

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
 Data File : BP020033.D
 Acq On : 19 Apr 2024 18:17
 Operator : MA/JU
 Sample : SST04091
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST040612

Quant Time: Apr 20 00:36:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 00:34:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	101663	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	438089	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	275028	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.169	188	530242	20.000	ng/u1	0.01
79) Chrysene-d12	21.669	240	513500	20.000	ng/u1	0.01
88) Perylene-d12	25.051	264	577302	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	38751	16.615	ng/uL	0.00
4) Pyridine-d5	3.628	84	298831	42.311	ng/u1	0.00
7) Phenol-d5	6.822	99	359964	41.665	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	252131	44.017	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	251168	40.810	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	284577	42.556	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	133711	39.966	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	146407	39.837	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	278775	40.573	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	361687	40.290	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	742560	38.399	ng/u1	0.01
49) Acenaphthylene-d8	14.010	160	919842	40.691	ng/u1	0.01
54) 4-Nitrophenol-d4	14.569	143	116103	38.510	ng/u1	0.01
60) Fluorene-d10	15.357	176	648706	39.268	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.498	200	124043	39.149	ng/u1	0.01
73) Anthracene-d10	17.281	188	954126	40.241	ng/u1	0.02
81) Pyrene-d10	19.675	212	1120719	37.485	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.827	264	1144640	40.962	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	42670	15.735	ng/uL	97
5) Pyridine	3.646	79	303169	41.713	ng/u1	98
6) Benzaldehyde	6.811	77	236249	53.105	ng/u1	98
8) Phenol	6.852	94	376460	41.503	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.087	93	311025	42.143	ng/u1	98
12) 2-Chlorophenol	7.211	128	264343	40.732	ng/u1	95
13) 2-Methylphenol	8.081	108	276884	42.191	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.158	45	456069	44.340	ng/u1	99
16) Acetophenone	8.463	105	486649	44.486	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.452	70	286587	46.178	ng/u1	99
18) 4-Methylphenol	8.411	108	298055	42.241	ng/u1	98
19) Hexachloroethane	8.693	117	127883	41.981	ng/u1	94
22) Nitrobenzene	8.840	77	424390	43.495	ng/u1	98
23) Isophorone	9.363	82	774423	42.669	ng/u1	99
25) 2-Nitrophenol	9.540	139	155443	40.258	ng/u1	98
26) 2,4-Dimethylphenol	9.599	107	352289	40.793	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.840	93	434395	41.293	ng/u1	100
29) 2,4-Dichlorophenol	10.075	162	273901	40.600	ng/u1	99
30) Naphthalene	10.463	128	903298	39.983	ng/u1	100
32) 4-Chloroaniline	10.593	127	360911	40.785	ng/u1	100
33) Hexachlorobutadiene	10.728	225	215353	40.290	ng/u1	98
34) Caprolactam	11.405	113	41322	19.598	ng/u1	96
35) 4-Chloro-3-methylphenol	11.728	107	322657	42.562	ng/u1	98
36) 2-Methylnaphthalene	12.093	142	624464	41.076	ng/u1	100

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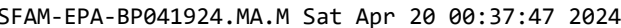
Instrument :
 BNA_P
 ClientSampleId :
 SSTD040612

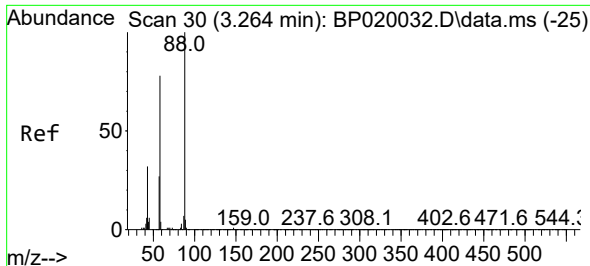
Quant Time: Apr 20 00:36:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 00:34:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	623085	41.277	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	385564	42.741	ng/ul	97
40) Hexachlorocyclopentadiene	12.428	237	216600	42.278	ng/ul	98
41) 2,4,6-Trichlorophenol	12.722	196	228988	41.218	ng/ul	97
42) 2,4,5-Trichlorophenol	12.799	196	232571	40.780	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	829019	41.872	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	649067	40.414	ng/ul	98
45) 2-Nitroaniline	13.404	65	224242	44.126	ng/ul	99
47) Dimethylphthalate	13.787	163	752710	38.537	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	154791	39.206	ng/ul	97
50) Acenaphthylene	14.046	152	1037020	41.193	ng/ul	99
51) 3-Nitroaniline	14.257	138	139042	38.359	ng/ul	93
52) Acenaphthene	14.398	153	680961	40.818	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	83590	37.008	ng/ul	96
55) 4-Nitrophenol	14.593	109	130819	45.095	ng/ul	96
56) Dibenzofuran	14.740	168	904871	39.690	ng/ul	100
57) 2,4-Dinitrotoluene	14.734	165	212375	39.338	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.981	232	194381	39.229	ng/ul	98
59) Diethylphthalate	15.193	149	757714	38.779	ng/ul	100
61) Fluorene	15.410	166	746883	39.958	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.410	204	403201	40.050	ng/ul	98
63) 4-Nitroaniline	15.457	138	123102	39.380	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.516	198	128575	38.294	ng/ul	97
67) N-Nitrosodiphenylamine	15.645	169	604401	41.082	ng/ul	98
68) 4-Bromophenyl-phenylether	16.340	248	239703	41.338	ng/ul	98
69) Hexachlorobenzene	16.440	284	257998	40.338	ng/ul	98
70) Atrazine	16.640	200	217109	38.710	ng/ul	97
71) Pentachlorophenol	16.804	266	154314	40.659	ng/ul	99
72) Phenanthrene	17.216	178	1110279	40.303	ng/ul	100
74) Anthracene	17.316	178	1143080	40.589	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	372395	43.346	ng/uL	97
76) Pentachlorobenzene	14.651	250	333648	41.782	ng/uL	99
77) Carbazole	17.610	167	974663	40.515	ng/ul	100
78) Di-n-butylphthalate	18.210	149	1212183	40.750	ng/ul	99
80) Fluoranthene	19.328	202	1311916	37.245	ng/ul	99
82) Pyrene	19.704	202	1370878	37.652	ng/ul	100
83) Butylbenzylphthalate	20.675	149	558415	38.353	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.569	252	475732	43.613	ng/ul	98
85) Benzo(a)anthracene	21.645	228	1425410	39.982	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	843114	39.225	ng/ul	99
87) Chrysene	21.716	228	1354739	40.626	ng/ul	99
89) Di-n-octyl phthalate	22.910	149	1440369	39.655	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	1406103	41.075	ng/ul	99
91) Benzo(k)fluoranthene	24.057	252	1444488	41.500	ng/ul	100
93) Benzo(a)pyrene	24.904	252	1349876	40.697	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.898	276	686728	16.756	ng/ul	98
95) Dibenzo(a,h)anthracene	28.992	278	1292018	38.928	ng/ul	99
96) Benzo(g,h,i)perylene	30.074	276	404032	12.225	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 20 00:34:02 2024
Response via : Initial Calibration

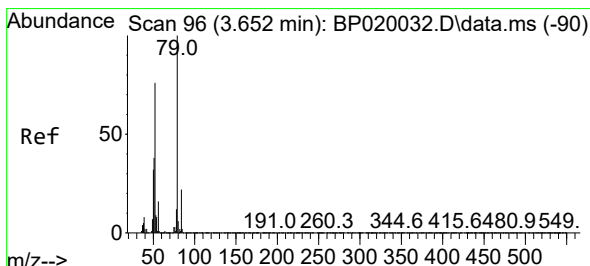
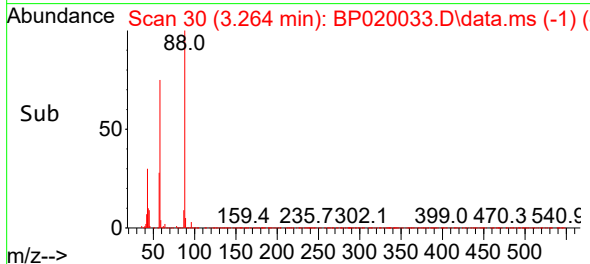
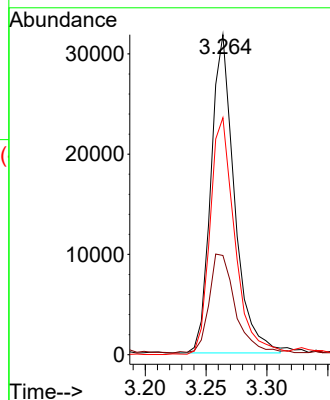
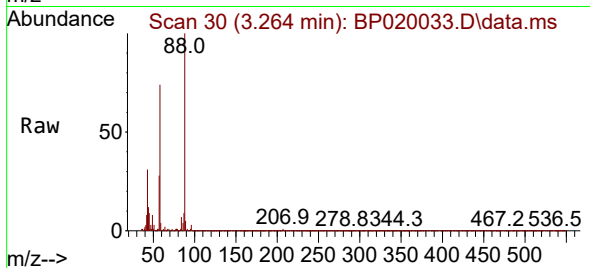




#2
 1,4-Dioxane
 Concen: 15.735 ng/uL
 RT: 3.264 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BP020033.D
 Acq: 19 Apr 2024 18:17

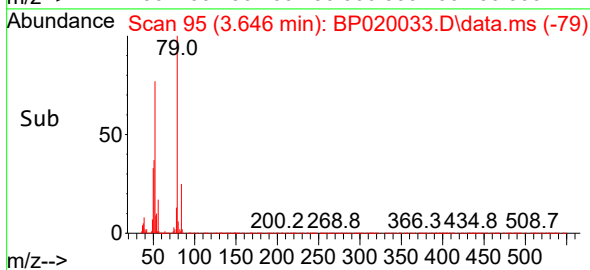
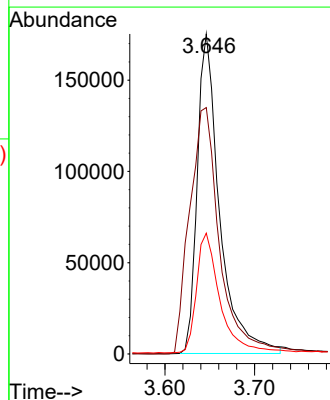
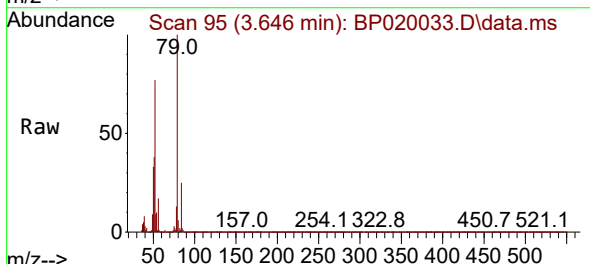
Instrument :
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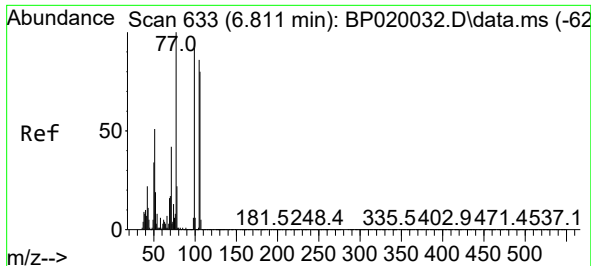
Tgt Ion:	88	Resp:	42670
Ion	Ratio	Lower	Upper
88	100		
43	31.0	26.6	40.0
58	74.1	61.4	92.2



#5
 Pyridine
 Concen: 41.713 ng/uL
 RT: 3.646 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: BP020033.D
 Acq: 19 Apr 2024 18:17

Tgt Ion:	79	Resp:	303169
Ion	Ratio	Lower	Upper
79	100		
52	77.0	61.0	91.4
51	37.7	31.5	47.3

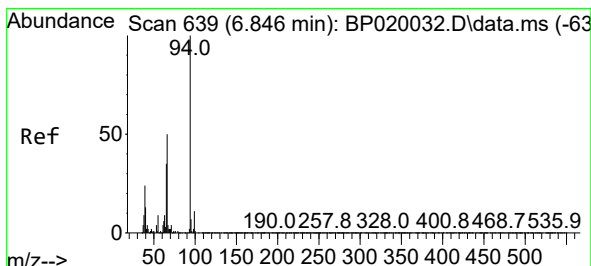
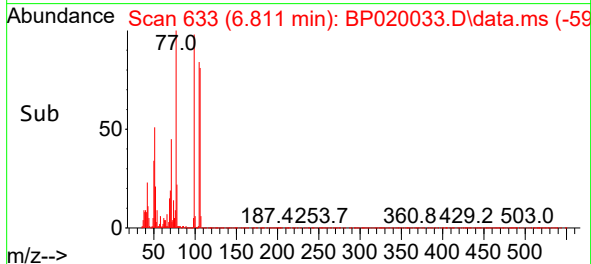
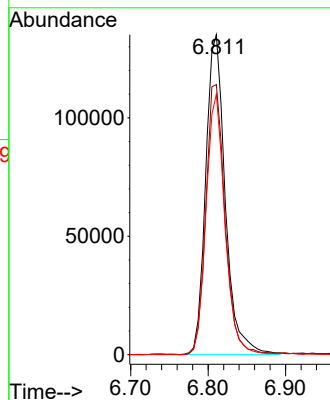
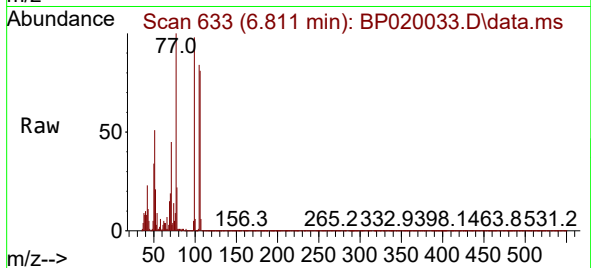




#6
Benzaldehyde
Concen: 53.105 ng/ul
RT: 6.811 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

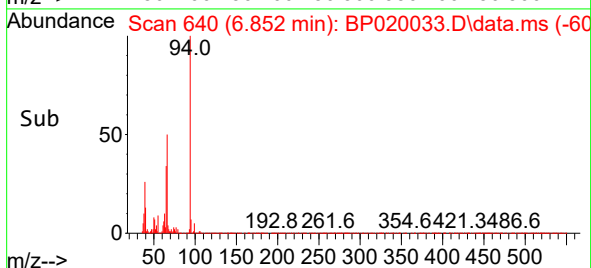
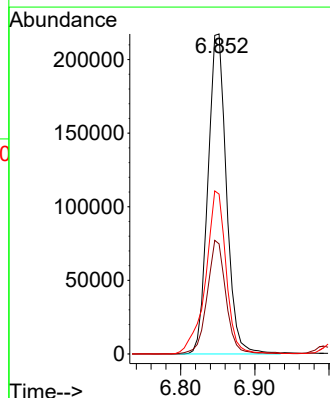
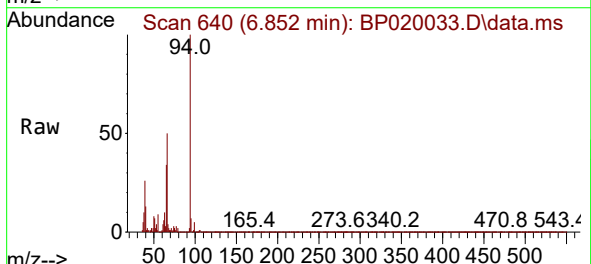
Instrument :
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ClientSampleId :
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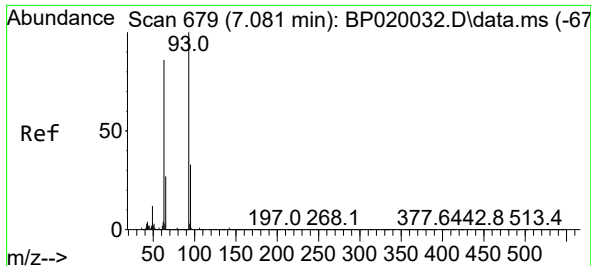
Tgt Ion: 77 Resp: 236249
Ion Ratio Lower Upper
77 100
105 84.4 68.7 103.1
106 81.4 63.7 95.5



#8
Phenol
Concen: 41.503 ng/ul
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion: 94 Resp: 376460
Ion Ratio Lower Upper
94 100
65 34.4 27.8 41.6
66 50.0 40.0 60.0

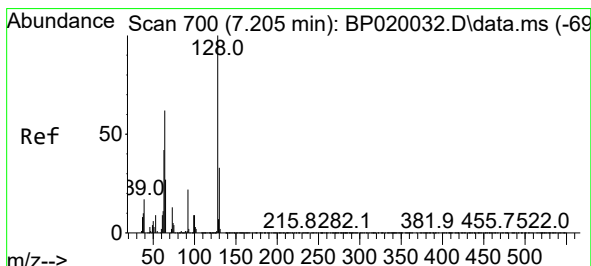
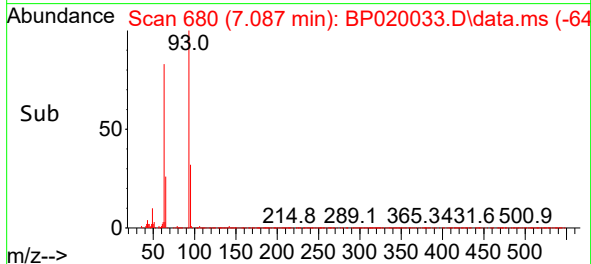
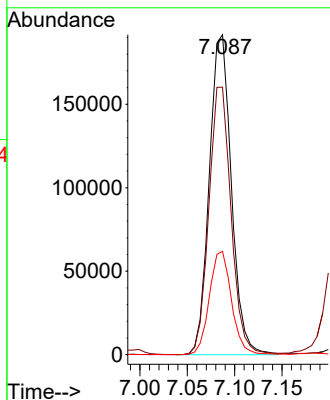
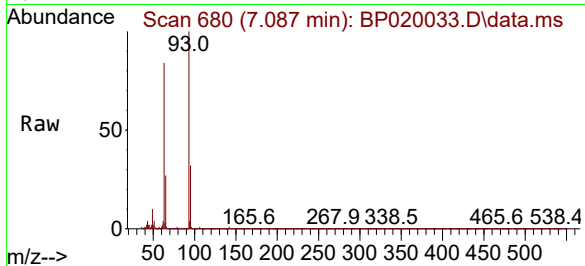




#10
Bis(2-Chloroethyl)ether
Concen: 42.143 ng/ul
RT: 7.087 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

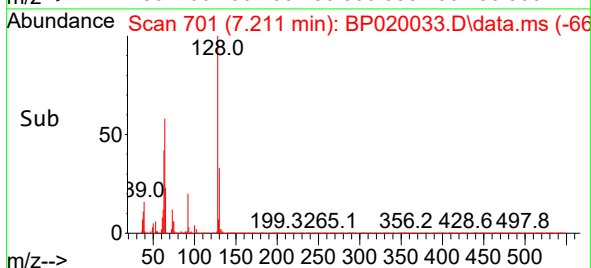
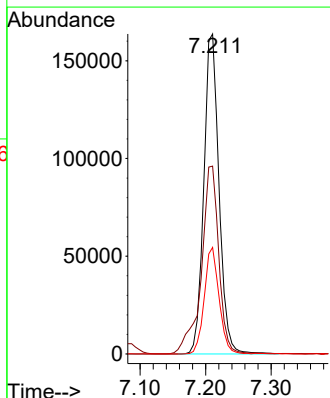
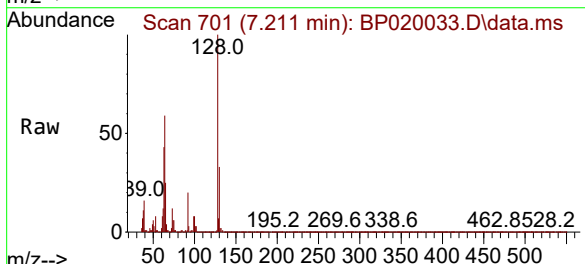
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ClientSampleId :
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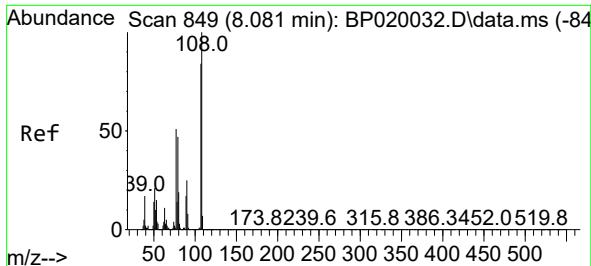
Tgt Ion: 93 Resp: 311025
Ion Ratio Lower Upper
93 100
63 83.6 68.6 102.8
95 32.3 26.6 39.8



#12
2-Chlorophenol
Concen: 40.732 ng/ul
RT: 7.211 min Scan# 701
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion: 128 Resp: 264343
Ion Ratio Lower Upper
128 100
64 58.7 51.4 77.0
130 33.3 26.5 39.7





