

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016413.D
 Acq On : 28 Jul 2023 09:12
 Operator : MA/JU
 Sample : PB154218BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154218BS

Quant Time: Jul 31 05:40:53 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	8.093	152	349249	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1482472	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	905687	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	1936048	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1800693	20.000	ng	# 0.00
86) Perylene-d12	24.186	264	1921990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3740829	174.742	ng	0.00
7) Phenol-d6	7.228	99	4876401	166.186	ng	0.00
23) Nitrobenzene-d5	9.287	82	2835785	107.080	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1794162	134.657	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	6363208	100.727	ng	0.00
79) Terphenyl-d14	20.039	244	9627065	112.937	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	339114	40.616	ng	97
3) Pyridine	3.870	79	973075	38.989	ng	98
4) n-Nitrosodimethylamine	3.799	42	469006	49.842	ng	95
6) Aniline	7.422	93	1705082	47.045	ng	98
8) 2-Chlorophenol	7.646	128	1231360	54.859	ng	97
9) Benzaldehyde	7.240	77	705420	59.679	ng	98
10) Phenol	7.258	94	1620333	56.863	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	1168885	50.462	ng	99
12) 1,3-Dichlorobenzene	7.969	146	1246107	51.714	ng	97
13) 1,4-Dichlorobenzene	8.128	146	1275704	52.191	ng	99
14) 1,2-Dichlorobenzene	8.440	146	1229593	52.247	ng	98
15) Benzyl Alcohol	8.340	79	1076772	53.713	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1390651	52.938	ng	98
17) 2-Methylphenol	8.522	107	1068331	52.021	ng	98
18) Hexachloroethane	9.169	117	463513	53.163	ng	93
19) n-Nitroso-di-n-propyla...	8.910	70	917247	49.897	ng	97
20) 3+4-Methylphenols	8.858	107	1454320	52.142	ng	100
22) Acetophenone	8.940	105	1820744	48.644	ng	# 99
24) Nitrobenzene	9.334	77	1345300	49.458	ng	98
25) Isophorone	9.846	82	2553093	47.751	ng	99
26) 2-Nitrophenol	10.034	139	528732	45.289	ng	95
27) 2,4-Dimethylphenol	10.069	122	1259426	52.652	ng	100
28) bis(2-Chloroethoxy)met...	10.334	93	1598585	48.811	ng	99
29) 2,4-Dichlorophenol	10.557	162	1156555	51.665	ng	98
30) 1,2,4-Trichlorobenzene	10.769	180	1153341	47.567	ng	98
31) Naphthalene	10.975	128	3686346	47.539	ng	99
32) Benzoic acid	10.199	122	694339	44.735	ng	96
33) 4-Chloroaniline	11.099	127	1093818	31.271	ng	98
34) Hexachlorobutadiene	11.210	225	636180	44.317	ng	99
35) Caprolactam	11.910	113	206226	25.211	ng	97
36) 4-Chloro-3-methylphenol	12.187	107	1284659	51.627	ng	98
37) 2-Methylnaphthalene	12.569	142	2561642	45.473	ng	99
38) 1-Methylnaphthalene	12.793	142	2410662	45.645	ng	100
40) 1,2,4,5-Tetrachloroben...	12.916	216	1245495	45.253	ng	99
41) Hexachlorocyclopentadiene	12.875	237	1617975	117.048	ng	99
43) 2,4,6-Trichlorophenol	13.163	196	888023	50.285	ng	99

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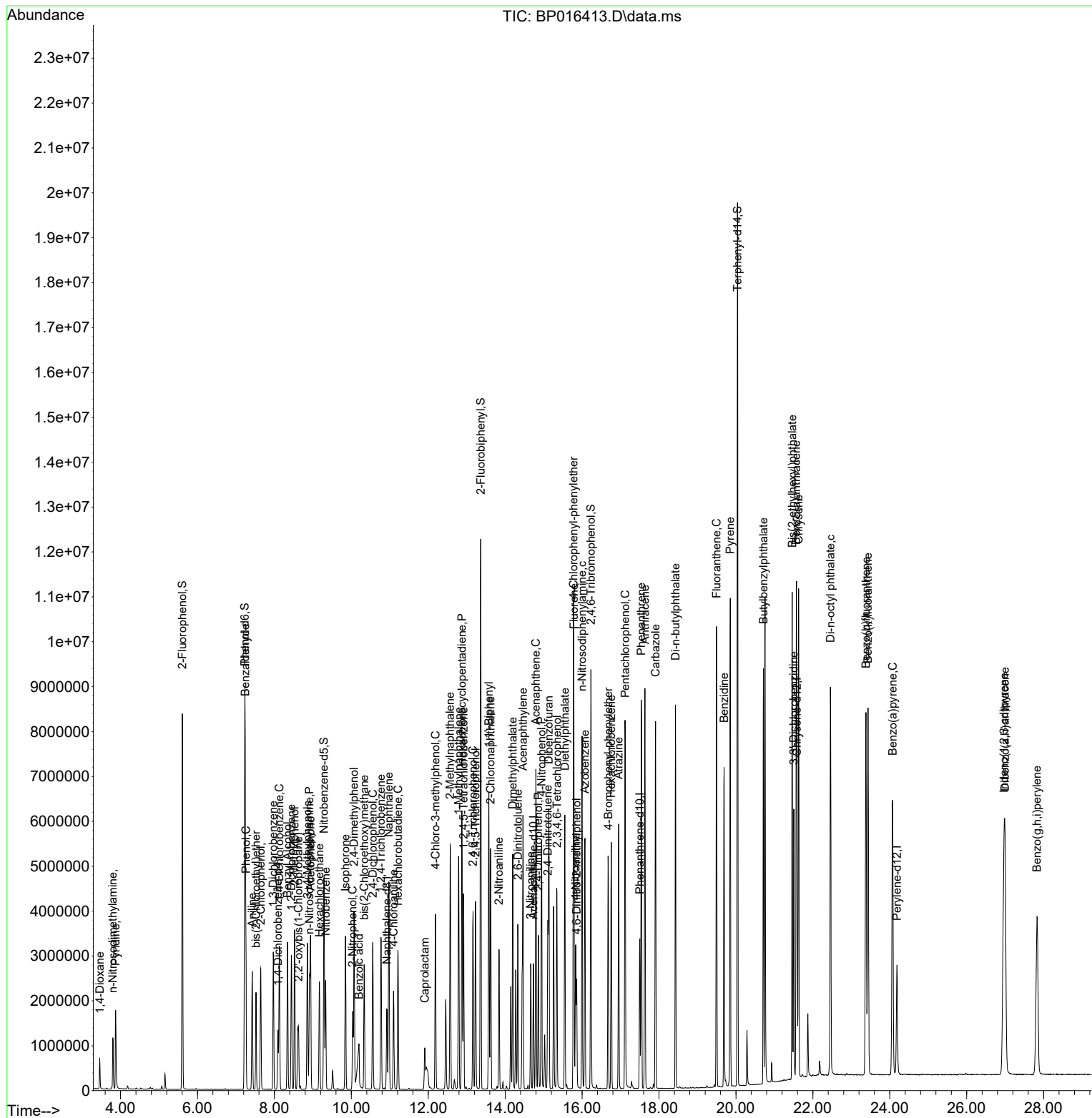
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	994065	46.397	ng	96
46) 1,1'-Biphenyl	13.575	154	3285804	47.594	ng	99
47) 2-Chloronaphthalene	13.622	162	2558166	49.115	ng	99
48) 2-Nitroaniline	13.840	65	772319	52.604	ng	97
49) Acenaphthylene	14.463	152	4156482	48.096	ng	99
50) Dimethylphthalate	14.198	163	3340748	47.335	ng	100
51) 2,6-Dinitrotoluene	14.328	165	713909	49.376	ng	90
52) Acenaphthene	14.798	154	2469468	48.053	ng	100
53) 3-Nitroaniline	14.663	138	657374	40.216	ng	93
54) 2,4-Dinitrophenol	14.863	184	640485	93.221	ng	97
55) Dibenzofuran	15.134	168	3942045	46.771	ng	99
56) 4-Nitrophenol	14.945	139	1486507	116.172	ng	97
57) 2,4-Dinitrotoluene	15.110	165	986415	52.348	ng	95
58) Fluorene	15.787	166	3149698	47.567	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	858146	48.690	ng	93
60) Diethylphthalate	15.551	149	3364953	47.976	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	1520032	45.491	ng	97
62) 4-Nitroaniline	15.834	138	795278	49.024	ng	98
63) Azobenzene	16.075	77	3281647	49.552	ng	97
65) 4,6-Dinitro-2-methylph...	15.857	198	440199	48.485	ng	91
66) n-Nitrosodiphenylamine	15.998	169	2842176	49.813	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	952234	46.450	ng	97
68) Hexachlorobenzene	16.757	284	1078520	47.176	ng	95
69) Atrazine	16.951	200	1032546	60.850	ng	99
70) Pentachlorophenol	17.122	266	1435150	90.714	ng	93
71) Phenanthrene	17.539	178	5116543	49.770	ng	99
72) Anthracene	17.634	178	5172465	50.037	ng	100
73) Carbazole	17.910	167	5010557	51.700	ng	99
74) Di-n-butylphthalate	18.428	149	5800118	51.729	ng	99
75) Fluoranthene	19.498	202	5895759	48.930	ng	98
77) Benzidine	19.692	184	3634689	116.422	ng	100
78) Pyrene	19.851	202	6106780	50.591	ng	100
80) Butylbenzylphthalate	20.716	149	2565593	54.102	ng	98
81) Benzo(a)anthracene	21.569	228	5963984	49.363	ng	100
82) 3,3'-Dichlorobenzidine	21.504	252	1675491	42.246	ng #	99
83) Chrysene	21.627	228	5568410	48.265	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	3812490	53.548	ng	100
85) Di-n-octyl phthalate	22.457	149	6545317	54.662	ng	99
87) Indeno(1,2,3-cd)pyrene	26.968	276	6391410	49.325	ng	96
88) Benzo(b)fluoranthene	23.380	252	6021553	54.048	ng	98
89) Benzo(k)fluoranthene	23.433	252	6103087	53.863	ng	98
90) Benzo(a)pyrene	24.074	252	5259975	48.742	ng	99
91) Dibenzo(a,h)anthracene	26.998	278	5385970	49.842	ng	98
92) Benzo(g,h,i)perylene	27.827	276	5027325	48.277	ng	97

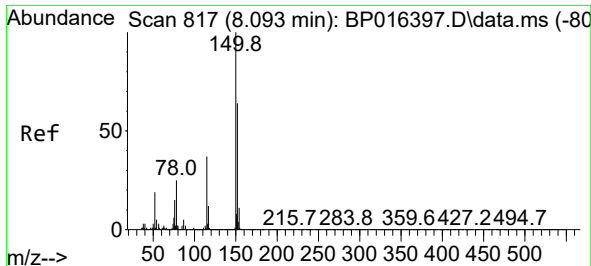
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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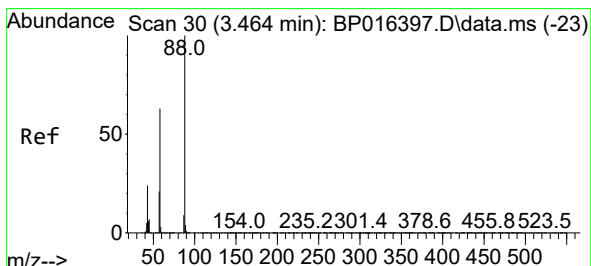
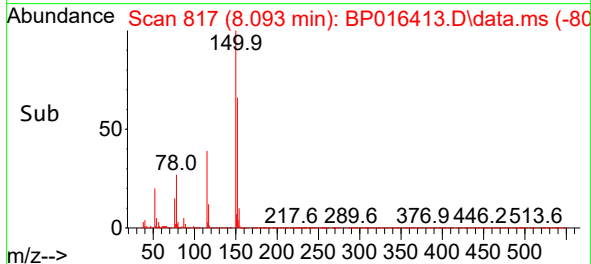
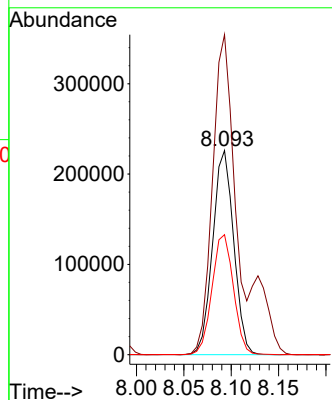
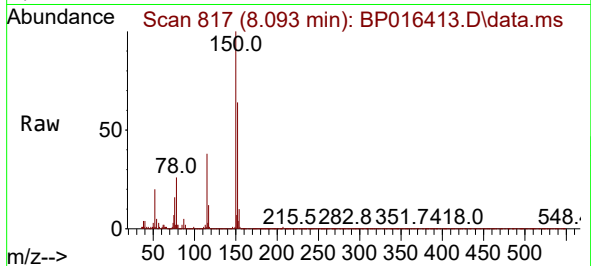




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP016413.D
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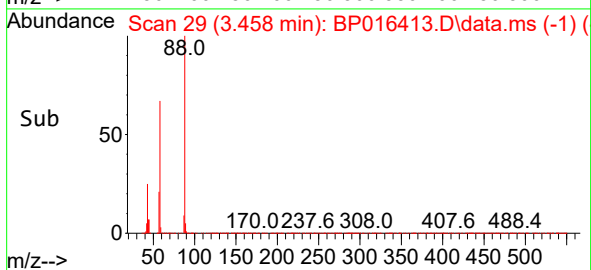
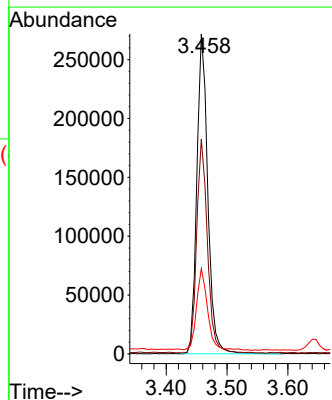
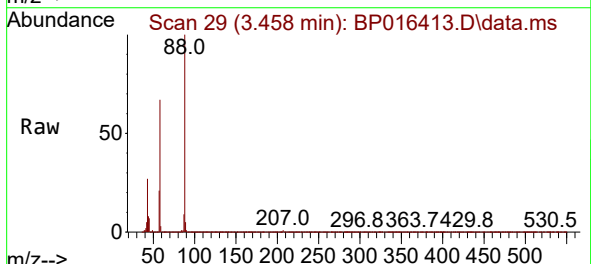
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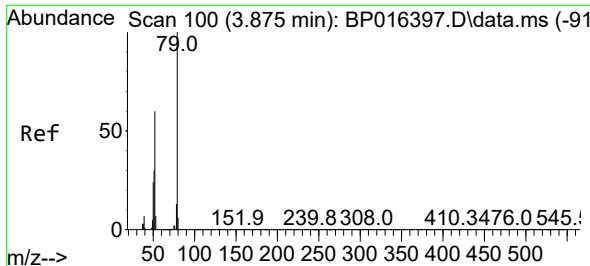
Tgt Ion:152 Resp: 349249
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 58.8 46.8 70.2



#2
1,4-Dioxane
Concen: 40.616 ng
RT: 3.458 min Scan# 29
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 88 Resp: 339114
Ion Ratio Lower Upper
88 100
58 66.3 51.7 77.5
43 25.9 19.2 28.8

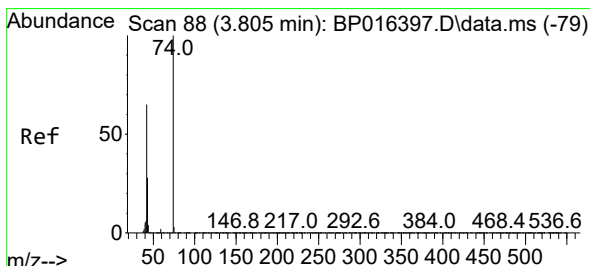
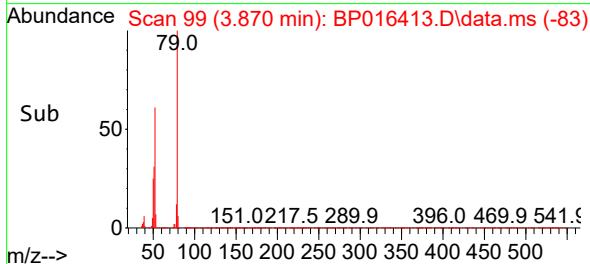
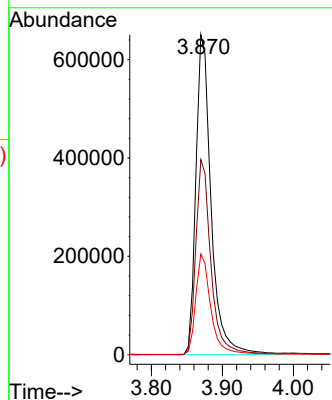
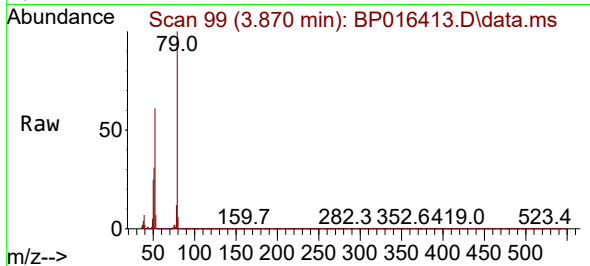




#3
 Pyridine
 Concen: 38.989 ng
 RT: 3.870 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP016413.D
 Acq: 28 Jul 2023 09:12

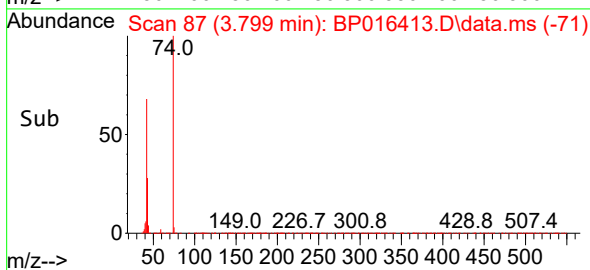
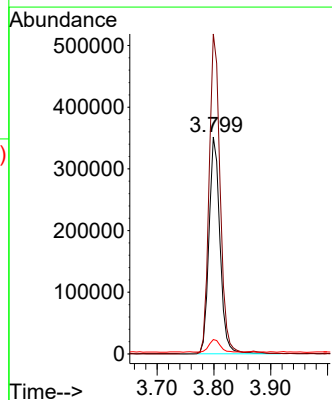
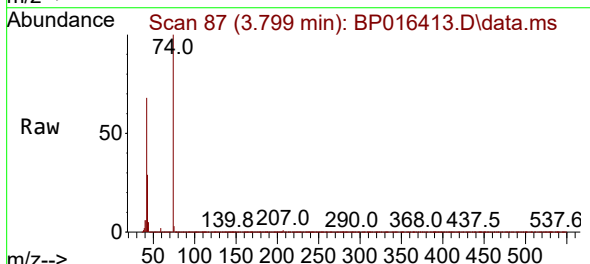
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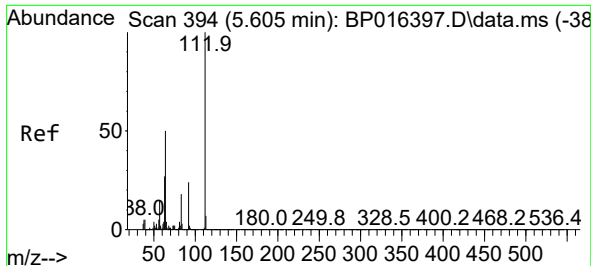
Tgt Ion: 79 Resp: 973075
 Ion Ratio Lower Upper
 79 100
 52 61.0 47.9 71.9
 51 31.5 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 49.842 ng
 RT: 3.799 min Scan# 87
 Delta R.T. -0.006 min
 Lab File: BP016413.D
 Acq: 28 Jul 2023 09:12

Tgt Ion: 42 Resp: 469006
 Ion Ratio Lower Upper
 42 100
 74 147.4 123.8 185.8
 44 6.7 5.5 8.3

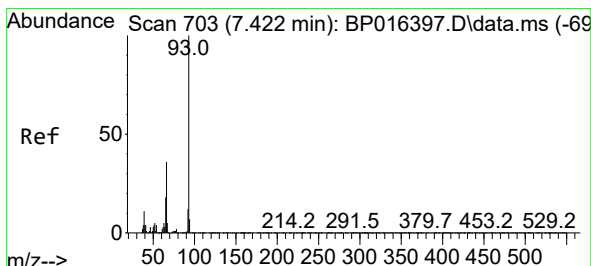
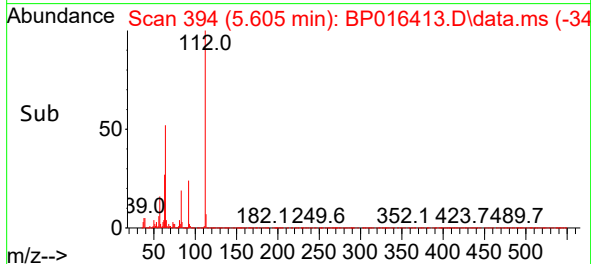
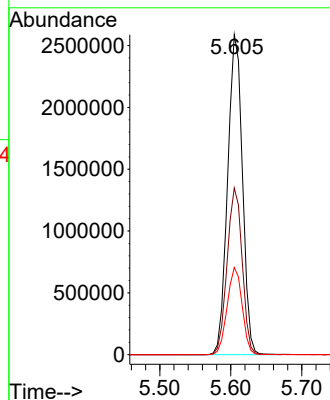
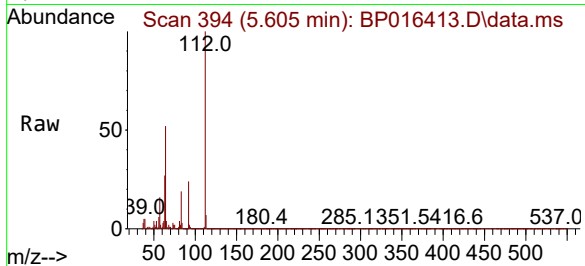




#5
2-Fluorophenol
Concen: 174.742 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016413.D
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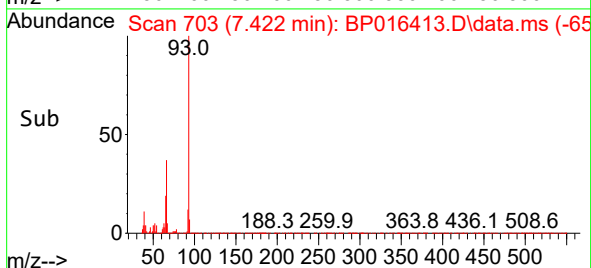
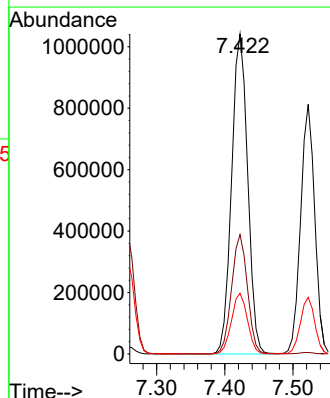
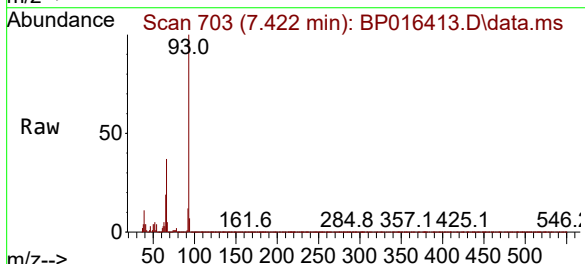
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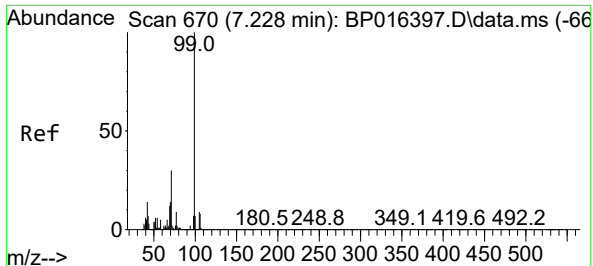
Tgt Ion:112 Resp: 3740829
Ion Ratio Lower Upper
112 100
64 52.1 40.0 60.0
63 27.3 21.2 31.8



#6
Aniline
Concen: 47.045 ng
RT: 7.422 min Scan# 703
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 93 Resp: 1705082
Ion Ratio Lower Upper
93 100
66 37.3 28.9 43.3
65 18.9 14.7 22.1





#7

Phenol-d6

Concen: 166.186 ng

RT: 7.228 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

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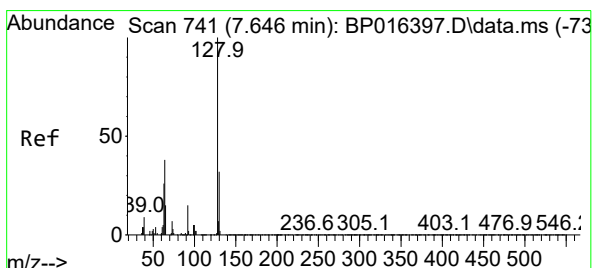
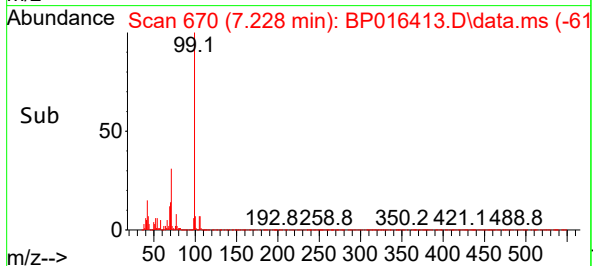
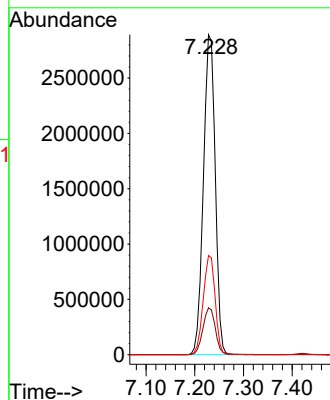
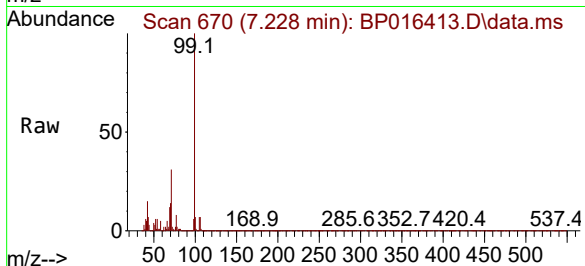
Tgt Ion: 99 Resp: 4876401

