

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022223\
 Data File : BP013873.D
 Acq On : 22 Feb 2023 13:29
 Operator : CG/JU
 Sample : PB150981BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SBLK981

Quant Time: Feb 23 03:16:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 01:41:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	165921	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	646913	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.740	164	430406	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	931949	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	742090	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	784748	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	22969	5.738	ng/uL	0.00
4) Pyridine-d5	3.881	84	305488	25.740	ng/ul	0.00
7) Phenol-d5	7.246	99	387652	26.222	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	227175	26.224	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	305515	28.074	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	307006	25.408	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	147537	32.778	ng/ul	0.00
24) 2-Nitrophenol-d4	10.005	143	172581	33.208	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	306869	28.975	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	407321	27.133	ng/ul	0.00
46) Dimethylphthalate-d6	14.140	166	997360	29.421	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	1090089	29.706	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	138573	22.945	ng/ul	0.00
60) Fluorene-d10	15.734	176	857362	29.692	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	152346	26.646	ng/ul	0.00
73) Anthracene-d10	17.592	188	1329761	31.205	ng/ul	0.00
81) Pyrene-d10	19.816	212	1457025	34.623	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1221192	31.057	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	226	0.053	ng/ul#	43
5) Pyridine	3.893	79	278	0.024	ng/ul#	1
6) Benzaldehyde	7.246	77	857	0.129	ng/ul#	6
8) Phenol	7.258	94	157	0.010	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.563	93	71	0.006	ng/ul	94
12) 2-Chlorophenol	7.663	128	53	0.005	ng/ul#	1
13) 2-Methylphenol	8.534	108	11	0.001	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.652	45	233	0.017	ng/ul#	1
16) Acetophenone	8.946	105	127	0.007	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.910	70	58	0.006	ng/ul#	1
18) 4-Methylphenol	8.758	108	14	0.001	ng/ul	87
19) Hexachloroethane	9.199	117	43	0.009	ng/ul#	21
22) Nitrobenzene	9.322	77	165	0.014	ng/ul#	49
23) Isophorone	9.857	82	102	0.004	ng/ul#	75
25) 2-Nitrophenol	10.028	139	14	0.002	ng/ul#	1
26) 2,4-Dimethylphenol	10.075	107	7	0.001	ng/ul#	32
27) Bis(2-Chloroethoxy)met...	10.310	93	94	0.006	ng/ul#	90
29) 2,4-Dichlorophenol	10.575	162	3	0.000	ng/ul#	1
30) Naphthalene	10.981	128	36	0.001	ng/ul#	28
32) 4-Chloroaniline	11.140	127	14	0.001	ng/ul	89
33) Hexachlorobutadiene	11.263	225	20	0.003	ng/ul#	79
34) Caprolactam	11.728	113	15	0.004	ng/ul	91
35) 4-Chloro-3-methylphenol	12.175	107	38	0.003	ng/ul#	50
36) 2-Methylnaphthalene	12.528	142	20	0.001	ng/ul	91

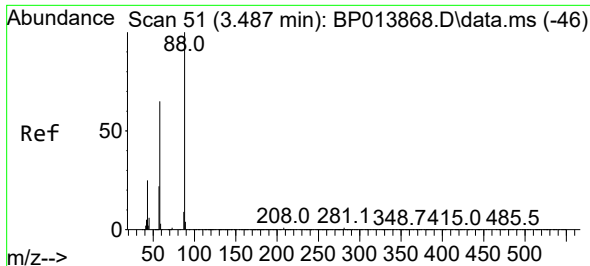
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.793	142	32	0.001	ng/ul#	1
39) 1,2,4,5-Tetrachloroben...	12.940	216	11	0.001	ng/ul#	41
40) Hexachlorocyclopentadiene	12.910	237	5	0.001	ng/ul#	54
41) 2,4,6-Trichlorophenol	13.187	196	11	0.001	ng/ul#	1
42) 2,4,5-Trichlorophenol	13.246	196	16	0.002	ng/ul#	78
43) 1,1'-Biphenyl	13.557	154	14	0.000	ng/ul#	1
44) 2-Chloronaphthalene	13.628	162	62	0.002	ng/ul#	52
45) 2-Nitroaniline	13.816	65	31	0.005	ng/ul#	50
47) Dimethylphthalate	14.193	163	133	0.004	ng/ul#	72
48) 2,6-Dinitrotoluene	14.304	165	77	0.013	ng/ul#	46
50) Acenaphthylene	14.463	152	205	0.005	ng/ul#	77
51) 3-Nitroaniline	14.645	138	20	0.003	ng/ul#	66
52) Acenaphthene	14.793	153	31	0.001	ng/ul#	1
53) 2,4-Dinitrophenol	14.845	184	20	0.005	ng/ul#	1
55) 4-Nitrophenol	14.934	109	72	0.014	ng/ul#	1
56) Dibenzofuran	15.145	168	75	0.002	ng/ul	95
57) 2,4-Dinitrotoluene	15.087	165	85	0.010	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.345	232	14	0.002	ng/ul#	1
59) Diethylphthalate	15.692	149	65	0.002	ng/ul	96
61) Fluorene	15.787	166	76	0.002	ng/ul#	50
62) 4-Chlorophenyl-phenyle...	15.769	204	12	0.001	ng/ul#	1
63) 4-Nitroaniline	15.804	138	2	0.000	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.845	198	772	0.138	ng/ul#	1
67) N-Nitrosodiphenylamine	15.969	169	23	0.001	ng/ul	90
68) 4-Bromophenyl-phenylether	16.498	248	20	0.002	ng/ul	90
69) Hexachlorobenzene	16.787	284	39	0.003	ng/ul#	88
70) Atrazine	16.951	200	9	0.001	ng/ul#	35
71) Pentachlorophenol	17.116	266	22	0.003	ng/ul#	7
72) Phenanthrene	17.539	178	153	0.003	ng/ul#	71
74) Anthracene	17.639	178	75	0.002	ng/ul#	42
75) 1,2,3,4-Tetrachloroben...	13.546	216	12	0.001	ng/ul#	45
76) Pentachlorobenzene	15.057	250	17	0.001	ng/ul#	54
77) Carbazole	17.892	167	27	0.001	ng/ul#	90
78) Di-n-butylphthalate	18.422	149	717	0.014	ng/ul#	81
80) Fluoranthene	19.486	202	341	0.007	ng/ul#	91
82) Pyrene	19.980	202	8	0.000	ng/ul	95
83) Butylbenzylphthalate	20.692	149	548	0.031	ng/ul#	61
84) 3,3'-Dichlorobenzidine	21.480	252	132	0.008	ng/ul#	66
85) Benzo(a)anthracene	21.610	228	964	0.019	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.457	149	989	0.037	ng/ul#	72
87) Chrysene	21.610	228	1075	0.022	ng/ul#	92
89) Di-n-octyl phthalate	22.422	149	135	0.003	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	467	0.009	ng/ul#	12
91) Benzo(k)fluoranthene	23.386	252	544	0.010	ng/ul#	1
93) Benzo(a)pyrene	24.016	252	175	0.004	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	26.798	276	321	0.006	ng/ul#	78
95) Dibenzo(a,h)anthracene	26.833	278	283	0.007	ng/ul#	1
96) Benzo(g,h,i)perylene	27.657	276	240	0.006	ng/ul#	15

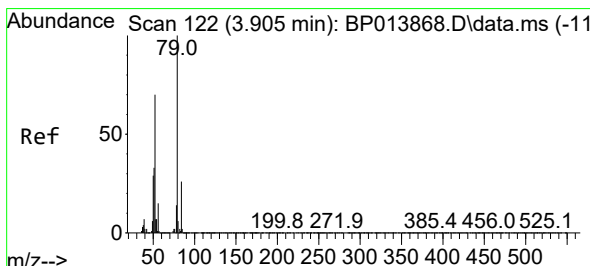
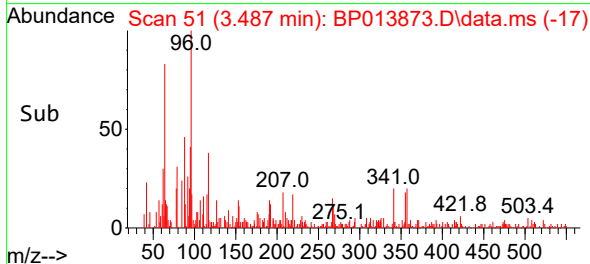
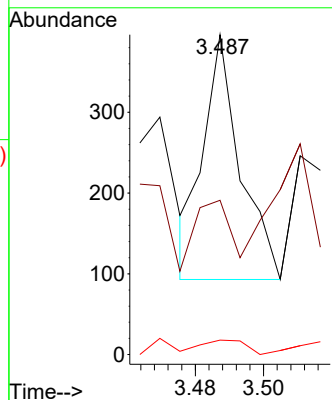
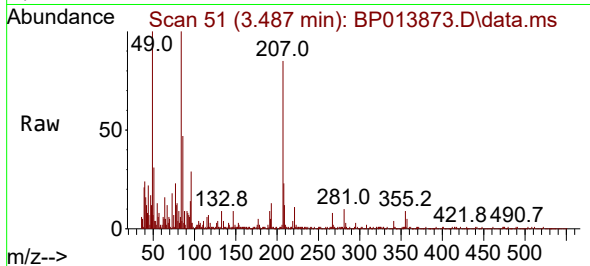
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#2
1,4-Dioxane
Concen: 0.053 ng/uL
RT: 3.487 min Scan# 51
Delta R.T. 0.000 min
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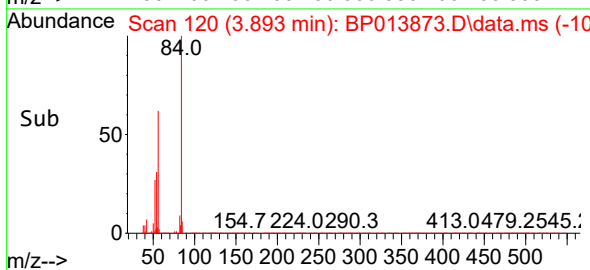
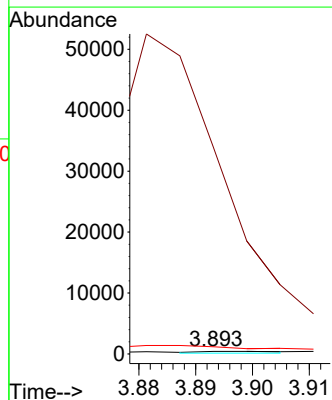
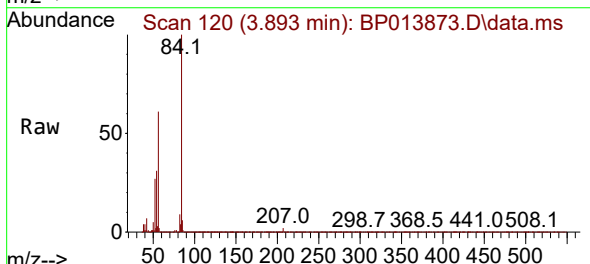
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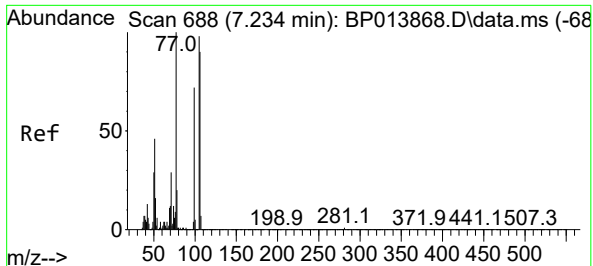
Tgt Ion: 88 Resp: 226
Ion Ratio Lower Upper
88 100
43 42.7 20.1 30.1#
58 13.9 53.0 79.6#



#5
Pyridine
Concen: 0.024 ng/uL
RT: 3.893 min Scan# 120
Delta R.T. -0.012 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion: 79 Resp: 278
Ion Ratio Lower Upper
79 100
52 7857.4 55.1 82.7#
51 275.5 25.7 38.5#

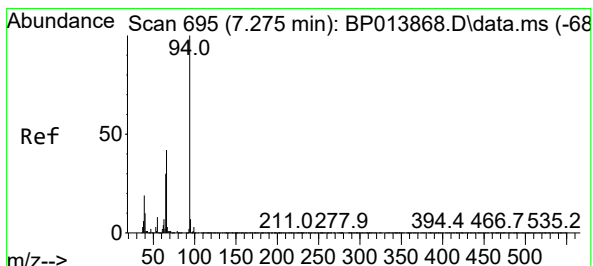
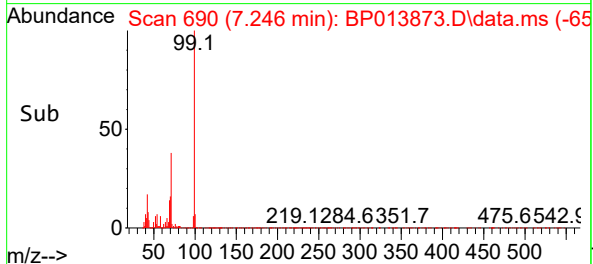
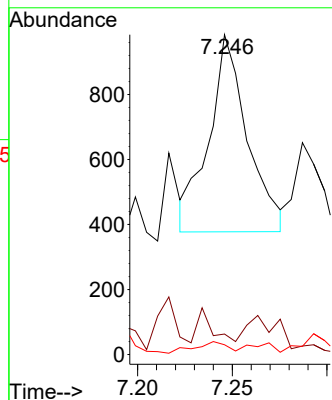
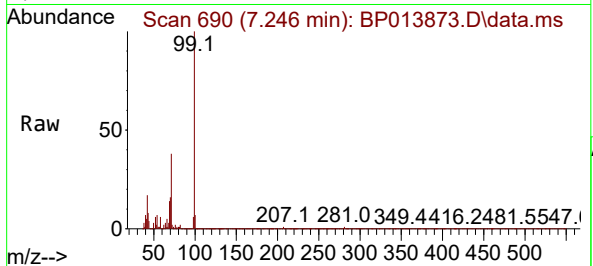




#6
Benzaldehyde
Concen: 0.129 ng/ul
RT: 7.246 min Scan# 690
Delta R.T. 0.012 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

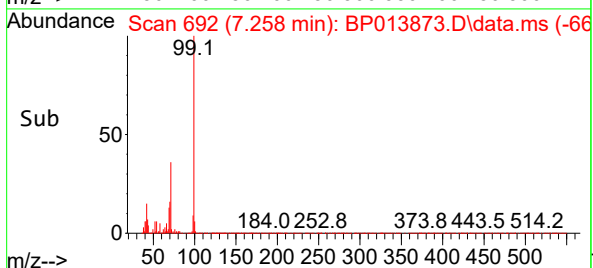
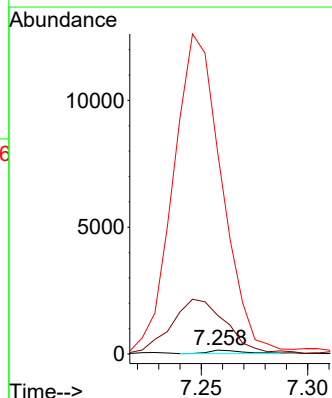
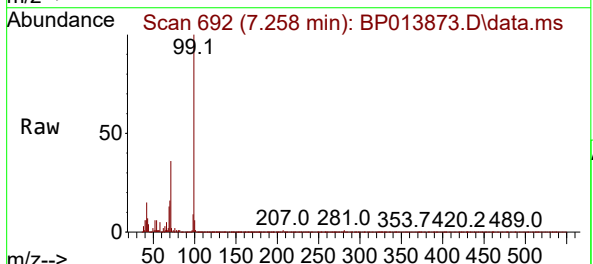
Instrument :
BNA_P
ClientSampleId :
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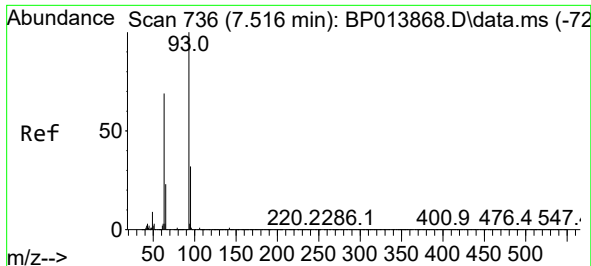
Tgt Ion: 77 Resp: 857
Ion Ratio Lower Upper
77 100
105 6.4 79.5 119.3#
106 3.0 76.5 114.7#



#8
Phenol
Concen: 0.010 ng/ul
RT: 7.258 min Scan# 692
Delta R.T. -0.024 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
65 1011.3 22.2 33.4#
66 5301.3 29.6 44.4#

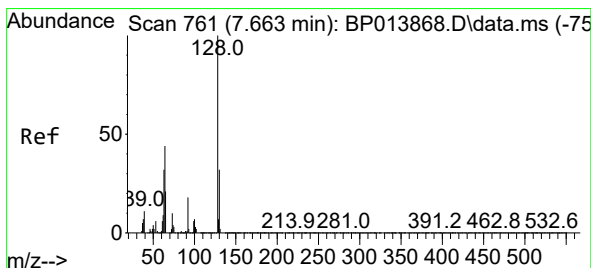
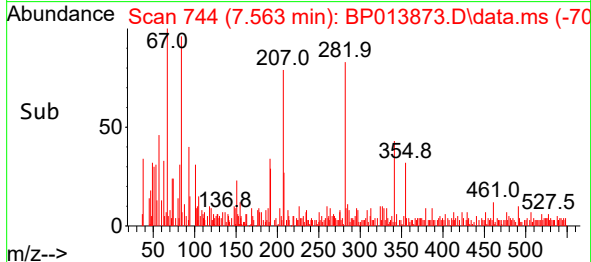
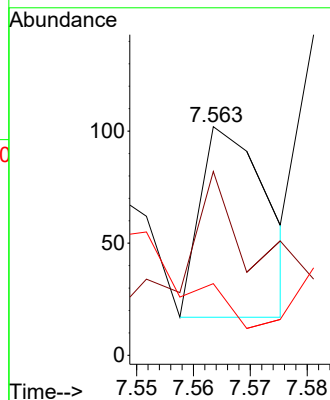
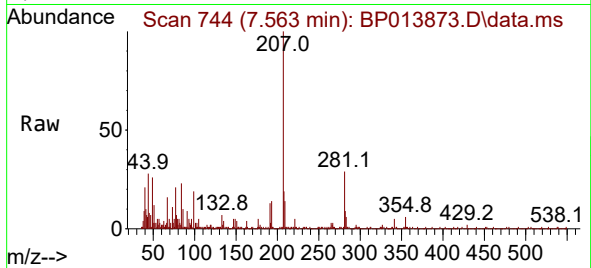




#10
Bis(2-Chloroethyl)ether
Concen: 0.006 ng/ul
RT: 7.563 min Scan# 744
Delta R.T. 0.047 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

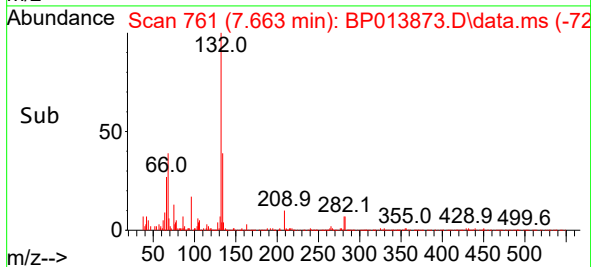
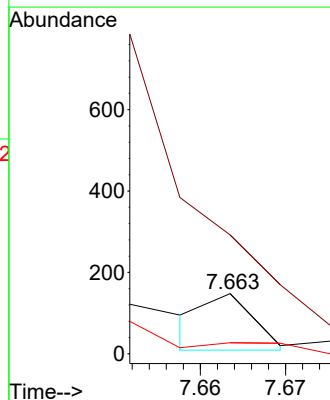
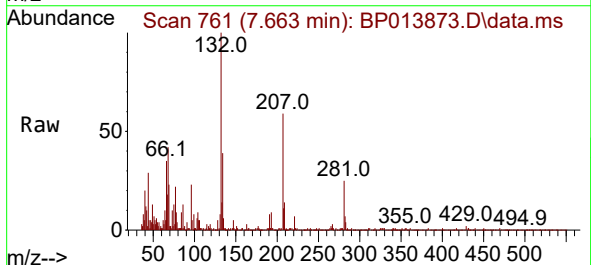
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ClientSampleId :
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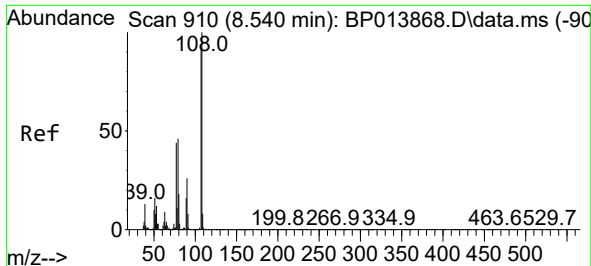
Tgt Ion: 93	Resp: 71
Ion Ratio	Lower Upper
93 100	
63 80.4	59.4 89.0
95 31.4	25.8 38.8



#12
2-Chlorophenol
Concen: 0.005 ng/ul
RT: 7.663 min Scan# 761
Delta R.T. 0.000 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:128	Resp:	53	
Ion Ratio	Lower	Upper	
128 100			
64 197.3	37.3	55.9#	
130 18.2	26.3	39.5#	