#13

2-Methylphenol

Concen: 42.191 ng/ul

RT: 8.081 min Scan# 849

Delta R.T. 0.000 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

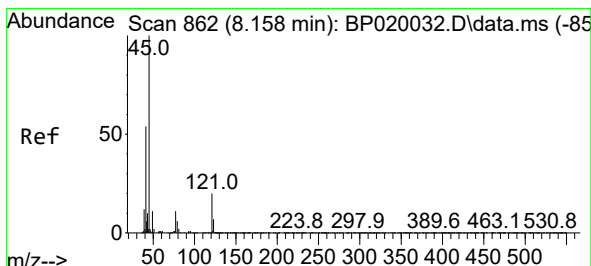
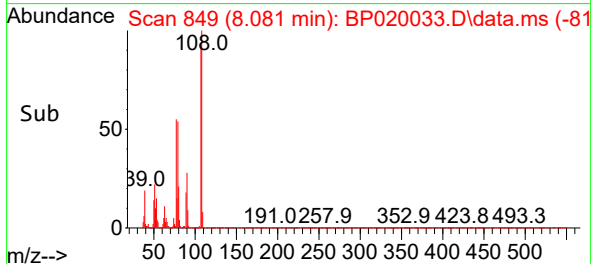
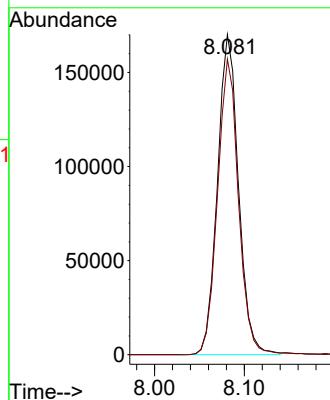
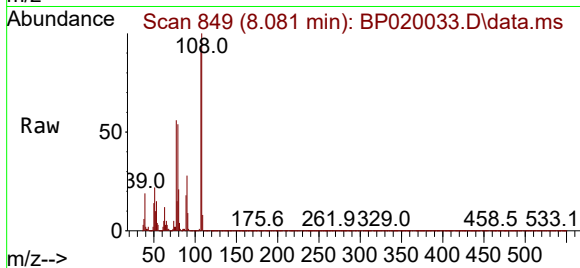
SSTD040612

Tgt Ion:108 Resp: 276884

Ion Ratio Lower Upper

108 100

107 92.4 67.3 100.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 44.340 ng/ul

RT: 8.158 min Scan# 862

Delta R.T. 0.000 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

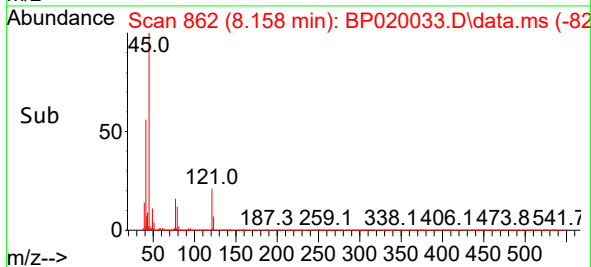
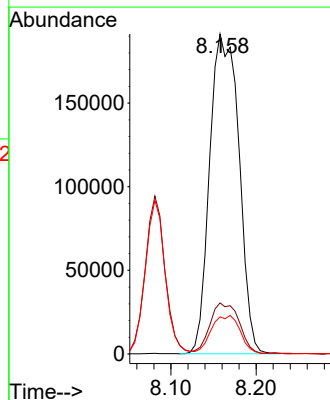
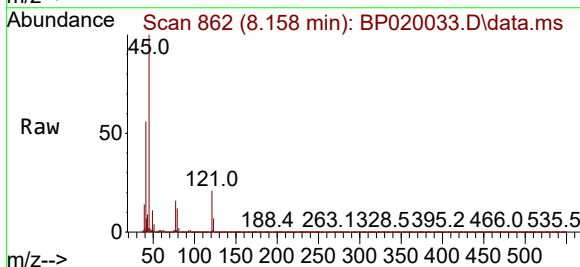
Tgt Ion: 45 Resp: 456069

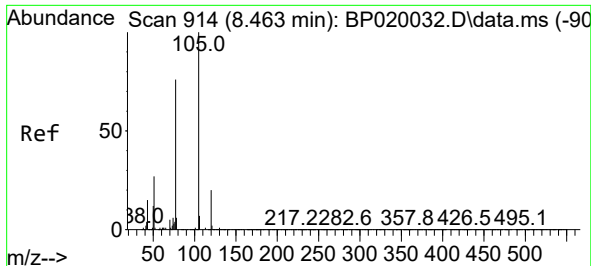
Ion Ratio Lower Upper

45 100

77 15.9 12.6 18.8

79 11.6 8.8 13.2

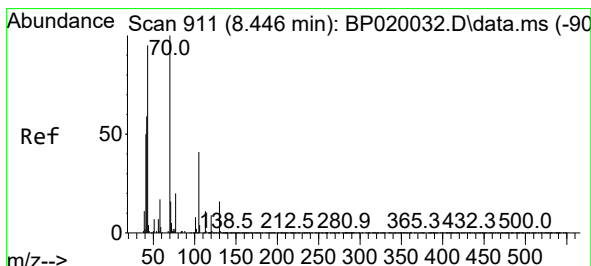
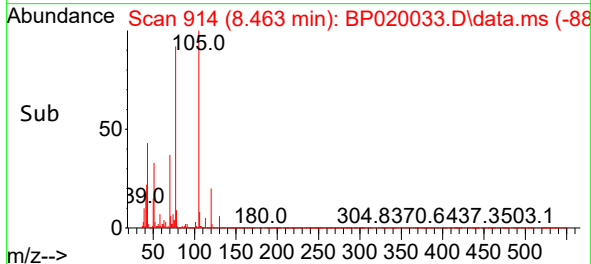
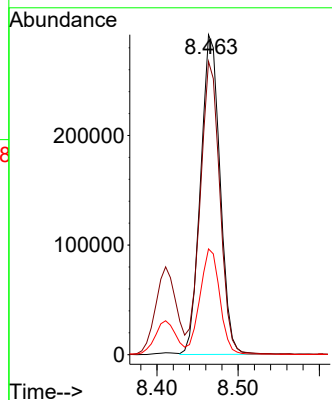
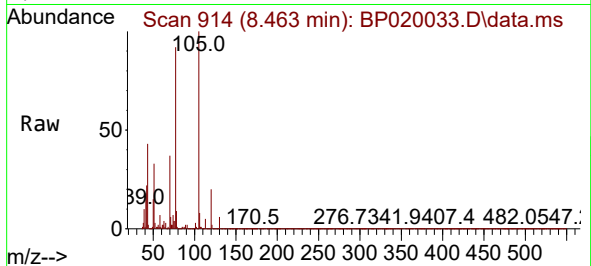




#16
Acetophenone
Concen: 44.486 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

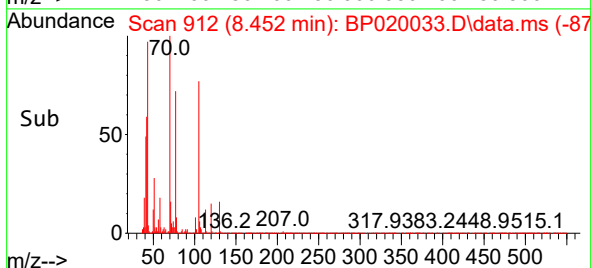
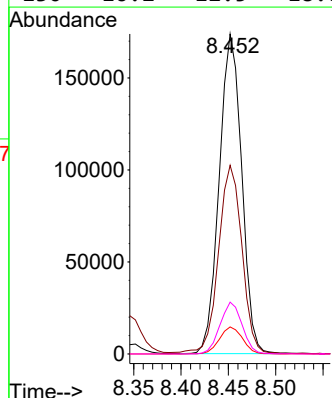
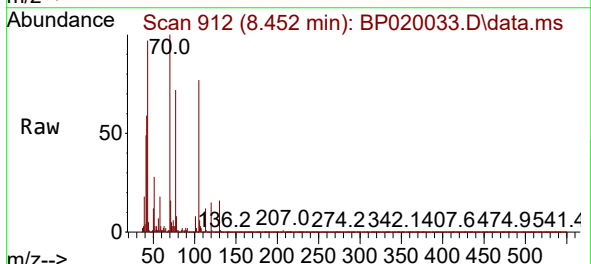
Instrument :
BNA_P
ClientSampleId :
SSTD040612

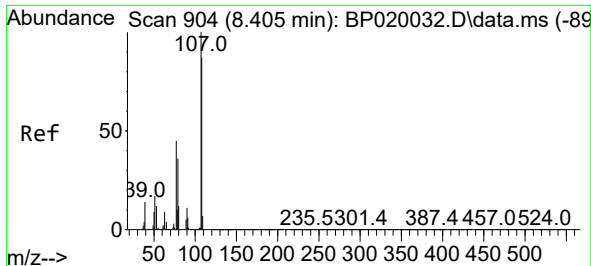
Tgt Ion:105 Resp: 486649
Ion Ratio Lower Upper
105 100
77 91.6 70.3 105.5
51 33.0 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 46.178 ng/ul
RT: 8.452 min Scan# 912
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion: 70 Resp: 286587
Ion Ratio Lower Upper
70 100
42 59.0 47.8 71.6
101 8.4 6.5 9.7
130 16.2 12.5 18.7

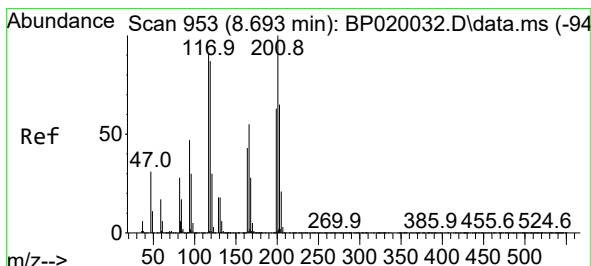
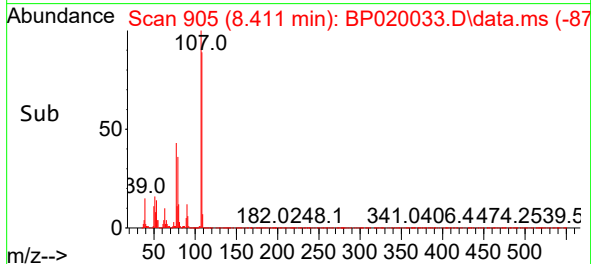
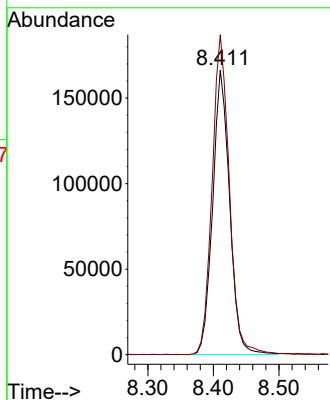
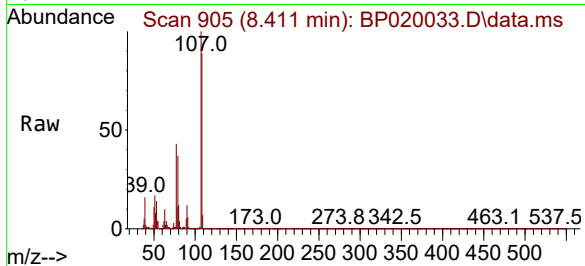




#18
4-Methylphenol
Concen: 42.241 ng/ul
RT: 8.411 min Scan# 904
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

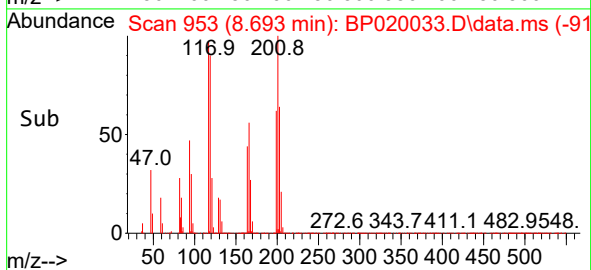
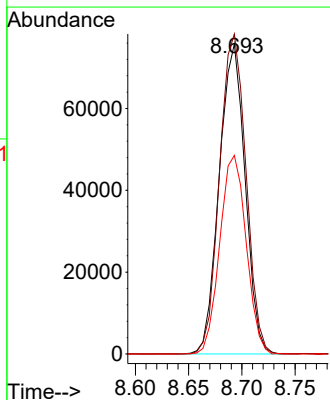
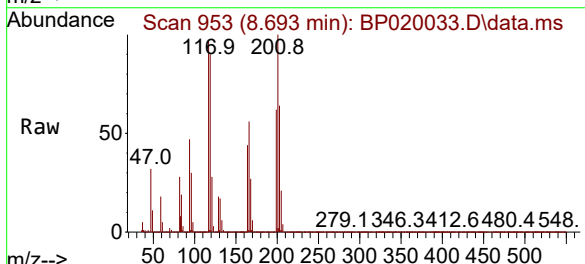
Instrument :
BNA_P
ClientSampleId :
SSTD040612

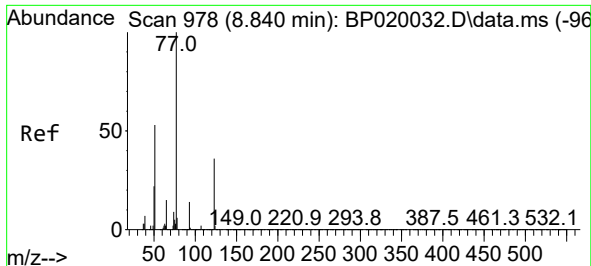
Tgt Ion:108 Resp: 298055
Ion Ratio Lower Upper
108 100
107 112.4 91.5 137.3



#19
Hexachloroethane
Concen: 41.981 ng/ul
RT: 8.693 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:117 Resp: 127883
Ion Ratio Lower Upper
117 100
201 103.2 87.8 131.6
199 64.1 55.0 82.6

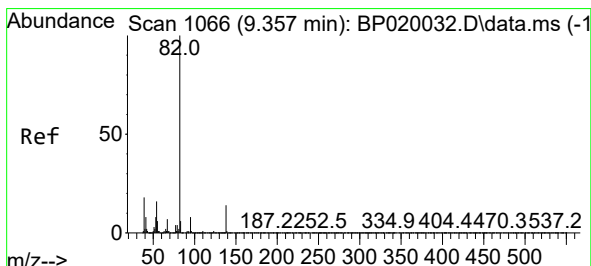
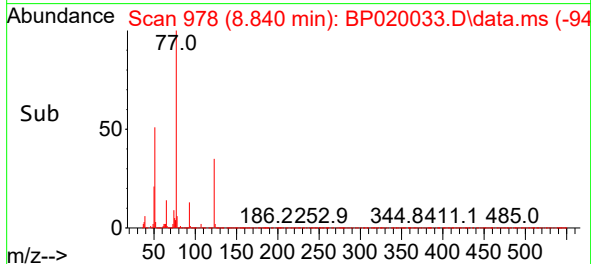
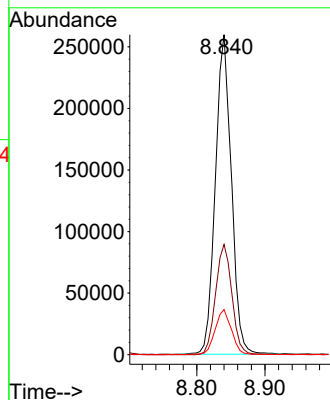
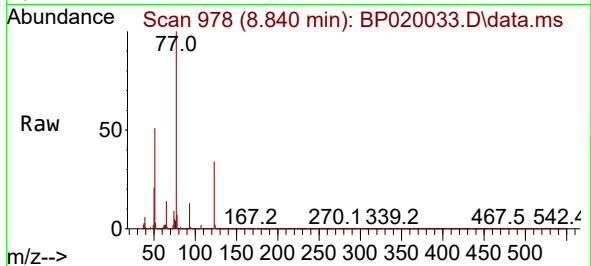




#22
Nitrobenzene
Concen: 43.495 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

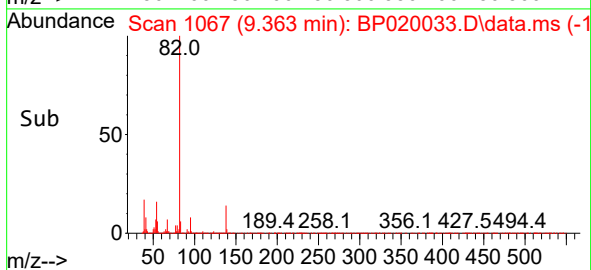
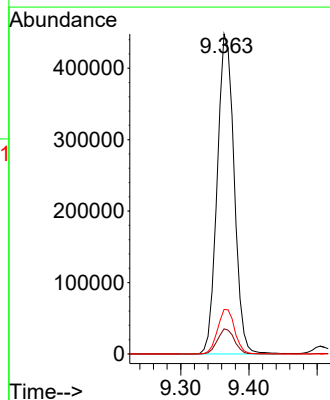
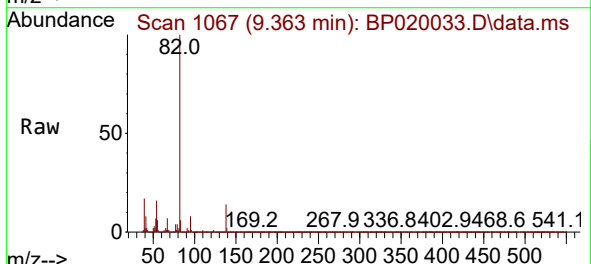
Instrument :
BNA_P
ClientSampleId :
SSTD040612

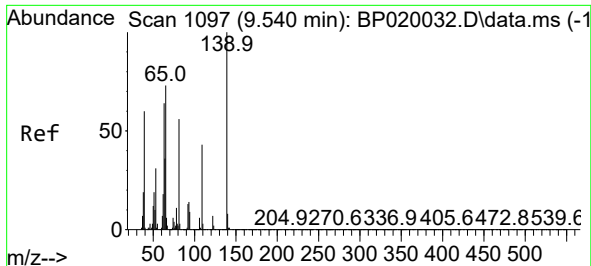
Tgt Ion: 77 Resp: 424390
Ion Ratio Lower Upper
77 100
123 34.5 28.5 42.7
65 14.1 11.7 17.5



#23
Isophorone
Concen: 42.669 ng/ul
RT: 9.363 min Scan# 1067
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion: 82 Resp: 774423
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 13.9 10.9 16.3

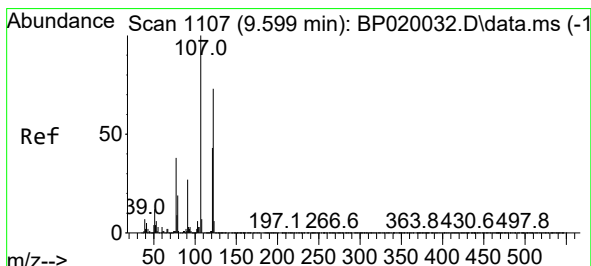
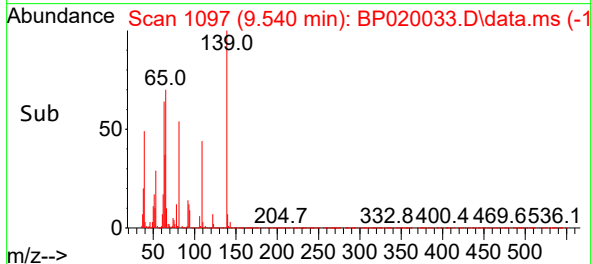
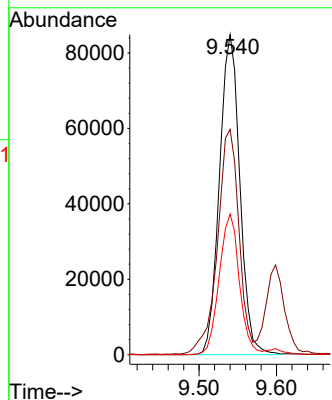
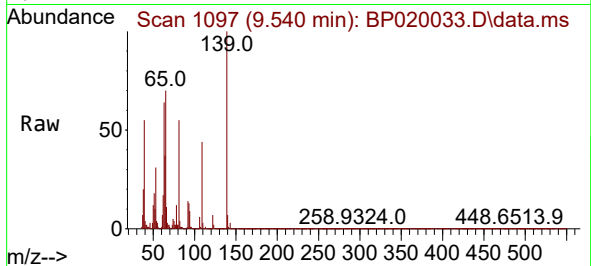




#25
2-Nitrophenol
Concen: 40.258 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

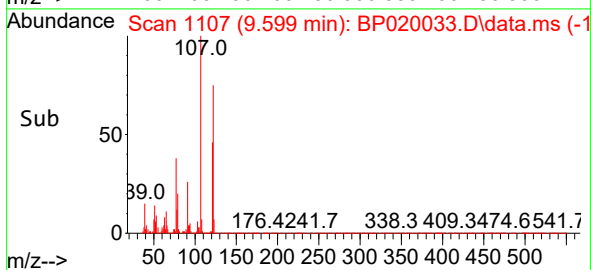
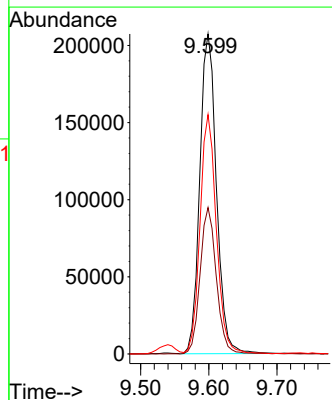
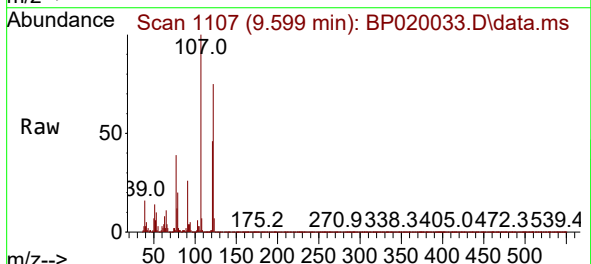
Instrument :
BNA_P
ClientSampleId :
SSTD040612

