

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018378.D
 Acq On : 25 Nov 2023 20:58
 Operator : MA/JU
 Sample : 05336-03MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKB9MS

Quant Time: Nov 27 00:03:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	518213	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1970872	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.499	164	1050050	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1828425	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1712156	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	2132685	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	45894	3.317	ng/uL	0.00
4) Pyridine-d5	3.687	84	263022	6.918	ng/u1	0.00
7) Phenol-d5	7.028	99	214953	4.539	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	615036	21.717	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	680105	17.104	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	416657	10.902	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	434167	27.122	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	417423	28.235	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	818906	22.959	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	1003696	20.864	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	2467806	26.412	ng/u1	0.00
49) Acenaphthylene-d8	14.193	160	2731433	25.656	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	59859	4.641	ng/u1	0.00
60) Fluorene-d10	15.493	176	1987283	25.429	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	251755	32.345	ng/u1	0.00
73) Anthracene-d10	17.345	188	2725355	27.887	ng/u1	0.00
81) Pyrene-d10	19.586	212	3018292	22.150	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	3584034	28.987	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	47474	3.200	ng/uL#	85
5) Pyridine	3.711	79	308279	8.047	ng/u1	93
6) Benzaldehyde	7.005	77	589315	23.514	ng/u1	95
8) Phenol	7.058	94	243499	5.241	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.293	93	920674	23.792	ng/u1	96
12) 2-Chlorophenol	7.428	128	718926	18.022	ng/u1	96
13) 2-Methylphenol	8.311	108	512907	14.175	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1061425	19.297	ng/u1	95
16) Acetophenone	8.693	105	1366680	23.369	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.681	70	646002	19.774	ng/u1	94
18) 4-Methylphenol	8.640	108	467154	12.090	ng/u1	100
19) Hexachloroethane	8.946	117	263184	15.798	ng/u1	94
22) Nitrobenzene	9.069	77	942788	25.139	ng/u1	94
23) Isophorone	9.599	82	1935022	23.149	ng/u1	97
25) 2-Nitrophenol	9.781	139	479573	28.831	ng/u1	94
26) 2,4-Dimethylphenol	9.846	107	795035	21.288	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1220647	24.180	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	830872	24.319	ng/u1	98
30) Naphthalene	10.716	128	2827115	23.717	ng/u1	100
32) 4-Chloroaniline	10.828	127	896675	19.753	ng/u1	99
33) Hexachlorobutadiene	11.005	225	528587	22.684	ng/u1	99
34) Caprolactam	11.605	113	32687	3.320	ng/u1	90
35) 4-Chloro-3-methylphenol	11.946	107	694000	18.998	ng/u1	96
36) 2-Methylnaphthalene	12.328	142	1961037	23.245	ng/u1	99

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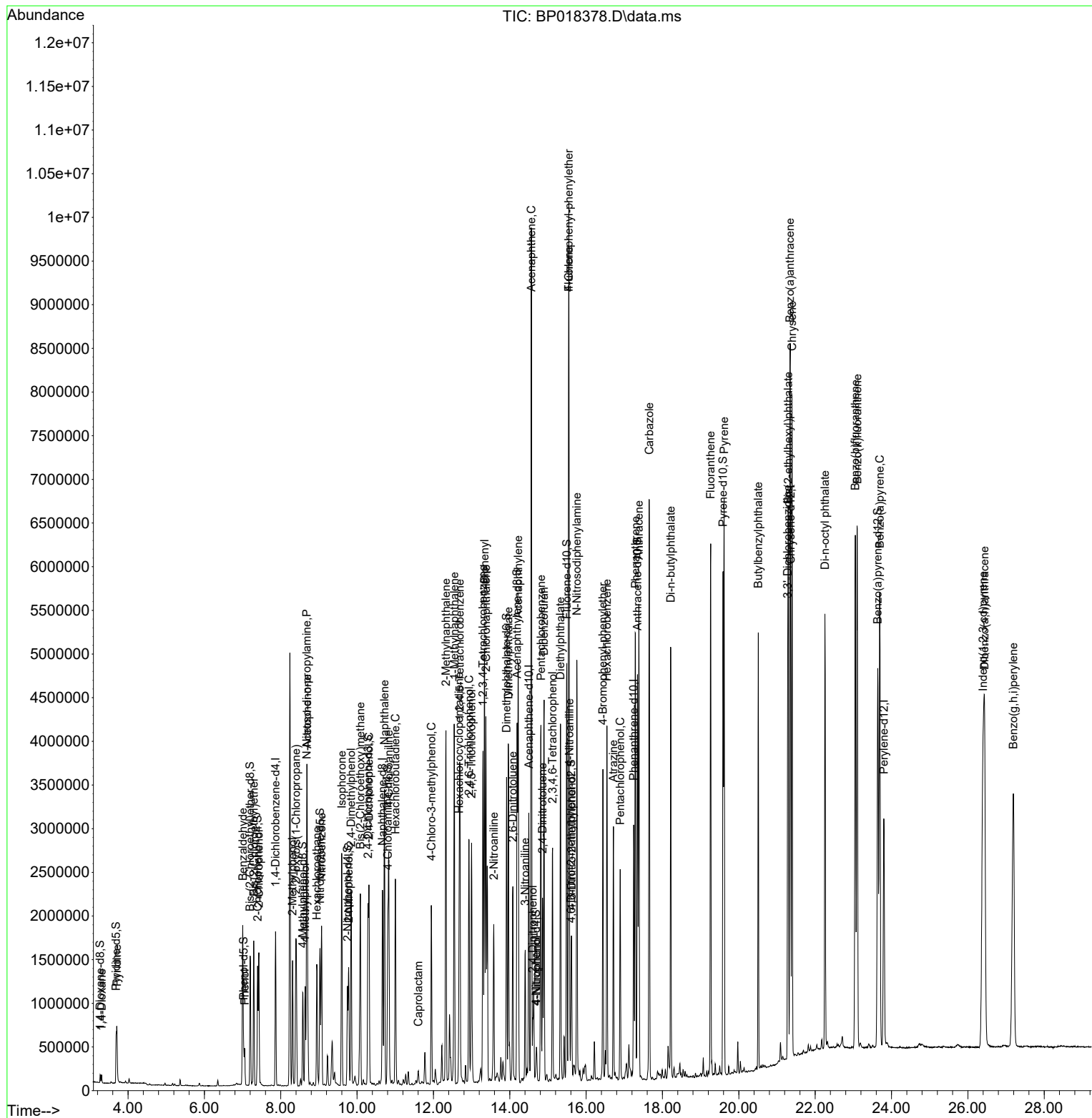
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	1982493	23.346	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	1127771	30.410	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	440973	20.994	ng/ul	100
41) 2,4,6-Trichlorophenol	12.934	196	703383	31.582	ng/ul	100
42) 2,4,5-Trichlorophenol	12.999	196	729146	30.276	ng/ul	98
43) 1,1'-Biphenyl	13.340	154	2611749	28.547	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	2056397	28.399	ng/ul	98
45) 2-Nitroaniline	13.581	65	451526	28.980	ng/ul	87
47) Dimethylphthalate	13.963	163	2568444	28.095	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	494033	32.053	ng/ul	89
50) Acenaphthylene	14.222	152	3277289	27.617	ng/ul	100
51) 3-Nitroaniline	14.404	138	405525	26.481	ng/ul#	94
52) Acenaphthene	14.563	153	4084279	52.685	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	148667	27.647	ng/ul	96
55) 4-Nitrophenol	14.704	109	45479	4.759	ng/ul	98
56) Dibenzofuran	14.898	168	2970244	28.026	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	626338	30.071	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.122	232	567252	29.992	ng/ul	94
59) Diethylphthalate	15.328	149	2396756	26.099	ng/ul	99
61) Fluorene	15.546	166	2870071	33.207	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.546	204	1211262	27.599	ng/ul	97
63) 4-Nitroaniline	15.563	138	402794	27.870	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.622	198	292224	33.852	ng/ul#	97
67) N-Nitrosodiphenylamine	15.757	169	1907011	30.756	ng/ul	100
68) 4-Bromophenyl-phenylether	16.440	248	746847	32.352	ng/ul	96
69) Hexachlorobenzene	16.545	284	866763	33.585	ng/ul	93
70) Atrazine	16.716	200	559676	29.568	ng/ul	99
71) Pentachlorophenol	16.892	266	448605	33.830	ng/ul	99
72) Phenanthrene	17.292	178	3316742	29.823	ng/ul	99
74) Anthracene	17.381	178	3359418	29.925	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.299	216	1142377	36.349	ng/ul	100
76) Pentachlorobenzene	14.816	250	1105455	36.210	ng/ul	99
77) Carbazole	17.651	167	4402397	48.405	ng/ul	100
78) Di-n-butylphthalate	18.216	149	3489992	27.588	ng/ul	100
80) Fluoranthene	19.263	202	3732844	22.931	ng/ul	97
82) Pyrene	19.616	202	3830820	23.369	ng/ul	97
83) Butylbenzylphthalate	20.510	149	1499107	24.712	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.281	252	1200084	28.980	ng/ul	99
85) Benzo(a)anthracene	21.339	228	4154436	29.773	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	2251476	24.737	ng/ul	98
87) Chrysene	21.392	228	3864103	30.432	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	4048913	25.788	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	4517724	29.164	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	4511125	29.253	ng/ul	99
93) Benzo(a)pyrene	23.692	252	4315648	30.294	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.398	276	5490415	33.331	ng/ul	97
95) Dibenzo(a,h)anthracene	26.439	278	4518239	33.505	ng/ul	98
96) Benzo(g,h,i)perylene	27.192	276	4473604	33.534	ng/ul	98

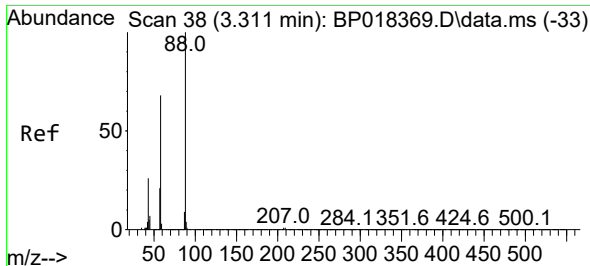
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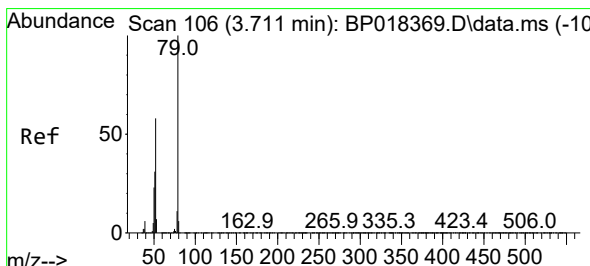
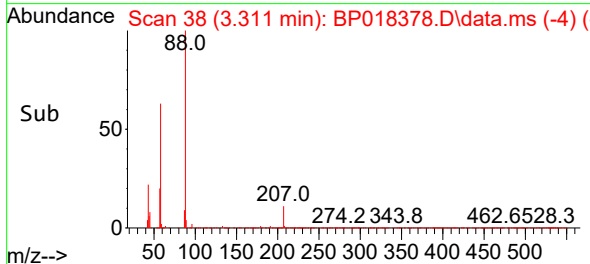
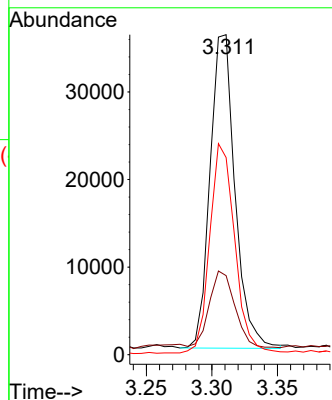
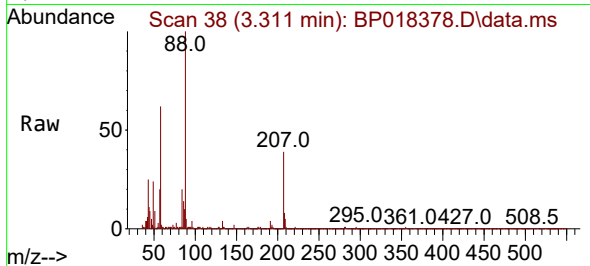




#2
1,4-Dioxane
Concen: 3.200 ng/uL
RT: 3.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: BP018378.D
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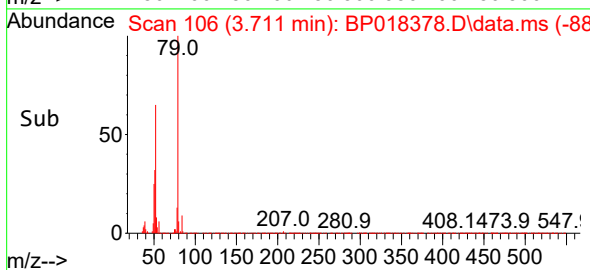
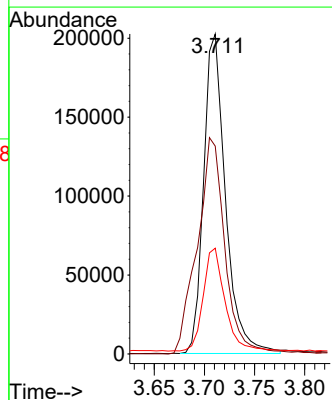
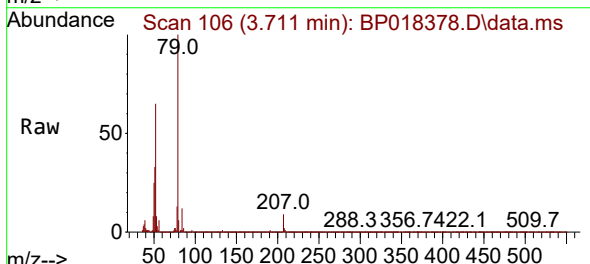
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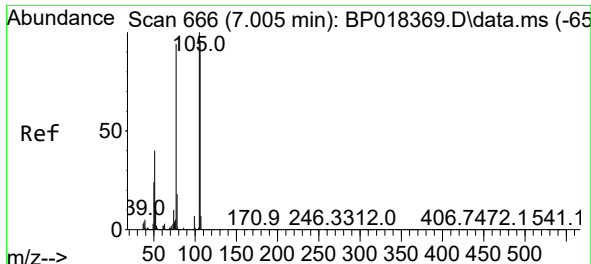
Tgt Ion: 88 Resp: 47474
Ion Ratio Lower Upper
88 100
43 24.7 26.9 40.3#
58 61.6 59.6 89.4



#5
Pyridine
Concen: 8.047 ng/uL
RT: 3.711 min Scan# 106
Delta R.T. 0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion: 79 Resp: 308279
Ion Ratio Lower Upper
79 100
52 65.0 57.7 86.5
51 33.0 27.8 41.8

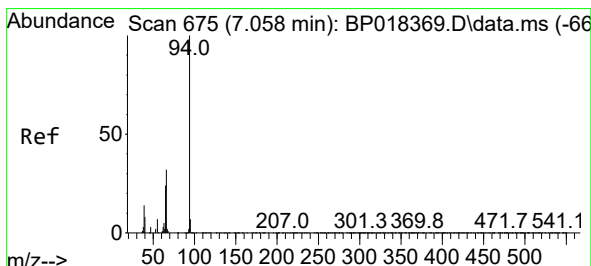
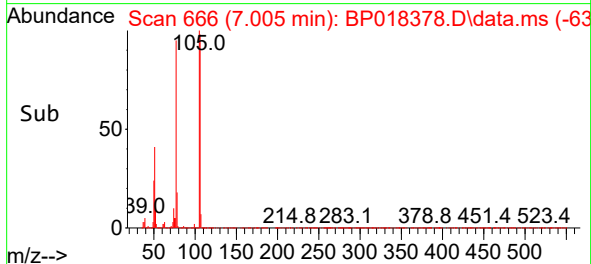
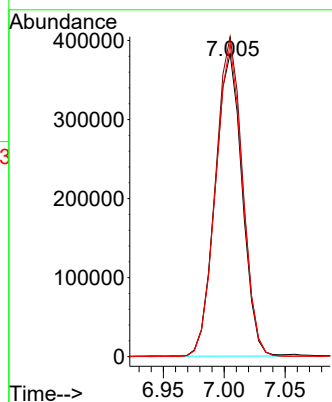
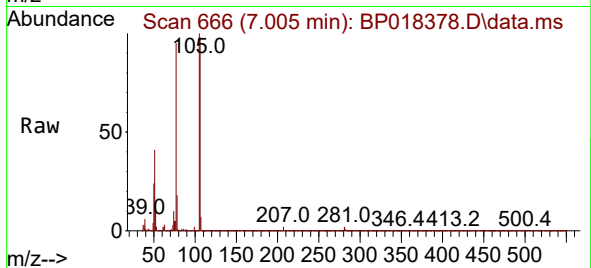




#6
Benzaldehyde
Concen: 23.514 ng/ul
RT: 7.005 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

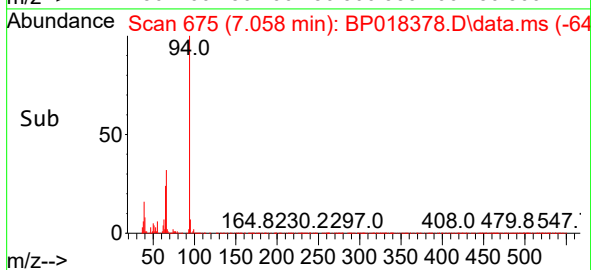
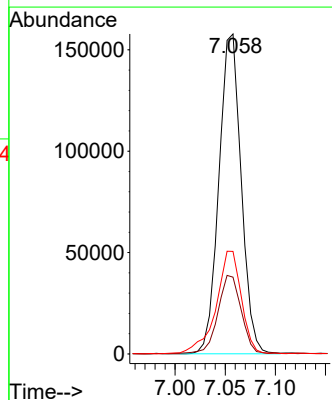
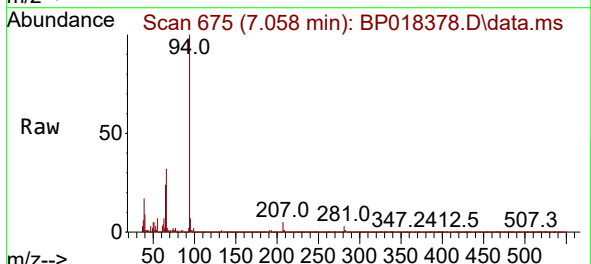
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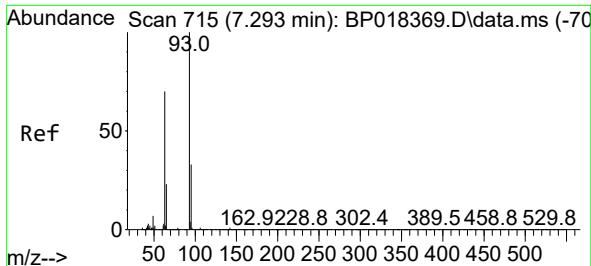
Tgt Ion: 77 Resp: 589315
Ion Ratio Lower Upper
77 100
105 105.6 81.5 122.3
106 103.3 77.9 116.9



#8
Phenol
Concen: 5.241 ng/ul
RT: 7.058 min Scan# 675
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion: 94 Resp: 243499
Ion Ratio Lower Upper
94 100
65 24.0 21.2 31.8
66 32.0 28.0 42.0

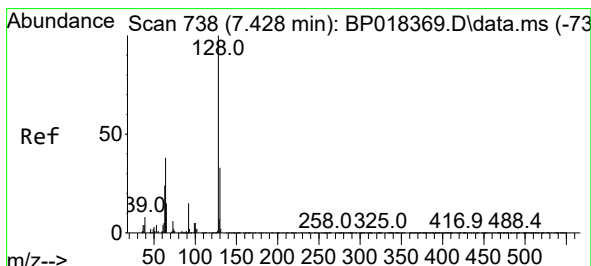
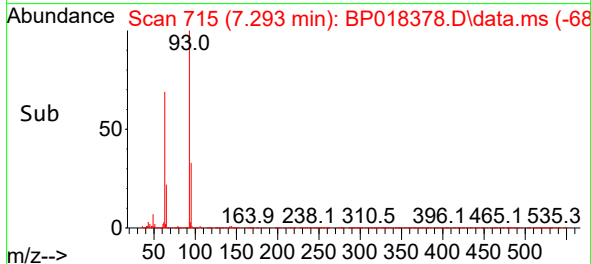
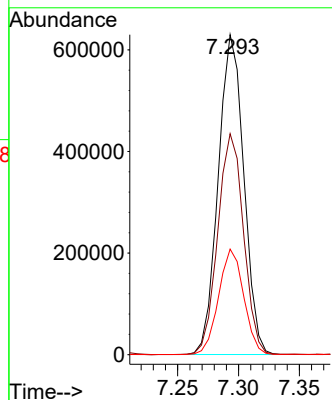
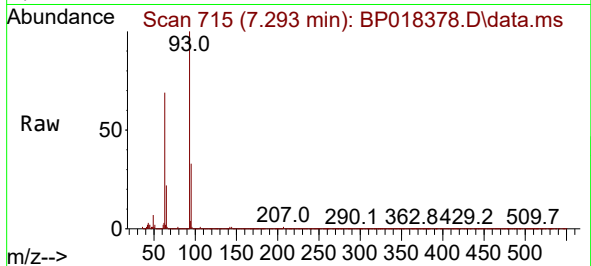




