

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016135.D
 Acq On : 09 Jul 2023 16:48
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 09 22:42:54 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	8.016	152	256161	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.833	136	1096137	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.663	164	665044	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.427	188	1452211	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.527	240	1235740	20.000	ng/u1	#-0.01
88) Perylene-d12	24.074	264	1250132	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	60308	8.470	ng/uL	0.00
4) Pyridine-d5	3.793	84	351825	19.603	ng/u1	-0.01
7) Phenol-d5	7.204	99	431308	19.679	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.345	67	284812	21.004	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.545	132	330528	19.978	ng/u1	-0.02
15) 4-Methylphenol-d8	8.757	113	332721	19.216	ng/u1	-0.01
21) Nitrobenzene-d5	9.204	128	160661	19.179	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.934	143	183170	18.735	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.498	165	324879	18.647	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	454970	20.328	ng/u1	0.00
46) Dimethylphthalate-d6	14.074	166	1019774	19.839	ng/u1	-0.01
49) Acenaphthylene-d8	14.357	160	1158664	20.052	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.986	143	160666	23.685	ng/u1	0.02
60) Fluorene-d10	15.663	176	851051	20.108	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.851	200	136681	15.304	ng/u1	0.00
73) Anthracene-d10	17.533	188	1319420	19.890	ng/u1	-0.01
81) Pyrene-d10	19.768	212	1467165	18.182	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.897	264	1220598	19.355	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	62330	8.135	ng/uL	98
5) Pyridine	3.810	79	365135	19.447	ng/u1	95
6) Benzaldehyde	7.192	77	82704	9.333	ng/u1	94
8) Phenol	7.228	94	461783	20.303	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.440	93	381794	21.098	ng/u1	99
12) 2-Chlorophenol	7.581	128	347196	19.752	ng/u1	98
13) 2-Methylphenol	8.481	108	356034	20.733	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.551	45	602241	24.366	ng/u1	99
16) Acetophenone	8.863	105	574727	20.192	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.834	70	322879	20.425	ng/u1	97
18) 4-Methylphenol	8.828	108	383249	20.771	ng/u1	98
19) Hexachloroethane	9.075	117	160770	19.804	ng/u1	90
22) Nitrobenzene	9.251	77	466107	19.814	ng/u1	99
23) Isophorone	9.769	82	886324	19.688	ng/u1	99
25) 2-Nitrophenol	9.969	139	199412	19.218	ng/u1	95
26) 2,4-Dimethylphenol	10.028	107	430524	18.874	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.251	93	523637	20.605	ng/u1	98
29) 2,4-Dichlorophenol	10.528	162	329542	19.025	ng/u1	98
30) Naphthalene	10.886	128	1194849	20.052	ng/u1	99
32) 4-Chloroaniline	11.039	127	484151	20.821	ng/u1	99
33) Hexachlorobutadiene	11.139	225	221158	16.907	ng/u1	99
34) Caprolactam	11.857	113	106657	20.130	ng/u1	89
35) 4-Chloro-3-methylphenol	12.175	107	384538	18.966	ng/u1	98
36) 2-Methylnaphthalene	12.504	142	773106	19.709	ng/u1	99

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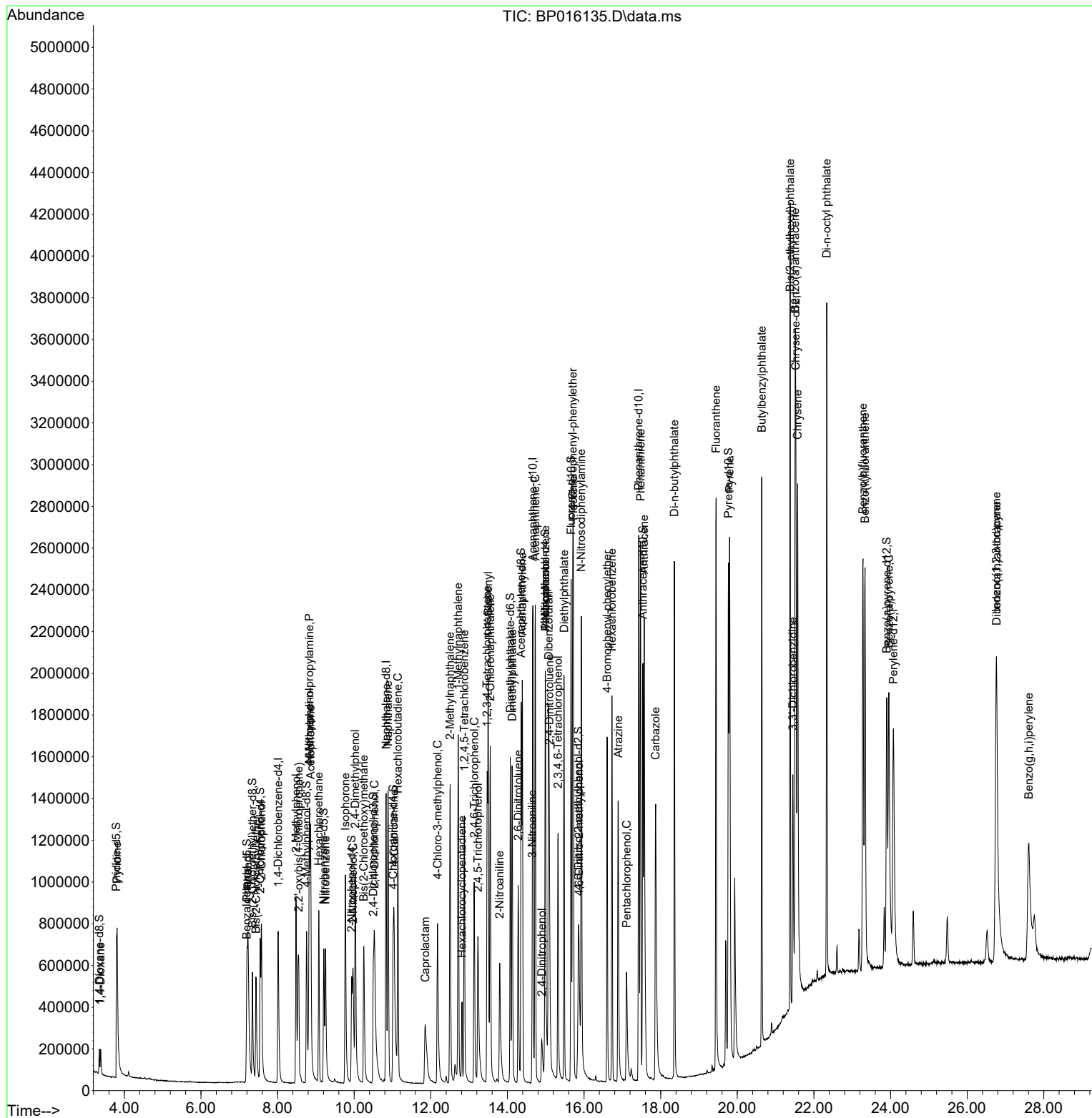
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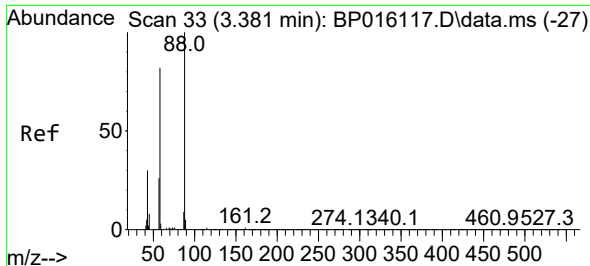
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	785060	19.618	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.875	216	416383	19.000	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	95037	14.496	ng/ul	96
41) 2,4,6-Trichlorophenol	13.133	196	258607	18.672	ng/ul	99
42) 2,4,5-Trichlorophenol	13.227	196	266665	18.152	ng/ul	100
43) 1,1'-Biphenyl	13.498	154	1051957	19.970	ng/ul#	97
44) 2-Chloronaphthalene	13.551	162	819602	19.751	ng/ul	98
45) 2-Nitroaniline	13.798	65	268954	20.599	ng/ul	97
47) Dimethylphthalate	14.122	163	1056256	19.855	ng/ul	99
48) 2,6-Dinitrotoluene	14.280	165	211220	19.574	ng/ul	99
50) Acenaphthylene	14.386	152	1296352	20.361	ng/ul	98
51) 3-Nitroaniline	14.645	138	124575	14.722	ng/ul#	87
52) Acenaphthene	14.727	153	896553	20.307	ng/ul	98
53) 2,4-Dinitrophenol	14.898	184	71025	12.406	ng/ul	93
55) 4-Nitrophenol	14.992	109	98433	14.003	ng/ul#	79
56) Dibenzofuran	15.074	168	1240393	20.238	ng/ul	97
57) 2,4-Dinitrotoluene	15.092	165	300694	20.448	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.321	232	236716	18.760	ng/ul	99
59) Diethylphthalate	15.480	149	1096202	20.363	ng/ul	99
61) Fluorene	15.721	166	1004731	20.210	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	485130	19.071	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.868	198	147974	16.376	ng/ul#	91
67) N-Nitrosodiphenylamine	15.927	169	837012	19.253	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	299218	18.043	ng/ul	92
69) Hexachlorobenzene	16.727	284	354899	18.137	ng/ul	95
70) Atrazine	16.892	200	301753	18.133	ng/ul	99
71) Pentachlorophenol	17.110	266	139042	14.805	ng/ul	96
72) Phenanthrene	17.474	178	1590593	20.162	ng/ul	99
74) Anthracene	17.568	178	1589525	20.051	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	425121	17.990	ng/uL	98
76) Pentachlorobenzene	14.992	250	425342	17.835	ng/uL	98
77) Carbazole	17.868	167	1404725	21.024	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1862293	21.024	ng/ul	100
80) Fluoranthene	19.445	202	1804900	17.998	ng/ul#	95
82) Pyrene	19.798	202	1875640	18.335	ng/ul#	89
83) Butylbenzylphthalate	20.639	149	831001	19.912	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	485892	17.394	ng/ul	99
85) Benzo(a)anthracene	21.509	228	1651206	18.995	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1203718	20.987	ng/ul	99
87) Chrysene	21.574	228	1726627	20.935	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	1974434	21.611	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1538957	19.159	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	1703736	20.993	ng/ul#	97
93) Benzo(a)pyrene	23.956	252	1380653	19.671	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.762	276	1610463	16.902	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.768	278	1306370	16.692	ng/ul#	95
96) Benzo(g,h,i)perylene	27.609	276	1259553	16.069	ng/ul#	94

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

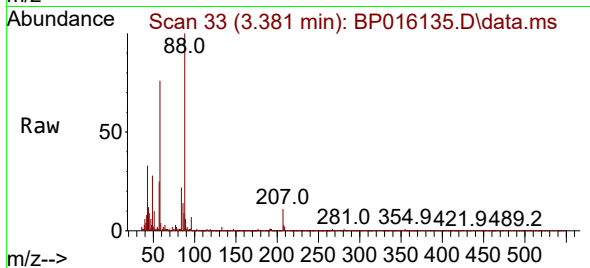
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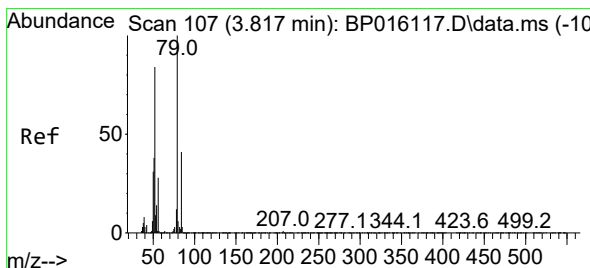
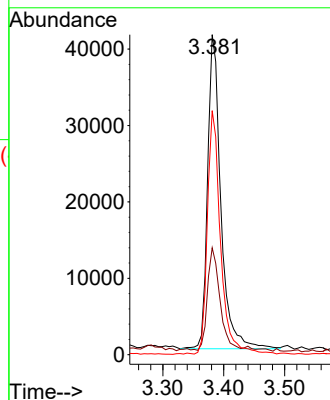
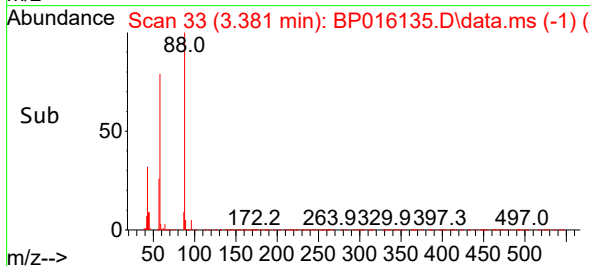


#2
1,4-Dioxane
Concen: 8.135 ng/uL
RT: 3.381 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Instrument :
BNA_P
ClientSampleId :

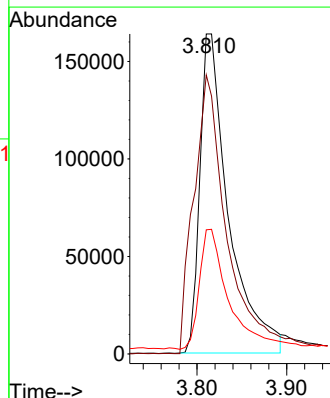
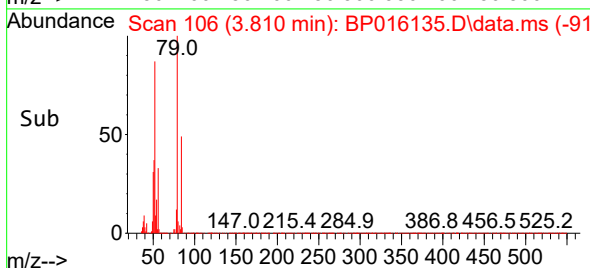
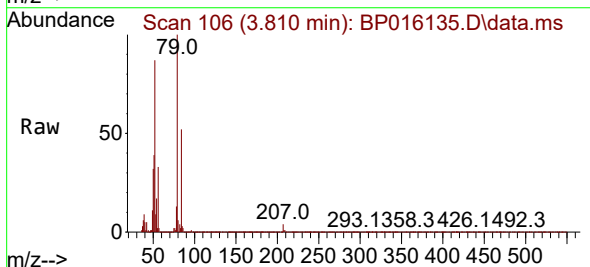


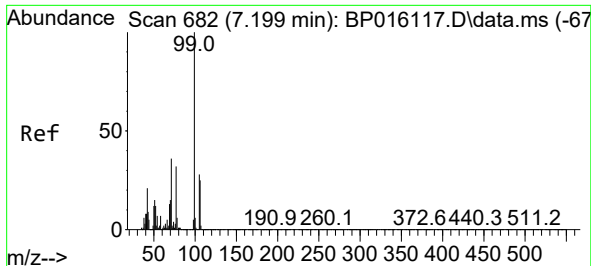
Tgt Ion: 88 Resp: 62330
Ion Ratio Lower Upper
88 100
43 33.4 27.4 41.2
58 76.3 59.8 89.8



#5
Pyridine
Concen: 19.447 ng/uL
RT: 3.810 min Scan# 106
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion: 79 Resp: 365135
Ion Ratio Lower Upper
79 100
52 87.2 65.5 98.3
51 38.8 31.8 47.8

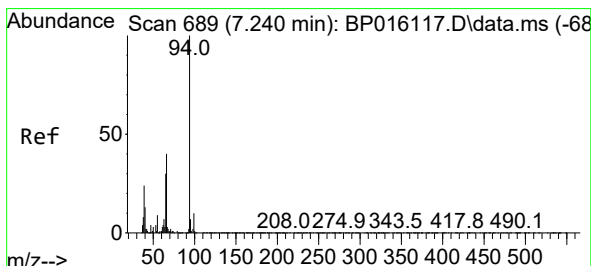
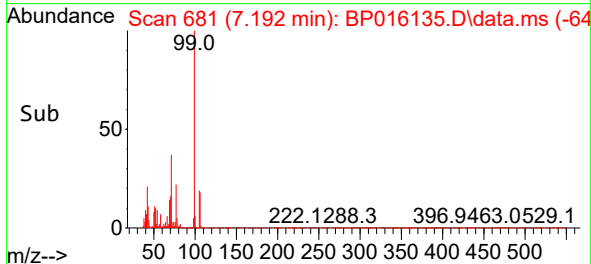
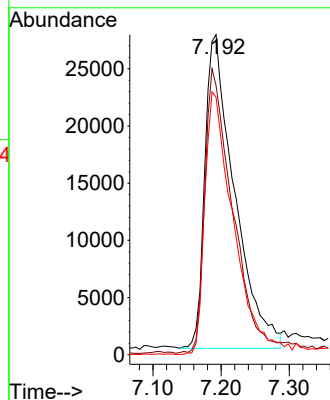
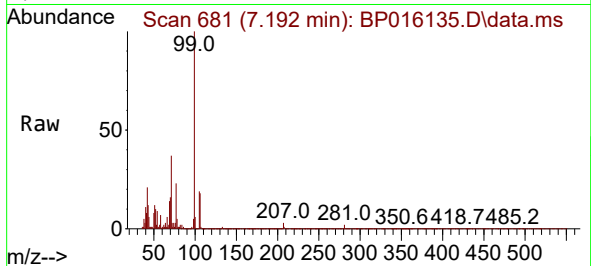




#6
Benzaldehyde
Concen: 9.333 ng/ul
RT: 7.192 min Scan# 682
Delta R.T. 0.005 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

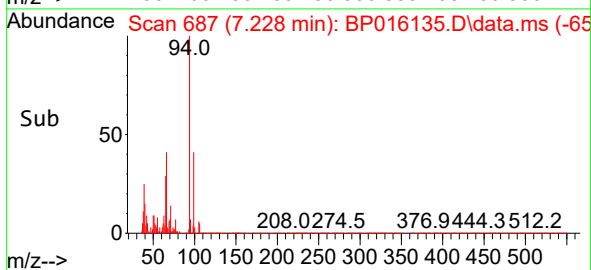
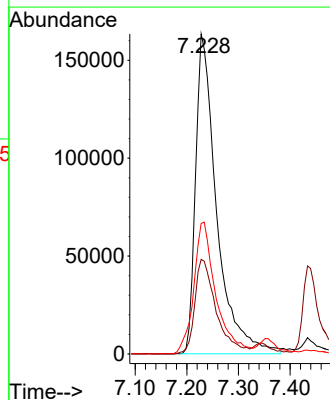
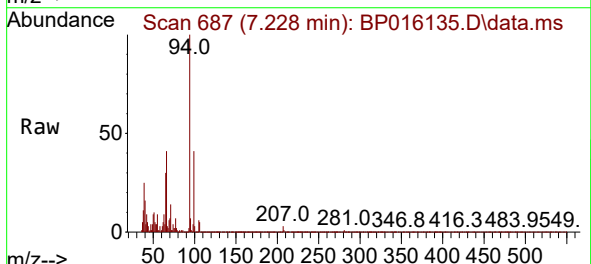
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BNA_P
ClientSampleId :

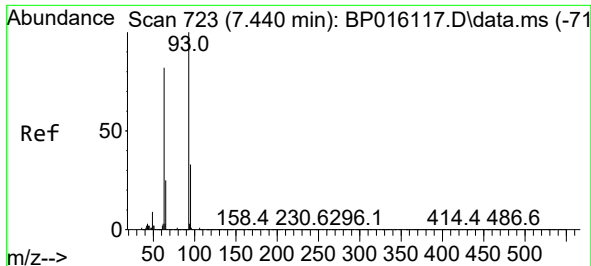
Tgt Ion: 77 Resp: 82704
Ion Ratio Lower Upper
77 100
105 84.1 73.4 110.0
106 80.5 66.6 100.0



#8
Phenol
Concen: 20.303 ng/ul
RT: 7.228 min Scan# 687
Delta R.T. -0.018 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

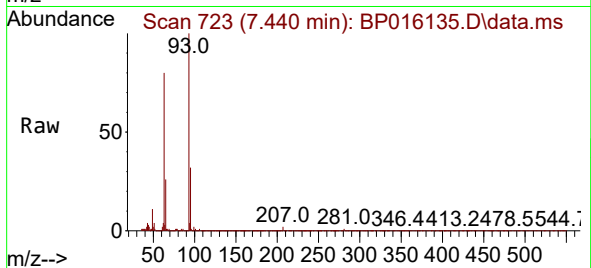
Tgt Ion: 94 Resp: 461783
Ion Ratio Lower Upper
94 100
65 29.6 26.4 39.6
66 40.8 37.3 55.9



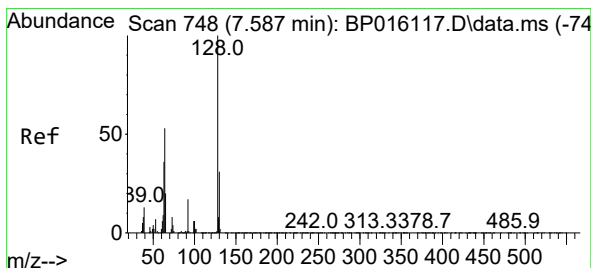
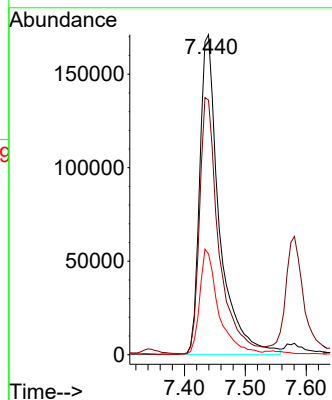
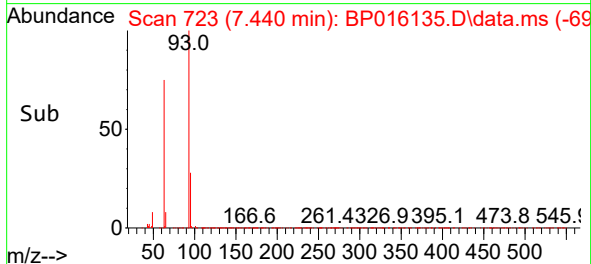


