

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016043.D
 Acq On : 06 Jul 2023 21:29
 Operator : MA/JU
 Sample : 03257-10MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

Quant Time: Jul 06 23:31:37 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	8.028	152	275348	20.000	ng/u1	0.00
20) Naphthalene-d8	10.845	136	1233720	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	804512	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1840967	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1687521	20.000	ng/u1	0.00
88) Perylene-d12	24.080	264	1602513	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	29638	3.873	ng/uL	0.00
4) Pyridine-d5	3.811	84	190562	9.878	ng/u1	0.00
7) Phenol-d5	7.222	99	190626	8.091	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	468982	32.176	ng/u1	0.00
11) 2-Chlorophenol-d4	7.563	132	436233	24.529	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	304504	16.361	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	294126	31.195	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	330090	29.997	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	552069	28.153	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	766417	30.425	ng/u1	0.00
46) Dimethylphthalate-d6	14.086	166	2226504	35.806	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	2300260	32.907	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	153541	18.711	ng/u1	0.04
60) Fluorene-d10	15.669	176	1782893	34.821	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	386075	34.100	ng/u1	0.00
73) Anthracene-d10	17.539	188	2882625	34.279	ng/u1	0.00
81) Pyrene-d10	19.774	212	3574612	32.440	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	2947675	36.464	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	30408	3.692	ng/uL	99
5) Pyridine	3.828	79	159557	7.906	ng/u1	98
6) Benzaldehyde	7.175	77	401716	42.175	ng/u1	95
8) Phenol	7.252	94	151539	6.198	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.446	93	520937	26.781	ng/u1	97
12) 2-Chlorophenol	7.593	128	370221	19.595	ng/u1	97
13) 2-Methylphenol	8.499	108	290770	15.753	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.557	45	773333	29.108	ng/u1	98
16) Acetophenone	8.869	105	842404	27.535	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.846	70	474106	27.902	ng/u1	99
18) 4-Methylphenol	8.840	108	275294	13.881	ng/u1	96
19) Hexachloroethane	9.093	117	179610	20.583	ng/u1	99
22) Nitrobenzene	9.257	77	653790	24.692	ng/u1	93
23) Isophorone	9.781	82	1367406	26.987	ng/u1	97
25) 2-Nitrophenol	9.975	139	295911	25.338	ng/u1	91
26) 2,4-Dimethylphenol	10.034	107	399810	15.573	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.257	93	785256	27.454	ng/u1	99
29) 2,4-Dichlorophenol	10.528	162	466116	23.909	ng/u1	99
30) Naphthalene	10.898	128	1657439	24.713	ng/u1	99
32) 4-Chloroaniline	11.040	127	617010	23.575	ng/u1	100
33) Hexachlorobutadiene	11.157	225	311819	21.180	ng/u1	99
34) Caprolactam	11.881	113	30894	5.181	ng/u1	92
35) 4-Chloro-3-methylphenol	12.175	107	501289	21.967	ng/u1	94
36) 2-Methylnaphthalene	12.510	142	1165844	26.406	ng/u1	98

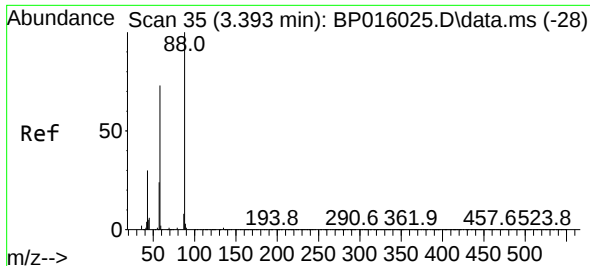
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	1208204	26.825	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.881	216	692713	26.129	ng/ul	98
40) Hexachlorocyclopentadiene	12.828	237	100483	12.669	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	448723	26.782	ng/ul	98
42) 2,4,5-Trichlorophenol	13.222	196	486850	27.395	ng/ul	97
43) 1,1'-Biphenyl	13.510	154	1678663	26.343	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1310969	26.115	ng/ul	97
45) 2-Nitroaniline	13.792	65	466316	29.523	ng/ul	92
47) Dimethylphthalate	14.134	163	1907083	29.635	ng/ul	98
48) 2,6-Dinitrotoluene	14.281	165	405721	31.081	ng/ul	94
50) Acenaphthylene	14.398	152	2105376	27.335	ng/ul	99
51) 3-Nitroaniline	14.628	138	361363	35.301	ng/ul	99
52) Acenaphthene	14.739	153	1472634	27.572	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	189028	27.294	ng/ul#	81
55) 4-Nitrophenol	14.998	109	69421	8.164	ng/ul#	36
56) Dibenzofuran	15.081	168	2102905	28.363	ng/ul	94
57) 2,4-Dinitrotoluene	15.092	165	573124	32.218	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.322	232	464046	30.400	ng/ul	93
59) Diethylphthalate	15.486	149	1970130	30.252	ng/ul	98
61) Fluorene	15.728	166	1757331	29.221	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	883655	28.716	ng/ul	93
63) 4-Nitroaniline	15.804	138	336758	48.066	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.857	198	331001	28.895	ng/ul	100
67) N-Nitrosodiphenylamine	15.933	169	1529277	27.748	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	609075	28.973	ng/ul	88
69) Hexachlorobenzene	16.739	284	751791	30.308	ng/ul	93
70) Atrazine	16.898	200	516077	24.463	ng/ul	96
71) Pentachlorophenol	17.110	266	339132	28.486	ng/ul	96
72) Phenanthrene	17.480	178	2952772	29.524	ng/ul	100
74) Anthracene	17.580	178	2923147	29.088	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	708730	23.659	ng/uL	99
76) Pentachlorobenzene	14.998	250	788834	26.091	ng/uL	100
77) Carbazole	17.863	167	2756738	32.546	ng/ul	98
78) Di-n-butylphthalate	18.369	149	3542192	31.545	ng/ul	99
80) Fluoranthene	19.445	202	3618392	26.422	ng/ul	97
82) Pyrene	19.804	202	3739094	26.766	ng/ul	95
83) Butylbenzylphthalate	20.645	149	1600471	28.082	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	1128745	29.589	ng/ul	99
85) Benzo(a)anthracene	21.516	228	3396633	28.613	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	2394129	30.567	ng/ul	98
87) Chrysene	21.574	228	3426358	30.422	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	3653540	31.197	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	3061381	29.731	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	3344386	32.146	ng/ul	98
93) Benzo(a)pyrene	23.962	252	2679051	29.776	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.768	276	2965191	24.277	ng/ul	96
95) Dibenzo(a,h)anthracene	26.768	278	2485619	24.776	ng/ul	98
96) Benzo(g,h,i)perylene	27.615	276	2348603	23.374	ng/ul	99

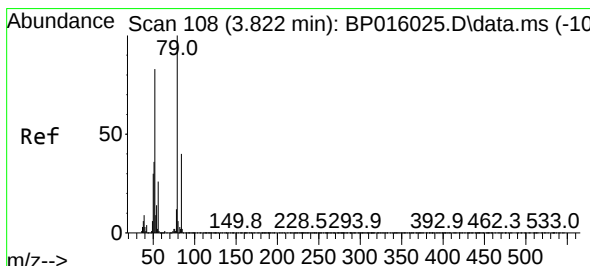
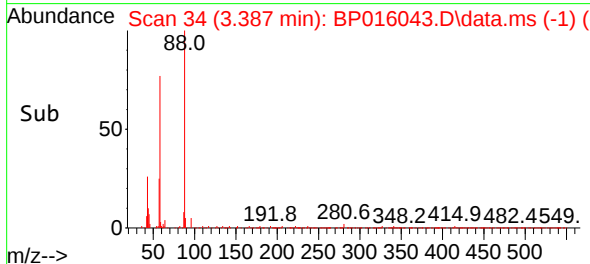
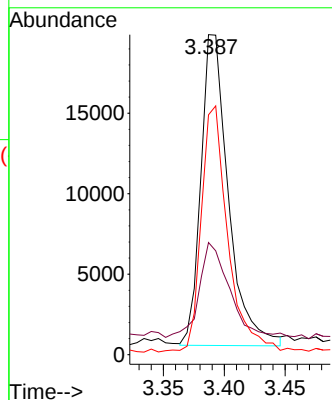
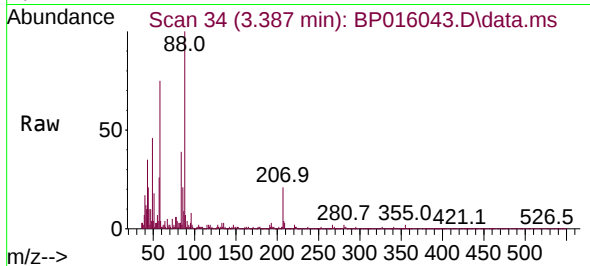
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#2
1,4-Dioxane
Concen: 3.692 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP016043.D
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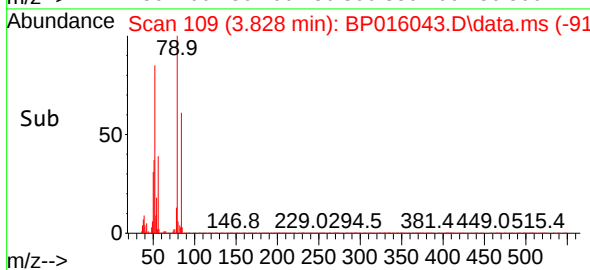
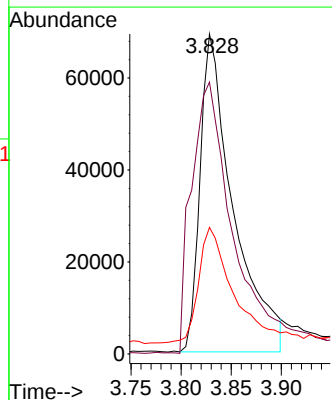
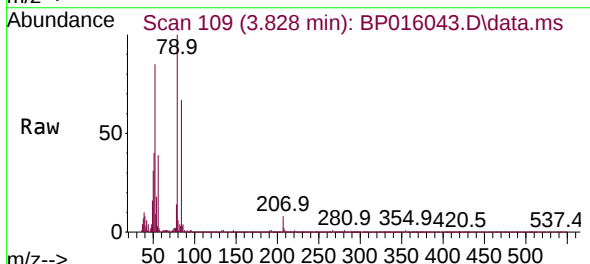
Instrument :
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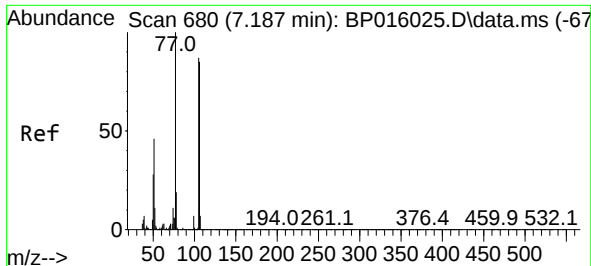
Tgt Ion: 88	Resp: 30408
Ion Ratio	Lower Upper
88	100
43	35.1 27.4 41.2
58	74.9 59.8 89.8



#5
Pyridine
Concen: 7.906 ng/uL
RT: 3.828 min Scan# 109
Delta R.T. 0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion: 79	Resp: 159557
Ion Ratio	Lower Upper
79	100
52	84.9 65.5 98.3
51	39.5 31.8 47.8

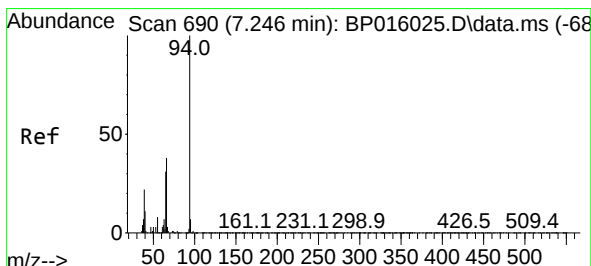
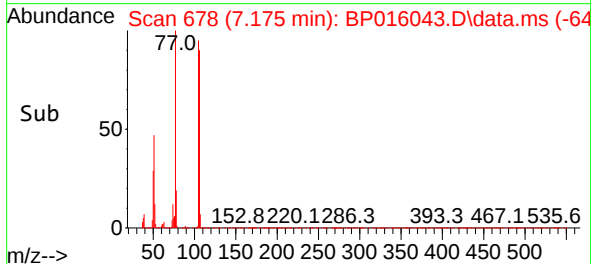
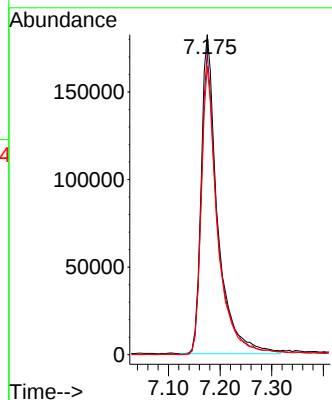
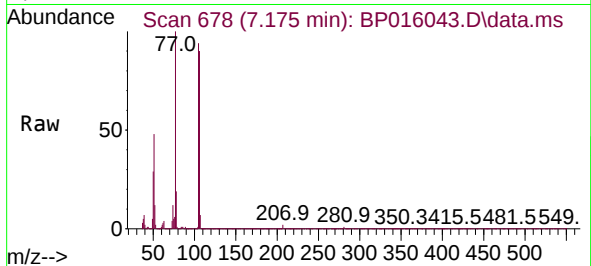




#6
Benzaldehyde
Concen: 42.175 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

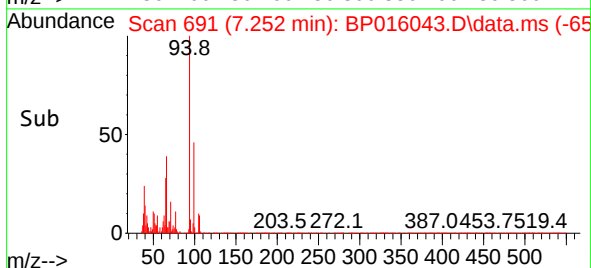
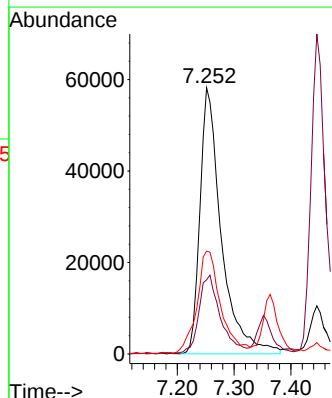
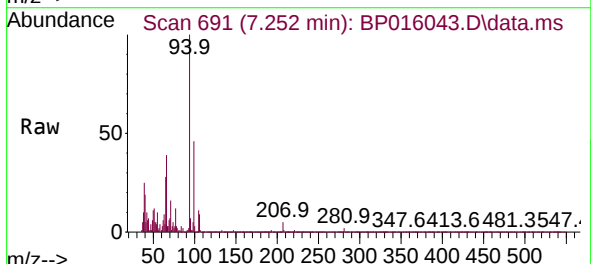
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BNA_P
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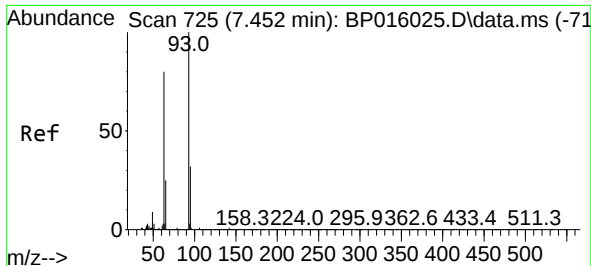
Tgt Ion: 77 Resp: 401716
Ion Ratio Lower Upper
77 100
105 94.3 73.4 110.0
106 90.2 66.6 100.0



#8
Phenol
Concen: 6.198 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion: 94 Resp: 151539
Ion Ratio Lower Upper
94 100
65 27.8 26.4 39.6
66 38.6 37.3 55.9

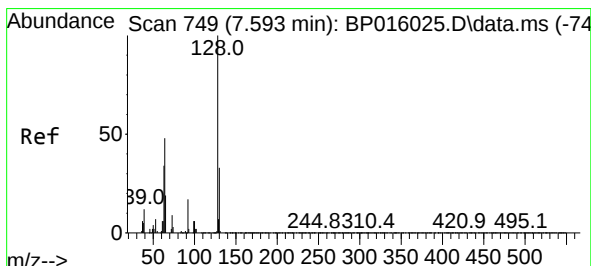
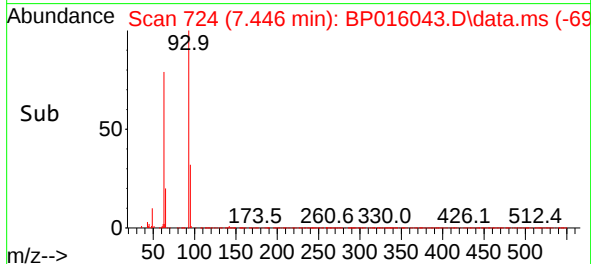
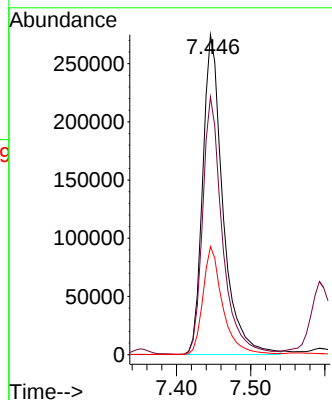
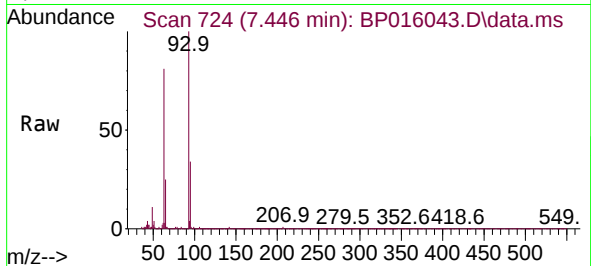




#10
Bis(2-Chloroethyl)ether
Concen: 26.781 ng/ul
RT: 7.446 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

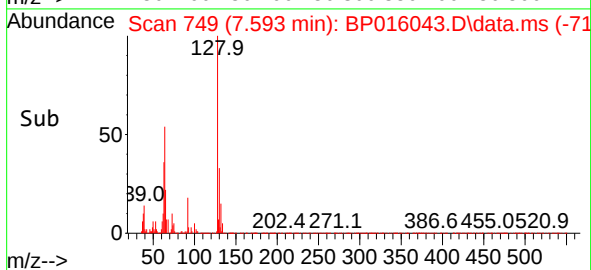
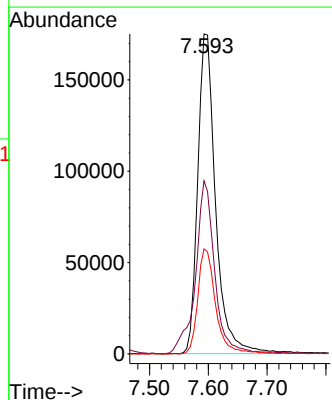
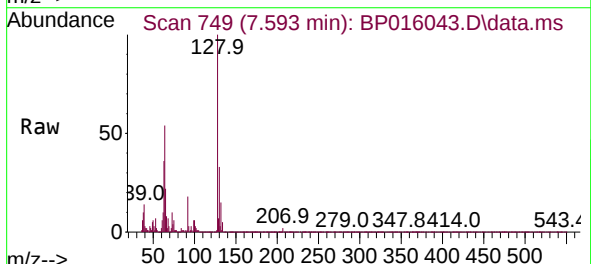
Instrument :
BNA_P
ClientSampleId :
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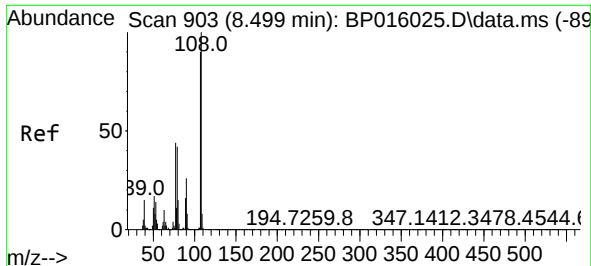
Tgt Ion: 93 Resp: 520937
Ion Ratio Lower Upper
93 100
63 80.6 62.8 94.2
95 33.8 25.6 38.4



#12
2-Chlorophenol
Concen: 19.595 ng/ul
RT: 7.593 min Scan# 749
Delta R.T. -0.000 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:128 Resp: 370221
Ion Ratio Lower Upper
128 100
64 54.1 41.2 61.8
130 32.9 26.0 39.0





