

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016047.D
 Acq On : 06 Jul 2023 23:45
 Operator : MA/JU
 Sample : 03283-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXYW5MSD

Quant Time: Jul 07 00:29:51 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	279400	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	1228625	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	792688	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1805244	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1746420	20.000	ng/u1	-0.01
88) Perylene-d12	24.074	264	1884626	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	32503	4.185	ng/uL	0.00
4) Pyridine-d5	3.805	84	178430	9.115	ng/u1	0.00
7) Phenol-d5	7.222	99	165258	6.913	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	595513	40.265	ng/u1	0.00
11) 2-Chlorophenol-d4	7.557	132	534611	29.625	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	335907	17.787	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	384623	40.963	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	422112	38.518	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	689190	35.291	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.010	131	750815	29.929	ng/u1	-0.01
46) Dimethylphthalate-d6	14.087	166	2685652	43.834	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	2847023	41.336	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	32024	3.961	ng/u1	0.00
60) Fluorene-d10	15.669	176	2193673	43.483	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	488086	43.963	ng/u1	-0.01
73) Anthracene-d10	17.539	188	3531586	42.828	ng/u1	0.00
81) Pyrene-d10	19.769	212	4400826	38.591	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	4261394	44.824	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	160187	19.168	ng/uL	98
5) Pyridine	3.828	79	211322	10.319	ng/u1	98
6) Benzaldehyde	7.169	77	543968	56.281	ng/u1	95
8) Phenol	7.252	94	177587	7.159	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.446	93	734061	37.190	ng/u1	99
12) 2-Chlorophenol	7.593	128	523823	27.322	ng/u1	98
13) 2-Methylphenol	8.493	108	391073	20.879	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1058391	39.260	ng/u1	98
16) Acetophenone	8.869	105	1174719	37.840	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.840	70	650477	37.726	ng/u1	99
18) 4-Methylphenol	8.834	108	361919	17.984	ng/u1	99
19) Hexachloroethane	9.093	117	246439	27.831	ng/u1	97
22) Nitrobenzene	9.257	77	908702	34.462	ng/u1	94
23) Isophorone	9.781	82	1875630	37.171	ng/u1	98
25) 2-Nitrophenol	9.969	139	417172	35.869	ng/u1	91
26) 2,4-Dimethylphenol	10.034	107	509723	19.937	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.251	93	1098833	38.576	ng/u1	98
29) 2,4-Dichlorophenol	10.522	162	641026	33.017	ng/u1	99
30) Naphthalene	10.893	128	2239284	33.527	ng/u1	99
32) 4-Chloroaniline	11.040	127	830013	31.846	ng/u1	97
33) Hexachlorobutadiene	11.157	225	425317	29.008	ng/u1	99
34) Caprolactam	11.881	113	30345	5.110	ng/u1	93
35) 4-Chloro-3-methylphenol	12.169	107	670095	29.486	ng/u1	94
36) 2-Methylnaphthalene	12.504	142	1598597	36.358	ng/u1	97

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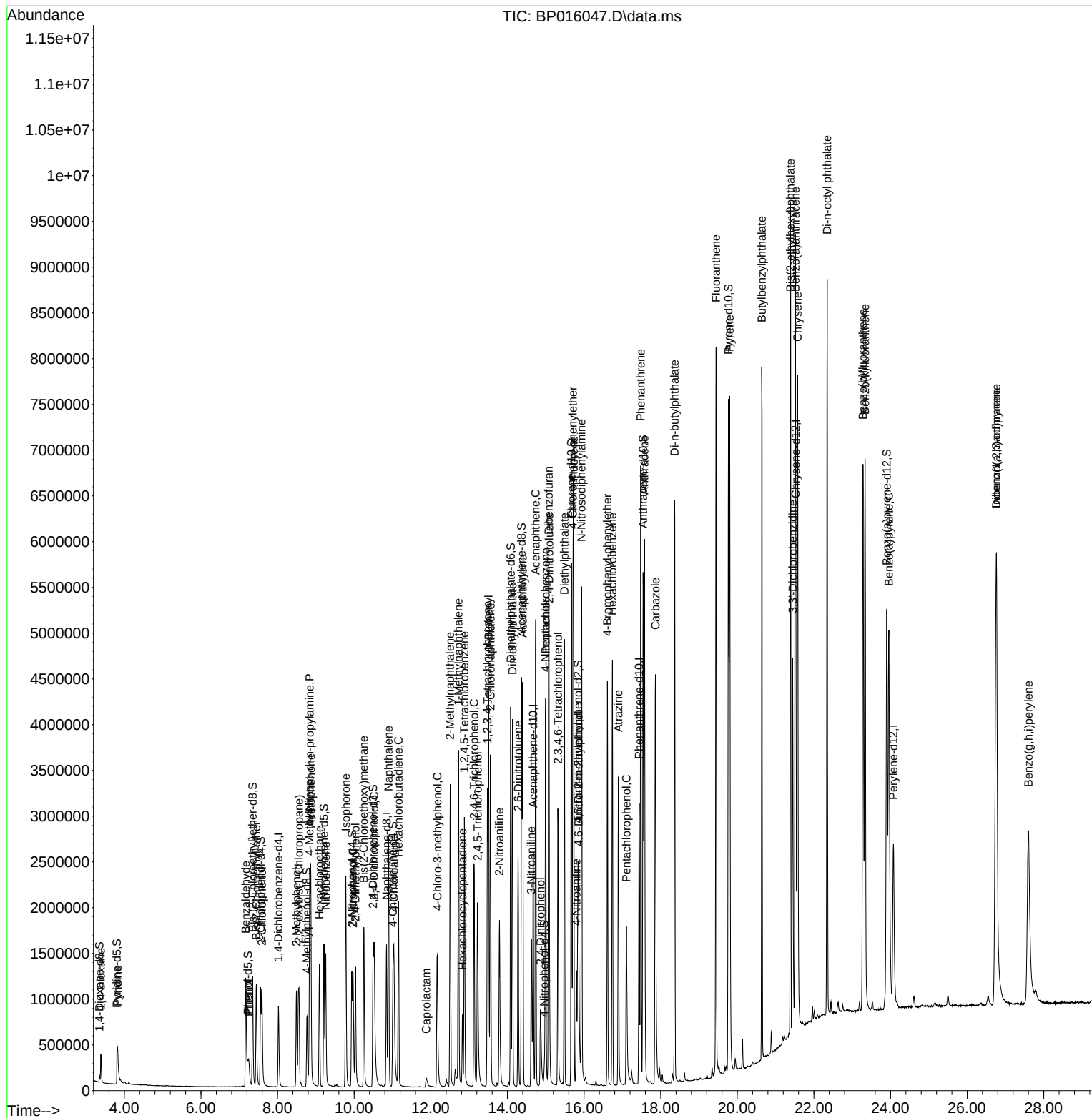
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1644852	36.672	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	943307	36.112	ng/ul	98
40) Hexachlorocyclopentadiene	12.828	237	199286	25.502	ng/ul	96
41) 2,4,6-Trichlorophenol	13.128	196	614252	37.209	ng/ul	98
42) 2,4,5-Trichlorophenol	13.222	196	669657	38.244	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	2280372	36.320	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1797709	36.346	ng/ul	97
45) 2-Nitroaniline	13.792	65	639855	41.114	ng/ul	91
47) Dimethylphthalate	14.134	163	2500996	39.443	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	548963	42.681	ng/ul	92
50) Acenaphthylene	14.398	152	2868310	37.796	ng/ul	100
51) 3-Nitroaniline	14.622	138	491816	48.761	ng/ul	96
52) Acenaphthene	14.739	153	1994240	37.895	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	275552	40.381	ng/ul#	82
55) 4-Nitrophenol	14.992	109	89605	10.694	ng/ul#	34
56) Dibenzofuran	15.075	168	2818502	38.581	ng/ul	96
57) 2,4-Dinitrotoluene	15.086	165	767209	43.772	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.316	232	635084	42.226	ng/ul	94
59) Diethylphthalate	15.486	149	2592990	40.411	ng/ul	98
61) Fluorene	15.728	166	2341699	39.519	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	1183607	39.037	ng/ul	93
63) 4-Nitroaniline	15.798	138	456615	66.146	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.857	198	457998	40.773	ng/ul	95
67) N-Nitrosodiphenylamine	15.934	169	2032138	37.602	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	812814	39.429	ng/ul	87
69) Hexachlorobenzene	16.739	284	1003891	41.272	ng/ul#	92
70) Atrazine	16.898	200	667934	32.288	ng/ul	97
71) Pentachlorophenol	17.104	266	467889	40.079	ng/ul	97
72) Phenanthrene	17.480	178	3926708	40.039	ng/ul	100
74) Anthracene	17.575	178	3919946	39.778	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	972763	33.115	ng/ul	99
76) Pentachlorobenzene	14.998	250	1068758	36.049	ng/ul	96
77) Carbazole	17.863	167	3676196	44.260	ng/ul	99
78) Di-n-butylphthalate	18.363	149	4604058	41.812	ng/ul	100
80) Fluoranthene	19.445	202	4876459	34.408	ng/ul	98
82) Pyrene	19.798	202	5012453	34.671	ng/ul#	94
83) Butylbenzylphthalate	20.639	149	2184710	37.041	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	1657252	41.978	ng/ul	98
85) Benzo(a)anthracene	21.516	228	4815416	39.197	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	3139410	38.731	ng/ul	99
87) Chrysene	21.574	228	4760315	40.841	ng/ul	100
89) Di-n-octyl phthalate	22.345	149	5306953	38.531	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	4958306	40.945	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	4859348	39.717	ng/ul	98
93) Benzo(a)pyrene	23.957	252	4253261	40.197	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.762	276	5033953	35.045	ng/ul	96
95) Dibenzo(a,h)anthracene	26.762	278	4225300	35.812	ng/ul	98
96) Benzo(g,h,i)perylene	27.603	276	3979501	33.676	ng/ul	99

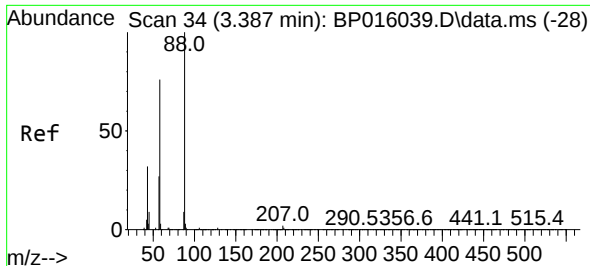
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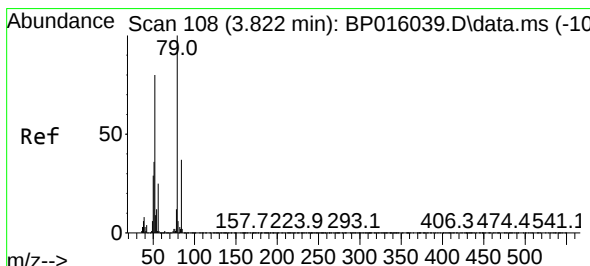
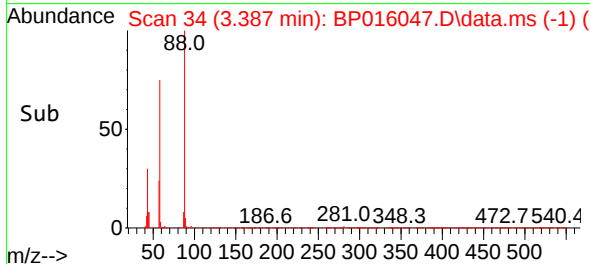
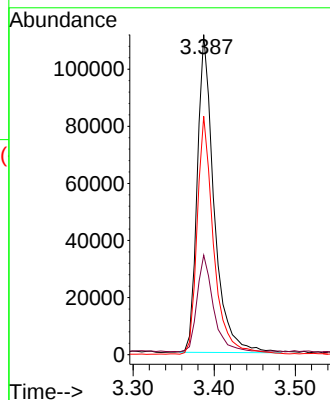
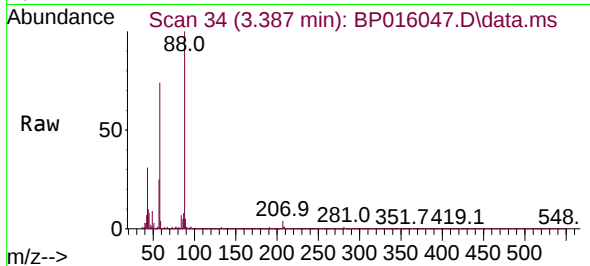




#2
 1,4-Dioxane
 Concen: 19.168 ng/uL
 RT: 3.387 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BP016047.D
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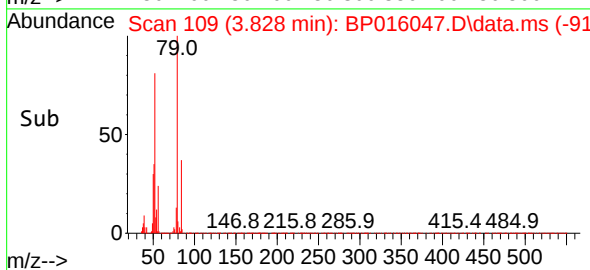
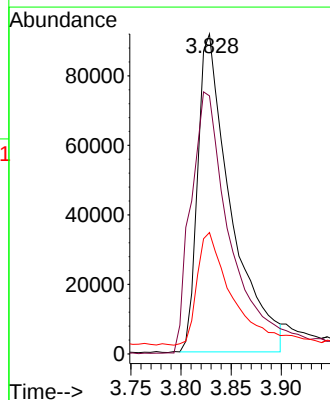
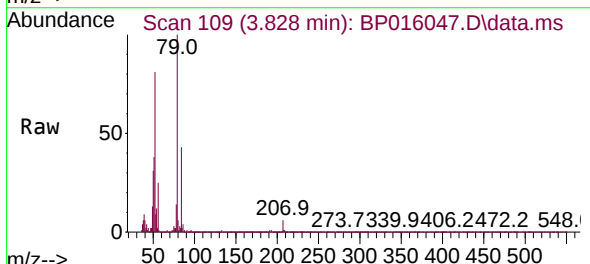
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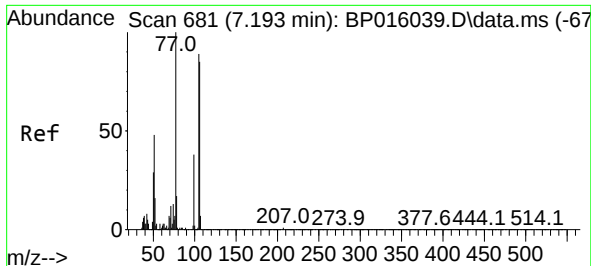
Tgt Ion: 88 Resp: 160187
 Ion Ratio Lower Upper
 88 100
 43 31.1 27.4 41.2
 58 74.5 59.8 89.8



#5
 Pyridine
 Concen: 10.319 ng/uL
 RT: 3.828 min Scan# 109
 Delta R.T. 0.006 min
 Lab File: BP016047.D
 Acq: 06 Jul 2023 23:45

Tgt Ion: 79 Resp: 211322
 Ion Ratio Lower Upper
 79 100
 52 80.6 65.5 98.3
 51 37.9 31.8 47.8

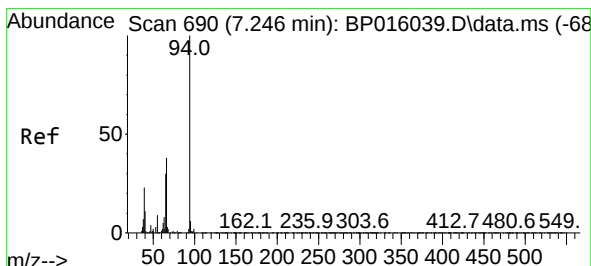
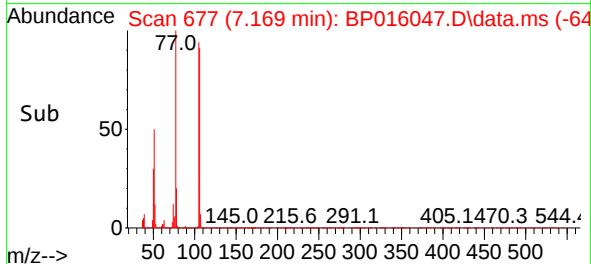
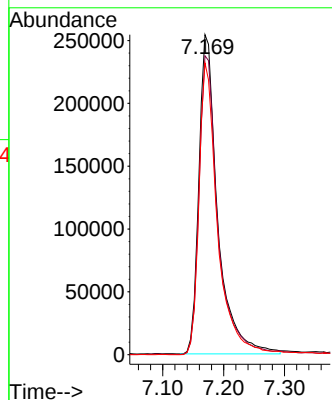
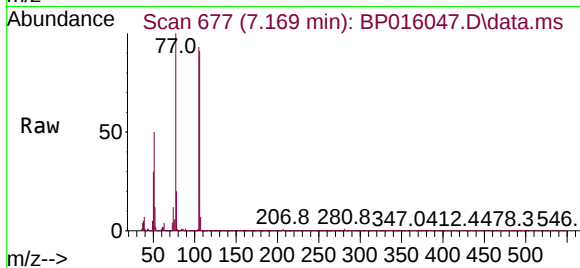




#6
Benzaldehyde
Concen: 56.281 ng/ul
RT: 7.169 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

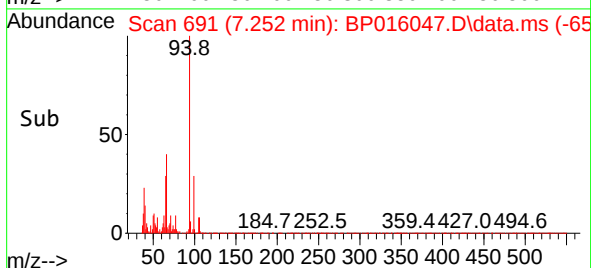
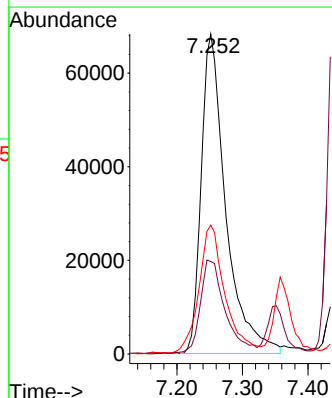
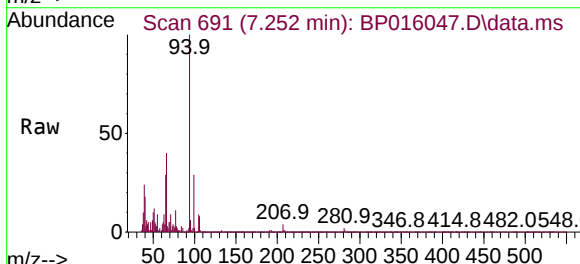
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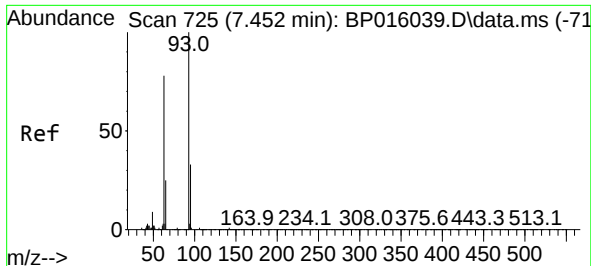
Tgt Ion: 77 Resp: 543968
Ion Ratio Lower Upper
77 100
105 93.4 73.4 110.0
106 91.2 66.6 100.0



#8
Phenol
Concen: 7.159 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion: 94 Resp: 177587
Ion Ratio Lower Upper
94 100
65 28.9 26.4 39.6
66 40.3 37.3 55.9

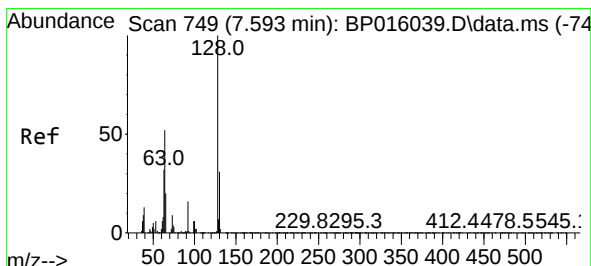
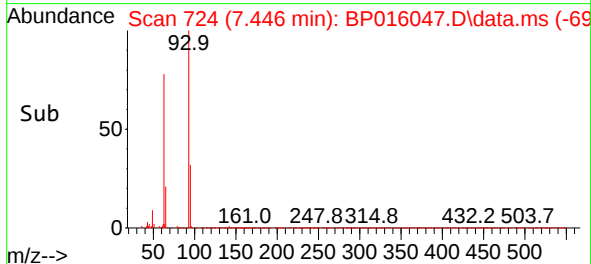
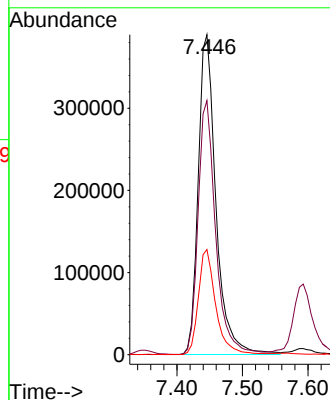
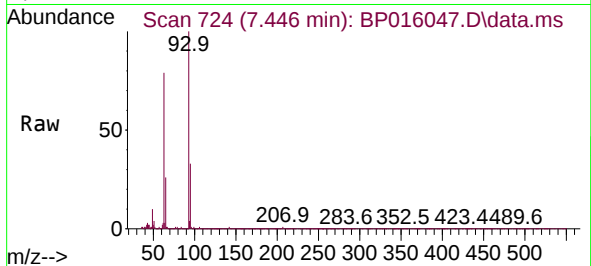