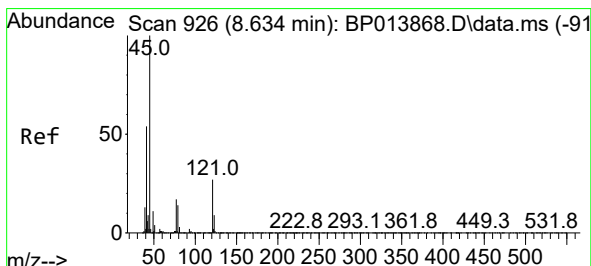
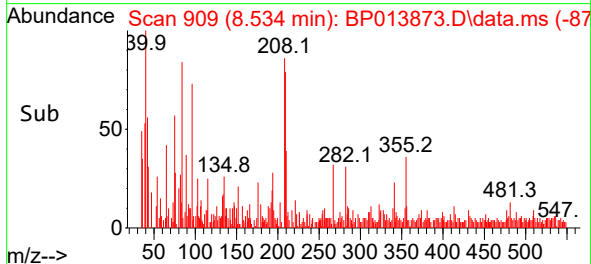
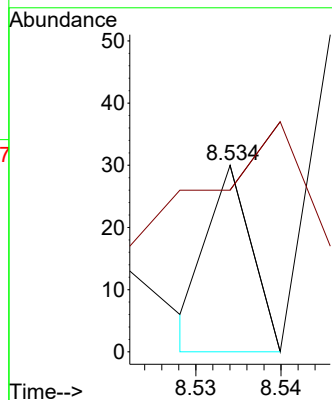
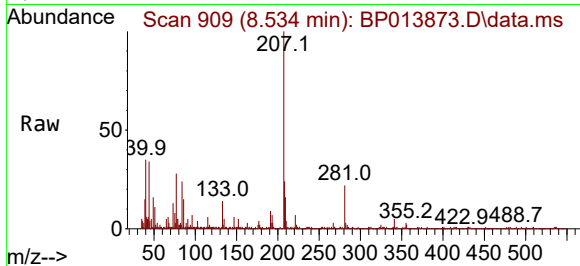




#13
2-Methylphenol
Concen: 0.001 ng/ul
RT: 8.534 min Scan# 909
Delta R.T. -0.012 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

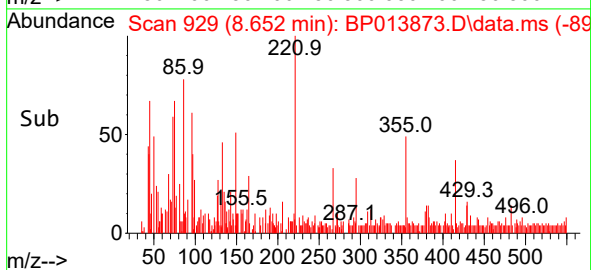
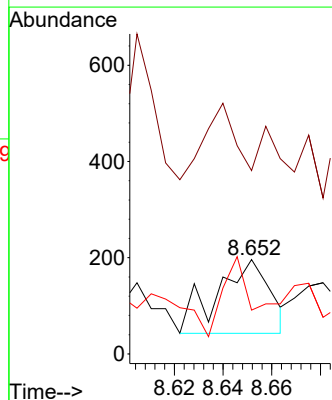
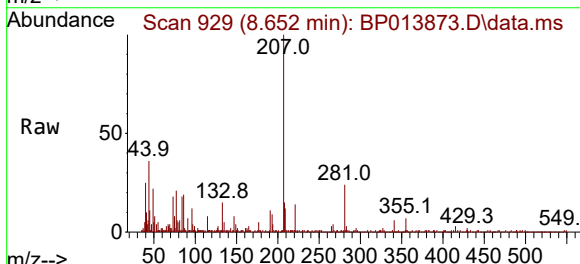
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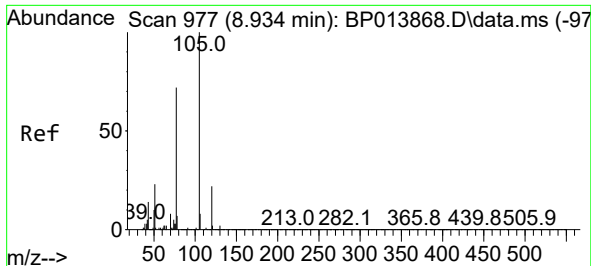
Tgt Ion:108 Resp: 11
Ion Ratio Lower Upper
108 100
107 86.7 71.9 107.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 0.017 ng/ul
RT: 8.652 min Scan# 929
Delta R.T. 0.018 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion: 45 Resp: 233
Ion Ratio Lower Upper
45 100
77 183.2 13.4 20.2#
79 43.8 11.0 16.4#

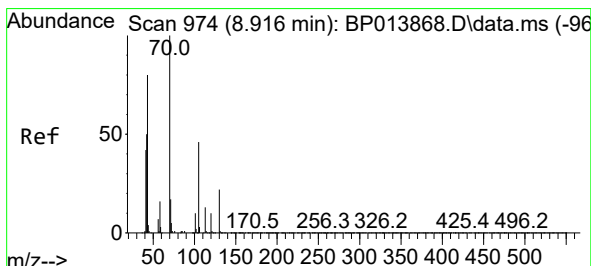
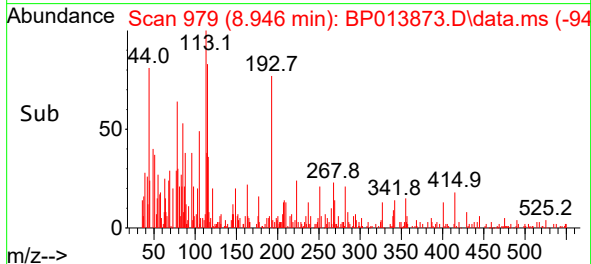
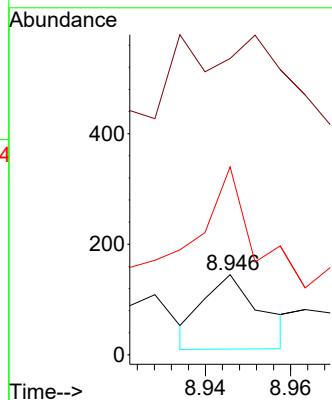
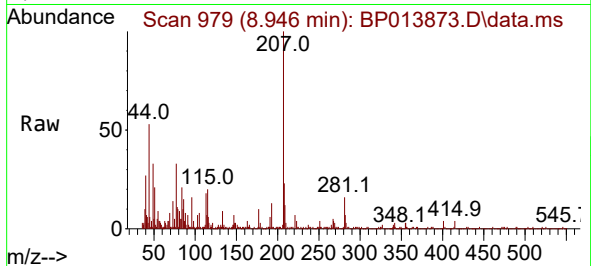




#16
Acetophenone
Concen: 0.007 ng/ul
RT: 8.946 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

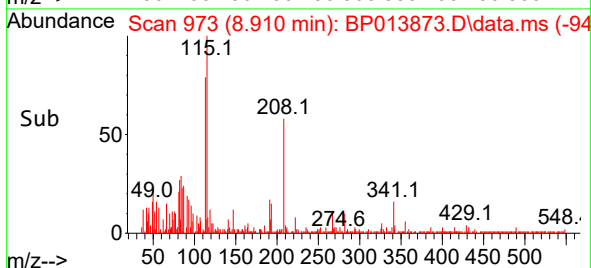
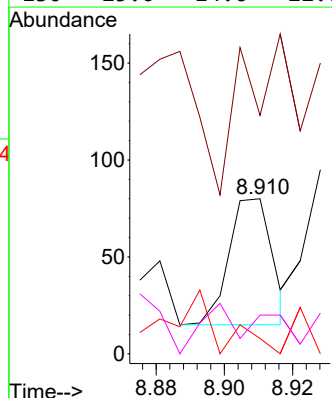
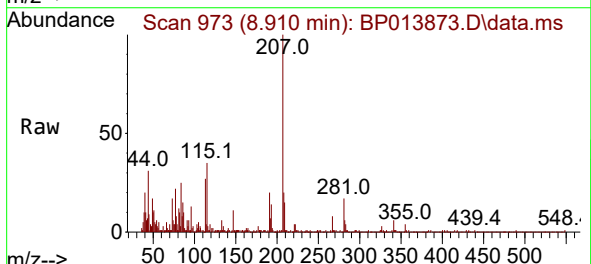
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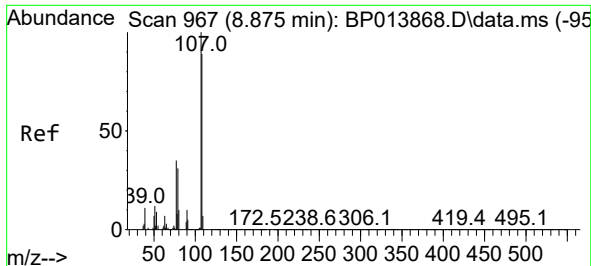
Tgt Ion:105 Resp: 127
Ion Ratio Lower Upper
105 100
77 369.7 61.0 91.4#
51 234.5 19.6 29.4#



#17
N-Nitroso-di-n-propylamine
Concen: 0.006 ng/ul
RT: 8.910 min Scan# 973
Delta R.T. -0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion: 70 Resp: 58
Ion Ratio Lower Upper
70 100
42 153.8 39.8 59.8#
101 10.0 7.4 11.2
130 25.0 14.6 22.0#

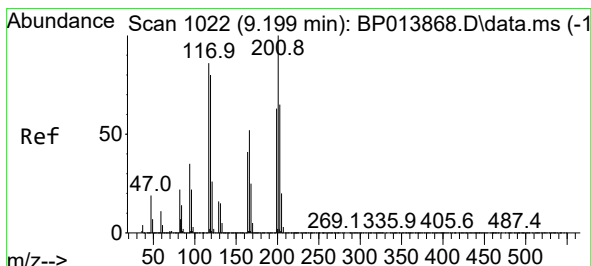
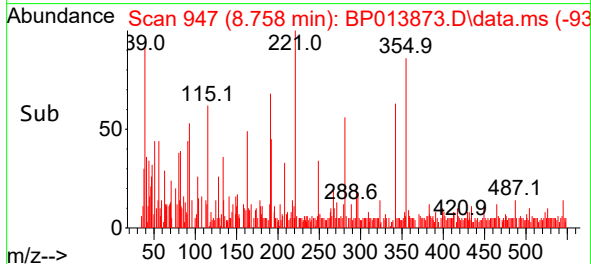
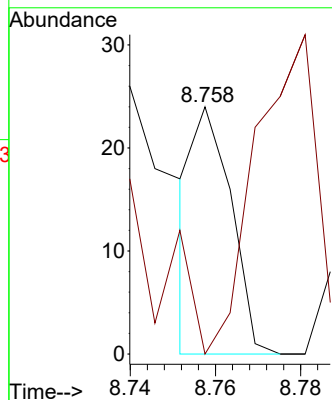
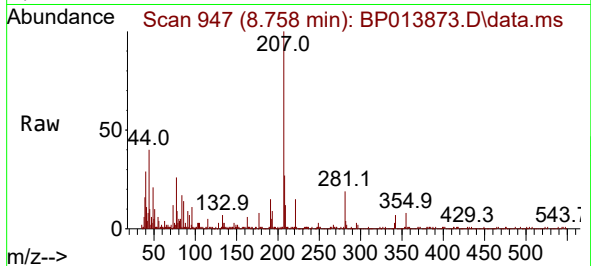




#18
4-Methylphenol
Concen: 0.001 ng/ul
RT: 8.758 min Scan# 947
Delta R.T. -0.118 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

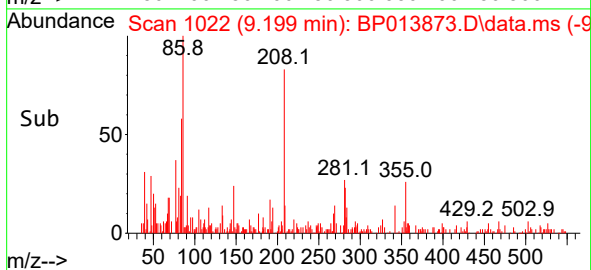
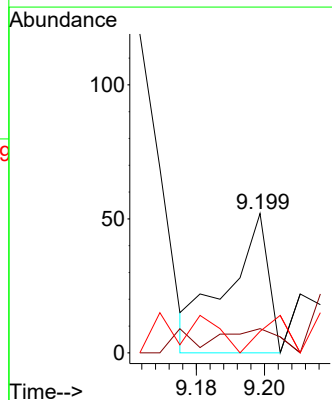
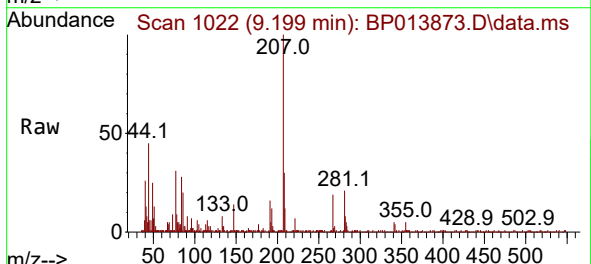
Instrument :
BNA_P
ClientSampleId :
SBLK981

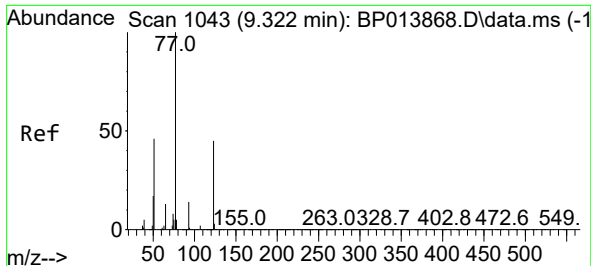
Tgt Ion:108 Resp: 14
Ion Ratio Lower Upper
108 100
107 100.0 90.9 136.3



#19
Hexachloroethane
Concen: 0.009 ng/ul
RT: 9.199 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:117 Resp: 43
Ion Ratio Lower Upper
117 100
201 17.3 86.6 129.8#
199 15.4 55.2 82.8#

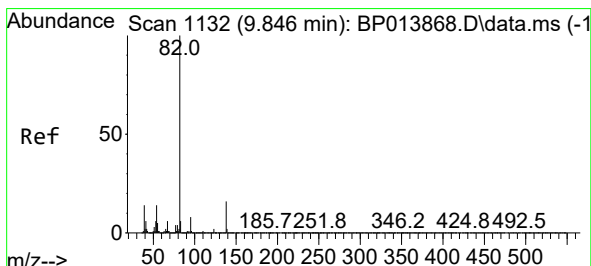
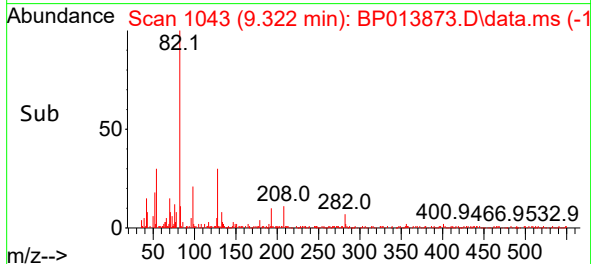
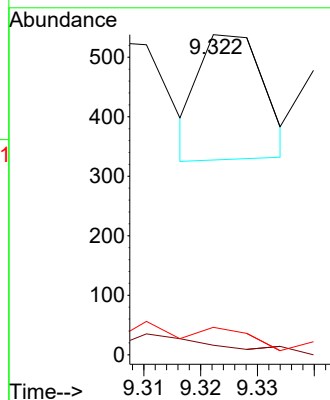
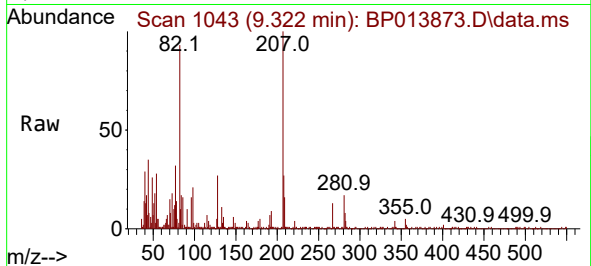




#22
Nitrobenzene
Concen: 0.014 ng/ul
RT: 9.322 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

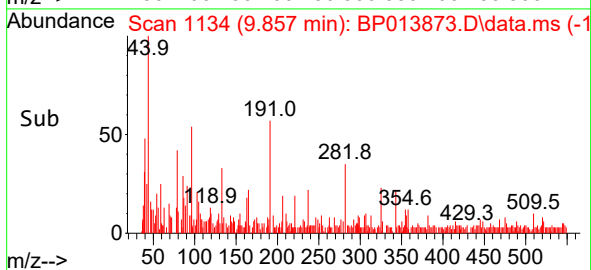
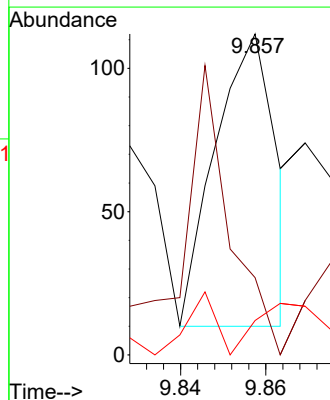
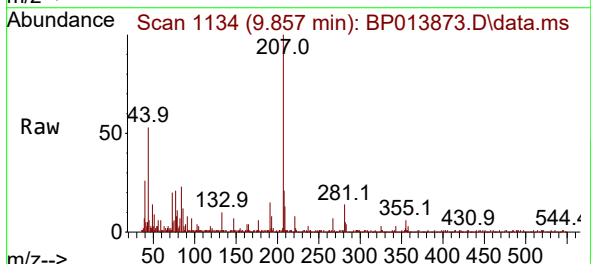
Instrument :
BNA_P
ClientSampleId :
SBLK981

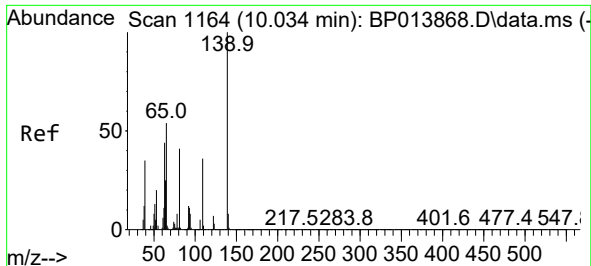
Tgt Ion: 77 Resp: 165
Ion Ratio Lower Upper
77 100
123 3.0 35.1 52.7#
65 8.6 10.6 16.0#



#23
Isophorone
Concen: 0.004 ng/ul
RT: 9.857 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion: 82 Resp: 102
Ion Ratio Lower Upper
82 100
95 24.1 6.0 9.0#
138 10.7 13.7 20.5#

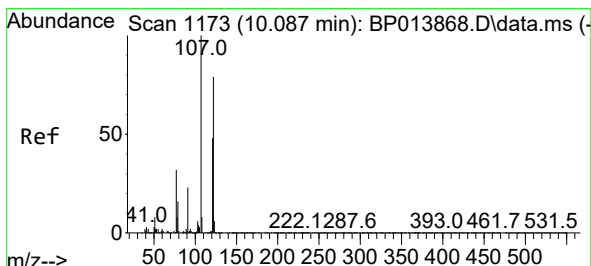
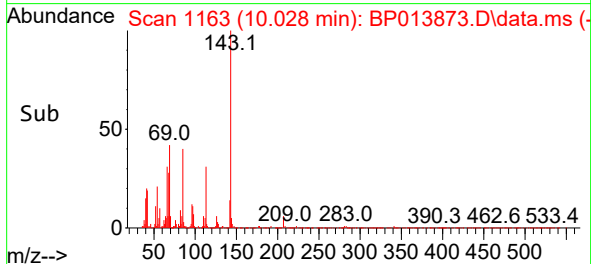
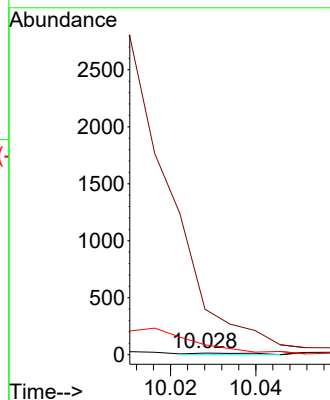
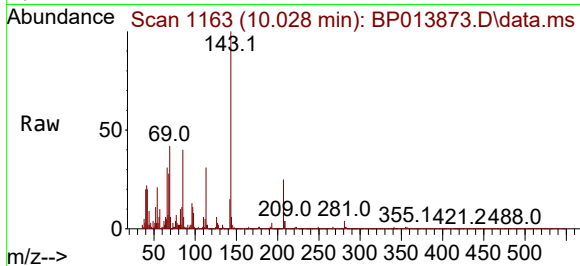




#25
2-Nitrophenol
Concen: 0.002 ng/ul
RT: 10.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

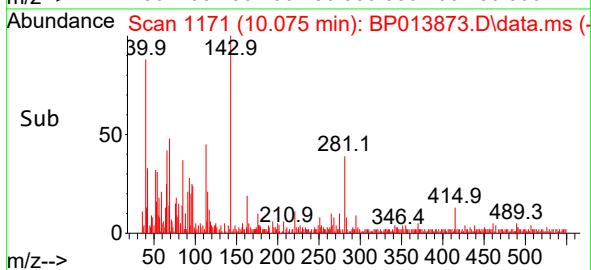
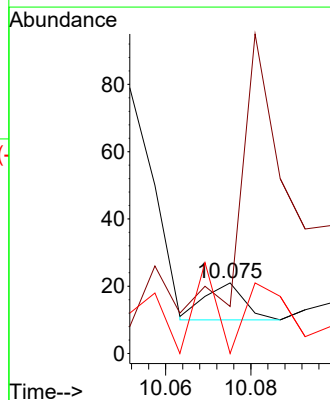
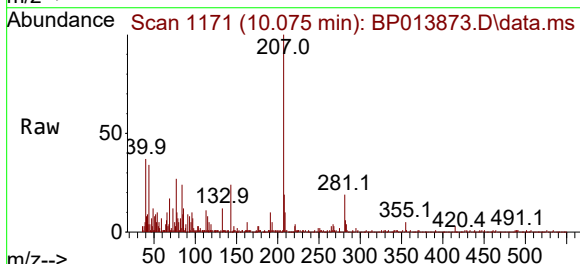
Instrument :
BNA_P
ClientSampleId :
SBLK981

