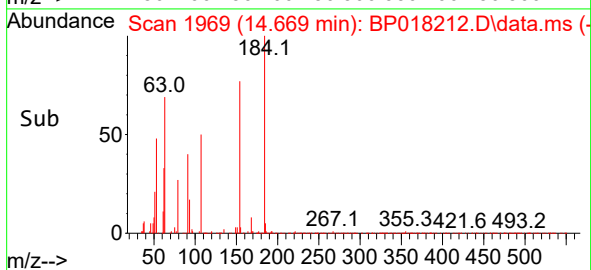
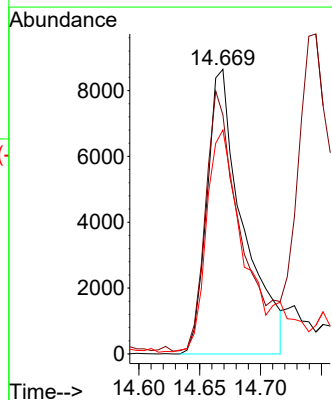
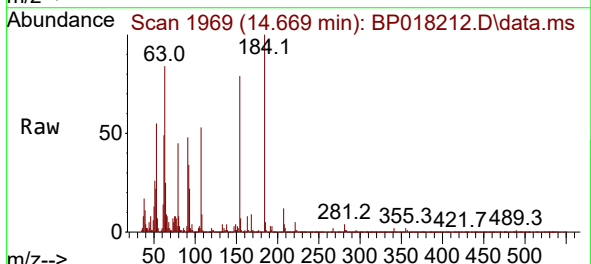
Instrument :
BNA_P
ClientSampleId :
SSTD020682

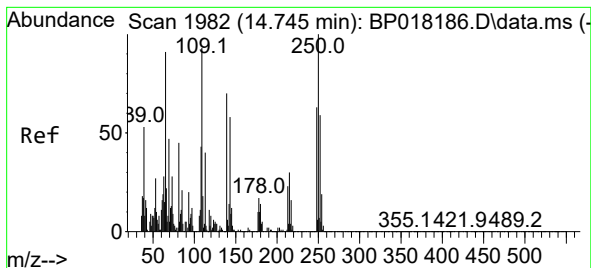
Tgt Ion:153 Resp: 274184
Ion Ratio Lower Upper
153 100
152 48.1 39.0 58.6
154 87.7 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 9.867 ng/ul
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:184 Resp: 17766
Ion Ratio Lower Upper
184 100
63 84.0 67.7 101.5
154 78.7 60.2 90.4

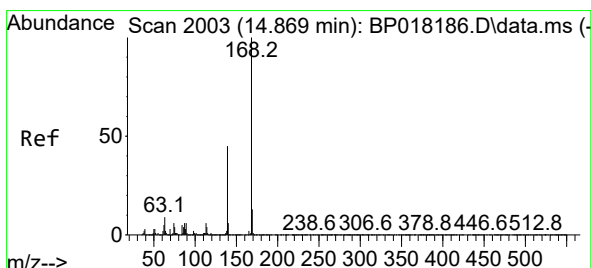
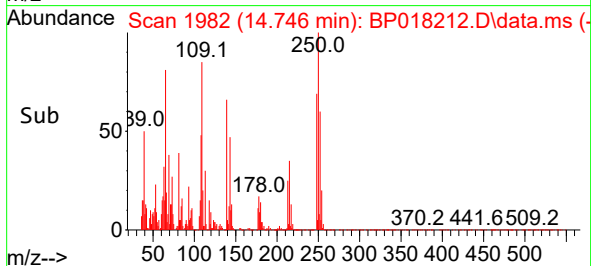
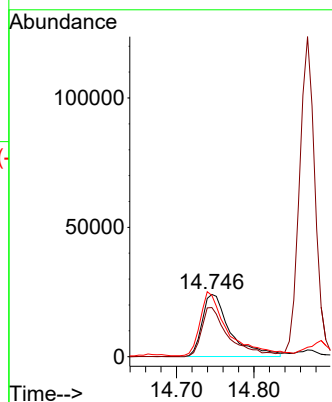
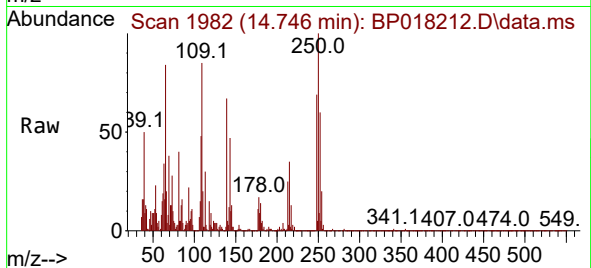




#55
4-Nitrophenol
Concen: 17.994 ng/ul
RT: 14.746 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

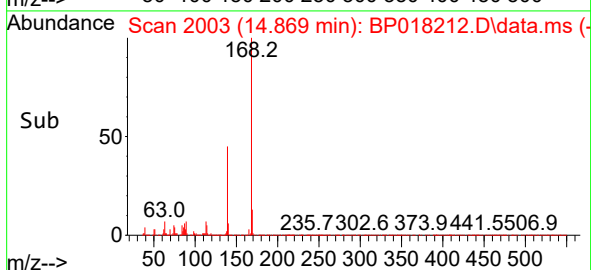
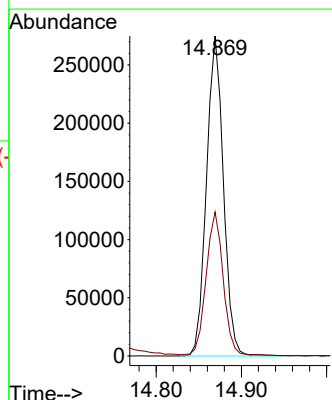
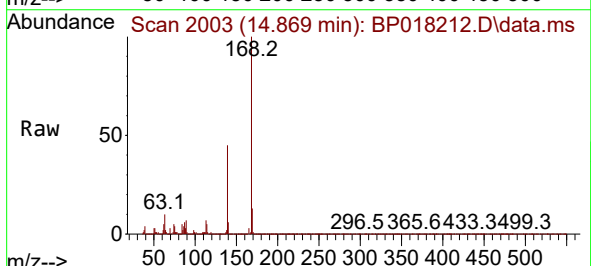
Instrument :
BNA_P
ClientSampleId :
SSTD020682

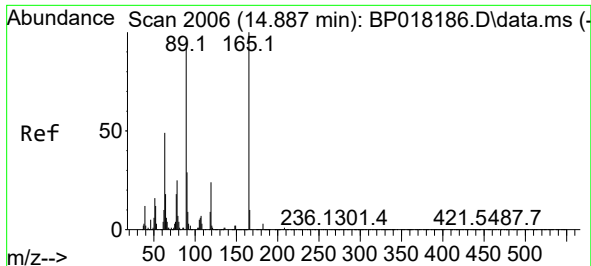
Tgt Ion:109 Resp: 60418
Ion Ratio Lower Upper
109 100
139 78.8 74.9 112.3
65 98.5 93.8 140.6



#56
Dibenzofuran
Concen: 20.054 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:168 Resp: 379346
Ion Ratio Lower Upper
168 100
139 45.0 34.0 51.0





#57

2,4-Dinitrotoluene

Concen: 19.856 ng/ul

RT: 14.887 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

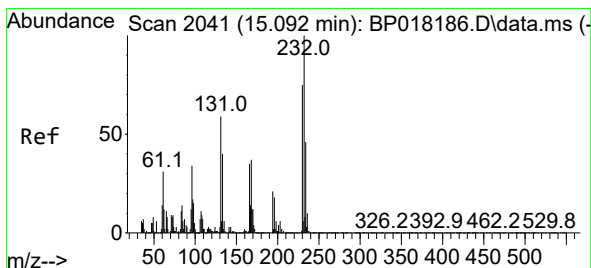
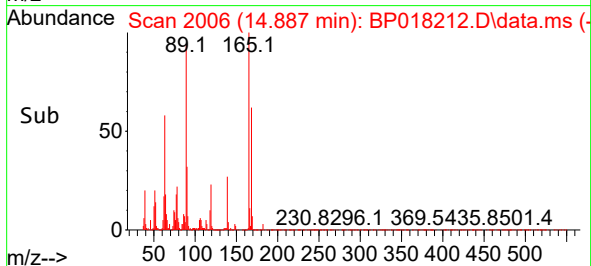
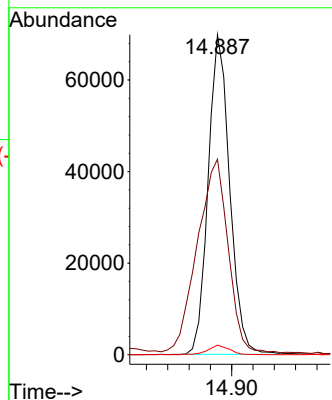
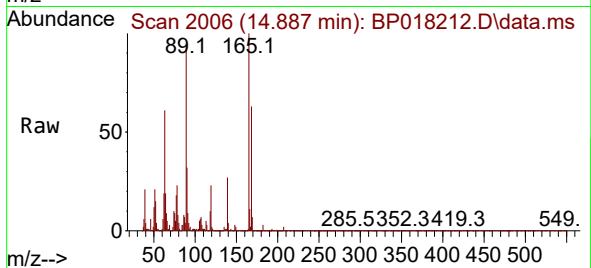
Tgt Ion:165 Resp: 97914

Ion Ratio Lower Upper

165 100

63 61.1 48.6 72.8

182 3.0 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.591 ng/ul

RT: 15.093 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Tgt Ion:232 Resp: 70766

