

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016414.D
 Acq On : 28 Jul 2023 09:48
 Operator : MA/JU
 Sample : PB154218BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154218BSD

Quant Time: Jul 31 05:41:40 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	8.087	152	341099	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1443205	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	877872	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	1902273	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1781258	20.000	ng	0.00
86) Perylene-d12	24.186	264	1923431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3662447	175.168	ng	0.00
7) Phenol-d6	7.228	99	4736100	165.261	ng	0.00
23) Nitrobenzene-d5	9.287	82	2749420	106.643	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1759316	136.225	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	6193584	101.149	ng	0.00
79) Terphenyl-d14	20.039	244	9477886	112.400	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	330575	40.539	ng	99
3) Pyridine	3.869	79	942953	38.685	ng	99
4) n-Nitrosodimethylamine	3.799	42	454480	49.452	ng	98
6) Aniline	7.422	93	1639208	46.308	ng	99
8) 2-Chlorophenol	7.640	128	1202376	54.847	ng	96
9) Benzaldehyde	7.240	77	684220	58.929	ng	97
10) Phenol	7.258	94	1560515	56.072	ng	99
11) bis(2-Chloroethyl)ether	7.516	93	1137635	50.287	ng	99
12) 1,3-Dichlorobenzene	7.969	146	1223832	52.003	ng	97
13) 1,4-Dichlorobenzene	8.128	146	1243430	52.086	ng	99
14) 1,2-Dichlorobenzene	8.440	146	1192629	51.887	ng	98
15) Benzyl Alcohol	8.340	79	1049040	53.580	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1335507	52.053	ng	99
17) 2-Methylphenol	8.522	107	1035811	51.643	ng	99
18) Hexachloroethane	9.169	117	444516	52.203	ng	95
19) n-Nitroso-di-n-propyla...	8.910	70	879432	48.983	ng	98
20) 3+4-Methylphenols	8.857	107	1406017	51.615	ng	97
22) Acetophenone	8.934	105	1760137	48.305	ng	# 98
24) Nitrobenzene	9.328	77	1294375	48.881	ng	97
25) Isophorone	9.846	82	2467278	47.401	ng	99
26) 2-Nitrophenol	10.034	139	530506	46.581	ng	95
27) 2,4-Dimethylphenol	10.069	122	1222011	52.478	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	1539023	48.271	ng	99
29) 2,4-Dichlorophenol	10.557	162	1123079	51.534	ng	97
30) 1,2,4-Trichlorobenzene	10.769	180	1124535	47.641	ng	98
31) Naphthalene	10.975	128	3576507	47.377	ng	100
32) Benzoic acid	10.193	122	693027	45.707	ng	98
33) 4-Chloroaniline	11.099	127	1058458	31.084	ng	99
34) Hexachlorobutadiene	11.210	225	632400	45.252	ng	99
35) Caprolactam	11.910	113	205936	25.861	ng	95
36) 4-Chloro-3-methylphenol	12.187	107	1250382	51.617	ng	99
37) 2-Methylnaphthalene	12.569	142	2486261	45.336	ng	99
38) 1-Methylnaphthalene	12.793	142	2339047	45.494	ng	100
40) 1,2,4,5-Tetrachloroben...	12.916	216	1215429	45.560	ng	99
41) Hexachlorocyclopentadiene	12.875	237	1570810	117.237	ng	100
43) 2,4,6-Trichlorophenol	13.163	196	868280	50.725	ng	99

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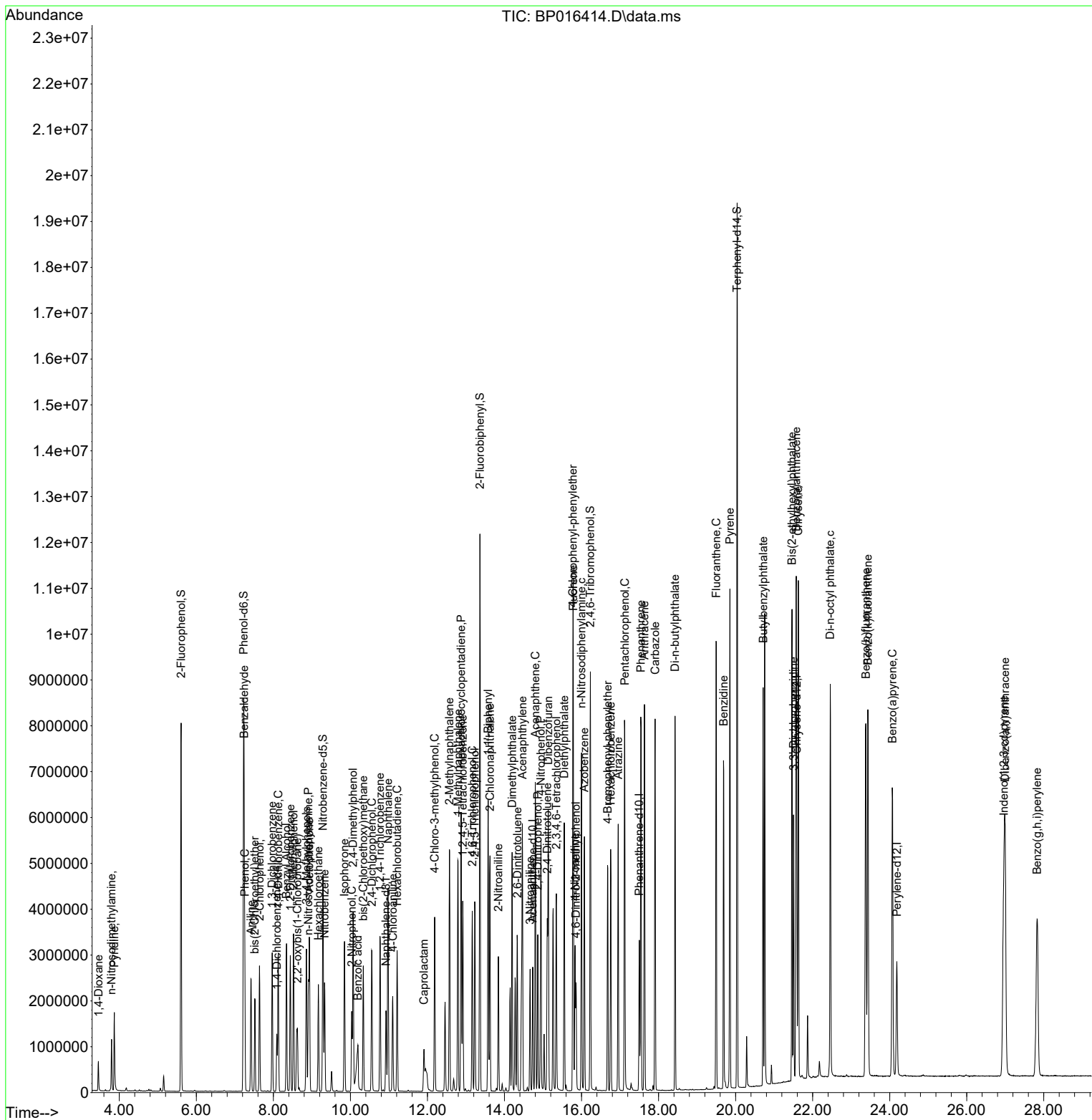
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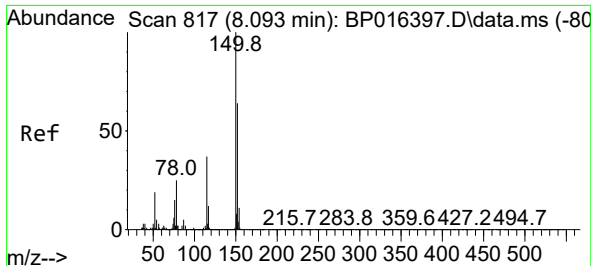
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	966383	46.534	ng	96
46) 1,1'-Biphenyl	13.575	154	3182765	47.562	ng	99
47) 2-Chloronaphthalene	13.622	162	2474449	49.013	ng	99
48) 2-Nitroaniline	13.840	65	753795	52.969	ng	99
49) Acenaphthylene	14.463	152	4027035	48.075	ng	100
50) Dimethylphthalate	14.198	163	3219581	47.063	ng	100
51) 2,6-Dinitrotoluene	14.334	165	691373	49.332	ng	93
52) Acenaphthene	14.798	154	2389273	47.966	ng	100
53) 3-Nitroaniline	14.663	138	642767	40.568	ng	94
54) 2,4-Dinitrophenol	14.863	184	648878	97.073	ng	96
55) Dibenzofuran	15.134	168	3809511	46.631	ng	98
56) 4-Nitrophenol	14.945	139	1459360	117.664	ng	98
57) 2,4-Dinitrotoluene	15.110	165	958605	52.484	ng	96
58) Fluorene	15.787	166	3062096	47.710	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	836233	48.950	ng	93
60) Diethylphthalate	15.551	149	3268820	48.082	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	1476567	45.590	ng	96
62) 4-Nitroaniline	15.834	138	777416	49.441	ng	98
63) Azobenzene	16.075	77	3154611	49.143	ng	97
65) 4,6-Dinitro-2-methylph...	15.857	198	442136	49.423	ng	92
66) n-Nitrosodiphenylamine	15.998	169	2769269	49.397	ng	100
67) 4-Bromophenyl-phenylether	16.681	248	932739	46.307	ng	97
68) Hexachlorobenzene	16.757	284	1050524	46.768	ng	94
69) Atrazine	16.951	200	1009264	60.534	ng	99
70) Pentachlorophenol	17.122	266	1405814	90.437	ng	95
71) Phenanthrene	17.539	178	4955878	49.063	ng	100
72) Anthracene	17.633	178	5015058	49.376	ng	100
73) Carbazole	17.910	167	4864821	51.087	ng	99
74) Di-n-butylphthalate	18.428	149	5649496	51.280	ng	99
75) Fluoranthene	19.498	202	5728708	48.387	ng	99
77) Benzidine	19.692	184	3699255	119.783	ng	100
78) Pyrene	19.851	202	6002410	50.268	ng	100
80) Butylbenzylphthalate	20.716	149	2540089	54.148	ng	97
81) Benzo(a)anthracene	21.574	228	5887657	49.263	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	1631317	41.581	ng	# 99
83) Chrysene	21.627	228	5504239	48.230	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	3773272	53.576	ng	99
85) Di-n-octyl phthalate	22.457	149	6486632	54.763	ng	99
87) Indeno(1,2,3-cd)pyrene	26.962	276	6412404	49.450	ng	96
88) Benzo(b)fluoranthene	23.380	252	5961691	53.471	ng	99
89) Benzo(k)fluoranthene	23.433	252	6040601	53.272	ng	98
90) Benzo(a)pyrene	24.068	252	5236999	48.493	ng	98
91) Dibenzo(a,h)anthracene	26.998	278	5364247	49.604	ng	98
92) Benzo(g,h,i)perylene	27.827	276	5030024	48.267	ng	98

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

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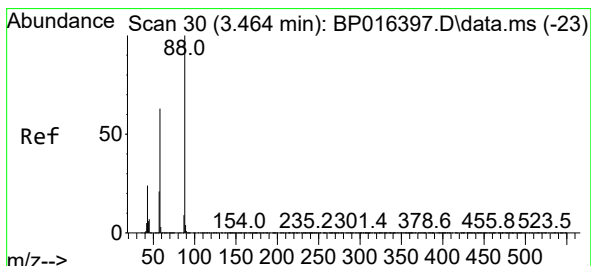
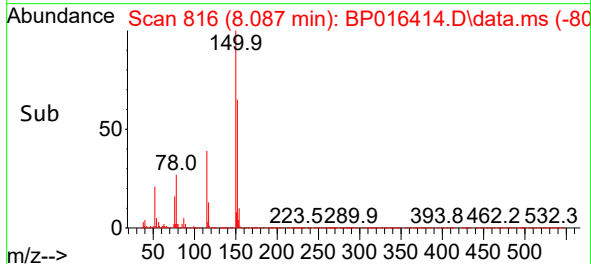
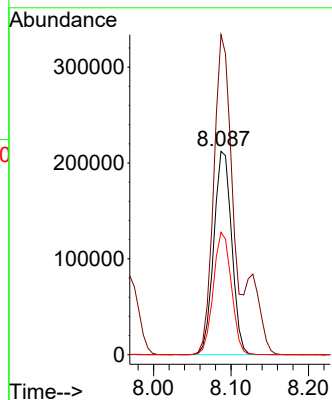
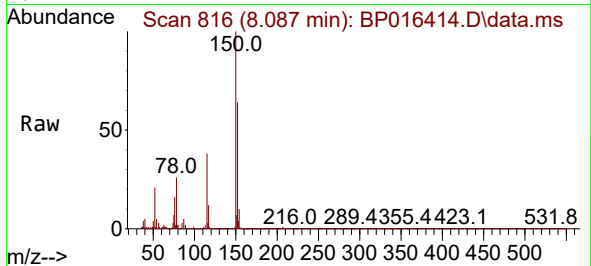




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP016414.D
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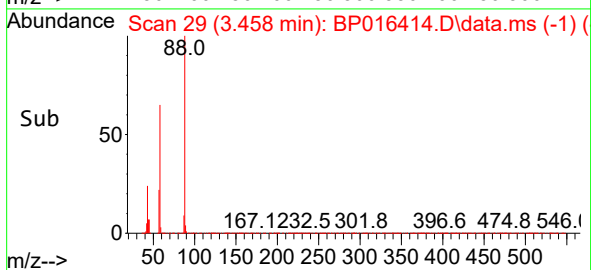
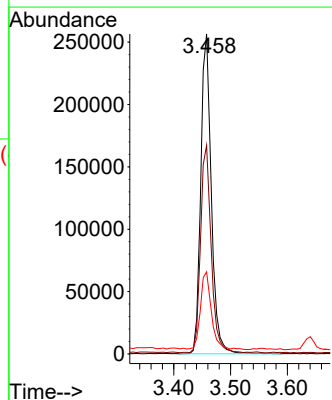
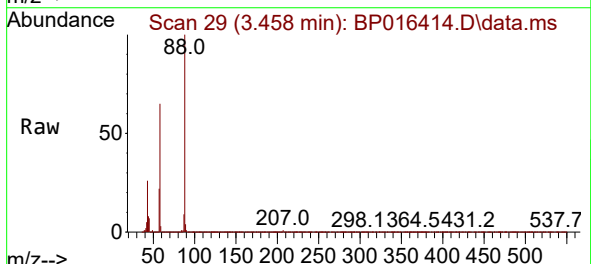
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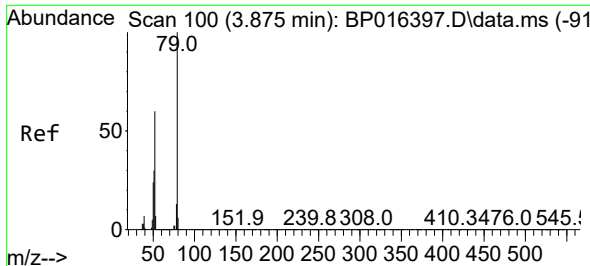
Tgt Ion:152 Resp: 341099
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 60.2 46.8 70.2



#2
1,4-Dioxane
Concen: 40.539 ng
RT: 3.458 min Scan# 29
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion: 88 Resp: 330575
Ion Ratio Lower Upper
88 100
58 65.3 51.7 77.5
43 25.3 19.2 28.8

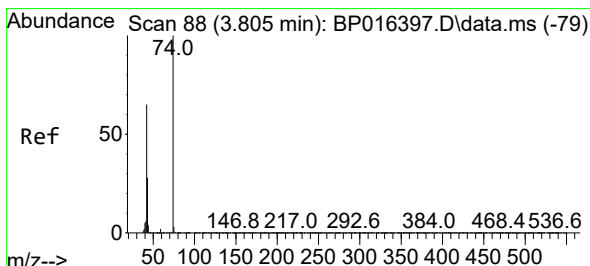
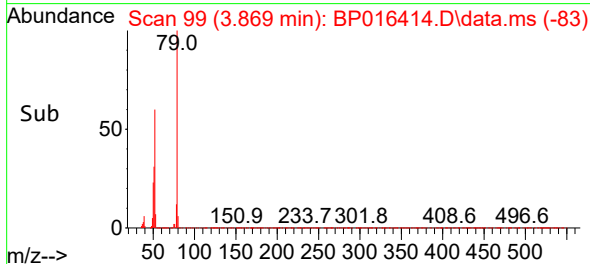
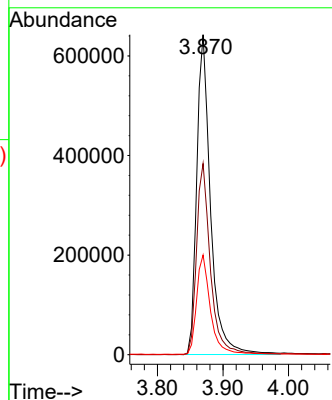
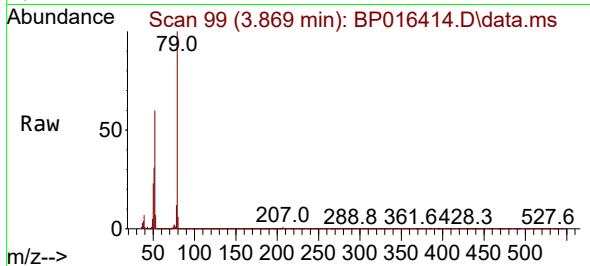




#3
 Pyridine
 Concen: 38.685 ng
 RT: 3.869 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP016414.D
 Acq: 28 Jul 2023 09:48

