

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016132.D
 Acq On : 09 Jul 2023 14:32
 Operator : MA/JU
 Sample : 03356-10MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 09 22:41:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	290233	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.828	136	1185384	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.663	164	676662	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.428	188	1288448	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.527	240	923238	20.000	ng/u1	#-0.01
88) Perylene-d12	24.074	264	1083179	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	44309	5.493	ng/uL	0.00
4) Pyridine-d5	3.793	84	524755	25.806	ng/u1	-0.01
7) Phenol-d5	7.193	99	806223	32.466	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	525717	34.219	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.540	132	600627	32.041	ng/u1	-0.02
15) 4-Methylphenol-d8	8.752	113	618009	31.503	ng/u1	-0.02
21) Nitrobenzene-d5	9.199	128	296239	32.701	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.928	143	333127	31.507	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.481	165	589224	31.273	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.004	131	734193	30.334	ng/u1	-0.02
46) Dimethylphthalate-d6	14.075	166	1610172	30.787	ng/u1	-0.01
49) Acenaphthylene-d8	14.357	160	1896100	32.250	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.951	143	71686	10.387	ng/u1	-0.01
60) Fluorene-d10	15.657	176	1330379	30.893	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.839	200	191651	24.187	ng/u1	-0.01
73) Anthracene-d10	17.534	188	1862264	31.642	ng/u1	-0.01
81) Pyrene-d10	19.763	212	1899457	31.508	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.898	264	1765821	32.317	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	107725	12.409	ng/uL	97
5) Pyridine	3.811	79	647366	30.431	ng/u1	97
6) Benzaldehyde	7.163	77	470513	46.864	ng/u1	97
8) Phenol	7.222	94	859543	33.355	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.434	93	711110	34.683	ng/u1	98
12) 2-Chlorophenol	7.575	128	645843	32.429	ng/u1	98
13) 2-Methylphenol	8.475	108	633749	32.573	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1072368	38.293	ng/u1	98
16) Acetophenone	8.858	105	1031828	31.996	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.834	70	571257	31.895	ng/u1	98
18) 4-Methylphenol	8.822	108	691661	33.086	ng/u1	94
19) Hexachloroethane	9.075	117	287857	31.295	ng/u1	89
22) Nitrobenzene	9.246	77	854819	33.601	ng/u1	98
23) Isophorone	9.769	82	1575921	32.371	ng/u1	99
25) 2-Nitrophenol	9.957	139	371140	33.075	ng/u1	93
26) 2,4-Dimethylphenol	10.016	107	759852	30.804	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.240	93	955334	34.762	ng/u1	98
29) 2,4-Dichlorophenol	10.510	162	597767	31.912	ng/u1	99
30) Naphthalene	10.881	128	2069086	32.109	ng/u1	99
32) 4-Chloroaniline	11.028	127	671921	26.720	ng/u1	98
33) Hexachlorobutadiene	11.140	225	388471	27.462	ng/u1	99
34) Caprolactam	11.846	113	179141	31.265	ng/u1	94
35) 4-Chloro-3-methylphenol	12.169	107	665758	30.364	ng/u1	99
36) 2-Methylnaphthalene	12.493	142	1344782	31.701	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016132.D
 Acq On : 09 Jul 2023 14:32
 Operator : MA/JU
 Sample : 03356-10MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

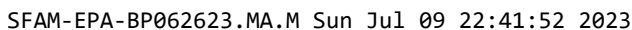
Instrument :
 BNA_P
 ClientSampleId :

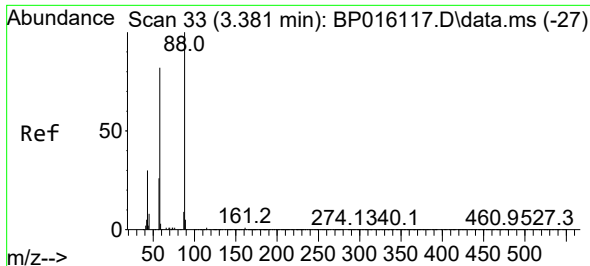
Quant Time: Jul 09 22:41:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1334301	30.833	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.863	216	704990	31.616	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	207652	31.128	ng/ul	97
41) 2,4,6-Trichlorophenol	13.122	196	440023	31.225	ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	475690	31.825	ng/ul	97
43) 1,1'-Biphenyl	13.493	154	1774998	33.118	ng/ul#	97
44) 2-Chloronaphthalene	13.546	162	1385616	32.818	ng/ul	98
45) 2-Nitroaniline	13.787	65	450405	33.903	ng/ul	97
47) Dimethylphthalate	14.122	163	1660767	30.683	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	344227	31.352	ng/ul	100
50) Acenaphthylene	14.387	152	2107540	32.533	ng/ul	100
51) 3-Nitroaniline	14.628	138	318467	36.989	ng/ul	95
52) Acenaphthene	14.728	153	1458522	32.468	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	145465	24.972	ng/ul	88
55) 4-Nitrophenol	14.981	109	224941	31.450	ng/ul#	51
56) Dibenzofuran	15.069	168	1946893	31.220	ng/ul	97
57) 2,4-Dinitrotoluene	15.087	165	462870	30.937	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.316	232	370339	28.845	ng/ul	98
59) Diethylphthalate	15.475	149	1646602	30.062	ng/ul	99
61) Fluorene	15.716	166	1563208	30.905	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.698	204	760237	29.373	ng/ul	98
63) 4-Nitroaniline	15.804	138	262556	44.556	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.857	198	239693	29.897	ng/ul#	93
67) N-Nitrosodiphenylamine	15.928	169	1271760	32.971	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	461664	31.378	ng/ul	90
69) Hexachlorobenzene	16.728	284	515488	29.693	ng/ul	97
70) Atrazine	16.892	200	322891	21.869	ng/ul	96
71) Pentachlorophenol	17.098	266	213779	25.657	ng/ul	97
72) Phenanthrene	17.469	178	2265145	32.361	ng/ul	100
74) Anthracene	17.569	178	2243815	31.902	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	717131	34.205	ng/ul	100
76) Pentachlorobenzene	14.987	250	1504389	71.097	ng/ul	99
77) Carbazole	17.863	167	1892842	31.930	ng/ul	99
78) Di-n-butylphthalate	18.357	149	2608490	33.191	ng/ul	100
80) Fluoranthene	19.439	202	2331402	31.117	ng/ul#	94
82) Pyrene	19.798	202	2384438	31.199	ng/ul#	91
83) Butylbenzylphthalate	20.639	149	1004712	32.223	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.451	252	611796	29.314	ng/ul	97
85) Benzo(a)anthracene	21.510	228	2034259	31.323	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1470140	34.308	ng/ul	100
87) Chrysene	21.569	228	2053396	33.325	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2450621	30.958	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	2118428	30.438	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	2098938	29.848	ng/ul#	98
93) Benzo(a)pyrene	23.957	252	1928865	31.717	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.745	276	2631929	31.880	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.745	278	2154158	31.767	ng/ul#	95
96) Benzo(g,h,i)perylene	27.598	276	2166982	31.906	ng/ul#	94

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

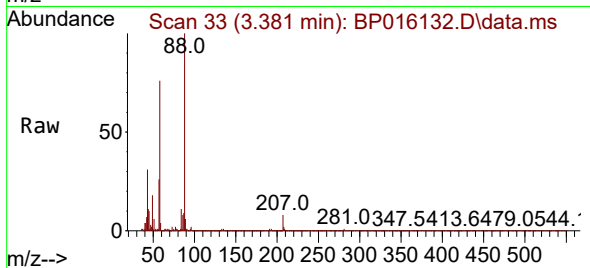
Quant Time: Jul 09 22:41:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration



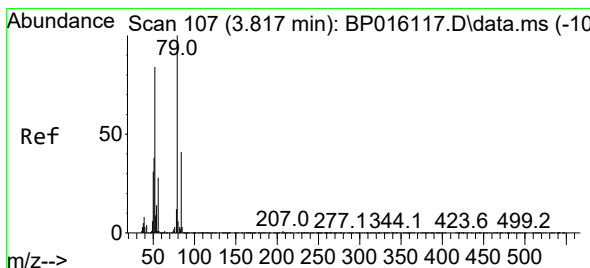
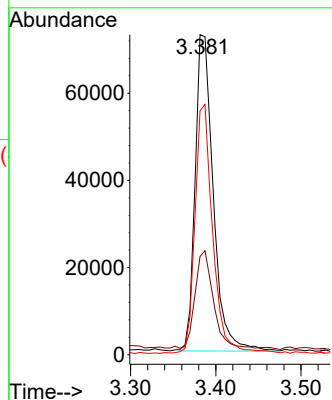
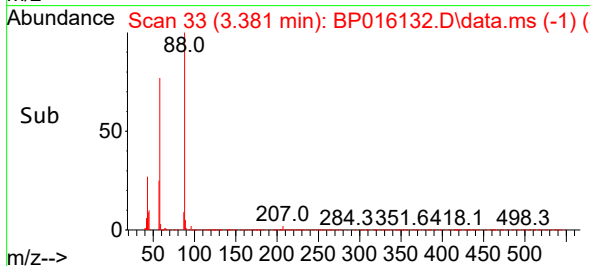


#2
1,4-Dioxane
Concen: 12.409 ng/uL
RT: 3.381 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

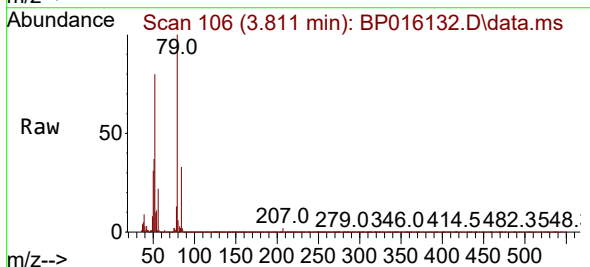
Instrument :
BNA_P
ClientSampleId :



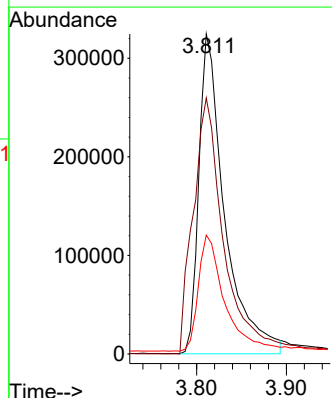
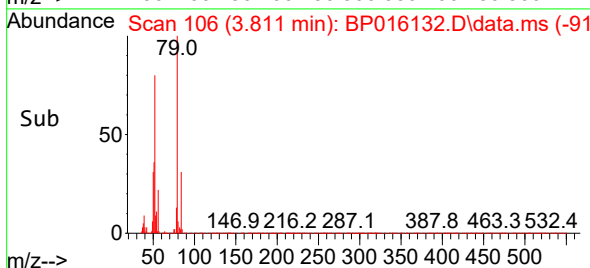
Tgt Ion: 88 Resp: 107725
Ion Ratio Lower Upper
88 100
43 30.7 27.4 41.2
58 76.2 59.8 89.8

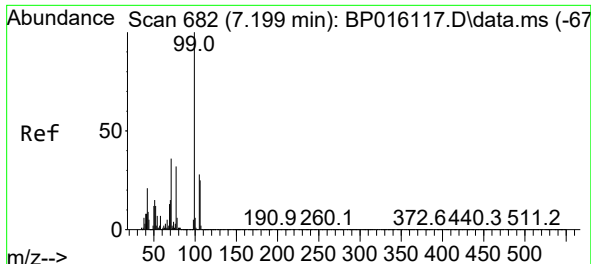


#5
Pyridine
Concen: 30.431 ng/uL
RT: 3.811 min Scan# 106
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32



Tgt Ion: 79 Resp: 647366
Ion Ratio Lower Upper
79 100
52 80.0 65.5 98.3
51 37.2 31.8 47.8

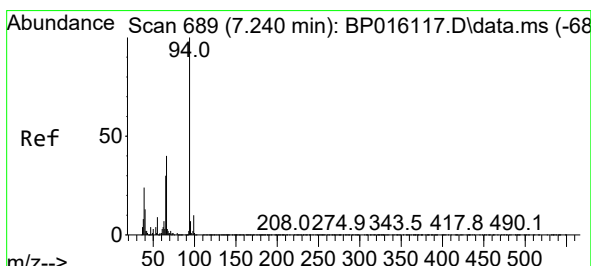
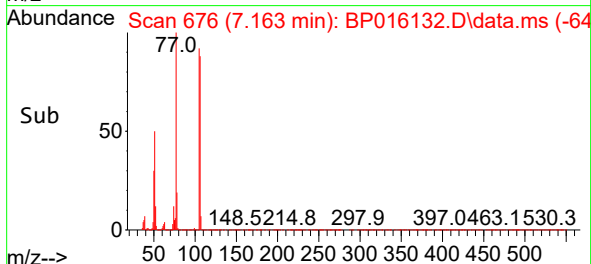
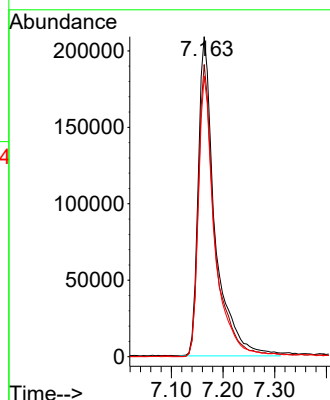
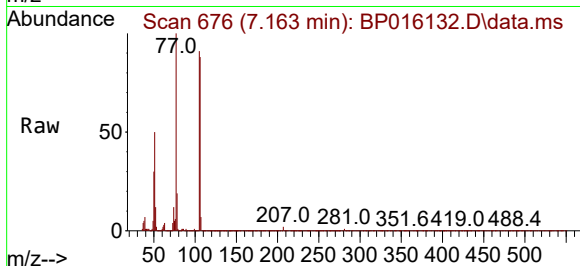




#6
Benzaldehyde
Concen: 46.864 ng/ul
RT: 7.163 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

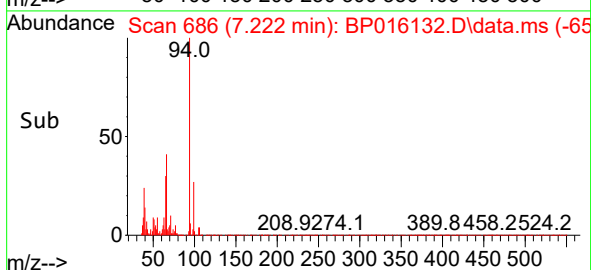
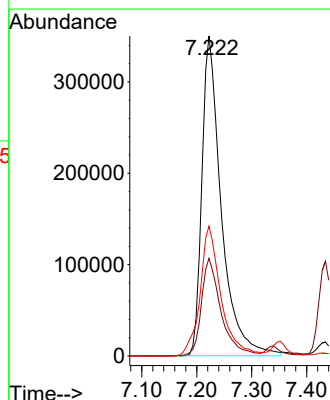
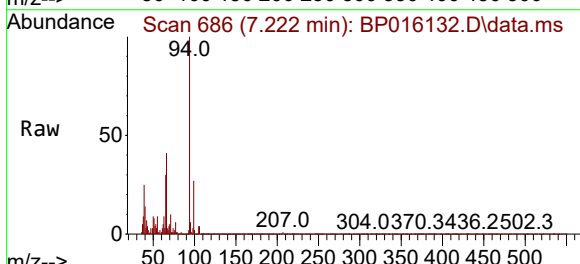
Instrument :
BNA_P
ClientSampleId :

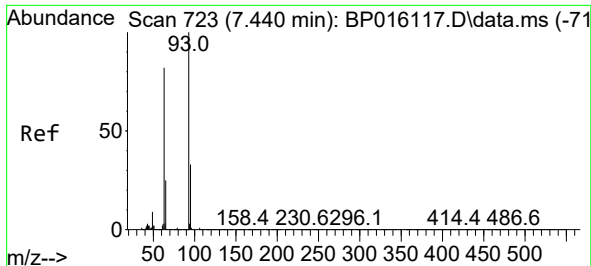
Tgt Ion: 77 Resp: 470513
Ion Ratio Lower Upper
77 100
105 91.3 73.4 110.0
106 87.7 66.6 100.0



#8
Phenol
Concen: 33.355 ng/ul
RT: 7.222 min Scan# 686
Delta R.T. -0.024 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion: 94 Resp: 859543
Ion Ratio Lower Upper
94 100
65 30.5 26.4 39.6
66 40.6 37.3 55.9

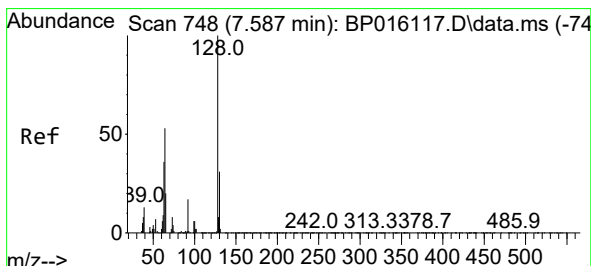
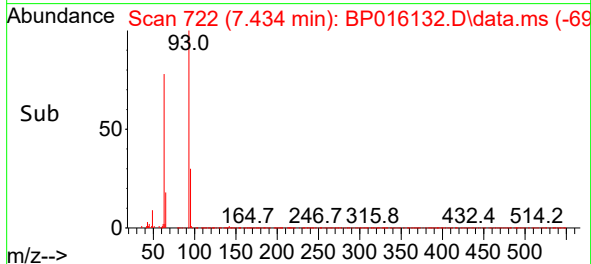
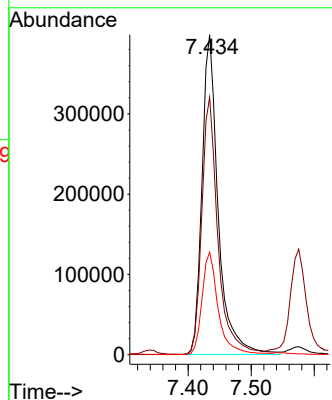
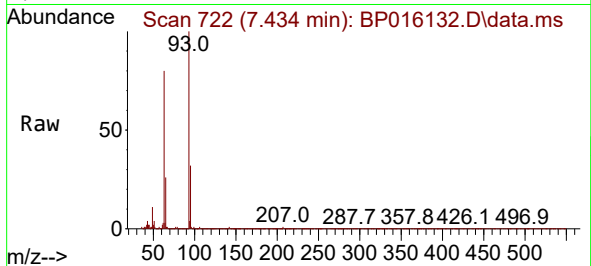




#10
Bis(2-Chloroethyl)ether
Concen: 34.683 ng/ul
RT: 7.434 min Scan# 711
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

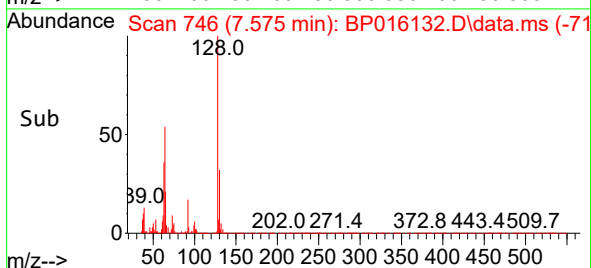
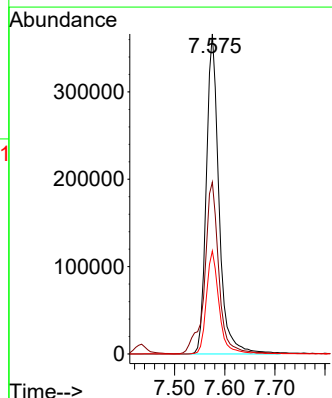
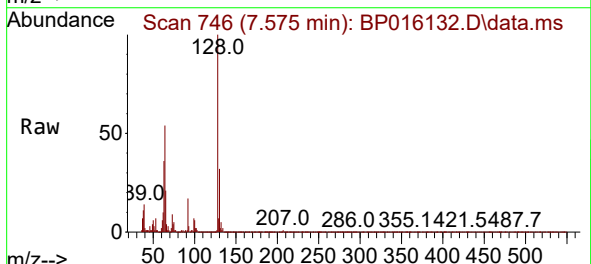
Instrument :
BNA_P
ClientSampleId :

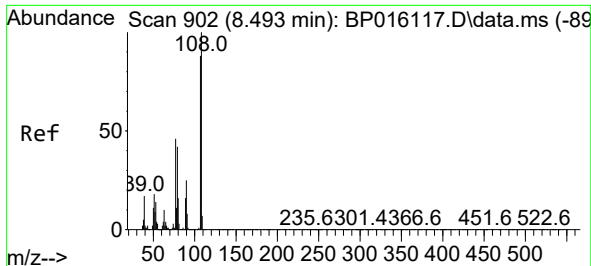
Tgt Ion: 93 Resp: 711110
Ion Ratio Lower Upper
93 100
63 80.5 62.8 94.2
95 32.0 25.6 38.4



#12
2-Chlorophenol
Concen: 32.429 ng/ul
RT: 7.575 min Scan# 746
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:128 Resp: 645843
Ion Ratio Lower Upper
128 100
64 53.7 41.2 61.8
130 32.2 26.0 39.0





