

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
 Data File : BP016382.D
 Acq On : 26 Jul 2023 19:14
 Operator : MA/JU
 Sample : 03575-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHA2MSD

Quant Time: Jul 26 23:46:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 23:56:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	408342	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	1760401	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	1061769	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	2328227	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	2052184	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	2055134	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	71977	6.950	ng/uL	0.00
4) Pyridine-d5	3.852	84	1088539	37.046	ng/u1	0.00
7) Phenol-d5	7.228	99	1775527	51.960	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	982899	47.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	1326947	49.775	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	1391425	50.633	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	651233	60.076	ng/u1	0.00
24) 2-Nitrophenol-d4	10.010	143	659441	73.760	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	1339793	54.065	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	1793179	46.514	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	3769249	48.506	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	4454886	48.526	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	733276	56.317	ng/u1	0.00
60) Fluorene-d10	15.734	176	3241221	49.029	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	457157	59.614	ng/u1	0.00
73) Anthracene-d10	17.604	188	4936048	47.862	ng/u1	0.00
81) Pyrene-d10	19.827	212	5650784	48.494	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	5175533	52.197	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	206171	18.774	ng/uL	99
5) Pyridine	3.875	79	1346355	45.037	ng/u1	98
6) Benzaldehyde	7.246	77	976820	52.399	ng/u1	99
8) Phenol	7.258	94	1813656	51.038	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.528	93	1397433	48.004	ng/u1	98
12) 2-Chlorophenol	7.646	128	1380007	50.348	ng/u1	98
13) 2-Methylphenol	8.528	108	1373801	50.419	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.616	45	927972	26.345	ng/u1	99
16) Acetophenone	8.946	105	2141529	49.380	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.922	70	1075063	47.604	ng/u1	98
18) 4-Methylphenol	8.863	108	1495222	51.360	ng/u1	98
19) Hexachloroethane	9.175	117	546900	47.693	ng/u1	94
22) Nitrobenzene	9.334	77	1583455	54.563	ng/u1	97
23) Isophorone	9.852	82	3117324	47.689	ng/u1	100
25) 2-Nitrophenol	10.040	139	733524	65.754	ng/u1	98
26) 2,4-Dimethylphenol	10.075	107	1542514	48.904	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.340	93	1903100	48.289	ng/u1	99
29) 2,4-Dichlorophenol	10.563	162	1325844	52.924	ng/u1	98
30) Naphthalene	10.981	128	4398636	48.243	ng/u1	100
32) 4-Chloroaniline	11.104	127	1797797	47.568	ng/u1	98
33) Hexachlorobutadiene	11.216	225	774642	47.049	ng/u1	98
34) Caprolactam	11.904	113	253848	28.446	ng/u1	99
35) 4-Chloro-3-methylphenol	12.193	107	1470477	53.029	ng/u1	98
36) 2-Methylnaphthalene	12.575	142	2970006	47.798	ng/u1	98

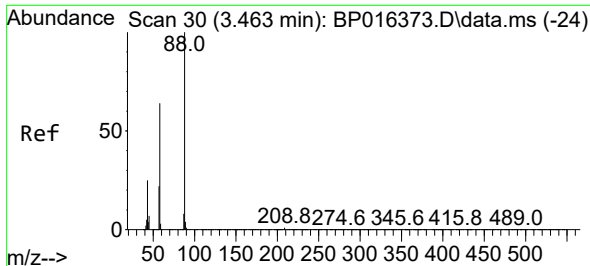
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.793	142	2949587	47.477	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.922	216	1522274	48.529	ng/ul	99
40) Hexachlorocyclopentadiene	12.881	237	785958	35.098	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	1032487	55.865	ng/ul	98
42) 2,4,5-Trichlorophenol	13.234	196	1154540	58.372	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	3887216	48.486	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	3057362	48.748	ng/ul	100
45) 2-Nitroaniline	13.845	65	887315	67.616	ng/ul	94
47) Dimethylphthalate	14.204	163	5175864	66.048	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	781191	69.176	ng/ul	93
50) Acenaphthylene	14.469	152	4716713	45.097	ng/ul	100
51) 3-Nitroaniline	14.669	138	863318	65.347	ng/ul#	95
52) Acenaphthene	14.804	153	3262310	48.373	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	275655	57.073	ng/ul	92
55) 4-Nitrophenol	14.945	109	578793	55.147	ng/ul	97
56) Dibenzofuran	15.139	168	4473254	48.452	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	1097007	68.136	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.345	232	937500	59.415	ng/ul	95
59) Diethylphthalate	15.557	149	3844662	48.711	ng/ul	100
61) Fluorene	15.792	166	3542854	47.244	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.781	204	1714712	46.904	ng/ul	99
63) 4-Nitroaniline	15.839	138	850111	70.173	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.863	198	503509	54.921	ng/ul	98
67) N-Nitrosodiphenylamine	15.998	169	3145074	48.178	ng/ul	99
68) 4-Bromophenyl-phenylether	16.681	248	1129884	51.172	ng/ul	99
69) Hexachlorobenzene	16.763	284	1279870	48.338	ng/ul	98
70) Atrazine	16.957	200	1123249	47.160	ng/ul	99
71) Pentachlorophenol	17.122	266	1443054	96.716	ng/ul	99
72) Phenanthrene	17.545	178	5804010	47.907	ng/ul	99
74) Anthracene	17.639	178	5748669	46.582	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	1497268	44.552	ng/ul	99
76) Pentachlorobenzene	15.028	250	1426640	48.038	ng/ul	99
77) Carbazole	17.910	167	5498998	51.767	ng/ul	99
78) Di-n-butylphthalate	18.433	149	6762041	49.986	ng/ul	100
80) Fluoranthene	19.498	202	6711744	48.051	ng/ul	98
82) Pyrene	19.857	202	6861558	47.548	ng/ul	100
83) Butylbenzylphthalate	20.722	149	3145008	57.566	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.510	252	1953356	43.307	ng/ul	99
85) Benzo(a)anthracene	21.574	228	6608063	47.540	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	4756108	57.071	ng/ul	99
87) Chrysene	21.633	228	6205059	48.205	ng/ul	99
89) Di-n-octyl phthalate	22.468	149	8056262	62.362	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	6406085	52.050	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	6388885	52.163	ng/ul	99
93) Benzo(a)pyrene	24.080	252	5451035	47.028	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.980	276	6376360	47.639	ng/ul	98
95) Dibenzo(a,h)anthracene	27.009	278	5330226	48.150	ng/ul	98
96) Benzo(g,h,i)perylene	27.845	276	5002395	47.208	ng/ul	99

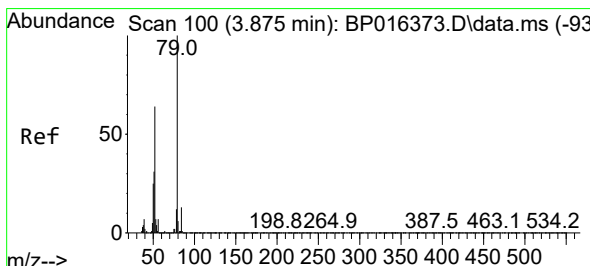
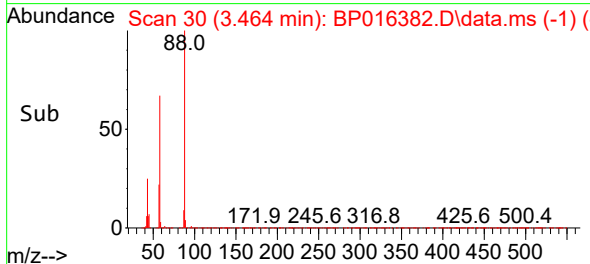
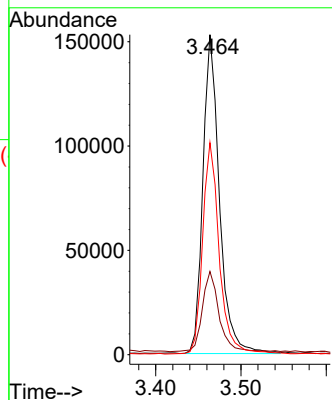
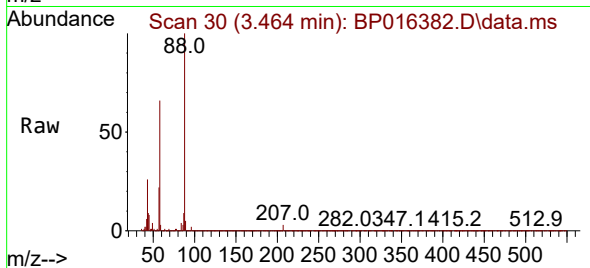
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#2
 1,4-Dioxane
 Concen: 18.774 ng/uL
 RT: 3.464 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BP016382.D
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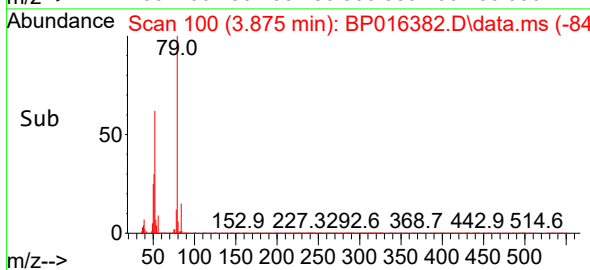
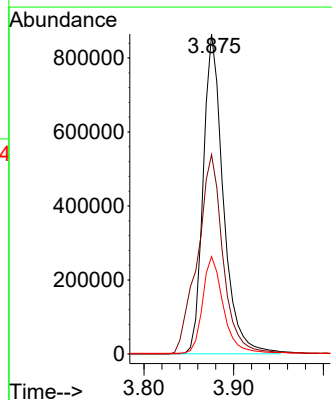
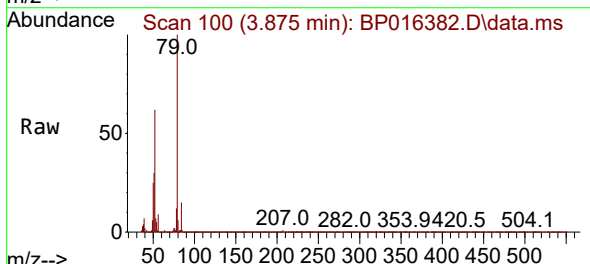
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 ClientSampleId :
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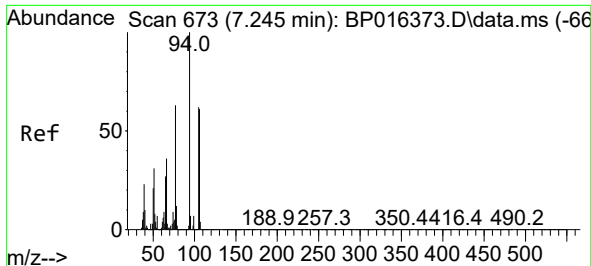
Tgt Ion: 88 Resp: 206171
 Ion Ratio Lower Upper
 88 100
 43 26.0 21.8 32.8
 58 66.3 53.1 79.7



#5
 Pyridine
 Concen: 45.037 ng/uL
 RT: 3.875 min Scan# 100
 Delta R.T. -0.003 min
 Lab File: BP016382.D
 Acq: 26 Jul 2023 19:14

Tgt Ion: 79 Resp: 1346355
 Ion Ratio Lower Upper
 79 100
 52 62.3 51.0 76.4
 51 30.4 25.4 38.2

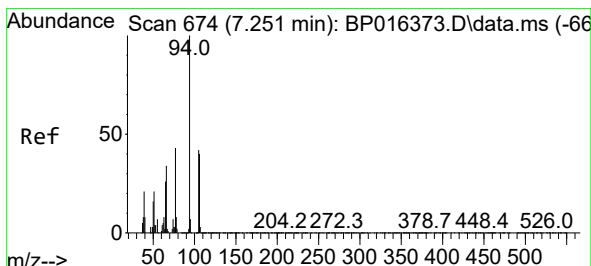
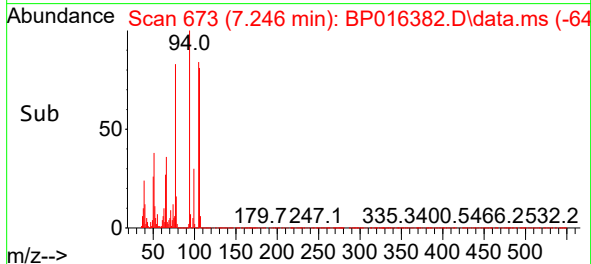
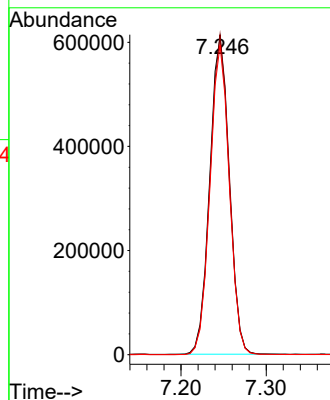
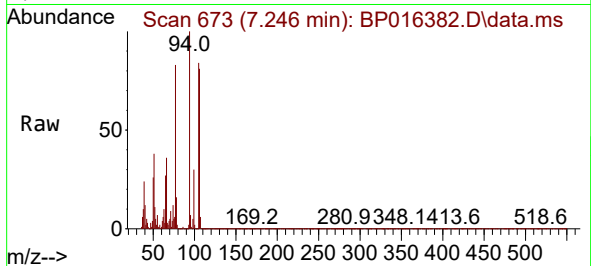




#6
Benzaldehyde
Concen: 52.399 ng/ul
RT: 7.246 min Scan# 61
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

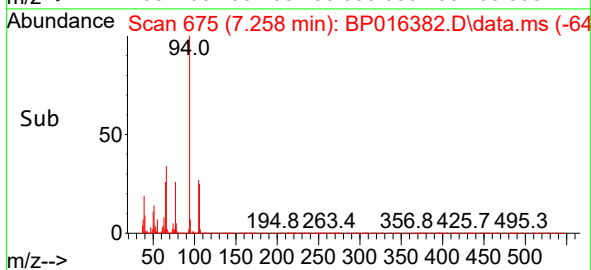
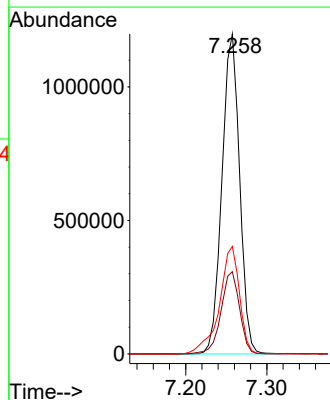
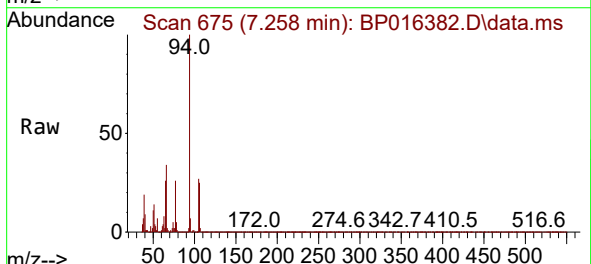
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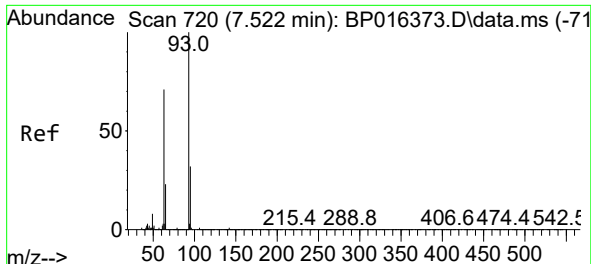
Tgt Ion: 77 Resp: 976820
Ion Ratio Lower Upper
77 100
105 100.8 80.2 120.2
106 97.5 76.5 114.7



#8
Phenol
Concen: 51.038 ng/ul
RT: 7.258 min Scan# 675
Delta R.T. 0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion: 94 Resp: 1813656
Ion Ratio Lower Upper
94 100
65 25.7 21.4 32.2
66 33.6 28.2 42.4



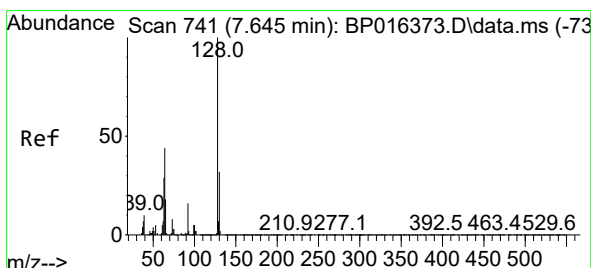
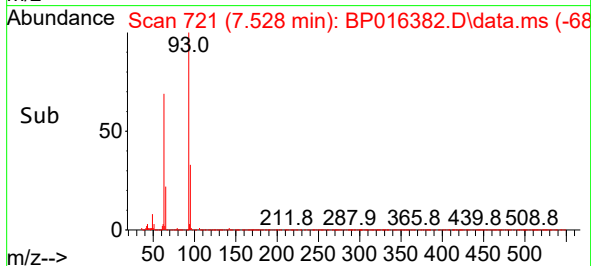
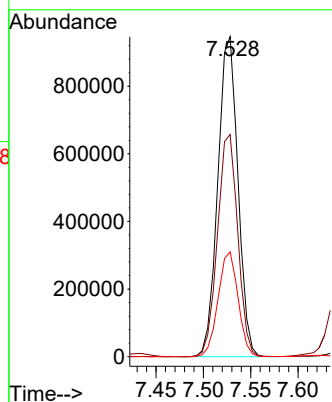
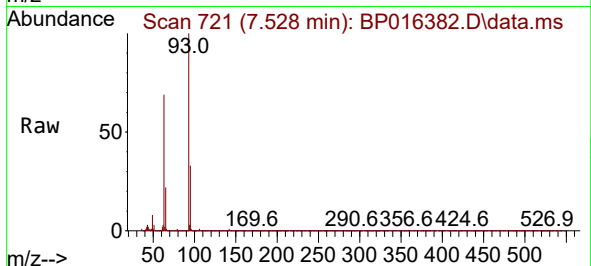


#10
 Bis(2-Chloroethyl)ether
 Concen: 48.004 ng/ul
 RT: 7.528 min Scan# 720
 Delta R.T. -0.003 min
 Lab File: BP016382.D
 Acq: 26 Jul 2023 19:14

Instrument :
 BNA_P
 ClientSampleId :
 DCHA2MSD

Tgt Ion: 93 Resp: 1397433

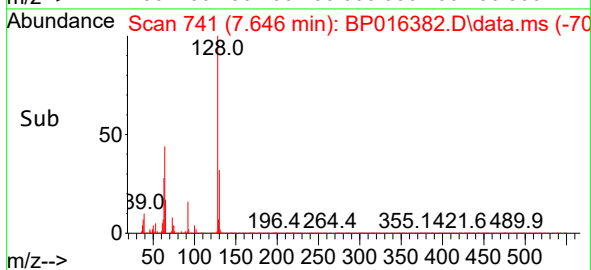
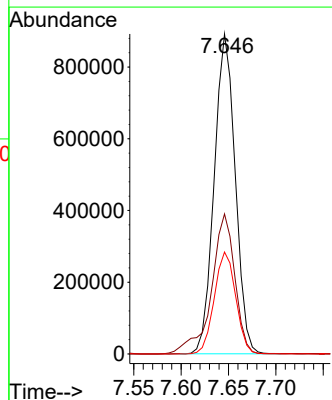
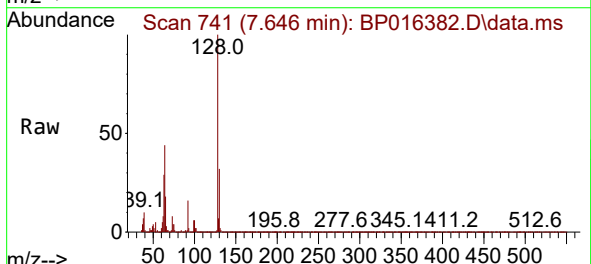
Ion	Ratio	Lower	Upper
93	100		
63	69.4	57.0	85.4
95	32.7	25.8	38.6

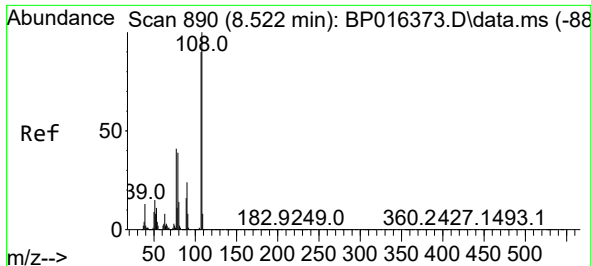


#12
 2-Chlorophenol
 Concen: 50.348 ng/ul
 RT: 7.646 min Scan# 741
 Delta R.T. -0.003 min
 Lab File: BP016382.D
 Acq: 26 Jul 2023 19:14

Tgt Ion: 128 Resp: 1380007

Ion	Ratio	Lower	Upper
128	100		
64	43.7	36.4	54.6
130	31.9	25.6	38.4





#13

2-Methylphenol

Concen: 50.419 ng/ul

RT: 8.528 min Scan# 890

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Instrument :

BNA_P

ClientSampleId :

