

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
 Data File : BP017471.D
 Acq On : 30 Sep 2023 06:21
 Operator : MA/JU
 Sample : 04571-07MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBK58MSD

Quant Time: Oct 02 00:55:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 30 04:02:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	179021	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	714259	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	429089	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	956912	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	994489	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1134427	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	9719	2.230	ng/uL	0.00
4) Pyridine-d5	3.734	84	103003	8.454	ng/u1	0.00
7) Phenol-d5	7.105	99	99677	6.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	273651	30.840	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	290904	24.946	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	181841	15.908	ng/u1	0.00
21) Nitrobenzene-d5	9.158	128	186140	36.048	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	200796	35.813	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	349968	33.038	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	412079	26.855	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1134756	36.916	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	1288112	36.435	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	40851	7.628	ng/u1	0.00
60) Fluorene-d10	15.645	176	985648	37.246	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	198356	36.778	ng/u1	0.00
73) Anthracene-d10	17.534	188	1598562	37.667	ng/u1	0.00
81) Pyrene-d10	19.781	212	1965967	36.556	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	2069946	37.898	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	23048	5.164	ng/uL	91
5) Pyridine	3.752	79	109485	8.655	ng/u1	99
6) Benzaldehyde	7.105	77	290223	38.680	ng/u1	99
8) Phenol	7.128	94	114599	7.749	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.387	93	380746	31.852	ng/u1	95
12) 2-Chlorophenol	7.499	128	309606	26.144	ng/u1	99
13) 2-Methylphenol	8.399	108	218539	19.971	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	296594	19.618	ng/u1	100
16) Acetophenone	8.805	105	602591	34.114	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.775	70	308609	35.008	ng/u1	98
18) 4-Methylphenol	8.734	108	206233	17.590	ng/u1	98
19) Hexachloroethane	9.016	117	152604	31.042	ng/u1	98
22) Nitrobenzene	9.199	77	468684	35.771	ng/u1	99
23) Isophorone	9.716	82	874483	37.245	ng/u1	99
25) 2-Nitrophenol	9.905	139	221225	36.412	ng/u1	98
26) 2,4-Dimethylphenol	9.946	107	281326	23.240	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.205	93	514841	33.968	ng/u1	96
29) 2,4-Dichlorophenol	10.428	162	355805	34.068	ng/u1	97
30) Naphthalene	10.840	128	1260284	33.887	ng/u1	99
32) 4-Chloroaniline	10.981	127	418771	28.479	ng/u1	97
33) Hexachlorobutadiene	11.063	225	251850	34.649	ng/u1	98
34) Caprolactam	11.816	113	15589	5.166	ng/u1	92
35) 4-Chloro-3-methylphenol	12.087	107	343611	32.732	ng/u1	98
36) 2-Methylnaphthalene	12.451	142	869786	35.832	ng/u1	99

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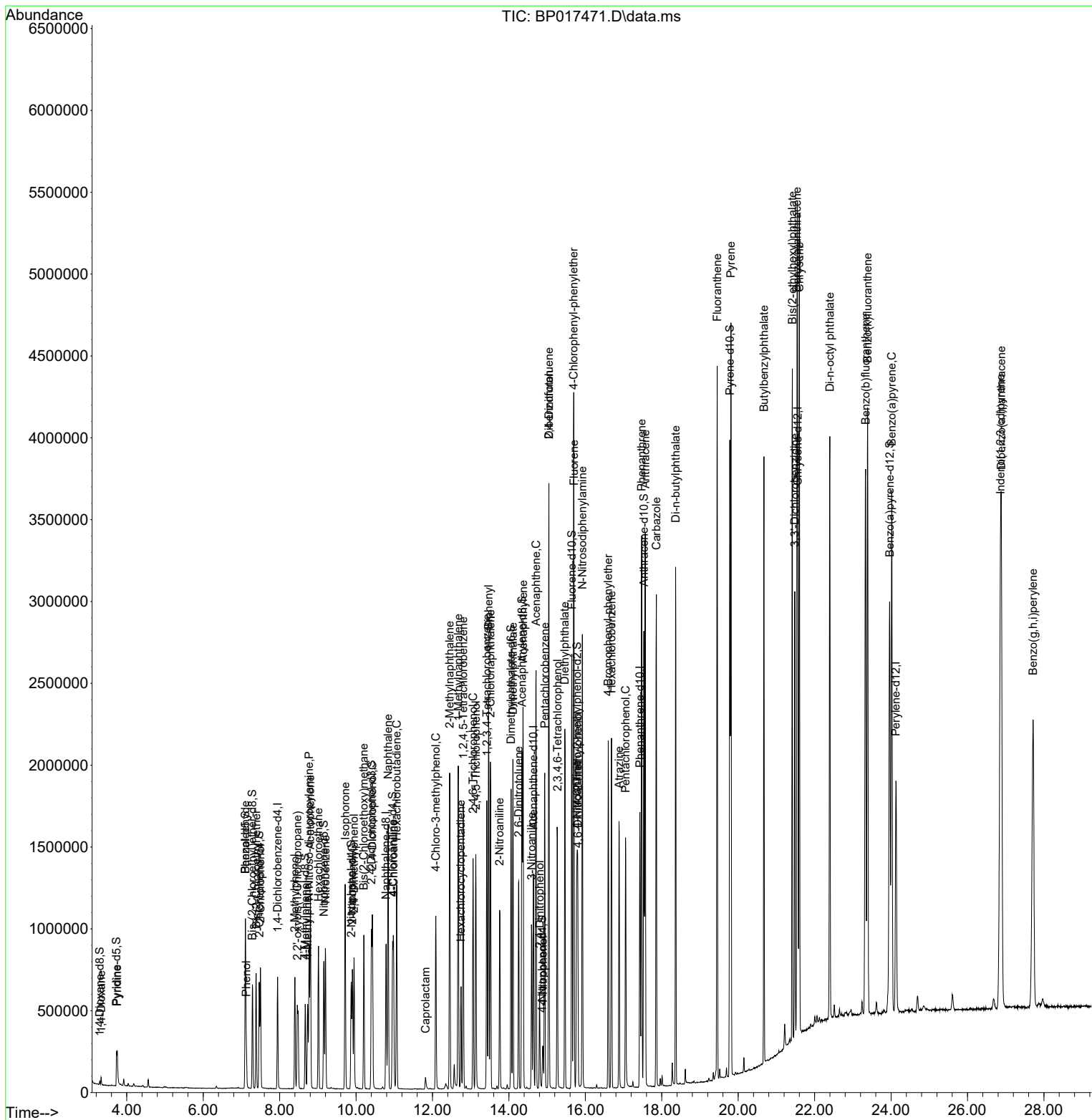
Instrument :
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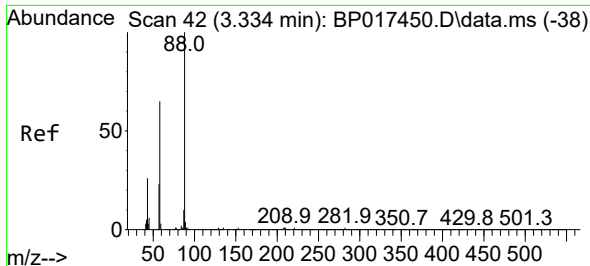
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 30 04:02:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	866413	34.917	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	504374	36.627	ng/ul	99
40) Hexachlorocyclopentadiene	12.746	237	163024	20.919	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	321602	38.502	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	347845	39.749	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	1173622	36.050	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	938886	36.377	ng/ul	99
45) 2-Nitroaniline	13.757	65	285349	45.005	ng/ul	98
47) Dimethylphthalate	14.104	163	1200889	38.783	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	254248	47.274	ng/ul#	88
50) Acenaphthylene	14.369	152	1551624	37.533	ng/ul	100
51) 3-Nitroaniline	14.593	138	240082	41.482	ng/ul	92
52) Acenaphthene	14.710	153	1017265	37.260	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	115851	34.436	ng/ul	95
55) 4-Nitrophenol	14.893	109	35533	8.493	ng/ul	99
56) Dibenzofuran	15.045	168	1440423	38.526	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	376074	47.472	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.269	232	304401	40.994	ng/ul	93
59) Diethylphthalate	15.463	149	1196287	39.964	ng/ul	99
61) Fluorene	15.704	166	1196431	39.385	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.693	204	600050	38.976	ng/ul	98
63) 4-Nitroaniline	15.775	138	255379	49.439	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.804	198	224324	38.556	ng/ul#	95
67) N-Nitrosodiphenylamine	15.922	169	992922	37.724	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	376573	39.172	ng/ul	98
69) Hexachlorobenzene	16.687	284	447616	40.126	ng/ul	95
70) Atrazine	16.887	200	297101	31.506	ng/ul	98
71) Pentachlorophenol	17.051	266	262152	38.044	ng/ul	99
72) Phenanthrene	17.475	178	1939096	38.689	ng/ul	99
74) Anthracene	17.569	178	1973859	38.859	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	498656	33.954	ng/uL	98
76) Pentachlorobenzene	14.940	250	473199	34.109	ng/uL	99
77) Carbazole	17.857	167	1808104	40.019	ng/ul	99
78) Di-n-butylphthalate	18.363	149	2083916	41.945	ng/ul	99
80) Fluoranthene	19.451	202	2402183	38.300	ng/ul	99
82) Pyrene	19.810	202	2540611	38.105	ng/ul	100
83) Butylbenzylphthalate	20.675	149	1009193	42.689	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.480	252	786361	36.394	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2656442	39.578	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1438422	42.132	ng/ul	98
87) Chrysene	21.598	228	2454749	38.861	ng/ul	98
89) Di-n-octyl phthalate	22.398	149	2536885	40.654	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2633616	39.376	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2634737	39.045	ng/ul	99
93) Benzo(a)pyrene	24.016	252	2513669	39.280	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.863	276	3087740	38.495	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	2550440	38.175	ng/ul	98
96) Benzo(g,h,i)perylene	27.715	276	2484457	38.409	ng/ul	99

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

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QLast Update : Sat Sep 30 04:02:20 2023
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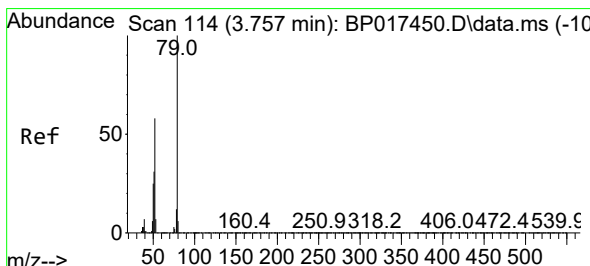
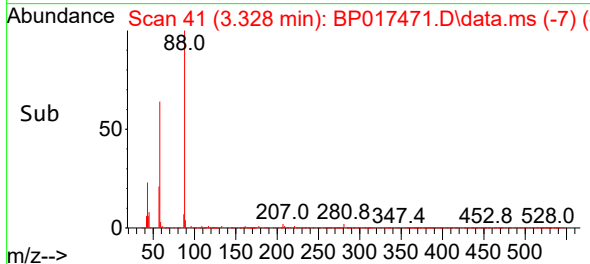
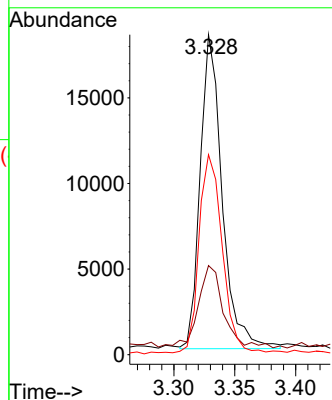
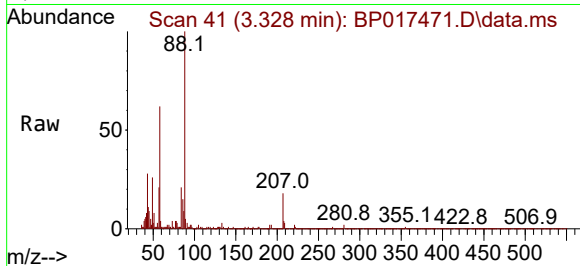




#2
1,4-Dioxane
Concen: 5.164 ng/uL
RT: 3.328 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

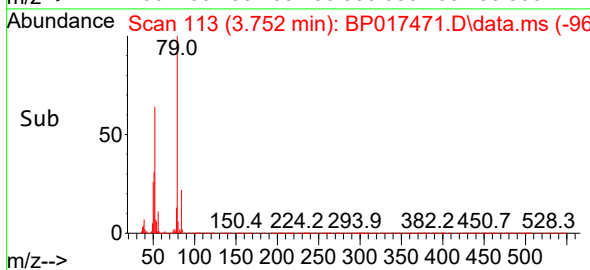
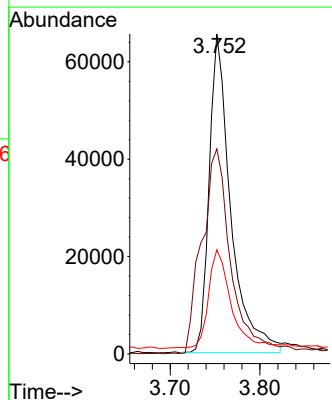
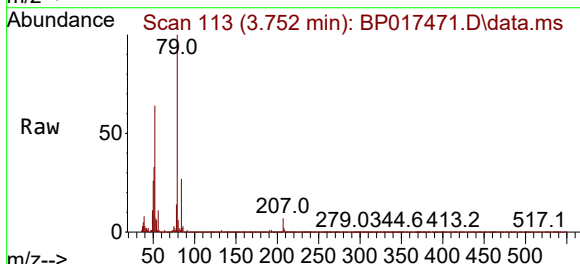
Instrument :
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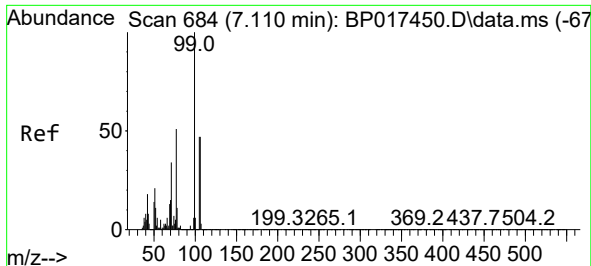
Tgt Ion:	88	Resp:	23048
Ion	Ratio	Lower	Upper
88	100		
43	27.8	25.0	37.4
58	62.5	56.6	84.8



#5
Pyridine
Concen: 8.655 ng/uL
RT: 3.752 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:	79	Resp:	109485
Ion	Ratio	Lower	Upper
79	100		
52	64.1	51.4	77.2
51	32.5	25.4	38.2

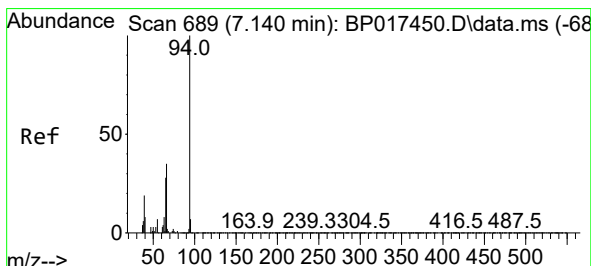
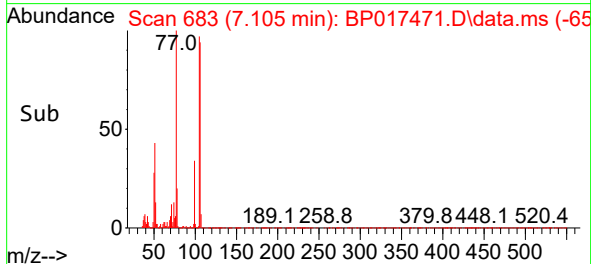
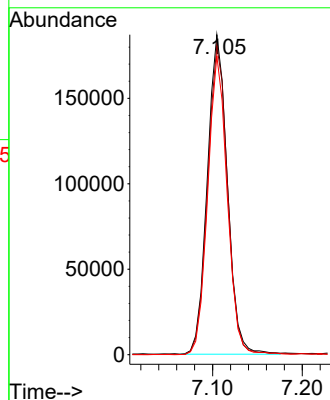
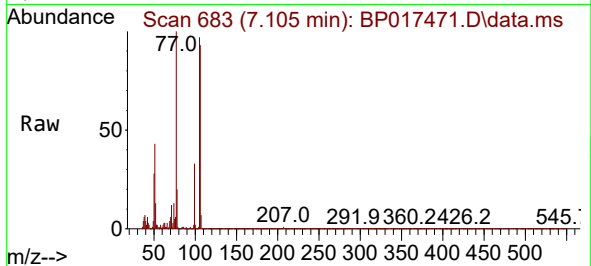




#6
Benzaldehyde
Concen: 38.680 ng/ul
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

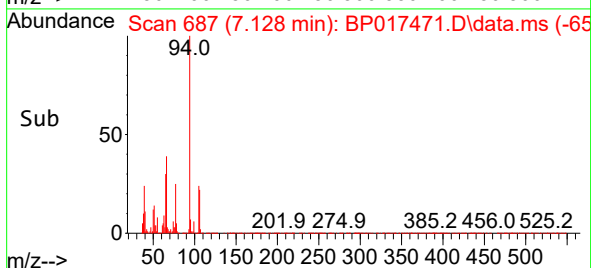
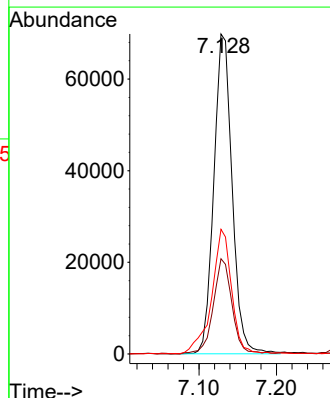
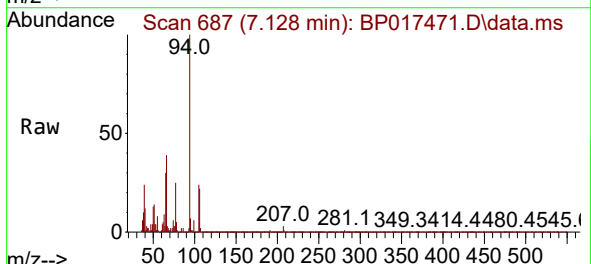
Instrument :
BNA_P
ClientSampleId :
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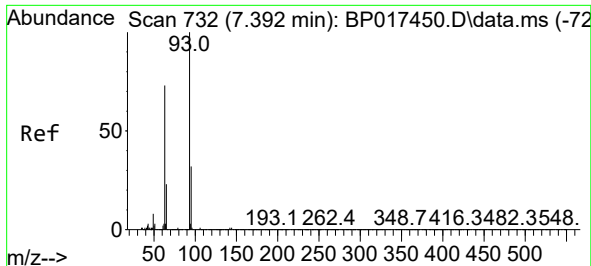
Tgt Ion: 77 Resp: 290223
Ion Ratio Lower Upper
77 100
105 96.5 78.0 117.0
106 93.3 73.2 109.8



#8
Phenol
Concen: 7.749 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion: 94 Resp: 114599
Ion Ratio Lower Upper
94 100
65 29.8 21.4 32.2
66 38.9 28.2 42.2

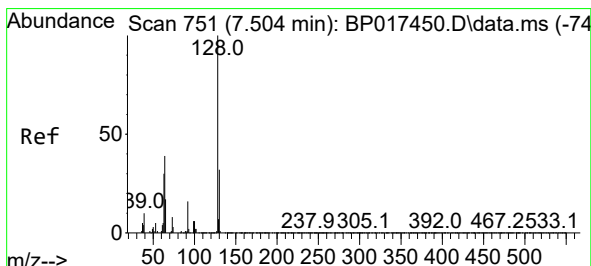
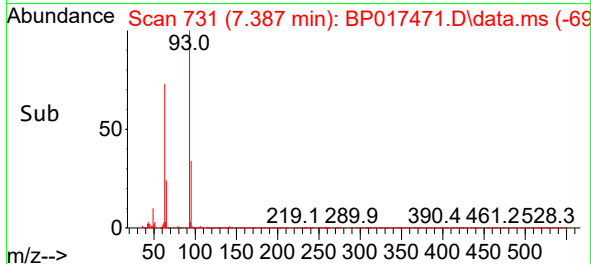
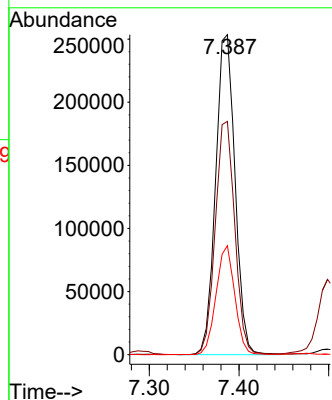
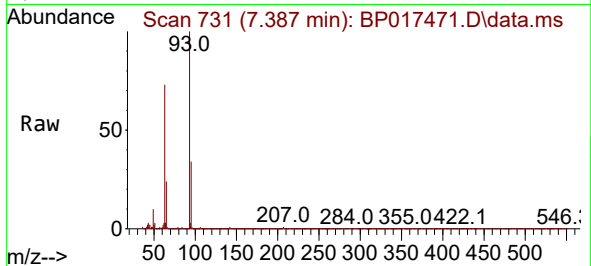




#10
Bis(2-Chloroethyl)ether
Concen: 31.852 ng/ul
RT: 7.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

