

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018446.D
 Acq On : 28 Nov 2023 18:07
 Operator : MA/JU
 Sample : PB157282BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 29 00:53:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 08:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	436920	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	1772671	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	1014374	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1809037	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	1483810	20.000	ng/u1	0.03
88) Perylene-d12	23.910	264	2864370	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	64396	5.520	ng/uL	0.00
4) Pyridine-d5	3.681	84	787610	24.568	ng/u1	0.00
7) Phenol-d5	7.022	99	1096193	27.453	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	616692	25.827	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	936938	27.947	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	855726	26.555	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	438323	30.443	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	440250	33.108	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	919465	28.661	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	995630	23.011	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2438761	27.019	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	2826304	27.481	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	316753	25.421	ng/u1	0.00
60) Fluorene-d10	15.486	176	2009714	26.621	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	247606	32.153	ng/u1	0.00
73) Anthracene-d10	17.345	188	2521895	26.082	ng/u1	0.00
81) Pyrene-d10	19.598	212	2730050	23.118	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	1800774	10.844	ng/u1	0.12
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	128849	10.301	ng/uL#	89
5) Pyridine	3.705	79	815007	25.232	ng/u1	91
6) Benzaldehyde	6.993	77	535581	25.347	ng/u1	95
8) Phenol	7.052	94	1078527	27.536	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.287	93	902182	27.652	ng/u1	95
12) 2-Chlorophenol	7.416	128	918201	27.299	ng/u1	95
13) 2-Methylphenol	8.305	108	805486	26.402	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	1055186	22.752	ng/u1	95
16) Acetophenone	8.681	105	1327899	26.930	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.675	70	601273	21.829	ng/u1	92
18) 4-Methylphenol	8.634	108	870588	26.722	ng/u1	98
19) Hexachloroethane	8.934	117	377793	26.896	ng/u1	94
22) Nitrobenzene	9.063	77	904473	26.814	ng/u1	92
23) Isophorone	9.587	82	1795844	23.887	ng/u1	98
25) 2-Nitrophenol	9.769	139	478169	31.961	ng/u1	90
26) 2,4-Dimethylphenol	9.834	107	525567	15.646	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.075	93	1177709	25.938	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	879059	28.606	ng/u1	97
30) Naphthalene	10.704	128	2934475	27.370	ng/u1	100
32) 4-Chloroaniline	10.816	127	938375	22.983	ng/u1	99
33) Hexachlorobutadiene	10.993	225	647165	30.878	ng/u1	98
34) Caprolactam	11.593	113	234788	26.513	ng/u1	86
35) 4-Chloro-3-methylphenol	11.945	107	790618	24.063	ng/u1	95
36) 2-Methylnaphthalene	12.316	142	2007033	26.451	ng/u1	100

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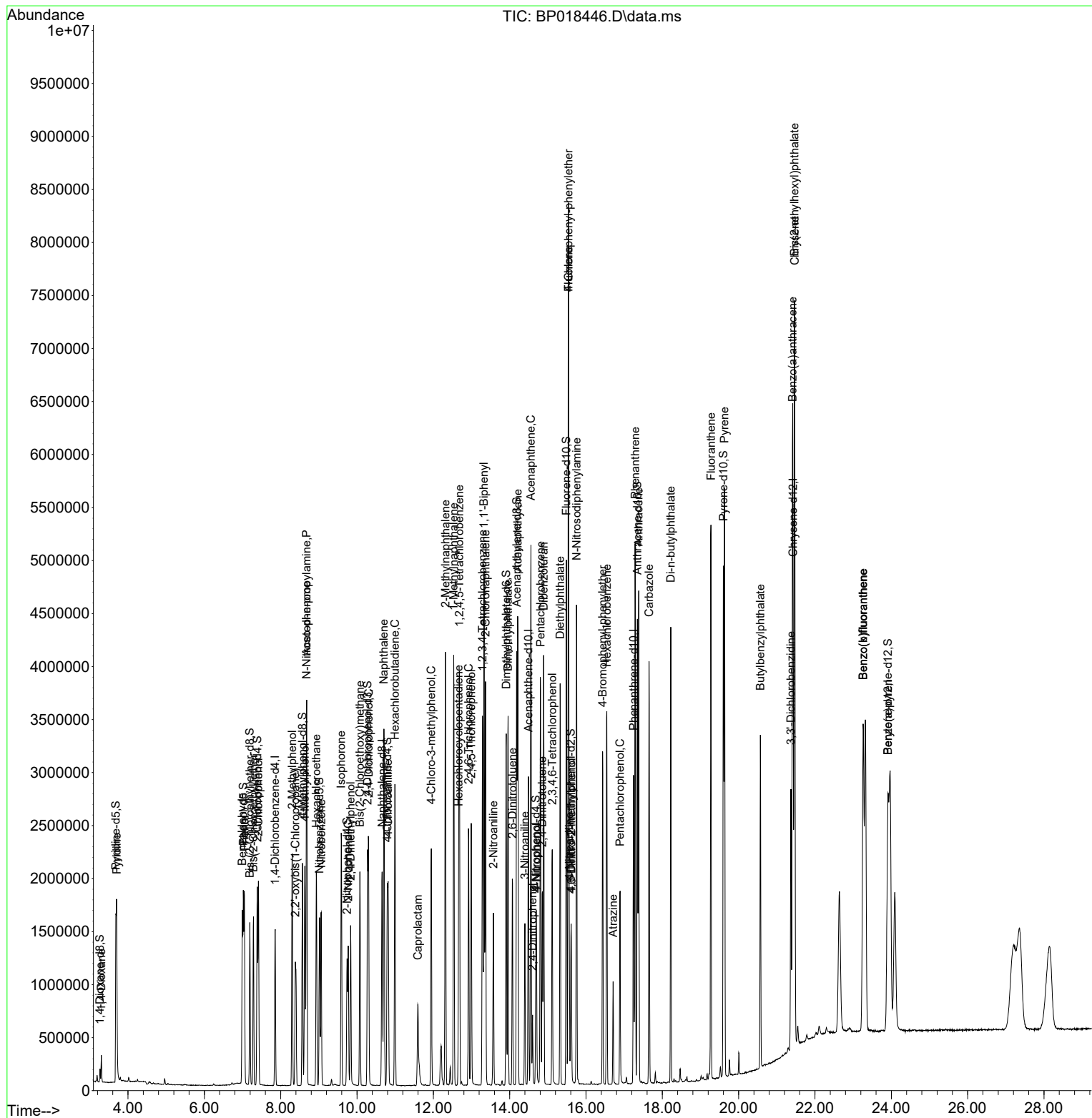
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	1960744	25.672	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.681	216	1178562	32.897	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	439102	21.641	ng/ul	100
41) 2,4,6-Trichlorophenol	12.922	196	632616	29.403	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	685732	29.475	ng/ul	100
43) 1,1'-Biphenyl	13.328	154	2575226	29.138	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	2050492	29.313	ng/ul	97
45) 2-Nitroaniline	13.575	65	391470	26.009	ng/ul	84
47) Dimethylphthalate	13.957	163	2422467	27.430	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	447618	30.063	ng/ul	87
50) Acenaphthylene	14.210	152	3174858	27.695	ng/ul	100
51) 3-Nitroaniline	14.398	138	396443	26.798	ng/ul#	91
52) Acenaphthene	14.557	153	2066284	27.591	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	147705	28.435	ng/ul	97
55) 4-Nitrophenol	14.704	109	216256	23.426	ng/ul	89
56) Dibenzofuran	14.892	168	2801356	27.362	ng/ul	97
57) 2,4-Dinitrotoluene	14.857	165	584585	29.054	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.116	232	477251	26.121	ng/ul	93
59) Diethylphthalate	15.322	149	2213304	24.949	ng/ul	99
61) Fluorene	15.539	166	2166564	25.949	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	1178118	27.788	ng/ul	96
63) 4-Nitroaniline	15.563	138	359492	25.749	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.616	198	275420	32.247	ng/ul	96
67) N-Nitrosodiphenylamine	15.751	169	1770391	28.859	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	700626	30.675	ng/ul	96
69) Hexachlorobenzene	16.545	284	809688	31.710	ng/ul#	91
70) Atrazine	16.710	200	179285	9.573	ng/ul	99
71) Pentachlorophenol	16.892	266	345369	26.324	ng/ul	97
72) Phenanthrene	17.286	178	3129248	28.439	ng/ul	100
74) Anthracene	17.381	178	2933672	26.413	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	1147732	36.910	ng/uL	98
76) Pentachlorobenzene	14.810	250	1068632	35.379	ng/uL	99
77) Carbazole	17.651	167	2532487	28.144	ng/ul	99
78) Di-n-butylphthalate	18.222	149	3077552	24.588	ng/ul	100
80) Fluoranthene	19.275	202	3242737	22.985	ng/ul	97
82) Pyrene	19.627	202	3317299	23.351	ng/ul	98
83) Butylbenzylphthalate	20.569	149	1082909	20.598	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.369	252	921016	25.664	ng/ul	99
85) Benzo(a)anthracene	21.410	228	3342798	27.643	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1567720	19.876	ng/ul	99
87) Chrysene	21.469	228	3130322	28.447	ng/ul	99
90) Benzo(b)fluoranthene	23.263	252	3686502	17.719	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	3686502	17.799	ng/ul	99

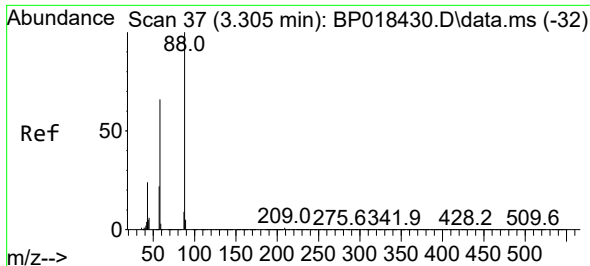
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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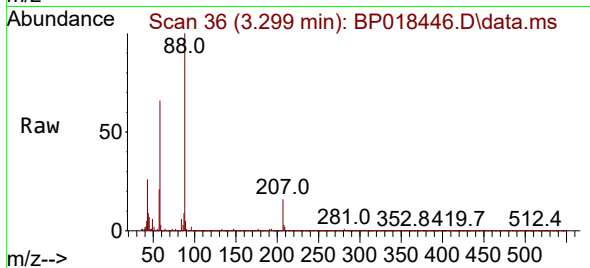
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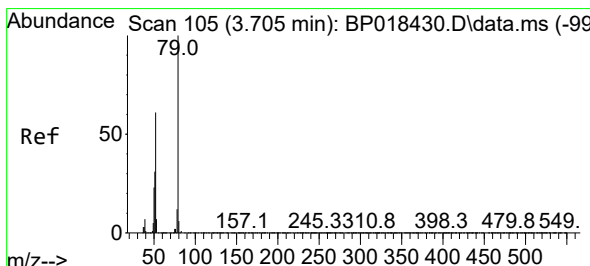
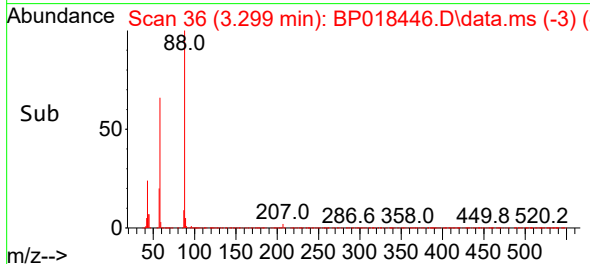
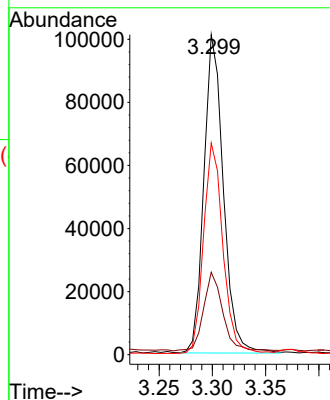


#2
1,4-Dioxane
Concen: 10.301 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Instrument :
BNA_P
ClientSampleId :

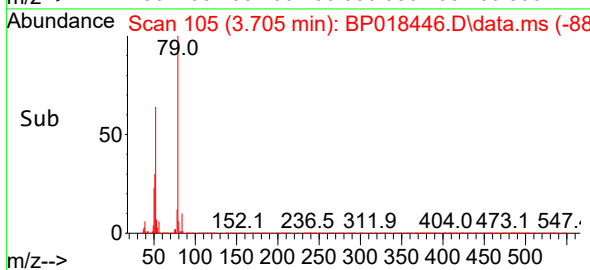
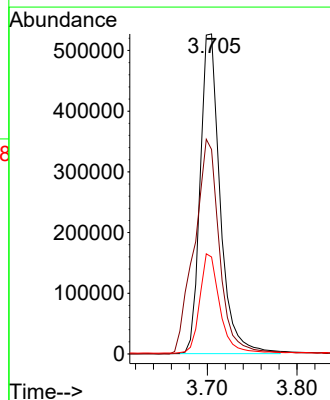
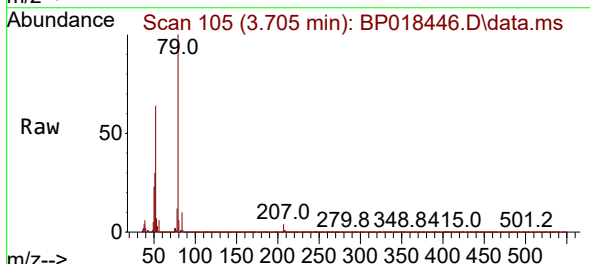


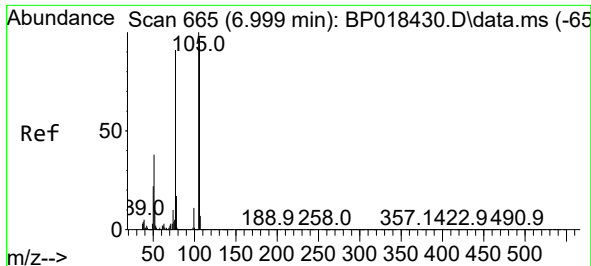
Tgt Ion: 88 Resp: 128849
Ion Ratio Lower Upper
88 100
43 25.7 26.9 40.3#
58 66.2 59.6 89.4



#5
Pyridine
Concen: 25.232 ng/uL
RT: 3.705 min Scan# 105
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion: 79 Resp: 815007
Ion Ratio Lower Upper
79 100
52 63.9 57.7 86.5
51 30.3 27.8 41.8

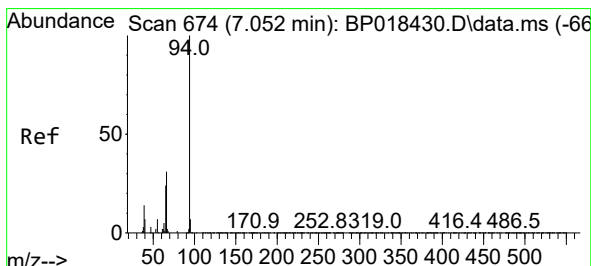
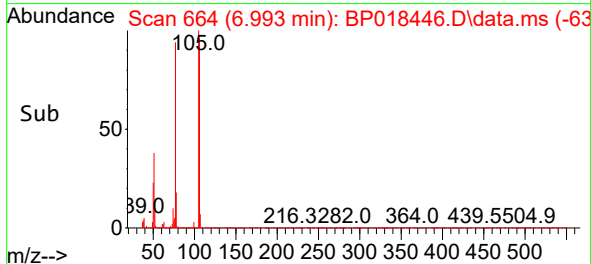
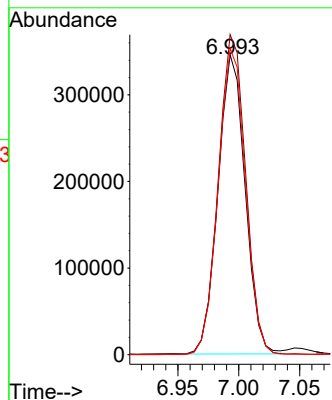
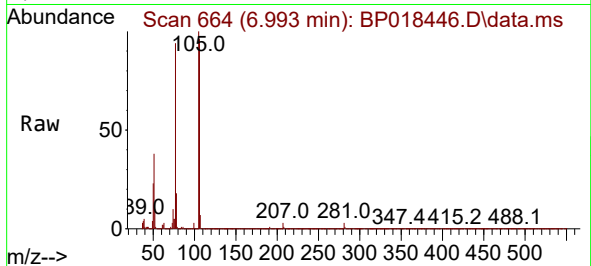




#6
Benzaldehyde
Concen: 25.347 ng/ul
RT: 6.993 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

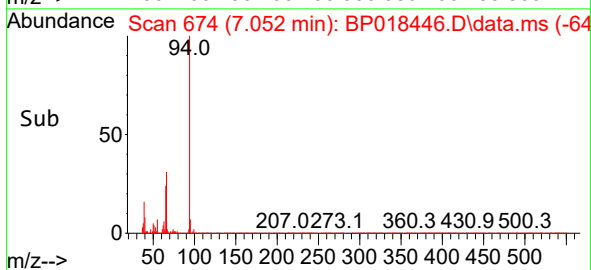
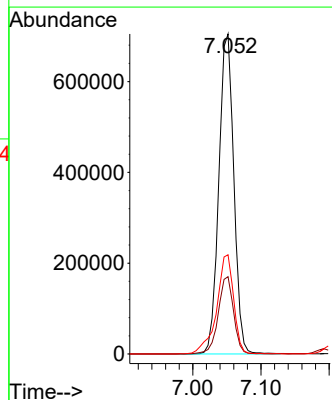
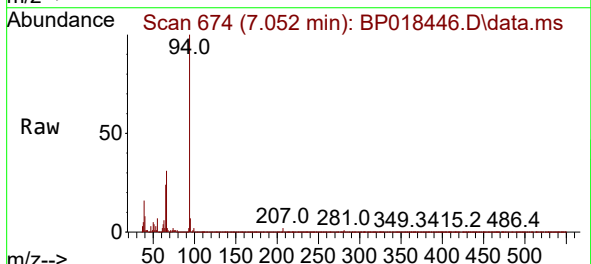
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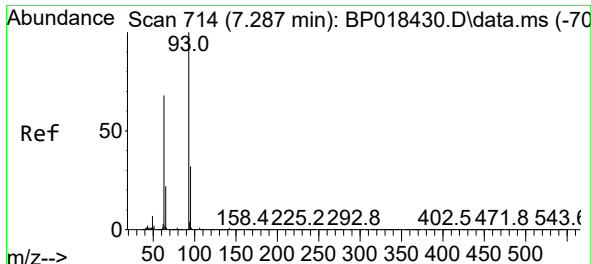
Tgt Ion: 77 Resp: 535581
Ion Ratio Lower Upper
77 100
105 106.7 81.5 122.3
106 102.1 77.9 116.9



#8
Phenol
Concen: 27.536 ng/ul
RT: 7.052 min Scan# 674
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

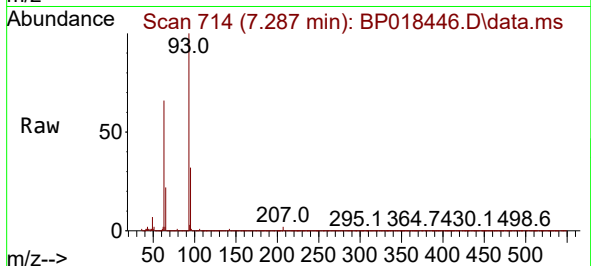
Tgt Ion: 94 Resp: 1078527
Ion Ratio Lower Upper
94 100
65 24.2 21.2 31.8
66 31.0 28.0 42.0