#10
Bis(2-Chloroethyl)ether
Concen: 37.190 ng/ul
RT: 7.446 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

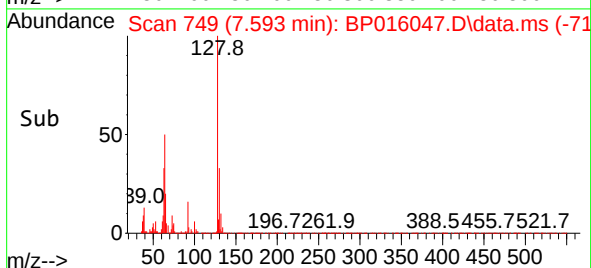
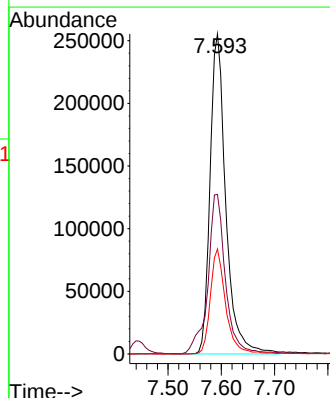
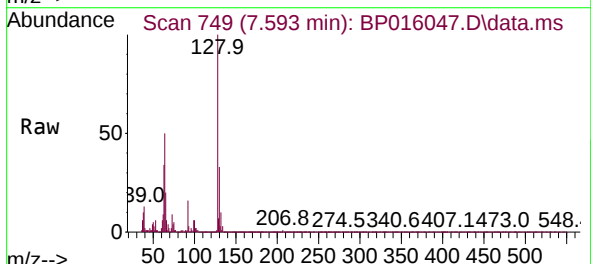
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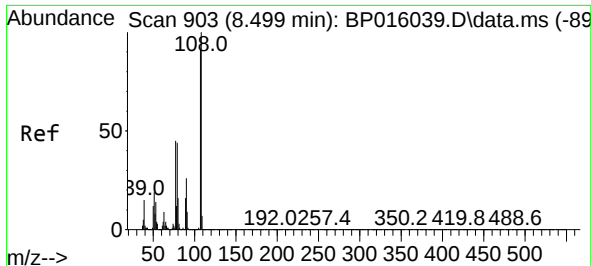
Tgt Ion: 93 Resp: 734061
Ion Ratio Lower Upper
93 100
63 79.4 62.8 94.2
95 32.9 25.6 38.4



#12
2-Chlorophenol
Concen: 27.322 ng/ul
RT: 7.593 min Scan# 749
Delta R.T. -0.000 min
Lab File: BP016047.D
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Tgt Ion:128 Resp: 523823
Ion Ratio Lower Upper
128 100
64 49.8 41.2 61.8
130 32.8 26.0 39.0

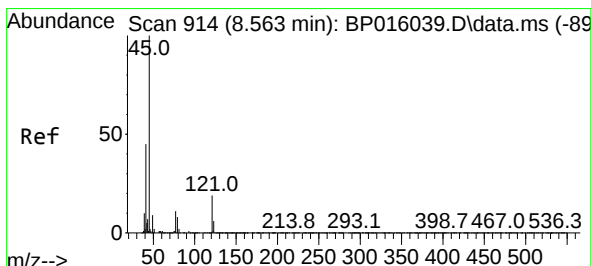
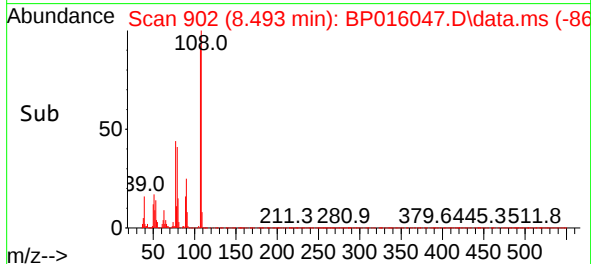
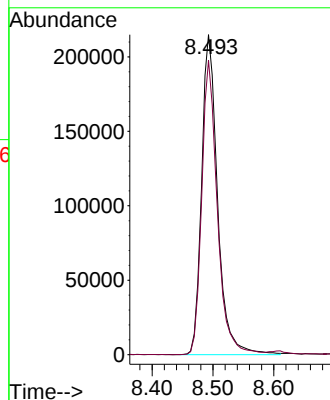
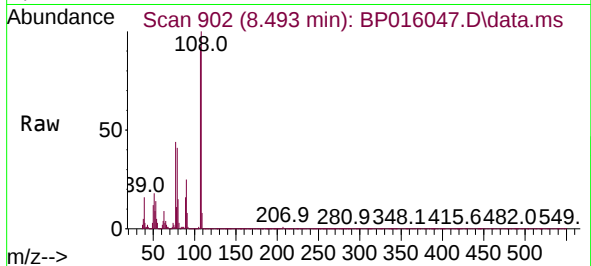




#13
2-Methylphenol
Concen: 20.879 ng/ul
RT: 8.493 min Scan# 903
Delta R.T. -0.006 min
Lab File: BP016047.D
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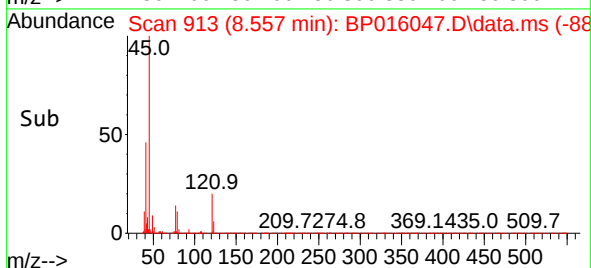
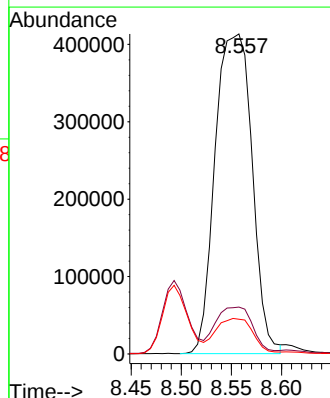
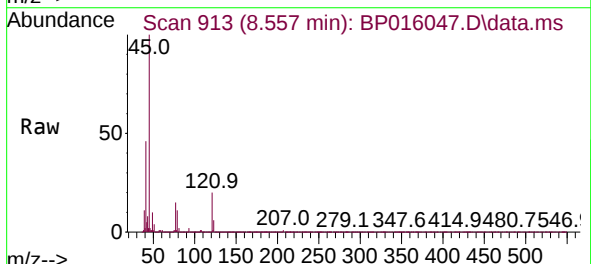
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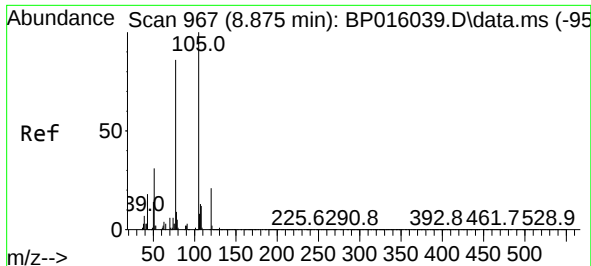
Tgt Ion:108 Resp: 391073
Ion Ratio Lower Upper
108 100
107 92.0 73.8 110.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.260 ng/ul
RT: 8.557 min Scan# 913
Delta R.T. -0.006 min
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Tgt Ion: 45 Resp: 1058391
Ion Ratio Lower Upper
45 100
77 14.6 12.4 18.6
79 10.8 9.3 13.9

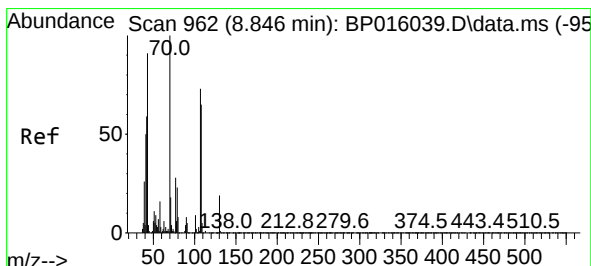
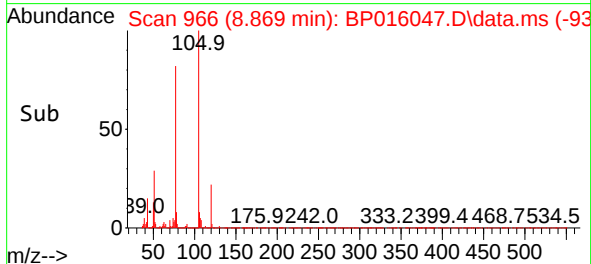
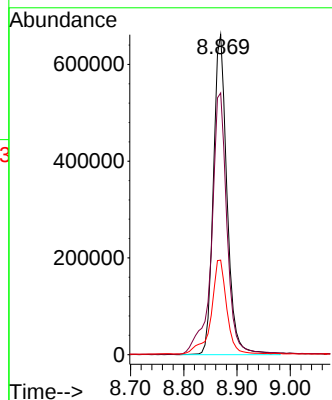
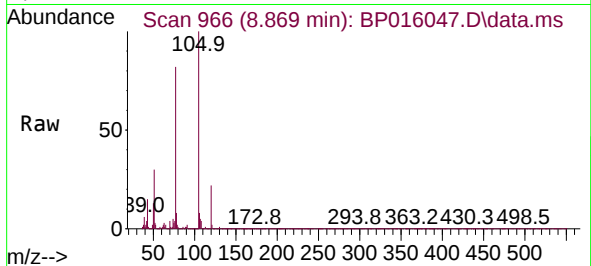




#16
Acetophenone
Concen: 37.840 ng/ul
RT: 8.869 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

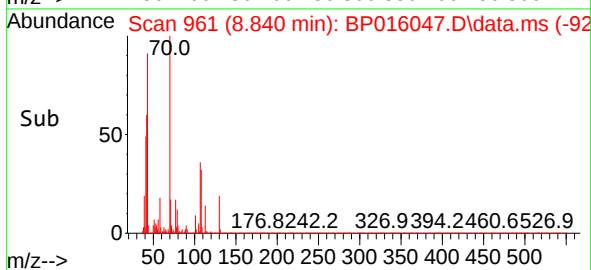
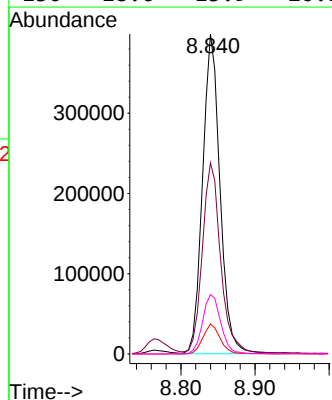
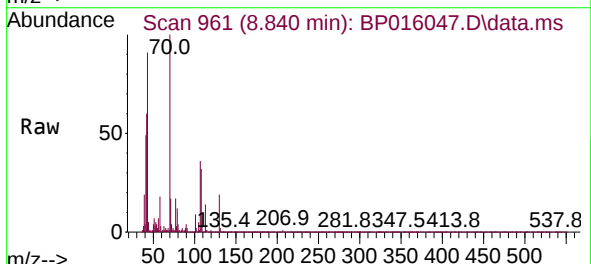
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ClientSampleId :
EXYW5MSD

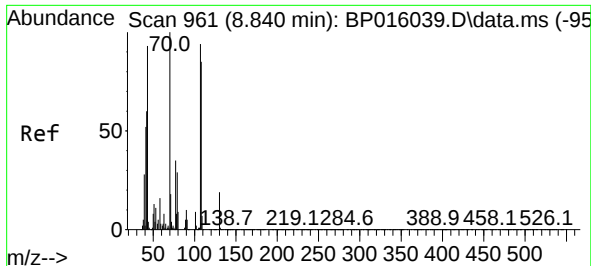
Tgt Ion:105 Resp: 1174719
Ion Ratio Lower Upper
105 100
77 81.8 65.0 97.4
51 29.6 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 37.726 ng/ul
RT: 8.840 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion: 70 Resp: 650477
Ion Ratio Lower Upper
70 100
42 59.7 48.2 72.2
101 9.4 7.6 11.4
130 18.6 13.9 20.9

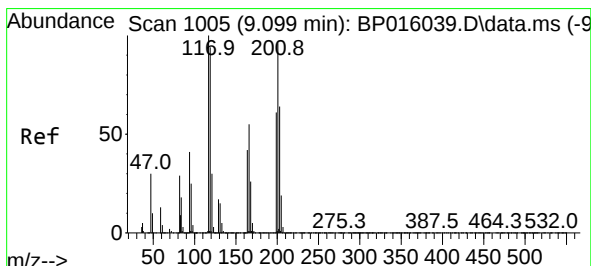
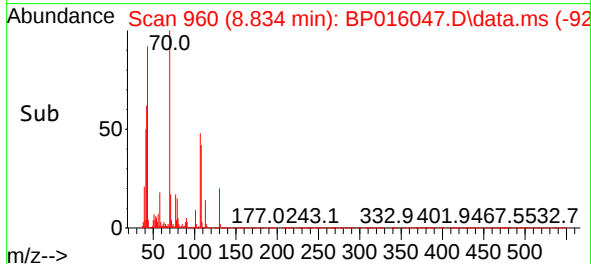
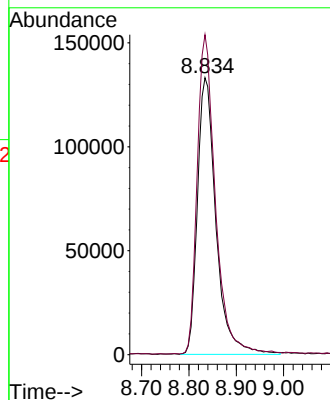
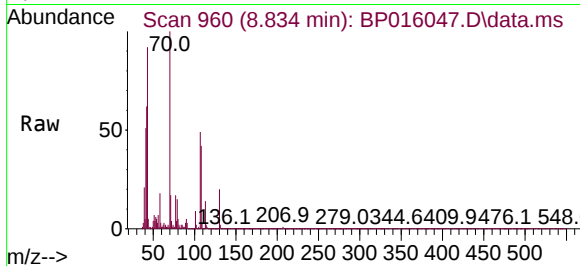




#18
4-Methylphenol
Concen: 17.984 ng/ul
RT: 8.834 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

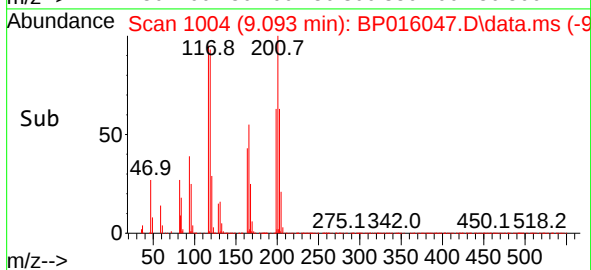
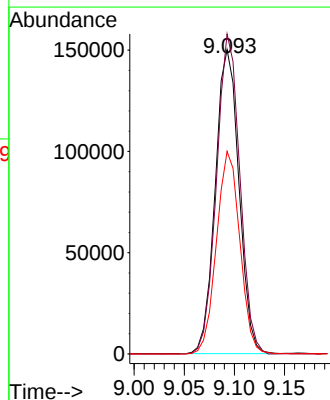
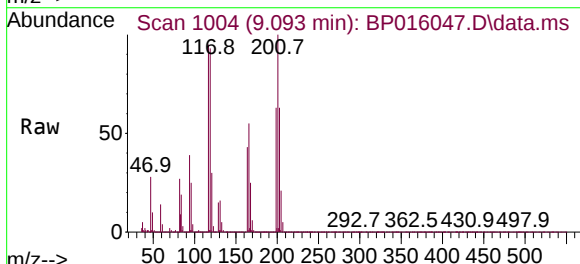
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

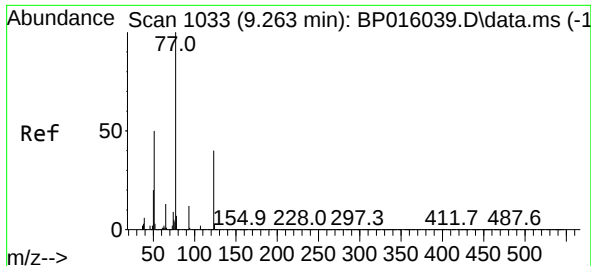
Tgt Ion:108 Resp: 361919
Ion Ratio Lower Upper
108 100
107 115.6 91.3 136.9



#19
Hexachloroethane
Concen: 27.831 ng/ul
RT: 9.093 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:117 Resp: 246439
Ion Ratio Lower Upper
117 100
201 107.7 84.2 126.2
199 68.2 51.8 77.8

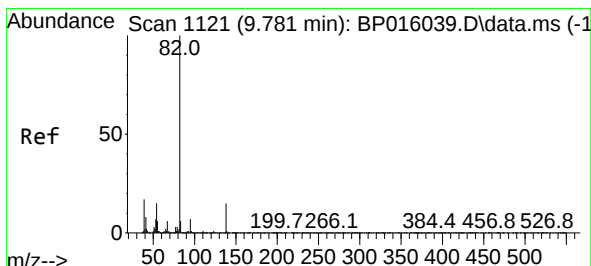
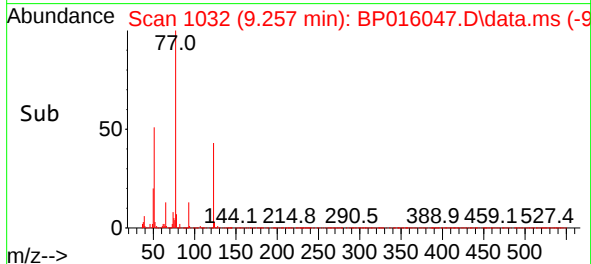
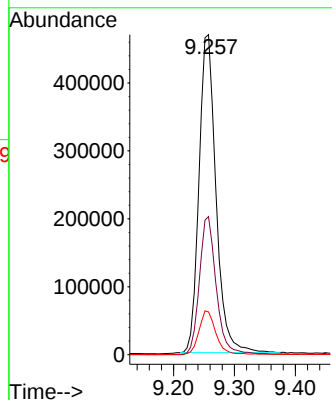
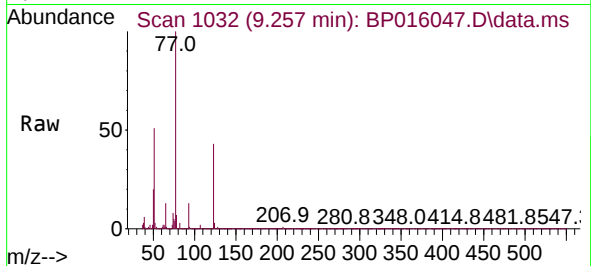




#22
Nitrobenzene
Concen: 34.462 ng/ul
RT: 9.257 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

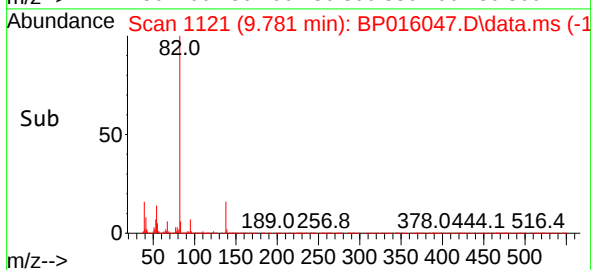
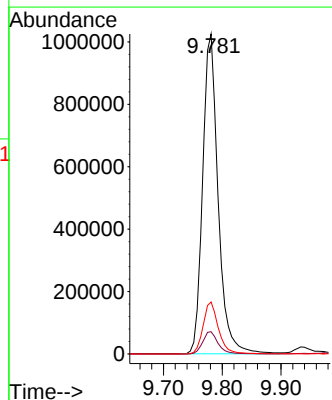
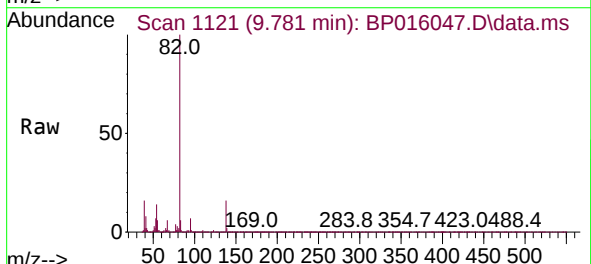
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

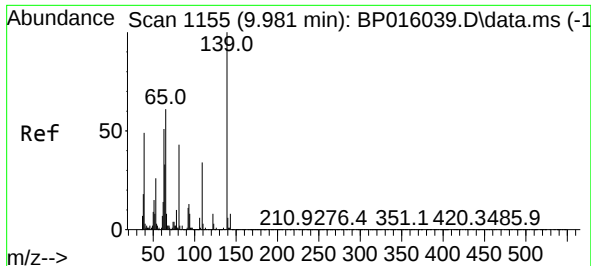
Tgt Ion: 77 Resp: 908702
Ion Ratio Lower Upper
77 100
123 43.1 31.0 46.4
65 13.4 11.3 16.9



#23
Isophorone
Concen: 37.171 ng/ul
RT: 9.781 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion: 82 Resp: 1875630
Ion Ratio Lower Upper
82 100
95 7.0 6.3 9.5
138 16.2 12.3 18.5

