

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
 Data File : BP014933.D
 Acq On : 03 May 2023 15:58
 Operator : CG/JU
 Sample : PB152413BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SBLK413

Quant Time: May 04 06:17:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 03 23:33:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	243168	20.000	ng/ul	0.00
20) Naphthalene-d8	11.004	136	980336	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	558172	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	1069807	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	842534	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1010370	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	41109	6.286	ng/uL	0.00
4) Pyridine-d5	3.899	84	439785	24.602	ng/ul	0.00
7) Phenol-d5	7.305	99	561376	26.628	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	372445	28.582	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	470047	30.322	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	436510	26.868	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	215424	30.897	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	220760	30.835	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	393074	27.962	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	512364	25.198	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	1210314	30.637	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	1444563	30.490	ng/ul	0.00
54) 4-Nitrophenol-d4	14.986	143	122355	17.803	ng/ul	0.00
60) Fluorene-d10	15.804	176	1026184	30.193	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	135533	22.505	ng/ul	0.00
73) Anthracene-d10	17.669	188	1515814	31.535	ng/ul	0.00
81) Pyrene-d10	19.886	212	1671769	29.420	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	1605245	32.608	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	109	0.015	ng/ul#	32
5) Pyridine	3.928	79	862	0.046	ng/ul#	1
6) Benzaldehyde	7.305	77	1005	0.174	ng/ul#	10
8) Phenol	7.328	94	128	0.006	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.581	93	226	0.012	ng/ul#	66
12) 2-Chlorophenol	7.716	128	23	0.001	ng/ul#	1
13) 2-Methylphenol	8.563	108	10	0.001	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.710	45	97	0.004	ng/ul#	1
16) Acetophenone	8.999	105	45	0.002	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.993	70	181	0.013	ng/ul#	55
18) 4-Methylphenol	8.781	108	55	0.003	ng/ul	93
19) Hexachloroethane	9.257	117	48	0.007	ng/ul#	30
22) Nitrobenzene	9.381	77	503	0.027	ng/ul#	50
23) Isophorone	9.922	82	155	0.004	ng/ul#	63
25) 2-Nitrophenol	10.104	139	6	0.001	ng/ul#	1
26) 2,4-Dimethylphenol	10.157	107	79	0.004	ng/ul#	49
27) Bis(2-Chloroethoxy)met...	10.404	93	89	0.004	ng/ul#	79
29) 2,4-Dichlorophenol	10.640	162	28	0.002	ng/ul#	1
30) Naphthalene	10.998	128	128	0.002	ng/ul	99
32) 4-Chloroaniline	11.163	127	28	0.001	ng/ul#	1
33) Hexachlorobutadiene	11.328	225	29	0.003	ng/ul#	84
34) Caprolactam	11.887	113	67	0.015	ng/ul	88
35) 4-Chloro-3-methylphenol	12.275	107	66	0.004	ng/ul#	31
36) 2-Methylnaphthalene	12.657	142	61	0.002	ng/ul#	24

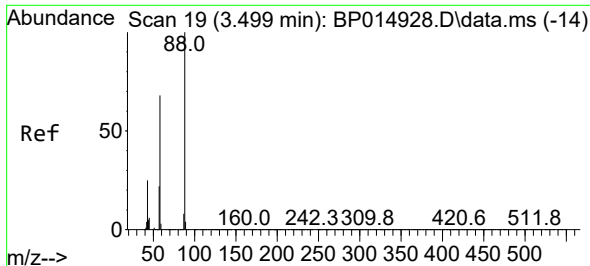
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.875	142	101	0.003	ng/ul#	10
39) 1,2,4,5-Tetrachloroben...	13.022	216	12	0.001	ng/ul#	60
40) Hexachlorocyclopentadiene	13.004	237	19	0.002	ng/ul	89
41) 2,4,6-Trichlorophenol	13.251	196	5	0.000	ng/ul#	1
42) 2,4,5-Trichlorophenol	13.310	196	8	0.001	ng/ul#	69
43) 1,1'-Biphenyl	13.639	154	8	0.000	ng/ul#	1
44) 2-Chloronaphthalene	13.704	162	26	0.001	ng/ul#	1
45) 2-Nitroaniline	13.904	65	93	0.011	ng/ul#	37
47) Dimethylphthalate	14.257	163	77	0.002	ng/ul#	68
48) 2,6-Dinitrotoluene	14.375	165	84	0.011	ng/ul#	80
50) Acenaphthylene	14.539	152	299	0.006	ng/ul#	85
51) 3-Nitroaniline	14.698	138	14	0.002	ng/ul#	80
52) Acenaphthene	14.875	153	82	0.002	ng/ul#	47
53) 2,4-Dinitrophenol	14.904	184	9	0.002	ng/ul#	1
55) 4-Nitrophenol	15.010	109	47	0.009	ng/ul#	1
56) Dibenzofuran	15.210	168	284	0.006	ng/ul	92
57) 2,4-Dinitrotoluene	15.128	165	114	0.011	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.428	232	16	0.002	ng/ul#	1
59) Diethylphthalate	15.622	149	125	0.003	ng/ul#	1
61) Fluorene	16.016	166	52	0.001	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.857	204	34	0.002	ng/ul#	21
63) 4-Nitroaniline	15.875	138	10	0.002	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.916	198	614	0.096	ng/ul#	1
67) N-Nitrosodiphenylamine	16.057	169	62	0.002	ng/ul#	78
68) 4-Bromophenyl-phenylether	16.757	248	14	0.001	ng/ul#	28
69) Hexachlorobenzene	16.875	284	83	0.006	ng/ul#	66
70) Atrazine	17.004	200	16	0.001	ng/ul#	1
71) Pentachlorophenol	17.198	266	9	0.001	ng/ul	94
72) Phenanthrene	17.616	178	368	0.006	ng/ul#	74
74) Anthracene	17.698	178	213	0.004	ng/ul#	1
75) 1,2,3,4-Tetrachloroben...	13.616	216	31	0.002	ng/ul#	68
76) Pentachlorobenzene	15.110	250	12	0.001	ng/ul	94
77) Carbazole	17.910	167	83	0.002	ng/ul	97
78) Di-n-butylphthalate	18.504	149	680	0.012	ng/ul#	85
80) Fluoranthene	19.563	202	385	0.006	ng/ul#	62
82) Pyrene	19.886	202	3073	0.042	ng/ul#	1
83) Butylbenzylphthalate	20.774	149	90	0.004	ng/ul#	58
84) 3,3'-Dichlorobenzidine	21.557	252	196	0.014	ng/ul#	56
85) Benzo(a)anthracene	21.651	228	2557	0.045	ng/ul#	65
86) Bis(2-ethylhexyl)phtha...	21.533	149	1151	0.041	ng/ul#	94
87) Chrysene	21.692	228	450	0.008	ng/ul#	67
89) Di-n-octyl phthalate	22.527	149	303	0.005	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	187	0.003	ng/ul#	1
91) Benzo(k)fluoranthene	23.504	252	50	0.001	ng/ul#	1
93) Benzo(a)pyrene	24.133	252	606	0.011	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	27.009	276	152	0.002	ng/ul#	93
95) Dibenzo(a,h)anthracene	27.027	278	239	0.004	ng/ul#	1
96) Benzo(g,h,i)perylene	27.850	276	213	0.004	ng/ul	94

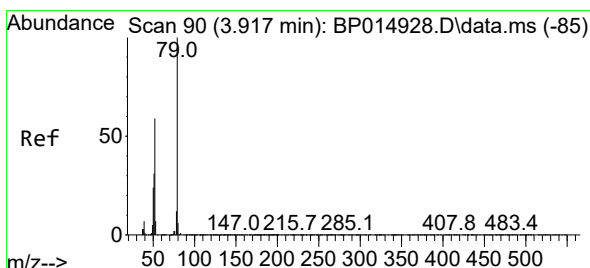
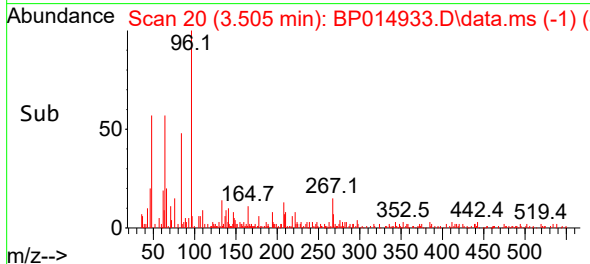
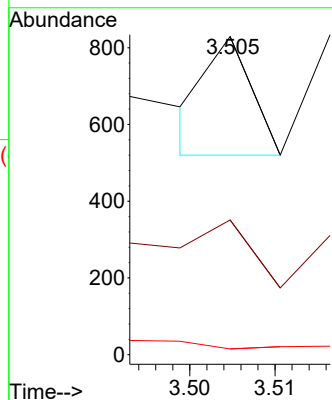
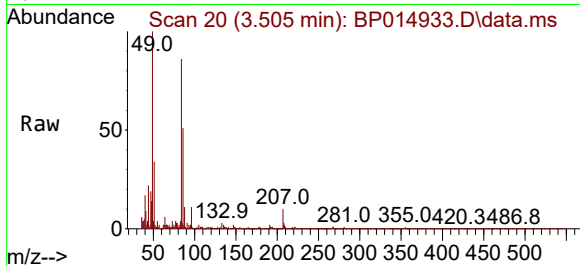
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#2
1,4-Dioxane
Concen: 0.015 ng/uL
RT: 3.505 min Scan# 20
Delta R.T. 0.006 min
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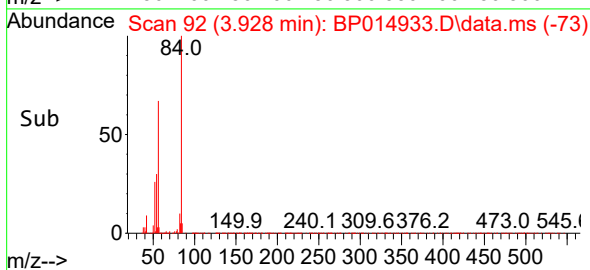
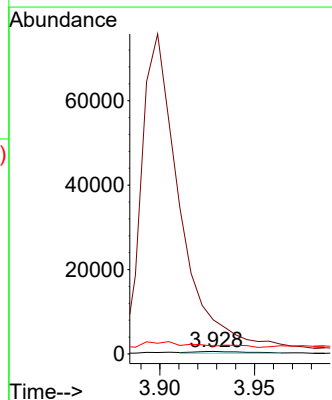
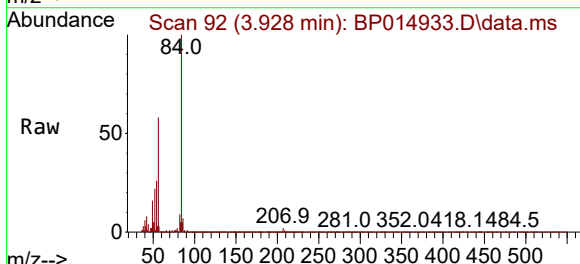
Instrument :
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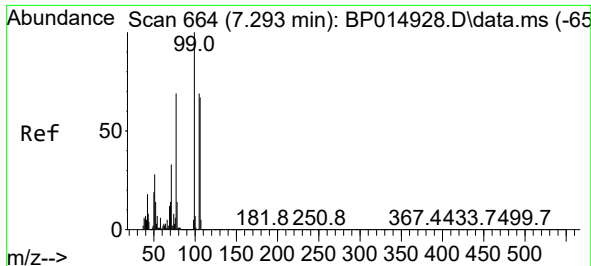
Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
43 42.3 20.6 31.0#
58 1.8 54.4 81.6#



#5
Pyridine
Concen: 0.046 ng/uL
RT: 3.928 min Scan# 92
Delta R.T. 0.011 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion: 79 Resp: 862
Ion Ratio Lower Upper
79 100
52 1355.1 54.7 82.1#
51 314.8 25.5 38.3#

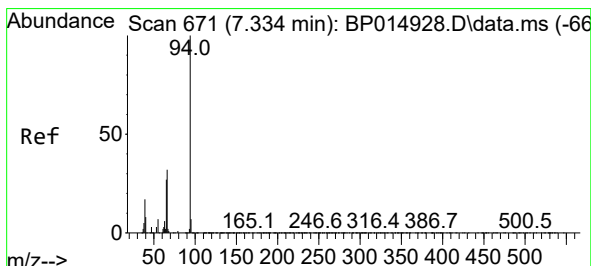
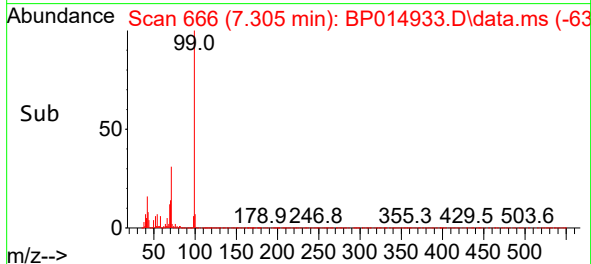
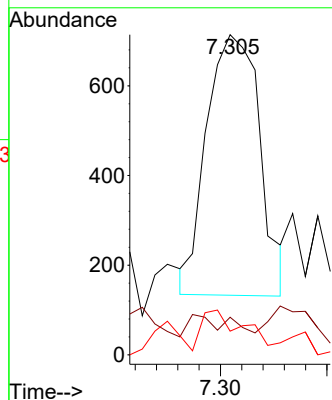
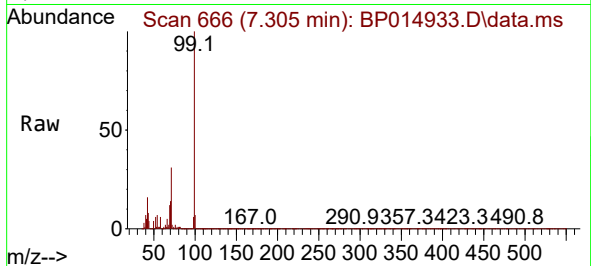




#6
Benzaldehyde
Concen: 0.174 ng/ul
RT: 7.305 min Scan# 60
Delta R.T. 0.011 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

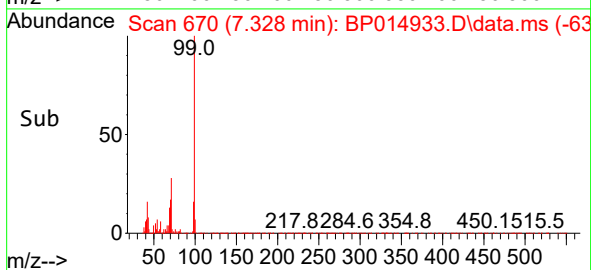
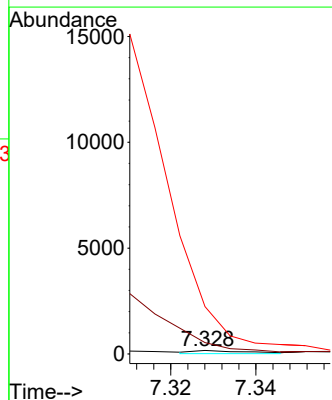
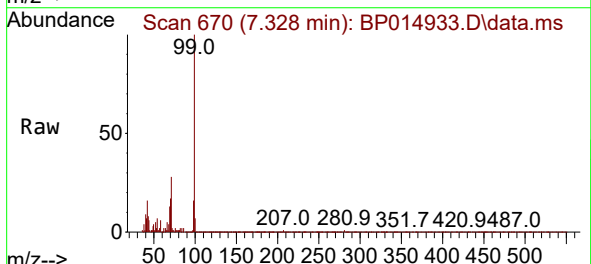
Instrument :
BNA_P
ClientSampleId :
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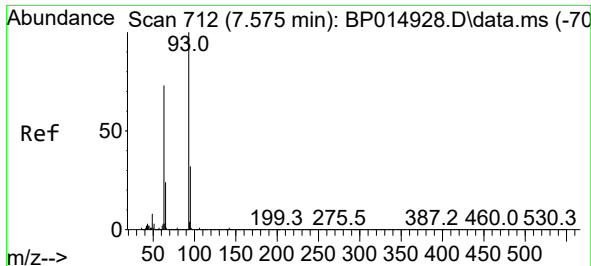
Tgt Ion: 77 Resp: 1005
Ion Ratio Lower Upper
77 100
105 11.8 80.7 121.1#
106 7.4 77.6 116.4#



#8
Phenol
Concen: 0.006 ng/ul
RT: 7.328 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion: 94 Resp: 128
Ion Ratio Lower Upper
94 100
65 327.4 21.4 32.0#
66 1364.0 25.8 38.8#

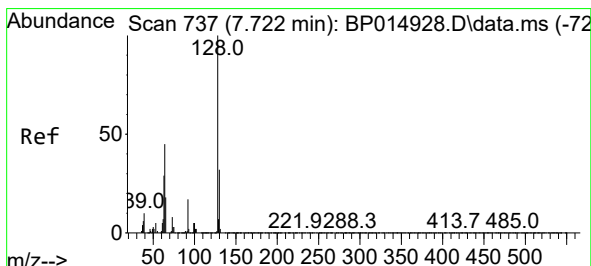
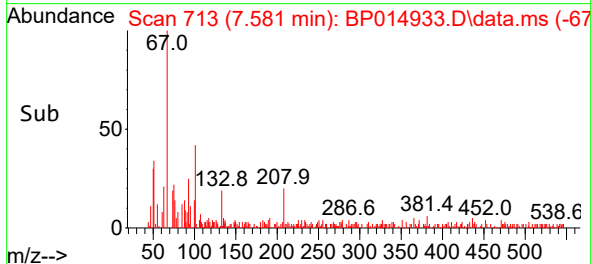
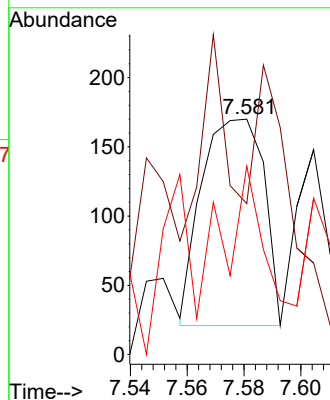
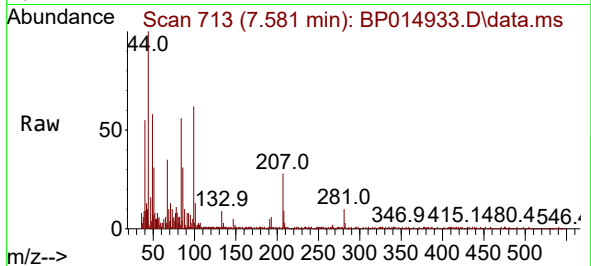




#10
Bis(2-Chloroethyl)ether
Concen: 0.012 ng/ul
RT: 7.581 min Scan# 712
Delta R.T. 0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

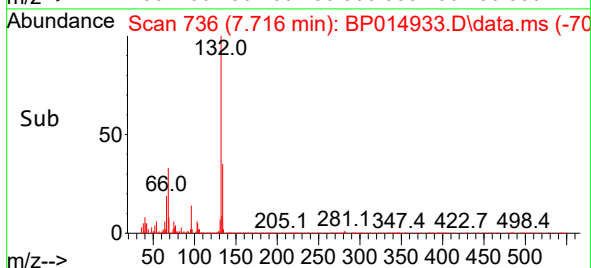
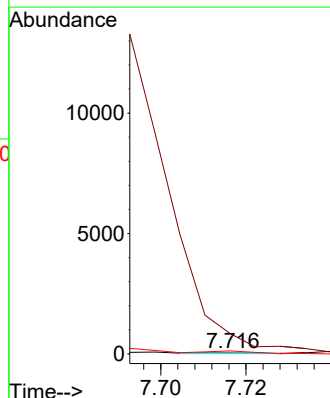
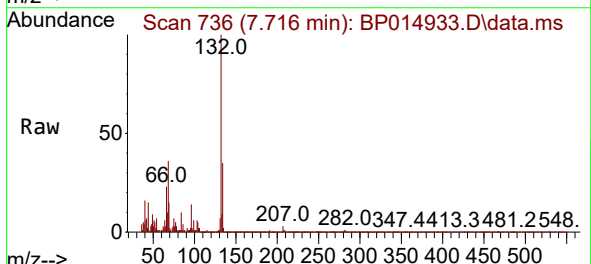
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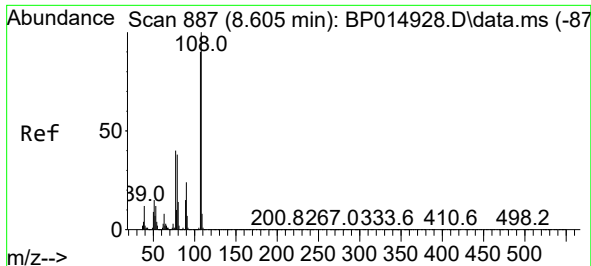
Tgt Ion: 93 Resp: 226
Ion Ratio Lower Upper
93 100
63 55.1 58.1 87.1#
95 68.7 26.0 39.0#



#12
2-Chlorophenol
Concen: 0.001 ng/ul
RT: 7.716 min Scan# 736
Delta R.T. -0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:128 Resp: 23
Ion Ratio Lower Upper
128 100
64 2125.0 36.6 55.0#
130 312.5 25.8 38.8#





