

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022223\
 Data File : BP013869.D
 Acq On : 22 Feb 2023 10:07
 Operator : CG/JU
 Sample : PB150979BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SBLK979

Quant Time: Feb 23 03:14:24 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	8.104	152	144689	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	602757	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	425142	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	1007047	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	985413	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1031752	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	22126	6.338	ng/uL	0.00
4) Pyridine-d5	3.887	84	299733	28.961	ng/ul	0.00
7) Phenol-d5	7.252	99	375469	29.125	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	221420	29.310	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	298505	31.455	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	316065	29.996	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	155069	36.976	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	180248	37.224	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	326689	33.107	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	448609	32.073	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	1204669	35.976	ng/ul	0.00
49) Acenaphthylene-d8	14.439	160	1267086	34.957	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	176532	29.592	ng/ul	0.00
60) Fluorene-d10	15.733	176	1004436	35.217	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	196250	31.765	ng/ul	0.00
73) Anthracene-d10	17.598	188	1645205	35.728	ng/ul	0.00
81) Pyrene-d10	19.816	212	1922388	34.401	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1824746	35.297	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	124	0.033	ng/ul#	11
5) Pyridine	3.905	79	221	0.022	ng/ul#	1
6) Benzaldehyde	7.252	77	800	0.138	ng/ul#	8
8) Phenol	7.269	94	83	0.006	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.516	93	146	0.014	ng/ul#	59
12) 2-Chlorophenol	7.657	128	78	0.008	ng/ul#	1
13) 2-Methylphenol	8.534	108	10	0.001	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.634	45	71	0.006	ng/ul#	1
16) Acetophenone	8.940	105	78	0.005	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.916	70	38	0.005	ng/ul#	1
18) 4-Methylphenol	8.946	108	3	0.000	ng/ul	87
19) Hexachloroethane	9.199	117	57	0.014	ng/ul#	13
22) Nitrobenzene	9.316	77	407	0.037	ng/ul#	60
23) Isophorone	9.846	82	123	0.005	ng/ul#	81
25) 2-Nitrophenol	10.040	139	21	0.004	ng/ul#	1
26) 2,4-Dimethylphenol	10.098	107	13	0.001	ng/ul	86
27) Bis(2-Chloroethoxy)met...	10.346	93	90	0.006	ng/ul#	13
29) 2,4-Dichlorophenol	10.587	162	17	0.002	ng/ul#	1
30) Naphthalene	10.987	128	214	0.007	ng/ul#	83
32) 4-Chloroaniline	11.022	127	17	0.001	ng/ul	94
33) Hexachlorobutadiene	11.269	225	39	0.006	ng/ul#	13
34) Caprolactam	12.010	113	69	0.020	ng/ul	90
35) 4-Chloro-3-methylphenol	12.204	107	22	0.002	ng/ul#	43
36) 2-Methylnaphthalene	12.657	142	22	0.001	ng/ul	86

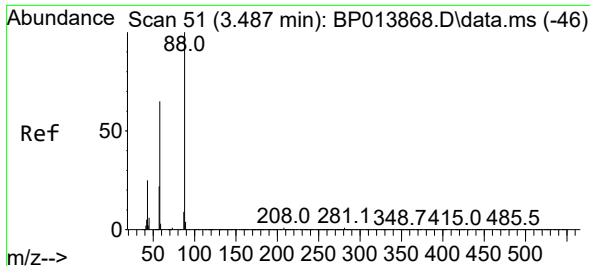
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	80	0.003	ng/ul#	70
39) 1,2,4,5-Tetrachloroben...	12.945	216	9	0.001	ng/ul#	1
40) Hexachlorocyclopentadiene	12.934	237	4	0.000	ng/ul#	55
41) 2,4,6-Trichlorophenol	13.187	196	18	0.002	ng/ul#	1
42) 2,4,5-Trichlorophenol	13.239	196	25	0.003	ng/ul#	78
43) 1,1'-Biphenyl	13.575	154	65	0.002	ng/ul#	70
44) 2-Chloronaphthalene	13.657	162	17	0.001	ng/ul	99
45) 2-Nitroaniline	13.810	65	86	0.014	ng/ul#	45
47) Dimethylphthalate	14.181	163	122	0.004	ng/ul#	58
48) 2,6-Dinitrotoluene	14.316	165	74	0.013	ng/ul#	65
50) Acenaphthylene	14.463	152	141	0.004	ng/ul#	38
51) 3-Nitroaniline	14.645	138	5	0.001	ng/ul#	7
52) Acenaphthene	14.810	153	205	0.007	ng/ul#	74
53) 2,4-Dinitrophenol	14.863	184	20	0.005	ng/ul#	1
55) 4-Nitrophenol	14.934	109	104	0.020	ng/ul#	1
56) Dibenzofuran	15.098	168	19	0.000	ng/ul	96
57) 2,4-Dinitrotoluene	15.086	165	116	0.013	ng/ul#	56
58) 2,3,4,6-Tetrachlorophenol	15.339	232	14	0.002	ng/ul#	1
59) Diethylphthalate	15.551	149	439	0.013	ng/ul#	74
61) Fluorene	15.781	166	268	0.008	ng/ul#	56
62) 4-Chlorophenyl-phenyle...	15.775	204	110	0.007	ng/ul#	44
63) 4-Nitroaniline	15.798	138	20	0.004	ng/ul#	66
66) 4,6-Dinitro-2-methylph...	15.845	198	814	0.134	ng/ul#	1
67) N-Nitrosodiphenylamine	15.998	169	84	0.003	ng/ul#	67
68) 4-Bromophenyl-phenylether	16.669	248	18	0.002	ng/ul#	58
69) Hexachlorobenzene	16.804	284	46	0.004	ng/ul#	71
70) Atrazine	16.945	200	24	0.002	ng/ul#	27
71) Pentachlorophenol	17.145	266	7	0.001	ng/ul#	1
72) Phenanthrene	17.533	178	236	0.004	ng/ul#	72
74) Anthracene	17.628	178	272	0.005	ng/ul#	74
75) 1,2,3,4-Tetrachloroben...	13.475	216	7	0.001	ng/uL	93
76) Pentachlorobenzene	15.057	250	36	0.003	ng/uL#	56
77) Carbazole	17.792	167	23	0.000	ng/ul	95
78) Di-n-butylphthalate	18.427	149	1063	0.019	ng/ul#	88
80) Fluoranthene	19.492	202	396	0.006	ng/ul#	74
82) Pyrene	19.845	202	461	0.007	ng/ul#	33
83) Butylbenzylphthalate	20.692	149	279	0.012	ng/ul#	50
84) 3,3'-Dichlorobenzidine	21.474	252	57	0.003	ng/ul#	65
85) Benzo(a)anthracene	21.574	228	3462	0.051	ng/ul#	64
86) Bis(2-ethylhexyl)phtha...	21.445	149	2182	0.061	ng/ul#	90
87) Chrysene	21.610	228	1122	0.018	ng/ul#	81
89) Di-n-octyl phthalate	22.427	149	392	0.006	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	784	0.011	ng/ul#	1
91) Benzo(k)fluoranthene	23.386	252	487	0.007	ng/ul#	1
93) Benzo(a)pyrene	24.010	252	346	0.006	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	26.821	276	397	0.006	ng/ul#	35
95) Dibenzo(a,h)anthracene	26.833	278	234	0.004	ng/ul#	1
96) Benzo(g,h,i)perylene	27.645	276	192	0.004	ng/ul#	77

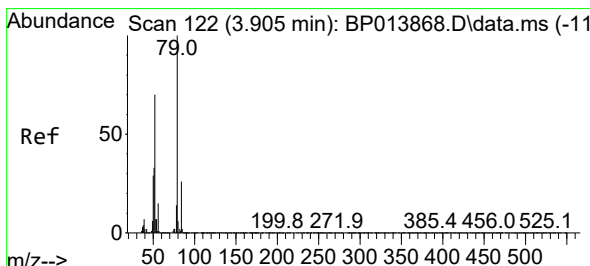
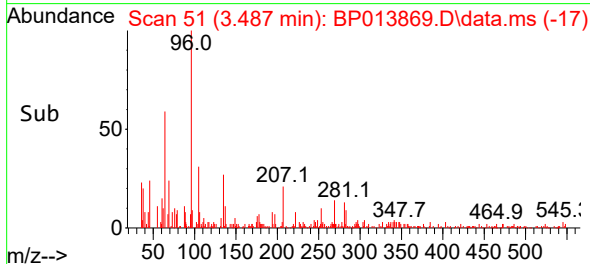
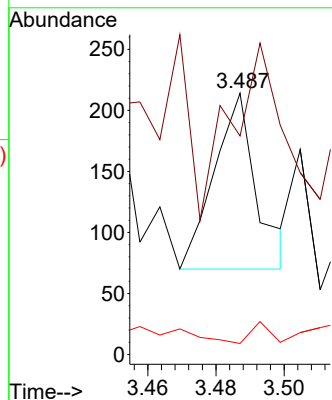
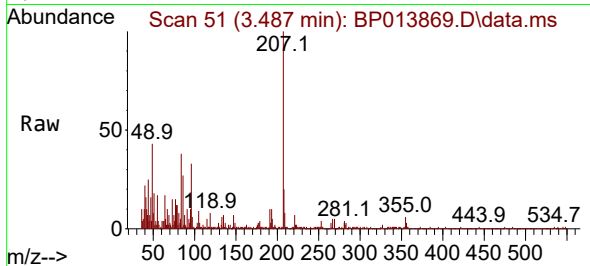
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#2
1,4-Dioxane
Concen: 0.033 ng/uL
RT: 3.487 min Scan# 51
Delta R.T. -0.000 min
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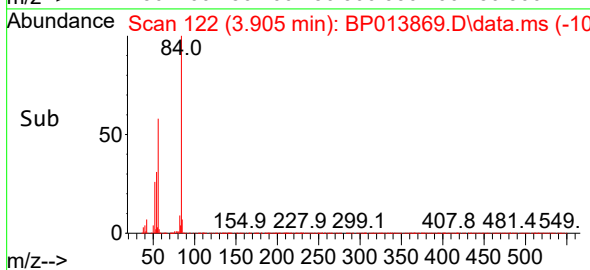
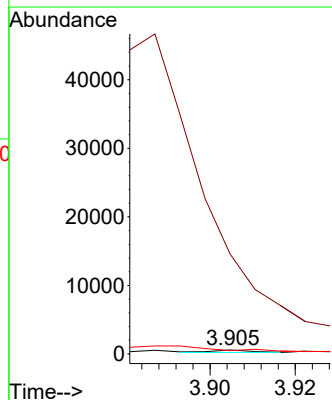
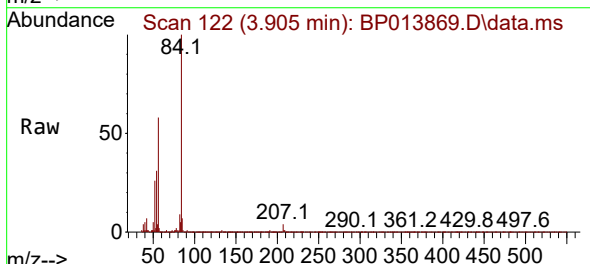
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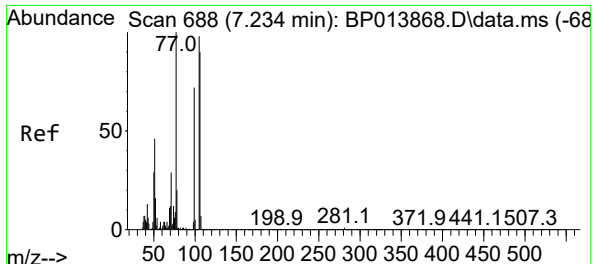
Tgt Ion: 88 Resp: 124
Ion Ratio Lower Upper
88 100
43 83.6 20.1 30.1#
58 4.2 53.0 79.6#



#5
Pyridine
Concen: 0.022 ng/uL
RT: 3.905 min Scan# 122
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion: 79 Resp: 221
Ion Ratio Lower Upper
79 100
52 2451.2 55.1 82.7#
51 80.9 25.7 38.5#

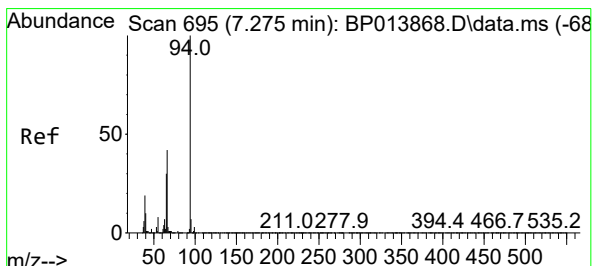
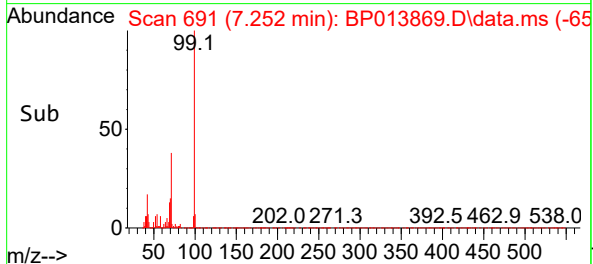
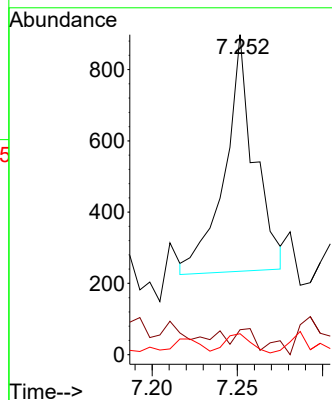
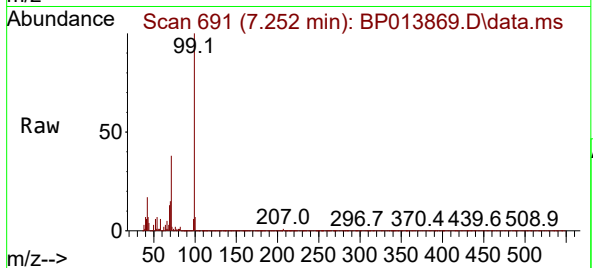




#6
Benzaldehyde
Concen: 0.138 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. 0.017 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

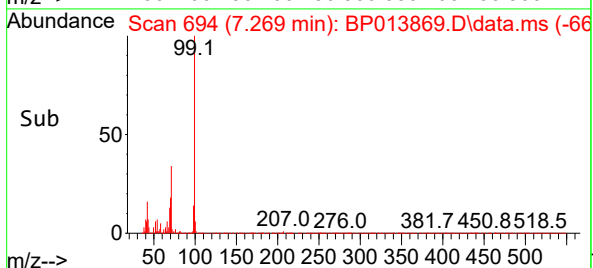
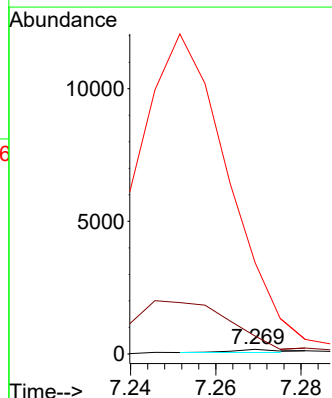
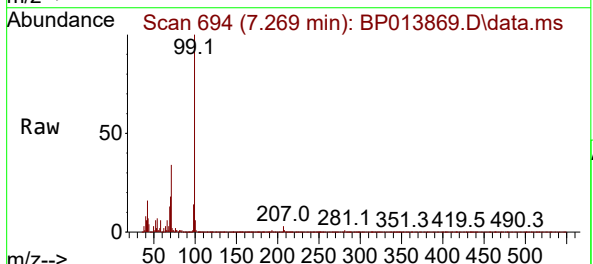
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Client SampleId :
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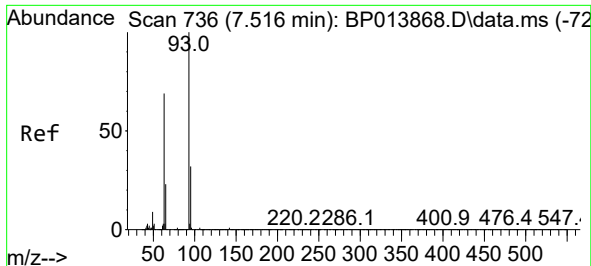
Tgt Ion: 77 Resp: 800
Ion Ratio Lower Upper
77 100
105 7.8 79.5 119.3#
106 6.6 76.5 114.7#



#8
Phenol
Concen: 0.006 ng/ul
RT: 7.269 min Scan# 694
Delta R.T. -0.012 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion: 94 Resp: 83
Ion Ratio Lower Upper
94 100
65 381.4 22.2 33.4#
66 1946.9 29.6 44.4#

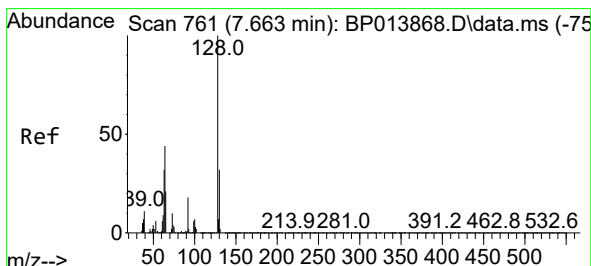
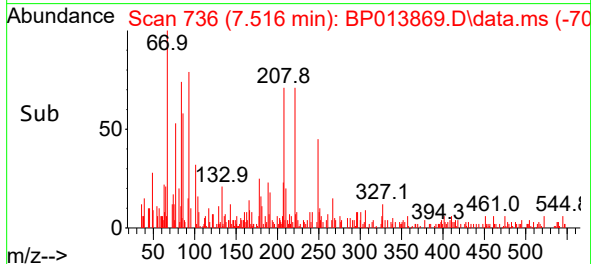
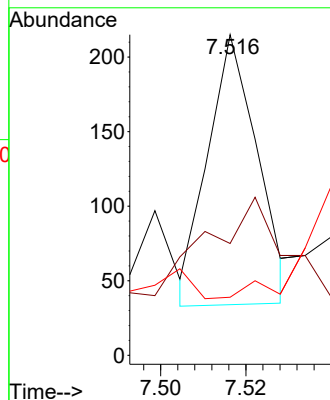
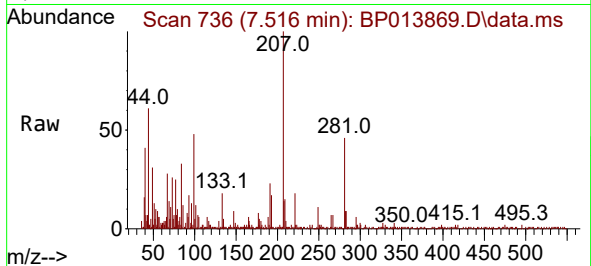




#10
 Bis(2-Chloroethyl)ether
 Concen: 0.014 ng/ul
 RT: 7.516 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: BP013869.D
 Acq: 22 Feb 2023 10:07

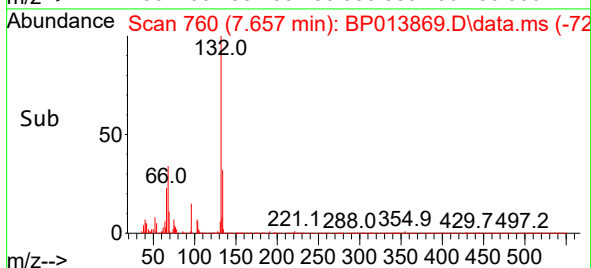
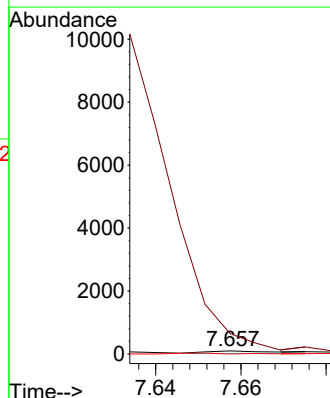
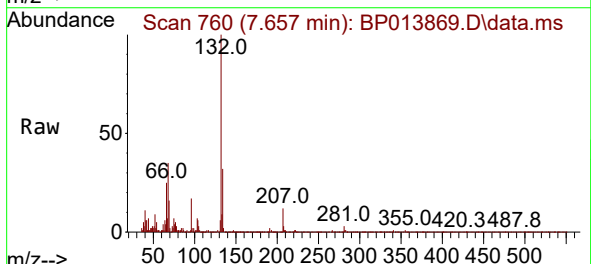
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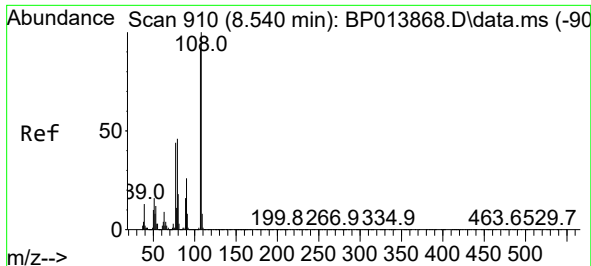
Tgt Ion: 93 Resp: 146
 Ion Ratio Lower Upper
 93 100
 63 33.9 59.4 89.0#
 95 17.6 25.8 38.8#



#12
 2-Chlorophenol
 Concen: 0.008 ng/ul
 RT: 7.657 min Scan# 760
 Delta R.T. -0.006 min
 Lab File: BP013869.D
 Acq: 22 Feb 2023 10:07

Tgt Ion: 128 Resp: 78
 Ion Ratio Lower Upper
 128 100
 64 682.1 37.3 55.9#
 130 0.0 26.3 39.5#

