

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018216.D
 Acq On : 17 Nov 2023 10:23
 Operator : MA/JU
 Sample : PB157121BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 17 21:43:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	44283	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	190114	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	132642	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	308532	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	297890	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	313167	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	11531	9.186	ng/uL	0.00
4) Pyridine-d5	3.587	84	129869	39.678	ng/u1	0.00
7) Phenol-d5	6.946	99	190573	44.576	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	119205	47.446	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	153847	45.443	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	155566	44.406	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	75924	44.327	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	89536	46.141	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	162970	47.121	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	201073	42.395	ng/u1	-0.01
46) Dimethylphthalate-d6	13.887	166	570142	46.586	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	602881	45.227	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	76790	41.989	ng/u1	-0.01
60) Fluorene-d10	15.463	176	476159	47.124	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	101936	45.702	ng/u1	0.00
73) Anthracene-d10	17.345	188	762810	45.714	ng/u1	0.00
81) Pyrene-d10	19.598	212	936953	47.088	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	882356	48.455	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	25993	18.975	ng/uL	96
5) Pyridine	3.611	79	135021	39.970	ng/u1	97
6) Benzaldehyde	6.952	77	114048	49.533	ng/u1	94
8) Phenol	6.975	94	209032	49.564	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	164138	50.166	ng/u1	99
12) 2-Chlorophenol	7.334	128	167426	49.255	ng/u1	99
13) 2-Methylphenol	8.234	108	156115	48.991	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.293	45	113923	30.494	ng/u1	97
16) Acetophenone	8.640	105	276106	49.583	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.605	70	153028	50.334	ng/u1	96
18) 4-Methylphenol	8.575	108	169734	48.841	ng/u1	100
19) Hexachloroethane	8.828	117	84375	51.880	ng/u1	94
22) Nitrobenzene	9.028	77	240169	51.930	ng/u1	96
23) Isophorone	9.534	82	416562	49.360	ng/u1	98
25) 2-Nitrophenol	9.728	139	102393	51.350	ng/u1	96
26) 2,4-Dimethylphenol	9.775	107	179543	42.328	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	232007	50.414	ng/u1	99
29) 2,4-Dichlorophenol	10.252	162	167481	50.712	ng/u1	97
30) Naphthalene	10.646	128	573163	49.575	ng/u1	99
32) 4-Chloroaniline	10.805	127	191222	42.092	ng/u1	99
33) Hexachlorobutadiene	10.863	225	125818	51.895	ng/u1	95
34) Caprolactam	11.634	113	25972	23.673	ng/u1	89
35) 4-Chloro-3-methylphenol	11.916	107	197876	49.802	ng/u1	100
36) 2-Methylnaphthalene	12.263	142	412272	51.940	ng/u1	99

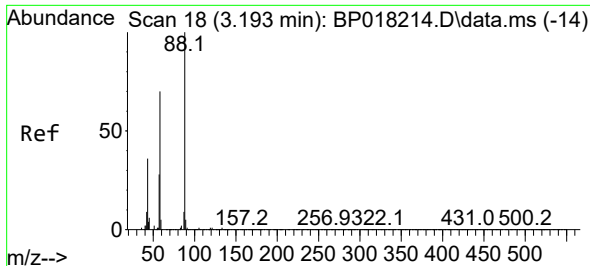
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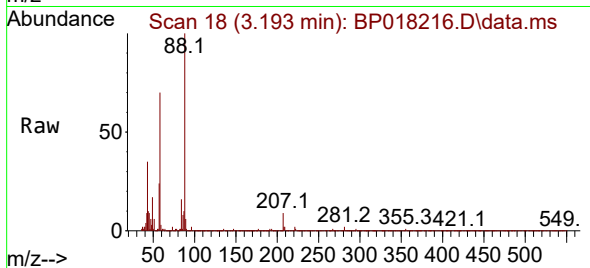
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	408747	50.113	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.622	216	217787	48.603	ng/ul	97
40) Hexachlorocyclopentadiene	12.557	237	85331	39.452	ng/ul	100
41) 2,4,6-Trichlorophenol	12.887	196	141853	48.258	ng/ul	94
42) 2,4,5-Trichlorophenol	12.963	196	149469	48.316	ng/ul	94
43) 1,1'-Biphenyl	13.287	154	562555	49.876	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	440862	49.232	ng/ul	99
45) 2-Nitroaniline	13.593	65	161816	55.998	ng/ul	89
47) Dimethylphthalate	13.934	163	620625	51.695	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	124057	51.989	ng/ul	96
50) Acenaphthylene	14.187	152	747736	49.684	ng/ul	99
51) 3-Nitroaniline	14.434	138	117254	52.954	ng/ul	92
52) Acenaphthene	14.528	153	504791	50.583	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	48038	36.902	ng/ul	94
55) 4-Nitrophenol	14.734	109	133551	55.014	ng/ul	89
56) Dibenzofuran	14.863	168	704061	51.482	ng/ul	95
57) 2,4-Dinitrotoluene	14.881	165	194185	54.467	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.093	232	129762	47.152	ng/ul	96
59) Diethylphthalate	15.293	149	687108	54.782	ng/ul	100
61) Fluorene	15.522	166	613047	52.800	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	306274	53.829	ng/ul	96
63) 4-Nitroaniline	15.610	138	120625	57.729	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.640	198	110859	47.898	ng/ul	96
67) N-Nitrosodiphenylamine	15.745	169	509186	51.460	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	179011	51.479	ng/ul	91
69) Hexachlorobenzene	16.498	284	196155	50.552	ng/ul	98
70) Atrazine	16.704	200	138607	40.158	ng/ul	97
71) Pentachlorophenol	16.875	266	66623	28.286	ng/ul	97
72) Phenanthrene	17.287	178	985083	52.000	ng/ul	100
74) Anthracene	17.381	178	989719	51.196	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	220386	46.776	ng/uL	97
76) Pentachlorobenzene	14.757	250	214655	46.539	ng/uL	97
77) Carbazole	17.681	167	901110	53.677	ng/ul	99
78) Di-n-butylphthalate	18.187	149	1248304	58.604	ng/ul	98
80) Fluoranthene	19.269	202	1208654	52.012	ng/ul	99
82) Pyrene	19.628	202	1267828	52.066	ng/ul	99
83) Butylbenzylphthalate	20.498	149	607089	59.283	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.304	252	379283	53.292	ng/ul	96
85) Benzo(a)anthracene	21.357	228	1277997	53.130	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	870318	61.642	ng/ul	99
87) Chrysene	21.416	228	1174653	52.199	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	1528369	65.258	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1221957	54.828	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	1194125	53.254	ng/ul	99
93) Benzo(a)pyrene	23.733	252	1132017	53.784	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.474	276	1306693	51.763	ng/ul	97
95) Dibenzo(a,h)anthracene	26.492	278	1095274	52.695	ng/ul	99
96) Benzo(g,h,i)perylene	27.286	276	1040074	51.512	ng/ul	96

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

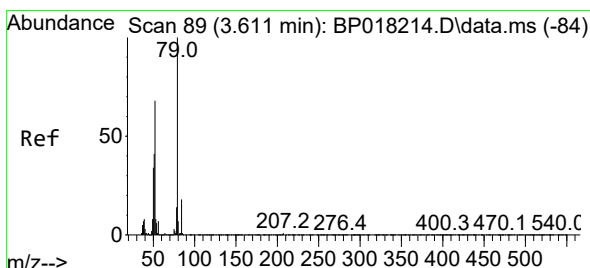
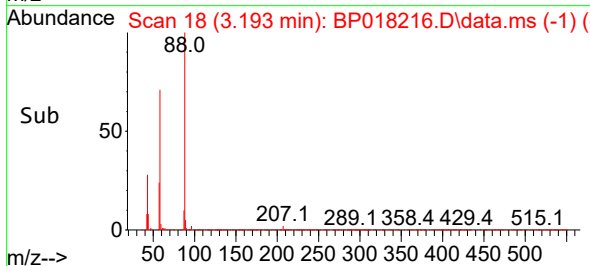
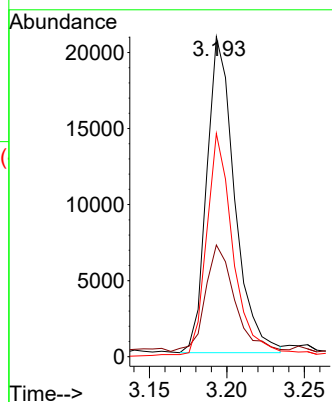


#2
1,4-Dioxane
Concen: 18.975 ng/uL
RT: 3.193 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Instrument :
BNA_P
ClientSampleId :

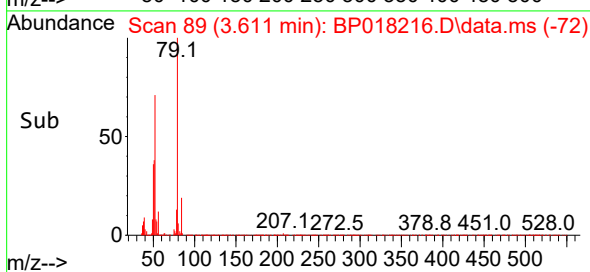
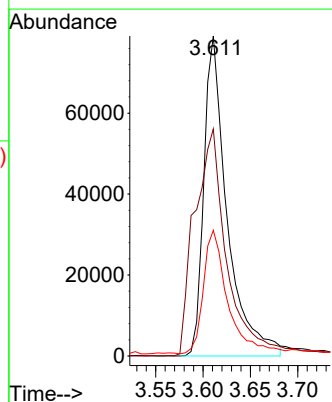
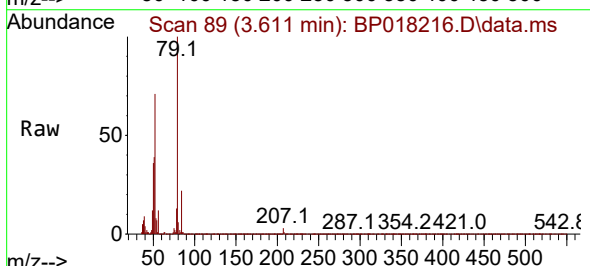


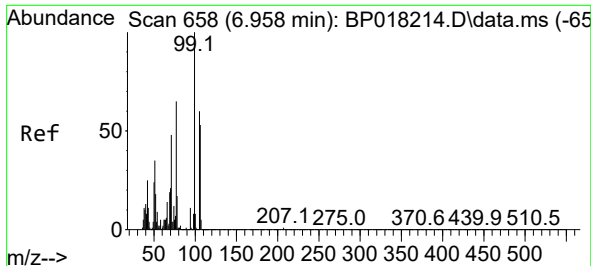
Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.9	25.4	38.2
58	69.7	53.3	79.9



#5
Pyridine
Concen: 39.970 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion	Ratio	Lower	Upper
79	100		
52	70.9	53.9	80.9
51	39.3	32.2	48.2

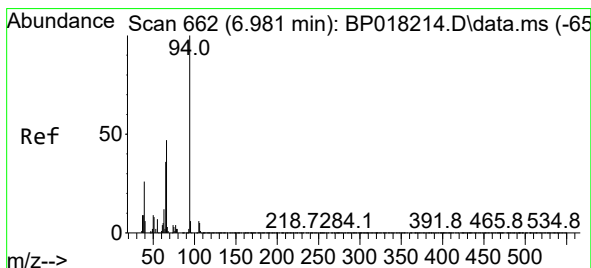
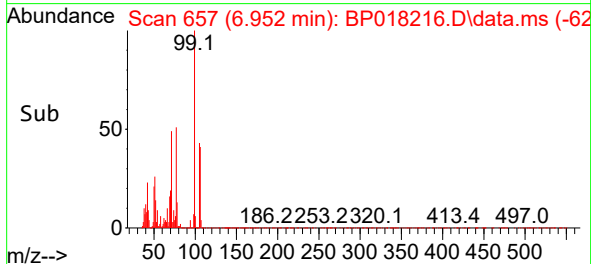
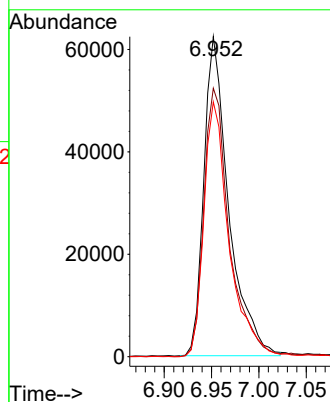
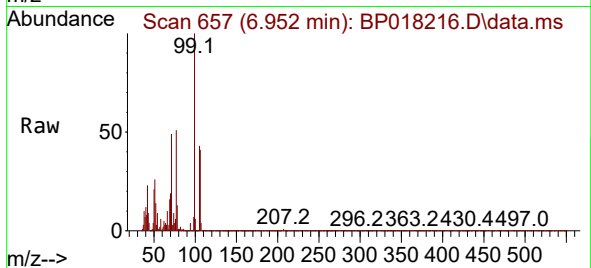




#6
Benzaldehyde
Concen: 49.533 ng/ul
RT: 6.952 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

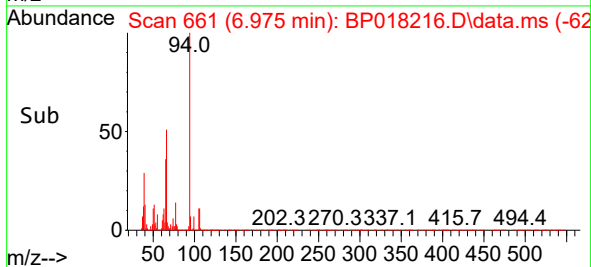
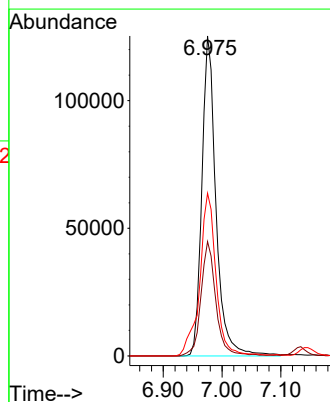
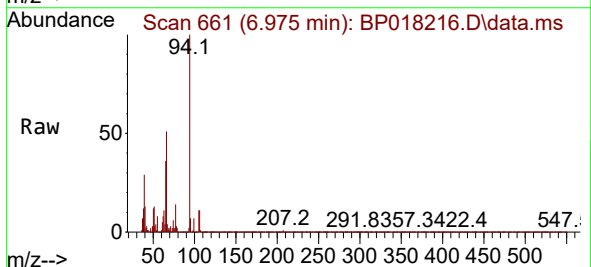
Instrument :
BNA_P
ClientSampleId :

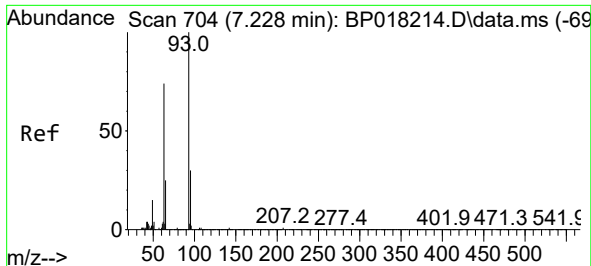
Tgt Ion: 77 Resp: 114048
Ion Ratio Lower Upper
77 100
105 83.9 72.7 109.1
106 79.6 67.5 101.3



#8
Phenol
Concen: 49.564 ng/ul
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion: 94 Resp: 209032
Ion Ratio Lower Upper
94 100
65 35.7 28.2 42.2
66 50.8 40.3 60.5

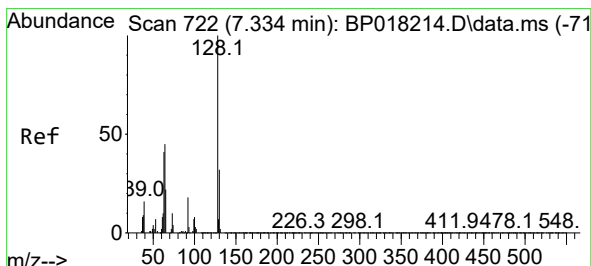
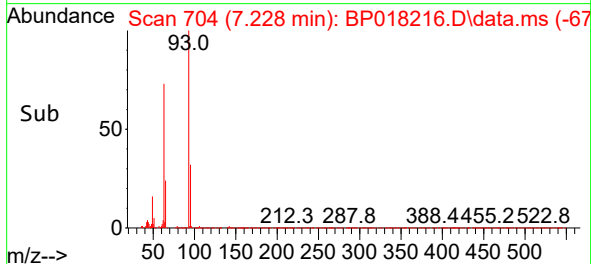
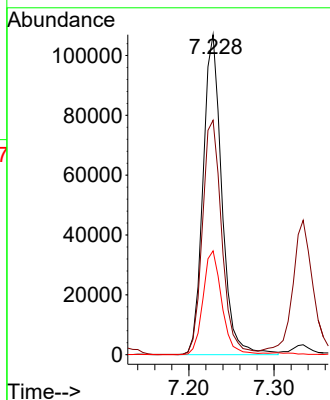
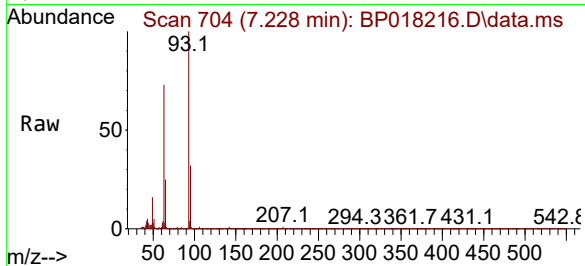




#10
Bis(2-Chloroethyl)ether
Concen: 50.166 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

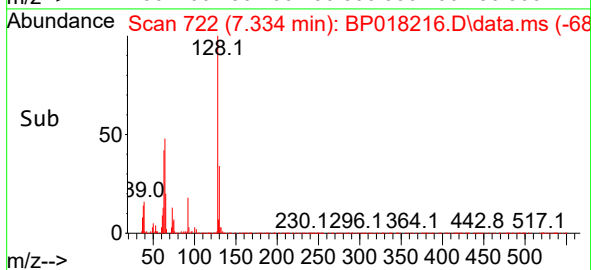
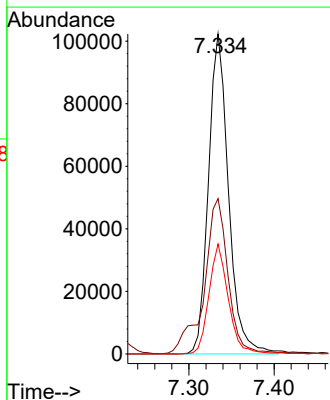
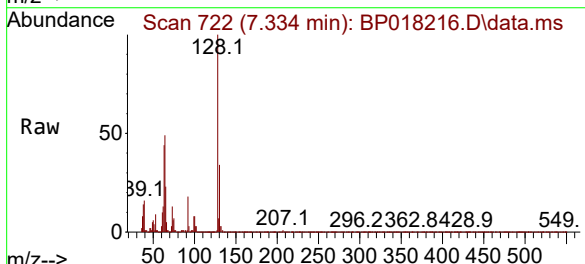
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BNA_P
ClientSampleId :

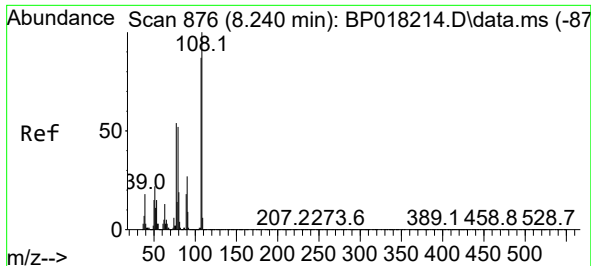
Tgt Ion: 93 Resp: 164138
Ion Ratio Lower Upper
93 100
63 73.3 57.8 86.6
95 32.5 25.5 38.3



#12
2-Chlorophenol
Concen: 49.255 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:128 Resp: 167426
Ion Ratio Lower Upper
128 100
64 48.6 39.2 58.8
130 34.3 26.6 40.0

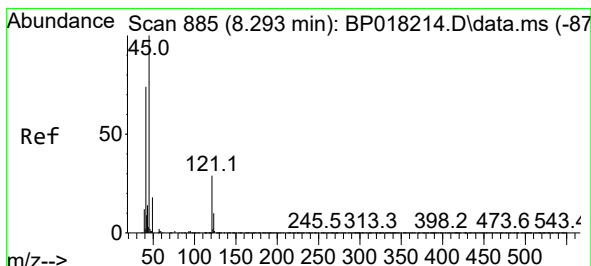
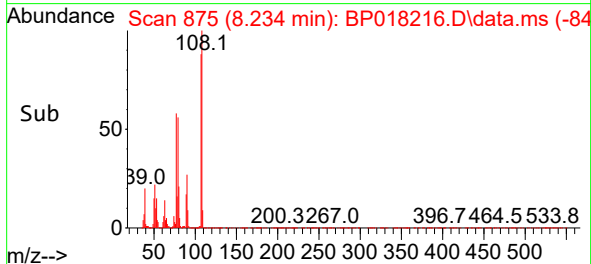
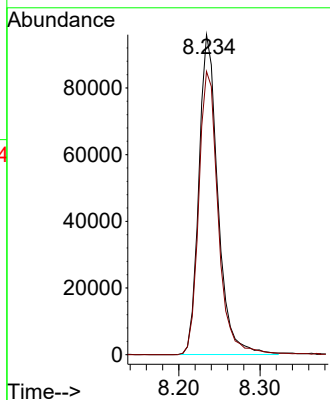
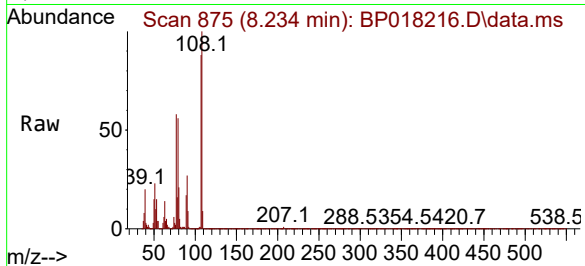