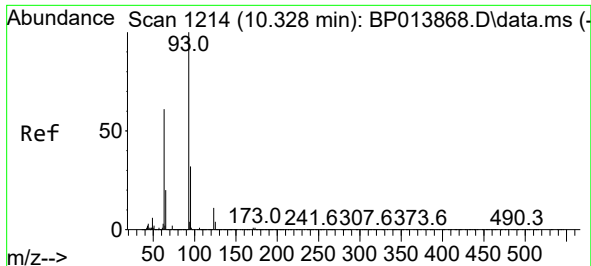
Tgt Ion:139 Resp: 14
Ion Ratio Lower Upper
139 100
65 2660.0 39.9 59.9#
109 586.7 27.4 41.0#



#26
2,4-Dimethylphenol
Concen: 0.001 ng/ul
RT: 10.075 min Scan# 1171
Delta R.T. -0.012 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:107 Resp: 7
Ion Ratio Lower Upper
107 100
121 66.7 37.8 56.6#
122 0.0 63.7 95.5#

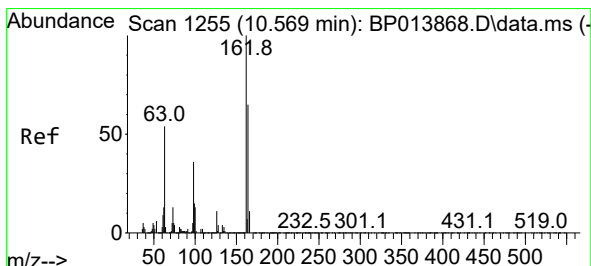
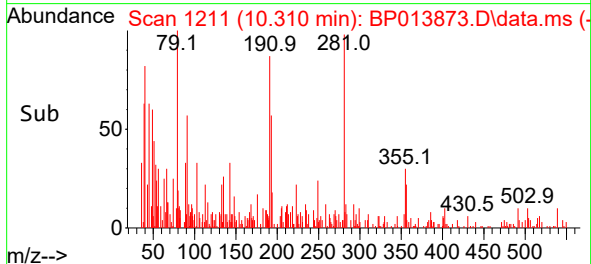
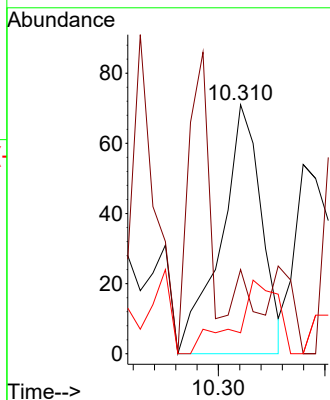
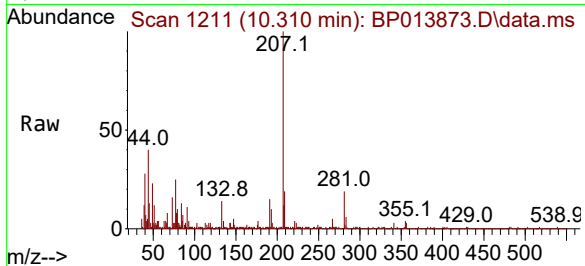




#27
Bis(2-Chloroethoxy)methane
Concen: 0.006 ng/ul
RT: 10.310 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

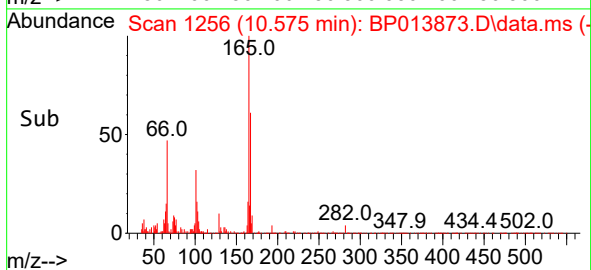
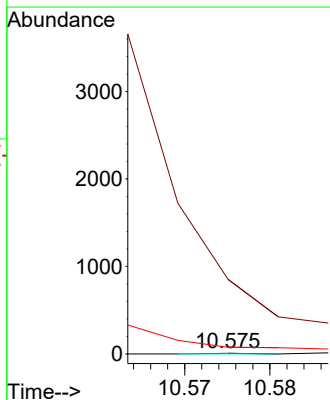
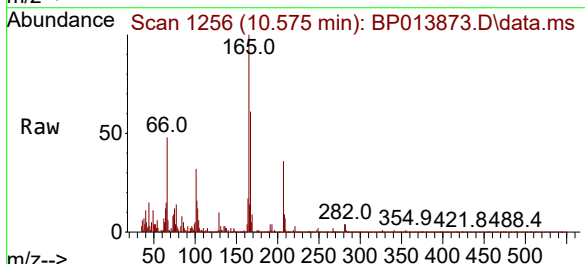
Instrument :
BNA_P
ClientSampleId :
SBLK981

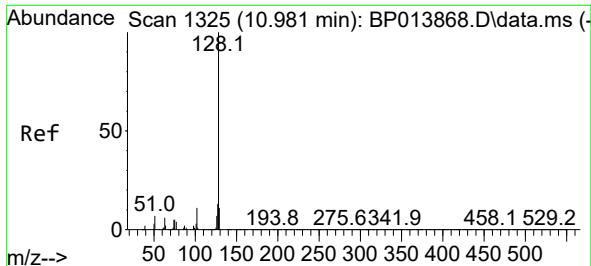
Tgt Ion: 93 Resp: 94
Ion Ratio Lower Upper
93 100
95 33.8 25.0 37.6
123 19.7 8.2 12.4#



#29
2,4-Dichlorophenol
Concen: 0.000 ng/ul
RT: 10.575 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:162 Resp: 3
Ion Ratio Lower Upper
162 100
164 10662.5 51.4 77.2#
98 950.0 27.5 41.3#

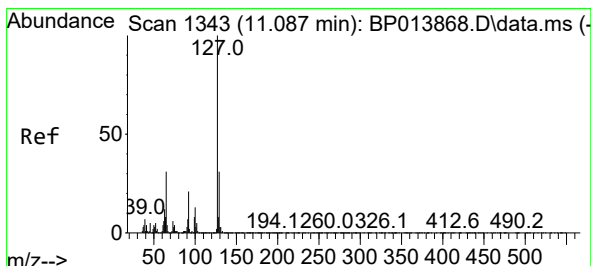
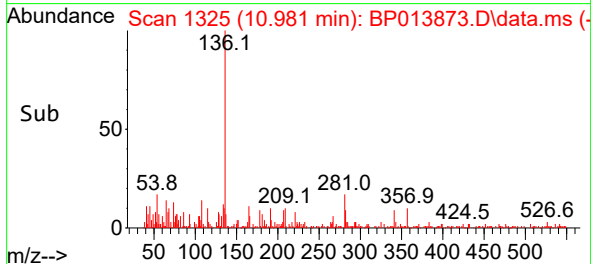
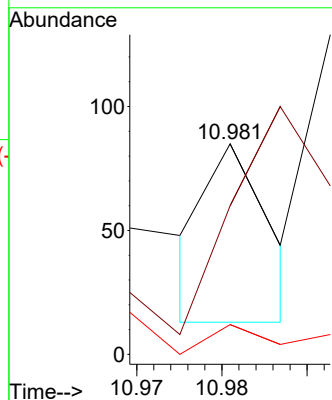
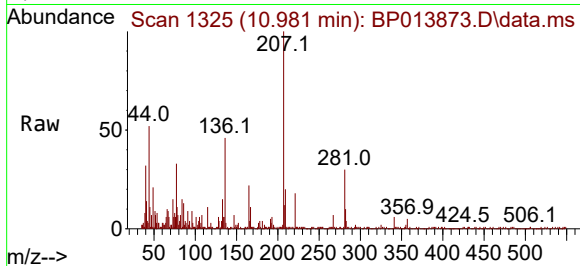




#30
Naphthalene
Concen: 0.001 ng/ul
RT: 10.981 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

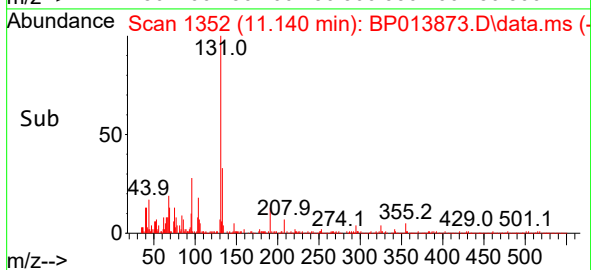
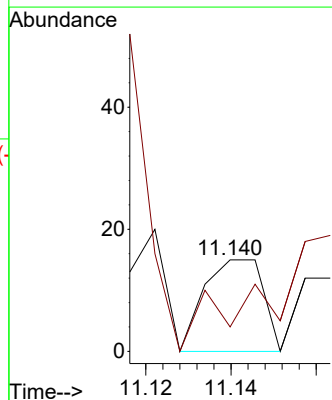
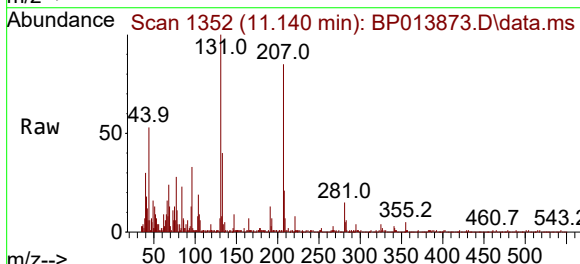
Instrument :
BNA_P
ClientSampleId :
SBLK981

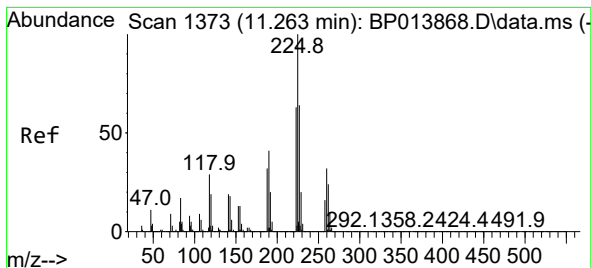
Tgt Ion:128 Resp: 36
Ion Ratio Lower Upper
128 100
129 70.6 8.6 12.8#
127 14.1 10.6 15.8



#32
4-Chloroaniline
Concen: 0.001 ng/ul
RT: 11.140 min Scan# 1352
Delta R.T. 0.053 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:127 Resp: 14
Ion Ratio Lower Upper
127 100
129 26.7 26.2 39.4





#33

Hexachlorobutadiene

Concen: 0.003 ng/ul

RT: 11.263 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

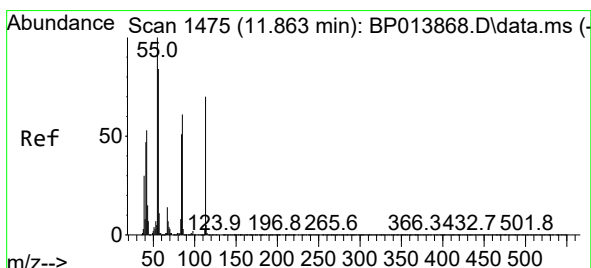
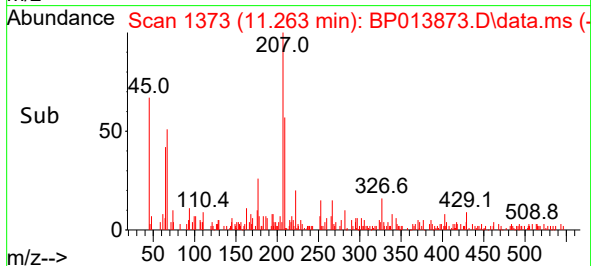
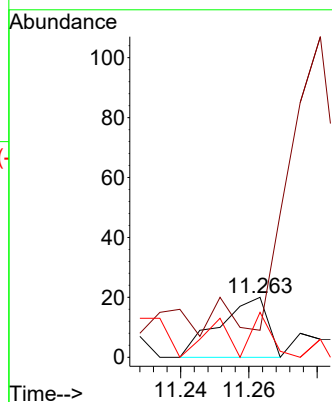
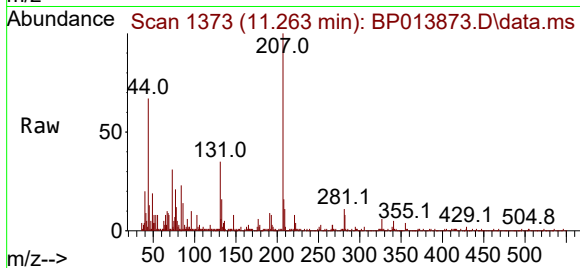
Tgt Ion:225 Resp: 20

Ion Ratio Lower Upper

225 100

223 45.0 50.6 76.0#

227 75.0 49.0 73.4#



#34

Caprolactam

Concen: 0.004 ng/ul

RT: 11.728 min Scan# 1452

Delta R.T. -0.135 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

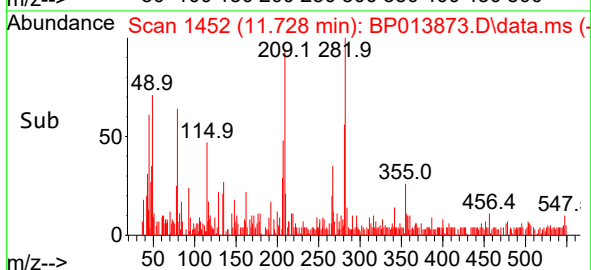
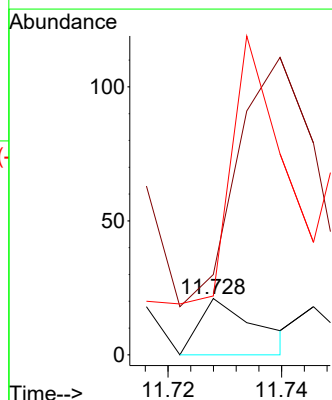
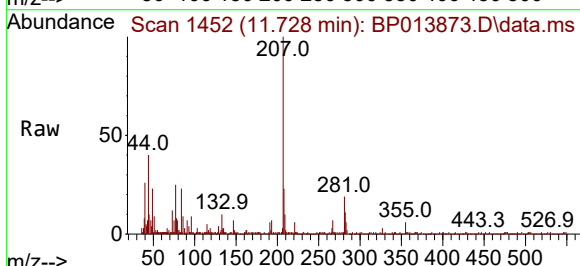
Tgt Ion:113 Resp: 15

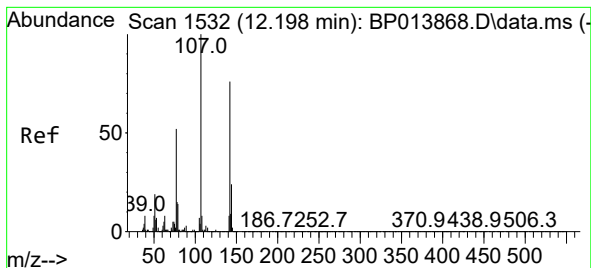
Ion Ratio Lower Upper

113 100

55 142.9 120.9 181.3

56 104.8 93.8 140.8

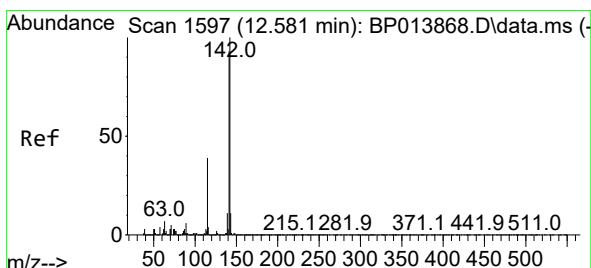
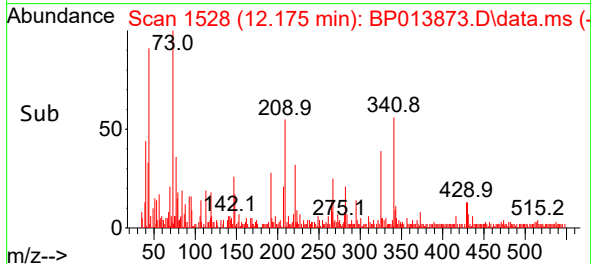
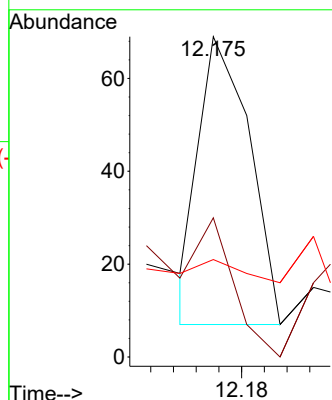
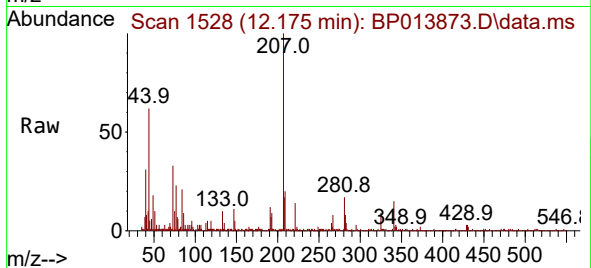




#35
4-Chloro-3-methylphenol
Concen: 0.003 ng/ul
RT: 12.175 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

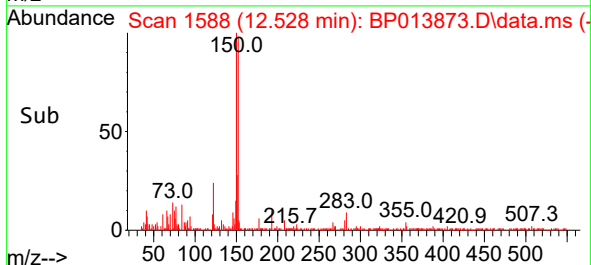
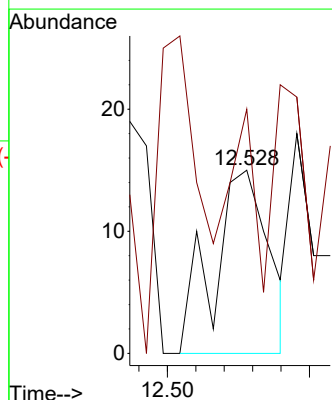
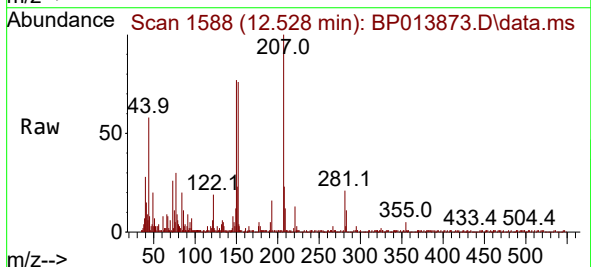
Instrument :
BNA_P
ClientSampleId :
SBLK981

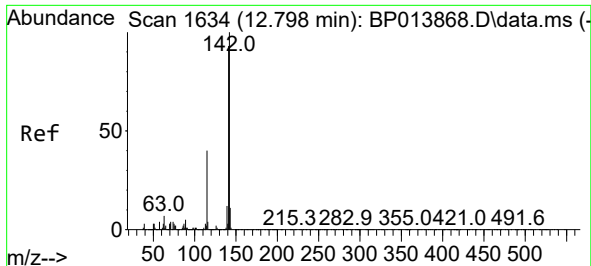
Tgt Ion:107 Resp: 38
Ion Ratio Lower Upper
107 100
144 43.5 20.0 30.0#
142 30.4 62.1 93.1#



#36
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.528 min Scan# 1588
Delta R.T. -0.053 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
141 100.0 72.8 109.2

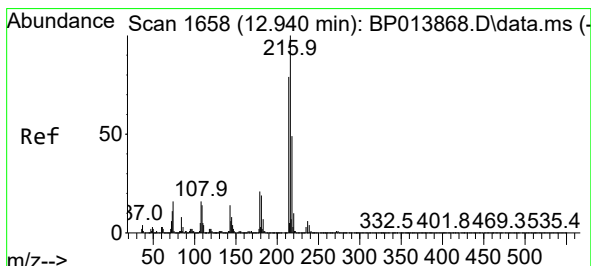
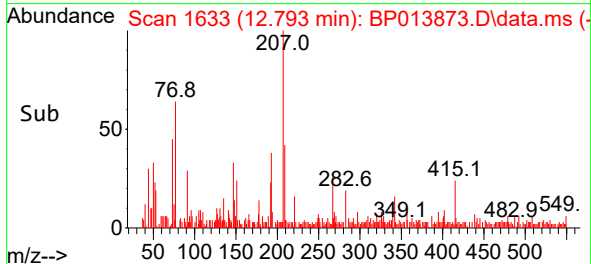
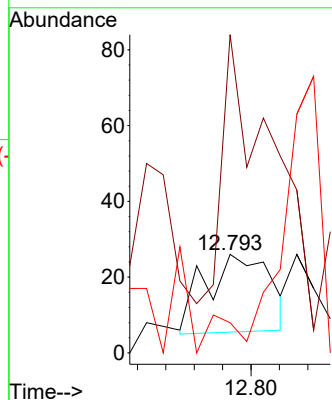
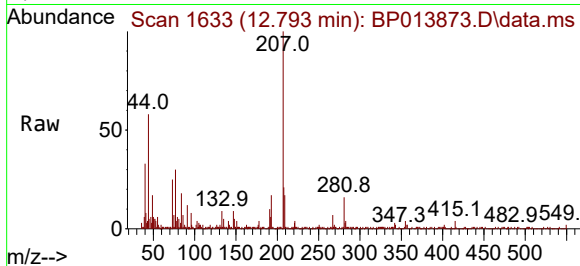




