

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016068.D
 Acq On : 07 Jul 2023 13:35
 Operator : MA/JU
 Sample : PB153590BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 07 20:26:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	270368	20.000	ng/u1	0.00
20) Naphthalene-d8	10.840	136	1171549	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.669	164	762051	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.434	188	1767943	20.000	ng/u1	-0.01
79) Chrysene-d12	21.533	240	1724491	20.000	ng/u1	0.00
88) Perylene-d12	24.080	264	1763517	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	38181	5.081	ng/uL	0.00
4) Pyridine-d5	3.793	84	452141	23.869	ng/u1	-0.01
7) Phenol-d5	7.205	99	659862	28.525	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.346	67	425398	29.723	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.552	132	525841	30.113	ng/u1	-0.01
15) 4-Methylphenol-d8	8.758	113	533489	29.193	ng/u1	-0.01
21) Nitrobenzene-d5	9.210	128	261139	29.167	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	309180	29.587	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.493	165	540624	29.032	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.016	131	628563	26.277	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	1768055	30.018	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	1951289	29.470	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	186616	24.009	ng/u1	-0.02
60) Fluorene-d10	15.669	176	1457607	30.055	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	315369	29.006	ng/u1	0.00
73) Anthracene-d10	17.539	188	2288540	28.339	ng/u1	0.00
81) Pyrene-d10	19.769	212	2863998	25.434	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	2660405	29.906	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	76804	9.497	ng/uL	99
5) Pyridine	3.817	79	453873	22.903	ng/u1	96
6) Benzaldehyde	7.169	77	364068	38.927	ng/u1	95
8) Phenol	7.234	94	668370	27.842	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.440	93	535181	28.020	ng/u1	98
12) 2-Chlorophenol	7.587	128	512162	27.607	ng/u1	99
13) 2-Methylphenol	8.487	108	509959	28.136	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.558	45	791940	30.357	ng/u1	99
16) Acetophenone	8.869	105	835985	27.828	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.840	70	453452	27.178	ng/u1	98
18) 4-Methylphenol	8.828	108	556795	28.592	ng/u1	100
19) Hexachloroethane	9.087	117	225996	26.375	ng/u1	99
22) Nitrobenzene	9.252	77	664683	26.436	ng/u1	96
23) Isophorone	9.775	82	1290195	26.815	ng/u1	98
25) 2-Nitrophenol	9.969	139	307699	27.745	ng/u1	90
26) 2,4-Dimethylphenol	10.034	107	512939	21.040	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.257	93	767995	28.275	ng/u1	98
29) 2,4-Dichlorophenol	10.528	162	514561	27.794	ng/u1	98
30) Naphthalene	10.893	128	1714557	26.921	ng/u1	99
32) 4-Chloroaniline	11.040	127	586705	23.607	ng/u1	98
33) Hexachlorobutadiene	11.152	225	356696	25.513	ng/u1	99
34) Caprolactam	11.851	113	61709	10.897	ng/u1	93
35) 4-Chloro-3-methylphenol	12.175	107	585576	27.022	ng/u1	94
36) 2-Methylnaphthalene	12.504	142	1165881	27.808	ng/u1	98

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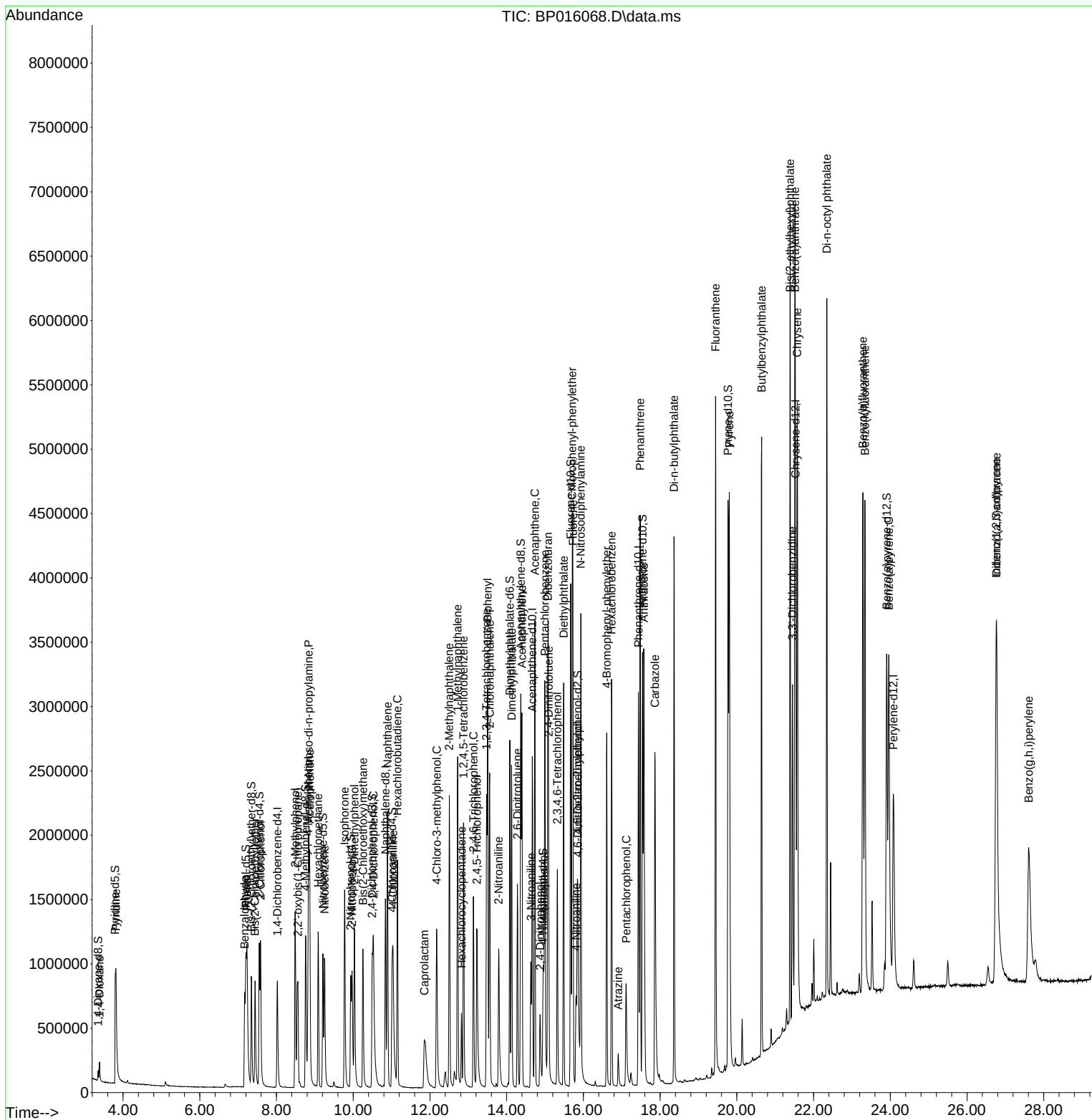
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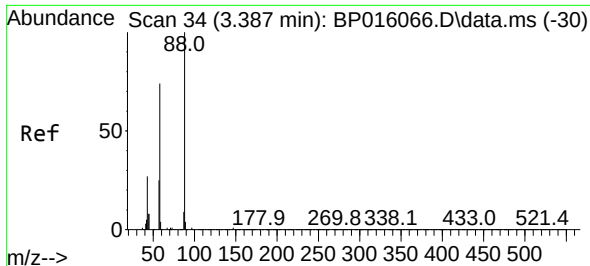
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1189205	27.805	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.875	216	673413	26.816	ng/ul	98
40) Hexachlorocyclopentadiene	12.822	237	146112	19.449	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.134	196	388900	24.505	ng/ul	99
42) 2,4,5-Trichlorophenol	13.222	196	441073	26.202	ng/ul	98
43) 1,1'-Biphenyl	13.504	154	1602274	26.546	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1267302	26.652	ng/ul	96
45) 2-Nitroaniline	13.793	65	414490	27.704	ng/ul	92
47) Dimethylphthalate	14.128	163	1684565	27.635	ng/ul	98
48) 2,6-Dinitrotoluene	14.281	165	353092	28.556	ng/ul	97
50) Acenaphthylene	14.398	152	1980936	27.152	ng/ul	99
51) 3-Nitroaniline	14.634	138	335760	34.627	ng/ul	98
52) Acenaphthene	14.734	153	1383097	27.339	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	175518	26.755	ng/ul#	81
55) 4-Nitrophenol	14.963	109	140948	17.499	ng/ul#	81
56) Dibenzofuran	15.075	168	1954147	27.825	ng/ul	96
57) 2,4-Dinitrotoluene	15.092	165	509271	30.224	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.322	232	352084	24.351	ng/ul	89
59) Diethylphthalate	15.487	149	1719496	27.875	ng/ul	97
61) Fluorene	15.728	166	1592681	27.959	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	814687	27.950	ng/ul	92
63) 4-Nitroaniline	15.810	138	314563	47.400	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.857	198	293273	26.659	ng/ul	97
67) N-Nitrosodiphenylamine	15.934	169	1358197	25.662	ng/ul	98
68) 4-Bromophenyl-phenylether	16.610	248	539436	26.720	ng/ul#	87
69) Hexachlorobenzene	16.734	284	675230	28.345	ng/ul	94
70) Atrazine	16.910	200	62612	3.090	ng/ul	97
71) Pentachlorophenol	17.116	266	219911	19.235	ng/ul	93
72) Phenanthrene	17.481	178	2643279	27.521	ng/ul	100
74) Anthracene	17.581	178	2574602	26.678	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.475	216	686615	23.867	ng/ul	96
76) Pentachlorobenzene	14.998	250	732821	25.240	ng/ul	99
77) Carbazole	17.863	167	2416060	29.702	ng/ul	98
78) Di-n-butylphthalate	18.363	149	3051096	28.293	ng/ul	100
80) Fluoranthene	19.445	202	3256560	23.270	ng/ul	97
82) Pyrene	19.804	202	3396296	23.791	ng/ul#	94
83) Butylbenzylphthalate	20.645	149	1440847	24.740	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	1109790	28.468	ng/ul	99
85) Benzo(a)anthracene	21.516	228	3190897	26.304	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	2076021	25.937	ng/ul	99
87) Chrysene	21.574	228	3280898	28.506	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	3457946	26.831	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	3081408	27.194	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	3319684	28.996	ng/ul	98
93) Benzo(a)pyrene	23.963	252	2714493	27.416	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.762	276	3115685	23.180	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	2588838	23.449	ng/ul	98
96) Benzo(g,h,i)perylene	27.609	276	2442104	22.085	ng/ul	99

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

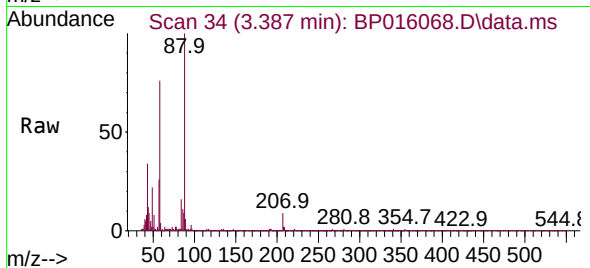
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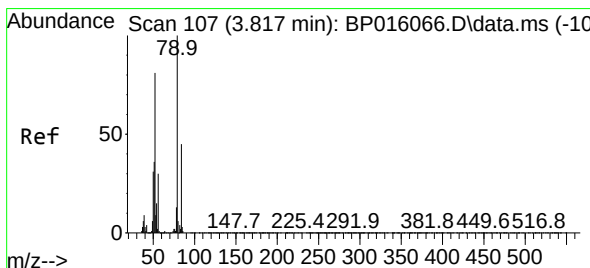
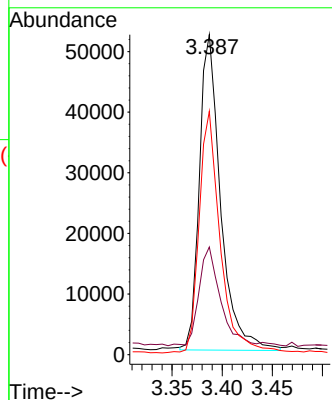
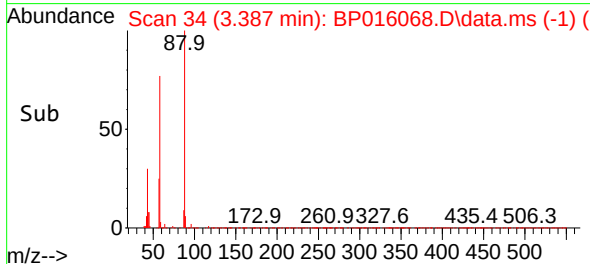


#2
1,4-Dioxane
Concen: 9.497 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP016068.D
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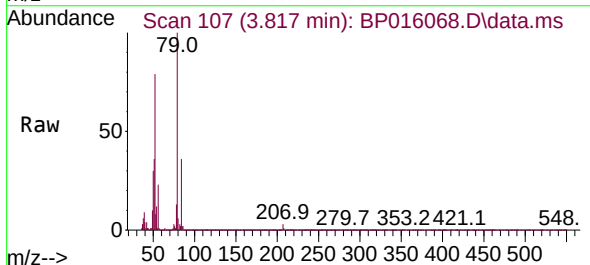
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BNA_P
ClientSampleId :



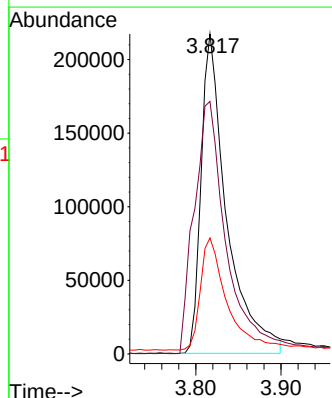
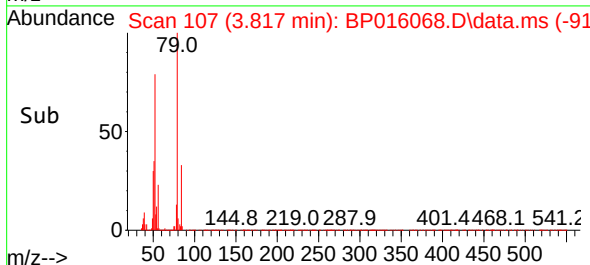
Tgt Ion: 88 Resp: 76804
Ion Ratio Lower Upper
88 100
43 33.7 27.4 41.2
58 76.0 59.8 89.8

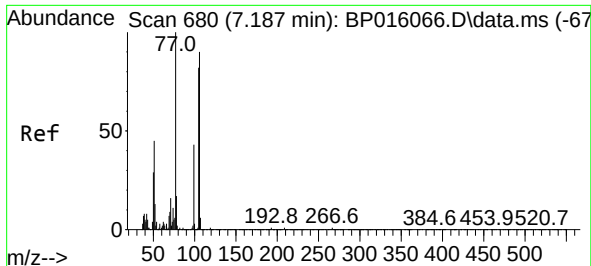


#5
Pyridine
Concen: 22.903 ng/uL
RT: 3.817 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35



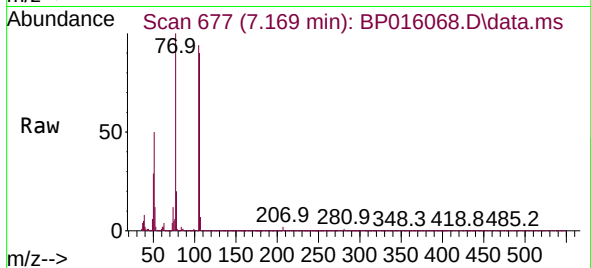
Tgt Ion: 79 Resp: 453873
Ion Ratio Lower Upper
79 100
52 78.9 65.5 98.3
51 36.3 31.8 47.8



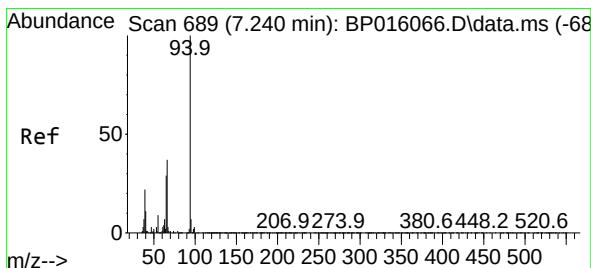
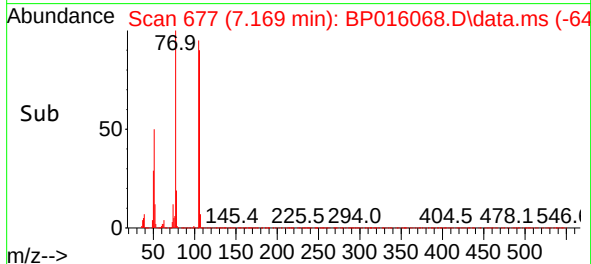
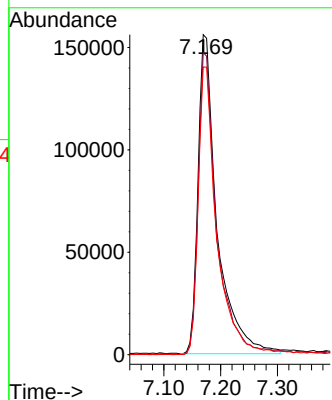


#6
Benzaldehyde
Concen: 38.927 ng/ul
RT: 7.169 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Instrument :
BNA_P
ClientSampleId :

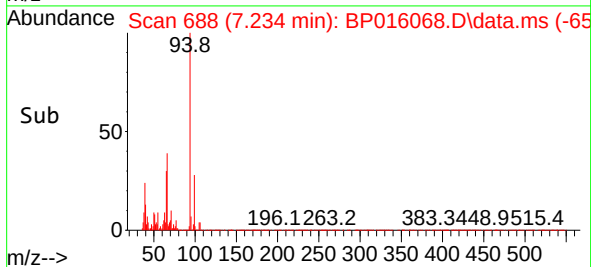
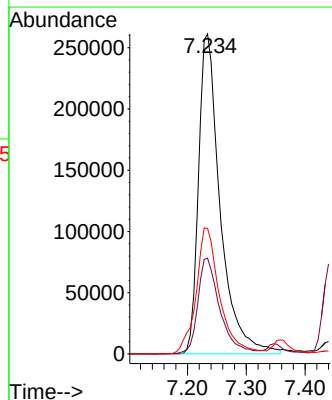
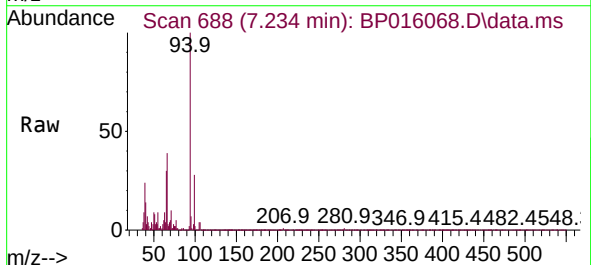


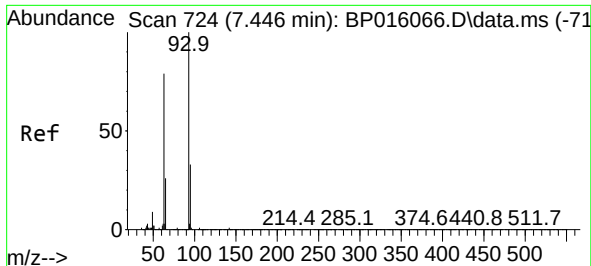
Tgt Ion: 77 Resp: 364068
Ion Ratio Lower Upper
77 100
105 94.3 73.4 110.0
106 89.9 66.6 100.0



#8
Phenol
Concen: 27.842 ng/ul
RT: 7.234 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion: 94 Resp: 668370
Ion Ratio Lower Upper
94 100
65 29.9 26.4 39.6
66 39.3 37.3 55.9

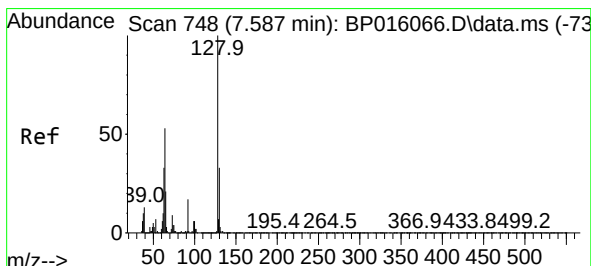
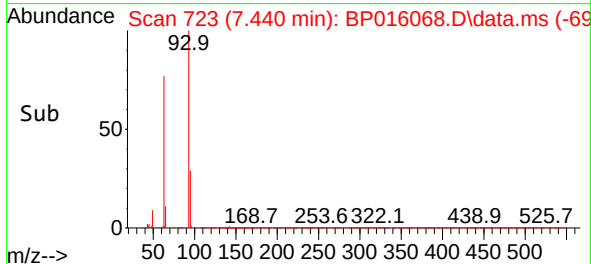
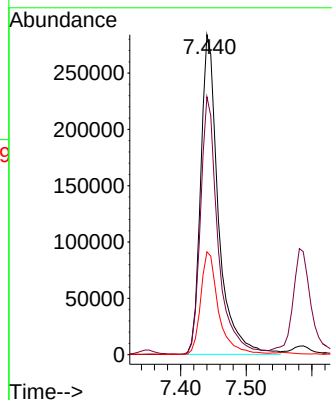
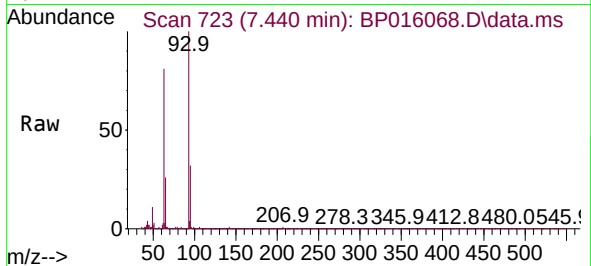