#10
 Bis(2-Chloroethyl)ether
 Concen: 21.098 ng/ul
 RT: 7.440 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP016135.D
 Acq: 09 Jul 2023 16:48

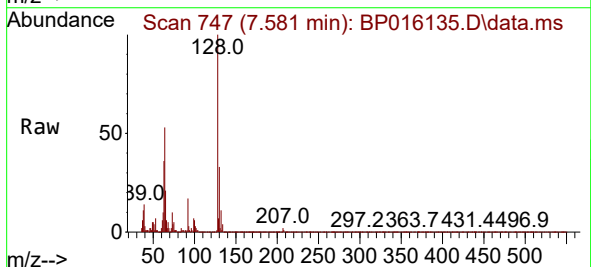
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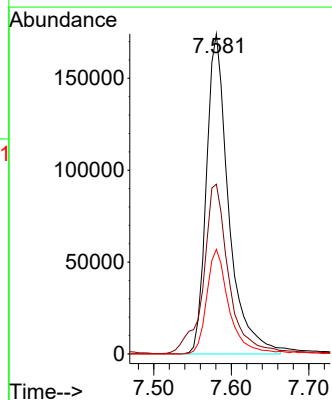
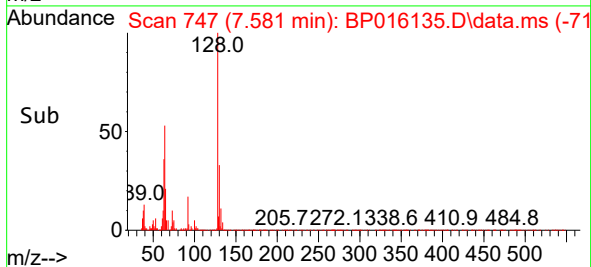
Tgt Ion: 93 Resp: 381794
 Ion Ratio Lower Upper
 93 100
 63 79.5 62.8 94.2
 95 31.5 25.6 38.4

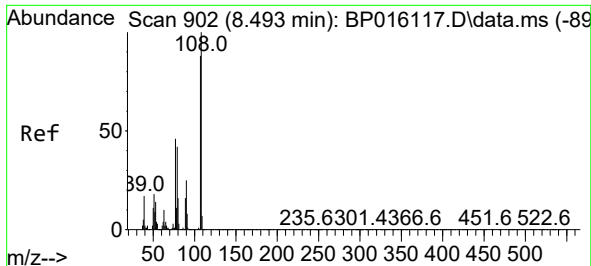


#12
 2-Chlorophenol
 Concen: 19.752 ng/ul
 RT: 7.581 min Scan# 747
 Delta R.T. -0.012 min
 Lab File: BP016135.D
 Acq: 09 Jul 2023 16:48



Tgt Ion: 128 Resp: 347196
 Ion Ratio Lower Upper
 128 100
 64 53.1 41.2 61.8
 130 32.7 26.0 39.0

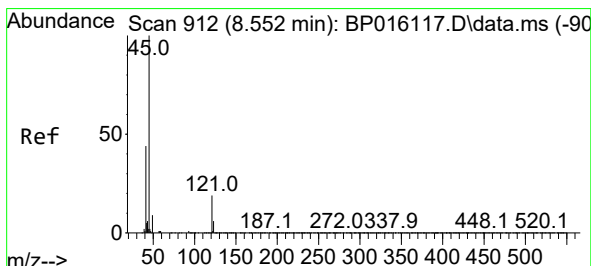
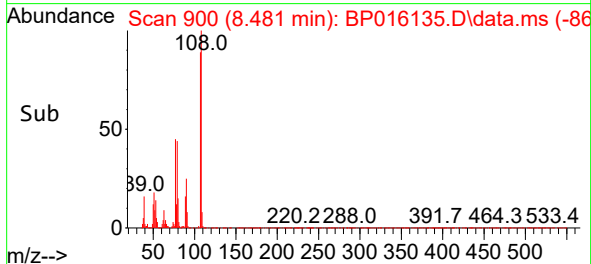
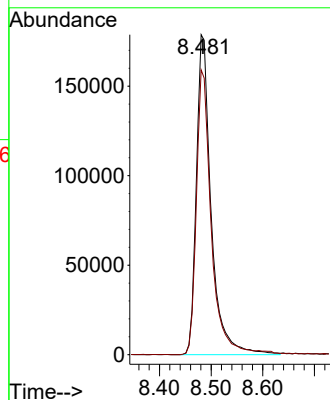
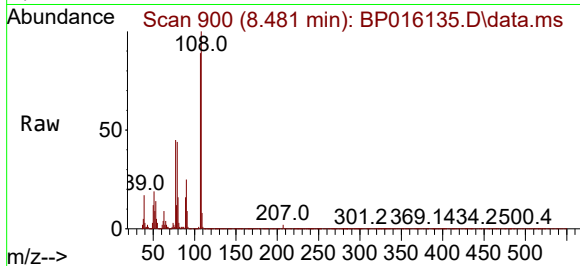




#13
2-Methylphenol
Concen: 20.733 ng/ul
RT: 8.481 min Scan# 902
Delta R.T. -0.018 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

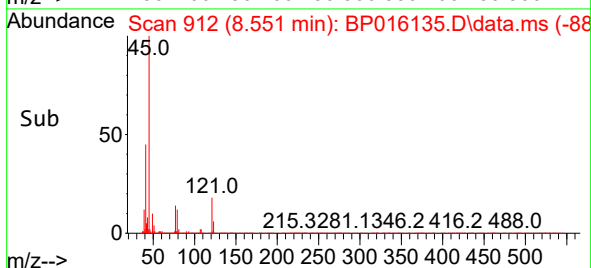
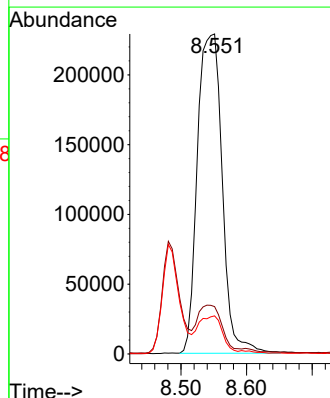
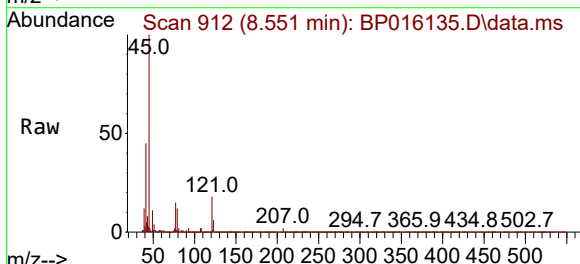
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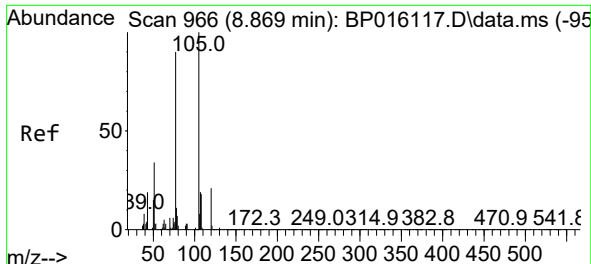
Tgt Ion:108 Resp: 356034
Ion Ratio Lower Upper
108 100
107 89.0 73.8 110.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 24.366 ng/ul
RT: 8.551 min Scan# 912
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion: 45 Resp: 602241
Ion Ratio Lower Upper
45 100
77 14.8 12.4 18.6
79 11.9 9.3 13.9

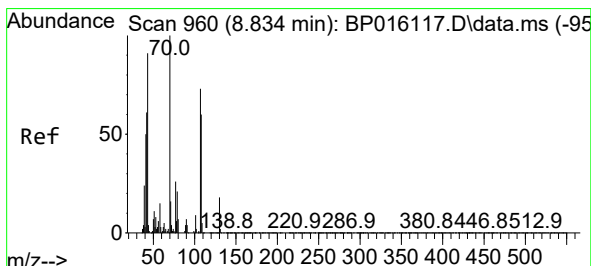
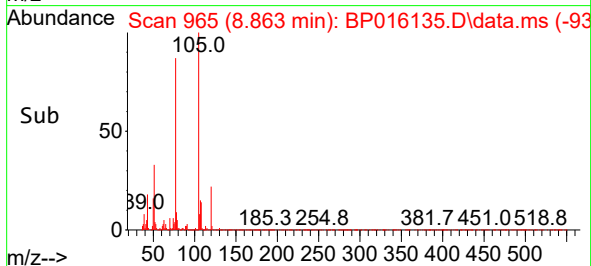
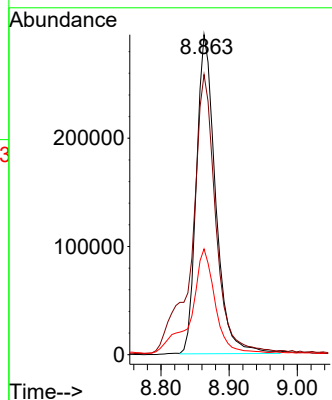
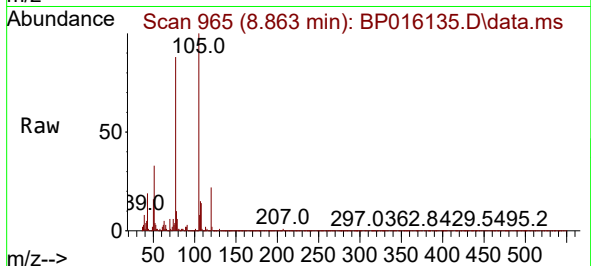




#16
Acetophenone
Concen: 20.192 ng/ul
RT: 8.863 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

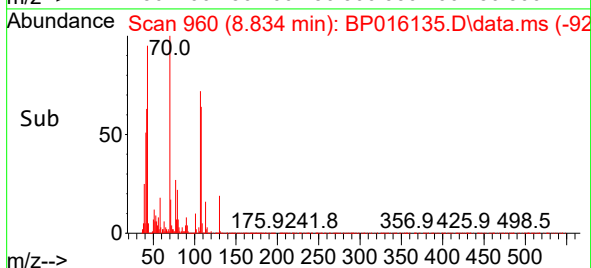
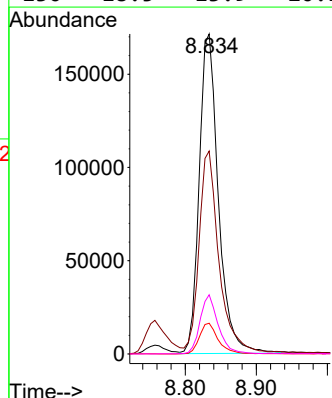
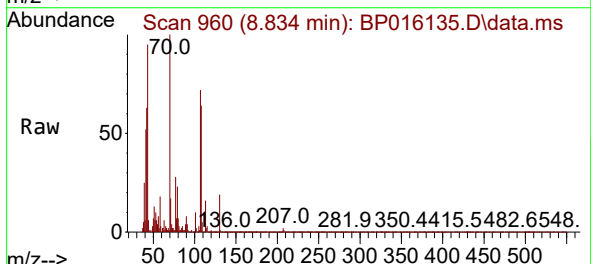
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ClientSampleId :

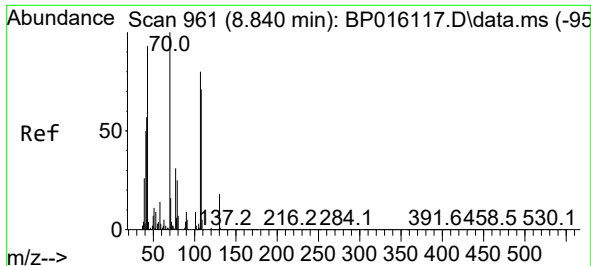
Tgt Ion:105 Resp: 574727
Ion Ratio Lower Upper
105 100
77 87.5 65.0 97.4
51 33.0 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.425 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion: 70 Resp: 322879
Ion Ratio Lower Upper
70 100
42 63.4 48.2 72.2
101 9.6 7.6 11.4
130 18.5 13.9 20.9

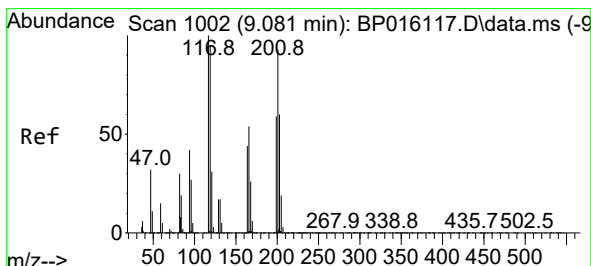
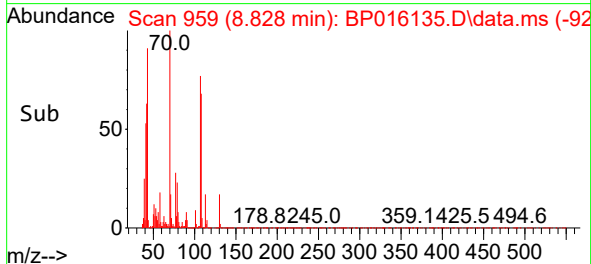
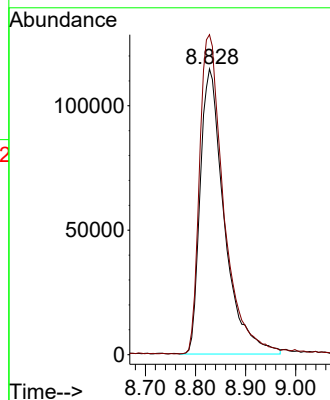
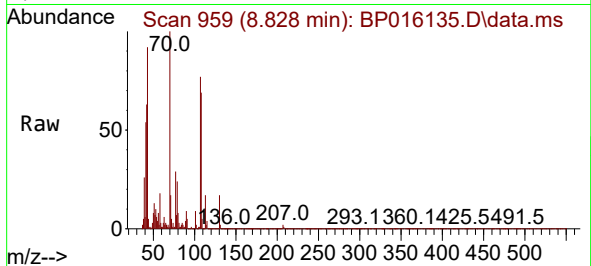




#18
4-Methylphenol
Concen: 20.771 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

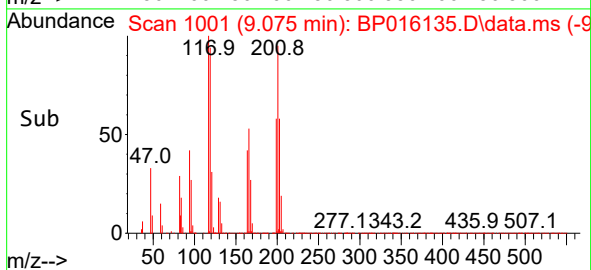
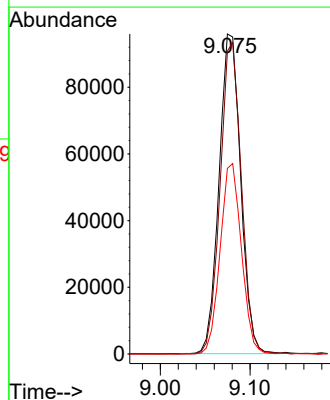
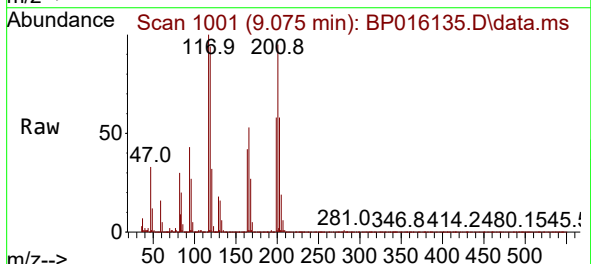
Instrument :
BNA_P
ClientSampleId :

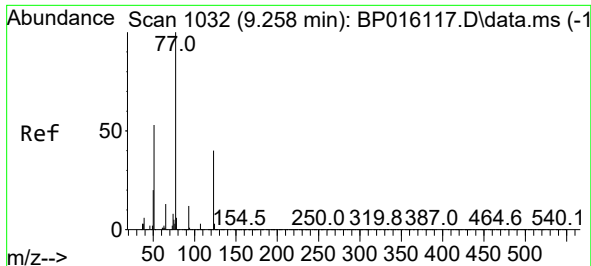
Tgt Ion:108 Resp: 383249
Ion Ratio Lower Upper
108 100
107 112.0 91.3 136.9



#19
Hexachloroethane
Concen: 19.804 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.024 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion:117 Resp: 160770
Ion Ratio Lower Upper
117 100
201 94.7 84.2 126.2
199 58.0 51.8 77.8





#22

Nitrobenzene

Concen: 19.814 ng/ul

RT: 9.251 min Scan# 1107

Delta R.T. -0.012 min

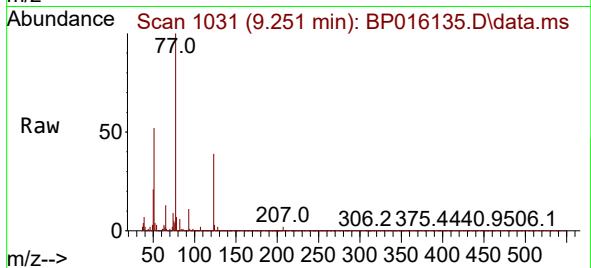
Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

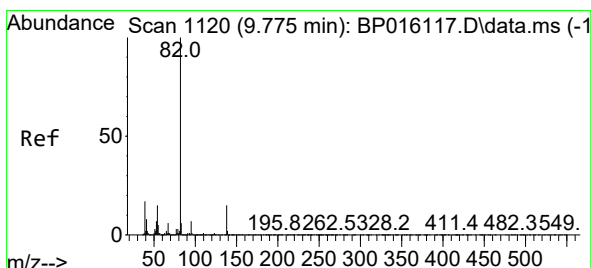
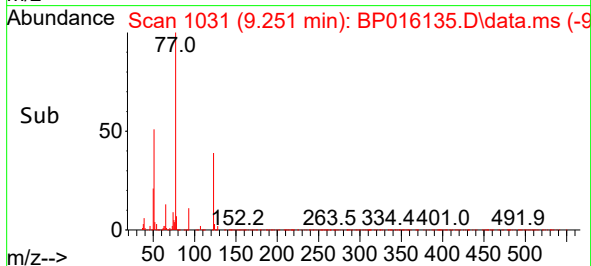
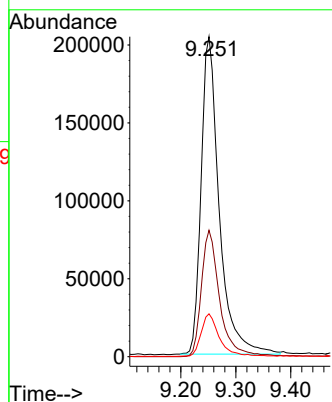
Instrument :

BNA_P

ClientSampleId :



Tgt Ion: 77	Resp: 466107
Ion Ratio	Lower Upper
77 100	
123 39.5	31.0 46.4
65 13.4	11.3 16.9



#23

Isophorone

Concen: 19.688 ng/ul

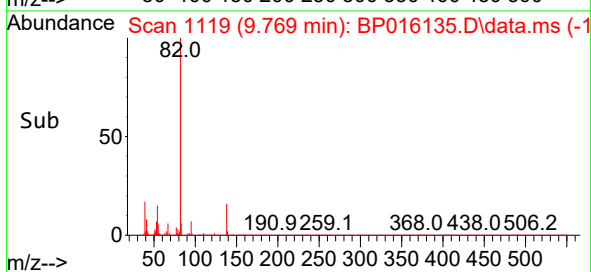
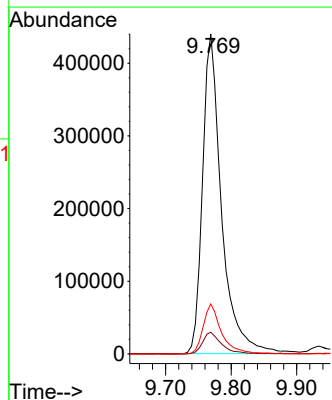
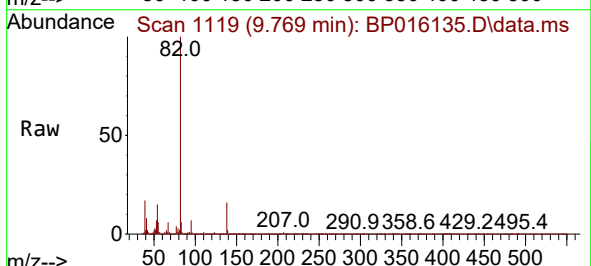
RT: 9.769 min Scan# 1119

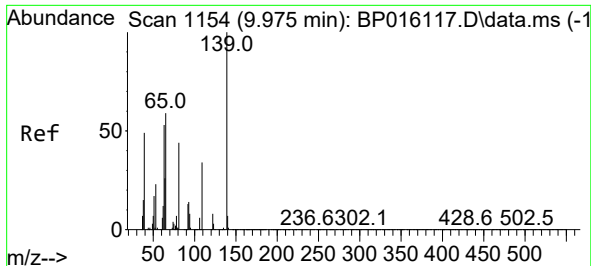
Delta R.T. -0.018 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Tgt Ion: 82	Resp: 886324
Ion Ratio	Lower Upper
82 100	
95 6.8	6.3 9.5
138 15.6	12.3 18.5