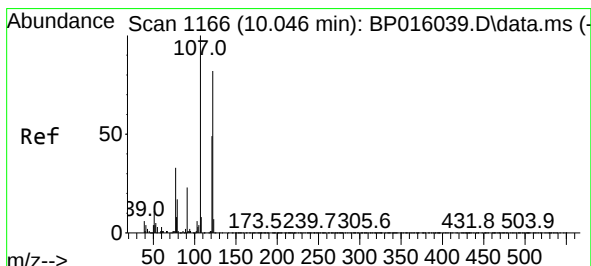
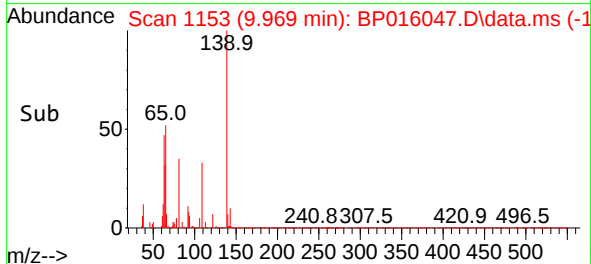
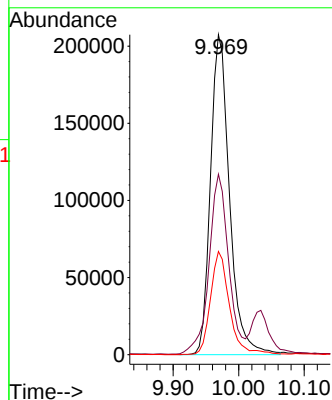
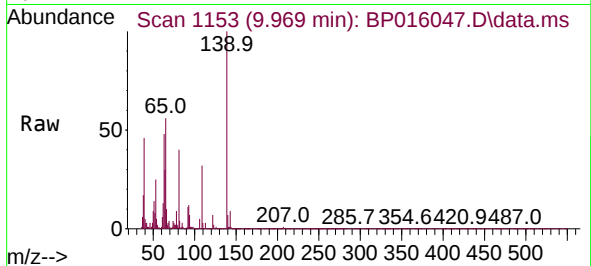




#25
2-Nitrophenol
Concen: 35.869 ng/ul
RT: 9.969 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

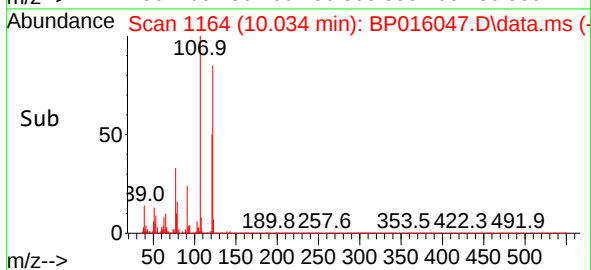
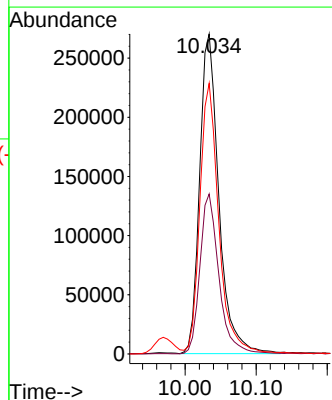
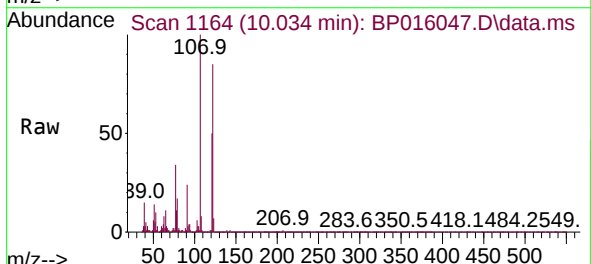
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

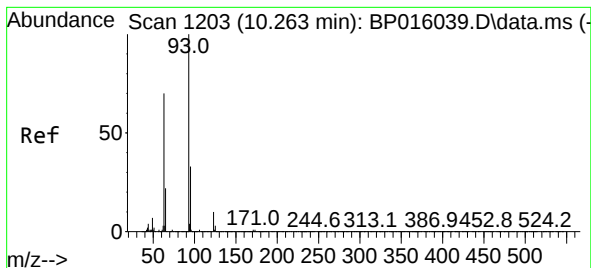
Tgt Ion:139 Resp: 417172
Ion Ratio Lower Upper
139 100
65 56.4 50.2 75.2
109 32.3 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 19.937 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:107 Resp: 509723
Ion Ratio Lower Upper
107 100
121 50.0 38.2 57.2
122 84.6 62.1 93.1

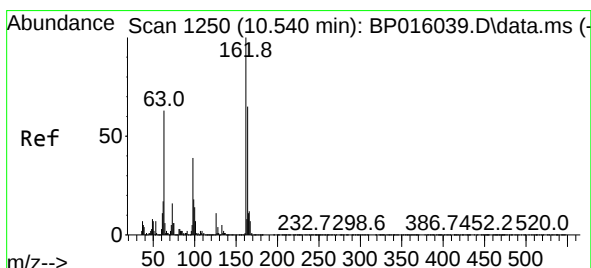
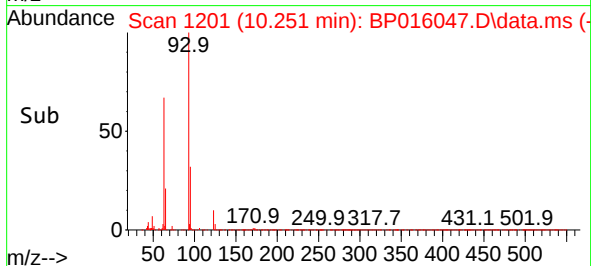
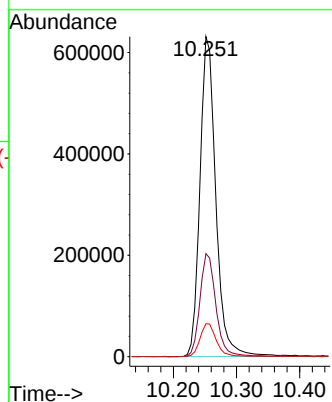
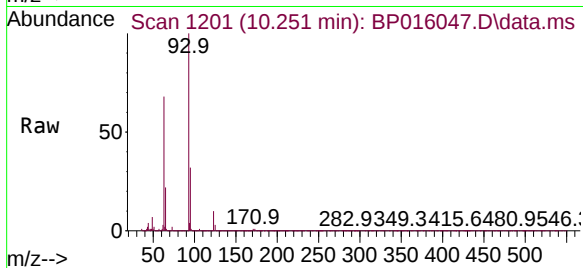




#27
Bis(2-Chloroethoxy)methane
Concen: 38.576 ng/ul
RT: 10.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

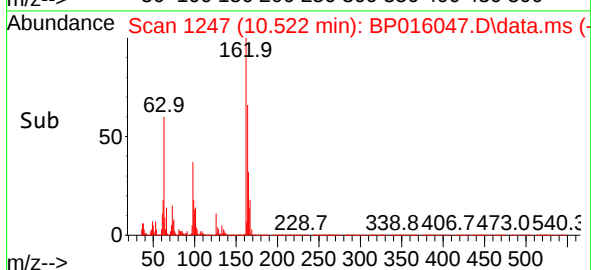
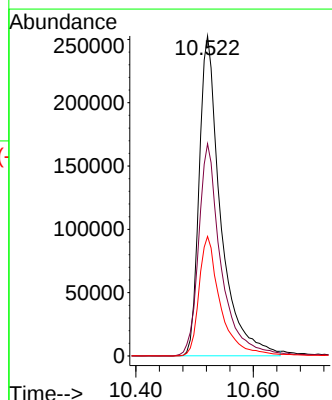
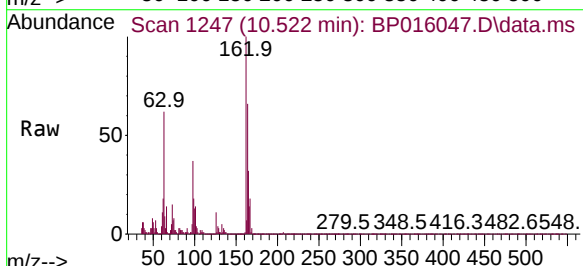
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

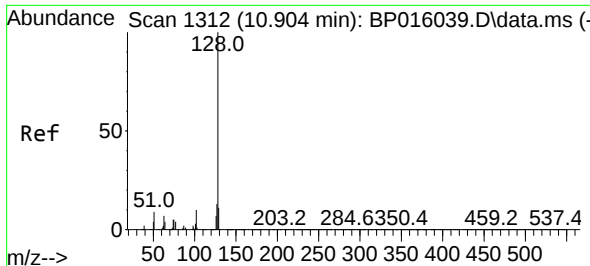
Tgt Ion: 93 Resp: 1098833
Ion Ratio Lower Upper
93 100
95 32.2 26.6 39.8
123 10.3 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 33.017 ng/ul
RT: 10.522 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:162 Resp: 641026
Ion Ratio Lower Upper
162 100
164 66.3 53.0 79.6
98 37.3 31.3 46.9

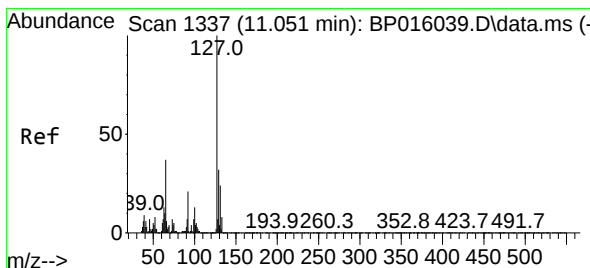
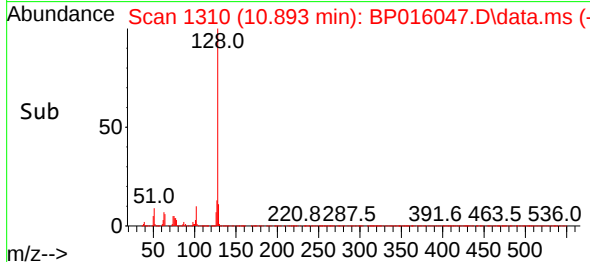
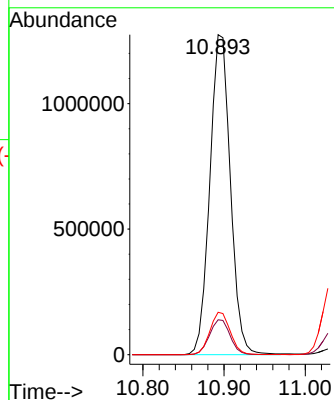
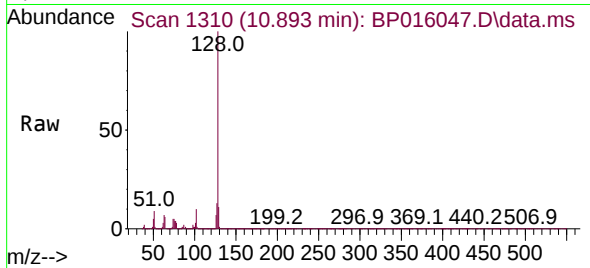




#30
Naphthalene
Concen: 33.527 ng/ul
RT: 10.893 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

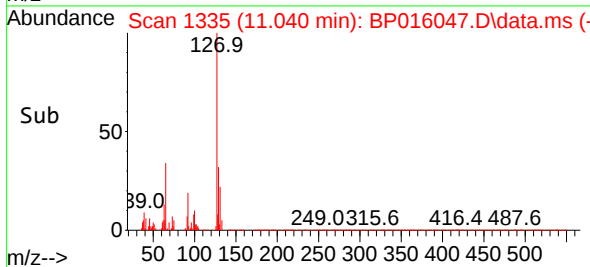
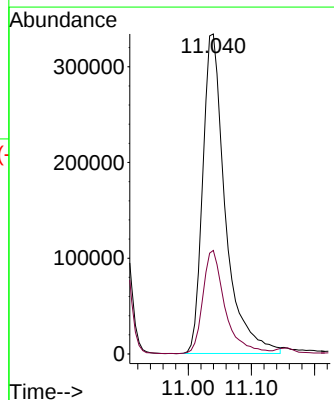
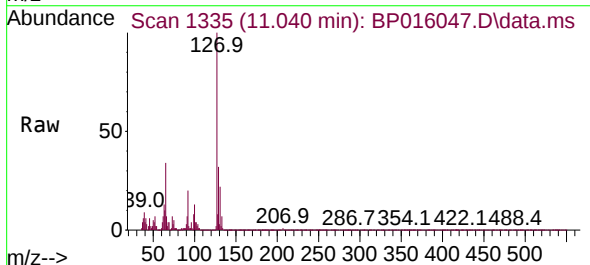
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

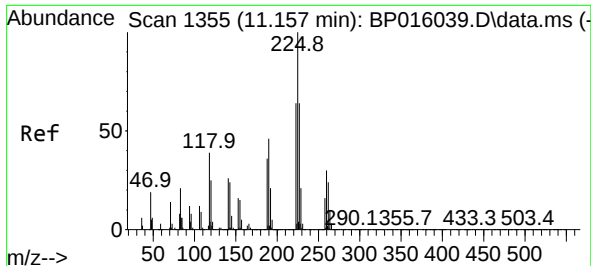
Tgt Ion:128 Resp: 2239284
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 10.3 15.5



#32
4-Chloroaniline
Concen: 31.846 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:127 Resp: 830013
Ion Ratio Lower Upper
127 100
129 32.4 24.7 37.1

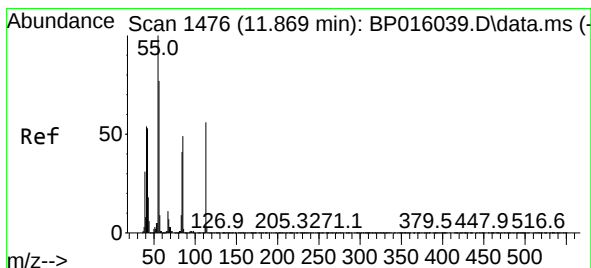
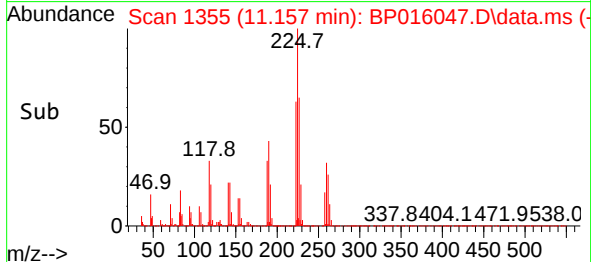
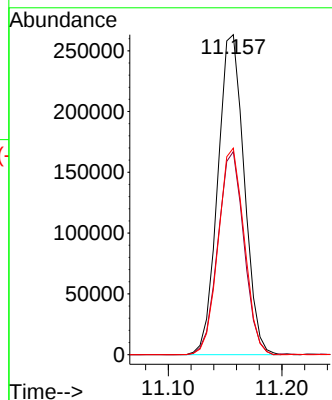
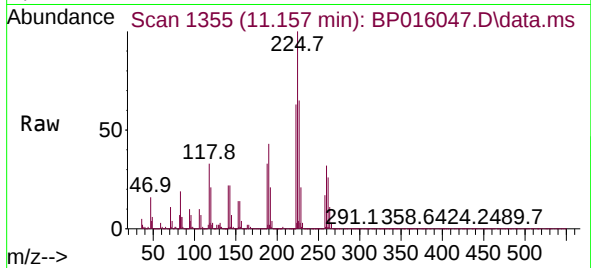




#33
Hexachlorobutadiene
Concen: 29.008 ng/ul
RT: 11.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

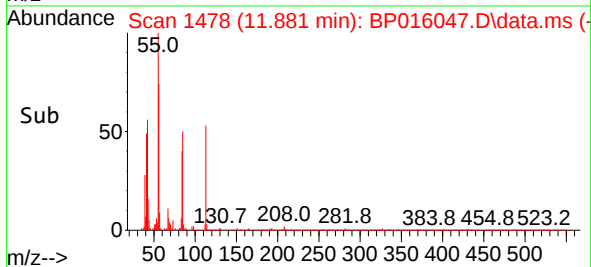
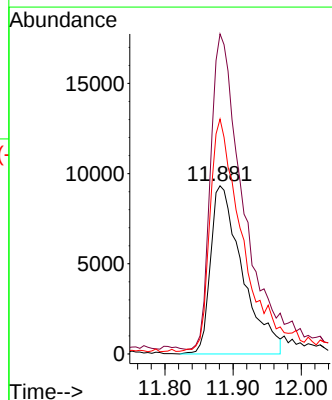
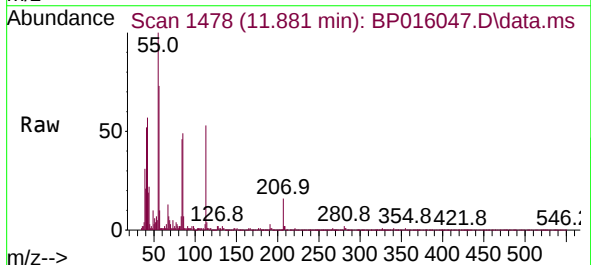
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

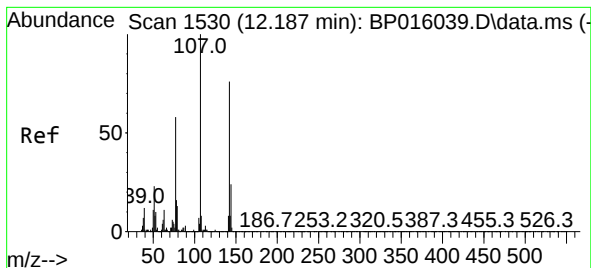
Tgt Ion:225 Resp: 425317
Ion Ratio Lower Upper
225 100
223 63.8 50.4 75.6
227 64.8 51.0 76.4



#34
Caprolactam
Concen: 5.110 ng/ul
RT: 11.881 min Scan# 1478
Delta R.T. 0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:113 Resp: 30345
Ion Ratio Lower Upper
113 100
55 190.3 142.8 214.2
56 139.7 116.9 175.3

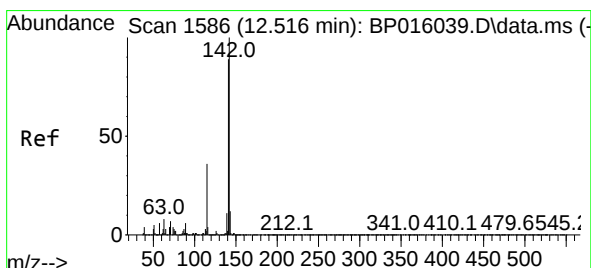
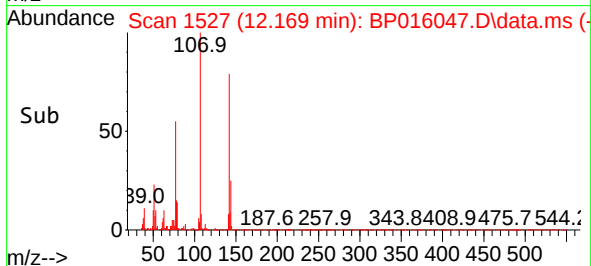
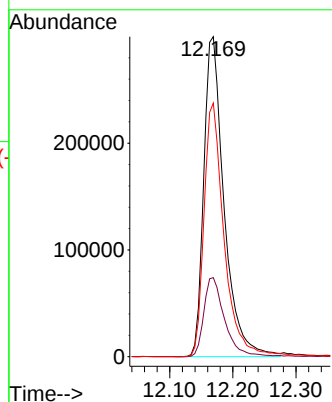
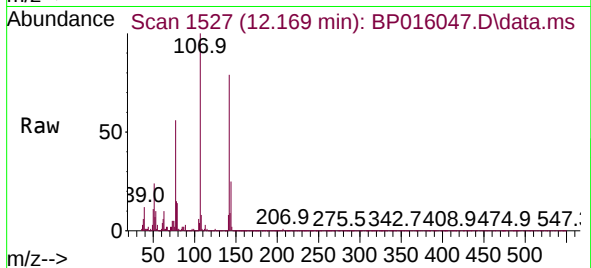




#35
4-Chloro-3-methylphenol
Concen: 29.486 ng/ul
RT: 12.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

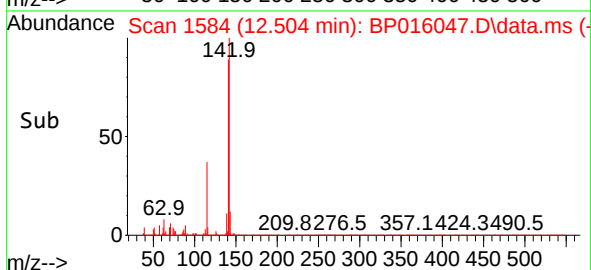
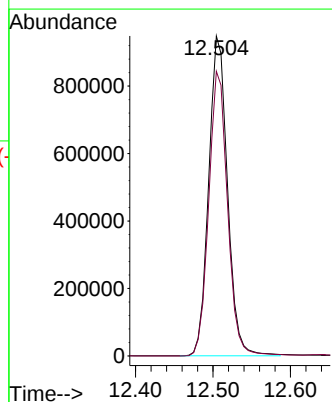
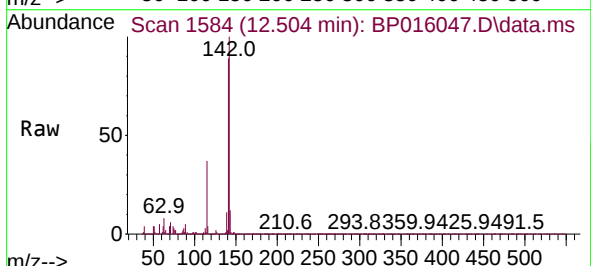
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