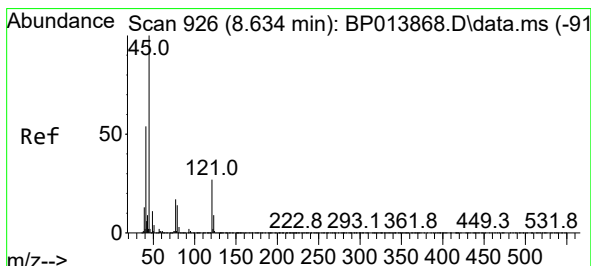
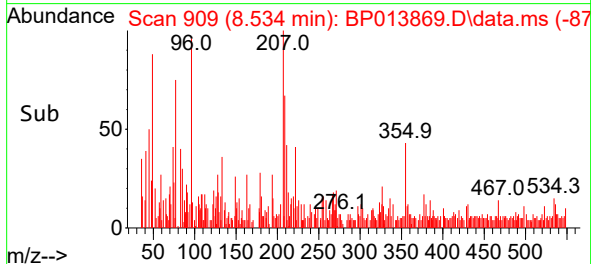
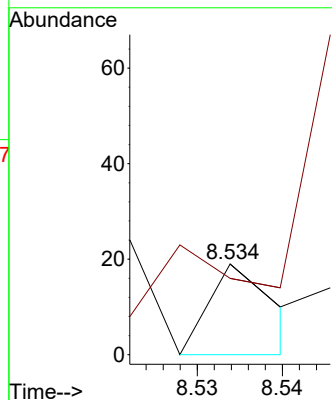
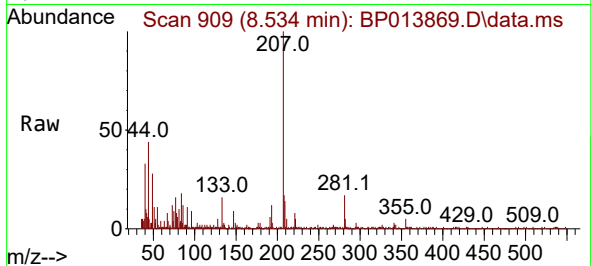




#13
2-Methylphenol
Concen: 0.001 ng/ul
RT: 8.534 min Scan# 909
Delta R.T. -0.012 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

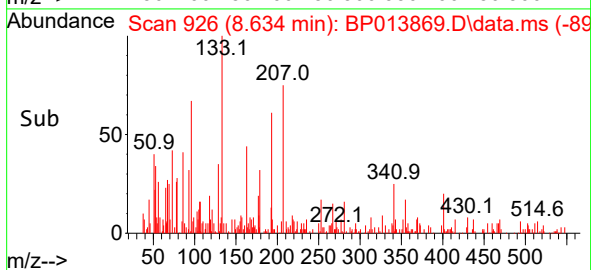
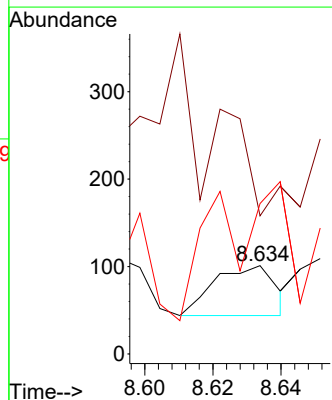
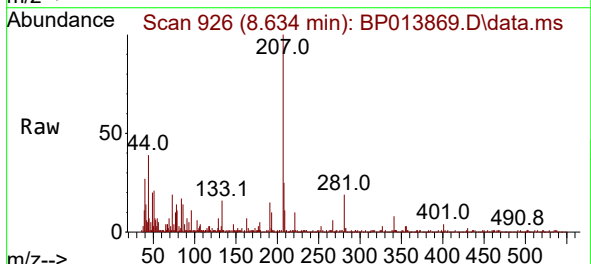
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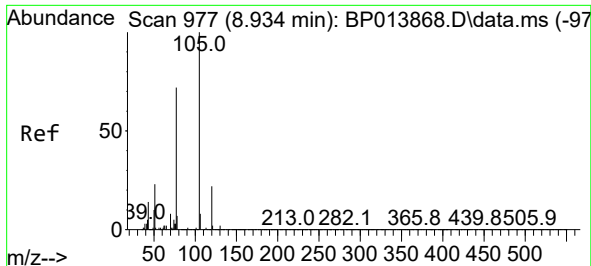
Tgt Ion:108 Resp: 10
Ion Ratio Lower Upper
108 100
107 84.2 71.9 107.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng/ul
RT: 8.634 min Scan# 926
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion: 45 Resp: 71
Ion Ratio Lower Upper
45 100
77 156.4 13.4 20.2#
79 170.3 11.0 16.4#

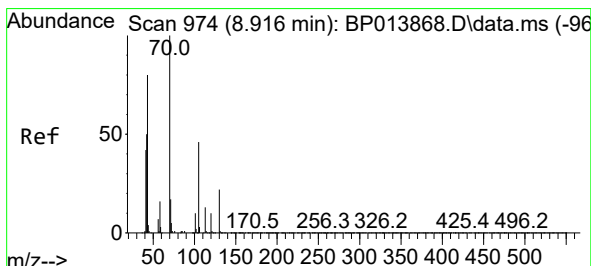
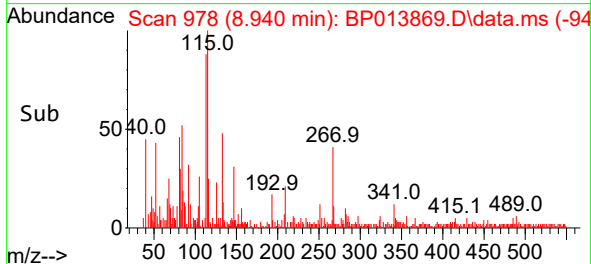
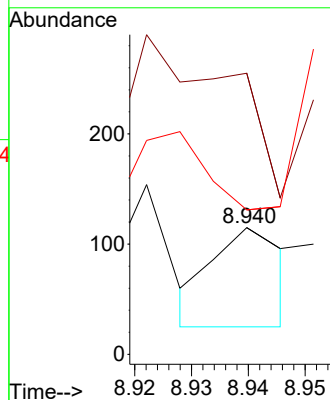
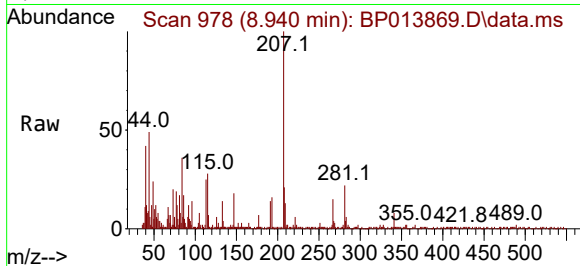




#16
Acetophenone
Concen: 0.005 ng/ul
RT: 8.940 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

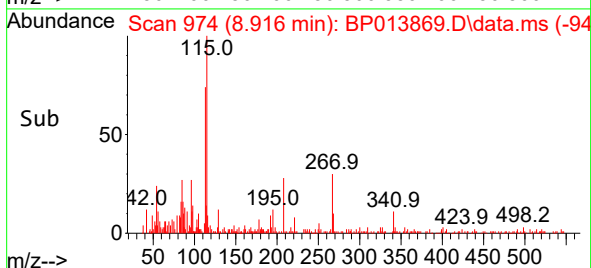
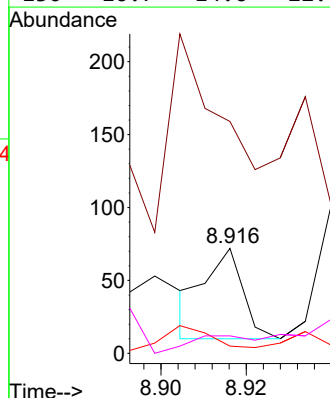
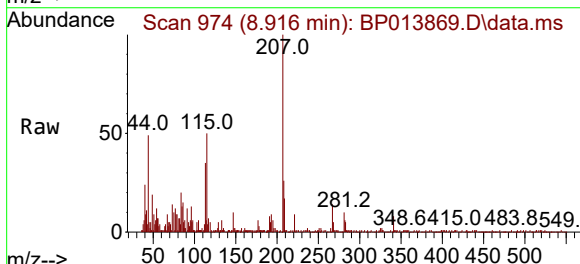
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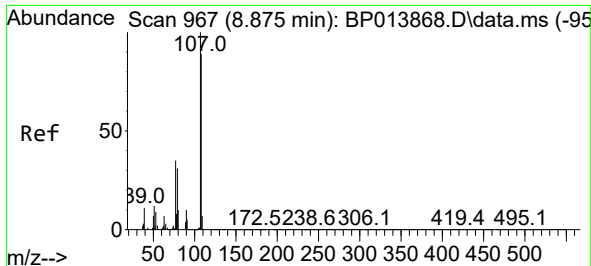
Tgt Ion:105 Resp: 78
Ion Ratio Lower Upper
105 100
77 221.7 61.0 91.4#
51 113.9 19.6 29.4#



#17
N-Nitroso-di-n-propylamine
Concen: 0.005 ng/ul
RT: 8.916 min Scan# 974
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion: 70 Resp: 38
Ion Ratio Lower Upper
70 100
42 220.8 39.8 59.8#
101 6.9 7.4 11.2#
130 16.7 14.6 22.0

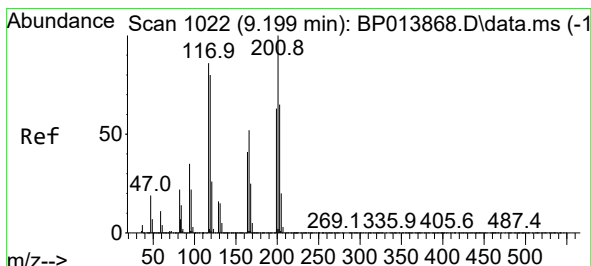
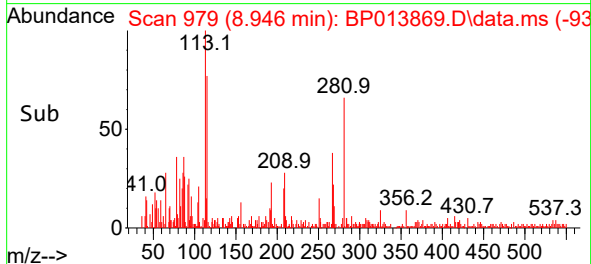
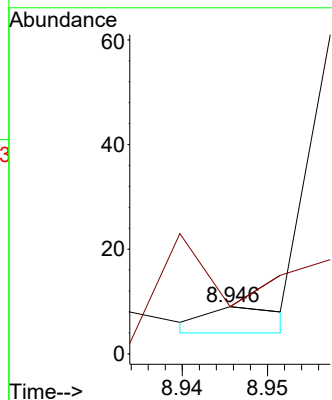
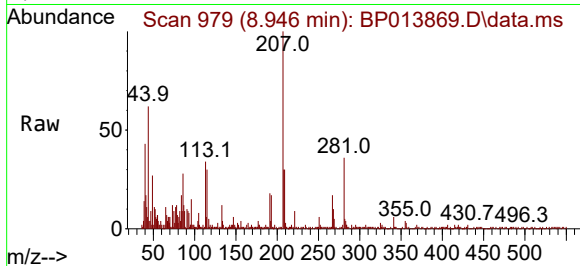




#18
4-Methylphenol
Concen: 0.000 ng/ul
RT: 8.946 min Scan# 91
Delta R.T. 0.070 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

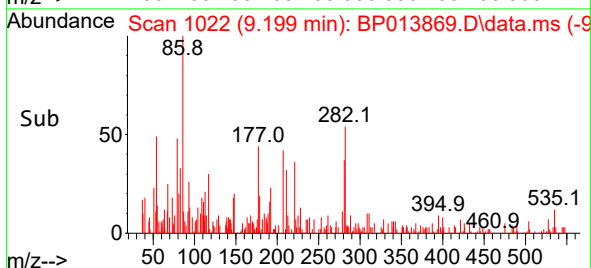
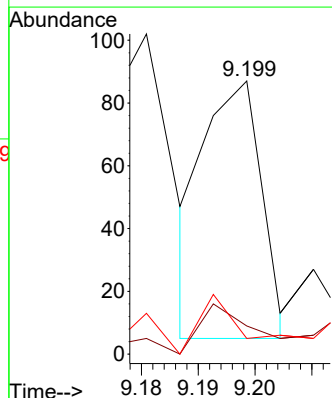
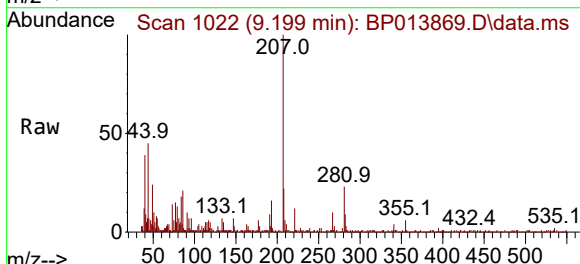
Instrument :
BNA_P
ClientSampleId :
SBLK979

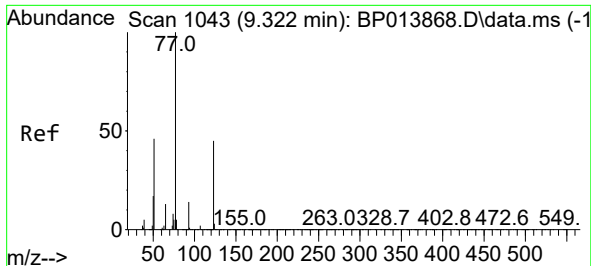
Tgt Ion:108 Resp: 3
Ion Ratio Lower Upper
108 100
107 100.0 90.9 136.3



#19
Hexachloroethane
Concen: 0.014 ng/ul
RT: 9.199 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:117 Resp: 57
Ion Ratio Lower Upper
117 100
201 10.3 86.6 129.8#
199 5.7 55.2 82.8#

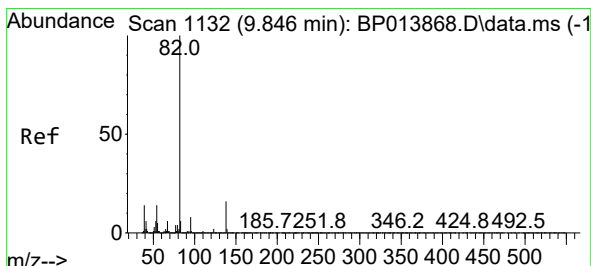
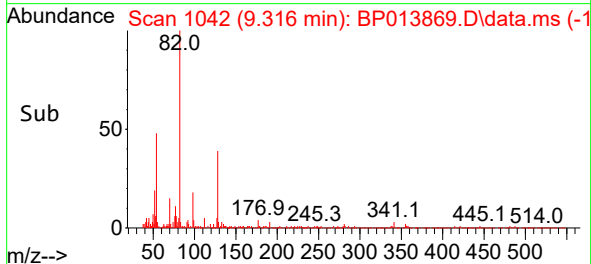
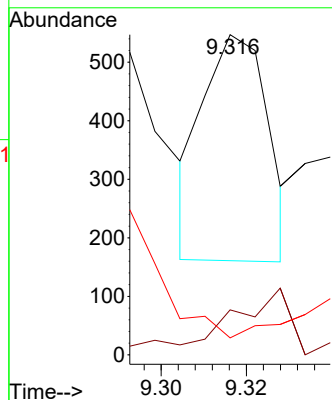
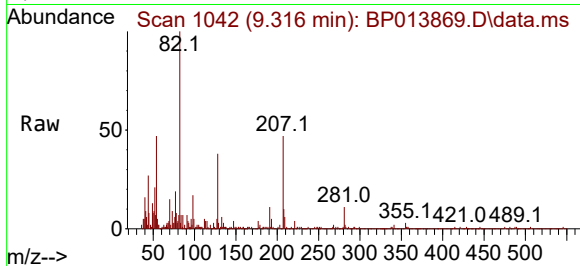




#22
Nitrobenzene
Concen: 0.037 ng/ul
RT: 9.316 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

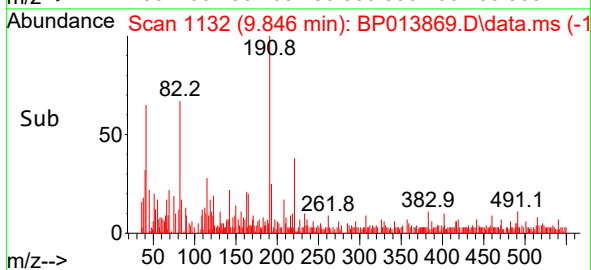
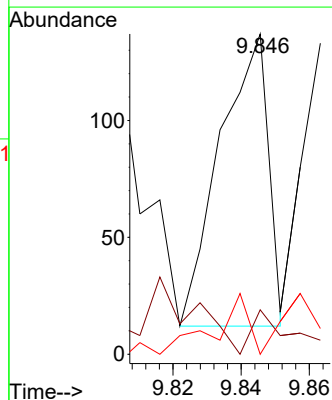
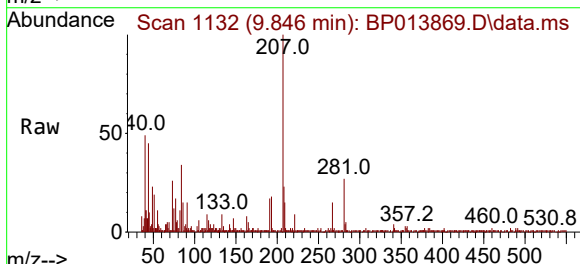
Instrument :
BNA_P
ClientSampleId :
SBLK979

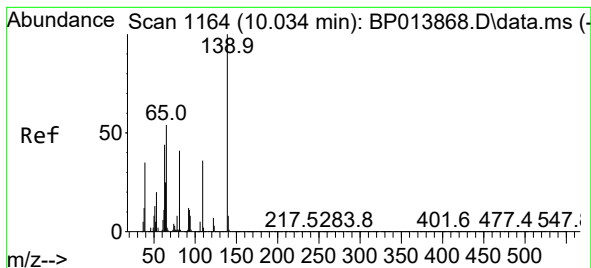
Tgt Ion: 77 Resp: 407
Ion Ratio Lower Upper
77 100
123 14.1 35.1 52.7#
65 5.3 10.6 16.0#



#23
Isophorone
Concen: 0.005 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion: 82 Resp: 123
Ion Ratio Lower Upper
82 100
95 13.9 6.0 9.0#
138 8.8 13.7 20.5#





#25

2-Nitrophenol

Concen: 0.004 ng/ul

RT: 10.040 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SBLK979

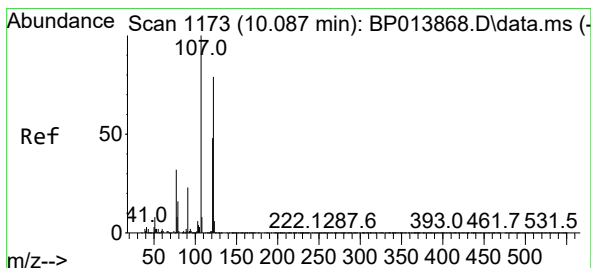
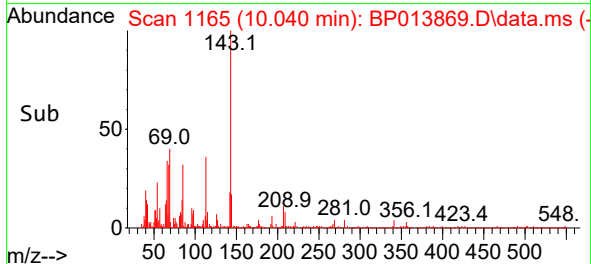
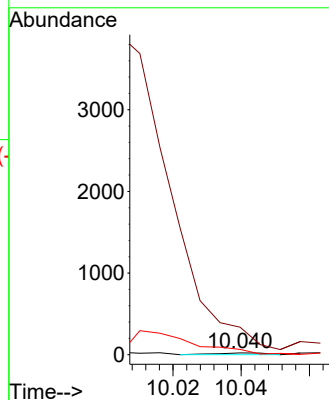
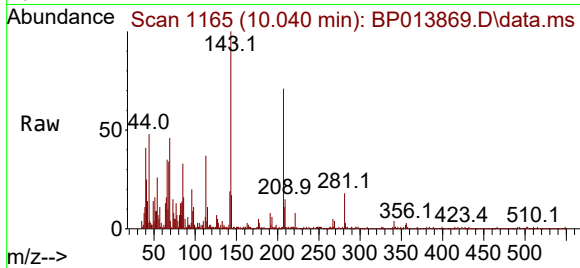
Tgt Ion:139 Resp: 21

Ion Ratio Lower Upper

139 100

65 1604.8 39.9 59.9#

109 309.5 27.4 41.0#



#26

2,4-Dimethylphenol

Concen: 0.001 ng/ul

RT: 10.098 min Scan# 1175

Delta R.T. 0.012 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

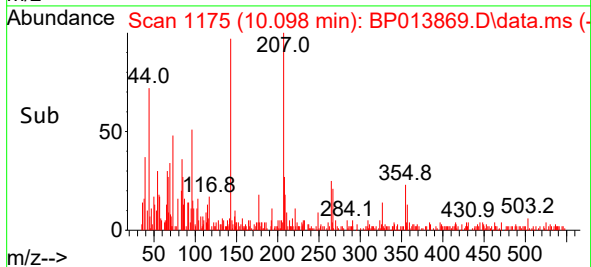
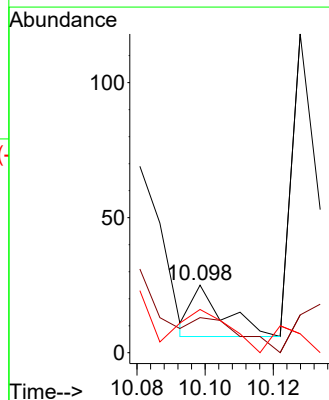
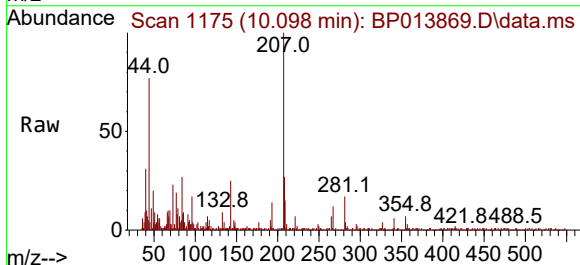
Tgt Ion:107 Resp: 13