#13

2-Methylphenol

Concen: 32.573 ng/ul

RT: 8.475 min Scan# 899

Delta R.T. -0.024 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

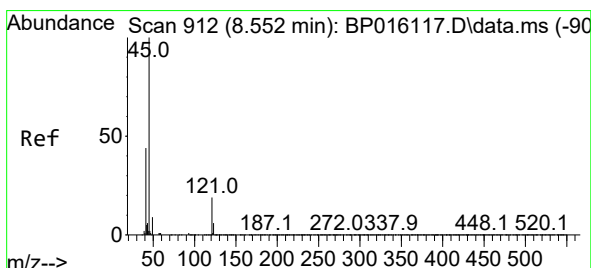
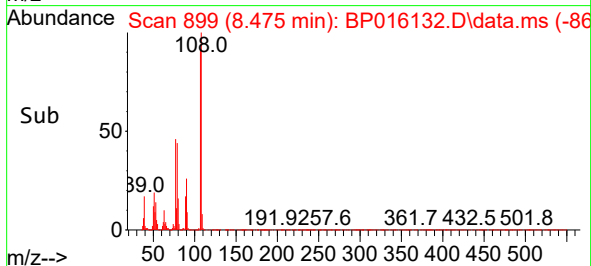
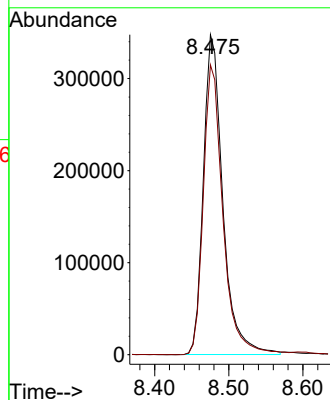
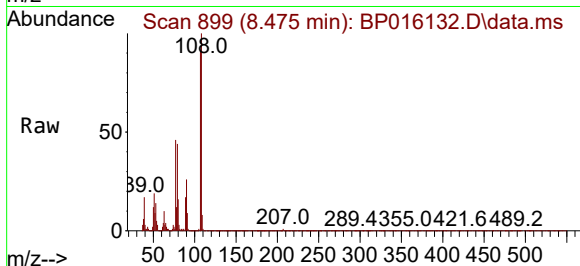
ClientSampleId :

Tgt Ion:108 Resp: 633749

Ion Ratio Lower Upper

108 100

107 90.6 73.8 110.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 38.293 ng/ul

RT: 8.546 min Scan# 911

Delta R.T. -0.018 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

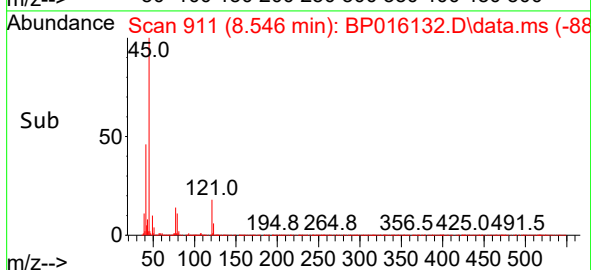
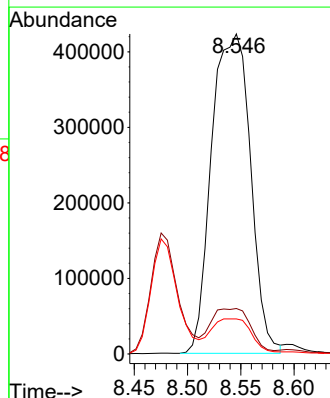
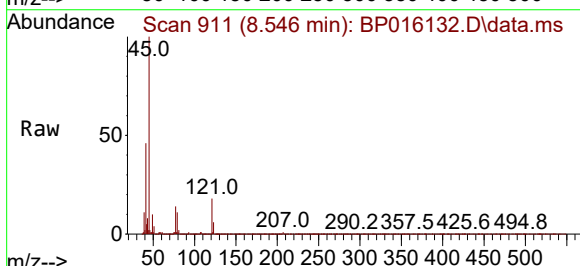
Tgt Ion: 45 Resp: 1072368

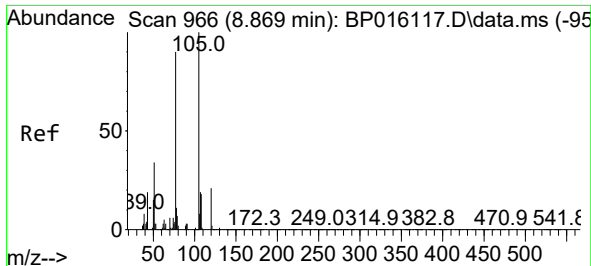
Ion Ratio Lower Upper

45 100

77 14.2 12.4 18.6

79 11.0 9.3 13.9

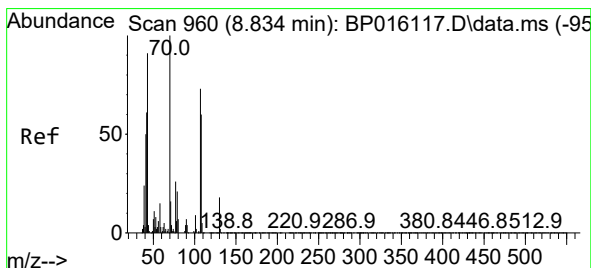
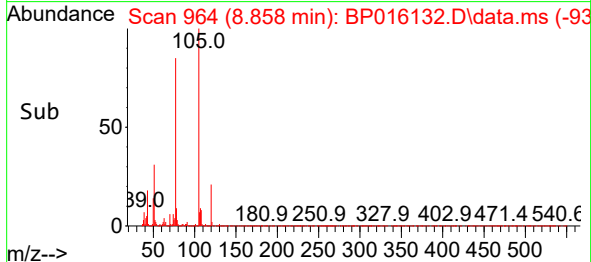
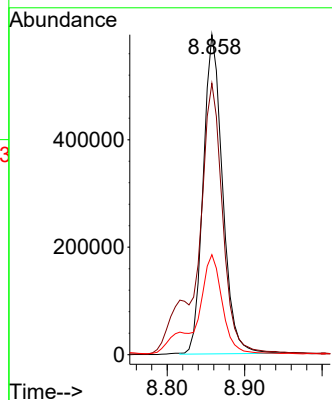
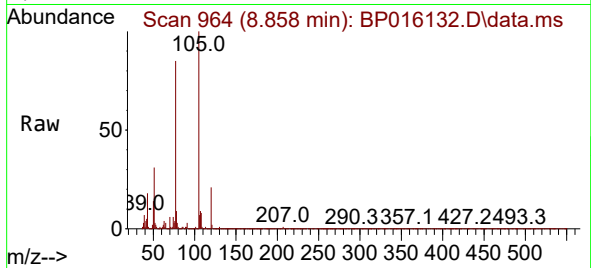




#16
Acetophenone
Concen: 31.996 ng/ul
RT: 8.858 min Scan# 90
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

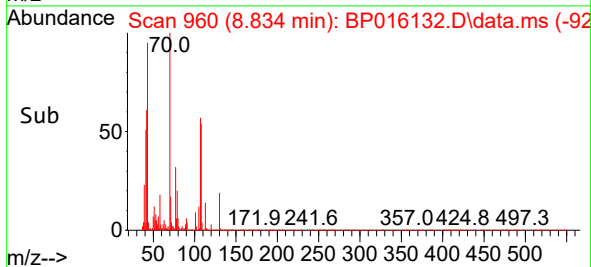
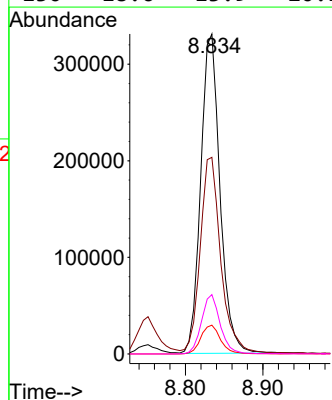
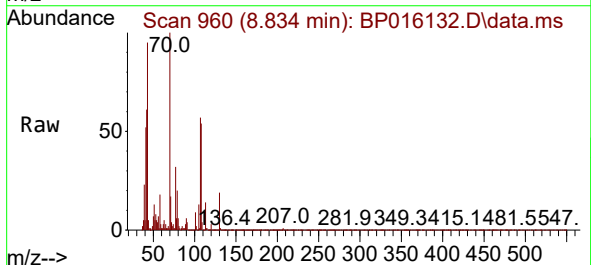
Instrument :
BNA_P
ClientSampleId :

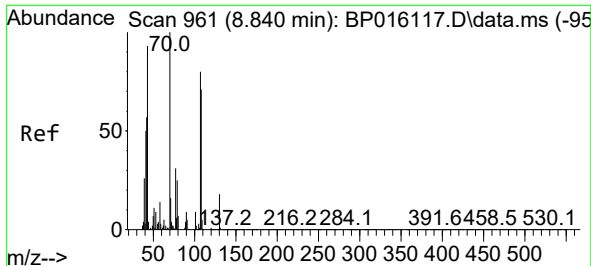
Tgt Ion:105 Resp: 1031828
Ion Ratio Lower Upper
105 100
77 84.8 65.0 97.4
51 31.3 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 31.895 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion: 70 Resp: 571257
Ion Ratio Lower Upper
70 100
42 61.5 48.2 72.2
101 9.0 7.6 11.4
130 18.6 13.9 20.9

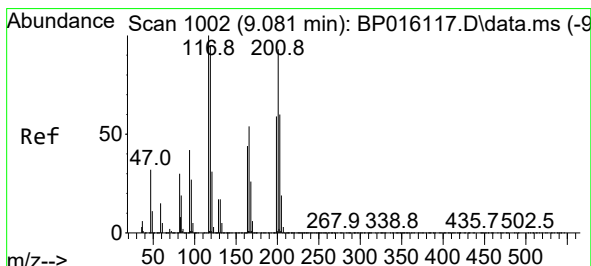
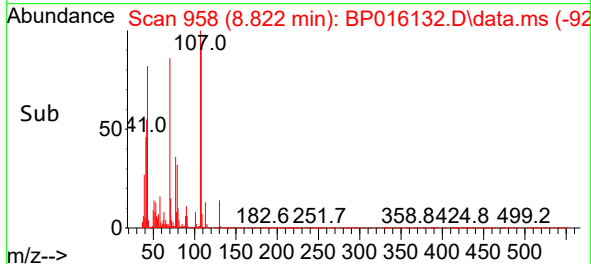
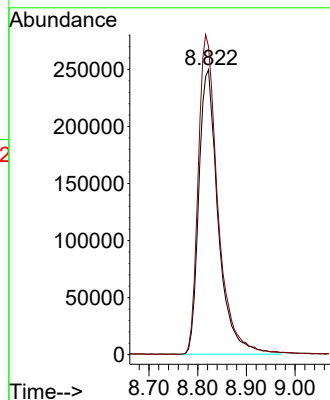
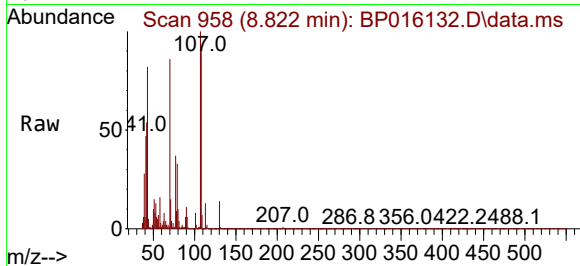




#18
4-Methylphenol
Concen: 33.086 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

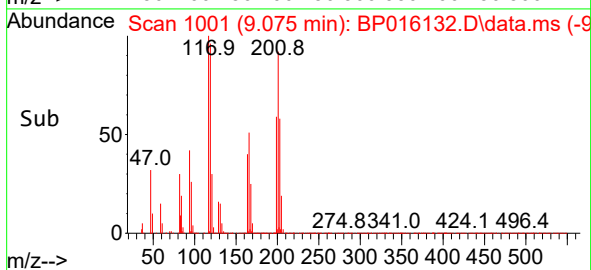
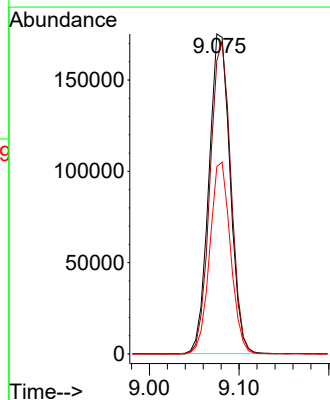
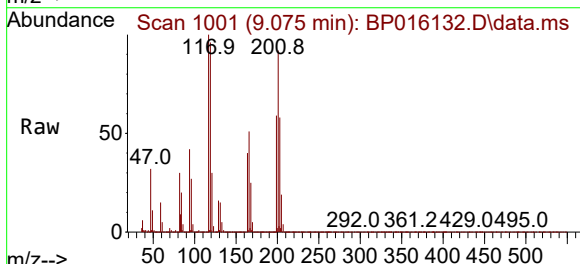
Instrument :
BNA_P
ClientSampleId :

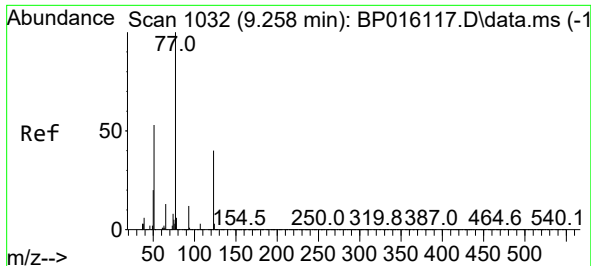
Tgt Ion:108 Resp: 691661
Ion Ratio Lower Upper
108 100
107 108.1 91.3 136.9



#19
Hexachloroethane
Concen: 31.295 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.023 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:117 Resp: 287857
Ion Ratio Lower Upper
117 100
201 91.7 84.2 126.2
199 58.5 51.8 77.8

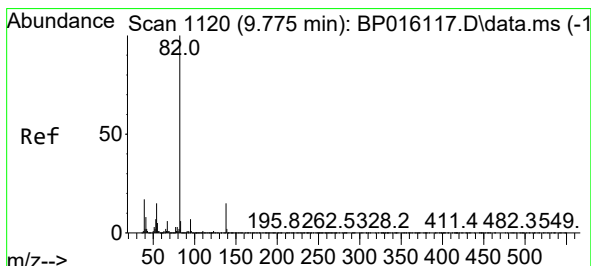
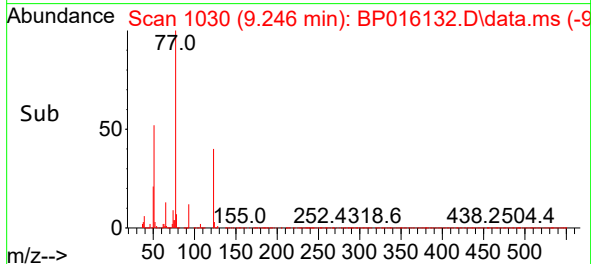
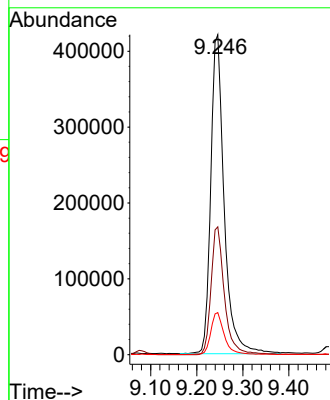
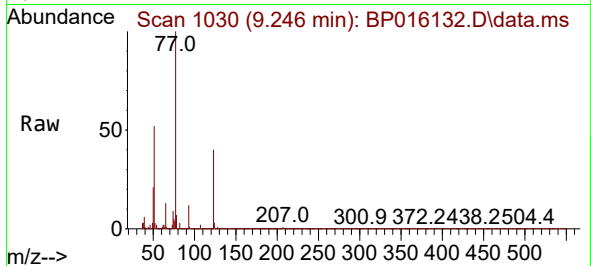




#22
Nitrobenzene
Concen: 33.601 ng/ul
RT: 9.246 min Scan# 1119
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

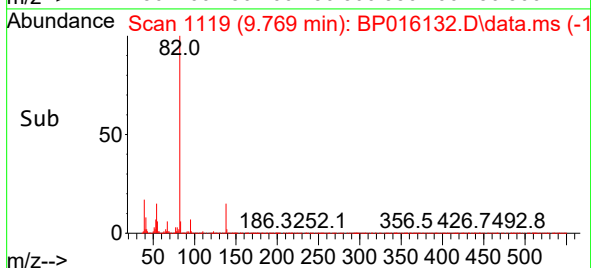
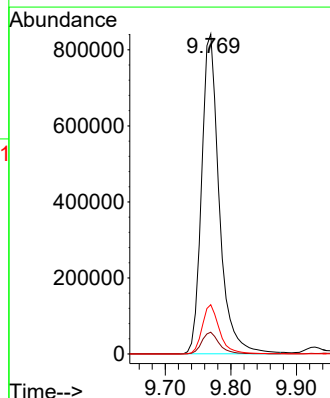
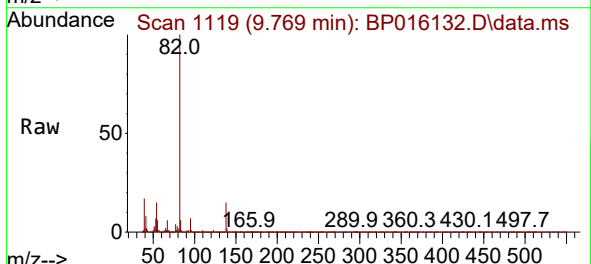
Instrument :
BNA_P
ClientSampleId :

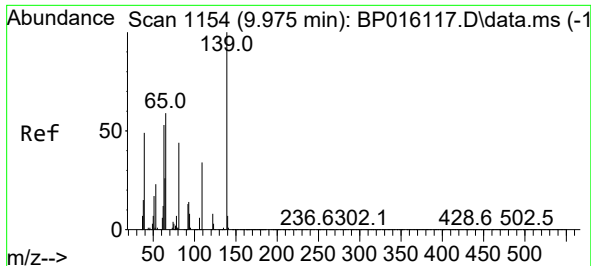
Tgt Ion: 77 Resp: 854819
Ion Ratio Lower Upper
77 100
123 40.0 31.0 46.4
65 13.2 11.3 16.9



#23
Isophorone
Concen: 32.371 ng/ul
RT: 9.769 min Scan# 1119
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion: 82 Resp: 1575921
Ion Ratio Lower Upper
82 100
95 6.8 6.3 9.5
138 15.4 12.3 18.5

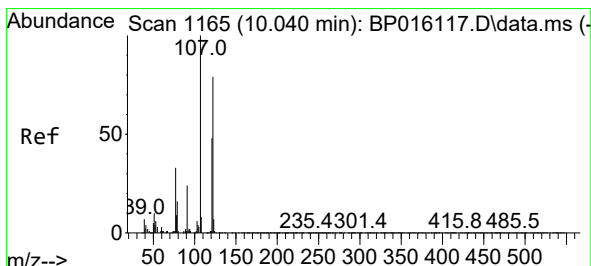
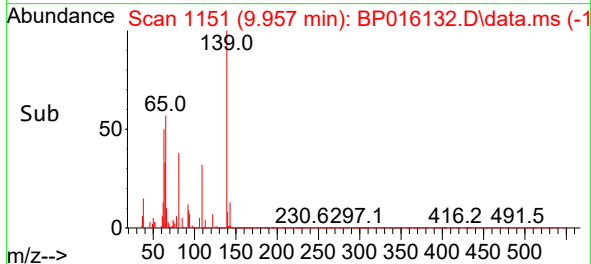
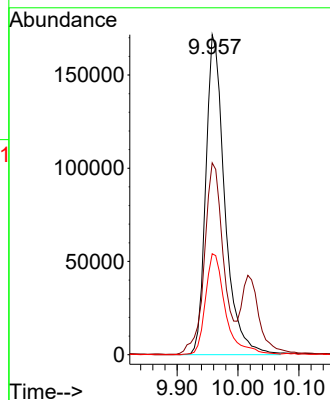
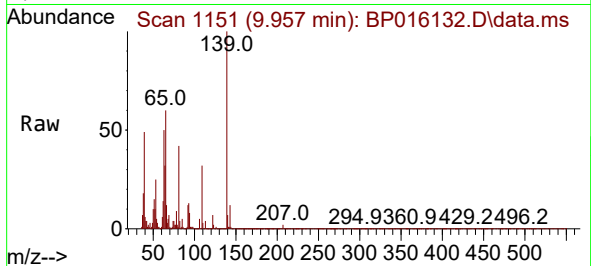




#25
2-Nitrophenol
Concen: 33.075 ng/ul
RT: 9.957 min Scan# 1154
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

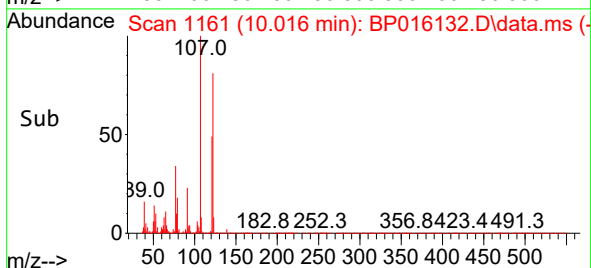
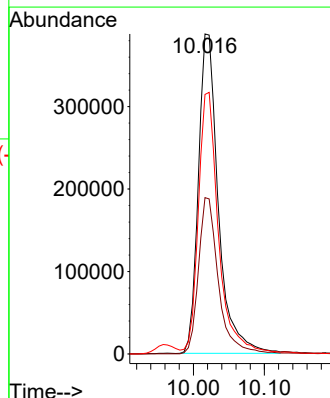
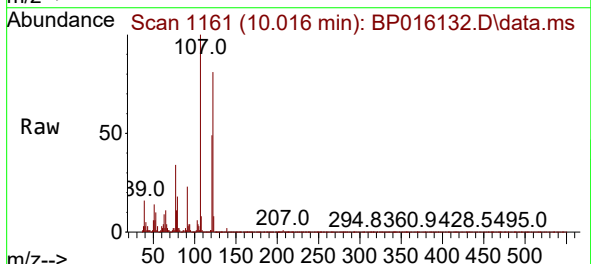
Instrument :
BNA_P
ClientSampleId :

