

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020186.D
 Acq On : 03 May 2024 22:11
 Operator : MA/JU
 Sample : P2350-06MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E08Q3MS

Quant Time: May 03 23:07:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	72376	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	317606	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	226152	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.122	188	514848	20.000	ng/u1	-0.01
79) Chrysene-d12	21.616	240	525646	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	518330	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	8641	5.042	ng/uL	0.00
4) Pyridine-d5	3.617	84	125748	25.253	ng/u1	0.00
7) Phenol-d5	6.805	99	192492	30.969	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	113852	30.153	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	141293	31.799	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	154639	30.773	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	73211	30.783	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	87056	31.964	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	165611	33.322	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	205017	29.473	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	554458	33.573	ng/u1	-0.01
49) Acenaphthylene-d8	13.969	160	588579	32.262	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.534	143	83811	33.019	ng/u1	-0.01
60) Fluorene-d10	15.304	176	455513	33.068	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.463	200	97288	29.778	ng/u1	-0.01
73) Anthracene-d10	17.228	188	760594	34.149	ng/u1	-0.01
81) Pyrene-d10	19.633	212	944112	30.726	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	862201	34.403	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	28976	14.900	ng/uL	91
5) Pyridine	3.634	79	195245	38.766	ng/u1	96
6) Benzaldehyde	6.793	77	165649	53.021	ng/u1	97
8) Phenol	6.834	94	275564	42.954	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.064	93	205533	40.943	ng/u1	96
12) 2-Chlorophenol	7.193	128	203508	43.867	ng/u1	96
13) 2-Methylphenol	8.063	108	209403	43.760	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	258261	41.242	ng/u1	98
16) Acetophenone	8.446	105	352848	42.307	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.428	70	197587	43.656	ng/u1	97
18) 4-Methylphenol	8.393	108	233167	44.830	ng/u1	97
19) Hexachloroethane	8.669	117	87311	41.155	ng/u1	95
22) Nitrobenzene	8.822	77	286306	41.934	ng/u1	98
23) Isophorone	9.346	82	546112	41.598	ng/u1	99
25) 2-Nitrophenol	9.522	139	128367	45.502	ng/u1	98
26) 2,4-Dimethylphenol	9.581	107	275906	44.828	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	295896	40.655	ng/u1	100
29) 2,4-Dichlorophenol	10.057	162	226703	46.894	ng/u1	99
30) Naphthalene	10.440	128	683765	41.768	ng/u1	100
32) 4-Chloroaniline	10.569	127	264045	38.818	ng/u1	97
33) Hexachlorobutadiene	10.704	225	155355	41.374	ng/u1	98
34) Caprolactam	11.387	113	80797	47.866	ng/u1	95
35) 4-Chloro-3-methylphenol	11.704	107	283429	47.088	ng/u1	97
36) 2-Methylnaphthalene	12.063	142	495713	43.520	ng/u1	96

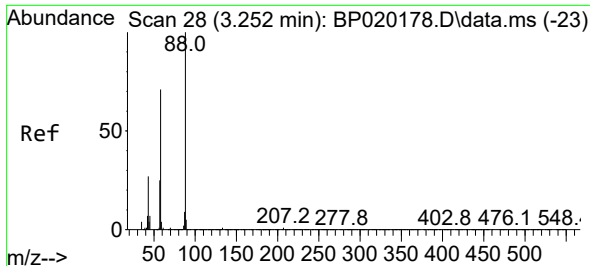
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	511907	44.660	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	303190	42.987	ng/ul	97
40) Hexachlorocyclopentadiene	12.399	237	130100	33.917	ng/ul	95
41) 2,4,6-Trichlorophenol	12.693	196	200506	45.332	ng/ul	96
42) 2,4,5-Trichlorophenol	12.775	196	220215	46.269	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	675157	42.209	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	528656	41.651	ng/ul	97
45) 2-Nitroaniline	13.369	65	198372	47.118	ng/ul	94
47) Dimethylphthalate	13.751	163	727570	43.615	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	152024	45.842	ng/ul	97
50) Acenaphthylene	14.004	152	874856	42.635	ng/ul	98
51) 3-Nitroaniline	14.222	138	141406	45.718	ng/ul	95
52) Acenaphthene	14.351	153	582031	42.208	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	97555	47.926	ng/ul	96
55) 4-Nitrophenol	14.551	109	131973	49.940	ng/ul	89
56) Dibenzofuran	14.698	168	835400	44.049	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	232866	48.841	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.934	232	202990	47.495	ng/ul	98
59) Diethylphthalate	15.151	149	738159	44.329	ng/ul	100
61) Fluorene	15.363	166	695932	44.163	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.363	204	372349	44.539	ng/ul	96
63) 4-Nitroaniline	15.422	138	140617	54.553	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.475	198	155447	45.630	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	609117	42.491	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	239864	43.012	ng/ul	96
69) Hexachlorobenzene	16.387	284	275107	42.592	ng/ul	99
70) Atrazine	16.592	200	256516	50.465	ng/ul	98
71) Pentachlorophenol	16.757	266	176352	45.171	ng/ul	99
72) Phenanthrene	17.169	178	1125302	42.839	ng/ul	99
74) Anthracene	17.263	178	1146237	42.902	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	296407	38.737	ng/uL	97
76) Pentachlorobenzene	14.610	250	316458	41.328	ng/uL	99
77) Carbazole	17.563	167	1058182	45.976	ng/ul	99
78) Di-n-butylphthalate	18.157	149	1301484	46.651	ng/ul	100
80) Fluoranthene	19.286	202	1427934	39.489	ng/ul	100
82) Pyrene	19.663	202	1494583	39.724	ng/ul	100
83) Butylbenzylphthalate	20.639	149	625056	43.764	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.533	252	419156	39.181	ng/ul	98
85) Benzo(a)anthracene	21.598	228	1514011	42.466	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.551	149	889091	43.151	ng/ul	98
87) Chrysene	21.669	228	1415175	42.827	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	1480704	44.606	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	1389382	45.061	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	1430829	45.536	ng/ul	100
93) Benzo(a)pyrene	24.821	252	1145182	39.034	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.786	276	1372282	38.156	ng/ul	98
95) Dibenzo(a,h)anthracene	28.868	278	1116356	37.528	ng/ul	98
96) Benzo(g,h,i)perylene	29.956	276	1049638	36.186	ng/ul	98

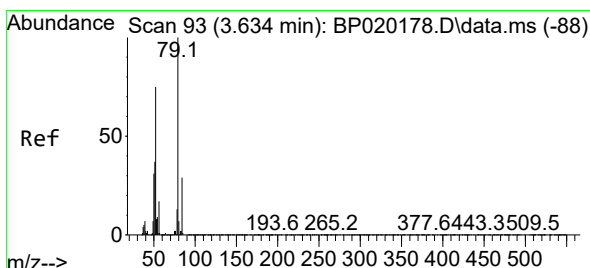
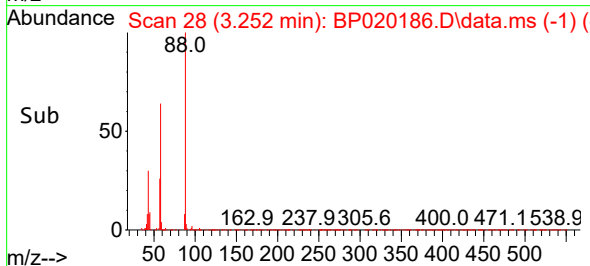
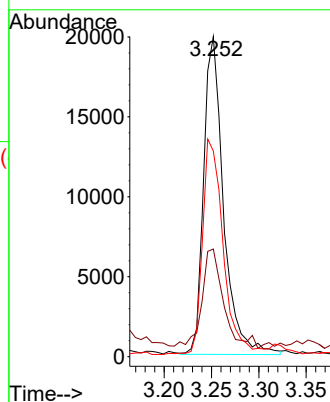
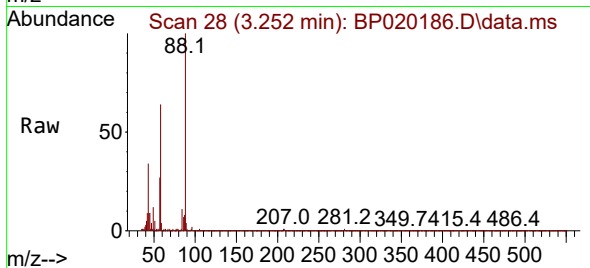
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#2
 1,4-Dioxane
 Concen: 14.900 ng/uL
 RT: 3.252 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: BP020186.D
 Acq: 03 May 2024 22:11

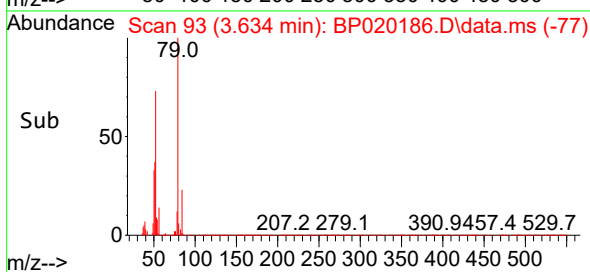
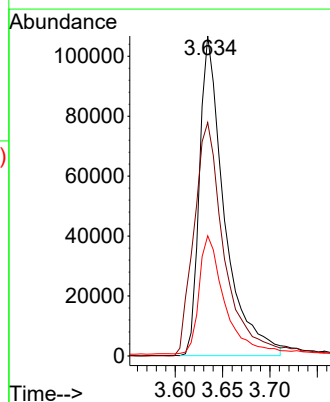
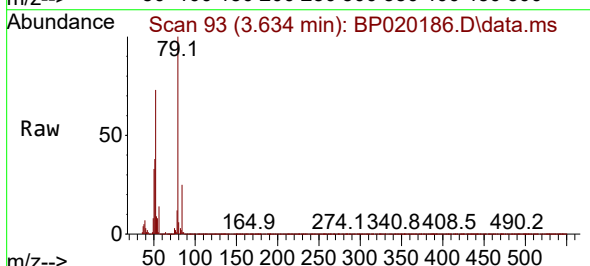
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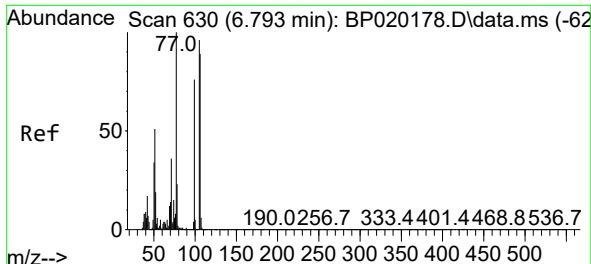
Tgt Ion:	88	Resp:	28976
Ion	Ratio	Lower	Upper
88	100		
43	33.7	23.9	35.9
58	64.3	58.2	87.4



#5
 Pyridine
 Concen: 38.766 ng/uL
 RT: 3.634 min Scan# 93
 Delta R.T. -0.006 min
 Lab File: BP020186.D
 Acq: 03 May 2024 22:11

Tgt Ion:	79	Resp:	195245
Ion	Ratio	Lower	Upper
79	100		
52	73.0	60.7	91.1
51	37.6	33.1	49.7

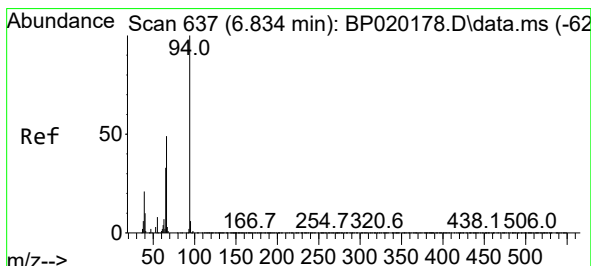
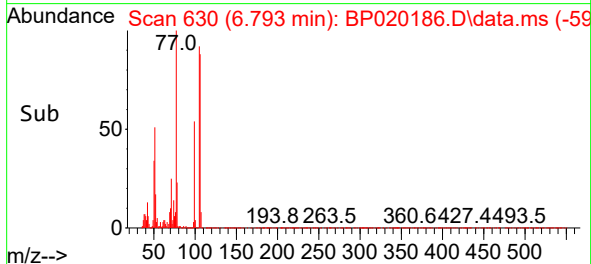
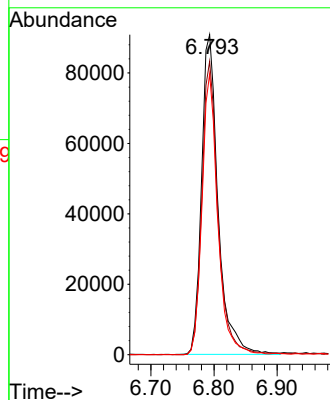
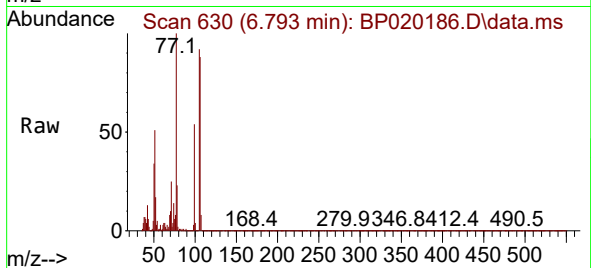




#6
Benzaldehyde
Concen: 53.021 ng/ul
RT: 6.793 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

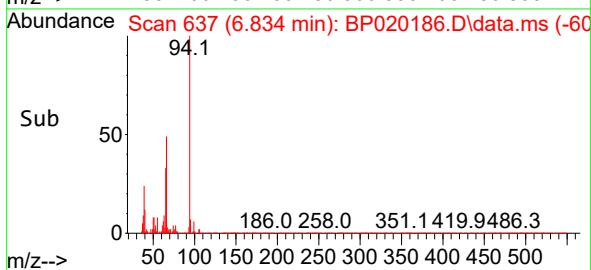
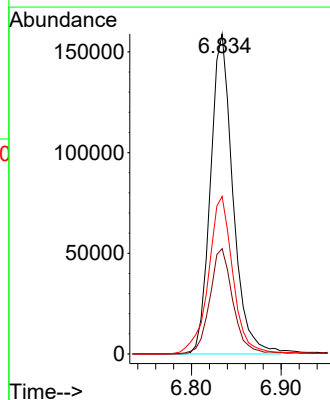
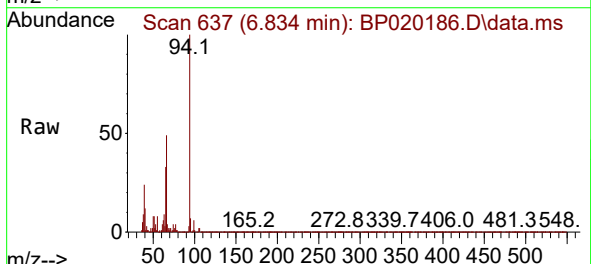
Instrument :
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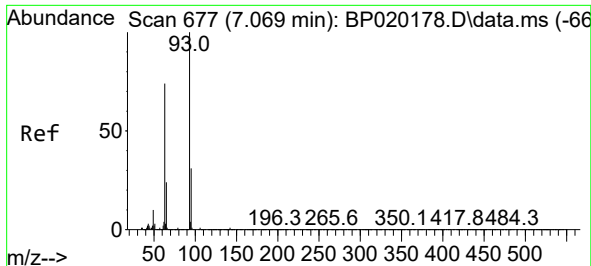
Tgt Ion: 77 Resp: 165649
Ion Ratio Lower Upper
77 100
105 91.7 75.4 113.2
106 87.7 68.2 102.2



#8
Phenol
Concen: 42.954 ng/ul
RT: 6.834 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion: 94 Resp: 275564
Ion Ratio Lower Upper
94 100
65 32.9 26.1 39.1
66 49.3 38.6 57.8

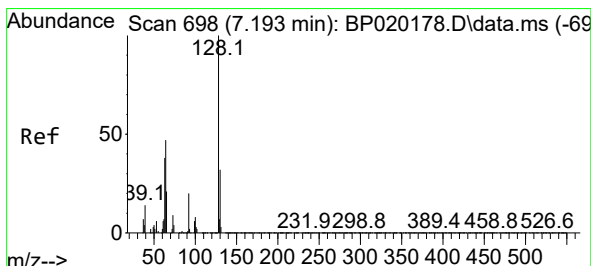
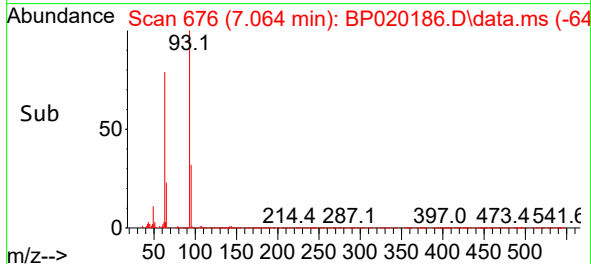
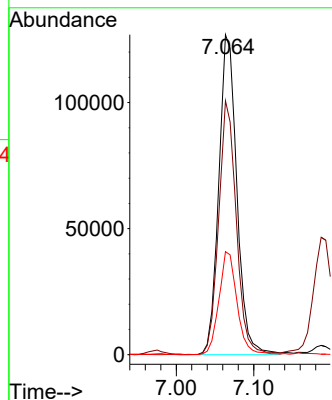
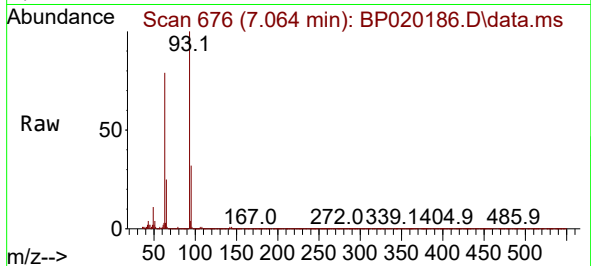




#10
Bis(2-Chloroethyl)ether
Concen: 40.943 ng/ul
RT: 7.064 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

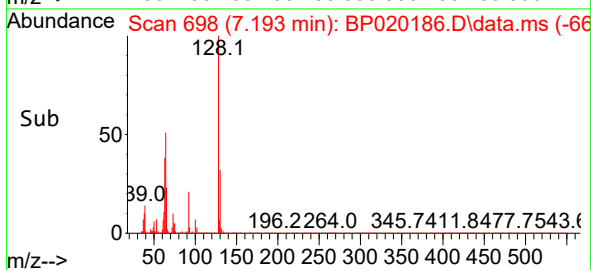
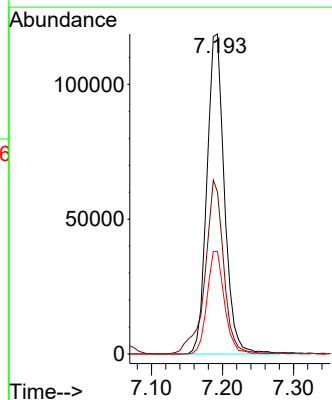
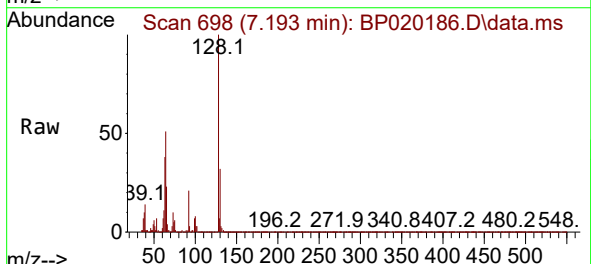
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ClientSampleId :
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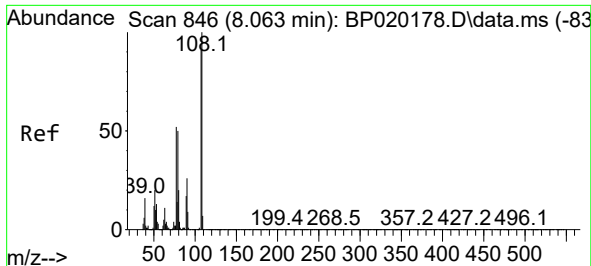
Tgt Ion: 93 Resp: 205533
Ion Ratio Lower Upper
93 100
63 79.4 59.5 89.3
95 32.2 25.3 37.9



#12
2-Chlorophenol
Concen: 43.867 ng/ul
RT: 7.193 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:128 Resp: 203508
Ion Ratio Lower Upper
128 100
64 50.7 43.8 65.6
130 32.1 26.5 39.7





