

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
 Data File : BP018205.D
 Acq On : 16 Nov 2023 10:02
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020681

Quant Time: Nov 16 21:37:43 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	73126	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	305914	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	195643	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	439048	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	418321	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	453508	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	17622	8.501	ng/uL	0.00
4) Pyridine-d5	3.587	84	110676	20.477	ng/u1	0.00
7) Phenol-d5	6.952	99	137806	19.520	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	89053	21.465	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	112039	20.040	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	108824	18.811	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	55240	20.043	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	61198	19.600	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	108087	19.422	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	148350	19.438	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	361932	20.050	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	393597	20.019	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	40401	14.978	ng/u1	0.00
60) Fluorene-d10	15.463	176	296649	19.905	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	55245	17.406	ng/u1	0.00
73) Anthracene-d10	17.345	188	469502	19.772	ng/u1	0.00
81) Pyrene-d10	19.604	212	564237	20.193	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	531415	20.152	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	19324	8.543	ng/uL	98
5) Pyridine	3.611	79	114501	20.526	ng/u1	99
6) Benzaldehyde	6.958	77	89131	23.443	ng/u1	99
8) Phenol	6.981	94	136909	19.658	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.228	93	112227	20.771	ng/u1	96
12) 2-Chlorophenol	7.334	128	112504	20.043	ng/u1	96
13) 2-Methylphenol	8.240	108	102816	19.539	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.293	45	76076	12.331	ng/u1	97
16) Acetophenone	8.640	105	180868	19.669	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.605	70	99838	19.886	ng/u1	97
18) 4-Methylphenol	8.575	108	110085	19.183	ng/u1	93
19) Hexachloroethane	8.828	117	54772	20.394	ng/u1	92
22) Nitrobenzene	9.034	77	152023	20.428	ng/u1	94
23) Isophorone	9.534	82	268625	19.781	ng/u1	100
25) 2-Nitrophenol	9.734	139	63919	19.921	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	132054	19.347	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	151424	20.448	ng/u1	100
29) 2,4-Dichlorophenol	10.257	162	107111	20.156	ng/u1	97
30) Naphthalene	10.652	128	370342	19.907	ng/u1	100
32) 4-Chloroaniline	10.804	127	144083	19.710	ng/u1	98
33) Hexachlorobutadiene	10.863	225	77979	19.988	ng/u1	98
34) Caprolactam	11.640	113	19549	11.073	ng/u1	93
35) 4-Chloro-3-methylphenol	11.922	107	121090	18.940	ng/u1	94
36) 2-Methylnaphthalene	12.269	142	255373	19.994	ng/u1	98

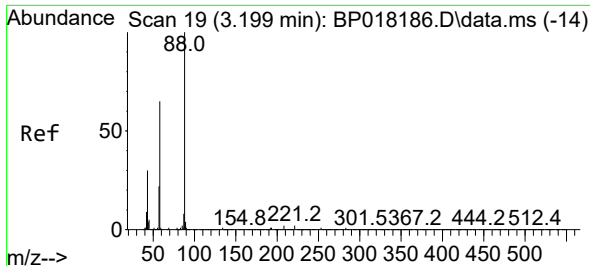
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	258837	19.721	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	133941	20.266	ng/ul	96
40) Hexachlorocyclopentadiene	12.557	237	49842	15.623	ng/ul	94
41) 2,4,6-Trichlorophenol	12.893	196	84477	19.484	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	88574	19.412	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	340278	20.454	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	267188	20.229	ng/ul	98
45) 2-Nitroaniline	13.598	65	90190	21.160	ng/ul	96
47) Dimethylphthalate	13.934	163	354867	20.040	ng/ul	98
48) 2,6-Dinitrotoluene	14.092	165	69016	19.609	ng/ul	99
50) Acenaphthylene	14.192	152	442848	19.950	ng/ul	100
52) Acenaphthene	14.528	153	294914	20.036	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	17237	8.977	ng/ul	96
55) 4-Nitrophenol	14.745	109	65454	18.280	ng/ul	86
56) Dibenzofuran	14.869	168	405037	20.080	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	105364	20.037	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.092	232	74523	18.359	ng/ul#	93
59) Diethylphthalate	15.292	149	380798	20.584	ng/ul	99
61) Fluorene	15.522	166	341390	19.935	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	165962	19.776	ng/ul	99
63) 4-Nitroaniline	15.616	138	63565	20.625	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.639	198	57217	17.373	ng/ul	91
67) N-Nitrosodiphenylamine	15.745	169	287357	20.408	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	96587	19.519	ng/ul	90
69) Hexachlorobenzene	16.498	284	105709	19.144	ng/ul	96
70) Atrazine	16.710	200	102997	20.970	ng/ul	96
71) Pentachlorophenol	16.881	266	29432	8.781	ng/ul	98
72) Phenanthrene	17.286	178	544861	20.212	ng/ul	100
74) Anthracene	17.381	178	556261	20.220	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	133669	19.937	ng/uL	97
76) Pentachlorobenzene	14.757	250	130758	19.922	ng/uL	98
77) Carbazole	17.681	167	491397	20.570	ng/ul	99
78) Di-n-butylphthalate	18.186	149	640043	21.116	ng/ul	100
80) Fluoranthene	19.275	202	651043	19.951	ng/ul	100
82) Pyrene	19.633	202	686987	20.090	ng/ul	100
83) Butylbenzylphthalate	20.504	149	303561	21.109	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.310	252	215147	21.527	ng/ul	97
85) Benzo(a)anthracene	21.357	228	684970	20.278	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	427599	21.567	ng/ul	99
87) Chrysene	21.416	228	634870	20.090	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	735238	21.678	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	649562	20.126	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	661891	20.383	ng/ul	98
93) Benzo(a)pyrene	23.733	252	610882	20.042	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.468	276	725827	19.855	ng/ul	98
95) Dibenzo(a,h)anthracene	26.498	278	590856	19.630	ng/ul	99
96) Benzo(g,h,i)perylene	27.286	276	579331	19.814	ng/ul	95

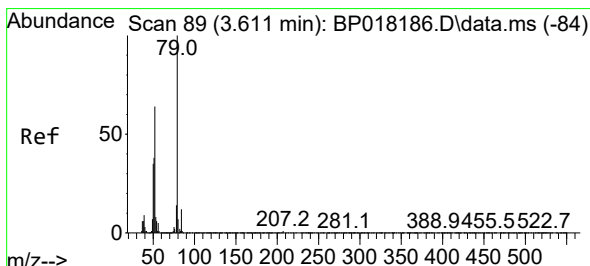
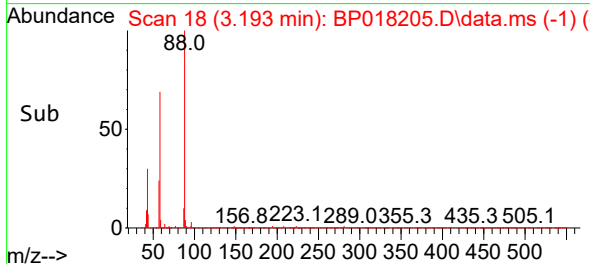
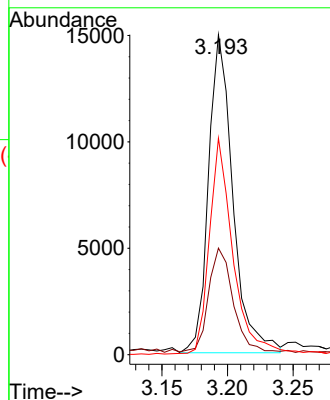
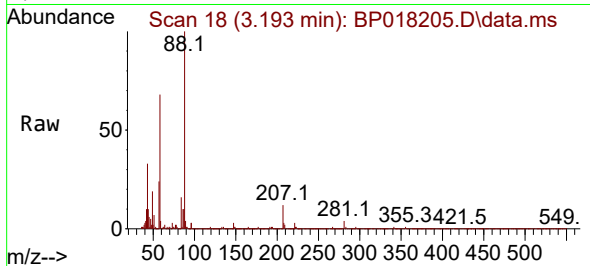
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#2
1,4-Dioxane
Concen: 8.543 ng/uL
RT: 3.193 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

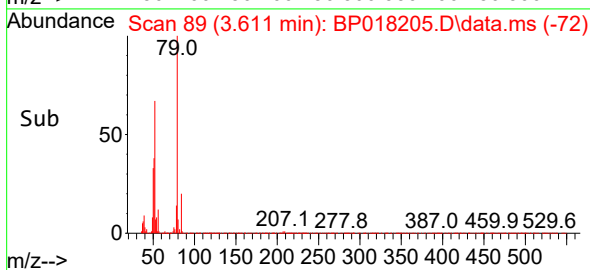
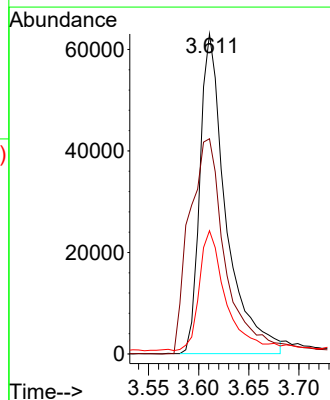
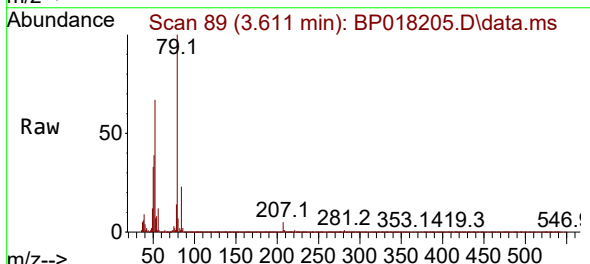
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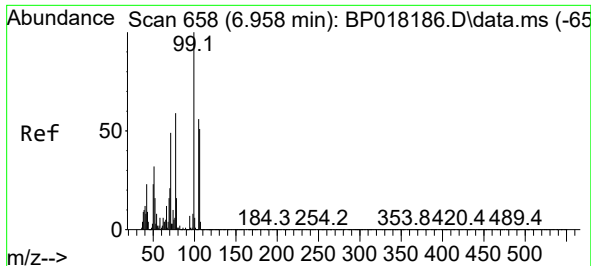
Tgt Ion: 88 Resp: 19324
Ion Ratio Lower Upper
88 100
43 33.3 25.4 38.2
58 67.7 53.3 79.9



#5
Pyridine
Concen: 20.526 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion: 79 Resp: 114501
Ion Ratio Lower Upper
79 100
52 67.3 53.9 80.9
51 38.5 32.2 48.2

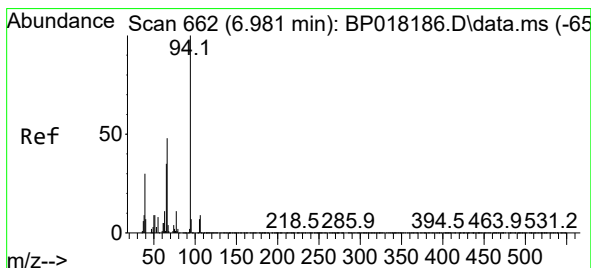
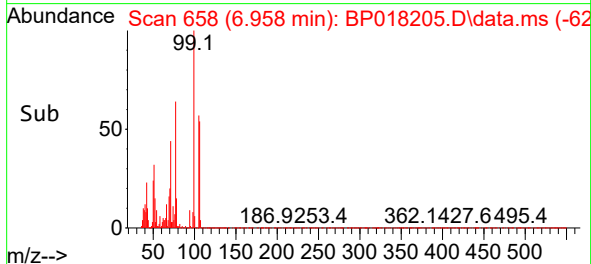
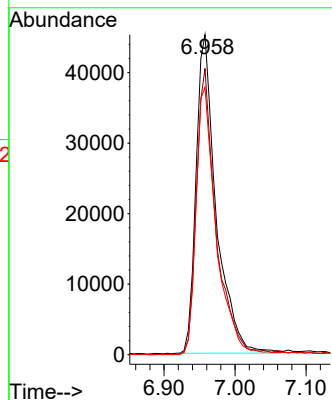
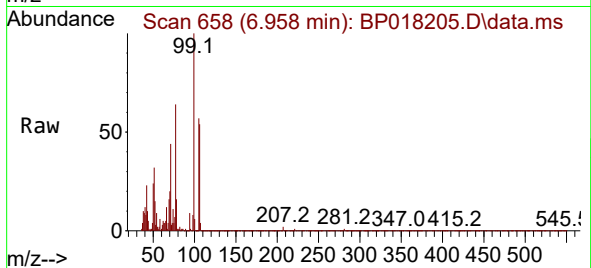




#6
Benzaldehyde
Concen: 23.443 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

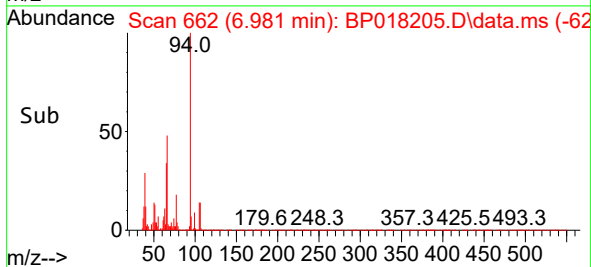
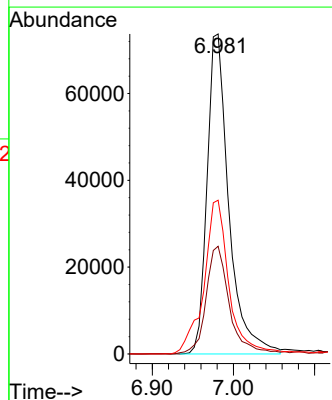
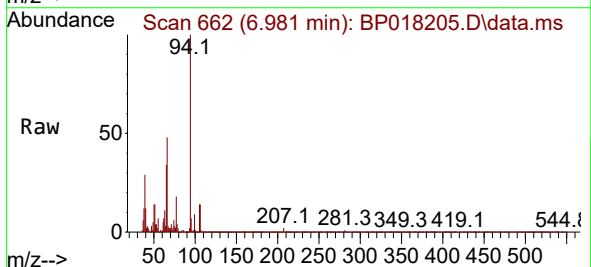
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ClientSampleId :
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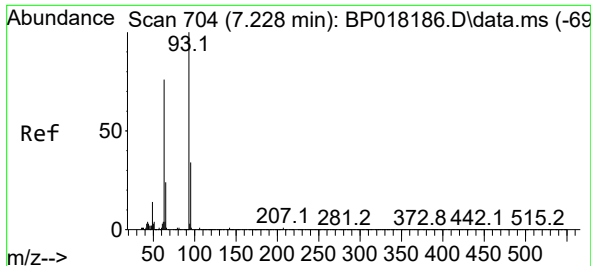
Tgt Ion: 77 Resp: 89131
Ion Ratio Lower Upper
77 100
105 89.4 72.7 109.1
106 83.5 67.5 101.3



#8
Phenol
Concen: 19.658 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion: 94 Resp: 136909
Ion Ratio Lower Upper
94 100
65 33.7 28.2 42.2
66 48.1 40.3 60.5

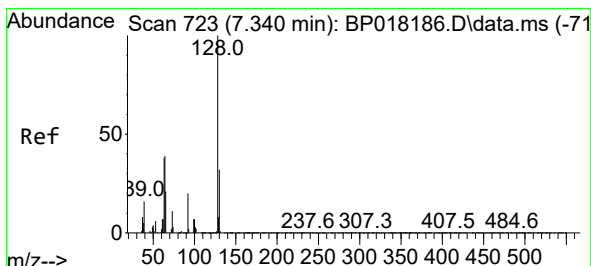
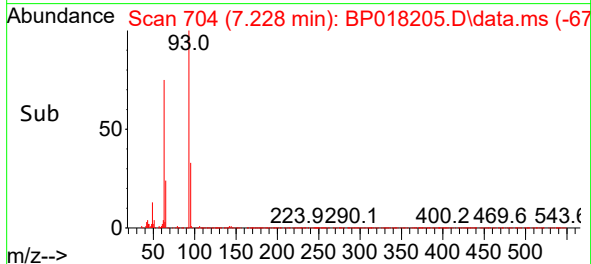
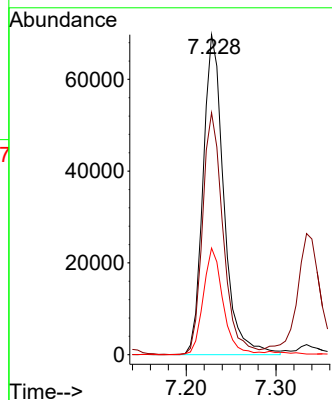
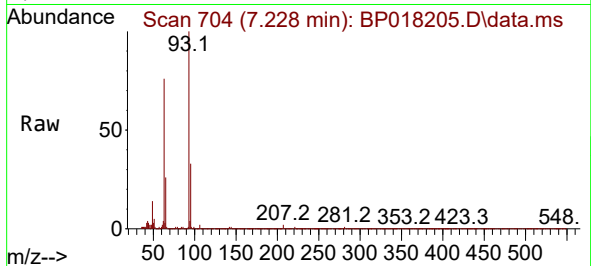




#10
Bis(2-Chloroethyl)ether
Concen: 20.771 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

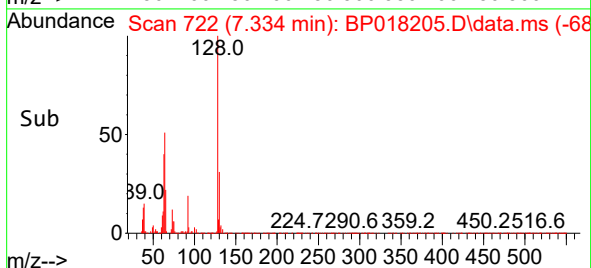
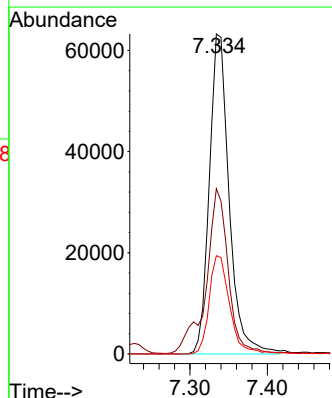
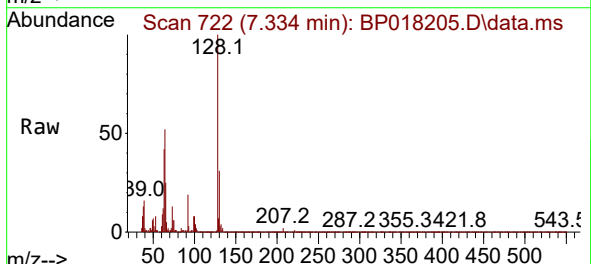
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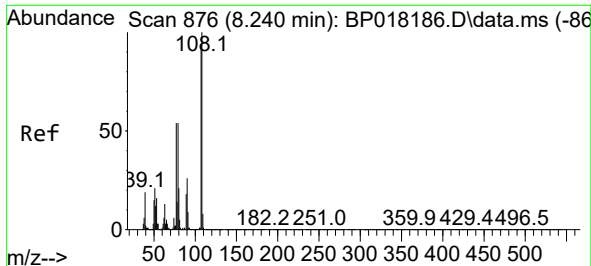
Tgt Ion: 93 Resp: 112227
Ion Ratio Lower Upper
93 100
63 75.6 57.8 86.6
95 33.3 25.5 38.3



#12
2-Chlorophenol
Concen: 20.043 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:128 Resp: 112504
Ion Ratio Lower Upper
128 100
64 51.6 39.2 58.8
130 30.7 26.6 40.0





#13

2-Methylphenol

Concen: 19.539 ng/ul

RT: 8.240 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

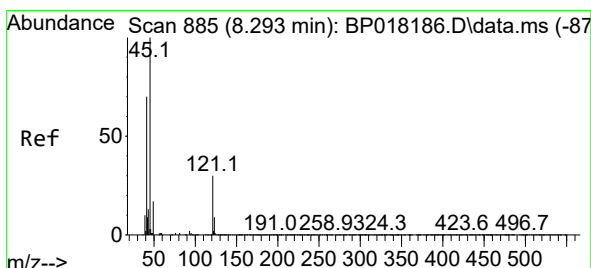
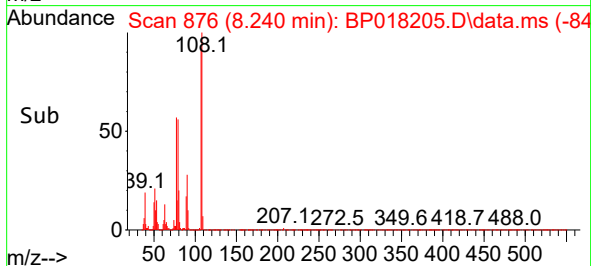
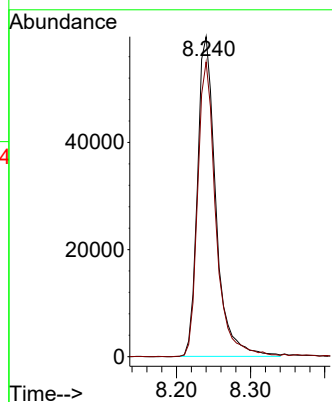
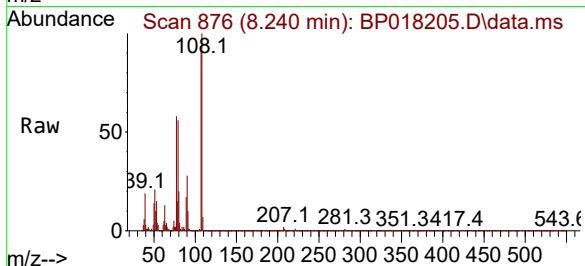
SSTD020681