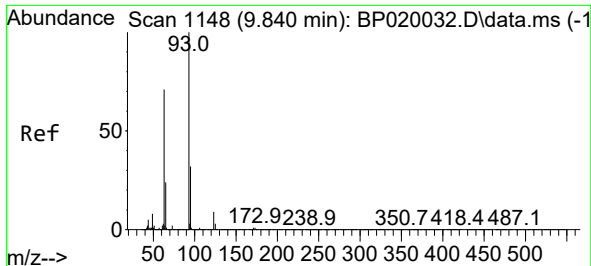
Tgt Ion:139 Resp: 155443
Ion Ratio Lower Upper
139 100
65 70.4 58.6 87.8
109 43.9 34.8 52.2



#26
2,4-Dimethylphenol
Concen: 40.793 ng/ul
RT: 9.599 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:107 Resp: 352289
Ion Ratio Lower Upper
107 100
121 45.8 34.0 51.0
122 74.8 58.9 88.3

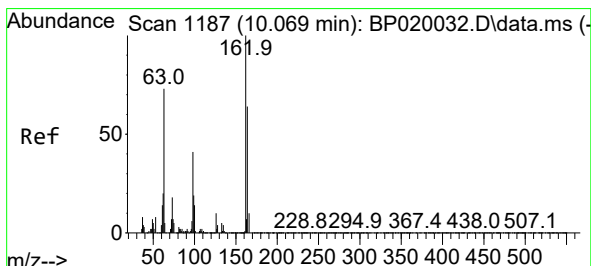
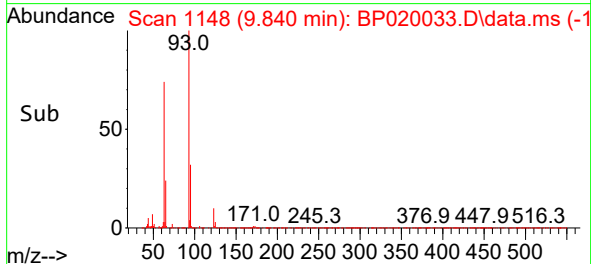
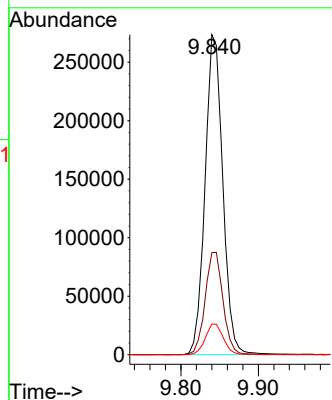
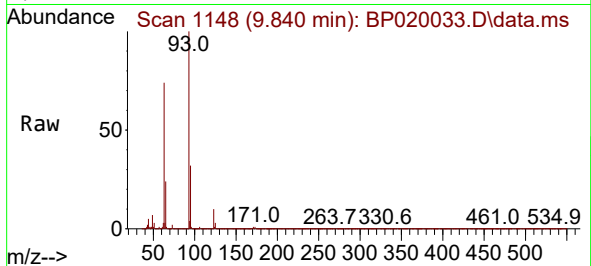




#27
 Bis(2-Chloroethoxy)methane
 Concen: 41.293 ng/ul
 RT: 9.840 min Scan# 1148
 Delta R.T. 0.000 min
 Lab File: BP020033.D
 Acq: 19 Apr 2024 18:17

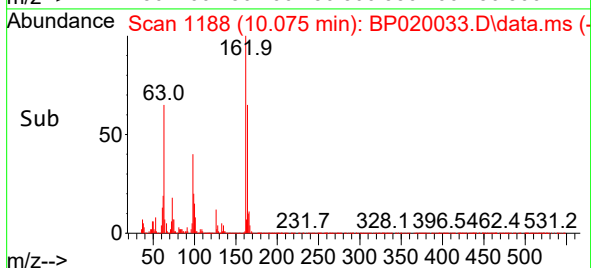
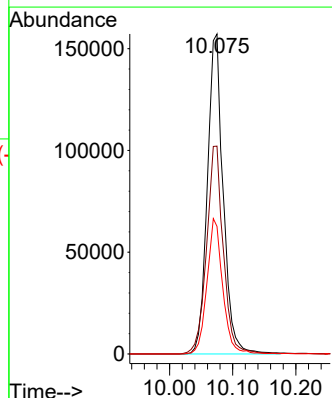
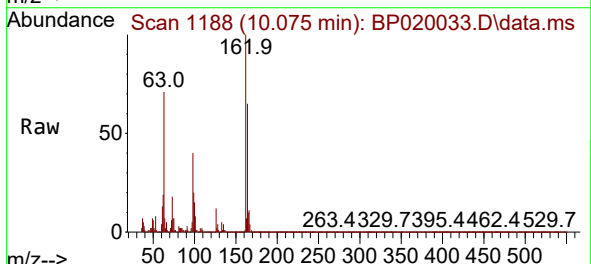
Instrument :
 BNA_P
 ClientSampleId :
 SSTD040612

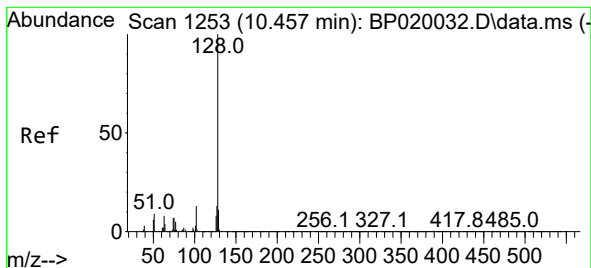
Tgt Ion: 93 Resp: 434395
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.4 38.0
 123 9.6 7.5 11.3



#29
 2,4-Dichlorophenol
 Concen: 40.600 ng/ul
 RT: 10.075 min Scan# 1188
 Delta R.T. 0.006 min
 Lab File: BP020033.D
 Acq: 19 Apr 2024 18:17

Tgt Ion:162 Resp: 273901
 Ion Ratio Lower Upper
 162 100
 164 65.0 51.7 77.5
 98 39.8 32.8 49.2





#30

Naphthalene

Concen: 39.983 ng/ul

RT: 10.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNP_P

ClientSampleId :

SSTD040612

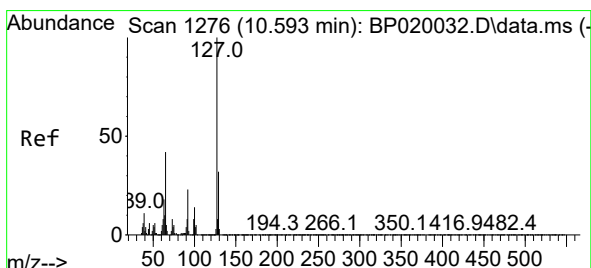
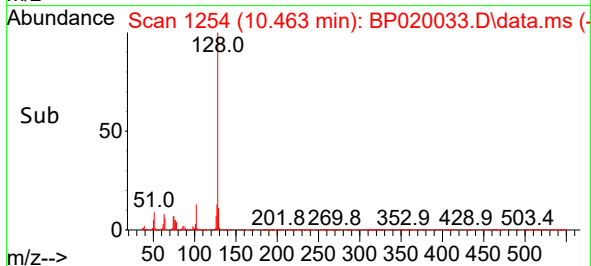
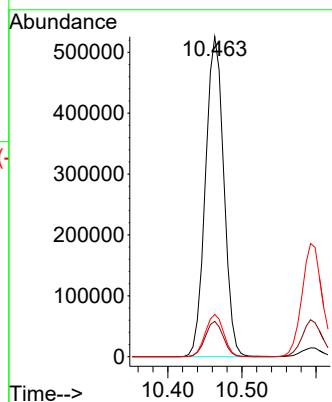
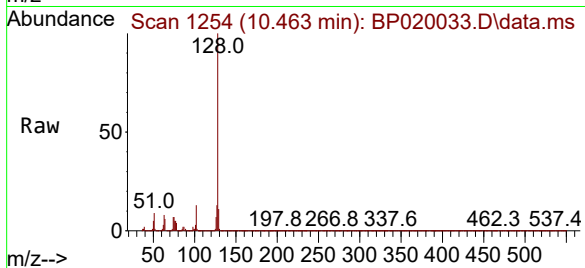
Tgt Ion:128 Resp: 903298

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.2 10.5 15.7



#32

4-Chloroaniline

Concen: 40.785 ng/ul

RT: 10.593 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BP020033.D

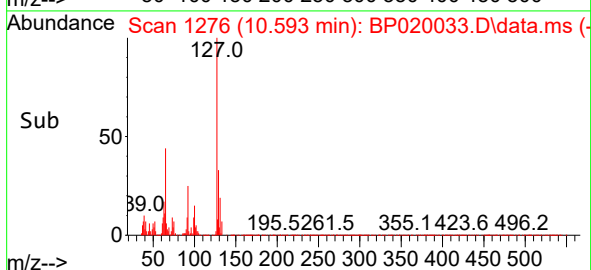
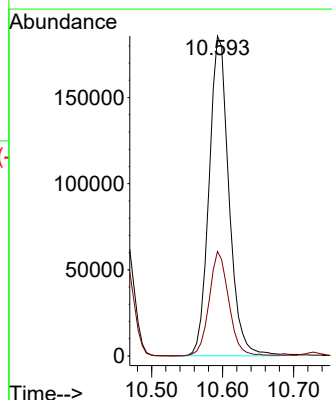
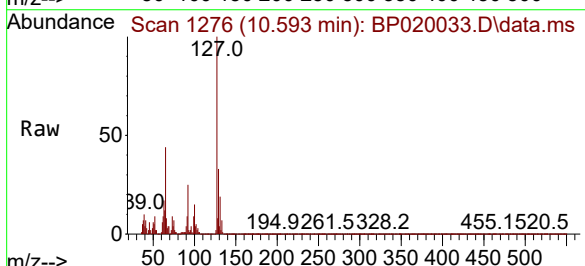
Acq: 19 Apr 2024 18:17

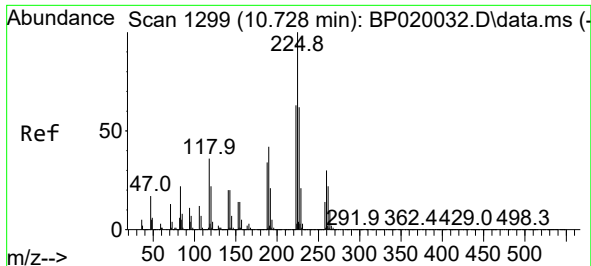
Tgt Ion:127 Resp: 360911

Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

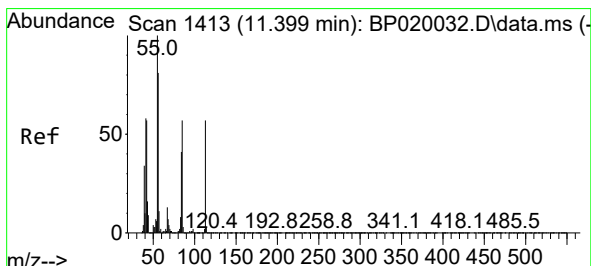
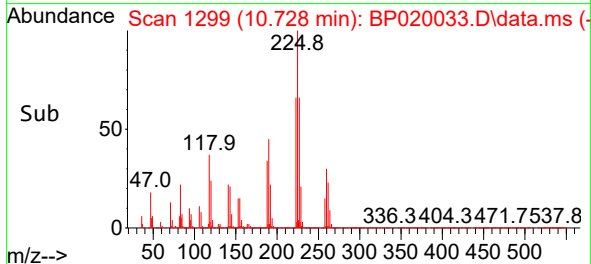
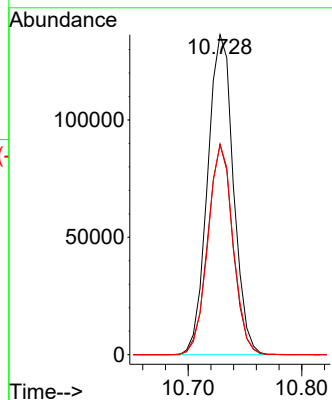
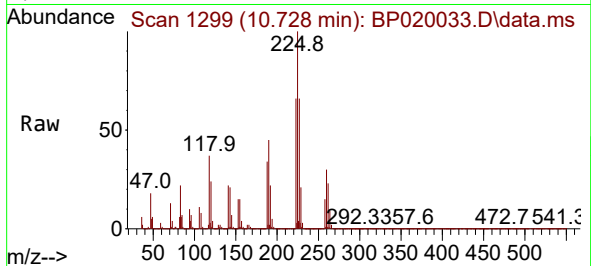




#33
Hexachlorobutadiene
Concen: 40.290 ng/ul
RT: 10.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

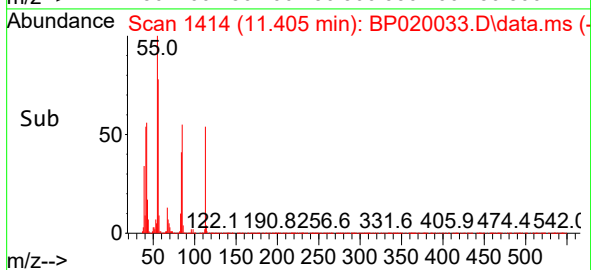
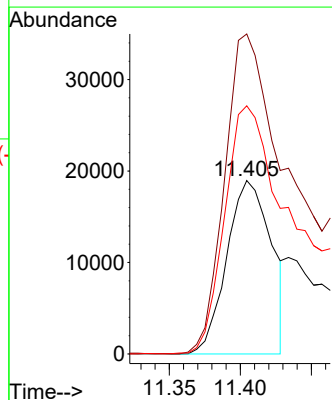
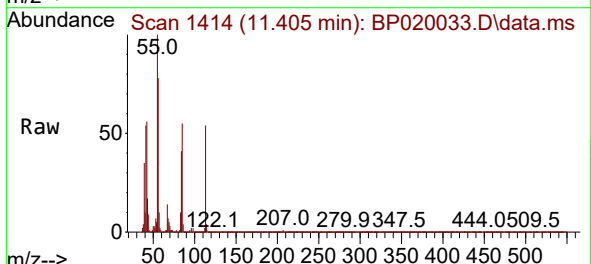
Instrument :
BNA_P
ClientSampleId :
SSTD040612

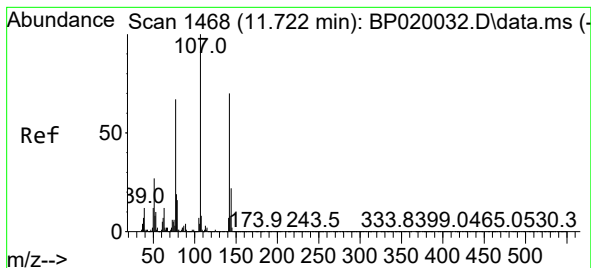
Tgt Ion:225 Resp: 215353
Ion Ratio Lower Upper
225 100
223 65.7 50.5 75.7
227 65.8 52.2 78.4



#34
Caprolactam
Concen: 19.598 ng/ul
RT: 11.405 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:113 Resp: 41322
Ion Ratio Lower Upper
113 100
55 184.4 140.5 210.7
56 143.0 113.8 170.6

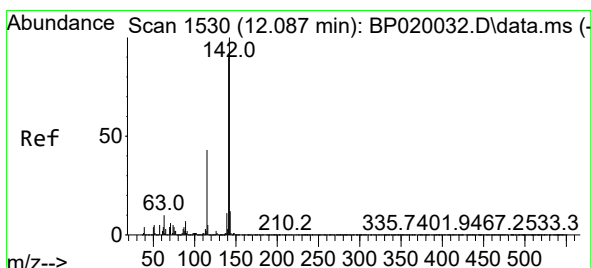
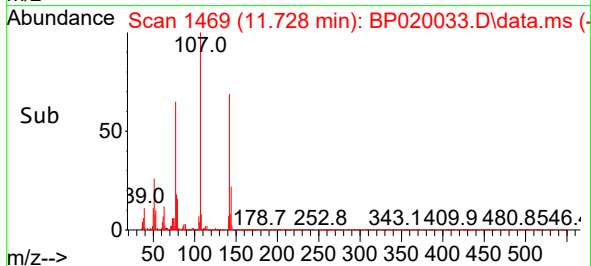
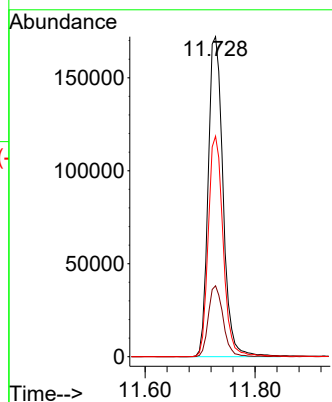
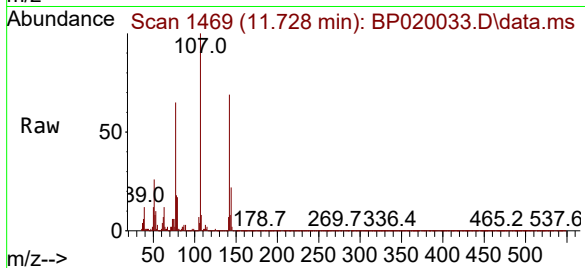




#35
4-Chloro-3-methylphenol
Concen: 42.562 ng/ul
RT: 11.728 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

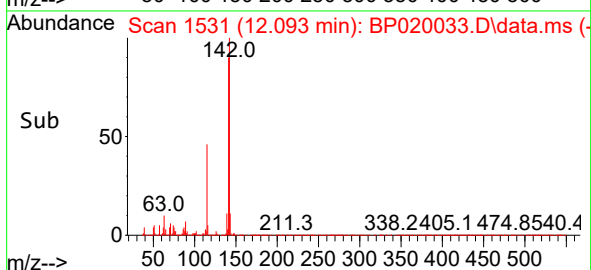
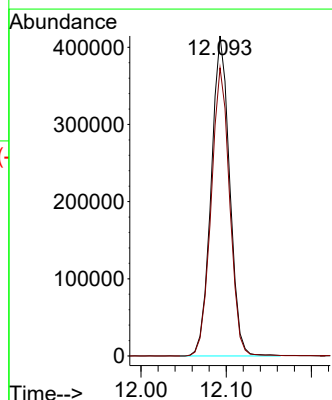
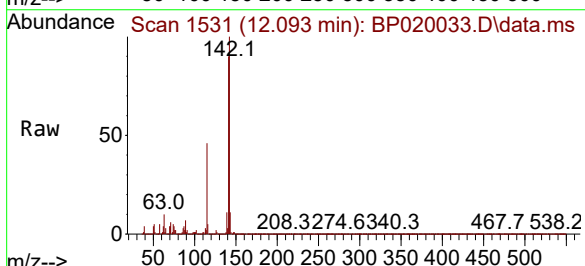
Instrument :
BNA_P
ClientSampleId :
SSTD040612

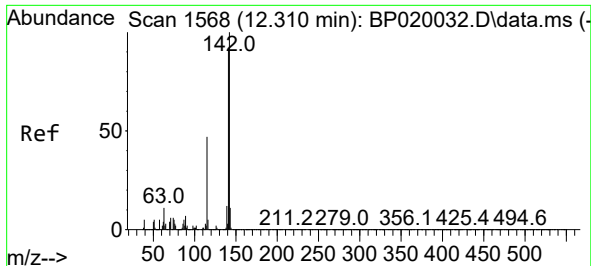
Tgt Ion:107 Resp: 322657
Ion Ratio Lower Upper
107 100
144 22.1 18.0 27.0
142 68.9 56.3 84.5



#36
2-Methylnaphthalene
Concen: 41.076 ng/ul
RT: 12.093 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:142 Resp: 624464
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1

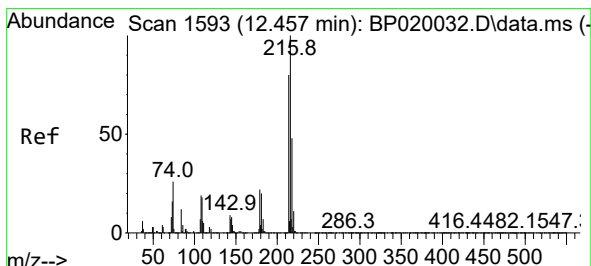
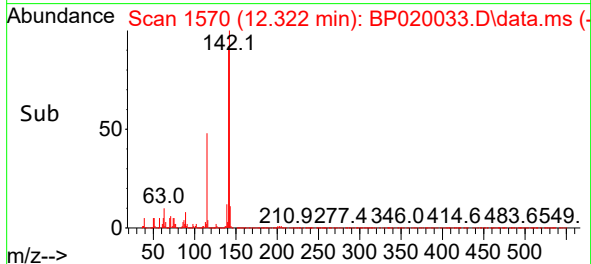
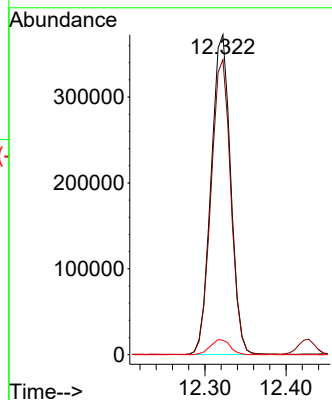
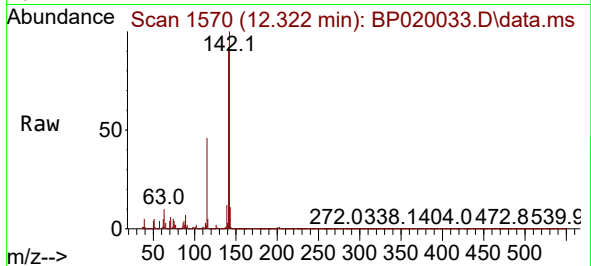