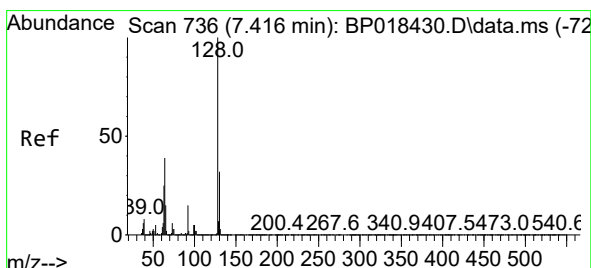
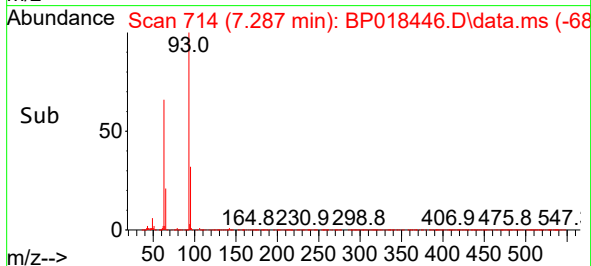
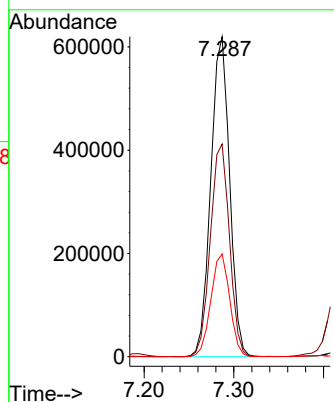


#10
Bis(2-Chloroethyl)ether
Concen: 27.652 ng/ul
RT: 7.287 min Scan# 714
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Instrument :
BNA_P
ClientSampleId :

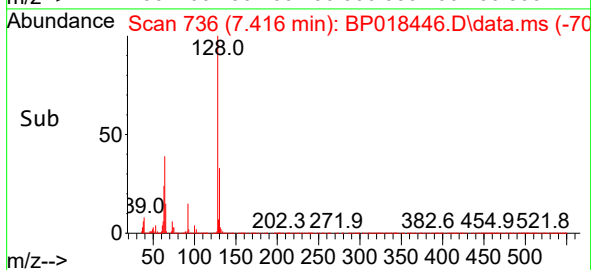
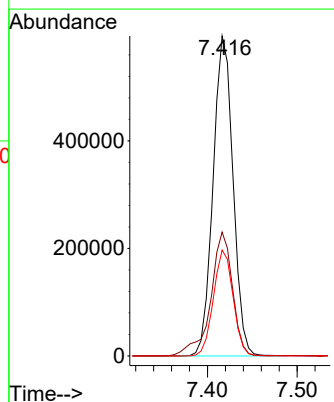
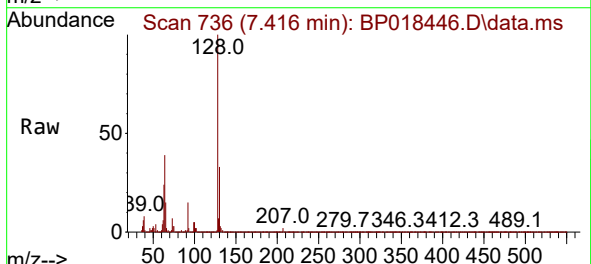


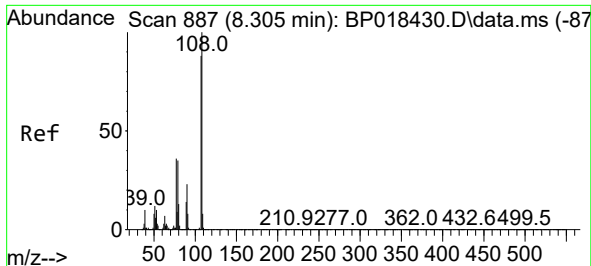
Tgt Ion: 93 Resp: 902182
Ion Ratio Lower Upper
93 100
63 66.4 58.2 87.4
95 32.1 25.6 38.4



#12
2-Chlorophenol
Concen: 27.299 ng/ul
RT: 7.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:128 Resp: 918201
Ion Ratio Lower Upper
128 100
64 38.7 34.8 52.2
130 33.1 25.5 38.3

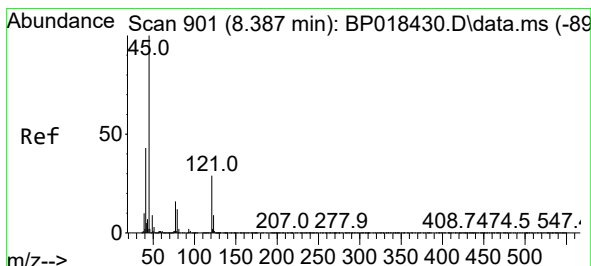
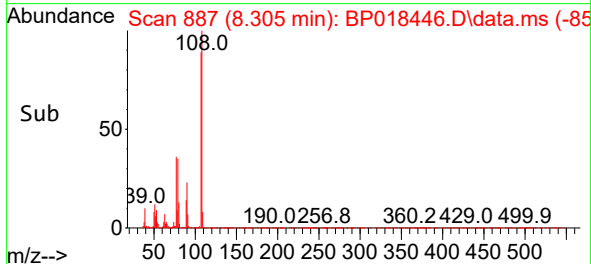
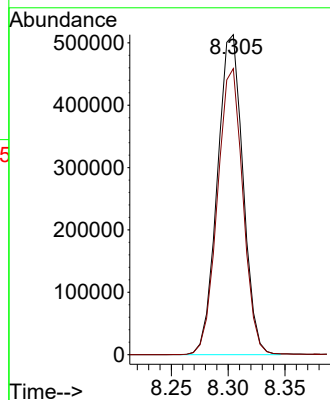
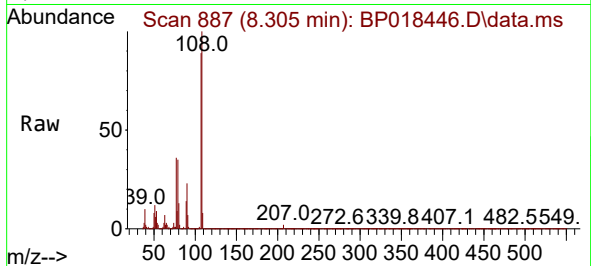




#13
2-Methylphenol
Concen: 26.402 ng/ul
RT: 8.305 min Scan# 887
Delta R.T. -0.000 min
Lab File: BP018446.D
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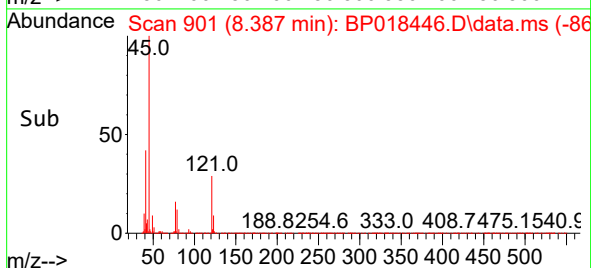
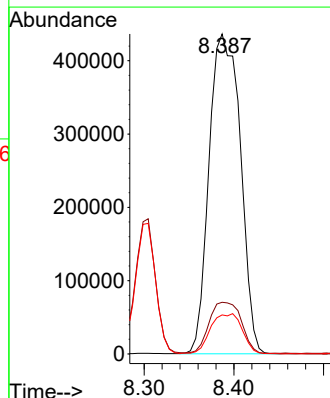
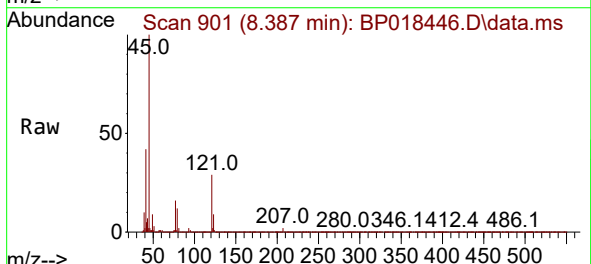
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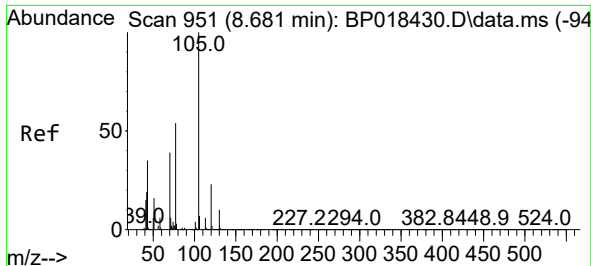
Tgt Ion:108 Resp: 805486
Ion Ratio Lower Upper
108 100
107 89.4 70.9 106.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.752 ng/ul
RT: 8.387 min Scan# 901
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

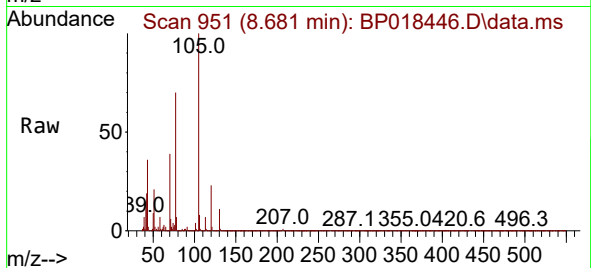
Tgt Ion: 45 Resp: 1055186
Ion Ratio Lower Upper
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77 16.1 11.4 17.2
79 12.2 8.4 12.6



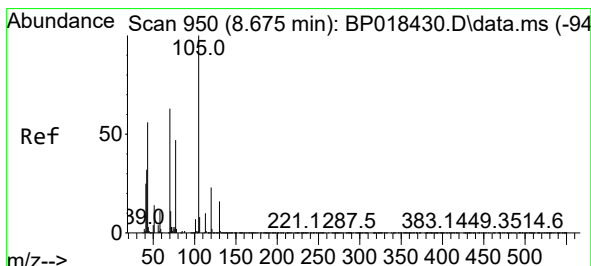
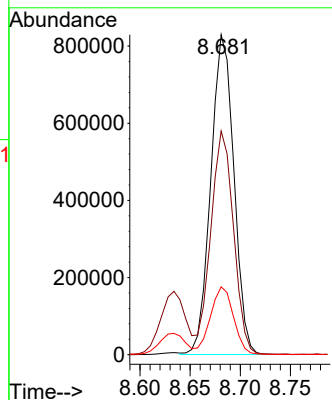
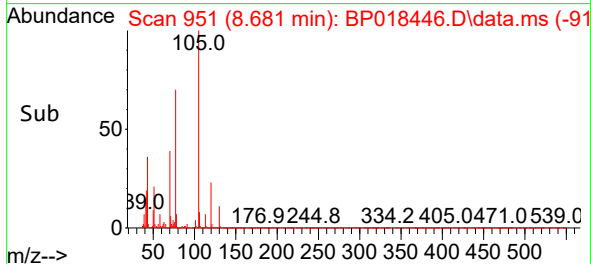


#16
Acetophenone
Concen: 26.930 ng/ul
RT: 8.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP018446.D
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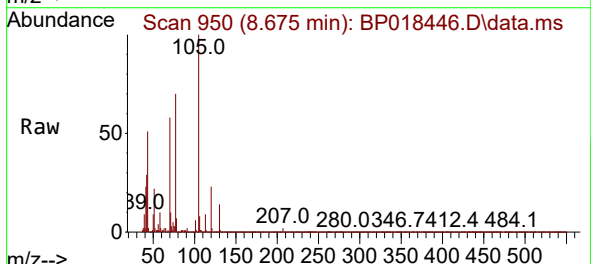
Instrument :
BNA_P
ClientSampleId :



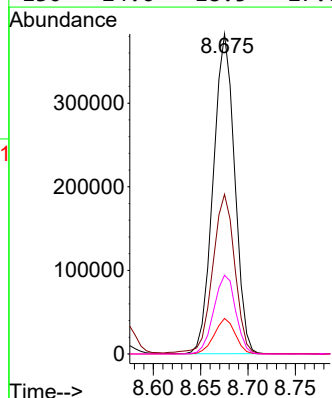
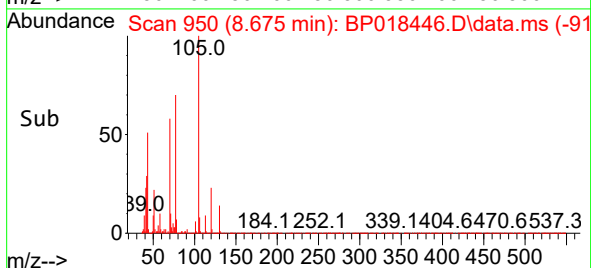
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Ion Ratio Lower Upper
105 100
77 69.9 59.5 89.3
51 21.2 20.5 30.7

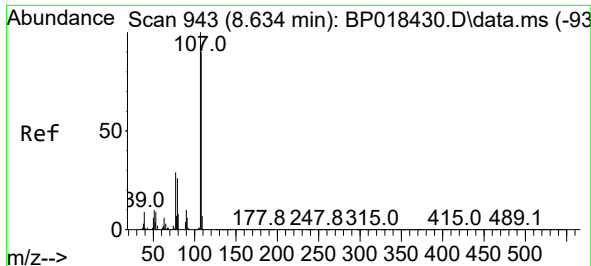


#17
N-Nitroso-di-n-propylamine
Concen: 21.829 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07



Tgt Ion: 70 Resp: 601273
Ion Ratio Lower Upper
70 100
42 49.9 46.8 70.2
101 11.1 8.4 12.6
130 24.6 18.5 27.7

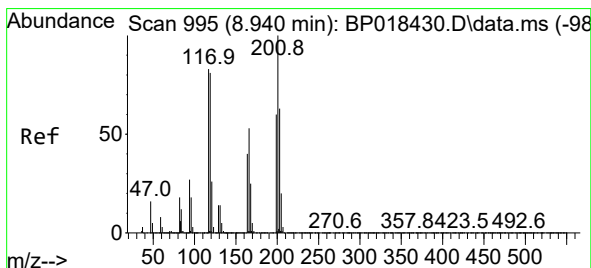
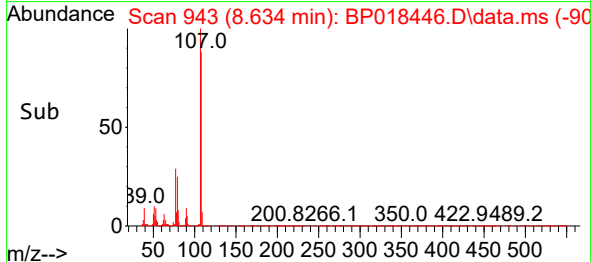
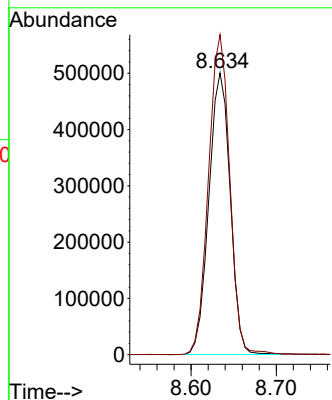
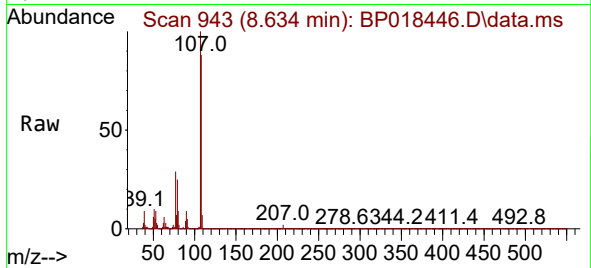




#18
4-Methylphenol
Concen: 26.722 ng/ul
RT: 8.634 min Scan# 943
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

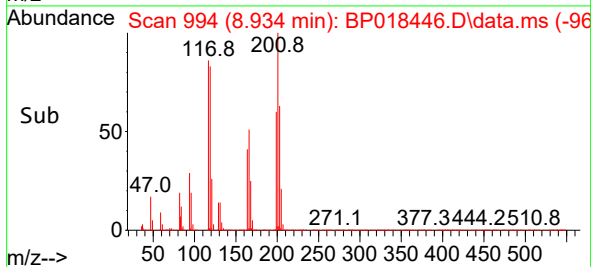
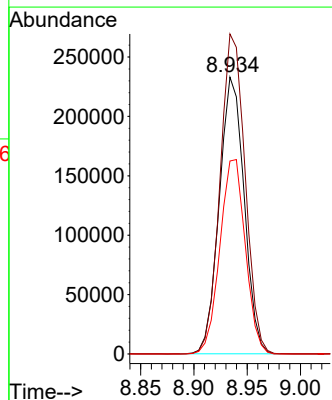
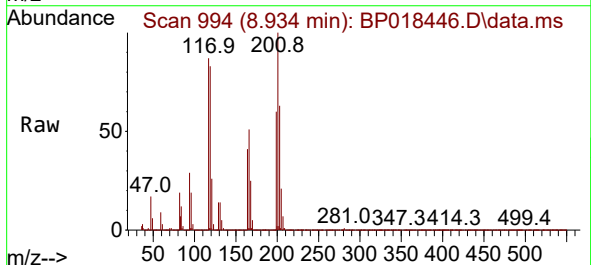
Instrument :
BNA_P
ClientSampleId :

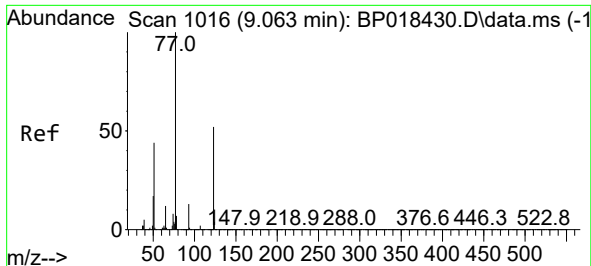
Tgt Ion:108 Resp: 870588
Ion Ratio Lower Upper
108 100
107 113.5 89.5 134.3



#19
Hexachloroethane
Concen: 26.896 ng/ul
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:117 Resp: 377793
Ion Ratio Lower Upper
117 100
201 115.6 85.6 128.4
199 69.7 54.2 81.4

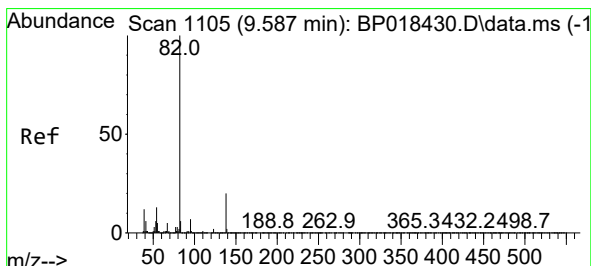
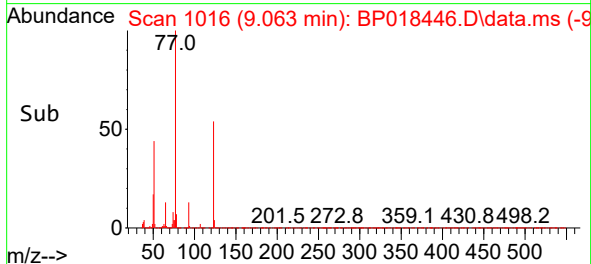
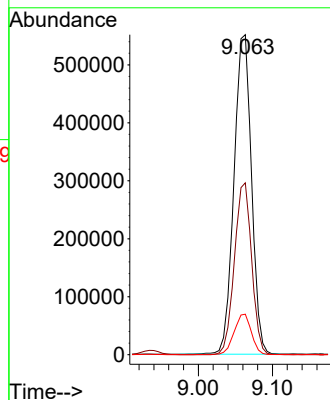
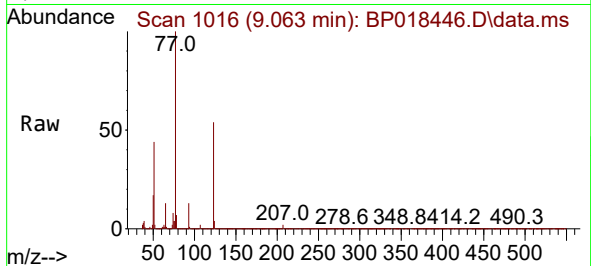




#22
Nitrobenzene
Concen: 26.814 ng/ul
RT: 9.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