Tgt Ion:108 Resp: 102816

Ion Ratio Lower Upper

108 100

107 92.1 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 12.331 ng/ul

RT: 8.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

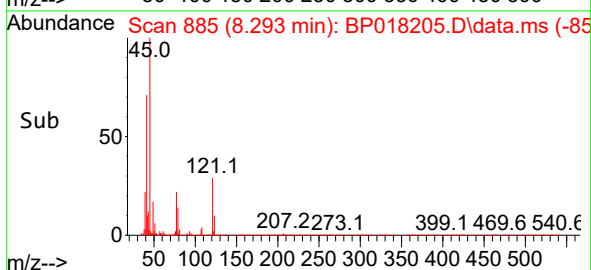
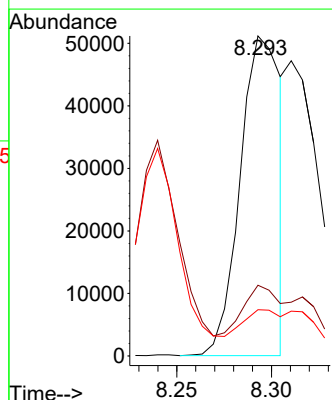
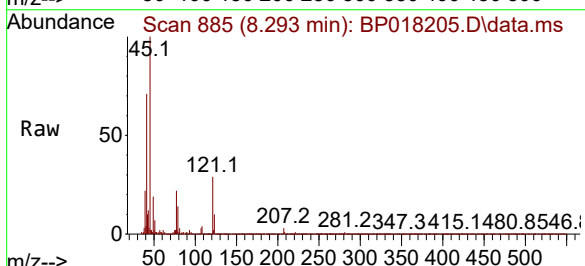
Tgt Ion: 45 Resp: 76076

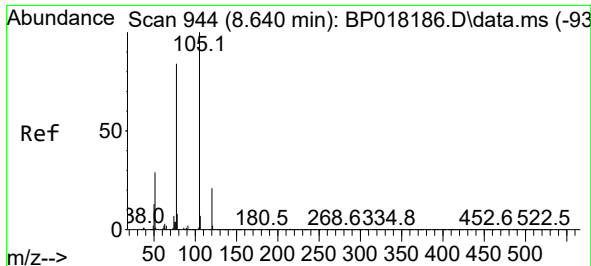
Ion Ratio Lower Upper

45 100

77 22.1 16.1 24.1

79 14.5 11.1 16.7

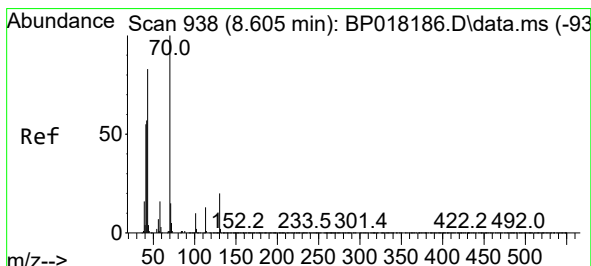
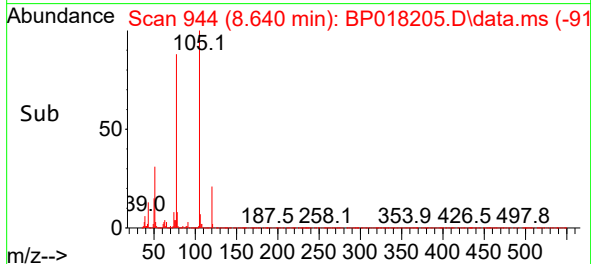
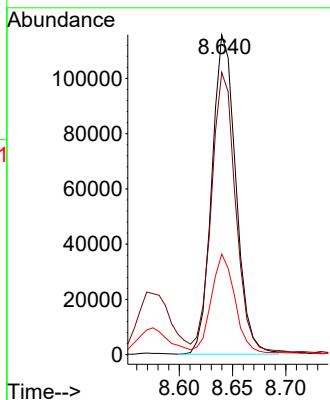
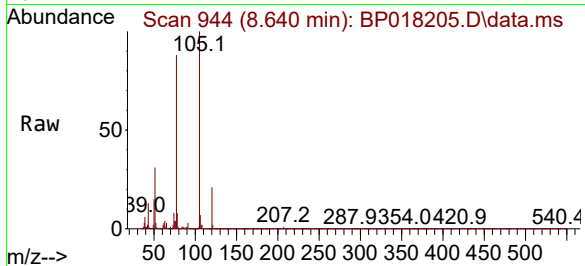




#16
Acetophenone
Concen: 19.669 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

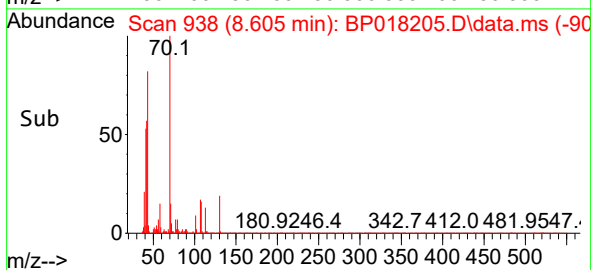
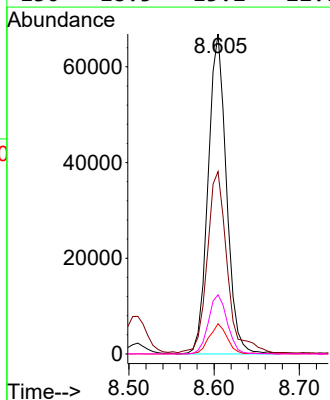
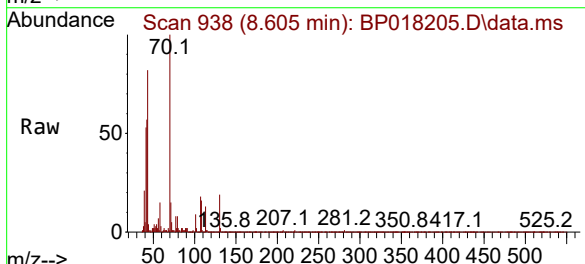
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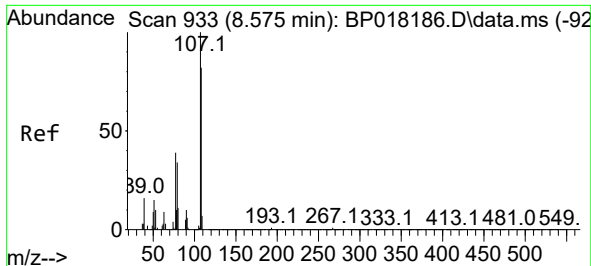
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Ion Ratio Lower Upper
105 100
77 88.2 70.1 105.1
51 31.4 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 19.886 ng/ul
RT: 8.605 min Scan# 938
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion: 70 Resp: 99838
Ion Ratio Lower Upper
70 100
42 57.0 43.7 65.5
101 9.5 8.2 12.4
130 18.5 15.2 22.8

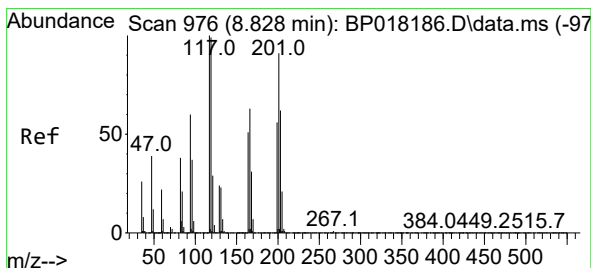
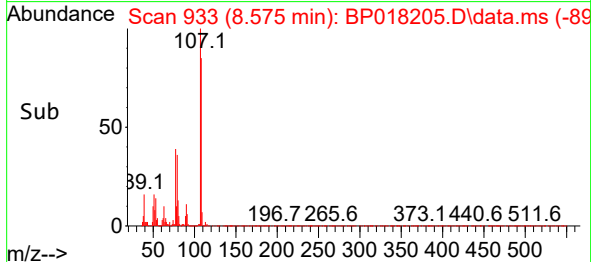
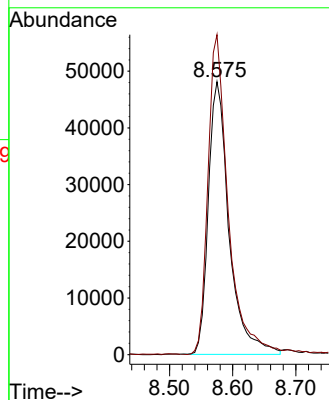
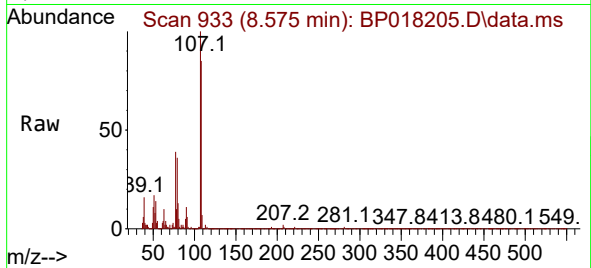




#18
4-Methylphenol
Concen: 19.183 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

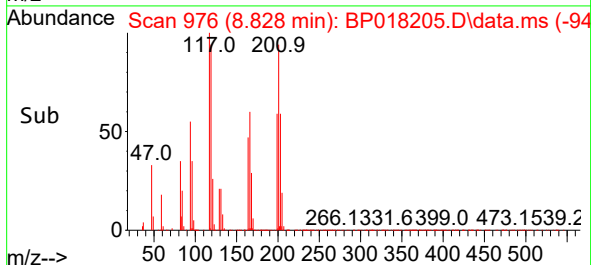
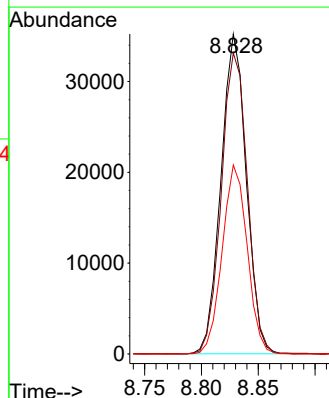
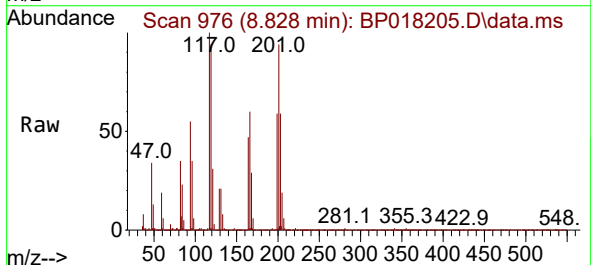
Instrument :
BNA_P
ClientSampleId :
SSTD020681

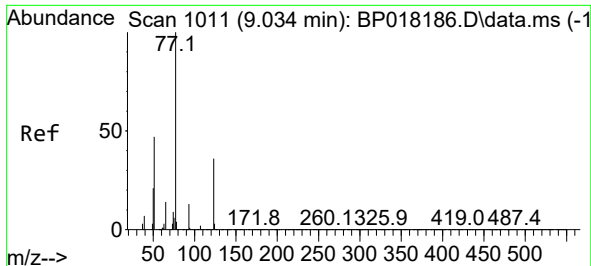
Tgt Ion:108 Resp: 110085
Ion Ratio Lower Upper
108 100
107 117.2 88.2 132.4



#19
Hexachloroethane
Concen: 20.394 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:117 Resp: 54772
Ion Ratio Lower Upper
117 100
201 94.1 84.8 127.2
199 59.1 49.0 73.4

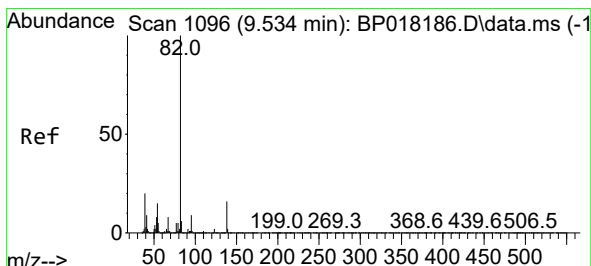
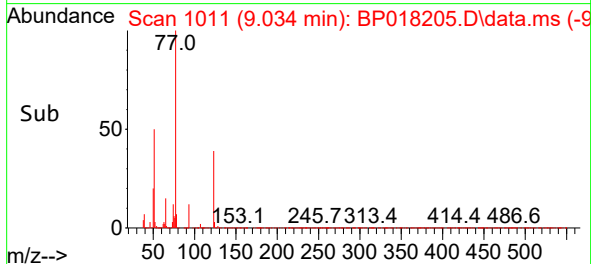
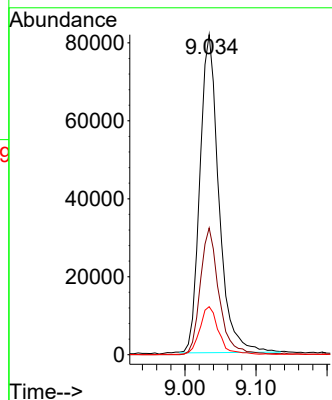
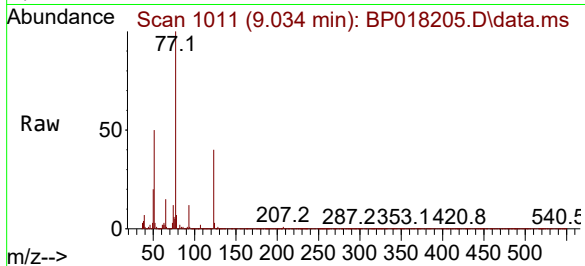




#22
Nitrobenzene
Concen: 20.428 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

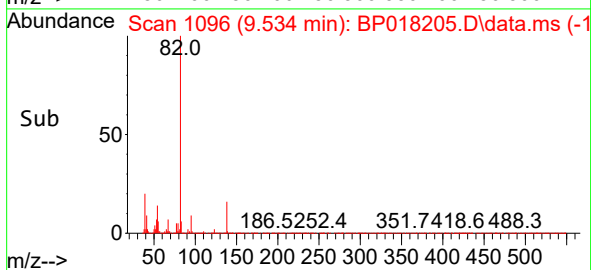
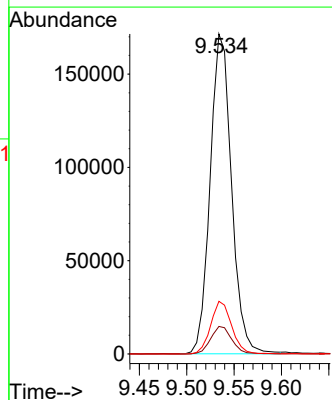
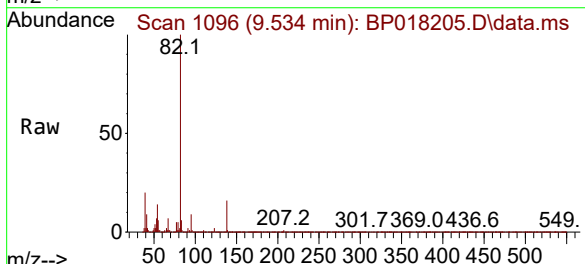
Instrument :
BNA_P
ClientSampleId :
SSTD020681

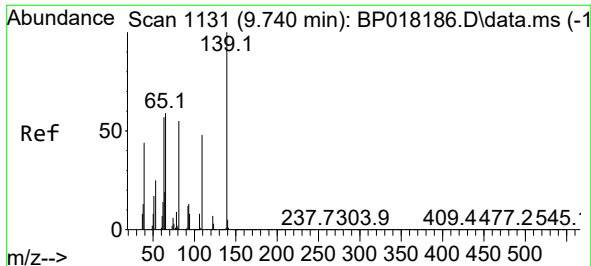
Tgt Ion: 77 Resp: 152023
Ion Ratio Lower Upper
77 100
123 39.6 27.8 41.8
65 15.0 11.5 17.3



#23
Isophorone
Concen: 19.781 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion: 82 Resp: 268625
Ion Ratio Lower Upper
82 100
95 8.6 6.6 9.8
138 16.4 13.1 19.7

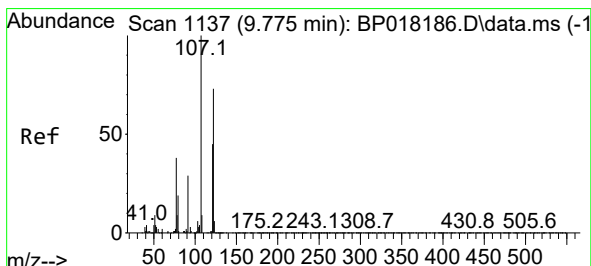
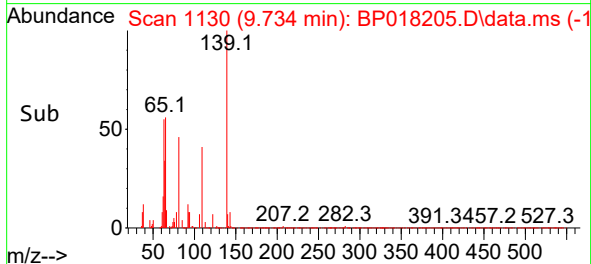
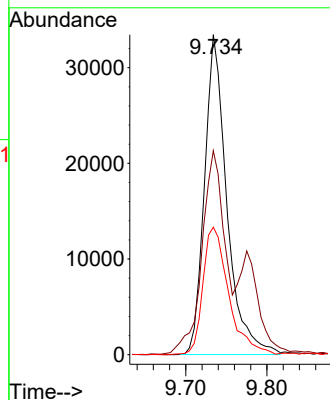
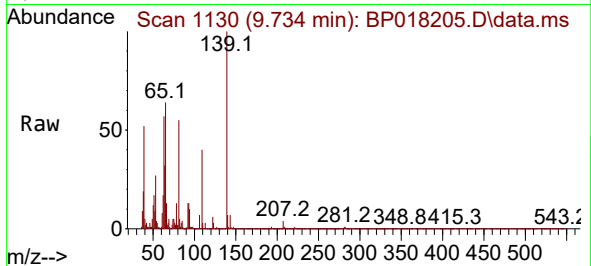




#25
2-Nitrophenol
Concen: 19.921 ng/ul
RT: 9.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

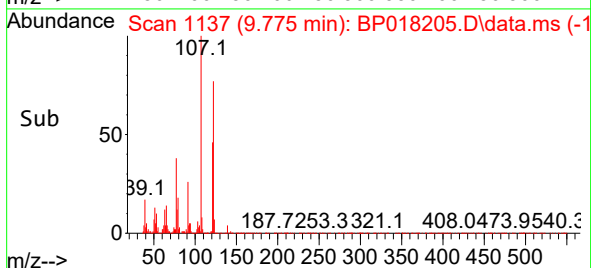
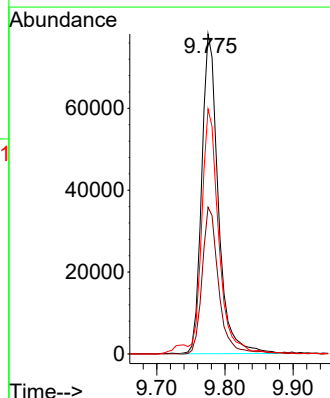
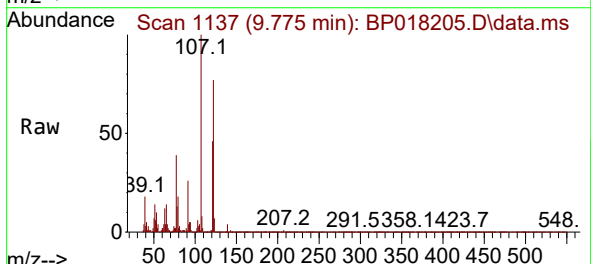
Instrument :
BNA_P
ClientSampleId :
SSTD020681