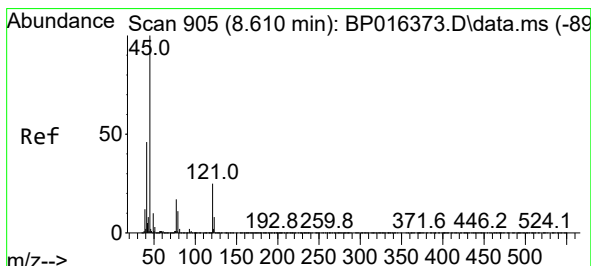
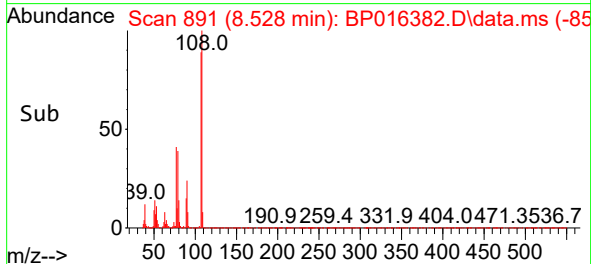
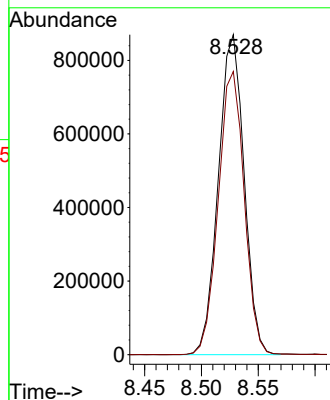
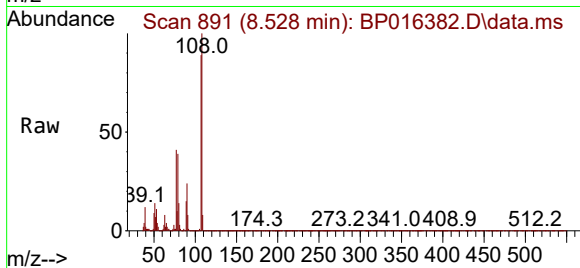
DCHA2MSD

Tgt Ion:108 Resp: 1373801

Ion Ratio Lower Upper

108 100

107 88.5 71.3 106.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 26.345 ng/ul

RT: 8.616 min Scan# 906

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

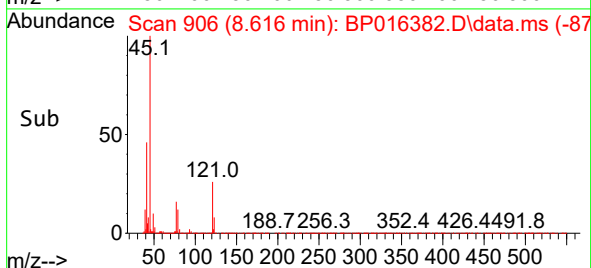
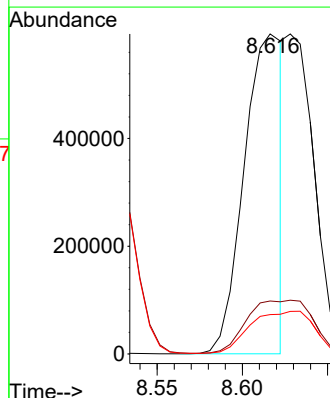
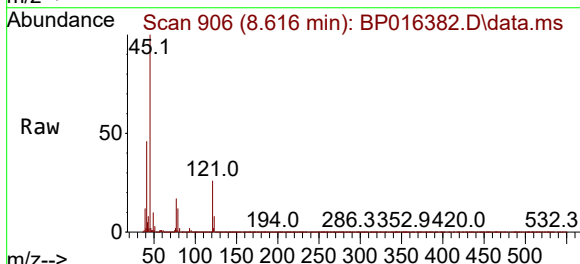
Tgt Ion: 45 Resp: 927972

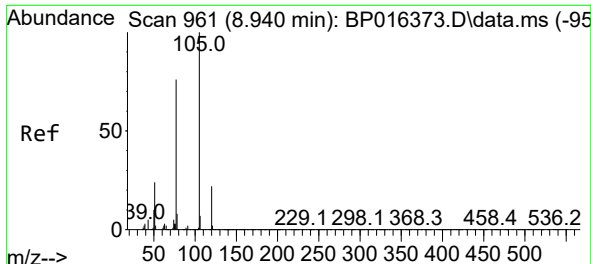
Ion Ratio Lower Upper

45 100

77 16.6 13.7 20.5

79 12.3 9.6 14.4

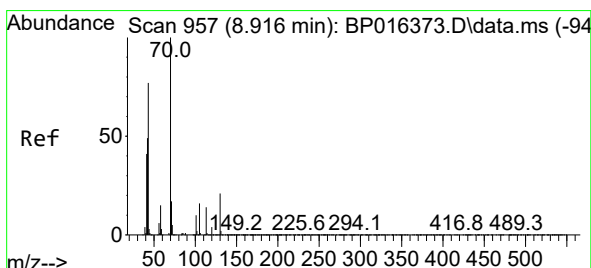
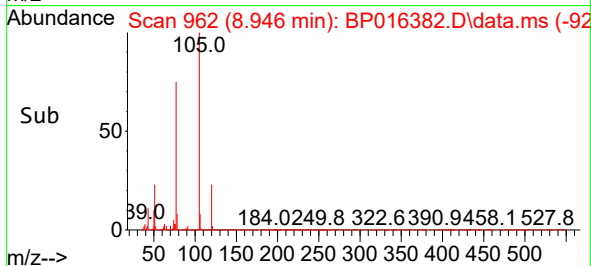
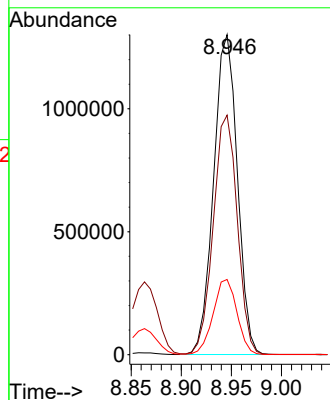
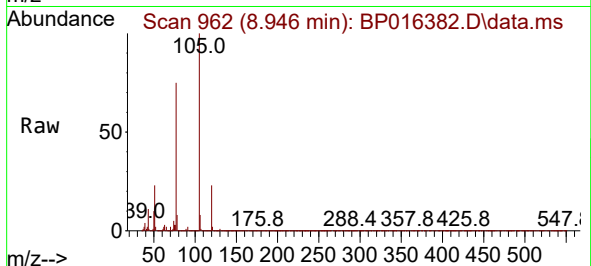




#16
Acetophenone
Concen: 49.380 ng/ul
RT: 8.946 min Scan# 90
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

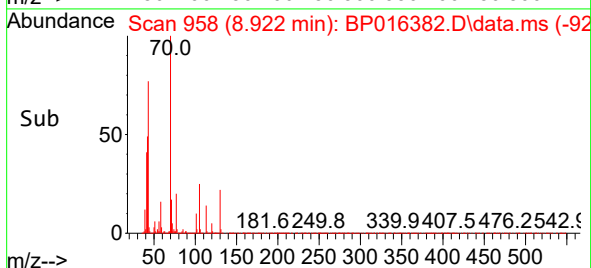
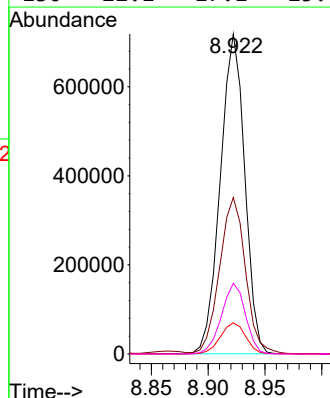
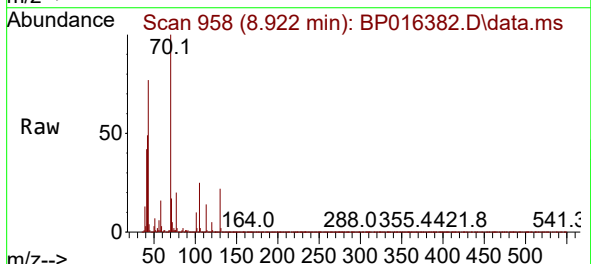
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DCHA2MSD

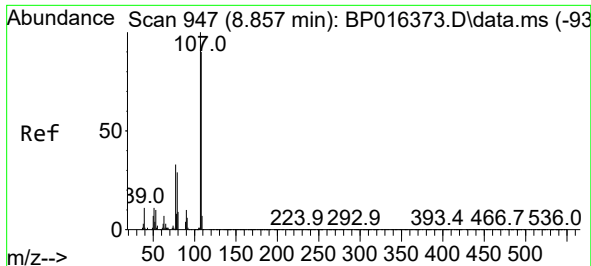
Tgt Ion:105 Resp: 2141529
Ion Ratio Lower Upper
105 100
77 74.9 61.2 91.8
51 23.5 19.1 28.7



#17
N-Nitroso-di-n-propylamine
Concen: 47.604 ng/ul
RT: 8.922 min Scan# 958
Delta R.T. 0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion: 70 Resp: 1075063
Ion Ratio Lower Upper
70 100
42 48.9 40.3 60.5
101 9.7 7.8 11.8
130 22.1 17.1 25.7

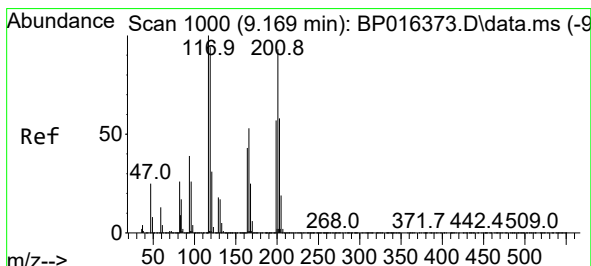
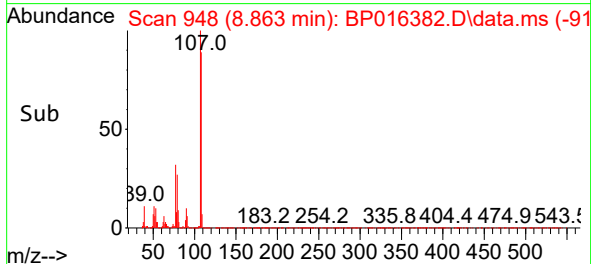
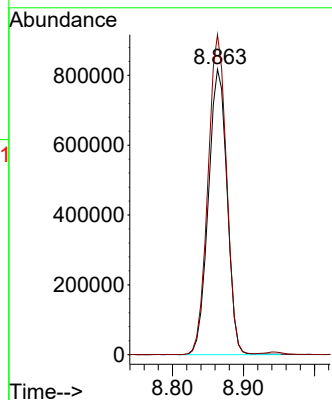
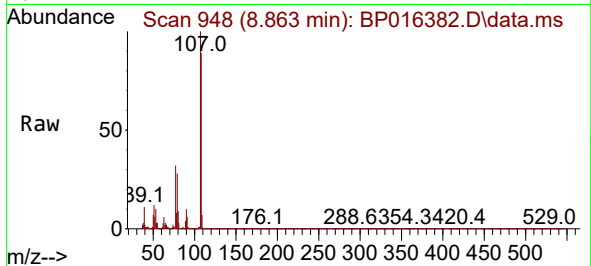




#18
4-Methylphenol
Concen: 51.360 ng/ul
RT: 8.863 min Scan# 947
Delta R.T. 0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

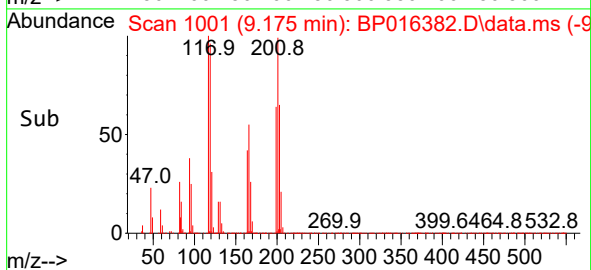
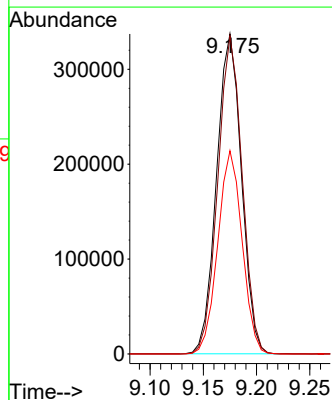
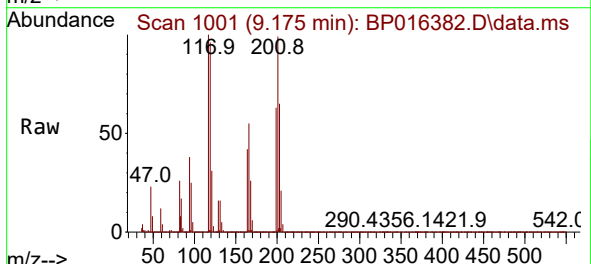
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

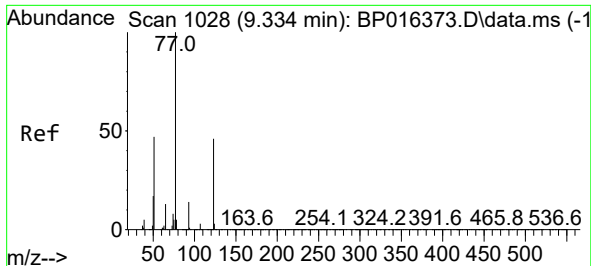
Tgt Ion:108 Resp: 1495222
Ion Ratio Lower Upper
108 100
107 112.1 91.6 137.4



#19
Hexachloroethane
Concen: 47.693 ng/ul
RT: 9.175 min Scan# 1001
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:117 Resp: 546900
Ion Ratio Lower Upper
117 100
201 99.4 75.0 112.6
199 63.5 47.4 71.0

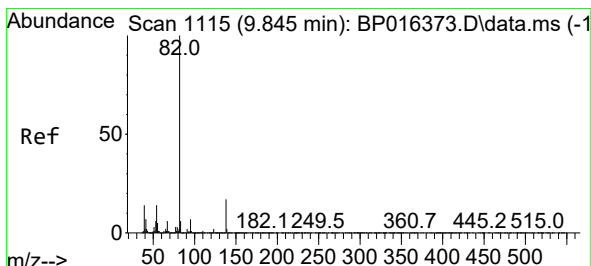
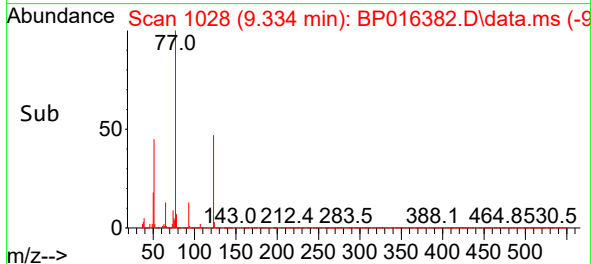
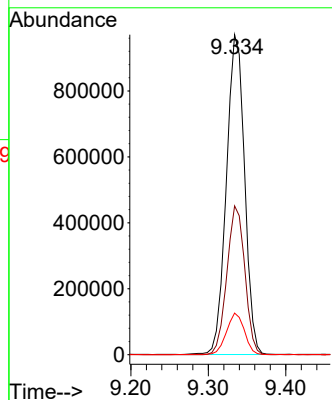
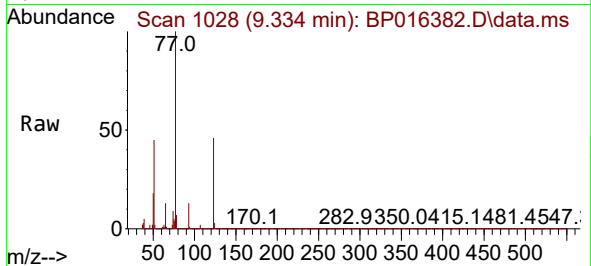




#22
Nitrobenzene
Concen: 54.563 ng/ul
RT: 9.334 min Scan# 1028
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

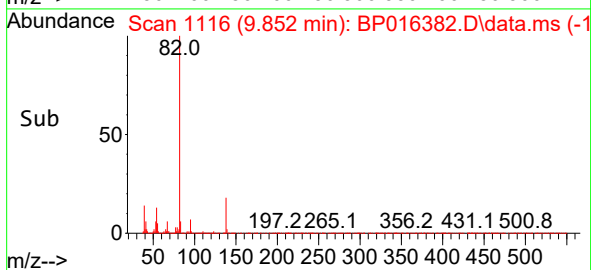
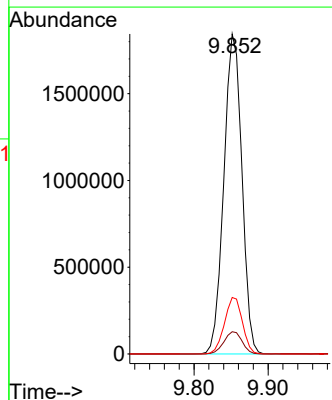
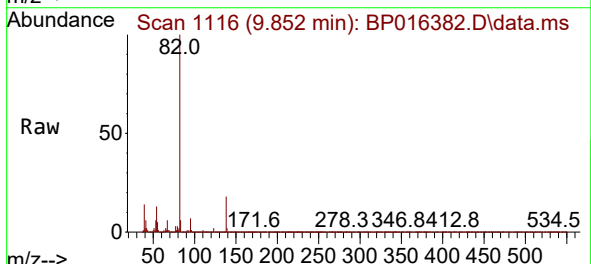
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

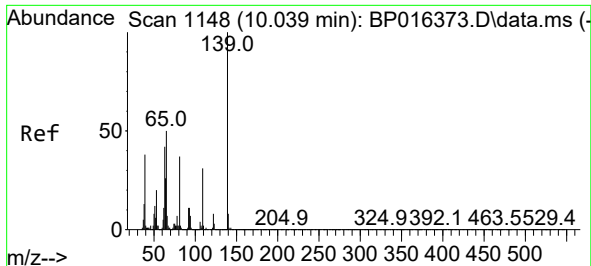
Tgt Ion: 77 Resp: 1583455
Ion Ratio Lower Upper
77 100
123 46.5 35.3 52.9
65 13.0 10.2 15.2



#23
Isophorone
Concen: 47.689 ng/ul
RT: 9.852 min Scan# 1116
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion: 82 Resp: 3117324
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.6 14.0 21.0

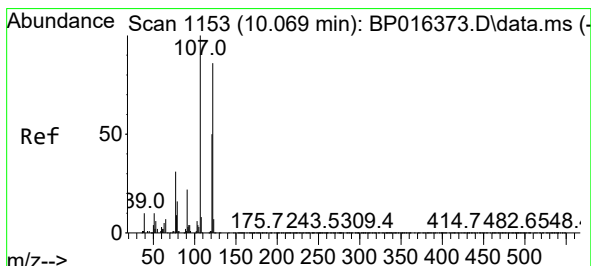
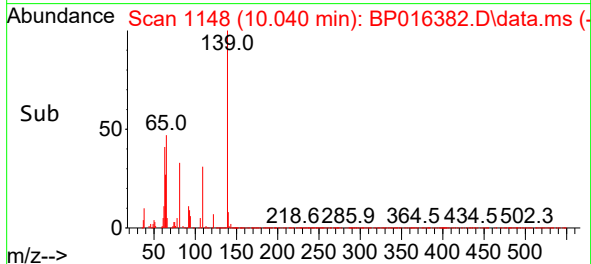
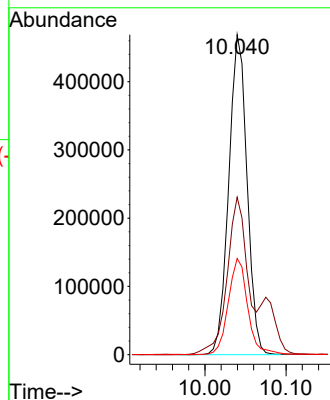
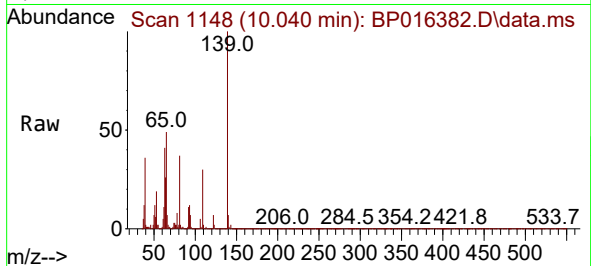




#25
2-Nitrophenol
Concen: 65.754 ng/ul
RT: 10.040 min Scan# 1148
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

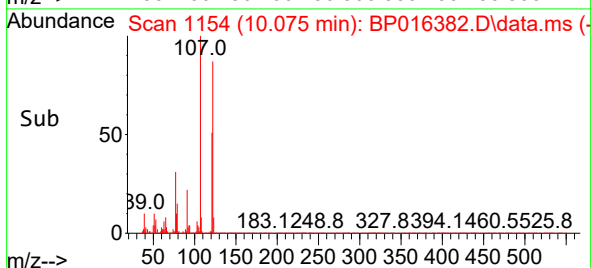
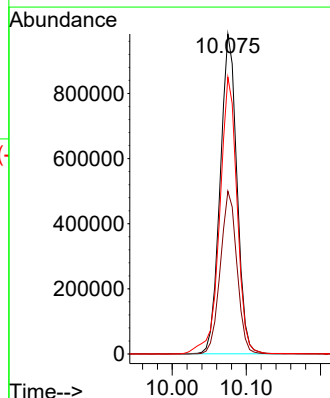
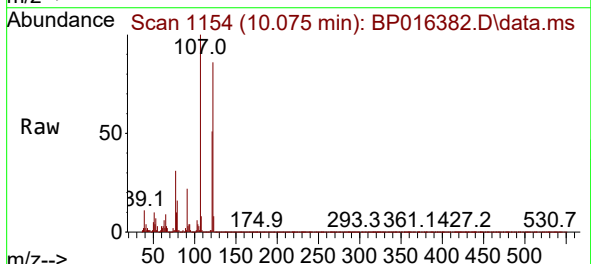
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

