

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020098.D
 Acq On : 23 Apr 2024 10:06
 Operator : MA/JU
 Sample : SSTD00594
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005616

Quant Time: Apr 23 23:55:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	99115	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	422399	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	300802	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	666240	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	610167	20.000	ng/u1	0.00
88) Perylene-d12	25.045	264	668253	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	4320	1.980	ng/uL	0.00
4) Pyridine-d5	3.646	84	26513	4.053	ng/u1	0.01
7) Phenol-d5	6.828	99	38493	4.631	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	25470	4.714	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	29317	4.878	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	30643	4.799	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	13355	4.247	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	15824	4.356	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	29032	4.374	ng/u1	0.01
31) 4-Chloroaniline-d4	10.575	131	41016	4.913	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	100933	4.802	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	119629	4.849	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	9280	2.951	ng/u1	0.04
60) Fluorene-d10	15.345	176	89902	4.956	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.492	200	10359	3.241	ng/u1	0.00
73) Anthracene-d10	17.263	188	141698	4.802	ng/u1	0.00
81) Pyrene-d10	19.663	212	167214	4.816	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.815	264	157216	4.839	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	5469	2.172	ng/uL#	79
5) Pyridine	3.658	79	28396	4.240	ng/u1#	84
6) Benzaldehyde	6.810	77	22577	4.819	ng/u1	95
8) Phenol	6.858	94	40716	4.690	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.081	93	32841	4.739	ng/u1	97
12) 2-Chlorophenol	7.210	128	29724	4.772	ng/u1	93
13) 2-Methylphenol	8.081	108	29086	4.615	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.163	45	47306	4.909	ng/u1	98
16) Acetophenone	8.463	105	52321	4.990	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	29334	4.931	ng/u1	94
18) 4-Methylphenol	8.410	108	31398	4.686	ng/u1	91
19) Hexachloroethane	8.687	117	14782	4.847	ng/u1	97
22) Nitrobenzene	8.840	77	43136	4.504	ng/u1	98
23) Isophorone	9.357	82	82251	4.756	ng/u1	98
25) 2-Nitrophenol	9.546	139	16587	4.408	ng/u1	97
26) 2,4-Dimethylphenol	9.599	107	38885	4.741	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.846	93	45962	4.648	ng/u1	100
29) 2,4-Dichlorophenol	10.081	162	28494	4.410	ng/u1	96
30) Naphthalene	10.463	128	108275	4.937	ng/u1	100
32) 4-Chloroaniline	10.599	127	38834	4.744	ng/u1	97
33) Hexachlorobutadiene	10.728	225	26566	4.770	ng/u1	98
34) Caprolactam	11.398	113	8176	4.925	ng/u1	92
35) 4-Chloro-3-methylphenol	11.734	107	35967	4.878	ng/u1	97
36) 2-Methylnaphthalene	12.087	142	74638	5.145	ng/u1	95

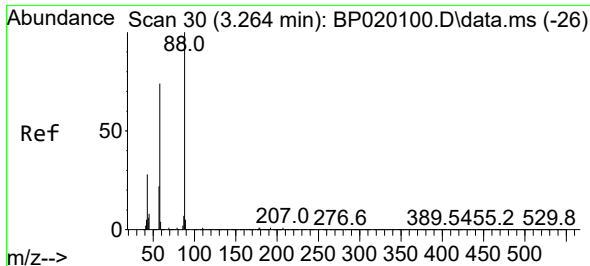
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	75688	5.241	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	47686	4.531	ng/ul	96
40) Hexachlorocyclopentadiene	12.422	237	10641	2.800	ng/ul	89
41) 2,4,6-Trichlorophenol	12.722	196	27875	4.418	ng/ul	92
42) 2,4,5-Trichlorophenol	12.810	196	28477	4.351	ng/ul	96
43) 1,1'-Biphenyl	13.128	154	100952	4.638	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	82244	4.666	ng/ul	97
45) 2-Nitroaniline	13.404	65	24061	4.221	ng/ul	99
47) Dimethylphthalate	13.775	163	101364	4.740	ng/ul	96
48) 2,6-Dinitrotoluene	13.910	165	19386	4.535	ng/ul	86
50) Acenaphthylene	14.034	152	135060	4.895	ng/ul	98
51) 3-Nitroaniline	14.263	138	16937	4.015	ng/ul	94
52) Acenaphthene	14.381	153	89484	4.926	ng/ul	98
53) 2,4-Dinitrophenol	14.492	184	2316	1.275	ng/ul	92
55) 4-Nitrophenol	14.610	109	8904	2.717	ng/ul	96
56) Dibenzofuran	14.734	168	124116	4.937	ng/ul	97
57) 2,4-Dinitrotoluene	14.734	165	27772	4.581	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	29106	4.985	ng/ul	96
59) Diethylphthalate	15.181	149	102895	4.892	ng/ul	97
61) Fluorene	15.404	166	104364	5.050	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	56038	4.990	ng/ul	98
63) 4-Nitroaniline	15.457	138	13555	3.484	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.510	198	10540	3.150	ng/ul#	97
67) N-Nitrosodiphenylamine	15.628	169	85625	4.876	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	34174	4.706	ng/ul	98
69) Hexachlorobenzene	16.428	284	39830	4.844	ng/ul	96
70) Atrazine	16.622	200	32134	4.722	ng/ul	97
71) Pentachlorophenol	16.804	266	20608	4.012	ng/ul	97
72) Phenanthrene	17.204	178	165588	4.847	ng/ul	100
74) Anthracene	17.304	178	169150	4.874	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	48592	4.510	ng/uL	98
76) Pentachlorobenzene	14.639	250	47718	4.784	ng/uL	99
77) Carbazole	17.598	167	139030	4.550	ng/ul	98
78) Di-n-butylphthalate	18.192	149	175046	4.737	ng/ul	99
80) Fluoranthene	19.310	202	197989	4.898	ng/ul	99
82) Pyrene	19.692	202	203508	4.831	ng/ul	99
83) Butylbenzylphthalate	20.669	149	79544	4.695	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.574	252	66639	5.813	ng/ul	98
85) Benzo(a)anthracene	21.639	228	203532	4.811	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	119642	4.803	ng/ul	99
87) Chrysene	21.710	228	184404	4.712	ng/ul	98
89) Di-n-octyl phthalate	22.892	149	200305	4.782	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	190202	4.703	ng/ul	99
91) Benzo(k)fluoranthene	24.045	252	190782	4.816	ng/ul	98
93) Benzo(a)pyrene	24.886	252	179279	4.742	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.898	276	81982	1.812	ng/ul	98
95) Dibenzo(a,h)anthracene	28.992	278	167375	4.505	ng/ul	98
96) Benzo(g,h,i)perylene	30.097	276	162635	4.581	ng/ul	96

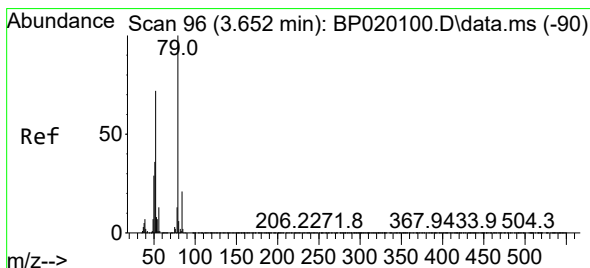
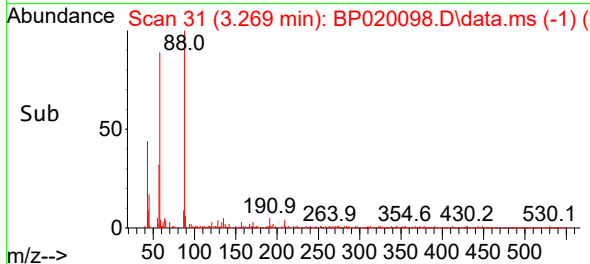
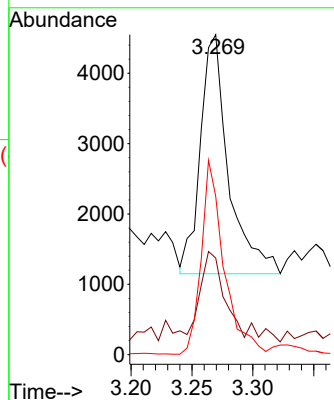
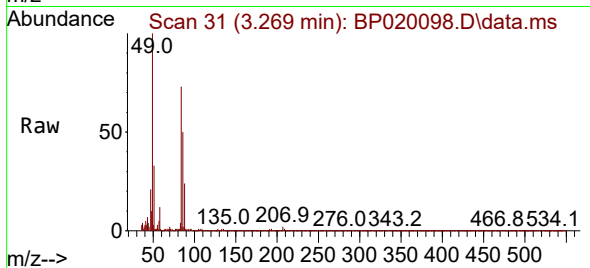
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#2
1,4-Dioxane
Concen: 2.172 ng/uL
RT: 3.269 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

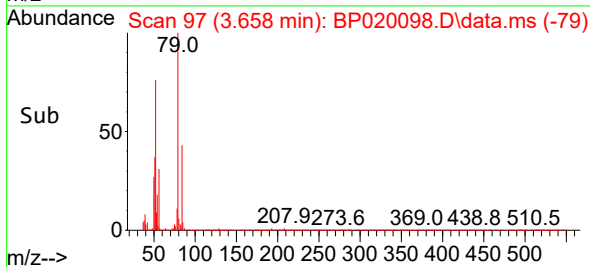
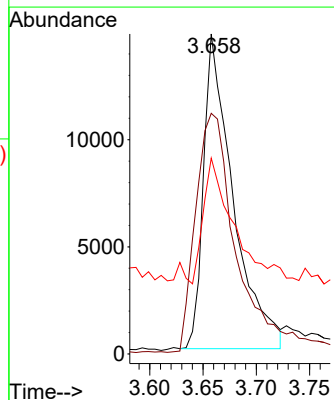
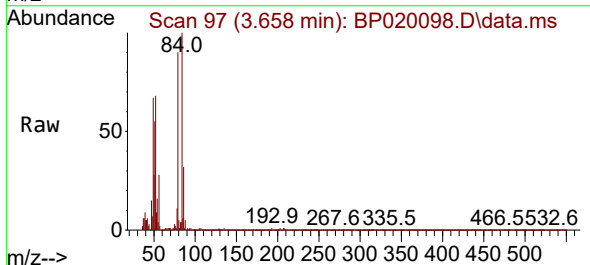
Instrument :
BNA_P
ClientSampleId :
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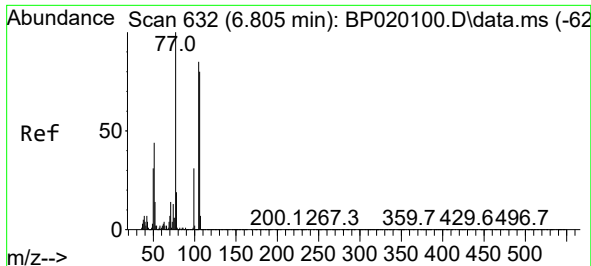
Tgt Ion: 88 Resp: 5469
Ion Ratio Lower Upper
88 100
43 30.2 24.0 36.0
58 49.5 59.1 88.7#



#5
Pyridine
Concen: 4.240 ng/uL
RT: 3.658 min Scan# 97
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion: 79 Resp: 28396
Ion Ratio Lower Upper
79 100
52 75.2 57.9 86.9
51 61.2 29.6 44.4#

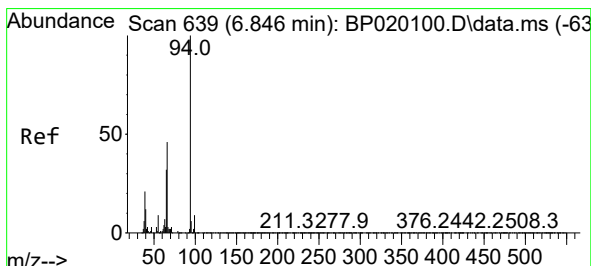
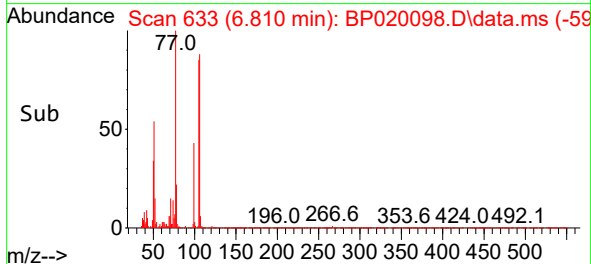
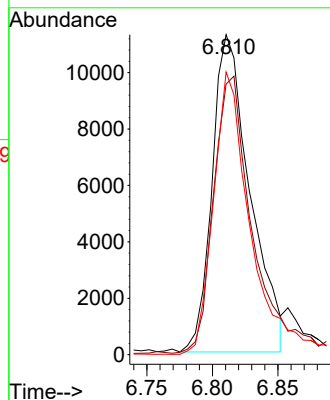
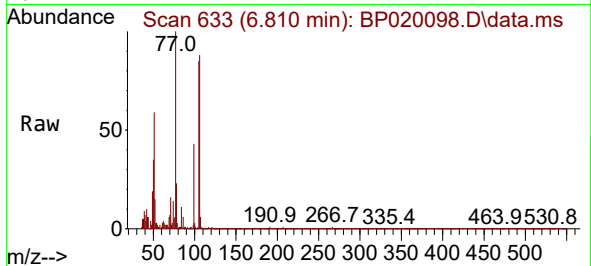




#6
Benzaldehyde
Concen: 4.819 ng/ul
RT: 6.810 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

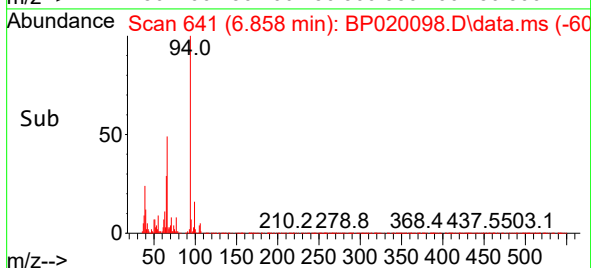
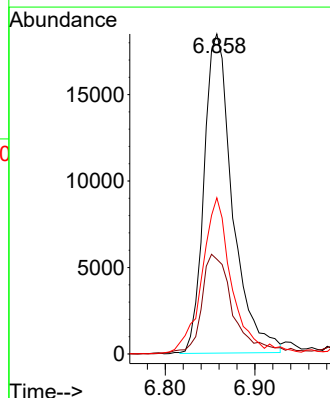
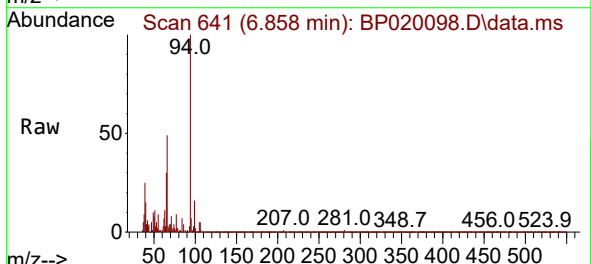
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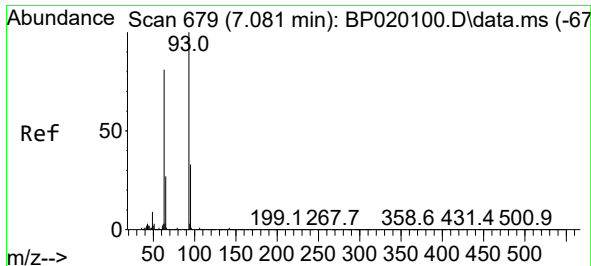
Tgt Ion: 77 Resp: 22577
Ion Ratio Lower Upper
77 100
105 84.6 67.9 101.9
106 88.3 63.9 95.9



#8
Phenol
Concen: 4.690 ng/ul
RT: 6.858 min Scan# 641
Delta R.T. 0.012 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion: 94 Resp: 40716
Ion Ratio Lower Upper
94 100
65 29.6 25.5 38.3
66 48.8 36.9 55.3

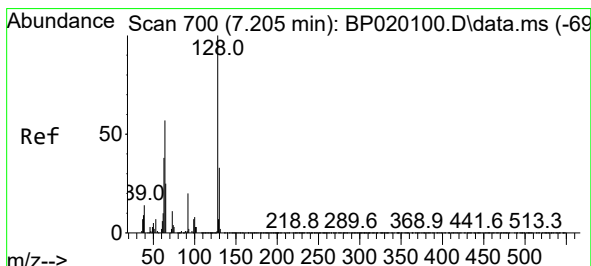
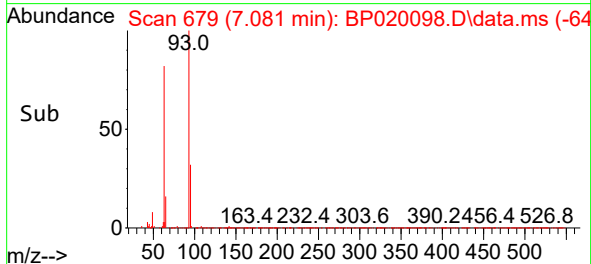
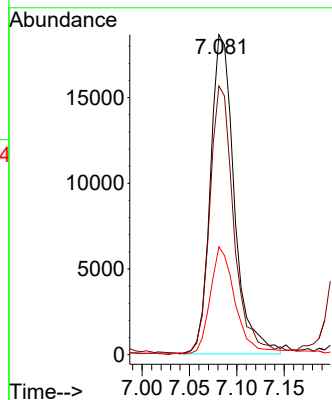
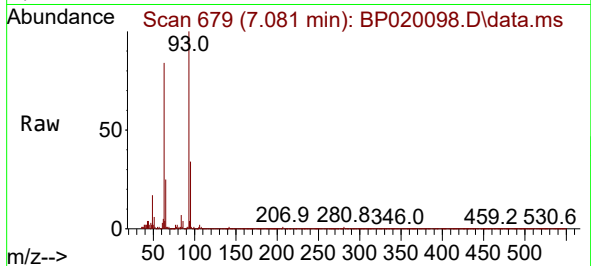




#10
 Bis(2-Chloroethyl)ether
 Concen: 4.739 ng/ul
 RT: 7.081 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BP020098.D
 Acq: 23 Apr 2024 10:06

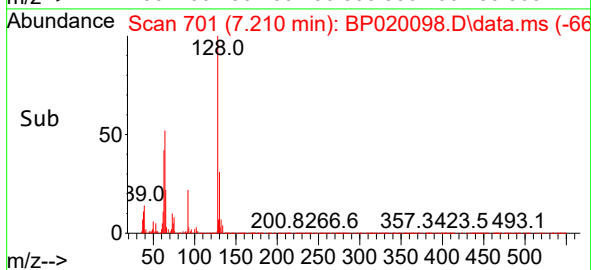
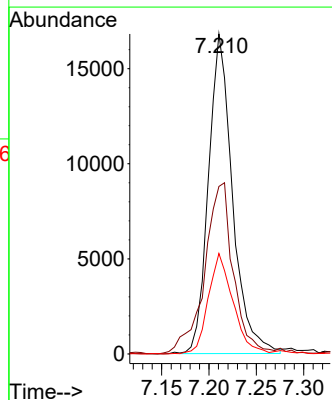
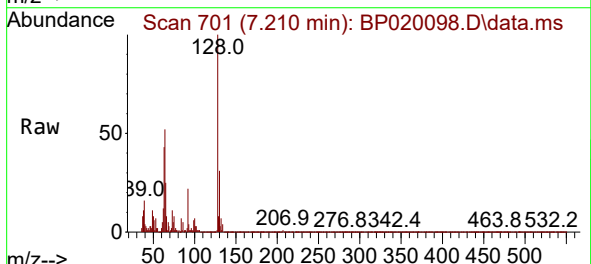
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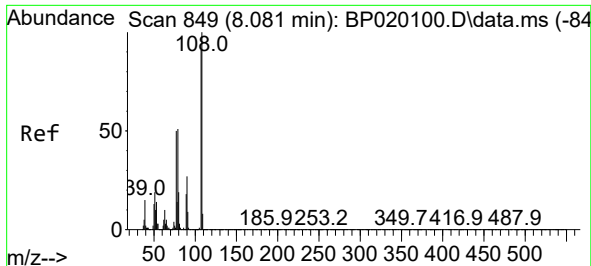
Tgt Ion: 93 Resp: 32841
 Ion Ratio Lower Upper
 93 100
 63 84.0 64.7 97.1
 95 33.7 26.2 39.4



#12
 2-Chlorophenol
 Concen: 4.772 ng/ul
 RT: 7.210 min Scan# 701
 Delta R.T. 0.006 min
 Lab File: BP020098.D
 Acq: 23 Apr 2024 10:06

Tgt Ion: 128 Resp: 29724
 Ion Ratio Lower Upper
 128 100
 64 52.4 47.3 70.9
 130 31.4 26.1 39.1