#13

2-Methylphenol

Concen: 15.753 ng/ul

RT: 8.499 min Scan# 903

Delta R.T. -0.000 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

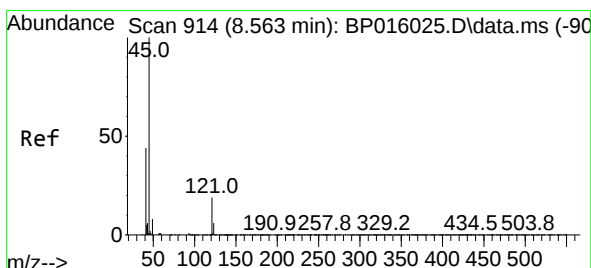
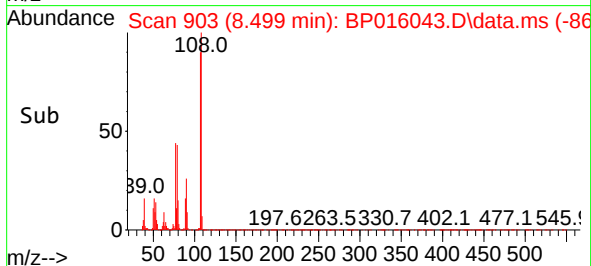
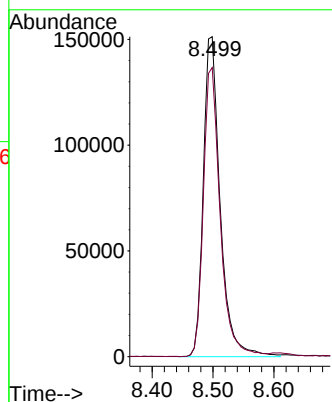
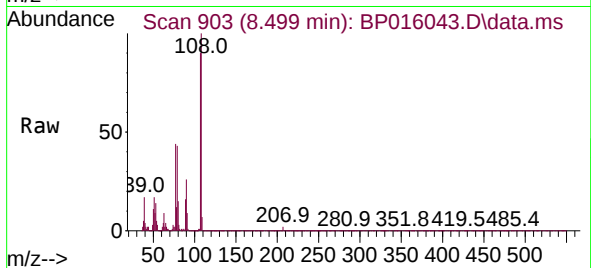
EXYY0MSD

Tgt Ion:108 Resp: 290770

Ion Ratio Lower Upper

108 100

107 90.4 73.8 110.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.108 ng/ul

RT: 8.557 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

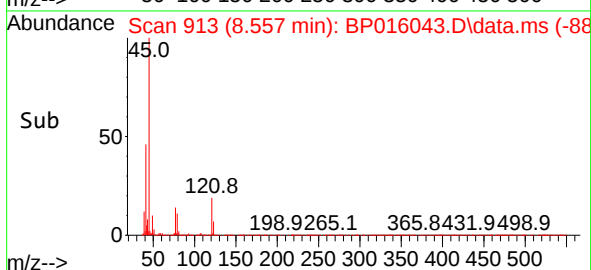
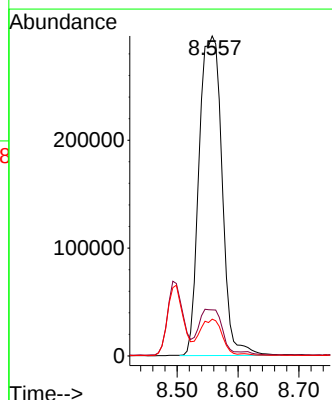
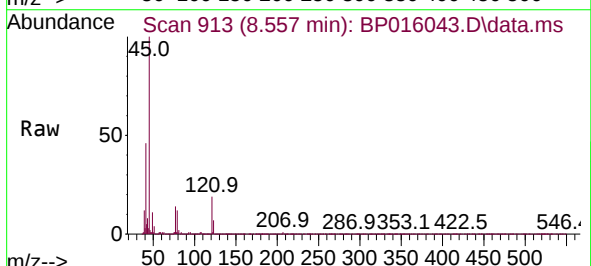
Tgt Ion: 45 Resp: 773333

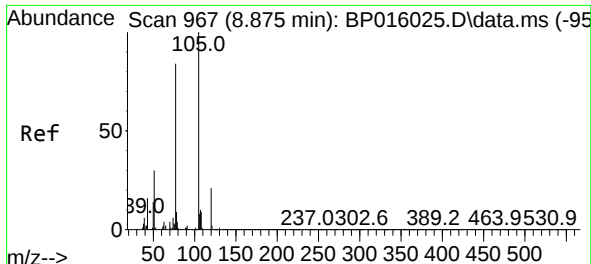
Ion Ratio Lower Upper

45 100

77 14.4 12.4 18.6

79 11.5 9.3 13.9

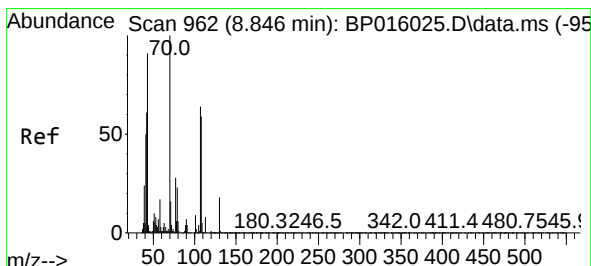
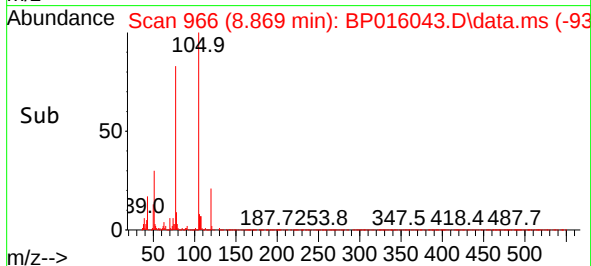
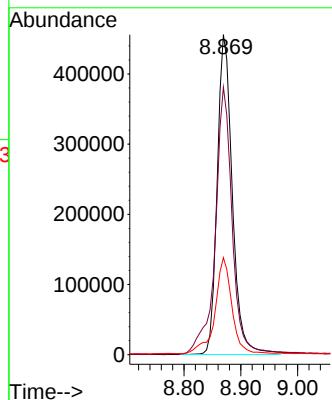
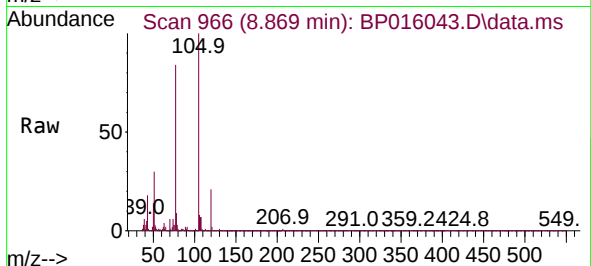




#16
Acetophenone
Concen: 27.535 ng/ul
RT: 8.869 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

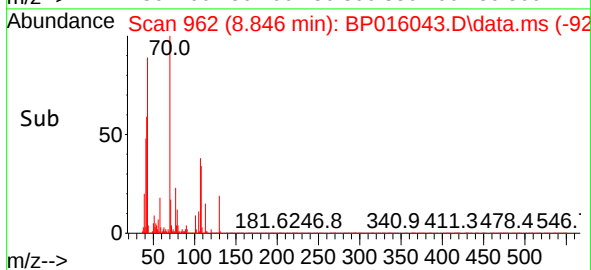
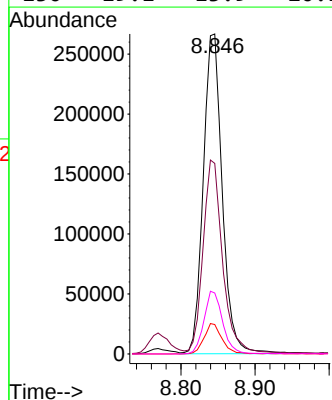
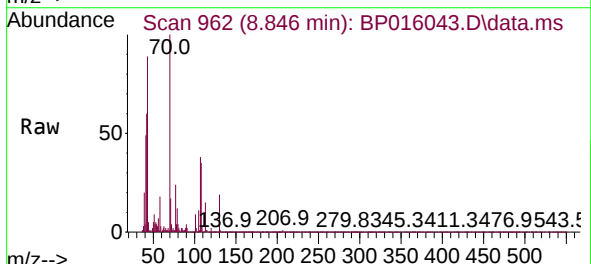
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

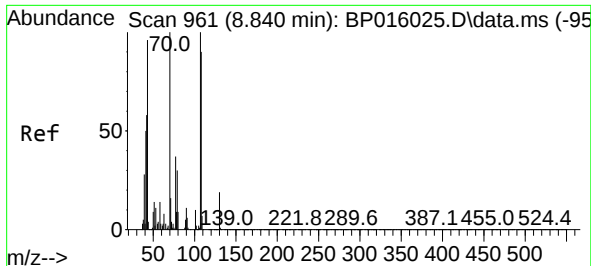
Tgt Ion:105 Resp: 842404
Ion Ratio Lower Upper
105 100
77 83.6 65.0 97.4
51 30.3 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 27.902 ng/ul
RT: 8.846 min Scan# 962
Delta R.T. -0.000 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion: 70 Resp: 474106
Ion Ratio Lower Upper
70 100
42 59.6 48.2 72.2
101 9.2 7.6 11.4
130 19.1 13.9 20.9

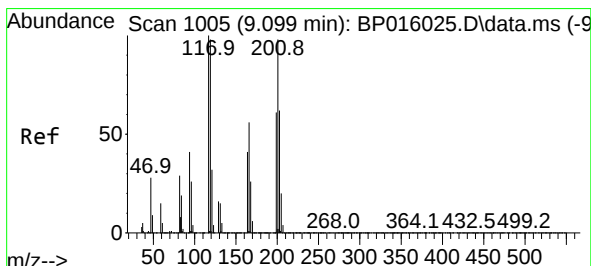
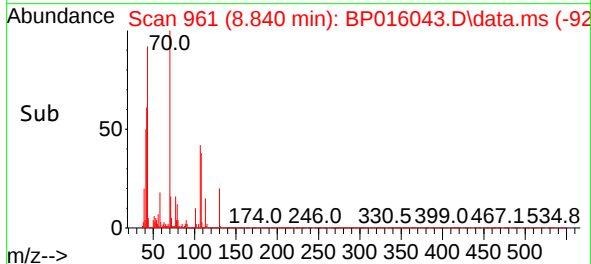
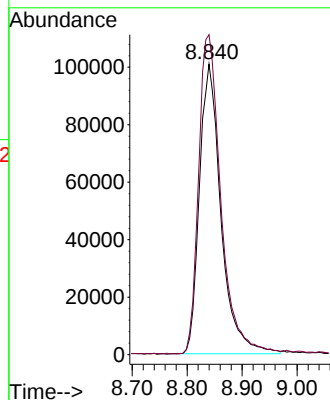
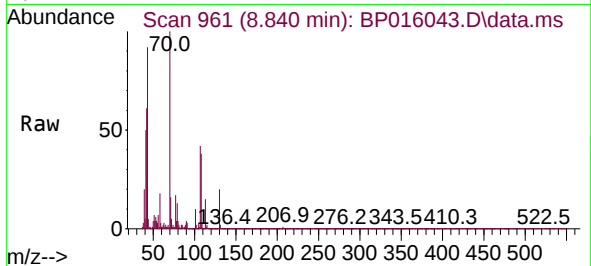




#18
4-Methylphenol
Concen: 13.881 ng/ul
RT: 8.840 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

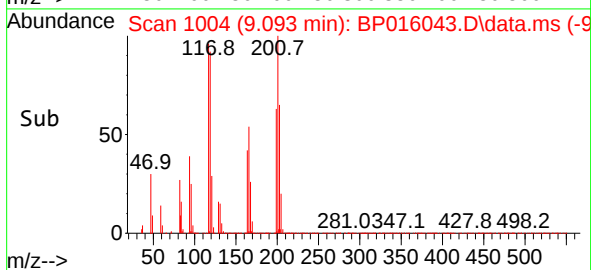
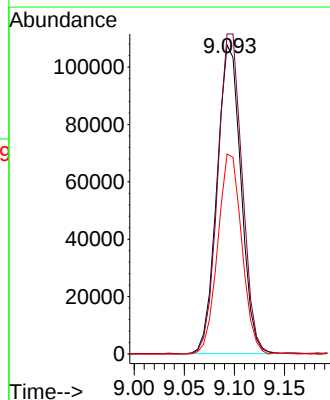
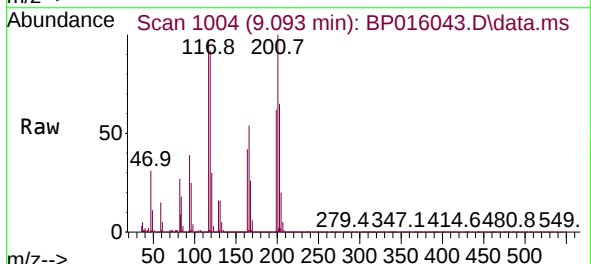
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

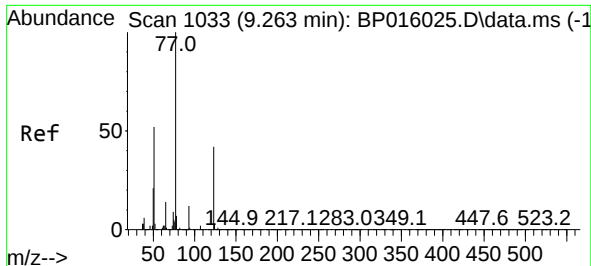
Tgt Ion:108 Resp: 275294
Ion Ratio Lower Upper
108 100
107 110.1 91.3 136.9



#19
Hexachloroethane
Concen: 20.583 ng/ul
RT: 9.093 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:117 Resp: 179610
Ion Ratio Lower Upper
117 100
201 105.9 84.2 126.2
199 66.2 51.8 77.8

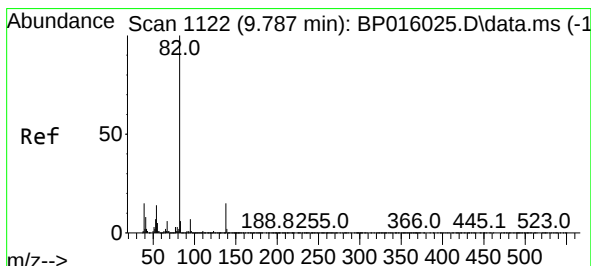
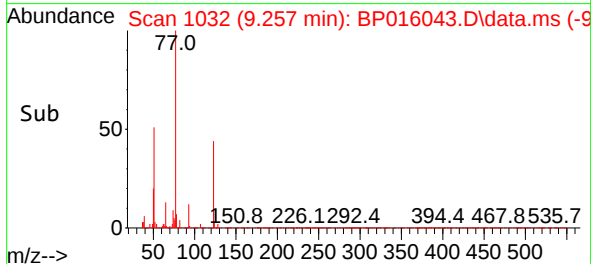
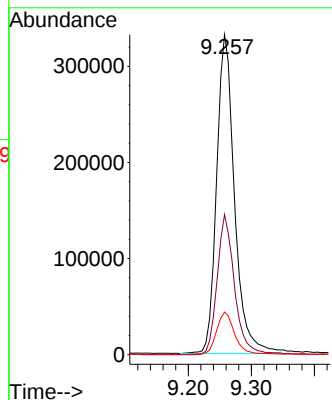
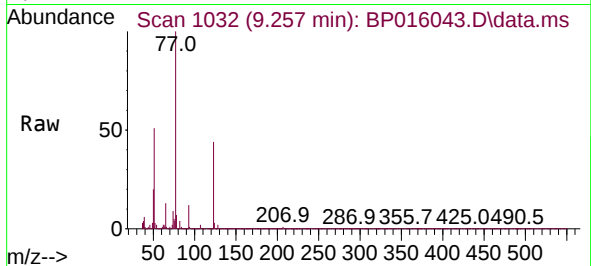




#22
Nitrobenzene
Concen: 24.692 ng/ul
RT: 9.257 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

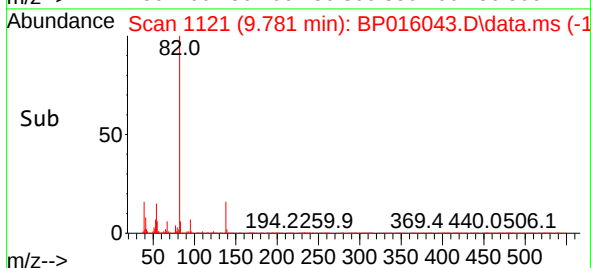
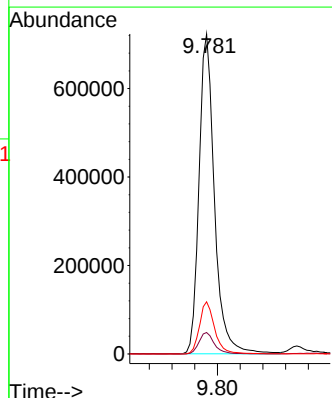
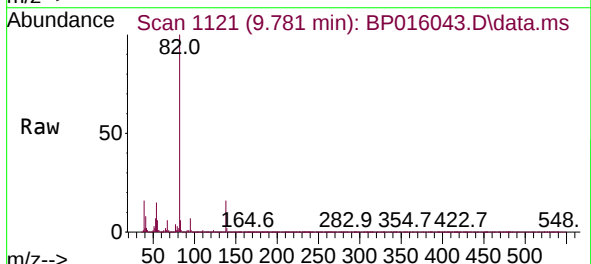
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

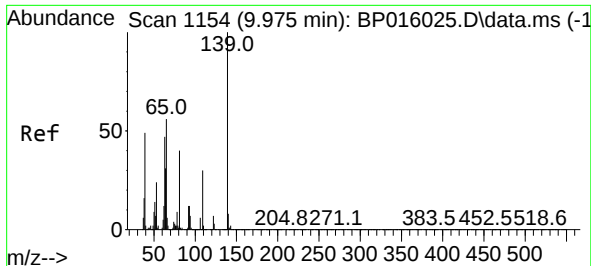
Tgt Ion: 77 Resp: 653790
Ion Ratio Lower Upper
77 100
123 43.8 31.0 46.4
65 13.3 11.3 16.9



#23
Isophorone
Concen: 26.987 ng/ul
RT: 9.781 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion: 82 Resp: 1367406
Ion Ratio Lower Upper
82 100
95 6.7 6.3 9.5
138 16.3 12.3 18.5

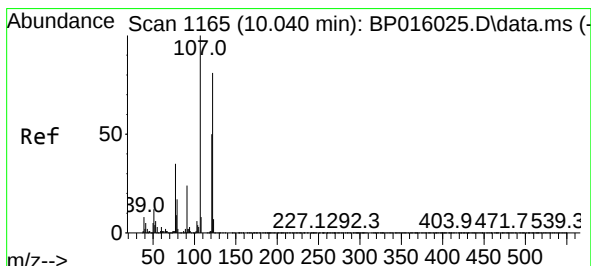
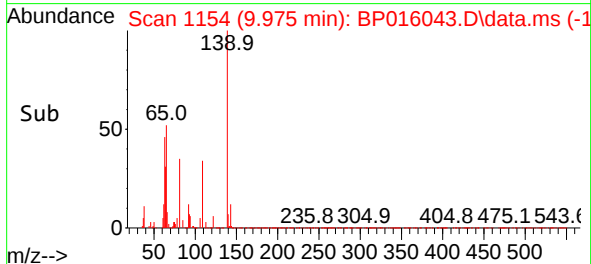
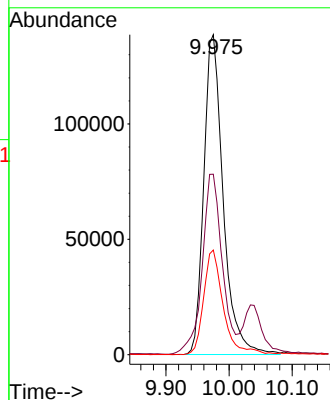
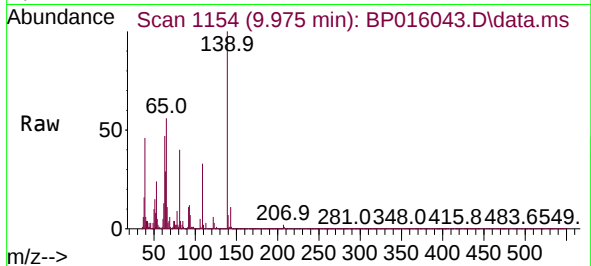




#25
2-Nitrophenol
Concen: 25.338 ng/ul
RT: 9.975 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

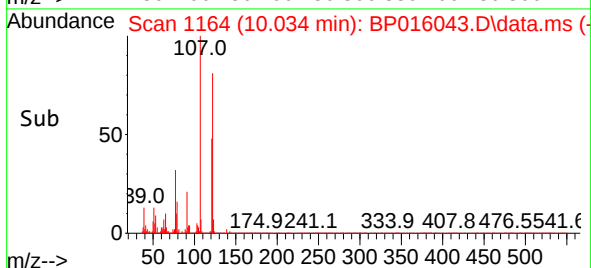
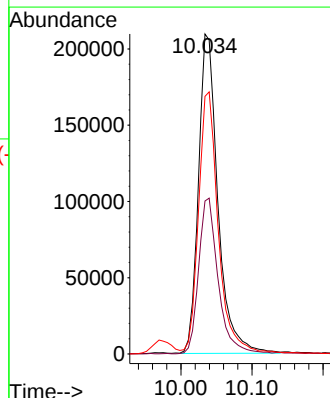
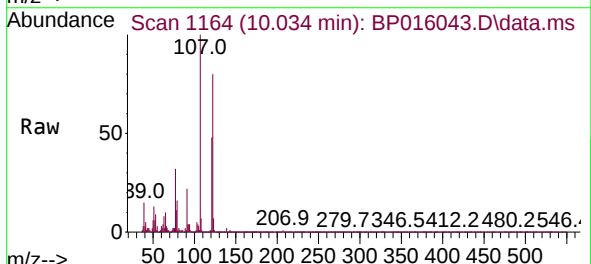
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