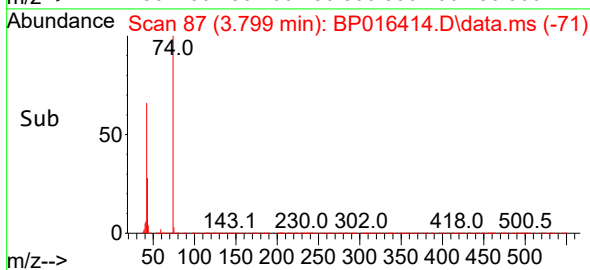
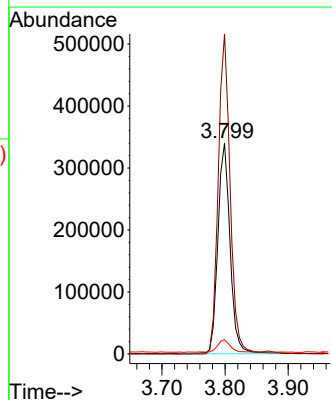
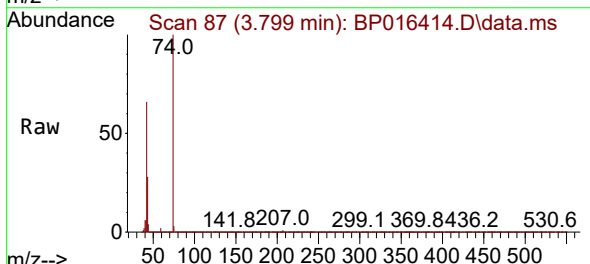
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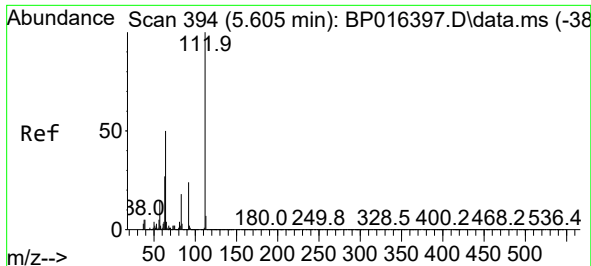
Tgt Ion: 79 Resp: 942953
 Ion Ratio Lower Upper
 79 100
 52 59.7 47.9 71.9
 51 31.2 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 49.452 ng
 RT: 3.799 min Scan# 87
 Delta R.T. -0.006 min
 Lab File: BP016414.D
 Acq: 28 Jul 2023 09:48

Tgt Ion: 42 Resp: 454480
 Ion Ratio Lower Upper
 42 100
 74 151.7 123.8 185.8
 44 6.7 5.5 8.3

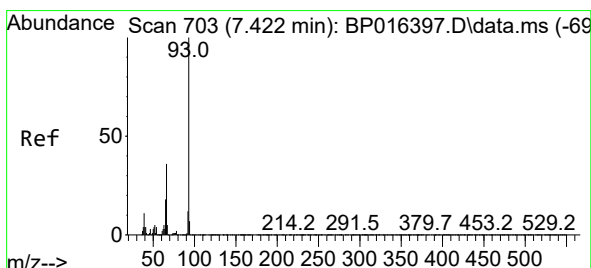
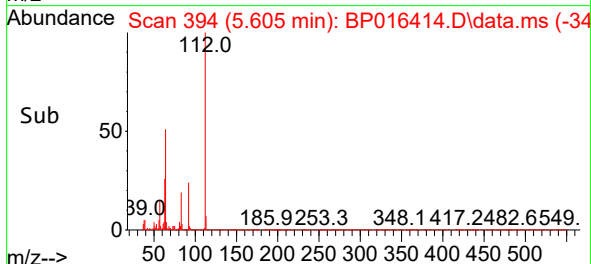
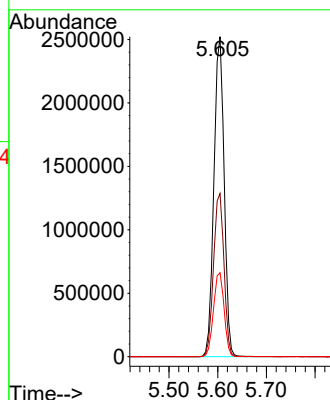
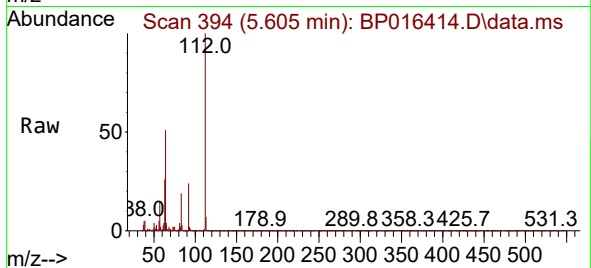




#5
2-Fluorophenol
Concen: 175.168 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

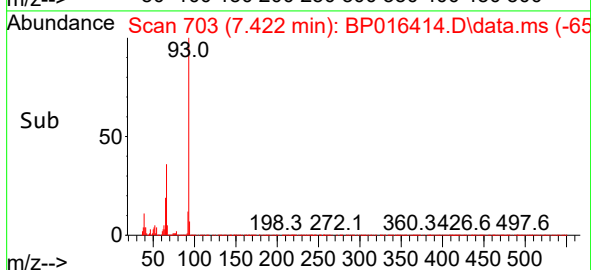
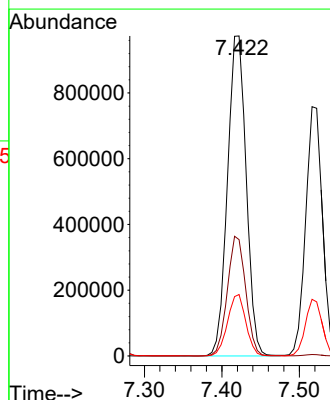
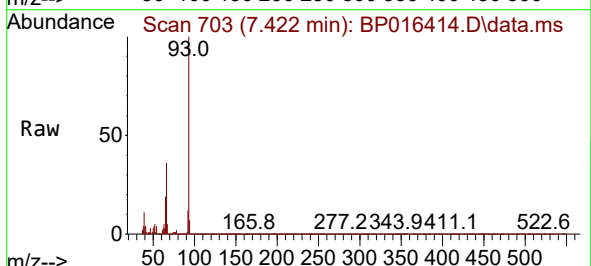
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ClientSampleId :
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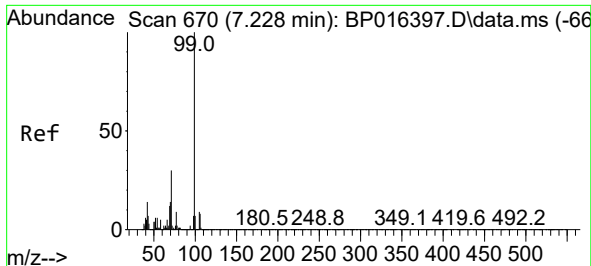
Tgt Ion:112 Resp: 3662447
Ion Ratio Lower Upper
112 100
64 51.0 40.0 60.0
63 26.3 21.2 31.8



#6
Aniline
Concen: 46.308 ng
RT: 7.422 min Scan# 703
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion: 93 Resp: 1639208
Ion Ratio Lower Upper
93 100
66 36.3 28.9 43.3
65 19.2 14.7 22.1

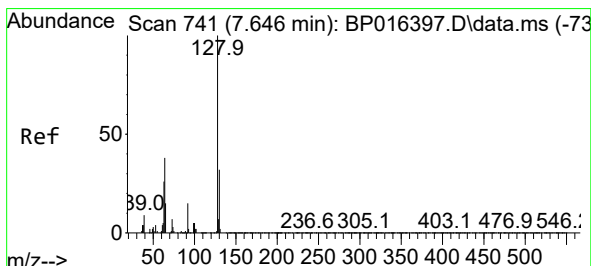
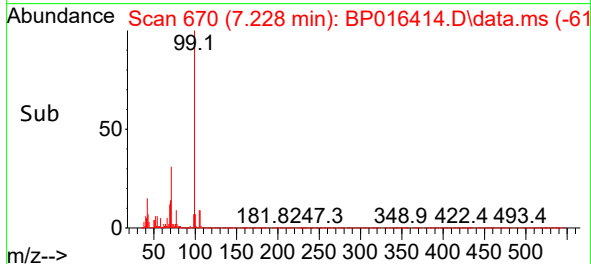
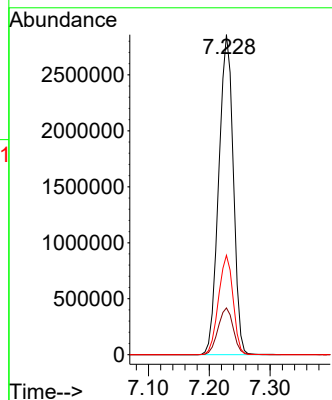
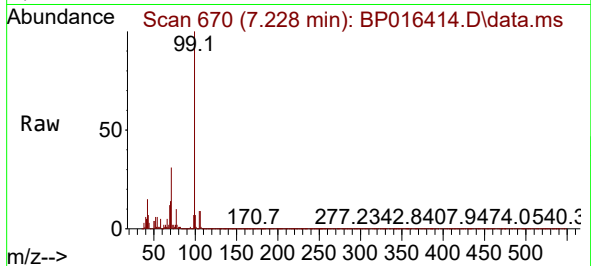




#7
Phenol-d6
Concen: 165.261 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

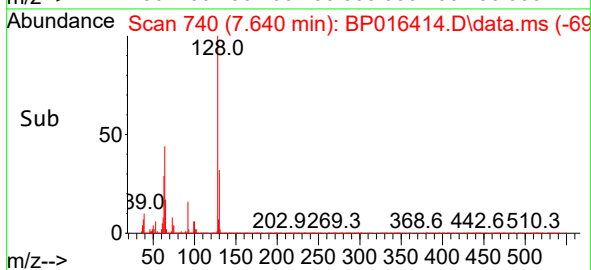
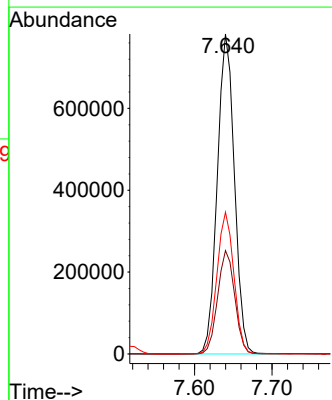
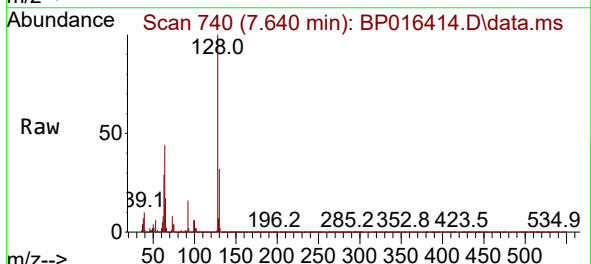
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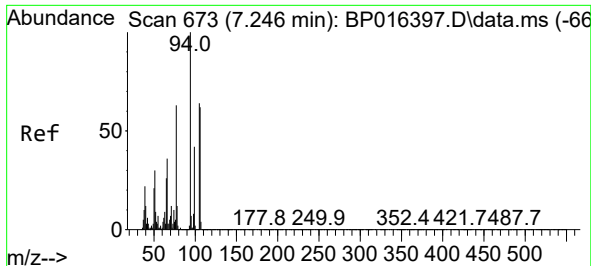
Tgt Ion: 99 Resp: 4736100
Ion Ratio Lower Upper
99 100
42 14.6 11.6 17.4
71 31.1 24.3 36.5



#8
2-Chlorophenol
Concen: 54.847 ng
RT: 7.640 min Scan# 740
Delta R.T. -0.006 min
Lab File: BP016414.D
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Tgt Ion: 128 Resp: 1202376
Ion Ratio Lower Upper
128 100
130 32.3 11.6 51.6
64 44.3 20.6 60.6

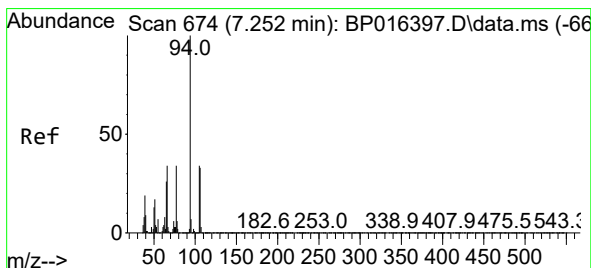
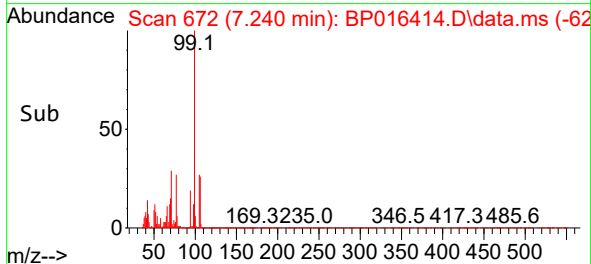
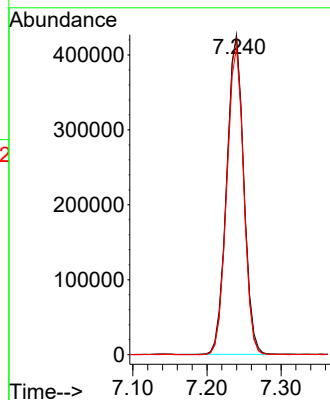
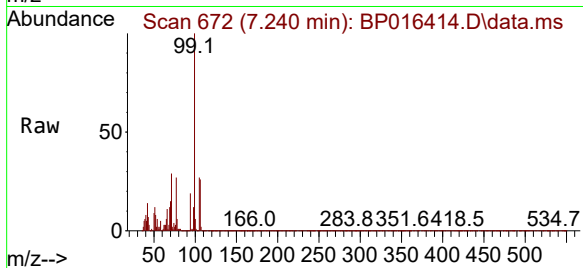




#9
Benzaldehyde
Concen: 58.929 ng
RT: 7.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP016414.D
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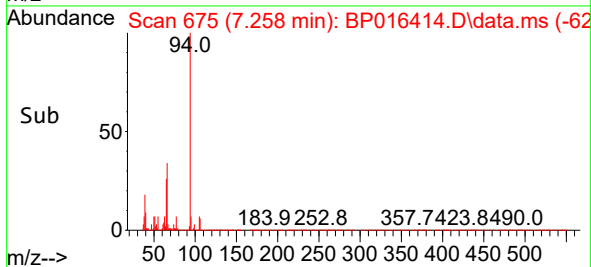
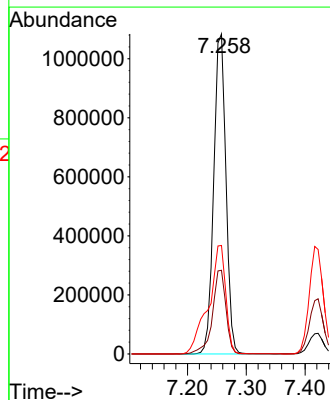
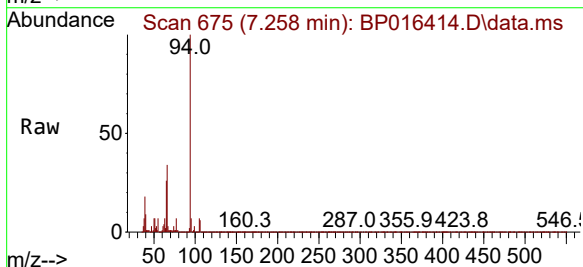
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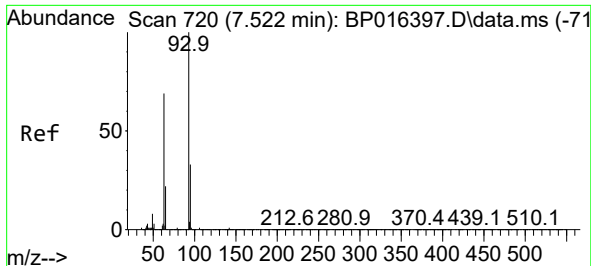
Tgt Ion: 77 Resp: 684220
Ion Ratio Lower Upper
77 100
105 99.0 81.9 121.9
106 96.0 78.8 118.8



#10
Phenol
Concen: 56.072 ng
RT: 7.258 min Scan# 675
Delta R.T. 0.006 min
Lab File: BP016414.D
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Tgt Ion: 94 Resp: 1560515
Ion Ratio Lower Upper
94 100
65 26.2 5.9 45.9
66 33.9 14.3 54.3

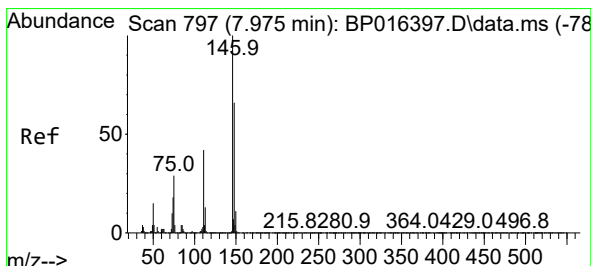
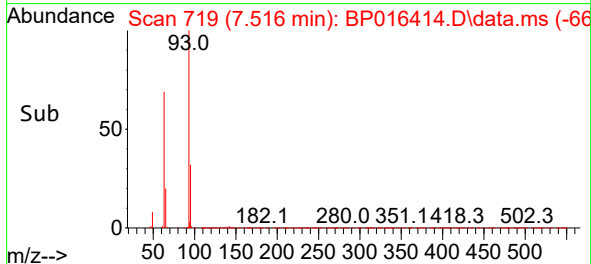
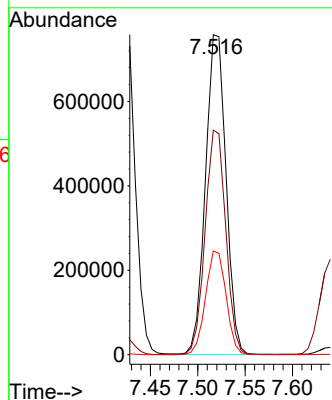
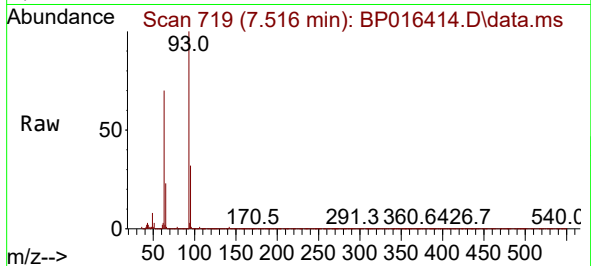




#11
bis(2-Chloroethyl)ether
Concen: 50.287 ng
RT: 7.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

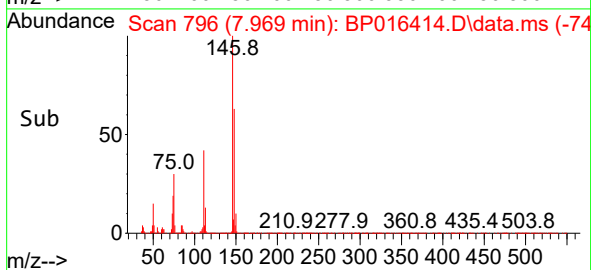
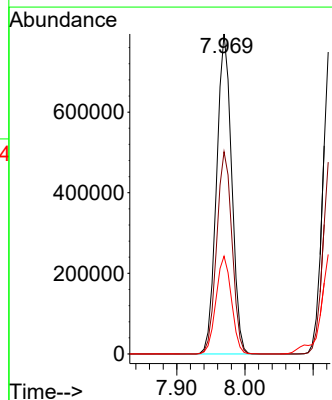
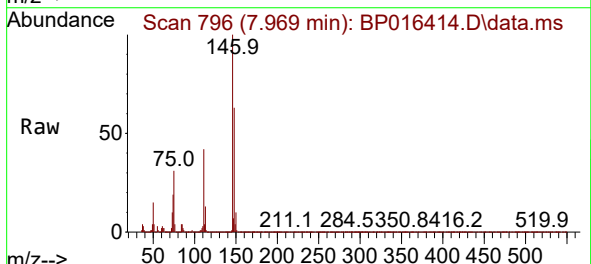
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