#10
Bis(2-Chloroethyl)ether
Concen: 28.020 ng/ul
RT: 7.440 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

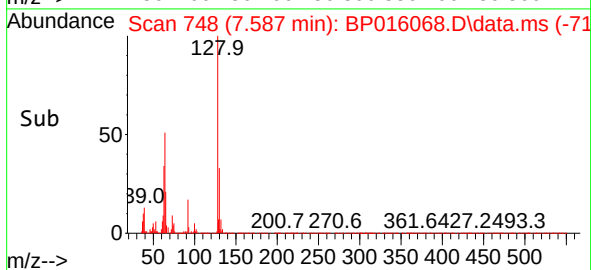
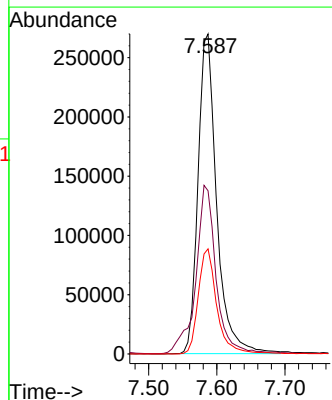
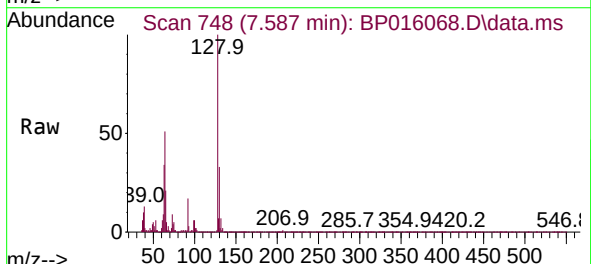
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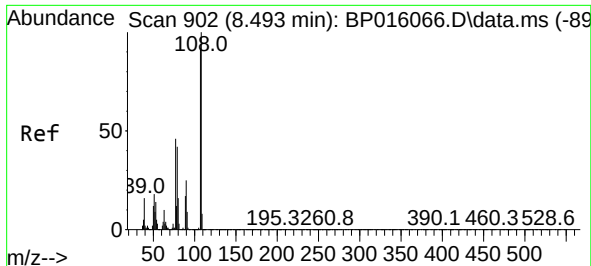
Tgt Ion: 93 Resp: 535181
Ion Ratio Lower Upper
93 100
63 80.6 62.8 94.2
95 32.1 25.6 38.4



#12
2-Chlorophenol
Concen: 27.607 ng/ul
RT: 7.587 min Scan# 748
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:128 Resp: 512162
Ion Ratio Lower Upper
128 100
64 51.0 41.2 61.8
130 32.9 26.0 39.0

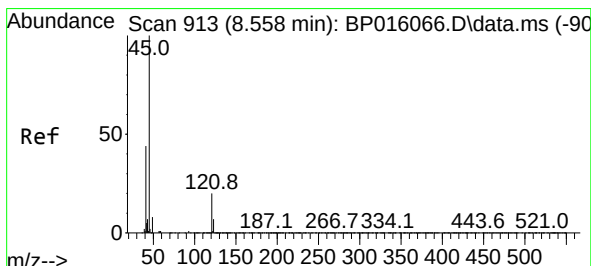
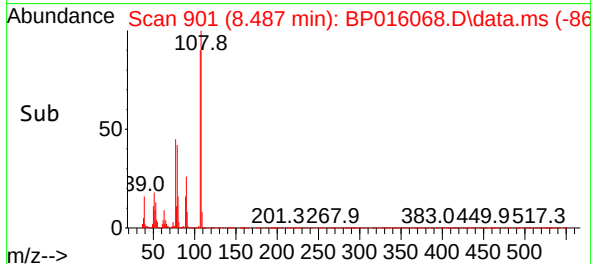
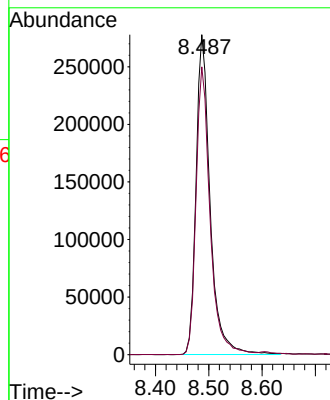
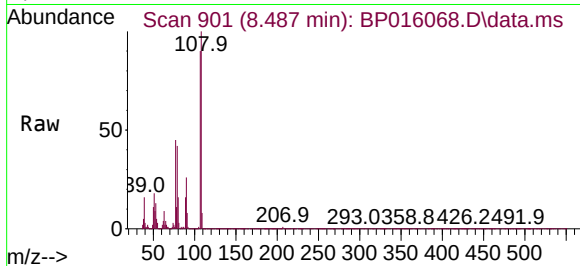




#13
2-Methylphenol
Concen: 28.136 ng/ul
RT: 8.487 min Scan# 902
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

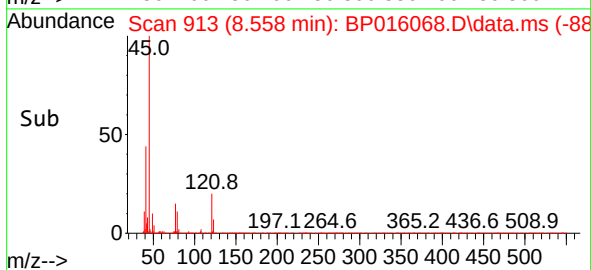
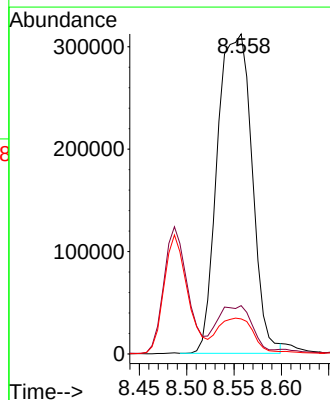
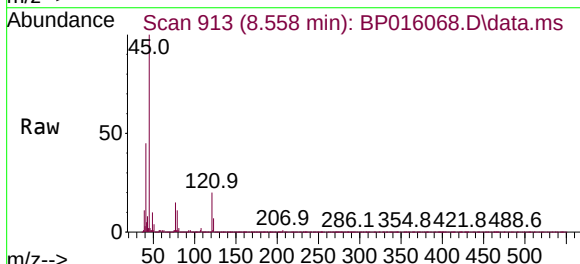
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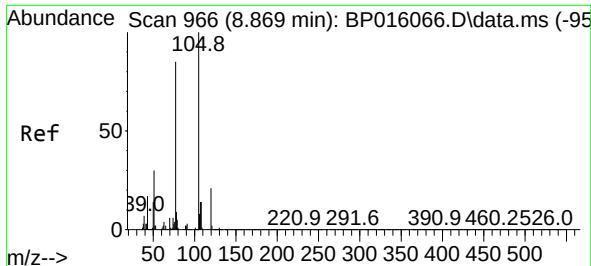
Tgt Ion:108 Resp: 509959
Ion Ratio Lower Upper
108 100
107 89.9 73.8 110.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.357 ng/ul
RT: 8.558 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion: 45 Resp: 791940
Ion Ratio Lower Upper
45 100
77 15.1 12.4 18.6
79 11.0 9.3 13.9

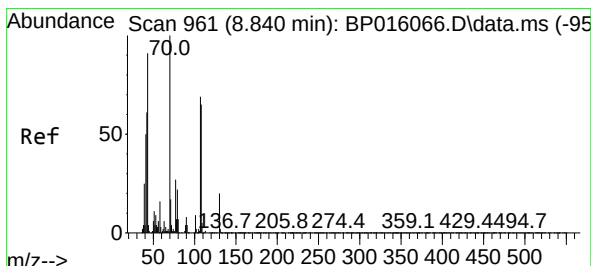
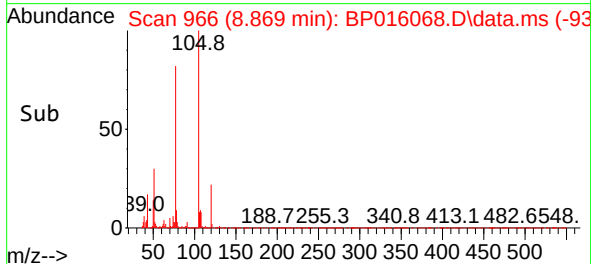
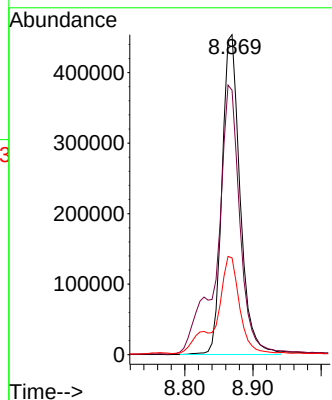
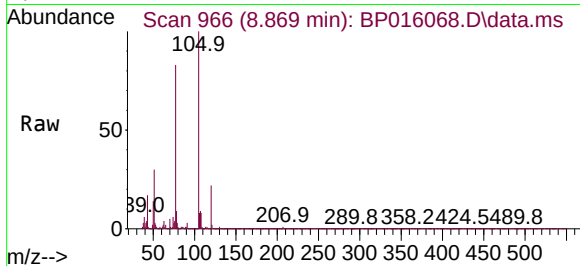




#16
Acetophenone
Concen: 27.828 ng/ul
RT: 8.869 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP016068.D
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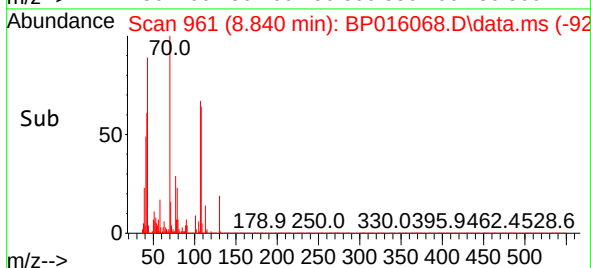
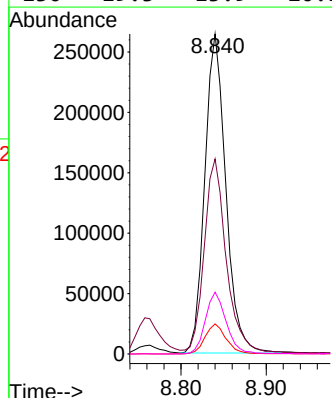
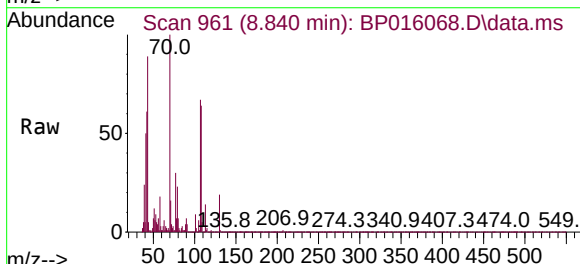
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ClientSampleId :

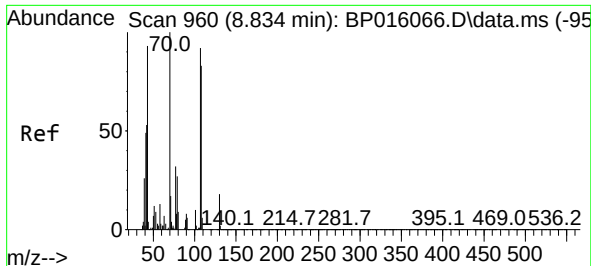
Tgt Ion:105 Resp: 835985
Ion Ratio Lower Upper
105 100
77 82.6 65.0 97.4
51 30.2 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 27.178 ng/ul
RT: 8.840 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

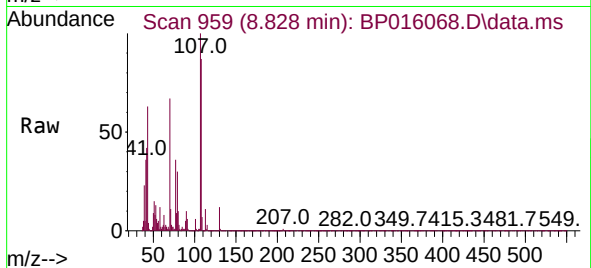
Tgt Ion: 70 Resp: 453452
Ion Ratio Lower Upper
70 100
42 60.9 48.2 72.2
101 9.4 7.6 11.4
130 19.3 13.9 20.9



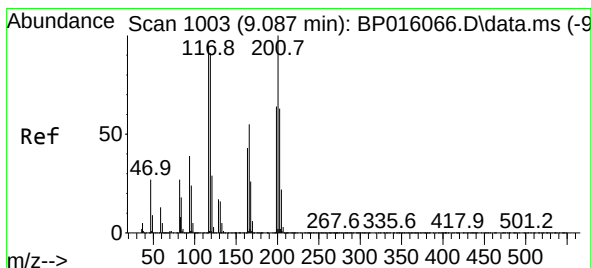
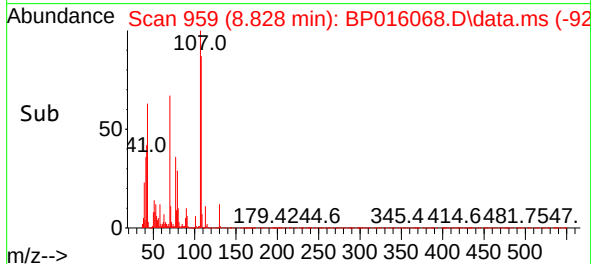
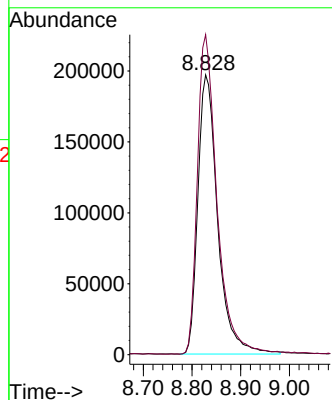


#18
4-Methylphenol
Concen: 28.592 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Instrument :
BNA_P
ClientSampleId :

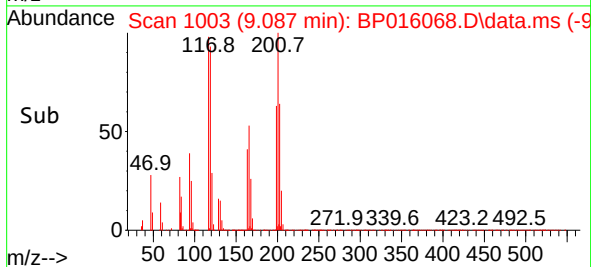
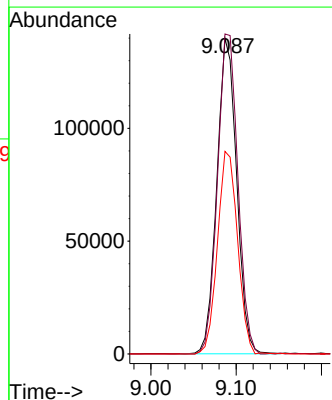
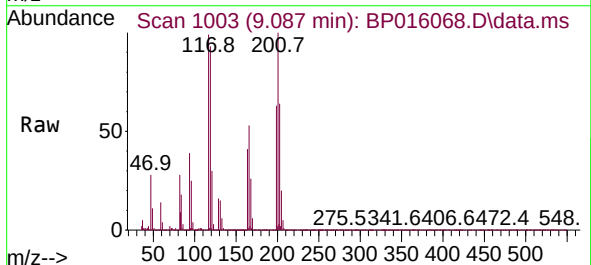


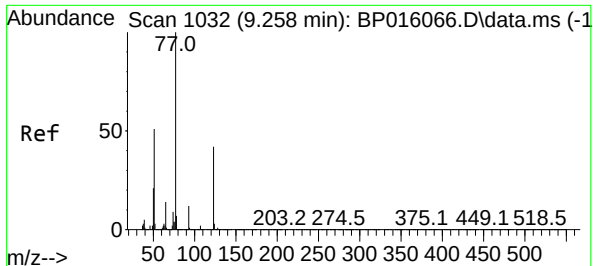
Tgt Ion:108 Resp: 556795
Ion Ratio Lower Upper
108 100
107 114.3 91.3 136.9



#19
Hexachloroethane
Concen: 26.375 ng/ul
RT: 9.087 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:117 Resp: 225996
Ion Ratio Lower Upper
117 100
201 104.0 84.2 126.2
199 65.8 51.8 77.8

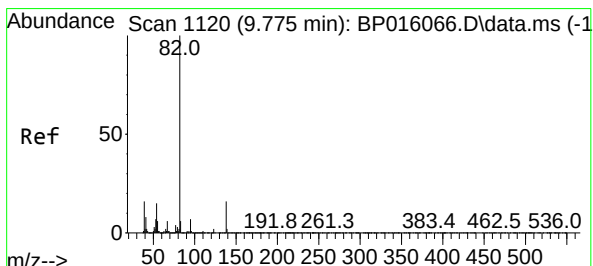
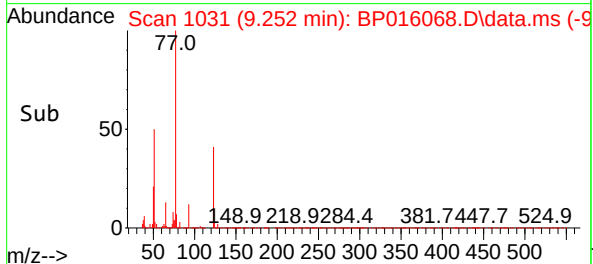
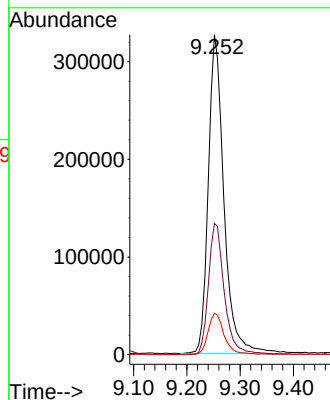
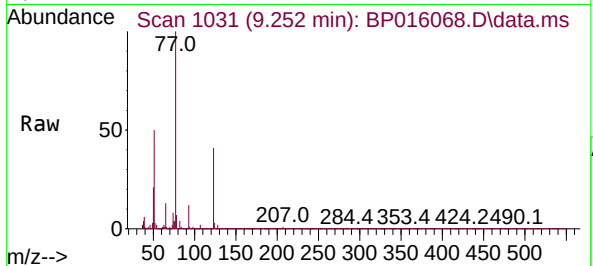




#22
Nitrobenzene
Concen: 26.436 ng/ul
RT: 9.252 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

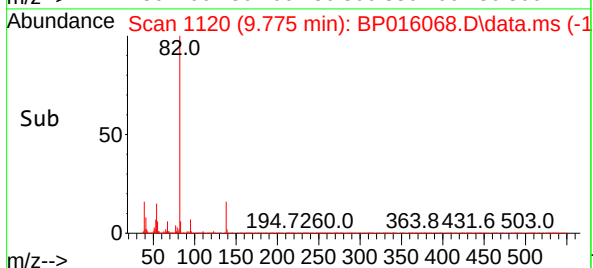
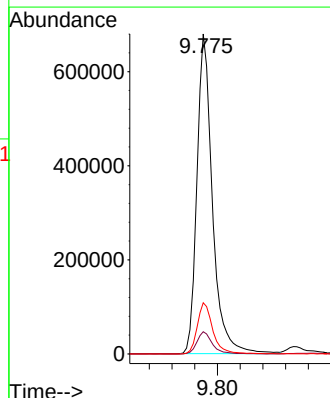
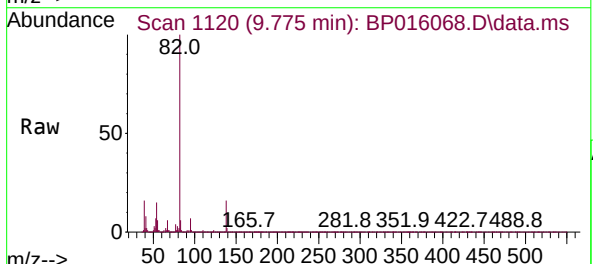
Instrument :
BNA_P
ClientSampleId :

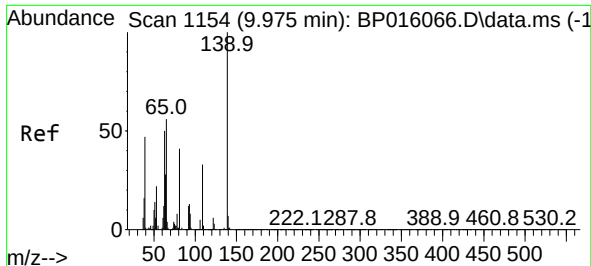
Tgt Ion: 77 Resp: 664683
Ion Ratio Lower Upper
77 100
123 41.0 31.0 46.4
65 12.9 11.3 16.9



#23
Isophorone
Concen: 26.815 ng/ul
RT: 9.775 min Scan# 1120
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion: 82 Resp: 1290195
Ion Ratio Lower Upper
82 100
95 7.0 6.3 9.5
138 16.0 12.3 18.5