#13

2-Methylphenol

Concen: 43.760 ng/ul

RT: 8.063 min Scan# 846

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

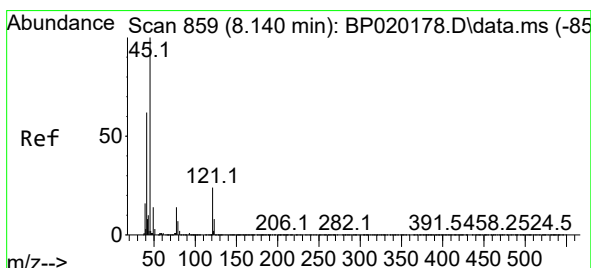
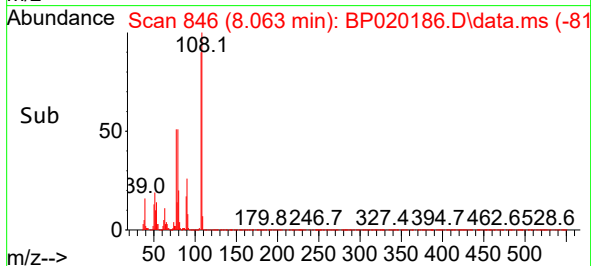
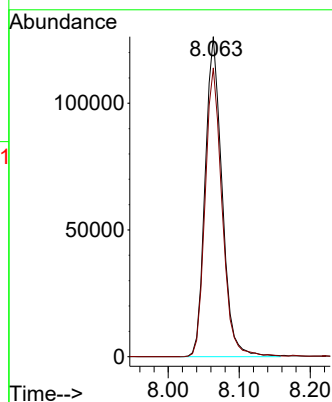
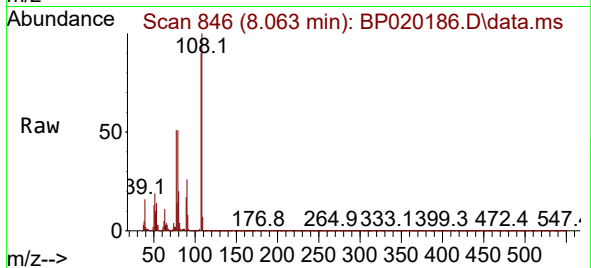
E08Q3MS

Tgt Ion:108 Resp: 209403

Ion Ratio Lower Upper

108 100

107 90.2 73.0 109.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 41.242 ng/ul

RT: 8.140 min Scan# 859

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

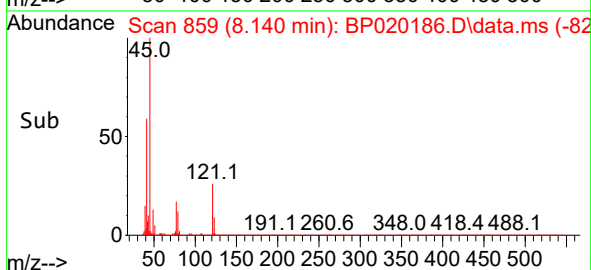
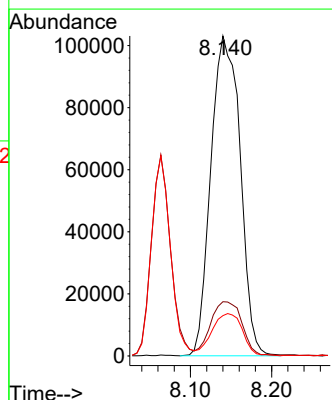
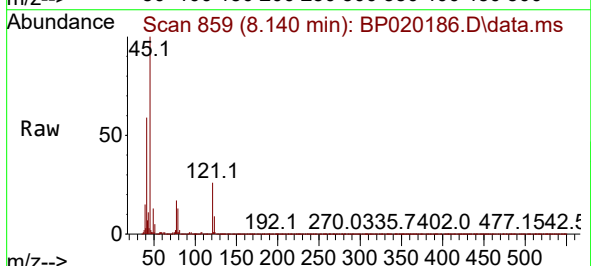
Tgt Ion: 45 Resp: 258261

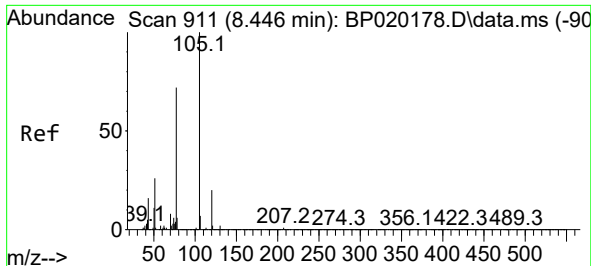
Ion Ratio Lower Upper

45 100

77 16.9 13.8 20.8

79 12.6 10.9 16.3

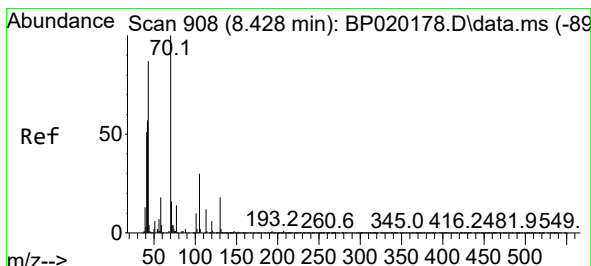
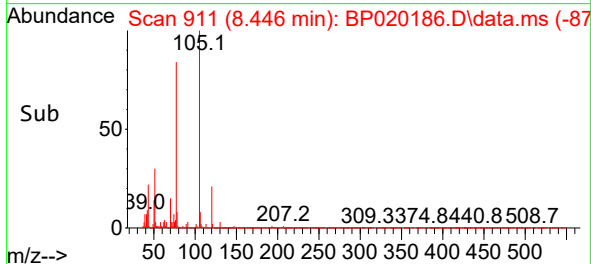
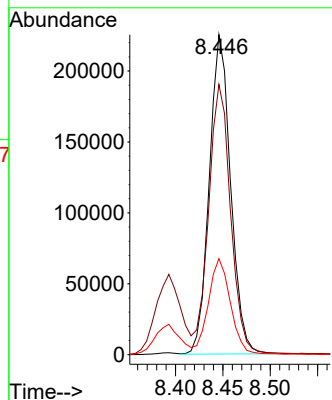
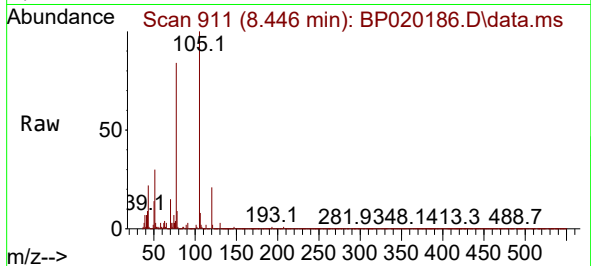




#16
Acetophenone
Concen: 42.307 ng/ul
RT: 8.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

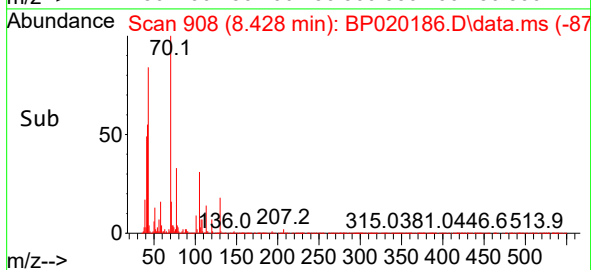
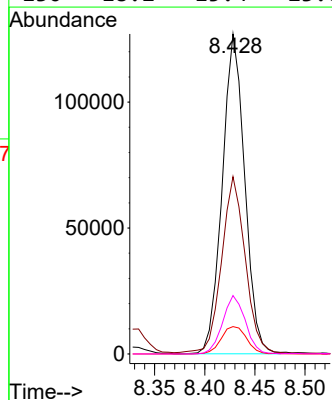
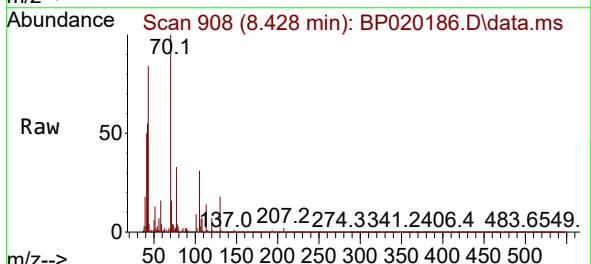
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BNA_P
ClientSampleId :
E08Q3MS

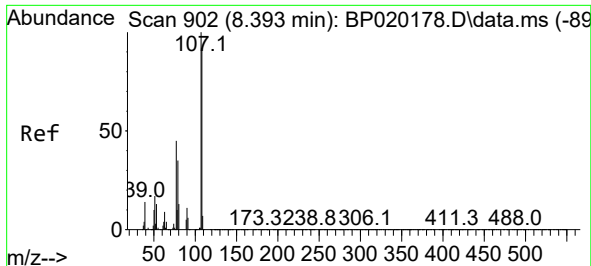
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Ion Ratio Lower Upper
105 100
77 84.4 66.4 99.6
51 30.0 23.9 35.9



#17
N-Nitroso-di-n-propylamine
Concen: 43.656 ng/ul
RT: 8.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion: 70 Resp: 197587
Ion Ratio Lower Upper
70 100
42 55.4 46.2 69.4
101 8.6 7.8 11.6
130 18.2 15.4 23.0

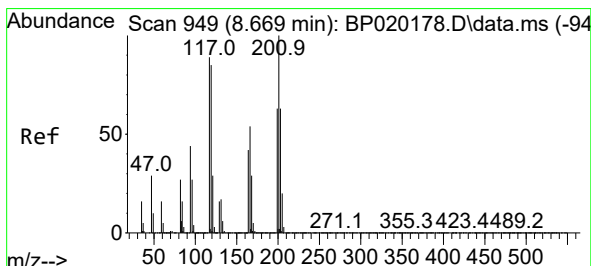
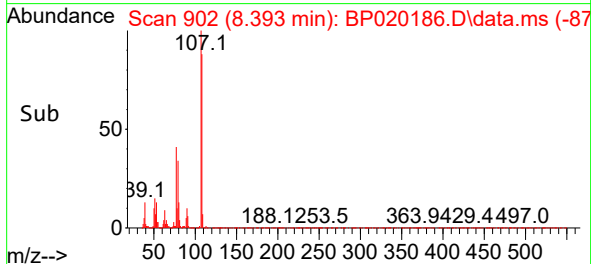
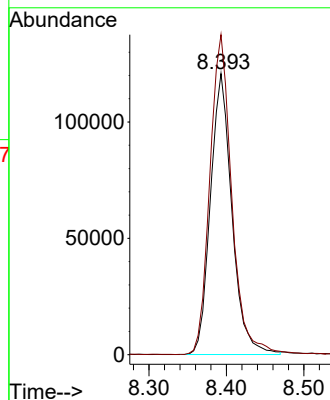
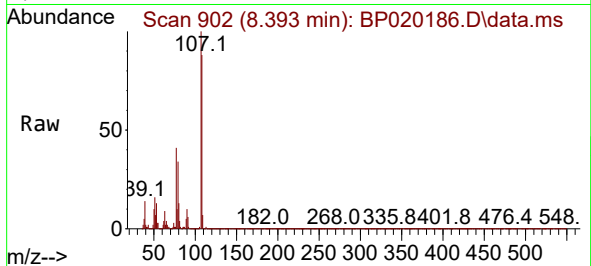




#18
4-Methylphenol
Concen: 44.830 ng/ul
RT: 8.393 min Scan# 902
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

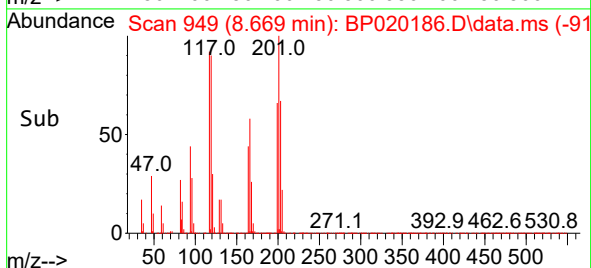
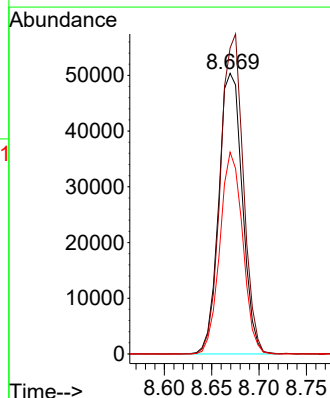
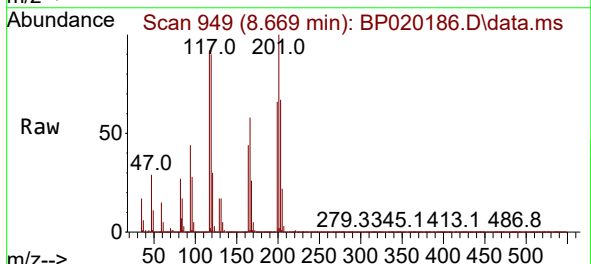
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

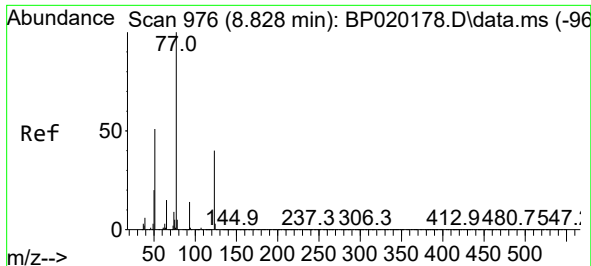
Tgt Ion:108 Resp: 233167
Ion Ratio Lower Upper
108 100
107 113.8 88.2 132.2



#19
Hexachloroethane
Concen: 41.155 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:117 Resp: 87311
Ion Ratio Lower Upper
117 100
201 109.0 84.0 126.0
199 71.9 53.4 80.2

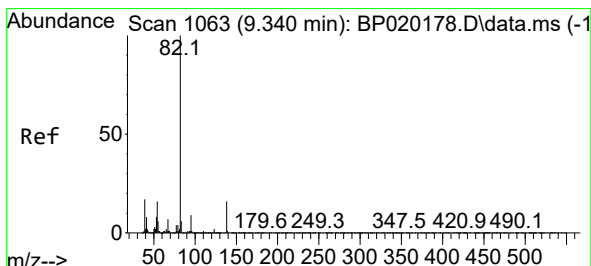
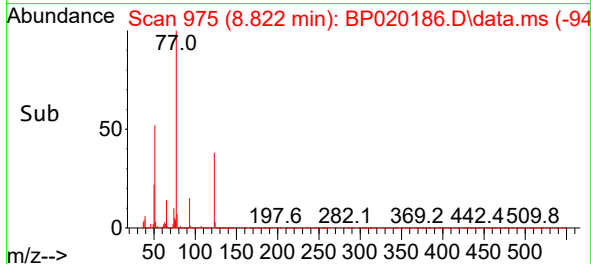
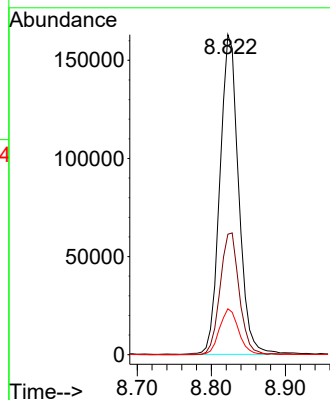
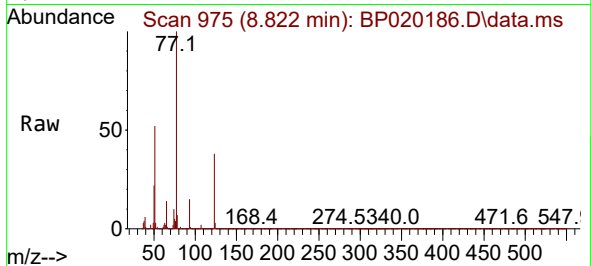




#22
Nitrobenzene
Concen: 41.934 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

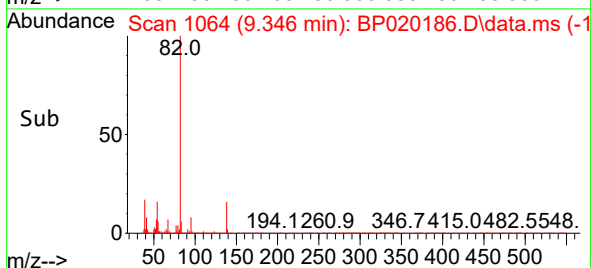
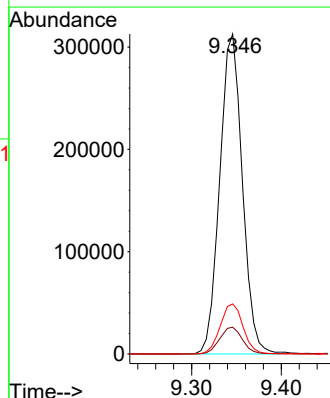
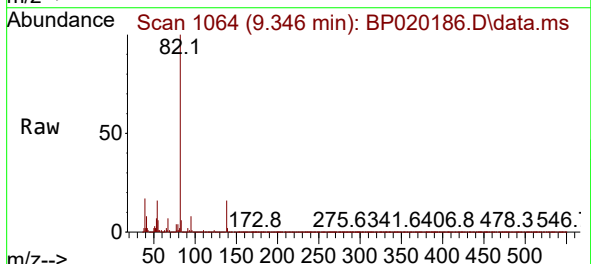
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

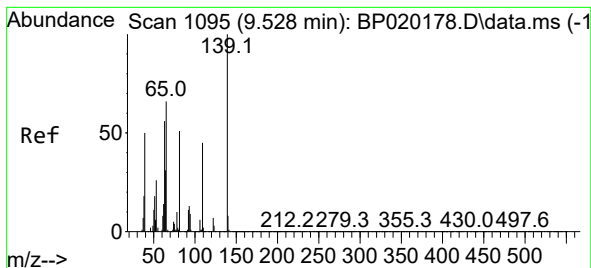
Tgt Ion: 77 Resp: 286306
Ion Ratio Lower Upper
77 100
123 37.7 31.4 47.2
65 14.4 11.4 17.2



#23
Isophorone
Concen: 41.598 ng/ul
RT: 9.346 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion: 82 Resp: 546112
Ion Ratio Lower Upper
82 100
95 8.4 6.6 9.8
138 15.6 12.9 19.3

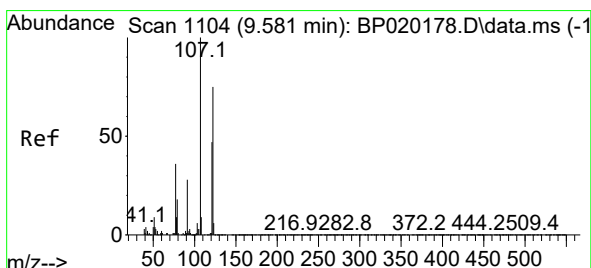
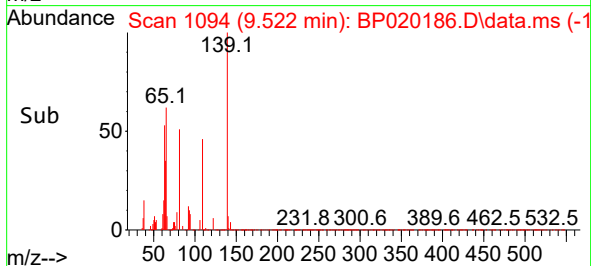
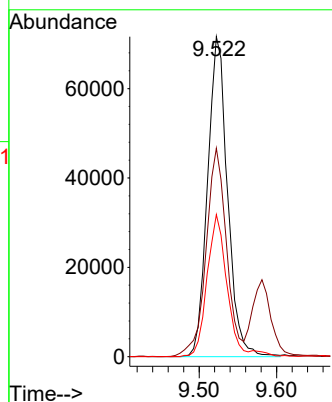
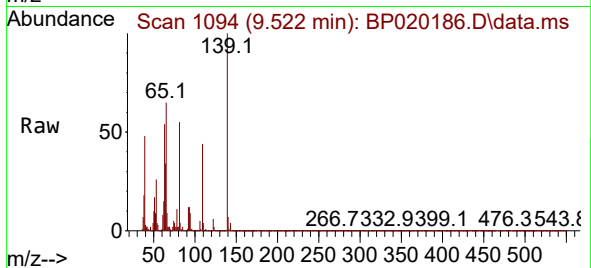




#25
2-Nitrophenol
Concen: 45.502 ng/ul
RT: 9.522 min Scan# 1094
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

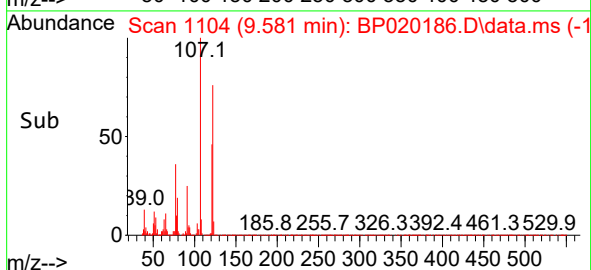
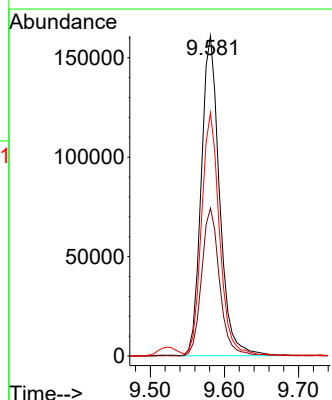
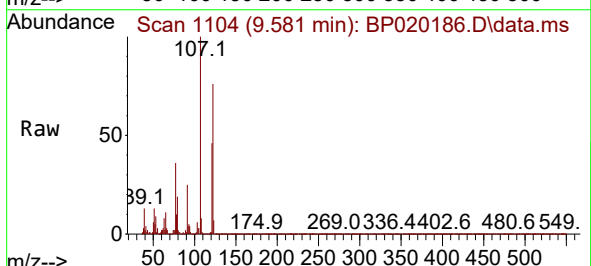
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