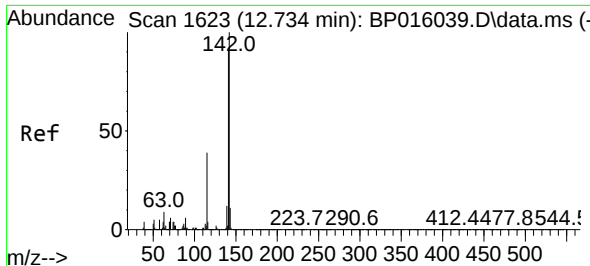
Tgt Ion:107 Resp: 670095
Ion Ratio Lower Upper
107 100
144 24.7 18.4 27.6
142 79.2 58.6 87.8



#36
2-Methylnaphthalene
Concen: 36.358 ng/ul
RT: 12.504 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:142 Resp: 1598597
Ion Ratio Lower Upper
142 100
141 88.9 73.2 109.8

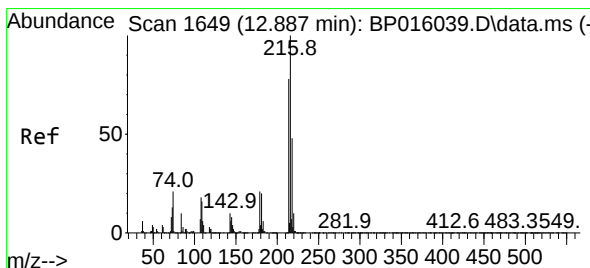
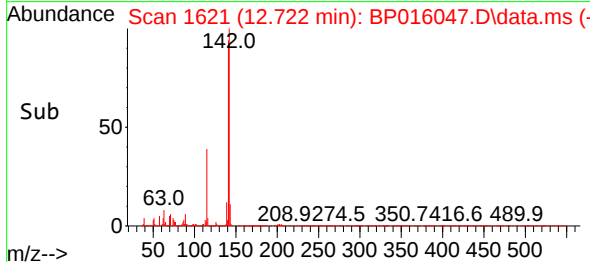
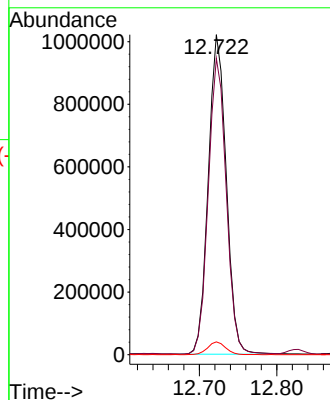
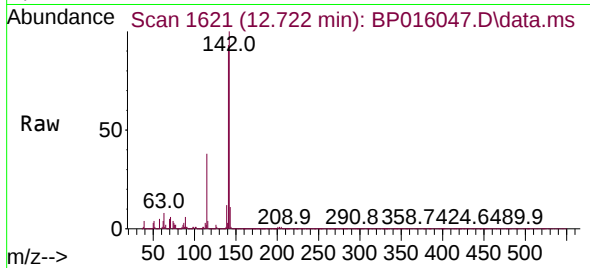




#37
1-Methylnaphthalene
Concen: 36.672 ng/ul
RT: 12.722 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

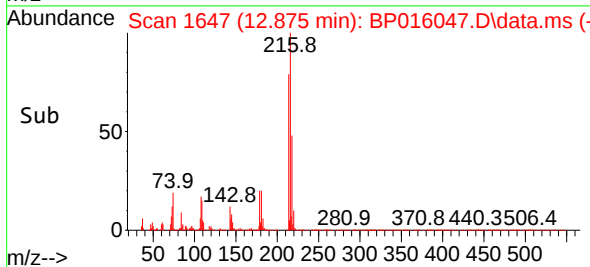
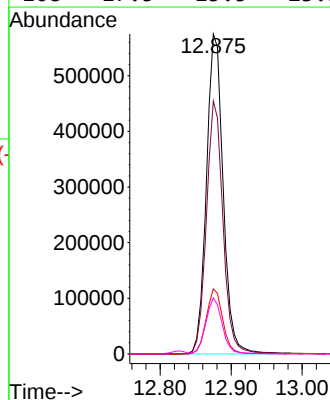
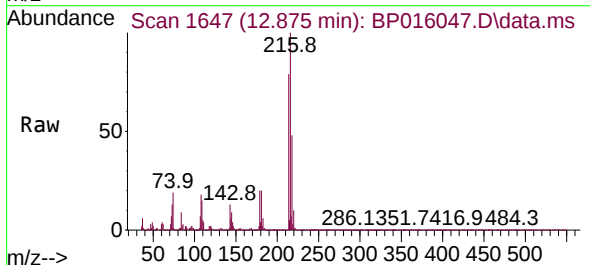
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

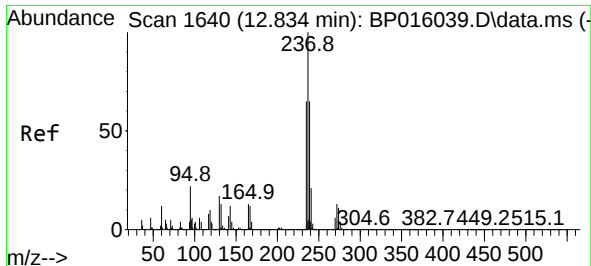
Tgt Ion:142 Resp: 1644852
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7
116 4.0 4.0 6.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.112 ng/ul
RT: 12.875 min Scan# 1647
Delta R.T. -0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:216 Resp: 943307
Ion Ratio Lower Upper
216 100
214 79.0 62.4 93.6
179 20.4 17.6 26.4
108 17.5 15.5 23.3

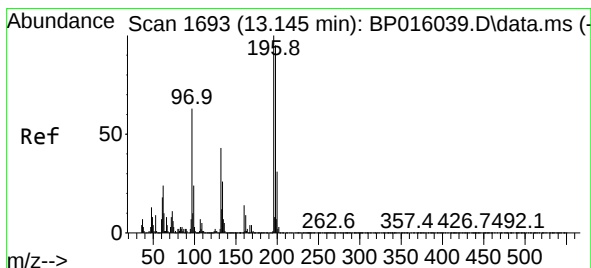
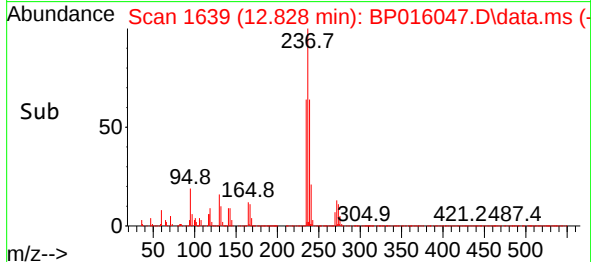
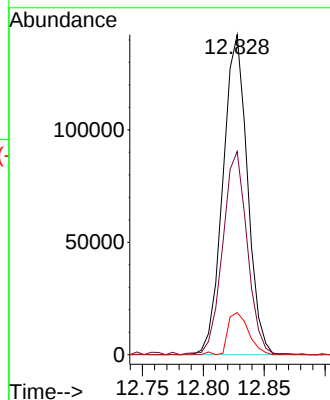
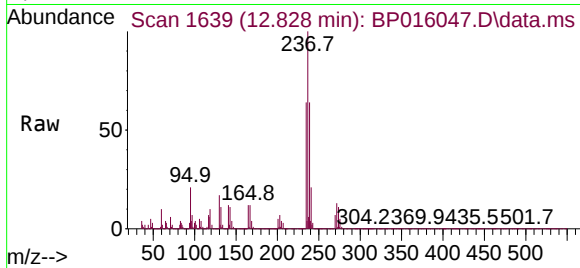




#40
Hexachlorocyclopentadiene
Concen: 25.502 ng/ul
RT: 12.828 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

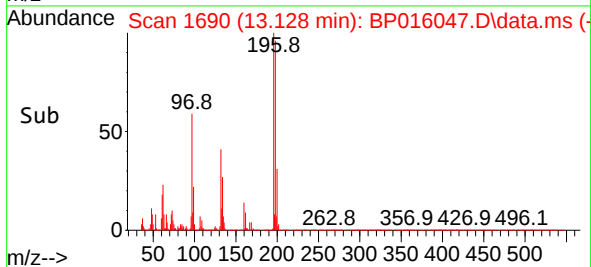
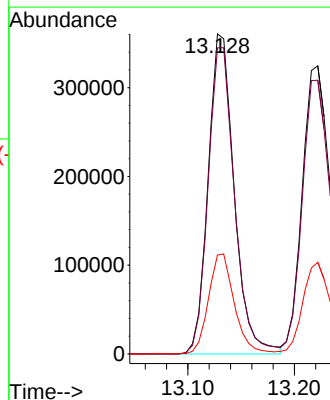
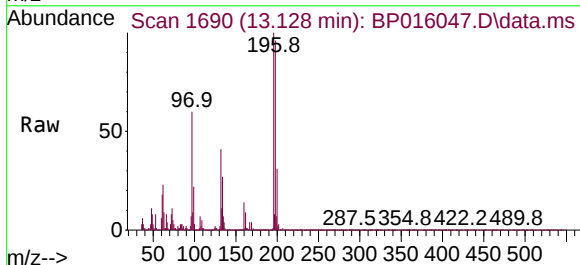
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

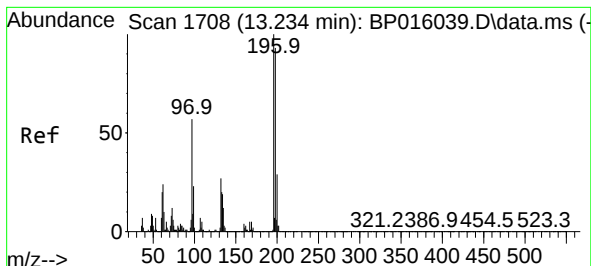
Tgt Ion:237 Resp: 199286
Ion Ratio Lower Upper
237 100
235 63.9 48.6 73.0
272 12.4 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 37.209 ng/ul
RT: 13.128 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:196 Resp: 614252
Ion Ratio Lower Upper
196 100
198 95.6 75.4 113.2
200 30.9 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 38.244 ng/ul

RT: 13.222 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

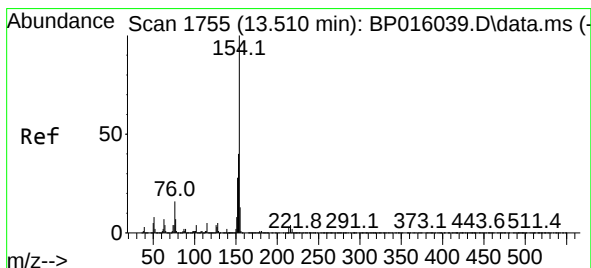
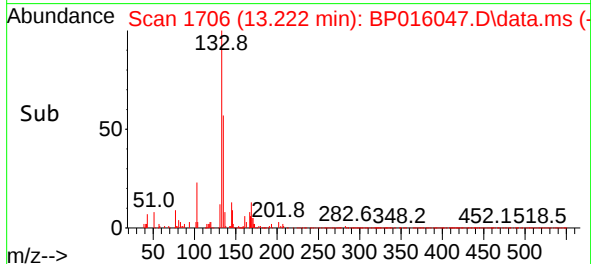
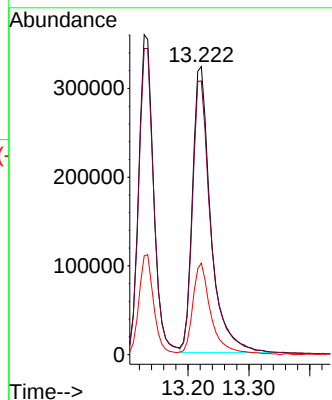
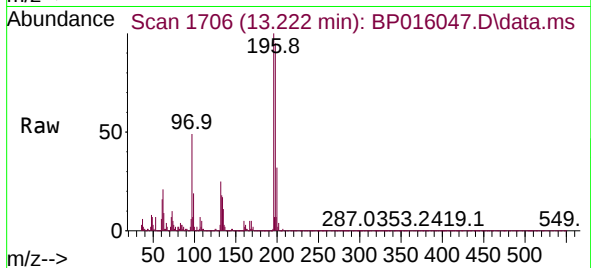
Tgt Ion:196 Resp: 669657

Ion Ratio Lower Upper

196 100

198 95.0 74.9 112.3

200 31.8 24.3 36.5



#43

1,1'-Biphenyl

Concen: 36.320 ng/ul

RT: 13.510 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

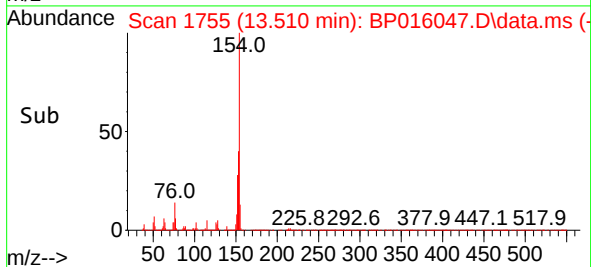
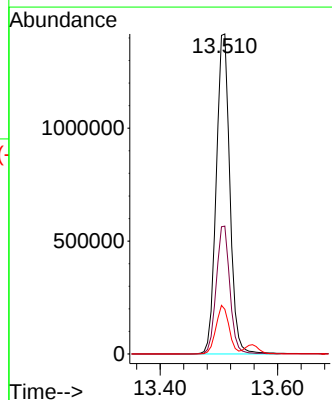
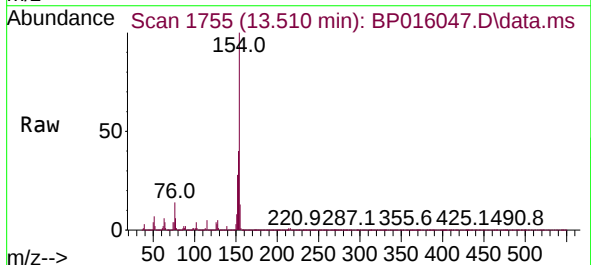
Tgt Ion:154 Resp: 2280372

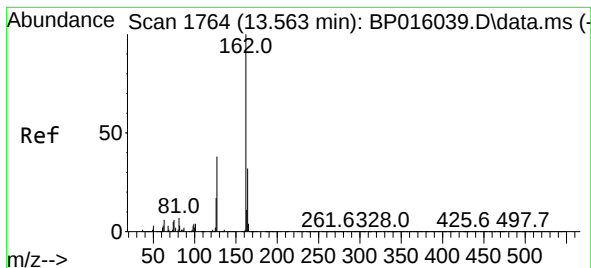
Ion Ratio Lower Upper

154 100

153 39.9 32.8 49.2

76 14.0 10.7 16.1

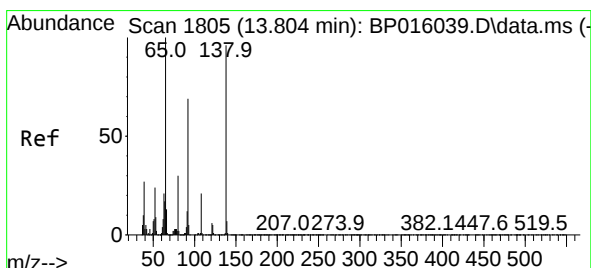
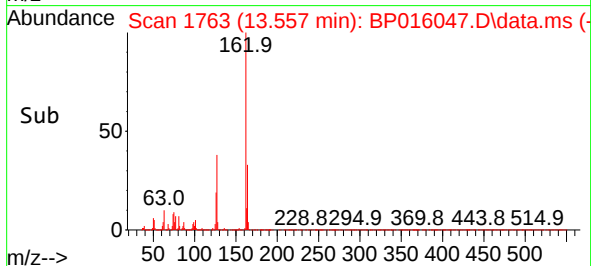
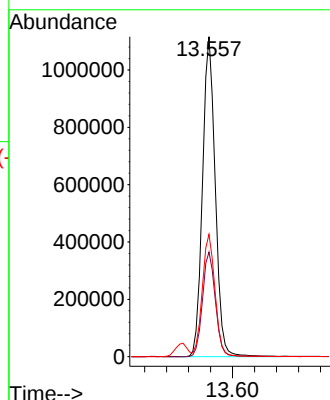
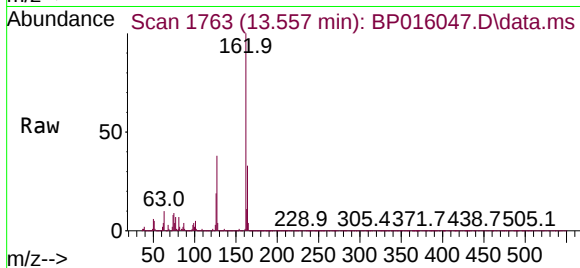




#44
2-Chloronaphthalene
Concen: 36.346 ng/ul
RT: 13.557 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

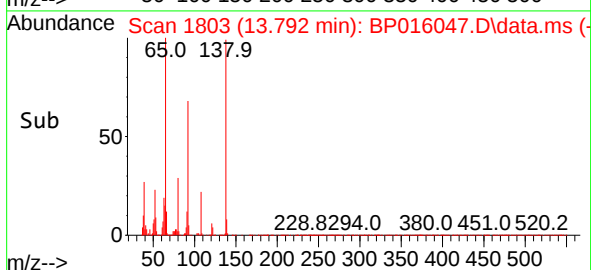
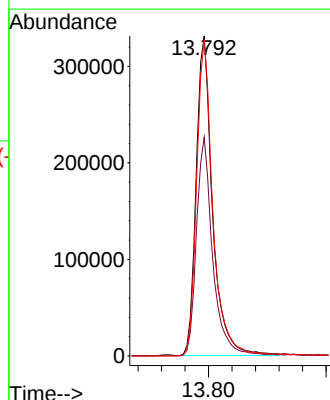
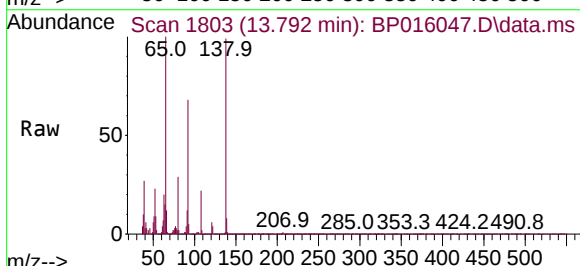
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

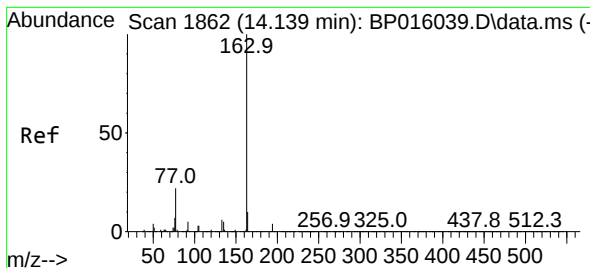
Tgt Ion:162 Resp: 1797709
Ion Ratio Lower Upper
162 100
164 32.7 26.1 39.1
127 38.2 33.4 50.0



#45
2-Nitroaniline
Concen: 41.114 ng/ul
RT: 13.792 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion: 65 Resp: 639855
Ion Ratio Lower Upper
65 100
92 68.3 49.5 74.3
138 98.9 71.4 107.2





#47

Dimethylphthalate

Concen: 39.443 ng/ul

RT: 14.134 min Scan# 1861

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

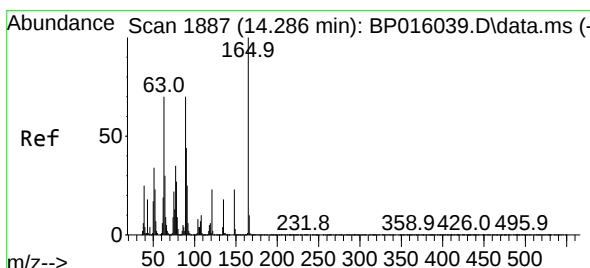
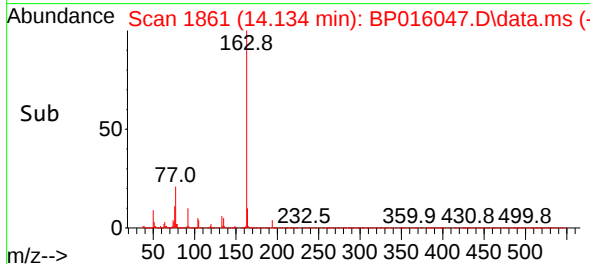
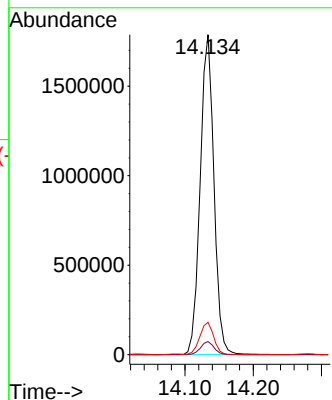
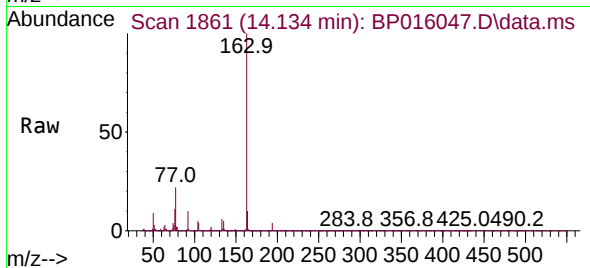
Tgt Ion:163 Resp: 2500996