Ion Ratio Lower Upper

99 100

42 14.7 11.6 17.4

71 31.0 24.3 36.5



#8

2-Chlorophenol

Concen: 54.859 ng

RT: 7.646 min Scan# 741

Delta R.T. -0.000 min

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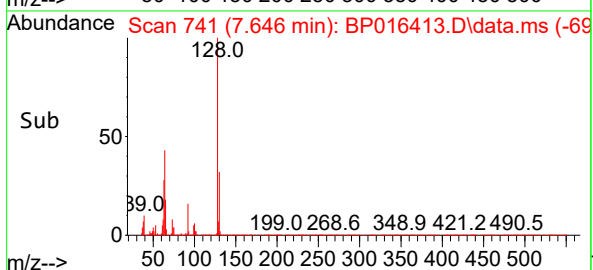
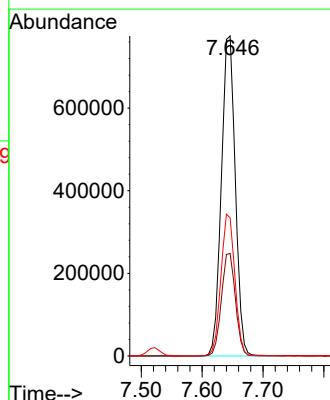
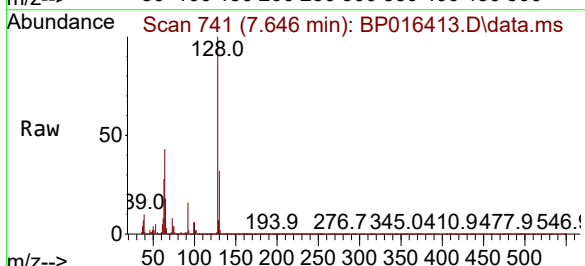
Tgt Ion: 128 Resp: 1231360

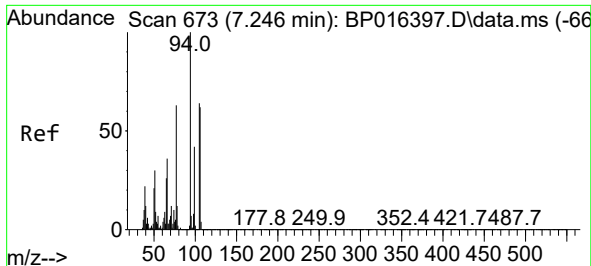
Ion Ratio Lower Upper

128 100

130 32.1 11.6 51.6

64 43.1 20.6 60.6

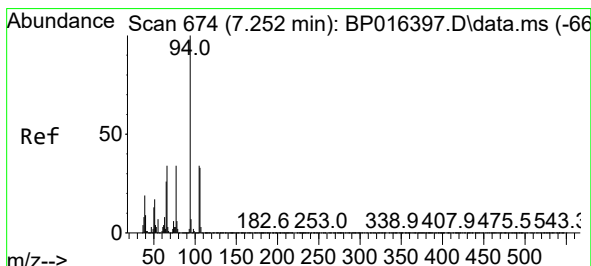
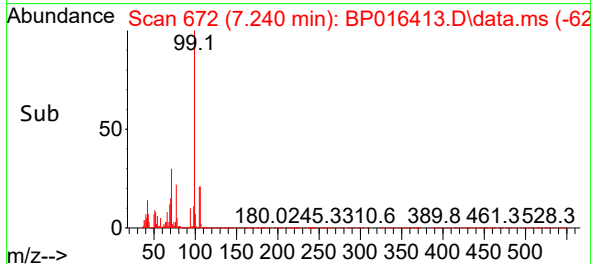
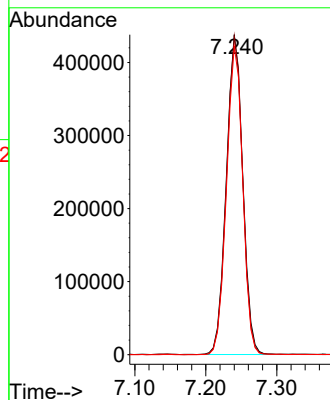
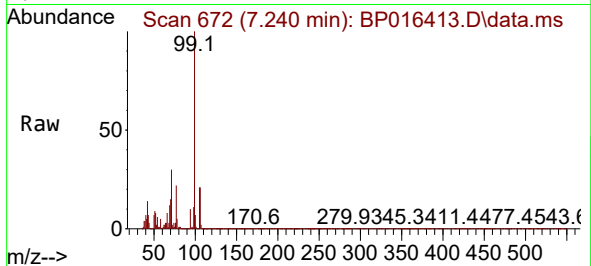




#9
Benzaldehyde
Concen: 59.679 ng
RT: 7.240 min Scan# 61
Delta R.T. -0.006 min
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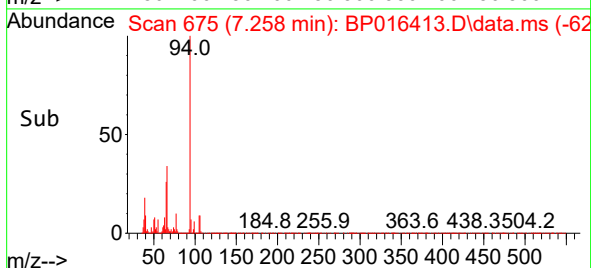
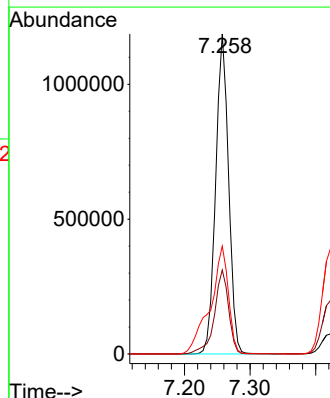
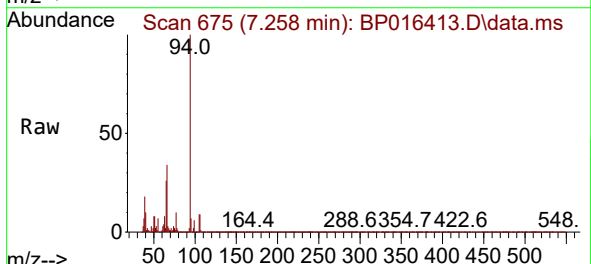
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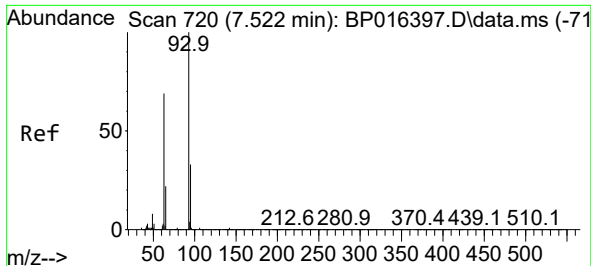
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Ion Ratio Lower Upper
77 100
105 99.6 81.9 121.9
106 96.3 78.8 118.8



#10
Phenol
Concen: 56.863 ng
RT: 7.258 min Scan# 675
Delta R.T. 0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 94 Resp: 1620333
Ion Ratio Lower Upper
94 100
65 26.2 5.9 45.9
66 33.7 14.3 54.3

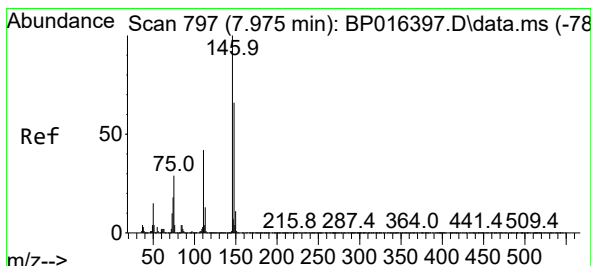
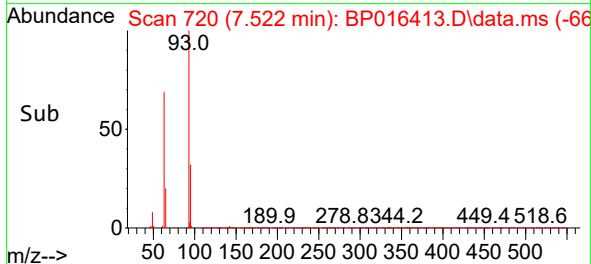
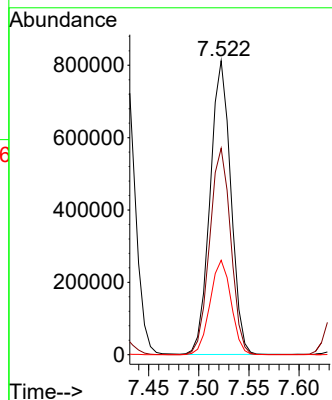
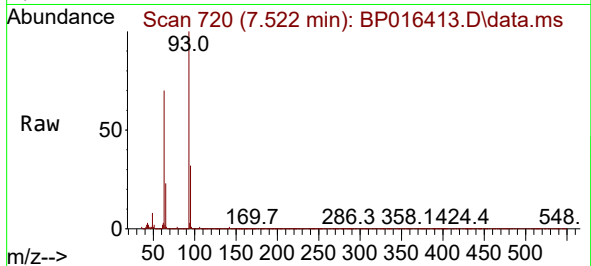




#11
bis(2-Chloroethyl)ether
Concen: 50.462 ng
RT: 7.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

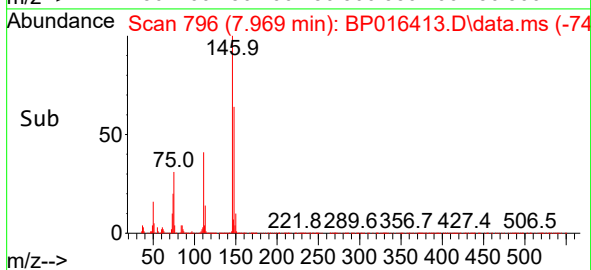
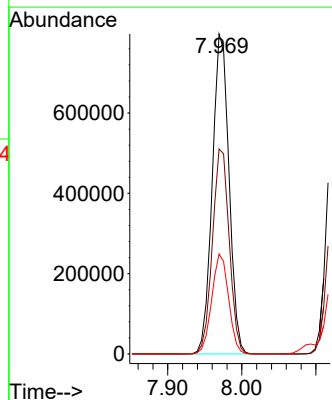
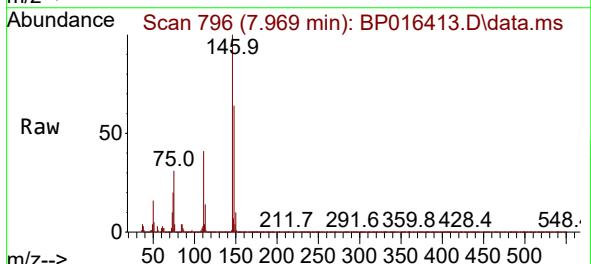
Instrument :
BNA_P
ClientSampleId :
PB154218BS

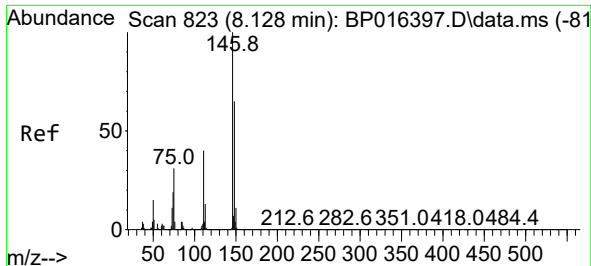
Tgt Ion: 93 Resp: 1168885
Ion Ratio Lower Upper
93 100
63 70.2 49.4 89.4
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 51.714 ng
RT: 7.969 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:146 Resp: 1246107
Ion Ratio Lower Upper
146 100
148 64.0 53.0 79.4
75 31.2 23.4 35.2

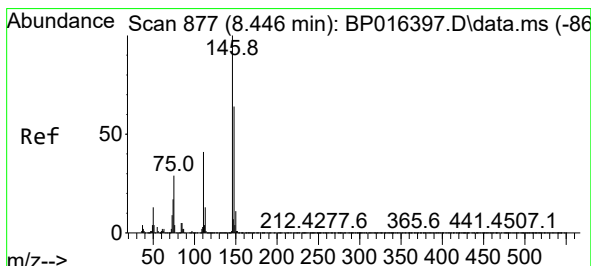
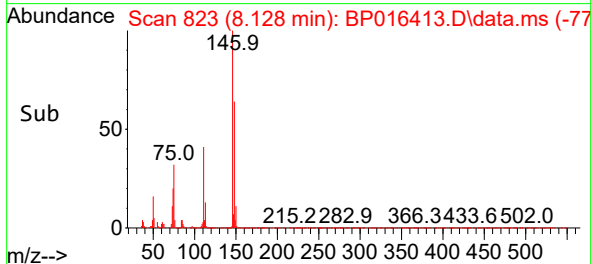
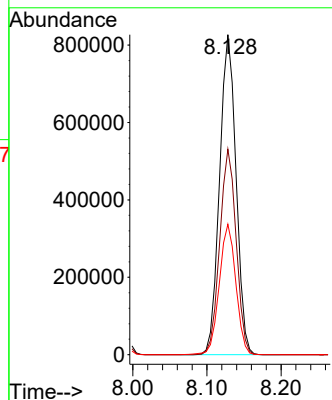
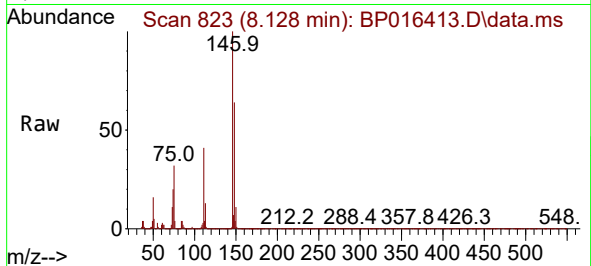




#13
1,4-Dichlorobenzene
Concen: 52.191 ng
RT: 8.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

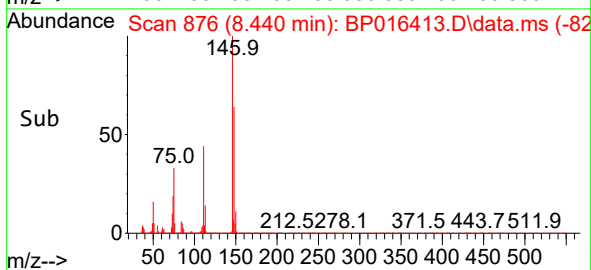
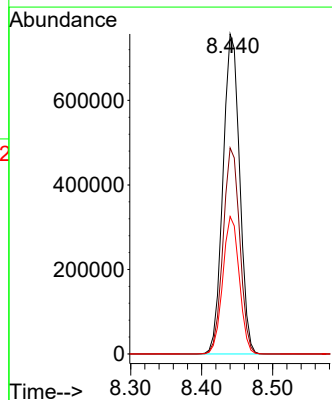
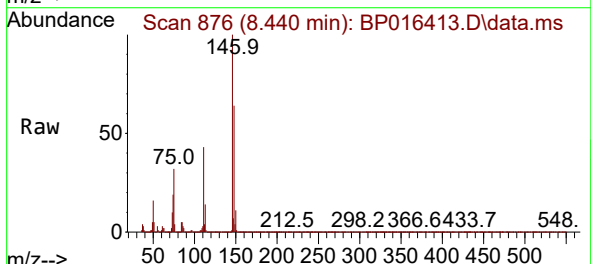
Instrument :
BNA_P
ClientSampleId :
PB154218BS

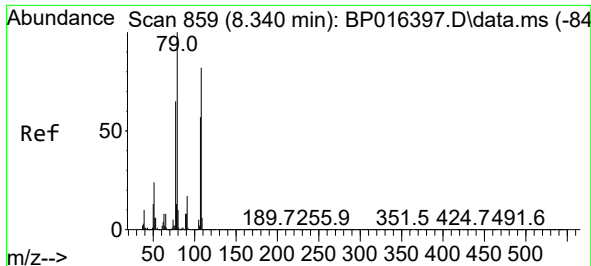
Tgt Ion:146 Resp: 1275704
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
111 40.8 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 52.247 ng
RT: 8.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:146 Resp: 1229593
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 42.9 32.6 49.0

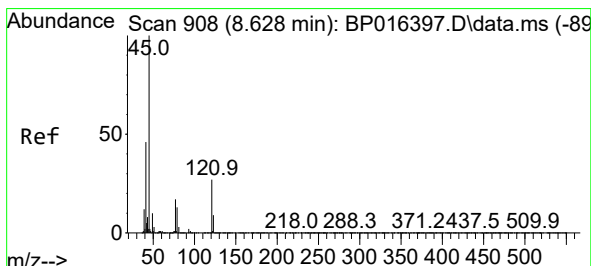
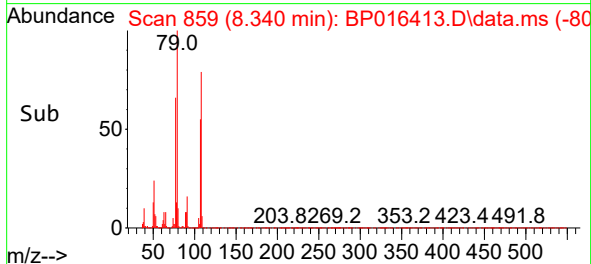
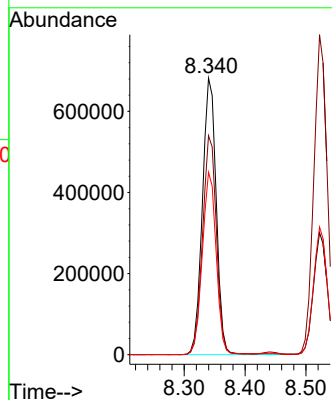
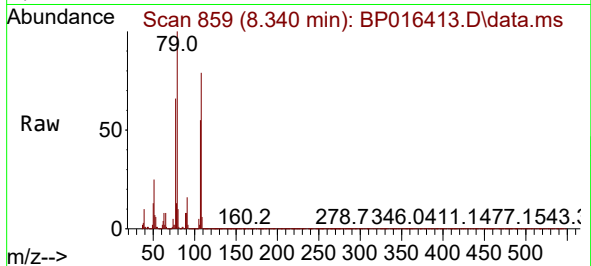




#15
Benzyl Alcohol
Concen: 53.713 ng
RT: 8.340 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

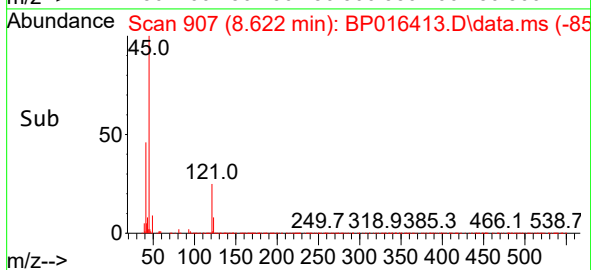
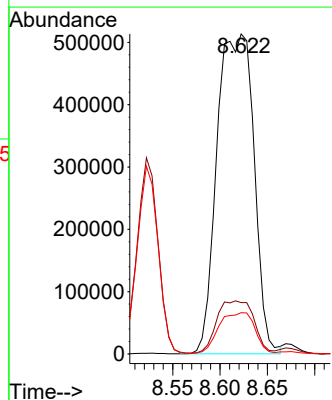
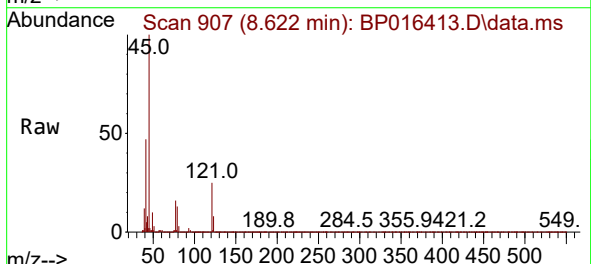
Instrument :
BNA_P
ClientSampleId :
PB154218BS

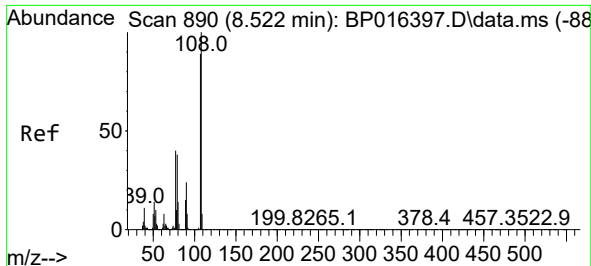
Tgt Ion: 79 Resp: 1076772
Ion Ratio Lower Upper
79 100
108 79.2 65.4 98.2
77 65.9 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.938 ng
RT: 8.622 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 45 Resp: 1390651
Ion Ratio Lower Upper
45 100
77 16.1 0.0 37.3
79 12.9 0.0 33.3



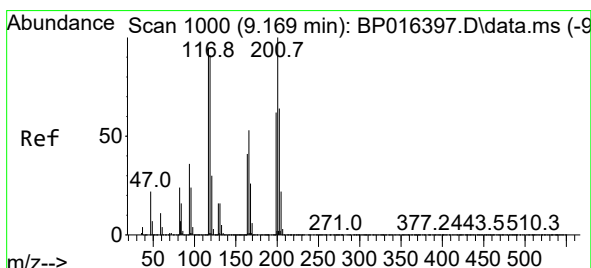
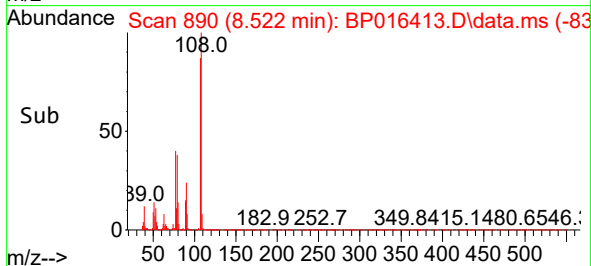
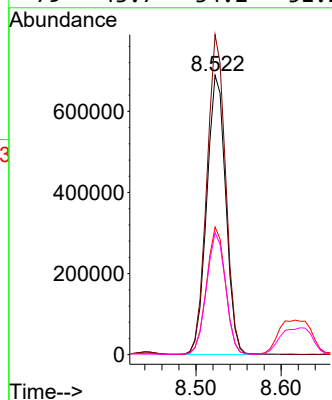
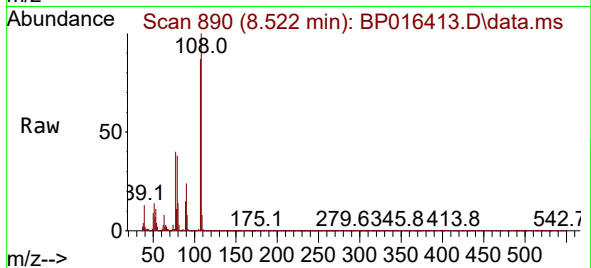


#17
2-Methylphenol
Concen: 52.021 ng
RT: 8.522 min Scan# 890
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Instrument :
BNA_P
ClientSampleId :
PB154218BS

Tgt Ion:107 Resp: 1068331

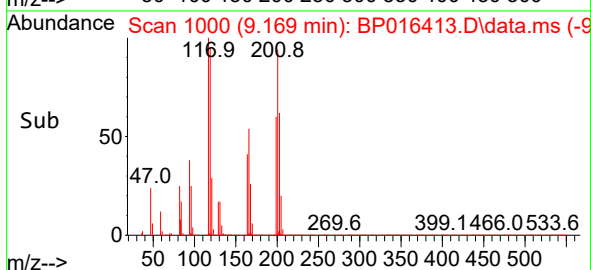
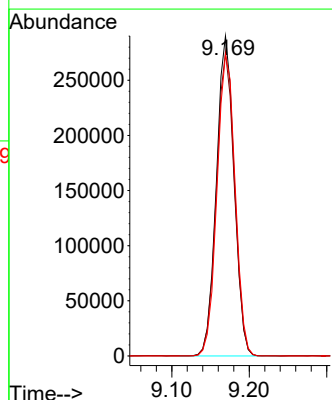
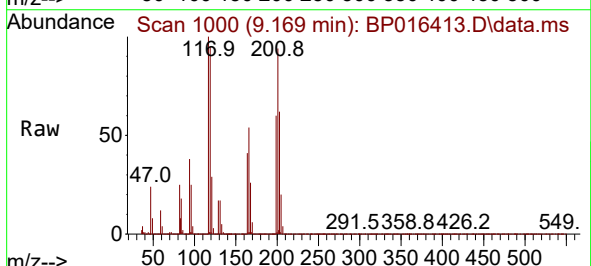
Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.6	134.4
77	45.7	35.6	53.4
79	43.7	34.2	51.2

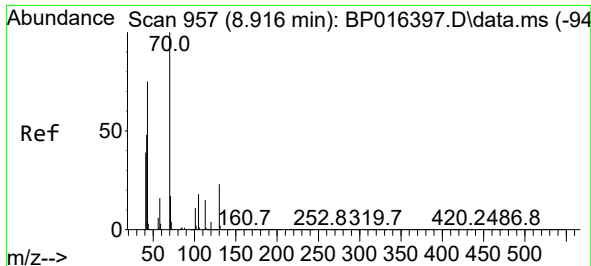


#18
Hexachloroethane
Concen: 53.163 ng
RT: 9.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:117 Resp: 463513

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.9	115.3
201	94.1	86.2	129.4





#19

n-Nitroso-di-n-propylamine

Concen: 49.897 ng

RT: 8.910 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

Tgt Ion: 70 Resp: 917247

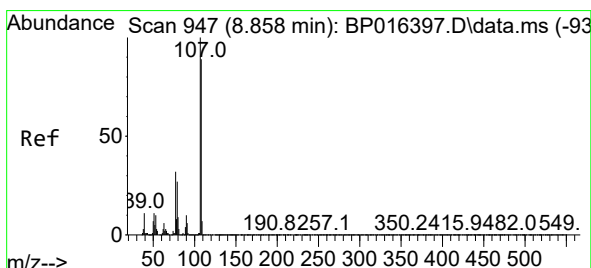
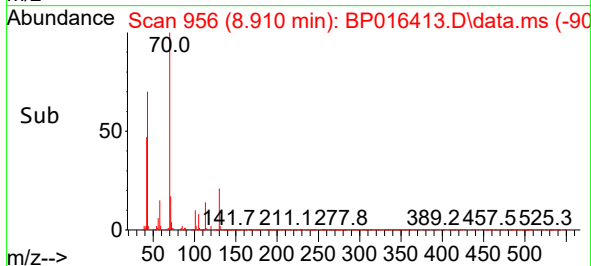
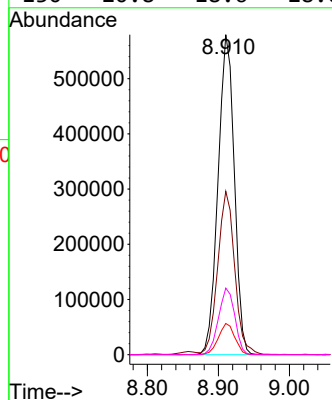
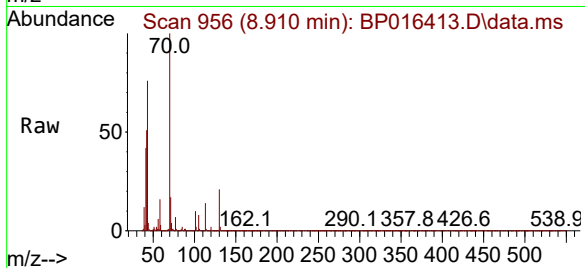
Ion Ratio Lower Upper