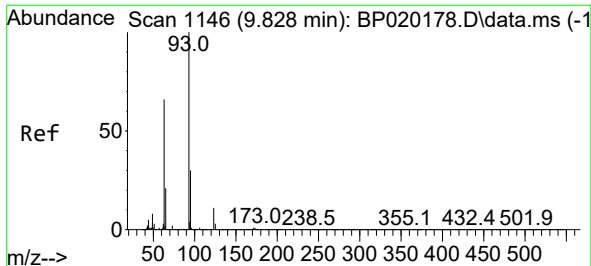
Tgt Ion:	139	Resp:	128367
Ion	Ratio	Lower	Upper
139	100		
65	65.2	53.8	80.6
109	44.4	35.3	52.9



#26
2,4-Dimethylphenol
Concen: 44.828 ng/ul
RT: 9.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:	107	Resp:	275906
Ion	Ratio	Lower	Upper
107	100		
121	46.2	36.0	54.0
122	76.1	59.4	89.2





#27

Bis(2-Chloroethoxy)methane

Concen: 40.655 ng/ul

RT: 9.822 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

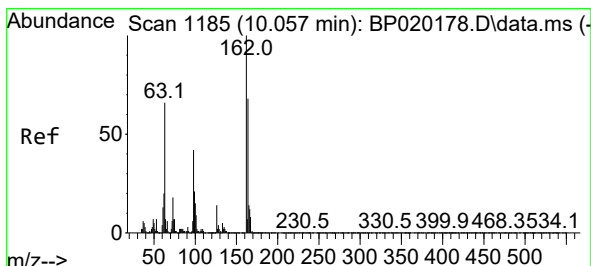
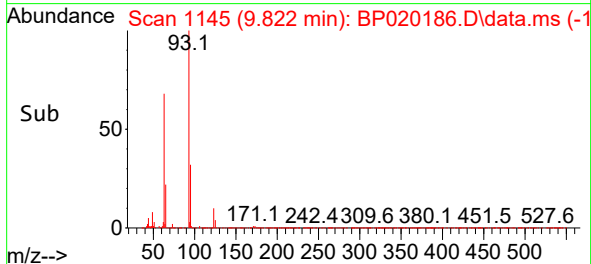
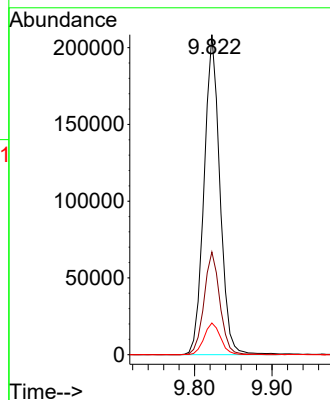
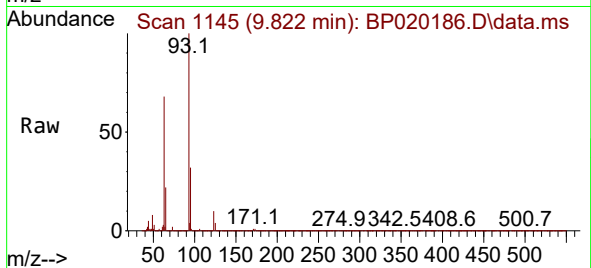
Tgt Ion: 93 Resp: 295896

Ion Ratio Lower Upper

93 100

95 32.1 25.6 38.4

123 9.9 8.3 12.5



#29

2,4-Dichlorophenol

Concen: 46.894 ng/ul

RT: 10.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

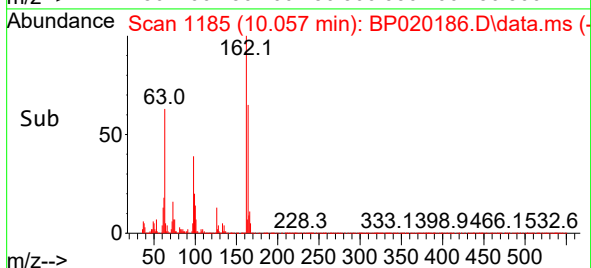
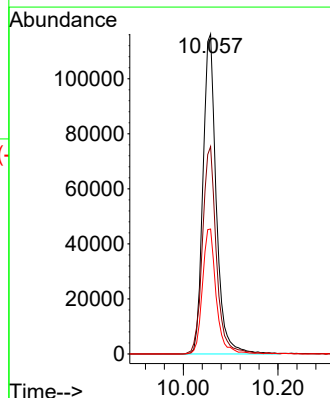
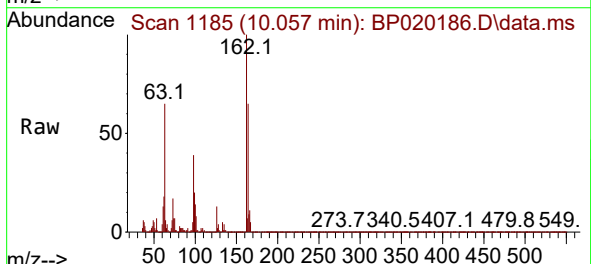
Tgt Ion:162 Resp: 226703

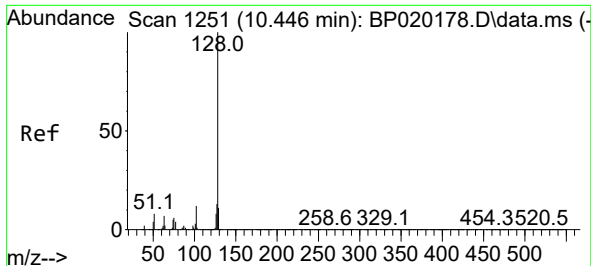
Ion Ratio Lower Upper

162 100

164 64.8 53.1 79.7

98 39.0 31.4 47.2

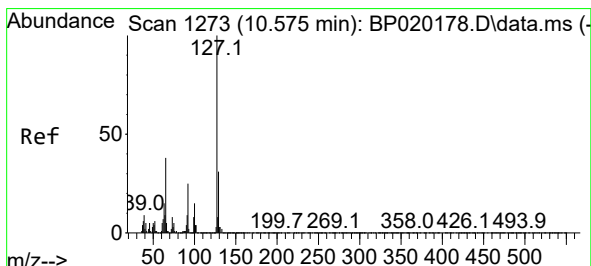
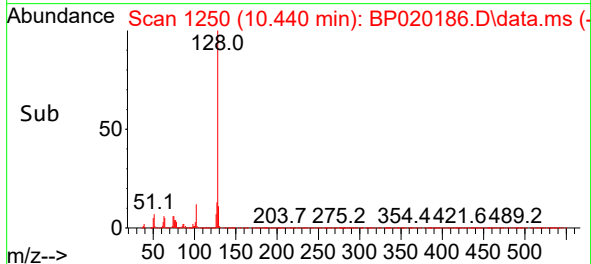
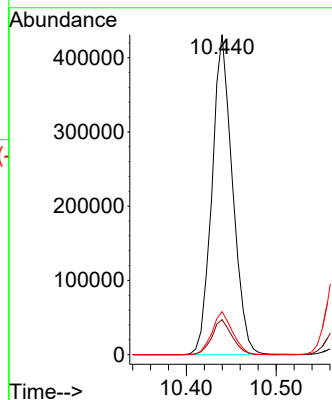
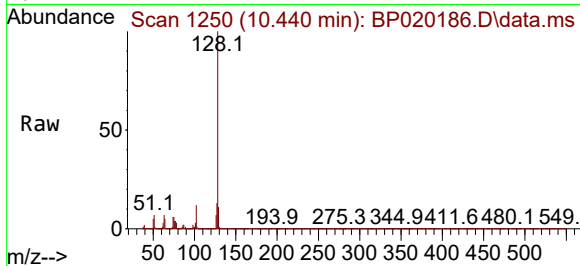




#30
Naphthalene
Concen: 41.768 ng/ul
RT: 10.440 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

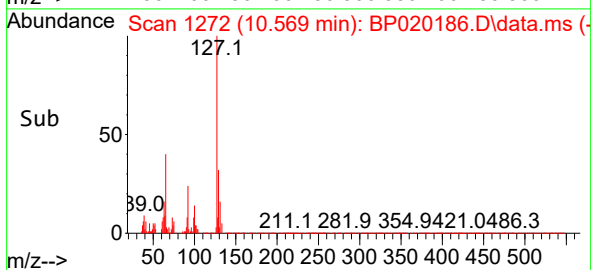
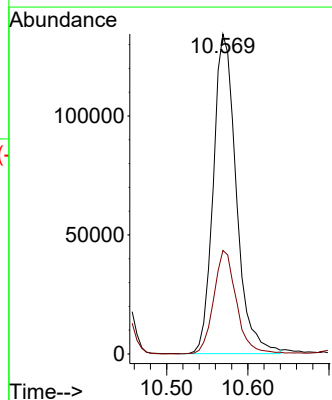
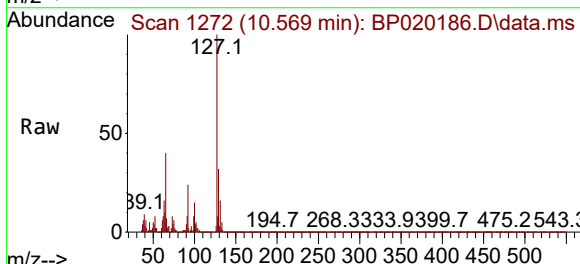
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

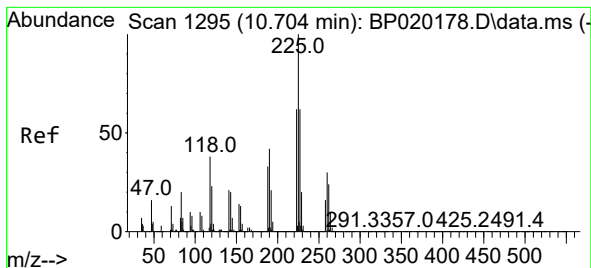
Tgt Ion:128 Resp: 683765
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.6 16.0



#32
4-Chloroaniline
Concen: 38.818 ng/ul
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:127 Resp: 264045
Ion Ratio Lower Upper
127 100
129 32.4 24.8 37.2





#33

Hexachlorobutadiene

Concen: 41.374 ng/ul

RT: 10.704 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

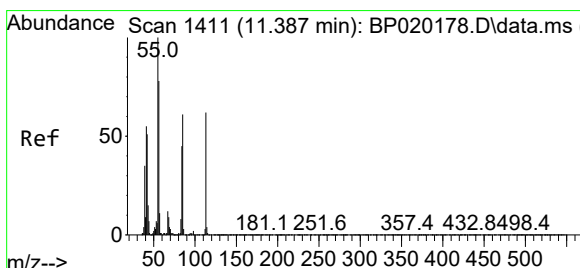
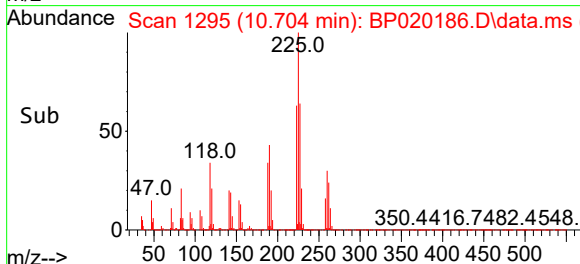
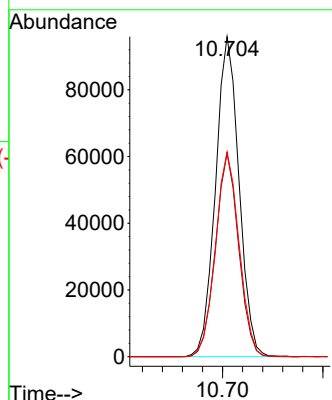
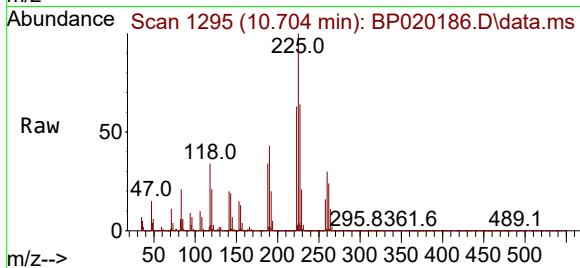
Tgt Ion:225 Resp: 155355

Ion Ratio Lower Upper

225 100

223 63.4 53.2 79.8

227 64.0 51.4 77.0



#34

Caprolactam

Concen: 47.866 ng/ul

RT: 11.387 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

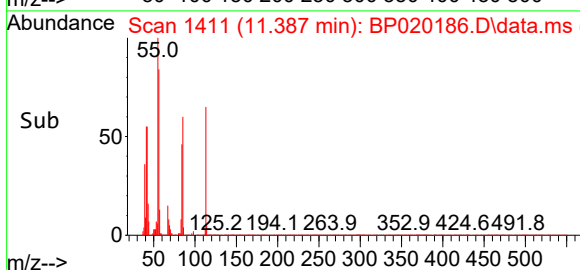
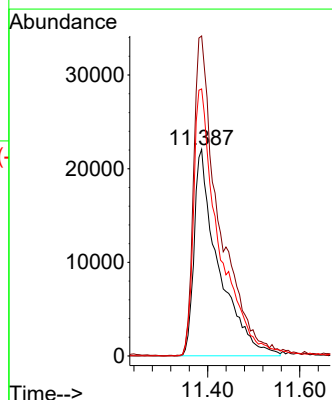
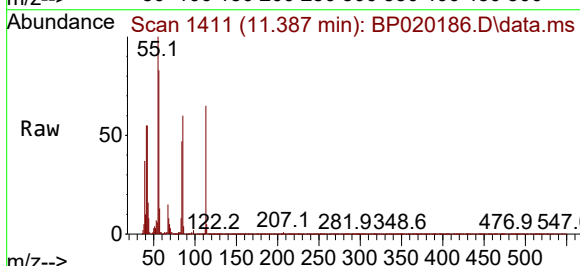
Tgt Ion:113 Resp: 80797

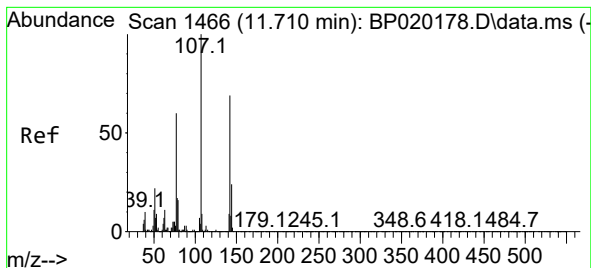
Ion Ratio Lower Upper

113 100

55 155.0 131.0 196.6

56 129.3 105.4 158.2

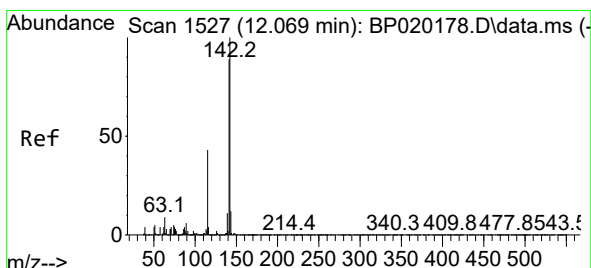
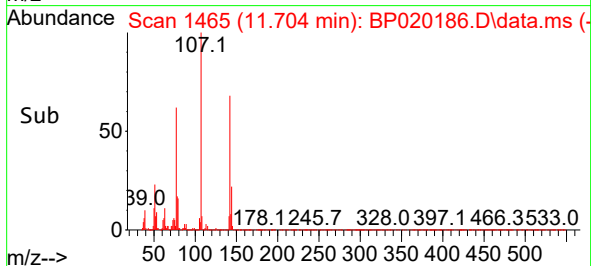
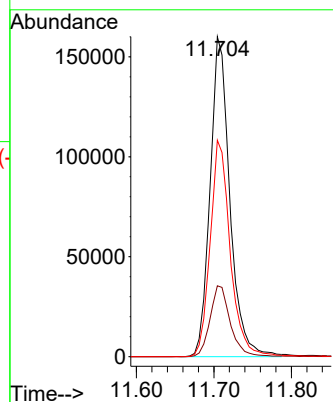
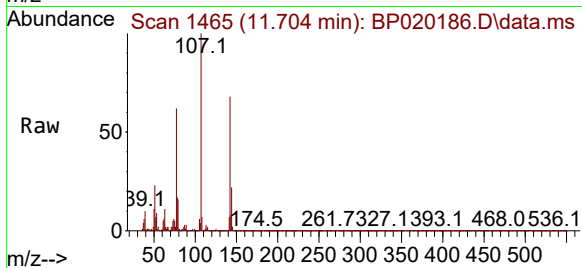




#35
4-Chloro-3-methylphenol
Concen: 47.088 ng/ul
RT: 11.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

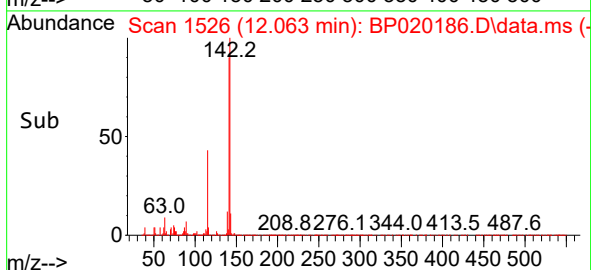
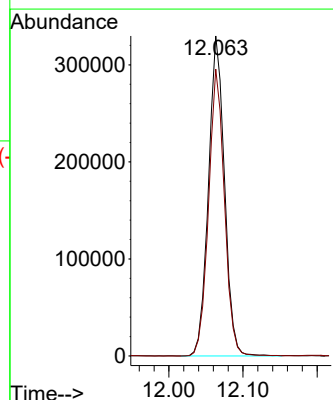
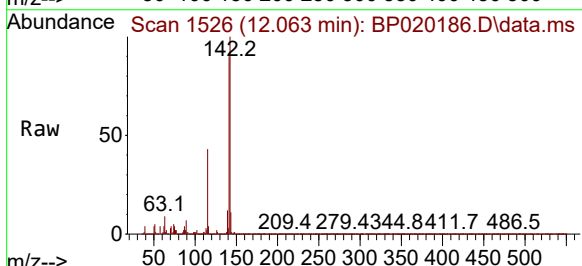
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

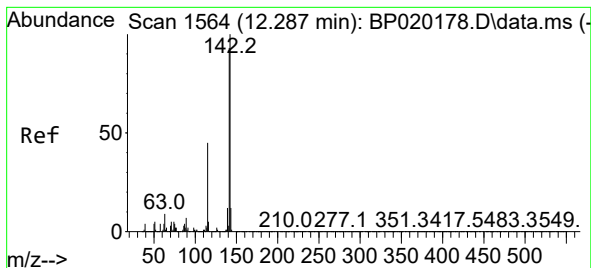
Tgt Ion:107 Resp: 283429
Ion Ratio Lower Upper
107 100
144 22.2 18.3 27.5
142 67.7 56.6 84.8



#36
2-Methylnaphthalene
Concen: 43.520 ng/ul
RT: 12.063 min Scan# 1526
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:142 Resp: 495713
Ion Ratio Lower Upper
142 100
141 89.7 74.6 111.8





#37

1-Methylnaphthalene

Concen: 44.660 ng/ul

RT: 12.287 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

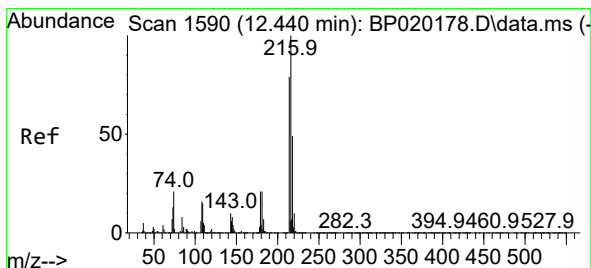
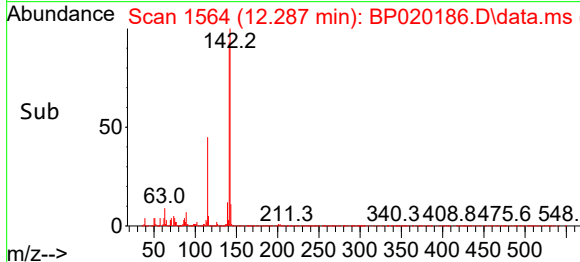
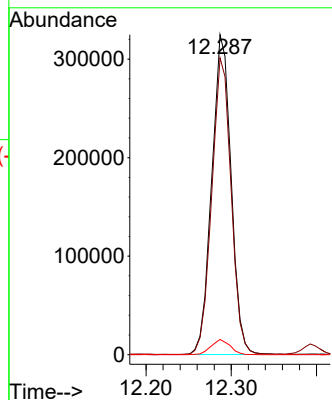
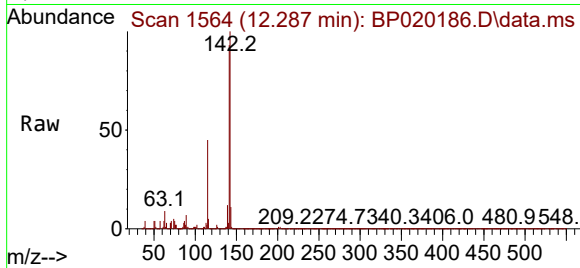
Tgt Ion:142 Resp: 511907