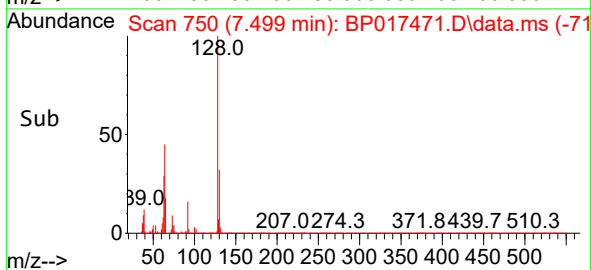
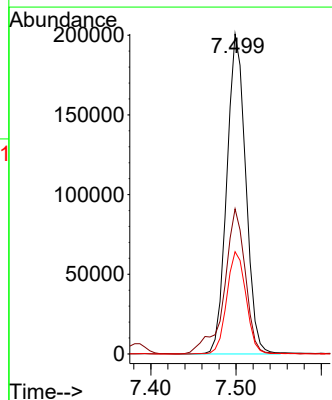
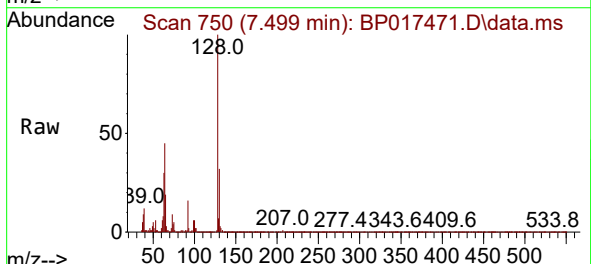
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ClientSampleId :
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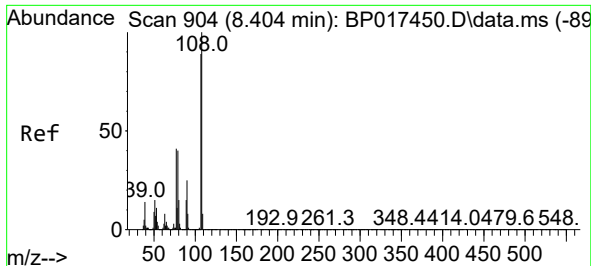
Tgt Ion: 93 Resp: 380746
Ion Ratio Lower Upper
93 100
63 72.9 55.4 83.0
95 34.0 25.1 37.7



#12
2-Chlorophenol
Concen: 26.144 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:128 Resp: 309606
Ion Ratio Lower Upper
128 100
64 45.4 35.8 53.8
130 32.0 25.6 38.4





#13

2-Methylphenol

Concen: 19.971 ng/ul

RT: 8.399 min Scan# 904

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

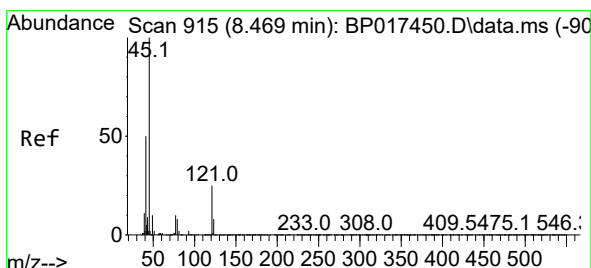
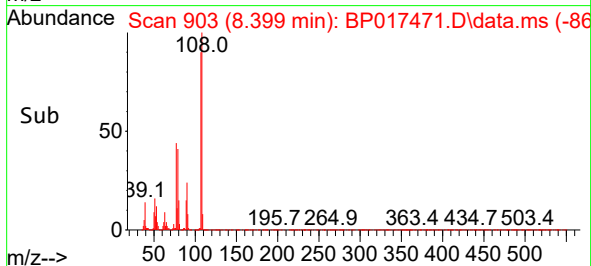
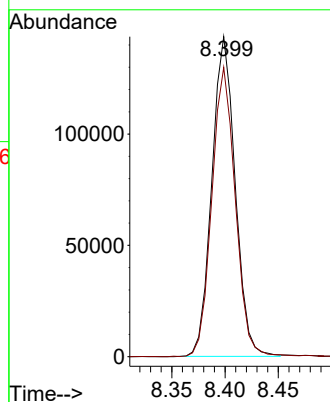
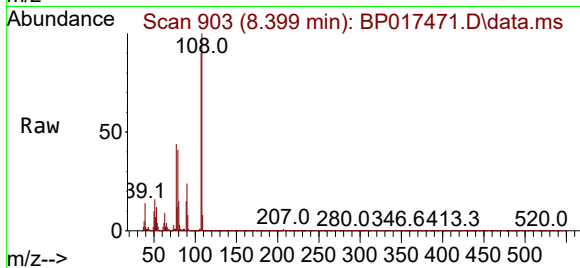
BBK58MSD

Tgt Ion:108 Resp: 218539

Ion Ratio Lower Upper

108 100

107 90.4 73.5 110.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.618 ng/ul

RT: 8.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

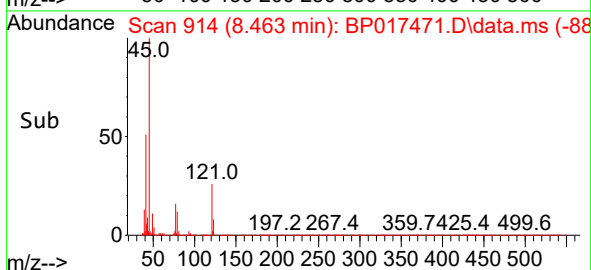
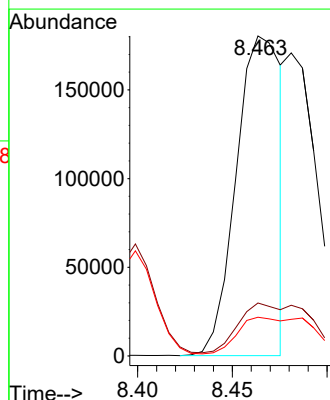
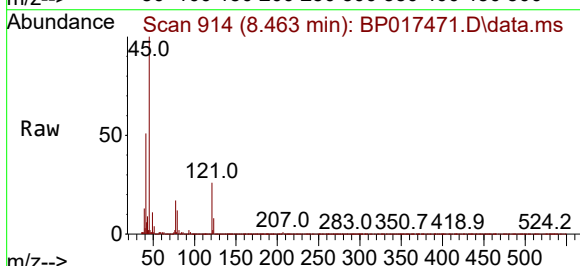
Tgt Ion: 45 Resp: 296594

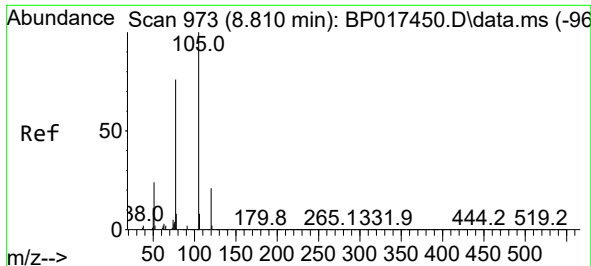
Ion Ratio Lower Upper

45 100

77 16.5 13.3 19.9

79 12.1 9.4 14.2

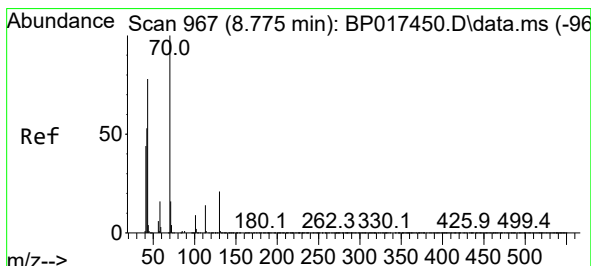
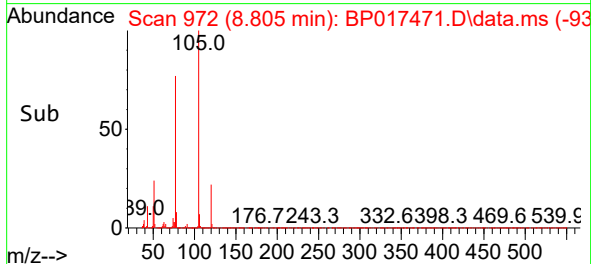
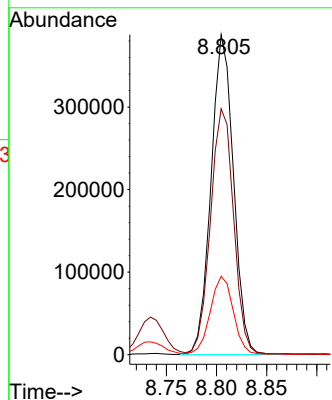
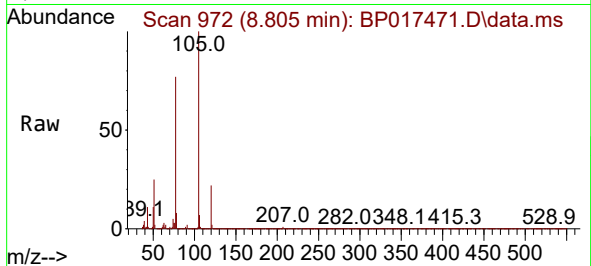




#16
Acetophenone
Concen: 34.114 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. 0.000 min
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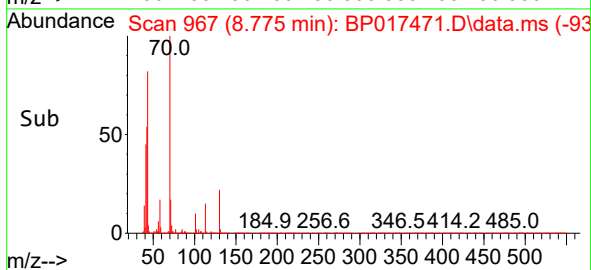
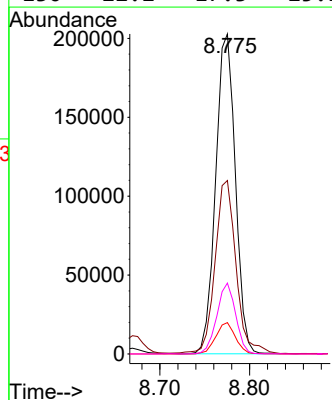
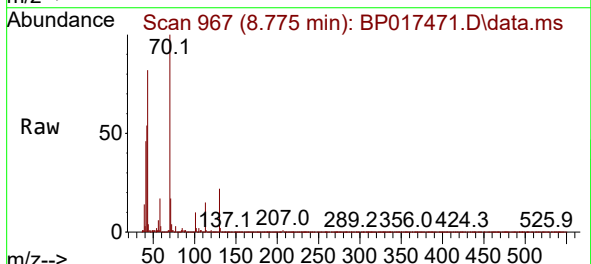
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

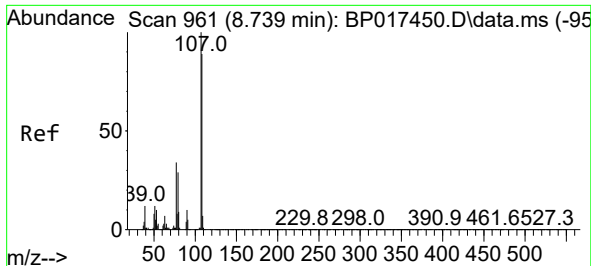
Tgt Ion:105 Resp: 602591
Ion Ratio Lower Upper
105 100
77 76.9 63.6 95.4
51 24.5 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 35.008 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion: 70 Resp: 308609
Ion Ratio Lower Upper
70 100
42 54.2 42.3 63.5
101 9.8 7.5 11.3
130 22.2 17.3 25.9

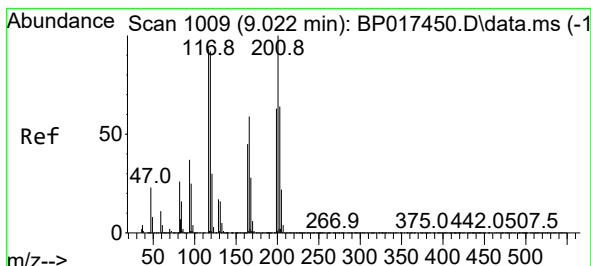
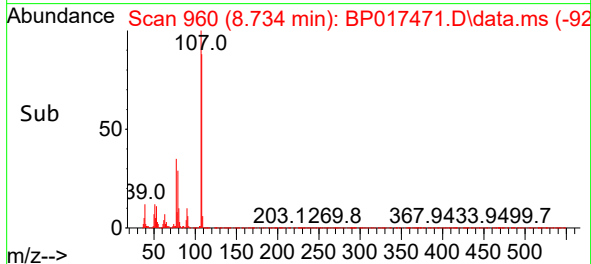
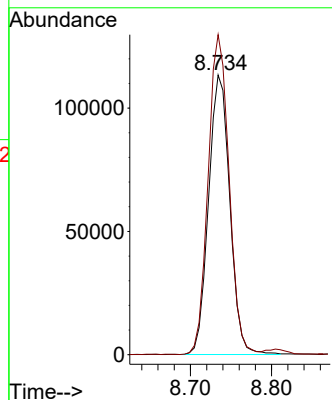
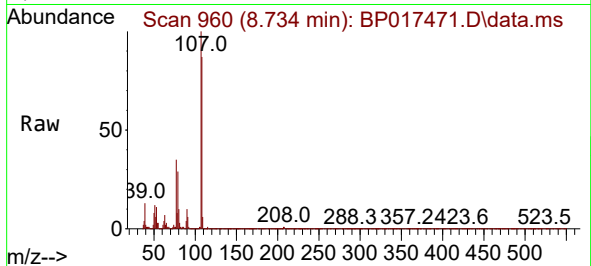




#18
4-Methylphenol
Concen: 17.590 ng/ul
RT: 8.734 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

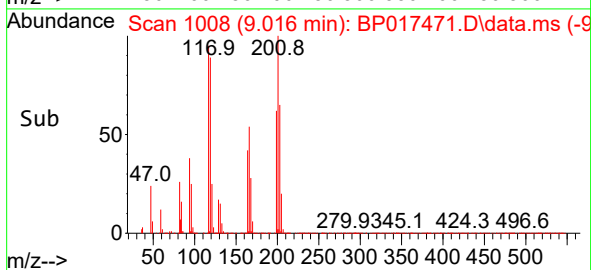
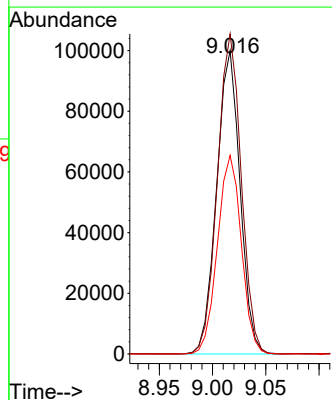
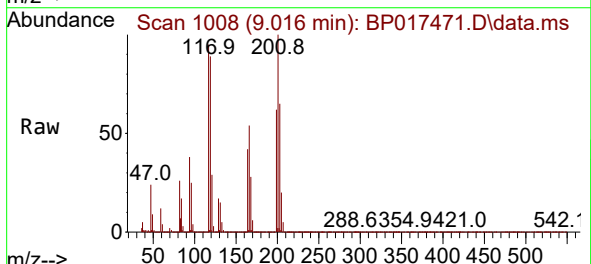
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

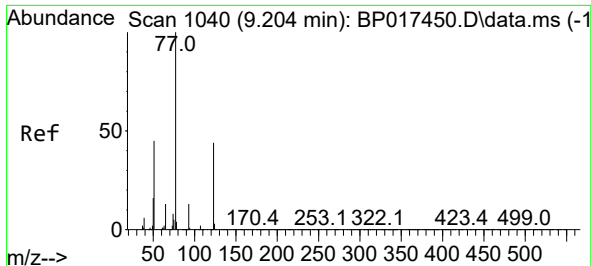
Tgt Ion:108 Resp: 206233
Ion Ratio Lower Upper
108 100
107 114.4 90.0 135.0



#19
Hexachloroethane
Concen: 31.042 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:117 Resp: 152604
Ion Ratio Lower Upper
117 100
201 105.5 81.4 122.0
199 65.5 52.4 78.6

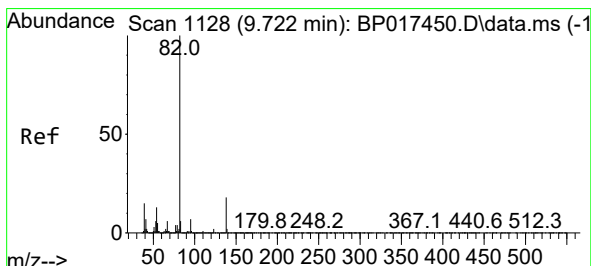
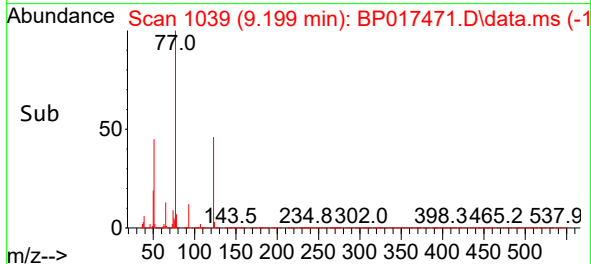
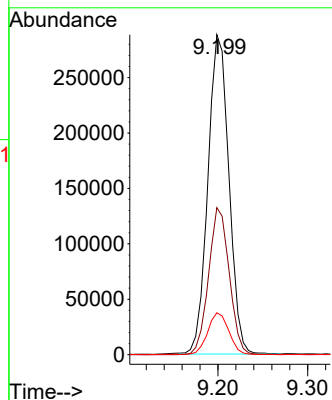
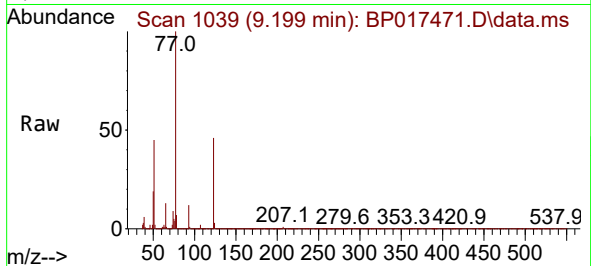




#22
Nitrobenzene
Concen: 35.771 ng/ul
RT: 9.199 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

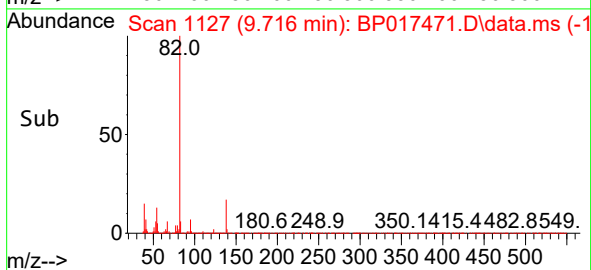
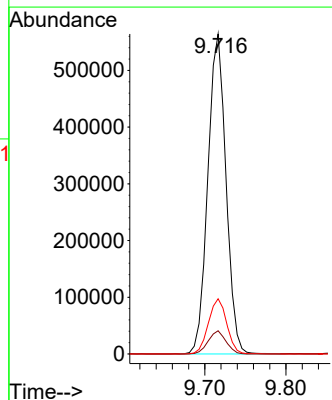
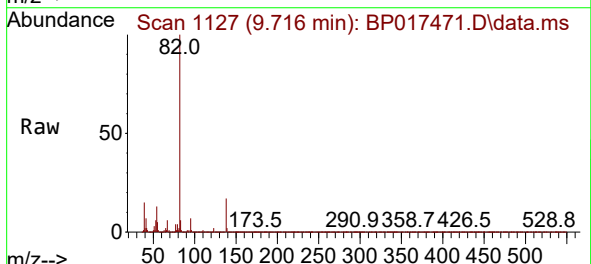
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

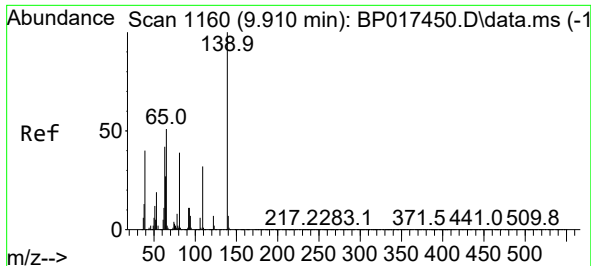
Tgt Ion: 77 Resp: 468684
Ion Ratio Lower Upper
77 100
123 46.0 37.4 56.0
65 13.1 9.8 14.6



#23
Isophorone
Concen: 37.245 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion: 82 Resp: 874483
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.2 14.2 21.4

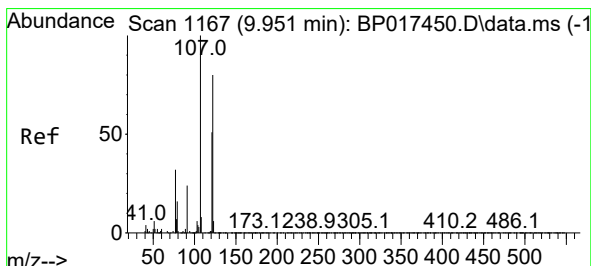
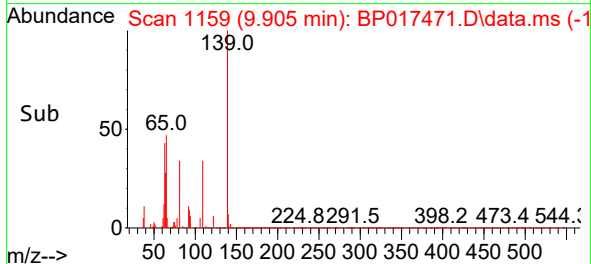
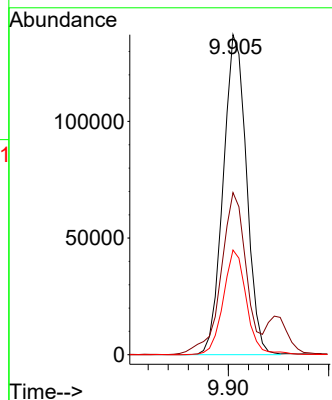
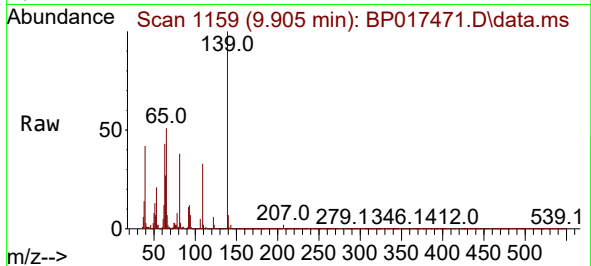