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 7.7 11.5



#48

2,6-Dinitrotoluene

Concen: 42.681 ng/ul

RT: 14.281 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

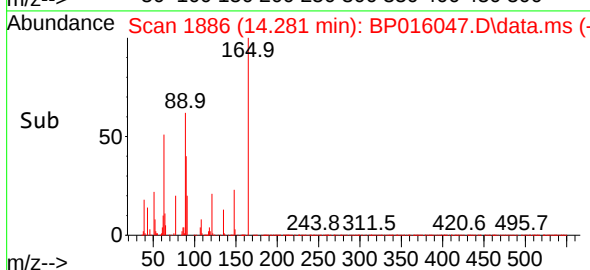
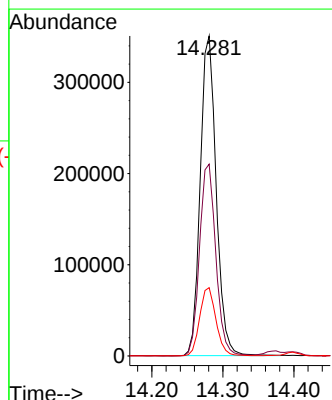
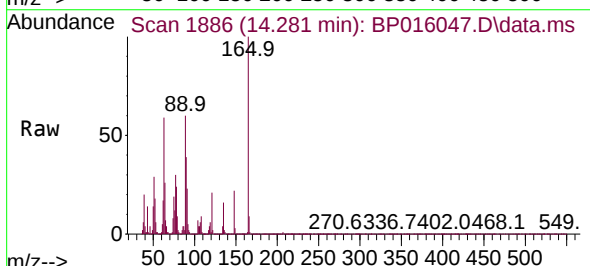
Tgt Ion:165 Resp: 548963

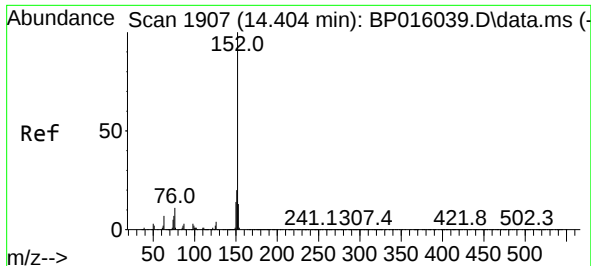
Ion Ratio Lower Upper

165 100

89 60.0 54.1 81.1

121 21.4 18.2 27.2

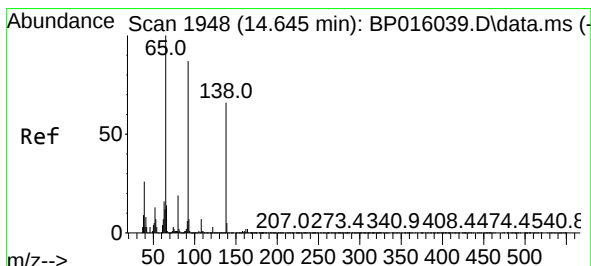
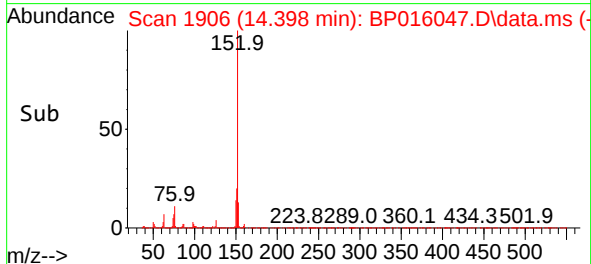
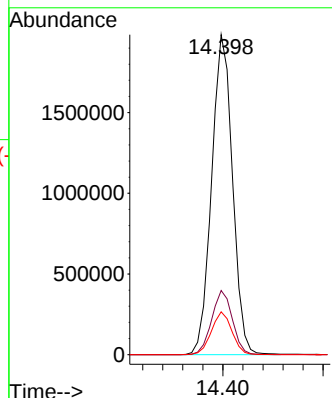
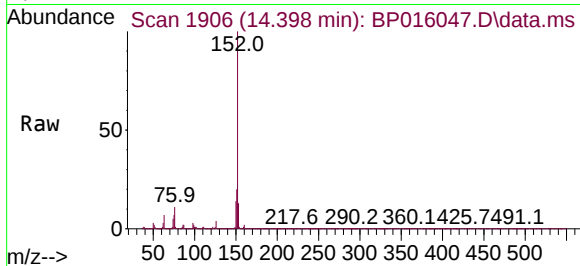




#50
Acenaphthylene
Concen: 37.796 ng/ul
RT: 14.398 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

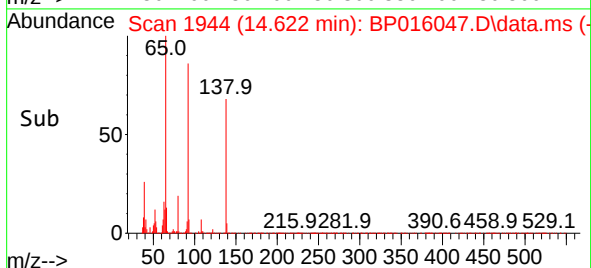
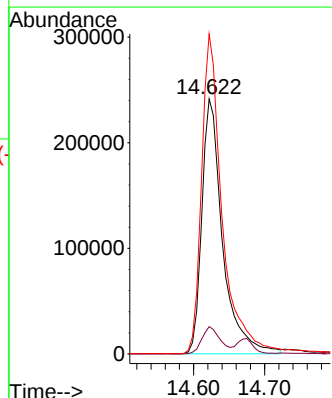
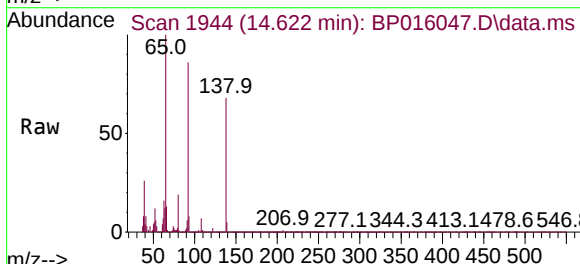
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

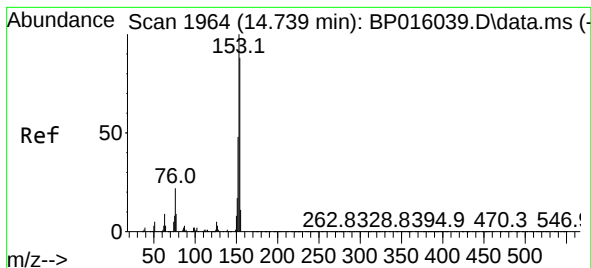
Tgt Ion:152 Resp: 2868310
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.5 15.7



#51
3-Nitroaniline
Concen: 48.761 ng/ul
RT: 14.622 min Scan# 1944
Delta R.T. -0.018 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:138 Resp: 491816
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 125.5 96.8 145.2





#52

Acenaphthene

Concen: 37.895 ng/ul

RT: 14.739 min Scan# 1964

Delta R.T. -0.000 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

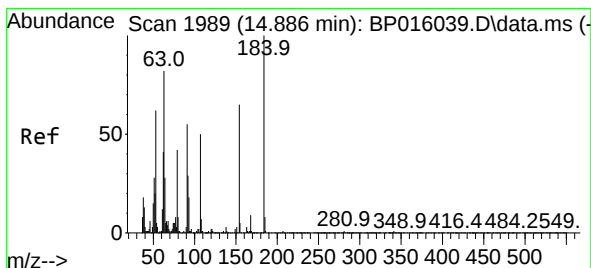
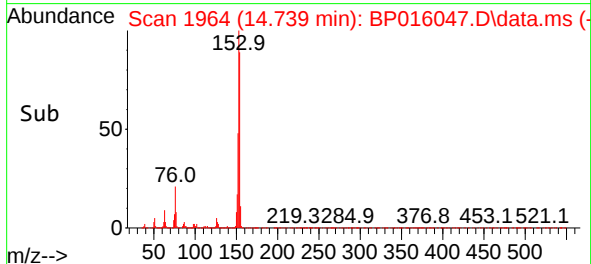
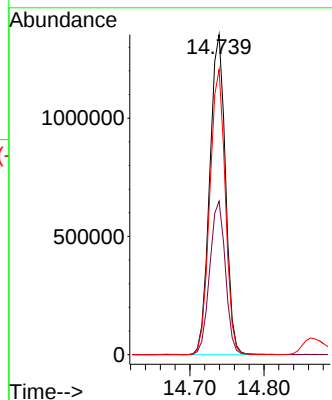
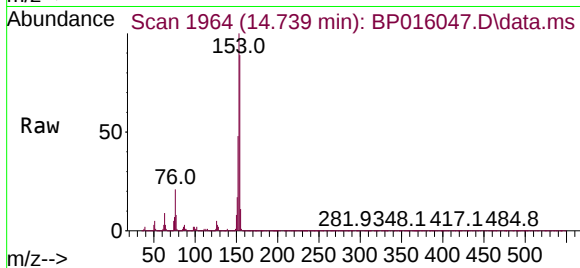
Tgt Ion:153 Resp: 1994240

Ion Ratio Lower Upper

153 100

152 47.9 39.4 59.2

154 89.1 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 40.381 ng/ul

RT: 14.863 min Scan# 1985

Delta R.T. -0.018 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

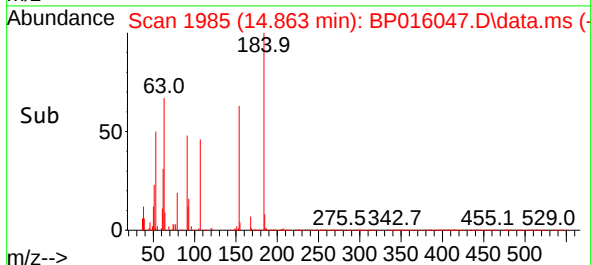
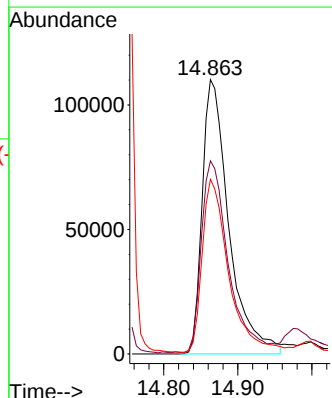
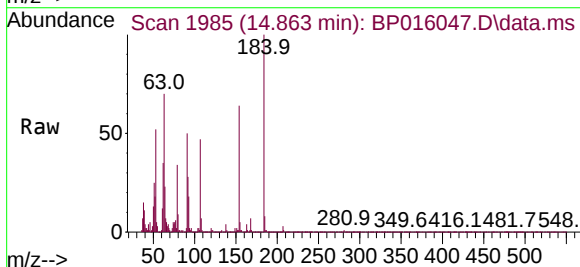
Tgt Ion:184 Resp: 275552

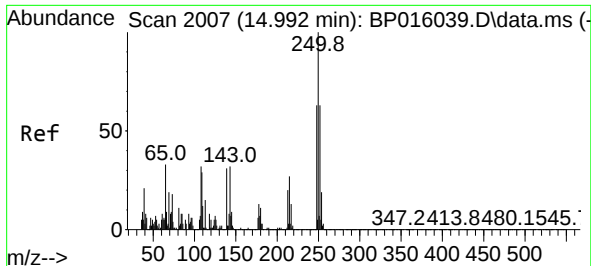
Ion Ratio Lower Upper

184 100

63 70.4 71.4 107.0#

154 63.6 61.1 91.7

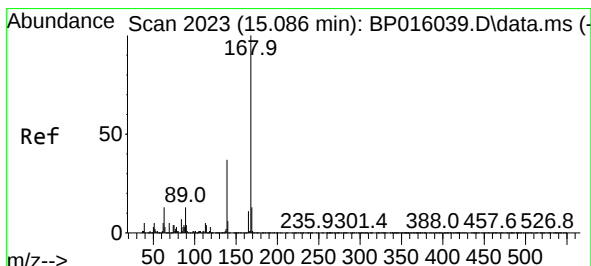
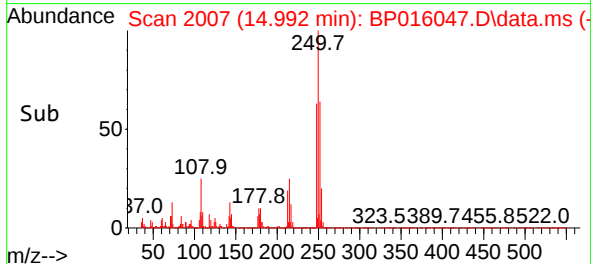
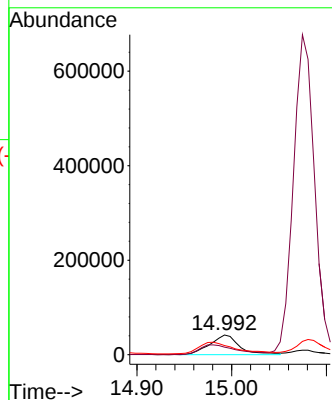
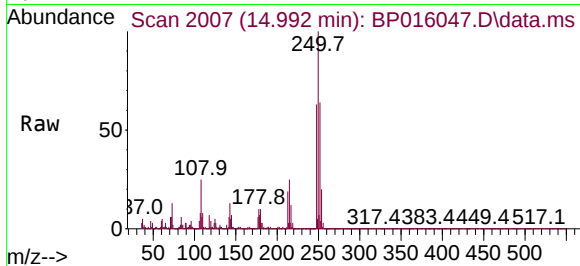




#55
4-Nitrophenol
Concen: 10.694 ng/ul
RT: 14.992 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

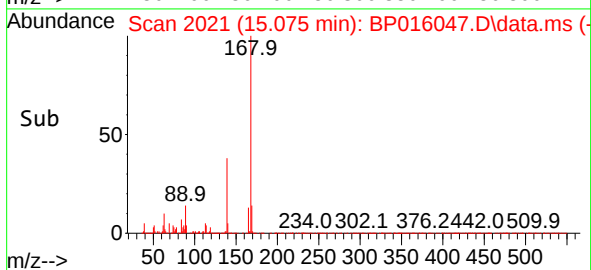
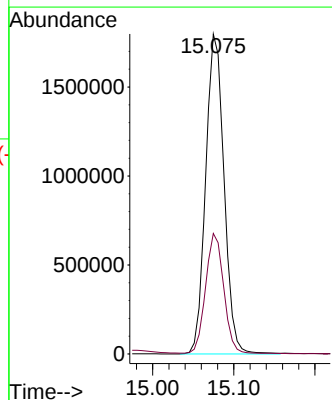
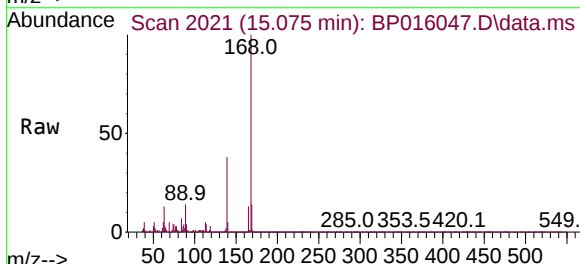
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

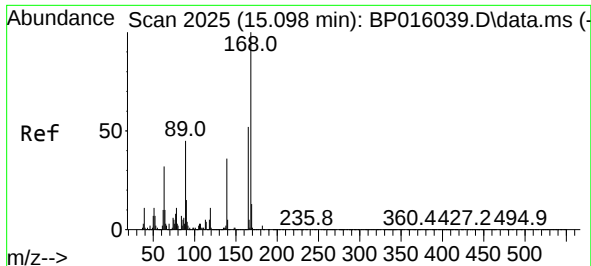
Tgt Ion:109 Resp: 89605
Ion Ratio Lower Upper
109 100
139 38.3 81.3 121.9#
65 46.8 99.9 149.9#



#56
Dibenzofuran
Concen: 38.581 ng/ul
RT: 15.075 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:168 Resp: 2818502
Ion Ratio Lower Upper
168 100
139 37.7 32.2 48.4

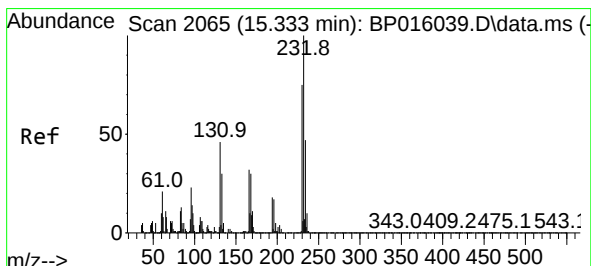
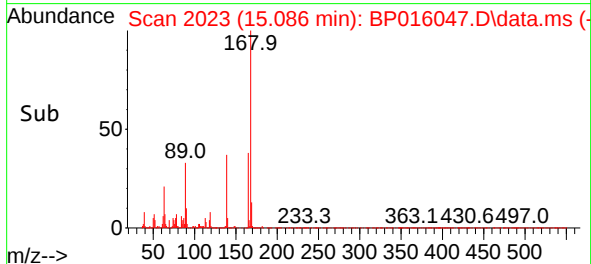
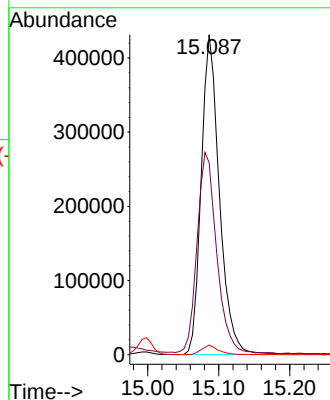
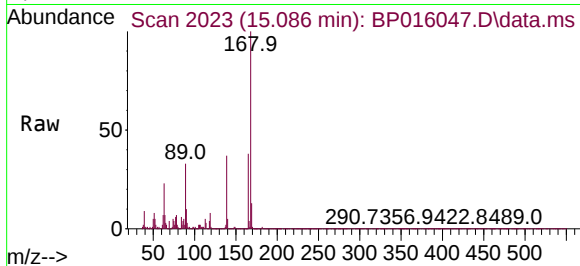




#57
2,4-Dinitrotoluene
Concen: 43.772 ng/ul
RT: 15.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

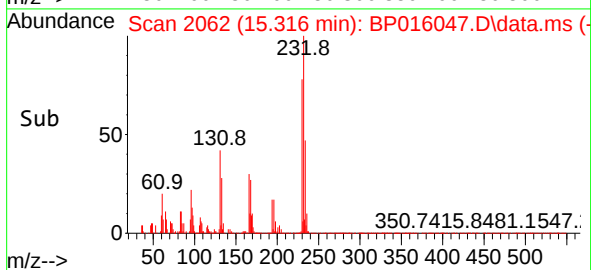
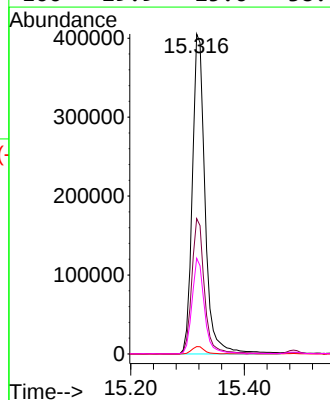
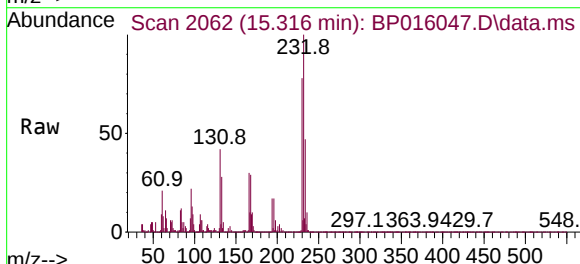
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

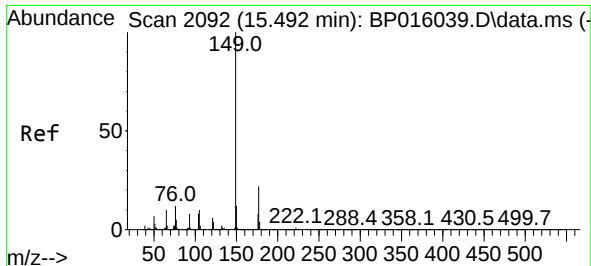
Tgt Ion:165 Resp: 767209
Ion Ratio Lower Upper
165 100
63 59.9 56.8 85.2
182 3.0 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 42.226 ng/ul
RT: 15.316 min Scan# 2062
Delta R.T. -0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:232 Resp: 635084
Ion Ratio Lower Upper
232 100
131 42.3 38.2 57.2
130 2.3 2.2 3.2
166 29.9 25.6 38.4

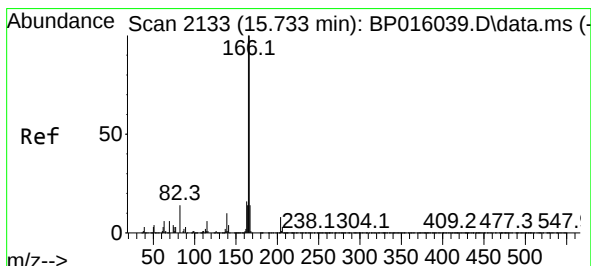
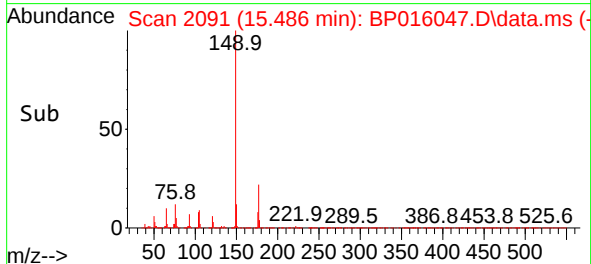
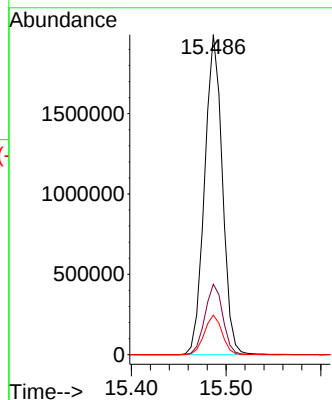
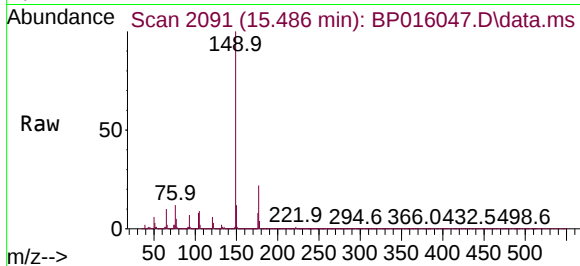