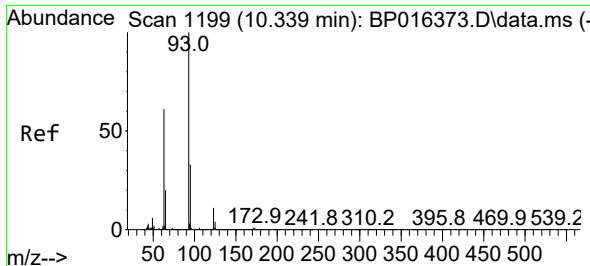
Tgt Ion:139 Resp: 733524
Ion Ratio Lower Upper
139 100
65 49.2 38.7 58.1
109 30.0 25.3 37.9



#26
2,4-Dimethylphenol
Concen: 48.904 ng/ul
RT: 10.075 min Scan# 1154
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:107 Resp: 1542514
Ion Ratio Lower Upper
107 100
121 50.9 39.8 59.6
122 86.5 69.0 103.4



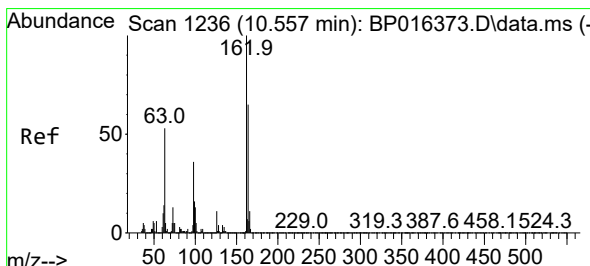
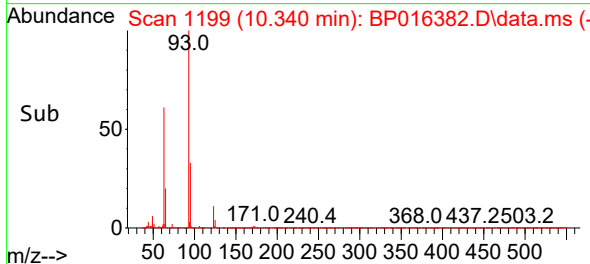
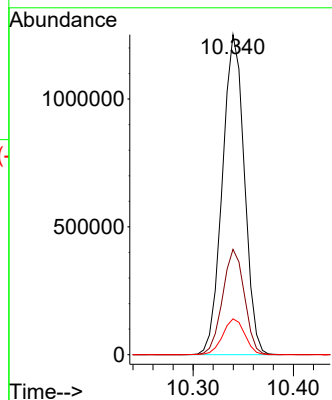
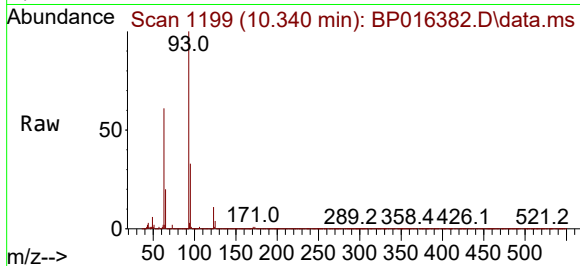


#27
 Bis(2-Chloroethoxy)methane
 Concen: 48.289 ng/ul
 RT: 10.340 min Scan# 1199
 Delta R.T. -0.003 min
 Lab File: BP016382.D
 Acq: 26 Jul 2023 19:14

Instrument :
 BNA_P
 ClientSampleId :
 DCHA2MSD

Tgt Ion: 93 Resp: 1903100

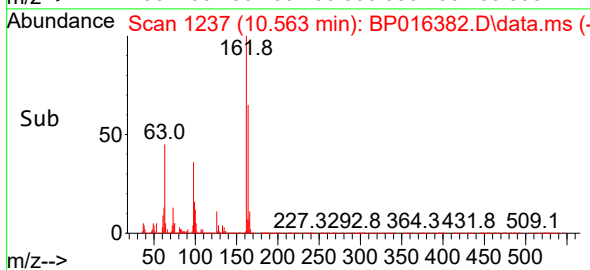
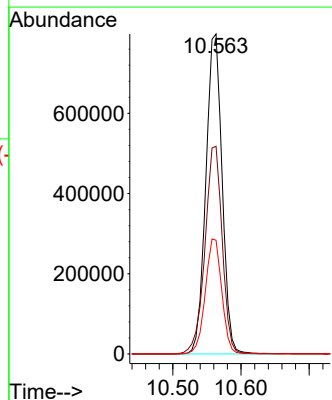
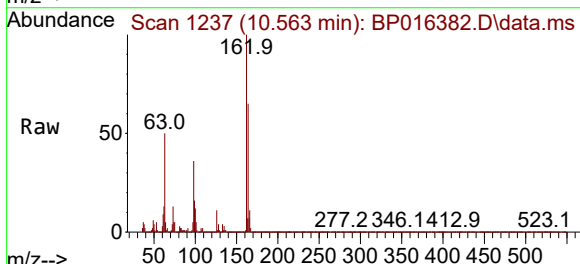
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.9	38.9
123	11.2	8.8	13.2

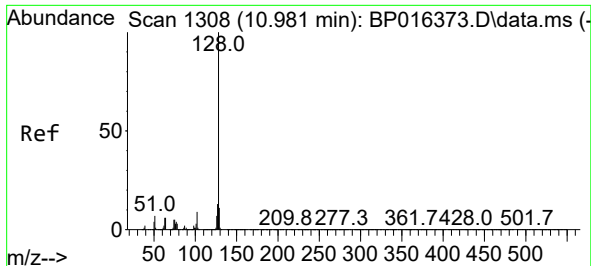


#29
 2,4-Dichlorophenol
 Concen: 52.924 ng/ul
 RT: 10.563 min Scan# 1237
 Delta R.T. 0.003 min
 Lab File: BP016382.D
 Acq: 26 Jul 2023 19:14

Tgt Ion: 162 Resp: 1325844

Ion	Ratio	Lower	Upper
162	100		
164	64.9	51.4	77.0
98	35.5	30.6	46.0

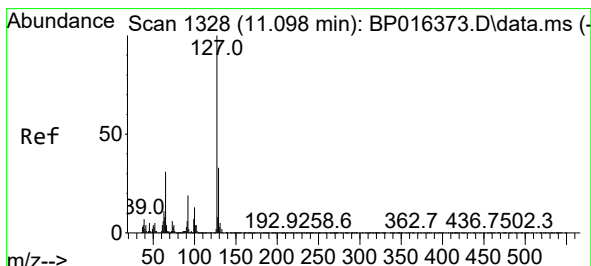
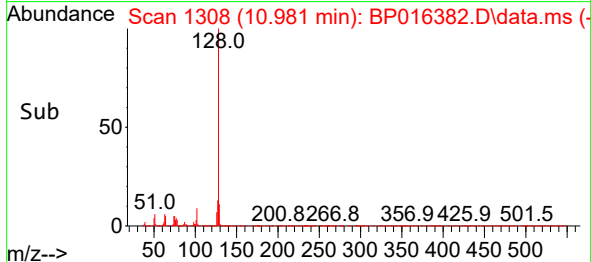
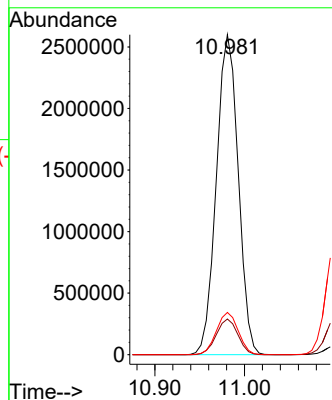
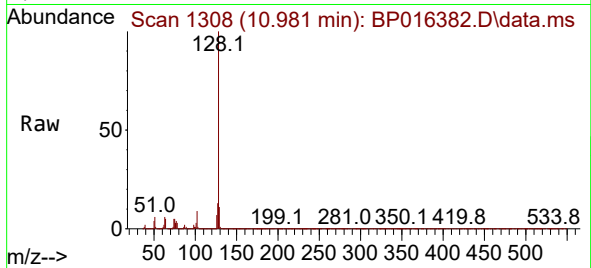




#30
Naphthalene
Concen: 48.243 ng/ul
RT: 10.981 min Scan# 1308
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

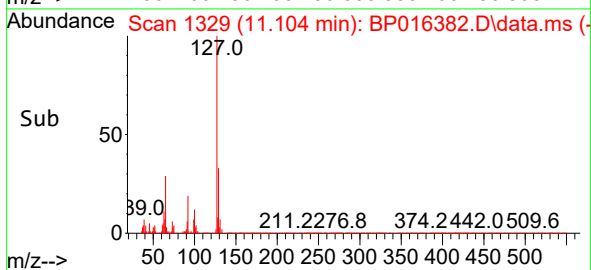
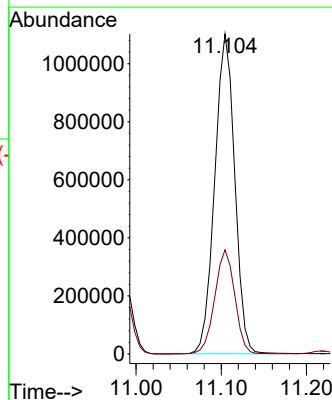
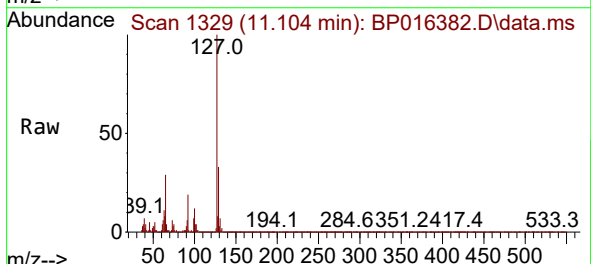
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

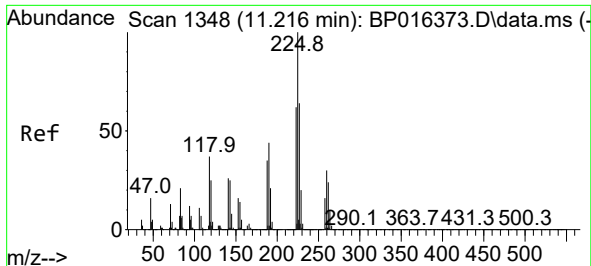
Tgt Ion:128 Resp: 4398636
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.6 15.8



#32
4-Chloroaniline
Concen: 47.568 ng/ul
RT: 11.104 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:127 Resp: 1797797
Ion Ratio Lower Upper
127 100
129 32.5 25.2 37.8

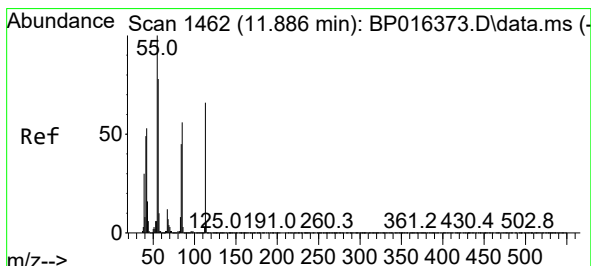
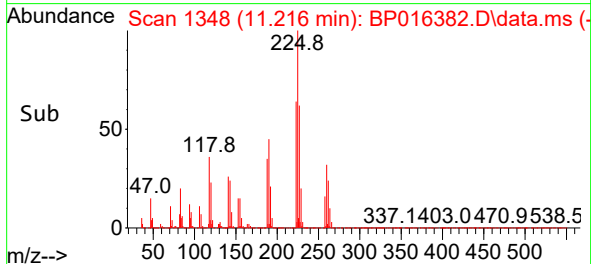
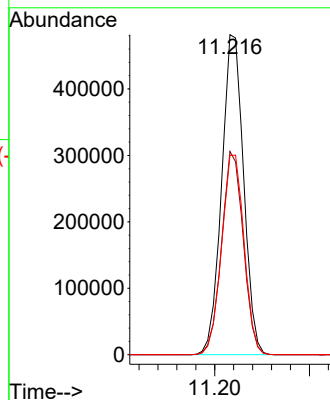
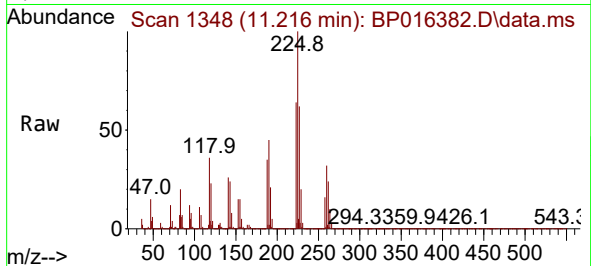




#33
Hexachlorobutadiene
Concen: 47.049 ng/ul
RT: 11.216 min Scan# 1348
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

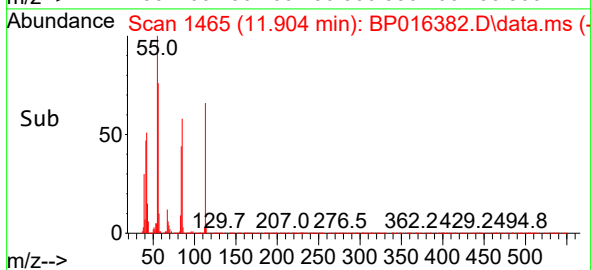
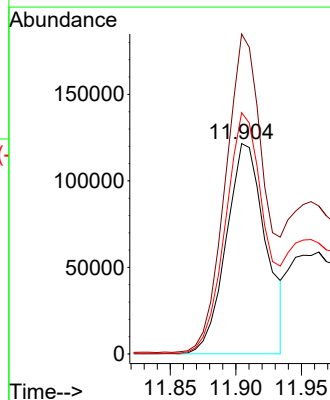
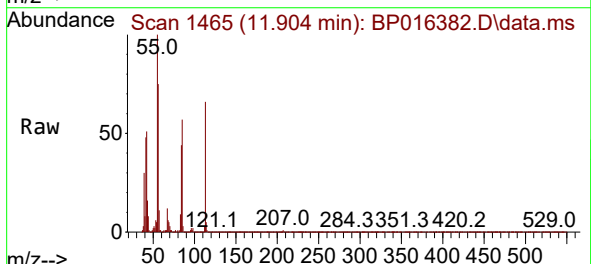
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

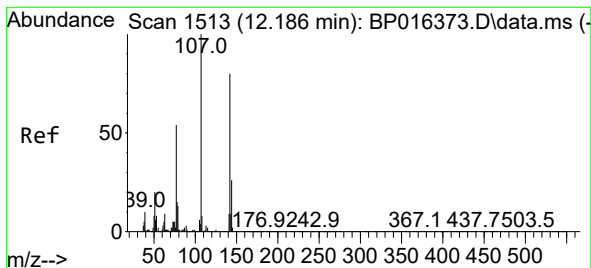
Tgt Ion:225 Resp: 774642
Ion Ratio Lower Upper
225 100
223 63.5 50.1 75.1
227 62.3 51.5 77.3



#34
Caprolactam
Concen: 28.446 ng/ul
RT: 11.904 min Scan# 1465
Delta R.T. 0.015 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:113 Resp: 253848
Ion Ratio Lower Upper
113 100
55 152.1 122.2 183.4
56 114.7 93.8 140.8

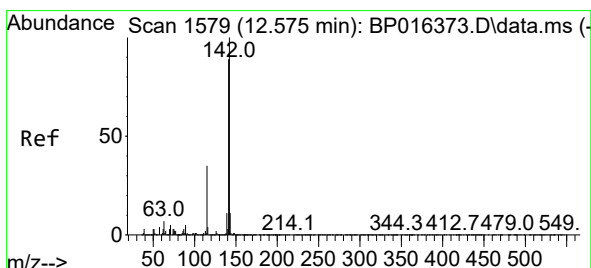
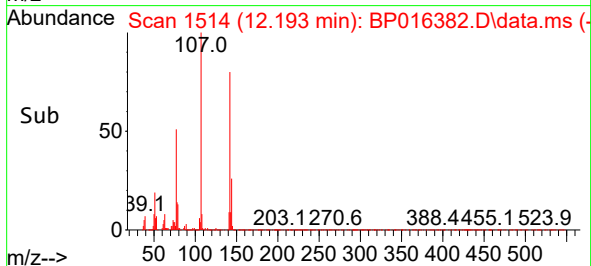
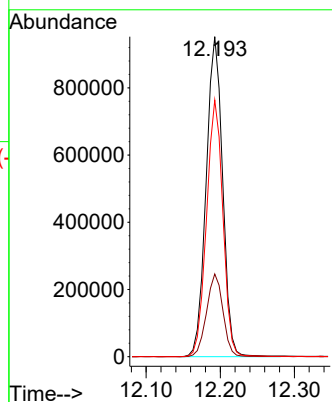
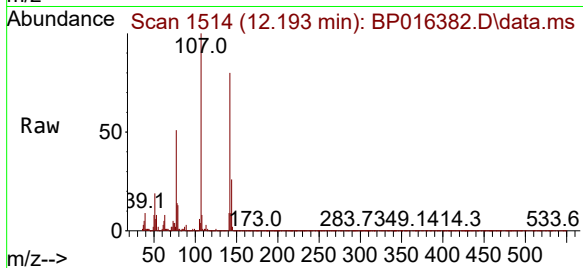




#35
4-Chloro-3-methylphenol
Concen: 53.029 ng/ul
RT: 12.193 min Scan# 1513
Delta R.T. 0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

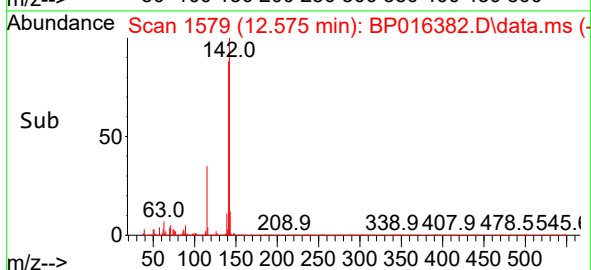
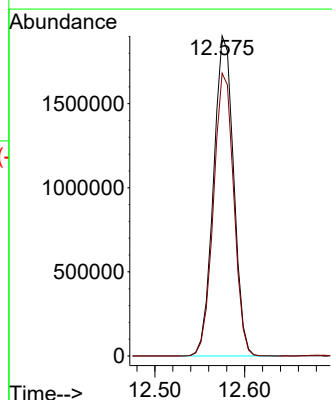
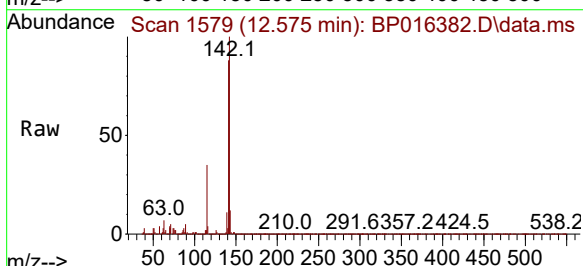
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

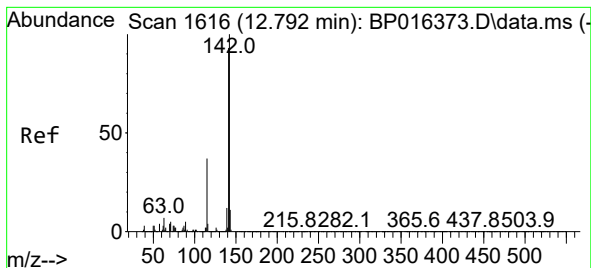
Tgt Ion:107 Resp: 1470477
Ion Ratio Lower Upper
107 100
144 25.8 20.2 30.2
142 80.2 62.6 93.8



#36
2-Methylnaphthalene
Concen: 47.798 ng/ul
RT: 12.575 min Scan# 1579
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:142 Resp: 2970006
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9





#37

1-Methylnaphthalene

Concen: 47.477 ng/ul

RT: 12.793 min Scan# 1

Delta R.T. -0.009 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Instrument :

BNA_P

ClientSampleId :

DCHA2MSD

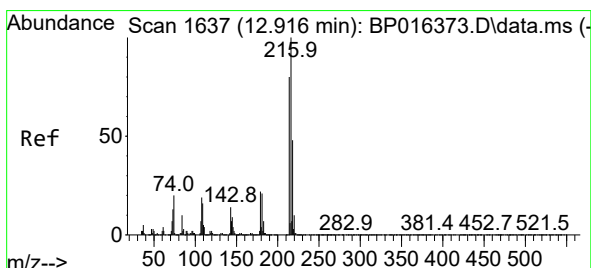
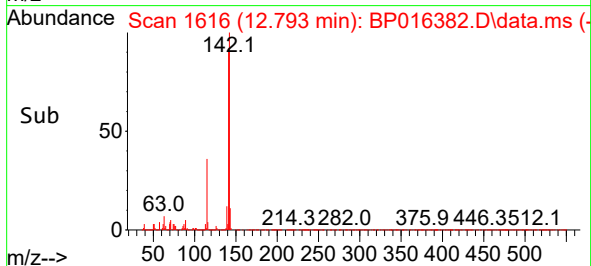
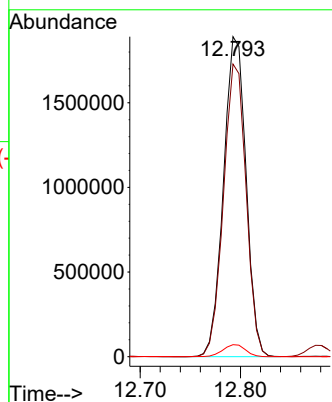
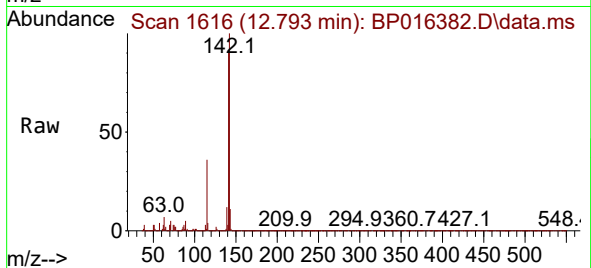
Tgt Ion:142 Resp: 2949587