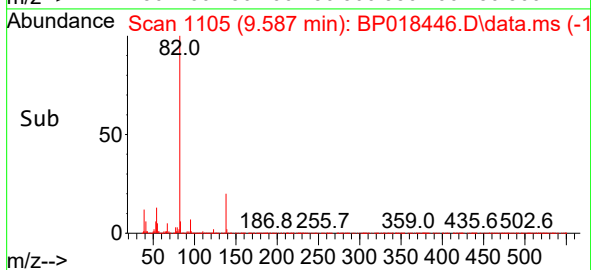
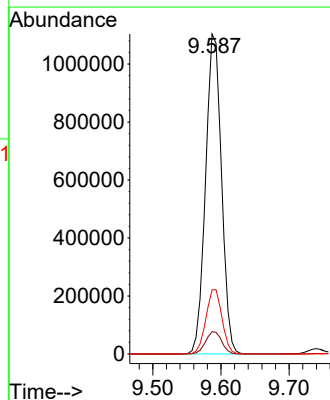
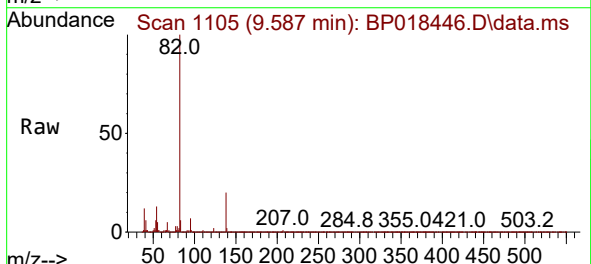
Instrument :
BNA_P
ClientSampleId :

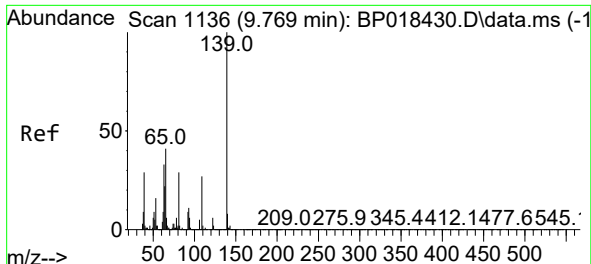
Tgt Ion: 77 Resp: 904473
Ion Ratio Lower Upper
77 100
123 53.7 37.7 56.5
65 12.7 10.5 15.7



#23
Isophorone
Concen: 23.887 ng/ul
RT: 9.587 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion: 82 Resp: 1795844
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 20.0 14.9 22.3

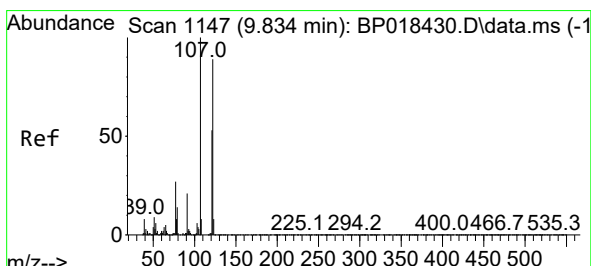
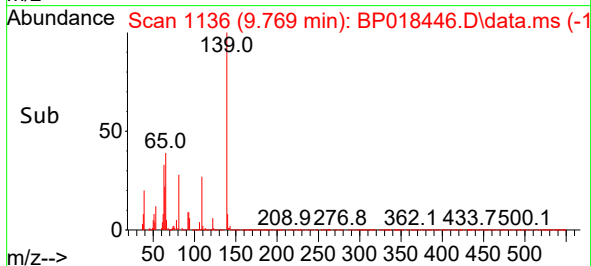
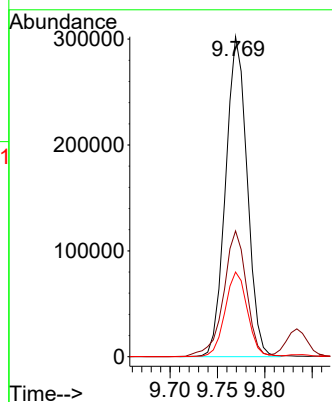
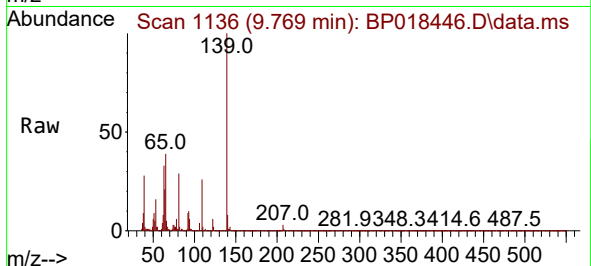




#25
2-Nitrophenol
Concen: 31.961 ng/ul
RT: 9.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

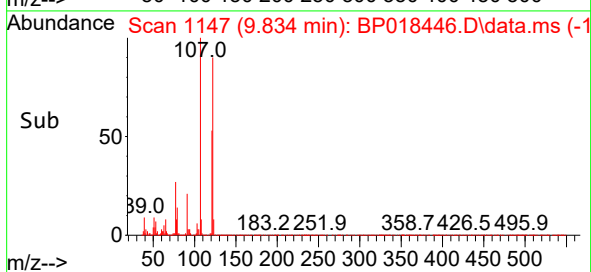
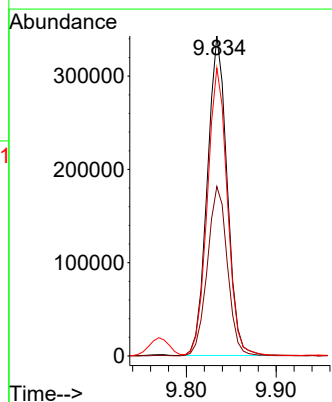
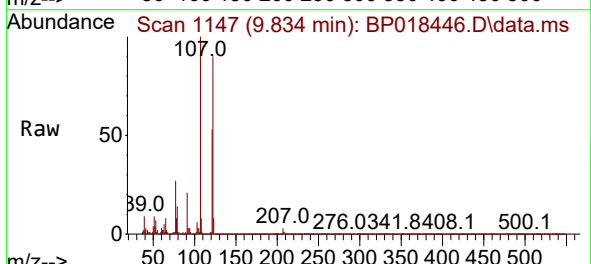
Instrument :
BNA_P
ClientSampleId :

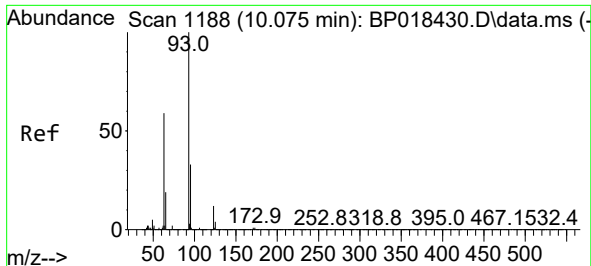
Tgt Ion:139 Resp: 478169
Ion Ratio Lower Upper
139 100
65 39.3 38.3 57.5
109 26.5 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 15.646 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:107 Resp: 525567
Ion Ratio Lower Upper
107 100
121 53.0 40.0 60.0
122 90.0 70.4 105.6



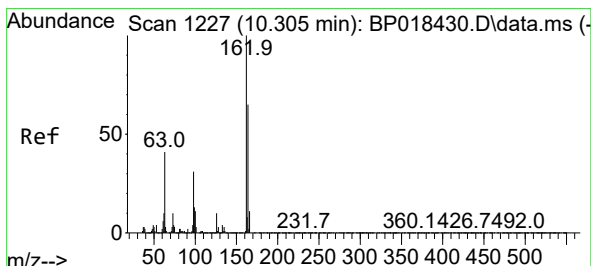
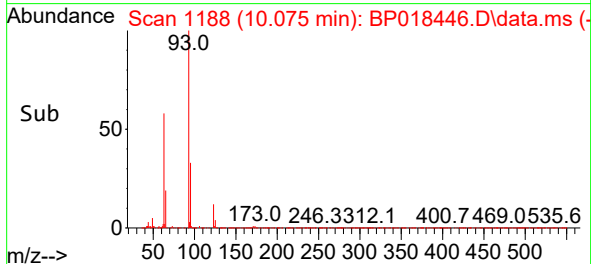
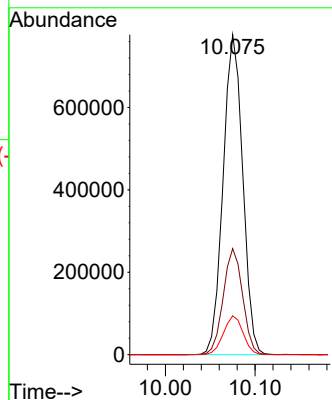
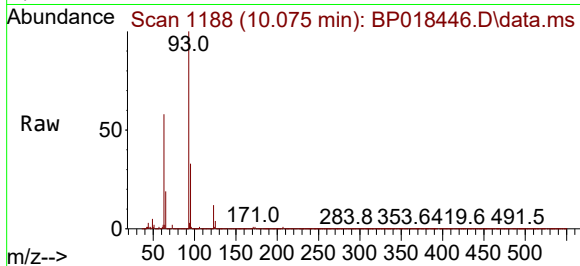


#27
 Bis(2-Chloroethoxy)methane
 Concen: 25.938 ng/ul
 RT: 10.075 min Scan# 1188
 Delta R.T. -0.000 min
 Lab File: BP018446.D
 Acq: 28 Nov 2023 18:07

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 93 Resp: 1177709

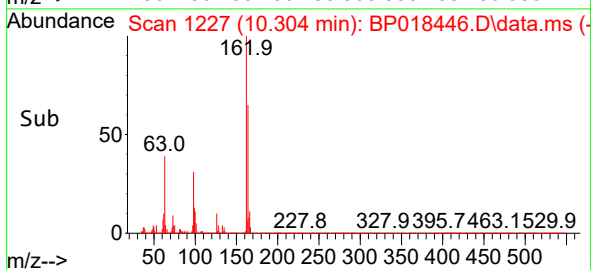
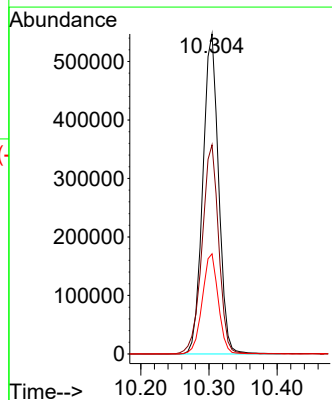
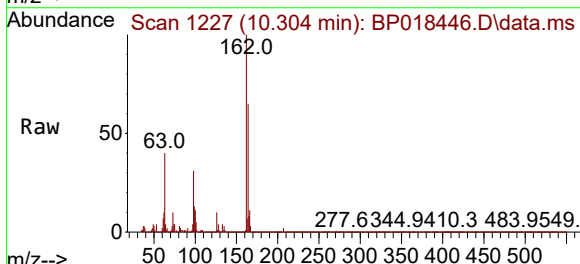
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	12.2	9.1	13.7

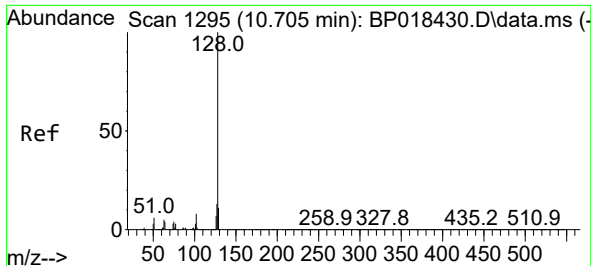


#29
 2,4-Dichlorophenol
 Concen: 28.606 ng/ul
 RT: 10.304 min Scan# 1227
 Delta R.T. -0.000 min
 Lab File: BP018446.D
 Acq: 28 Nov 2023 18:07

Tgt Ion: 162 Resp: 879059

Ion	Ratio	Lower	Upper
162	100		
164	65.4	53.0	79.6
98	31.3	27.7	41.5

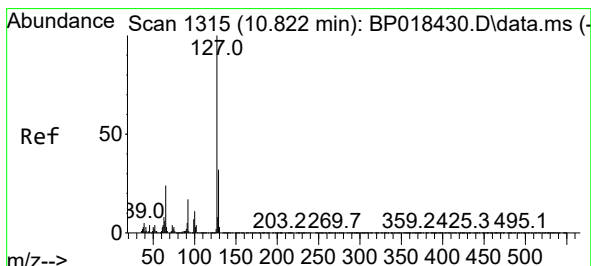
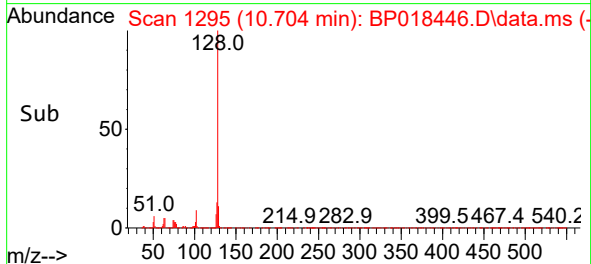
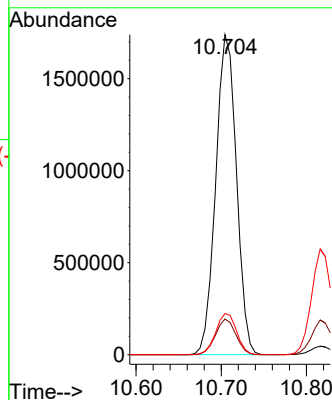
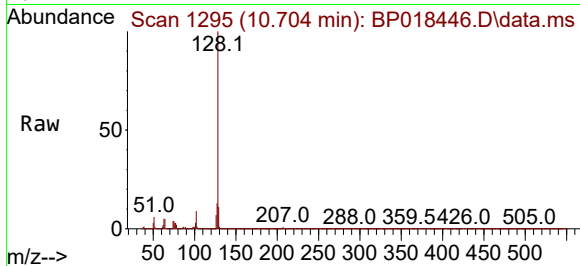




#30
Naphthalene
Concen: 27.370 ng/ul
RT: 10.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

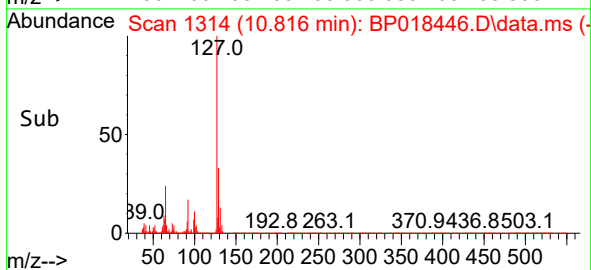
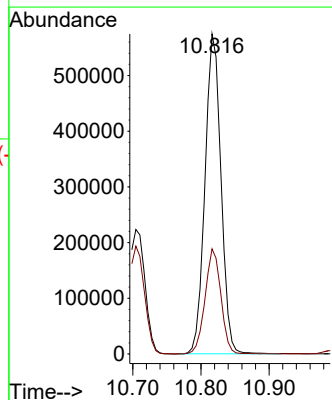
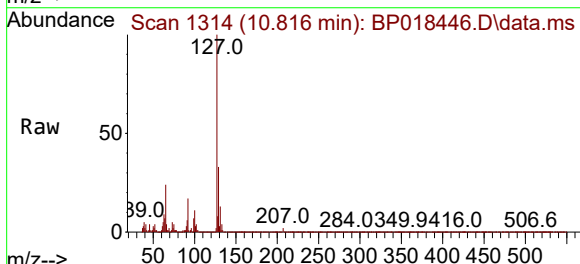
Instrument :
BNA_P
ClientSampleId :

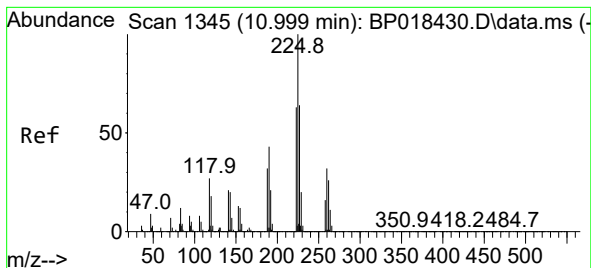
Tgt Ion:128 Resp: 2934475
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 22.983 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:127 Resp: 938375
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8





#33

Hexachlorobutadiene

Concen: 30.878 ng/ul

RT: 10.993 min Scan# 1344

Delta R.T. -0.006 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

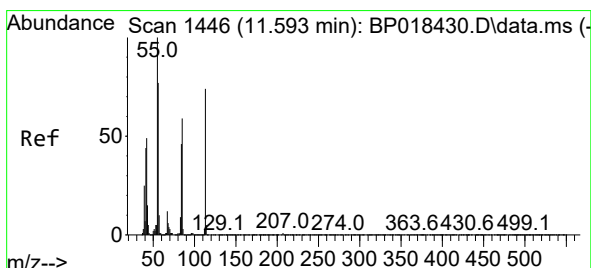
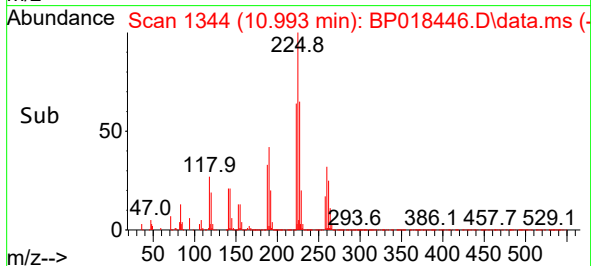
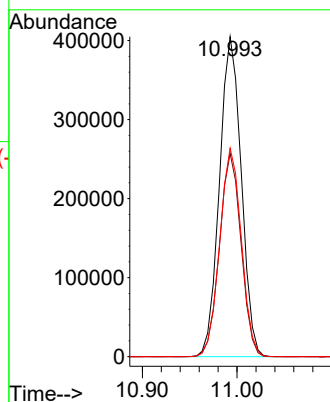
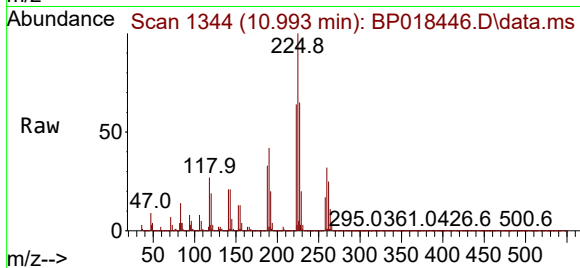
Tgt Ion:225 Resp: 647165

Ion Ratio Lower Upper

225 100

223 63.5 50.2 75.4

227 65.1 50.4 75.6



#34

Caprolactam

Concen: 26.513 ng/ul

RT: 11.593 min Scan# 1446

Delta R.T. 0.006 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

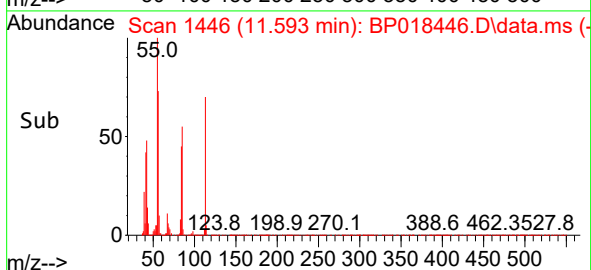
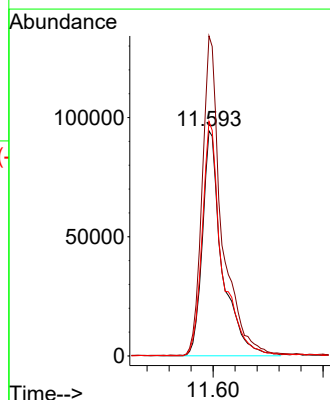
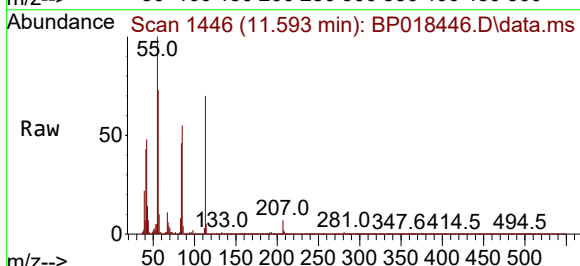
Tgt Ion:113 Resp: 234788