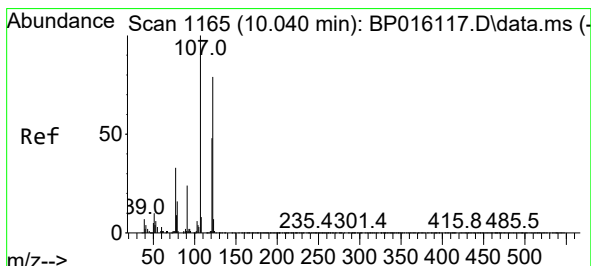
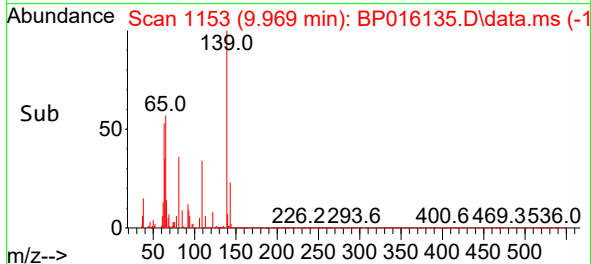
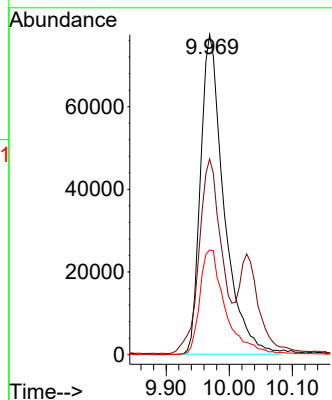
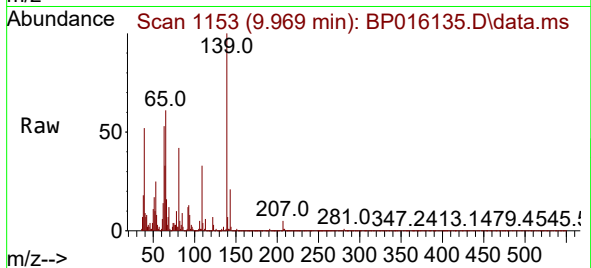




#25
2-Nitrophenol
Concen: 19.218 ng/ul
RT: 9.969 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

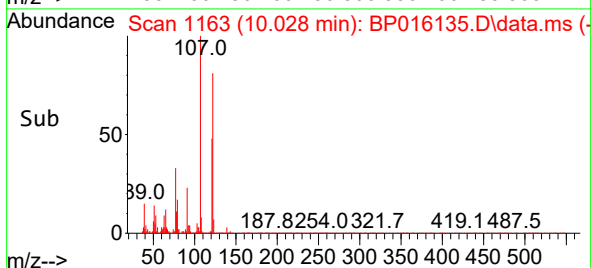
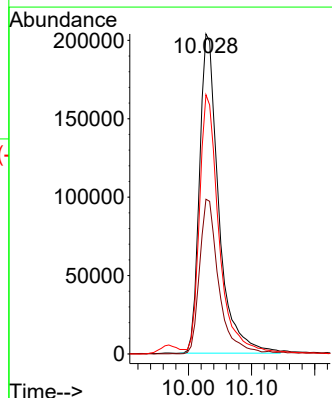
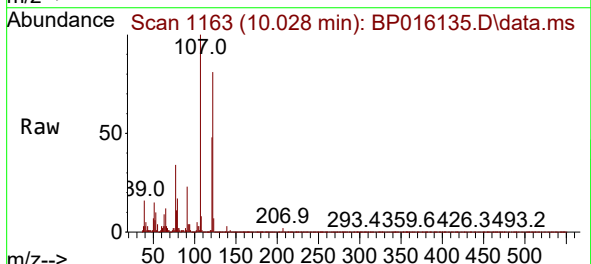
Instrument :
BNA_P
ClientSampleId :

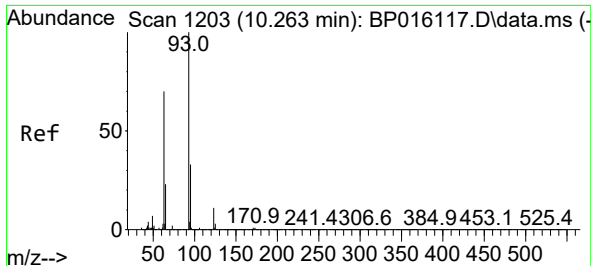
Tgt Ion:139 Resp: 199412
Ion Ratio Lower Upper
139 100
65 61.1 50.2 75.2
109 32.7 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 18.874 ng/ul
RT: 10.028 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion:107 Resp: 430524
Ion Ratio Lower Upper
107 100
121 48.3 38.2 57.2
122 81.0 62.1 93.1

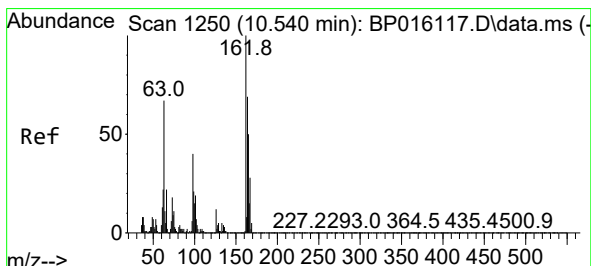
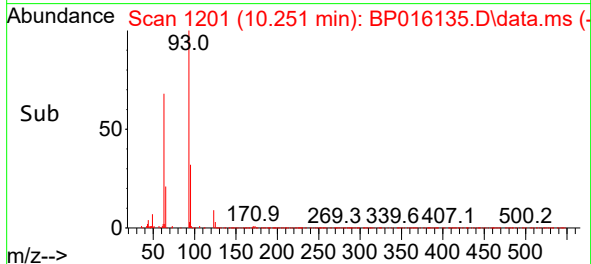
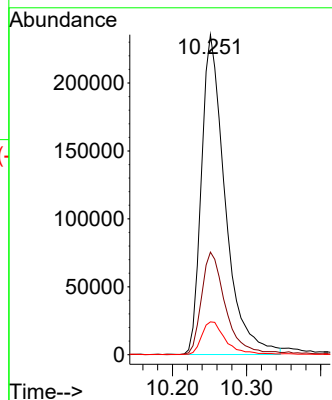
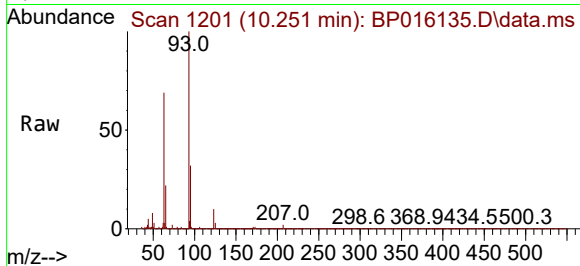




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.605 ng/ul
 RT: 10.251 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP016135.D
 Acq: 09 Jul 2023 16:48

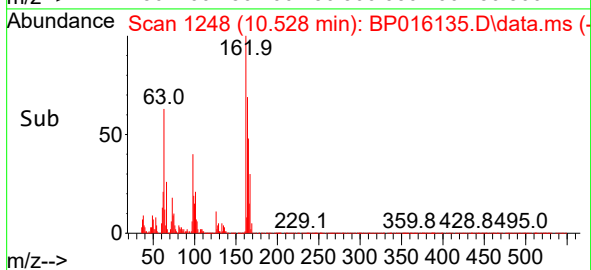
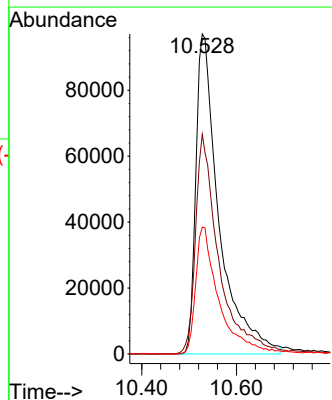
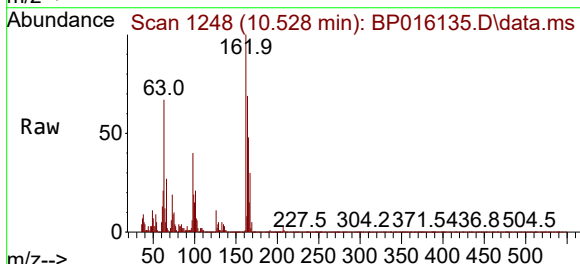
Instrument :
 BNA_P
 ClientSampleId :

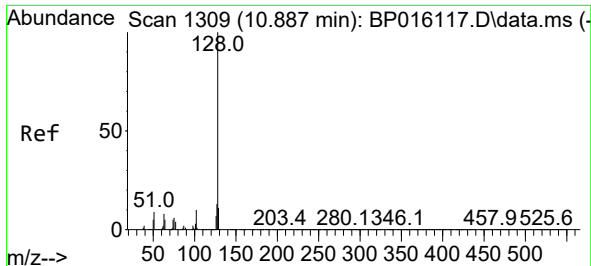
Tgt Ion: 93 Resp: 523637
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.6 39.8
 123 10.3 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 19.025 ng/ul
 RT: 10.528 min Scan# 1248
 Delta R.T. -0.006 min
 Lab File: BP016135.D
 Acq: 09 Jul 2023 16:48

Tgt Ion:162 Resp: 329542
 Ion Ratio Lower Upper
 162 100
 164 68.7 53.0 79.6
 98 39.6 31.3 46.9

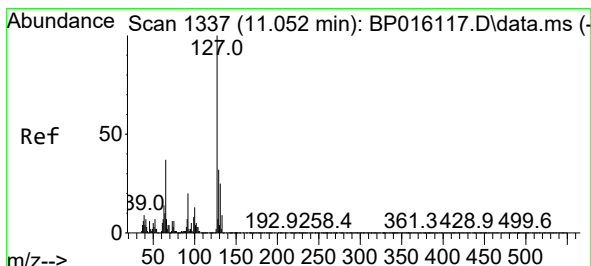
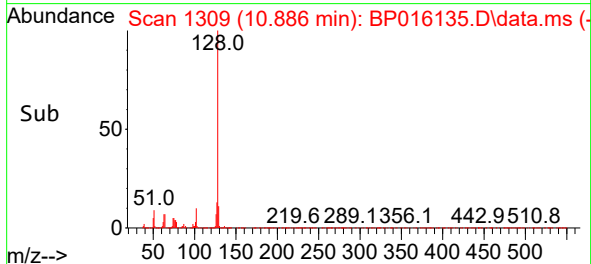
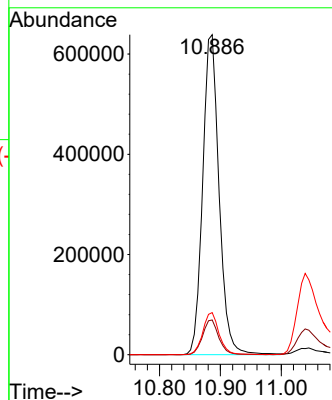
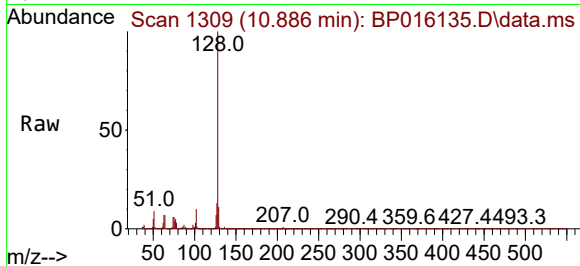




#30
Naphthalene
Concen: 20.052 ng/ul
RT: 10.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

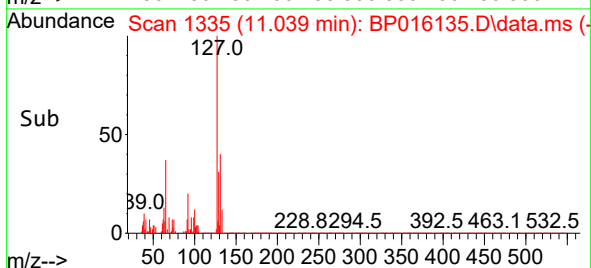
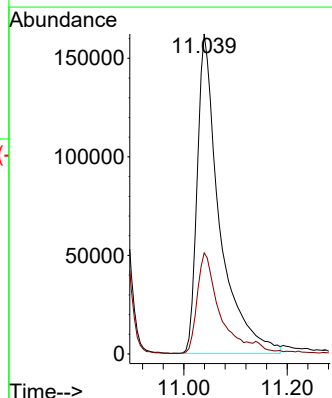
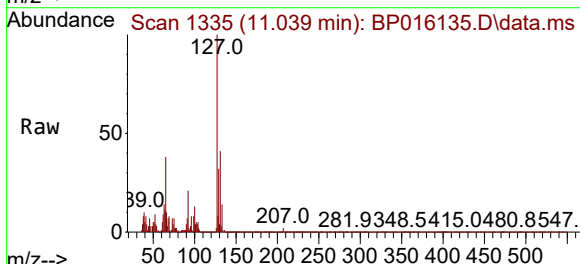
Instrument :
BNA_P
ClientSampleId :

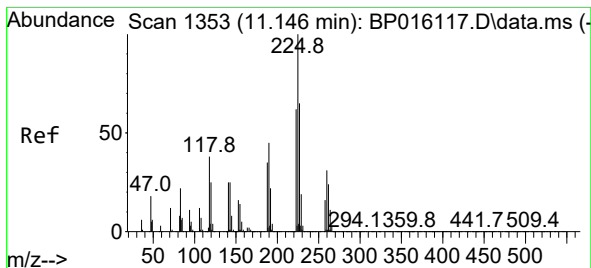
Tgt Ion:128 Resp: 1194849
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 20.821 ng/ul
RT: 11.039 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion:127 Resp: 484151
Ion Ratio Lower Upper
127 100
129 31.6 24.7 37.1

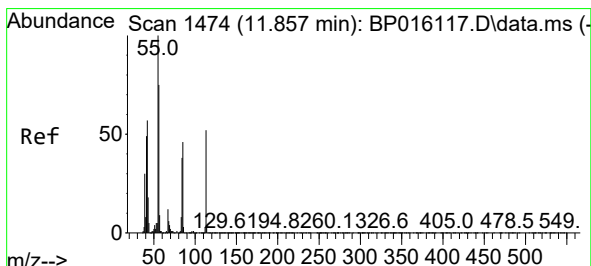
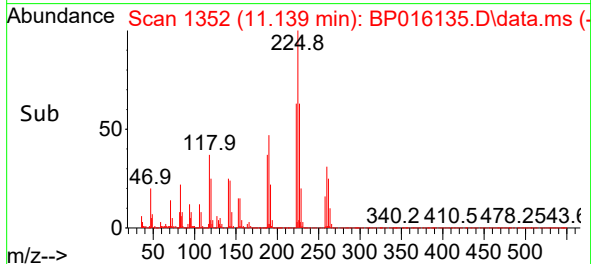
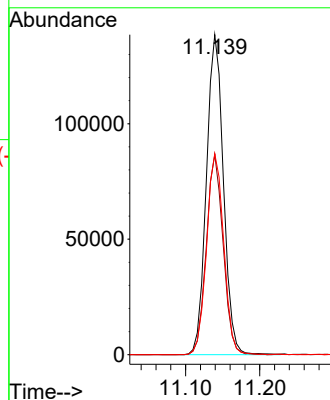
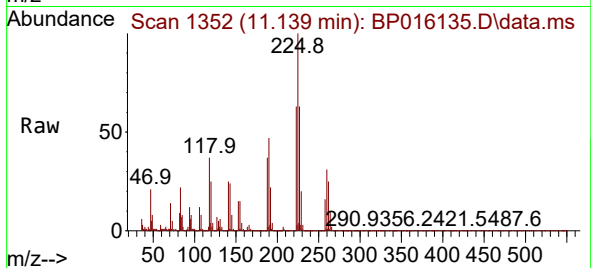




#33
Hexachlorobutadiene
Concen: 16.907 ng/ul
RT: 11.139 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

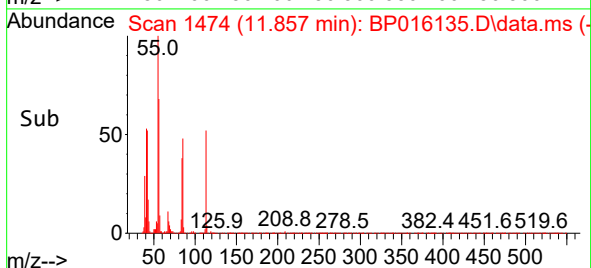
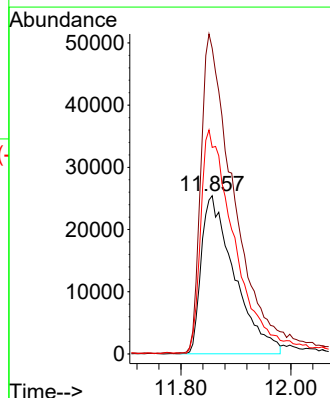
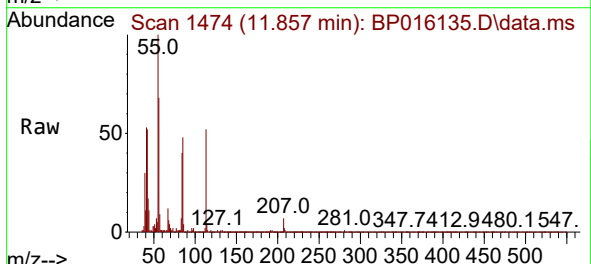
Instrument :
BNA_P
ClientSampleId :

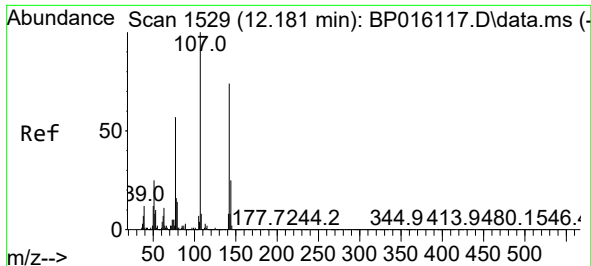
Tgt Ion:225 Resp: 221158
Ion Ratio Lower Upper
225 100
223 62.5 50.4 75.6
227 62.8 51.0 76.4



#34
Caprolactam
Concen: 20.130 ng/ul
RT: 11.857 min Scan# 1474
Delta R.T. -0.018 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion:113 Resp: 106657
Ion Ratio Lower Upper
113 100
55 193.1 142.8 214.2
56 130.6 116.9 175.3

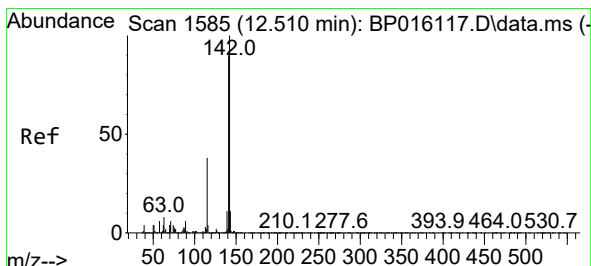
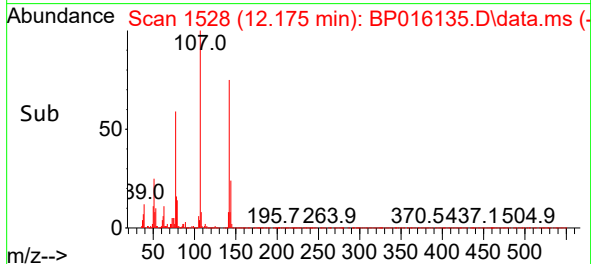
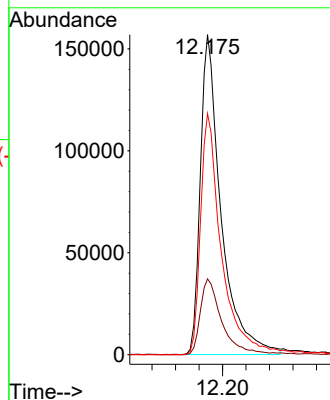
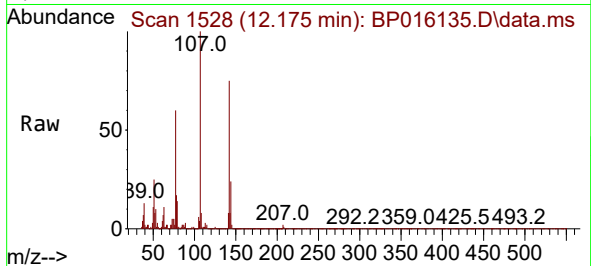




#35
4-Chloro-3-methylphenol
Concen: 18.966 ng/ul
RT: 12.175 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

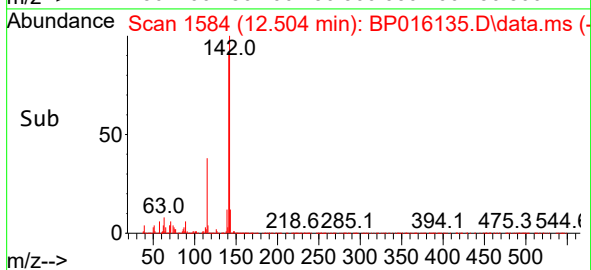
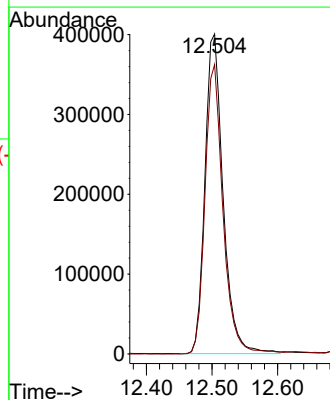
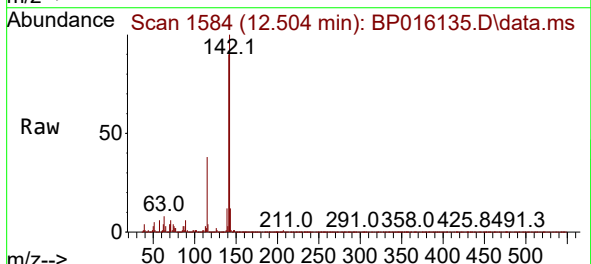
Instrument :
BNA_P
ClientSampleId :