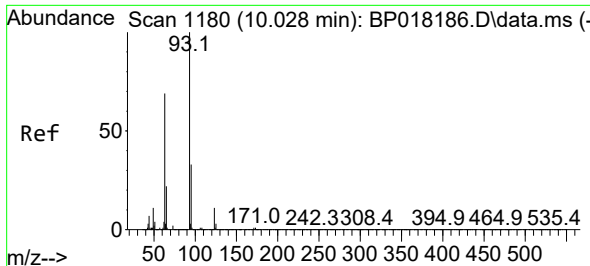
Tgt Ion:139 Resp: 63919
Ion Ratio Lower Upper
139 100
65 63.7 51.4 77.0
109 39.9 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 19.347 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:107 Resp: 132054
Ion Ratio Lower Upper
107 100
121 45.9 37.8 56.8
122 76.5 62.1 93.1

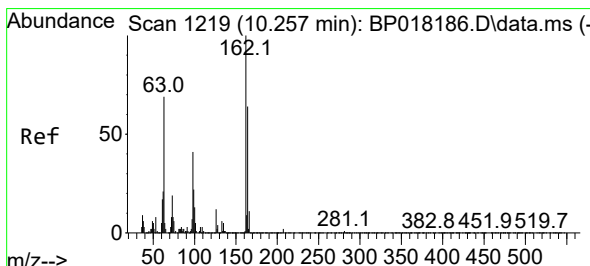
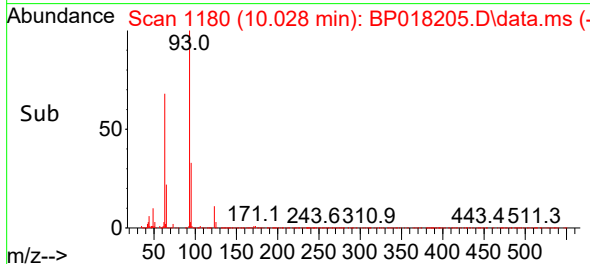
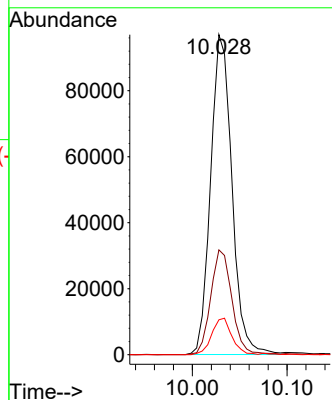
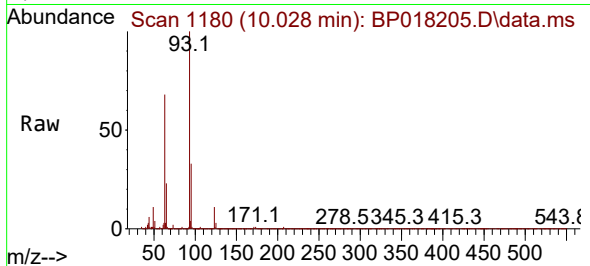




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.448 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BP018205.D
 Acq: 16 Nov 2023 10:02

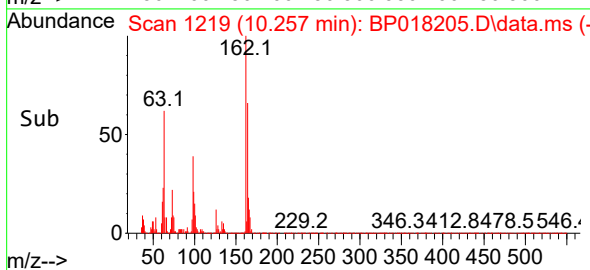
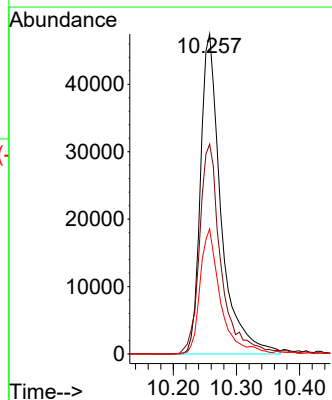
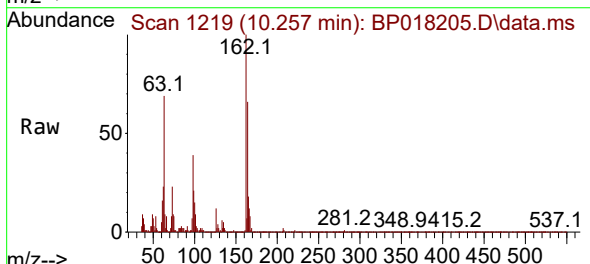
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020681

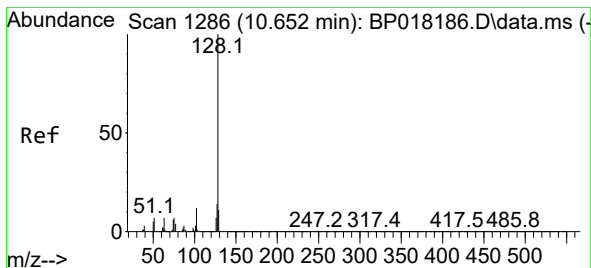
Tgt Ion: 93 Resp: 151424
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.2
 123 10.9 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 20.156 ng/ul
 RT: 10.257 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BP018205.D
 Acq: 16 Nov 2023 10:02

Tgt Ion:162 Resp: 107111
 Ion Ratio Lower Upper
 162 100
 164 65.5 51.8 77.6
 98 39.0 28.7 43.1

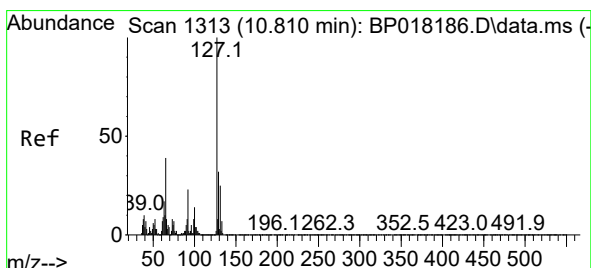
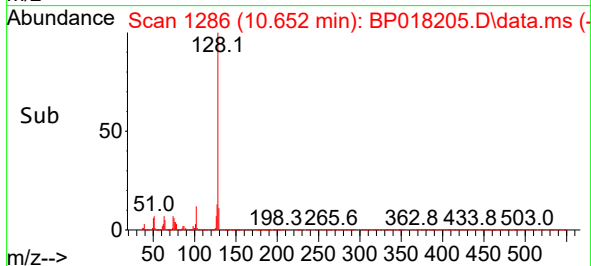
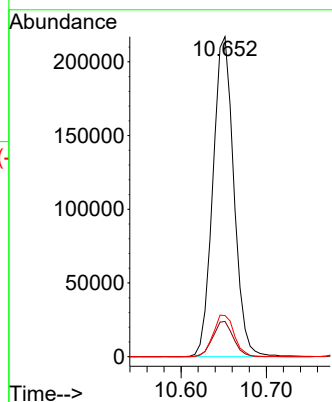
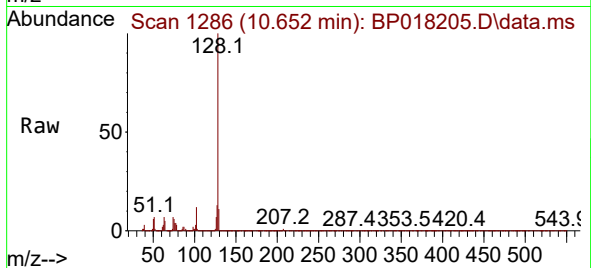




#30
Naphthalene
Concen: 19.907 ng/ul
RT: 10.652 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

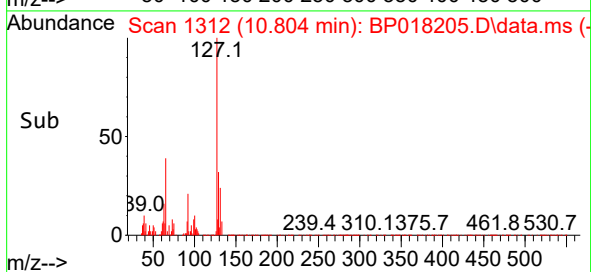
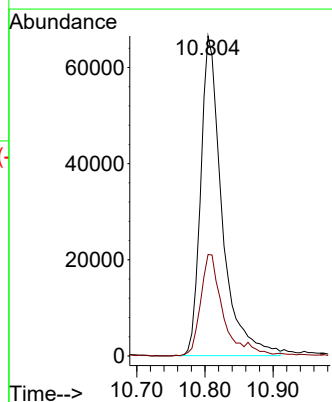
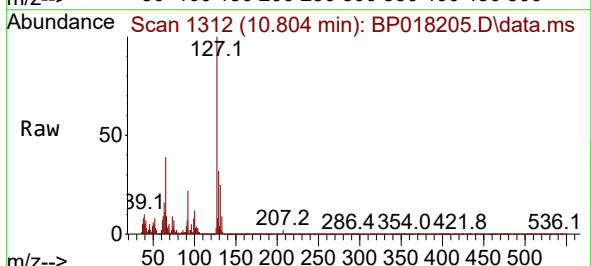
Instrument :
BNA_P
ClientSampleId :
SSTD020681

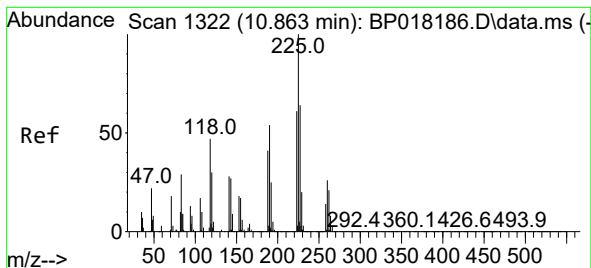
Tgt Ion:128 Resp: 370342
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.9 10.3 15.5



#32
4-Chloroaniline
Concen: 19.710 ng/ul
RT: 10.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:127 Resp: 144083
Ion Ratio Lower Upper
127 100
129 31.7 26.1 39.1





#33

Hexachlorobutadiene

Concen: 19.988 ng/ul

RT: 10.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

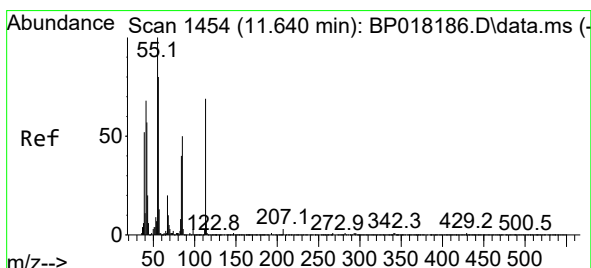
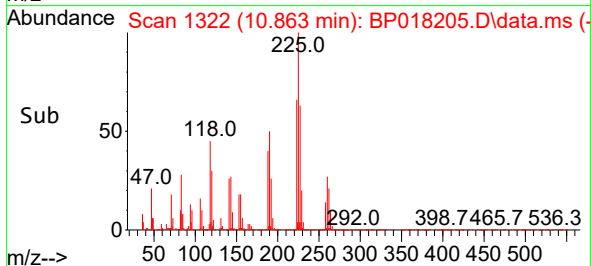
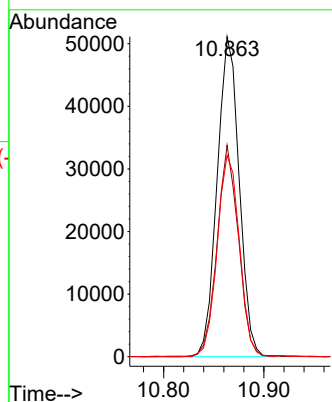
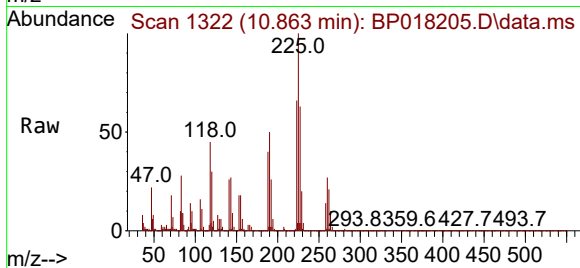
Tgt Ion:225 Resp: 77979

Ion Ratio Lower Upper

225 100

223 66.0 52.5 78.7

227 62.9 51.9 77.9



#34

Caprolactam

Concen: 11.073 ng/ul

RT: 11.640 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

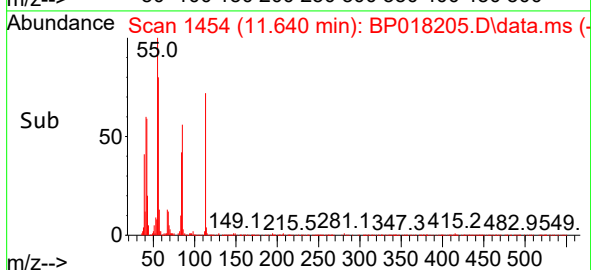
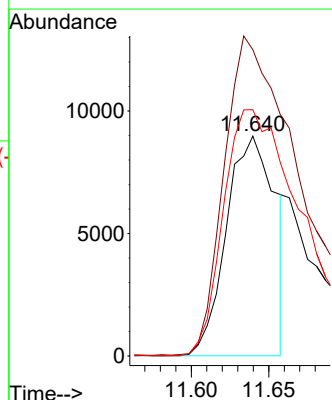
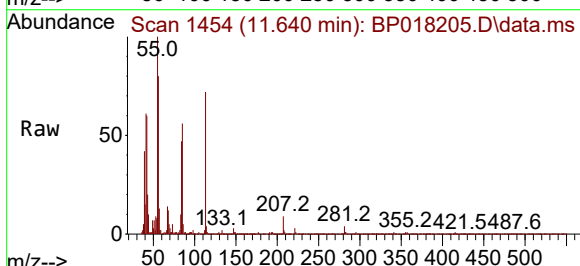
Tgt Ion:113 Resp: 19549

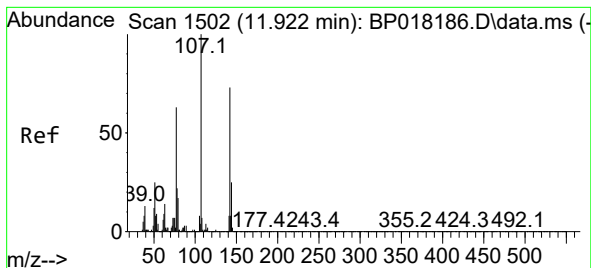
Ion Ratio Lower Upper

113 100

55 139.3 118.3 177.5

56 112.0 95.6 143.4

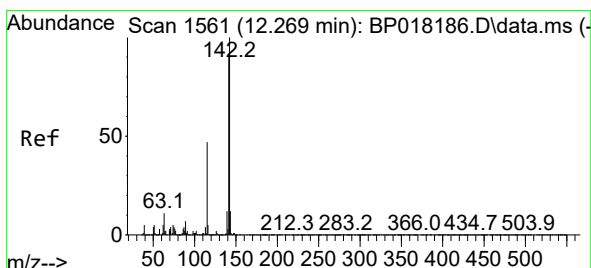
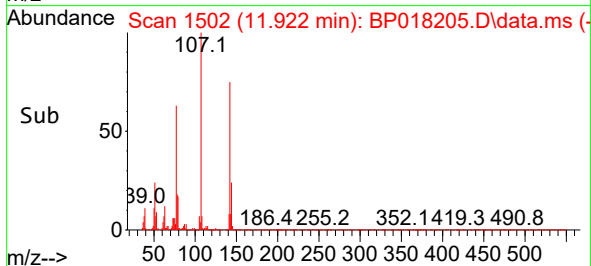
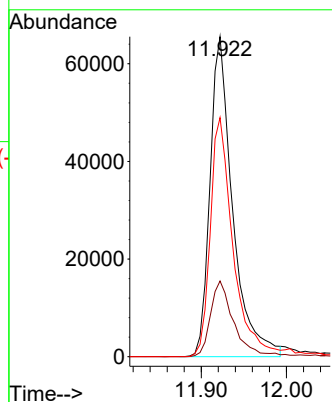
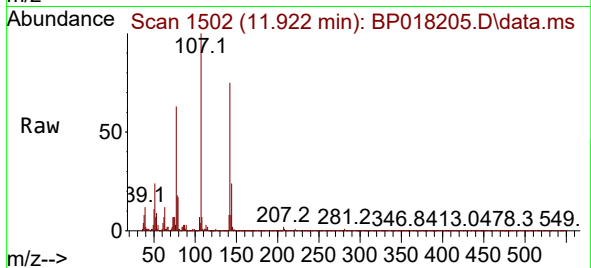




#35
4-Chloro-3-methylphenol
Concen: 18.940 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

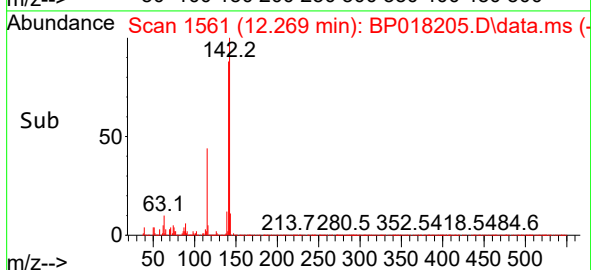
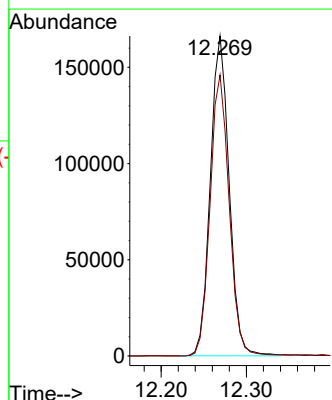
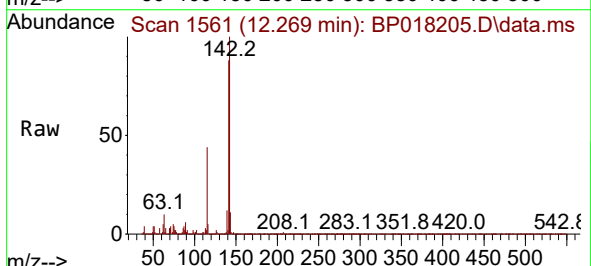
Instrument :
BNA_P
ClientSampleId :
SSTD020681

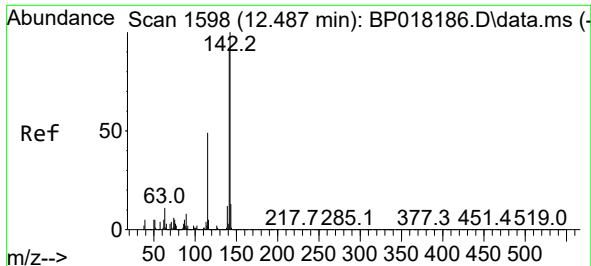
Tgt Ion:107 Resp: 121090
Ion Ratio Lower Upper
107 100
144 23.7 19.1 28.7
142 74.7 54.8 82.2



#36
2-Methylnaphthalene
Concen: 19.994 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:142 Resp: 255373
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5

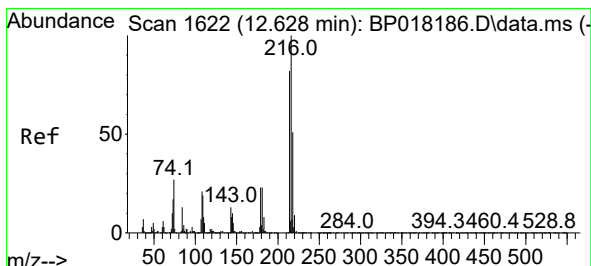
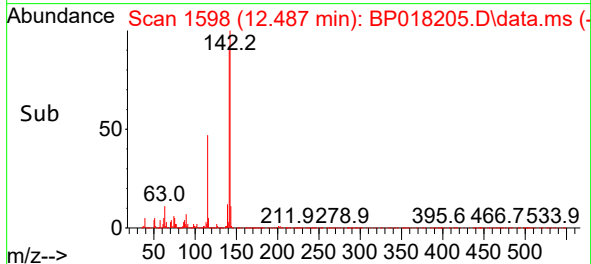
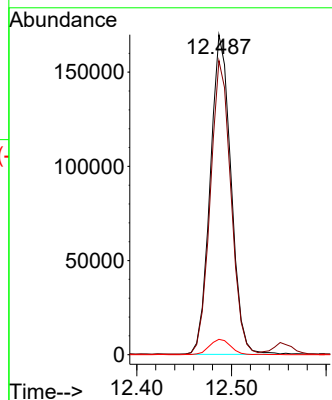
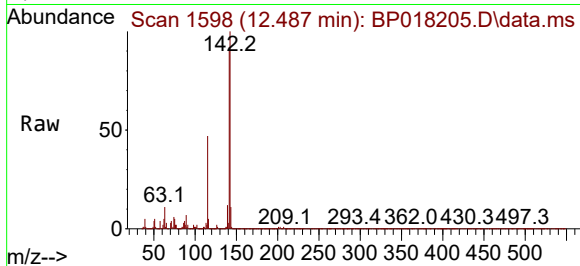