#59
Diethylphthalate
Concen: 40.411 ng/ul
RT: 15.486 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

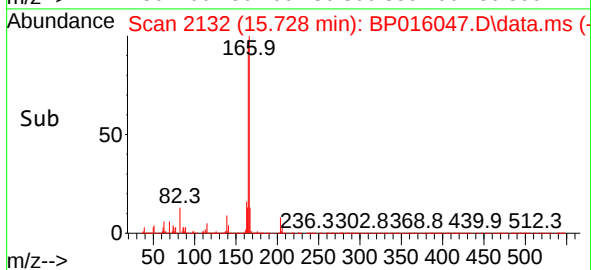
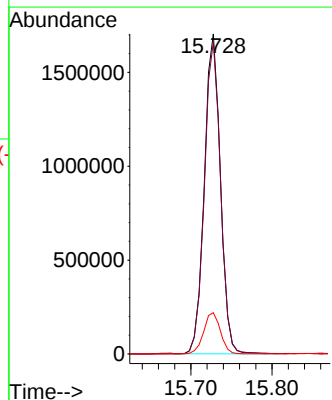
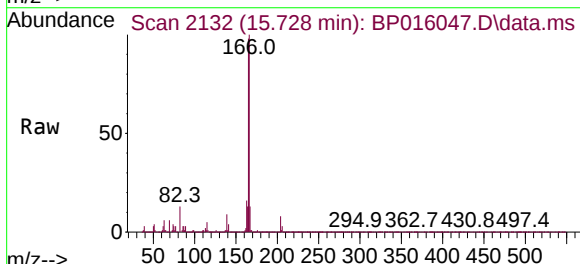
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

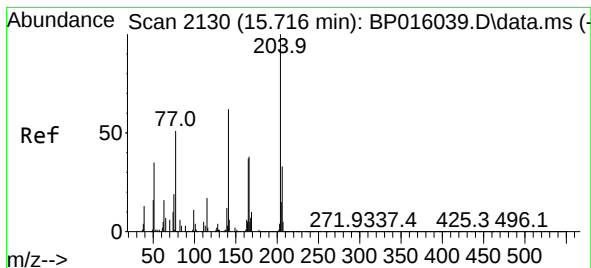
Tgt Ion:149 Resp: 2592990
Ion Ratio Lower Upper
149 100
177 22.1 16.8 25.2
150 12.3 10.3 15.5



#61
Fluorene
Concen: 39.519 ng/ul
RT: 15.728 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:166 Resp: 2341699
Ion Ratio Lower Upper
166 100
165 97.6 78.7 118.1
167 12.9 10.5 15.7

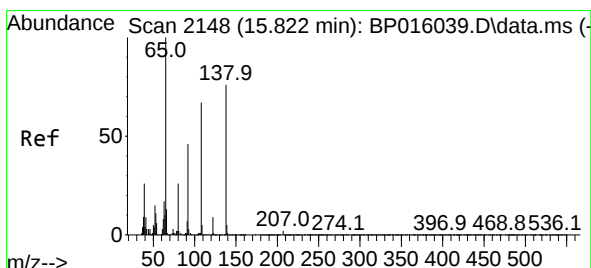
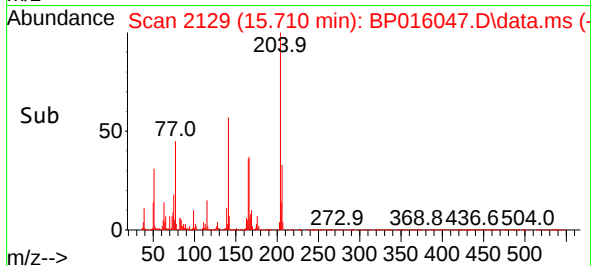
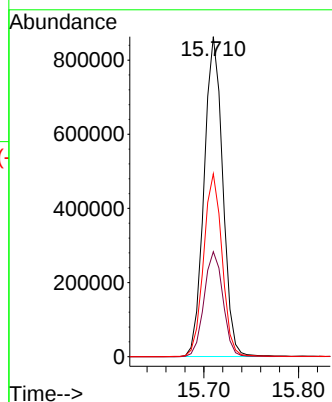
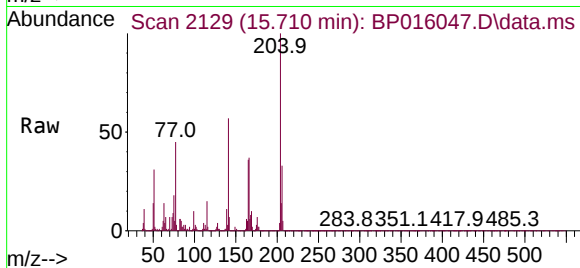




#62
4-Chlorophenyl-phenylether
Concen: 39.037 ng/ul
RT: 15.710 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

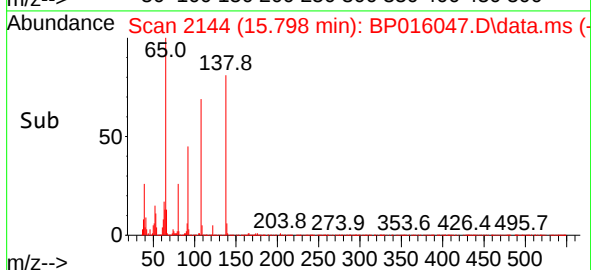
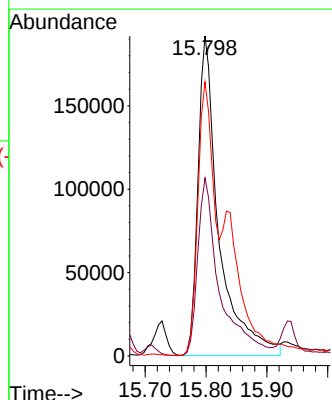
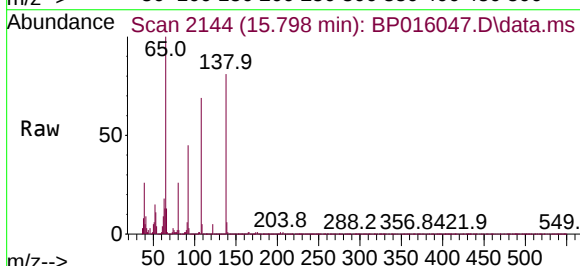
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

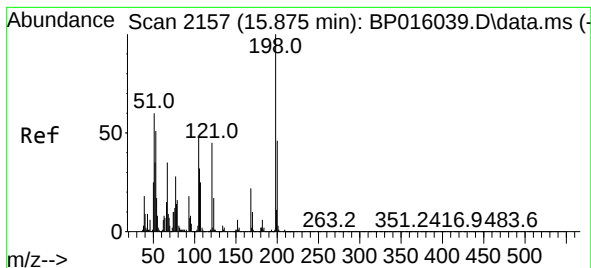
Tgt Ion:204 Resp: 1183607
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 57.2 51.8 77.8



#63
4-Nitroaniline
Concen: 66.146 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.018 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:138 Resp: 456615
Ion Ratio Lower Upper
138 100
92 55.6 50.1 75.1
108 85.6 85.5 128.3

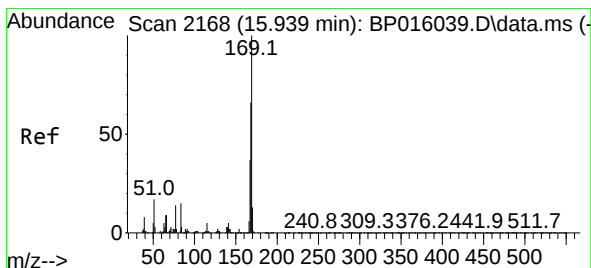
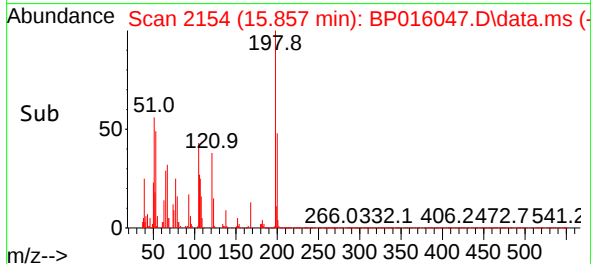
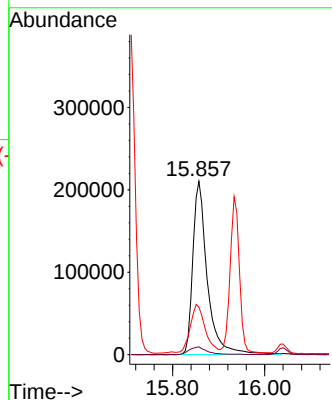
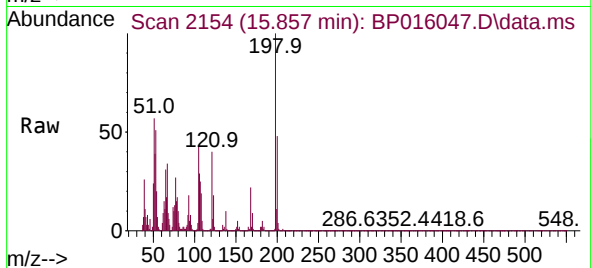




#66
4,6-Dinitro-2-methylphenol
Concen: 40.773 ng/ul
RT: 15.857 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

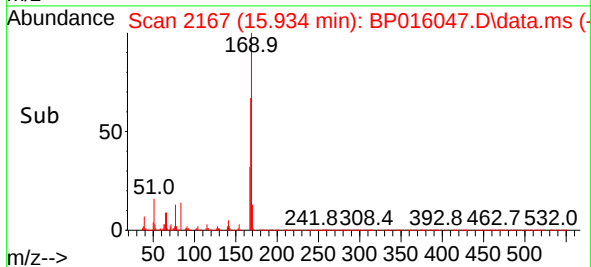
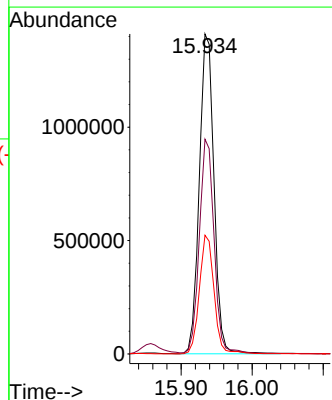
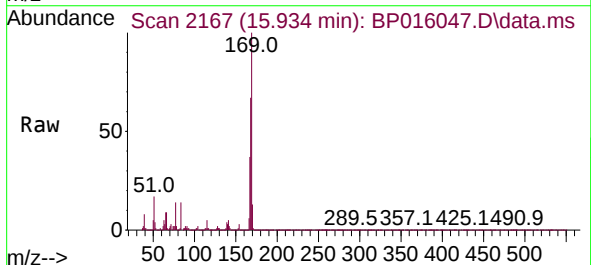
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

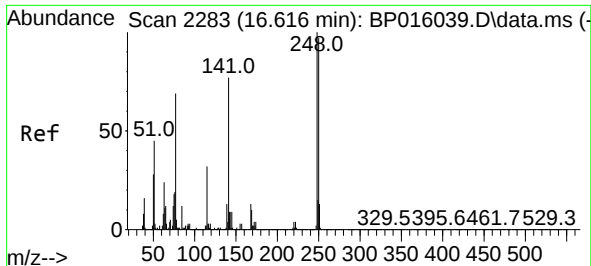
Tgt Ion:198 Resp: 457998
Ion Ratio Lower Upper
198 100
182 4.5 3.4 5.2
77 27.4 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 37.602 ng/ul
RT: 15.934 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:169 Resp: 2032138
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.4
167 37.1 29.7 44.5

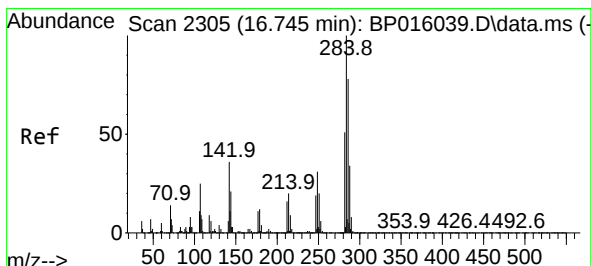
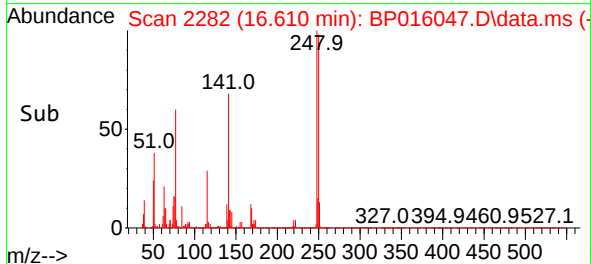
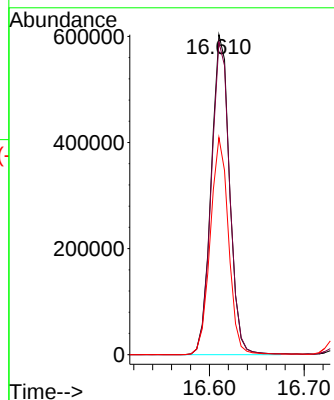
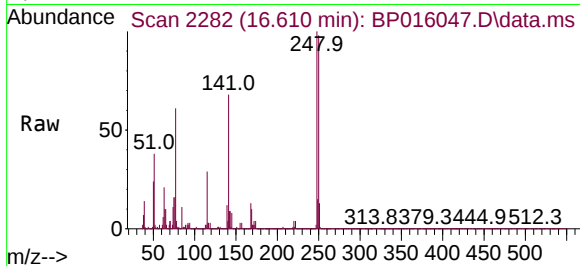




#68
4-Bromophenyl-phenylether
Concen: 39.429 ng/ul
RT: 16.610 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

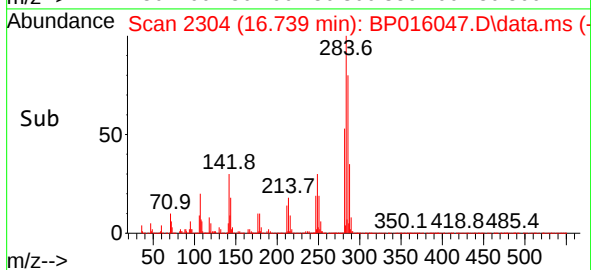
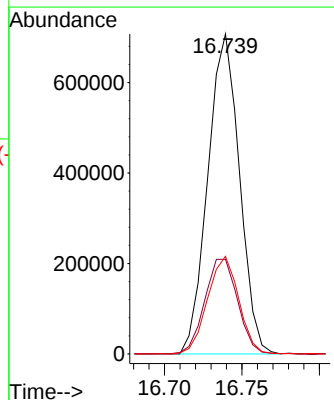
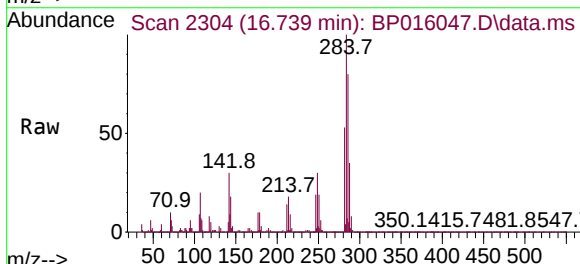
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

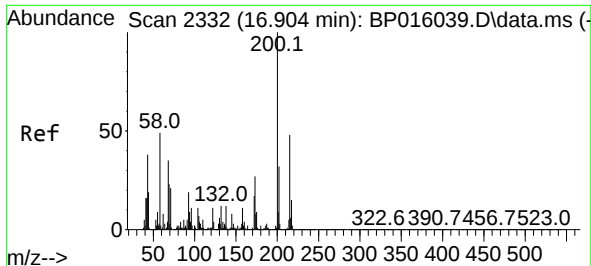
Tgt Ion:248 Resp: 812814
Ion Ratio Lower Upper
248 100
250 97.7 84.6 126.8
141 67.8 67.8 101.6



#69
Hexachlorobenzene
Concen: 41.272 ng/ul
RT: 16.739 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:284 Resp: 1003891
Ion Ratio Lower Upper
284 100
142 27.7 27.8 41.8#
249 31.0 26.1 39.1

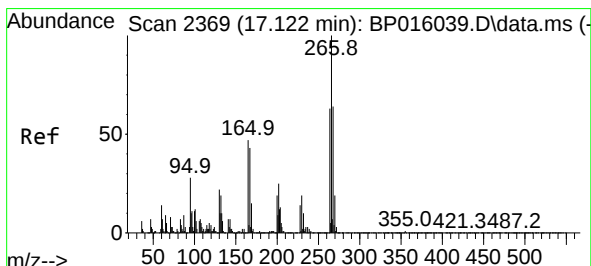
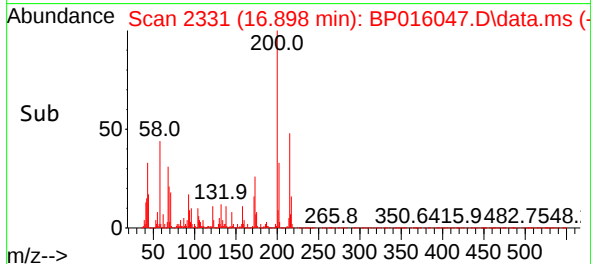
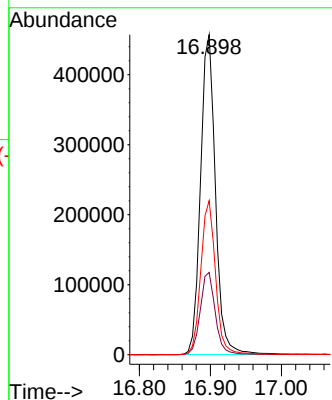
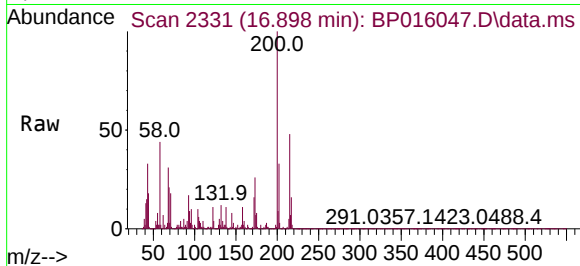




#70
Atrazine
Concen: 32.288 ng/ul
RT: 16.898 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

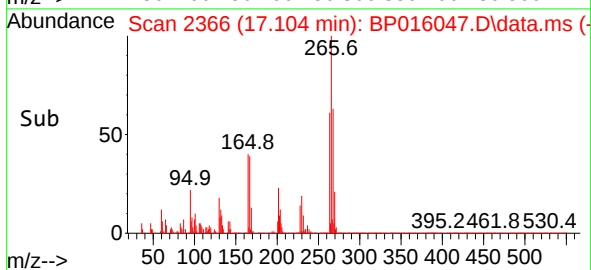
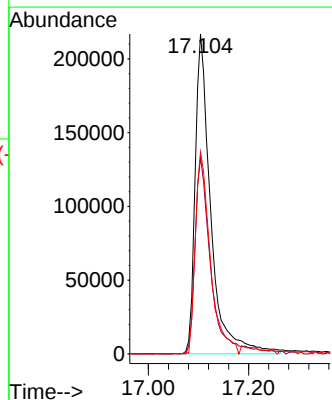
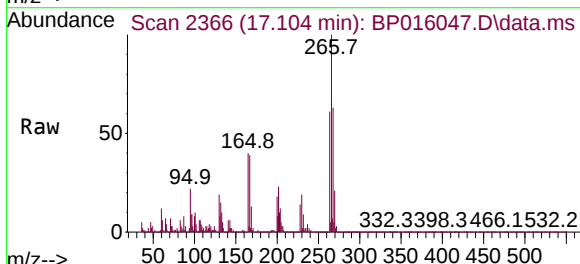
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

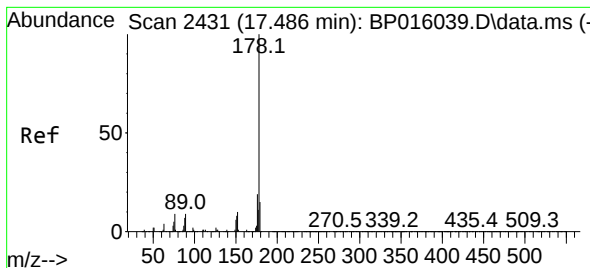
Tgt Ion:200 Resp: 667934
Ion Ratio Lower Upper
200 100
173 25.7 19.8 29.8
215 48.1 36.8 55.2



#71
Pentachlorophenol
Concen: 40.079 ng/ul
RT: 17.104 min Scan# 2366
Delta R.T. -0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:266 Resp: 467889
Ion Ratio Lower Upper
266 100
264 66.0 53.4 80.2
268 67.7 51.4 77.2