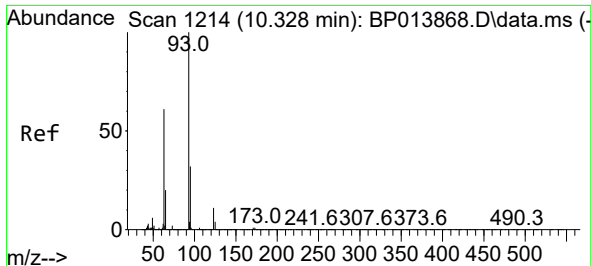
Ion Ratio Lower Upper

107 100

121 52.0 37.8 56.6

122 64.0 63.7 95.5

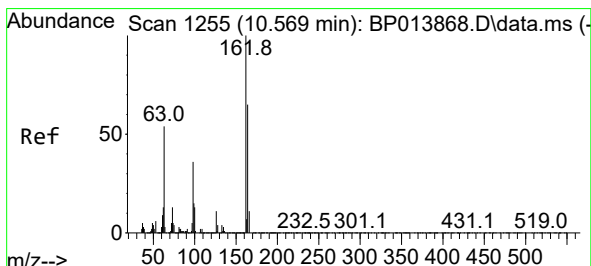
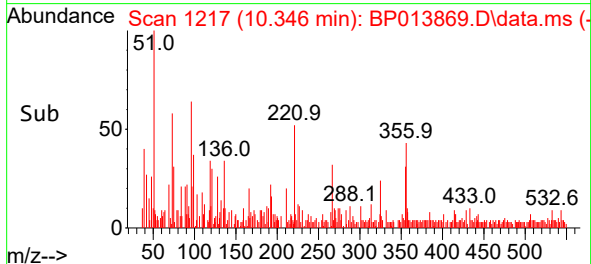
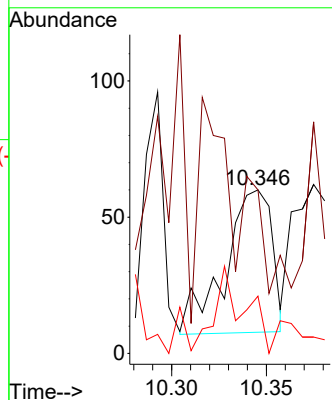
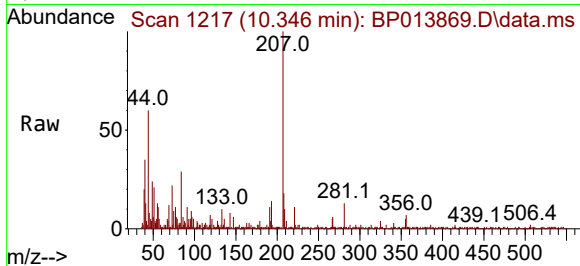




#27
Bis(2-Chloroethoxy)methane
Concen: 0.006 ng/ul
RT: 10.346 min Scan# 1217
Delta R.T. 0.018 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

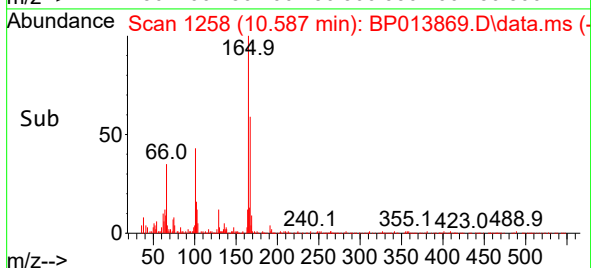
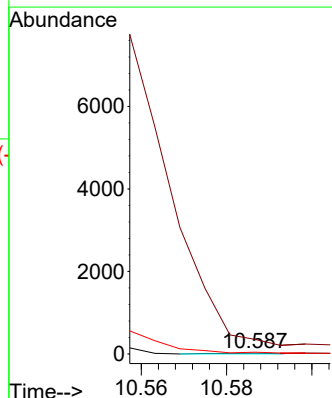
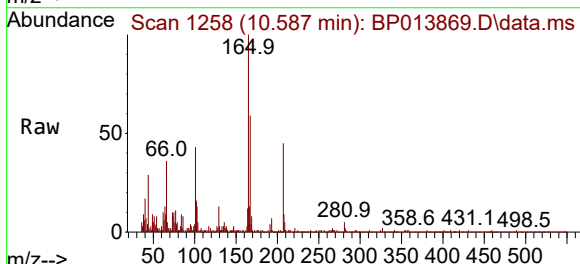
Instrument :
BNA_P
ClientSampleId :
SBLK979

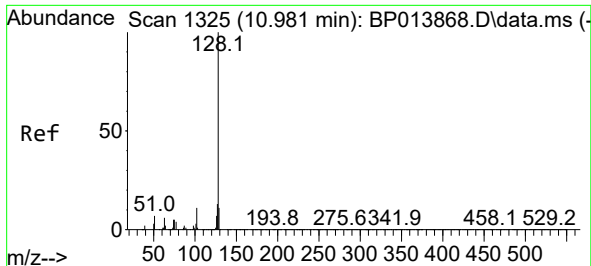
Tgt Ion: 93 Resp: 90
Ion Ratio Lower Upper
93 100
95 85.7 25.0 37.6#
123 30.0 8.2 12.4#



#29
2,4-Dichlorophenol
Concen: 0.002 ng/ul
RT: 10.587 min Scan# 1258
Delta R.T. 0.012 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:162 Resp: 17
Ion Ratio Lower Upper
162 100
164 2064.7 51.4 77.2#
98 252.9 27.5 41.3#

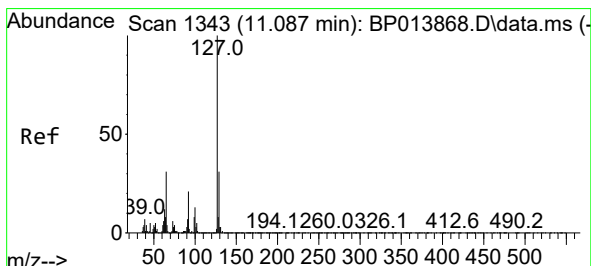
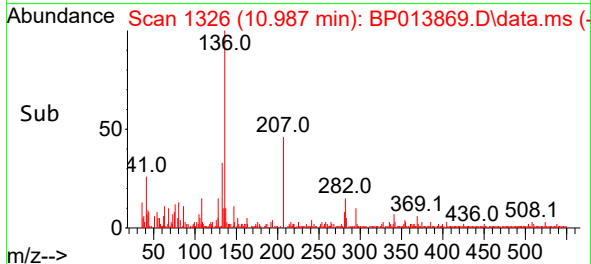
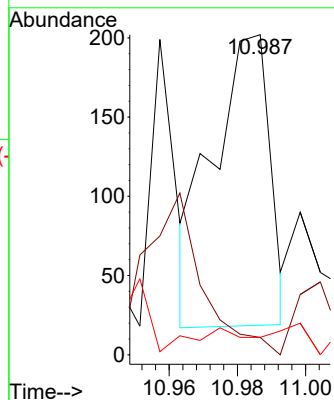
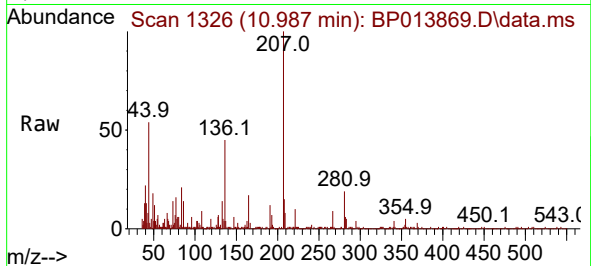




#30
Naphthalene
Concen: 0.007 ng/ul
RT: 10.987 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

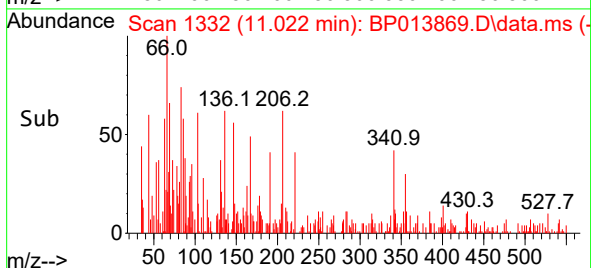
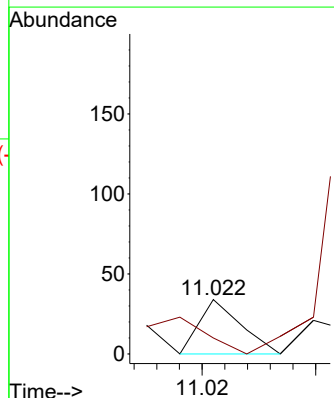
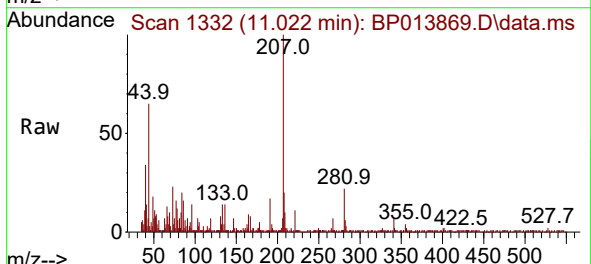
Instrument :
BNA_P
ClientSampleId :
SBLK979

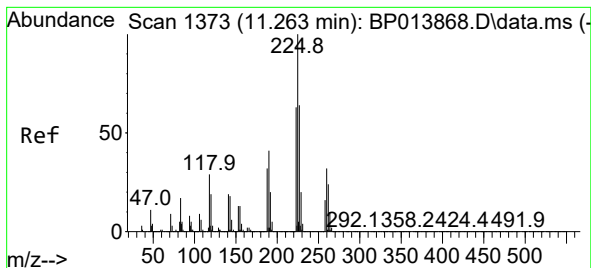
Tgt Ion:128 Resp: 214
Ion Ratio Lower Upper
128 100
129 5.4 8.6 12.8#
127 5.4 10.6 15.8#



#32
4-Chloroaniline
Concen: 0.001 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. -0.065 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:127 Resp: 17
Ion Ratio Lower Upper
127 100
129 29.4 26.2 39.4





#33

Hexachlorobutadiene

Concen: 0.006 ng/ul

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SBLK979

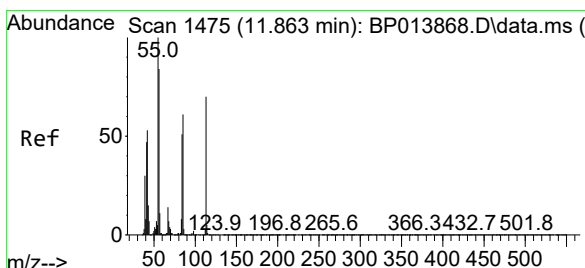
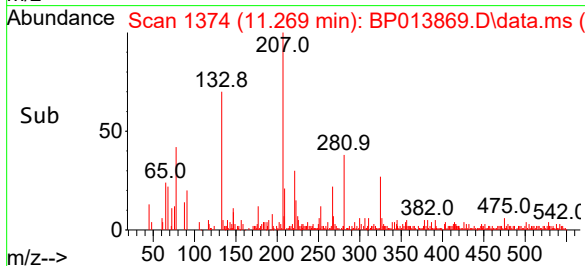
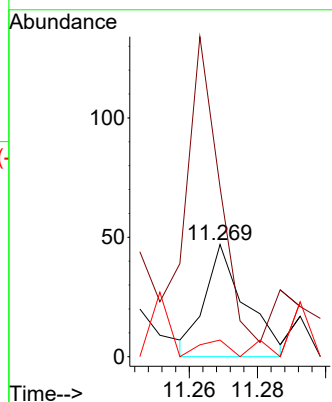
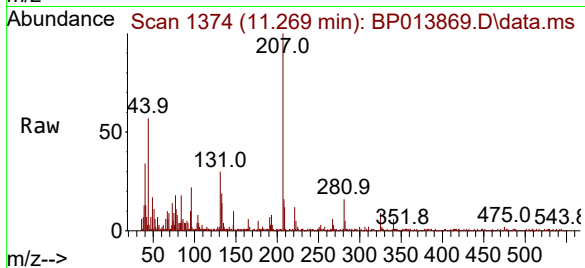
Tgt Ion:225 Resp: 39

Ion Ratio Lower Upper

225 100

223 151.1 50.6 76.0#

227 14.9 49.0 73.4#



#34

Caprolactam

Concen: 0.020 ng/ul

RT: 12.010 min Scan# 1500

Delta R.T. 0.147 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

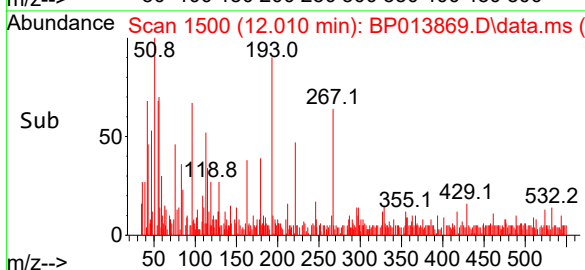
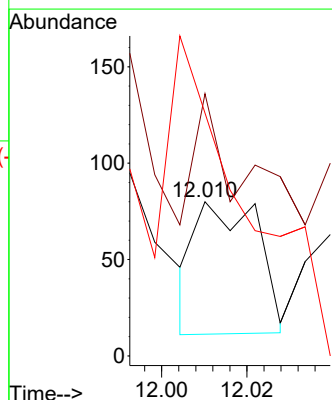
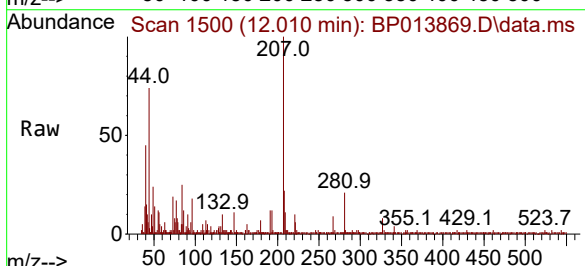
Tgt Ion:113 Resp: 69

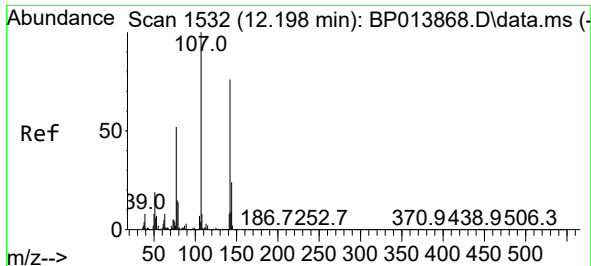
Ion Ratio Lower Upper

113 100

55 140.2 120.9 181.3

56 129.9 93.8 140.8





#35

4-Chloro-3-methylphenol

Concen: 0.002 ng/ul

RT: 12.204 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SBLK979

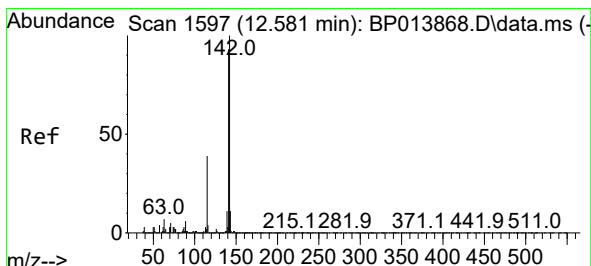
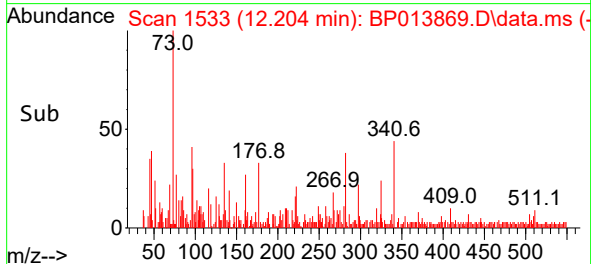
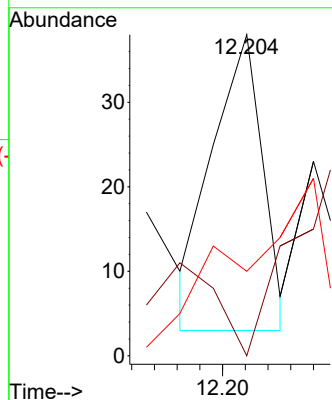
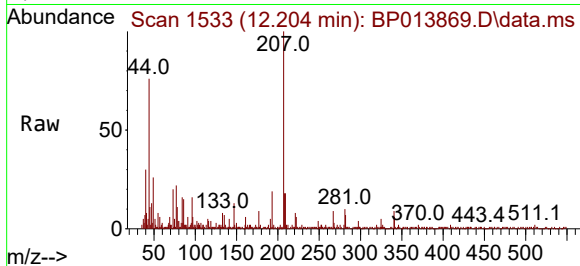
Tgt Ion:107 Resp: 22

Ion Ratio Lower Upper

107 100

144 0.0 20.0 30.0#

142 26.3 62.1 93.1#



#36

2-Methylnaphthalene

Concen: 0.001 ng/ul

RT: 12.657 min Scan# 1610

Delta R.T. 0.076 min

Lab File: BP013869.D

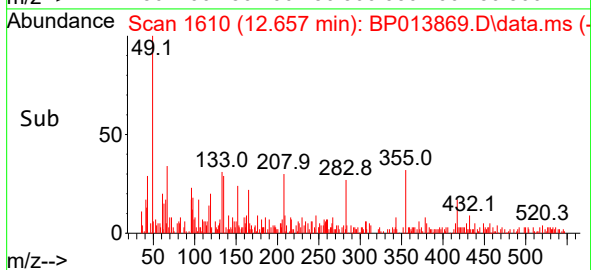
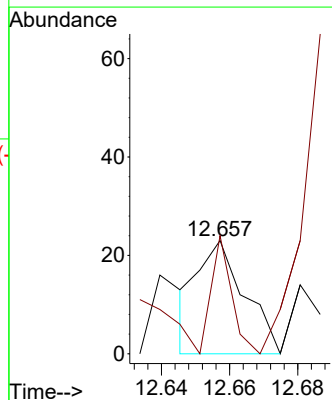
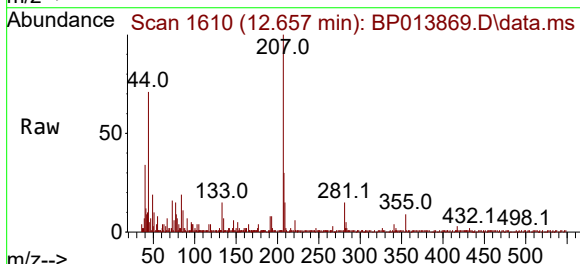
Acq: 22 Feb 2023 10:07

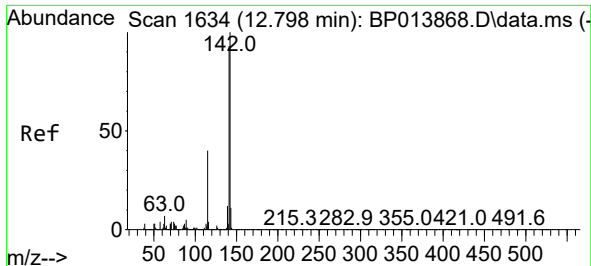
Tgt Ion:142 Resp: 22

Ion Ratio Lower Upper

142 100

141 104.3 72.8 109.2

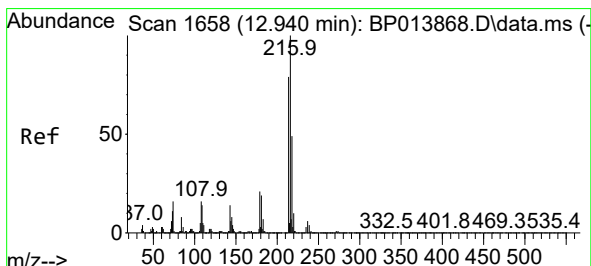
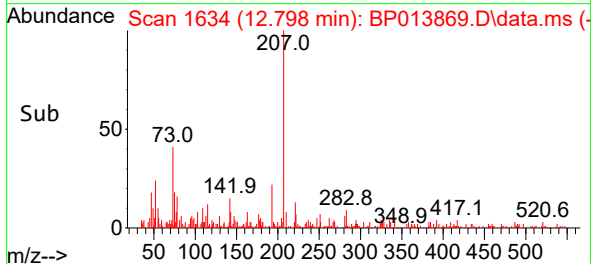
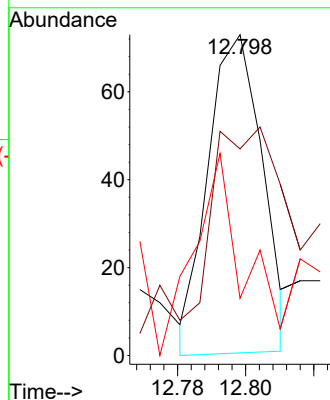
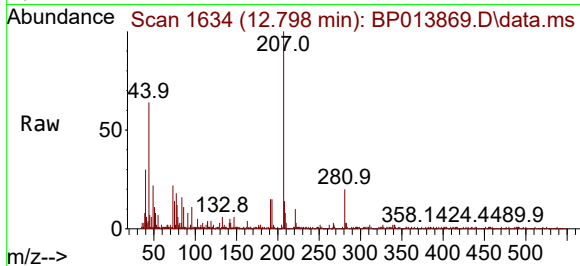




