

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016451.D
 Acq On : 01 Aug 2023 12:13
 Operator : MA/JU
 Sample : 03769-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P39BMSD

Quant Time: Aug 01 15:51:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	530378	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	2193797	20.000	ng	-0.01
39) Acenaphthene-d10	14.728	164	1253531	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2530611	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1910207	20.000	ng	# 0.00
86) Perylene-d12	24.192	264	1875046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3237382	99.580	ng	-0.01
7) Phenol-d6	7.222	99	4236551	95.073	ng	0.00
23) Nitrobenzene-d5	9.275	82	2377133	60.657	ng	-0.02
42) 2,4,6-Tribromophenol	16.228	330	1222215	66.276	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	5303279	60.654	ng	0.00
79) Terphenyl-d14	20.039	244	6907945	76.392	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	492467	38.840	ng	99
3) Pyridine	3.858	79	1351583	35.661	ng	99
4) n-Nitrosodimethylamine	3.787	42	609264	42.635	ng	98
6) Aniline	7.411	93	1366985	24.836	ng	99
8) 2-Chlorophenol	7.634	128	1645440	48.272	ng	98
9) Benzaldehyde	7.228	77	886830	43.809	ng	98
10) Phenol	7.246	94	2120207	48.995	ng	99
11) bis(2-Chloroethyl)ether	7.511	93	1551449	44.104	ng	100
12) 1,3-Dichlorobenzene	7.958	146	1666408	45.539	ng	97
13) 1,4-Dichlorobenzene	8.117	146	1694866	45.660	ng	99
14) 1,2-Dichlorobenzene	8.428	146	1636026	45.776	ng	98
15) Benzyl Alcohol	8.334	79	1408121	46.253	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.616	45	1798005	45.070	ng	99
17) 2-Methylphenol	8.516	107	1390304	44.579	ng	100
18) Hexachloroethane	9.158	117	608869	45.986	ng	94
19) n-Nitroso-di-n-propyla...	8.899	70	1174588	42.075	ng	98
20) 3+4-Methylphenols	8.852	107	1876129	44.294	ng	98
22) Acetophenone	8.928	105	2375042	42.879	ng	100
24) Nitrobenzene	9.322	77	1729424	42.965	ng	98
25) Isophorone	9.840	82	3252002	41.101	ng	99
26) 2-Nitrophenol	10.028	139	767154	44.466	ng	97
27) 2,4-Dimethylphenol	10.063	122	1504910	42.515	ng	100
28) bis(2-Chloroethoxy)met...	10.328	93	2069677	42.704	ng	99
29) 2,4-Dichlorophenol	10.546	162	1501809	45.335	ng	98
30) 1,2,4-Trichlorobenzene	10.763	180	1522689	42.438	ng	99
31) Naphthalene	10.969	128	4763537	41.512	ng	99
32) Benzoic acid	10.205	122	954273	41.995	ng	98
33) 4-Chloroaniline	11.093	127	334318	6.459	ng	98
34) Hexachlorobutadiene	11.205	225	853391	40.173	ng	100
35) Caprolactam	11.910	113	289323	23.901	ng	96
36) 4-Chloro-3-methylphenol	12.181	107	1588189	43.130	ng	98
37) 2-Methylnaphthalene	12.563	142	3243109	38.903	ng	99
38) 1-Methylnaphthalene	12.781	142	3119168	39.910	ng	100
40) 1,2,4,5-Tetrachloroben...	12.910	216	1635566	42.935	ng	99
41) Hexachlorocyclopentadiene	12.869	237	1726542	90.243	ng	100
43) 2,4,6-Trichlorophenol	13.157	196	1121322	45.876	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	1217941	41.071	ng	98
46) 1,1'-Biphenyl	13.569	154	4177814	43.722	ng	99
47) 2-Chloronaphthalene	13.616	162	3235130	44.876	ng	99
48) 2-Nitroaniline	13.834	65	905298	44.551	ng	98
49) Acenaphthylene	14.457	152	5237863	43.791	ng	100
50) Dimethylphthalate	14.193	163	4870762	49.863	ng	100
51) 2,6-Dinitrotoluene	14.328	165	847475	42.349	ng	92
52) Acenaphthene	14.799	154	2994092	42.095	ng	100
53) 3-Nitroaniline	14.663	138	568494	25.128	ng	95
54) 2,4-Dinitrophenol	14.863	184	699512	75.248	ng	99
55) Dibenzofuran	15.128	168	4771487	40.903	ng	98
56) 4-Nitrophenol	14.946	139	1505450	85.005	ng	100
57) 2,4-Dinitrotoluene	15.104	165	1131444	43.383	ng	93
58) Fluorene	15.781	166	3712753	40.512	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.340	232	998645	40.938	ng	93
60) Diethylphthalate	15.546	149	3903534	40.211	ng	99
61) 4-Chlorophenyl-phenyle...	15.769	204	1818599	39.323	ng	97
62) 4-Nitroaniline	15.834	138	856613	38.152	ng	99
63) Azobenzene	16.069	77	3824804	41.727	ng	97
65) 4,6-Dinitro-2-methylph...	15.857	198	487093	42.012	ng	97
66) n-Nitrosodiphenylamine	15.998	169	3288032	44.088	ng	100
67) 4-Bromophenyl-phenylether	16.675	248	1095527	40.884	ng	95
68) Hexachlorobenzene	16.757	284	1269663	42.489	ng	96
69) Atrazine	16.951	200	1108017	49.956	ng	99
70) Pentachlorophenol	17.116	266	1387729	67.108	ng	95
71) Phenanthrene	17.540	178	5704133	42.450	ng	100
72) Anthracene	17.634	178	5754220	42.587	ng	100
73) Carbazole	17.910	167	5276736	41.654	ng	99
74) Di-n-butylphthalate	18.428	149	6538174	44.611	ng	99
75) Fluoranthene	19.498	202	6264056	39.772	ng	98
77) Benzidine	19.692	184	2725277	82.288	ng	99
78) Pyrene	19.857	202	6350209	49.591	ng	100
80) Butylbenzylphthalate	20.716	149	2750650	54.679	ng	94
81) Benzo(a)anthracene	21.575	228	5665395	44.204	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	1082082	25.719	ng	# 96
83) Chrysene	21.633	228	5170447	42.246	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	4049673	53.619	ng	99
85) Di-n-octyl phthalate	22.463	149	6646712	52.326	ng	99
87) Indeno(1,2,3-cd)pyrene	26.968	276	5396893	42.693	ng	96
88) Benzo(b)fluoranthene	23.386	252	5099048	46.914	ng	99
89) Benzo(k)fluoranthene	23.439	252	5082068	45.975	ng	98
90) Benzo(a)pyrene	24.074	252	4413747	41.925	ng	98
91) Dibenzo(a,h)anthracene	27.004	278	4511372	42.794	ng	98
92) Benzo(g,h,i)perylene	27.833	276	4277888	42.109	ng	97

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

BNA P

ClientSampleId :
B-P39BMSD

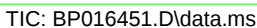
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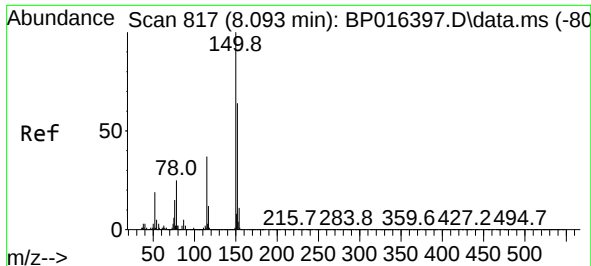
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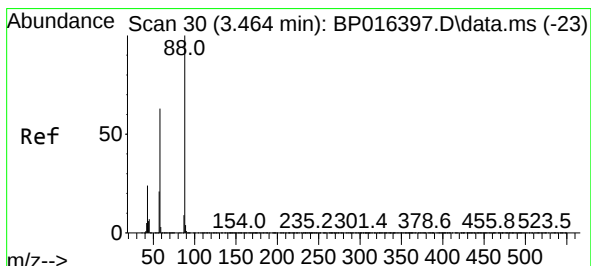
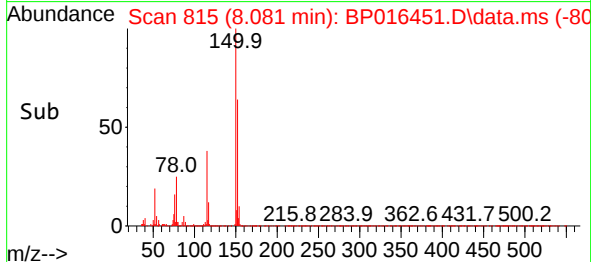
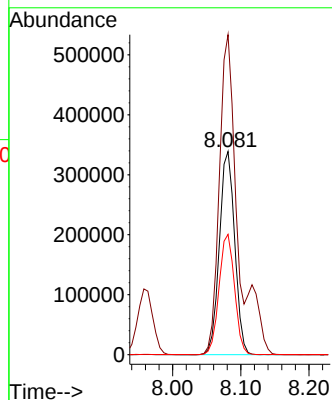
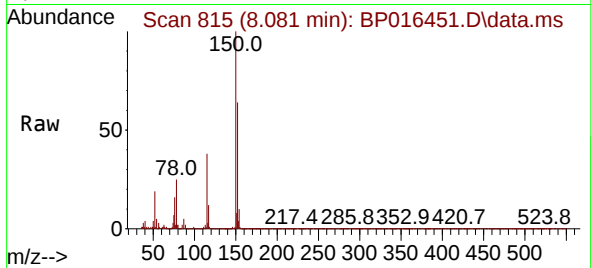




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP016451.D
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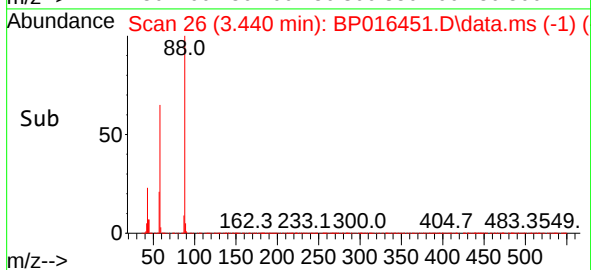
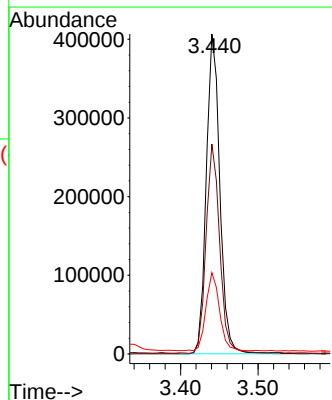
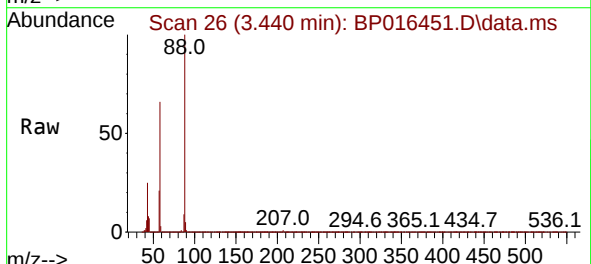
Instrument :
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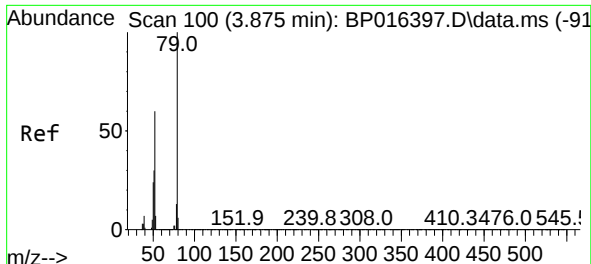
Tgt Ion:152 Resp: 530378
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 59.2 46.8 70.2



#2
1,4-Dioxane
Concen: 38.840 ng
RT: 3.440 min Scan# 26
Delta R.T. -0.023 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 88 Resp: 492467
Ion Ratio Lower Upper
88 100
58 65.9 51.7 77.5
43 24.4 19.2 28.8

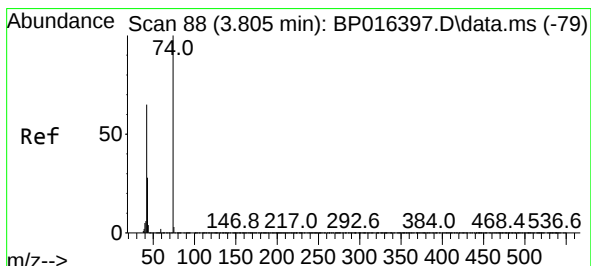
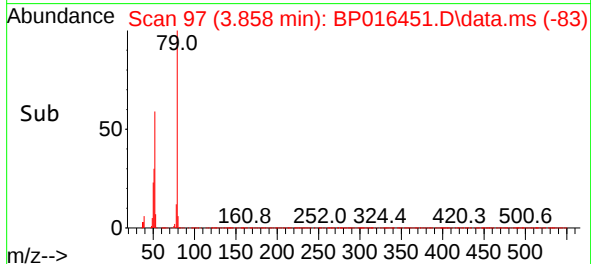
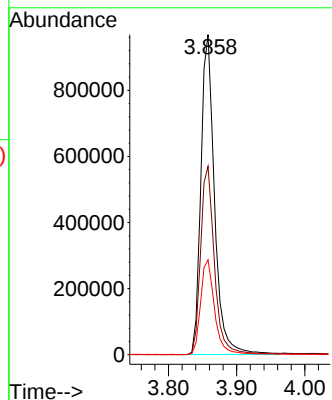
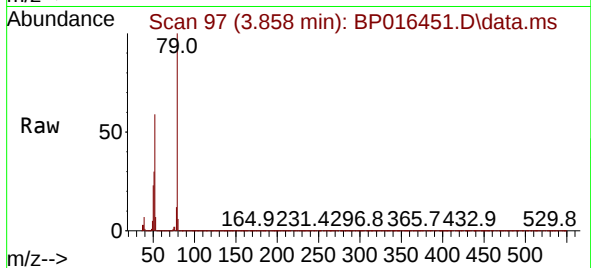




#3
Pyridine
Concen: 35.661 ng
RT: 3.858 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

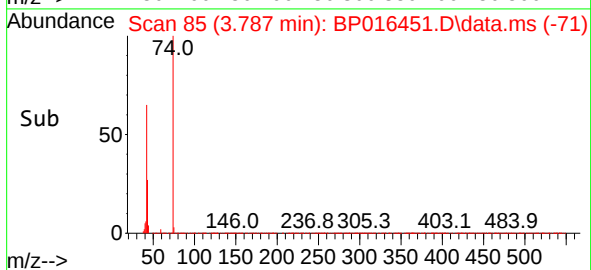
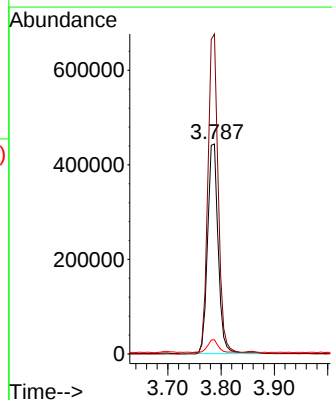
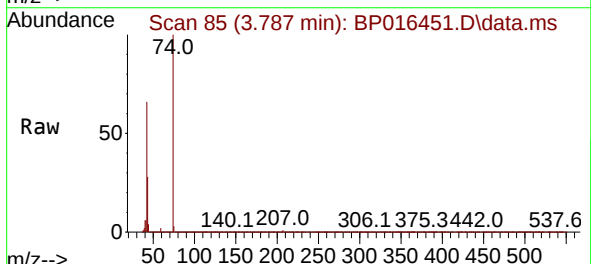
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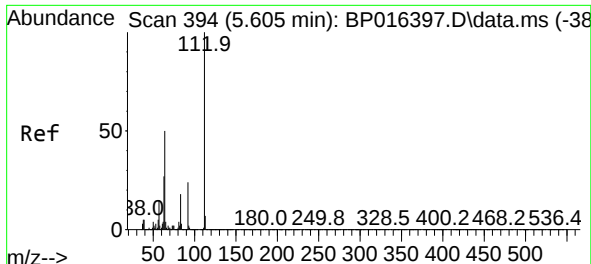
Tgt Ion: 79 Resp: 1351583
Ion Ratio Lower Upper
79 100
52 58.8 47.9 71.9
51 29.7 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 42.635 ng
RT: 3.787 min Scan# 85
Delta R.T. -0.018 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 42 Resp: 609264
Ion Ratio Lower Upper
42 100
74 152.4 123.8 185.8
44 6.7 5.5 8.3

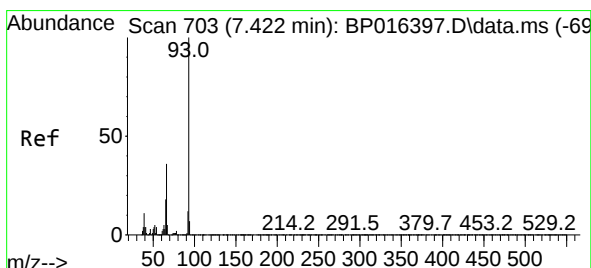
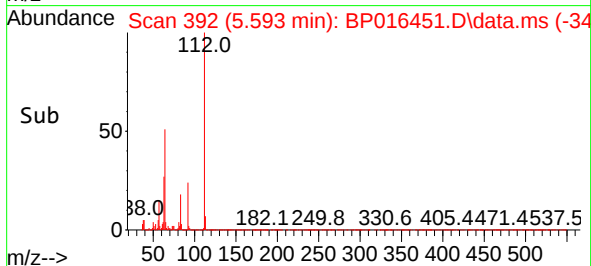
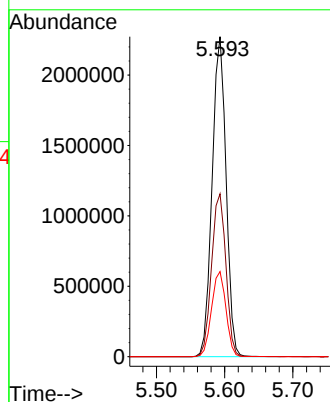
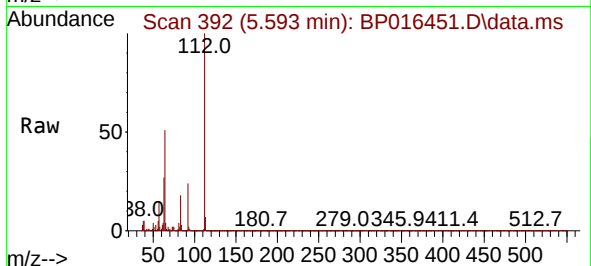




#5
2-Fluorophenol
Concen: 99.580 ng
RT: 5.593 min Scan# 394
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

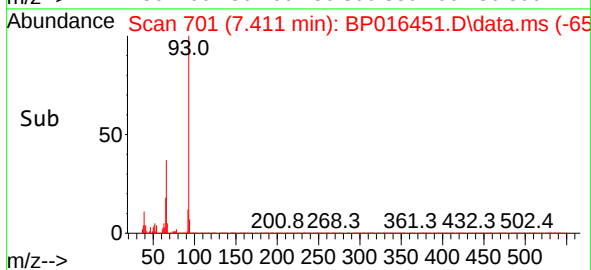
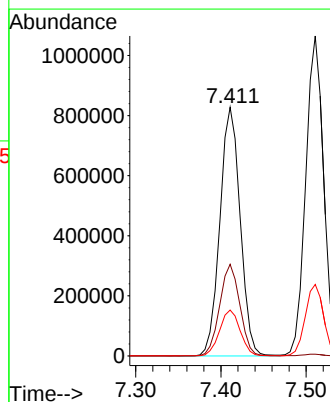
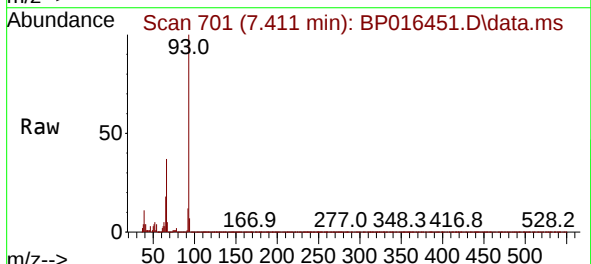
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ClientSampleId :
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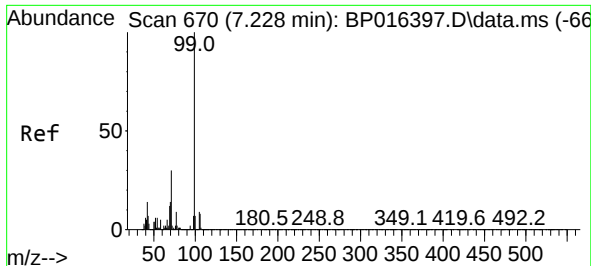
Tgt Ion:112 Resp: 3237382
Ion Ratio Lower Upper
112 100
64 50.9 40.0 60.0
63 26.6 21.2 31.8



#6
Aniline
Concen: 24.836 ng
RT: 7.411 min Scan# 701
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 93 Resp: 1366985
Ion Ratio Lower Upper
93 100
66 36.9 28.9 43.3
65 18.5 14.7 22.1

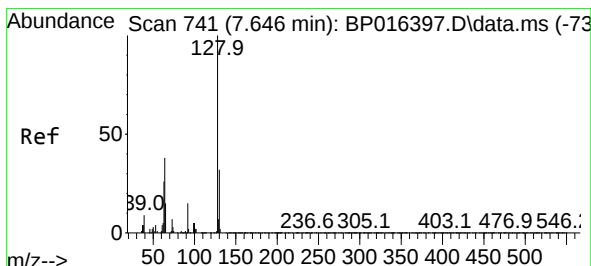
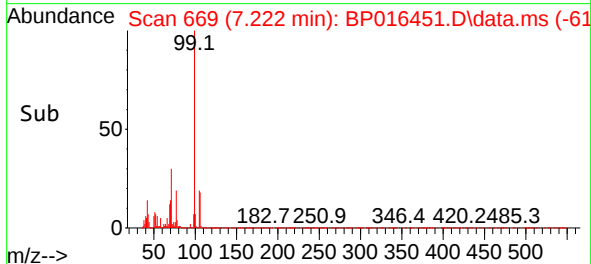
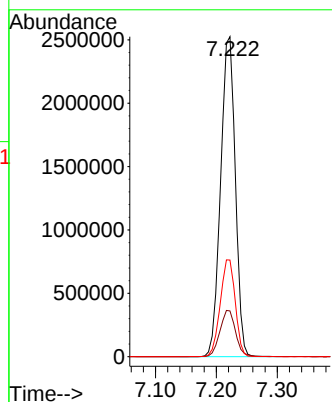
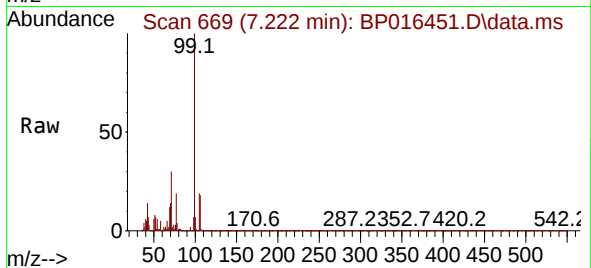




#7
Phenol-d6
Concen: 95.073 ng
RT: 7.222 min Scan# 610
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

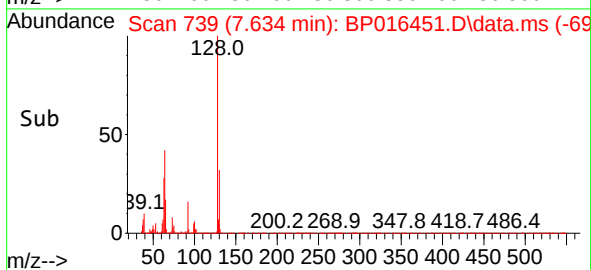
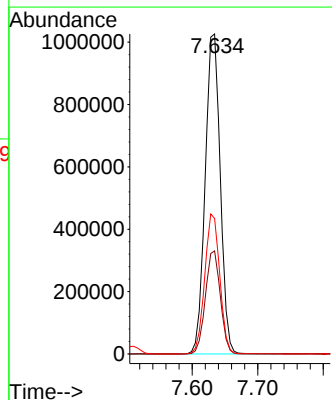
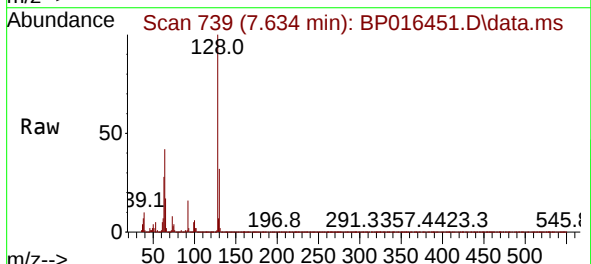
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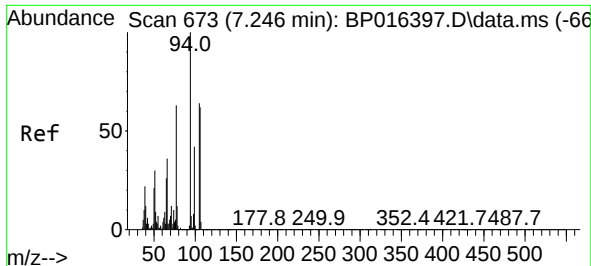
Tgt Ion: 99 Resp: 4236551
Ion Ratio Lower Upper
99 100
42 14.3 11.6 17.4
71 30.2 24.3 36.5



#8
2-Chlorophenol
Concen: 48.272 ng
RT: 7.634 min Scan# 739
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 128 Resp: 1645440
Ion Ratio Lower Upper
128 100
130 32.2 11.6 51.6
64 42.4 20.6 60.6