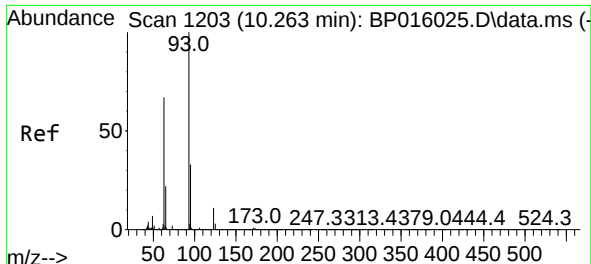
Tgt Ion:139 Resp: 295911
Ion Ratio Lower Upper
139 100
65 56.4 50.2 75.2
109 32.7 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 15.573 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:107 Resp: 399810
Ion Ratio Lower Upper
107 100
121 47.8 38.2 57.2
122 80.5 62.1 93.1

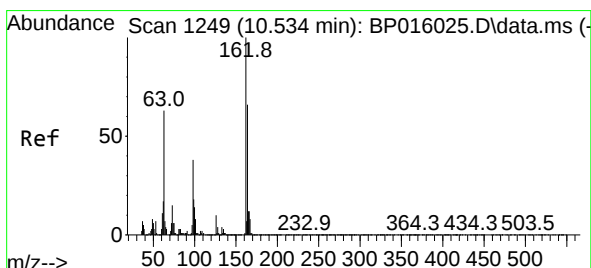
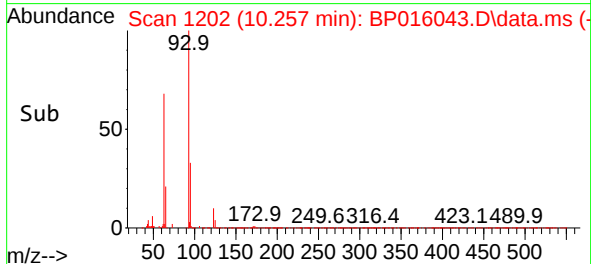
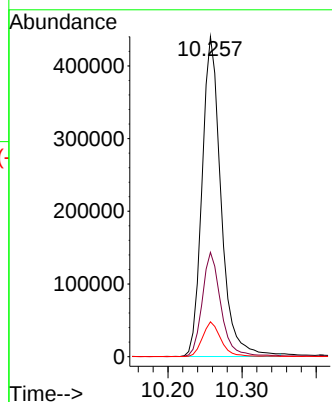
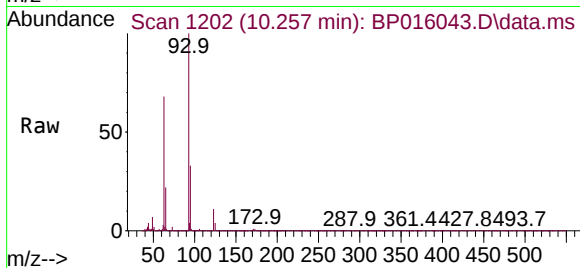




#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.454 ng/ul
 RT: 10.257 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP016043.D
 Acq: 06 Jul 2023 21:29

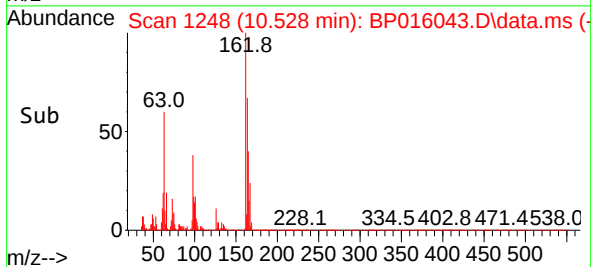
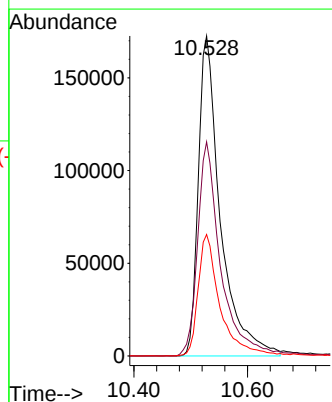
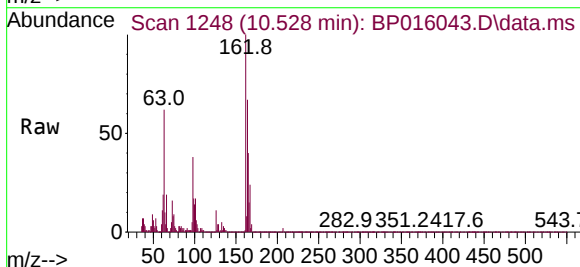
Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

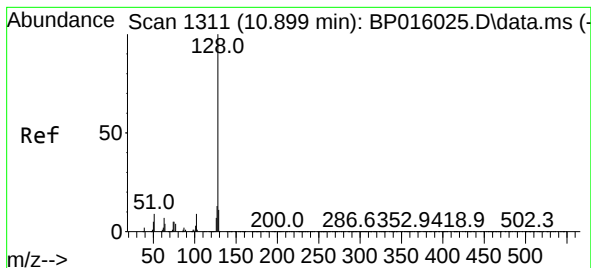
Tgt Ion: 93 Resp: 785256
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 39.8
 123 10.9 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 23.909 ng/ul
 RT: 10.528 min Scan# 1248
 Delta R.T. -0.006 min
 Lab File: BP016043.D
 Acq: 06 Jul 2023 21:29

Tgt Ion: 162 Resp: 466116
 Ion Ratio Lower Upper
 162 100
 164 66.9 53.0 79.6
 98 38.0 31.3 46.9

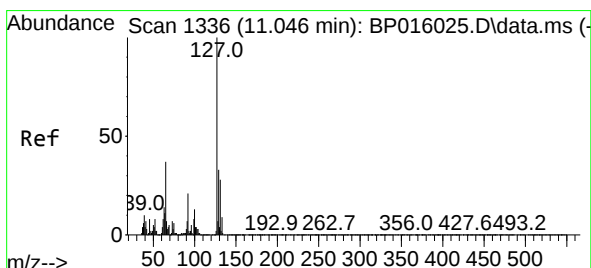
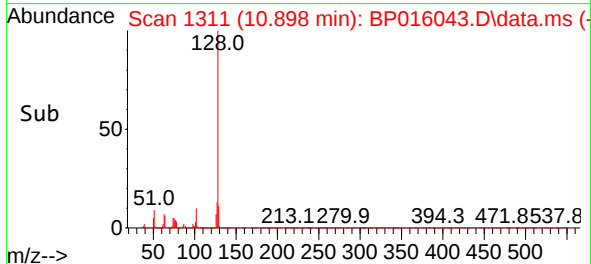
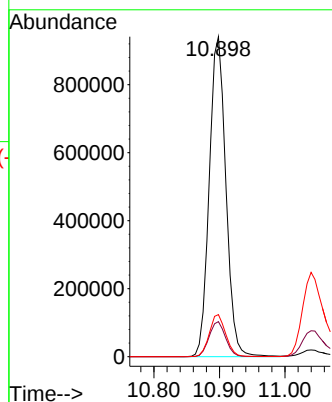
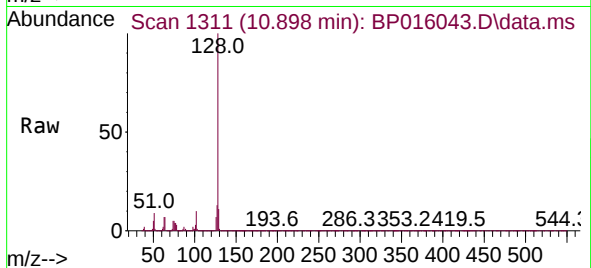




#30
Naphthalene
Concen: 24.713 ng/ul
RT: 10.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

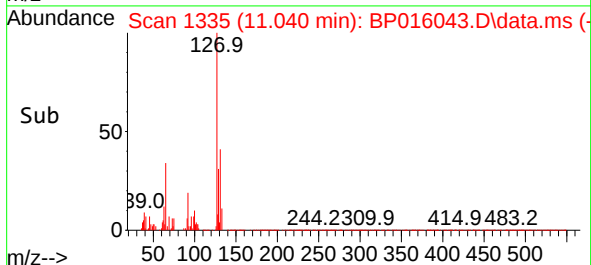
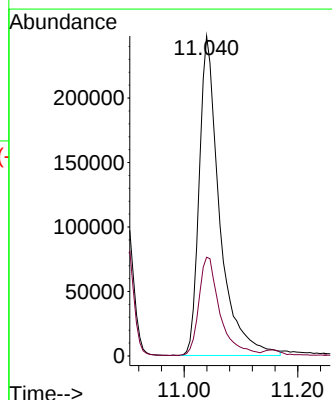
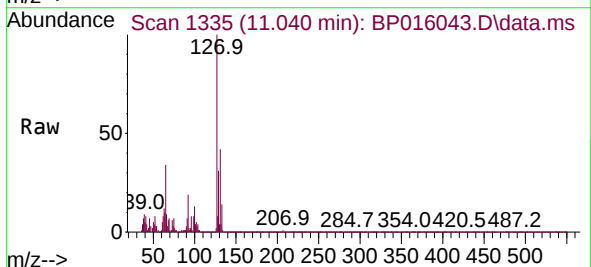
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

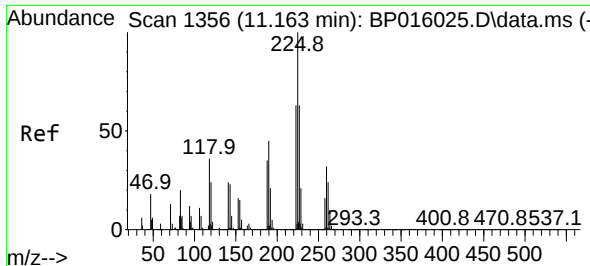
Tgt Ion:128 Resp: 1657439
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 23.575 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:127 Resp: 617010
Ion Ratio Lower Upper
127 100
129 30.8 24.7 37.1

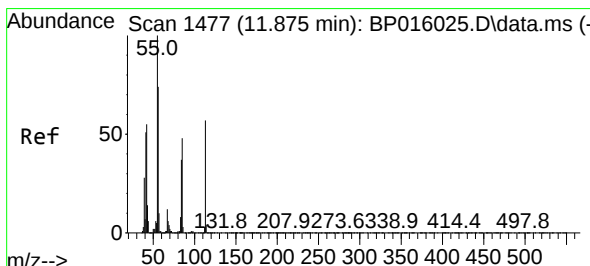
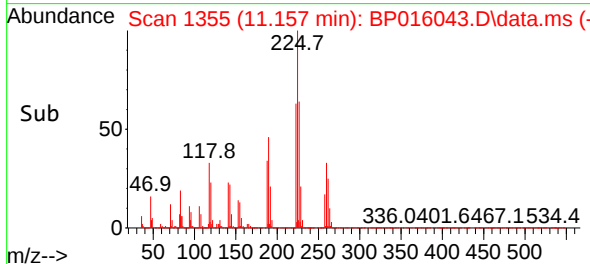
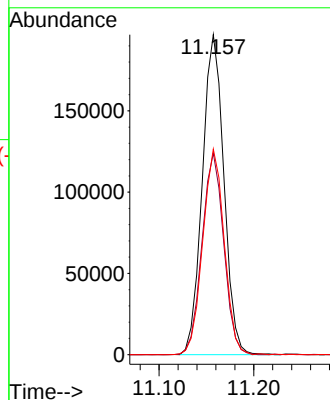
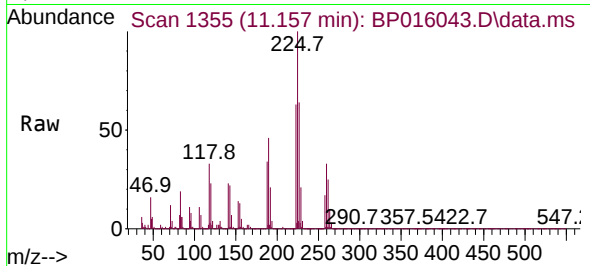




#33
Hexachlorobutadiene
Concen: 21.180 ng/ul
RT: 11.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

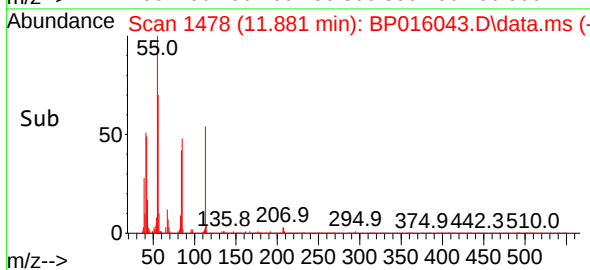
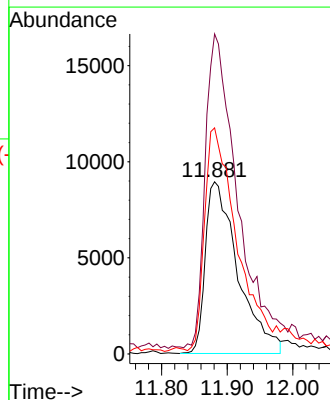
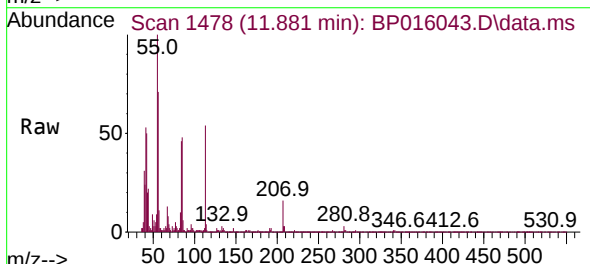
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

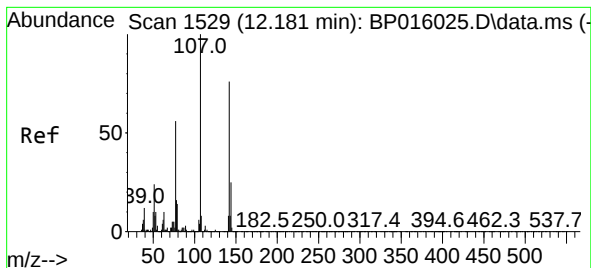
Tgt Ion:225 Resp: 311819
Ion Ratio Lower Upper
225 100
223 63.2 50.4 75.6
227 64.4 51.0 76.4



#34
Caprolactam
Concen: 5.181 ng/ul
RT: 11.881 min Scan# 1478
Delta R.T. 0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:113 Resp: 30894
Ion Ratio Lower Upper
113 100
55 185.8 142.8 214.2
56 131.3 116.9 175.3

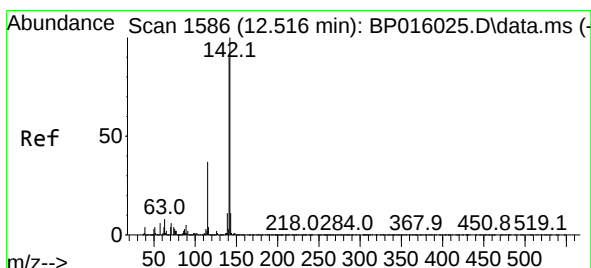
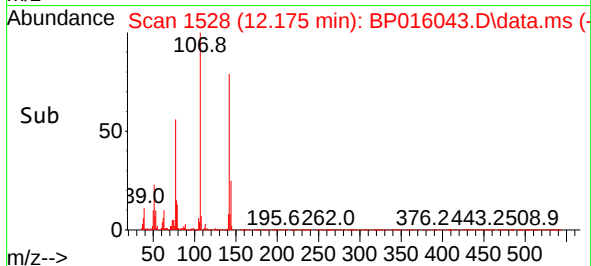
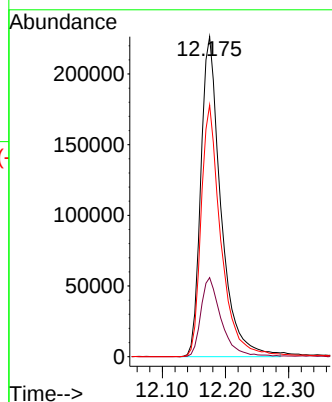
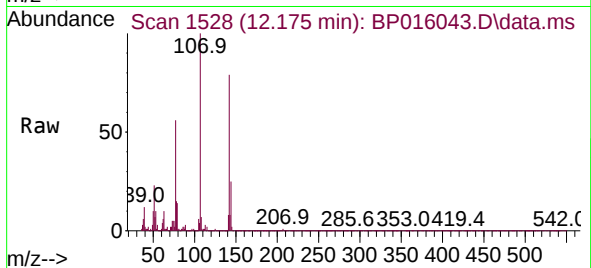




#35
4-Chloro-3-methylphenol
Concen: 21.967 ng/ul
RT: 12.175 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

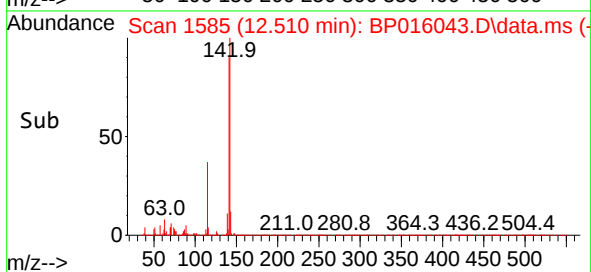
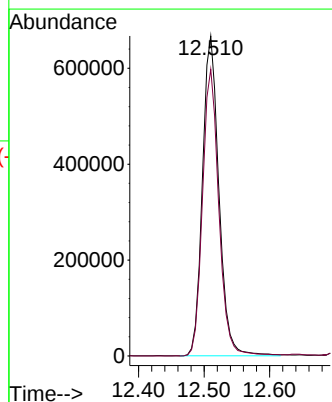
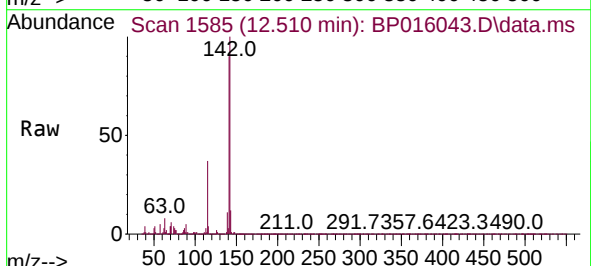
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

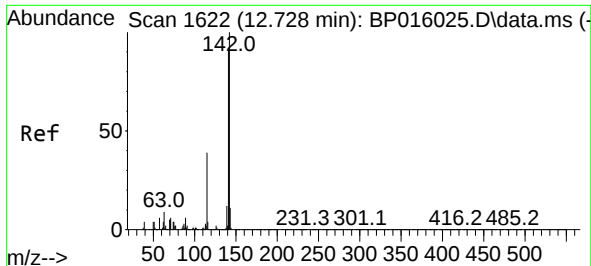
Tgt Ion:107 Resp: 501289
Ion Ratio Lower Upper
107 100
144 24.7 18.4 27.6
142 78.7 58.6 87.8



#36
2-Methylnaphthalene
Concen: 26.406 ng/ul
RT: 12.510 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:142 Resp: 1165844
Ion Ratio Lower Upper
142 100
141 89.6 73.2 109.8

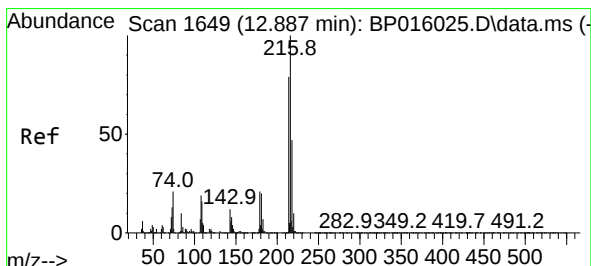
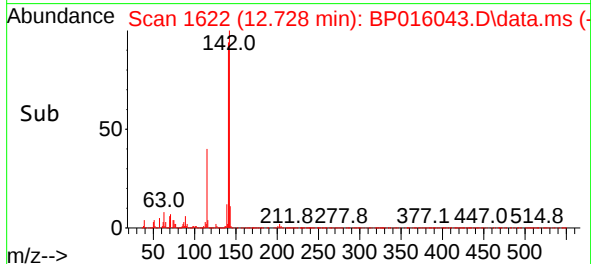
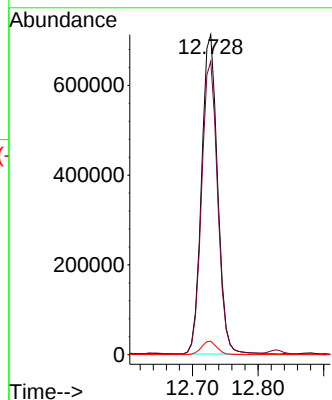
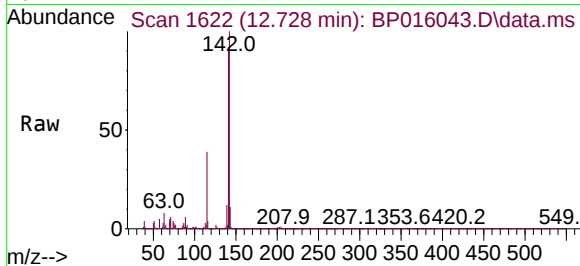