#37
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.793 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

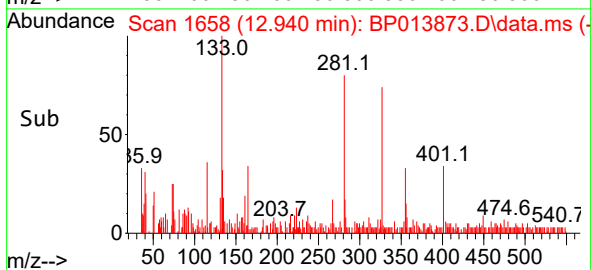
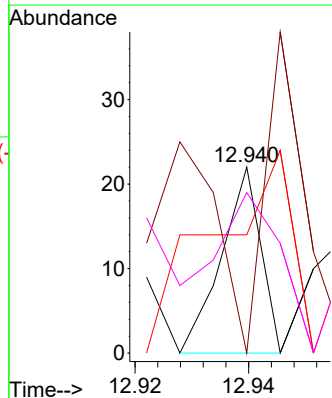
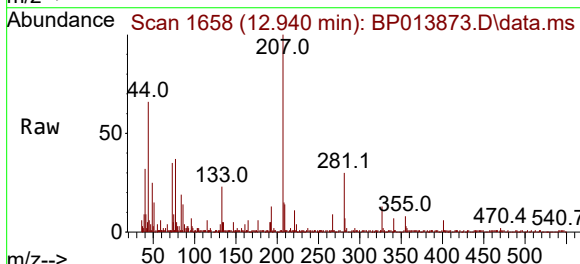
Instrument :
BNA_P
ClientSampleId :
SBLK981

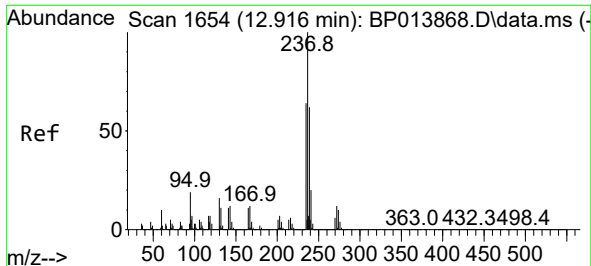
Tgt Ion:142 Resp: 32
Ion Ratio Lower Upper
142 100
141 323.1 74.2 111.2#
116 30.8 3.1 4.7#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.001 ng/ul
RT: 12.940 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:216 Resp: 11
Ion Ratio Lower Upper
216 100
214 54.5 62.6 93.8#
179 63.6 15.4 23.2#
108 86.4 12.7 19.1#

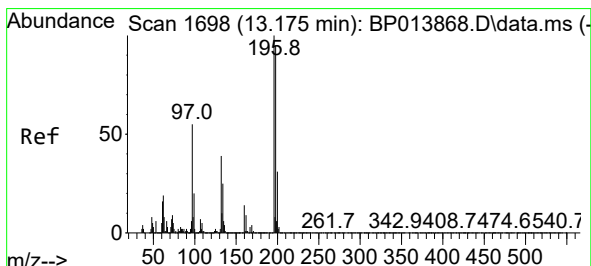
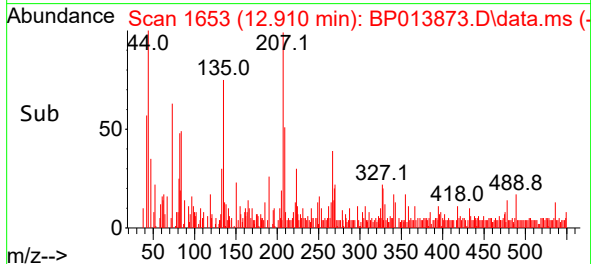
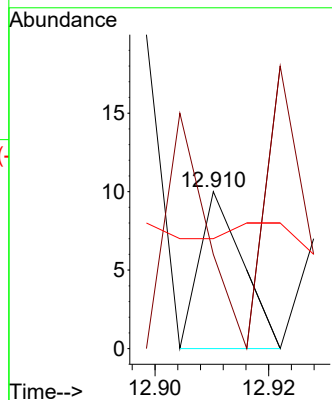
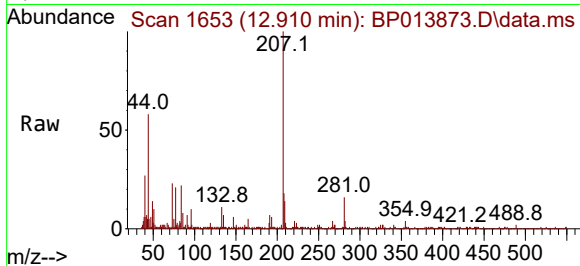




#40
Hexachlorocyclopentadiene
Concen: 0.001 ng/ul
RT: 12.910 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

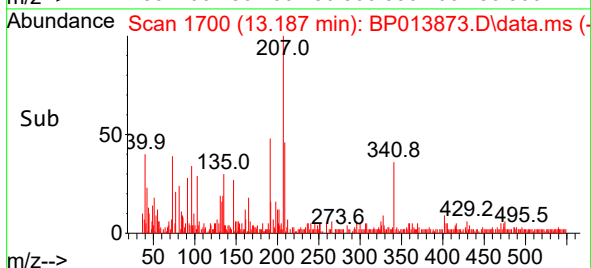
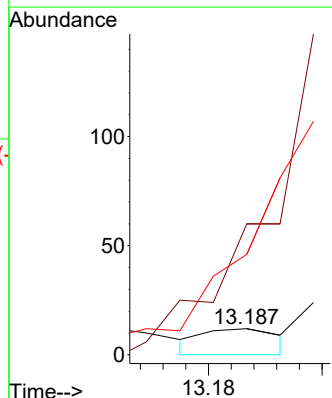
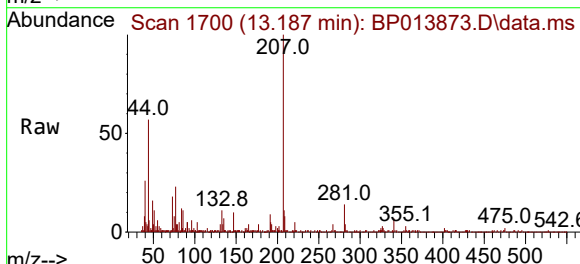
Instrument :
BNA_P
ClientSampleId :
SBLK981

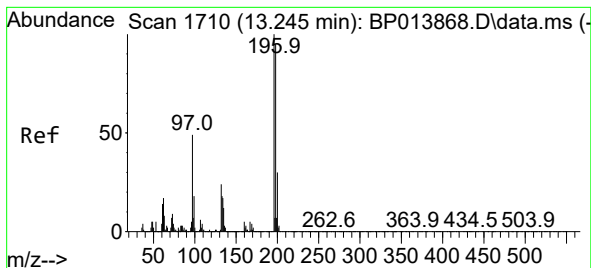
Tgt Ion:237	Resp:	5
Ion Ratio	Lower	Upper
237	100	
235	27.3	49.8 74.8#
272	31.8	10.1 15.1#



#41
2,4,6-Trichlorophenol
Concen: 0.001 ng/ul
RT: 13.187 min Scan# 1700
Delta R.T. 0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:196	Resp:	11	
Ion	Ratio	Lower	Upper
196	100		
198	500.0	75.1	112.7#
200	383.3	24.3	36.5#





#42

2,4,5-Trichlorophenol

Concen: 0.002 ng/ul

RT: 13.246 min Scan# 1710

Delta R.T. -0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

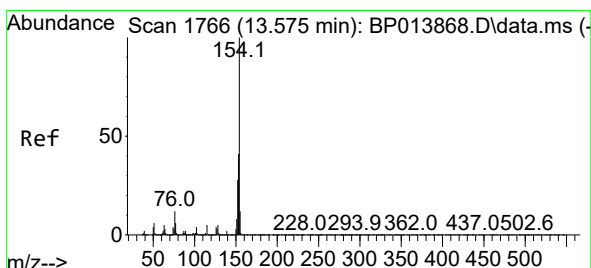
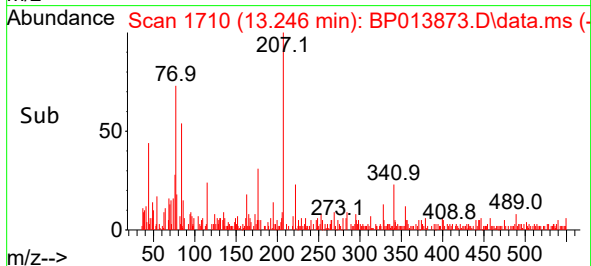
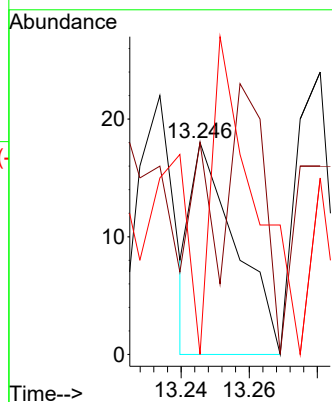
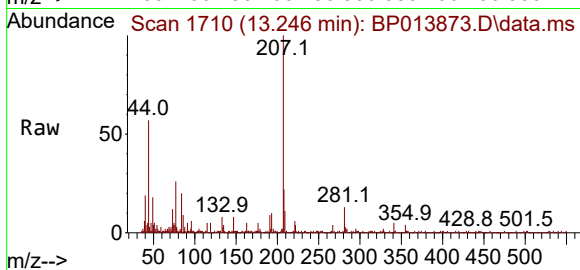
Tgt Ion:196 Resp: 16

Ion Ratio Lower Upper

196 100

198 105.6 77.0 115.4

200 0.0 25.8 38.6#



#43

1,1'-Biphenyl

Concen: 0.000 ng/ul

RT: 13.557 min Scan# 1763

Delta R.T. -0.024 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

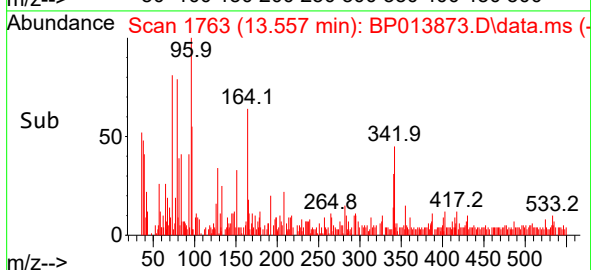
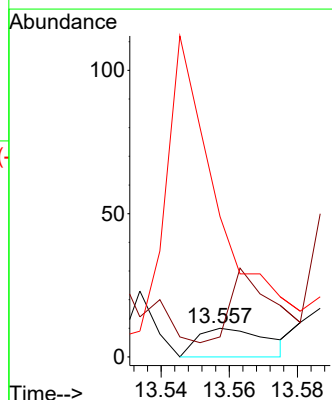
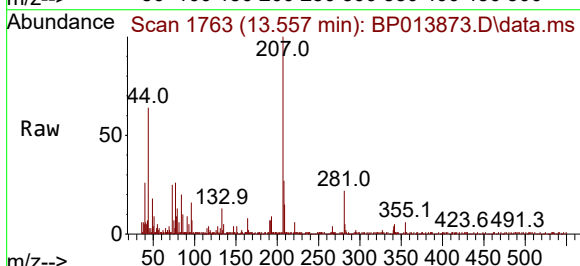
Tgt Ion:154 Resp: 14

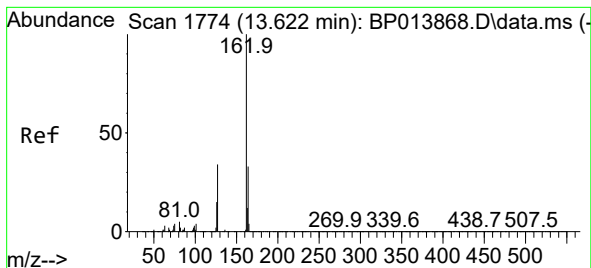
Ion Ratio Lower Upper

154 100

153 70.0 31.9 47.9#

76 490.0 9.9 14.9#





#44

2-Chloronaphthalene

Concen: 0.002 ng/ul

RT: 13.628 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

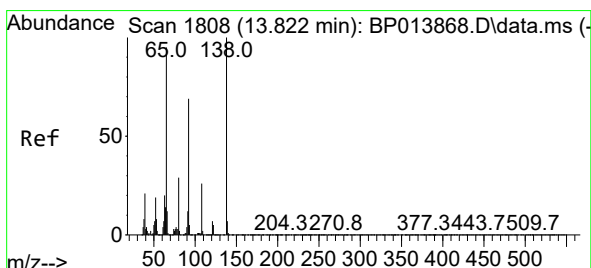
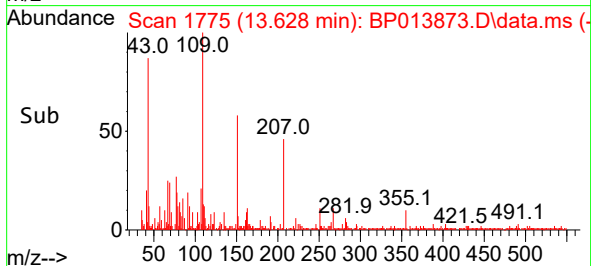
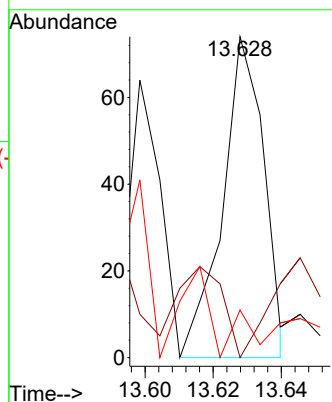
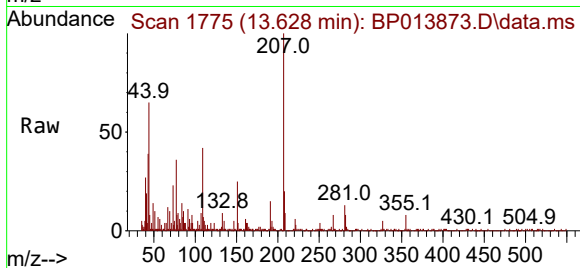
Tgt Ion:162 Resp: 62

Ion Ratio Lower Upper

162 100

164 0.0 26.1 39.1#

127 14.9 31.1 46.7#



#45

2-Nitroaniline

Concen: 0.005 ng/ul

RT: 13.816 min Scan# 1807

Delta R.T. -0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

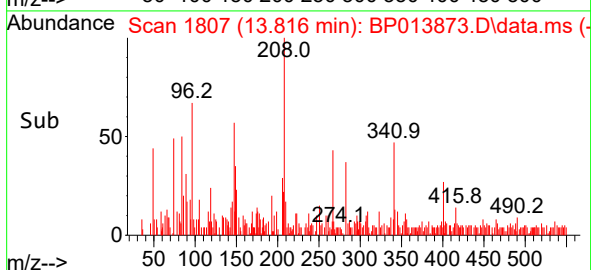
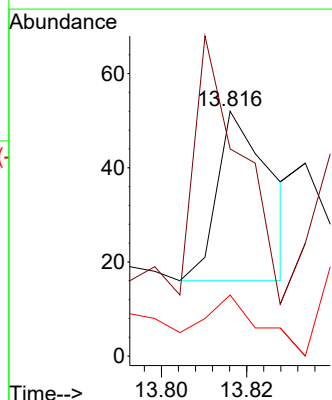
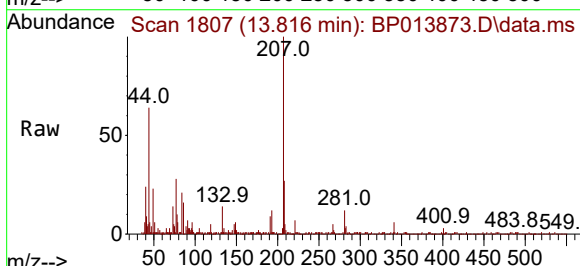
Tgt Ion: 65 Resp: 31

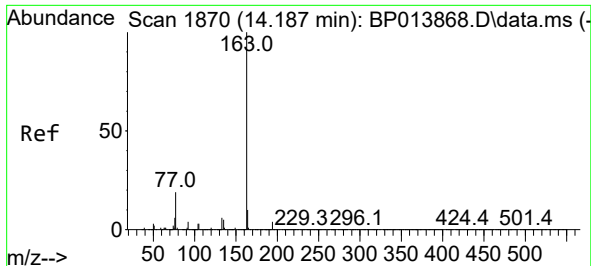
Ion Ratio Lower Upper

65 100

92 84.6 58.6 88.0

138 25.0 81.2 121.8#

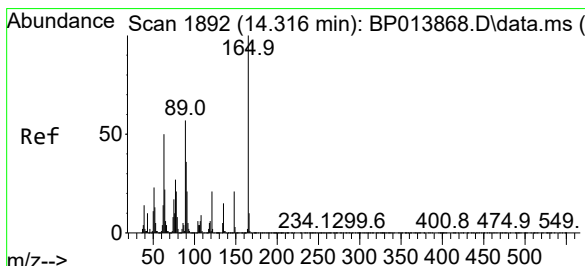
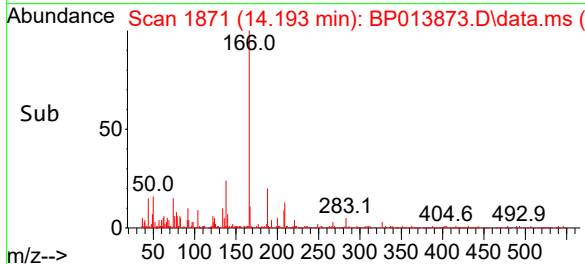
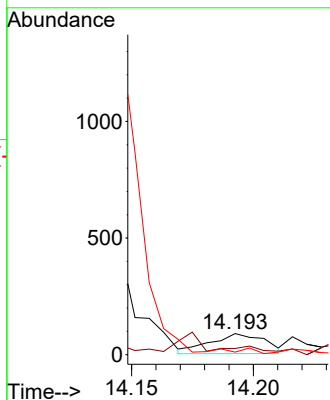
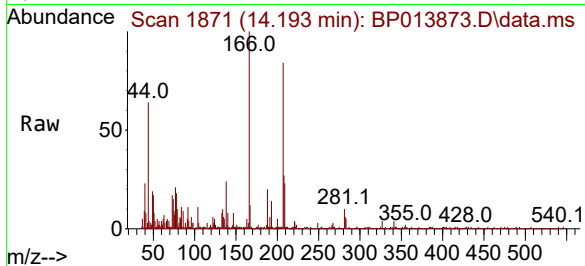




#47
Dimethylphthalate
Concen: 0.004 ng/ul
RT: 14.193 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

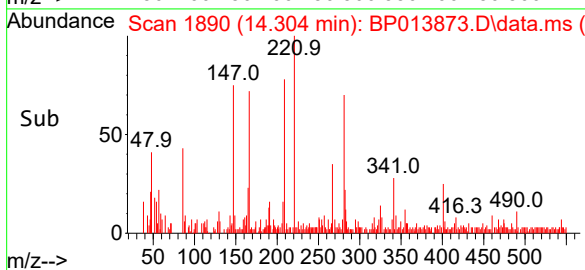
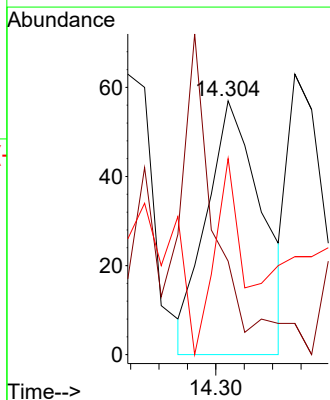
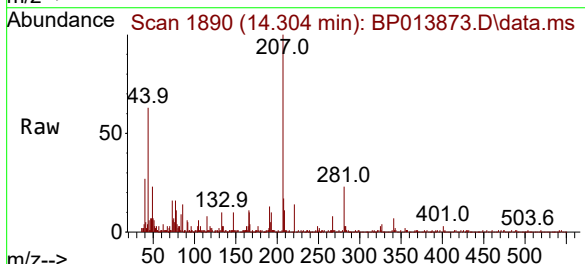
Instrument :
BNA_P
ClientSampleId :
SBLK981

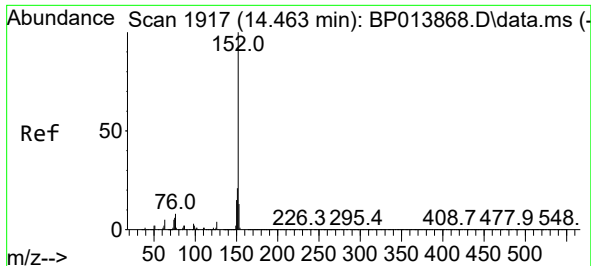
Tgt Ion:163 Resp: 133
Ion Ratio Lower Upper
163 100
194 29.7 3.4 5.2#
164 12.1 7.8 11.8#



#48
2,6-Dinitrotoluene
Concen: 0.013 ng/ul
RT: 14.304 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:165 Resp: 77
Ion Ratio Lower Upper
165 100
89 36.8 47.5 71.3#
121 77.2 16.6 24.8#