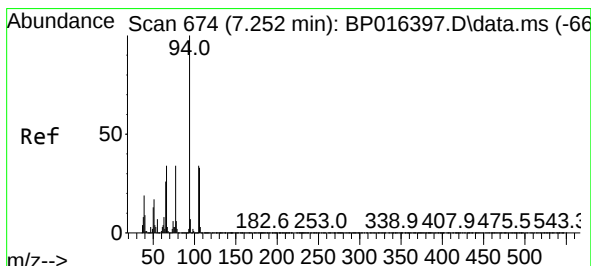
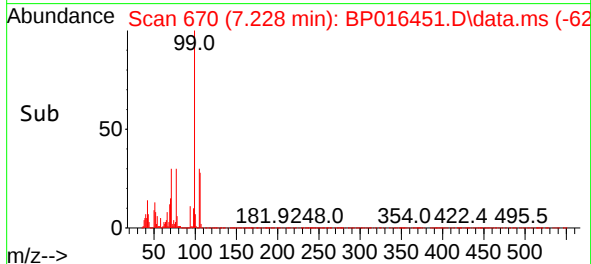
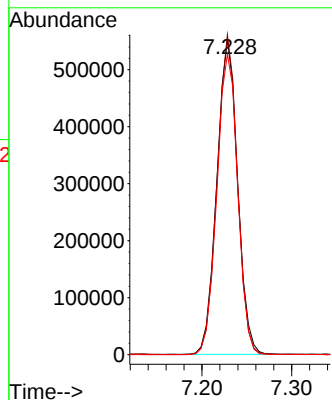
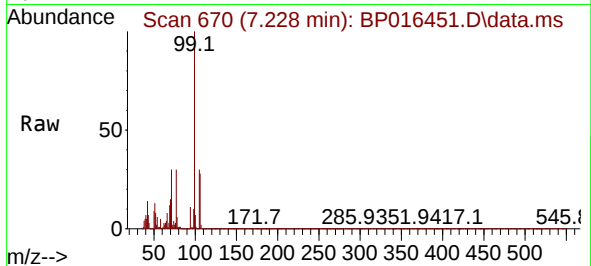




#9
Benzaldehyde
Concen: 43.809 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016451.D
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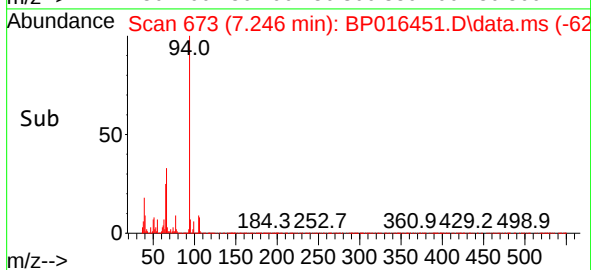
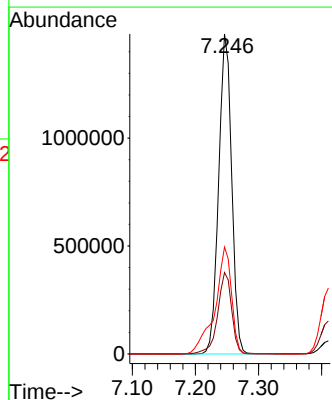
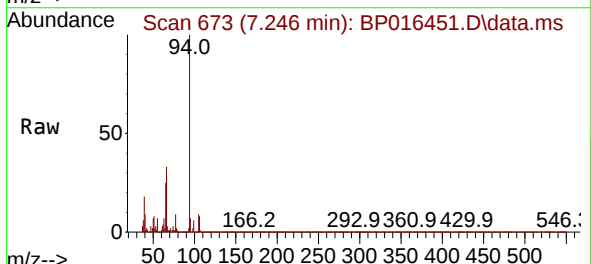
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ClientSampleId :
B-P39BMSD

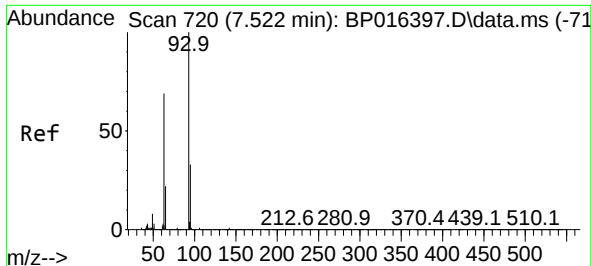
Tgt Ion: 77 Resp: 886830
Ion Ratio Lower Upper
77 100
105 101.7 81.9 121.9
106 95.5 78.8 118.8



#10
Phenol
Concen: 48.995 ng
RT: 7.246 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 94 Resp: 2120207
Ion Ratio Lower Upper
94 100
65 25.5 5.9 45.9
66 33.4 14.3 54.3

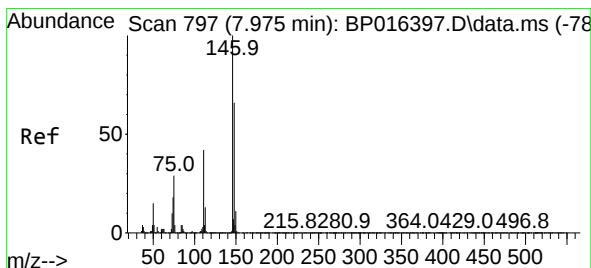
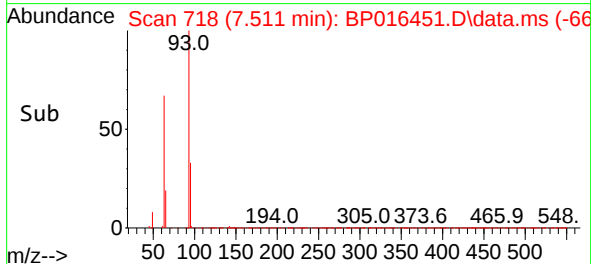
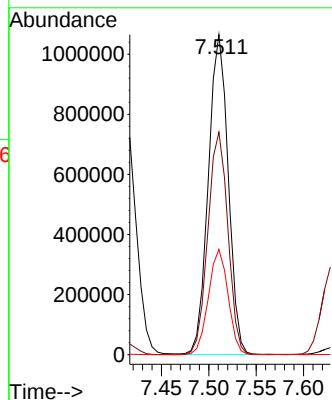
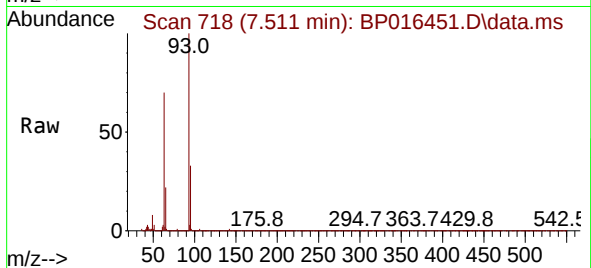




#11
bis(2-Chloroethyl)ether
Concen: 44.104 ng
RT: 7.511 min Scan# 711
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

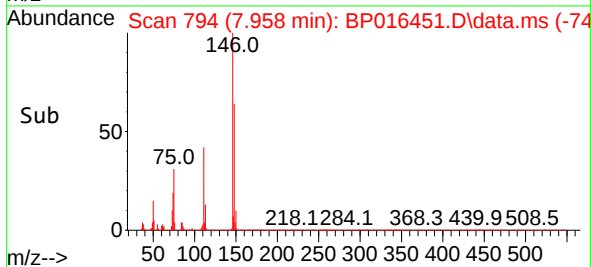
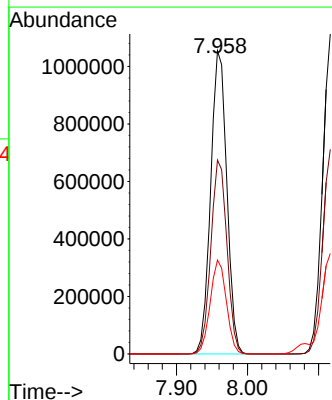
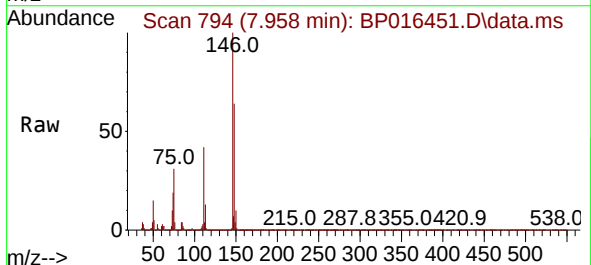
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

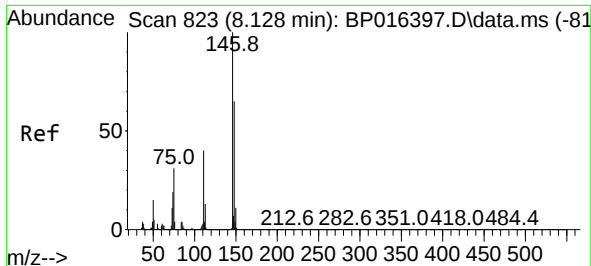
Tgt Ion: 93 Resp: 1551449
Ion Ratio Lower Upper
93 100
63 69.5 49.4 89.4
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.539 ng
RT: 7.958 min Scan# 794
Delta R.T. -0.018 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:146 Resp: 1666408
Ion Ratio Lower Upper
146 100
148 64.0 53.0 79.4
75 31.0 23.4 35.2

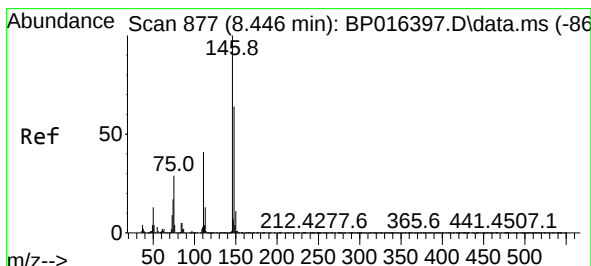
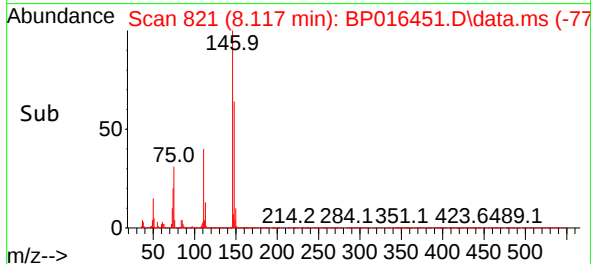
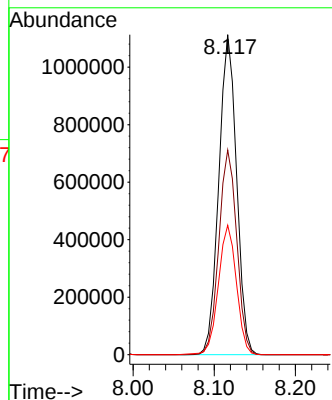
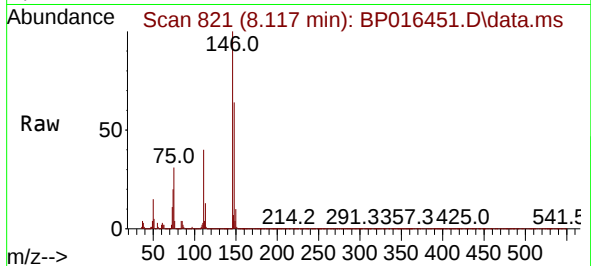




#13
1,4-Dichlorobenzene
Concen: 45.660 ng
RT: 8.117 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

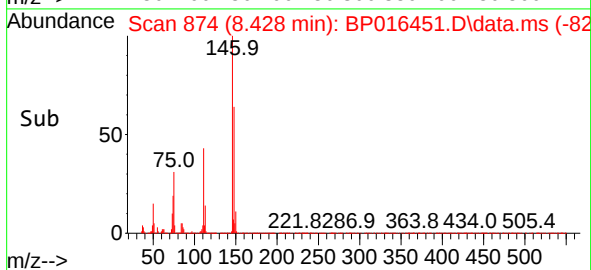
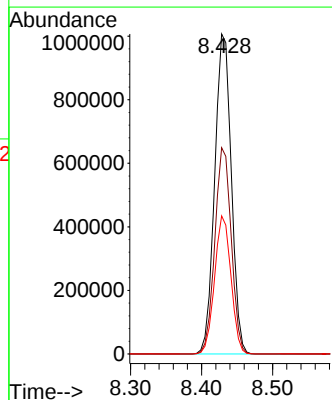
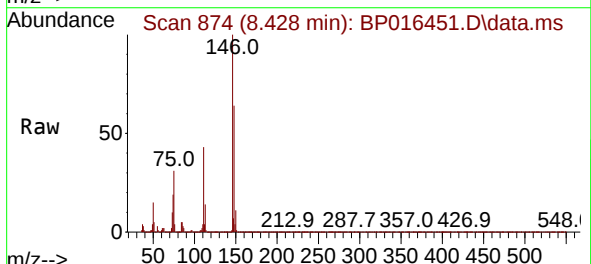
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

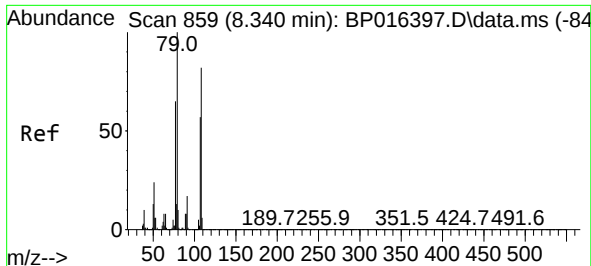
Tgt Ion:146 Resp: 1694866
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
111 40.5 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 45.776 ng
RT: 8.428 min Scan# 874
Delta R.T. -0.018 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:146 Resp: 1636026
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 43.2 32.6 49.0

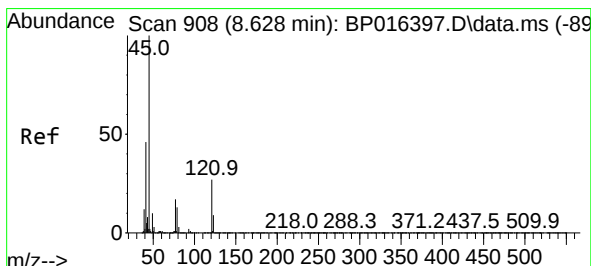
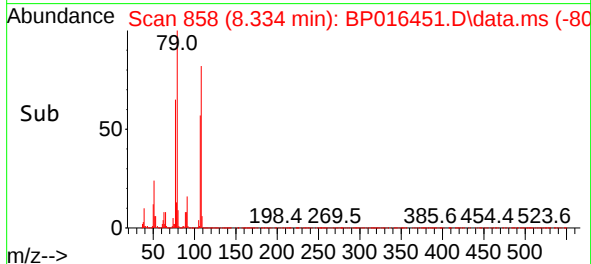
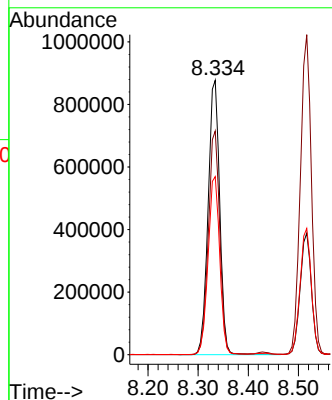
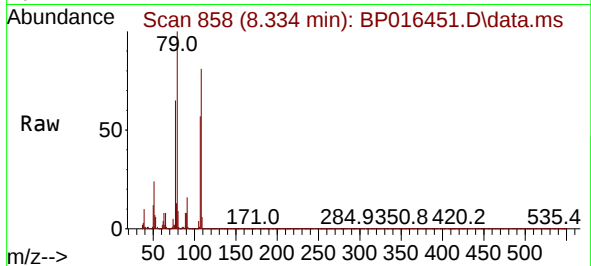




#15
Benzyl Alcohol
Concen: 46.253 ng
RT: 8.334 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

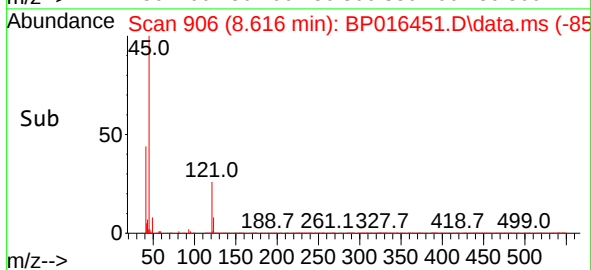
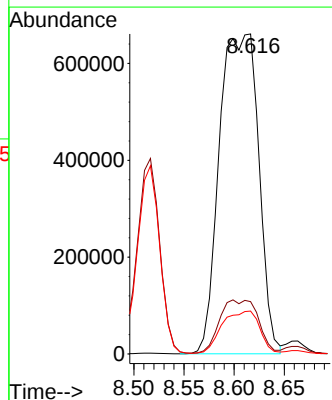
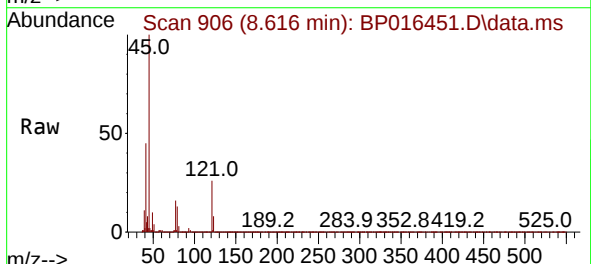
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

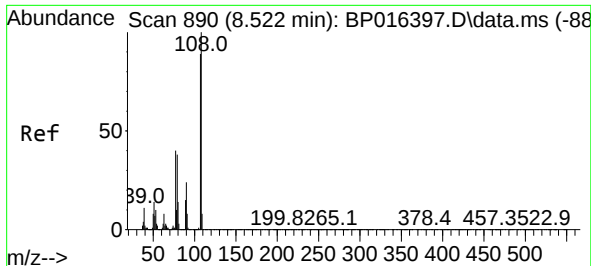
Tgt Ion: 79 Resp: 1408121
Ion Ratio Lower Upper
79 100
108 81.5 65.4 98.2
77 64.9 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.070 ng
RT: 8.616 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 45 Resp: 1798005
Ion Ratio Lower Upper
45 100
77 16.4 0.0 37.3
79 13.4 0.0 33.3



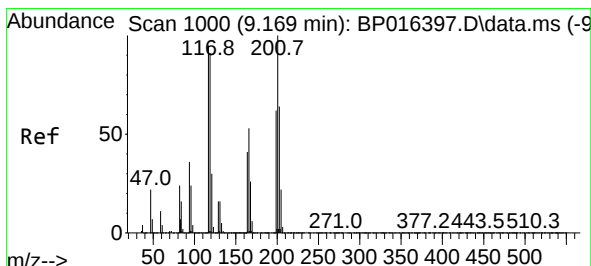
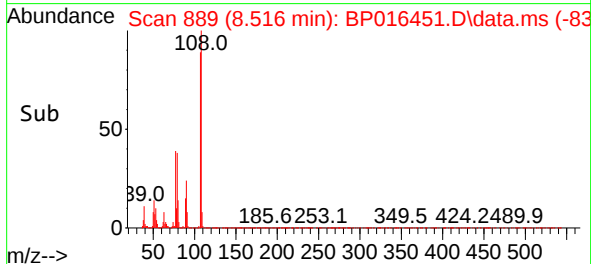
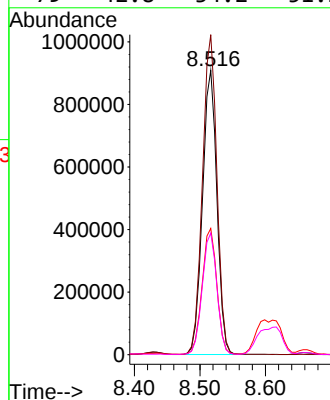
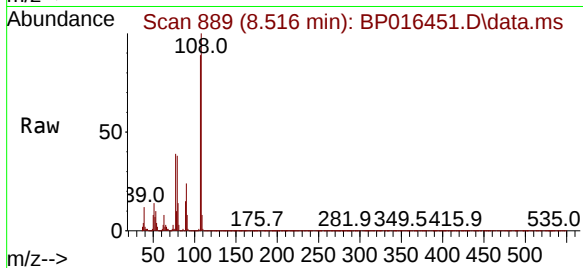


#17
2-Methylphenol
Concen: 44.579 ng
RT: 8.516 min Scan# 890
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

Tgt Ion:107 Resp: 1390304

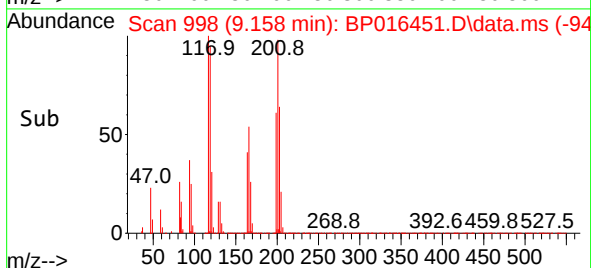
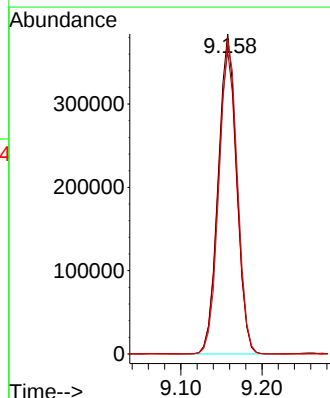
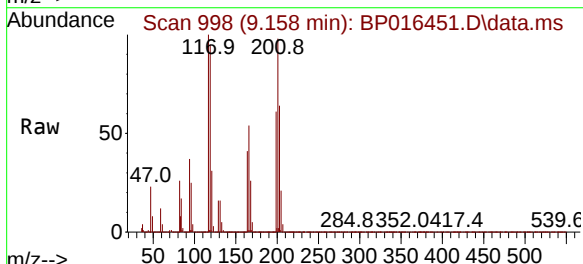
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.6	134.4
77	44.4	35.6	53.4
79	42.8	34.2	51.2

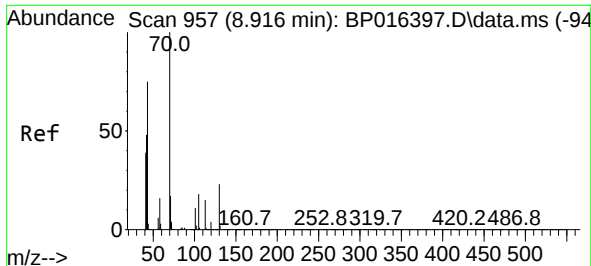


#18
Hexachloroethane
Concen: 45.986 ng
RT: 9.158 min Scan# 998
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:117 Resp: 608869

Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.9	115.3
201	98.1	86.2	129.4

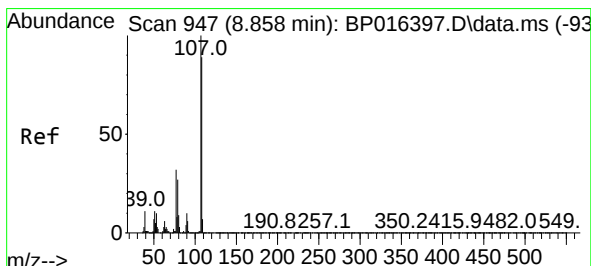
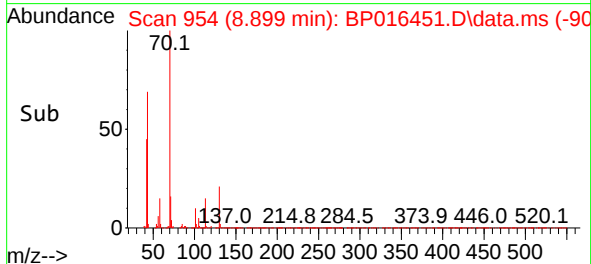
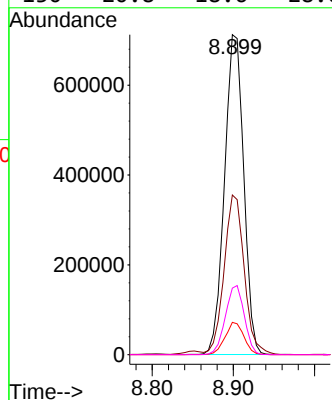
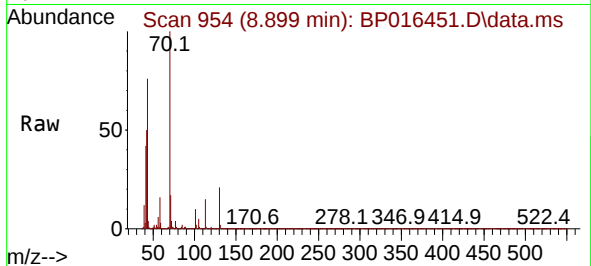




#19
n-Nitroso-di-n-propylamine
Concen: 42.075 ng
RT: 8.899 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

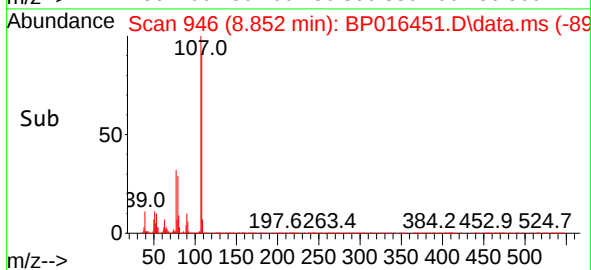
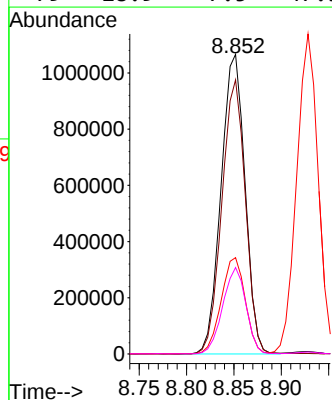
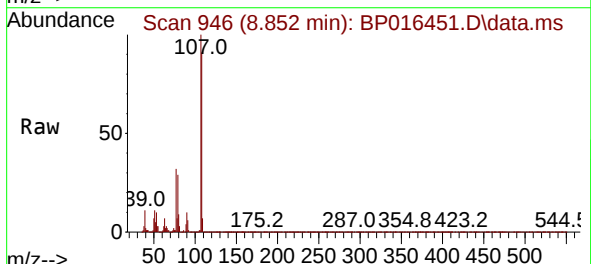
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

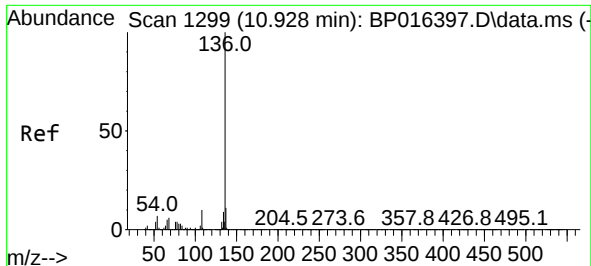
Tgt Ion: 70 Resp: 1174588
Ion Ratio Lower Upper
70 100
42 49.9 39.3 58.9
101 10.1 8.6 12.8
130 20.8 18.6 28.0



#20
3+4-Methylphenols
Concen: 44.294 ng
RT: 8.852 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:107 Resp: 1876129
Ion Ratio Lower Upper
107 100
108 91.5 69.1 109.1
77 32.1 12.0 52.0
79 28.9 7.5 47.5