70 100

42 51.1 39.3 58.9

101 9.7 8.6 12.8

130 20.8 18.6 28.0



#20

3+4-Methylphenols

Concen: 52.142 ng

RT: 8.858 min Scan# 947

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Tgt Ion: 107 Resp: 1454320

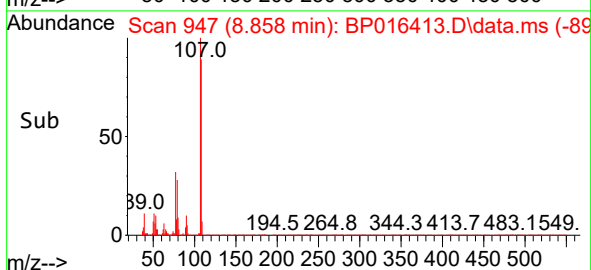
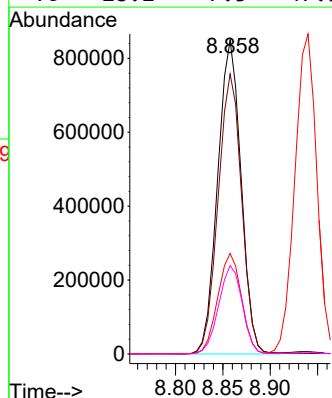
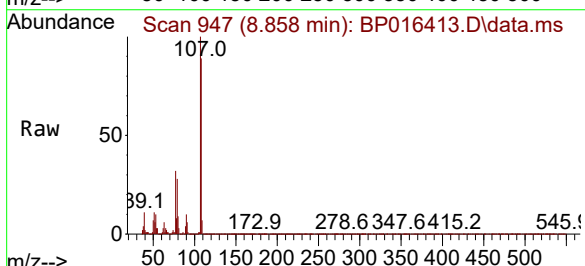
Ion Ratio Lower Upper

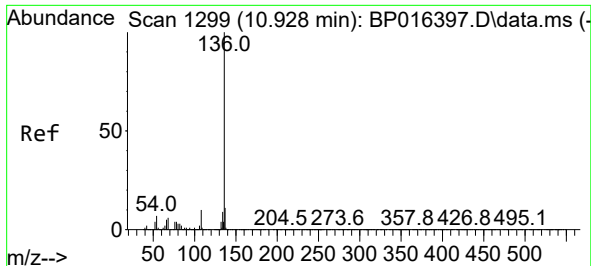
107 100

108 89.3 69.1 109.1

77 32.1 12.0 52.0

79 28.2 7.5 47.5

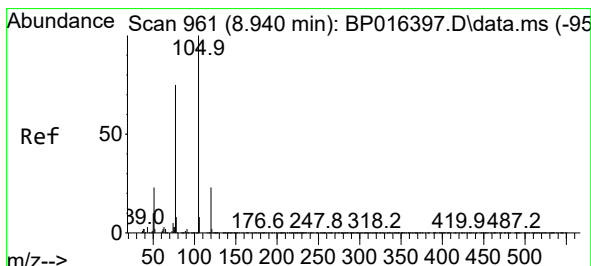
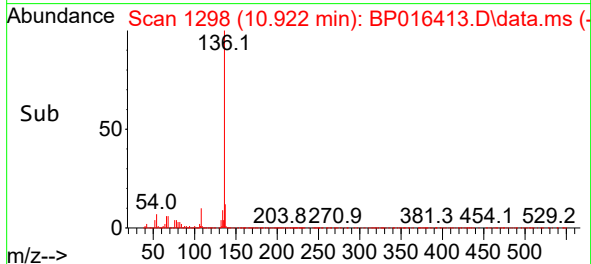
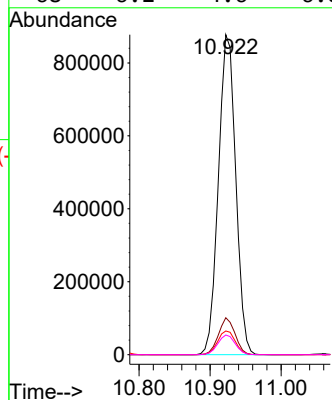
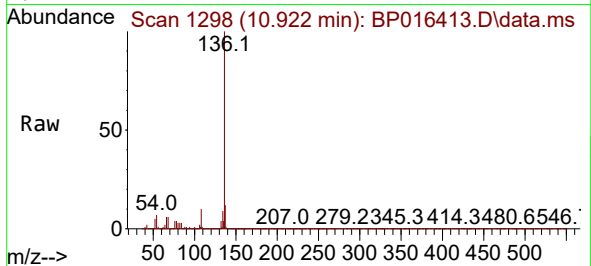




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

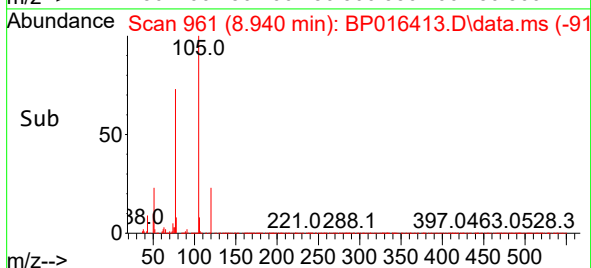
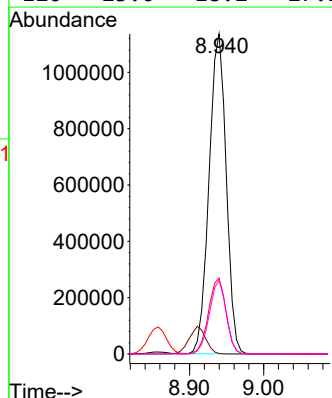
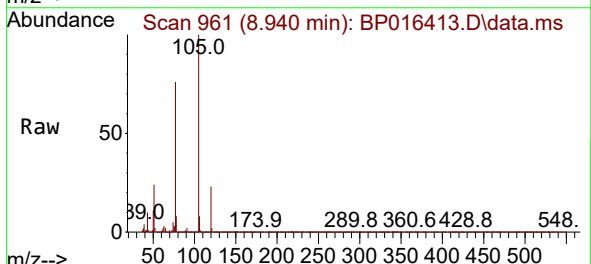
Instrument :
BNA_P
ClientSampleId :
PB154218BS

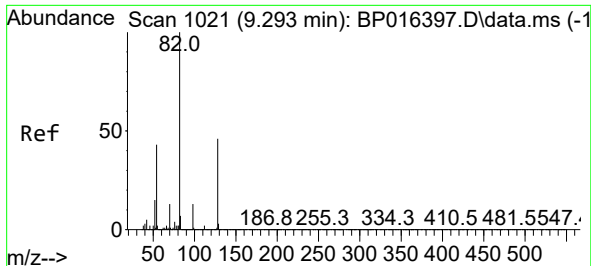
Tgt Ion:136 Resp: 1482472
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 7.4 5.6 8.4
68 6.2 4.6 6.8



#22
Acetophenone
Concen: 48.644 ng
RT: 8.940 min Scan# 961
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:105 Resp: 1820744
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 23.7 18.3 27.5
120 23.0 18.2 27.2





#23

Nitrobenzene-d5

Concen: 107.080 ng

RT: 9.287 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

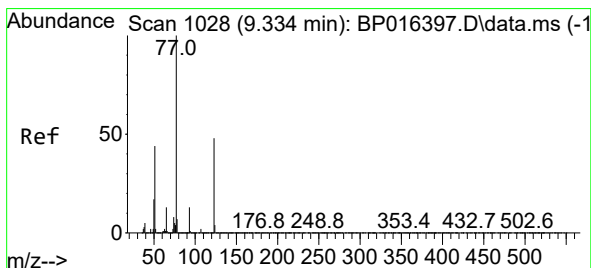
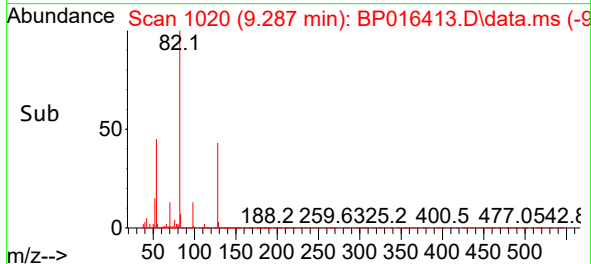
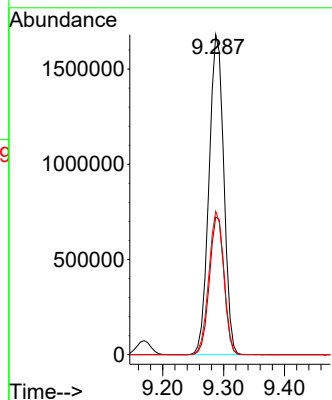
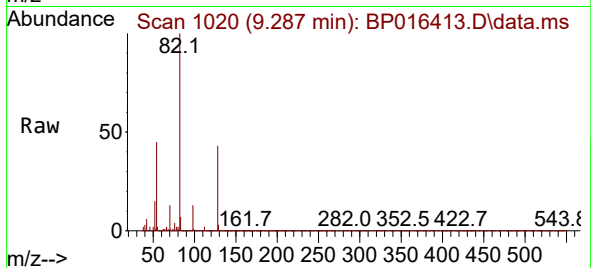
Tgt Ion: 82 Resp: 2835785

Ion Ratio Lower Upper

82 100

128 43.0 36.6 55.0

54 44.8 34.5 51.7



#24

Nitrobenzene

Concen: 49.458 ng

RT: 9.334 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

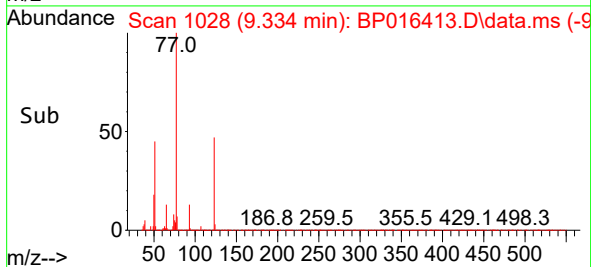
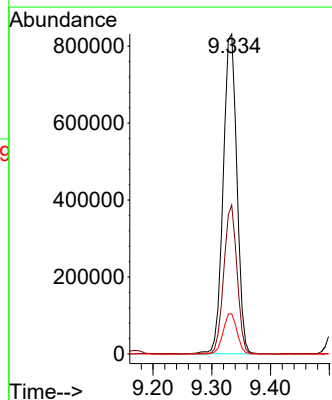
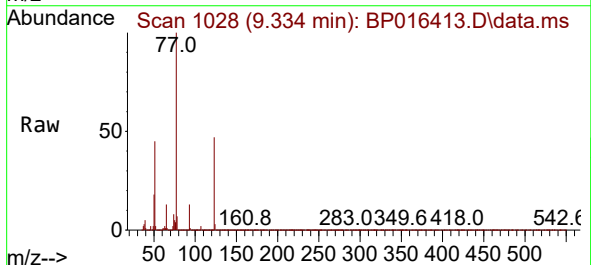
Tgt Ion: 77 Resp: 1345300

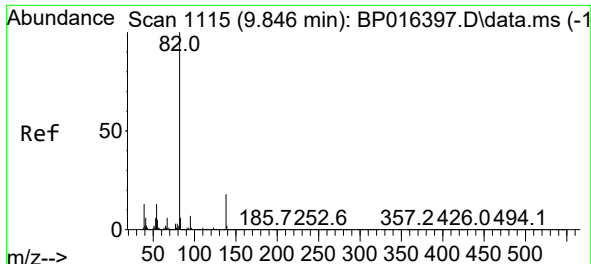
Ion Ratio Lower Upper

77 100

123 46.5 38.6 58.0

65 12.5 10.5 15.7

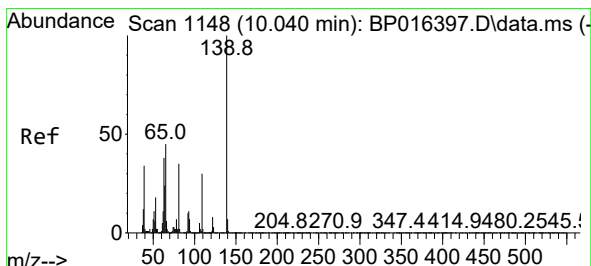
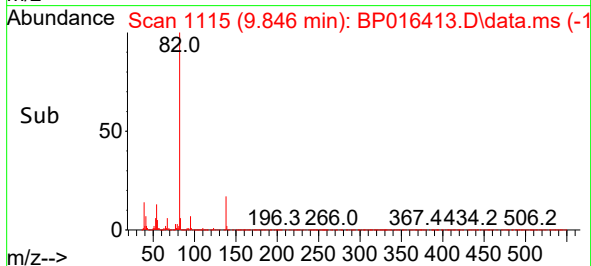
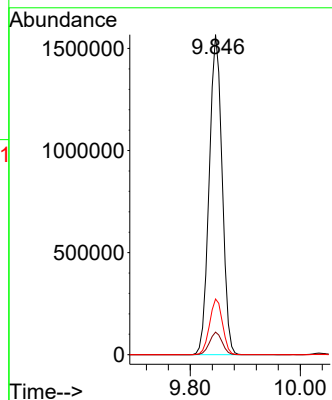
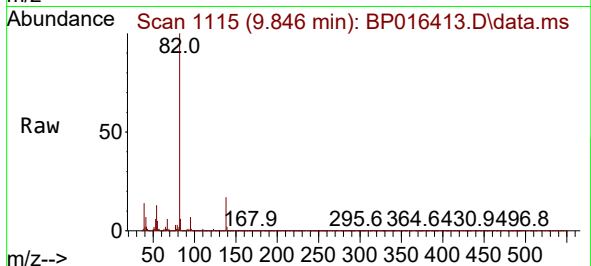




#25
Isophorone
Concen: 47.751 ng
RT: 9.846 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

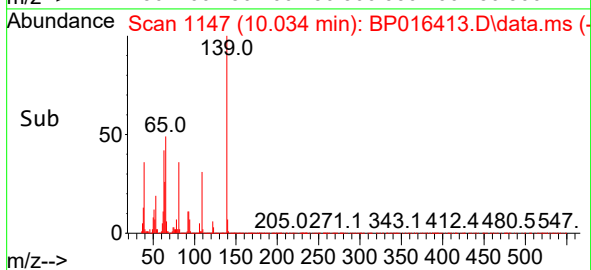
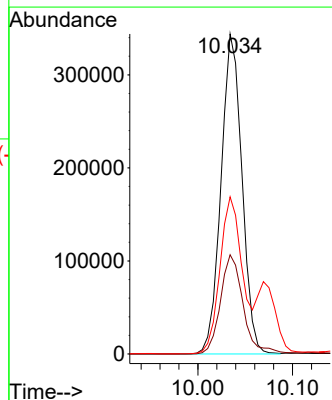
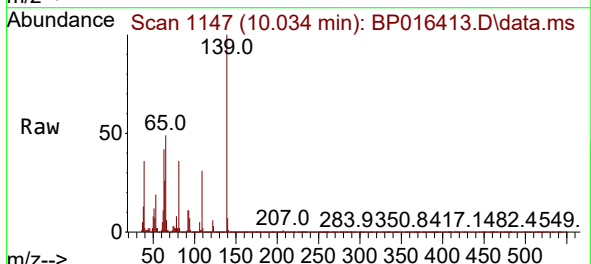
Instrument :
BNA_P
ClientSampleId :
PB154218BS

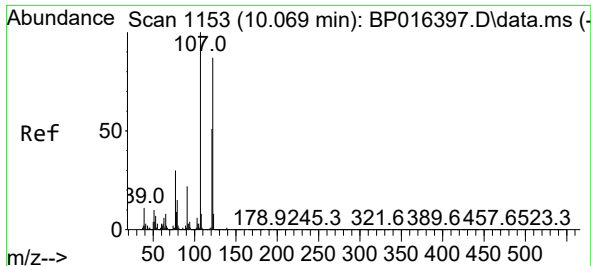
Tgt Ion: 82 Resp: 2553093
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.4 14.6 22.0



#26
2-Nitrophenol
Concen: 45.289 ng
RT: 10.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 139 Resp: 528732
Ion Ratio Lower Upper
139 100
109 31.0 24.2 36.4
65 49.1 35.8 53.6

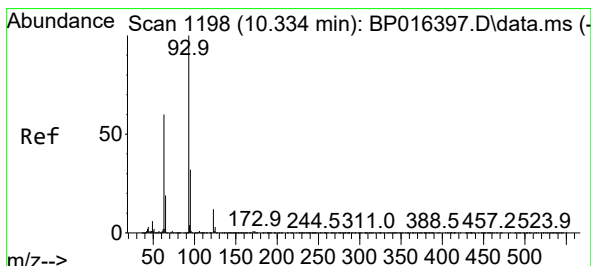
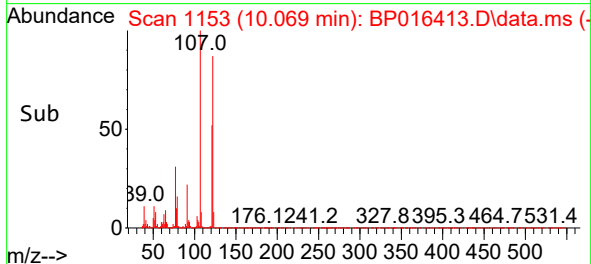
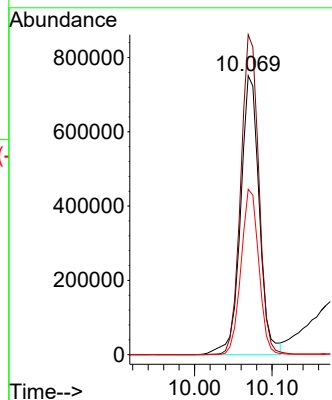
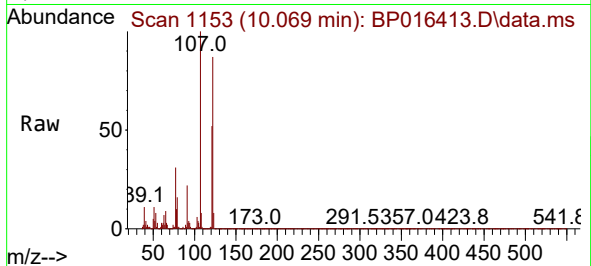




#27
2,4-Dimethylphenol
Concen: 52.652 ng
RT: 10.069 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

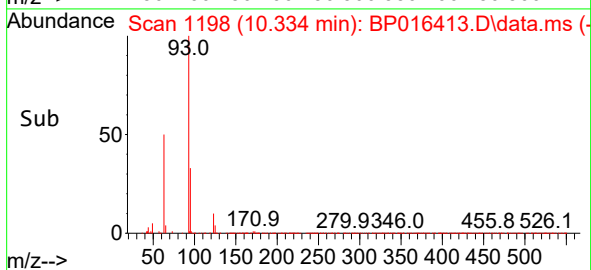
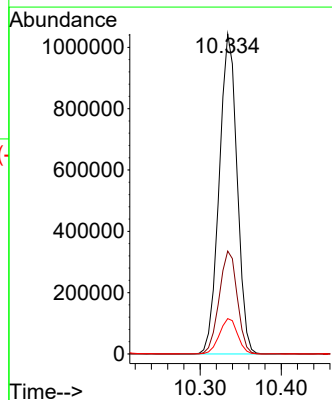
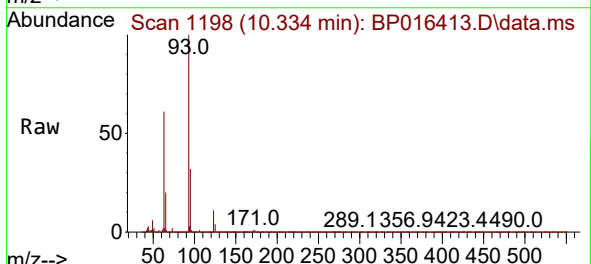
Instrument :
BNA_P
ClientSampleId :
PB154218BS

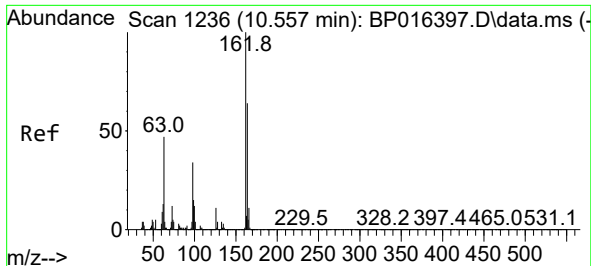
Tgt Ion:122 Resp: 1259426
Ion Ratio Lower Upper
122 100
107 114.7 91.9 137.9
121 59.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 48.811 ng
RT: 10.334 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 93 Resp: 1598585
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 11.1 9.4 14.0

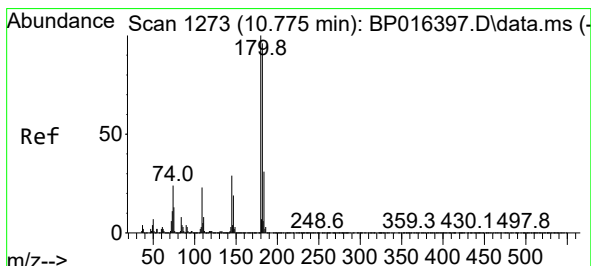
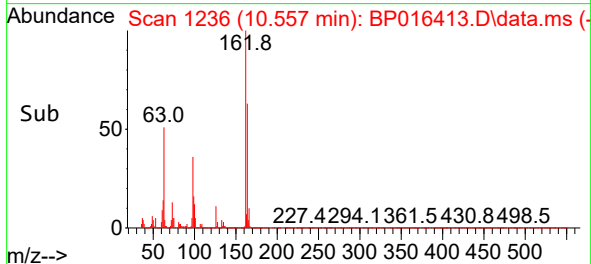
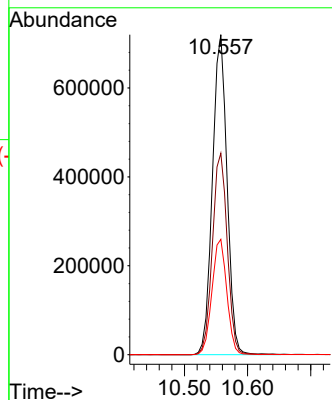
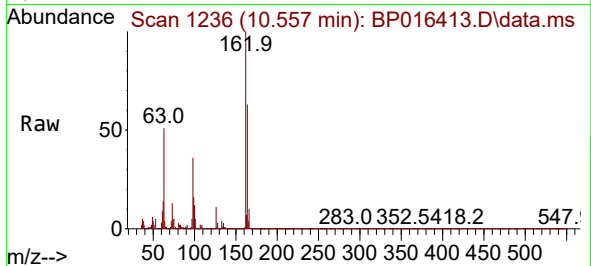




#29
2,4-Dichlorophenol
Concen: 51.665 ng
RT: 10.557 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

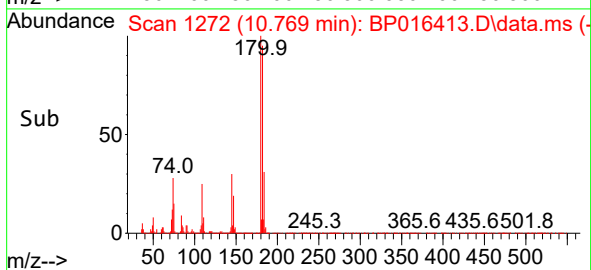
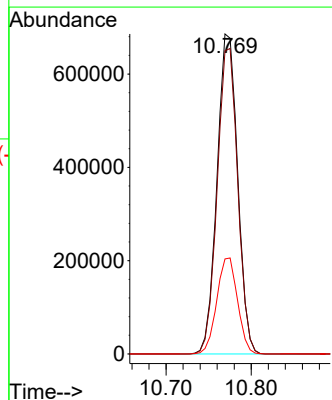
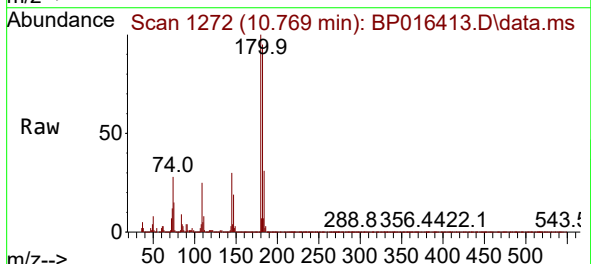
Instrument :
BNA_P
ClientSampleId :
PB154218BS

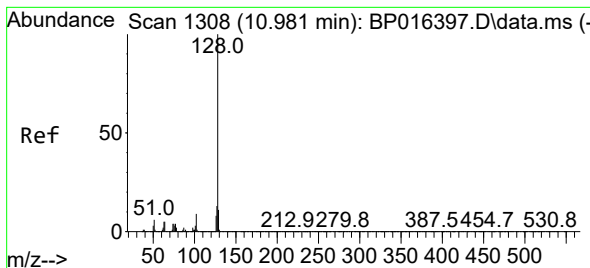
Tgt Ion:162 Resp: 1156555
Ion Ratio Lower Upper
162 100
164 63.0 44.2 84.2
98 36.1 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 47.567 ng
RT: 10.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:180 Resp: 1153341
Ion Ratio Lower Upper
180 100
182 94.8 77.1 115.7
145 29.7 22.9 34.3

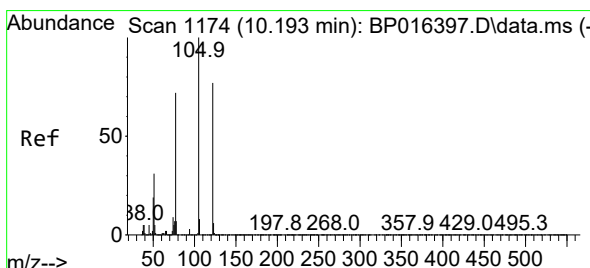
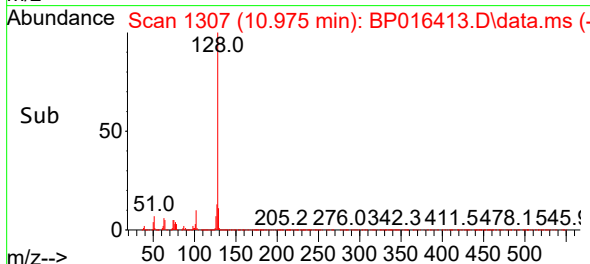
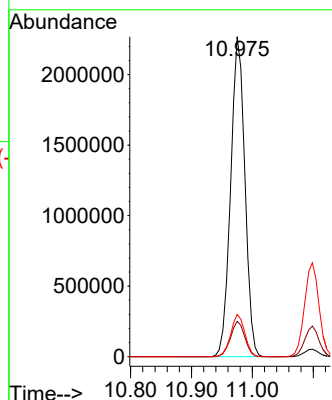
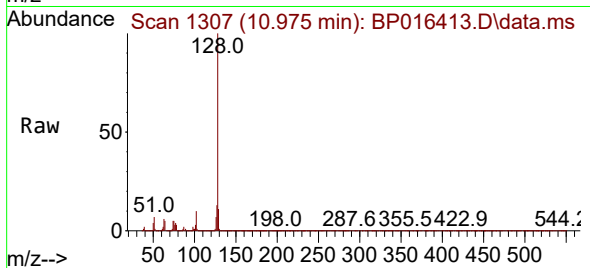




#31
Naphthalene
Concen: 47.539 ng
RT: 10.975 min Scan# 11175
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