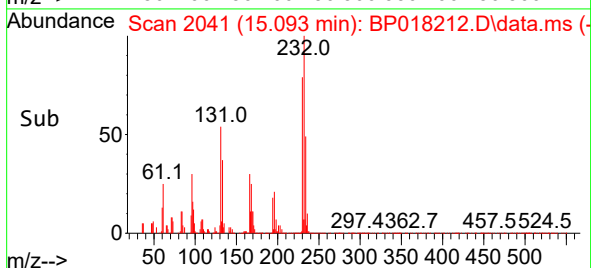
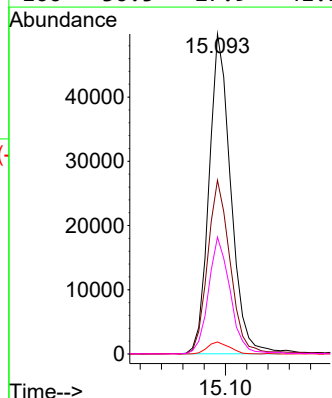
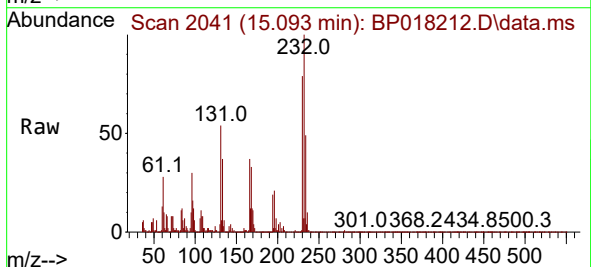
Ion Ratio Lower Upper

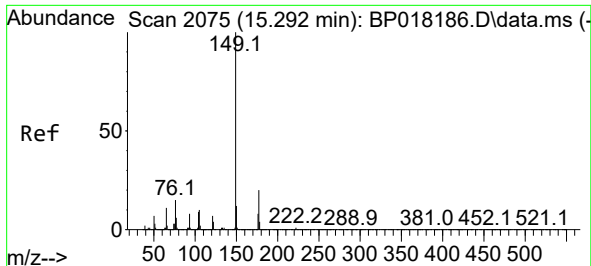
232 100

131 54.3 44.1 66.1

130 3.8 2.5 3.7#

166 36.5 27.9 41.9





#59

Diethylphthalate

Concen: 19.942 ng/ul

RT: 15.293 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

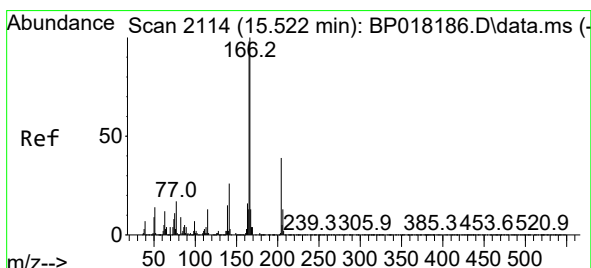
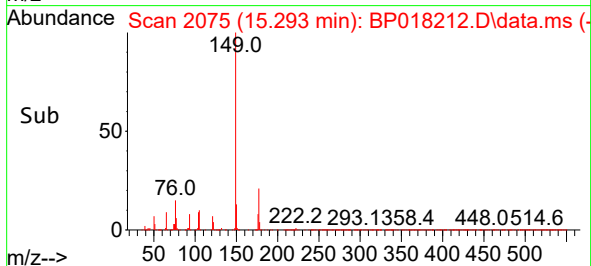
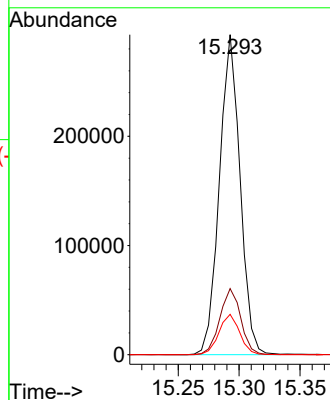
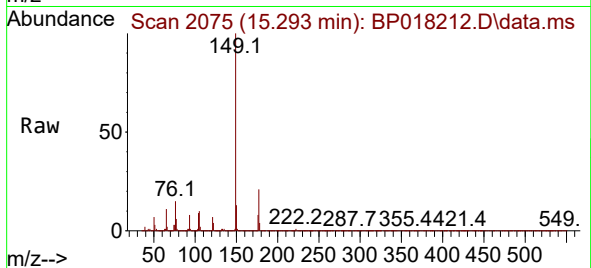
Tgt Ion:149 Resp: 345958

Ion Ratio Lower Upper

149 100

177 20.6 16.3 24.5

150 12.6 10.0 15.0



#61

Fluorene

Concen: 20.534 ng/ul

RT: 15.522 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

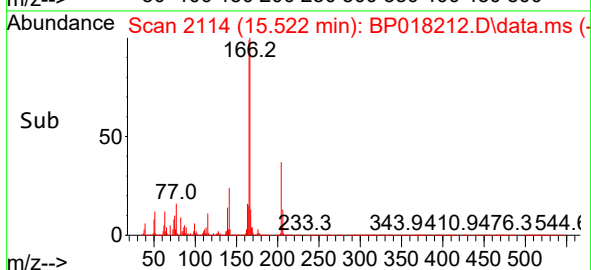
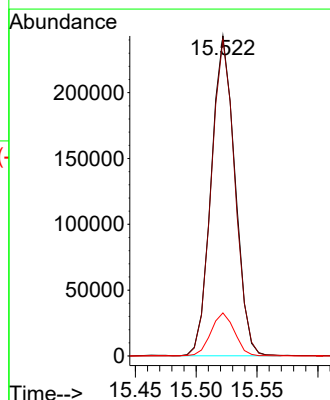
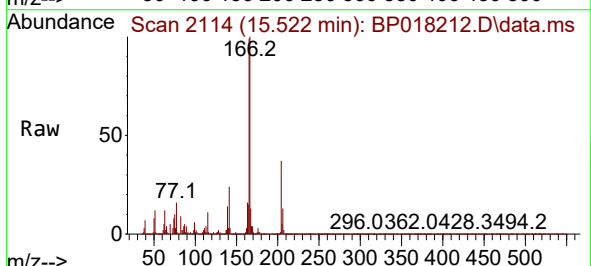
Tgt Ion:166 Resp: 329767

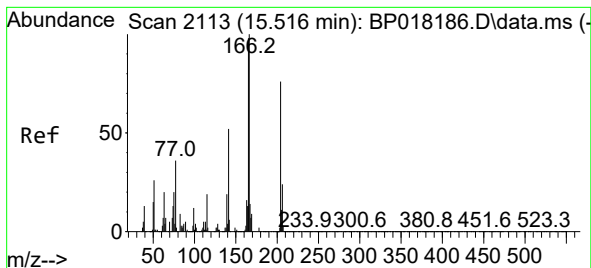
Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.6

167 13.5 10.6 16.0

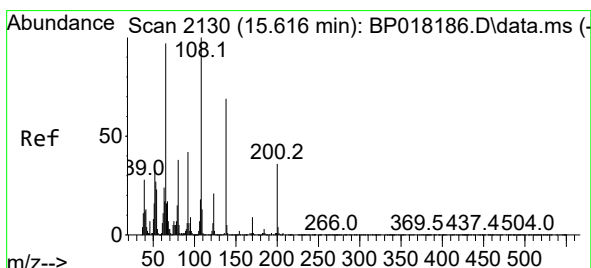
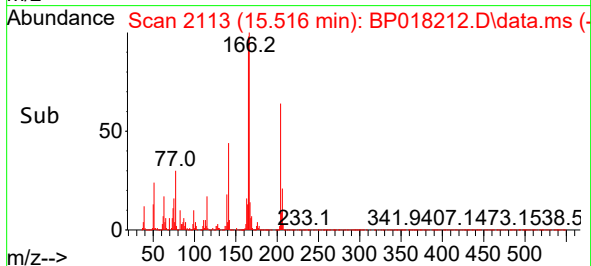
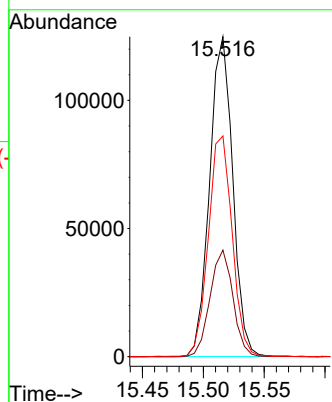
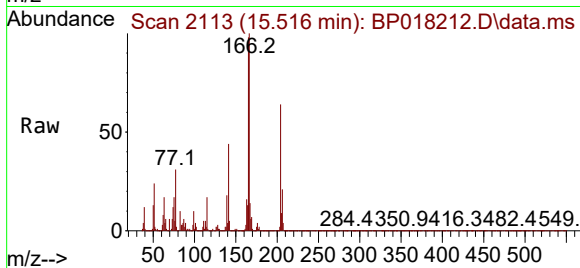




#62
4-Chlorophenyl-phenylether
Concen: 20.935 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

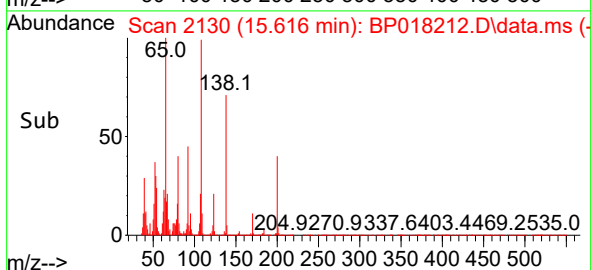
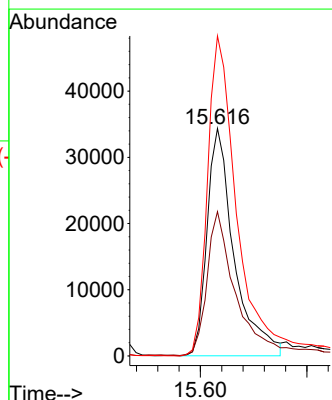
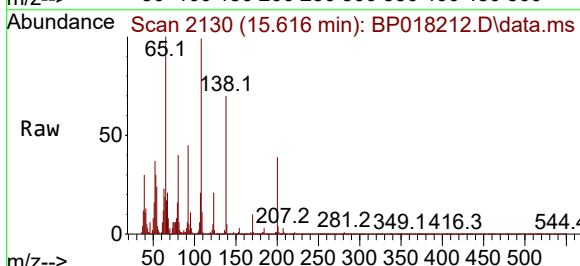
Instrument :
BNA_P
ClientSampleId :
SSTD020682