#25
2-Nitrophenol
Concen: 36.412 ng/ul
RT: 9.905 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

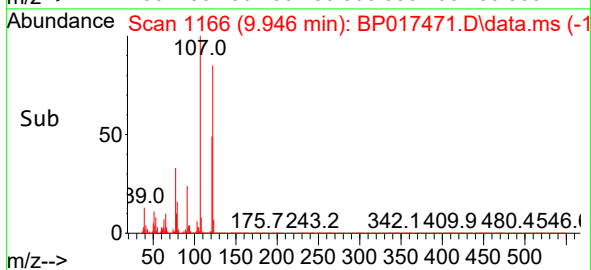
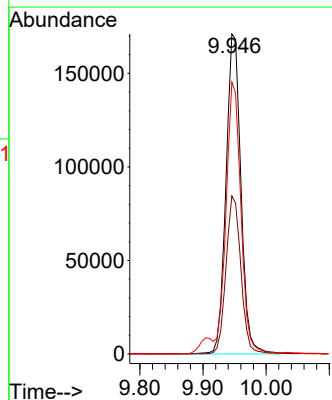
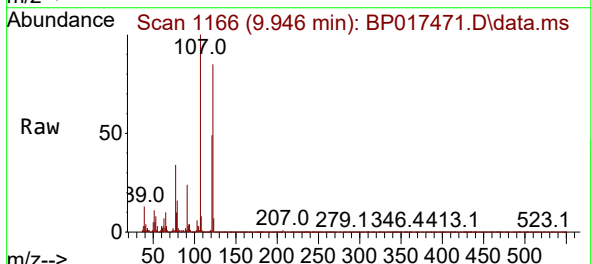
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

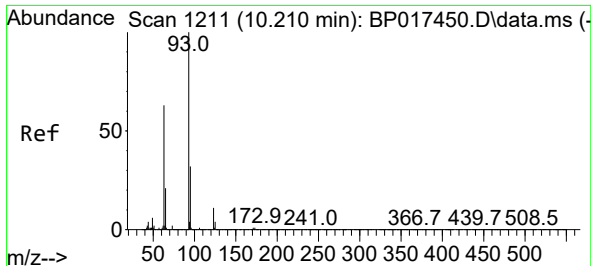
Tgt Ion:139 Resp: 221225
Ion Ratio Lower Upper
139 100
65 50.6 40.6 60.8
109 32.7 24.2 36.4



#26
2,4-Dimethylphenol
Concen: 23.240 ng/ul
RT: 9.946 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:107 Resp: 281326
Ion Ratio Lower Upper
107 100
121 49.3 41.1 61.7
122 84.9 69.4 104.0





#27

Bis(2-Chloroethoxy)methane

Concen: 33.968 ng/ul

RT: 10.205 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

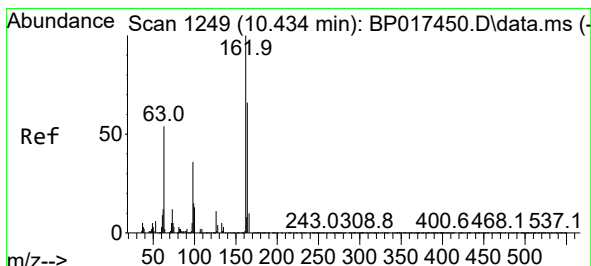
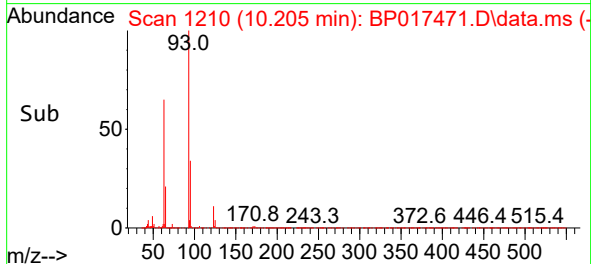
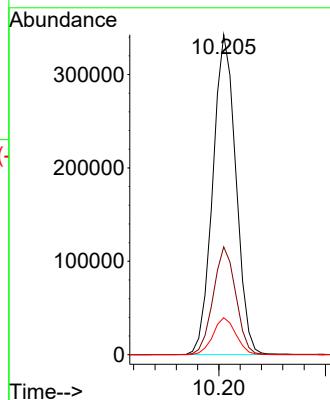
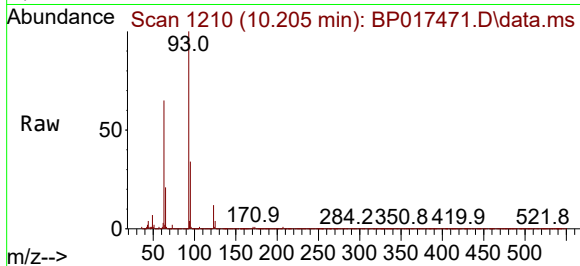
Tgt Ion: 93 Resp: 514841

Ion Ratio Lower Upper

93 100

95 33.7 24.9 37.3

123 11.5 9.4 14.2



#29

2,4-Dichlorophenol

Concen: 34.068 ng/ul

RT: 10.428 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

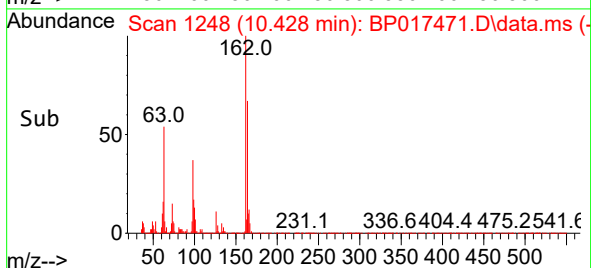
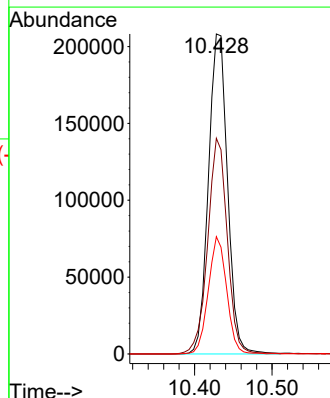
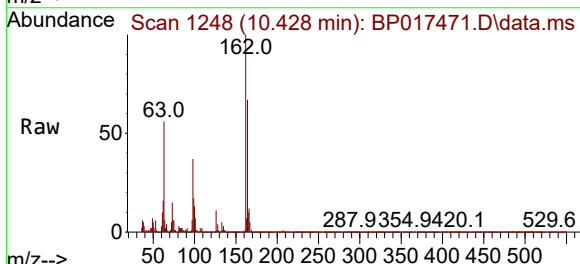
Tgt Ion:162 Resp: 355805

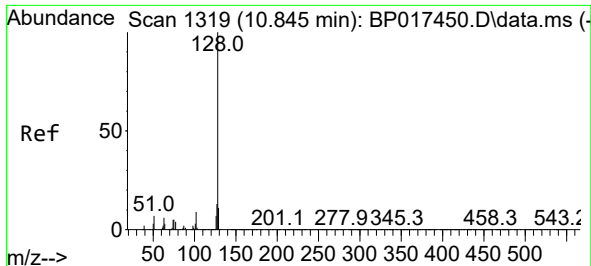
Ion Ratio Lower Upper

162 100

164 67.4 52.6 78.8

98 36.7 27.0 40.4

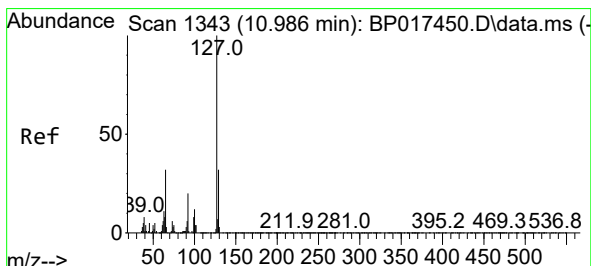
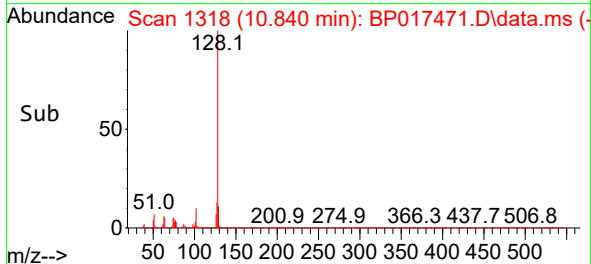
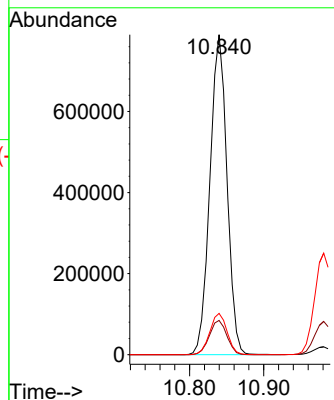
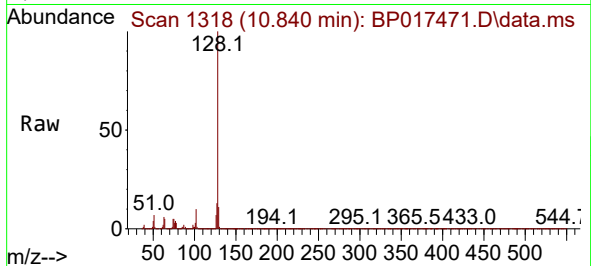




#30
Naphthalene
Concen: 33.887 ng/ul
RT: 10.840 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

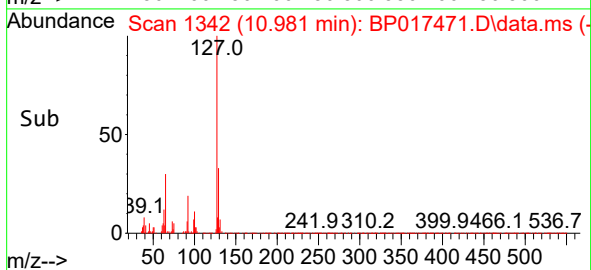
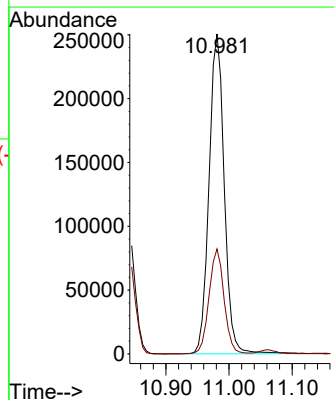
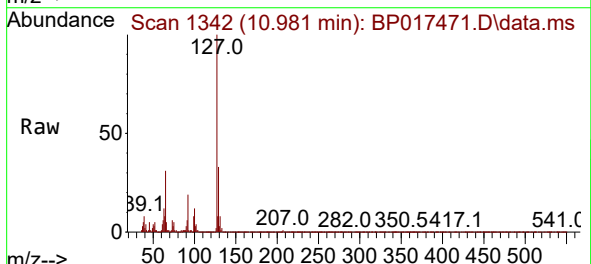
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

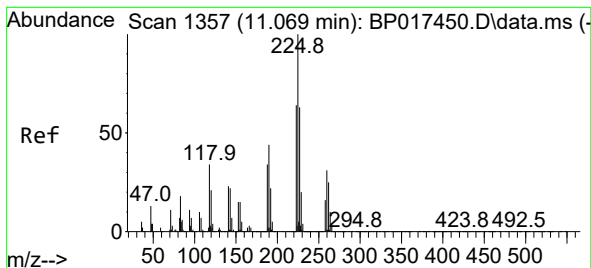
Tgt Ion:128 Resp: 1260284
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.9 10.6 15.8



#32
4-Chloroaniline
Concen: 28.479 ng/ul
RT: 10.981 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:127 Resp: 418771
Ion Ratio Lower Upper
127 100
129 32.8 25.1 37.7





#33

Hexachlorobutadiene

Concen: 34.649 ng/ul

RT: 11.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

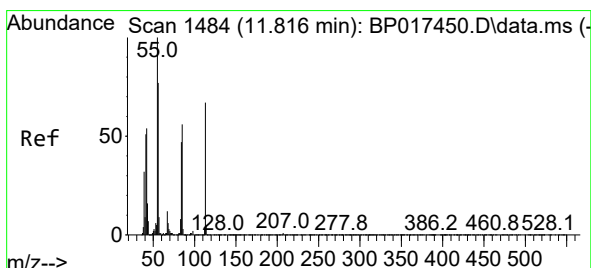
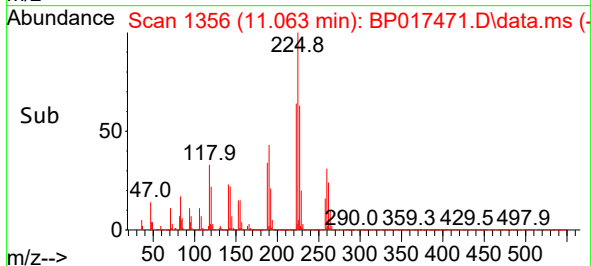
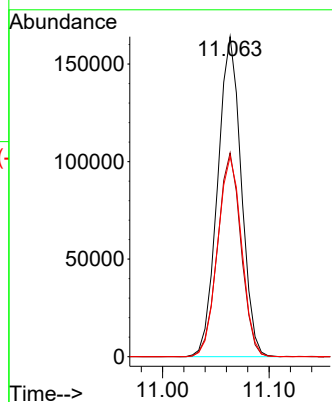
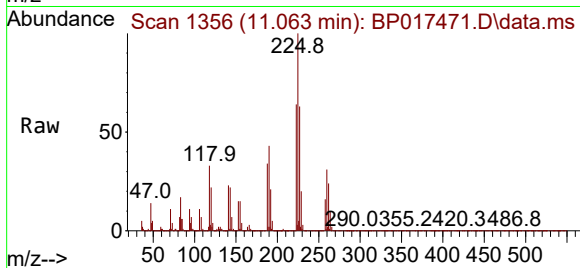
Tgt Ion:225 Resp: 251850

Ion Ratio Lower Upper

225 100

223 63.7 48.2 72.2

227 62.6 50.2 75.4



#34

Caprolactam

Concen: 5.166 ng/ul

RT: 11.816 min Scan# 1484

Delta R.T. 0.006 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

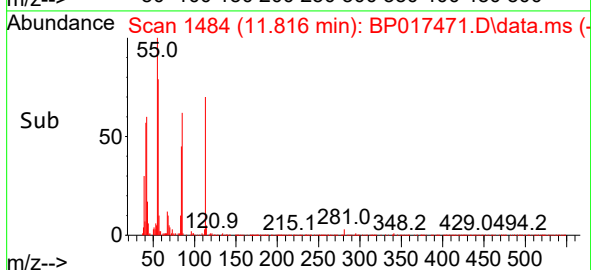
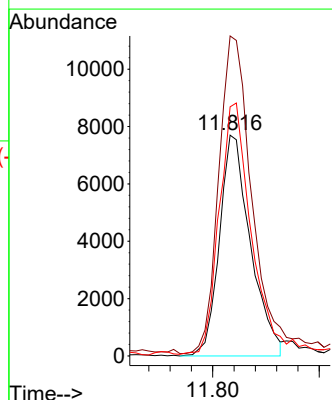
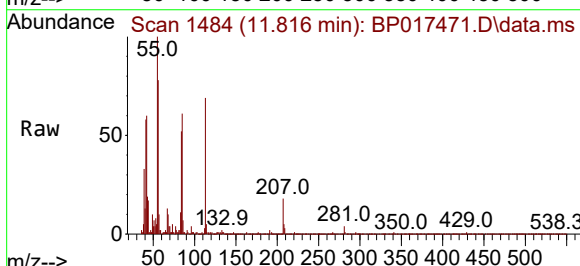
Tgt Ion:113 Resp: 15589

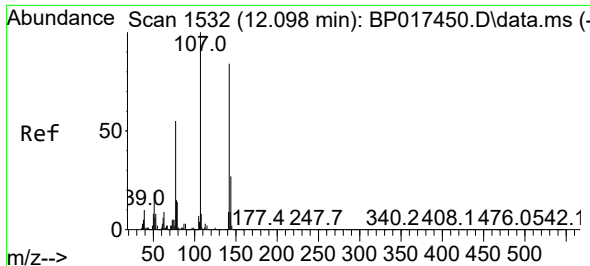
Ion Ratio Lower Upper

113 100

55 145.0 127.4 191.0

56 112.9 94.5 141.7

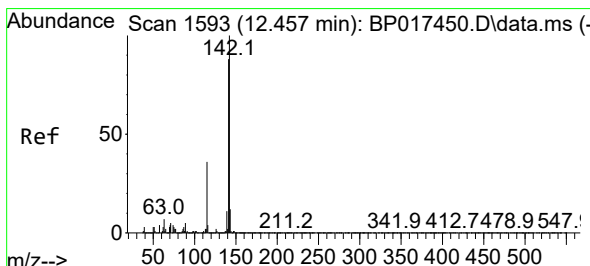
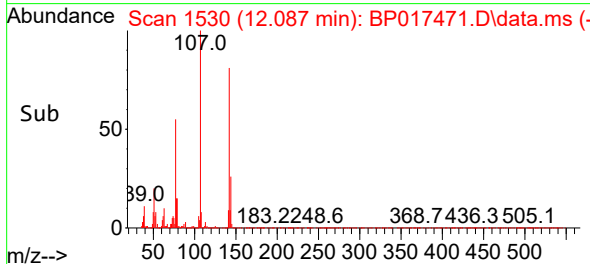
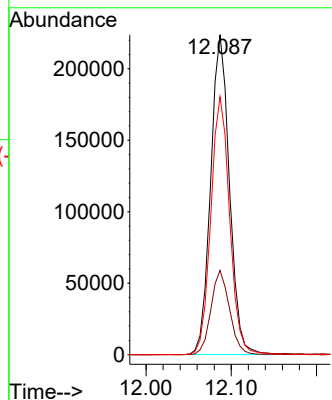
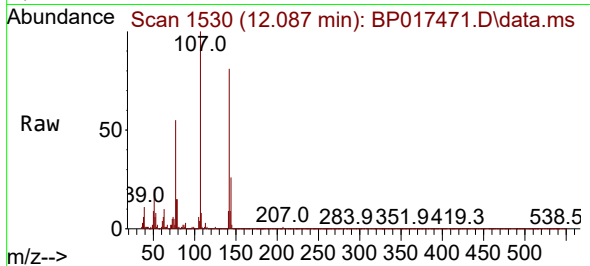




#35
4-Chloro-3-methylphenol
Concen: 32.732 ng/ul
RT: 12.087 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

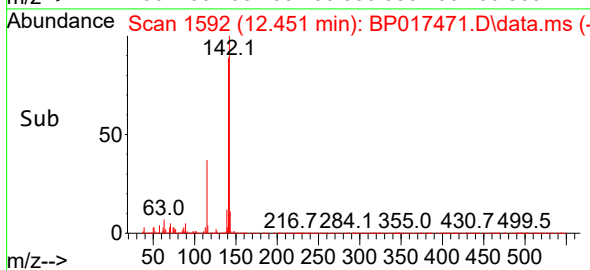
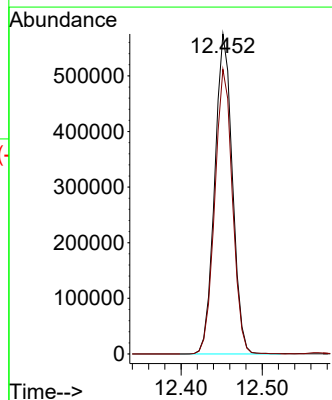
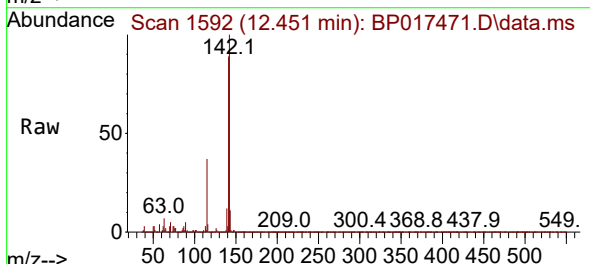
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

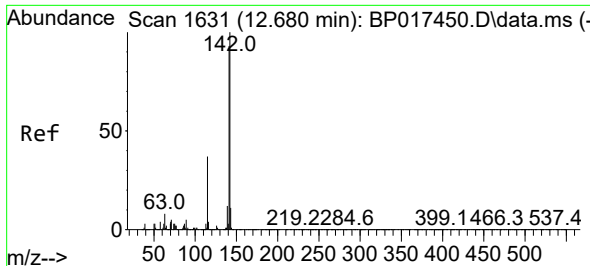
Tgt Ion:107 Resp: 343611
Ion Ratio Lower Upper
107 100
144 26.4 20.6 31.0
142 80.6 62.9 94.3