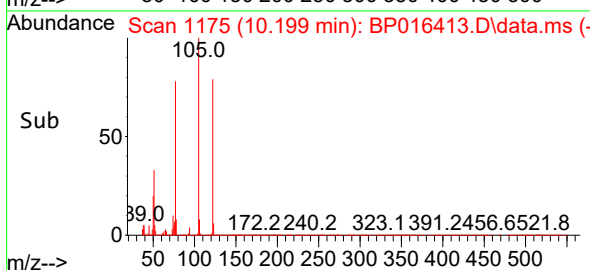
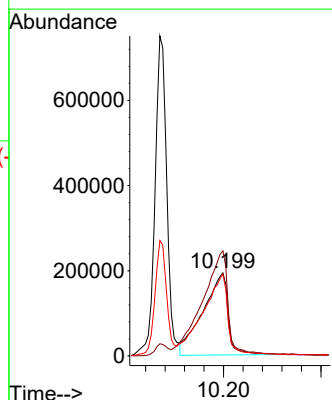
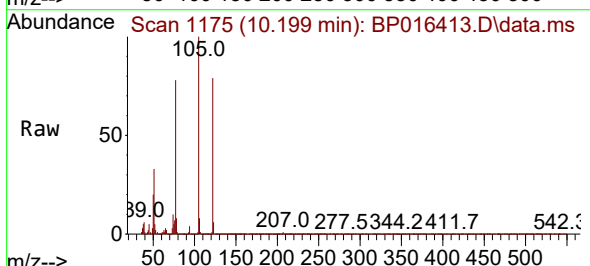
Instrument :
BNA_P
ClientSampleId :
PB154218BS

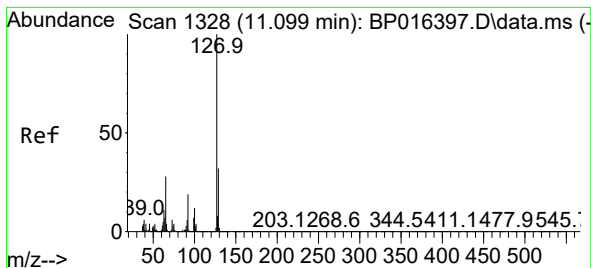
Tgt Ion:128 Resp: 3686346
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 44.735 ng
RT: 10.199 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:122 Resp: 694339
Ion Ratio Lower Upper
122 100
105 126.7 105.2 145.2
77 98.8 72.2 112.2



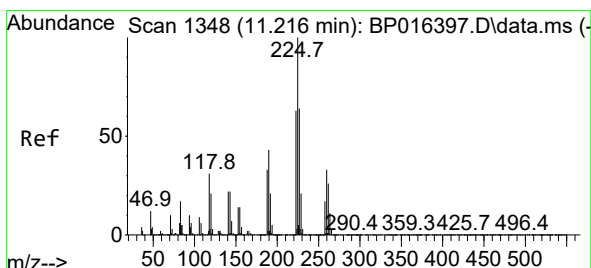
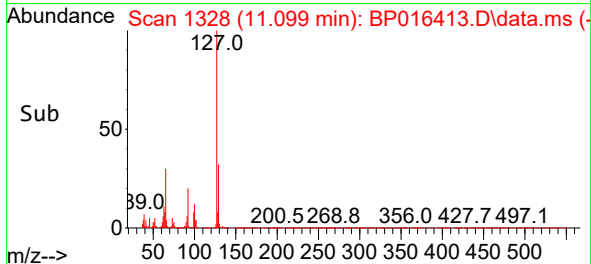
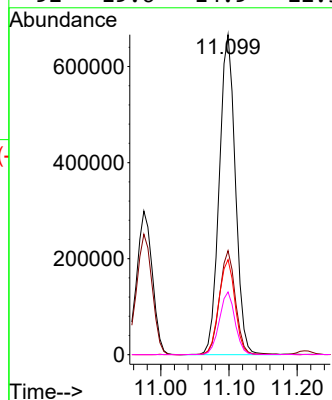
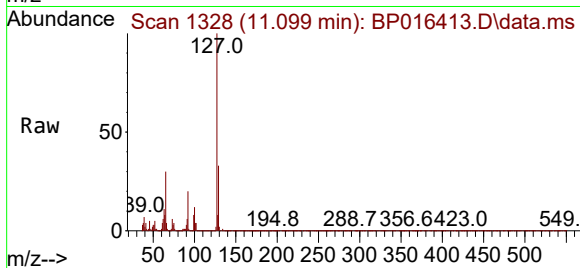


#33
4-Chloroaniline
Concen: 31.271 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Instrument :
BNA_P
ClientSampleId :
PB154218BS

Tgt Ion:127 Resp: 1093818

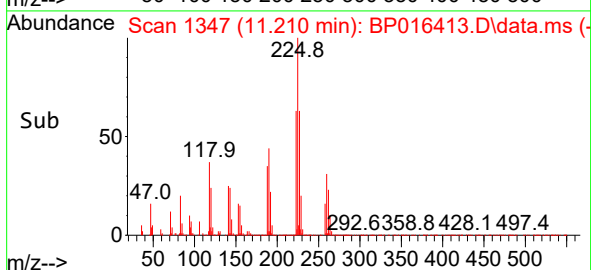
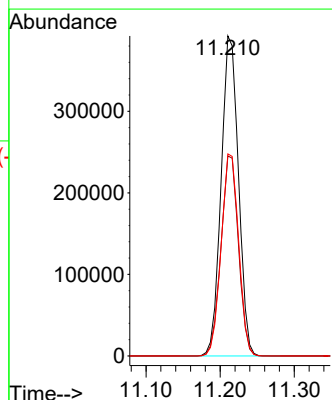
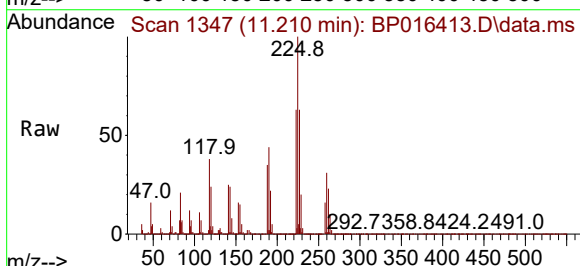
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	29.7	22.7	34.1
92	19.6	14.9	22.3

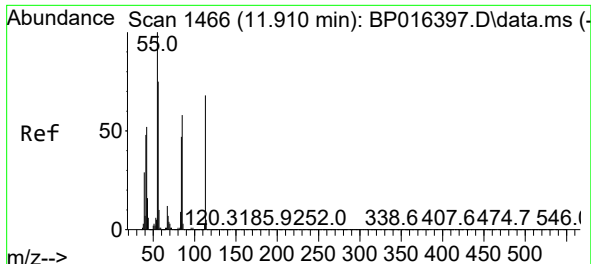


#34
Hexachlorobutadiene
Concen: 44.317 ng
RT: 11.210 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:225 Resp: 636180

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.4
227	63.2	51.0	76.6

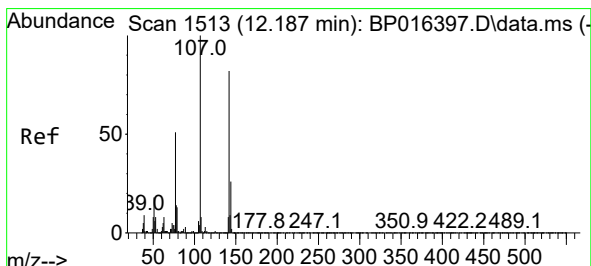
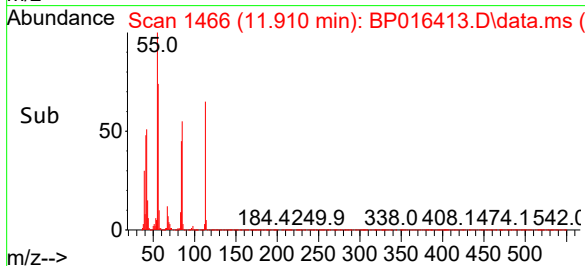
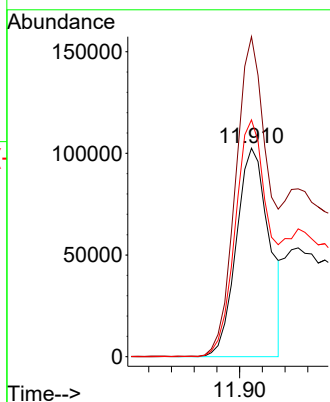
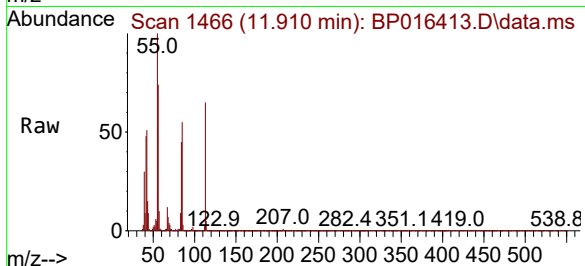




#35
 Caprolactam
 Concen: 25.211 ng
 RT: 11.910 min Scan# 1466
 Delta R.T. -0.000 min
 Lab File: BP016413.D
 Acq: 28 Jul 2023 09:12

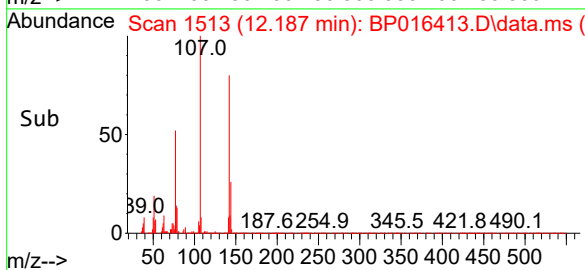
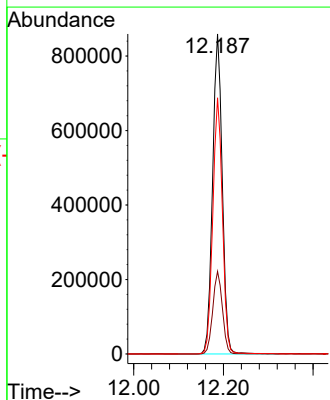
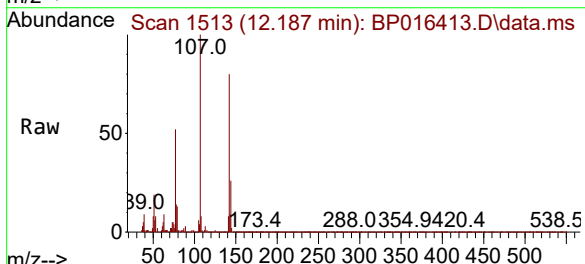
Instrument :
 BNA_P
 ClientSampleId :
 PB154218BS

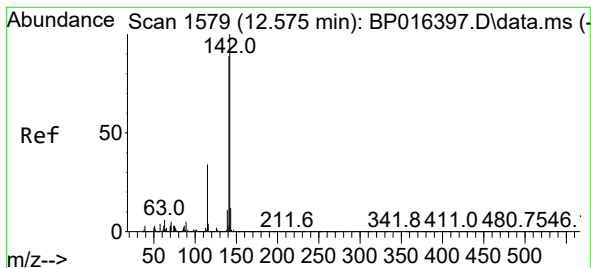
Tgt Ion:113 Resp: 206226
 Ion Ratio Lower Upper
 113 100
 55 153.5 128.0 168.0
 56 113.6 91.3 131.3



#36
 4-Chloro-3-methylphenol
 Concen: 51.627 ng
 RT: 12.187 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: BP016413.D
 Acq: 28 Jul 2023 09:12

Tgt Ion:107 Resp: 1284659
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.0 31.6
 142 80.1 65.6 98.4





#37

2-Methylnaphthalene

Concen: 45.473 ng

RT: 12.569 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

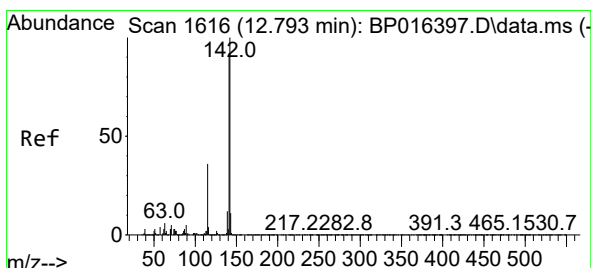
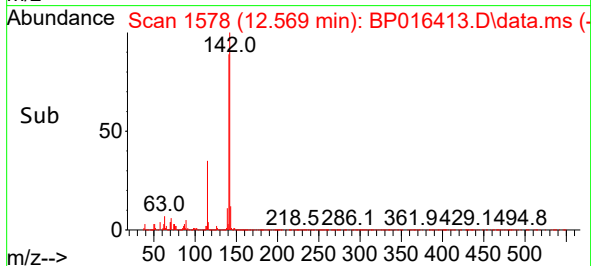
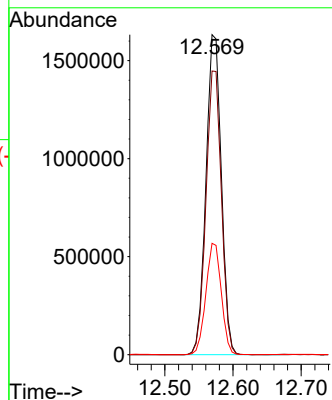
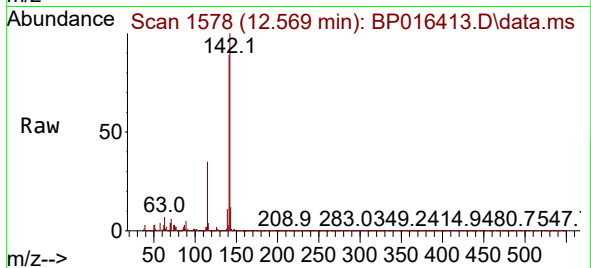
Tgt Ion:142 Resp: 2561642

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.2

115 34.8 27.0 40.4



#38

1-Methylnaphthalene

Concen: 45.645 ng

RT: 12.793 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

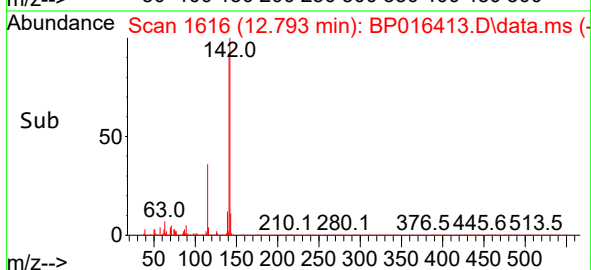
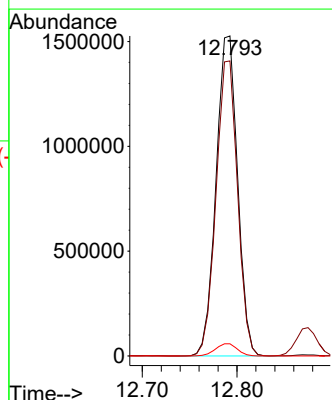
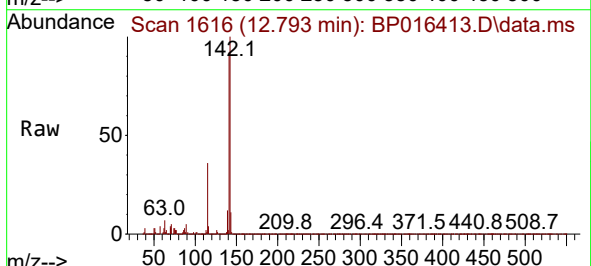
Tgt Ion:142 Resp: 2410662

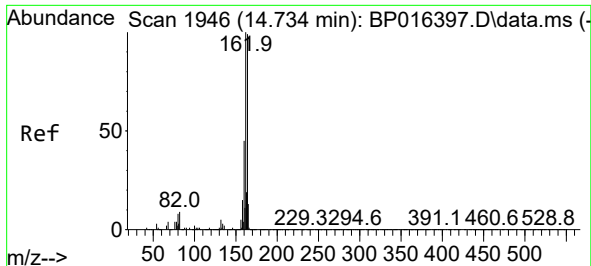
Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6

116 3.8 2.9 4.3

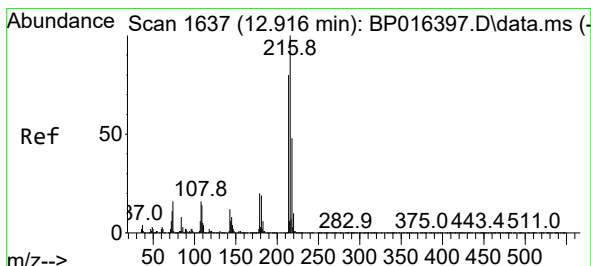
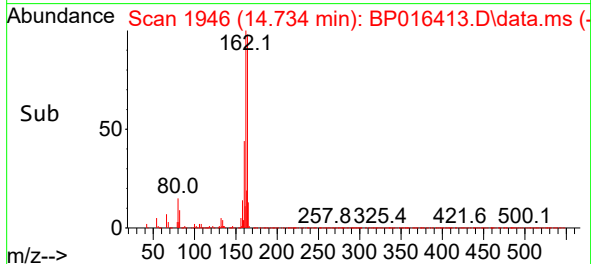
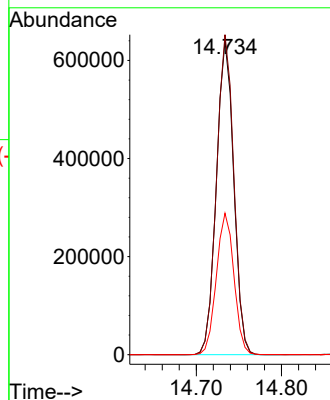
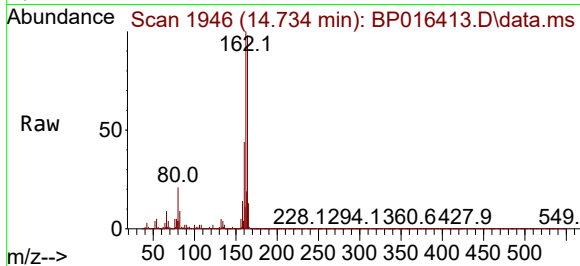




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

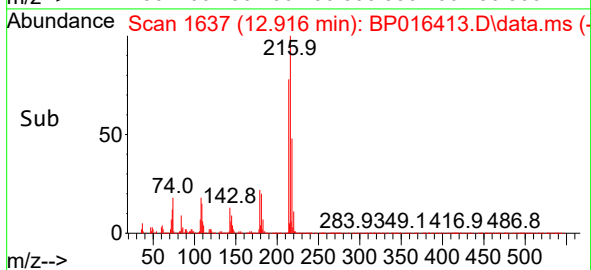
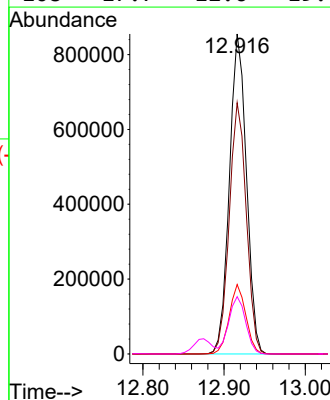
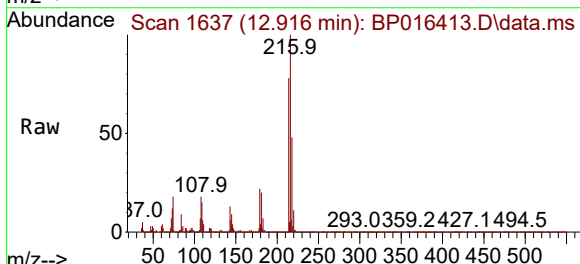
Instrument :
BNA_P
ClientSampleId :
PB154218BS

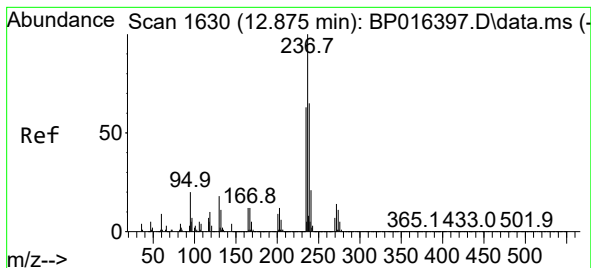
Tgt Ion:164 Resp: 905687
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 45.1 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.253 ng
RT: 12.916 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:216 Resp: 1245495
Ion Ratio Lower Upper
216 100
214 78.5 62.8 94.2
179 21.2 16.0 24.0
108 17.7 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 117.048 ng

RT: 12.875 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

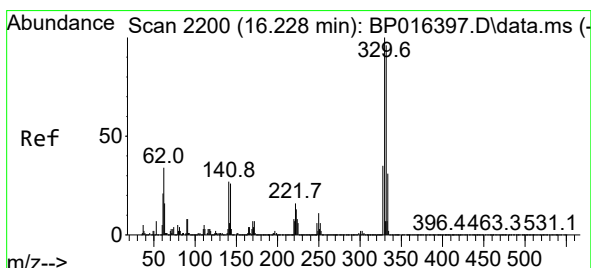
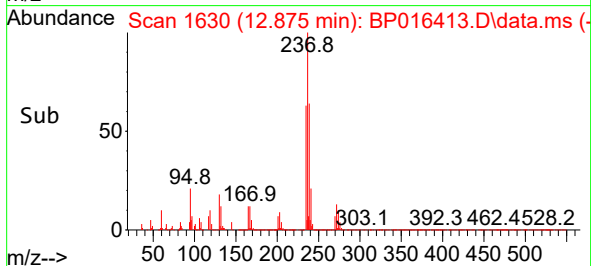
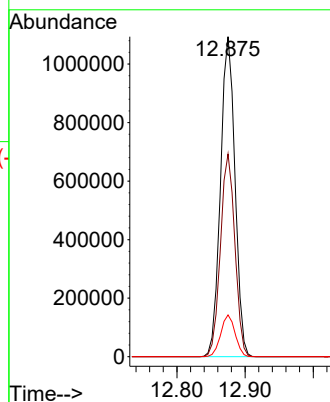
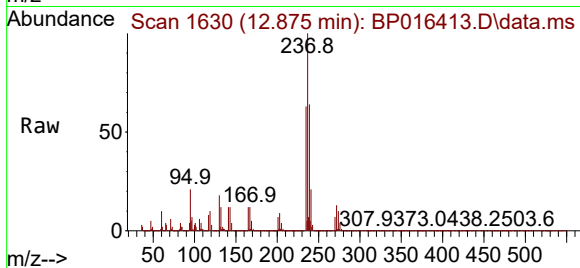
Tgt Ion:237 Resp: 1617975

Ion Ratio Lower Upper

237 100

235 63.4 42.7 82.7

272 13.1 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 134.657 ng

RT: 16.228 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

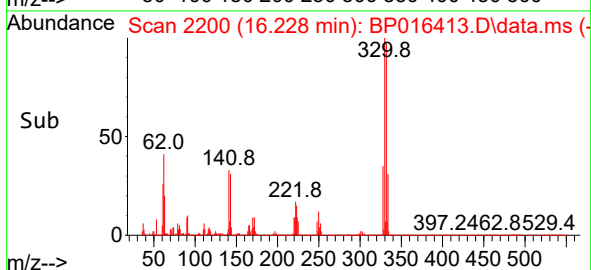
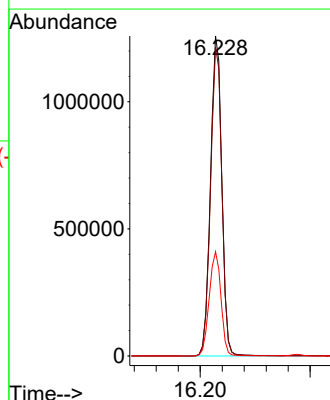
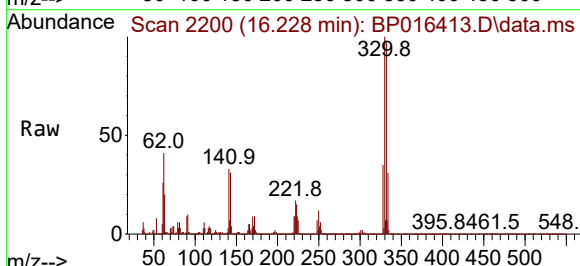
Tgt Ion:330 Resp: 1794162

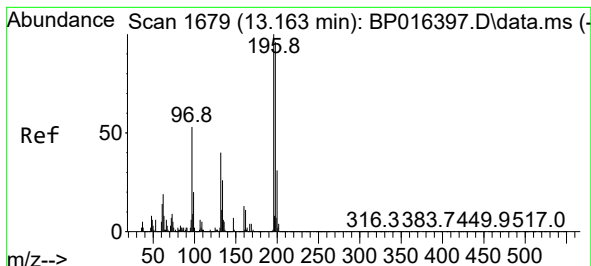
Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.8

141 33.9 22.6 34.0





#43

2,4,6-Trichlorophenol

Concen: 50.285 ng

RT: 13.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

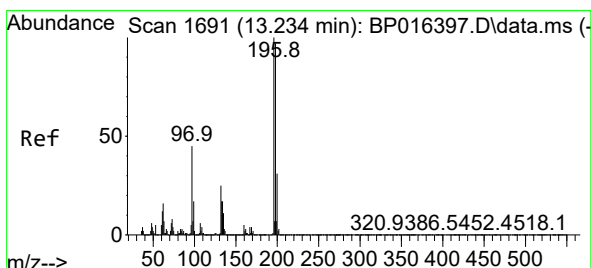
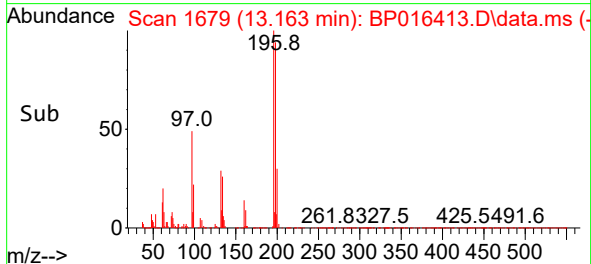
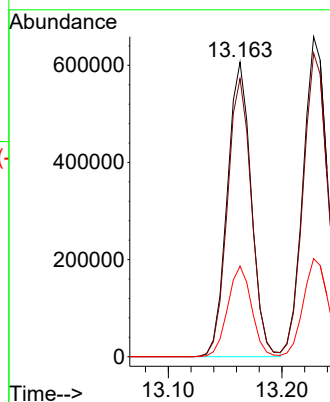
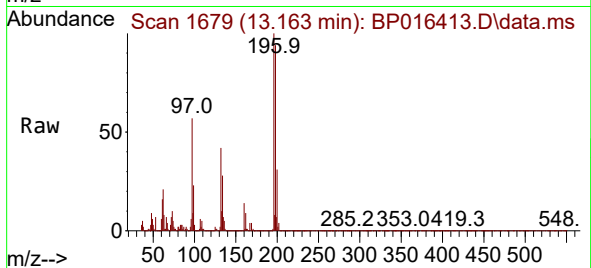
Tgt Ion:196 Resp: 888023

Ion Ratio Lower Upper

196 100

198 94.4 77.0 115.4

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.397 ng

RT: 13.228 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Tgt Ion:196 Resp: 994065