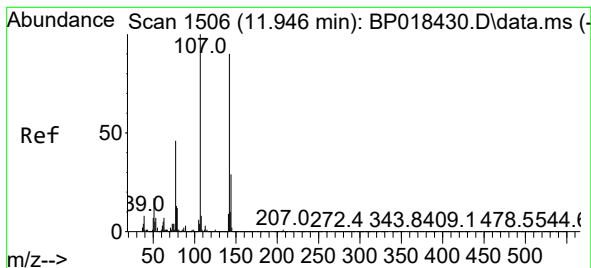
Ion Ratio Lower Upper

113 100

55 142.2 129.0 193.4

56 104.2 94.8 142.2

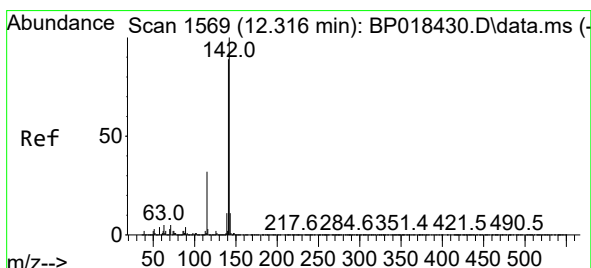
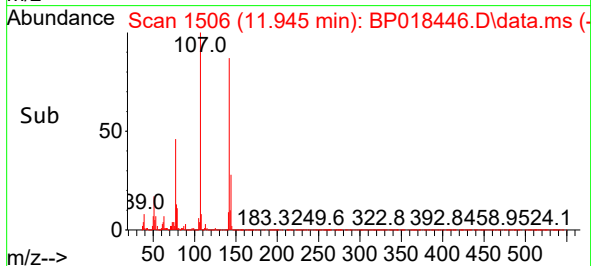
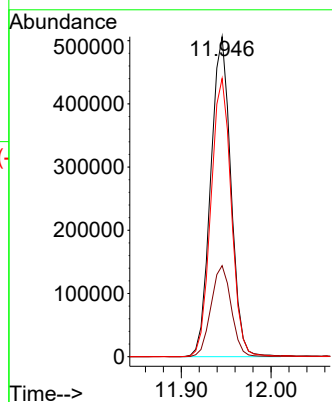
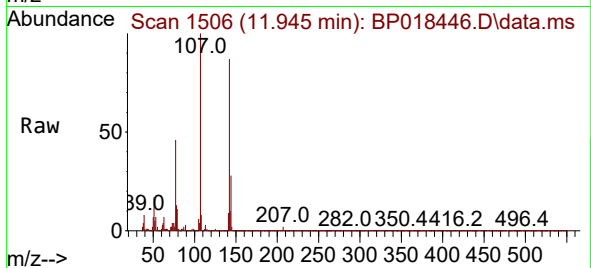




#35
4-Chloro-3-methylphenol
Concen: 24.063 ng/ul
RT: 11.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

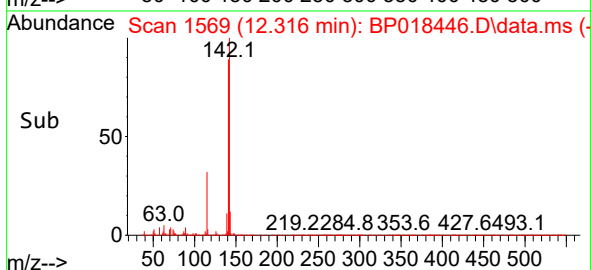
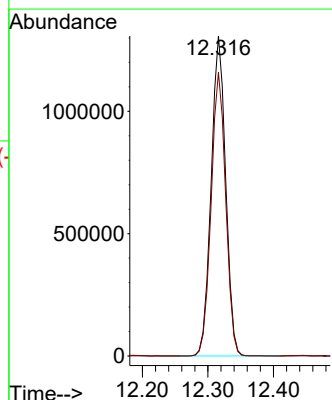
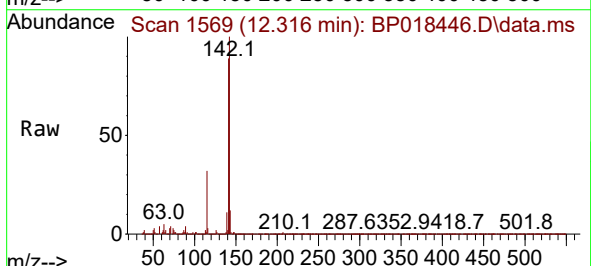
Instrument :
BNA_P
ClientSampleId :

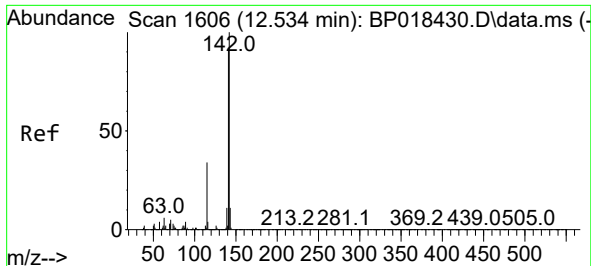
Tgt Ion:107 Resp: 790618
Ion Ratio Lower Upper
107 100
144 28.5 21.6 32.4
142 86.9 65.4 98.0



#36
2-Methylnaphthalene
Concen: 26.451 ng/ul
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:142 Resp: 2007033
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4

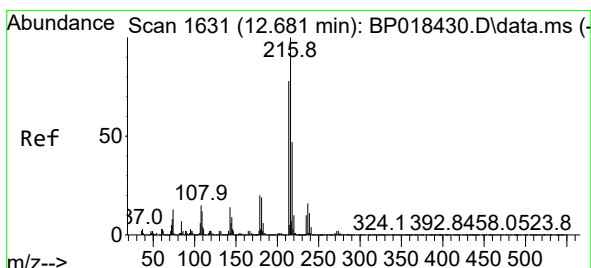
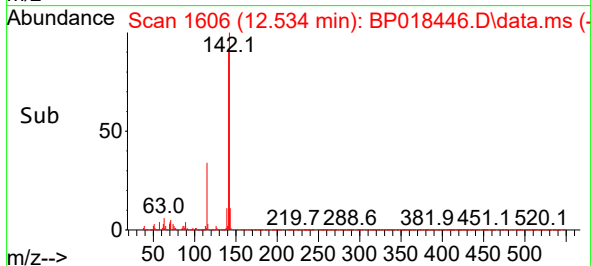
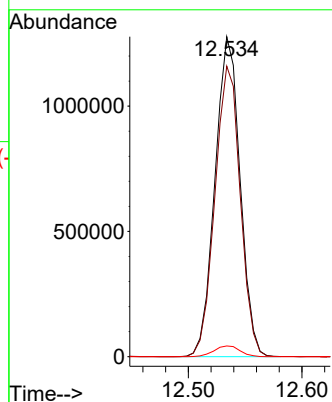
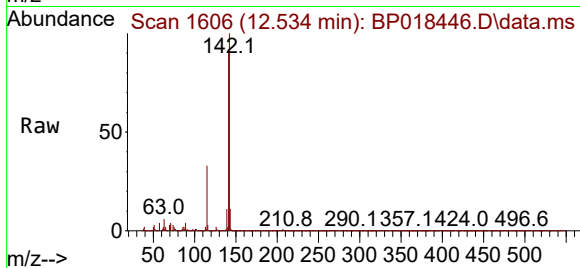




#37
1-Methylnaphthalene
Concen: 25.672 ng/ul
RT: 12.534 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

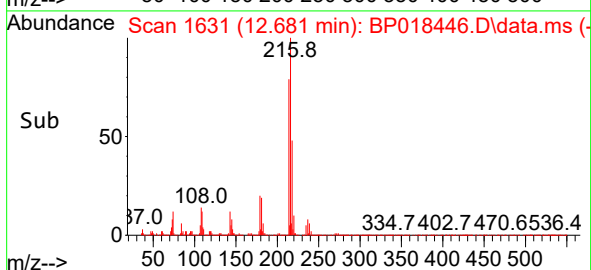
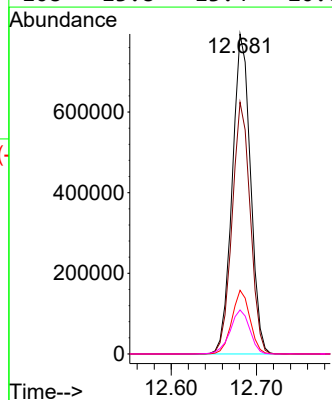
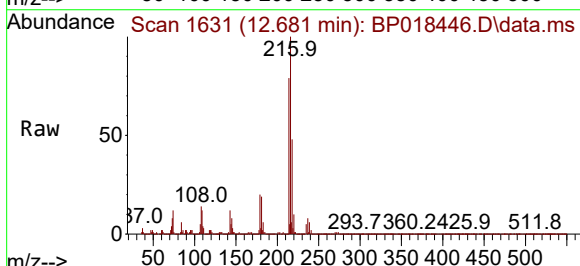
Instrument :
BNA_P
ClientSampleId :

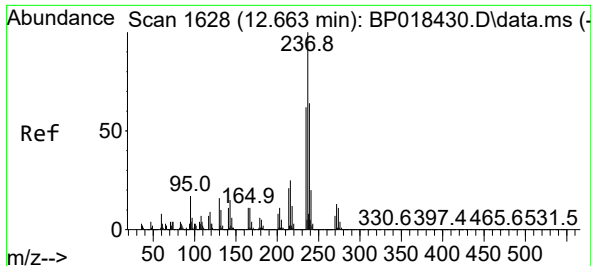
Tgt Ion:142 Resp: 1960744
Ion Ratio Lower Upper
142 100
141 90.8 73.9 110.9
116 3.4 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.897 ng/ul
RT: 12.681 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:216 Resp: 1178562
Ion Ratio Lower Upper
216 100
214 78.7 63.3 94.9
179 19.9 17.3 25.9
108 13.8 13.4 20.0

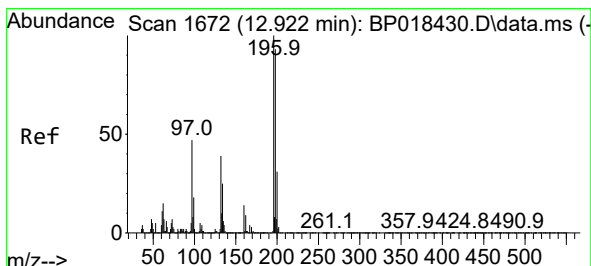
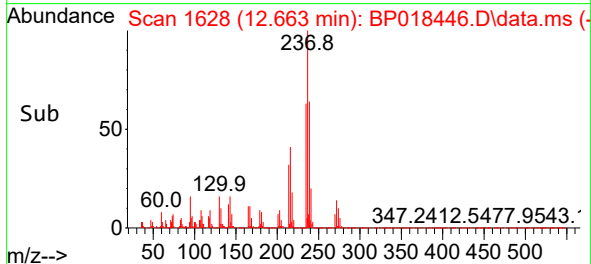
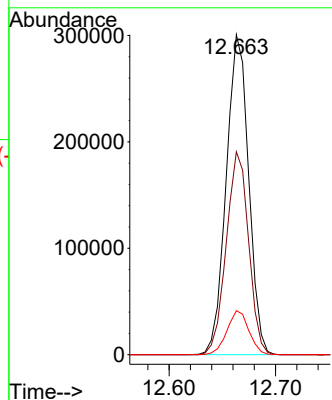
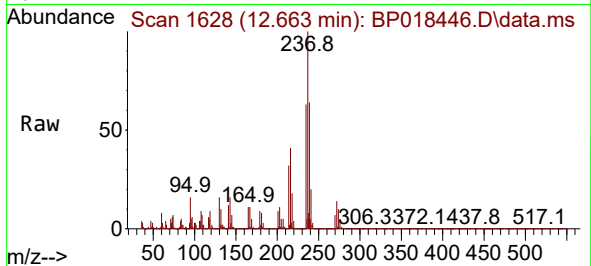




#40
Hexachlorocyclopentadiene
Concen: 21.641 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

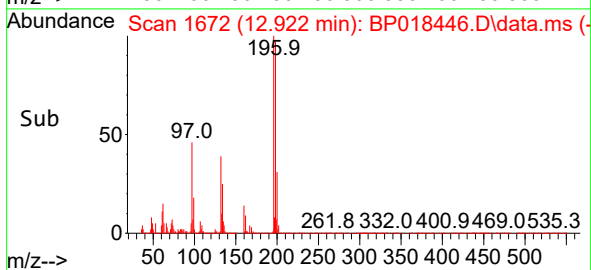
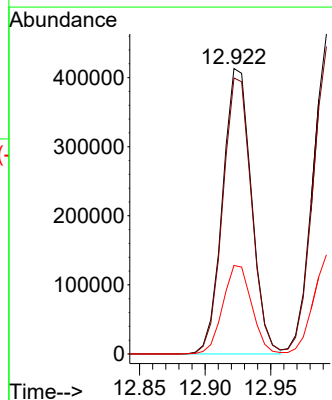
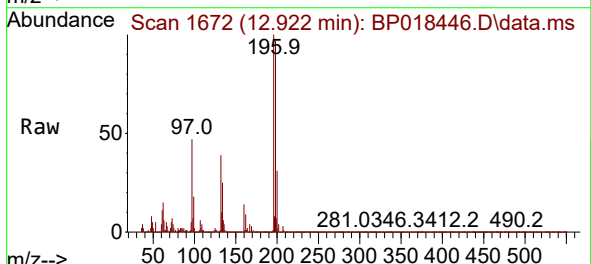
Instrument :
BNA_P
ClientSampleId :

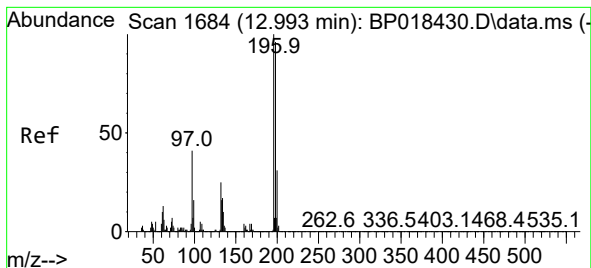
Tgt Ion:237 Resp: 439102
Ion Ratio Lower Upper
237 100
235 63.4 50.7 76.1
272 13.8 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 29.403 ng/ul
RT: 12.922 min Scan# 1672
Delta R.T. -0.006 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:196 Resp: 632616
Ion Ratio Lower Upper
196 100
198 96.7 78.0 117.0
200 31.0 24.6 37.0





#42

2,4,5-Trichlorophenol

Concen: 29.475 ng/ul

RT: 12.993 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

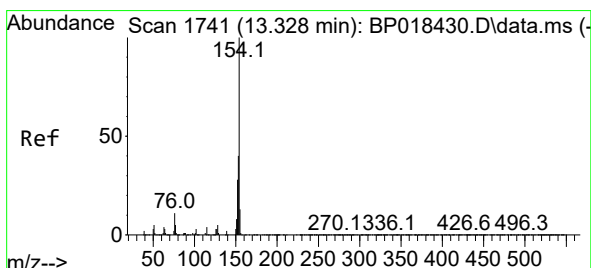
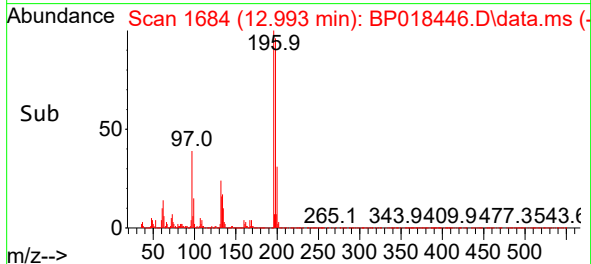
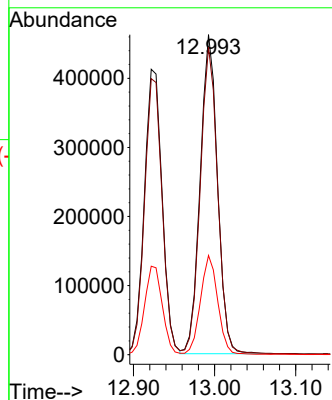
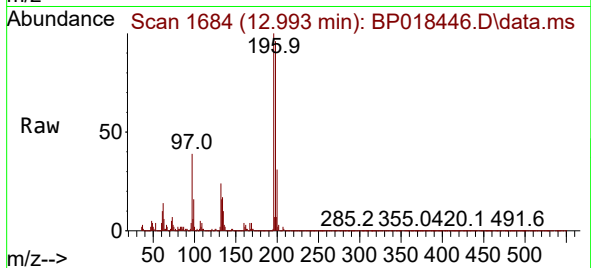
Tgt Ion:196 Resp: 685732

Ion Ratio Lower Upper

196 100

198 96.1 76.7 115.1

200 31.0 24.6 36.8



#43

1,1'-Biphenyl

Concen: 29.138 ng/ul

RT: 13.328 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

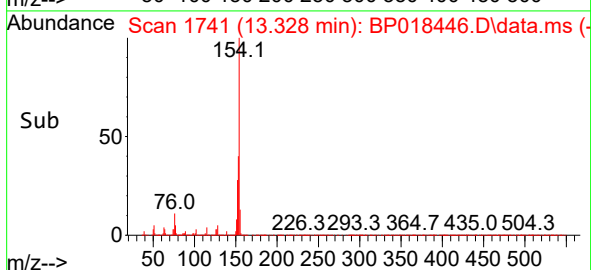
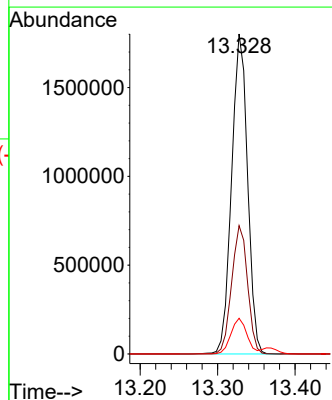
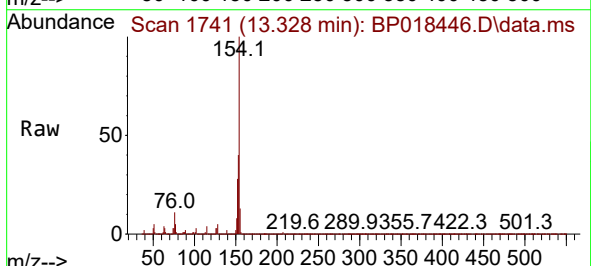
Tgt Ion:154 Resp: 2575226

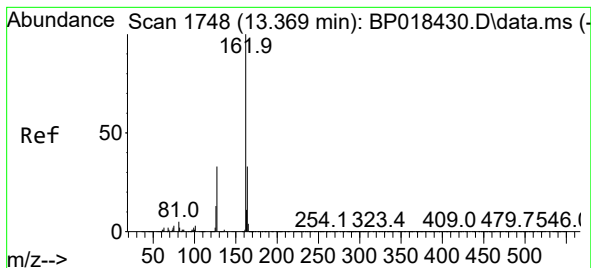
Ion Ratio Lower Upper

154 100

153 40.1 32.2 48.2

76 11.1 9.9 14.9





#44

2-Chloronaphthalene

Concen: 29.313 ng/ul

RT: 13.369 min Scan# 1748

Delta R.T. -0.000 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

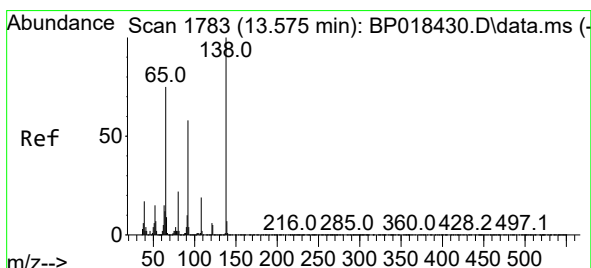
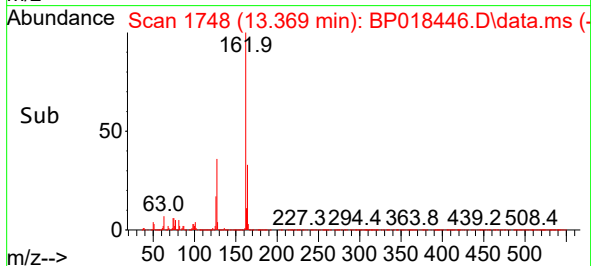
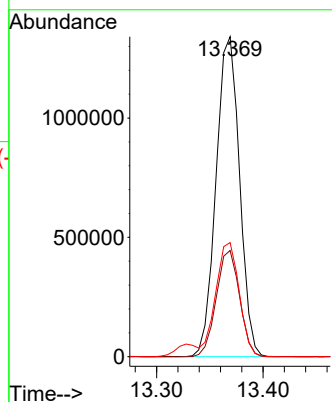
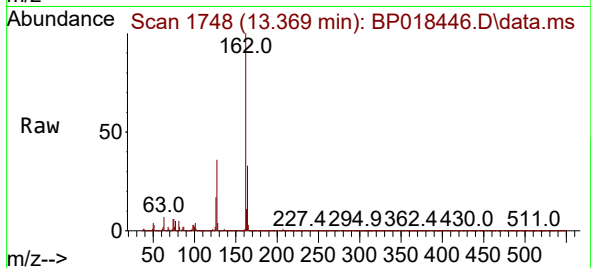
Tgt Ion:162 Resp: 2050492