#36
2-Methylnaphthalene
Concen: 35.832 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:142 Resp: 869786
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#37

1-Methylnaphthalene

Concen: 34.917 ng/ul

RT: 12.675 min Scan# 1630

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

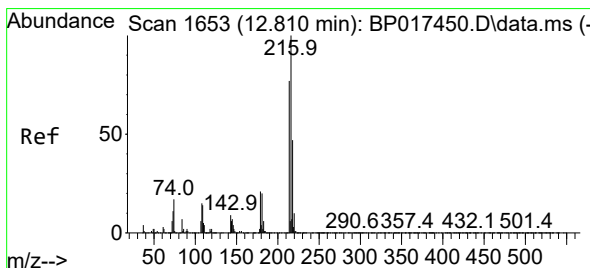
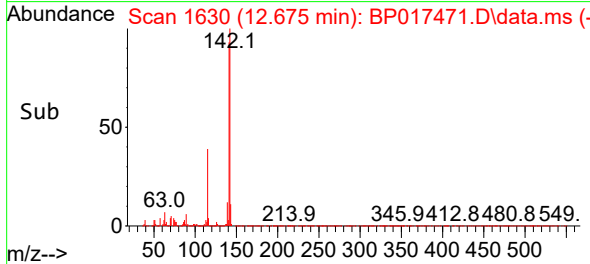
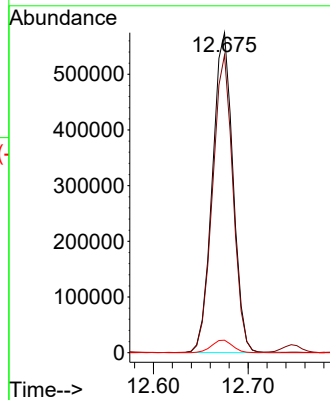
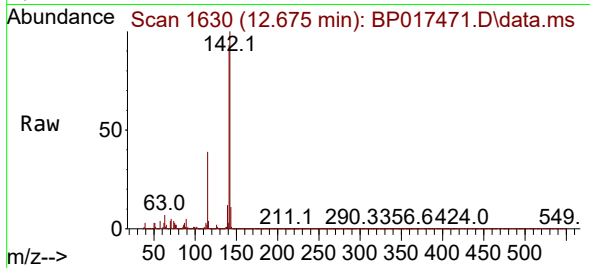
Tgt Ion:142 Resp: 866413

Ion Ratio Lower Upper

142 100

141 93.0 73.4 110.2

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.627 ng/ul

RT: 12.804 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Tgt Ion:216 Resp: 504374

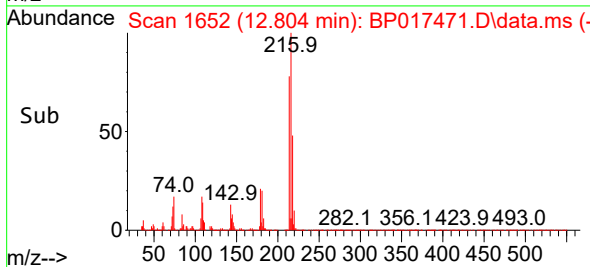
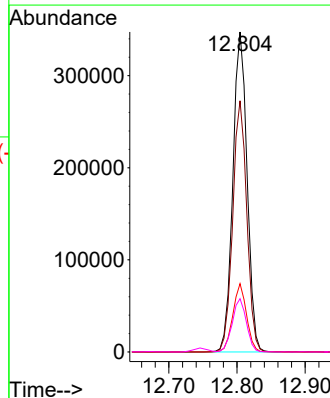
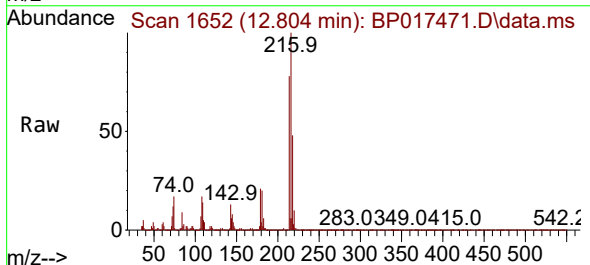
Ion Ratio Lower Upper

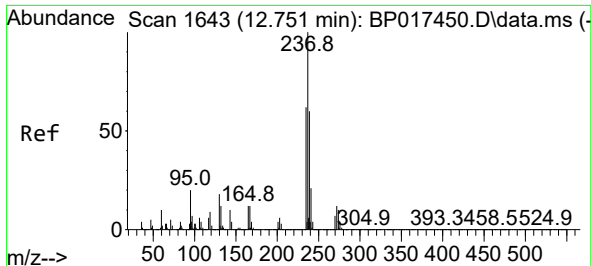
216 100

214 78.5 62.3 93.5

179 21.4 16.4 24.6

108 16.6 13.8 20.8

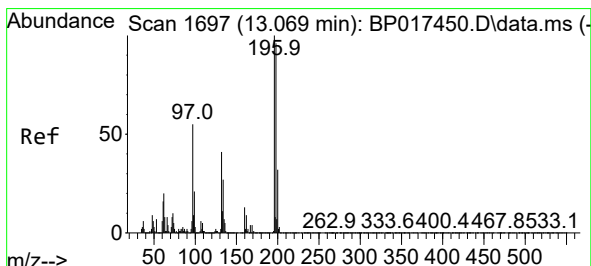
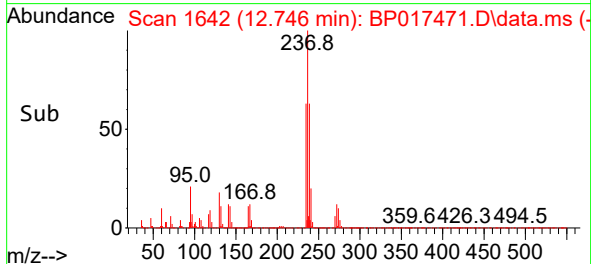
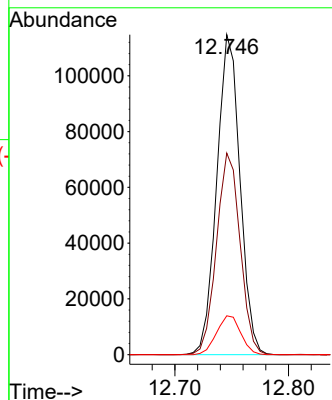
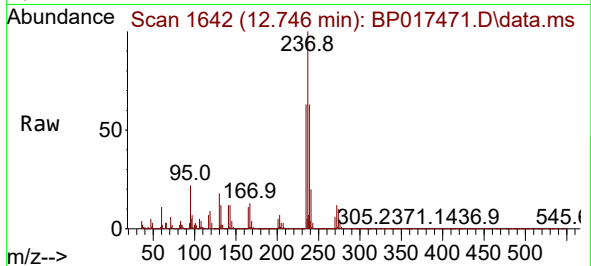




#40
Hexachlorocyclopentadiene
Concen: 20.919 ng/ul
RT: 12.746 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

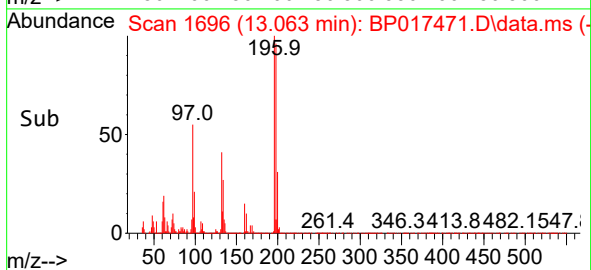
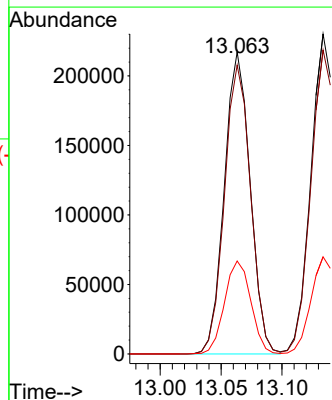
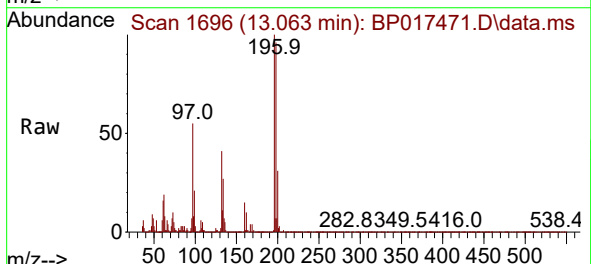
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

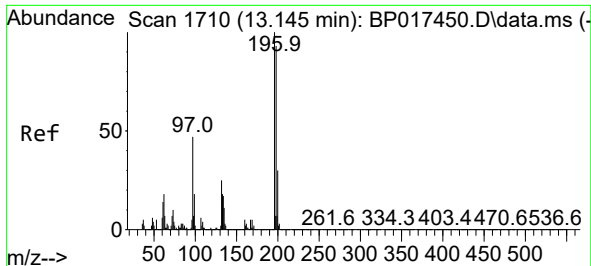
Tgt Ion:237 Resp: 163024
Ion Ratio Lower Upper
237 100
235 63.0 52.8 79.2
272 12.2 9.8 14.6



#41
2,4,6-Trichlorophenol
Concen: 38.502 ng/ul
RT: 13.063 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:196 Resp: 321602
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
200 30.8 25.1 37.7

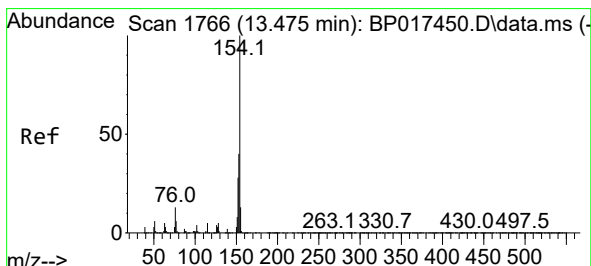
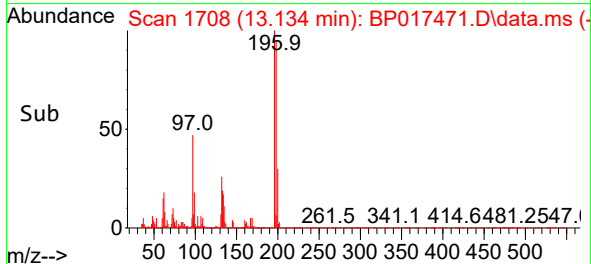
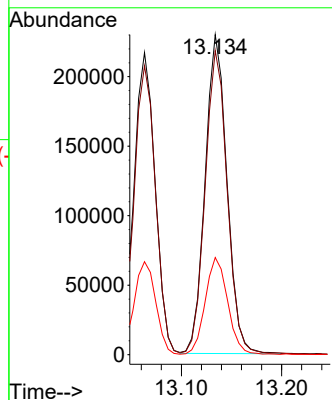
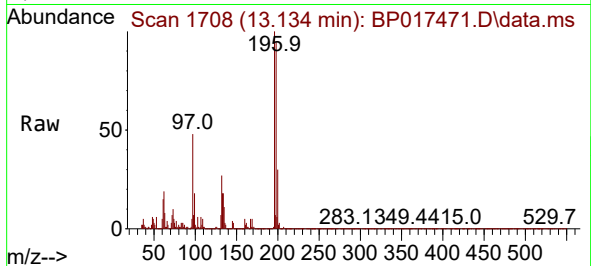




#42
2,4,5-Trichlorophenol
Concen: 39.749 ng/ul
RT: 13.134 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

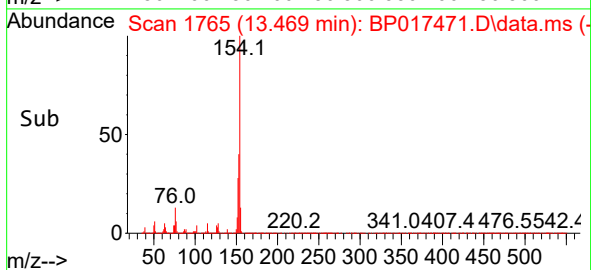
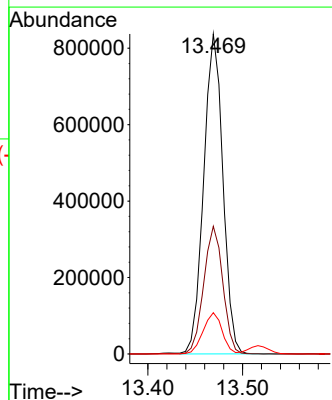
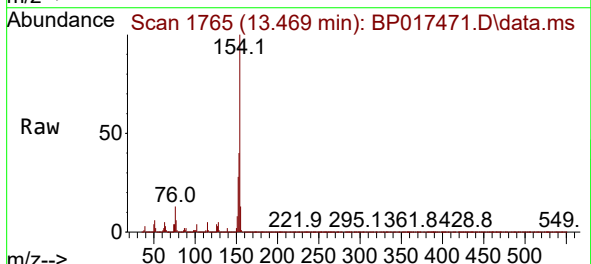
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

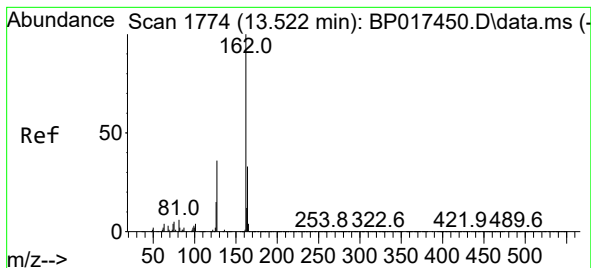
Tgt Ion:196 Resp: 347845
Ion Ratio Lower Upper
196 100
198 95.0 77.4 116.0
200 30.4 24.3 36.5



#43
1,1'-Biphenyl
Concen: 36.050 ng/ul
RT: 13.469 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:154 Resp: 1173622
Ion Ratio Lower Upper
154 100
153 39.9 31.5 47.3
76 12.9 11.0 16.6





#44

2-Chloronaphthalene

Concen: 36.377 ng/ul

RT: 13.516 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

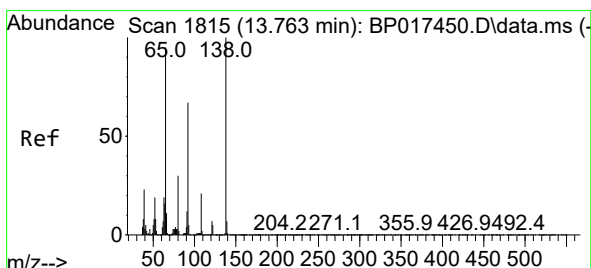
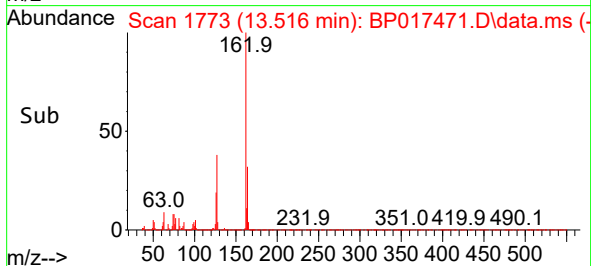
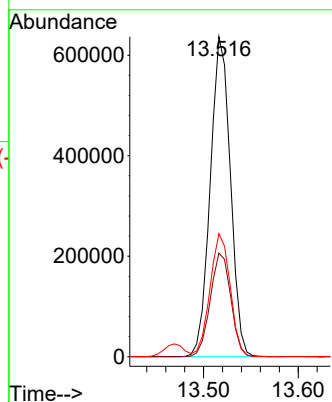
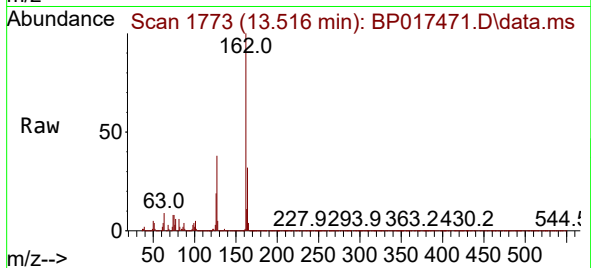
Tgt Ion:162 Resp: 938886

Ion Ratio Lower Upper

162 100

164 32.4 26.8 40.2

127 38.4 30.7 46.1



#45

2-Nitroaniline

Concen: 45.005 ng/ul

RT: 13.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

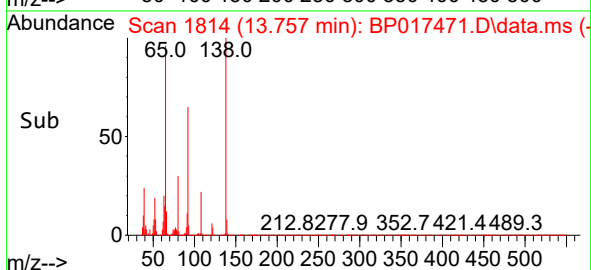
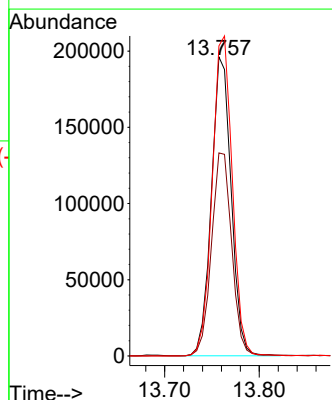
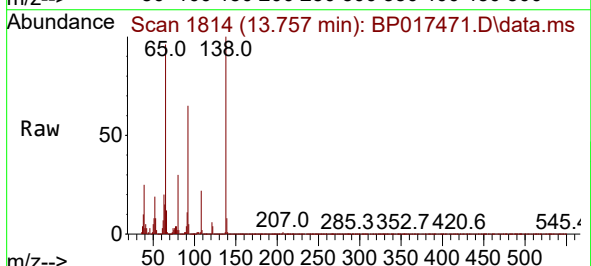
Tgt Ion: 65 Resp: 285349

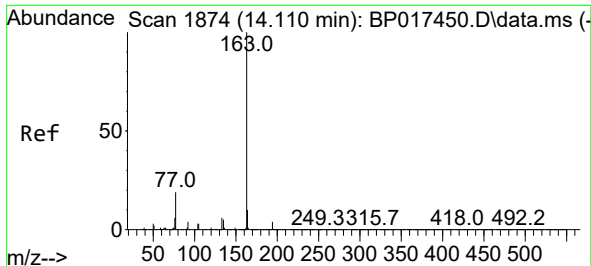
Ion Ratio Lower Upper

65 100

92 67.9 57.7 86.5

138 103.7 83.5 125.3

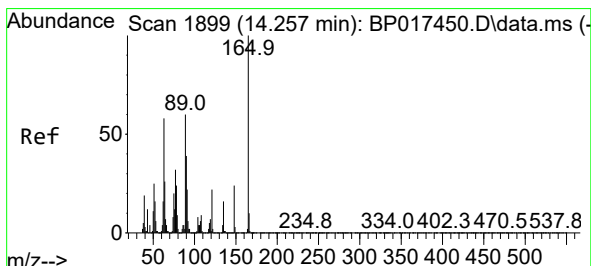
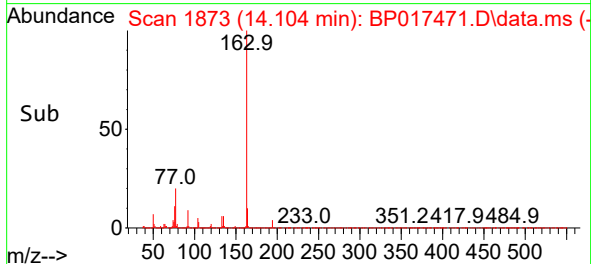
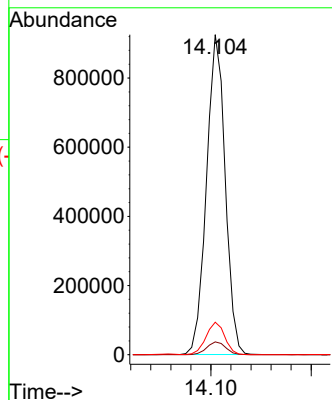
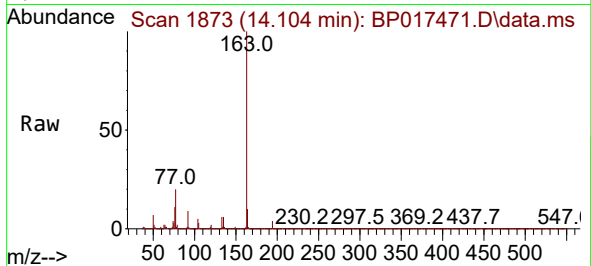




#47
Dimethylphthalate
Concen: 38.783 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

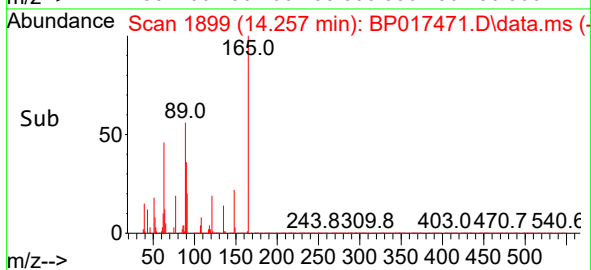
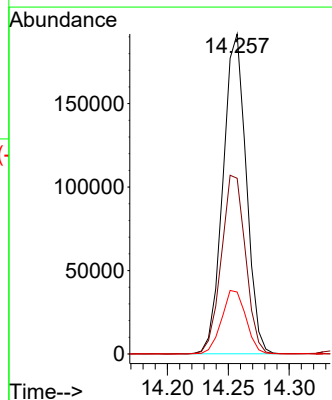
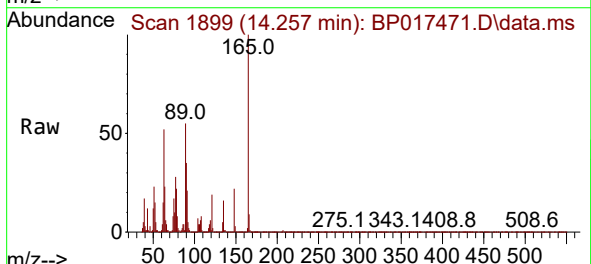
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