#10
Bis(2-Chloroethyl)ether
Concen: 23.792 ng/ul
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP018378.D
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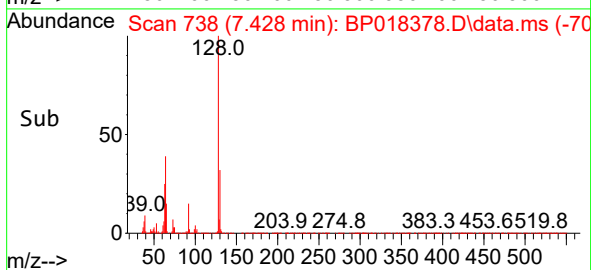
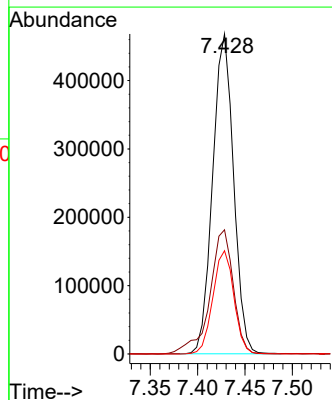
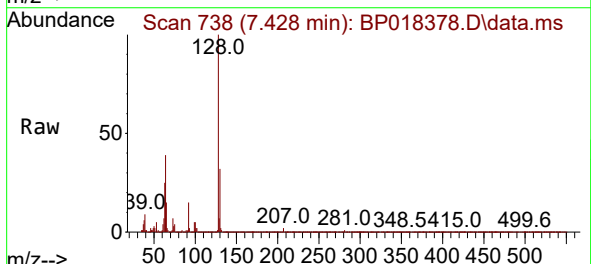
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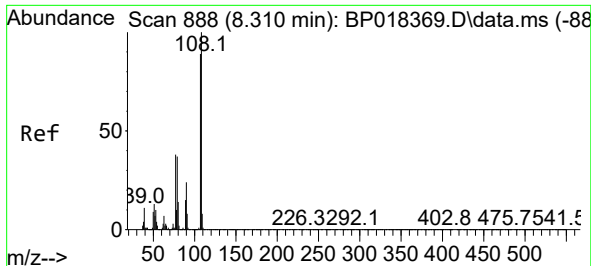
Tgt Ion: 93 Resp: 920674
Ion Ratio Lower Upper
93 100
63 69.1 58.2 87.4
95 33.0 25.6 38.4



#12
2-Chlorophenol
Concen: 18.022 ng/ul
RT: 7.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BP018378.D
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Tgt Ion:128 Resp: 718926
Ion Ratio Lower Upper
128 100
64 38.8 34.8 52.2
130 32.3 25.5 38.3

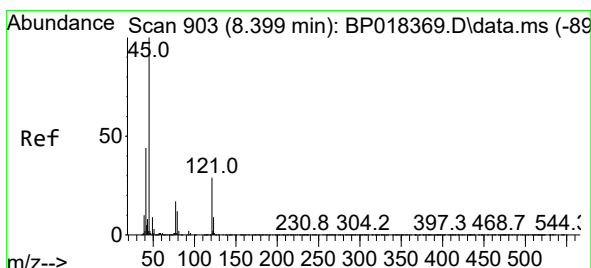
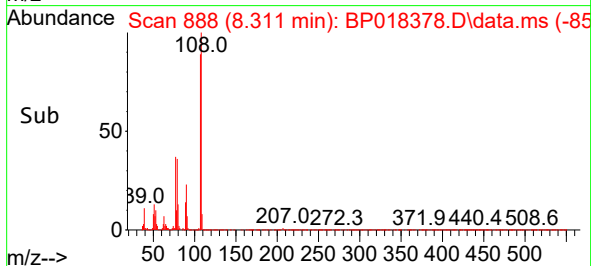
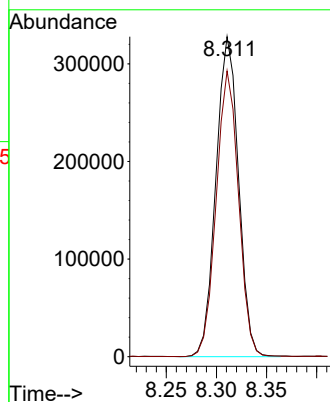
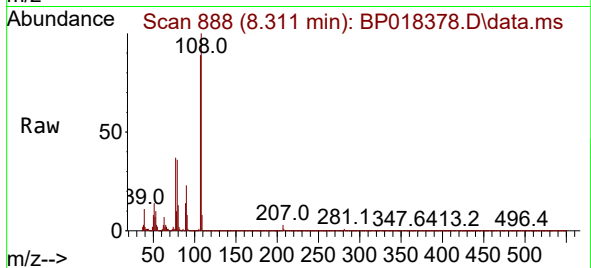




#13
2-Methylphenol
Concen: 14.175 ng/ul
RT: 8.311 min Scan# 888
Delta R.T. 0.000 min
Lab File: BP018378.D
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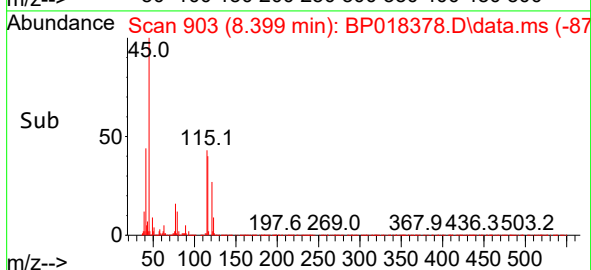
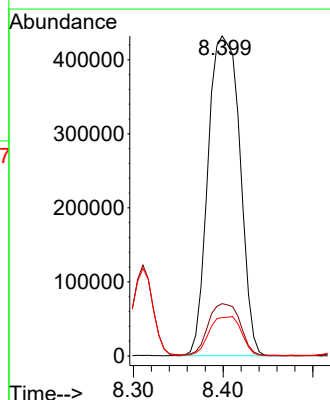
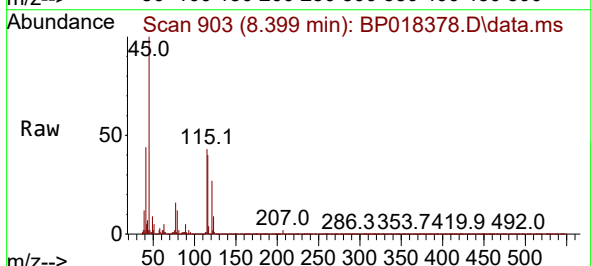
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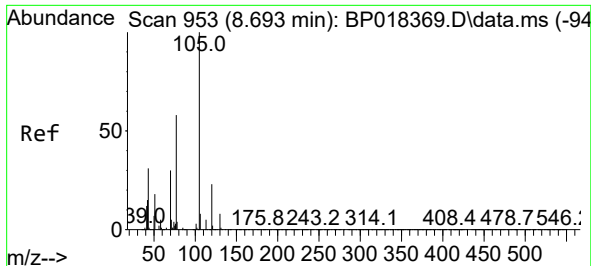
Tgt Ion:108 Resp: 512907
Ion Ratio Lower Upper
108 100
107 89.3 70.9 106.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.297 ng/ul
RT: 8.399 min Scan# 903
Delta R.T. -0.006 min
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Tgt Ion: 45 Resp: 1061425
Ion Ratio Lower Upper
45 100
77 16.4 11.4 17.2
79 12.0 8.4 12.6

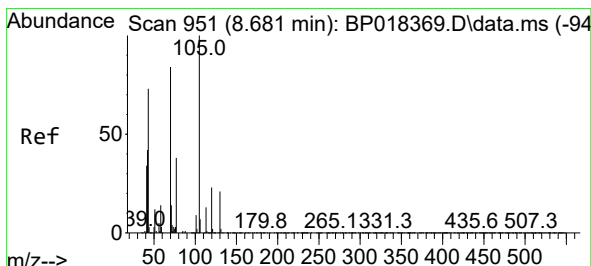
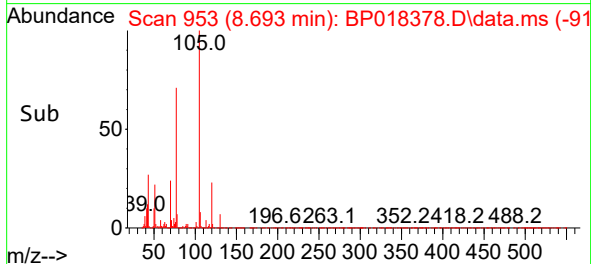
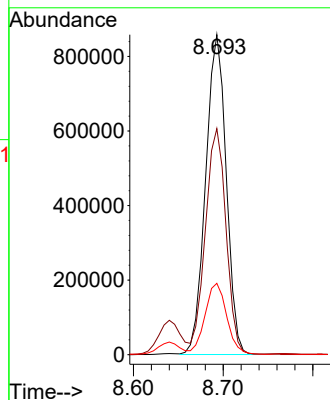
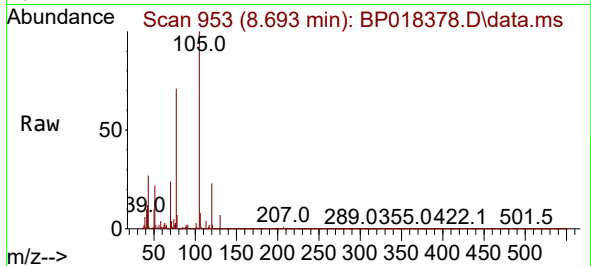




#16
Acetophenone
Concen: 23.369 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

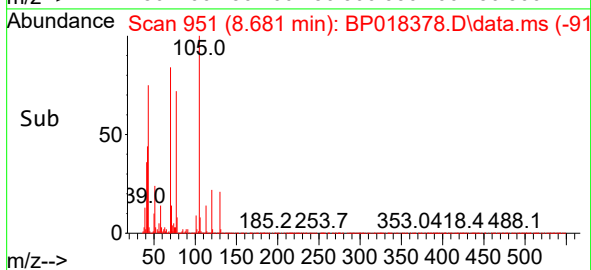
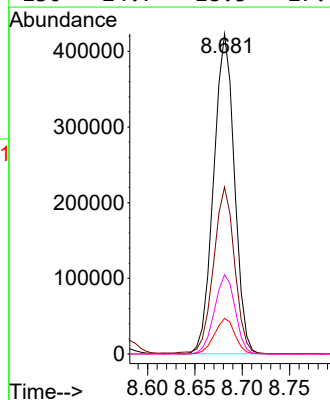
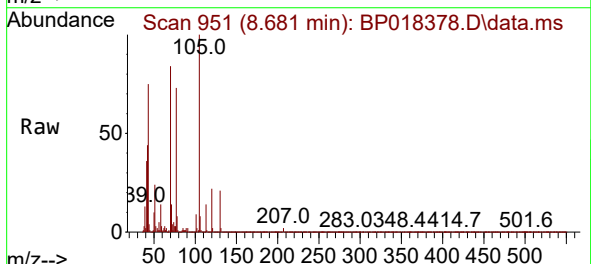
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

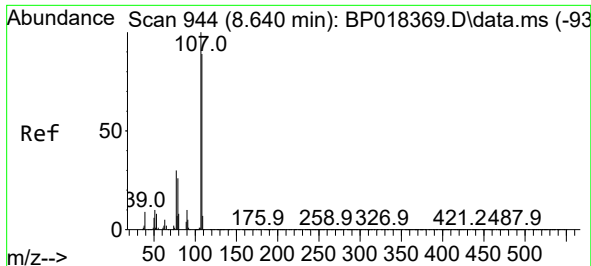
Tgt Ion:105 Resp: 1366680
Ion Ratio Lower Upper
105 100
77 70.7 59.5 89.3
51 22.3 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 19.774 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion: 70 Resp: 646002
Ion Ratio Lower Upper
70 100
42 52.1 46.8 70.2
101 11.1 8.4 12.6
130 24.7 18.5 27.7

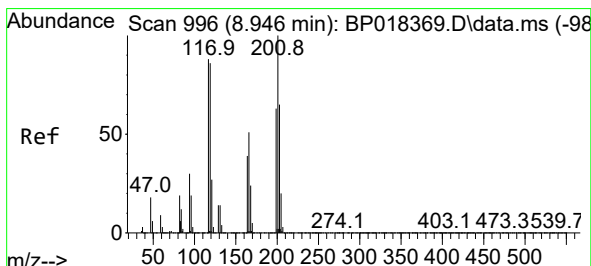
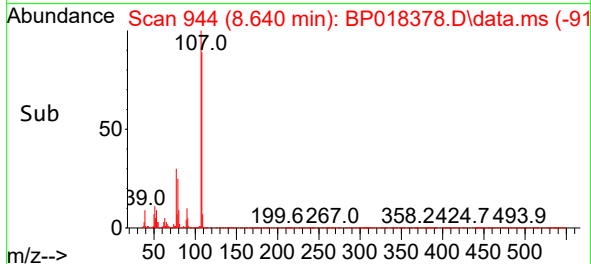
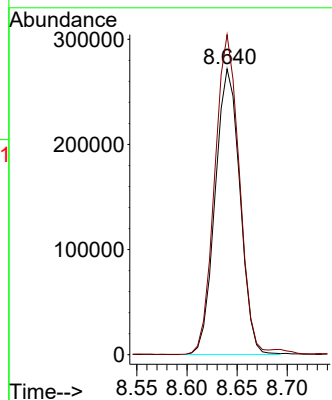
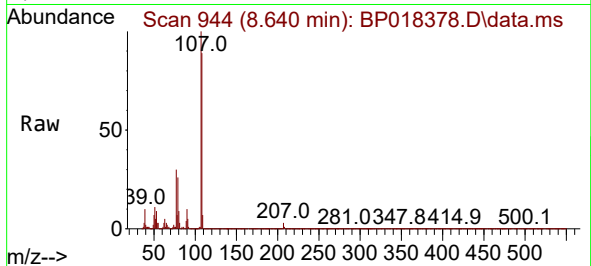




#18
4-Methylphenol
Concen: 12.090 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

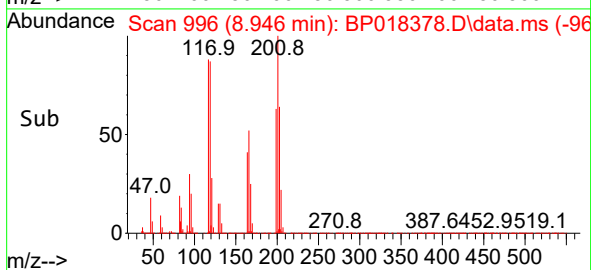
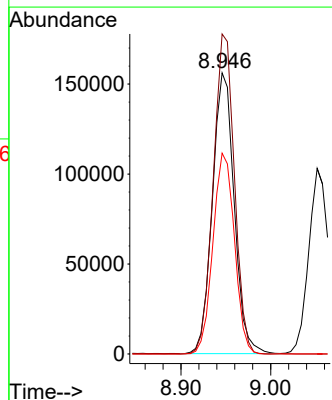
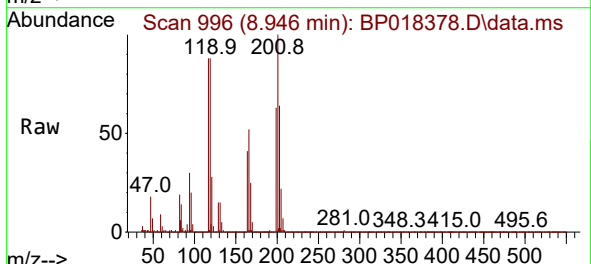
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

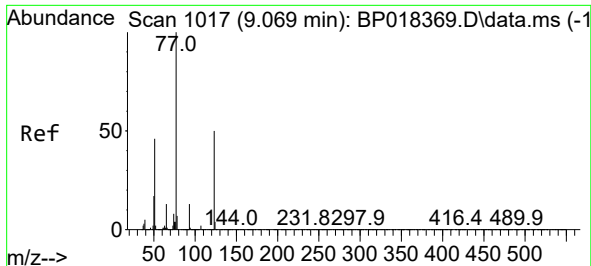
Tgt Ion:108 Resp: 467154
Ion Ratio Lower Upper
108 100
107 112.0 89.5 134.3



#19
Hexachloroethane
Concen: 15.798 ng/ul
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:117 Resp: 263184
Ion Ratio Lower Upper
117 100
201 113.8 85.6 128.4
199 71.4 54.2 81.4

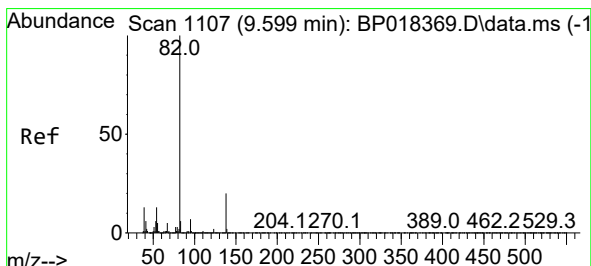
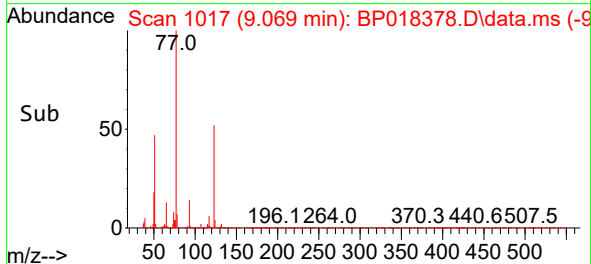
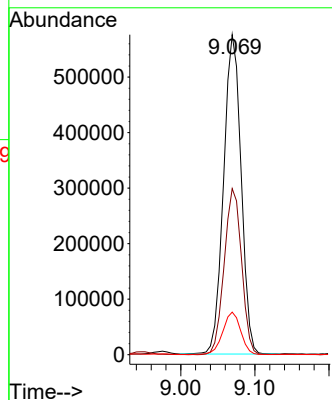
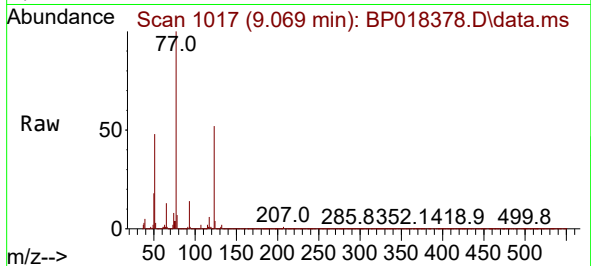




#22
Nitrobenzene
Concen: 25.139 ng/ul
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

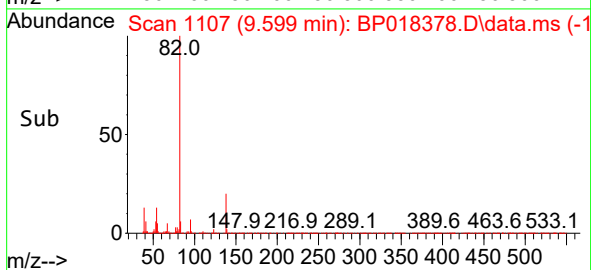
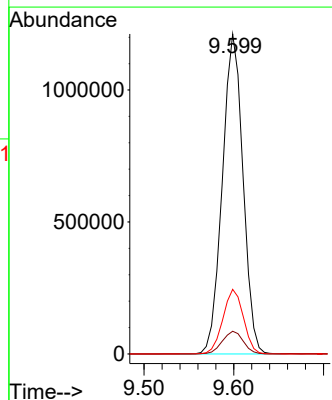
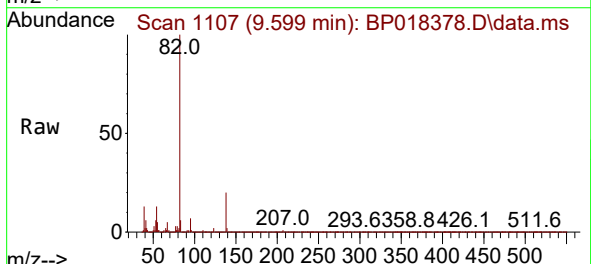
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

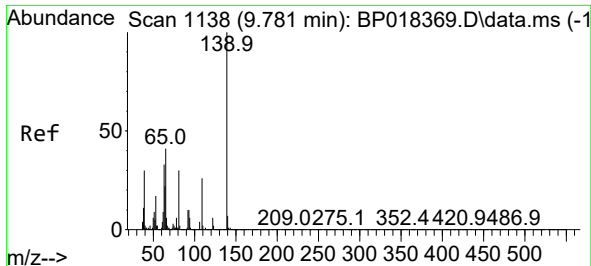
Tgt Ion: 77 Resp: 942788
Ion Ratio Lower Upper
77 100
123 51.9 37.7 56.5
65 13.3 10.5 15.7



#23
Isophorone
Concen: 23.149 ng/ul
RT: 9.599 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion: 82 Resp: 1935022
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 20.2 14.9 22.3