Ion Ratio Lower Upper

162 100

164 33.2 26.2 39.4

127 35.6 30.6 45.8



#45

2-Nitroaniline

Concen: 26.009 ng/ul

RT: 13.575 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

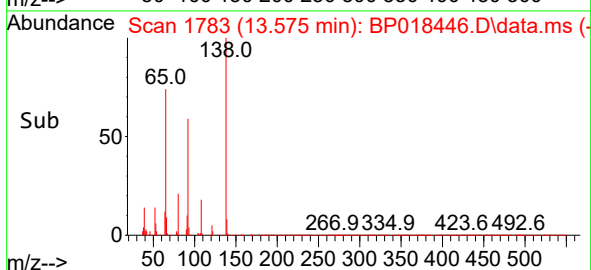
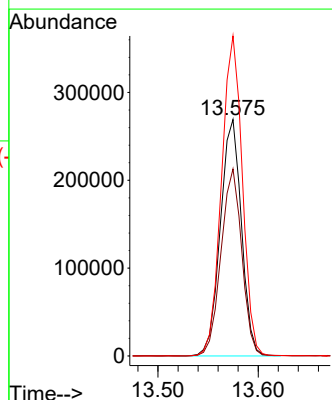
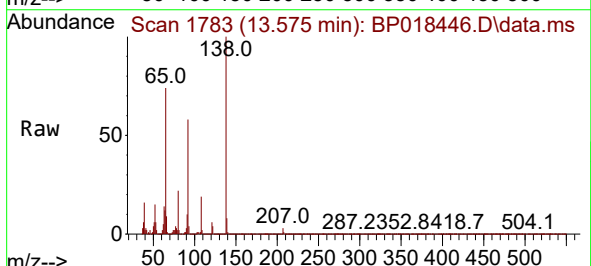
Tgt Ion: 65 Resp: 391470

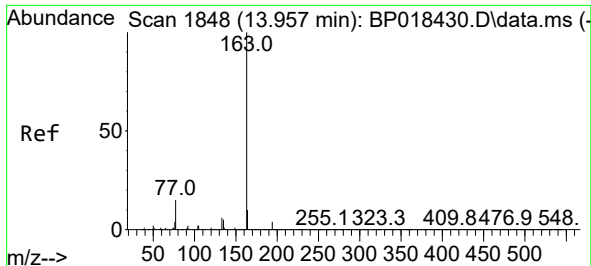
Ion Ratio Lower Upper

65 100

92 79.1 57.4 86.2

138 135.4 90.6 136.0

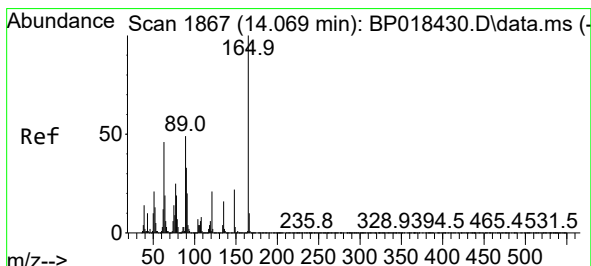
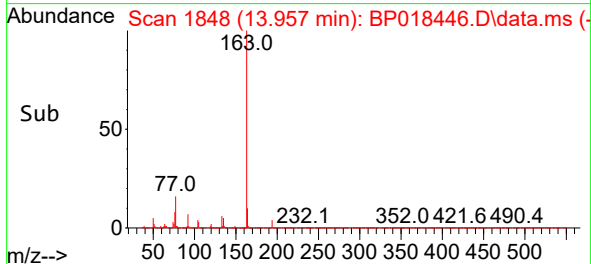
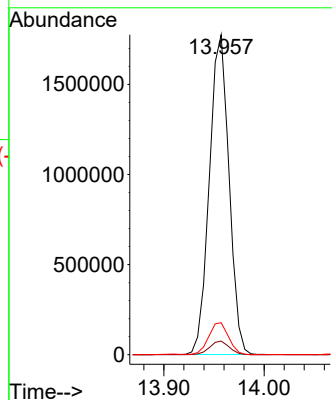
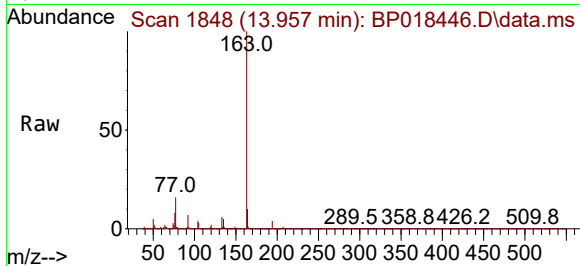




#47
Dimethylphthalate
Concen: 27.430 ng/ul
RT: 13.957 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

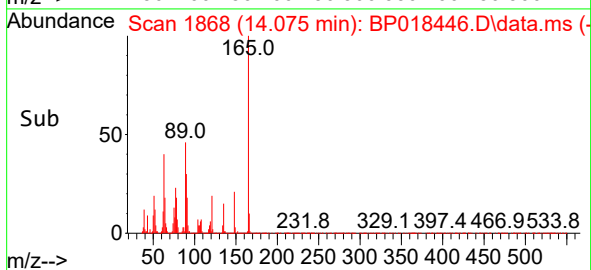
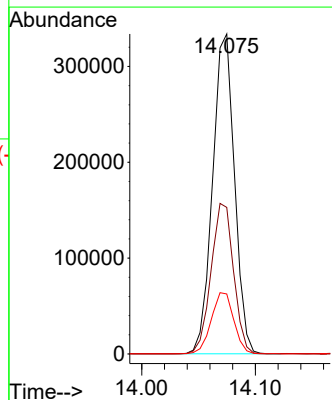
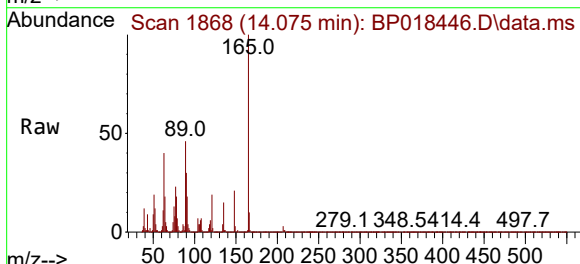
Instrument :
BNA_P
ClientSampleId :

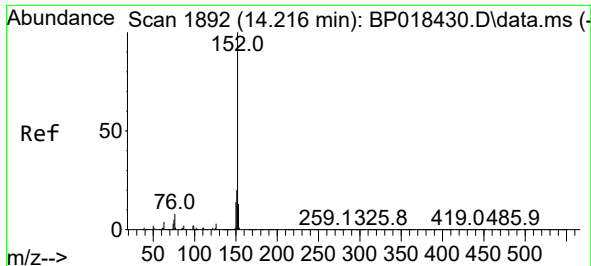
Tgt Ion:163 Resp: 2422467
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 30.063 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. 0.006 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

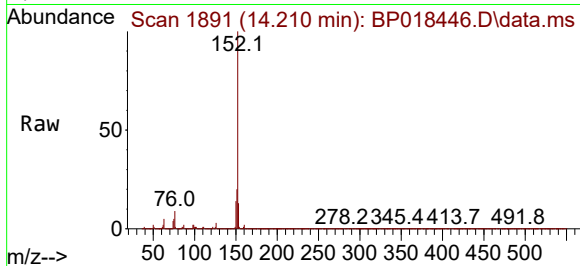
Tgt Ion:165 Resp: 447618
Ion Ratio Lower Upper
165 100
89 45.8 45.8 68.6
121 18.7 17.8 26.8



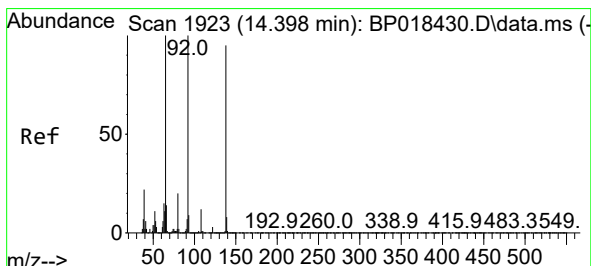
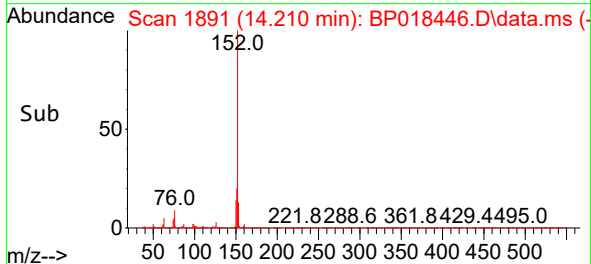
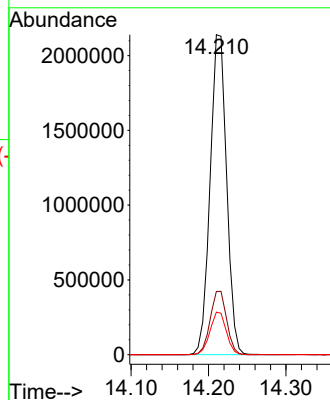


#50
Acenaphthylene
Concen: 27.695 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Instrument :
BNA_P
ClientSampleId :

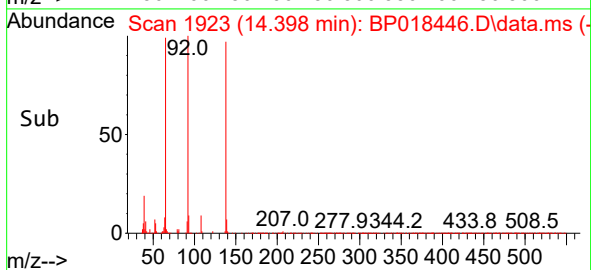
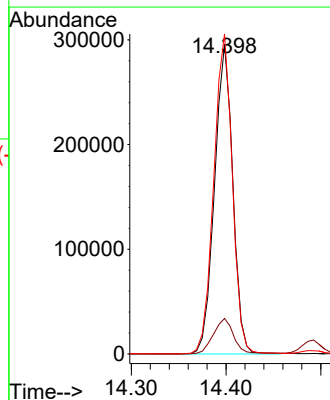
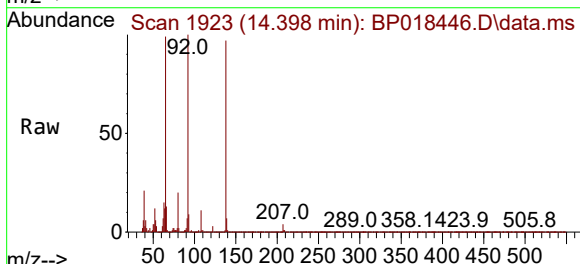


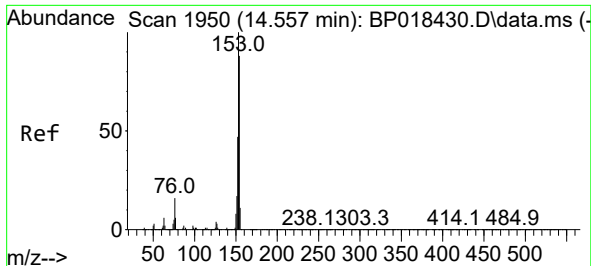
Tgt Ion:152 Resp: 3174858
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.3 10.8 16.2



#51
3-Nitroaniline
Concen: 26.798 ng/ul
RT: 14.398 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

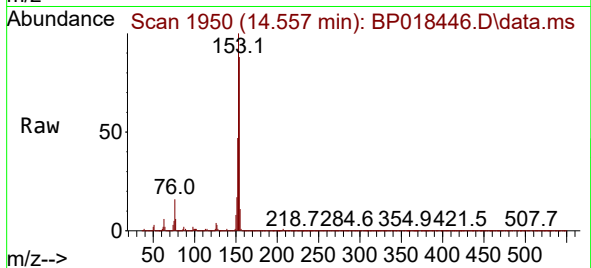
Tgt Ion:138 Resp: 396443
Ion Ratio Lower Upper
138 100
108 11.5 13.2 19.8#
92 103.4 90.2 135.4



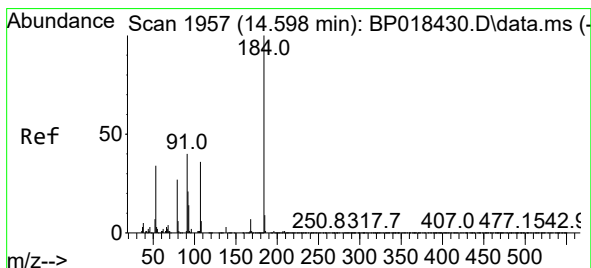
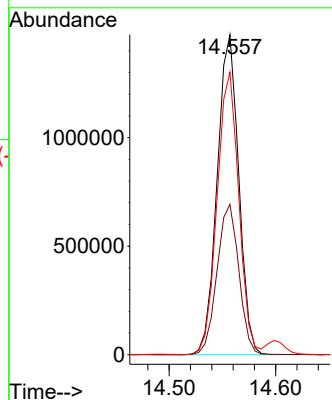
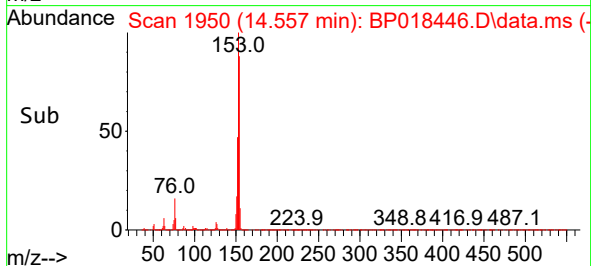


#52
Acenaphthene
Concen: 27.591 ng/ul
RT: 14.557 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

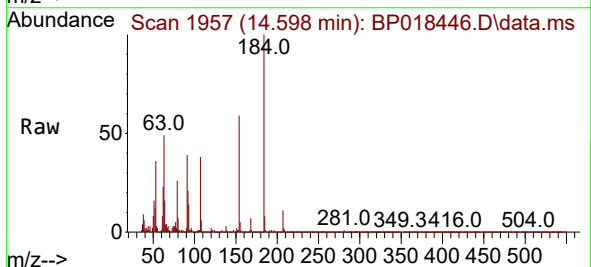
Instrument :
BNA_P
ClientSampleId :



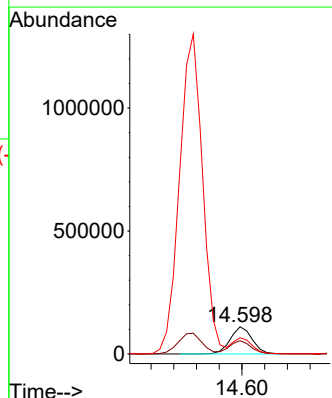
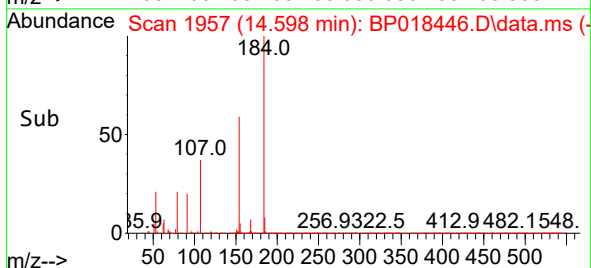
Tgt Ion:153 Resp: 2066284
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.8
154 88.3 71.2 106.8

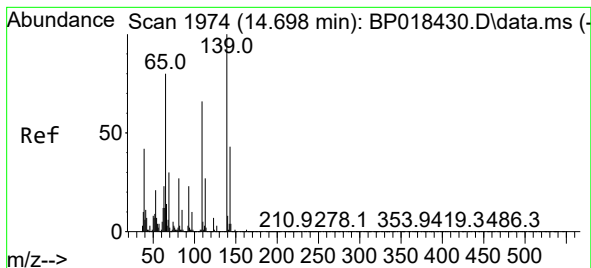


#53
2,4-Dinitrophenol
Concen: 28.435 ng/ul
RT: 14.598 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07



Tgt Ion:184 Resp: 147705
Ion Ratio Lower Upper
184 100
63 48.6 41.8 62.6
154 59.5 47.3 70.9

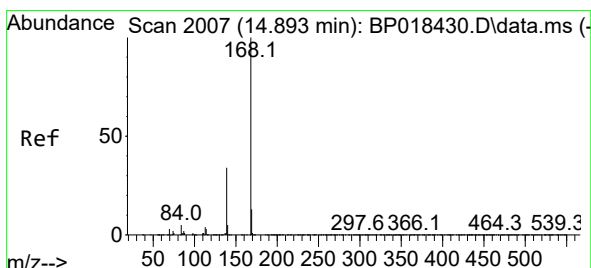
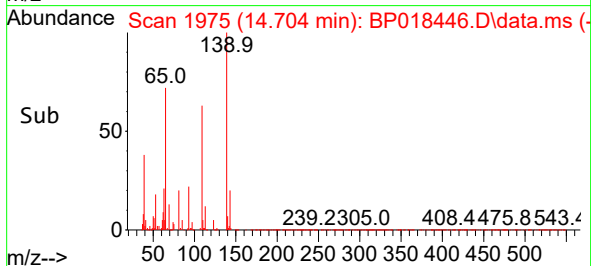
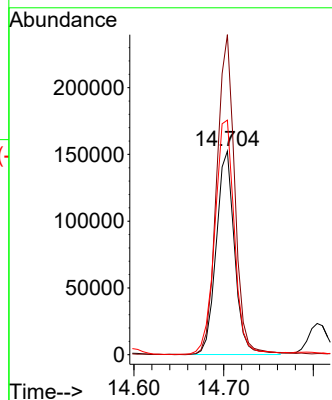
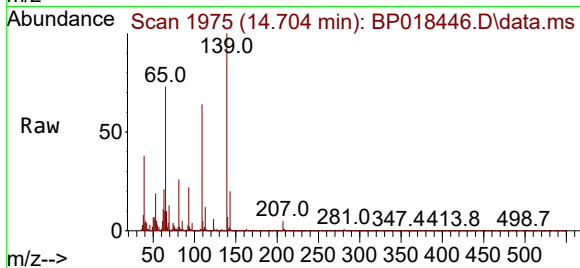




#55
4-Nitrophenol
Concen: 23.426 ng/ul
RT: 14.704 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

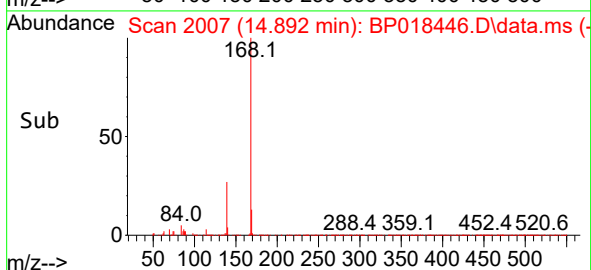
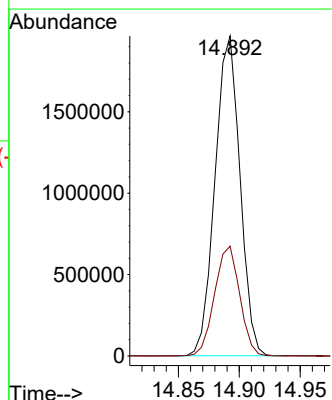
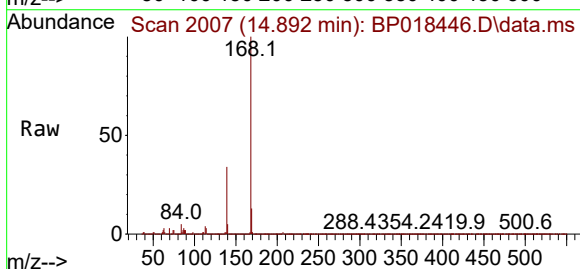
Instrument :
BNA_P
ClientSampleId :