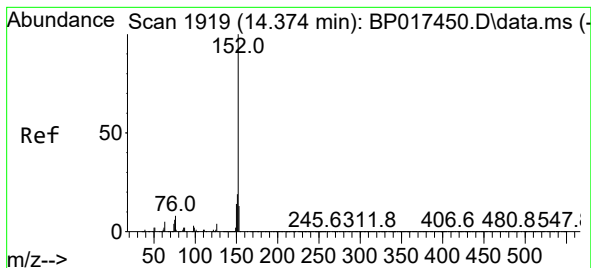
Tgt Ion:163 Resp: 1200889
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 7.5 11.3



#48
2,6-Dinitrotoluene
Concen: 47.274 ng/ul
RT: 14.257 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:165 Resp: 254248
Ion Ratio Lower Upper
165 100
89 54.9 51.7 77.5
121 19.3 19.7 29.5#





#50

Acenaphthylene

Concen: 37.533 ng/ul

RT: 14.369 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

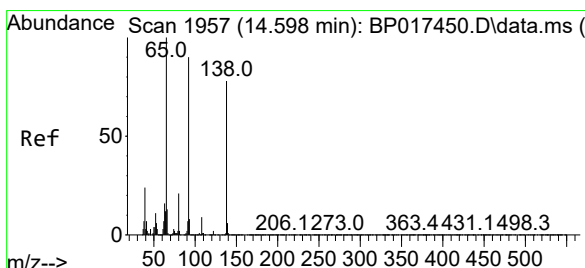
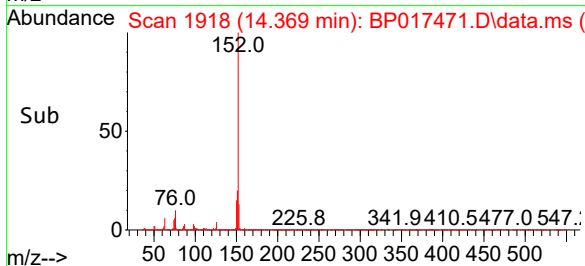
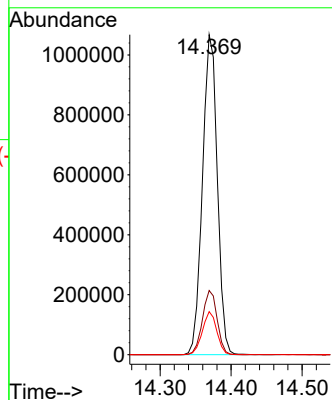
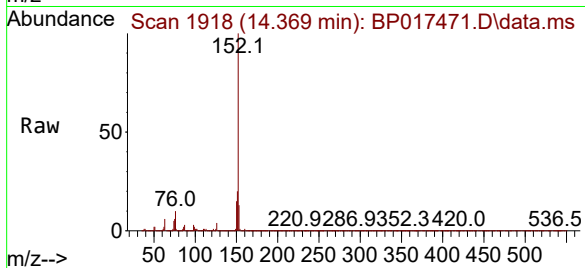
Tgt Ion:152 Resp: 1551624

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.4 10.4 15.6



#51

3-Nitroaniline

Concen: 41.482 ng/ul

RT: 14.593 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

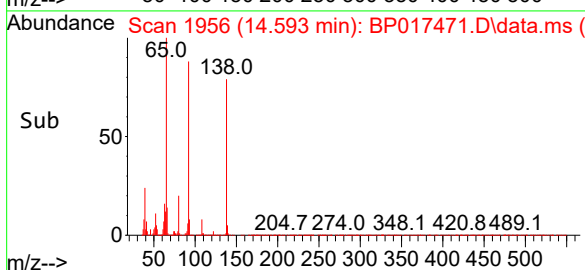
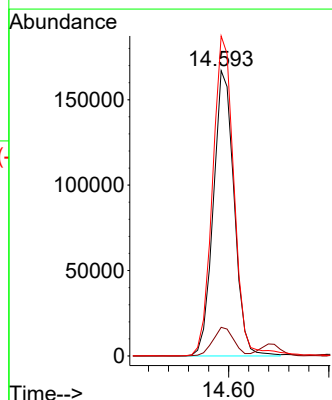
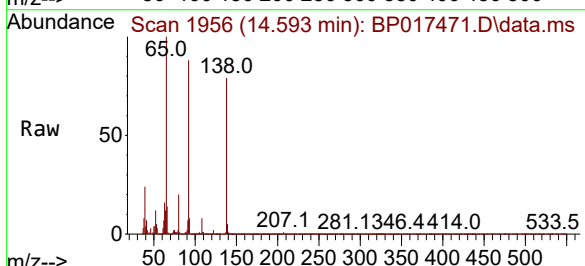
Tgt Ion:138 Resp: 240082

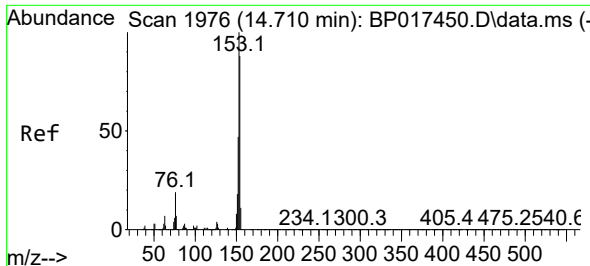
Ion Ratio Lower Upper

138 100

108 10.1 8.2 12.4

92 112.2 97.4 146.0

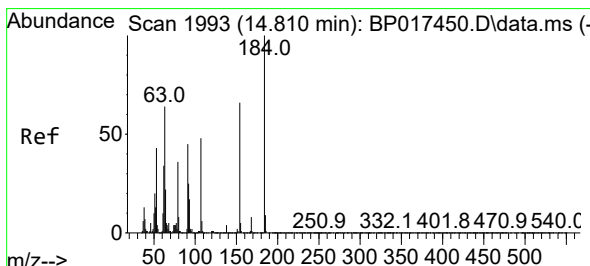
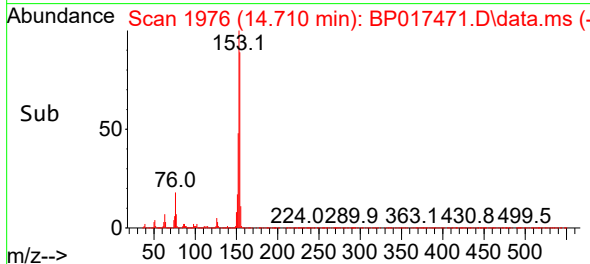
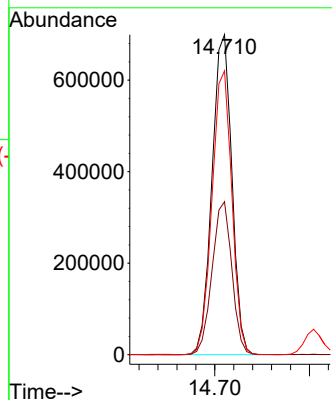
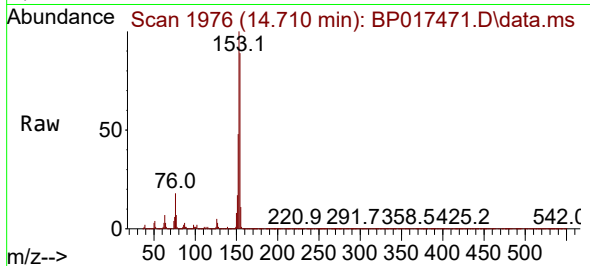




#52
Acenaphthene
Concen: 37.260 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

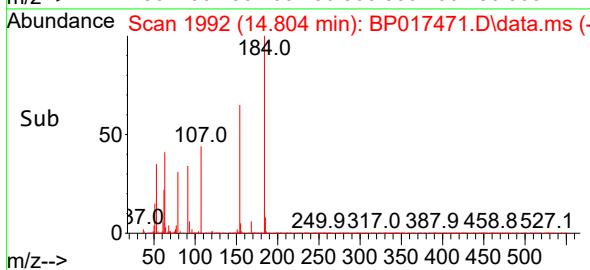
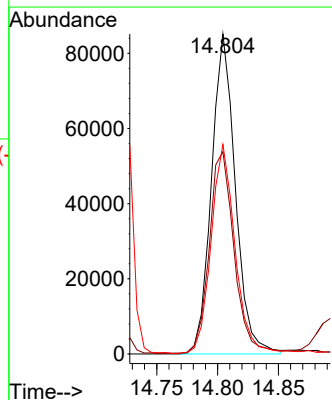
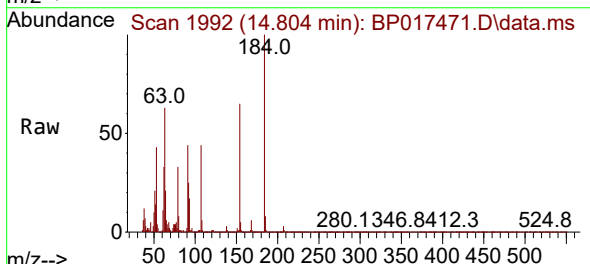
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

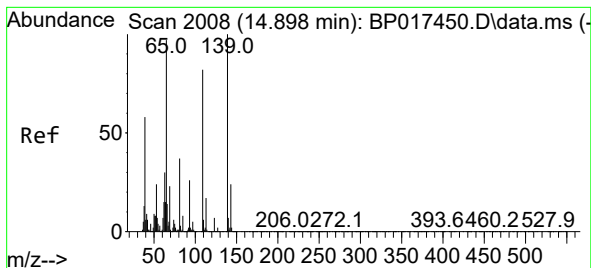
Tgt Ion:153 Resp: 1017265
Ion Ratio Lower Upper
153 100
152 47.8 38.0 57.0
154 88.7 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 34.436 ng/ul
RT: 14.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:184 Resp: 115851
Ion Ratio Lower Upper
184 100
63 63.2 53.2 79.8
154 65.5 48.9 73.3

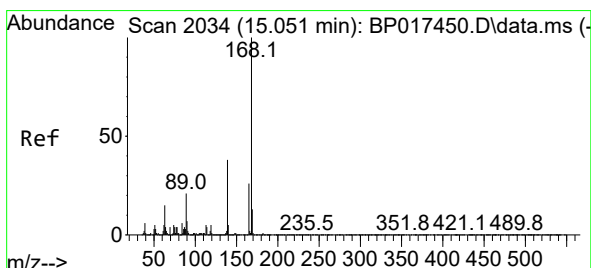
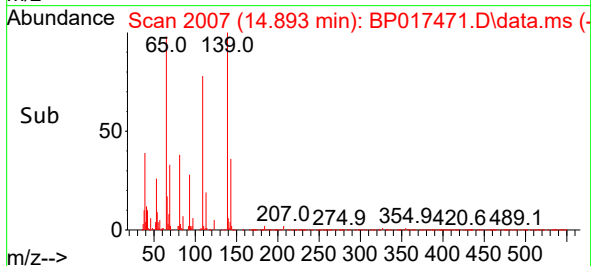
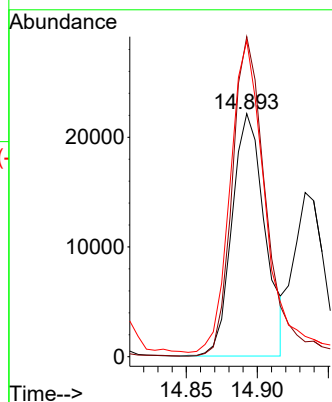
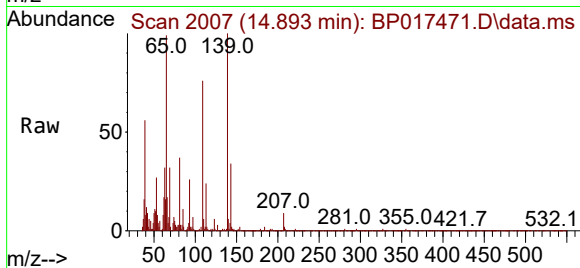




#55
4-Nitrophenol
Concen: 8.493 ng/ul
RT: 14.893 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

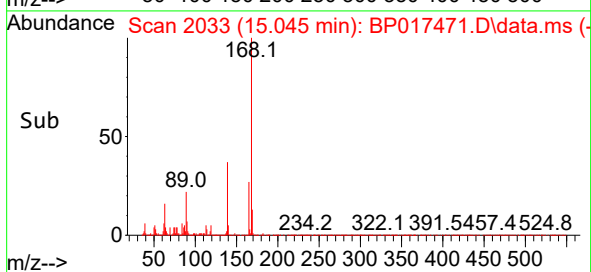
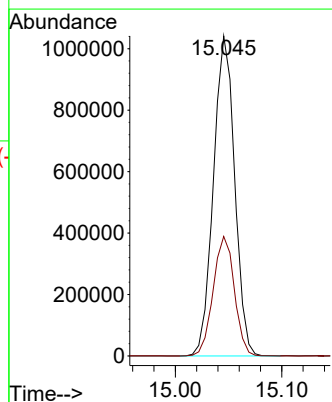
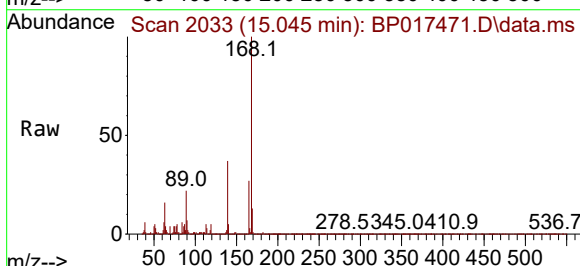
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

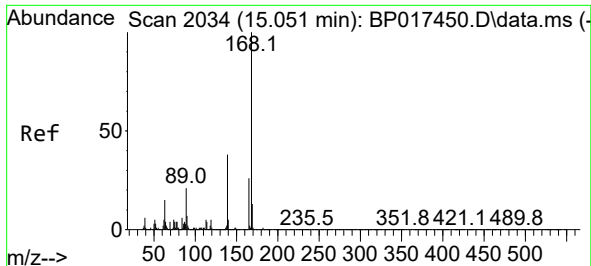
Tgt Ion:109 Resp: 35533
Ion Ratio Lower Upper
109 100
139 131.7 105.7 158.5
65 130.0 105.4 158.0



#56
Dibenzofuran
Concen: 38.526 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:168 Resp: 1440423
Ion Ratio Lower Upper
168 100
139 37.4 30.6 45.8

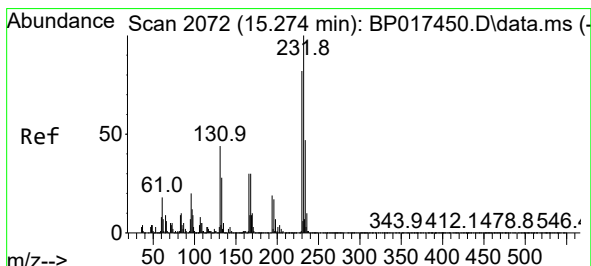
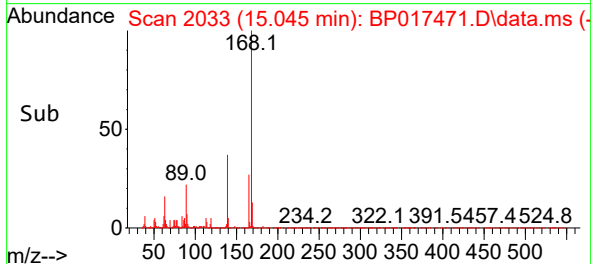
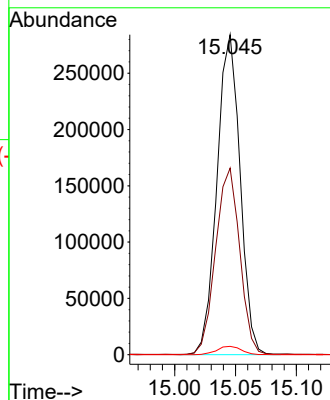
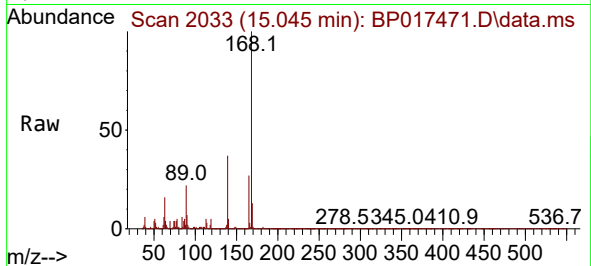




#57
2,4-Dinitrotoluene
Concen: 47.472 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

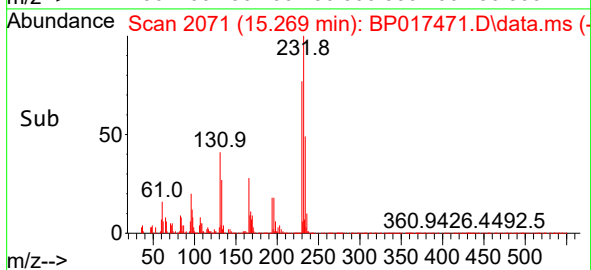
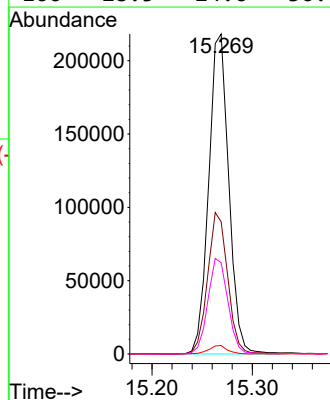
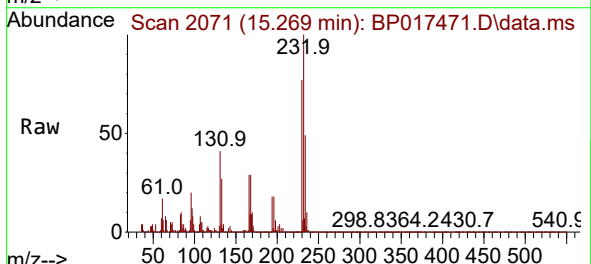
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

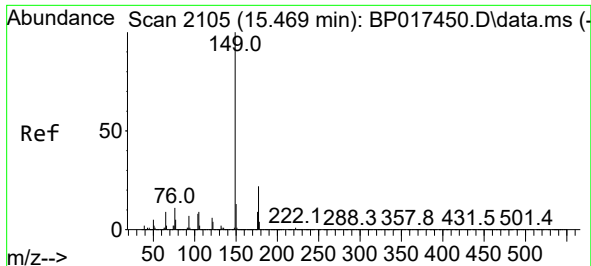
Tgt Ion:165 Resp: 376074
Ion Ratio Lower Upper
165 100
63 58.3 45.6 68.4
182 2.6 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.994 ng/ul
RT: 15.269 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:232 Resp: 304401
Ion Ratio Lower Upper
232 100
131 41.3 38.4 57.6
130 2.7 2.0 3.0
166 28.5 24.6 36.8

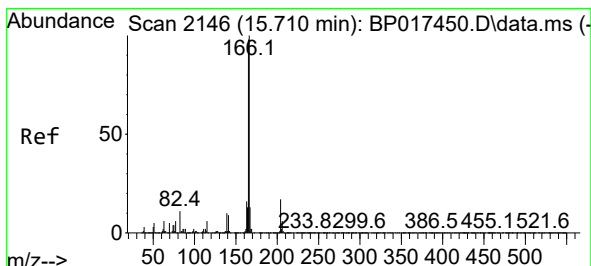
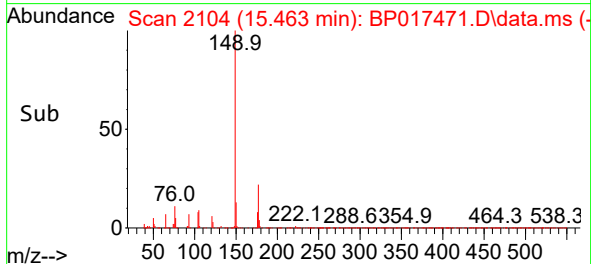
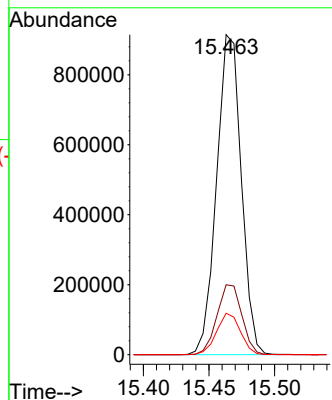
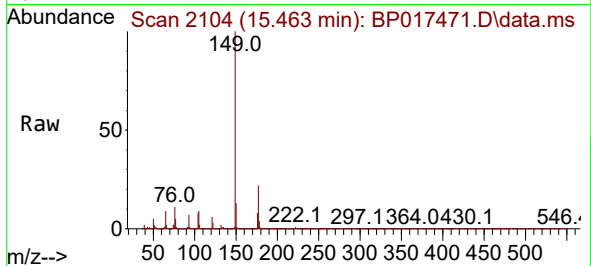