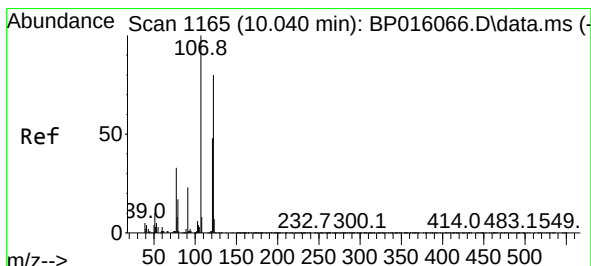
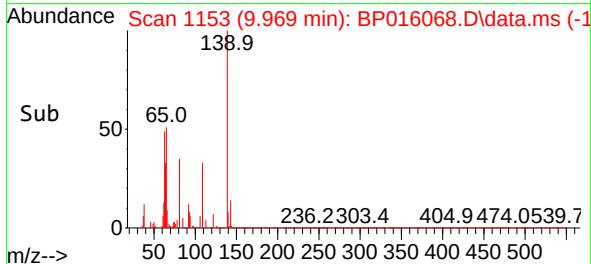
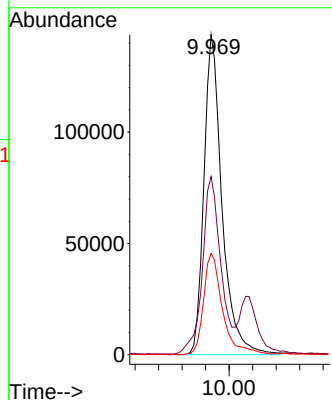
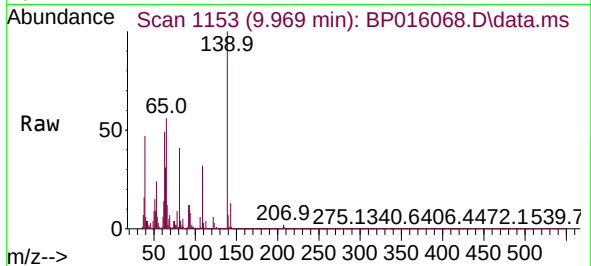




#25
2-Nitrophenol
Concen: 27.745 ng/ul
RT: 9.969 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

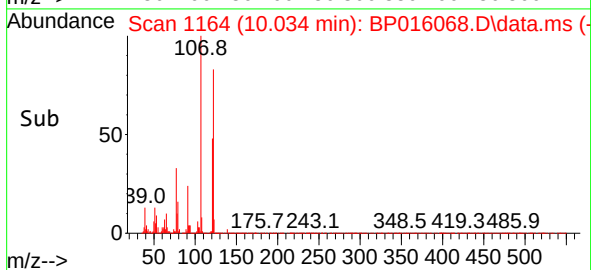
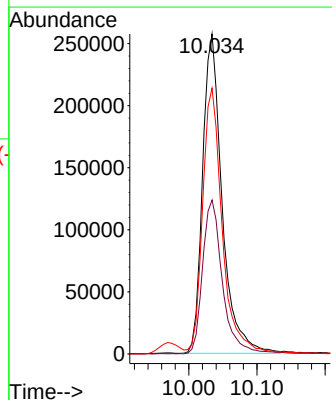
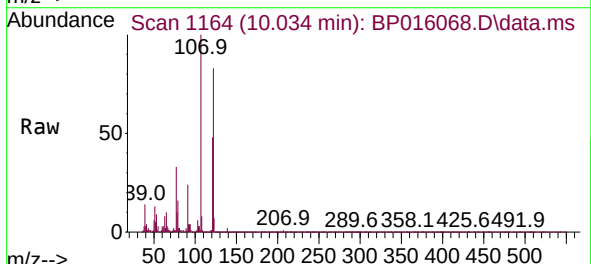
Instrument :
BNA_P
ClientSampleId :

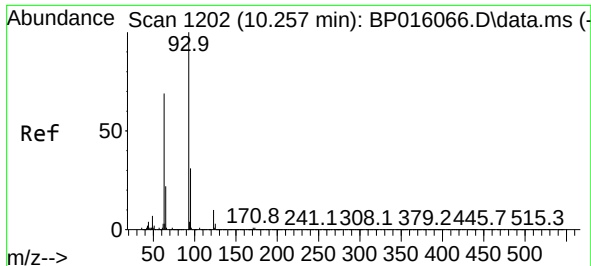
Tgt Ion:139 Resp: 307699
Ion Ratio Lower Upper
139 100
65 55.7 50.2 75.2
109 31.6 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 21.040 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:107 Resp: 512939
Ion Ratio Lower Upper
107 100
121 48.1 38.2 57.2
122 83.1 62.1 93.1

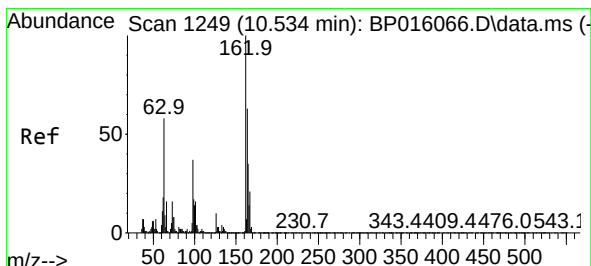
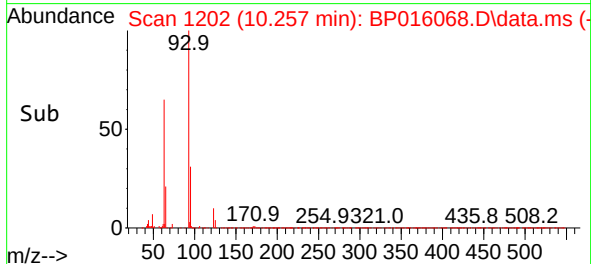
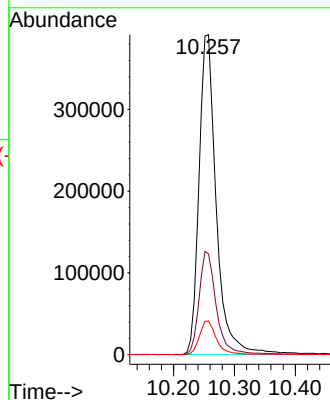
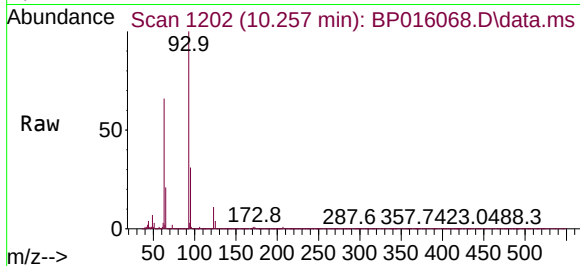




#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.275 ng/ul
 RT: 10.257 min Scan# 1202
 Delta R.T. -0.006 min
 Lab File: BP016068.D
 Acq: 07 Jul 2023 13:35

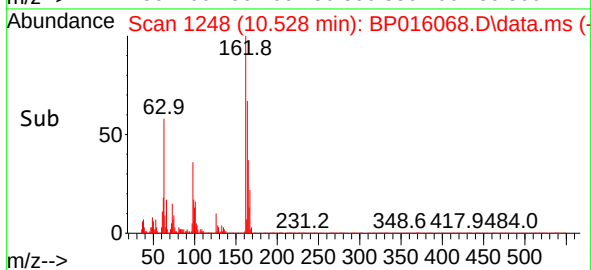
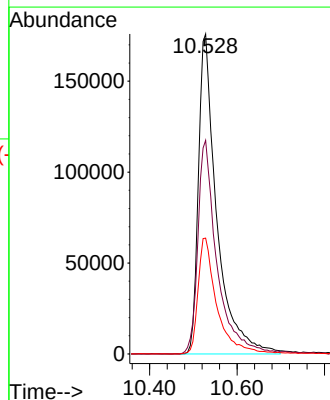
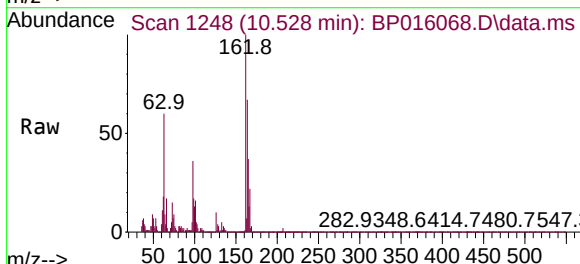
Instrument :
 BNA_P
 ClientSampleId :

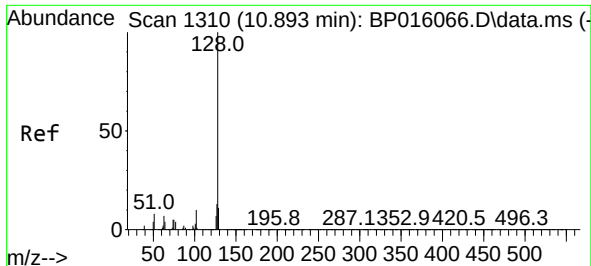
Tgt Ion: 93 Resp: 767995
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.6 39.8
 123 10.5 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 27.794 ng/ul
 RT: 10.528 min Scan# 1248
 Delta R.T. -0.006 min
 Lab File: BP016068.D
 Acq: 07 Jul 2023 13:35

Tgt Ion:162 Resp: 514561
 Ion Ratio Lower Upper
 162 100
 164 66.8 53.0 79.6
 98 36.2 31.3 46.9

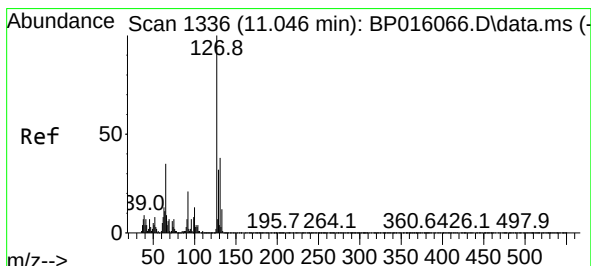
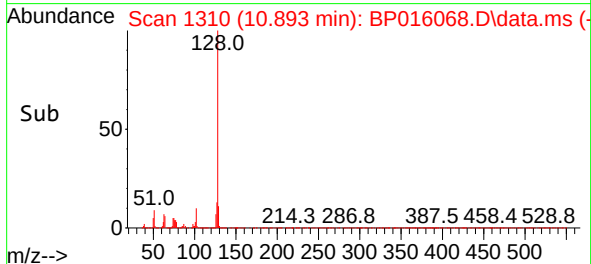
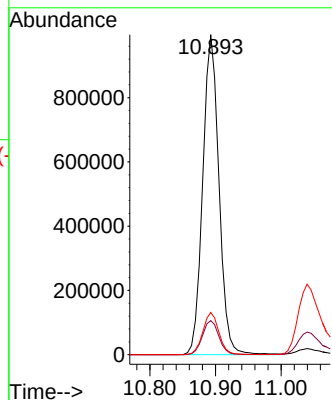
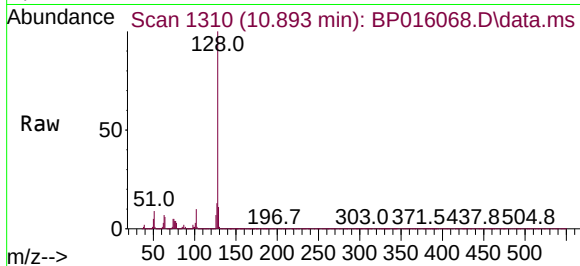




#30
Naphthalene
Concen: 26.921 ng/ul
RT: 10.893 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

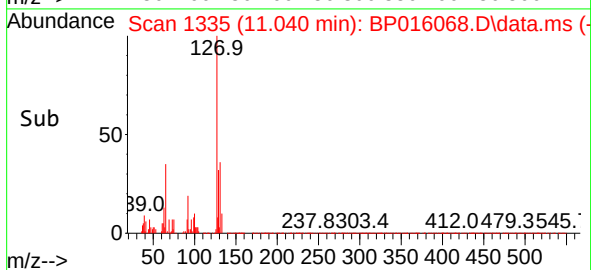
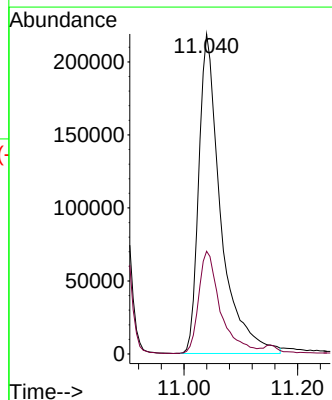
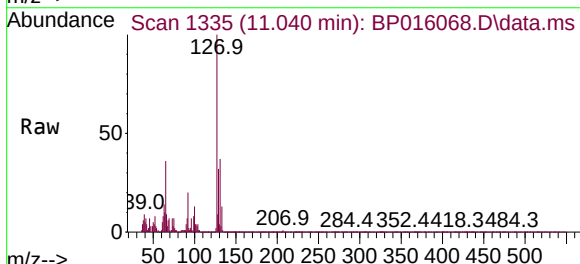
Instrument :
BNA_P
ClientSampleId :

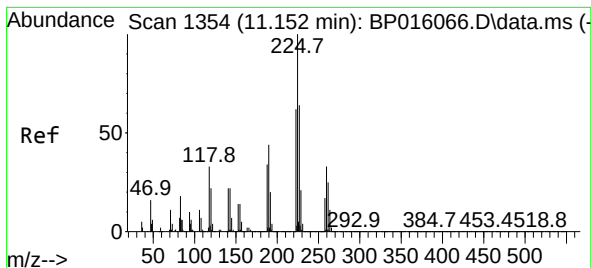
Tgt Ion:128 Resp: 1714557
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.2 10.3 15.5



#32
4-Chloroaniline
Concen: 23.607 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:127 Resp: 586705
Ion Ratio Lower Upper
127 100
129 32.1 24.7 37.1





#33

Hexachlorobutadiene

Concen: 25.513 ng/ul

RT: 11.152 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

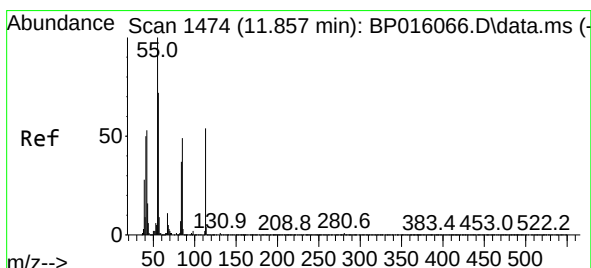
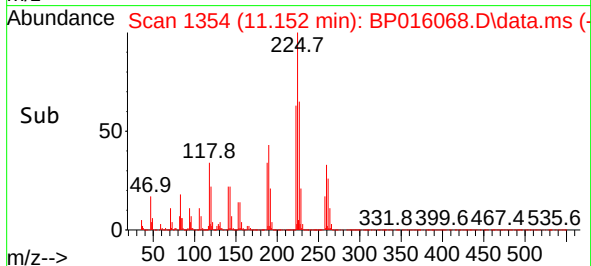
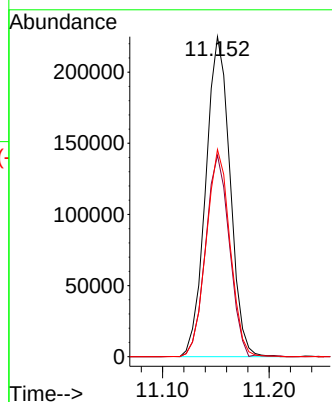
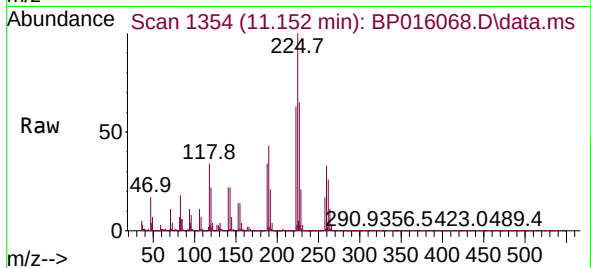
Tgt Ion:225 Resp: 356696

Ion Ratio Lower Upper

225 100

223 63.2 50.4 75.6

227 64.6 51.0 76.4



#34

Caprolactam

Concen: 10.897 ng/ul

RT: 11.851 min Scan# 1473

Delta R.T. -0.024 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

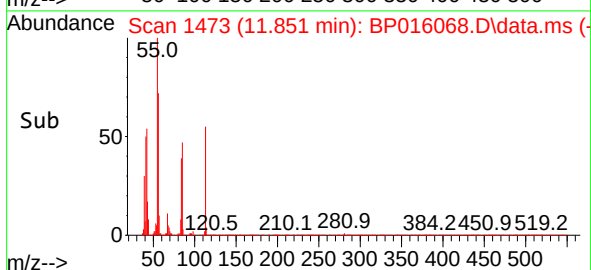
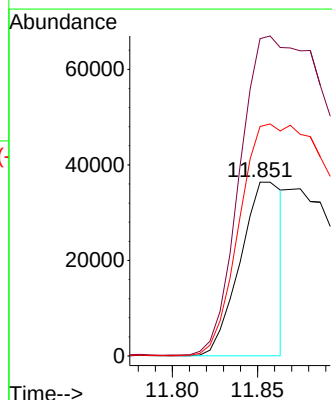
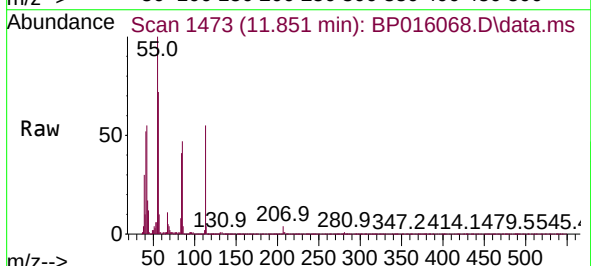
Tgt Ion:113 Resp: 61709

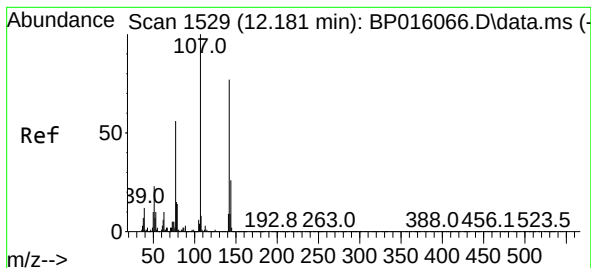
Ion Ratio Lower Upper

113 100

55 182.5 142.8 214.2

56 132.0 116.9 175.3

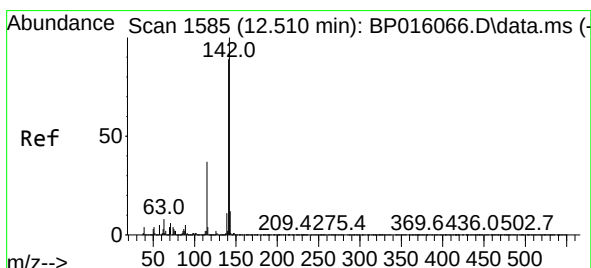
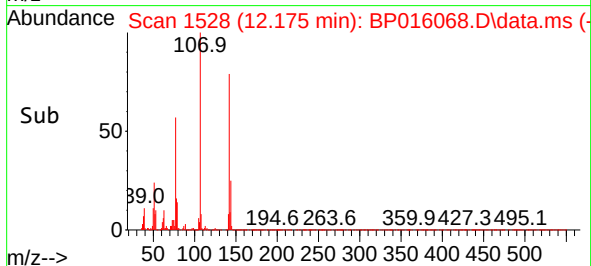
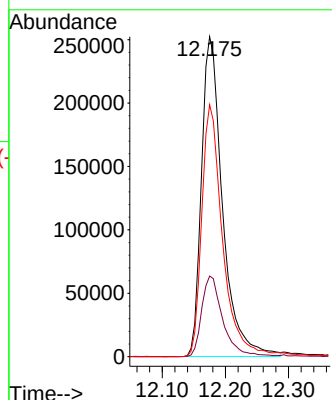
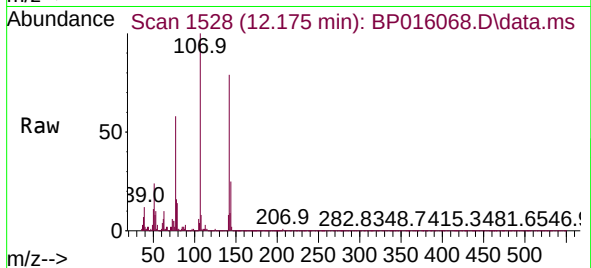




#35
4-Chloro-3-methylphenol
Concen: 27.022 ng/ul
RT: 12.175 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

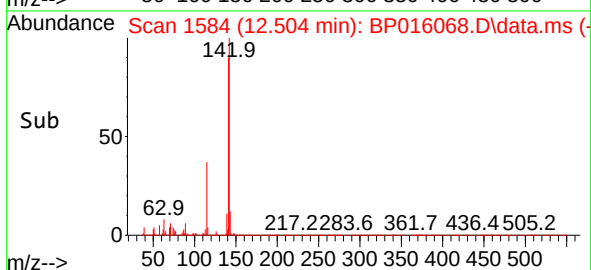
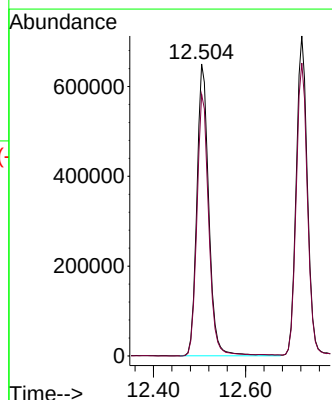
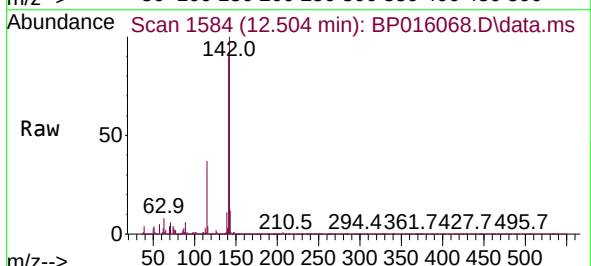
Instrument :
BNA_P
ClientSampleId :