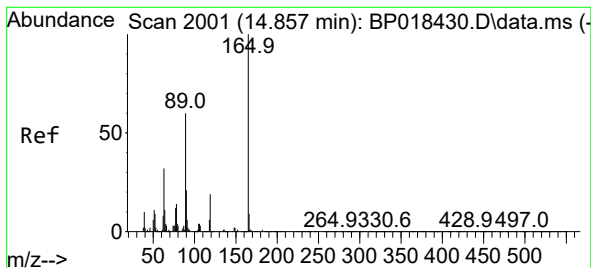
Tgt Ion:109 Resp: 216256
Ion Ratio Lower Upper
109 100
139 157.2 113.0 169.4
65 115.2 99.6 149.4



#56
Dibenzofuran
Concen: 27.362 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:168 Resp: 2801356
Ion Ratio Lower Upper
168 100
139 34.3 29.0 43.4

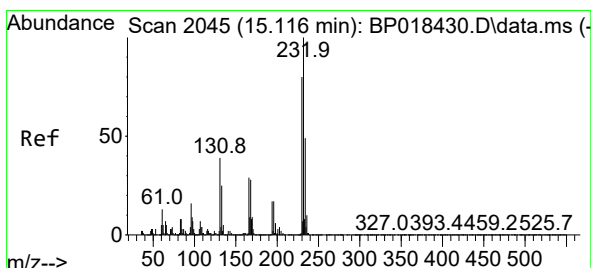
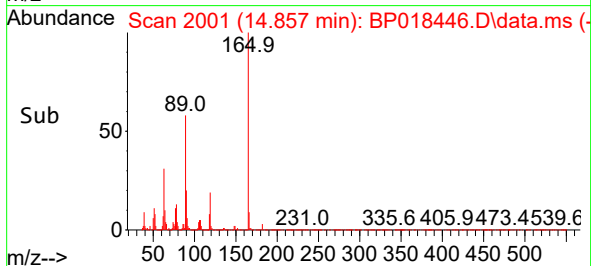
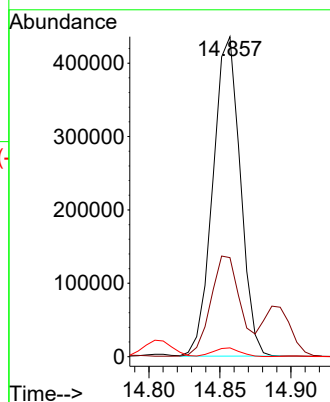
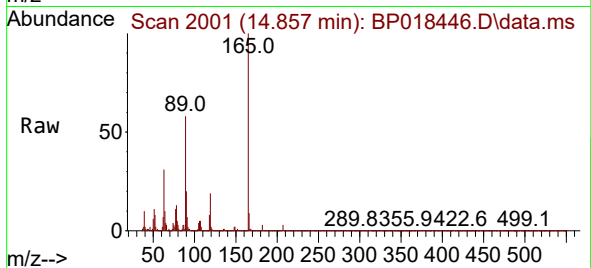




#57
2,4-Dinitrotoluene
Concen: 29.054 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

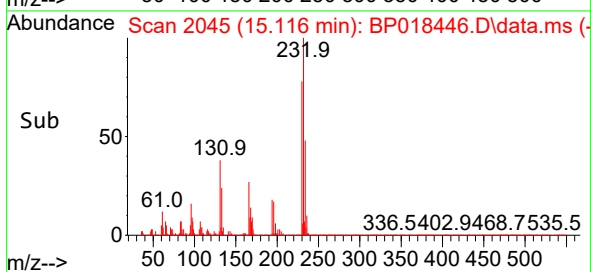
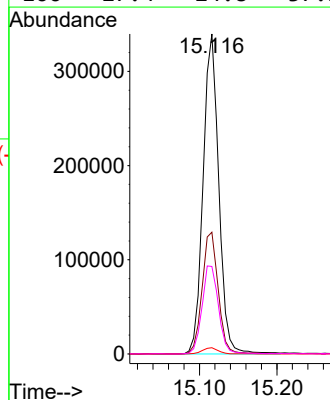
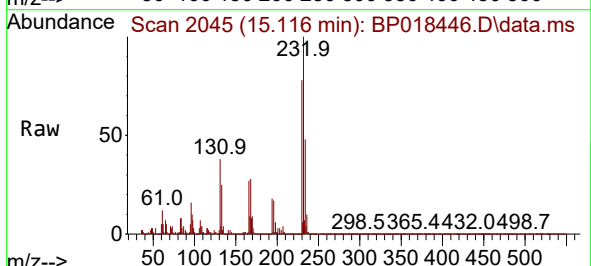
Instrument :
BNA_P
ClientSampleId :

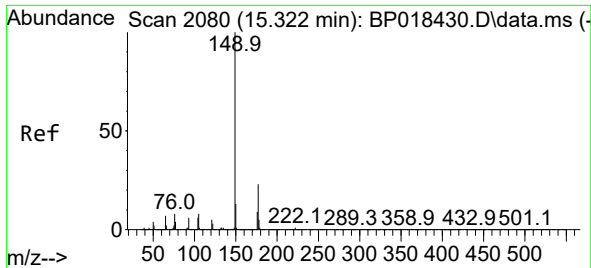
Tgt Ion:165 Resp: 584585
Ion Ratio Lower Upper
165 100
63 31.0 32.1 48.1#
182 2.8 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 26.121 ng/ul
RT: 15.116 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:232 Resp: 477251
Ion Ratio Lower Upper
232 100
131 38.1 34.1 51.1
130 2.0 1.8 2.6
166 27.4 24.8 37.2

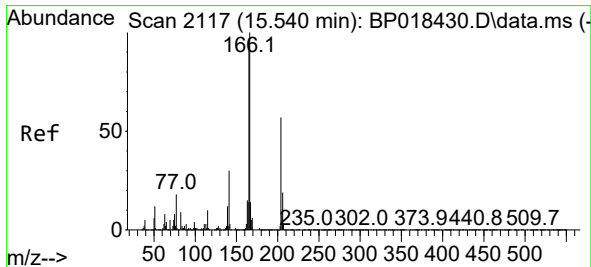
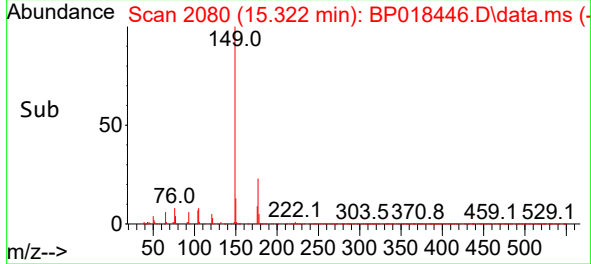
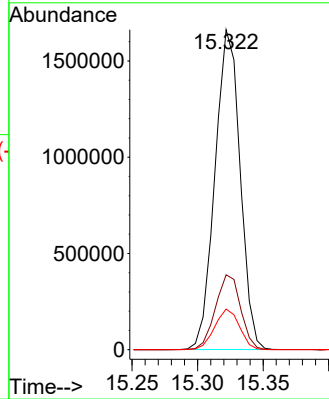
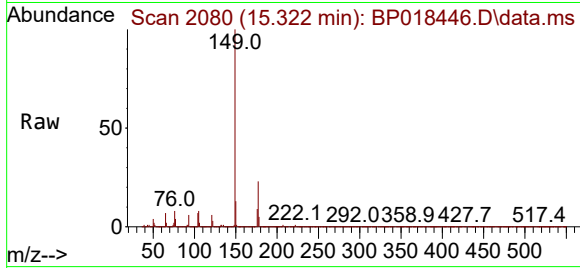




#59
Diethylphthalate
Concen: 24.949 ng/ul
RT: 15.322 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

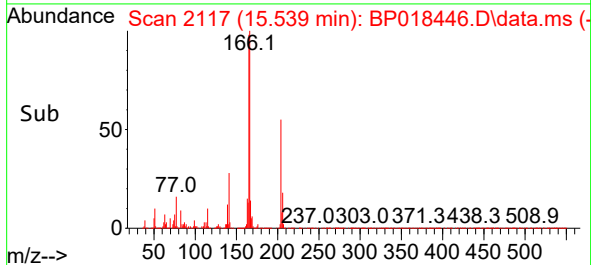
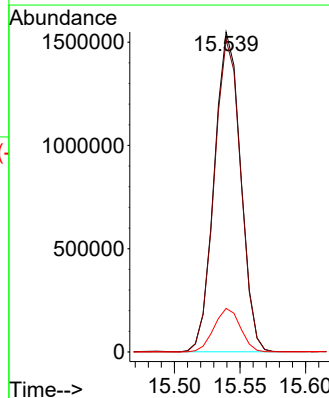
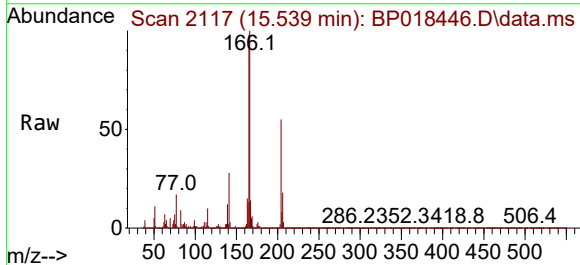
Instrument :
BNA_P
ClientSampleId :

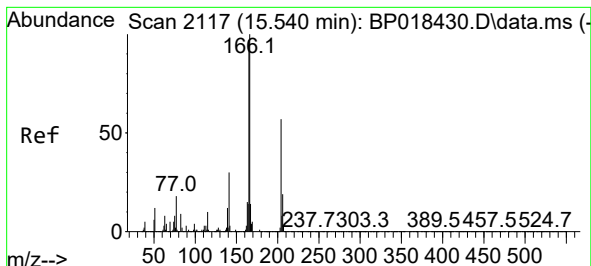
Tgt Ion:149 Resp: 2213304
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 12.7 10.2 15.2



#61
Fluorene
Concen: 25.949 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:166 Resp: 2166564
Ion Ratio Lower Upper
166 100
165 97.6 77.5 116.3
167 13.6 10.6 16.0

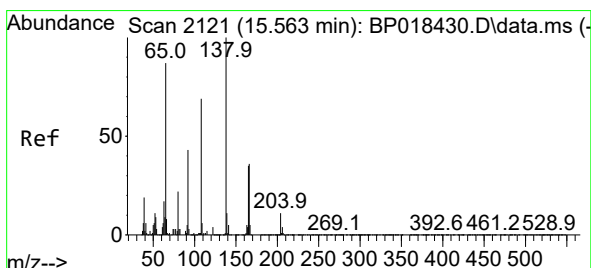
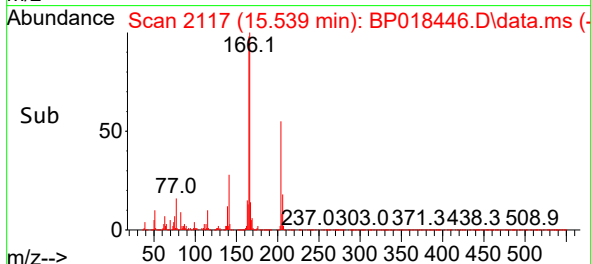
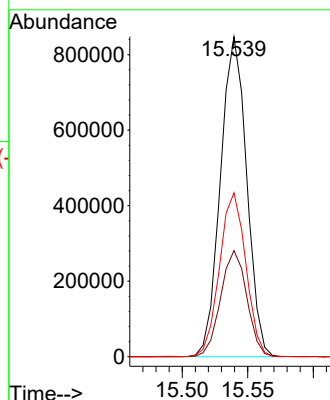
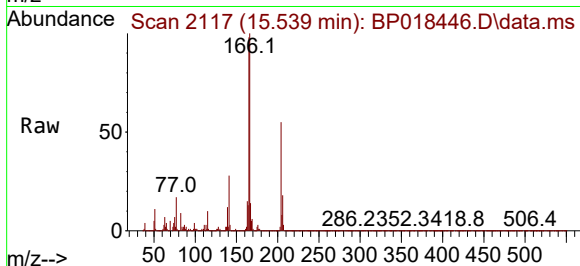




#62
4-Chlorophenyl-phenylether
Concen: 27.788 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

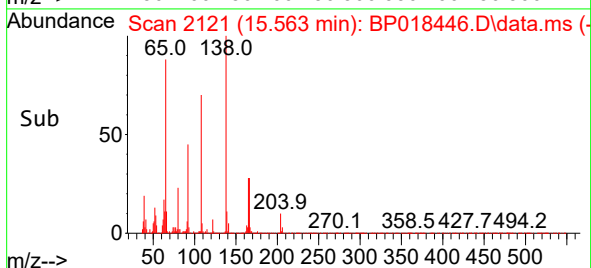
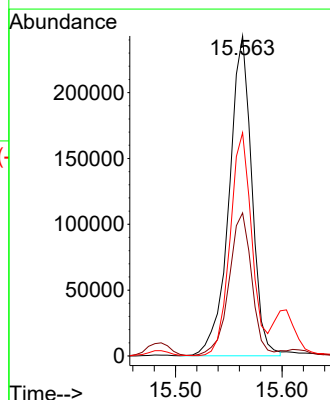
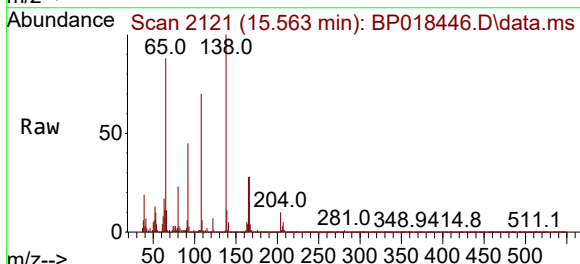
Instrument :
BNA_P
ClientSampleId :

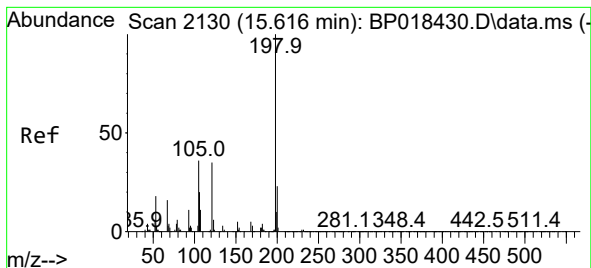
Tgt Ion:204 Resp: 1178118
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 51.2 44.8 67.2



#63
4-Nitroaniline
Concen: 25.749 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:138 Resp: 359492
Ion Ratio Lower Upper
138 100
92 44.7 39.3 58.9
108 69.7 61.8 92.6

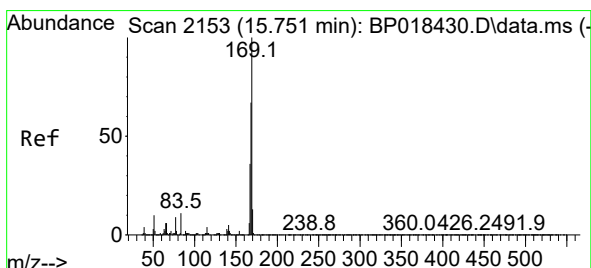
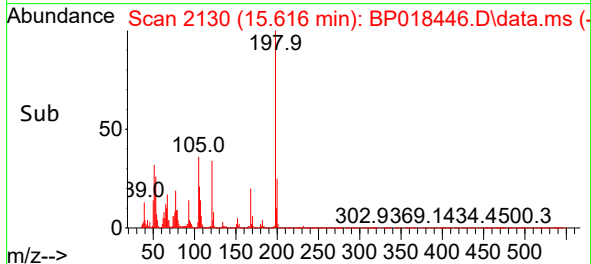
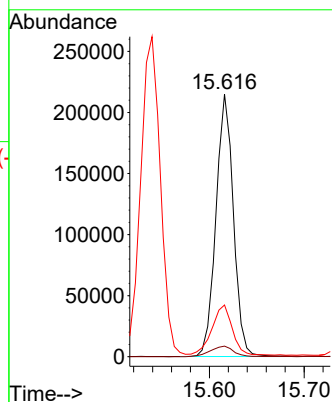
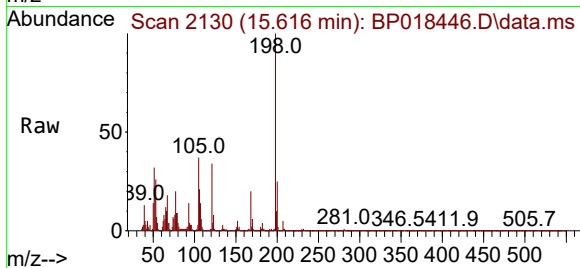




#66
4,6-Dinitro-2-methylphenol
Concen: 32.247 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

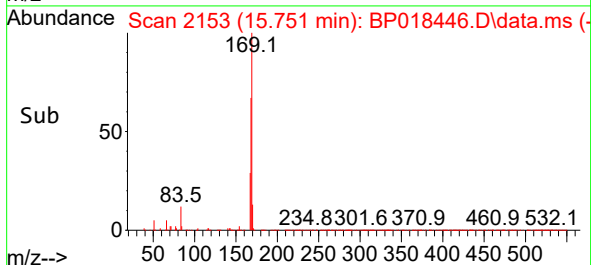
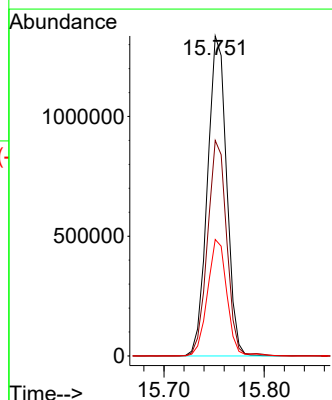
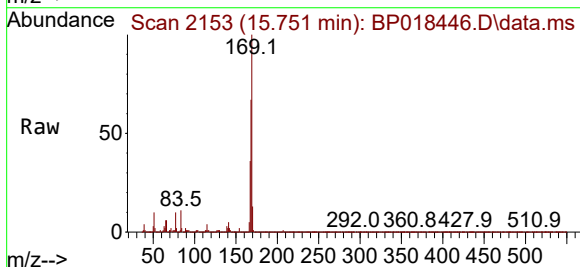
Instrument :
BNA_P
ClientSampleId :

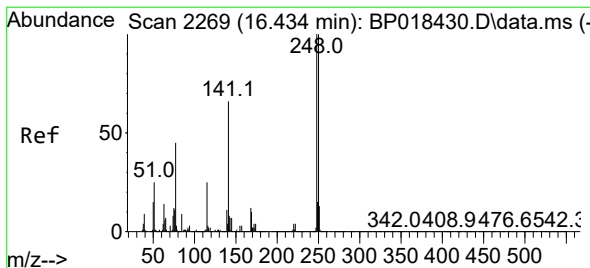
Tgt Ion:198 Resp: 275420
Ion Ratio Lower Upper
198 100
182 4.0 3.0 4.4
77 19.7 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 28.859 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

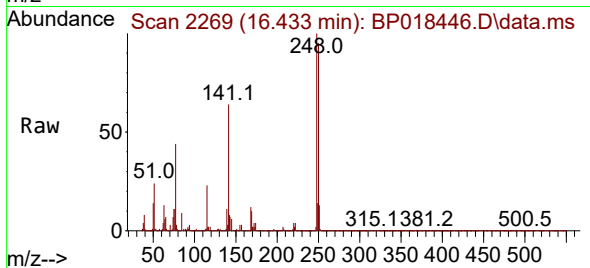
Tgt Ion:169 Resp: 1770391
Ion Ratio Lower Upper
169 100
168 67.3 53.1 79.7
167 36.4 28.8 43.2



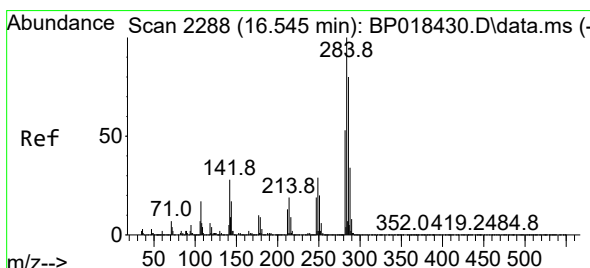
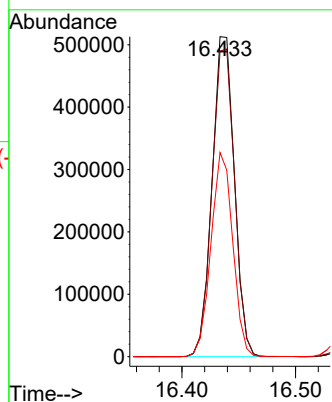
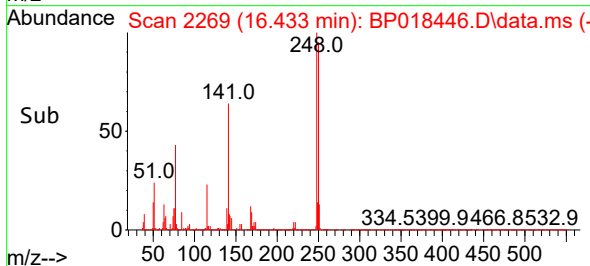