#37
1-Methylnaphthalene
Concen: 41.277 ng/ul
RT: 12.322 min Scan# 1570
Delta R.T. 0.012 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

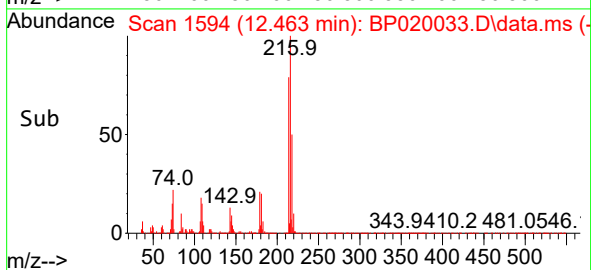
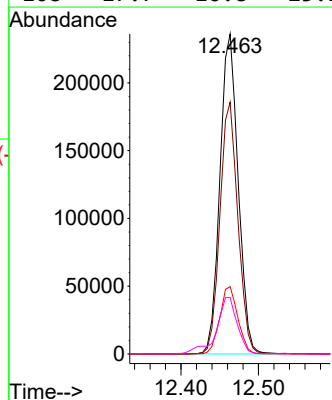
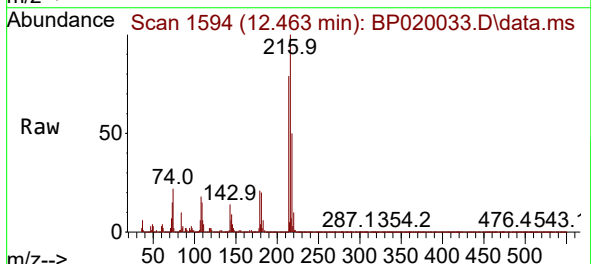
Instrument :
BNA_P
ClientSampleId :
SSTD040612

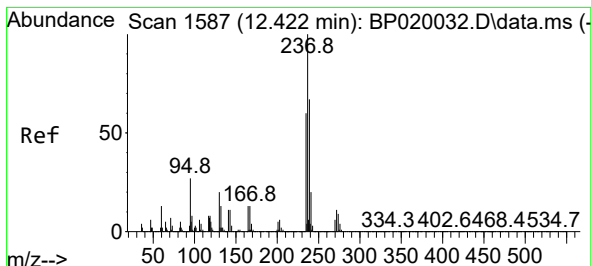
Tgt Ion:142 Resp: 623085
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2
116 4.5 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.741 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:216 Resp: 385564
Ion Ratio Lower Upper
216 100
214 78.7 64.2 96.2
179 21.1 17.3 25.9
108 17.7 16.8 25.2





#40

Hexachlorocyclopentadiene

Concen: 42.278 ng/ul

RT: 12.428 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

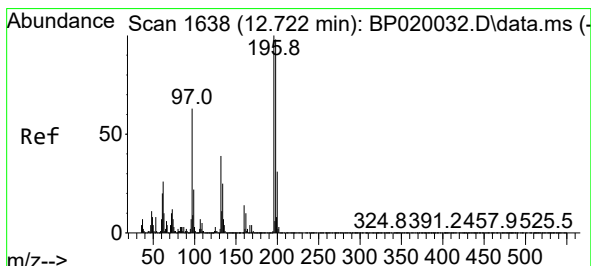
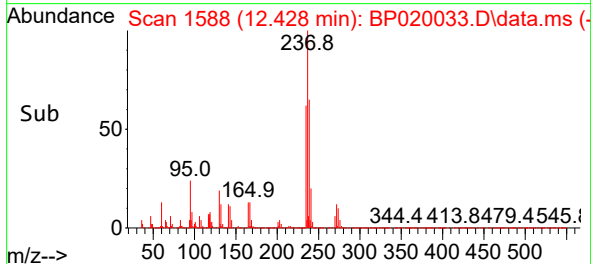
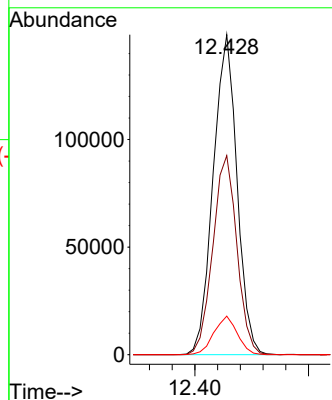
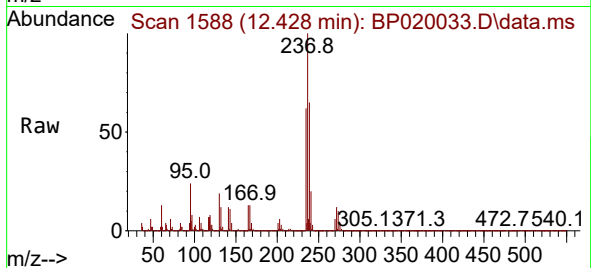
Tgt Ion:237 Resp: 216600

Ion Ratio Lower Upper

237 100

235 62.2 48.2 72.4

272 12.0 9.4 14.0



#41

2,4,6-Trichlorophenol

Concen: 41.218 ng/ul

RT: 12.722 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

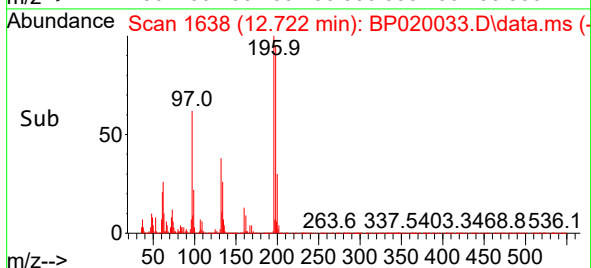
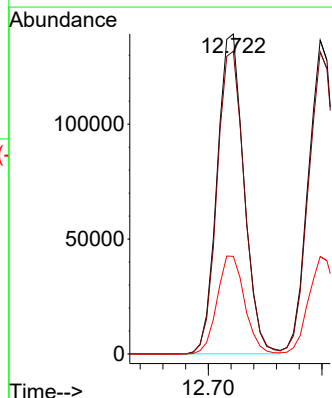
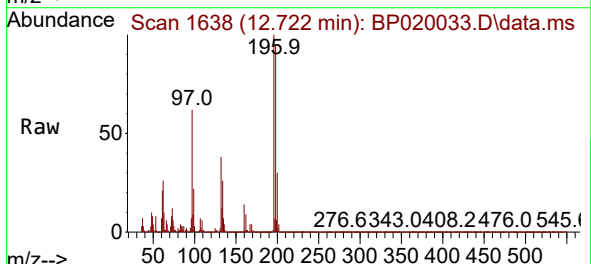
Tgt Ion:196 Resp: 228988

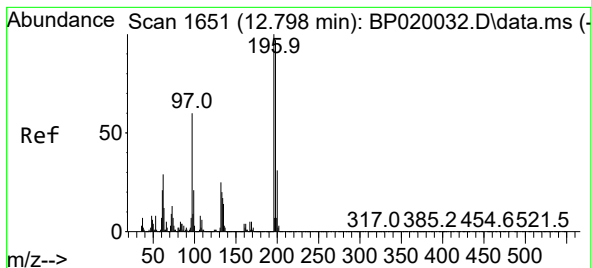
Ion Ratio Lower Upper

196 100

198 94.6 78.8 118.2

200 30.5 24.9 37.3





#42

2,4,5-Trichlorophenol

Concen: 40.780 ng/ul

RT: 12.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

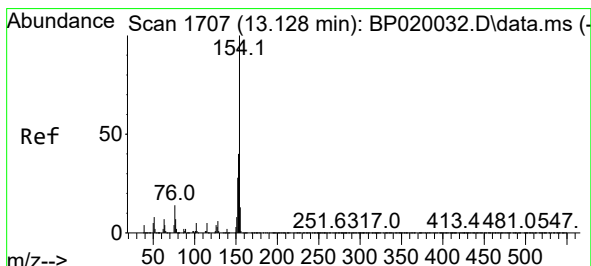
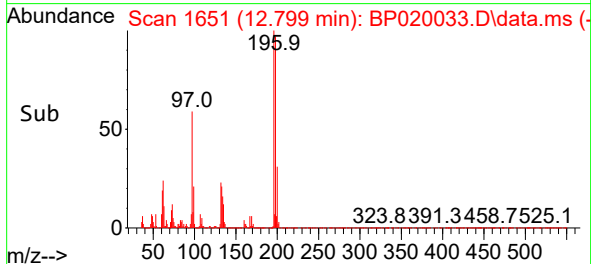
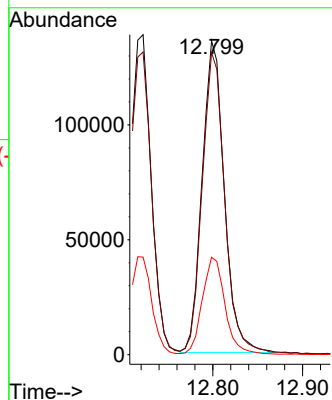
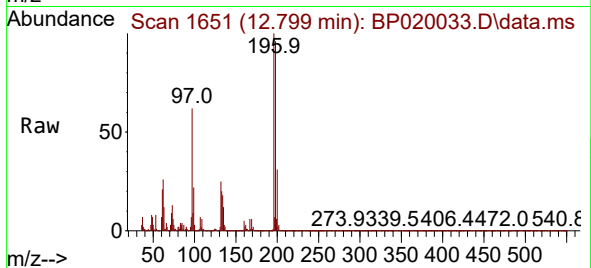
Tgt Ion:196 Resp: 232571

Ion Ratio Lower Upper

196 100

198 96.2 77.5 116.3

200 31.0 24.5 36.7



#43

1,1'-Biphenyl

Concen: 41.872 ng/ul

RT: 13.128 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

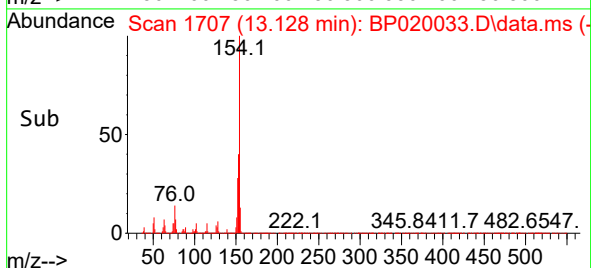
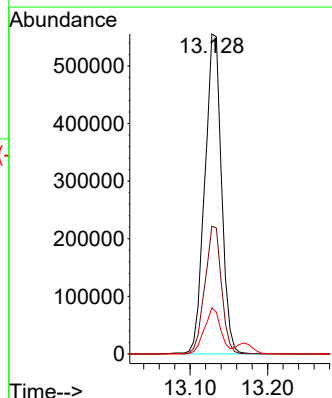
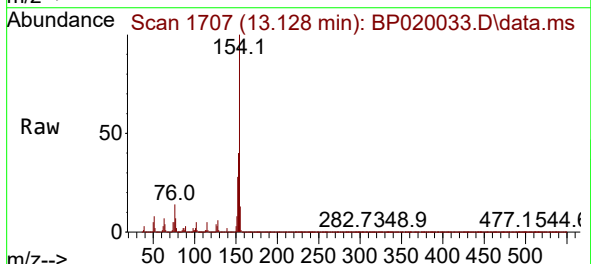
Tgt Ion:154 Resp: 829019

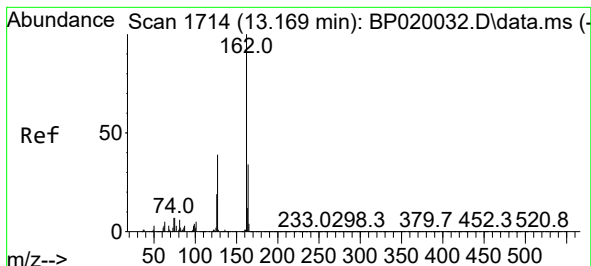
Ion Ratio Lower Upper

154 100

153 40.0 32.2 48.4

76 14.4 11.3 16.9

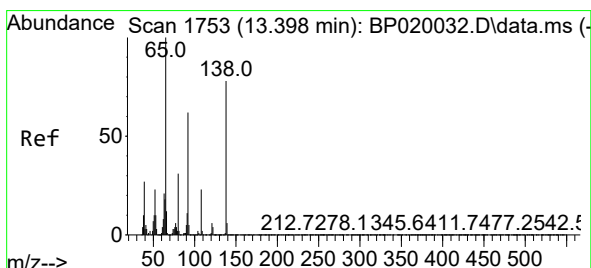
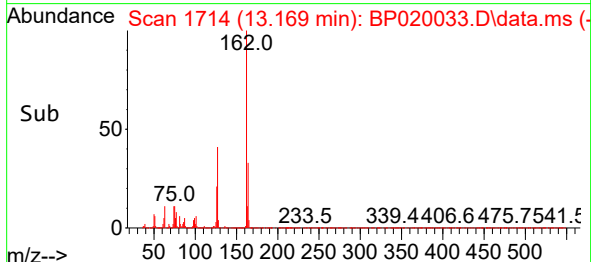
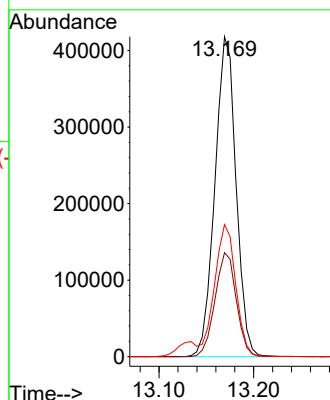
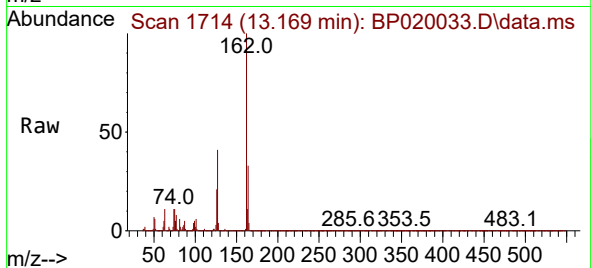




#44
2-Chloronaphthalene
Concen: 40.414 ng/ul
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

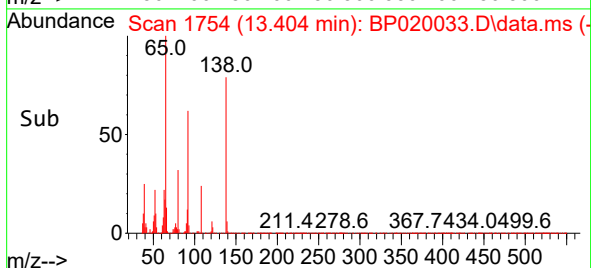
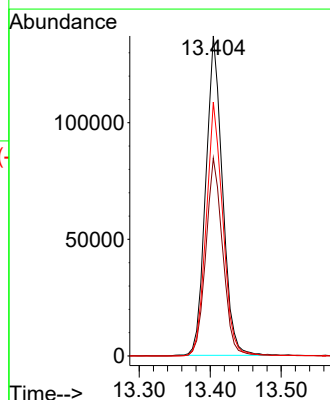
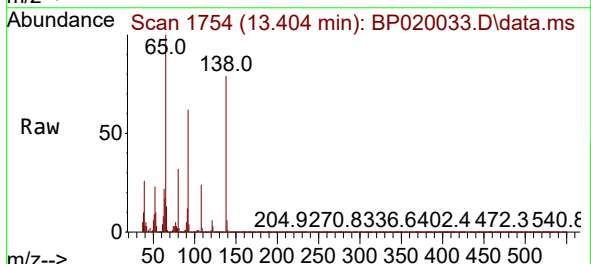
Instrument :
BNA_P
ClientSampleId :
SSTD040612

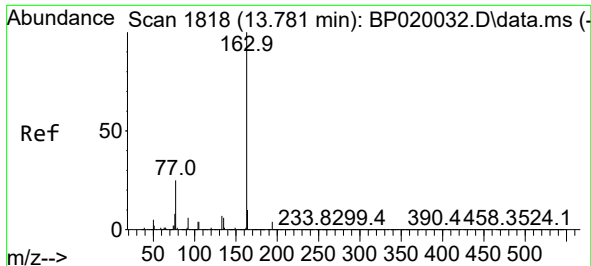
Tgt Ion:162 Resp: 649067
Ion Ratio Lower Upper
162 100
164 32.5 27.0 40.6
127 41.3 33.7 50.5



#45
2-Nitroaniline
Concen: 44.126 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion: 65 Resp: 224242
Ion Ratio Lower Upper
65 100
92 61.8 49.4 74.0
138 79.3 62.2 93.4

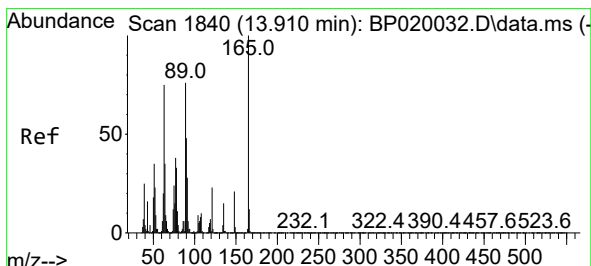
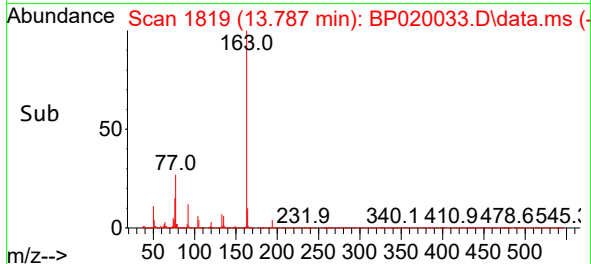
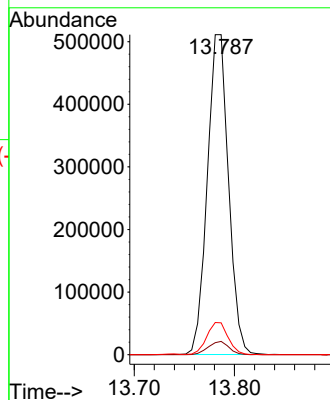
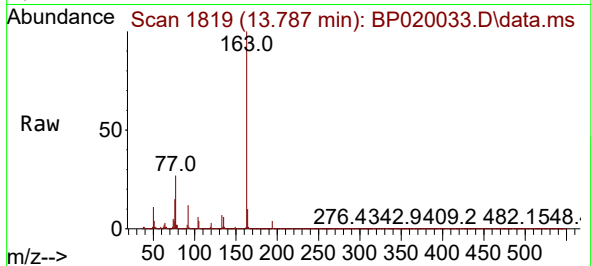




#47
Dimethylphthalate
Concen: 38.537 ng/ul
RT: 13.787 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

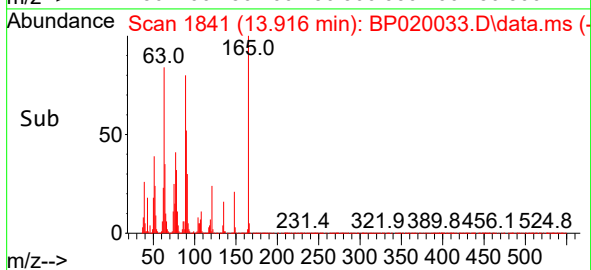
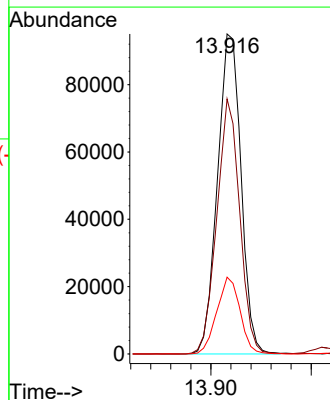
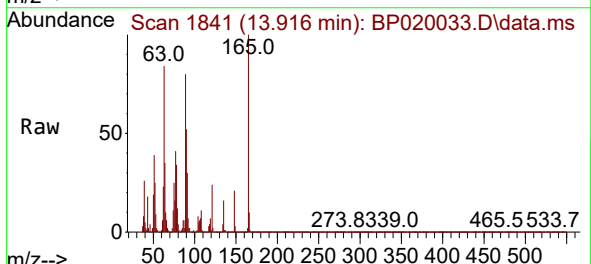
Instrument :
BNA_P
ClientSampleId :
SSTD040612

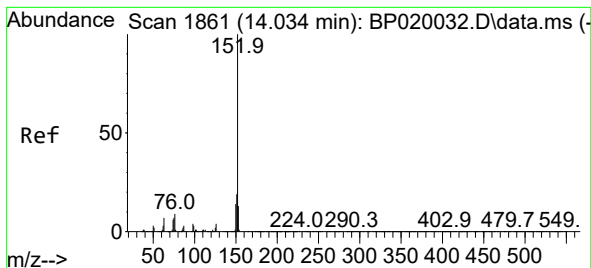
Tgt Ion:163 Resp: 752710
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 39.206 ng/ul
RT: 13.916 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:165 Resp: 154791
Ion Ratio Lower Upper
165 100
89 79.7 61.0 91.4
121 24.0 18.7 28.1