#59
Diethylphthalate
Concen: 39.964 ng/ul
RT: 15.463 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

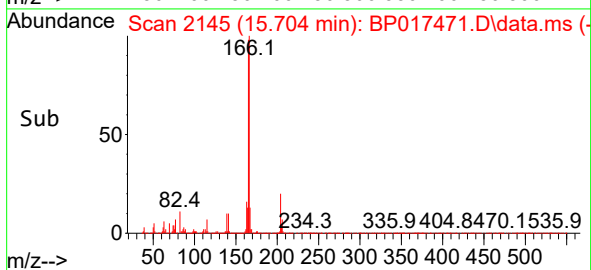
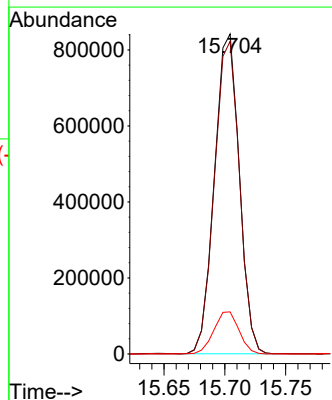
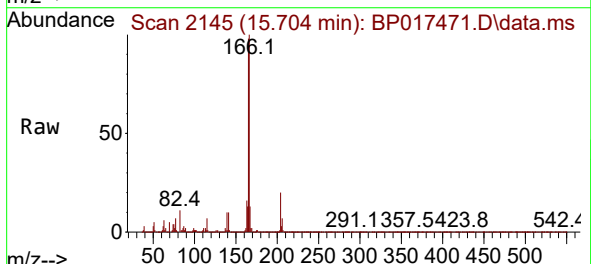
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

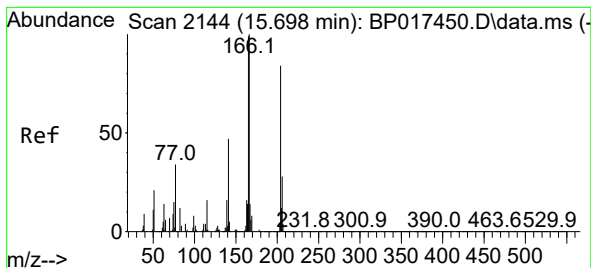
Tgt Ion:149 Resp: 1196287
Ion Ratio Lower Upper
149 100
177 21.9 17.0 25.6
150 12.9 9.8 14.6



#61
Fluorene
Concen: 39.385 ng/ul
RT: 15.704 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:166 Resp: 1196431
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.6
167 13.2 10.9 16.3

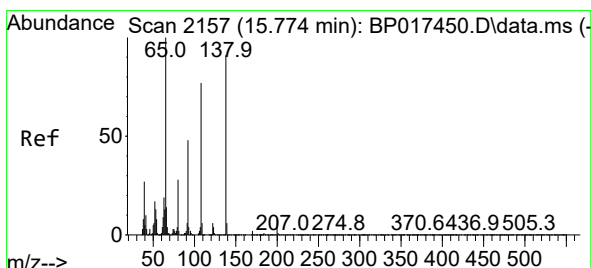
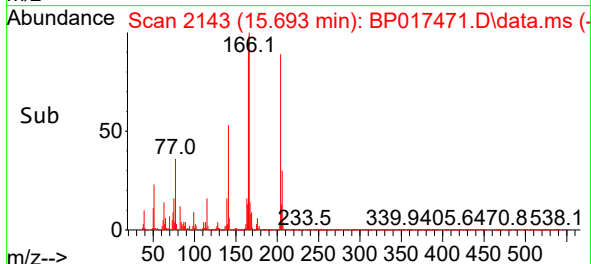
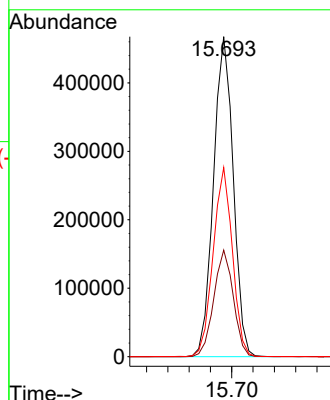
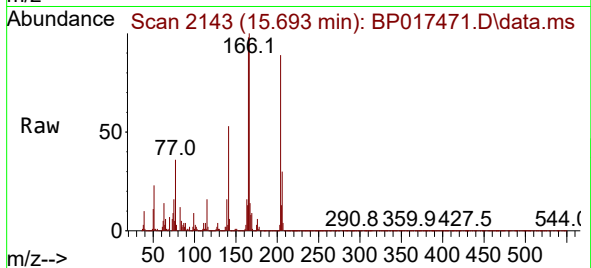




#62
4-Chlorophenyl-phenylether
Concen: 38.976 ng/ul
RT: 15.693 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

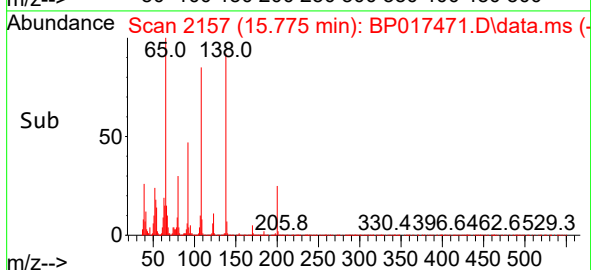
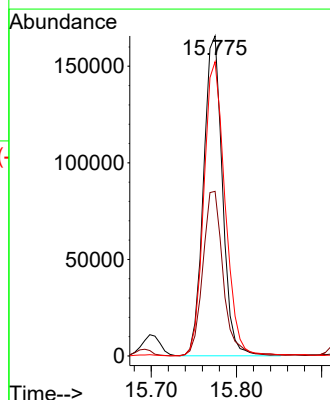
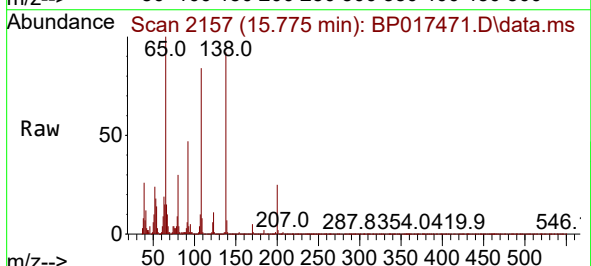
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

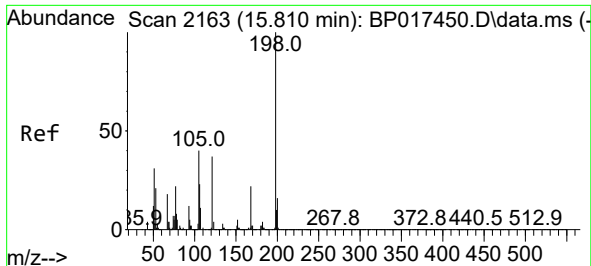
Tgt Ion:204 Resp: 600050
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.4
141 59.1 45.9 68.9



#63
4-Nitroaniline
Concen: 49.439 ng/ul
RT: 15.775 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:138 Resp: 255379
Ion Ratio Lower Upper
138 100
92 51.4 42.4 63.6
108 91.9 73.0 109.6

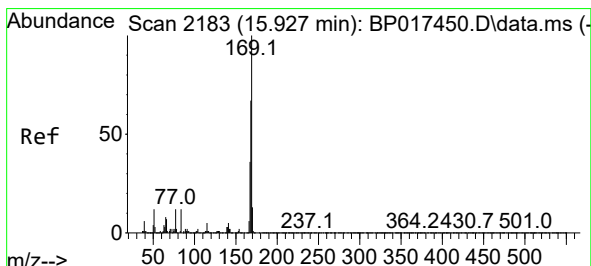
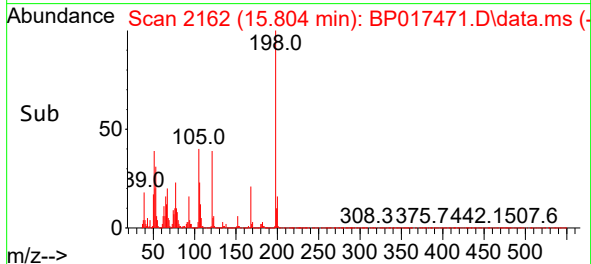
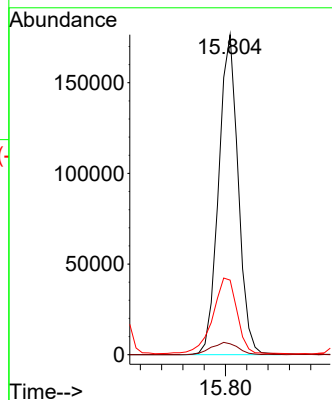
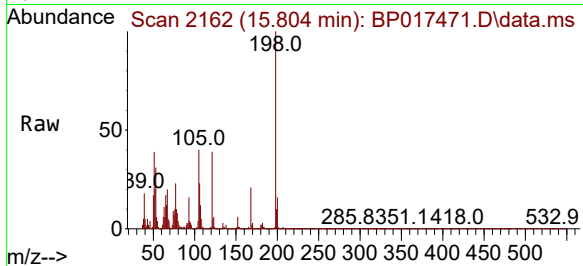




#66
4,6-Dinitro-2-methylphenol
Concen: 38.556 ng/ul
RT: 15.804 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

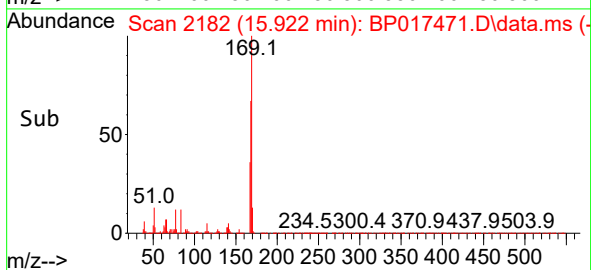
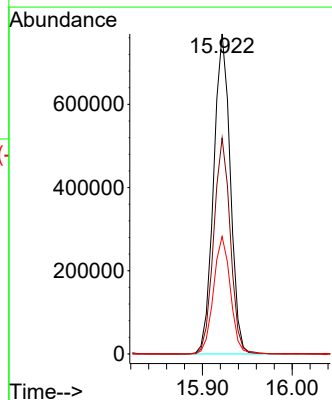
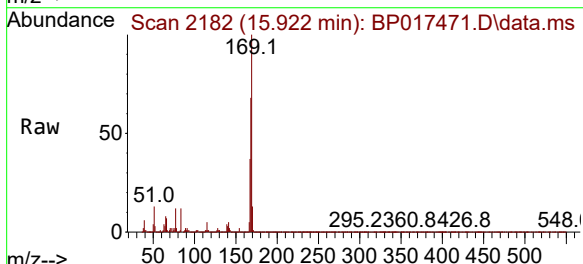
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

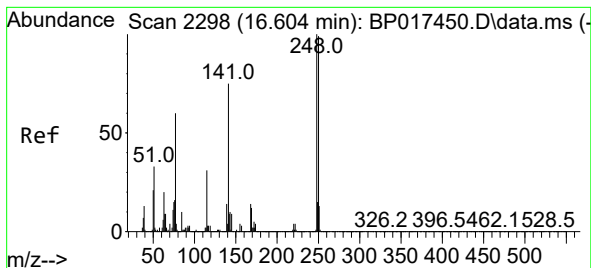
Tgt Ion:198 Resp: 224324
Ion Ratio Lower Upper
198 100
182 3.4 4.3 6.5#
77 23.3 20.4 30.6



#67
N-Nitrosodiphenylamine
Concen: 37.724 ng/ul
RT: 15.922 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:169 Resp: 992922
Ion Ratio Lower Upper
169 100
168 67.5 53.5 80.3
167 36.7 30.0 45.0

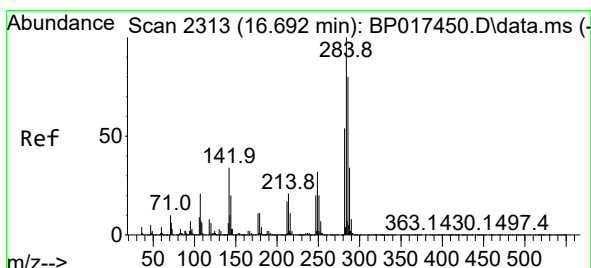
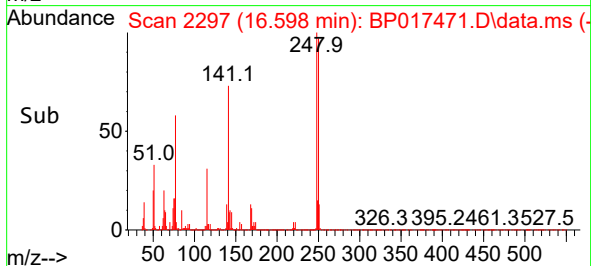
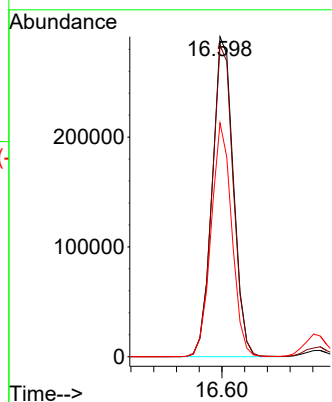
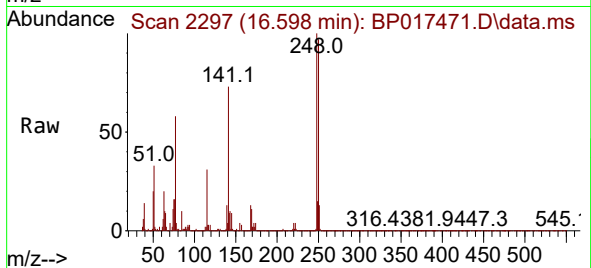




#68
4-Bromophenyl-phenylether
Concen: 39.172 ng/ul
RT: 16.598 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

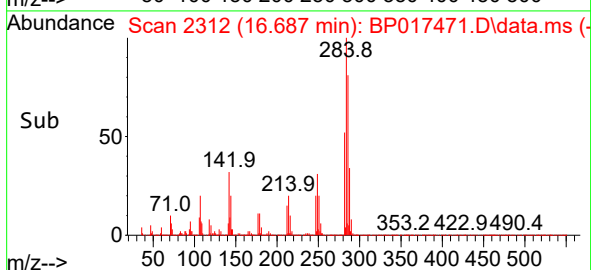
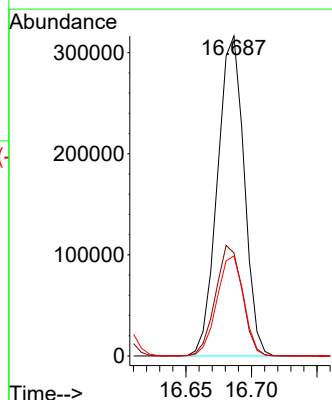
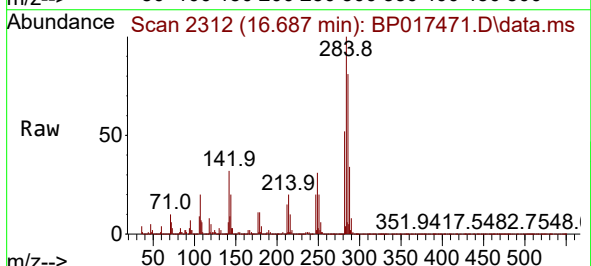
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

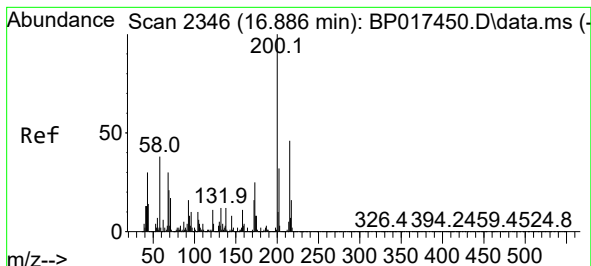
Tgt Ion:248 Resp: 376573
Ion Ratio Lower Upper
248 100
250 97.3 78.6 117.8
141 73.1 56.3 84.5



#69
Hexachlorobenzene
Concen: 40.126 ng/ul
RT: 16.687 min Scan# 2312
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:284 Resp: 447616
Ion Ratio Lower Upper
284 100
142 32.2 29.5 44.3
249 31.2 25.7 38.5





#70

Atrazine

Concen: 31.506 ng/ul

RT: 16.887 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

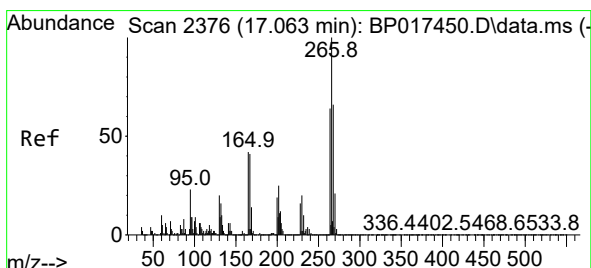
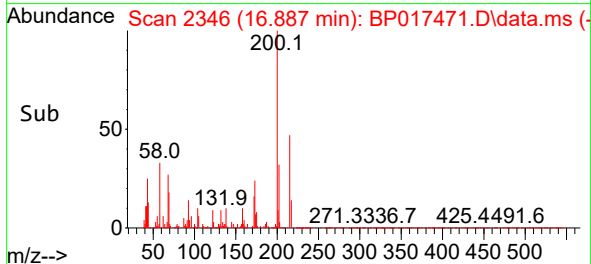
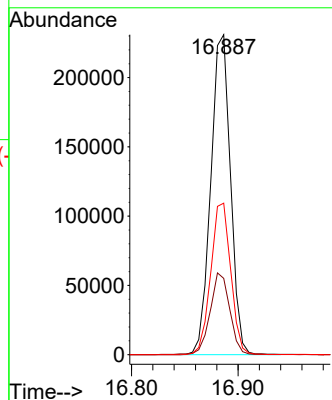
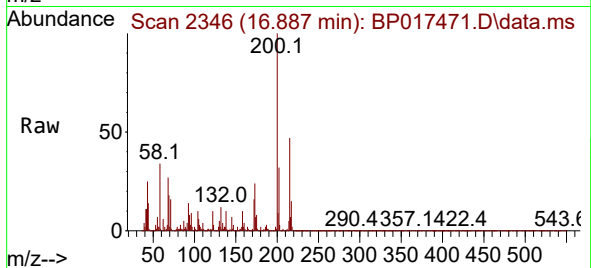
Tgt Ion:200 Resp: 297101

Ion Ratio Lower Upper

200 100

173 23.8 20.3 30.5

215 47.4 38.2 57.4



#71

Pentachlorophenol

Concen: 38.044 ng/ul

RT: 17.051 min Scan# 2374

Delta R.T. -0.006 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

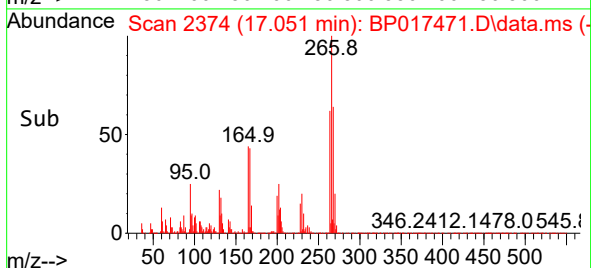
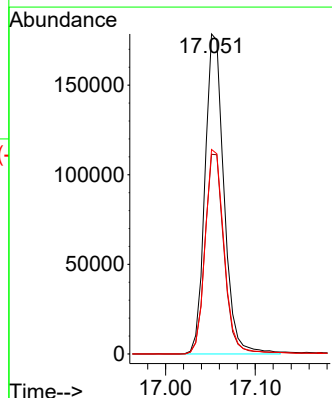
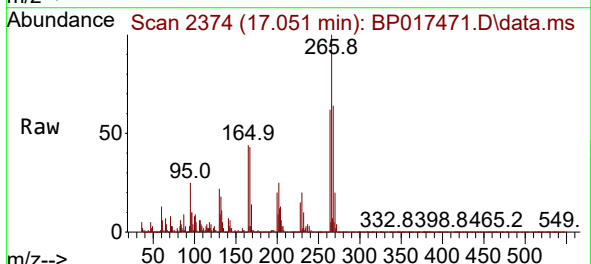
Tgt Ion:266 Resp: 262152