Ion Ratio Lower Upper

142 100

141 91.4 73.2 109.8

116 3.8 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.529 ng/ul

RT: 12.922 min Scan# 1638

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Tgt Ion:216 Resp: 1522274

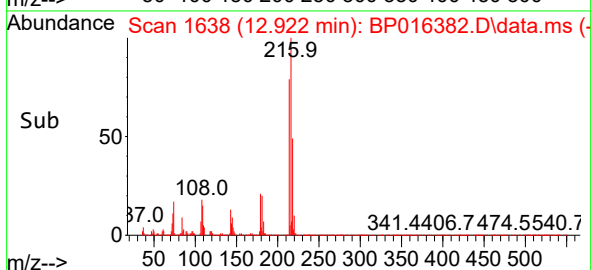
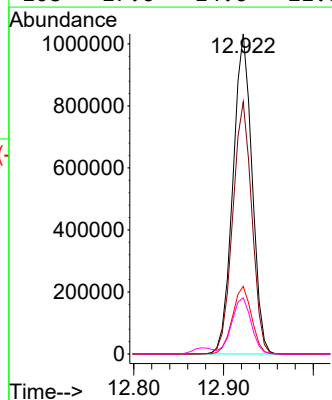
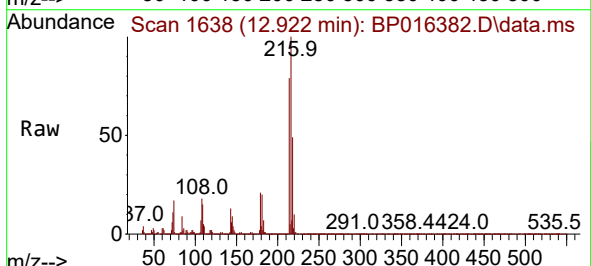
Ion Ratio Lower Upper

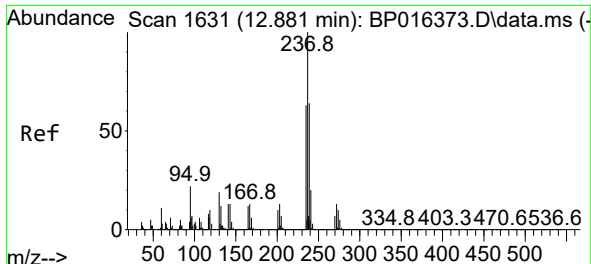
216 100

214 78.8 63.6 95.4

179 21.1 17.4 26.0

108 17.6 14.6 21.8

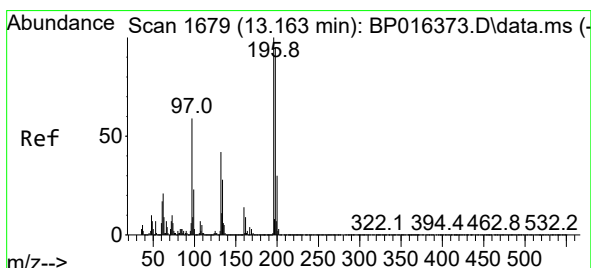
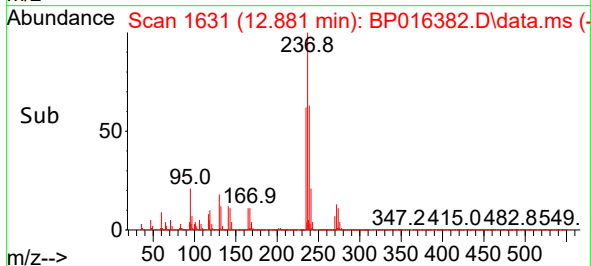
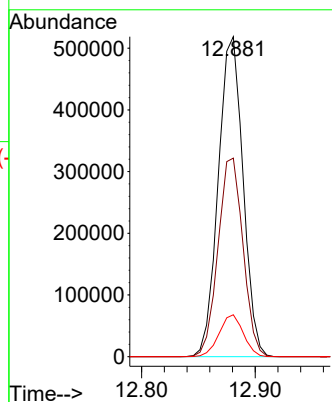
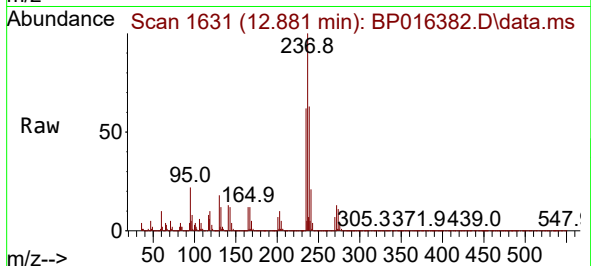




#40
Hexachlorocyclopentadiene
Concen: 35.098 ng/ul
RT: 12.881 min Scan# 1631
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

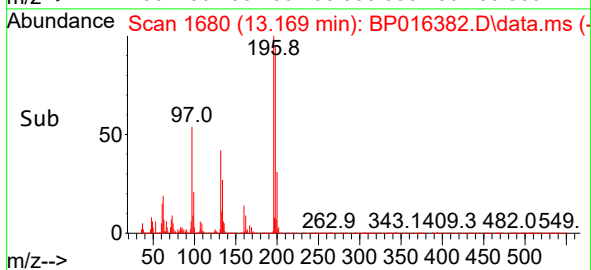
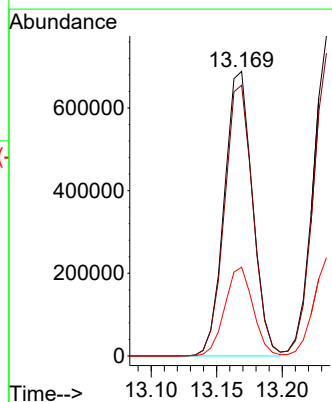
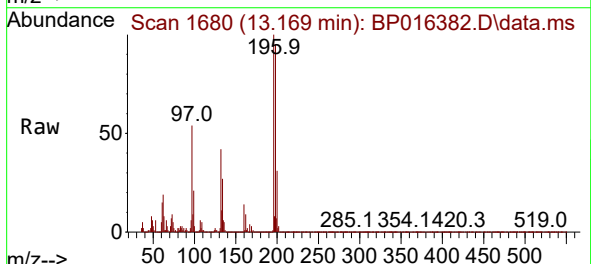
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

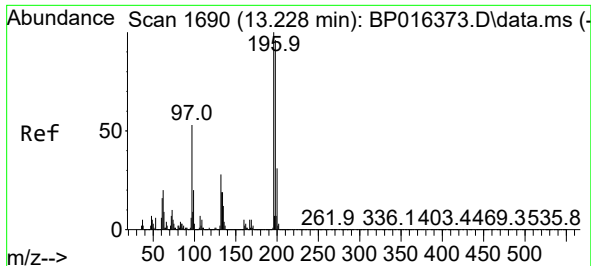
Tgt Ion:237 Resp: 785958
Ion Ratio Lower Upper
237 100
235 62.1 51.2 76.8
272 13.1 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 55.865 ng/ul
RT: 13.169 min Scan# 1680
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:196 Resp: 1032487
Ion Ratio Lower Upper
196 100
198 95.1 77.7 116.5
200 31.2 25.0 37.6

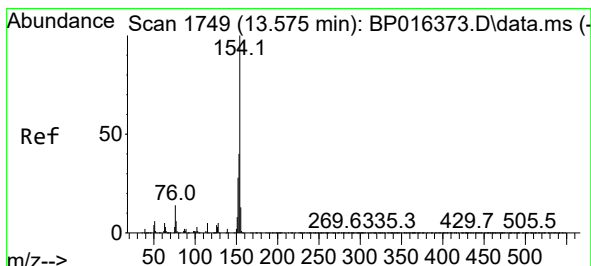
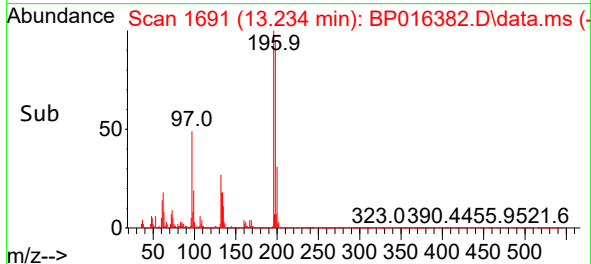
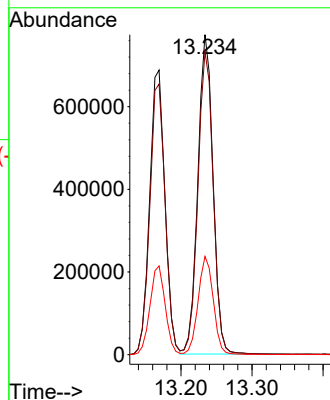
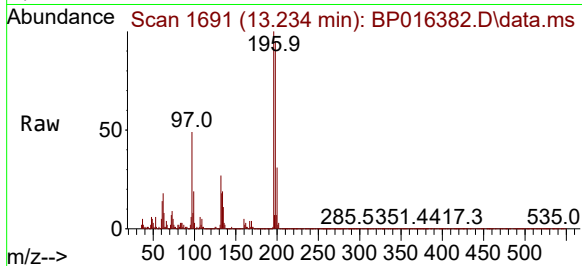




#42
2,4,5-Trichlorophenol
Concen: 58.372 ng/ul
RT: 13.234 min Scan# 1
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

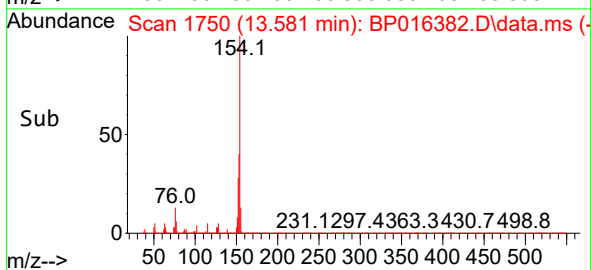
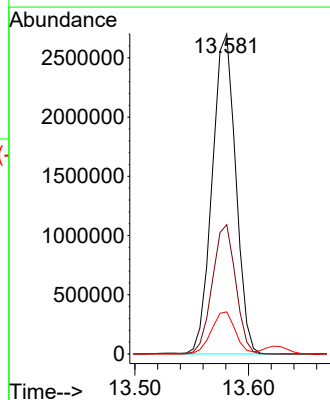
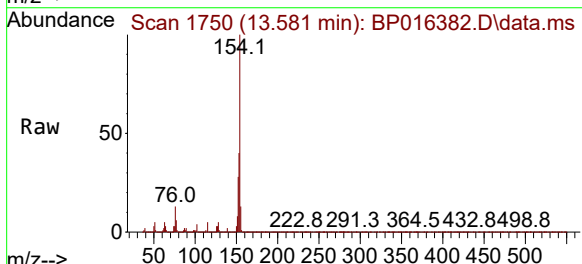
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

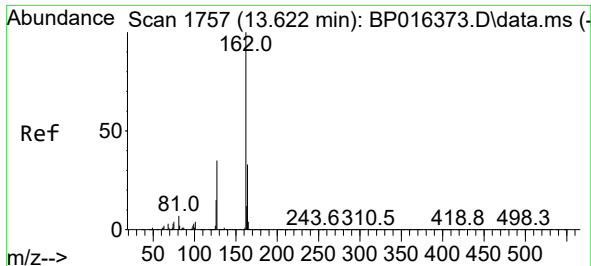
Tgt Ion:196 Resp: 1154540
Ion Ratio Lower Upper
196 100
198 94.7 77.0 115.4
200 30.7 24.8 37.2



#43
1,1'-Biphenyl
Concen: 48.486 ng/ul
RT: 13.581 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:154 Resp: 3887216
Ion Ratio Lower Upper
154 100
153 40.4 32.3 48.5
76 13.2 10.7 16.1

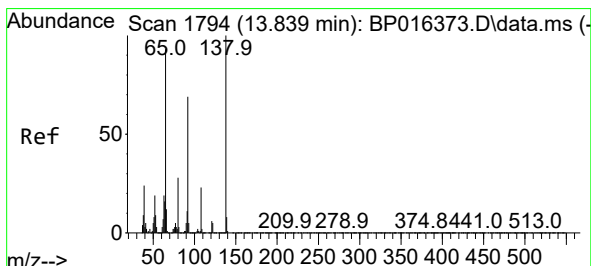
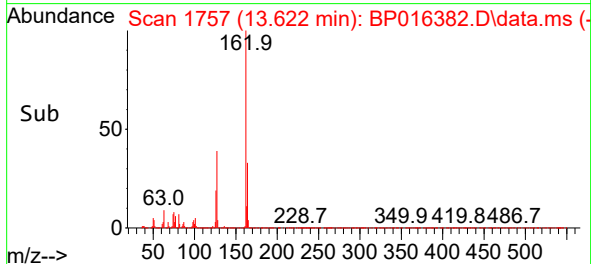
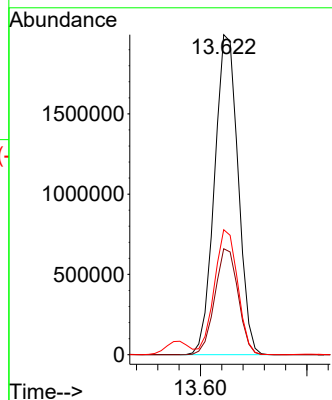
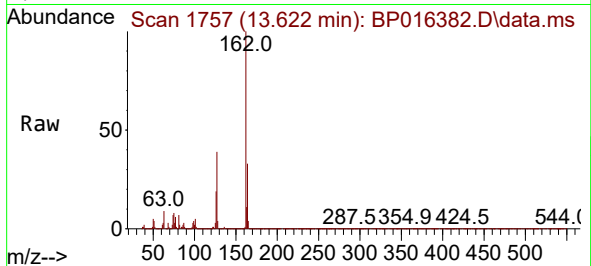




#44
2-Chloronaphthalene
Concen: 48.748 ng/ul
RT: 13.622 min Scan# 1757
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

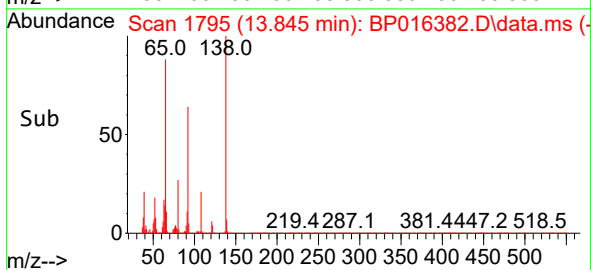
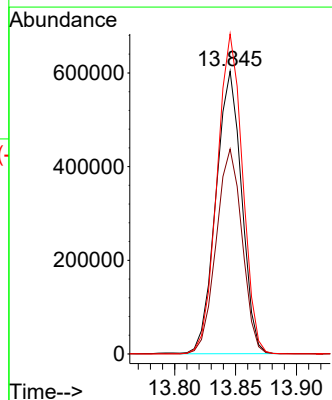
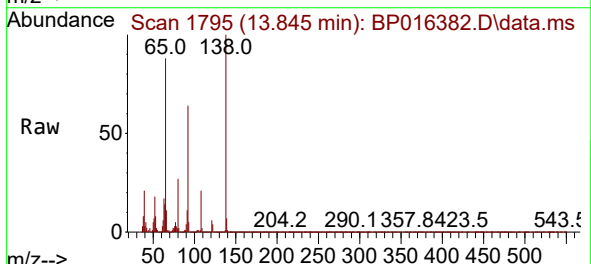
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

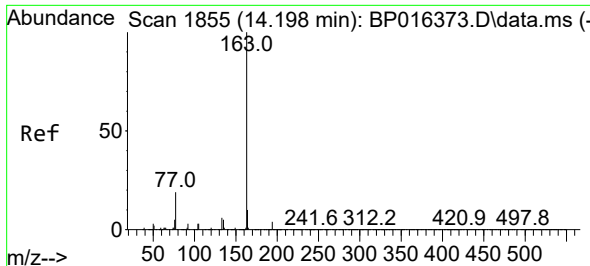
Tgt Ion:162 Resp: 3057362
Ion Ratio Lower Upper
162 100
164 33.1 26.6 40.0
127 39.1 31.0 46.4



#45
2-Nitroaniline
Concen: 67.616 ng/ul
RT: 13.845 min Scan# 1795
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion: 65 Resp: 887315
Ion Ratio Lower Upper
65 100
92 72.5 56.8 85.2
138 113.2 83.9 125.9

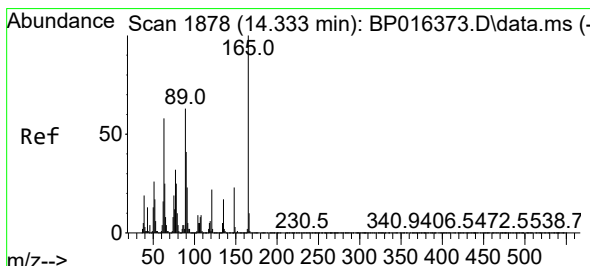
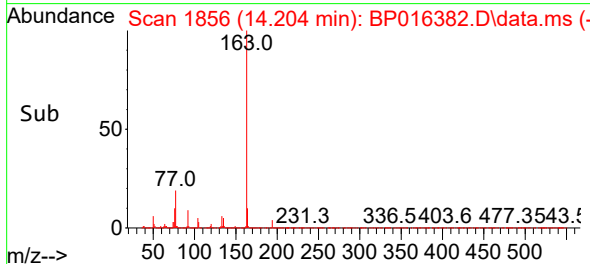
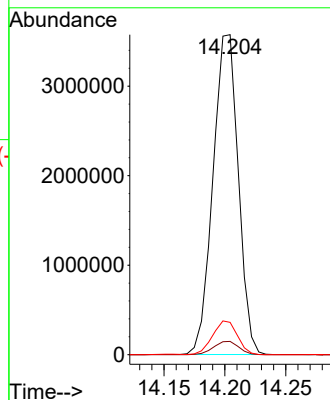
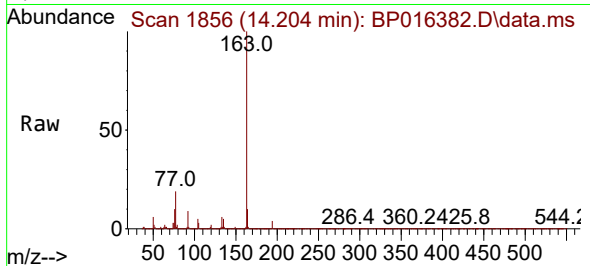




#47
Dimethylphthalate
Concen: 66.048 ng/ul
RT: 14.204 min Scan# 1856
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

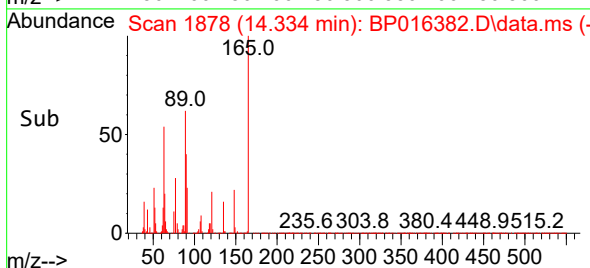
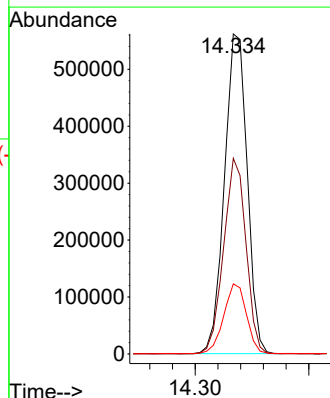
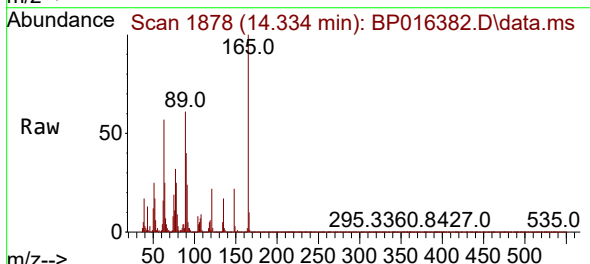
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

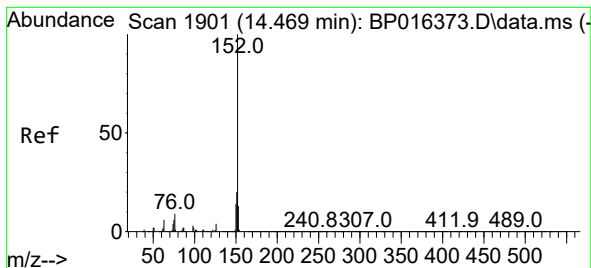
Tgt Ion:163 Resp: 5175864
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 69.176 ng/ul
RT: 14.334 min Scan# 1878
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:165 Resp: 781191
Ion Ratio Lower Upper
165 100
89 61.2 53.8 80.6
121 21.9 20.0 30.0





#50

Acenaphthylene

Concen: 45.097 ng/ul

RT: 14.469 min Scan# 1901

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Instrument :

BNA_P

ClientSampleId :