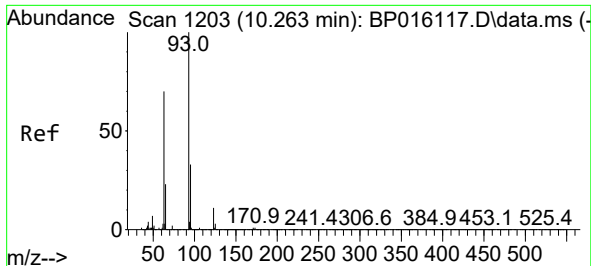
Tgt Ion:139 Resp: 371140
Ion Ratio Lower Upper
139 100
65 59.9 50.2 75.2
109 31.6 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 30.804 ng/ul
RT: 10.016 min Scan# 1161
Delta R.T. -0.024 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:107 Resp: 759852
Ion Ratio Lower Upper
107 100
121 48.9 38.2 57.2
122 81.1 62.1 93.1





#27

Bis(2-Chloroethoxy)methane

Concen: 34.762 ng/ul

RT: 10.240 min Scan# 1199

Delta R.T. -0.023 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

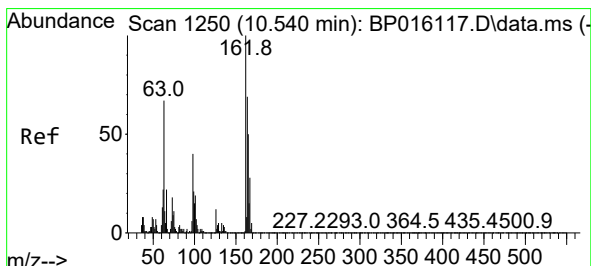
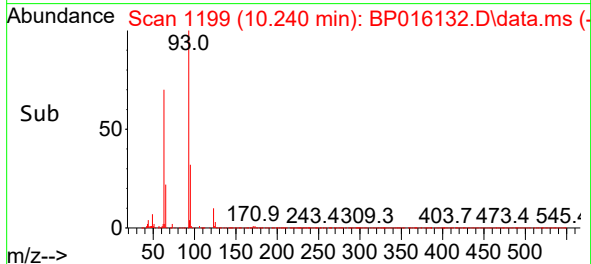
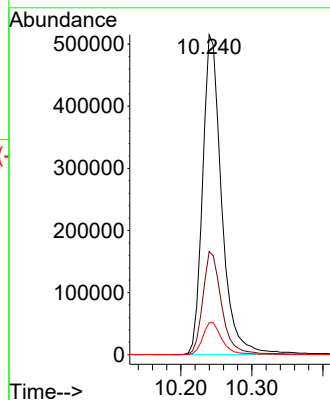
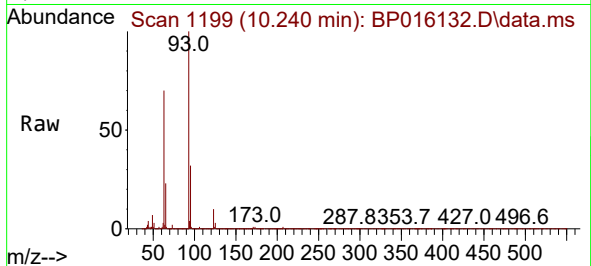
Tgt Ion: 93 Resp: 955334

Ion Ratio Lower Upper

93 100

95 32.3 26.6 39.8

123 10.0 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 31.912 ng/ul

RT: 10.510 min Scan# 1245

Delta R.T. -0.024 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

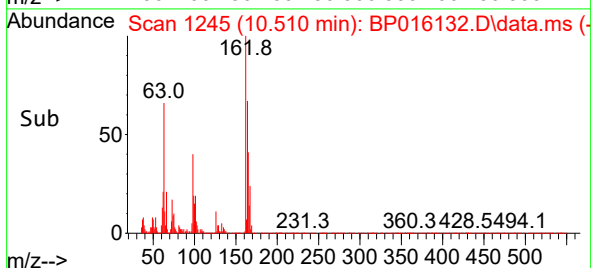
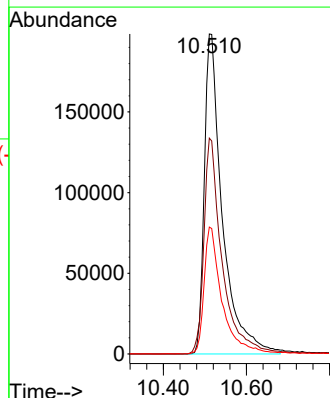
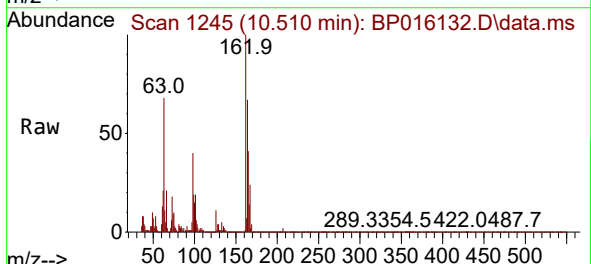
Tgt Ion:162 Resp: 597767

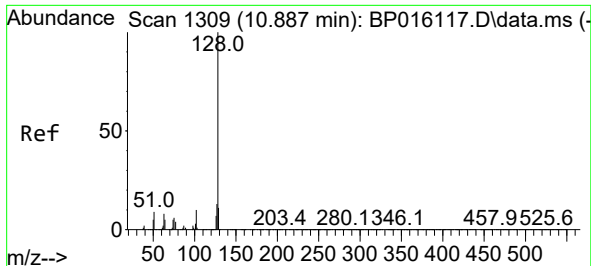
Ion Ratio Lower Upper

162 100

164 67.5 53.0 79.6

98 39.6 31.3 46.9

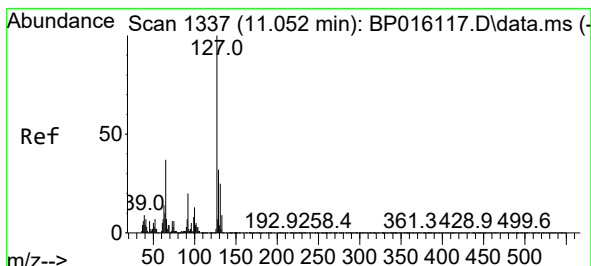
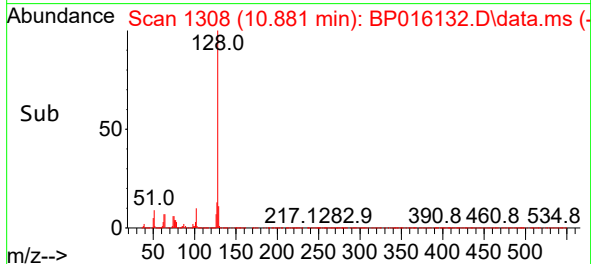
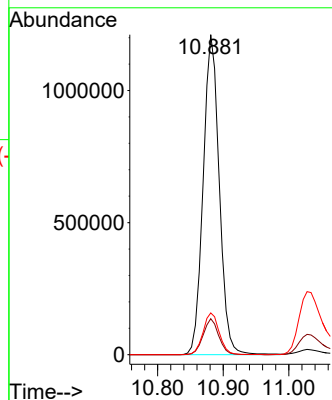
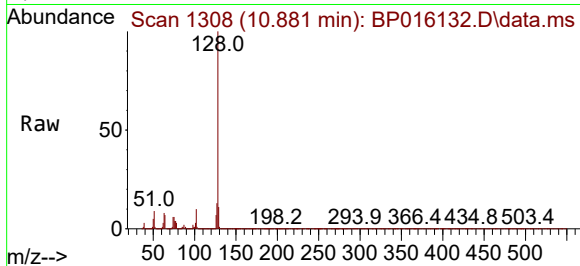




#30
Naphthalene
Concen: 32.109 ng/ul
RT: 10.881 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

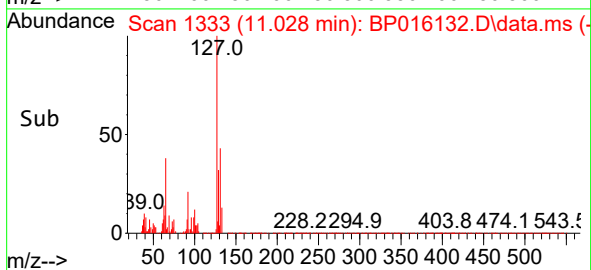
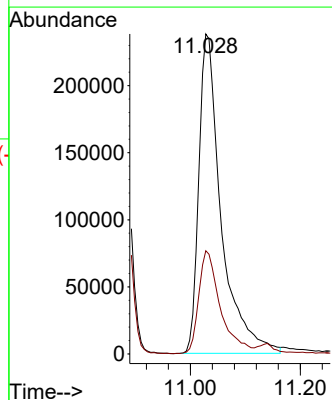
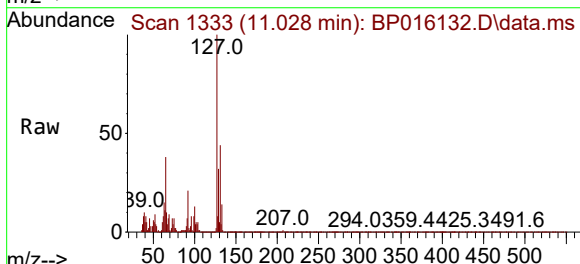
Instrument :
BNA_P
ClientSampleId :

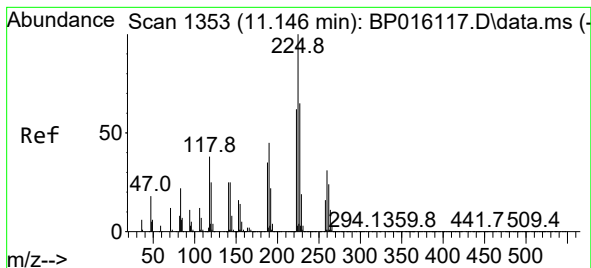
Tgt Ion:128 Resp: 2069086
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 26.720 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:127 Resp: 671921
Ion Ratio Lower Upper
127 100
129 32.3 24.7 37.1





#33

Hexachlorobutadiene

Concen: 27.462 ng/ul

RT: 11.140 min Scan# 11

Delta R.T. -0.024 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

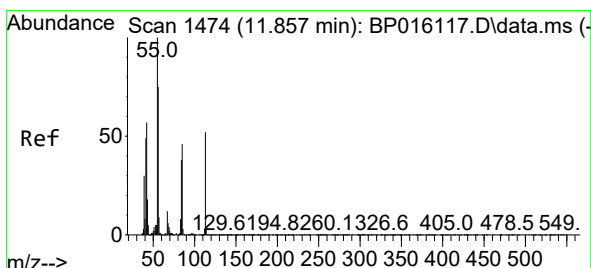
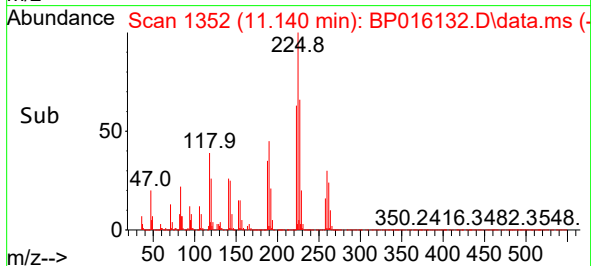
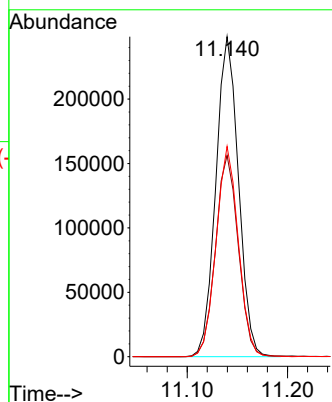
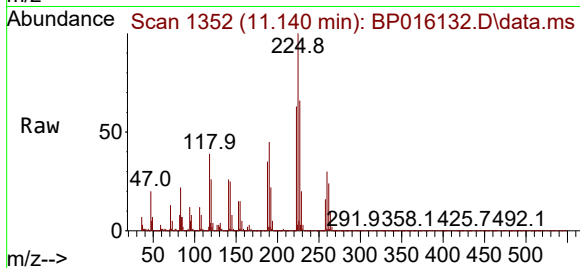
Tgt Ion:225 Resp: 388471

Ion Ratio Lower Upper

225 100

223 62.9 50.4 75.6

227 65.7 51.0 76.4



#34

Caprolactam

Concen: 31.265 ng/ul

RT: 11.846 min Scan# 1472

Delta R.T. -0.029 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

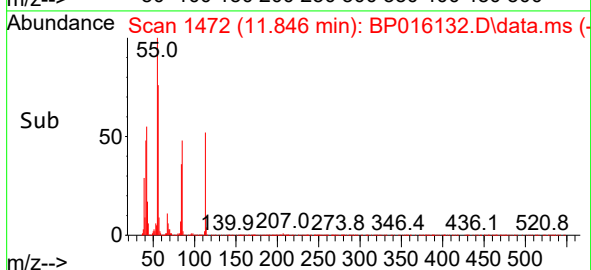
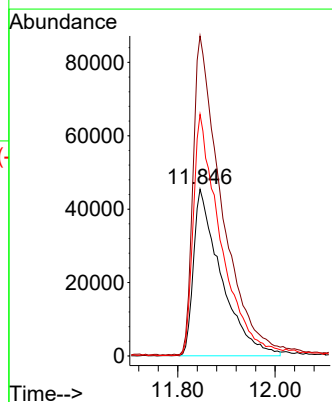
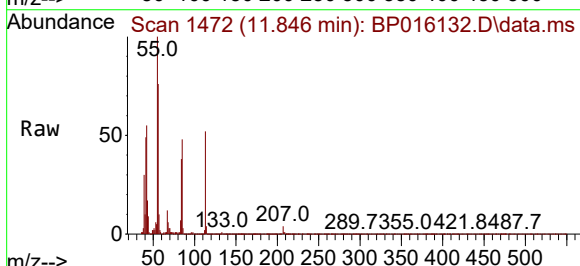
Tgt Ion:113 Resp: 179141

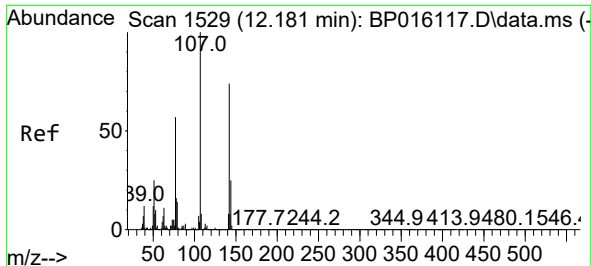
Ion Ratio Lower Upper

113 100

55 192.0 142.8 214.2

56 145.0 116.9 175.3

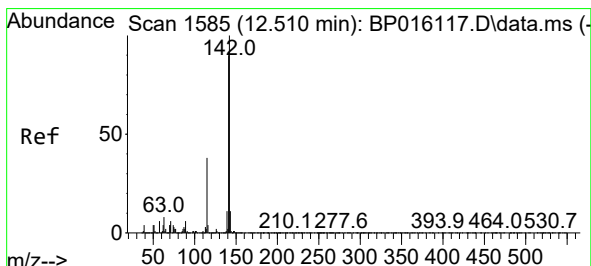
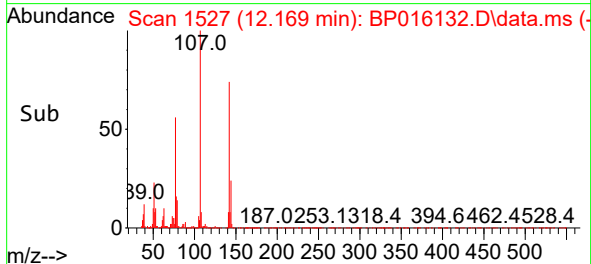
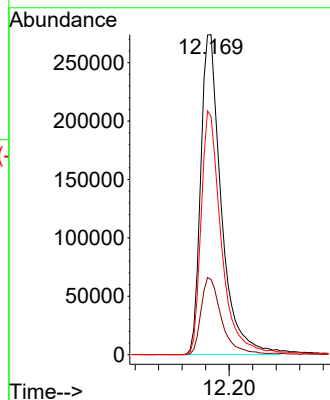
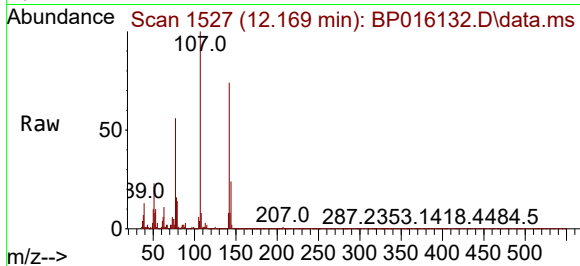




#35
4-Chloro-3-methylphenol
Concen: 30.364 ng/ul
RT: 12.169 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

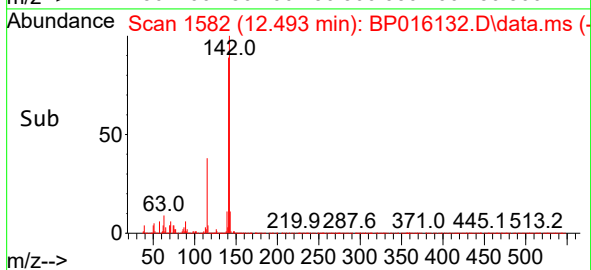
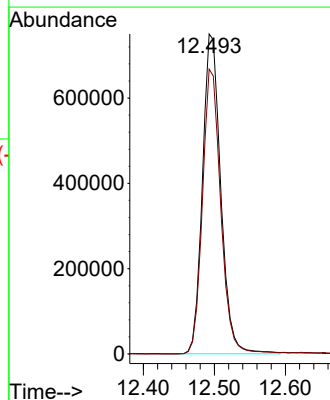
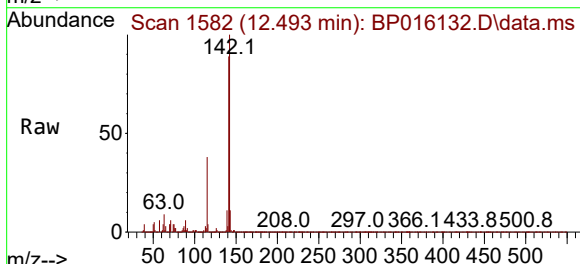
Instrument :
BNA_P
ClientSampleId :

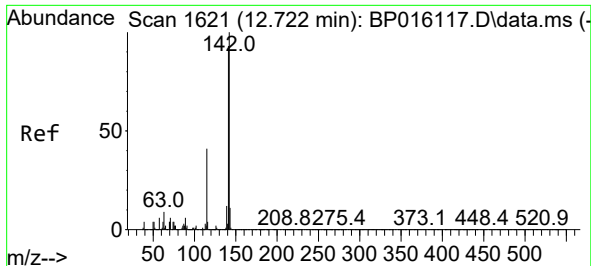
Tgt Ion:107 Resp: 665758
Ion Ratio Lower Upper
107 100
144 23.5 18.4 27.6
142 74.4 58.6 87.8



#36
2-Methylnaphthalene
Concen: 31.701 ng/ul
RT: 12.493 min Scan# 1582
Delta R.T. -0.024 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:142 Resp: 1344782
Ion Ratio Lower Upper
142 100
141 89.0 73.2 109.8





#37

1-Methylnaphthalene

Concen: 30.833 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

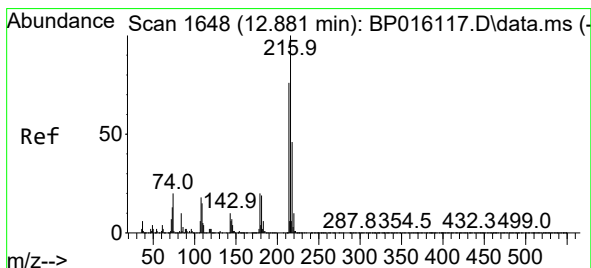
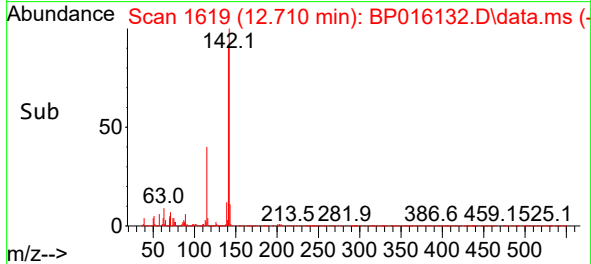
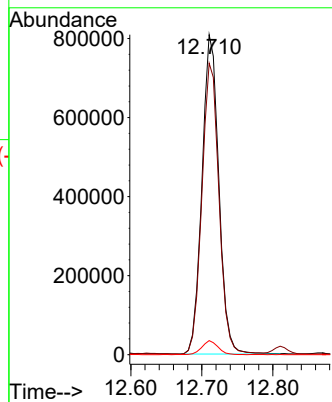
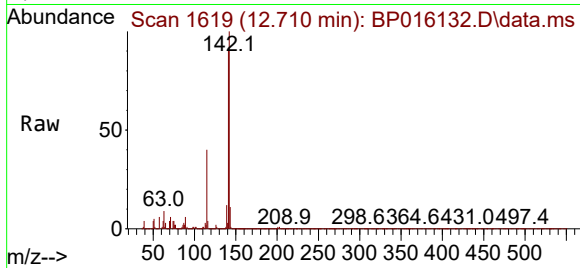
Tgt Ion:142 Resp: 1334301