#13
2-Methylphenol
Concen: 48.991 ng/ul
RT: 8.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

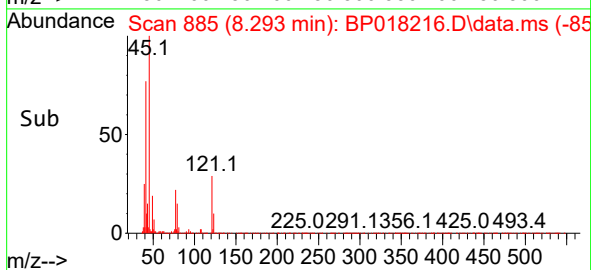
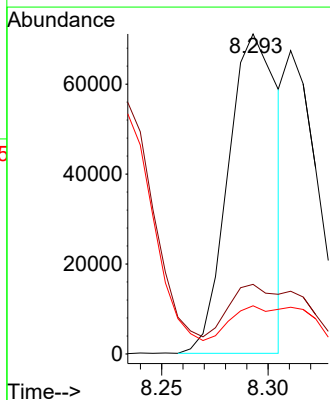
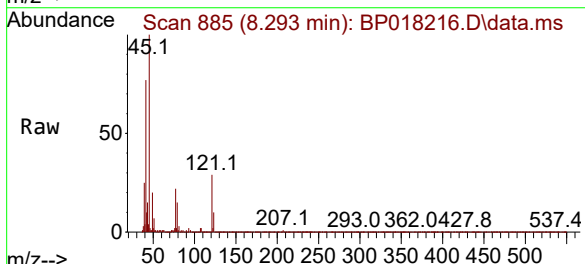
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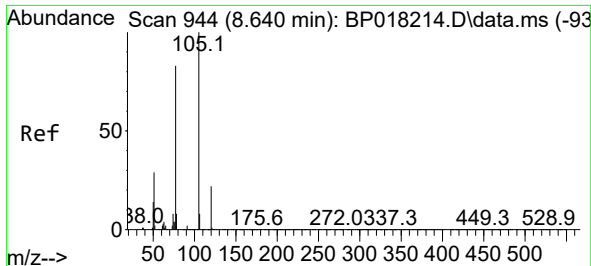
Tgt Ion:108 Resp: 156115
Ion Ratio Lower Upper
108 100
107 88.5 75.2 112.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.494 ng/ul
RT: 8.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion: 45 Resp: 113923
Ion Ratio Lower Upper
45 100
77 21.7 16.1 24.1
79 15.1 11.1 16.7

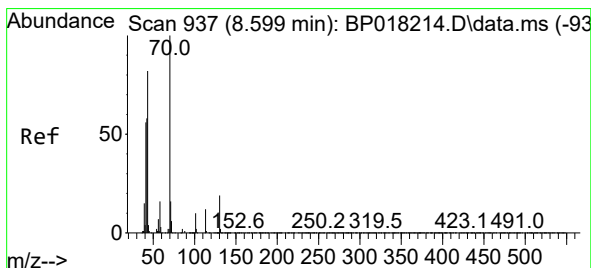
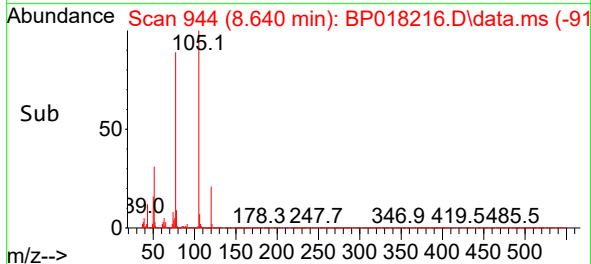
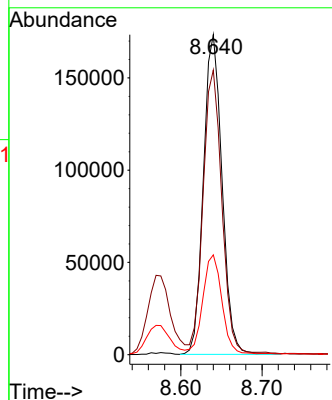
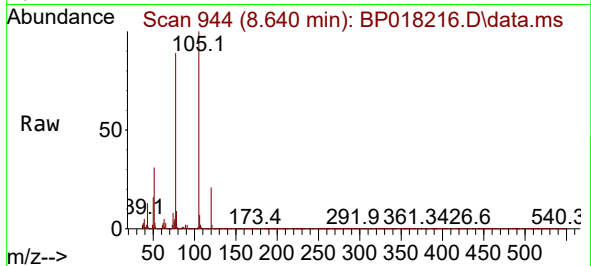




#16
Acetophenone
Concen: 49.583 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

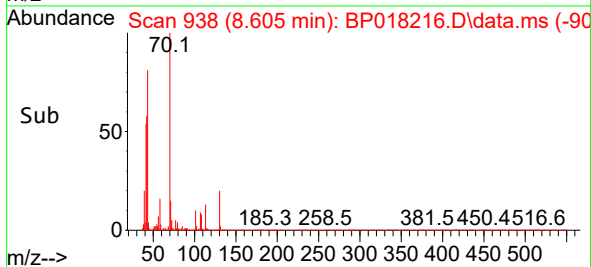
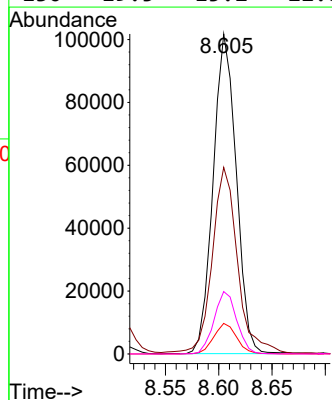
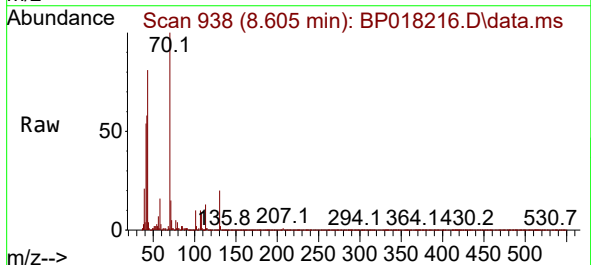
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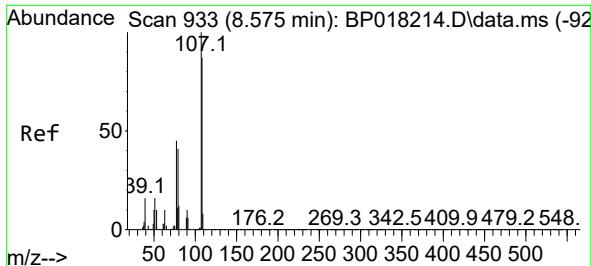
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Ion Ratio Lower Upper
105 100
77 89.0 70.1 105.1
51 31.2 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 50.334 ng/ul
RT: 8.605 min Scan# 938
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion: 70 Resp: 153028
Ion Ratio Lower Upper
70 100
42 58.3 43.7 65.5
101 9.6 8.2 12.4
130 19.5 15.2 22.8

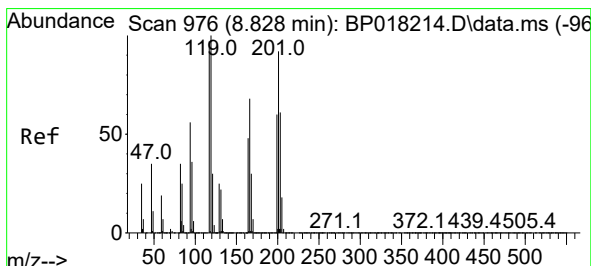
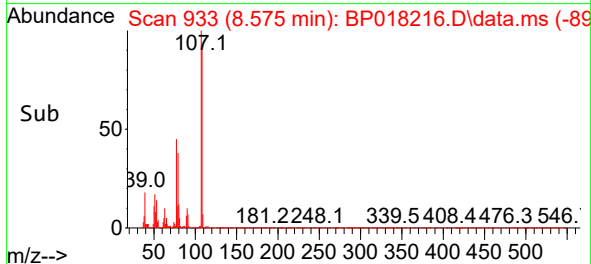
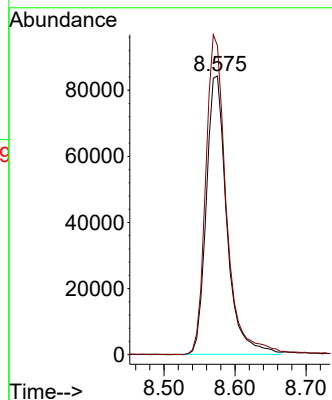
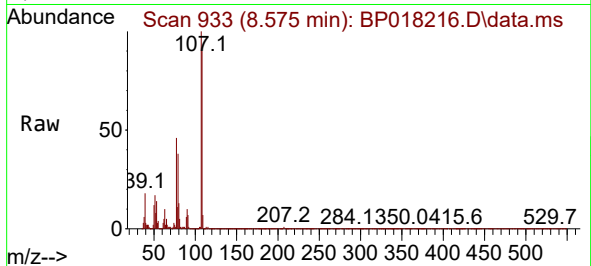




#18
4-Methylphenol
Concen: 48.841 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

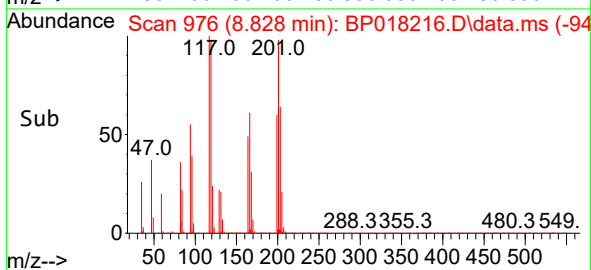
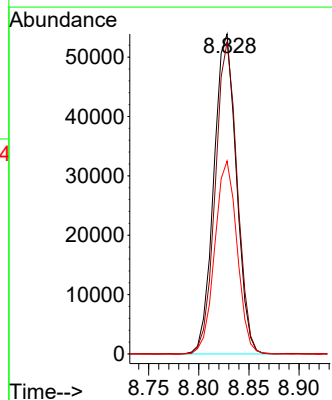
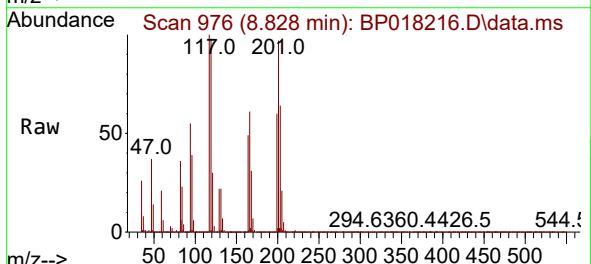
Instrument :
BNA_P
ClientSampleId :

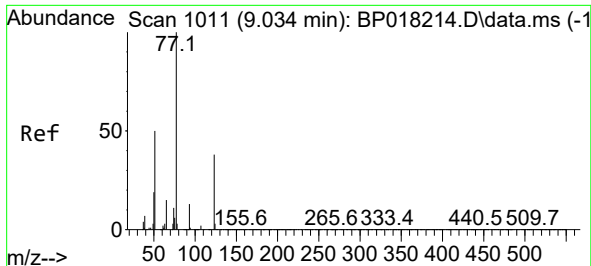
Tgt Ion:108 Resp: 169734
Ion Ratio Lower Upper
108 100
107 110.8 88.2 132.4



#19
Hexachloroethane
Concen: 51.880 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:117 Resp: 84375
Ion Ratio Lower Upper
117 100
201 97.5 84.8 127.2
199 60.3 49.0 73.4

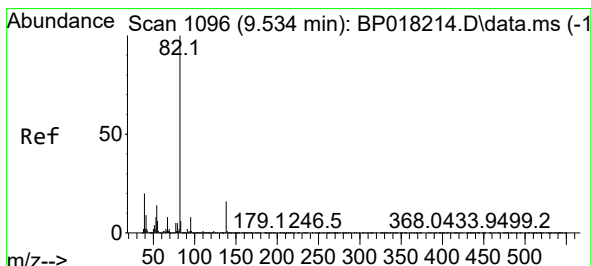
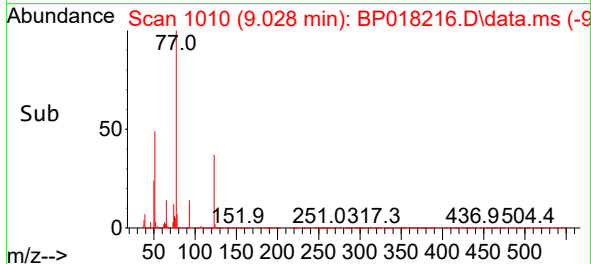
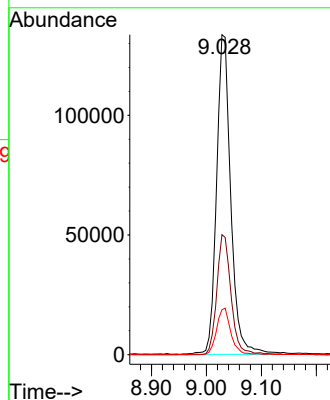
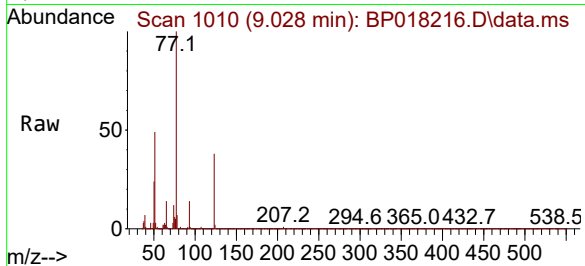




#22
Nitrobenzene
Concen: 51.930 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

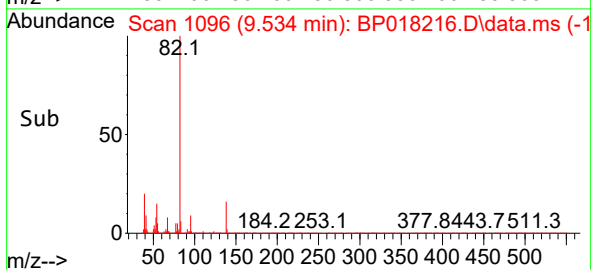
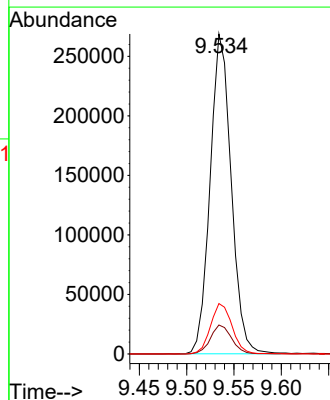
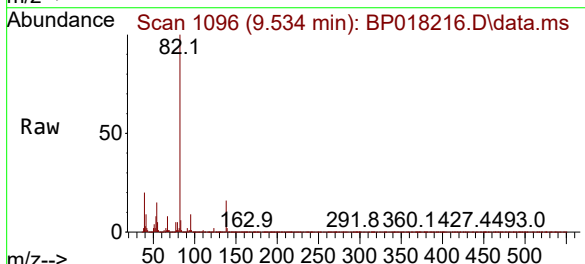
Instrument :
BNA_P
ClientSampleId :

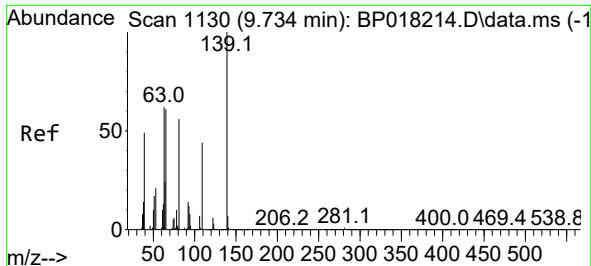
Tgt Ion: 77 Resp: 240169
Ion Ratio Lower Upper
77 100
123 37.5 27.8 41.8
65 14.1 11.5 17.3



#23
Isophorone
Concen: 49.360 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion: 82 Resp: 416562
Ion Ratio Lower Upper
82 100
95 9.1 6.6 9.8
138 15.8 13.1 19.7

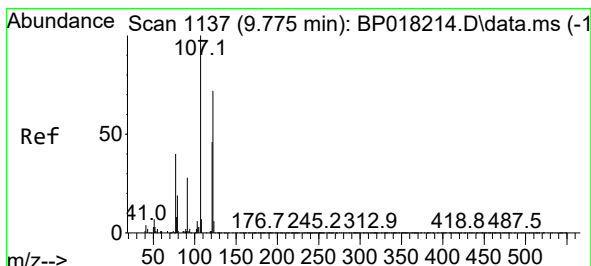
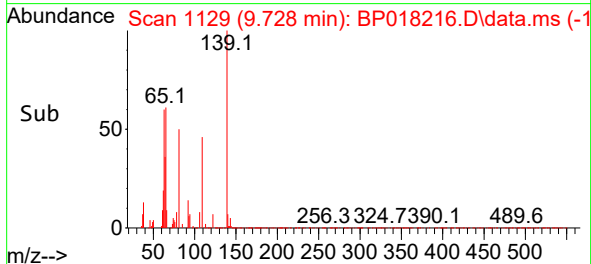
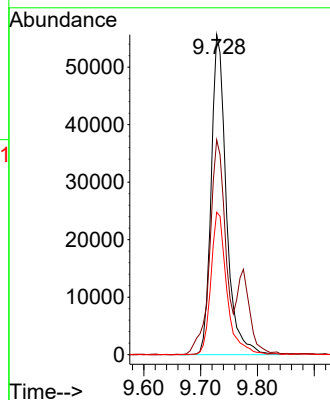
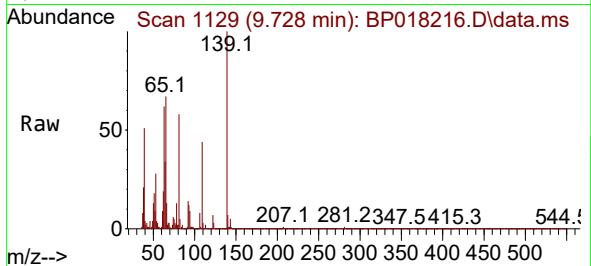




#25
2-Nitrophenol
Concen: 51.350 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

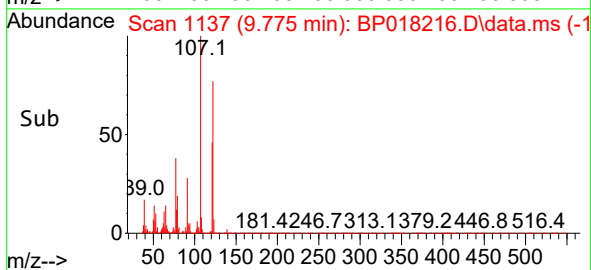
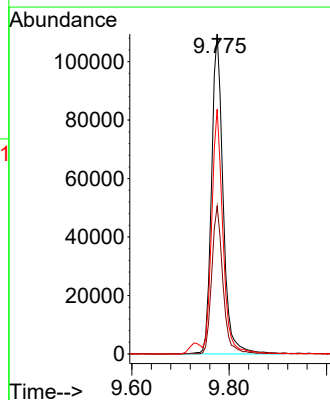
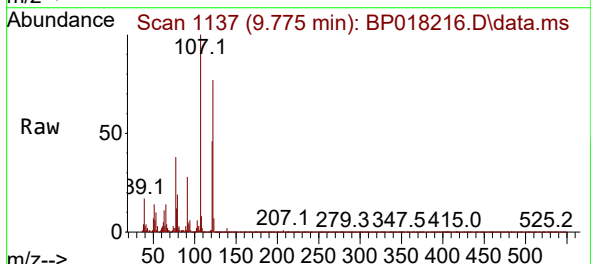
Instrument :
BNA_P
ClientSampleId :