Ion Ratio Lower Upper

142 100

141 92.7 75.5 113.3

116 4.8 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.987 ng/ul

RT: 12.434 min Scan# 1589

Delta R.T. -0.011 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Tgt Ion:216 Resp: 303190

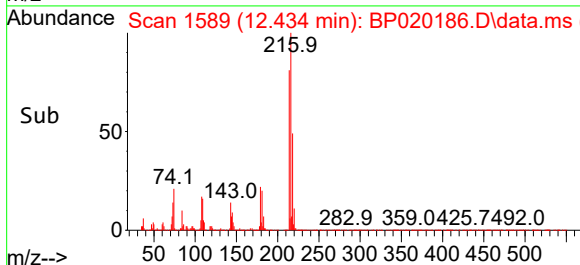
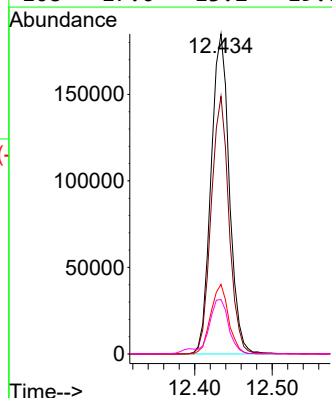
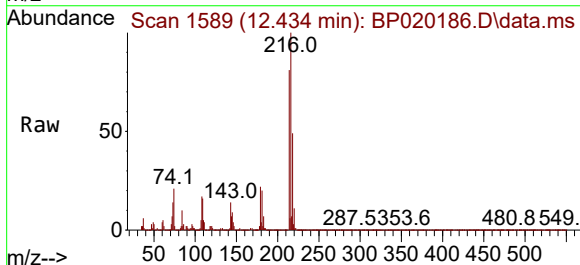
Ion Ratio Lower Upper

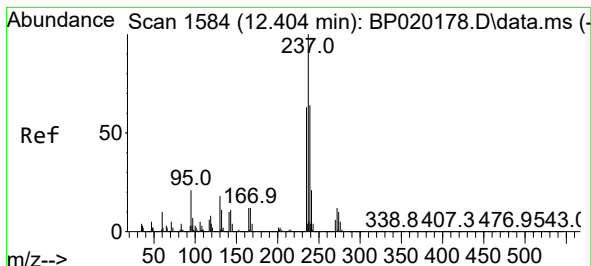
216 100

214 80.5 61.3 91.9

179 21.7 16.9 25.3

108 17.0 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 33.917 ng/ul

RT: 12.399 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

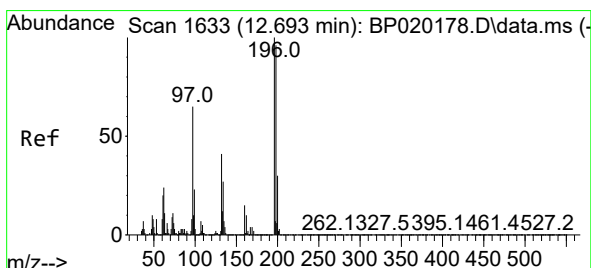
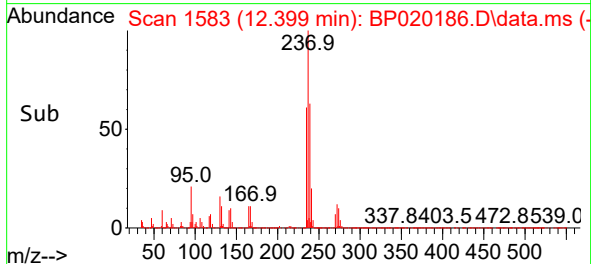
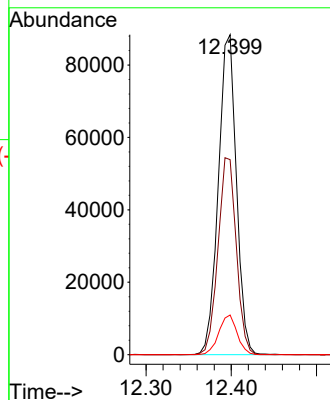
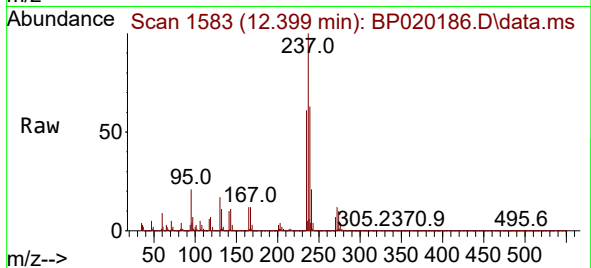
Tgt Ion:237 Resp: 130100

Ion Ratio Lower Upper

237 100

235 60.9 52.4 78.6

272 12.4 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 45.332 ng/ul

RT: 12.693 min Scan# 1633

Delta R.T. -0.011 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

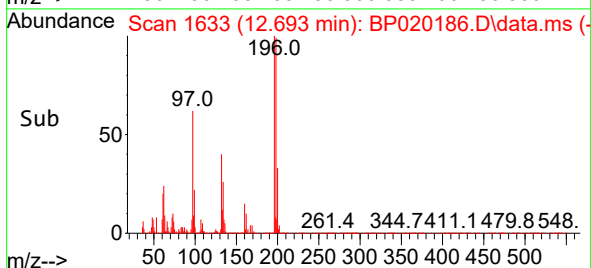
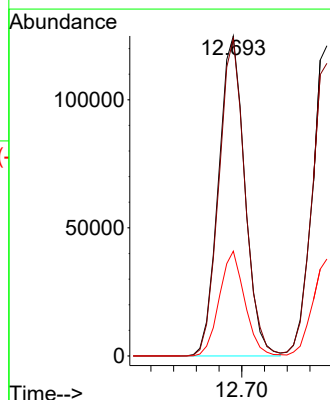
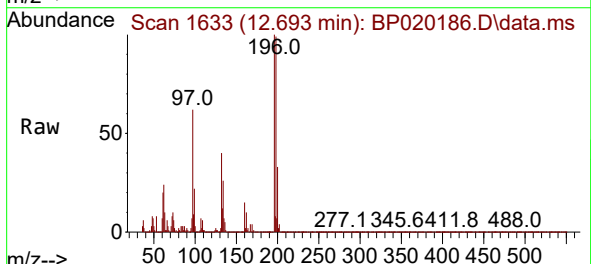
Tgt Ion:196 Resp: 200506

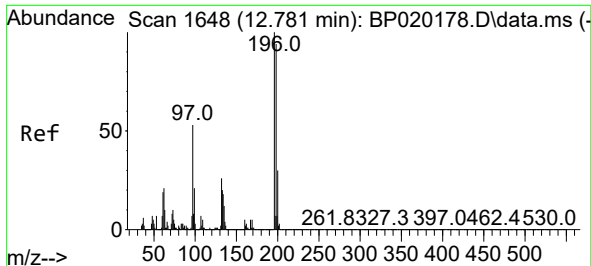
Ion Ratio Lower Upper

196 100

198 99.2 75.8 113.8

200 32.7 24.8 37.2

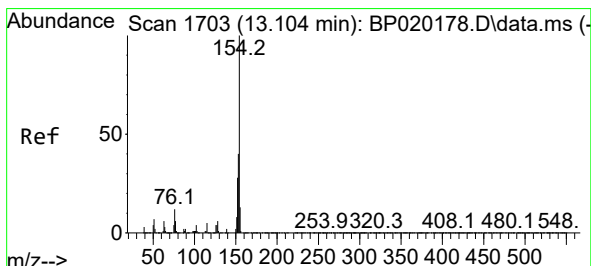
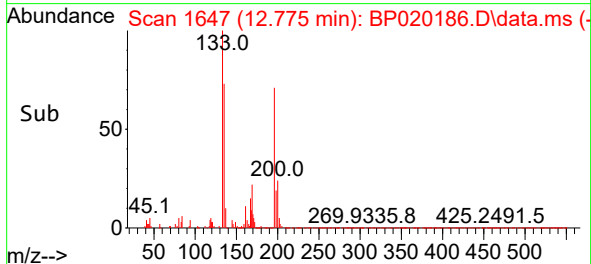
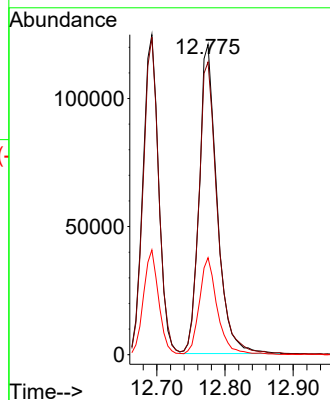
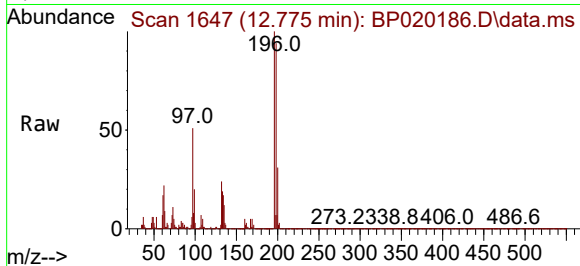




#42
2,4,5-Trichlorophenol
Concen: 46.269 ng/ul
RT: 12.775 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

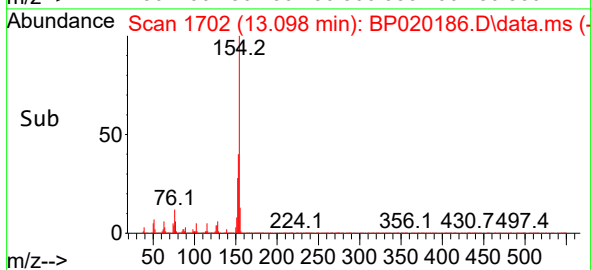
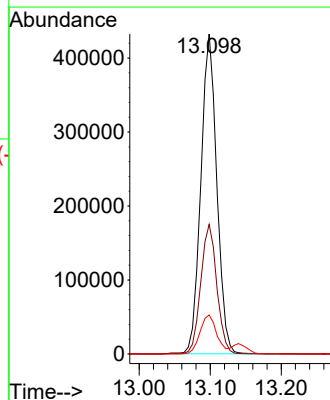
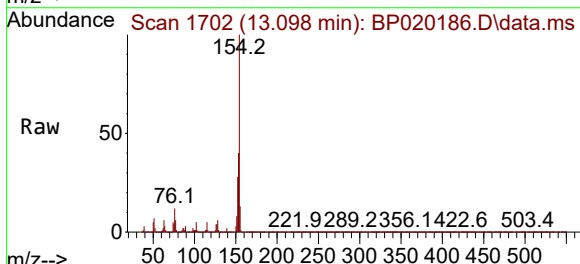
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

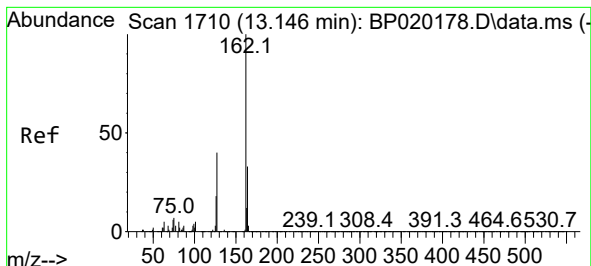
Tgt Ion:196 Resp: 220215
Ion Ratio Lower Upper
196 100
198 94.3 73.5 110.3
200 31.3 24.4 36.6



#43
1,1'-Biphenyl
Concen: 42.209 ng/ul
RT: 13.098 min Scan# 1702
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:154 Resp: 675157
Ion Ratio Lower Upper
154 100
153 40.5 33.1 49.7
76 12.2 9.7 14.5

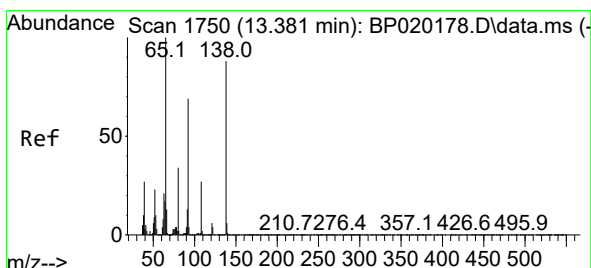
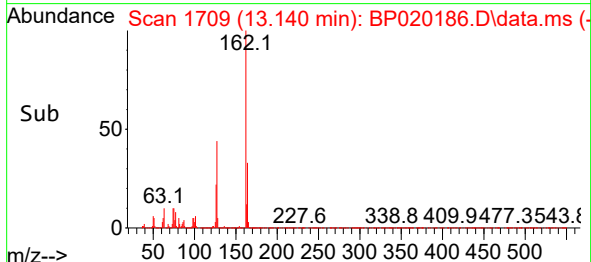
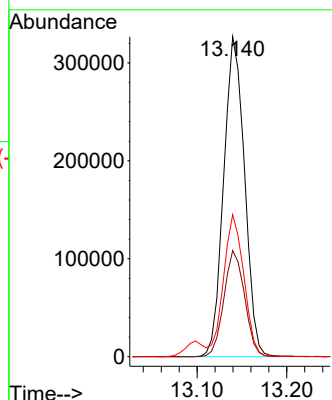
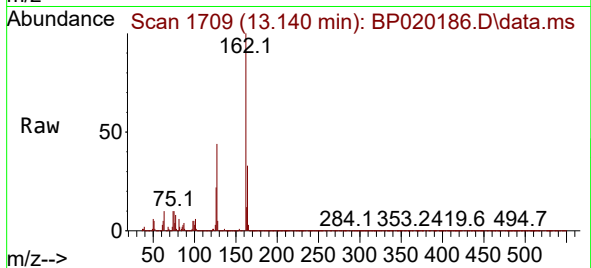




#44
2-Chloronaphthalene
Concen: 41.651 ng/ul
RT: 13.140 min Scan# 1710
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

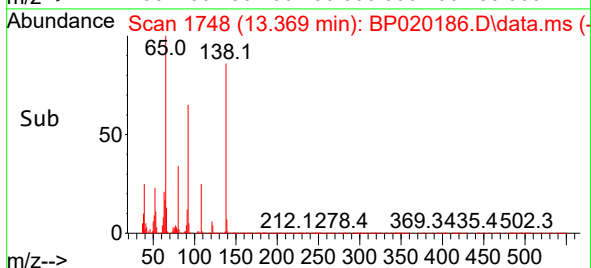
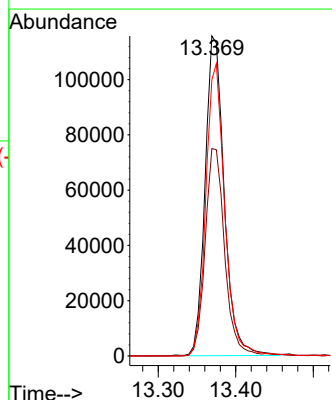
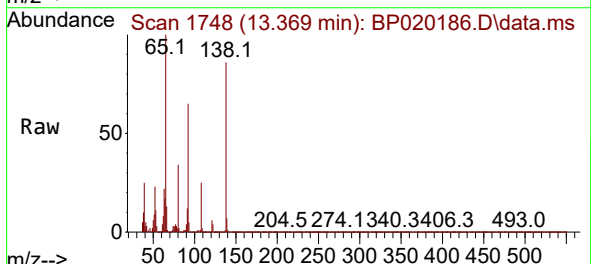
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

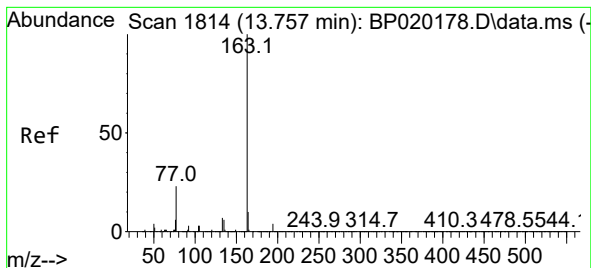
Tgt Ion:162 Resp: 528656
Ion Ratio Lower Upper
162 100
164 33.1 26.1 39.1
127 44.4 33.6 50.4



#45
2-Nitroaniline
Concen: 47.118 ng/ul
RT: 13.369 min Scan# 1748
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion: 65 Resp: 198372
Ion Ratio Lower Upper
65 100
92 64.8 55.6 83.4
138 86.3 73.1 109.7





#47

Dimethylphthalate

Concen: 43.615 ng/ul

RT: 13.751 min Scan# 1814

Delta R.T. -0.011 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

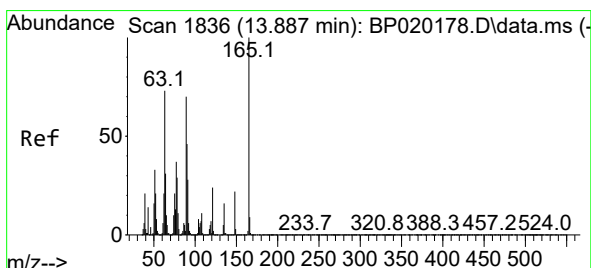
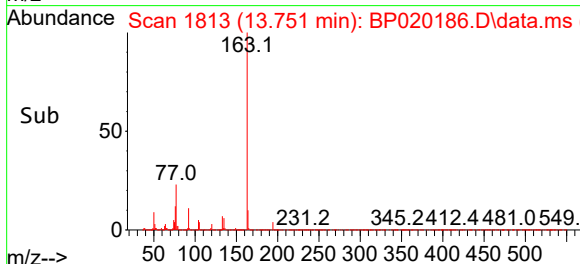
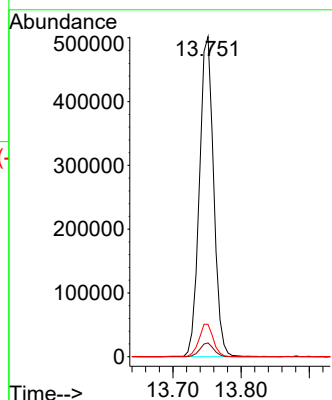
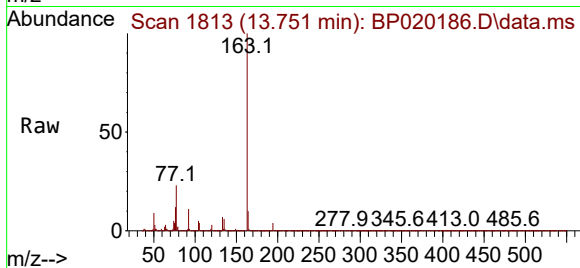
Tgt Ion:163 Resp: 727570

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.1 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 45.842 ng/ul

RT: 13.887 min Scan# 1836

Delta R.T. -0.011 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

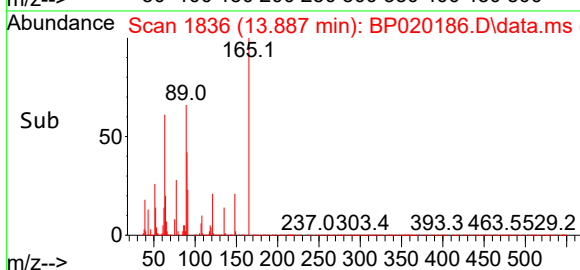
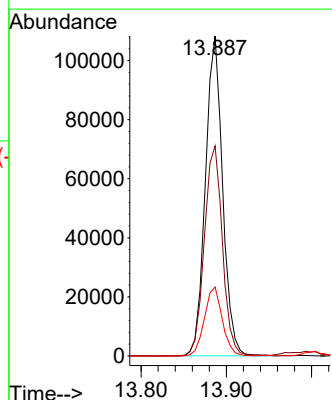
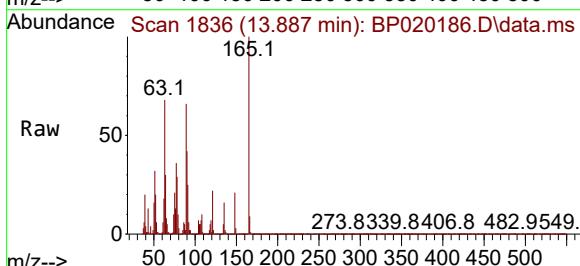
Tgt Ion:165 Resp: 152024