Ion Ratio Lower Upper

142 100

141 91.1 73.1 109.7

116 4.4 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.616 ng/ul

RT: 12.863 min Scan# 1645

Delta R.T. -0.024 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Tgt Ion:216 Resp: 704990

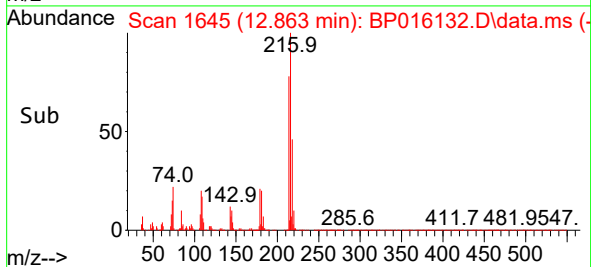
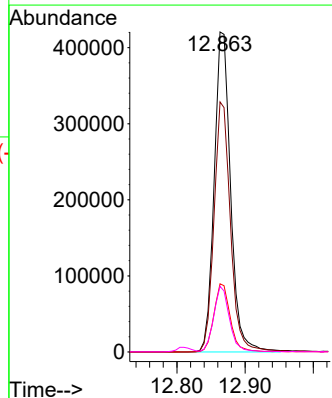
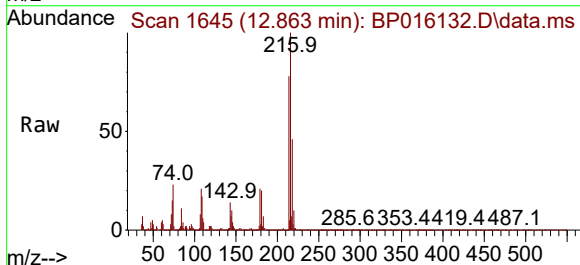
Ion Ratio Lower Upper

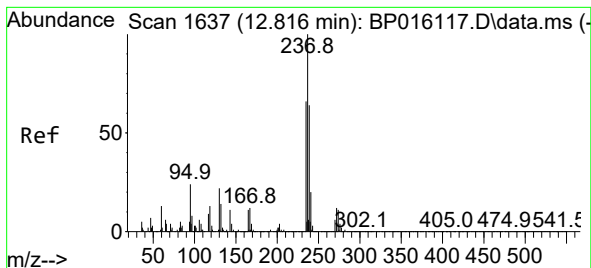
216 100

214 78.1 62.4 93.6

179 21.3 17.6 26.4

108 20.5 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 31.128 ng/ul

RT: 12.810 min Scan# 1636

Delta R.T. -0.024 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

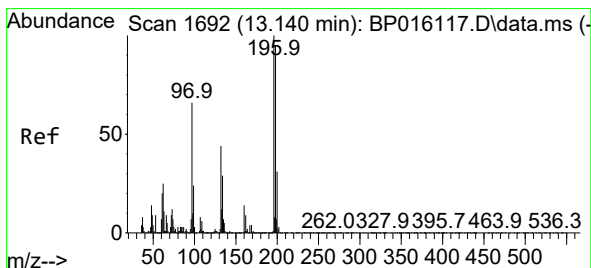
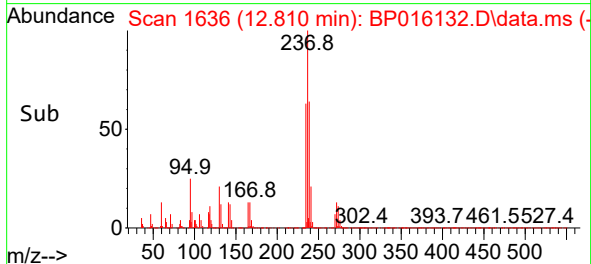
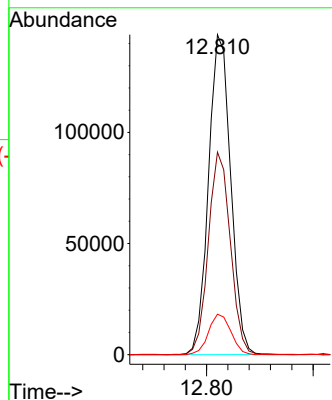
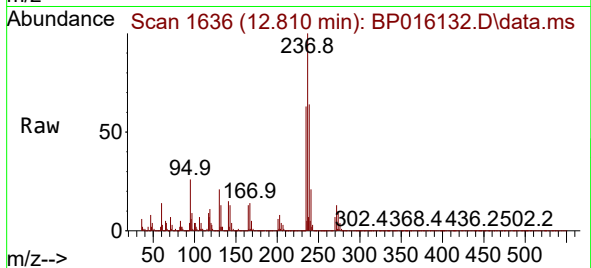
Tgt Ion:237 Resp: 207652

Ion Ratio Lower Upper

237 100

235 63.3 48.6 73.0

272 13.4 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 31.225 ng/ul

RT: 13.122 min Scan# 1689

Delta R.T. -0.018 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

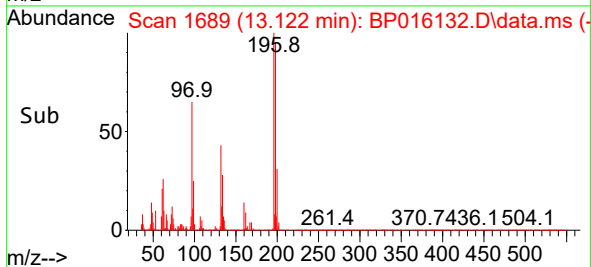
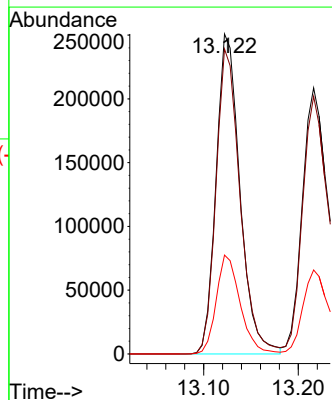
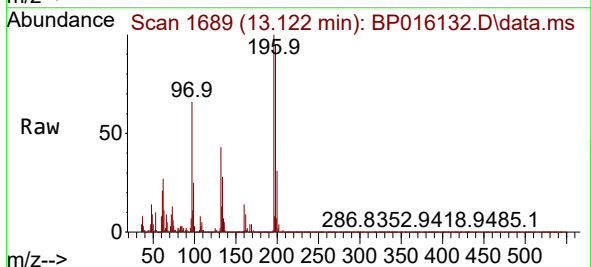
Tgt Ion:196 Resp: 440023

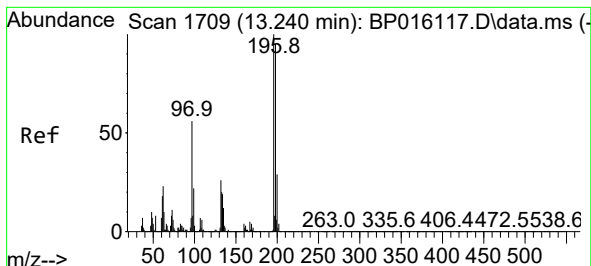
Ion Ratio Lower Upper

196 100

198 95.3 75.4 113.2

200 30.9 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 31.825 ng/ul

RT: 13.216 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

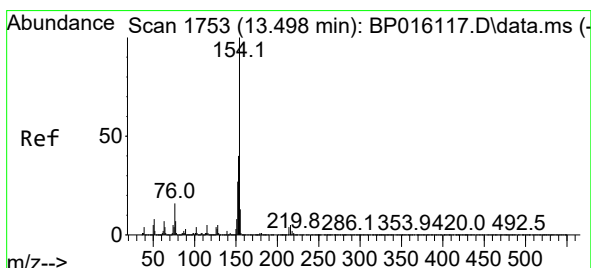
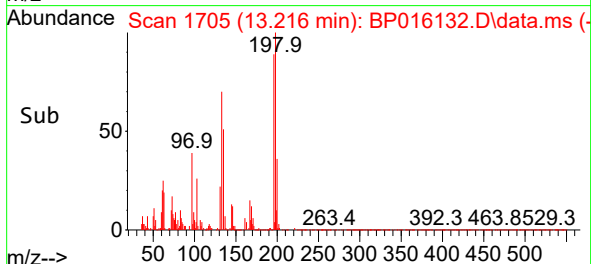
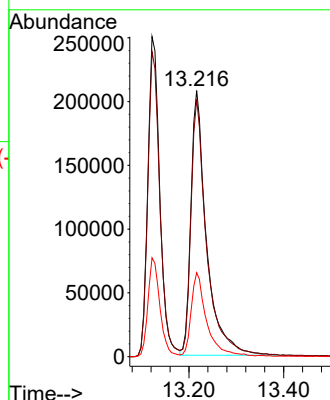
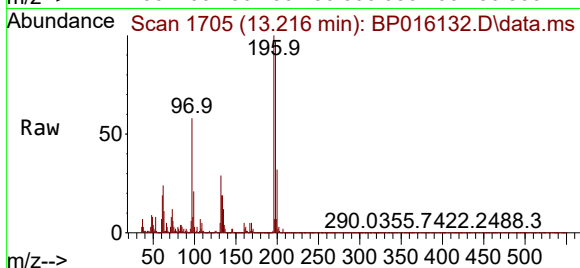
Tgt Ion:196 Resp: 475690

Ion Ratio Lower Upper

196 100

198 96.8 74.9 112.3

200 31.6 24.3 36.5



#43

1,1'-Biphenyl

Concen: 33.118 ng/ul

RT: 13.493 min Scan# 1752

Delta R.T. -0.024 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

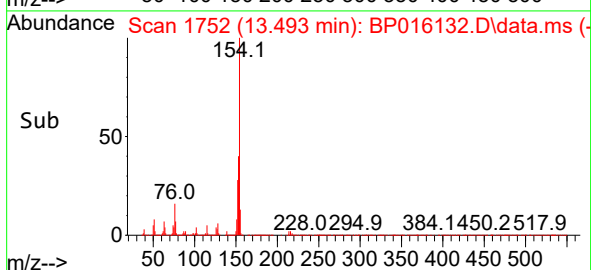
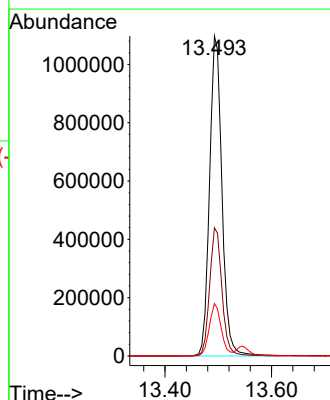
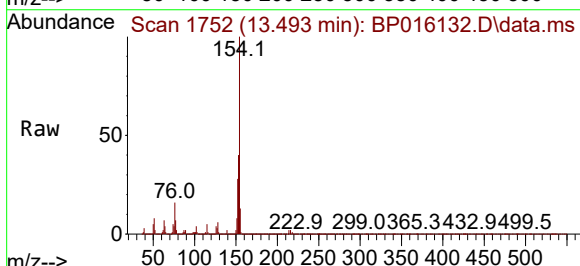
Tgt Ion:154 Resp: 1774998

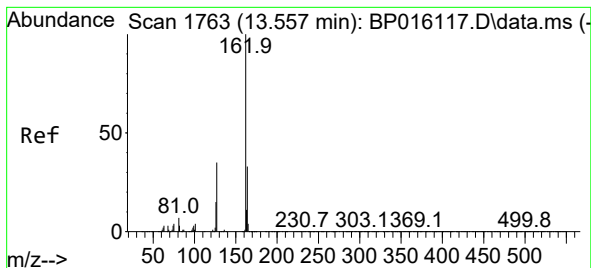
Ion Ratio Lower Upper

154 100

153 40.0 32.8 49.2

76 16.4 10.7 16.1#





#44

2-Chloronaphthalene

Concen: 32.818 ng/ul

RT: 13.546 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

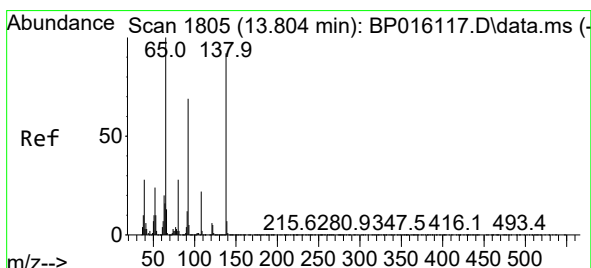
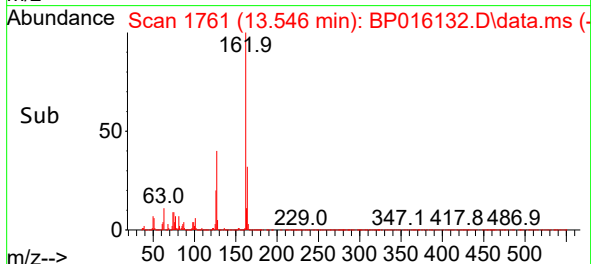
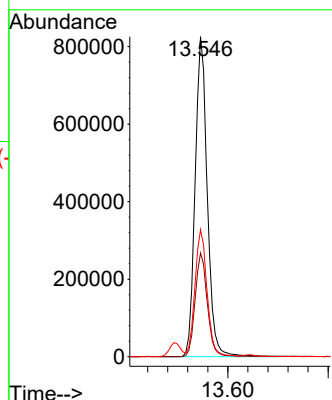
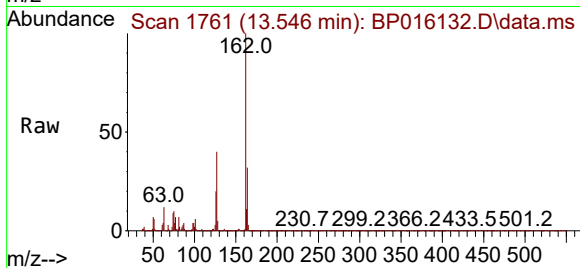
Tgt Ion:162 Resp: 1385616

Ion Ratio Lower Upper

162 100

164 32.4 26.1 39.1

127 39.7 33.4 50.0



#45

2-Nitroaniline

Concen: 33.903 ng/ul

RT: 13.787 min Scan# 1802

Delta R.T. -0.012 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

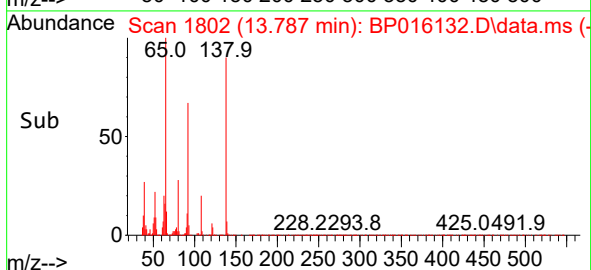
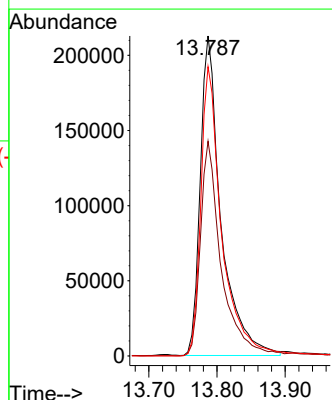
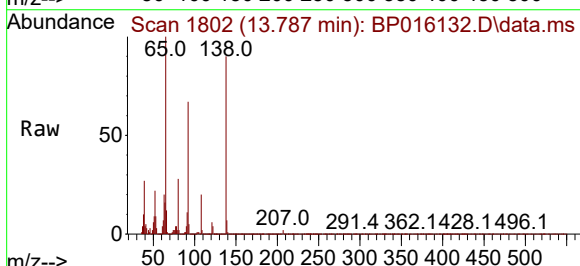
Tgt Ion: 65 Resp: 450405

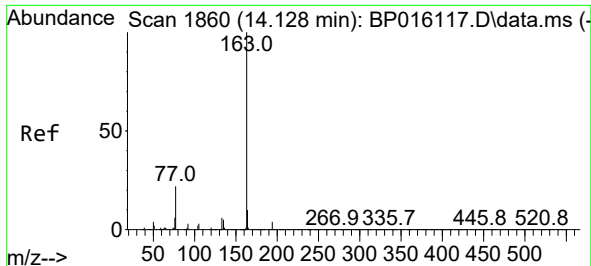
Ion Ratio Lower Upper

65 100

92 67.1 49.5 74.3

138 90.4 71.4 107.2

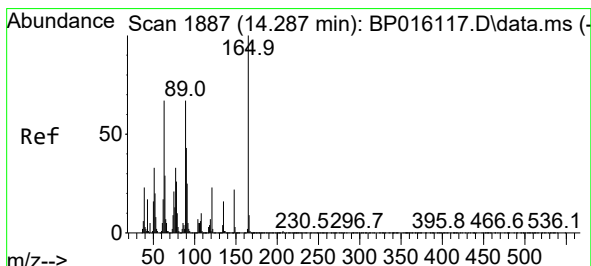
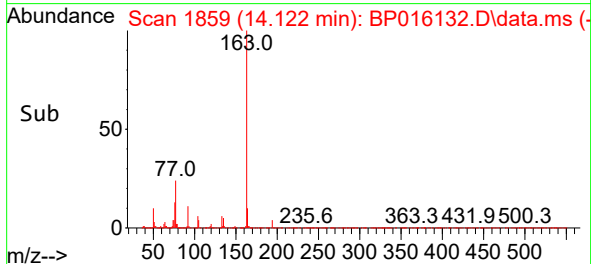
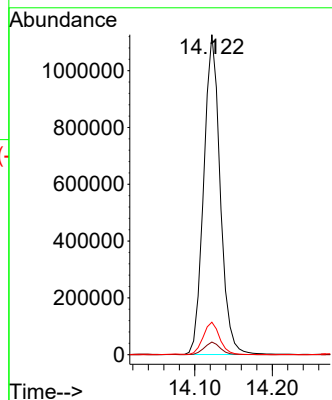
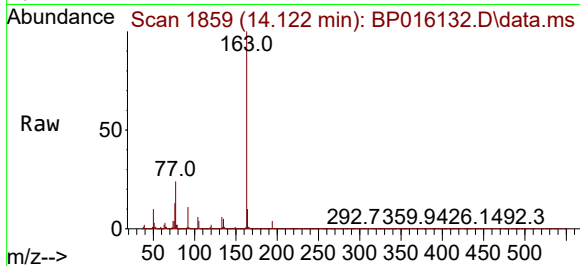




#47
Dimethylphthalate
Concen: 30.683 ng/ul
RT: 14.122 min Scan# 1859
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

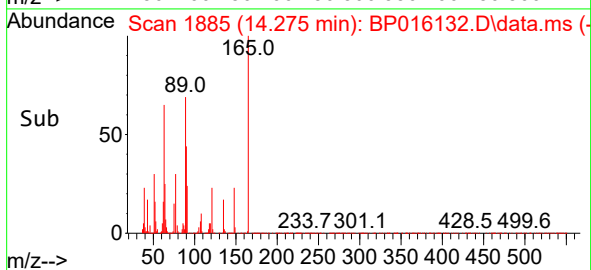
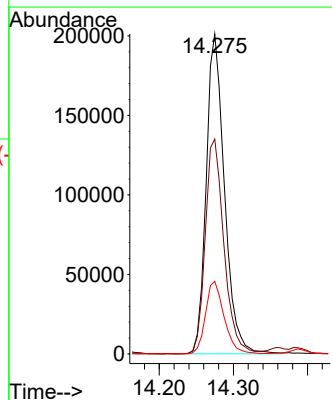
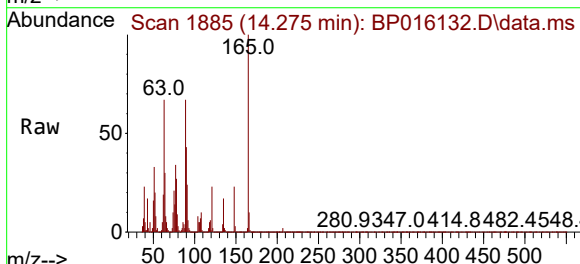
Instrument :
BNA_P
ClientSampleId :

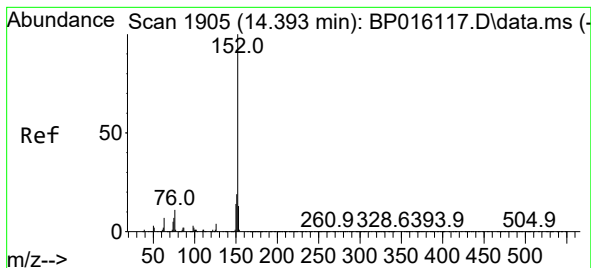
Tgt Ion:163 Resp: 1660767
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 31.352 ng/ul
RT: 14.275 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:165 Resp: 344227
Ion Ratio Lower Upper
165 100
89 67.2 54.1 81.1
121 22.7 18.2 27.2