#13

2-Methylphenol

Concen: 4.615 ng/ul

RT: 8.081 min Scan# 849

Delta R.T. 0.000 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

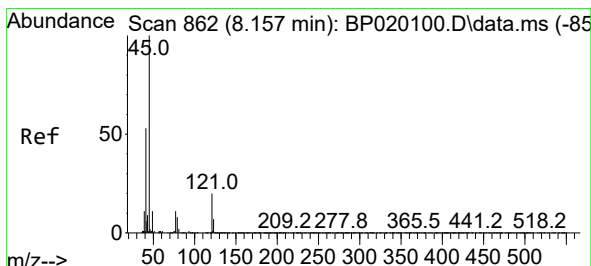
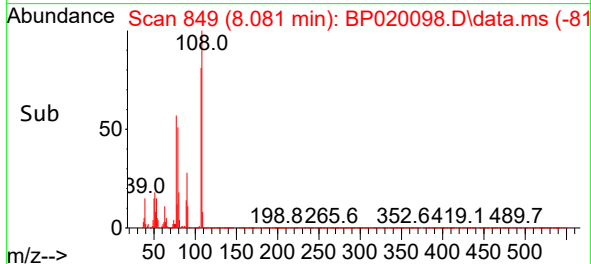
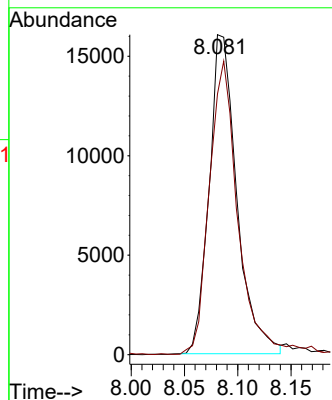
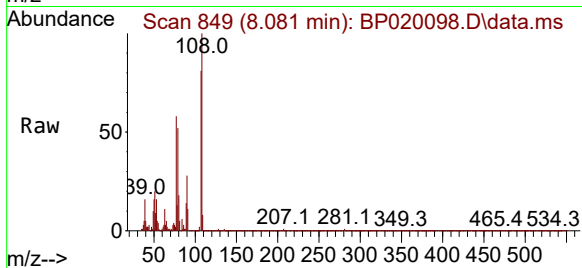
SSTD005616

Tgt Ion:108 Resp: 29086

Ion Ratio Lower Upper

108 100

107 81.5 72.8 109.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.909 ng/ul

RT: 8.163 min Scan# 863

Delta R.T. 0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

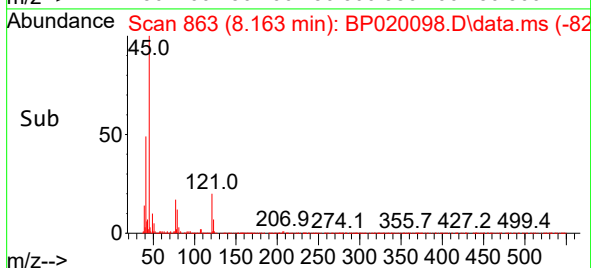
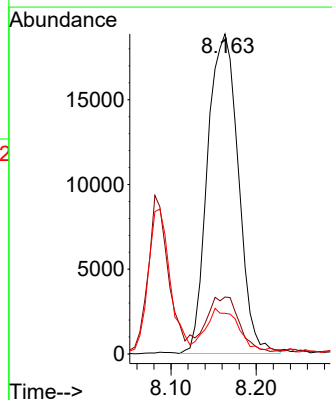
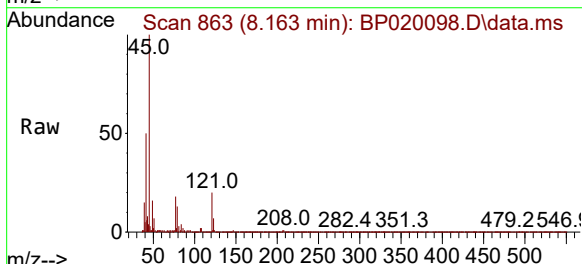
Tgt Ion: 45 Resp: 47306

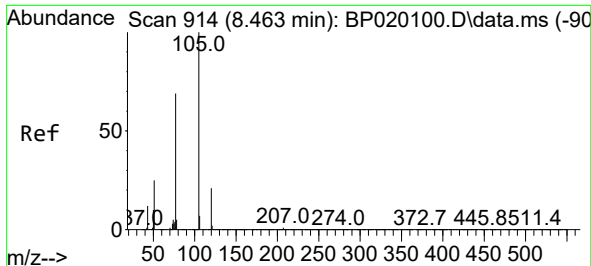
Ion Ratio Lower Upper

45 100

77 17.8 13.4 20.2

79 12.7 10.7 16.1

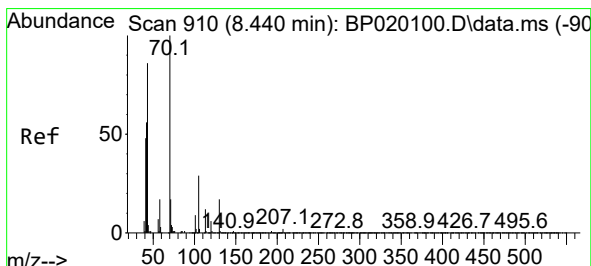
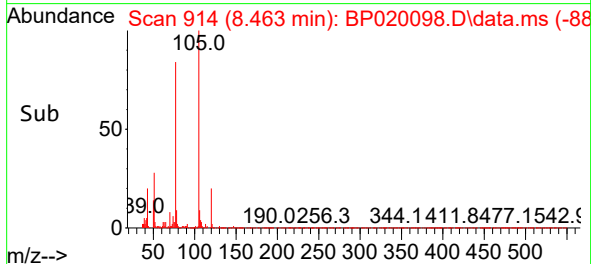
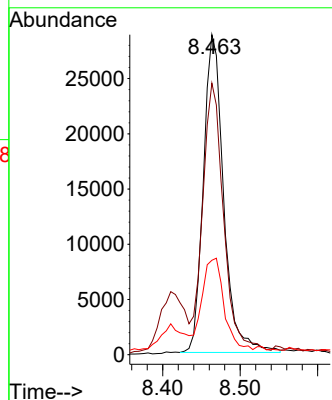
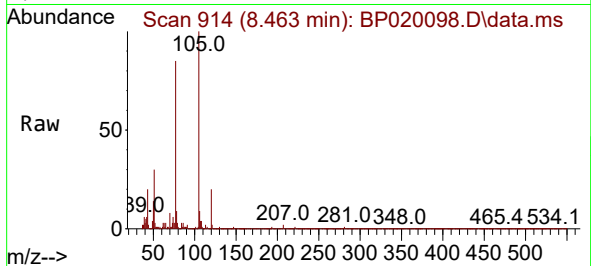




#16
Acetophenone
Concen: 4.990 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

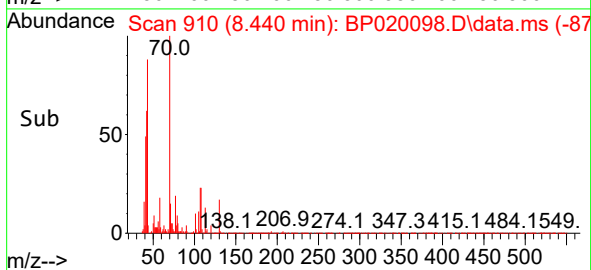
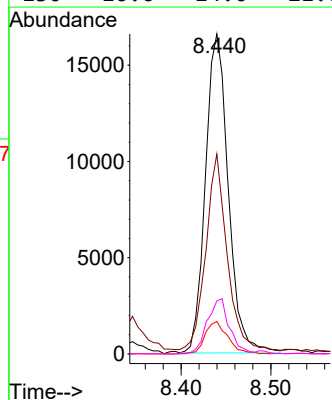
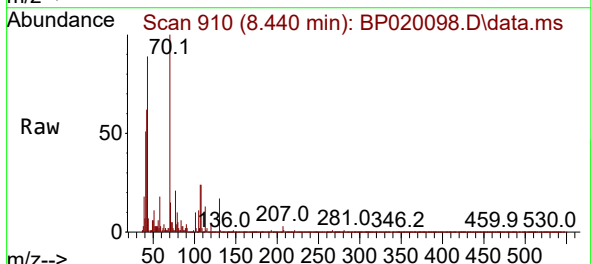
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BNA_P
ClientSampleId :
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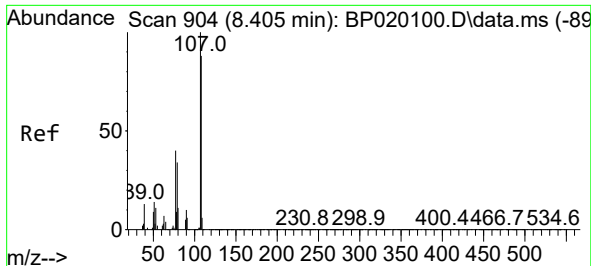
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Ion Ratio Lower Upper
105 100
77 84.8 69.8 104.8
51 29.5 25.0 37.4



#17
N-Nitroso-di-n-propylamine
Concen: 4.931 ng/ul
RT: 8.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion: 70 Resp: 29334
Ion Ratio Lower Upper
70 100
42 62.5 45.3 67.9
101 10.2 7.5 11.3
130 16.6 14.0 21.0

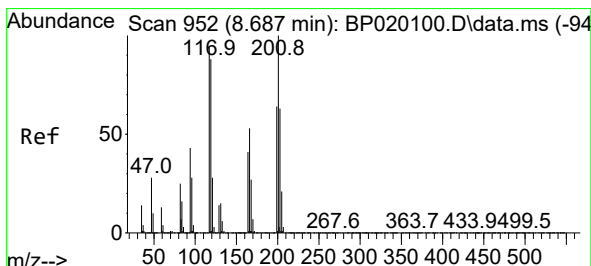
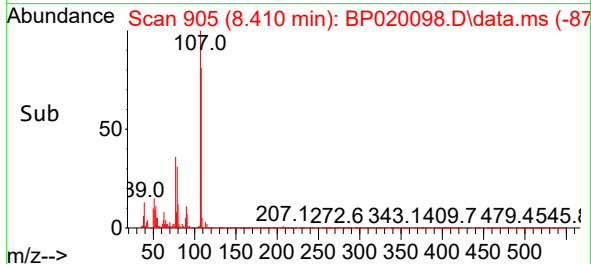
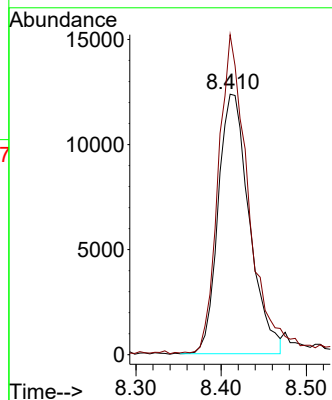
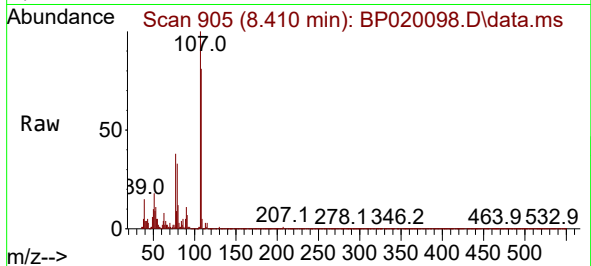




#18
4-Methylphenol
Concen: 4.686 ng/ul
RT: 8.410 min Scan# 904
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

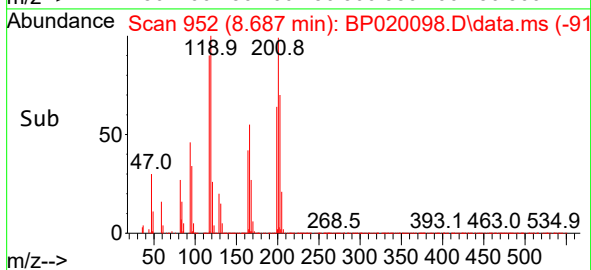
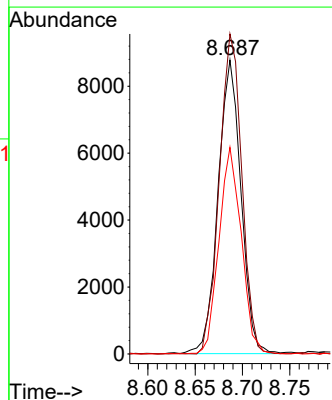
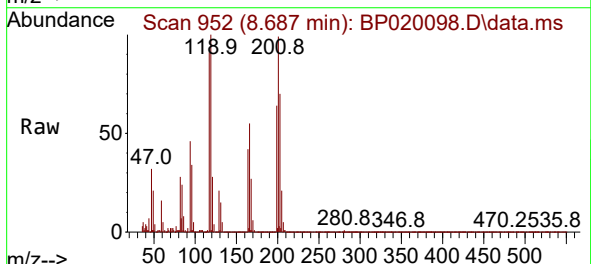
Instrument :
BNA_P
ClientSampleId :
SSTD005616

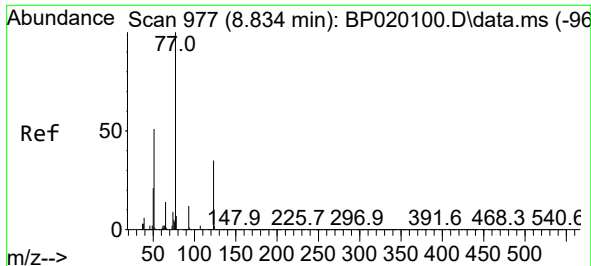
Tgt Ion:108 Resp: 31398
Ion Ratio Lower Upper
108 100
107 122.9 90.5 135.7



#19
Hexachloroethane
Concen: 4.847 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:117 Resp: 14782
Ion Ratio Lower Upper
117 100
201 108.9 85.2 127.8
199 70.3 54.3 81.5

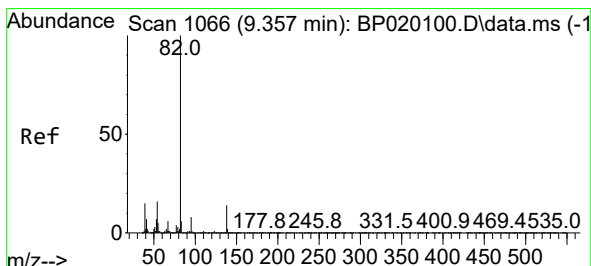
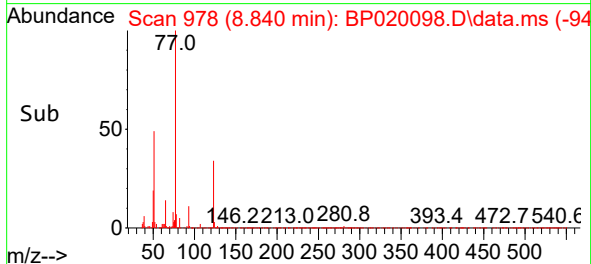
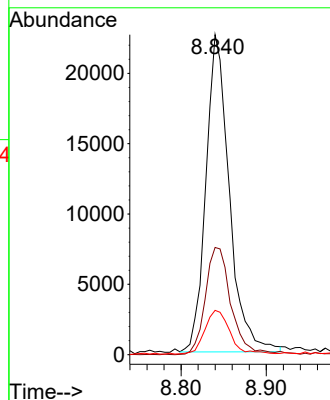
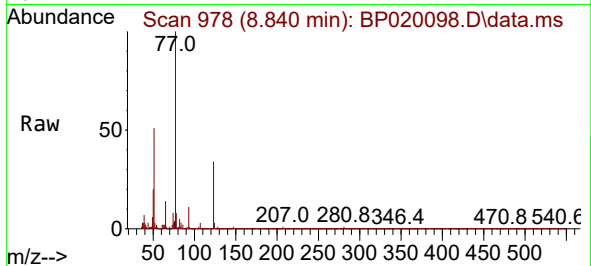




#22
Nitrobenzene
Concen: 4.504 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

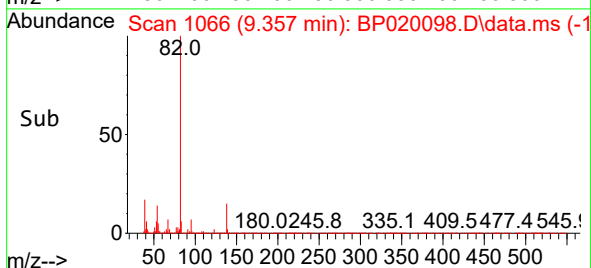
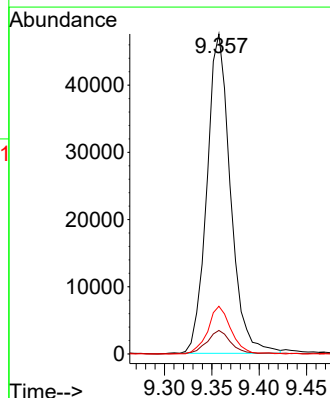
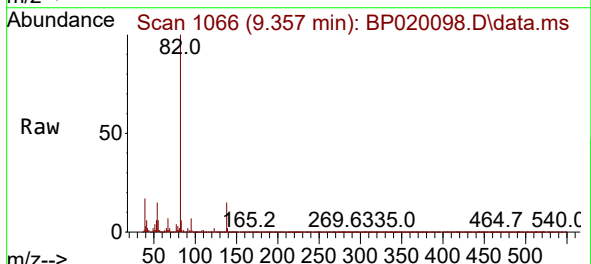
Instrument :
BNA_P
ClientSampleId :
SSTD005616

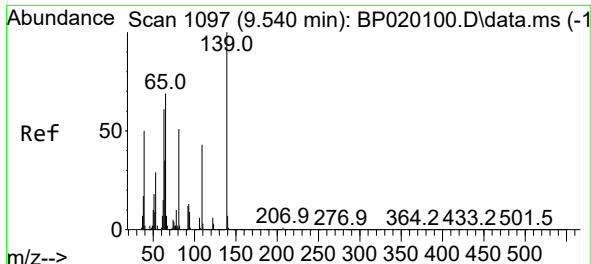
Tgt Ion: 77 Resp: 43136
Ion Ratio Lower Upper
77 100
123 33.5 27.8 41.6
65 13.8 11.5 17.3



#23
Isophorone
Concen: 4.756 ng/ul
RT: 9.357 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion: 82 Resp: 82251
Ion Ratio Lower Upper
82 100
95 7.4 6.5 9.7
138 14.9 11.4 17.2

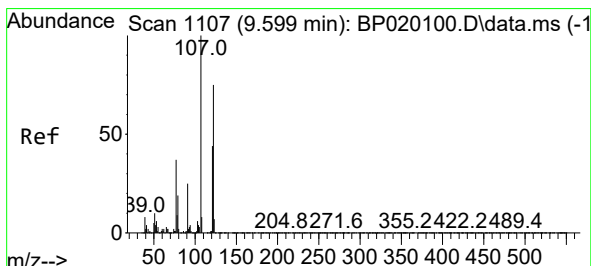
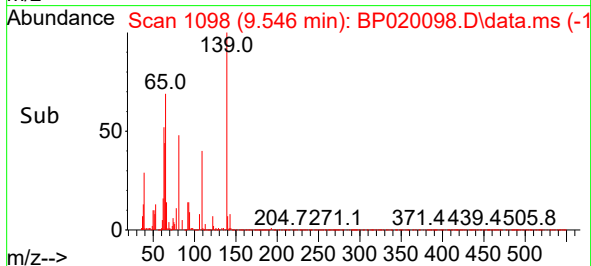
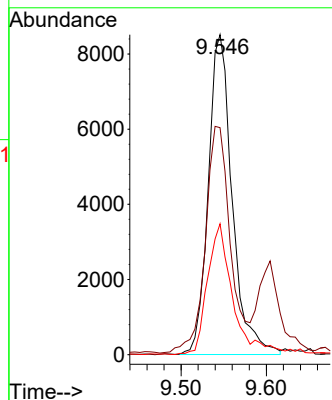
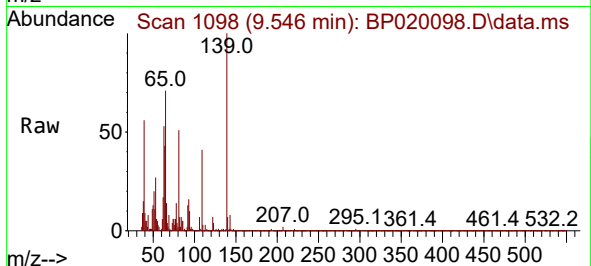




#25
2-Nitrophenol
Concen: 4.408 ng/ul
RT: 9.546 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

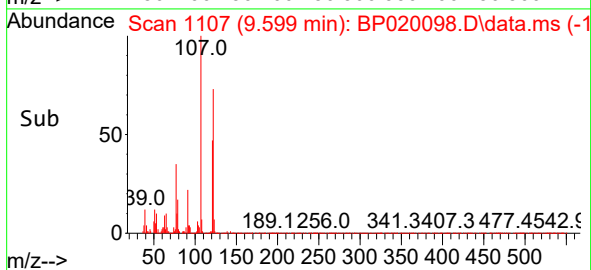
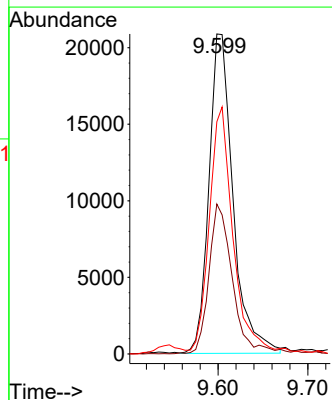
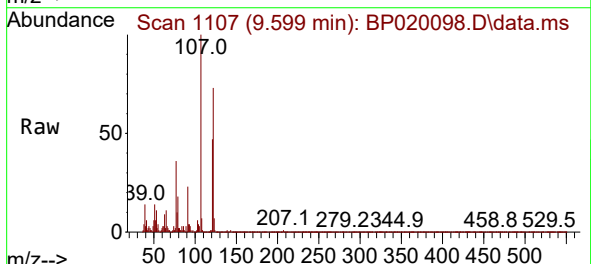
Instrument :
BNA_P
ClientSampleId :
SSTD005616