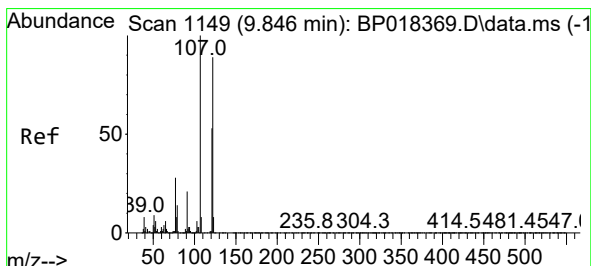
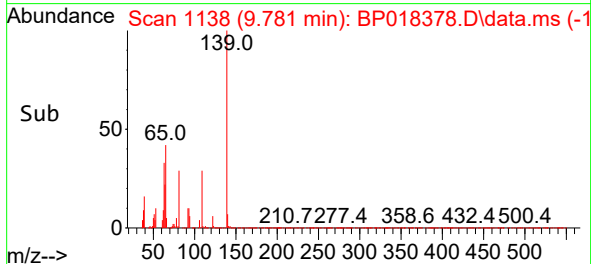
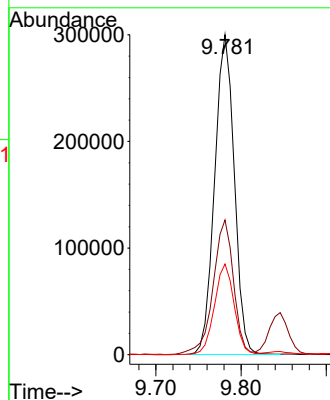
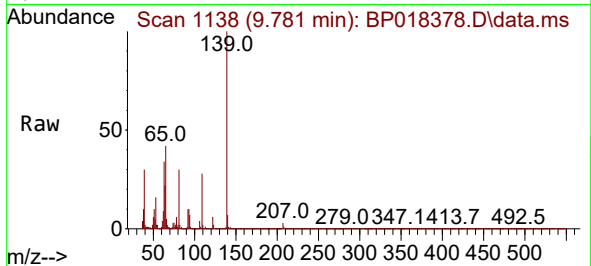




#25
2-Nitrophenol
Concen: 28.831 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

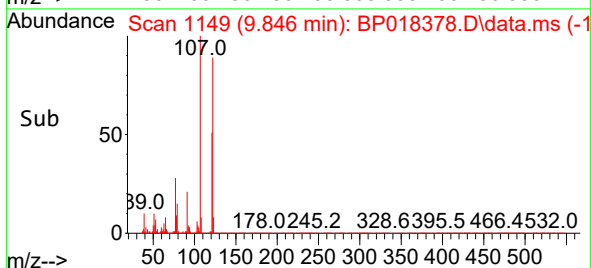
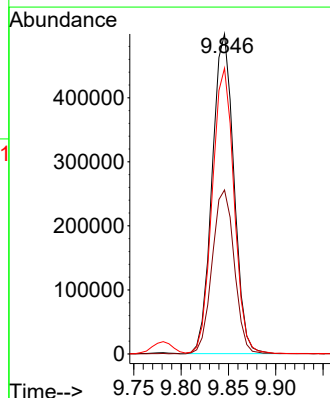
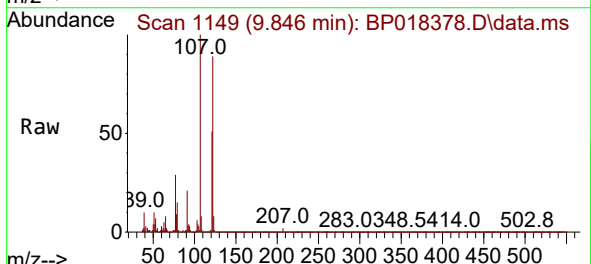
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

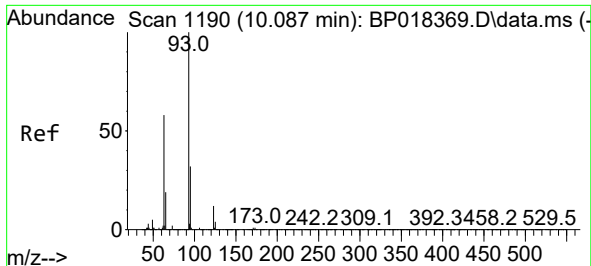
Tgt Ion:139 Resp: 479573
Ion Ratio Lower Upper
139 100
65 42.1 38.3 57.5
109 28.4 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 21.288 ng/ul
RT: 9.846 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:107 Resp: 795035
Ion Ratio Lower Upper
107 100
121 51.2 40.0 60.0
122 89.3 70.4 105.6

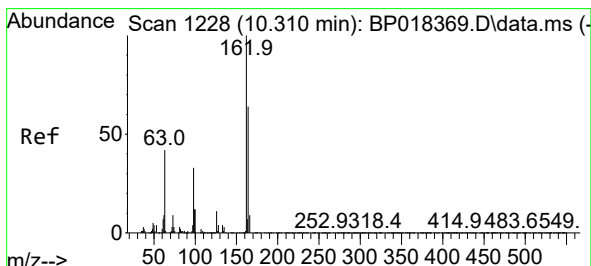
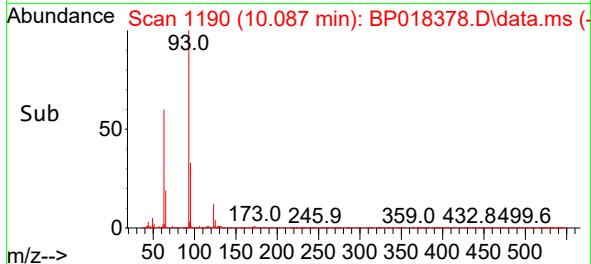
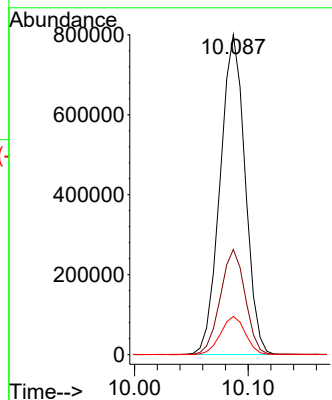
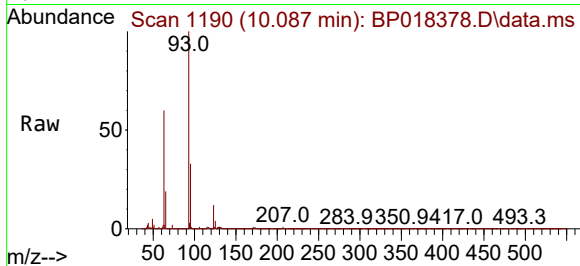




#27
 Bis(2-Chloroethoxy)methane
 Concen: 24.180 ng/ul
 RT: 10.087 min Scan# 1190
 Delta R.T. 0.000 min
 Lab File: BP018378.D
 Acq: 25 Nov 2023 20:58

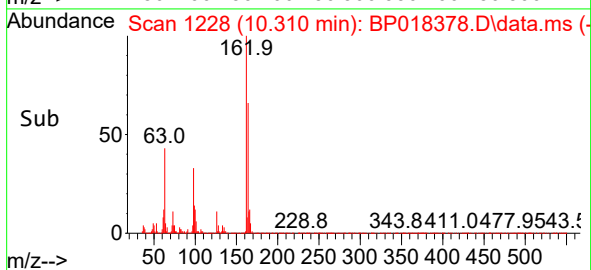
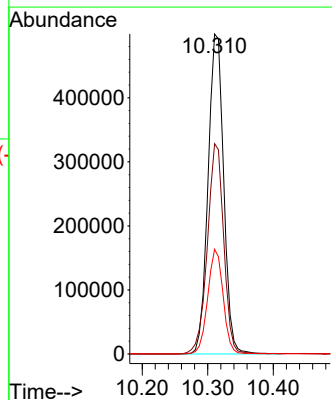
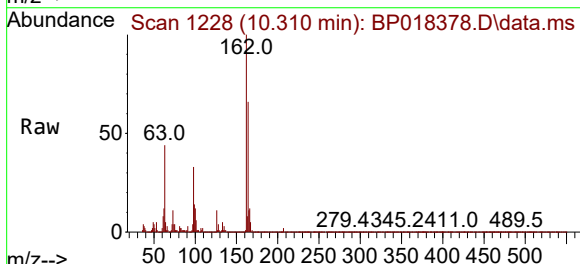
Instrument :
 BNA_P
 ClientSampleId :
 DCKB9MS

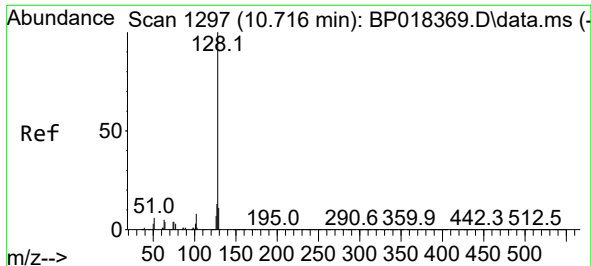
Tgt Ion: 93 Resp: 1220647
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 12.0 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 24.319 ng/ul
 RT: 10.310 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: BP018378.D
 Acq: 25 Nov 2023 20:58

Tgt Ion:162 Resp: 830872
 Ion Ratio Lower Upper
 162 100
 164 65.7 53.0 79.6
 98 32.7 27.7 41.5

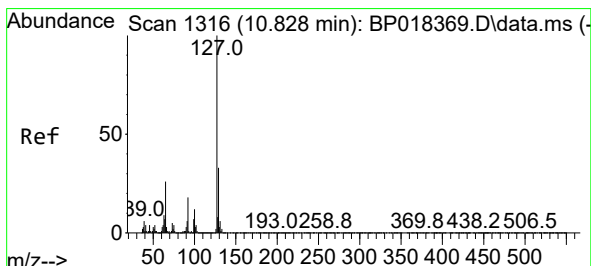
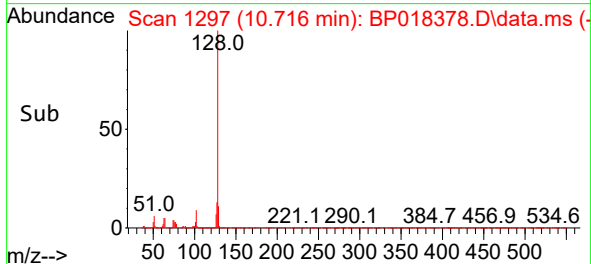
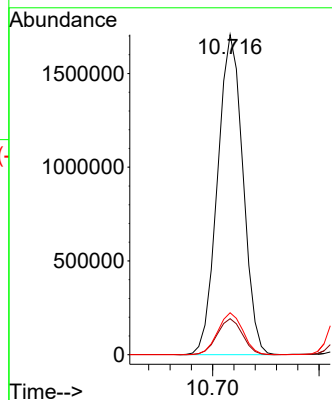
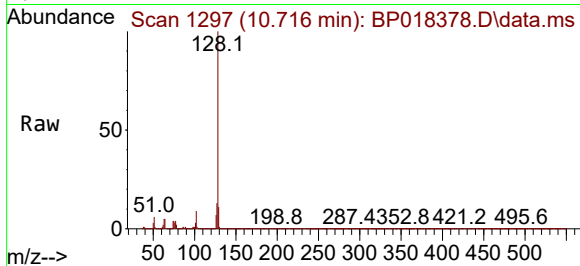




#30
Naphthalene
Concen: 23.717 ng/ul
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

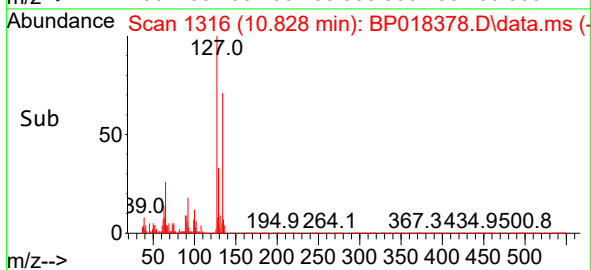
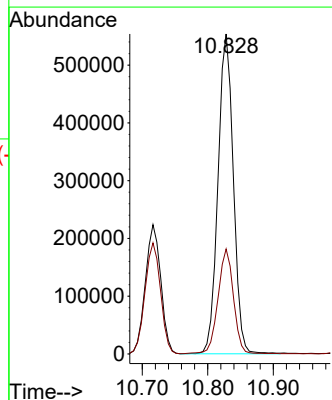
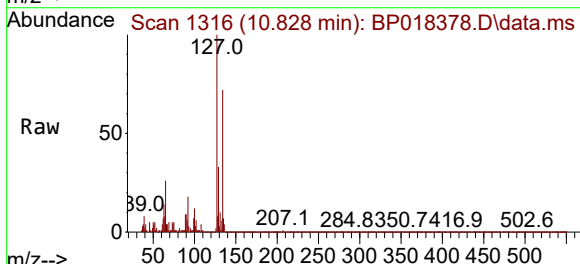
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

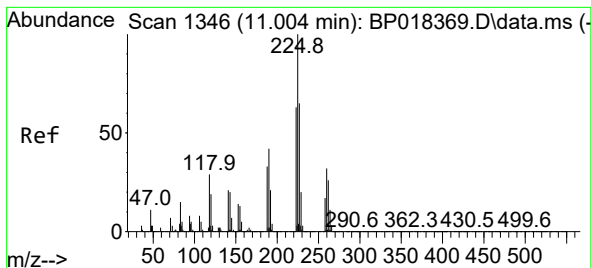
Tgt Ion:128 Resp: 2827115
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 19.753 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:127 Resp: 896675
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.8





#33

Hexachlorobutadiene

Concen: 22.684 ng/ul

RT: 11.005 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

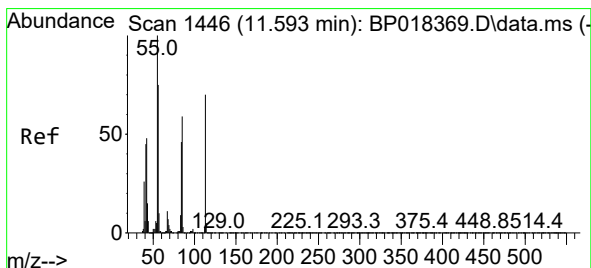
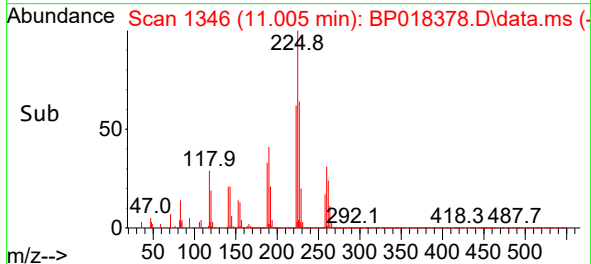
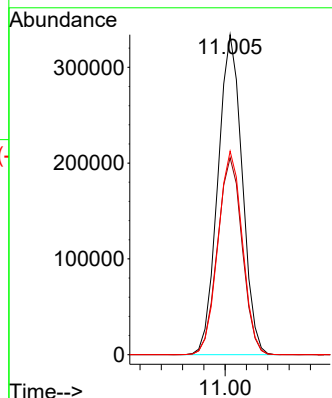
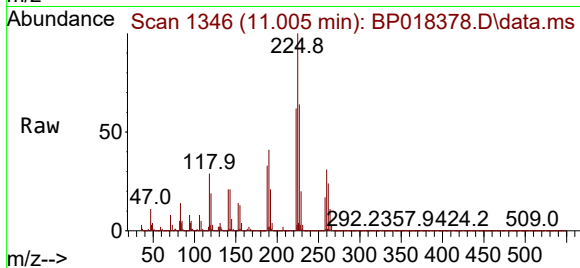
Tgt Ion:225 Resp: 528587

Ion Ratio Lower Upper

225 100

223 61.5 50.2 75.4

227 63.6 50.4 75.6



#34

Caprolactam

Concen: 3.320 ng/ul

RT: 11.605 min Scan# 1448

Delta R.T. 0.018 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

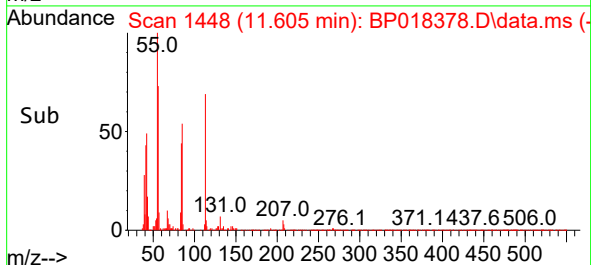
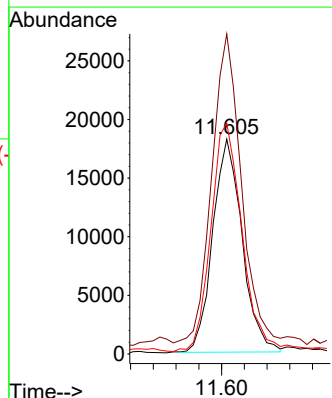
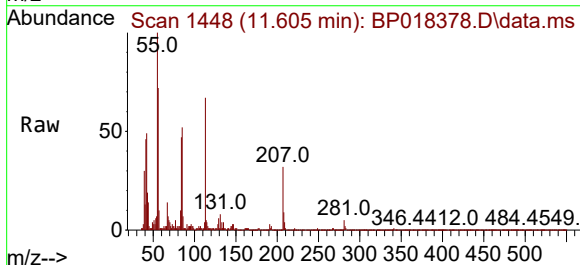
Tgt Ion:113 Resp: 32687

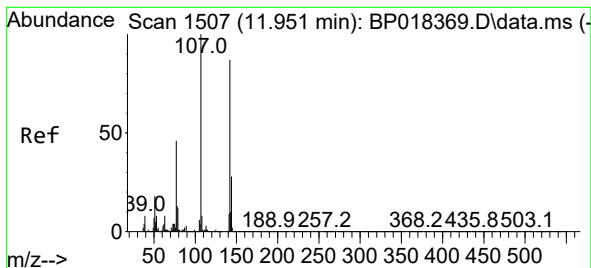
Ion Ratio Lower Upper

113 100

55 148.9 129.0 193.4

56 107.5 94.8 142.2

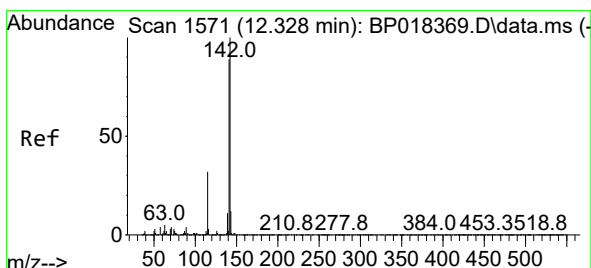
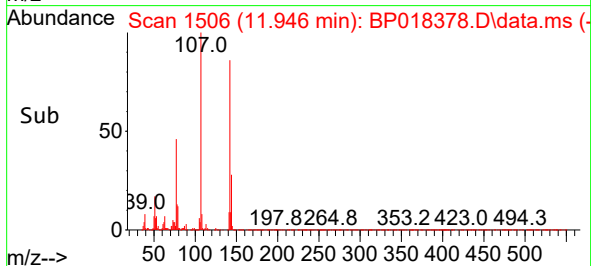
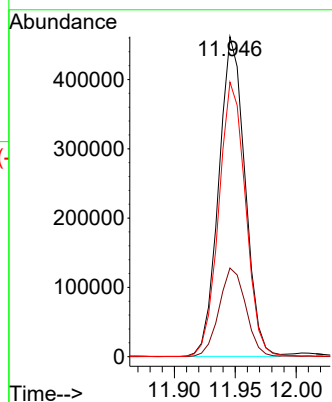
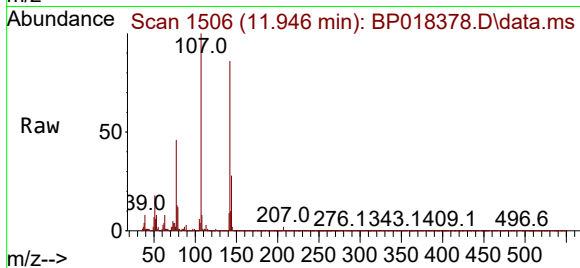




#35
4-Chloro-3-methylphenol
Concen: 18.998 ng/ul
RT: 11.946 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

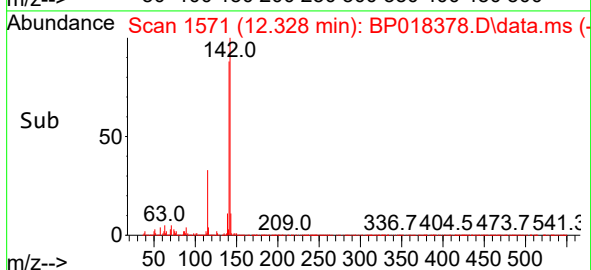
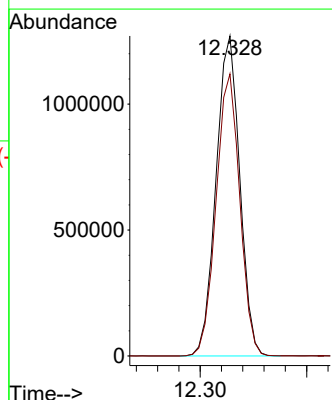
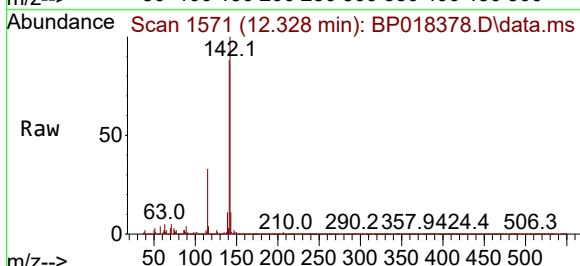
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

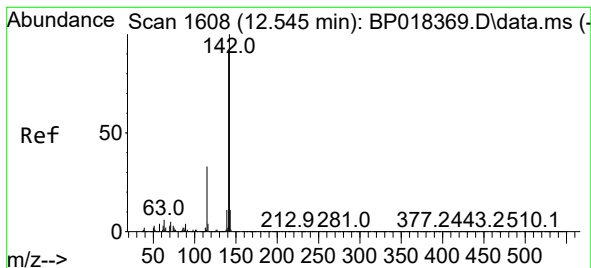
Tgt Ion:107 Resp: 694000
Ion Ratio Lower Upper
107 100
144 27.7 21.6 32.4
142 85.8 65.4 98.0