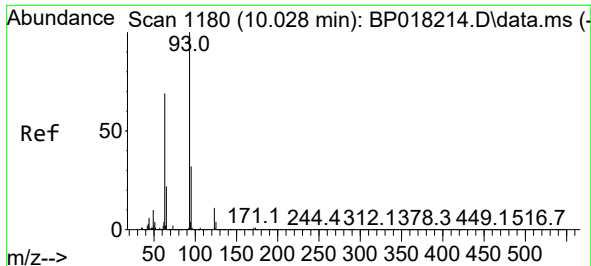
Tgt Ion:139 Resp: 102393
Ion Ratio Lower Upper
139 100
65 67.2 51.4 77.0
109 44.5 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 42.328 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:107 Resp: 179543
Ion Ratio Lower Upper
107 100
121 46.2 37.8 56.8
122 76.5 62.1 93.1

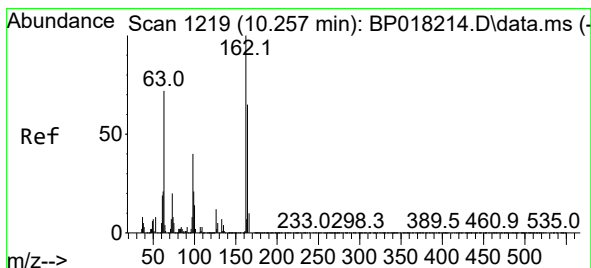
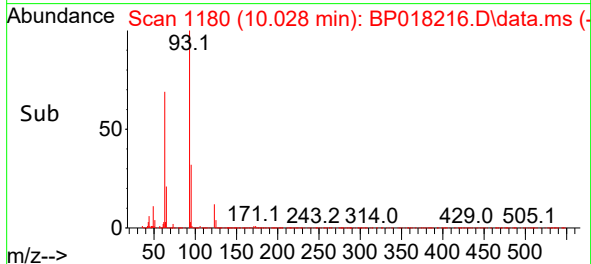
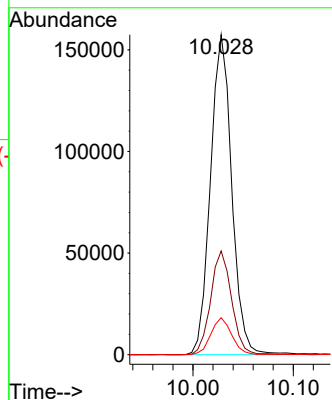
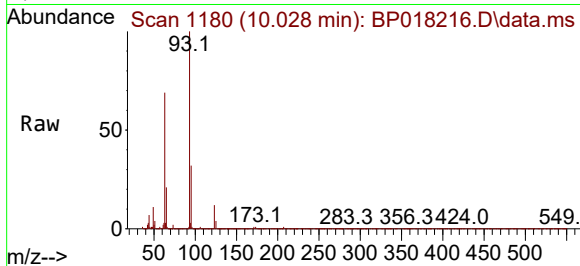




#27
 Bis(2-Chloroethoxy)methane
 Concen: 50.414 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BP018216.D
 Acq: 17 Nov 2023 10:23

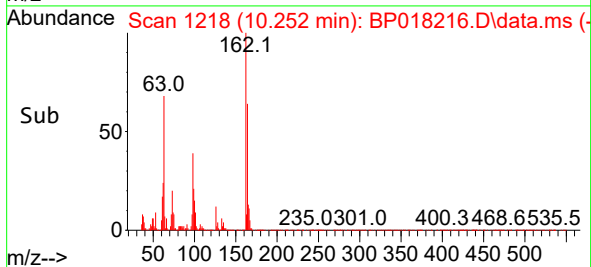
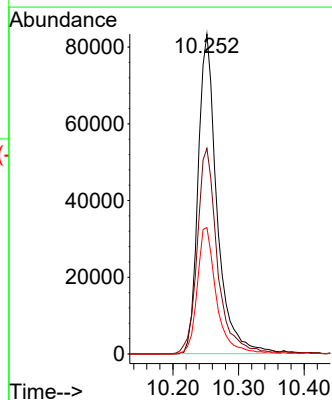
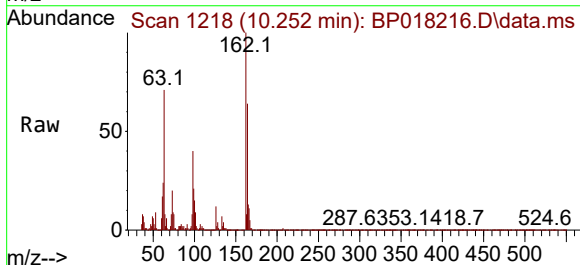
Instrument :
 BNA_P
 ClientSampleId :

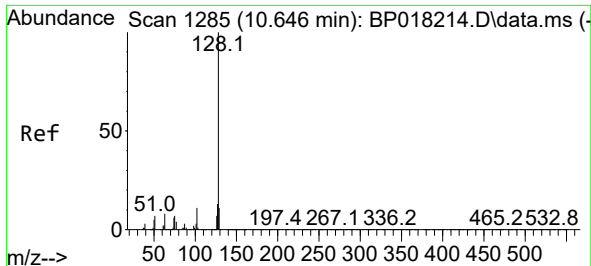
Tgt Ion: 93 Resp: 232007
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.2 39.2
 123 11.6 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 50.712 ng/ul
 RT: 10.252 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BP018216.D
 Acq: 17 Nov 2023 10:23

Tgt Ion: 162 Resp: 167481
 Ion Ratio Lower Upper
 162 100
 164 64.2 51.8 77.6
 98 39.5 28.7 43.1

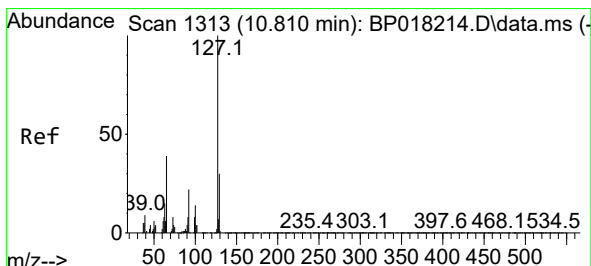
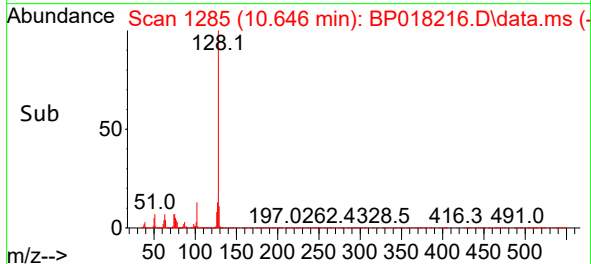
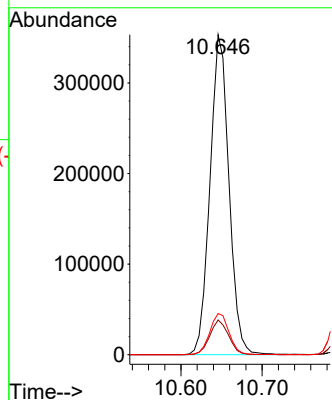
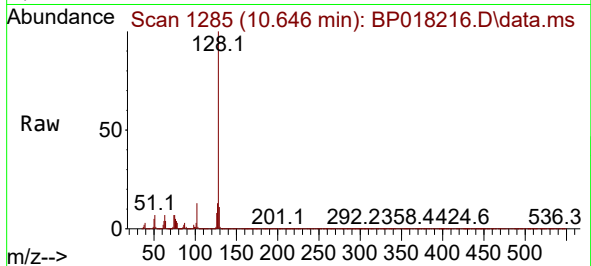




#30
Naphthalene
Concen: 49.575 ng/ul
RT: 10.646 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

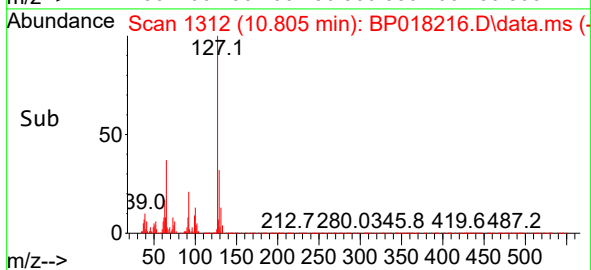
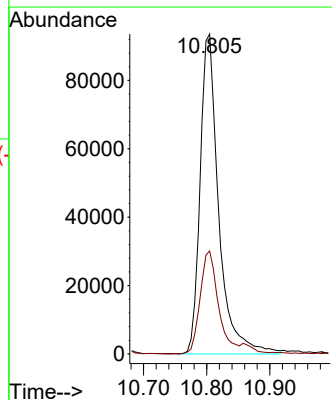
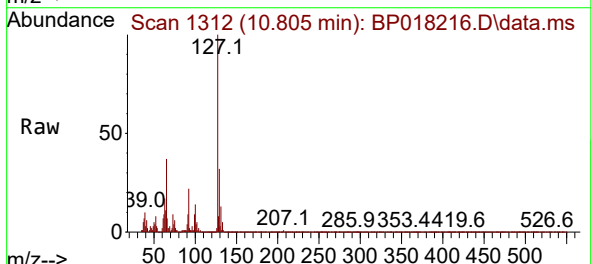
Instrument :
BNA_P
ClientSampleId :

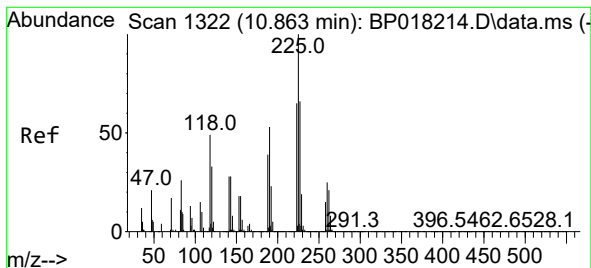
Tgt Ion:128 Resp: 573163
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.8 10.3 15.5



#32
4-Chloroaniline
Concen: 42.092 ng/ul
RT: 10.805 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:127 Resp: 191222
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1





#33

Hexachlorobutadiene

Concen: 51.895 ng/ul

RT: 10.863 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

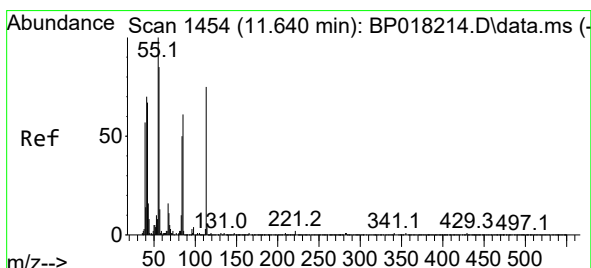
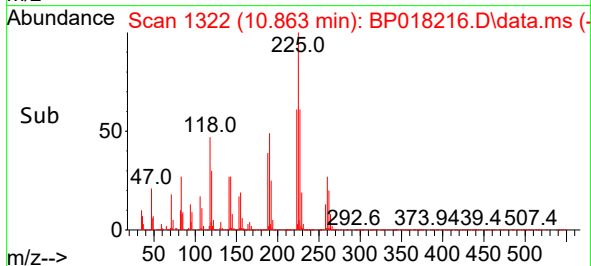
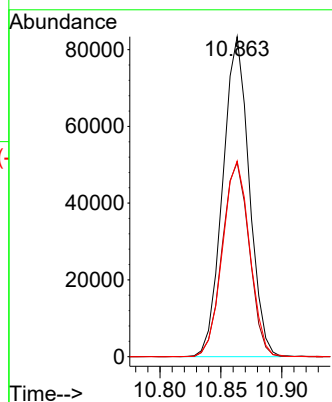
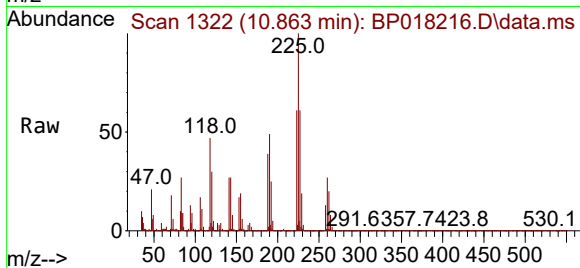
Tgt Ion:225 Resp: 125818

Ion Ratio Lower Upper

225 100

223 60.7 52.5 78.7

227 61.1 51.9 77.9



#34

Caprolactam

Concen: 23.673 ng/ul

RT: 11.634 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

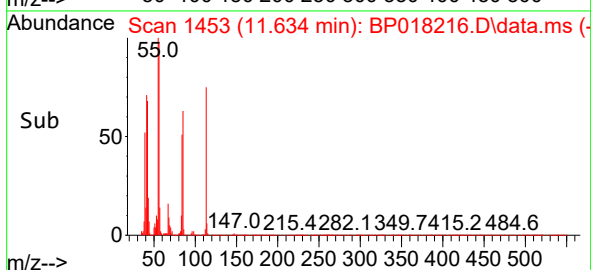
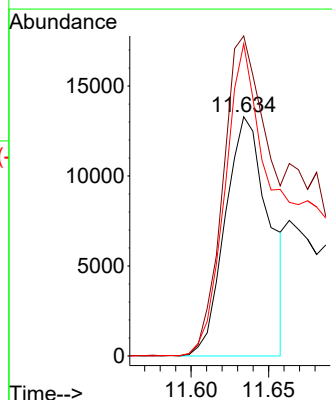
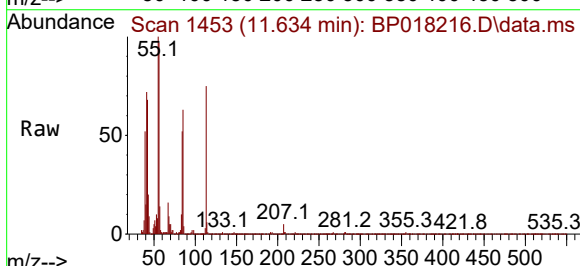
Tgt Ion:113 Resp: 25972

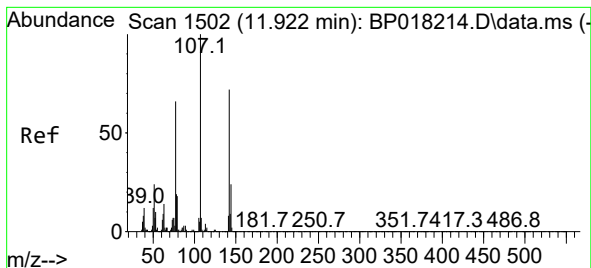
Ion Ratio Lower Upper

113 100

55 133.8 118.3 177.5

56 130.4 95.6 143.4

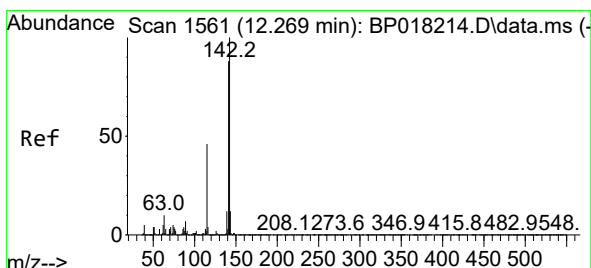
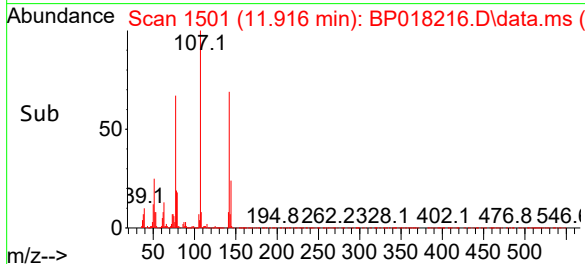
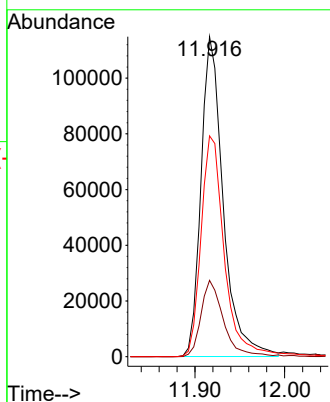
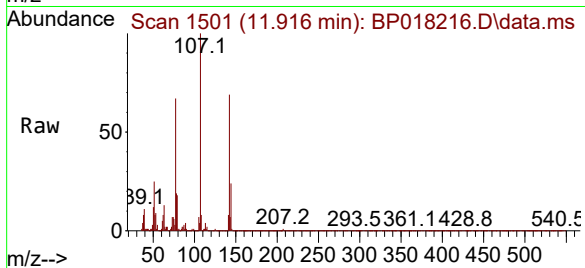




#35
4-Chloro-3-methylphenol
Concen: 49.802 ng/ul
RT: 11.916 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

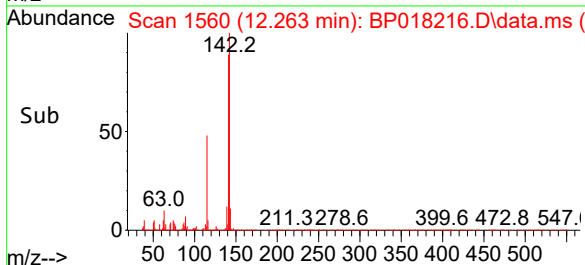
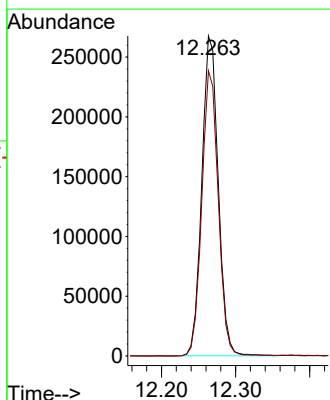
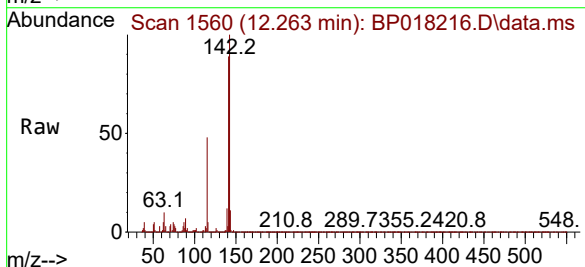
Instrument :
BNA_P
ClientSampleId :

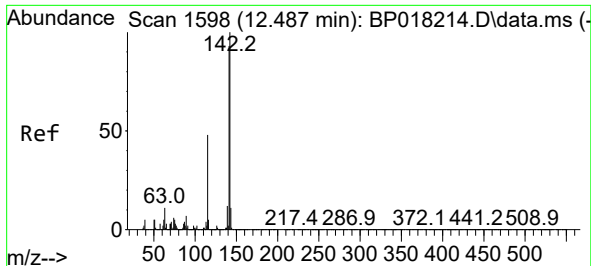
Tgt Ion:107 Resp: 197876
Ion Ratio Lower Upper
107 100
144 23.9 19.1 28.7
142 69.0 54.8 82.2



#36
2-Methylnaphthalene
Concen: 51.940 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:142 Resp: 412272
Ion Ratio Lower Upper
142 100
141 89.1 71.7 107.5





#37

1-Methylnaphthalene

Concen: 50.113 ng/ul

RT: 12.487 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

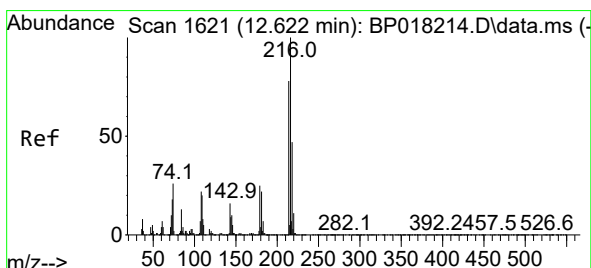
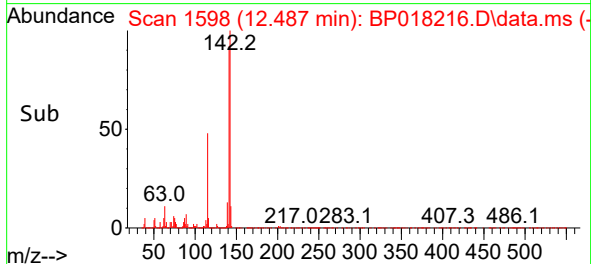
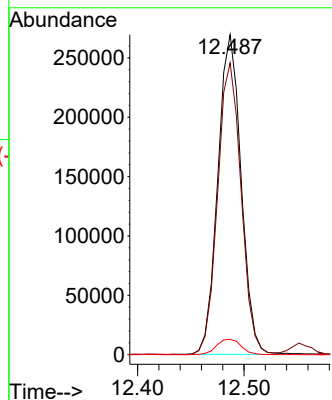
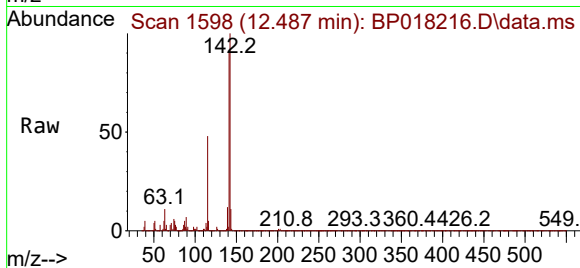
Tgt Ion:142 Resp: 408747

Ion Ratio Lower Upper

142 100

141 91.2 72.8 109.2

116 4.8 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.603 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Tgt Ion:216 Resp: 217787