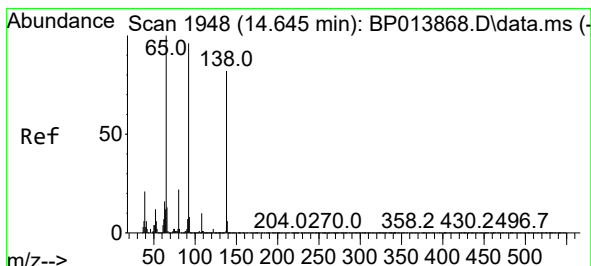
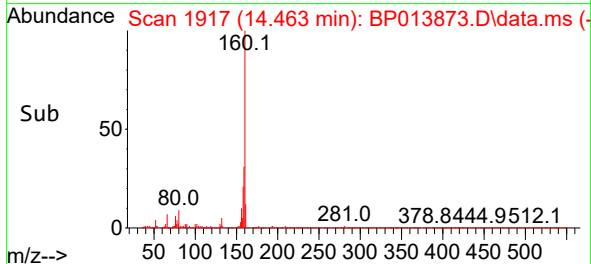
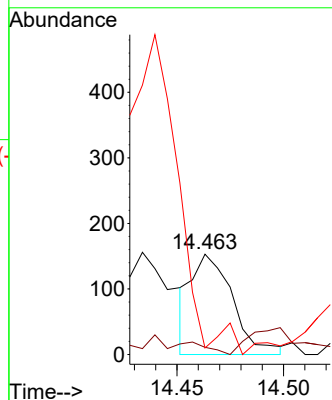
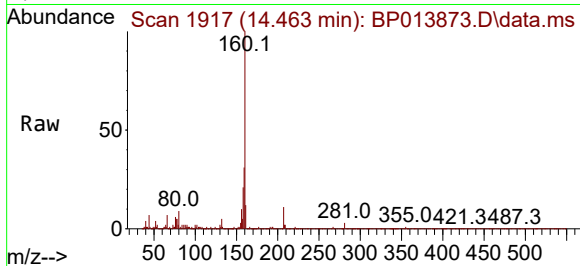




#50
Acenaphthylene
Concen: 0.005 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

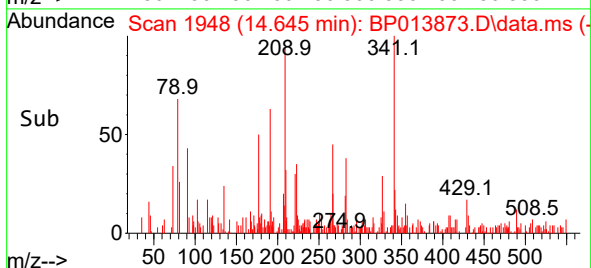
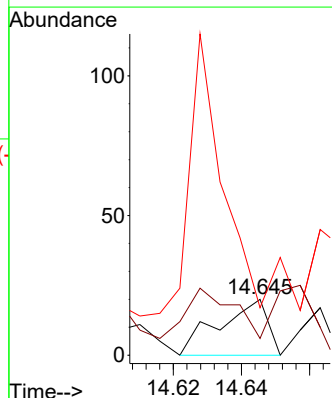
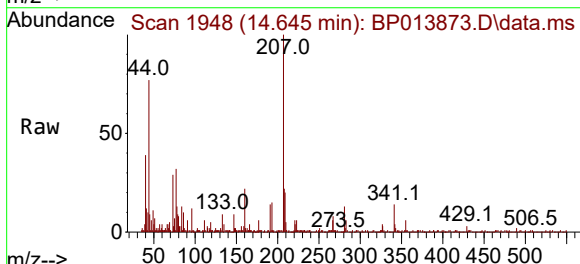
Instrument :
BNA_P
ClientSampleId :
SBLK981

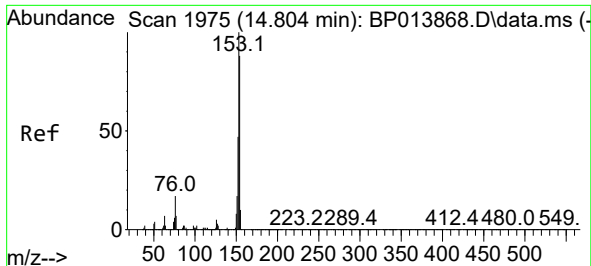
Tgt Ion:152 Resp: 205
Ion Ratio Lower Upper
152 100
151 7.2 15.8 23.6#
153 6.5 10.4 15.6#



#51
3-Nitroaniline
Concen: 0.003 ng/ul
RT: 14.645 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:138 Resp: 20
Ion Ratio Lower Upper
138 100
108 30.0 9.4 14.2#
92 85.0 97.4 146.0#

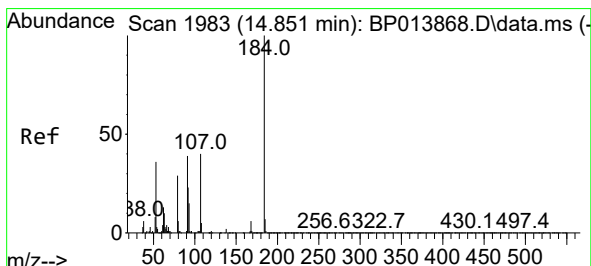
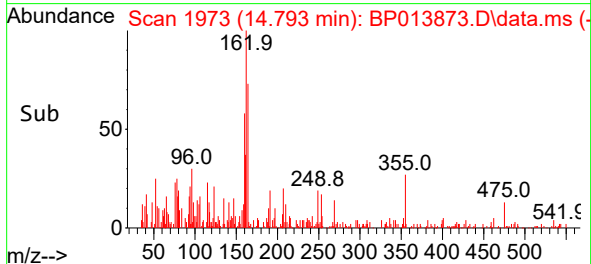
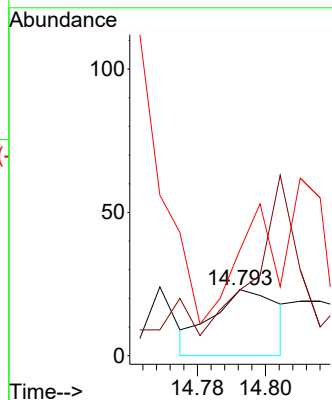
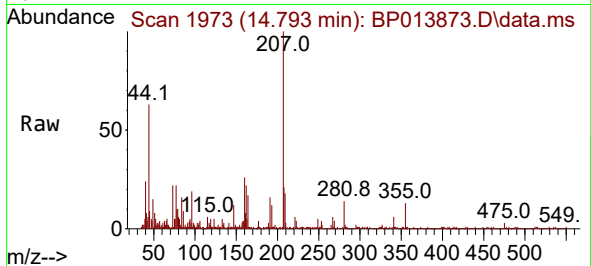




#52
Acenaphthene
Concen: 0.001 ng/ul
RT: 14.793 min Scan# 1973
Delta R.T. -0.018 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

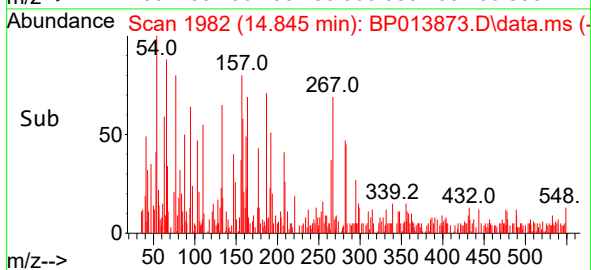
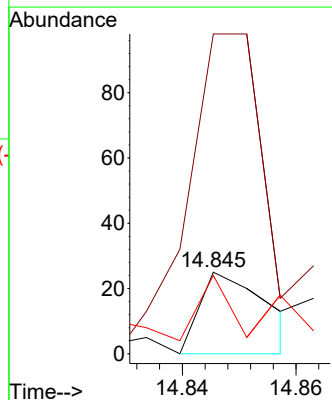
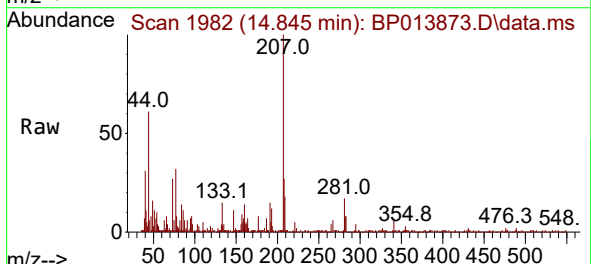
Instrument :
BNA_P
ClientSampleId :
SBLK981

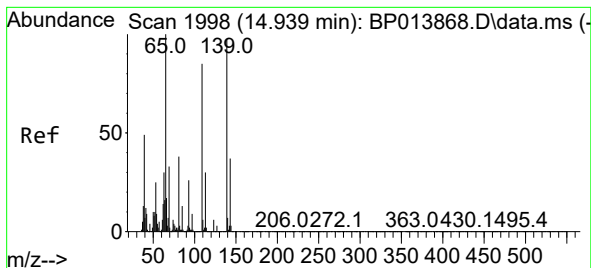
Tgt Ion:153 Resp: 31
Ion Ratio Lower Upper
153 100
152 100.0 37.4 56.0#
154 200.0 70.1 105.1#



#53
2,4-Dinitrophenol
Concen: 0.005 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 392.0 49.5 74.3#
154 96.0 54.3 81.5#

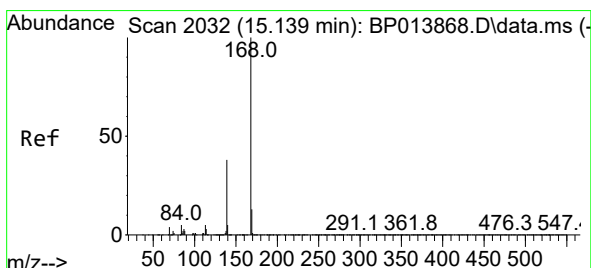
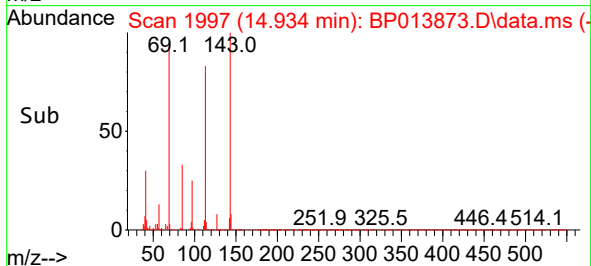
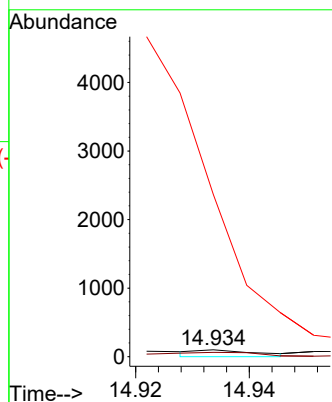
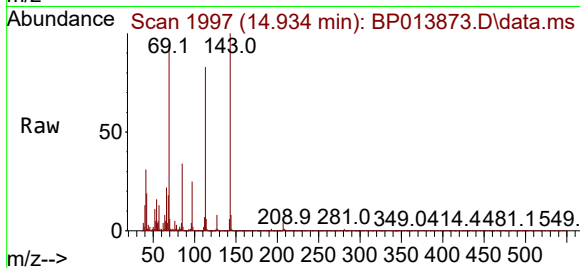




#55
4-Nitrophenol
Concen: 0.014 ng/ul
RT: 14.934 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

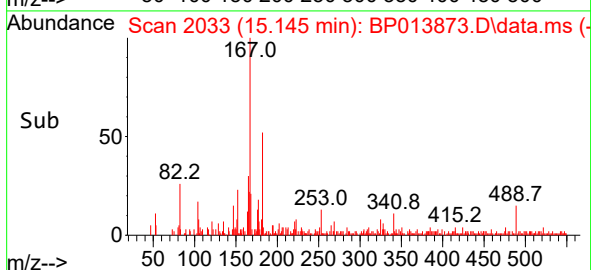
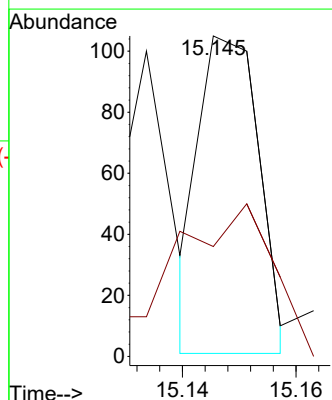
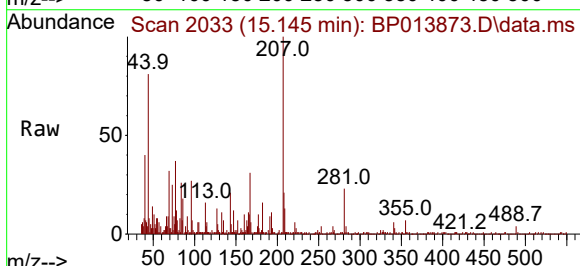
Instrument :
BNA_P
ClientSampleId :
SBLK981

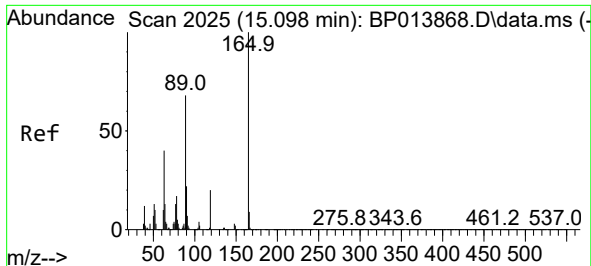
Tgt Ion:109 Resp: 72
Ion Ratio Lower Upper
109 100
139 63.0 96.0 144.0#
65 2366.0 95.8 143.6#



#56
Dibenzofuran
Concen: 0.002 ng/ul
RT: 15.145 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:168 Resp: 75
Ion Ratio Lower Upper
168 100
139 34.3 29.6 44.4

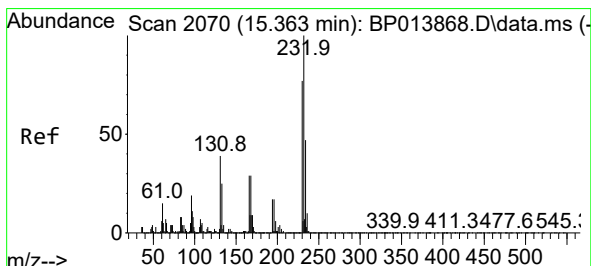
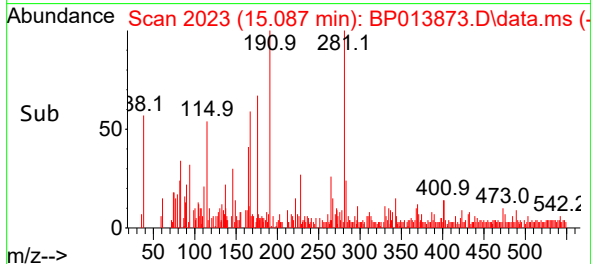
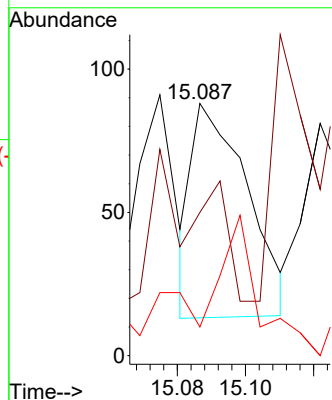
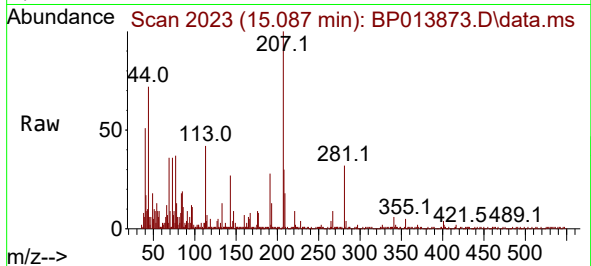




#57
2,4-Dinitrotoluene
Concen: 0.010 ng/ul
RT: 15.087 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

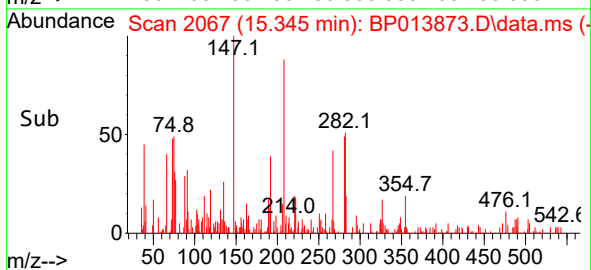
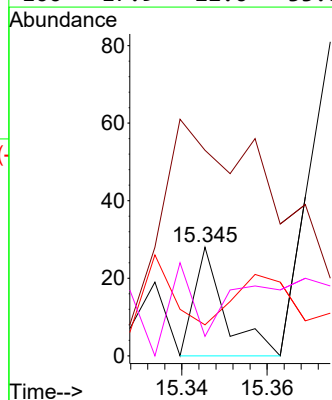
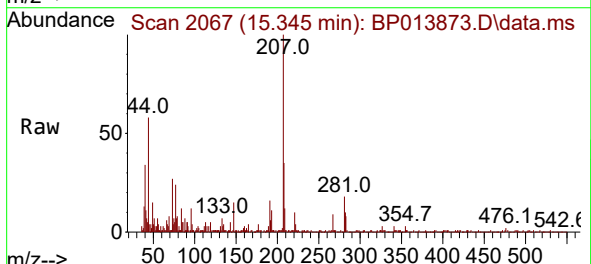
Instrument :
BNA_P
ClientSampleId :
SBLK981

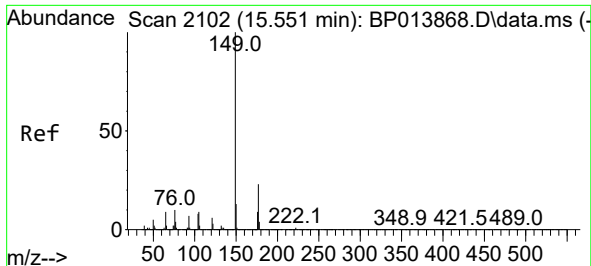
Tgt Ion:165 Resp: 85
Ion Ratio Lower Upper
165 100
63 56.8 32.0 48.0#
182 19.3 2.4 3.6#



#58
2,3,4,6-Tetrachlorophenol
Concen: 0.002 ng/ul
RT: 15.345 min Scan# 2067
Delta R.T. -0.018 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:232 Resp: 14
Ion Ratio Lower Upper
232 100
131 189.3 33.0 49.6#
130 28.6 1.5 2.3#
166 17.9 22.6 33.8#

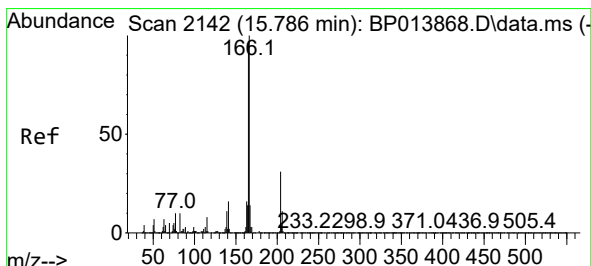
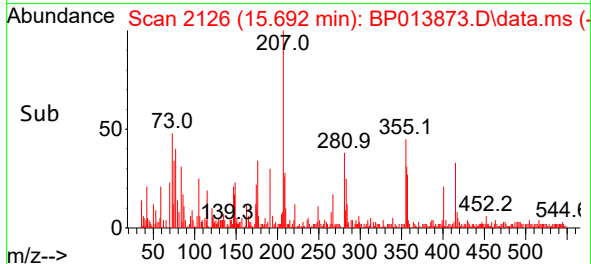
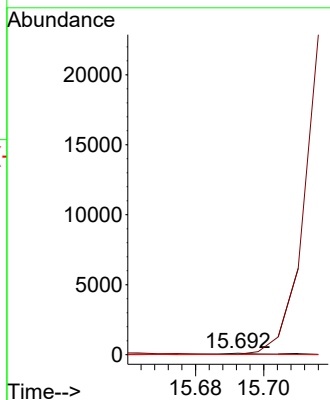
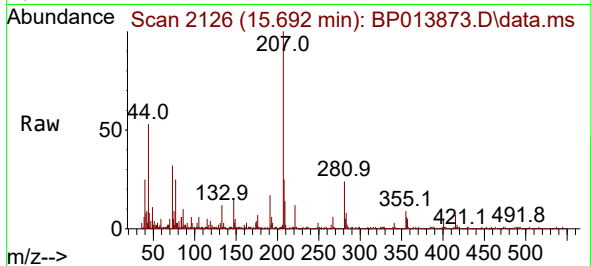




#59
Diethylphthalate
Concen: 0.002 ng/ul
RT: 15.692 min Scan# 2102
Delta R.T. 0.141 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

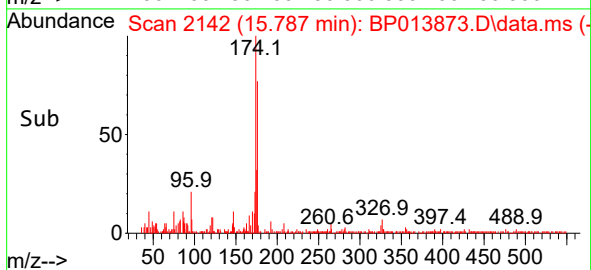
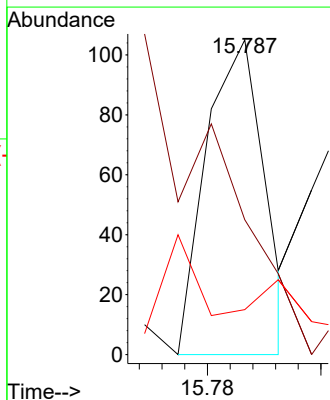
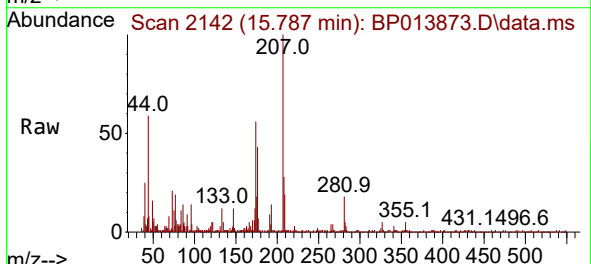
Instrument :
BNA_P
ClientSampleId :
SBLK981