#36
2-Methylnaphthalene
Concen: 23.245 ng/ul
RT: 12.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:142 Resp: 1961037
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.4





#37

1-Methylnaphthalene

Concen: 23.346 ng/ul

RT: 12.546 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

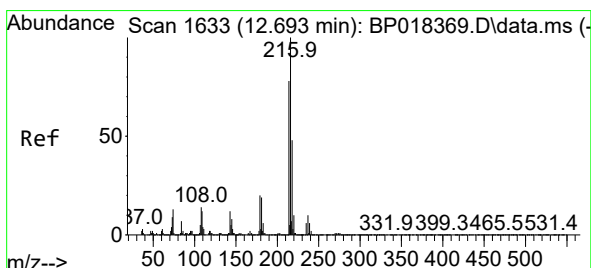
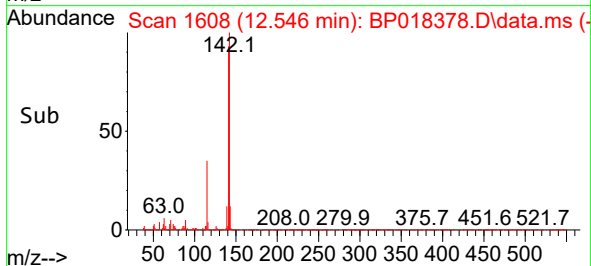
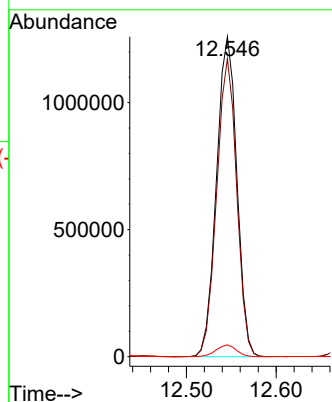
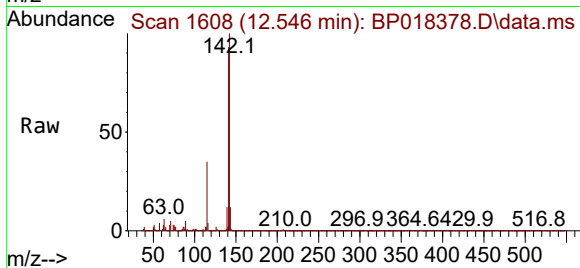
Tgt Ion:142 Resp: 1982493

Ion Ratio Lower Upper

142 100

141 93.1 73.9 110.9

116 3.7 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.410 ng/ul

RT: 12.693 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Tgt Ion:216 Resp: 1127771

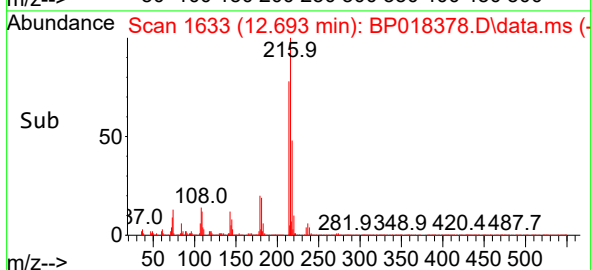
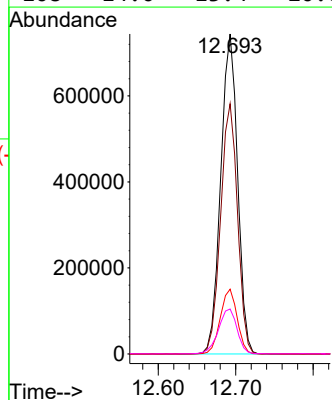
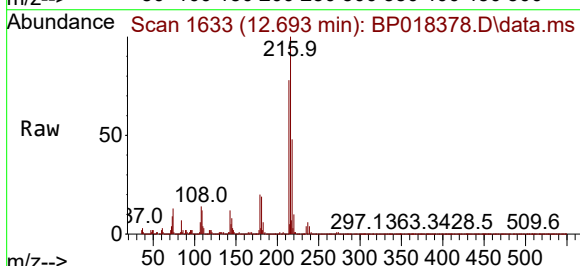
Ion Ratio Lower Upper

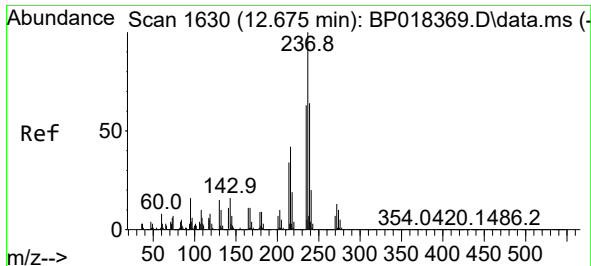
216 100

214 78.2 63.3 94.9

179 20.3 17.3 25.9

108 14.0 13.4 20.0

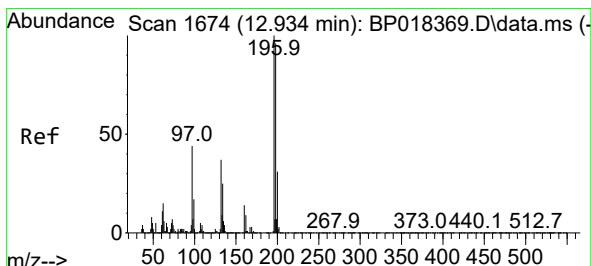
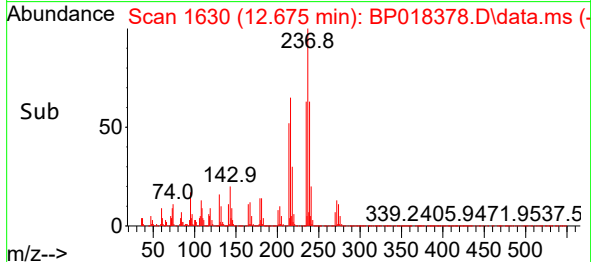
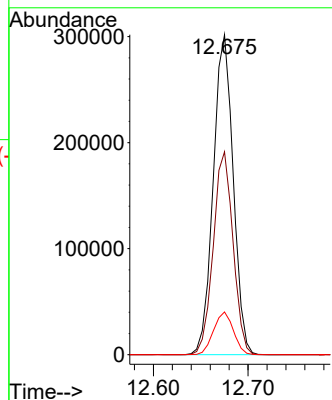
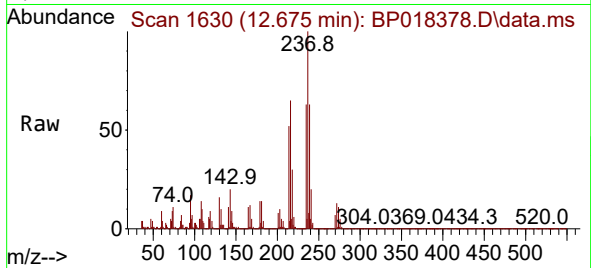




#40
Hexachlorocyclopentadiene
Concen: 20.994 ng/ul
RT: 12.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

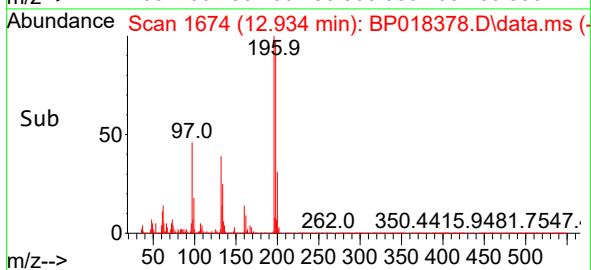
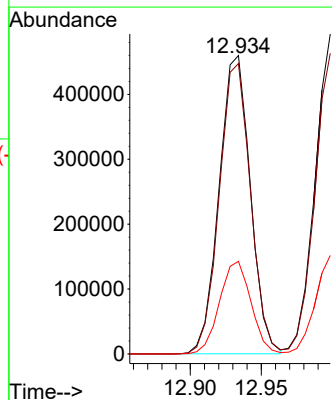
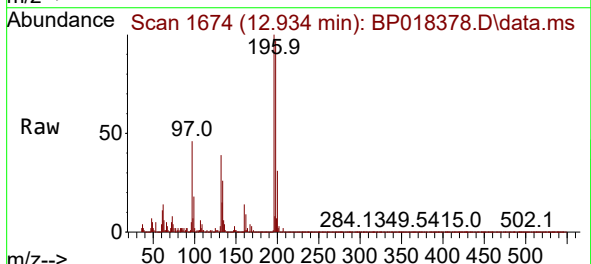
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

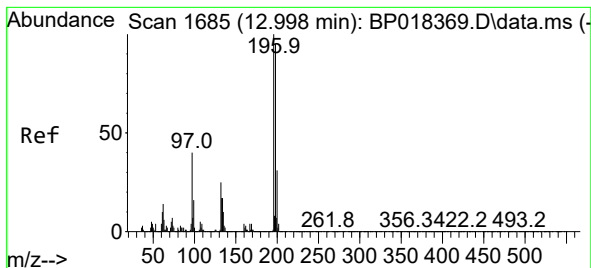
Tgt Ion:237 Resp: 440973
Ion Ratio Lower Upper
237 100
235 63.4 50.7 76.1
272 13.3 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 31.582 ng/ul
RT: 12.934 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:196 Resp: 703383
Ion Ratio Lower Upper
196 100
198 97.3 78.0 117.0
200 31.0 24.6 37.0





#42

2,4,5-Trichlorophenol

Concen: 30.276 ng/ul

RT: 12.999 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

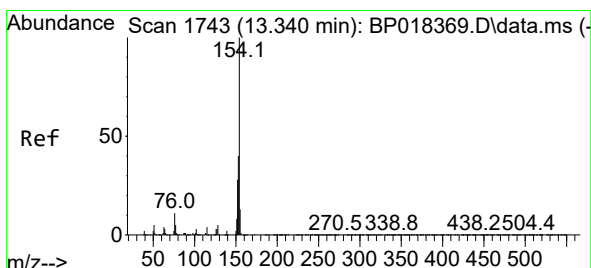
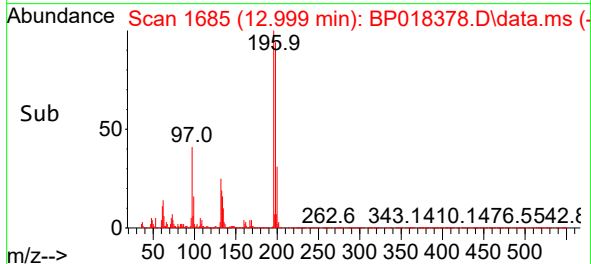
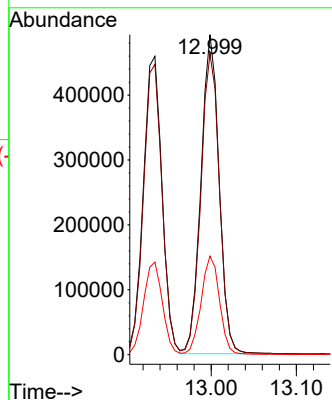
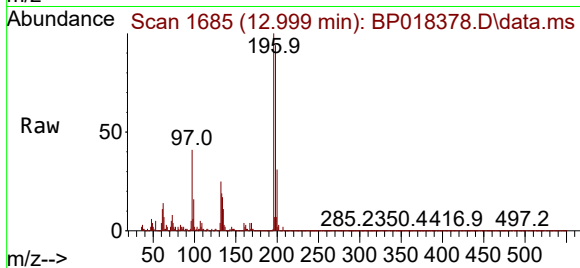
Tgt Ion:196 Resp: 729146

Ion Ratio Lower Upper

196 100

198 94.0 76.7 115.1

200 30.8 24.6 36.8



#43

1,1'-Biphenyl

Concen: 28.547 ng/ul

RT: 13.340 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

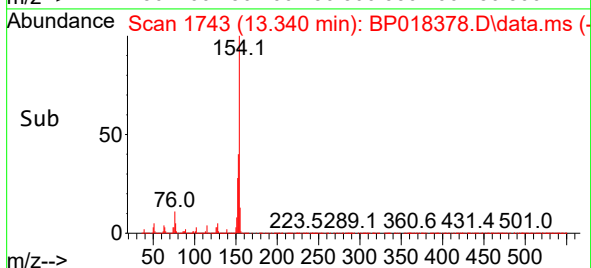
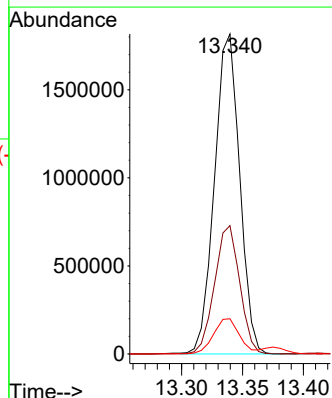
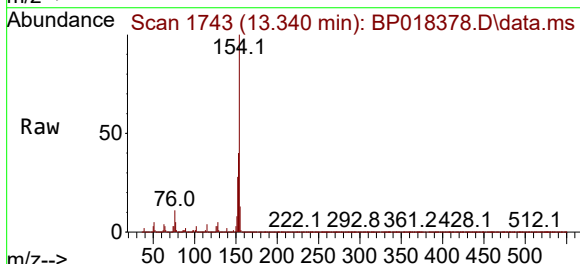
Tgt Ion:154 Resp: 2611749

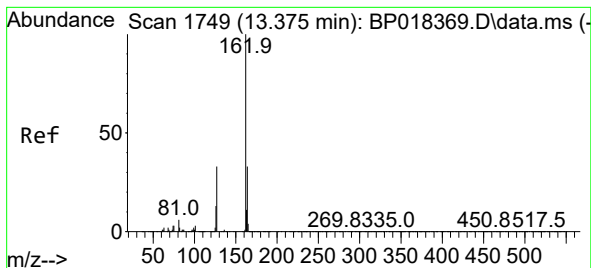
Ion Ratio Lower Upper

154 100

153 40.1 32.2 48.2

76 11.0 9.9 14.9

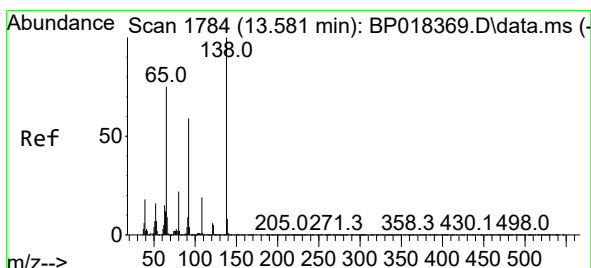
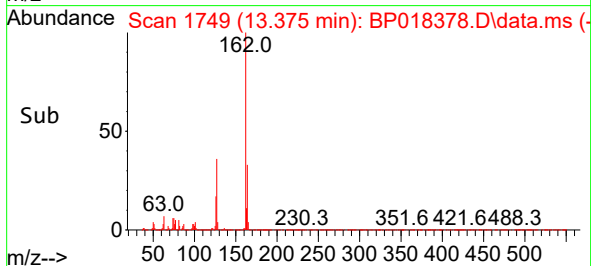
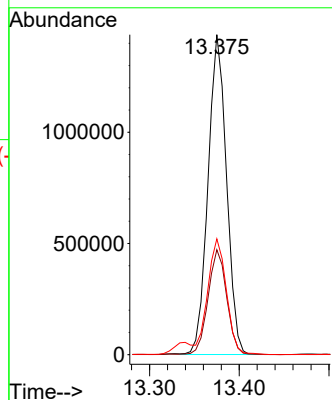
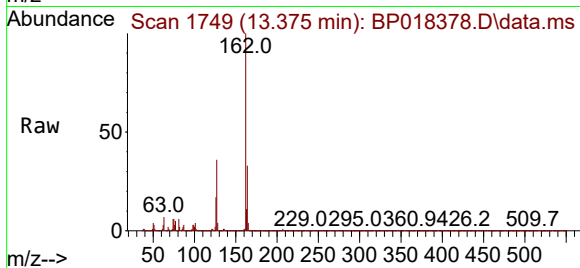




#44
2-Chloronaphthalene
Concen: 28.399 ng/ul
RT: 13.375 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

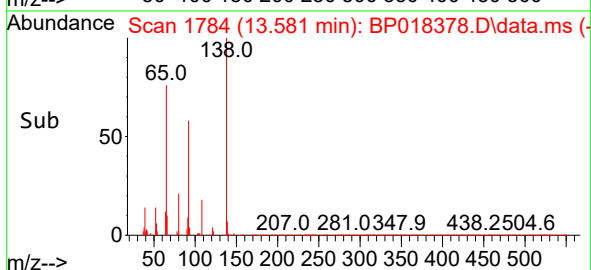
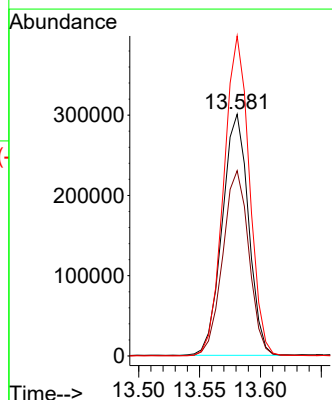
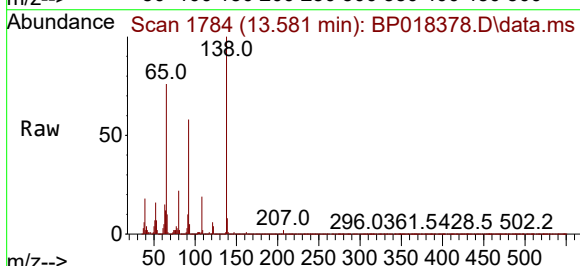
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

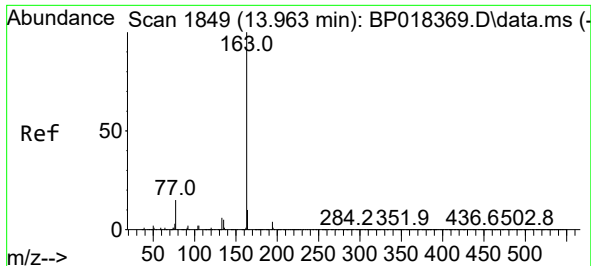
Tgt Ion:162 Resp: 2056397
Ion Ratio Lower Upper
162 100
164 32.8 26.2 39.4
127 36.2 30.6 45.8



#45
2-Nitroaniline
Concen: 28.980 ng/ul
RT: 13.581 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion: 65 Resp: 451526
Ion Ratio Lower Upper
65 100
92 76.6 57.4 86.2
138 132.4 90.6 136.0

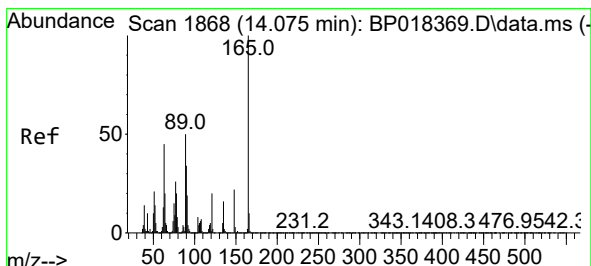
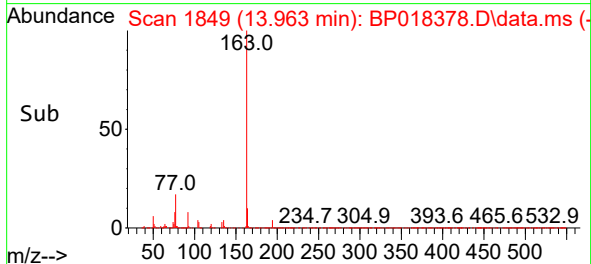
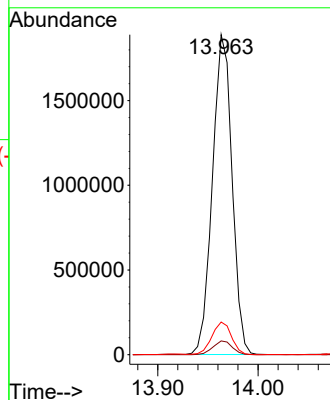
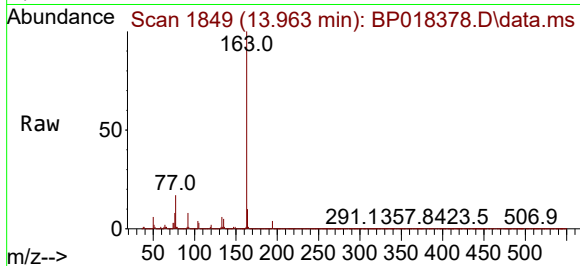




#47
Dimethylphthalate
Concen: 28.095 ng/ul
RT: 13.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