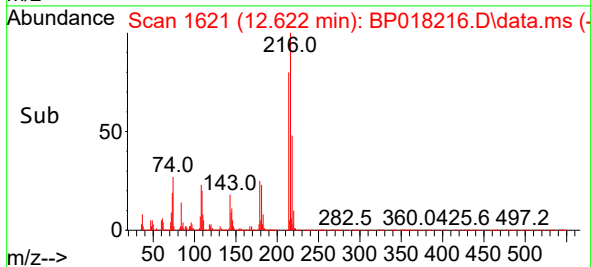
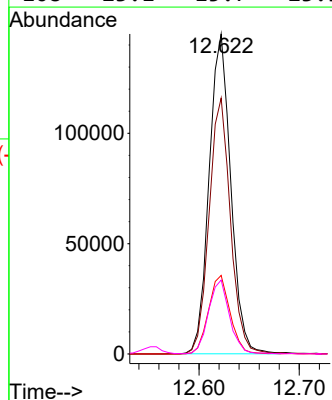
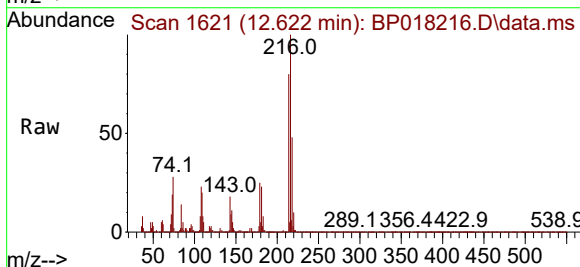
Ion Ratio Lower Upper

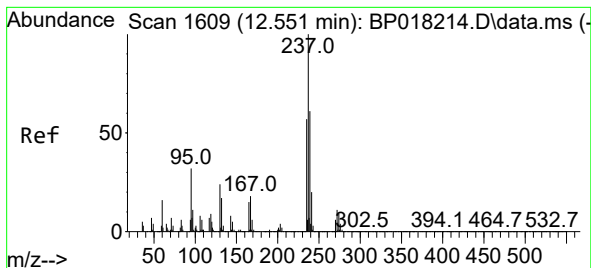
216 100

214 79.9 64.8 97.2

179 24.5 18.3 27.5

108 23.1 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 39.452 ng/ul

RT: 12.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018216.D

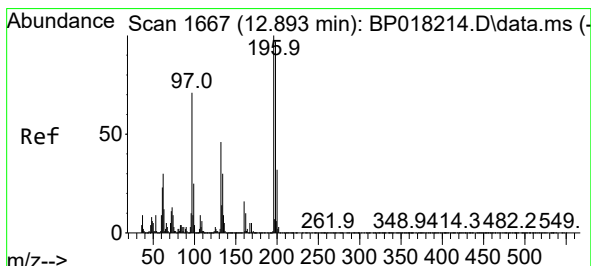
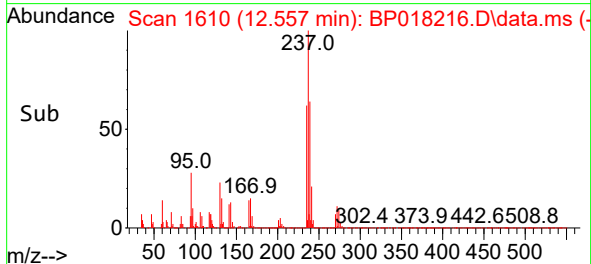
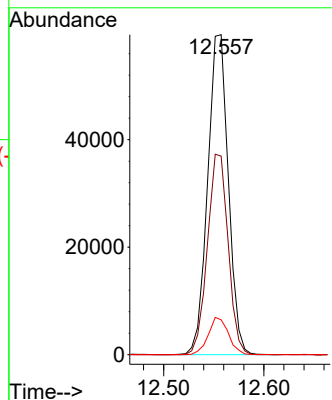
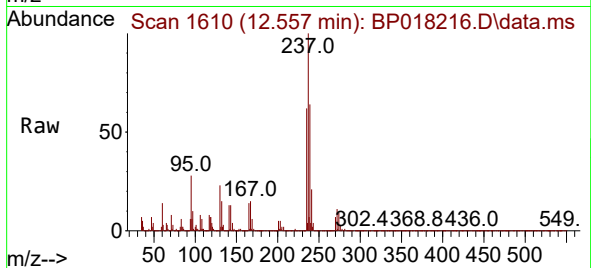
Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:237	Resp:	85331
Ion Ratio	Lower	Upper
237	100	
235	62.0	49.9 74.9
272	10.9	8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 48.258 ng/ul

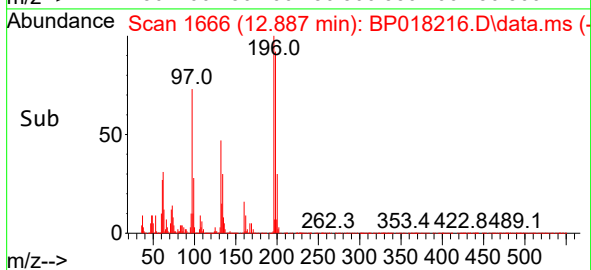
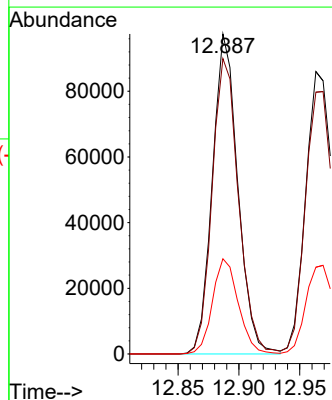
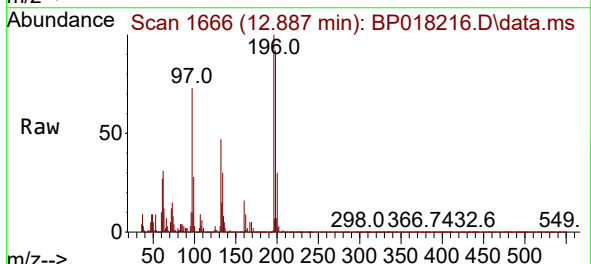
RT: 12.887 min Scan# 1666

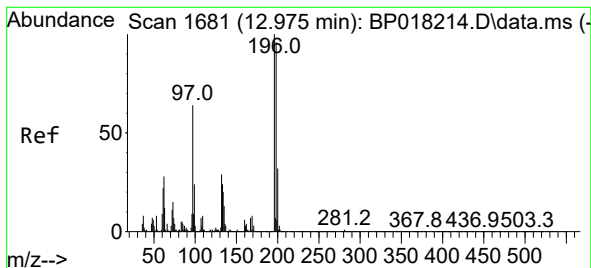
Delta R.T. -0.012 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Tgt Ion:196	Resp:	141853
Ion Ratio	Lower	Upper
196	100	
198	92.3	78.9 118.3
200	29.8	25.8 38.8





#42

2,4,5-Trichlorophenol

Concen: 48.316 ng/ul

RT: 12.963 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

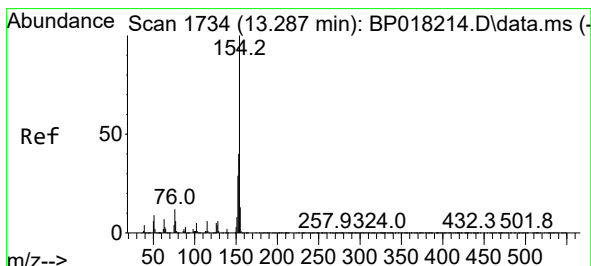
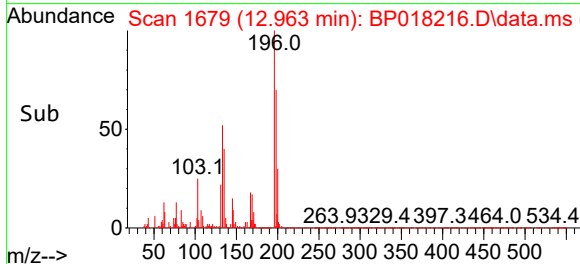
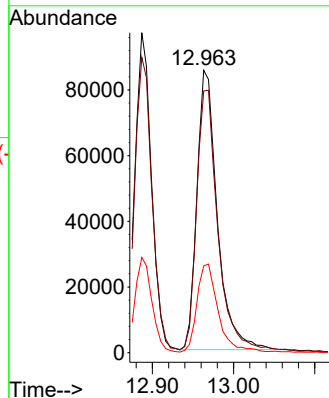
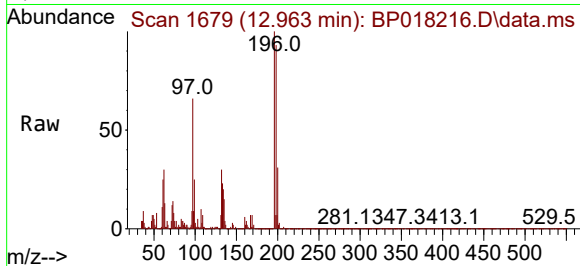
Tgt Ion:196 Resp: 149469

Ion Ratio Lower Upper

196 100

198 92.7 78.9 118.3

200 30.7 26.6 40.0



#43

1,1'-Biphenyl

Concen: 49.876 ng/ul

RT: 13.287 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

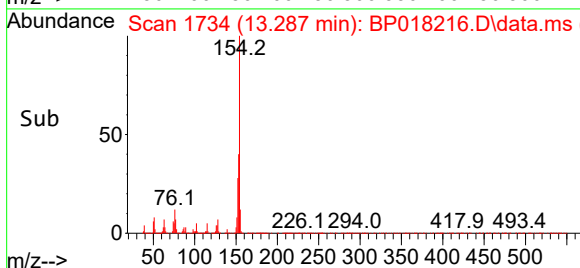
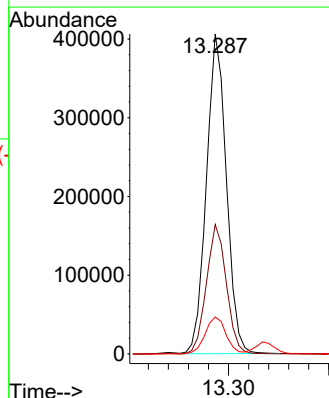
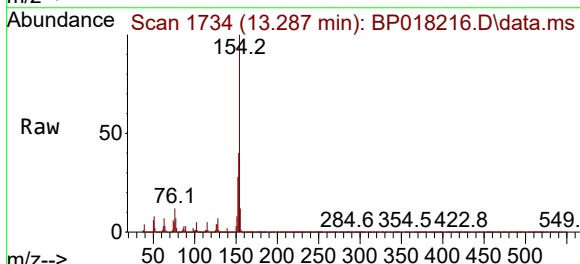
Tgt Ion:154 Resp: 562555

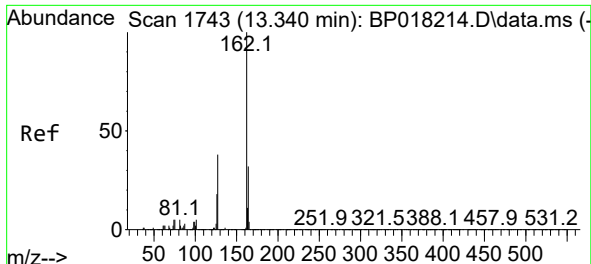
Ion Ratio Lower Upper

154 100

153 40.4 32.4 48.6

76 11.6 9.8 14.8

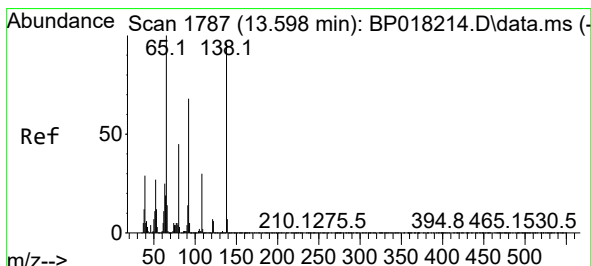
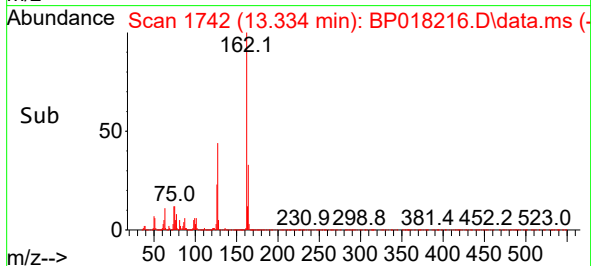
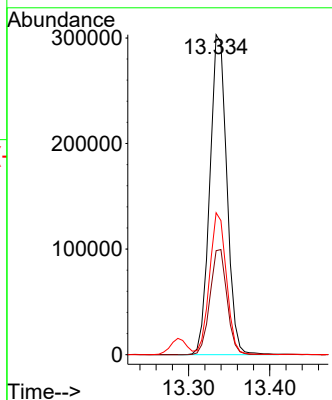
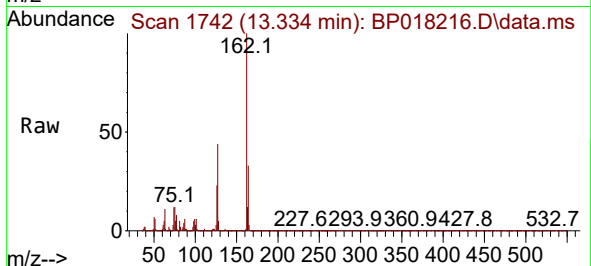




#44
2-Chloronaphthalene
Concen: 49.232 ng/ul
RT: 13.334 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

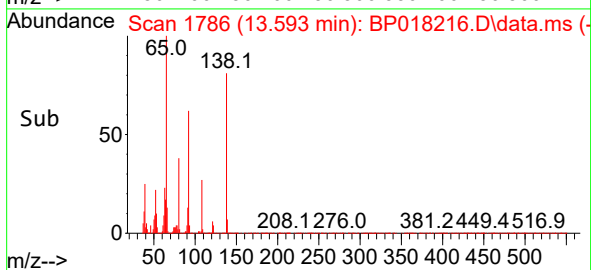
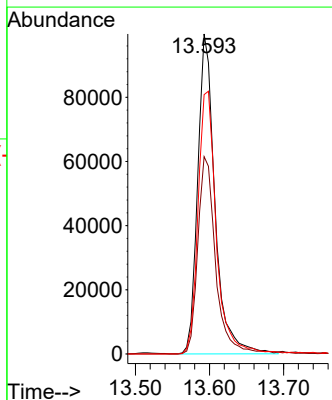
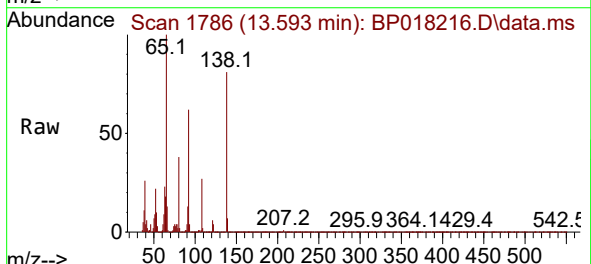
Instrument :
BNA_P
ClientSampleId :

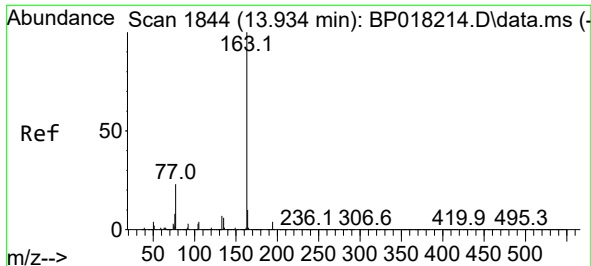
Tgt Ion:162 Resp: 440862
Ion Ratio Lower Upper
162 100
164 32.5 26.9 40.3
127 44.4 35.4 53.2



#45
2-Nitroaniline
Concen: 55.998 ng/ul
RT: 13.593 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion: 65 Resp: 161816
Ion Ratio Lower Upper
65 100
92 61.6 53.8 80.6
138 81.1 75.1 112.7

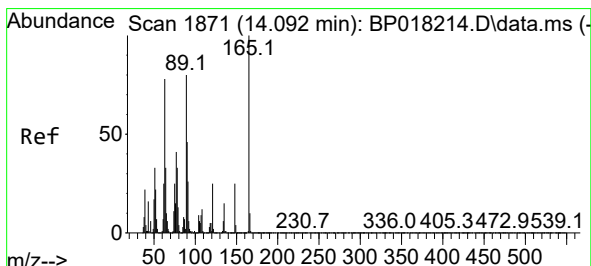
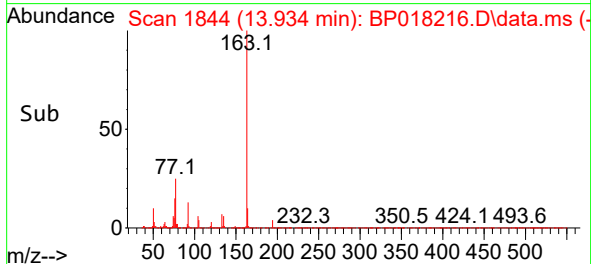
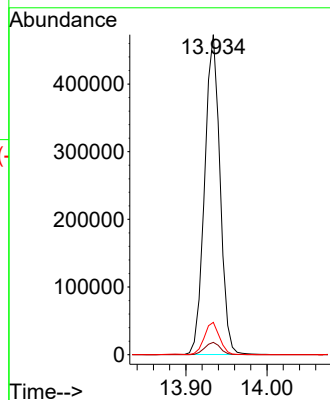
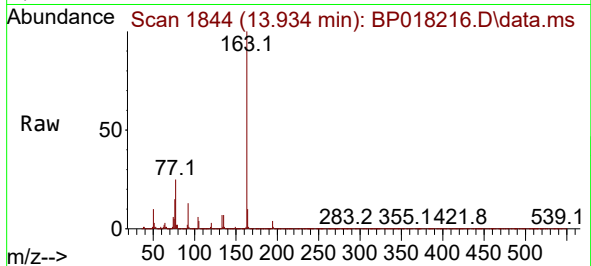




#47
Dimethylphthalate
Concen: 51.695 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

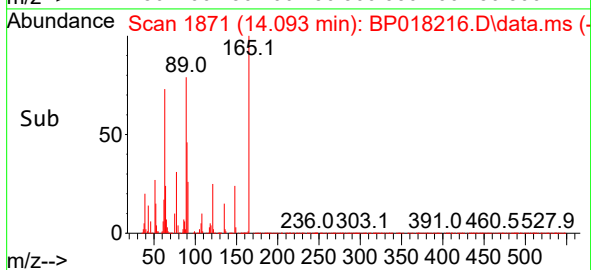
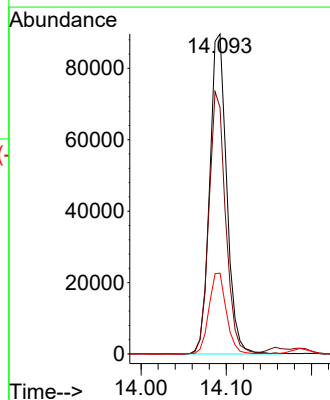
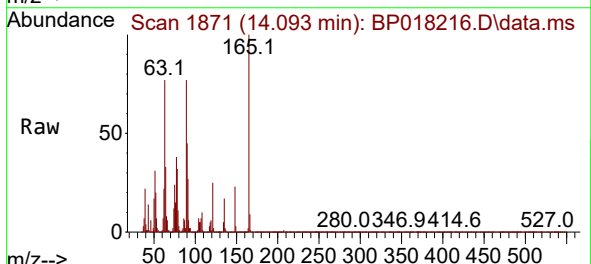
Instrument :
BNA_P
ClientSampleId :

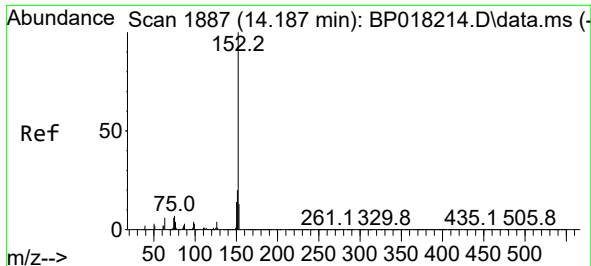
Tgt Ion:163 Resp: 620625
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 51.989 ng/ul
RT: 14.093 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:165 Resp: 124057
Ion Ratio Lower Upper
165 100
89 77.0 59.4 89.0
121 25.2 18.2 27.4