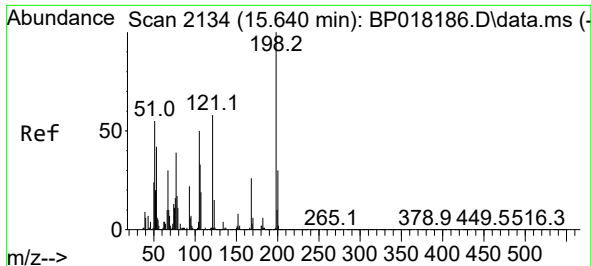
Tgt Ion:204 Resp: 164757
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 69.0 56.0 84.0



#63
4-Nitroaniline
Concen: 21.019 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:138 Resp: 60748
Ion Ratio Lower Upper
138 100
92 63.4 46.6 70.0
108 140.7 104.7 157.1

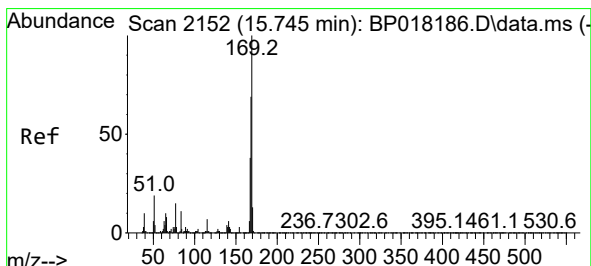
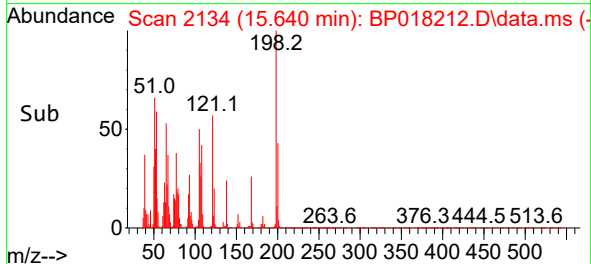
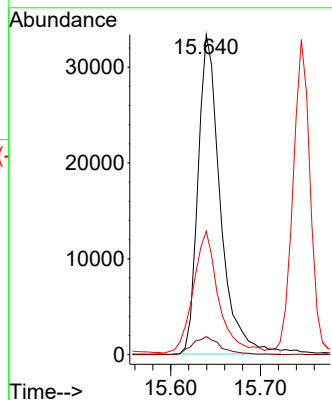
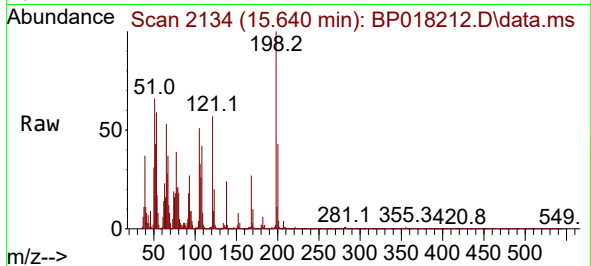




#66
4,6-Dinitro-2-methylphenol
Concen: 17.499 ng/ul
RT: 15.640 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

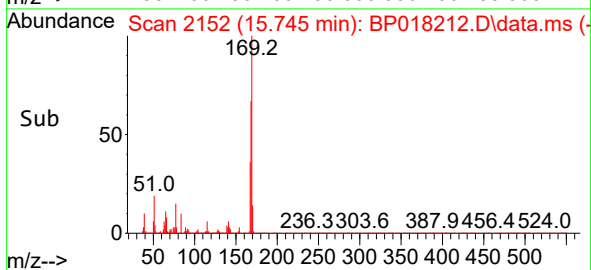
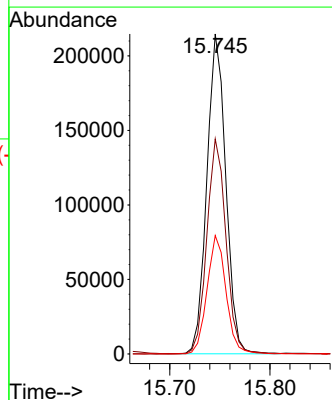
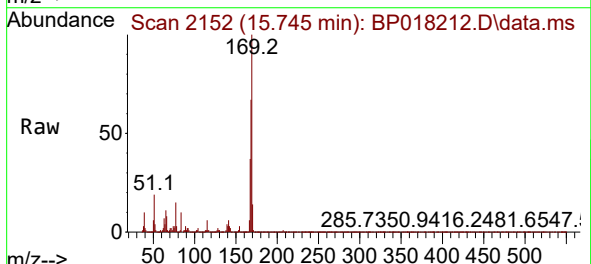
Instrument :
BNA_P
ClientSampleId :
SSTD020682

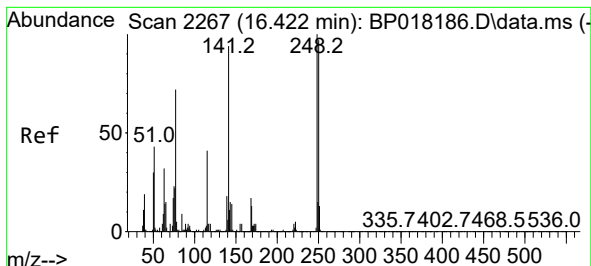
Tgt Ion:198 Resp: 57292
Ion Ratio Lower Upper
198 100
182 5.7 3.8 5.6#
77 38.6 27.2 40.8



#67
N-Nitrosodiphenylamine
Concen: 20.221 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:169 Resp: 283031
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.8
167 37.0 29.8 44.6

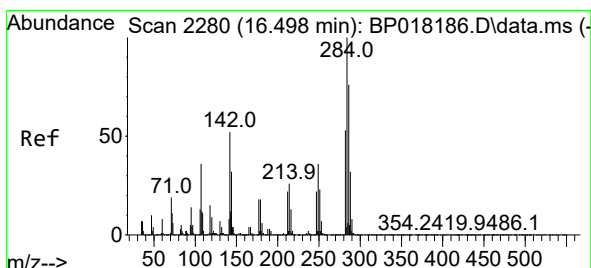
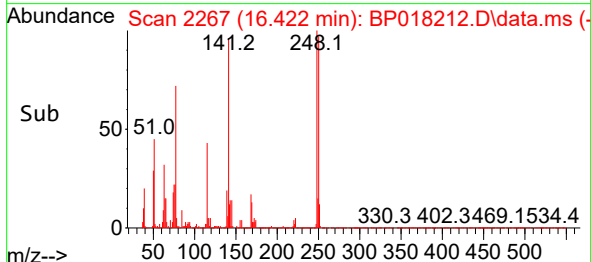
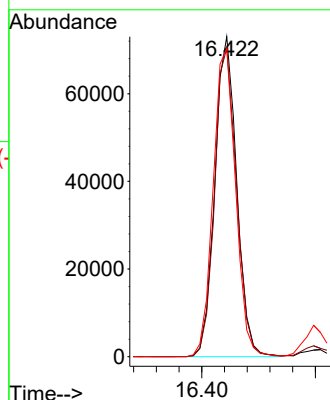
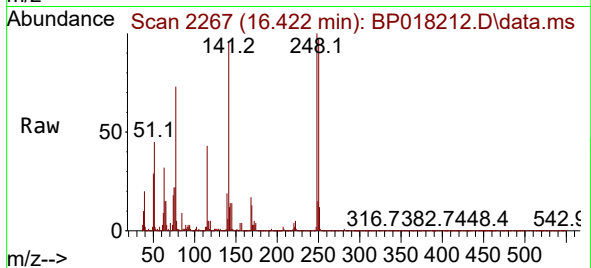




#68
4-Bromophenyl-phenylether
Concen: 19.837 ng/ul
RT: 16.422 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

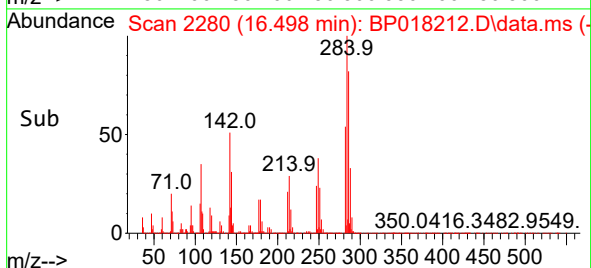
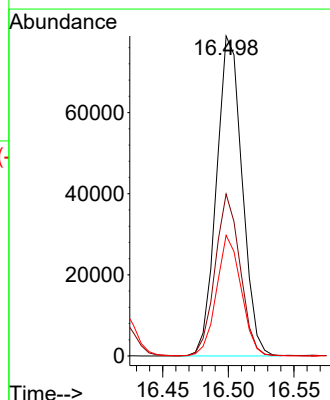
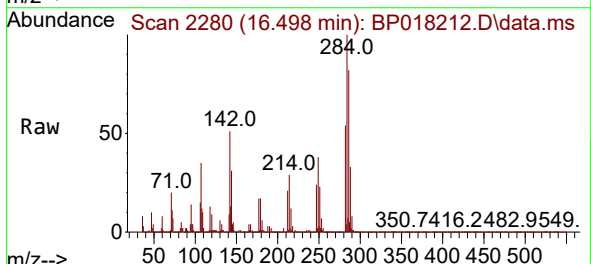
Instrument :
BNA_P
ClientSampleId :
SSTD020682