#13

2-Methylphenol

Concen: 0.001 ng/ul

RT: 8.563 min Scan# 81

Delta R.T. -0.041 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

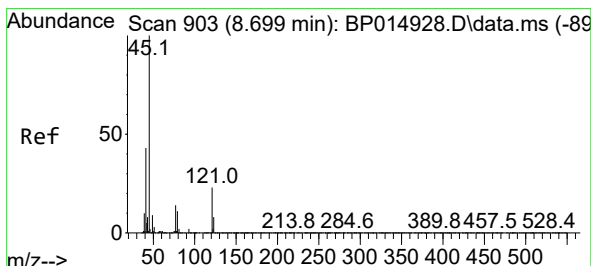
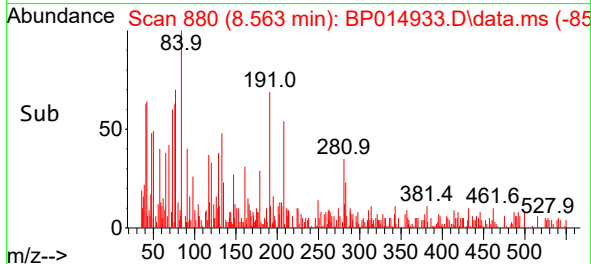
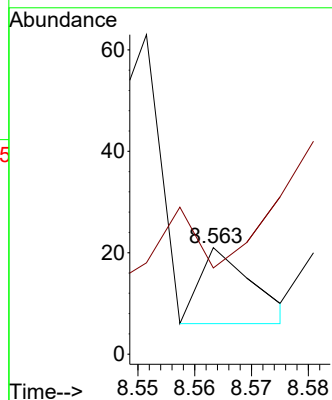
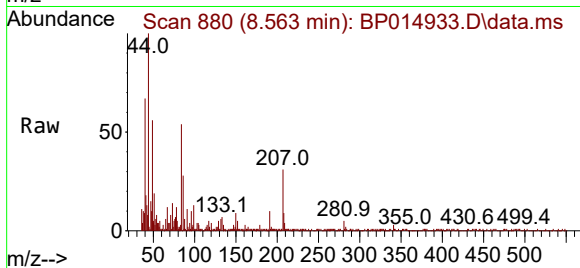
SBLK413

Tgt Ion:108 Resp: 10

Ion Ratio Lower Upper

108 100

107 81.0 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 0.004 ng/ul

RT: 8.710 min Scan# 905

Delta R.T. 0.011 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

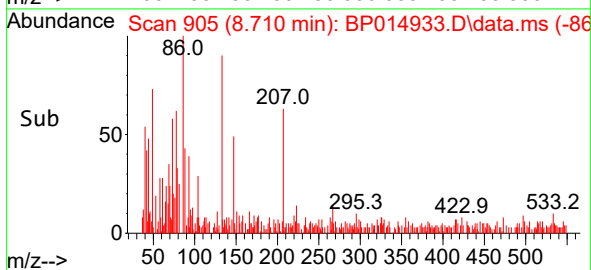
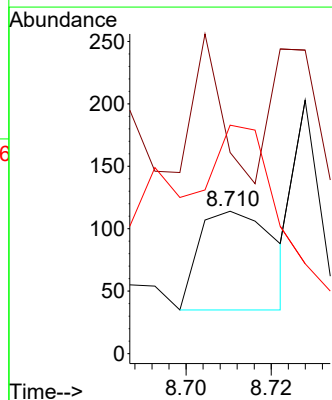
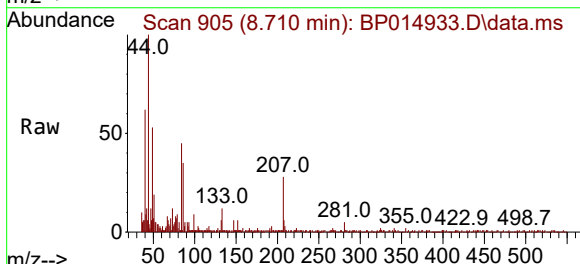
Tgt Ion: 45 Resp: 97

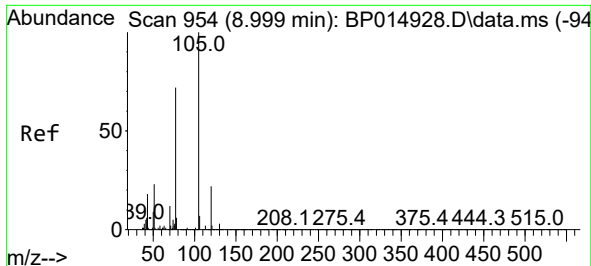
Ion Ratio Lower Upper

45 100

77 141.2 12.3 18.5#

79 160.5 9.5 14.3#

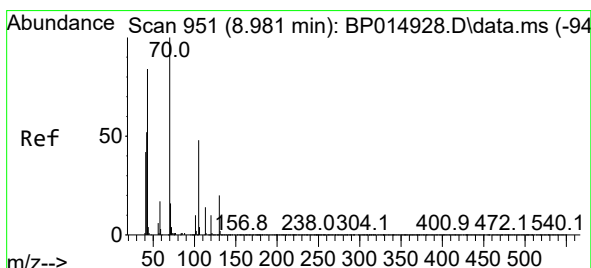
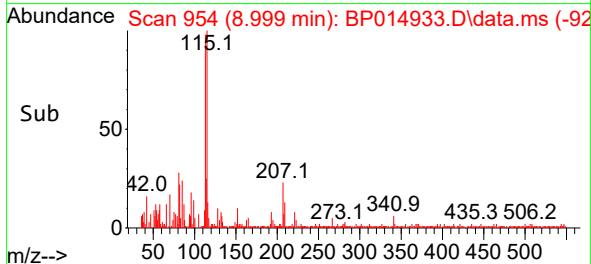
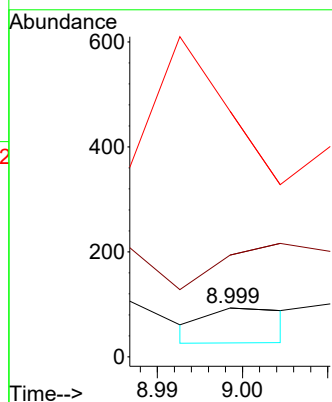
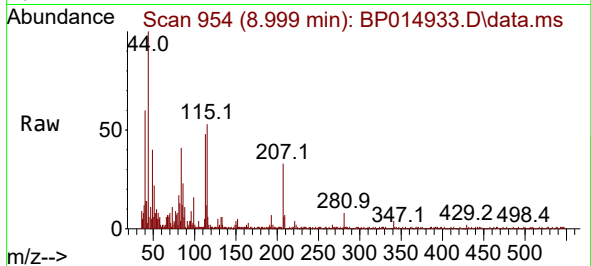




#16
Acetophenone
Concen: 0.002 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

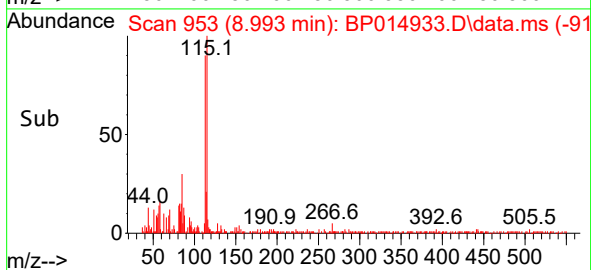
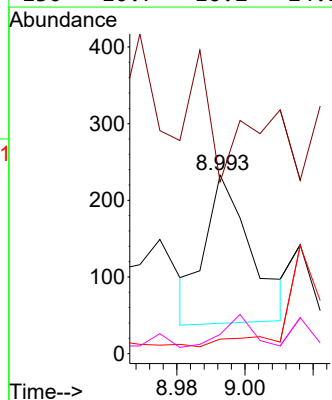
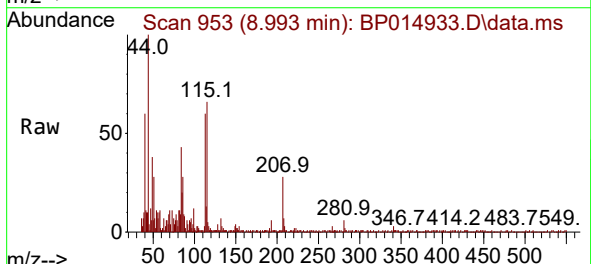
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ClientSampleId :
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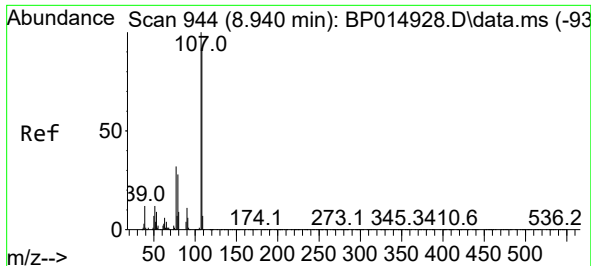
Tgt Ion:105 Resp: 45
Ion Ratio Lower Upper
105 100
77 208.6 61.2 91.8#
51 503.2 19.4 29.2#



#17
N-Nitroso-di-n-propylamine
Concen: 0.013 ng/ul
RT: 8.993 min Scan# 953
Delta R.T. 0.011 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion: 70 Resp: 181
Ion Ratio Lower Upper
70 100
42 96.1 41.9 62.9#
101 10.3 7.7 11.5
130 10.7 16.2 24.2#

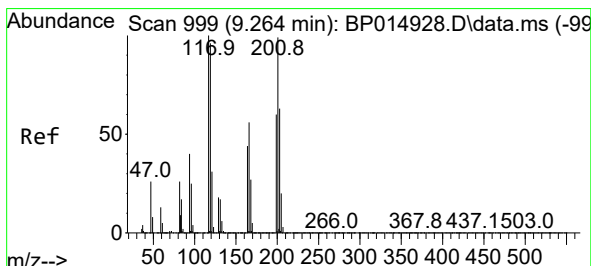
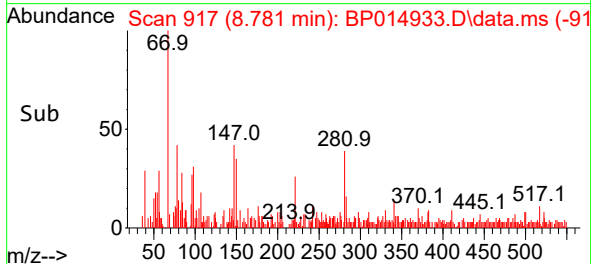
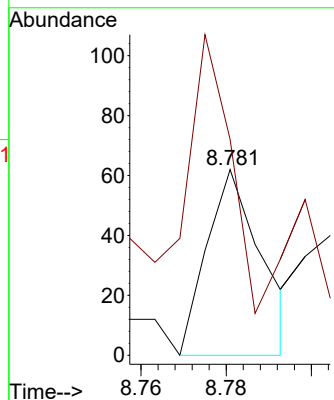
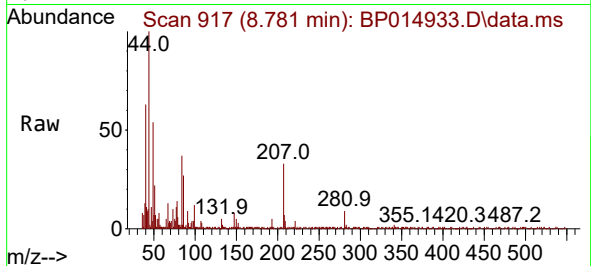




#18
4-Methylphenol
Concen: 0.003 ng/ul
RT: 8.781 min Scan# 917
Delta R.T. -0.159 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

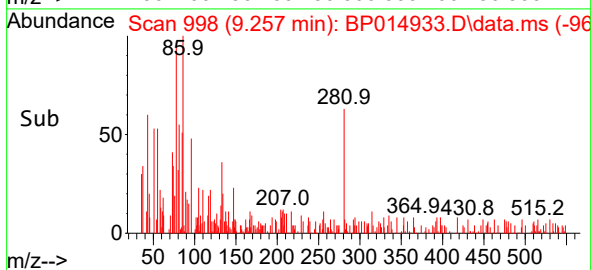
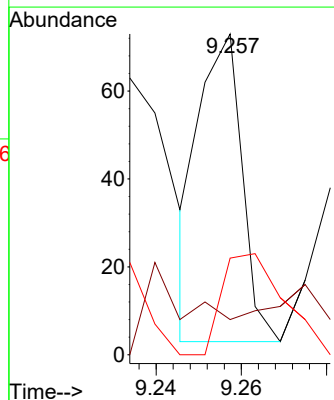
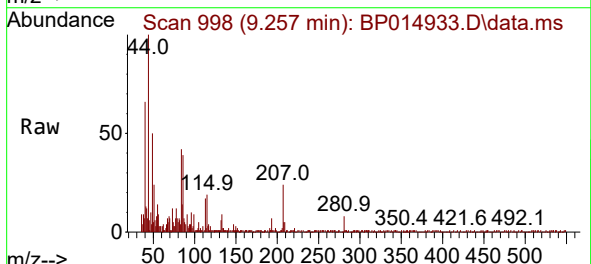
Instrument :
BNA_P
ClientSampleId :
SBLK413

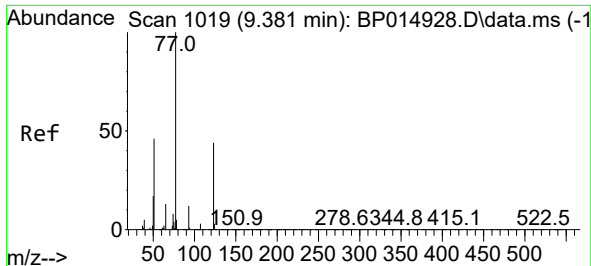
Tgt Ion:108 Resp: 55
Ion Ratio Lower Upper
108 100
107 116.1 87.2 130.8



#19
Hexachloroethane
Concen: 0.007 ng/ul
RT: 9.257 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:117 Resp: 48
Ion Ratio Lower Upper
117 100
201 11.0 78.9 118.3#
199 30.1 48.3 72.5#

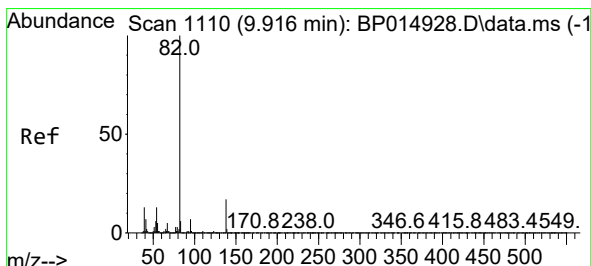
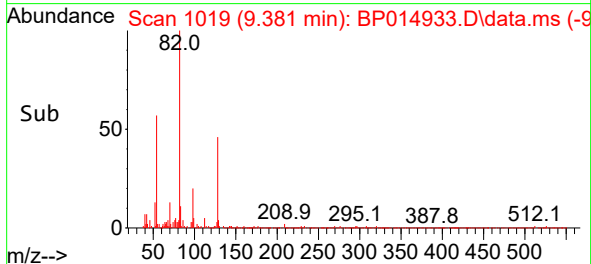
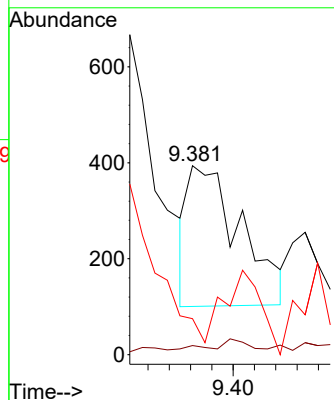
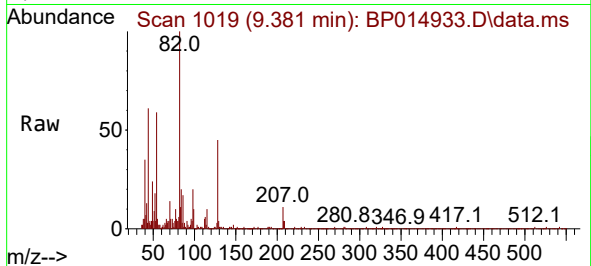




#22
Nitrobenzene
Concen: 0.027 ng/ul
RT: 9.381 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

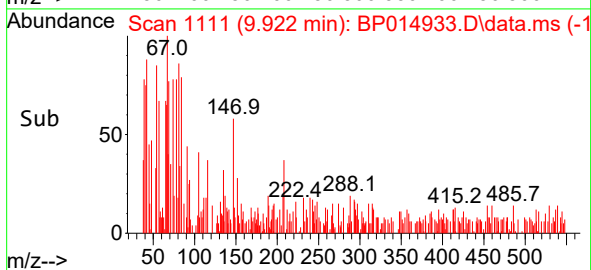
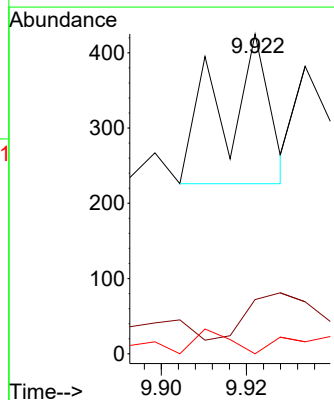
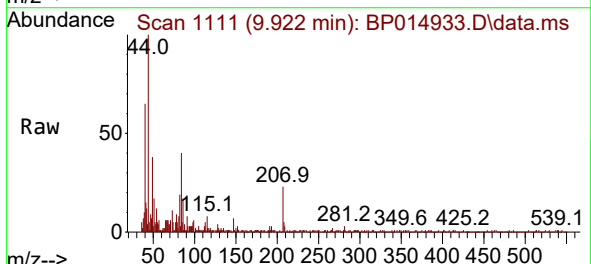
Instrument :
BNA_P
ClientSampleId :
SBLK413

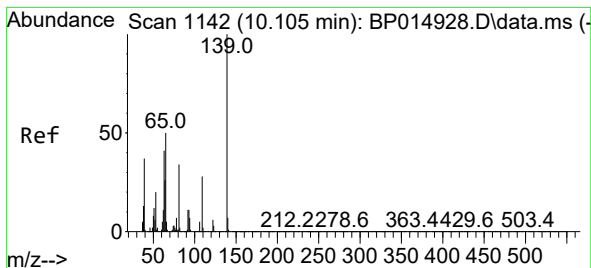
Tgt Ion: 77 Resp: 503
Ion Ratio Lower Upper
77 100
123 4.8 34.8 52.2#
65 19.0 10.2 15.2#



#23
Isophorone
Concen: 0.004 ng/ul
RT: 9.922 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion: 82 Resp: 155
Ion Ratio Lower Upper
82 100
95 16.9 5.3 7.9#
138 0.0 13.9 20.9#

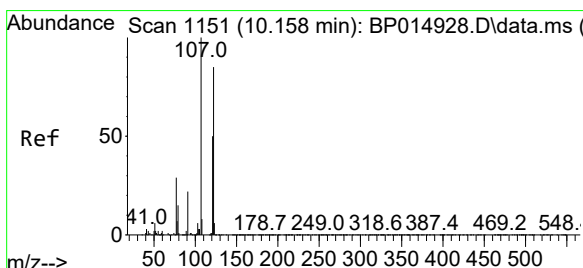
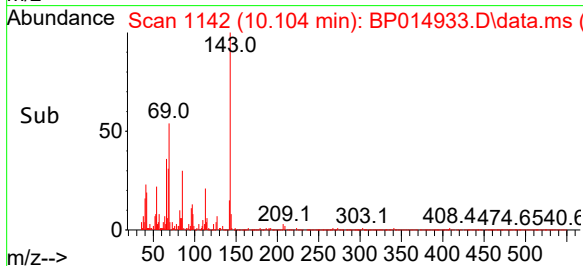
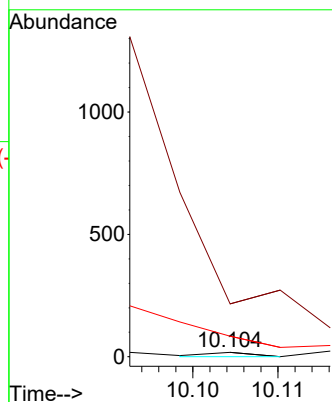
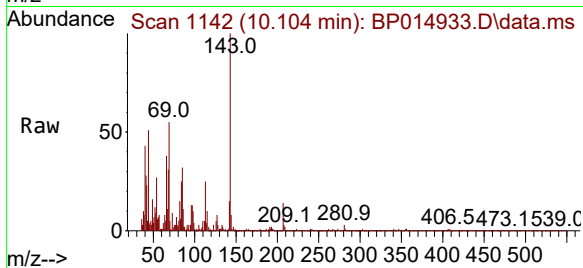




#25
2-Nitrophenol
Concen: 0.001 ng/ul
RT: 10.104 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

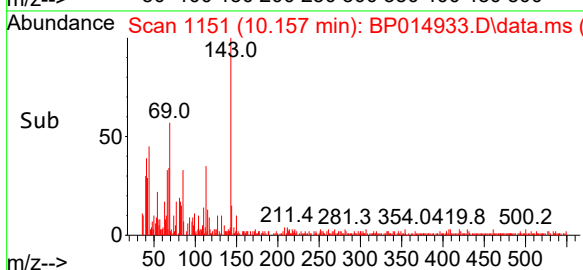
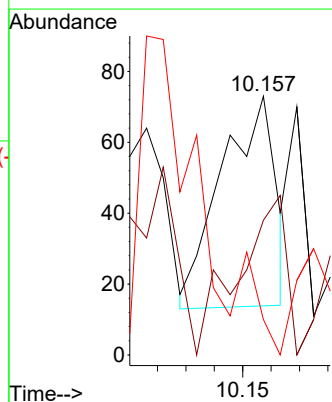
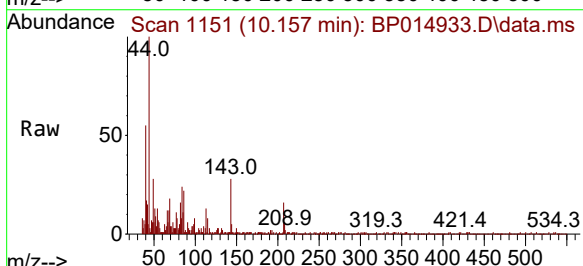
Instrument :
BNA_P
ClientSampleId :
SBLK413