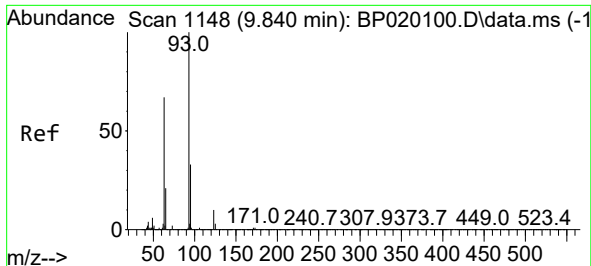
Tgt Ion:139 Resp: 16587
Ion Ratio Lower Upper
139 100
65 70.9 55.3 82.9
109 40.9 34.7 52.1



#26
2,4-Dimethylphenol
Concen: 4.741 ng/ul
RT: 9.599 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:107 Resp: 38885
Ion Ratio Lower Upper
107 100
121 46.9 35.0 52.4
122 72.5 61.0 91.4

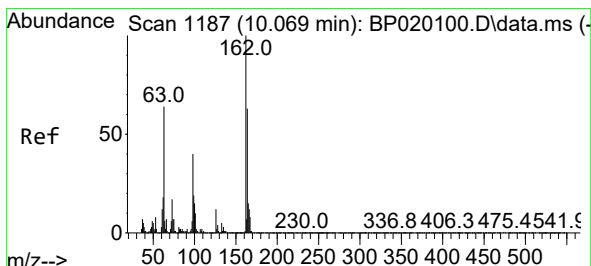
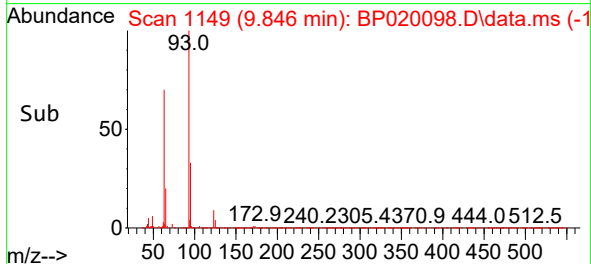
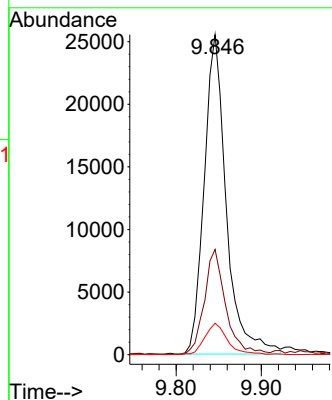
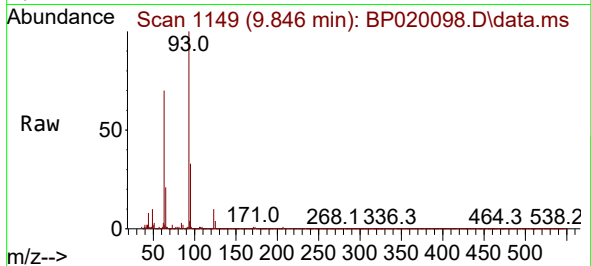




#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.648 ng/ul
 RT: 9.846 min Scan# 1148
 Delta R.T. 0.006 min
 Lab File: BP020098.D
 Acq: 23 Apr 2024 10:06

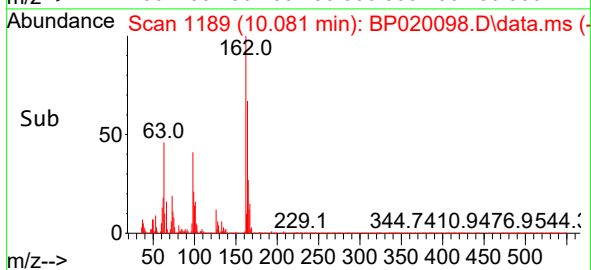
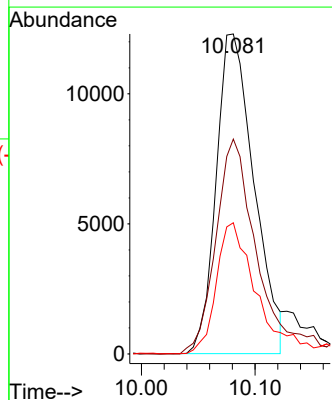
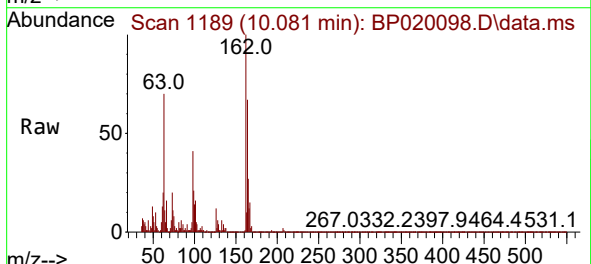
Instrument :
 BNA_P
 ClientSampleId :
 SSTD005616

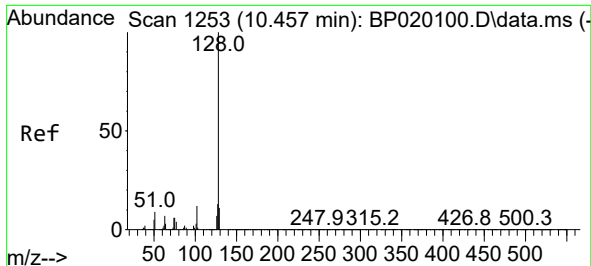
Tgt Ion: 93	Resp:	45962
Ion	Ratio	Lower Upper
93	100	
95	32.9	26.2 39.4
123	9.8	8.2 12.4



#29
 2,4-Dichlorophenol
 Concen: 4.410 ng/ul
 RT: 10.081 min Scan# 1189
 Delta R.T. 0.012 min
 Lab File: BP020098.D
 Acq: 23 Apr 2024 10:06

Tgt Ion: 162	Resp:	28494
Ion	Ratio	Lower Upper
162	100	
164	67.1	50.5 75.7
98	41.0	31.8 47.6

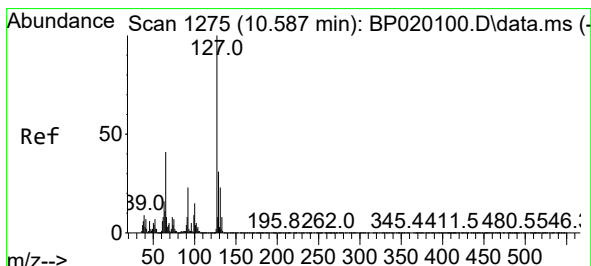
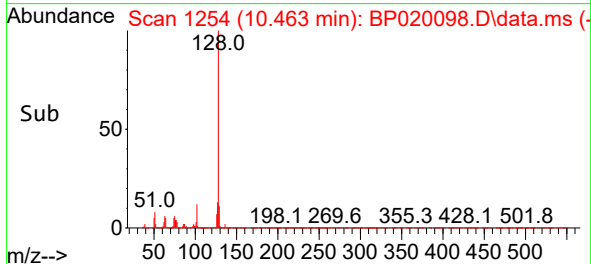
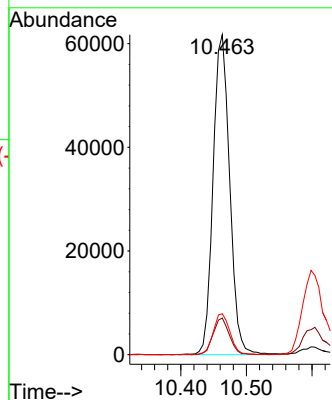
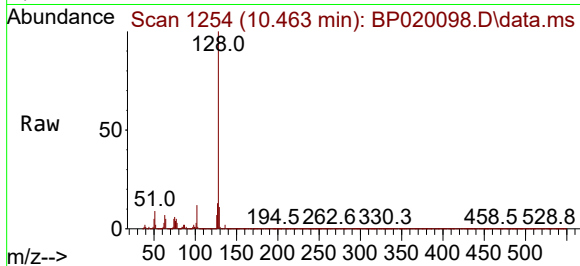




#30
Naphthalene
Concen: 4.937 ng/ul
RT: 10.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

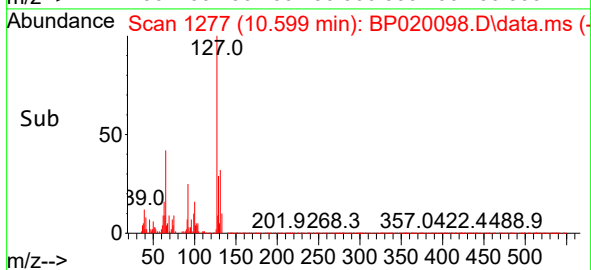
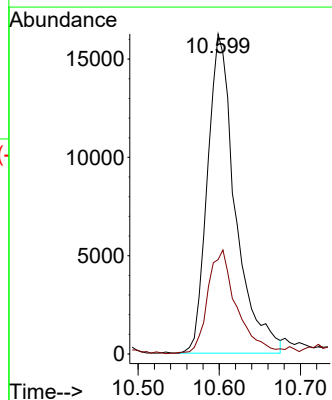
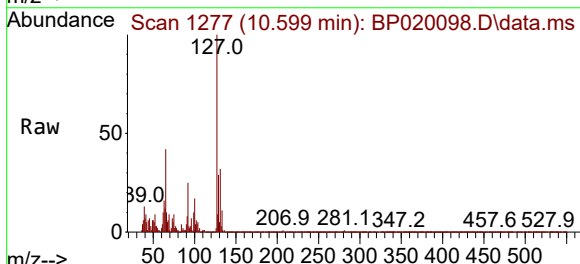
Instrument :
BNA_P
ClientSampleId :
SSTD005616

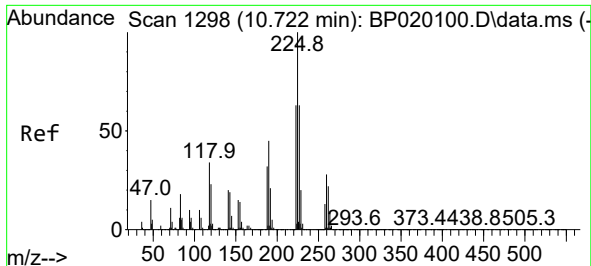
Tgt Ion:128 Resp: 108275
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 12.8 10.3 15.5



#32
4-Chloroaniline
Concen: 4.744 ng/ul
RT: 10.599 min Scan# 1277
Delta R.T. 0.012 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:127 Resp: 38834
Ion Ratio Lower Upper
127 100
129 29.5 25.0 37.4

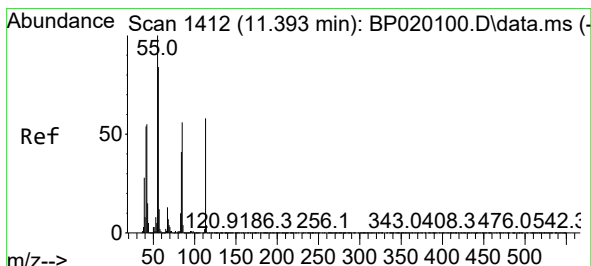
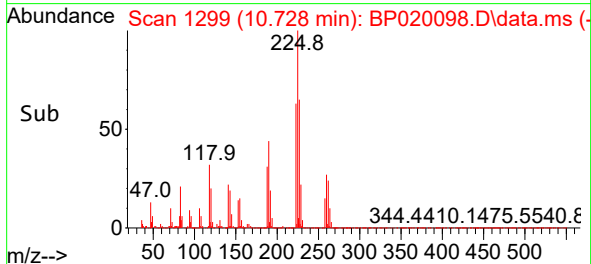
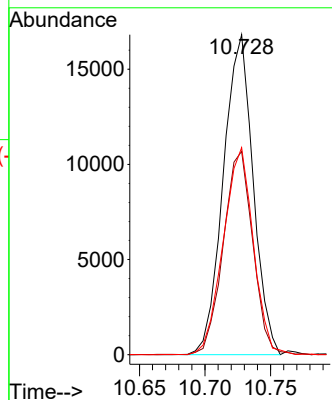
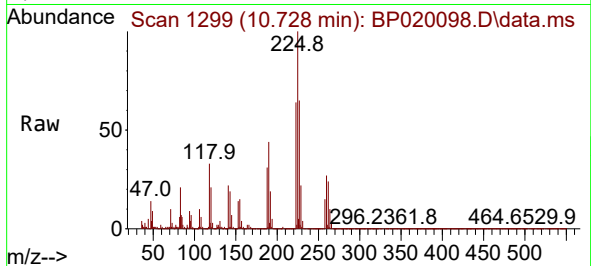




#33
Hexachlorobutadiene
Concen: 4.770 ng/ul
RT: 10.728 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

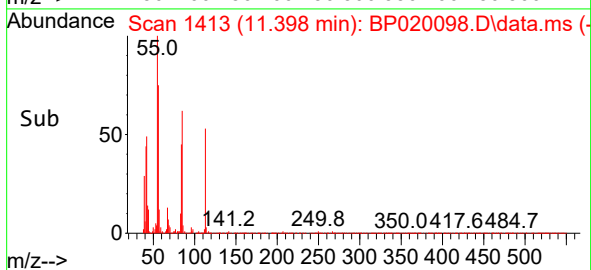
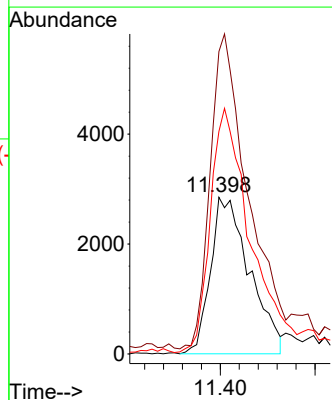
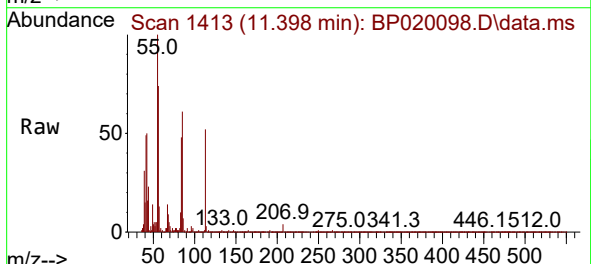
Instrument :
BNA_P
ClientSampleId :
SSTD005616

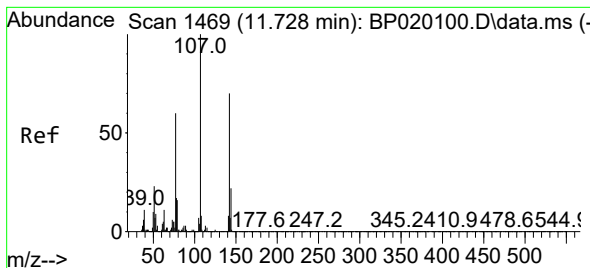
Tgt Ion:225 Resp: 26566
Ion Ratio Lower Upper
225 100
223 63.6 50.8 76.2
227 67.1 50.7 76.1



#34
Caprolactam
Concen: 4.925 ng/ul
RT: 11.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:113 Resp: 8176
Ion Ratio Lower Upper
113 100
55 193.0 140.2 210.4
56 142.1 116.2 174.4

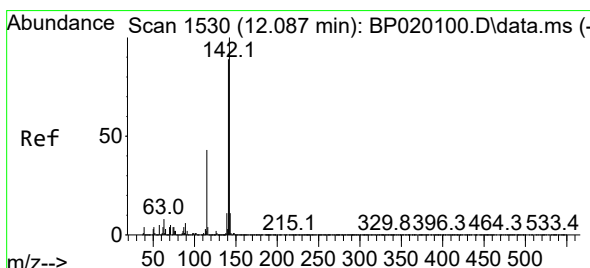
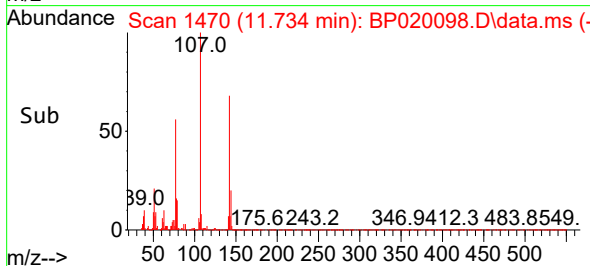
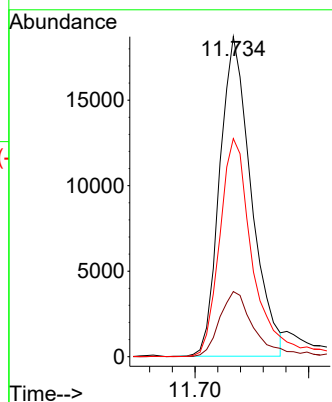
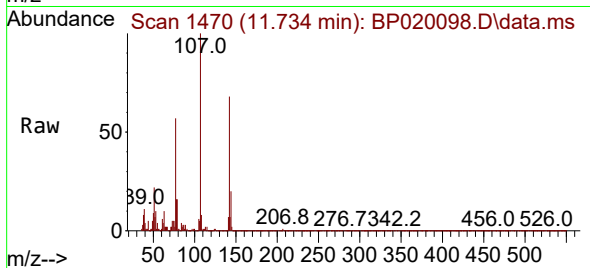




#35
4-Chloro-3-methylphenol
Concen: 4.878 ng/ul
RT: 11.734 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

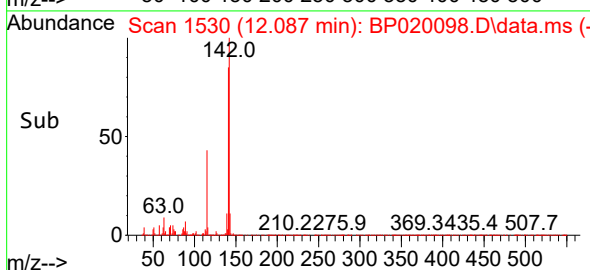
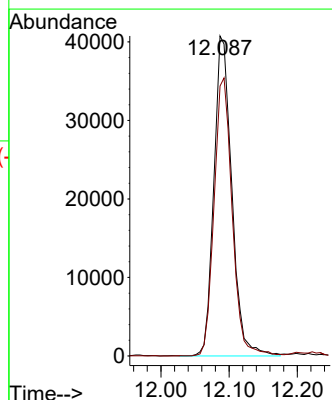
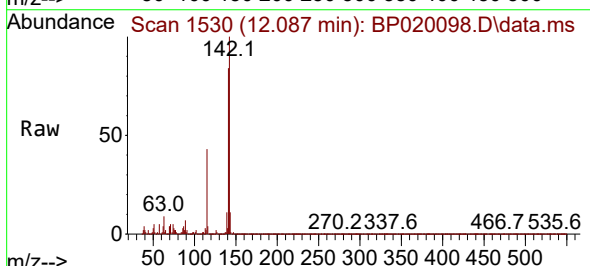
Instrument :
BNA_P
ClientSampleId :
SSTD005616

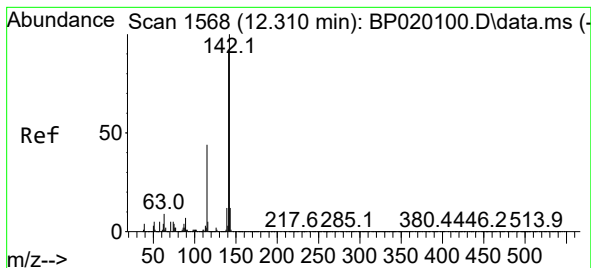
Tgt Ion:107 Resp: 35967
Ion Ratio Lower Upper
107 100
144 20.3 17.9 26.9
142 68.2 56.2 84.4



#36
2-Methylnaphthalene
Concen: 5.145 ng/ul
RT: 12.087 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:142 Resp: 74638
Ion Ratio Lower Upper
142 100
141 84.4 71.4 107.2





#37

1-Methylnaphthalene

Concen: 5.241 ng/ul

RT: 12.310 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

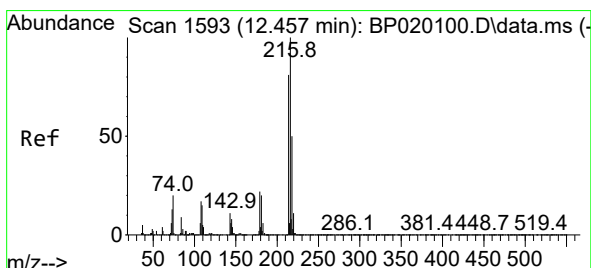
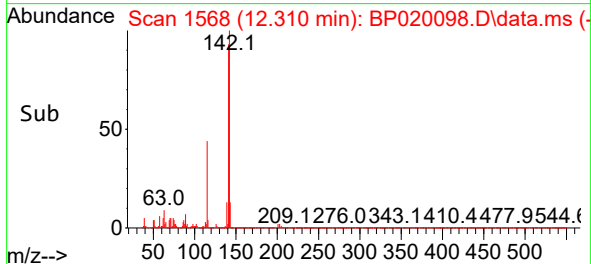
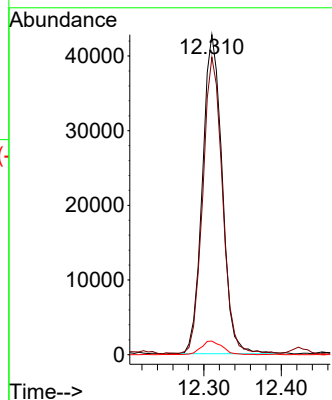
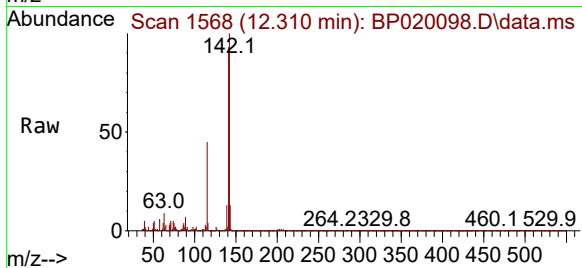
Tgt Ion:142 Resp: 75688