#37
1-Methylnaphthalene
Concen: 19.721 ng/ul
RT: 12.487 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

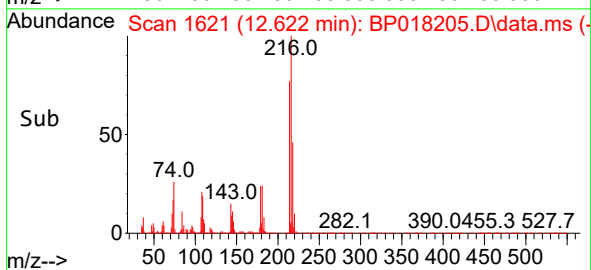
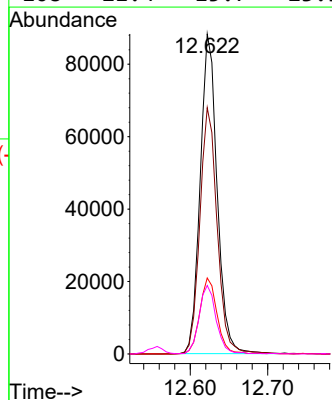
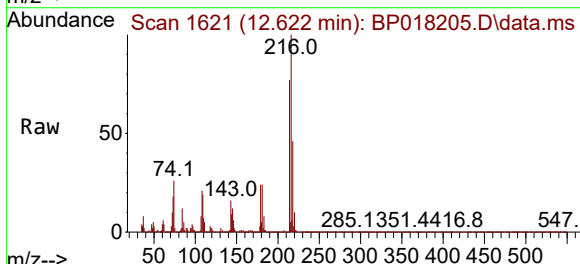
Instrument :
BNA_P
ClientSampleId :
SSTD020681

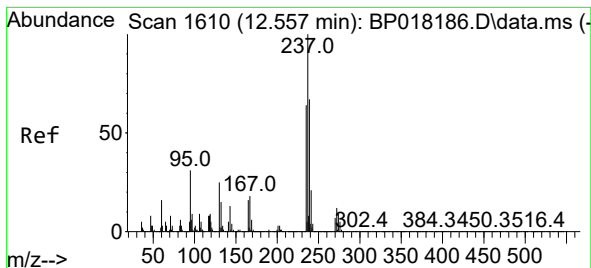
Tgt Ion:142 Resp: 258837
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2
116 4.8 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.266 ng/ul
RT: 12.622 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:216 Resp: 133941
Ion Ratio Lower Upper
216 100
214 76.9 64.8 97.2
179 23.8 18.3 27.5
108 21.4 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 15.623 ng/ul

RT: 12.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

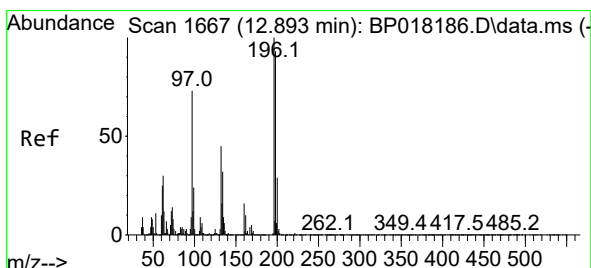
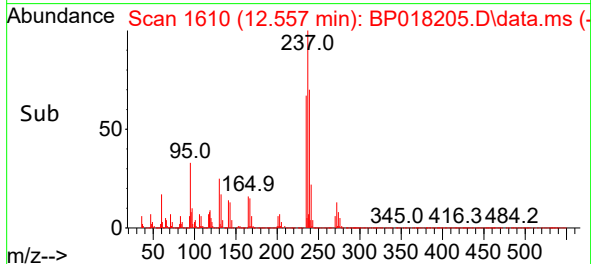
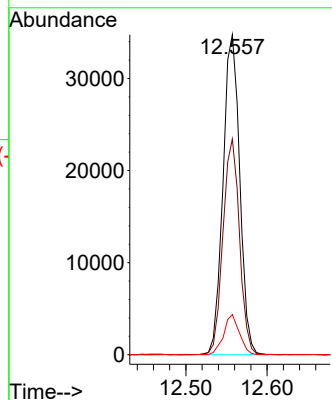
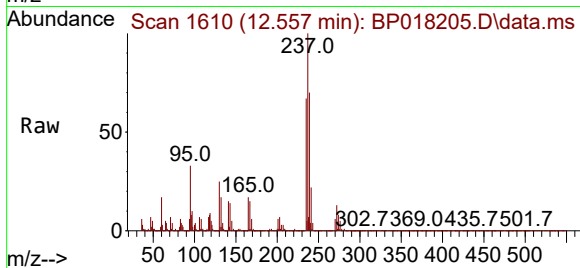
Tgt Ion:237 Resp: 49842

Ion Ratio Lower Upper

237 100

235 67.4 49.9 74.9

272 12.6 8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 19.484 ng/ul

RT: 12.893 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

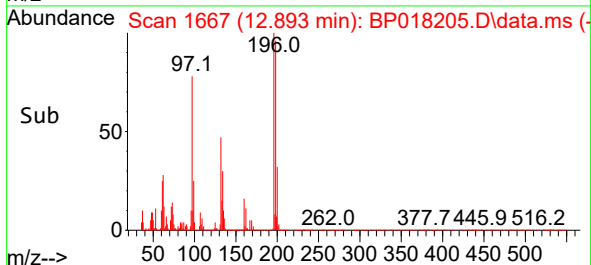
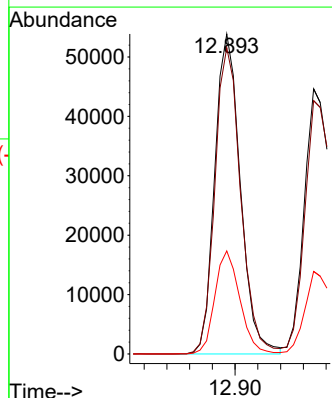
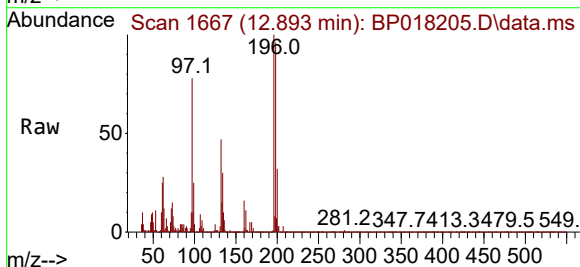
Tgt Ion:196 Resp: 84477

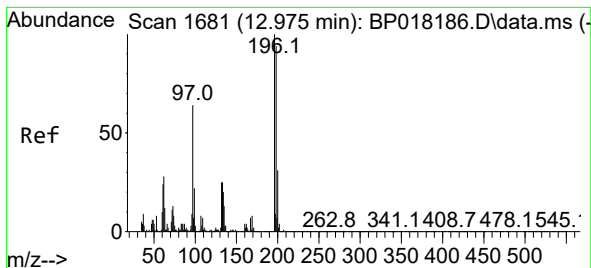
Ion Ratio Lower Upper

196 100

198 95.7 78.9 118.3

200 32.2 25.8 38.8





#42

2,4,5-Trichlorophenol

Concen: 19.412 ng/ul

RT: 12.969 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

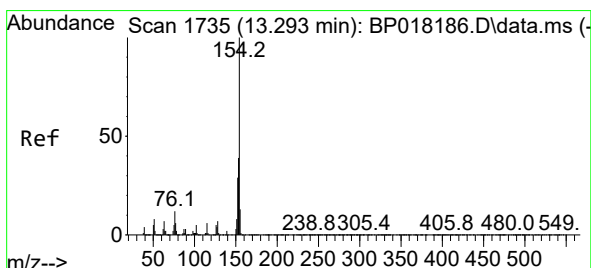
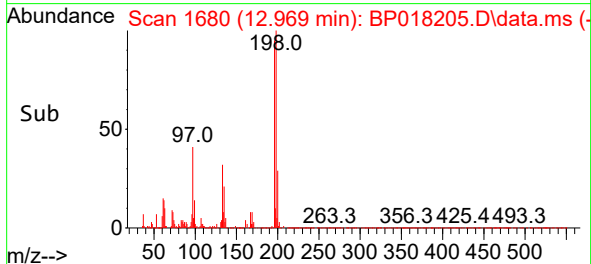
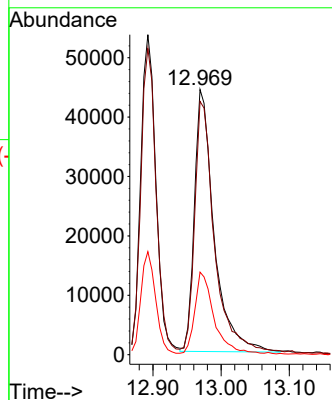
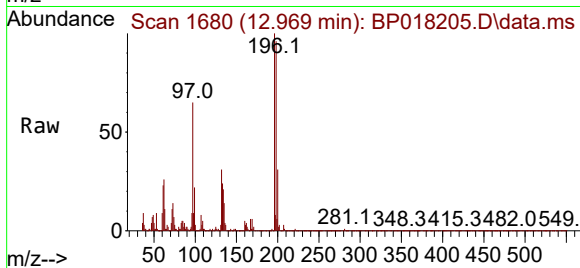
Tgt Ion:196 Resp: 88574

Ion Ratio Lower Upper

196 100

198 95.6 78.9 118.3

200 31.1 26.6 40.0



#43

1,1'-Biphenyl

Concen: 20.454 ng/ul

RT: 13.293 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

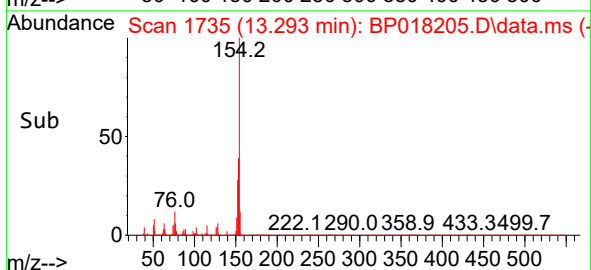
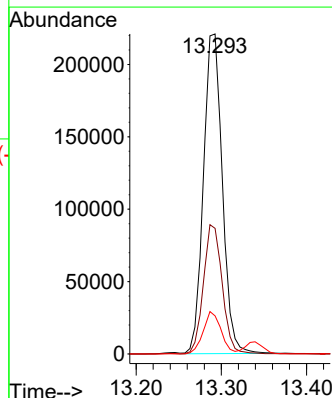
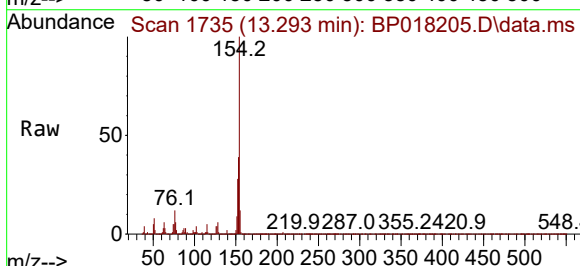
Tgt Ion:154 Resp: 340278

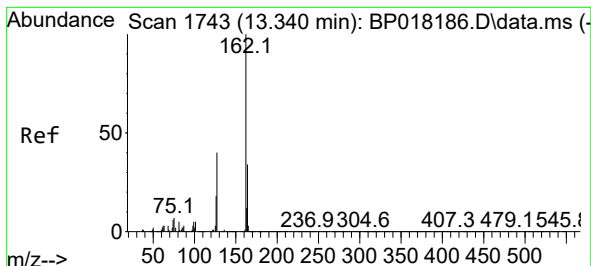
Ion Ratio Lower Upper

154 100

153 39.2 32.4 48.6

76 11.9 9.8 14.8

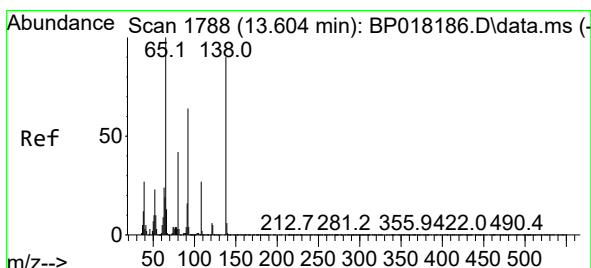
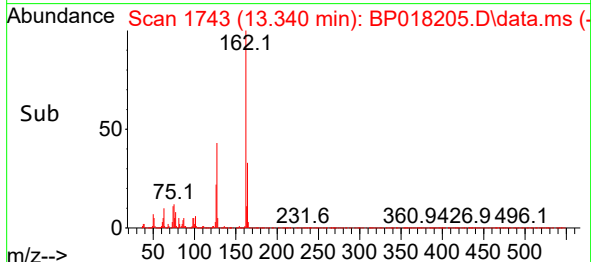
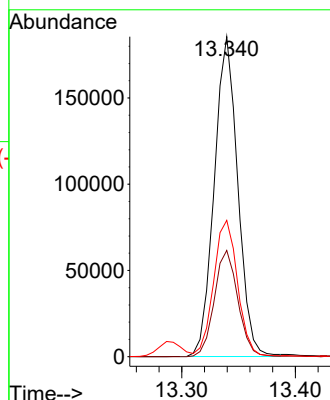
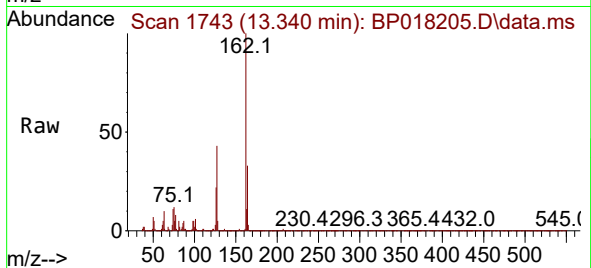




#44
2-Chloronaphthalene
Concen: 20.229 ng/ul
RT: 13.340 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

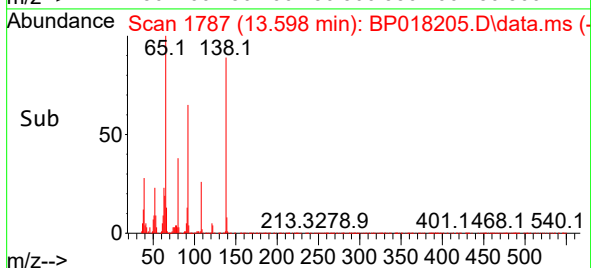
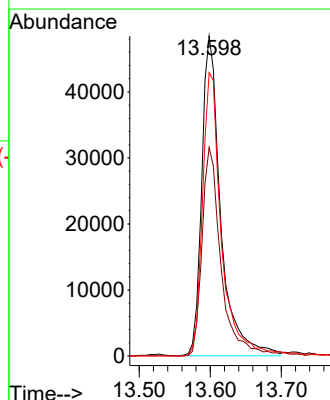
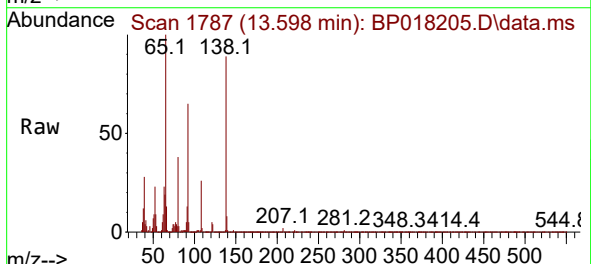
Instrument :
BNA_P
ClientSampleId :
SSTD020681

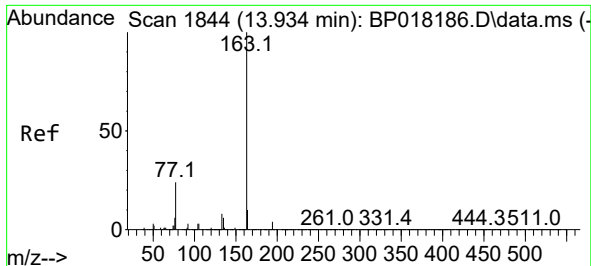
Tgt Ion:162 Resp: 267188
Ion Ratio Lower Upper
162 100
164 33.2 26.9 40.3
127 42.6 35.4 53.2



#45
2-Nitroaniline
Concen: 21.160 ng/ul
RT: 13.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion: 65 Resp: 90190
Ion Ratio Lower Upper
65 100
92 65.1 53.8 80.6
138 88.6 75.1 112.7

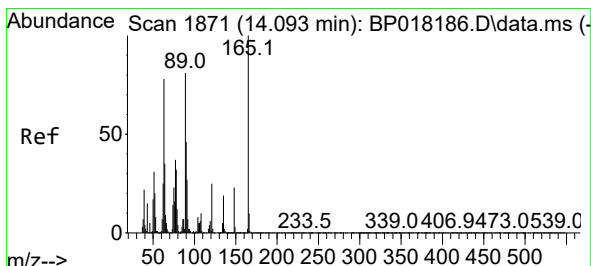
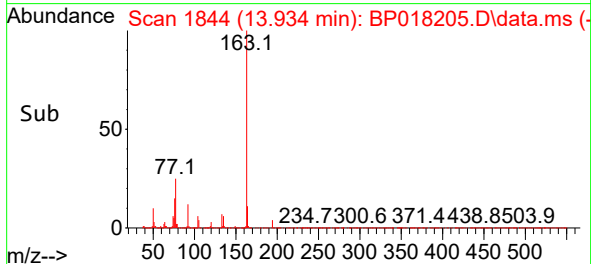
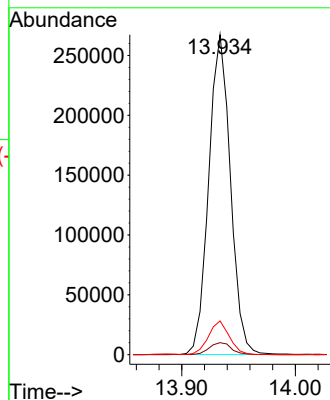
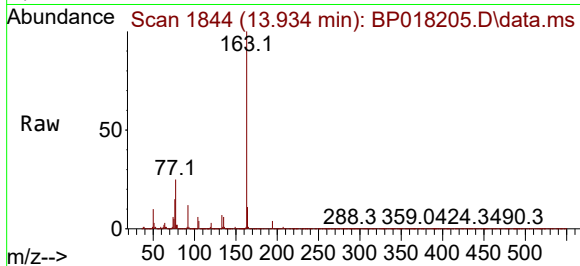




#47
Dimethylphthalate
Concen: 20.040 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

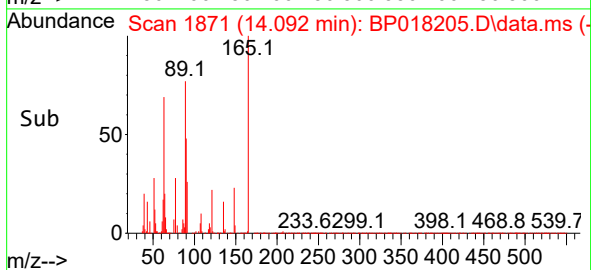
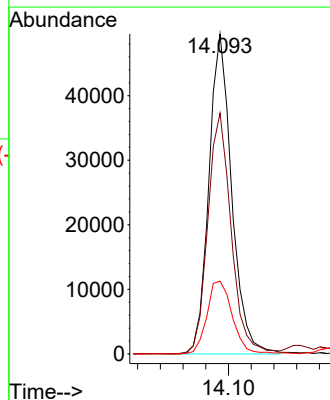
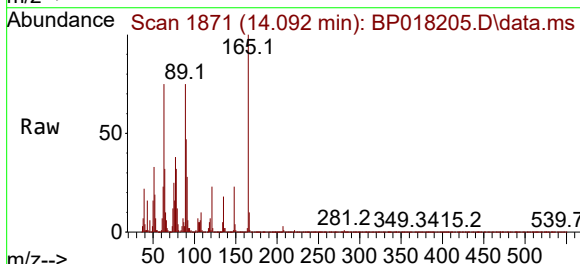
Instrument :
BNA_P
ClientSampleId :
SSTD020681

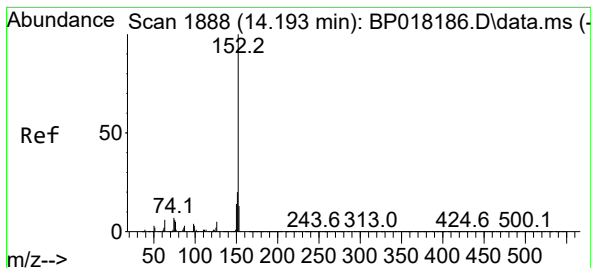
Tgt Ion:163 Resp: 354867
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 10.5 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 19.609 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:165 Resp: 69016
Ion Ratio Lower Upper
165 100
89 75.3 59.4 89.0
121 22.8 18.2 27.4