#37
1-Methylnaphthalene
Concen: 26.825 ng/ul
RT: 12.728 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

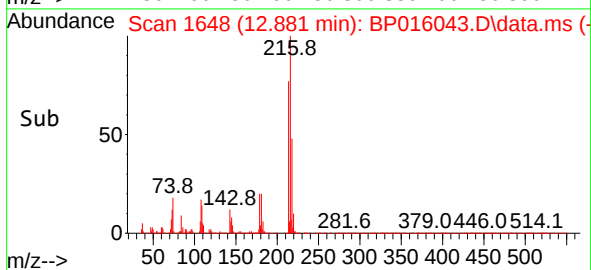
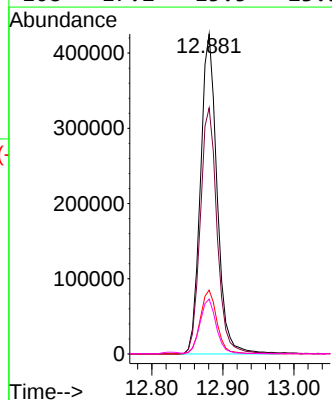
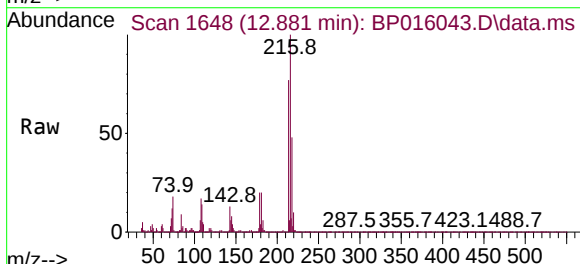
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

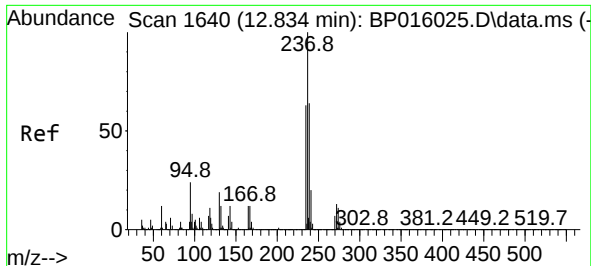
Tgt Ion:142 Resp: 1208204
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 4.2 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.129 ng/ul
RT: 12.881 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:216 Resp: 692713
Ion Ratio Lower Upper
216 100
214 76.9 62.4 93.6
179 20.0 17.6 26.4
108 17.2 15.5 23.3

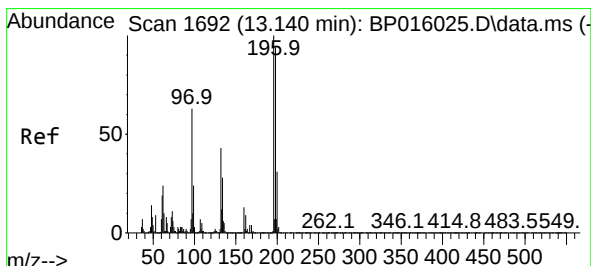
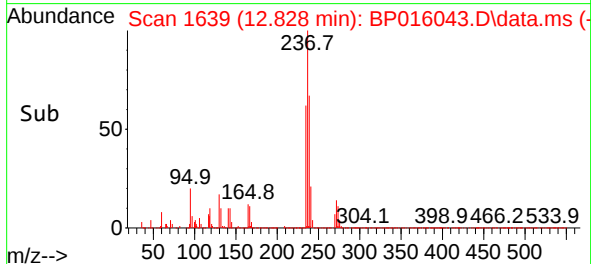
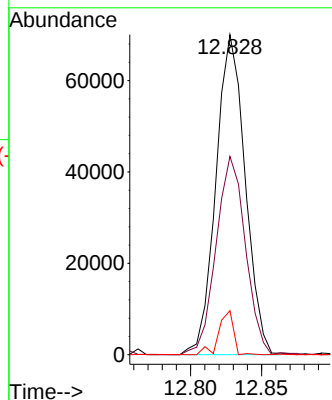
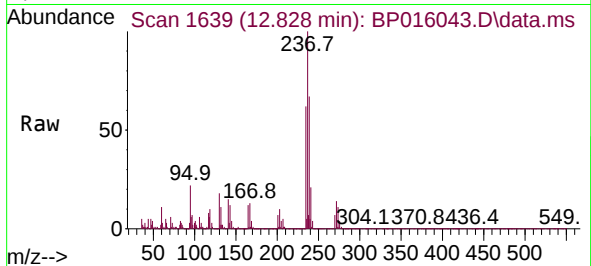




#40
Hexachlorocyclopentadiene
Concen: 12.669 ng/ul
RT: 12.828 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

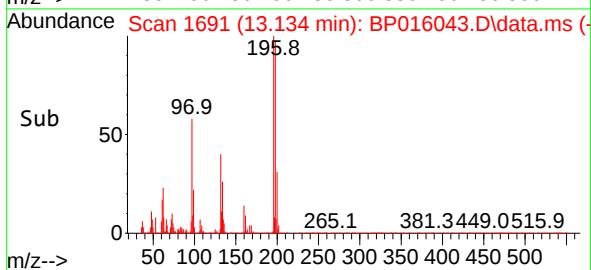
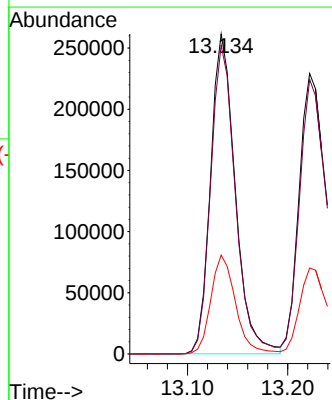
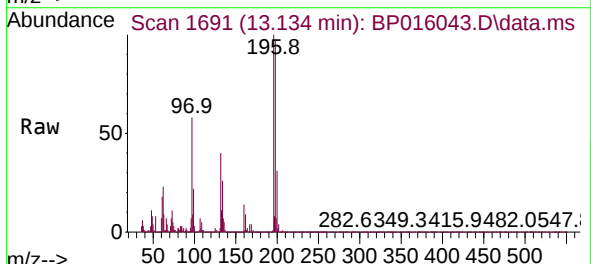
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

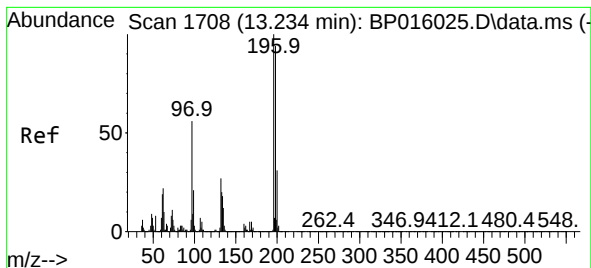
Tgt Ion:237 Resp: 100483
Ion Ratio Lower Upper
237 100
235 62.5 48.6 73.0
272 13.5 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 26.782 ng/ul
RT: 13.134 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:196 Resp: 448723
Ion Ratio Lower Upper
196 100
198 96.5 75.4 113.2
200 30.9 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 27.395 ng/ul

RT: 13.222 min Scan# 1706

Delta R.T. -0.012 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

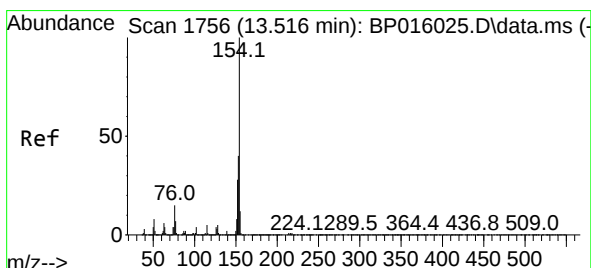
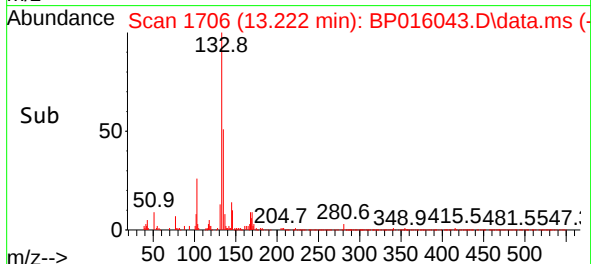
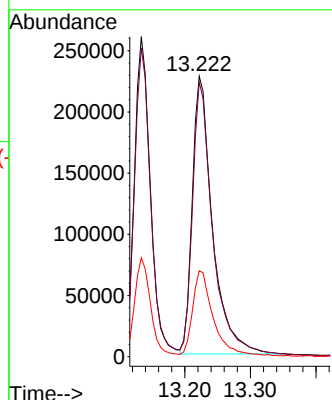
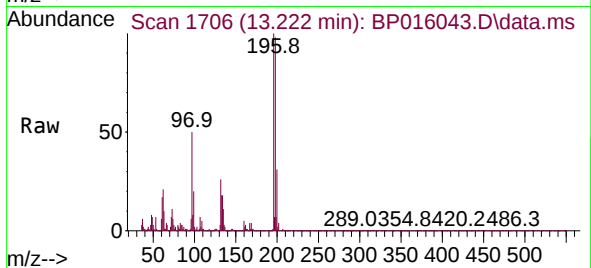
Tgt Ion:196 Resp: 486850

Ion Ratio Lower Upper

196 100

198 97.9 74.9 112.3

200 30.6 24.3 36.5



#43

1,1'-Biphenyl

Concen: 26.343 ng/ul

RT: 13.510 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

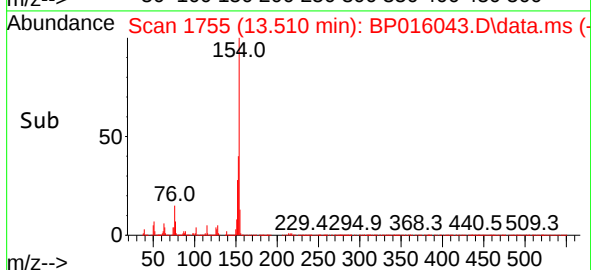
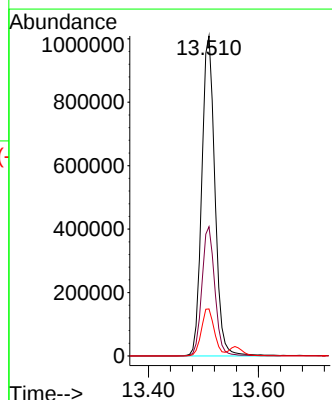
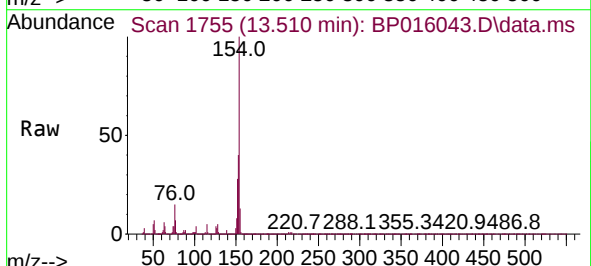
Tgt Ion:154 Resp: 1678663

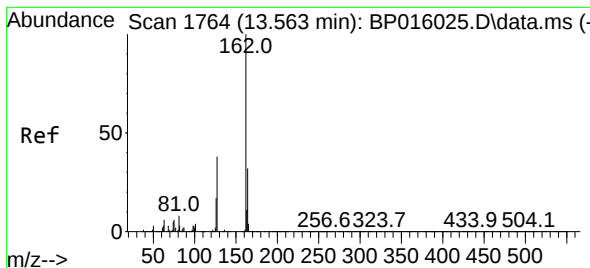
Ion Ratio Lower Upper

154 100

153 40.4 32.8 49.2

76 14.7 10.7 16.1





#44

2-Chloronaphthalene

Concen: 26.115 ng/ul

RT: 13.557 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

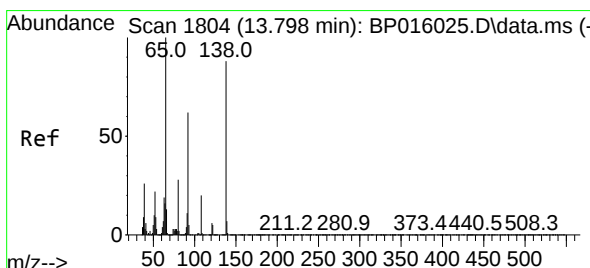
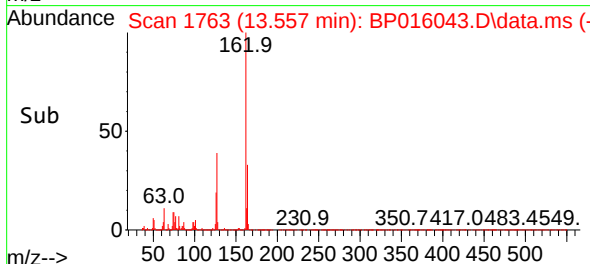
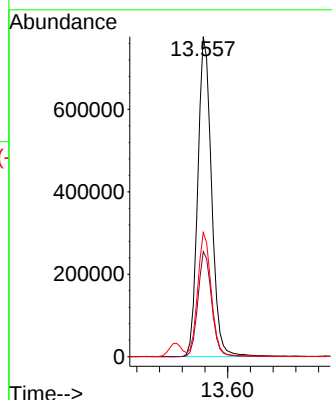
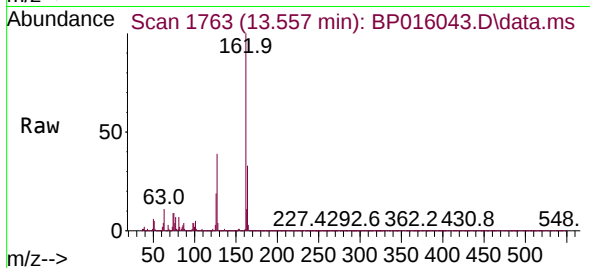
Tgt Ion:162 Resp: 1310969

Ion Ratio Lower Upper

162 100

164 32.8 26.1 39.1

127 38.8 33.4 50.0



#45

2-Nitroaniline

Concen: 29.523 ng/ul

RT: 13.792 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

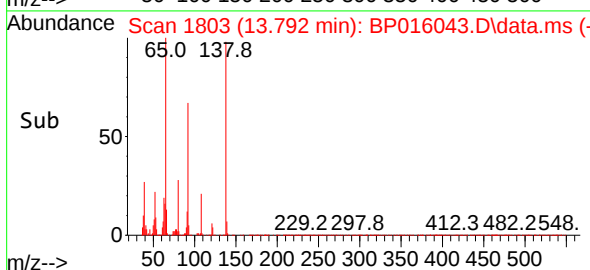
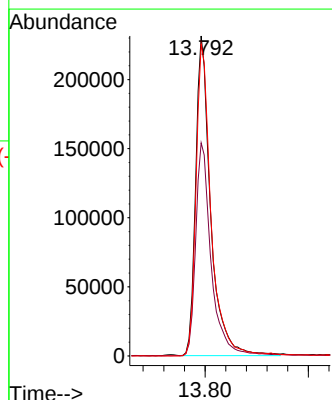
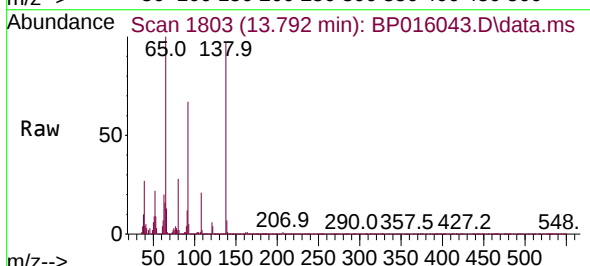
Tgt Ion: 65 Resp: 466316

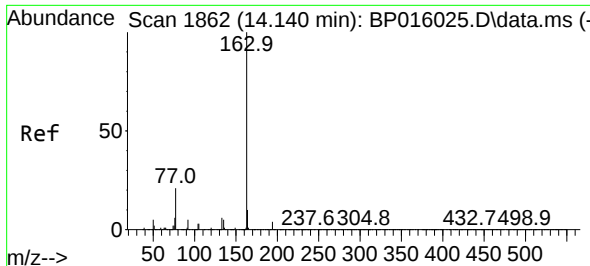
Ion Ratio Lower Upper

65 100

92 66.6 49.5 74.3

138 97.5 71.4 107.2

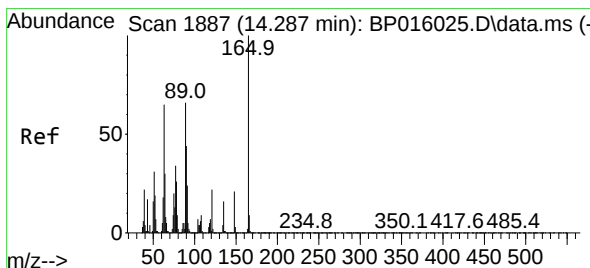
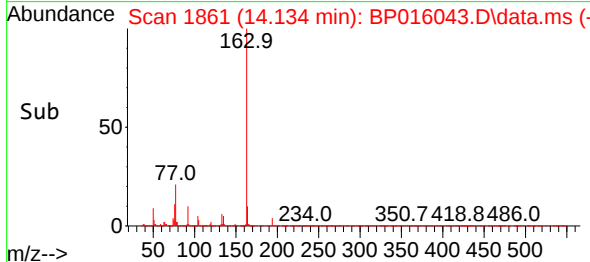
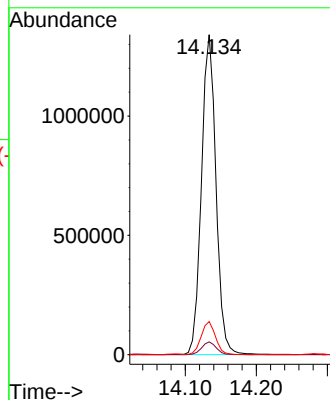
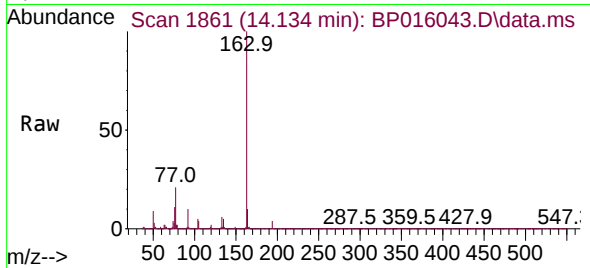




#47
Dimethylphthalate
Concen: 29.635 ng/ul
RT: 14.134 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

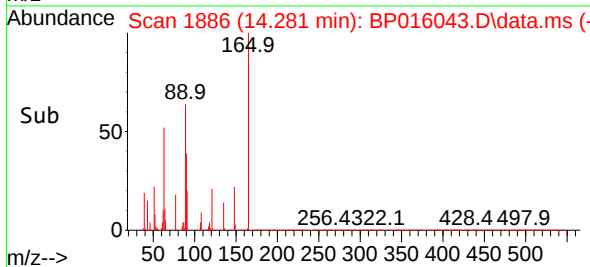
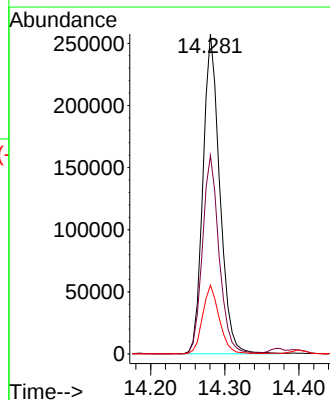
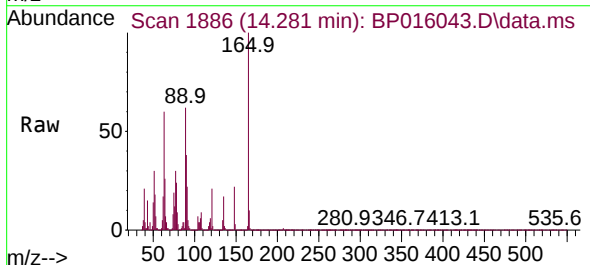
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

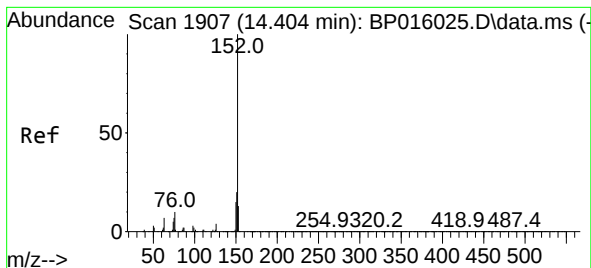
Tgt Ion:163 Resp: 1907083
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 31.081 ng/ul
RT: 14.281 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:165 Resp: 405721
Ion Ratio Lower Upper
165 100
89 62.1 54.1 81.1
121 21.5 18.2 27.2