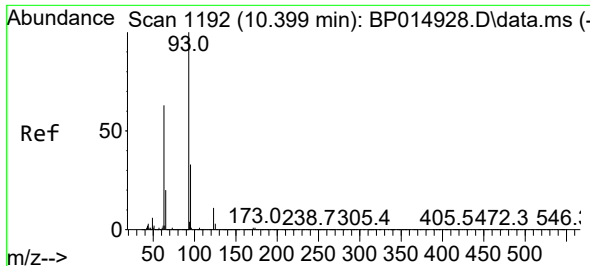
Tgt Ion:139 Resp: 6
Ion Ratio Lower Upper
139 100
65 1200.0 40.5 60.7#
109 466.7 22.4 33.6#



#26
2,4-Dimethylphenol
Concen: 0.004 ng/ul
RT: 10.157 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:107 Resp: 79
Ion Ratio Lower Upper
107 100
121 52.1 40.2 60.2
122 13.7 69.6 104.4#





#27

Bis(2-Chloroethoxy)methane

Concen: 0.004 ng/ul

RT: 10.404 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

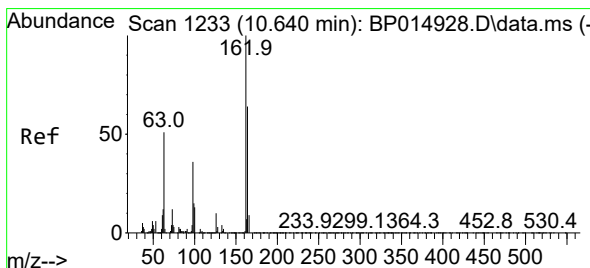
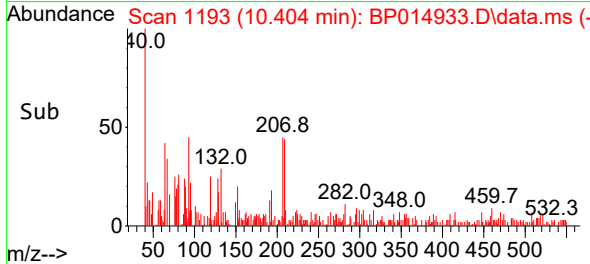
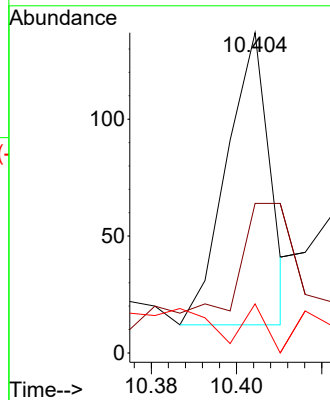
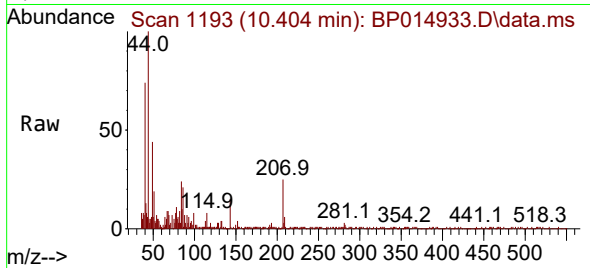
Tgt Ion: 93 Resp: 89

Ion Ratio Lower Upper

93 100

95 46.7 26.1 39.1#

123 15.3 9.0 13.4#



#29

2,4-Dichlorophenol

Concen: 0.002 ng/ul

RT: 10.640 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

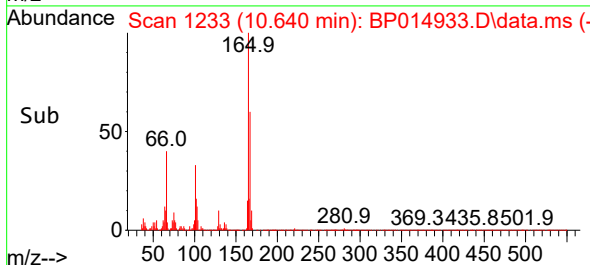
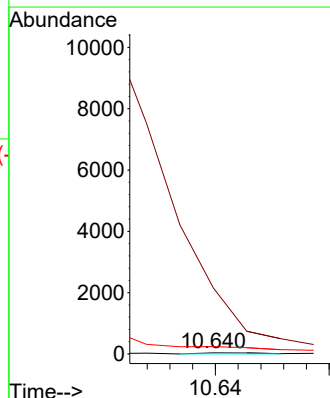
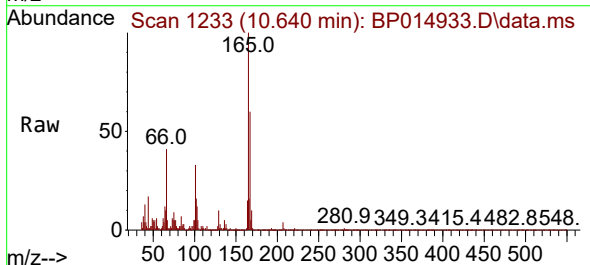
Tgt Ion:162 Resp: 28

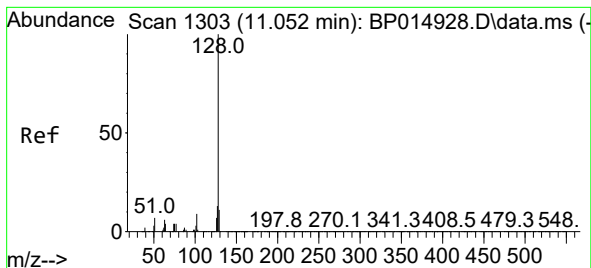
Ion Ratio Lower Upper

162 100

164 6162.9 51.5 77.3#

98 685.7 28.8 43.2#

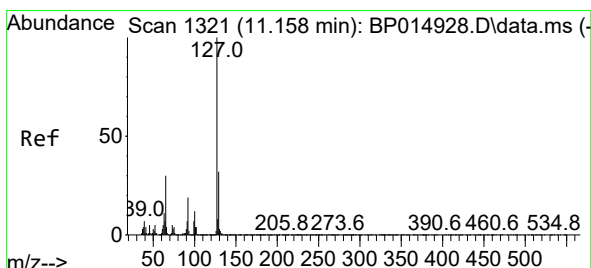
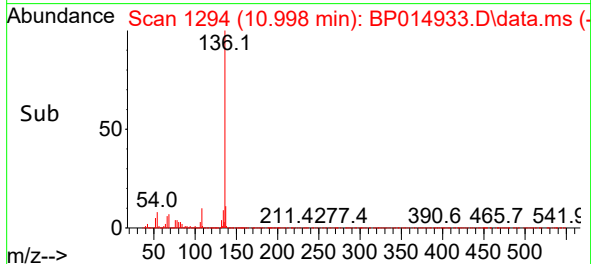
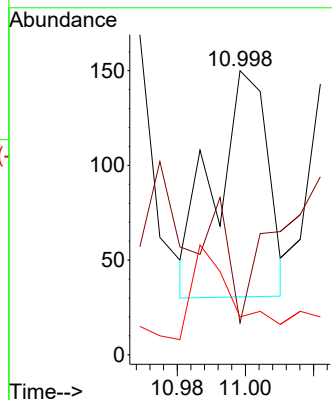
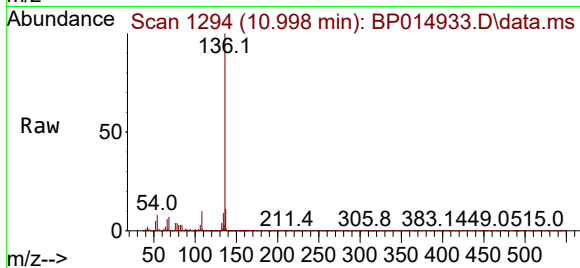




#30
Naphthalene
Concen: 0.002 ng/ul
RT: 10.998 min Scan# 1294
Delta R.T. -0.053 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

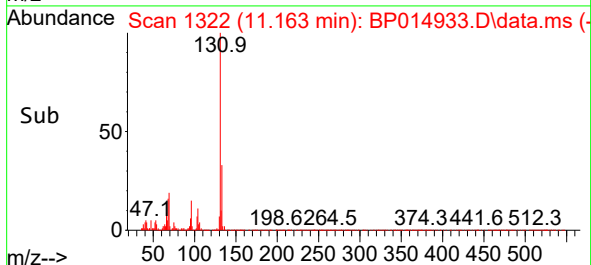
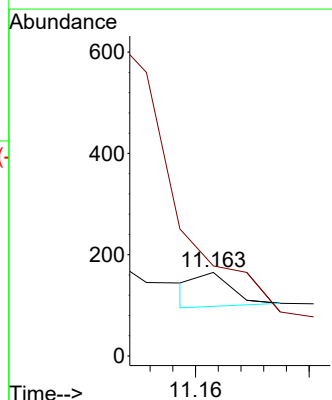
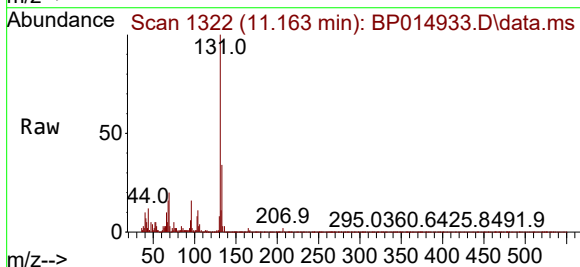
Instrument :
BNA_P
ClientSampleId :
SBLK413

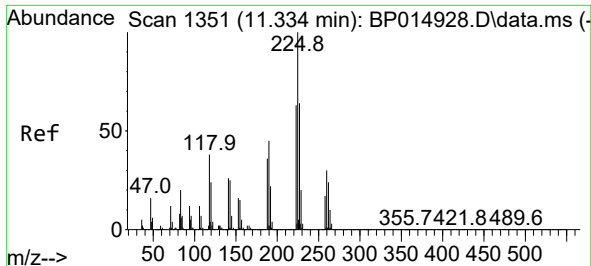
Tgt Ion:128 Resp: 128
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 0.001 ng/ul
RT: 11.163 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:127 Resp: 28
Ion Ratio Lower Upper
127 100
129 107.9 25.5 38.3#

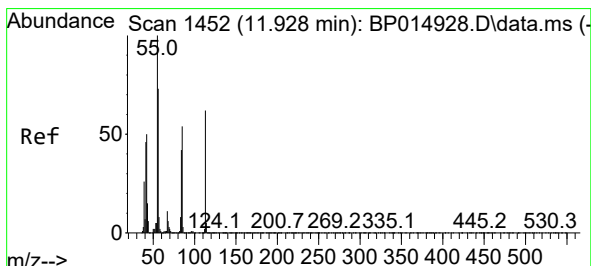
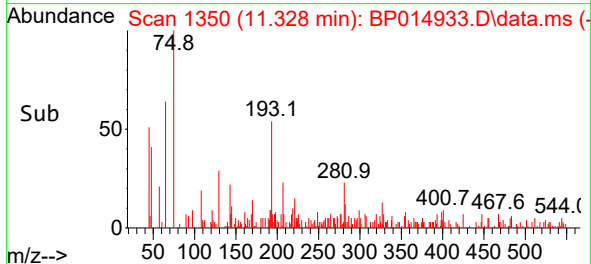
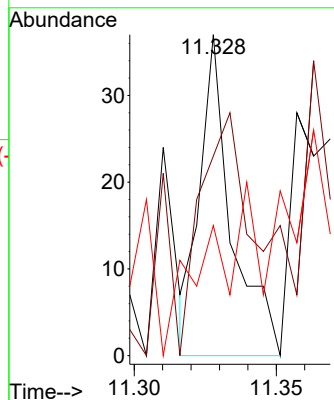
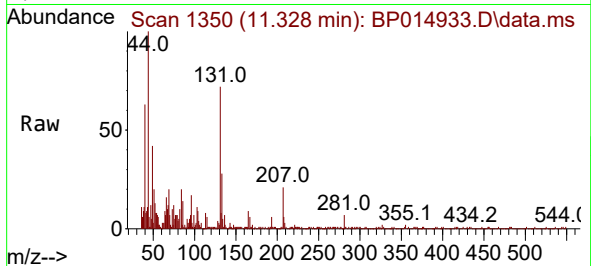




#33
Hexachlorobutadiene
Concen: 0.003 ng/ul
RT: 11.328 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

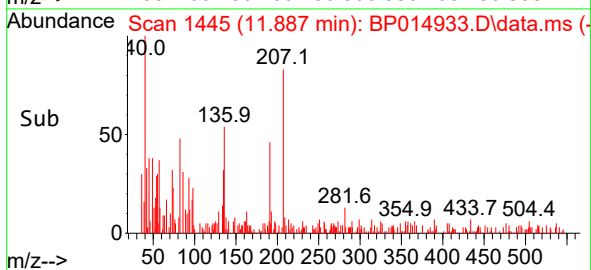
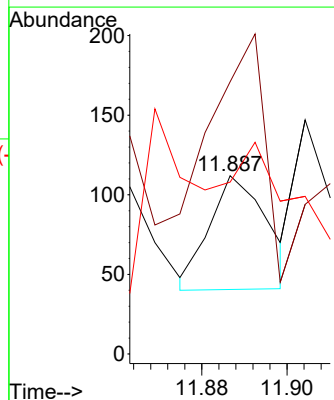
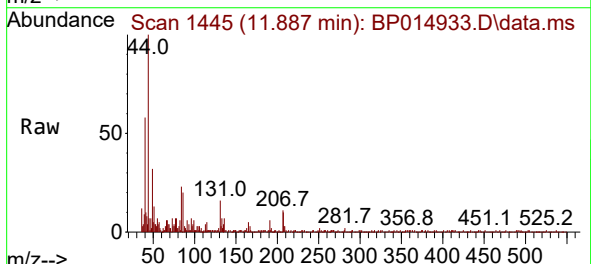
Instrument :
BNA_P
ClientSampleId :
SBLK413

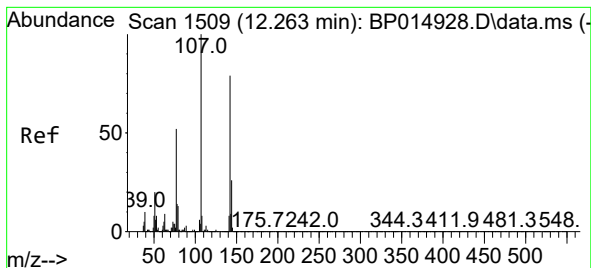
Tgt Ion: 225 Resp: 29
Ion Ratio Lower Upper
225 100
223 62.2 50.6 76.0
227 40.5 51.4 77.0#



#34
Caprolactam
Concen: 0.015 ng/ul
RT: 11.887 min Scan# 1445
Delta R.T. -0.041 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion: 113 Resp: 67
Ion Ratio Lower Upper
113 100
55 152.7 128.5 192.7
56 96.4 94.3 141.5

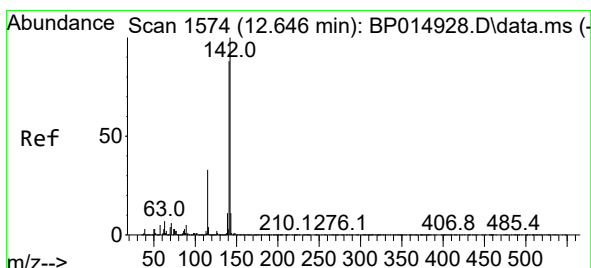
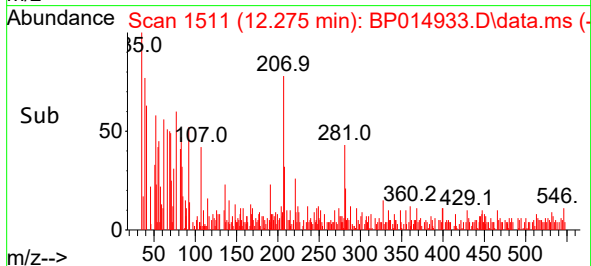
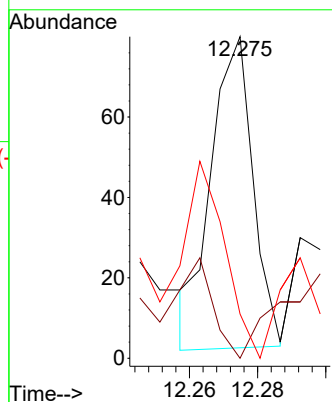
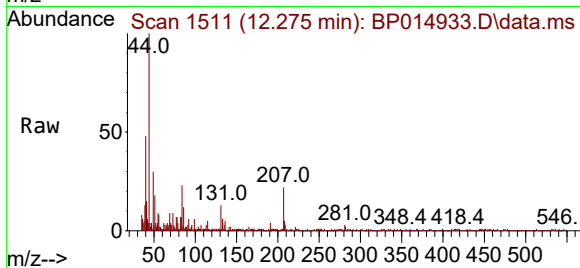




#35
4-Chloro-3-methylphenol
Concen: 0.004 ng/ul
RT: 12.275 min Scan# 1511
Delta R.T. 0.011 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

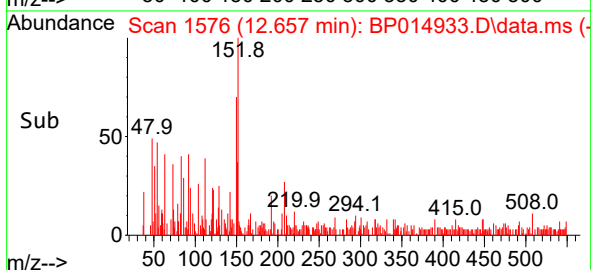
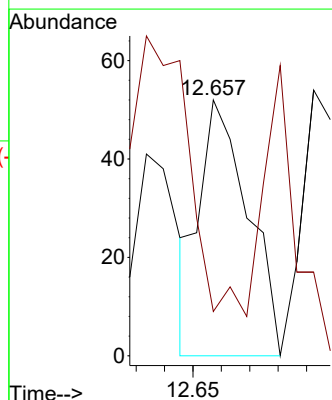
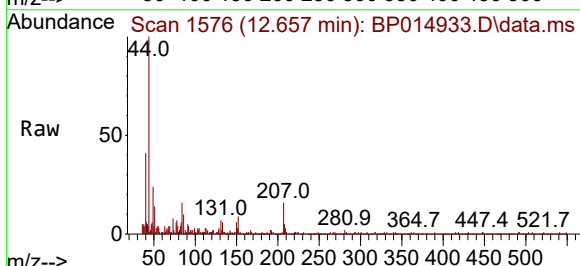
Instrument :
BNA_P
ClientSampleId :
SBLK413

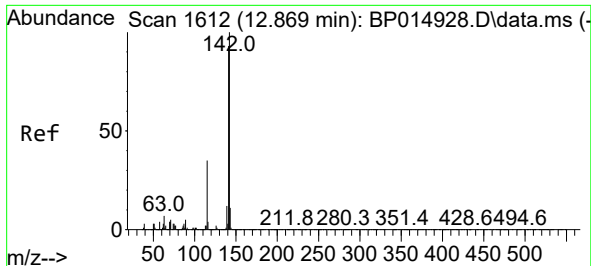
Tgt Ion:107 Resp: 66
Ion Ratio Lower Upper
107 100
144 0.0 20.6 30.8#
142 13.7 63.2 94.8#



#36
2-Methylnaphthalene
Concen: 0.002 ng/ul
RT: 12.657 min Scan# 1576
Delta R.T. 0.011 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
141 17.3 70.5 105.7#





#37

1-Methylnaphthalene

Concen: 0.003 ng/ul

RT: 12.875 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

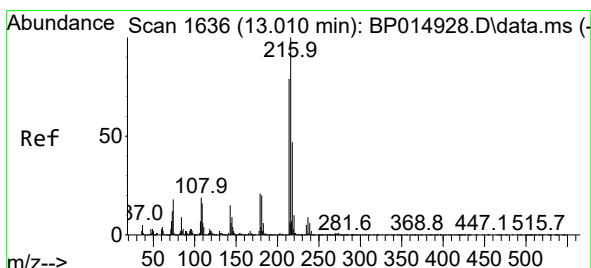
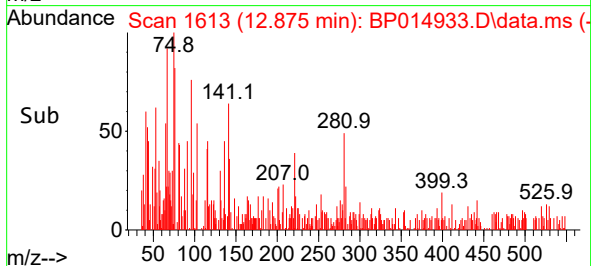
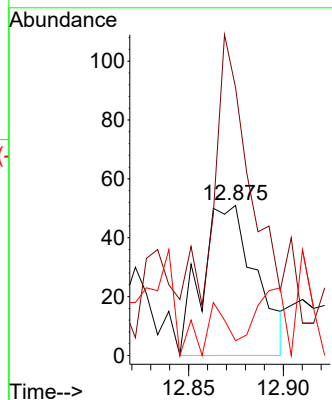
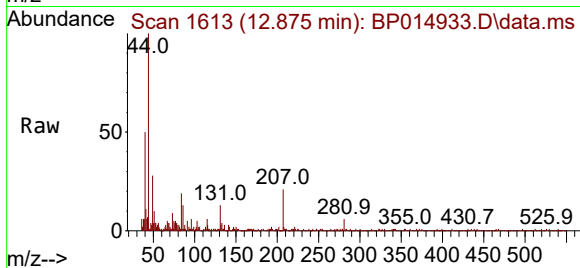
Tgt Ion:142 Resp: 101