Ion Ratio Lower Upper

142 100

141 92.9 73.2 109.8

116 4.3 3.7 5.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.531 ng/ul

RT: 12.463 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Tgt Ion:216 Resp: 47686

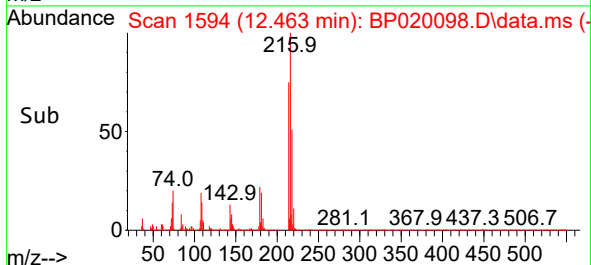
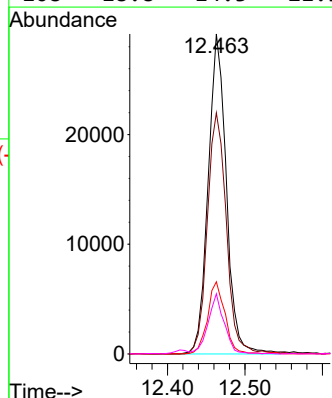
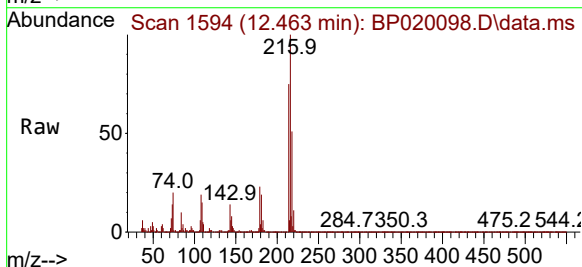
Ion Ratio Lower Upper

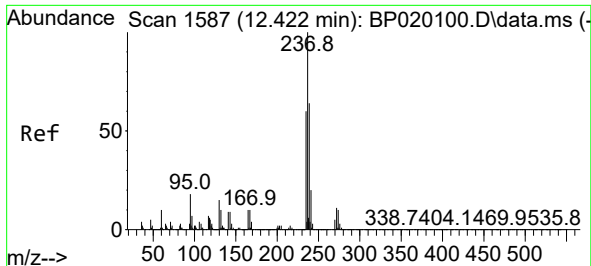
216 100

214 75.4 64.5 96.7

179 22.5 17.8 26.6

108 18.8 14.3 21.5

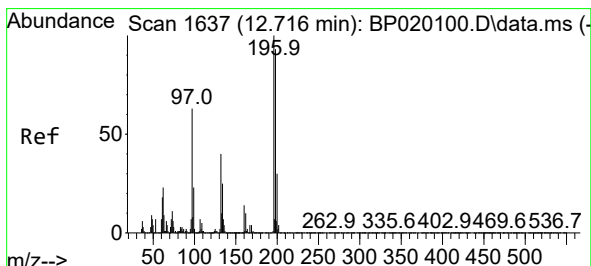
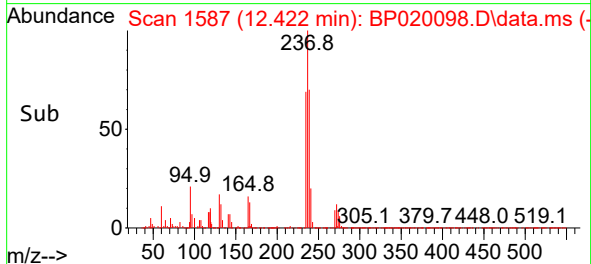
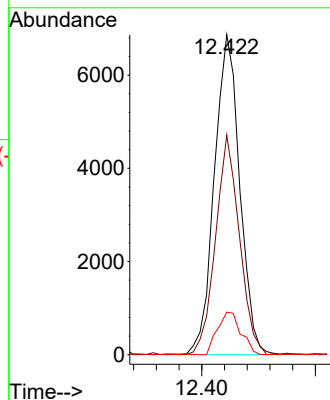
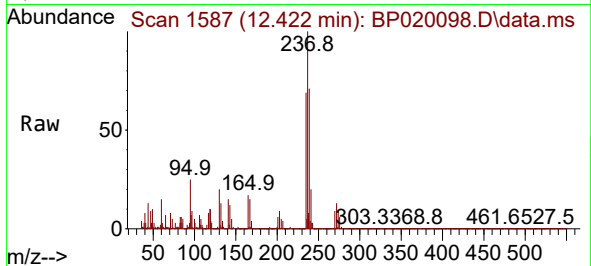




#40
Hexachlorocyclopentadiene
Concen: 2.800 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

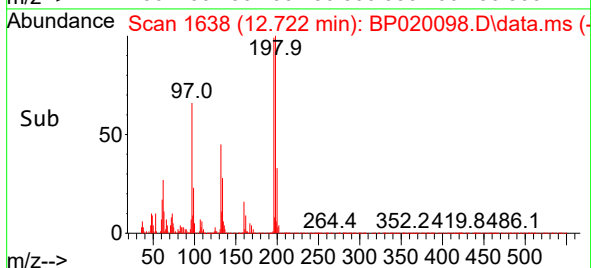
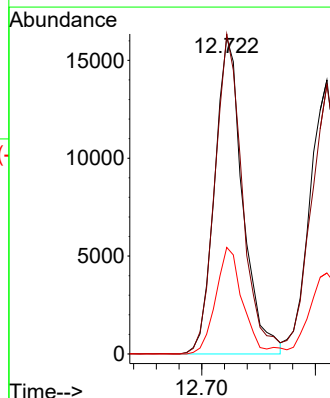
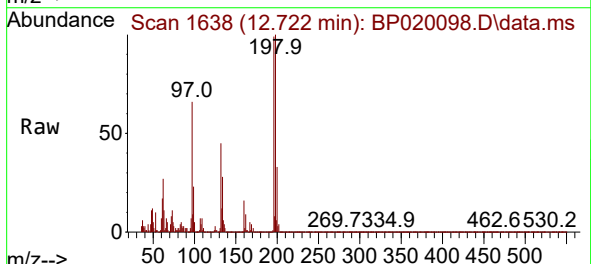
Instrument :
BNA_P
ClientSampleId :
SSTD005616

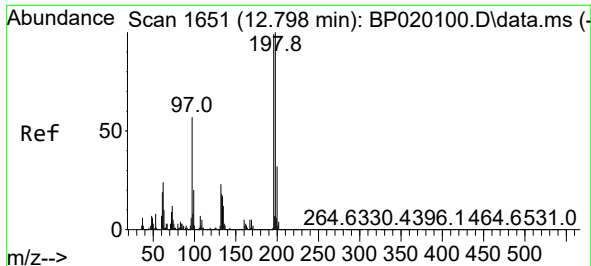
Tgt Ion:	237	Resp:	10641
Ion	Ratio	Lower	Upper
237	100		
235	68.6	47.6	71.4
272	13.3	9.3	13.9



#41
2,4,6-Trichlorophenol
Concen: 4.418 ng/ul
RT: 12.722 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:	196	Resp:	27875
Ion	Ratio	Lower	Upper
196	100		
198	101.1	74.3	111.5
200	33.7	24.3	36.5

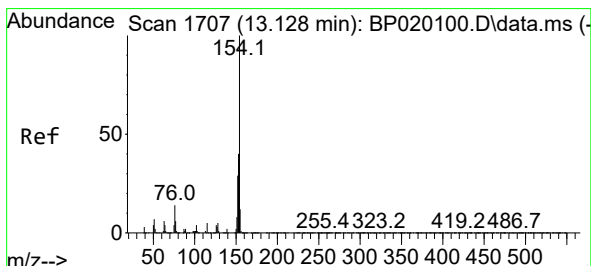
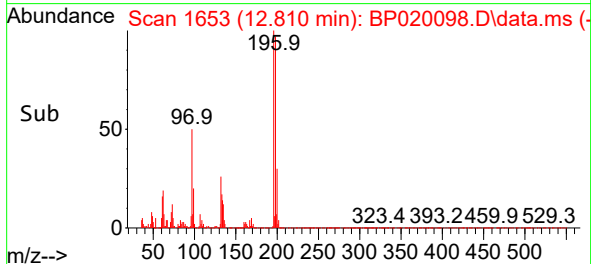
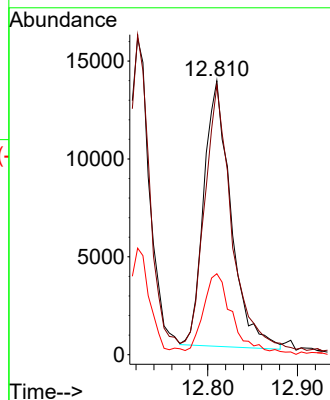
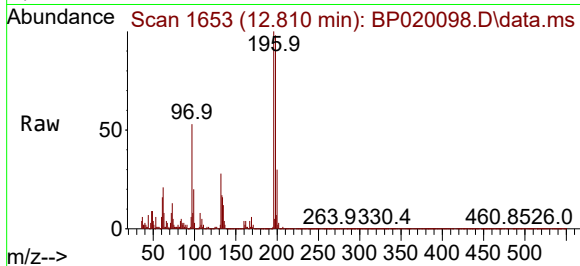




#42
2,4,5-Trichlorophenol
Concen: 4.351 ng/ul
RT: 12.810 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

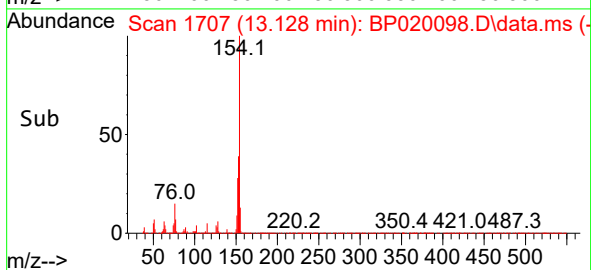
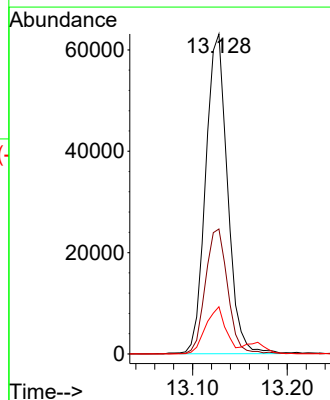
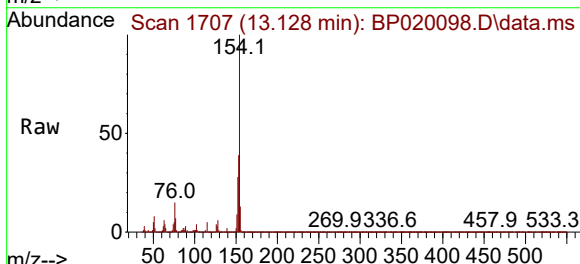
Instrument :
BNA_P
ClientSampleId :
SSTD005616

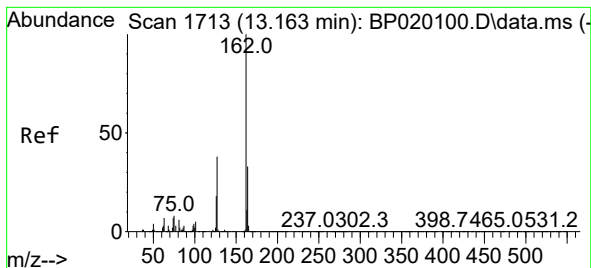
Tgt Ion:196 Resp: 28477
Ion Ratio Lower Upper
196 100
198 98.3 81.1 121.7
200 29.6 26.0 39.0



#43
1,1'-Biphenyl
Concen: 4.638 ng/ul
RT: 13.128 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:154 Resp: 100952
Ion Ratio Lower Upper
154 100
153 39.0 31.9 47.9
76 14.8 10.9 16.3





#44

2-Chloronaphthalene

Concen: 4.666 ng/ul

RT: 13.169 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

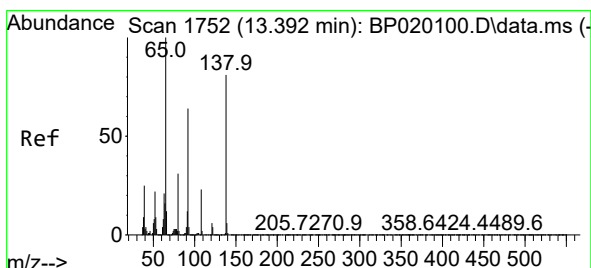
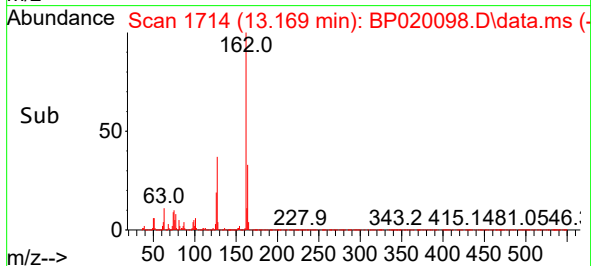
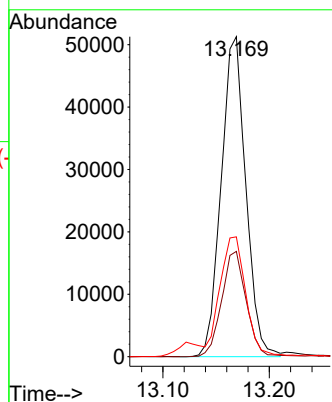
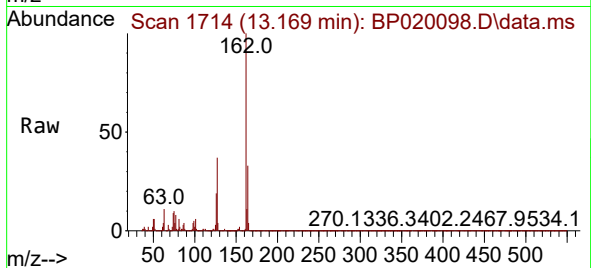
Tgt Ion:162 Resp: 82244

Ion Ratio Lower Upper

162 100

164 32.9 26.6 39.8

127 37.4 32.1 48.1



#45

2-Nitroaniline

Concen: 4.221 ng/ul

RT: 13.404 min Scan# 1754

Delta R.T. 0.012 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

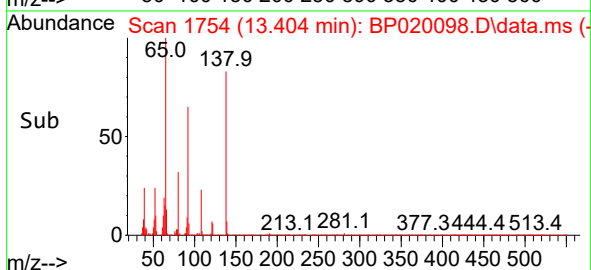
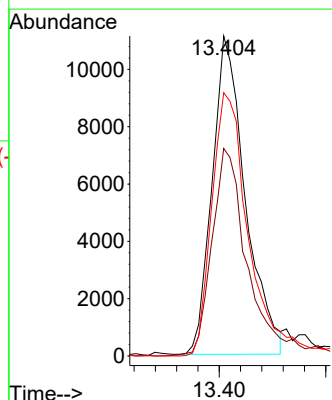
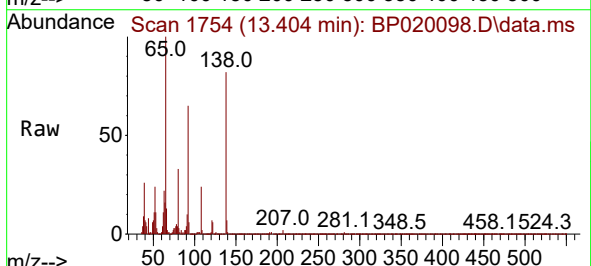
Tgt Ion: 65 Resp: 24061

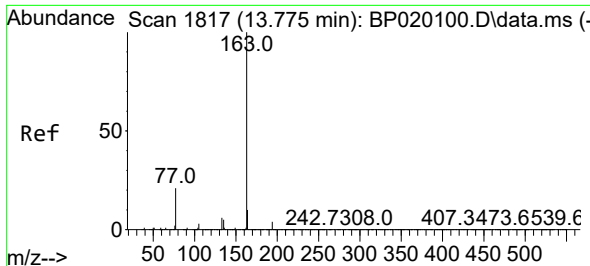
Ion Ratio Lower Upper

65 100

92 64.9 51.3 76.9

138 82.3 64.8 97.2

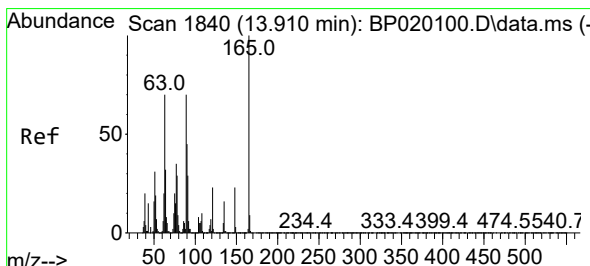
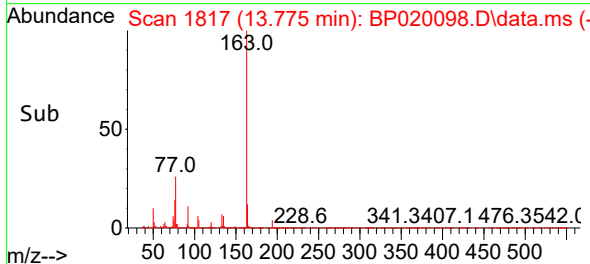
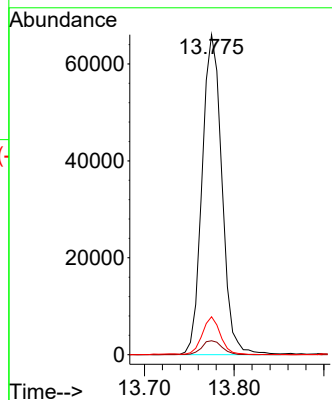
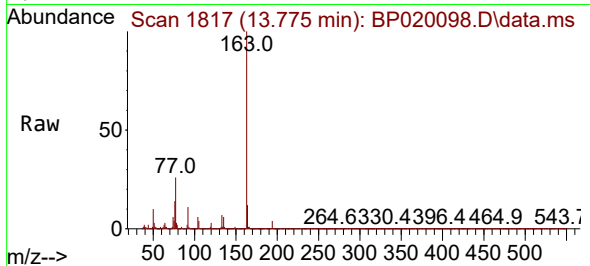




#47
Dimethylphthalate
Concen: 4.740 ng/ul
RT: 13.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

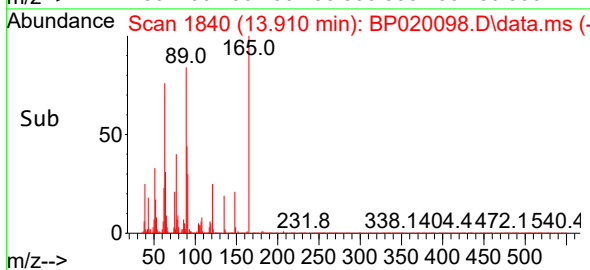
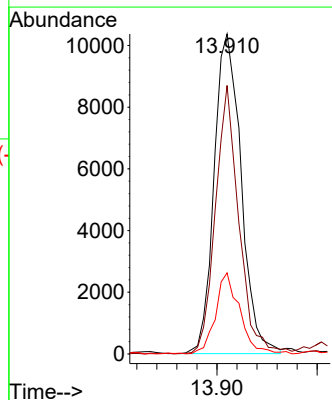
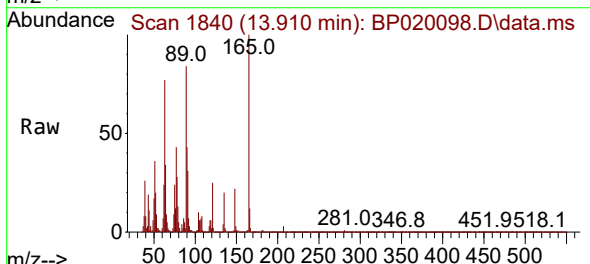
Instrument :
BNA_P
ClientSampleId :
SSTD005616

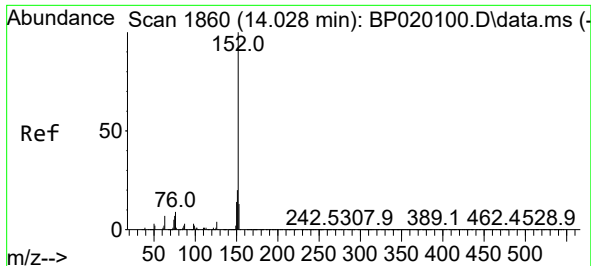
Tgt Ion:163 Resp: 101364
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 11.9 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 4.535 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:165 Resp: 19386
Ion Ratio Lower Upper
165 100
89 83.9 56.1 84.1
121 25.3 18.1 27.1