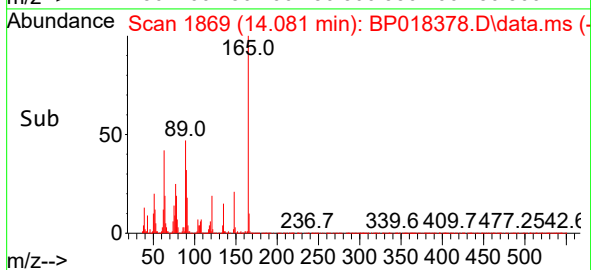
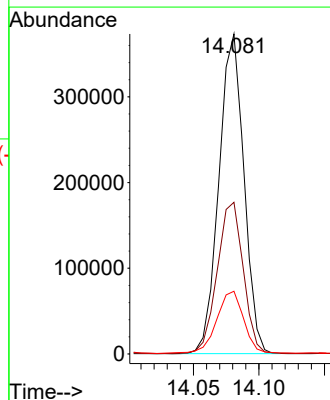
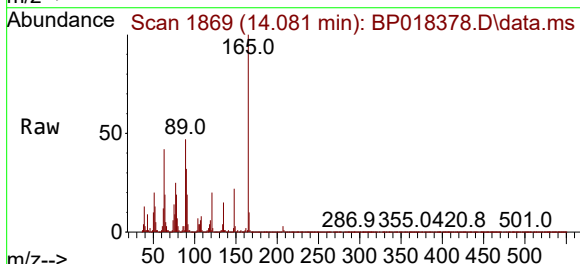
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

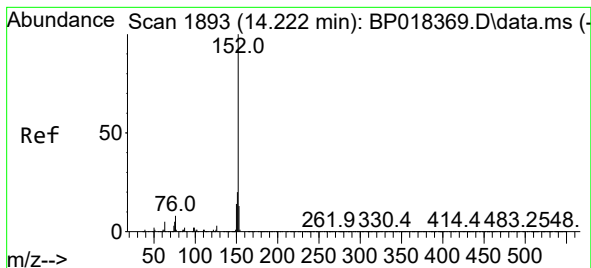
Tgt Ion:163 Resp: 2568444
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 32.053 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:165 Resp: 494033
Ion Ratio Lower Upper
165 100
89 47.4 45.8 68.6
121 19.6 17.8 26.8





#50

Acenaphthylene

Concen: 27.617 ng/ul

RT: 14.222 min Scan# 1893

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNP_P

ClientSampleId :

DCKB9MS

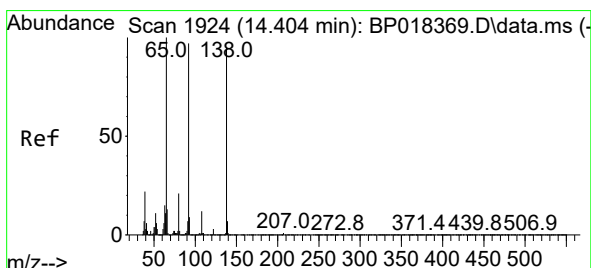
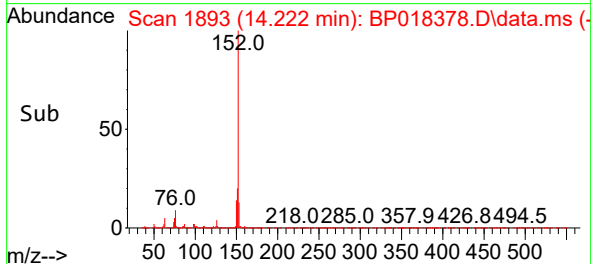
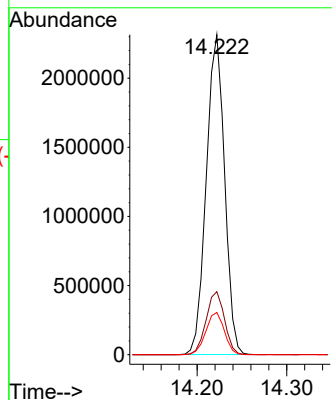
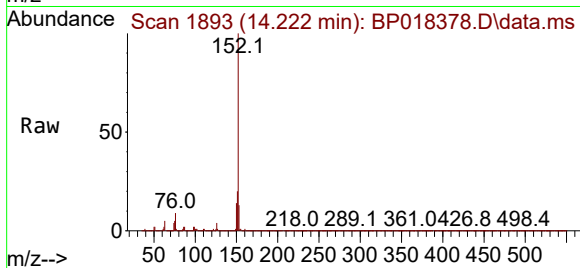
Tgt Ion:152 Resp: 3277289

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.2 10.8 16.2



#51

3-Nitroaniline

Concen: 26.481 ng/ul

RT: 14.404 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

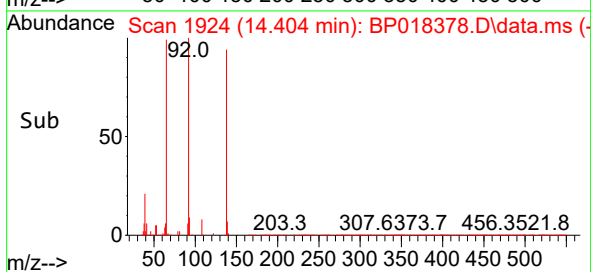
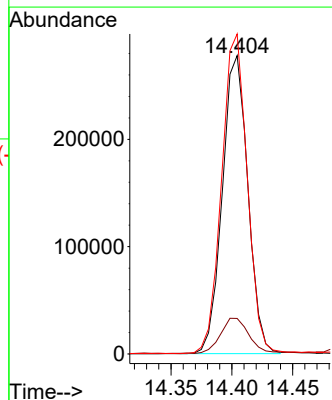
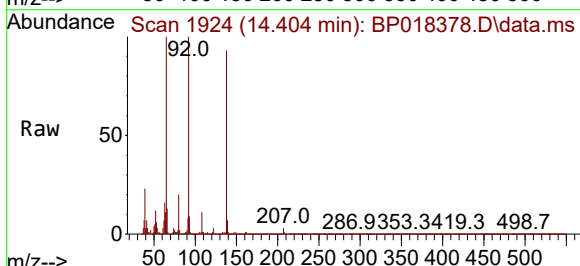
Tgt Ion:138 Resp: 405525

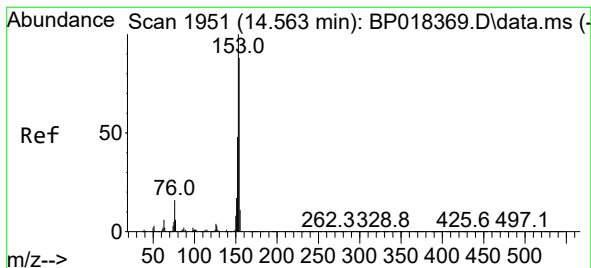
Ion Ratio Lower Upper

138 100

108 11.9 13.2 19.8#

92 107.2 90.2 135.4





#52

Acenaphthene

Concen: 52.685 ng/ul

RT: 14.563 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

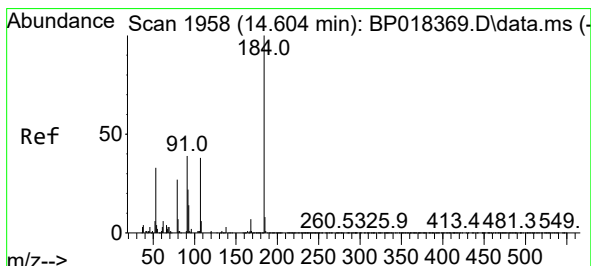
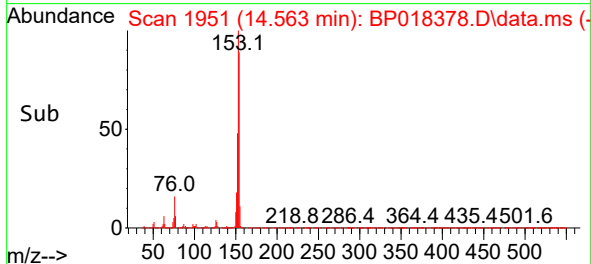
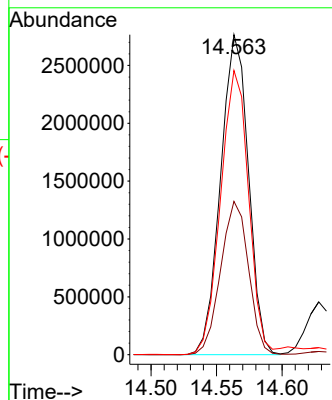
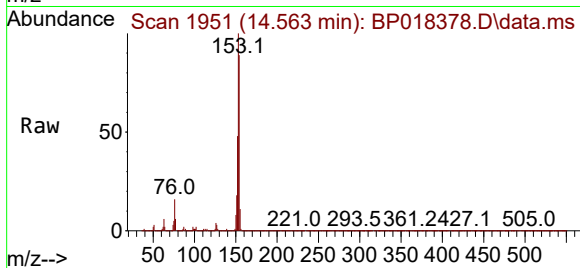
Tgt Ion:153 Resp: 4084279

Ion Ratio Lower Upper

153 100

152 47.9 37.8 56.8

154 88.8 71.2 106.8



#53

2,4-Dinitrophenol

Concen: 27.647 ng/ul

RT: 14.604 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

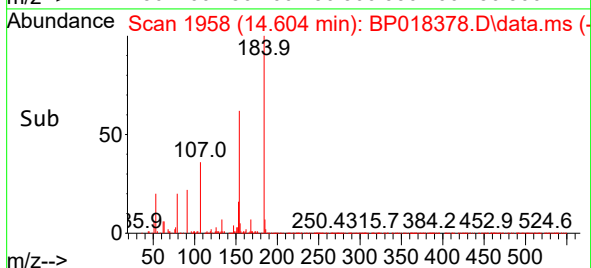
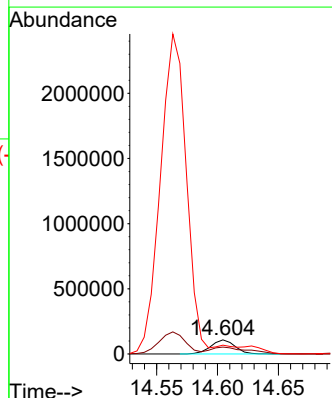
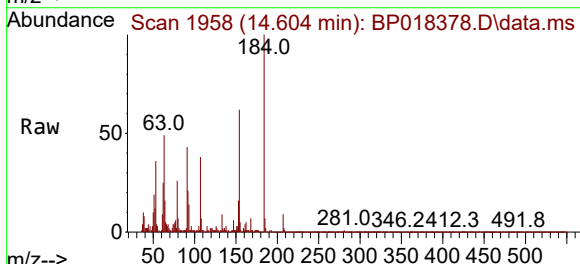
Tgt Ion:184 Resp: 148667

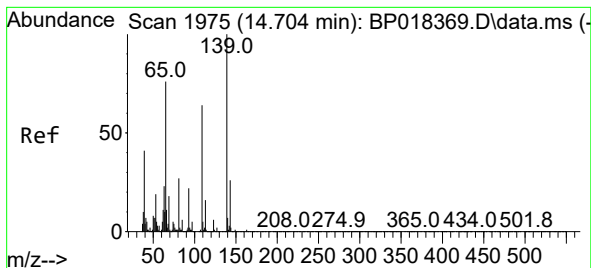
Ion Ratio Lower Upper

184 100

63 49.2 41.8 62.6

154 62.5 47.3 70.9

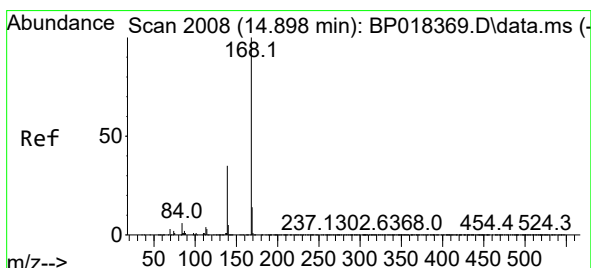
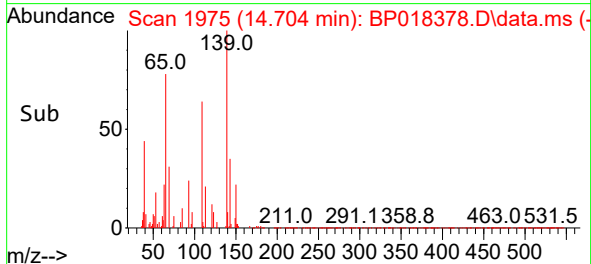
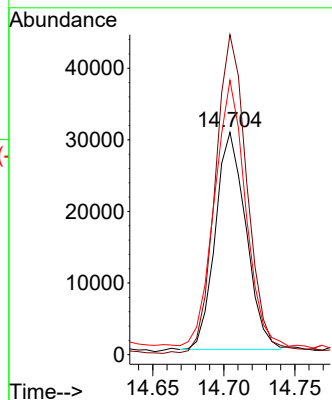
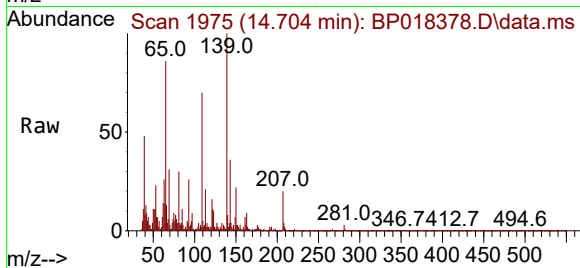




#55
4-Nitrophenol
Concen: 4.759 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

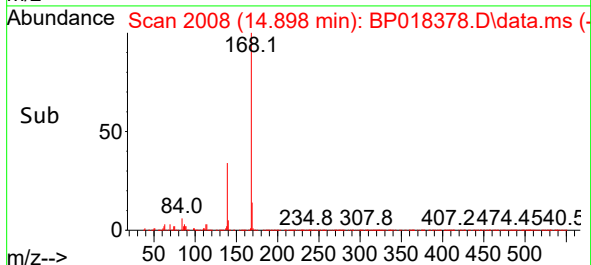
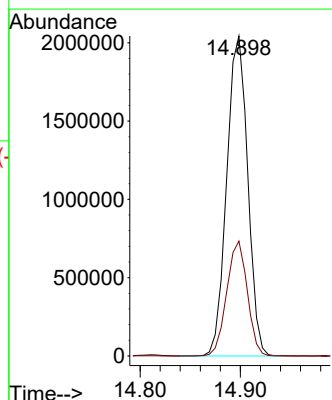
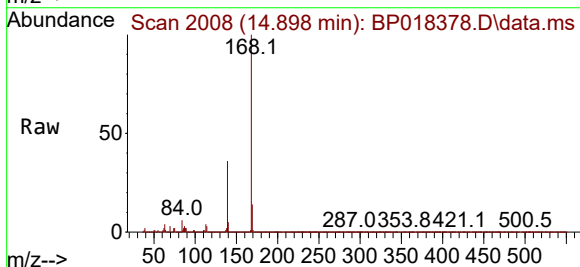
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

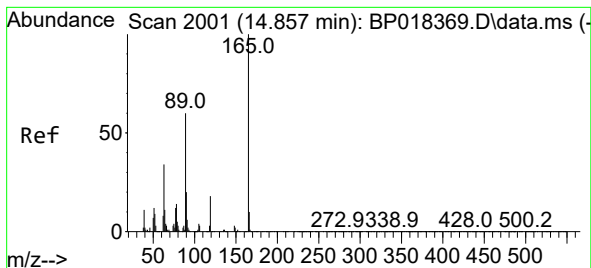
Tgt Ion:109 Resp: 45479
Ion Ratio Lower Upper
109 100
139 143.8 113.0 169.4
65 123.4 99.6 149.4



#56
Dibenzofuran
Concen: 28.026 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:168 Resp: 2970244
Ion Ratio Lower Upper
168 100
139 35.9 29.0 43.4

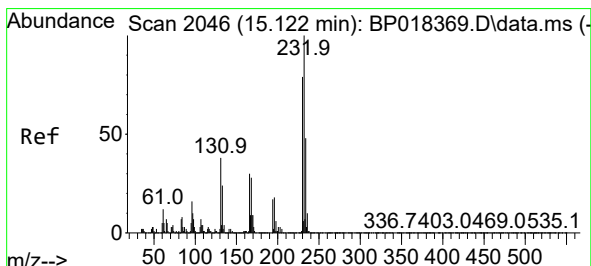
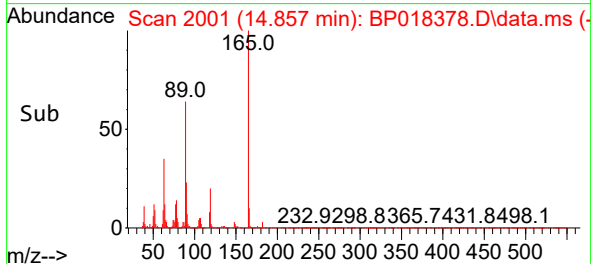
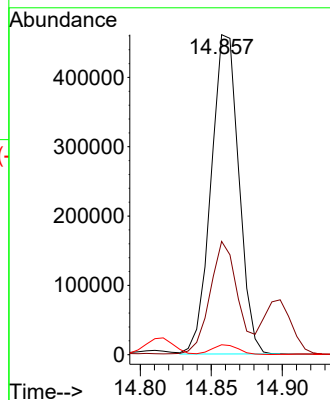
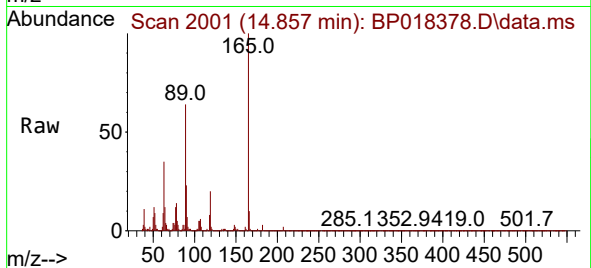




#57
2,4-Dinitrotoluene
Concen: 30.071 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

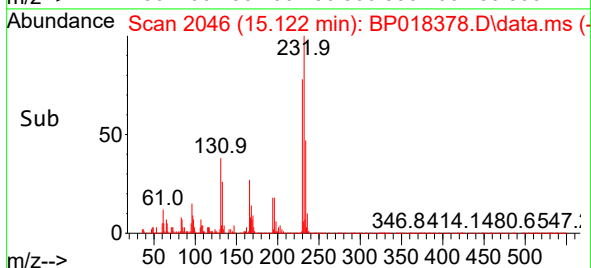
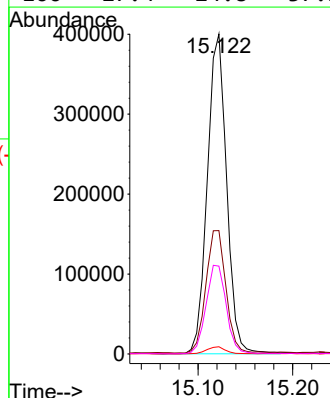
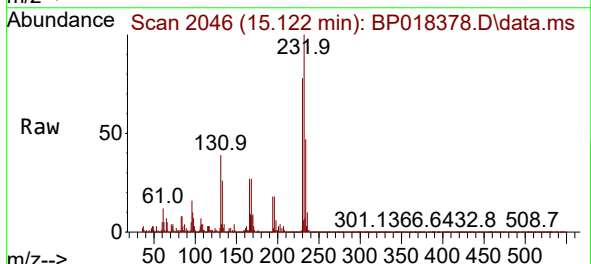
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

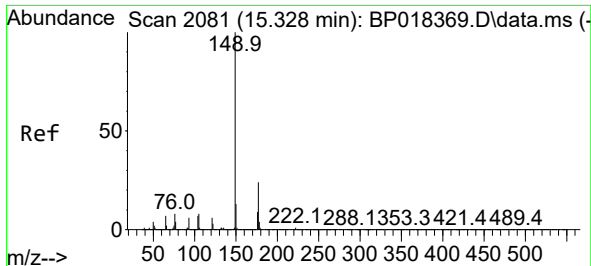
Tgt Ion:165 Resp: 626338
Ion Ratio Lower Upper
165 100
63 35.4 32.1 48.1
182 3.1 2.0 3.0#



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.992 ng/ul
RT: 15.122 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:232 Resp: 567252
Ion Ratio Lower Upper
232 100
131 38.6 34.1 51.1
130 2.3 1.8 2.6
166 27.4 24.8 37.2

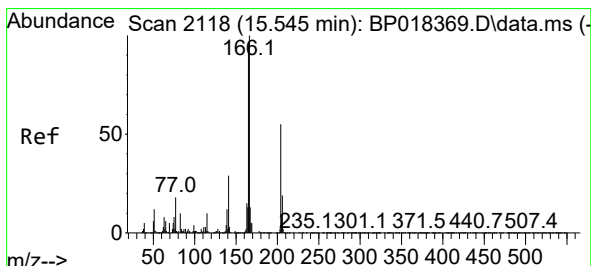
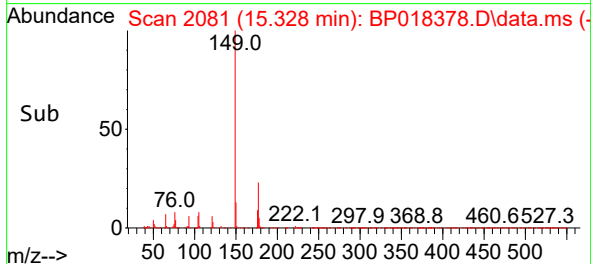
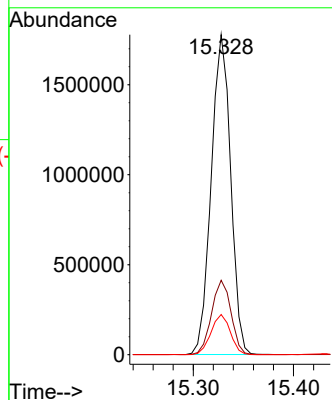
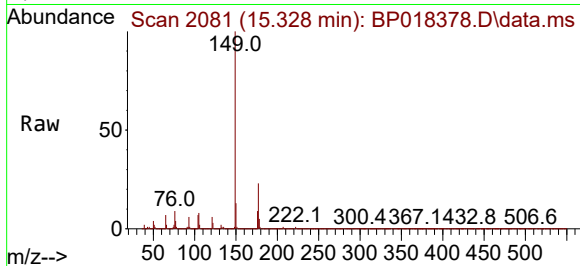