Ion Ratio Lower Upper

142 100

141 178.4 74.4 111.6#

116 43.1 2.9 4.3#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.001 ng/ul

RT: 13.022 min Scan# 1638

Delta R.T. 0.011 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Tgt Ion:216 Resp: 12

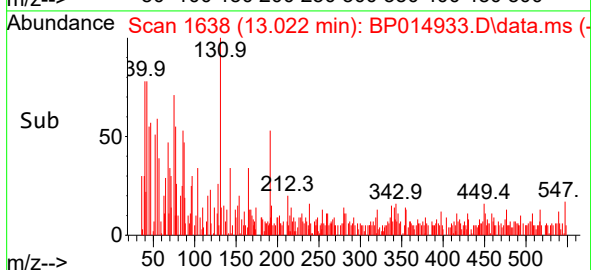
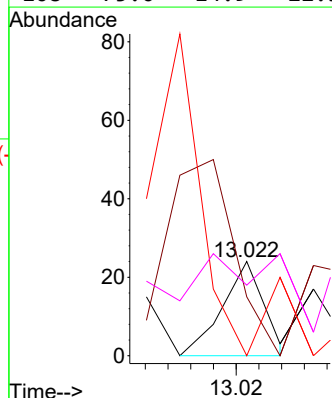
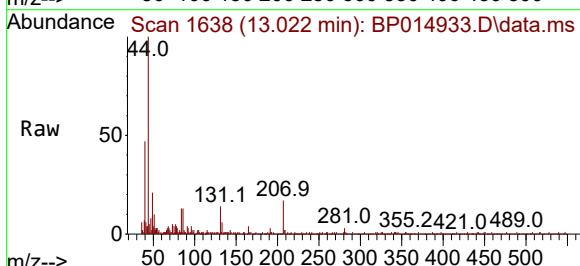
Ion Ratio Lower Upper

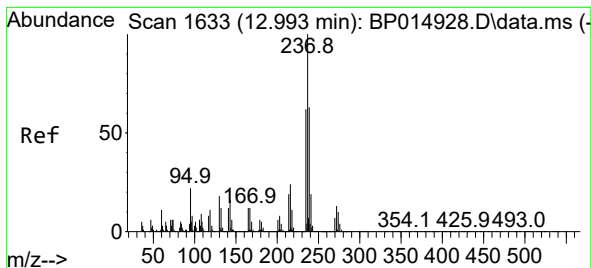
216 100

214 62.5 63.0 94.4#

179 0.0 16.9 25.3#

108 75.0 14.9 22.3#





#40

Hexachlorocyclopentadiene

Concen: 0.002 ng/ul

RT: 13.004 min Scan# 1

Delta R.T. 0.011 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

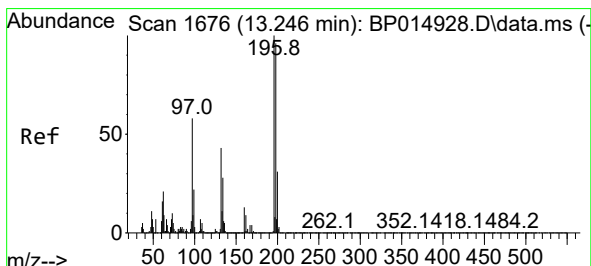
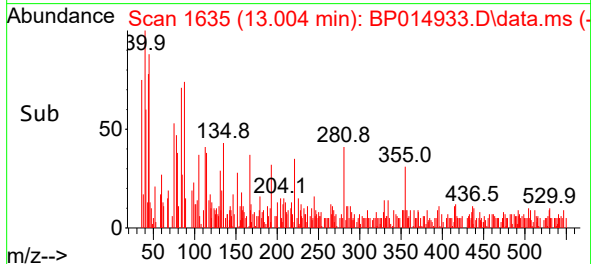
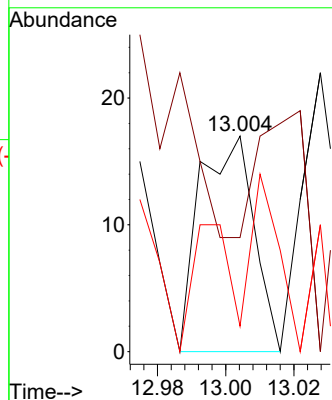
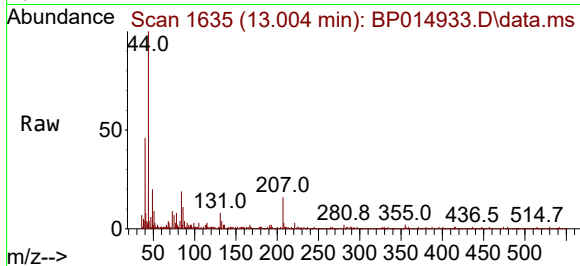
Tgt Ion:237 Resp: 19

Ion Ratio Lower Upper

237 100

235 52.9 49.9 74.9

272 11.8 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 0.000 ng/ul

RT: 13.251 min Scan# 1677

Delta R.T. 0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

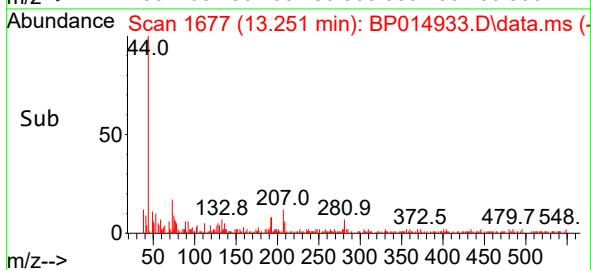
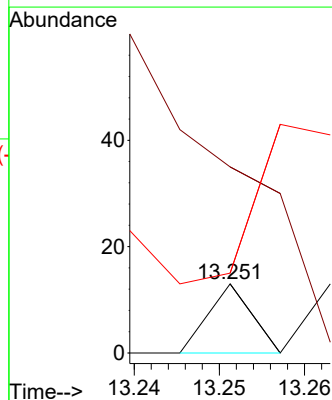
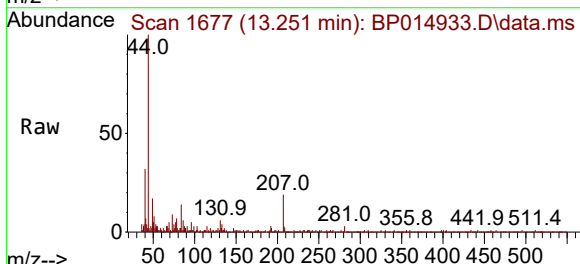
Tgt Ion:196 Resp: 5

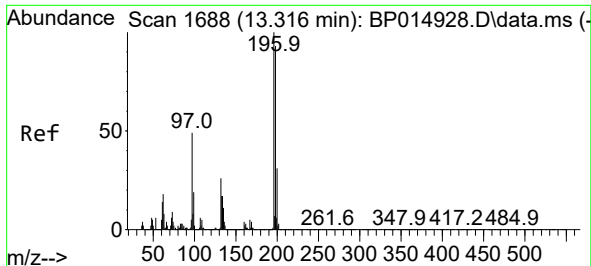
Ion Ratio Lower Upper

196 100

198 269.2 76.8 115.2#

200 115.4 24.6 36.8#

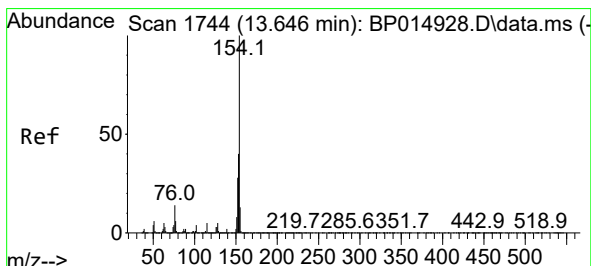
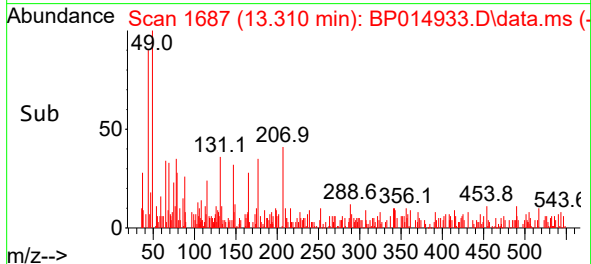
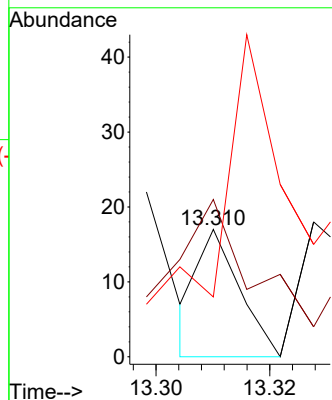
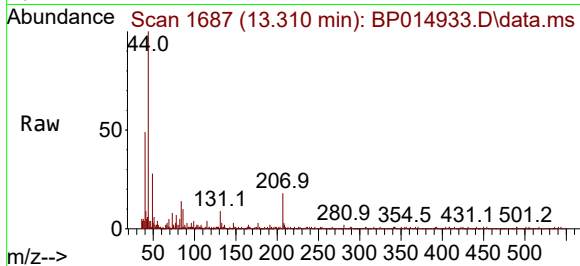




#42
2,4,5-Trichlorophenol
Concen: 0.001 ng/ul
RT: 13.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

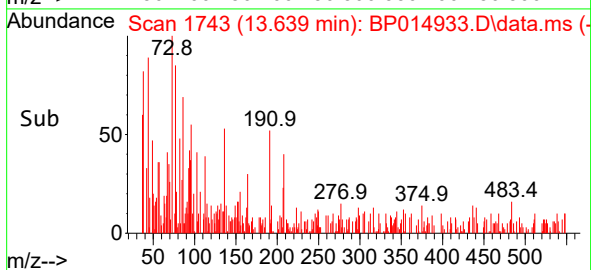
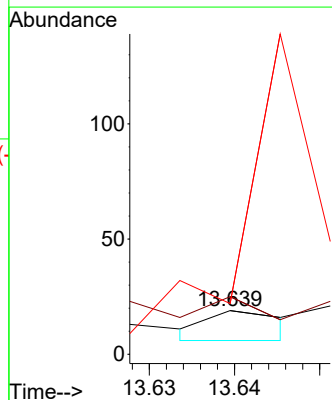
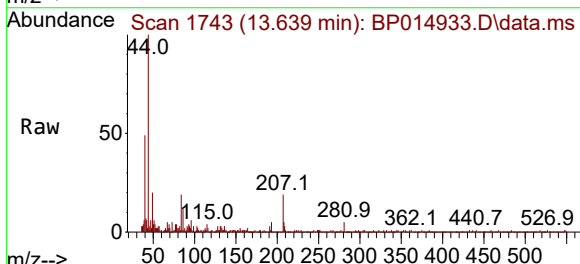
Instrument :
BNA_P
ClientSampleId :
SBLK413

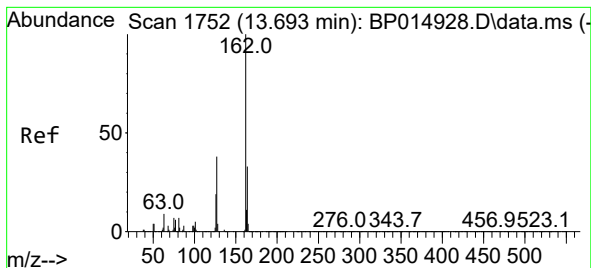
Tgt Ion:196 Resp: 8
Ion Ratio Lower Upper
196 100
198 123.5 74.2 111.4#
200 47.1 24.6 37.0#



#43
1,1'-Biphenyl
Concen: 0.000 ng/ul
RT: 13.639 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:154 Resp: 8
Ion Ratio Lower Upper
154 100
153 178.9 31.9 47.9#
76 115.8 11.3 16.9#





#44

2-Chloronaphthalene

Concen: 0.001 ng/ul

RT: 13.704 min Scan# 1754

Delta R.T. 0.011 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

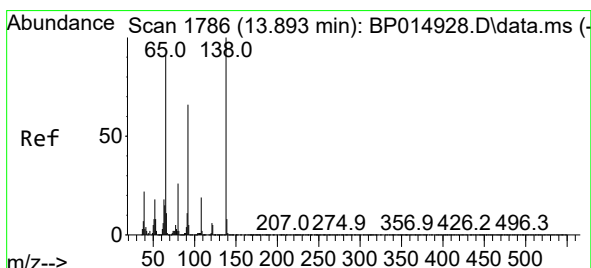
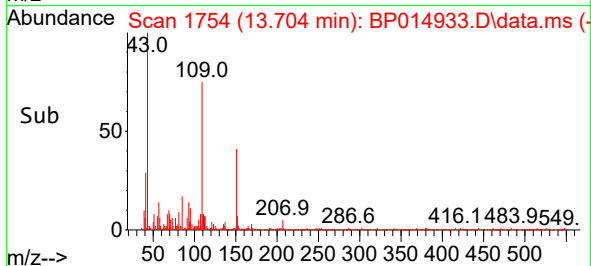
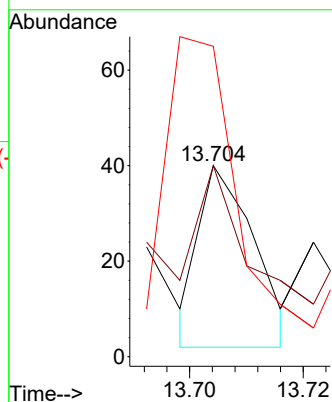
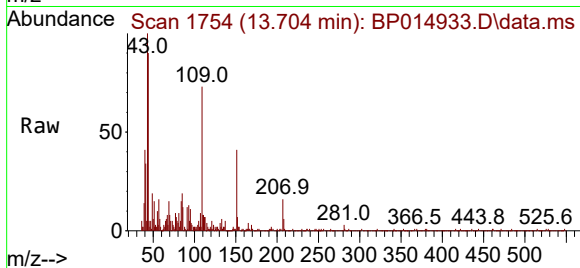
Tgt Ion:162 Resp: 26

Ion Ratio Lower Upper

162 100

164 100.0 26.3 39.5#

127 162.5 30.4 45.6#



#45

2-Nitroaniline

Concen: 0.011 ng/ul

RT: 13.904 min Scan# 1788

Delta R.T. 0.011 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

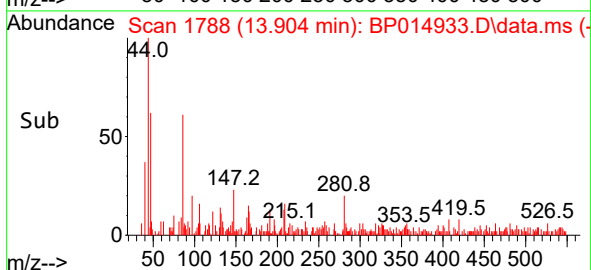
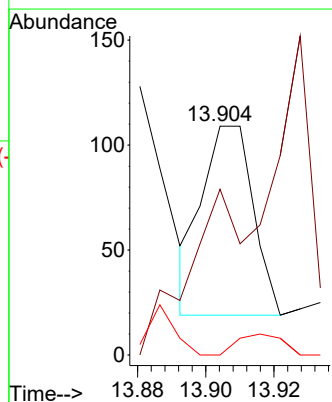
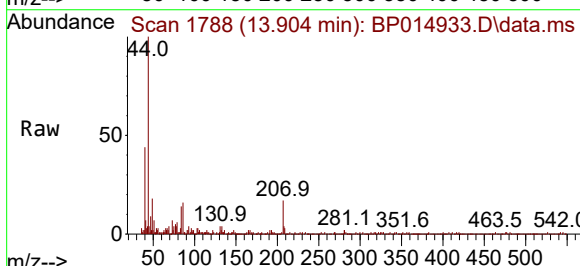
Tgt Ion: 65 Resp: 93

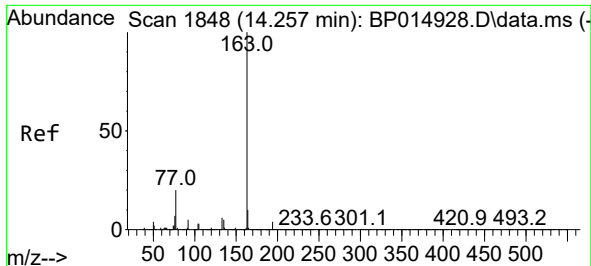
Ion Ratio Lower Upper

65 100

92 72.5 58.3 87.5

138 0.0 87.9 131.9#

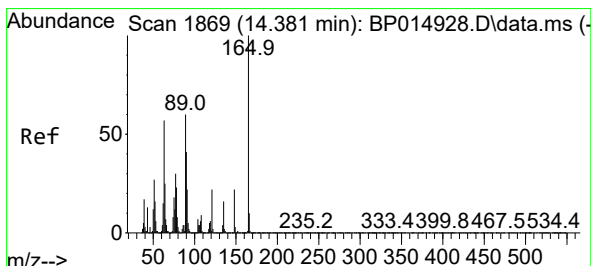
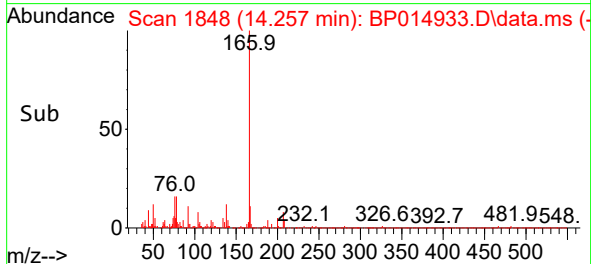
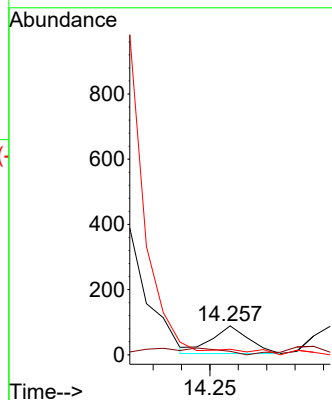
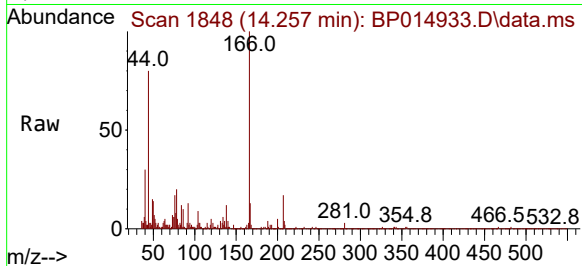




#47
Dimethylphthalate
Concen: 0.002 ng/ul
RT: 14.257 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

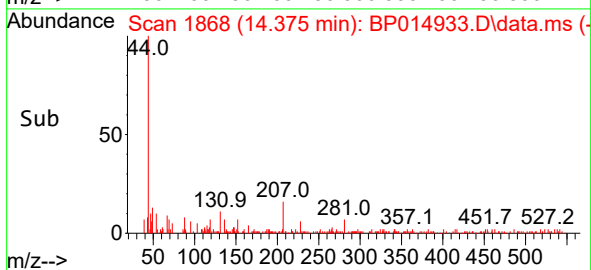
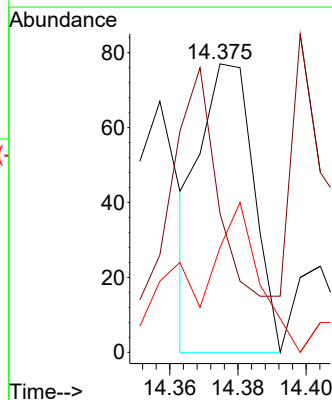
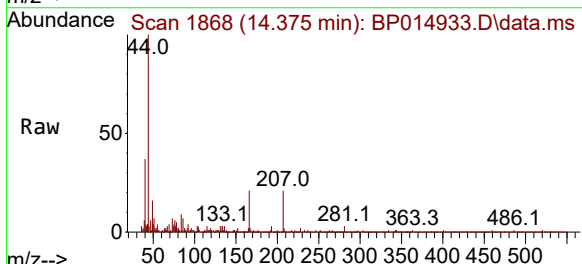
Instrument :
BNA_P
ClientSampleId :
SBLK413

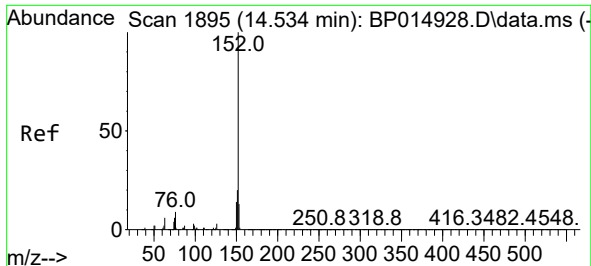
Tgt Ion:163 Resp: 77
Ion Ratio Lower Upper
163 100
194 20.2 3.1 4.7#
164 19.1 8.0 12.0#



#48
2,6-Dinitrotoluene
Concen: 0.011 ng/ul
RT: 14.375 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:165 Resp: 84
Ion Ratio Lower Upper
165 100
89 48.1 48.1 72.1#
121 36.4 17.3 25.9#