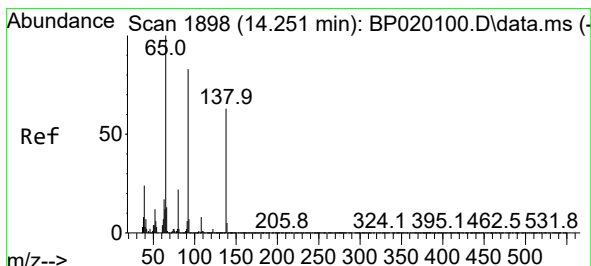
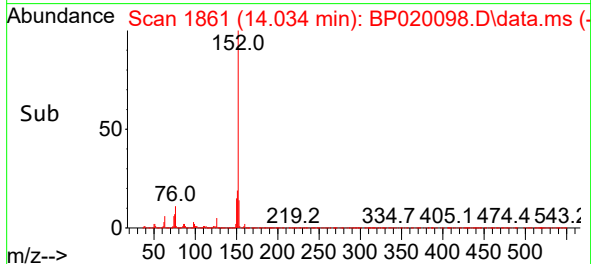
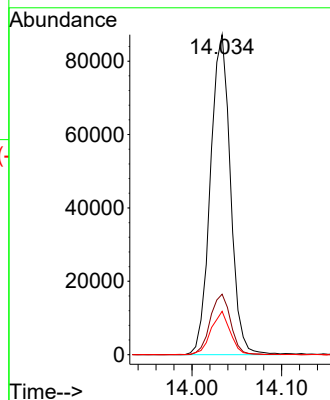
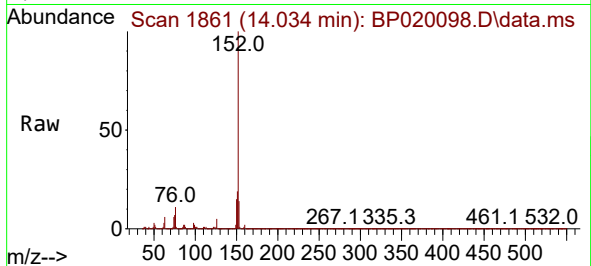




#50
Acenaphthylene
Concen: 4.895 ng/ul
RT: 14.034 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

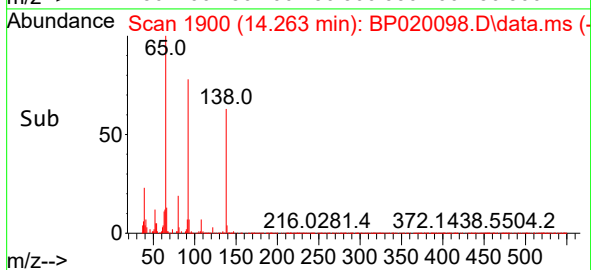
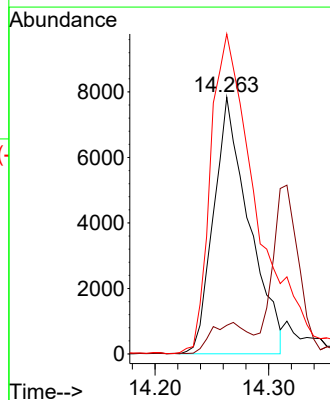
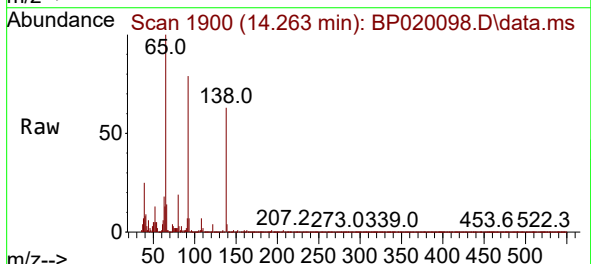
Instrument :
BNA_P
ClientSampleId :
SSTD005616

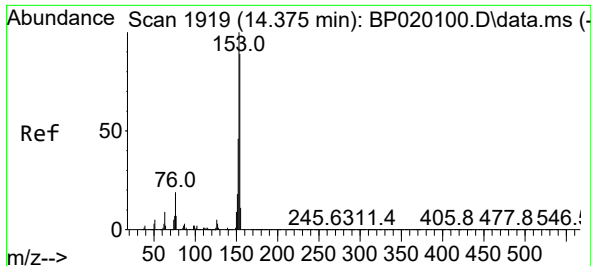
Tgt Ion:152 Resp: 135060
Ion Ratio Lower Upper
152 100
151 18.9 15.7 23.5
153 13.5 10.3 15.5



#51
3-Nitroaniline
Concen: 4.015 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. 0.012 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:138 Resp: 16937
Ion Ratio Lower Upper
138 100
108 11.2 9.8 14.6
92 124.6 105.1 157.7

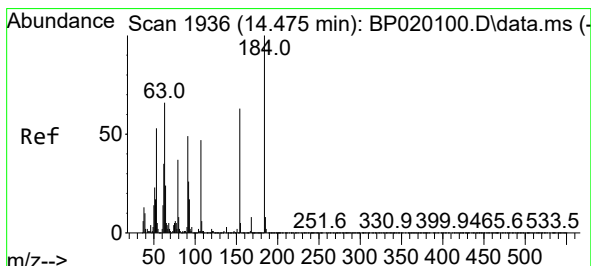
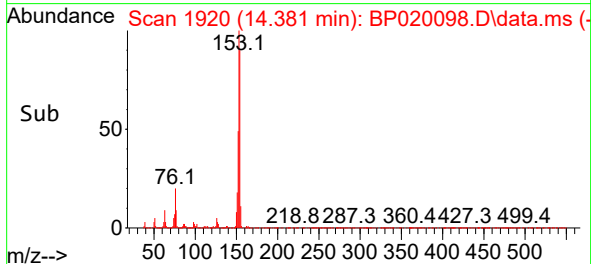
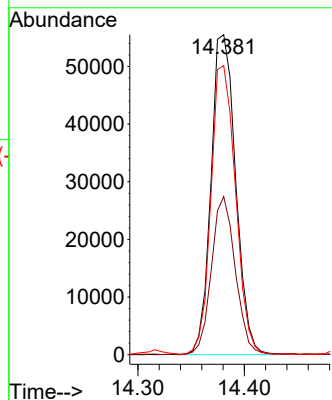
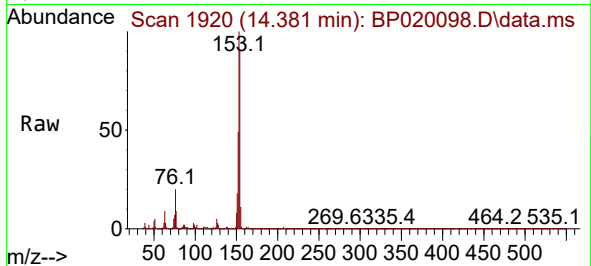




#52
Acenaphthene
Concen: 4.926 ng/ul
RT: 14.381 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

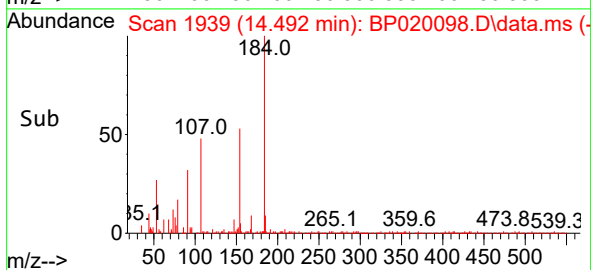
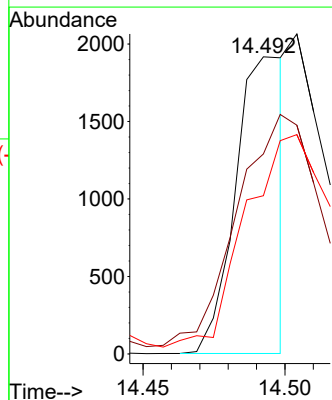
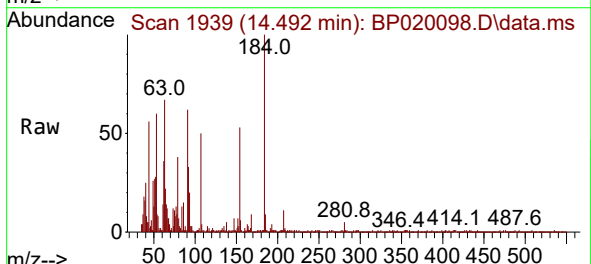
Instrument :
BNA_P
ClientSampleId :
SSTD005616

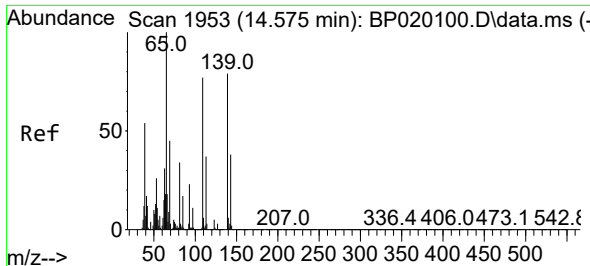
Tgt Ion:153 Resp: 89484
Ion Ratio Lower Upper
153 100
152 49.4 36.9 55.3
154 90.4 71.6 107.4



#53
2,4-Dinitrophenol
Concen: 1.275 ng/ul
RT: 14.492 min Scan# 1939
Delta R.T. 0.018 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:184 Resp: 2316
Ion Ratio Lower Upper
184 100
63 67.3 53.3 79.9
154 53.3 51.8 77.6

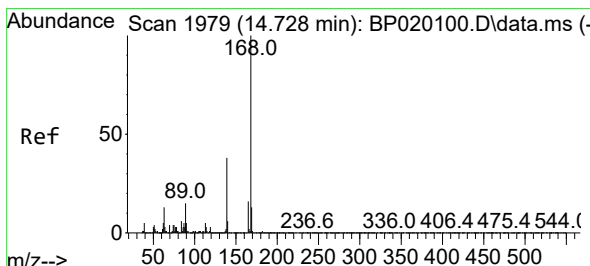
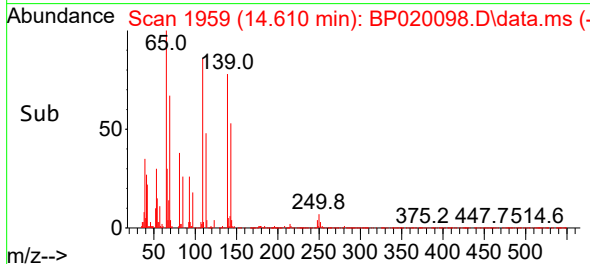
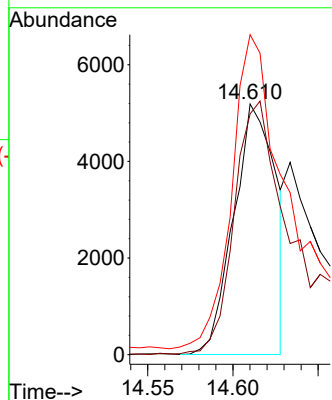
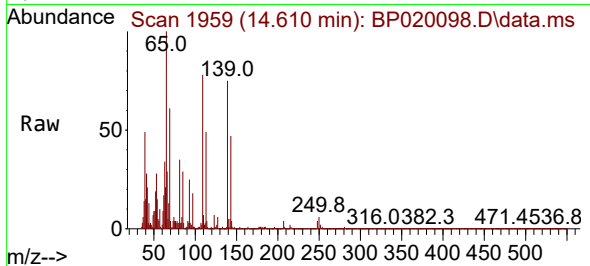




#55
4-Nitrophenol
Concen: 2.717 ng/ul
RT: 14.610 min Scan# 1959
Delta R.T. 0.035 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

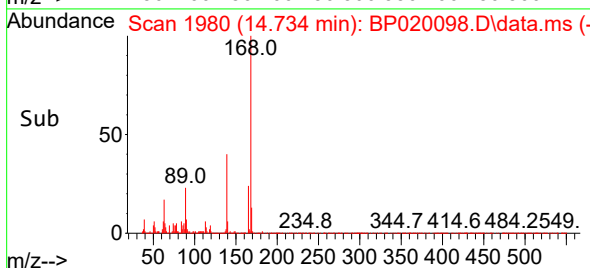
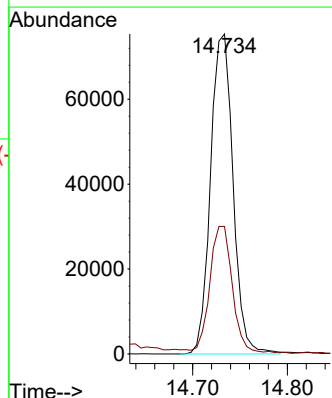
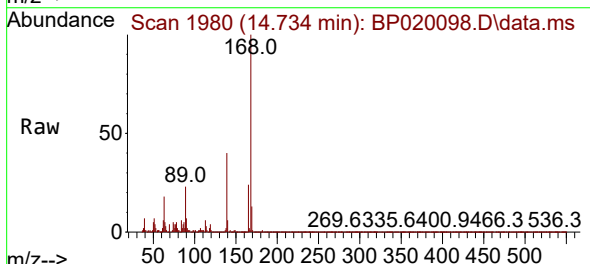
Instrument :
BNA_P
ClientSampleId :
SSTD005616

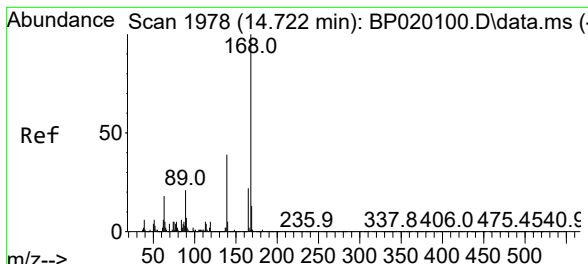
Tgt Ion:109 Resp: 8904
Ion Ratio Lower Upper
109 100
139 96.1 81.4 122.2
65 127.7 104.3 156.5



#56
Dibenzofuran
Concen: 4.937 ng/ul
RT: 14.734 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:168 Resp: 124116
Ion Ratio Lower Upper
168 100
139 39.8 30.6 46.0

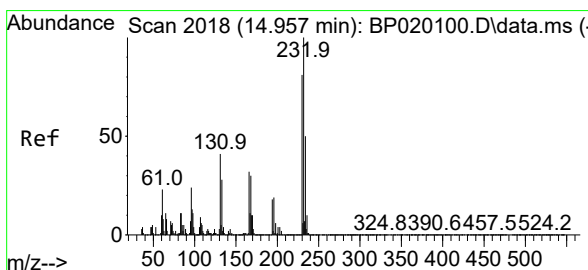
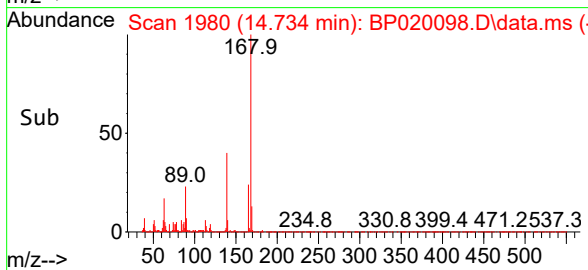
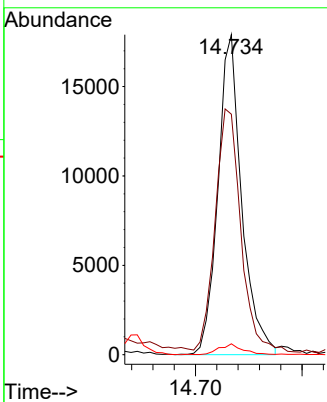
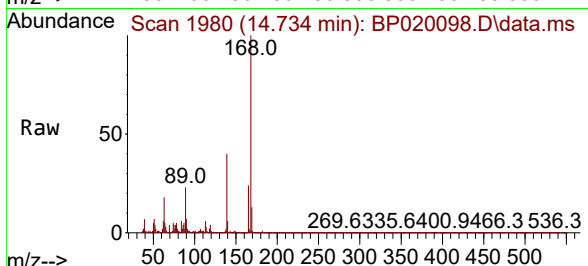




#57
2,4-Dinitrotoluene
Concen: 4.581 ng/ul
RT: 14.734 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

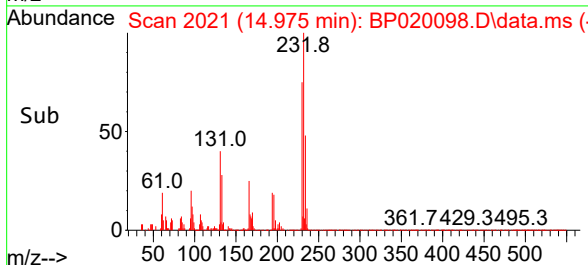
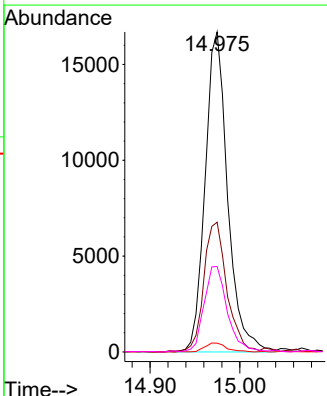
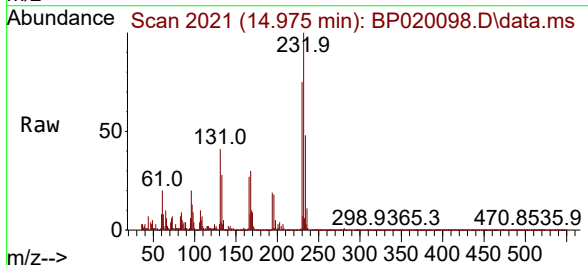
Instrument :
BNA_P
ClientSampleId :
SSTD005616

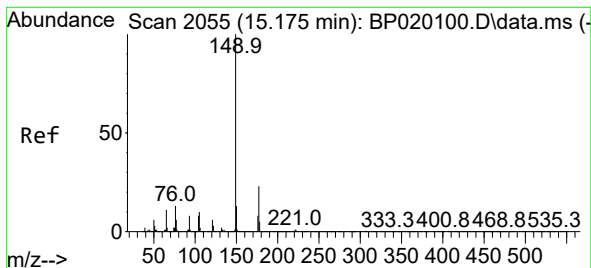
Tgt Ion:	165	Resp:	27772
Ion Ratio	Lower	Upper	
165	100		
63	75.1	63.2	94.8
182	3.4	2.2	3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.985 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. 0.018 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:	232	Resp:	29106
Ion Ratio	Lower	Upper	
232	100		
131	40.6	33.2	49.8
130	2.7	2.2	3.2
166	26.7	25.2	37.8





#59

Diethylphthalate

Concen: 4.892 ng/ul

RT: 15.181 min Scan# 2055

Delta R.T. 0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

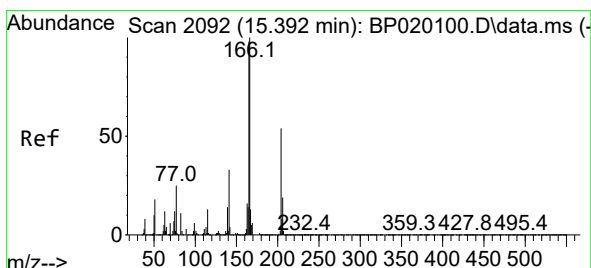
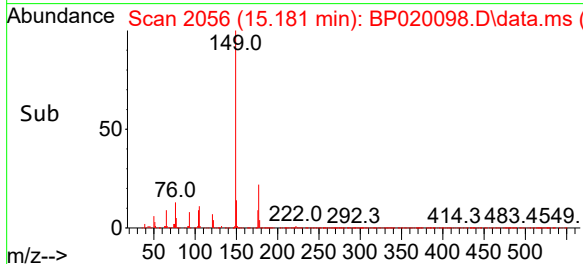
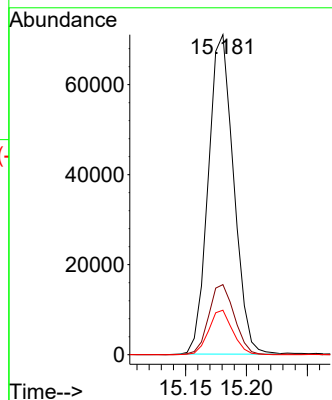
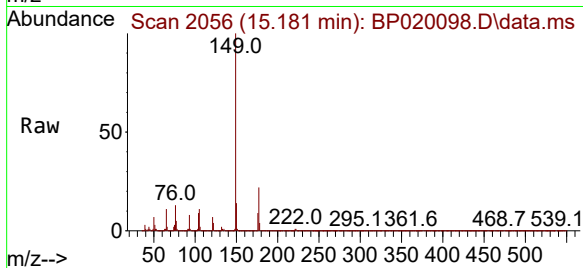
Tgt Ion:149 Resp: 102895