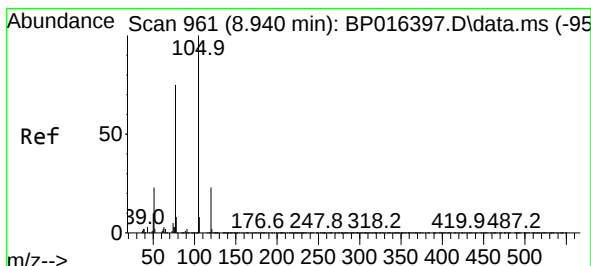
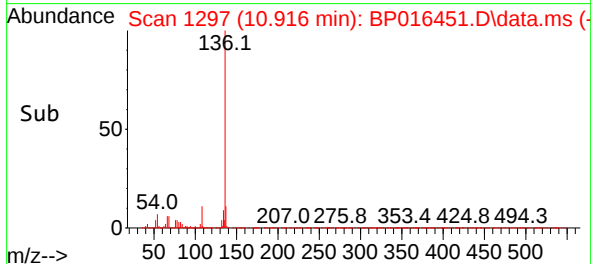
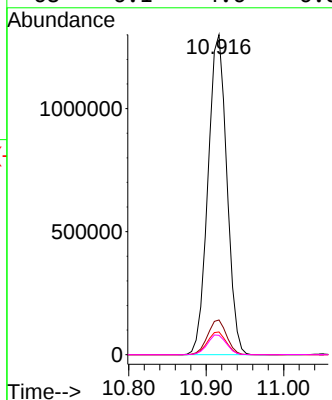
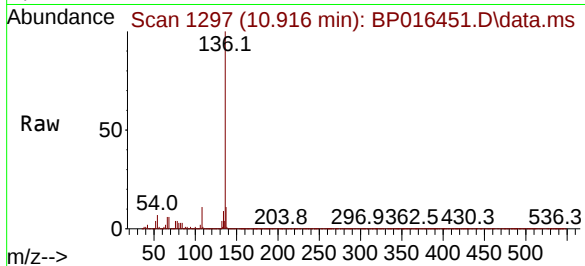


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Instrument :
BNA_P
ClientSampleId :
B-P39BMDS

Tgt Ion:136 Resp: 2193797

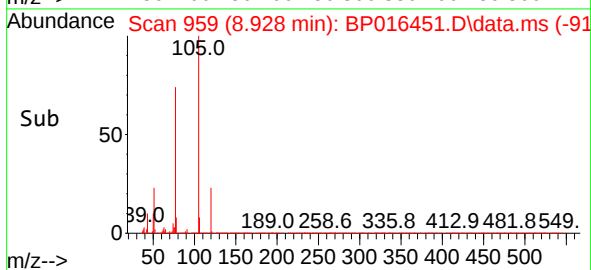
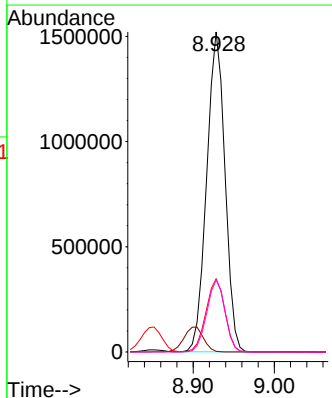
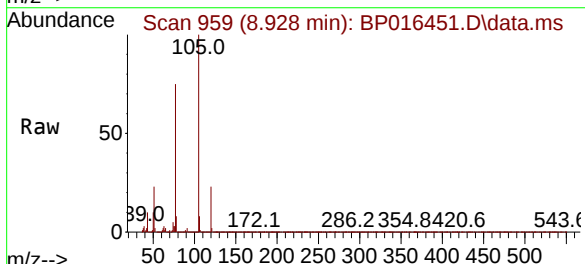
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.1	5.6	8.4
68	6.1	4.6	6.8

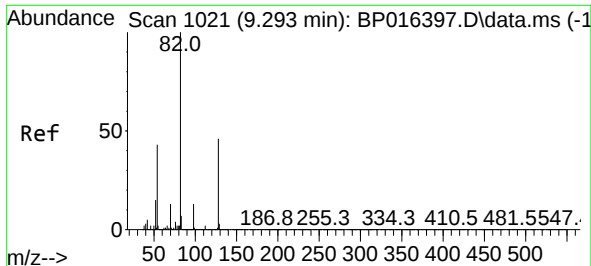


#22
Acetophenone
Concen: 42.879 ng
RT: 8.928 min Scan# 959
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:105 Resp: 2375042

Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.2	0.2
51	22.9	18.3	27.5
120	22.5	18.2	27.2

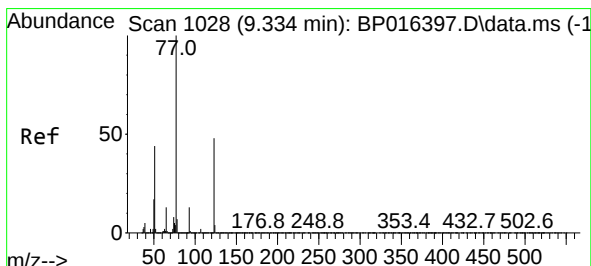
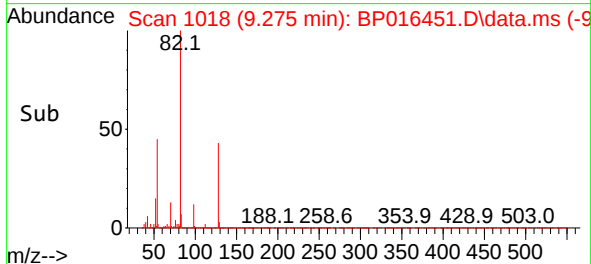
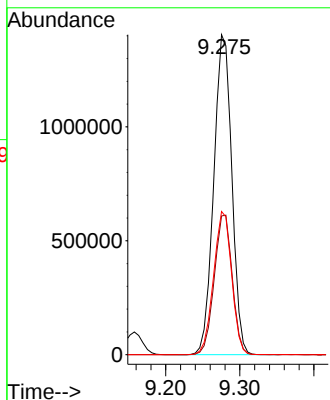
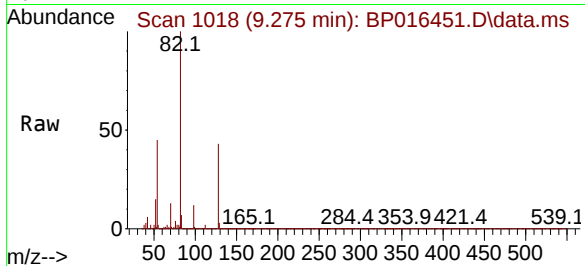




#23
Nitrobenzene-d5
Concen: 60.657 ng
RT: 9.275 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

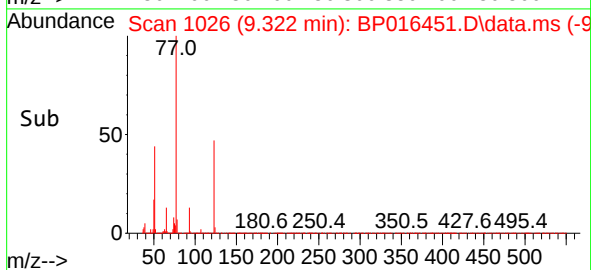
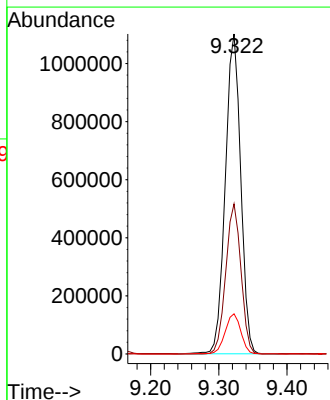
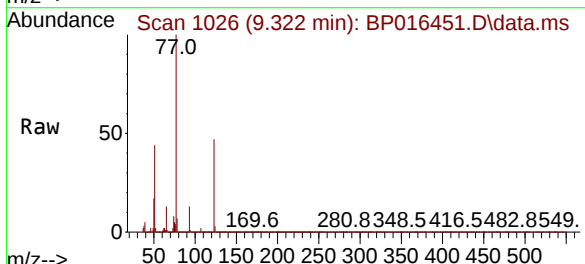
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

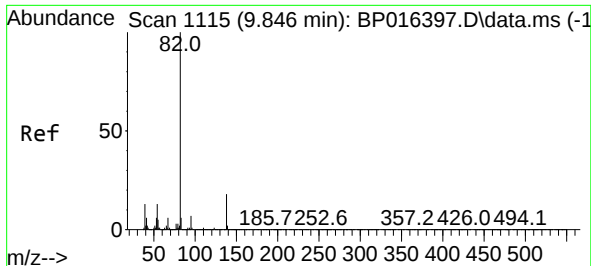
Tgt Ion: 82 Resp: 2377133
Ion Ratio Lower Upper
82 100
128 43.4 36.6 55.0
54 44.8 34.5 51.7



#24
Nitrobenzene
Concen: 42.965 ng
RT: 9.322 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 77 Resp: 1729424
Ion Ratio Lower Upper
77 100
123 46.9 38.6 58.0
65 12.5 10.5 15.7

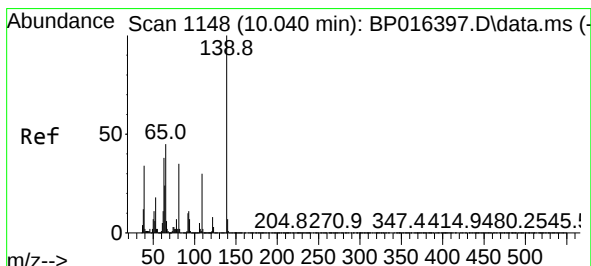
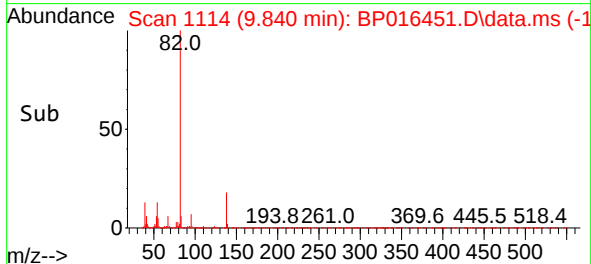
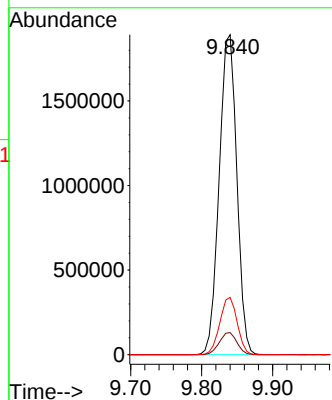
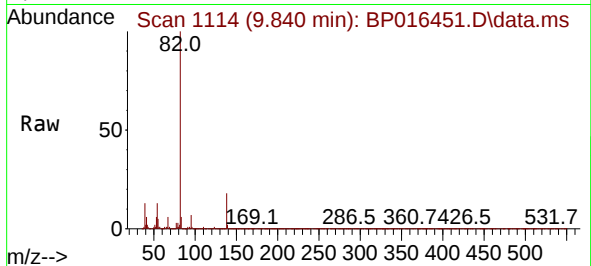




#25
Isophorone
Concen: 41.101 ng
RT: 9.840 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

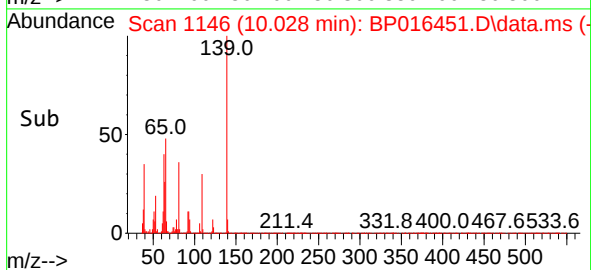
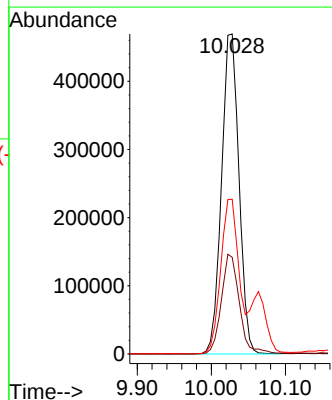
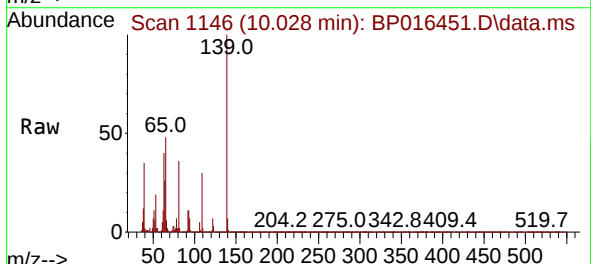
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

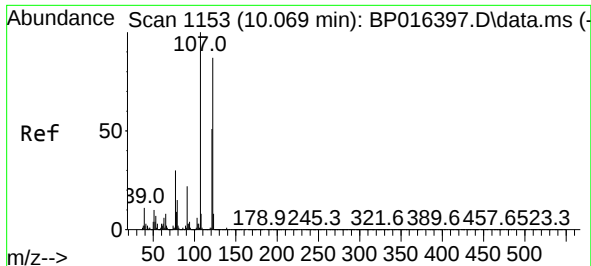
Tgt Ion: 82 Resp: 3252002
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.9 14.6 22.0



#26
2-Nitrophenol
Concen: 44.466 ng
RT: 10.028 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 139 Resp: 767154
Ion Ratio Lower Upper
139 100
109 30.2 24.2 36.4
65 48.4 35.8 53.6

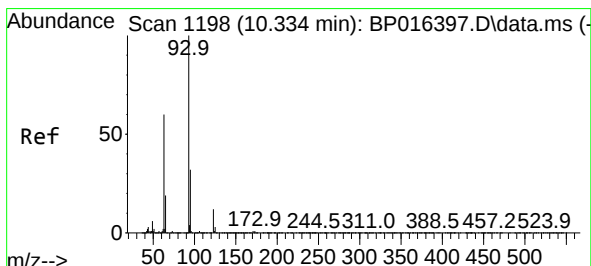
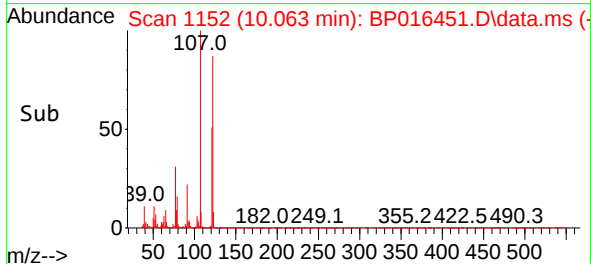
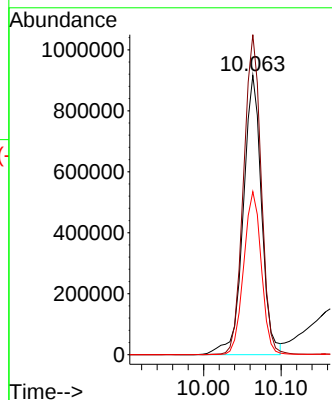
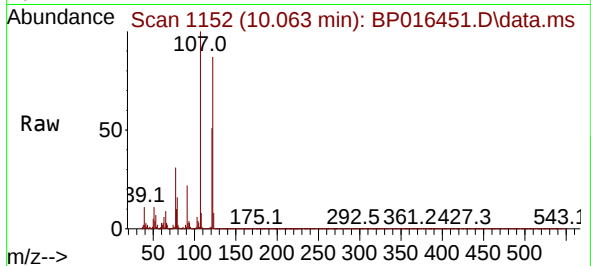




#27
2,4-Dimethylphenol
Concen: 42.515 ng
RT: 10.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

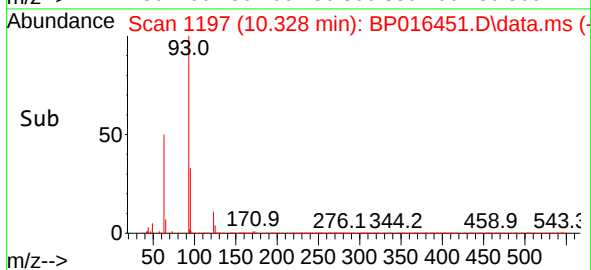
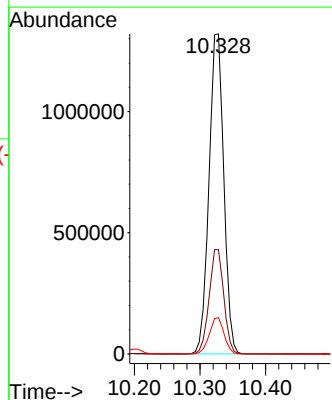
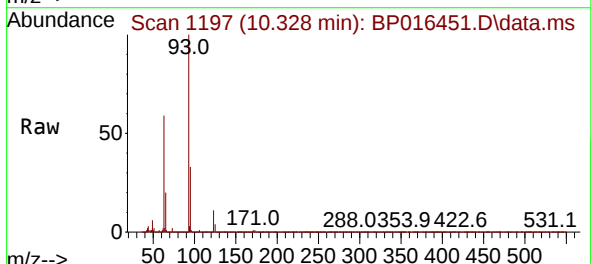
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

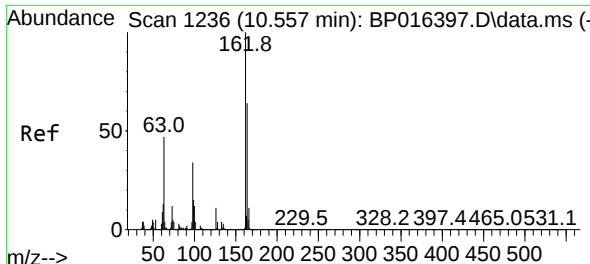
Tgt Ion:122 Resp: 1504910
Ion Ratio Lower Upper
122 100
107 114.6 91.9 137.9
121 58.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.704 ng
RT: 10.328 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 93 Resp: 2069677
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.335 ng

RT: 10.546 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

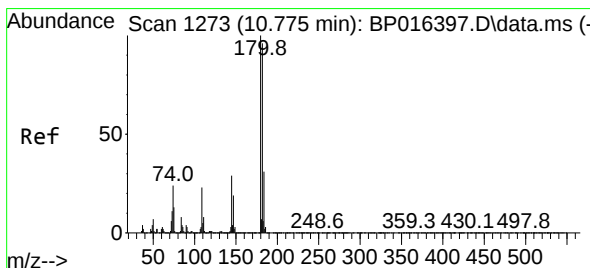
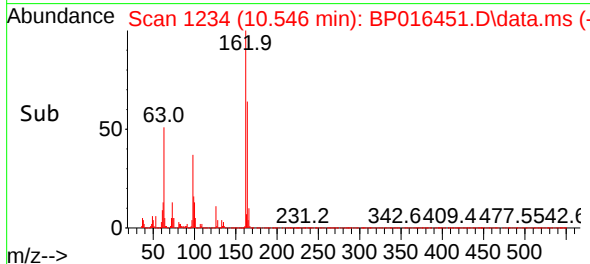
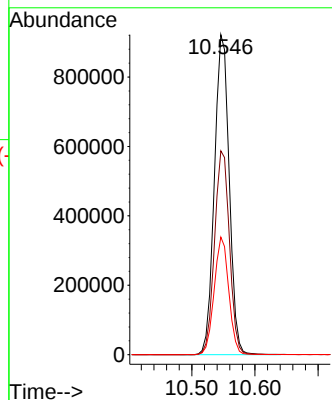
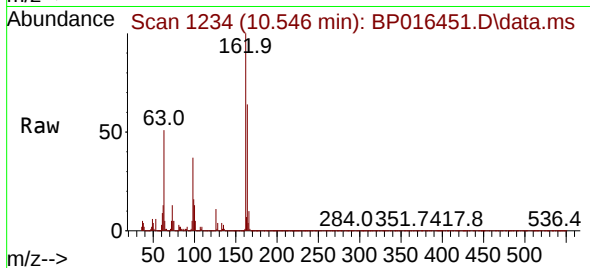
Tgt Ion:162 Resp: 1501809

Ion Ratio Lower Upper

162 100

164 63.7 44.2 84.2

98 36.7 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 42.438 ng

RT: 10.763 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

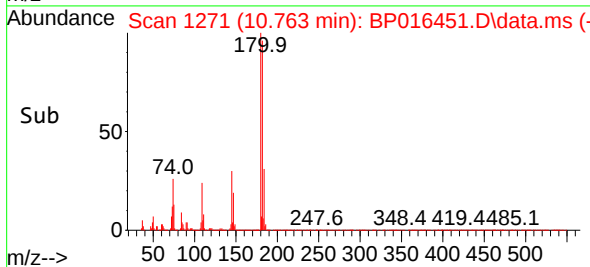
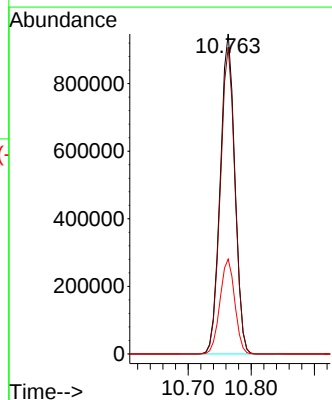
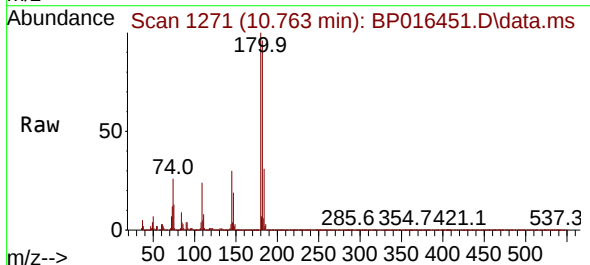
Tgt Ion:180 Resp: 1522689

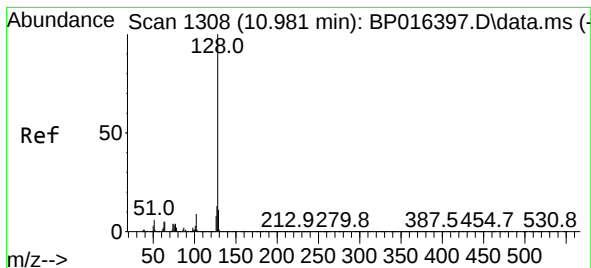
Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

145 29.7 22.9 34.3

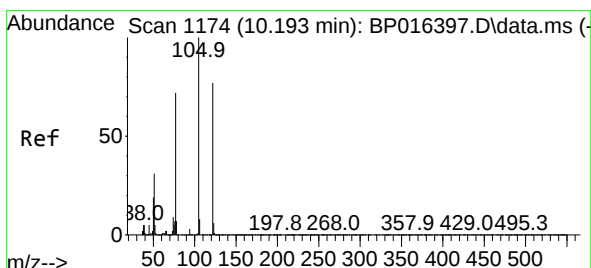
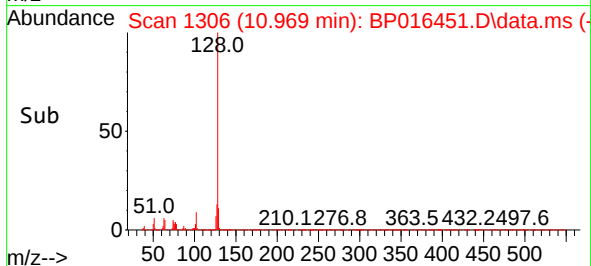
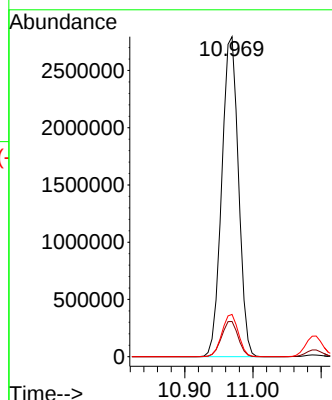
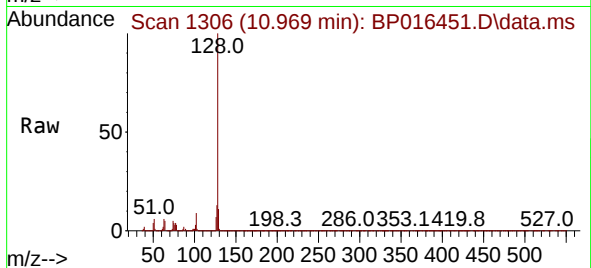




#31
Naphthalene
Concen: 41.512 ng
RT: 10.969 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

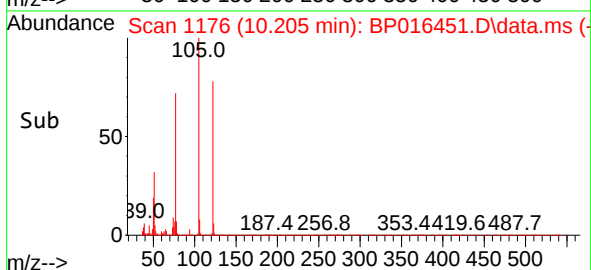
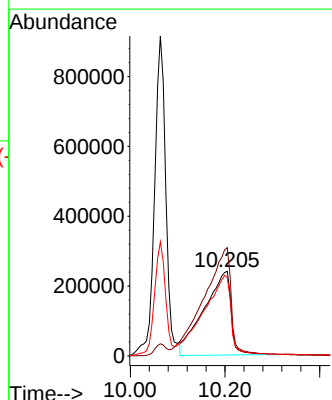
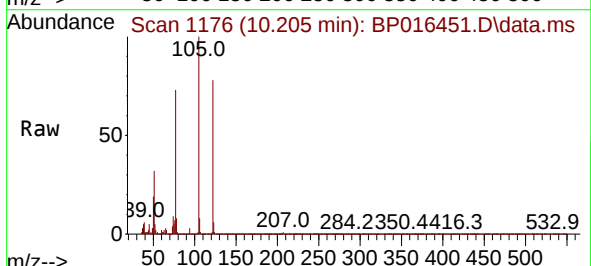
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

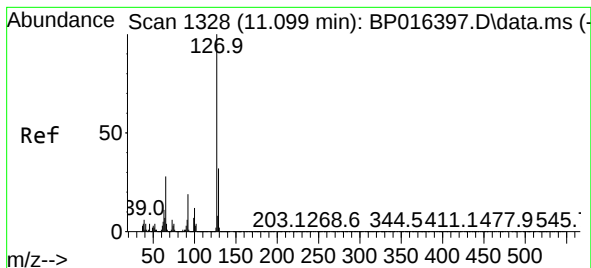
Tgt Ion:128 Resp: 4763537
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 41.995 ng
RT: 10.205 min Scan# 1176
Delta R.T. 0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:122 Resp: 954273
Ion Ratio Lower Upper
122 100
105 128.1 105.2 145.2
77 92.9 72.2 112.2