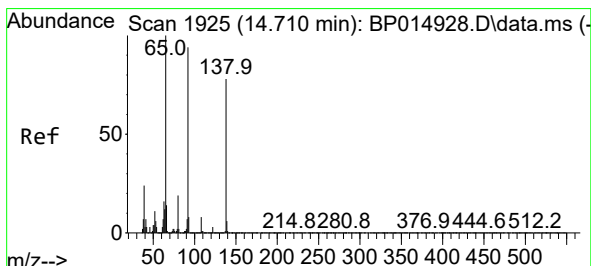
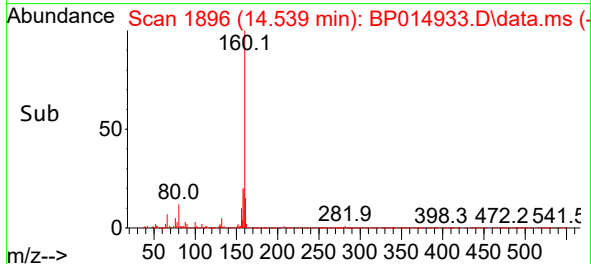
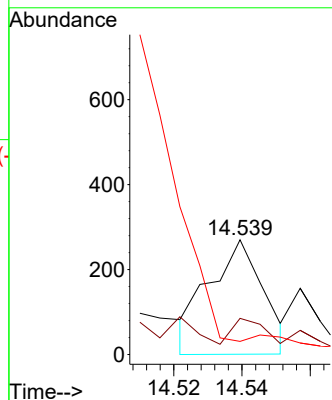
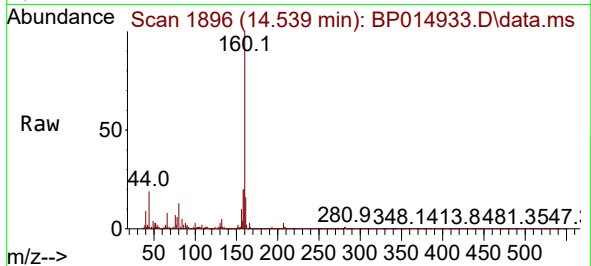




#50
Acenaphthylene
Concen: 0.006 ng/ul
RT: 14.539 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

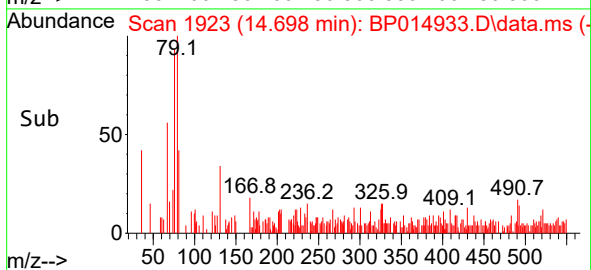
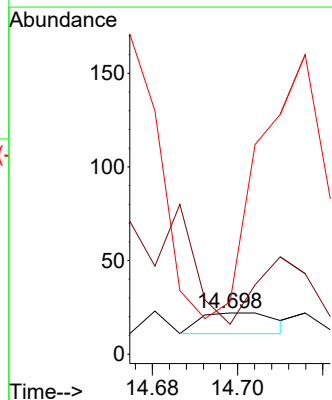
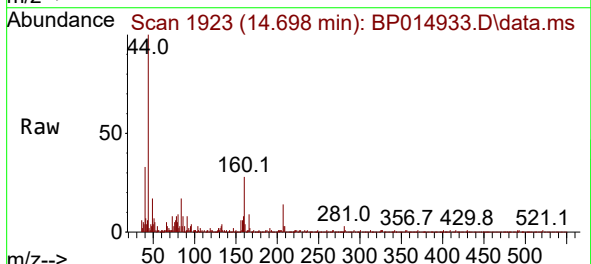
Instrument :
BNA_P
ClientSampleId :
SBLK413

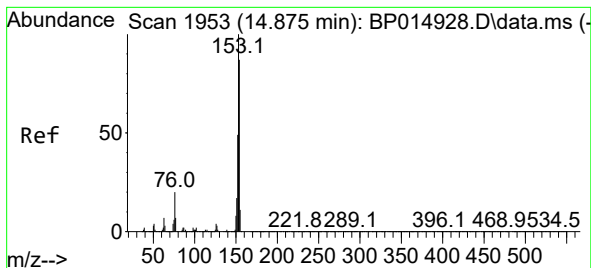
Tgt Ion:152 Resp: 299
Ion Ratio Lower Upper
152 100
151 29.8 16.1 24.1#
153 10.9 10.4 15.6



#51
3-Nitroaniline
Concen: 0.002 ng/ul
RT: 14.698 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:138 Resp: 14
Ion Ratio Lower Upper
138 100
108 72.7 8.5 12.7#
92 127.3 95.8 143.6





#52

Acenaphthene

Concen: 0.002 ng/ul

RT: 14.875 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

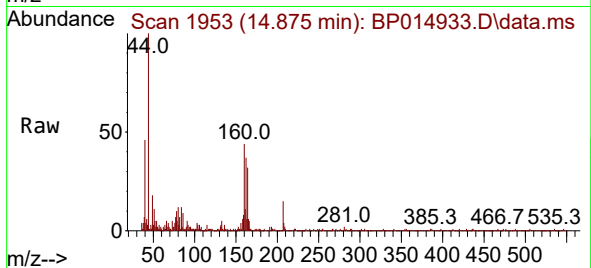
Tgt Ion:153 Resp: 82

Ion Ratio Lower Upper

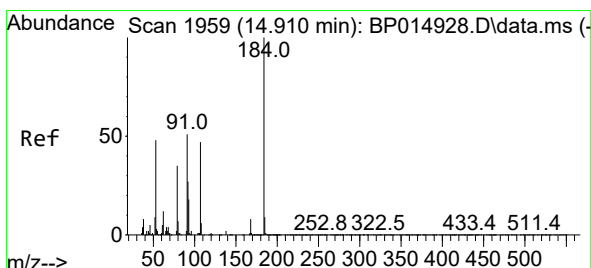
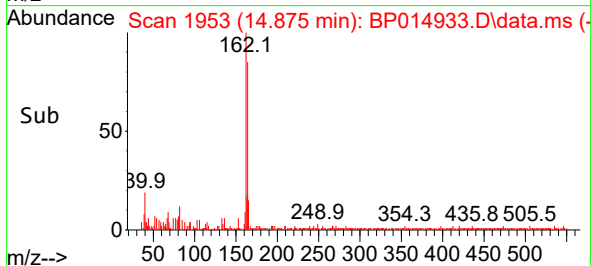
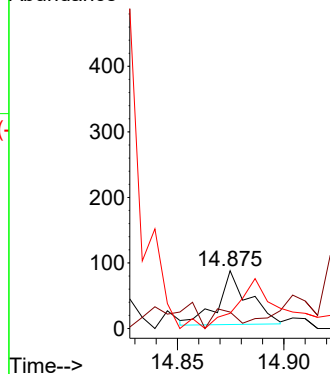
153 100

152 28.4 38.8 58.2#

154 26.1 69.6 104.4#



Abundance



#53

2,4-Dinitrophenol

Concen: 0.002 ng/ul

RT: 14.904 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

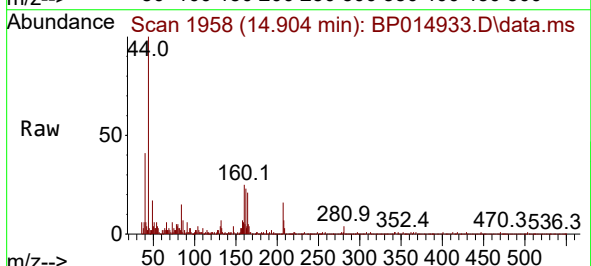
Tgt Ion:184 Resp: 9

Ion Ratio Lower Upper

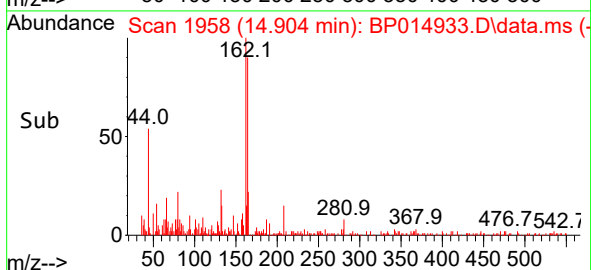
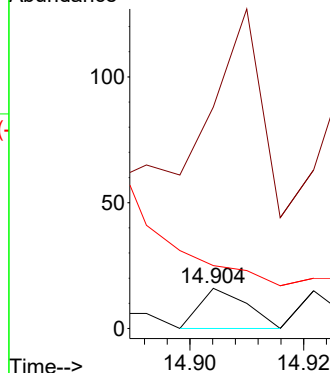
184 100

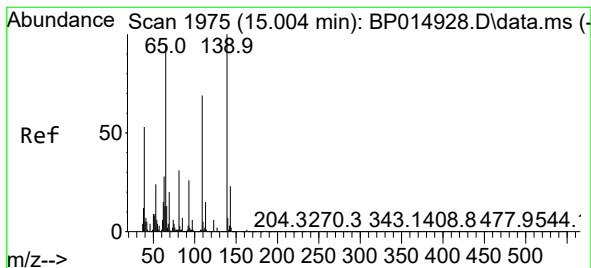
63 550.0 56.3 84.5#

154 156.3 48.9 73.3#



Abundance

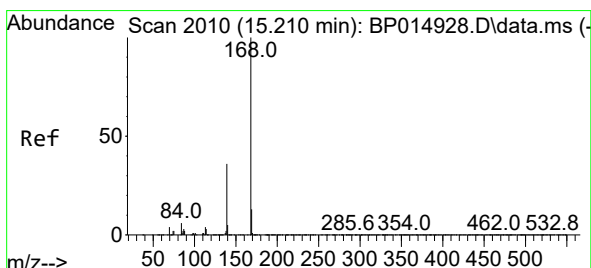
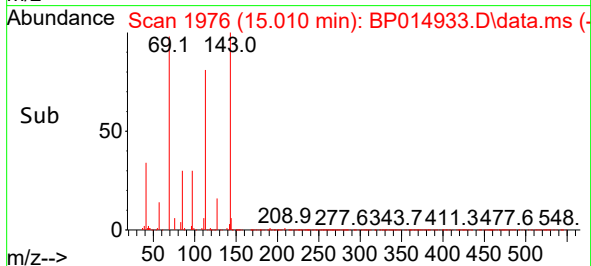
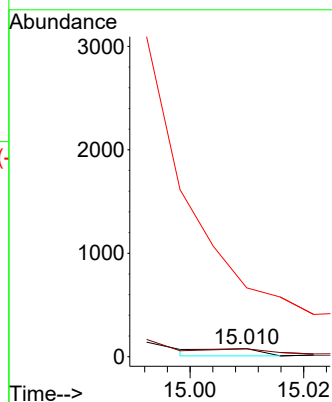
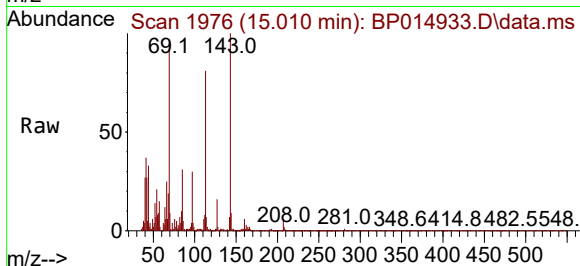




#55
4-Nitrophenol
Concen: 0.009 ng/ul
RT: 15.010 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

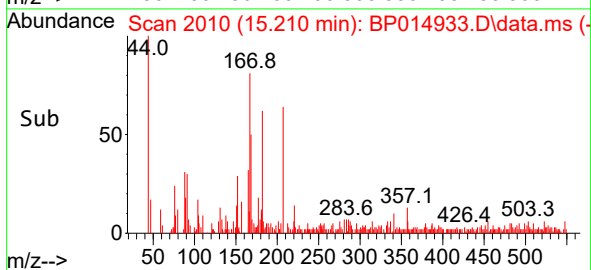
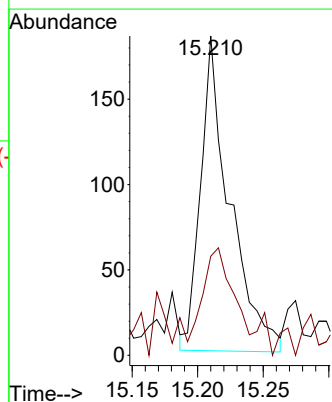
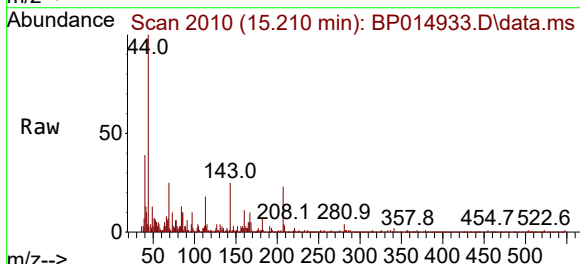
Instrument :
BNA_P
ClientSampleId :
SBLK413

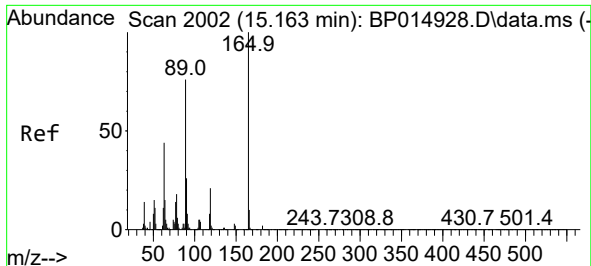
Tgt Ion:109 Resp: 47
Ion Ratio Lower Upper
109 100
139 97.4 115.1 172.7#
65 863.6 110.6 166.0#



#56
Dibenzofuran
Concen: 0.006 ng/ul
RT: 15.210 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:168 Resp: 284
Ion Ratio Lower Upper
168 100
139 31.0 28.6 42.8

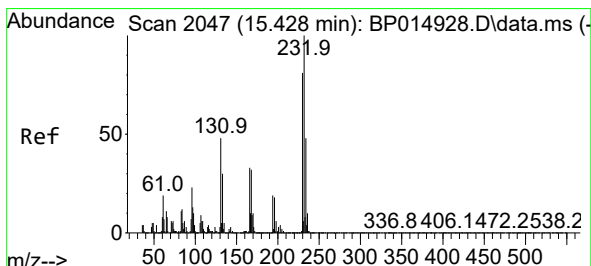
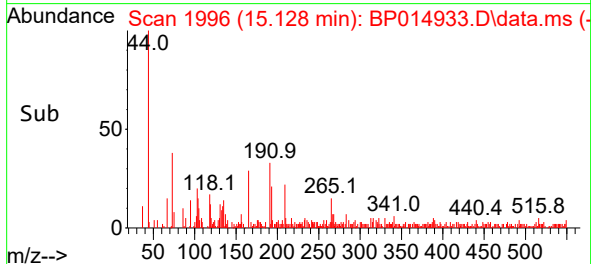
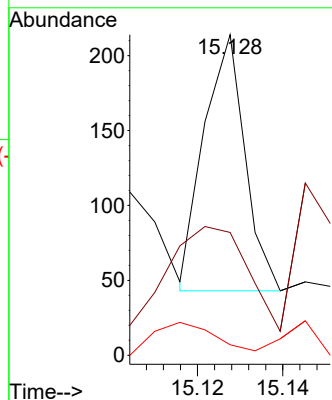
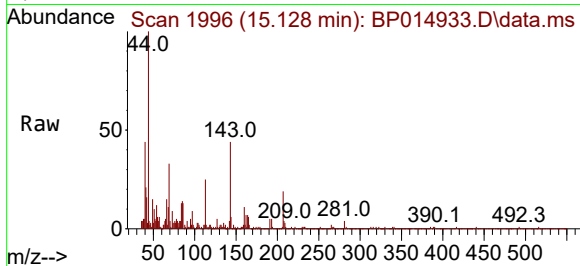




#57
2,4-Dinitrotoluene
Concen: 0.011 ng/ul
RT: 15.128 min Scan# 1996
Delta R.T. -0.036 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

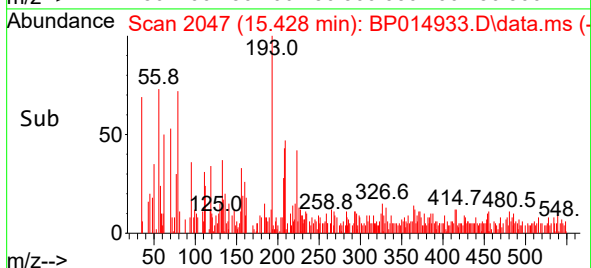
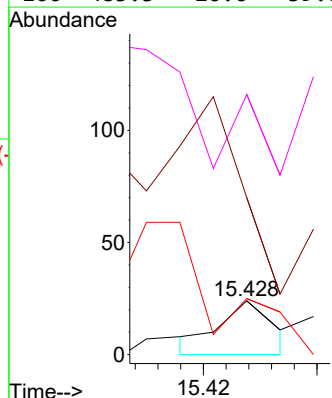
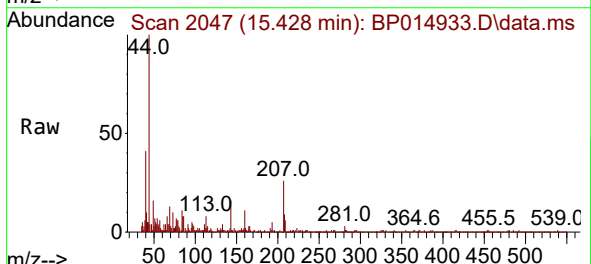
Instrument :
BNA_P
ClientSampleId :
SBLK413

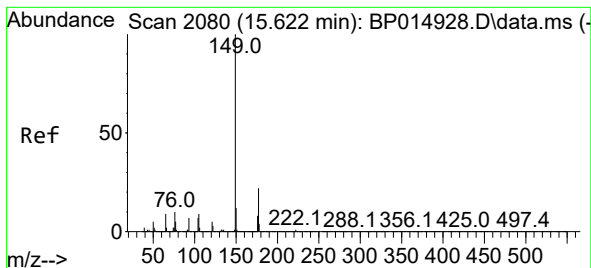
Tgt Ion:165 Resp: 114
Ion Ratio Lower Upper
165 100
63 38.3 35.7 53.5
182 3.3 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 0.002 ng/ul
RT: 15.428 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:232 Resp: 16
Ion Ratio Lower Upper
232 100
131 291.7 38.2 57.4#
130 104.2 2.1 3.1#
166 483.3 26.6 39.8#





#59

Diethylphthalate

Concen: 0.003 ng/ul

RT: 15.622 min Scan# 2080

Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

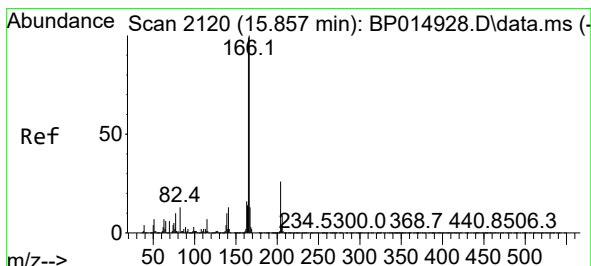
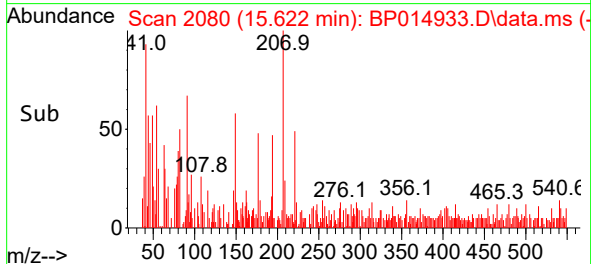
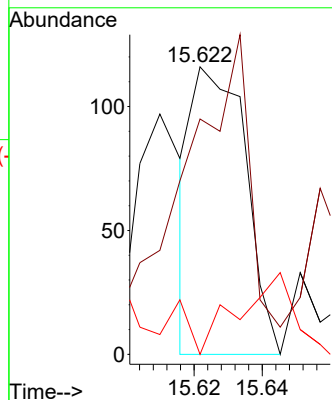
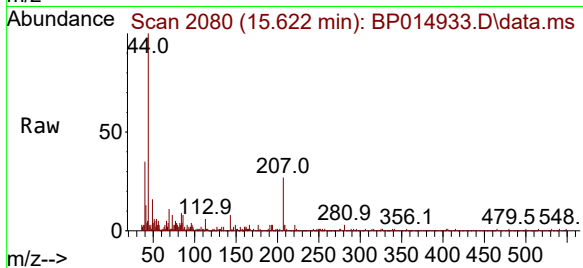
Instrument :

BNA_P

ClientSampleId :

SBLK413

Tgt Ion:149	Resp:	125
Ion Ratio	Lower	Upper
149	100	
177	92.2	17.5 26.3#
150	19.8	9.6 14.4#



#61

Fluorene

Concen: 0.001 ng/ul

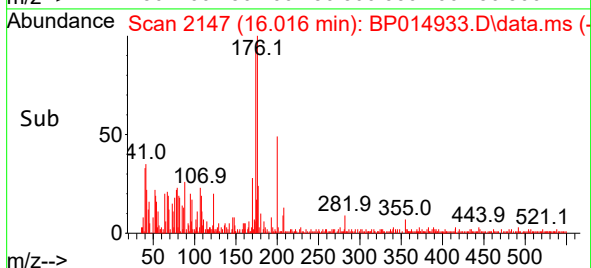
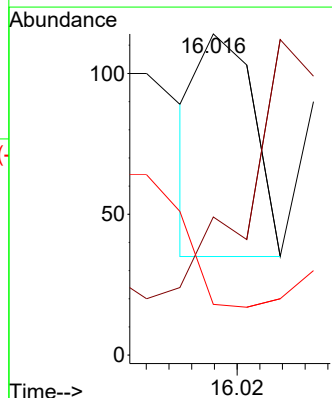
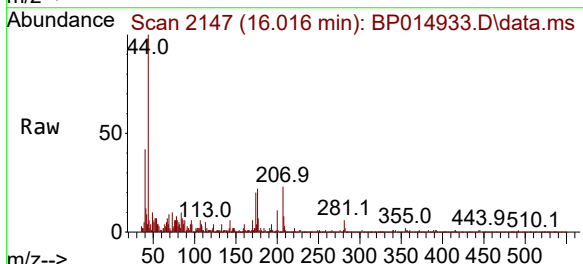
RT: 16.016 min Scan# 2147