#72

Phenanthrene

Concen: 40.039 ng/ul

RT: 17.480 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

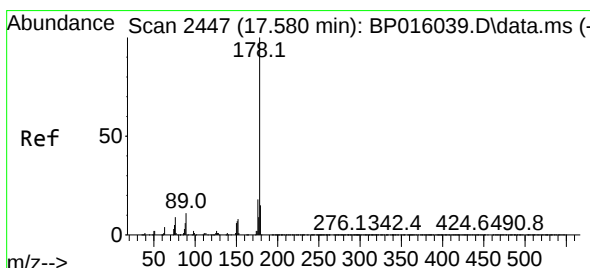
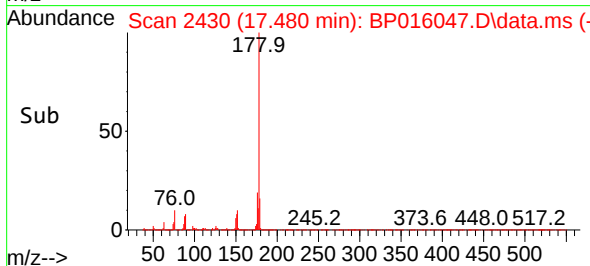
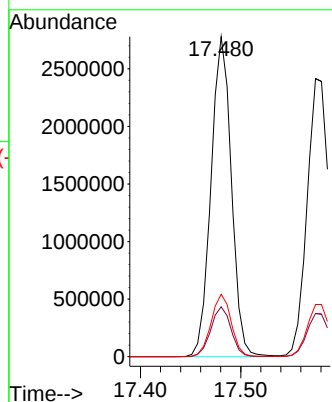
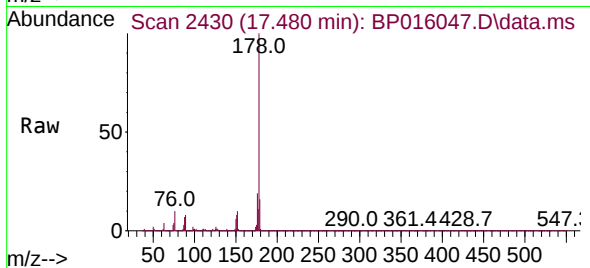
Tgt Ion:178 Resp: 3926708

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.5 15.6 23.4



#74

Anthracene

Concen: 39.778 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

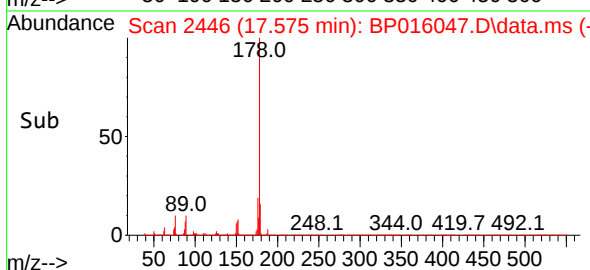
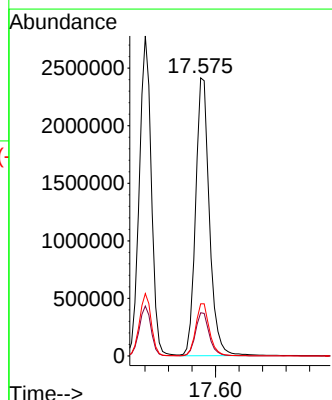
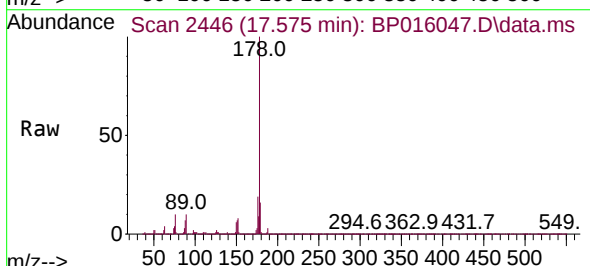
Tgt Ion:178 Resp: 3919946

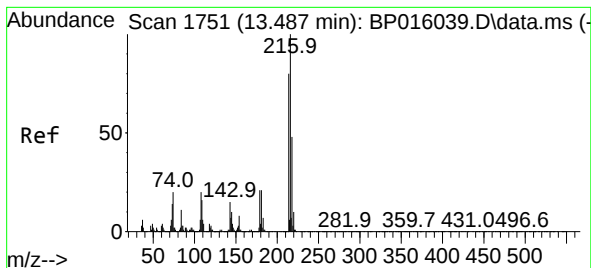
Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 18.7 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 33.115 ng/uL

RT: 13.481 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

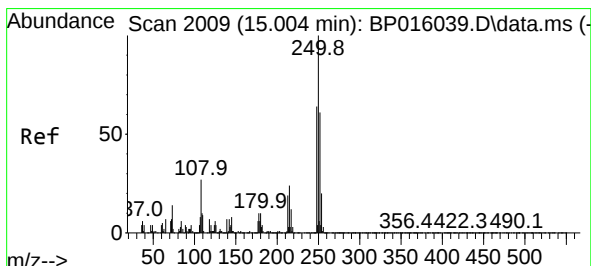
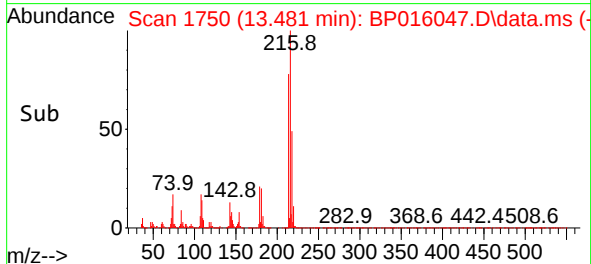
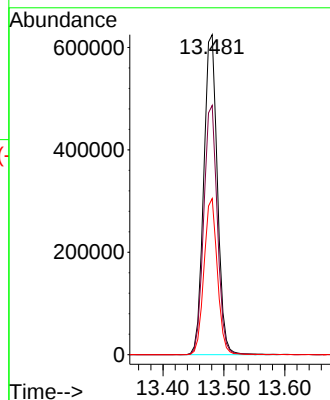
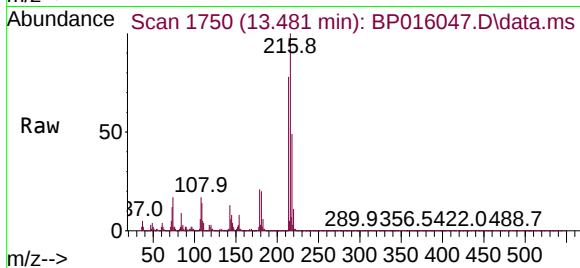
Tgt Ion:216 Resp: 972763

Ion Ratio Lower Upper

216 100

214 77.9 62.0 93.0

218 48.8 38.4 57.6



#76

Pentachlorobenzene

Concen: 36.049 ng/uL

RT: 14.998 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

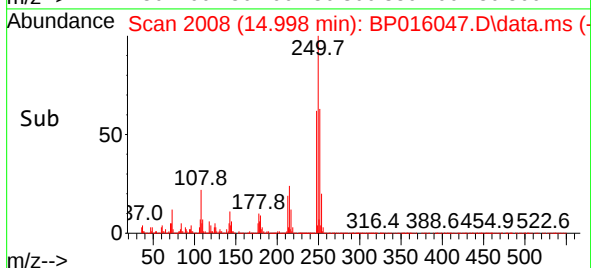
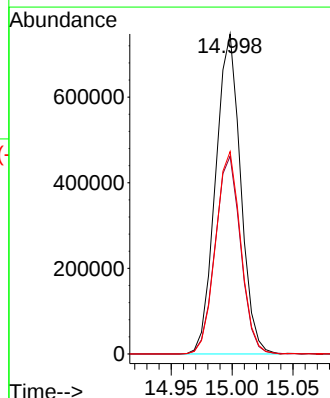
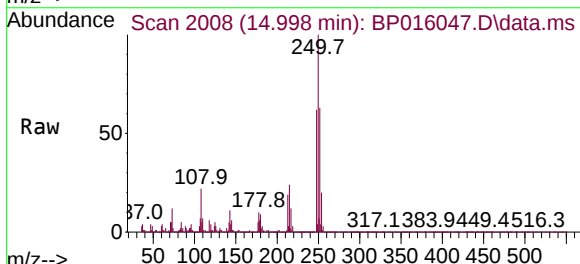
Tgt Ion:250 Resp: 1068758

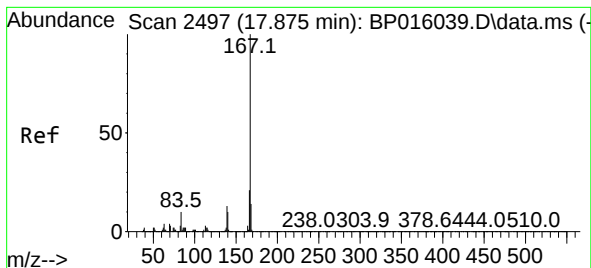
Ion Ratio Lower Upper

250 100

248 58.0 50.7 76.1

252 63.1 51.2 76.8





#77

Carbazole

Concen: 44.260 ng/ul

RT: 17.863 min Scan# 2497

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

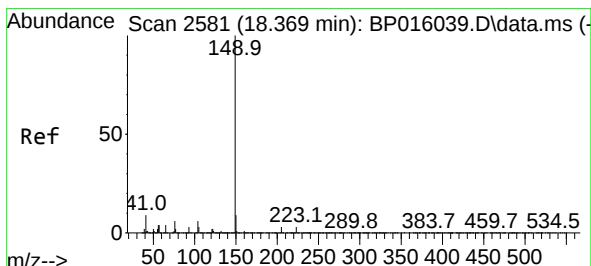
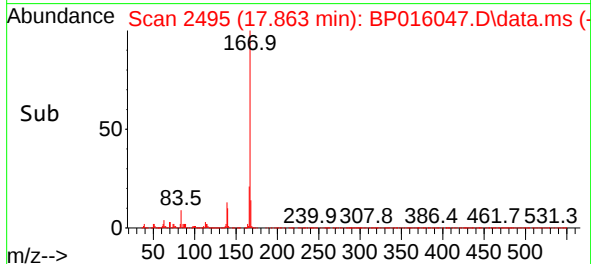
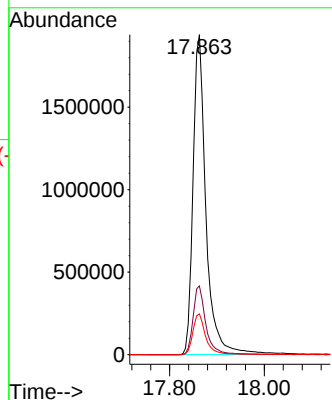
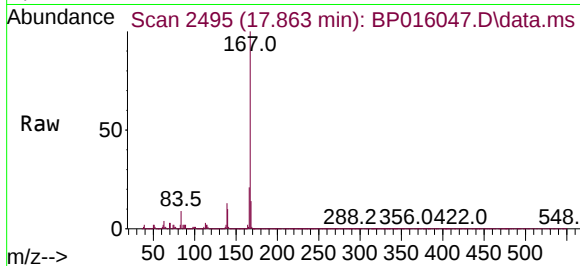
Tgt Ion:167 Resp: 3676196

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 12.8 11.0 16.4



#78

Di-n-butylphthalate

Concen: 41.812 ng/ul

RT: 18.363 min Scan# 2580

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

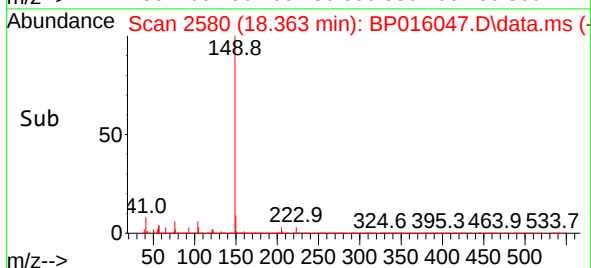
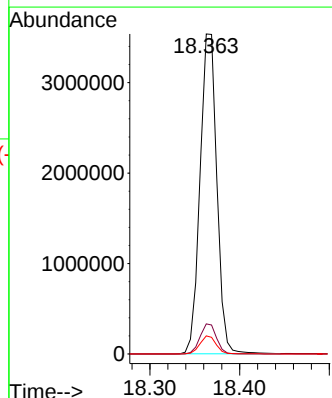
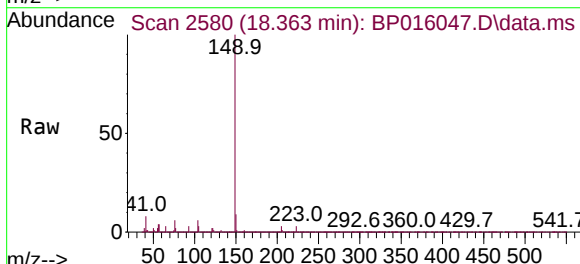
Tgt Ion:149 Resp: 4604058

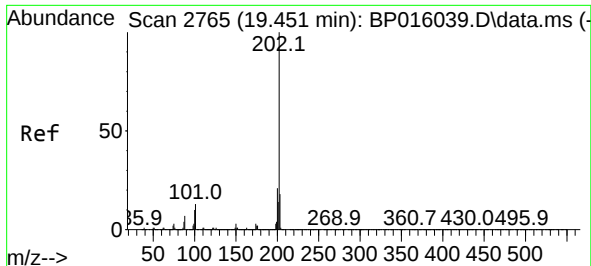
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.6 4.6 7.0

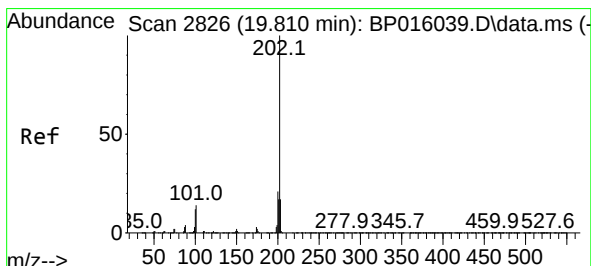
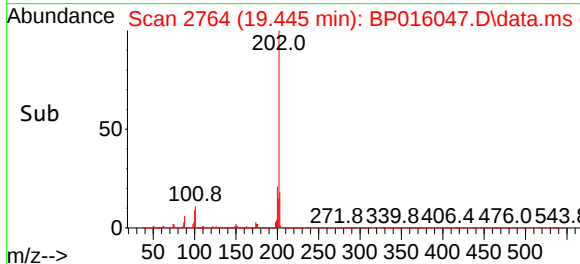
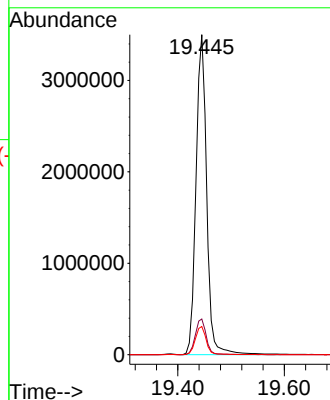
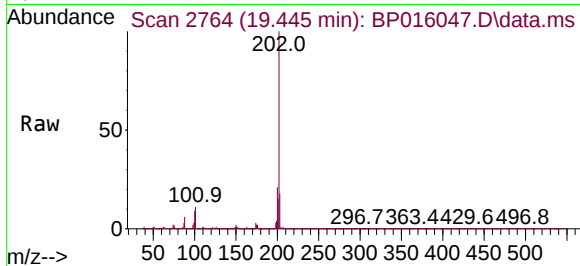




#80
Fluoranthene
Concen: 34.408 ng/ul
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

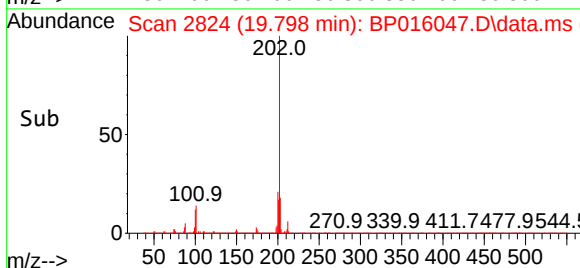
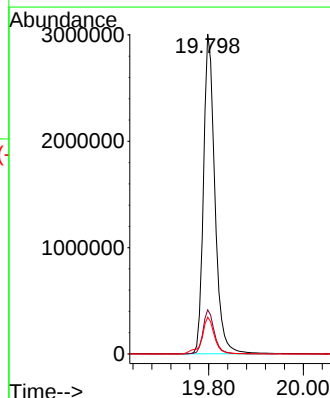
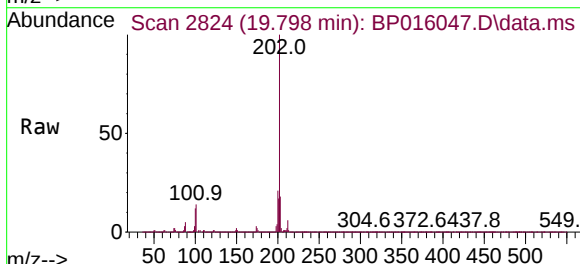
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

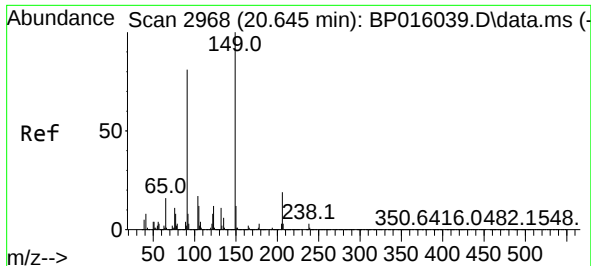
Tgt Ion:202 Resp: 4876459
Ion Ratio Lower Upper
202 100
101 11.2 8.3 12.5
100 8.8 6.6 9.8



#82
Pyrene
Concen: 34.671 ng/ul
RT: 19.798 min Scan# 2824
Delta R.T. -0.012 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:202 Resp: 5012453
Ion Ratio Lower Upper
202 100
101 13.8 9.3 13.9
100 11.5 7.6 11.4#

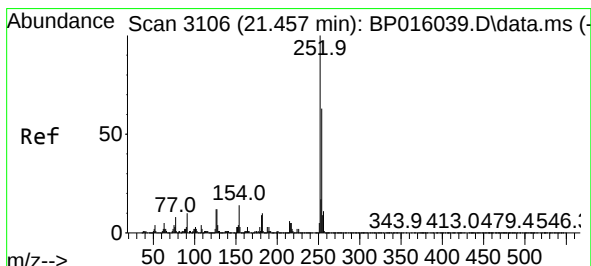
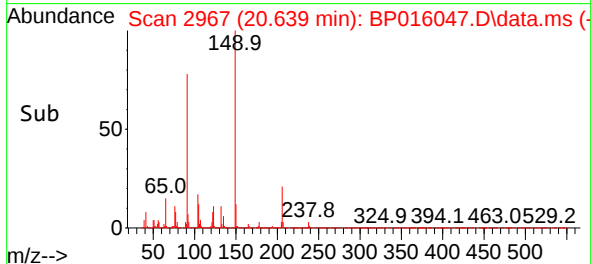
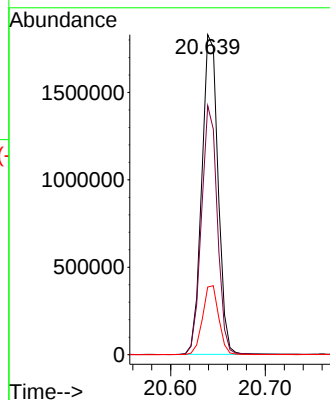
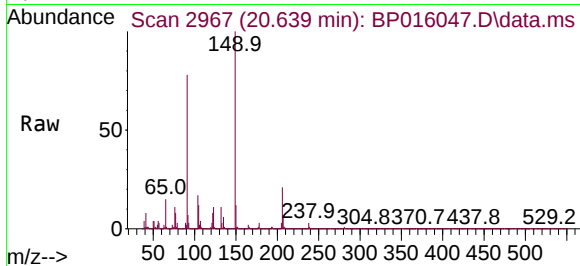




#83
Butylbenzylphthalate
Concen: 37.041 ng/ul
RT: 20.639 min Scan# 2968
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

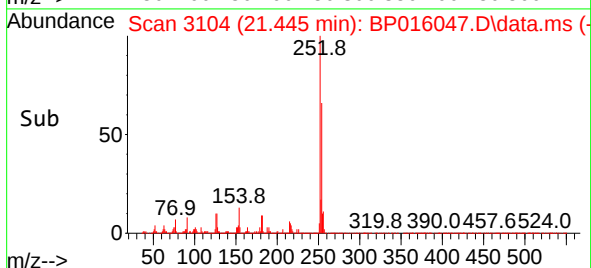
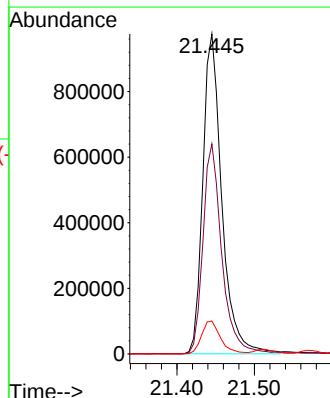
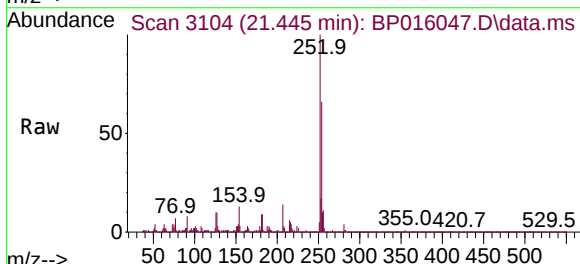
Instrument :
BNA_P
ClientSampleId :
EXYW5MSD