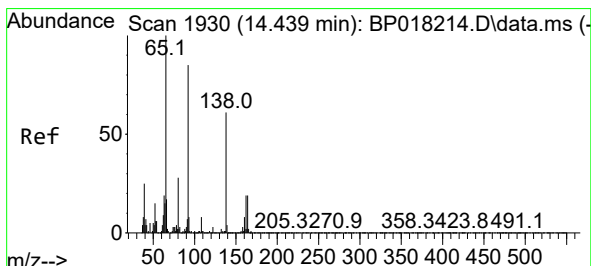
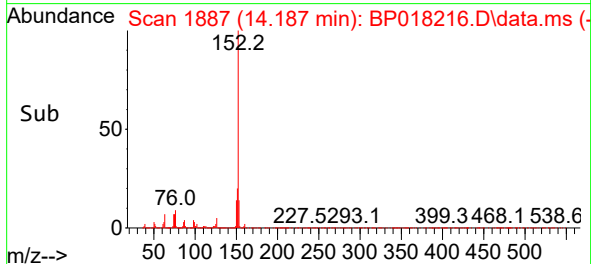
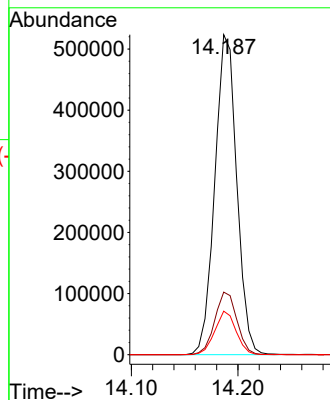
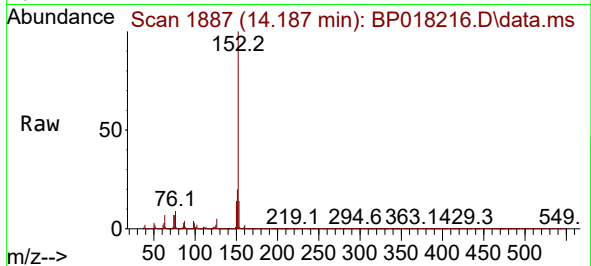




#50
Acenaphthylene
Concen: 49.684 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

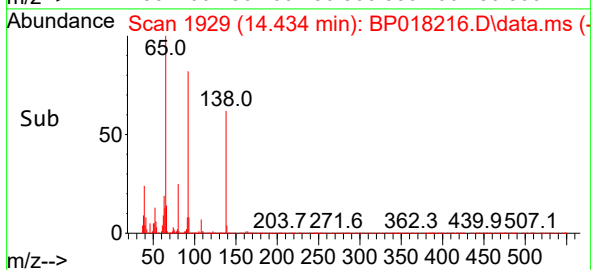
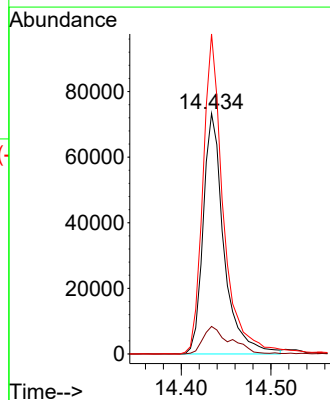
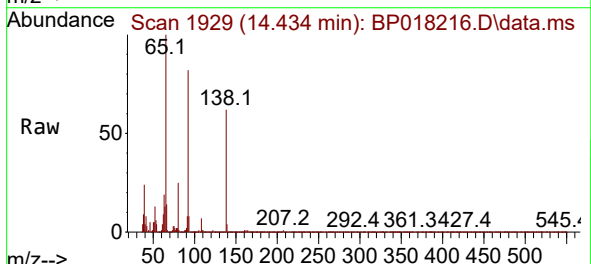
Instrument :
BNA_P
ClientSampleId :

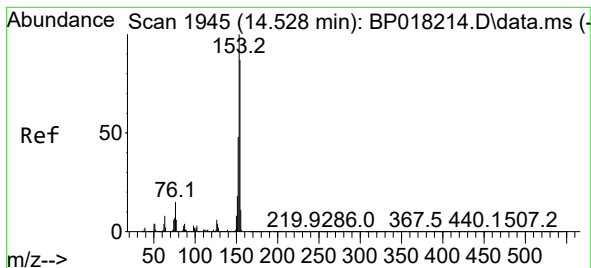
Tgt Ion:152 Resp: 747736
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.6 10.4 15.6



#51
3-Nitroaniline
Concen: 52.954 ng/ul
RT: 14.434 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:138 Resp: 117254
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 133.0 99.0 148.4





#52

Acenaphthene

Concen: 50.583 ng/ul

RT: 14.528 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

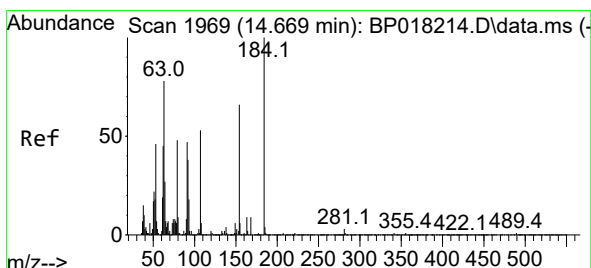
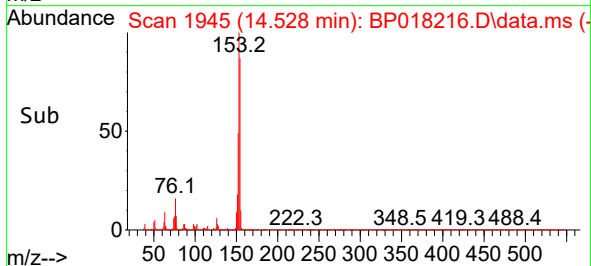
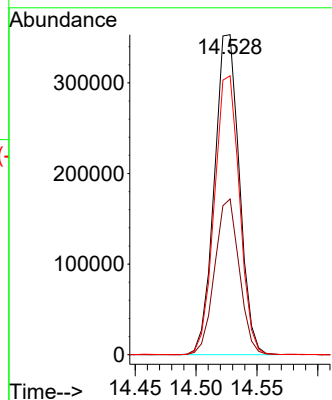
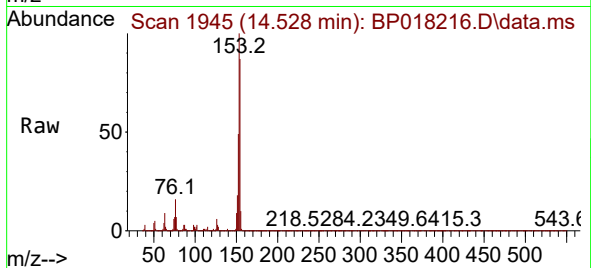
Tgt Ion:153 Resp: 504791

Ion Ratio Lower Upper

153 100

152 48.7 39.0 58.6

154 87.2 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 36.902 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. -0.023 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

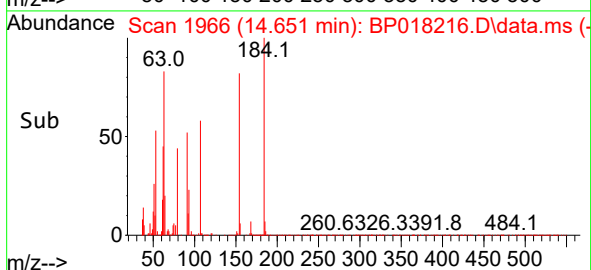
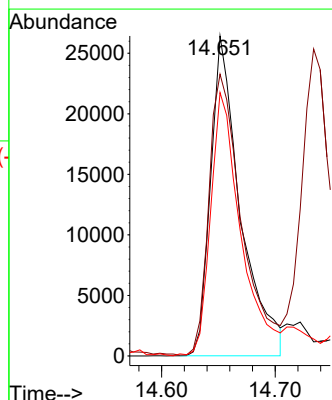
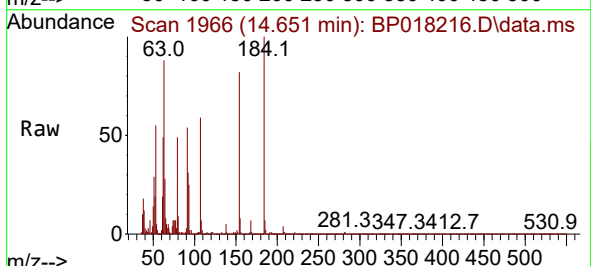
Tgt Ion:184 Resp: 48038

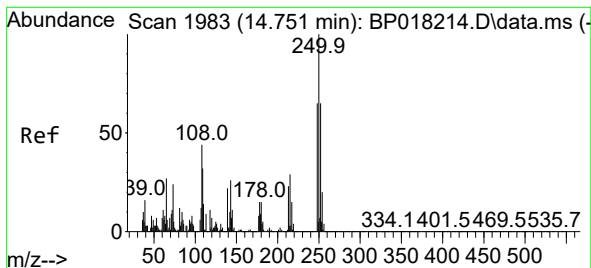
Ion Ratio Lower Upper

184 100

63 88.0 67.7 101.5

154 82.3 60.2 90.4

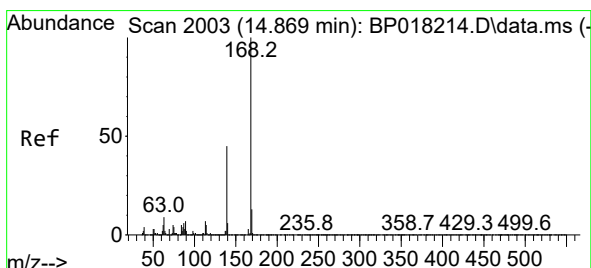
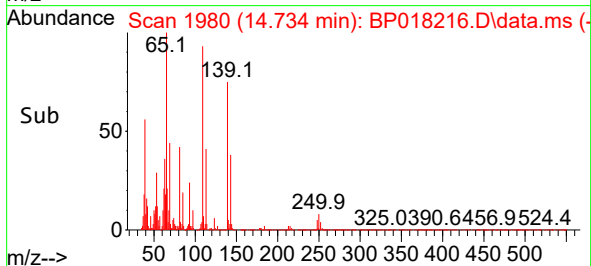
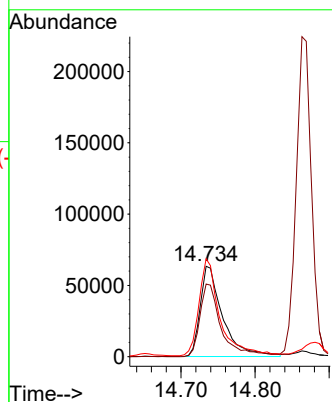
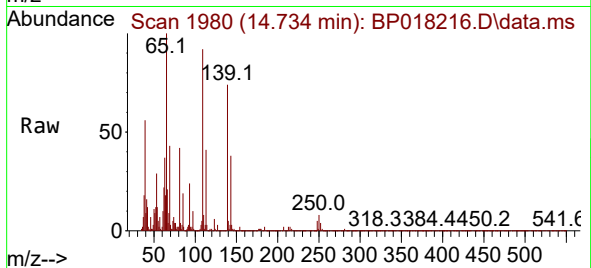




#55
4-Nitrophenol
Concen: 55.014 ng/ul
RT: 14.734 min Scan# 1983
Delta R.T. -0.017 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

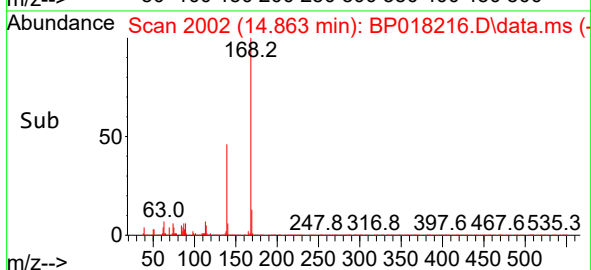
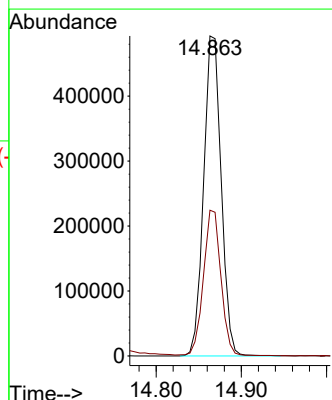
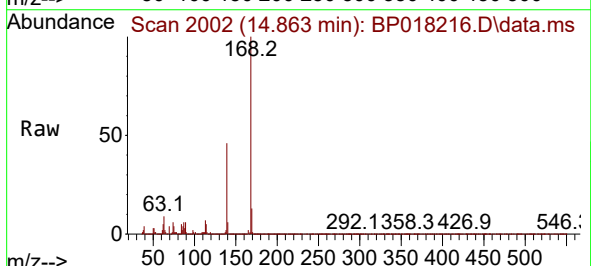
Instrument :
BNA_P
ClientSampleId :

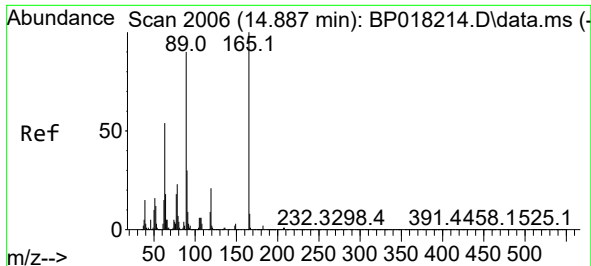
Tgt Ion:109 Resp: 133551
Ion Ratio Lower Upper
109 100
139 80.4 74.9 112.3
65 108.3 93.8 140.6



#56
Dibenzofuran
Concen: 51.482 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:168 Resp: 704061
Ion Ratio Lower Upper
168 100
139 45.6 34.0 51.0

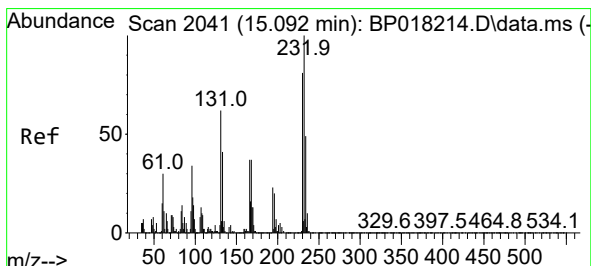
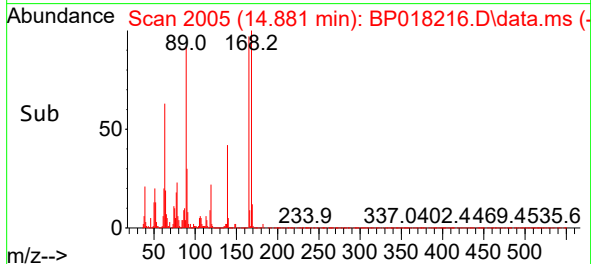
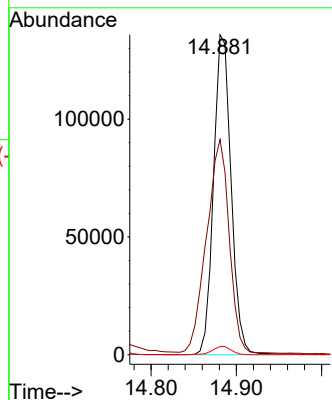
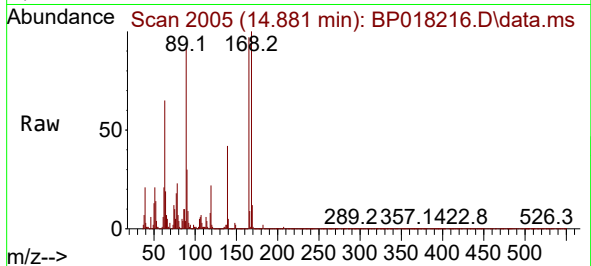




#57
2,4-Dinitrotoluene
Concen: 54.467 ng/ul
RT: 14.881 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

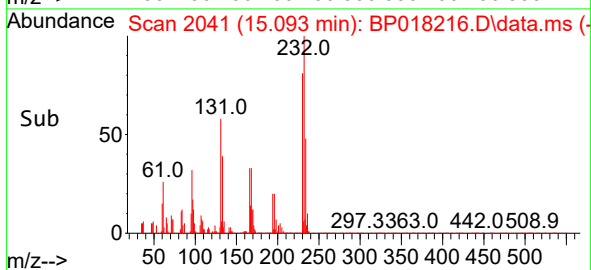
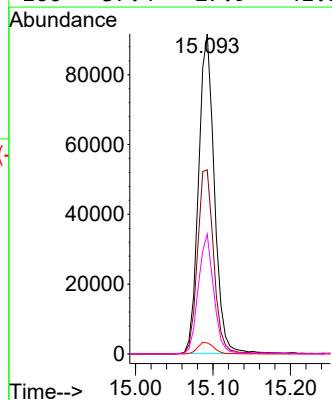
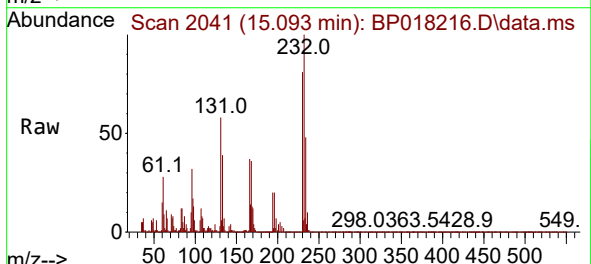
Instrument :
BNA_P
ClientSampleId :

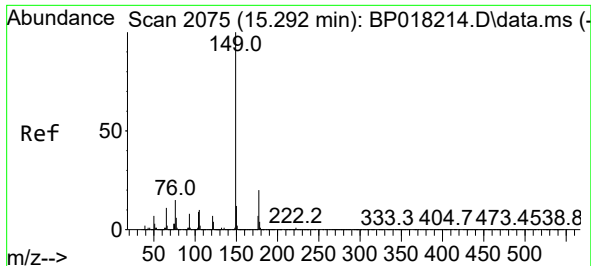
Tgt Ion:165 Resp: 194185
Ion Ratio Lower Upper
165 100
63 67.3 48.6 72.8
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 47.152 ng/ul
RT: 15.093 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:232 Resp: 129762
Ion Ratio Lower Upper
232 100
131 57.5 44.1 66.1
130 3.4 2.5 3.7
166 37.4 27.9 41.9

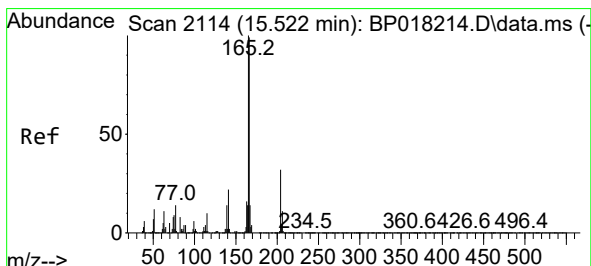
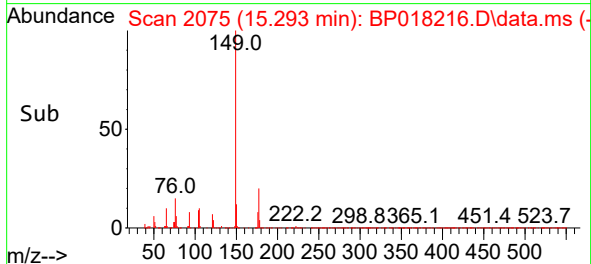
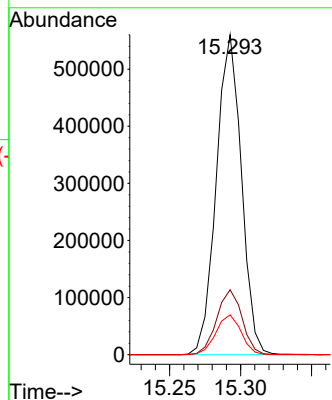
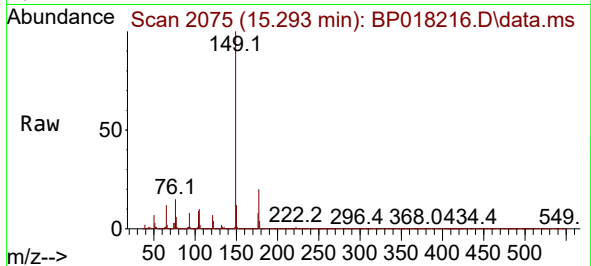




#59
Diethylphthalate
Concen: 54.782 ng/ul
RT: 15.293 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

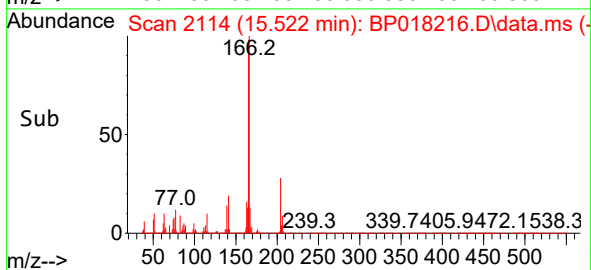
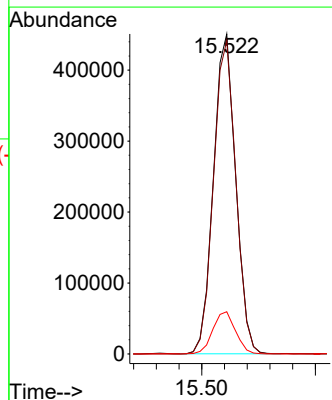
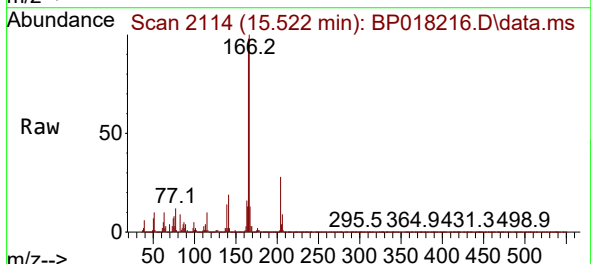
Instrument :
BNA_P
ClientSampleId :