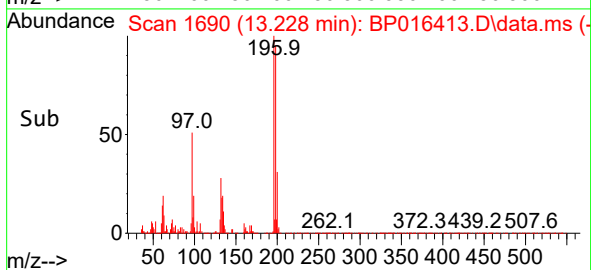
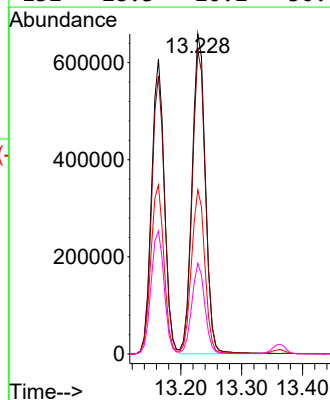
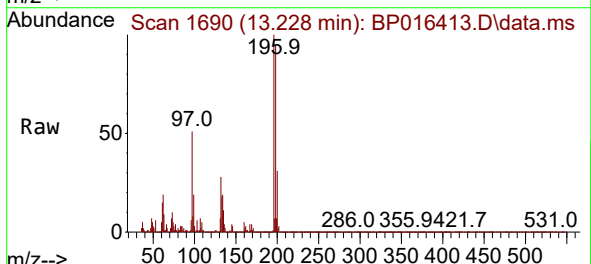
Ion Ratio Lower Upper

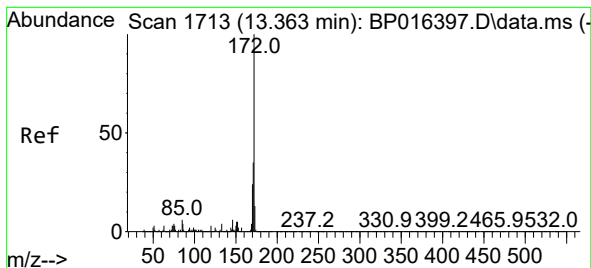
196 100

198 94.8 77.3 115.9

97 51.3 36.2 54.4

132 28.3 20.2 30.4

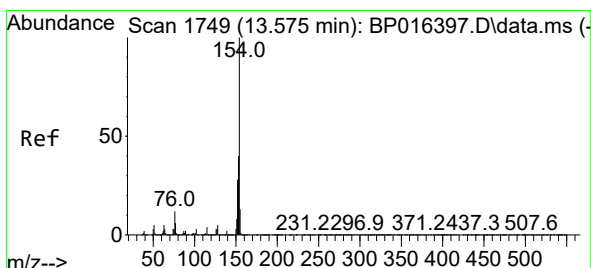
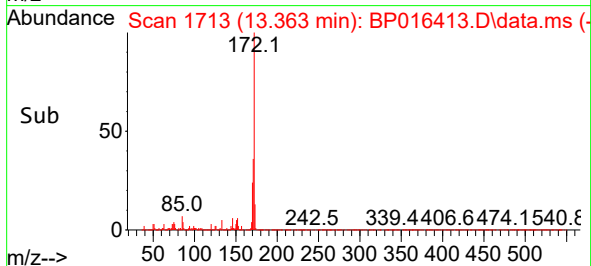
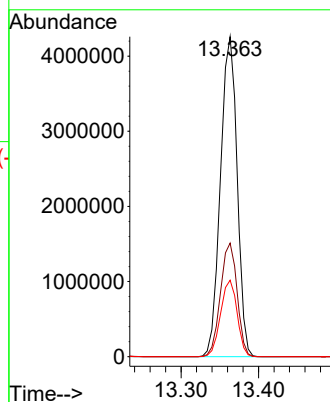
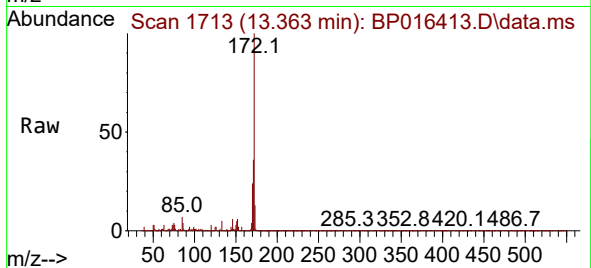




#45
2-Fluorobiphenyl
Concen: 100.727 ng
RT: 13.363 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

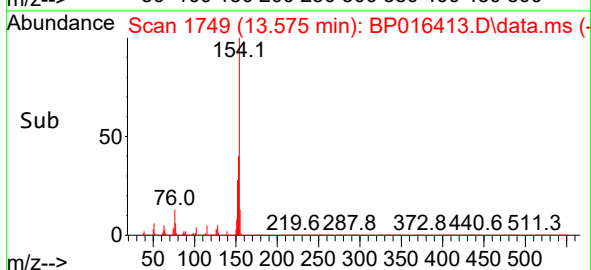
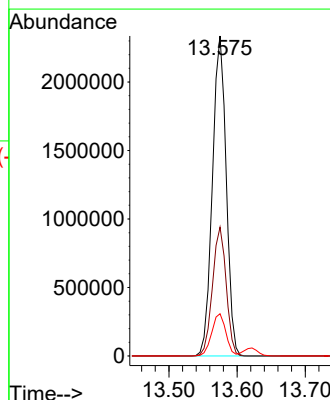
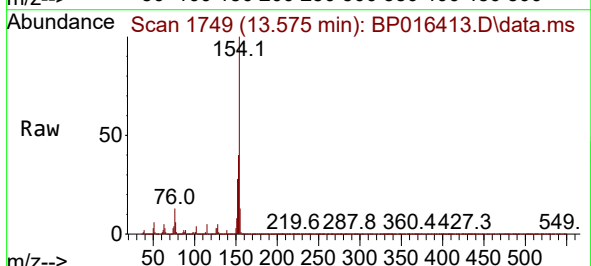
Instrument :
BNA_P
ClientSampleId :
PB154218BS

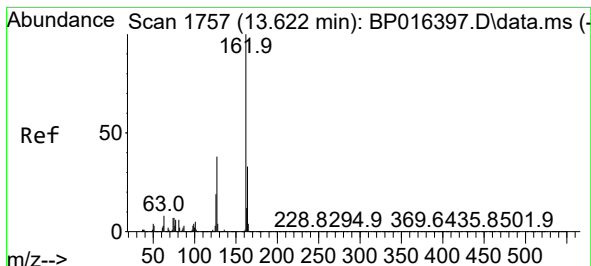
Tgt Ion:172 Resp: 6363208
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 47.594 ng
RT: 13.575 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:154 Resp: 3285804
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 13.2 0.0 32.5

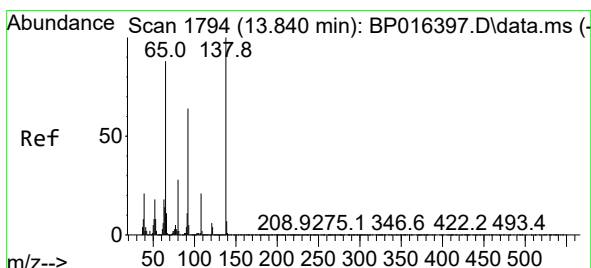
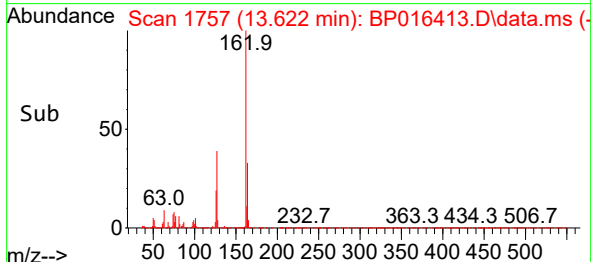
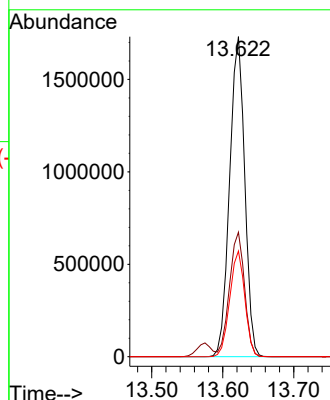
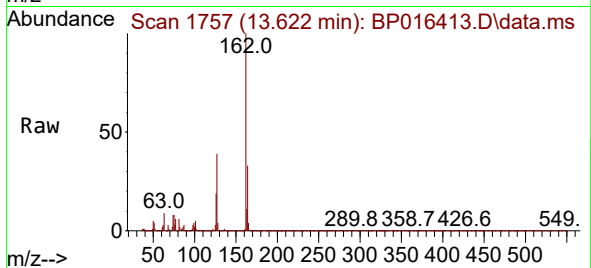




#47
2-Chloronaphthalene
Concen: 49.115 ng
RT: 13.622 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

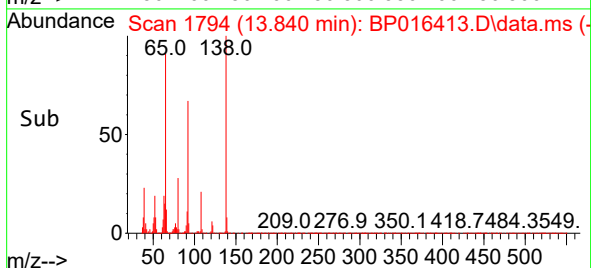
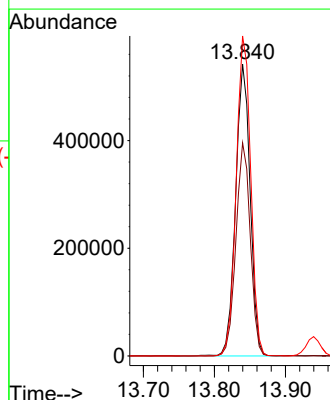
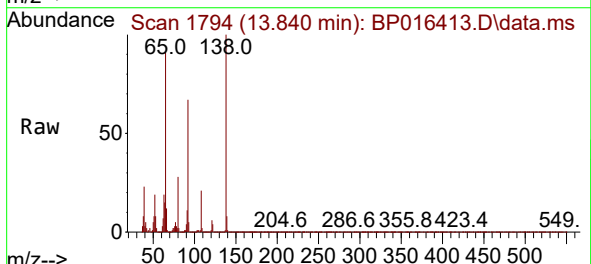
Instrument :
BNA_P
ClientSampleId :
PB154218BS

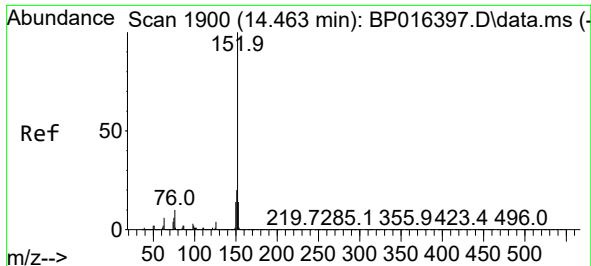
Tgt Ion:162 Resp: 2558166
Ion Ratio Lower Upper
162 100
127 38.9 30.1 45.1
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 52.604 ng
RT: 13.840 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 65 Resp: 772319
Ion Ratio Lower Upper
65 100
92 73.1 58.2 87.4
138 109.7 91.3 136.9

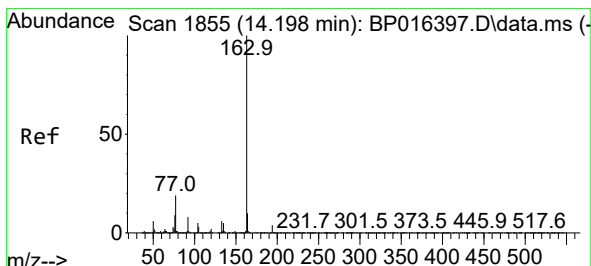
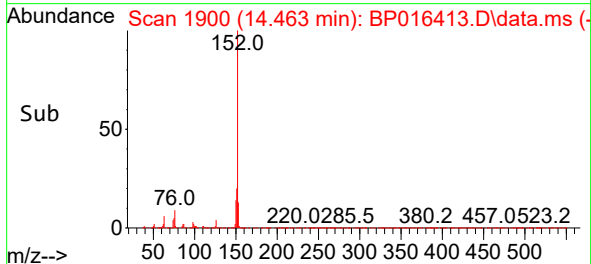
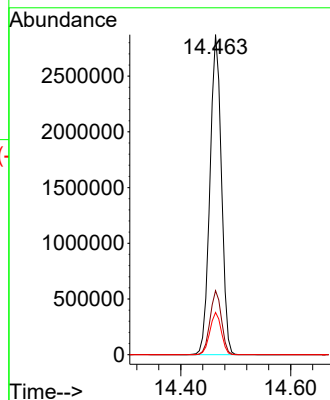
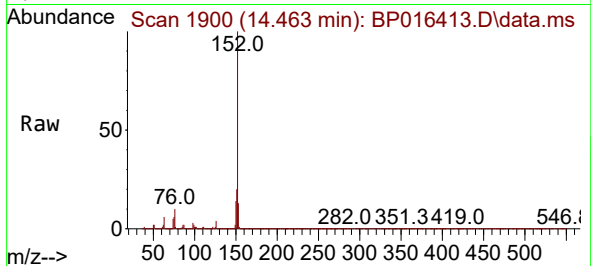




#49
Acenaphthylene
Concen: 48.096 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

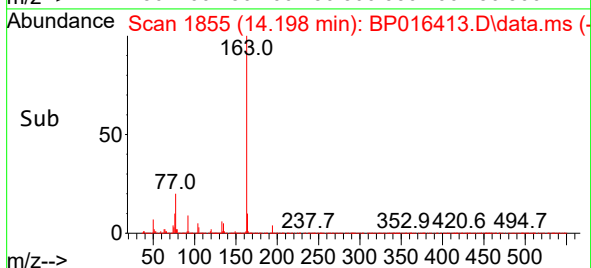
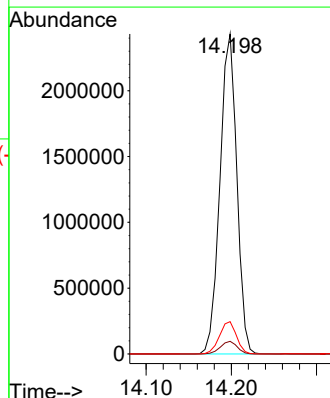
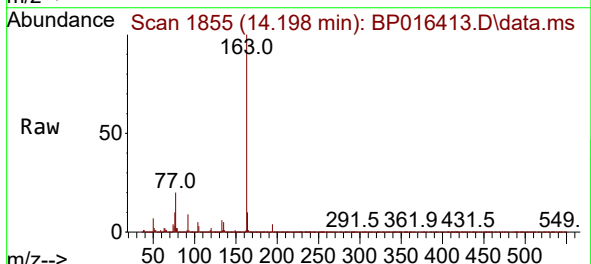
Instrument :
BNA_P
ClientSampleId :
PB154218BS

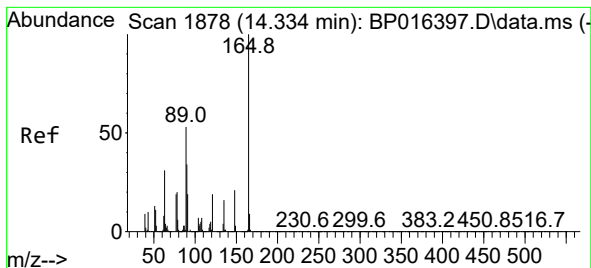
Tgt Ion:152 Resp: 4156482
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 47.335 ng
RT: 14.198 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:163 Resp: 3340748
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.1 8.2 12.2

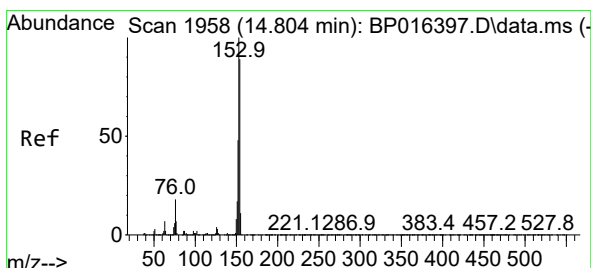
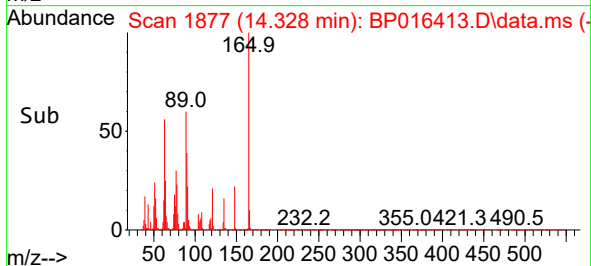
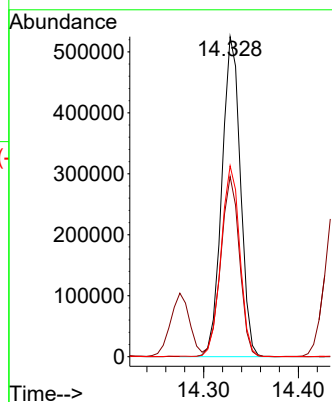
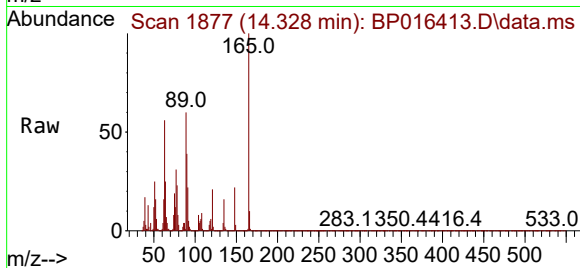




#51
2,6-Dinitrotoluene
Concen: 49.376 ng
RT: 14.328 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

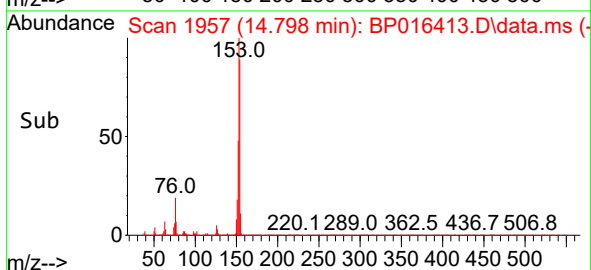
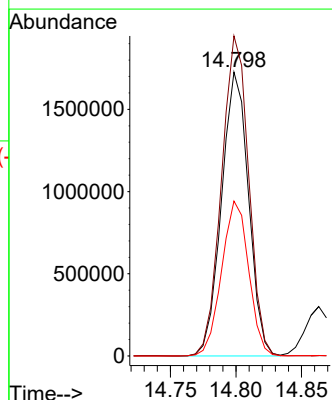
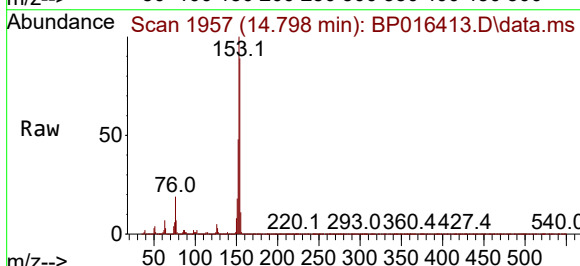
Instrument :
BNA_P
ClientSampleId :
PB154218BS

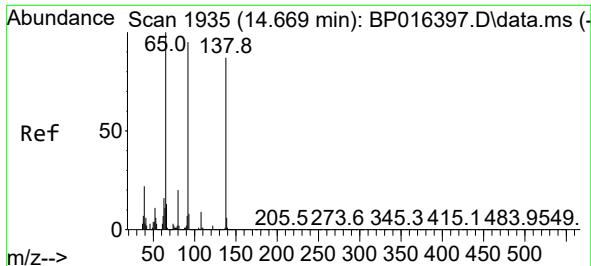
Tgt Ion:165 Resp: 713909
Ion Ratio Lower Upper
165 100
63 56.3 39.1 58.7
89 59.7 42.5 63.7



#52
Acenaphthene
Concen: 48.053 ng
RT: 14.798 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:154 Resp: 2469468
Ion Ratio Lower Upper
154 100
153 112.8 90.4 135.6
152 54.6 43.4 65.0

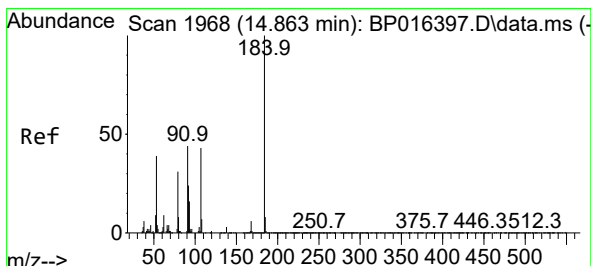
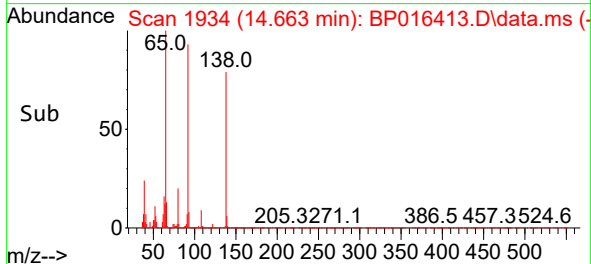
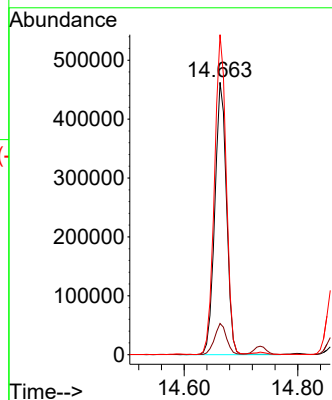
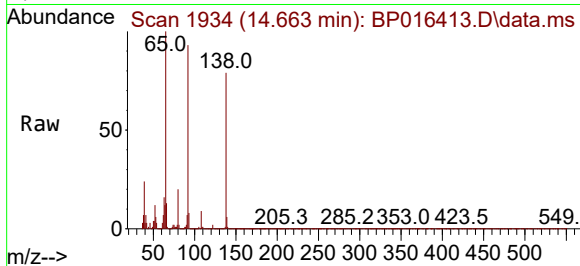




#53
3-Nitroaniline
Concen: 40.216 ng
RT: 14.663 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

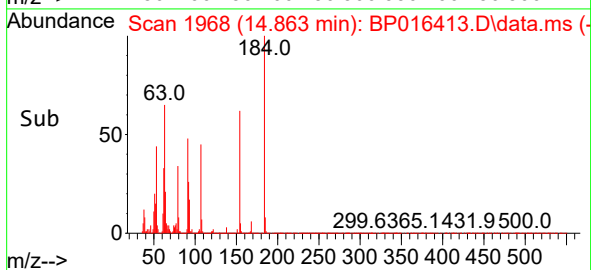
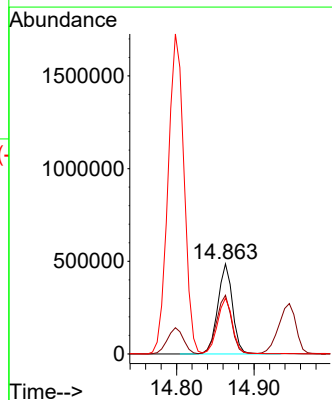
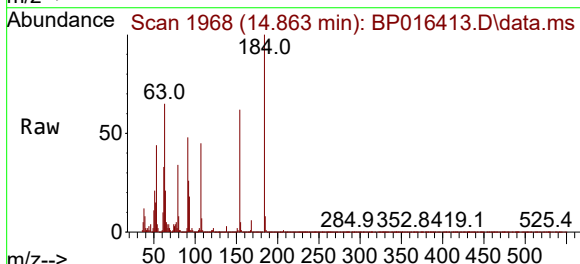
Instrument :
BNA_P
ClientSampleId :
PB154218BS

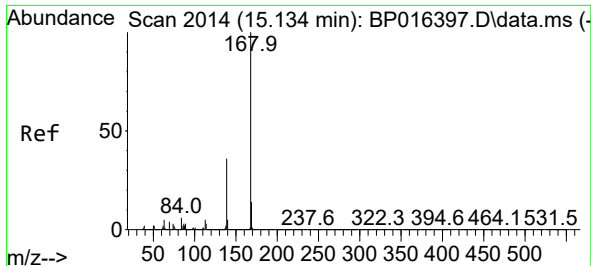
Tgt Ion:138 Resp: 657374
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 117.5 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 93.221 ng
RT: 14.863 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:184 Resp: 640485
Ion Ratio Lower Upper
184 100
63 65.3 48.2 72.4
154 62.0 49.6 74.4

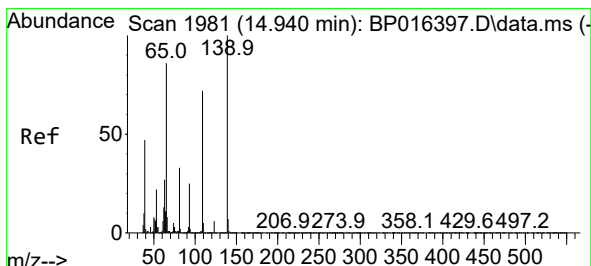
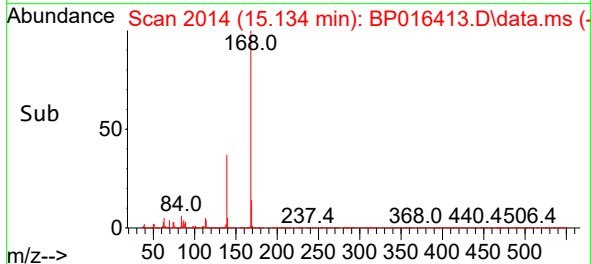
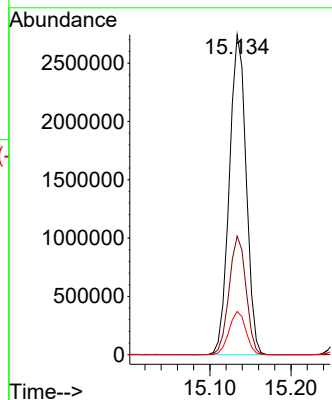
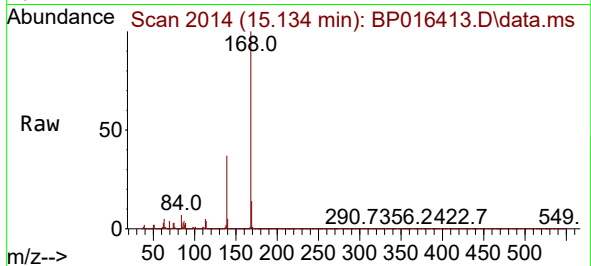




#55
Dibenzofuran
Concen: 46.771 ng
RT: 15.134 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