#50

Acenaphthylene

Concen: 19.950 ng/ul

RT: 14.192 min Scan# 1888

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

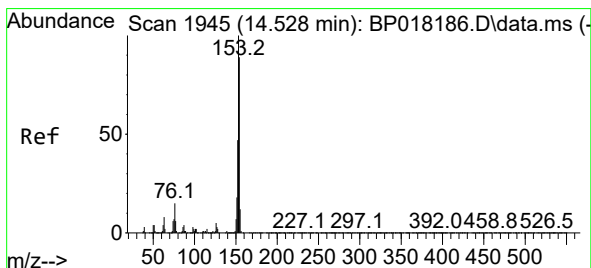
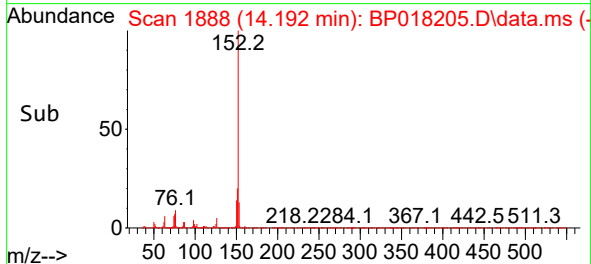
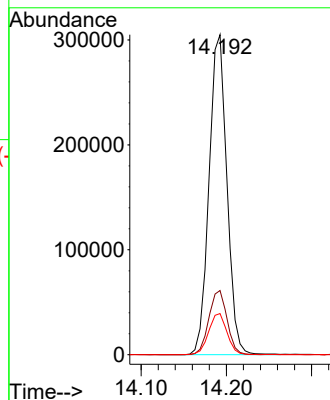
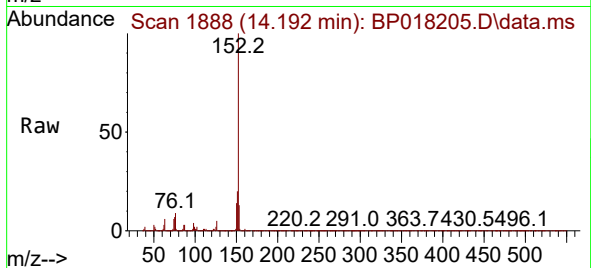
Tgt Ion:152 Resp: 442848

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 12.9 10.4 15.6



#52

Acenaphthene

Concen: 20.036 ng/ul

RT: 14.528 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

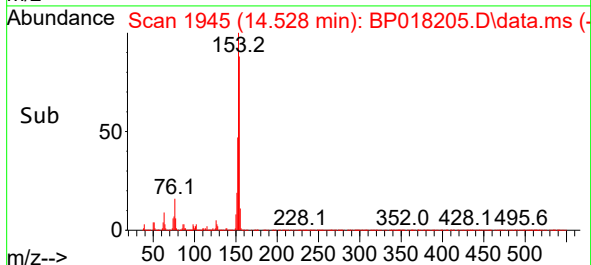
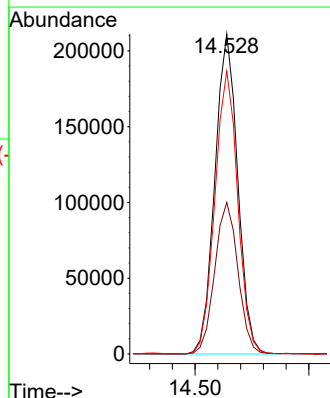
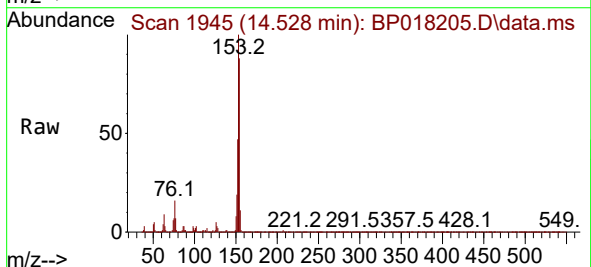
Tgt Ion:153 Resp: 294914

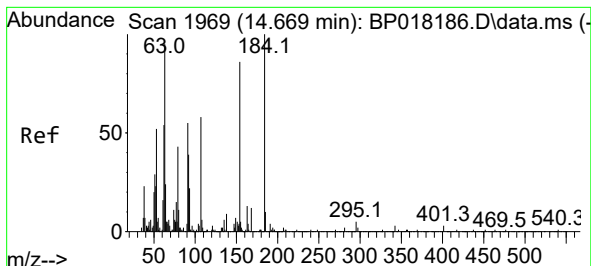
Ion Ratio Lower Upper

153 100

152 47.4 39.0 58.6

154 88.4 71.0 106.4

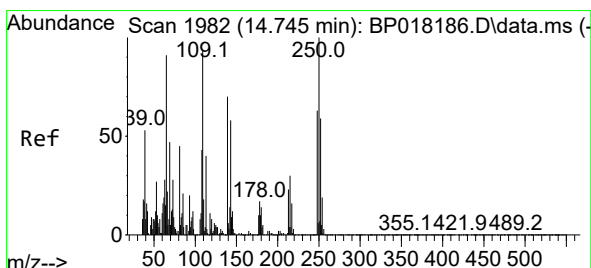
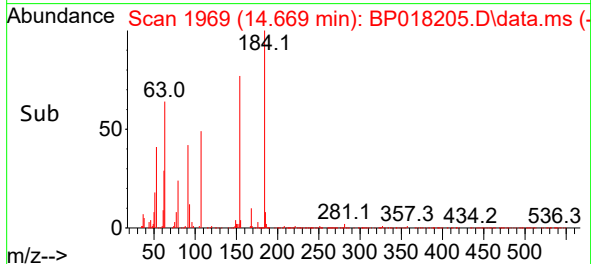
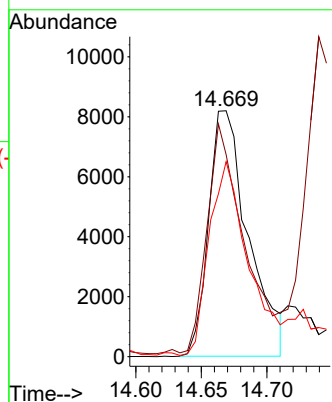
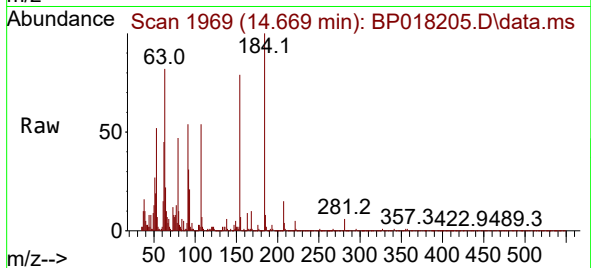




#53
2,4-Dinitrophenol
Concen: 8.977 ng/ul
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

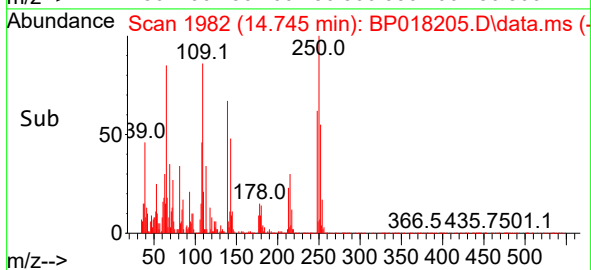
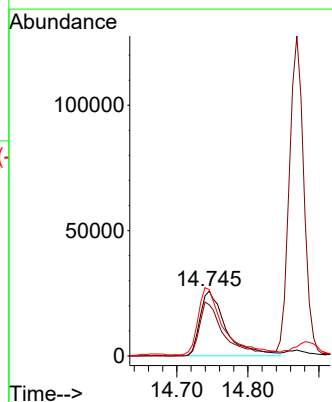
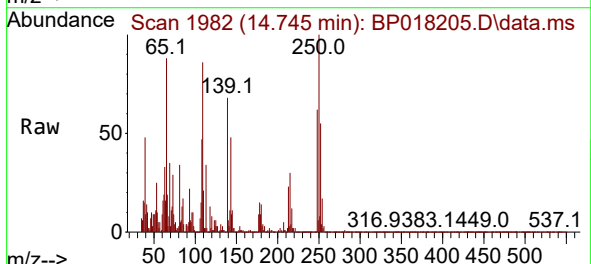
Instrument :
BNA_P
ClientSampleId :
SSTD020681

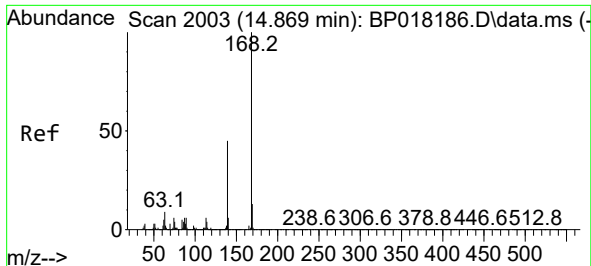
Tgt Ion:184 Resp: 17237
Ion Ratio Lower Upper
184 100
63 82.2 67.7 101.5
154 79.3 60.2 90.4



#55
4-Nitrophenol
Concen: 18.280 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:109 Resp: 65454
Ion Ratio Lower Upper
109 100
139 79.2 74.9 112.3
65 102.6 93.8 140.6

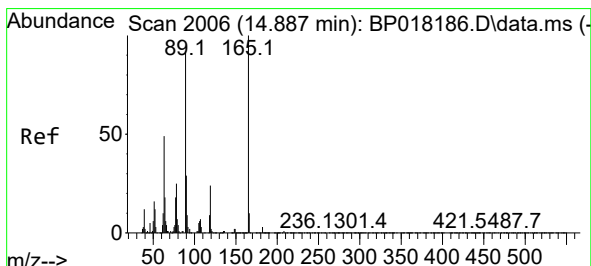
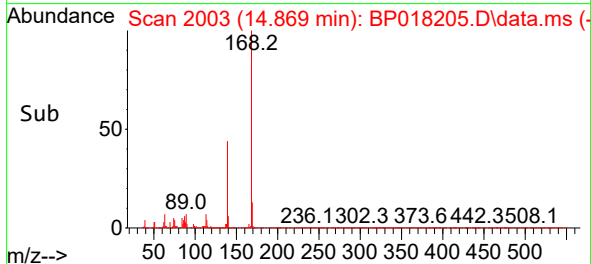
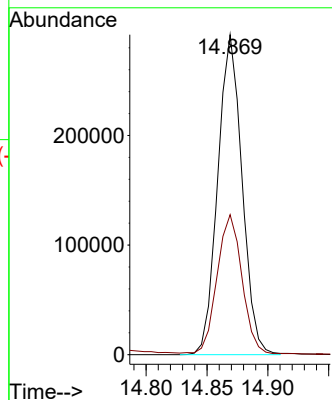
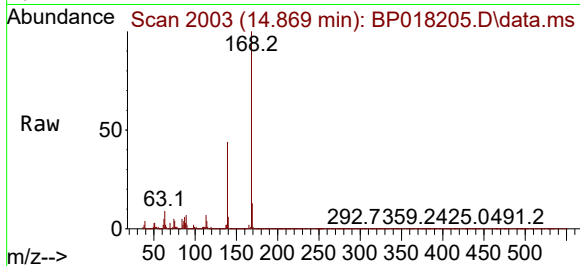




#56
Dibenzenofuran
Concen: 20.080 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

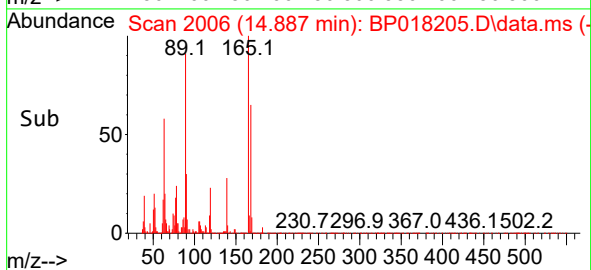
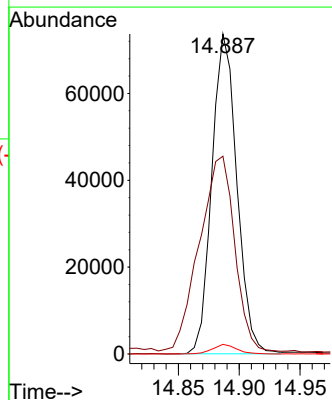
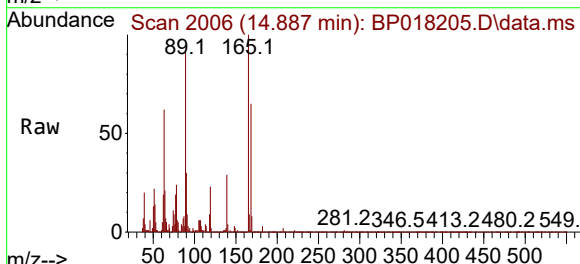
Instrument :
BNA_P
ClientSampleId :
SSTD020681

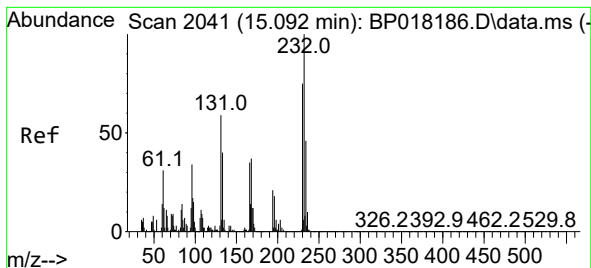
Tgt Ion:168 Resp: 405037
Ion Ratio Lower Upper
168 100
139 43.7 34.0 51.0



#57
2,4-Dinitrotoluene
Concen: 20.037 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:165 Resp: 105364
Ion Ratio Lower Upper
165 100
63 61.8 48.6 72.8
182 3.0 2.1 3.1

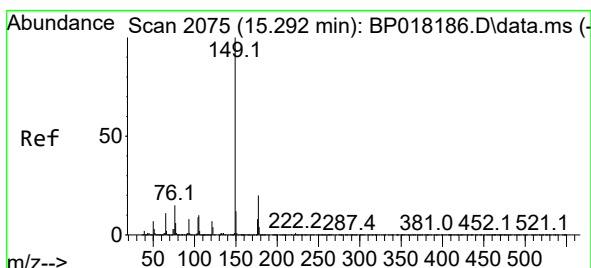
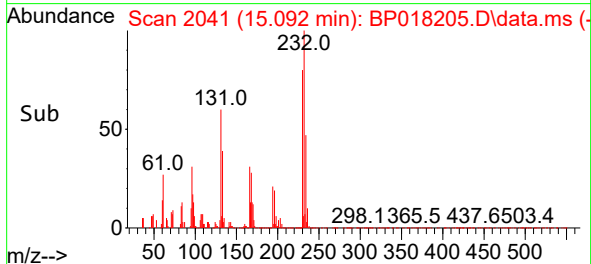
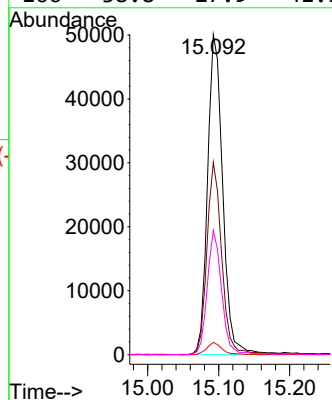
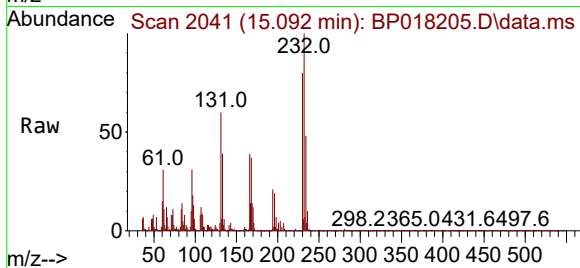




#58
2,3,4,6-Tetrachlorophenol
Concen: 18.359 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

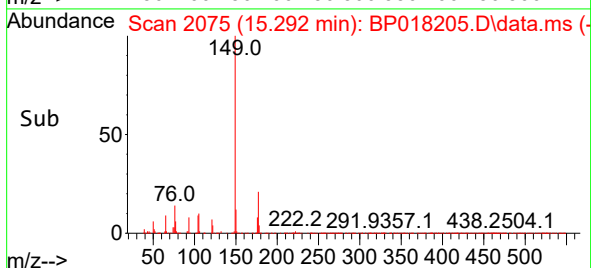
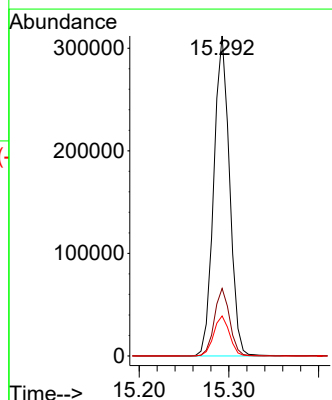
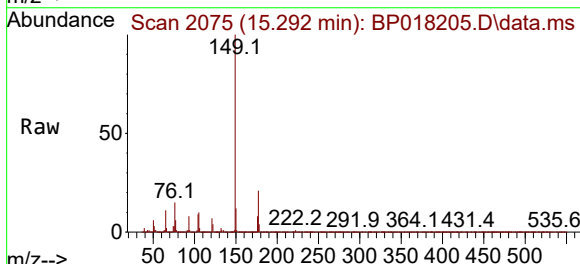
Instrument :
BNA_P
ClientSampleId :
SSTD020681

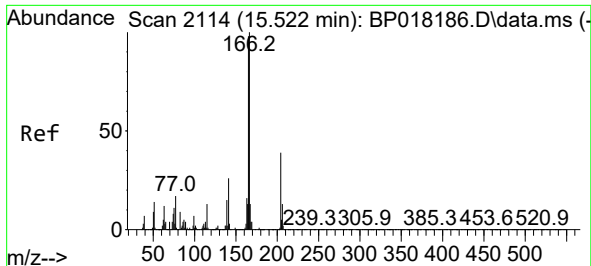
Tgt Ion:232	Resp:	74523
Ion Ratio	Lower	Upper
232	100	
131	60.1	44.1 66.1
130	3.9	2.5 3.7#
166	38.8	27.9 41.9



#59
Diethylphthalate
Concen: 20.584 ng/ul
RT: 15.292 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:149	Resp:	380798
Ion Ratio	Lower	Upper
149	100	
177	21.1	16.3 24.5
150	12.5	10.0 15.0

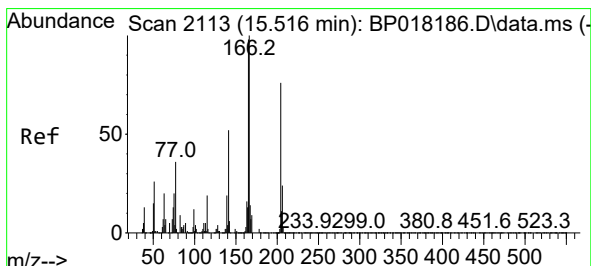
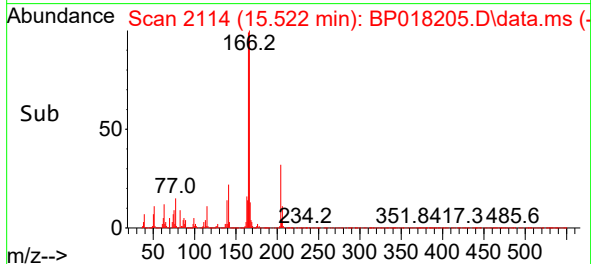
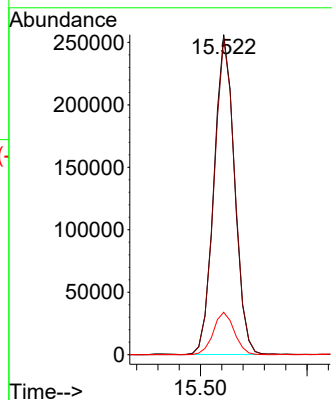
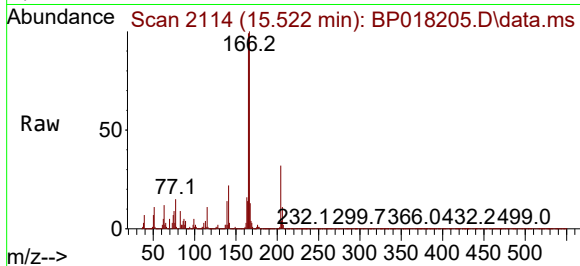




#61
Fluorene
Concen: 19.935 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