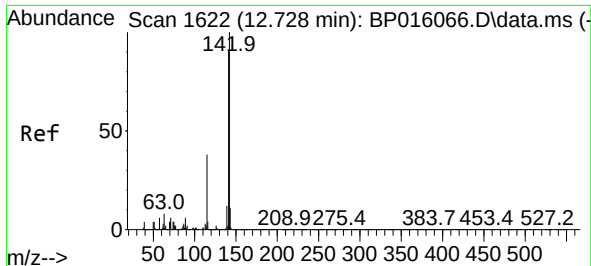
Tgt Ion:107 Resp: 585576
Ion Ratio Lower Upper
107 100
144 25.2 18.4 27.6
142 78.7 58.6 87.8



#36
2-Methylnaphthalene
Concen: 27.808 ng/ul
RT: 12.504 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:142 Resp: 1165881
Ion Ratio Lower Upper
142 100
141 89.6 73.2 109.8





#37

1-Methylnaphthalene

Concen: 27.805 ng/ul

RT: 12.722 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

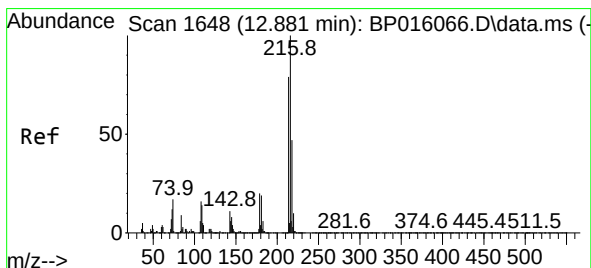
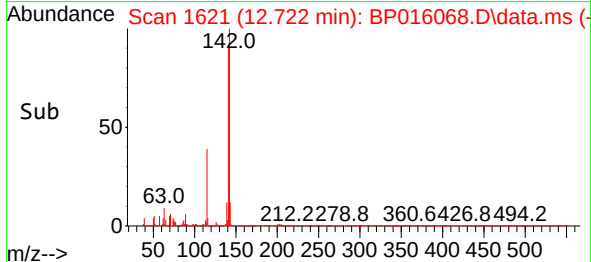
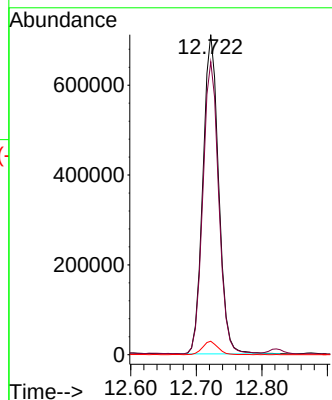
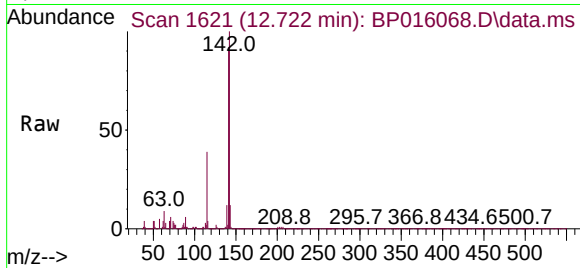
Tgt Ion:142 Resp: 1189205

Ion Ratio Lower Upper

142 100

141 91.5 73.1 109.7

116 4.2 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.816 ng/ul

RT: 12.875 min Scan# 1647

Delta R.T. -0.012 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Tgt Ion:216 Resp: 673413

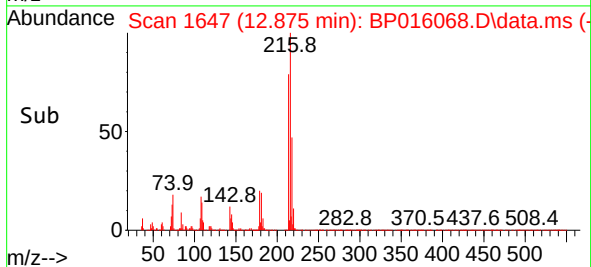
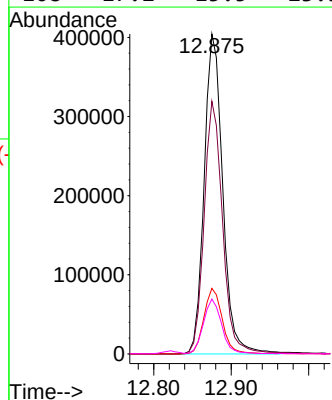
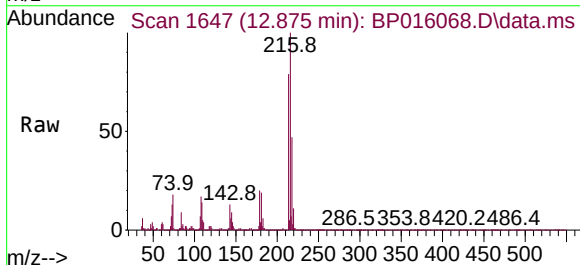
Ion Ratio Lower Upper

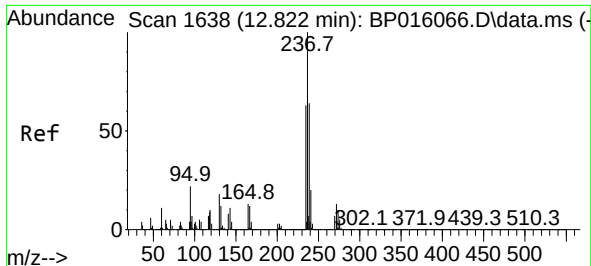
216 100

214 79.0 62.4 93.6

179 20.5 17.6 26.4

108 17.2 15.5 23.3

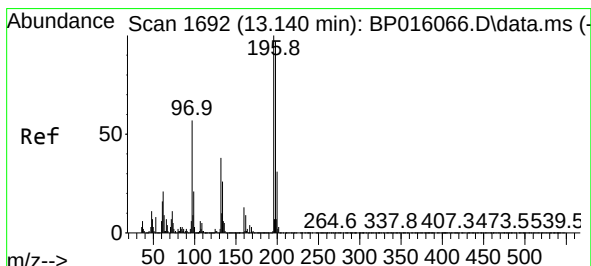
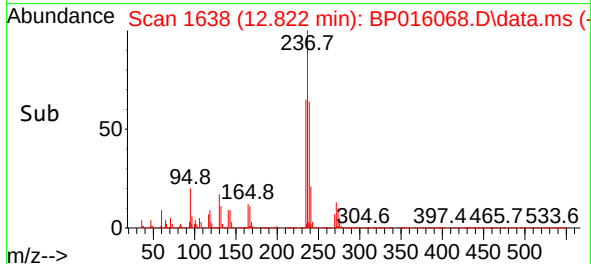
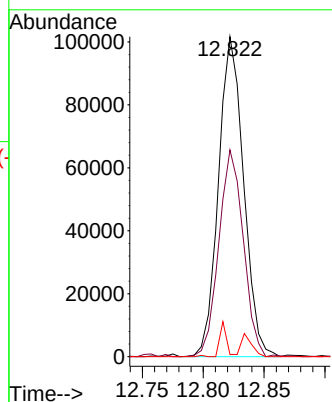
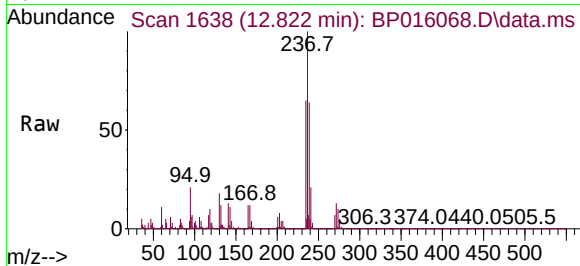




#40
Hexachlorocyclopentadiene
Concen: 19.449 ng/ul
RT: 12.822 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

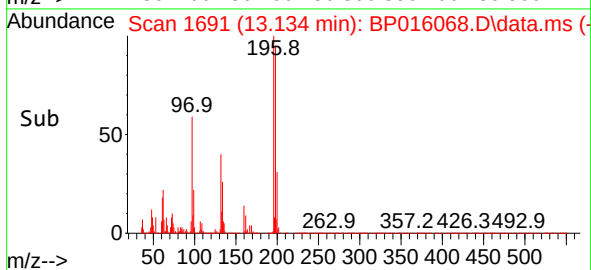
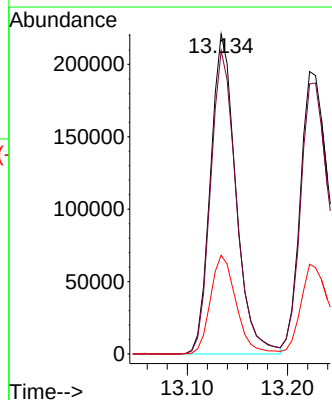
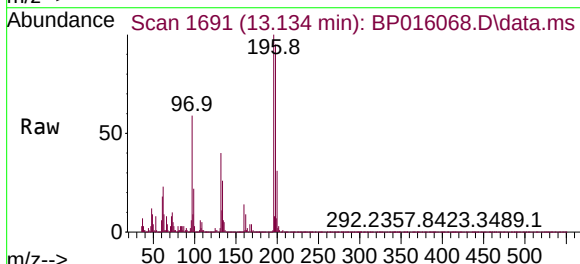
Instrument :
BNA_P
ClientSampleId :

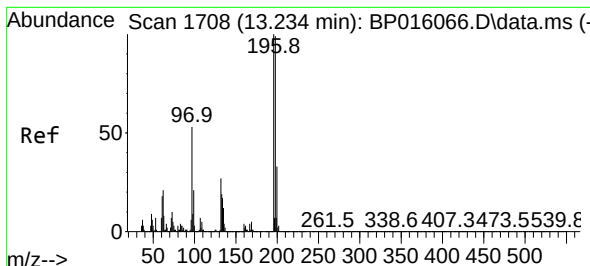
Tgt Ion:237 Resp: 146112
Ion Ratio Lower Upper
237 100
235 64.9 48.6 73.0
272 0.7 10.5 15.7#



#41
2,4,6-Trichlorophenol
Concen: 24.505 ng/ul
RT: 13.134 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:196 Resp: 388900
Ion Ratio Lower Upper
196 100
198 94.8 75.4 113.2
200 30.8 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 26.202 ng/ul

RT: 13.222 min Scan# 1706

Delta R.T. -0.012 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

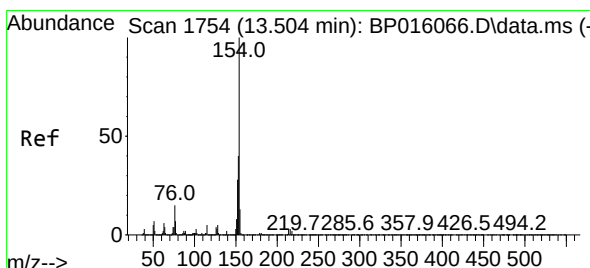
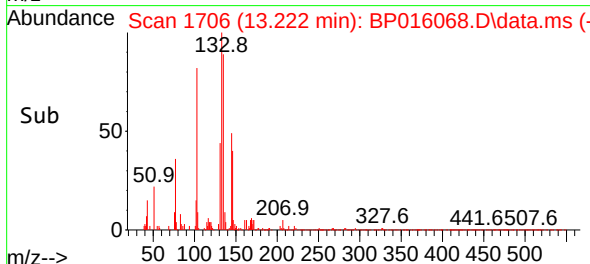
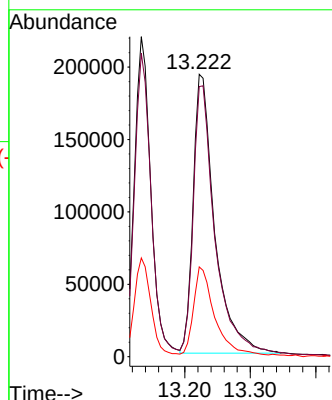
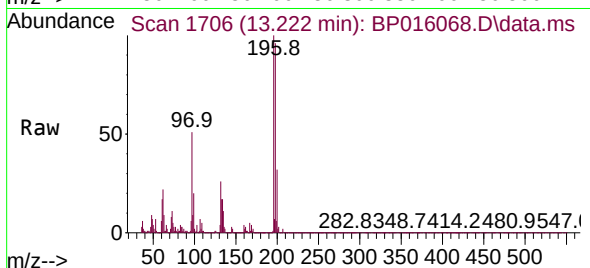
Tgt Ion:196 Resp: 441073

Ion Ratio Lower Upper

196 100

198 95.7 74.9 112.3

200 31.8 24.3 36.5



#43

1,1'-Biphenyl

Concen: 26.546 ng/ul

RT: 13.504 min Scan# 1754

Delta R.T. -0.012 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

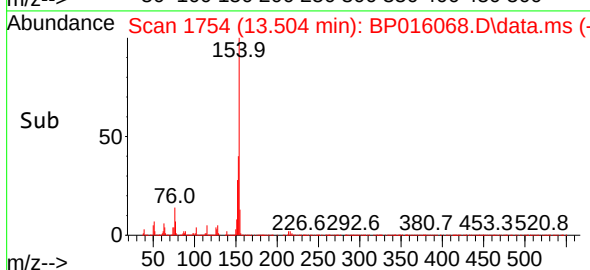
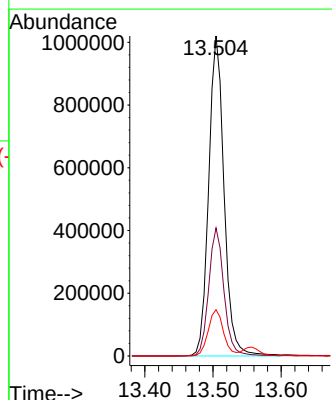
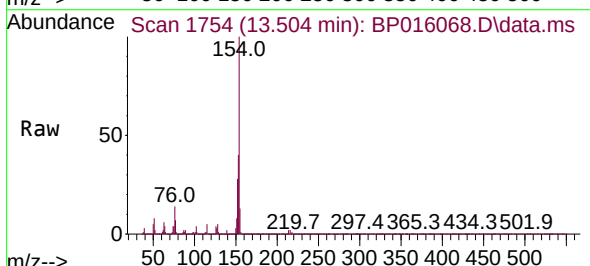
Tgt Ion:154 Resp: 1602274

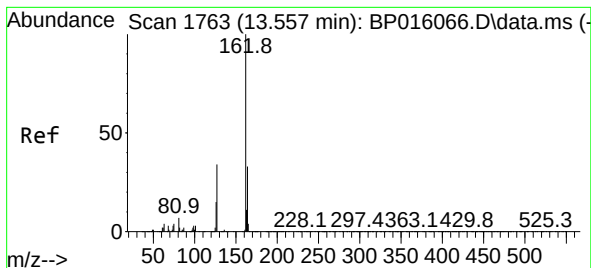
Ion Ratio Lower Upper

154 100

153 40.0 32.8 49.2

76 14.4 10.7 16.1

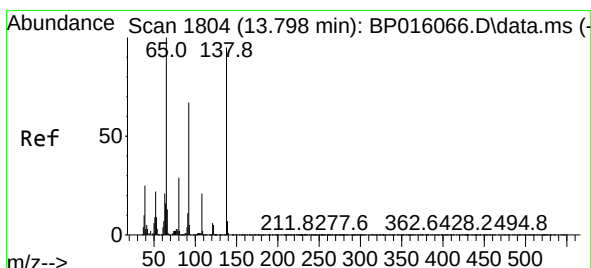
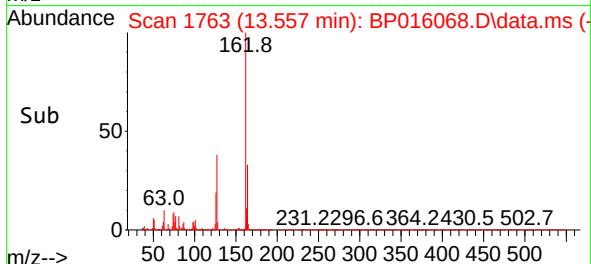
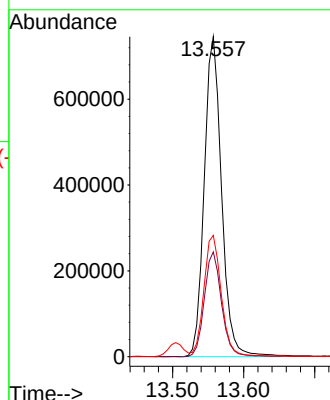
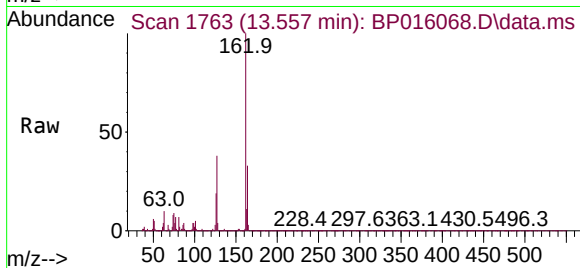




#44
2-Chloronaphthalene
Concen: 26.652 ng/ul
RT: 13.557 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

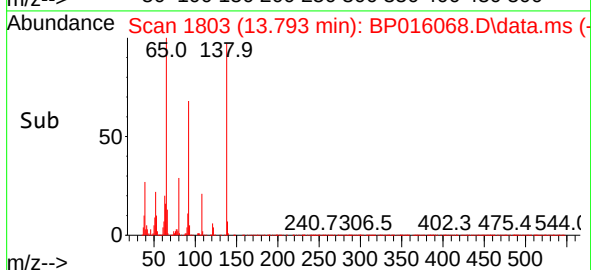
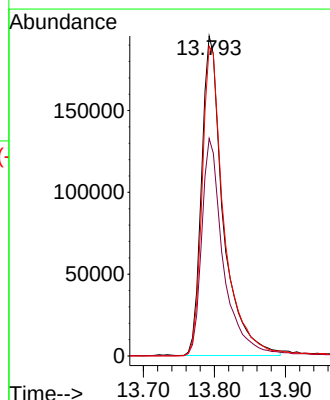
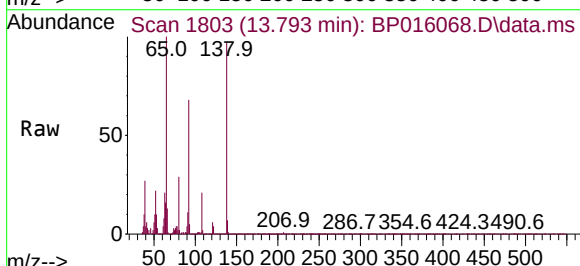
Instrument :
BNA_P
ClientSampleId :

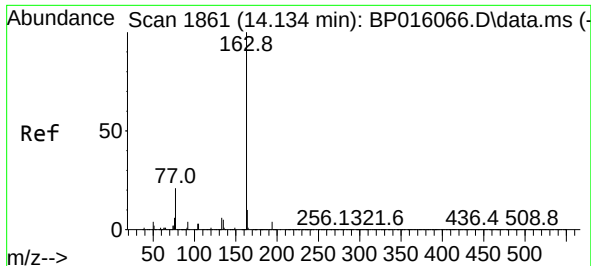
Tgt Ion:162 Resp: 1267302
Ion Ratio Lower Upper
162 100
164 32.8 26.1 39.1
127 37.9 33.4 50.0



#45
2-Nitroaniline
Concen: 27.704 ng/ul
RT: 13.793 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

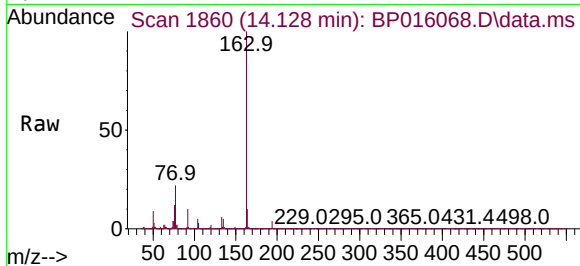
Tgt Ion: 65 Resp: 414490
Ion Ratio Lower Upper
65 100
92 67.9 49.5 74.3
138 96.7 71.4 107.2



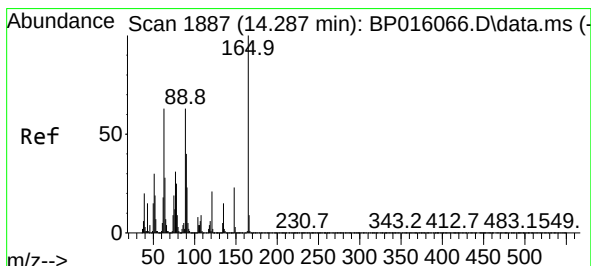
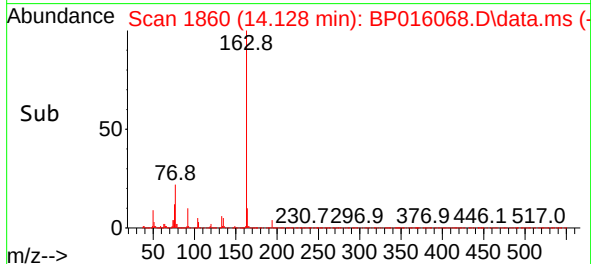
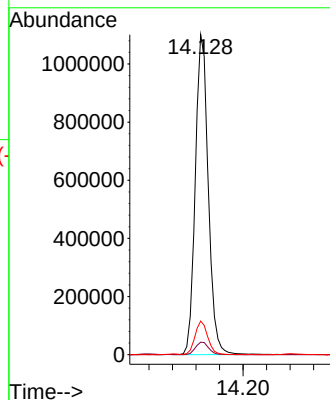


#47
Dimethylphthalate
Concen: 27.635 ng/ul
RT: 14.128 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Instrument :
BNA_P
ClientSampleId :