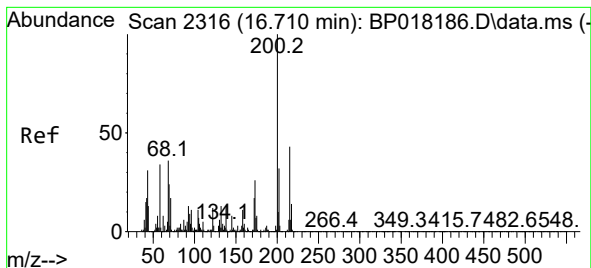
Tgt Ion:	248	Resp:	97581
Ion Ratio	Lower	Upper	
248	100		
250	96.5	72.7	109.1
141	96.4	70.4	105.6



#69
Hexachlorobenzene
Concen: 19.496 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018212.D
Acq: 16 Nov 2023 14:41

Tgt Ion:	284	Resp:	107010
Ion Ratio	Lower	Upper	
284	100		
142	50.6	38.9	58.3
249	37.7	28.6	43.0





#70

Atrazine

Concen: 20.421 ng/ul

RT: 16.710 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

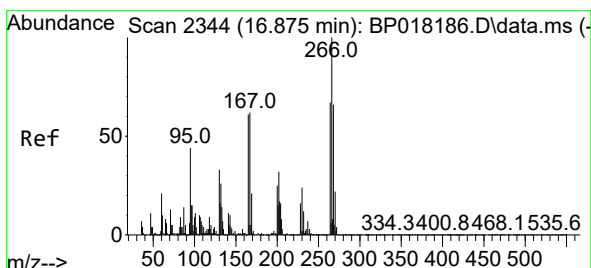
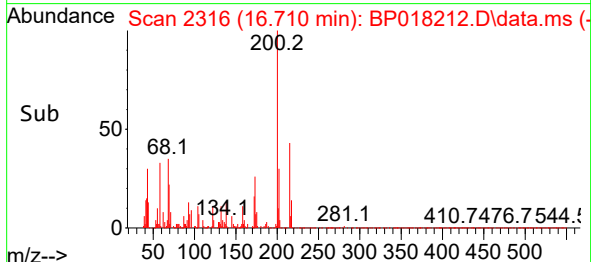
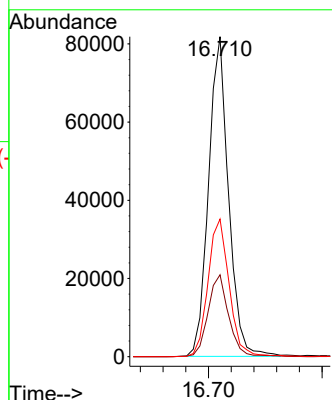
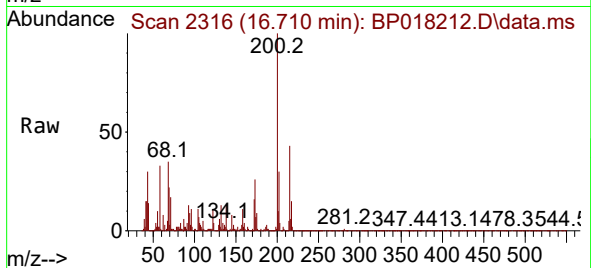
Tgt Ion:200 Resp: 99706

Ion Ratio Lower Upper

200 100

173 25.6 20.2 30.2

215 43.0 37.8 56.8



#71

Pentachlorophenol

Concen: 9.946 ng/ul

RT: 16.881 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

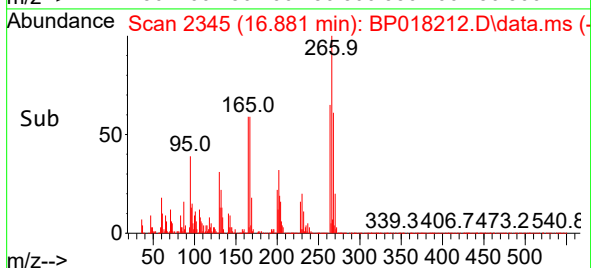
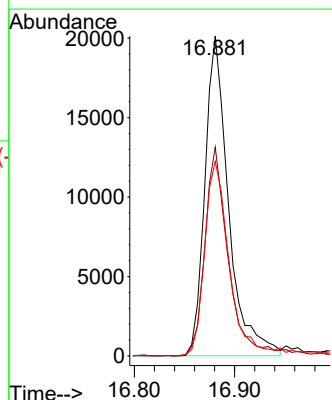
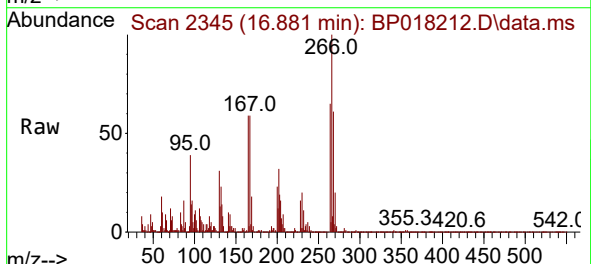
Tgt Ion:266 Resp: 33137

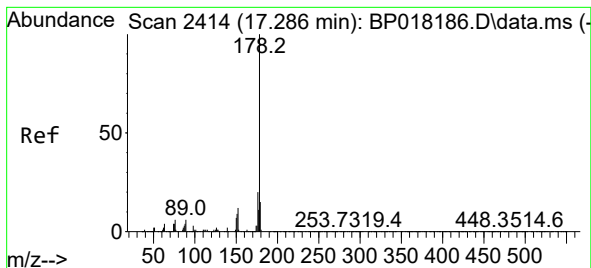
Ion Ratio Lower Upper

266 100

264 65.2 50.7 76.1

268 60.8 52.4 78.6





#72

Phenanthrene

Concen: 20.287 ng/ul

RT: 17.287 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

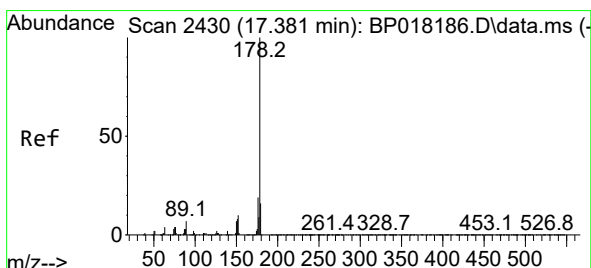
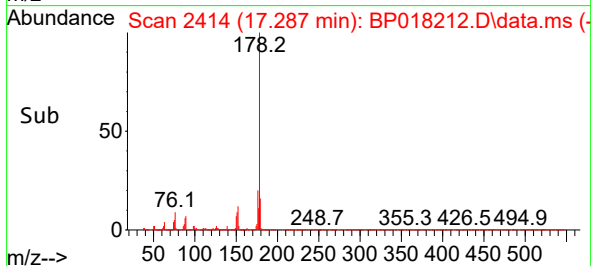
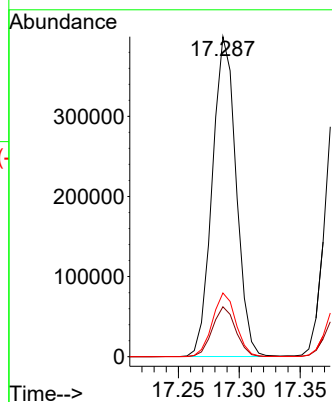
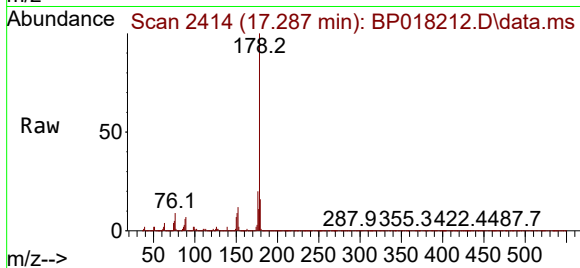
Tgt Ion:178 Resp: 543639

Ion Ratio Lower Upper

178 100

179 15.6 12.0 18.0

176 19.9 15.5 23.3



#74

Anthracene

Concen: 20.112 ng/ul

RT: 17.381 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

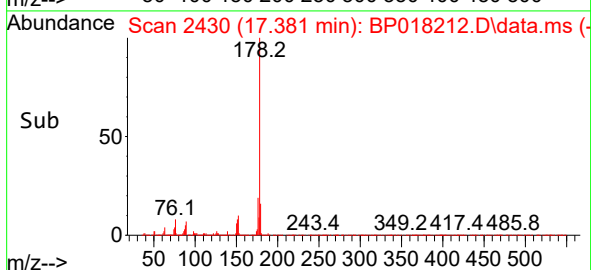
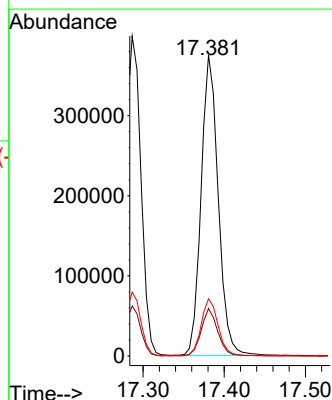
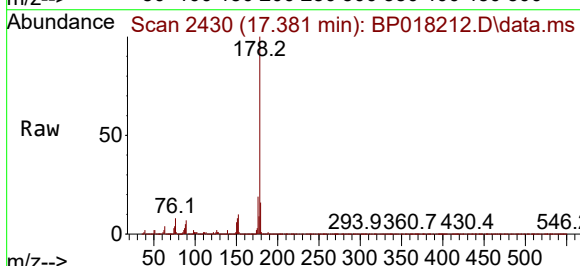
Tgt Ion:178 Resp: 550008

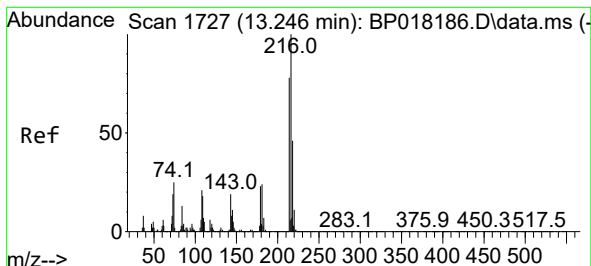
Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 19.0 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.060 ng/uL