#50

Acenaphthylene

Concen: 27.335 ng/ul

RT: 14.398 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

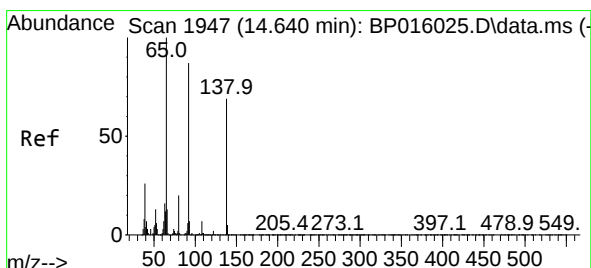
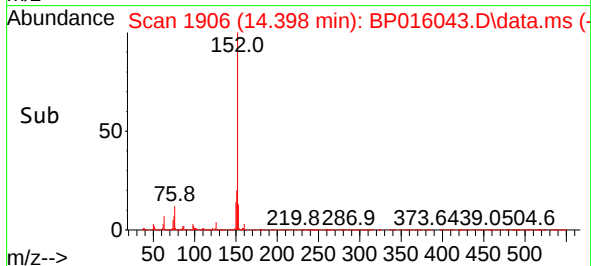
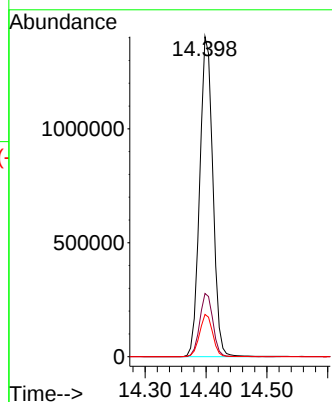
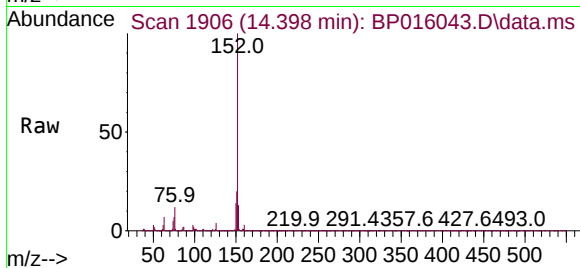
Tgt Ion:152 Resp: 2105376

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 13.2 10.5 15.7



#51

3-Nitroaniline

Concen: 35.301 ng/ul

RT: 14.628 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

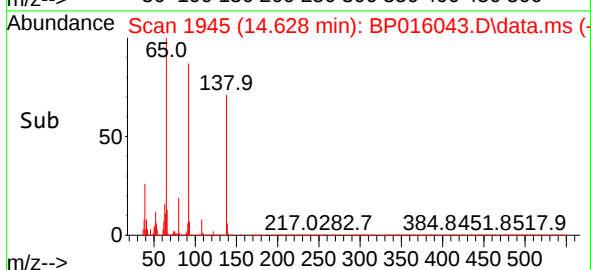
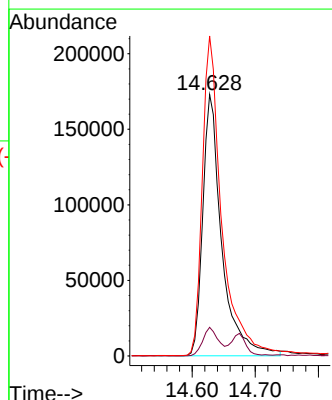
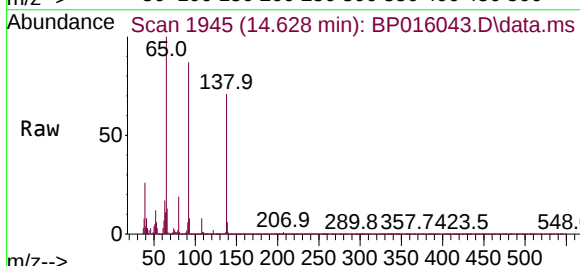
Tgt Ion:138 Resp: 361363

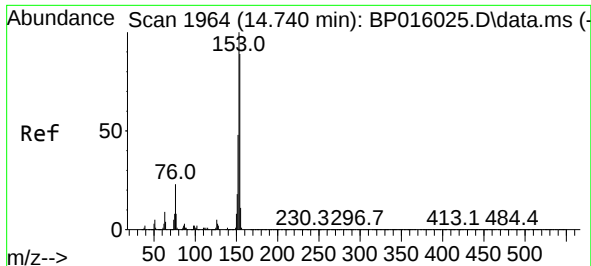
Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

92 122.4 96.8 145.2

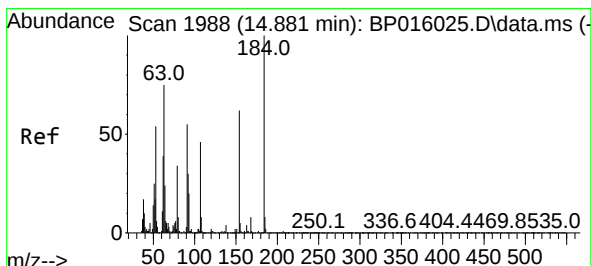
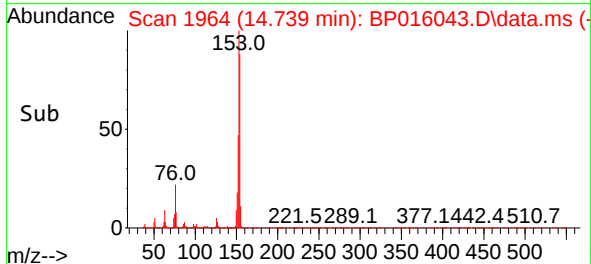
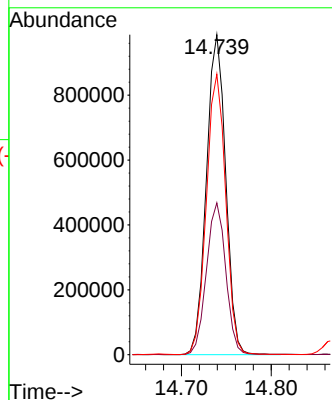
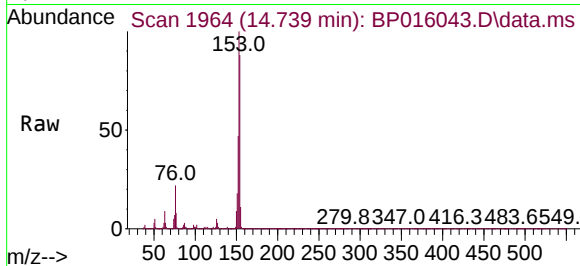




#52
Acenaphthene
Concen: 27.572 ng/ul
RT: 14.739 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

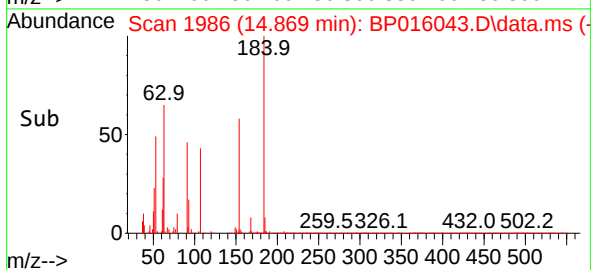
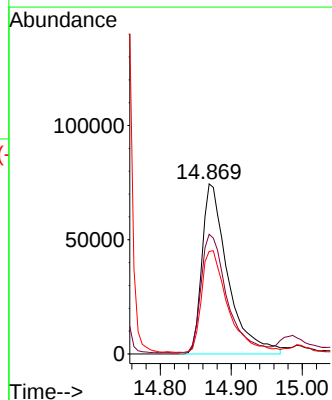
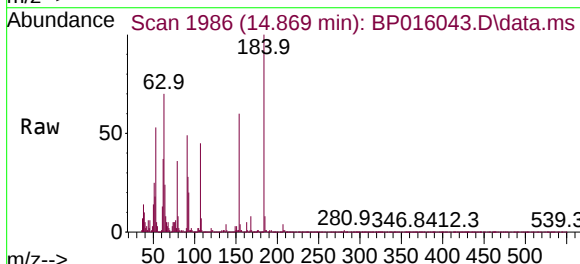
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

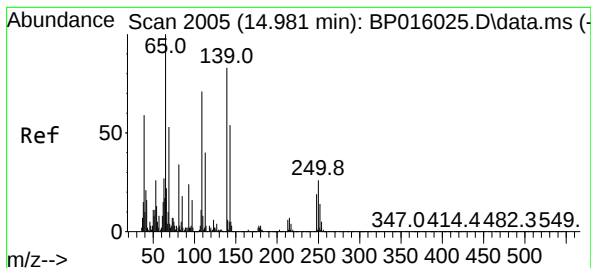
Tgt Ion:153 Resp: 1472634
Ion Ratio Lower Upper
153 100
152 47.5 39.4 59.2
154 87.7 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 27.294 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:184 Resp: 189028
Ion Ratio Lower Upper
184 100
63 70.4 71.4 107.0#
154 60.3 61.1 91.7#

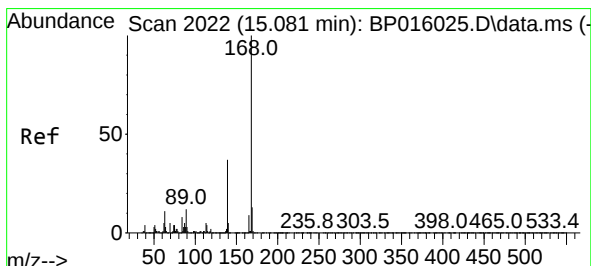
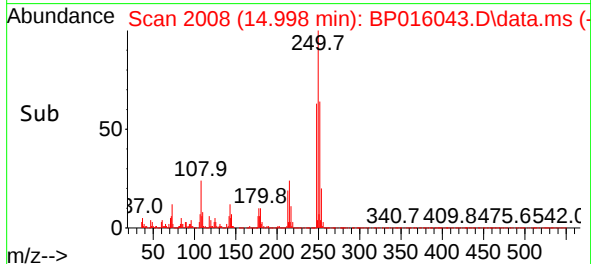
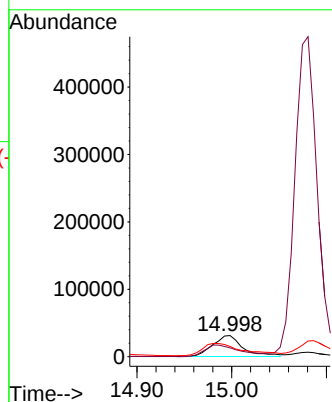
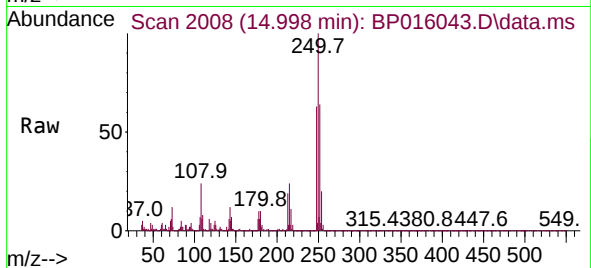




#55
4-Nitrophenol
Concen: 8.164 ng/ul
RT: 14.998 min Scan# 2005
Delta R.T. 0.018 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

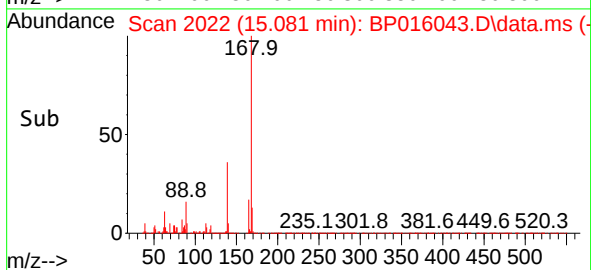
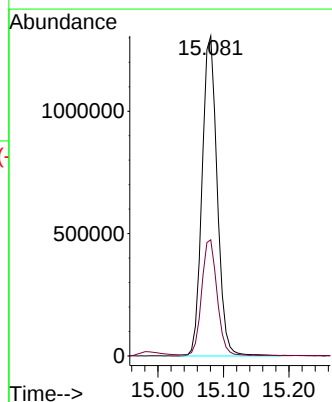
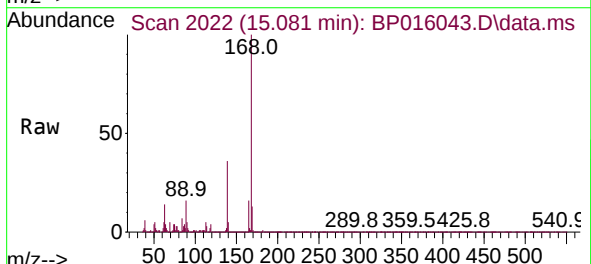
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

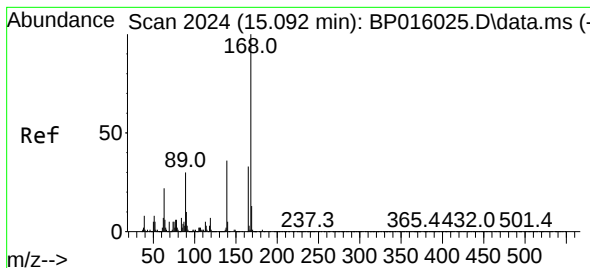
Tgt Ion:109 Resp: 69421
Ion Ratio Lower Upper
109 100
139 41.6 81.3 121.9#
65 48.1 99.9 149.9#



#56
Dibenzofuran
Concen: 28.363 ng/ul
RT: 15.081 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:168 Resp: 2102905
Ion Ratio Lower Upper
168 100
139 36.3 32.2 48.4





#57

2,4-Dinitrotoluene

Concen: 32.218 ng/ul

RT: 15.092 min Scan# 20

Delta R.T. -0.000 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

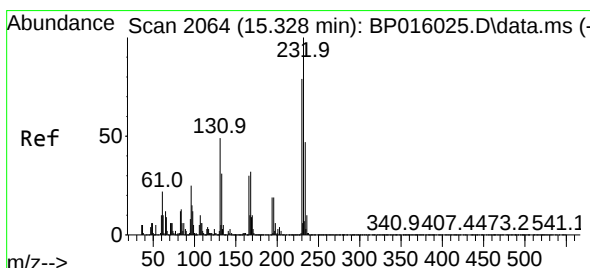
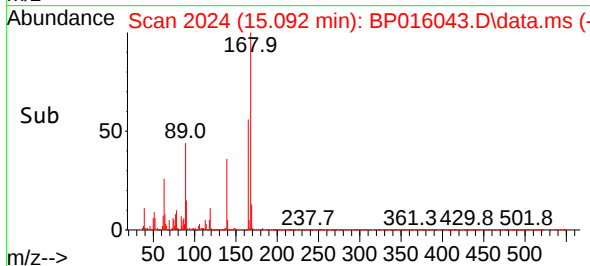
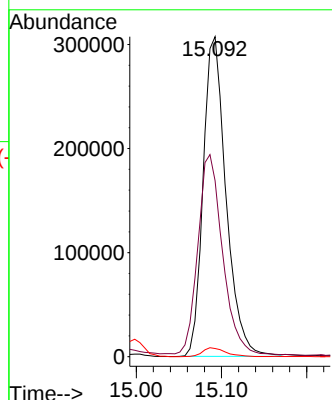
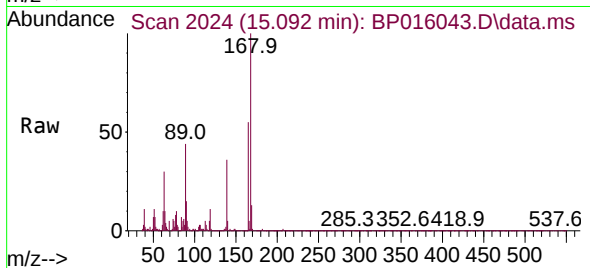
Tgt Ion:165 Resp: 573124

Ion Ratio Lower Upper

165 100

63 55.0 56.8 85.2#

182 2.6 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.400 ng/ul

RT: 15.322 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Tgt Ion:232 Resp: 464046

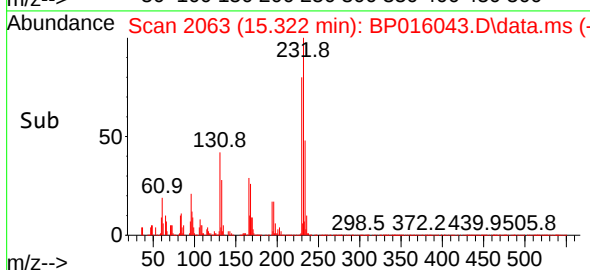
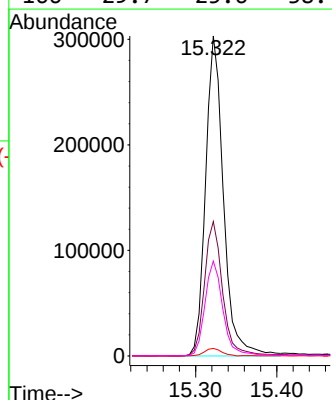
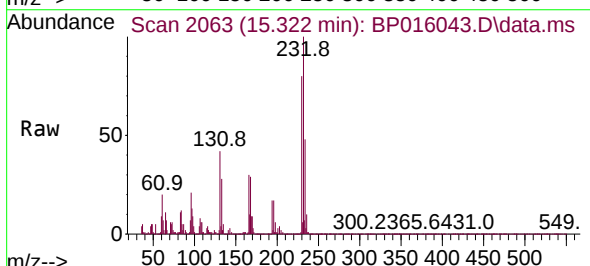
Ion Ratio Lower Upper

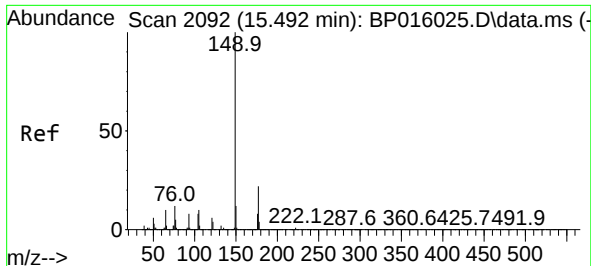
232 100

131 42.0 38.2 57.2

130 2.4 2.2 3.2

166 29.7 25.6 38.4

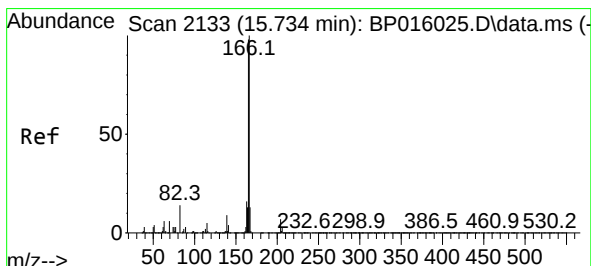
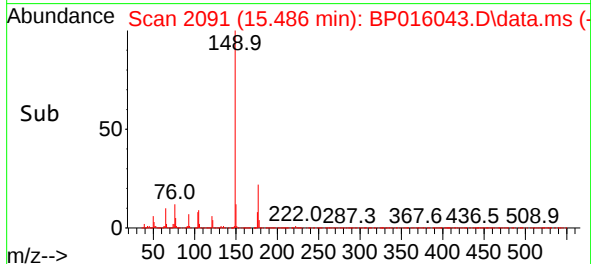
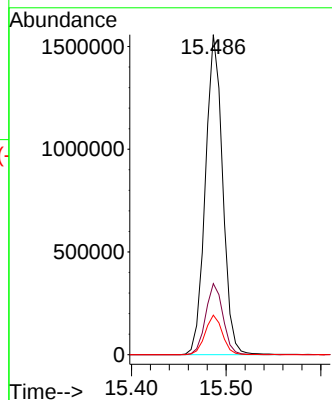
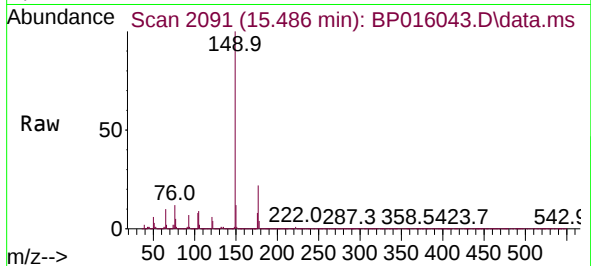




#59
Diethylphthalate
Concen: 30.252 ng/ul
RT: 15.486 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

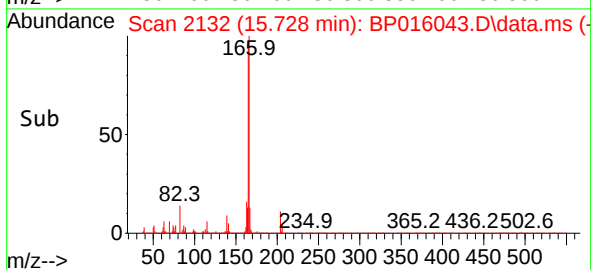
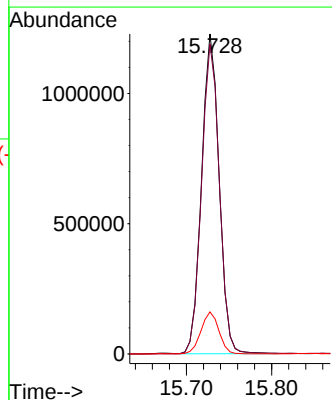
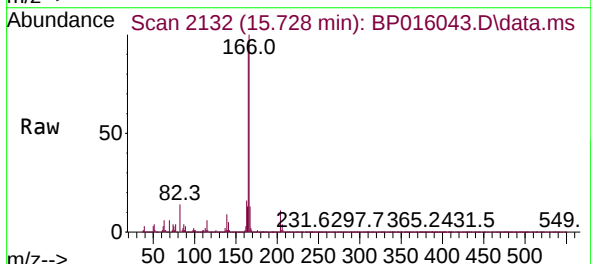
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