#37
1-Methylnaphthalene
Concen: 0.003 ng/ul
RT: 12.798 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

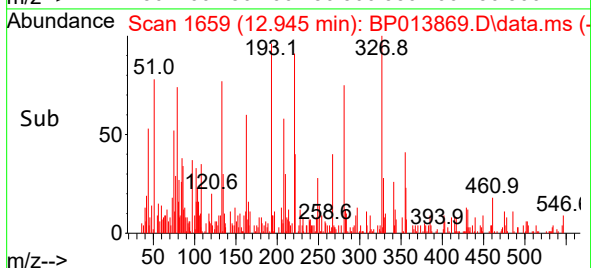
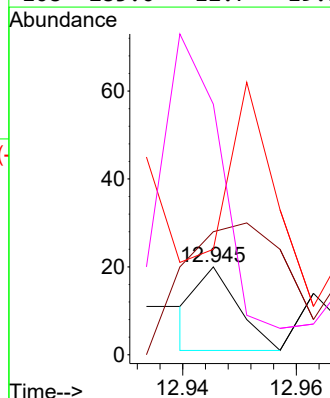
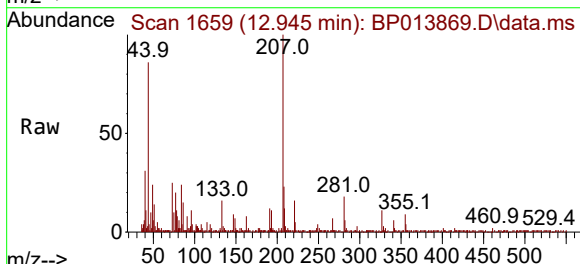
Instrument :
BNA_P
ClientSampleId :
SBLK979

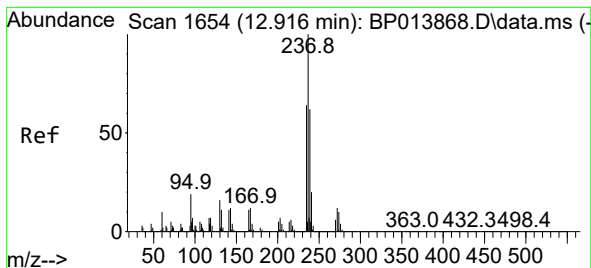
Tgt Ion:142 Resp: 80
Ion Ratio Lower Upper
142 100
141 64.4 74.2 111.2#
116 17.8 3.1 4.7#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.001 ng/ul
RT: 12.945 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:216 Resp: 9
Ion Ratio Lower Upper
216 100
214 140.0 62.6 93.8#
179 120.0 15.4 23.2#
108 285.0 12.7 19.1#





#40

Hexachlorocyclopentadiene

Concen: 0.000 ng/ul

RT: 12.934 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

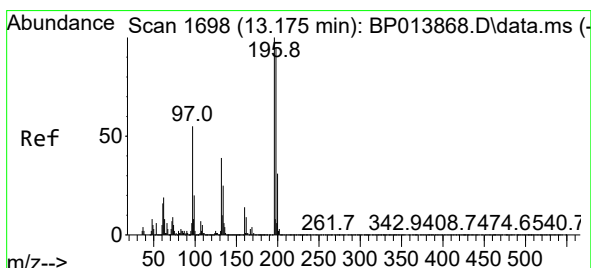
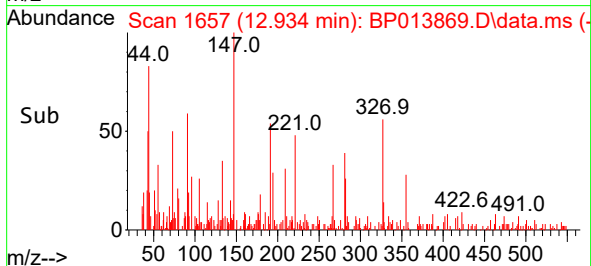
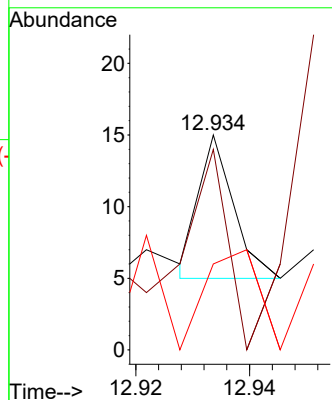
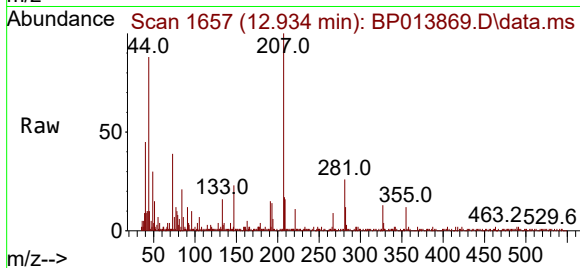
Instrument :

BNA_P

ClientSampleId :

SBLK979

Tgt Ion:237	Resp:	4
Ion Ratio	Lower	Upper
237	100	
235	93.3	49.8 74.8#
272	40.0	10.1 15.1#



#41

2,4,6-Trichlorophenol

Concen: 0.002 ng/ul

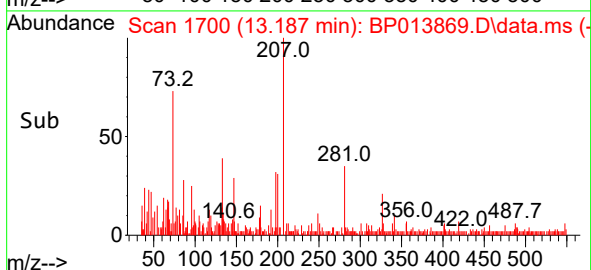
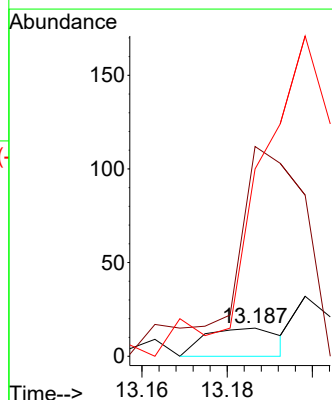
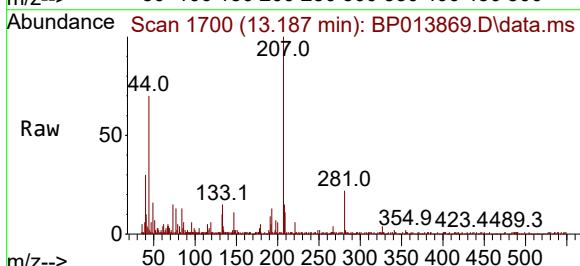
RT: 13.187 min Scan# 1700

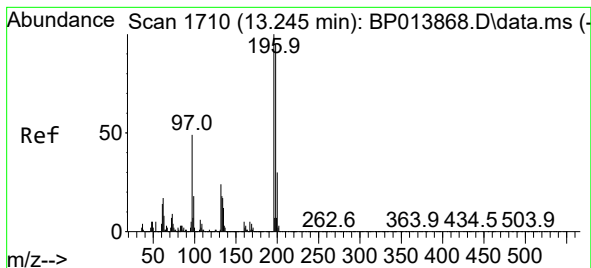
Delta R.T. 0.006 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

Tgt Ion:196	Resp:	18
Ion Ratio	Lower	Upper
196	100	
198	746.7	75.1 112.7#
200	666.7	24.3 36.5#

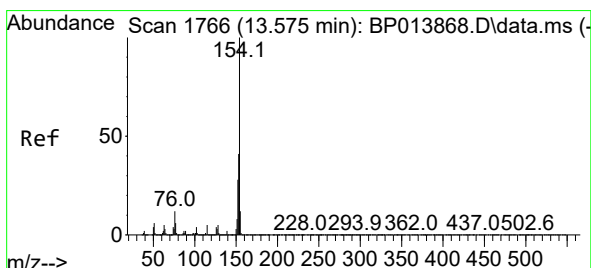
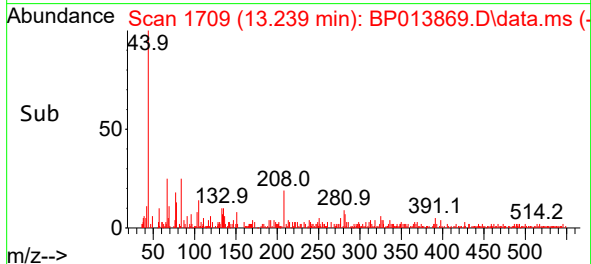
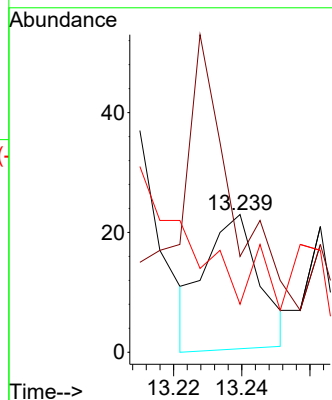
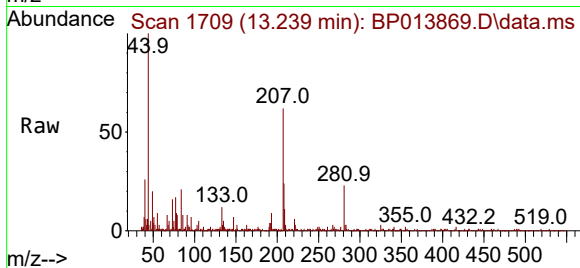




#42
2,4,5-Trichlorophenol
Concen: 0.003 ng/ul
RT: 13.239 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

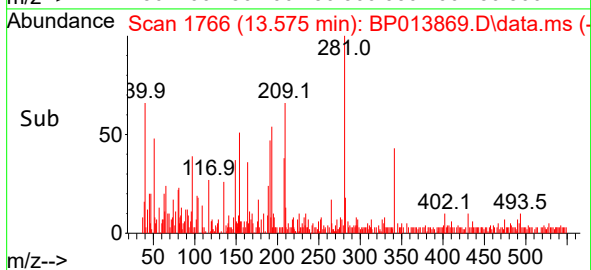
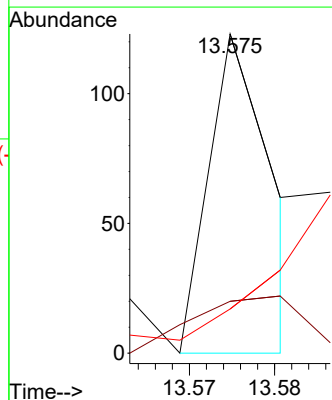
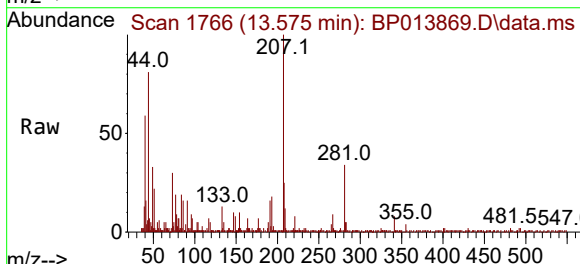
Instrument :
BNA_P
ClientSampleId :
SBLK979

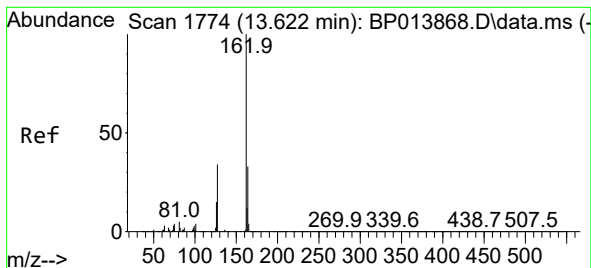
Tgt Ion:196 Resp: 25
Ion Ratio Lower Upper
196 100
198 69.6 77.0 115.4#
200 34.8 25.8 38.6



#43
1,1'-Biphenyl
Concen: 0.002 ng/ul
RT: 13.575 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:154 Resp: 65
Ion Ratio Lower Upper
154 100
153 16.3 31.9 47.9#
76 13.8 9.9 14.9





#44

2-Chloronaphthalene

Concen: 0.001 ng/ul

RT: 13.657 min Scan# 1

Delta R.T. 0.035 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SBLK979

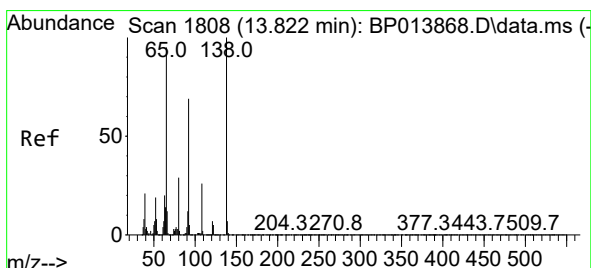
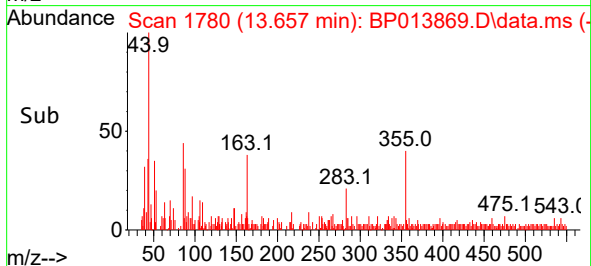
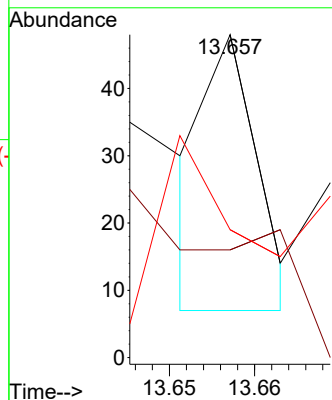
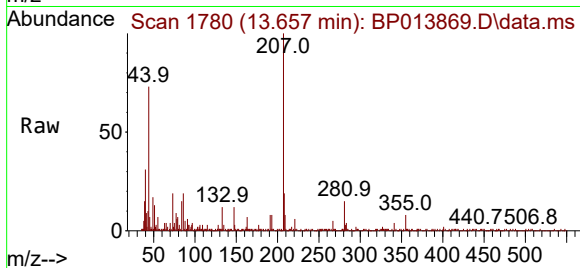
Tgt Ion:162 Resp: 17

Ion Ratio Lower Upper

162 100

164 33.3 26.1 39.1

127 39.6 31.1 46.7



#45

2-Nitroaniline

Concen: 0.014 ng/ul

RT: 13.810 min Scan# 1806

Delta R.T. -0.012 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

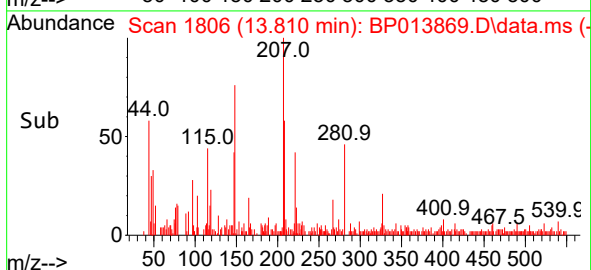
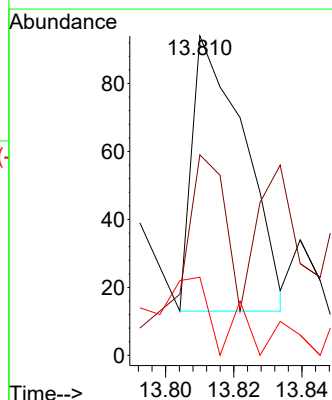
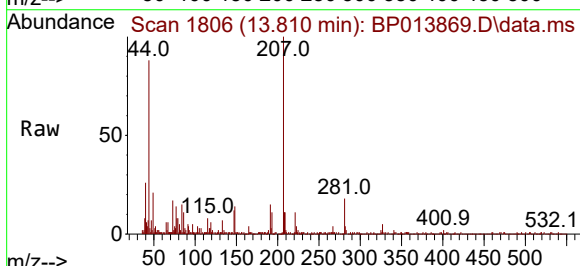
Tgt Ion: 65 Resp: 86

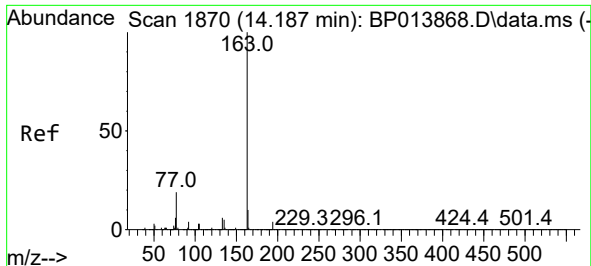
Ion Ratio Lower Upper

65 100

92 94.7 58.6 88.0#

138 24.5 81.2 121.8#

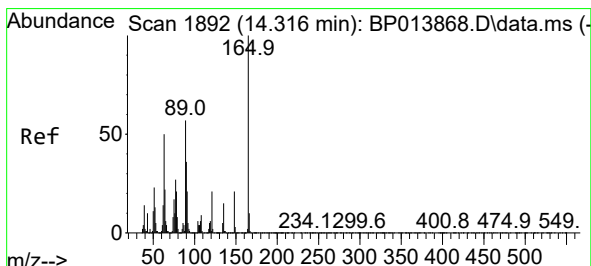
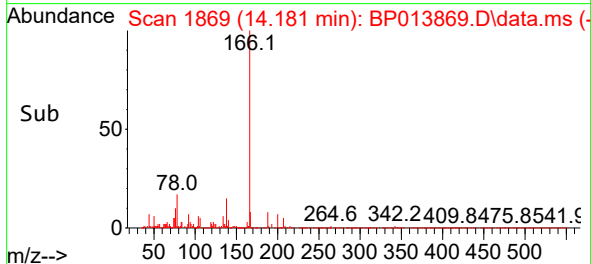
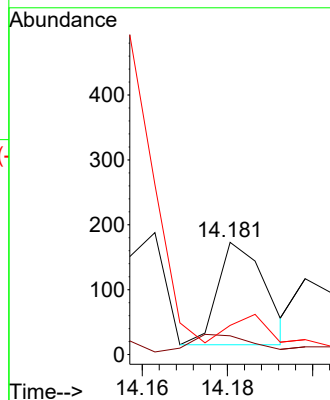
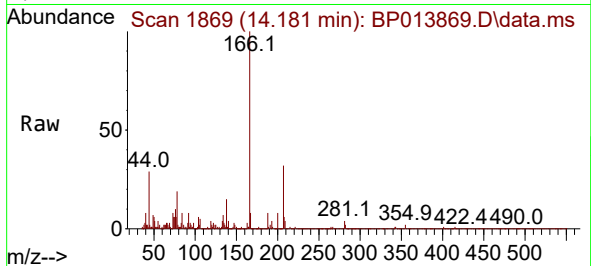




#47
Dimethylphthalate
Concen: 0.004 ng/ul
RT: 14.181 min Scan# 1869
Delta R.T. -0.012 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

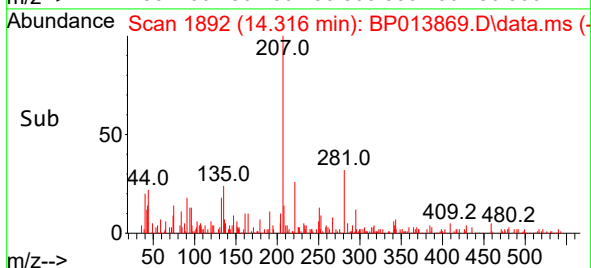
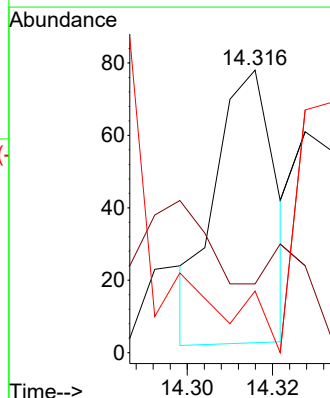
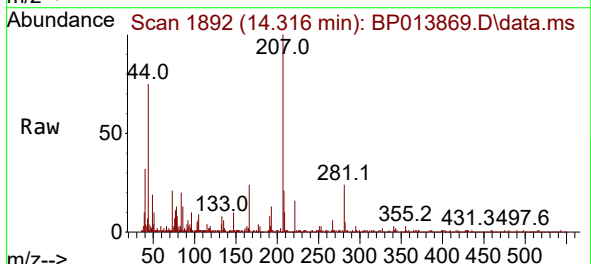
Instrument :
BNA_P
ClientSampleId :
SBLK979

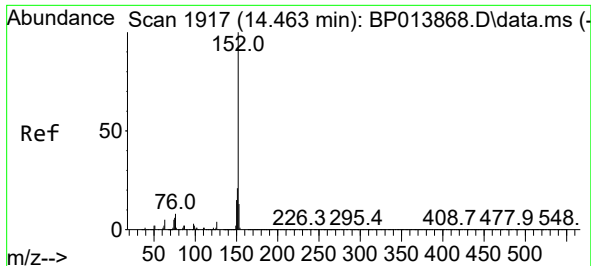
Tgt Ion:163 Resp: 122
Ion Ratio Lower Upper
163 100
194 16.8 3.4 5.2#
164 26.0 7.8 11.8#



#48
2,6-Dinitrotoluene
Concen: 0.013 ng/ul
RT: 14.316 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:165 Resp: 74
Ion Ratio Lower Upper
165 100
89 24.4 47.5 71.3#
121 21.8 16.6 24.8