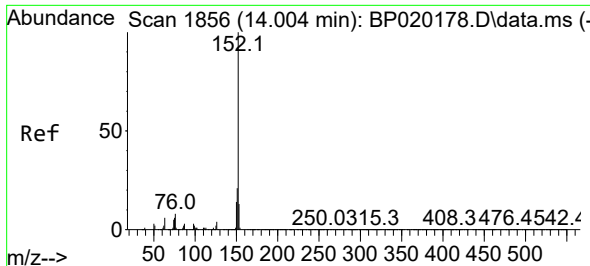
Ion Ratio Lower Upper

165 100

89 65.7 51.0 76.6

121 21.5 18.5 27.7

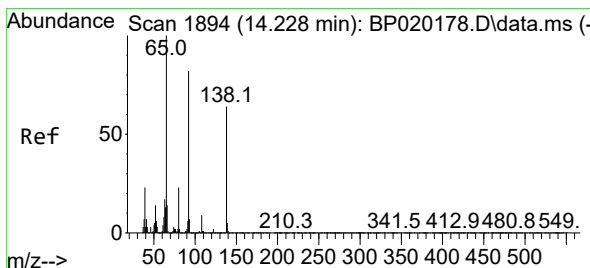
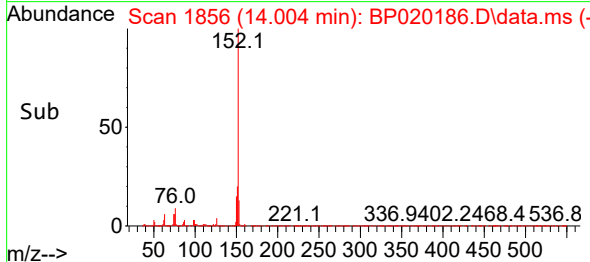
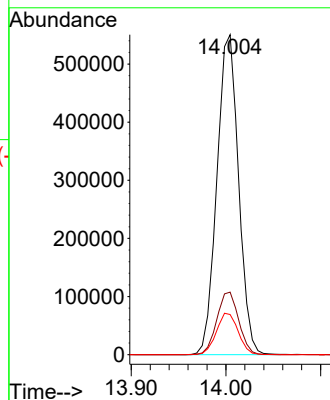
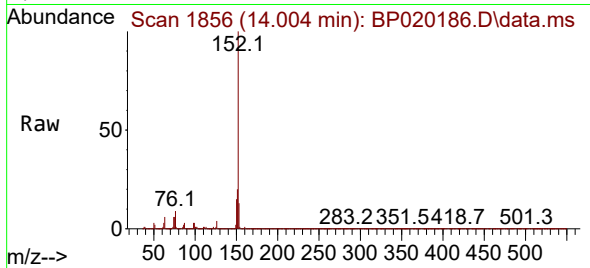




#50
Acenaphthylene
Concen: 42.635 ng/ul
RT: 14.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

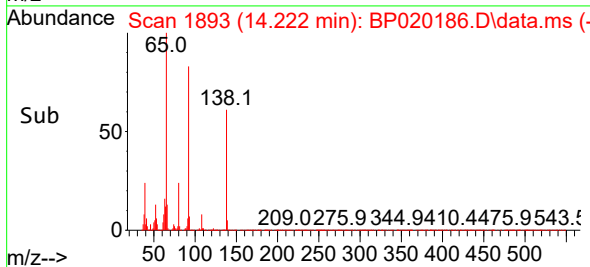
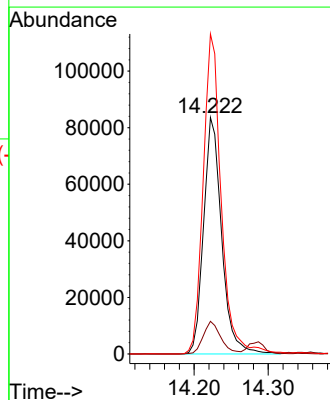
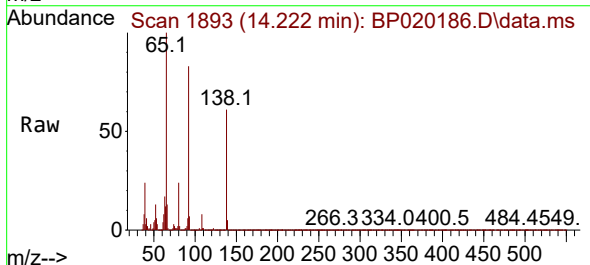
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

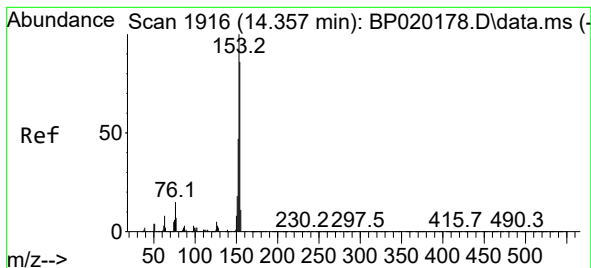
Tgt Ion:152 Resp: 874856
Ion Ratio Lower Upper
152 100
151 19.5 16.5 24.7
153 12.6 10.3 15.5



#51
3-Nitroaniline
Concen: 45.718 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. -0.017 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:138 Resp: 141406
Ion Ratio Lower Upper
138 100
108 13.8 10.8 16.2
92 135.3 103.3 154.9





#52

Acenaphthene

Concen: 42.208 ng/ul

RT: 14.351 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

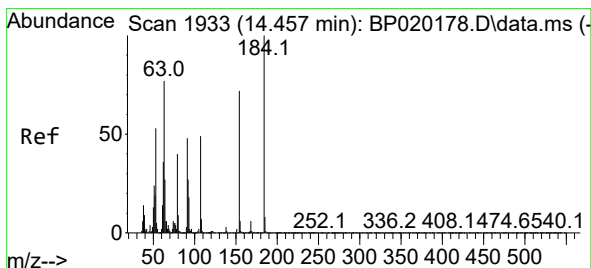
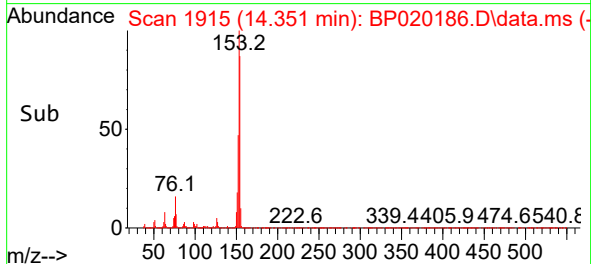
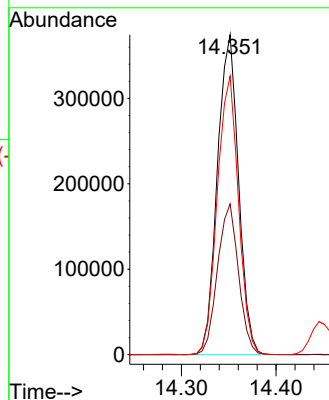
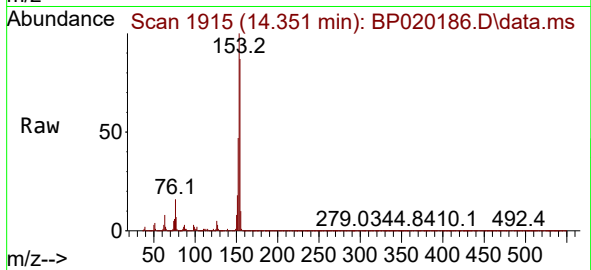
Tgt Ion:153 Resp: 582031

Ion Ratio Lower Upper

153 100

152 47.1 37.4 56.2

154 87.0 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 47.926 ng/ul

RT: 14.445 min Scan# 1931

Delta R.T. -0.011 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

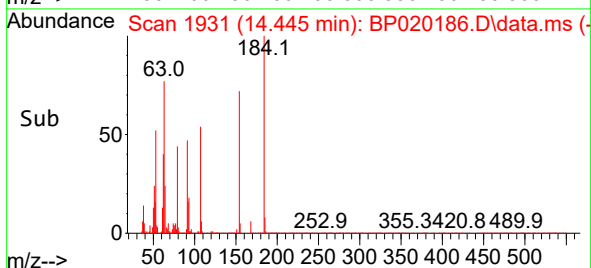
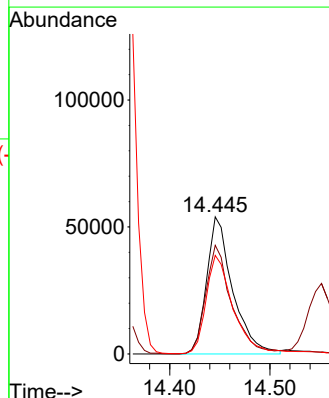
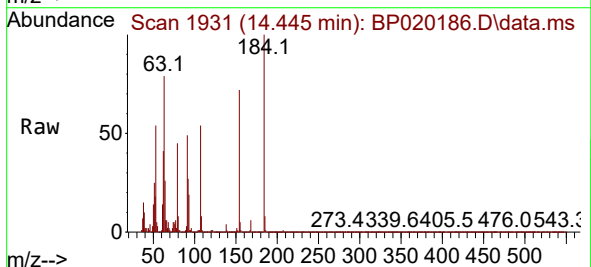
Tgt Ion:184 Resp: 97555

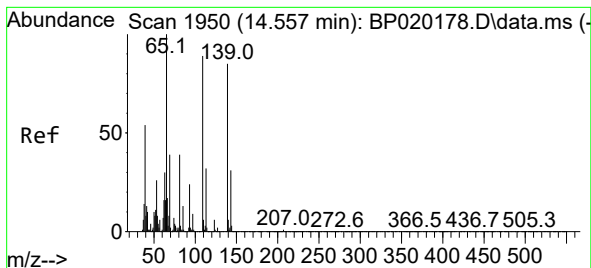
Ion Ratio Lower Upper

184 100

63 79.2 65.6 98.4

154 71.9 53.8 80.8

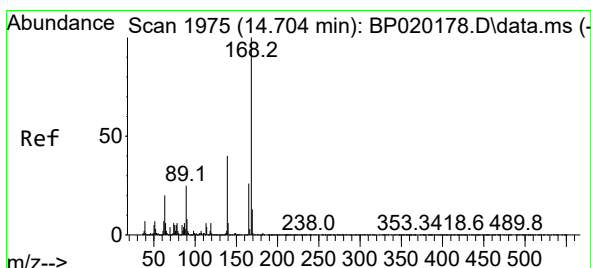
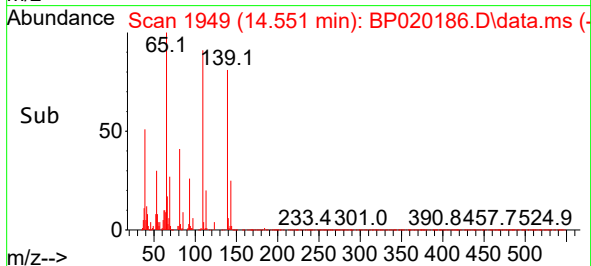
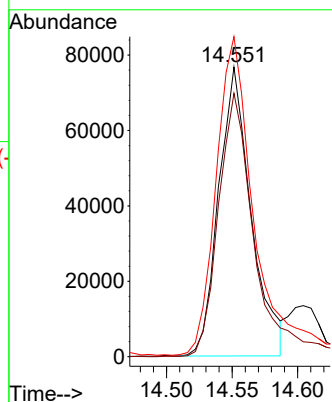
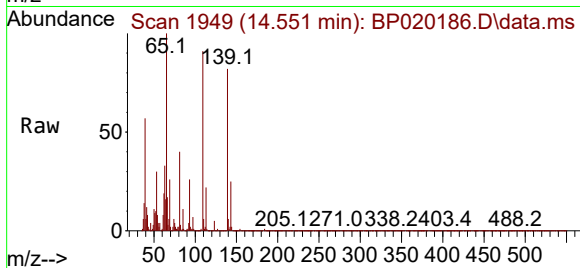




#55
4-Nitrophenol
Concen: 49.940 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

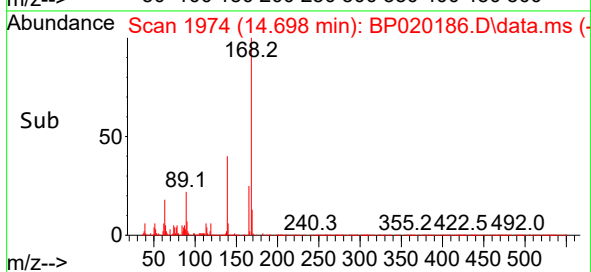
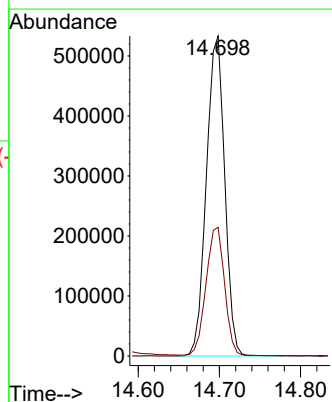
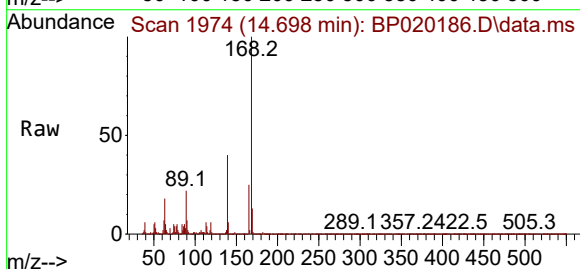
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

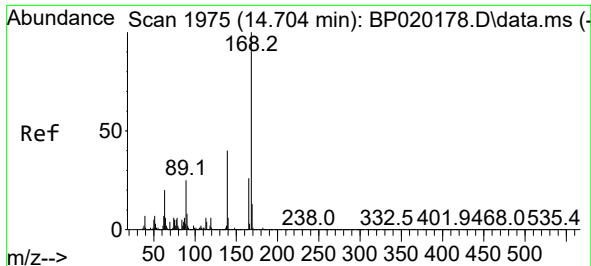
Tgt Ion:109 Resp: 131973
Ion Ratio Lower Upper
109 100
139 90.9 78.4 117.6
65 110.5 101.8 152.6



#56
Dibenzofuran
Concen: 44.049 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:168 Resp: 835400
Ion Ratio Lower Upper
168 100
139 40.2 32.7 49.1

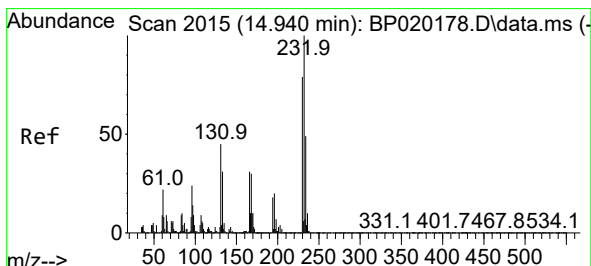
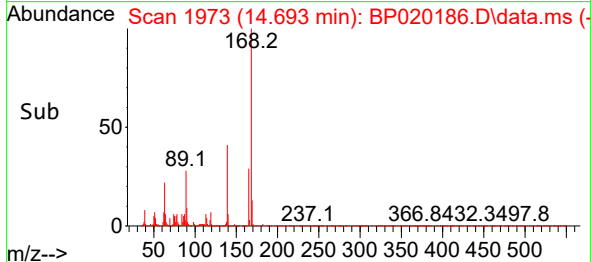
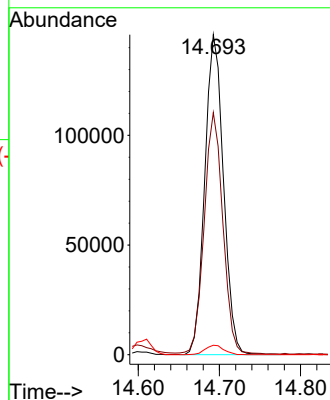
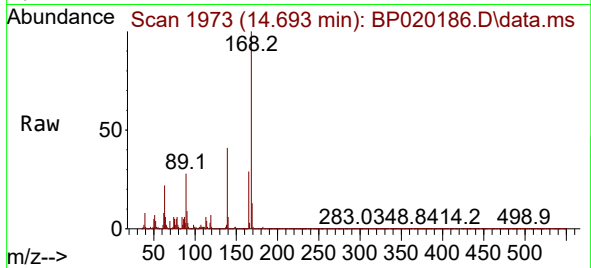




#57
2,4-Dinitrotoluene
Concen: 48.841 ng/ul
RT: 14.693 min Scan# 1975
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

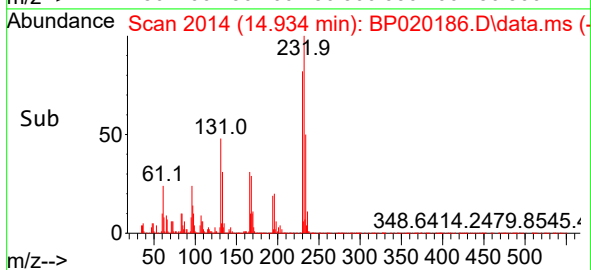
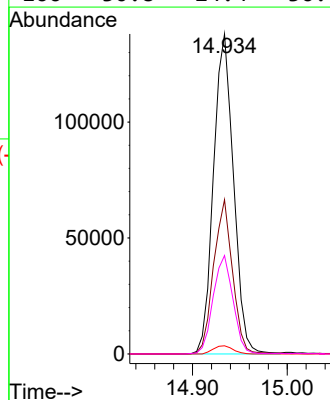
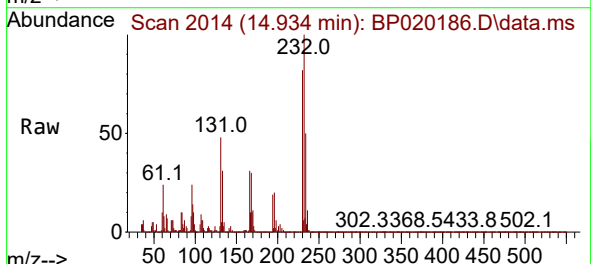
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

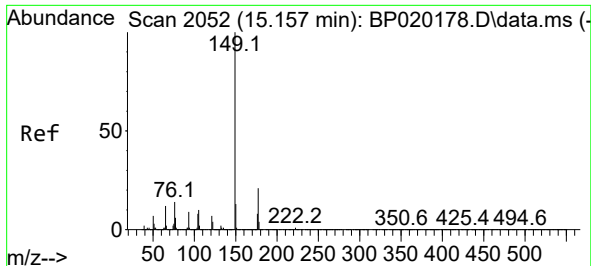
Tgt Ion:165 Resp: 232866
Ion Ratio Lower Upper
165 100
63 75.7 59.7 89.5
182 3.0 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 47.495 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:232 Resp: 202990
Ion Ratio Lower Upper
232 100
131 48.2 36.7 55.1
130 2.6 1.9 2.9
166 30.8 24.4 36.6

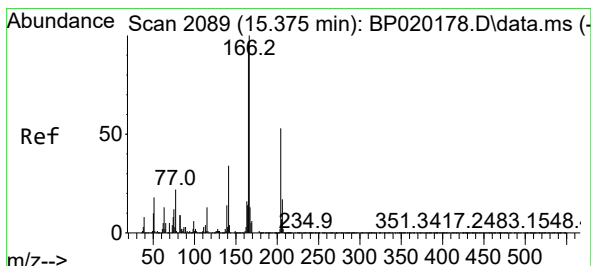
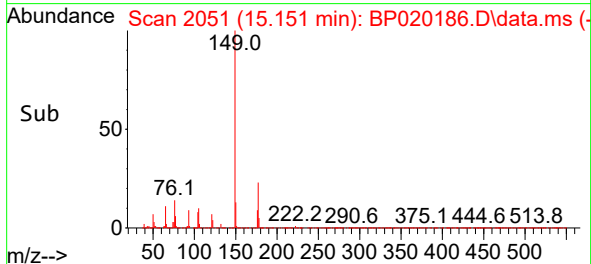
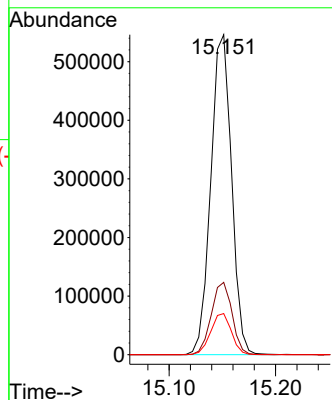
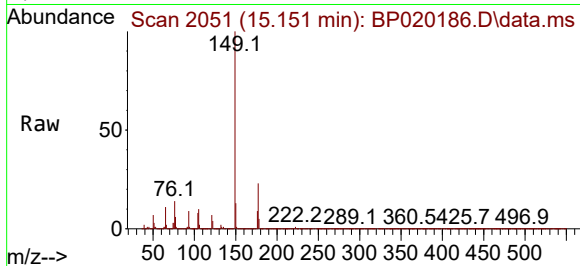




#59
Diethylphthalate
Concen: 44.329 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

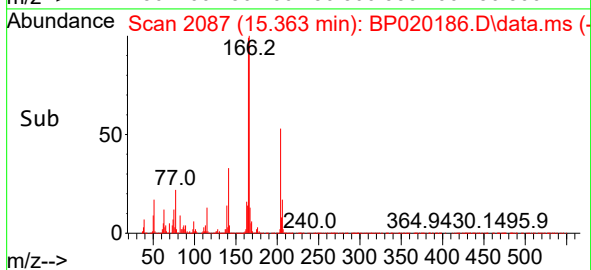
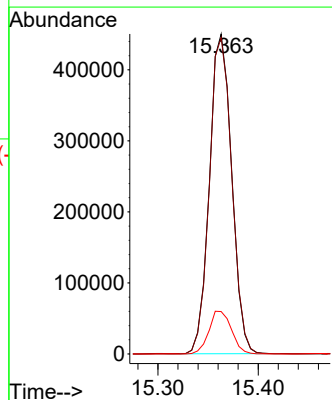
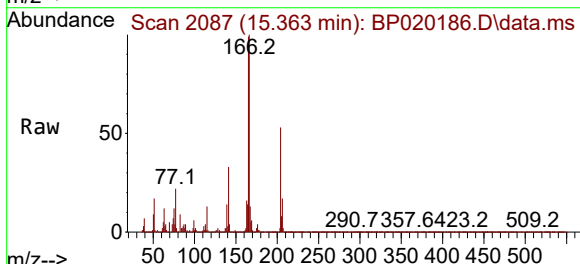
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