#59
Diethylphthalate
Concen: 26.099 ng/ul
RT: 15.328 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

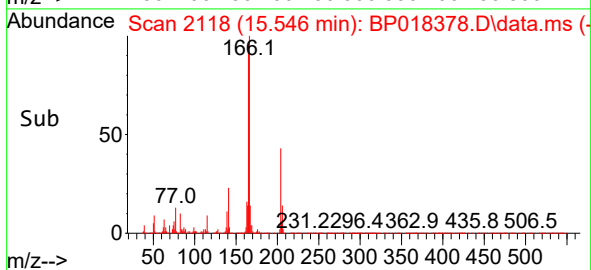
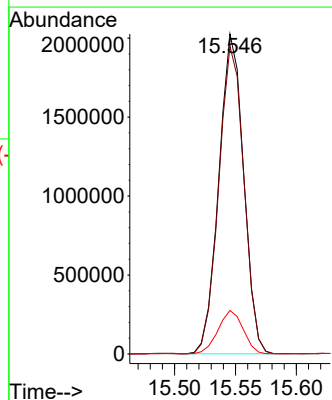
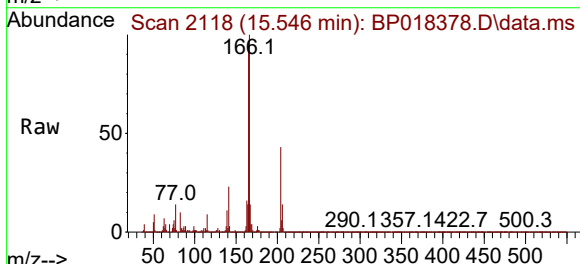
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

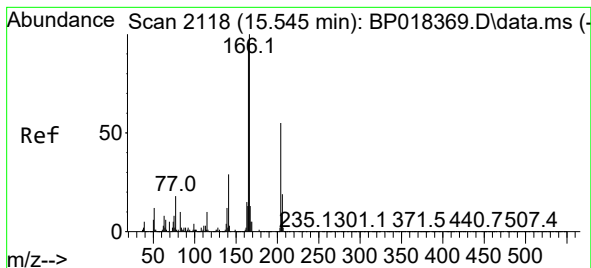
Tgt Ion:149 Resp: 2396756
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.6 10.2 15.2



#61
Fluorene
Concen: 33.207 ng/ul
RT: 15.546 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:166 Resp: 2870071
Ion Ratio Lower Upper
166 100
165 96.2 77.5 116.3
167 13.6 10.6 16.0

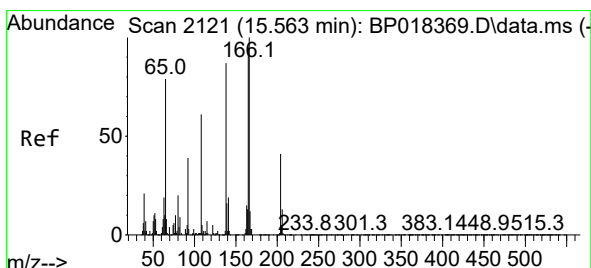
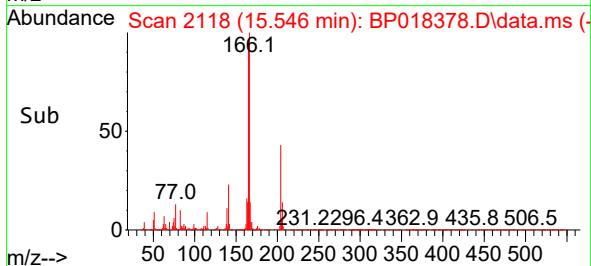
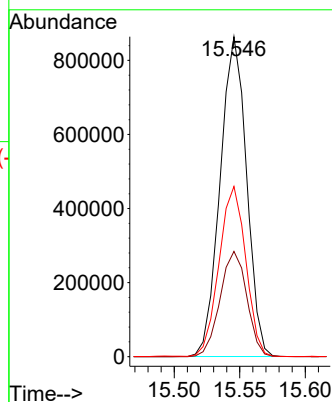
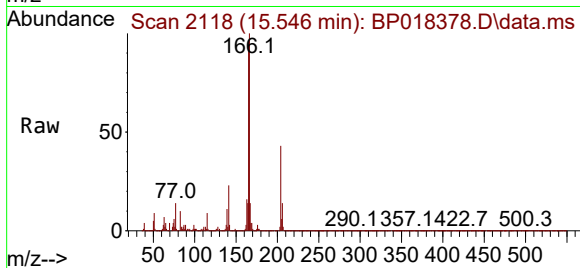




#62
4-Chlorophenyl-phenylether
Concen: 27.599 ng/ul
RT: 15.546 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

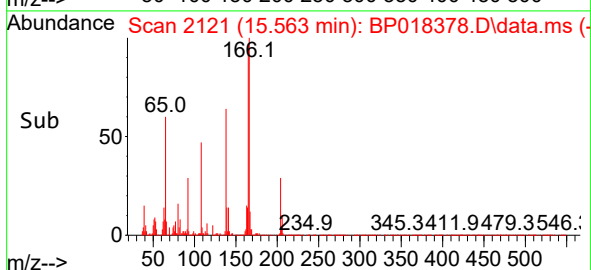
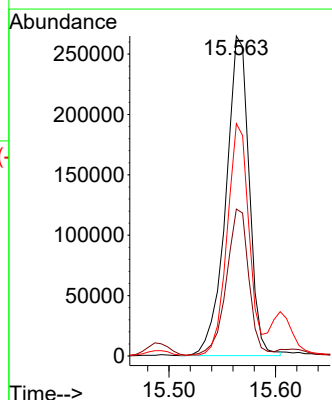
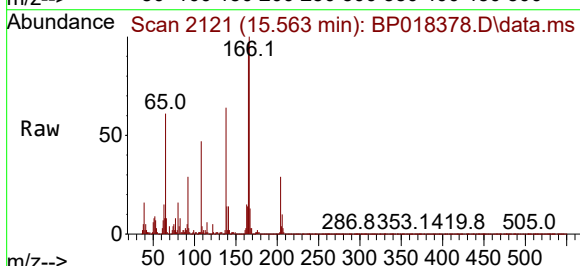
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

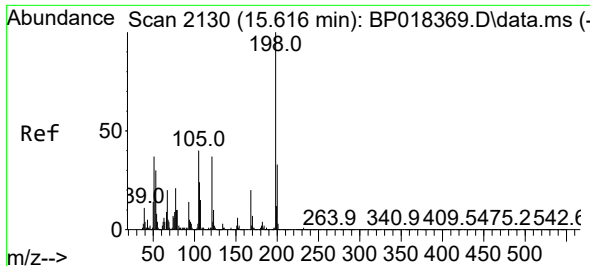
Tgt Ion:204 Resp: 1211262
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 53.2 44.8 67.2



#63
4-Nitroaniline
Concen: 27.870 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:138 Resp: 402794
Ion Ratio Lower Upper
138 100
92 45.9 39.3 58.9
108 72.6 61.8 92.6

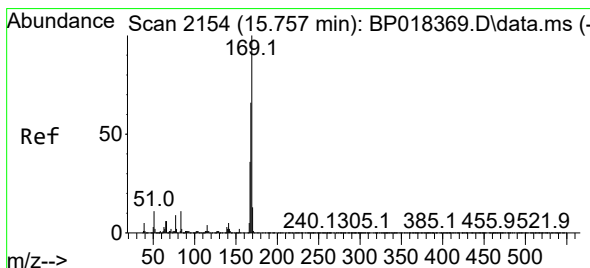
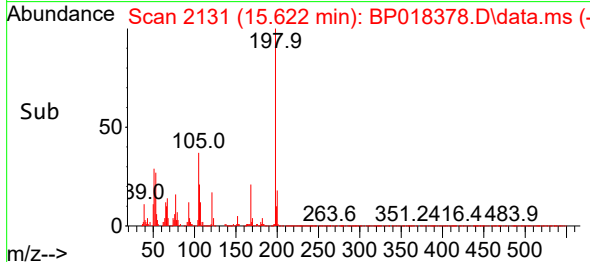
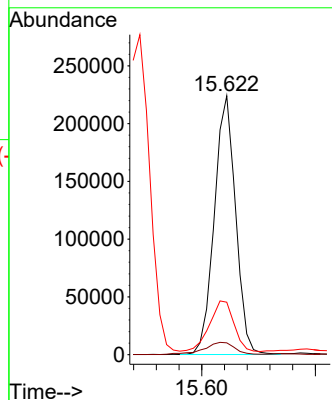
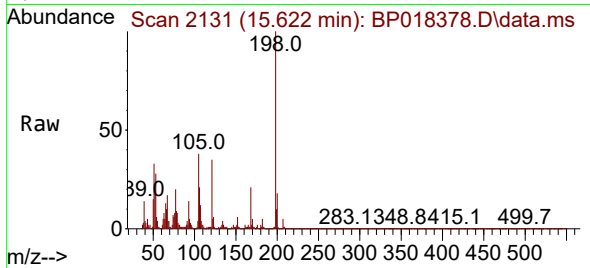




#66
4,6-Dinitro-2-methylphenol
Concen: 33.852 ng/ul
RT: 15.622 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

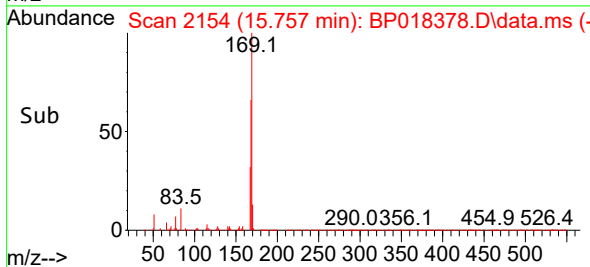
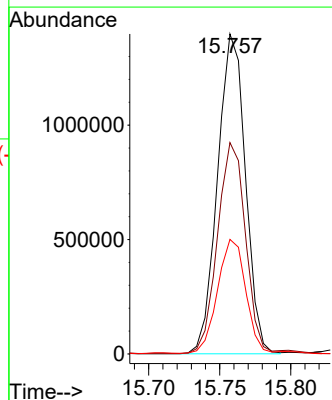
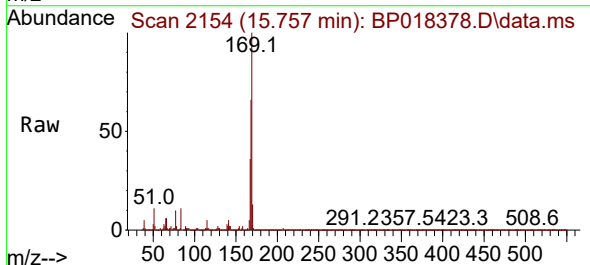
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

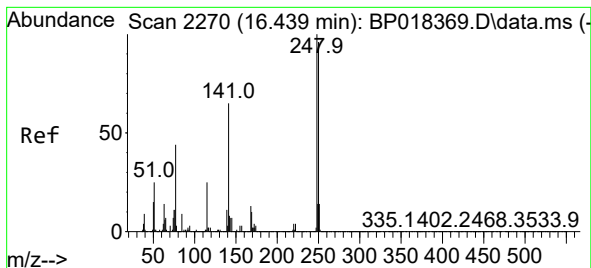
Tgt Ion:198 Resp: 292224
Ion Ratio Lower Upper
198 100
182 4.6 3.0 4.4#
77 20.3 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 30.756 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:169 Resp: 1907011
Ion Ratio Lower Upper
169 100
168 66.1 53.1 79.7
167 35.8 28.8 43.2

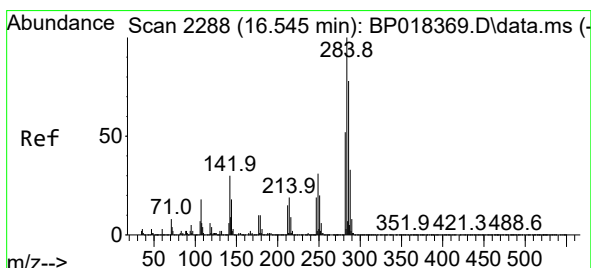
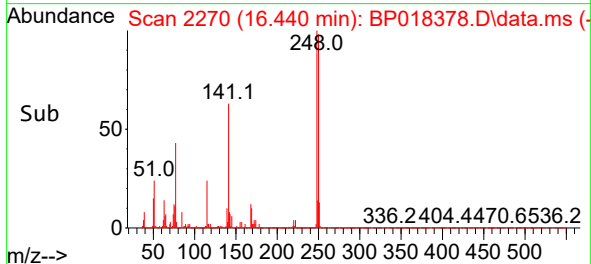
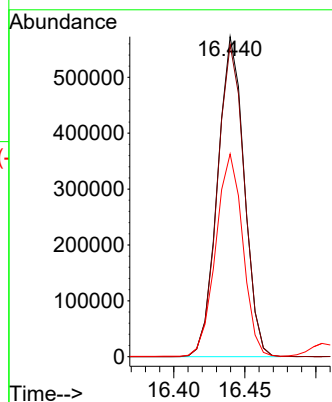
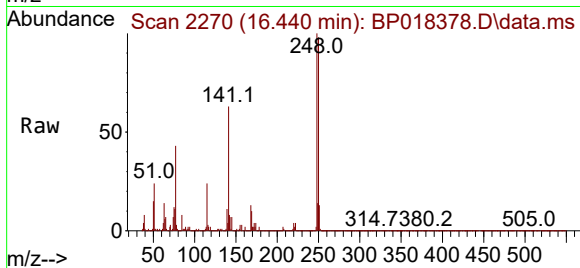




#68
4-Bromophenyl-phenylether
Concen: 32.352 ng/ul
RT: 16.440 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

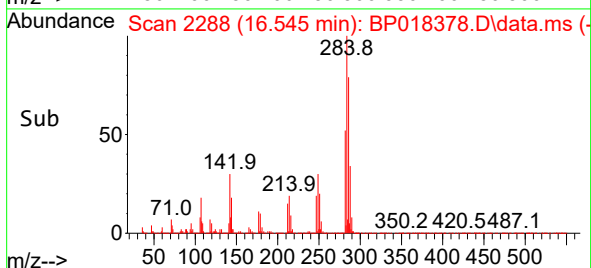
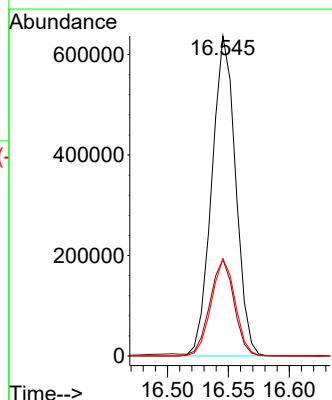
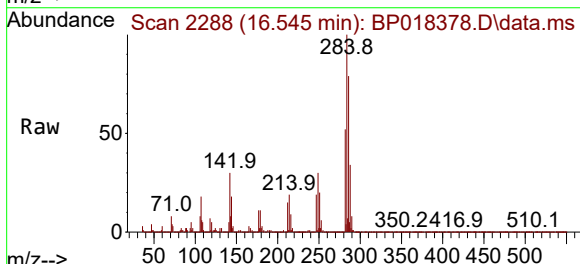
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

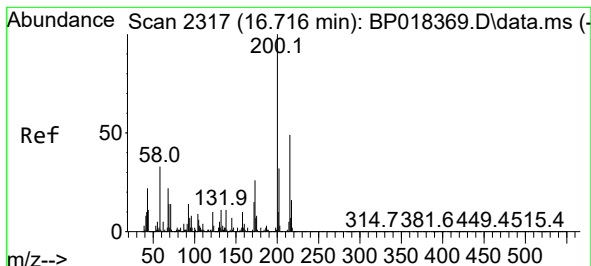
Tgt Ion:248 Resp: 746847
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.2
141 63.3 56.0 84.0



#69
Hexachlorobenzene
Concen: 33.585 ng/ul
RT: 16.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:284 Resp: 866763
Ion Ratio Lower Upper
284 100
142 30.1 28.9 43.3
249 30.4 26.0 39.0





#70

Atrazine

Concen: 29.568 ng/ul

RT: 16.716 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

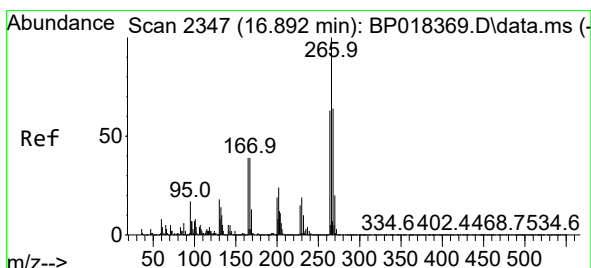
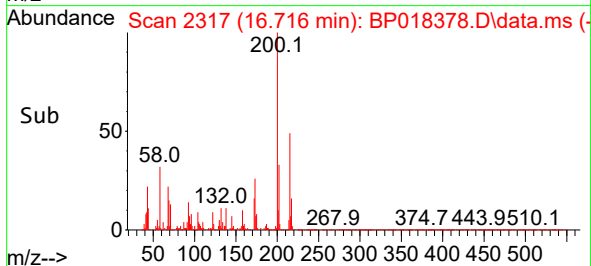
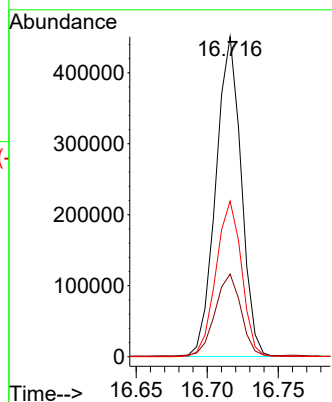
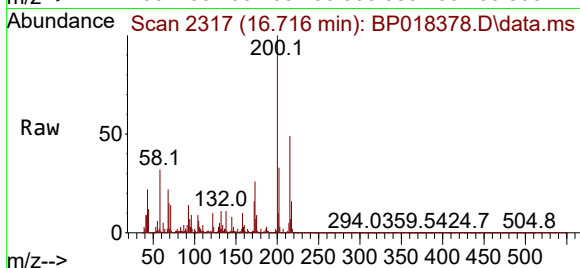
Tgt Ion:200 Resp: 559676

Ion Ratio Lower Upper

200 100

173 25.8 21.1 31.7

215 48.6 38.3 57.5



#71

Pentachlorophenol

Concen: 33.830 ng/ul

RT: 16.892 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

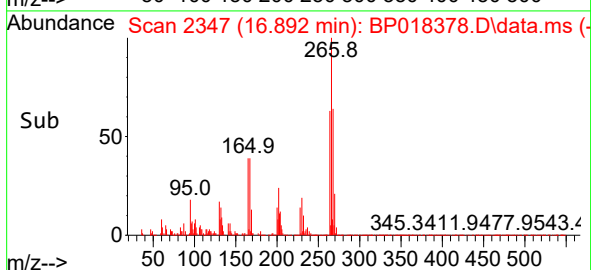
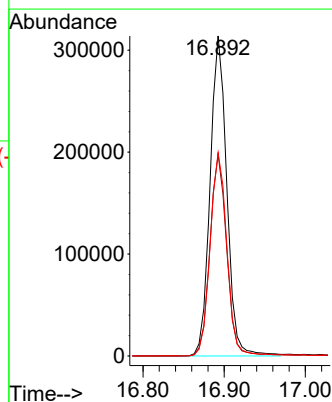
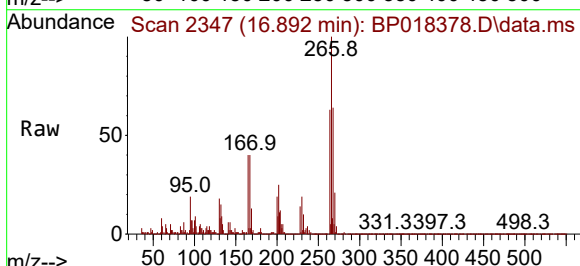
Tgt Ion:266 Resp: 448605