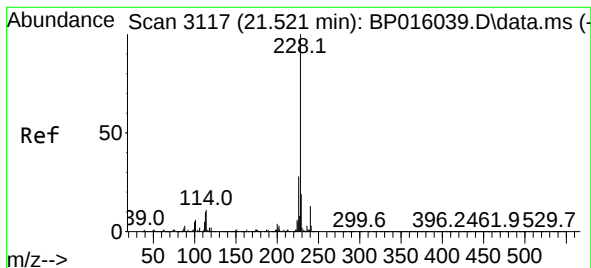
Tgt Ion:149 Resp: 2184710
Ion Ratio Lower Upper
149 100
91 77.8 59.8 89.6
206 21.1 16.4 24.6



#84
3,3'-Dichlorobenzidine
Concen: 41.978 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP016047.D
Acq: 06 Jul 2023 23:45

Tgt Ion:252 Resp: 1657252
Ion Ratio Lower Upper
252 100
254 65.6 51.0 76.6
126 10.3 8.6 13.0





#85

Benzo(a)anthracene

Concen: 39.197 ng/ul

RT: 21.516 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

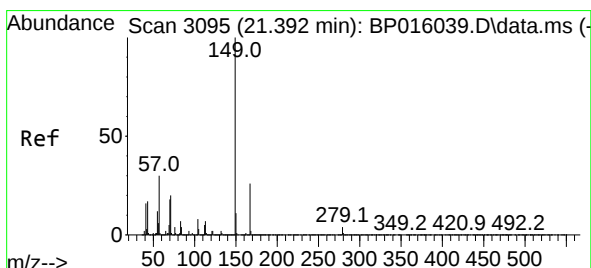
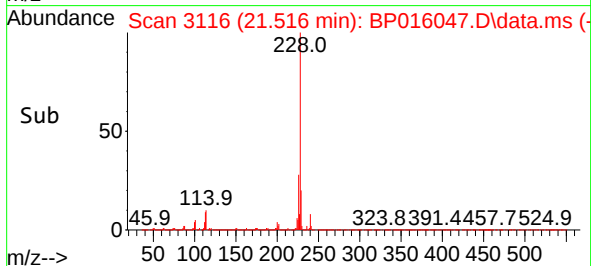
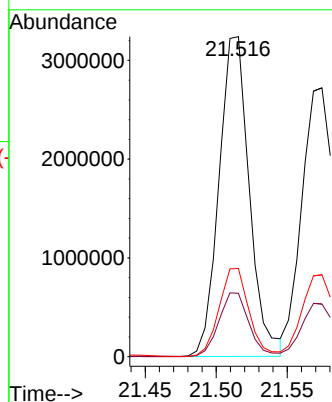
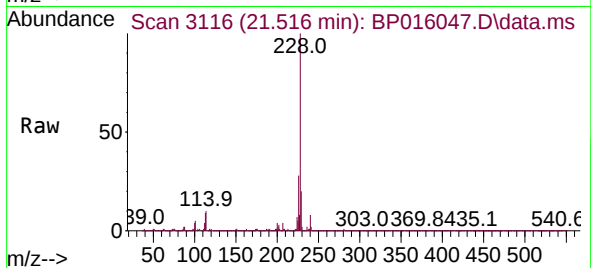
Tgt Ion:228 Resp: 4815416

Ion Ratio Lower Upper

228 100

229 19.8 15.3 22.9

226 27.6 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.731 ng/ul

RT: 21.386 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

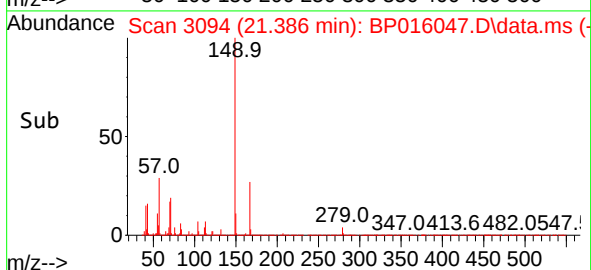
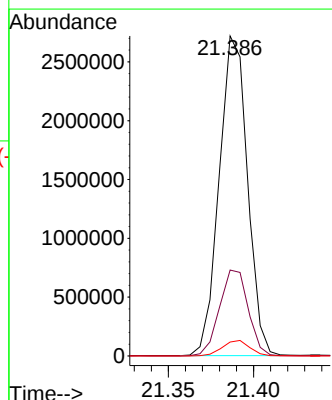
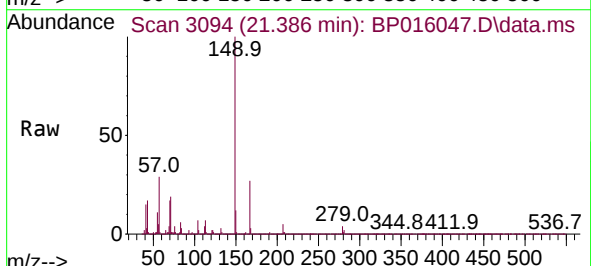
Tgt Ion:149 Resp: 3139410

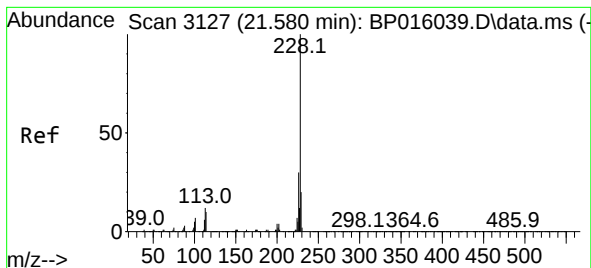
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.6

279 4.4 3.8 5.6





#87

Chrysene

Concen: 40.841 ng/ul

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

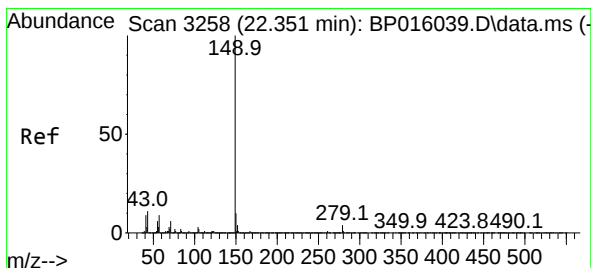
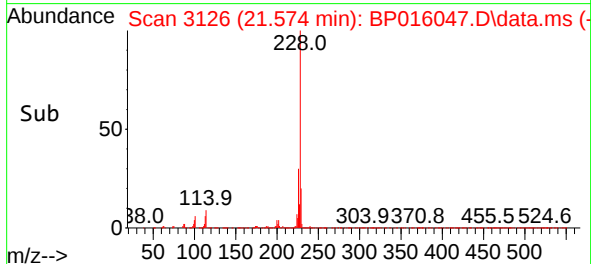
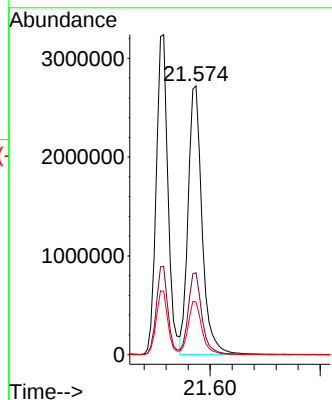
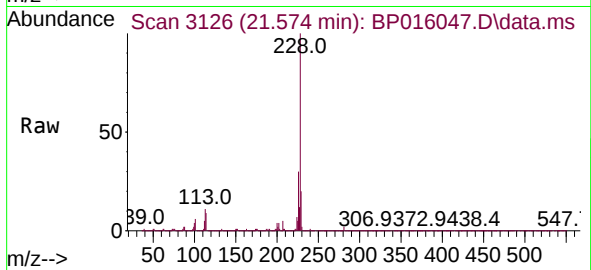
Tgt Ion:228 Resp: 4760315

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 38.531 ng/ul

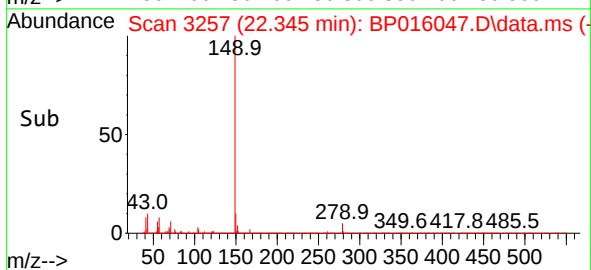
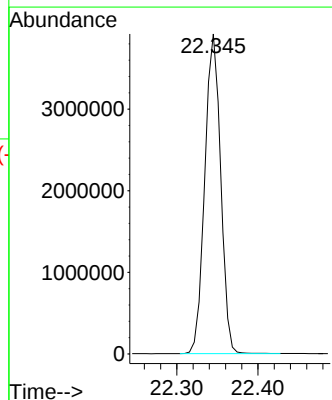
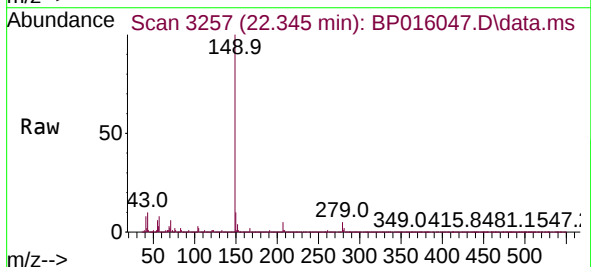
RT: 22.345 min Scan# 3257

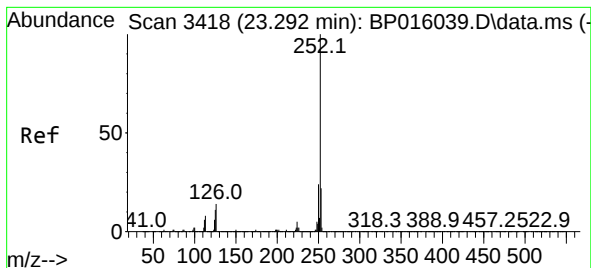
Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Tgt Ion:149 Resp: 5306953





#90

Benzo(b)fluoranthene

Concen: 40.945 ng/ul

RT: 23.280 min Scan# 3418

Delta R.T. -0.012 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

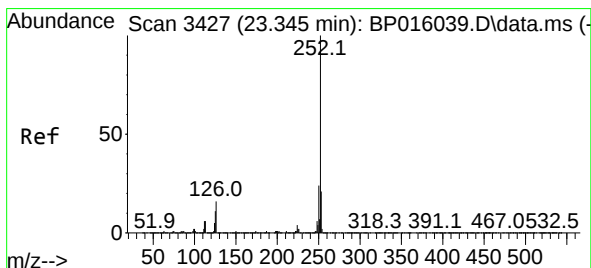
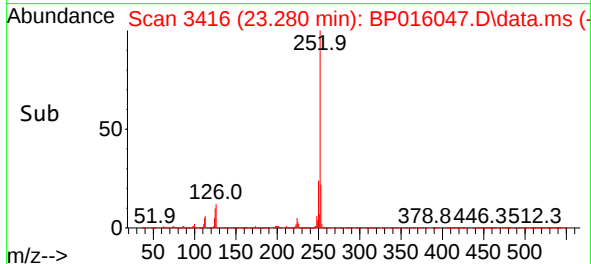
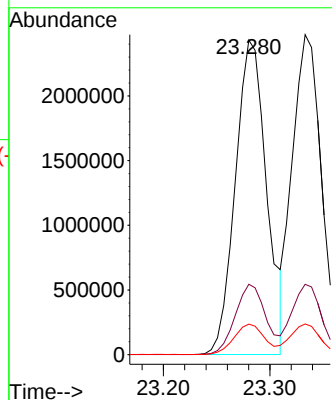
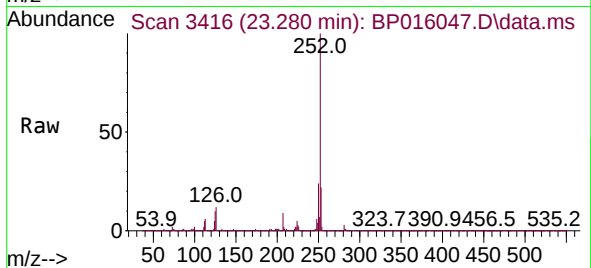
Tgt Ion:252 Resp: 4958306

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 9.7 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 39.717 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

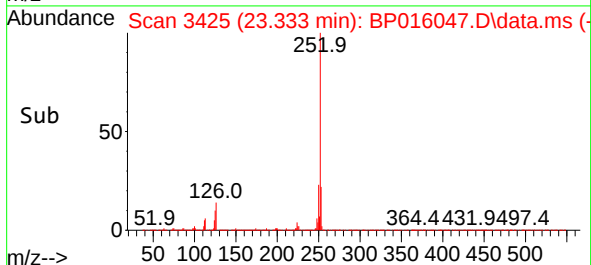
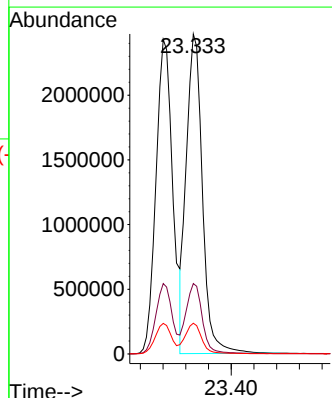
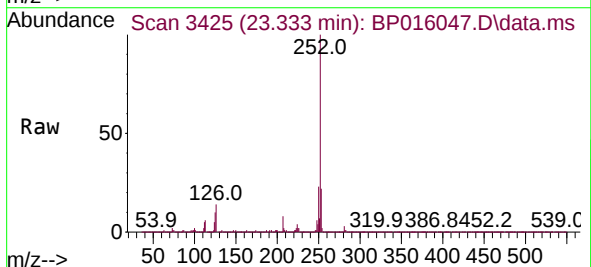
Tgt Ion:252 Resp: 4859348

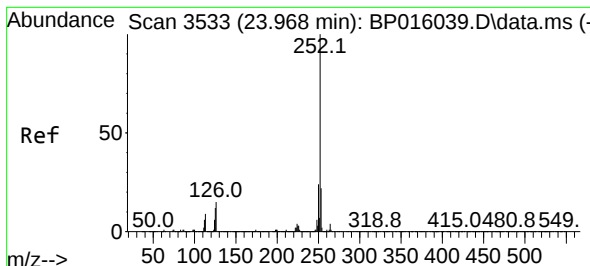
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.6 7.3 10.9





#93

Benzo(a)pyrene

Concen: 40.197 ng/ul

RT: 23.957 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

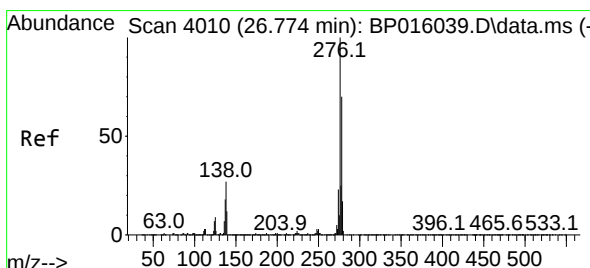
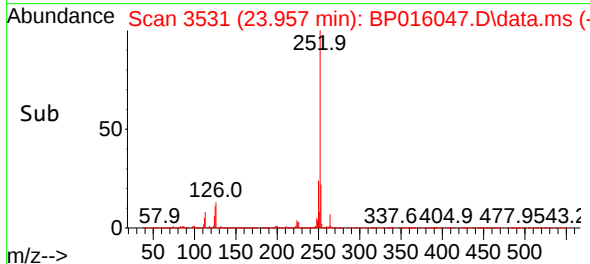
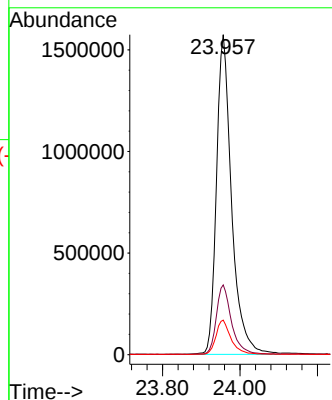
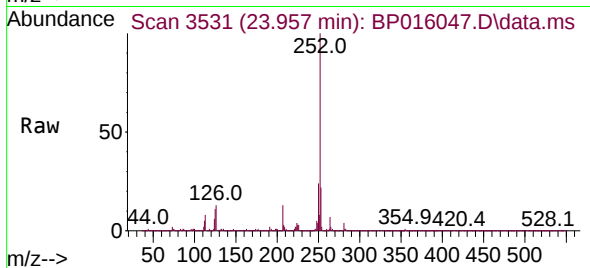
Tgt Ion:252 Resp: 4253261

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.8 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.045 ng/ul

RT: 26.762 min Scan# 4008

Delta R.T. -0.012 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

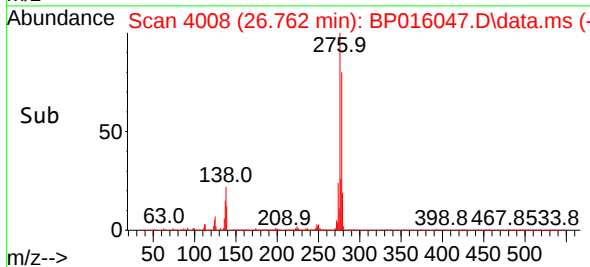
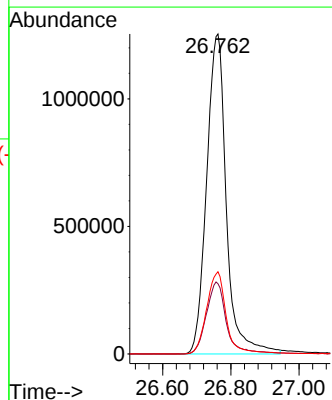
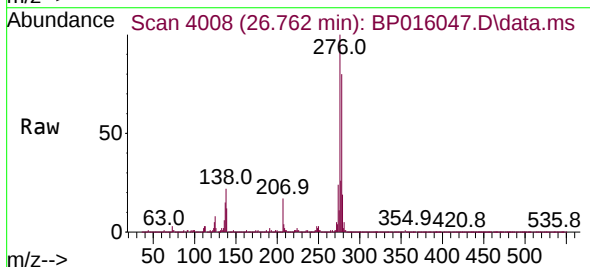
Tgt Ion:276 Resp: 5033953

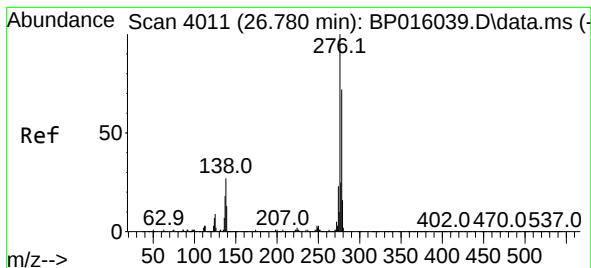
Ion Ratio Lower Upper

276 100

138 21.9 15.7 23.5

277 25.7 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 35.812 ng/ul

RT: 26.762 min Scan# 4011

Delta R.T. -0.018 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Instrument :

BNA_P

ClientSampleId :

EXYW5MSD

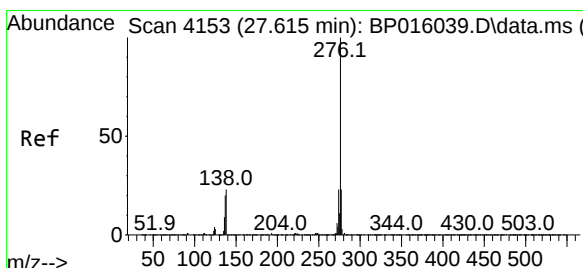
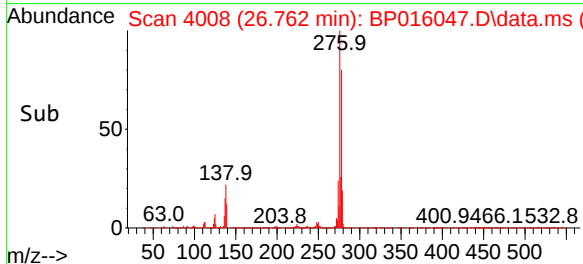
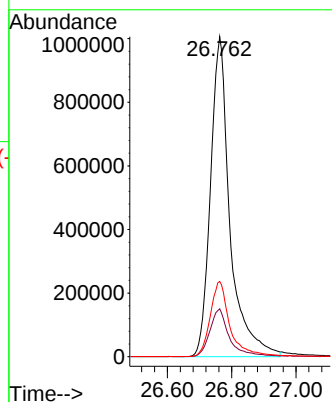
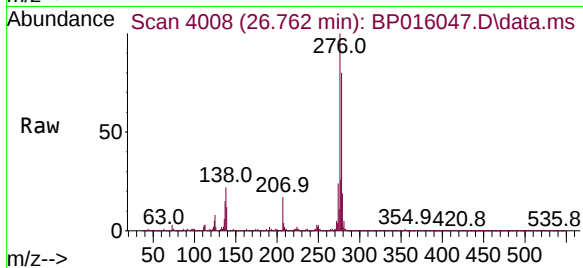
Tgt Ion:278 Resp: 4225300

Ion Ratio Lower Upper

278 100

139 14.9 10.5 15.7

279 23.5 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 33.676 ng/ul

RT: 27.603 min Scan# 4151

Delta R.T. -0.018 min

Lab File: BP016047.D

Acq: 06 Jul 2023 23:45

Tgt Ion:276 Resp: 3979501

Ion Ratio Lower Upper

276 100

138 19.6 15.1 22.7

277 23.7 18.8 28.2