#68
4-Bromophenyl-phenylether
Concen: 30.675 ng/ul
RT: 16.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Instrument :
BNA_P
ClientSampleId :

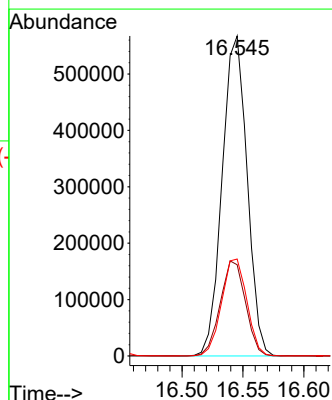
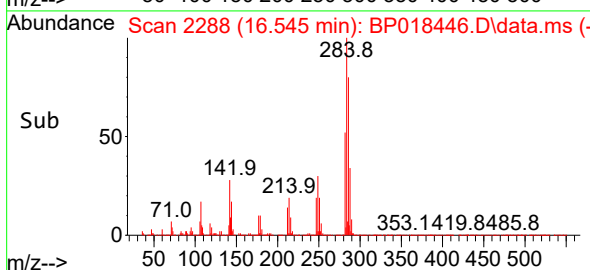
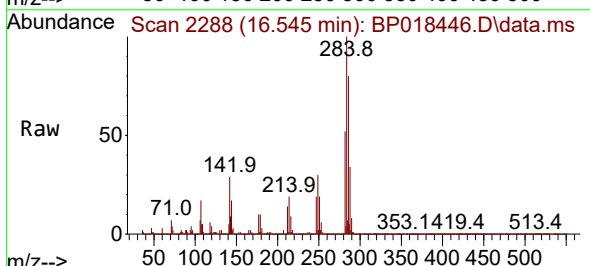


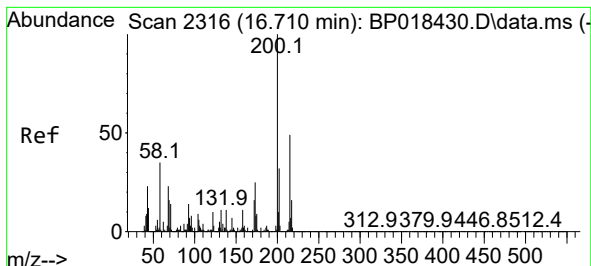
Tgt Ion:248 Resp: 700626
Ion Ratio Lower Upper
248 100
250 95.5 77.4 116.2
141 63.8 56.0 84.0



#69
Hexachlorobenzene
Concen: 31.710 ng/ul
RT: 16.545 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BP018446.D
Acq: 28 Nov 2023 18:07

Tgt Ion:284 Resp: 809688
Ion Ratio Lower Upper
284 100
142 28.5 28.9 43.3#
249 30.3 26.0 39.0





#70

Atrazine

Concen: 9.573 ng/ul

RT: 16.710 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

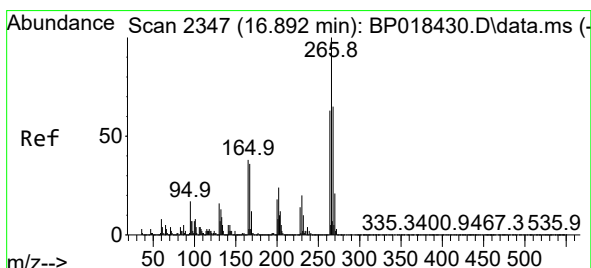
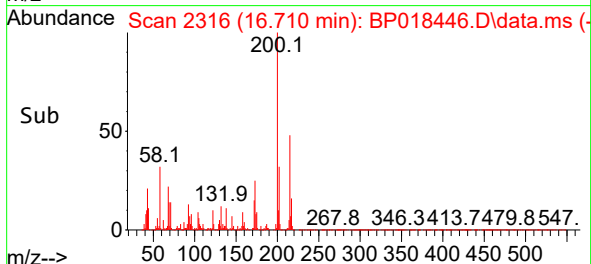
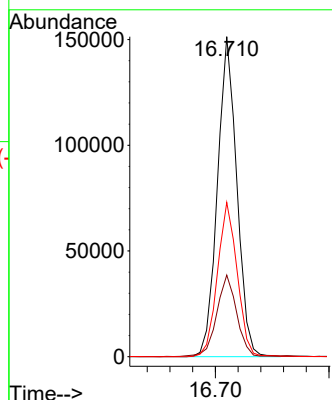
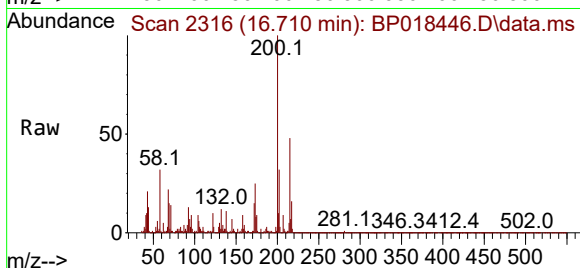
Tgt Ion:200 Resp: 179285

Ion Ratio Lower Upper

200 100

173 25.5 21.1 31.7

215 48.2 38.3 57.5



#71

Pentachlorophenol

Concen: 26.324 ng/ul

RT: 16.892 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

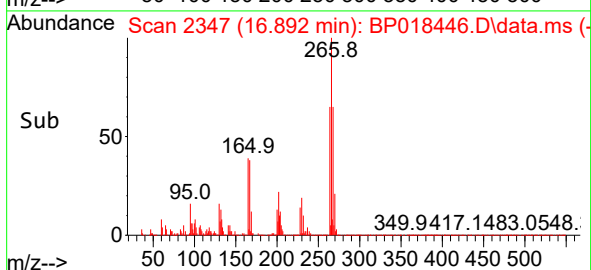
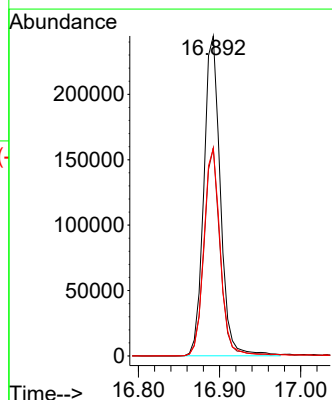
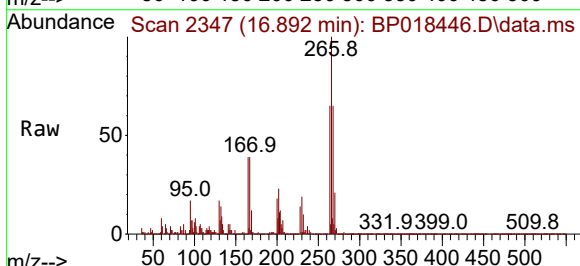
Tgt Ion:266 Resp: 345369

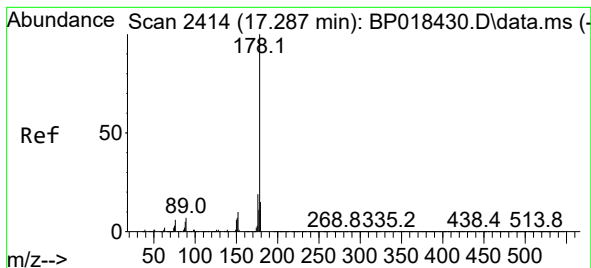
Ion Ratio Lower Upper

266 100

264 65.0 50.1 75.1

268 64.8 50.1 75.1





#72

Phenanthrene

Concen: 28.439 ng/ul

RT: 17.286 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

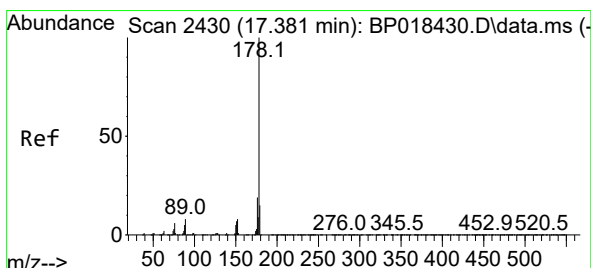
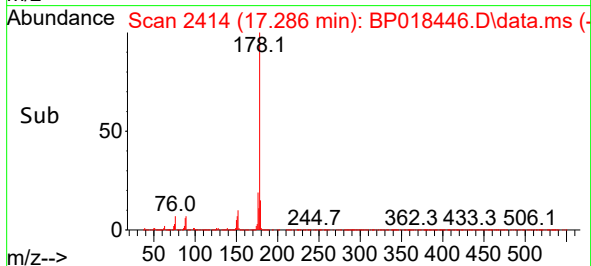
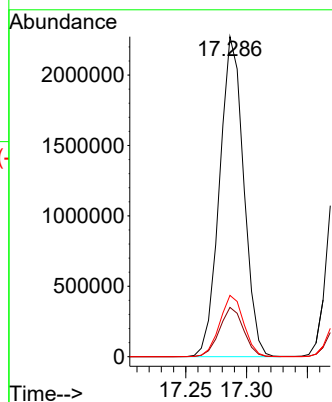
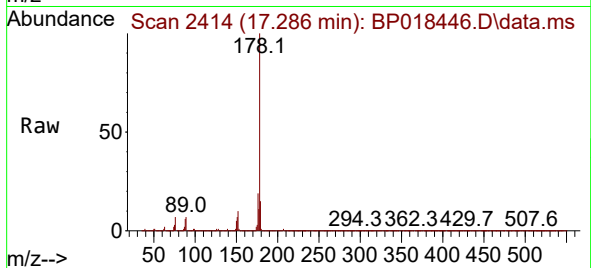
Tgt Ion:178 Resp: 3129248

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.2 15.1 22.7



#74

Anthracene

Concen: 26.413 ng/ul

RT: 17.381 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

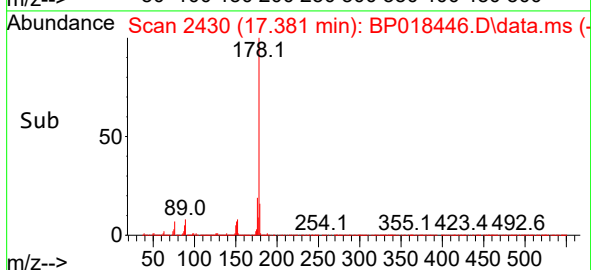
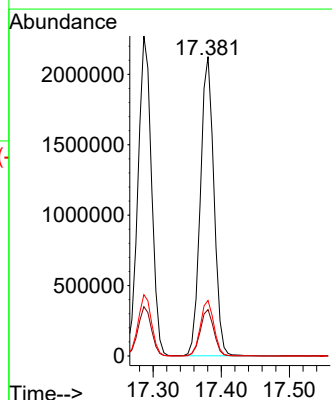
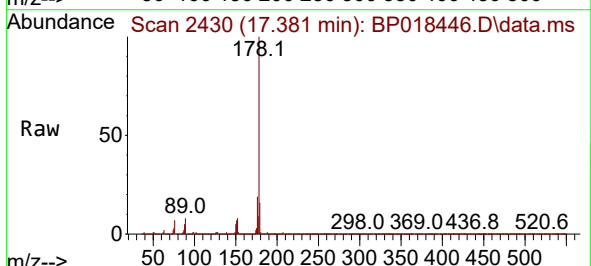
Tgt Ion:178 Resp: 2933672

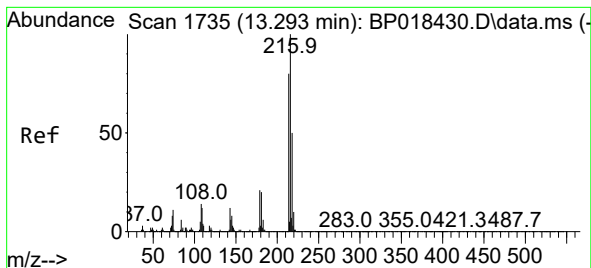
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.6 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 36.910 ng/uL

RT: 13.287 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

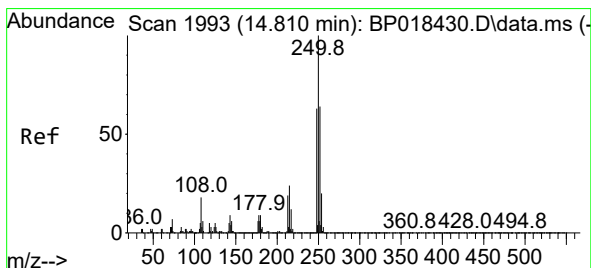
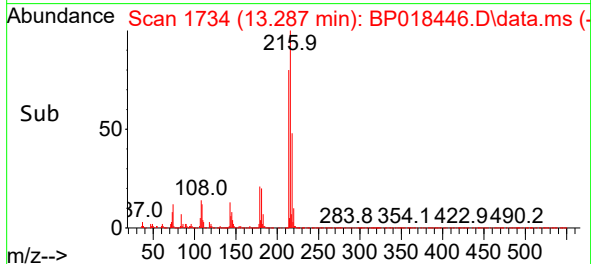
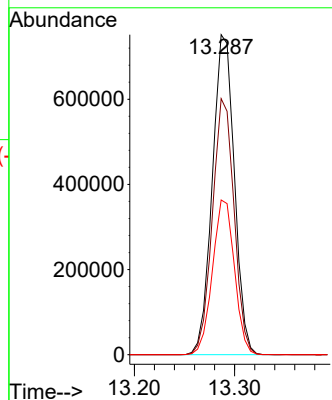
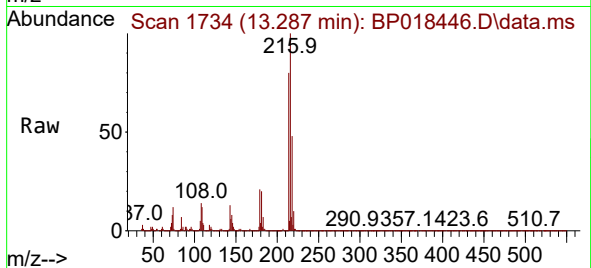
Tgt Ion:216 Resp: 1147732

Ion Ratio Lower Upper

216 100

214 80.0 62.0 93.0

218 48.4 38.6 57.8



#76

Pentachlorobenzene

Concen: 35.379 ng/uL

RT: 14.810 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

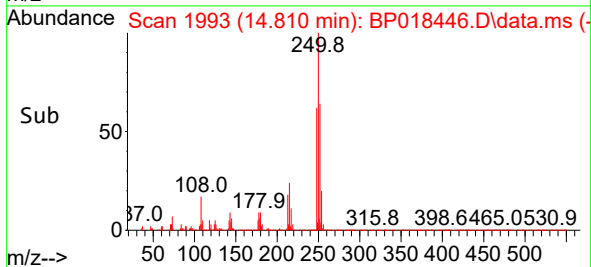
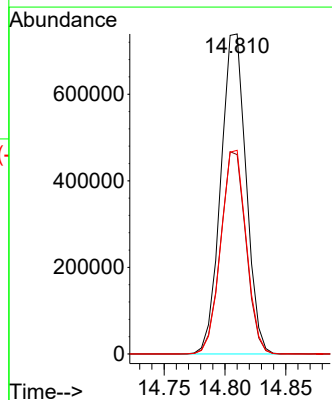
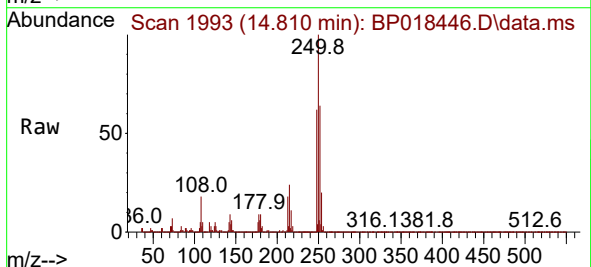
Tgt Ion:250 Resp: 1068632

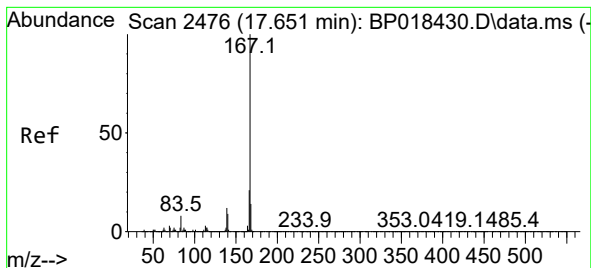
Ion Ratio Lower Upper

250 100

248 62.3 51.0 76.6

252 63.7 51.5 77.3





#77

Carbazole

Concen: 28.144 ng/ul

RT: 17.651 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

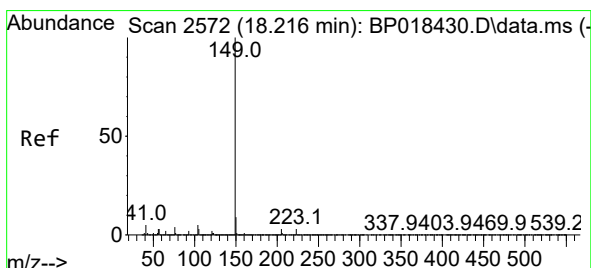
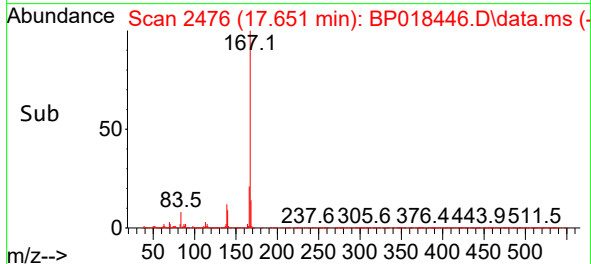
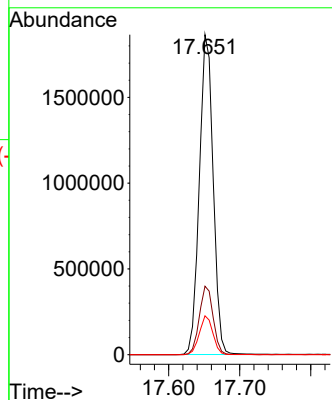
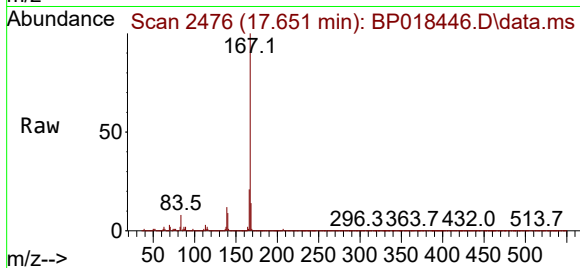
Tgt Ion:167 Resp: 2532487

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

139 12.1 10.0 15.0



#78

Di-n-butylphthalate

Concen: 24.588 ng/ul

RT: 18.222 min Scan# 2573

Delta R.T. 0.006 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

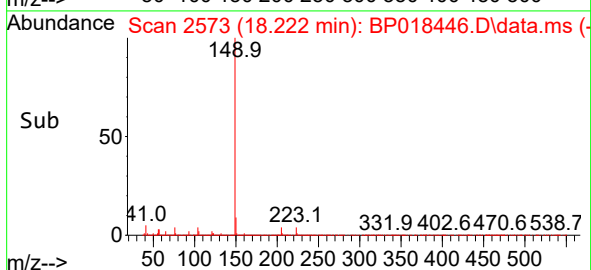
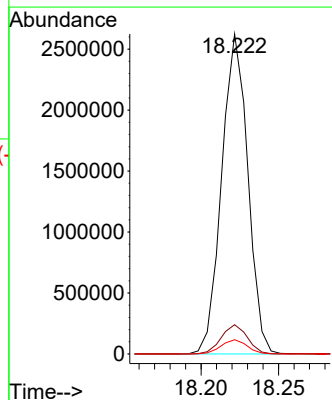
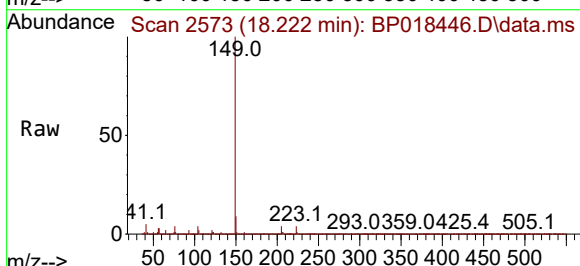
Tgt Ion:149 Resp: 3077552