#50

Acenaphthylene

Concen: 41.193 ng/ul

RT: 14.046 min Scan# 1861

Delta R.T. 0.012 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

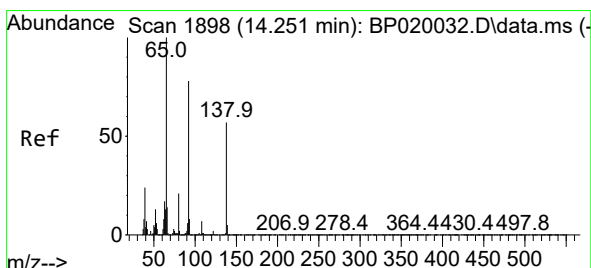
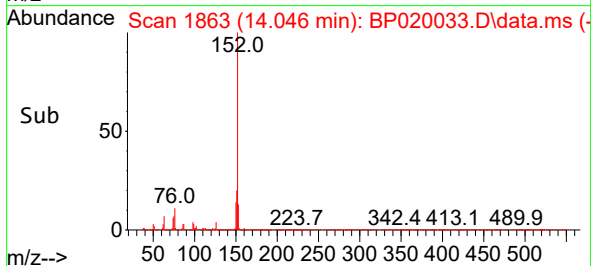
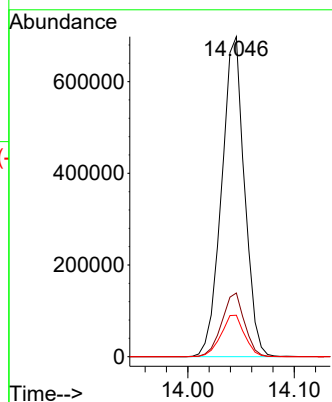
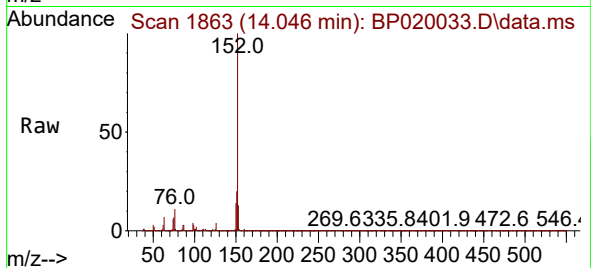
Tgt Ion:152 Resp: 1037020

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.2

153 13.0 10.6 16.0



#51

3-Nitroaniline

Concen: 38.359 ng/ul

RT: 14.257 min Scan# 1899

Delta R.T. 0.006 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

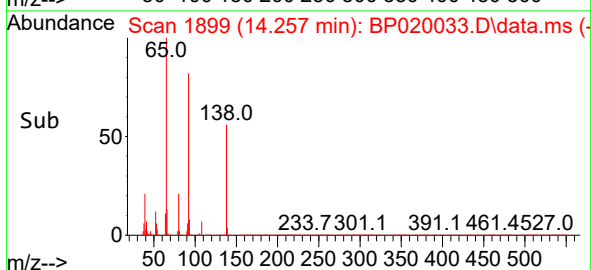
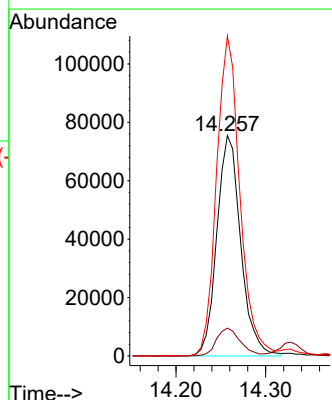
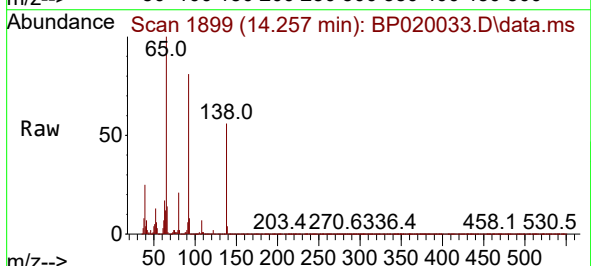
Tgt Ion:138 Resp: 139042

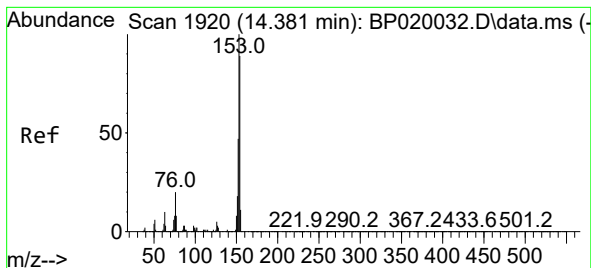
Ion Ratio Lower Upper

138 100

108 12.6 10.4 15.6

92 145.1 108.4 162.6





#52

Acenaphthene

Concen: 40.818 ng/ul

RT: 14.398 min Scan# 1923

Delta R.T. 0.018 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

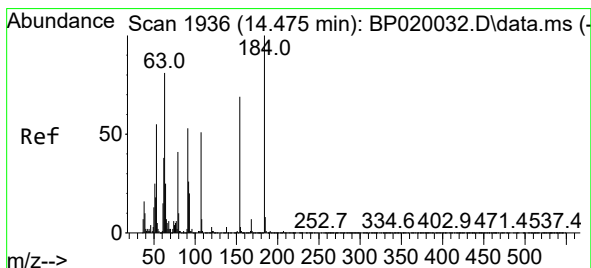
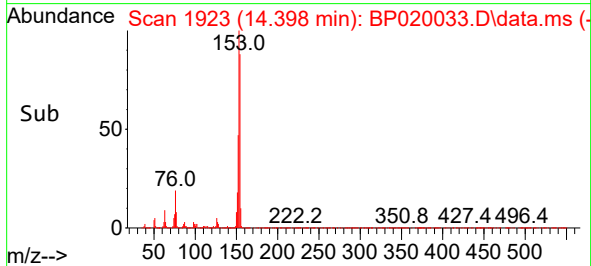
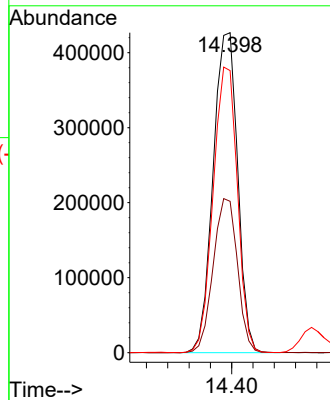
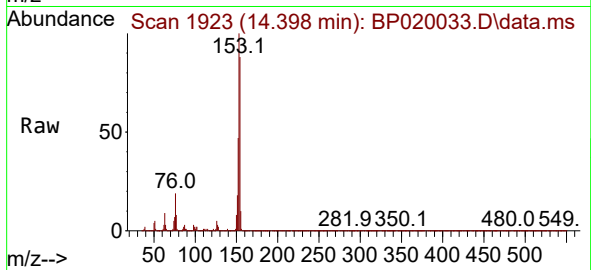
Tgt Ion:153 Resp: 680961

Ion Ratio Lower Upper

153 100

152 47.3 37.9 56.9

154 88.2 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 37.008 ng/ul

RT: 14.475 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

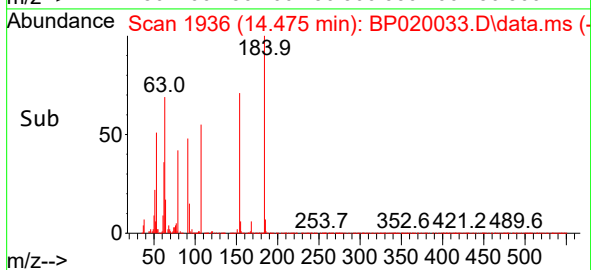
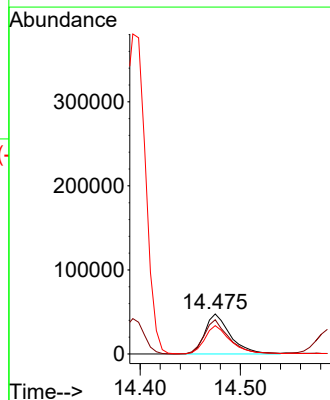
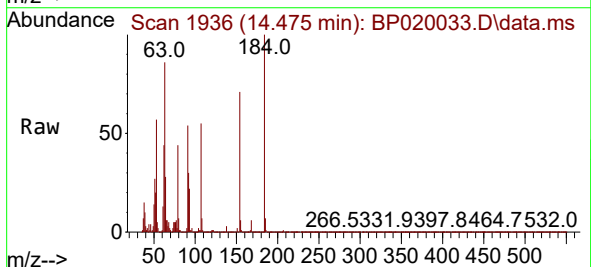
Tgt Ion:184 Resp: 83590

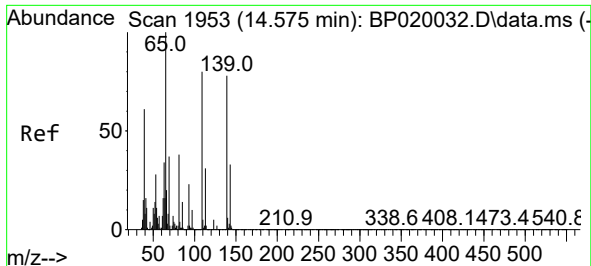
Ion Ratio Lower Upper

184 100

63 85.6 65.0 97.6

154 71.1 55.4 83.2

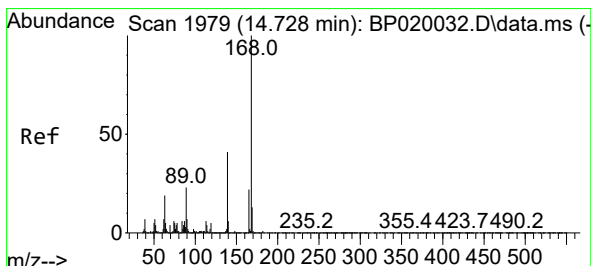
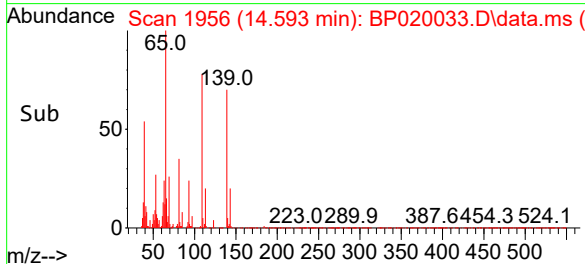
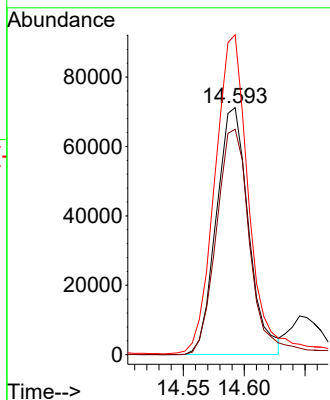
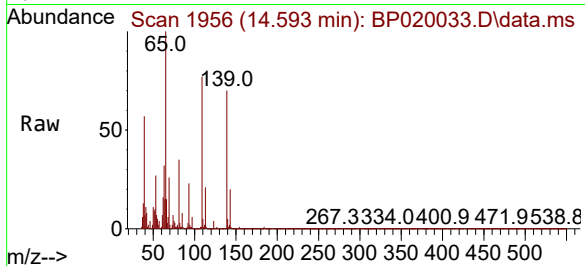




#55
4-Nitrophenol
Concen: 45.095 ng/ul
RT: 14.593 min Scan# 1956
Delta R.T. 0.018 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

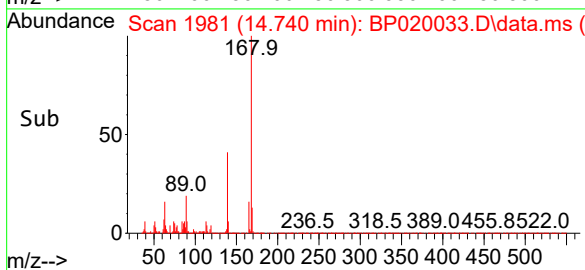
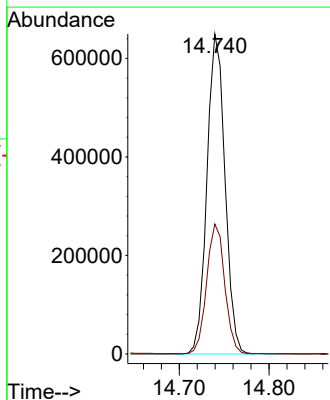
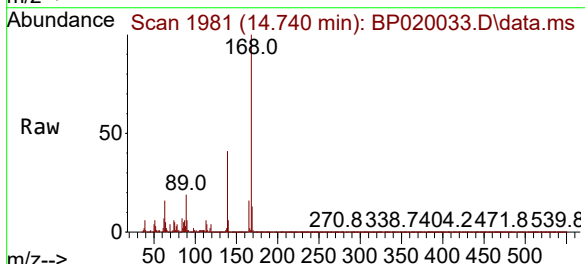
Instrument :
BNA_P
ClientSampleId :
SSTD040612

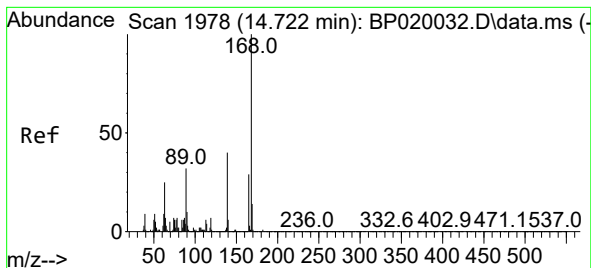
Tgt Ion:109 Resp: 130819
Ion Ratio Lower Upper
109 100
139 91.2 77.9 116.9
65 129.5 100.9 151.3



#56
Dibenzofuran
Concen: 39.690 ng/ul
RT: 14.740 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:168 Resp: 904871
Ion Ratio Lower Upper
168 100
139 40.6 32.6 49.0

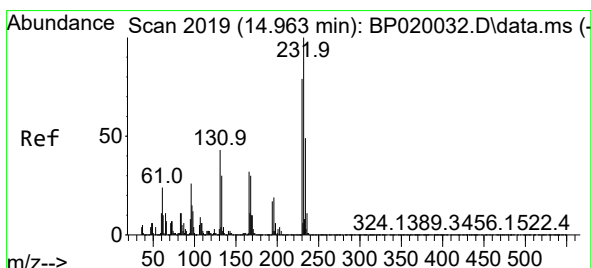
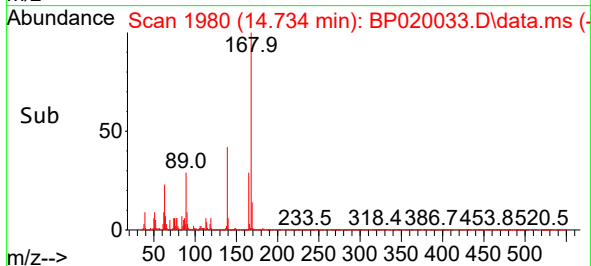
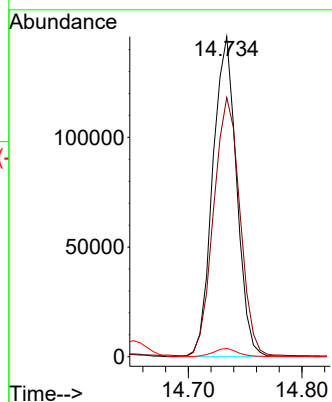
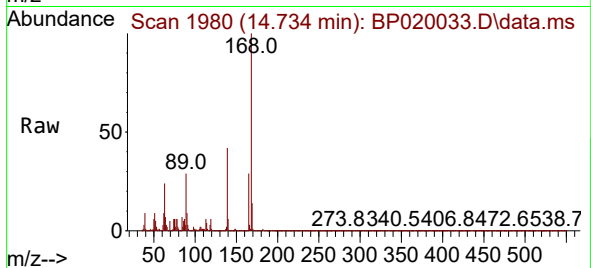




#57
2,4-Dinitrotoluene
Concen: 39.338 ng/ul
RT: 14.734 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

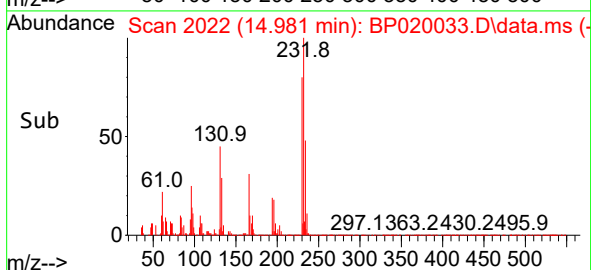
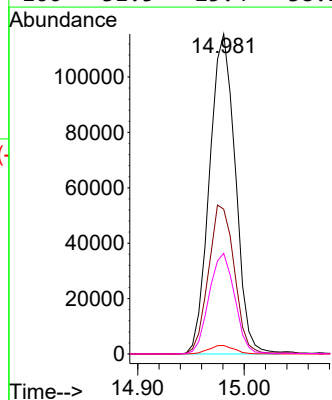
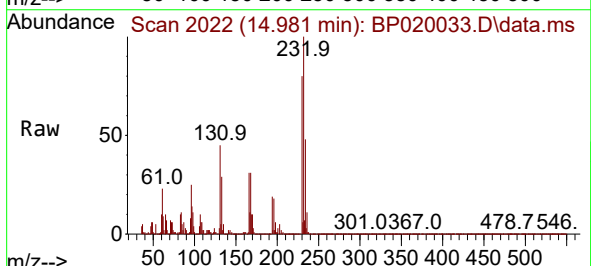
Instrument :
BNA_P
ClientSampleId :
SSTD040612

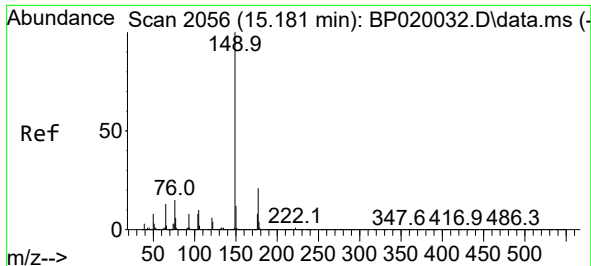
Tgt Ion:165 Resp: 212375
Ion Ratio Lower Upper
165 100
63 81.0 70.2 105.4
182 2.6 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.229 ng/ul
RT: 14.981 min Scan# 2022
Delta R.T. 0.018 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:232 Resp: 194381
Ion Ratio Lower Upper
232 100
131 45.3 34.5 51.7
130 2.7 2.4 3.6
166 31.5 25.4 38.2

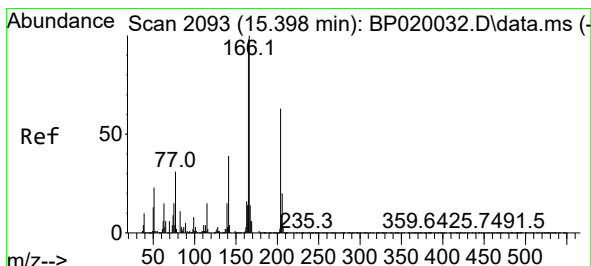
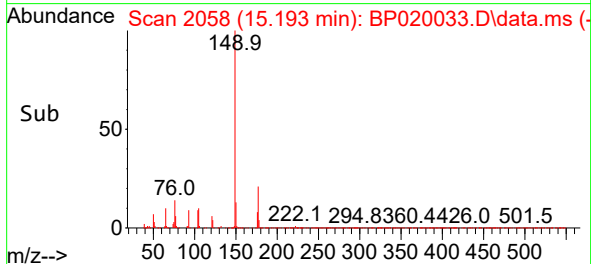
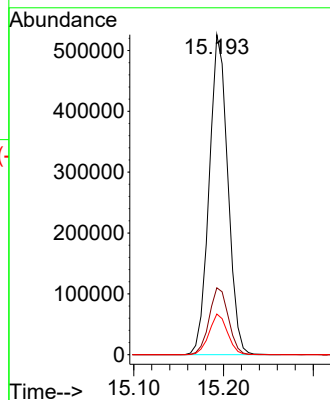
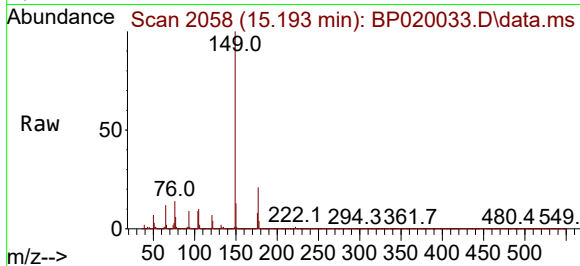




#59
Diethylphthalate
Concen: 38.779 ng/ul
RT: 15.193 min Scan# 2058
Delta R.T. 0.012 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