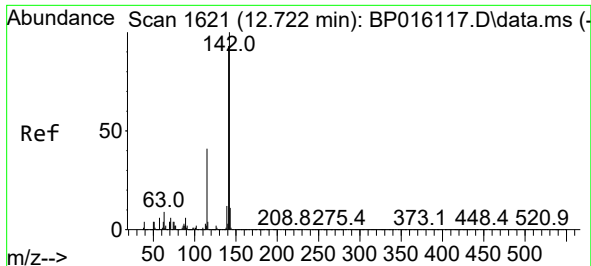
Tgt Ion:107 Resp: 384538
Ion Ratio Lower Upper
107 100
144 23.7 18.4 27.6
142 75.4 58.6 87.8



#36
2-Methylnaphthalene
Concen: 19.709 ng/ul
RT: 12.504 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion:142 Resp: 773106
Ion Ratio Lower Upper
142 100
141 90.4 73.2 109.8

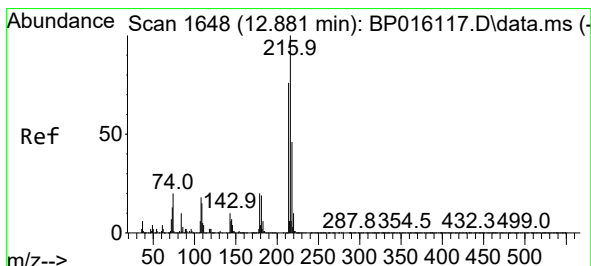
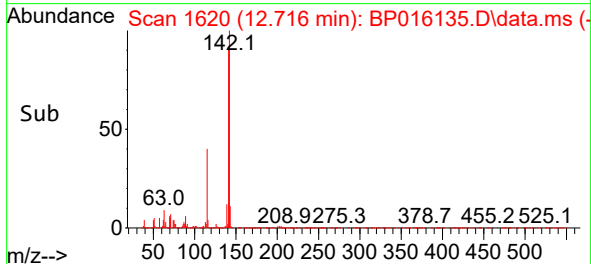
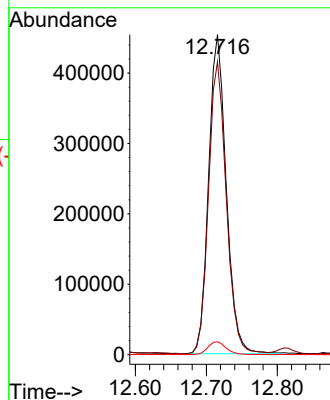
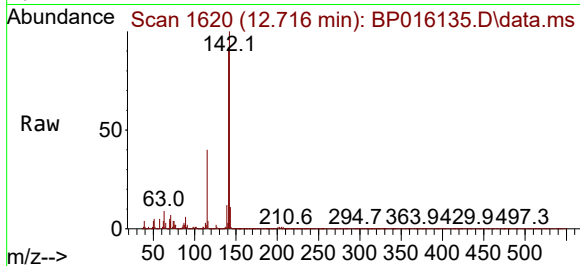




#37
1-Methylnaphthalene
Concen: 19.618 ng/ul
RT: 12.716 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

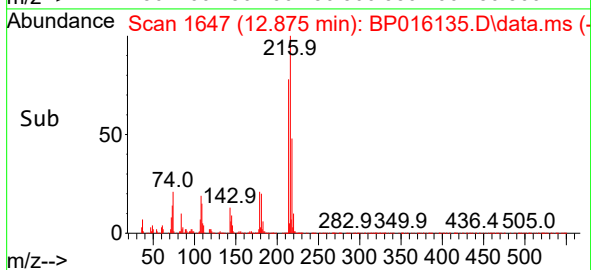
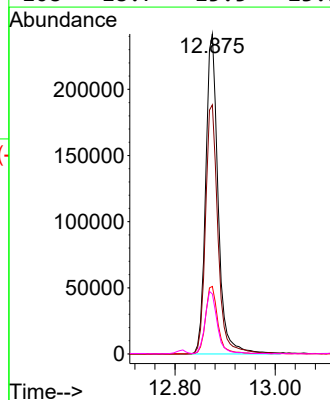
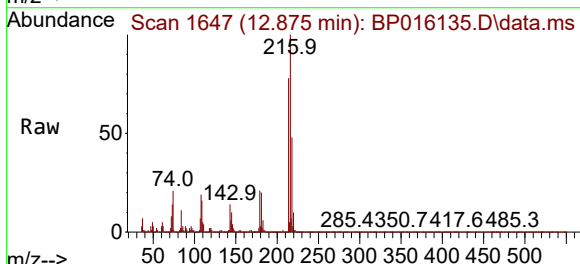
Instrument :
BNA_P
ClientSampleId :

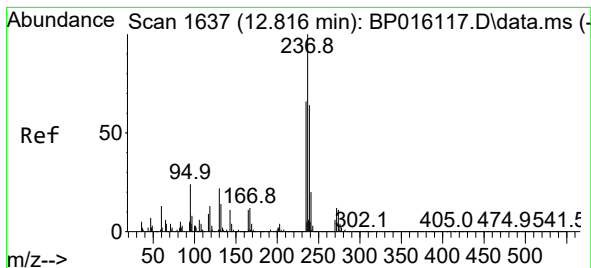
Tgt Ion:142 Resp: 785060
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7
116 4.1 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.000 ng/ul
RT: 12.875 min Scan# 1647
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion:216 Resp: 416383
Ion Ratio Lower Upper
216 100
214 77.9 62.4 93.6
179 21.1 17.6 26.4
108 18.7 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 14.496 ng/ul

RT: 12.816 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016135.D

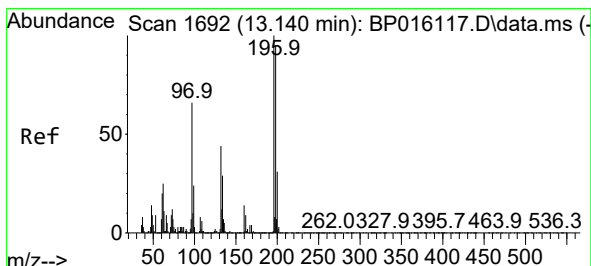
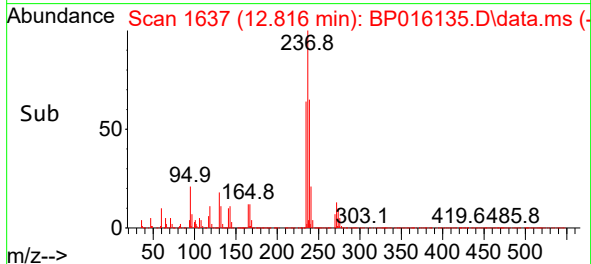
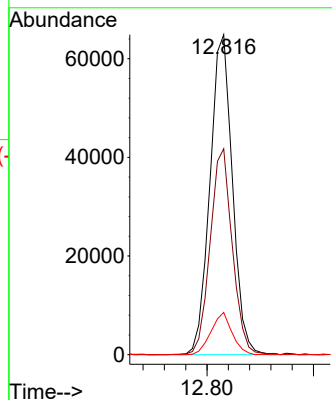
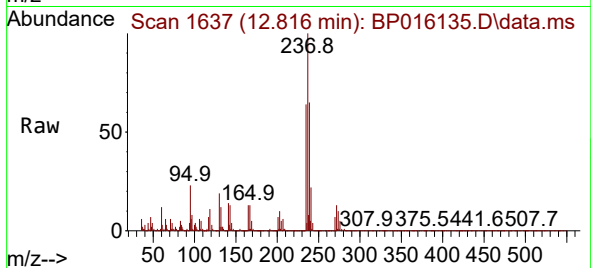
Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:237	Resp:	95037
Ion Ratio	Lower	Upper
237	100	
235	64.4	48.6 73.0
272	14.1	10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 18.672 ng/ul

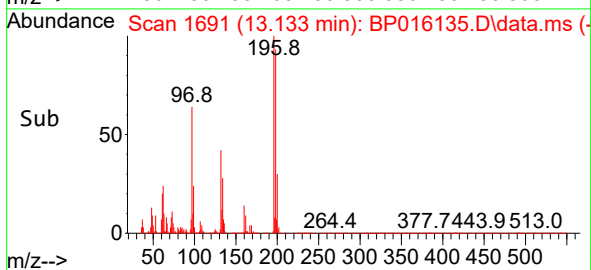
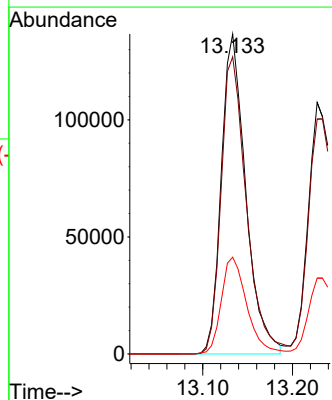
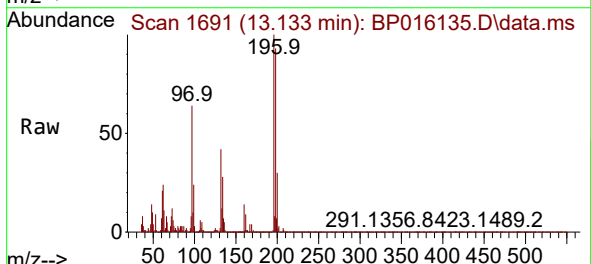
RT: 13.133 min Scan# 1691

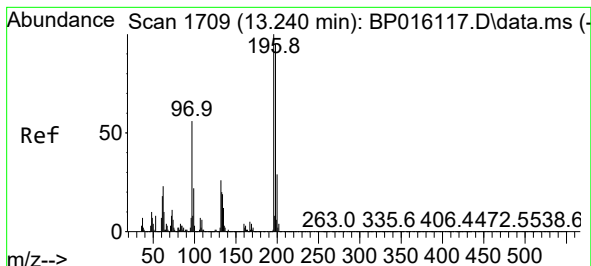
Delta R.T. -0.006 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Tgt Ion:196	Resp:	258607
Ion Ratio	Lower	Upper
196	100	
198	92.9	75.4 113.2
200	30.2	23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 18.152 ng/ul

RT: 13.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

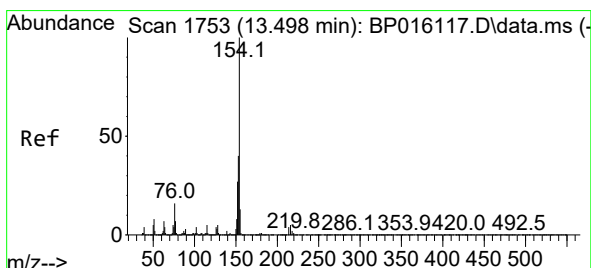
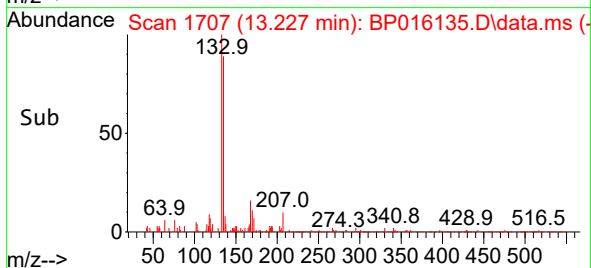
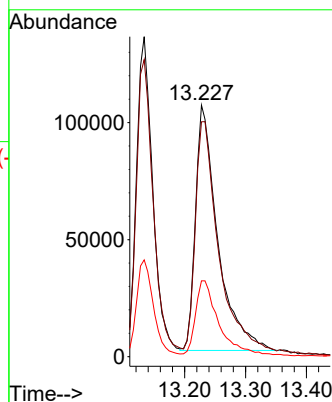
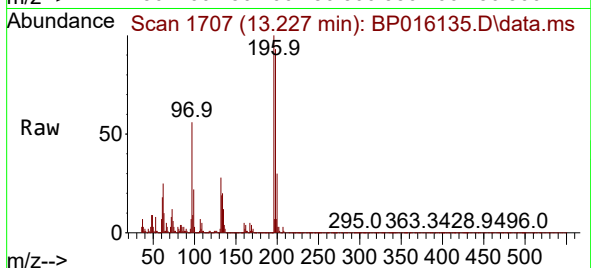
Tgt Ion:196 Resp: 266665

Ion Ratio Lower Upper

196 100

198 93.4 74.9 112.3

200 30.2 24.3 36.5



#43

1,1'-Biphenyl

Concen: 19.970 ng/ul

RT: 13.498 min Scan# 1753

Delta R.T. -0.018 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

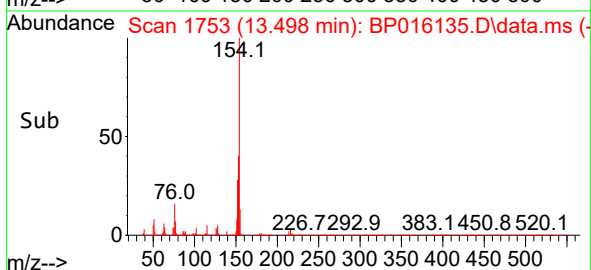
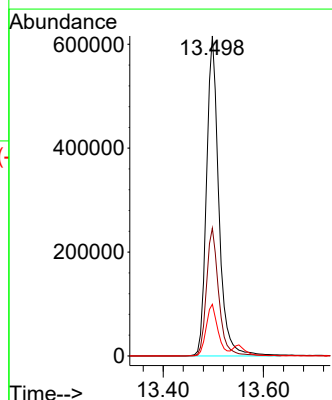
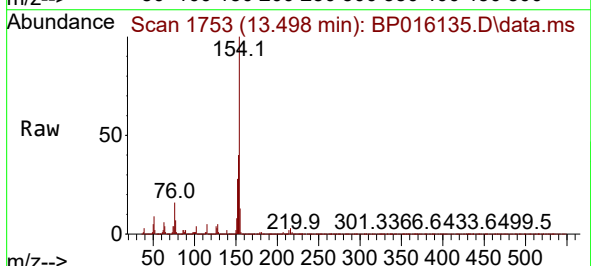
Tgt Ion:154 Resp: 1051957

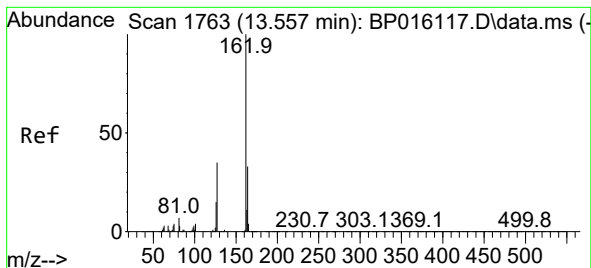
Ion Ratio Lower Upper

154 100

153 39.9 32.8 49.2

76 16.1 10.7 16.1#





#44

2-Chloronaphthalene

Concen: 19.751 ng/ul

RT: 13.551 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

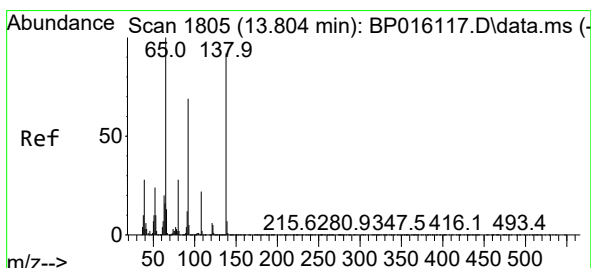
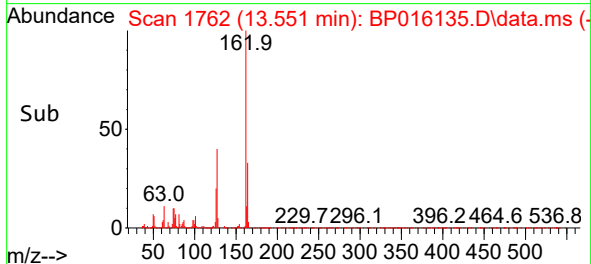
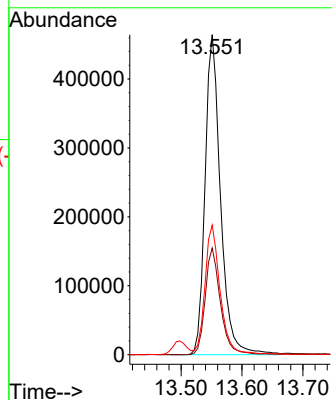
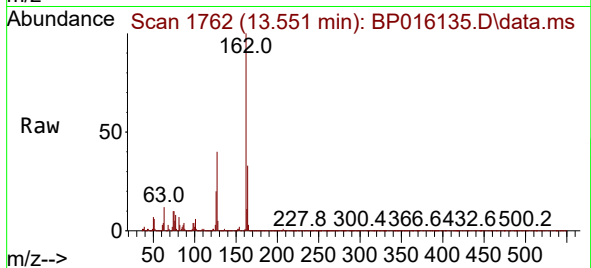
Tgt Ion:162 Resp: 819602

Ion Ratio Lower Upper

162 100

164 33.3 26.1 39.1

127 40.5 33.4 50.0



#45

2-Nitroaniline

Concen: 20.599 ng/ul

RT: 13.798 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

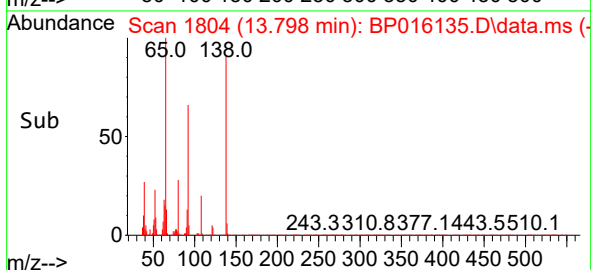
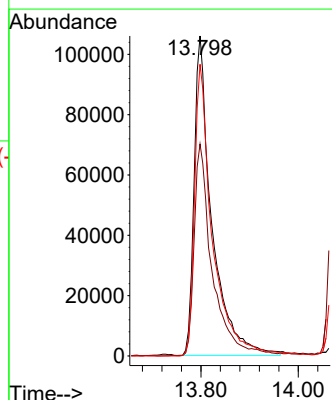
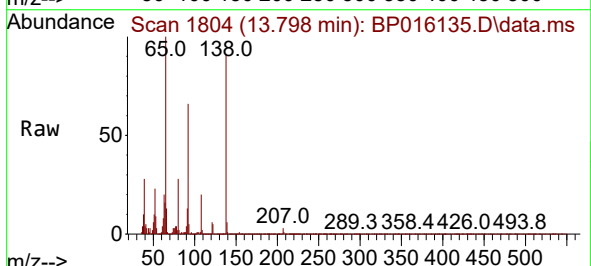
Tgt Ion: 65 Resp: 268954

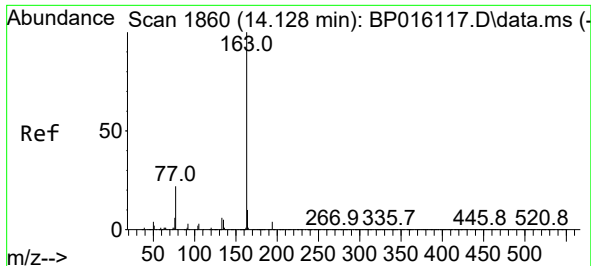
Ion Ratio Lower Upper

65 100

92 66.3 49.5 74.3

138 91.1 71.4 107.2

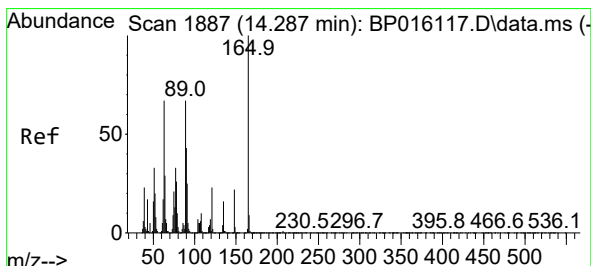
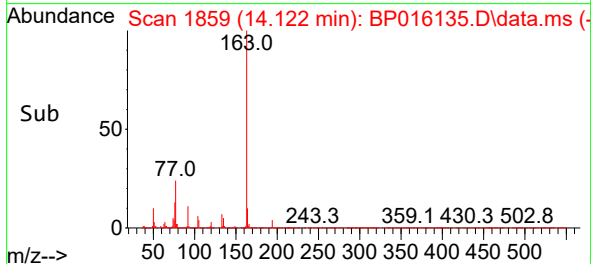
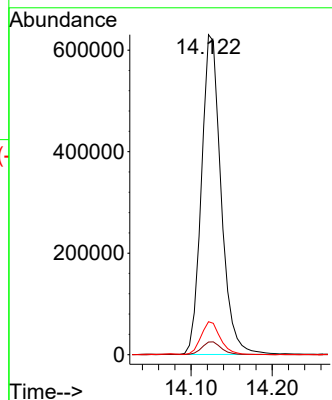
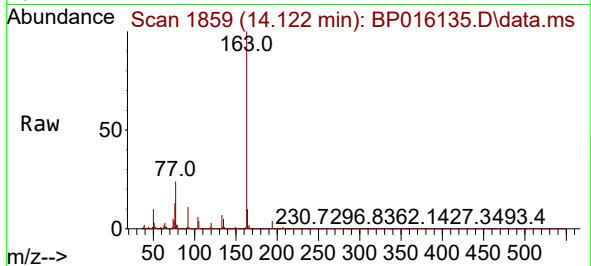