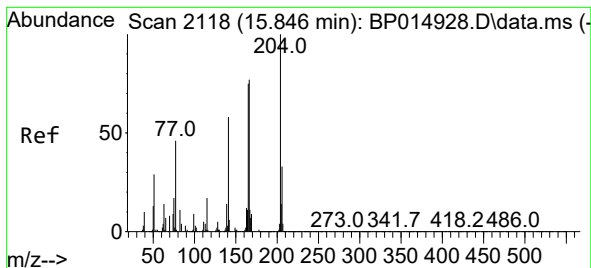
Delta R.T. 0.159 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Tgt Ion:166	Resp:	52
Ion Ratio	Lower	Upper
166	100	
165	92.1	79.3 118.9
167	15.8	10.7 16.1

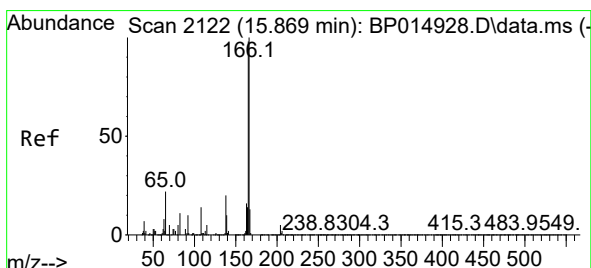
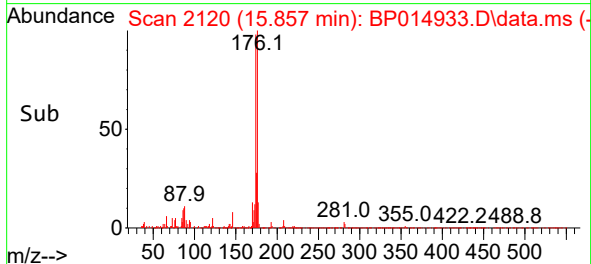
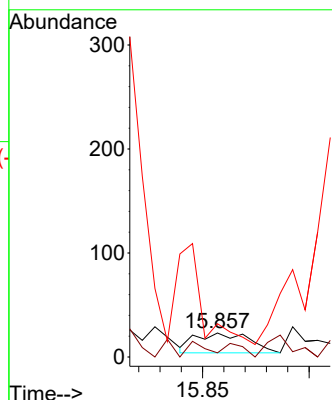
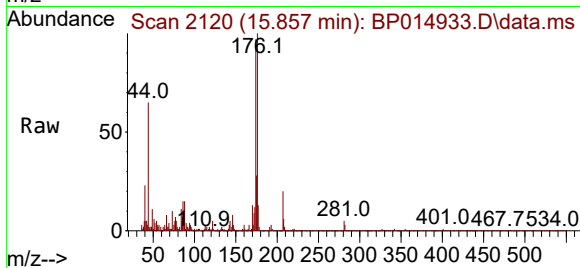




#62
4-Chlorophenyl-phenylether
Concen: 0.002 ng/ul
RT: 15.857 min Scan# 2118
Delta R.T. 0.011 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

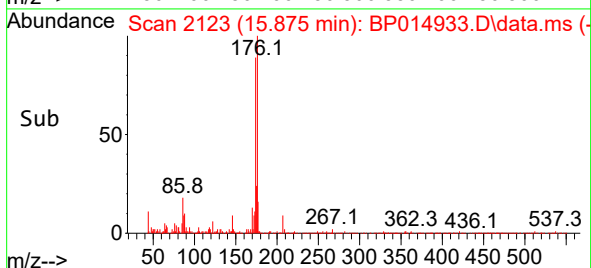
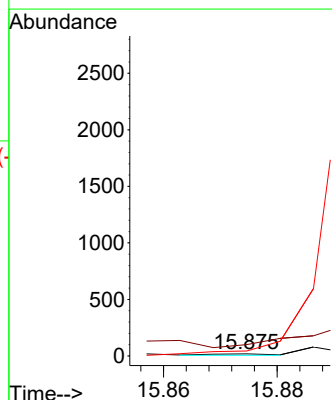
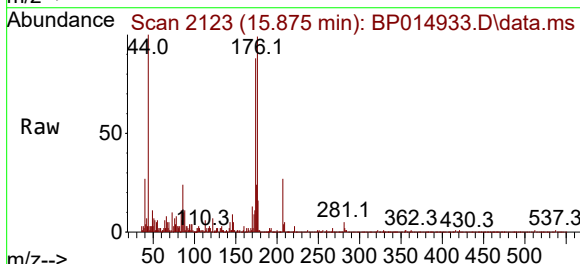
Instrument :
BNA_P
ClientSampleId :
SBLK413

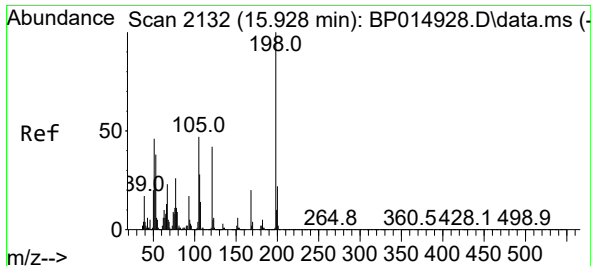
Tgt Ion:204 Resp: 34
Ion Ratio Lower Upper
204 100
206 17.4 26.2 39.2#
141 139.1 46.8 70.2#



#63
4-Nitroaniline
Concen: 0.002 ng/ul
RT: 15.875 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:138 Resp: 10
Ion Ratio Lower Upper
138 100
92 526.3 43.7 65.5#
108 231.6 57.4 86.2#

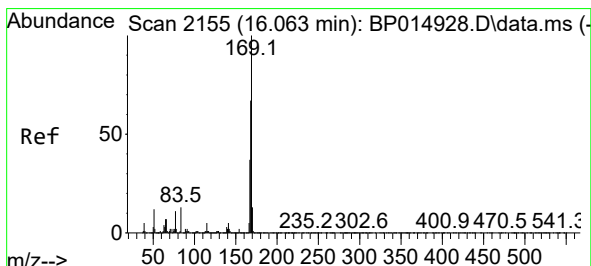
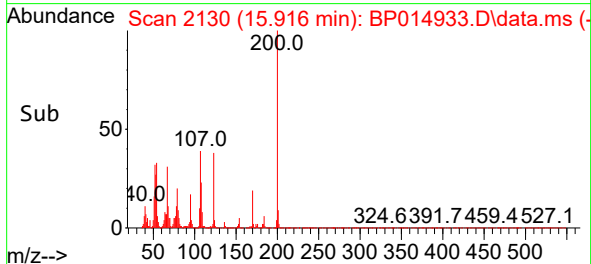
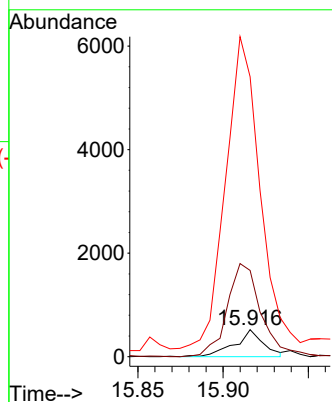
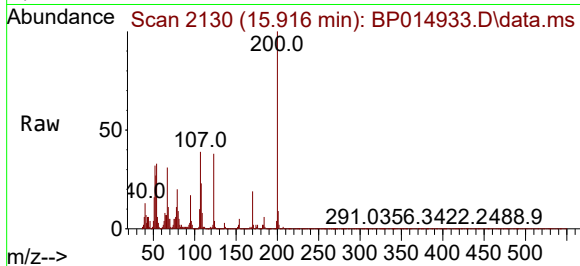




#66
4,6-Dinitro-2-methylphenol
Concen: 0.096 ng/ul
RT: 15.916 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

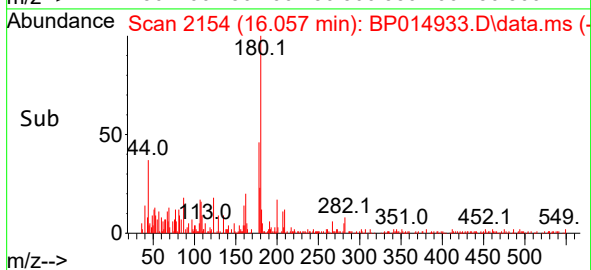
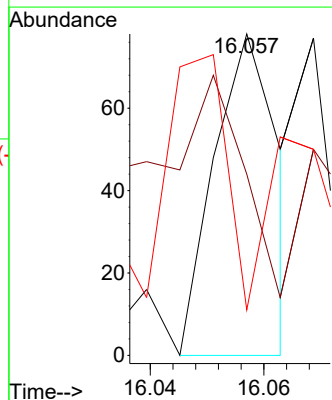
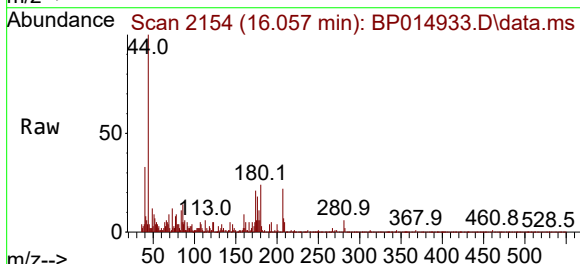
Instrument :
BNA_P
ClientSampleId :
SBLK413

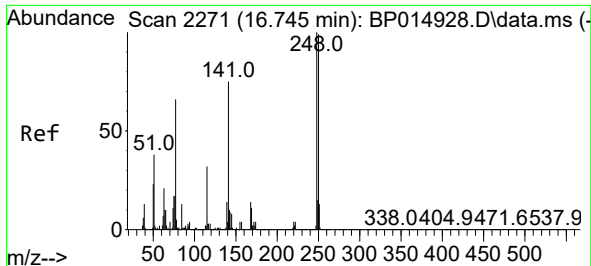
Tgt Ion:198 Resp: 614
Ion Ratio Lower Upper
198 100
182 318.1 3.9 5.9#
77 1031.9 21.4 32.0#



#67
N-Nitrosodiphenylamine
Concen: 0.002 ng/ul
RT: 16.057 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:169 Resp: 62
Ion Ratio Lower Upper
169 100
168 56.4 53.5 80.3
167 14.1 29.3 43.9#

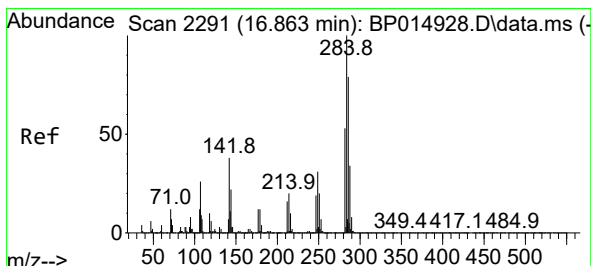
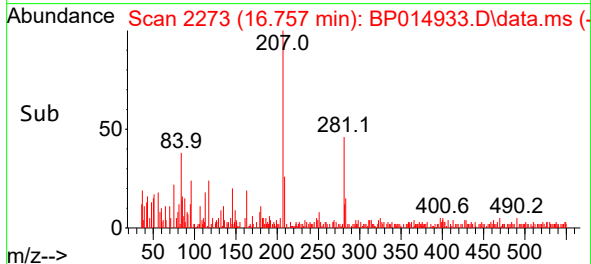
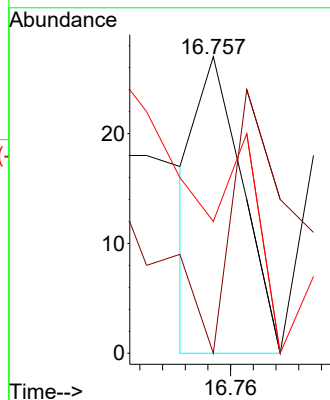
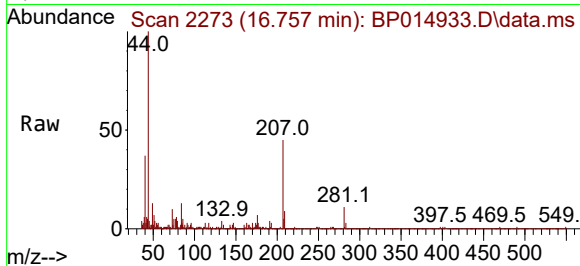




#68
4-Bromophenyl-phenylether
Concen: 0.001 ng/ul
RT: 16.757 min Scan# 2273
Delta R.T. 0.011 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

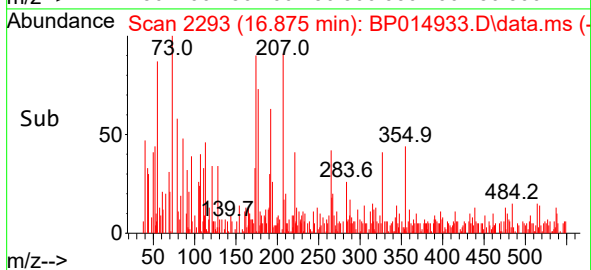
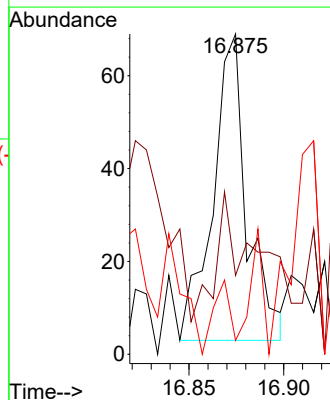
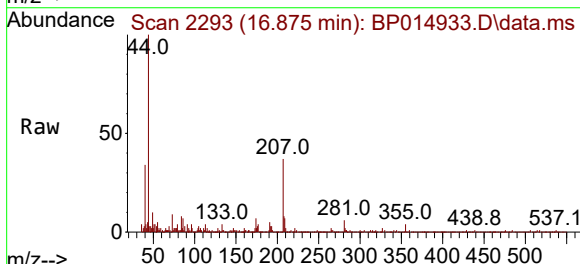
Instrument :
BNA_P
ClientSampleId :
SBLK413

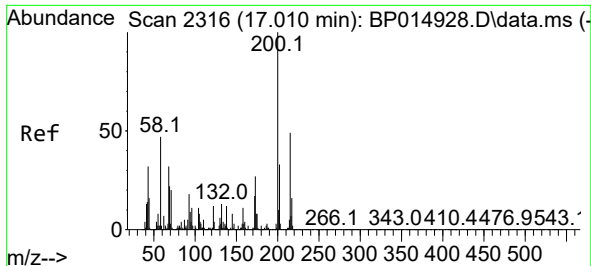
Tgt Ion:248 Resp: 14
Ion Ratio Lower Upper
248 100
250 0.0 79.5 119.3#
141 44.4 60.2 90.4#



#69
Hexachlorobenzene
Concen: 0.006 ng/ul
RT: 16.875 min Scan# 2293
Delta R.T. 0.011 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:284 Resp: 83
Ion Ratio Lower Upper
284 100
142 24.6 30.2 45.2#
249 4.3 24.5 36.7#

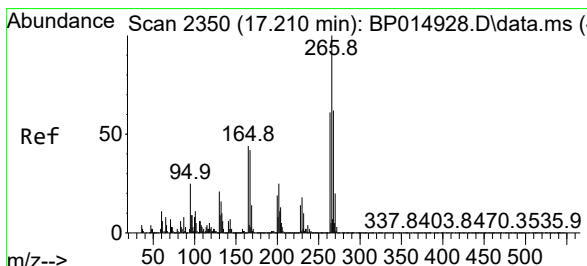
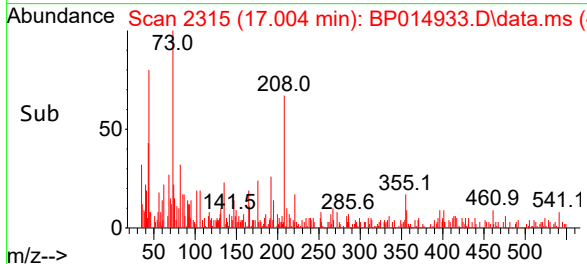
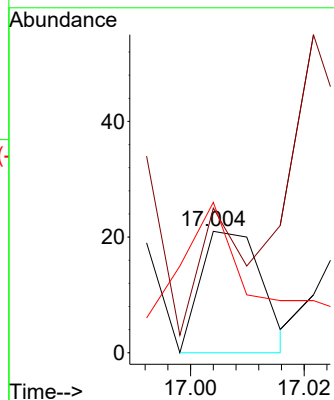
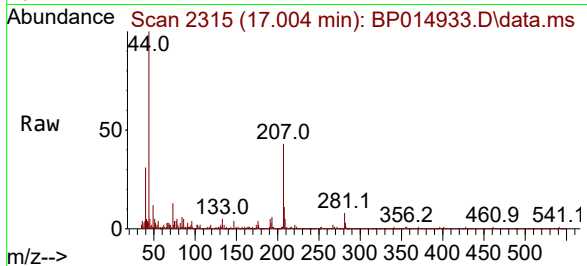




#70
Atrazine
Concen: 0.001 ng/ul
RT: 17.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

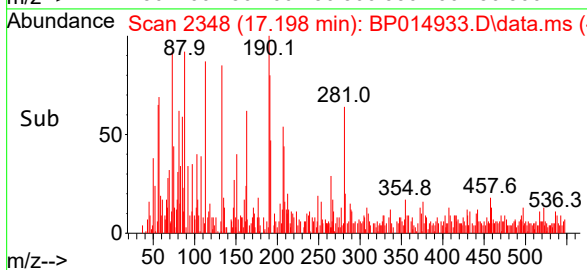
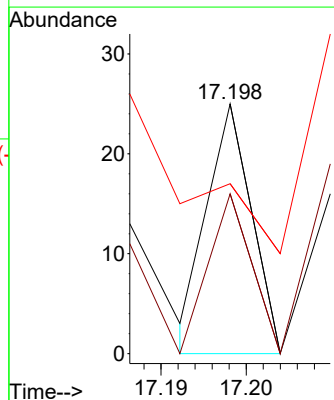
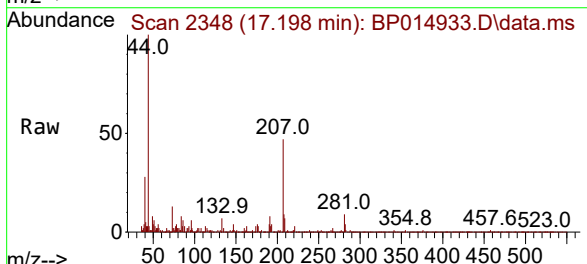
Instrument :
BNA_P
ClientSampleId :
SBLK413

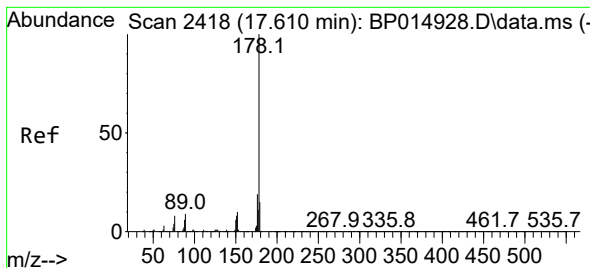
Tgt Ion:200 Resp: 16
Ion Ratio Lower Upper
200 100
173 119.0 21.8 32.6#
215 123.8 39.0 58.4#



#71
Pentachlorophenol
Concen: 0.001 ng/ul
RT: 17.198 min Scan# 2348
Delta R.T. -0.012 min
Lab File: BP014933.D
Acq: 03 May 2023 15:58

Tgt Ion:266 Resp: 9
Ion Ratio Lower Upper
266 100
264 64.0 48.9 73.3
268 68.0 49.6 74.4





#72

Phenanthrene

Concen: 0.006 ng/ul

RT: 17.616 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

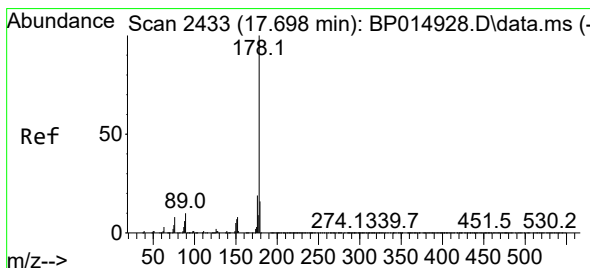
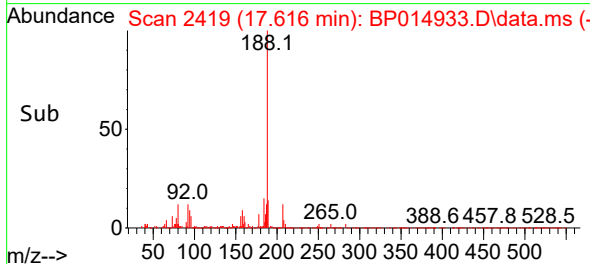
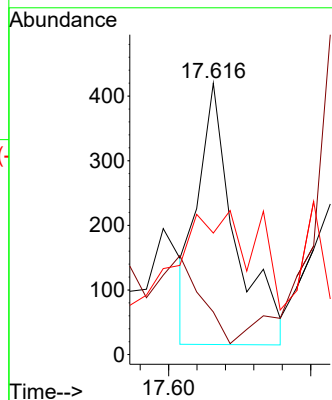
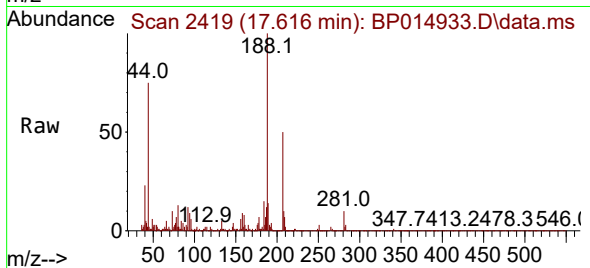
Tgt Ion:178 Resp: 368