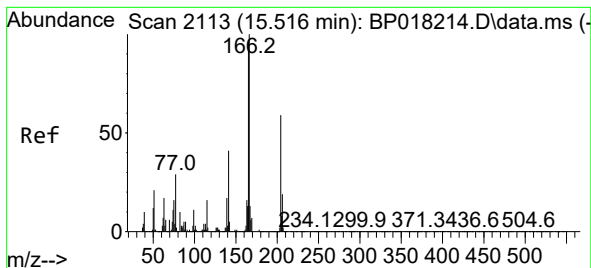
Tgt Ion:149 Resp: 687108
Ion Ratio Lower Upper
149 100
177 20.3 16.3 24.5
150 12.5 10.0 15.0



#61
Fluorene
Concen: 52.800 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:166 Resp: 613047
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 13.2 10.6 16.0

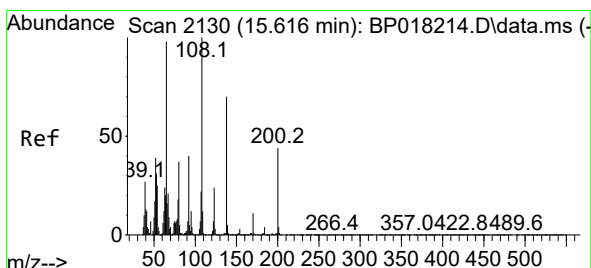
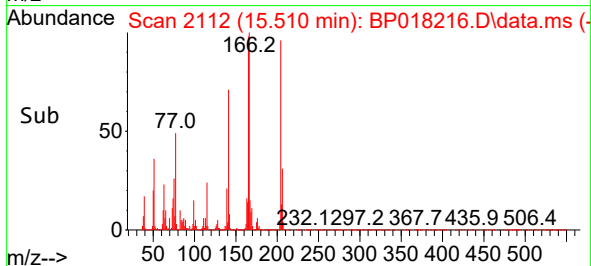
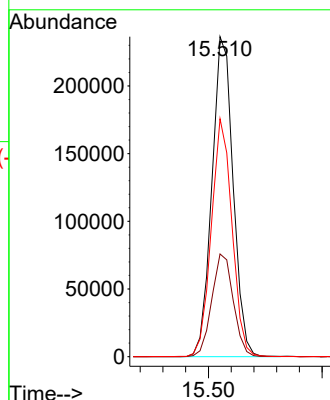
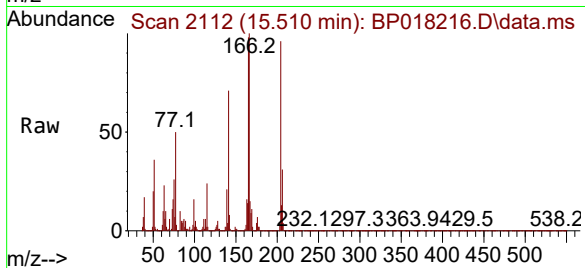




#62
4-Chlorophenyl-phenylether
Concen: 53.829 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

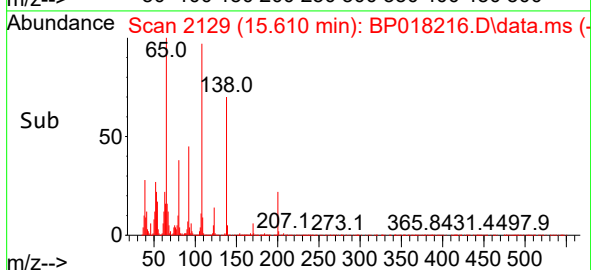
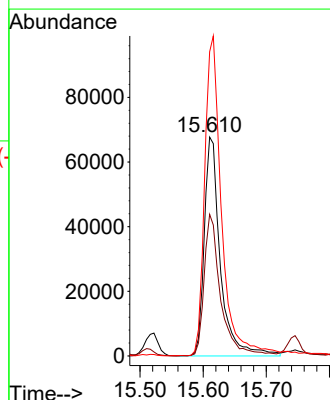
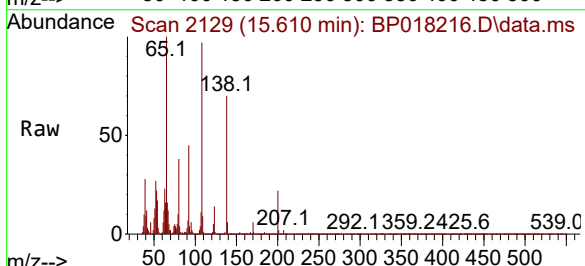
Instrument :
BNA_P
ClientSampleId :

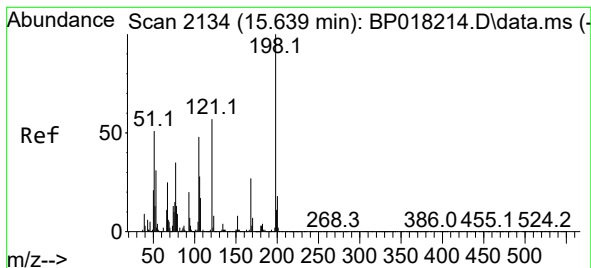
Tgt Ion:204 Resp: 306274
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 74.3 56.0 84.0



#63
4-Nitroaniline
Concen: 57.729 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:138 Resp: 120625
Ion Ratio Lower Upper
138 100
92 64.7 46.6 70.0
108 139.0 104.7 157.1

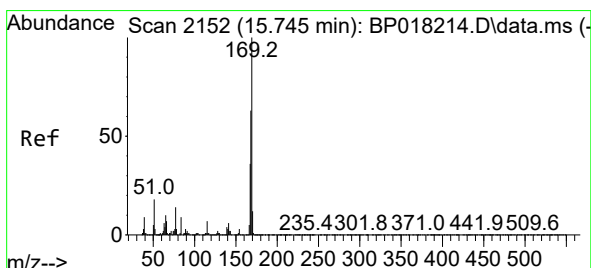
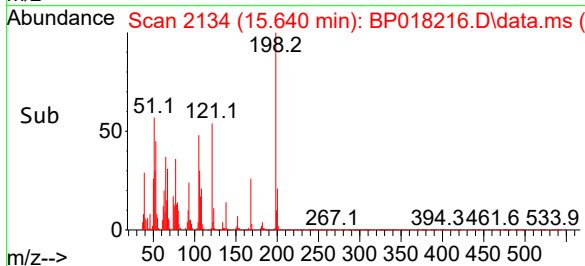
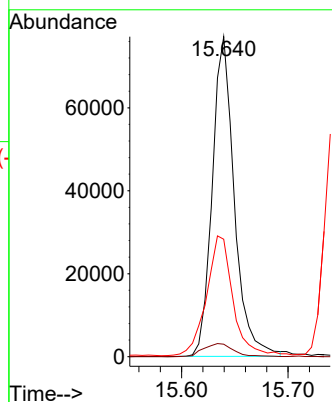
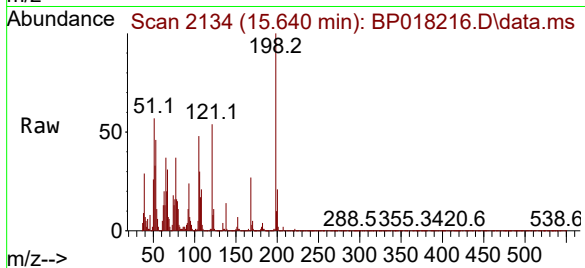




#66
 4,6-Dinitro-2-methylphenol
 Concen: 47.898 ng/ul
 RT: 15.640 min Scan# 2134
 Delta R.T. -0.006 min
 Lab File: BP018216.D
 Acq: 17 Nov 2023 10:23

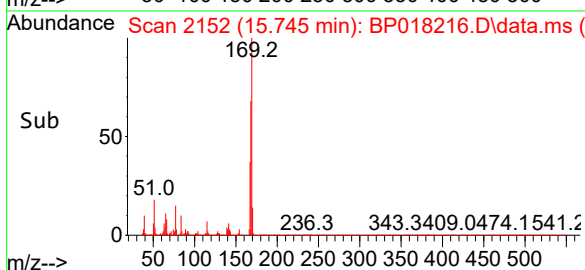
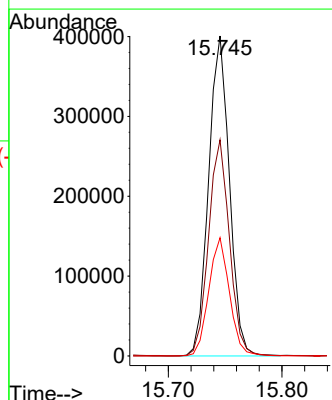
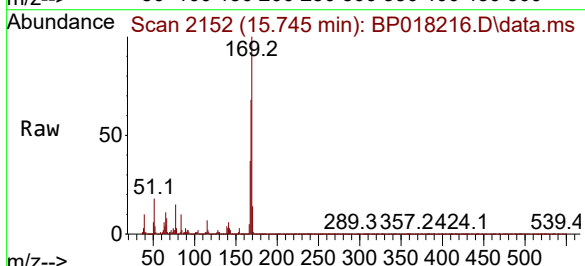
Instrument :
 BNA_P
 ClientSampleId :

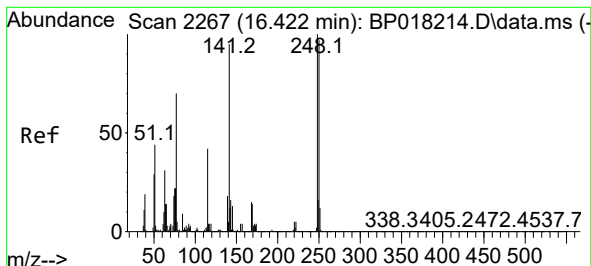
Tgt Ion:198 Resp: 110859
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.8 5.6
 77 36.7 27.2 40.8



#67
 N-Nitrosodiphenylamine
 Concen: 51.460 ng/ul
 RT: 15.745 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BP018216.D
 Acq: 17 Nov 2023 10:23

Tgt Ion:169 Resp: 509186
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.8 80.8
 167 37.0 29.8 44.6

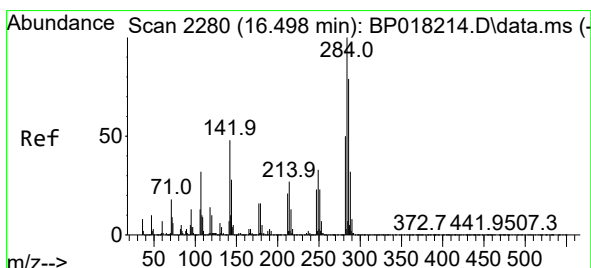
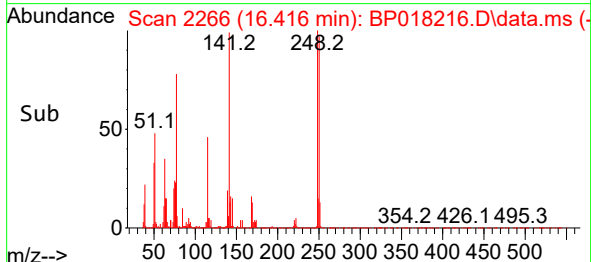
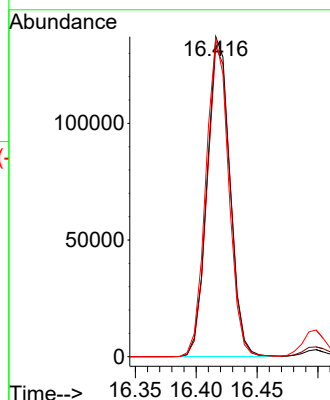
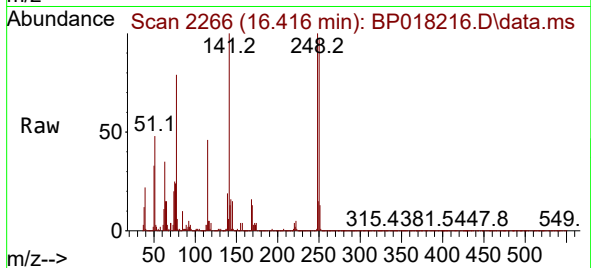




#68
4-Bromophenyl-phenylether
Concen: 51.479 ng/ul
RT: 16.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

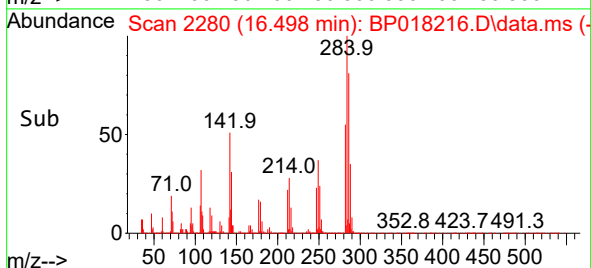
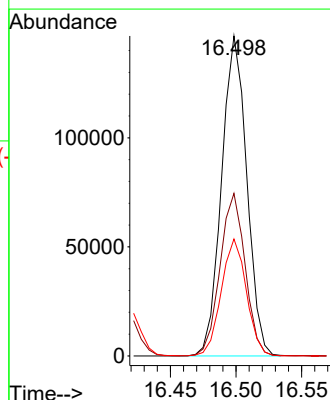
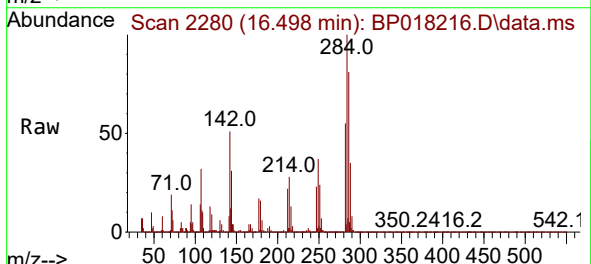
Instrument :
BNA_P
ClientSampleId :

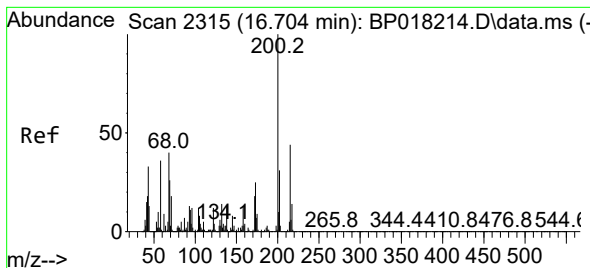
Tgt Ion:248 Resp: 179011
Ion Ratio Lower Upper
248 100
250 97.0 72.7 109.1
141 99.5 70.4 105.6



#69
Hexachlorobenzene
Concen: 50.552 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018216.D
Acq: 17 Nov 2023 10:23

Tgt Ion:284 Resp: 196155
Ion Ratio Lower Upper
284 100
142 50.8 38.9 58.3
249 36.6 28.6 43.0





#70

Atrazine

Concen: 40.158 ng/ul

RT: 16.704 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

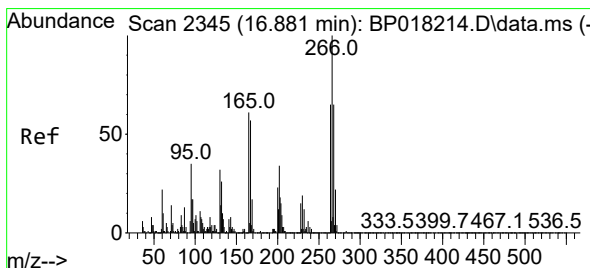
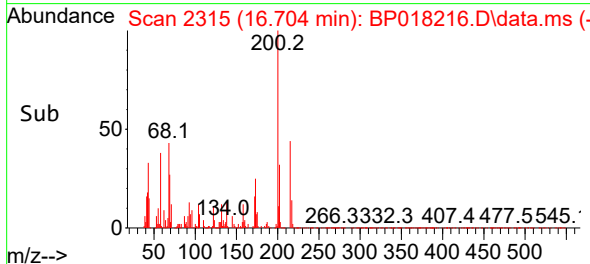
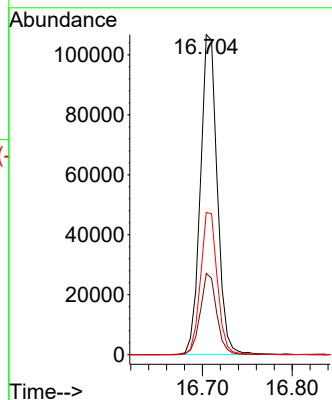
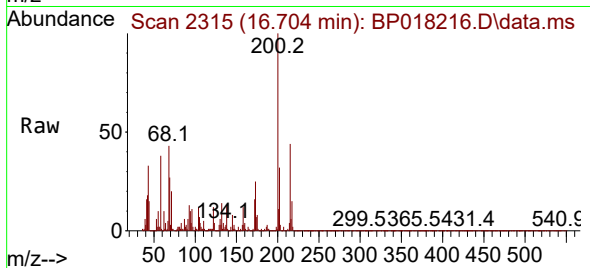
Tgt Ion:200 Resp: 138607

Ion Ratio Lower Upper

200 100

173 25.4 20.2 30.2

215 44.4 37.8 56.8



#71

Pentachlorophenol

Concen: 28.286 ng/ul

RT: 16.875 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

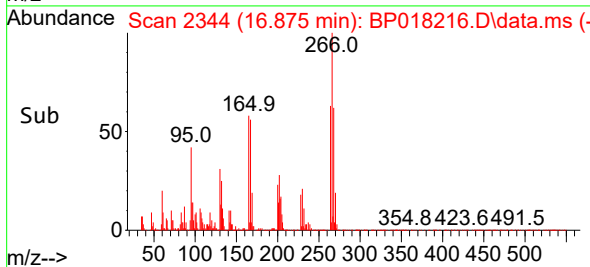
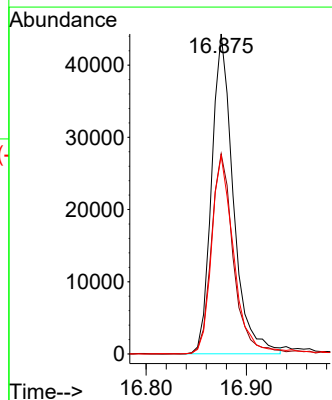
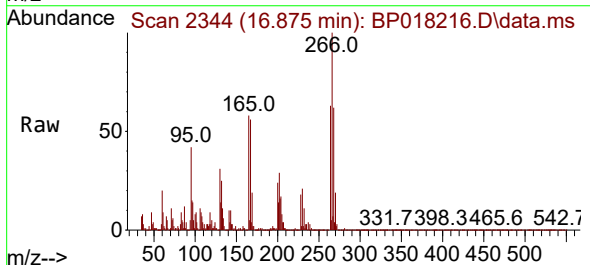
Tgt Ion:266 Resp: 66623

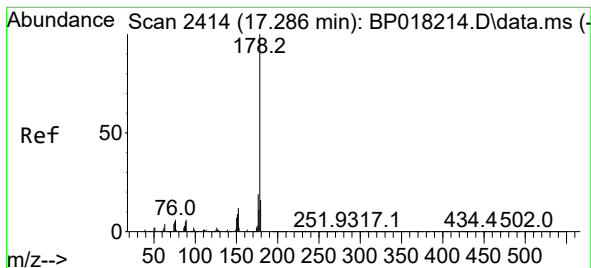
Ion Ratio Lower Upper

266 100

264 62.5 50.7 76.1

268 61.9 52.4 78.6





#72

Phenanthrene

Concen: 52.000 ng/ul

RT: 17.287 min Scan# 2414

Delta R.T. 0.000 min

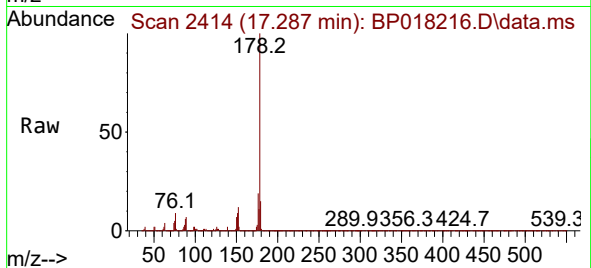
Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :



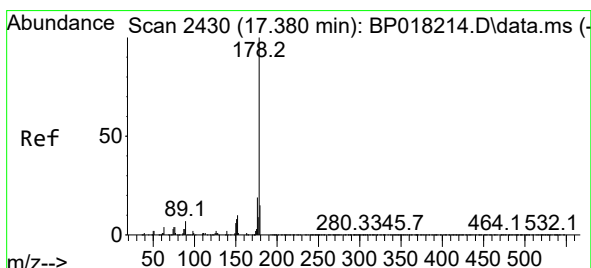
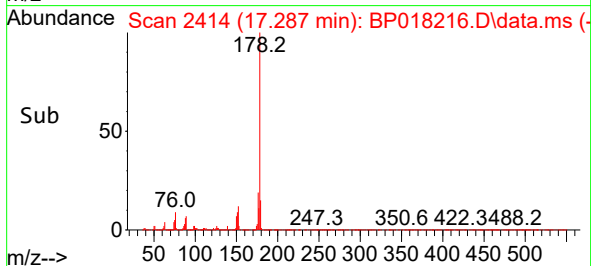
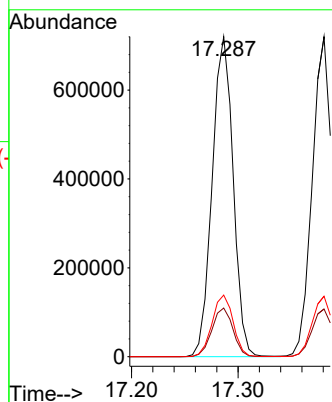
Tgt Ion:178 Resp: 985083