#47
Dimethylphthalate
Concen: 19.855 ng/ul
RT: 14.122 min Scan# 1859
Delta R.T. -0.018 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

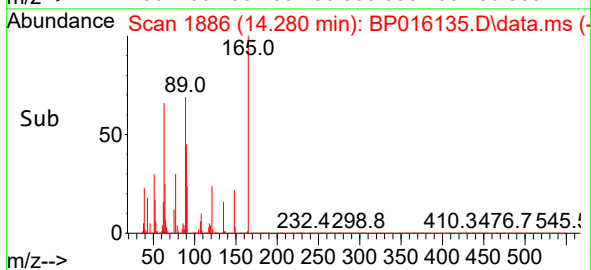
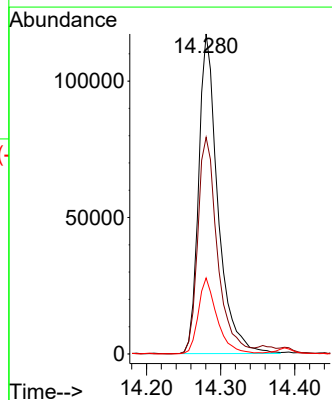
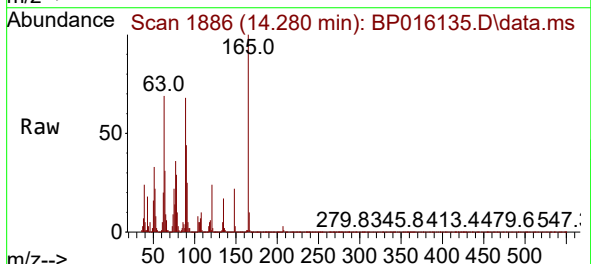
Instrument :
BNA_P
ClientSampleId :

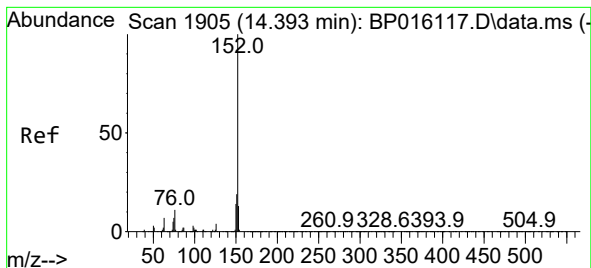
Tgt Ion:163 Resp: 1056256
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 19.574 ng/ul
RT: 14.280 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion:165 Resp: 211220
Ion Ratio Lower Upper
165 100
89 67.7 54.1 81.1
121 23.7 18.2 27.2





#50

Acenaphthylene

Concen: 20.361 ng/ul

RT: 14.386 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNP_P

ClientSampleId :

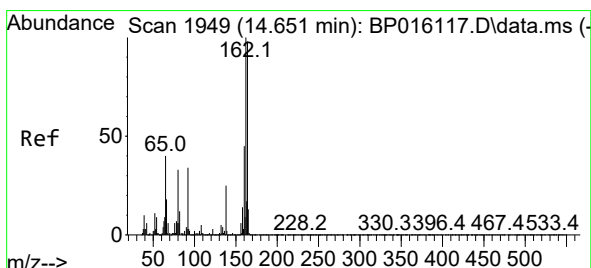
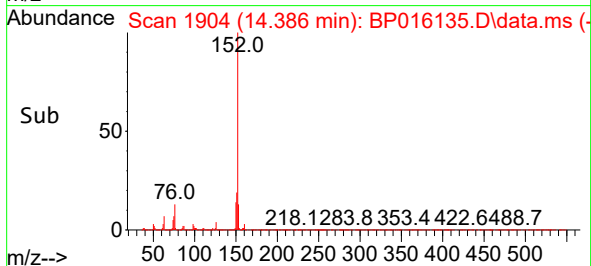
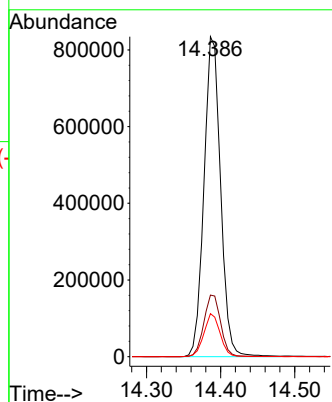
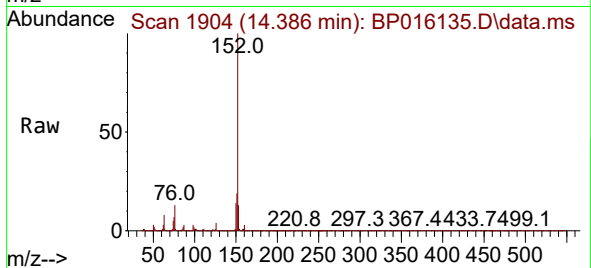
Tgt Ion:152 Resp: 1296352

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.2

153 13.4 10.5 15.7



#51

3-Nitroaniline

Concen: 14.722 ng/ul

RT: 14.645 min Scan# 1948

Delta R.T. 0.005 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

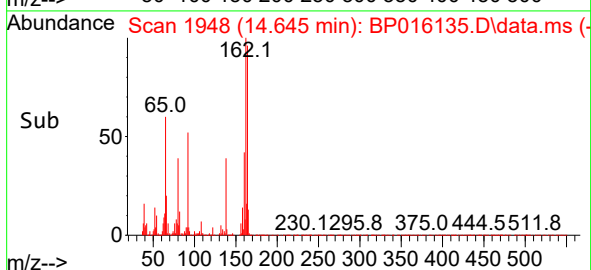
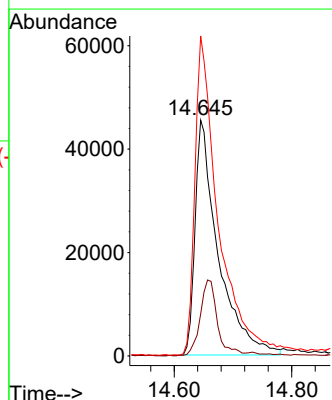
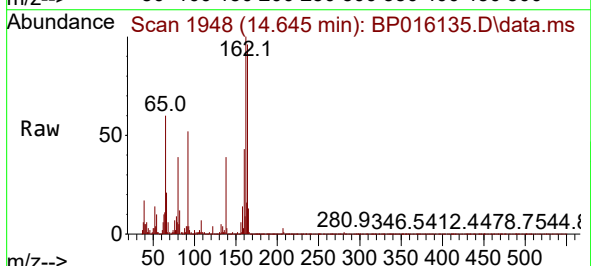
Tgt Ion:138 Resp: 124575

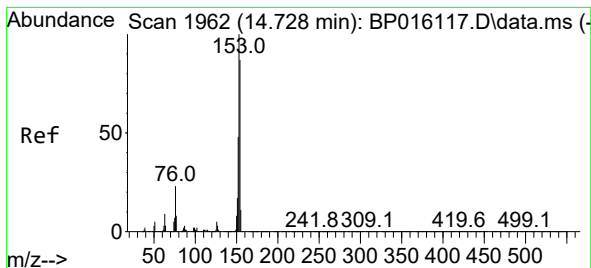
Ion Ratio Lower Upper

138 100

108 17.8 9.1 13.7#

92 135.7 96.8 145.2





#52

Acenaphthene

Concen: 20.307 ng/ul

RT: 14.727 min Scan# 1962

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

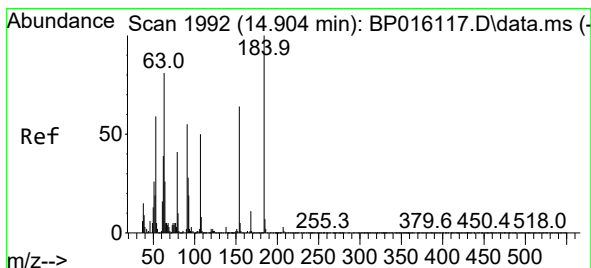
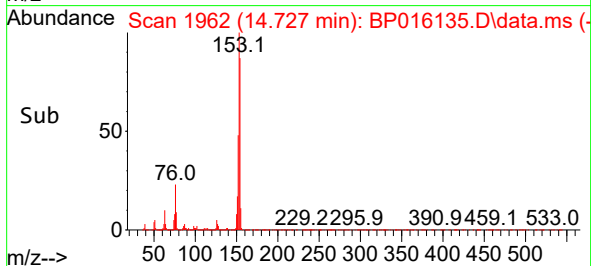
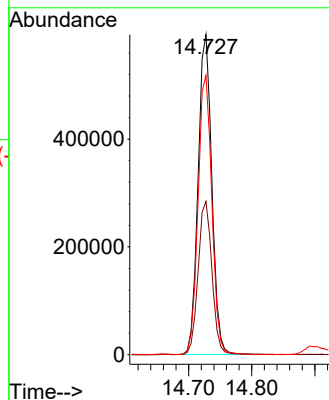
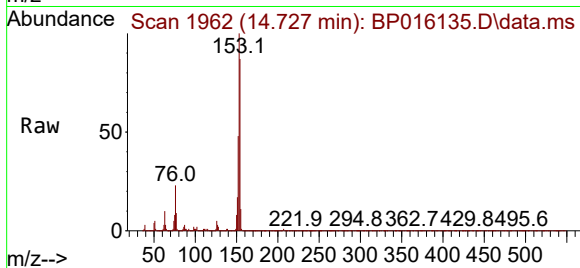
Tgt Ion:153 Resp: 896553

Ion Ratio Lower Upper

153 100

152 47.9 39.4 59.2

154 87.3 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 12.406 ng/ul

RT: 14.898 min Scan# 1991

Delta R.T. 0.017 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

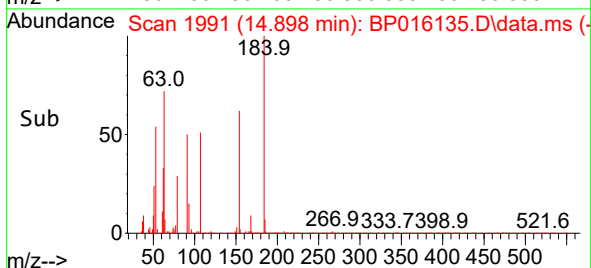
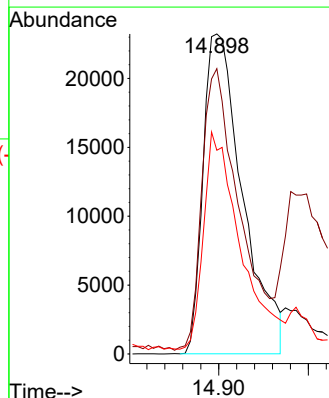
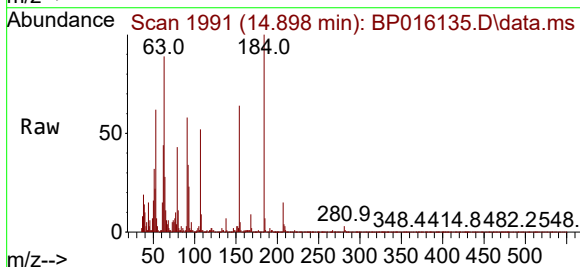
Tgt Ion:184 Resp: 71025

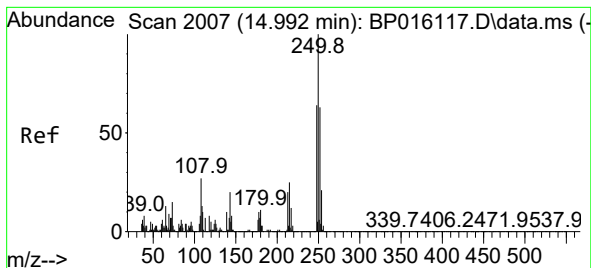
Ion Ratio Lower Upper

184 100

63 89.2 71.4 107.0

154 63.7 61.1 91.7





#55

4-Nitrophenol

Concen: 14.003 ng/ul

RT: 14.992 min Scan# 2007

Delta R.T. 0.011 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

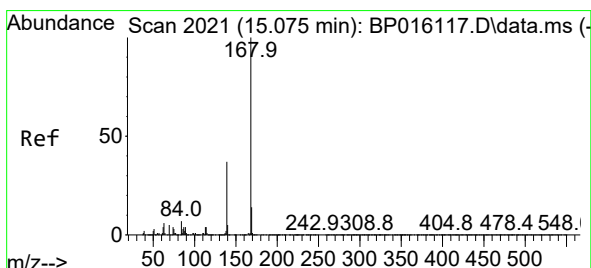
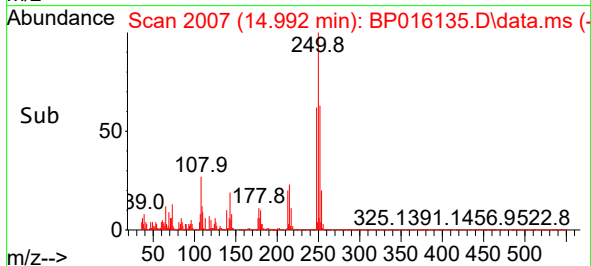
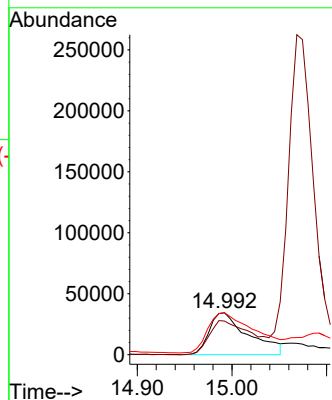
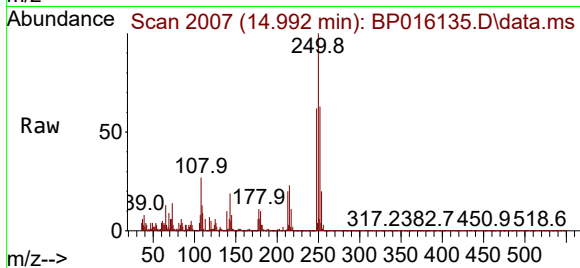
Tgt Ion:109 Resp: 98433

Ion Ratio Lower Upper

109 100

139 80.4 81.3 121.9#

65 100.1 99.9 149.9



#56

Dibenzofuran

Concen: 20.238 ng/ul

RT: 15.074 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BP016135.D

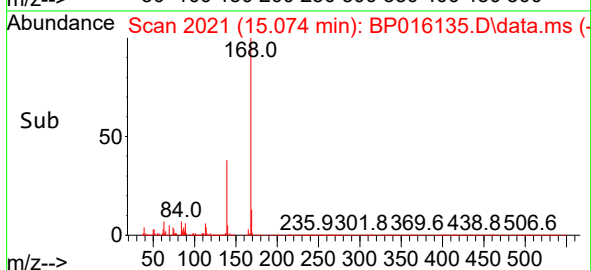
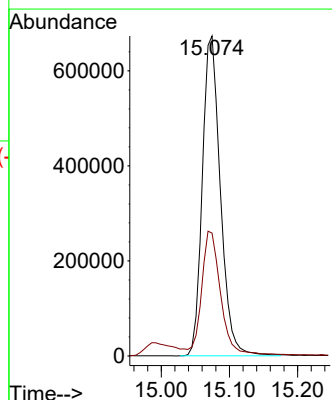
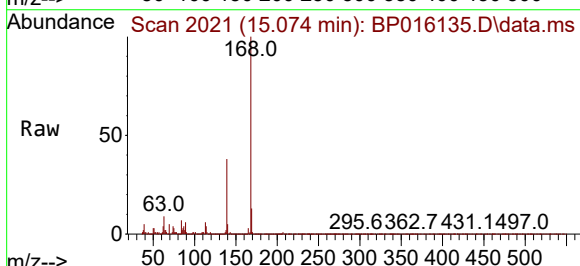
Acq: 09 Jul 2023 16:48

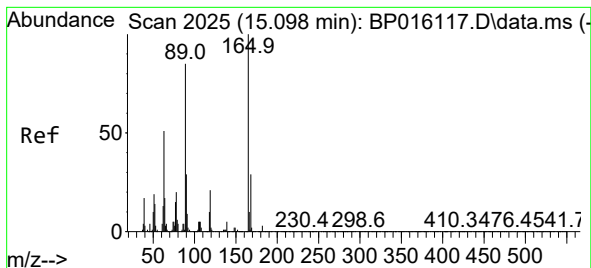
Tgt Ion:168 Resp: 1240393

Ion Ratio Lower Upper

168 100

139 38.4 32.2 48.4





#57

2,4-Dinitrotoluene

Concen: 20.448 ng/ul

RT: 15.092 min Scan# 20

Delta R.T. -0.000 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

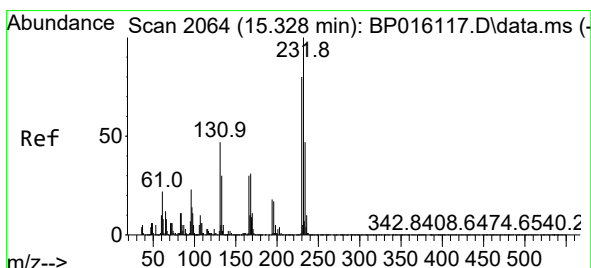
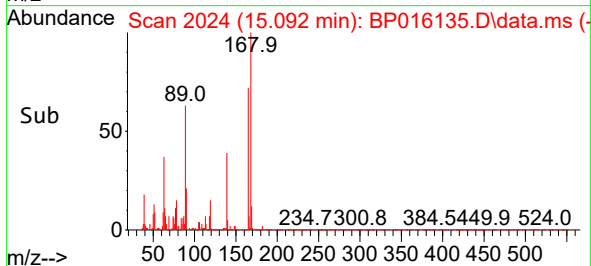
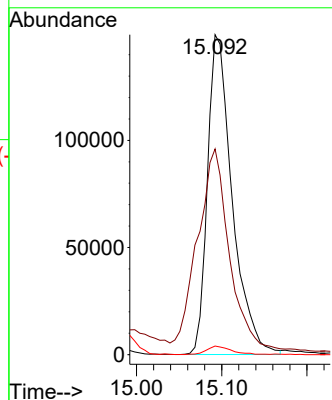
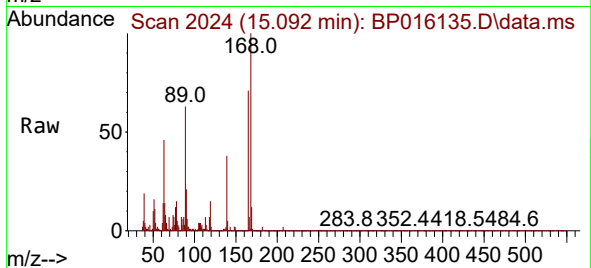
Tgt Ion:165 Resp: 300694

Ion Ratio Lower Upper

165 100

63 64.3 56.8 85.2

182 2.7 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.760 ng/ul

RT: 15.321 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Tgt Ion:232 Resp: 236716

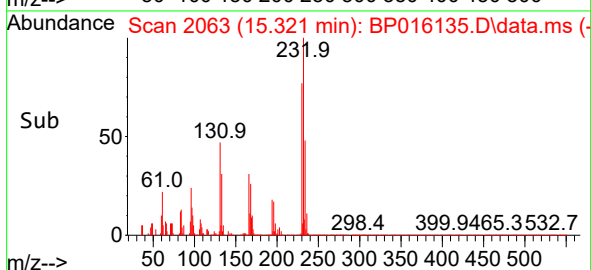
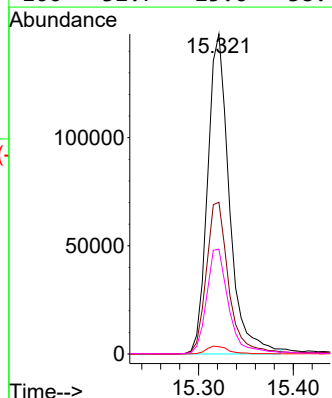
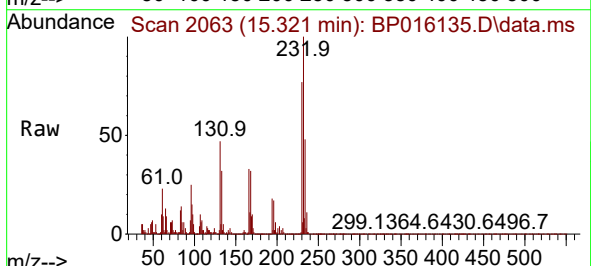
Ion Ratio Lower Upper