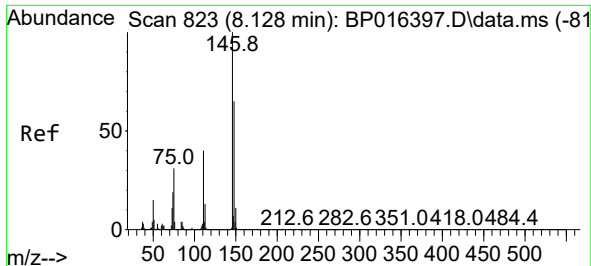
Tgt Ion: 93 Resp: 1137635
Ion Ratio Lower Upper
93 100
63 70.2 49.4 89.4
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 52.003 ng
RT: 7.969 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:146 Resp: 1223832
Ion Ratio Lower Upper
146 100
148 63.2 53.0 79.4
75 30.5 23.4 35.2

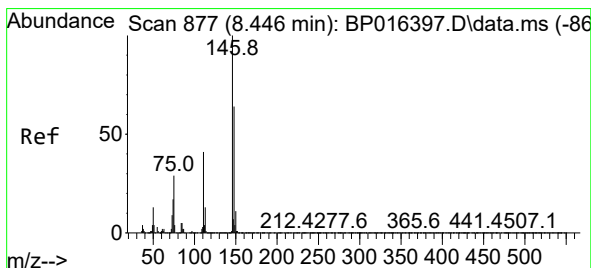
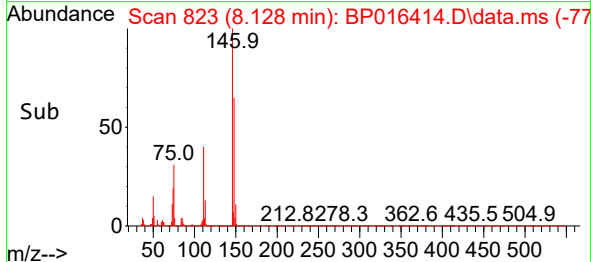
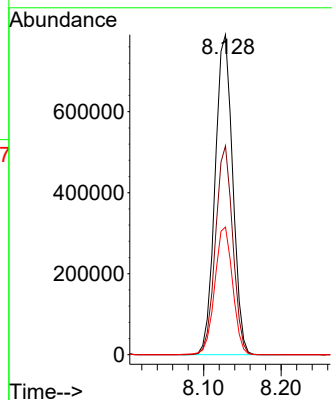
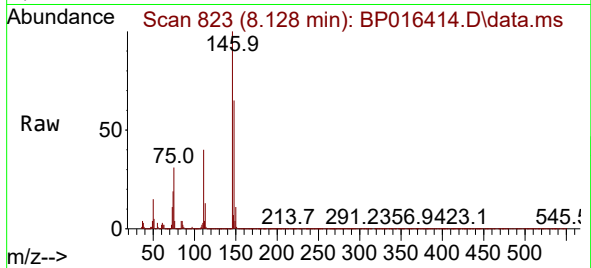




#13
1,4-Dichlorobenzene
Concen: 52.086 ng
RT: 8.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

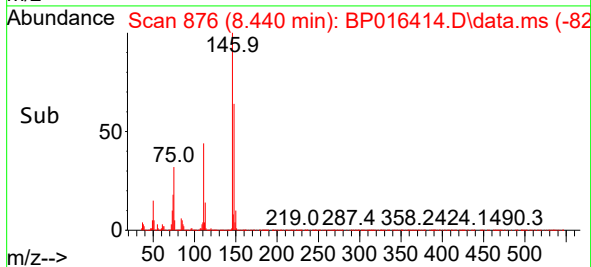
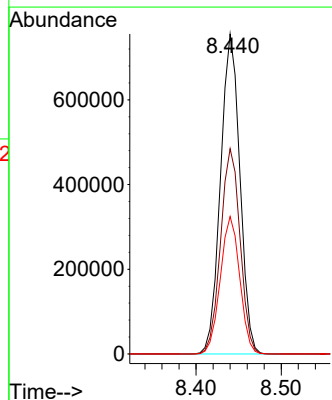
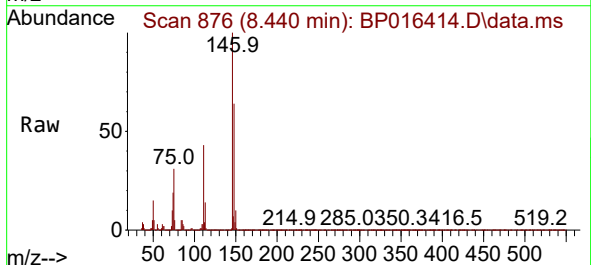
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

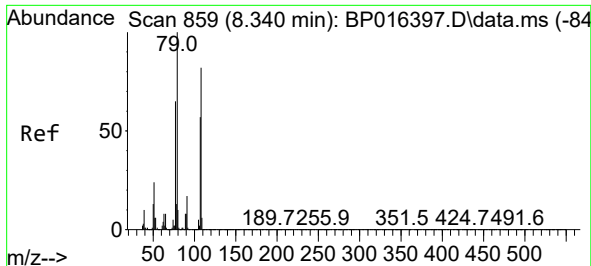
Tgt Ion:146 Resp: 1243430
Ion Ratio Lower Upper
146 100
148 65.3 51.7 77.5
111 39.9 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 51.887 ng
RT: 8.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:146 Resp: 1192629
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 42.9 32.6 49.0

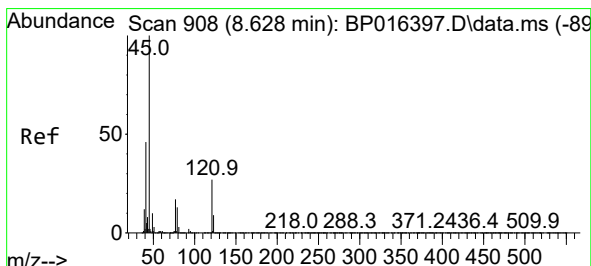
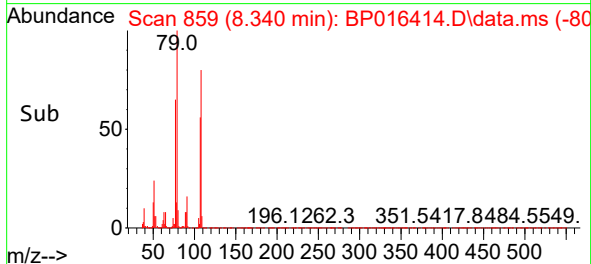
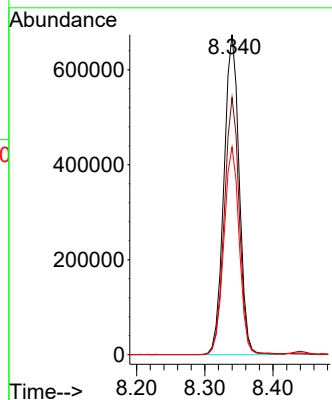
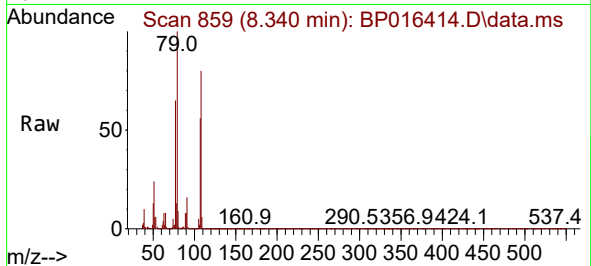




#15
Benzyl Alcohol
Concen: 53.580 ng
RT: 8.340 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

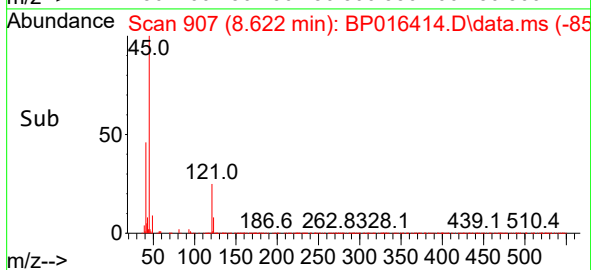
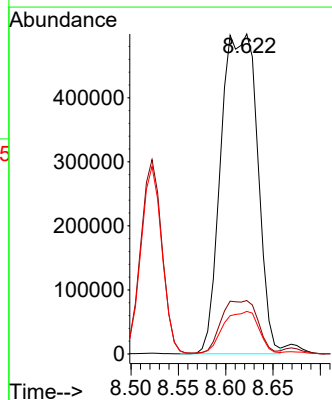
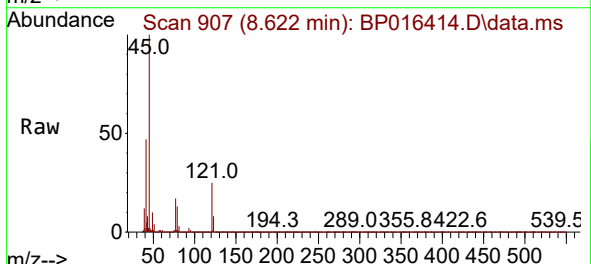
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

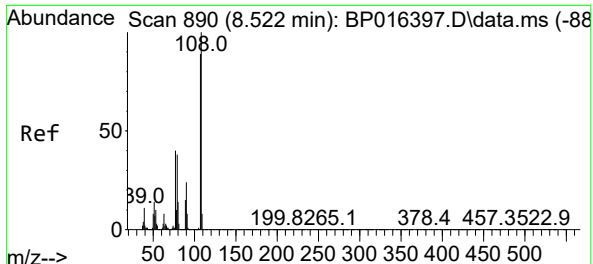
Tgt Ion: 79 Resp: 1049040
Ion Ratio Lower Upper
79 100
108 80.4 65.4 98.2
77 64.9 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.053 ng
RT: 8.622 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion: 45 Resp: 1335507
Ion Ratio Lower Upper
45 100
77 16.7 0.0 37.3
79 13.3 0.0 33.3



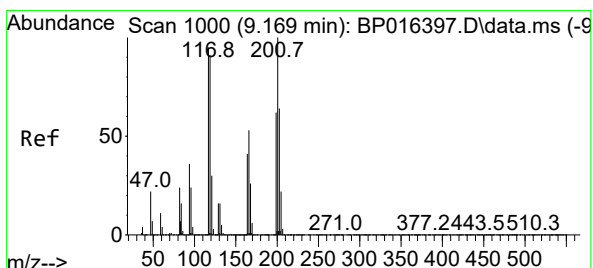
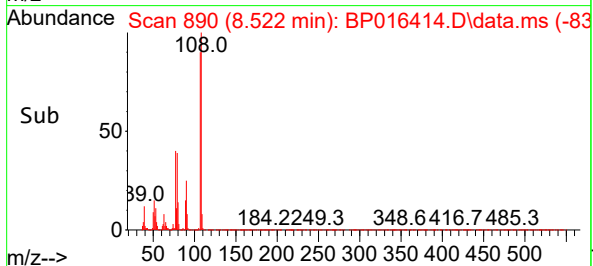
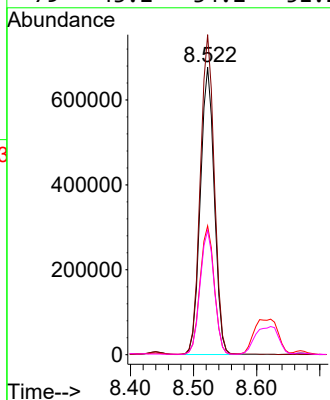
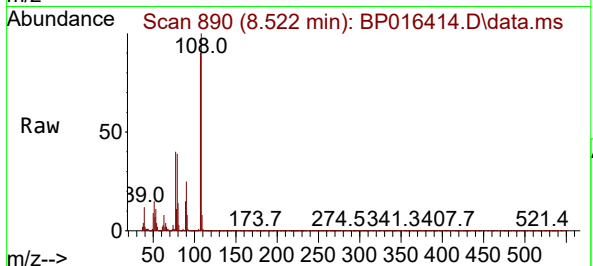


#17
2-Methylphenol
Concen: 51.643 ng
RT: 8.522 min Scan# 890
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Instrument :
BNA_P
ClientSampleId :
PB154218BSD

Tgt Ion:107 Resp: 1035811

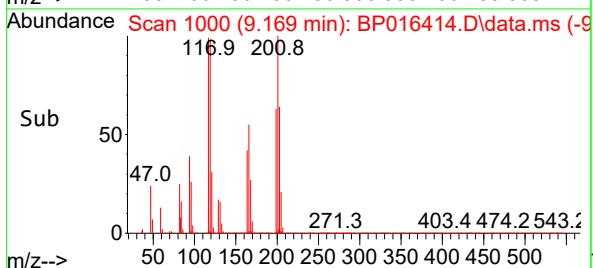
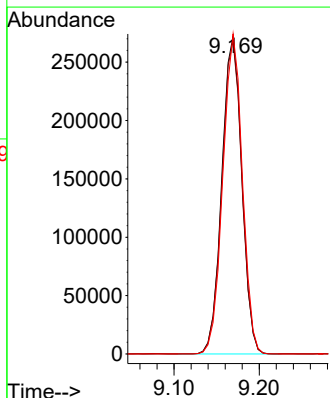
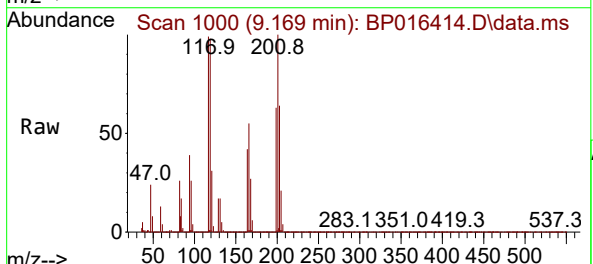
Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.6	134.4
77	44.8	35.6	53.4
79	43.2	34.2	51.2

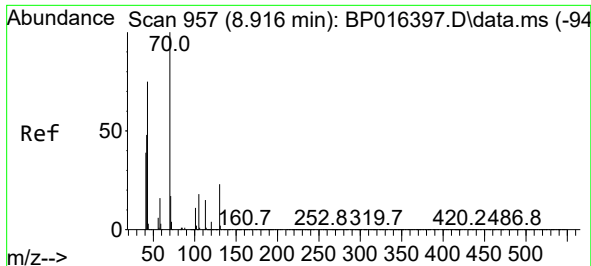


#18
Hexachloroethane
Concen: 52.203 ng
RT: 9.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:117 Resp: 444516

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.9	115.3
201	100.7	86.2	129.4

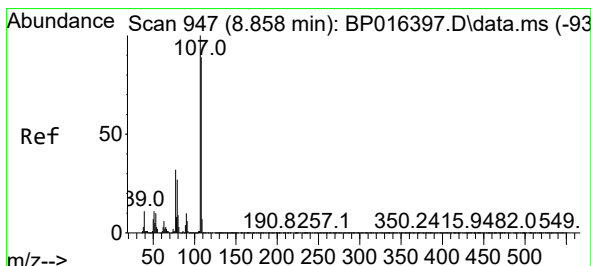
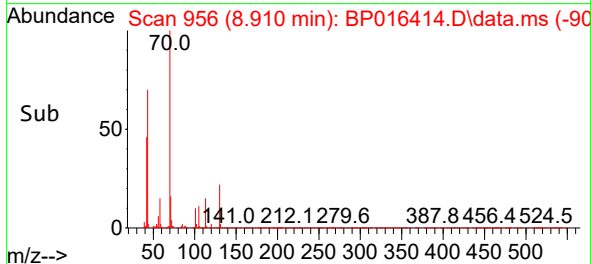
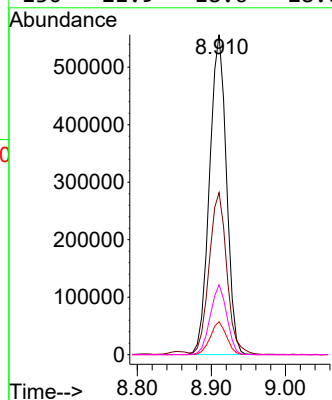
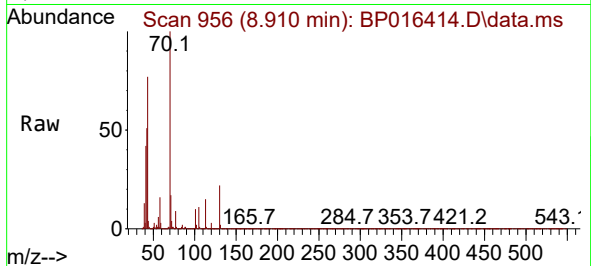




#19
n-Nitroso-di-n-propylamine
Concen: 48.983 ng
RT: 8.910 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

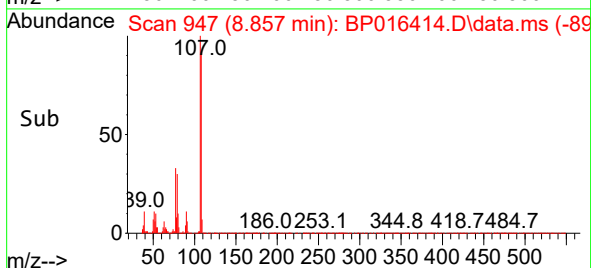
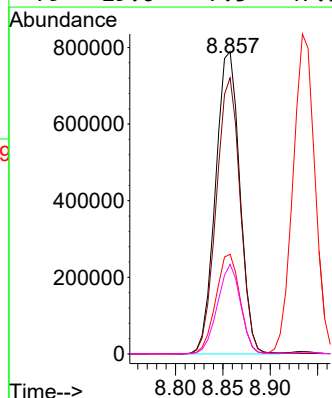
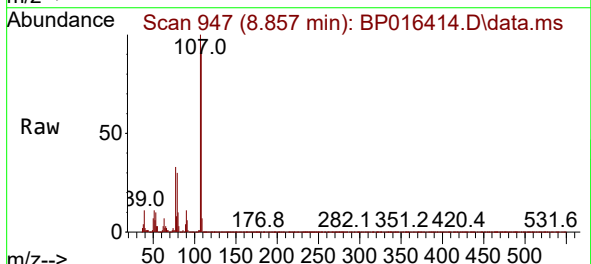
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