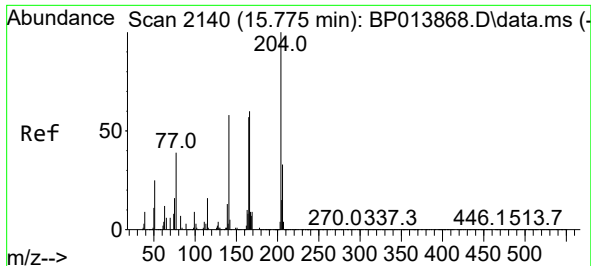
Tgt Ion:149 Resp: 65
Ion Ratio Lower Upper
149 100
177 24.0 17.8 26.8
150 11.0 10.1 15.1



#61
Fluorene
Concen: 0.002 ng/ul
RT: 15.787 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:166 Resp: 76
Ion Ratio Lower Upper
166 100
165 42.9 79.1 118.7#
167 14.3 10.8 16.2

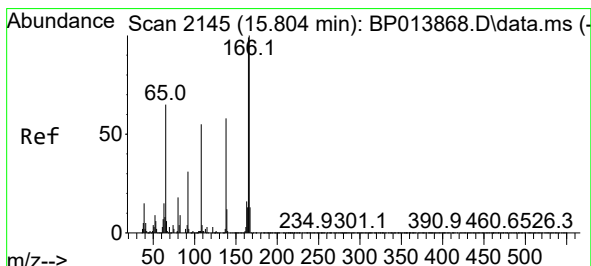
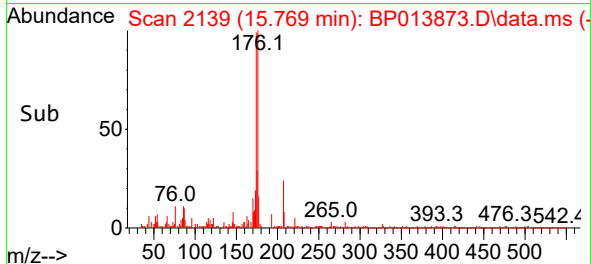
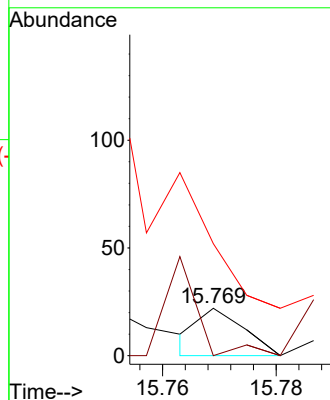
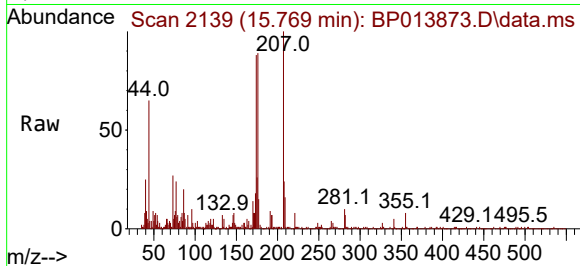




#62
4-Chlorophenyl-phenylether
Concen: 0.001 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

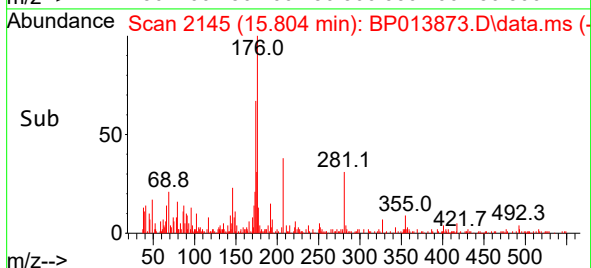
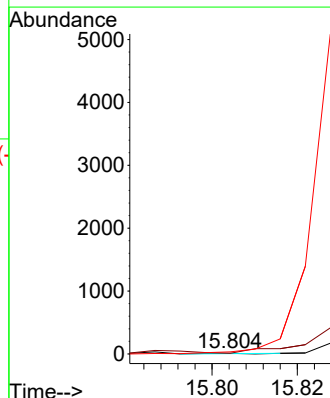
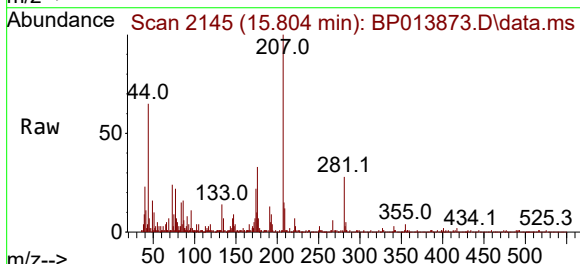
Instrument :
BNA_P
ClientSampleId :
SBLK981

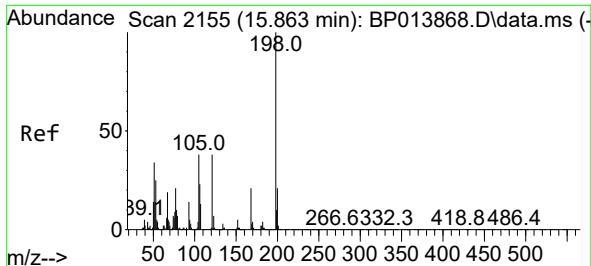
Tgt Ion:204 Resp: 12
Ion Ratio Lower Upper
204 100
206 0.0 26.7 40.1#
141 236.4 44.6 66.8#



#63
4-Nitroaniline
Concen: 0.000 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:138 Resp: 2
Ion Ratio Lower Upper
138 100
92 90.9 43.8 65.8#
108 309.1 69.8 104.6#

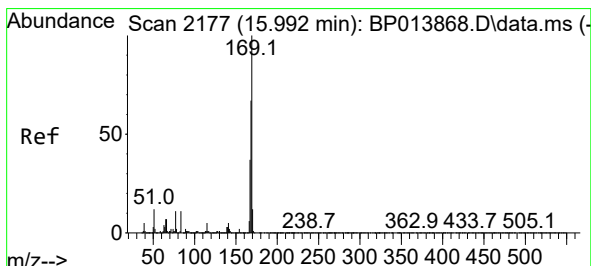
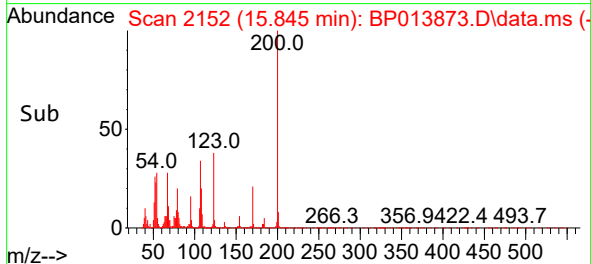
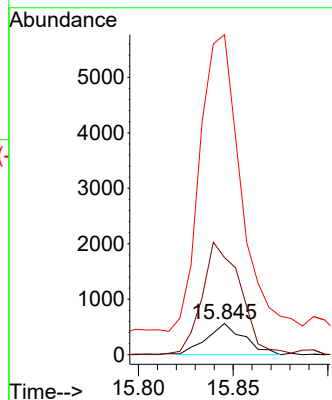
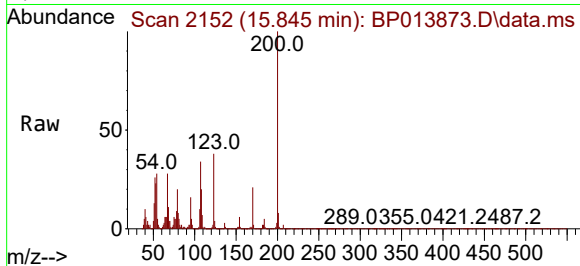




#66
4,6-Dinitro-2-methylphenol
Concen: 0.138 ng/ul
RT: 15.845 min Scan# 2152
Delta R.T. -0.018 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

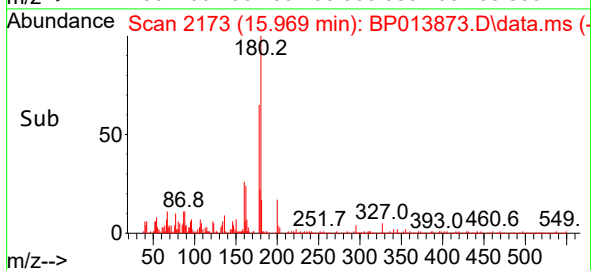
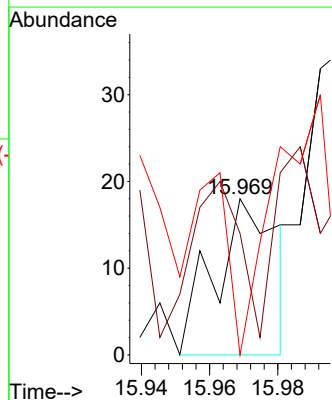
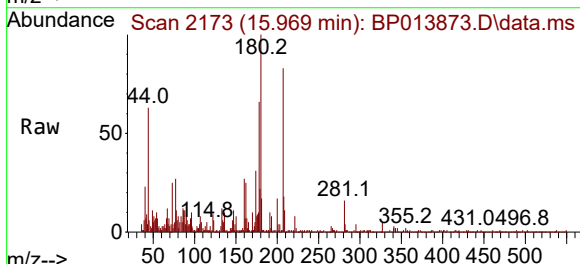
Instrument :
BNA_P
ClientSampleId :
SBLK981

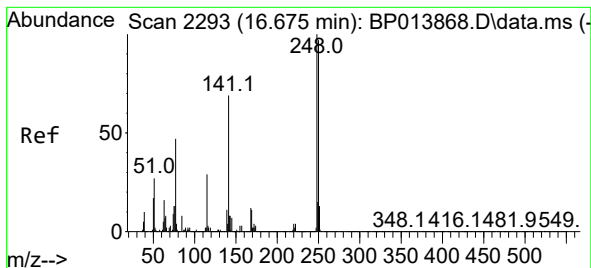
Tgt Ion:198 Resp: 772
Ion Ratio Lower Upper
198 100
182 310.6 4.1 6.1#
77 1023.0 20.3 30.5#



#67
N-Nitrosodiphenylamine
Concen: 0.001 ng/ul
RT: 15.969 min Scan# 2173
Delta R.T. -0.024 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:169 Resp: 23
Ion Ratio Lower Upper
169 100
168 77.8 53.5 80.3
167 38.9 29.8 44.6





#68

4-Bromophenyl-phenylether

Concen: 0.002 ng/ul

RT: 16.498 min Scan# 21

Delta R.T. -0.176 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

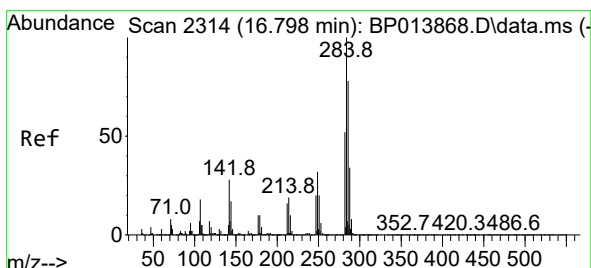
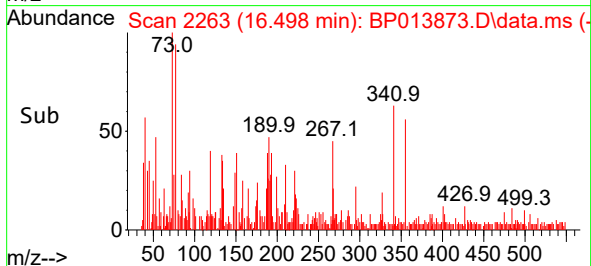
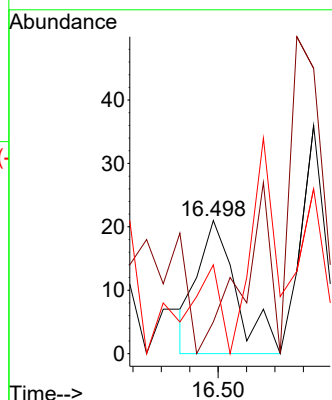
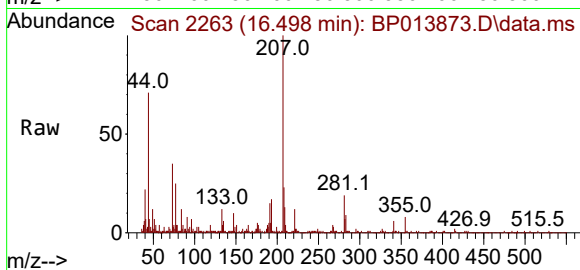
Tgt Ion:248 Resp: 20

Ion Ratio Lower Upper

248 100

250 109.5 76.0 114.0

141 66.7 56.0 84.0



#69

Hexachlorobenzene

Concen: 0.003 ng/ul

RT: 16.787 min Scan# 2312

Delta R.T. -0.012 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

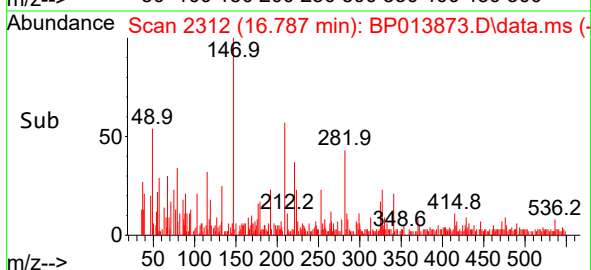
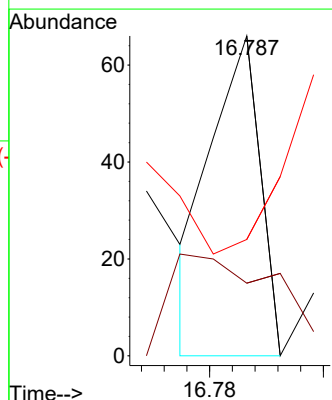
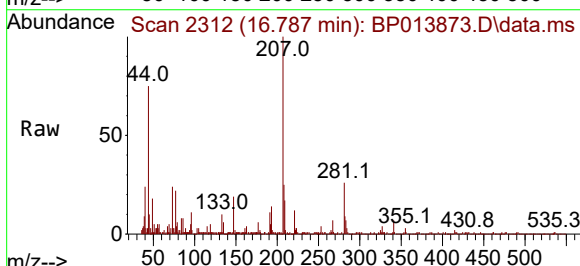
Tgt Ion:284 Resp: 39

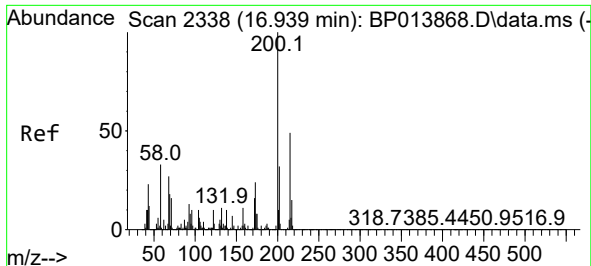
Ion Ratio Lower Upper

284 100

142 22.7 25.0 37.4#

249 36.4 24.9 37.3

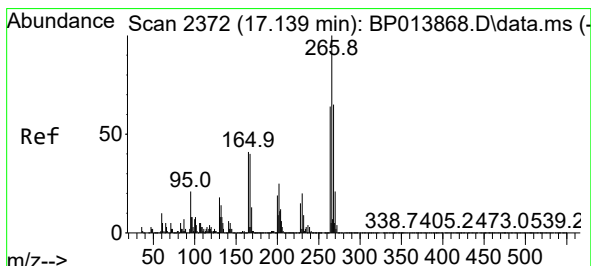
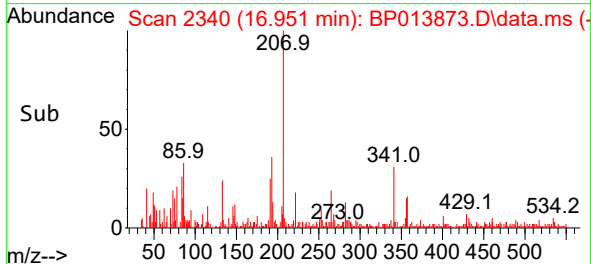
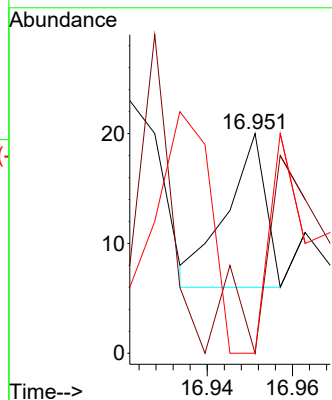
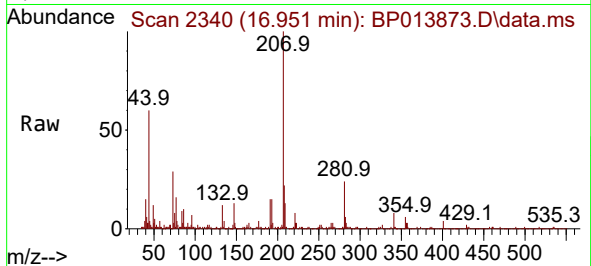




#70
Atrazine
Concen: 0.001 ng/ul
RT: 16.951 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

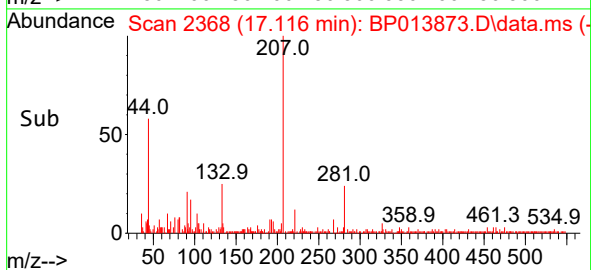
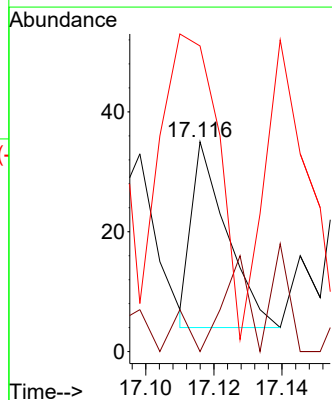
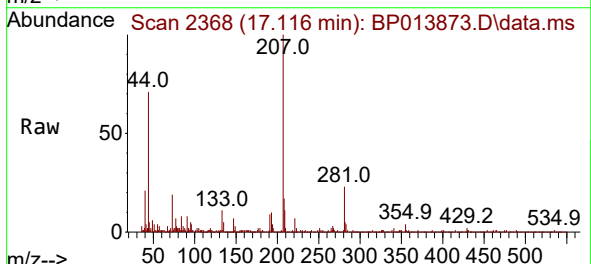
Instrument :
BNA_P
ClientSampleId :
SBLK981

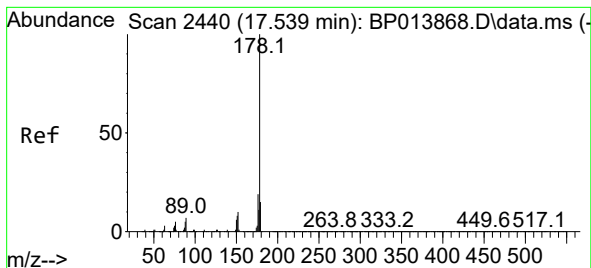
Tgt Ion:200 Resp: 9
Ion Ratio Lower Upper
200 100
173 0.0 20.4 30.6#
215 0.0 39.3 58.9#



#71
Pentachlorophenol
Concen: 0.003 ng/ul
RT: 17.116 min Scan# 2368
Delta R.T. -0.024 min
Lab File: BP013873.D
Acq: 22 Feb 2023 13:29

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 0.0 50.5 75.7#
268 145.7 51.0 76.6#





#72

Phenanthrene

Concen: 0.003 ng/ul

RT: 17.539 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

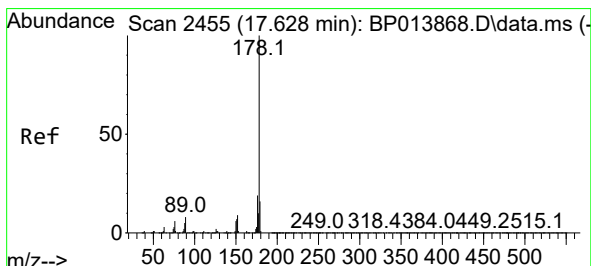
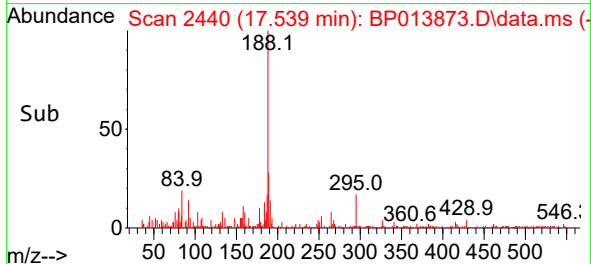
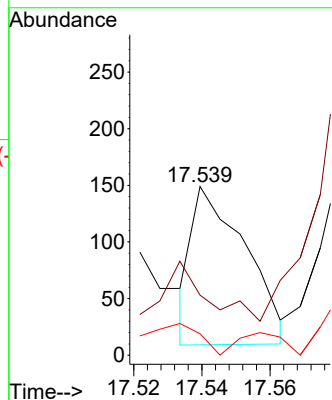
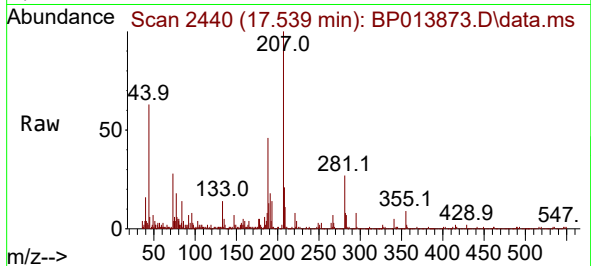
Tgt Ion:178 Resp: 153