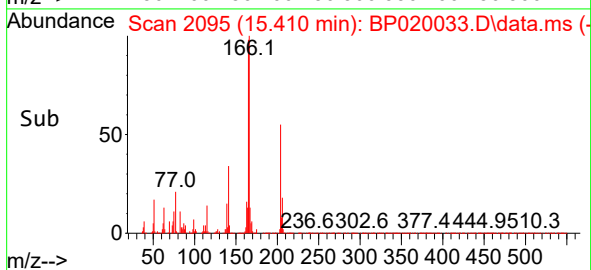
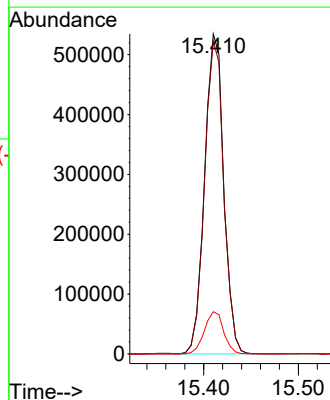
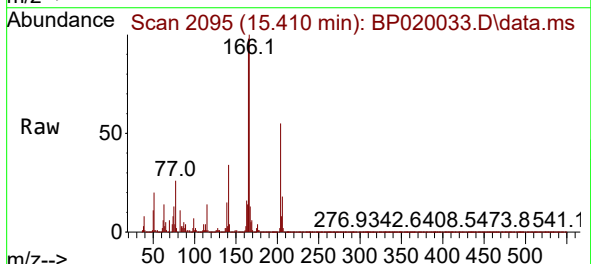
Instrument :
BNA_P
ClientSampleId :
SSTD040612

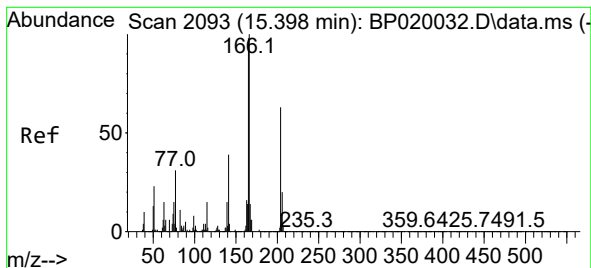
Tgt Ion:149 Resp: 757714
Ion Ratio Lower Upper
149 100
177 20.9 16.9 25.3
150 12.7 9.9 14.9



#61
Fluorene
Concen: 39.958 ng/ul
RT: 15.410 min Scan# 2095
Delta R.T. 0.012 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:166 Resp: 746883
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.4
167 13.2 10.9 16.3

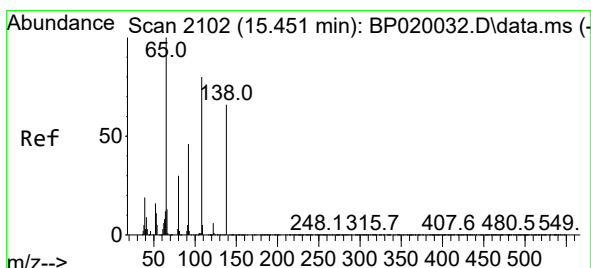
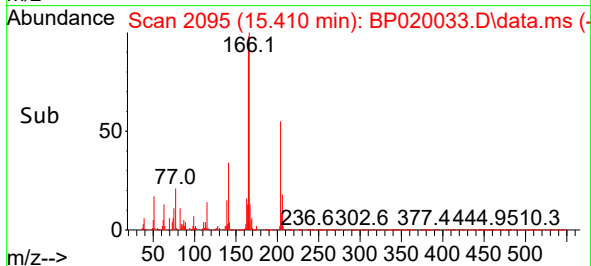
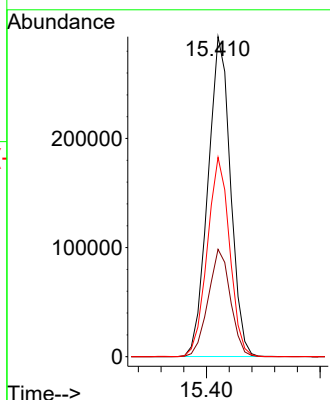
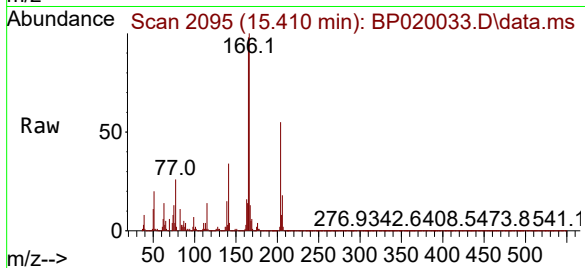




#62
4-Chlorophenyl-phenylether
Concen: 40.050 ng/ul
RT: 15.410 min Scan# 2095
Delta R.T. 0.012 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

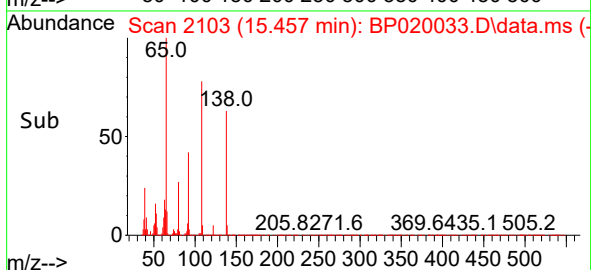
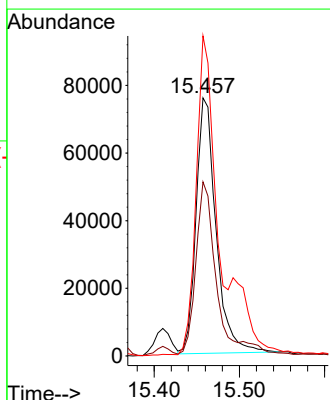
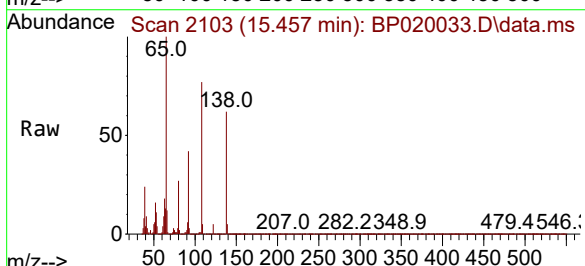
Instrument :
BNA_P
ClientSampleId :
SSTD040612

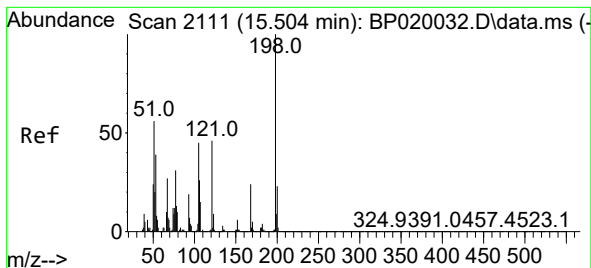
Tgt Ion:204 Resp: 403201
Ion Ratio Lower Upper
204 100
206 33.6 25.1 37.7
141 62.3 49.3 73.9



#63
4-Nitroaniline
Concen: 39.380 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:138 Resp: 123102
Ion Ratio Lower Upper
138 100
92 67.4 55.2 82.8
108 124.0 95.4 143.0

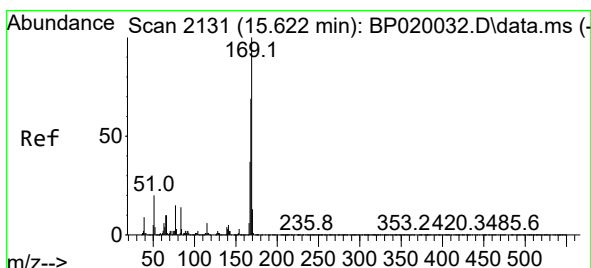
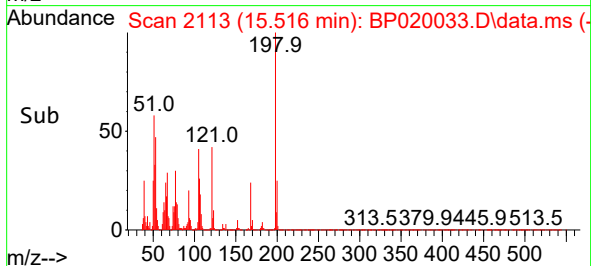
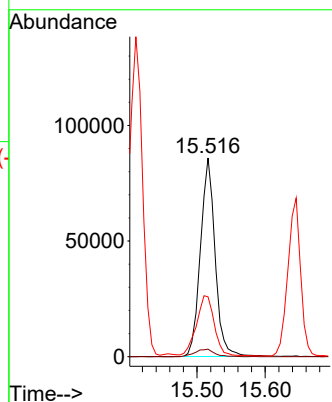
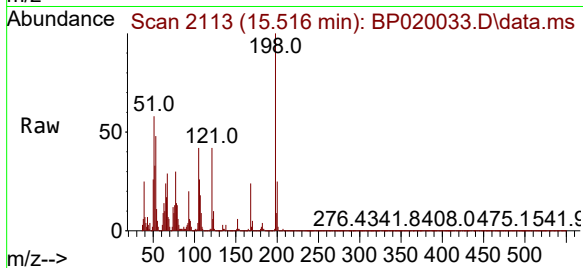




#66
4,6-Dinitro-2-methylphenol
Concen: 38.294 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

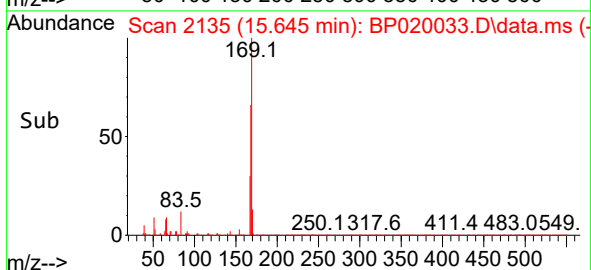
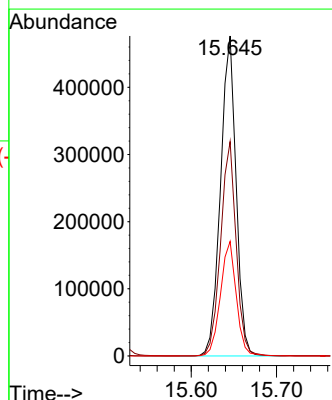
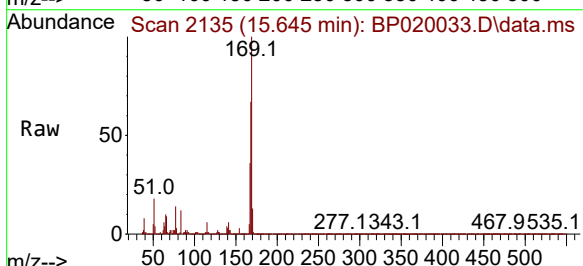
Instrument :
BNA_P
ClientSampleId :
SSTD040612

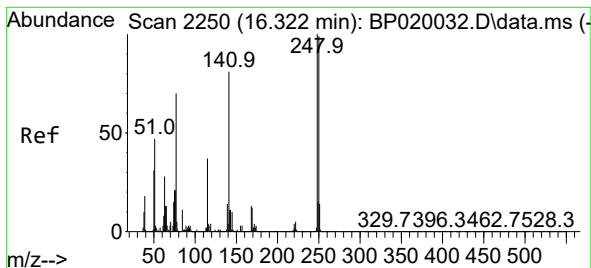
Tgt Ion:198 Resp: 128575
Ion Ratio Lower Upper
198 100
182 3.8 3.0 4.6
77 30.1 25.6 38.4



#67
N-Nitrosodiphenylamine
Concen: 41.082 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. 0.024 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:169 Resp: 604401
Ion Ratio Lower Upper
169 100
168 67.0 55.0 82.6
167 35.8 29.5 44.3

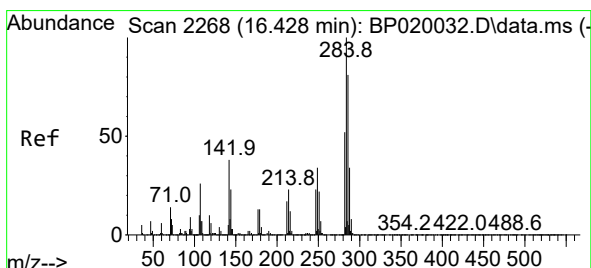
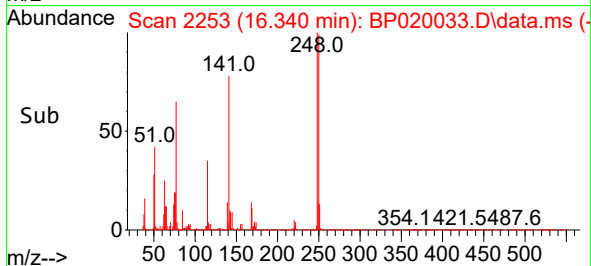
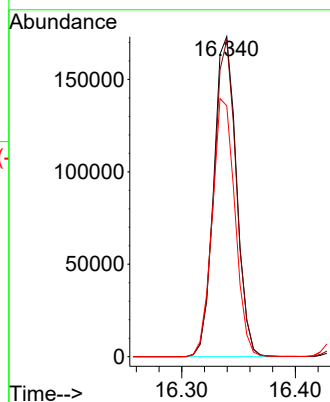
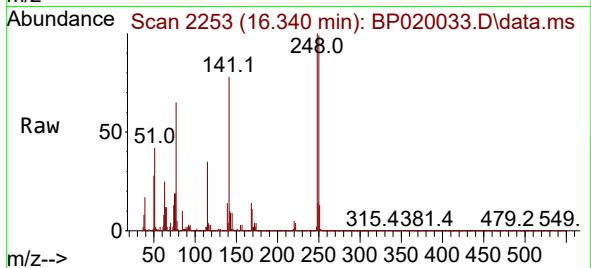




#68
4-Bromophenyl-phenylether
Concen: 41.338 ng/ul
RT: 16.340 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

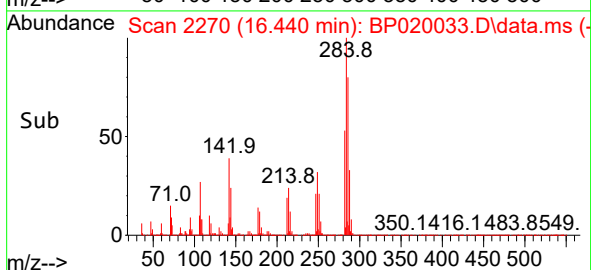
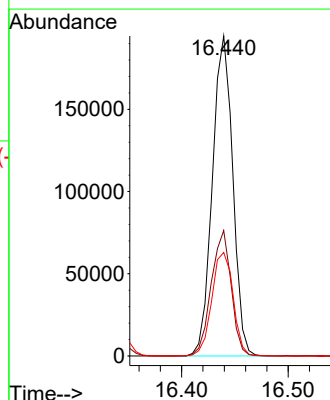
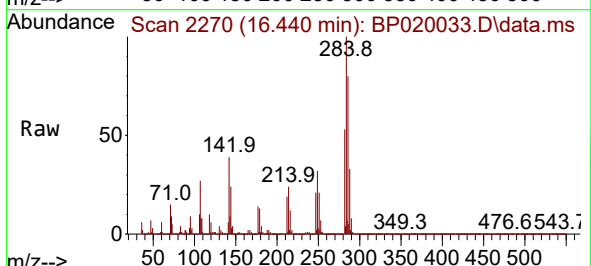
Instrument :
BNA_P
ClientSampleId :
SSTD040612

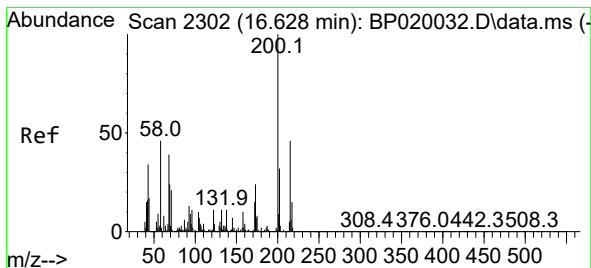
Tgt Ion:248 Resp: 239703
Ion Ratio Lower Upper
248 100
250 98.9 79.2 118.8
141 78.4 65.1 97.7



#69
Hexachlorobenzene
Concen: 40.338 ng/ul
RT: 16.440 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BP020033.D
Acq: 19 Apr 2024 18:17

Tgt Ion:284 Resp: 257998
Ion Ratio Lower Upper
284 100
142 39.2 30.6 45.8
249 32.3 26.9 40.3





#70

Atrazine

Concen: 38.710 ng/ul

RT: 16.640 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

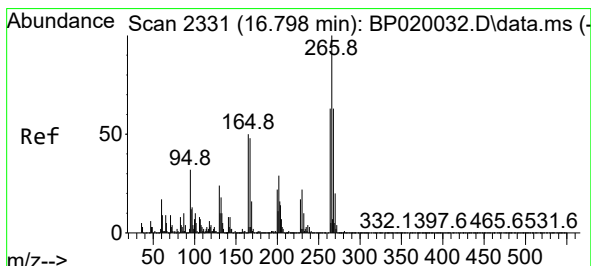
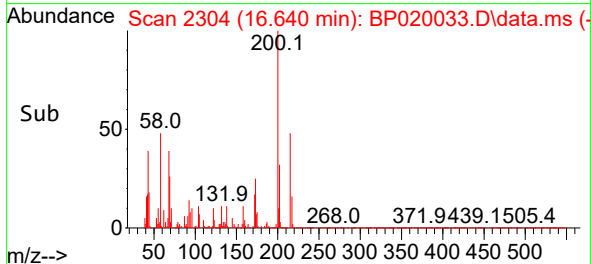
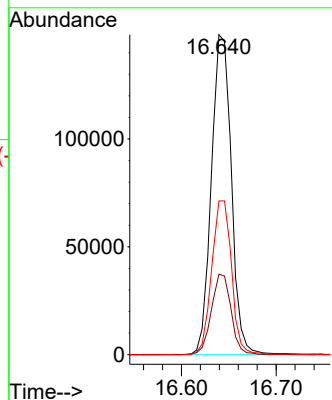
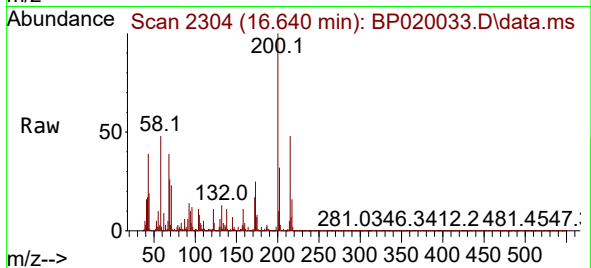
Tgt Ion:200 Resp: 217109

Ion Ratio Lower Upper

200 100

173 25.1 19.3 28.9

215 48.0 36.6 54.8



#71

Pentachlorophenol

Concen: 40.659 ng/ul

RT: 16.804 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

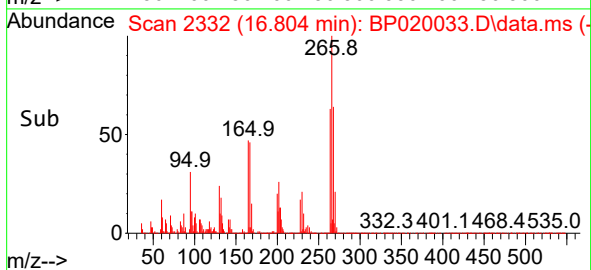
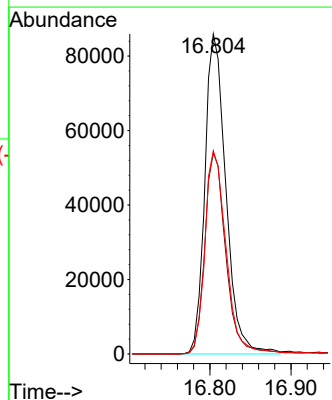
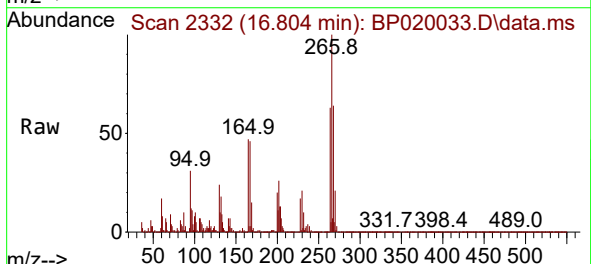
Tgt Ion:266 Resp: 154314

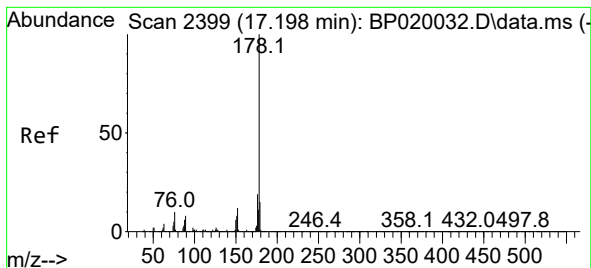
Ion Ratio Lower Upper

266 100

264 62.8 50.6 75.8

268 63.6 50.3 75.5





#72

Phenanthrene

Concen: 40.303 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. 0.018 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