#50

Acenaphthylene

Concen: 32.533 ng/ul

RT: 14.387 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

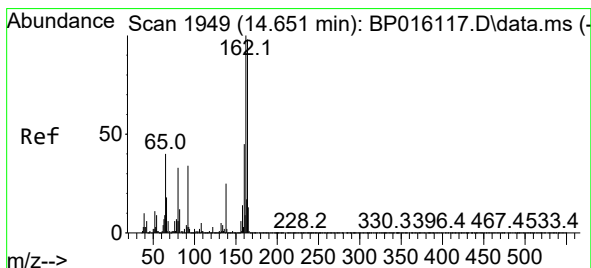
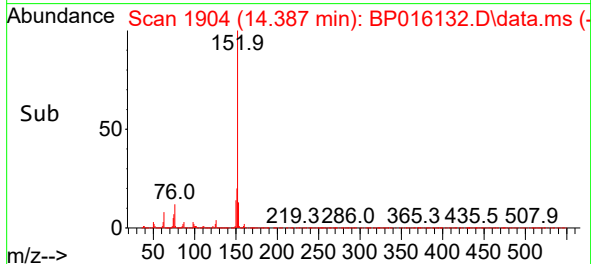
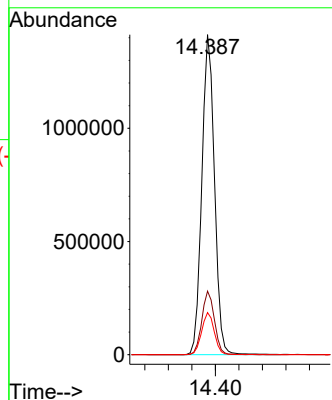
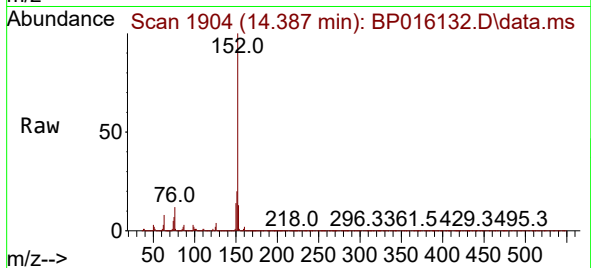
Tgt Ion:152 Resp: 2107540

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.1 10.5 15.7



#51

3-Nitroaniline

Concen: 36.989 ng/ul

RT: 14.628 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

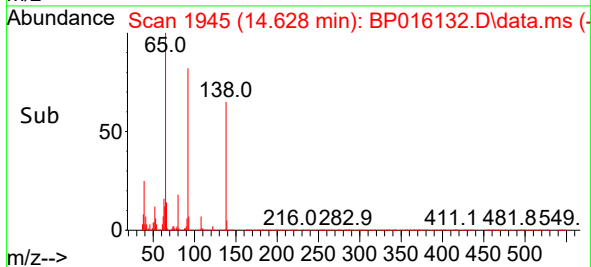
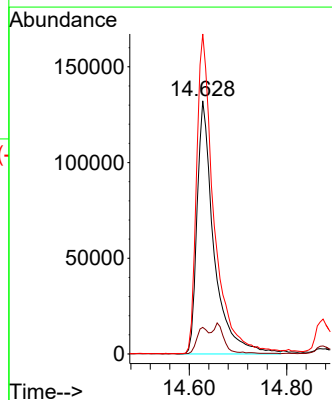
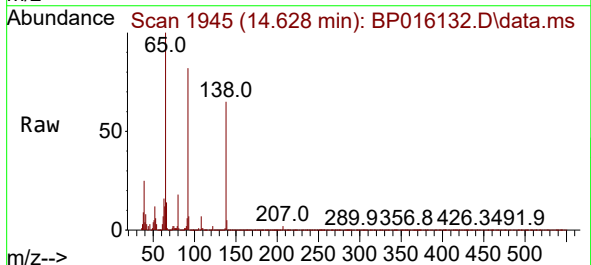
Tgt Ion:138 Resp: 318467

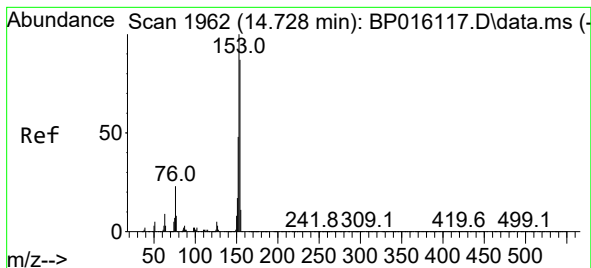
Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

92 126.4 96.8 145.2





#52

Acenaphthene

Concen: 32.468 ng/ul

RT: 14.728 min Scan# 1962

Delta R.T. -0.012 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

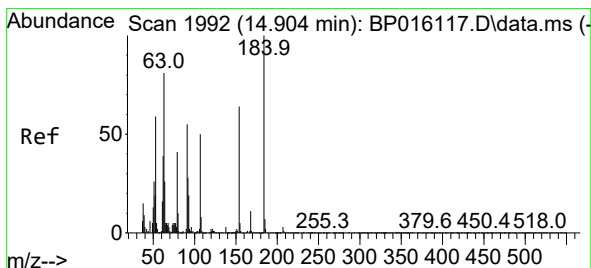
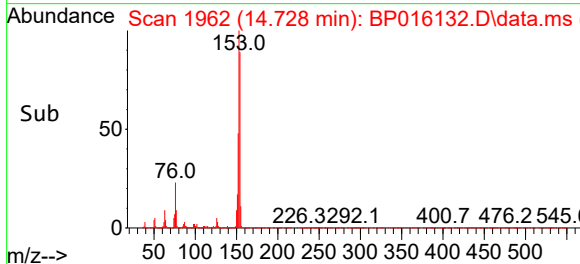
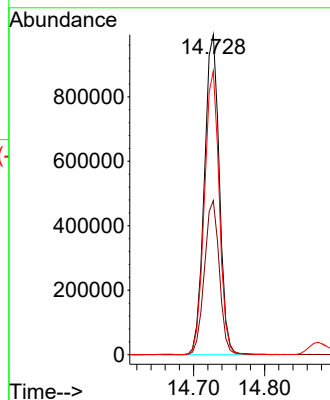
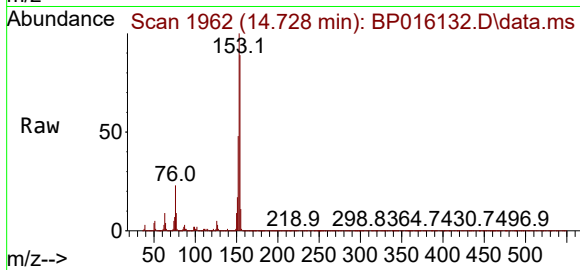
Tgt Ion:153 Resp: 1458522

Ion Ratio Lower Upper

153 100

152 48.1 39.4 59.2

154 88.6 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 24.972 ng/ul

RT: 14.875 min Scan# 1987

Delta R.T. -0.006 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

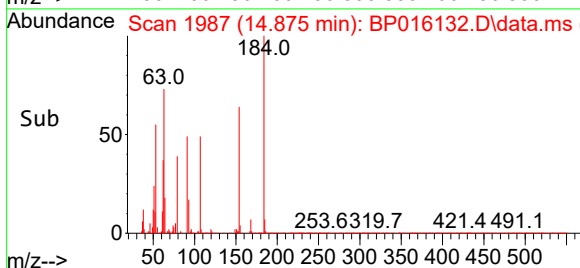
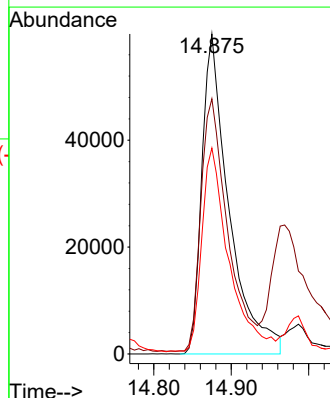
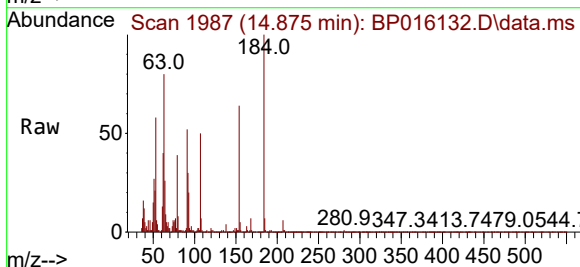
Tgt Ion:184 Resp: 145465

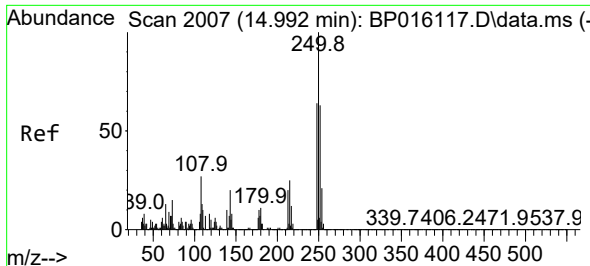
Ion Ratio Lower Upper

184 100

63 79.7 71.4 107.0

154 64.4 61.1 91.7

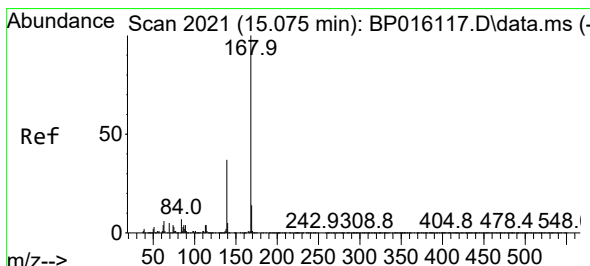
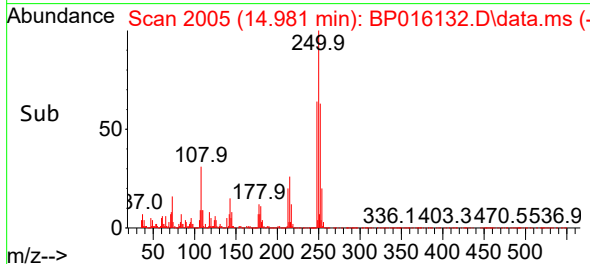
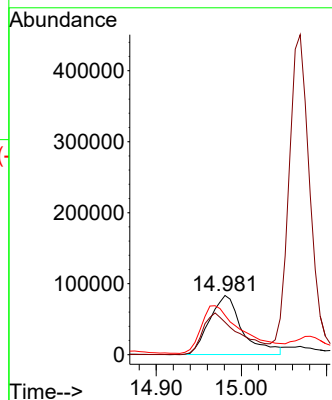
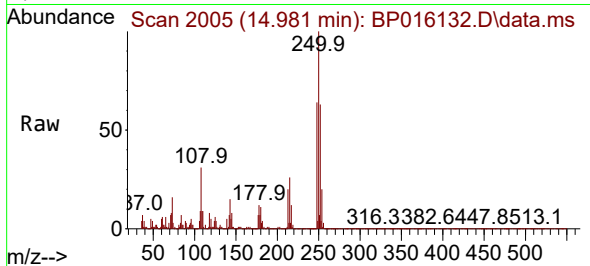




#55
4-Nitrophenol
Concen: 31.450 ng/ul
RT: 14.981 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

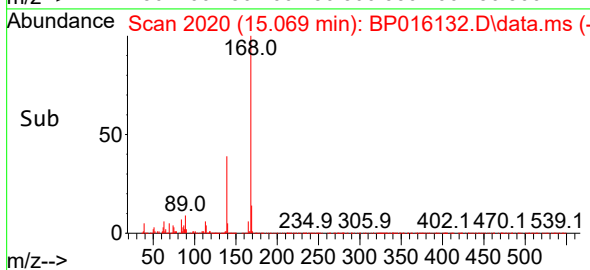
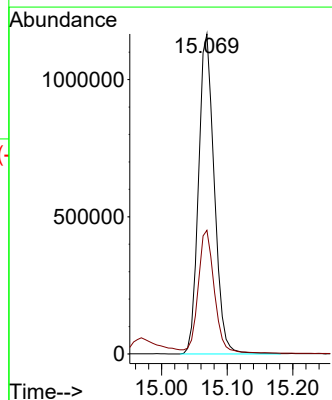
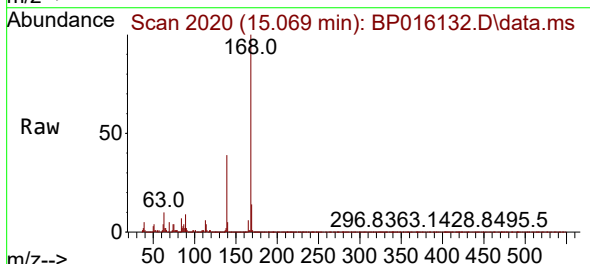
Instrument :
BNA_P
ClientSampleId :

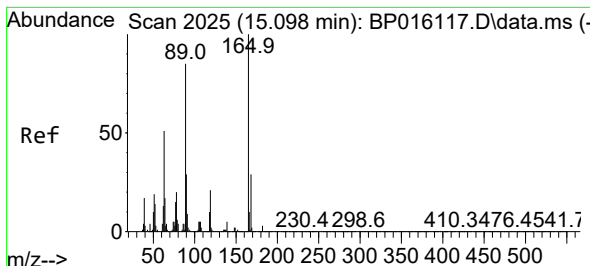
Tgt Ion:109 Resp: 224941
Ion Ratio Lower Upper
109 100
139 54.8 81.3 121.9#
65 66.5 99.9 149.9#



#56
Dibenzofuran
Concen: 31.220 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:168 Resp: 1946893
Ion Ratio Lower Upper
168 100
139 38.6 32.2 48.4





#57

2,4-Dinitrotoluene

Concen: 30.937 ng/ul

RT: 15.087 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

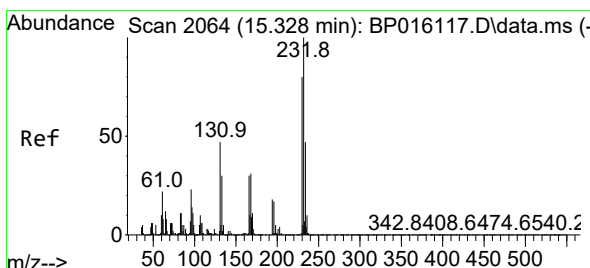
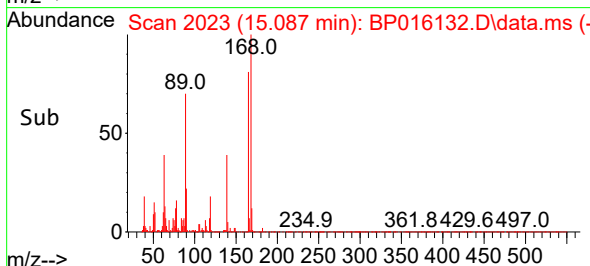
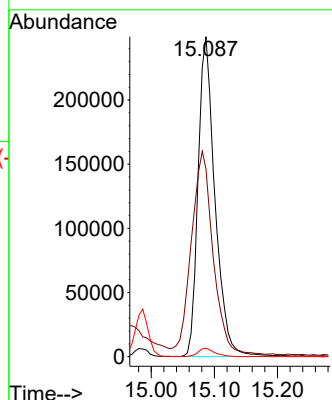
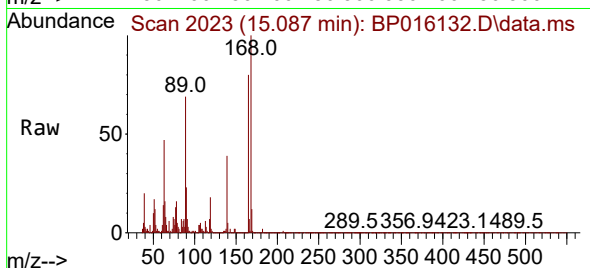
Tgt Ion:165 Resp: 462870

Ion Ratio Lower Upper

165 100

63 58.7 56.8 85.2

182 2.7 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.845 ng/ul

RT: 15.316 min Scan# 2062

Delta R.T. -0.012 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Tgt Ion:232 Resp: 370339

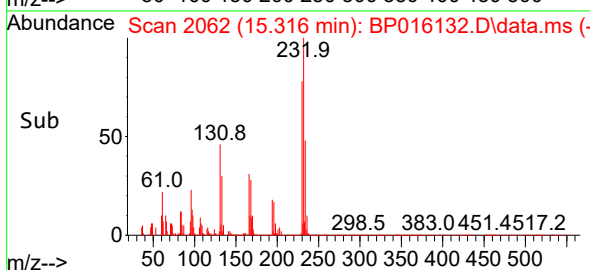
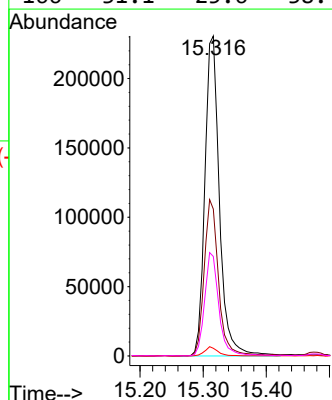
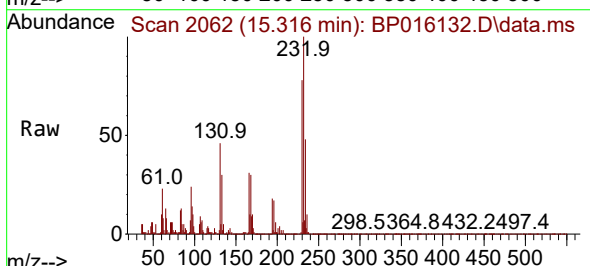
Ion Ratio Lower Upper

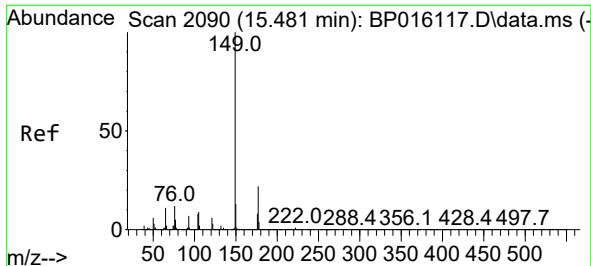
232 100

131 45.9 38.2 57.2

130 2.4 2.2 3.2

166 31.1 25.6 38.4

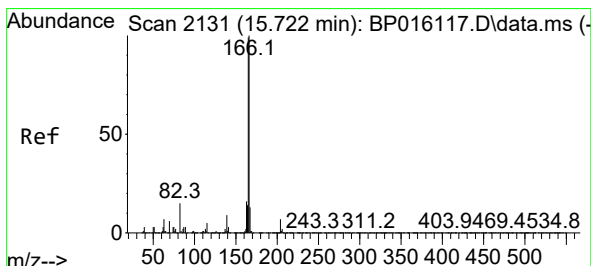
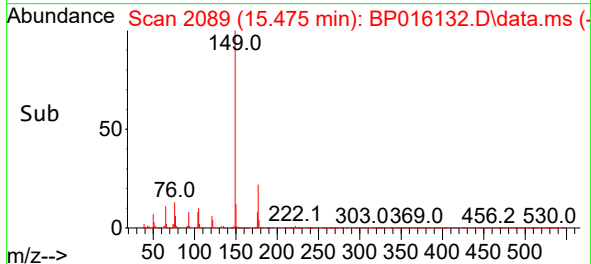
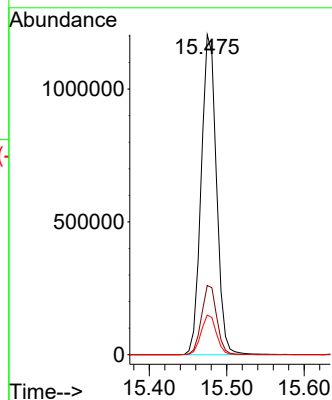
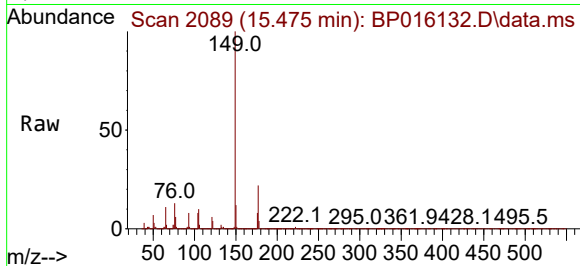




#59
Diethylphthalate
Concen: 30.062 ng/ul
RT: 15.475 min Scan# 2090
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