DCHA2MSD

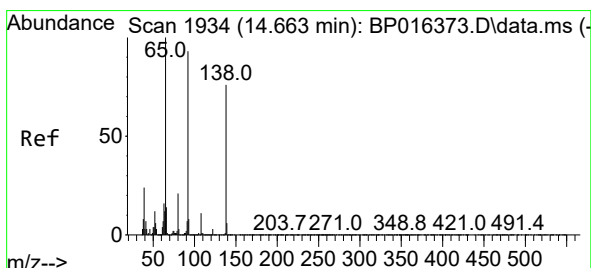
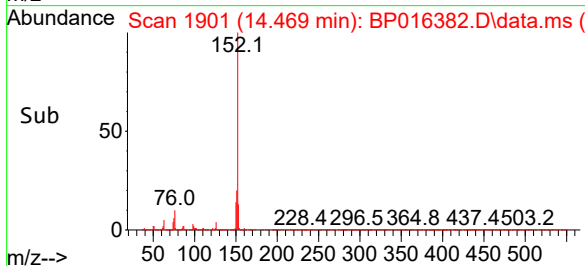
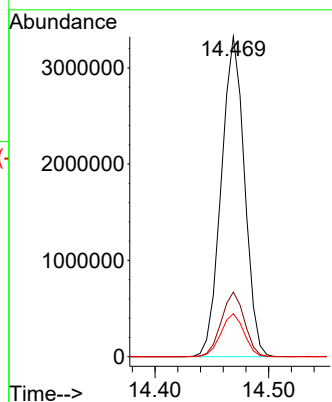
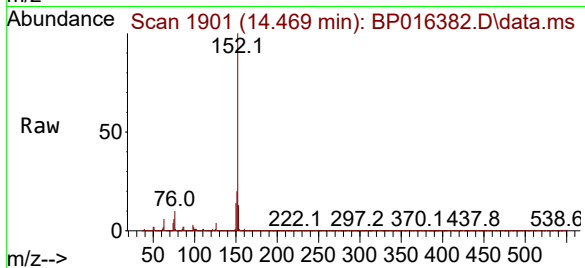
Tgt Ion:152 Resp: 4716713

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.4 10.6 16.0



#51

3-Nitroaniline

Concen: 65.347 ng/ul

RT: 14.669 min Scan# 1935

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

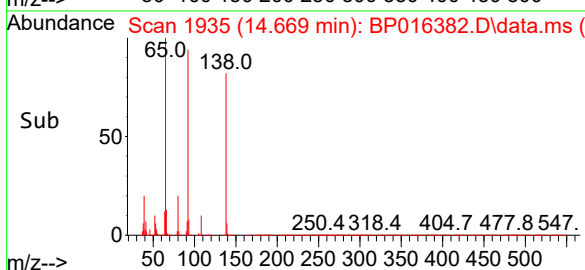
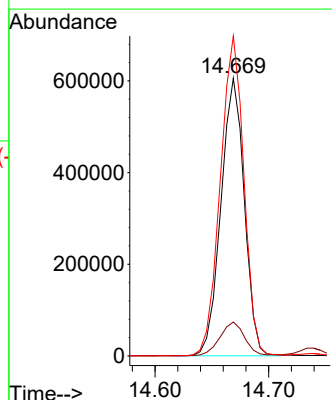
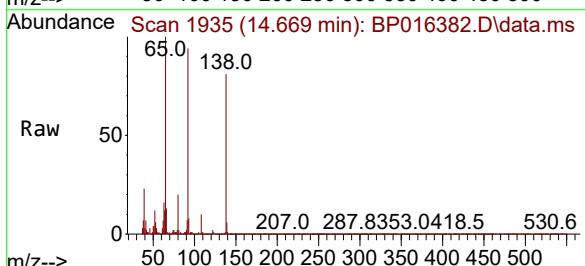
Tgt Ion:138 Resp: 863318

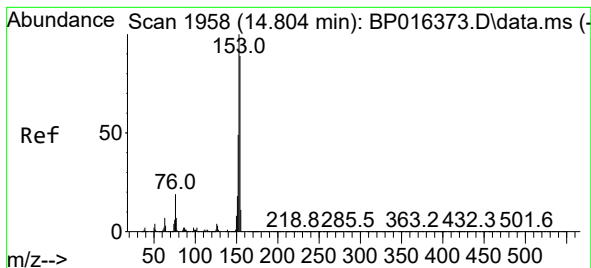
Ion Ratio Lower Upper

138 100

108 12.2 16.6 24.8#

92 115.2 94.3 141.5





#52

Acenaphthene

Concen: 48.373 ng/ul

RT: 14.804 min Scan# 1958

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Instrument :

BNA_P

ClientSampleId :

DCHA2MSD

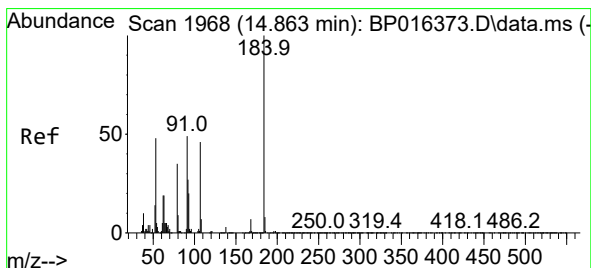
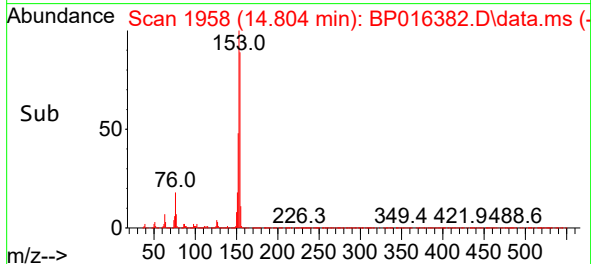
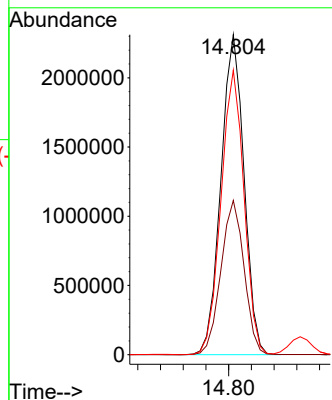
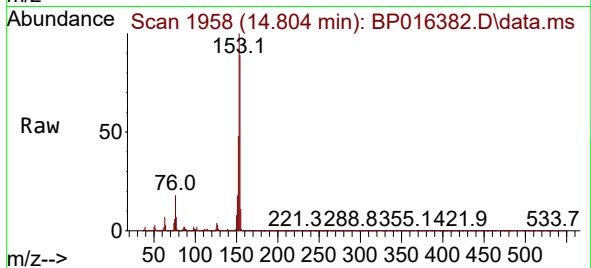
Tgt Ion:153 Resp: 3262310

Ion Ratio Lower Upper

153 100

152 48.2 38.8 58.2

154 88.9 71.7 107.5



#53

2,4-Dinitrophenol

Concen: 57.073 ng/ul

RT: 14.863 min Scan# 1968

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

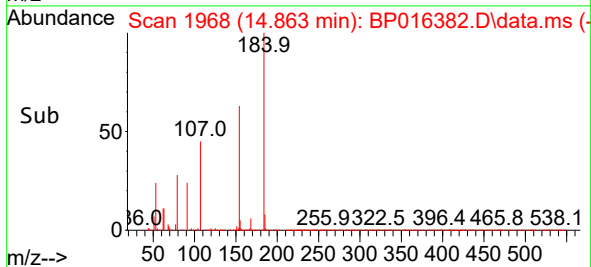
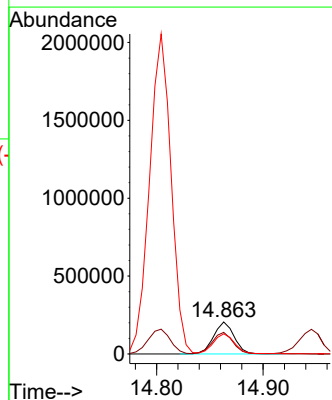
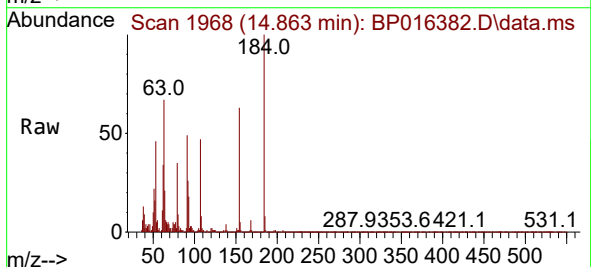
Tgt Ion:184 Resp: 275655

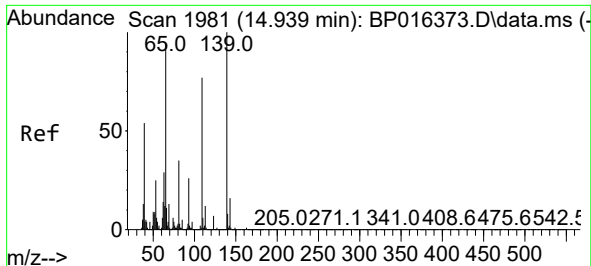
Ion Ratio Lower Upper

184 100

63 67.5 60.0 90.0

154 62.9 55.2 82.8

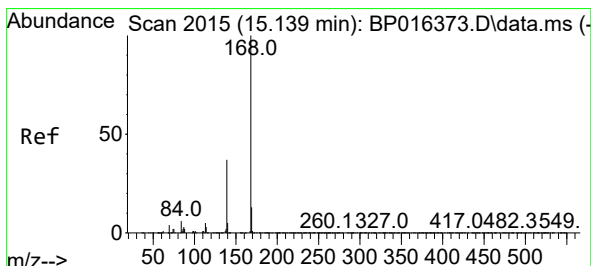
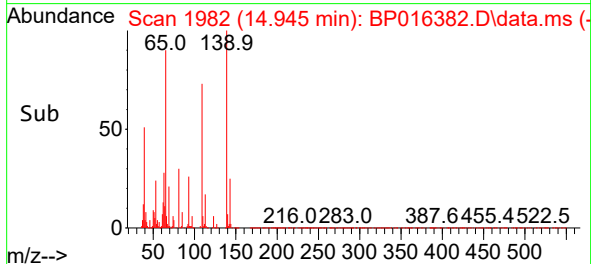
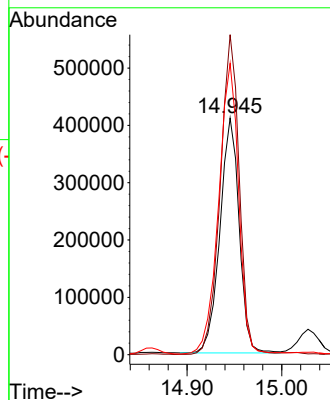
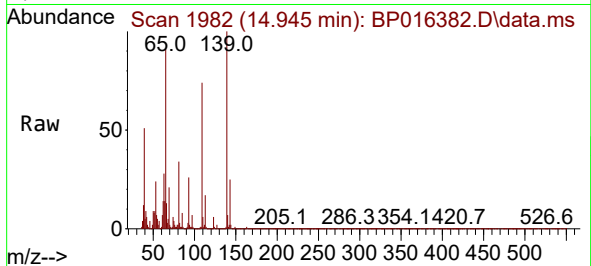




#55
4-Nitrophenol
Concen: 55.147 ng/ul
RT: 14.945 min Scan# 1981
Delta R.T. 0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

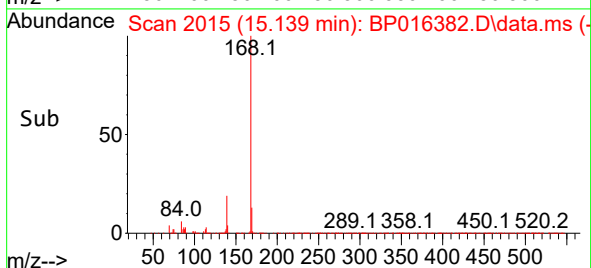
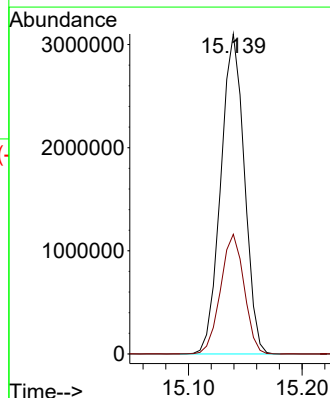
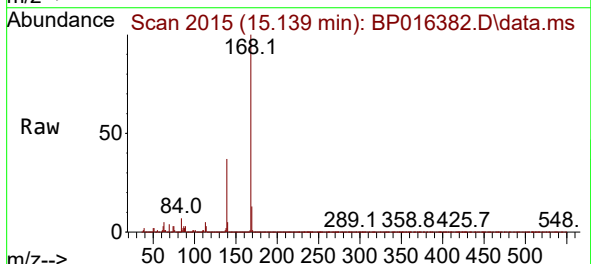
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

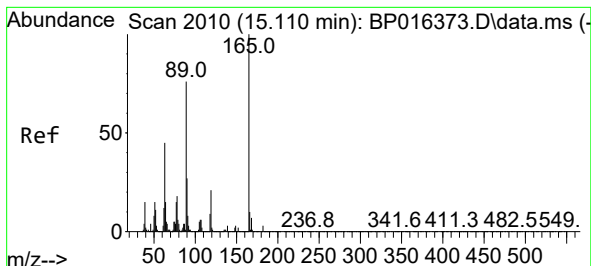
Tgt Ion:109 Resp: 578793
Ion Ratio Lower Upper
109 100
139 135.2 103.5 155.3
65 123.1 98.6 148.0



#56
Dibenzofuran
Concen: 48.452 ng/ul
RT: 15.139 min Scan# 2015
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:168 Resp: 4473254
Ion Ratio Lower Upper
168 100
139 37.4 30.0 45.0

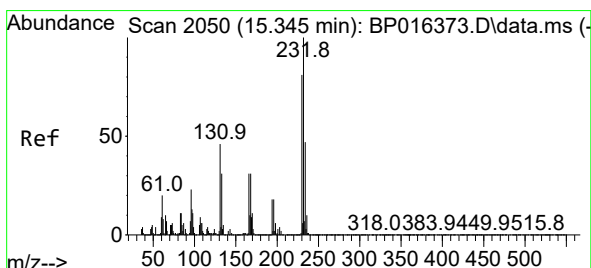
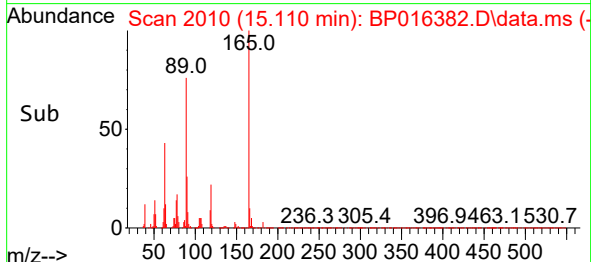
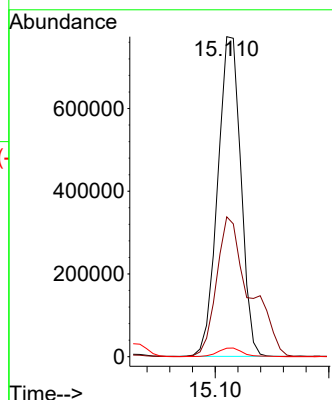
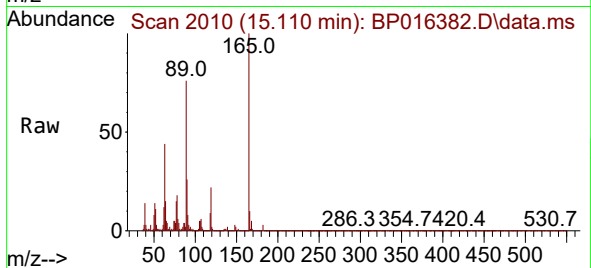




#57
 2,4-Dinitrotoluene
 Concen: 68.136 ng/ul
 RT: 15.110 min Scan# 2010
 Delta R.T. -0.003 min
 Lab File: BP016382.D
 Acq: 26 Jul 2023 19:14

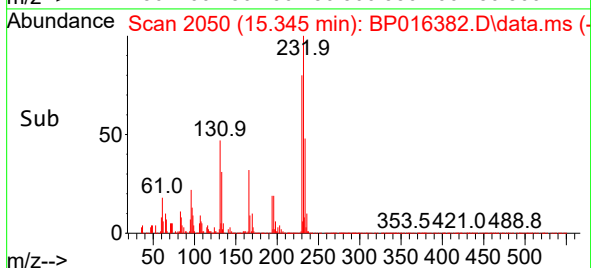
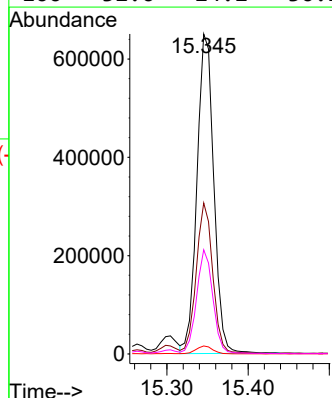
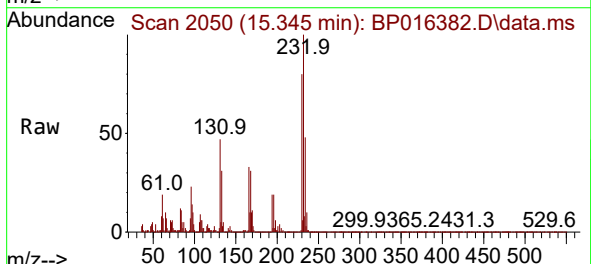
Instrument :
 BNA_P
 ClientSampleId :
 DCHA2MSD

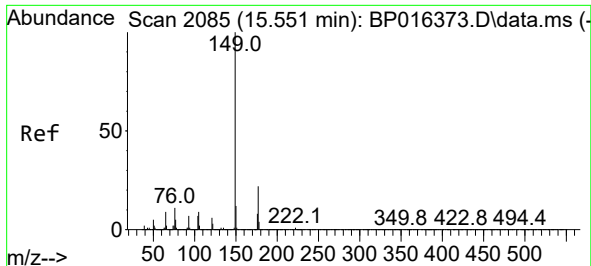
Tgt Ion:165 Resp: 1097007
 Ion Ratio Lower Upper
 165 100
 63 43.7 37.4 56.2
 182 2.7 2.2 3.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.415 ng/ul
 RT: 15.345 min Scan# 2050
 Delta R.T. -0.009 min
 Lab File: BP016382.D
 Acq: 26 Jul 2023 19:14

Tgt Ion:232 Resp: 937500
 Ion Ratio Lower Upper
 232 100
 131 47.2 35.1 52.7
 130 2.5 2.1 3.1
 166 32.6 24.2 36.2

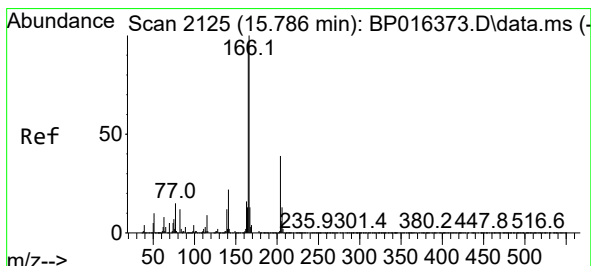
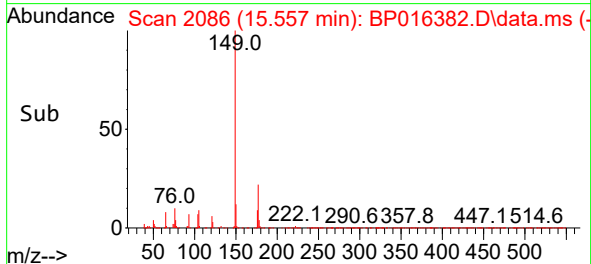
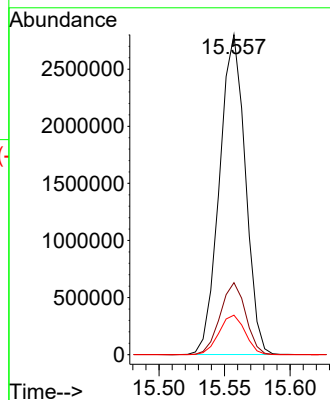
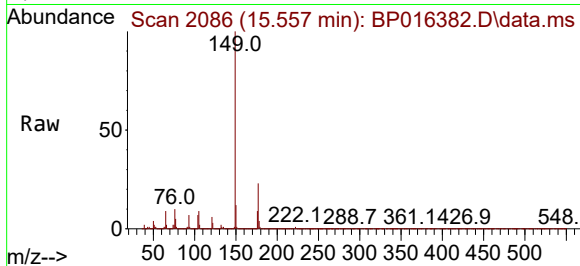




#59
Diethylphthalate
Concen: 48.711 ng/ul
RT: 15.557 min Scan# 2085
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