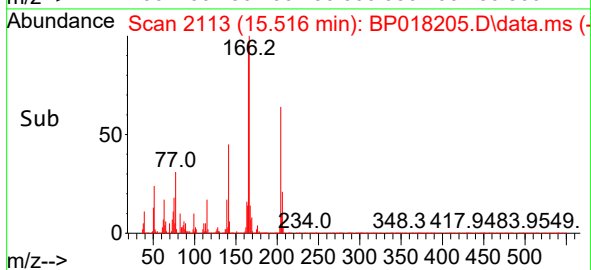
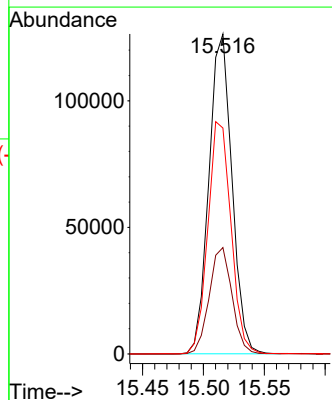
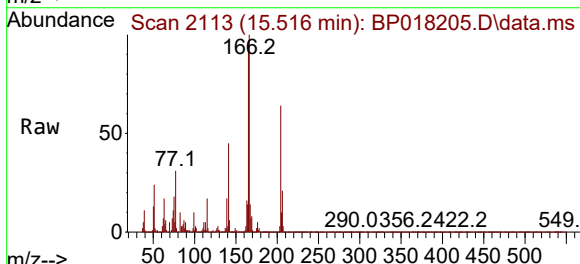
Instrument :
BNA_P
ClientSampleId :
SSTD020681

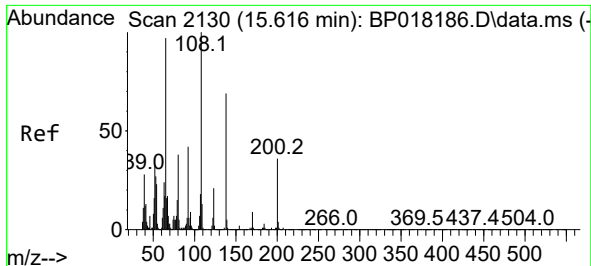
Tgt Ion:166 Resp: 341390
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.6
167 13.2 10.6 16.0



#62
4-Chlorophenyl-phenylether
Concen: 19.776 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:204 Resp: 165962
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 70.6 56.0 84.0

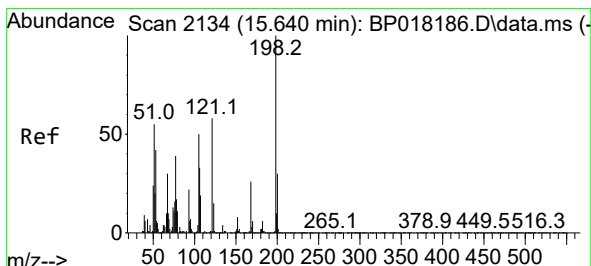
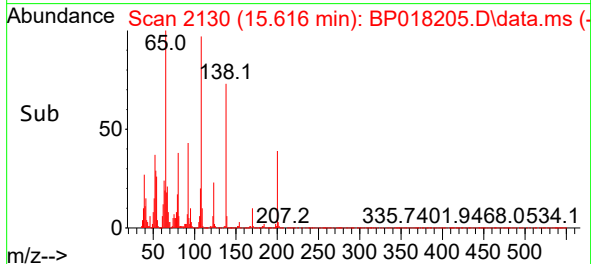
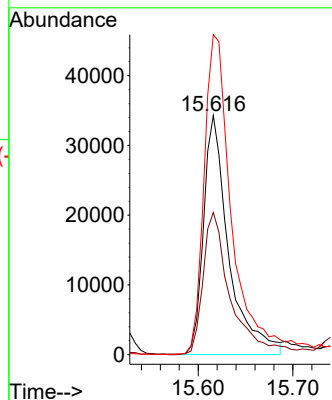
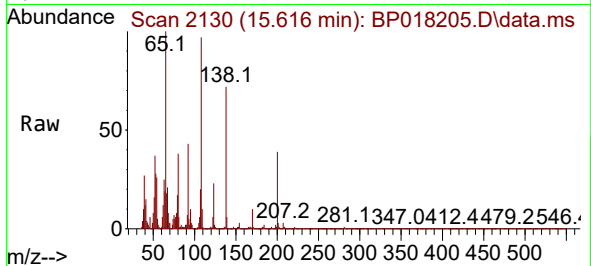




#63
4-Nitroaniline
Concen: 20.625 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

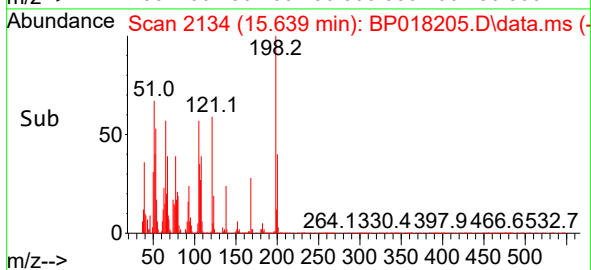
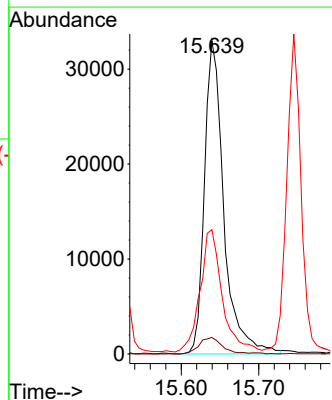
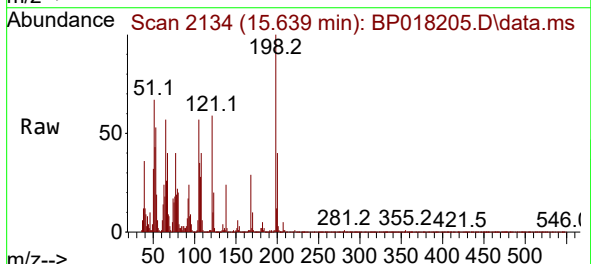
Instrument :
BNA_P
ClientSampleId :
SSTD020681

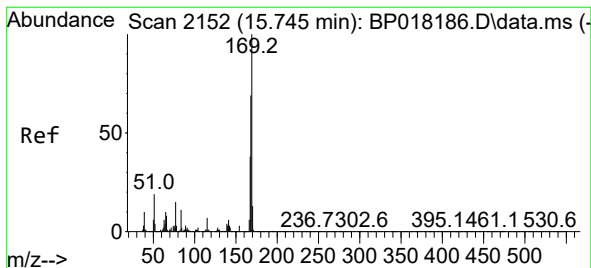
Tgt Ion:138 Resp: 63565
Ion Ratio Lower Upper
138 100
92 59.4 46.6 70.0
108 133.7 104.7 157.1



#66
4,6-Dinitro-2-methylphenol
Concen: 17.373 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:198 Resp: 57217
Ion Ratio Lower Upper
198 100
182 5.2 3.8 5.6
77 39.7 27.2 40.8





#67

N-Nitrosodiphenylamine

Concen: 20.408 ng/ul

RT: 15.745 min Scan# 2152

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

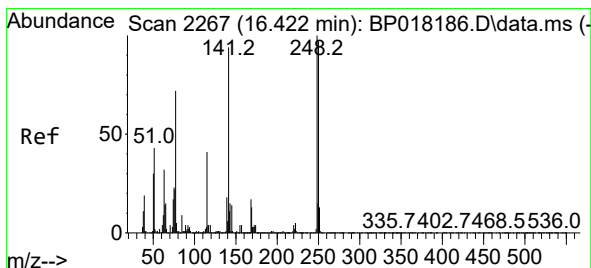
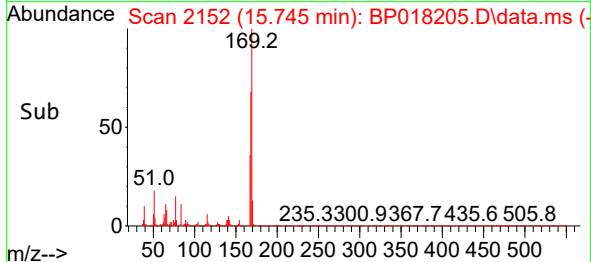
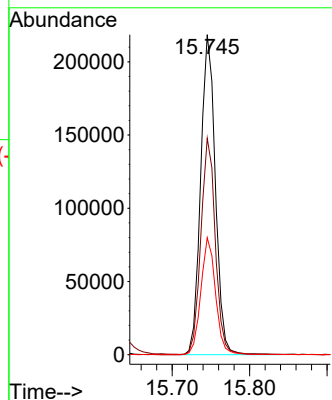
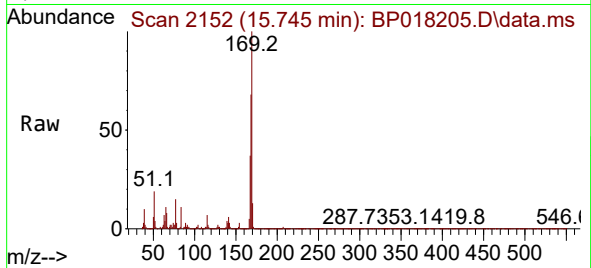
Tgt Ion:169 Resp: 287357

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.8

167 36.6 29.8 44.6



#68

4-Bromophenyl-phenylether

Concen: 19.519 ng/ul

RT: 16.422 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

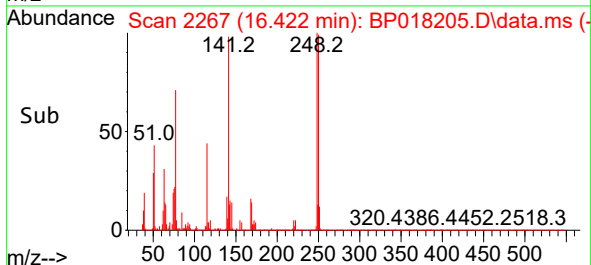
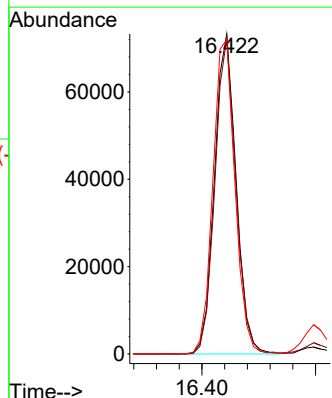
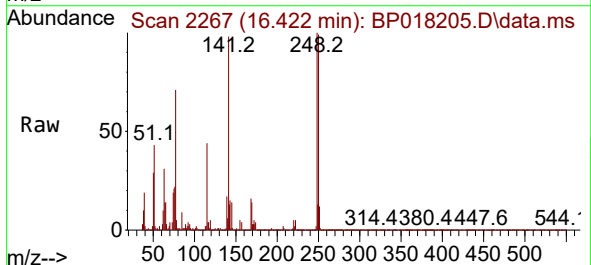
Tgt Ion:248 Resp: 96587

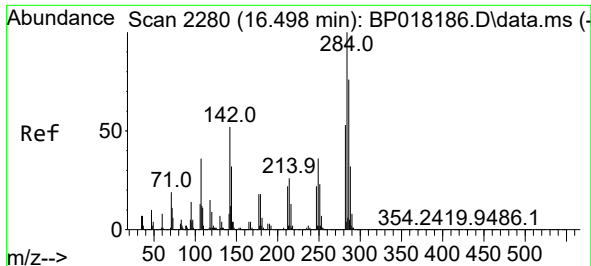
Ion Ratio Lower Upper

248 100

250 98.8 72.7 109.1

141 98.3 70.4 105.6

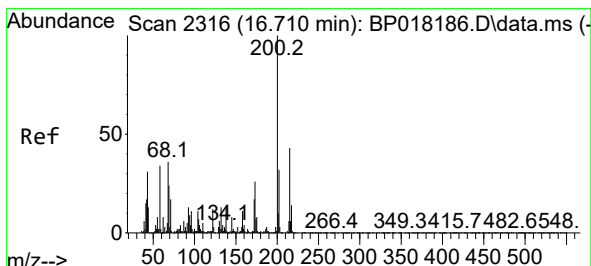
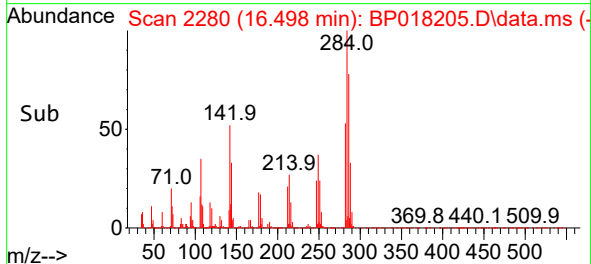
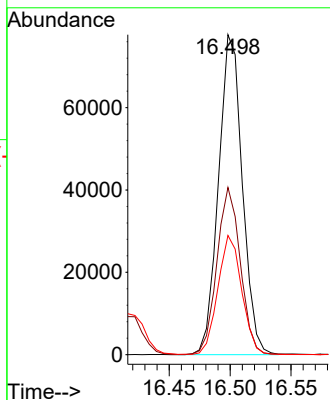
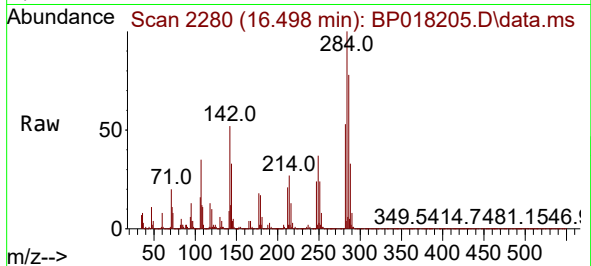




#69
Hexachlorobenzene
Concen: 19.144 ng/ul
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

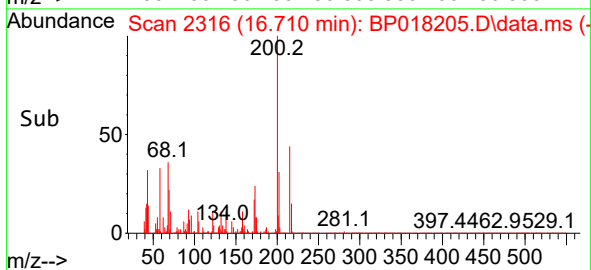
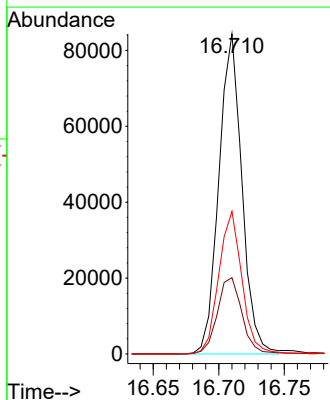
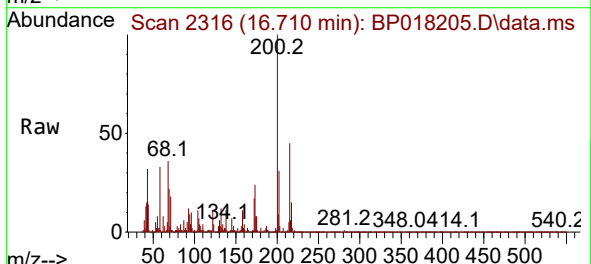
Instrument :
BNA_P
ClientSampleId :
SSTD020681

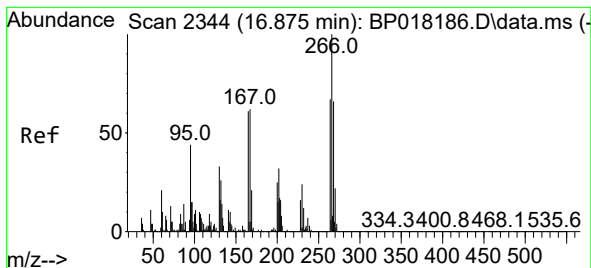
Tgt Ion:284 Resp: 105709
Ion Ratio Lower Upper
284 100
142 52.2 38.9 58.3
249 37.2 28.6 43.0



#70
Atrazine
Concen: 20.970 ng/ul
RT: 16.710 min Scan# 2316
Delta R.T. 0.000 min
Lab File: BP018205.D
Acq: 16 Nov 2023 10:02

Tgt Ion:200 Resp: 102997
Ion Ratio Lower Upper
200 100
173 23.9 20.2 30.2
215 44.6 37.8 56.8





#71

Pentachlorophenol

Concen: 8.781 ng/ul

RT: 16.881 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

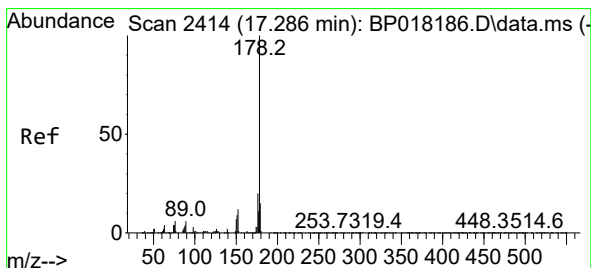
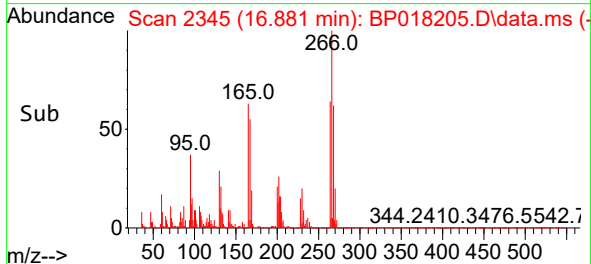
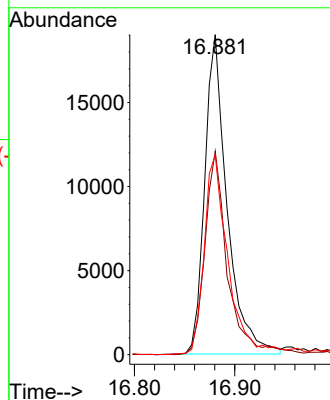
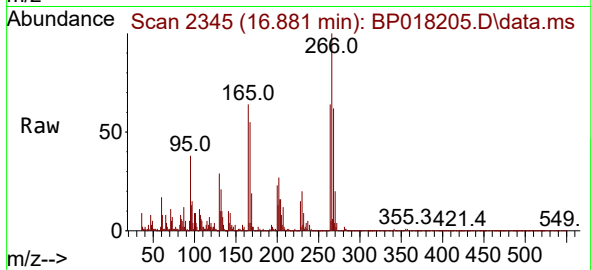
Tgt Ion:266 Resp: 29432

Ion Ratio Lower Upper

266 100

264 63.6 50.7 76.1

268 62.5 52.4 78.6



#72

Phenanthrene

Concen: 20.212 ng/ul

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

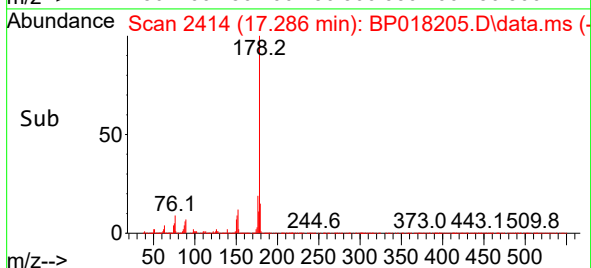
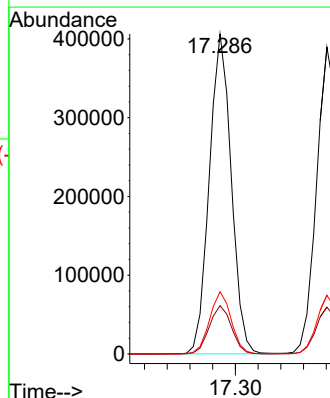
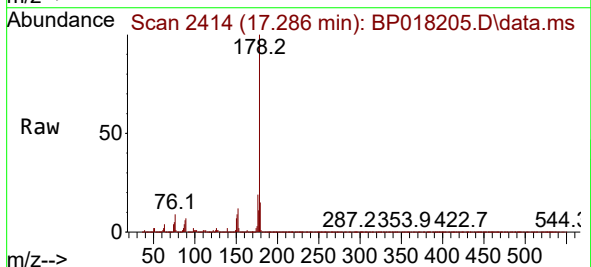
Tgt Ion:178 Resp: 544861

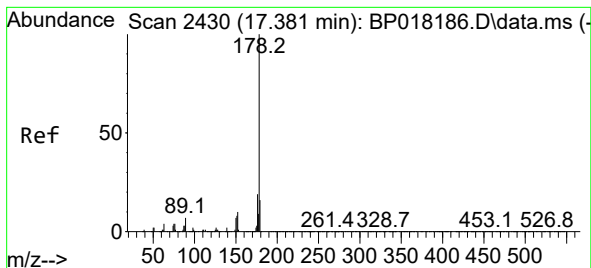
Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 19.4 15.5 23.3