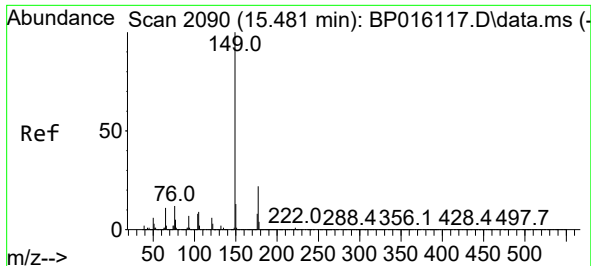
232 100

131 47.4 38.2 57.2

130 2.2 2.2 3.2

166 32.7 25.6 38.4

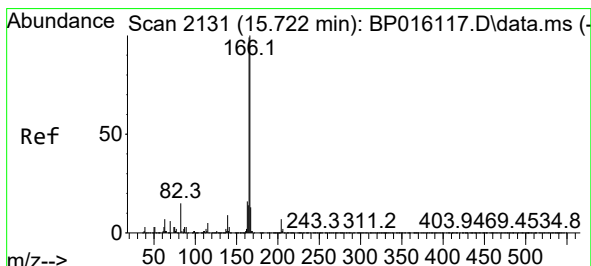
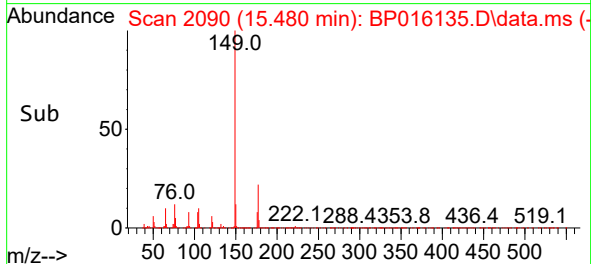
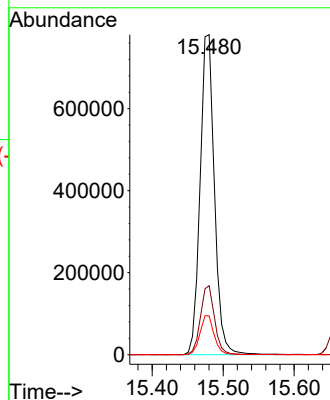
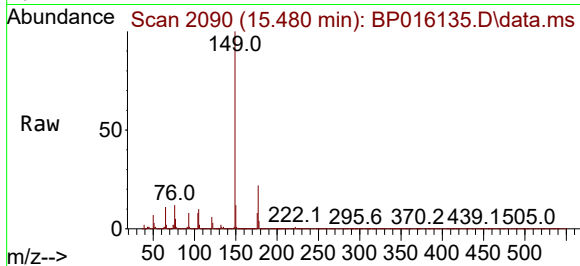




#59
Diethylphthalate
Concen: 20.363 ng/ul
RT: 15.480 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

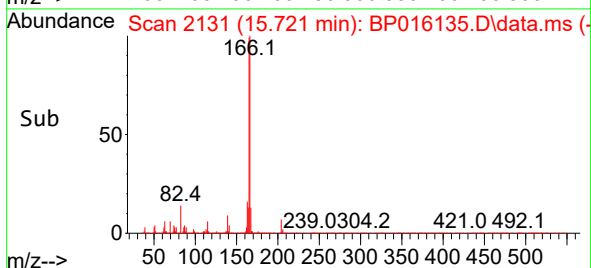
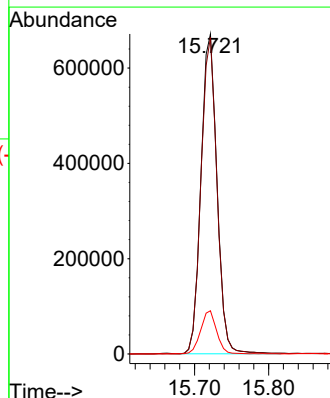
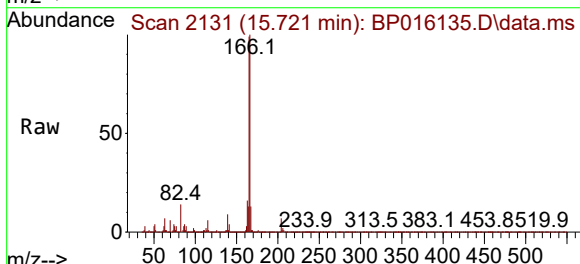
Instrument :
BNA_P
ClientSampleId :

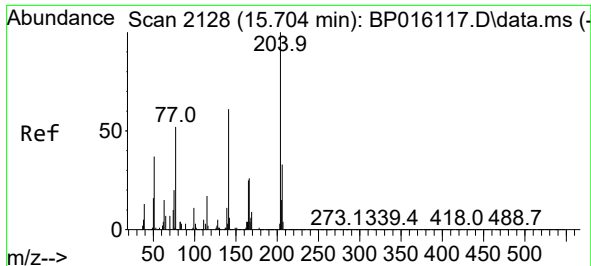
Tgt Ion:149 Resp: 1096202
Ion Ratio Lower Upper
149 100
177 21.5 16.8 25.2
150 12.1 10.3 15.5



#61
Fluorene
Concen: 20.210 ng/ul
RT: 15.721 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion:166 Resp: 1004731
Ion Ratio Lower Upper
166 100
165 99.0 78.7 118.1
167 13.5 10.5 15.7

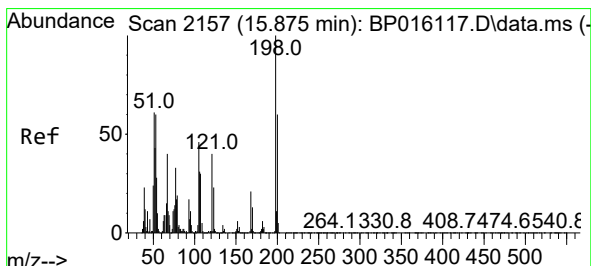
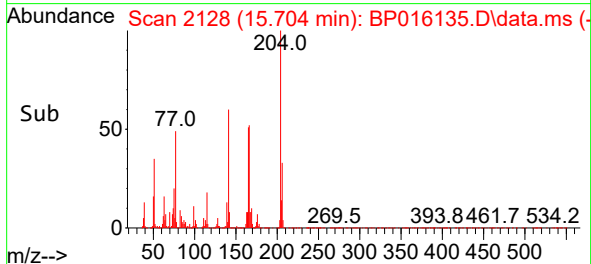
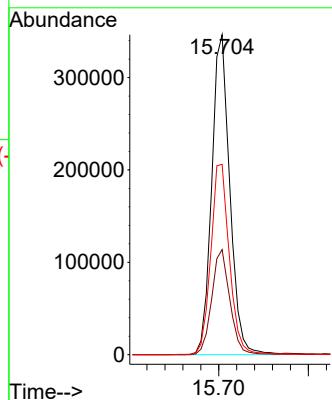
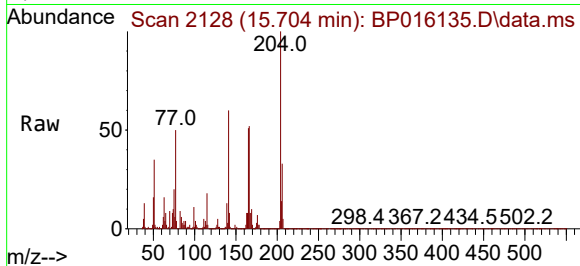




#62
4-Chlorophenyl-phenylether
Concen: 19.071 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

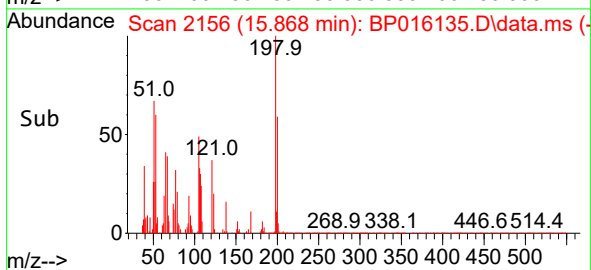
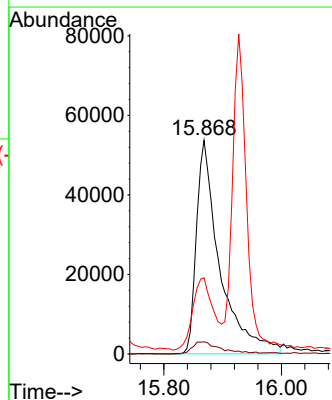
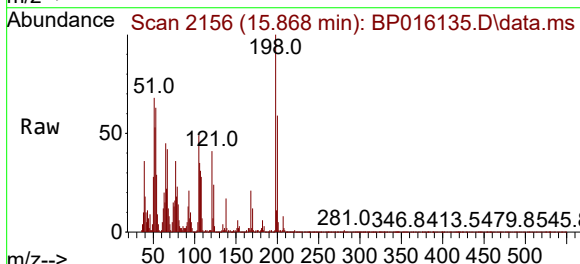
Instrument :
BNA_P
ClientSampleId :

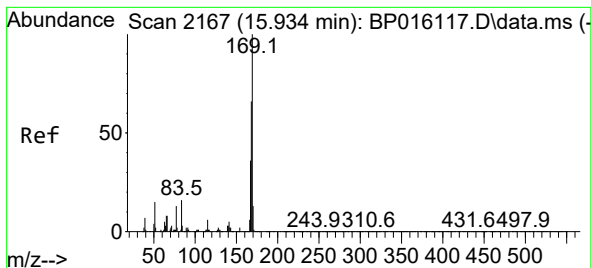
Tgt Ion:204 Resp: 485130
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 59.5 51.8 77.8



#66
4,6-Dinitro-2-methylphenol
Concen: 16.376 ng/ul
RT: 15.868 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion:198 Resp: 147974
Ion Ratio Lower Upper
198 100
182 5.7 3.4 5.2#
77 35.6 24.4 36.6





#67

N-Nitrosodiphenylamine

Concen: 19.253 ng/ul

RT: 15.927 min Scan# 2166

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

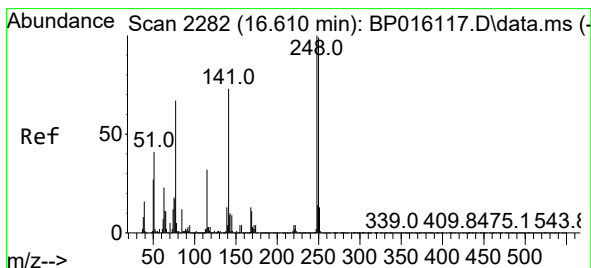
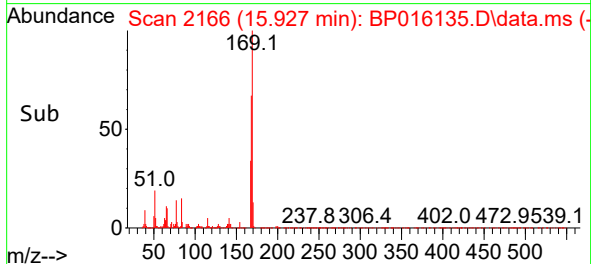
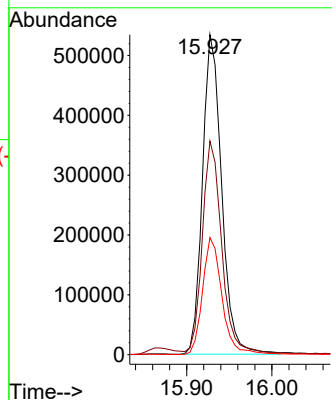
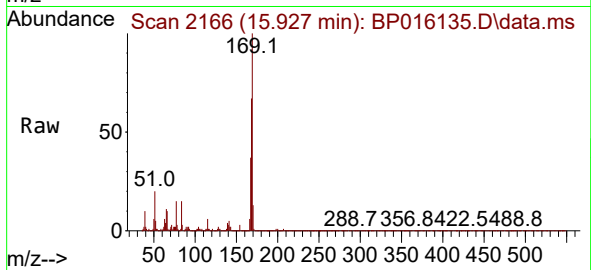
Tgt Ion:169 Resp: 837012

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.4

167 36.6 29.7 44.5



#68

4-Bromophenyl-phenylether

Concen: 18.043 ng/ul

RT: 16.604 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

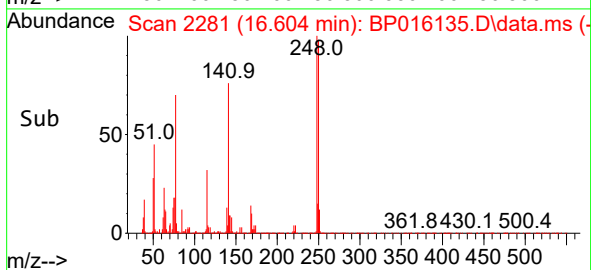
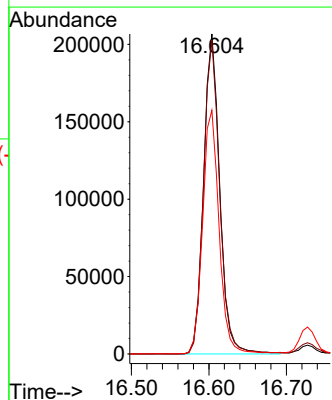
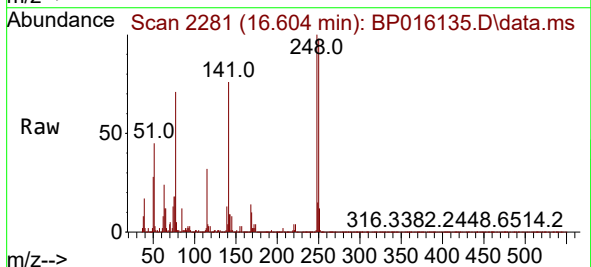
Tgt Ion:248 Resp: 299218

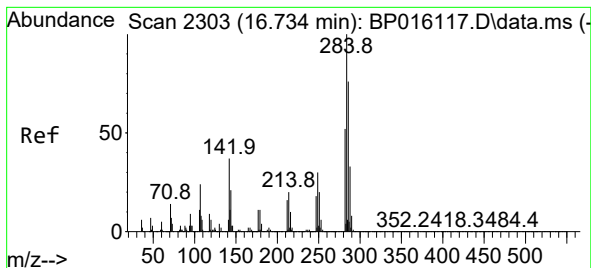
Ion Ratio Lower Upper

248 100

250 98.1 84.6 126.8

141 76.1 67.8 101.6





#69

Hexachlorobenzene

Concen: 18.137 ng/ul

RT: 16.727 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

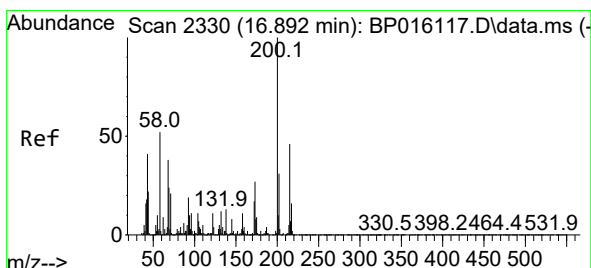
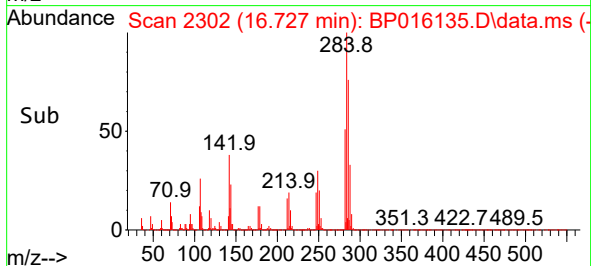
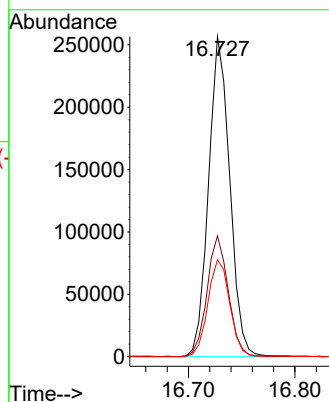
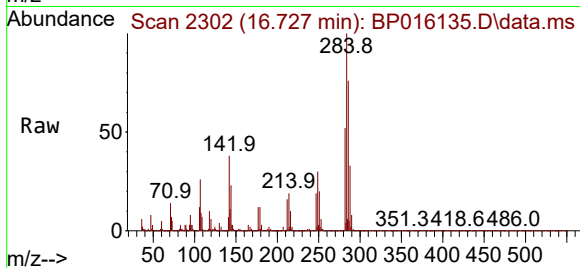
Tgt Ion:284 Resp: 354899

Ion Ratio Lower Upper

284 100

142 37.8 27.8 41.8

249 30.3 26.1 39.1



#70

Atrazine

Concen: 18.133 ng/ul

RT: 16.892 min Scan# 2330

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

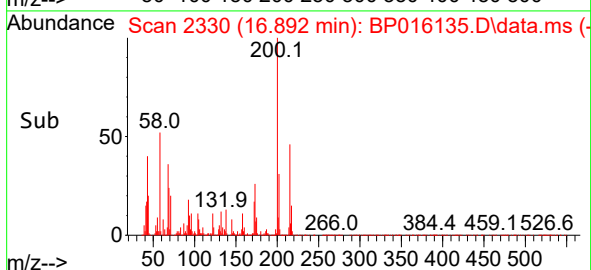
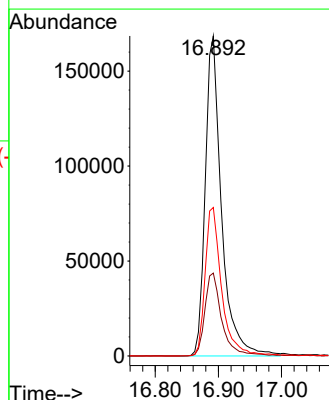
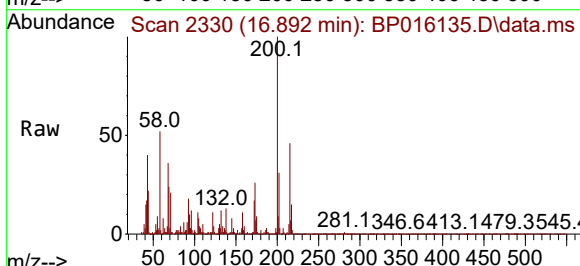
Tgt Ion:200 Resp: 301753

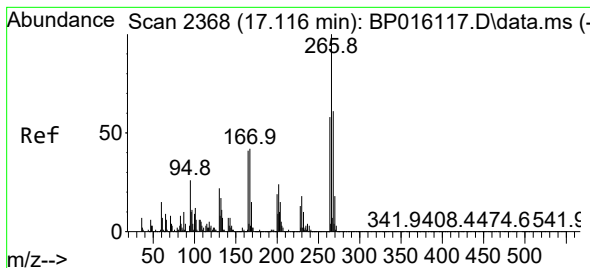
Ion Ratio Lower Upper

200 100

173 25.9 19.8 29.8

215 46.4 36.8 55.2





#71

Pentachlorophenol

Concen: 14.805 ng/ul

RT: 17.110 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

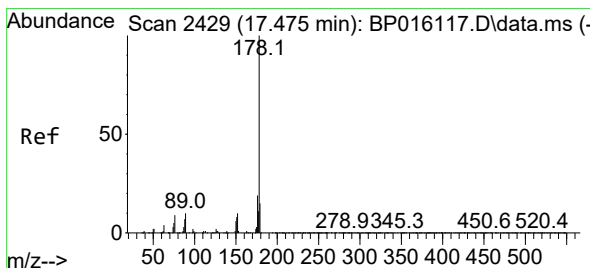
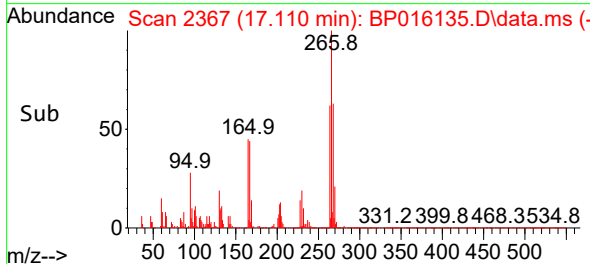
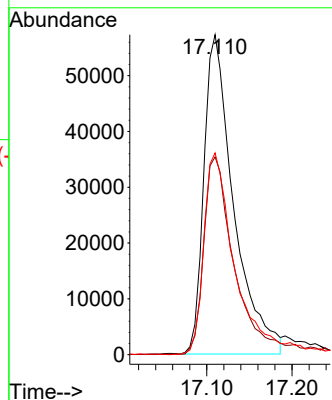
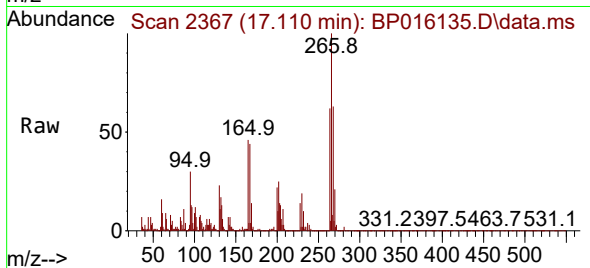
Tgt Ion:266 Resp: 139042

Ion Ratio Lower Upper

266 100

264 61.8 53.4 80.2

268 63.1 51.4 77.2



#72

Phenanthrene

Concen: 20.162 ng/ul

RT: 17.474 min Scan# 2429

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

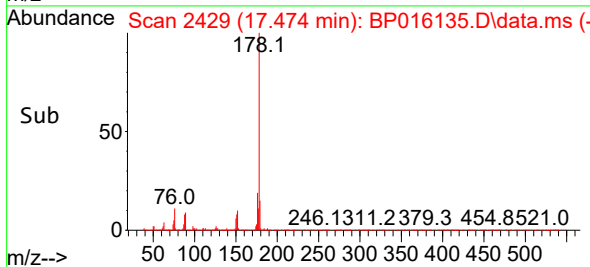
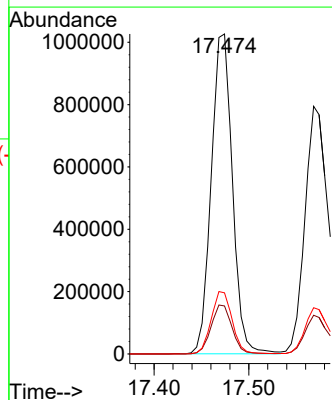
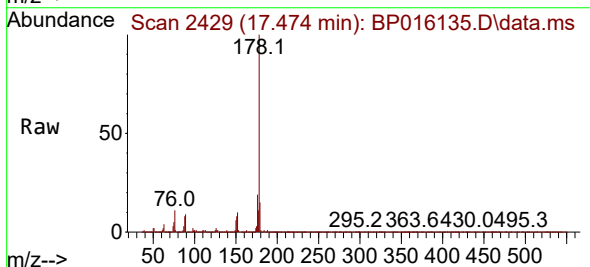
Tgt Ion:178 Resp: 1590593