Ion Ratio Lower Upper

178 100

179 15.2 12.0 18.0

176 19.2 15.5 23.3



#74

Anthracene

Concen: 51.196 ng/ul

RT: 17.381 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

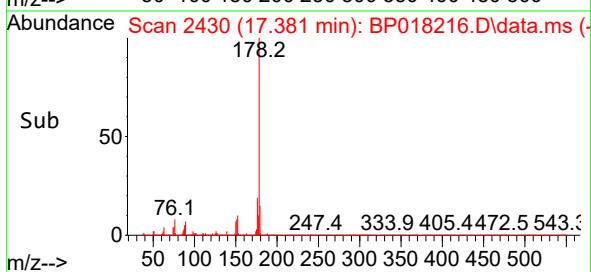
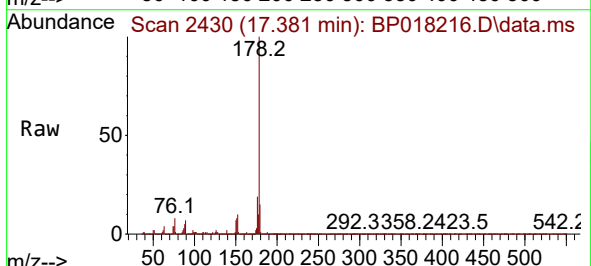
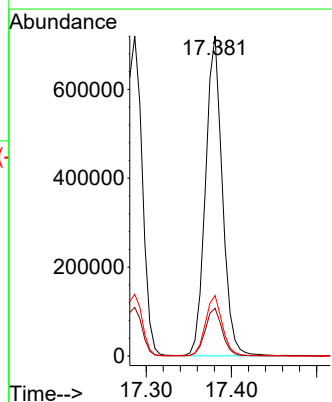
Tgt Ion:178 Resp: 989719

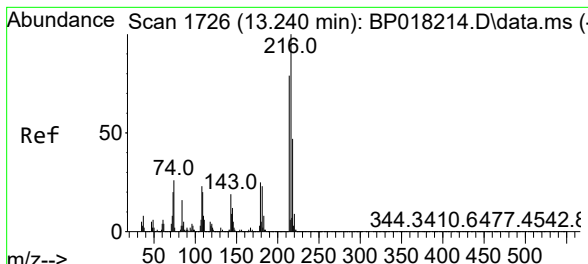
Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

176 18.9 15.4 23.0

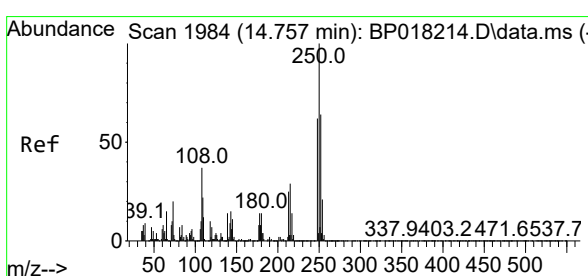
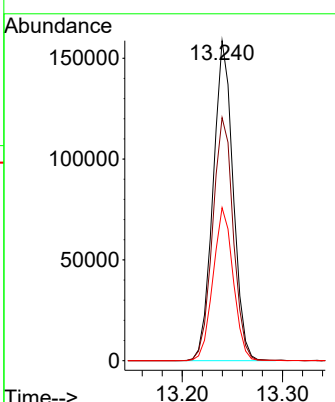
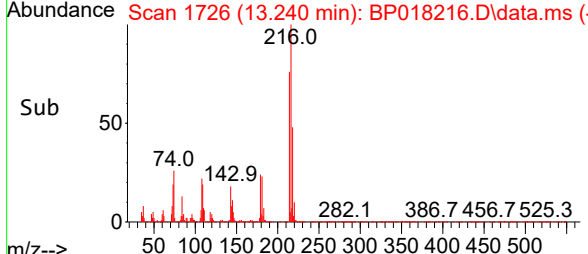
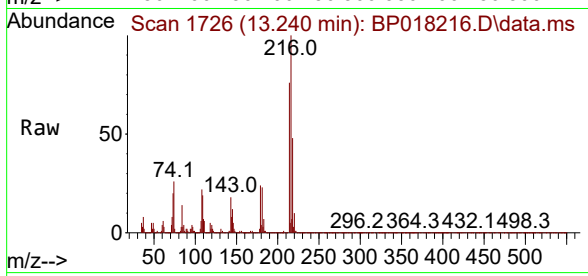




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 46.776 ng/uL
 RT: 13.240 min Scan# 1726
 Delta R.T. -0.006 min
 Lab File: BP018216.D
 Acq: 17 Nov 2023 10:23

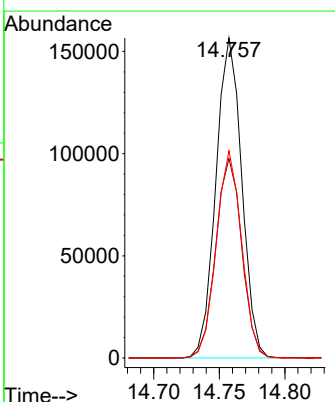
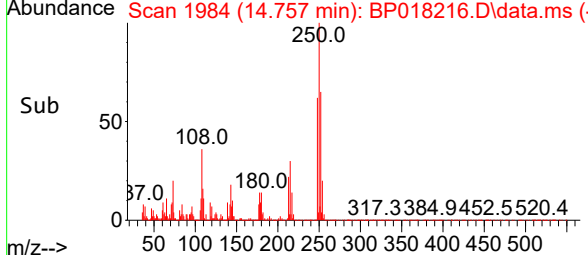
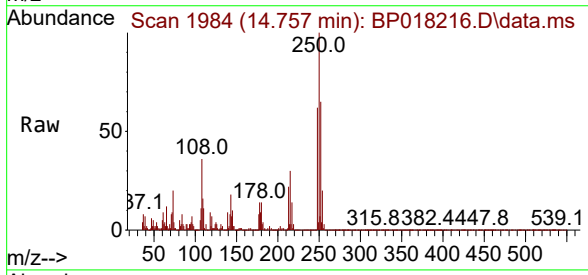
Instrument :
 BNA_P
 ClientSampleId :

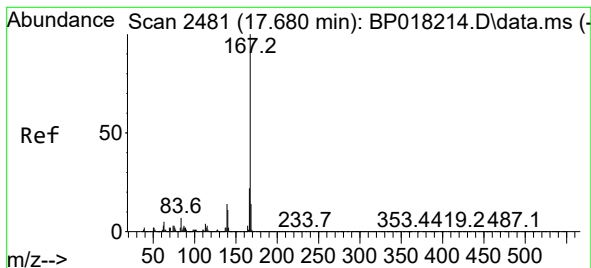
Tgt Ion:	216	Resp:	220386
Ion Ratio	Lower	Upper	
216	100		
214	76.0	64.0	96.0
218	47.8	39.0	58.4



#76
 Pentachlorobenzene
 Concen: 46.539 ng/uL
 RT: 14.757 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: BP018216.D
 Acq: 17 Nov 2023 10:23

Tgt Ion:	250	Resp:	214655
Ion Ratio	Lower	Upper	
250	100		
248	62.3	52.7	79.1
252	64.8	52.3	78.5





#77

Carbazole

Concen: 53.677 ng/ul

RT: 17.681 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BP018216.D

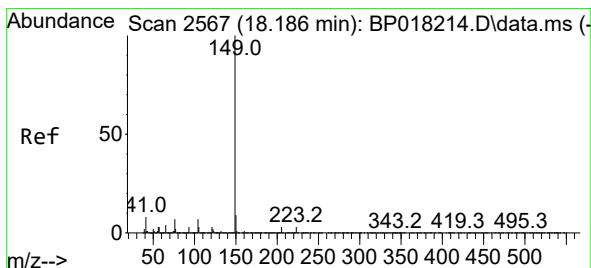
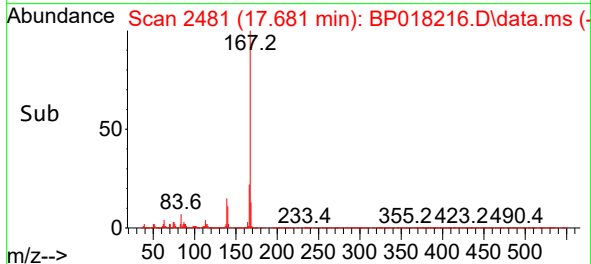
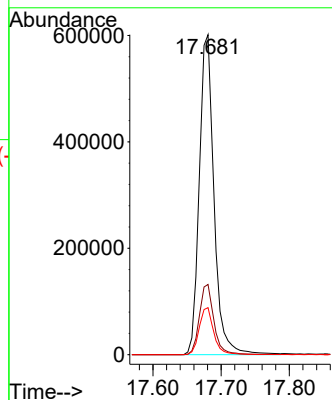
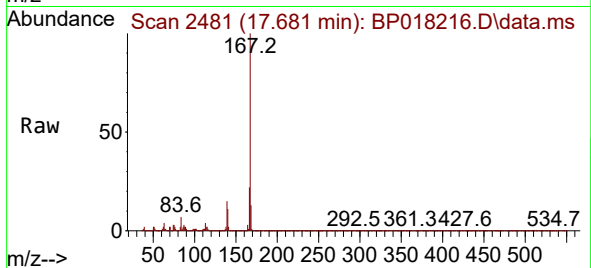
Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:167	Resp: 901110
Ion Ratio	Lower Upper
167	100
166	22.0 17.6 26.4
139	14.7 11.4 17.0



#78

Di-n-butylphthalate

Concen: 58.604 ng/ul

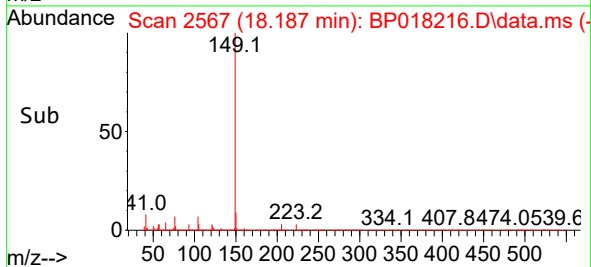
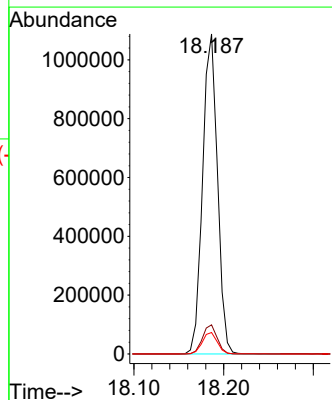
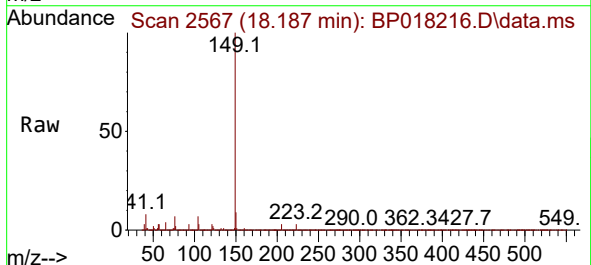
RT: 18.187 min Scan# 2567

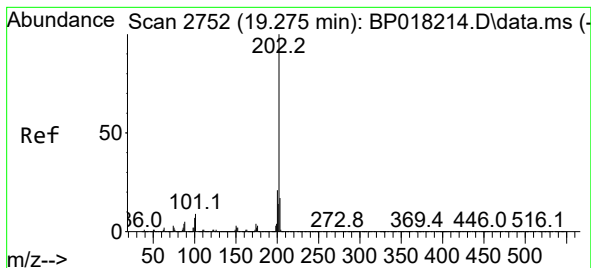
Delta R.T. 0.000 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Tgt Ion:149	Resp: 1248304
Ion Ratio	Lower Upper
149	100
150	9.1 6.7 10.1
104	6.7 5.1 7.7





#80

Fluoranthene

Concen: 52.012 ng/ul

RT: 19.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

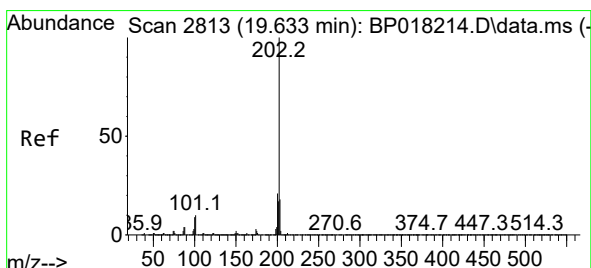
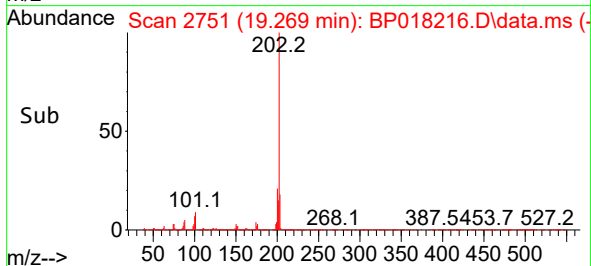
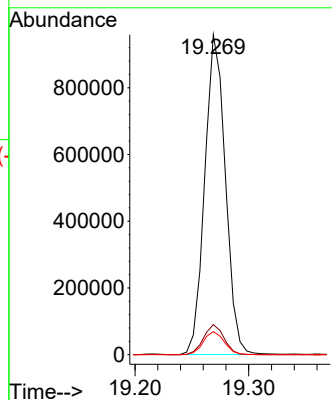
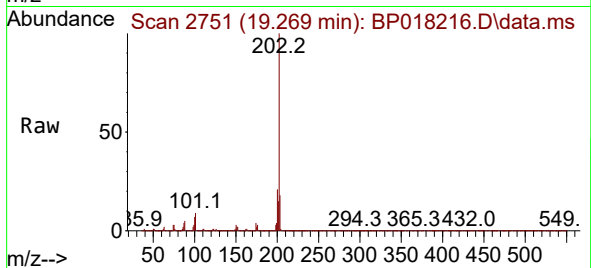
Tgt Ion:202 Resp: 1208654

Ion Ratio Lower Upper

202 100

101 9.4 7.2 10.8

100 7.2 5.8 8.6



#82

Pyrene

Concen: 52.066 ng/ul

RT: 19.628 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

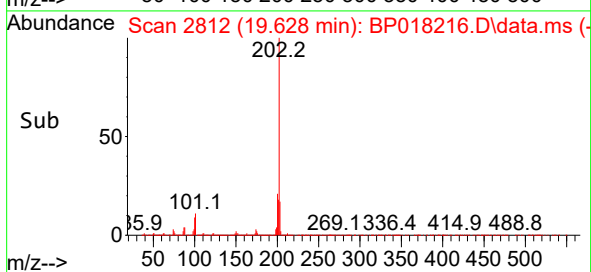
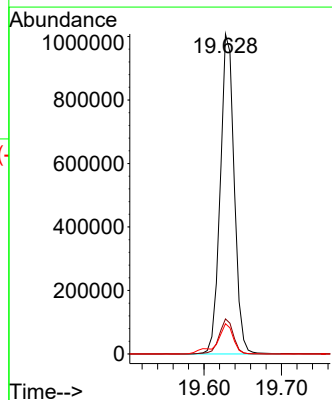
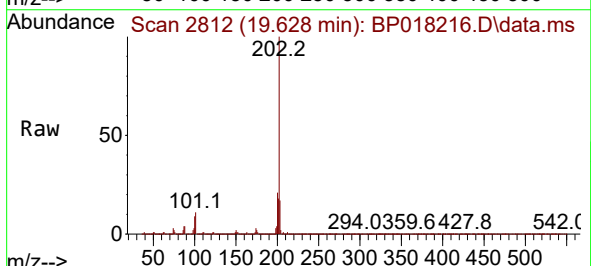
Tgt Ion:202 Resp: 1267828

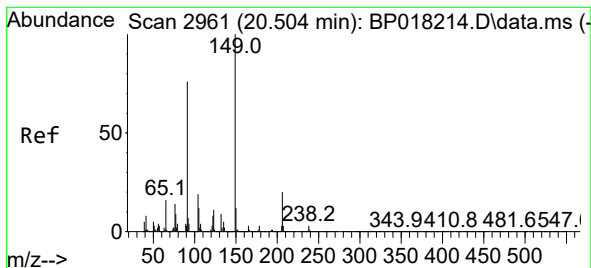
Ion Ratio Lower Upper

202 100

101 11.0 8.3 12.5

100 9.4 7.4 11.2





#83

Butylbenzylphthalate

Concen: 59.283 ng/ul

RT: 20.498 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

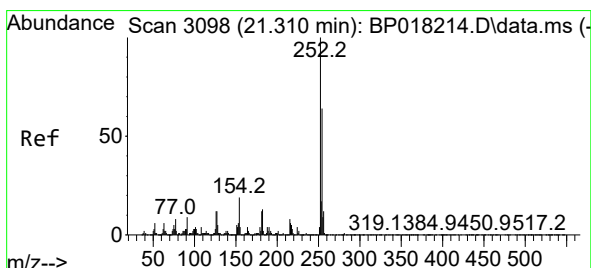
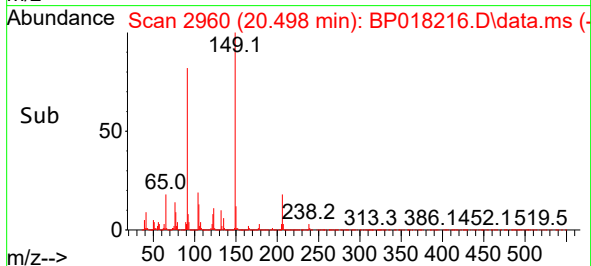
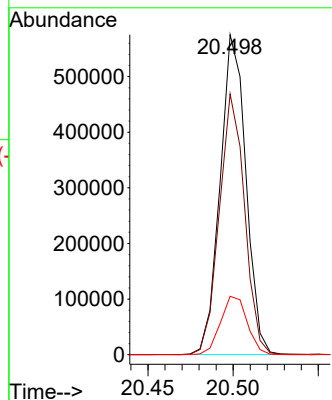
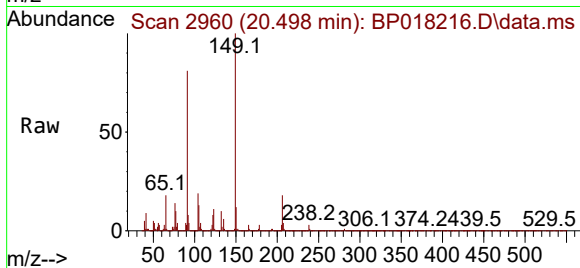
Tgt Ion:149 Resp: 607089

Ion Ratio Lower Upper

149 100

91 81.5 59.6 89.4

206 18.3 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 53.292 ng/ul

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

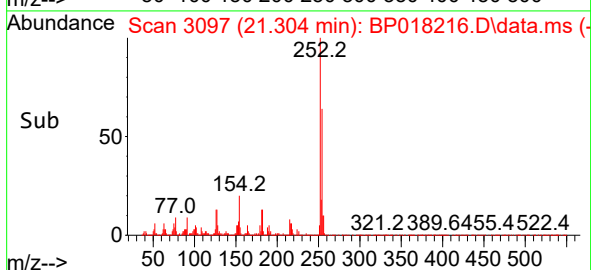
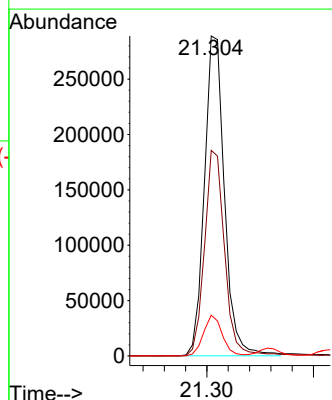
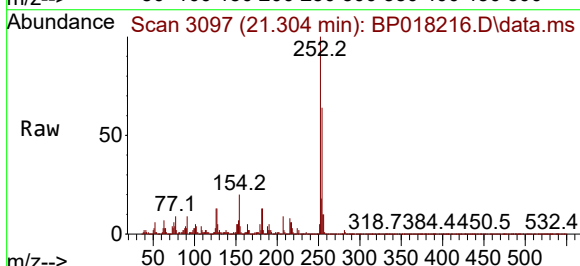
Tgt Ion:252 Resp: 379283