Ion Ratio Lower Upper

149 100

177 21.9 18.3 27.5

150 13.9 10.0 15.0



#61

Fluorene

Concen: 5.050 ng/ul

RT: 15.404 min Scan# 2094

Delta R.T. 0.012 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

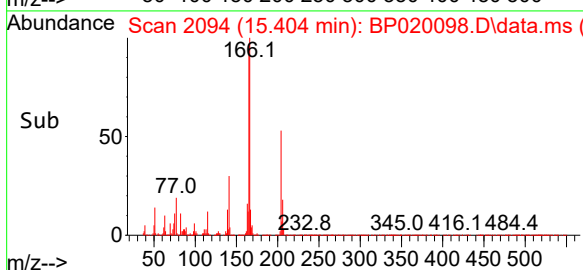
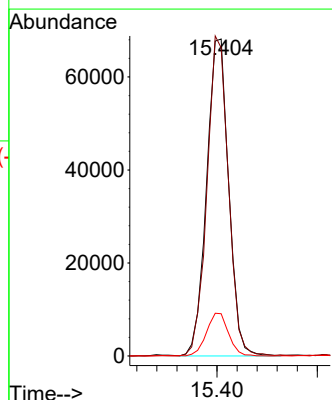
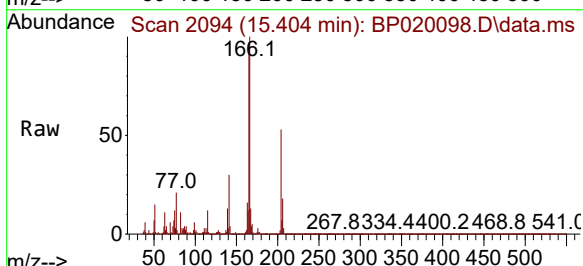
Tgt Ion:166 Resp: 104364

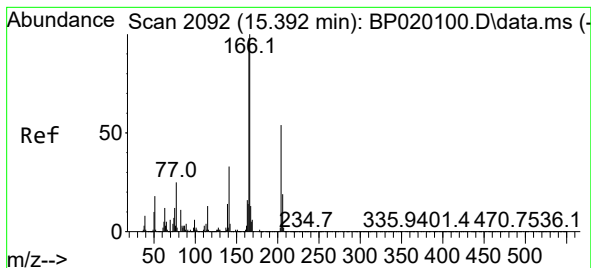
Ion Ratio Lower Upper

166 100

165 97.2 78.0 117.0

167 13.3 10.4 15.6

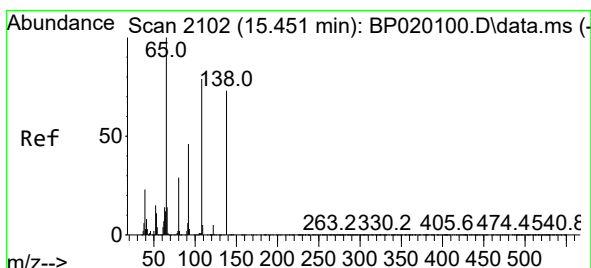
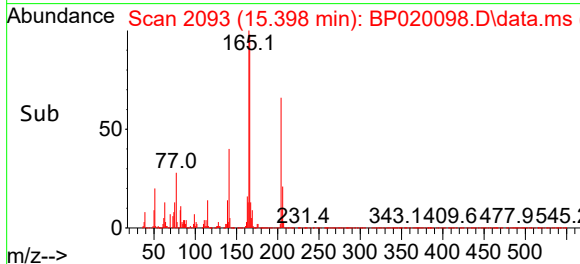
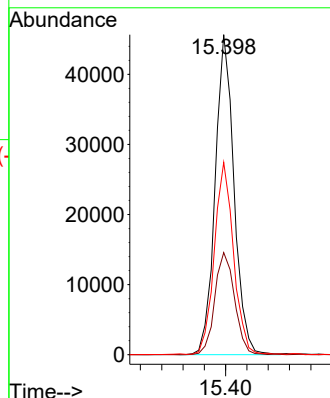
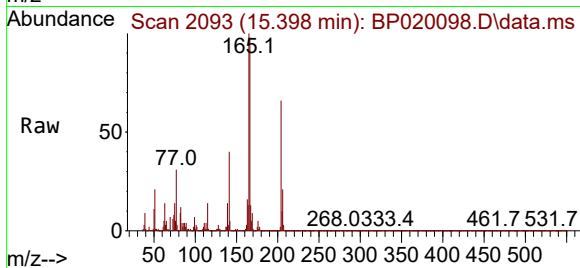




#62
4-Chlorophenyl-phenylether
Concen: 4.990 ng/ul
RT: 15.398 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

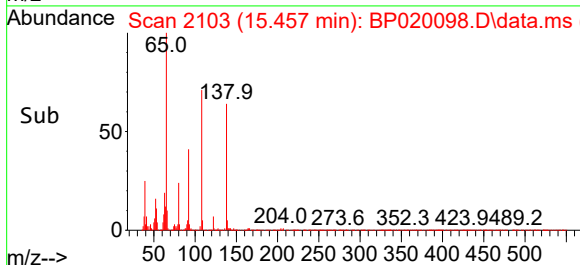
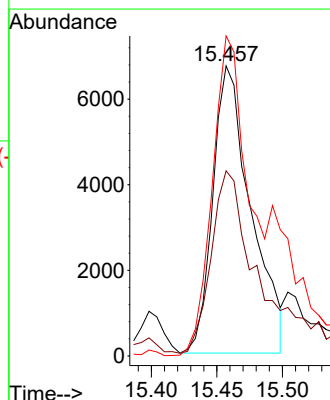
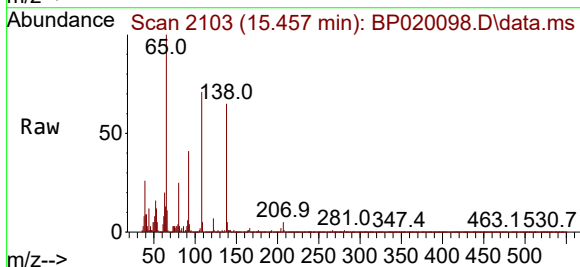
Instrument :
BNA_P
ClientSampleId :
SSTD005616

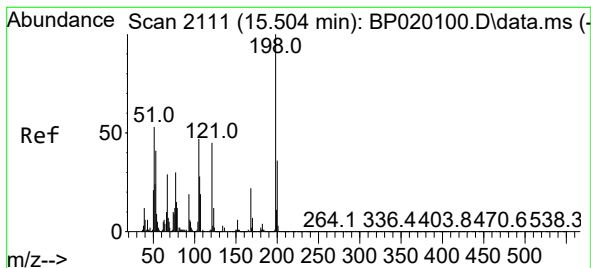
Tgt Ion:204 Resp: 56038
Ion Ratio Lower Upper
204 100
206 31.9 27.4 41.2
141 60.1 48.8 73.2



#63
4-Nitroaniline
Concen: 3.484 ng/ul
RT: 15.457 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:138 Resp: 13555
Ion Ratio Lower Upper
138 100
92 63.8 49.8 74.8
108 110.3 85.4 128.0

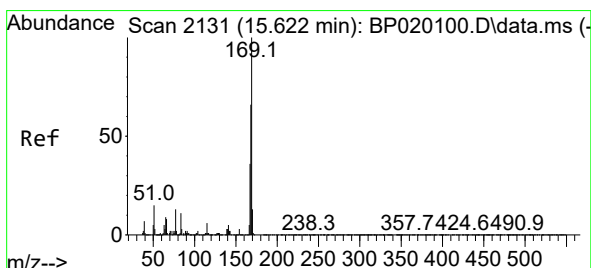
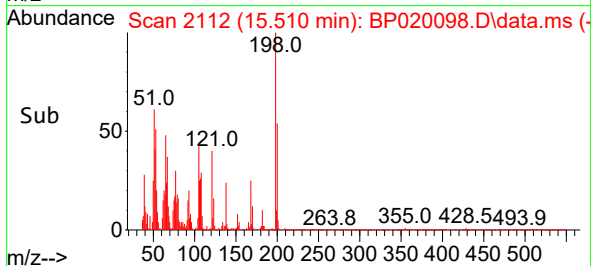
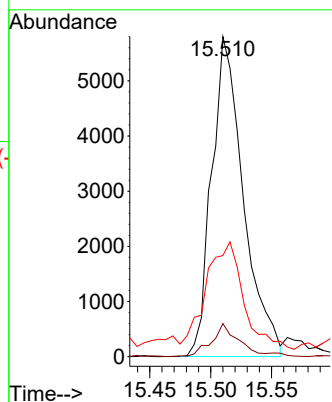
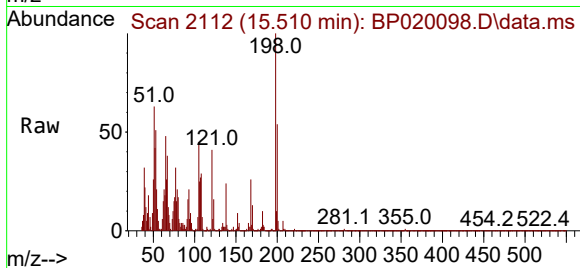




#66
4,6-Dinitro-2-methylphenol
Concen: 3.150 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

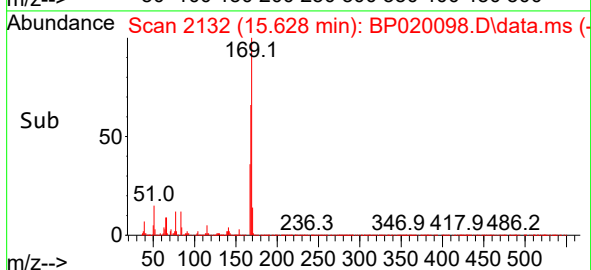
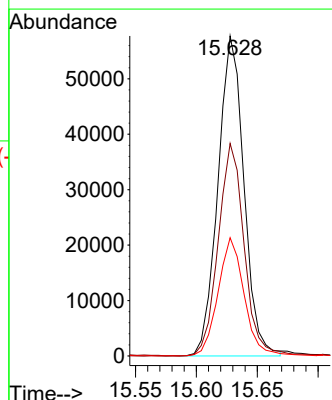
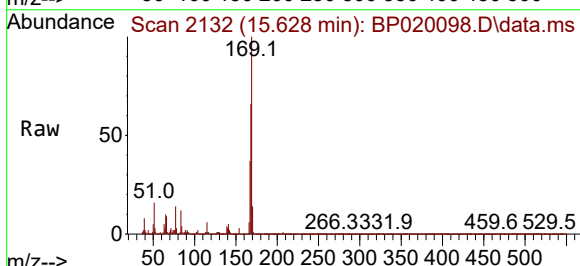
Instrument :
BNA_P
ClientSampleId :
SSTD005616

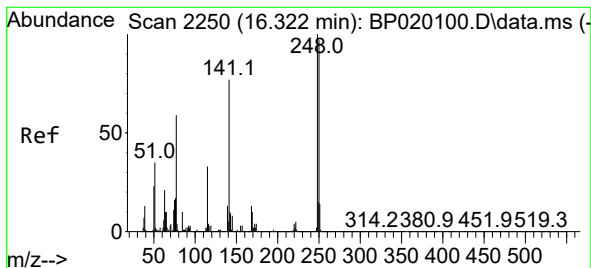
Tgt Ion:198 Resp: 10540
Ion Ratio Lower Upper
198 100
182 10.3 3.0 4.6#
77 31.6 24.9 37.3



#67
N-Nitrosodiphenylamine
Concen: 4.876 ng/ul
RT: 15.628 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:169 Resp: 85625
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.4
167 37.0 28.9 43.3

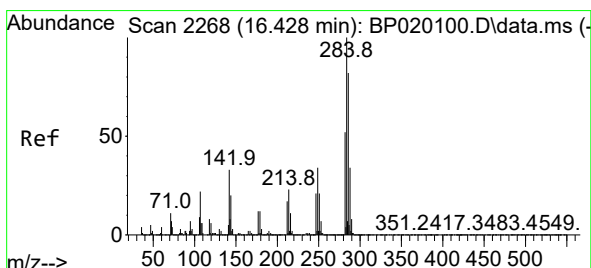
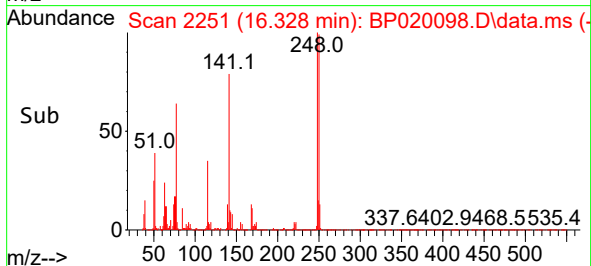
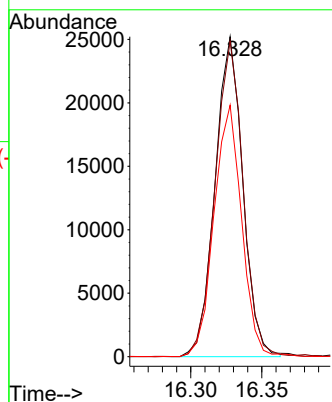
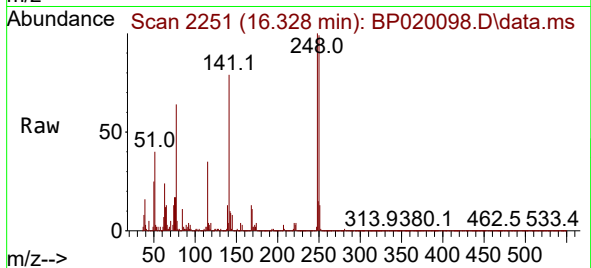




#68
4-Bromophenyl-phenylether
Concen: 4.706 ng/ul
RT: 16.328 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

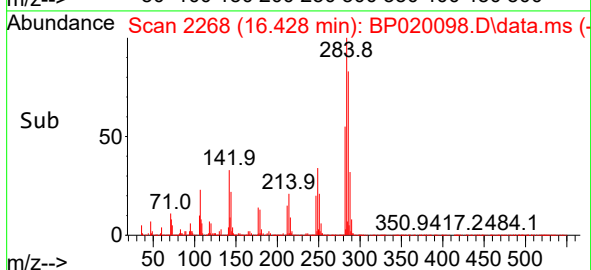
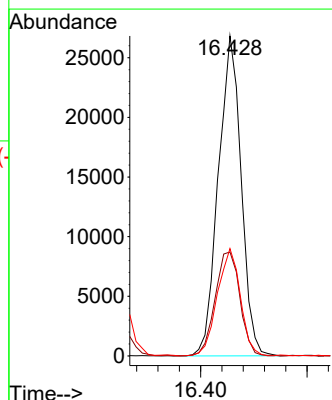
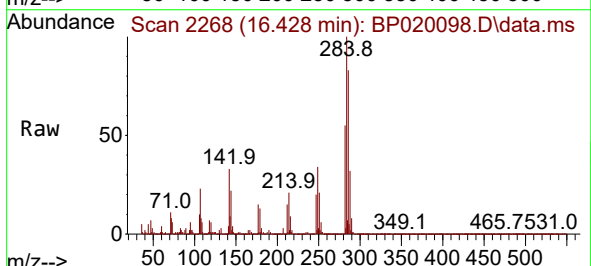
Instrument :
BNA_P
ClientSampleId :
SSTD005616

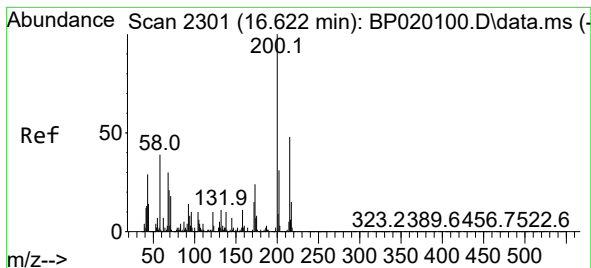
Tgt Ion:248 Resp: 34174
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.6
141 78.6 61.4 92.0



#69
Hexachlorobenzene
Concen: 4.844 ng/ul
RT: 16.428 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:284 Resp: 39830
Ion Ratio Lower Upper
284 100
142 30.5 26.2 39.2
249 31.5 27.0 40.4





#70

Atrazine

Concen: 4.722 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

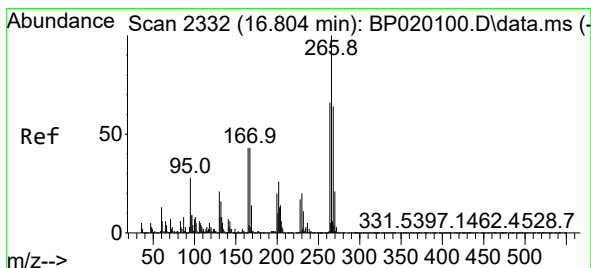
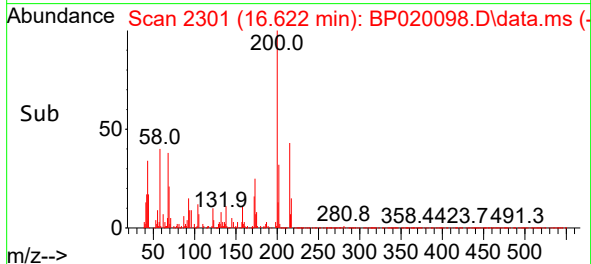
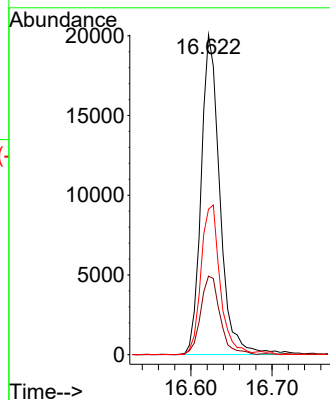
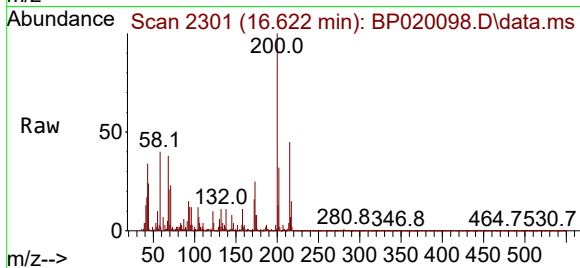
Tgt Ion:200 Resp: 32134

Ion Ratio Lower Upper

200 100

173 24.6 19.1 28.7

215 45.5 38.1 57.1



#71

Pentachlorophenol

Concen: 4.012 ng/ul

RT: 16.804 min Scan# 2332

Delta R.T. 0.000 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

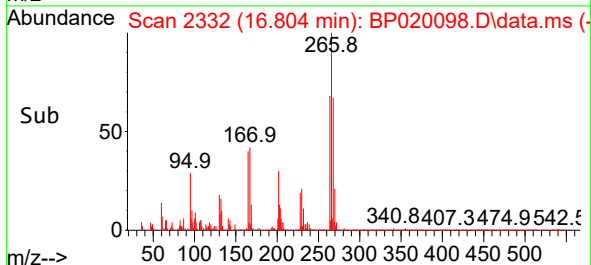
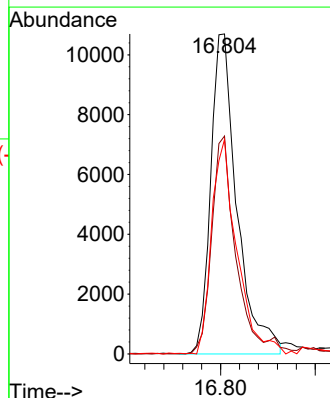
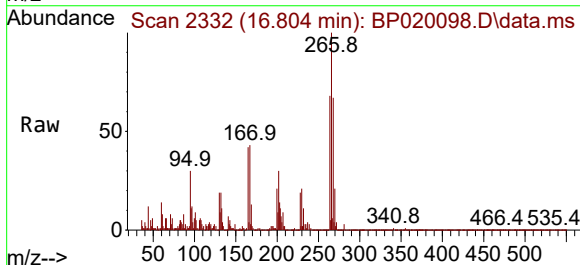
Tgt Ion:266 Resp: 20608

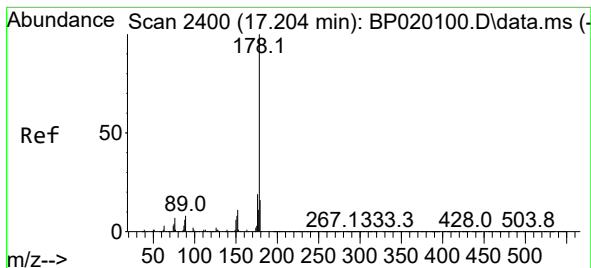
Ion Ratio Lower Upper

266 100

264 68.1 52.8 79.2

268 67.0 51.6 77.4





#72

Phenanthrene

Concen: 4.847 ng/ul

RT: 17.204 min Scan# 2400

Delta R.T. 0.000 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

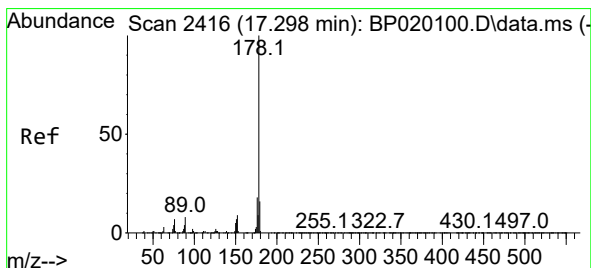
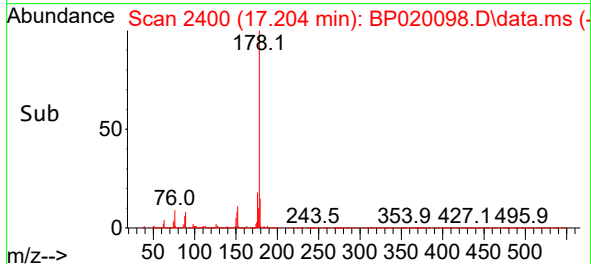
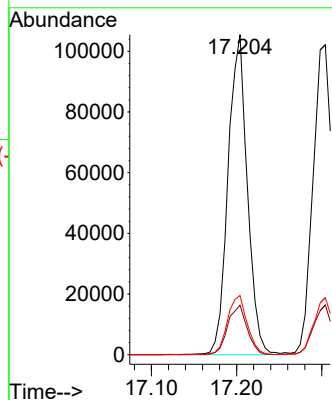
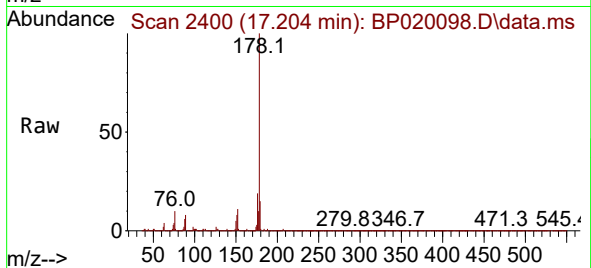
Tgt Ion:178 Resp: 165588