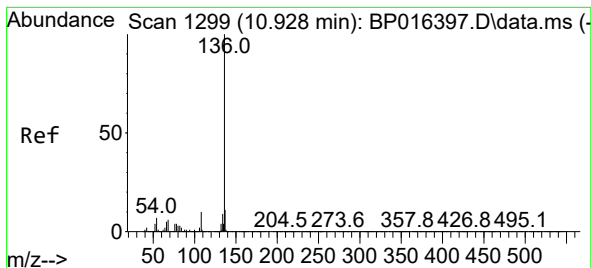
Tgt Ion: 70 Resp: 879432
Ion Ratio Lower Upper
70 100
42 50.6 39.3 58.9
101 10.3 8.6 12.8
130 21.9 18.6 28.0



#20
3+4-Methylphenols
Concen: 51.615 ng
RT: 8.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion: 107 Resp: 1406017
Ion Ratio Lower Upper
107 100
108 91.3 69.1 109.1
77 33.0 12.0 52.0
79 29.6 7.5 47.5

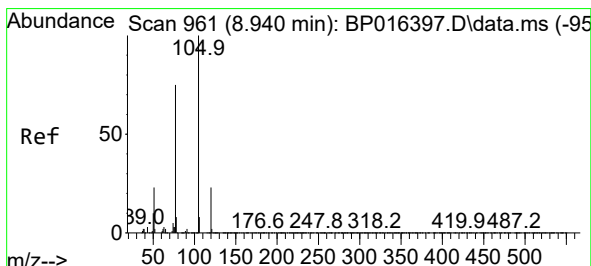
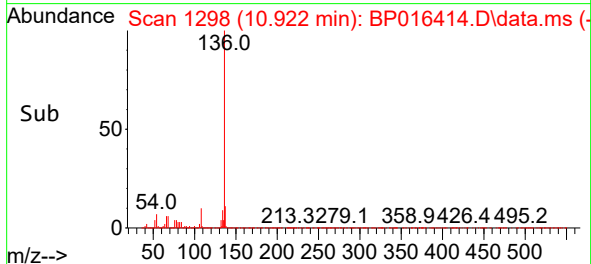
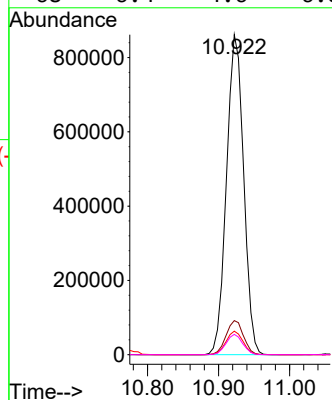
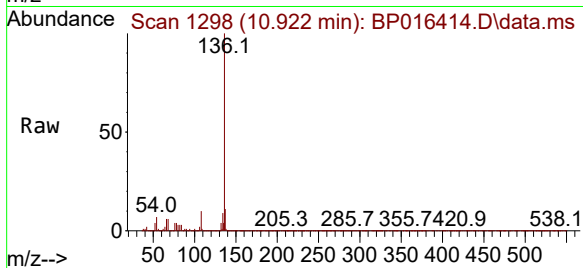




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

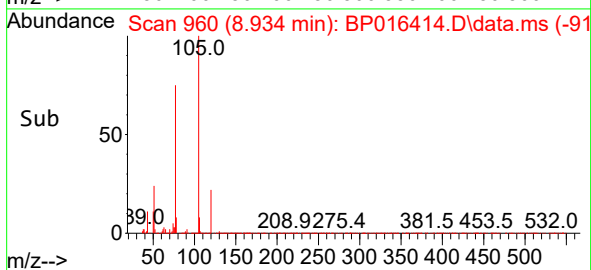
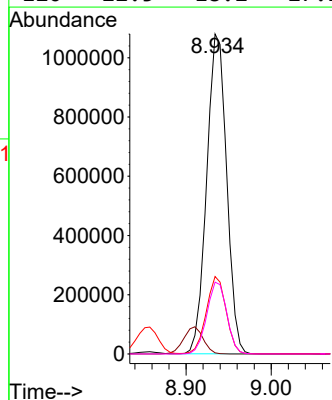
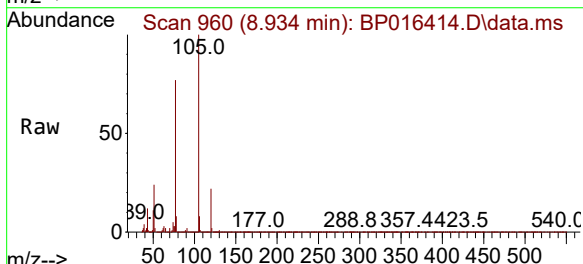
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

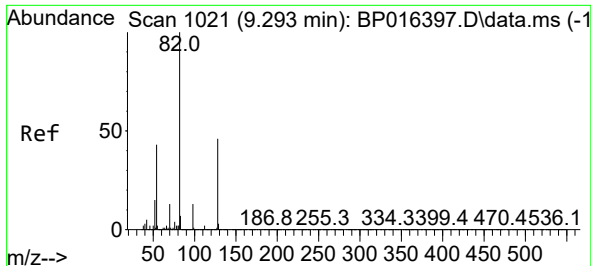
Tgt Ion:136 Resp: 1443205
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.4 5.6 8.4
68 6.4 4.6 6.8



#22
Acetophenone
Concen: 48.305 ng
RT: 8.934 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:105 Resp: 1760137
Ion Ratio Lower Upper
105 100
71 0.4 0.2 0.2#
51 24.2 18.3 27.5
120 22.5 18.2 27.2

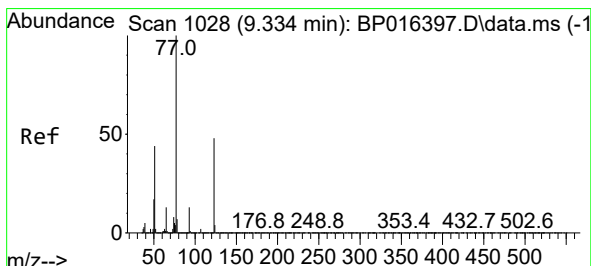
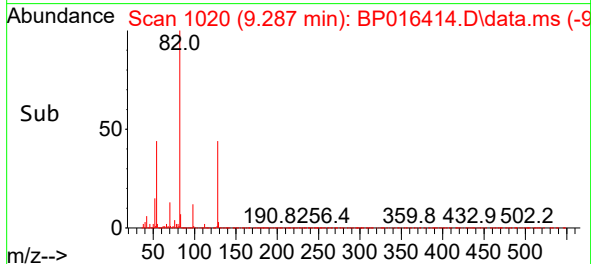
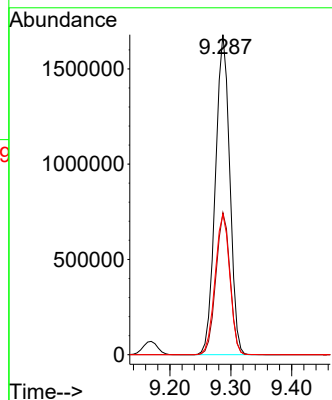
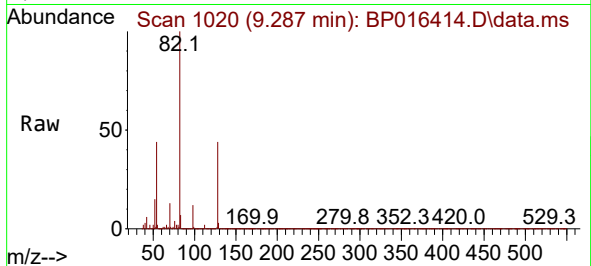




#23
Nitrobenzene-d5
Concen: 106.643 ng
RT: 9.287 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

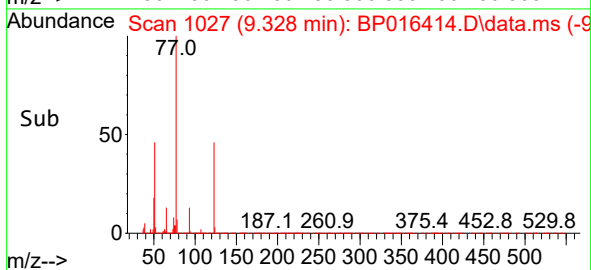
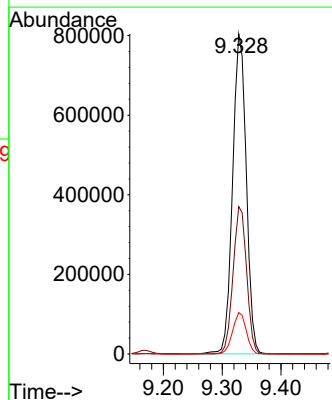
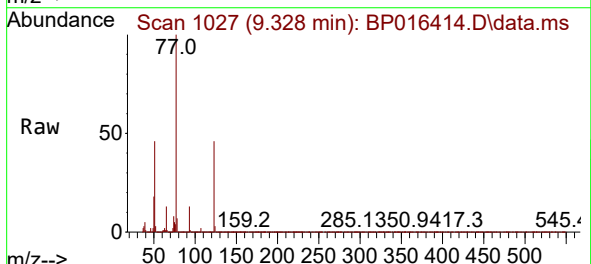
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

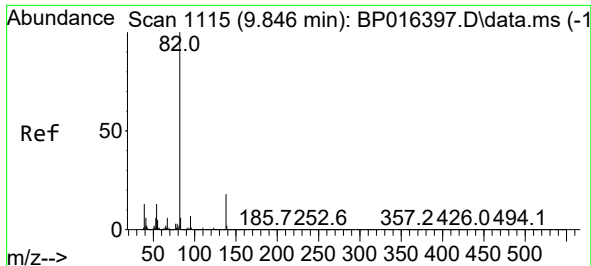
Tgt Ion: 82 Resp: 2749420
Ion Ratio Lower Upper
82 100
128 44.4 36.6 55.0
54 43.9 34.5 51.7



#24
Nitrobenzene
Concen: 48.881 ng
RT: 9.328 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion: 77 Resp: 1294375
Ion Ratio Lower Upper
77 100
123 46.0 38.6 58.0
65 13.0 10.5 15.7

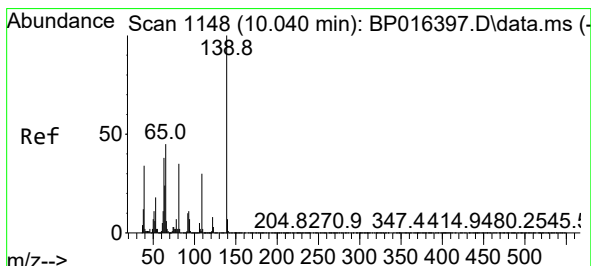
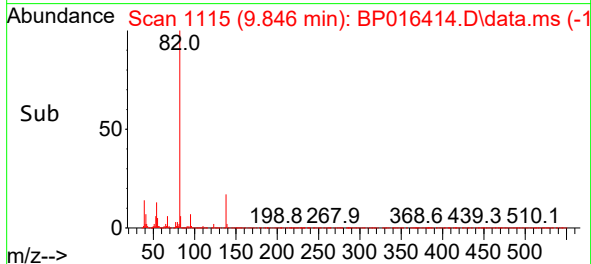
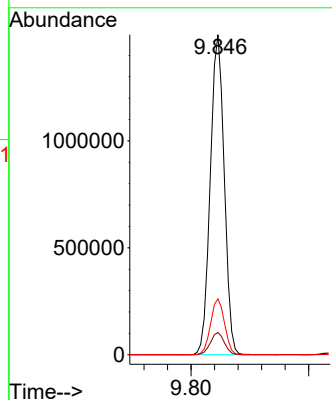
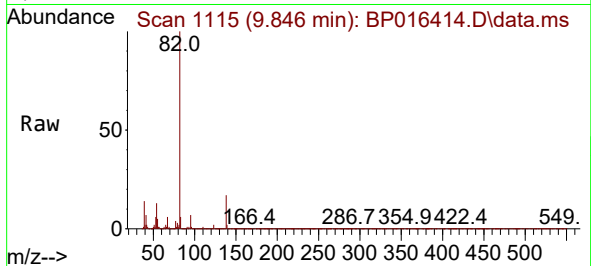




#25
Isophorone
Concen: 47.401 ng
RT: 9.846 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

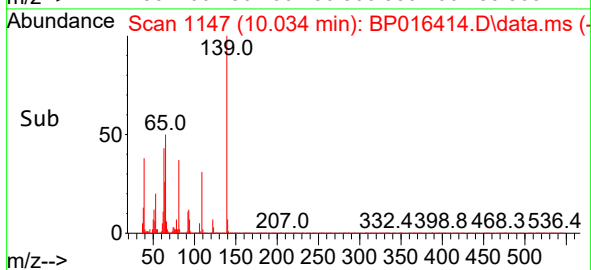
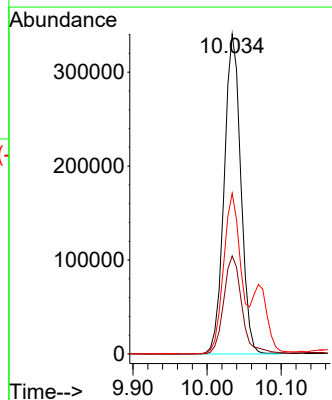
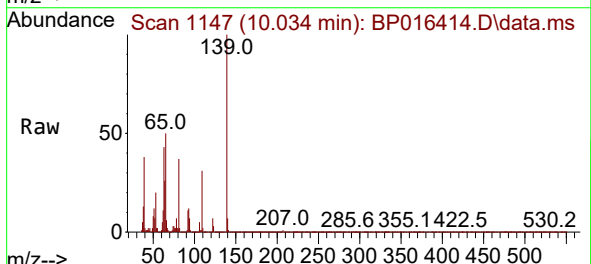
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

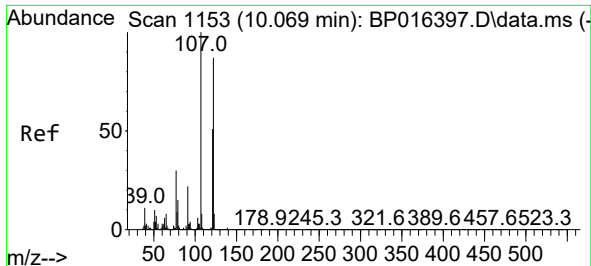
Tgt Ion: 82 Resp: 2467278
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.5 14.6 22.0



#26
2-Nitrophenol
Concen: 46.581 ng
RT: 10.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion: 139 Resp: 530506
Ion Ratio Lower Upper
139 100
109 30.7 24.2 36.4
65 50.2 35.8 53.6

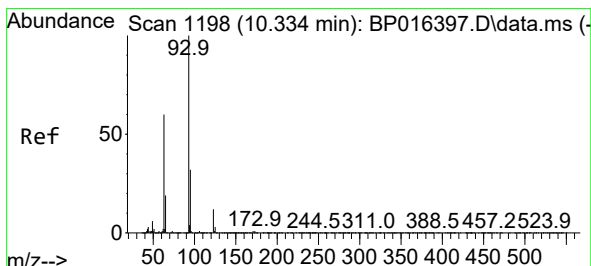
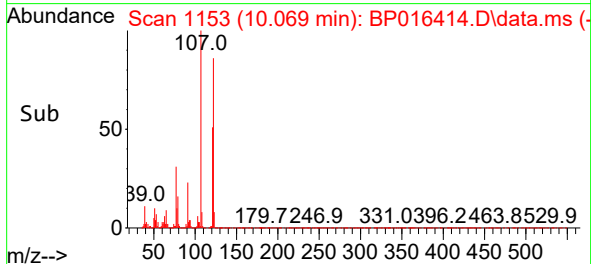
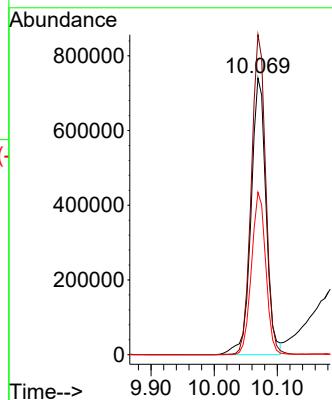
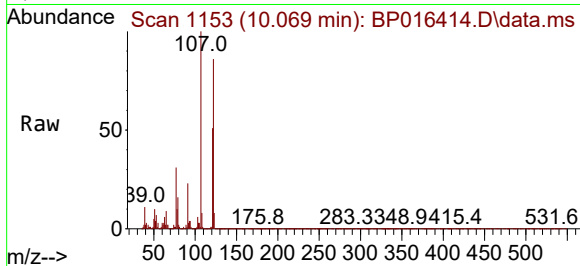




#27
2,4-Dimethylphenol
Concen: 52.478 ng
RT: 10.069 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

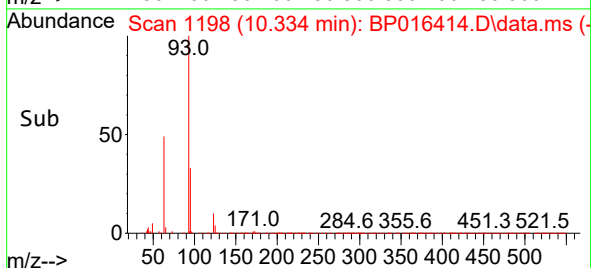
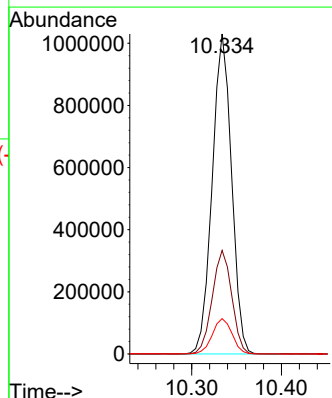
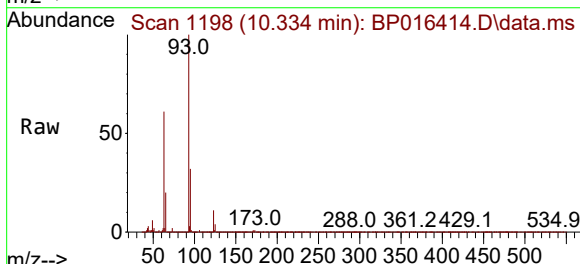
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