#74

Anthracene

Concen: 20.220 ng/uI

RT: 17.381 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

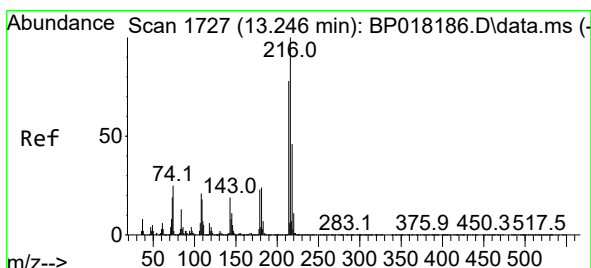
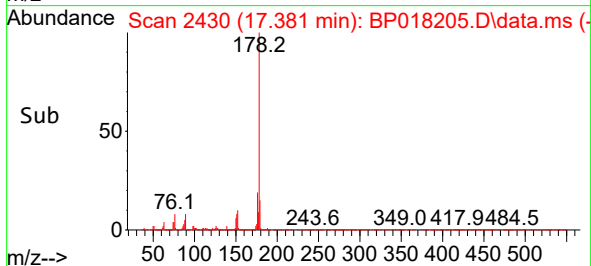
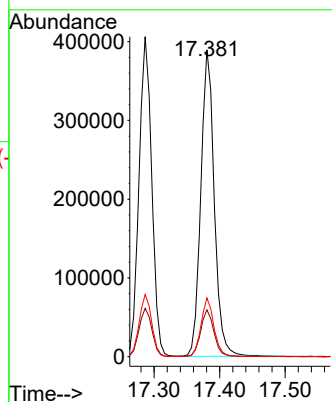
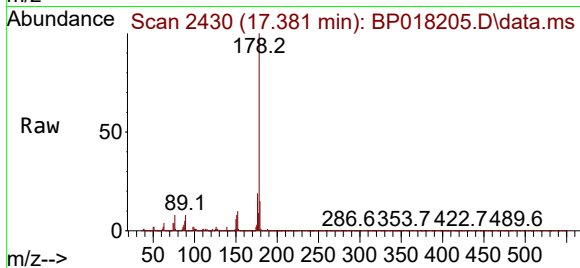
Tgt Ion:178 Resp: 556261

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 19.1 15.4 23.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.937 ng/uL

RT: 13.240 min Scan# 1726

Delta R.T. -0.006 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

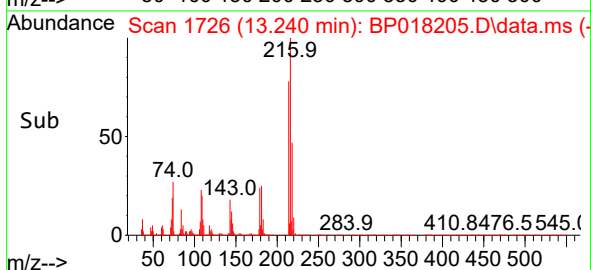
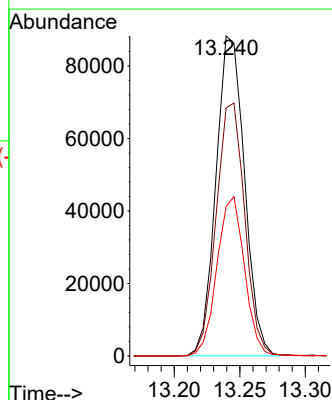
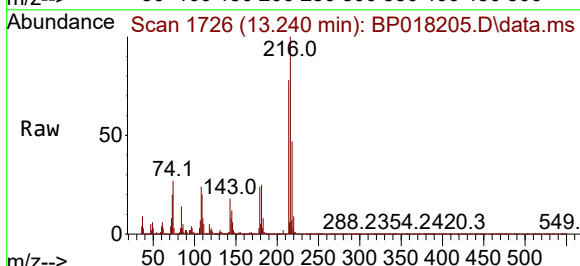
Tgt Ion:216 Resp: 133669

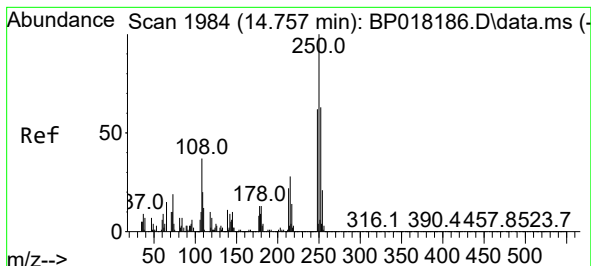
Ion Ratio Lower Upper

216 100

214 77.5 64.0 96.0

218 46.6 39.0 58.4





#76

Pentachlorobenzene

Concen: 19.922 ng/uL

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

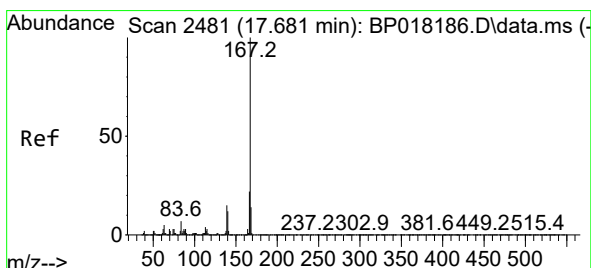
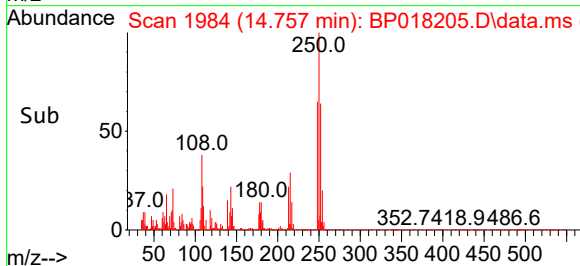
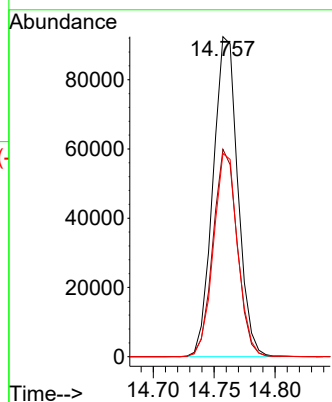
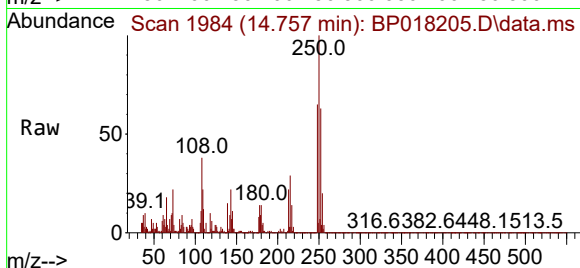
Tgt Ion:250 Resp: 130758

Ion Ratio Lower Upper

250 100

248 64.8 52.7 79.1

252 63.5 52.3 78.5



#77

Carbazole

Concen: 20.570 ng/uL

RT: 17.681 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

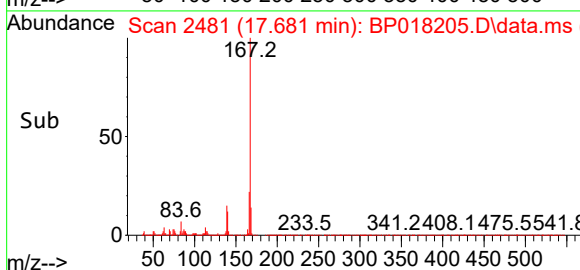
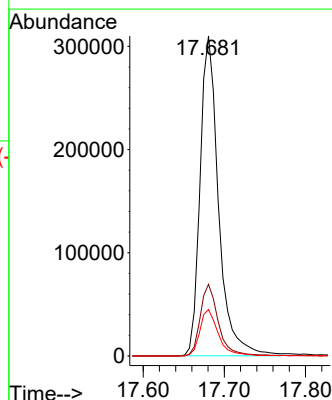
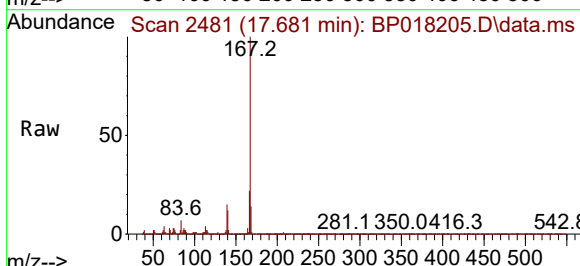
Tgt Ion:167 Resp: 491397

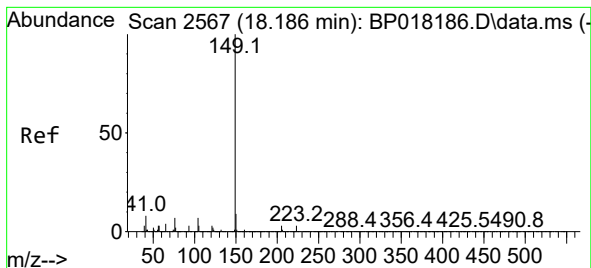
Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

139 14.5 11.4 17.0





#78

Di-n-butylphthalate

Concen: 21.116 ng/ul

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

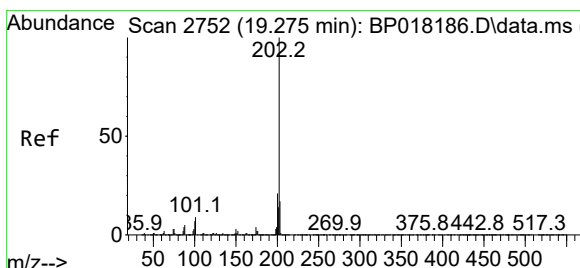
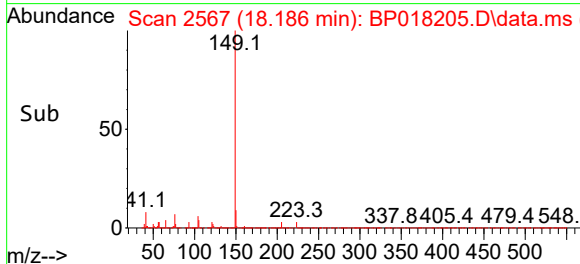
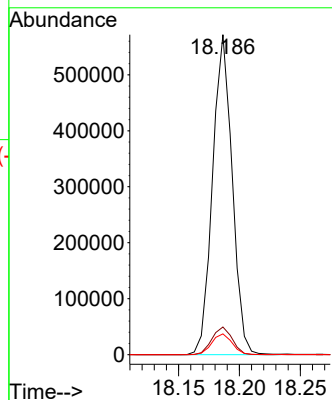
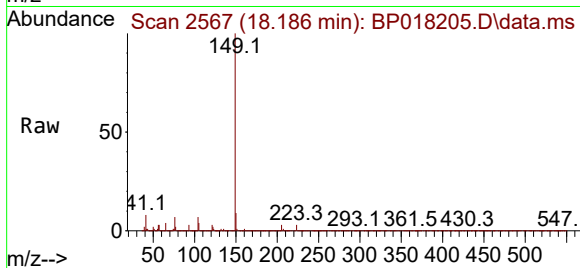
Tgt Ion:149 Resp: 640043

Ion Ratio Lower Upper

149 100

150 8.6 6.7 10.1

104 6.5 5.1 7.7



#80

Fluoranthene

Concen: 19.951 ng/ul

RT: 19.275 min Scan# 2752

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

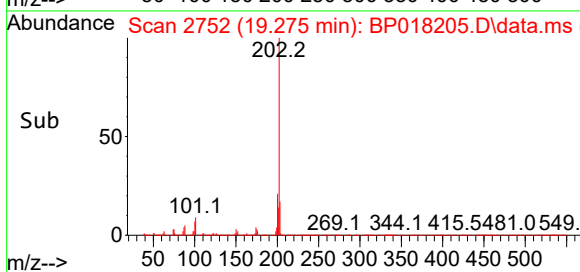
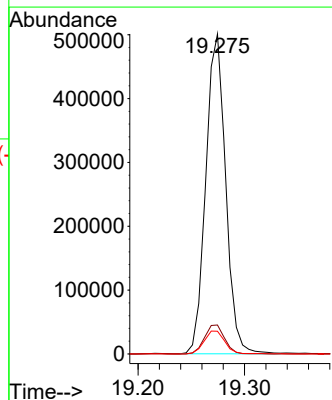
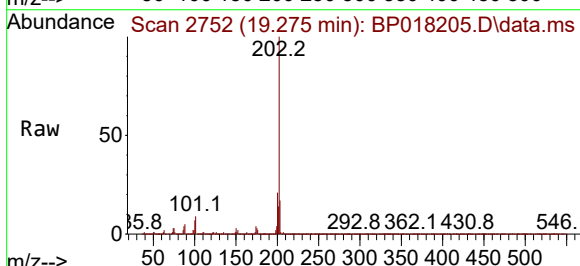
Tgt Ion:202 Resp: 651043

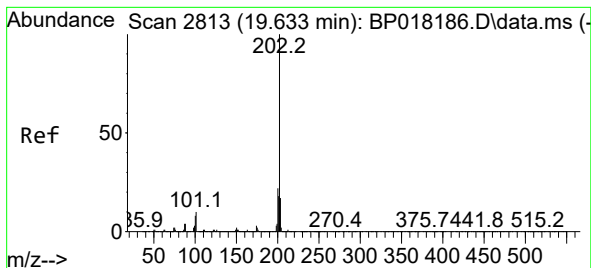
Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

100 7.1 5.8 8.6





#82

Pyrene

Concen: 20.090 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

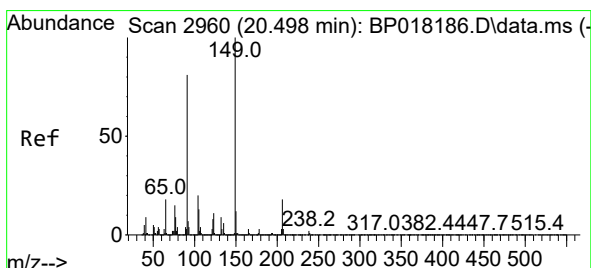
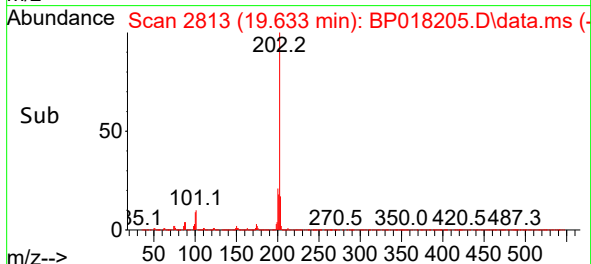
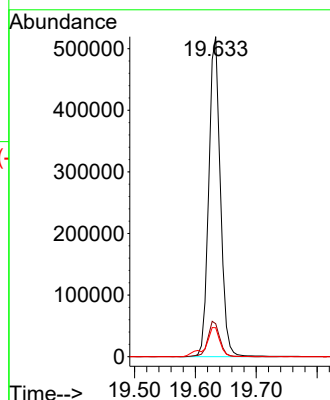
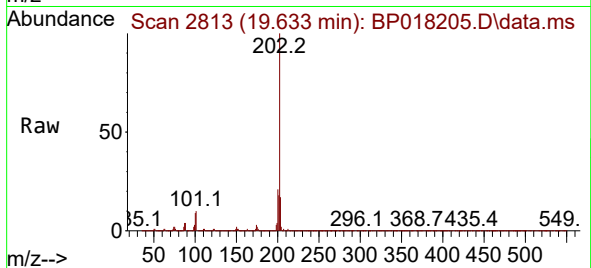
Tgt Ion:202 Resp: 686987

Ion Ratio Lower Upper

202 100

101 10.3 8.3 12.5

100 9.0 7.4 11.2



#83

Butylbenzylphthalate

Concen: 21.109 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

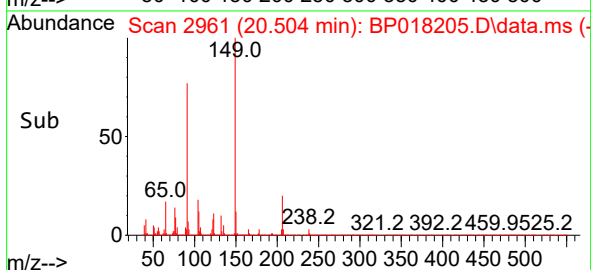
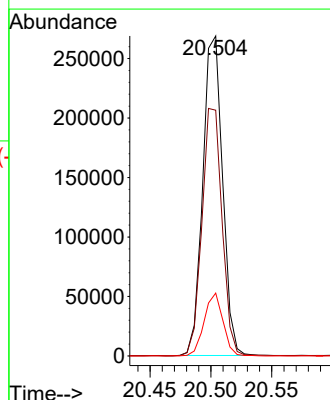
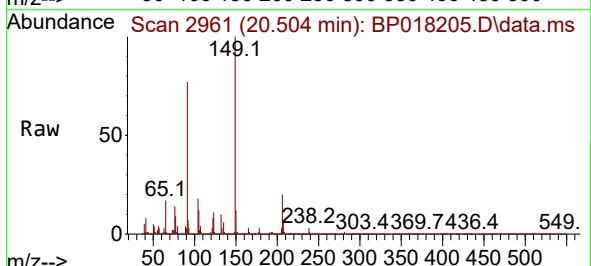
Tgt Ion:149 Resp: 303561

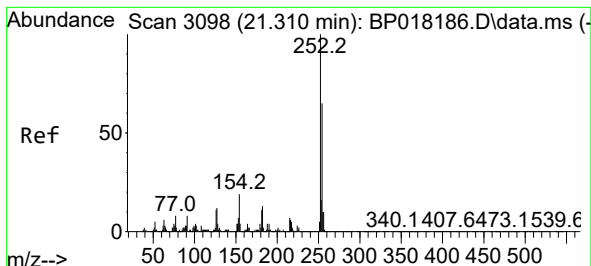
Ion Ratio Lower Upper

149 100

91 76.8 59.6 89.4

206 19.7 14.3 21.5





#84

3,3'-Dichlorobenzidine

Concen: 21.527 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

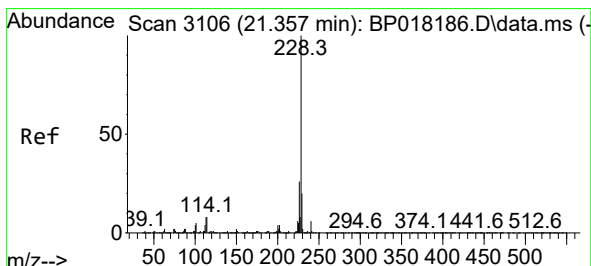
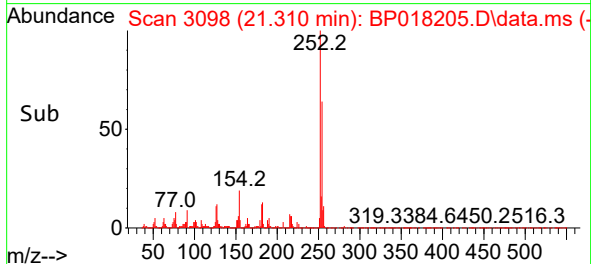
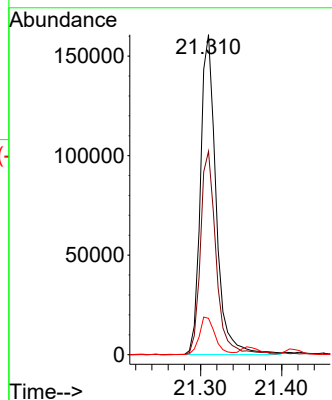
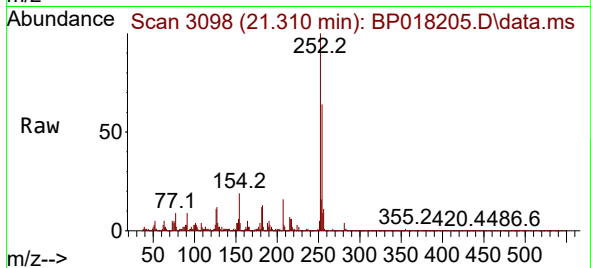
Tgt Ion:252 Resp: 215147

Ion Ratio Lower Upper

252 100

254 63.5 48.9 73.3

126 11.4 9.4 14.0



#85

Benzo(a)anthracene

Concen: 20.278 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

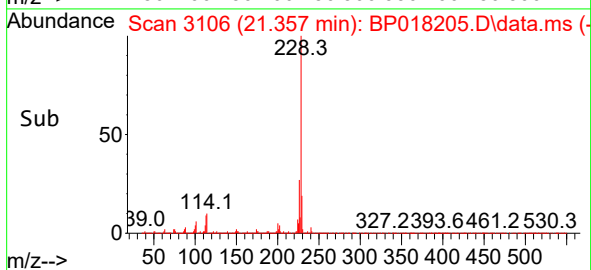
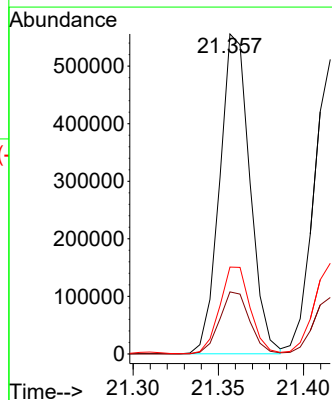
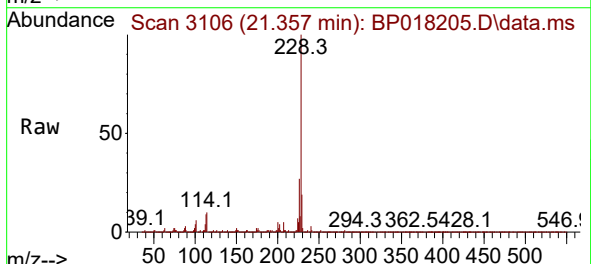
Tgt Ion:228 Resp: 684970