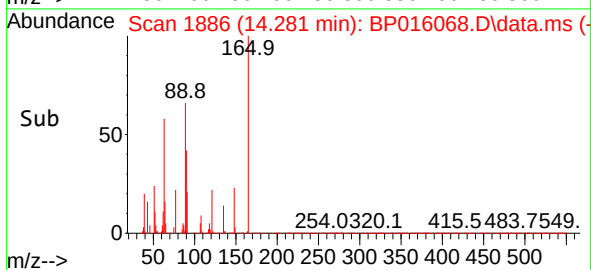
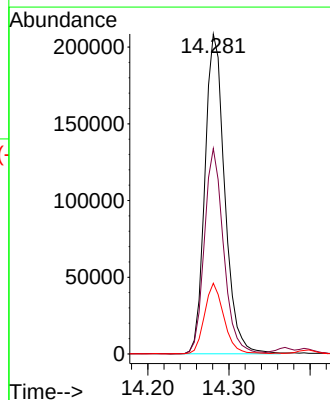
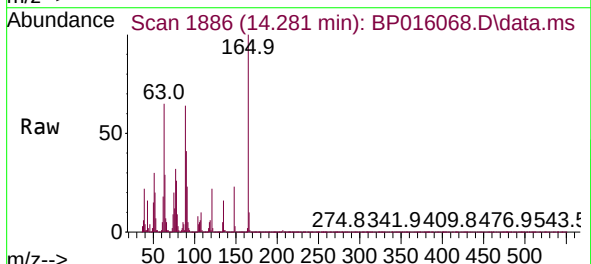


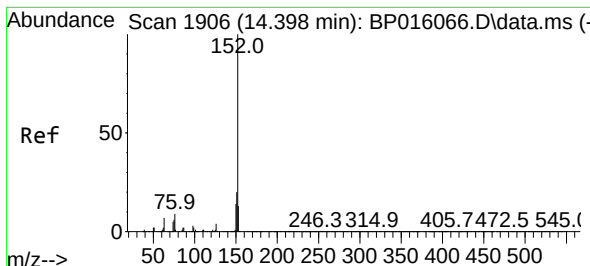
Tgt Ion:163 Resp: 1684565
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 28.556 ng/ul
RT: 14.281 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:165 Resp: 353092
Ion Ratio Lower Upper
165 100
89 64.2 54.1 81.1
121 22.1 18.2 27.2





#50

Acenaphthylene

Concen: 27.152 ng/ul

RT: 14.398 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

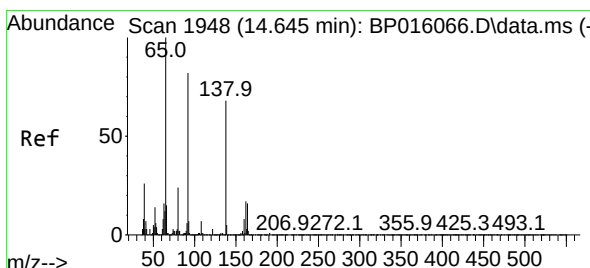
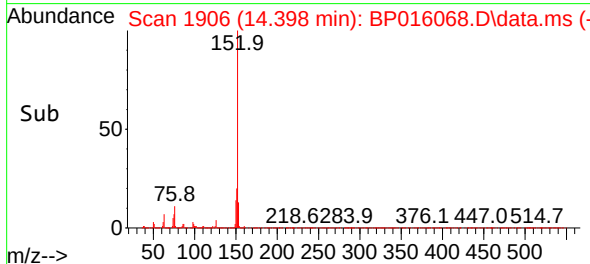
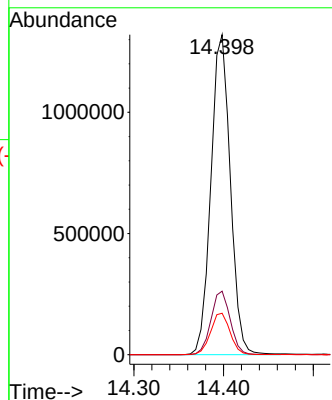
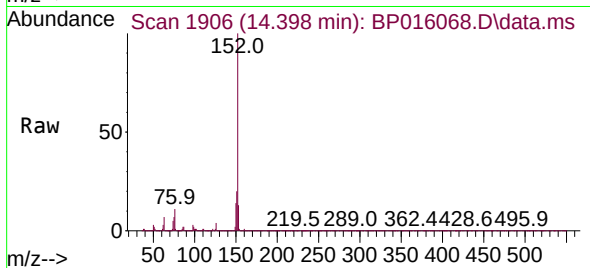
Tgt Ion:152 Resp: 1980936

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.0 10.5 15.7



#51

3-Nitroaniline

Concen: 34.627 ng/ul

RT: 14.634 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

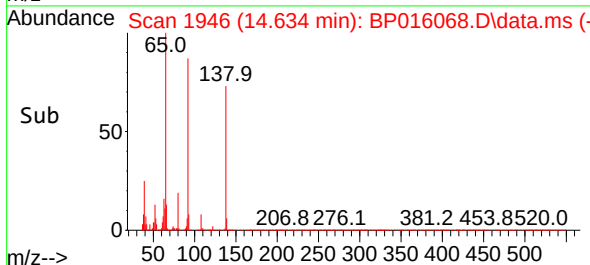
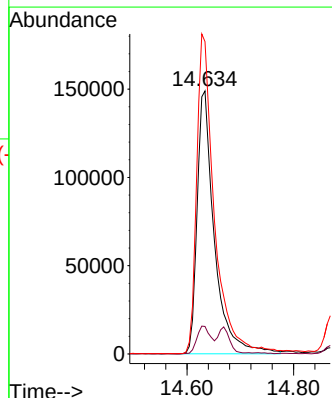
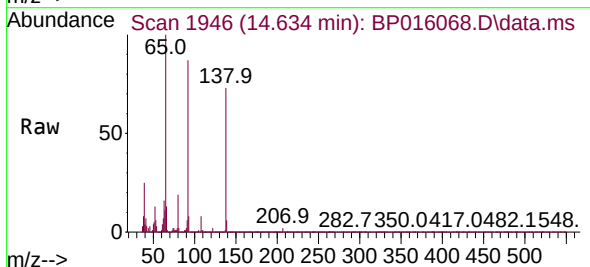
Tgt Ion:138 Resp: 335760

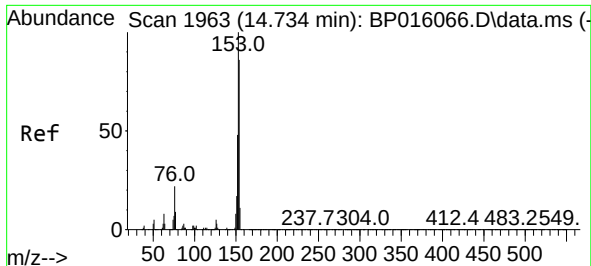
Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

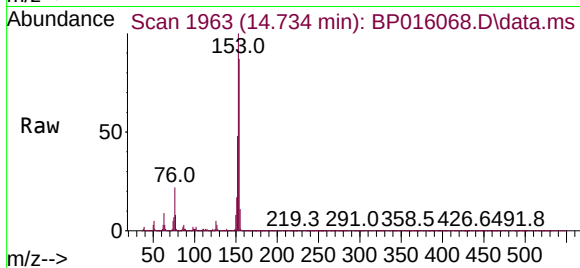
92 118.7 96.8 145.2



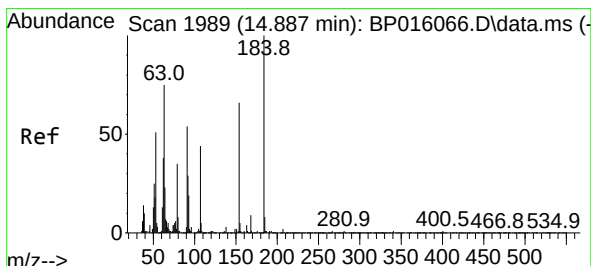
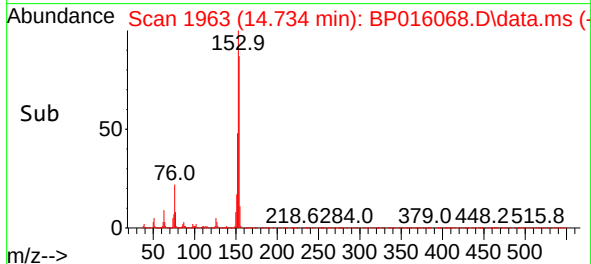
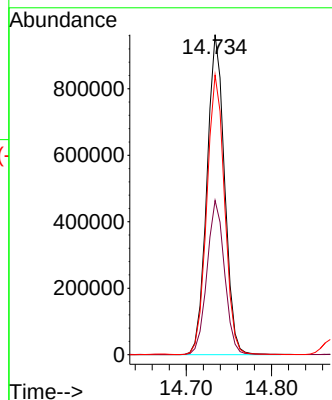


#52
Acenaphthene
Concen: 27.339 ng/ul
RT: 14.734 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Instrument :
BNA_P
ClientSampleId :

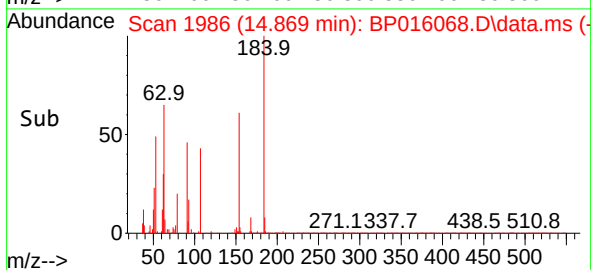
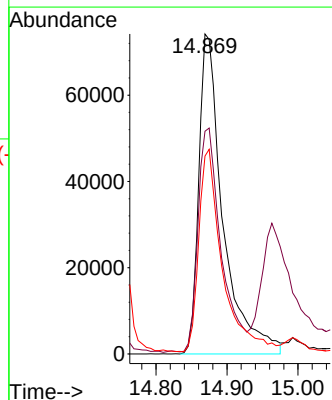
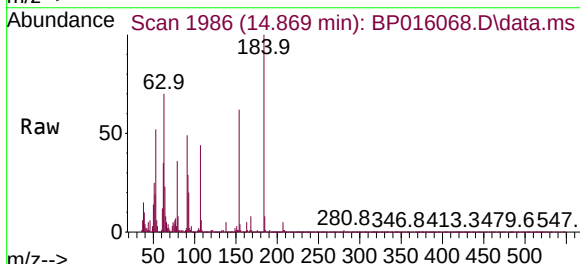


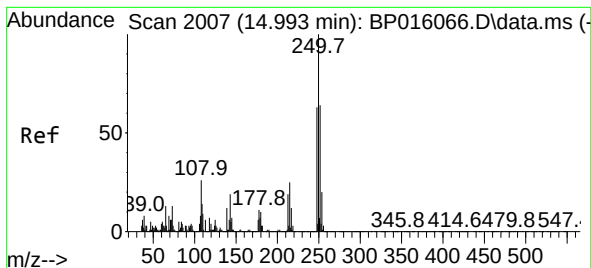
Tgt Ion:153 Resp: 1383097
Ion Ratio Lower Upper
153 100
152 48.2 39.4 59.2
154 87.4 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 26.755 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:184 Resp: 175518
Ion Ratio Lower Upper
184 100
63 69.6 71.4 107.0#
154 61.9 61.1 91.7

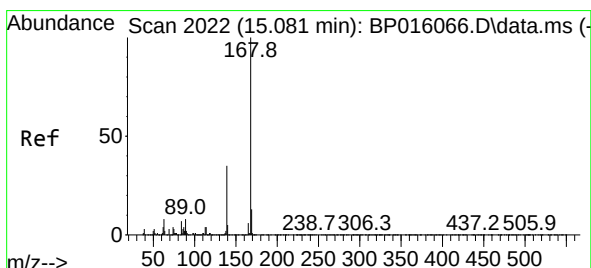
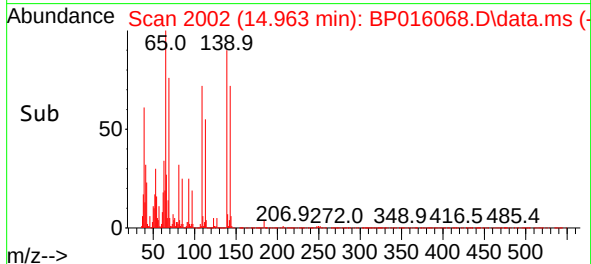
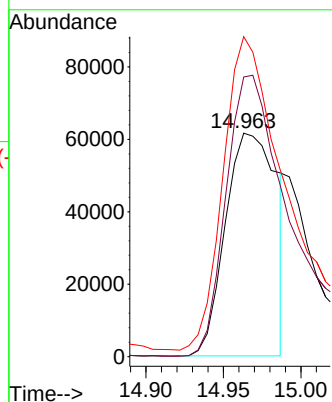
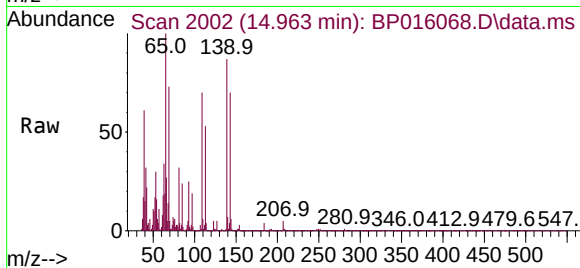




#55
4-Nitrophenol
Concen: 17.499 ng/ul
RT: 14.963 min Scan# 2021
Delta R.T. -0.018 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

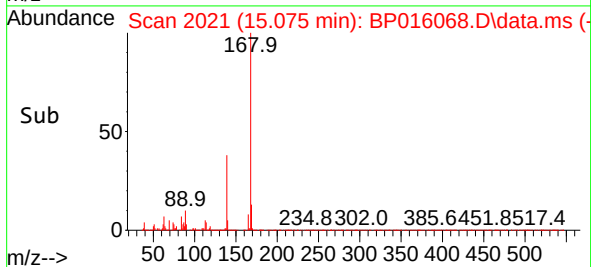
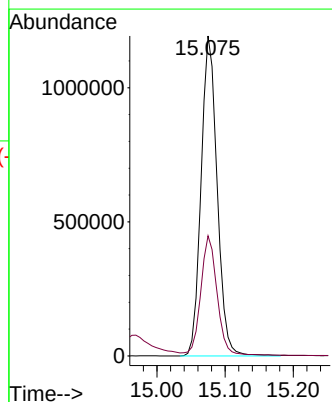
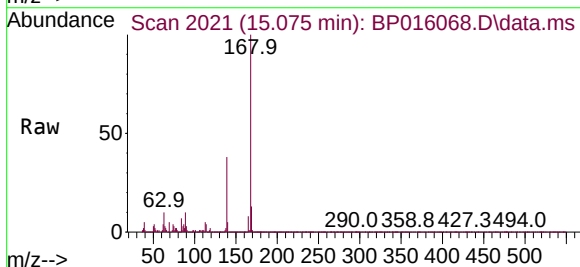
Instrument :
BNA_P
ClientSampleId :

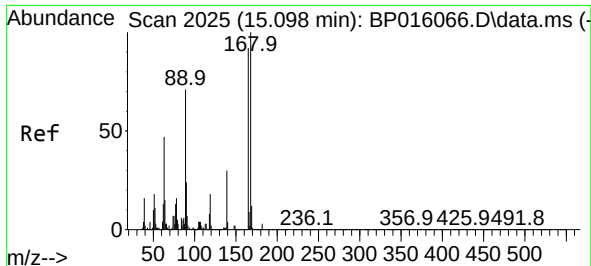
Tgt Ion:109 Resp: 140948
Ion Ratio Lower Upper
109 100
139 125.1 81.3 121.9#
65 143.1 99.9 149.9



#56
Dibenzofuran
Concen: 27.825 ng/ul
RT: 15.075 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:168 Resp: 1954147
Ion Ratio Lower Upper
168 100
139 37.6 32.2 48.4

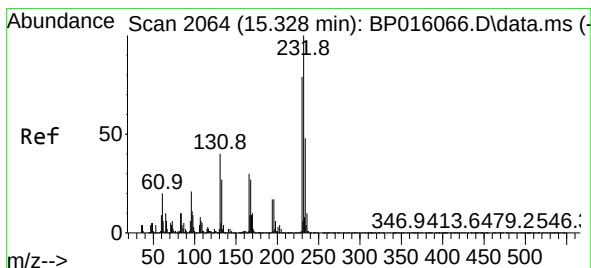
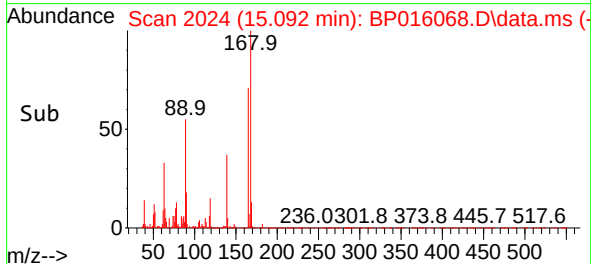
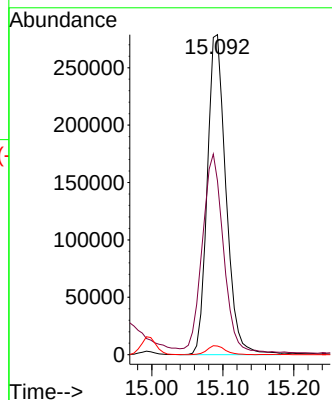
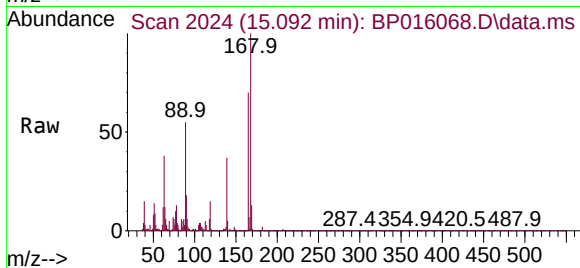




#57
2,4-Dinitrotoluene
Concen: 30.224 ng/ul
RT: 15.092 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

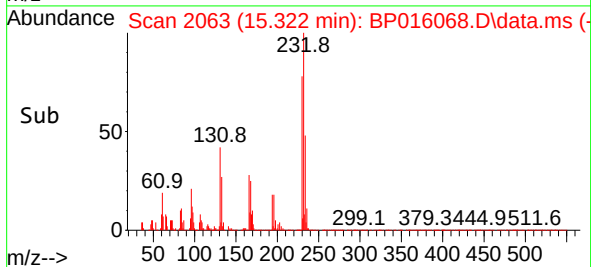
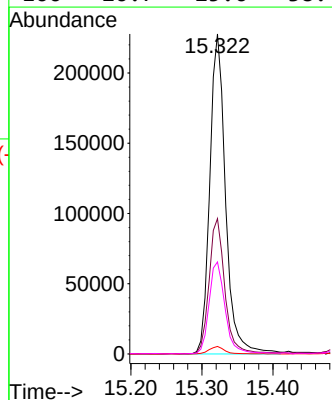
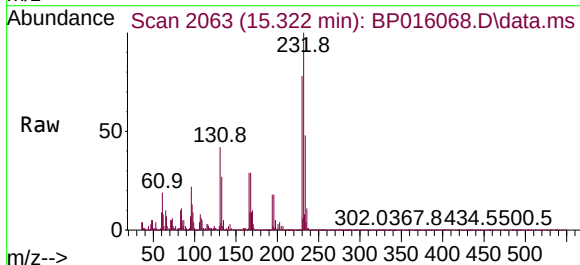
Instrument :
BNA_P
ClientSampleId :

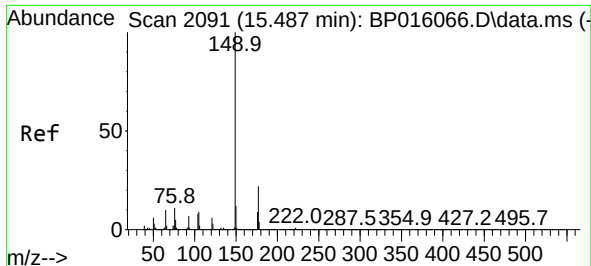
Tgt Ion:165 Resp: 509271
Ion Ratio Lower Upper
165 100
63 54.3 56.8 85.2#
182 2.7 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 24.351 ng/ul
RT: 15.322 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:232 Resp: 352084
Ion Ratio Lower Upper
232 100
131 39.3 38.2 57.2
130 2.2 2.2 3.2
166 26.7 25.6 38.4

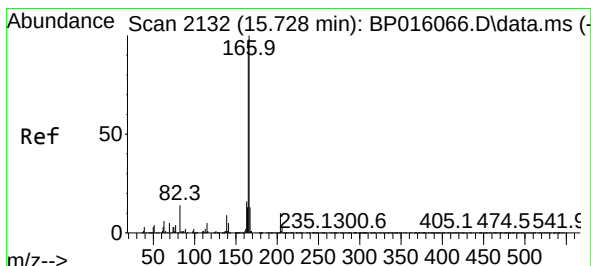
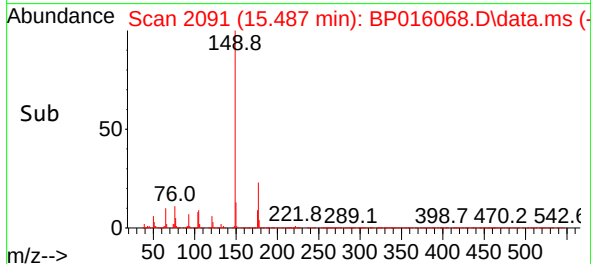
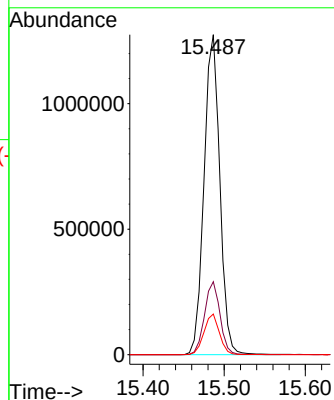
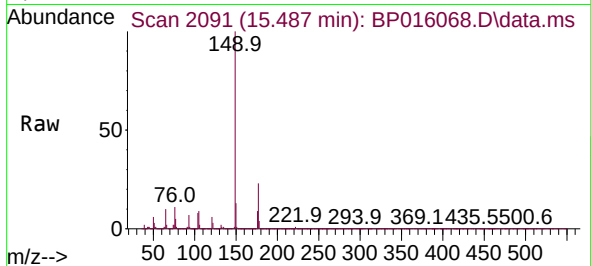