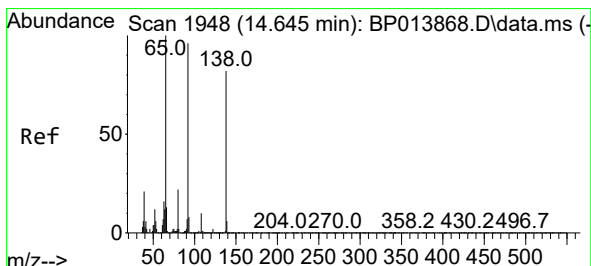
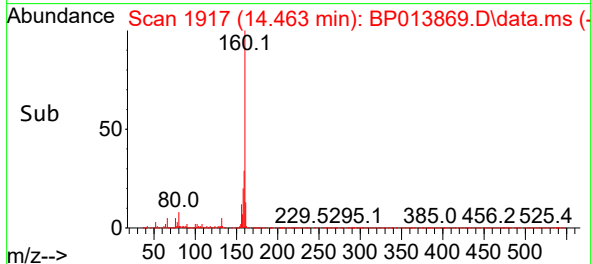
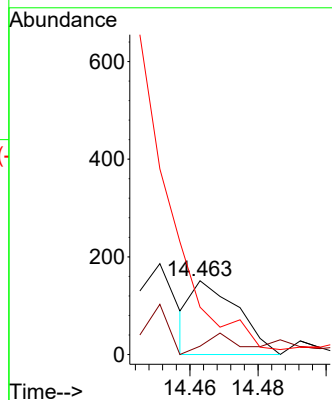
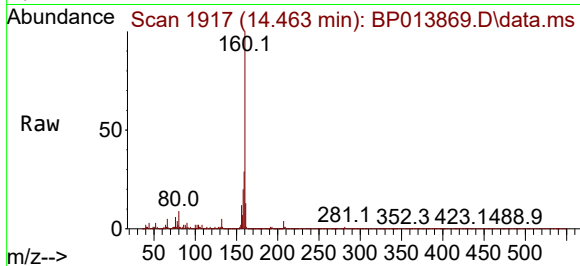




#50
Acenaphthylene
Concen: 0.004 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

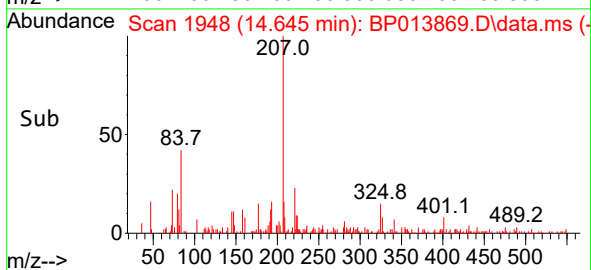
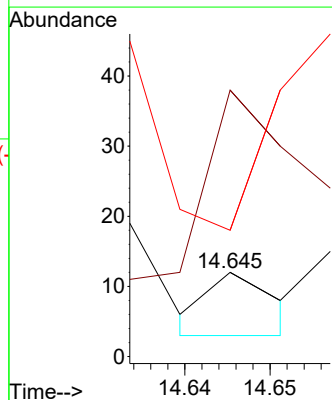
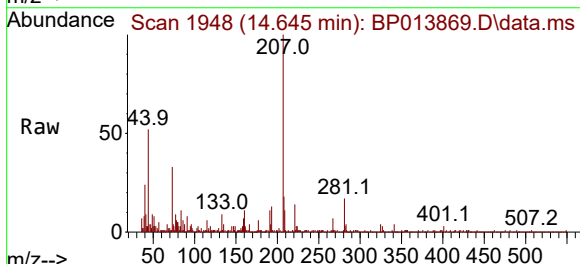
Instrument :
BNA_P
ClientSampleId :
SBLK979

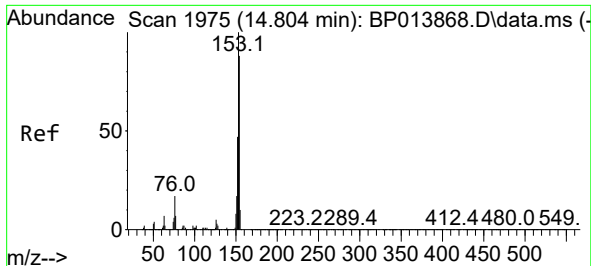
Tgt Ion:152 Resp: 141
Ion Ratio Lower Upper
152 100
151 11.3 15.8 23.6#
153 64.2 10.4 15.6#



#51
3-Nitroaniline
Concen: 0.001 ng/ul
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:138 Resp: 5
Ion Ratio Lower Upper
138 100
108 316.7 9.4 14.2#
92 150.0 97.4 146.0#

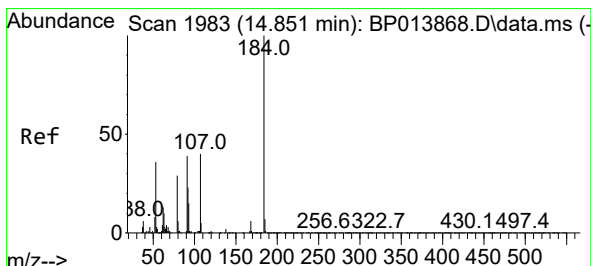
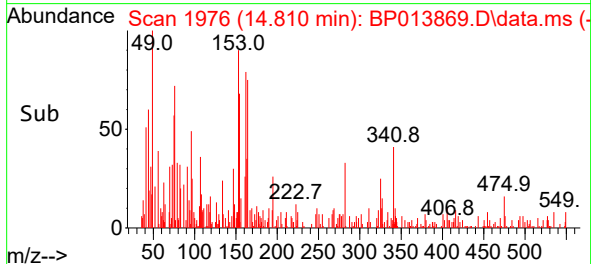
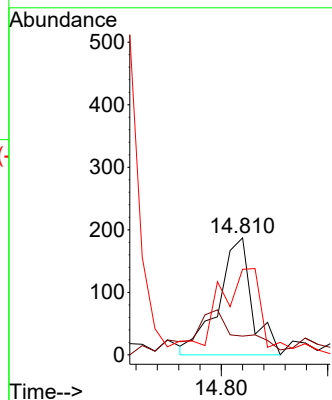
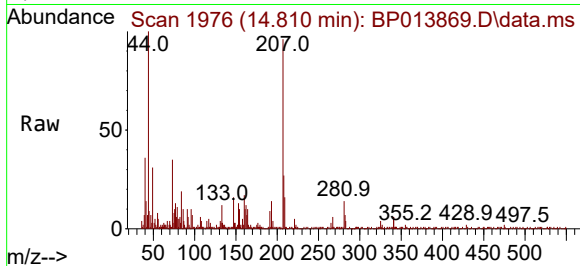




#52
Acenaphthene
Concen: 0.007 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

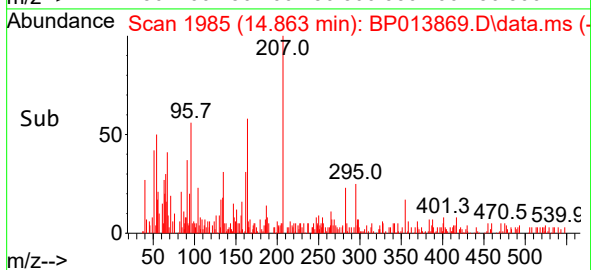
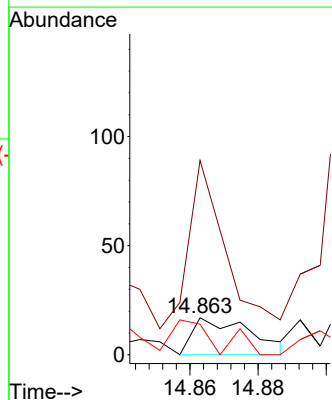
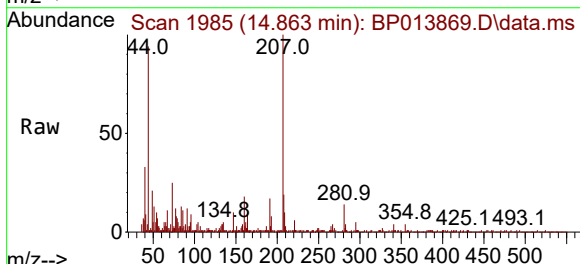
Instrument :
BNA_P
ClientSampleId :
SBLK979

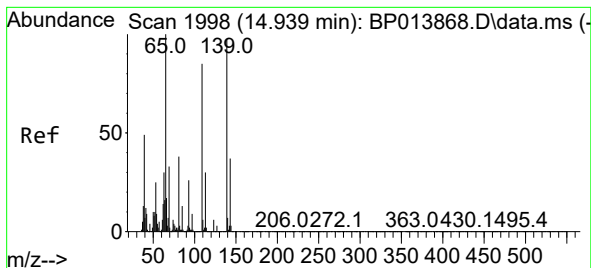
Tgt Ion:153 Resp: 205
Ion Ratio Lower Upper
153 100
152 16.0 37.4 56.0#
154 73.3 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 0.005 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 523.5 49.5 74.3#
154 176.5 54.3 81.5#

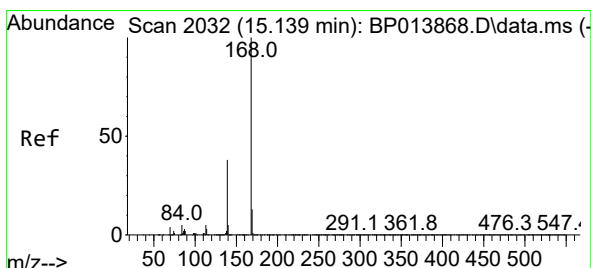
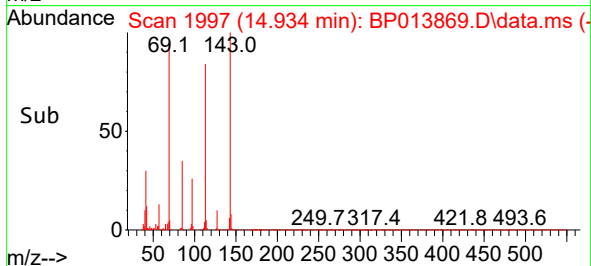
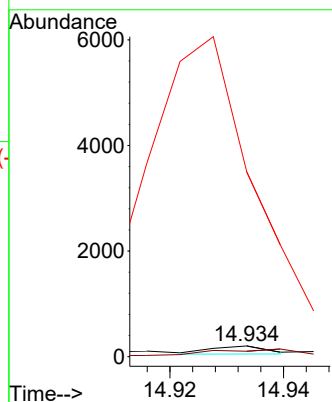
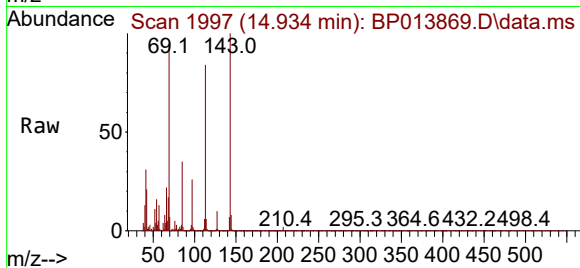




#55
4-Nitrophenol
Concen: 0.020 ng/ul
RT: 14.934 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

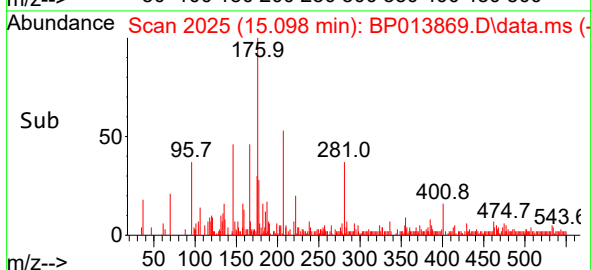
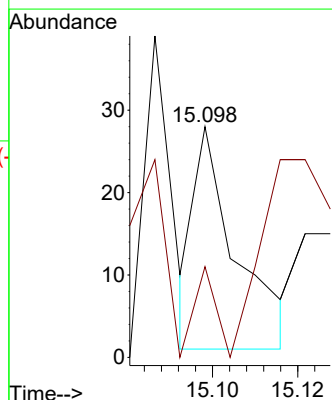
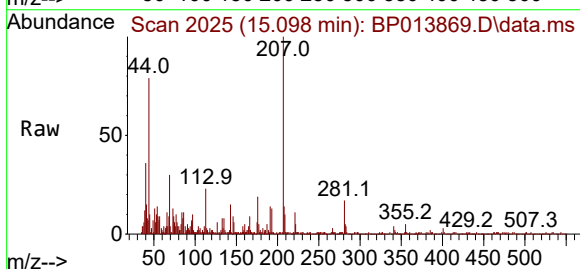
Instrument :
BNA_P
ClientSampleId :
SBLK979

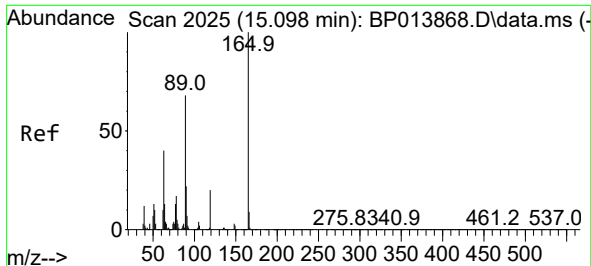
Tgt Ion:109 Resp: 104
Ion Ratio Lower Upper
109 100
139 50.5 96.0 144.0#
65 1733.2 95.8 143.6#



#56
Dibenzofuran
Concen: 0.000 ng/ul
RT: 15.098 min Scan# 2025
Delta R.T. -0.041 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:168 Resp: 19
Ion Ratio Lower Upper
168 100
139 39.3 29.6 44.4

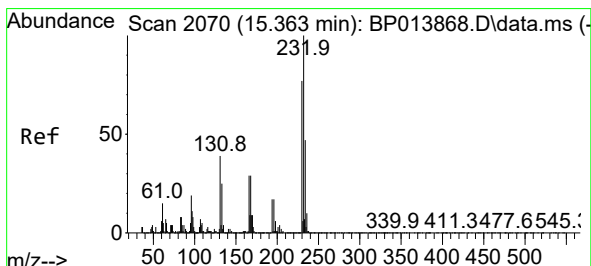
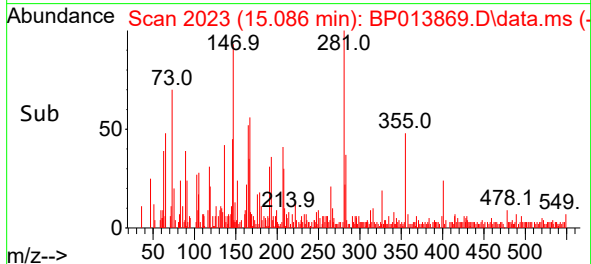
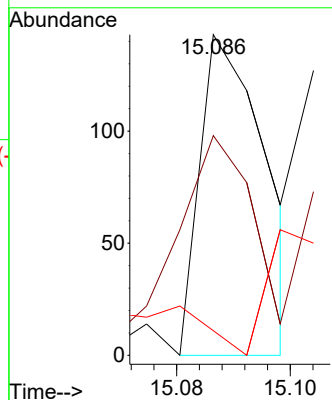
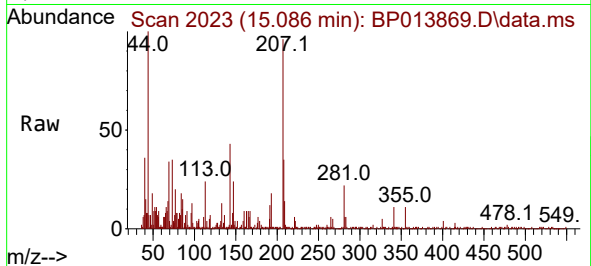




#57
2,4-Dinitrotoluene
Concen: 0.013 ng/ul
RT: 15.086 min Scan# 2065
Delta R.T. -0.012 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

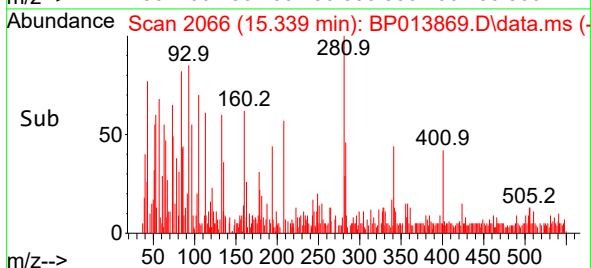
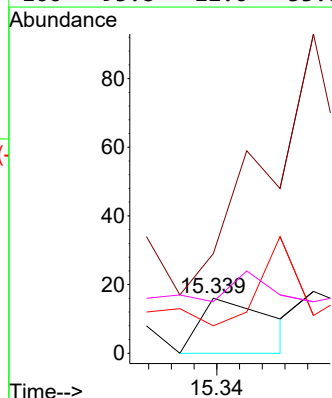
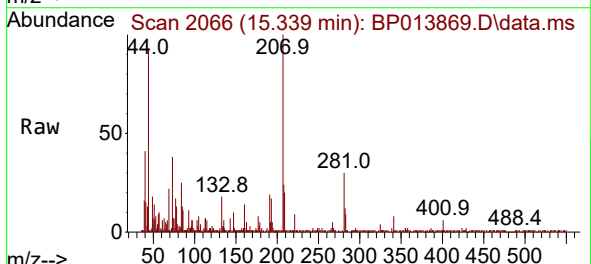
Instrument :
BNA_P
ClientSampleId :
SBLK979

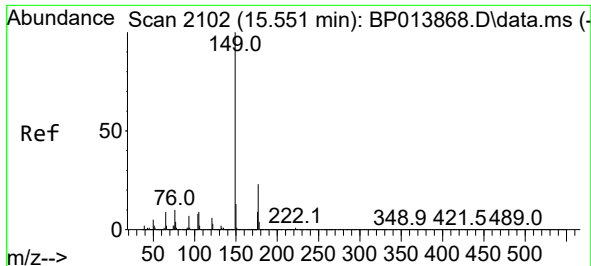
Tgt Ion:165 Resp: 116
Ion Ratio Lower Upper
165 100
63 68.5 32.0 48.0#
182 7.7 2.4 3.6#



#58
2,3,4,6-Tetrachlorophenol
Concen: 0.002 ng/ul
RT: 15.339 min Scan# 2066
Delta R.T. -0.024 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:232 Resp: 14
Ion Ratio Lower Upper
232 100
131 181.3 33.0 49.6#
130 231.3 1.5 2.3#
166 93.8 22.6 33.8#

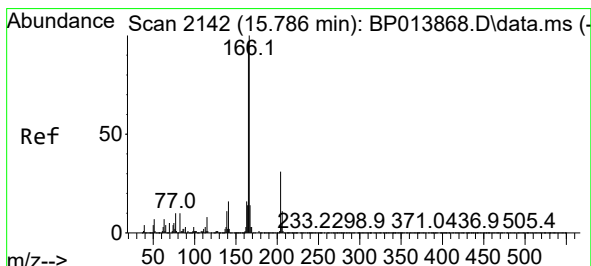
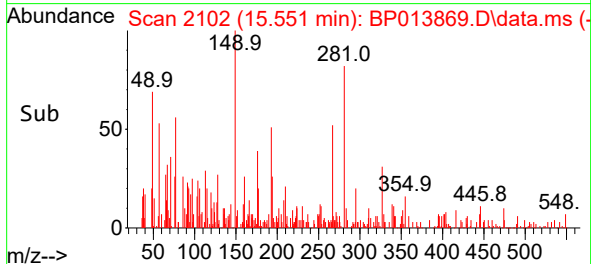
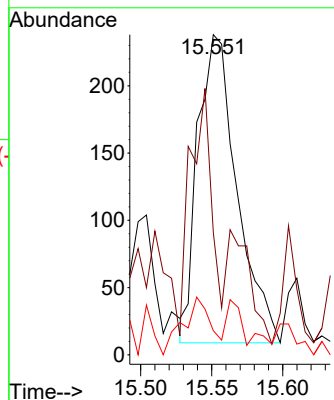
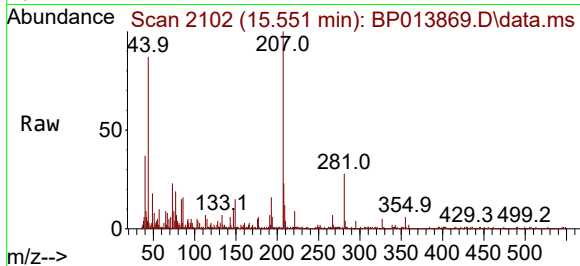




#59
Diethylphthalate
Concen: 0.013 ng/ul
RT: 15.551 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

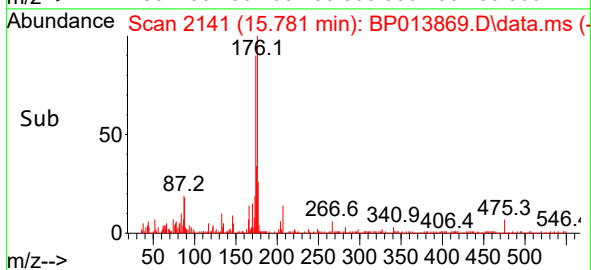
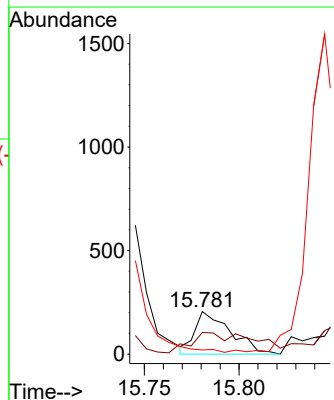
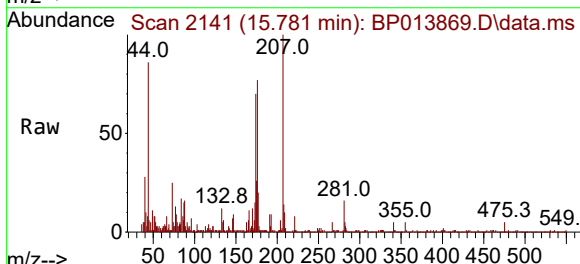
Instrument :
BNA_P
ClientSampleId :
SBLK979