#33

4-Chloroaniline

Concen: 6.459 ng

RT: 11.093 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

Tgt Ion:127 Resp: 334318

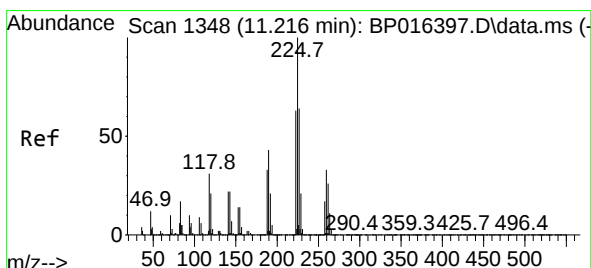
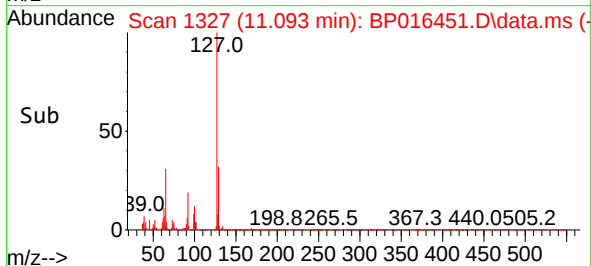
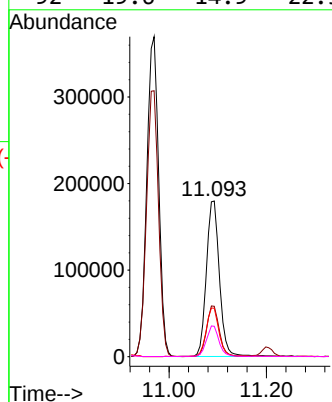
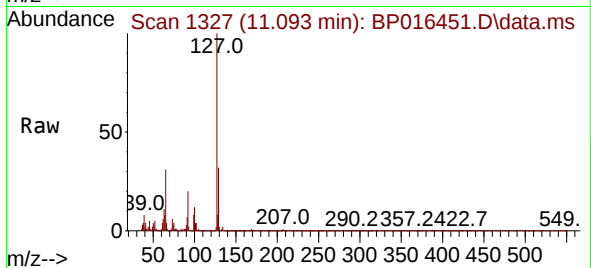
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 31.1 22.7 34.1

92 19.6 14.9 22.3



#34

Hexachlorobutadiene

Concen: 40.173 ng

RT: 11.205 min Scan# 1346

Delta R.T. -0.012 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

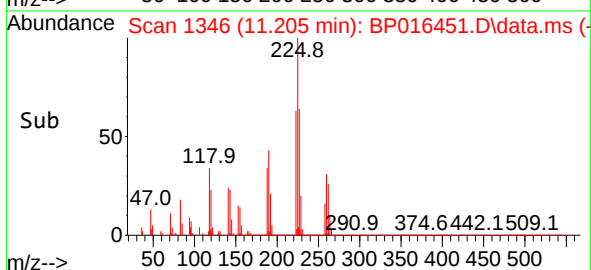
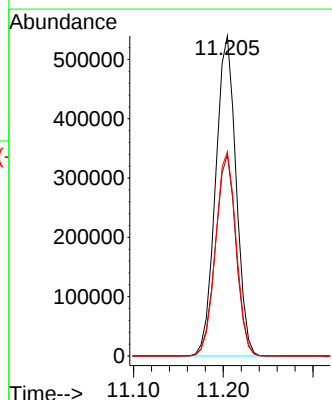
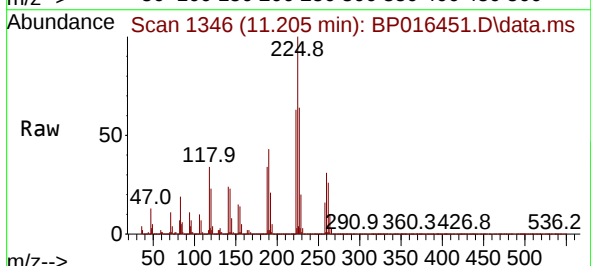
Tgt Ion:225 Resp: 853391

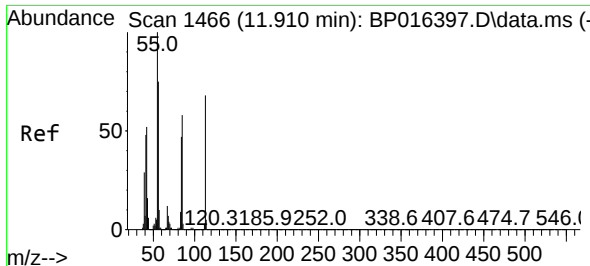
Ion Ratio Lower Upper

225 100

223 62.9 50.2 75.4

227 63.9 51.0 76.6

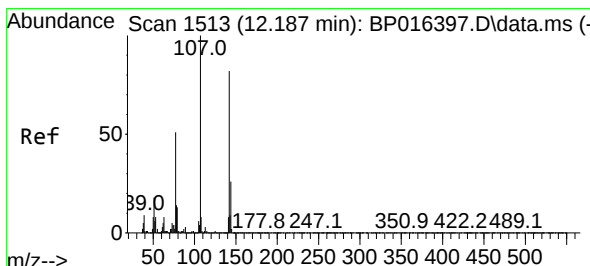
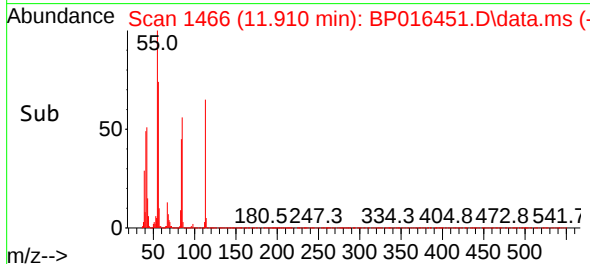
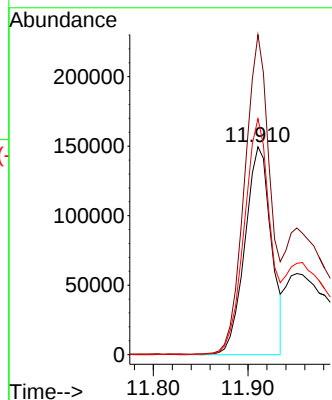
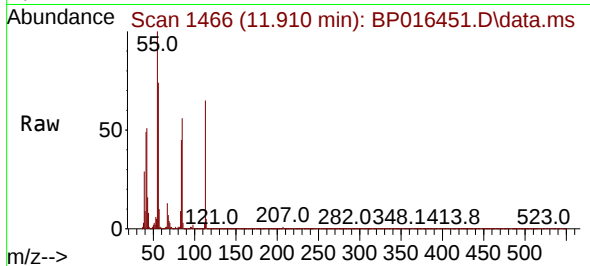




#35
Caprolactam
Concen: 23.901 ng
RT: 11.910 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

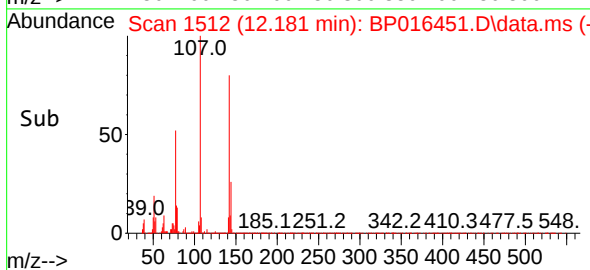
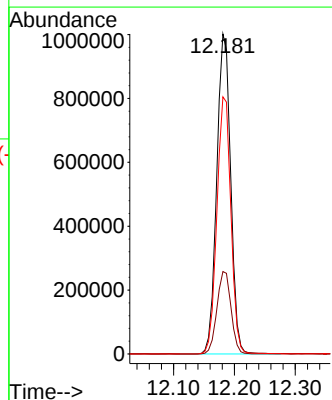
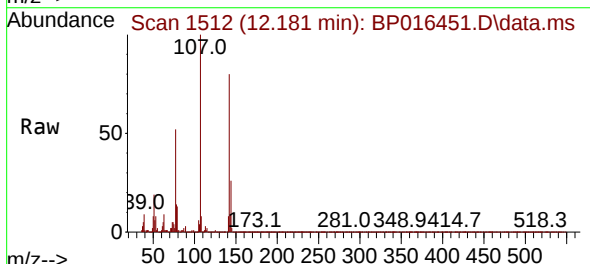
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

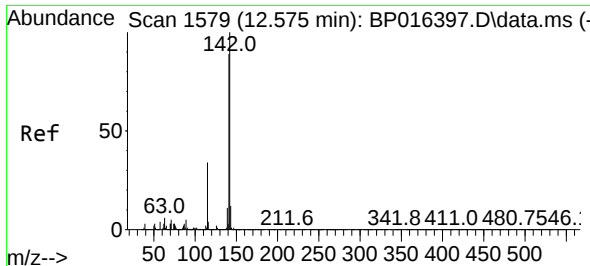
Tgt Ion:113 Resp: 289323
Ion Ratio Lower Upper
113 100
55 154.0 128.0 168.0
56 113.6 91.3 131.3



#36
4-Chloro-3-methylphenol
Concen: 43.130 ng
RT: 12.181 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:107 Resp: 1588189
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.6
142 80.4 65.6 98.4

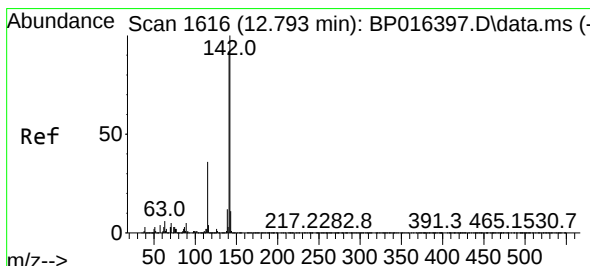
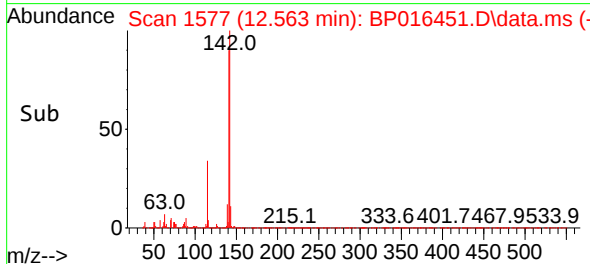
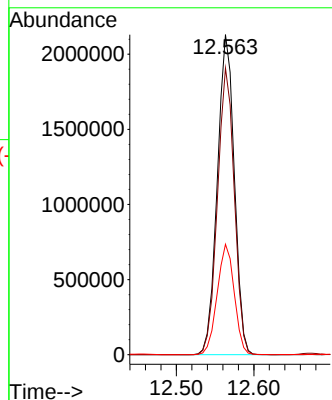
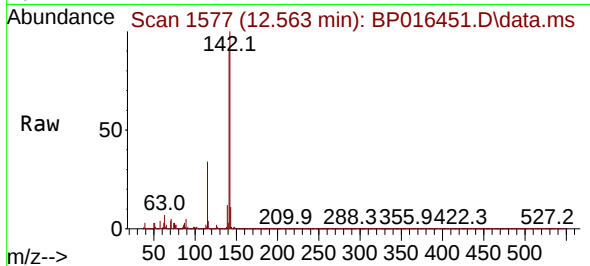




#37
2-Methylnaphthalene
Concen: 38.903 ng
RT: 12.563 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

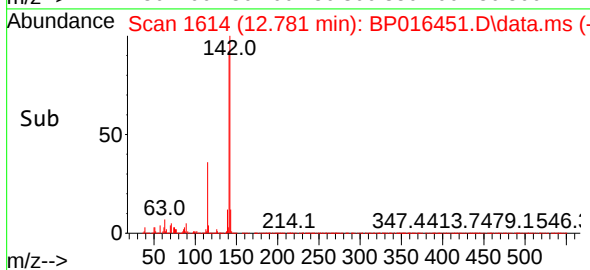
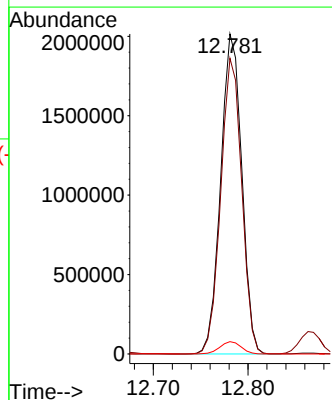
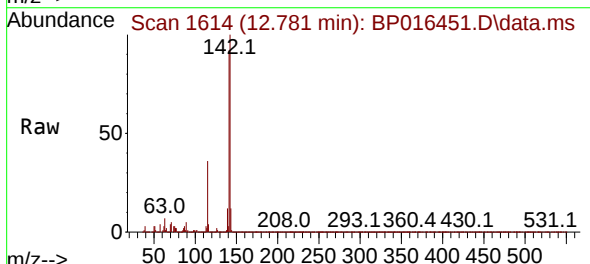
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

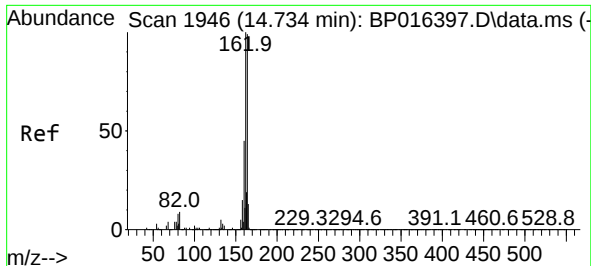
Tgt Ion:142 Resp: 3243109
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2
115 34.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 39.910 ng
RT: 12.781 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:142 Resp: 3119168
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6
116 3.8 2.9 4.3

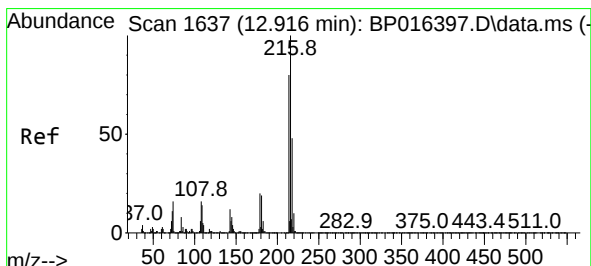
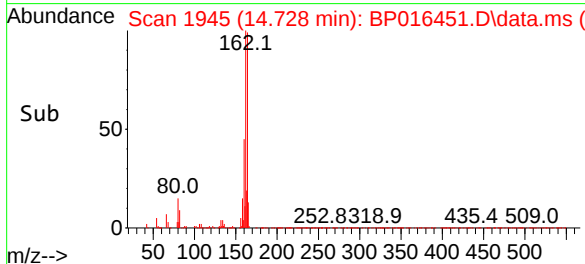
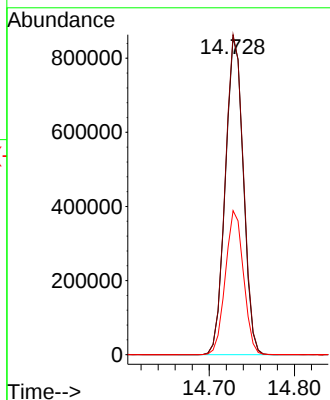
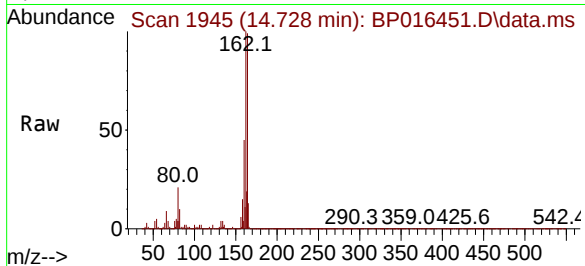




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

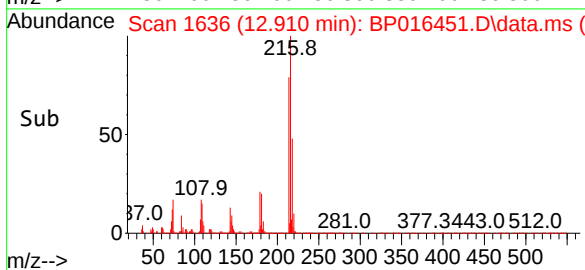
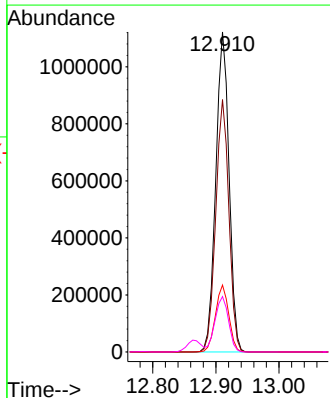
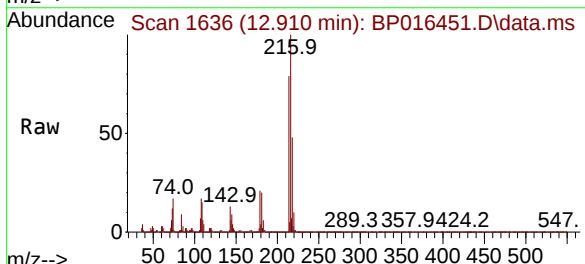
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

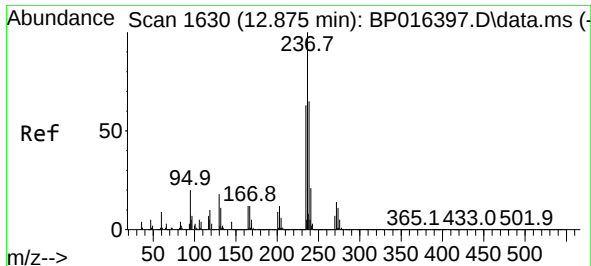
Tgt Ion:164 Resp: 1253531
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.6
160 45.4 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.935 ng
RT: 12.910 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:216 Resp: 1635566
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 21.0 16.0 24.0
108 17.7 12.6 19.0

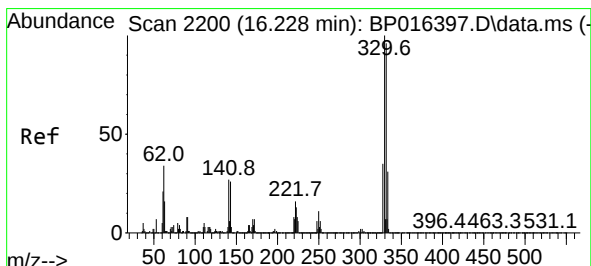
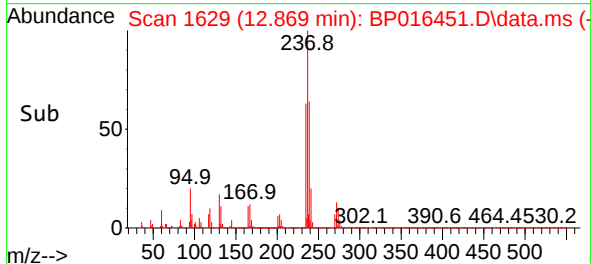
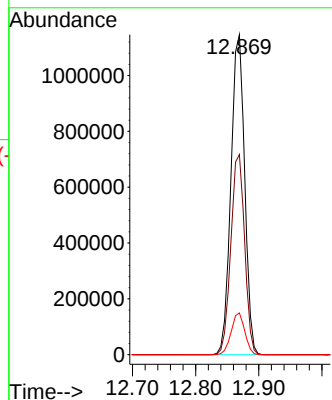
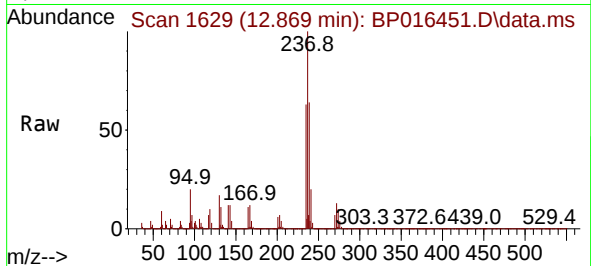




#41
Hexachlorocyclopentadiene
Concen: 90.243 ng
RT: 12.869 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

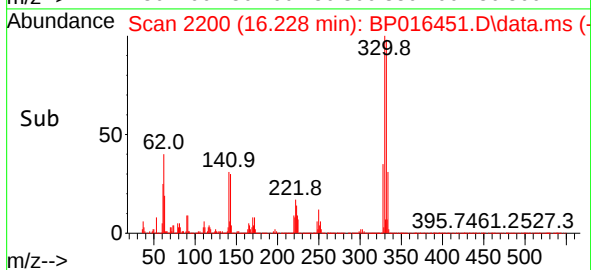
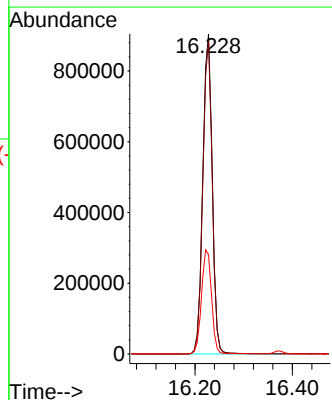
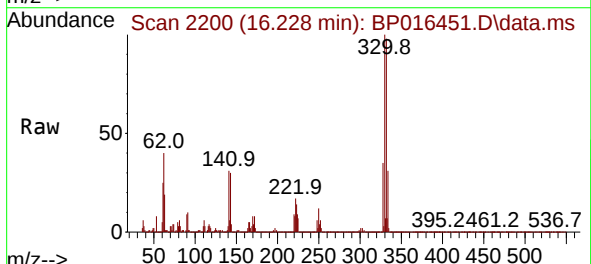
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

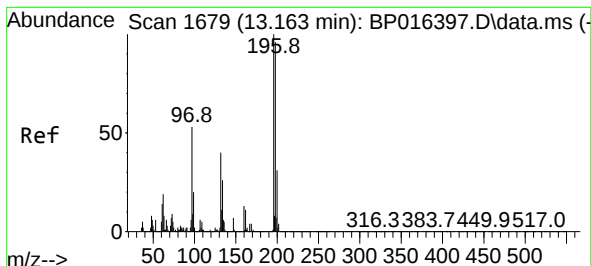
Tgt Ion:237 Resp: 1726542
Ion Ratio Lower Upper
237 100
235 62.6 42.7 82.7
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 66.276 ng
RT: 16.228 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:330 Resp: 1222215
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 34.4 22.6 34.0#





#43

2,4,6-Trichlorophenol

Concen: 45.876 ng

RT: 13.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

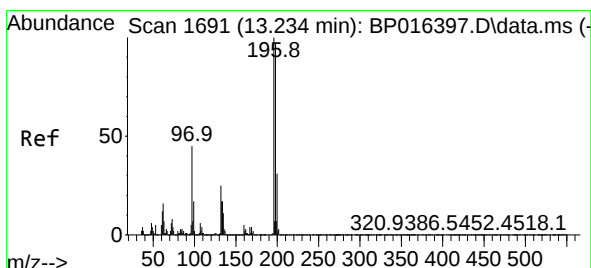
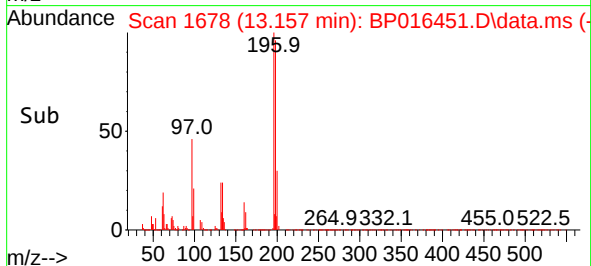
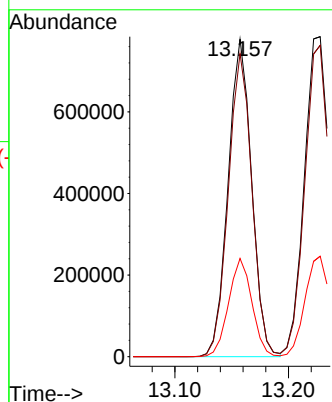
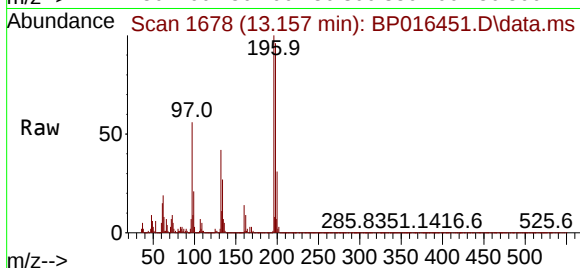
Tgt Ion:196 Resp: 1121322

Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.4

200 31.0 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.071 ng

RT: 13.228 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Tgt Ion:196 Resp: 1217941

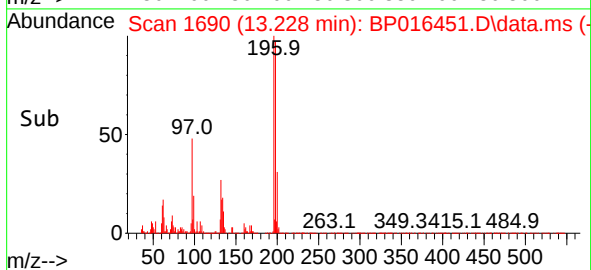
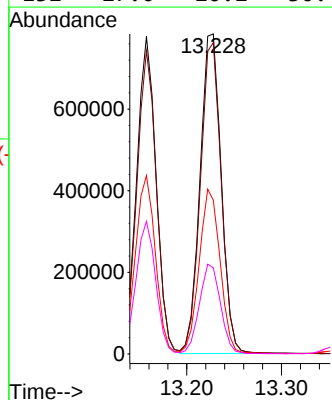
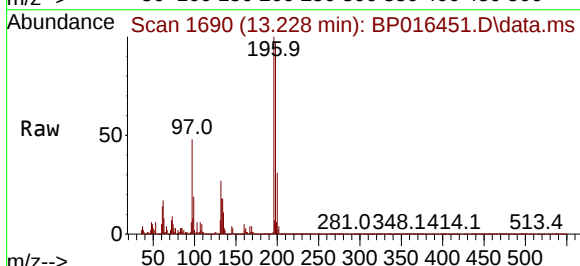
Ion Ratio Lower Upper