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 18.5 15.0 22.4



#74

Anthracene

Concen: 4.874 ng/ul

RT: 17.304 min Scan# 2417

Delta R.T. 0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

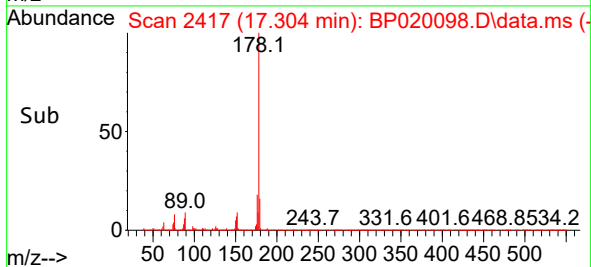
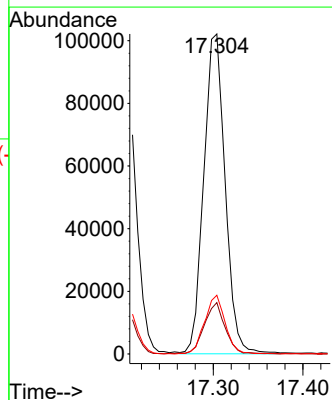
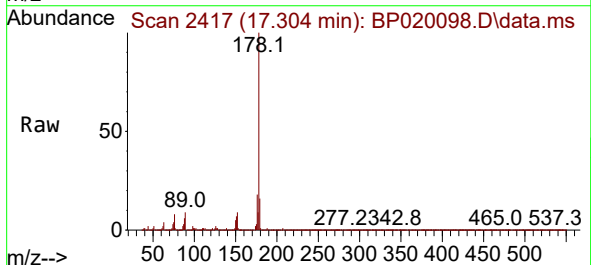
Tgt Ion:178 Resp: 169150

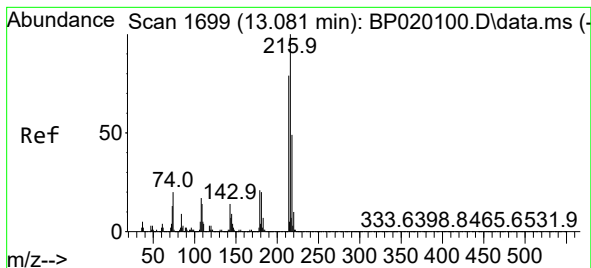
Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 18.4 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.510 ng/uL

RT: 13.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

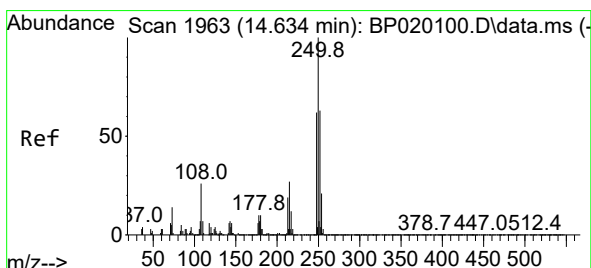
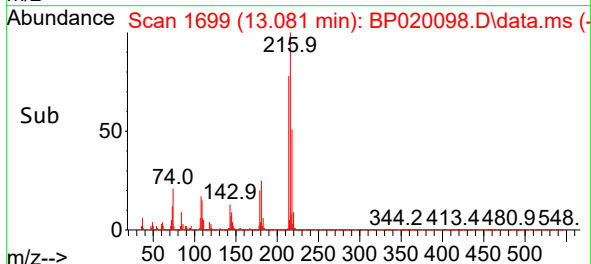
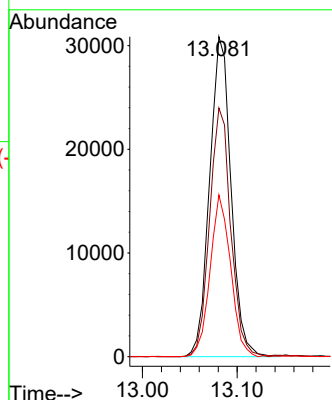
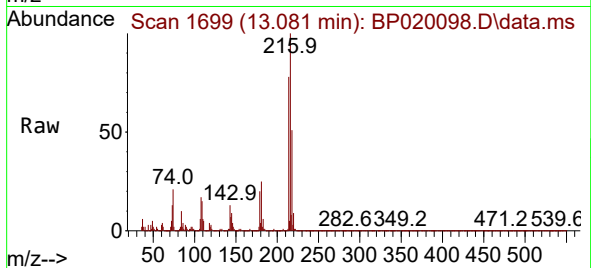
Tgt Ion:216 Resp: 48592

Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.6

218 50.6 38.8 58.2



#76

Pentachlorobenzene

Concen: 4.784 ng/uL

RT: 14.639 min Scan# 1964

Delta R.T. 0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

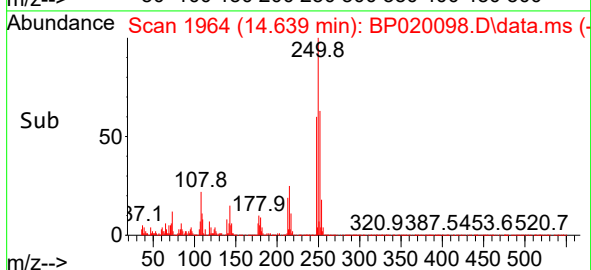
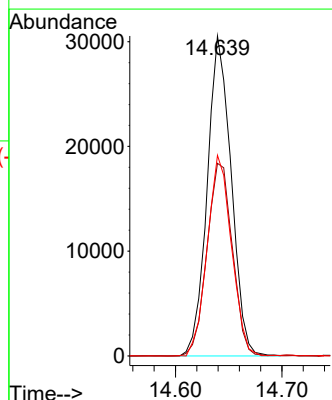
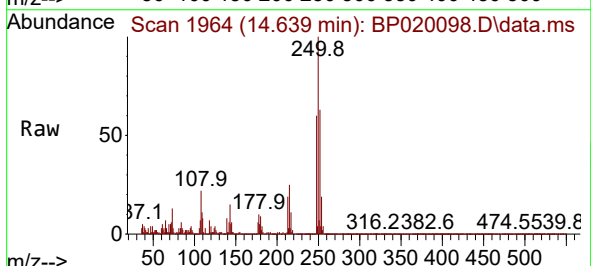
Tgt Ion:250 Resp: 47718

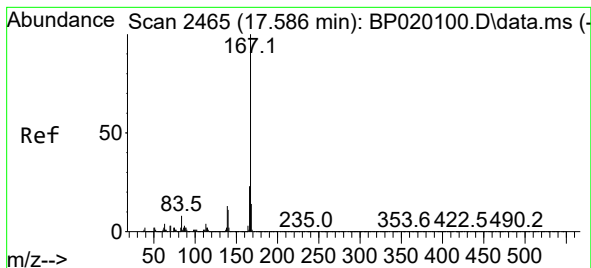
Ion Ratio Lower Upper

250 100

248 60.2 49.5 74.3

252 62.7 50.5 75.7





#77

Carbazole

Concen: 4.550 ng/ul

RT: 17.598 min Scan# 2465

Delta R.T. 0.012 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

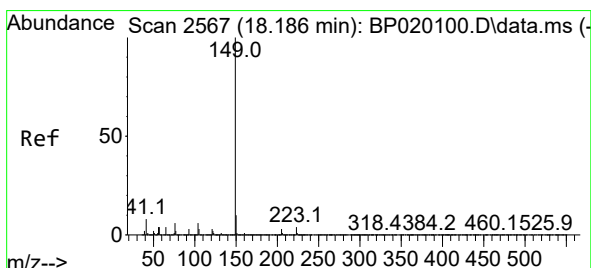
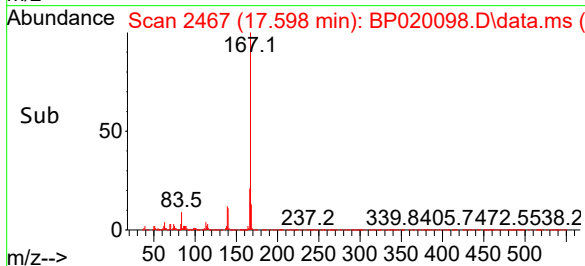
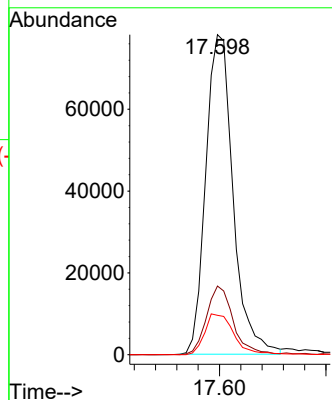
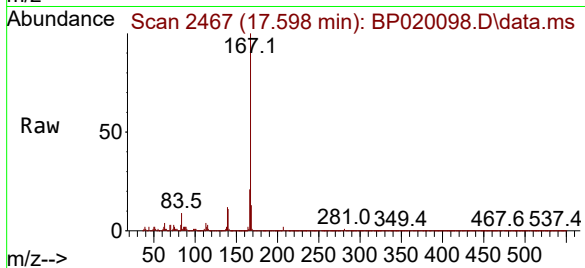
Tgt Ion:167 Resp: 139030

Ion Ratio Lower Upper

167 100

166 21.5 18.0 27.0

139 12.3 10.6 16.0



#78

Di-n-butylphthalate

Concen: 4.737 ng/ul

RT: 18.192 min Scan# 2568

Delta R.T. 0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

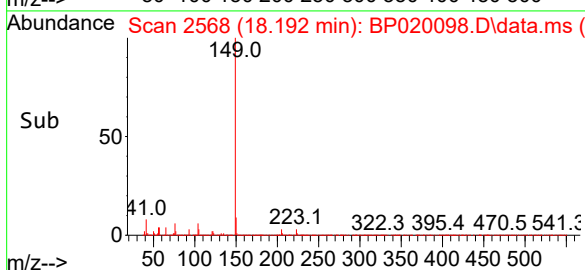
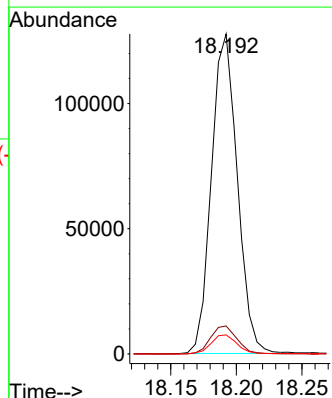
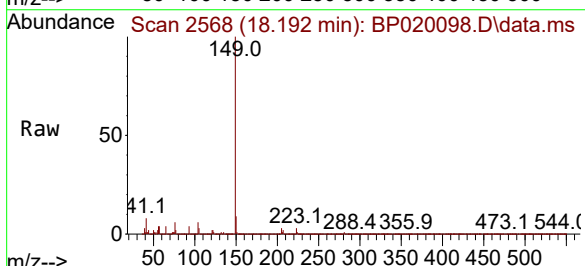
Tgt Ion:149 Resp: 175046

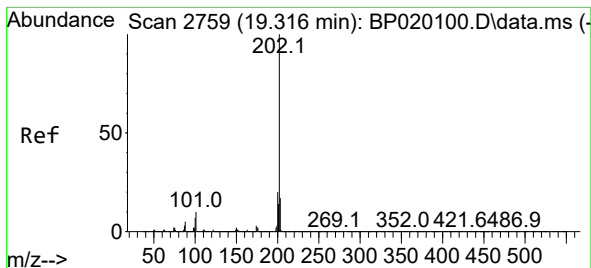
Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

104 6.0 4.9 7.3

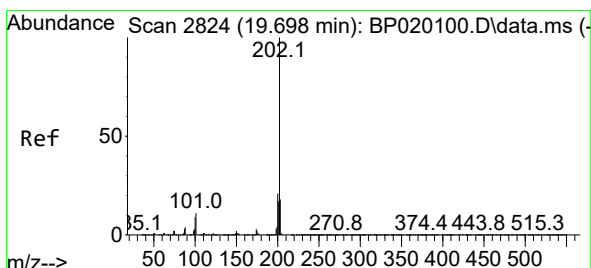
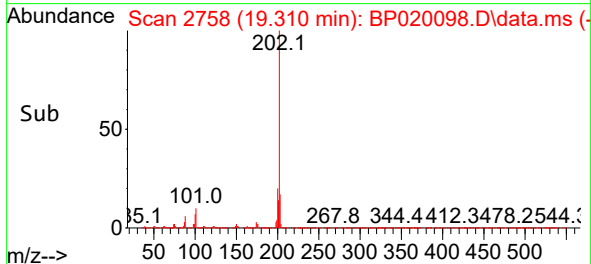
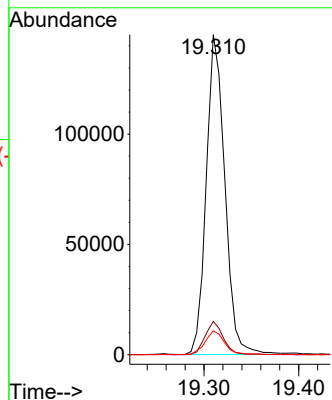
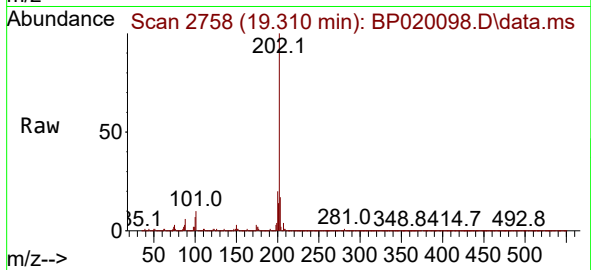




#80
Fluoranthene
Concen: 4.898 ng/ul
RT: 19.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

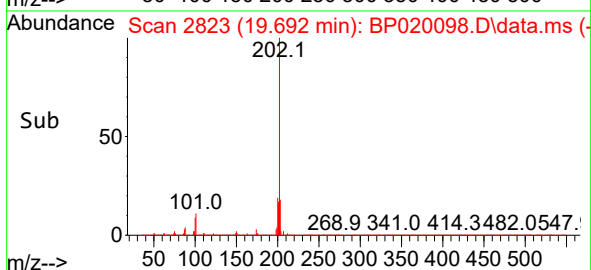
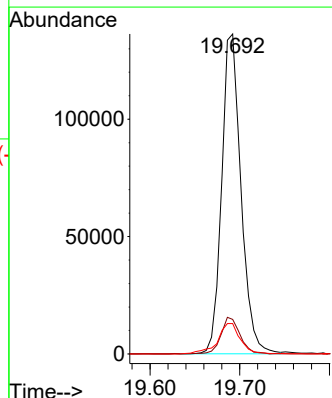
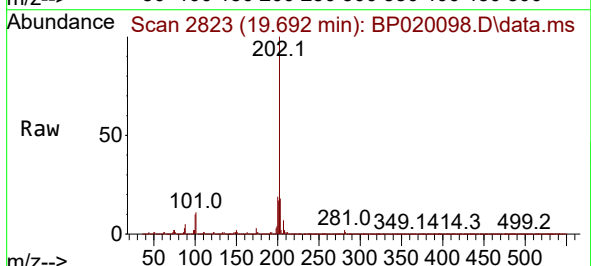
Instrument :
BNA_P
ClientSampleId :
SSTD005616

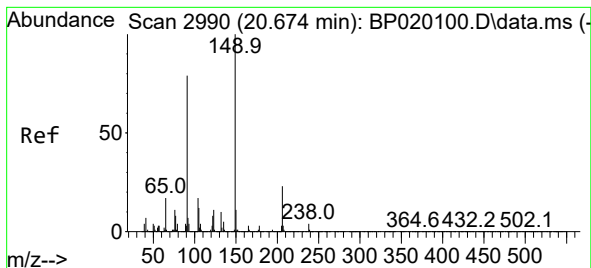
Tgt Ion:202 Resp: 197989
Ion Ratio Lower Upper
202 100
101 10.4 7.7 11.5
100 7.4 5.9 8.9



#82
Pyrene
Concen: 4.831 ng/ul
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP020098.D
Acq: 23 Apr 2024 10:06

Tgt Ion:202 Resp: 203508
Ion Ratio Lower Upper
202 100
101 10.8 9.1 13.7
100 9.5 7.3 10.9





#83

Butylbenzylphthalate

Concen: 4.695 ng/ul

RT: 20.669 min Scan# 2990

Delta R.T. -0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

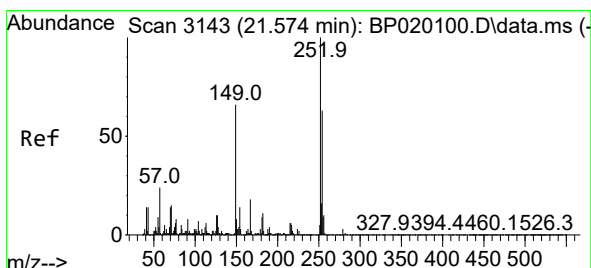
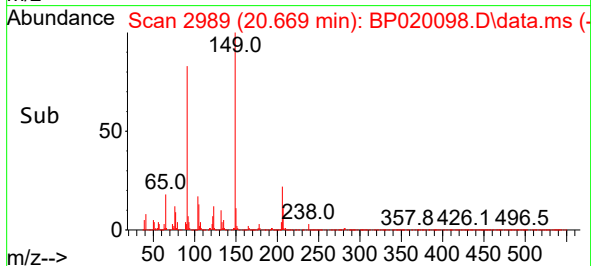
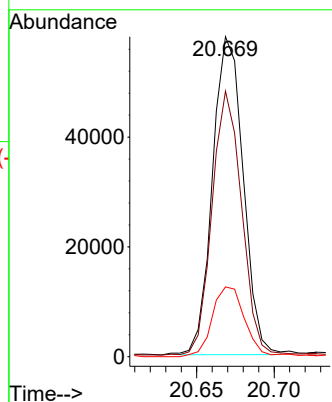
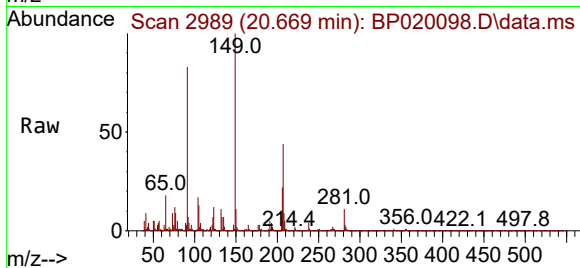
Tgt Ion:149 Resp: 79544

Ion Ratio Lower Upper

149 100

91 83.0 63.3 94.9

206 21.8 18.4 27.6



#84

3,3'-Dichlorobenzidine

Concen: 5.813 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

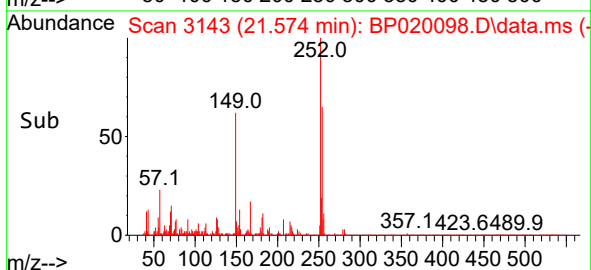
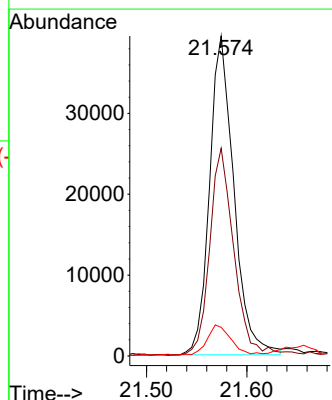
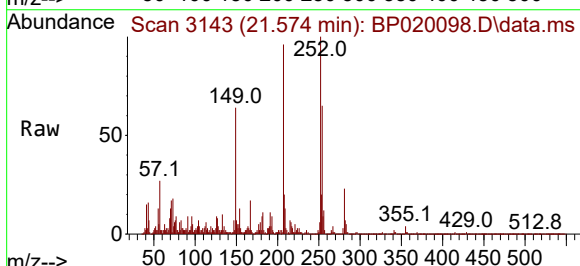
Tgt Ion:252 Resp: 66639