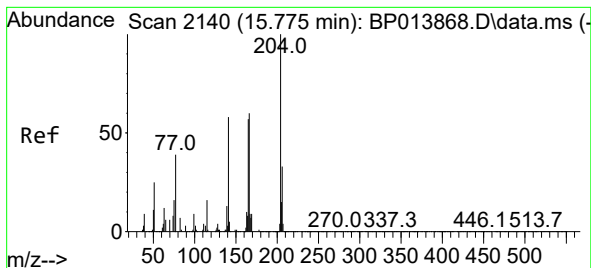
Tgt Ion:149 Resp: 439
Ion Ratio Lower Upper
149 100
177 38.2 17.8 26.8#
150 7.6 10.1 15.1#



#61
Fluorene
Concen: 0.008 ng/ul
RT: 15.781 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:166 Resp: 268
Ion Ratio Lower Upper
166 100
165 50.7 79.1 118.7#
167 9.8 10.8 16.2#

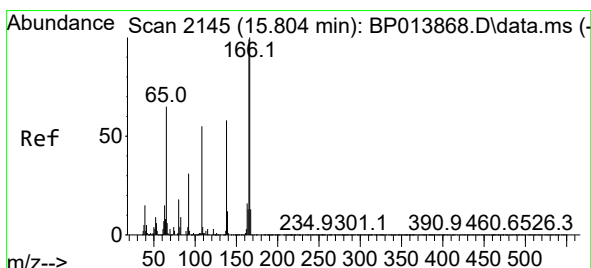
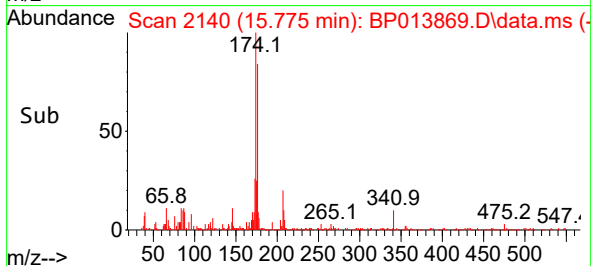
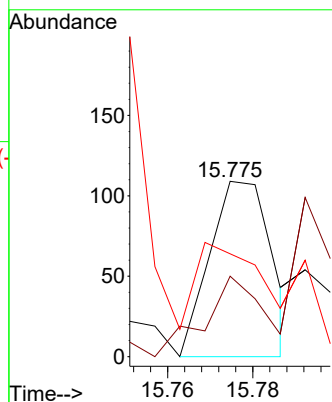
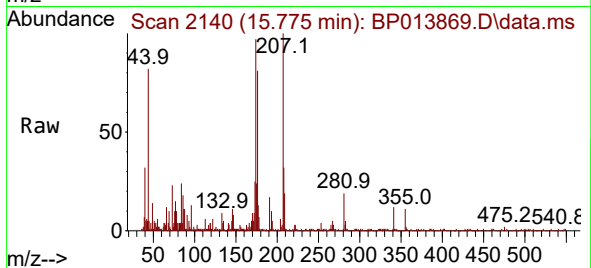




#62
4-Chlorophenyl-phenylether
Concen: 0.007 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

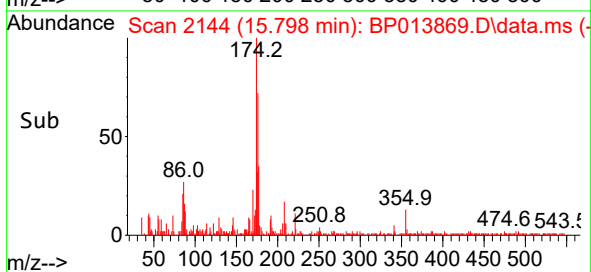
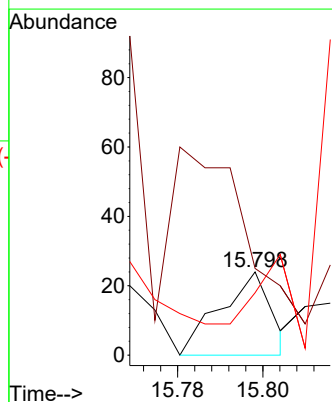
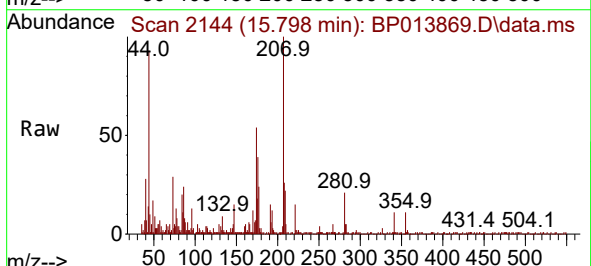
Instrument :
BNA_P
ClientSampleId :
SBLK979

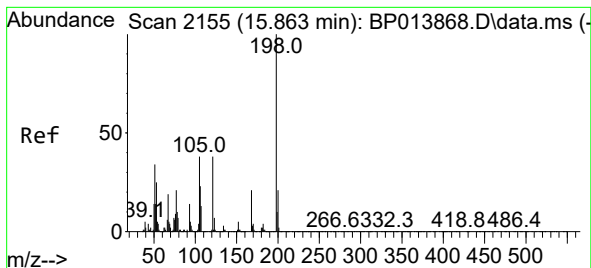
Tgt Ion:204 Resp: 110
Ion Ratio Lower Upper
204 100
206 45.9 26.7 40.1#
141 111.0 44.6 66.8#



#63
4-Nitroaniline
Concen: 0.004 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:138 Resp: 20
Ion Ratio Lower Upper
138 100
92 104.2 43.8 65.8#
108 75.0 69.8 104.6

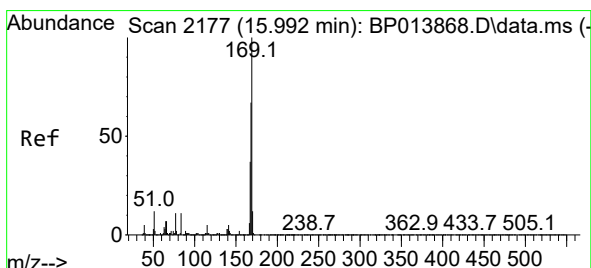
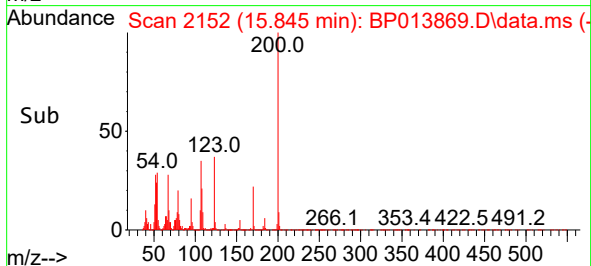
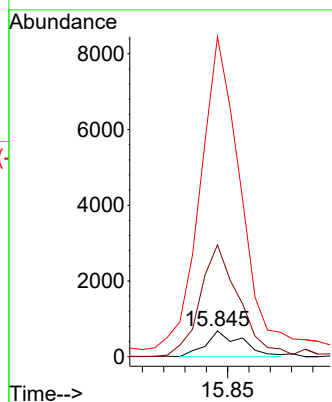
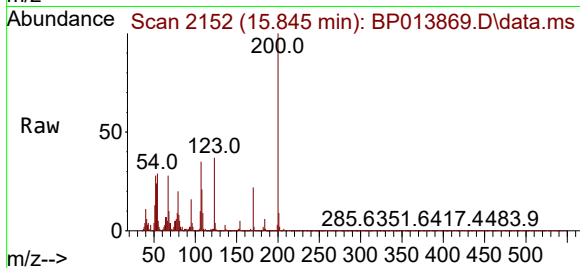




#66
4,6-Dinitro-2-methylphenol
Concen: 0.134 ng/ul
RT: 15.845 min Scan# 2152
Delta R.T. -0.018 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

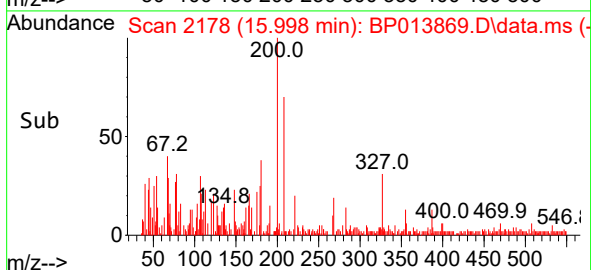
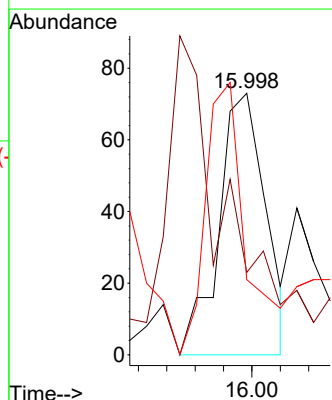
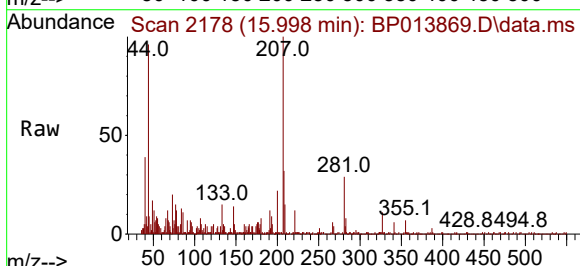
Instrument :
BNA_P
ClientSampleId :
SBLK979

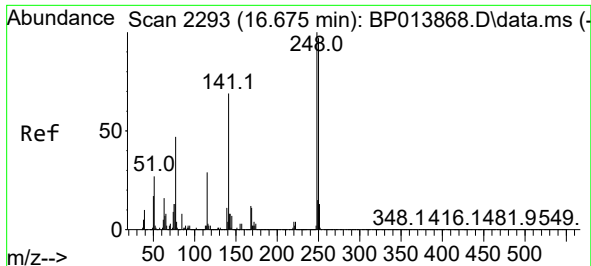
Tgt Ion:198 Resp: 814
Ion Ratio Lower Upper
198 100
182 433.6 4.1 6.1#
77 1241.3 20.3 30.5#



#67
N-Nitrosodiphenylamine
Concen: 0.003 ng/ul
RT: 15.998 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:169 Resp: 84
Ion Ratio Lower Upper
169 100
168 31.5 53.5 80.3#
167 28.8 29.8 44.6#

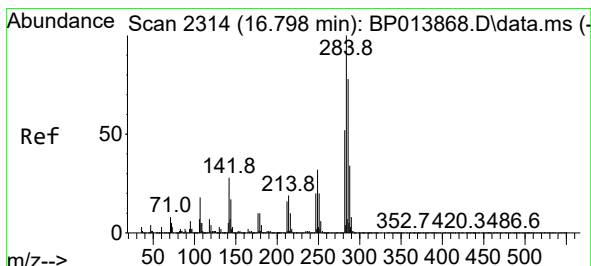
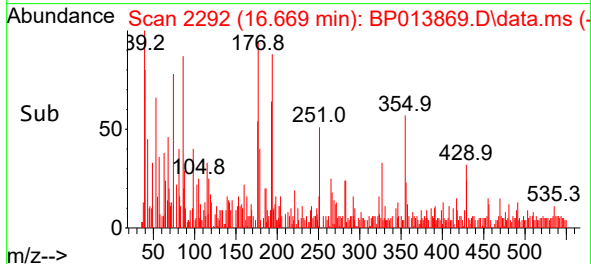
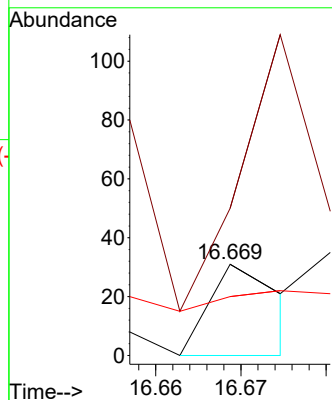
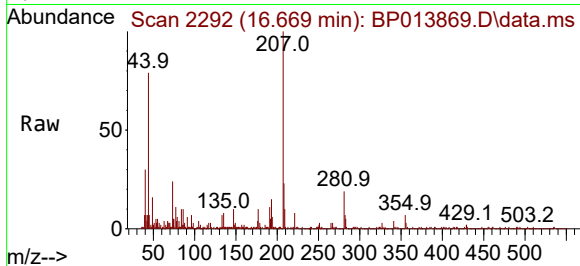




#68
4-Bromophenyl-phenylether
Concen: 0.002 ng/ul
RT: 16.669 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

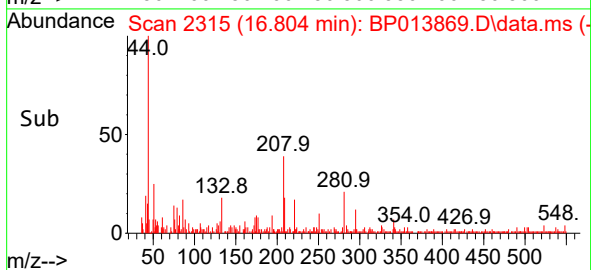
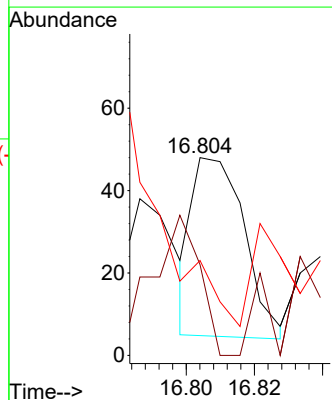
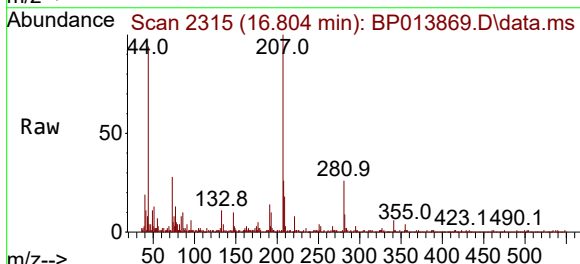
Instrument :
BNA_P
ClientSampleId :
SBLK979

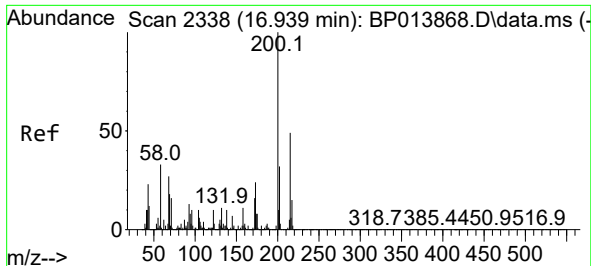
Tgt Ion:248 Resp: 18
Ion Ratio Lower Upper
248 100
250 161.3 76.0 114.0#
141 64.5 56.0 84.0



#69
Hexachlorobenzene
Concen: 0.004 ng/ul
RT: 16.804 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:284 Resp: 46
Ion Ratio Lower Upper
284 100
142 45.8 25.0 37.4#
249 47.9 24.9 37.3#

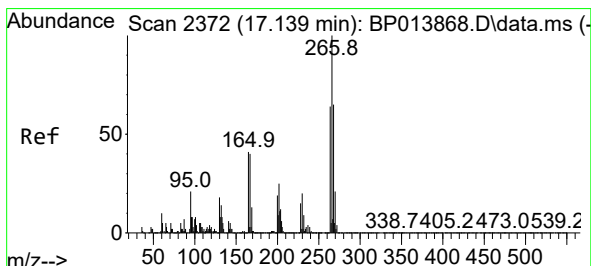
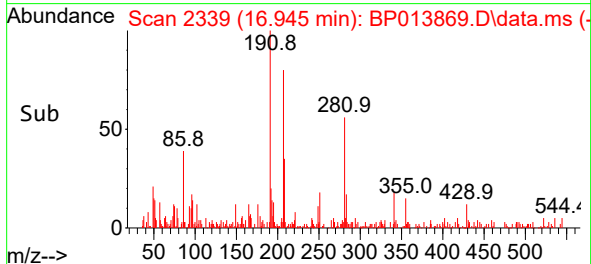
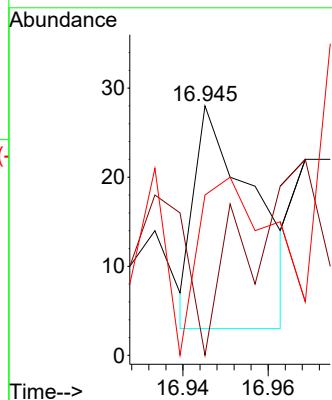
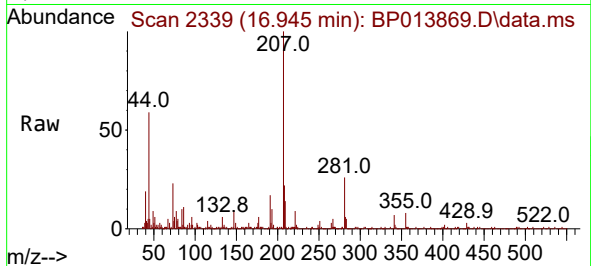




#70
Atrazine
Concen: 0.002 ng/ul
RT: 16.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

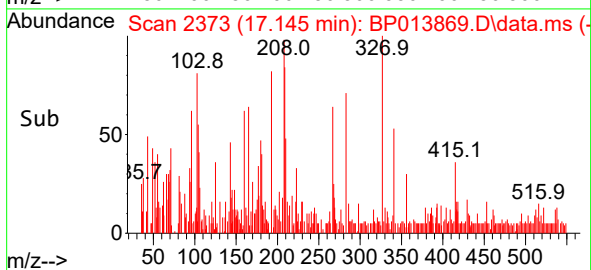
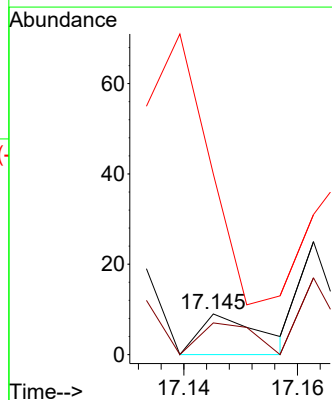
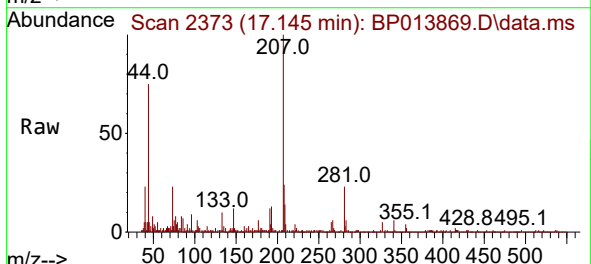
Instrument :
BNA_P
ClientSampleId :
SBLK979

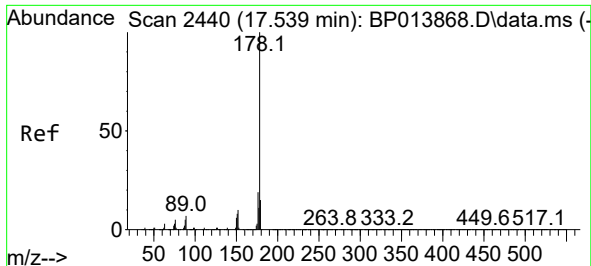
Tgt Ion:200 Resp: 24
Ion Ratio Lower Upper
200 100
173 0.0 20.4 30.6#
215 107.1 39.3 58.9#



#71
Pentachlorophenol
Concen: 0.001 ng/ul
RT: 17.145 min Scan# 2373
Delta R.T. 0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 77.8 50.5 75.7#
268 700.0 51.0 76.6#

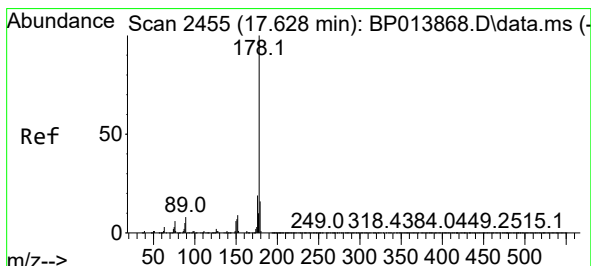
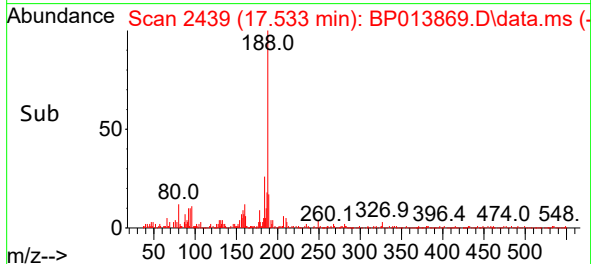
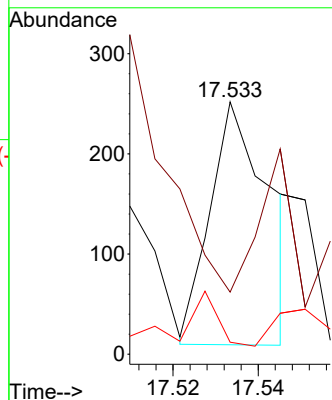
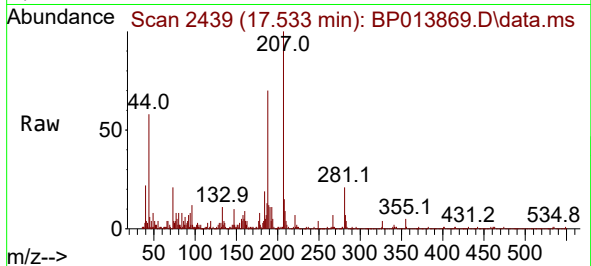