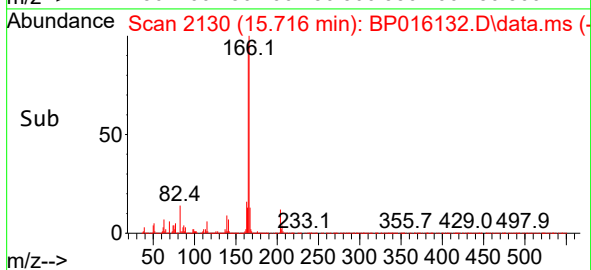
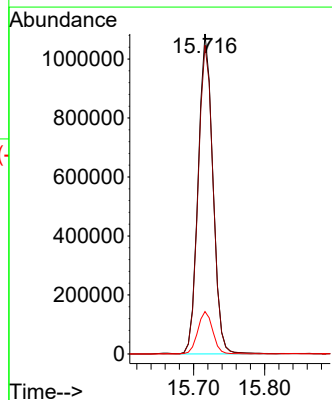
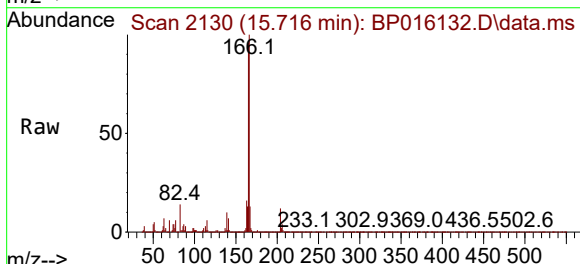
Instrument :
BNA_P
ClientSampleId :

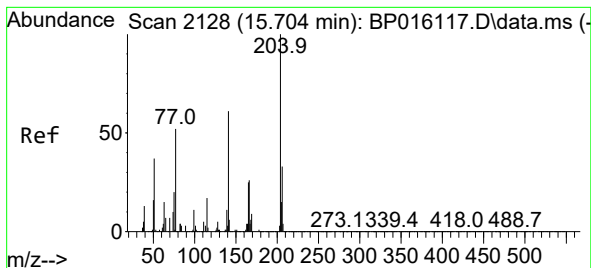
Tgt Ion:149 Resp: 1646602
Ion Ratio Lower Upper
149 100
177 21.6 16.8 25.2
150 12.4 10.3 15.5



#61
Fluorene
Concen: 30.905 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:166 Resp: 1563208
Ion Ratio Lower Upper
166 100
165 96.5 78.7 118.1
167 13.3 10.5 15.7

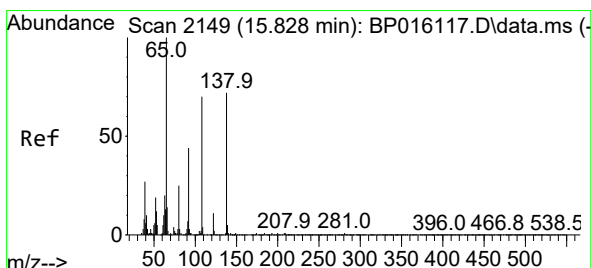
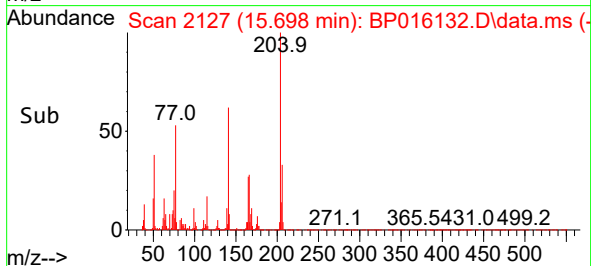
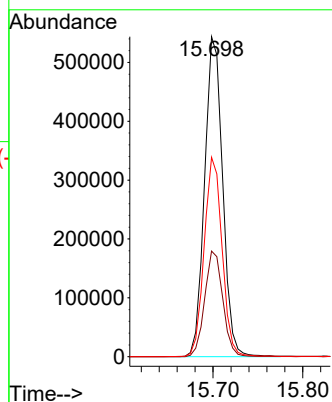
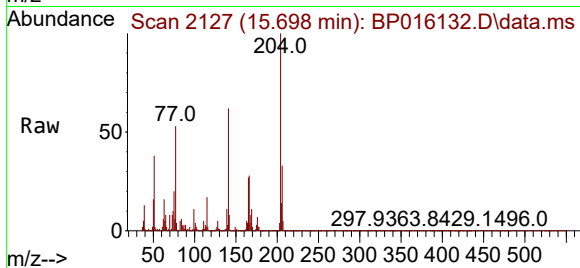




#62
4-Chlorophenyl-phenylether
Concen: 29.373 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

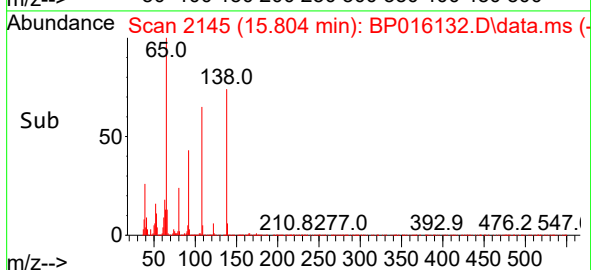
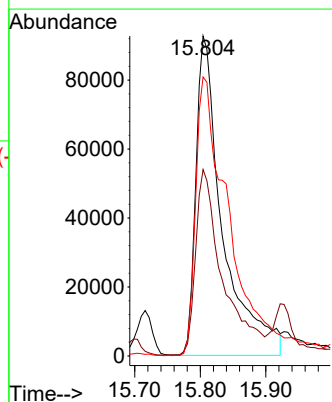
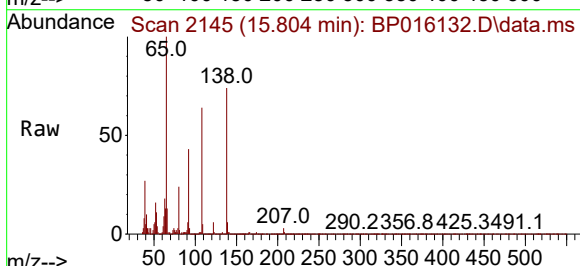
Instrument :
BNA_P
ClientSampleId :

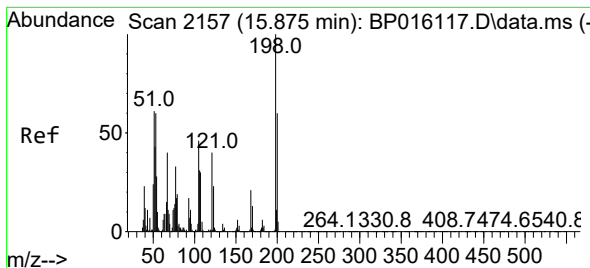
Tgt Ion:204 Resp: 760237
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 62.3 51.8 77.8



#63
4-Nitroaniline
Concen: 44.556 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:138 Resp: 262556
Ion Ratio Lower Upper
138 100
92 58.2 50.1 75.1
108 87.2 85.5 128.3

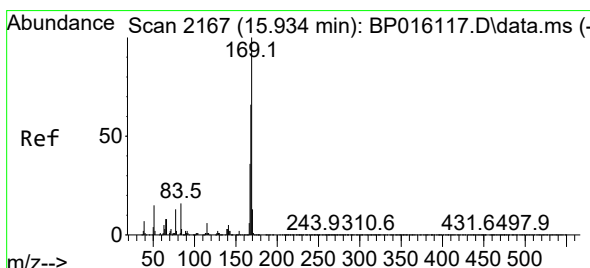
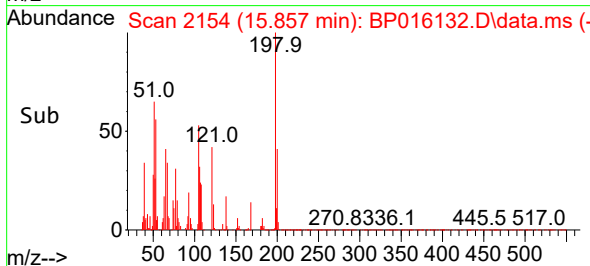
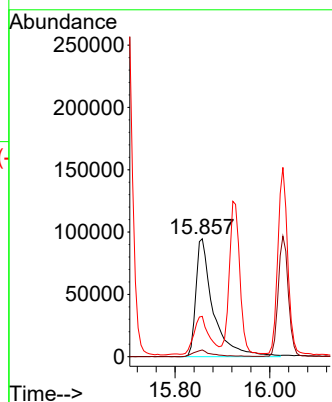
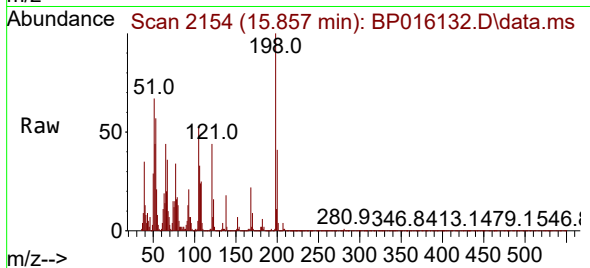




#66
4,6-Dinitro-2-methylphenol
Concen: 29.897 ng/ul
RT: 15.857 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

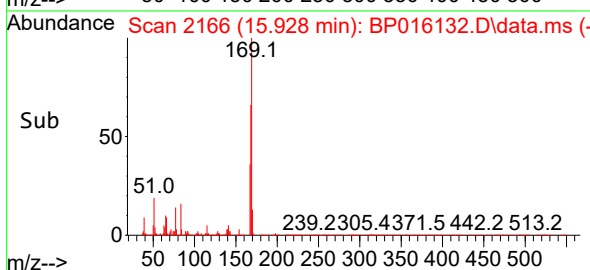
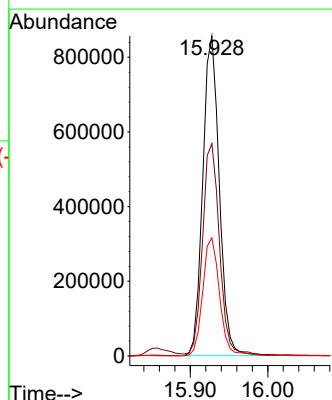
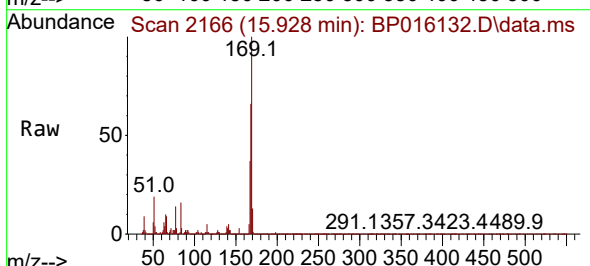
Instrument :
BNA_P
ClientSampleId :

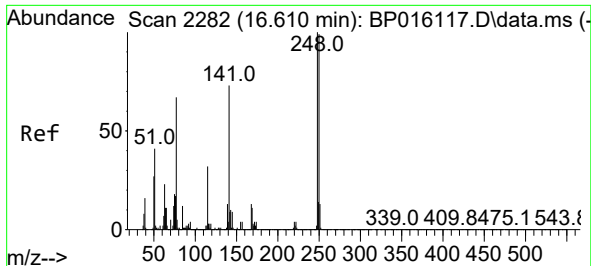
Tgt Ion:198 Resp: 239693
Ion Ratio Lower Upper
198 100
182 5.8 3.4 5.2#
77 34.3 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 32.971 ng/ul
RT: 15.928 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:169 Resp: 1271760
Ion Ratio Lower Upper
169 100
168 66.4 54.2 81.4
167 36.9 29.7 44.5

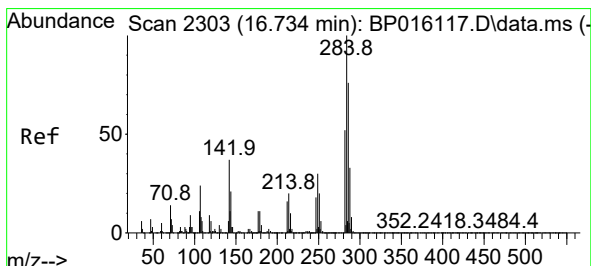
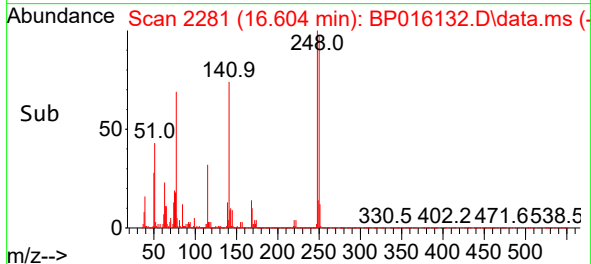
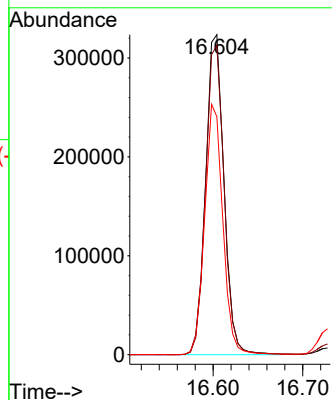
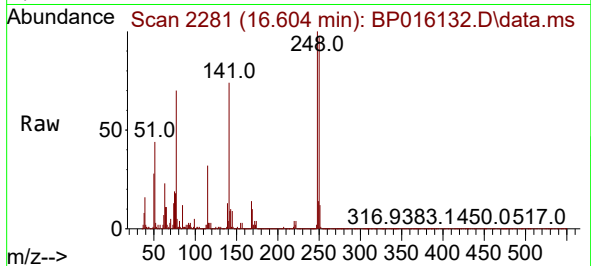




#68
4-Bromophenyl-phenylether
Concen: 31.378 ng/ul
RT: 16.604 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

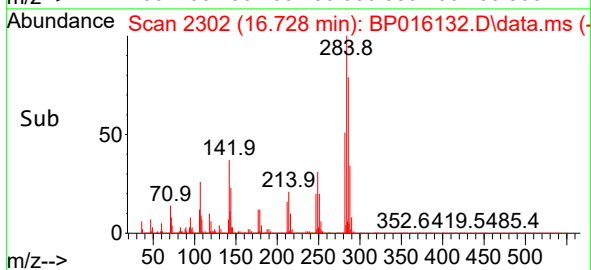
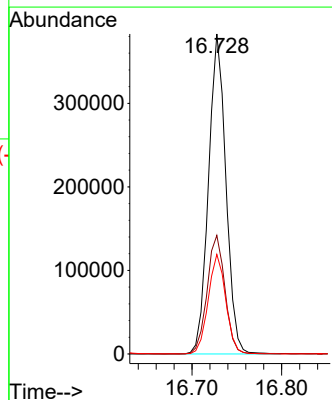
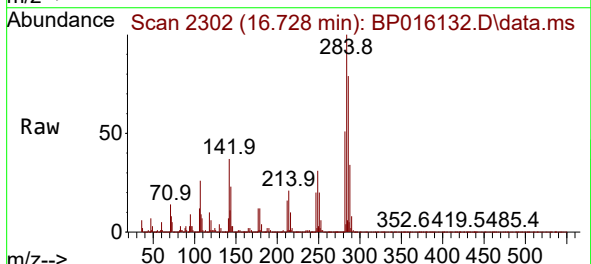
Instrument :
BNA_P
ClientSampleId :

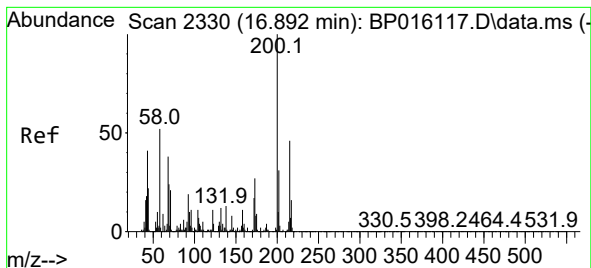
Tgt Ion:248 Resp: 461664
Ion Ratio Lower Upper
248 100
250 96.7 84.6 126.8
141 74.4 67.8 101.6



#69
Hexachlorobenzene
Concen: 29.693 ng/ul
RT: 16.728 min Scan# 2302
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:284 Resp: 515488
Ion Ratio Lower Upper
284 100
142 37.1 27.8 41.8
249 31.1 26.1 39.1





#70

Atrazine

Concen: 21.869 ng/ul

RT: 16.892 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

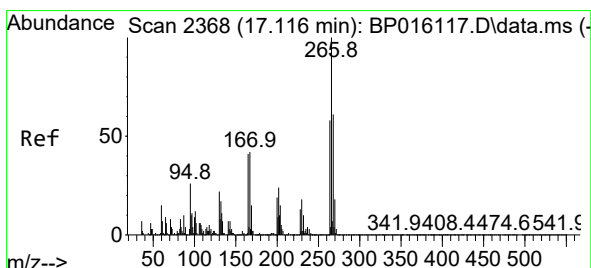
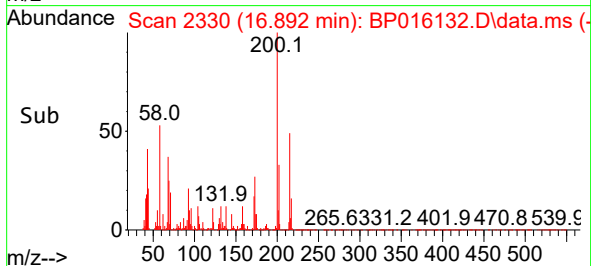
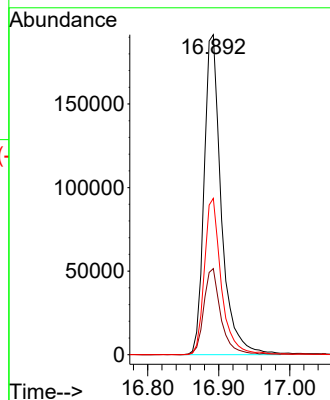
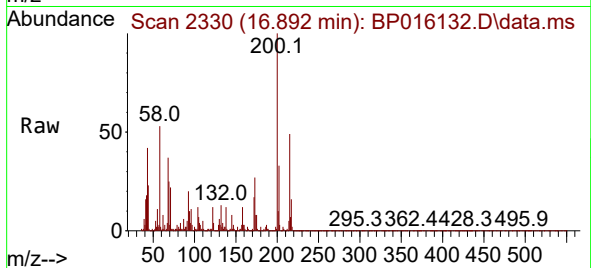
Tgt Ion:200 Resp: 322891

Ion Ratio Lower Upper

200 100

173 26.9 19.8 29.8

215 48.9 36.8 55.2



#71

Pentachlorophenol

Concen: 25.657 ng/ul

RT: 17.098 min Scan# 2365

Delta R.T. -0.018 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

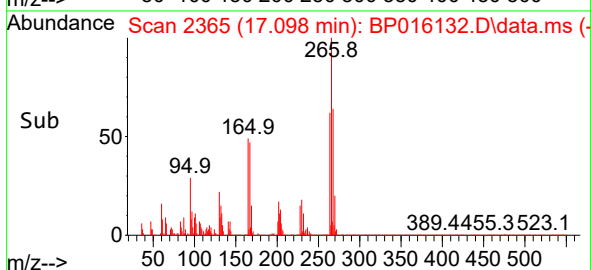
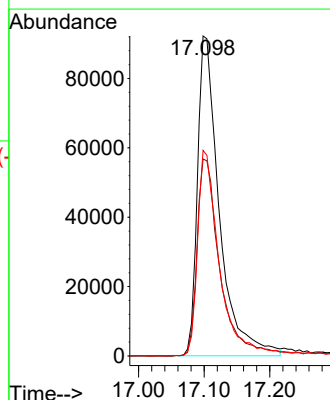
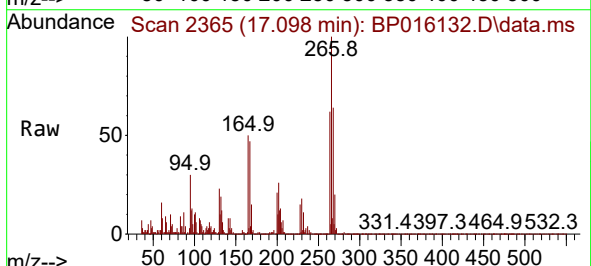
Tgt Ion:266 Resp: 213779

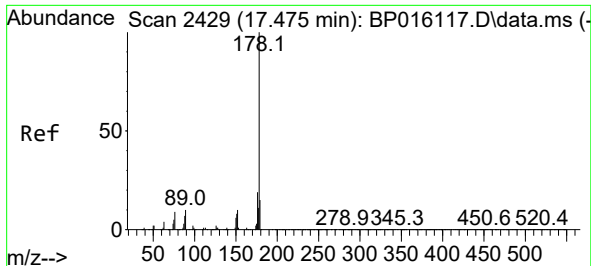
Ion Ratio Lower Upper

266 100

264 61.5 53.4 80.2

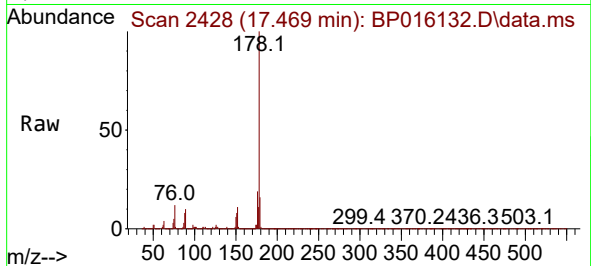
268 64.2 51.4 77.2



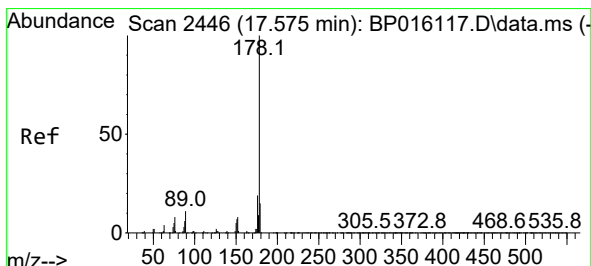
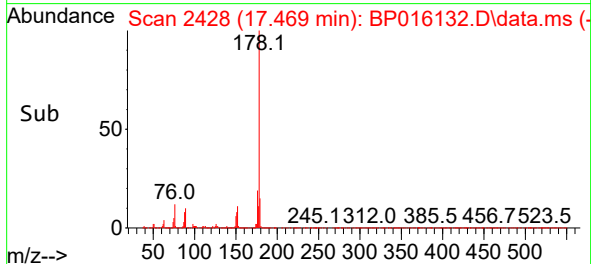
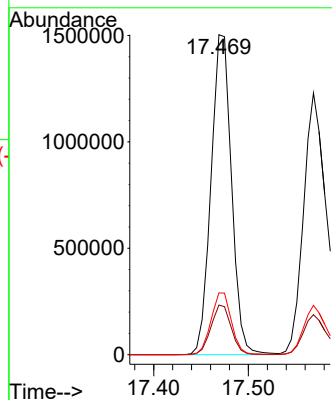