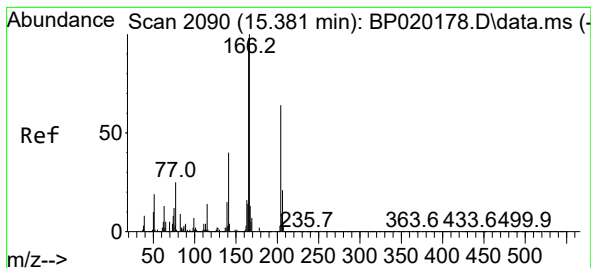
Tgt Ion:149 Resp: 738159
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 12.9 10.2 15.2



#61
Fluorene
Concen: 44.163 ng/ul
RT: 15.363 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:166 Resp: 695932
Ion Ratio Lower Upper
166 100
165 98.8 76.2 114.2
167 13.3 10.3 15.5

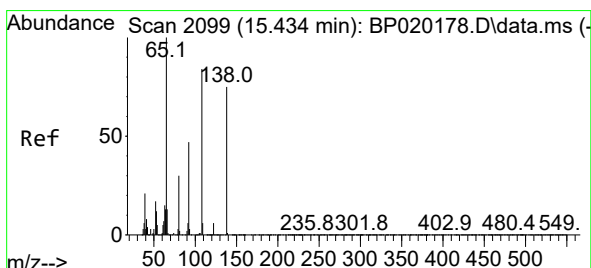
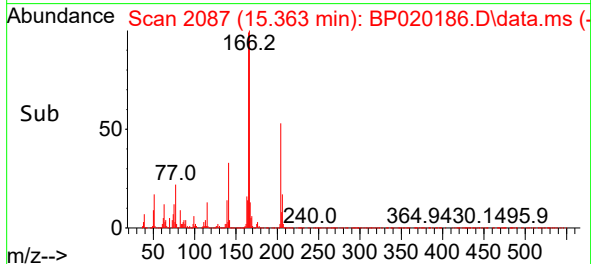
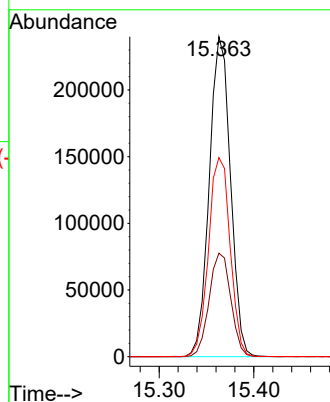
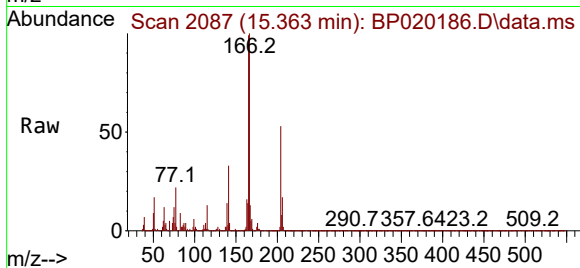




#62
4-Chlorophenyl-phenylether
Concen: 44.539 ng/ul
RT: 15.363 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

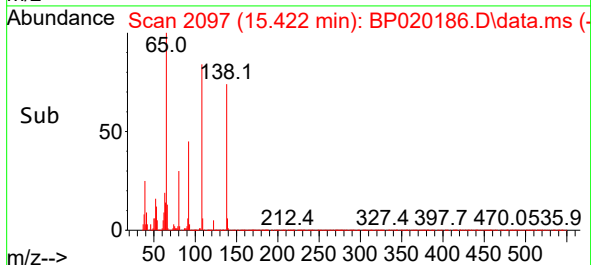
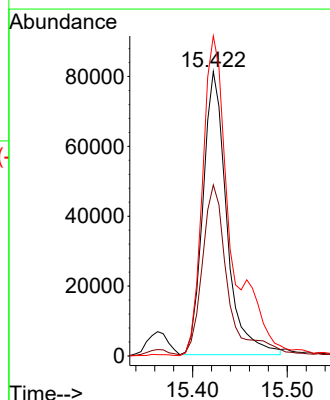
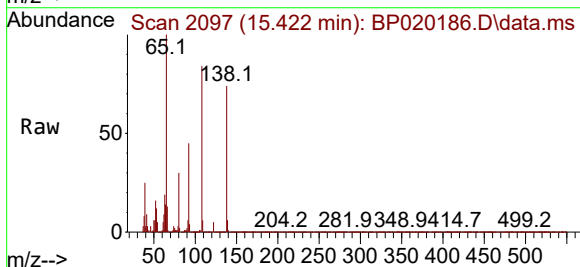
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

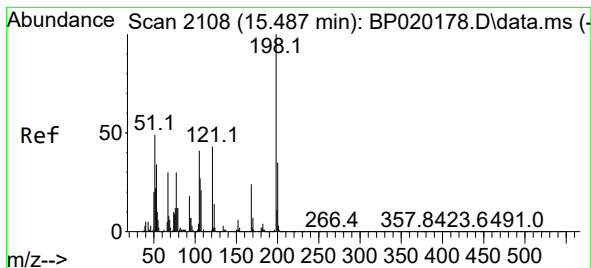
Tgt Ion:204 Resp: 372349
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.2
141 62.2 53.0 79.6



#63
4-Nitroaniline
Concen: 54.553 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. -0.017 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:138 Resp: 140617
Ion Ratio Lower Upper
138 100
92 60.1 47.6 71.4
108 112.5 90.5 135.7

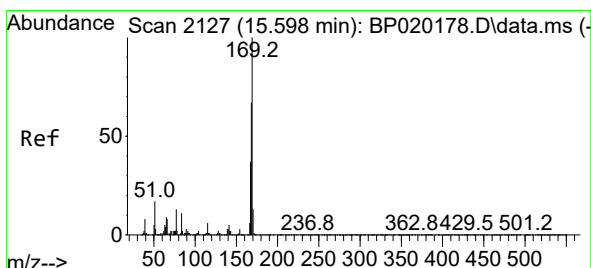
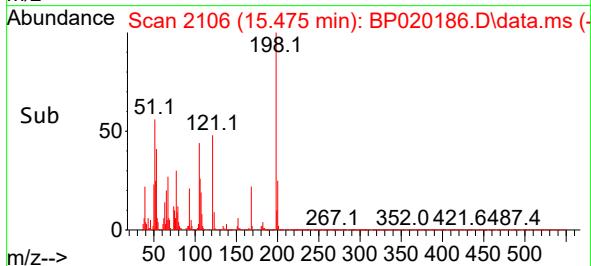
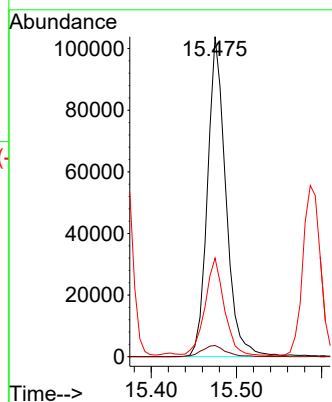
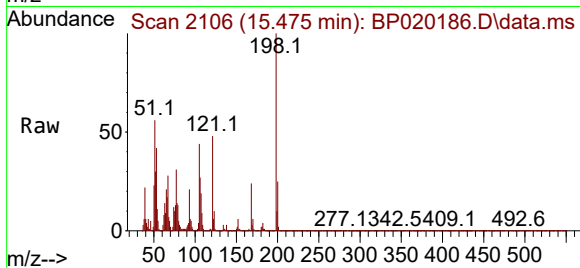




#66
4,6-Dinitro-2-methylphenol
Concen: 45.630 ng/ul
RT: 15.475 min Scan# 2108
Delta R.T. -0.017 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

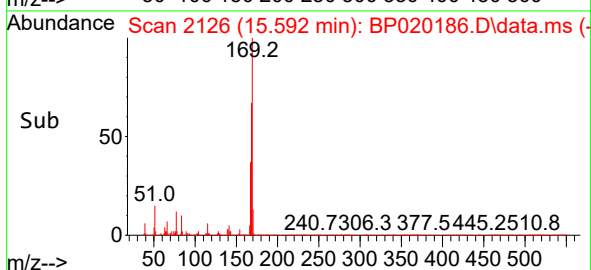
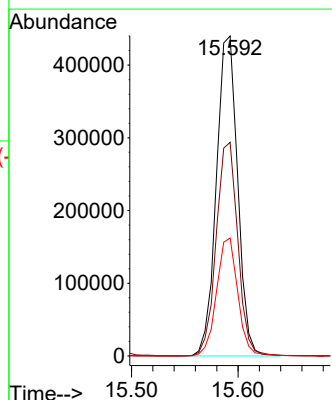
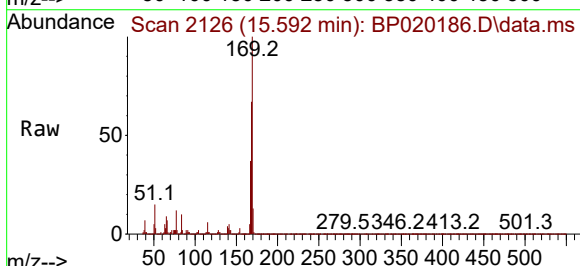
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

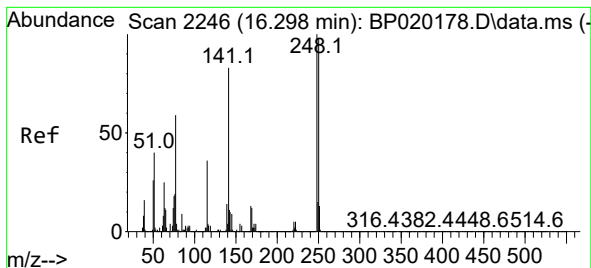
Tgt Ion:198 Resp: 155447
Ion Ratio Lower Upper
198 100
182 3.5 3.3 4.9
77 30.8 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 42.491 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:169 Resp: 609117
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.2
167 36.9 29.0 43.6

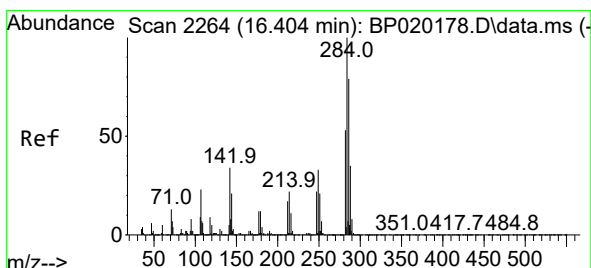
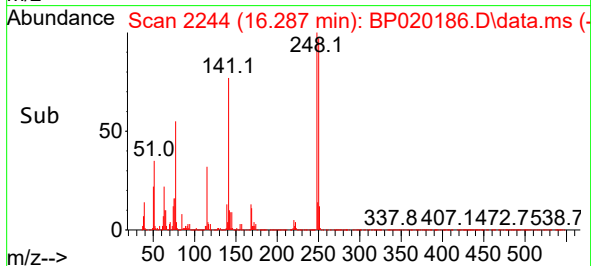
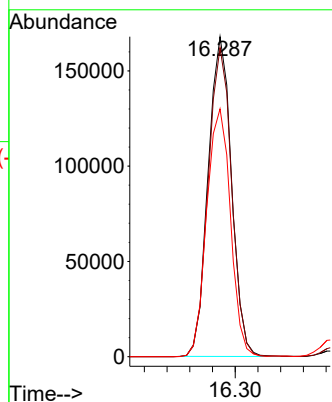
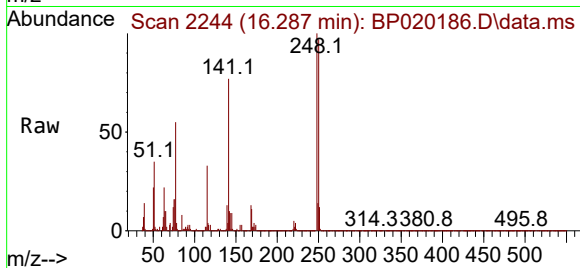




#68
4-Bromophenyl-phenylether
Concen: 43.012 ng/ul
RT: 16.287 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

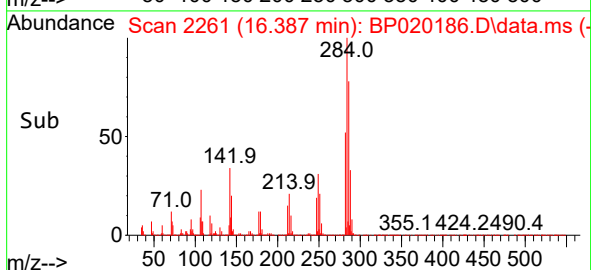
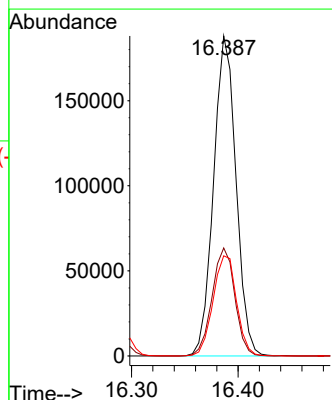
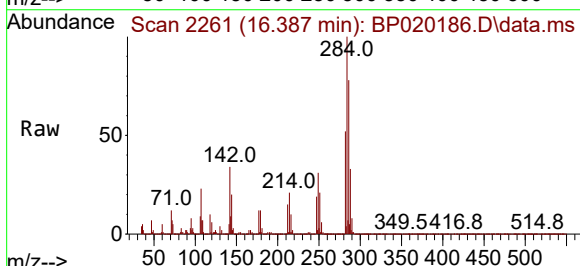
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

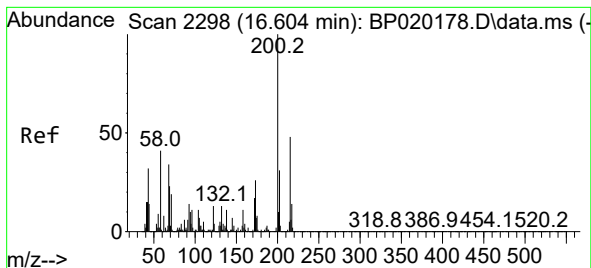
Tgt Ion:248 Resp: 239864
Ion Ratio Lower Upper
248 100
250 96.6 76.2 114.4
141 77.5 57.2 85.8



#69
Hexachlorobenzene
Concen: 42.592 ng/ul
RT: 16.387 min Scan# 2261
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:284 Resp: 275107
Ion Ratio Lower Upper
284 100
142 33.8 27.8 41.8
249 31.3 25.4 38.0





#70

Atrazine

Concen: 50.465 ng/ul

RT: 16.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

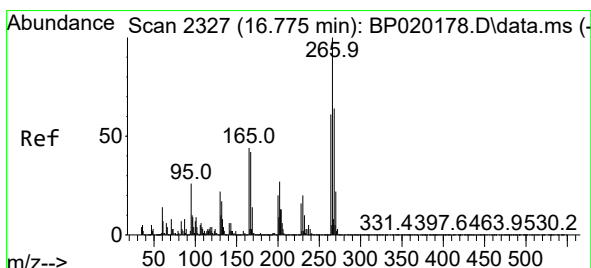
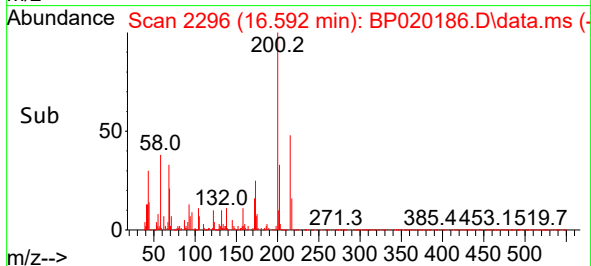
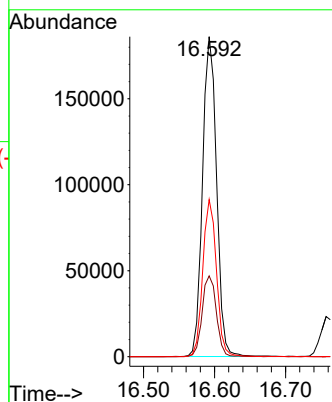
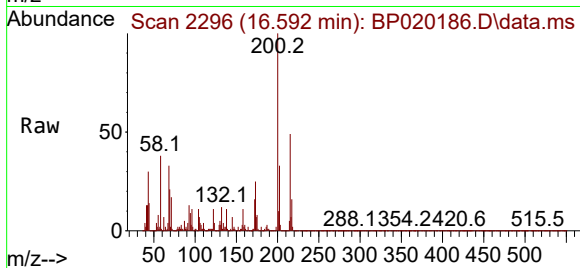
Tgt Ion:200 Resp: 256516

Ion Ratio Lower Upper

200 100

173 25.3 20.3 30.5

215 49.1 37.8 56.8



#71

Pentachlorophenol

Concen: 45.171 ng/ul

RT: 16.757 min Scan# 2324

Delta R.T. -0.017 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

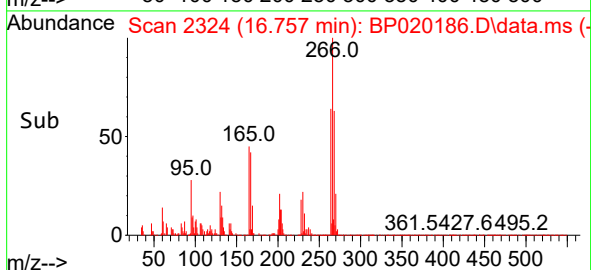
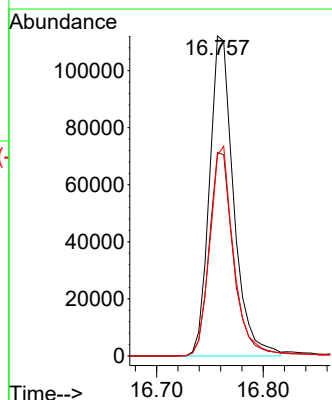
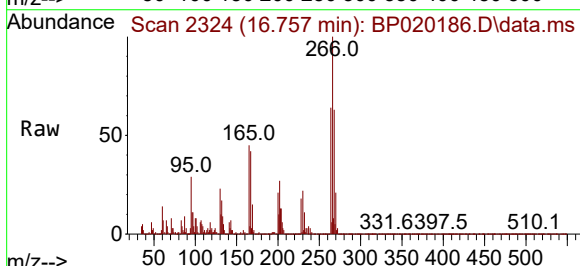
Tgt Ion:266 Resp: 176352

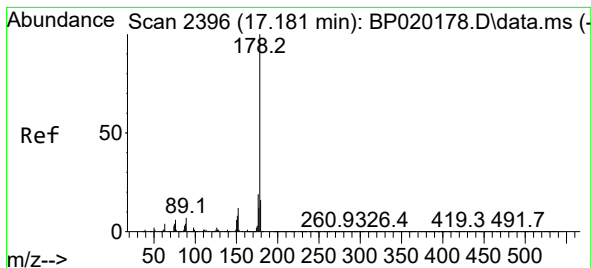
Ion Ratio Lower Upper

266 100

264 63.6 49.8 74.6

268 62.8 50.4 75.6





#72

Phenanthrene

Concen: 42.839 ng/ul

RT: 17.169 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

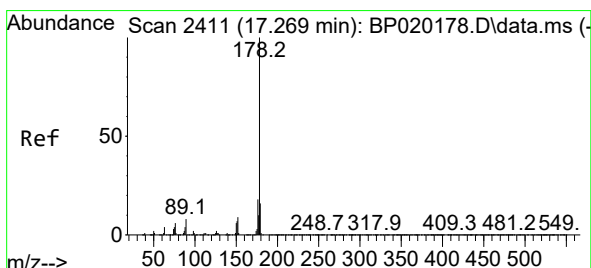
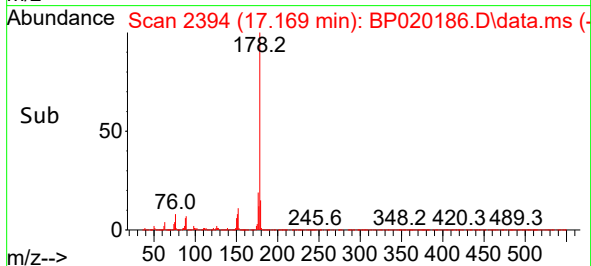
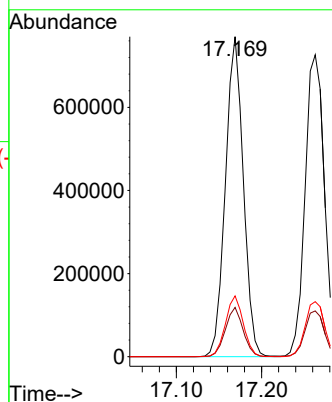
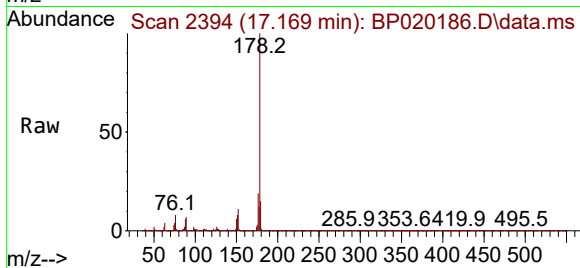
Tgt Ion:178 Resp: 1125302