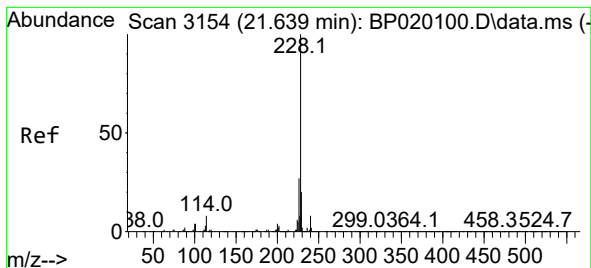
Ion Ratio Lower Upper

252 100

254 64.9 50.6 75.8

126 8.9 7.8 11.6





#85

Benzo(a)anthracene

Concen: 4.811 ng/ul

RT: 21.639 min Scan# 3154

Delta R.T. 0.000 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

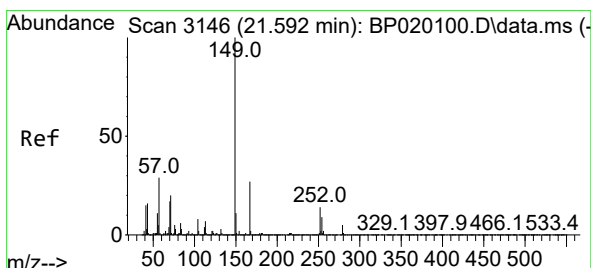
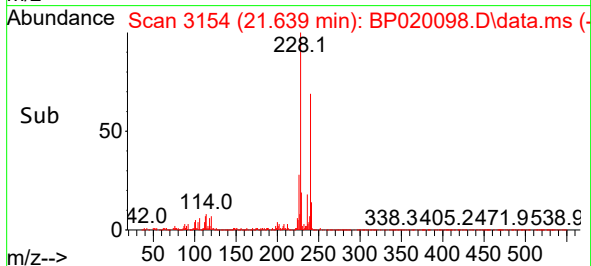
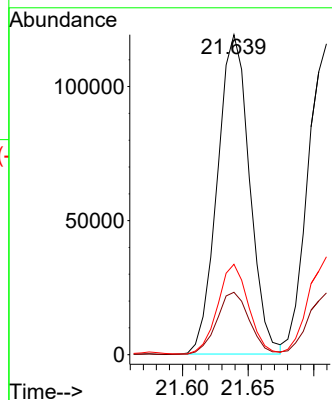
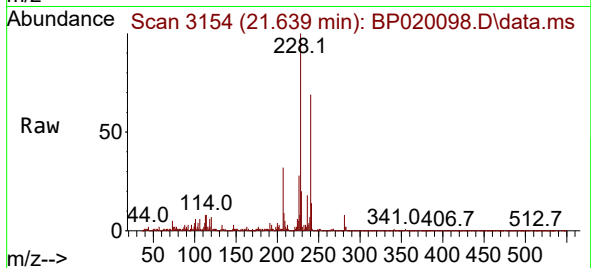
Tgt Ion:228 Resp: 203532

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.6

226 28.2 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.803 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

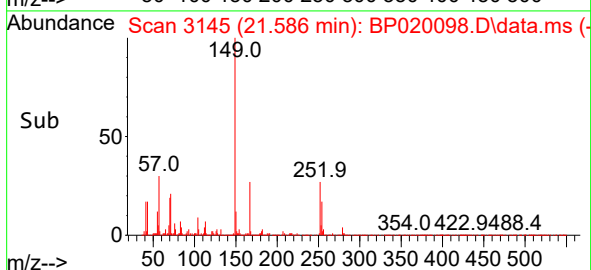
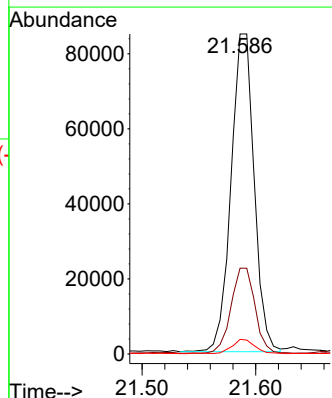
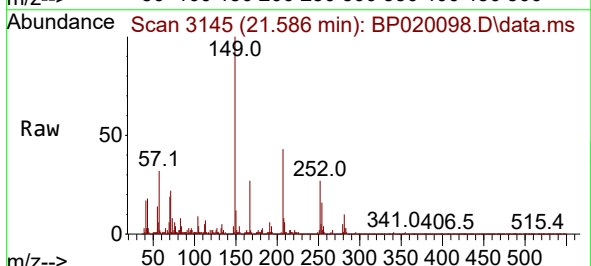
Tgt Ion:149 Resp: 119642

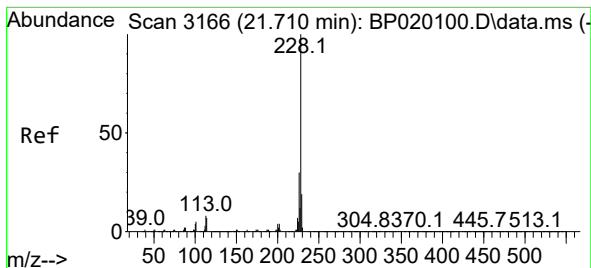
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 4.5 3.8 5.8





#87

Chrysene

Concen: 4.712 ng/ul

RT: 21.710 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

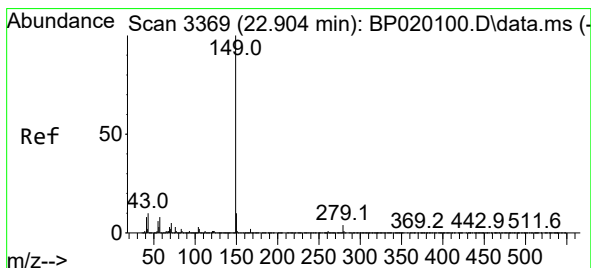
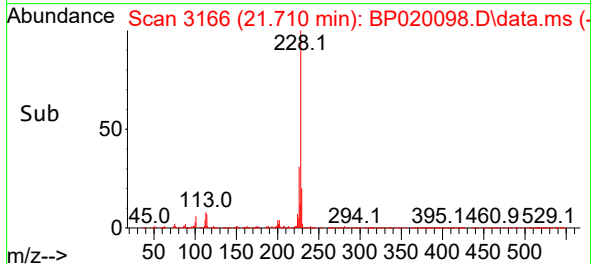
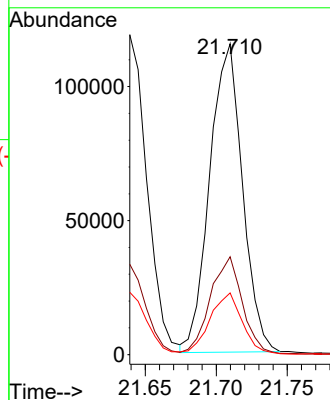
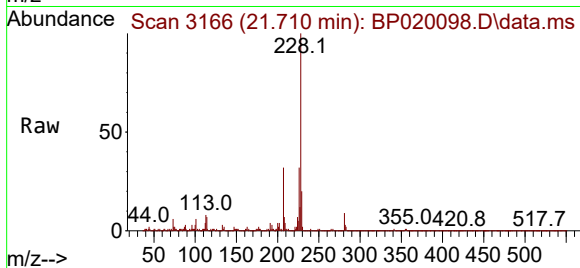
Tgt Ion:228 Resp: 184404

Ion Ratio Lower Upper

228 100

226 31.5 24.2 36.2

229 19.8 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 4.782 ng/ul

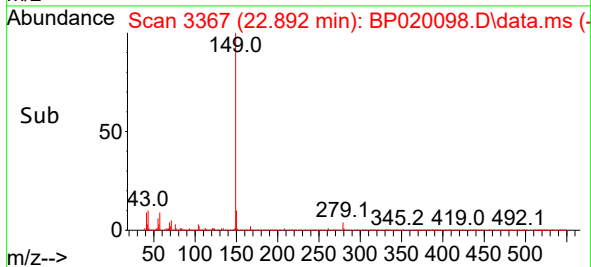
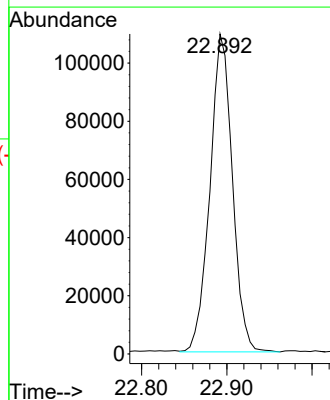
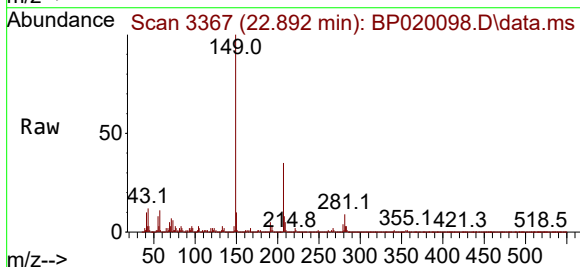
RT: 22.892 min Scan# 3367

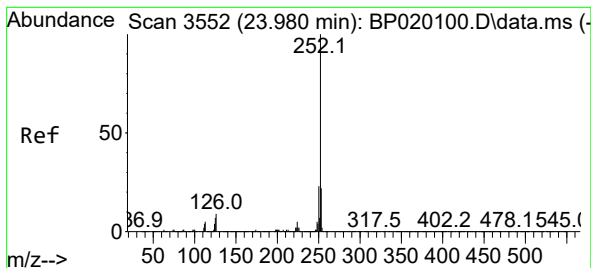
Delta R.T. -0.012 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Tgt Ion:149 Resp: 200305





#90

Benzo(b)fluoranthene

Concen: 4.703 ng/ul

RT: 23.968 min Scan# 3550

Delta R.T. -0.012 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

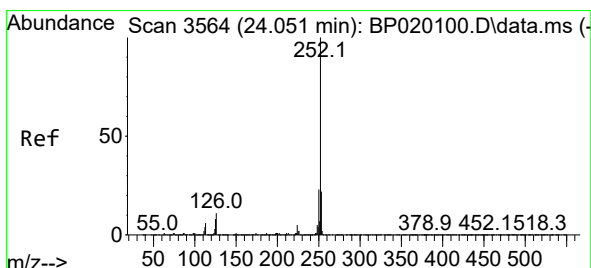
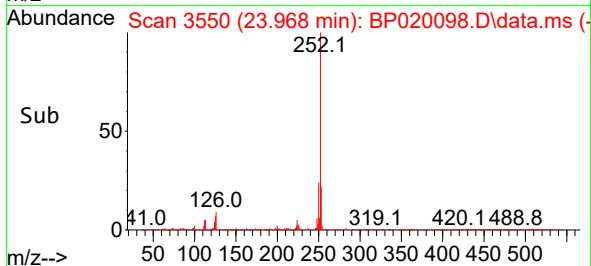
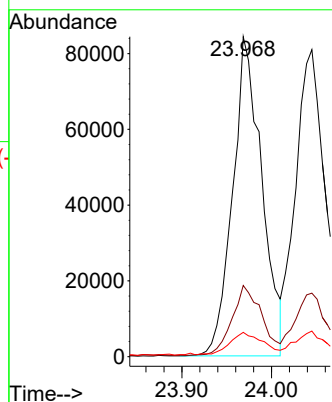
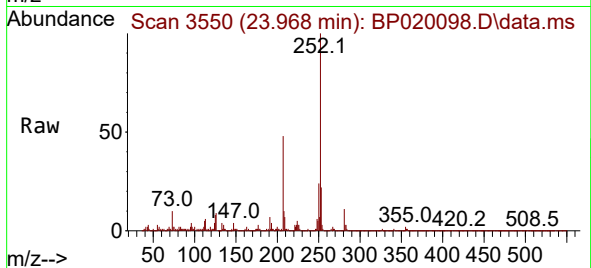
Tgt Ion:252 Resp: 190202

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 7.6 5.7 8.5



#91

Benzo(k)fluoranthene

Concen: 4.816 ng/ul

RT: 24.045 min Scan# 3563

Delta R.T. -0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

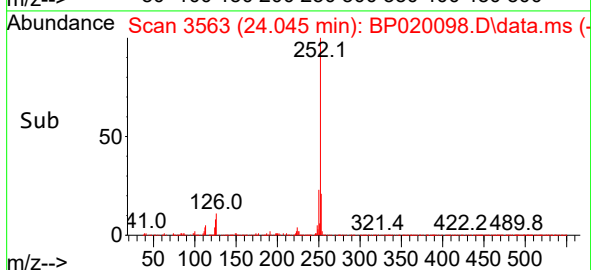
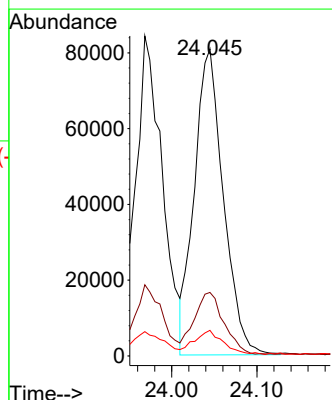
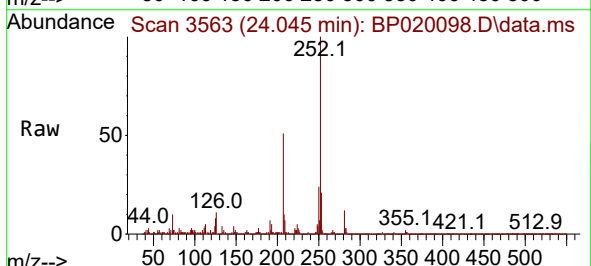
Tgt Ion:252 Resp: 190782

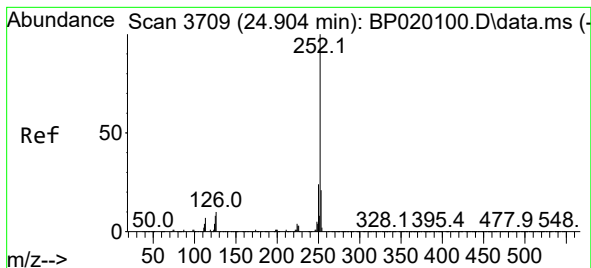
Ion Ratio Lower Upper

252 100

253 20.7 17.4 26.0

125 8.4 6.2 9.4





#93

Benzo(a)pyrene

Concen: 4.742 ng/ul

RT: 24.886 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

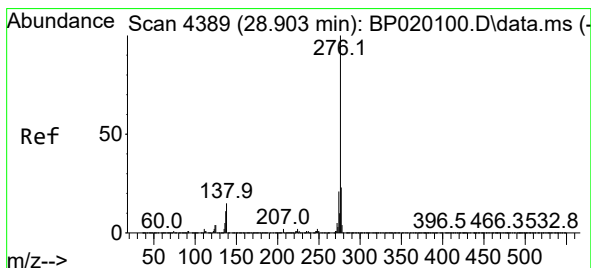
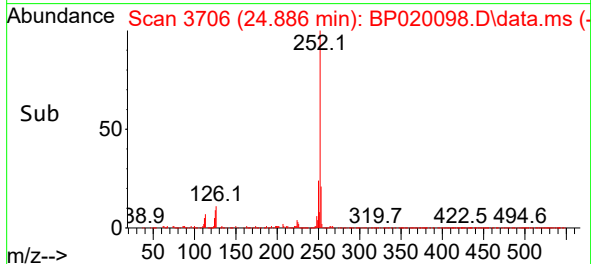
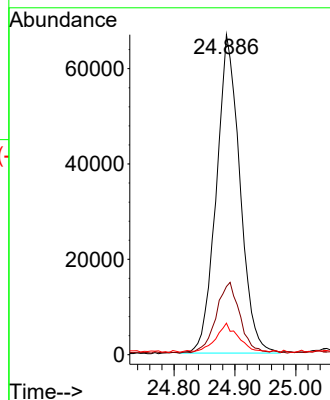
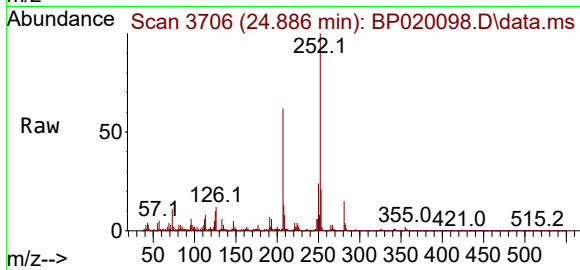
Tgt Ion:252 Resp: 179279

Ion Ratio Lower Upper

252 100

253 21.3 16.8 25.2

125 9.8 6.5 9.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.812 ng/ul

RT: 28.898 min Scan# 4388

Delta R.T. -0.006 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

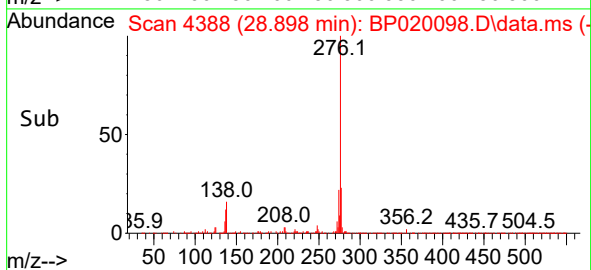
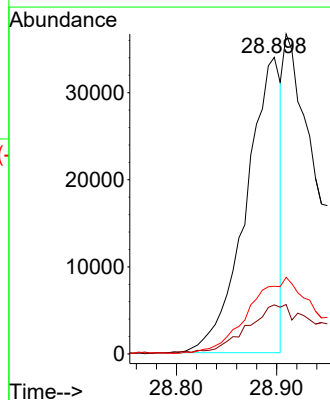
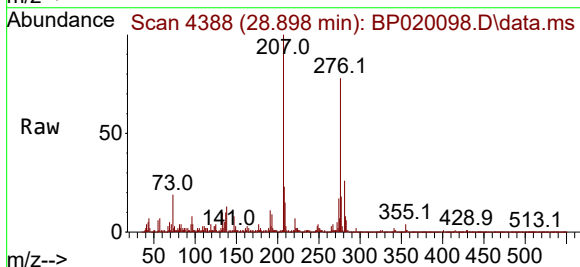
Tgt Ion:276 Resp: 81982

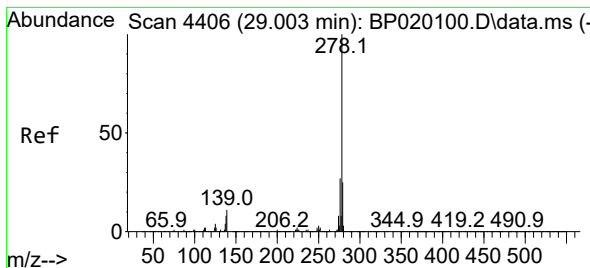
Ion Ratio Lower Upper

276 100

138 16.5 11.7 17.5

277 22.8 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 4.505 ng/ul

RT: 28.992 min Scan# 4406

Delta R.T. -0.012 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Instrument :

BNA_P

ClientSampleId :

SSTD005616

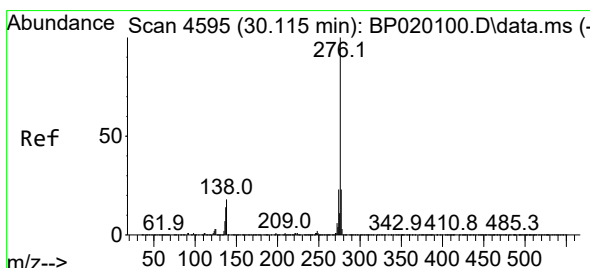
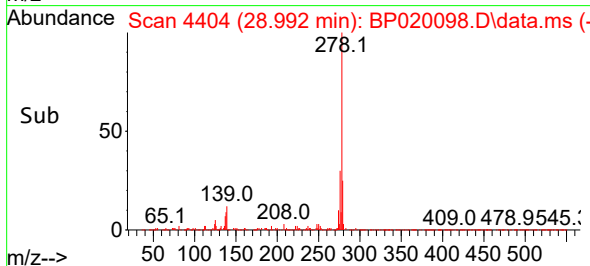
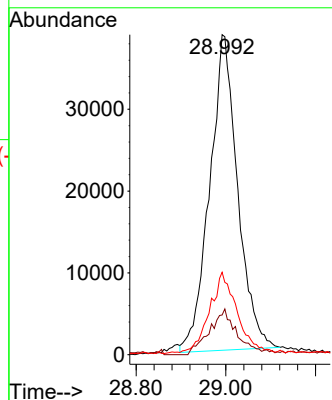
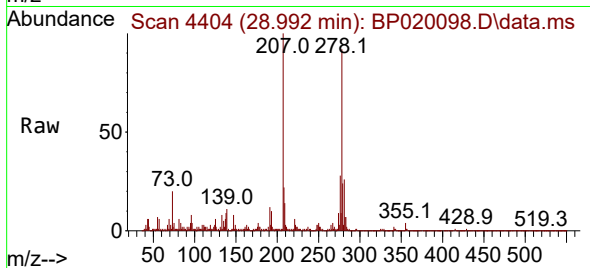
Tgt Ion:278 Resp: 167375

Ion Ratio Lower Upper

278 100

139 12.4 8.8 13.2

279 25.7 20.3 30.5



#96

Benzo(g,h,i)perylene

Concen: 4.581 ng/ul

RT: 30.097 min Scan# 4592

Delta R.T. -0.018 min

Lab File: BP020098.D

Acq: 23 Apr 2024 10:06

Tgt Ion:276 Resp: 162635

Ion Ratio Lower Upper

276 100

138 14.5 14.2 21.4

277 22.9 18.7 28.1