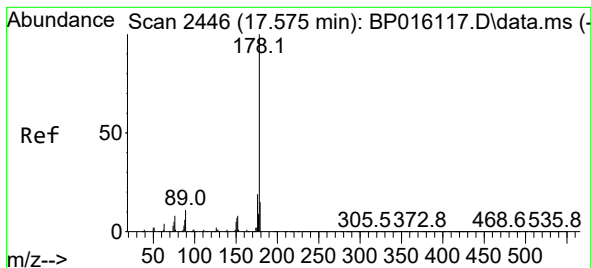
Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

176 19.1 15.6 23.4





#74

Anthracene

Concen: 20.051 ng/uI

RT: 17.568 min Scan# 2446

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

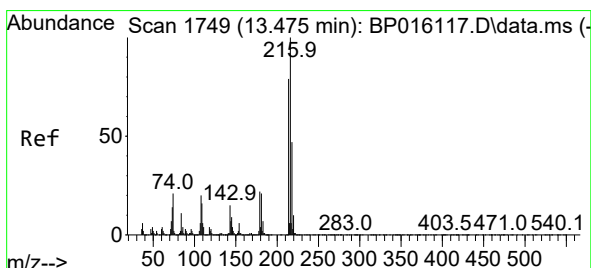
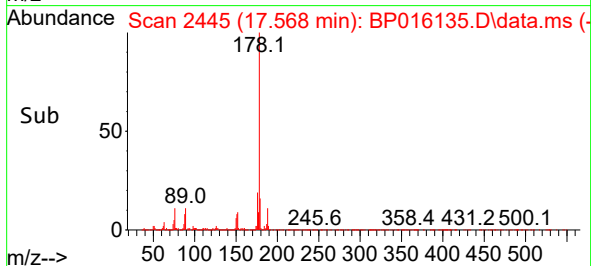
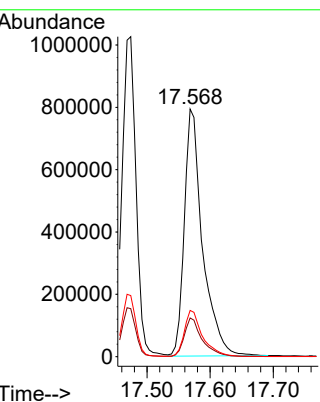
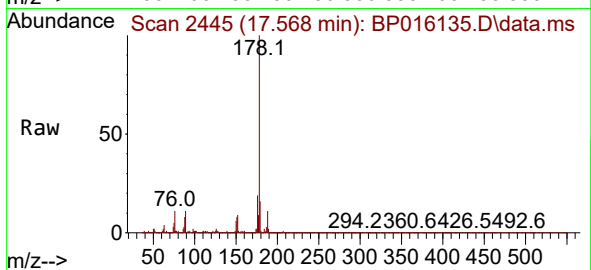
Tgt Ion:178 Resp: 1589525

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 18.7 14.6 22.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 17.990 ng/uI

RT: 13.469 min Scan# 1748

Delta R.T. -0.018 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

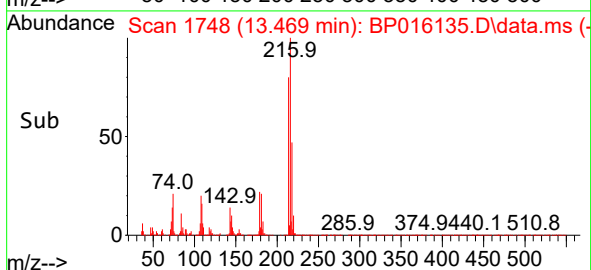
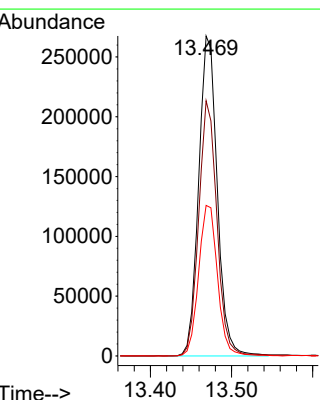
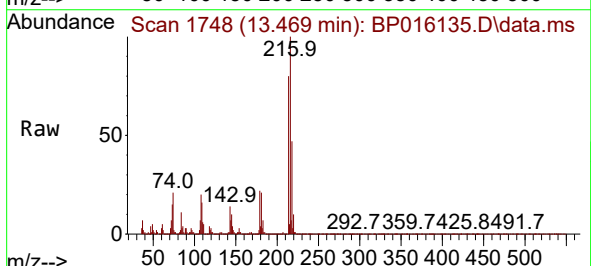
Tgt Ion:216 Resp: 425121

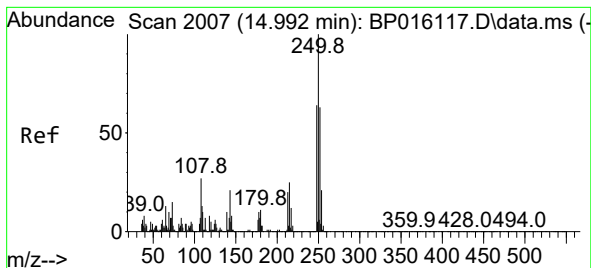
Ion Ratio Lower Upper

216 100

214 79.8 62.0 93.0

218 47.0 38.4 57.6





#76

Pentachlorobenzene

Concen: 17.835 ng/uL

RT: 14.992 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

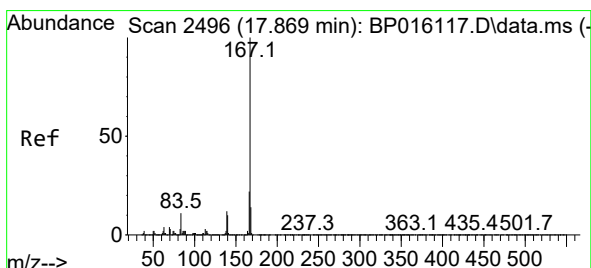
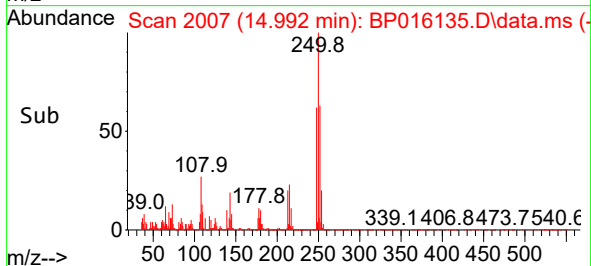
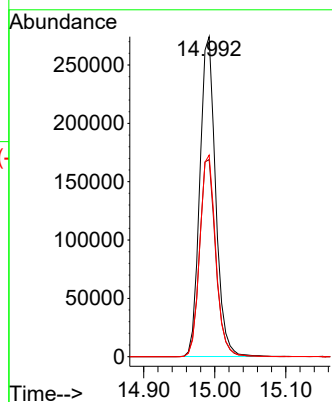
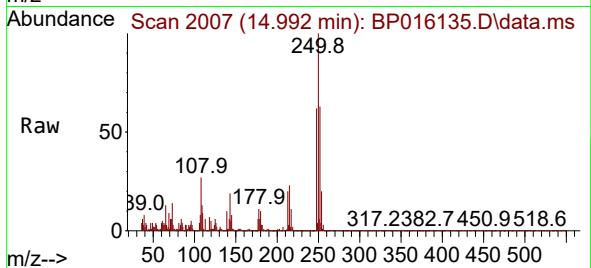
Tgt Ion:250 Resp: 425342

Ion Ratio Lower Upper

250 100

248 61.6 50.7 76.1

252 63.0 51.2 76.8



#77

Carbazole

Concen: 21.024 ng/uL

RT: 17.868 min Scan# 2496

Delta R.T. -0.000 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

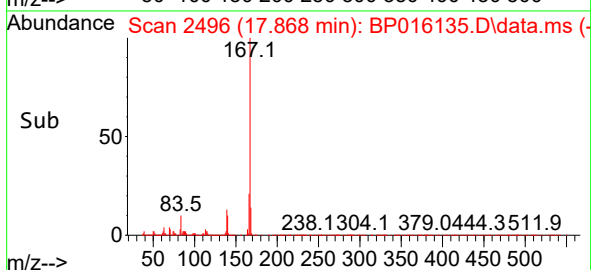
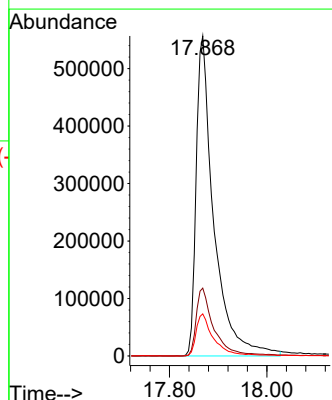
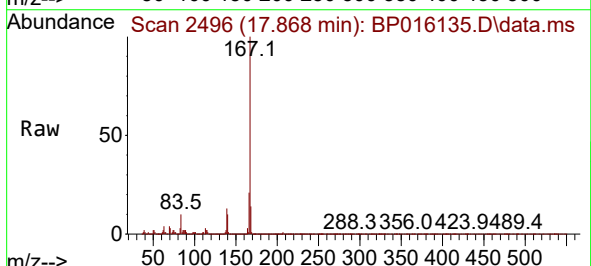
Tgt Ion:167 Resp: 1404725

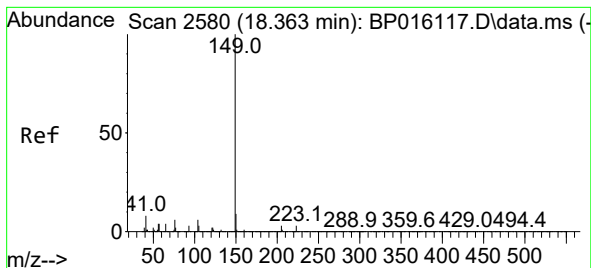
Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

139 13.2 11.0 16.4





#78

Di-n-butylphthalate

Concen: 21.024 ng/ul

RT: 18.357 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

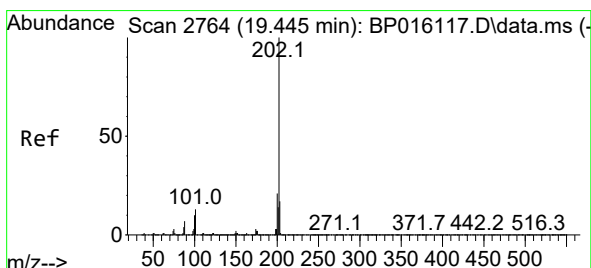
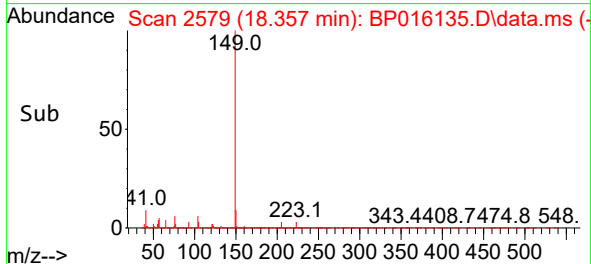
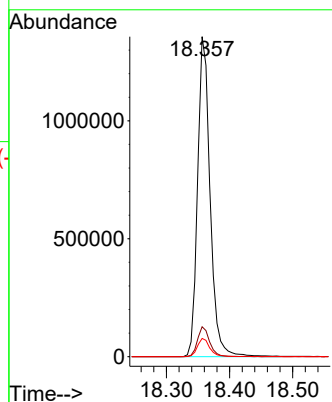
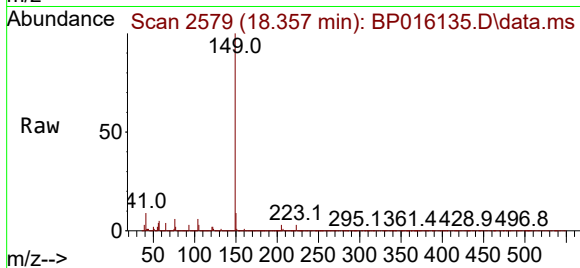
Tgt Ion:149 Resp: 1862293

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.7 4.6 7.0



#80

Fluoranthene

Concen: 17.998 ng/ul

RT: 19.445 min Scan# 2764

Delta R.T. -0.006 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

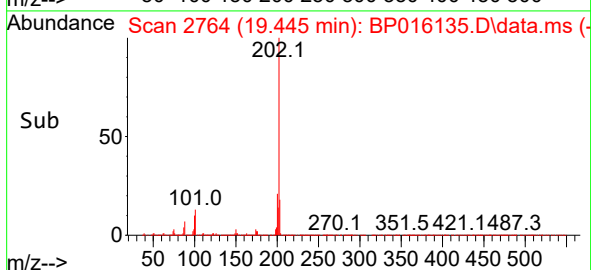
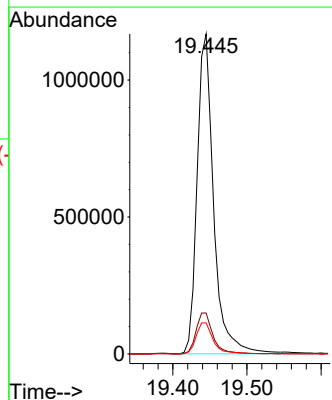
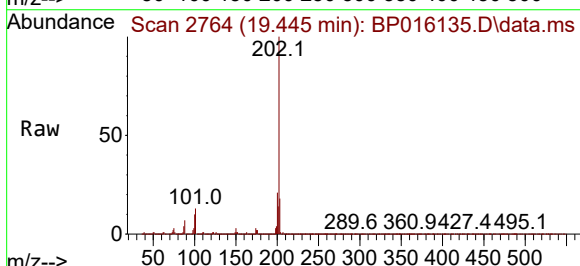
Tgt Ion:202 Resp: 1804900

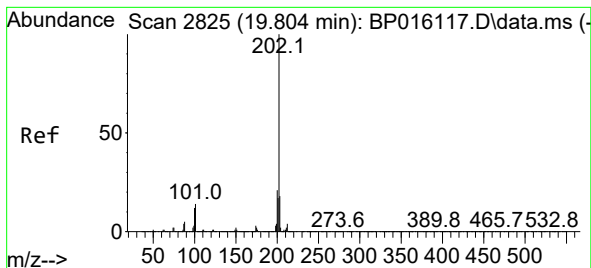
Ion Ratio Lower Upper

202 100

101 12.8 8.3 12.5#

100 9.7 6.6 9.8





#82

Pyrene

Concen: 18.335 ng/ul

RT: 19.798 min Scan# 2824

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

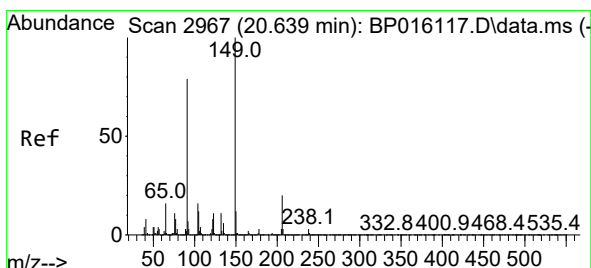
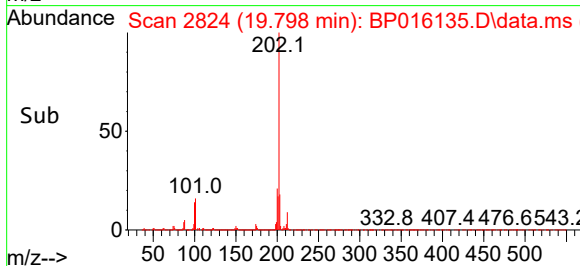
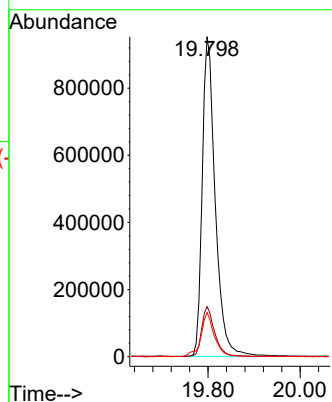
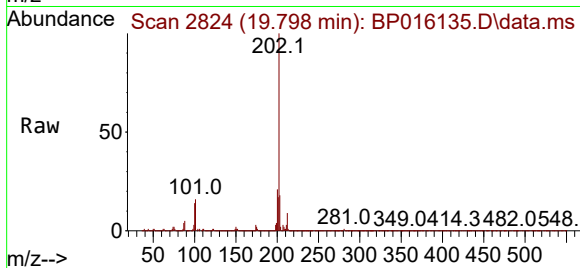
Tgt Ion:202 Resp: 1875640

Ion Ratio Lower Upper

202 100

101 15.6 9.3 13.9#

100 13.8 7.6 11.4#



#83

Butylbenzylphthalate

Concen: 19.912 ng/ul

RT: 20.639 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

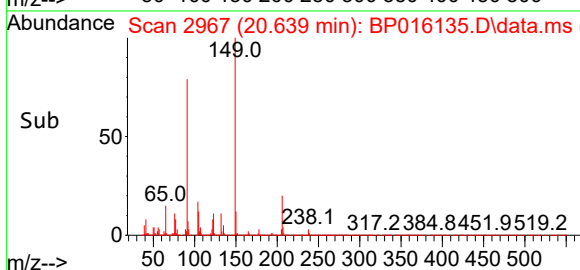
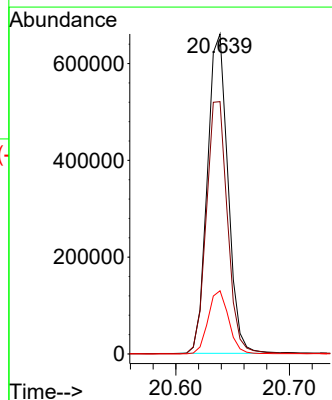
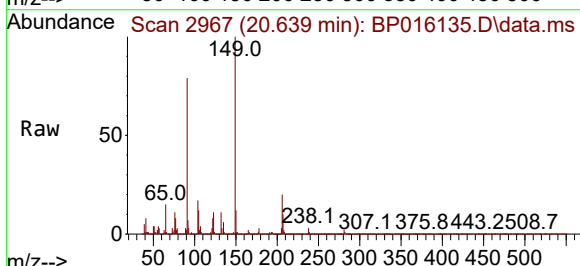
Tgt Ion:149 Resp: 831001

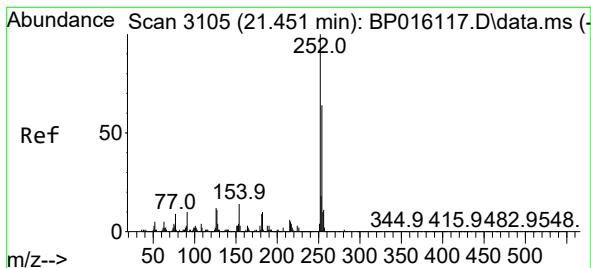
Ion Ratio Lower Upper

149 100

91 78.8 59.8 89.6

206 19.8 16.4 24.6





#84

3,3'-Dichlorobenzidine

Concen: 17.394 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

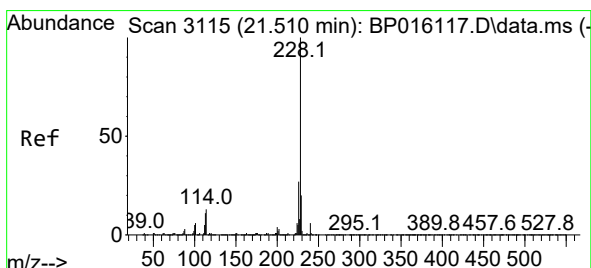
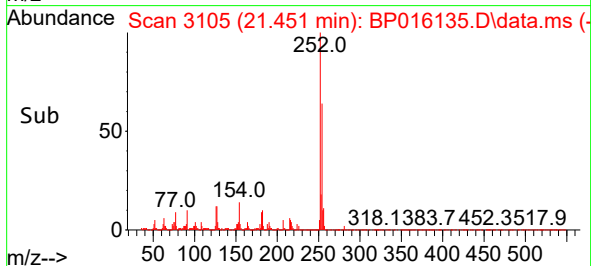
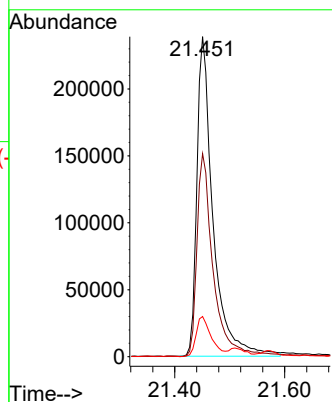
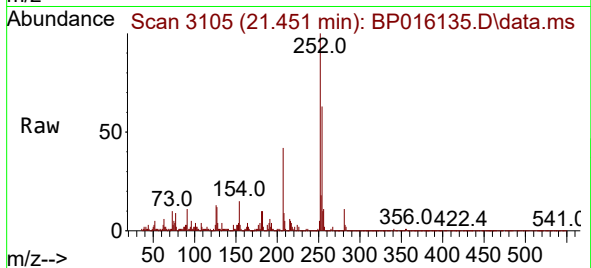
Tgt Ion:252 Resp: 485892