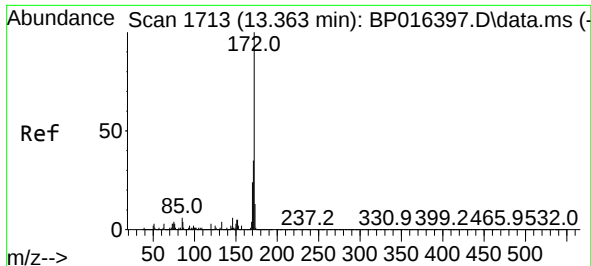
196 100

198 97.3 77.3 115.9

97 48.0 36.2 54.4

132 27.0 20.2 30.4

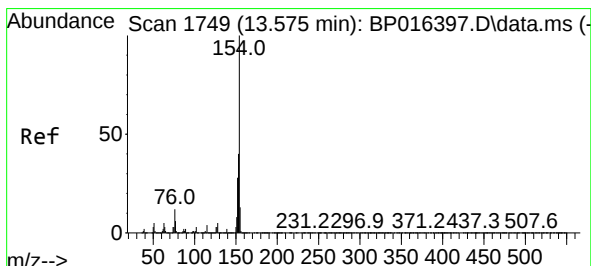
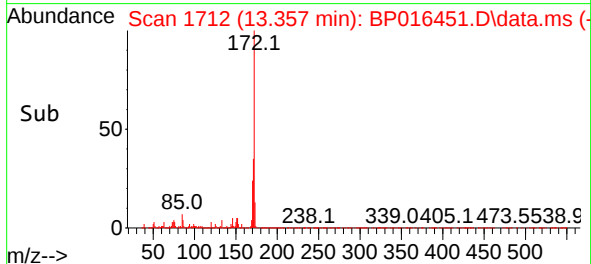
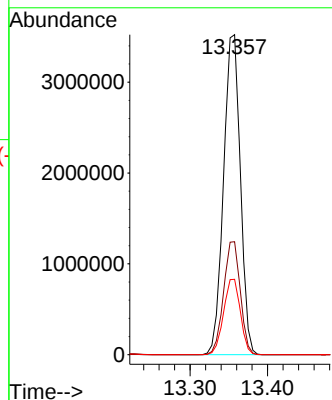
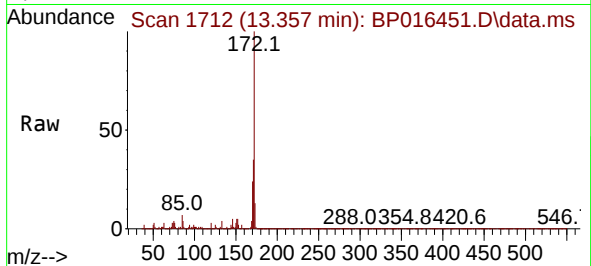




#45
2-Fluorobiphenyl
Concen: 60.654 ng
RT: 13.357 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

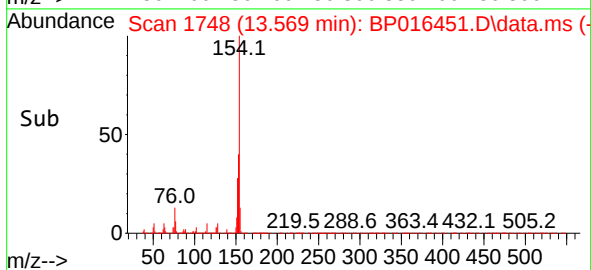
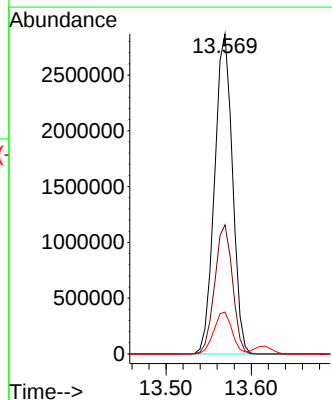
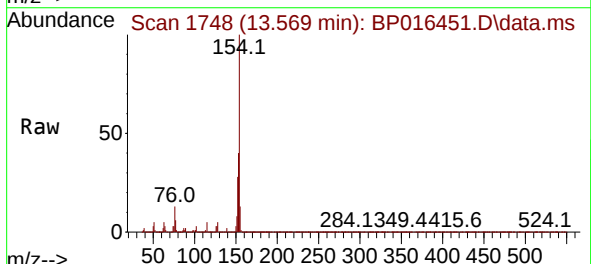
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

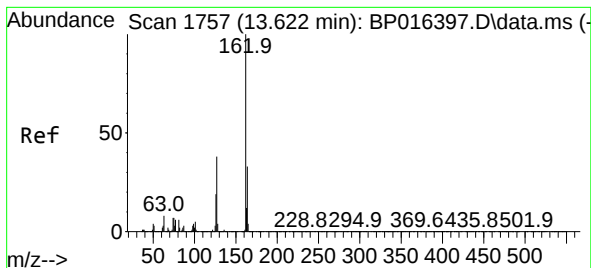
Tgt Ion:172 Resp: 5303279
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.722 ng
RT: 13.569 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:154 Resp: 4177814
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 13.1 0.0 32.5

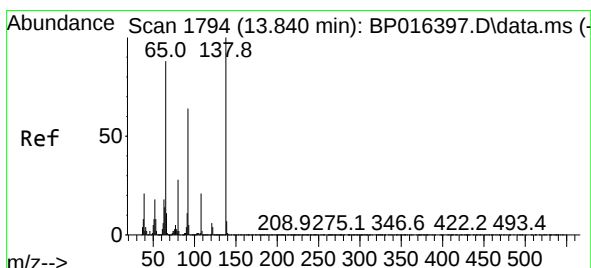
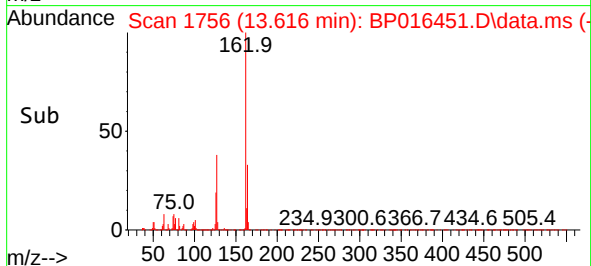
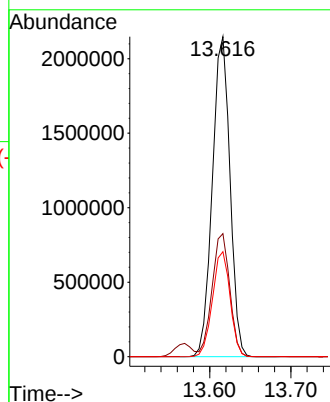
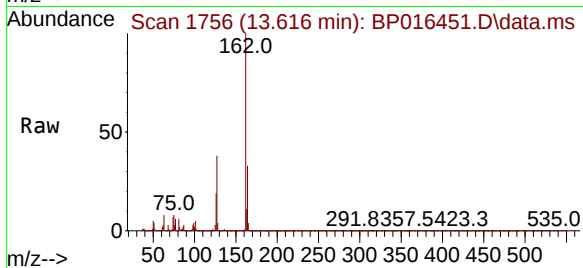




#47
2-Chloronaphthalene
Concen: 44.876 ng
RT: 13.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

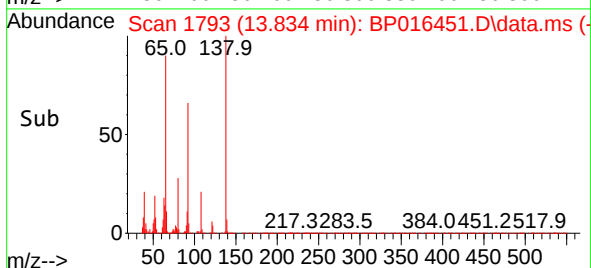
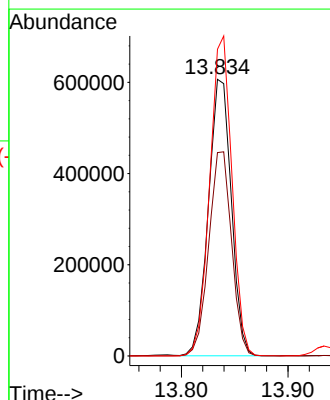
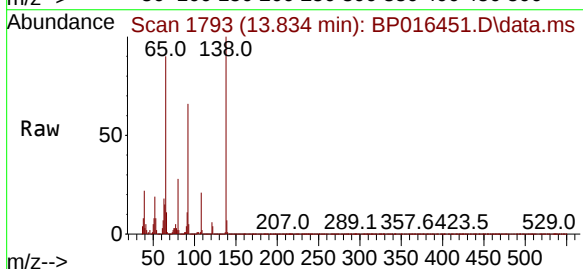
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

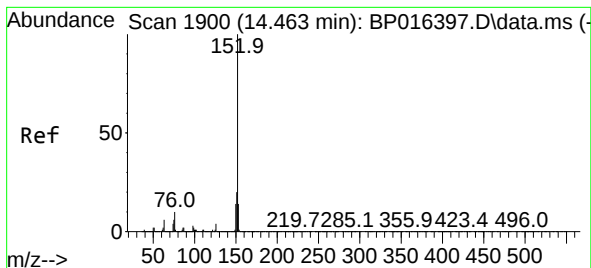
Tgt Ion:162 Resp: 3235130
Ion Ratio Lower Upper
162 100
127 38.5 30.1 45.1
164 32.8 26.6 39.8



#48
2-Nitroaniline
Concen: 44.551 ng
RT: 13.834 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 65 Resp: 905298
Ion Ratio Lower Upper
65 100
92 73.5 58.2 87.4
138 110.9 91.3 136.9





#49

Acenaphthylene

Concen: 43.791 ng

RT: 14.457 min Scan# 1899

Delta R.T. -0.006 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

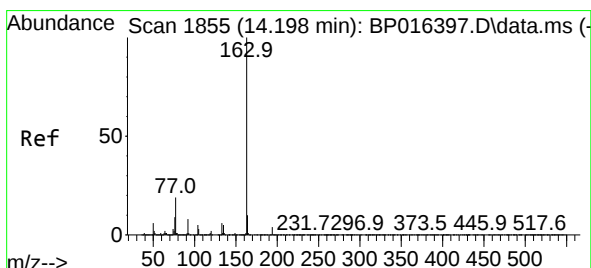
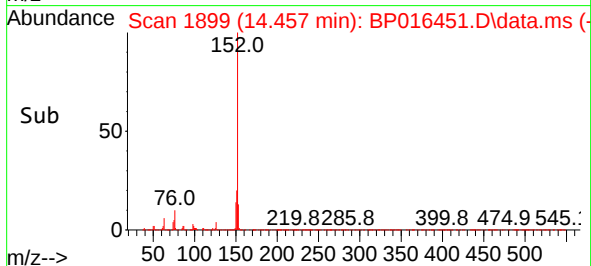
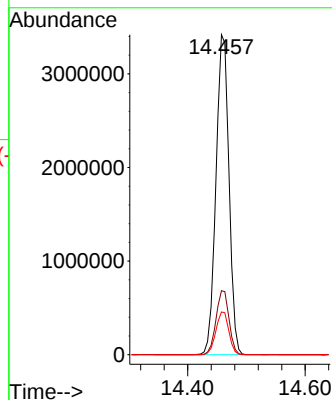
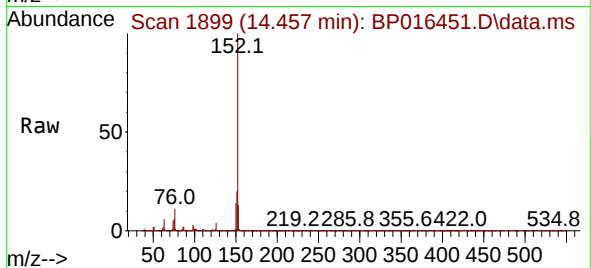
Tgt Ion:152 Resp: 5237863

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 49.863 ng

RT: 14.193 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

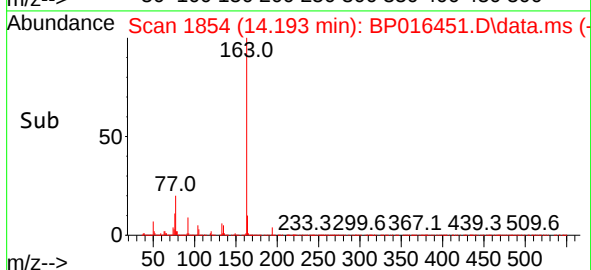
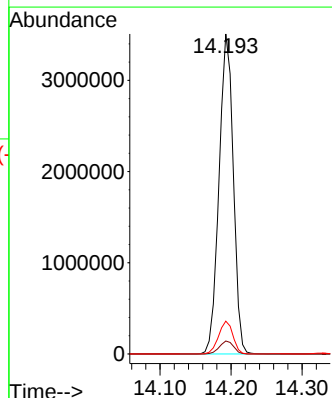
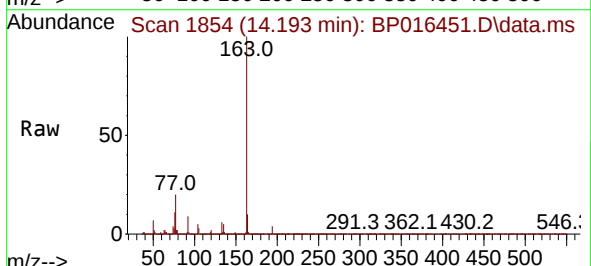
Tgt Ion:163 Resp: 4870762

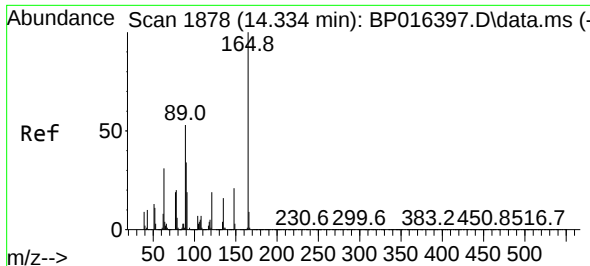
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.3 8.2 12.2

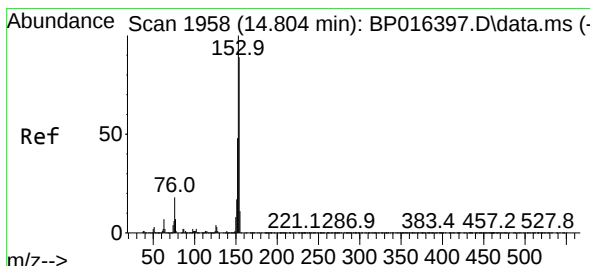
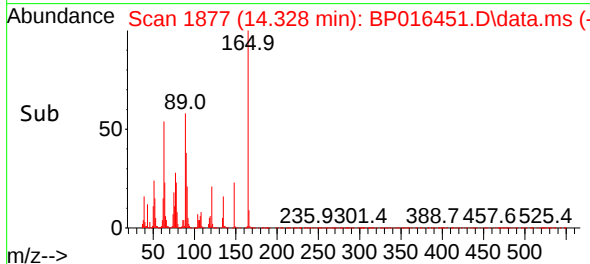
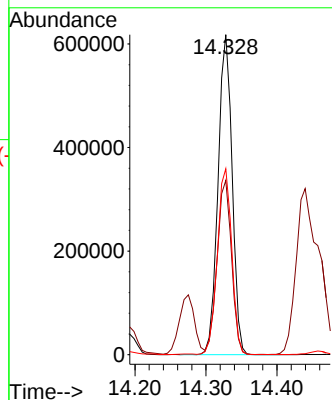
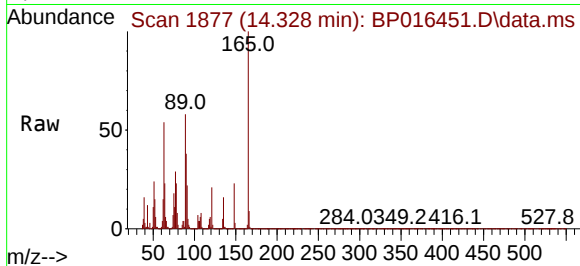




#51
2,6-Dinitrotoluene
Concen: 42.349 ng
RT: 14.328 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

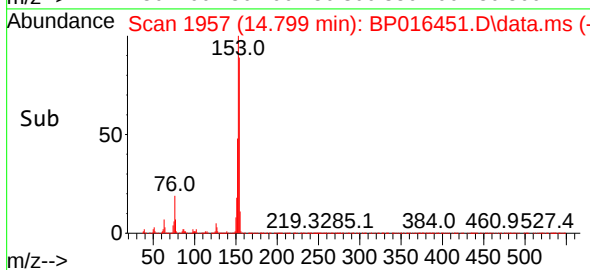
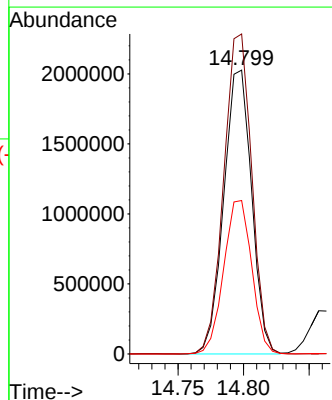
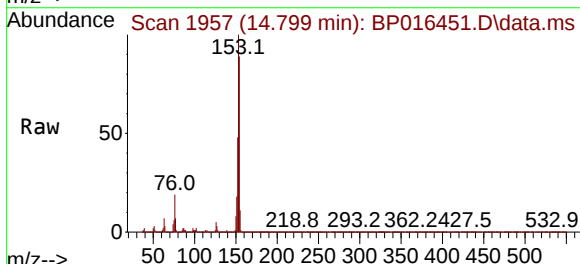
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

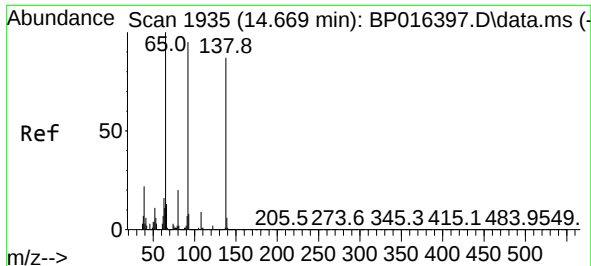
Tgt Ion:165 Resp: 847475
Ion Ratio Lower Upper
165 100
63 54.4 39.1 58.7
89 58.1 42.5 63.7



#52
Acenaphthene
Concen: 42.095 ng
RT: 14.799 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:154 Resp: 2994092
Ion Ratio Lower Upper
154 100
153 112.7 90.4 135.6
152 54.1 43.4 65.0

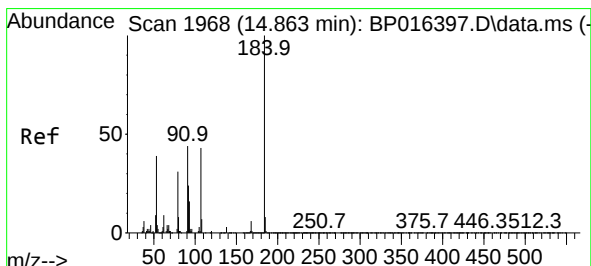
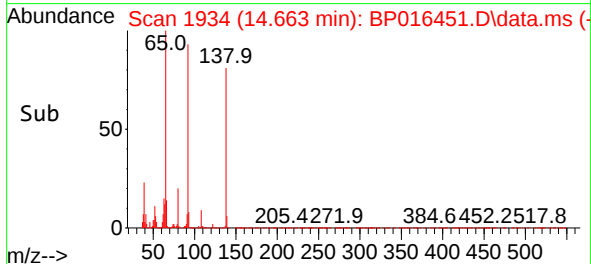
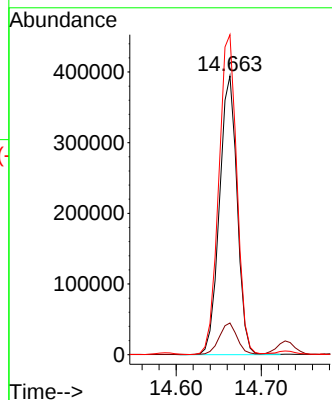
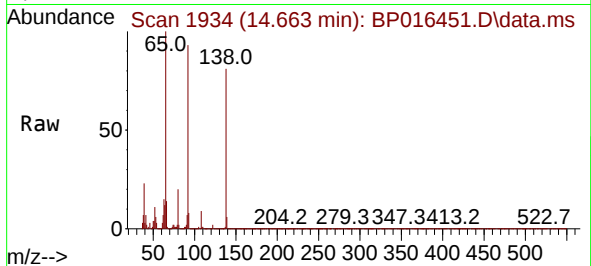




#53
3-Nitroaniline
Concen: 25.128 ng
RT: 14.663 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

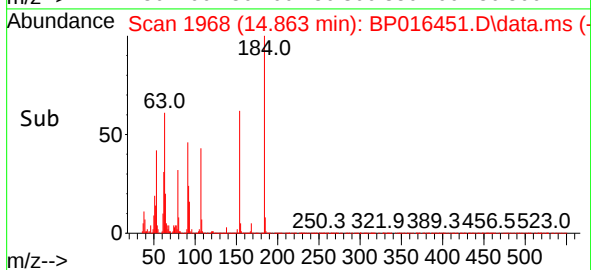
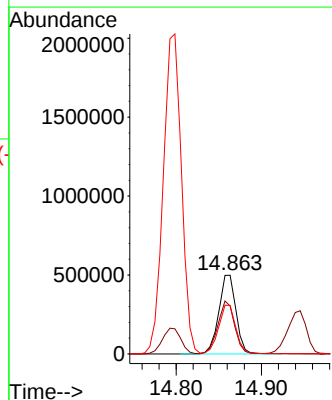
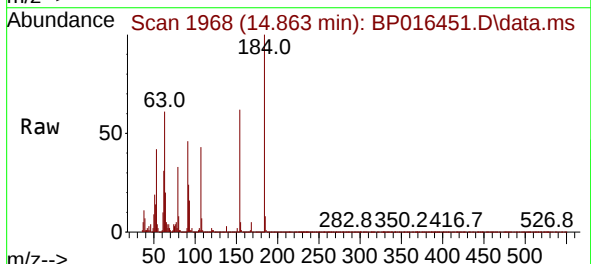
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

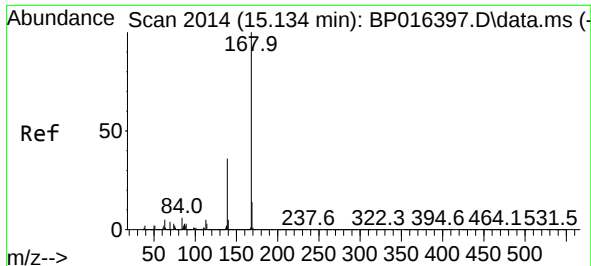
Tgt Ion:138 Resp: 568494
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 114.8 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 75.248 ng
RT: 14.863 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:184 Resp: 699512
Ion Ratio Lower Upper
184 100
63 60.9 48.2 72.4
154 61.6 49.6 74.4

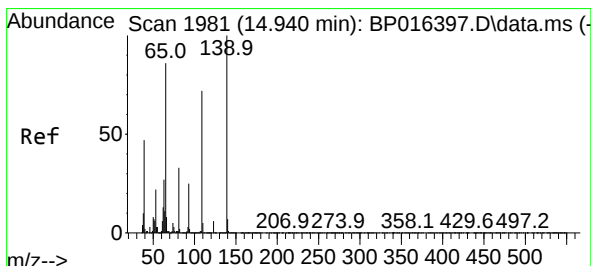
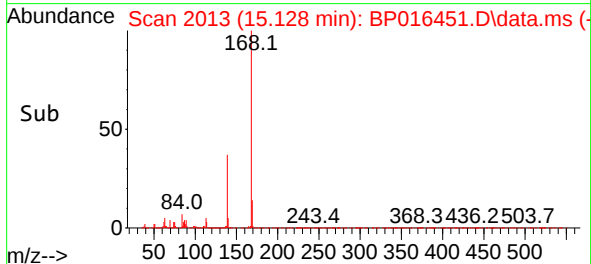
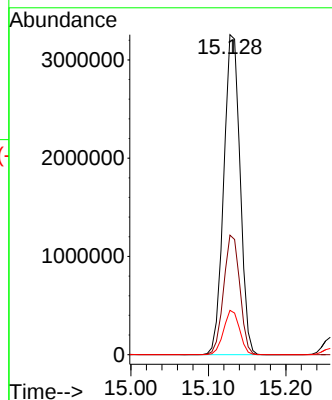
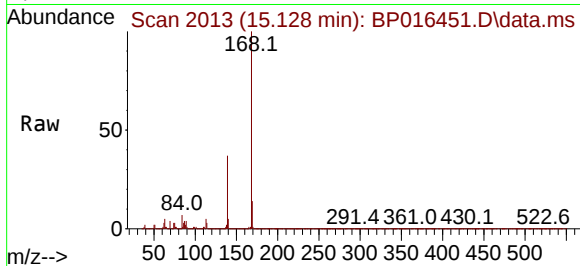




#55
Dibenzofuran
Concen: 40.903 ng
RT: 15.128 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

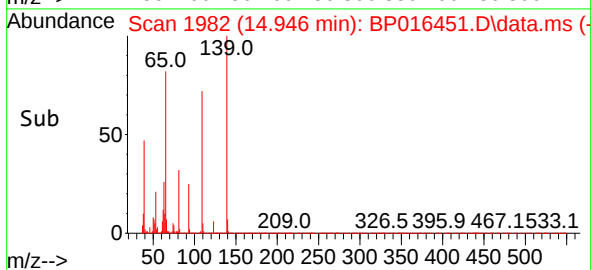
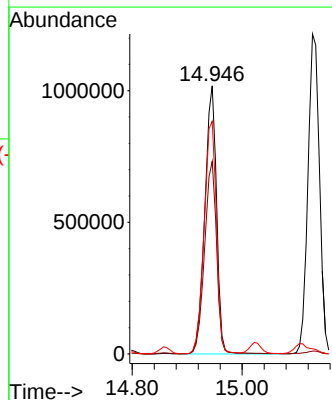
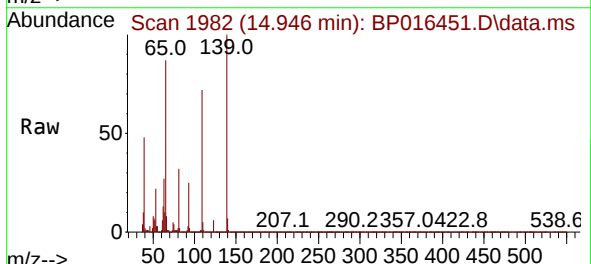
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