RT: 13.240 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

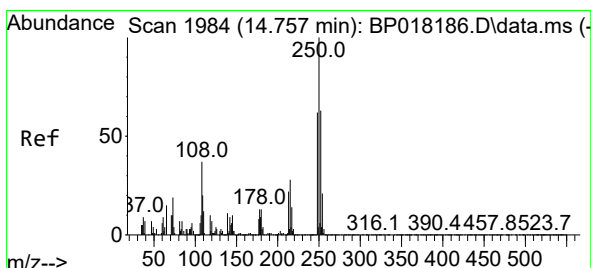
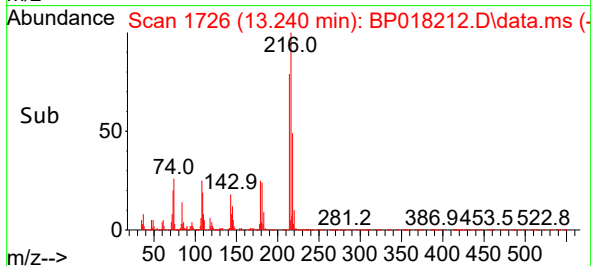
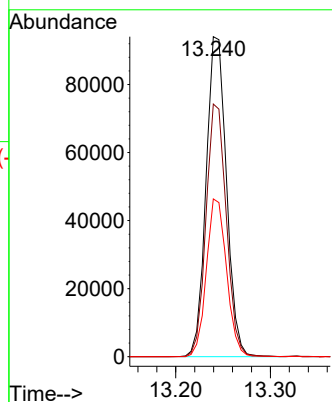
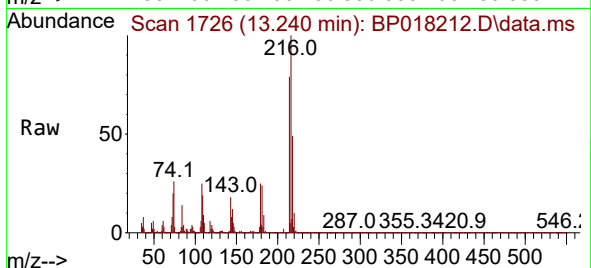
Tgt Ion:216 Resp: 140362

Ion Ratio Lower Upper

216 100

214 78.9 64.0 96.0

218 49.3 39.0 58.4



#76

Pentachlorobenzene

Concen: 19.751 ng/uL

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

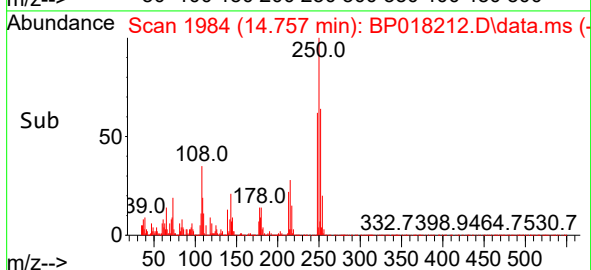
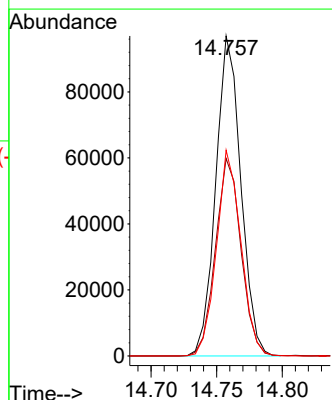
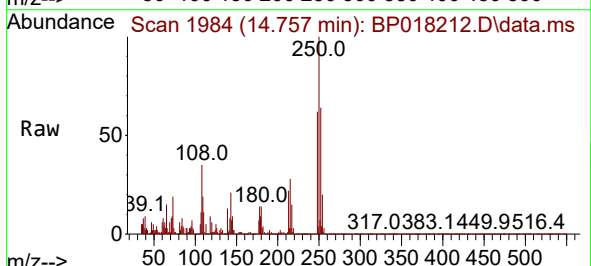
Tgt Ion:250 Resp: 128867

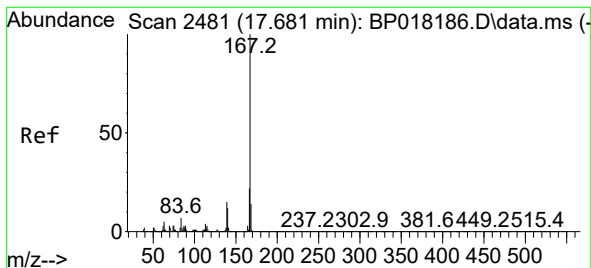
Ion Ratio Lower Upper

250 100

248 61.7 52.7 79.1

252 64.3 52.3 78.5





#77

Carbazole

Concen: 20.628 ng/ul

RT: 17.681 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

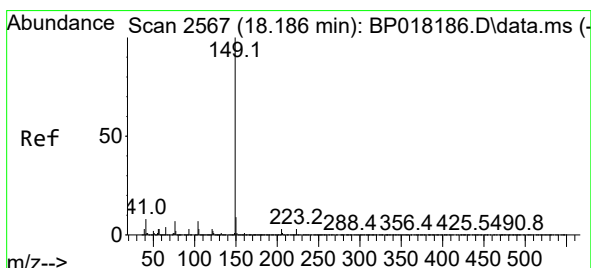
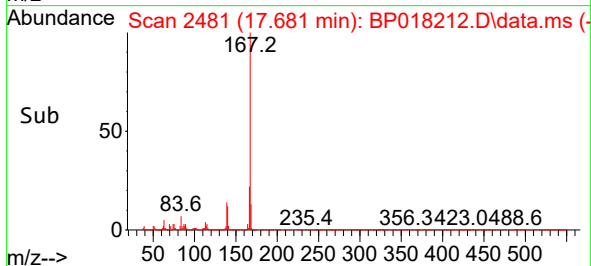
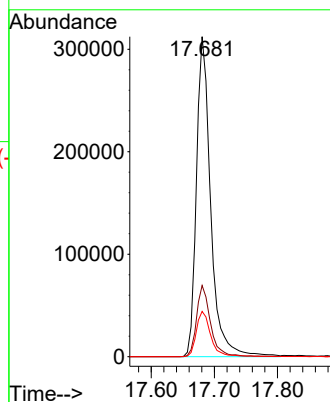
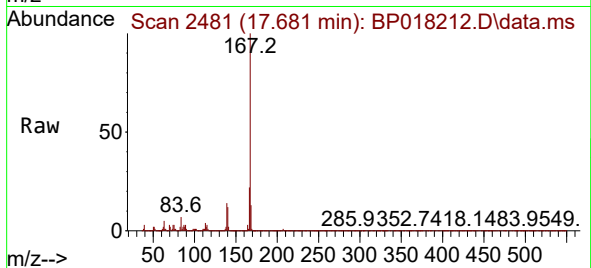
Tgt Ion:167 Resp: 489875

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

139 14.2 11.4 17.0



#78

Di-n-butylphthalate

Concen: 21.109 ng/ul

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

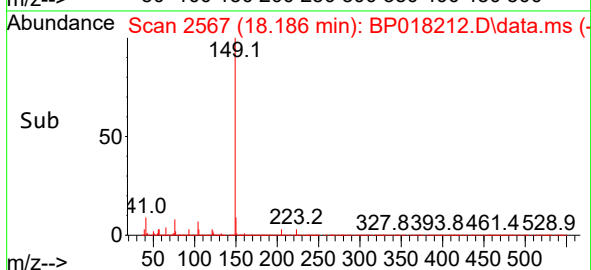
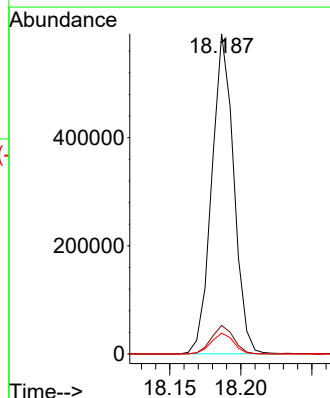
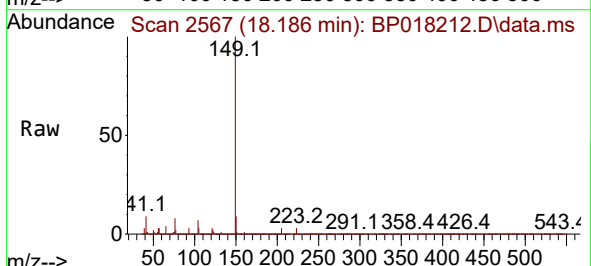
Tgt Ion:149 Resp: 636046