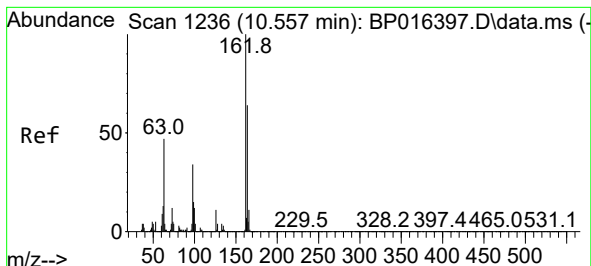
Tgt Ion:122 Resp: 1222011
Ion Ratio Lower Upper
122 100
107 115.7 91.9 137.9
121 58.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 48.271 ng
RT: 10.334 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion: 93 Resp: 1539023
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.534 ng

RT: 10.557 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

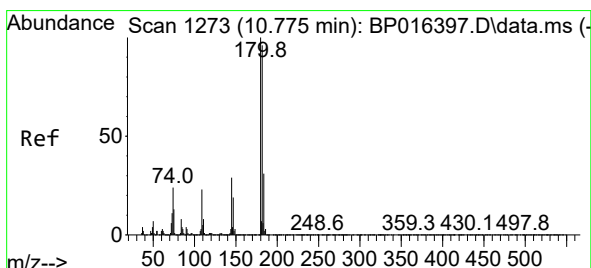
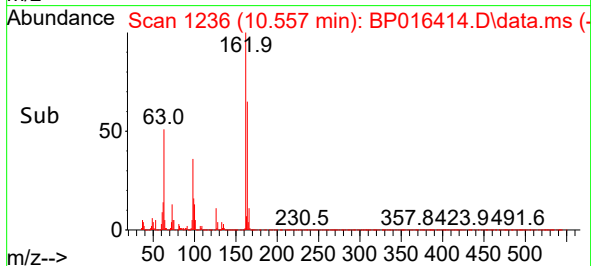
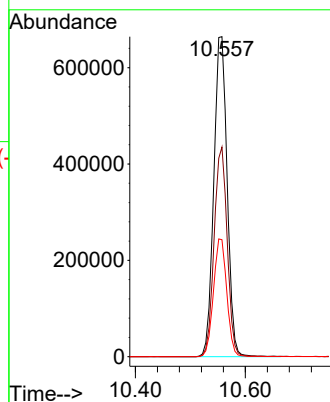
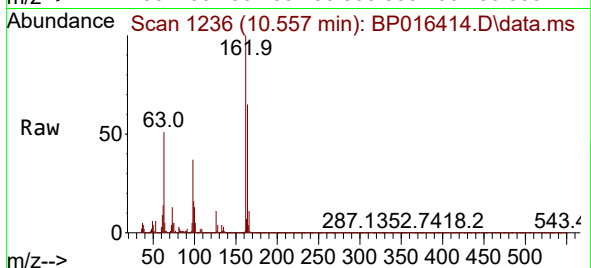
Tgt Ion:162 Resp: 1123079

Ion Ratio Lower Upper

162 100

164 65.5 44.2 84.2

98 36.5 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 47.641 ng

RT: 10.769 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

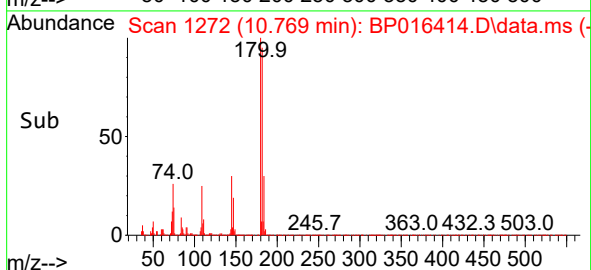
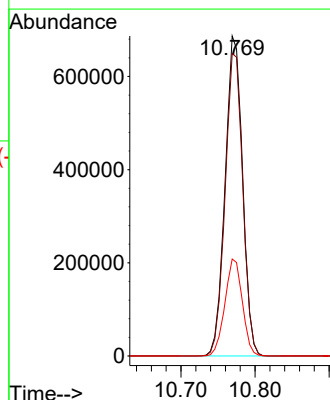
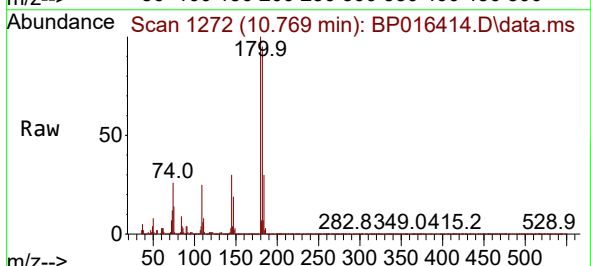
Tgt Ion:180 Resp: 1124535

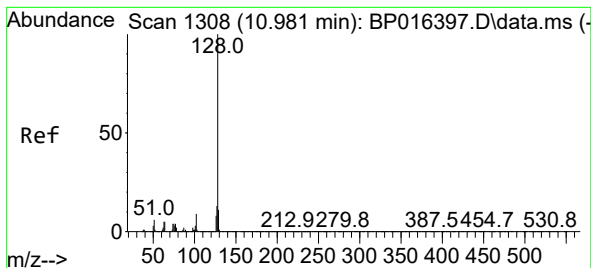
Ion Ratio Lower Upper

180 100

182 94.5 77.1 115.7

145 30.3 22.9 34.3

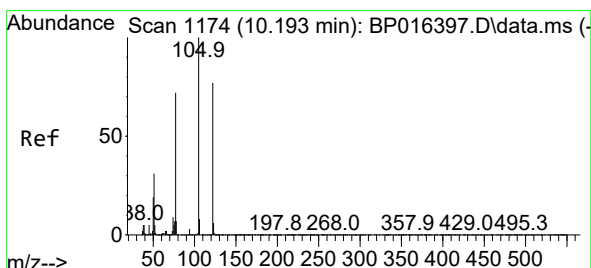
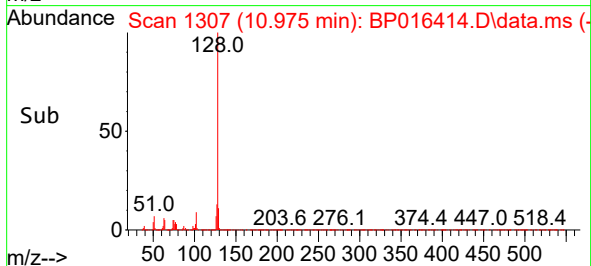
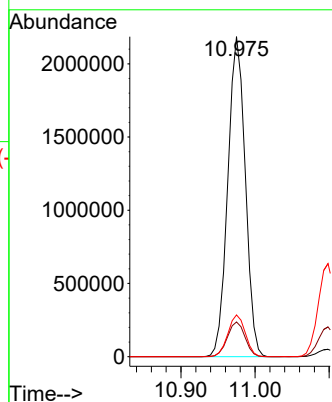
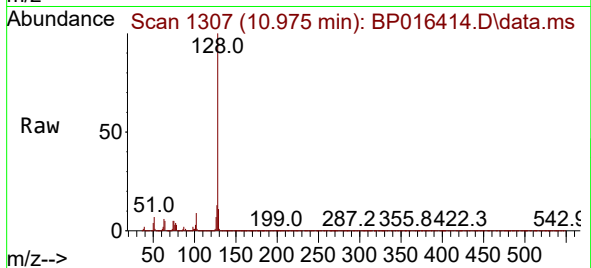




#31
Naphthalene
Concen: 47.377 ng
RT: 10.975 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

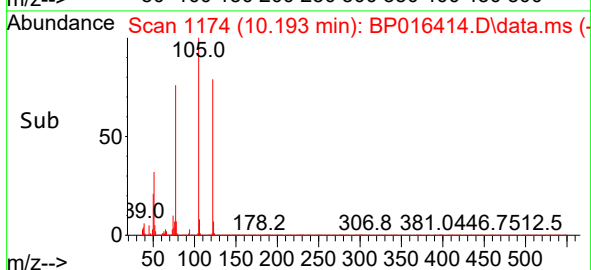
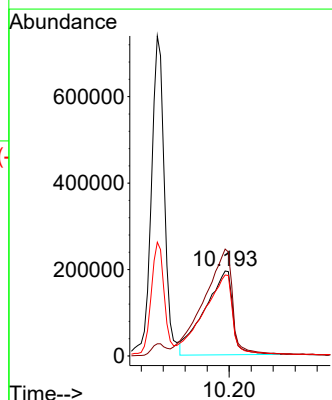
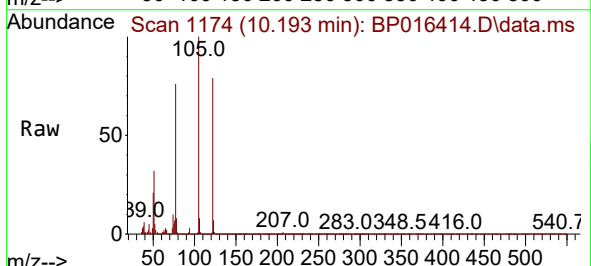
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

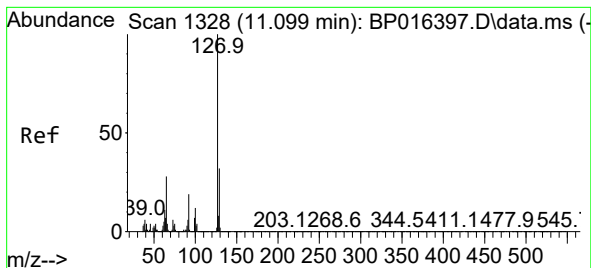
Tgt Ion:128 Resp: 3576507
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 45.707 ng
RT: 10.193 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:122 Resp: 693027
Ion Ratio Lower Upper
122 100
105 126.0 105.2 145.2
77 95.4 72.2 112.2



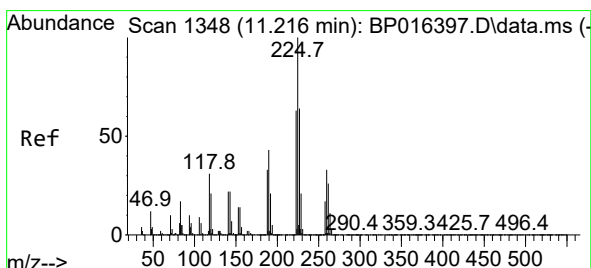
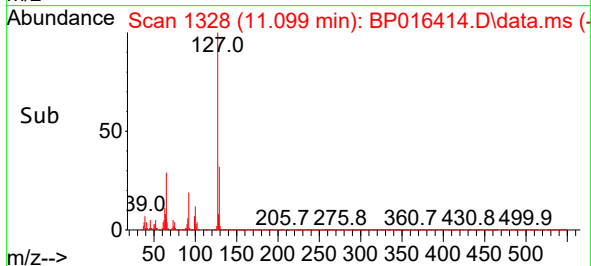
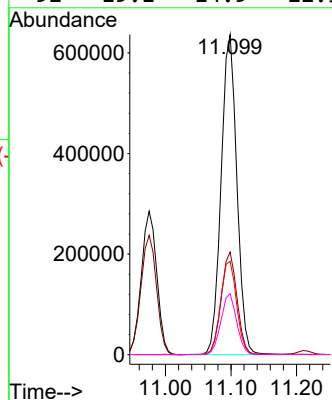
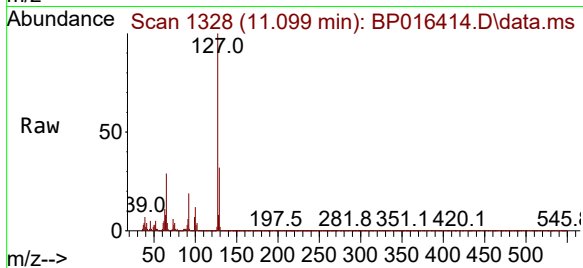


#33
4-Chloroaniline
Concen: 31.084 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Instrument :
BNA_P
ClientSampleId :
PB154218BSD

Tgt Ion:127 Resp: 1058458

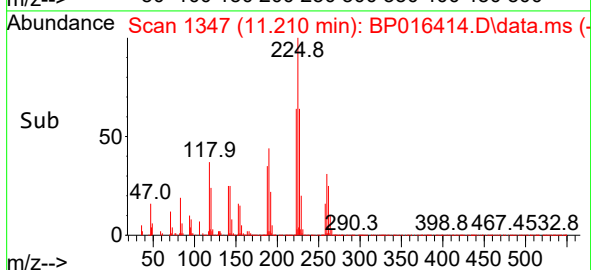
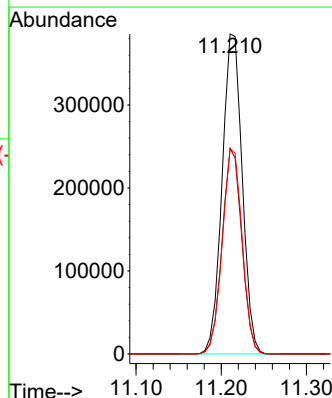
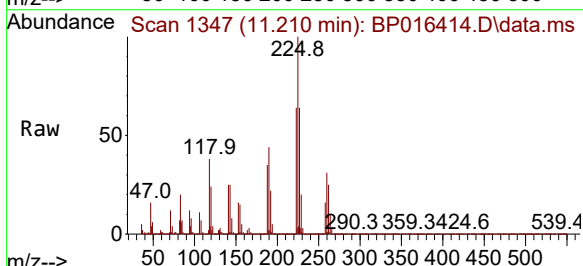
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	29.2	22.7	34.1
92	19.1	14.9	22.3

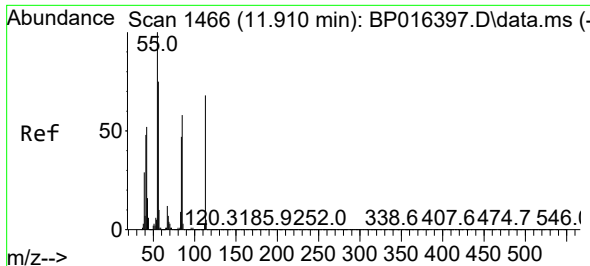


#34
Hexachlorobutadiene
Concen: 45.252 ng
RT: 11.210 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:225 Resp: 632400

Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.2	75.4
227	64.1	51.0	76.6

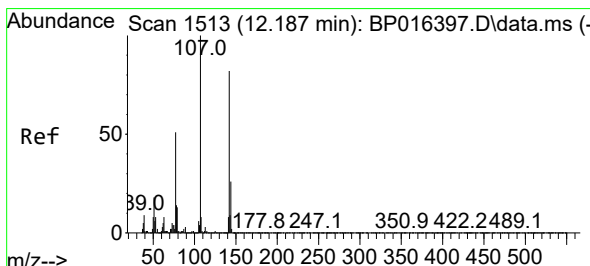
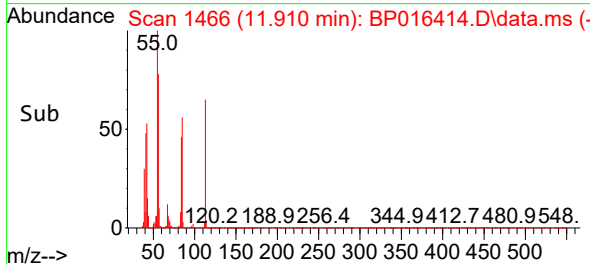
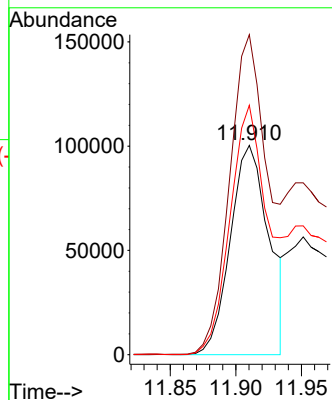
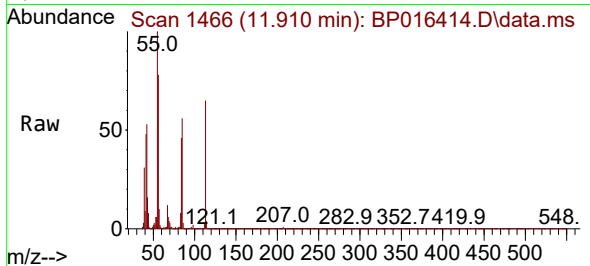




#35
 Caprolactam
 Concen: 25.861 ng
 RT: 11.910 min Scan# 1466
 Delta R.T. -0.000 min
 Lab File: BP016414.D
 Acq: 28 Jul 2023 09:48

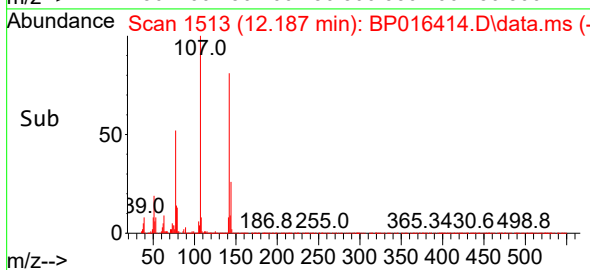
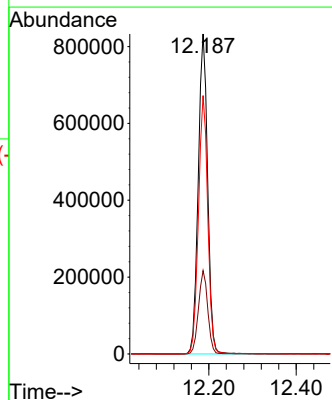
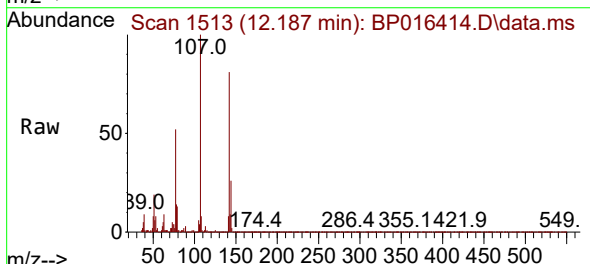
Instrument :
 BNA_P
 ClientSampleId :
 PB154218BSD

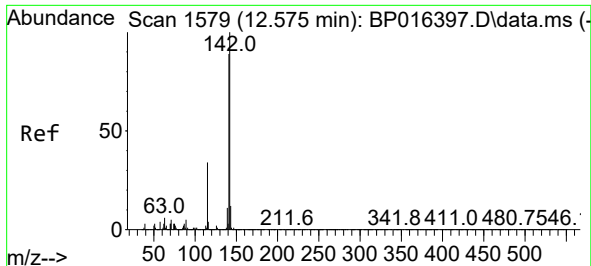
Tgt Ion:113 Resp: 205936
 Ion Ratio Lower Upper
 113 100
 55 152.9 128.0 168.0
 56 119.2 91.3 131.3