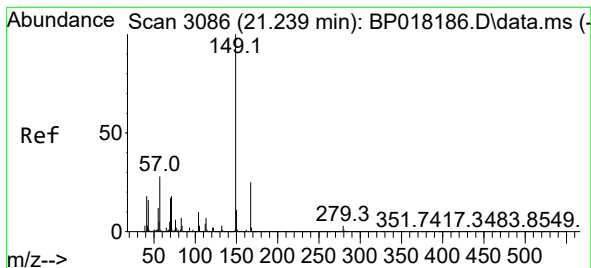
Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.0

226 27.1 21.4 32.0

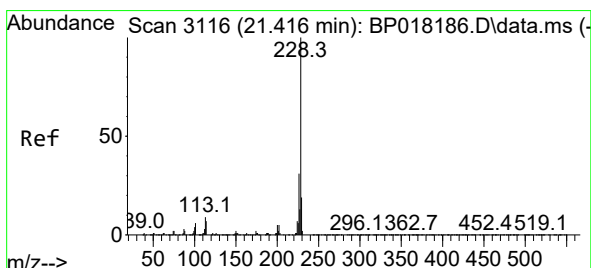
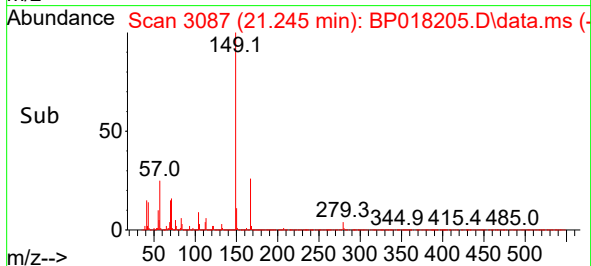
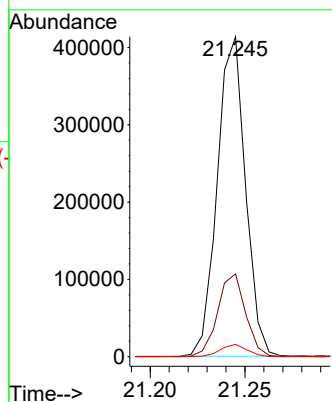
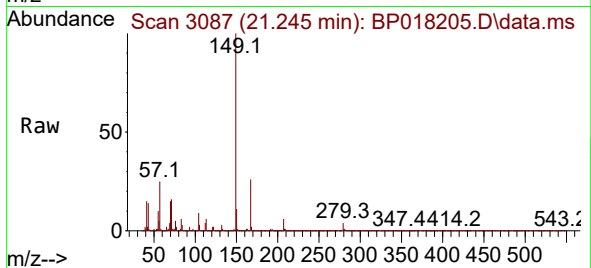




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 21.567 ng/ul
 RT: 21.245 min Scan# 3086
 Delta R.T. 0.000 min
 Lab File: BP018205.D
 Acq: 16 Nov 2023 10:02

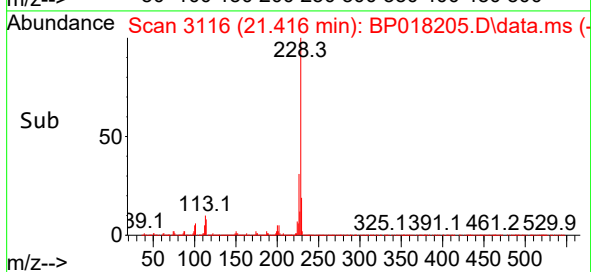
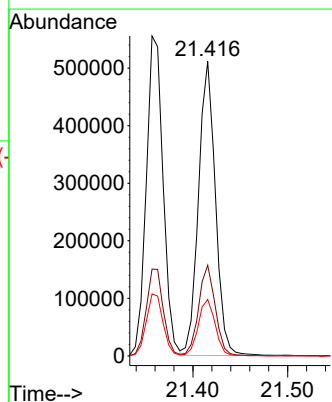
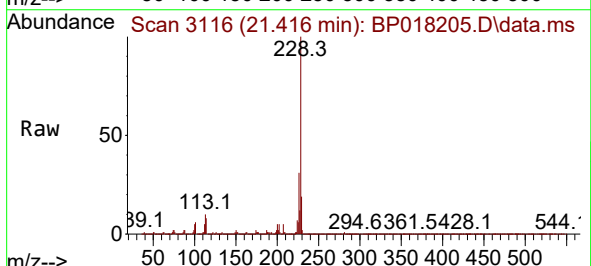
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020681

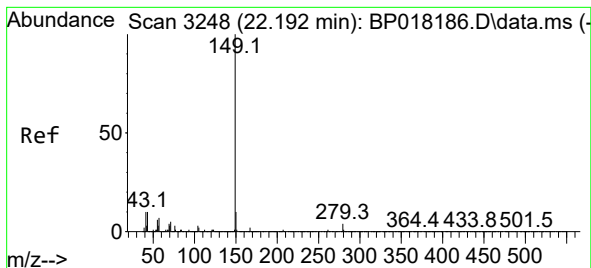
Tgt Ion:149 Resp: 427599
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 3.8 3.2 4.8



#87
 Chrysene
 Concen: 20.090 ng/ul
 RT: 21.416 min Scan# 3116
 Delta R.T. 0.000 min
 Lab File: BP018205.D
 Acq: 16 Nov 2023 10:02

Tgt Ion:228 Resp: 634870
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.1 34.7
 229 19.2 15.4 23.0





#89

Di-n-octyl phthalate

Concen: 21.678 ng/ul

RT: 22.198 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

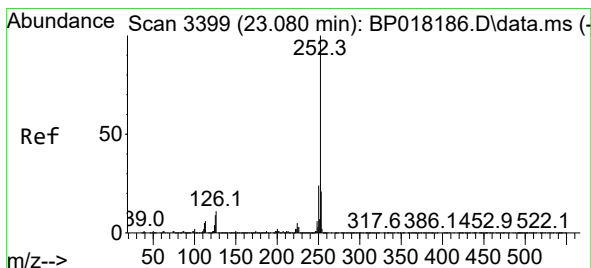
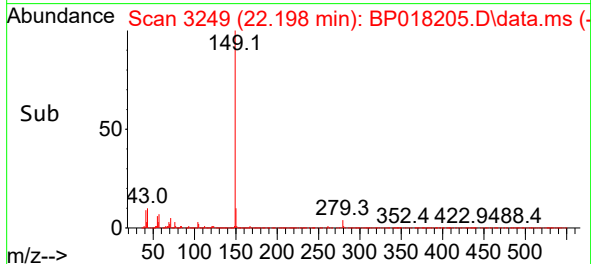
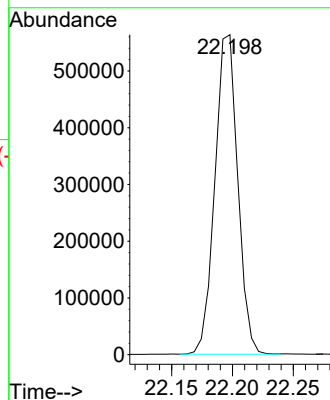
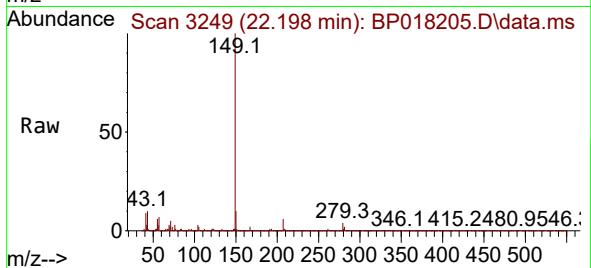
Instrument :

BNA_P

ClientSampleId :

SSTD020681

Tgt Ion:149 Resp: 735238



#90

Benzo(b)fluoranthene

Concen: 20.126 ng/ul

RT: 23.080 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

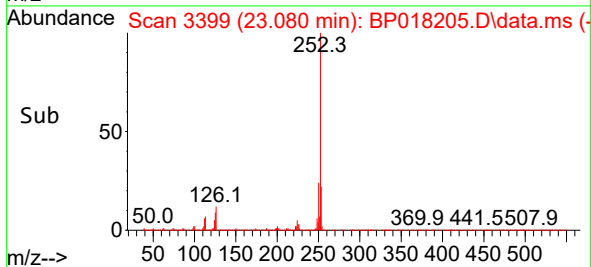
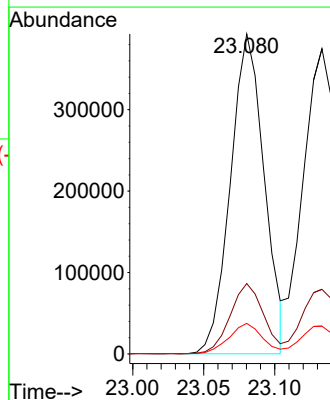
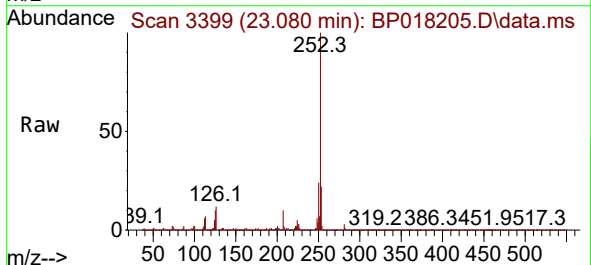
Tgt Ion:252 Resp: 649562

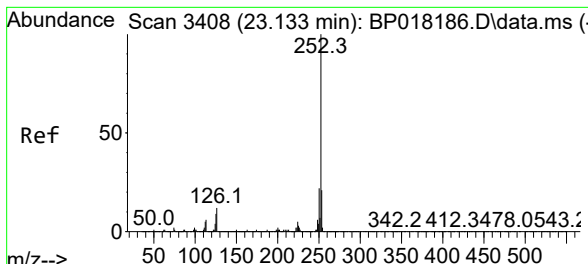
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.5 7.0 10.6

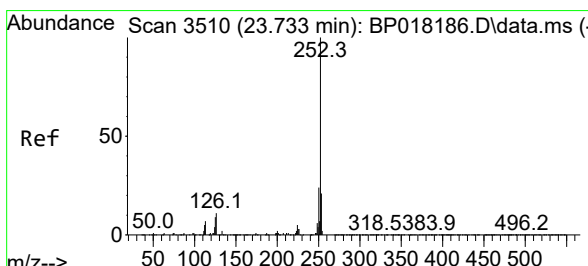
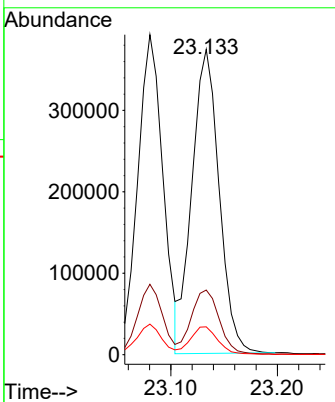
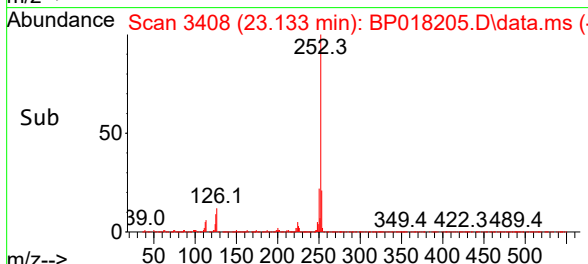
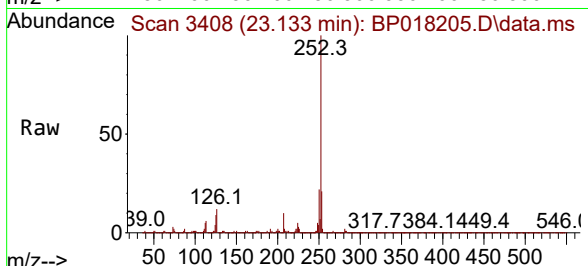




#91
 Benzo(k)fluoranthene
 Concen: 20.383 ng/ul
 RT: 23.133 min Scan# 3408
 Delta R.T. 0.000 min
 Lab File: BP018205.D
 Acq: 16 Nov 2023 10:02

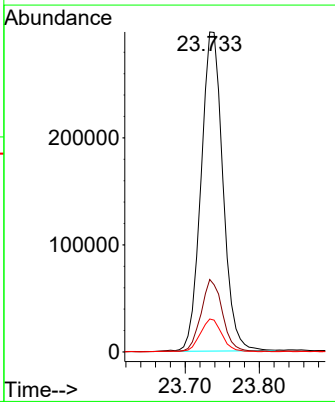
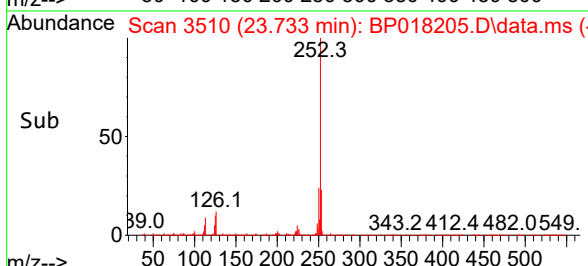
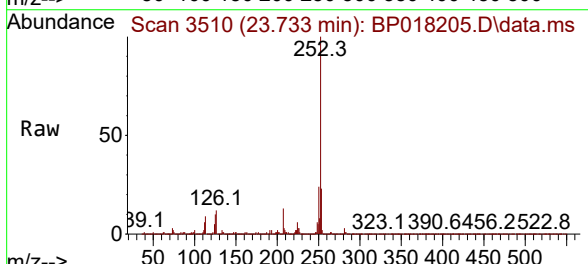
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020681

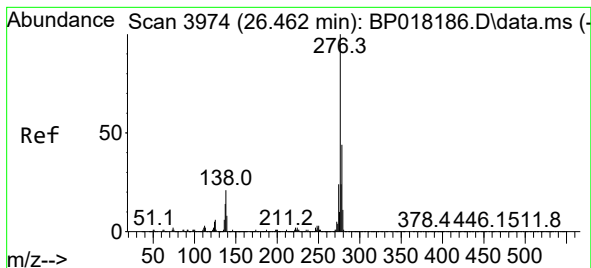
Tgt Ion:	252	Resp:	661891
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.6	26.4
125	9.1	6.8	10.2



#93
 Benzo(a)pyrene
 Concen: 20.042 ng/ul
 RT: 23.733 min Scan# 3510
 Delta R.T. 0.000 min
 Lab File: BP018205.D
 Acq: 16 Nov 2023 10:02

Tgt Ion:	252	Resp:	610882
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	10.3	7.3	10.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.855 ng/ul

RT: 26.468 min Scan# 3974

Delta R.T. 0.006 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

Instrument :

BNA_P

ClientSampleId :

SSTD020681

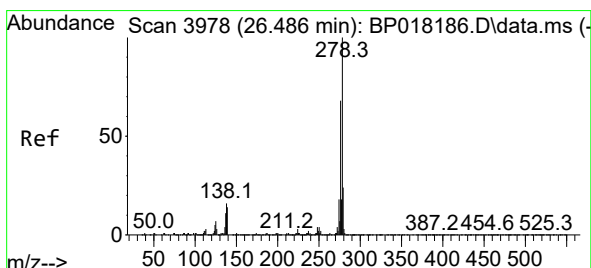
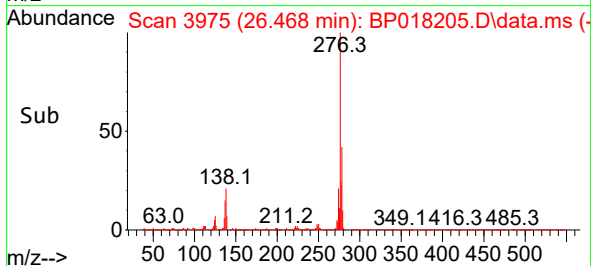
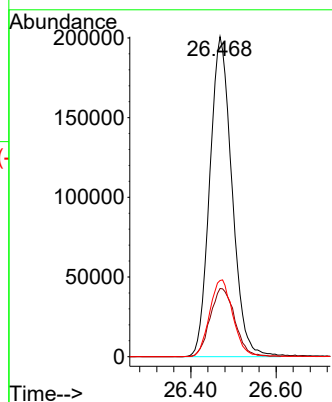
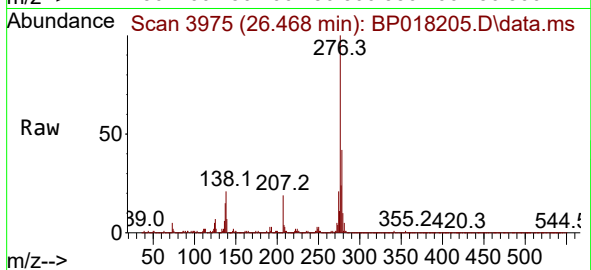
Tgt Ion:276 Resp: 725827

Ion Ratio Lower Upper

276 100

138 21.3 15.6 23.4

277 23.8 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 19.630 ng/ul

RT: 26.498 min Scan# 3980

Delta R.T. 0.006 min

Lab File: BP018205.D

Acq: 16 Nov 2023 10:02

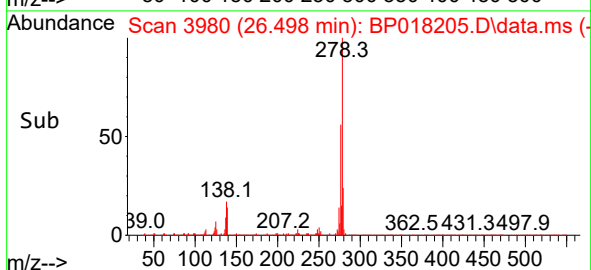
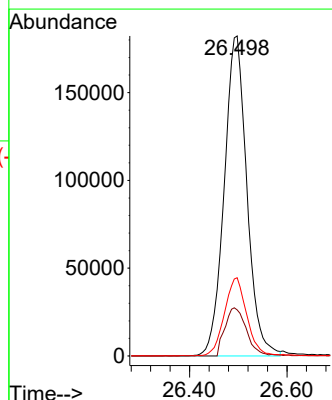
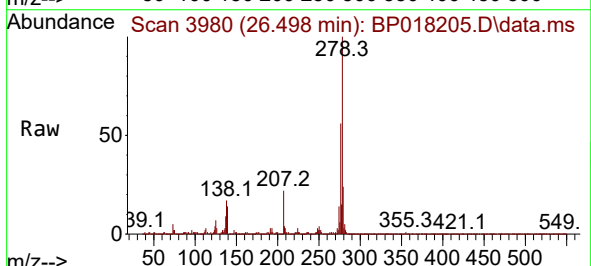
Tgt Ion:278 Resp: 590856

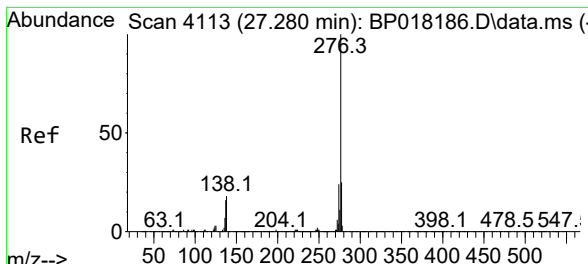
Ion Ratio Lower Upper

278 100

139 14.4 11.1 16.7

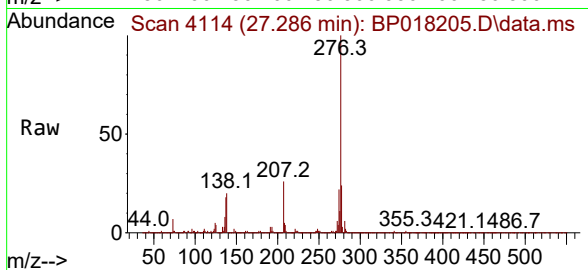
279 24.4 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 19.814 ng/ul
 RT: 27.286 min Scan# 4114
 Delta R.T. 0.006 min
 Lab File: BP018205.D
 Acq: 16 Nov 2023 10:02

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020681



Tgt Ion:276 Resp: 579331
 Ion Ratio Lower Upper
 276 100
 138 20.4 13.8 20.6
 277 23.9 20.2 30.2