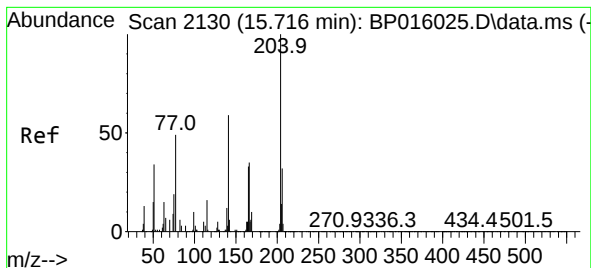
Tgt Ion:149 Resp: 1970130
Ion Ratio Lower Upper
149 100
177 22.2 16.8 25.2
150 12.3 10.3 15.5



#61
Fluorene
Concen: 29.221 ng/ul
RT: 15.728 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:166 Resp: 1757331
Ion Ratio Lower Upper
166 100
165 96.9 78.7 118.1
167 13.2 10.5 15.7

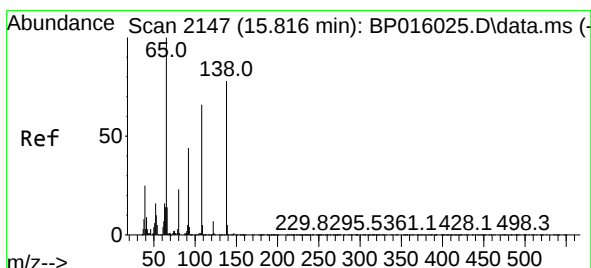
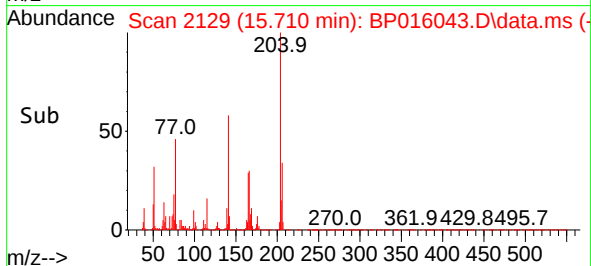
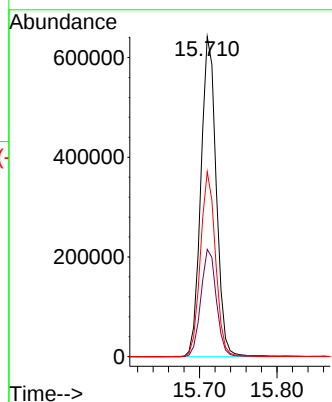
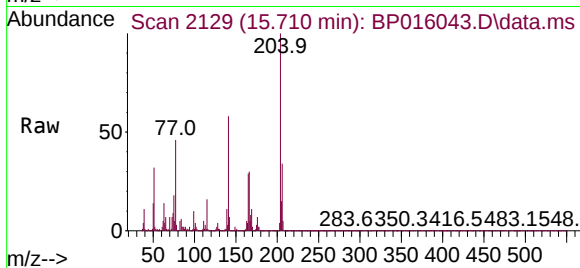




#62
4-Chlorophenyl-phenylether
Concen: 28.716 ng/ul
RT: 15.710 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

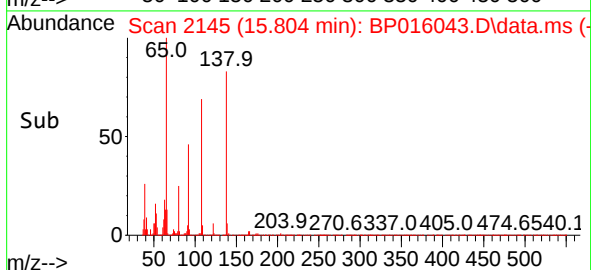
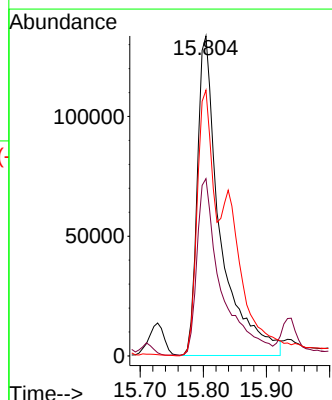
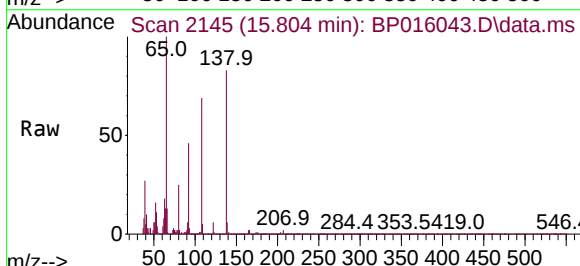
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

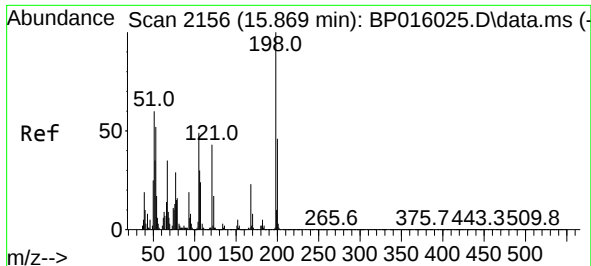
Tgt Ion:204 Resp: 883655
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 57.8 51.8 77.8



#63
4-Nitroaniline
Concen: 48.066 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.012 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:138 Resp: 336758
Ion Ratio Lower Upper
138 100
92 55.4 50.1 75.1
108 83.1 85.5 128.3#

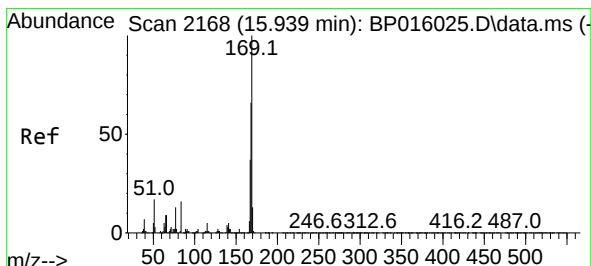
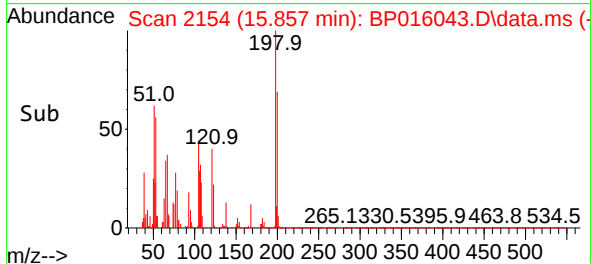
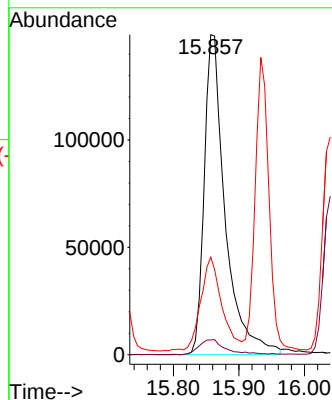
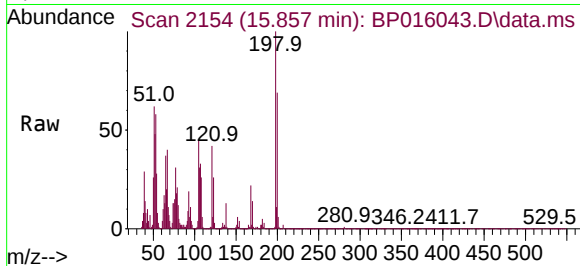




#66
4,6-Dinitro-2-methylphenol
Concen: 28.895 ng/ul
RT: 15.857 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

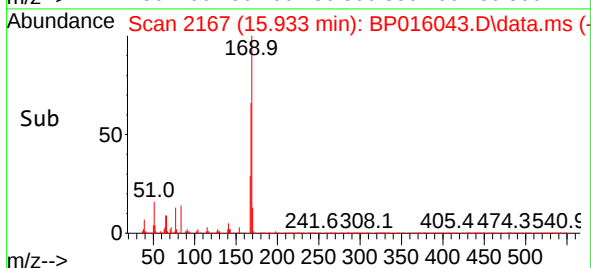
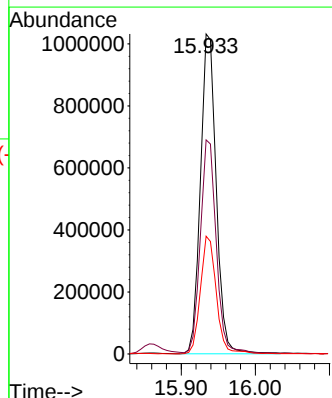
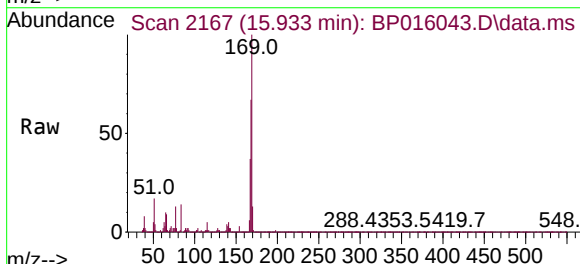
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

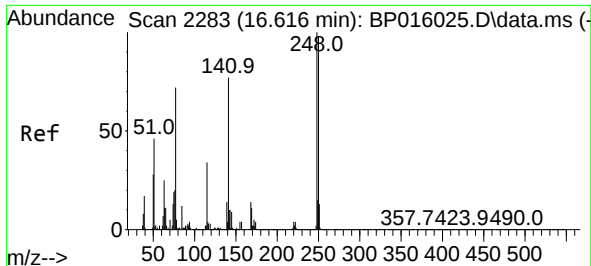
Tgt Ion:198 Resp: 331001
Ion Ratio Lower Upper
198 100
182 4.6 3.4 5.2
77 30.5 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 27.748 ng/ul
RT: 15.933 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:169 Resp: 1529277
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.4
167 36.8 29.7 44.5

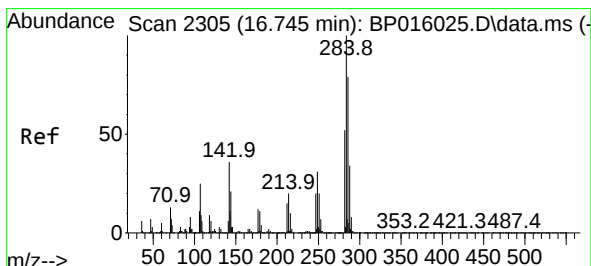
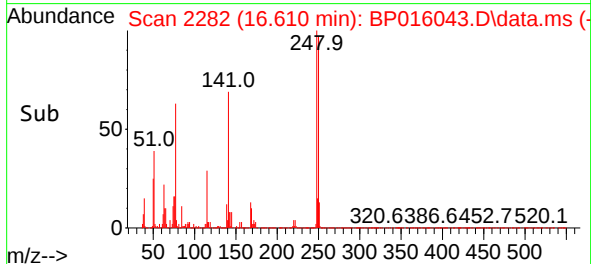
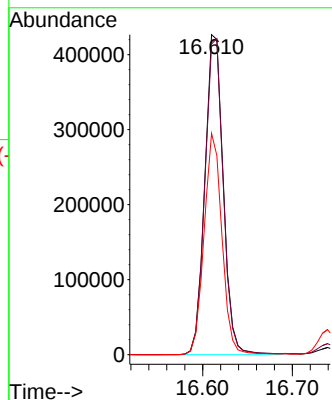
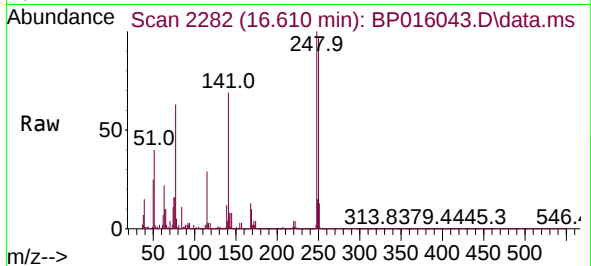




#68
4-Bromophenyl-phenylether
Concen: 28.973 ng/ul
RT: 16.610 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

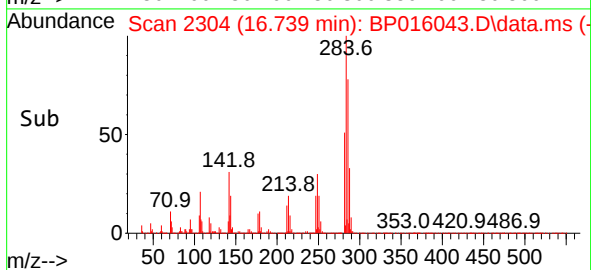
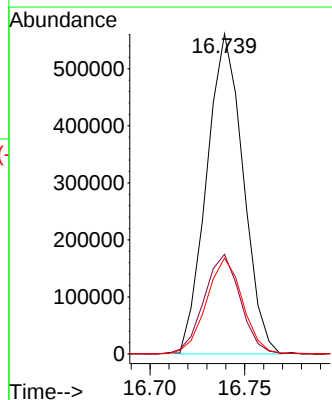
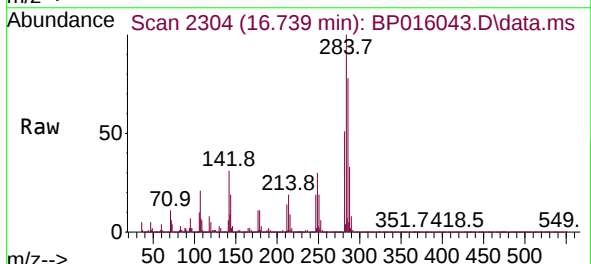
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

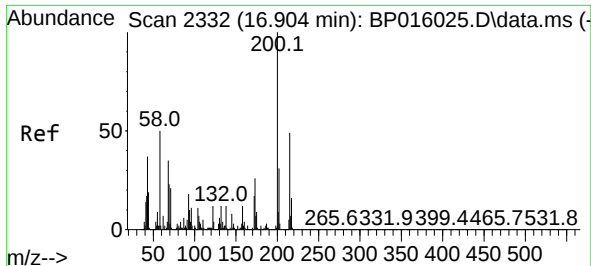
Tgt Ion:248 Resp: 609075
Ion Ratio Lower Upper
248 100
250 97.1 84.6 126.8
141 69.2 67.8 101.6



#69
Hexachlorobenzene
Concen: 30.308 ng/ul
RT: 16.739 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:284 Resp: 751791
Ion Ratio Lower Upper
284 100
142 29.2 27.8 41.8
249 30.6 26.1 39.1

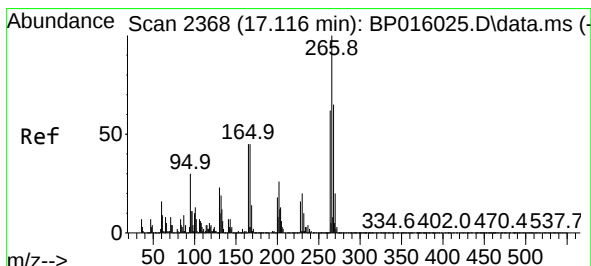
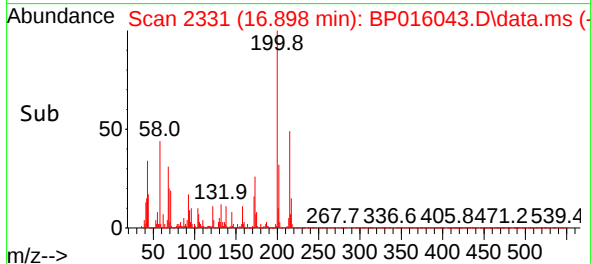
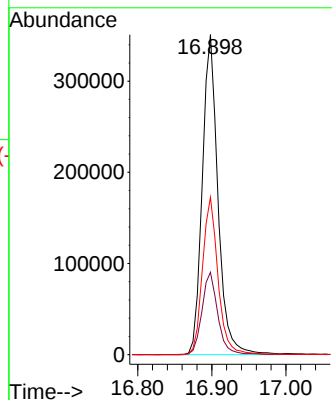
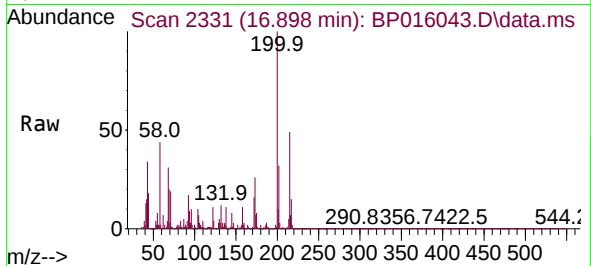




#70
Atrazine
Concen: 24.463 ng/ul
RT: 16.898 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

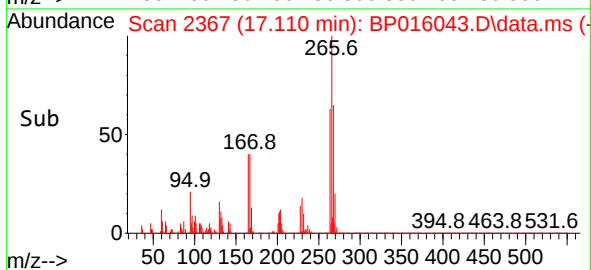
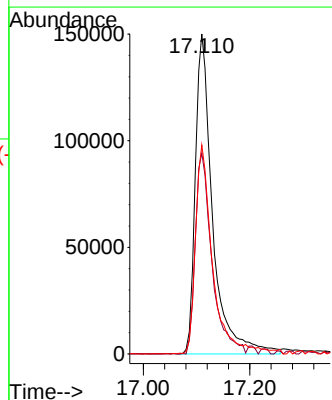
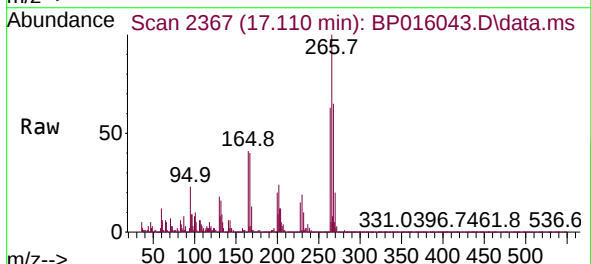
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

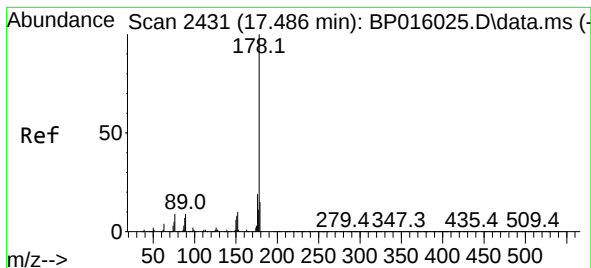
Tgt Ion:200 Resp: 516077
Ion Ratio Lower Upper
200 100
173 25.7 19.8 29.8
215 49.2 36.8 55.2



#71
Pentachlorophenol
Concen: 28.486 ng/ul
RT: 17.110 min Scan# 2367
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:266 Resp: 339132
Ion Ratio Lower Upper
266 100
264 67.9 53.4 80.2
268 70.0 51.4 77.2





#72

Phenanthrene

Concen: 29.524 ng/ul

RT: 17.480 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

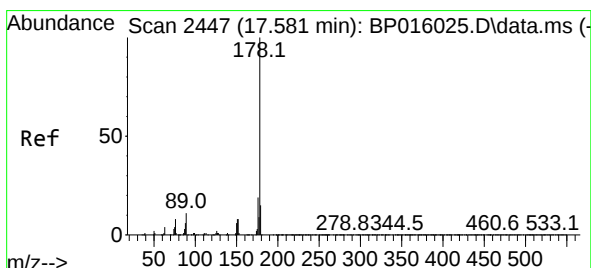
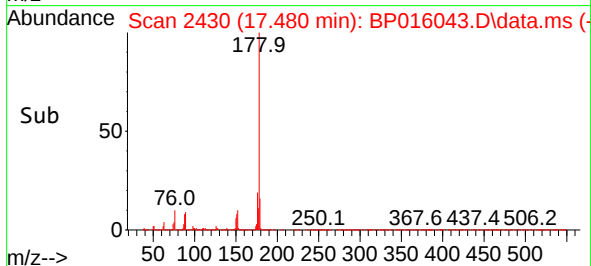
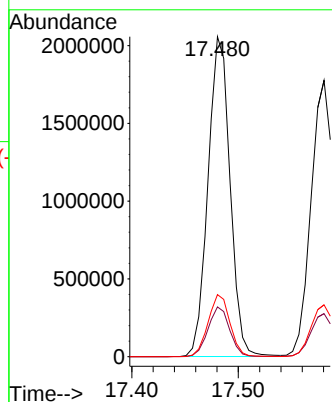
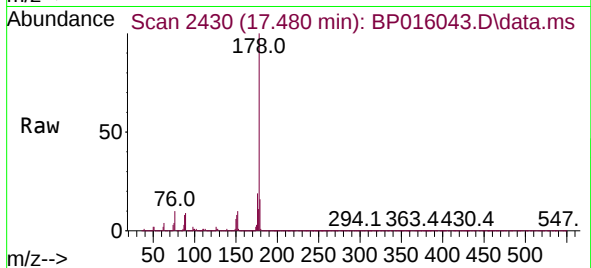
Tgt Ion:178 Resp: 2952772