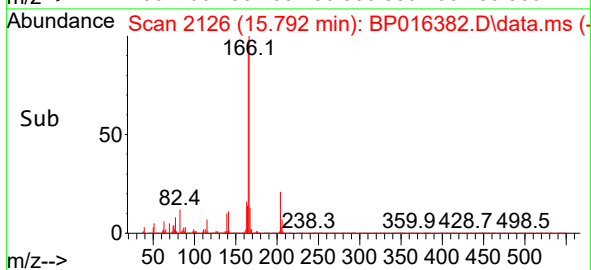
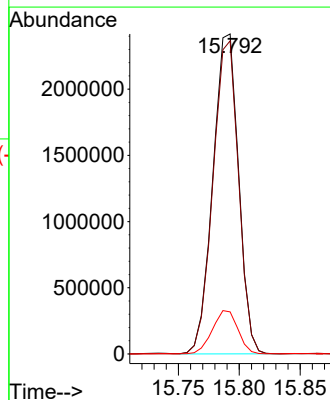
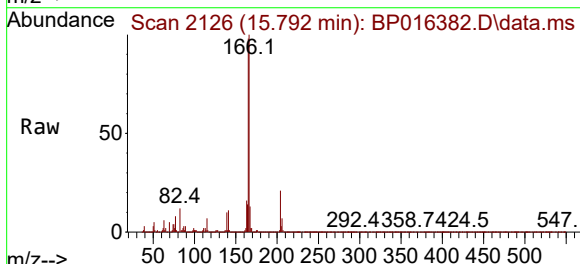
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

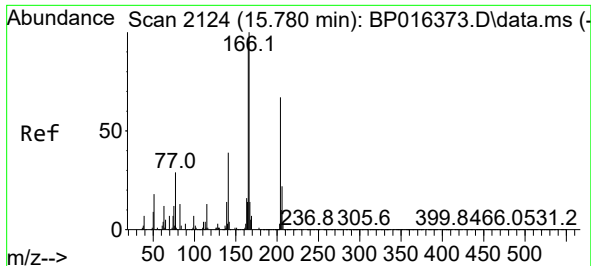
Tgt Ion:149 Resp: 3844662
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.4 9.9 14.9



#61
Fluorene
Concen: 47.244 ng/ul
RT: 15.792 min Scan# 2126
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:166 Resp: 3542854
Ion Ratio Lower Upper
166 100
165 97.9 77.0 115.4
167 13.1 10.6 15.8

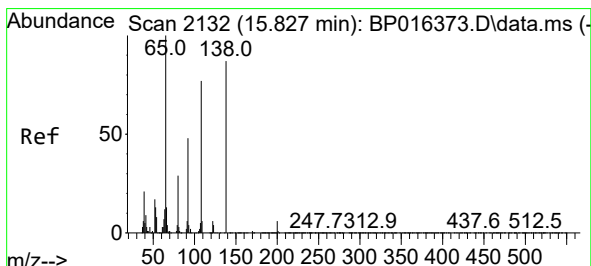
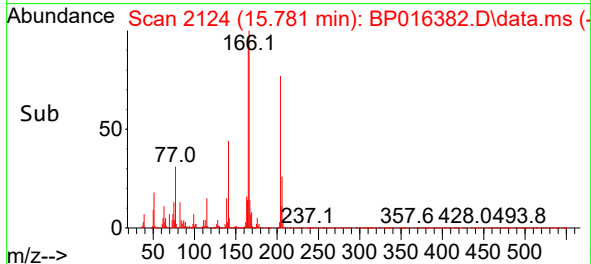
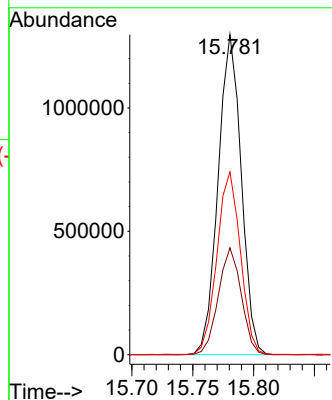
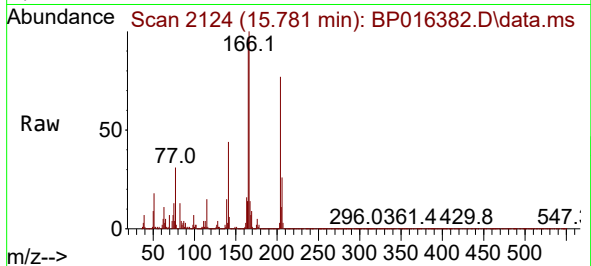




#62
4-Chlorophenyl-phenylether
Concen: 46.904 ng/ul
RT: 15.781 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

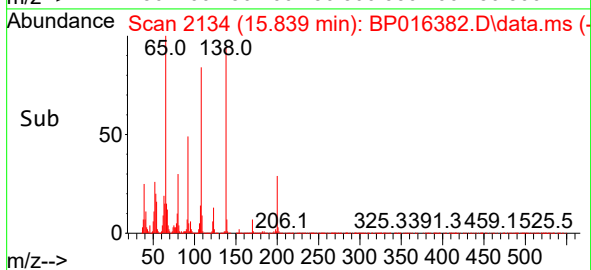
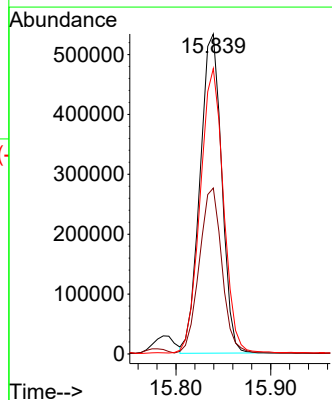
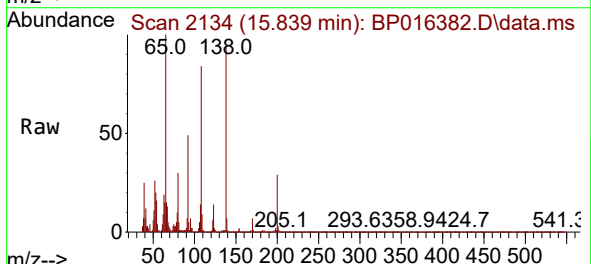
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

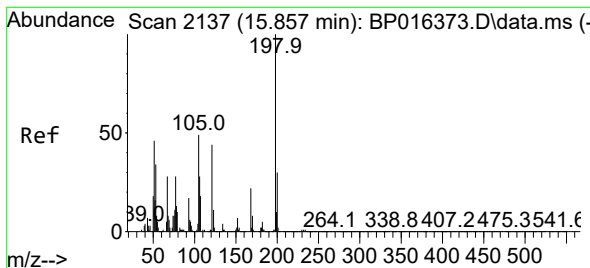
Tgt Ion:204 Resp: 1714712
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 57.2 46.2 69.4



#63
4-Nitroaniline
Concen: 70.173 ng/ul
RT: 15.839 min Scan# 2134
Delta R.T. 0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:138 Resp: 850111
Ion Ratio Lower Upper
138 100
92 51.9 45.3 67.9
108 89.2 76.4 114.6

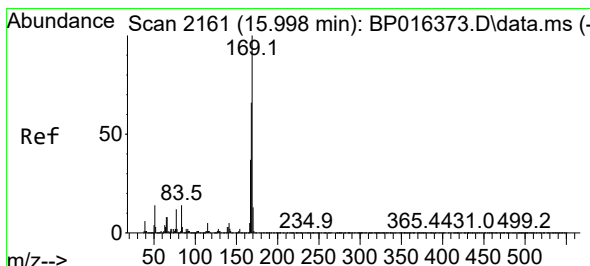
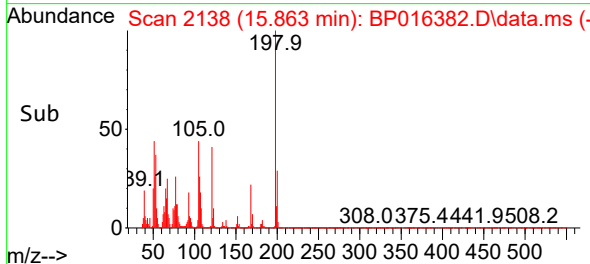
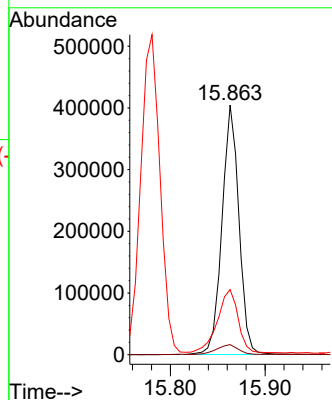
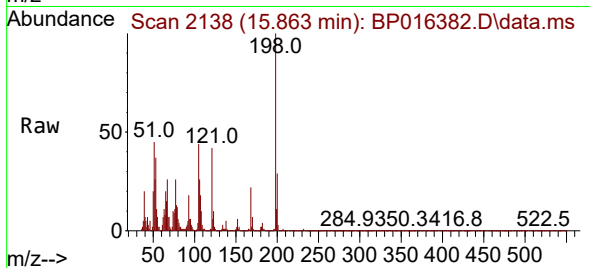




#66
4,6-Dinitro-2-methylphenol
Concen: 54.921 ng/ul
RT: 15.863 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

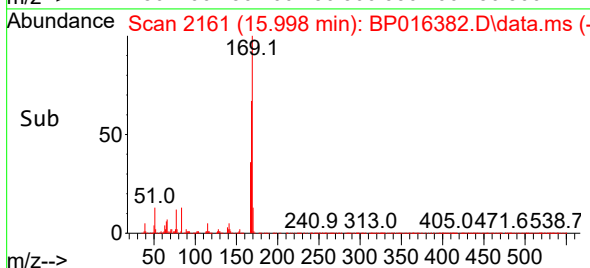
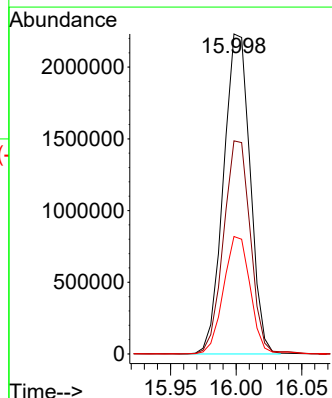
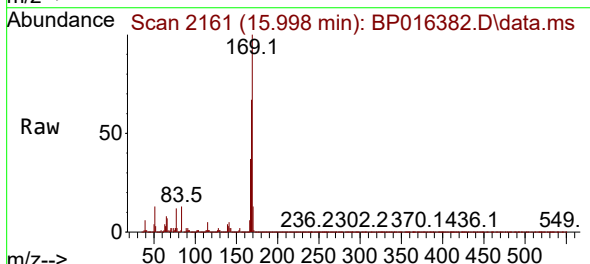
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

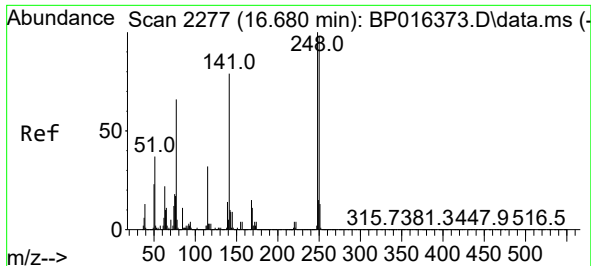
Tgt Ion:198 Resp: 503509
Ion Ratio Lower Upper
198 100
182 4.1 3.8 5.8
77 26.1 21.6 32.4



#67
N-Nitrosodiphenylamine
Concen: 48.178 ng/ul
RT: 15.998 min Scan# 2161
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:169 Resp: 3145074
Ion Ratio Lower Upper
169 100
168 66.6 54.0 81.0
167 36.7 29.4 44.2

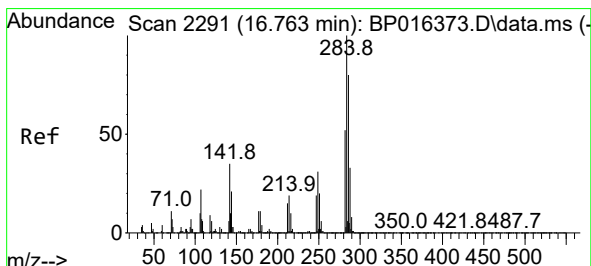
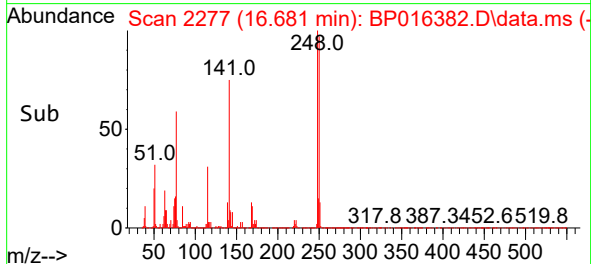
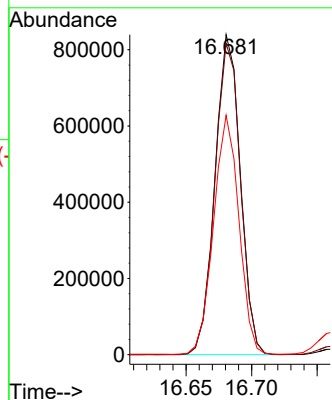
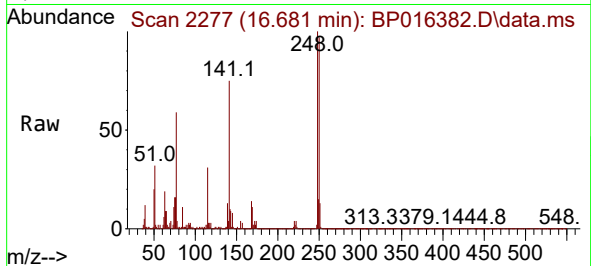




#68
4-Bromophenyl-phenylether
Concen: 51.172 ng/ul
RT: 16.681 min Scan# 2277
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

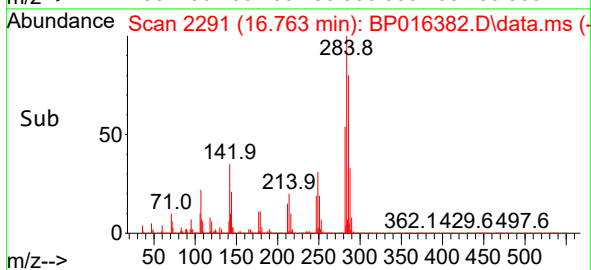
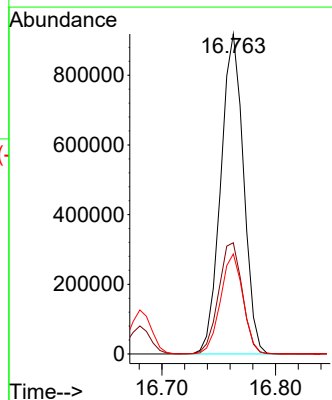
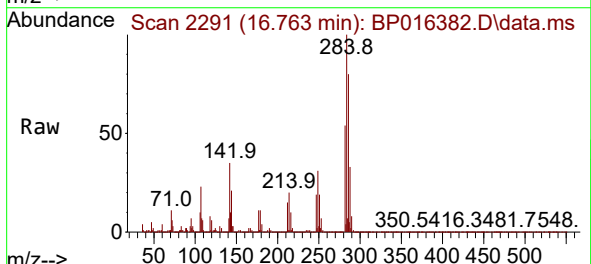
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

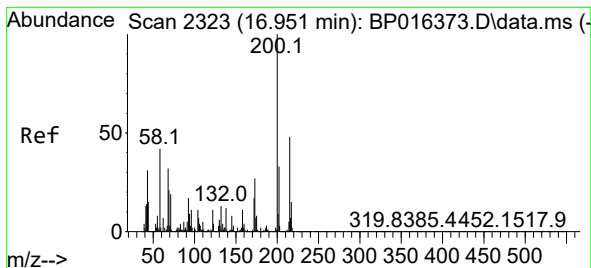
Tgt Ion:248 Resp: 1129884
Ion Ratio Lower Upper
248 100
250 97.3 78.1 117.1
141 74.8 61.2 91.8



#69
Hexachlorobenzene
Concen: 48.338 ng/ul
RT: 16.763 min Scan# 2291
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:284 Resp: 1279870
Ion Ratio Lower Upper
284 100
142 34.8 29.7 44.5
249 31.3 24.8 37.2





#70

Atrazine

Concen: 47.160 ng/ul

RT: 16.957 min Scan# 21

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Instrument :

BNA_P

ClientSampleId :

DCHA2MSD

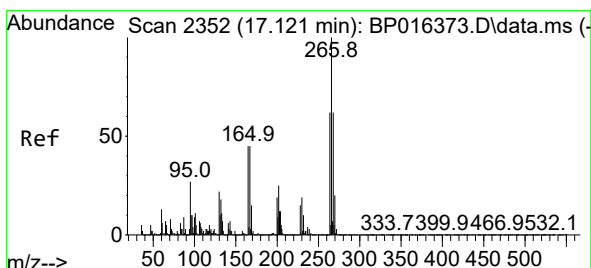
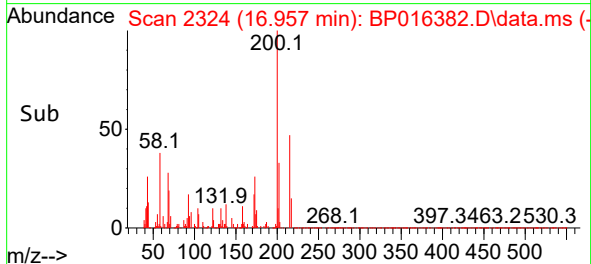
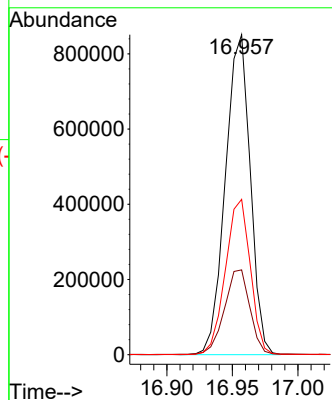
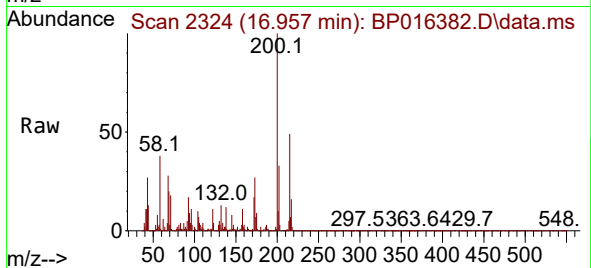
Tgt Ion:200 Resp: 1123249

Ion Ratio Lower Upper

200 100

173 26.5 21.7 32.5

215 48.5 38.5 57.7



#71

Pentachlorophenol

Concen: 96.716 ng/ul

RT: 17.122 min Scan# 2352

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

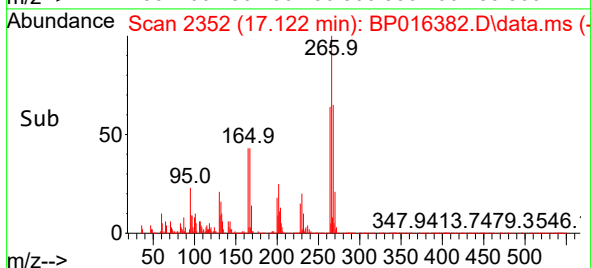
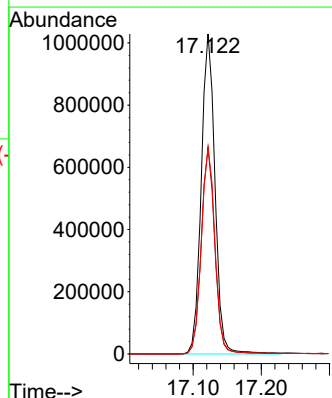
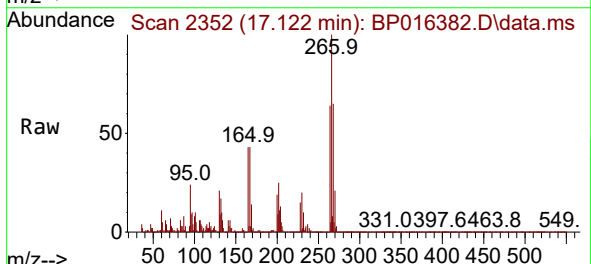
Tgt Ion:266 Resp: 1443054

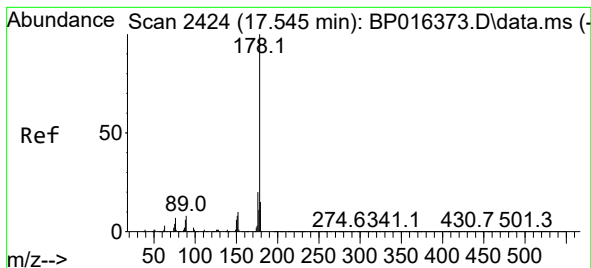
Ion Ratio Lower Upper

266 100

264 64.3 50.9 76.3

268 64.7 51.5 77.3





#72

Phenanthrene

Concen: 47.907 ng/ul

RT: 17.545 min Scan# 2424

Delta R.T. -0.009 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Instrument :

BNA_P

ClientSampleId :

DCHA2MSD

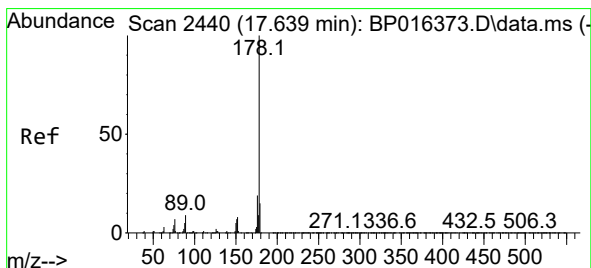
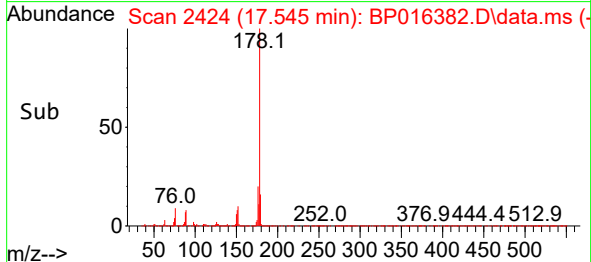
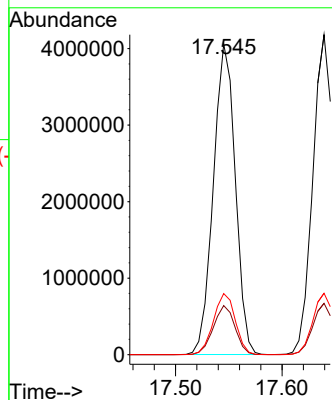
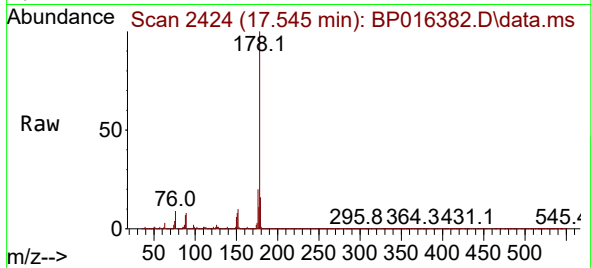
Tgt Ion:178 Resp: 5804010