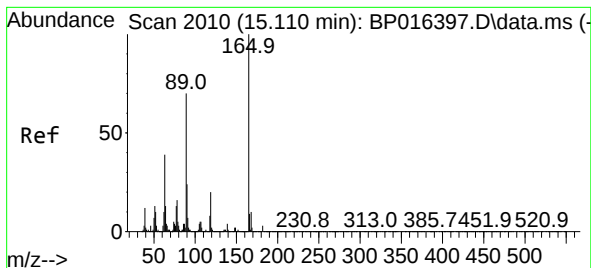
Tgt Ion:168 Resp: 4771487
Ion Ratio Lower Upper
168 100
139 37.3 28.9 43.3
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 85.005 ng
RT: 14.946 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:139 Resp: 1505450
Ion Ratio Lower Upper
139 100
109 71.8 51.9 91.9
65 86.7 66.2 106.2

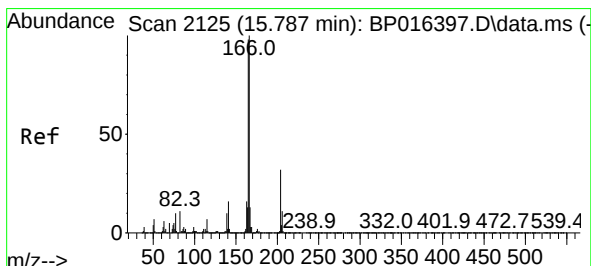
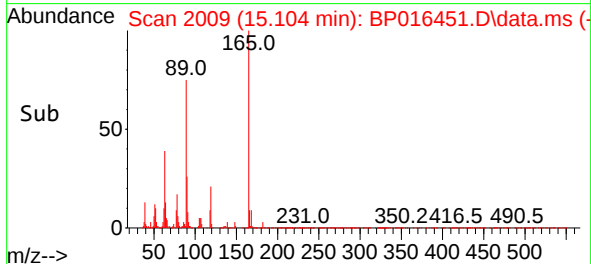
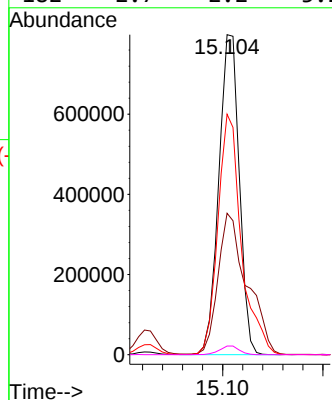
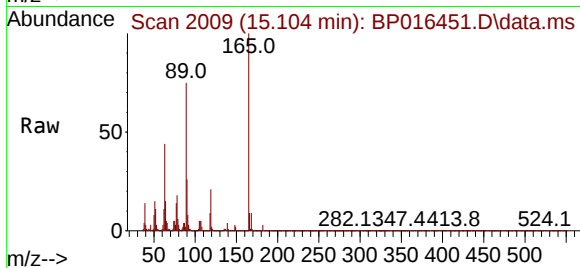




#57
2,4-Dinitrotoluene
Concen: 43.383 ng
RT: 15.104 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

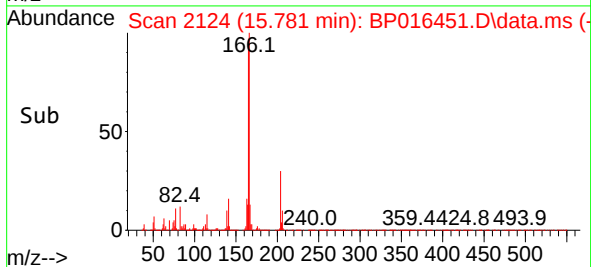
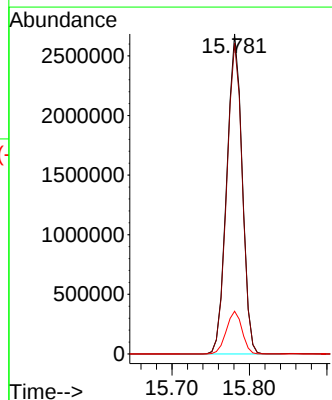
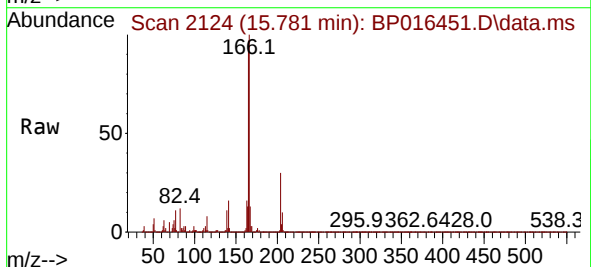
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

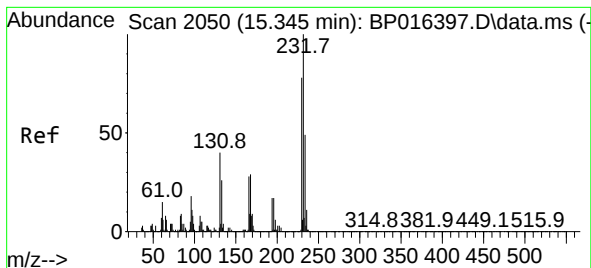
Tgt Ion:165 Resp: 1131444
Ion Ratio Lower Upper
165 100
63 44.2 31.4 47.0
89 75.2 55.8 83.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.512 ng
RT: 15.781 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:166 Resp: 3712753
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.3 10.6 16.0

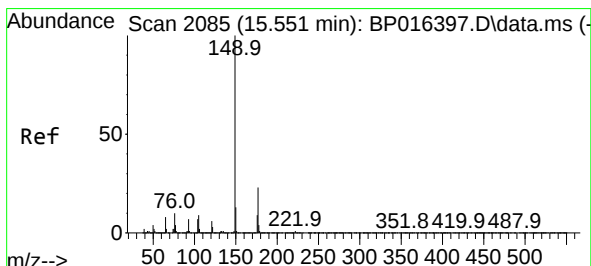
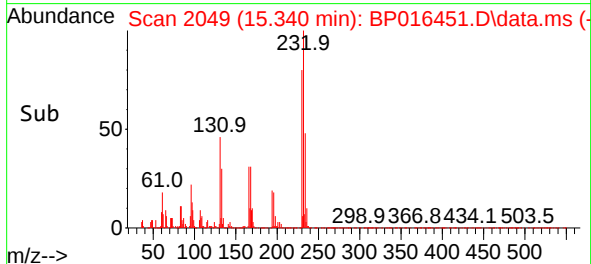
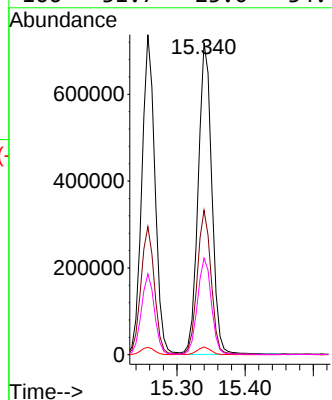
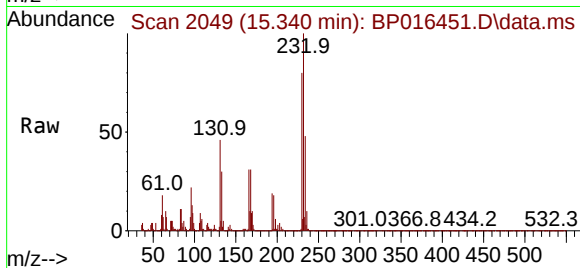




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.938 ng
RT: 15.340 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

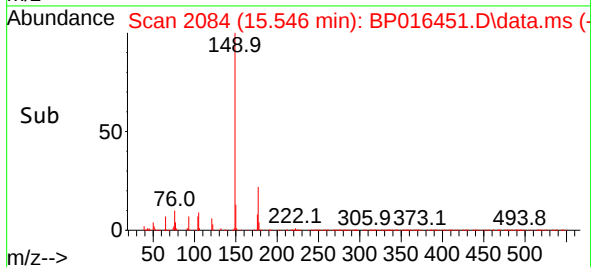
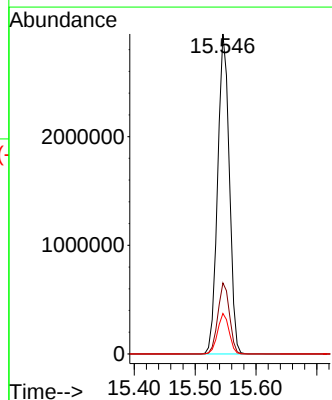
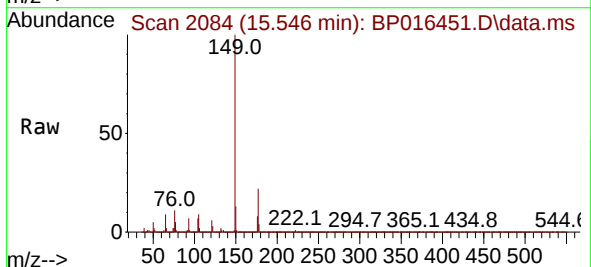
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

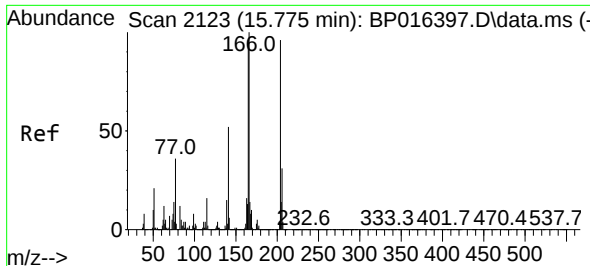
Tgt Ion:232 Resp: 998645
Ion Ratio Lower Upper
232 100
131 46.7 33.1 49.7
130 2.4 1.8 2.8
166 31.7 23.0 34.4



#60
Diethylphthalate
Concen: 40.211 ng
RT: 15.546 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:149 Resp: 3903534
Ion Ratio Lower Upper
149 100
177 22.2 18.6 27.8
150 12.6 10.1 15.1

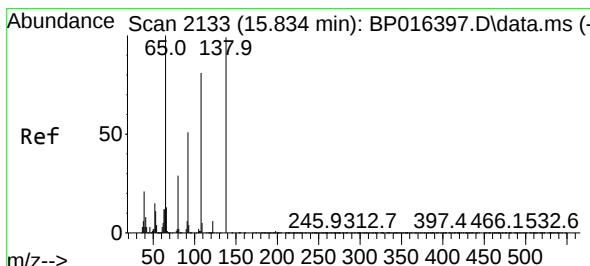
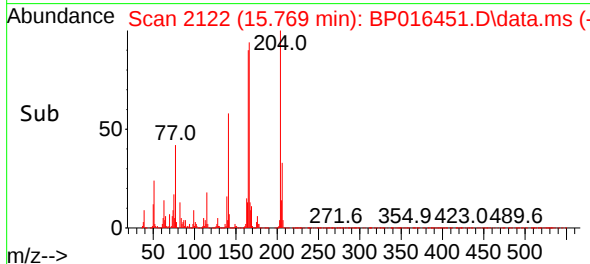
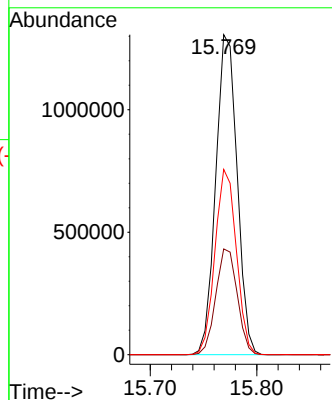
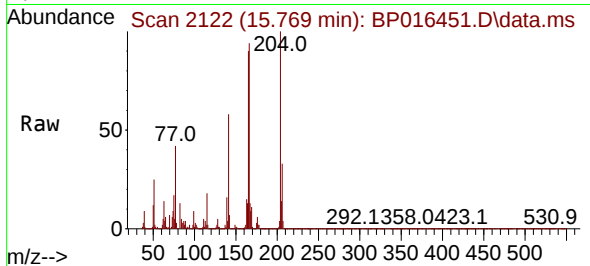




#61
4-Chlorophenyl-phenylether
Concen: 39.323 ng
RT: 15.769 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

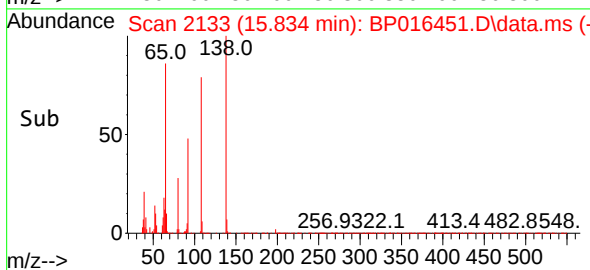
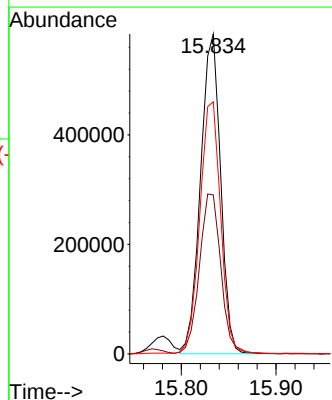
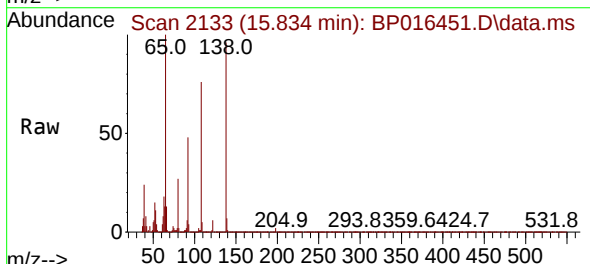
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

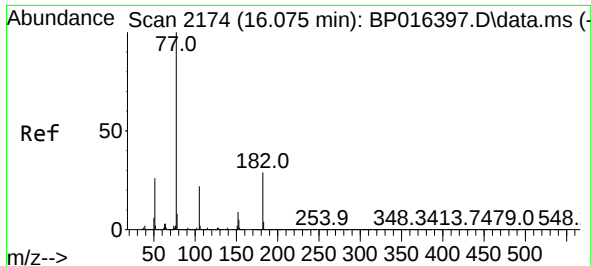
Tgt Ion:204 Resp: 1818599
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 57.9 43.4 65.0



#62
4-Nitroaniline
Concen: 38.152 ng
RT: 15.834 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:138 Resp: 856613
Ion Ratio Lower Upper
138 100
92 49.7 30.3 70.3
108 78.8 60.1 100.1



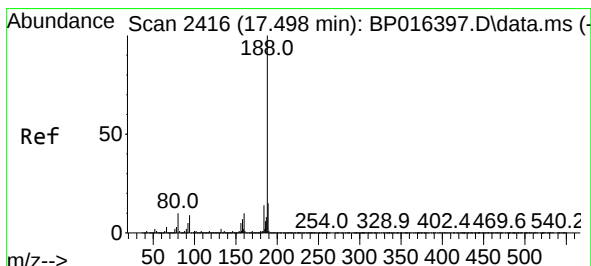
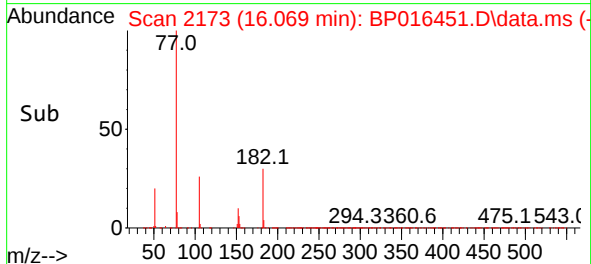
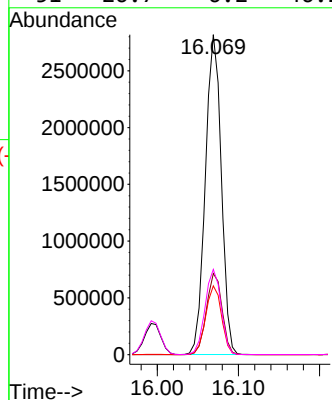
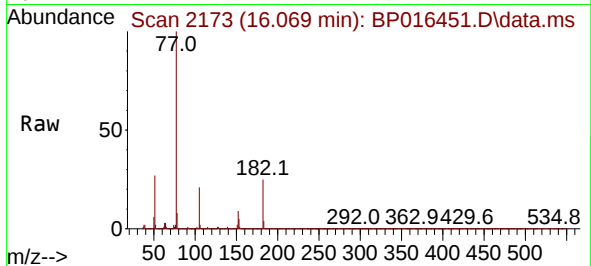


#63
Azobenzene
Concen: 41.727 ng
RT: 16.069 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

Tgt Ion: 77 Resp: 3824804

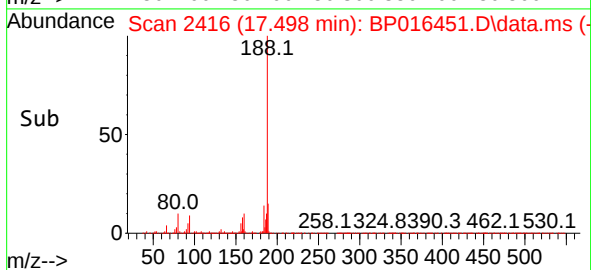
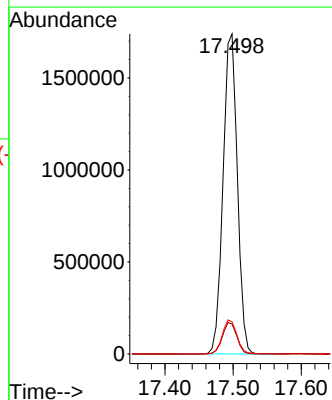
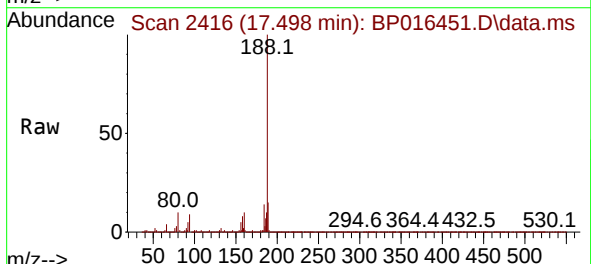
Ion	Ratio	Lower	Upper
77	100		
182	25.3	8.6	48.6
105	21.5	2.4	42.4
51	26.7	6.2	46.2

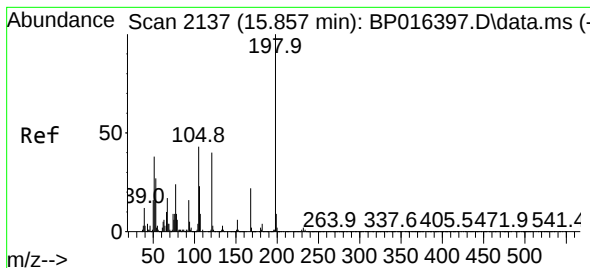


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion: 188 Resp: 2530611

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.0
80	10.1	7.8	11.8

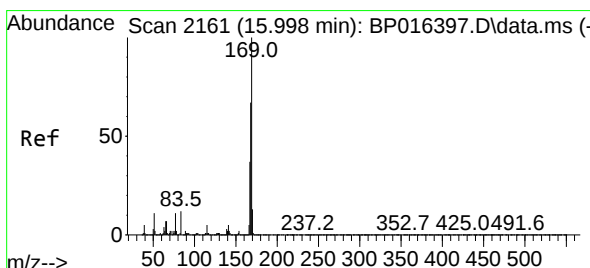
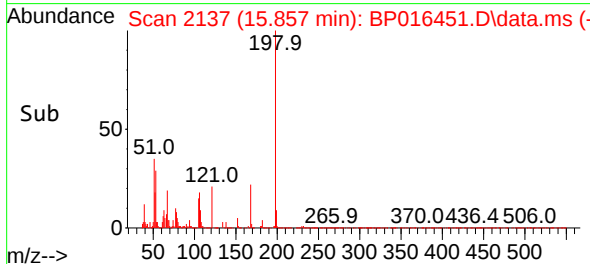
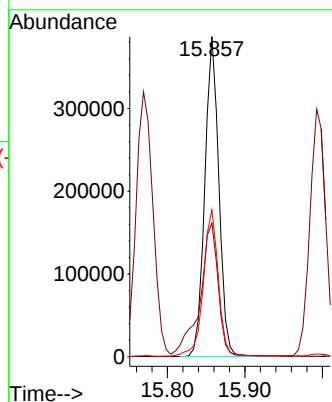
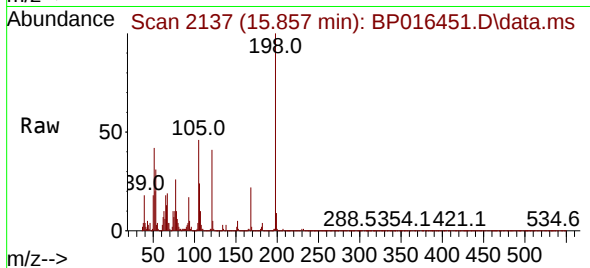




#65
4,6-Dinitro-2-methylphenol
Concen: 42.012 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

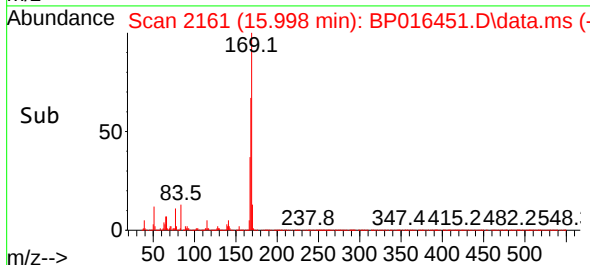
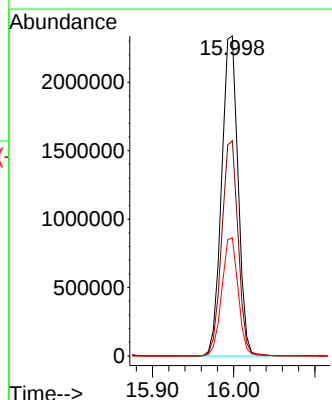
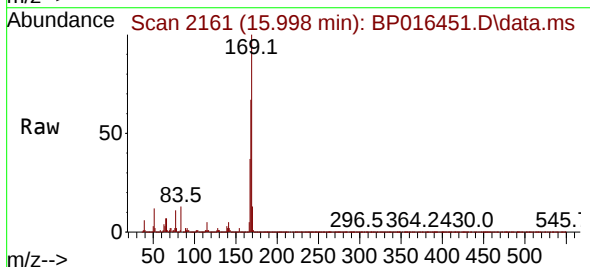
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

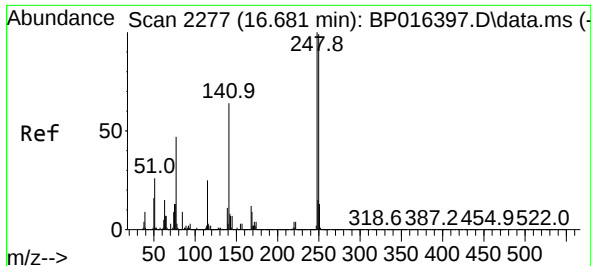
Tgt Ion:198 Resp: 487093
Ion Ratio Lower Upper
198 100
51 41.7 20.1 60.1
105 45.8 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 44.088 ng
RT: 15.998 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:169 Resp: 3288032
Ion Ratio Lower Upper
169 100
168 67.3 53.6 80.4
167 36.9 29.2 43.8

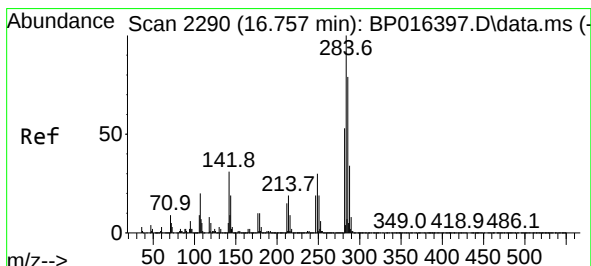
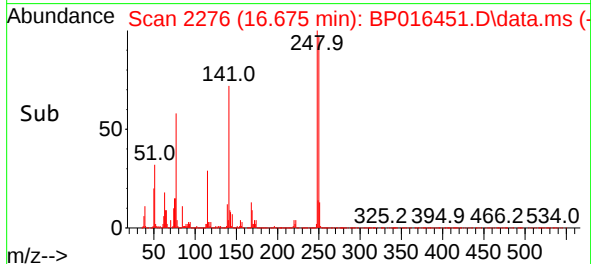
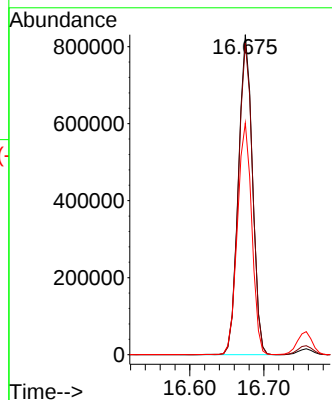
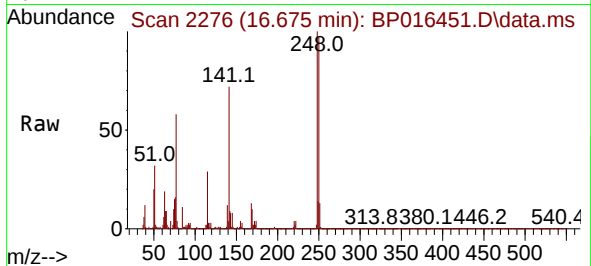




#67
4-Bromophenyl-phenylether
Concen: 40.884 ng
RT: 16.675 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

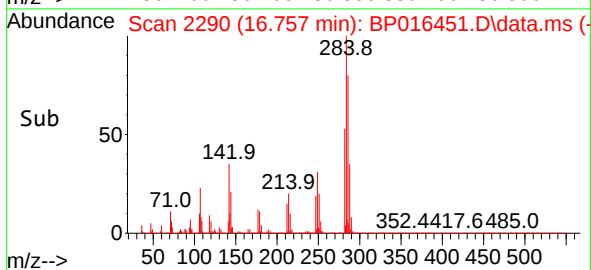
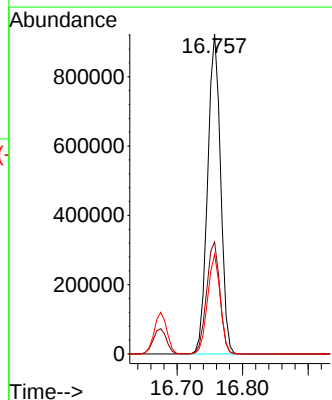
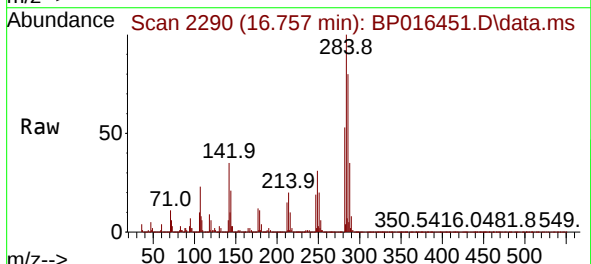
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