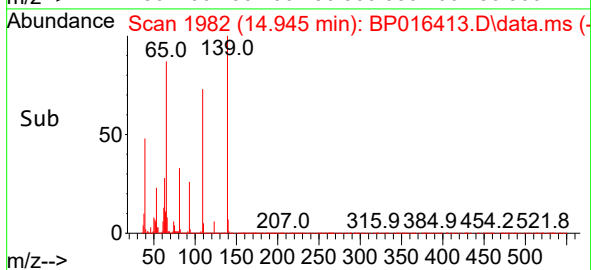
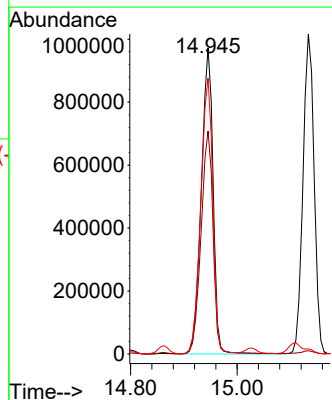
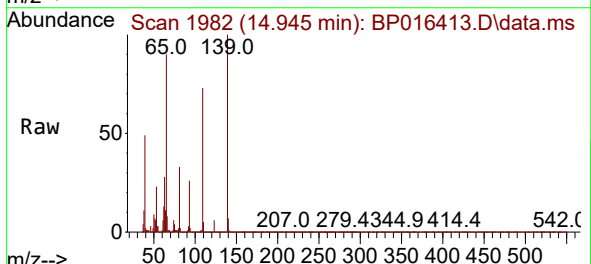
Instrument :
BNA_P
ClientSampleId :
PB154218BS

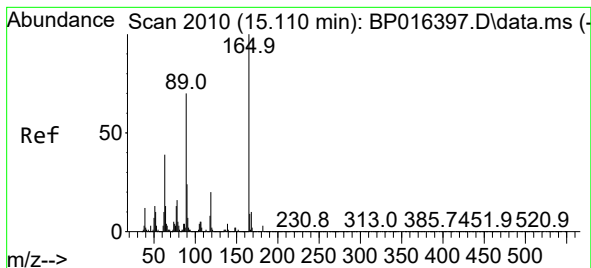
Tgt Ion:168 Resp: 3942045
Ion Ratio Lower Upper
168 100
139 37.0 28.9 43.3
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 116.172 ng
RT: 14.945 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:139 Resp: 1486507
Ion Ratio Lower Upper
139 100
109 72.8 51.9 91.9
65 90.1 66.2 106.2

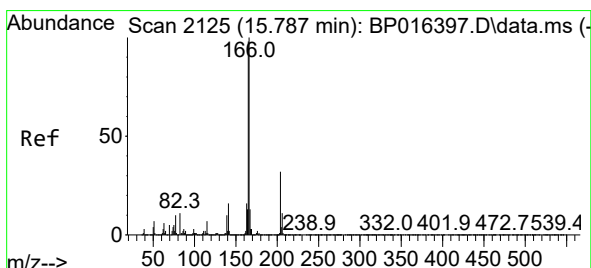
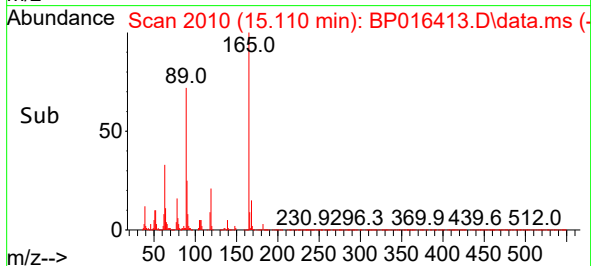
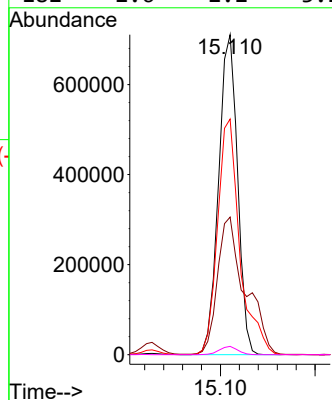
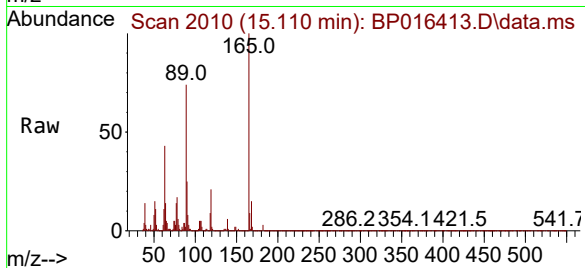




#57
2,4-Dinitrotoluene
Concen: 52.348 ng
RT: 15.110 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

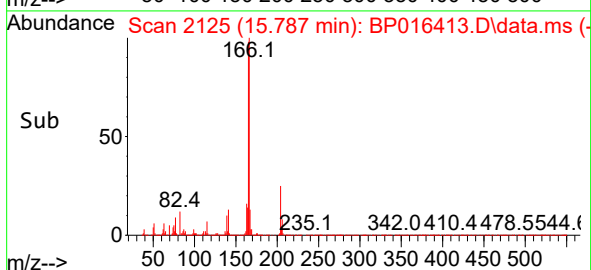
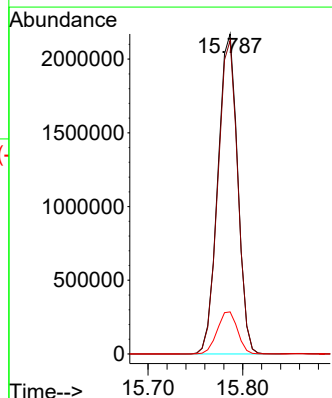
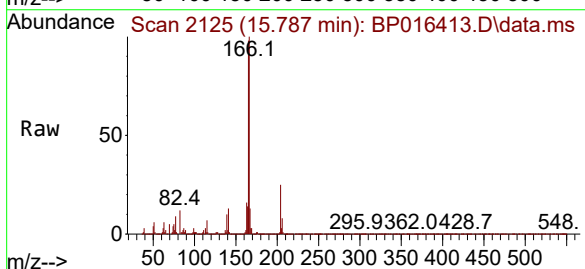
Instrument :
BNA_P
ClientSampleId :
PB154218BS

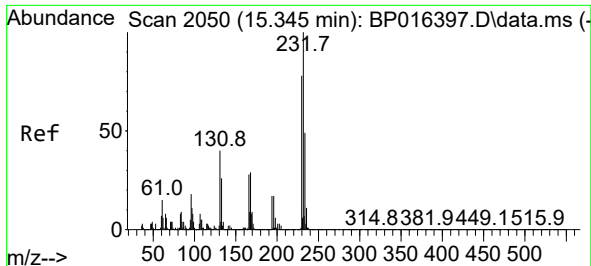
Tgt Ion:165 Resp: 986415
Ion Ratio Lower Upper
165 100
63 43.0 31.4 47.0
89 73.7 55.8 83.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 47.567 ng
RT: 15.787 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:166 Resp: 3149698
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.2 10.6 16.0

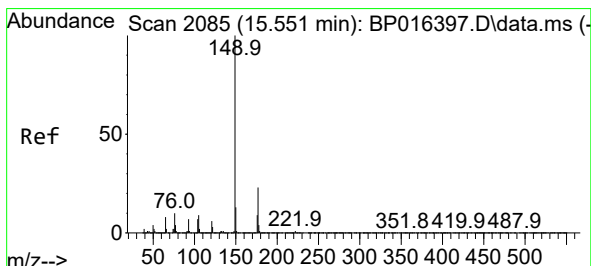
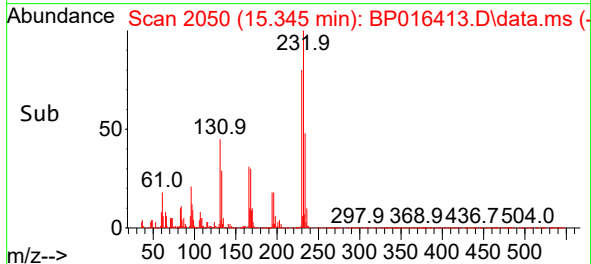
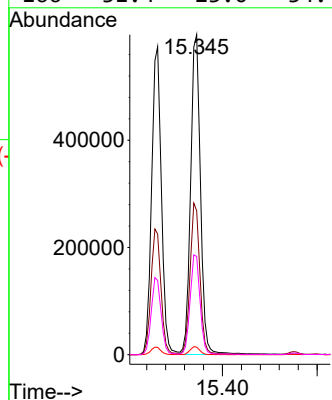
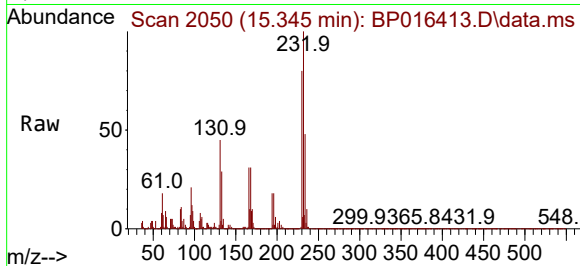




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.690 ng
RT: 15.345 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

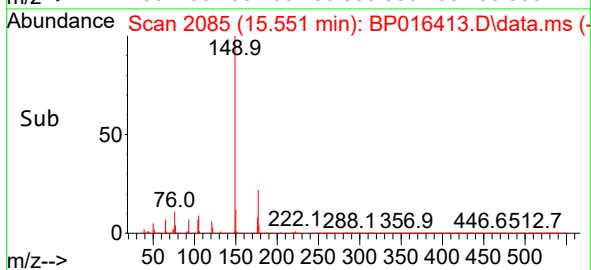
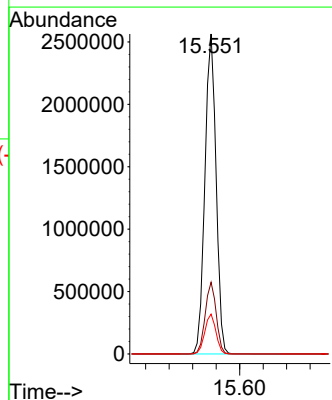
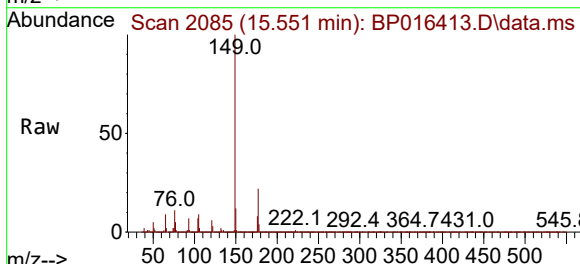
Instrument :
BNA_P
ClientSampleId :
PB154218BS

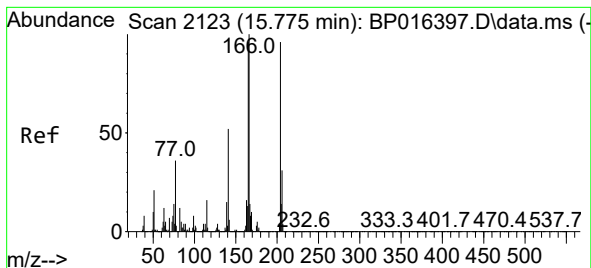
Tgt Ion:	232	Resp:	858146
Ion Ratio	Lower	Upper	
232	100		
131	47.0	33.1	49.7
130	2.5	1.8	2.8
166	31.4	23.0	34.4



#60
Diethylphthalate
Concen: 47.976 ng
RT: 15.551 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:	149	Resp:	3364953
Ion Ratio	Lower	Upper	
149	100		
177	22.4	18.6	27.8
150	12.5	10.1	15.1

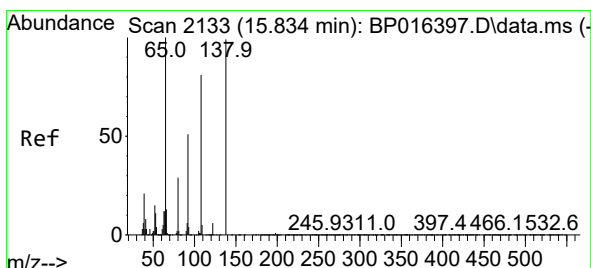
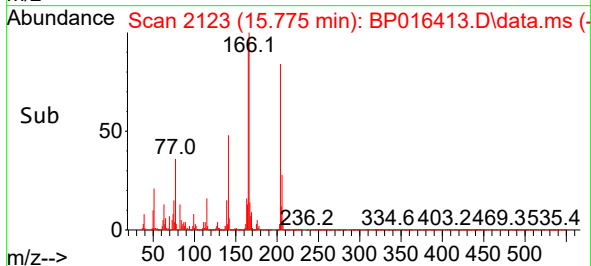
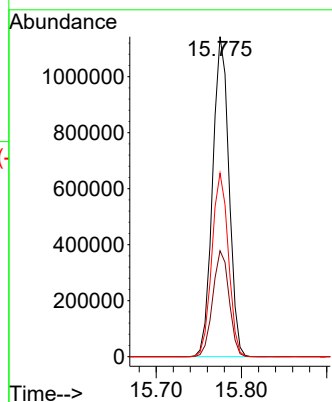
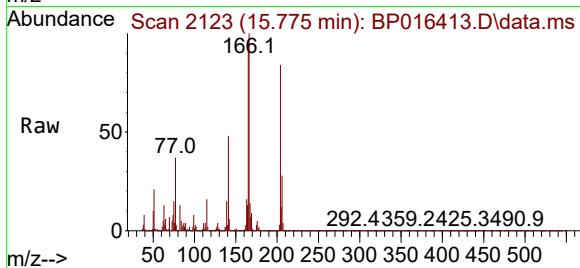




#61
4-Chlorophenyl-phenylether
Concen: 45.491 ng
RT: 15.775 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

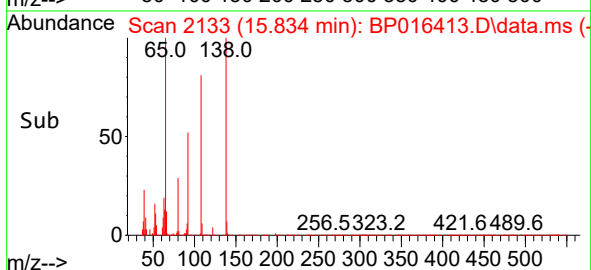
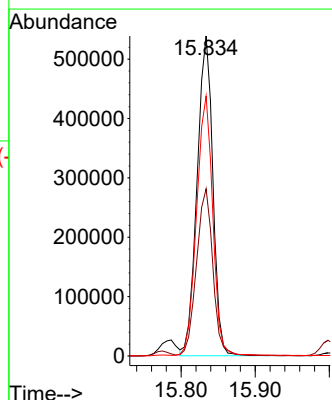
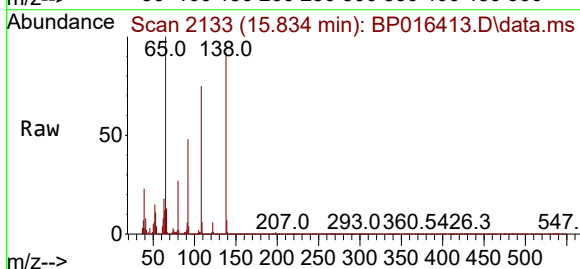
Instrument :
BNA_P
ClientSampleId :
PB154218BS

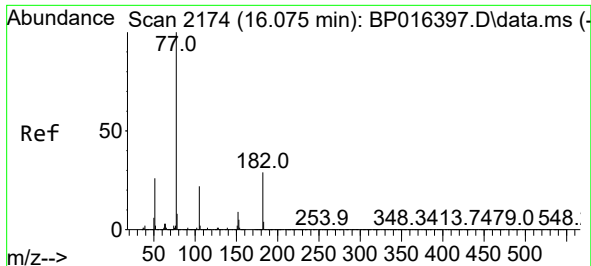
Tgt Ion:204 Resp: 1520032
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 57.3 43.4 65.0



#62
4-Nitroaniline
Concen: 49.024 ng
RT: 15.834 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:138 Resp: 795278
Ion Ratio Lower Upper
138 100
92 52.2 30.3 70.3
108 81.2 60.1 100.1



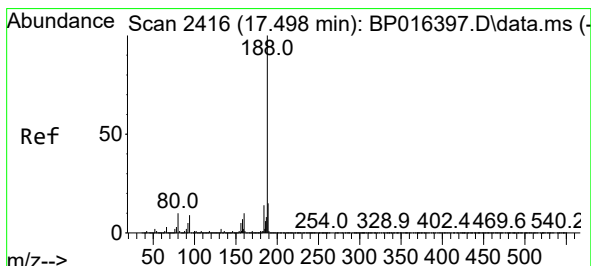
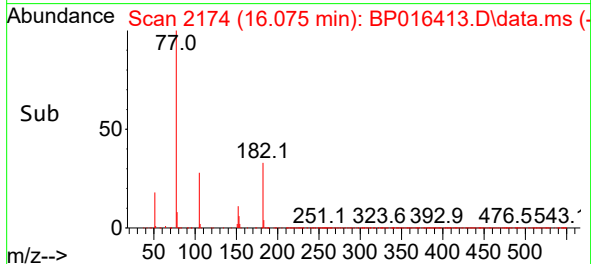
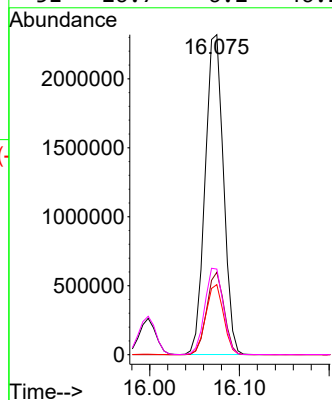
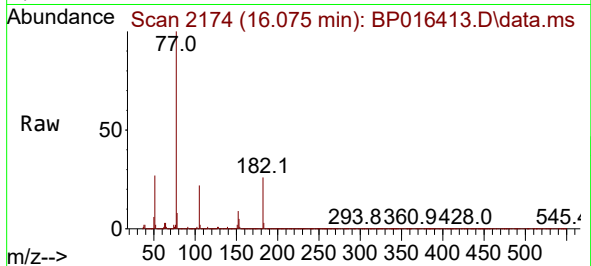


#63
Azobenzene
Concen: 49.552 ng
RT: 16.075 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Instrument :
BNA_P
ClientSampleId :
PB154218BS

Tgt Ion: 77 Resp: 3281647

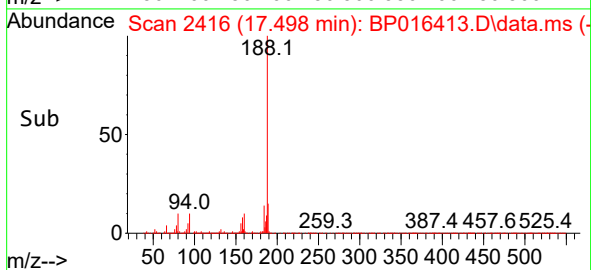
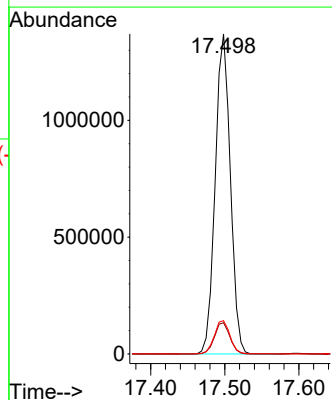
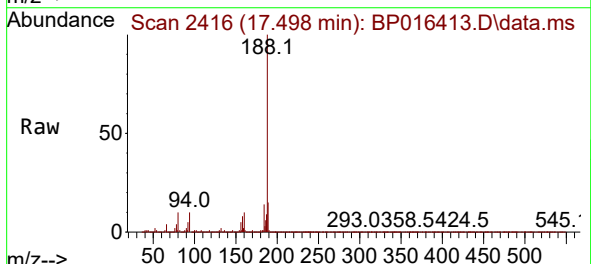
Ion	Ratio	Lower	Upper
77	100		
182	25.8	8.6	48.6
105	21.9	2.4	42.4
51	26.7	6.2	46.2

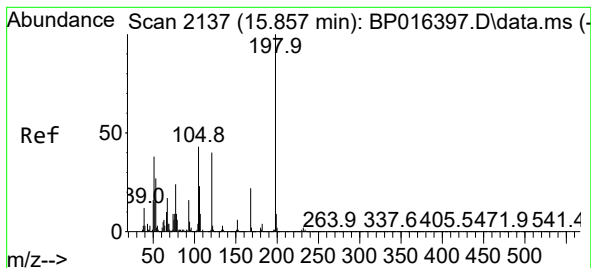


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 188 Resp: 1936048

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.0
80	10.4	7.8	11.8

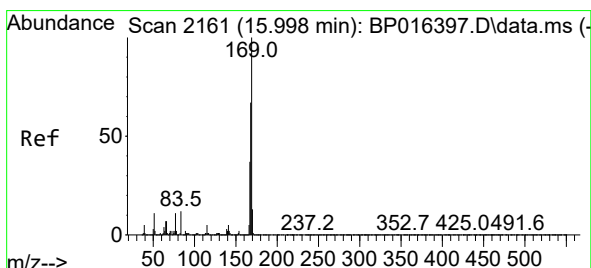
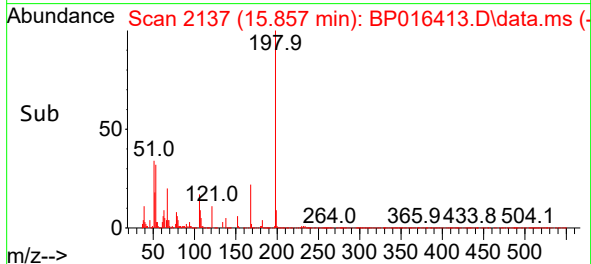
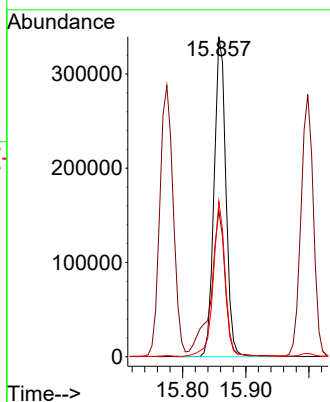
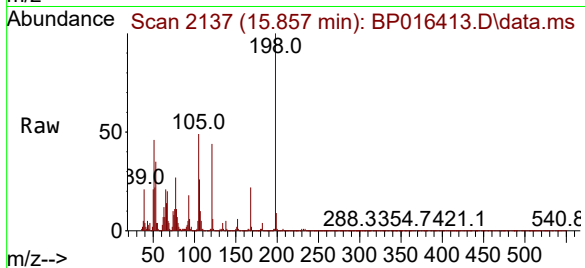




#65
4,6-Dinitro-2-methylphenol
Concen: 48.485 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

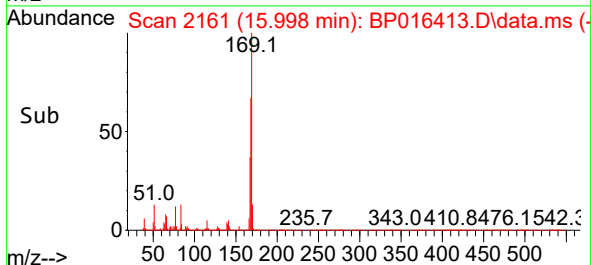
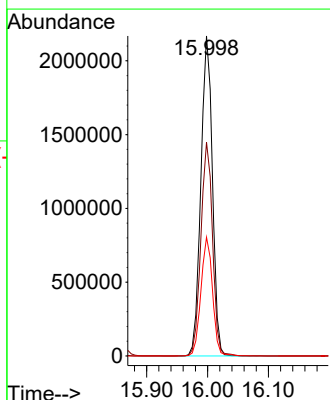
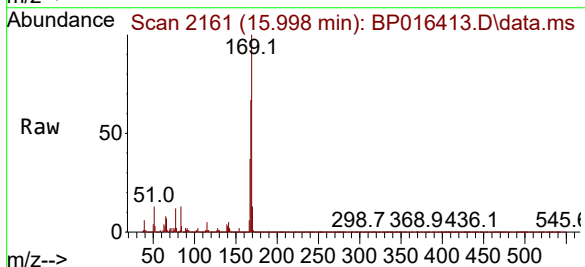
Instrument :
BNA_P
ClientSampleId :
PB154218BS

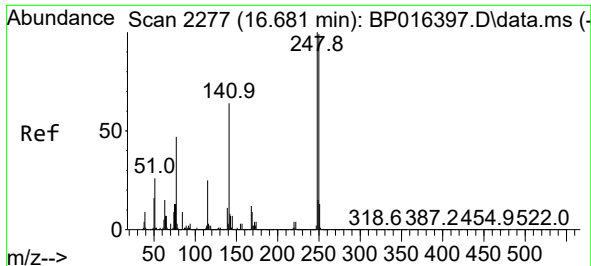
Tgt Ion:198 Resp: 440199
Ion Ratio Lower Upper
198 100
51 45.6 20.1 60.1
105 48.6 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 49.813 ng
RT: 15.998 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:169 Resp: 2842176
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 37.1 29.2 43.8

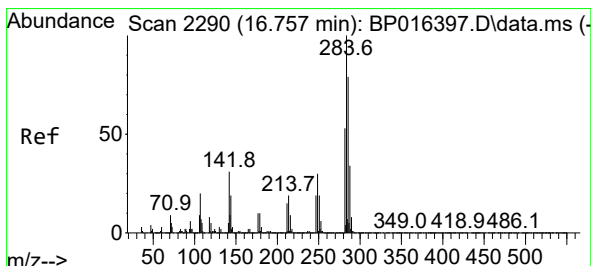
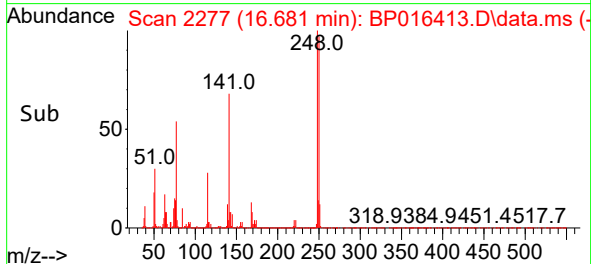
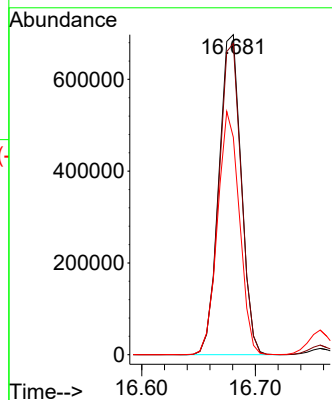
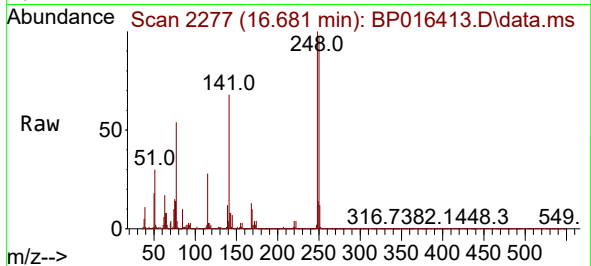




#67
4-Bromophenyl-phenylether
Concen: 46.450 ng
RT: 16.681 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