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.4 15.6 23.4



#74

Anthracene

Concen: 29.088 ng/ul

RT: 17.580 min Scan# 2447

Delta R.T. -0.000 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

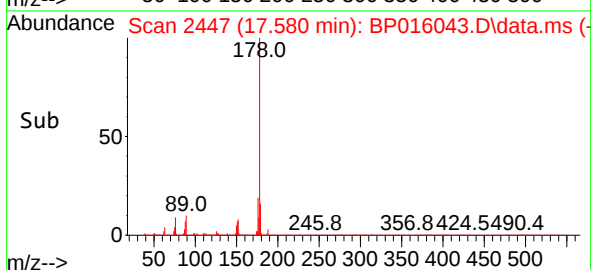
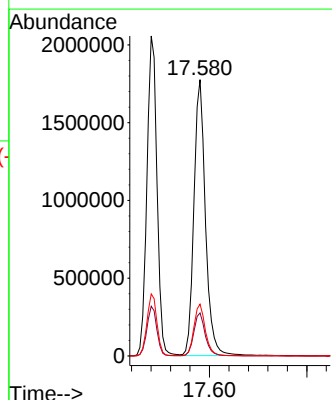
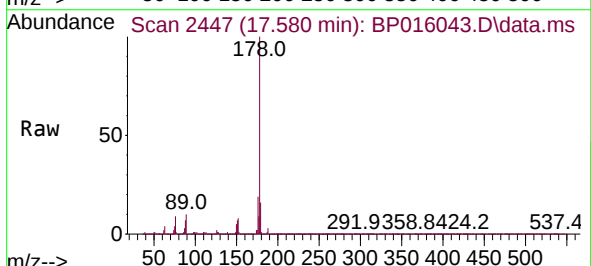
Tgt Ion:178 Resp: 2923147

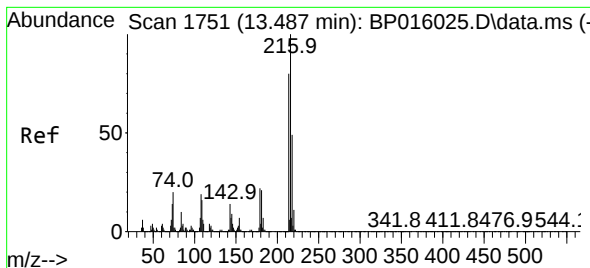
Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 18.8 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.659 ng/uL

RT: 13.481 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

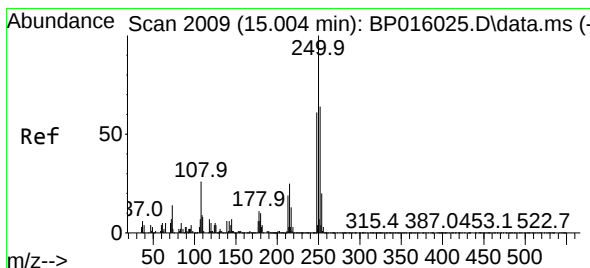
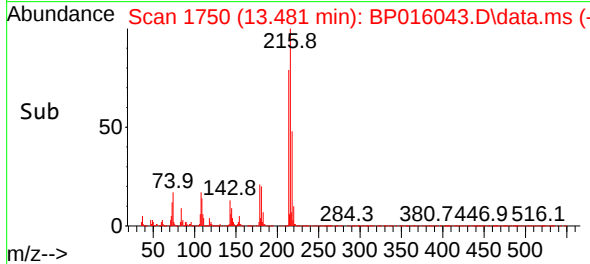
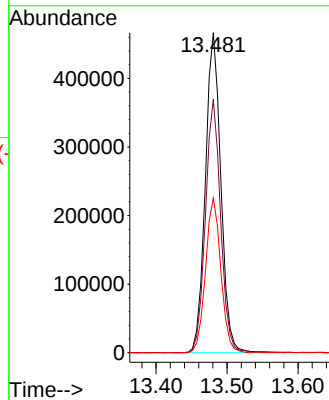
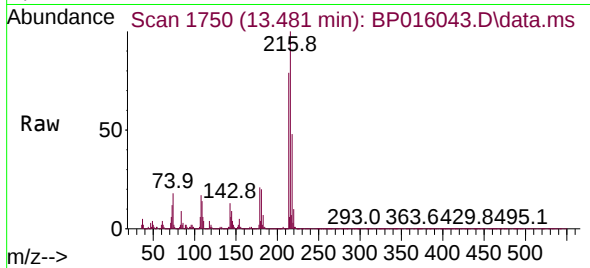
Tgt Ion:216 Resp: 708730

Ion Ratio Lower Upper

216 100

214 79.1 62.0 93.0

218 48.3 38.4 57.6



#76

Pentachlorobenzene

Concen: 26.091 ng/uL

RT: 14.998 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

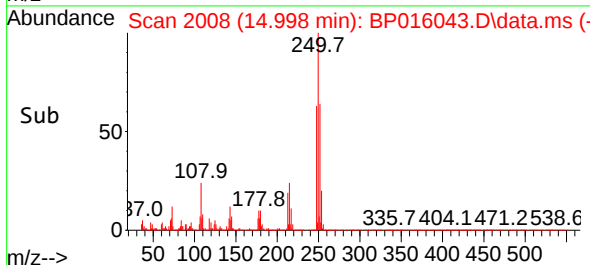
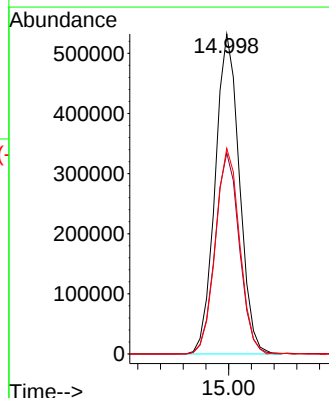
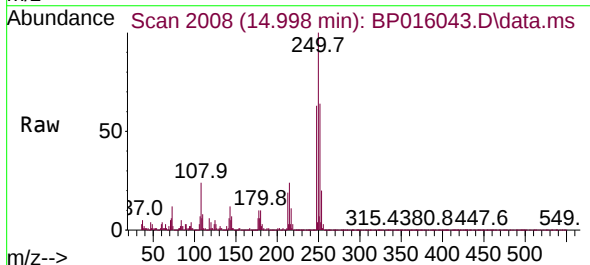
Tgt Ion:250 Resp: 788834

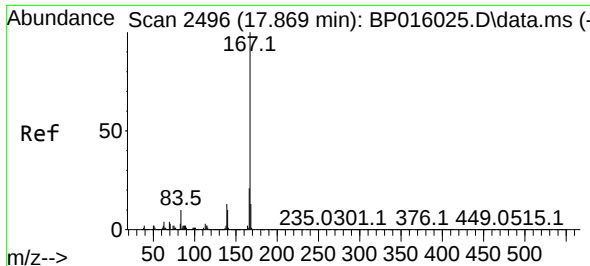
Ion Ratio Lower Upper

250 100

248 62.8 50.7 76.1

252 63.9 51.2 76.8

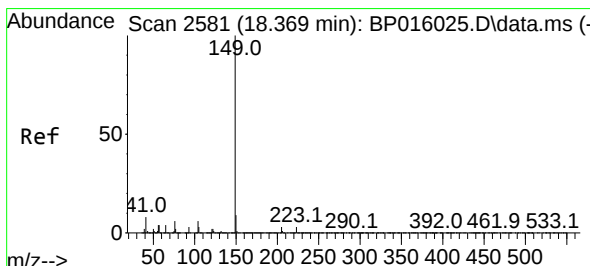
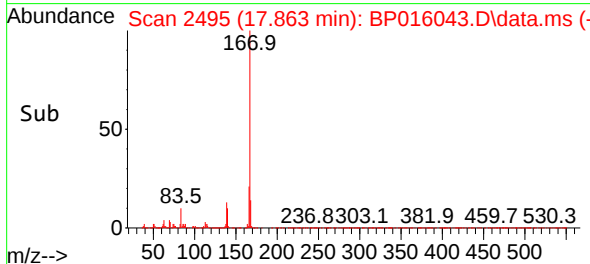
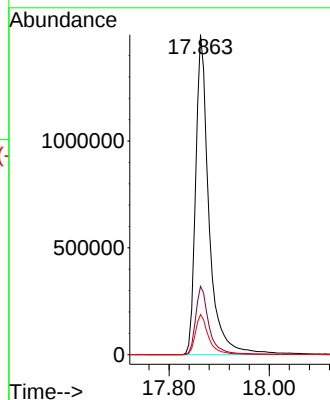
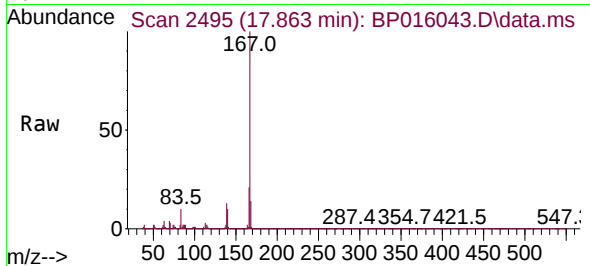




#77
 Carbazole
 Concen: 32.546 ng/ul
 RT: 17.863 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BP016043.D
 Acq: 06 Jul 2023 21:29

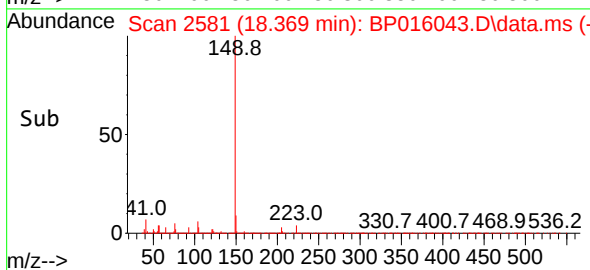
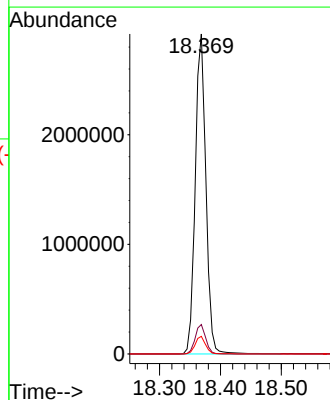
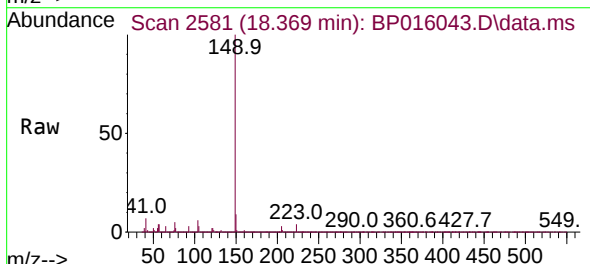
Instrument :
 BNA_P
 ClientSampleId :
 EXYY0MSD

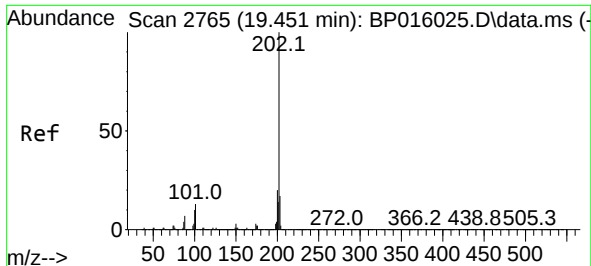
Tgt Ion:167 Resp: 2756738
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.6 11.0 16.4



#78
 Di-n-butylphthalate
 Concen: 31.545 ng/ul
 RT: 18.369 min Scan# 2581
 Delta R.T. -0.000 min
 Lab File: BP016043.D
 Acq: 06 Jul 2023 21:29

Tgt Ion:149 Resp: 3542192
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.5 4.6 7.0

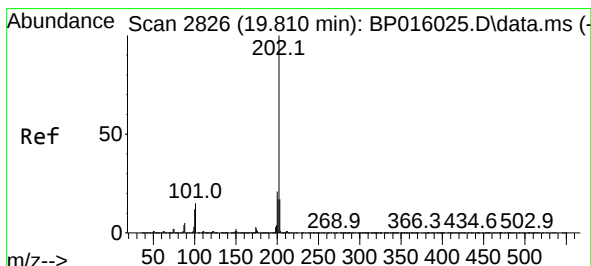
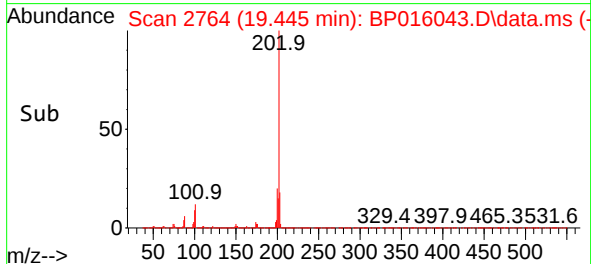
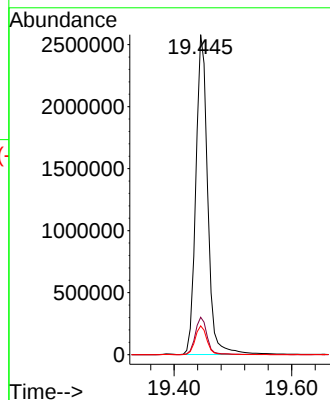
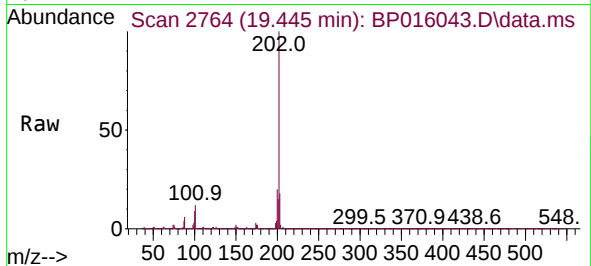




#80
Fluoranthene
Concen: 26.422 ng/ul
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

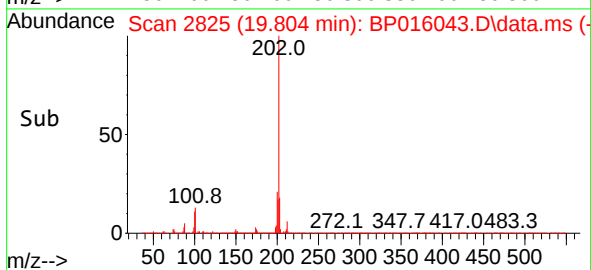
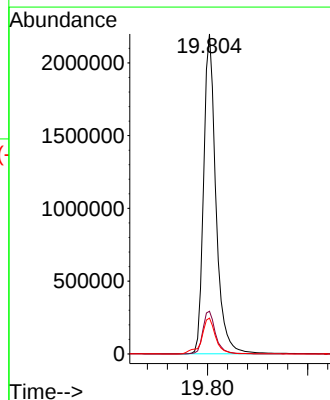
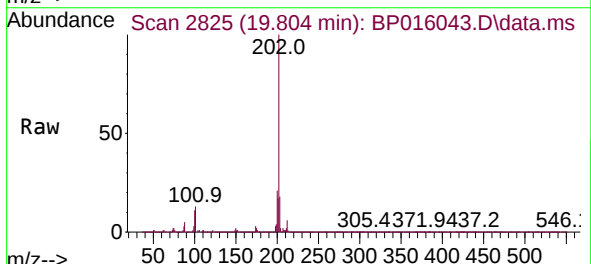
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

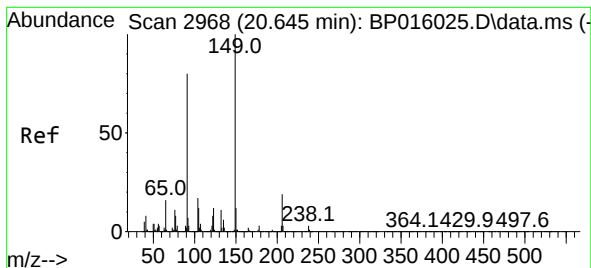
Tgt Ion:202 Resp: 3618392
Ion Ratio Lower Upper
202 100
101 11.7 8.3 12.5
100 9.0 6.6 9.8



#82
Pyrene
Concen: 26.766 ng/ul
RT: 19.804 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:202 Resp: 3739094
Ion Ratio Lower Upper
202 100
101 13.4 9.3 13.9
100 11.2 7.6 11.4





#83

Butylbenzylphthalate

Concen: 28.082 ng/ul

RT: 20.645 min Scan# 2968

Delta R.T. -0.000 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

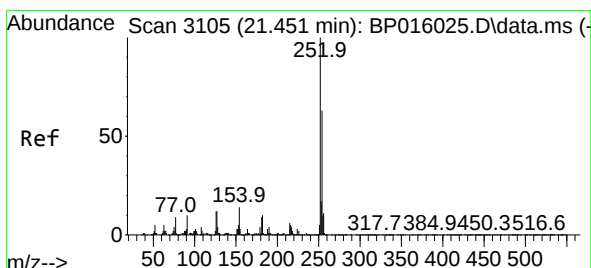
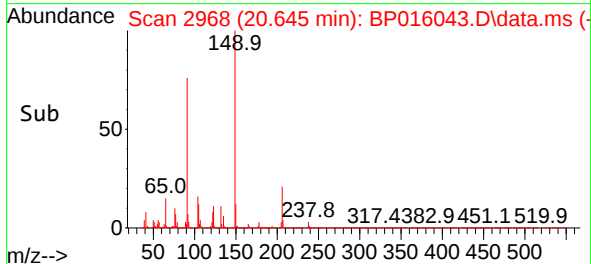
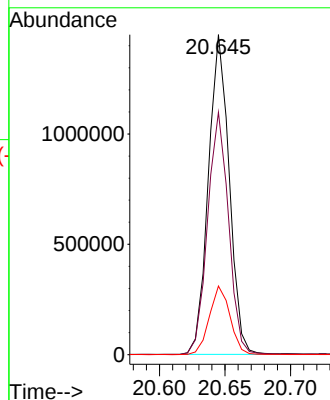
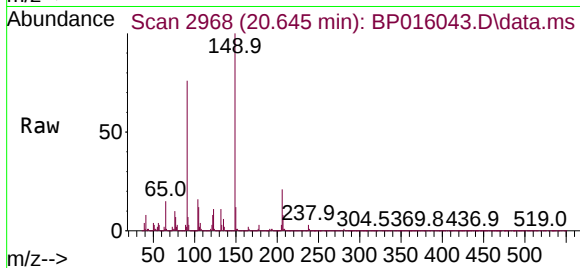
Tgt Ion:149 Resp: 1600471

Ion Ratio Lower Upper

149 100

91 75.8 59.8 89.6

206 21.4 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 29.589 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

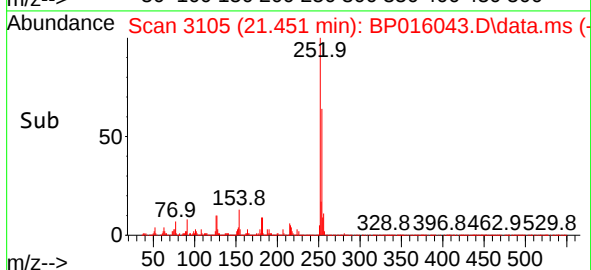
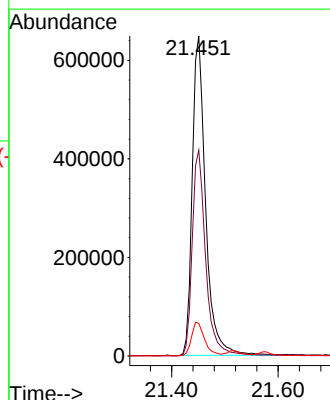
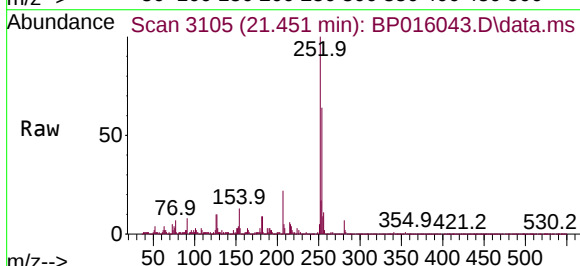
Tgt Ion:252 Resp: 1128745