Ion Ratio Lower Upper

178 100

179 35.6 12.2 18.2#

176 12.8 15.2 22.8#



#74

Anthracene

Concen: 0.002 ng/ul

RT: 17.639 min Scan# 2457

Delta R.T. 0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

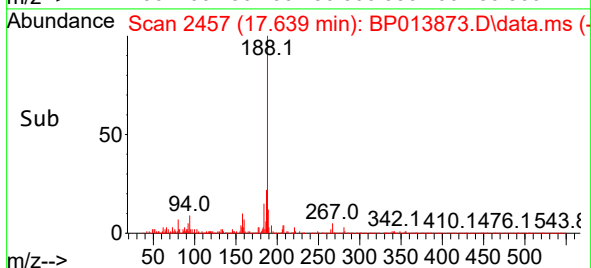
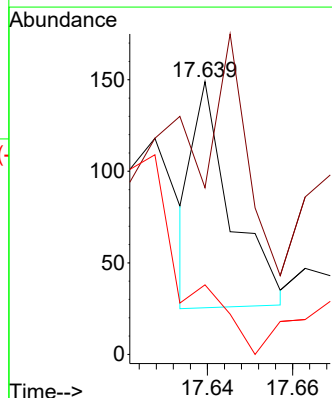
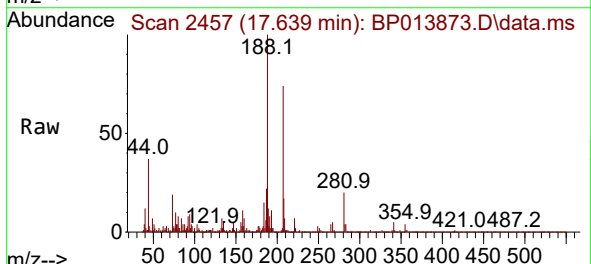
Tgt Ion:178 Resp: 75

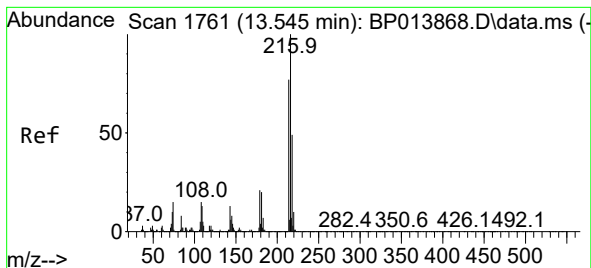
Ion Ratio Lower Upper

178 100

179 61.1 12.2 18.4#

176 25.5 15.0 22.4#





#75

1,2,3,4-Tetrachlorobenzene

Concen: 0.001 ng/uL

RT: 13.546 min Scan# 1761

Delta R.T. 0.000 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

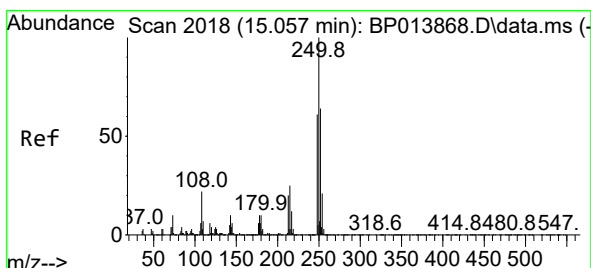
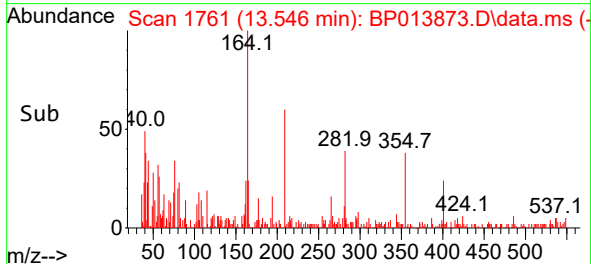
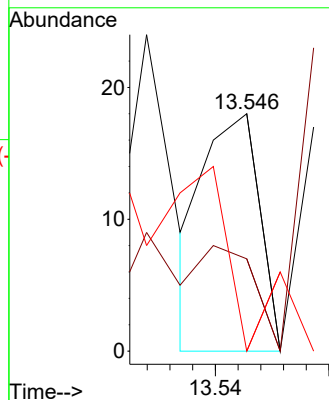
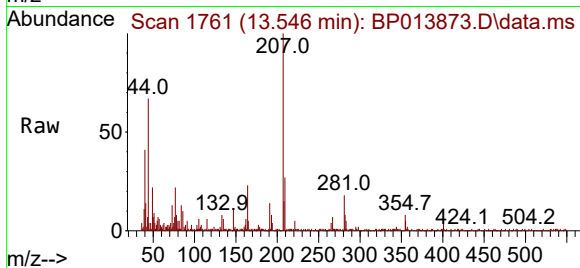
Tgt Ion:216 Resp: 12

Ion Ratio Lower Upper

216 100

214 38.9 62.6 94.0#

218 0.0 39.0 58.4#



#76

Pentachlorobenzene

Concen: 0.001 ng/uL

RT: 15.057 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

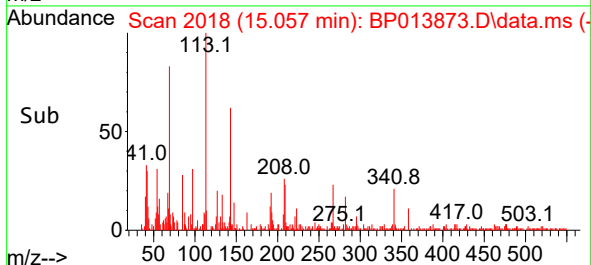
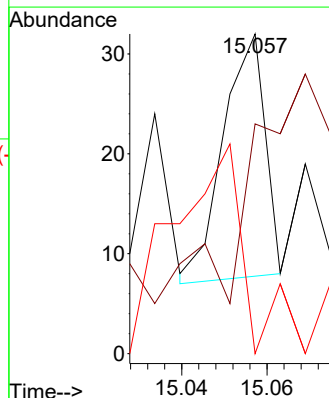
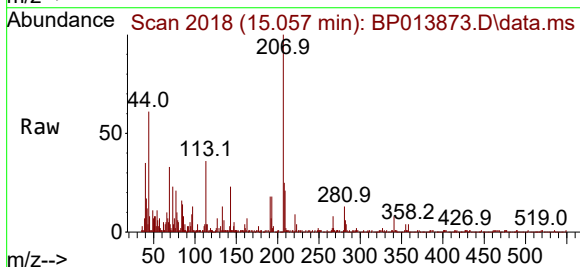
Tgt Ion:250 Resp: 17

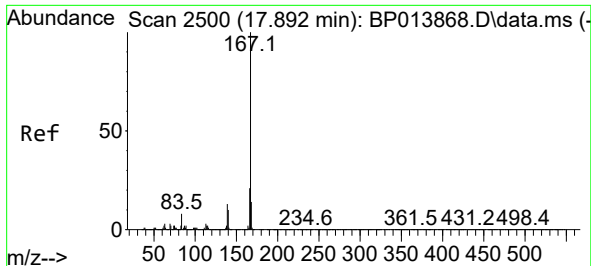
Ion Ratio Lower Upper

250 100

248 71.9 51.1 76.7

252 0.0 51.0 76.6#

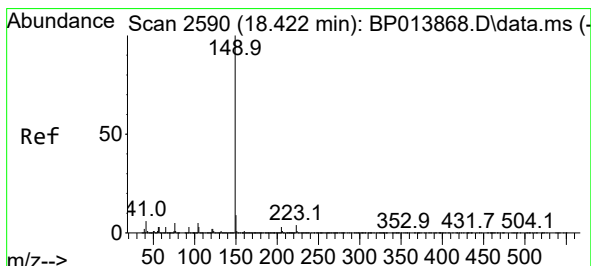
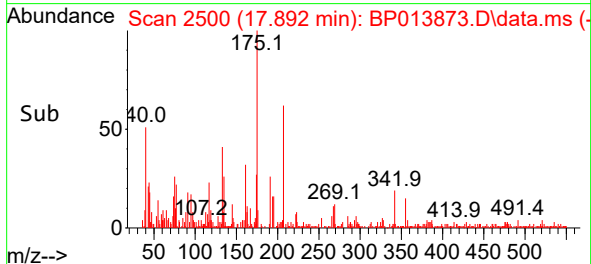
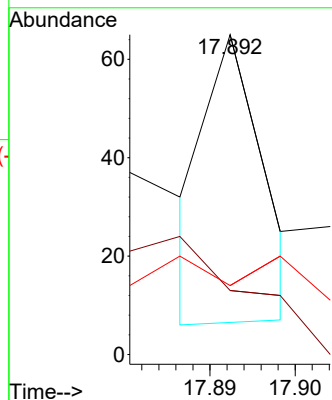
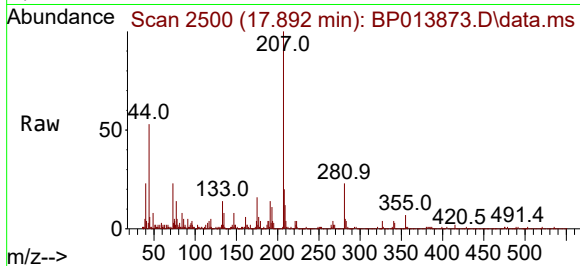




#77
 Carbazole
 Concen: 0.001 ng/ul
 RT: 17.892 min Scan# 2500
 Delta R.T. -0.006 min
 Lab File: BP013873.D
 Acq: 22 Feb 2023 13:29

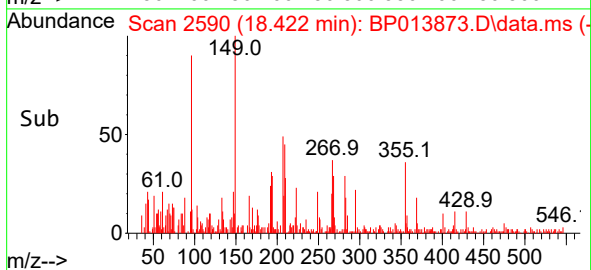
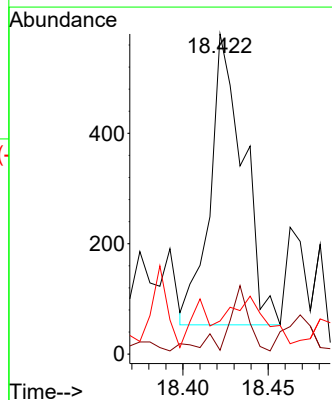
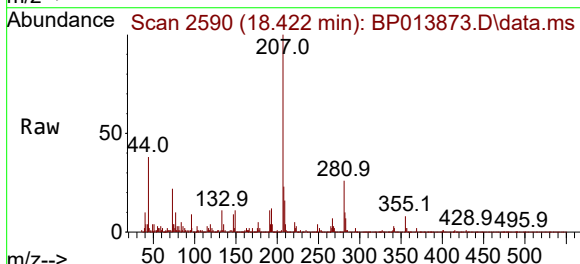
Instrument :
 BNA_P
 ClientSampleId :
 SBLK981

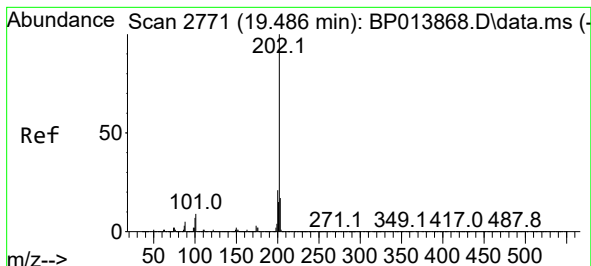
Tgt Ion:	167	Resp:	27
Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.3	25.9
139	21.5	10.4	15.6#



#78
 Di-n-butylphthalate
 Concen: 0.014 ng/ul
 RT: 18.422 min Scan# 2590
 Delta R.T. -0.006 min
 Lab File: BP013873.D
 Acq: 22 Feb 2023 13:29

Tgt Ion:	149	Resp:	717
Ion	Ratio	Lower	Upper
149	100		
150	1.2	7.1	10.7#
104	10.3	4.1	6.1#





#80

Fluoranthene

Concen: 0.007 ng/ul

RT: 19.486 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

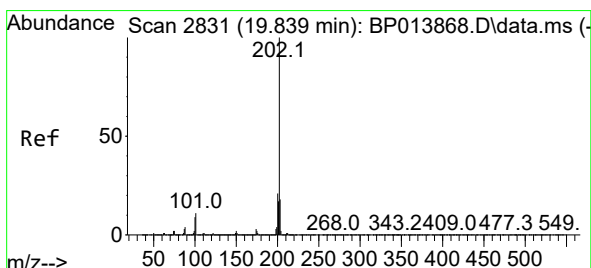
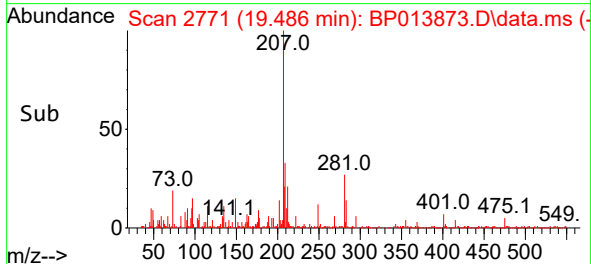
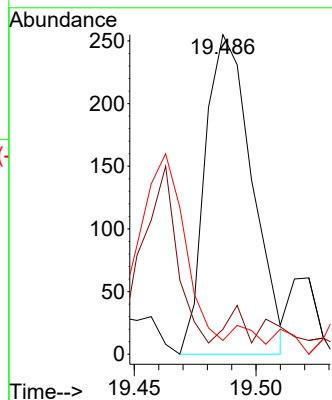
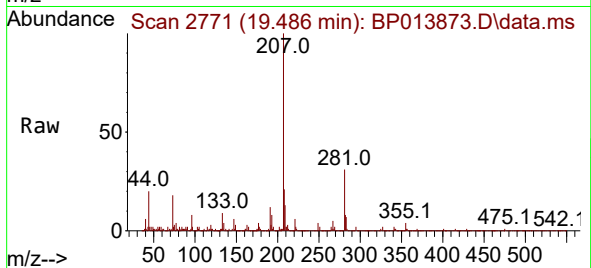
Tgt Ion:202 Resp: 341

Ion Ratio Lower Upper

202 100

101 7.8 8.6 12.8#

100 4.3 6.3 9.5#



#82

Pyrene

Concen: 0.000 ng/ul

RT: 19.980 min Scan# 2855

Delta R.T. 0.135 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

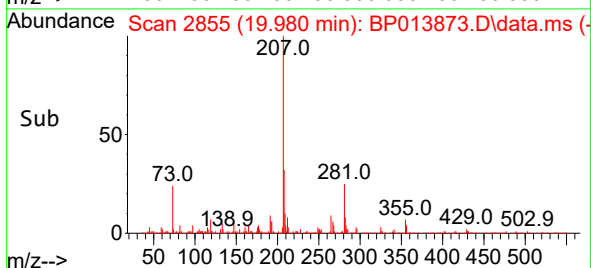
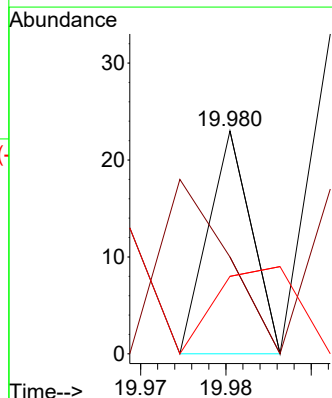
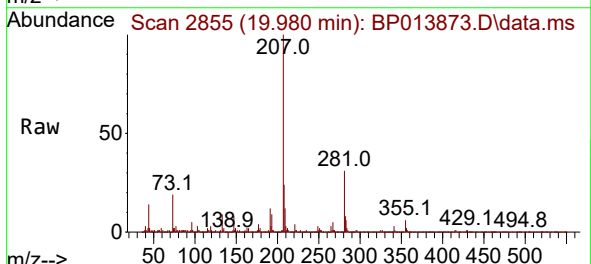
Tgt Ion:202 Resp: 8

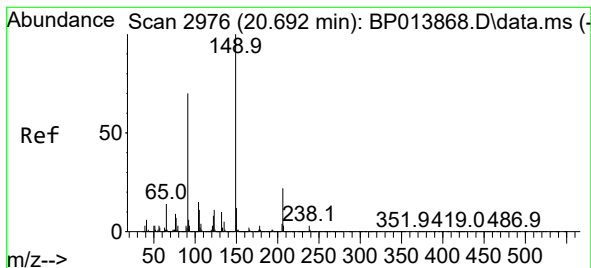
Ion Ratio Lower Upper

202 100

101 10.9 10.3 15.5

100 8.7 8.5 12.7





#83

Butylbenzylphthalate

Concen: 0.031 ng/ul

RT: 20.692 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

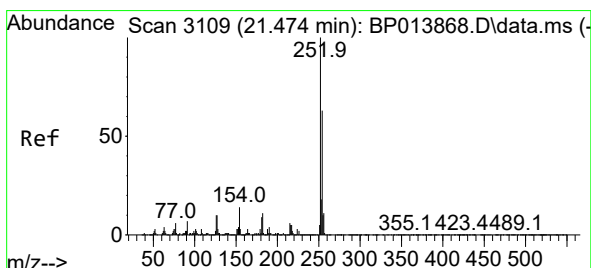
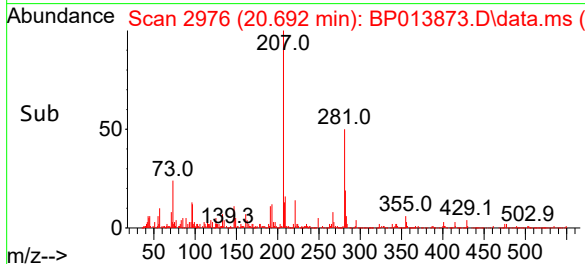
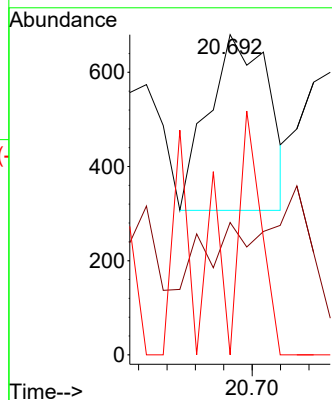
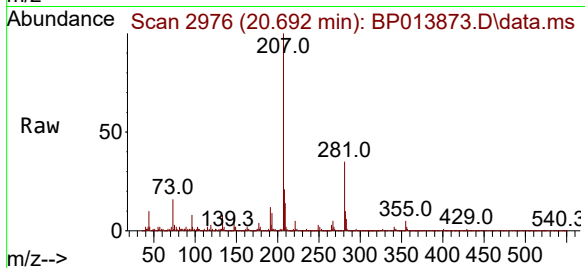
Tgt Ion:149 Resp: 548

Ion Ratio Lower Upper

149 100

91 41.3 57.7 86.5#

206 0.0 16.7 25.1#



#84

3,3'-Dichlorobenzidine

Concen: 0.008 ng/ul

RT: 21.480 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

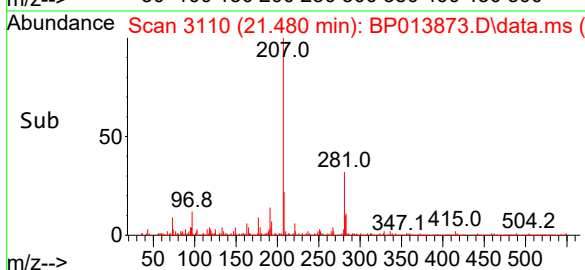
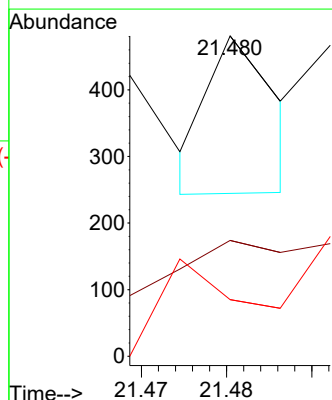
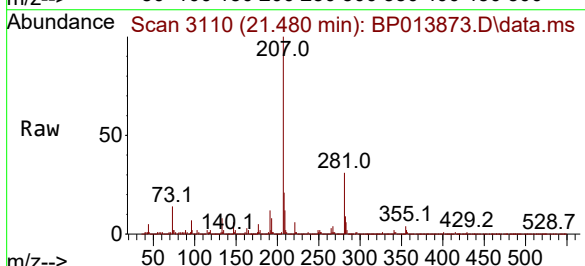
Tgt Ion:252 Resp: 132