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.7 15.4 23.0



#74

Anthracene

Concen: 46.582 ng/ul

RT: 17.639 min Scan# 2440

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

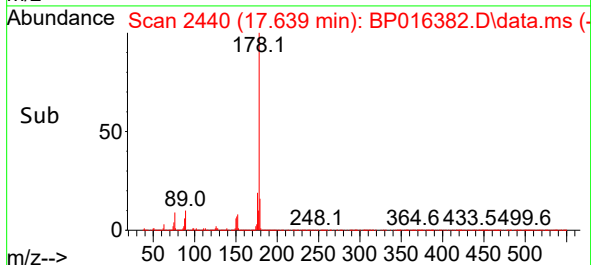
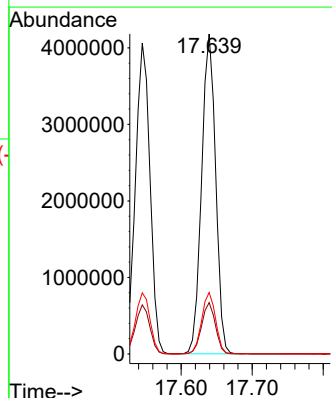
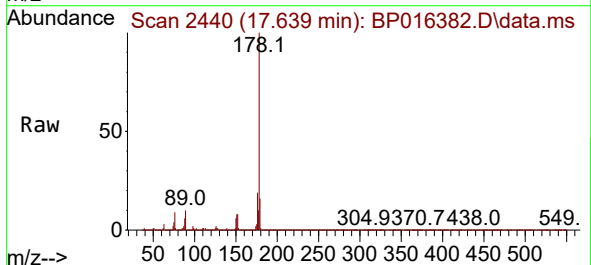
Tgt Ion:178 Resp: 5748669

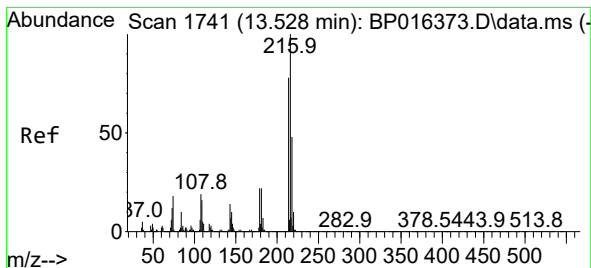
Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

176 19.2 15.1 22.7

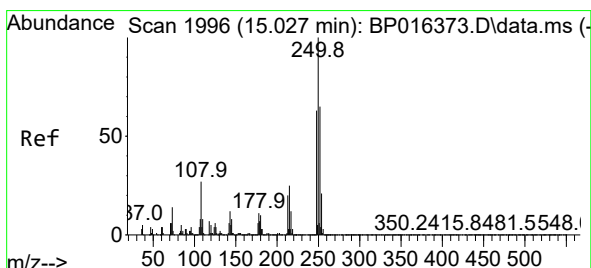
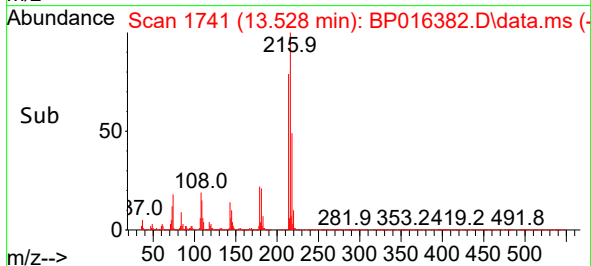
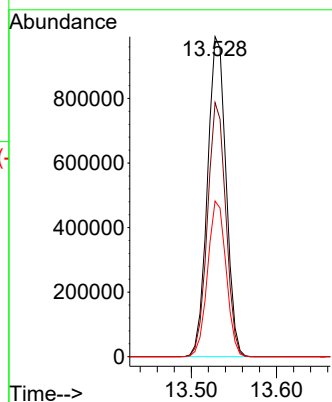
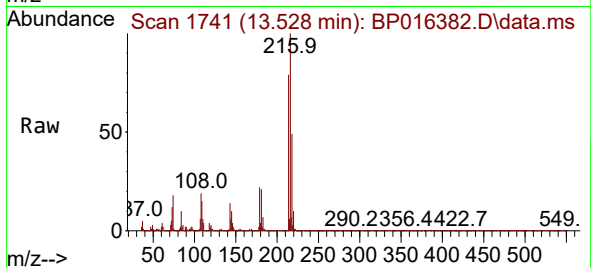




#75
1,2,3,4-Tetrachlorobenzene
Concen: 44.552 ng/uL
RT: 13.528 min Scan# 1741
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

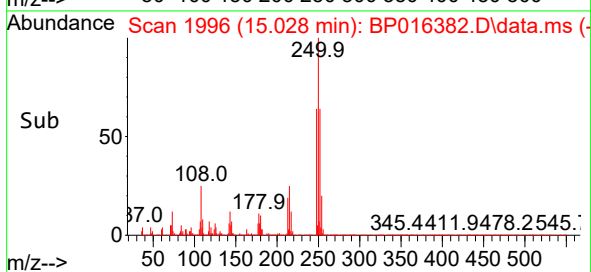
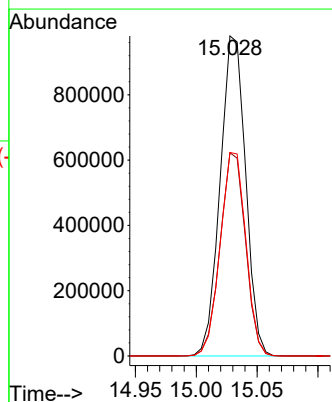
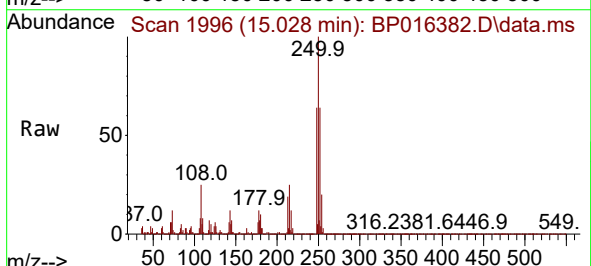
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

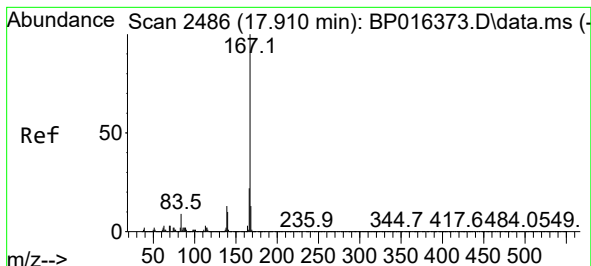
Tgt Ion:216 Resp: 1497268
Ion Ratio Lower Upper
216 100
214 79.4 62.8 94.2
218 48.7 38.6 58.0



#76
Pentachlorobenzene
Concen: 48.038 ng/uL
RT: 15.028 min Scan# 1996
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:250 Resp: 1426640
Ion Ratio Lower Upper
250 100
248 63.5 50.1 75.1
252 63.6 51.0 76.6





#77

Carbazole

Concen: 51.767 ng/ul

RT: 17.910 min Scan# 2486

Delta R.T. -0.009 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Instrument :

BNA_P

ClientSampleId :

DCHA2MSD

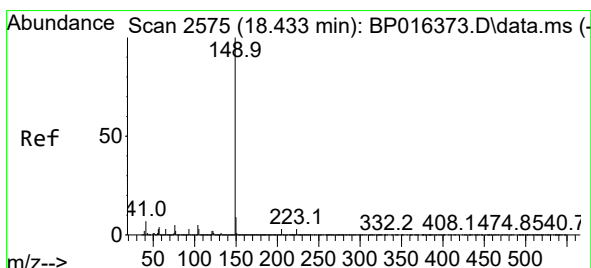
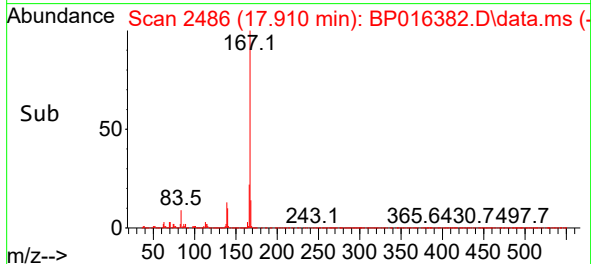
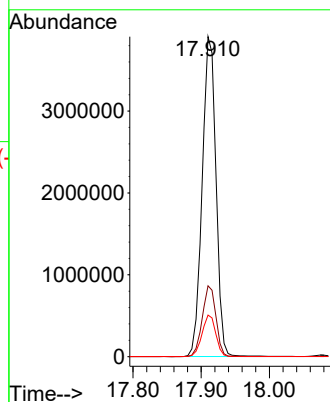
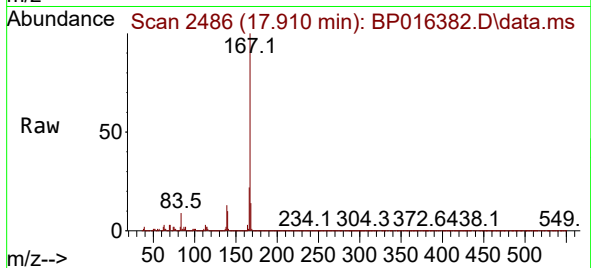
Tgt Ion:167 Resp: 5498998

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

139 13.0 10.4 15.6



#78

Di-n-butylphthalate

Concen: 49.986 ng/ul

RT: 18.433 min Scan# 2575

Delta R.T. -0.009 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

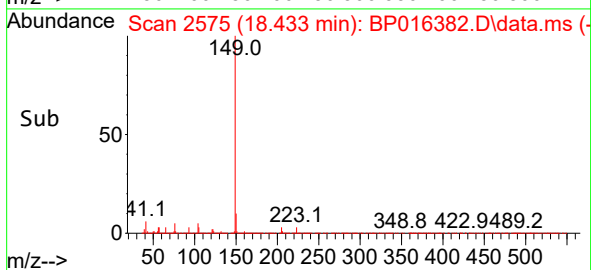
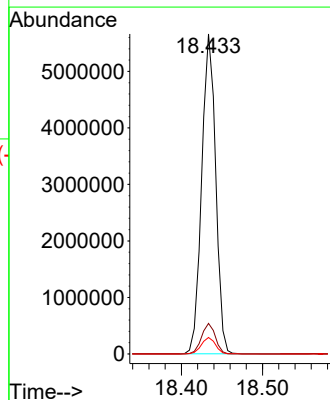
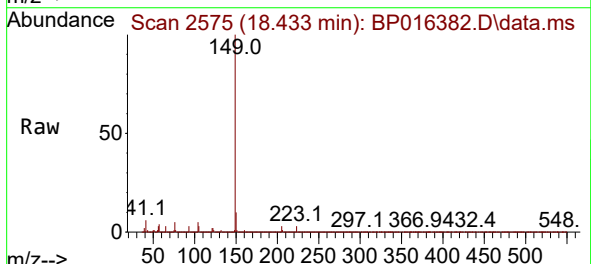
Tgt Ion:149 Resp: 6762041

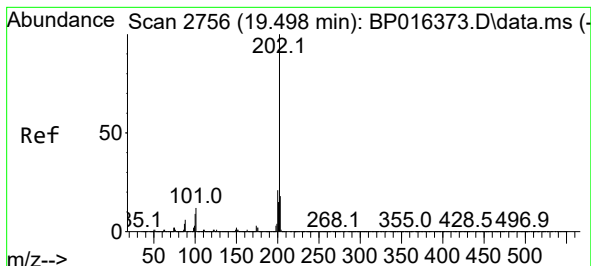
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.2 4.3 6.5





#80

Fluoranthene

Concen: 48.051 ng/ul

RT: 19.498 min Scan# 21

Delta R.T. -0.009 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Instrument :

BNA_P

ClientSampleId :

DCHA2MSD

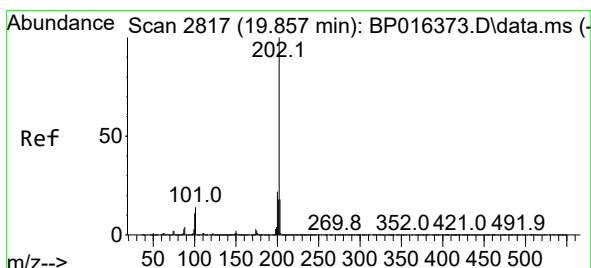
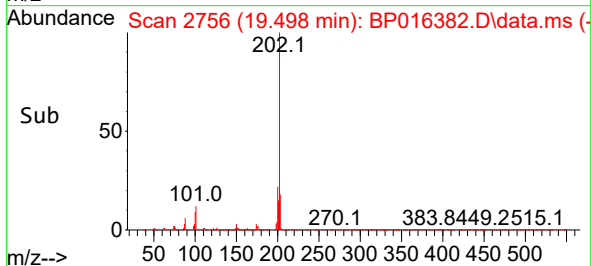
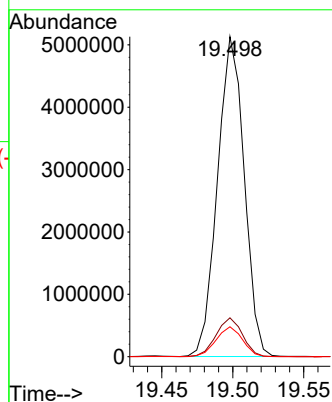
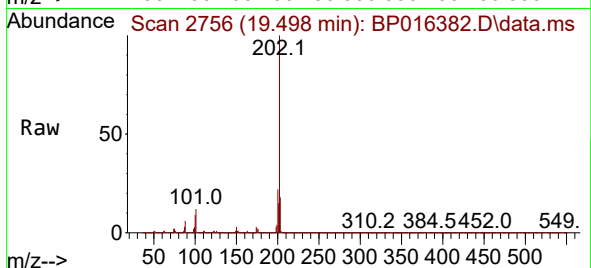
Tgt Ion:202 Resp: 6711744

Ion Ratio Lower Upper

202 100

101 12.2 9.1 13.7

100 9.3 7.1 10.7



#82

Pyrene

Concen: 47.548 ng/ul

RT: 19.857 min Scan# 2817

Delta R.T. -0.003 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

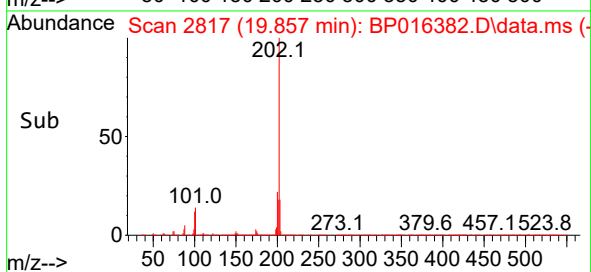
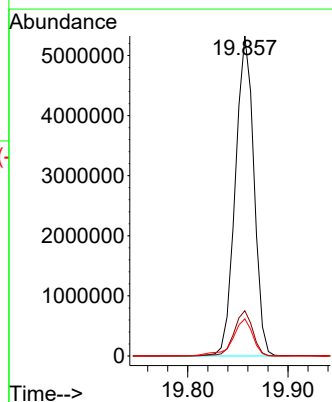
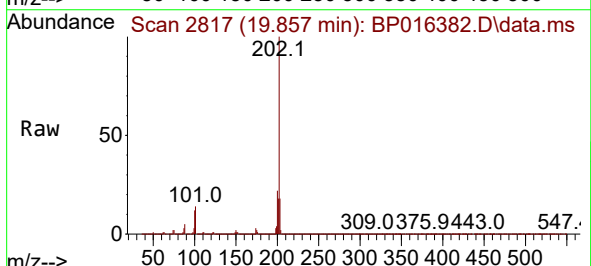
Tgt Ion:202 Resp: 6861558

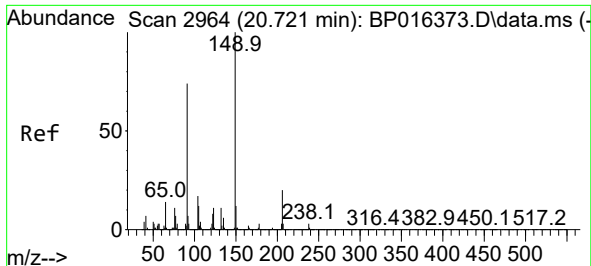
Ion Ratio Lower Upper

202 100

101 14.1 11.2 16.8

100 11.6 9.4 14.0

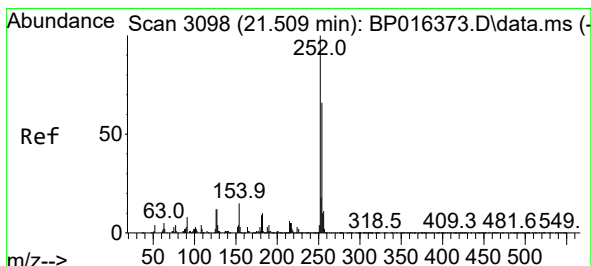
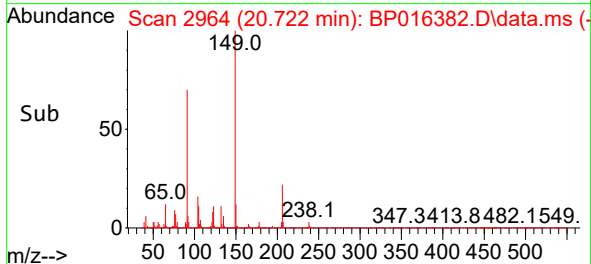
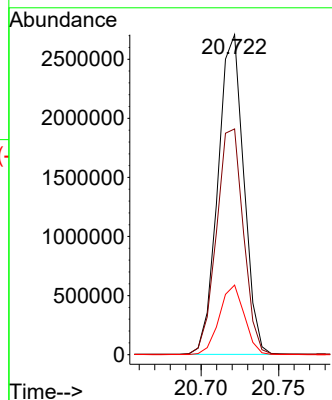
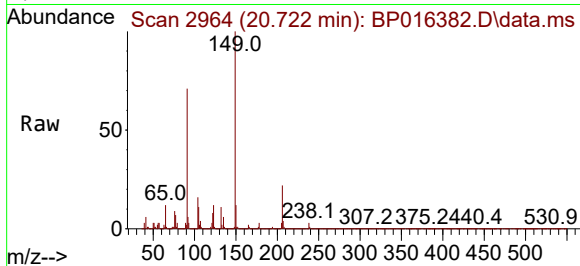




#83
Butylbenzylphthalate
Concen: 57.566 ng/ul
RT: 20.722 min Scan# 2964
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

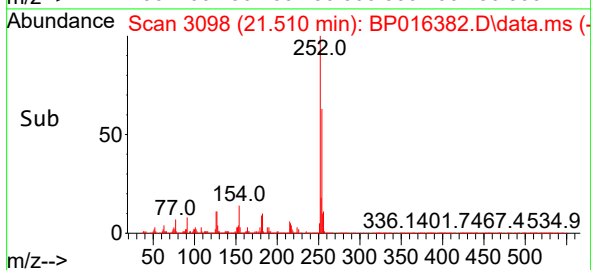
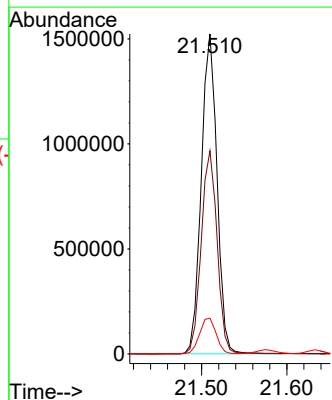
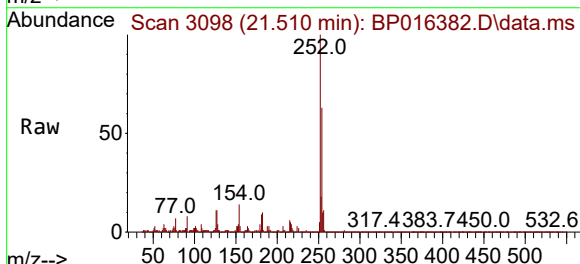
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

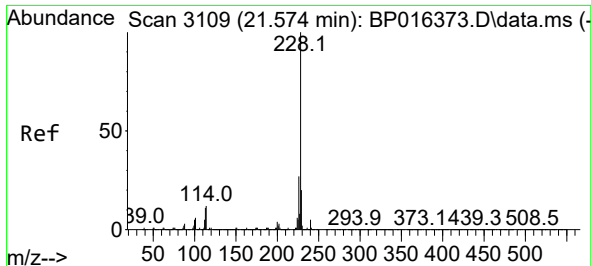
Tgt Ion:149 Resp: 3145008
Ion Ratio Lower Upper
149 100
91 70.6 58.5 87.7
206 21.8 17.0 25.4