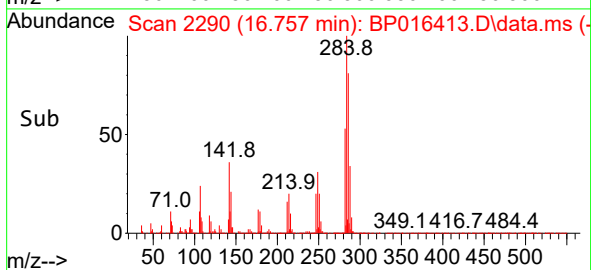
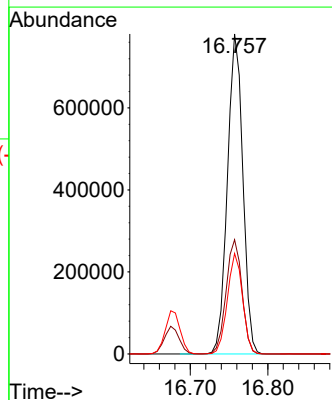
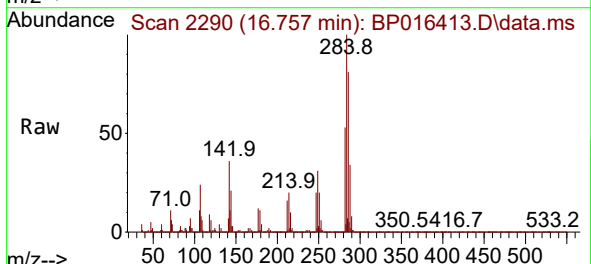
Instrument :
BNA_P
ClientSampleId :
PB154218BS

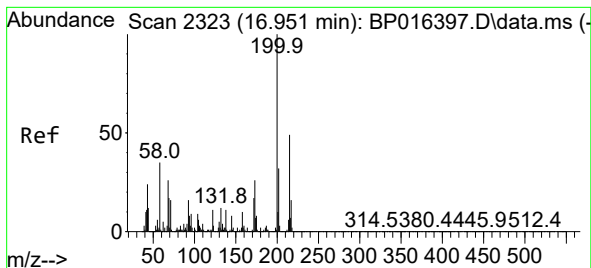
Tgt Ion:248 Resp: 952234
Ion Ratio Lower Upper
248 100
250 97.3 78.9 118.3
141 68.0 51.0 76.4



#68
Hexachlorobenzene
Concen: 47.176 ng
RT: 16.757 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:284 Resp: 1078520
Ion Ratio Lower Upper
284 100
142 35.7 25.2 37.8
249 31.4 26.0 39.0





#69

Atrazine

Concen: 60.850 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

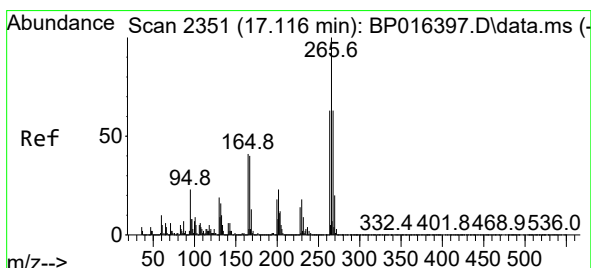
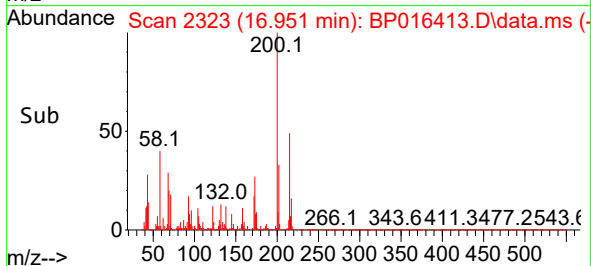
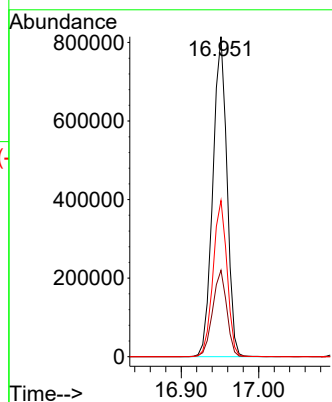
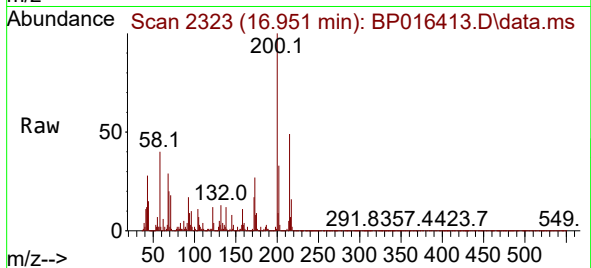
Tgt Ion:200 Resp: 1032546

Ion Ratio Lower Upper

200 100

173 27.0 5.8 45.8

215 48.8 29.2 69.2



#70

Pentachlorophenol

Concen: 90.714 ng

RT: 17.122 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

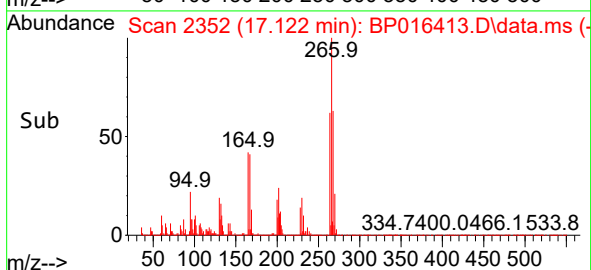
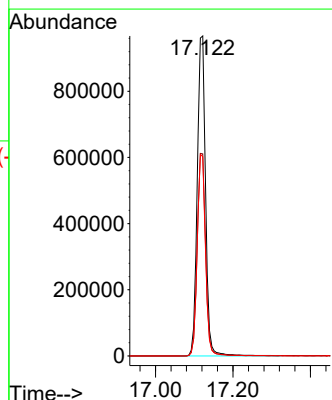
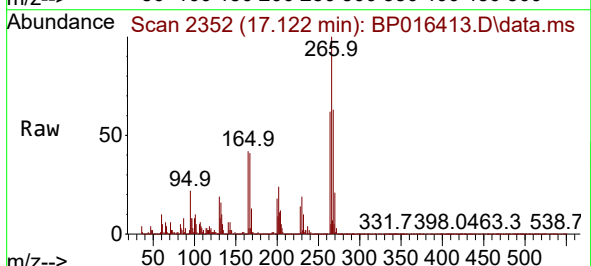
Tgt Ion:266 Resp: 1435150

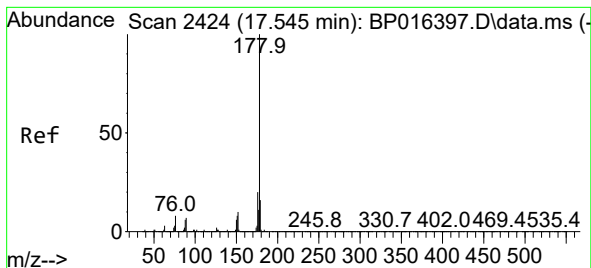
Ion Ratio Lower Upper

266 100

268 63.1 53.9 80.9

264 62.3 54.9 82.3





#71

Phenanthrene

Concen: 49.770 ng

RT: 17.539 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

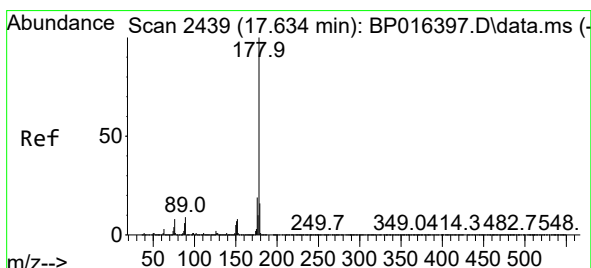
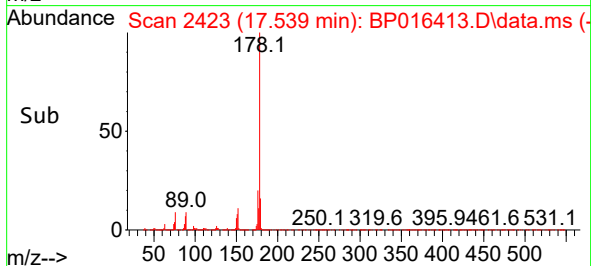
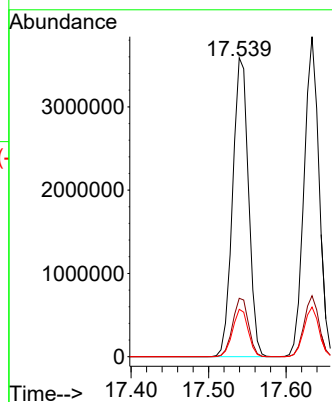
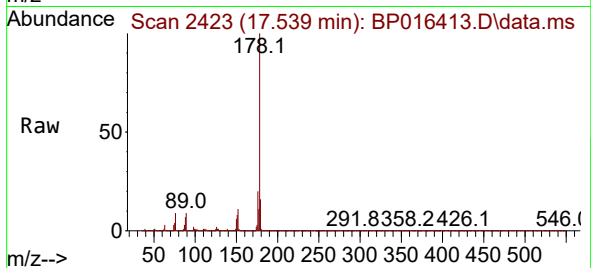
Tgt Ion:178 Resp: 5116543

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.9 12.4 18.6



#72

Anthracene

Concen: 50.037 ng

RT: 17.634 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

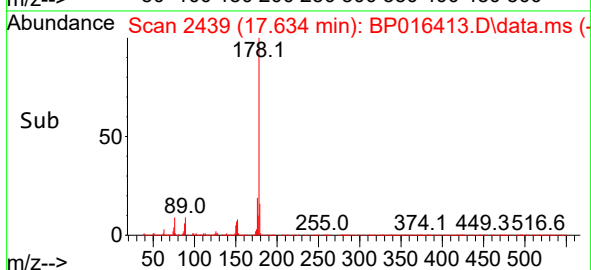
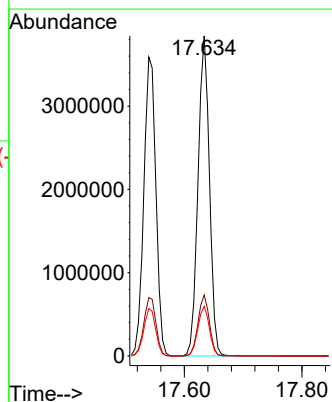
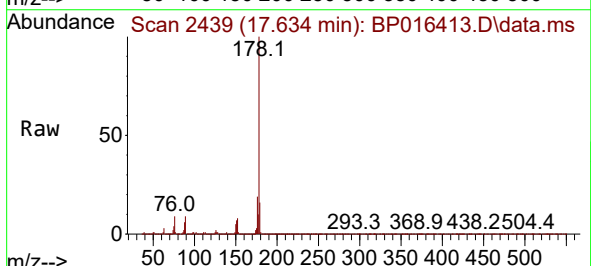
Tgt Ion:178 Resp: 5172465

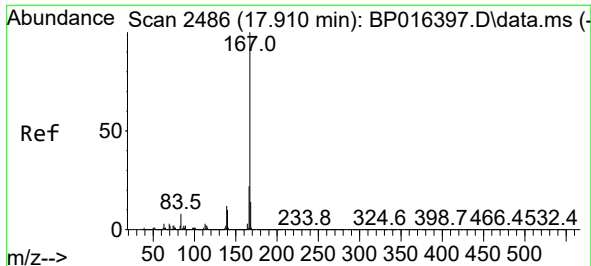
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.5 12.6 19.0

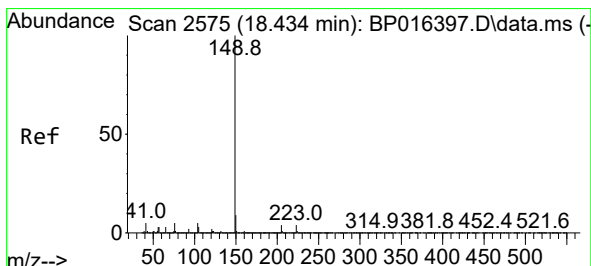
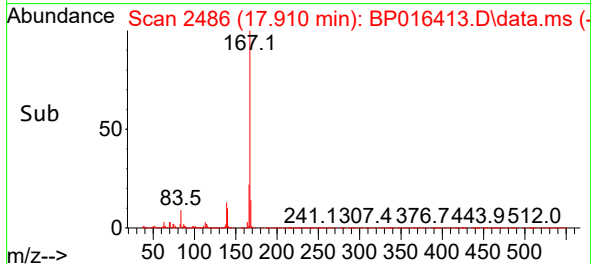
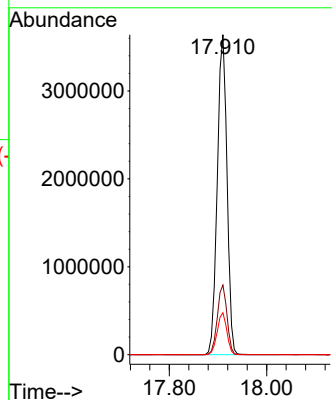
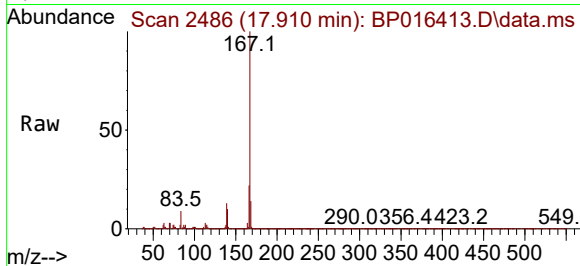




#73
 Carbazole
 Concen: 51.700 ng
 RT: 17.910 min Scan# 2486
 Delta R.T. -0.000 min
 Lab File: BP016413.D
 Acq: 28 Jul 2023 09:12

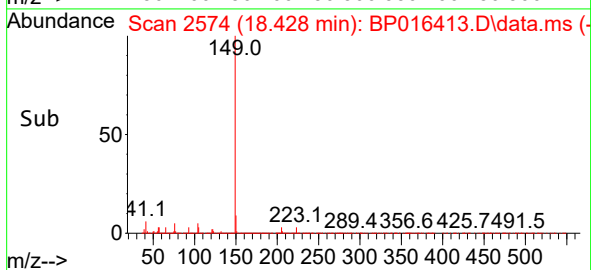
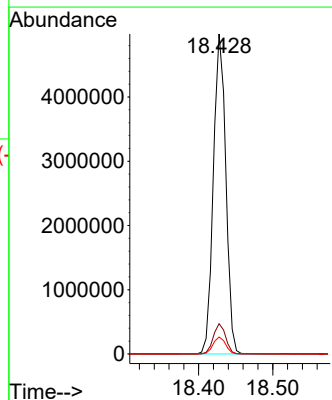
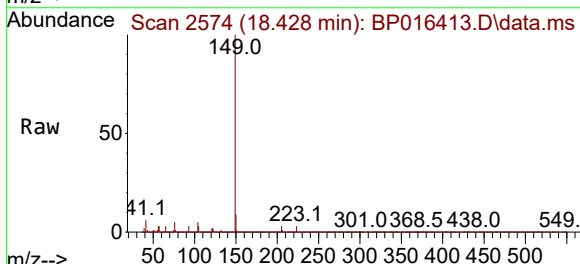
Instrument :
 BNA_P
 ClientSampleId :
 PB154218BS

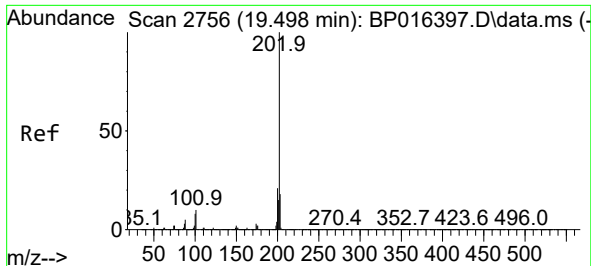
Tgt Ion:167 Resp: 5010557
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.1 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 51.729 ng
 RT: 18.428 min Scan# 2574
 Delta R.T. -0.006 min
 Lab File: BP016413.D
 Acq: 28 Jul 2023 09:12

Tgt Ion:149 Resp: 5800118
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.3 3.8 5.8

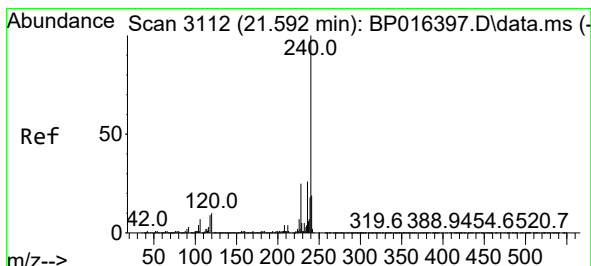
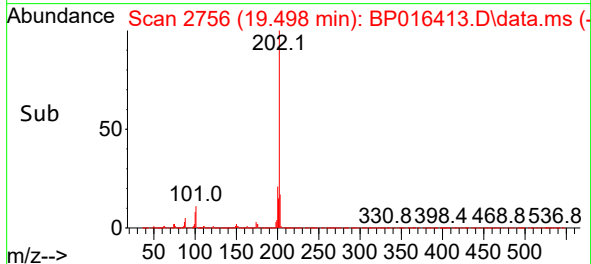
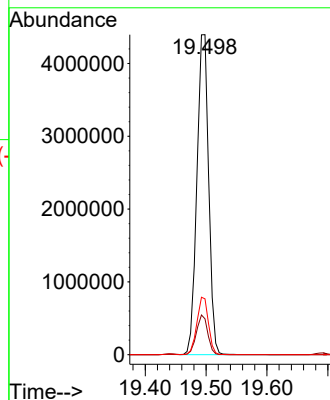
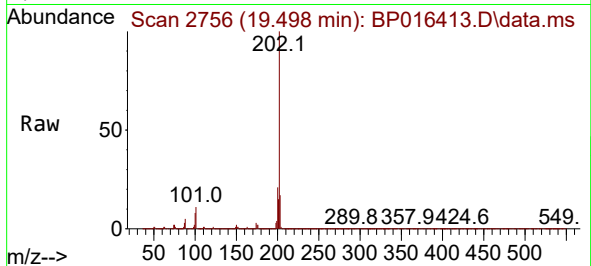




#75
Fluoranthene
Concen: 48.930 ng
RT: 19.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

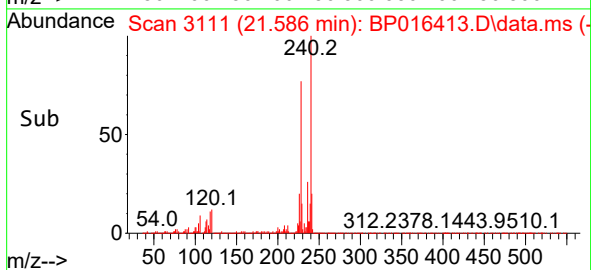
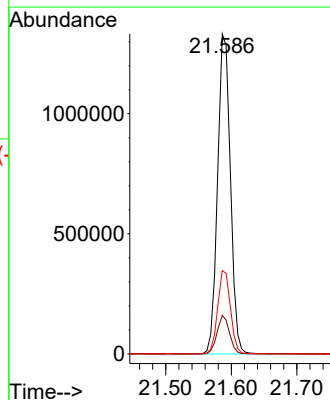
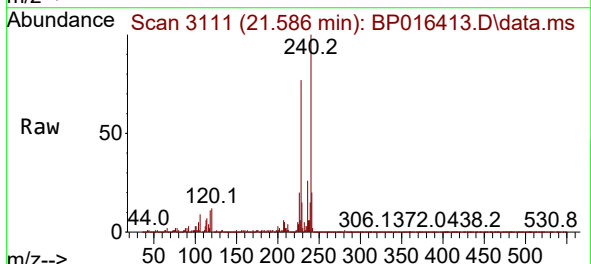
Instrument :
BNA_P
ClientSampleId :
PB154218BS

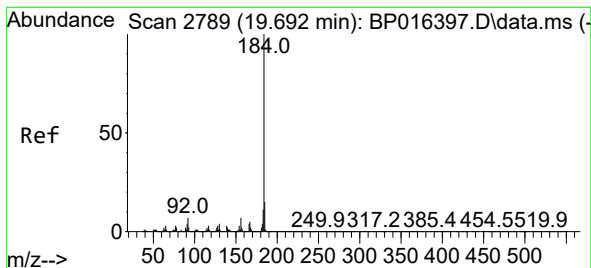
Tgt Ion:202 Resp: 5895759
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.2
203 17.4 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:240 Resp: 1800693
Ion Ratio Lower Upper
240 100
120 12.0 7.9 11.9#
236 26.1 21.1 31.7





#77

Benzidine

Concen: 116.422 ng

RT: 19.692 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

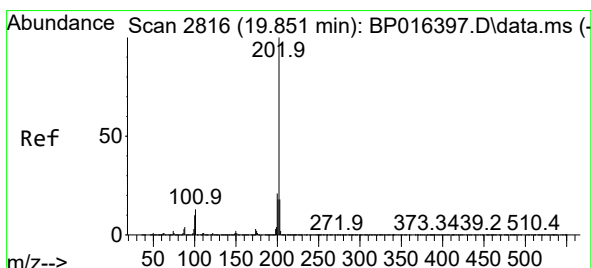
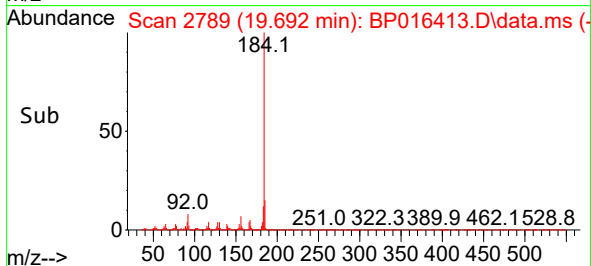
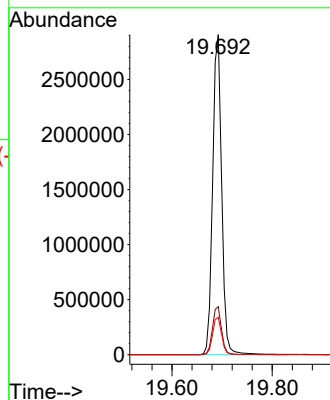
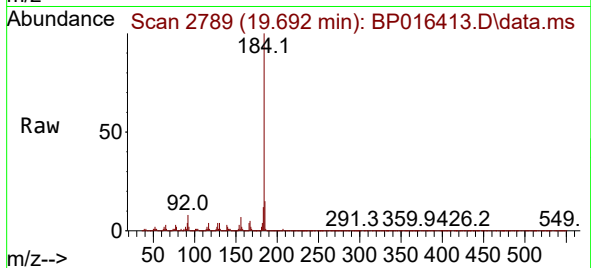
Tgt Ion:184 Resp: 3634689

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 11.6 9.2 13.8



#78

Pyrene

Concen: 50.591 ng

RT: 19.851 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

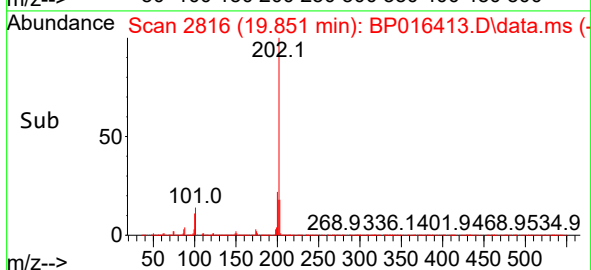
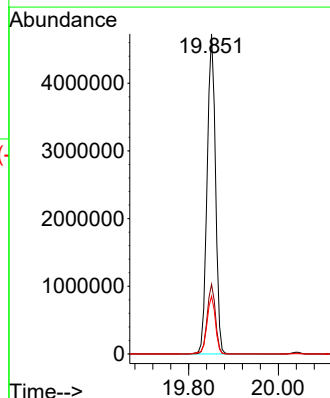
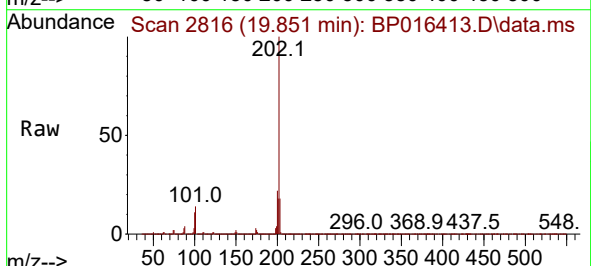
Tgt Ion:202 Resp: 6106780

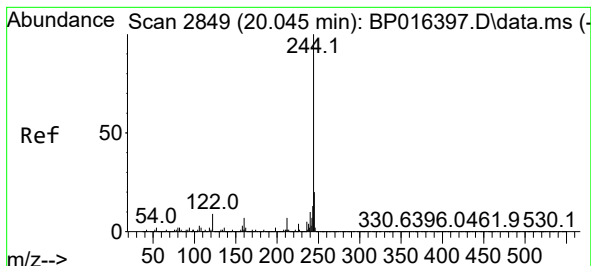
Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 112.937 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

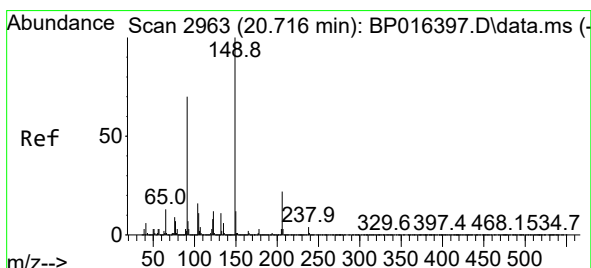
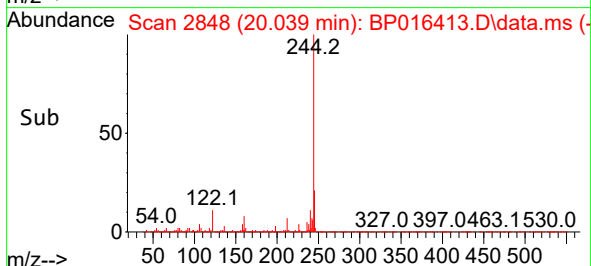
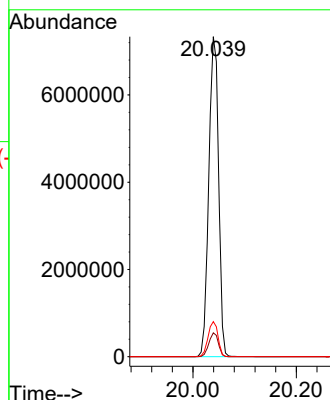
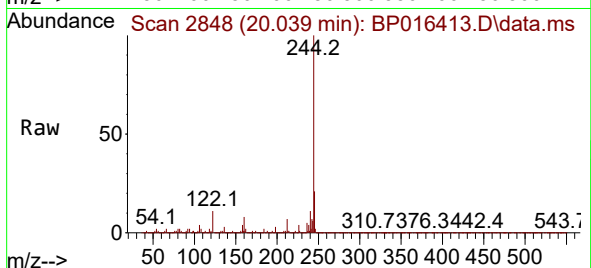
Tgt Ion:244 Resp: 9627065