#59
Diethylphthalate
Concen: 27.875 ng/ul
RT: 15.487 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

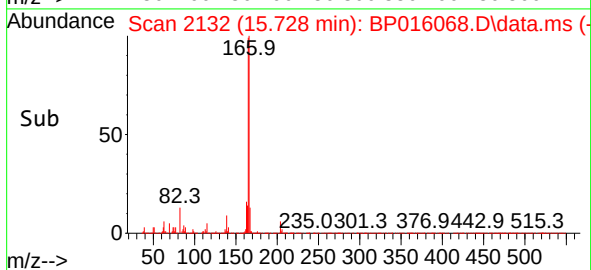
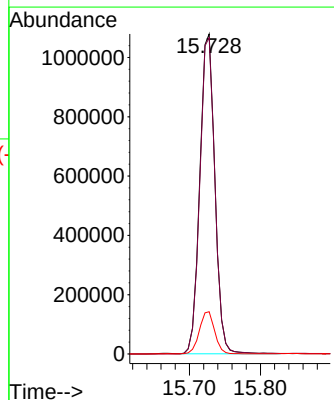
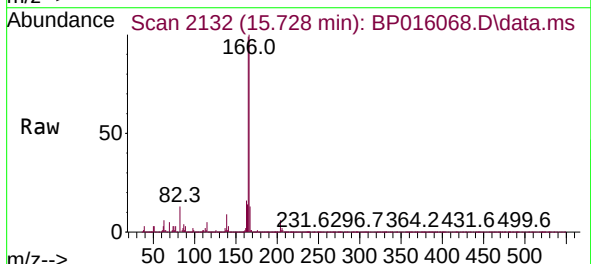
Instrument :
BNA_P
ClientSampleId :

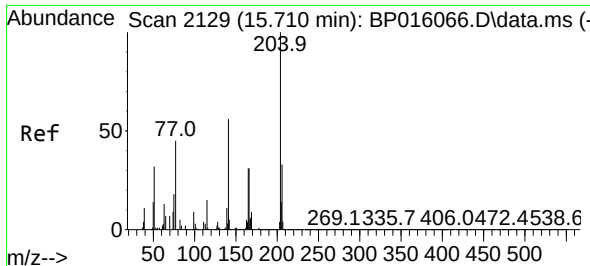
Tgt Ion:149 Resp: 1719496
Ion Ratio Lower Upper
149 100
177 22.8 16.8 25.2
150 12.7 10.3 15.5



#61
Fluorene
Concen: 27.959 ng/ul
RT: 15.728 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:166 Resp: 1592681
Ion Ratio Lower Upper
166 100
165 98.9 78.7 118.1
167 13.2 10.5 15.7

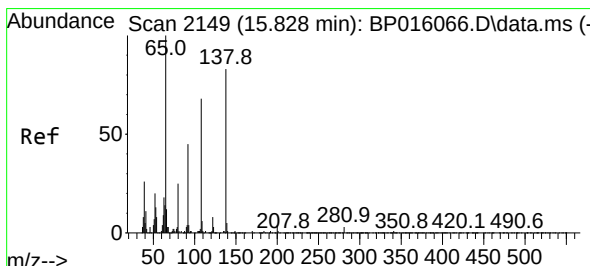
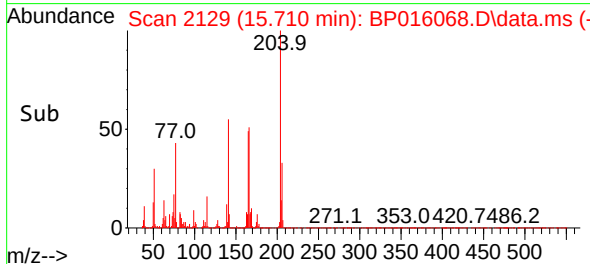
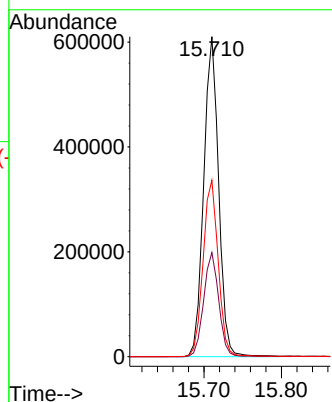
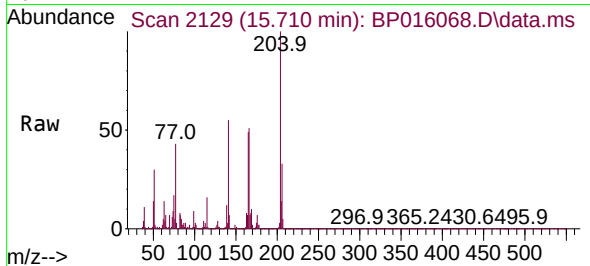




#62
4-Chlorophenyl-phenylether
Concen: 27.950 ng/ul
RT: 15.710 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

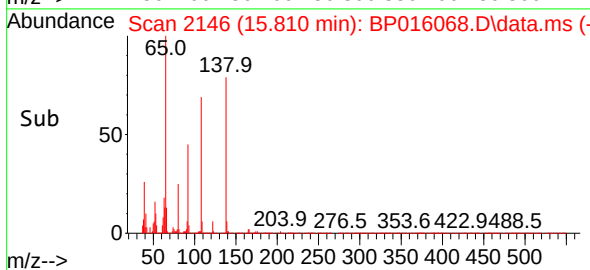
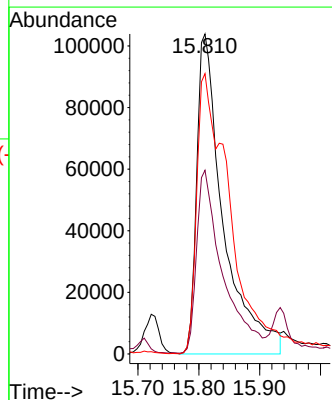
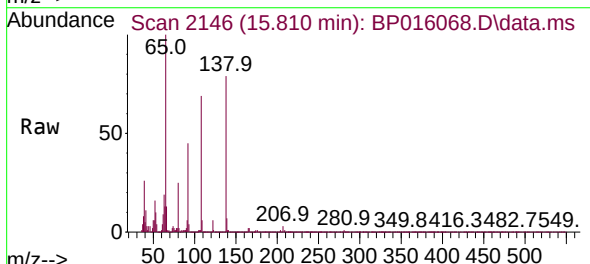
Instrument :
BNA_P
ClientSampleId :

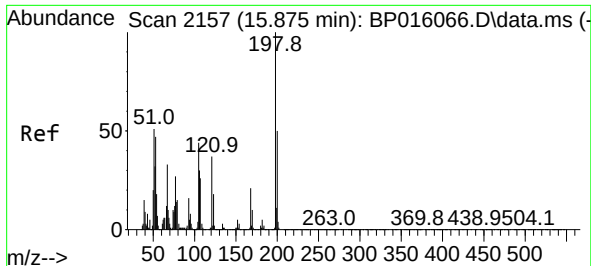
Tgt Ion:204 Resp: 814687
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 55.2 51.8 77.8



#63
4-Nitroaniline
Concen: 47.400 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:138 Resp: 314563
Ion Ratio Lower Upper
138 100
92 57.4 50.1 75.1
108 87.6 85.5 128.3

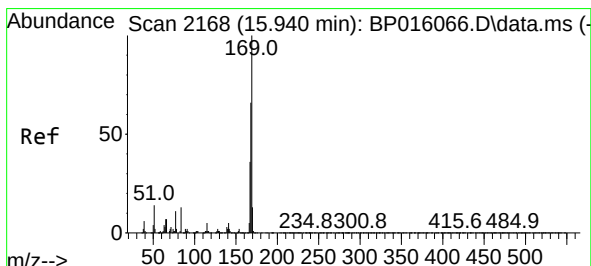
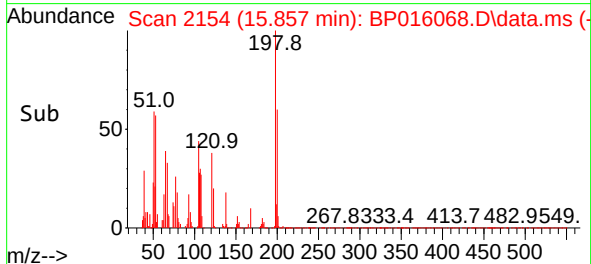
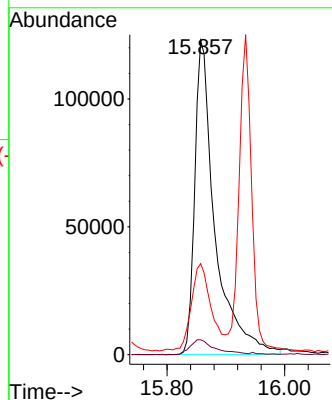
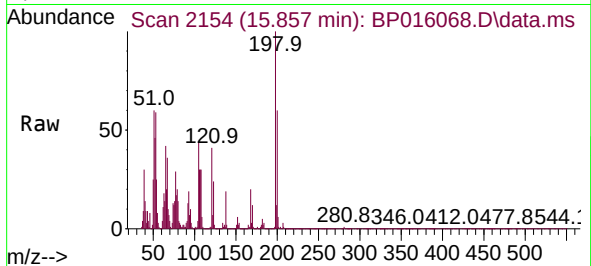




#66
4,6-Dinitro-2-methylphenol
Concen: 26.659 ng/ul
RT: 15.857 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

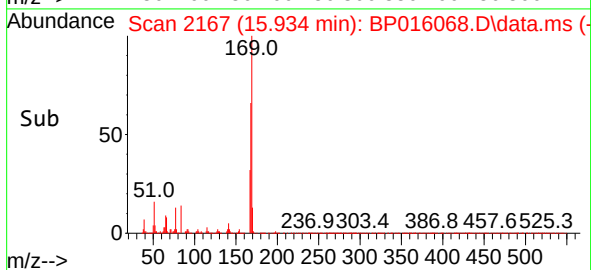
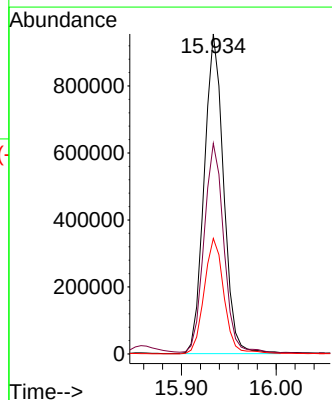
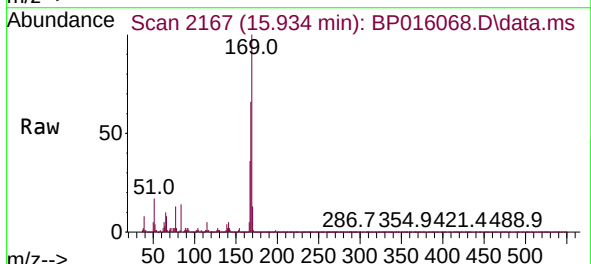
Instrument :
BNA_P
ClientSampleId :

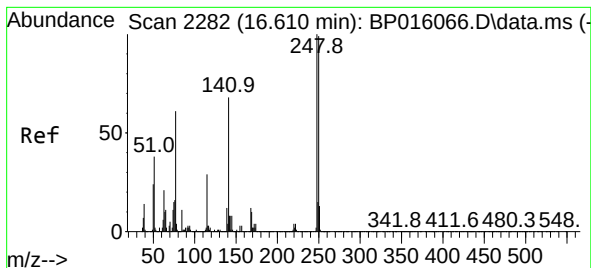
Tgt Ion:198 Resp: 293273
Ion Ratio Lower Upper
198 100
182 4.7 3.4 5.2
77 29.0 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 25.662 ng/ul
RT: 15.934 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:169 Resp: 1358197
Ion Ratio Lower Upper
169 100
168 65.8 54.2 81.4
167 36.1 29.7 44.5

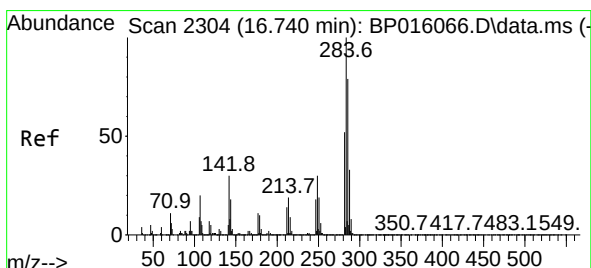
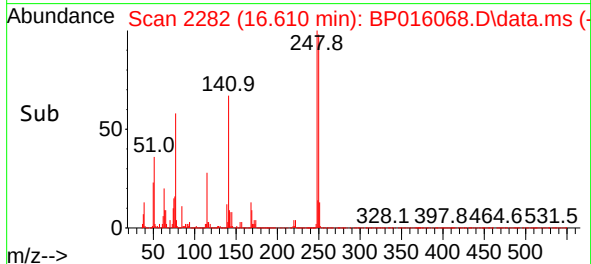
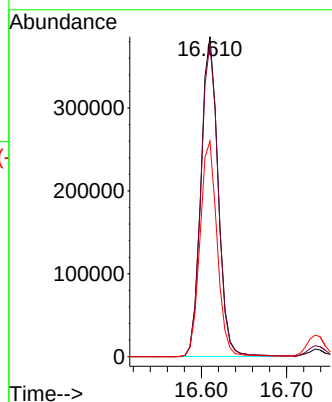
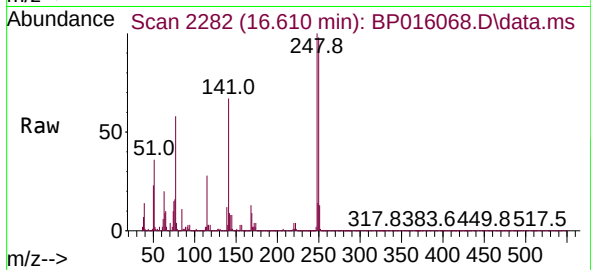




#68
4-Bromophenyl-phenylether
Concen: 26.720 ng/ul
RT: 16.610 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

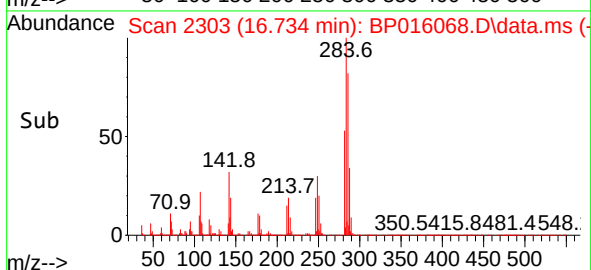
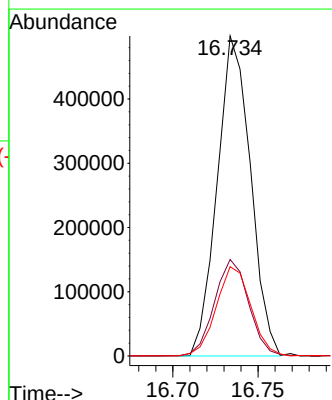
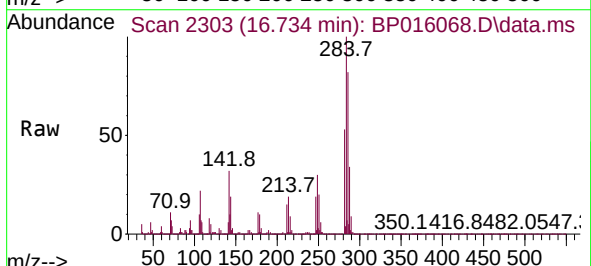
Instrument :
BNA_P
ClientSampleId :

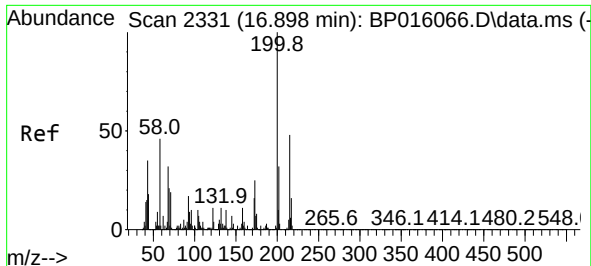
Tgt Ion:248 Resp: 539436
Ion Ratio Lower Upper
248 100
250 97.8 84.6 126.8
141 67.3 67.8 101.6#



#69
Hexachlorobenzene
Concen: 28.345 ng/ul
RT: 16.734 min Scan# 2303
Delta R.T. -0.012 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:284 Resp: 675230
Ion Ratio Lower Upper
284 100
142 30.2 27.8 41.8
249 30.6 26.1 39.1

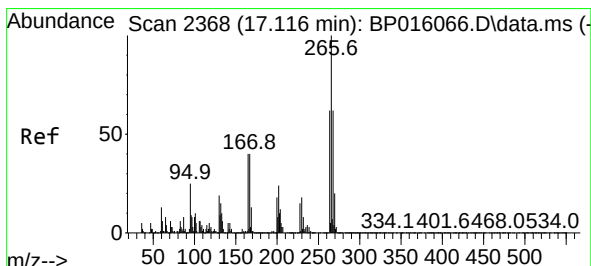
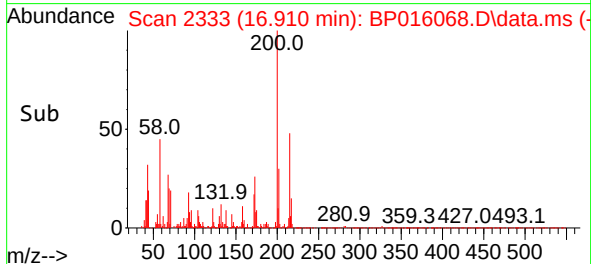
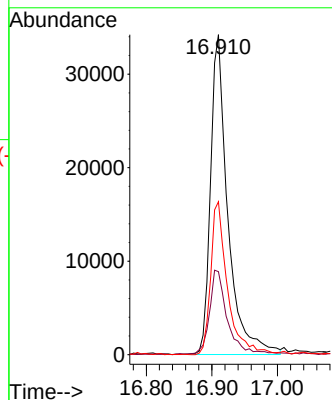
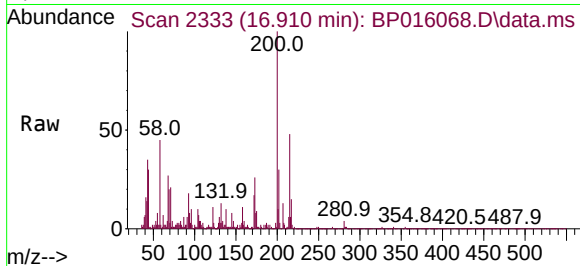




#70
Atrazine
Concen: 3.090 ng/ul
RT: 16.910 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

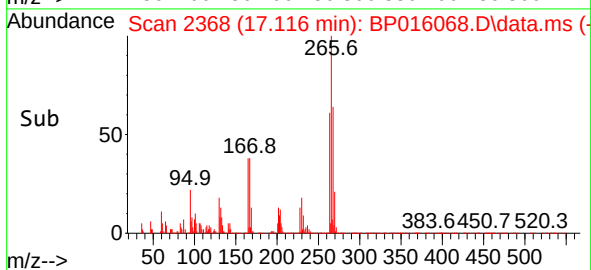
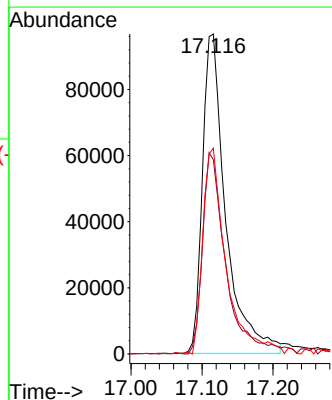
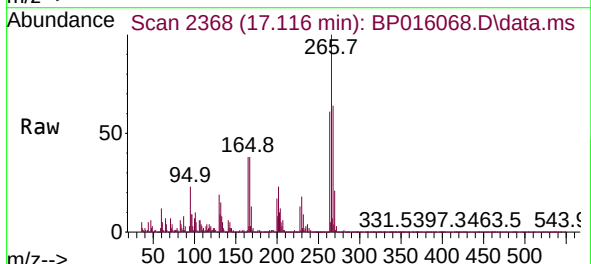
Instrument :
BNA_P
ClientSampleId :

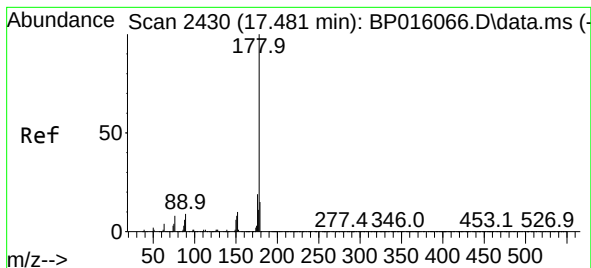
Tgt Ion:200 Resp: 62612
Ion Ratio Lower Upper
200 100
173 25.9 19.8 29.8
215 47.8 36.8 55.2



#71
Pentachlorophenol
Concen: 19.235 ng/ul
RT: 17.116 min Scan# 2368
Delta R.T. 0.000 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:266 Resp: 219911
Ion Ratio Lower Upper
266 100
264 60.7 53.4 80.2
268 68.6 51.4 77.2