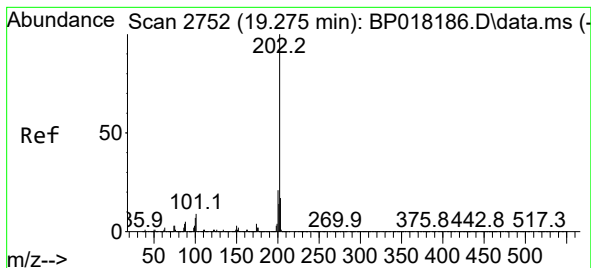
Ion Ratio Lower Upper

149 100

150 8.9 6.7 10.1

104 6.5 5.1 7.7





#80

Fluoranthene

Concen: 19.898 ng/ul

RT: 19.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

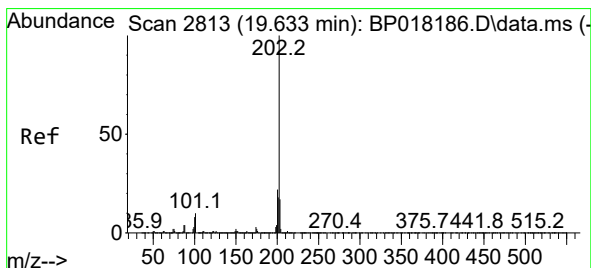
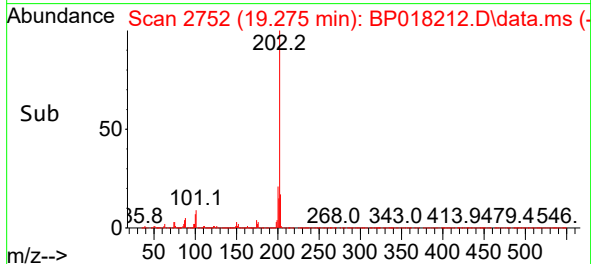
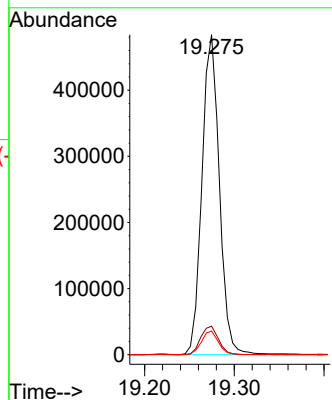
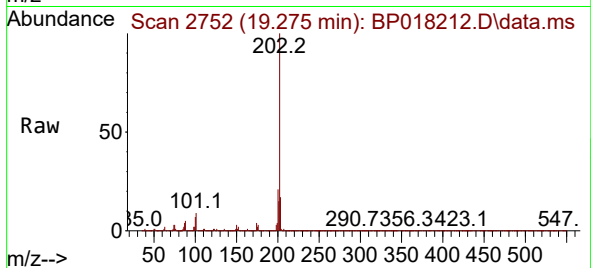
Tgt Ion:202 Resp: 650147

Ion Ratio Lower Upper

202 100

101 8.9 7.2 10.8

100 7.4 5.8 8.6



#82

Pyrene

Concen: 19.802 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

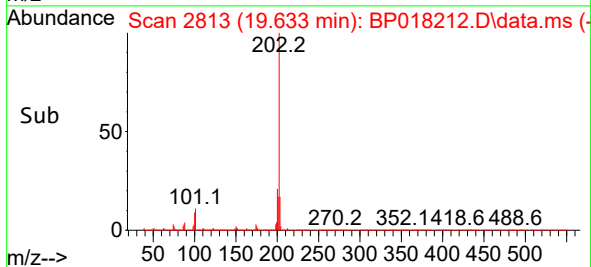
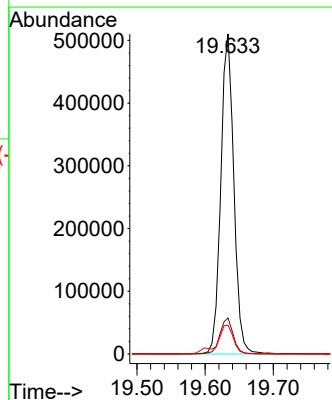
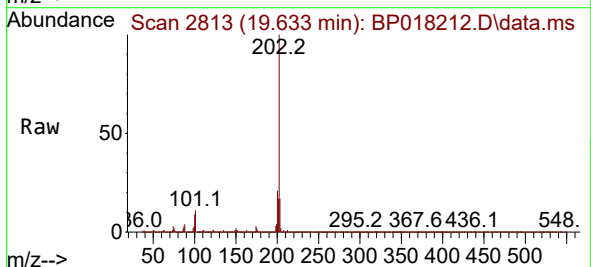
Tgt Ion:202 Resp: 677999

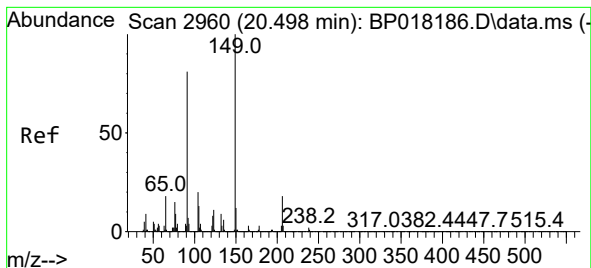
Ion Ratio Lower Upper

202 100

101 11.2 8.3 12.5

100 9.0 7.4 11.2





#83

Butylbenzylphthalate

Concen: 20.819 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

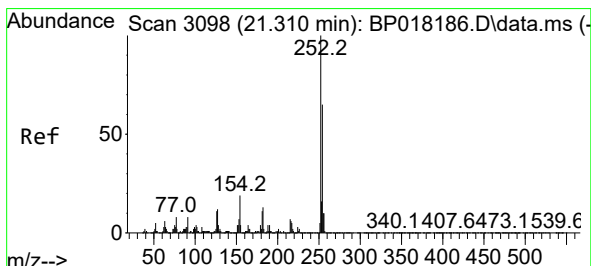
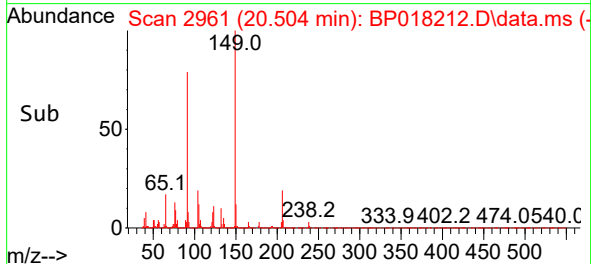
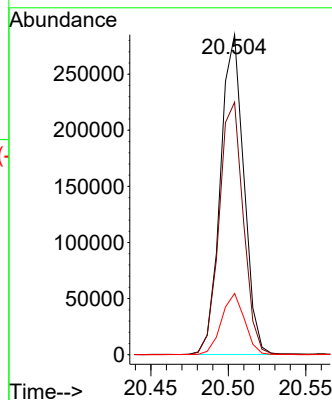
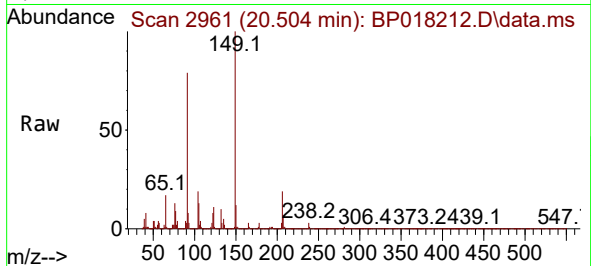
Tgt Ion:149 Resp: 299767

Ion Ratio Lower Upper

149 100

91 78.9 59.6 89.4

206 19.2 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 21.537 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

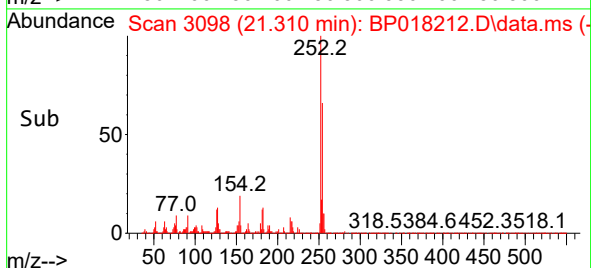
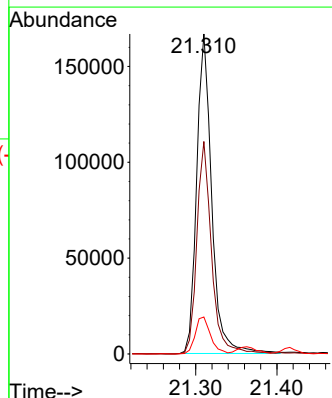
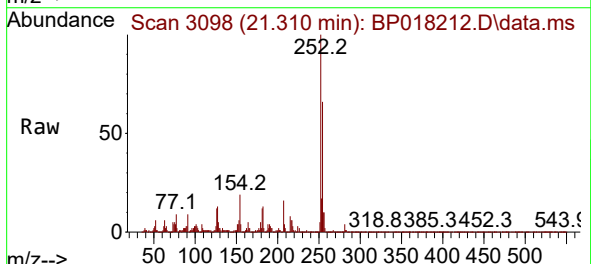
Tgt Ion:252 Resp: 215525

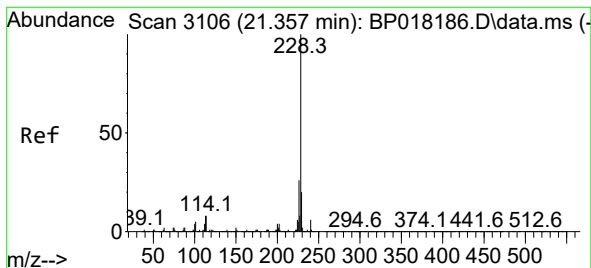
Ion Ratio Lower Upper

252 100

254 66.4 48.9 73.3

126 11.5 9.4 14.0





#85

Benzo(a)anthracene

Concen: 20.408 ng/ul

RT: 21.363 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

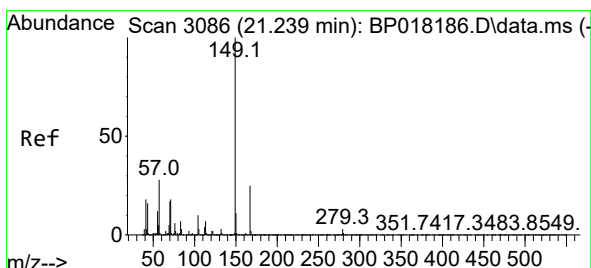
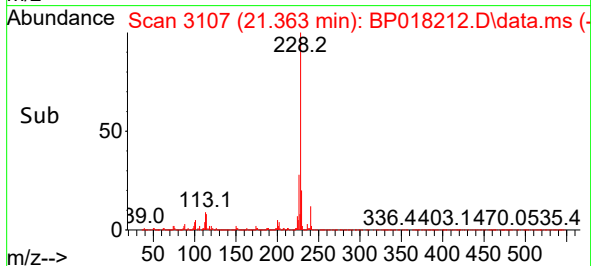
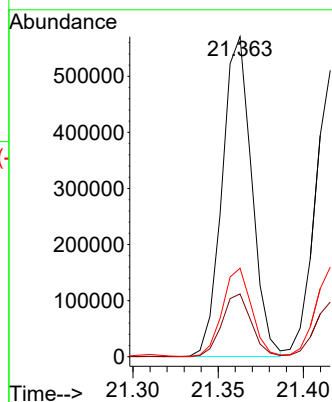
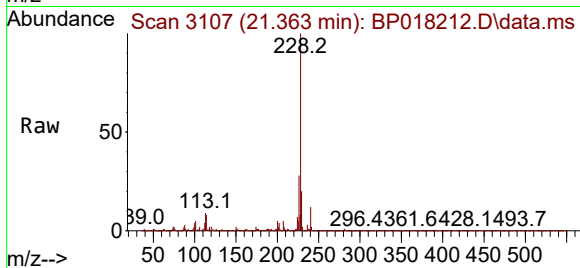
Tgt Ion:228 Resp: 690242