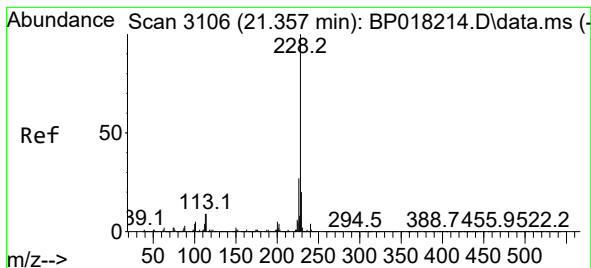
Ion Ratio Lower Upper

252 100

254 64.3 48.9 73.3

126 12.8 9.4 14.0





#85

Benzo(a)anthracene

Concen: 53.130 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

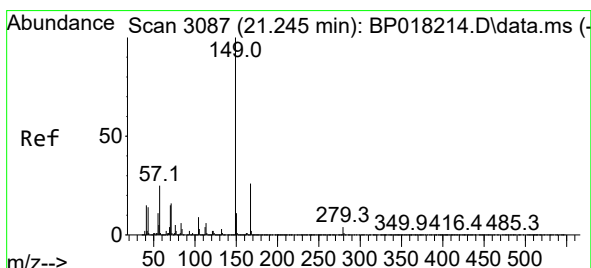
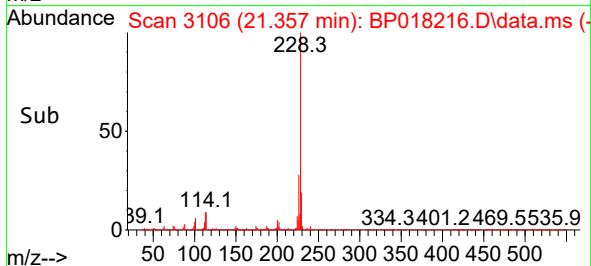
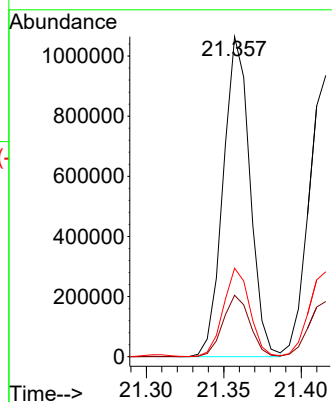
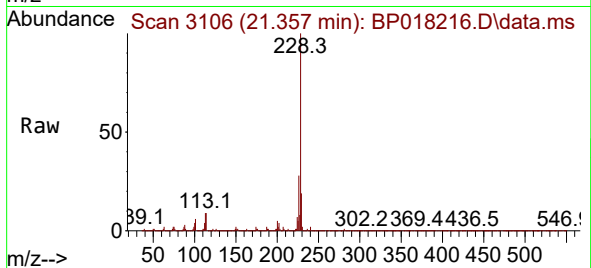
Tgt Ion:228 Resp: 1277997

Ion Ratio Lower Upper

228 100

229 19.2 15.4 23.0

226 27.7 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 61.642 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

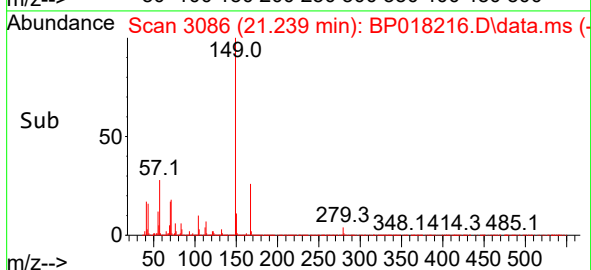
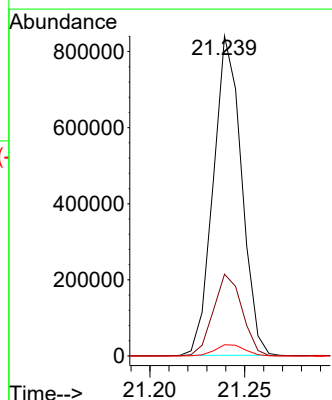
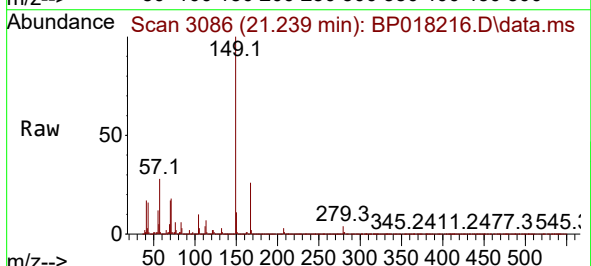
Tgt Ion:149 Resp: 870318

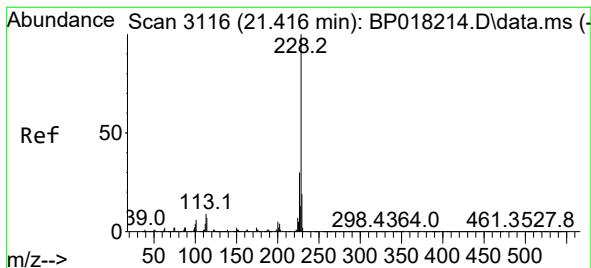
Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.4

279 3.5 3.2 4.8





#87

Chrysene

Concen: 52.199 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

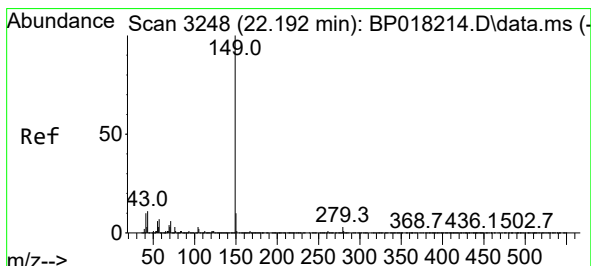
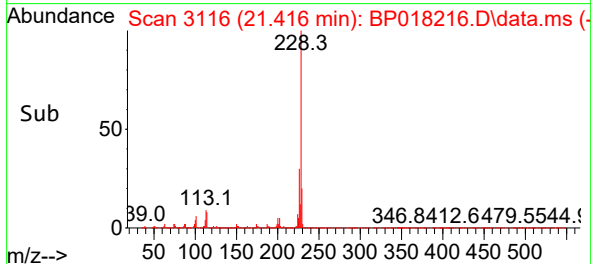
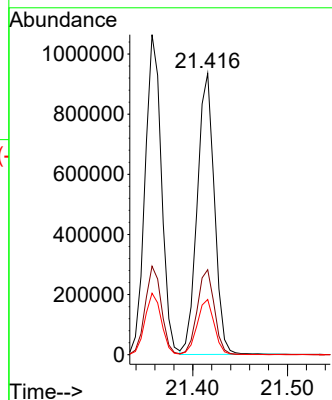
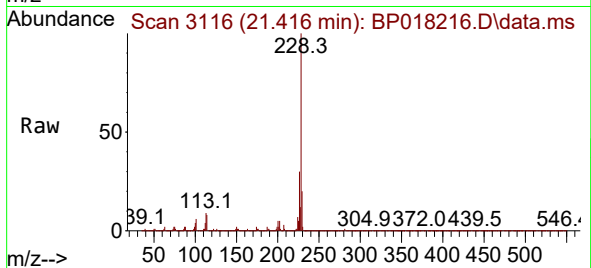
Tgt Ion:228 Resp: 1174653

Ion Ratio Lower Upper

228 100

226 30.2 23.1 34.7

229 19.6 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 65.258 ng/ul

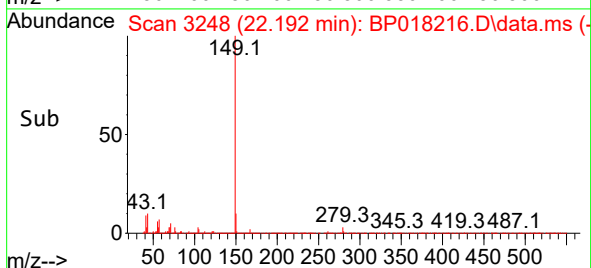
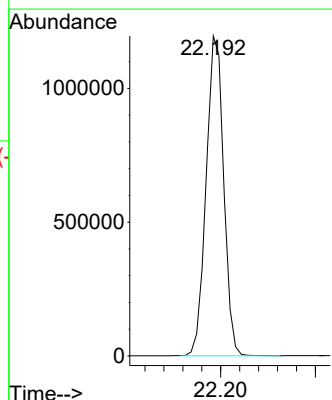
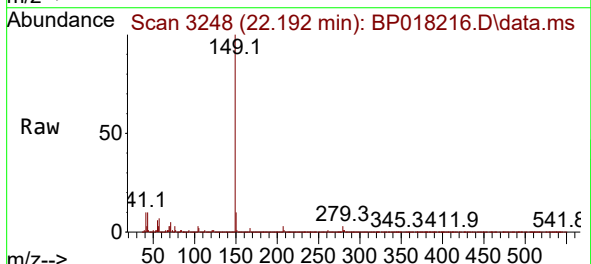
RT: 22.192 min Scan# 3248

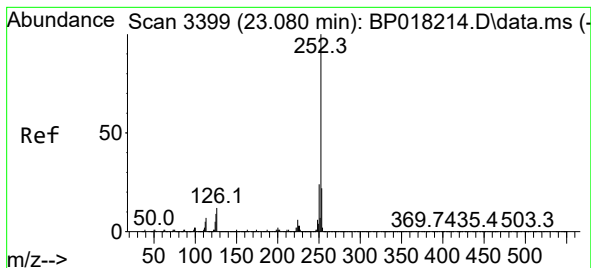
Delta R.T. 0.000 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Tgt Ion:149 Resp: 1528369





#90

Benzo(b)fluoranthene

Concen: 54.828 ng/ul

RT: 23.080 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

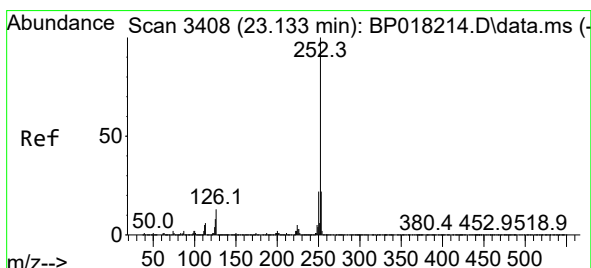
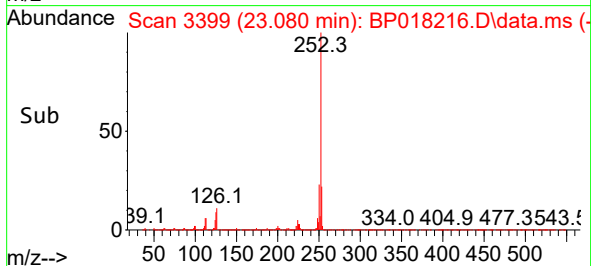
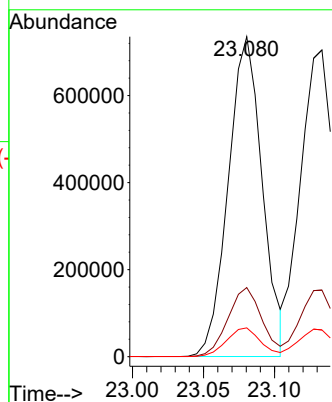
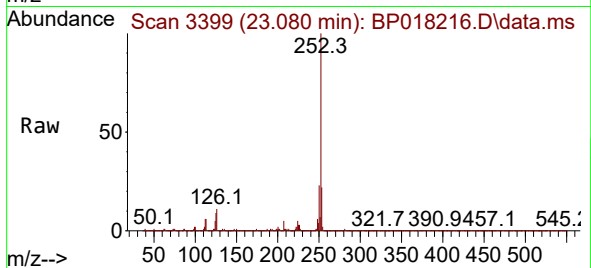
Tgt Ion:252 Resp: 1221957

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 9.0 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 53.254 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

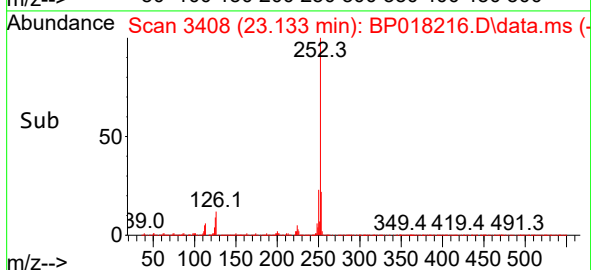
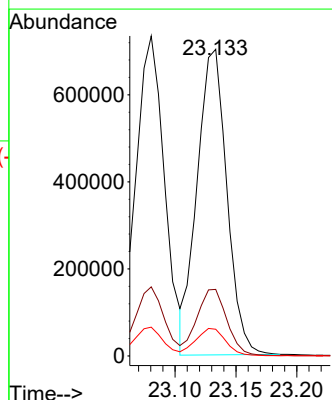
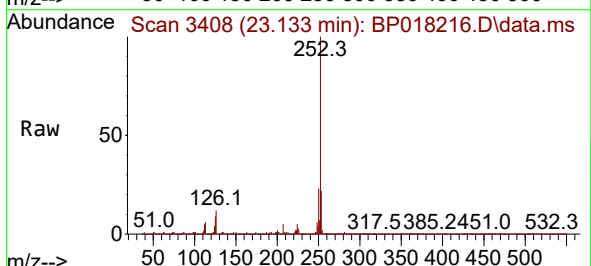
Tgt Ion:252 Resp: 1194125

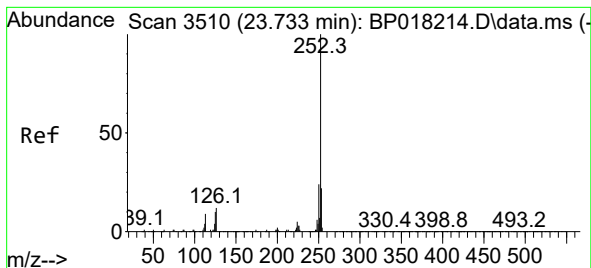
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.7 6.8 10.2





#93

Benzo(a)pyrene

Concen: 53.784 ng/ul

RT: 23.733 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

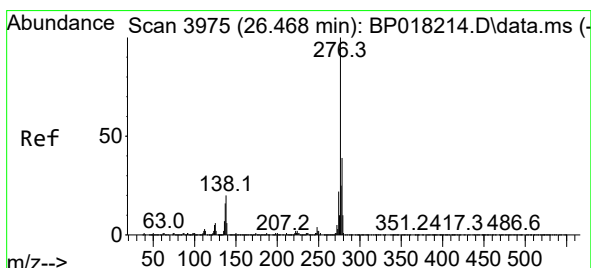
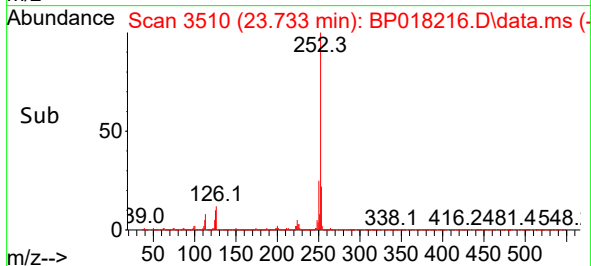
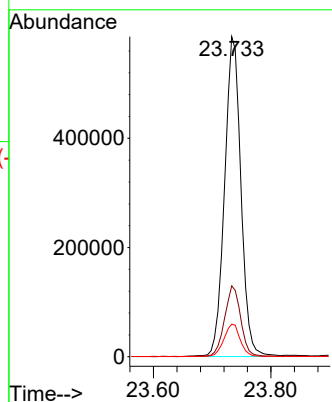
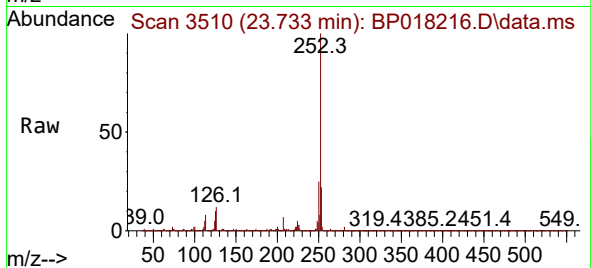
Tgt Ion:252 Resp: 1132017

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.2 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 51.763 ng/ul

RT: 26.474 min Scan# 3976

Delta R.T. 0.012 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

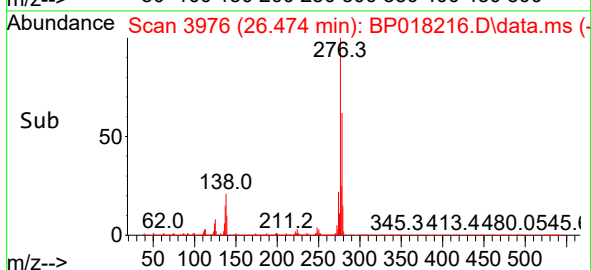
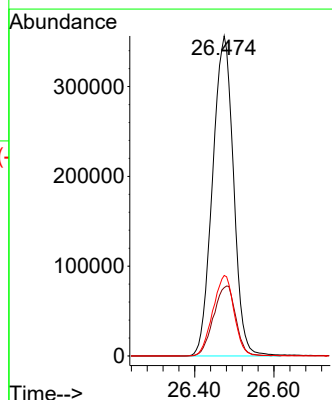
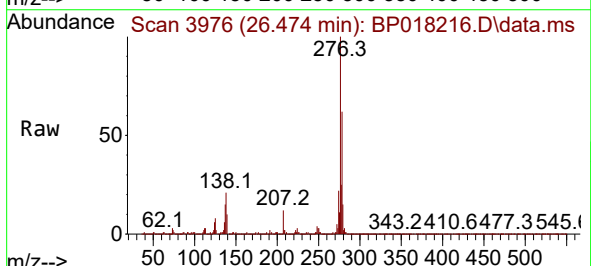
Tgt Ion:276 Resp: 1306693

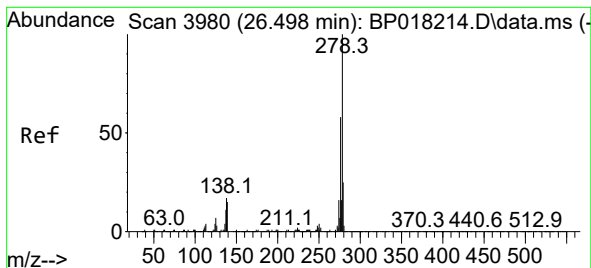
Ion Ratio Lower Upper

276 100

138 21.4 15.6 23.4

277 25.2 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 52.695 ng/ul

RT: 26.492 min Scan# 3980

Delta R.T. 0.000 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Instrument :

BNA_P

ClientSampleId :

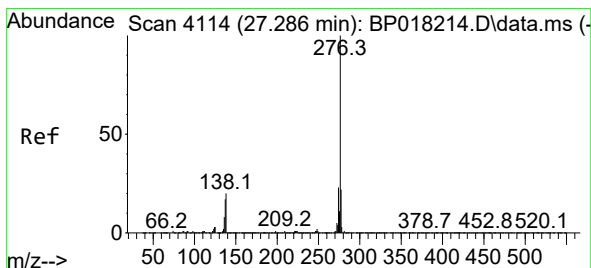
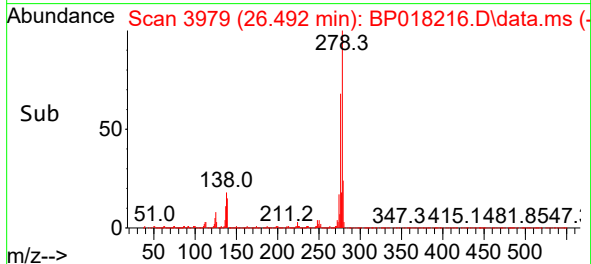
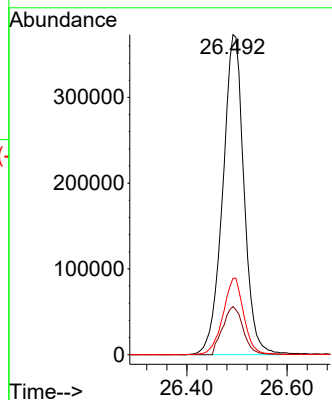
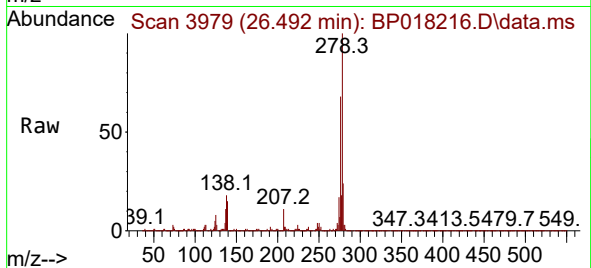
Tgt Ion:278 Resp: 1095274

Ion Ratio Lower Upper

278 100

139 15.1 11.1 16.7

279 23.9 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 51.512 ng/ul

RT: 27.286 min Scan# 4114

Delta R.T. 0.006 min

Lab File: BP018216.D

Acq: 17 Nov 2023 10:23

Tgt Ion:276 Resp: 1040074

Ion Ratio Lower Upper

276 100

138 20.1 13.8 20.6

277 24.3 20.2 30.2