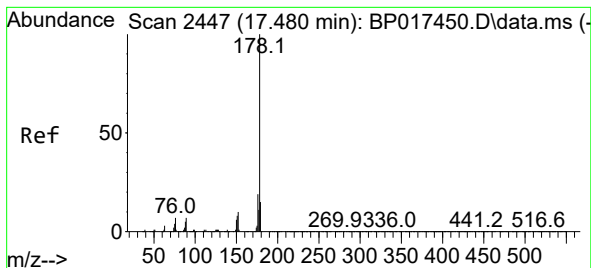
Ion Ratio Lower Upper

266 100

264 62.4 48.9 73.3

268 63.9 51.6 77.4





#72

Phenanthrene

Concen: 38.689 ng/ul

RT: 17.475 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

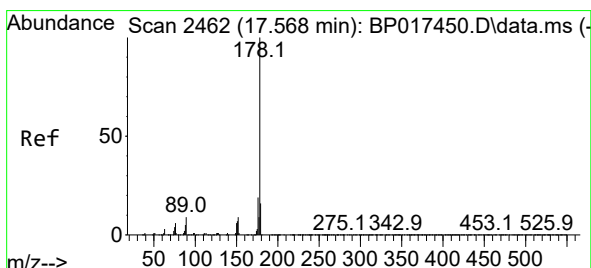
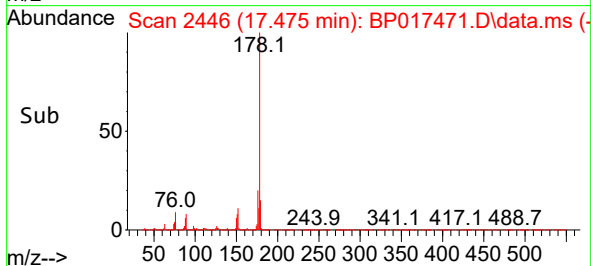
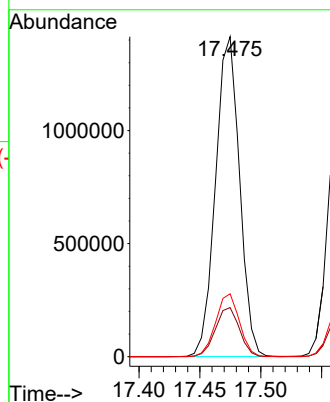
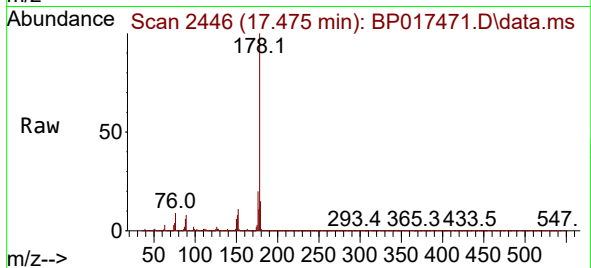
Tgt Ion:178 Resp: 1939096

Ion Ratio Lower Upper

178 100

179 15.3 12.7 19.1

176 19.6 15.8 23.6



#74

Anthracene

Concen: 38.859 ng/ul

RT: 17.569 min Scan# 2462

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

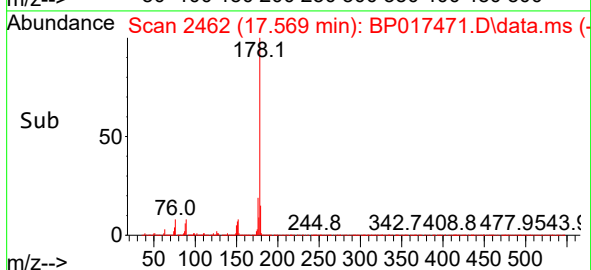
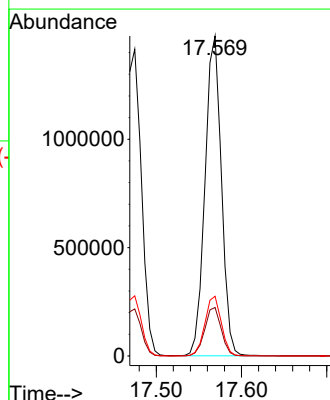
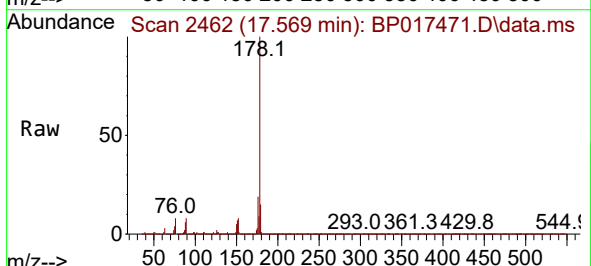
Tgt Ion:178 Resp: 1973859

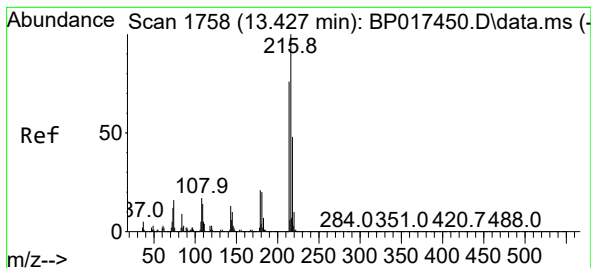
Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 18.6 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 33.954 ng/uL

RT: 13.422 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

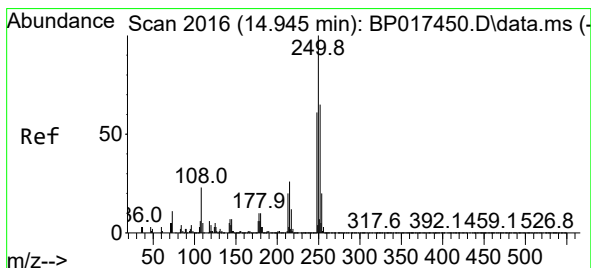
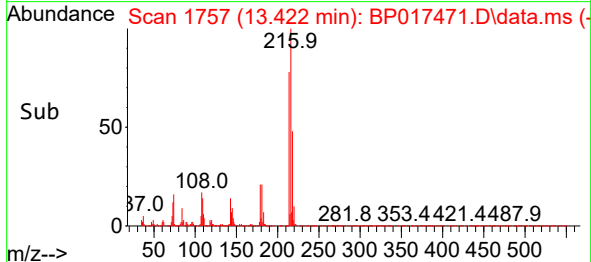
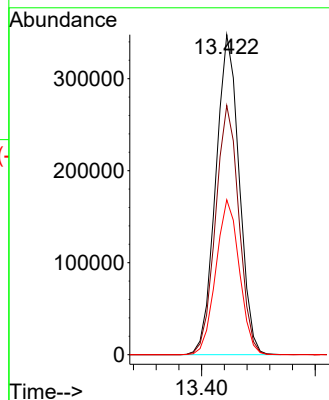
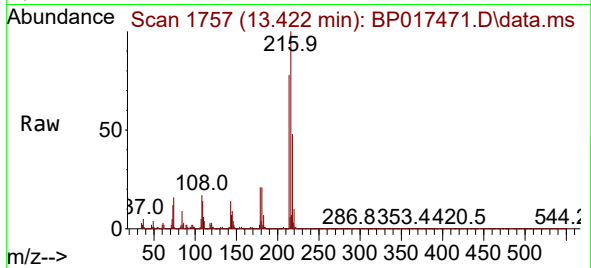
Tgt Ion:216 Resp: 498656

Ion Ratio Lower Upper

216 100

214 77.8 61.2 91.8

218 48.4 36.8 55.2



#76

Pentachlorobenzene

Concen: 34.109 ng/uL

RT: 14.940 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

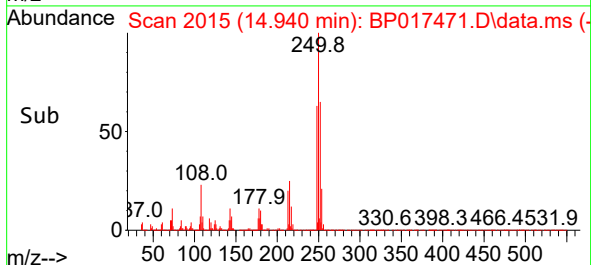
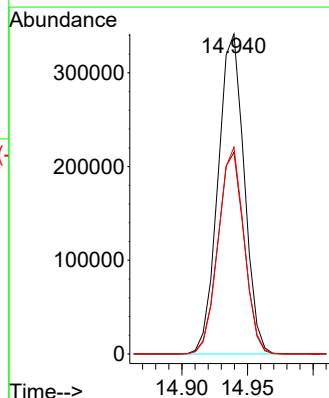
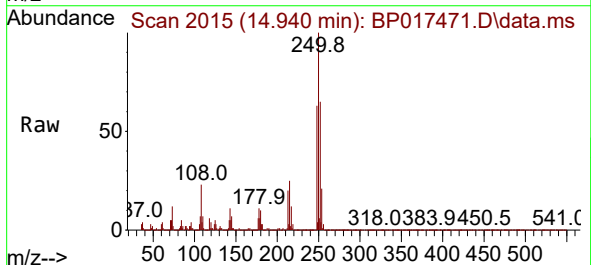
Tgt Ion:250 Resp: 473199

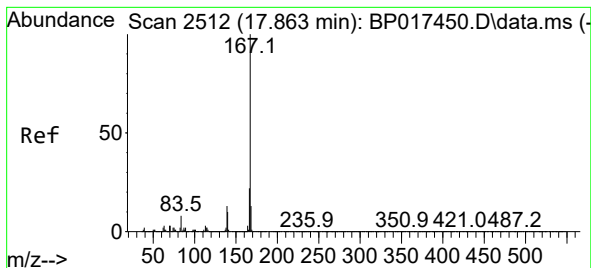
Ion Ratio Lower Upper

250 100

248 63.0 50.1 75.1

252 64.6 52.2 78.2





#77

Carbazole

Concen: 40.019 ng/ul

RT: 17.857 min Scan# 2511

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

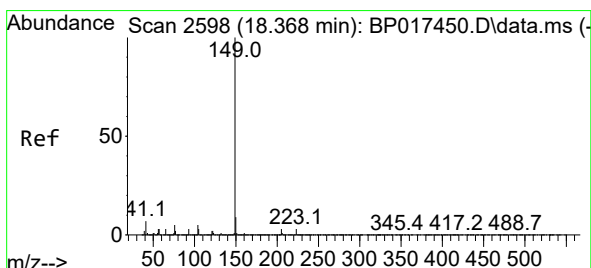
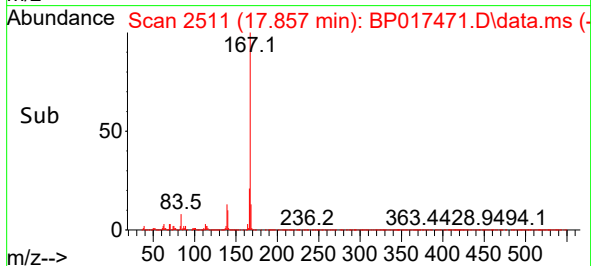
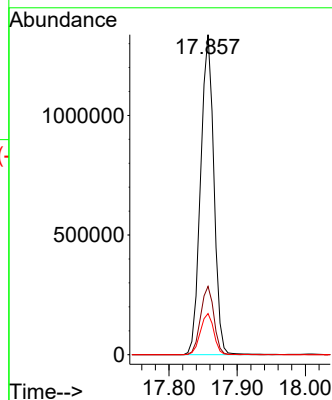
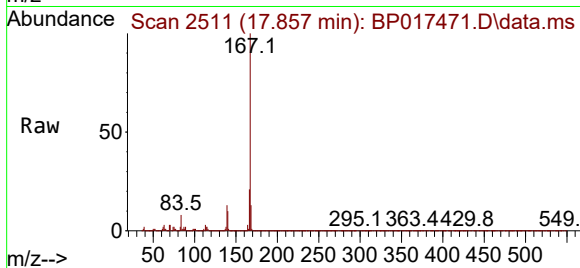
Tgt Ion:167 Resp: 1808104

Ion Ratio Lower Upper

167 100

166 21.4 16.5 24.7

139 12.8 10.5 15.7



#78

Di-n-butylphthalate

Concen: 41.945 ng/ul

RT: 18.363 min Scan# 2597

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

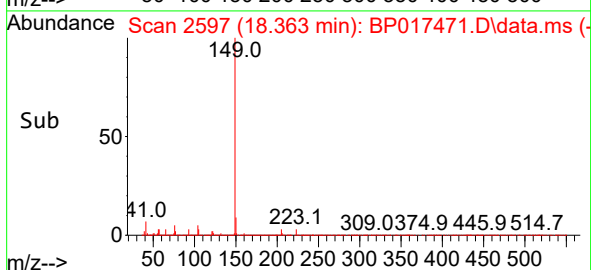
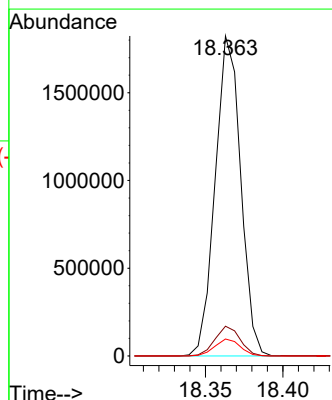
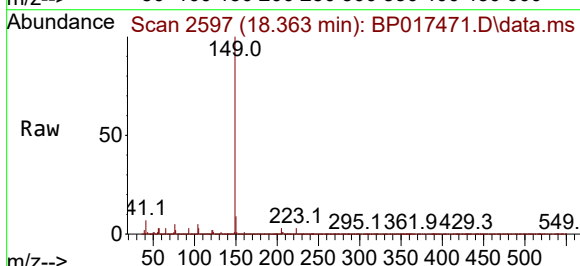
Tgt Ion:149 Resp: 2083916

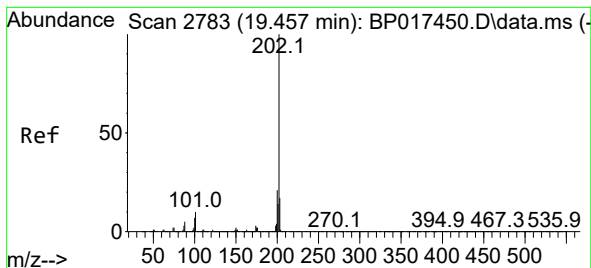
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.3 4.5 6.7





#80

Fluoranthene

Concen: 38.300 ng/ul

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

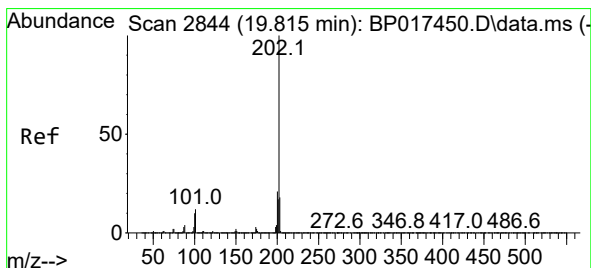
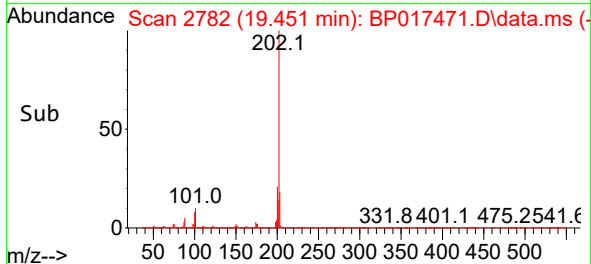
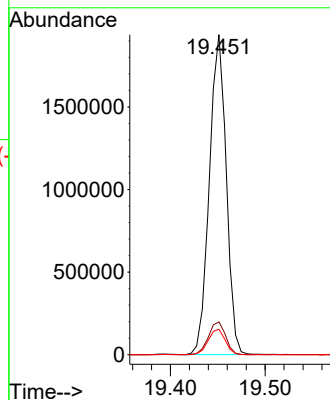
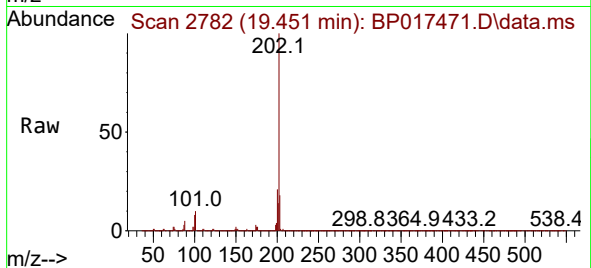
Tgt Ion:202 Resp: 2402183

Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

100 8.0 6.6 10.0



#82

Pyrene

Concen: 38.105 ng/ul

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

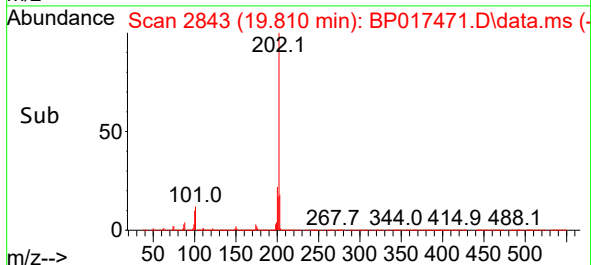
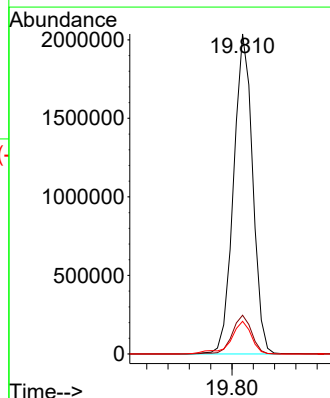
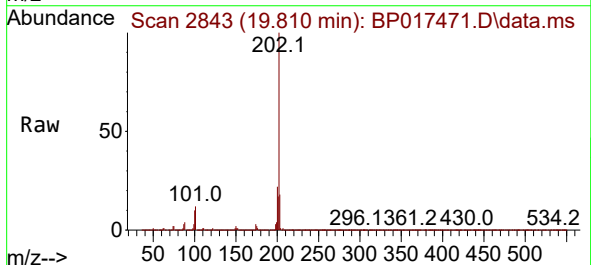
Tgt Ion:202 Resp: 2540611

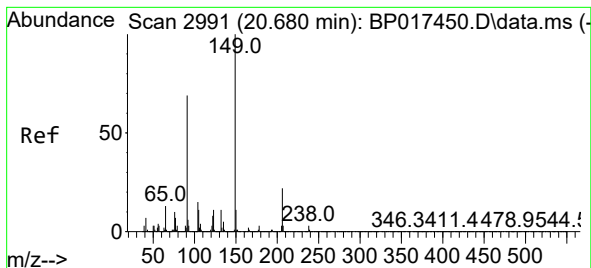
Ion Ratio Lower Upper

202 100

101 12.1 9.8 14.8

100 10.2 8.1 12.1





#83

Butylbenzylphthalate

Concen: 42.689 ng/ul

RT: 20.675 min Scan# 2991

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

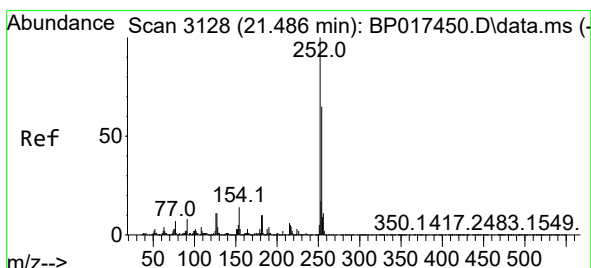
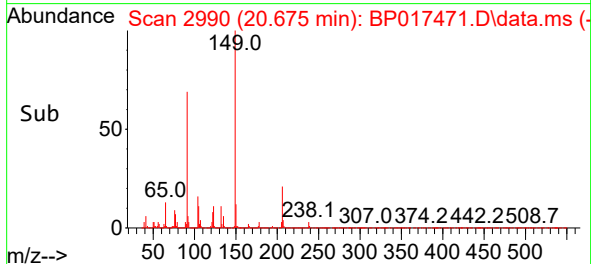
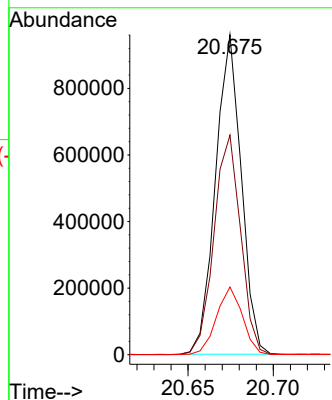
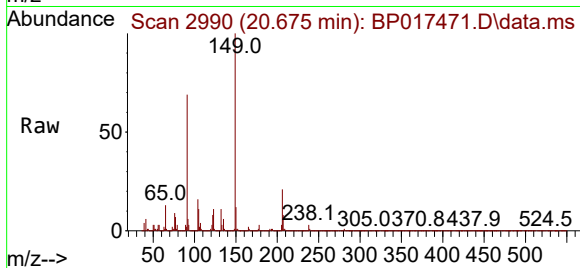
Tgt Ion:149 Resp: 1009193

Ion Ratio Lower Upper

149 100

91 68.6 59.8 89.6

206 21.1 15.7 23.5



#84

3,3'-Dichlorobenzidine

Concen: 36.394 ng/ul

RT: 21.480 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

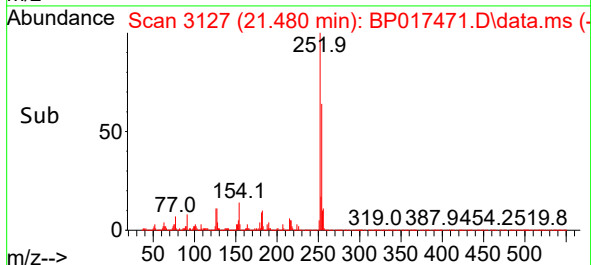
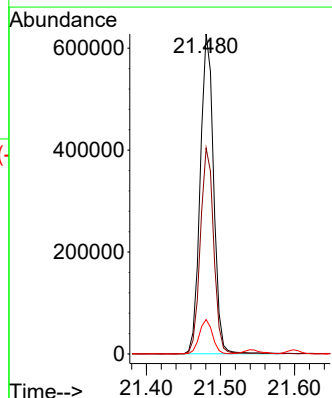
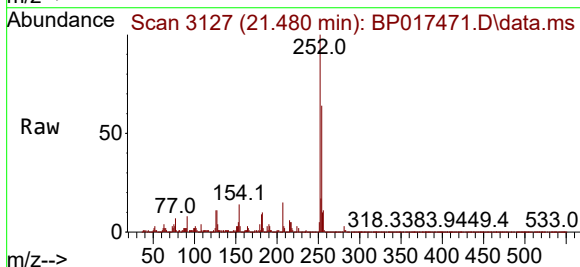
Tgt Ion:252 Resp: 786361