Ion Ratio Lower Upper

252 100

254 63.5 51.0 76.6

126 12.6 8.6 13.0



#85

Benzo(a)anthracene

Concen: 18.995 ng/ul

RT: 21.509 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

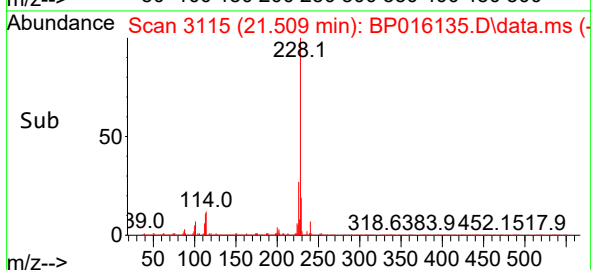
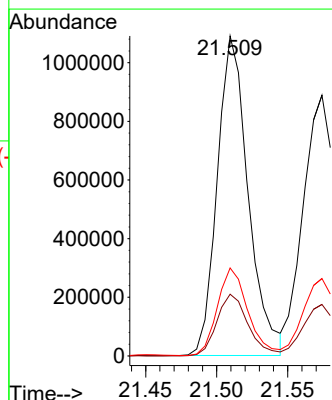
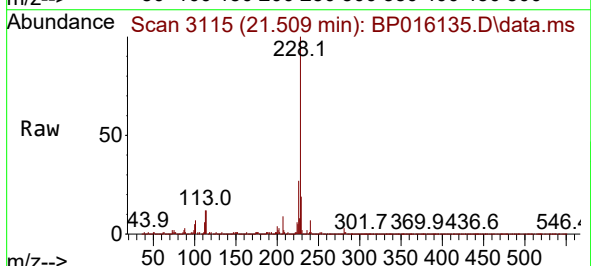
Tgt Ion:228 Resp: 1651206

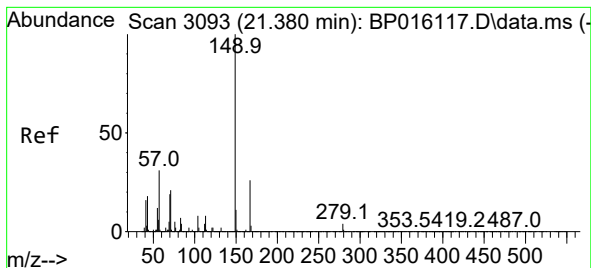
Ion Ratio Lower Upper

228 100

229 19.3 15.3 22.9

226 27.5 21.4 32.0

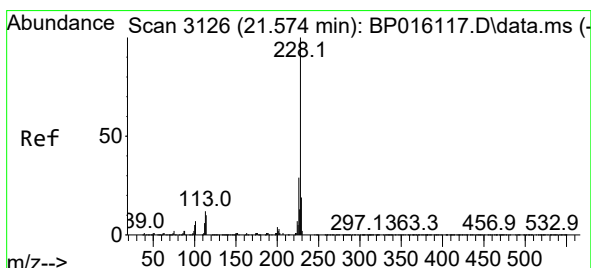
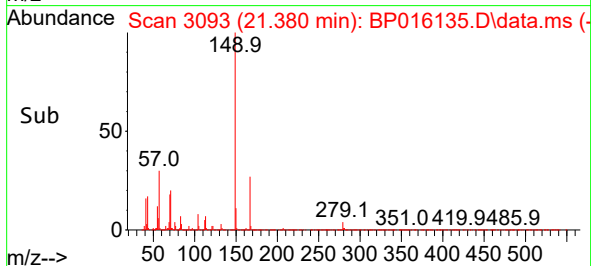
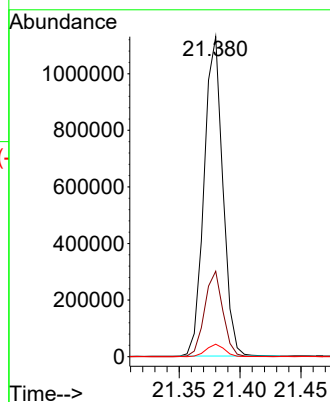
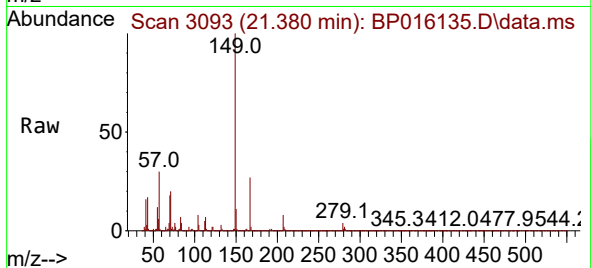




#86
Bis(2-ethylhexyl)phthalate
Concen: 20.987 ng/ul
RT: 21.380 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

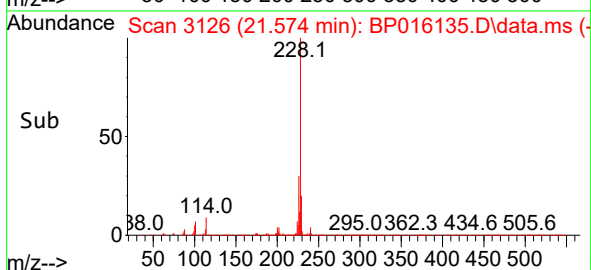
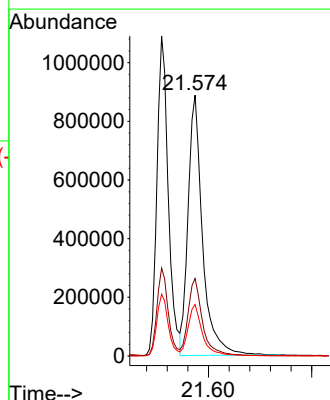
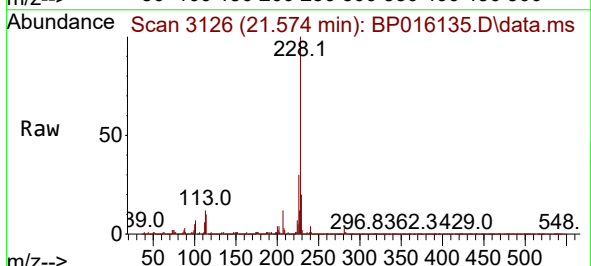
Instrument :
BNA_P
ClientSampleId :

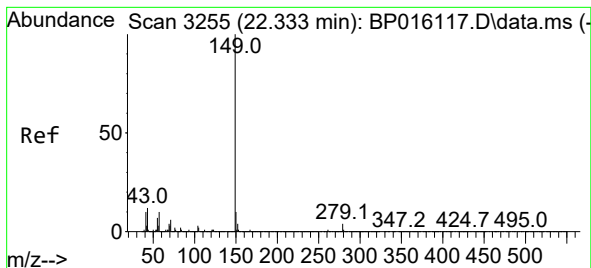
Tgt Ion:149 Resp: 1203718
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.6
279 3.9 3.8 5.6



#87
Chrysene
Concen: 20.935 ng/ul
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP016135.D
Acq: 09 Jul 2023 16:48

Tgt Ion:228 Resp: 1726627
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 19.8 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 21.611 ng/ul

RT: 22.333 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP016135.D

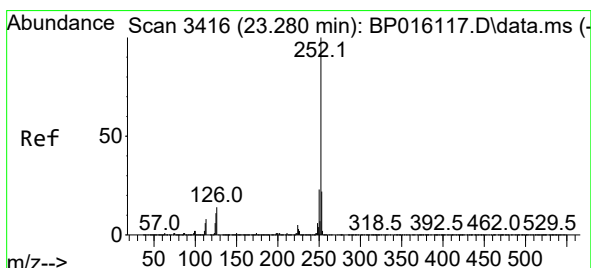
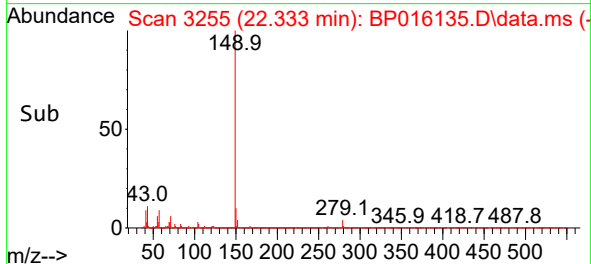
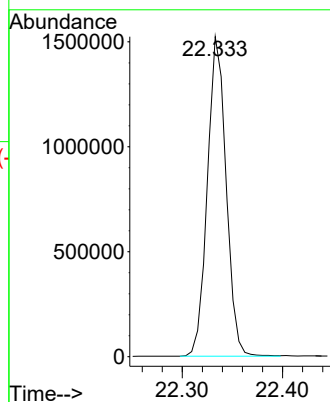
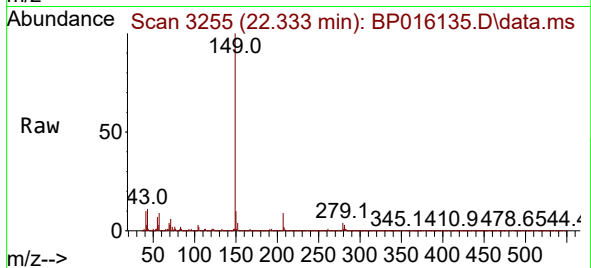
Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 1974434



#90

Benzo(b)fluoranthene

Concen: 19.159 ng/ul

RT: 23.280 min Scan# 3416

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

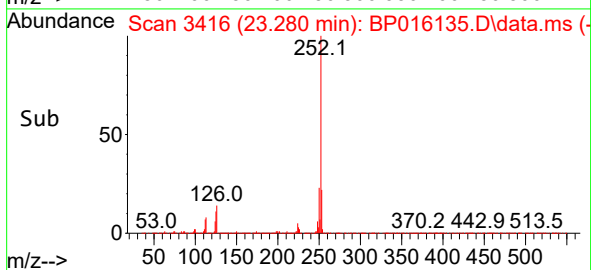
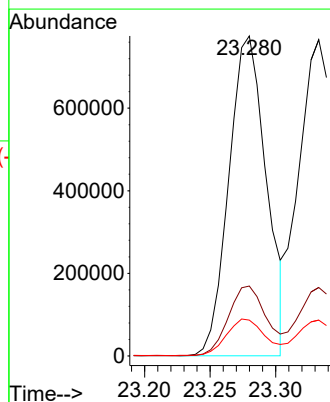
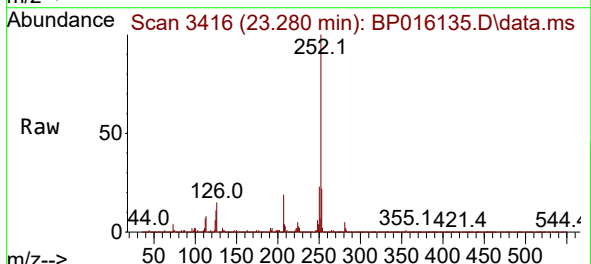
Tgt Ion:252 Resp: 1538957

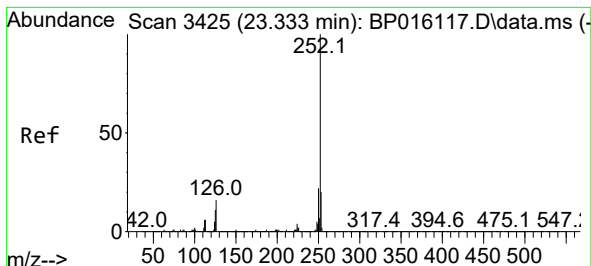
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.2 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 20.993 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. -0.006 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

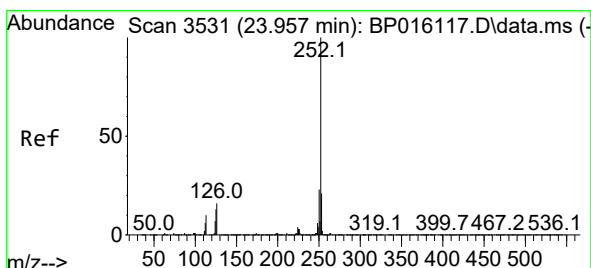
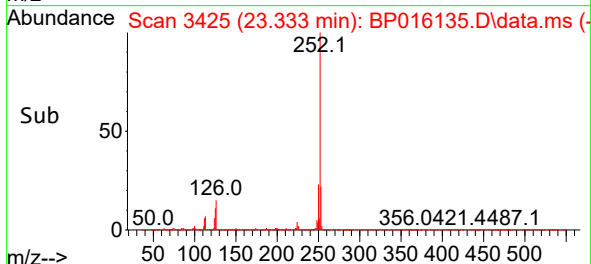
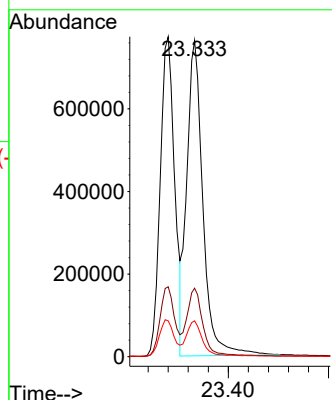
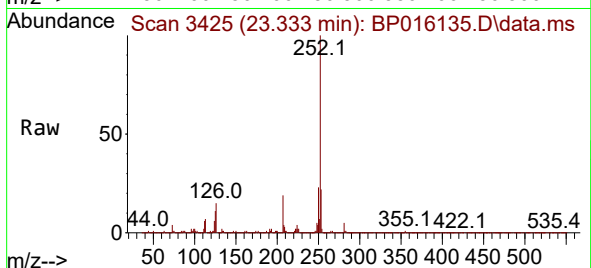
Tgt Ion:252 Resp: 1703736

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 11.4 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 19.671 ng/ul

RT: 23.956 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

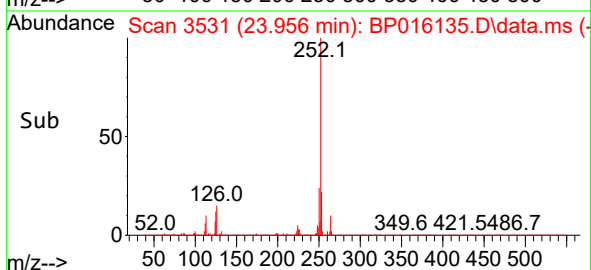
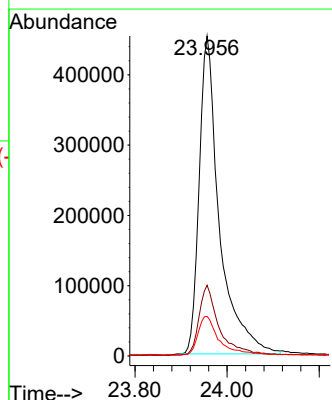
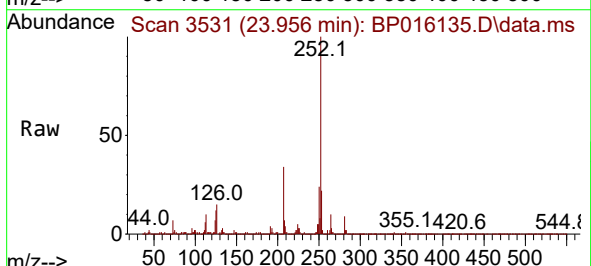
Tgt Ion:252 Resp: 1380653

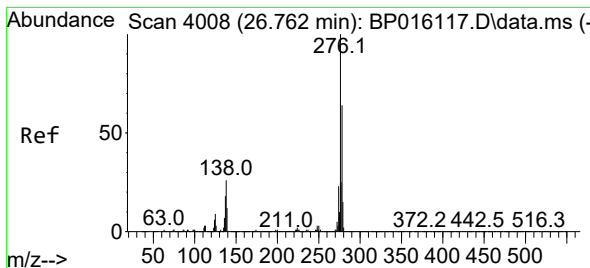
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 12.4 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 16.902 ng/ul

RT: 26.762 min Scan# 4008

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :

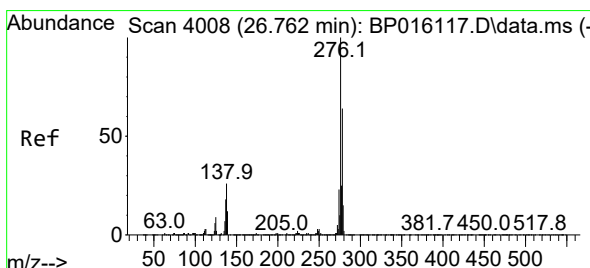
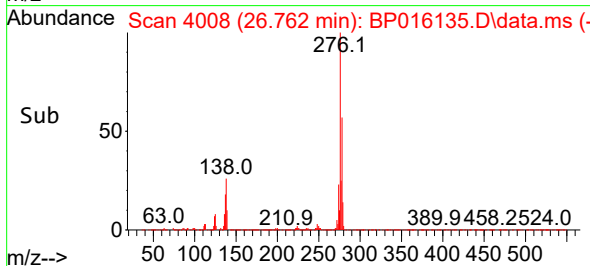
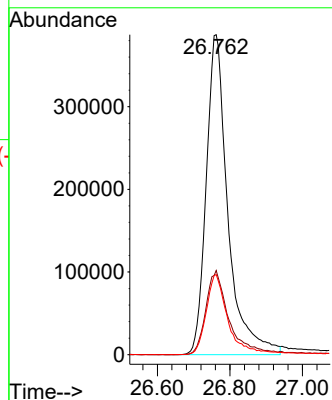
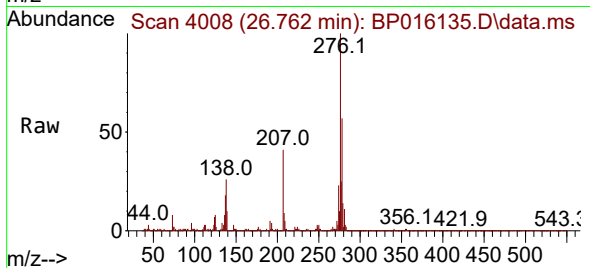
Tgt Ion:276 Resp: 1610463

Ion Ratio Lower Upper

276 100

138 26.3 15.7 23.5#

277 25.0 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 16.692 ng/ul

RT: 26.768 min Scan# 4009

Delta R.T. -0.012 min

Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

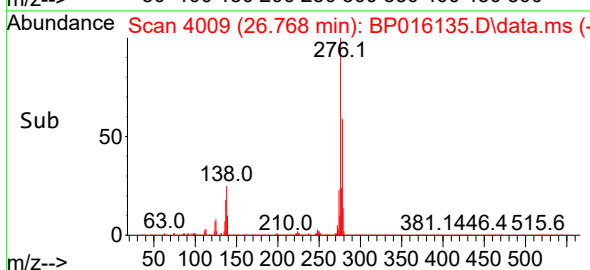
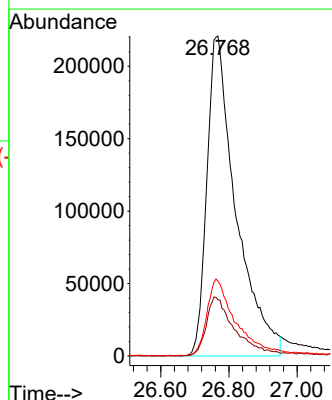
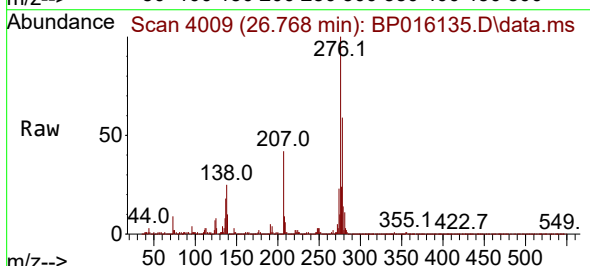
Tgt Ion:278 Resp: 1306370

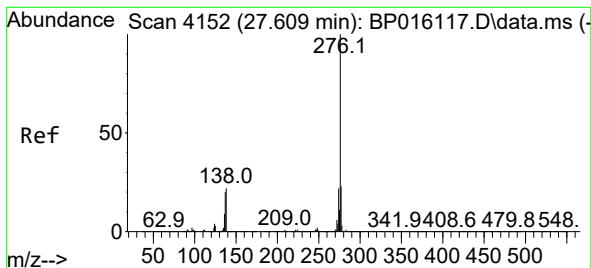
Ion Ratio Lower Upper

278 100

139 17.5 10.5 15.7#

279 23.4 18.4 27.6





#96

Benzo(g,h,i)perylene

Concen: 16.069 ng/ul

RT: 27.609 min Scan# 41

Delta R.T. -0.012 min

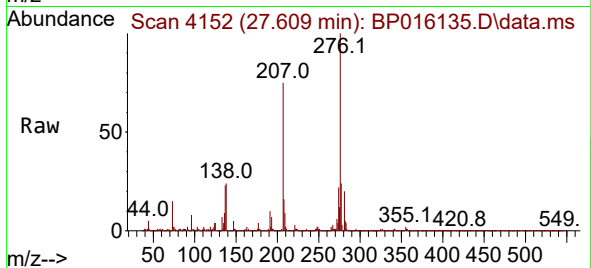
Lab File: BP016135.D

Acq: 09 Jul 2023 16:48

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 1259553

Ion Ratio Lower Upper

276 100

138 23.9 15.1 22.7#

277 24.2 18.8 28.2