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 19.0 15.2 22.8



#74

Anthracene

Concen: 42.902 ng/ul

RT: 17.263 min Scan# 2410

Delta R.T. -0.011 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

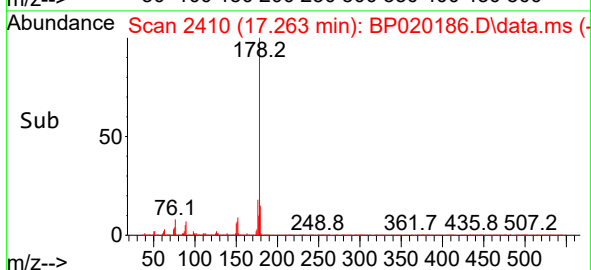
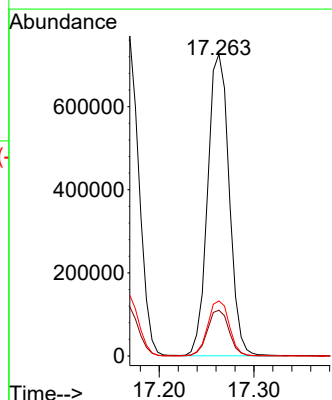
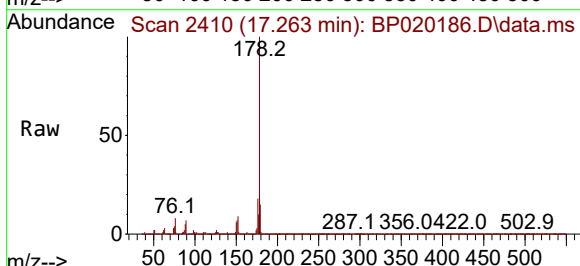
Tgt Ion:178 Resp: 1146237

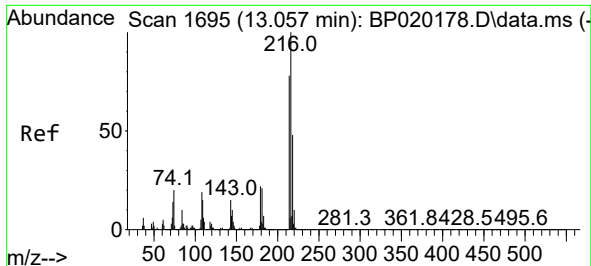
Ion Ratio Lower Upper

178 100

179 15.2 12.0 18.0

176 18.2 14.8 22.2

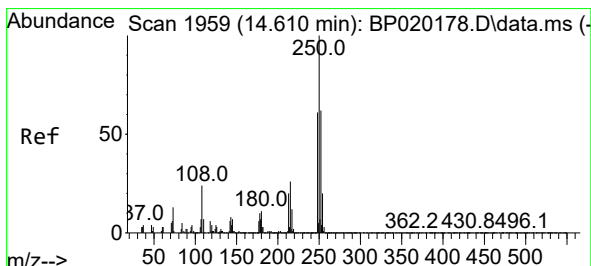
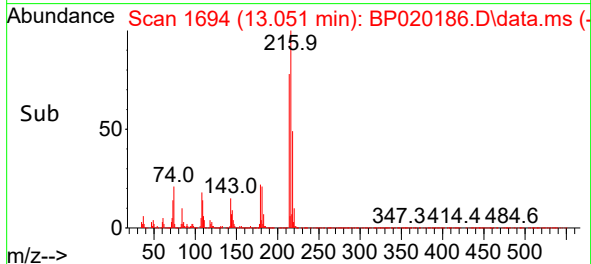
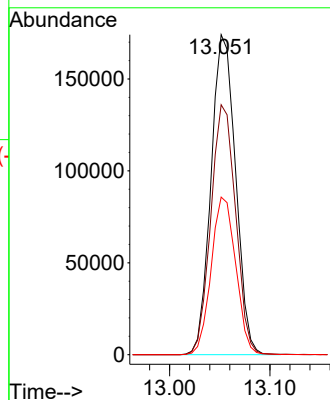
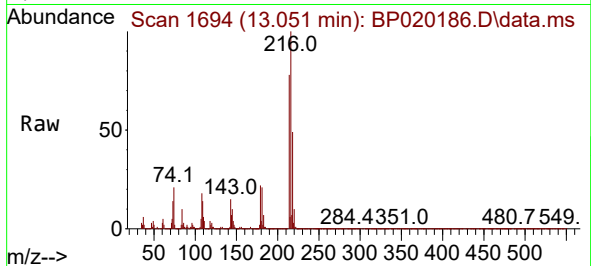




#75
1,2,3,4-Tetrachlorobenzene
Concen: 38.737 ng/uL
RT: 13.051 min Scan# 1694
Delta R.T. -0.011 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

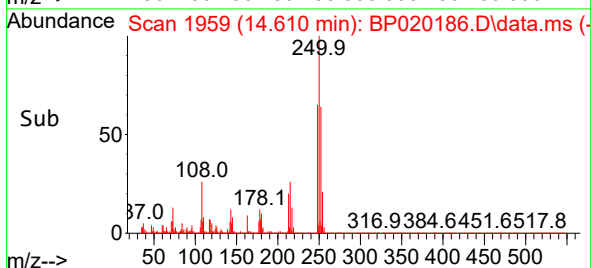
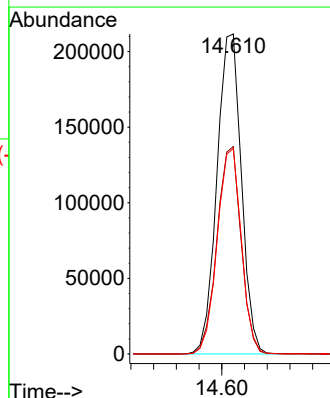
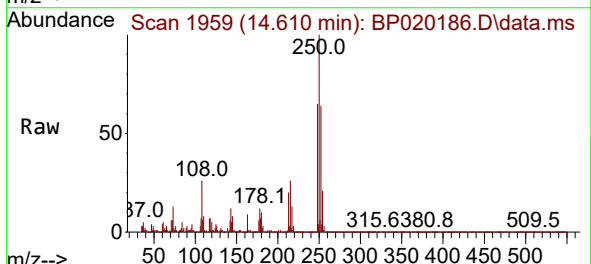
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

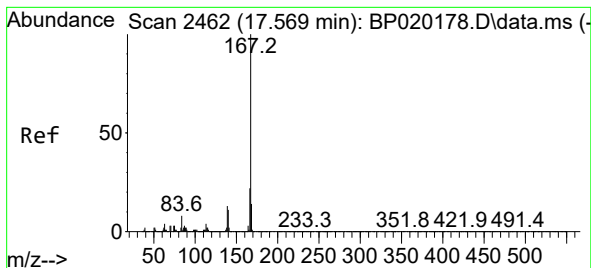
Tgt Ion:216 Resp: 296407
Ion Ratio Lower Upper
216 100
214 78.1 60.1 90.1
218 49.2 38.7 58.1



#76
Pentachlorobenzene
Concen: 41.328 ng/uL
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:250 Resp: 316458
Ion Ratio Lower Upper
250 100
248 64.8 51.0 76.6
252 64.2 52.1 78.1





#77

Carbazole

Concen: 45.976 ng/ul

RT: 17.563 min Scan# 2461

Delta R.T. -0.011 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

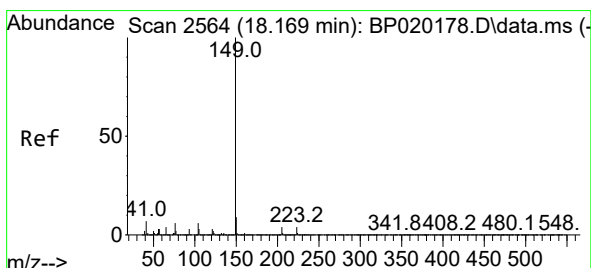
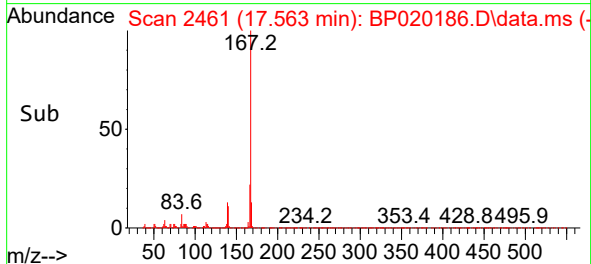
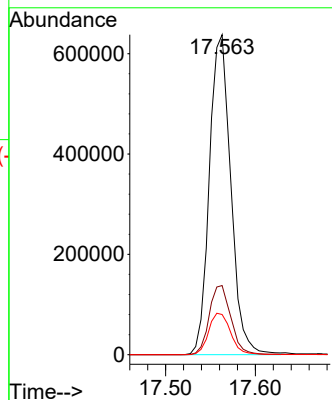
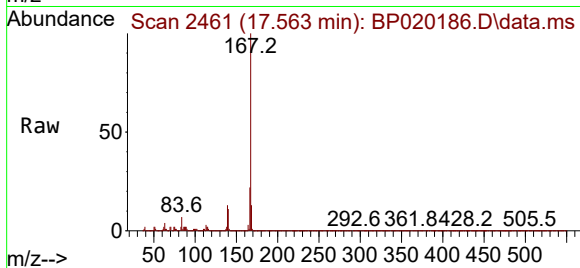
Tgt Ion:167 Resp: 1058182

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 12.6 11.0 16.4



#78

Di-n-butylphthalate

Concen: 46.651 ng/ul

RT: 18.157 min Scan# 2562

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

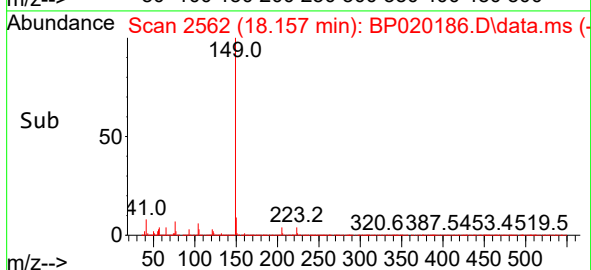
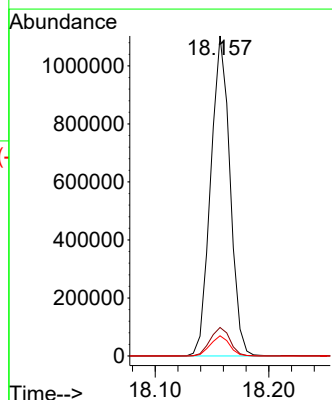
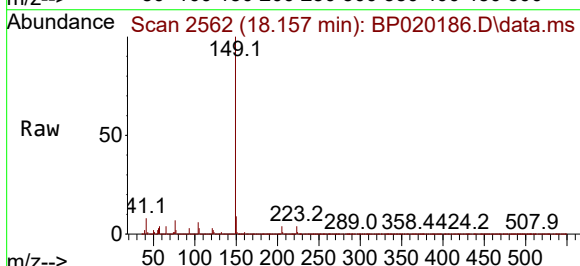
Tgt Ion:149 Resp: 1301484

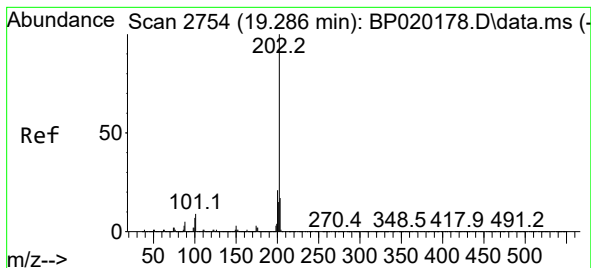
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 6.3 5.0 7.6





#80

Fluoranthene

Concen: 39.489 ng/ul

RT: 19.286 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

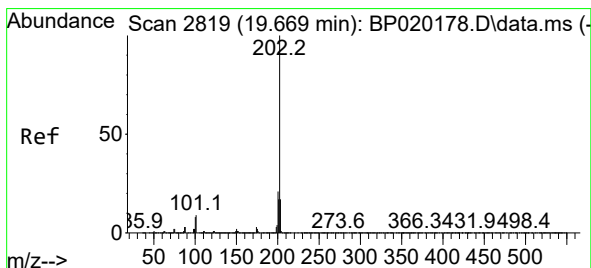
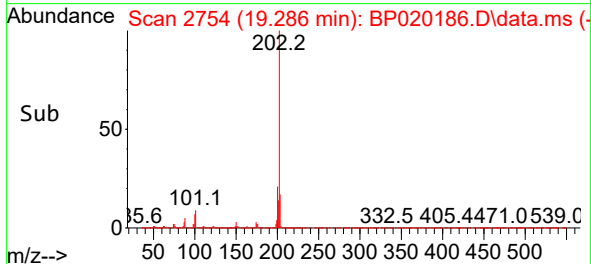
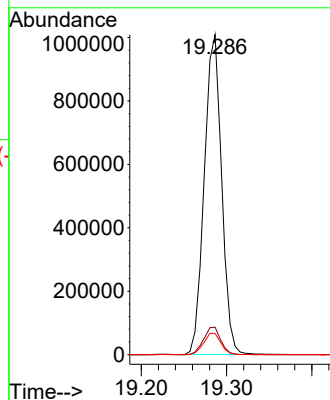
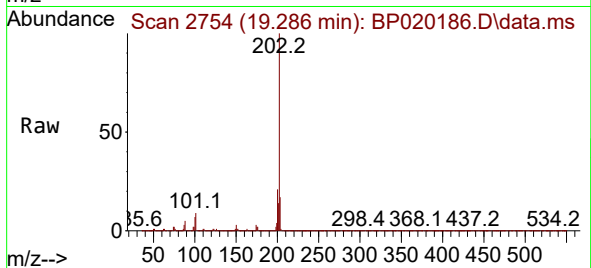
Tgt Ion:202 Resp: 1427934

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

100 6.7 5.5 8.3



#82

Pyrene

Concen: 39.724 ng/ul

RT: 19.663 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

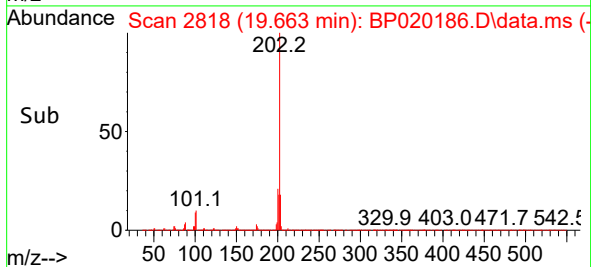
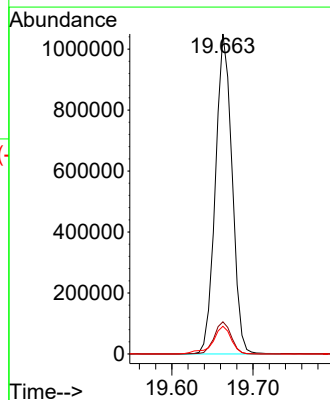
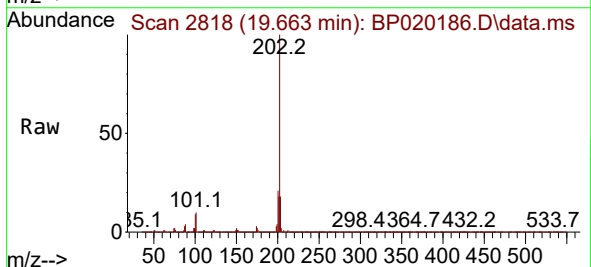
Tgt Ion:202 Resp: 1494583

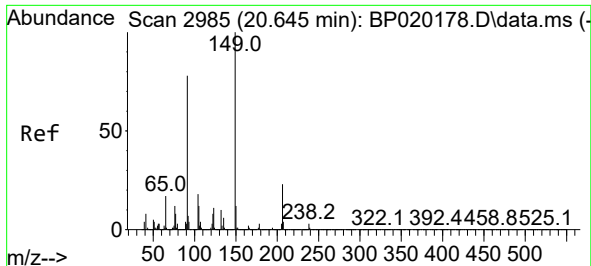
Ion Ratio Lower Upper

202 100

101 10.0 8.1 12.1

100 8.7 6.8 10.2

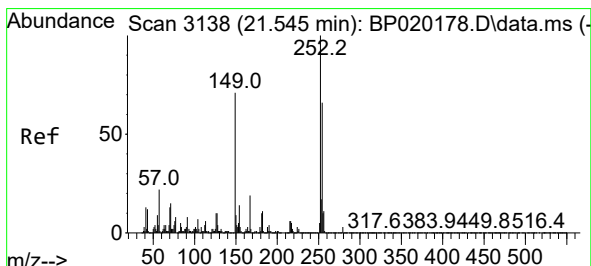
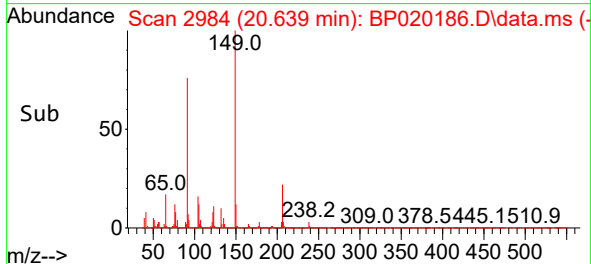
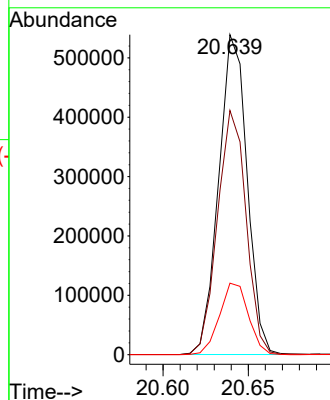
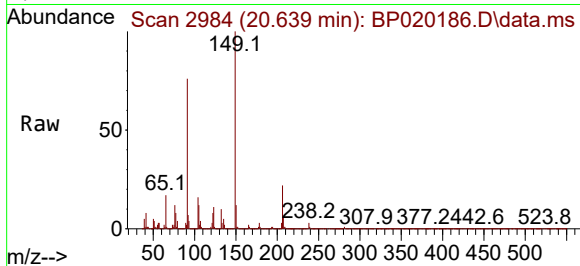




#83
Butylbenzylphthalate
Concen: 43.764 ng/ul
RT: 20.639 min Scan# 2985
Delta R.T. 0.000 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

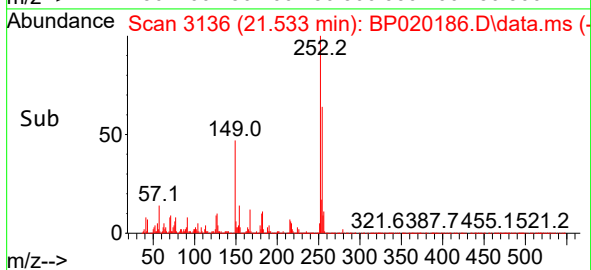
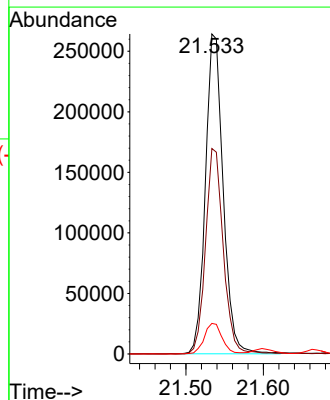
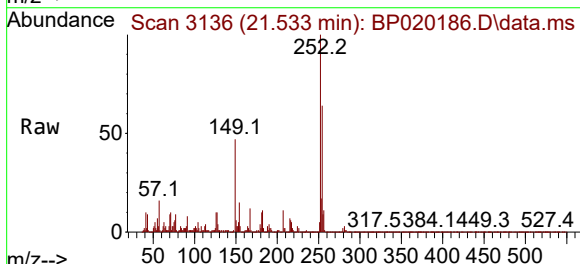
Instrument :
BNA_P
ClientSampleId :
E08Q3MS

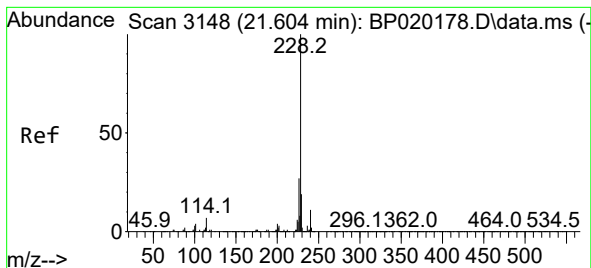
Tgt Ion:149 Resp: 625056
Ion Ratio Lower Upper
149 100
91 76.3 62.7 94.1
206 22.3 17.3 25.9