#36
 4-Chloro-3-methylphenol
 Concen: 51.617 ng
 RT: 12.187 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: BP016414.D
 Acq: 28 Jul 2023 09:48

Tgt Ion:107 Resp: 1250382
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.0 31.6
 142 80.8 65.6 98.4

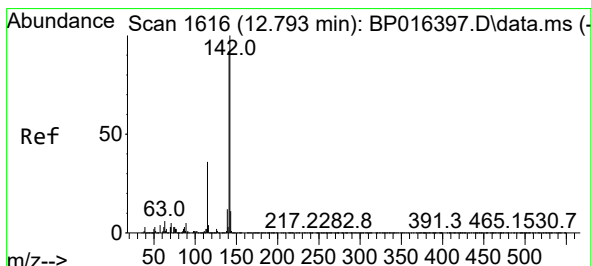
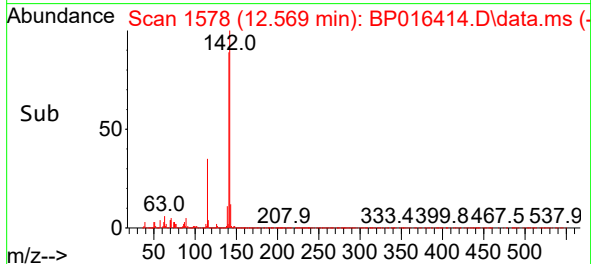
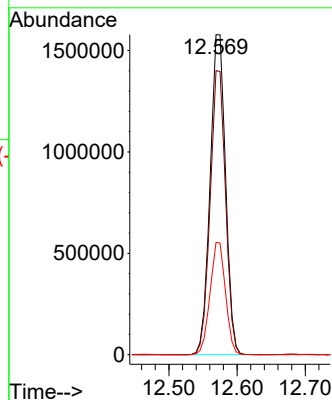
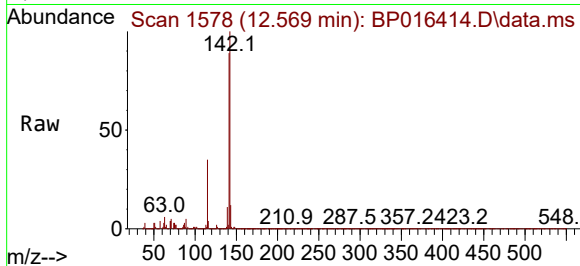




#37
2-Methylnaphthalene
Concen: 45.336 ng
RT: 12.569 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

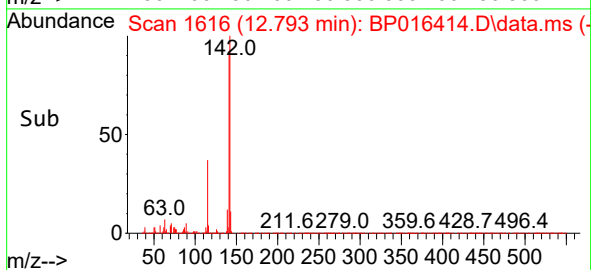
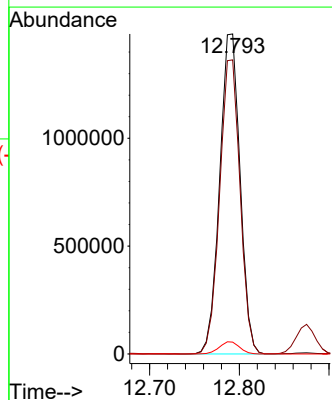
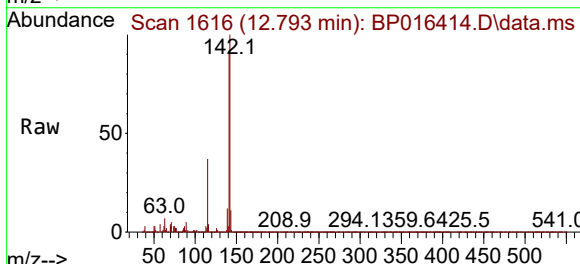
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

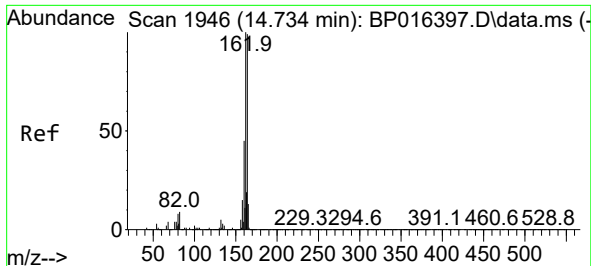
Tgt Ion:142 Resp: 2486261
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 35.1 27.0 40.4



#38
1-Methylnaphthalene
Concen: 45.494 ng
RT: 12.793 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:142 Resp: 2339047
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6
116 3.7 2.9 4.3

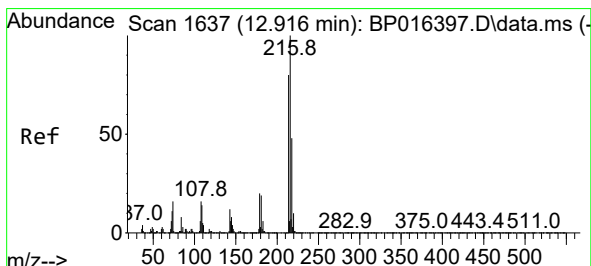
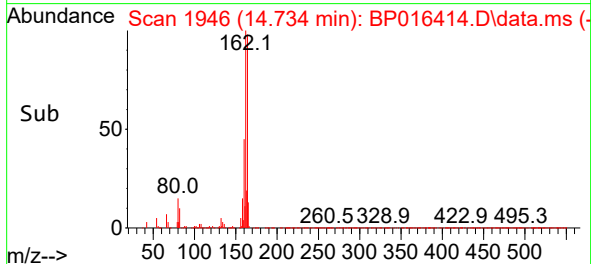
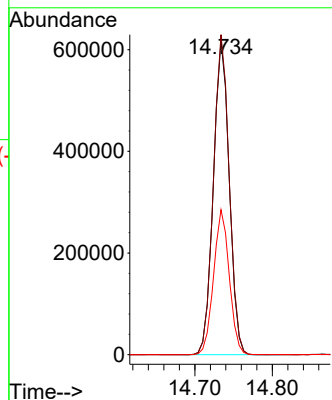
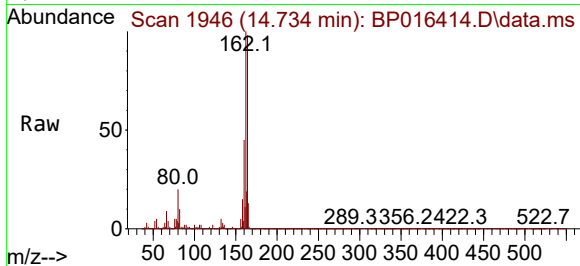




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

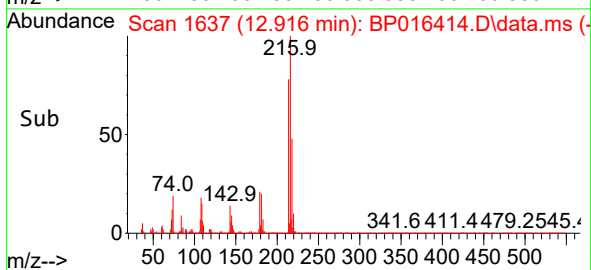
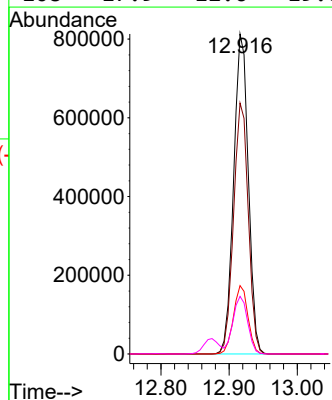
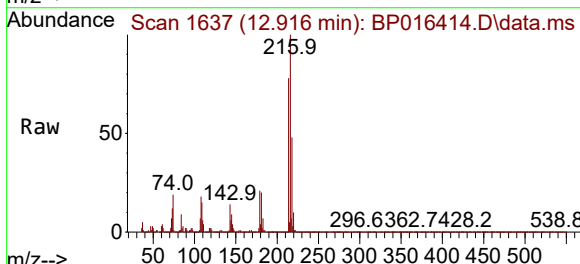
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

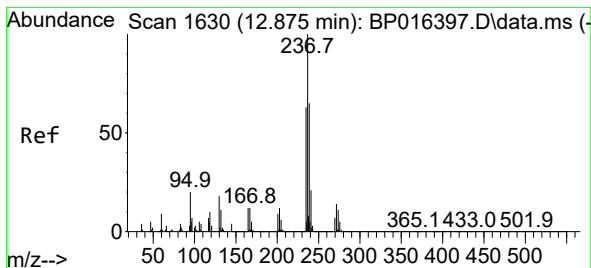
Tgt Ion:164 Resp: 877872
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.6
160 46.1 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.560 ng
RT: 12.916 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:216 Resp: 1215429
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 21.2 16.0 24.0
108 17.9 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 117.237 ng

RT: 12.875 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

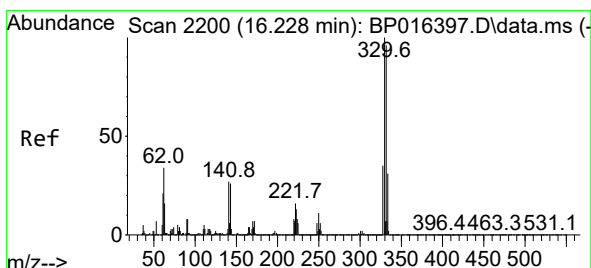
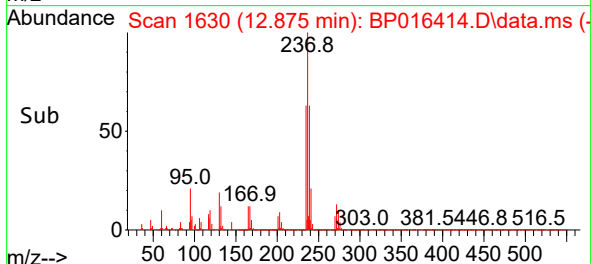
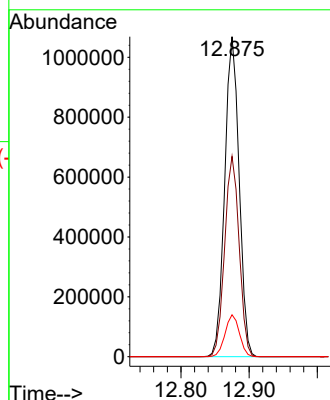
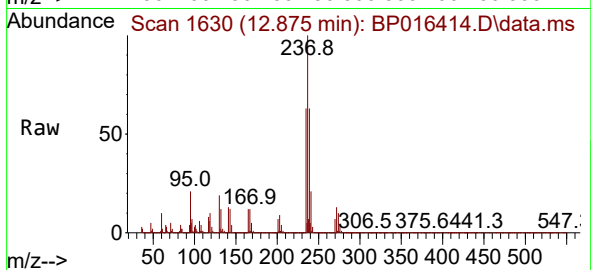
Tgt Ion:237 Resp: 1570810

Ion Ratio Lower Upper

237 100

235 62.6 42.7 82.7

272 13.1 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 136.225 ng

RT: 16.228 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

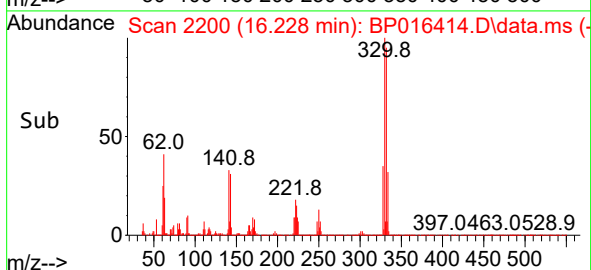
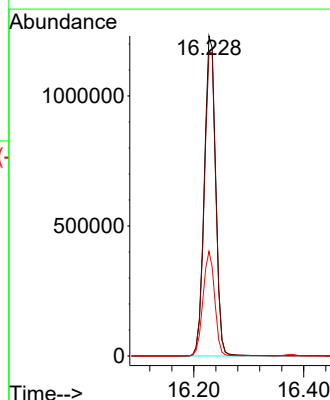
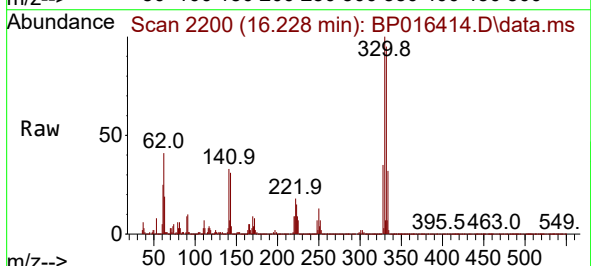
Tgt Ion:330 Resp: 1759316

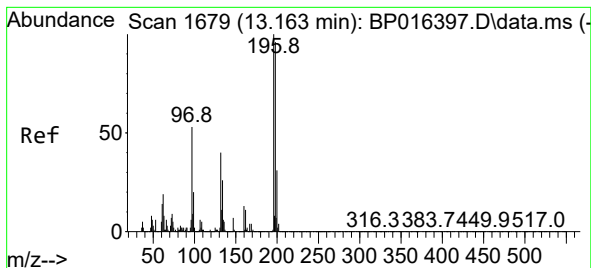
Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.8

141 33.6 22.6 34.0





#43

2,4,6-Trichlorophenol

Concen: 50.725 ng

RT: 13.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

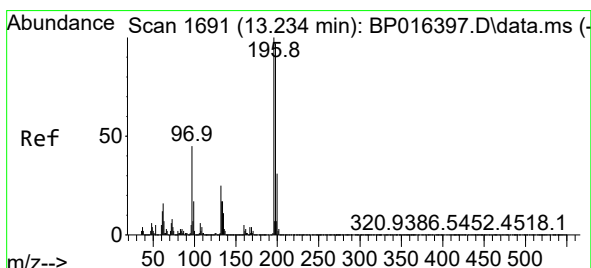
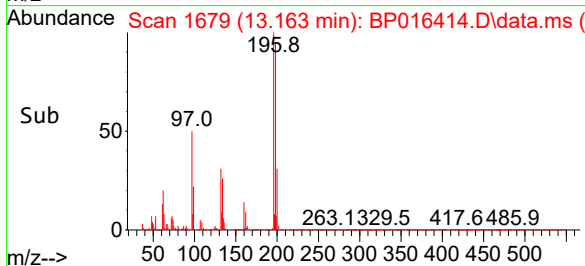
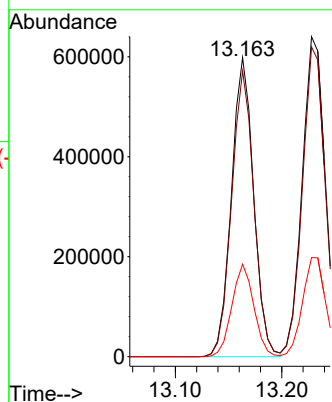
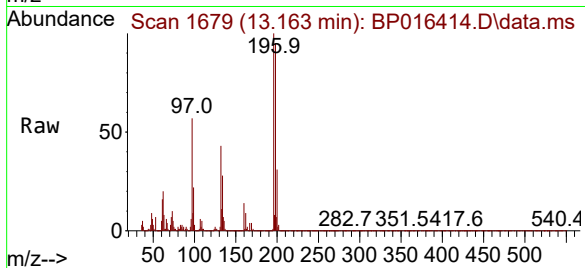
Tgt Ion:196 Resp: 868280

Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.4

200 30.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.534 ng

RT: 13.228 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Tgt Ion:196 Resp: 966383

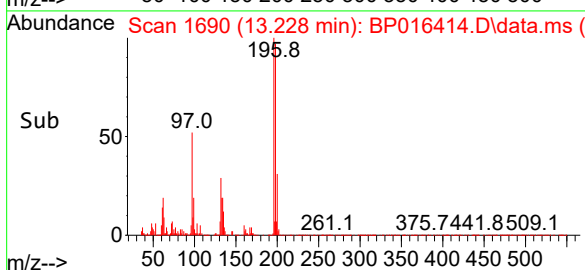
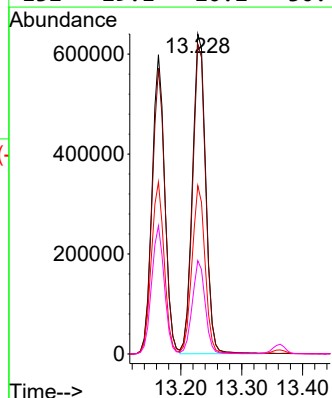
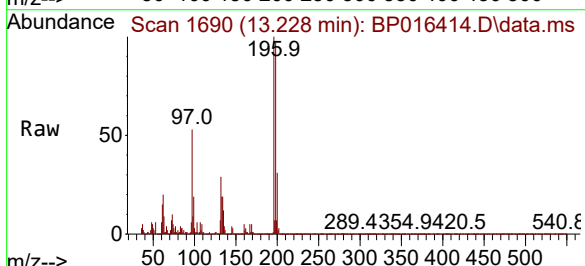
Ion Ratio Lower Upper