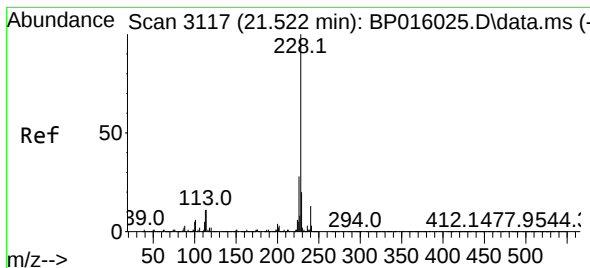
Ion Ratio Lower Upper

252 100

254 64.3 51.0 76.6

126 10.2 8.6 13.0





#85

Benzo(a)anthracene

Concen: 28.613 ng/ul

RT: 21.516 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

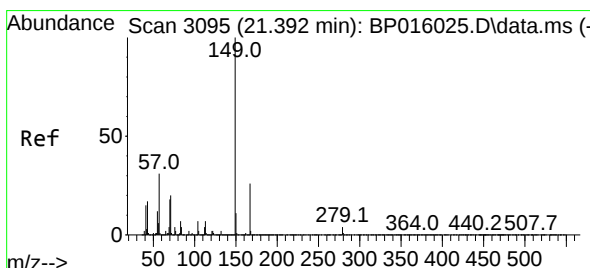
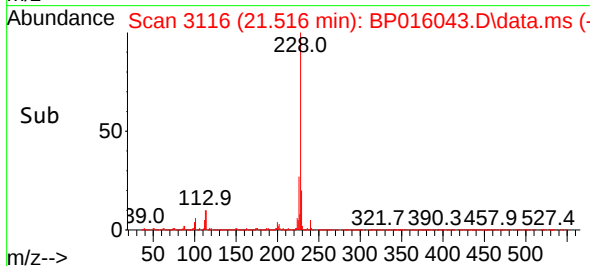
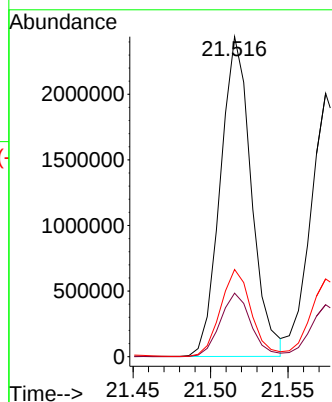
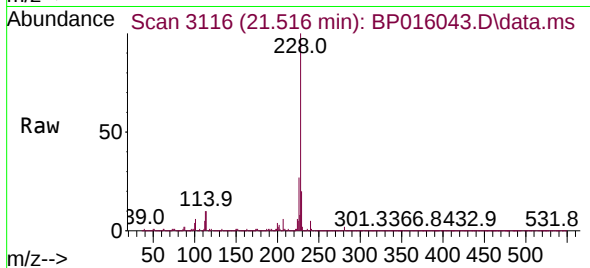
Tgt Ion:228 Resp: 3396633

Ion Ratio Lower Upper

228 100

229 19.9 15.3 22.9

226 27.2 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.567 ng/ul

RT: 21.392 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

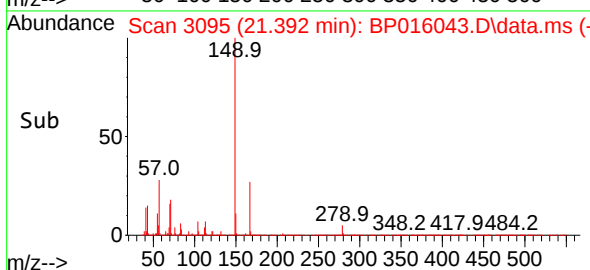
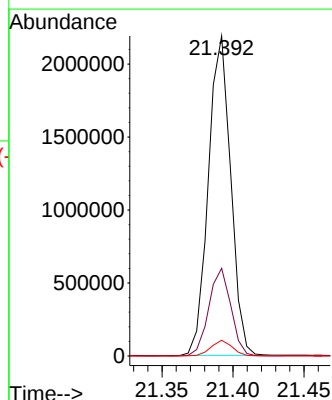
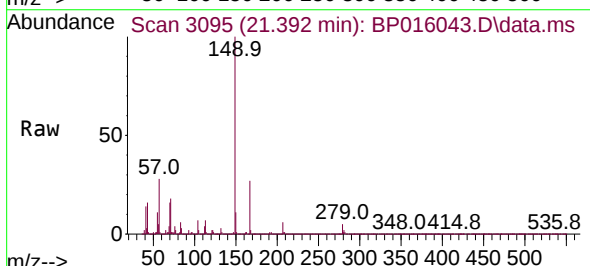
Tgt Ion:149 Resp: 2394129

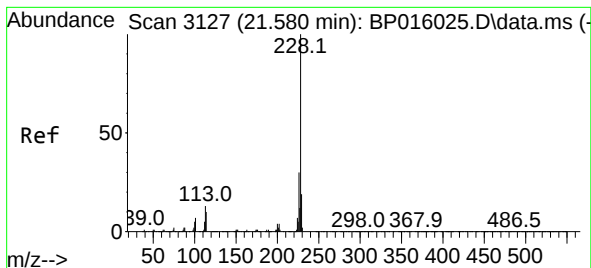
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.6

279 4.9 3.8 5.6





#87

Chrysene

Concen: 30.422 ng/ul

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

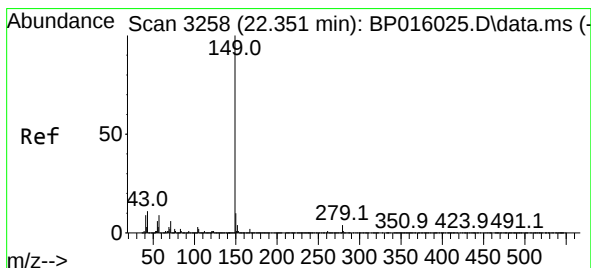
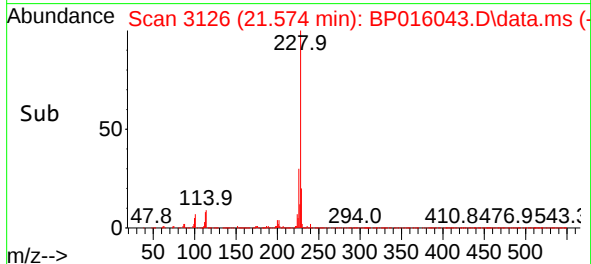
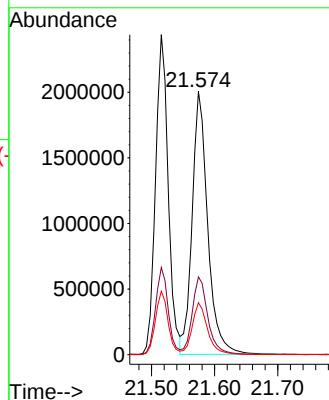
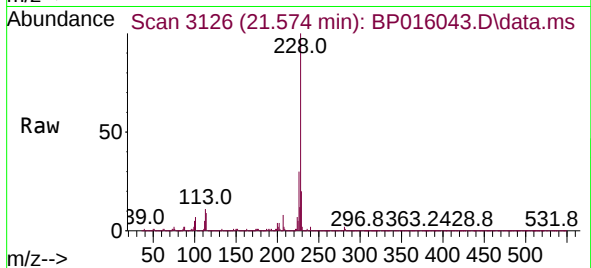
Tgt Ion:228 Resp: 3426358

Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

229 19.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 31.197 ng/ul

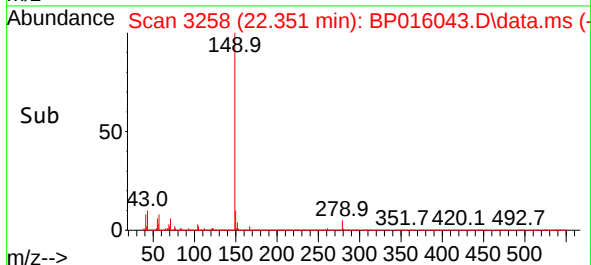
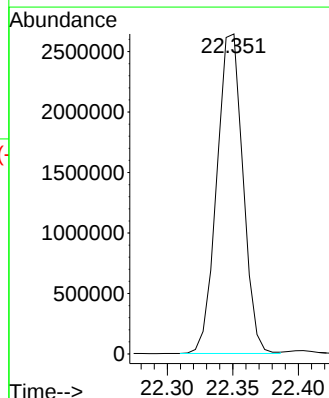
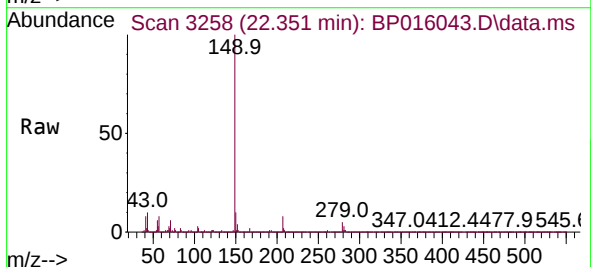
RT: 22.351 min Scan# 3258

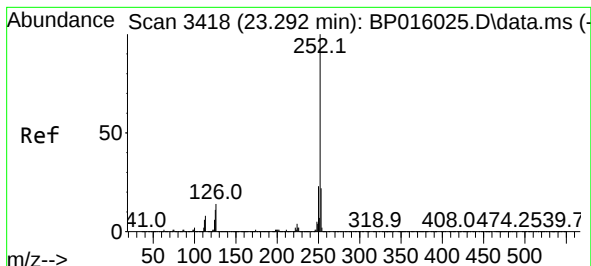
Delta R.T. -0.000 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Tgt Ion:149 Resp: 3653540





#90

Benzo(b)fluoranthene

Concen: 29.731 ng/ul

RT: 23.286 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

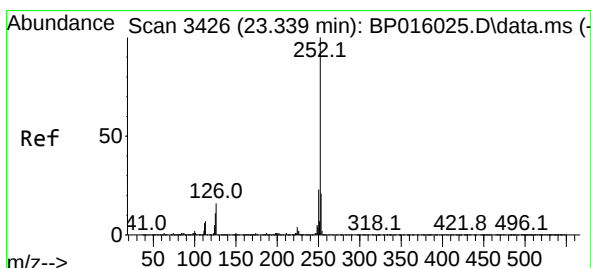
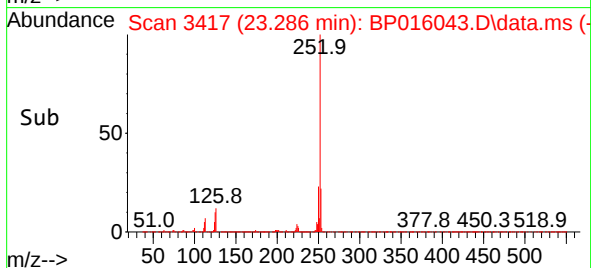
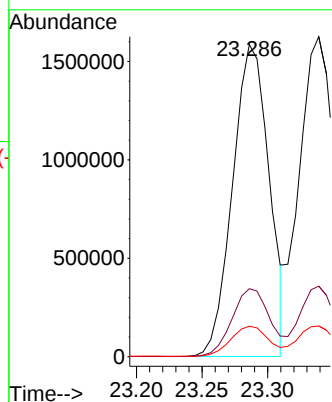
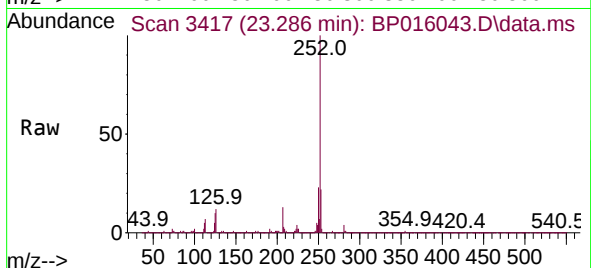
Tgt Ion:252 Resp: 3061381

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.7 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 32.146 ng/ul

RT: 23.339 min Scan# 3426

Delta R.T. -0.000 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

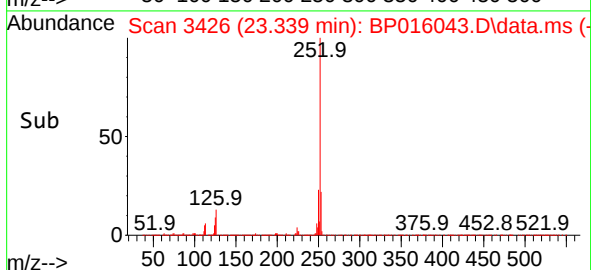
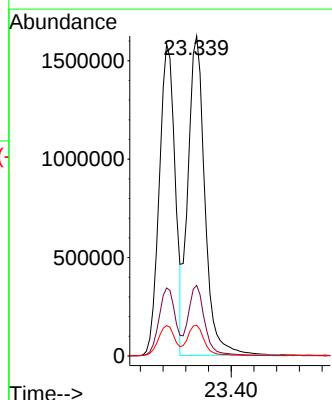
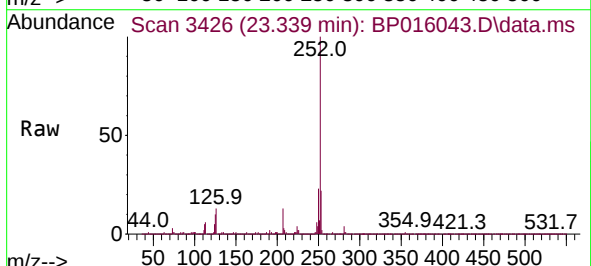
Tgt Ion:252 Resp: 3344386

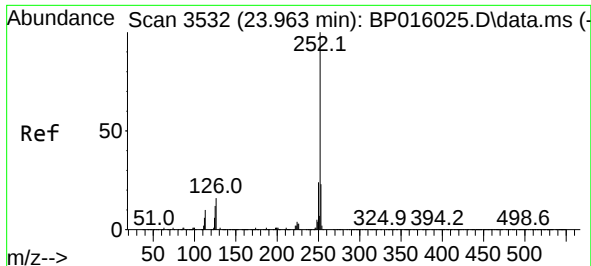
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 9.6 7.3 10.9

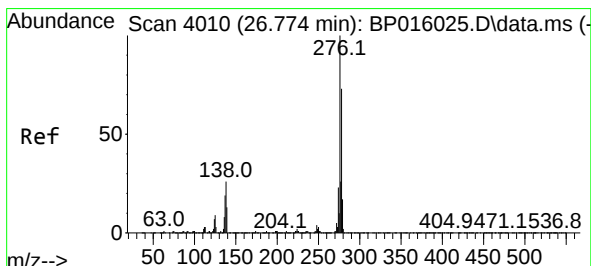
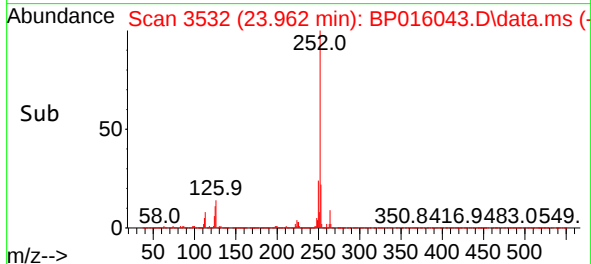
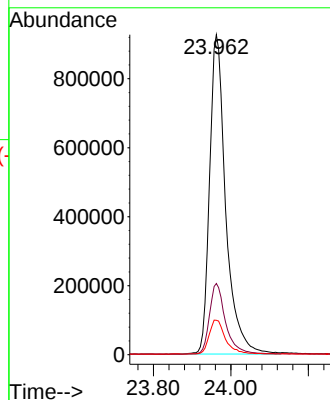
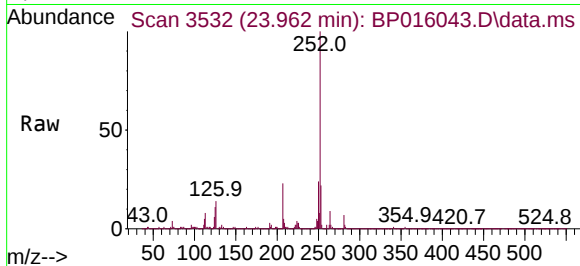




#93
Benzo(a)pyrene
Concen: 29.776 ng/ul
RT: 23.962 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

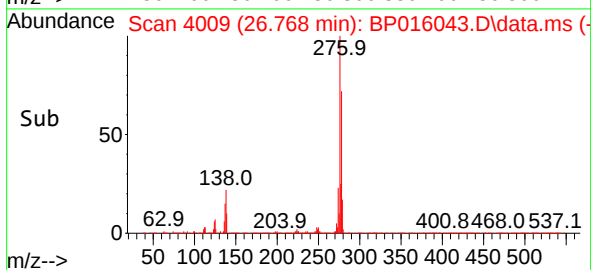
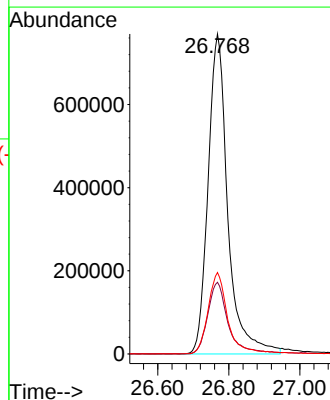
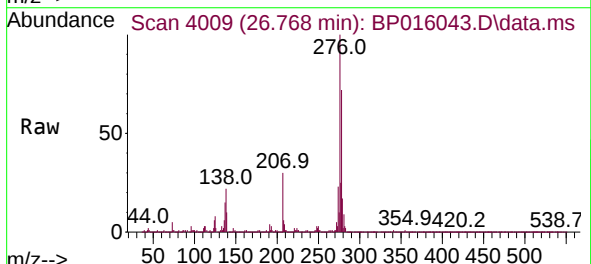
Instrument :
BNA_P
ClientSampleId :
EXYY0MSD

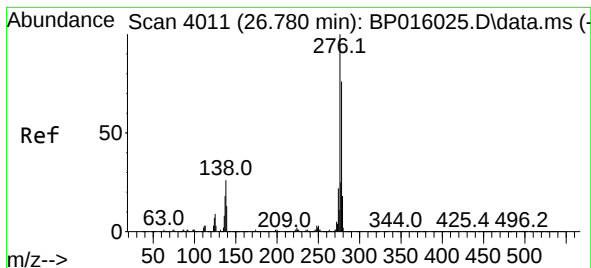
Tgt Ion:252 Resp: 2679051
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.8 8.2 12.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 24.277 ng/ul
RT: 26.768 min Scan# 4009
Delta R.T. -0.006 min
Lab File: BP016043.D
Acq: 06 Jul 2023 21:29

Tgt Ion:276 Resp: 2965191
Ion Ratio Lower Upper
276 100
138 22.4 15.7 23.5
277 25.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 24.776 ng/ul

RT: 26.768 min Scan# 4011

Delta R.T. -0.012 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Instrument :

BNA_P

ClientSampleId :

EXYY0MSD

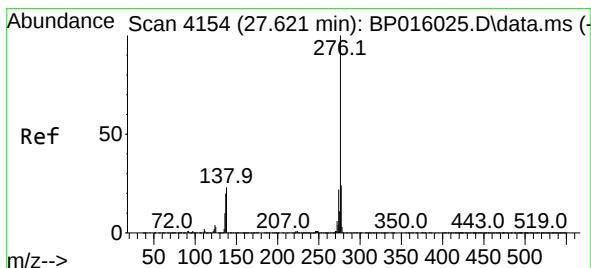
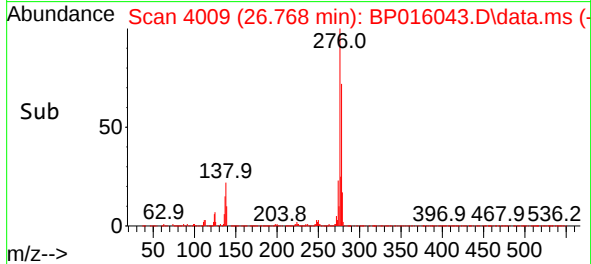
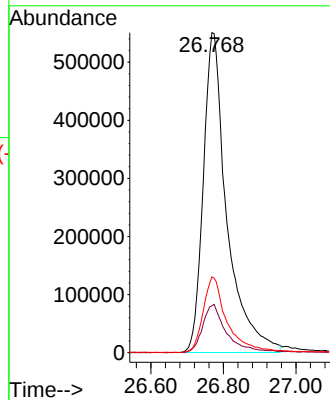
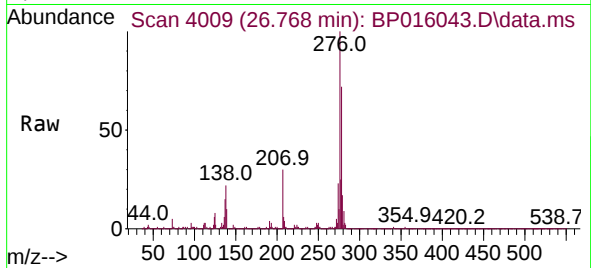
Tgt Ion:278 Resp: 2485619

Ion Ratio Lower Upper

278 100

139 14.6 10.5 15.7

279 23.7 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 23.374 ng/ul

RT: 27.615 min Scan# 4153

Delta R.T. -0.006 min

Lab File: BP016043.D

Acq: 06 Jul 2023 21:29

Tgt Ion:276 Resp: 2348603

Ion Ratio Lower Upper

276 100

138 19.3 15.1 22.7

277 24.0 18.8 28.2