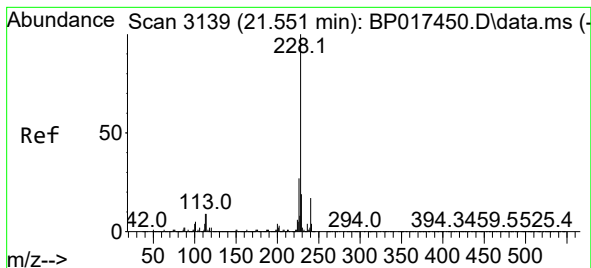
Ion Ratio Lower Upper

252 100

254 64.4 51.9 77.9

126 10.7 9.1 13.7





#85

Benzo(a)anthracene

Concen: 39.578 ng/ul

RT: 21.539 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

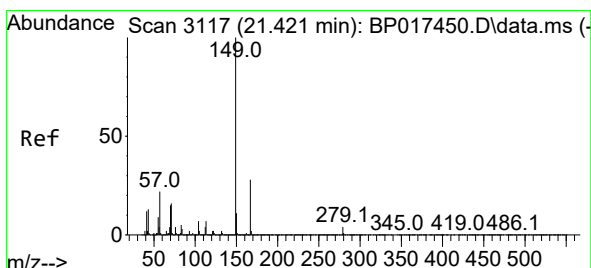
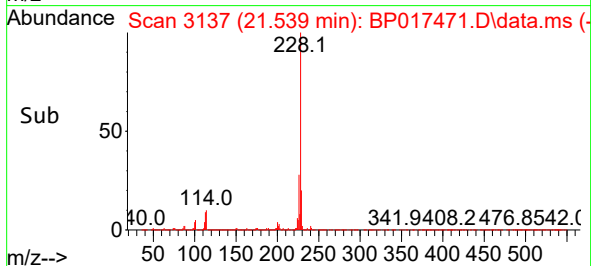
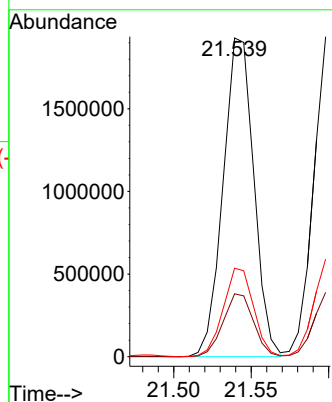
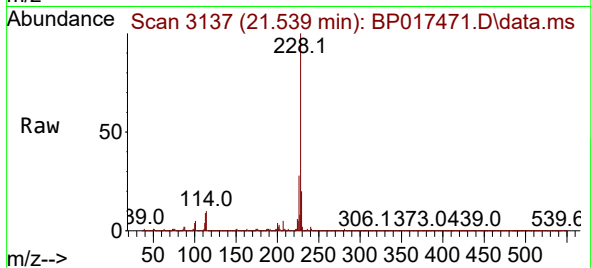
Tgt Ion:228 Resp: 2656442

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 27.8 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 42.132 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

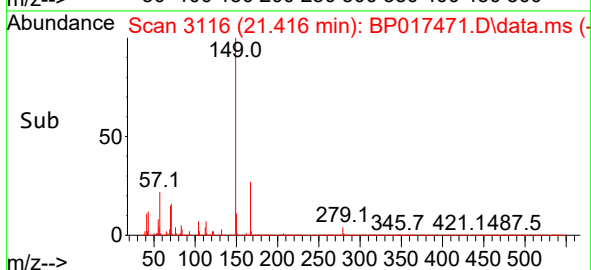
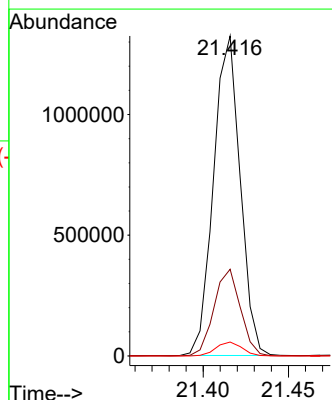
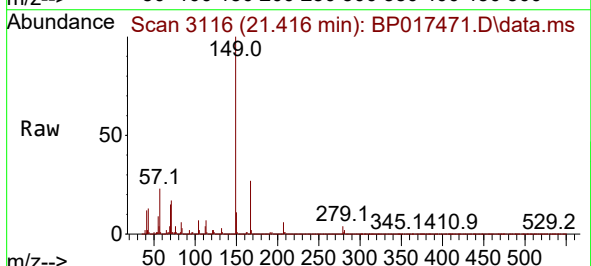
Tgt Ion:149 Resp: 1438422

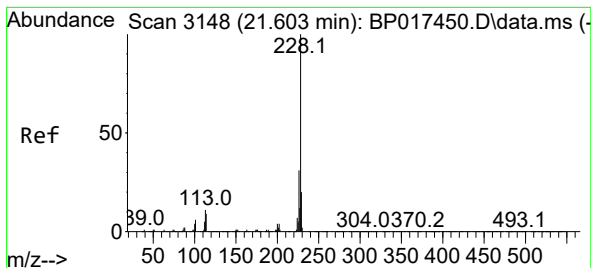
Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.6

279 4.3 3.0 4.4





#87

Chrysene

Concen: 38.861 ng/ul

RT: 21.598 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

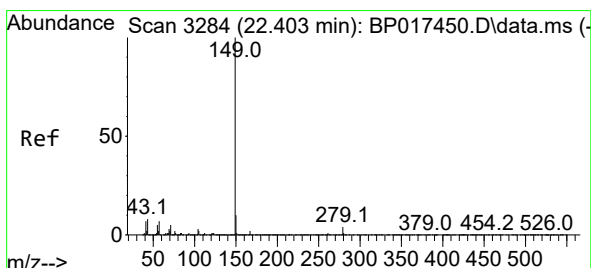
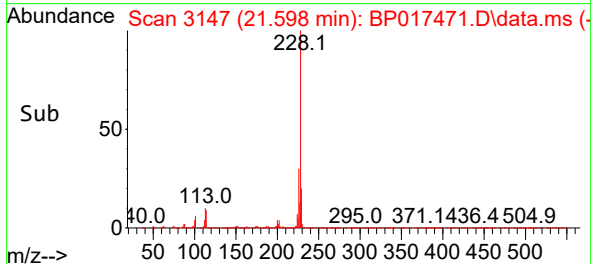
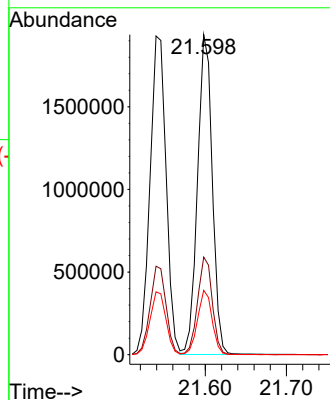
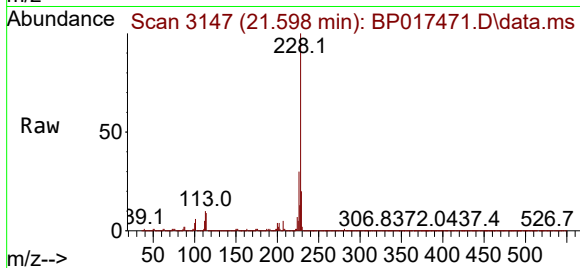
Tgt Ion:228 Resp: 2454749

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 20.1 15.0 22.6



#89

Di-n-octyl phthalate

Concen: 40.654 ng/ul

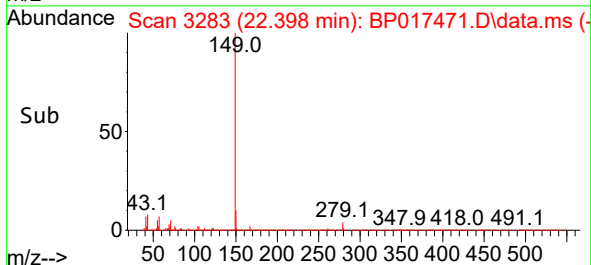
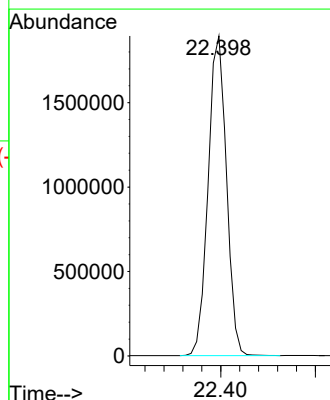
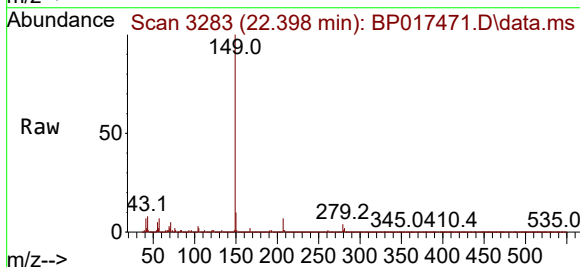
RT: 22.398 min Scan# 3283

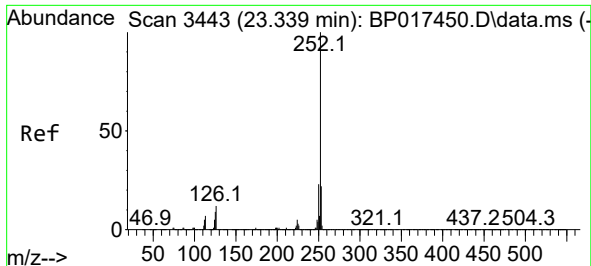
Delta R.T. 0.000 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Tgt Ion:149 Resp: 2536885

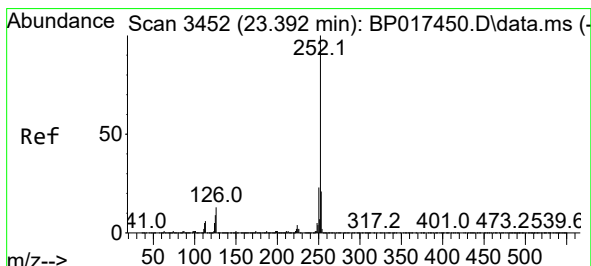
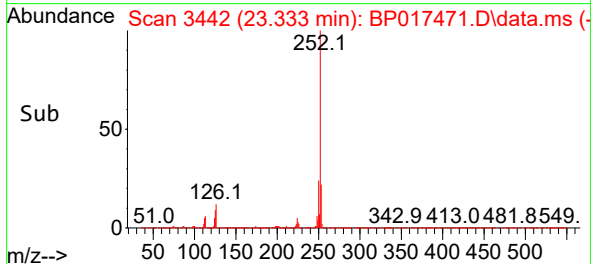
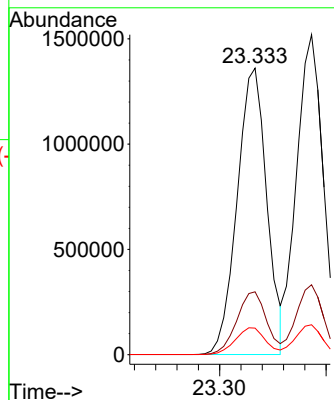
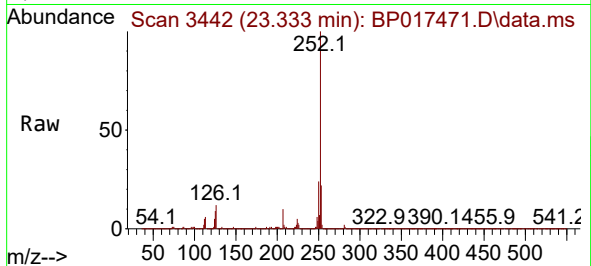




#90
Benzo(b)fluoranthene
Concen: 39.376 ng/ul
RT: 23.333 min Scan# 3443
Delta R.T. 0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

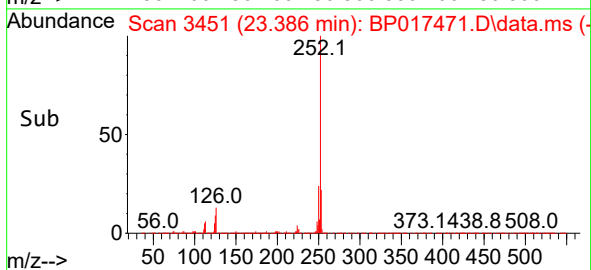
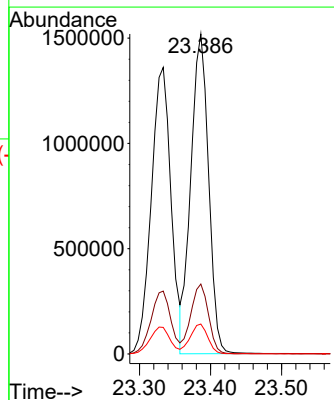
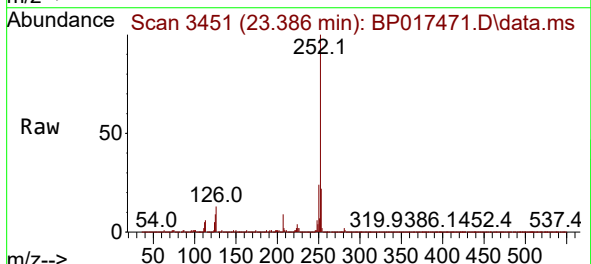
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

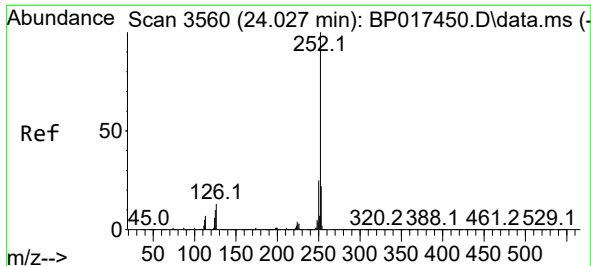
Tgt Ion:252 Resp: 2633616
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.3 7.8 11.8



#91
Benzo(k)fluoranthene
Concen: 39.045 ng/ul
RT: 23.386 min Scan# 3451
Delta R.T. 0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:252 Resp: 2634737
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.4 7.8 11.6

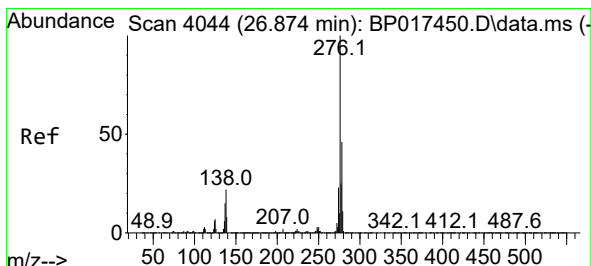
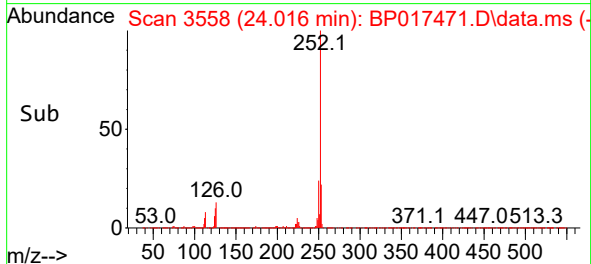
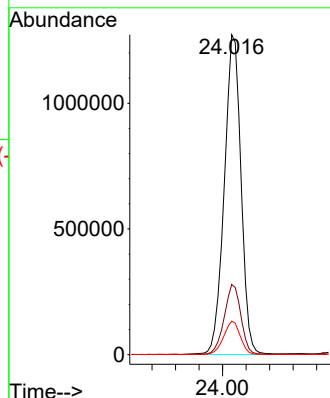
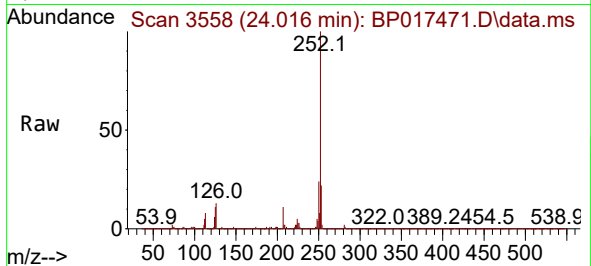




#93
Benzo(a)pyrene
Concen: 39.280 ng/ul
RT: 24.016 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

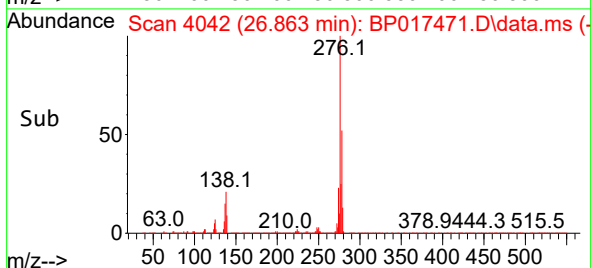
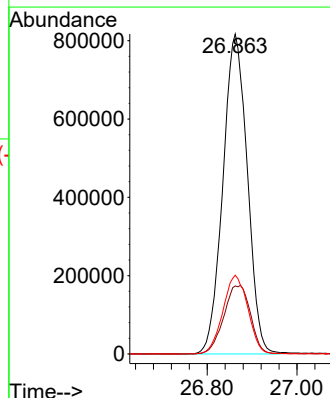
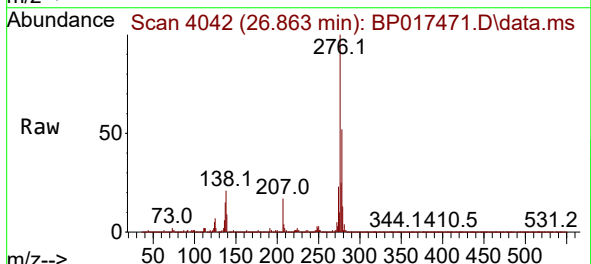
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

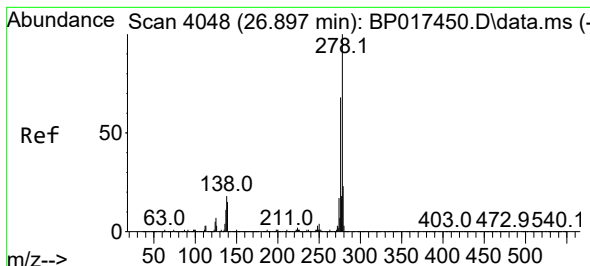
Tgt Ion:252 Resp: 2513669
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.5 8.9 13.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 38.495 ng/ul
RT: 26.863 min Scan# 4042
Delta R.T. 0.006 min
Lab File: BP017471.D
Acq: 30 Sep 2023 06:21

Tgt Ion:276 Resp: 3087740
Ion Ratio Lower Upper
276 100
138 21.3 17.9 26.9
277 24.6 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 38.175 ng/ul

RT: 26.886 min Scan# 4048

Delta R.T. 0.006 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Instrument :

BNA_P

ClientSampleId :

BBK58MSD

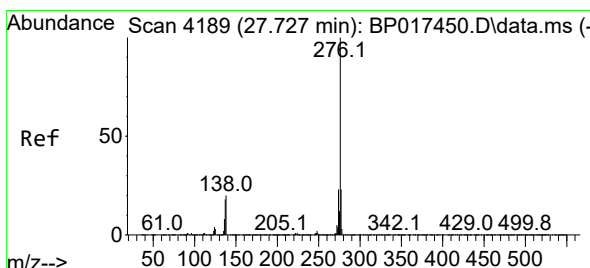
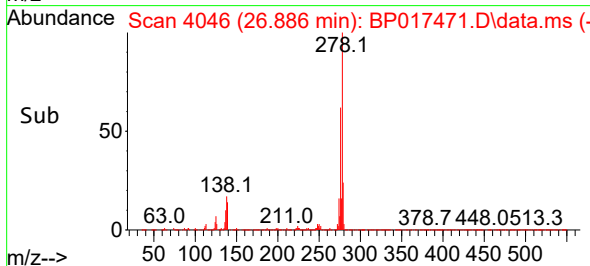
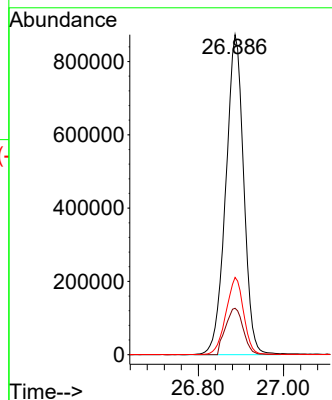
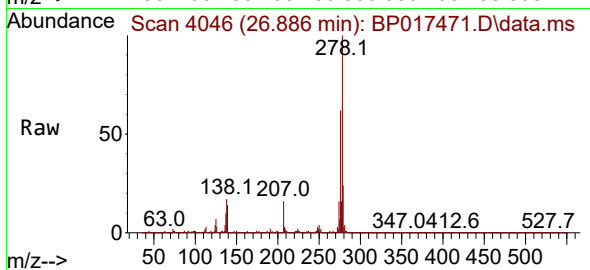
Tgt Ion:278 Resp: 2550440

Ion Ratio Lower Upper

278 100

139 14.5 13.4 20.0

279 24.2 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 38.409 ng/ul

RT: 27.715 min Scan# 4187

Delta R.T. 0.012 min

Lab File: BP017471.D

Acq: 30 Sep 2023 06:21

Tgt Ion:276 Resp: 2484457

Ion Ratio Lower Upper

276 100

138 20.6 17.3 25.9

277 23.9 18.8 28.2