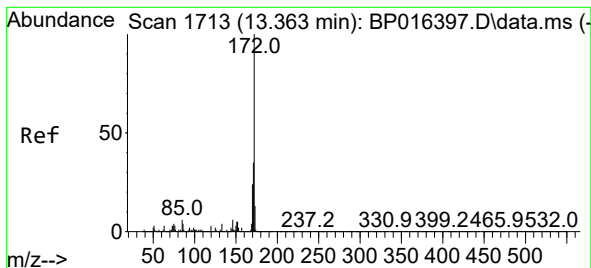
196 100

198 96.8 77.3 115.9

97 52.6 36.2 54.4

132 29.1 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 101.149 ng

RT: 13.363 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

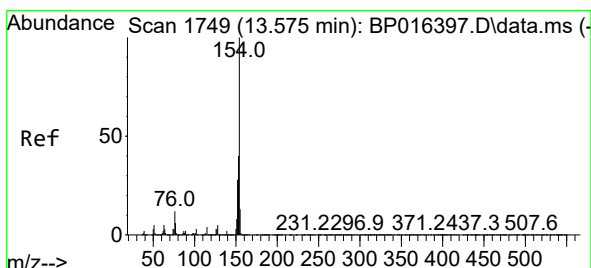
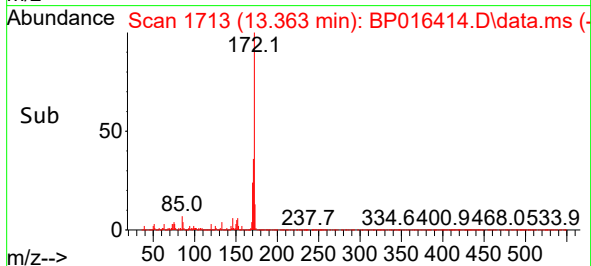
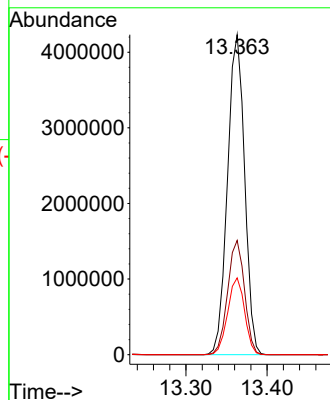
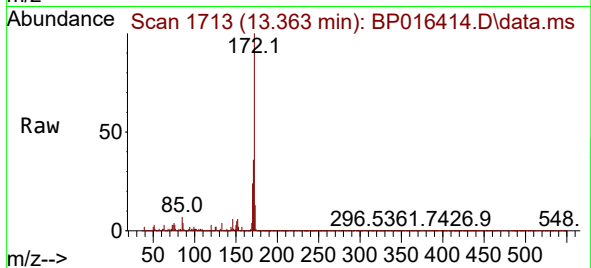
Tgt Ion:172 Resp: 6193584

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.562 ng

RT: 13.575 min Scan# 1749

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

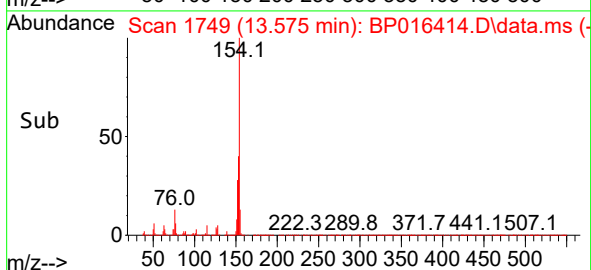
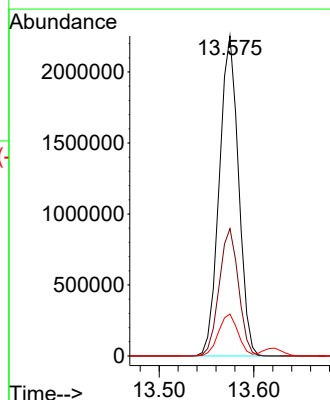
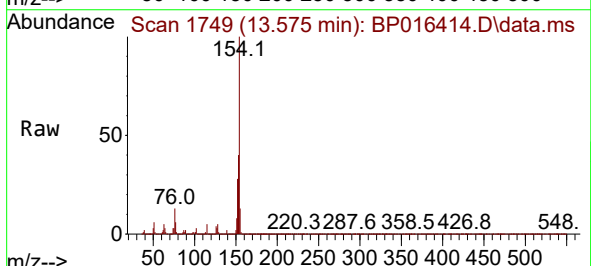
Tgt Ion:154 Resp: 3182765

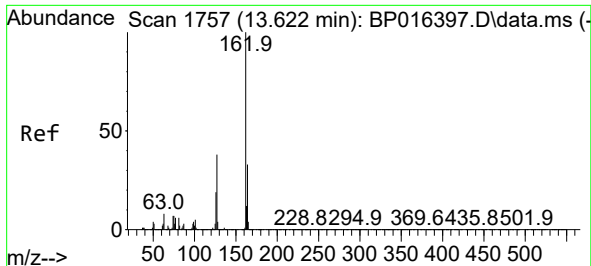
Ion Ratio Lower Upper

154 100

153 39.8 20.1 60.1

76 13.1 0.0 32.5

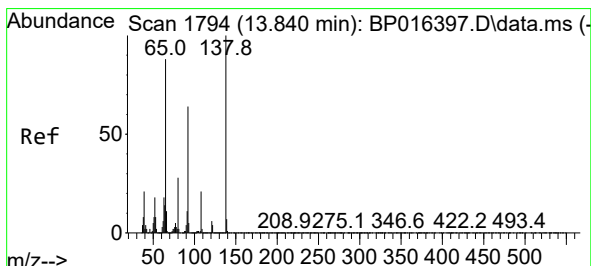
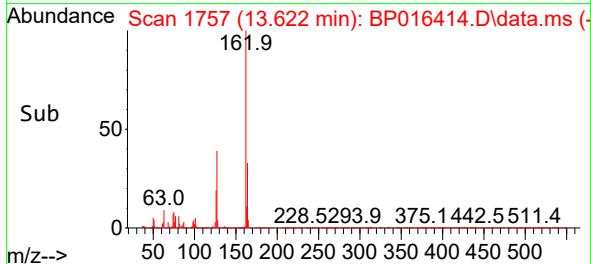
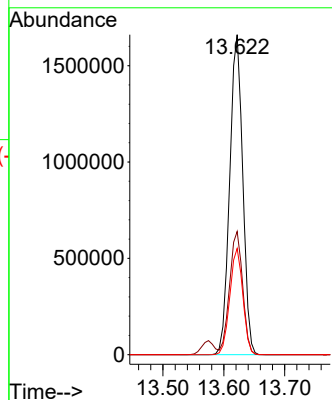
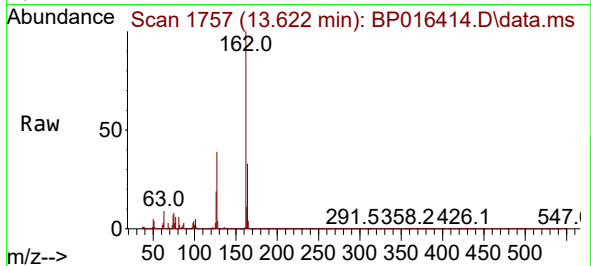




#47
2-Chloronaphthalene
Concen: 49.013 ng
RT: 13.622 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

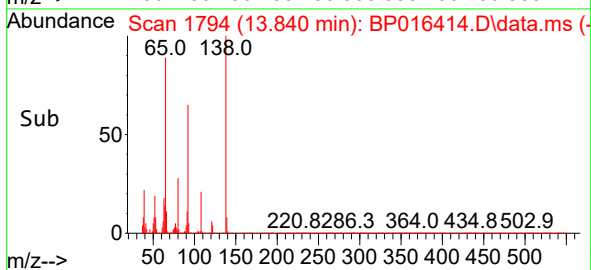
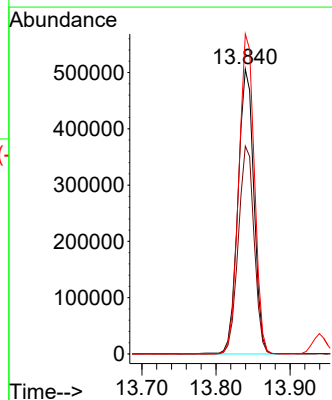
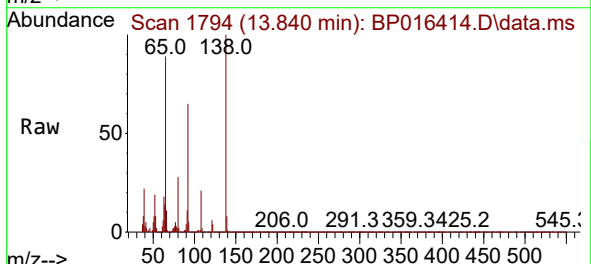
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

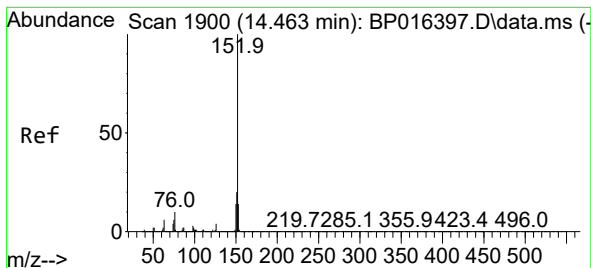
Tgt Ion:162 Resp: 2474449
Ion Ratio Lower Upper
162 100
127 38.5 30.1 45.1
164 33.2 26.6 39.8



#48
2-Nitroaniline
Concen: 52.969 ng
RT: 13.840 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion: 65 Resp: 753795
Ion Ratio Lower Upper
65 100
92 73.0 58.2 87.4
138 112.3 91.3 136.9





#49

Acenaphthylene

Concen: 48.075 ng

RT: 14.463 min Scan# 1900

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

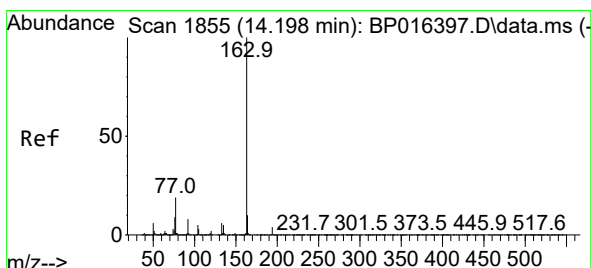
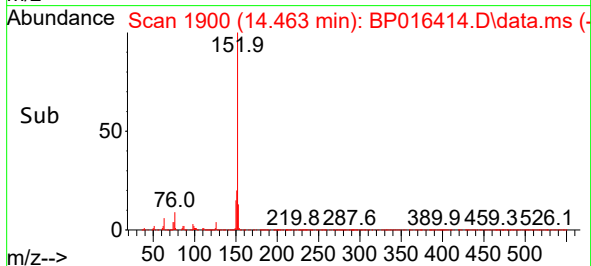
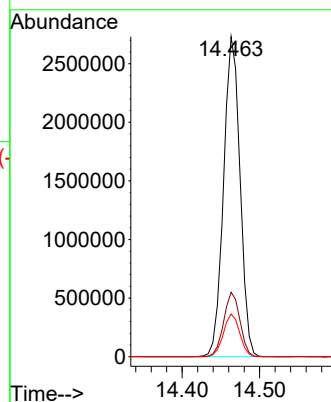
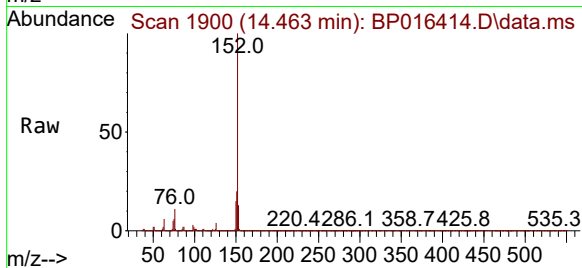
Tgt Ion:152 Resp: 4027035

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 47.063 ng

RT: 14.198 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

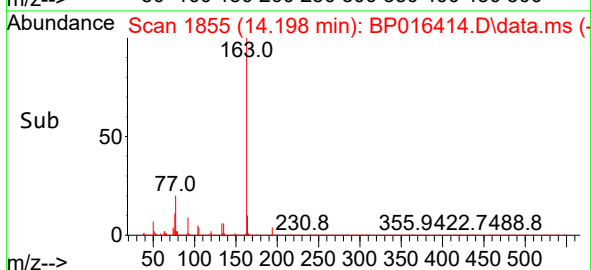
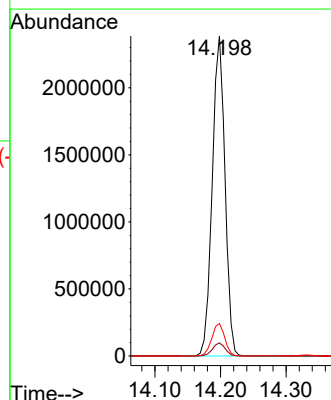
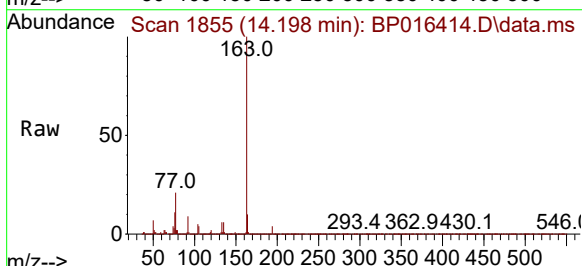
Tgt Ion:163 Resp: 3219581

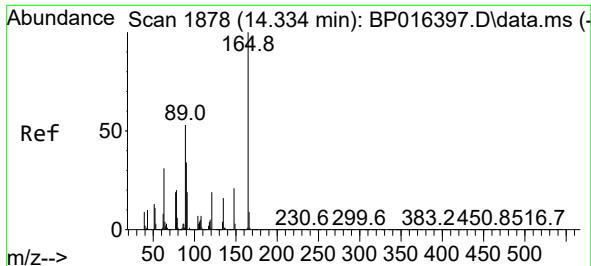
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.2 8.2 12.2

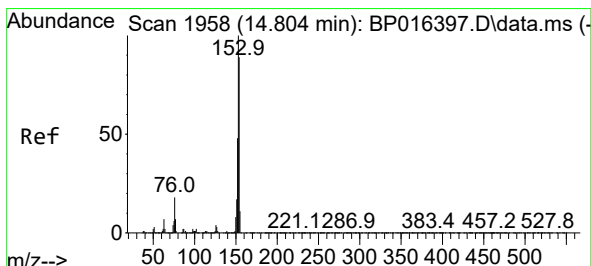
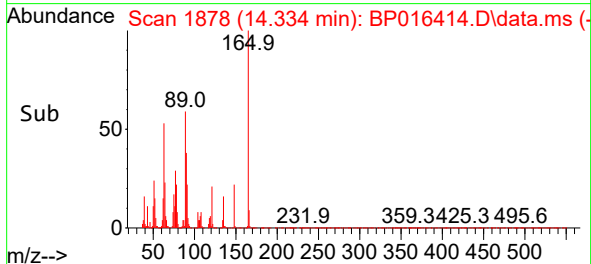
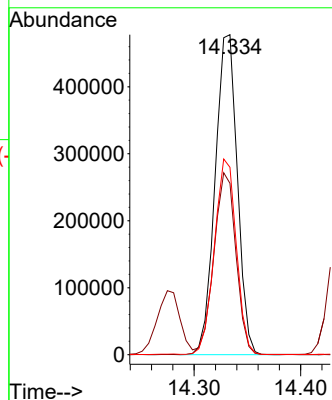
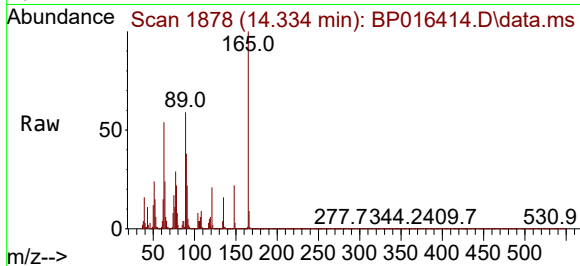




#51
2,6-Dinitrotoluene
Concen: 49.332 ng
RT: 14.334 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

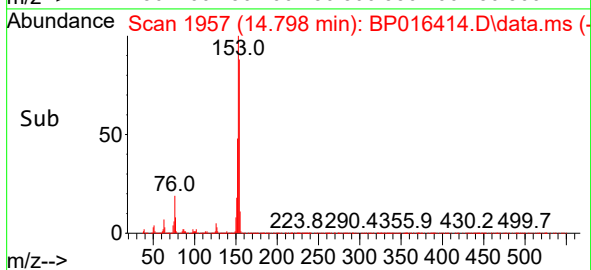
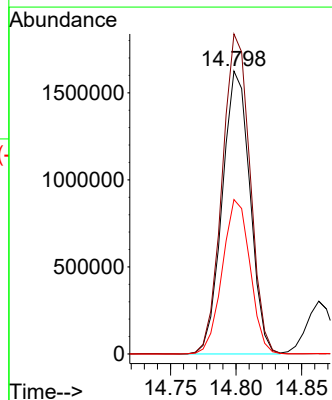
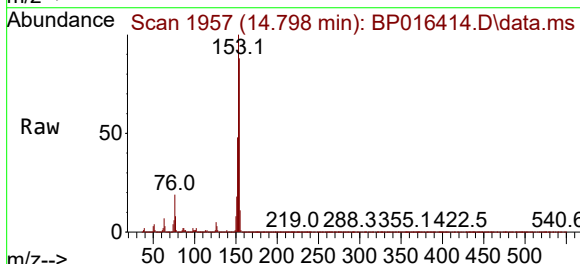
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

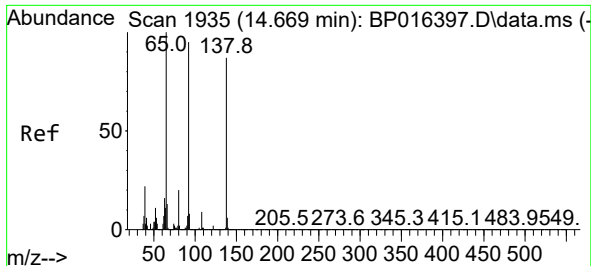
Tgt Ion:165 Resp: 691373
Ion Ratio Lower Upper
165 100
63 53.6 39.1 58.7
89 58.6 42.5 63.7



#52
Acenaphthene
Concen: 47.966 ng
RT: 14.798 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:154 Resp: 2389273
Ion Ratio Lower Upper
154 100
153 113.1 90.4 135.6
152 54.6 43.4 65.0

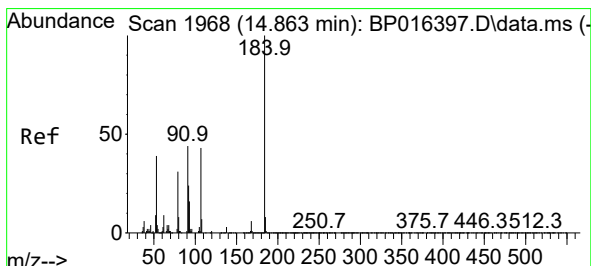
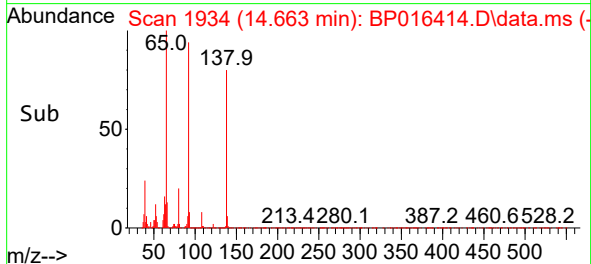
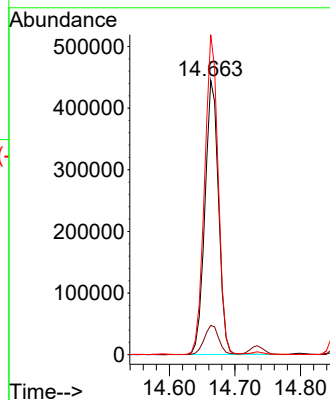
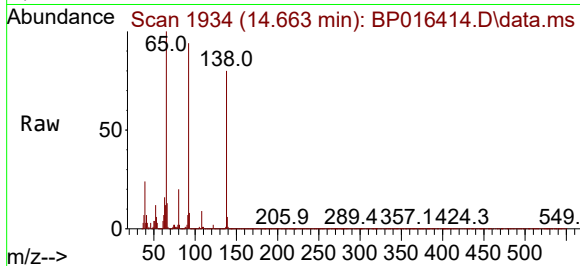