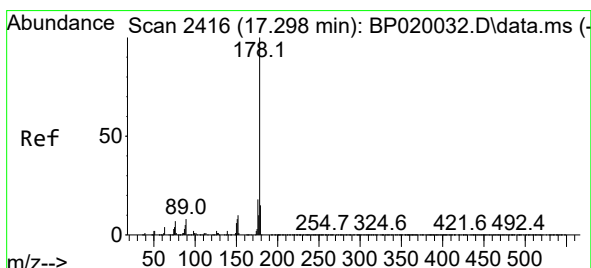
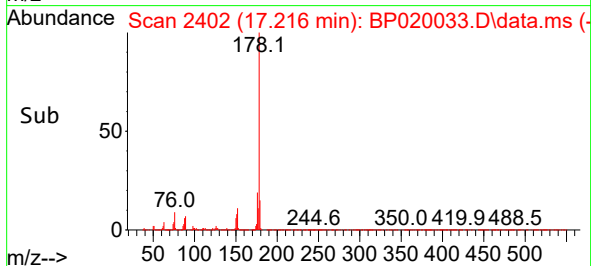
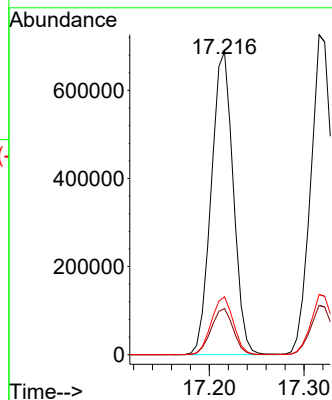
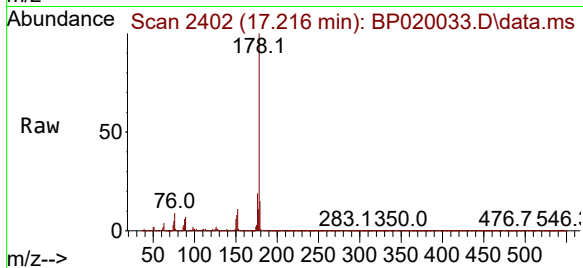
Tgt Ion:178 Resp: 1110279

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 19.1 15.5 23.3



#74

Anthracene

Concen: 40.589 ng/ul

RT: 17.316 min Scan# 2419

Delta R.T. 0.018 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

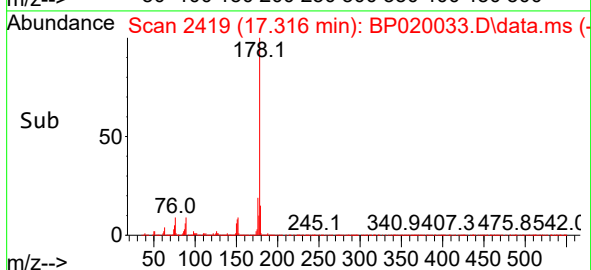
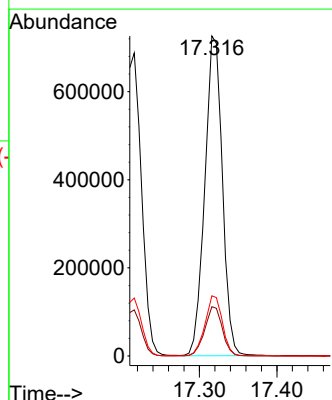
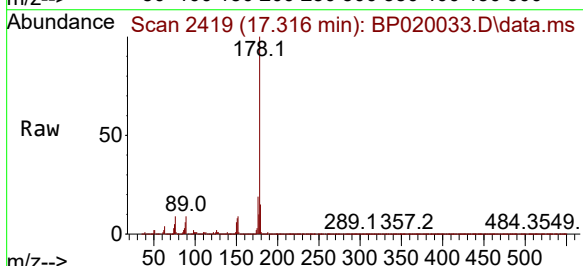
Tgt Ion:178 Resp: 1143080

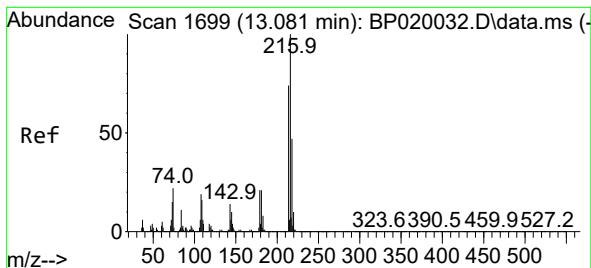
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 18.8 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 43.346 ng/uL

RT: 13.087 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

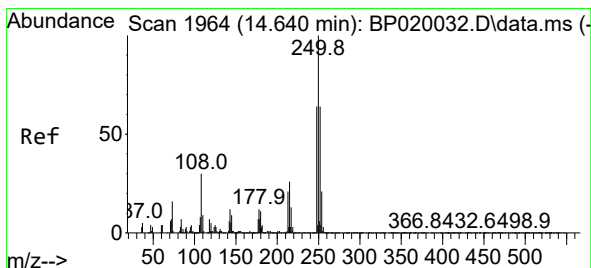
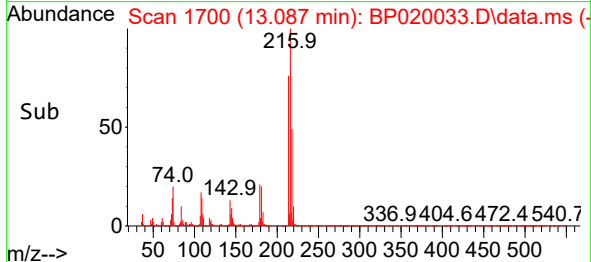
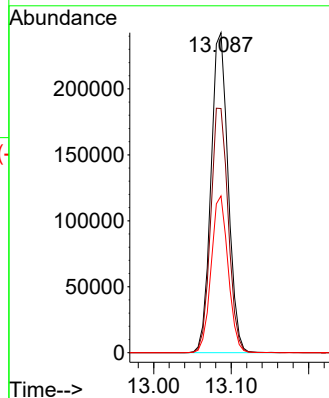
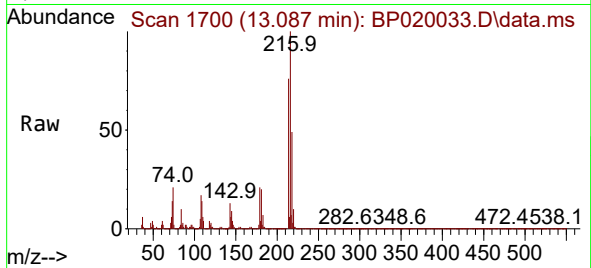
Tgt Ion:216 Resp: 372395

Ion Ratio Lower Upper

216 100

214 76.3 59.3 88.9

218 49.0 37.8 56.8



#76

Pentachlorobenzene

Concen: 41.782 ng/uL

RT: 14.651 min Scan# 1966

Delta R.T. 0.012 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

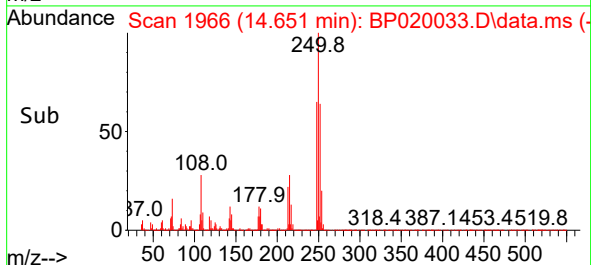
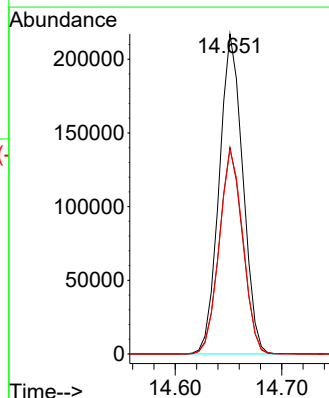
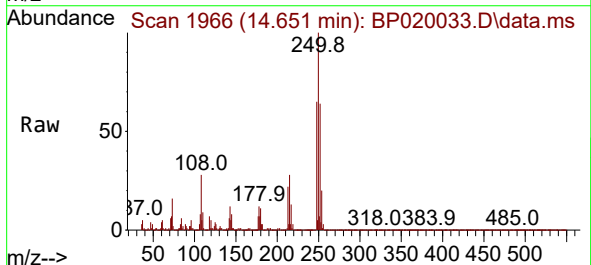
Tgt Ion:250 Resp: 333648

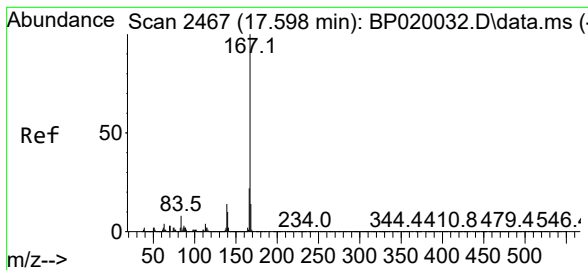
Ion Ratio Lower Upper

250 100

248 64.5 51.2 76.8

252 64.0 50.9 76.3

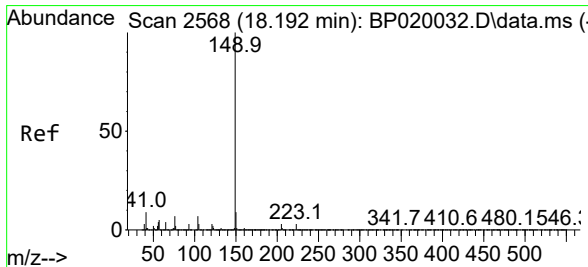
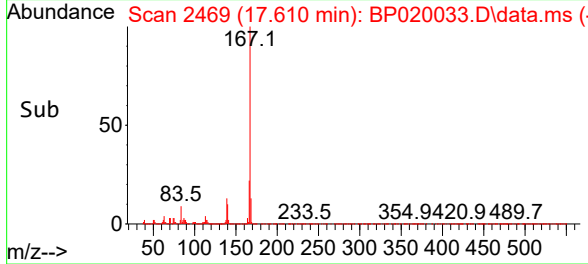
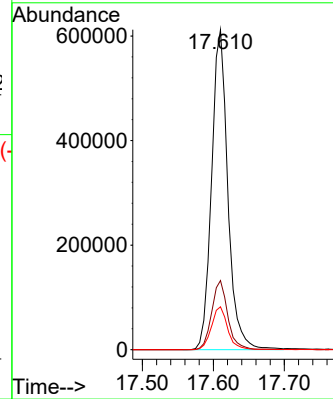
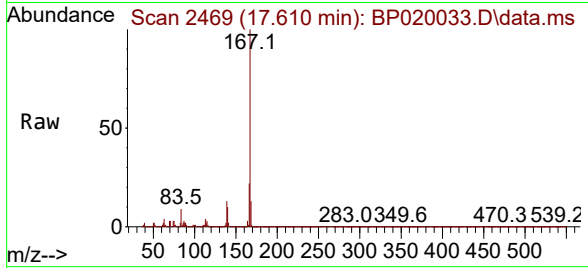




#77
 Carbazole
 Concen: 40.515 ng/ul
 RT: 17.610 min Scan# 2467
 Delta R.T. 0.012 min
 Lab File: BP020033.D
 Acq: 19 Apr 2024 18:17

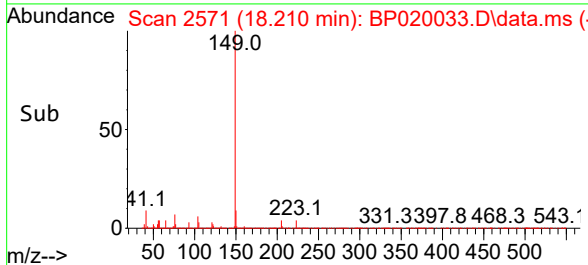
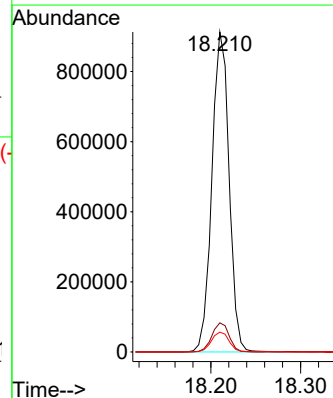
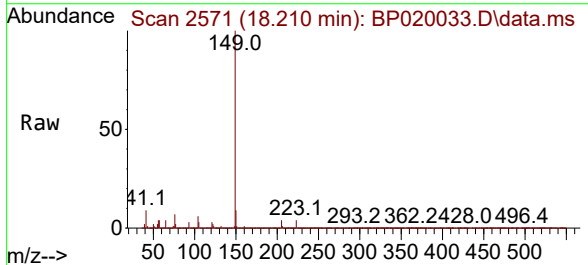
Instrument :
 BNA_P
 ClientSampleId :
 SSTD040612

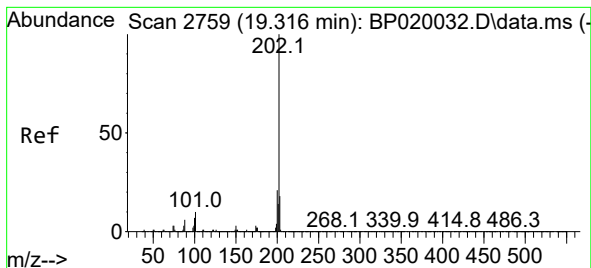
Tgt	Ion:167	Resp:	974663
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.4	10.9	16.3



#78
 Di-n-butylphthalate
 Concen: 40.750 ng/ul
 RT: 18.210 min Scan# 2571
 Delta R.T. 0.018 min
 Lab File: BP020033.D
 Acq: 19 Apr 2024 18:17

Tgt Ion:149	Resp: 1212183		
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	6.2	5.3	7.9





#80

Fluoranthene

Concen: 37.245 ng/ul

RT: 19.328 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

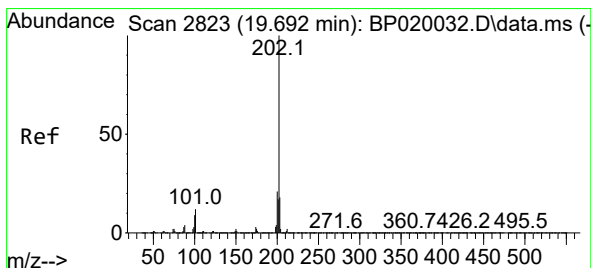
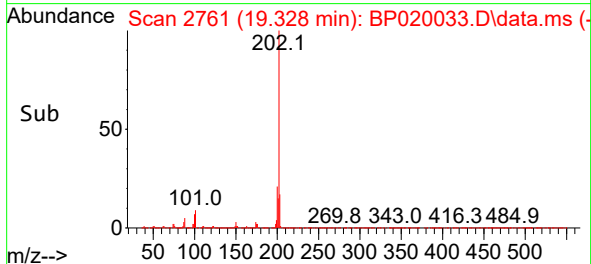
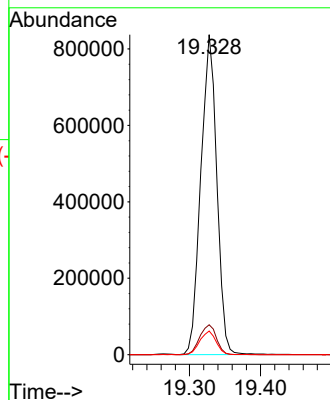
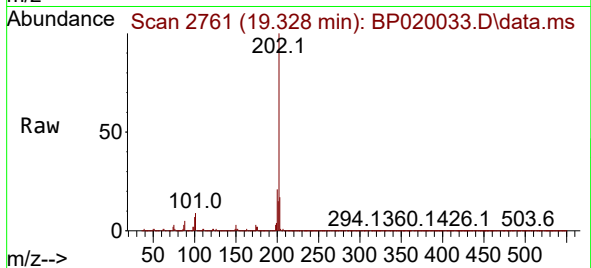
Tgt Ion:202 Resp: 1311916

Ion Ratio Lower Upper

202 100

101 9.3 7.7 11.5

100 7.4 5.7 8.5



#82

Pyrene

Concen: 37.652 ng/ul

RT: 19.704 min Scan# 2825

Delta R.T. 0.012 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

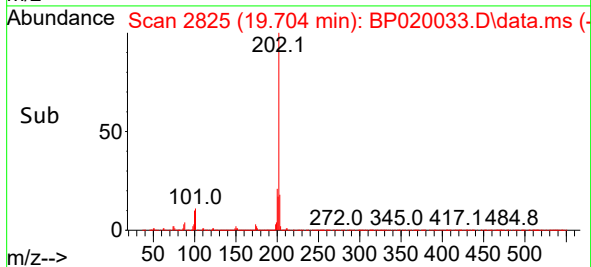
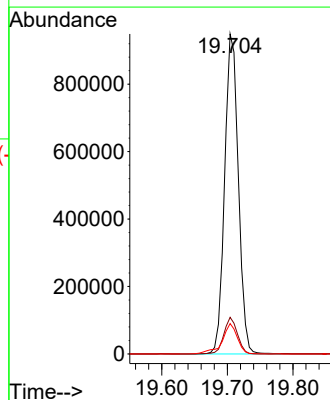
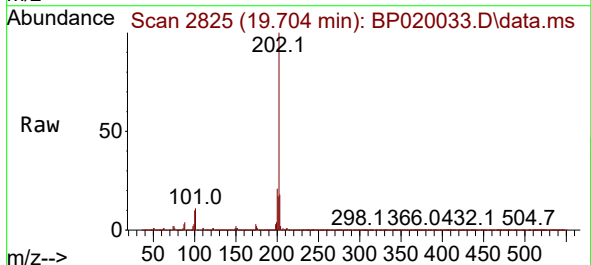
Tgt Ion:202 Resp: 1370878

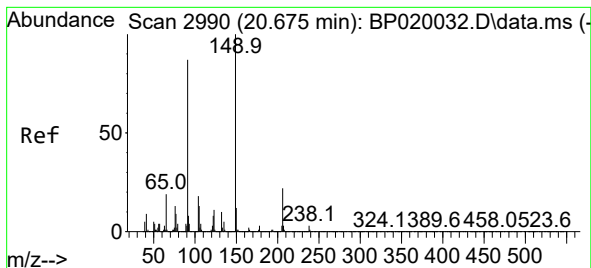
Ion Ratio Lower Upper

202 100

101 11.5 9.3 13.9

100 9.5 7.6 11.4





#83

Butylbenzylphthalate

Concen: 38.353 ng/ul

RT: 20.675 min Scan# 2990

Delta R.T. 0.000 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

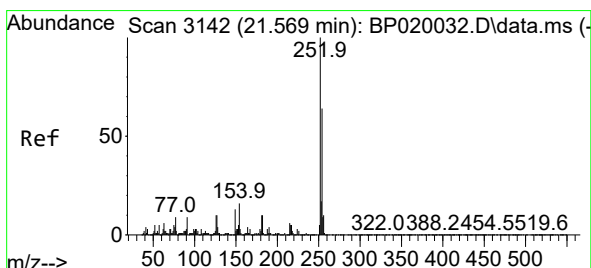
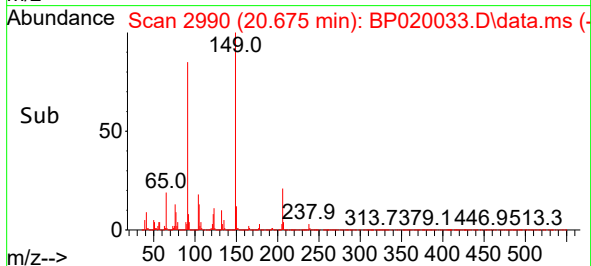
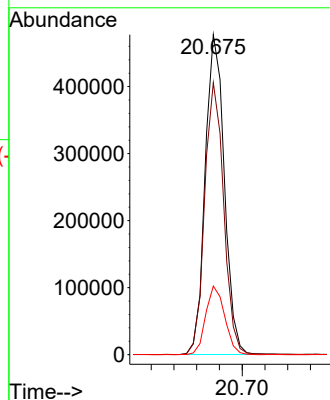
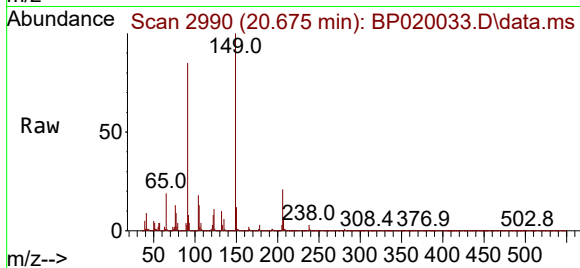
Tgt Ion:149 Resp: 558415

Ion Ratio Lower Upper

149 100

91 85.0 69.6 104.4

206 21.5 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 43.613 ng/ul

RT: 21.569 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

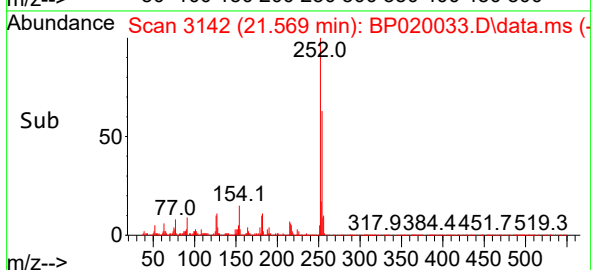
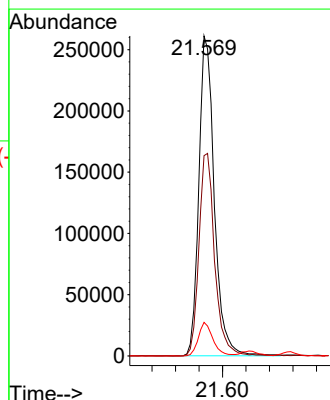
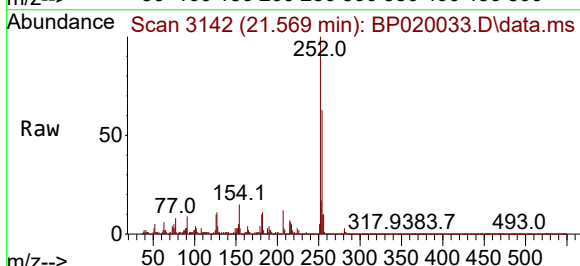
Tgt Ion:252 Resp: 475732