#72
Phenanthrene
Concen: 0.004 ng/ul
RT: 17.533 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

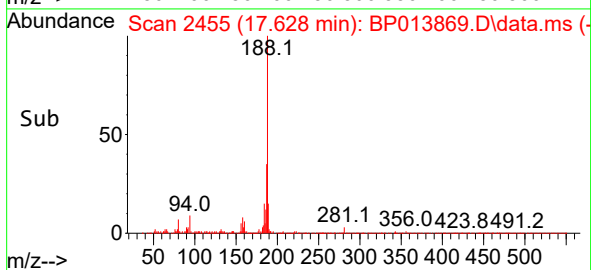
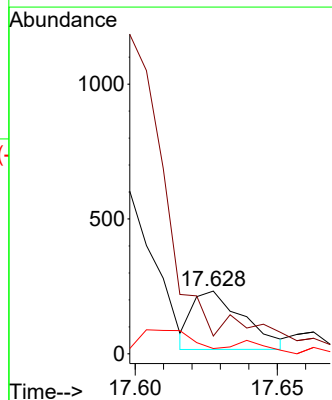
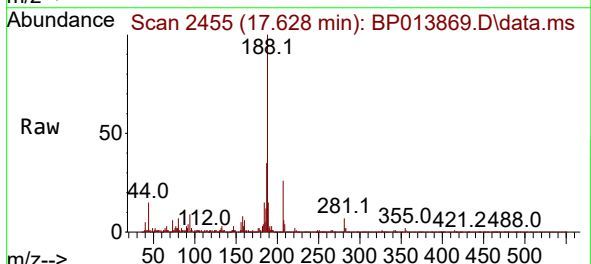
Instrument :
BNA_P
ClientSampleId :
SBLK979

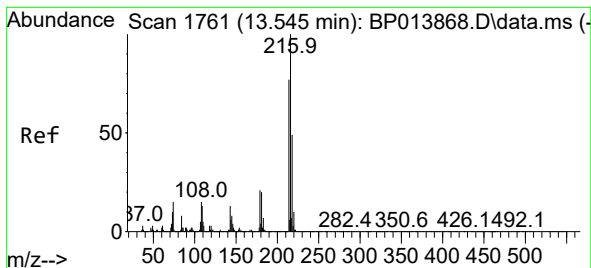
Tgt Ion:178 Resp: 236
Ion Ratio Lower Upper
178 100
179 24.6 12.2 18.2#
176 4.8 15.2 22.8#



#74
Anthracene
Concen: 0.005 ng/ul
RT: 17.628 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:178 Resp: 272
Ion Ratio Lower Upper
178 100
179 28.3 12.2 18.4#
176 8.6 15.0 22.4#

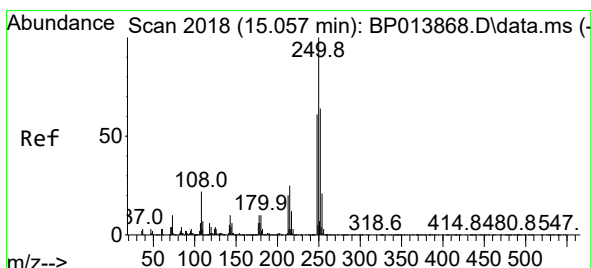
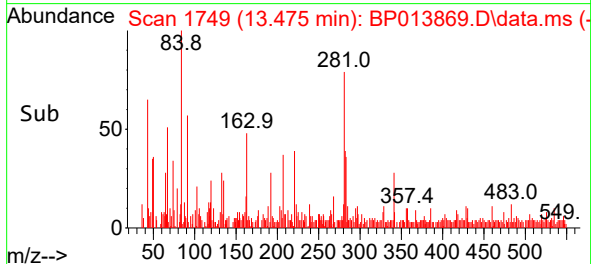
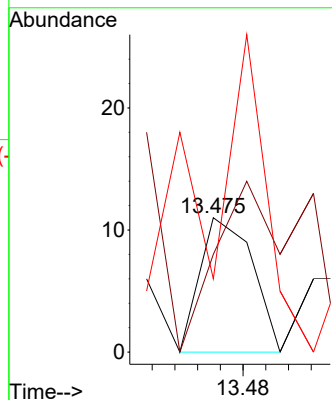
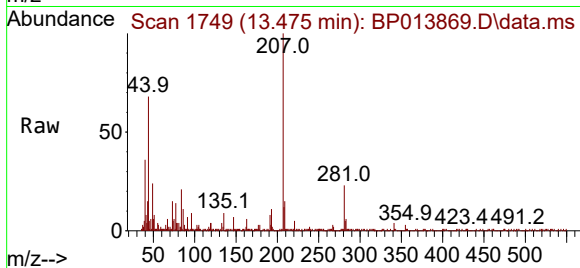




#75
1,2,3,4-Tetrachlorobenzene
Concen: 0.001 ng/uL
RT: 13.475 min Scan# 11
Delta R.T. -0.071 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

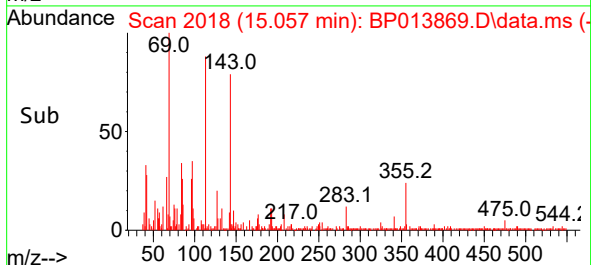
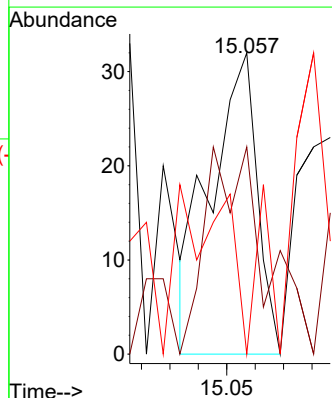
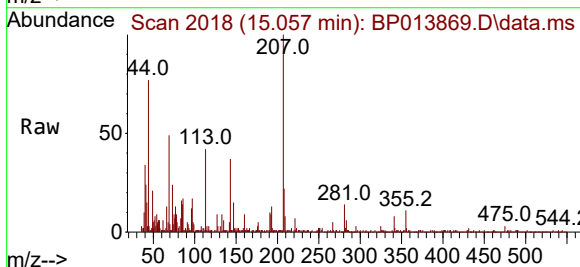
Instrument :
BNA_P
ClientSampleId :
SBLK979

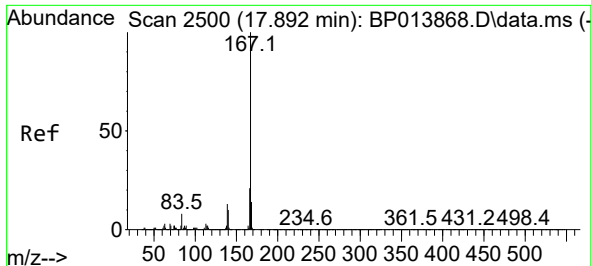
Tgt Ion:	216	Resp:	7
Ion Ratio	Lower	Upper	
216	100		
214	72.7	62.6	94.0
218	54.5	39.0	58.4



#76
Pentachlorobenzene
Concen: 0.003 ng/uL
RT: 15.057 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:	250	Resp:	36
Ion Ratio	Lower	Upper	
250	100		
248	68.8	51.1	76.7
252	0.0	51.0	76.6#

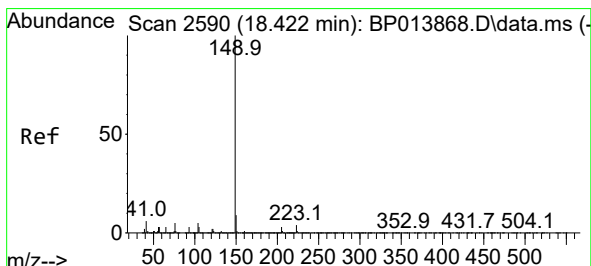
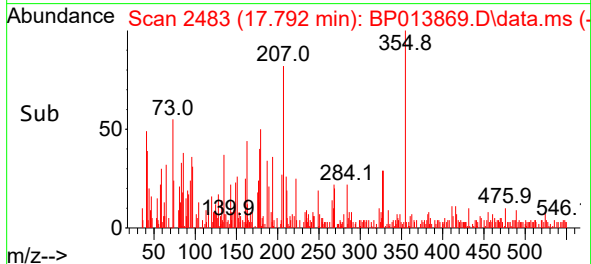
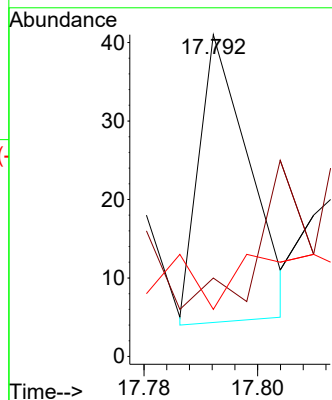
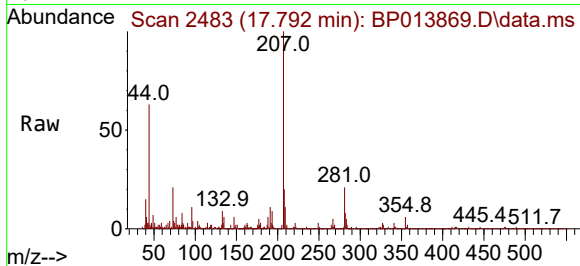




#77
 Carbazole
 Concen: 0.000 ng/ul
 RT: 17.792 min Scan# 2483
 Delta R.T. -0.106 min
 Lab File: BP013869.D
 Acq: 22 Feb 2023 10:07

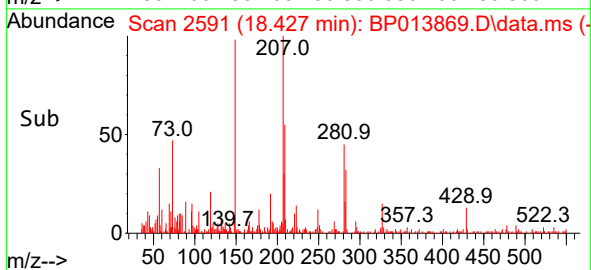
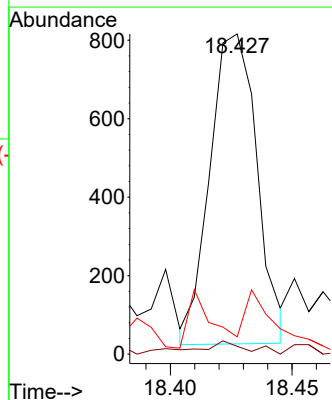
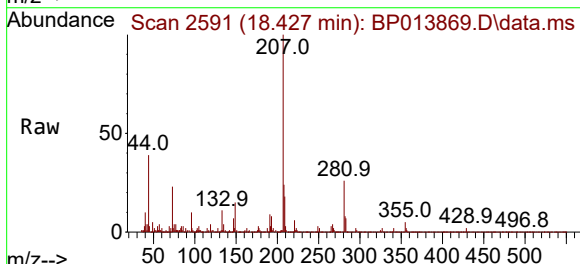
Instrument :
 BNA_P
 ClientSampleId :
 SBLK979

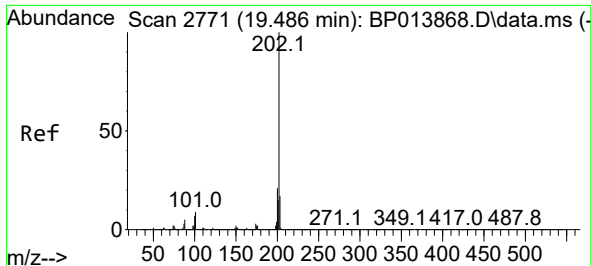
Tgt Ion:167	Resp:	23
Ion Ratio	Lower	Upper
167	100	
166	24.4	17.3 25.9
139	14.6	10.4 15.6



#78
 Di-n-butylphthalate
 Concen: 0.019 ng/ul
 RT: 18.427 min Scan# 2591
 Delta R.T. -0.000 min
 Lab File: BP013869.D
 Acq: 22 Feb 2023 10:07

Tgt Ion:149	Resp:	1063
Ion Ratio	Lower	Upper
149	100	
150	2.5	7.1 10.7#
104	5.4	4.1 6.1

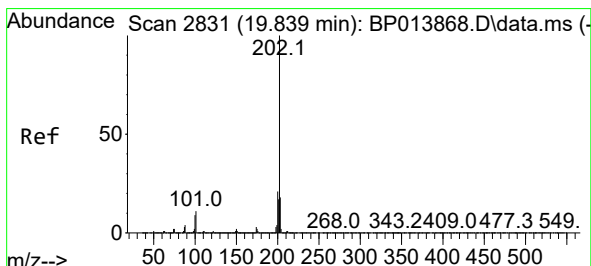
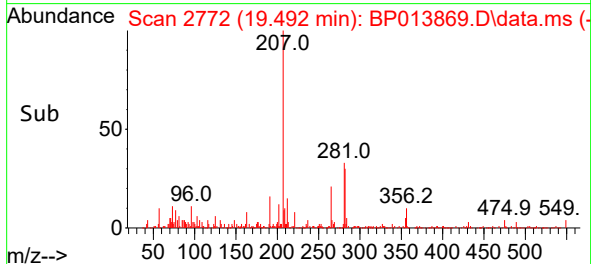
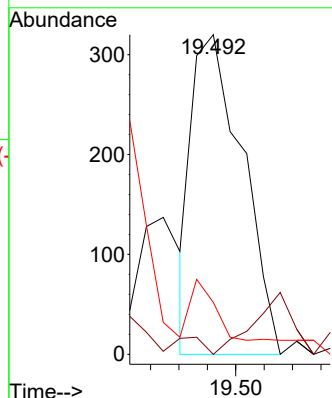
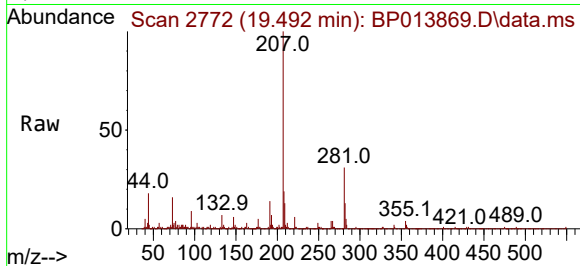




#80
Fluoranthene
Concen: 0.006 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

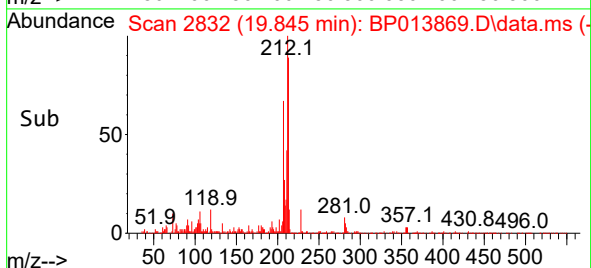
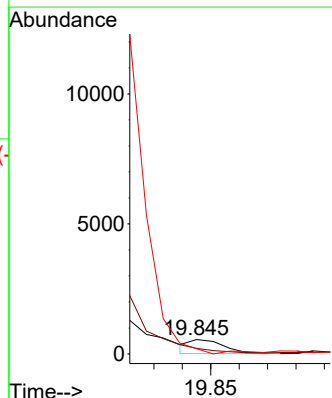
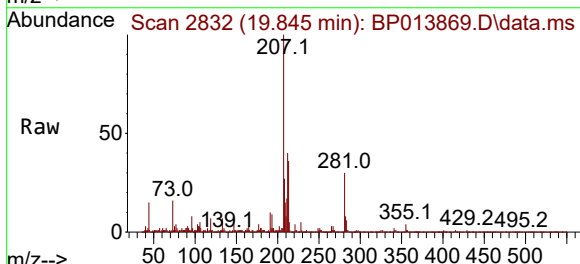
Instrument :
BNA_P
ClientSampleId :
SBLK979

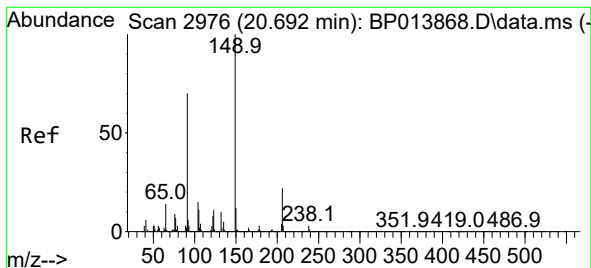
Tgt Ion:202 Resp: 396
Ion Ratio Lower Upper
202 100
101 0.0 8.6 12.8#
100 16.3 6.3 9.5#



#82
Pyrene
Concen: 0.007 ng/ul
RT: 19.845 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:202 Resp: 461
Ion Ratio Lower Upper
202 100
101 38.7 10.3 15.5#
100 36.5 8.5 12.7#





#83

Butylbenzylphthalate

Concen: 0.012 ng/ul

RT: 20.692 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SBLK979

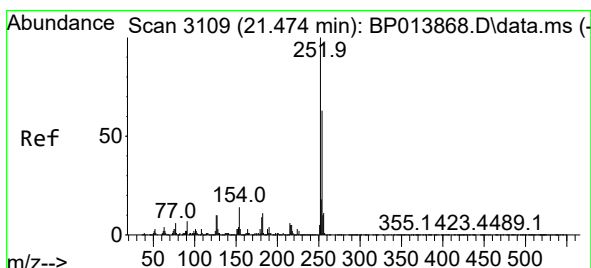
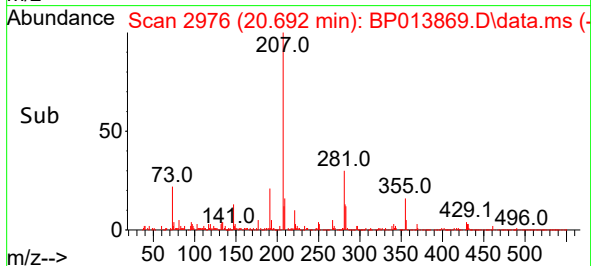
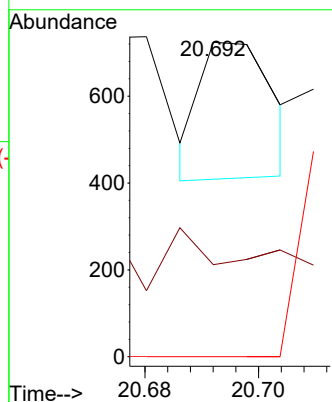
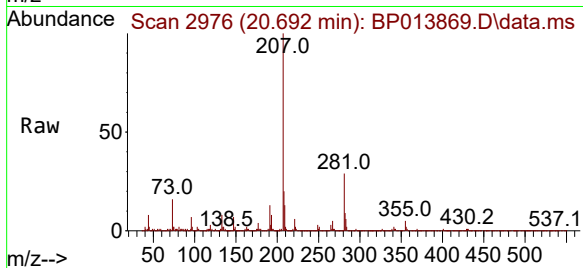
Tgt Ion:149 Resp: 279

Ion Ratio Lower Upper

149 100

91 29.3 57.7 86.5#

206 0.0 16.7 25.1#



#84

3,3'-Dichlorobenzidine

Concen: 0.003 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

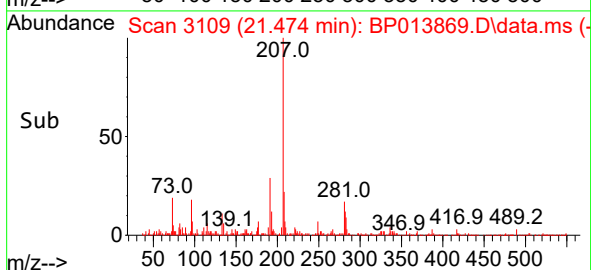
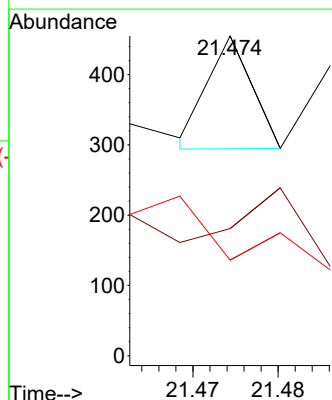
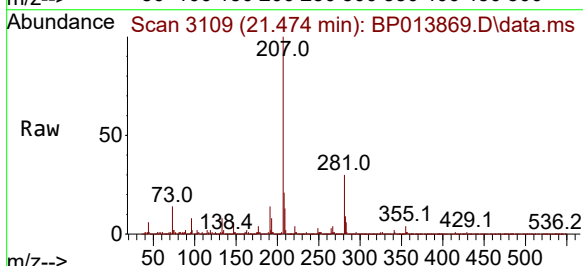
Tgt Ion:252 Resp: 57