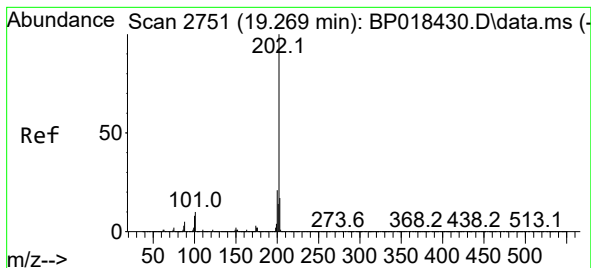
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.4 3.8 5.6





#80

Fluoranthene

Concen: 22.985 ng/ul

RT: 19.275 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

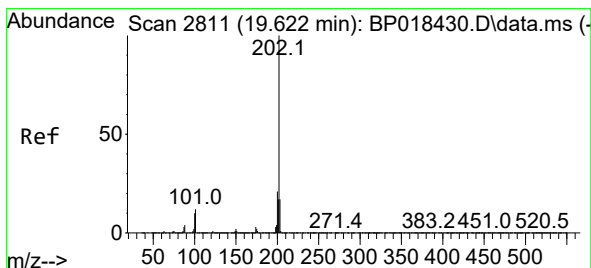
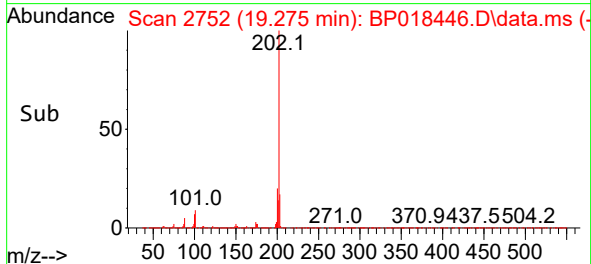
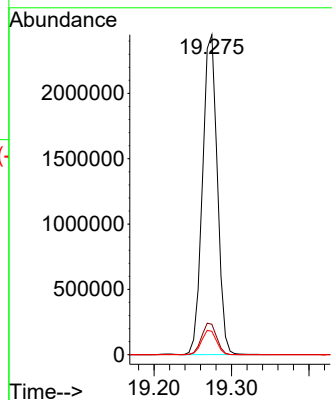
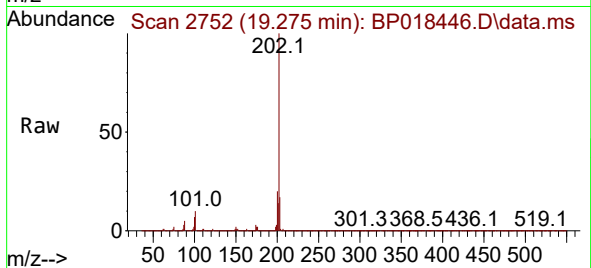
Tgt Ion:202 Resp: 3242737

Ion Ratio Lower Upper

202 100

101 9.5 8.6 13.0

100 7.3 6.7 10.1



#82

Pyrene

Concen: 23.351 ng/ul

RT: 19.627 min Scan# 2812

Delta R.T. 0.006 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

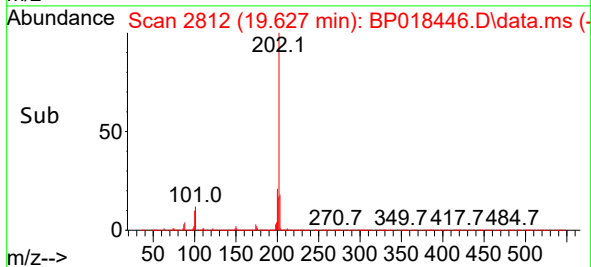
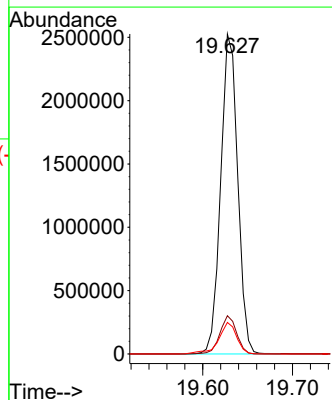
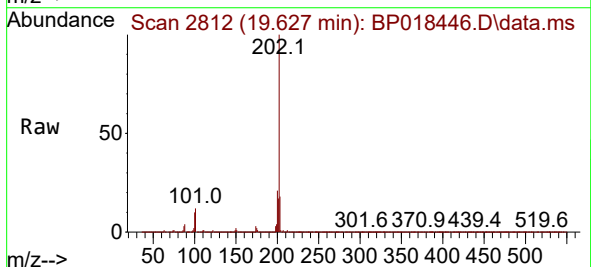
Tgt Ion:202 Resp: 3317299

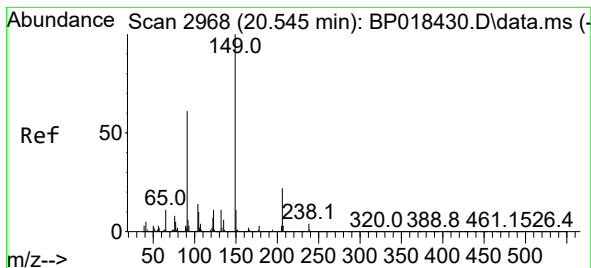
Ion Ratio Lower Upper

202 100

101 12.0 10.2 15.4

100 9.9 8.4 12.6





#83

Butylbenzylphthalate

Concen: 20.598 ng/ul

RT: 20.569 min Scan# 2968

Delta R.T. 0.023 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

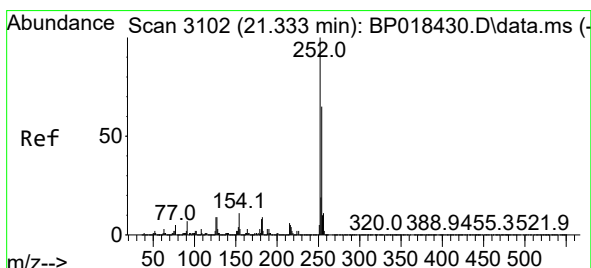
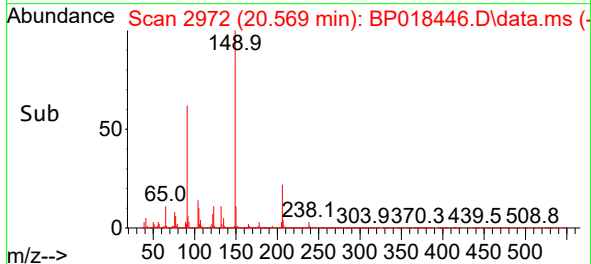
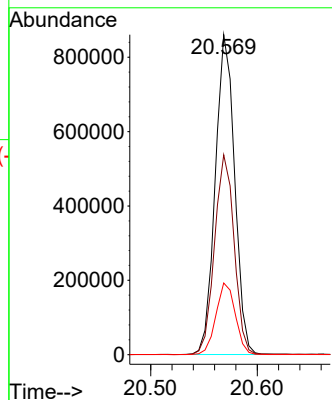
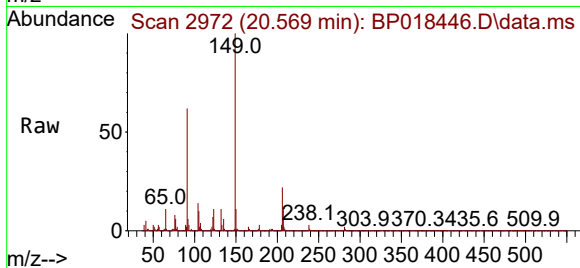
Tgt Ion:149 Resp: 1082909

Ion Ratio Lower Upper

149 100

91 62.5 53.7 80.5

206 22.4 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 25.664 ng/ul

RT: 21.369 min Scan# 3108

Delta R.T. 0.035 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

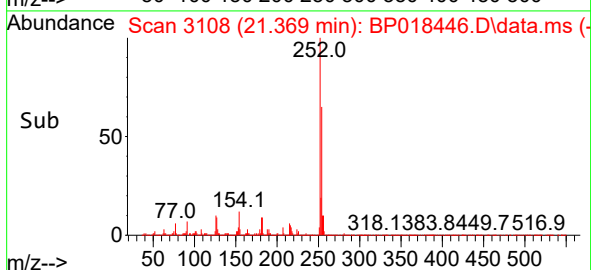
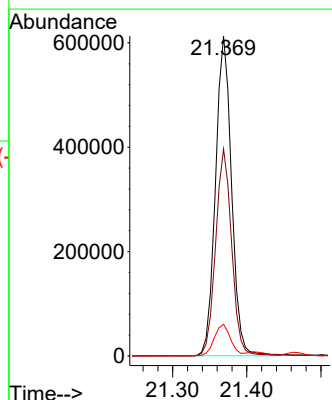
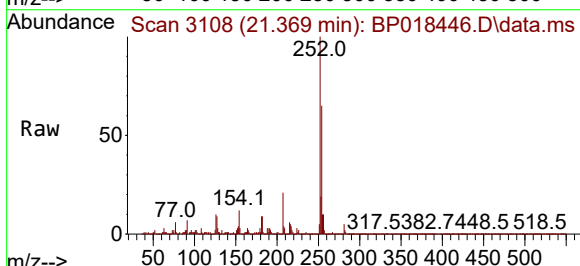
Tgt Ion:252 Resp: 921016

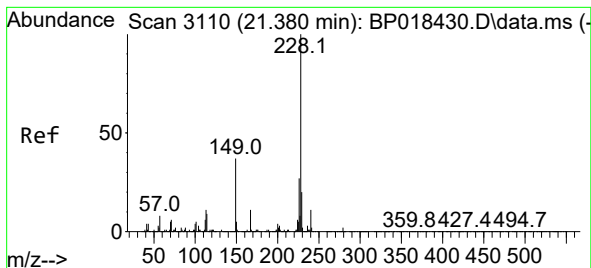
Ion Ratio Lower Upper

252 100

254 64.7 51.1 76.7

126 9.9 8.6 12.8





#85

Benzo(a)anthracene

Concen: 27.643 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.029 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

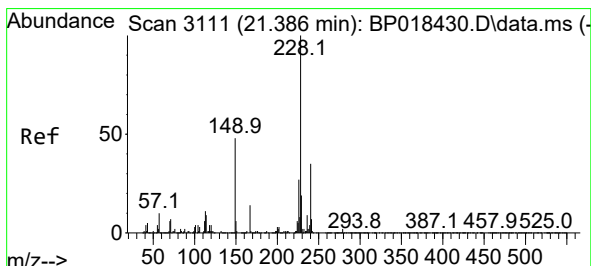
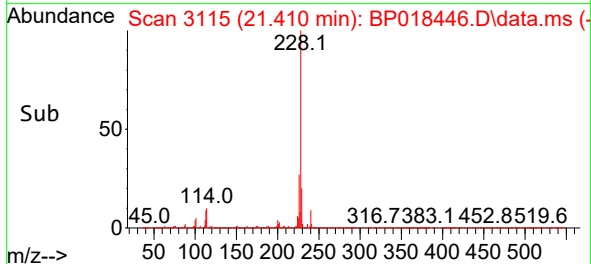
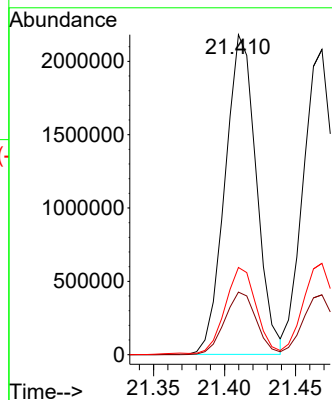
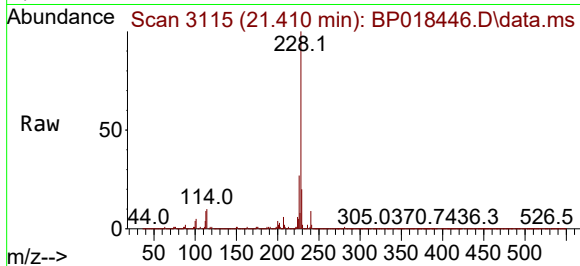
Tgt Ion:228 Resp: 3342798

Ion Ratio Lower Upper

228 100

229 19.6 16.2 24.2

226 27.2 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.876 ng/ul

RT: 21.463 min Scan# 3124

Delta R.T. 0.076 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

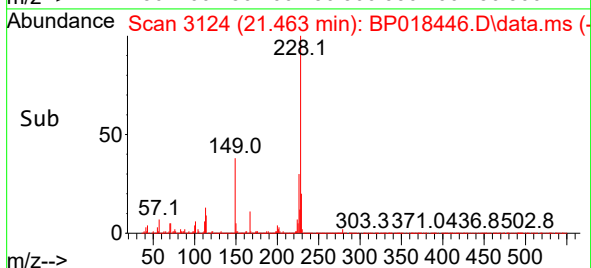
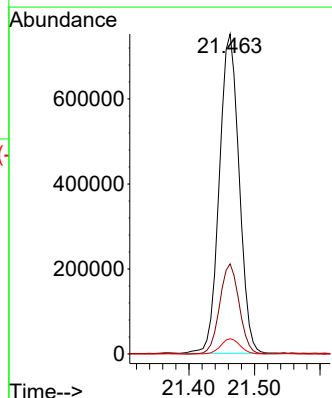
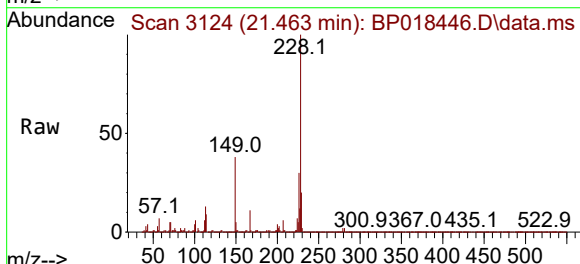
Tgt Ion:149 Resp: 1567720

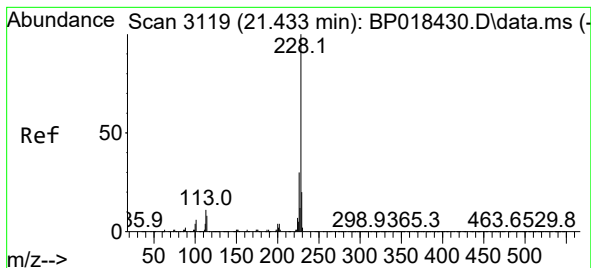
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 4.8 3.4 5.0





#87

Chrysene

Concen: 28.447 ng/ul

RT: 21.469 min Scan# 3119

Delta R.T. 0.035 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :

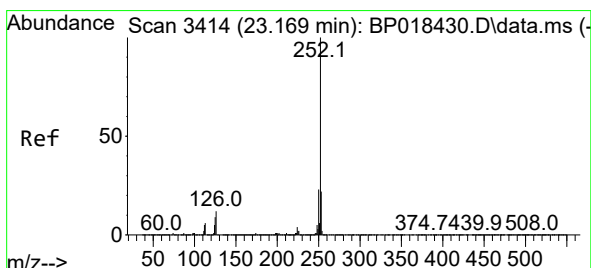
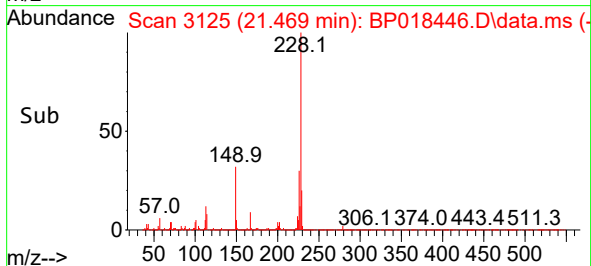
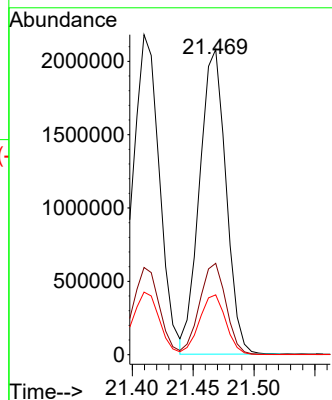
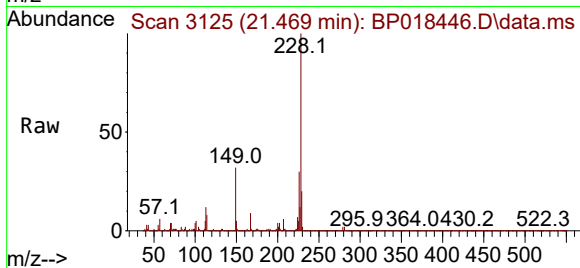
Tgt Ion:228 Resp: 3130322

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

229 19.6 16.1 24.1



#90

Benzo(b)fluoranthene

Concen: 17.719 ng/ul

RT: 23.263 min Scan# 3430

Delta R.T. 0.094 min

Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

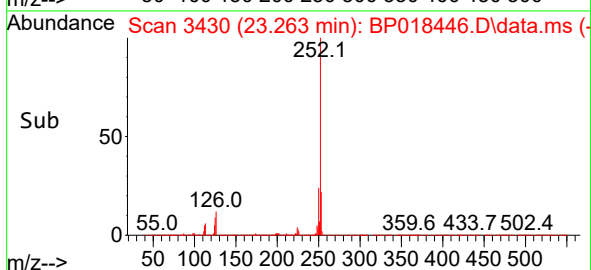
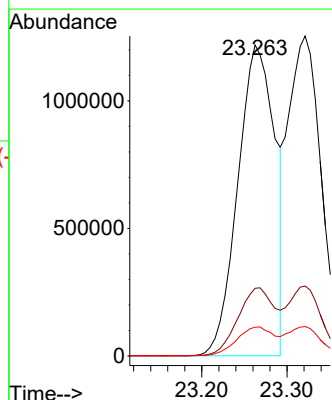
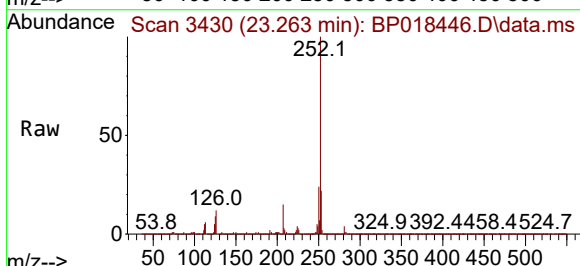
Tgt Ion:252 Resp: 3686502

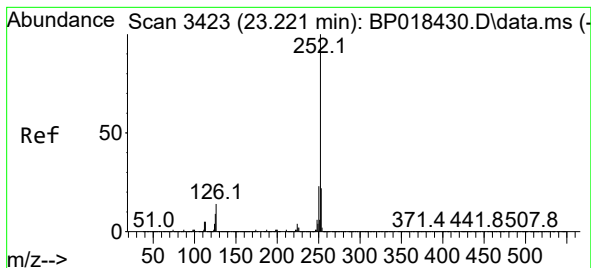
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.2 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 17.799 ng/ul

RT: 23.263 min Scan# 34

Delta R.T. 0.041 min

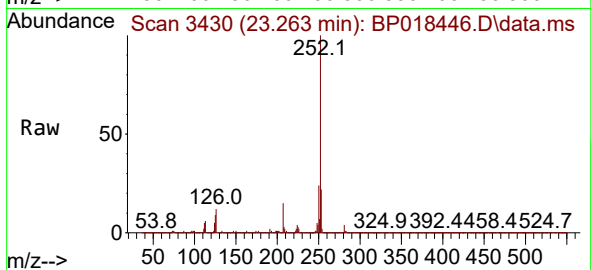
Lab File: BP018446.D

Acq: 28 Nov 2023 18:07

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:252 Resp: 3686502

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.2 8.0 12.0