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 11.0 7.4 11.2



#80

Butylbenzylphthalate

Concen: 54.102 ng

RT: 20.716 min Scan# 2963

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

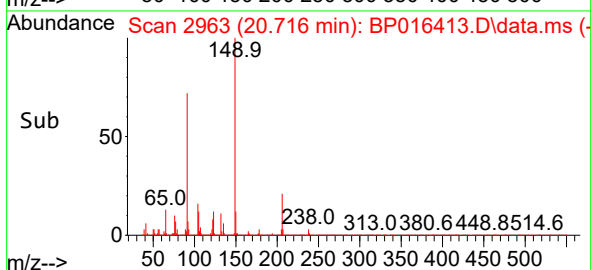
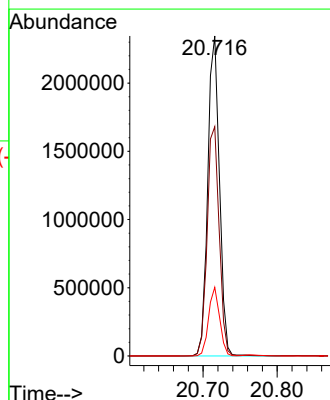
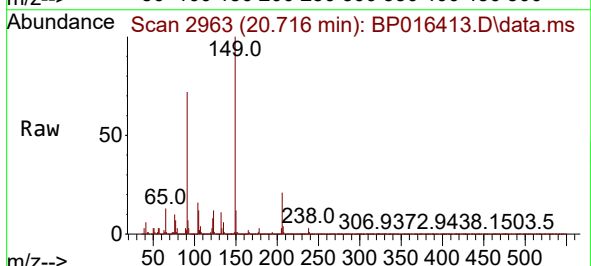
Tgt Ion:149 Resp: 2565593

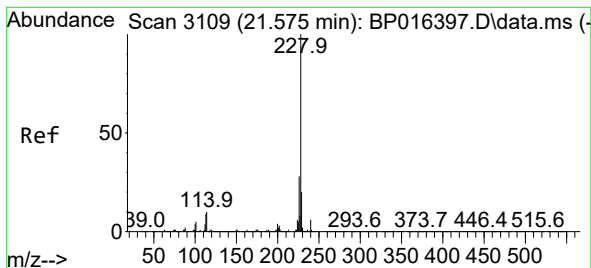
Ion Ratio Lower Upper

149 100

91 71.6 56.1 84.1

206 21.5 17.8 26.6





#81

Benzo(a)anthracene

Concen: 49.363 ng

RT: 21.569 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

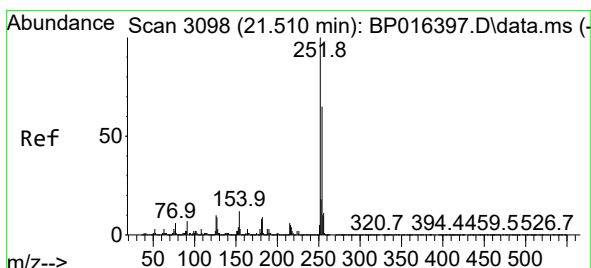
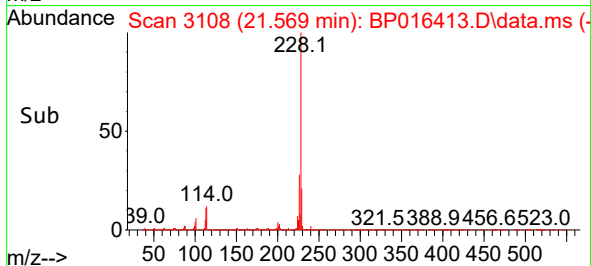
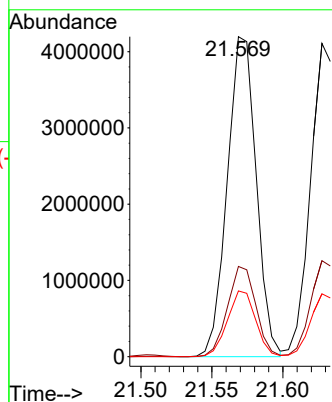
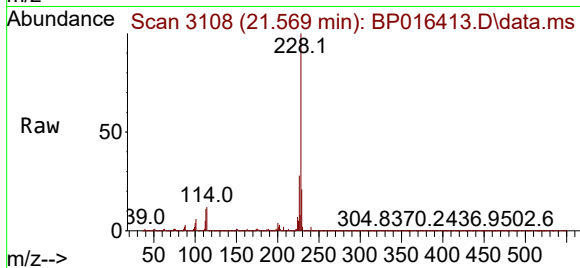
Tgt Ion:228 Resp: 5963984

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

229 20.6 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 42.246 ng

RT: 21.504 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

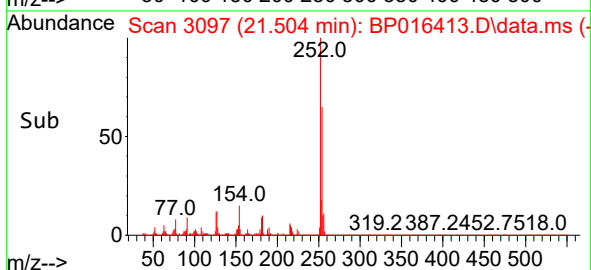
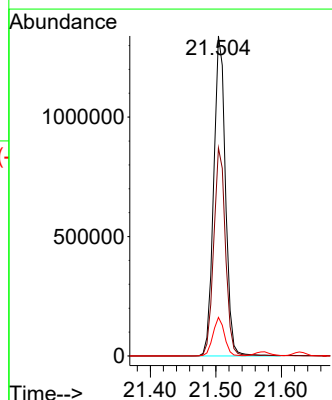
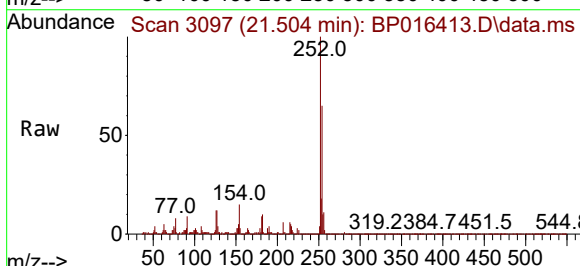
Tgt Ion:252 Resp: 1675491

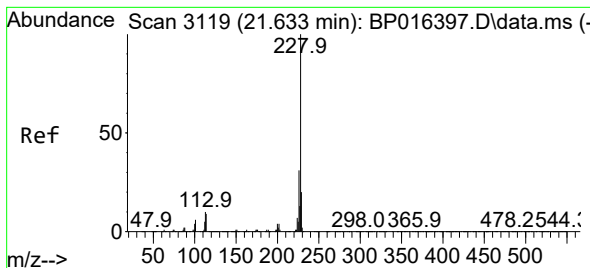
Ion Ratio Lower Upper

252 100

254 65.0 52.2 78.2

126 12.1 7.8 11.6#





#83

Chrysene

Concen: 48.265 ng

RT: 21.627 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

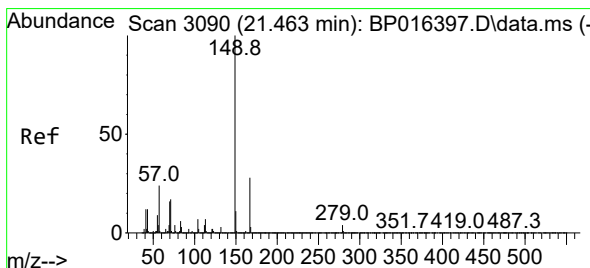
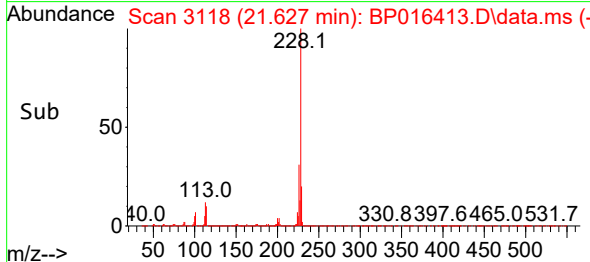
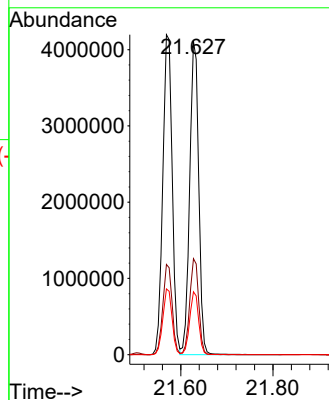
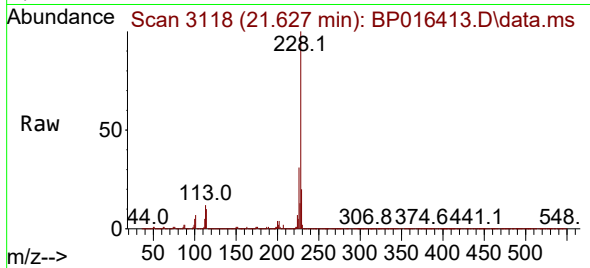
Tgt Ion:228 Resp: 5568410

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.548 ng

RT: 21.463 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

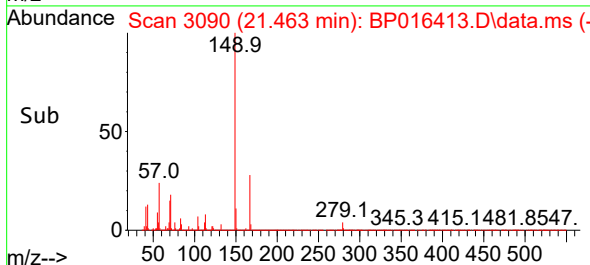
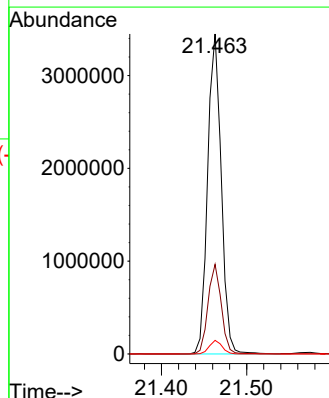
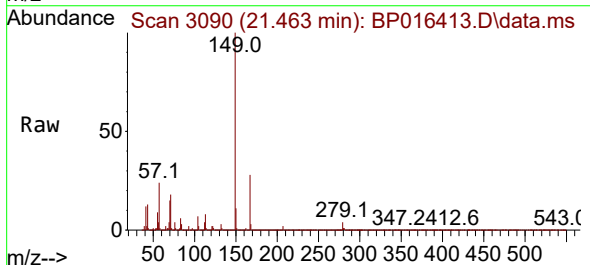
Tgt Ion:149 Resp: 3812490

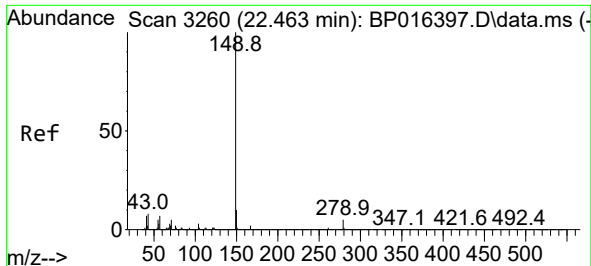
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 4.2 3.6 5.4

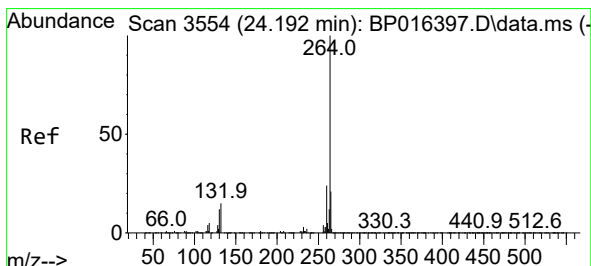
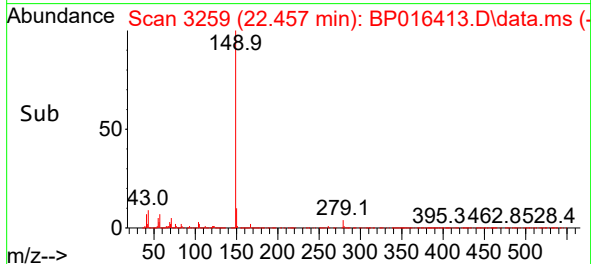
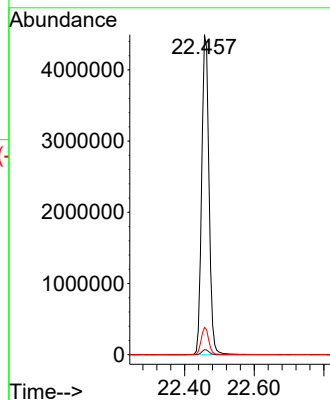
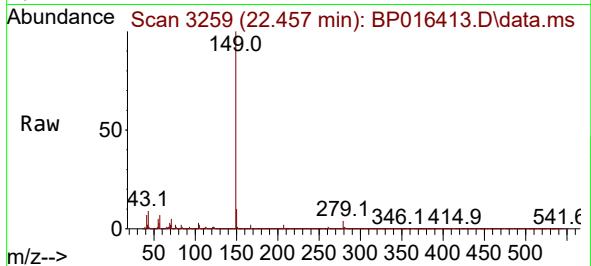




#85
Di-n-octyl phthalate
Concen: 54.662 ng
RT: 22.457 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

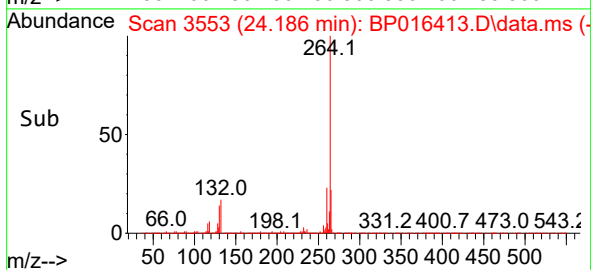
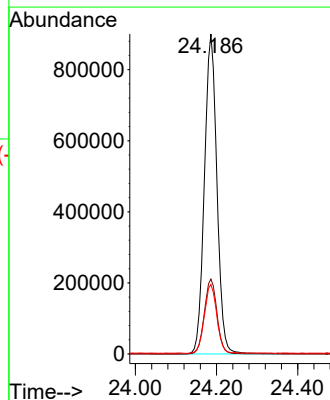
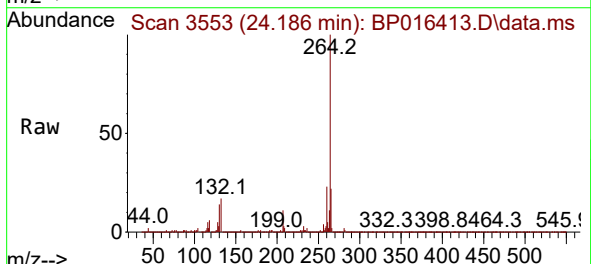
Instrument :
BNA_P
ClientSampleId :
PB154218BS

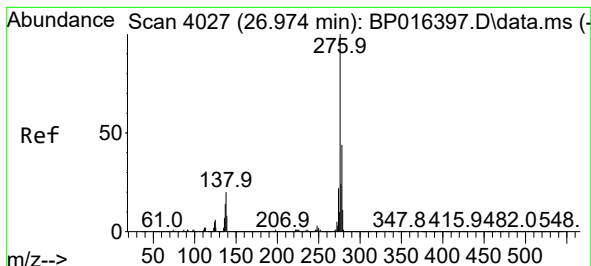
Tgt Ion:149 Resp: 6545317
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.8 6.6 9.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.186 min Scan# 3553
Delta R.T. -0.006 min
Lab File: BP016413.D
Acq: 28 Jul 2023 09:12

Tgt Ion:264 Resp: 1921990
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.325 ng

RT: 26.968 min Scan# 4027

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

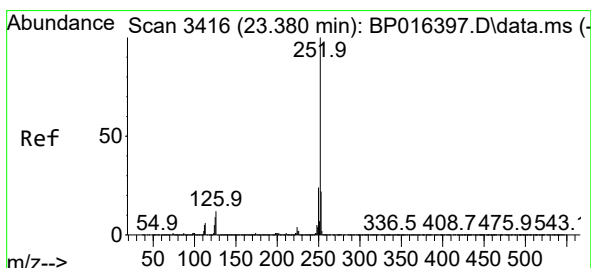
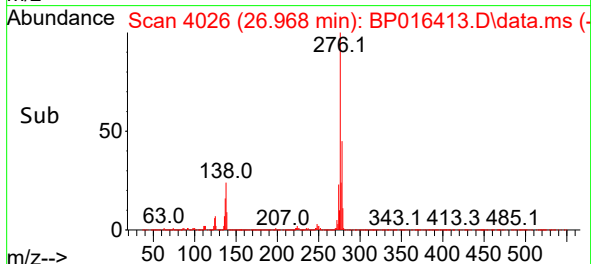
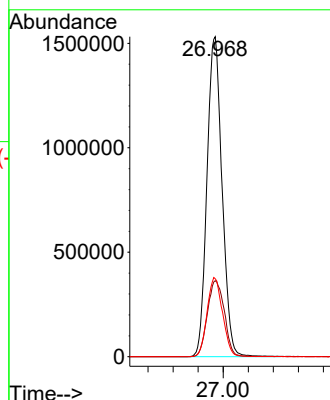
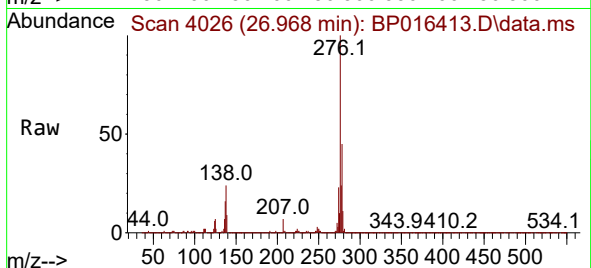
Tgt Ion:276 Resp: 6391410

Ion Ratio Lower Upper

276 100

138 26.7 18.4 27.6

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 54.048 ng

RT: 23.380 min Scan# 3416

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

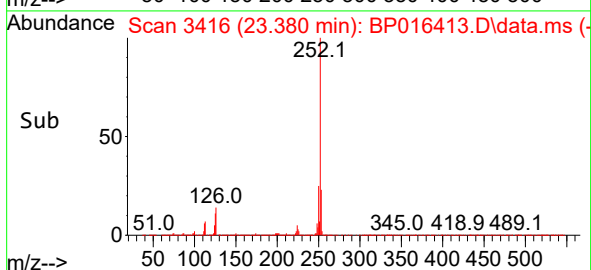
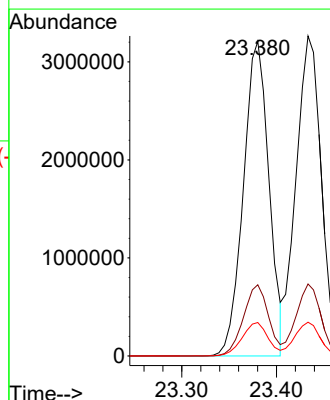
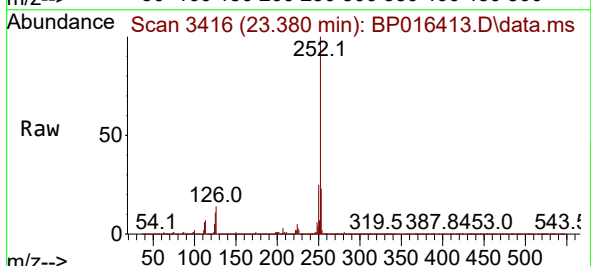
Tgt Ion:252 Resp: 6021553

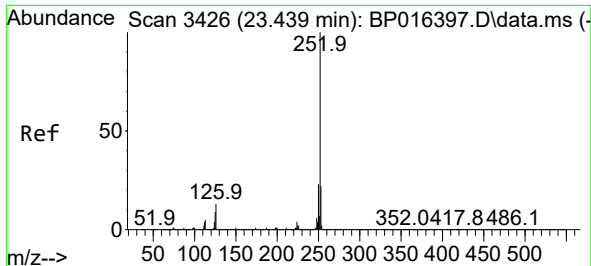
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 10.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 53.863 ng

RT: 23.433 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

Instrument :

BNA_P

ClientSampleId :

PB154218BS

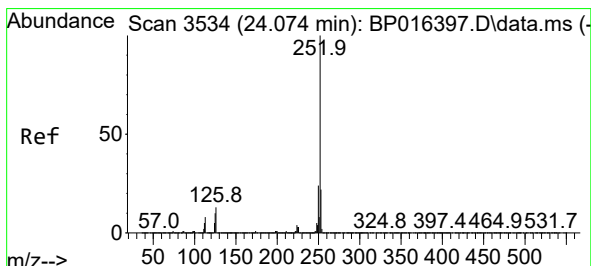
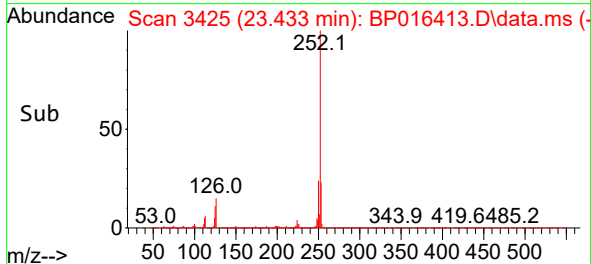
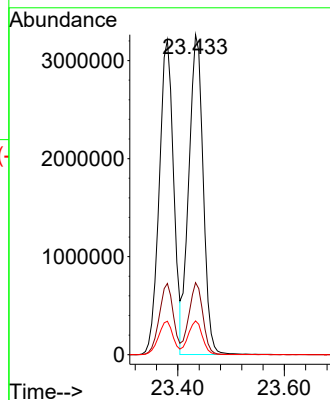
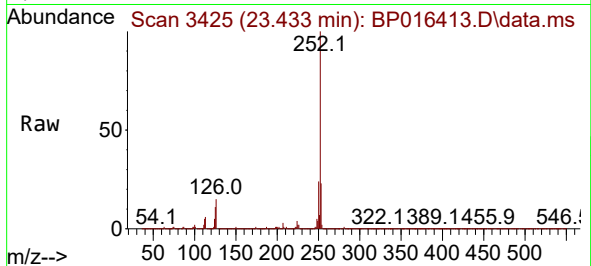
Tgt Ion:252 Resp: 6103087

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 10.5 7.1 10.7



#90

Benzo(a)pyrene

Concen: 48.742 ng

RT: 24.074 min Scan# 3534

Delta R.T. -0.000 min

Lab File: BP016413.D

Acq: 28 Jul 2023 09:12

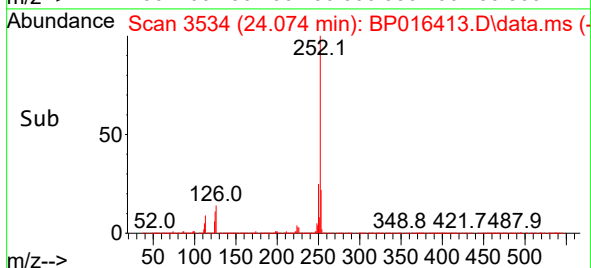
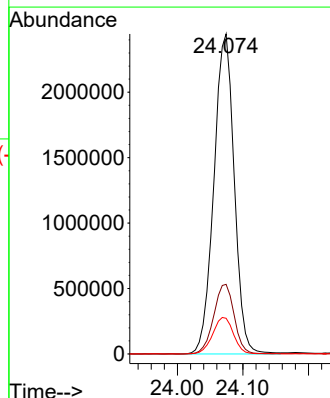
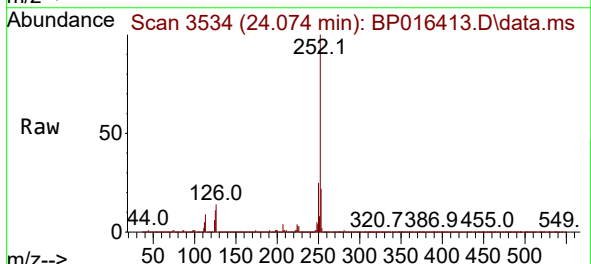
Tgt Ion:252 Resp: 5259975

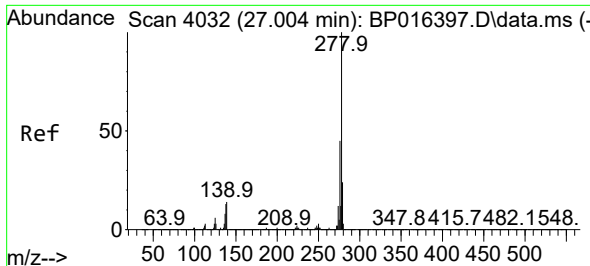
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 11.2 8.3 12.5

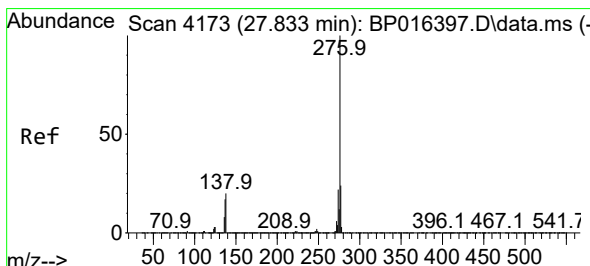
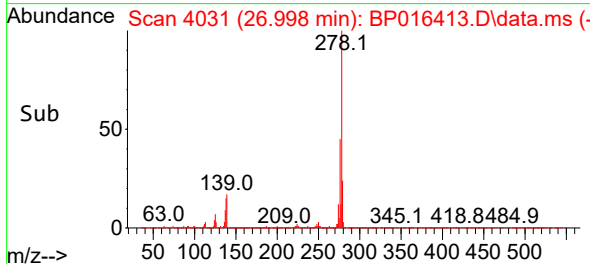
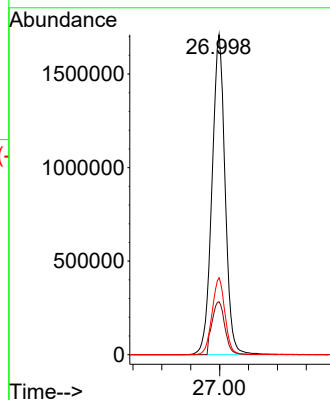
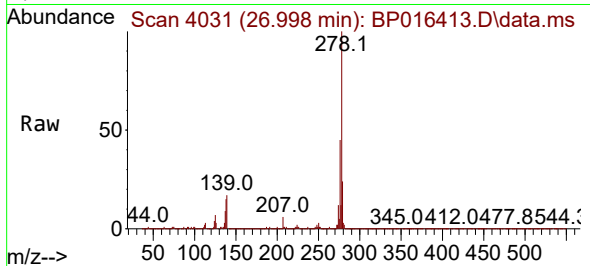




#91
 Dibenzo(a,h)anthracene
 Concen: 49.842 ng
 RT: 26.998 min Scan# 4031
 Delta R.T. -0.006 min
 Lab File: BP016413.D
 Acq: 28 Jul 2023 09:12

Instrument :
 BNA_P
 ClientSampleId :
 PB154218BS

Tgt Ion:278 Resp: 5385970
 Ion Ratio Lower Upper
 278 100
 139 16.5 11.6 17.4
 279 24.0 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 48.277 ng
 RT: 27.827 min Scan# 4172
 Delta R.T. -0.006 min
 Lab File: BP016413.D
 Acq: 28 Jul 2023 09:12

Tgt Ion:276 Resp: 5027325
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.2 28.8
 138 23.1 16.1 24.1