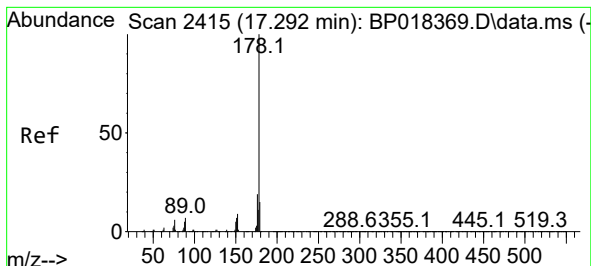
Ion Ratio Lower Upper

266 100

264 63.0 50.1 75.1

268 63.5 50.1 75.1





#72

Phenanthrene

Concen: 29.823 ng/ul

RT: 17.292 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

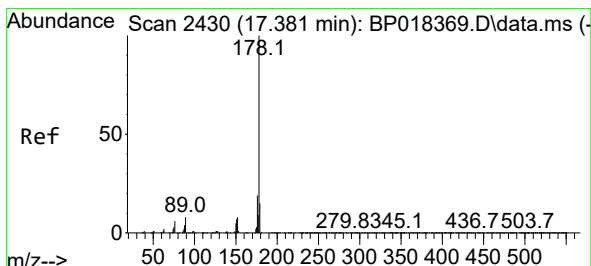
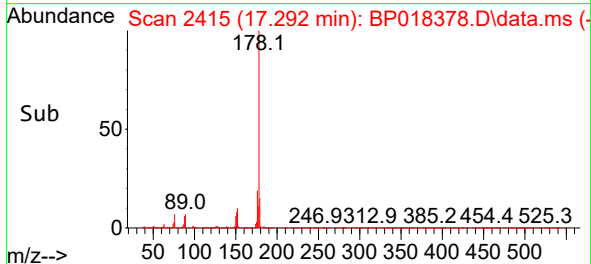
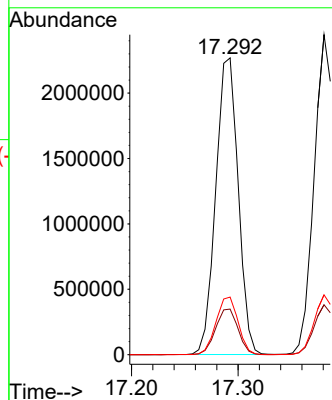
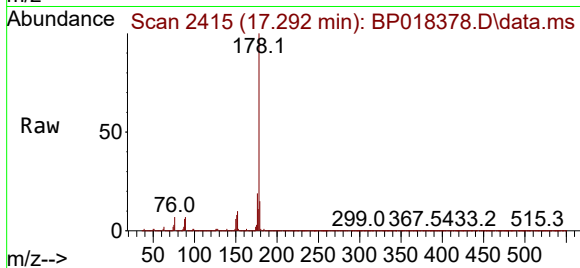
Tgt Ion:178 Resp: 3316742

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.4 15.1 22.7



#74

Anthracene

Concen: 29.925 ng/ul

RT: 17.381 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

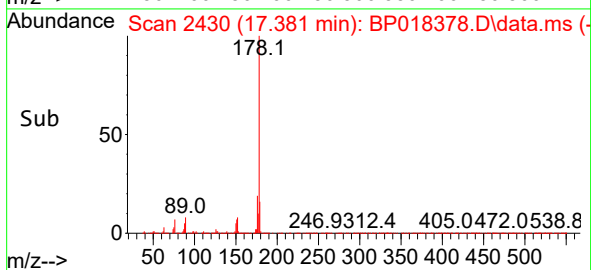
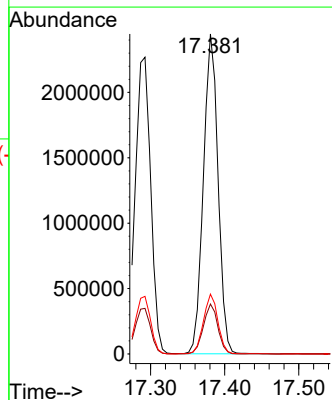
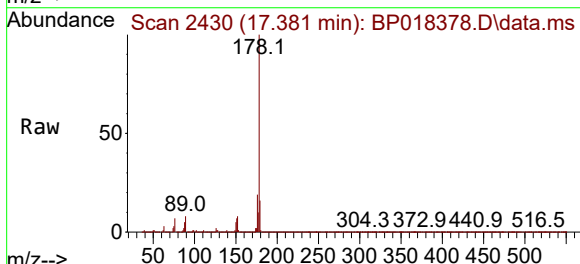
Tgt Ion:178 Resp: 3359418

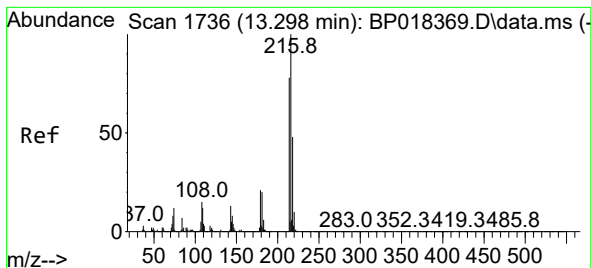
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.7 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 36.349 ng/uL

RT: 13.299 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

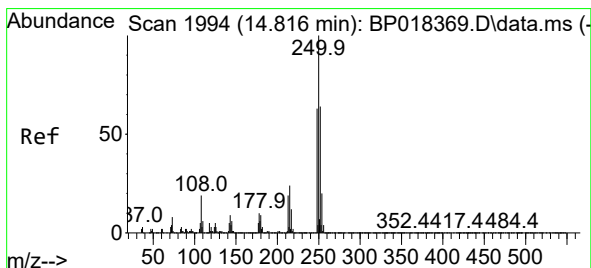
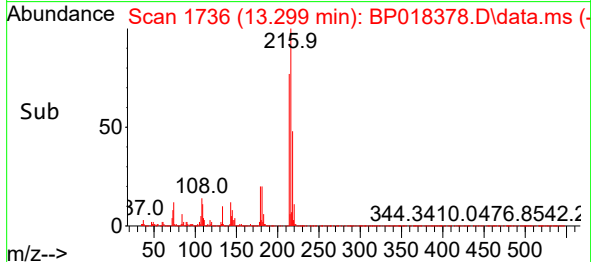
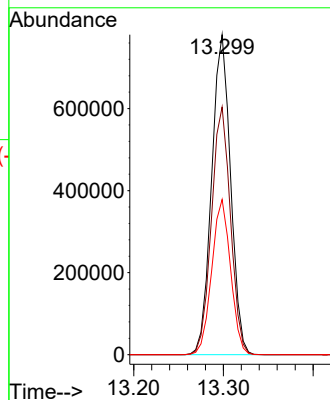
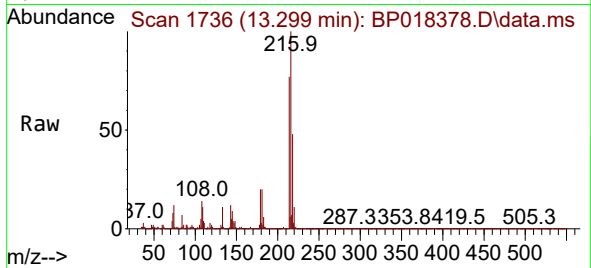
Tgt Ion:216 Resp: 1142377

Ion Ratio Lower Upper

216 100

214 77.4 62.0 93.0

218 48.5 38.6 57.8



#76

Pentachlorobenzene

Concen: 36.210 ng/uL

RT: 14.816 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

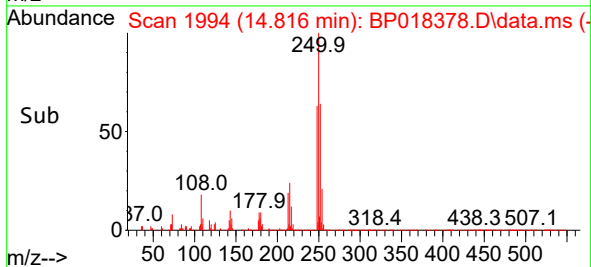
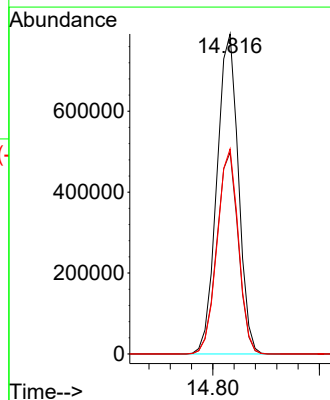
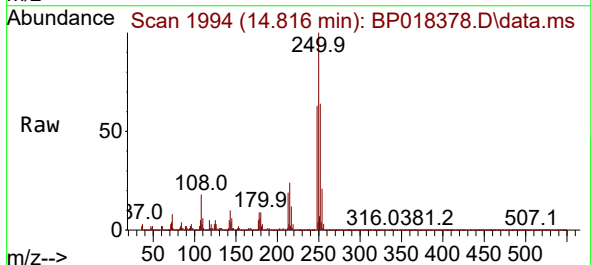
Tgt Ion:250 Resp: 1105455

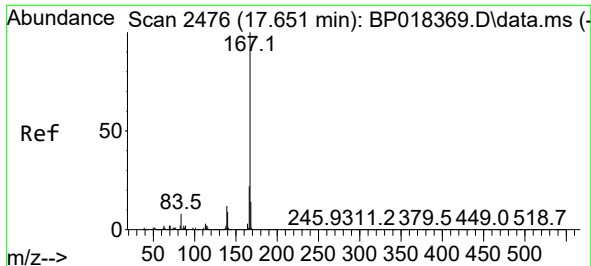
Ion Ratio Lower Upper

250 100

248 63.0 51.0 76.6

252 64.1 51.5 77.3

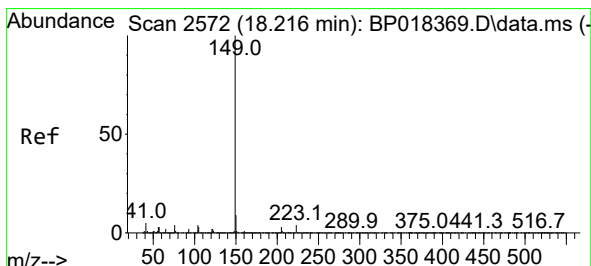
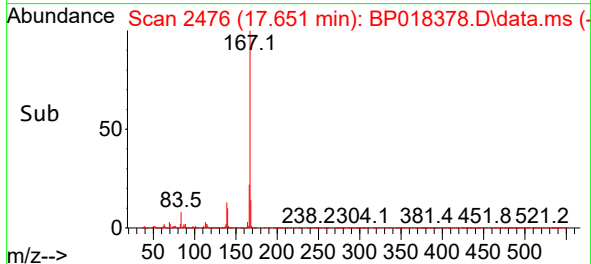
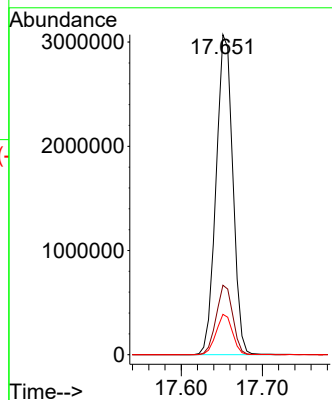
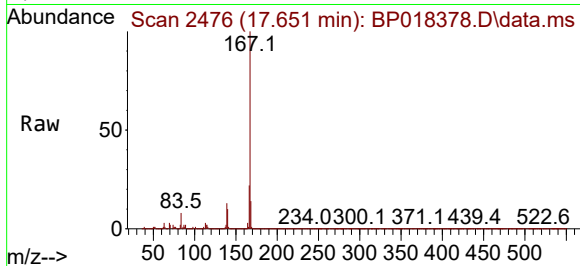




#77
Carbazole
Concen: 48.405 ng/ul
RT: 17.651 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

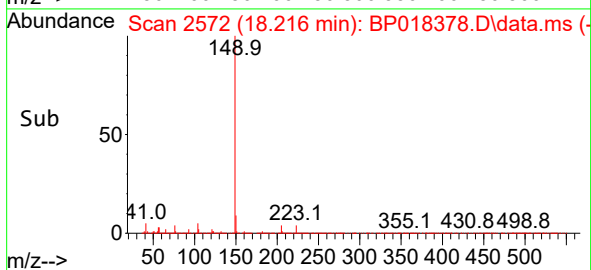
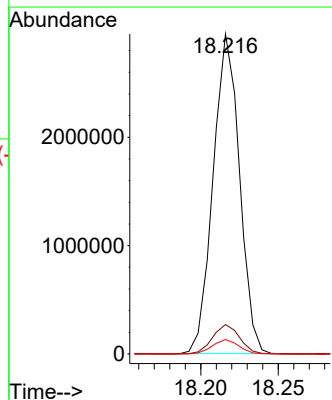
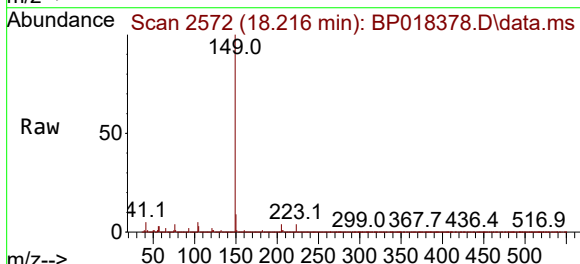
Instrument :
BNA_P
ClientSampleId :
DCKB9MS

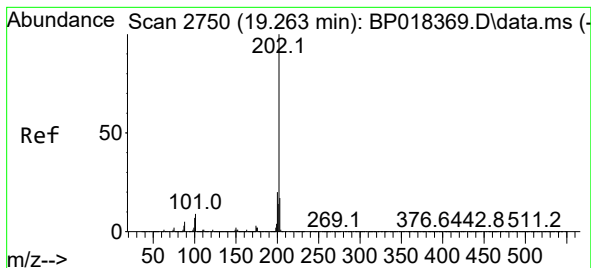
Tgt Ion:167 Resp: 4402397
Ion Ratio Lower Upper
167 100
166 21.7 17.5 26.3
139 12.6 10.0 15.0



#78
Di-n-butylphthalate
Concen: 27.588 ng/ul
RT: 18.216 min Scan# 2572
Delta R.T. -0.006 min
Lab File: BP018378.D
Acq: 25 Nov 2023 20:58

Tgt Ion:149 Resp: 3489992
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.5 3.8 5.6





#80

Fluoranthene

Concen: 22.931 ng/ul

RT: 19.263 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

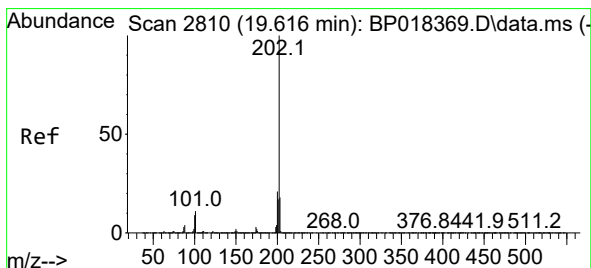
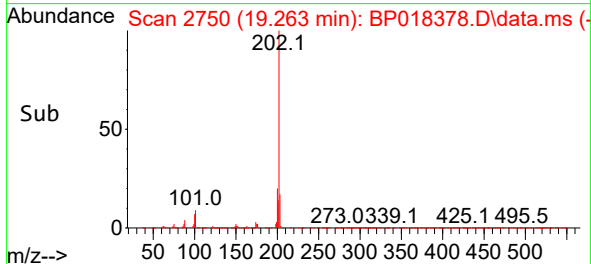
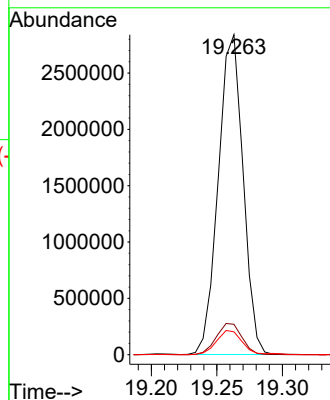
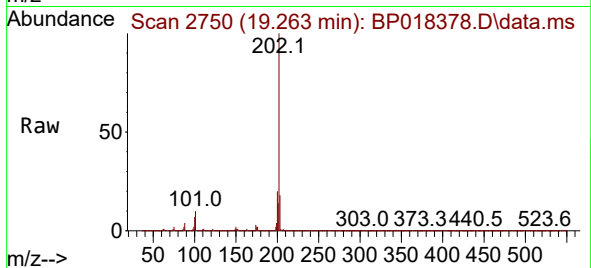
Tgt Ion:202 Resp: 3732844

Ion Ratio Lower Upper

202 100

101 9.5 8.6 13.0

100 7.2 6.7 10.1



#82

Pyrene

Concen: 23.369 ng/ul

RT: 19.616 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

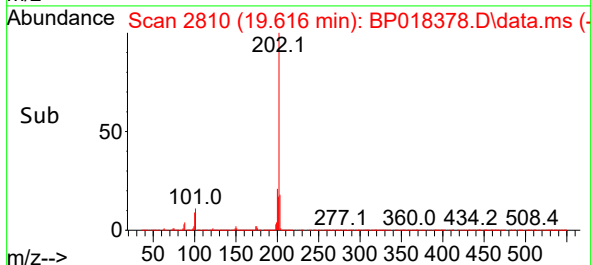
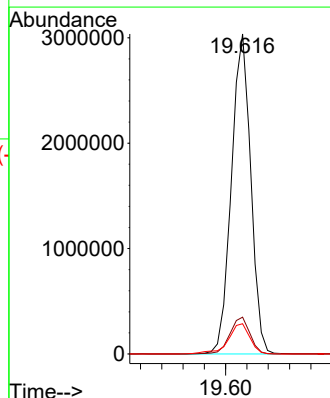
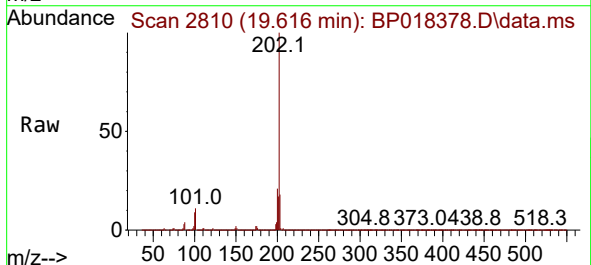
Tgt Ion:202 Resp: 3830820

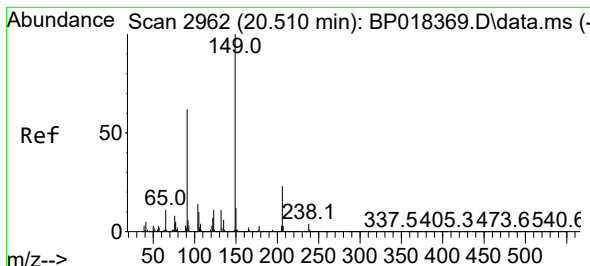
Ion Ratio Lower Upper

202 100

101 11.5 10.2 15.4

100 9.4 8.4 12.6





#83

Butylbenzylphthalate

Concen: 24.712 ng/ul

RT: 20.510 min Scan# 2962

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

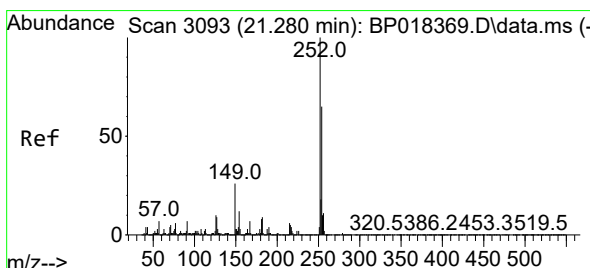
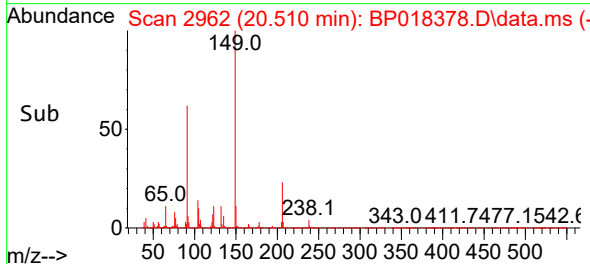
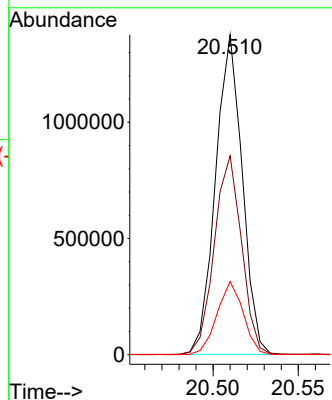
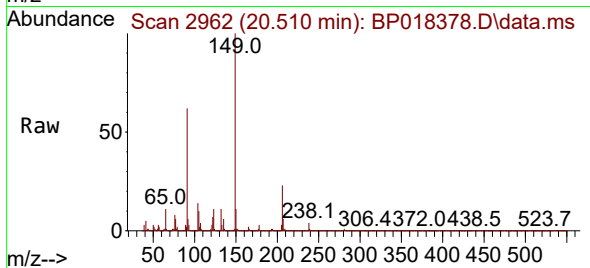
Tgt Ion:149 Resp: 1499107

Ion Ratio Lower Upper

149 100

91 62.1 53.7 80.5

206 22.9 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 28.980 ng/ul

RT: 21.281 min Scan# 3093

Delta R.T. 0.006 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

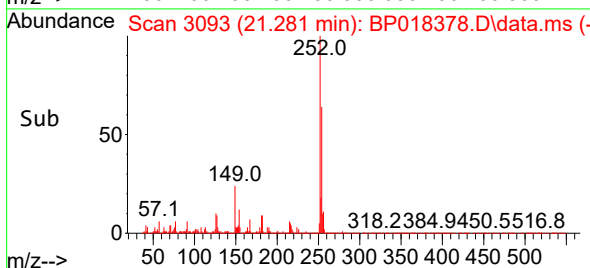
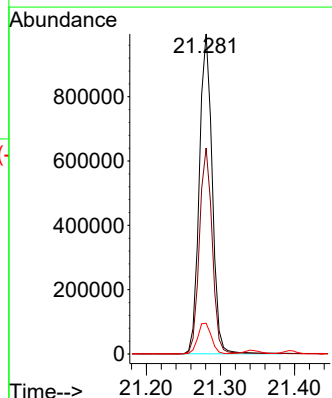
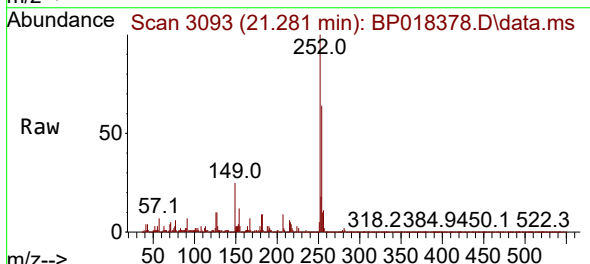
Tgt Ion:252 Resp: 1200084