#84
3,3'-Dichlorobenzidine
Concen: 43.307 ng/ul
RT: 21.510 min Scan# 3098
Delta R.T. -0.003 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:252 Resp: 1953356
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.0
126 11.2 10.3 15.5

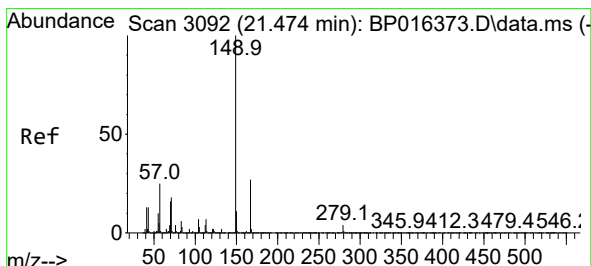
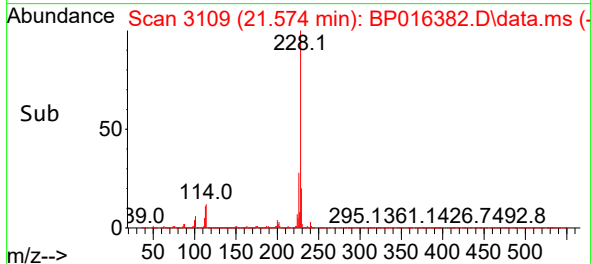
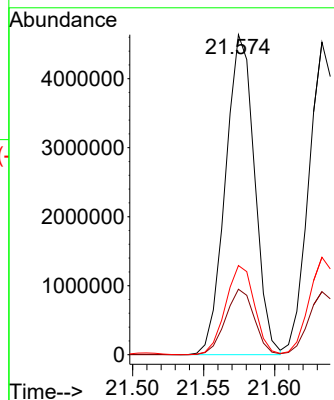
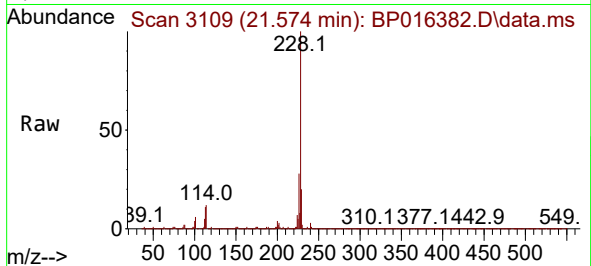




#85
Benzo(a)anthracene
Concen: 47.540 ng/ul
RT: 21.574 min Scan# 3109
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

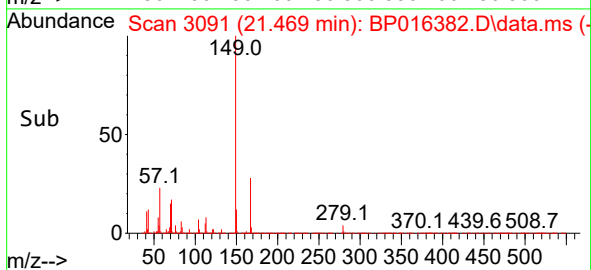
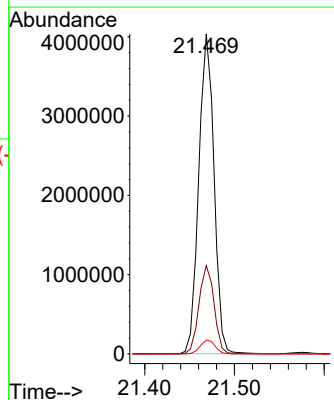
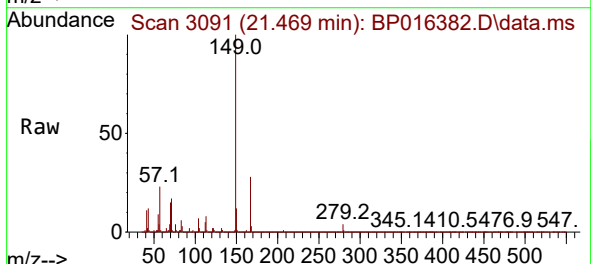
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

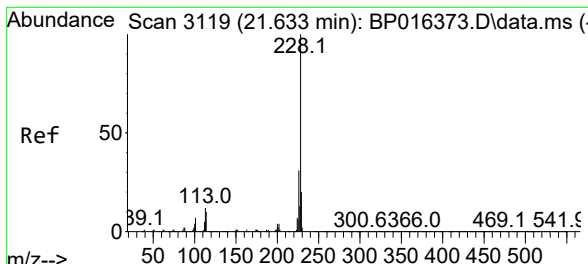
Tgt Ion:228 Resp: 6608063
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.9 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 57.071 ng/ul
RT: 21.469 min Scan# 3091
Delta R.T. -0.015 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:149 Resp: 4756108
Ion Ratio Lower Upper
149 100
167 27.7 21.7 32.5
279 4.4 3.0 4.4





#87

Chrysene

Concen: 48.205 ng/ul

RT: 21.633 min Scan# 3119

Delta R.T. -0.009 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Instrument :

BNA_P

ClientSampleId :

DCHA2MSD

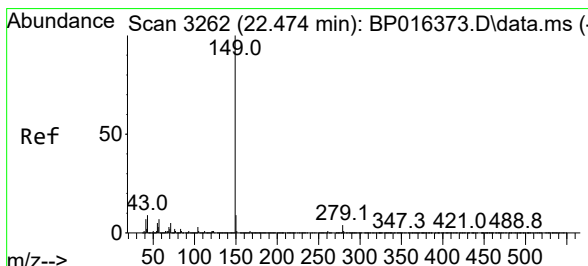
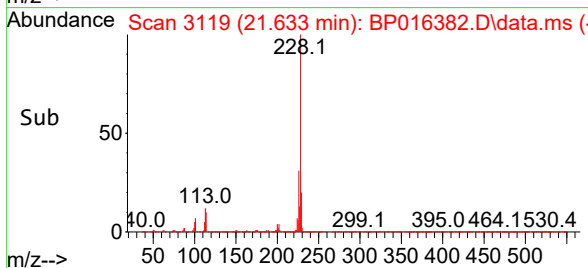
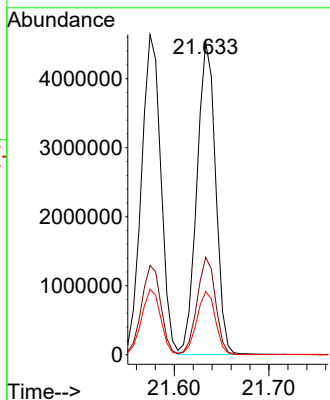
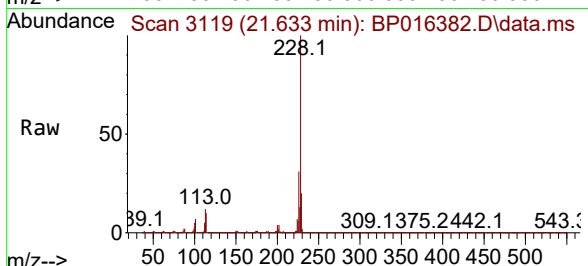
Tgt Ion:228 Resp: 6205059

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 20.2 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 62.362 ng/ul

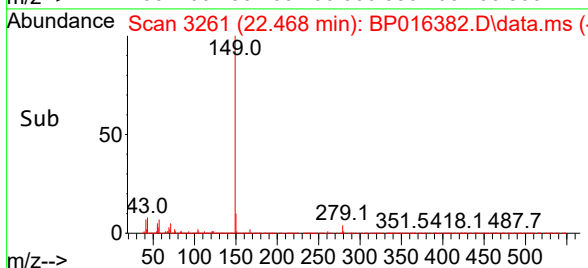
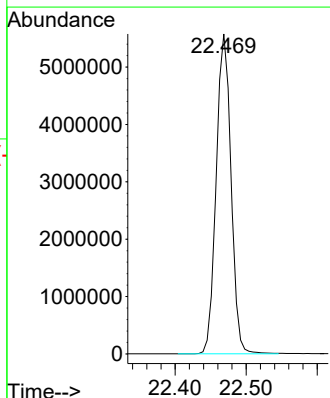
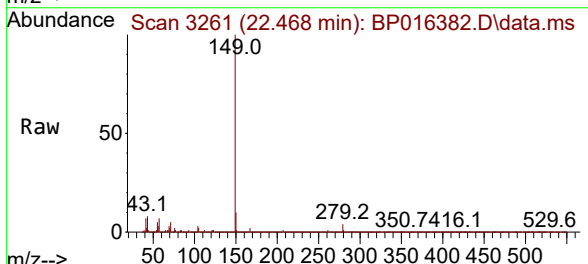
RT: 22.468 min Scan# 3261

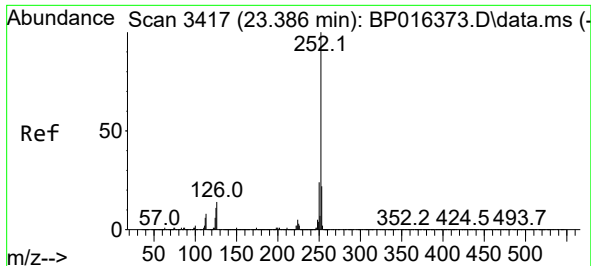
Delta R.T. -0.021 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Tgt Ion:149 Resp: 8056262

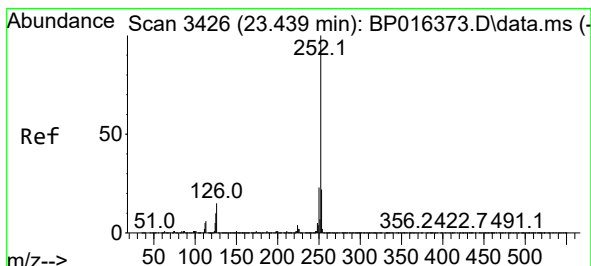
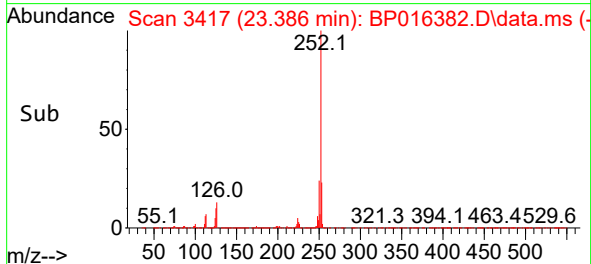
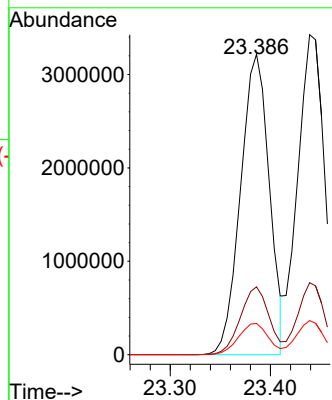
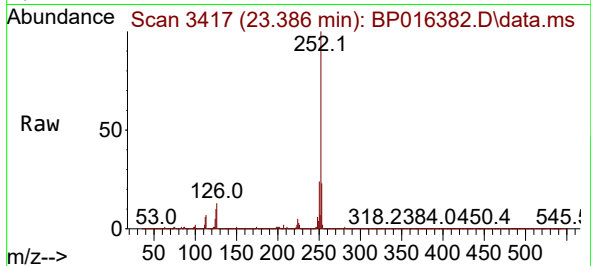




#90
Benzo(b)fluoranthene
Concen: 52.050 ng/ul
RT: 23.386 min Scan# 3417
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

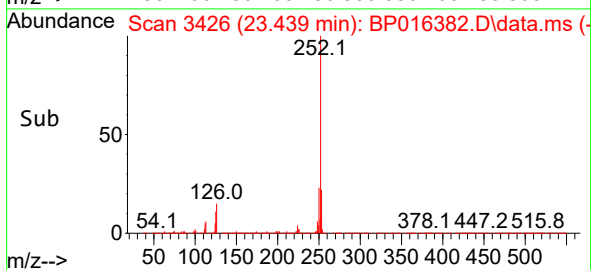
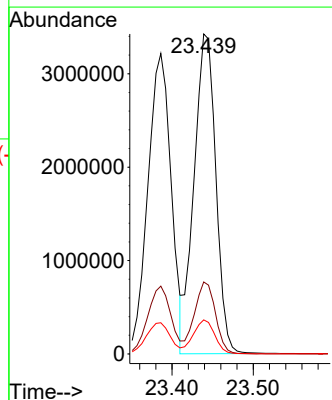
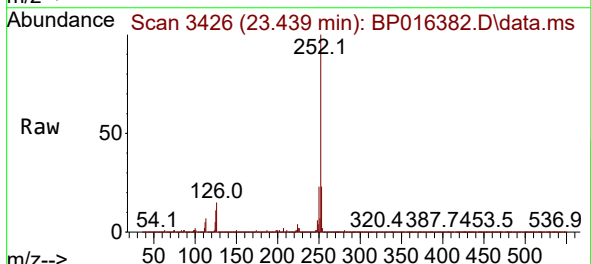
Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

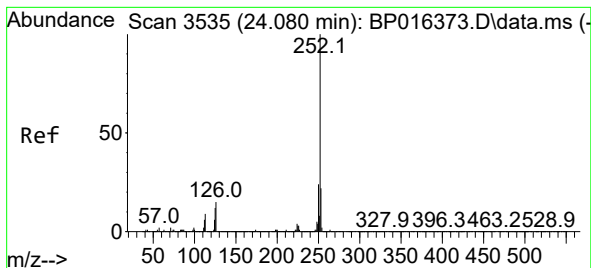
Tgt Ion:252 Resp: 6406085
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.4 8.8 13.2



#91
Benzo(k)fluoranthene
Concen: 52.163 ng/ul
RT: 23.439 min Scan# 3426
Delta R.T. -0.009 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:252 Resp: 6388885
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.7 9.0 13.6





#93

Benzo(a)pyrene

Concen: 47.028 ng/ul

RT: 24.080 min Scan# 3535

Delta R.T. -0.009 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

Instrument :

BNA_P

ClientSampleId :

DCHA2MSD

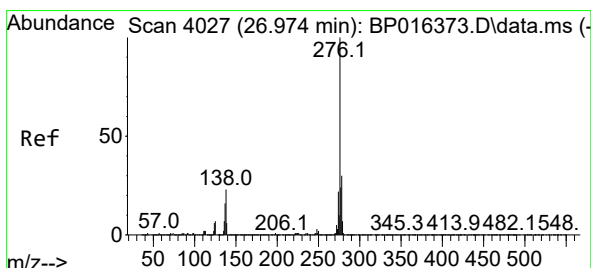
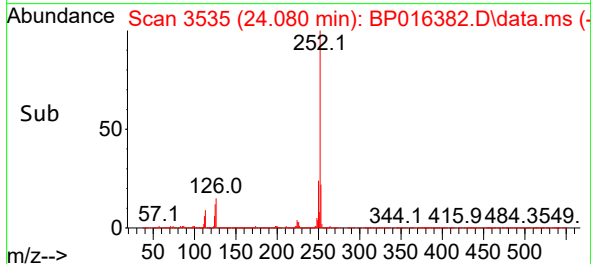
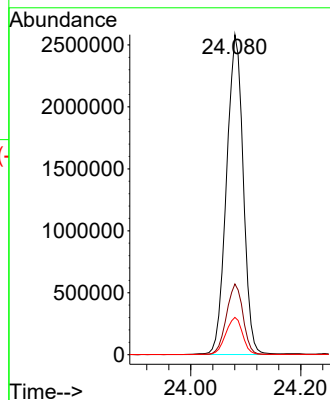
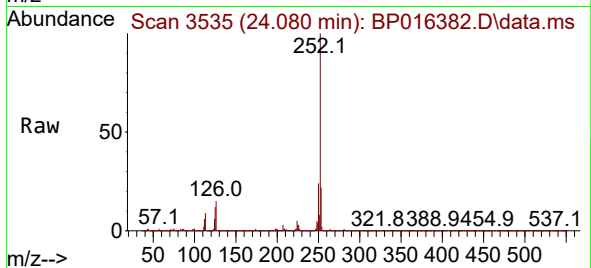
Tgt Ion:252 Resp: 5451035

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 11.7 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 47.639 ng/ul

RT: 26.980 min Scan# 4028

Delta R.T. -0.009 min

Lab File: BP016382.D

Acq: 26 Jul 2023 19:14

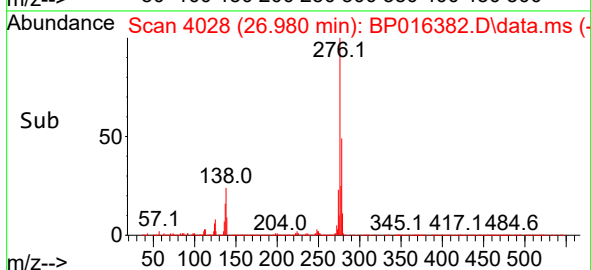
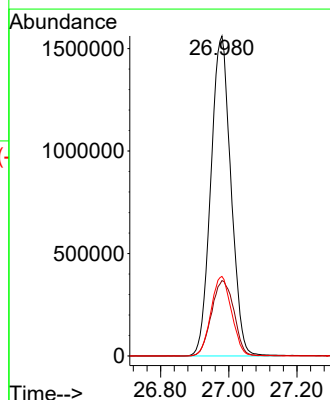
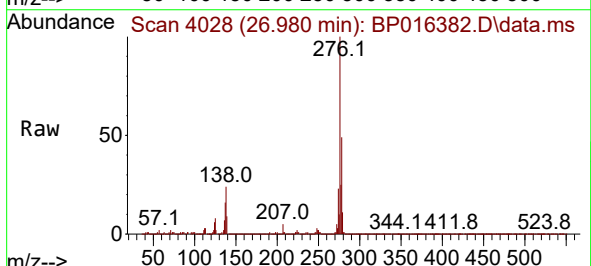
Tgt Ion:276 Resp: 6376360

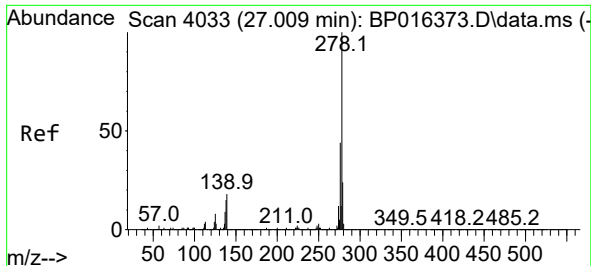
Ion Ratio Lower Upper

276 100

138 23.6 18.1 27.1

277 24.9 19.0 28.4

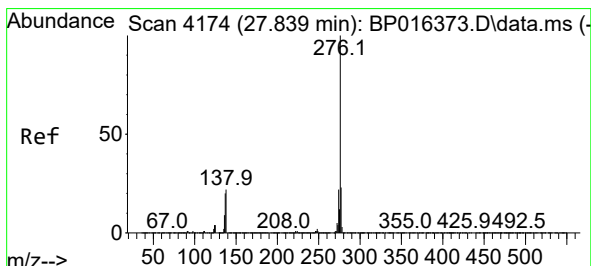
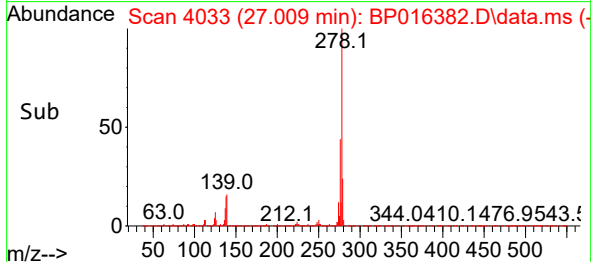
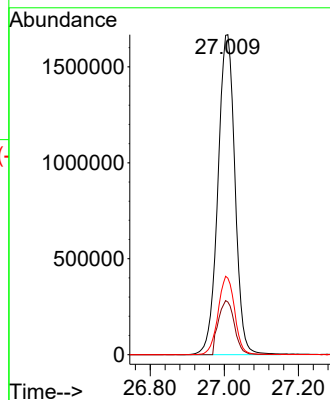
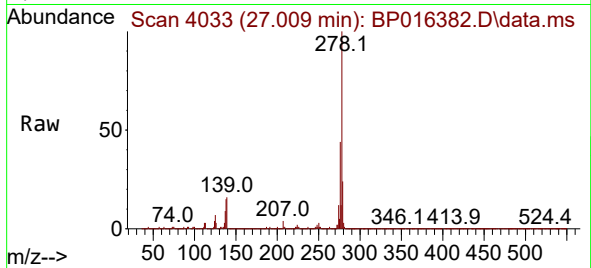




#95
Dibenzo(a,h)anthracene
Concen: 48.150 ng/ul
RT: 27.009 min Scan# 4033
Delta R.T. -0.015 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Instrument :
BNA_P
ClientSampleId :
DCHA2MSD

Tgt Ion:278 Resp: 5330226
Ion Ratio Lower Upper
278 100
139 16.5 14.2 21.2
279 23.9 19.4 29.2



#96
Benzo(g,h,i)perylene
Concen: 47.208 ng/ul
RT: 27.845 min Scan# 4175
Delta R.T. -0.015 min
Lab File: BP016382.D
Acq: 26 Jul 2023 19:14

Tgt Ion:276 Resp: 5002395
Ion Ratio Lower Upper
276 100
138 22.7 17.8 26.6
277 23.8 19.0 28.4