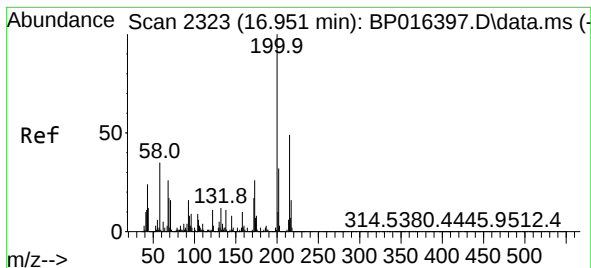
Tgt Ion:248 Resp: 1095527
Ion Ratio Lower Upper
248 100
250 97.3 78.9 118.3
141 72.4 51.0 76.4



#68
Hexachlorobenzene
Concen: 42.489 ng
RT: 16.757 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:284 Resp: 1269663
Ion Ratio Lower Upper
284 100
142 35.0 25.2 37.8
249 31.1 26.0 39.0





#69

Atrazine

Concen: 49.956 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

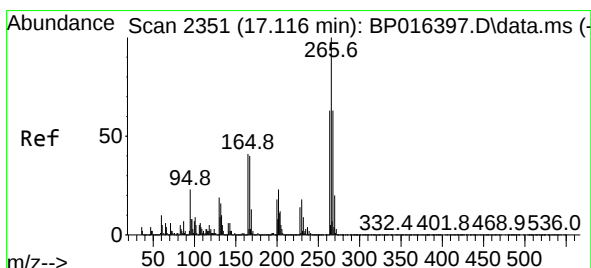
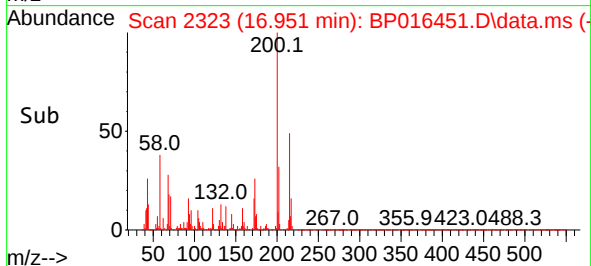
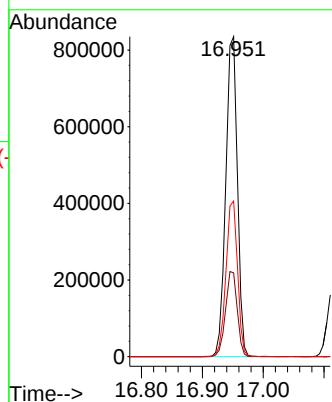
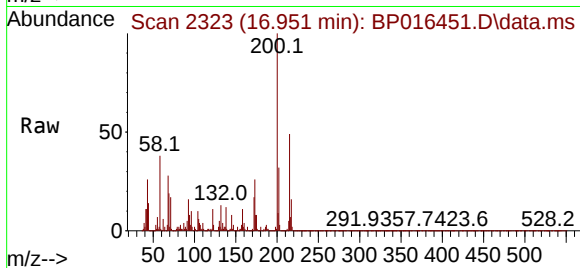
Tgt Ion:200 Resp: 1108017

Ion Ratio Lower Upper

200 100

173 26.2 5.8 45.8

215 48.7 29.2 69.2



#70

Pentachlorophenol

Concen: 67.108 ng

RT: 17.116 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

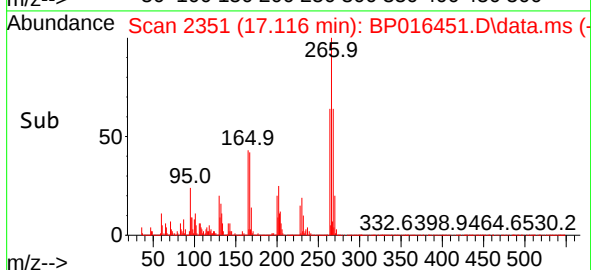
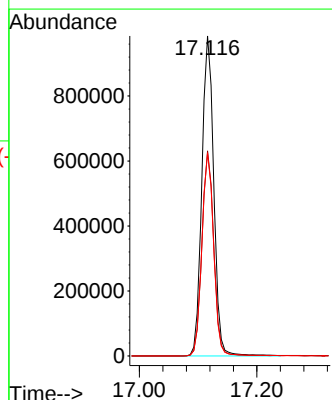
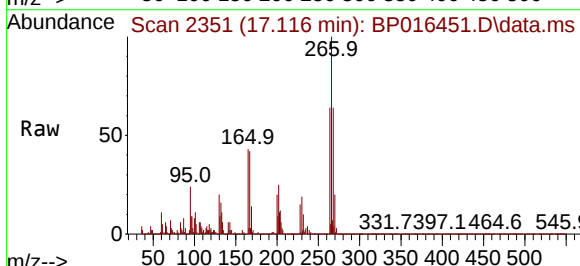
Tgt Ion:266 Resp: 1387729

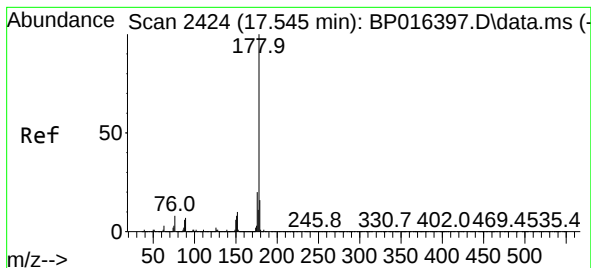
Ion Ratio Lower Upper

266 100

268 64.1 53.9 80.9

264 63.5 54.9 82.3





#71

Phenanthrene

Concen: 42.450 ng

RT: 17.540 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

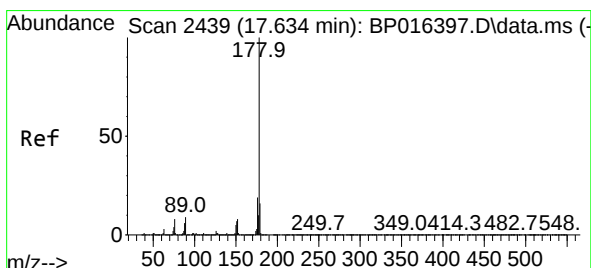
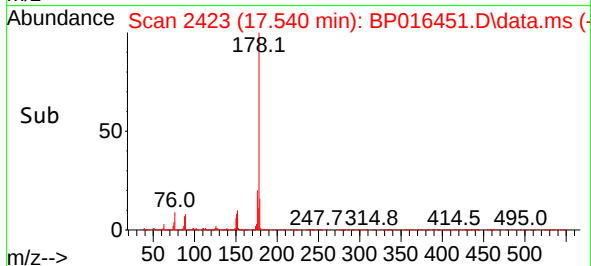
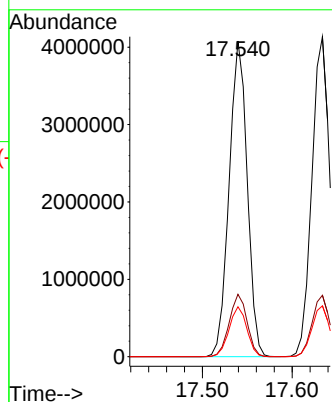
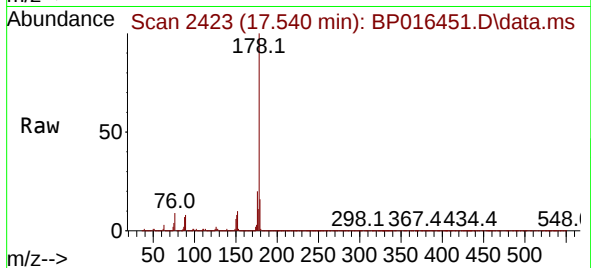
Tgt Ion:178 Resp: 5704133

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.8 12.4 18.6



#72

Anthracene

Concen: 42.587 ng

RT: 17.634 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

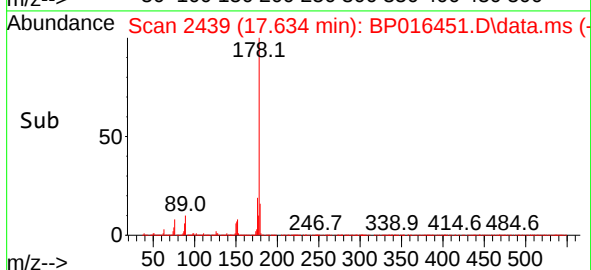
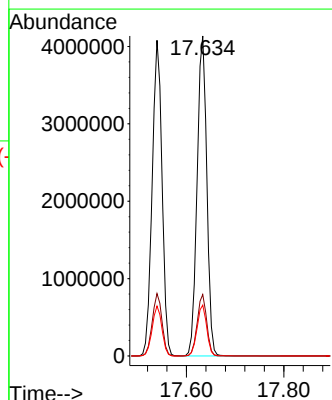
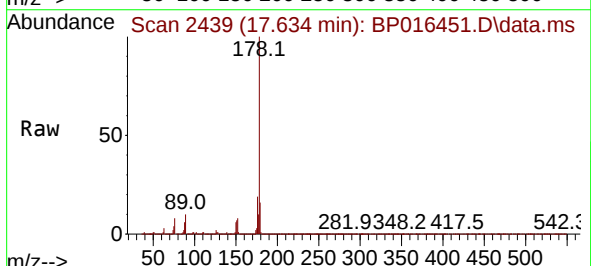
Tgt Ion:178 Resp: 5754220

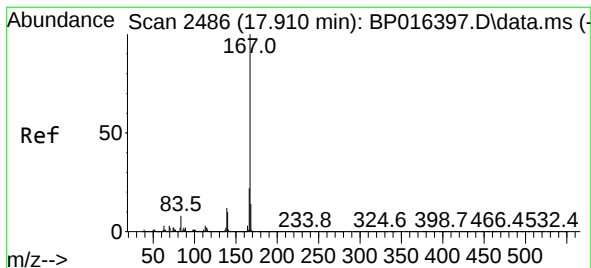
Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.9 12.6 19.0





#73

Carbazole

Concen: 41.654 ng

RT: 17.910 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

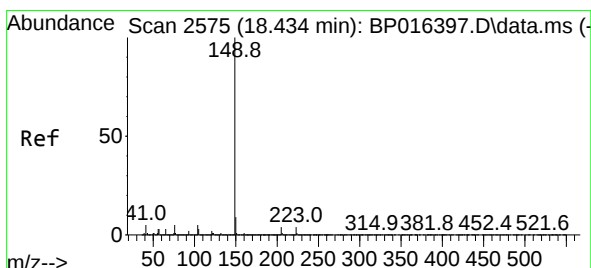
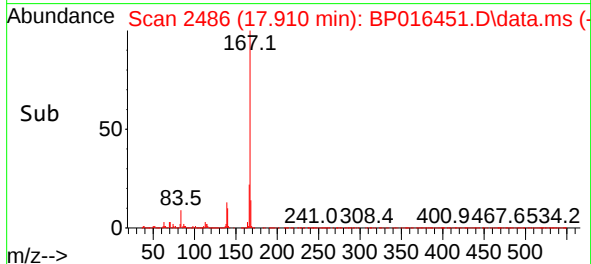
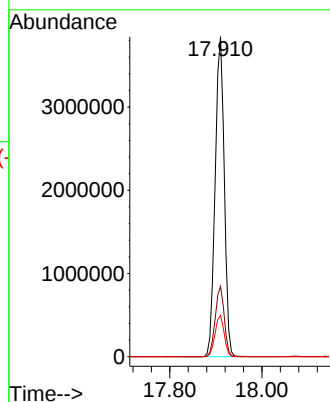
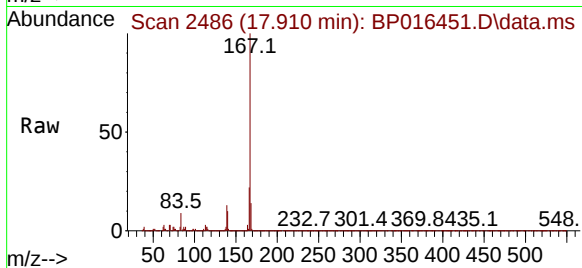
BNA_P

ClientSampleId :

B-P39BMSD

Tgt Ion:167 Resp: 5276736

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	12.9	9.9	14.9



#74

Di-n-butylphthalate

Concen: 44.611 ng

RT: 18.428 min Scan# 2574

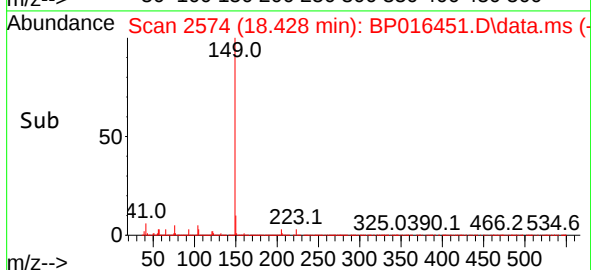
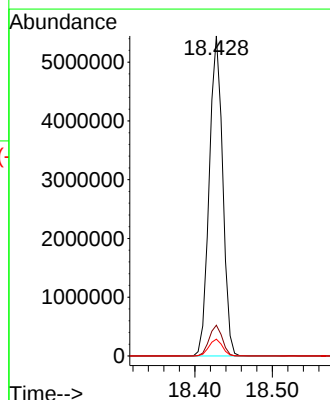
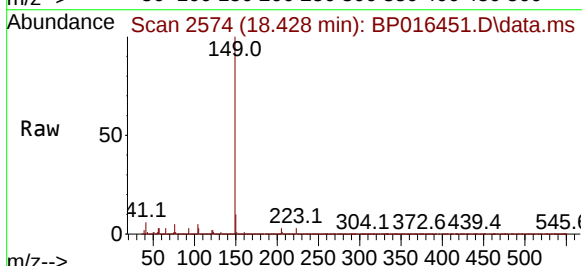
Delta R.T. -0.006 min

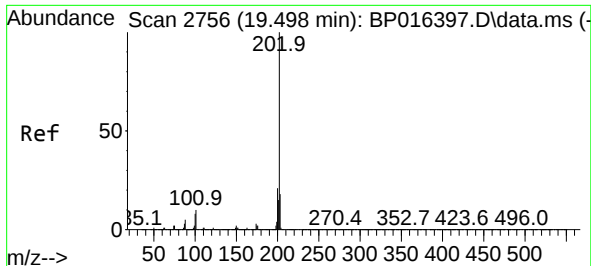
Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Tgt Ion:149 Resp: 6538174

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	5.3	3.8	5.8

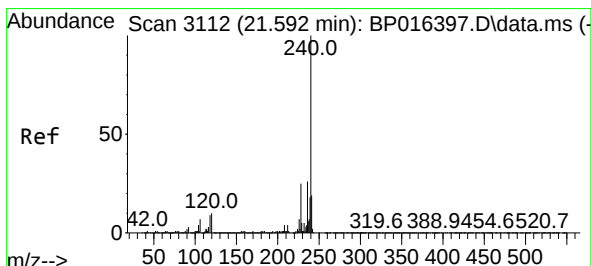
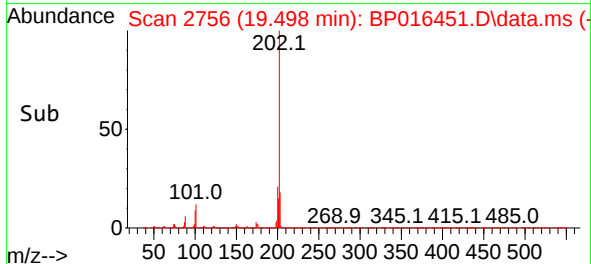
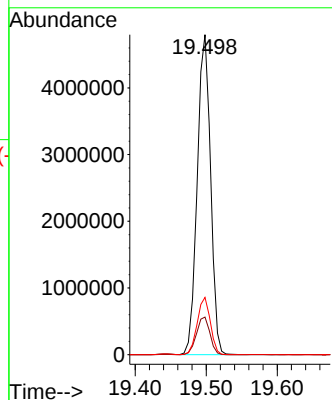
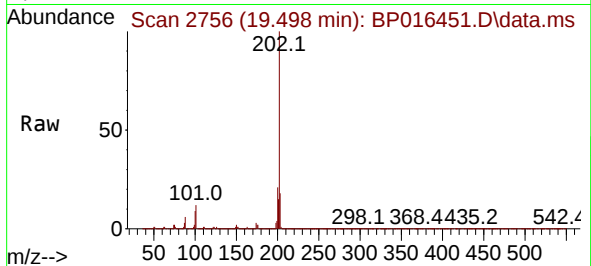




#75
Fluoranthene
Concen: 39.772 ng
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

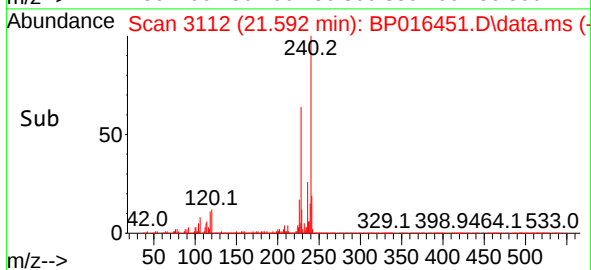
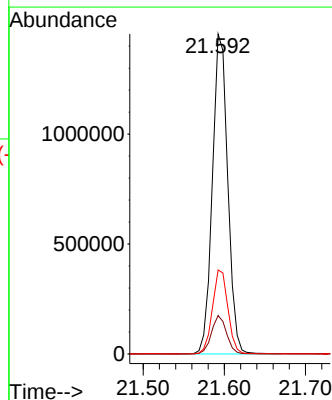
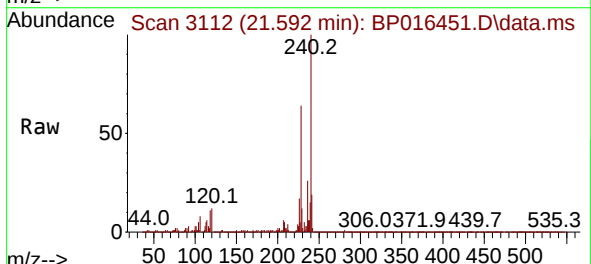
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

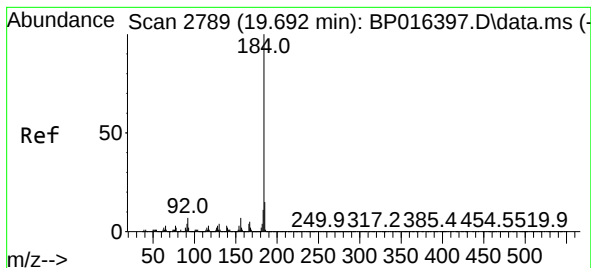
Tgt Ion:202 Resp: 6264056
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.2
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:240 Resp: 1910207
Ion Ratio Lower Upper
240 100
120 12.0 7.9 11.9#
236 26.2 21.1 31.7





#77

Benzidine

Concen: 82.288 ng

RT: 19.692 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

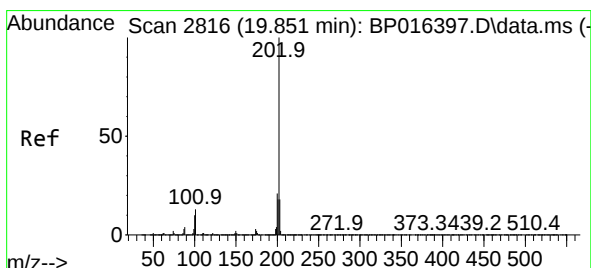
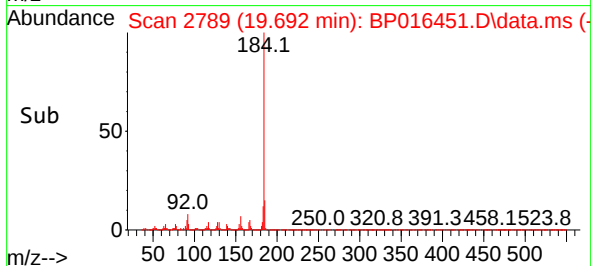
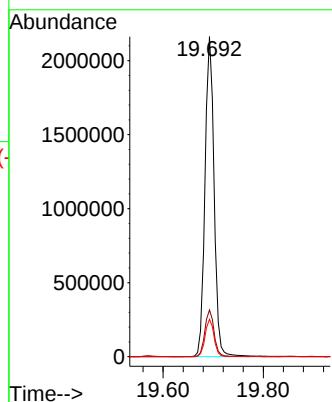
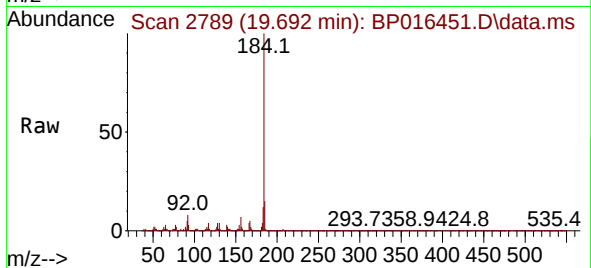
Tgt Ion:184 Resp: 2725277

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

183 11.7 9.2 13.8



#78

Pyrene

Concen: 49.591 ng

RT: 19.857 min Scan# 2817

Delta R.T. 0.006 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

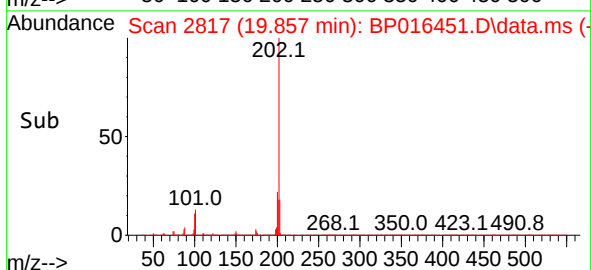
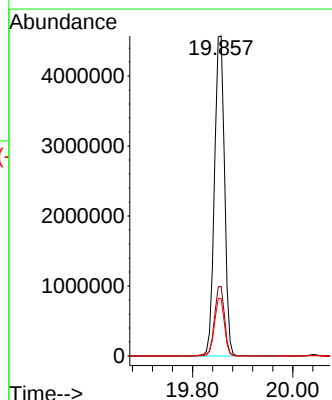
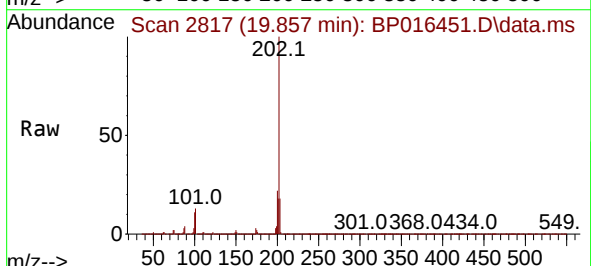
Tgt Ion:202 Resp: 6350209

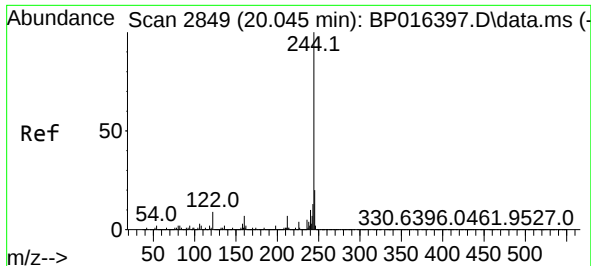
Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

203 17.8 14.4 21.6

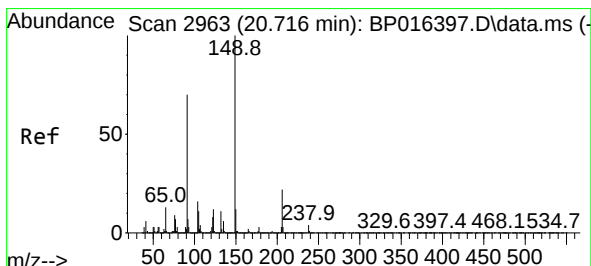
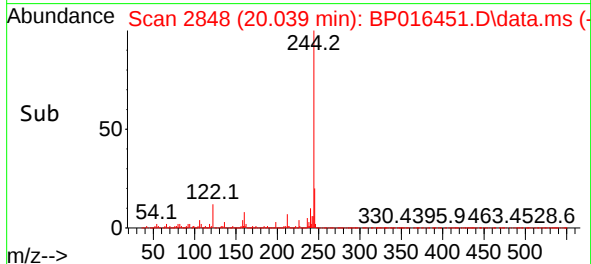
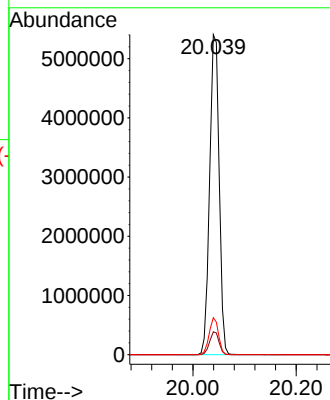
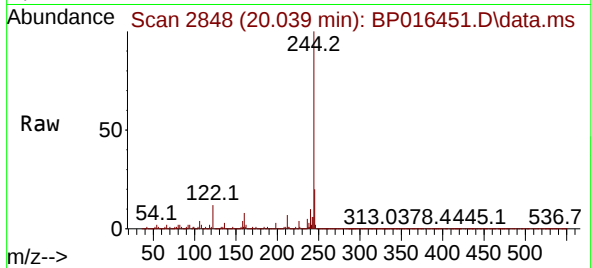




#79
 Terphenyl-d14
 Concen: 76.392 ng
 RT: 20.039 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BP016451.D
 Acq: 01 Aug 2023 12:13

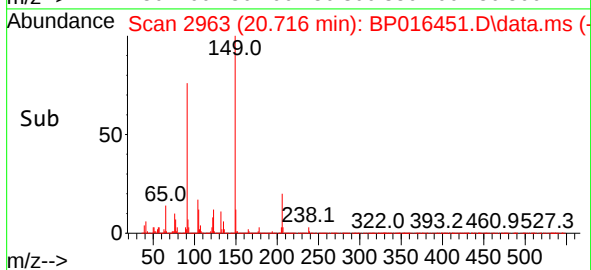
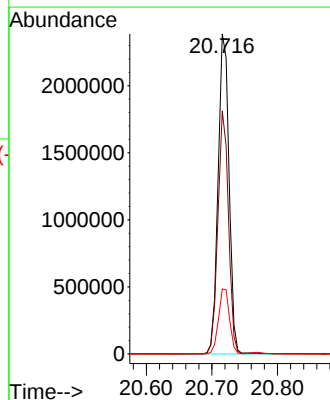
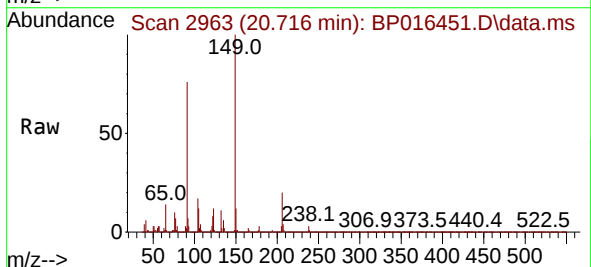
Instrument :
 BNA_P
 ClientSampleId :
 B-P39BMSD