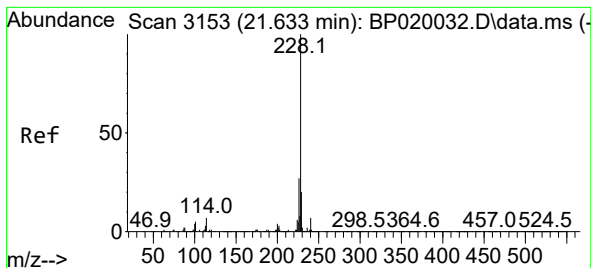
Ion Ratio Lower Upper

252 100

254 62.6 51.5 77.3

126 10.5 7.9 11.9





#85

Benzo(a)anthracene

Concen: 39.982 ng/ul

RT: 21.645 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

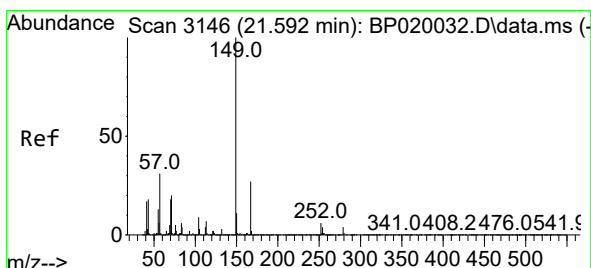
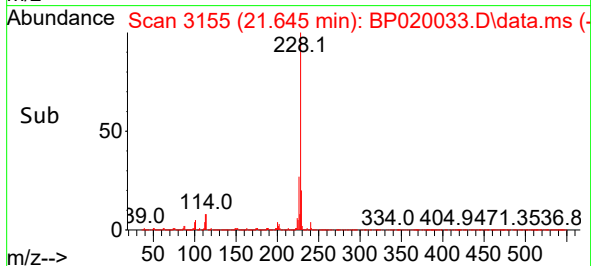
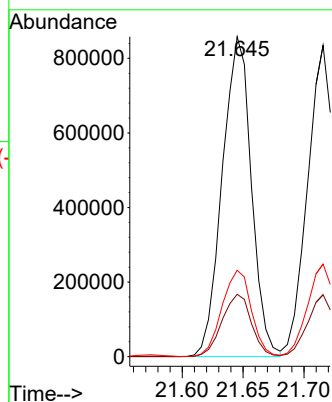
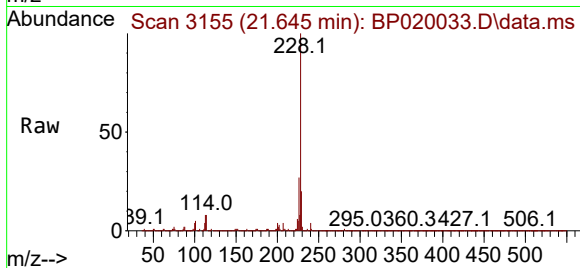
Tgt Ion:228 Resp: 1425410

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 27.0 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 39.225 ng/ul

RT: 21.598 min Scan# 3147

Delta R.T. 0.006 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

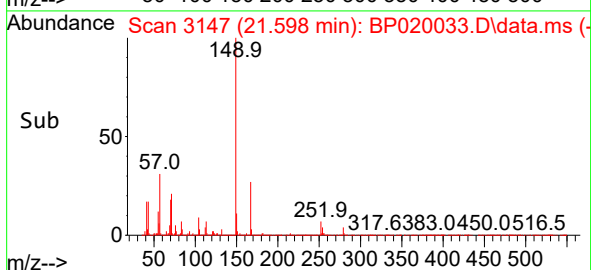
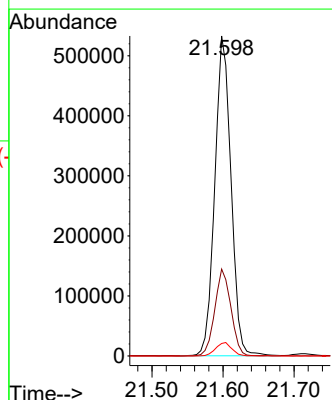
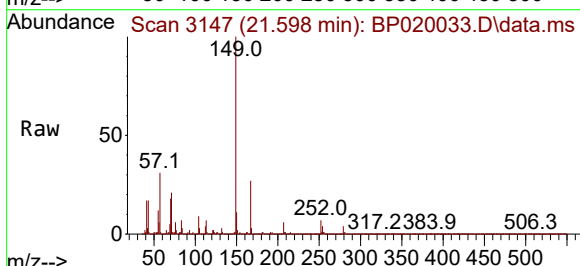
Tgt Ion:149 Resp: 843114

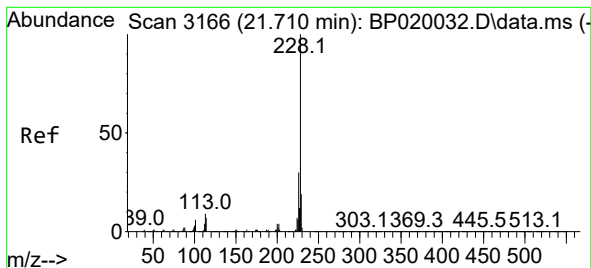
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.9 3.2 4.8





#87

Chrysene

Concen: 40.626 ng/ul

RT: 21.716 min Scan# 3166

Delta R.T. 0.006 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

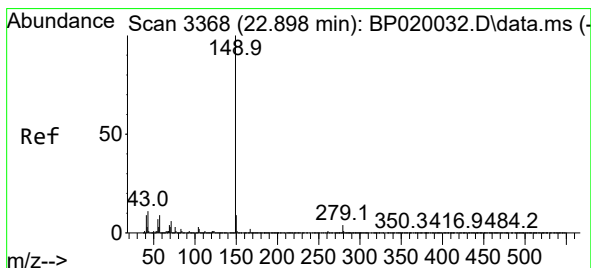
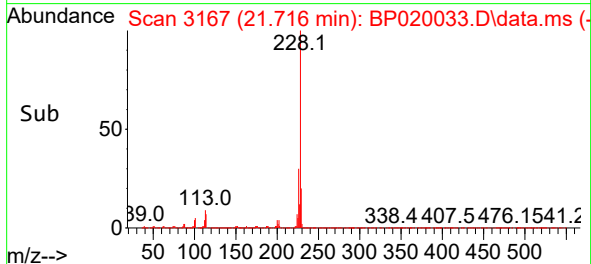
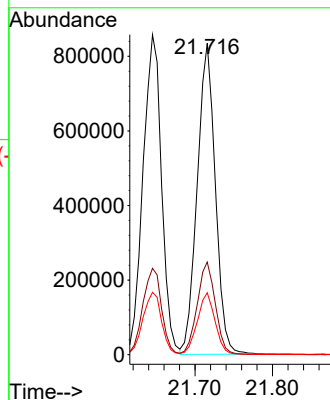
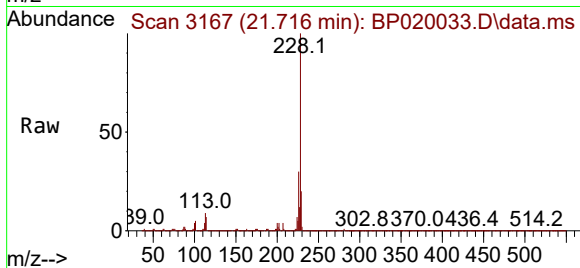
Tgt Ion:228 Resp: 1354739

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

229 19.9 15.4 23.2



#89

Di-n-octyl phthalate

Concen: 39.655 ng/ul

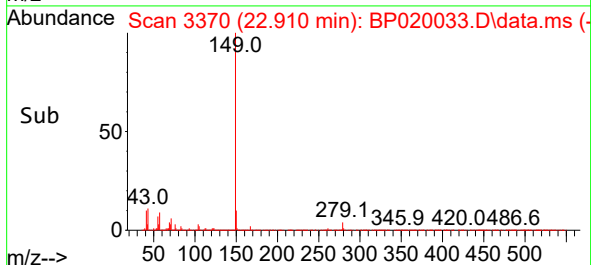
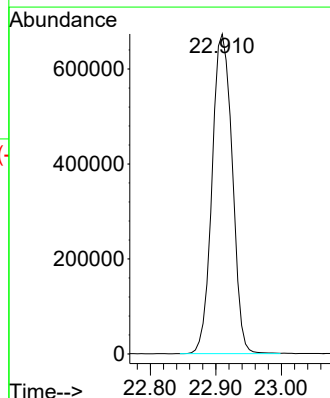
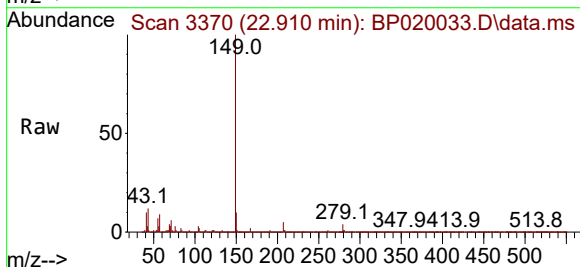
RT: 22.910 min Scan# 3370

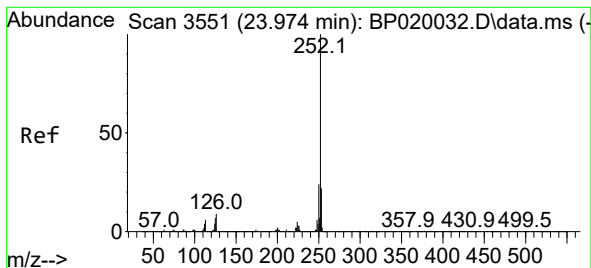
Delta R.T. 0.012 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Tgt Ion:149 Resp: 1440369





#90

Benzo(b)fluoranthene

Concen: 41.075 ng/ul

RT: 23.986 min Scan# 3553

Delta R.T. 0.012 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

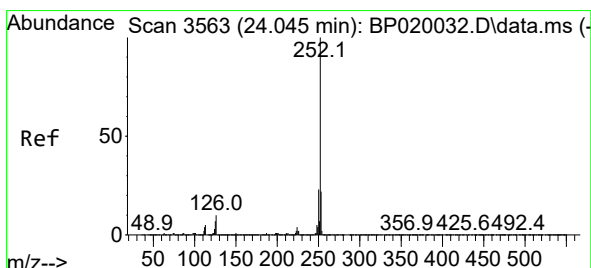
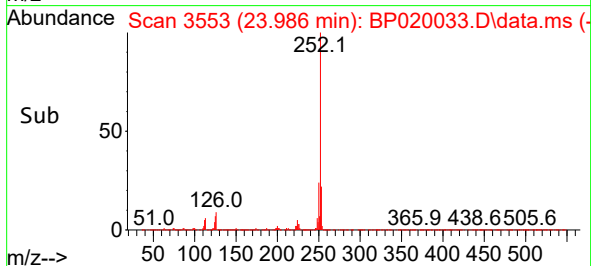
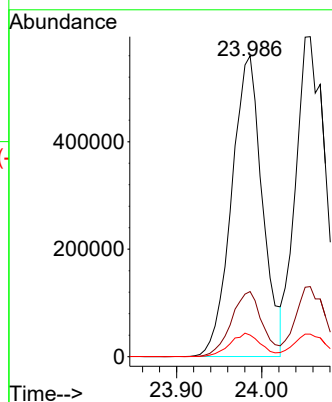
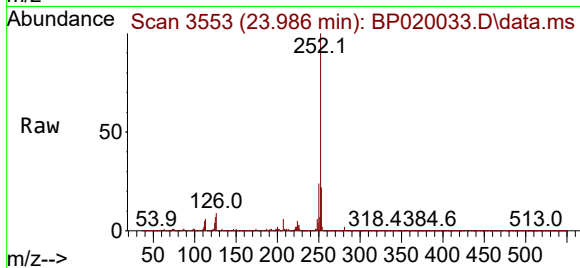
Tgt Ion:252 Resp: 1406103

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 7.2 5.8 8.6



#91

Benzo(k)fluoranthene

Concen: 41.500 ng/ul

RT: 24.057 min Scan# 3565

Delta R.T. 0.012 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

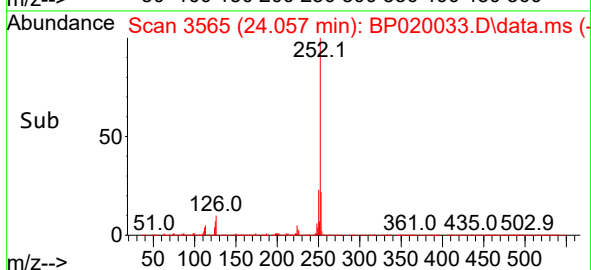
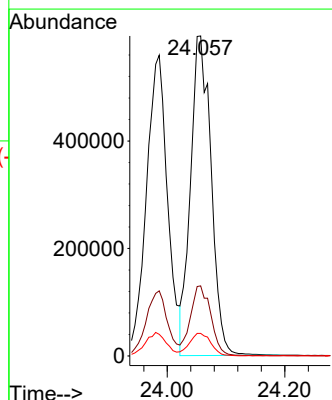
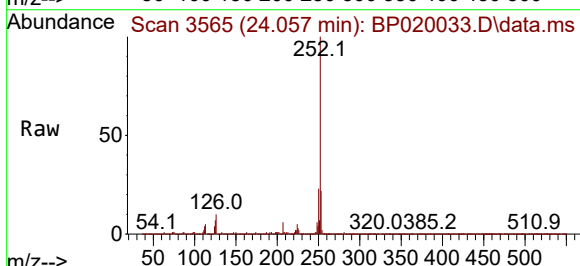
Tgt Ion:252 Resp: 1444488

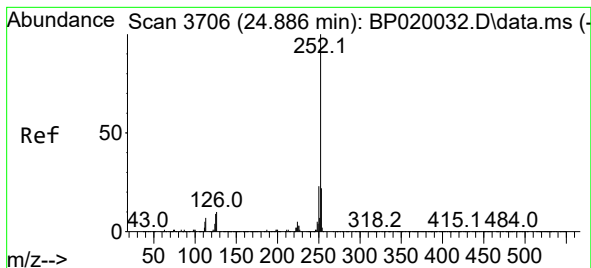
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 7.1 5.9 8.9





#93

Benzo(a)pyrene

Concen: 40.697 ng/ul

RT: 24.904 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

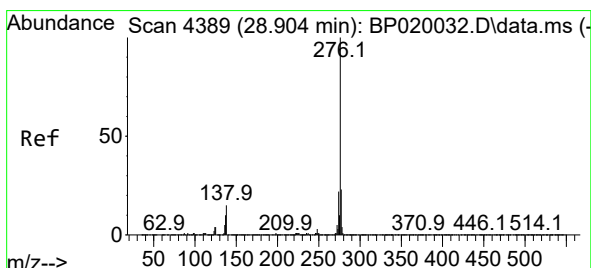
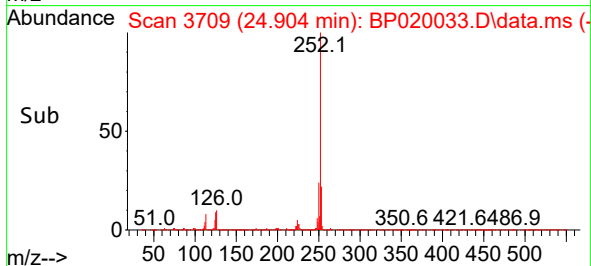
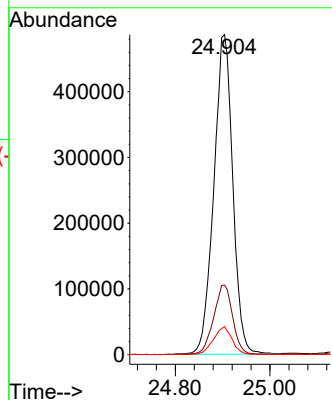
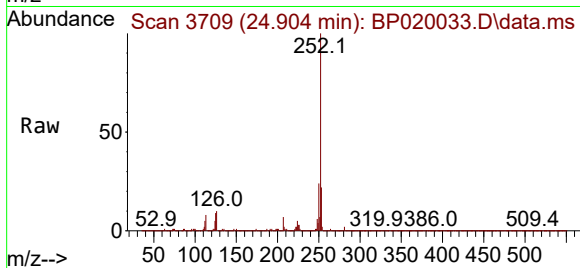
Tgt Ion:252 Resp: 1349876

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 8.8 7.0 10.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.756 ng/ul

RT: 28.898 min Scan# 4388

Delta R.T. -0.006 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

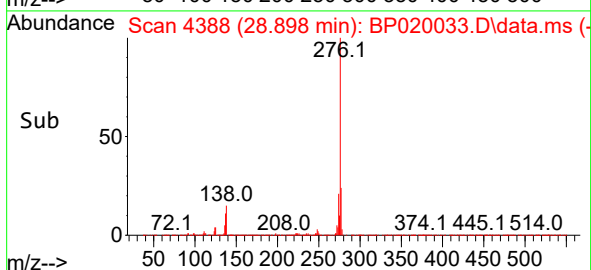
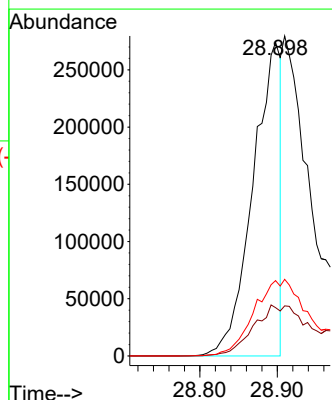
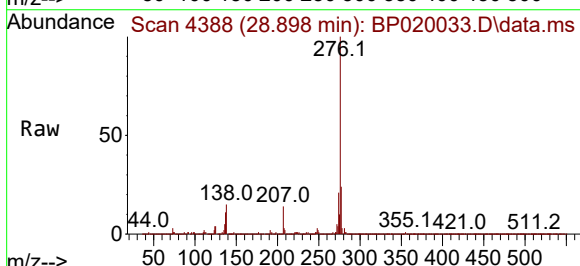
Tgt Ion:276 Resp: 686728

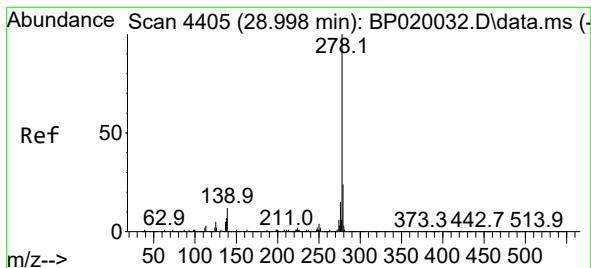
Ion Ratio Lower Upper

276 100

138 15.4 11.7 17.5

277 24.0 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 38.928 ng/ul

RT: 28.992 min Scan# 4405

Delta R.T. -0.006 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040612

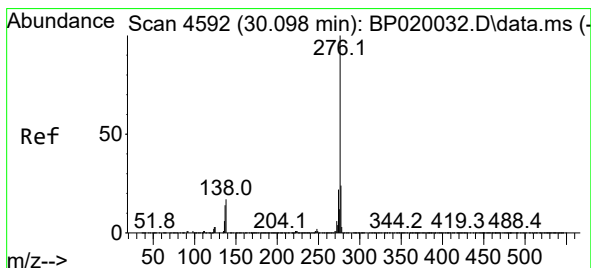
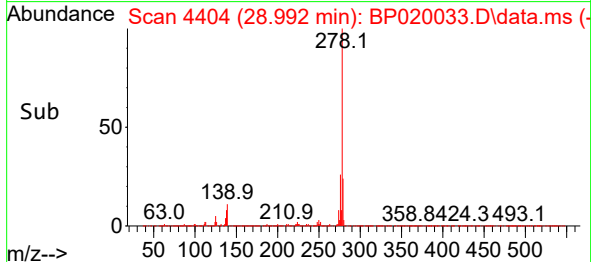
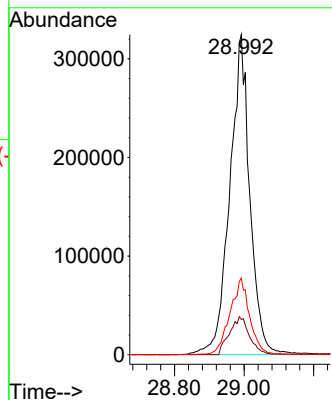
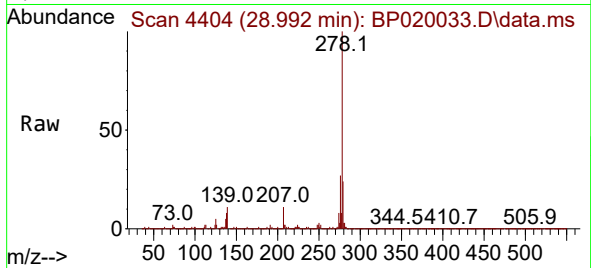
Tgt Ion:278 Resp: 1292018

Ion Ratio Lower Upper

278 100

139 11.0 9.4 14.2

279 24.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 12.225 ng/ul

RT: 30.074 min Scan# 4588

Delta R.T. -0.023 min

Lab File: BP020033.D

Acq: 19 Apr 2024 18:17

Tgt Ion:276 Resp: 404032

Ion Ratio Lower Upper

276 100

138 15.7 13.5 20.3

277 23.7 19.4 29.2