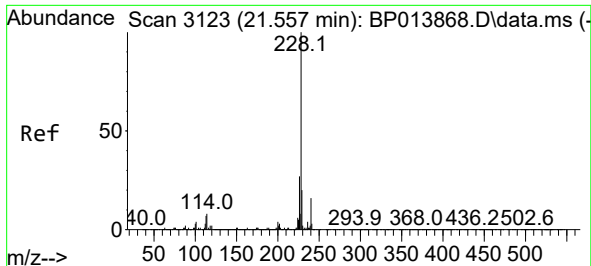
Ion Ratio Lower Upper

252 100

254 39.8 51.8 77.6#

126 29.9 7.9 11.9#

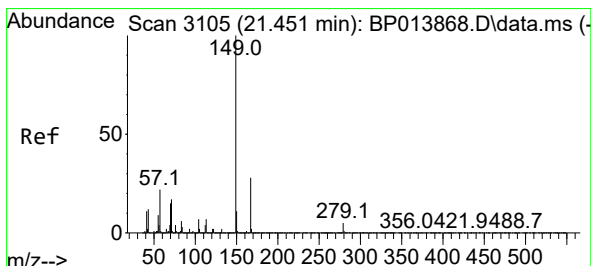
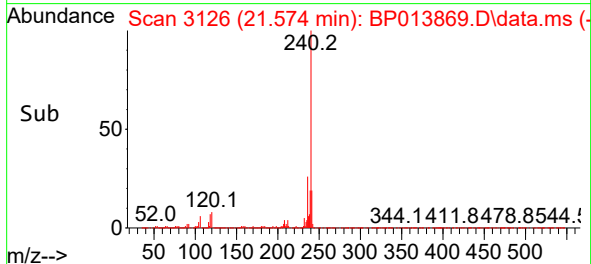
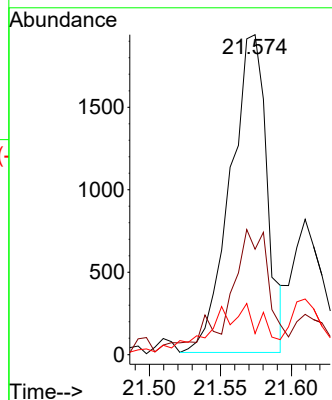
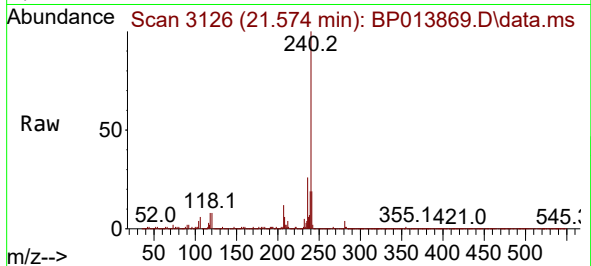




#85
Benzo(a)anthracene
Concen: 0.051 ng/ul
RT: 21.574 min Scan# 3126
Delta R.T. 0.017 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

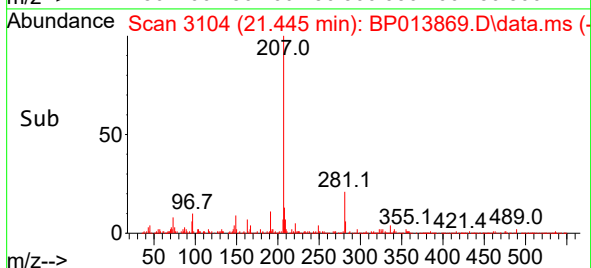
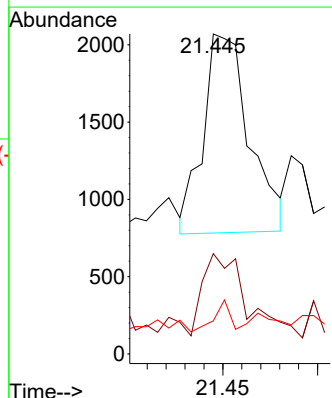
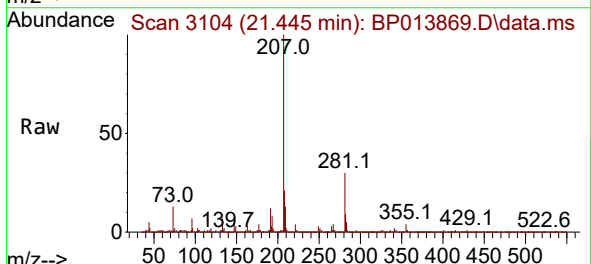
Instrument :
BNA_P
ClientSampleId :
SBLK979

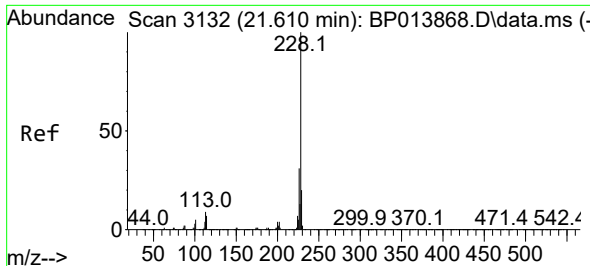
Tgt Ion:228 Resp: 3462
Ion Ratio Lower Upper
228 100
229 32.9 15.4 23.2#
226 6.6 21.8 32.6#



#86
Bis(2-ethylhexyl)phthalate
Concen: 0.061 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:149 Resp: 2182
Ion Ratio Lower Upper
149 100
167 31.4 21.5 32.3
279 10.3 3.2 4.8#

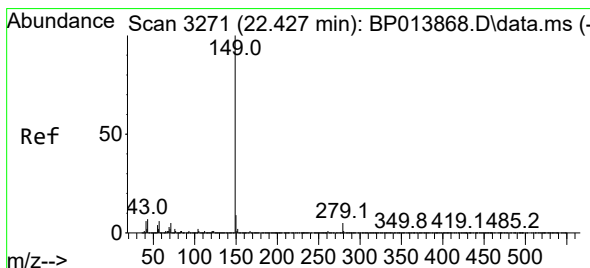
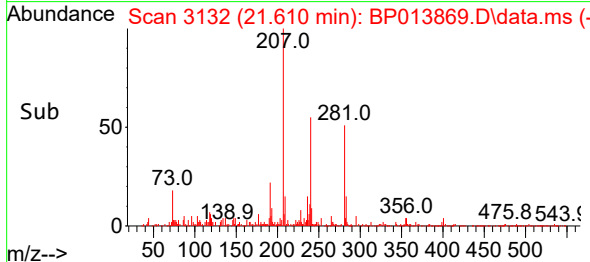
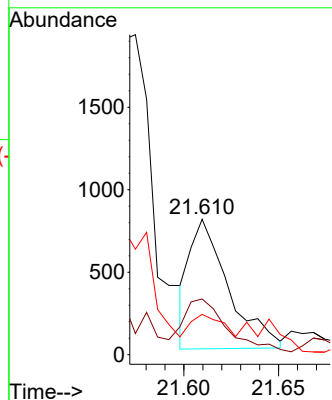
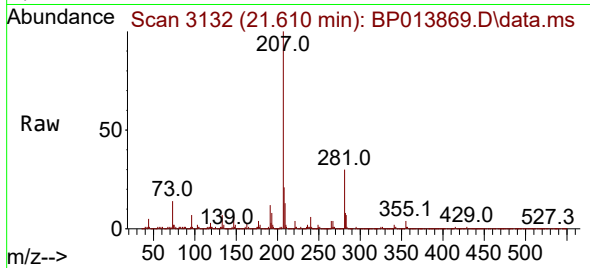




#87
Chrysene
Concen: 0.018 ng/ul
RT: 21.610 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

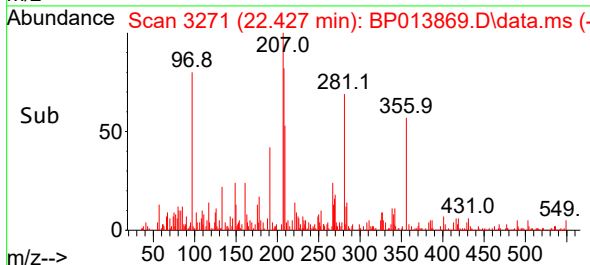
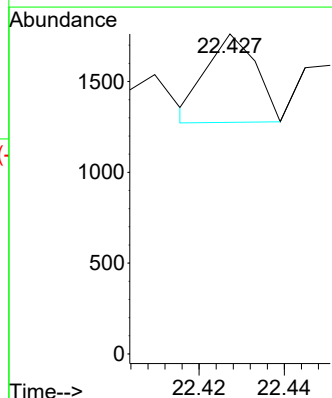
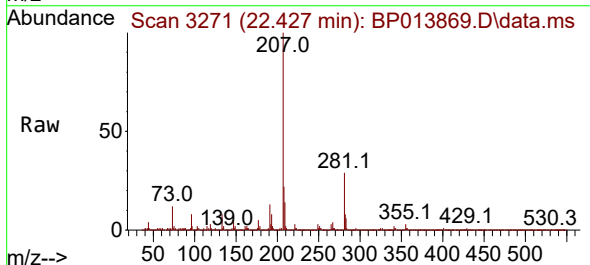
Instrument :
BNA_P
ClientSampleId :
SBLK979

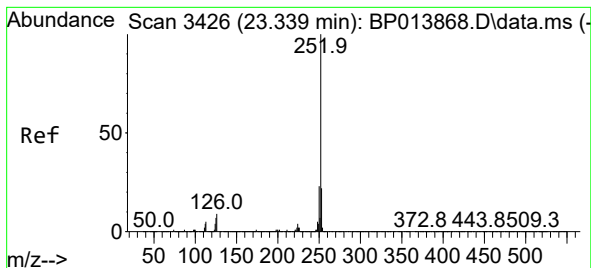
Tgt Ion:228 Resp: 1122
Ion Ratio Lower Upper
228 100
226 41.2 25.0 37.6#
229 29.8 16.4 24.6#



#89
Di-n-octyl phthalate
Concen: 0.006 ng/ul
RT: 22.427 min Scan# 3271
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:149 Resp: 392





#90

Benzo(b)fluoranthene

Concen: 0.011 ng/ul

RT: 23.339 min Scan# 3426

Delta R.T. -0.000 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SBLK979

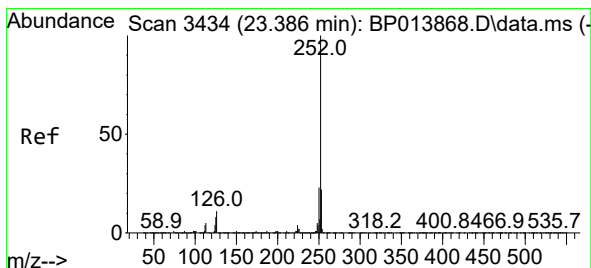
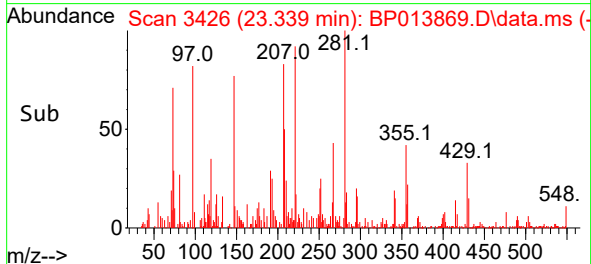
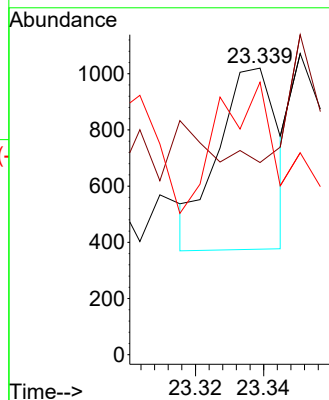
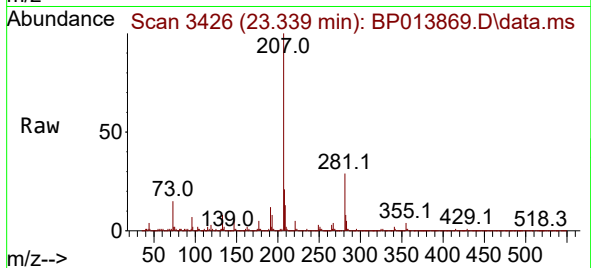
Tgt Ion:252 Resp: 784

Ion Ratio Lower Upper

252 100

253 67.1 17.5 26.3#

125 95.1 7.8 11.6#



#91

Benzo(k)fluoranthene

Concen: 0.007 ng/ul

RT: 23.386 min Scan# 3434

Delta R.T. -0.006 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

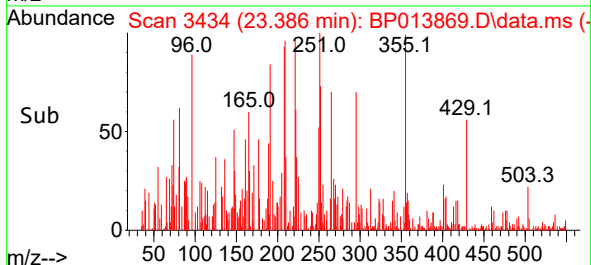
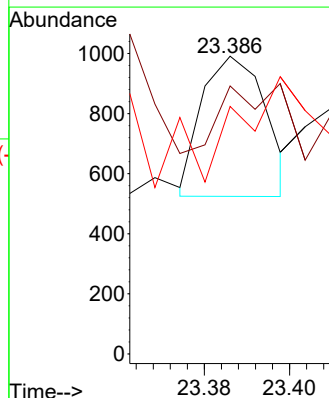
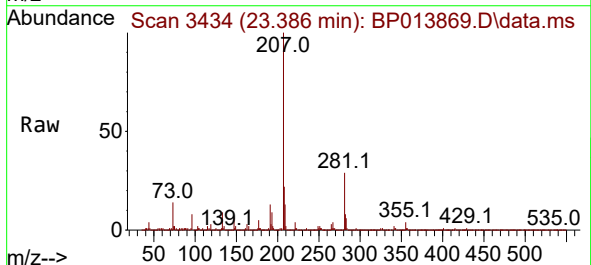
Tgt Ion:252 Resp: 487

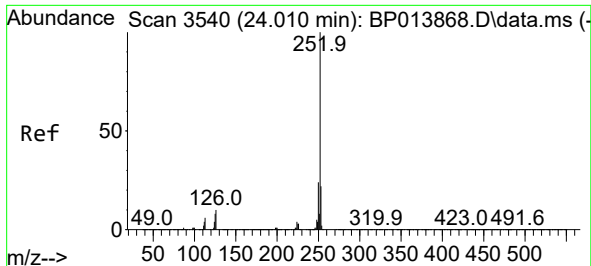
Ion Ratio Lower Upper

252 100

253 90.0 17.1 25.7#

125 83.1 7.2 10.8#

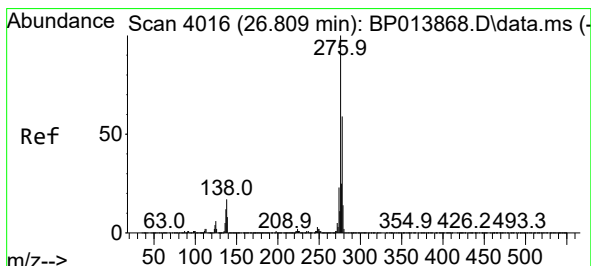
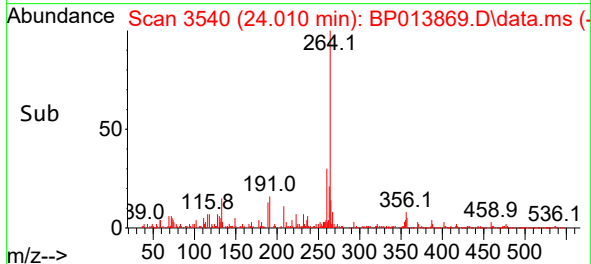
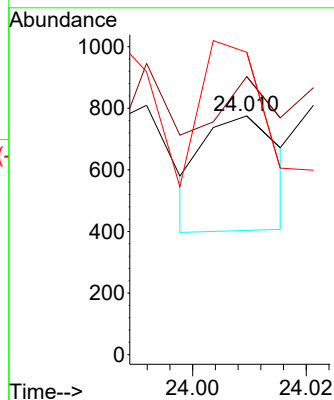
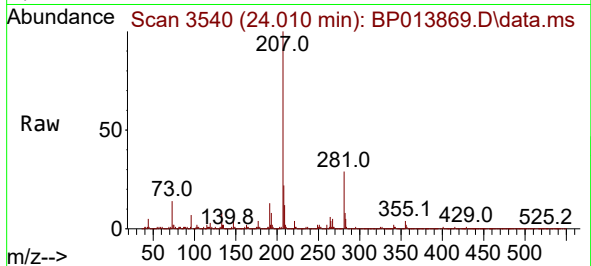




#93
Benzo(a)pyrene
Concen: 0.006 ng/ul
RT: 24.010 min Scan# 3540
Delta R.T. -0.006 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

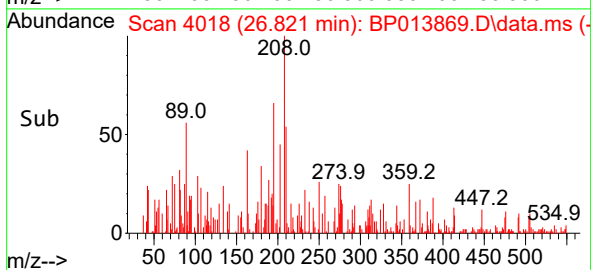
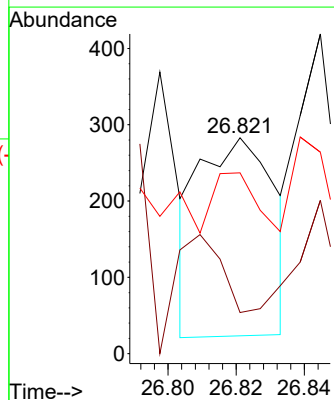
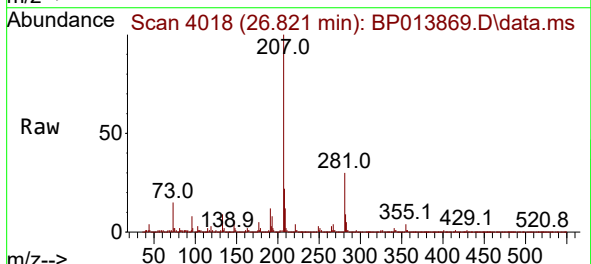
Instrument :
BNA_P
ClientSampleId :
SBLK979

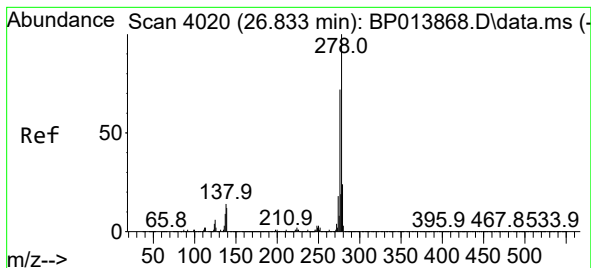
Tgt Ion:252 Resp: 346
Ion Ratio Lower Upper
252 100
253 116.5 17.4 26.0#
125 126.7 8.2 12.2#



#94
Indeno(1,2,3-cd)pyrene
Concen: 0.006 ng/ul
RT: 26.821 min Scan# 4018
Delta R.T. -0.000 min
Lab File: BP013869.D
Acq: 22 Feb 2023 10:07

Tgt Ion:276 Resp: 397
Ion Ratio Lower Upper
276 100
138 19.1 18.4 27.6
277 83.7 19.7 29.5#





#95

Dibenzo(a,h)anthracene

Concen: 0.004 ng/ul

RT: 26.833 min Scan# 4020

Delta R.T. -0.006 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

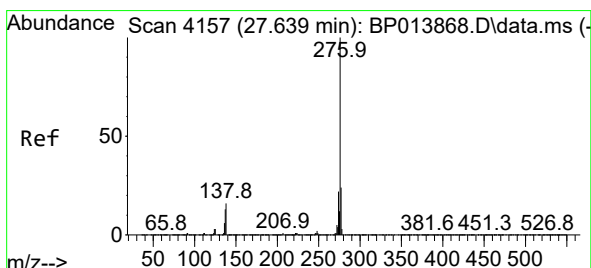
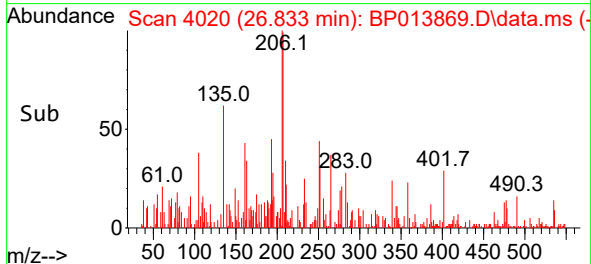
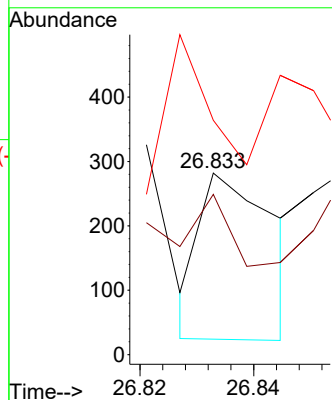
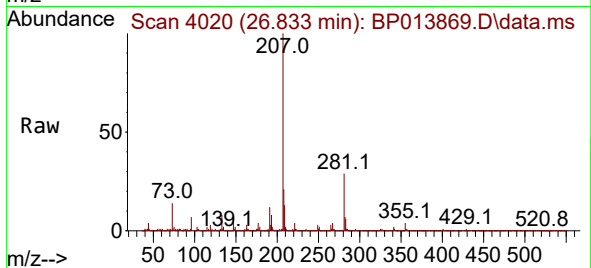
Instrument :

BNA_P

ClientSampleId :

SBLK979

Tgt Ion:	278	Resp:	234
Ion Ratio	Lower	Upper	
278	100		
139	88.3	12.0	18.0#
279	129.1	18.9	28.3#



#96

Benzo(g,h,i)perylene

Concen: 0.004 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BP013869.D

Acq: 22 Feb 2023 10:07

Tgt Ion:	276	Resp:	192
Ion Ratio	Lower	Upper	
276	100		
138	29.4	15.9	23.9#
277	35.6	19.0	28.6#