Ion Ratio Lower Upper

178 100

179 13.6 12.2 18.4

176 38.7 15.4 23.0#



#74

Anthracene

Concen: 0.004 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

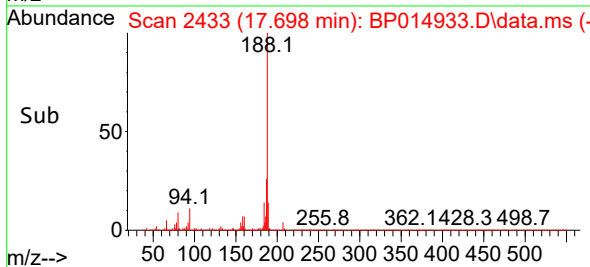
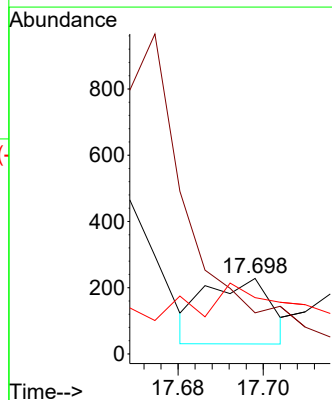
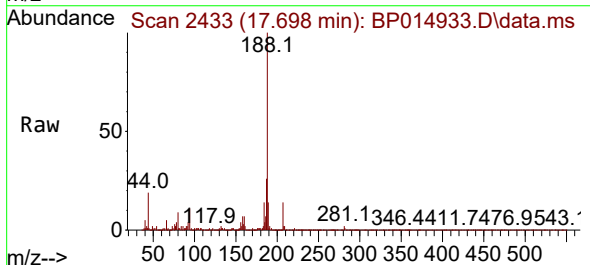
Tgt Ion:178 Resp: 213

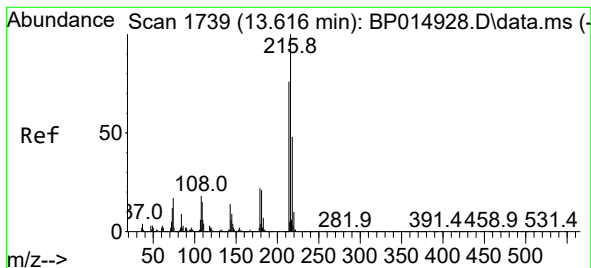
Ion Ratio Lower Upper

178 100

179 54.4 12.6 18.8#

176 74.6 15.0 22.4#





#75

1,2,3,4-Tetrachlorobenzene

Concen: 0.002 ng/uL

RT: 13.616 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

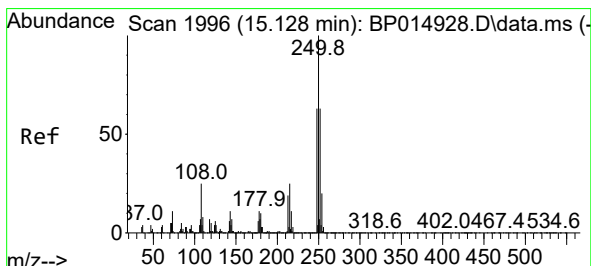
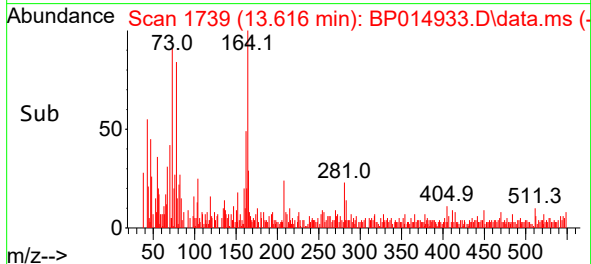
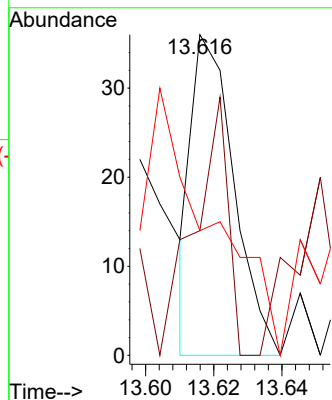
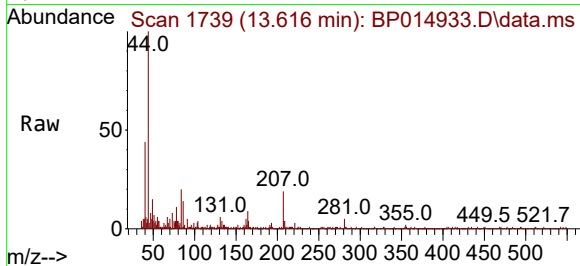
Tgt Ion:216 Resp: 31

Ion Ratio Lower Upper

216 100

214 38.9 60.5 90.7#

218 38.9 38.6 58.0



#76

Pentachlorobenzene

Concen: 0.001 ng/uL

RT: 15.110 min Scan# 1993

Delta R.T. -0.018 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

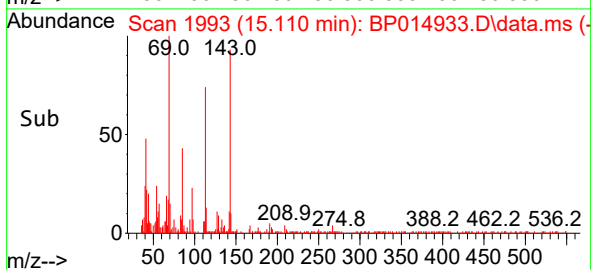
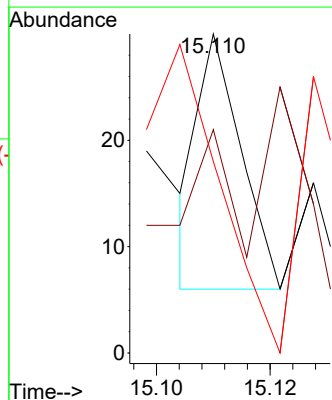
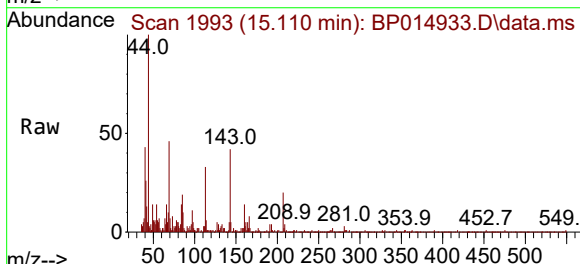
Tgt Ion:250 Resp: 12

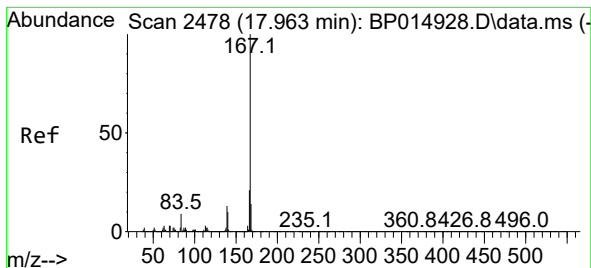
Ion Ratio Lower Upper

250 100

248 70.0 50.5 75.7

252 60.0 50.5 75.7





#77

Carbazole

Concen: 0.002 ng/ul

RT: 17.910 min Scan# 2478

Delta R.T. -0.053 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

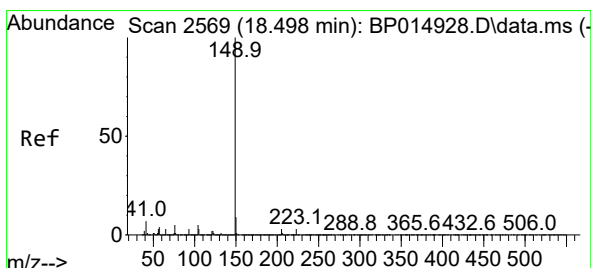
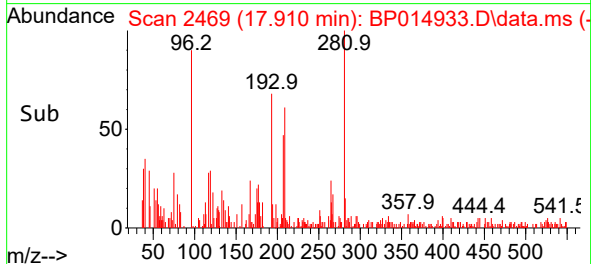
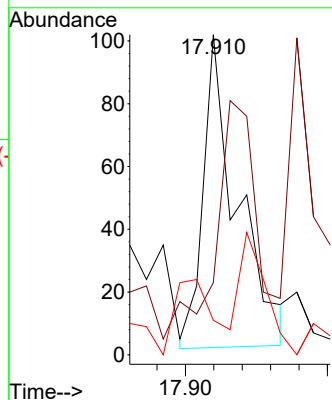
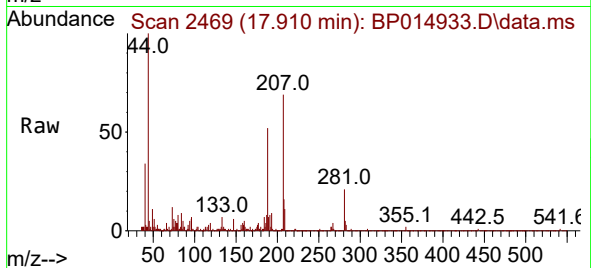
Instrument :

BNA_P

ClientSampleId :

SBLK413

Tgt Ion:167	Resp:	83
Ion Ratio	Lower	Upper
167	100	
166	22.5	17.1 25.7
139	10.8	10.1 15.1



#78

Di-n-butylphthalate

Concen: 0.012 ng/ul

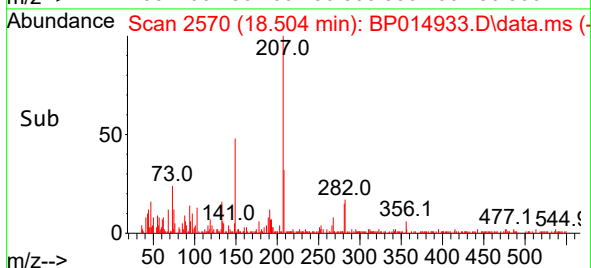
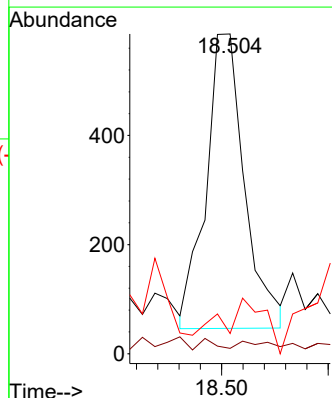
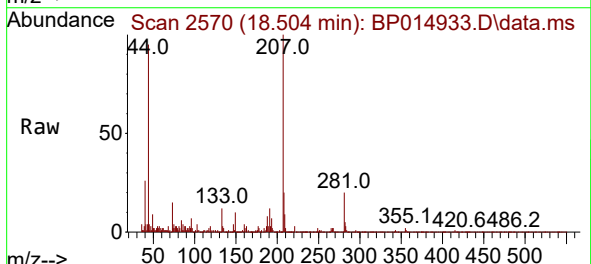
RT: 18.504 min Scan# 2570

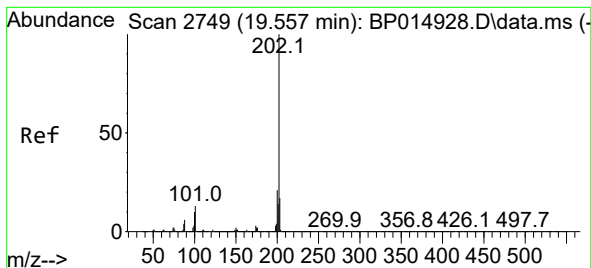
Delta R.T. 0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Tgt Ion:149	Resp:	680
Ion Ratio	Lower	Upper
149	100	
150	1.7	7.4 11.2#
104	6.3	4.1 6.1#





#80

Fluoranthene

Concen: 0.006 ng/uI

RT: 19.563 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

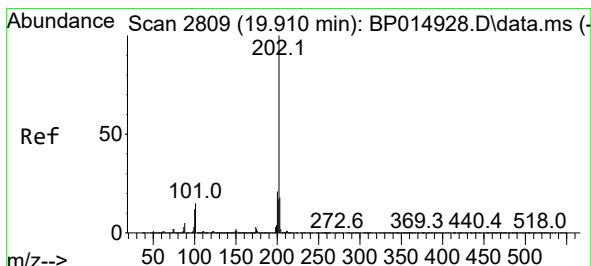
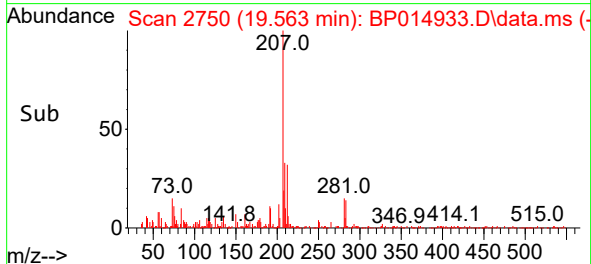
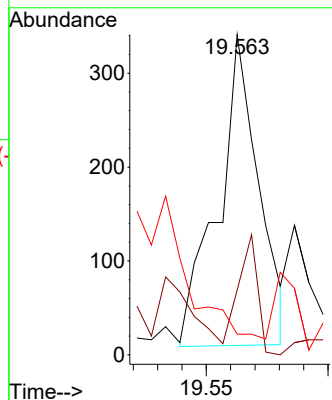
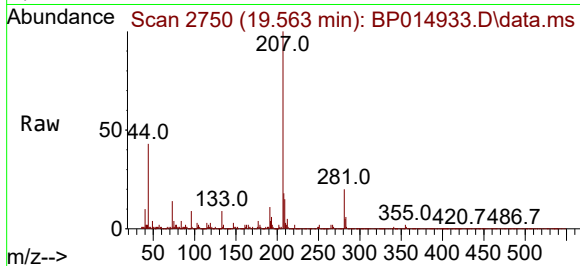
Tgt Ion:202 Resp: 385

Ion Ratio Lower Upper

202 100

101 36.1 10.1 15.1#

100 6.5 7.7 11.5#



#82

Pyrene

Concen: 0.042 ng/uI

RT: 19.886 min Scan# 2805

Delta R.T. -0.024 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

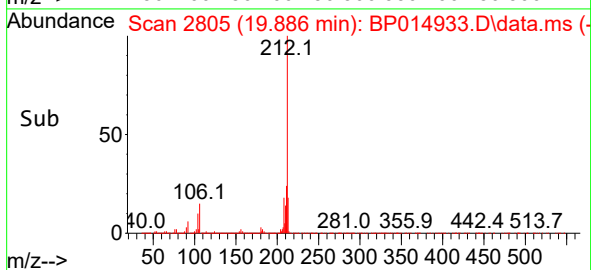
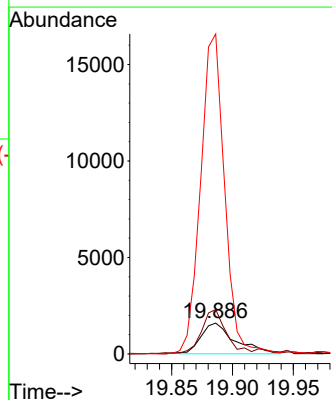
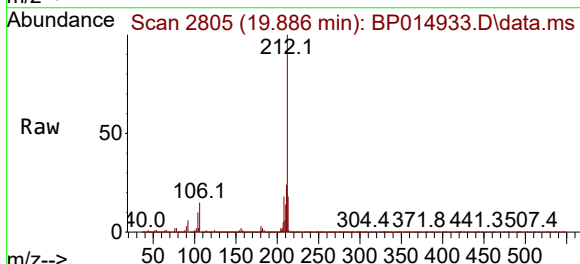
Tgt Ion:202 Resp: 3073

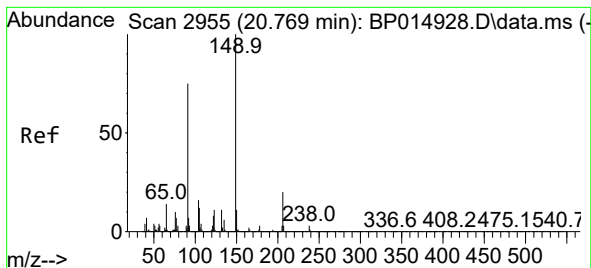
Ion Ratio Lower Upper

202 100

101 143.8 11.9 17.9#

100 1035.9 9.7 14.5#





#83

Butylbenzylphthalate

Concen: 0.004 ng/ul

RT: 20.774 min Scan# 2955

Delta R.T. 0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

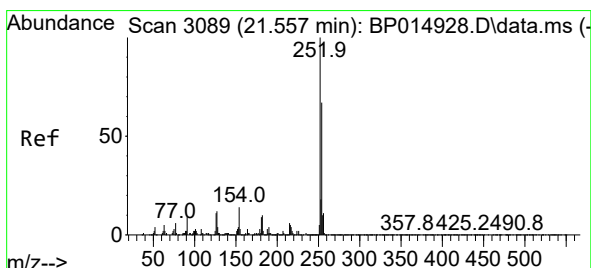
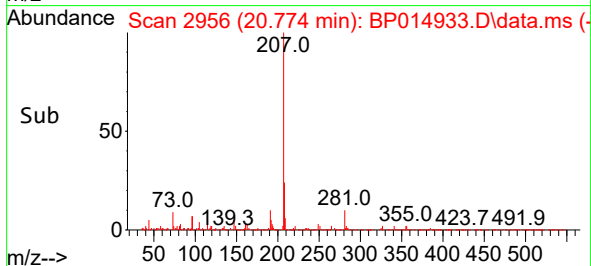
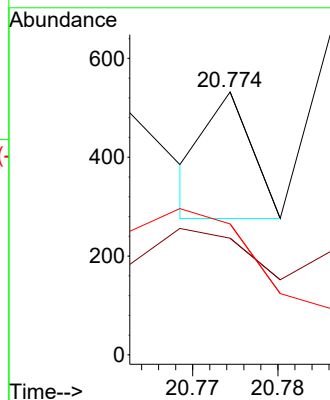
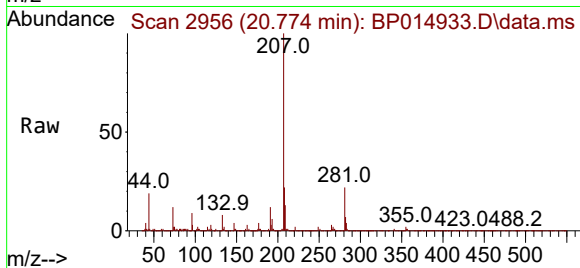
Instrument :

BNA_P

ClientSampleId :

SBLK413

Tgt Ion:	149	Resp:	90
Ion Ratio	Lower	Upper	
149	100		
91	44.4	60.1	90.1#
206	49.8	16.0	24.0#



#84

3,3'-Dichlorobenzidine

Concen: 0.014 ng/ul

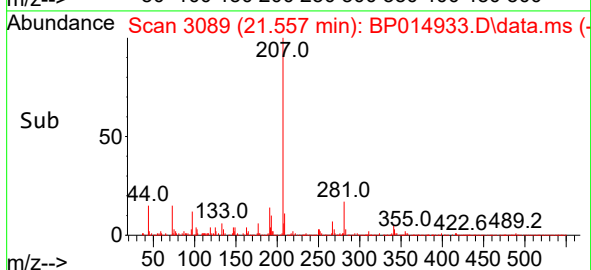
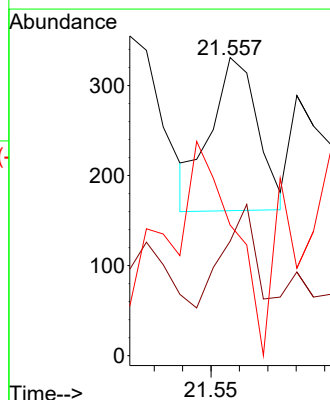
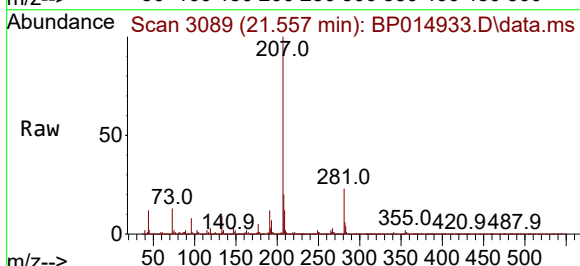
RT: 21.557 min Scan# 3089