#84
3,3'-Dichlorobenzidine
Concen: 39.181 ng/ul
RT: 21.533 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BP020186.D
Acq: 03 May 2024 22:11

Tgt Ion:252 Resp: 419156
Ion Ratio Lower Upper
252 100
254 64.2 50.2 75.4
126 9.6 7.3 10.9





#85

Benzo(a)anthracene

Concen: 42.466 ng/ul

RT: 21.598 min Scan# 3148

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

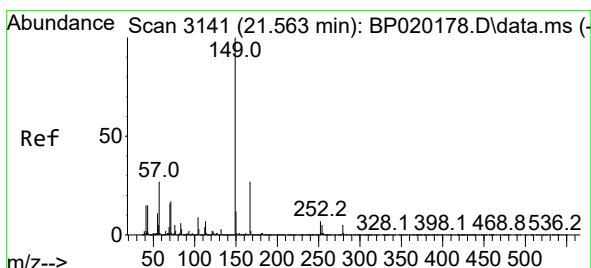
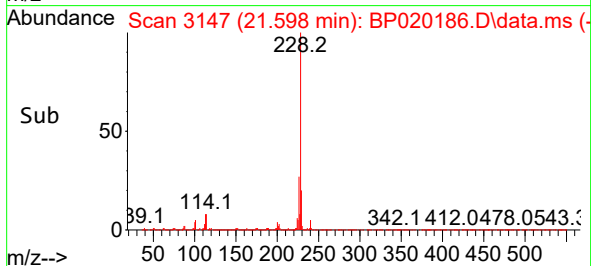
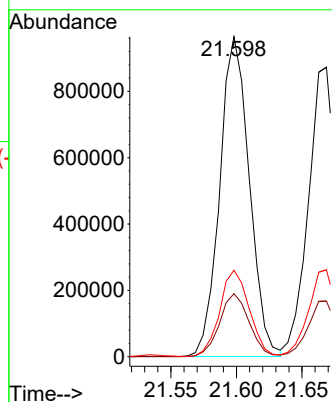
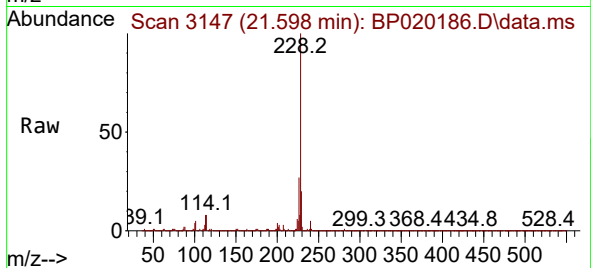
Tgt Ion:228 Resp: 1514011

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.8

226 27.0 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.151 ng/ul

RT: 21.551 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

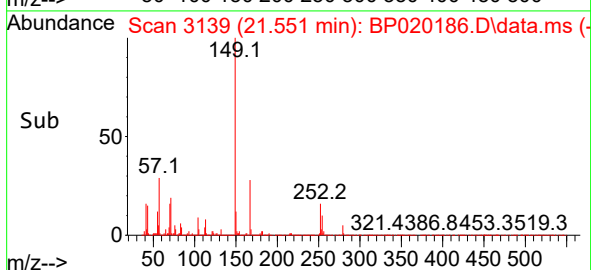
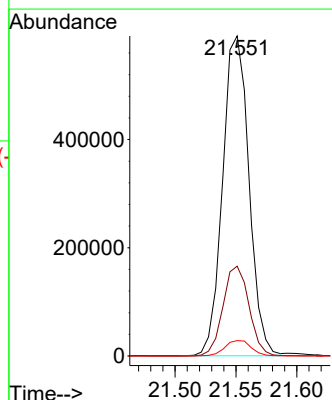
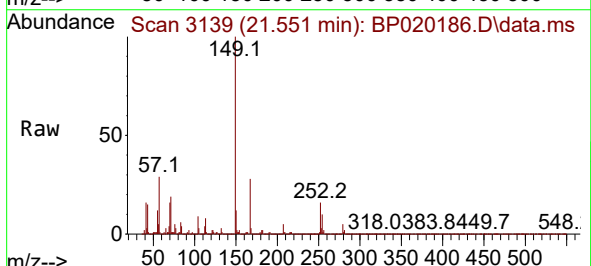
Tgt Ion:149 Resp: 889091

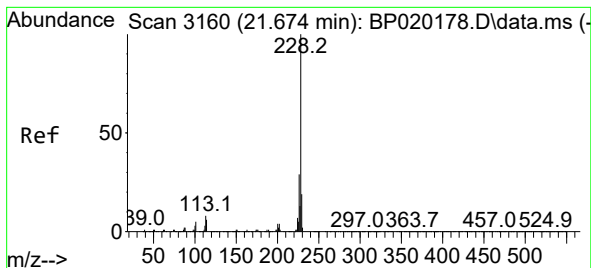
Ion Ratio Lower Upper

149 100

167 28.0 21.4 32.0

279 4.8 3.4 5.2





#87

Chrysene

Concen: 42.827 ng/ul

RT: 21.669 min Scan# 3160

Delta R.T. 0.000 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

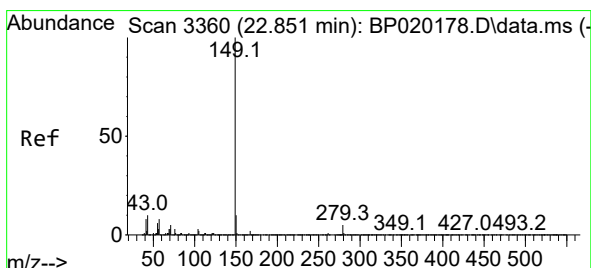
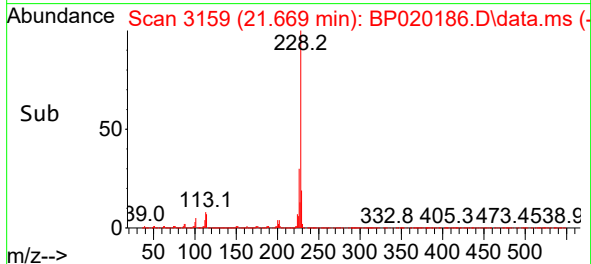
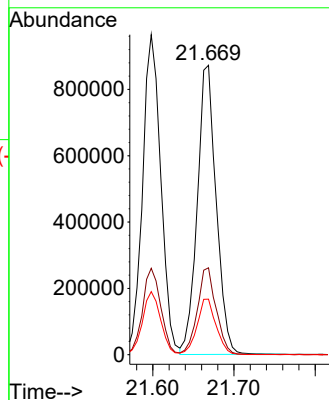
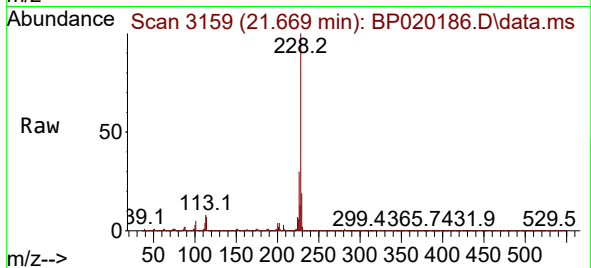
Tgt Ion:228 Resp: 1415175

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.2 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 44.606 ng/ul

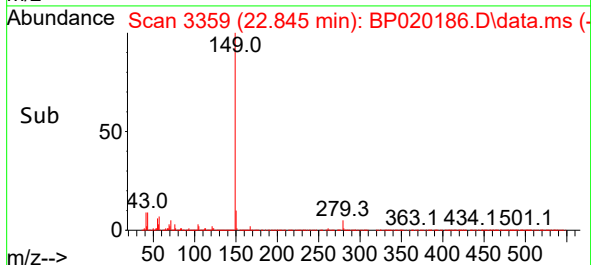
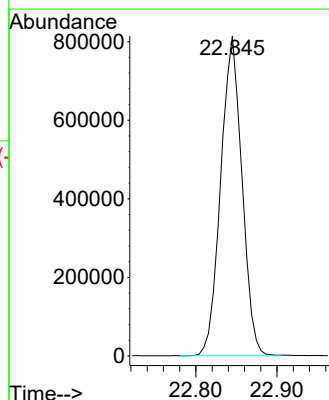
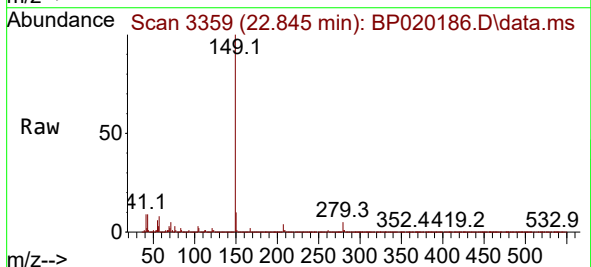
RT: 22.845 min Scan# 3359

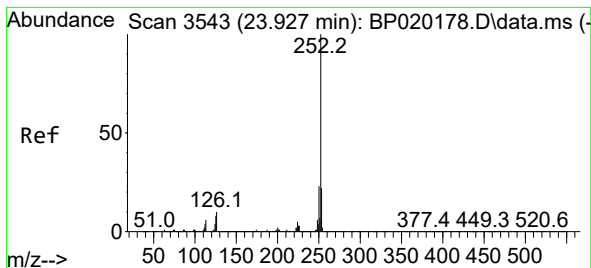
Delta R.T. 0.000 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Tgt Ion:149 Resp: 1480704





#90

Benzo(b)fluoranthene

Concen: 45.061 ng/ul

RT: 23.921 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

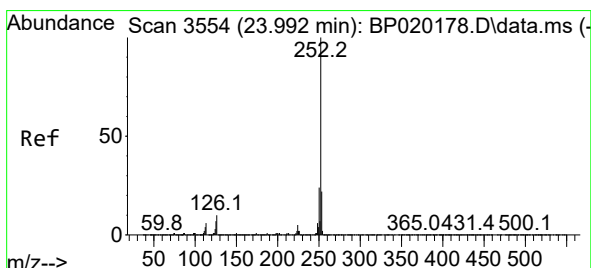
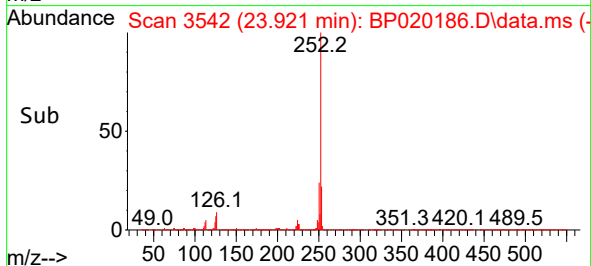
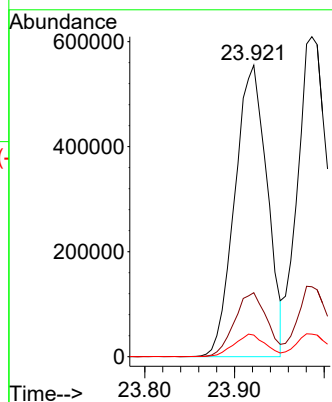
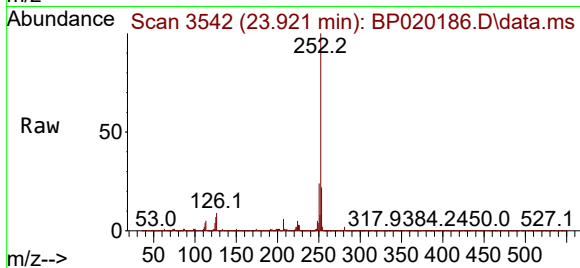
Tgt Ion:252 Resp: 1389382

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 7.4 6.2 9.2



#91

Benzo(k)fluoranthene

Concen: 45.536 ng/ul

RT: 23.986 min Scan# 3553

Delta R.T. 0.000 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

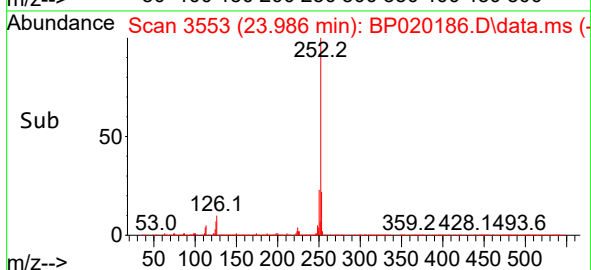
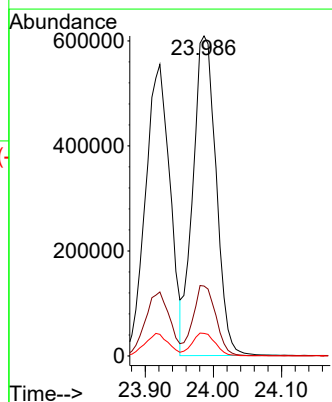
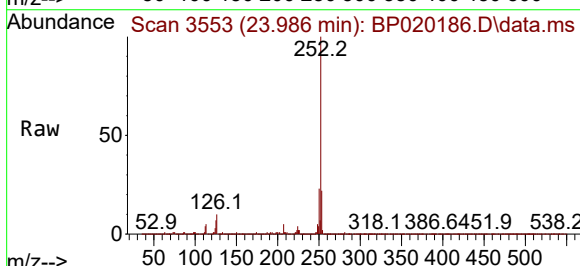
Tgt Ion:252 Resp: 1430829

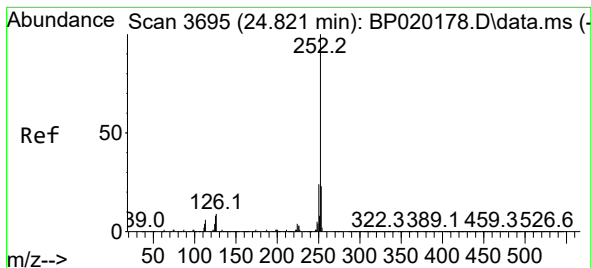
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 7.1 5.6 8.4





#93

Benzo(a)pyrene

Concen: 39.034 ng/ul

RT: 24.821 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

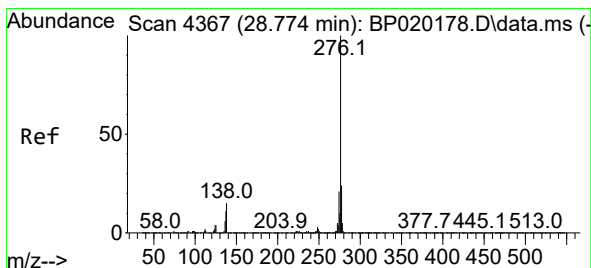
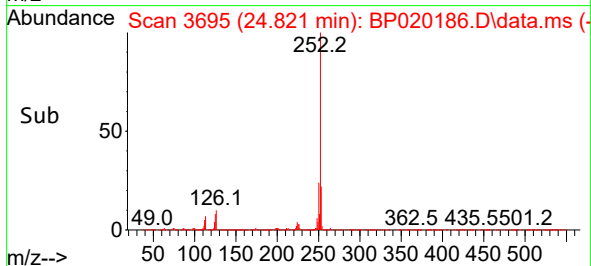
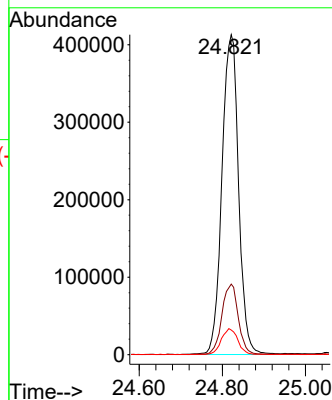
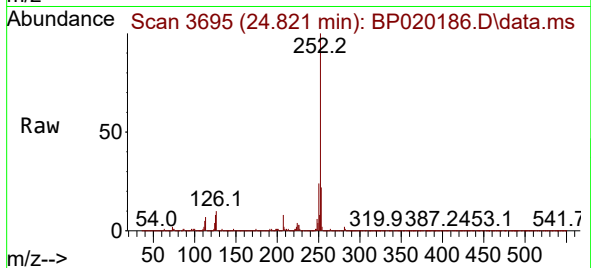
Tgt Ion:252 Resp: 1145182

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 7.7 6.6 10.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.156 ng/ul

RT: 28.786 min Scan# 4369

Delta R.T. 0.018 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

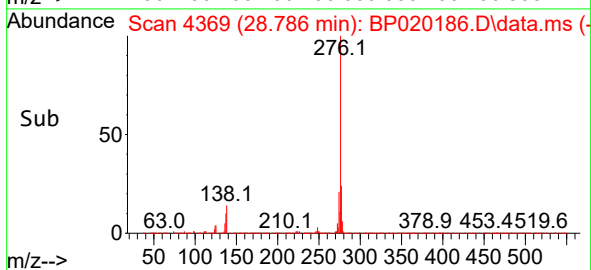
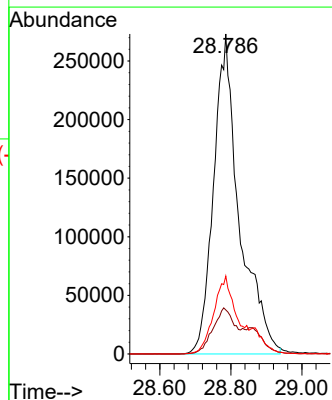
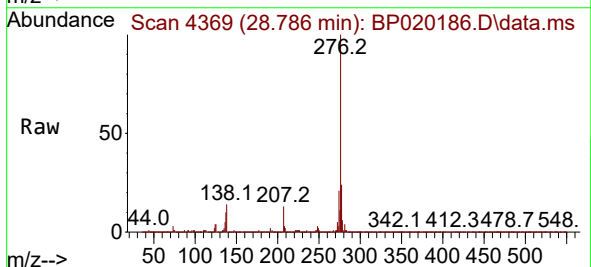
Tgt Ion:276 Resp: 1372282

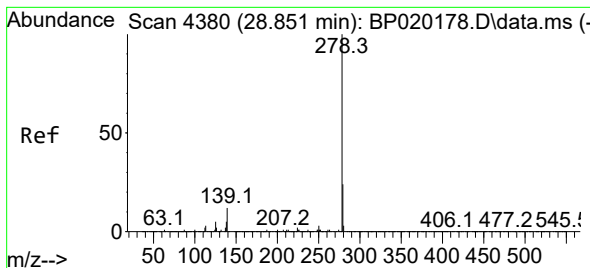
Ion Ratio Lower Upper

276 100

138 13.8 12.3 18.5

277 24.3 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 37.528 ng/ul

RT: 28.868 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Instrument :

BNA_P

ClientSampleId :

E08Q3MS

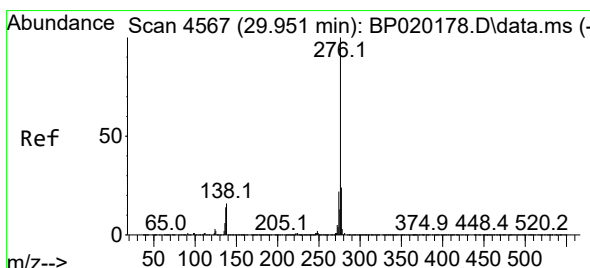
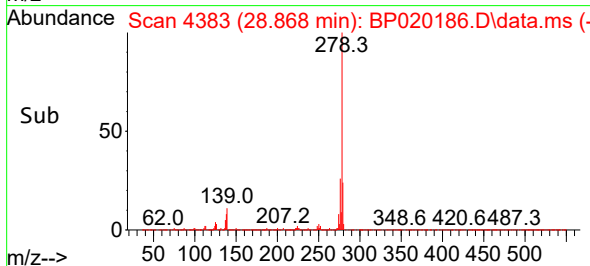
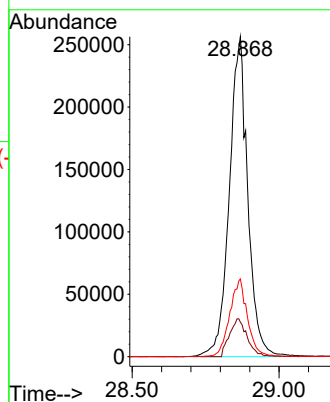
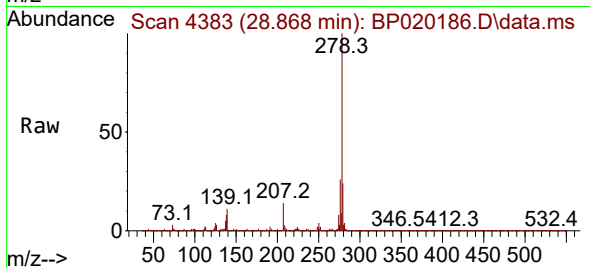
Tgt Ion:278 Resp: 1116356

Ion Ratio Lower Upper

278 100

139 10.8 10.2 15.2

279 24.3 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 36.186 ng/ul

RT: 29.956 min Scan# 4568

Delta R.T. -0.006 min

Lab File: BP020186.D

Acq: 03 May 2024 22:11

Tgt Ion:276 Resp: 1049638

Ion Ratio Lower Upper

276 100

138 15.8 11.6 17.4

277 23.3 19.4 29.0