#72

Phenanthrene

Concen: 27.521 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

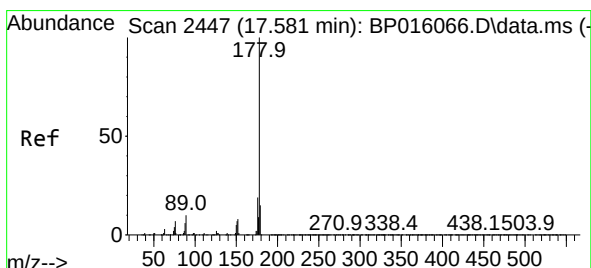
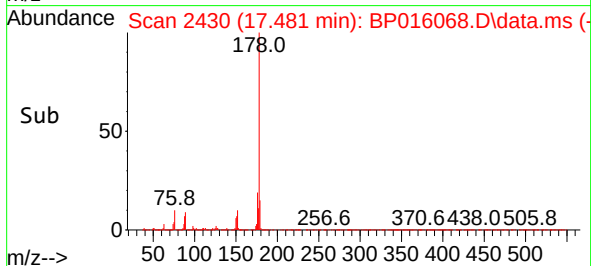
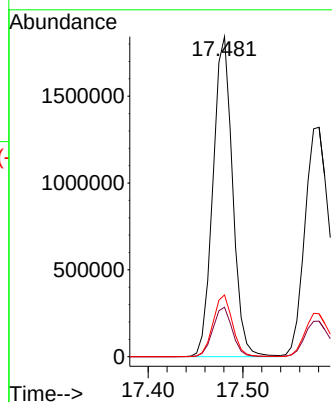
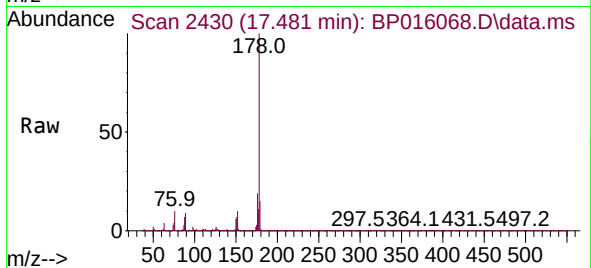
Tgt Ion:178 Resp: 2643279

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.3 15.6 23.4



#74

Anthracene

Concen: 26.678 ng/ul

RT: 17.581 min Scan# 2447

Delta R.T. 0.000 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

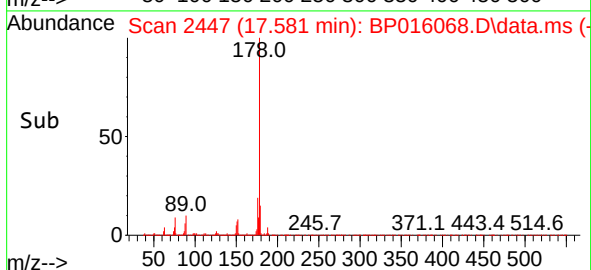
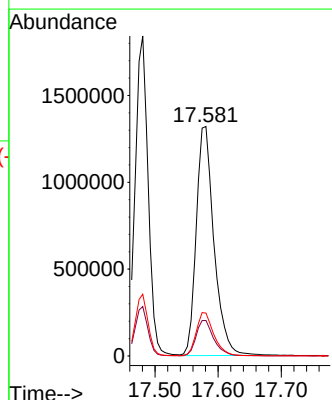
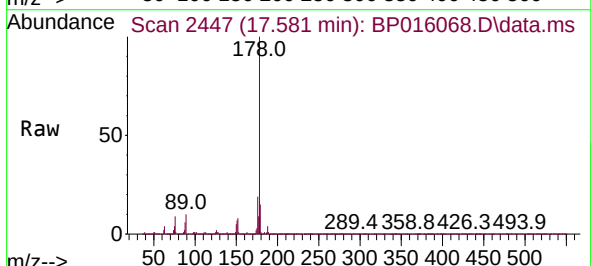
Tgt Ion:178 Resp: 2574602

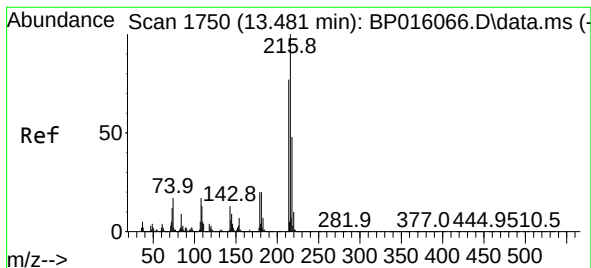
Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 18.7 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.867 ng/uL

RT: 13.475 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

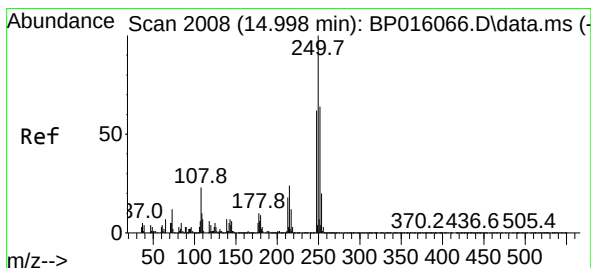
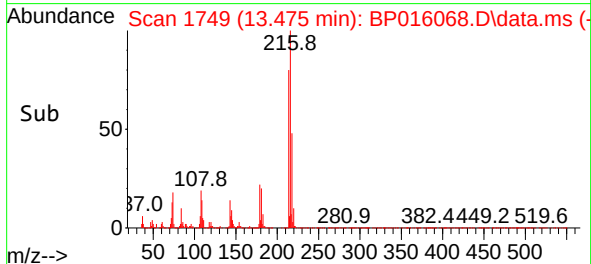
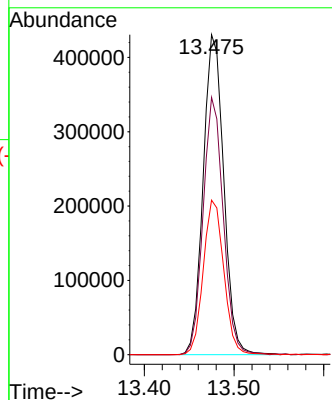
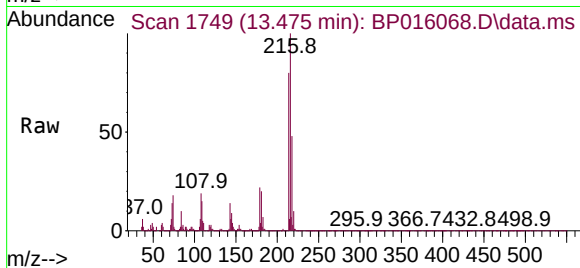
Tgt Ion:216 Resp: 686615

Ion Ratio Lower Upper

216 100

214 80.4 62.0 93.0

218 51.6 38.4 57.6



#76

Pentachlorobenzene

Concen: 25.240 ng/uL

RT: 14.998 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

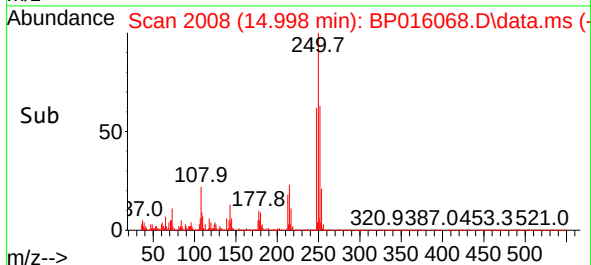
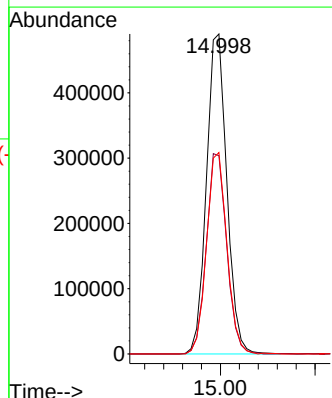
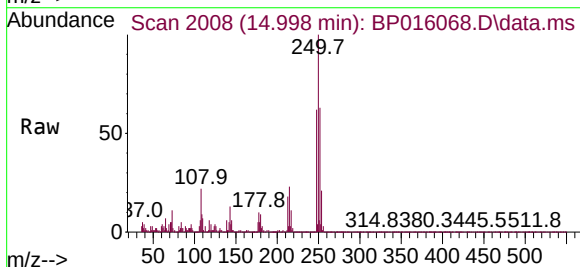
Tgt Ion:250 Resp: 732821

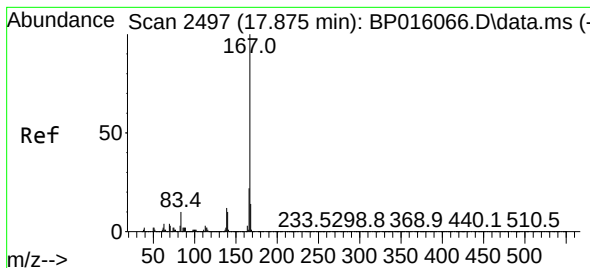
Ion Ratio Lower Upper

250 100

248 62.2 50.7 76.1

252 63.0 51.2 76.8





#77

Carbazole

Concen: 29.702 ng/ul

RT: 17.863 min Scan# 2497

Delta R.T. -0.006 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

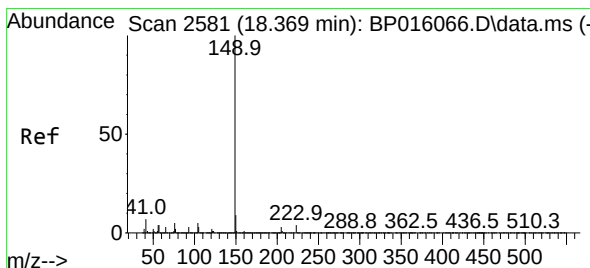
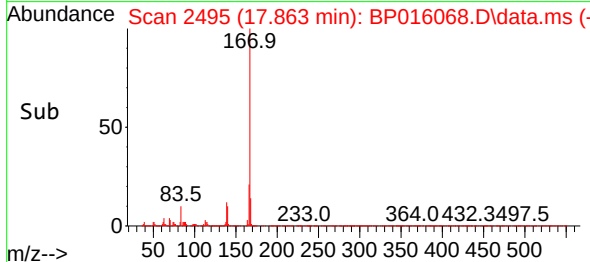
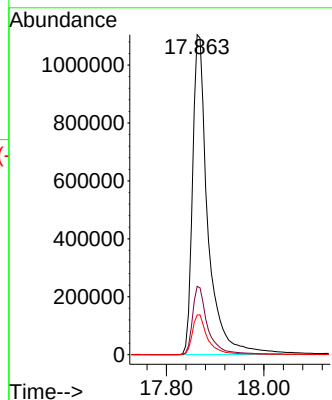
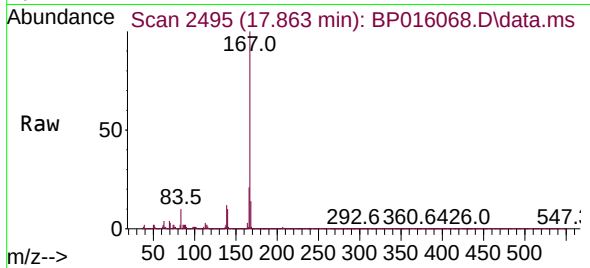
Tgt Ion:167 Resp: 2416060

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.4 11.0 16.4



#78

Di-n-butylphthalate

Concen: 28.293 ng/ul

RT: 18.363 min Scan# 2580

Delta R.T. -0.006 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

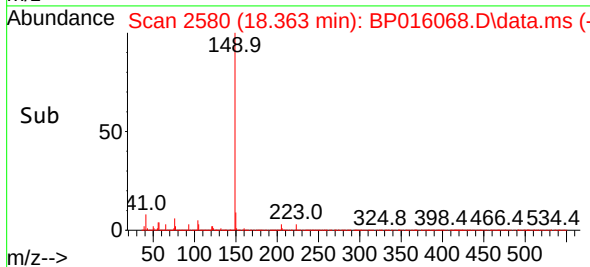
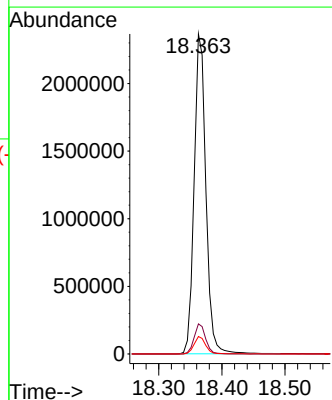
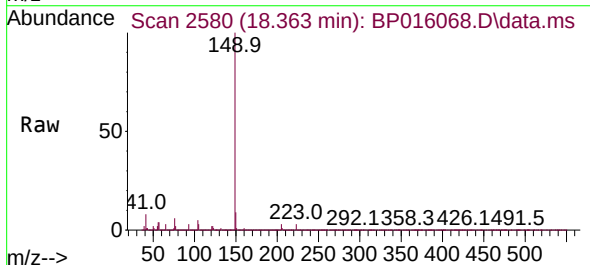
Tgt Ion:149 Resp: 3051096

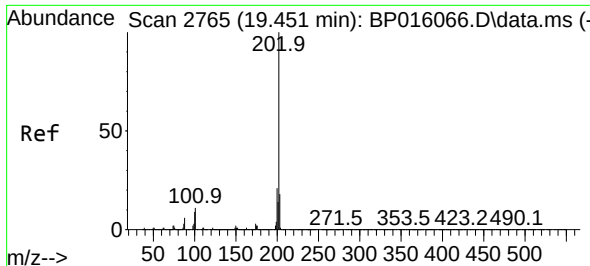
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.5 4.6 7.0

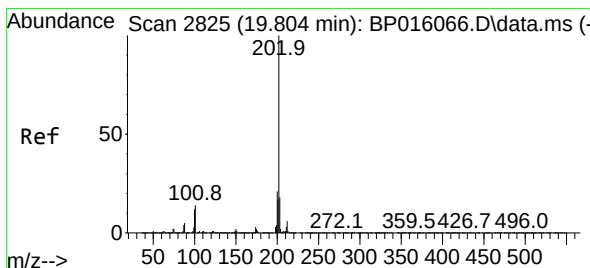
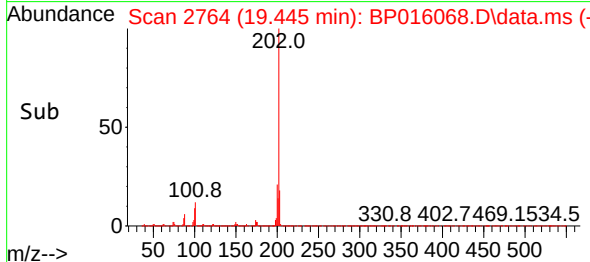
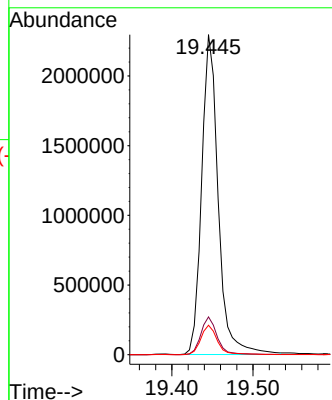
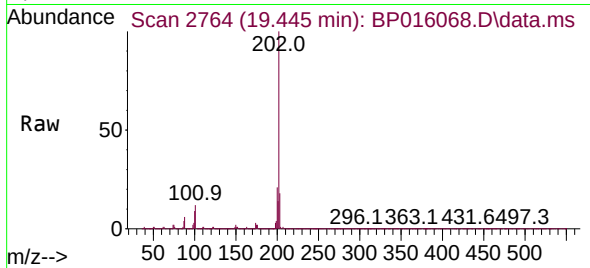




#80
Fluoranthene
Concen: 23.270 ng/ul
RT: 19.445 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

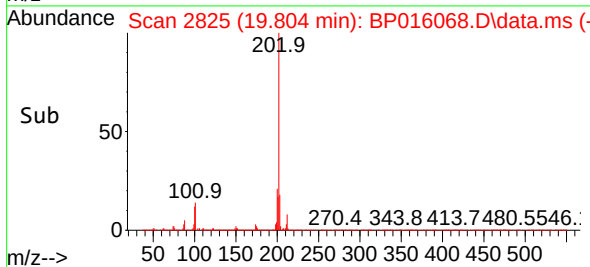
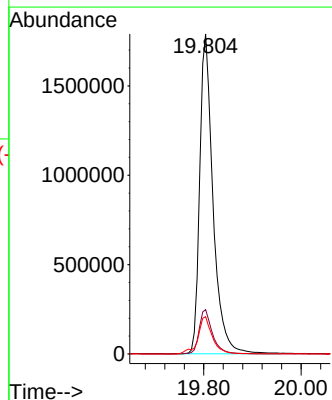
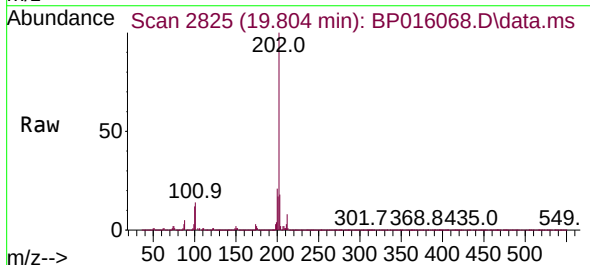
Instrument :
BNA_P
ClientSampleId :

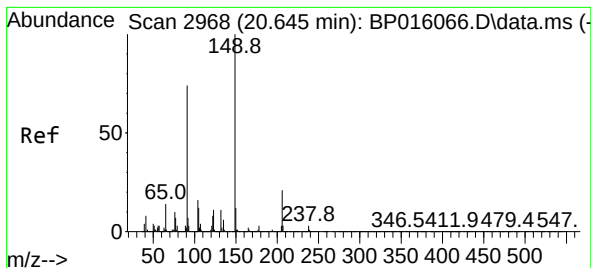
Tgt Ion:202 Resp: 3256560
Ion Ratio Lower Upper
202 100
101 11.8 8.3 12.5
100 9.2 6.6 9.8



#82
Pyrene
Concen: 23.791 ng/ul
RT: 19.804 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:202 Resp: 3396296
Ion Ratio Lower Upper
202 100
101 13.9 9.3 13.9
100 11.7 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 24.740 ng/ul

RT: 20.645 min Scan# 2968

Delta R.T. 0.000 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

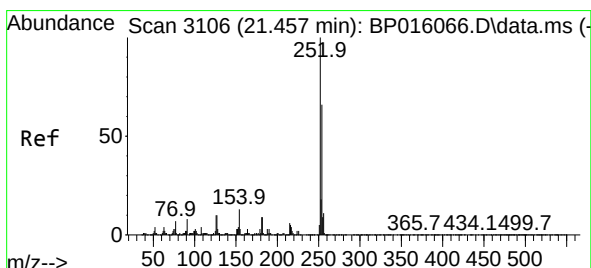
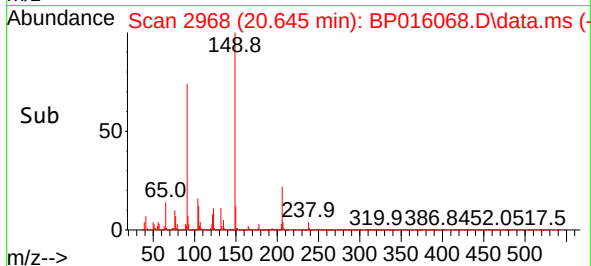
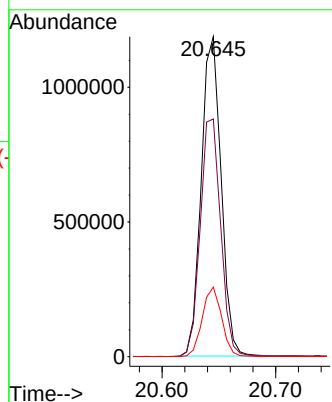
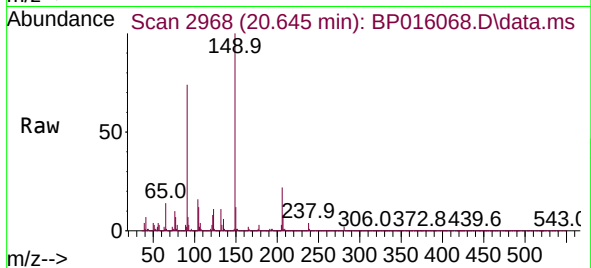
Tgt Ion:149 Resp: 1440847

Ion Ratio Lower Upper

149 100

91 74.3 59.8 89.6

206 21.8 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 28.468 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

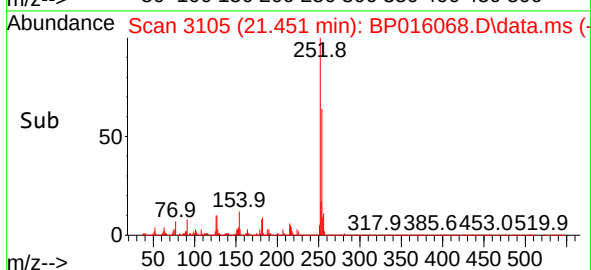
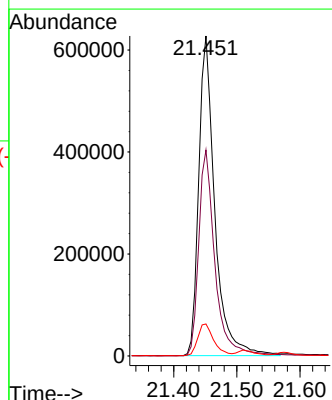
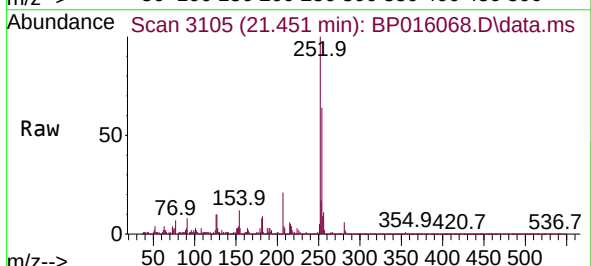
Tgt Ion:252 Resp: 1109790