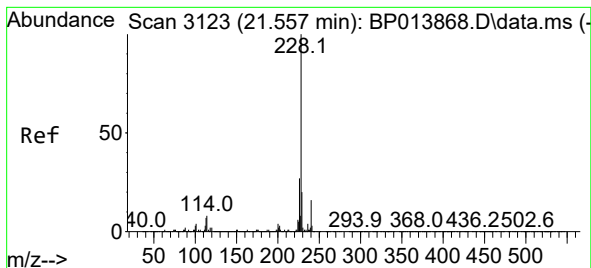
Ion Ratio Lower Upper

252 100

254 36.2 51.8 77.6#

126 17.7 7.9 11.9#





#85

Benzo(a)anthracene

Concen: 0.019 ng/ul

RT: 21.610 min Scan# 3123

Delta R.T. 0.053 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

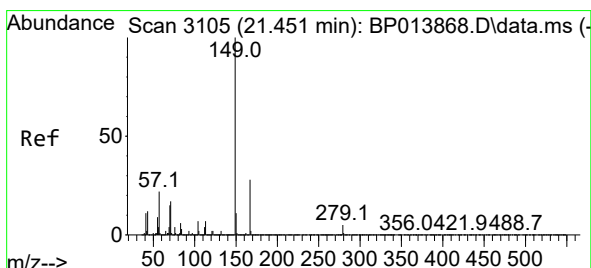
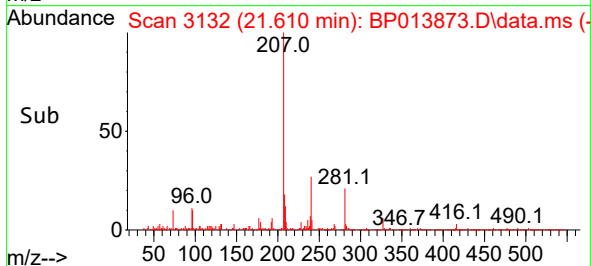
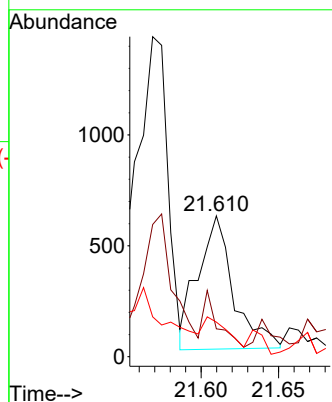
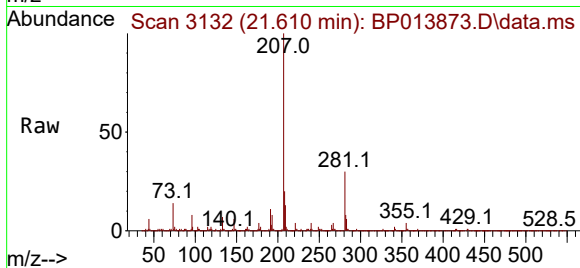
Tgt Ion:228 Resp: 964

Ion Ratio Lower Upper

228 100

229 19.8 15.4 23.2

226 24.6 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

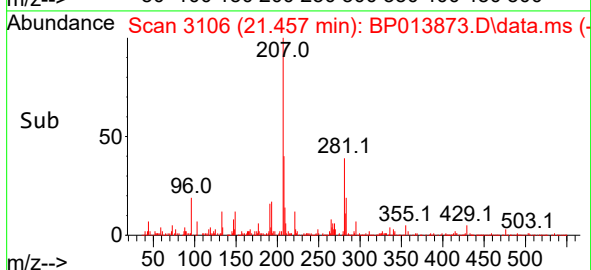
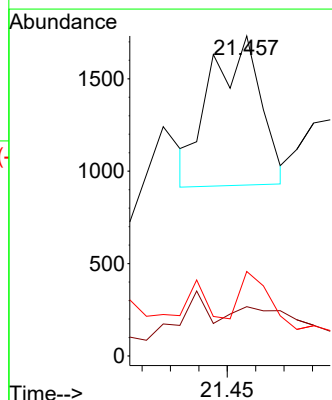
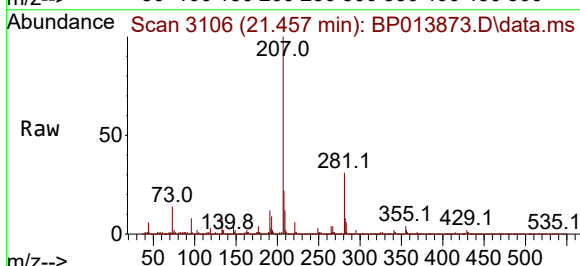
Tgt Ion:149 Resp: 989

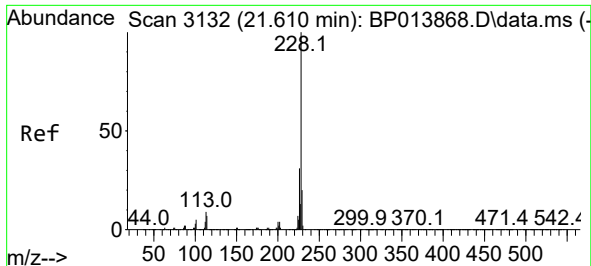
Ion Ratio Lower Upper

149 100

167 15.4 21.5 32.3#

279 26.4 3.2 4.8#





#87

Chrysene

Concen: 0.022 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

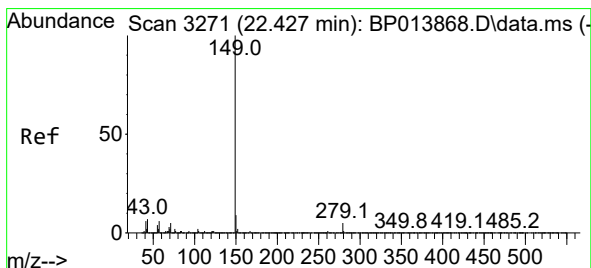
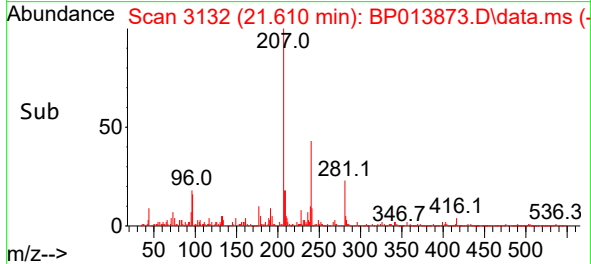
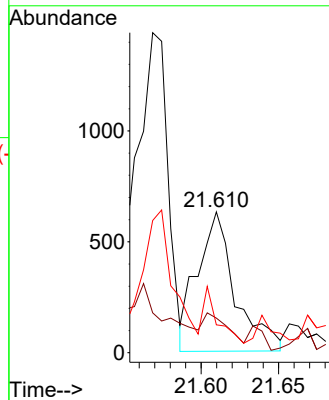
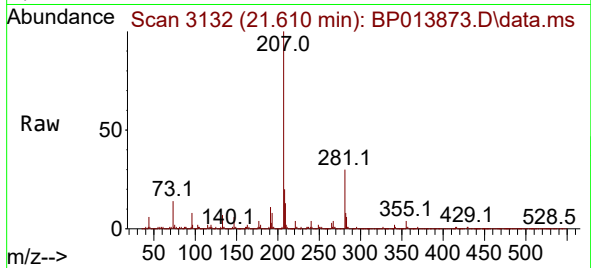
Tgt Ion:228 Resp: 1075

Ion Ratio Lower Upper

228 100

226 24.6 25.0 37.6#

229 19.8 16.4 24.6



#89

Di-n-octyl phthalate

Concen: 0.003 ng/ul

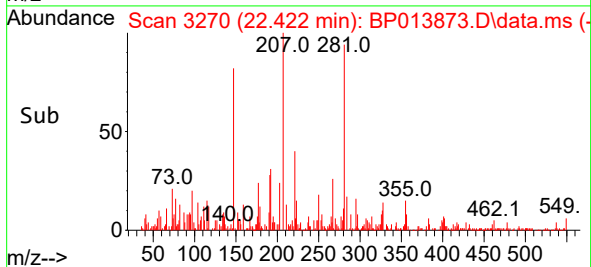
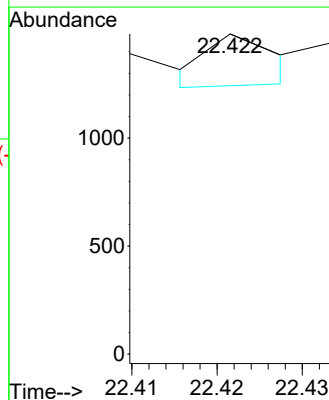
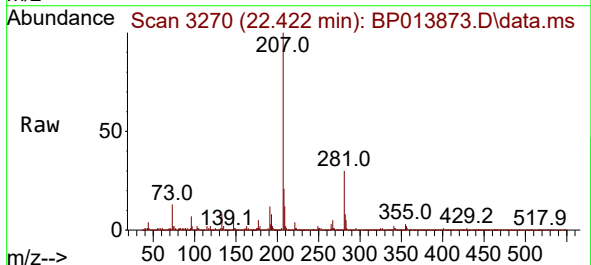
RT: 22.422 min Scan# 3270

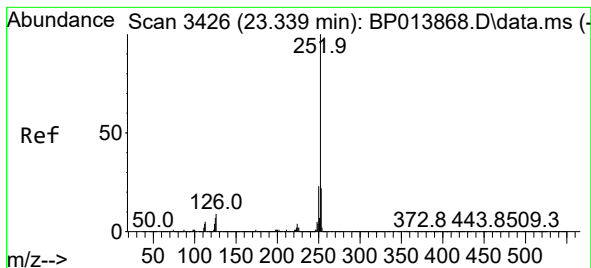
Delta R.T. -0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Tgt Ion:149 Resp: 135





#90

Benzo(b)fluoranthene

Concen: 0.009 ng/ul

RT: 23.345 min Scan# 3426

Delta R.T. 0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

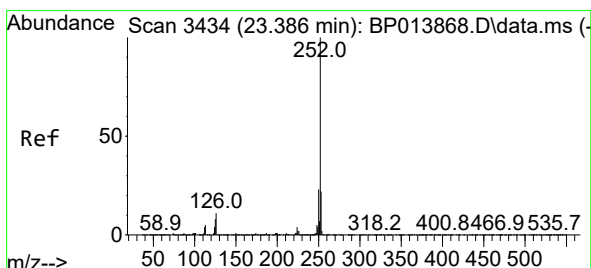
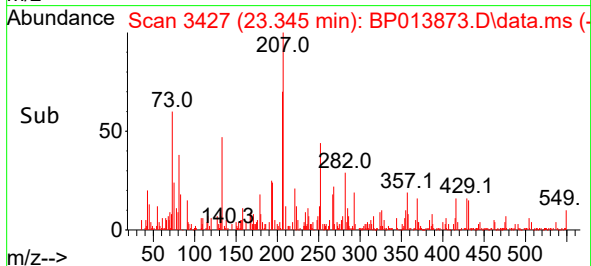
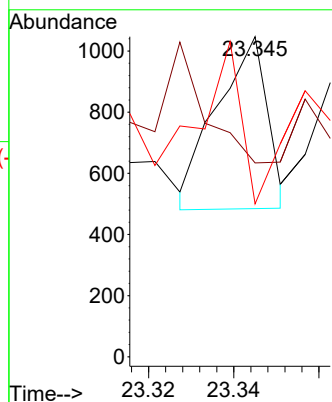
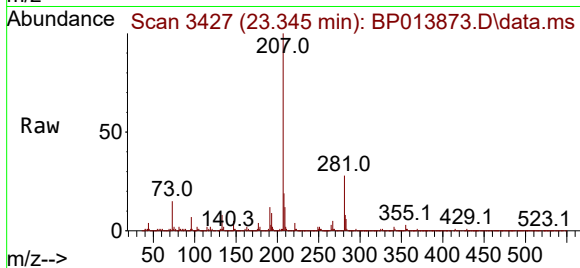
Tgt Ion:252 Resp: 467

Ion Ratio Lower Upper

252 100

253 60.6 17.5 26.3#

125 47.8 7.8 11.6#



#91

Benzo(k)fluoranthene

Concen: 0.010 ng/ul

RT: 23.386 min Scan# 3434

Delta R.T. -0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

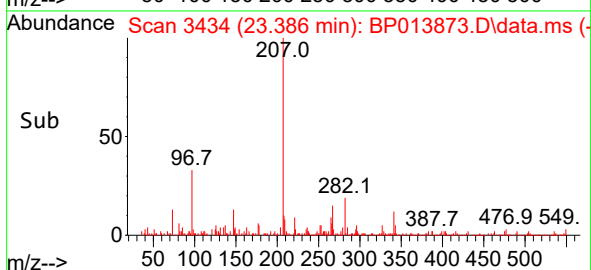
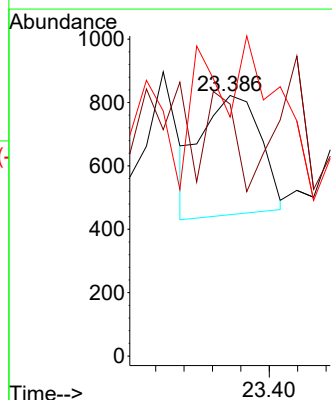
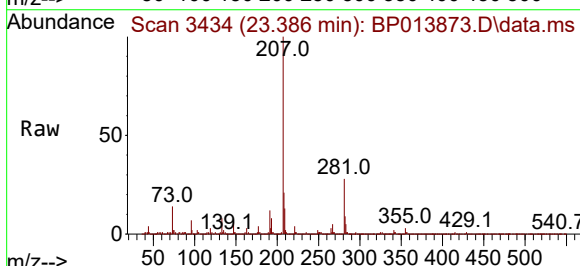
Tgt Ion:252 Resp: 544

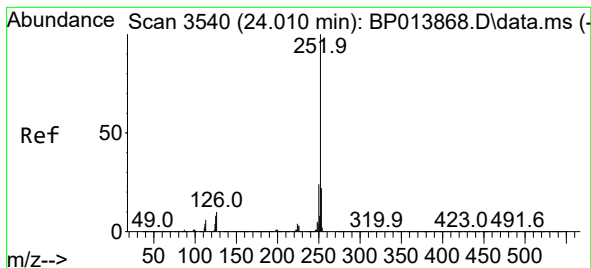
Ion Ratio Lower Upper

252 100

253 96.7 17.1 25.7#

125 127.6 7.2 10.8#





#93

Benzo(a)pyrene

Concen: 0.004 ng/ul

RT: 24.016 min Scan# 3541

Delta R.T. 0.000 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

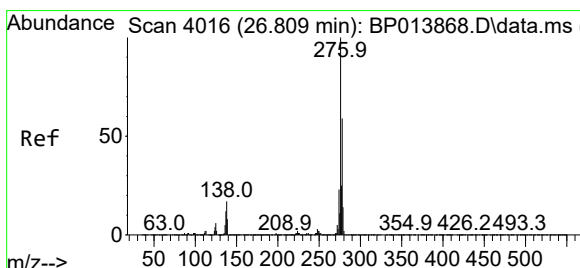
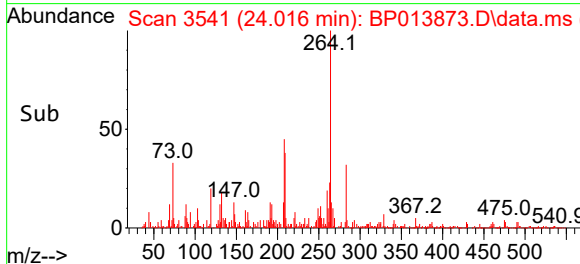
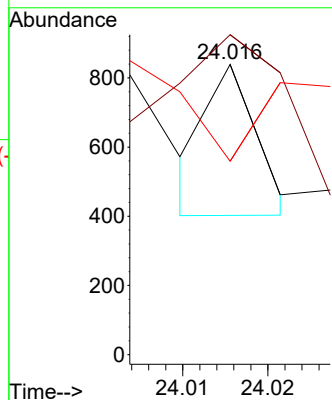
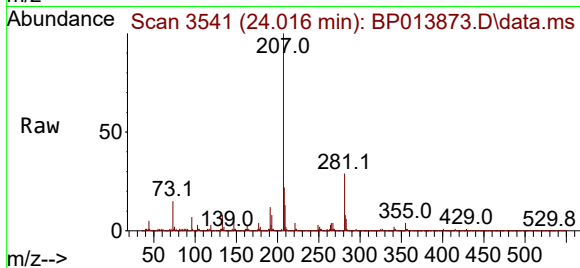
Tgt Ion:252 Resp: 175

Ion Ratio Lower Upper

252 100

253 110.3 17.4 26.0#

125 66.6 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 0.006 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.024 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

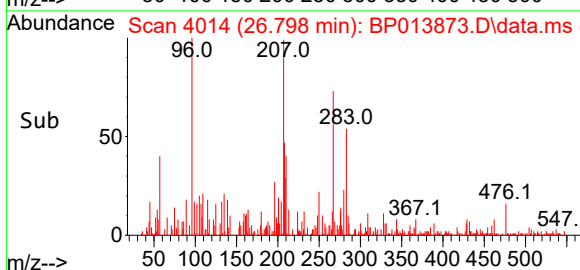
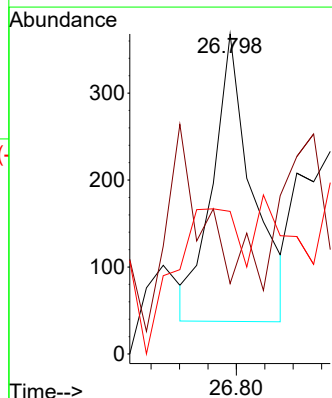
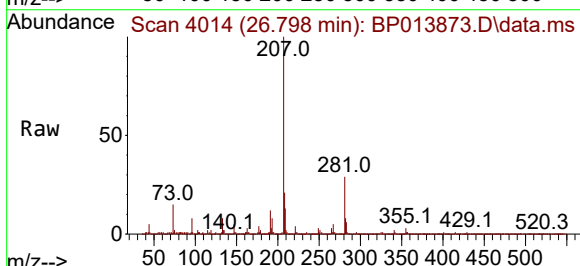
Tgt Ion:276 Resp: 321

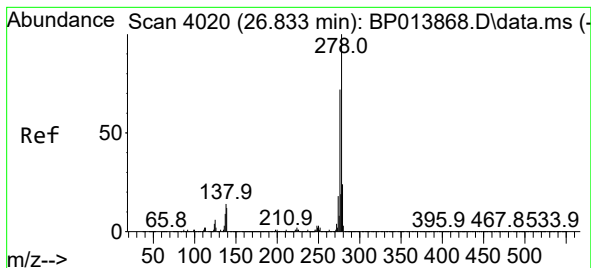
Ion Ratio Lower Upper

276 100

138 22.0 18.4 27.6

277 44.6 19.7 29.5#





#95

Dibenzo(a,h)anthracene

Concen: 0.007 ng/ul

RT: 26.833 min Scan# 4020

Delta R.T. -0.006 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Instrument :

BNA_P

ClientSampleId :

SBLK981

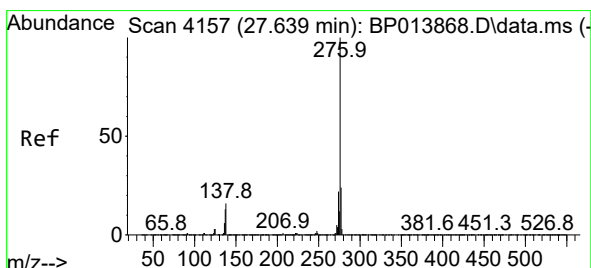
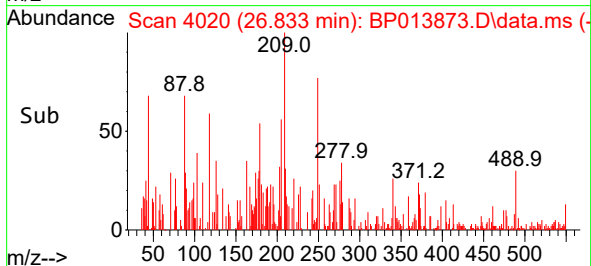
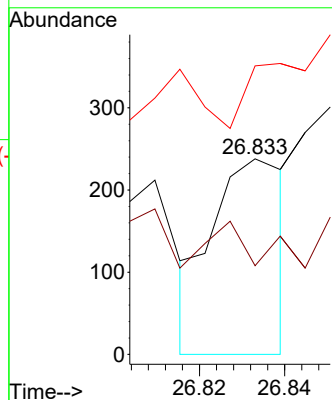
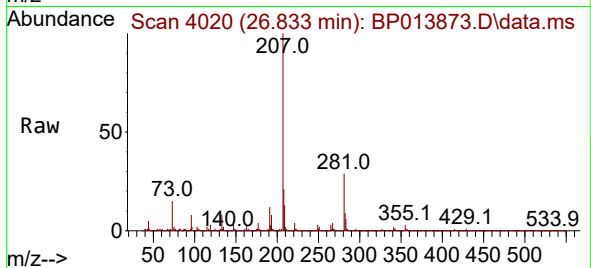
Tgt Ion:278 Resp: 283

Ion Ratio Lower Upper

278 100

139 45.4 12.0 18.0#

279 147.5 18.9 28.3#



#96

Benzo(g,h,i)perylene

Concen: 0.006 ng/ul

RT: 27.657 min Scan# 4160

Delta R.T. 0.000 min

Lab File: BP013873.D

Acq: 22 Feb 2023 13:29

Tgt Ion:276 Resp: 240

Ion Ratio Lower Upper

276 100

138 70.3 15.9 23.9#

277 55.1 19.0 28.6#