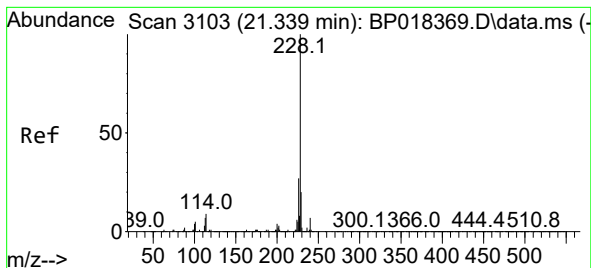
Ion Ratio Lower Upper

252 100

254 64.4 51.1 76.7

126 9.6 8.6 12.8





#85

Benzo(a)anthracene

Concen: 29.773 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

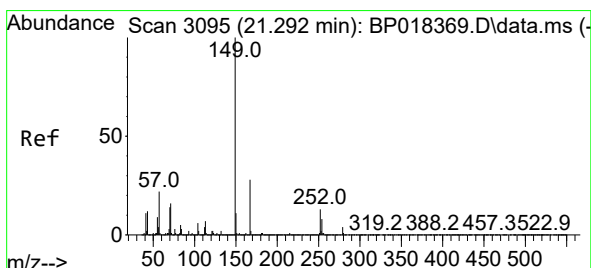
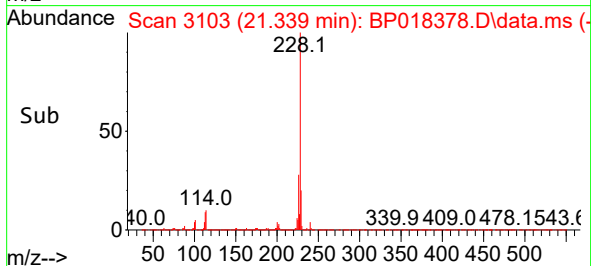
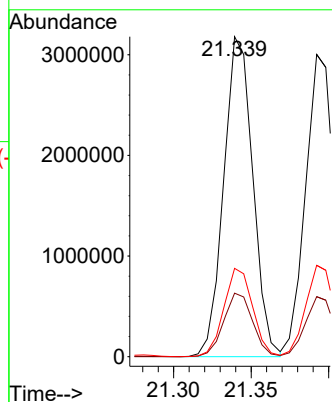
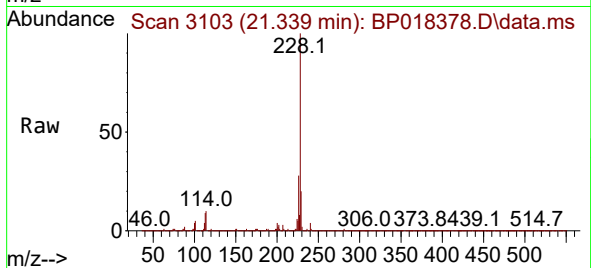
Tgt Ion:228 Resp: 4154436

Ion Ratio Lower Upper

228 100

229 19.8 16.2 24.2

226 27.6 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.737 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. 0.006 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

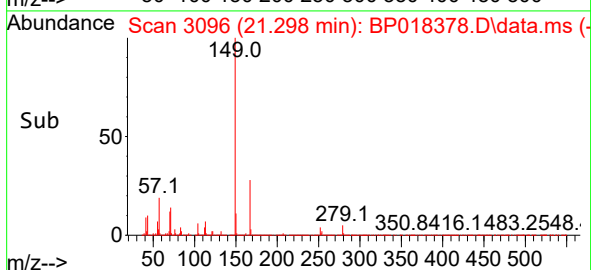
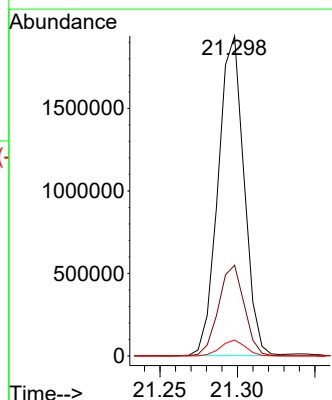
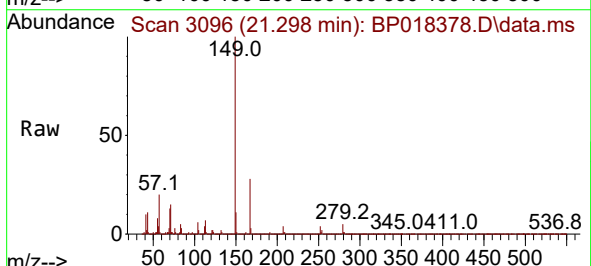
Tgt Ion:149 Resp: 2251476

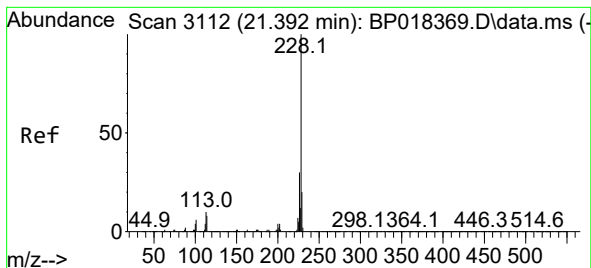
Ion Ratio Lower Upper

149 100

167 28.4 22.1 33.1

279 5.0 3.4 5.0





#87

Chrysene

Concen: 30.432 ng/ul

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

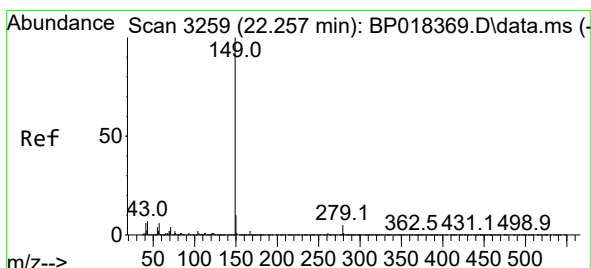
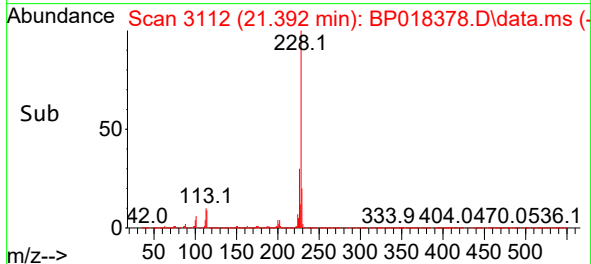
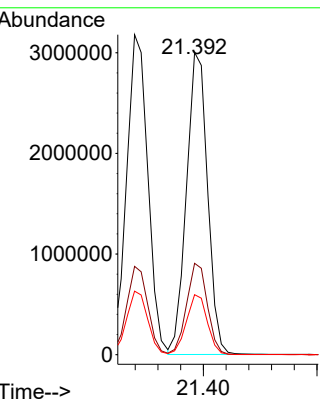
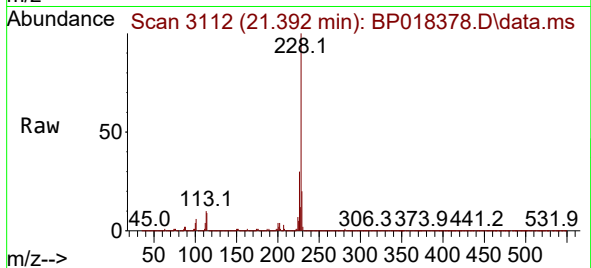
Tgt Ion:228 Resp: 3864103

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 19.8 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 25.788 ng/ul

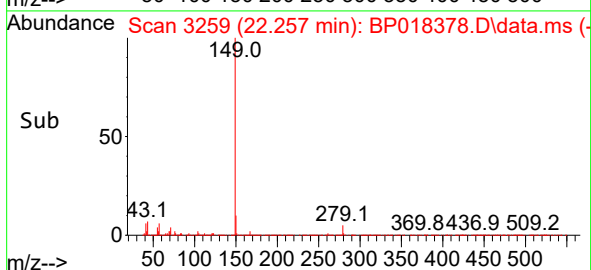
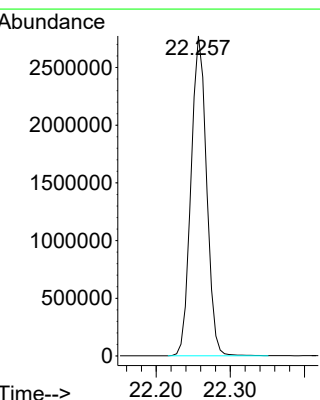
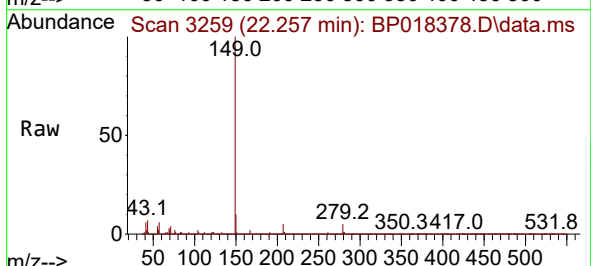
RT: 22.257 min Scan# 3259

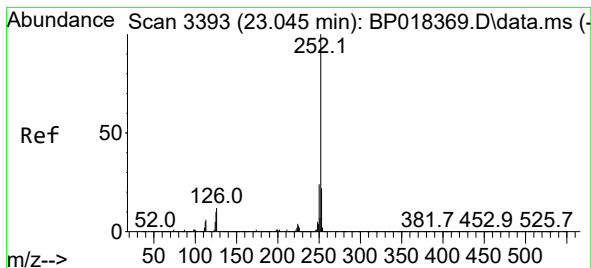
Delta R.T. 0.012 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Tgt Ion:149 Resp: 4048913





#90

Benzo(b)fluoranthene

Concen: 29.164 ng/ul

RT: 23.051 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

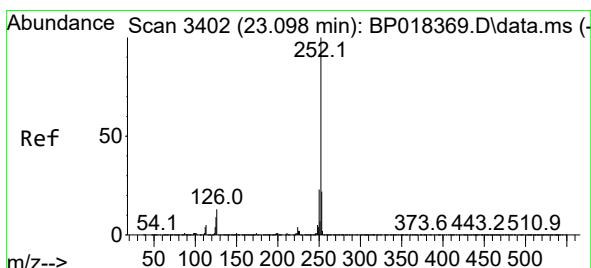
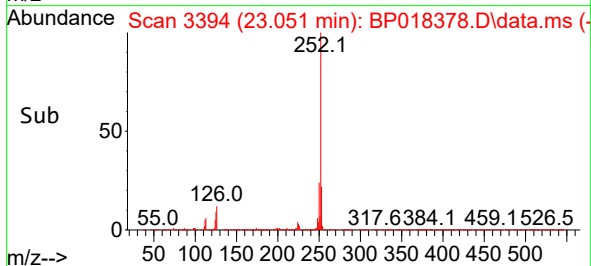
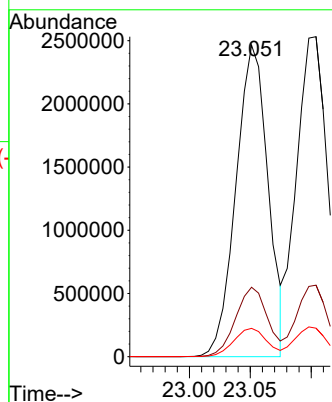
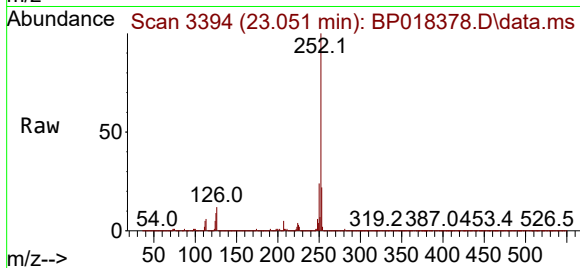
Tgt Ion:252 Resp: 4517724

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.1 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 29.253 ng/ul

RT: 23.104 min Scan# 3403

Delta R.T. 0.018 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

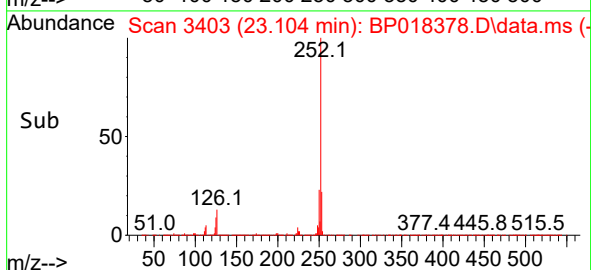
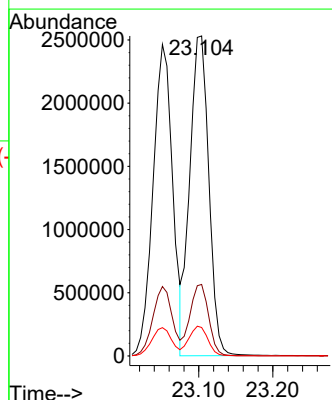
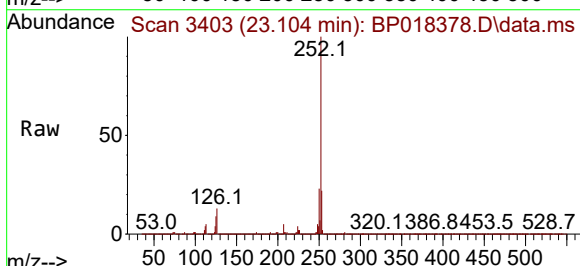
Tgt Ion:252 Resp: 4511125

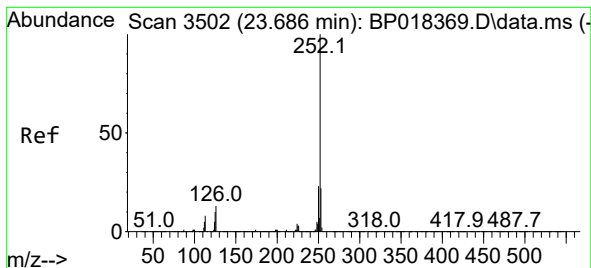
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 8.9 8.0 12.0





#93

Benzo(a)pyrene

Concen: 30.294 ng/ul

RT: 23.692 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

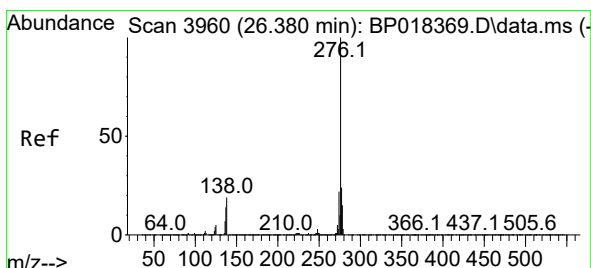
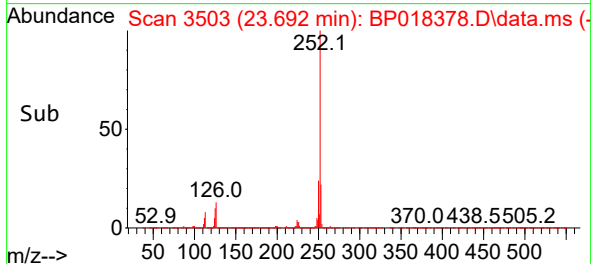
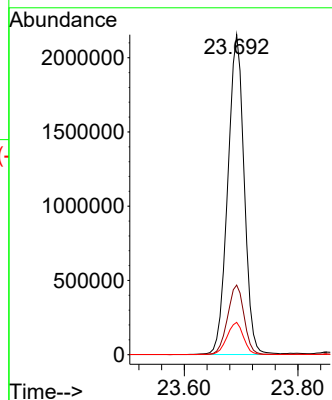
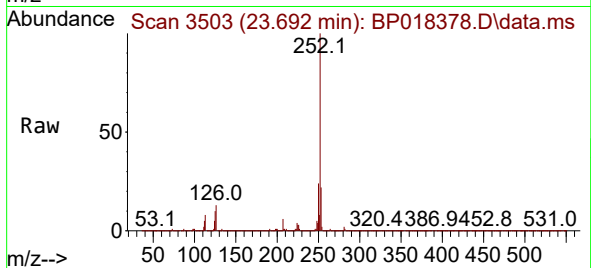
Tgt Ion:252 Resp: 4315648

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.1 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.331 ng/ul

RT: 26.398 min Scan# 3963

Delta R.T. 0.053 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

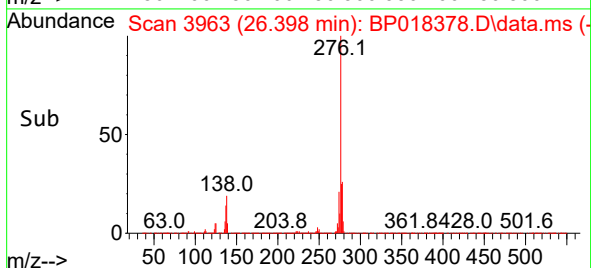
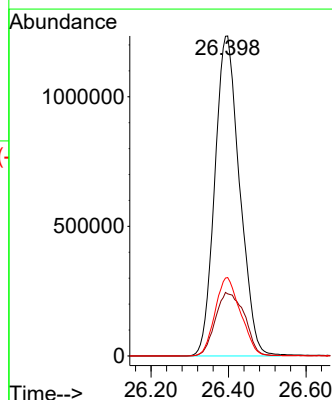
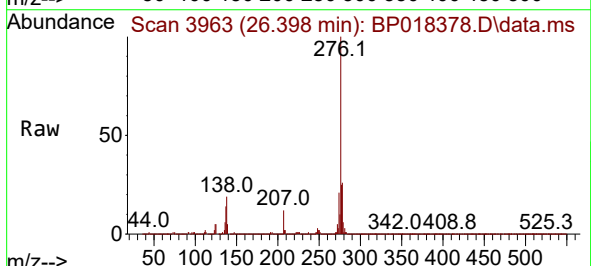
Tgt Ion:276 Resp: 5490415

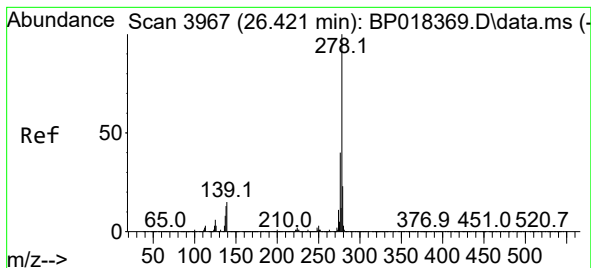
Ion Ratio Lower Upper

276 100

138 19.4 17.5 26.3

277 24.5 19.1 28.7





#95

Dibenzo(a,h)anthracene

Concen: 33.505 ng/ul

RT: 26.439 min Scan# 3967

Delta R.T. 0.059 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Instrument :

BNA_P

ClientSampleId :

DCKB9MS

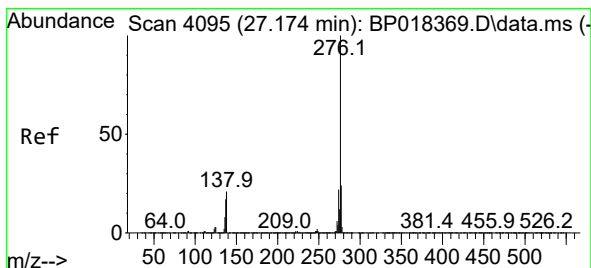
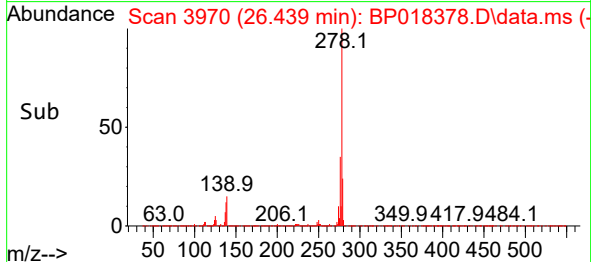
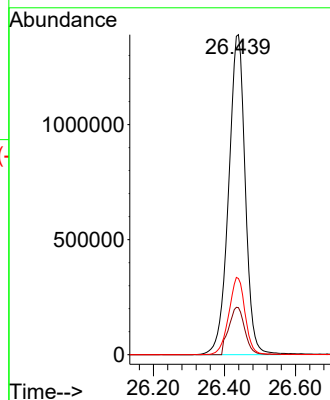
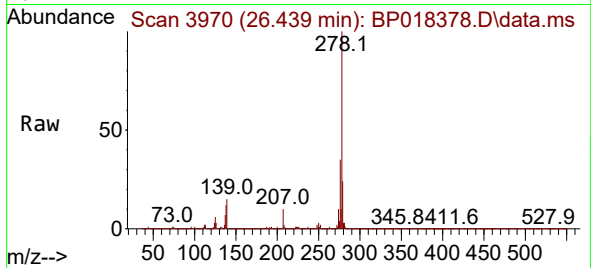
Tgt Ion:278 Resp: 4518239

Ion Ratio Lower Upper

278 100

139 14.7 13.3 19.9

279 23.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 33.534 ng/ul

RT: 27.192 min Scan# 4098

Delta R.T. 0.065 min

Lab File: BP018378.D

Acq: 25 Nov 2023 20:58

Tgt Ion:276 Resp: 4473604

Ion Ratio Lower Upper

276 100

138 20.2 17.7 26.5

277 23.5 18.6 28.0