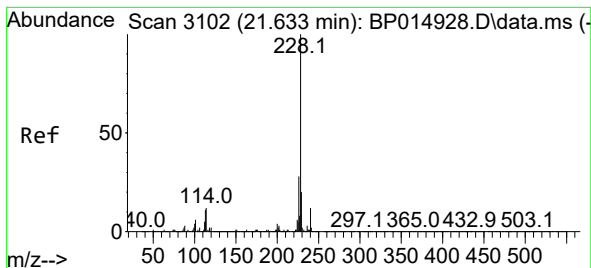
Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Tgt Ion:	252	Resp:	196
Ion Ratio	Lower	Upper	
252	100		
254	38.4	53.3	79.9#
126	48.3	9.0	13.6#





#85

Benzo(a)anthracene

Concen: 0.045 ng/ul

RT: 21.651 min Scan# 3105

Delta R.T. 0.017 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

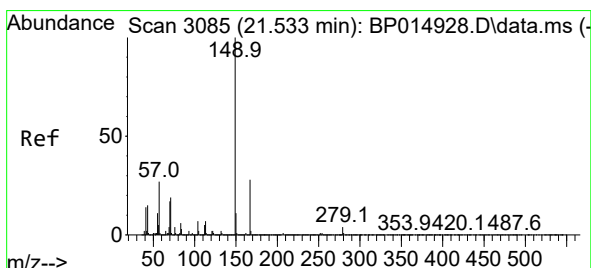
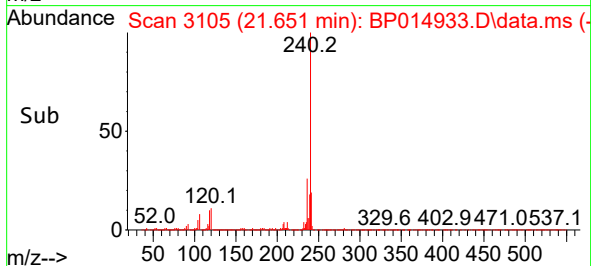
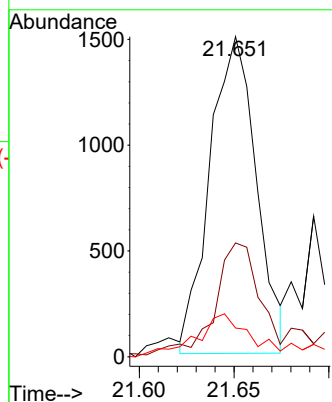
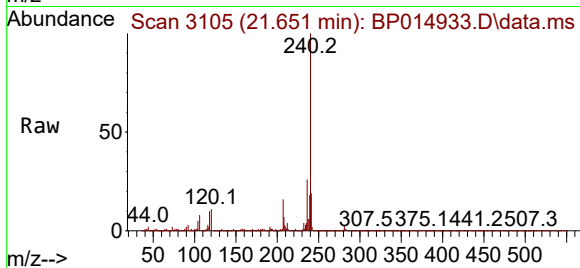
Tgt Ion:228 Resp: 2557

Ion Ratio Lower Upper

228 100

229 35.6 15.9 23.9#

226 9.0 22.1 33.1#



#86

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng/ul

RT: 21.533 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

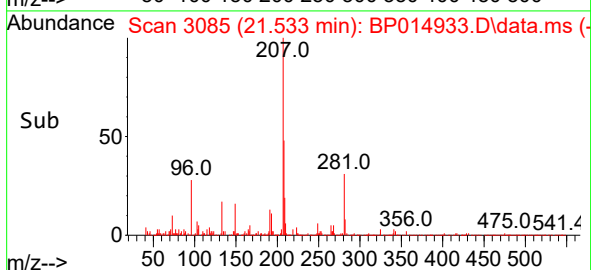
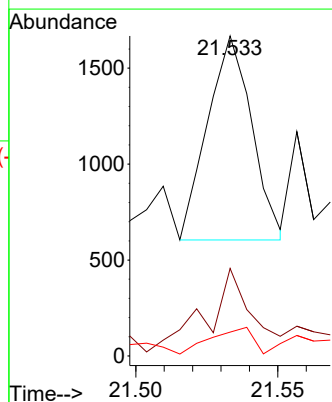
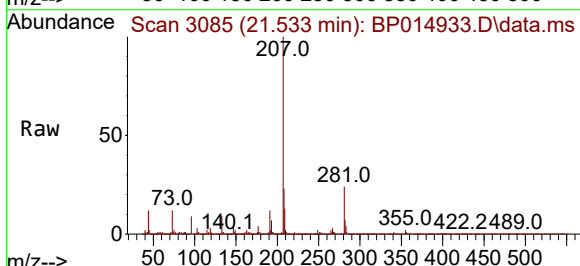
Tgt Ion:149 Resp: 1151

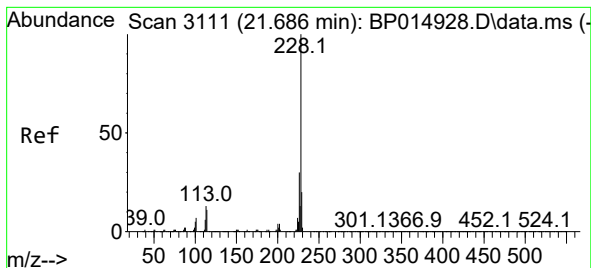
Ion Ratio Lower Upper

149 100

167 30.2 22.0 33.0

279 7.4 2.9 4.3#





#87

Chrysene

Concen: 0.008 ng/ul

RT: 21.692 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

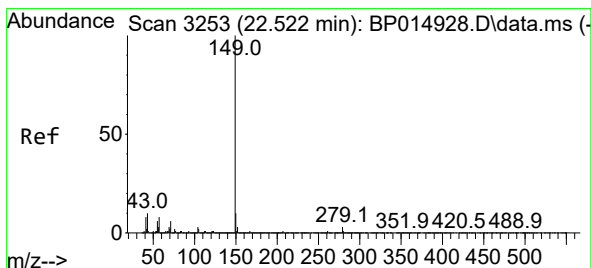
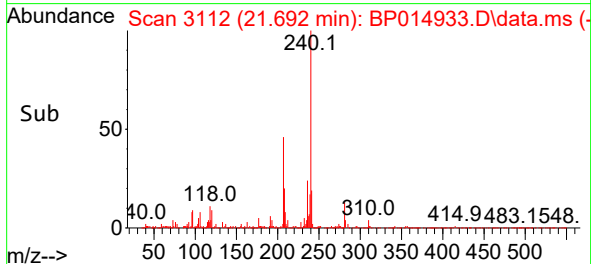
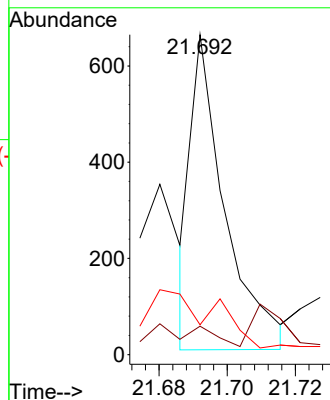
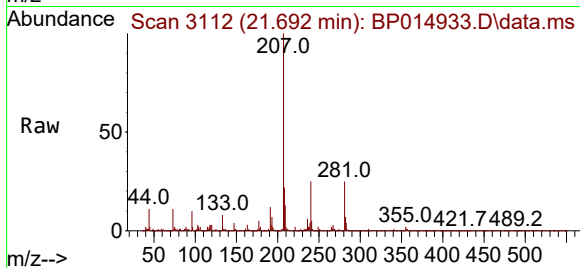
Tgt Ion:228 Resp: 450

Ion Ratio Lower Upper

228 100

226 8.9 24.3 36.5#

229 9.3 15.8 23.8#



#89

Di-n-octyl phthalate

Concen: 0.005 ng/ul

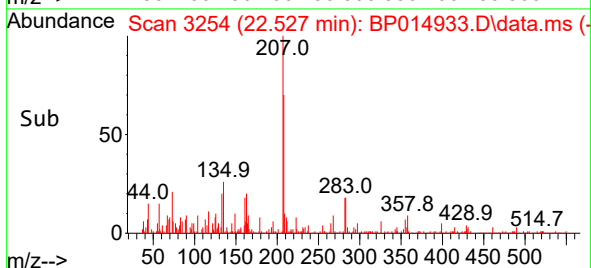
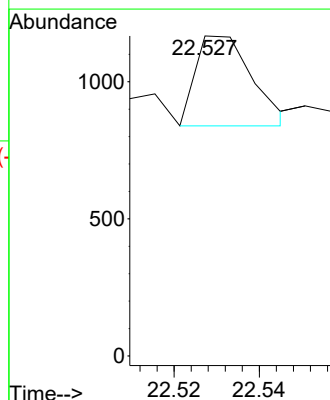
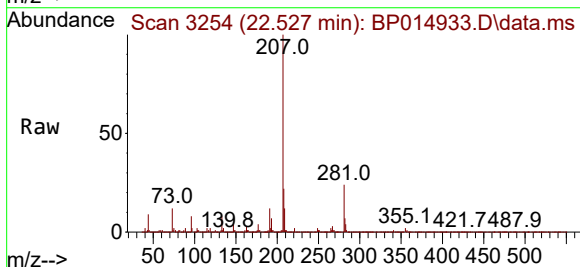
RT: 22.527 min Scan# 3254

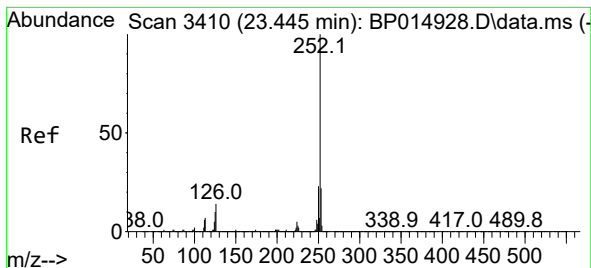
Delta R.T. 0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Tgt Ion:149 Resp: 303





#90

Benzo(b)fluoranthene

Concen: 0.003 ng/ul

RT: 23.445 min Scan# 3410

Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

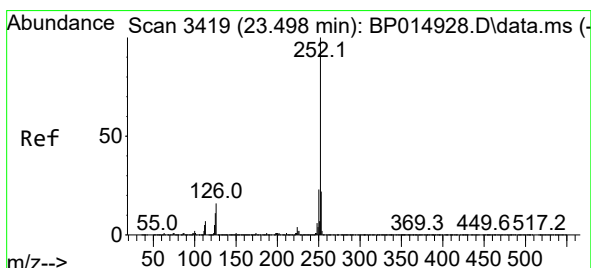
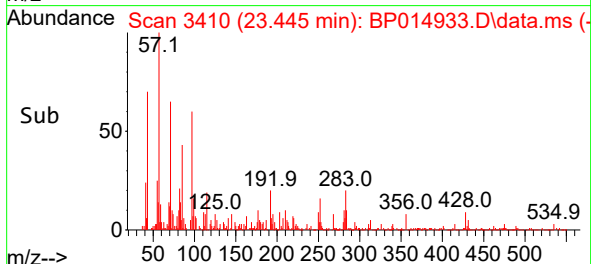
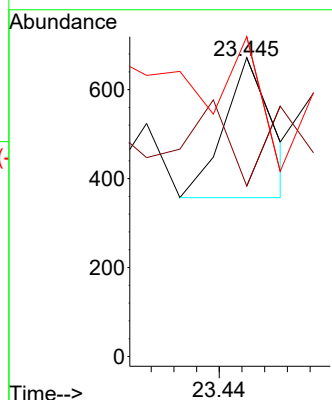
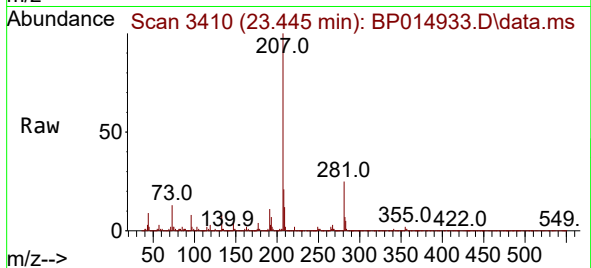
Tgt Ion:252 Resp: 187

Ion Ratio Lower Upper

252 100

253 57.0 17.4 26.2#

125 107.0 8.4 12.6#



#91

Benzo(k)fluoranthene

Concen: 0.001 ng/ul

RT: 23.504 min Scan# 3420

Delta R.T. 0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

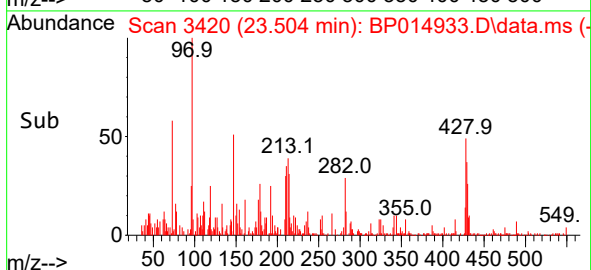
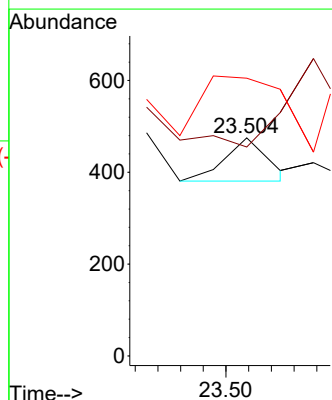
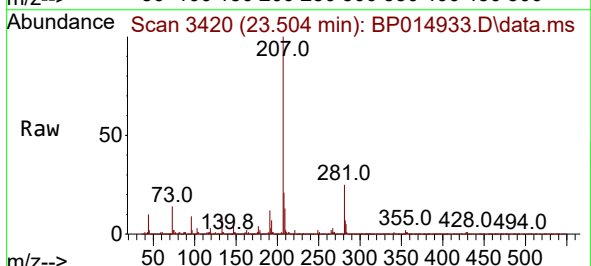
Tgt Ion:252 Resp: 50

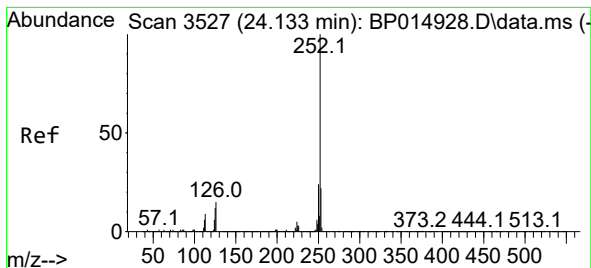
Ion Ratio Lower Upper

252 100

253 95.8 17.8 26.6#

125 127.4 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 0.011 ng/ul

RT: 24.133 min Scan# 3527

Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

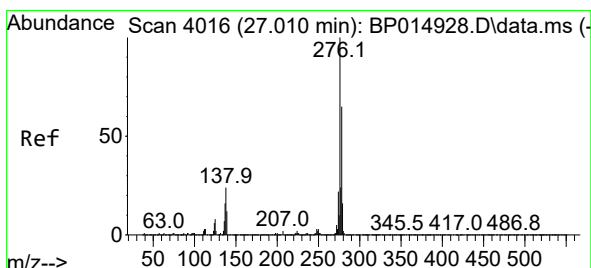
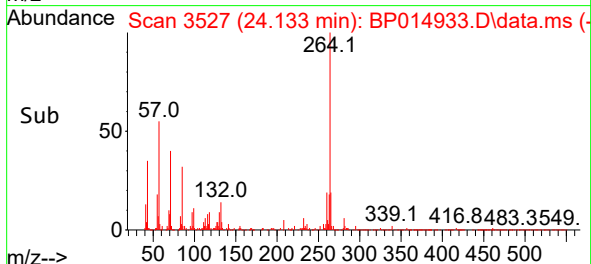
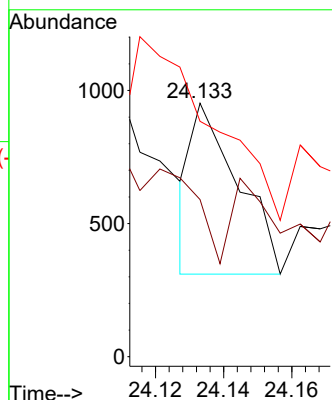
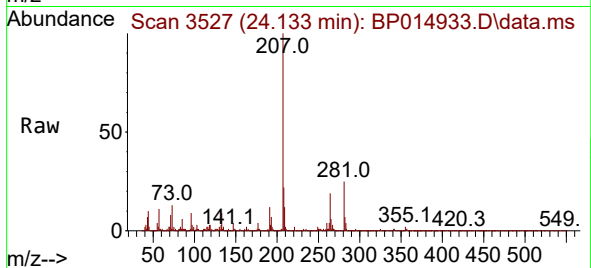
Tgt Ion:252 Resp: 606

Ion Ratio Lower Upper

252 100

253 62.0 17.5 26.3#

125 92.9 9.4 14.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng/ul

RT: 27.009 min Scan# 4016

Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

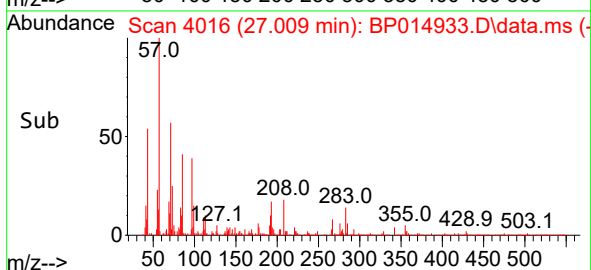
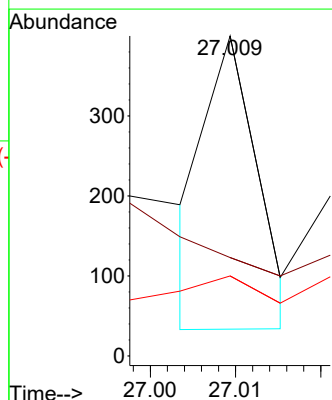
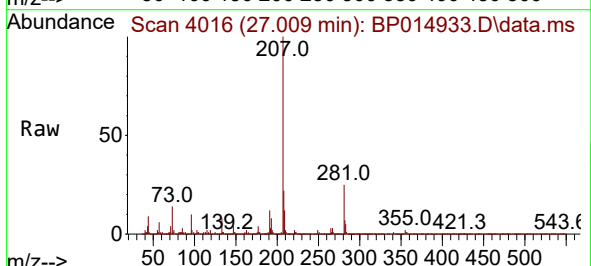
Tgt Ion:276 Resp: 152

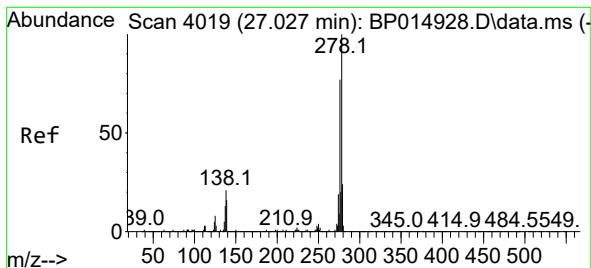
Ion Ratio Lower Upper

276 100

138 30.8 19.4 29.0#

277 25.0 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 0.004 ng/ul

RT: 27.027 min Scan# 4019

Delta R.T. -0.000 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Instrument :

BNA_P

ClientSampleId :

SBLK413

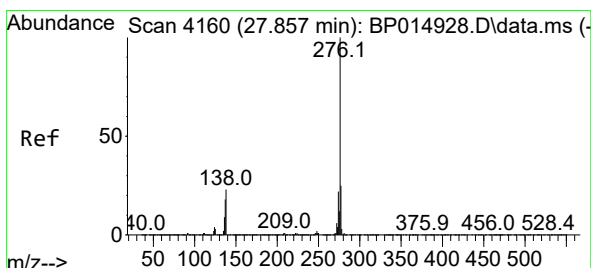
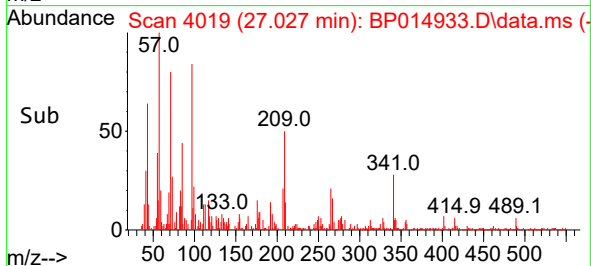
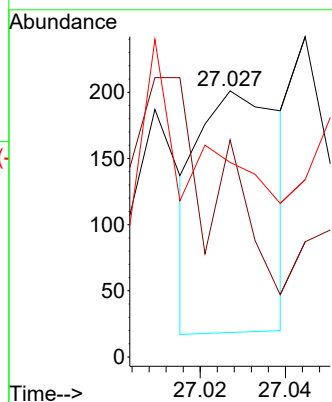
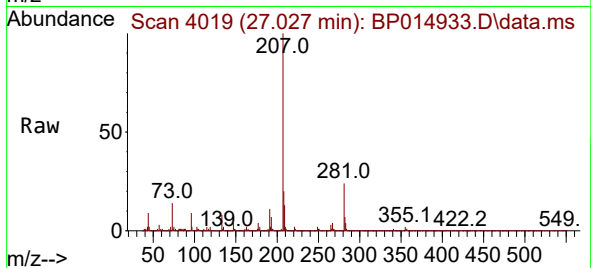
Tgt Ion:278 Resp: 239

Ion Ratio Lower Upper

278 100

139 81.6 12.9 19.3#

279 88.6 19.0 28.6#



#96

Benzo(g,h,i)perylene

Concen: 0.004 ng/ul

RT: 27.850 min Scan# 4159

Delta R.T. -0.006 min

Lab File: BP014933.D

Acq: 03 May 2023 15:58

Tgt Ion:276 Resp: 213

Ion Ratio Lower Upper

276 100

138 26.4 18.0 27.0

277 22.5 19.8 29.8