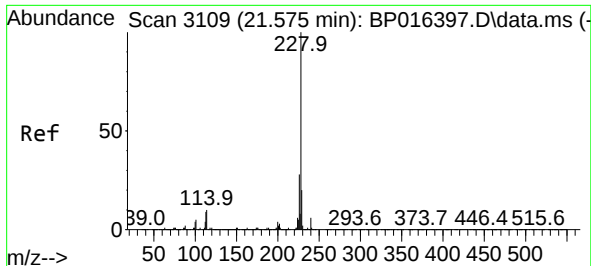
Tgt Ion:244 Resp: 6907945
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.6 7.4 11.2#



#80
 Butylbenzylphthalate
 Concen: 54.679 ng
 RT: 20.716 min Scan# 2963
 Delta R.T. 0.000 min
 Lab File: BP016451.D
 Acq: 01 Aug 2023 12:13

Tgt Ion:149 Resp: 2750650
 Ion Ratio Lower Upper
 149 100
 91 75.9 56.1 84.1
 206 20.3 17.8 26.6

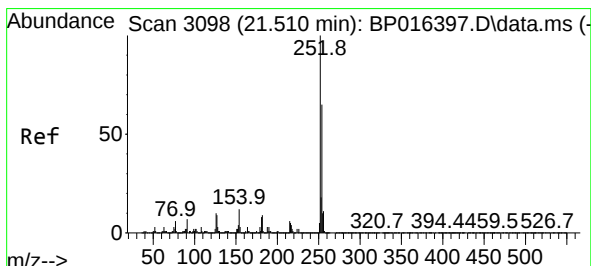
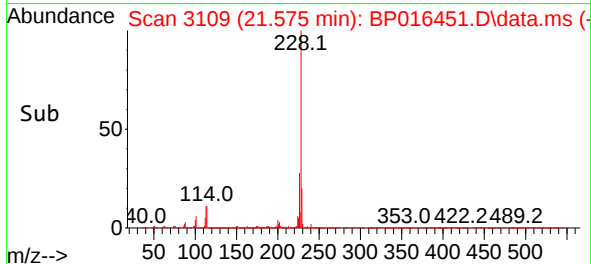
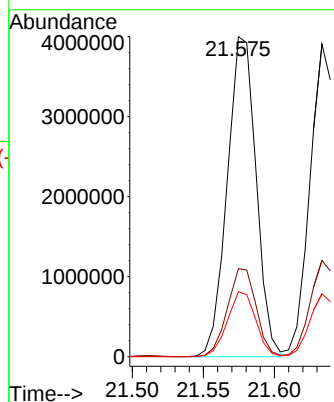
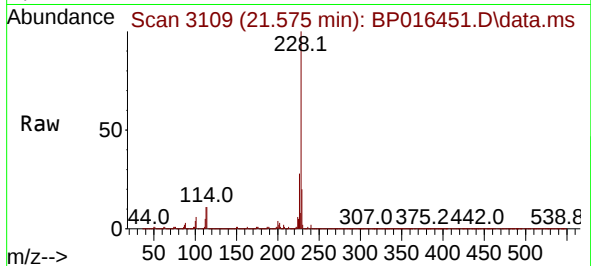




#81
Benzo(a)anthracene
Concen: 44.204 ng
RT: 21.575 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

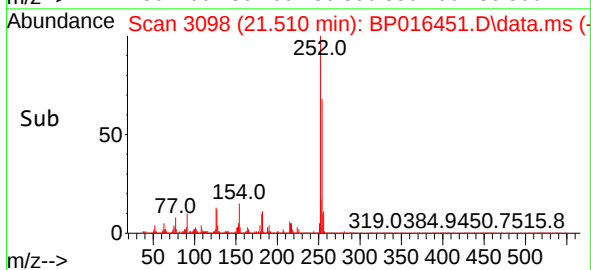
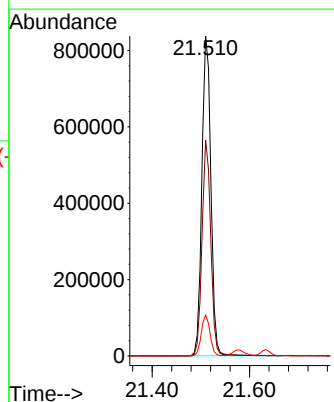
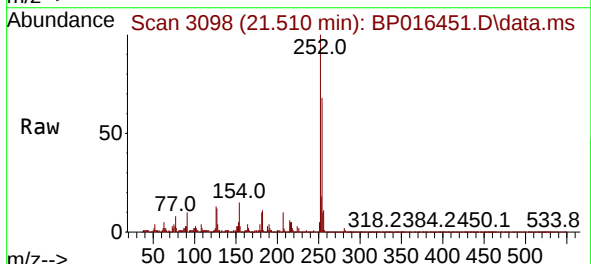
Instrument :
BNA_P
ClientSampleId :
B-P39BMSD

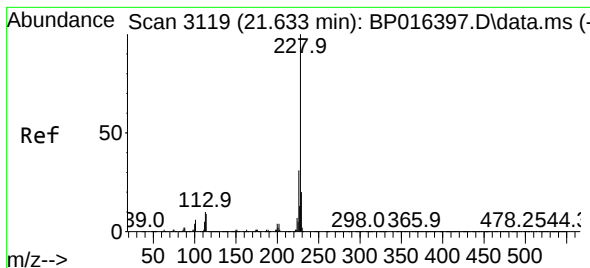
Tgt Ion:228 Resp: 5665395
Ion Ratio Lower Upper
228 100
226 27.5 22.4 33.6
229 20.3 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 25.719 ng
RT: 21.510 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP016451.D
Acq: 01 Aug 2023 12:13

Tgt Ion:252 Resp: 1082082
Ion Ratio Lower Upper
252 100
254 67.5 52.2 78.2
126 12.8 7.8 11.6





#83

Chrysene

Concen: 42.246 ng

RT: 21.633 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

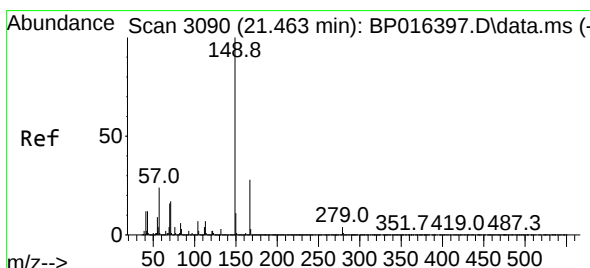
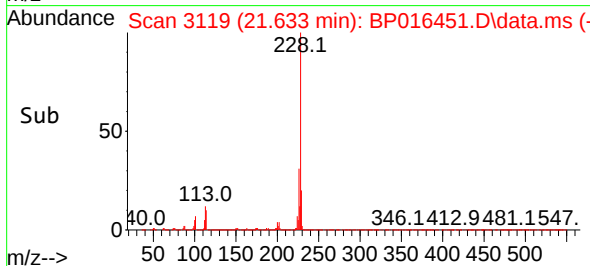
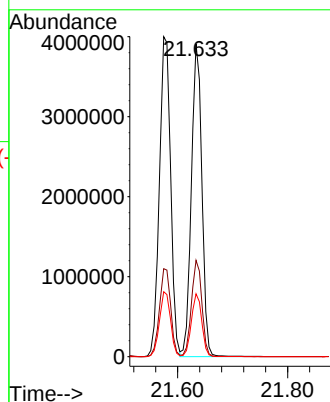
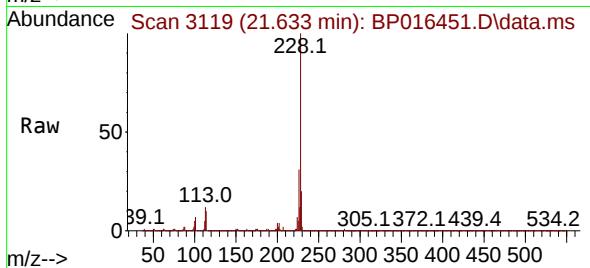
Tgt Ion:228 Resp: 5170447

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.619 ng

RT: 21.463 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

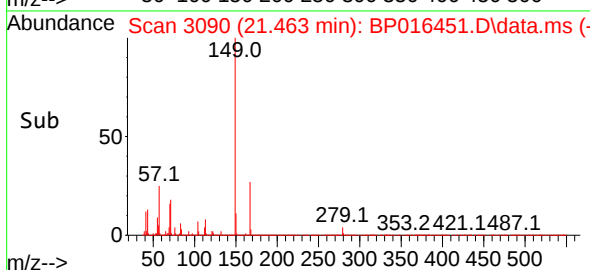
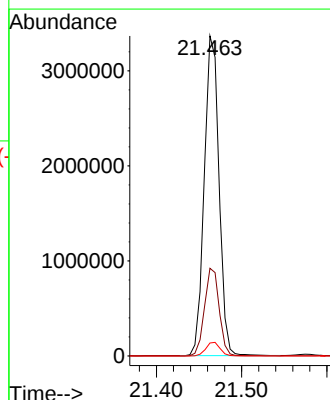
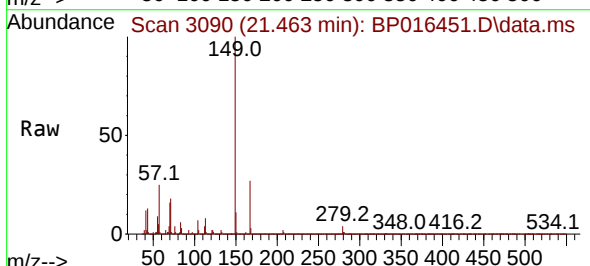
Tgt Ion:149 Resp: 4049673

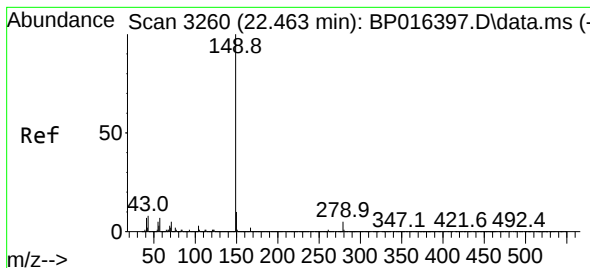
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.326 ng

RT: 22.463 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

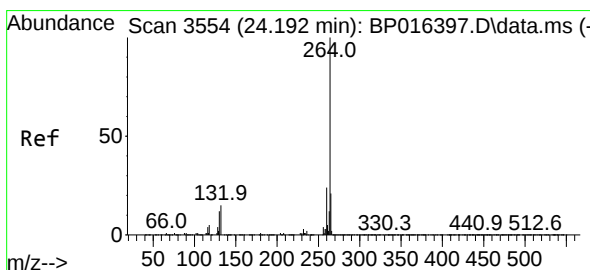
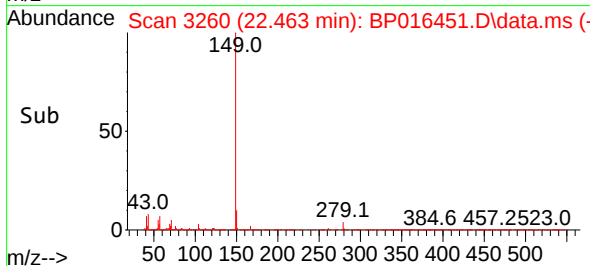
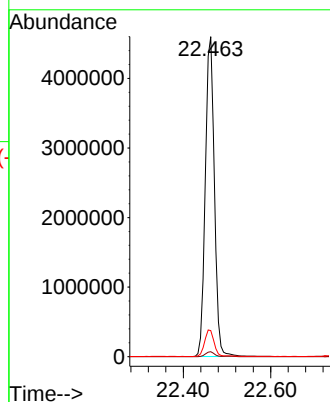
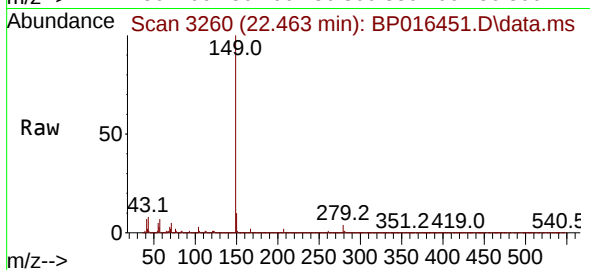
Tgt Ion:149 Resp: 6646712

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.8 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.192 min Scan# 3554

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

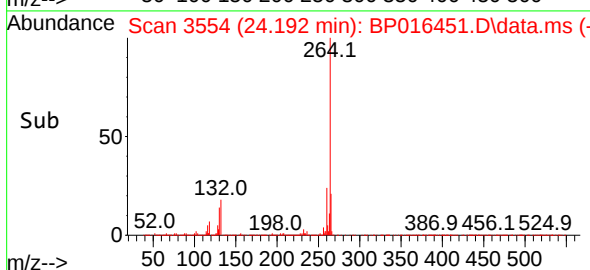
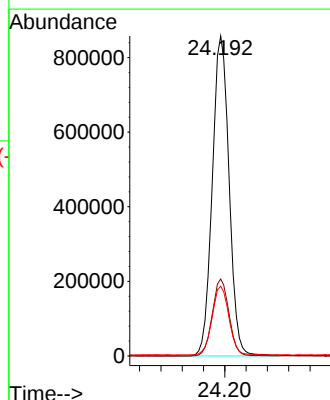
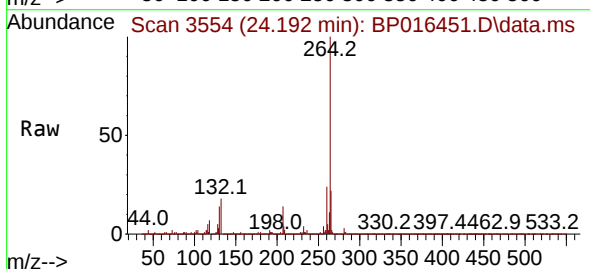
Tgt Ion:264 Resp: 1875046

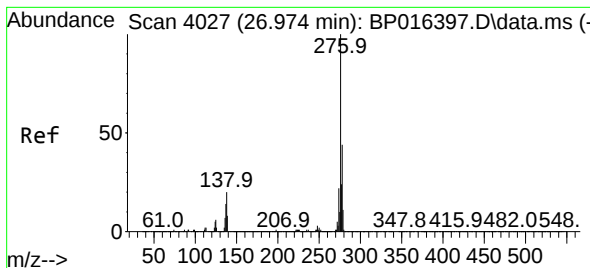
Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.693 ng

RT: 26.968 min Scan# 4026

Delta R.T. -0.006 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

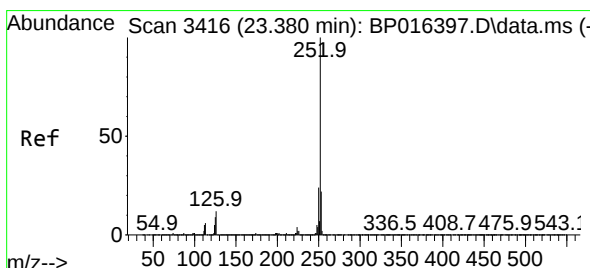
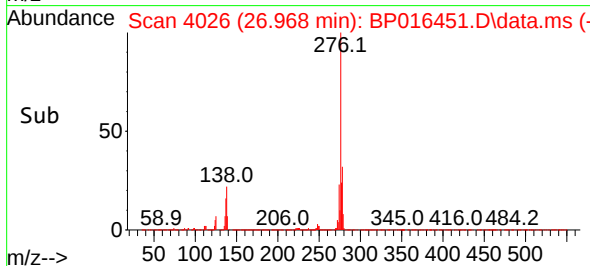
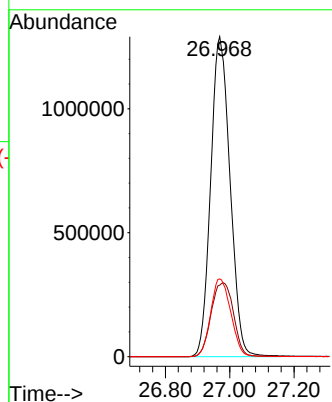
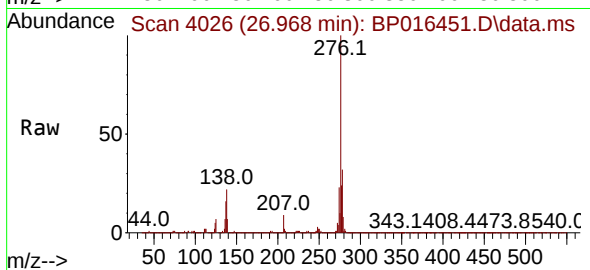
Tgt Ion:276 Resp: 5396893

Ion Ratio Lower Upper

276 100

138 26.6 18.4 27.6

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.914 ng

RT: 23.386 min Scan# 3417

Delta R.T. 0.006 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

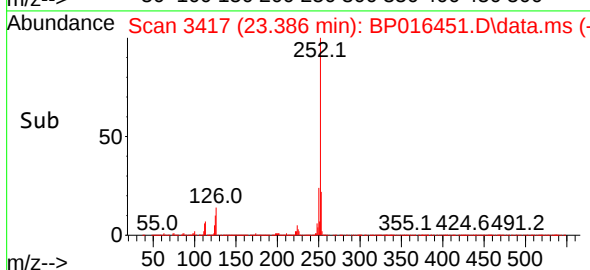
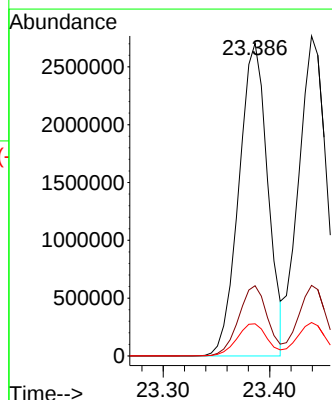
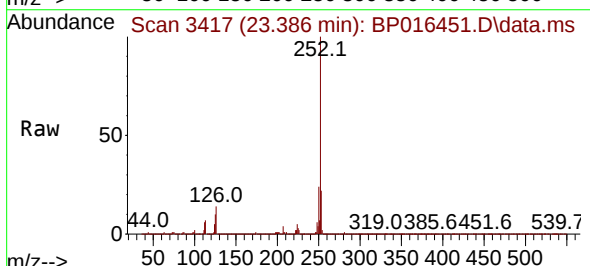
Tgt Ion:252 Resp: 5099048

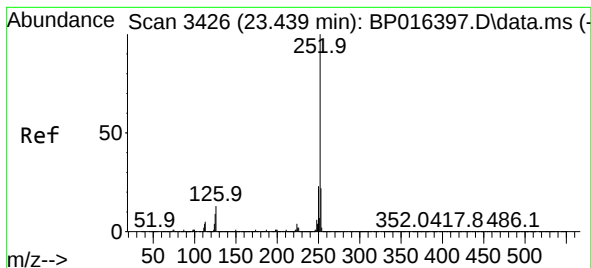
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.975 ng

RT: 23.439 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

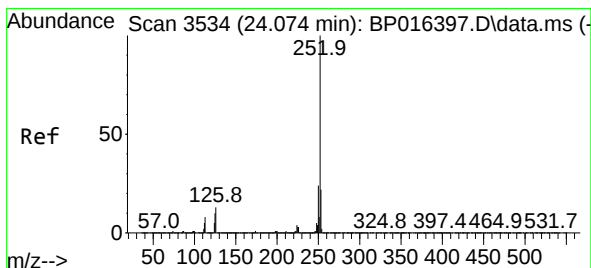
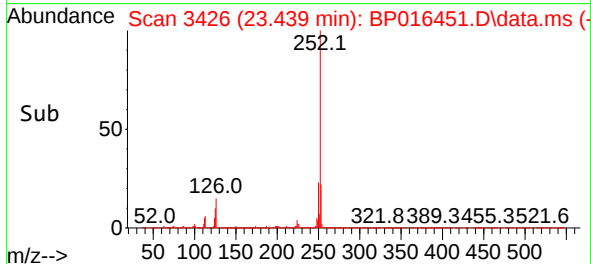
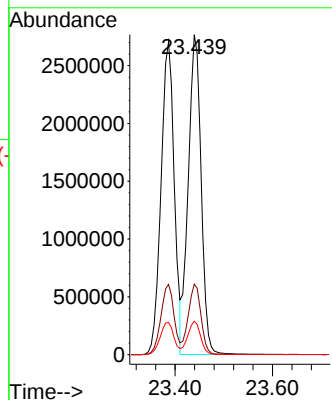
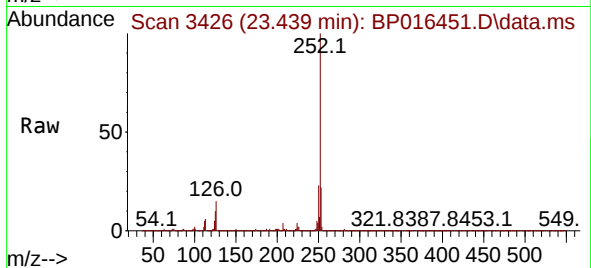
Tgt Ion:252 Resp: 5082068

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.5 7.1 10.7



#90

Benzo(a)pyrene

Concen: 41.925 ng

RT: 24.074 min Scan# 3534

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

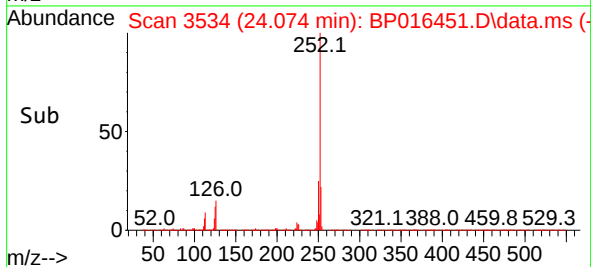
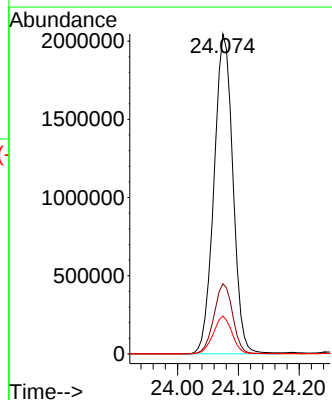
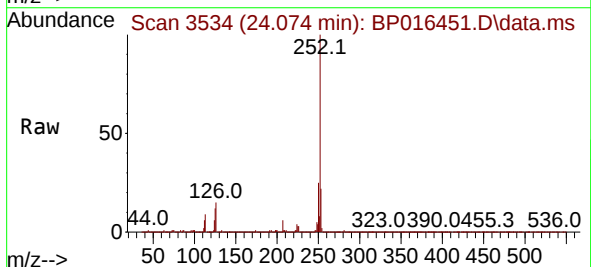
Tgt Ion:252 Resp: 4413747

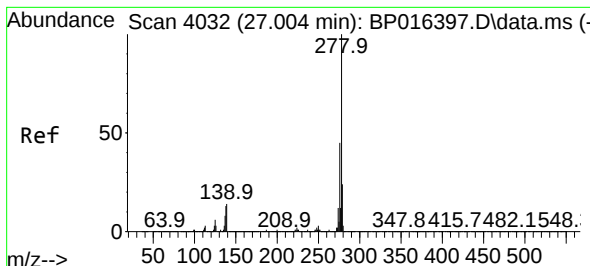
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 11.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 42.794 ng

RT: 27.004 min Scan# 4032

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Instrument :

BNA_P

ClientSampleId :

B-P39BMSD

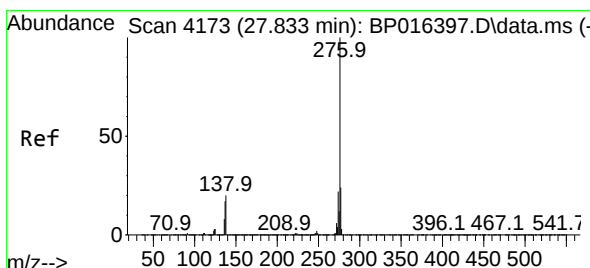
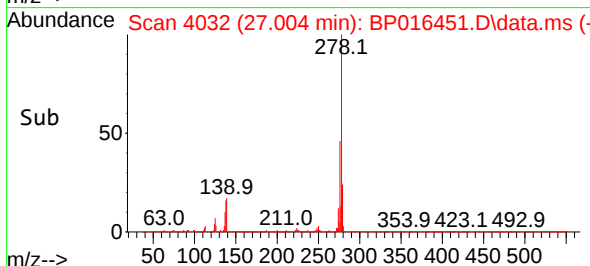
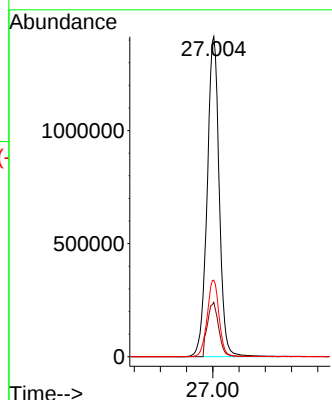
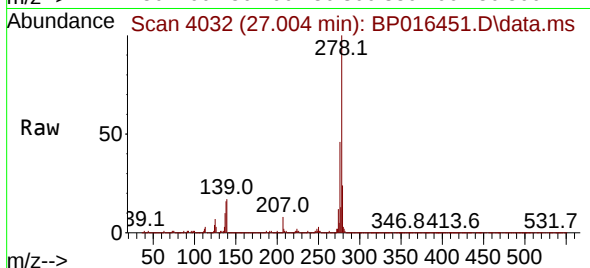
Tgt Ion:278 Resp: 4511372

Ion Ratio Lower Upper

278 100

139 17.0 11.6 17.4

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 42.109 ng

RT: 27.833 min Scan# 4173

Delta R.T. 0.000 min

Lab File: BP016451.D

Acq: 01 Aug 2023 12:13

Tgt Ion:276 Resp: 4277888

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 22.3 16.1 24.1