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.0

226 27.7 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.783 ng/ul

RT: 21.245 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

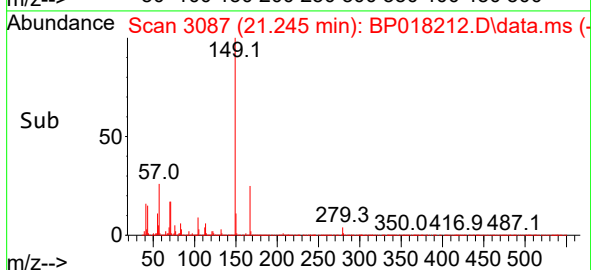
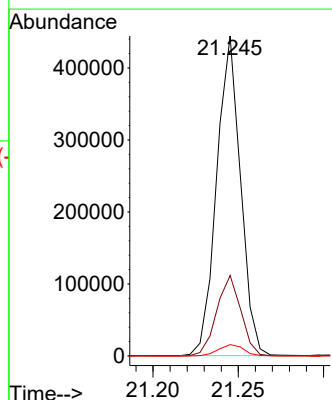
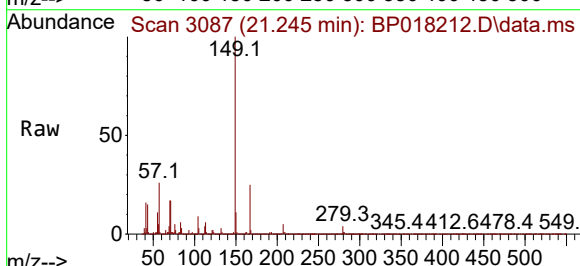
Tgt Ion:149 Resp: 432442

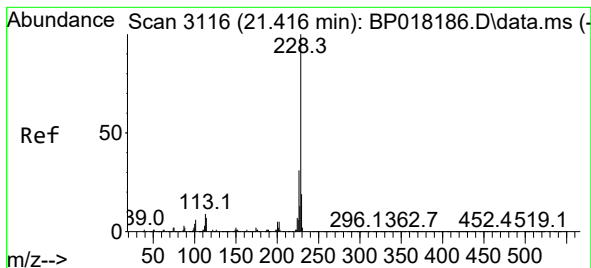
Ion Ratio Lower Upper

149 100

167 25.2 21.0 31.4

279 3.6 3.2 4.8





#87

Chrysene

Concen: 20.192 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

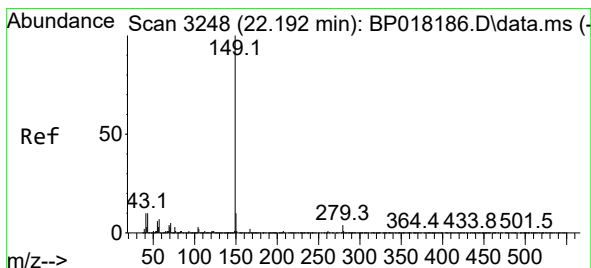
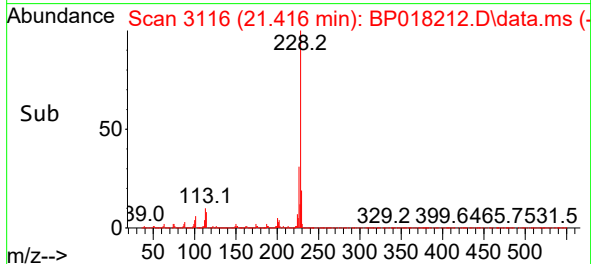
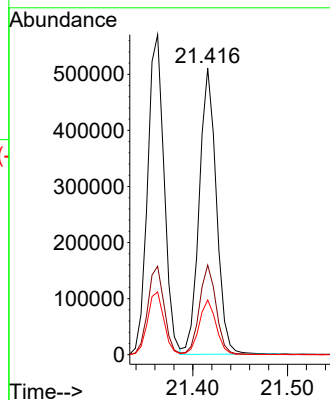
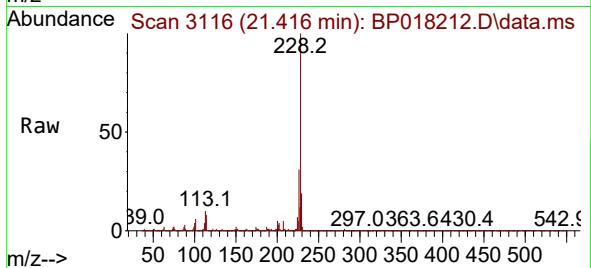
Tgt Ion:228 Resp: 638893

Ion Ratio Lower Upper

228 100

226 31.3 23.1 34.7

229 19.1 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 22.212 ng/ul

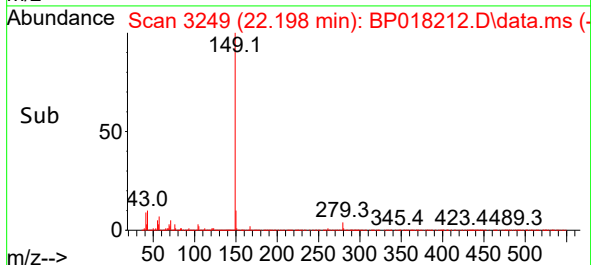
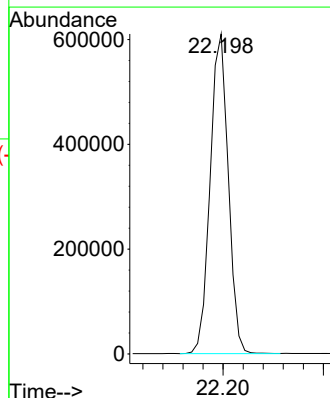
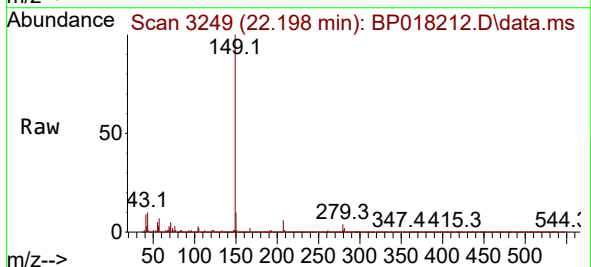
RT: 22.198 min Scan# 3249

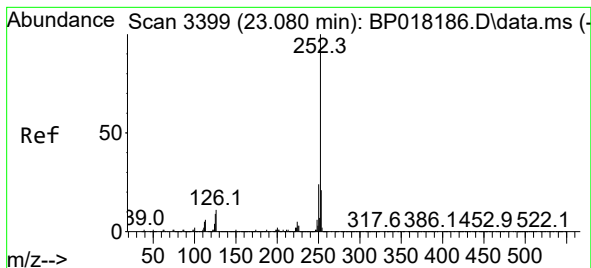
Delta R.T. 0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Tgt Ion:149 Resp: 764146





#90

Benzo(b)fluoranthene

Concen: 20.789 ng/ul

RT: 23.080 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

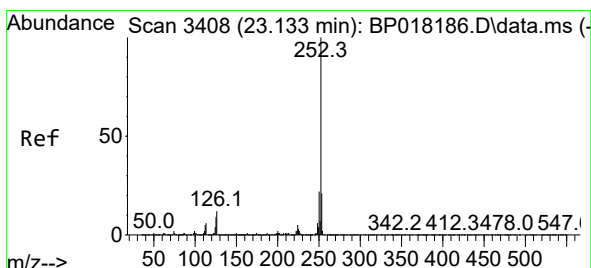
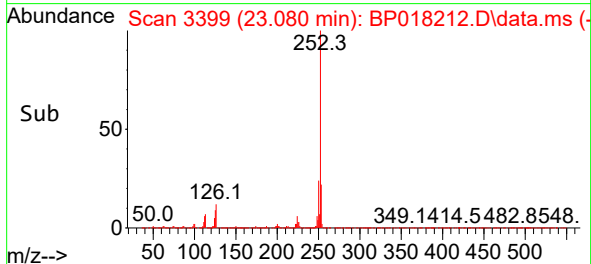
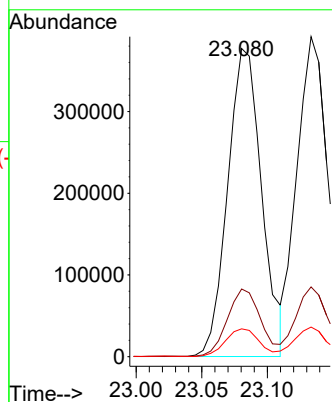
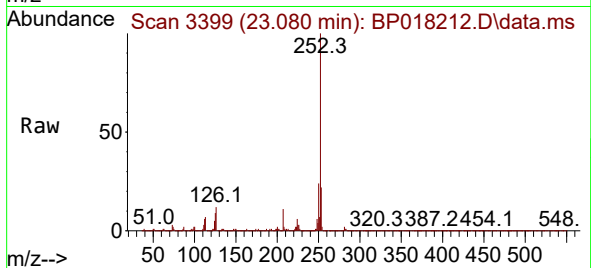
Tgt Ion:252 Resp: 680569