#72
Phenanthrene
Concen: 32.361 ng/ul
RT: 17.469 min Scan# 2428
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Instrument :
BNA_P
ClientSampleId :

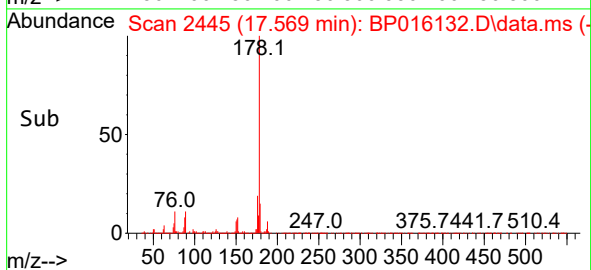
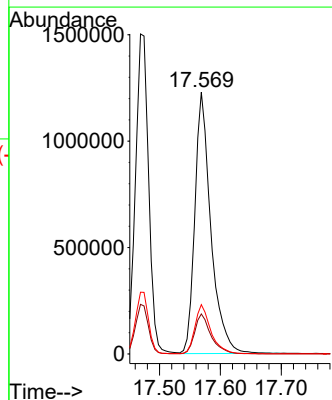
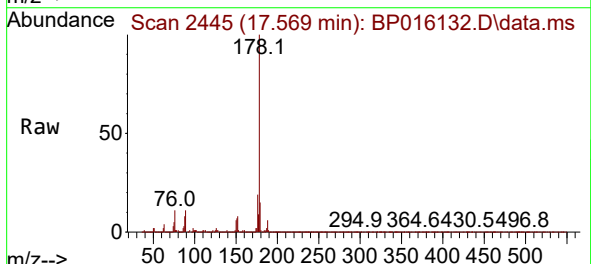


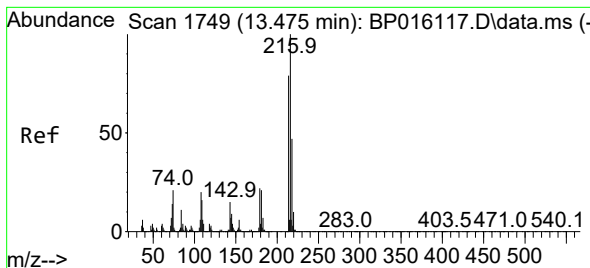
Tgt Ion:178 Resp: 2265145
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.3 15.6 23.4



#74
Anthracene
Concen: 31.902 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:178 Resp: 2243815
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.9 14.6 22.0

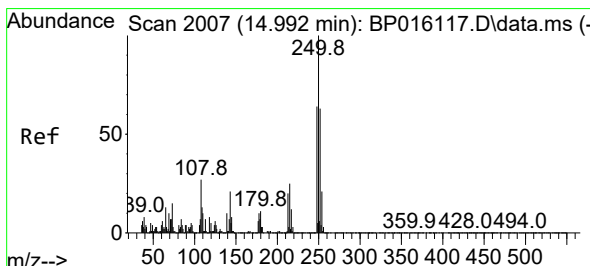
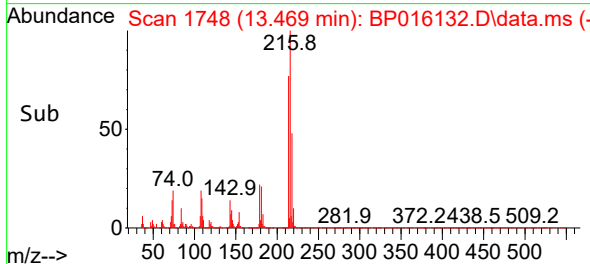
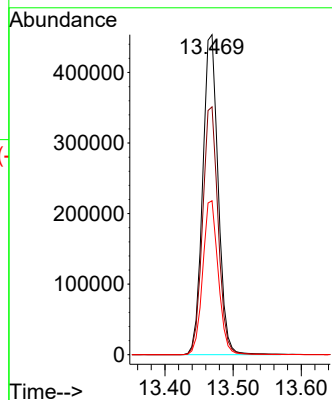
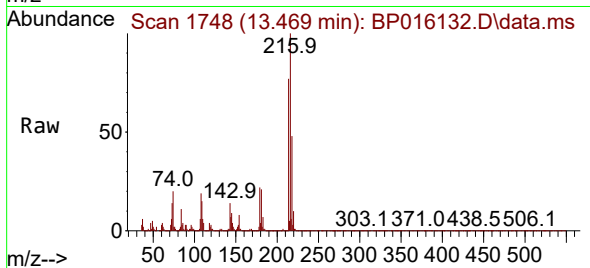




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.205 ng/uL
RT: 13.469 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

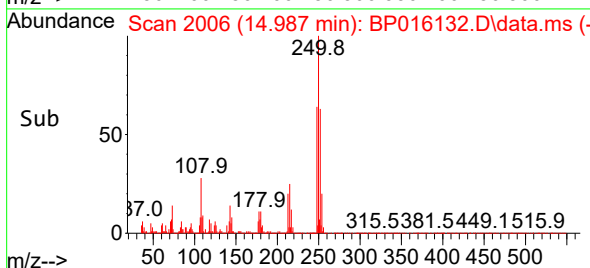
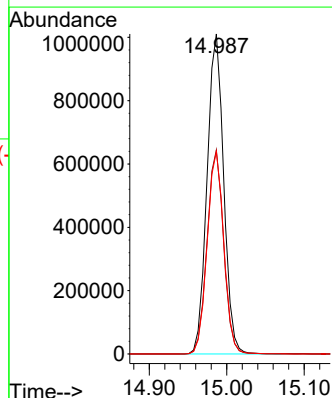
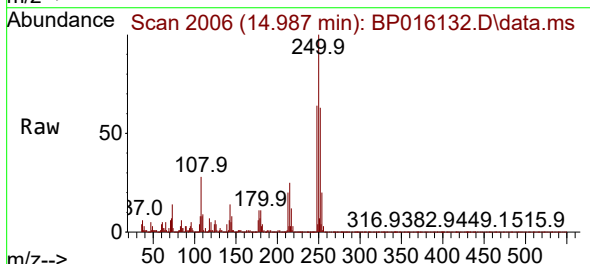
Instrument :
BNA_P
ClientSampleId :

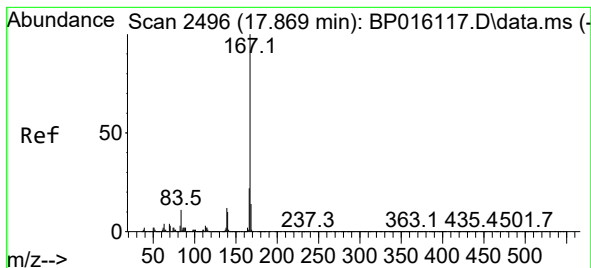
Tgt Ion:216 Resp: 717131
Ion Ratio Lower Upper
216 100
214 77.5 62.0 93.0
218 48.1 38.4 57.6



#76
Pentachlorobenzene
Concen: 71.097 ng/uL
RT: 14.987 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:250 Resp: 1504389
Ion Ratio Lower Upper
250 100
248 63.7 50.7 76.1
252 63.3 51.2 76.8





#77

Carbazole

Concen: 31.930 ng/ul

RT: 17.863 min Scan# 2496

Delta R.T. -0.006 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

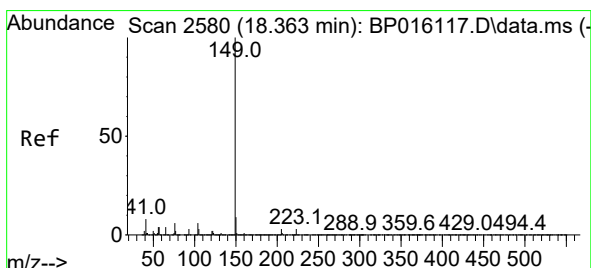
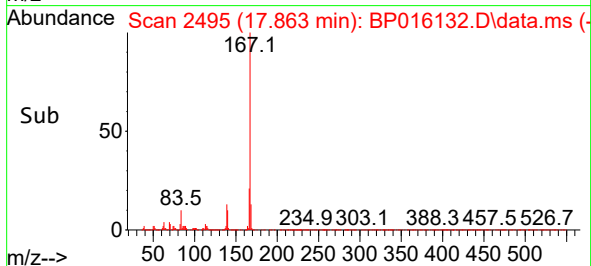
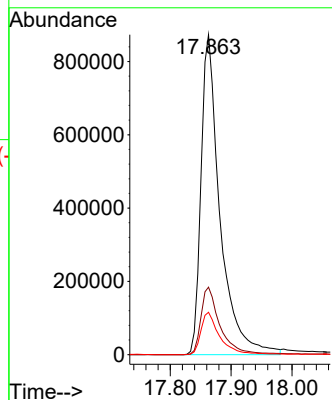
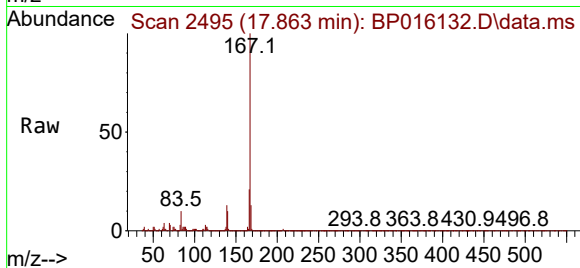
Tgt Ion:167 Resp: 1892842

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.0

139 13.2 11.0 16.4



#78

Di-n-butylphthalate

Concen: 33.191 ng/ul

RT: 18.357 min Scan# 2579

Delta R.T. -0.012 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

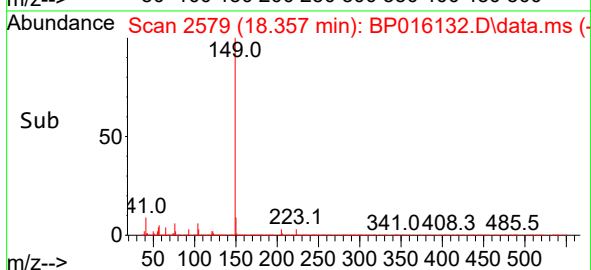
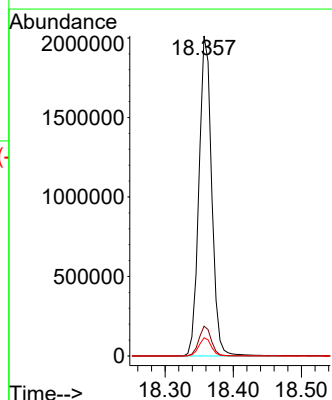
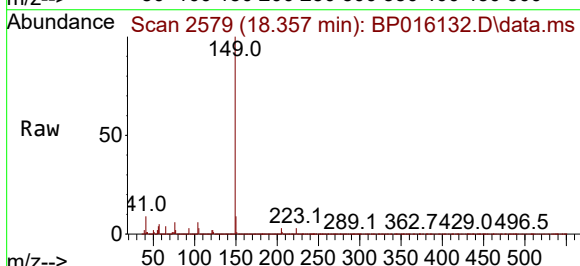
Tgt Ion:149 Resp: 2608490

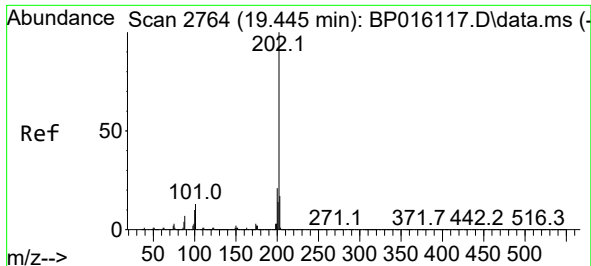
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.7 4.6 7.0

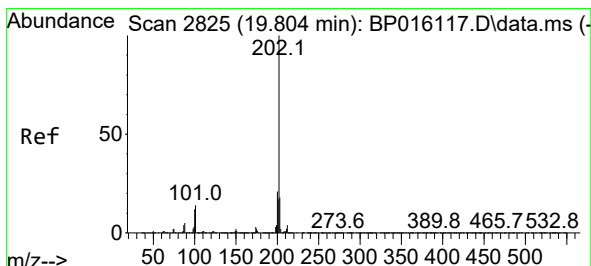
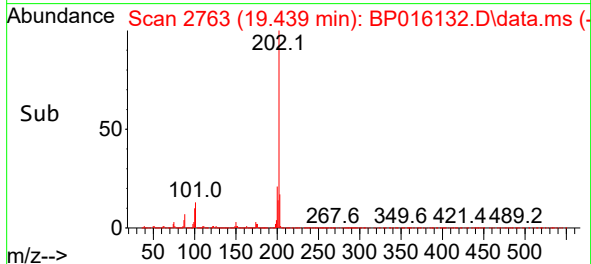
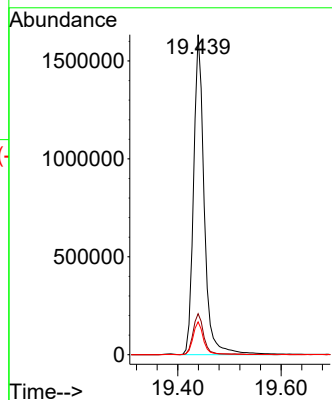
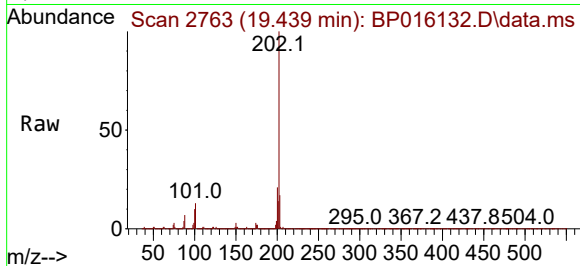




#80
Fluoranthene
Concen: 31.117 ng/ul
RT: 19.439 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

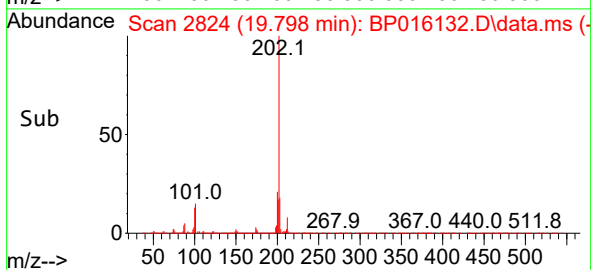
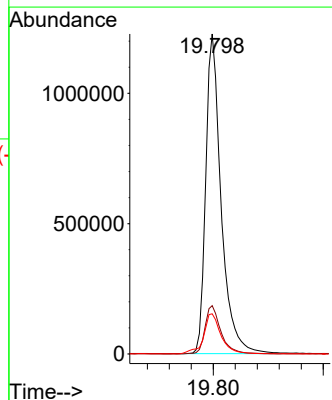
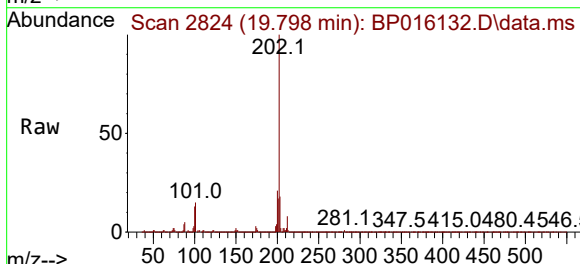
Instrument :
BNA_P
ClientSampleId :

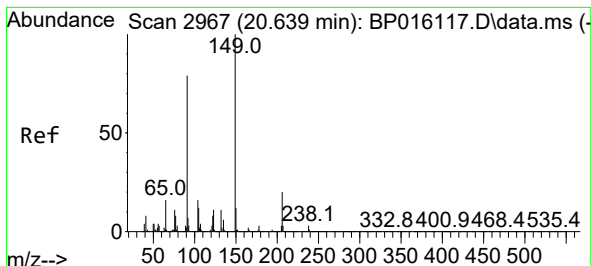
Tgt Ion:202 Resp: 2331402
Ion Ratio Lower Upper
202 100
101 12.8 8.3 12.5#
100 10.3 6.6 9.8#



#82
Pyrene
Concen: 31.199 ng/ul
RT: 19.798 min Scan# 2824
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:202 Resp: 2384438
Ion Ratio Lower Upper
202 100
101 15.1 9.3 13.9#
100 12.6 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 32.223 ng/ul

RT: 20.639 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

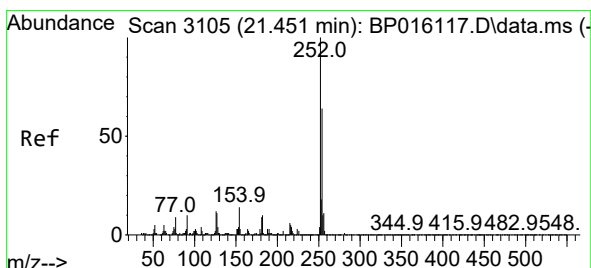
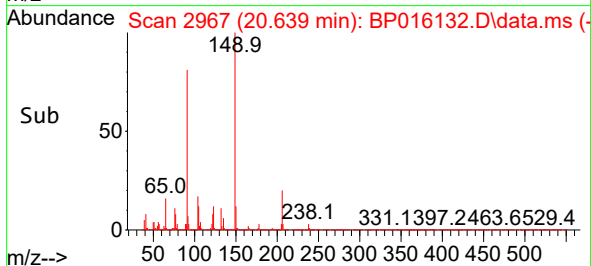
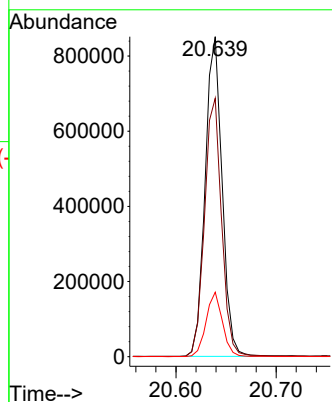
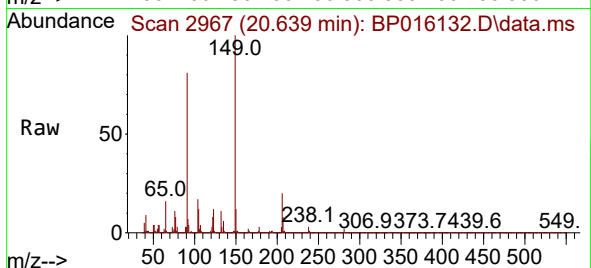
Tgt Ion:149 Resp: 1004712

Ion Ratio Lower Upper

149 100

91 80.8 59.8 89.6

206 20.2 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 29.314 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

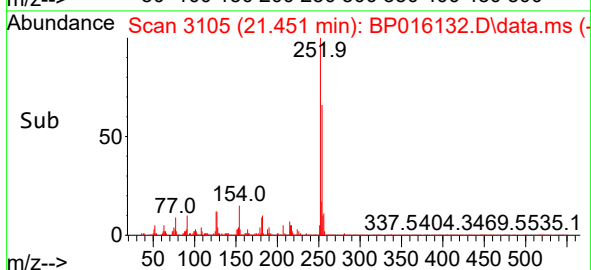
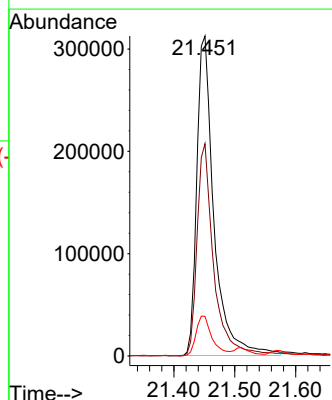
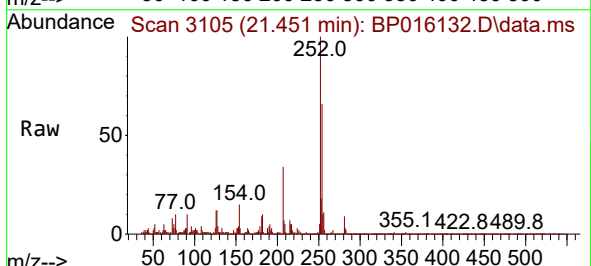
Tgt Ion:252 Resp: 611796