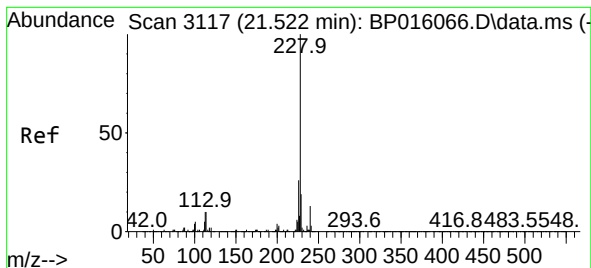
Ion Ratio Lower Upper

252 100

254 64.3 51.0 76.6

126 10.0 8.6 13.0





#85

Benzo(a)anthracene

Concen: 26.304 ng/ul

RT: 21.516 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

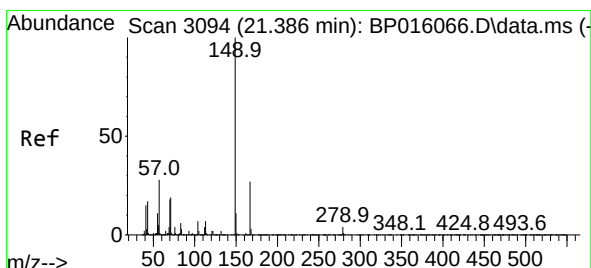
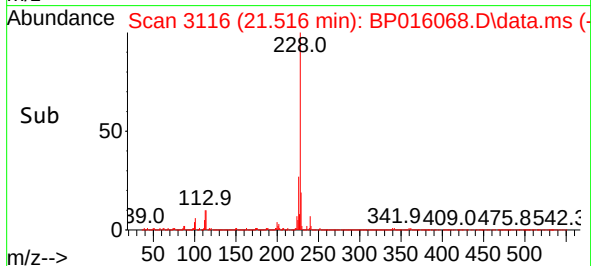
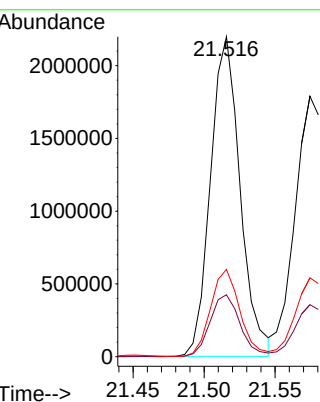
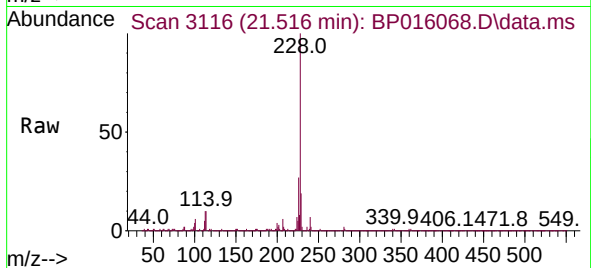
Tgt Ion:228 Resp: 3190897

Ion Ratio Lower Upper

228 100

229 19.4 15.3 22.9

226 27.2 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.937 ng/ul

RT: 21.386 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

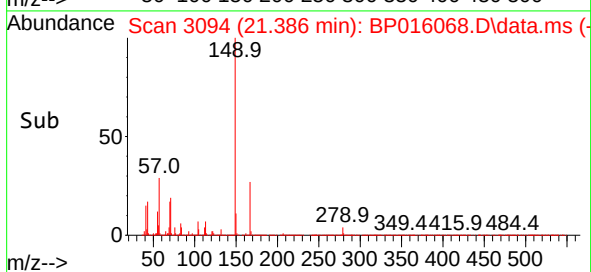
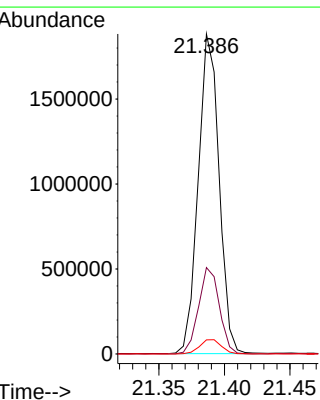
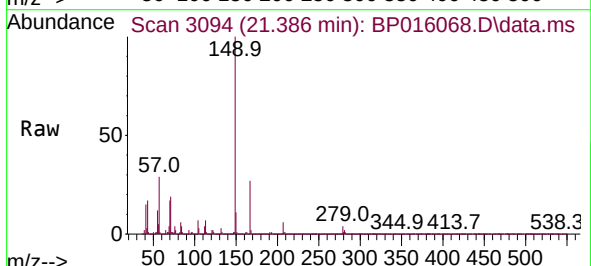
Tgt Ion:149 Resp: 2076021

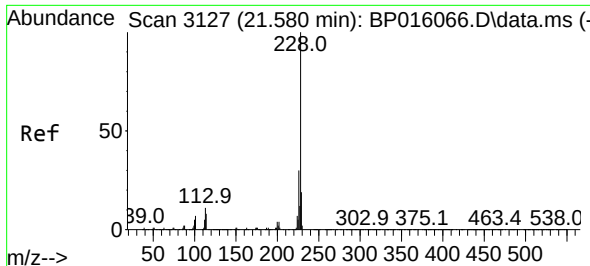
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.6

279 4.4 3.8 5.6

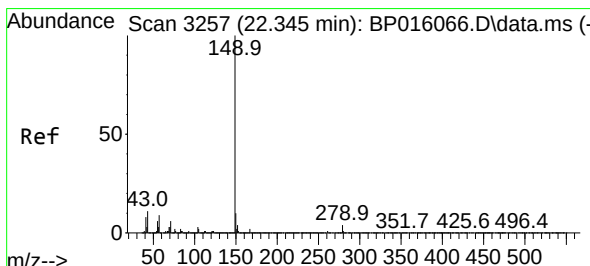
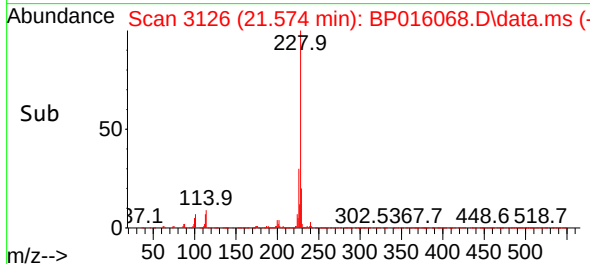
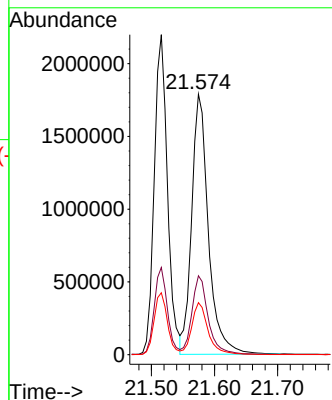
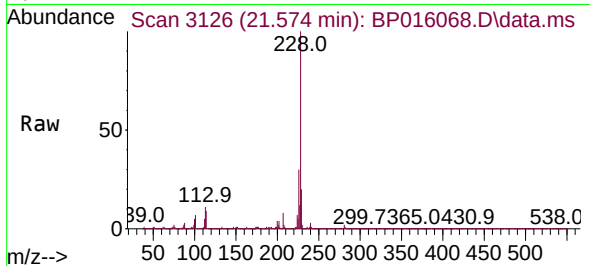




#87
Chrysene
Concen: 28.506 ng/ul
RT: 21.574 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

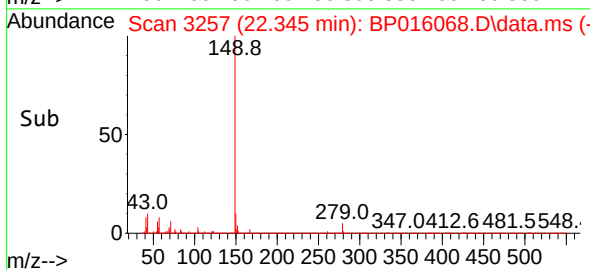
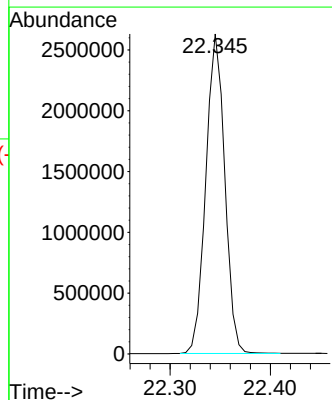
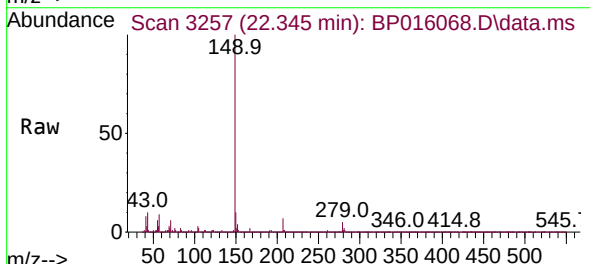
Instrument :
BNA_P
ClientSampleId :

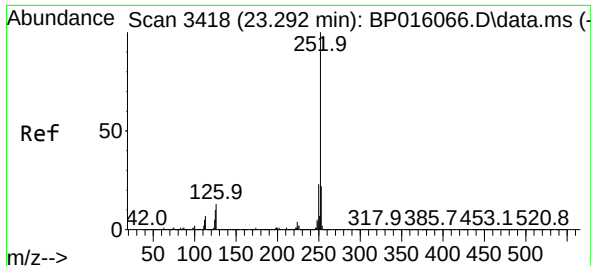
Tgt Ion:228 Resp: 3280898
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.0 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 26.831 ng/ul
RT: 22.345 min Scan# 3257
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:149 Resp: 3457946

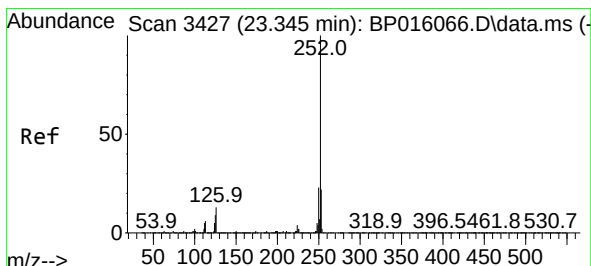
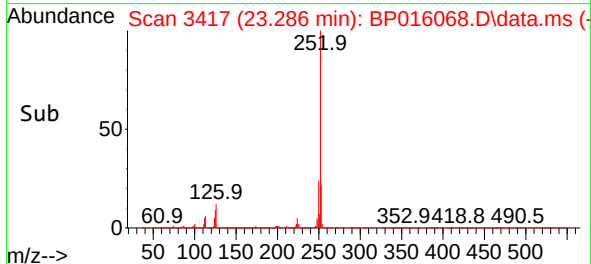
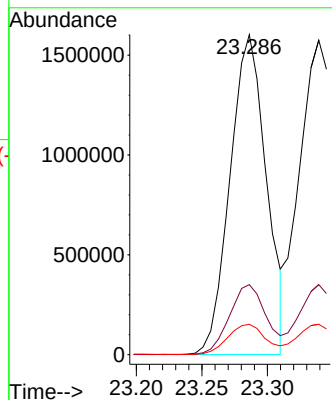
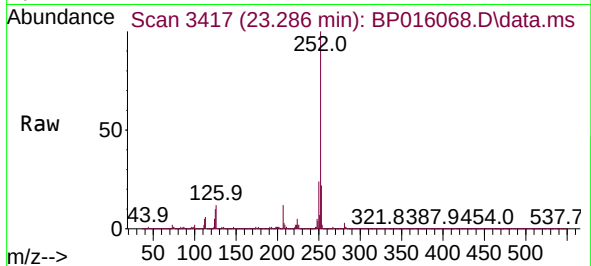




#90
Benzo(b)fluoranthene
Concen: 27.194 ng/ul
RT: 23.286 min Scan# 3418
Delta R.T. -0.006 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

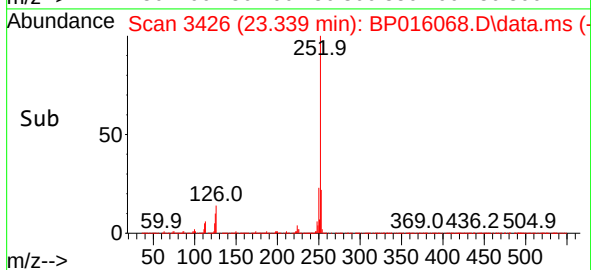
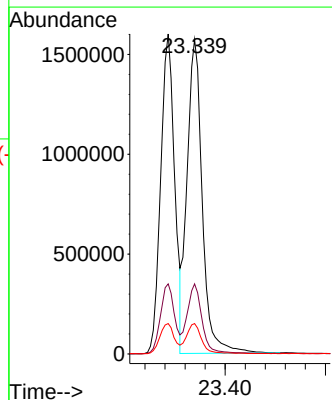
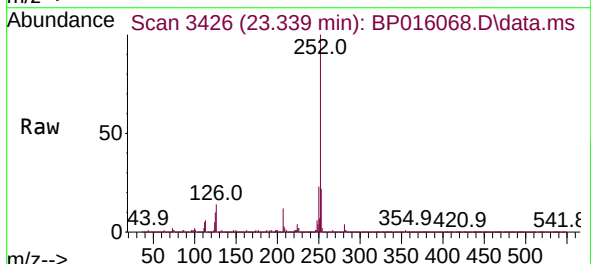
Instrument :
BNA_P
ClientSampleId :

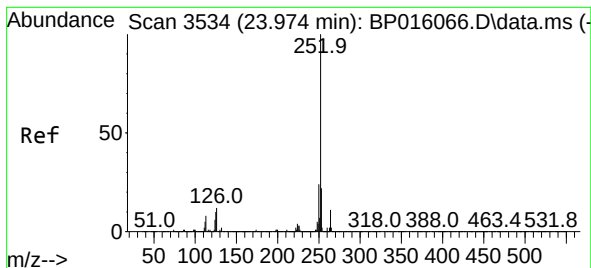
Tgt Ion:252 Resp: 3081408
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.5 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 28.996 ng/ul
RT: 23.339 min Scan# 3426
Delta R.T. 0.000 min
Lab File: BP016068.D
Acq: 07 Jul 2023 13:35

Tgt Ion:252 Resp: 3319684
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 9.7 7.3 10.9





#93

Benzo(a)pyrene

Concen: 27.416 ng/ul

RT: 23.963 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

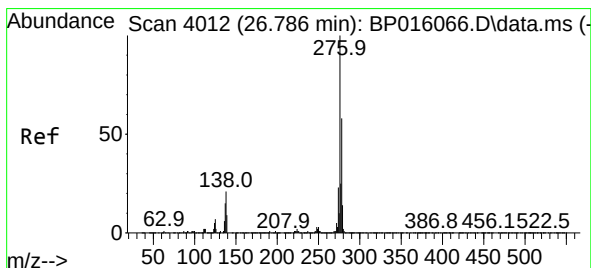
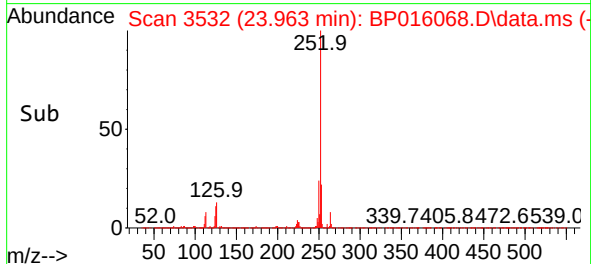
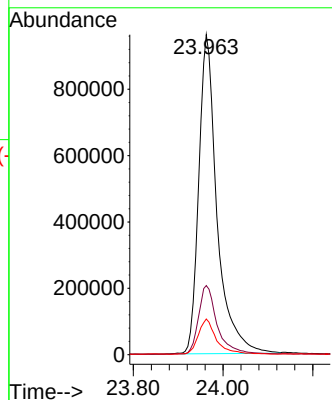
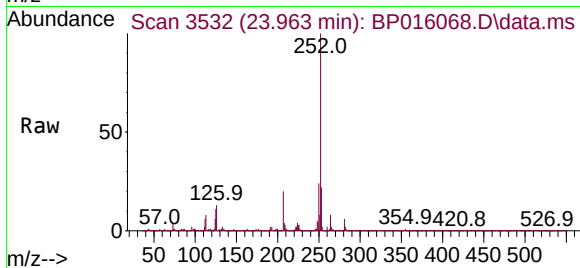
Tgt Ion:252 Resp: 2714493

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 11.1 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 23.180 ng/ul

RT: 26.762 min Scan# 4008

Delta R.T. -0.012 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

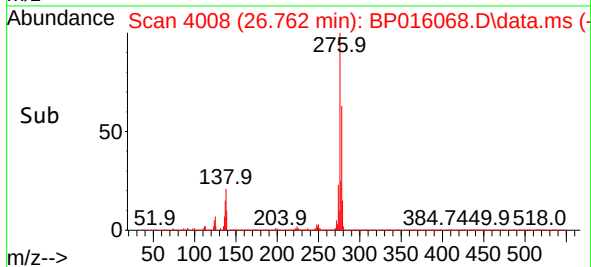
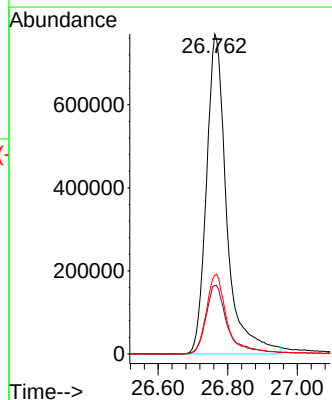
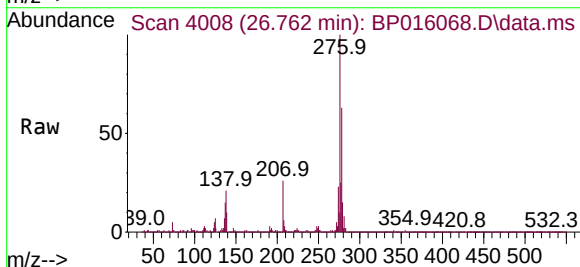
Tgt Ion:276 Resp: 3115685

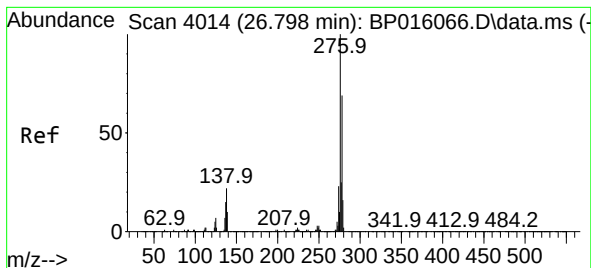
Ion Ratio Lower Upper

276 100

138 21.3 15.7 23.5

277 24.6 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 23.449 ng/ul

RT: 26.768 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Instrument :

BNA_P

ClientSampleId :

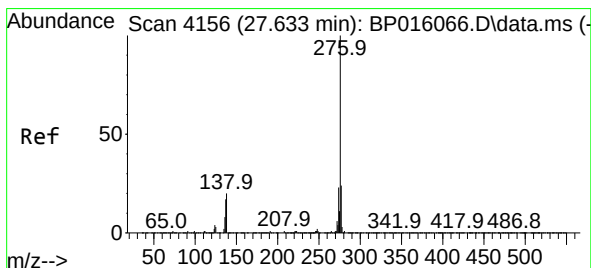
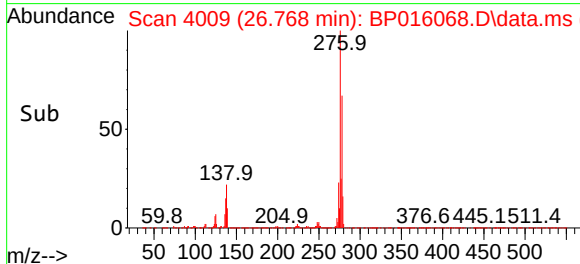
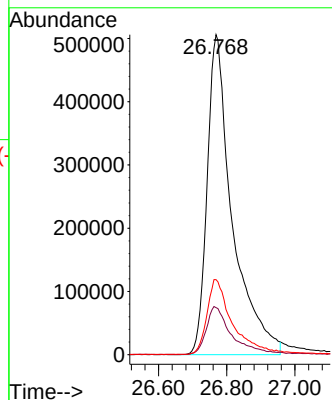
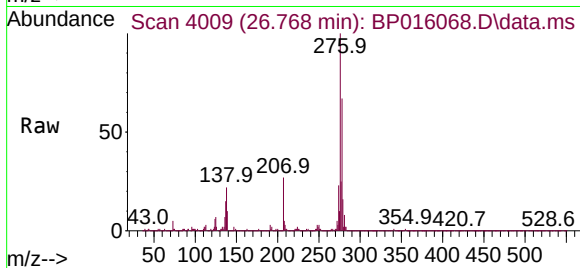
Tgt Ion:278 Resp: 2588838

Ion Ratio Lower Upper

278 100

139 14.7 10.5 15.7

279 23.5 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 22.085 ng/ul

RT: 27.609 min Scan# 4152

Delta R.T. -0.012 min

Lab File: BP016068.D

Acq: 07 Jul 2023 13:35

Tgt Ion:276 Resp: 2442104

Ion Ratio Lower Upper

276 100

138 19.6 15.1 22.7

277 23.9 18.8 28.2