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.0 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 19.997 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

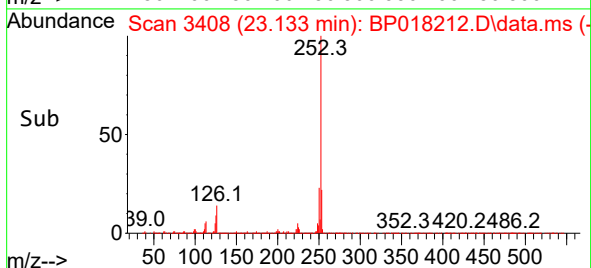
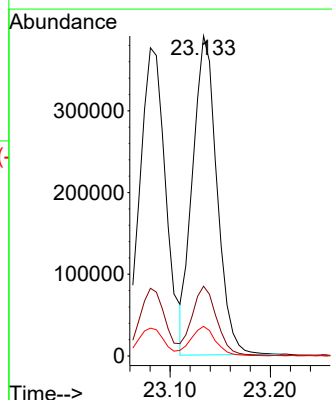
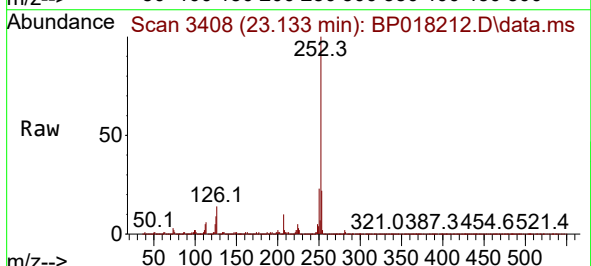
Tgt Ion:252 Resp: 658650

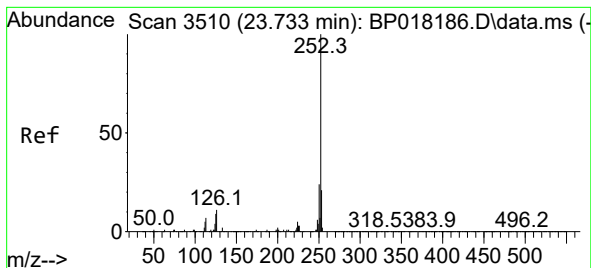
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.2 6.8 10.2





#93

Benzo(a)pyrene

Concen: 20.263 ng/ul

RT: 23.739 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

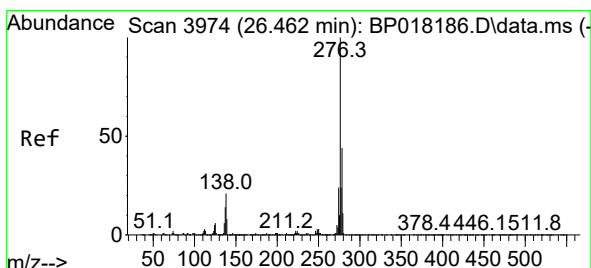
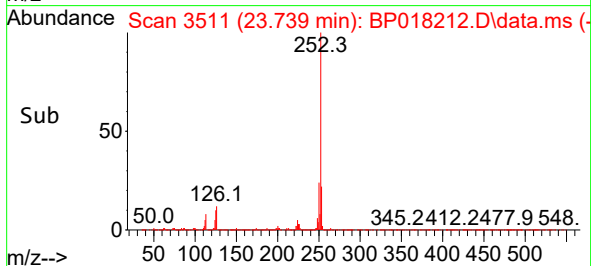
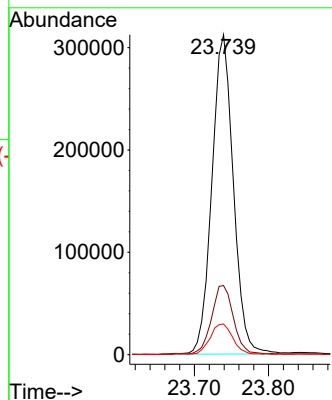
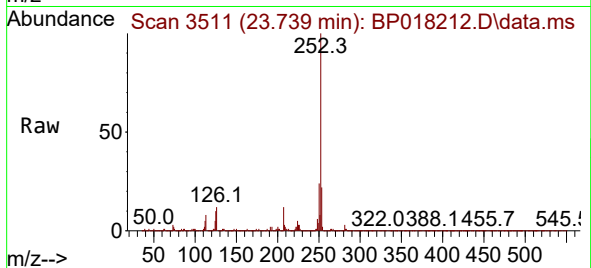
Tgt Ion:252 Resp: 626466

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.6 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.001 ng/ul

RT: 26.480 min Scan# 3977

Delta R.T. 0.018 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

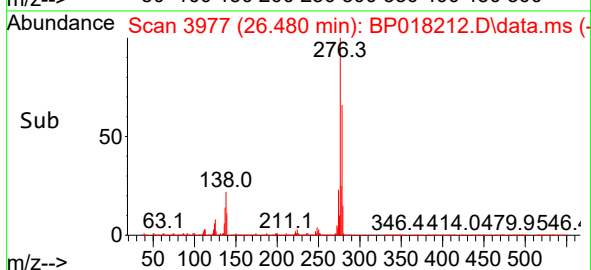
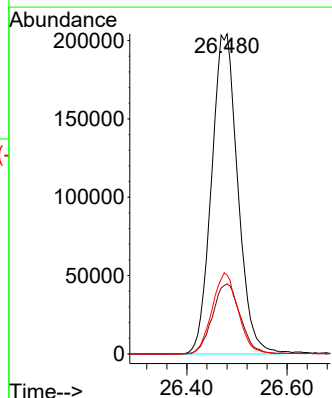
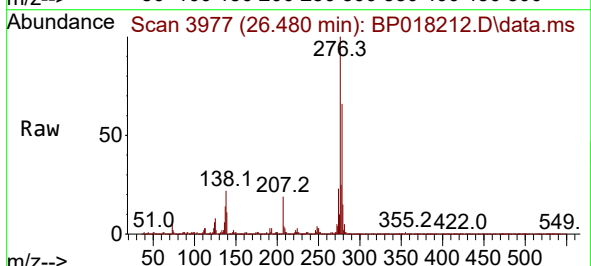
Tgt Ion:276 Resp: 741624

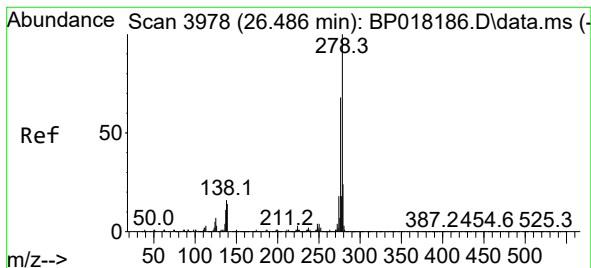
Ion Ratio Lower Upper

276 100

138 21.9 15.6 23.4

277 24.6 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 20.115 ng/ul

RT: 26.498 min Scan# 3978

Delta R.T. 0.006 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Instrument :

BNA_P

ClientSampleId :

SSTD020682

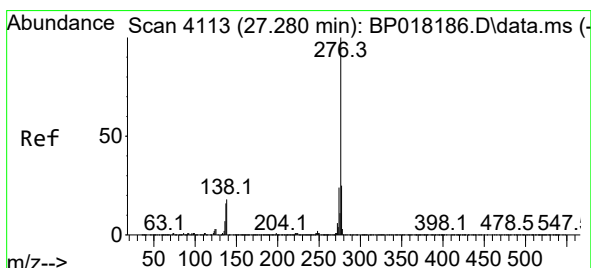
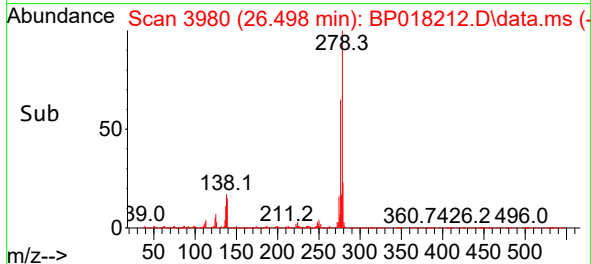
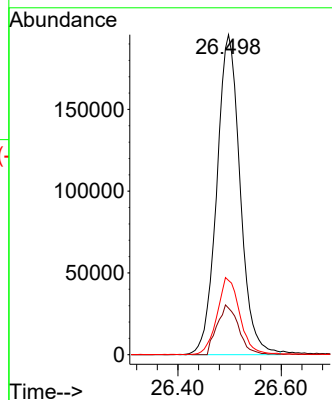
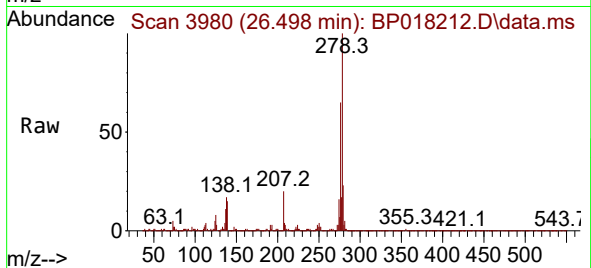
Tgt Ion:278 Resp: 614148

Ion Ratio Lower Upper

278 100

139 14.6 11.1 16.7

279 23.2 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 20.182 ng/ul

RT: 27.292 min Scan# 4115

Delta R.T. 0.012 min

Lab File: BP018212.D

Acq: 16 Nov 2023 14:41

Tgt Ion:276 Resp: 598565

Ion Ratio Lower Upper

276 100

138 18.9 13.8 20.6

277 24.5 20.2 30.2