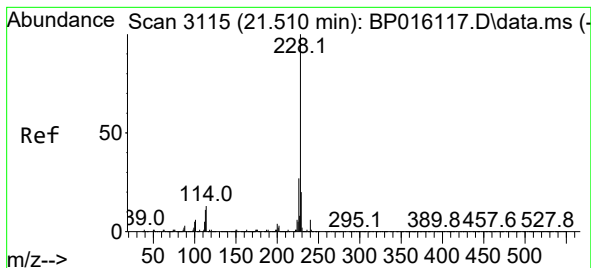
Ion Ratio Lower Upper

252 100

254 66.4 51.0 76.6

126 12.4 8.6 13.0





#85

Benzo(a)anthracene

Concen: 31.323 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

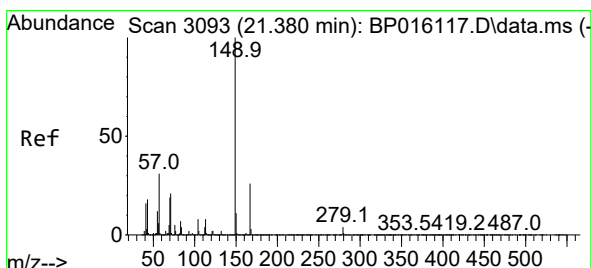
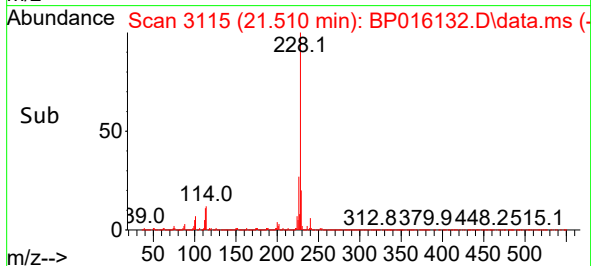
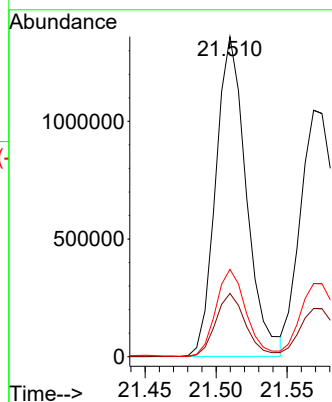
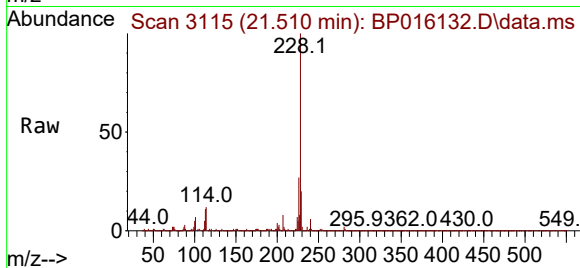
Tgt Ion:228 Resp: 2034259

Ion Ratio Lower Upper

228 100

229 19.8 15.3 22.9

226 27.3 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.308 ng/ul

RT: 21.380 min Scan# 3093

Delta R.T. -0.012 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

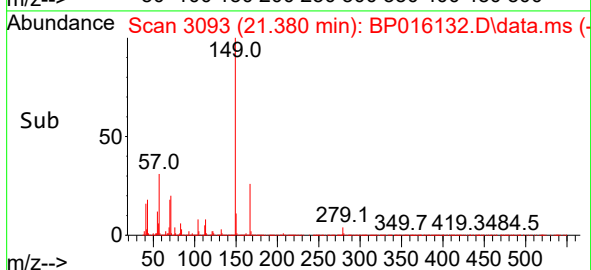
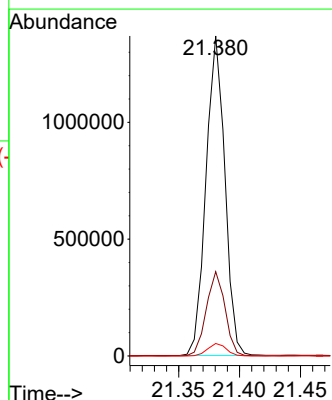
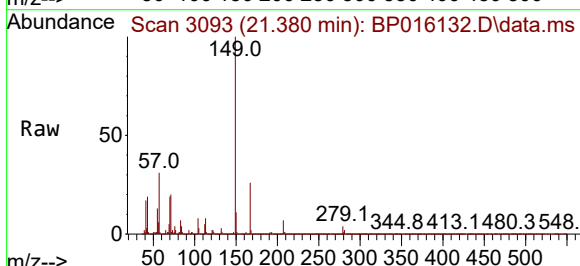
Tgt Ion:149 Resp: 1470140

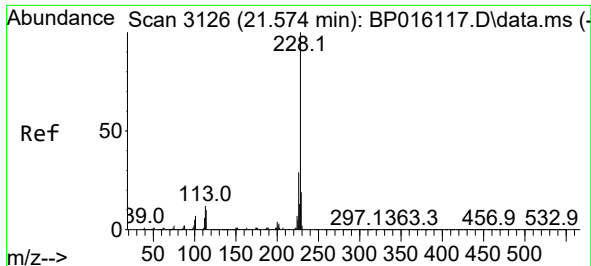
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.6

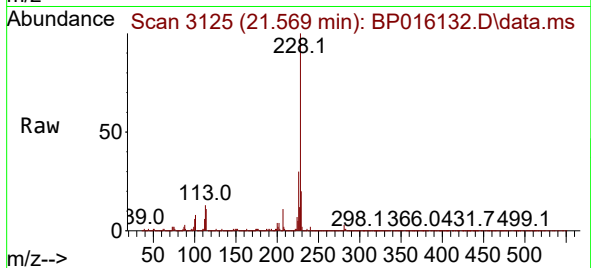
279 3.9 3.8 5.6



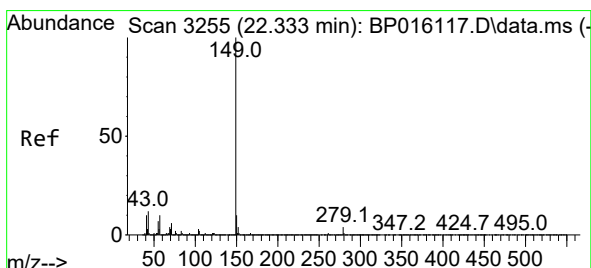
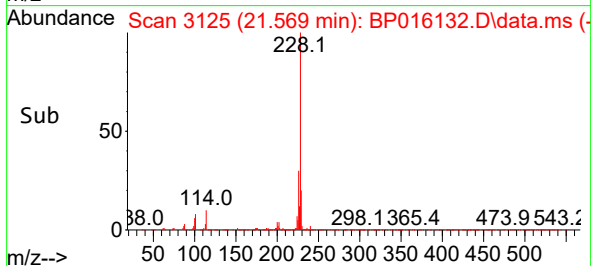
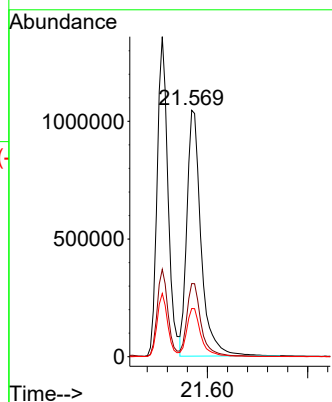


#87
Chrysene
Concen: 33.325 ng/ul
RT: 21.569 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Instrument :
BNA_P
ClientSampleId :

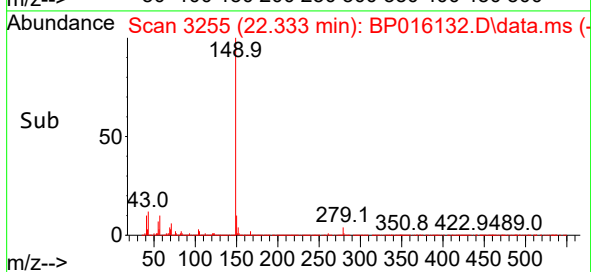
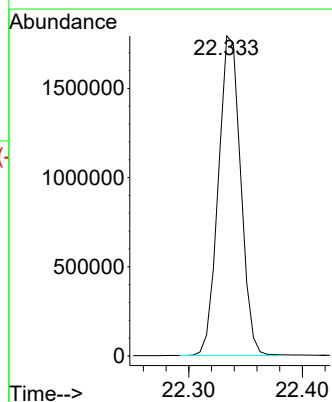
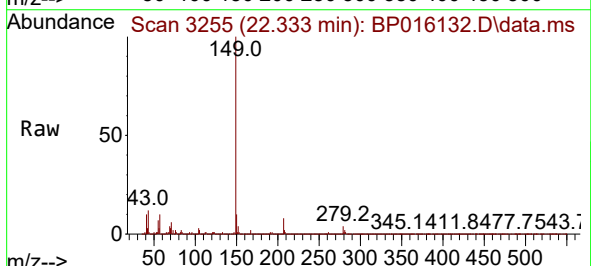


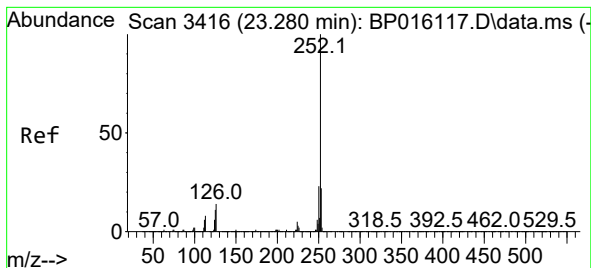
Tgt Ion:228 Resp: 2053396
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 19.6 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 30.958 ng/ul
RT: 22.333 min Scan# 3255
Delta R.T. -0.018 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:149 Resp: 2450621





#90

Benzo(b)fluoranthene

Concen: 30.438 ng/ul

RT: 23.274 min Scan# 3416

Delta R.T. -0.018 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :

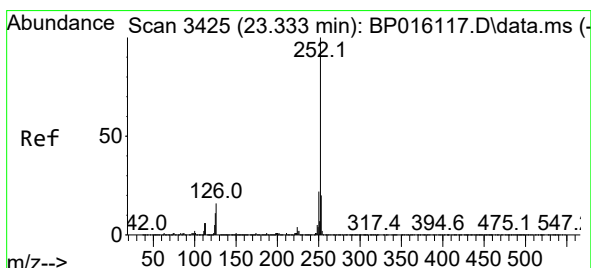
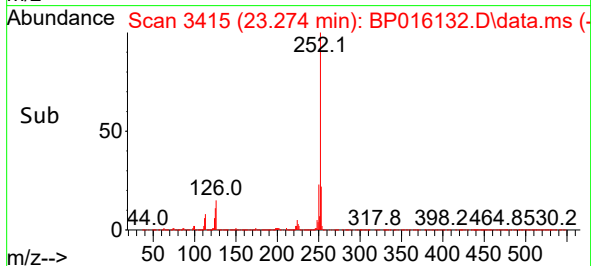
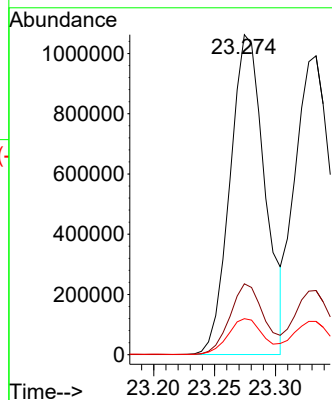
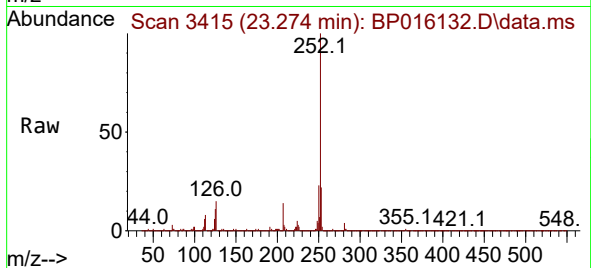
Tgt Ion:252 Resp: 2118428

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 11.3 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 29.848 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. -0.006 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

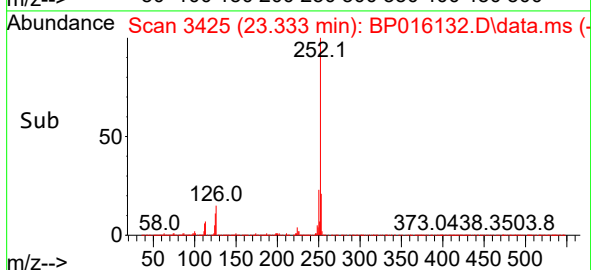
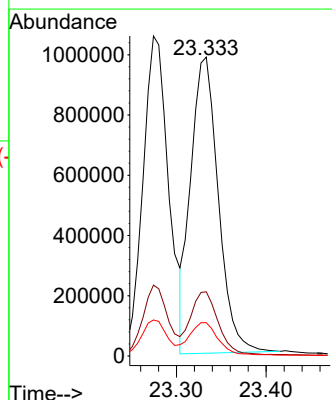
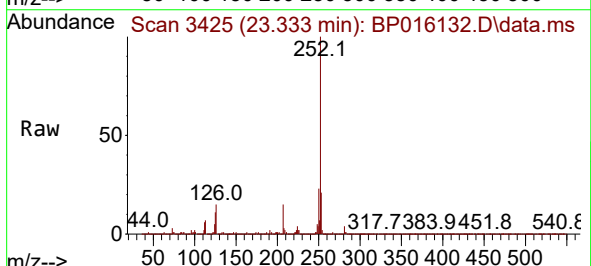
Tgt Ion:252 Resp: 2098938

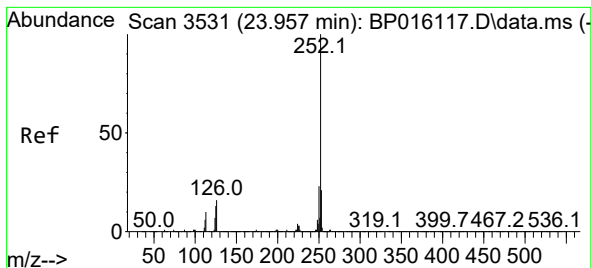
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 11.1 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 31.717 ng/ul

RT: 23.957 min Scan# 3531

Delta R.T. -0.006 min

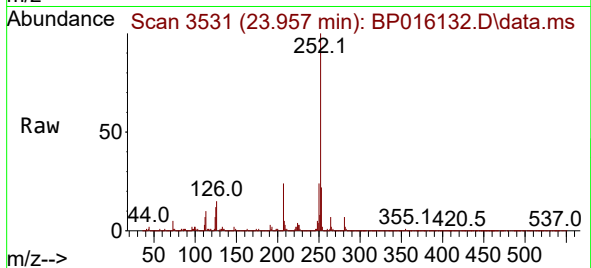
Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

Instrument :

BNA_P

ClientSampleId :



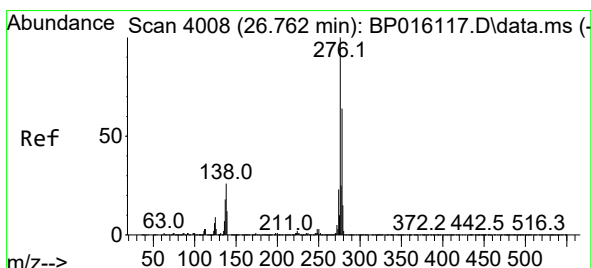
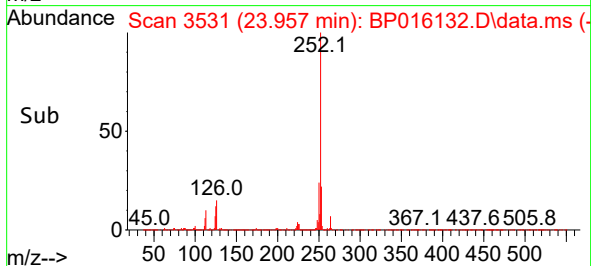
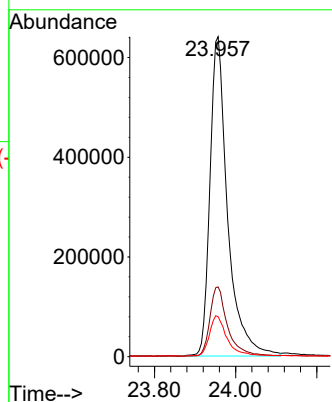
Tgt Ion:252 Resp: 1928865

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 12.5 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.880 ng/ul

RT: 26.745 min Scan# 4005

Delta R.T. -0.029 min

Lab File: BP016132.D

Acq: 09 Jul 2023 14:32

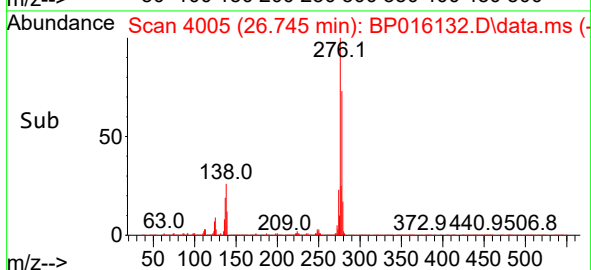
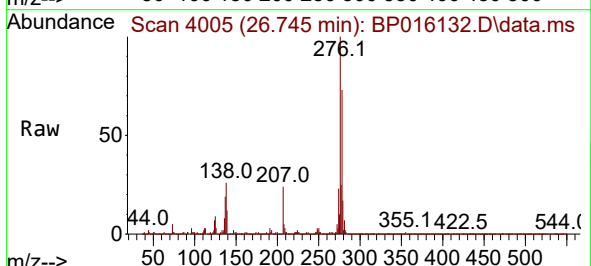
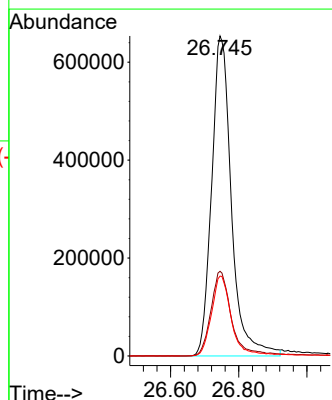
Tgt Ion:276 Resp: 2631929

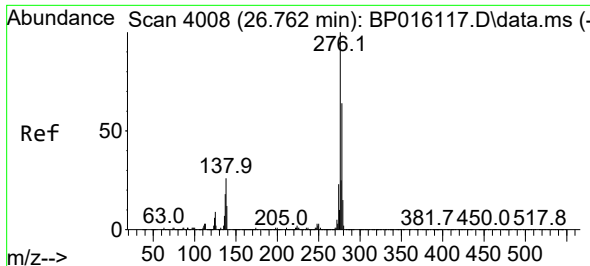
Ion Ratio Lower Upper

276 100

138 26.5 15.7 23.5#

277 25.0 19.6 29.4

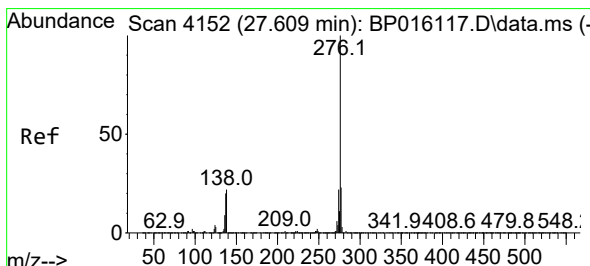
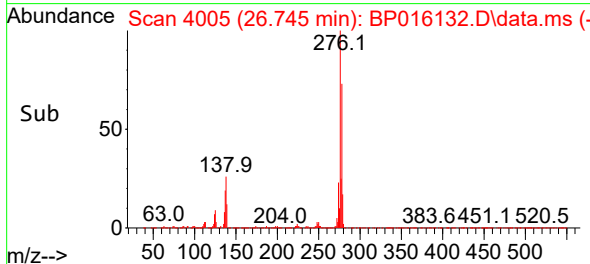
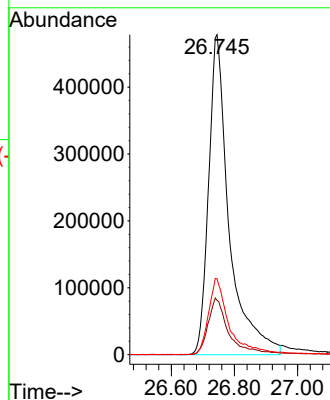
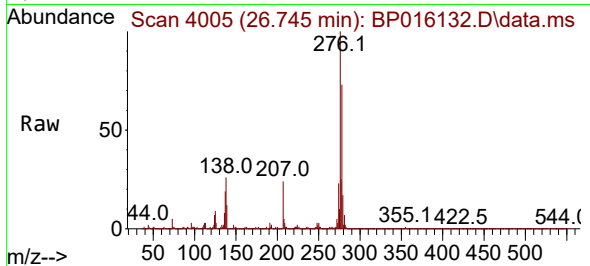




#95
Dibenzo(a,h)anthracene
Concen: 31.767 ng/ul
RT: 26.745 min Scan# 4008
Delta R.T. -0.035 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 2154158
Ion Ratio Lower Upper
278 100
139 17.0 10.5 15.7#
279 23.7 18.4 27.6



#96
Benzo(g,h,i)perylene
Concen: 31.906 ng/ul
RT: 27.598 min Scan# 4150
Delta R.T. -0.024 min
Lab File: BP016132.D
Acq: 09 Jul 2023 14:32

Tgt Ion:276 Resp: 2166982
Ion Ratio Lower Upper
276 100
138 24.3 15.1 22.7#
277 24.2 18.8 28.2