#53
3-Nitroaniline
Concen: 40.568 ng
RT: 14.663 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

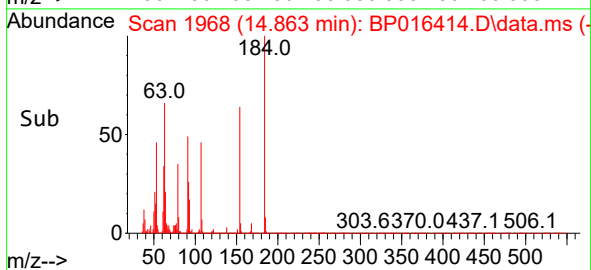
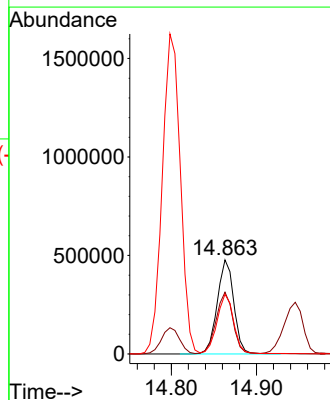
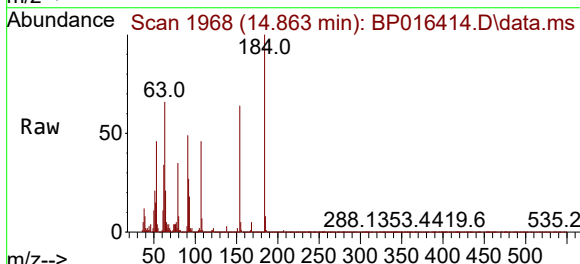
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

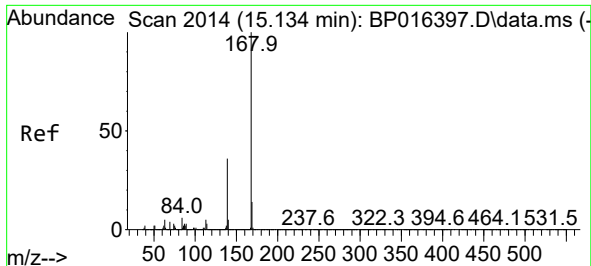
Tgt Ion:138 Resp: 642767
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 116.7 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 97.073 ng
RT: 14.863 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:184 Resp: 648878
Ion Ratio Lower Upper
184 100
63 65.6 48.2 72.4
154 63.5 49.6 74.4

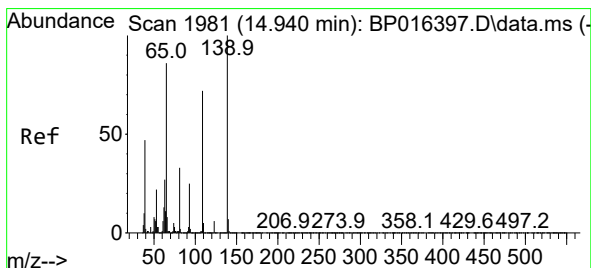
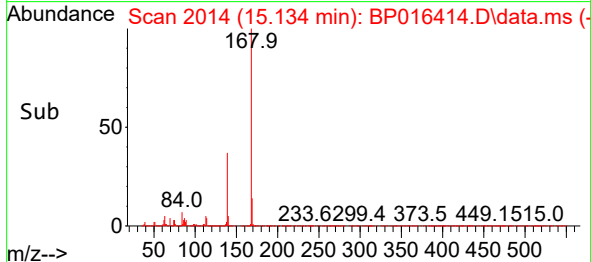
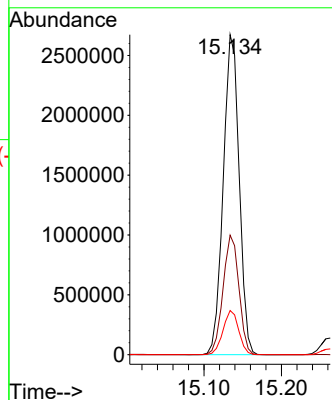
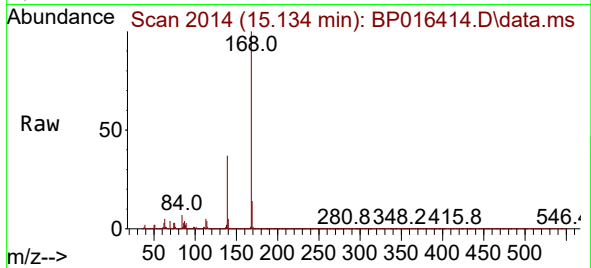




#55
Dibenzofuran
Concen: 46.631 ng
RT: 15.134 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

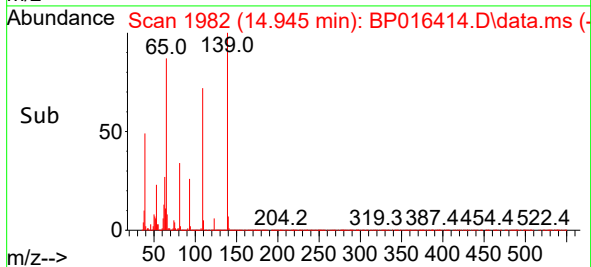
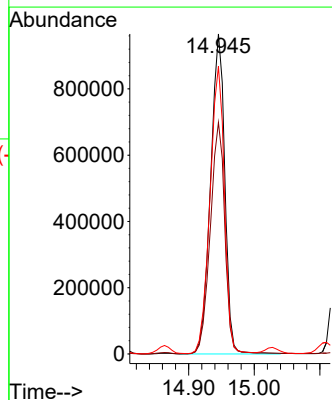
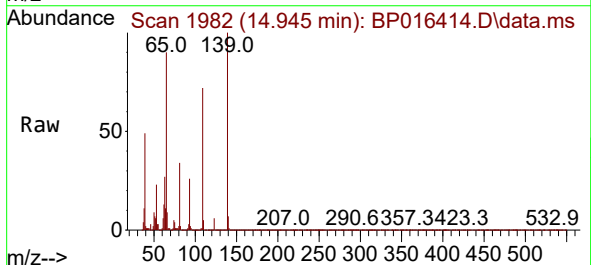
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

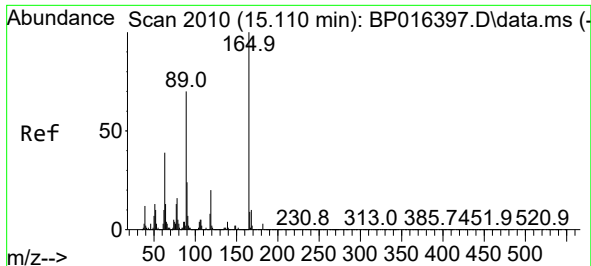
Tgt Ion:168 Resp: 3809511
Ion Ratio Lower Upper
168 100
139 37.4 28.9 43.3
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 117.664 ng
RT: 14.945 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:139 Resp: 1459360
Ion Ratio Lower Upper
139 100
109 72.3 51.9 91.9
65 89.8 66.2 106.2





#57

2,4-Dinitrotoluene

Concen: 52.484 ng

RT: 15.110 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

Tgt Ion:165 Resp: 958605

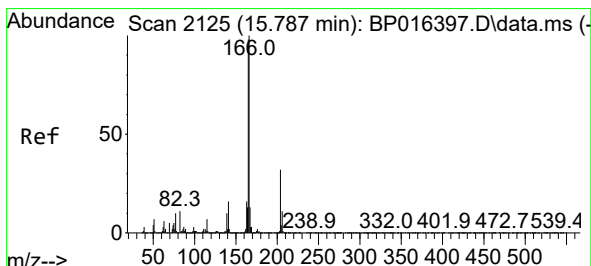
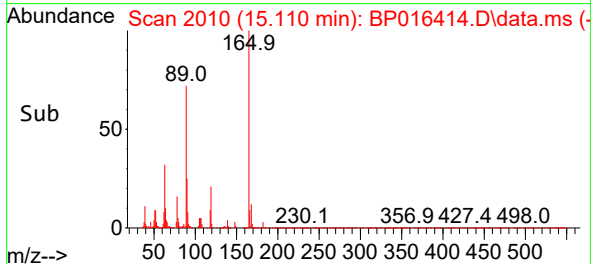
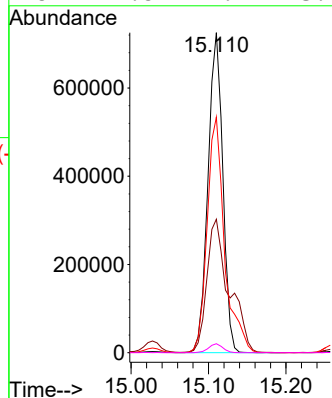
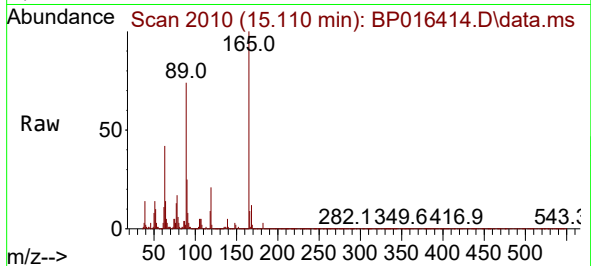
Ion Ratio Lower Upper

165 100

63 41.7 31.4 47.0

89 73.6 55.8 83.6

182 2.8 2.2 3.2



#58

Fluorene

Concen: 47.710 ng

RT: 15.787 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

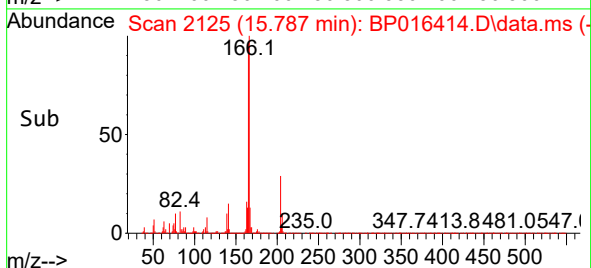
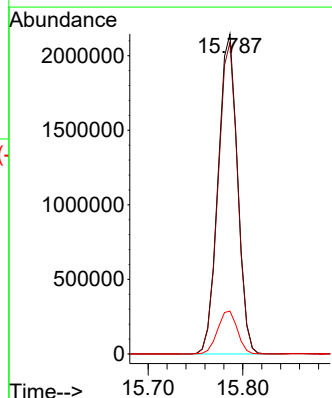
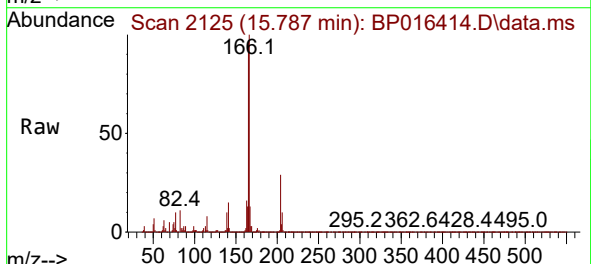
Tgt Ion:166 Resp: 3062096

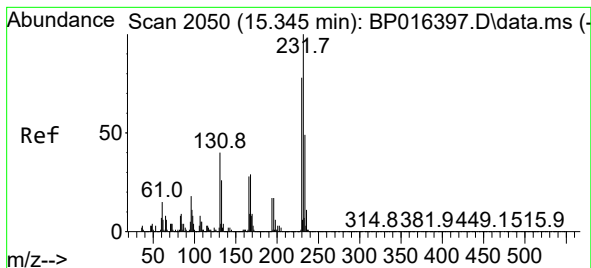
Ion Ratio Lower Upper

166 100

165 97.4 78.0 117.0

167 13.4 10.6 16.0

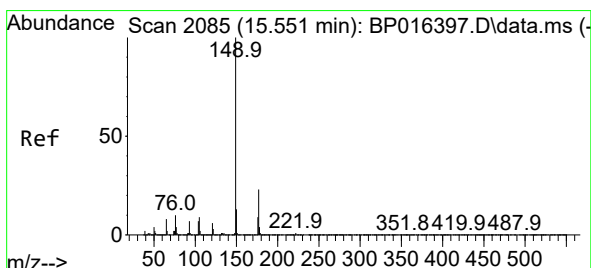
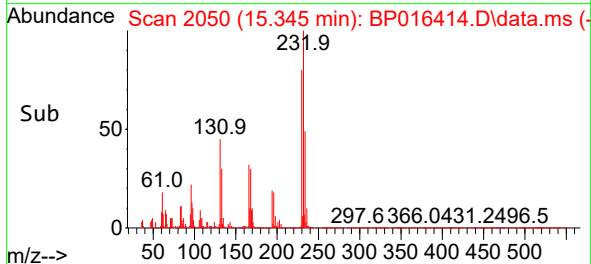
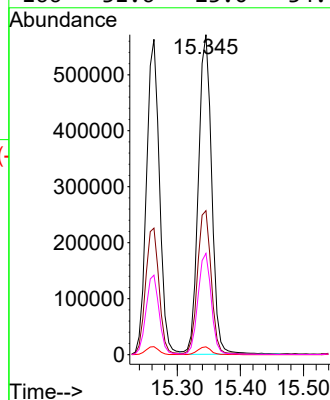
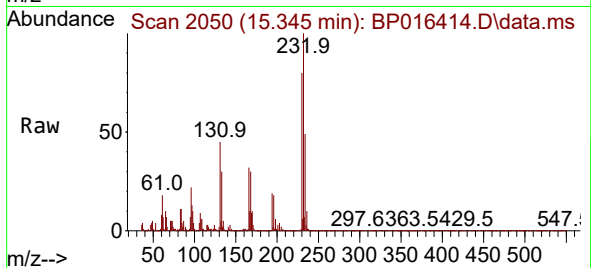




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.950 ng
RT: 15.345 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

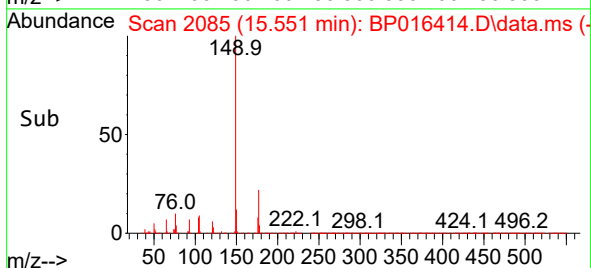
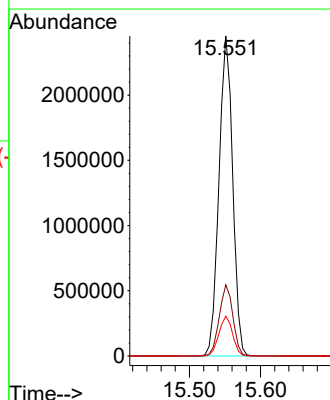
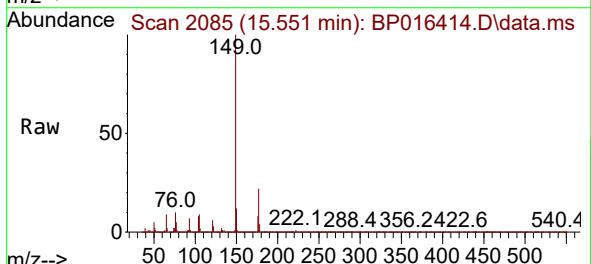
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

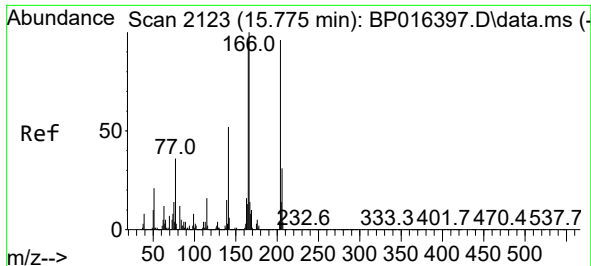
Tgt Ion:232 Resp: 836233
Ion Ratio Lower Upper
232 100
131 46.2 33.1 49.7
130 2.5 1.8 2.8
166 31.6 23.0 34.4



#60
Diethylphthalate
Concen: 48.082 ng
RT: 15.551 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:149 Resp: 3268820
Ion Ratio Lower Upper
149 100
177 22.3 18.6 27.8
150 12.5 10.1 15.1

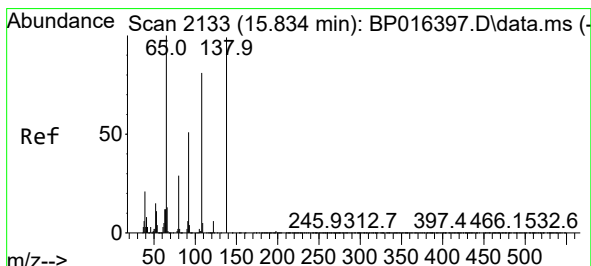
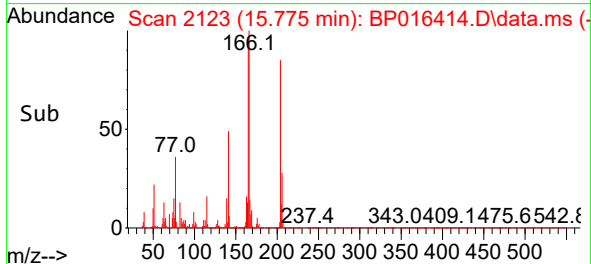
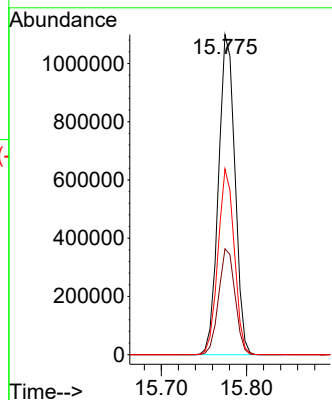
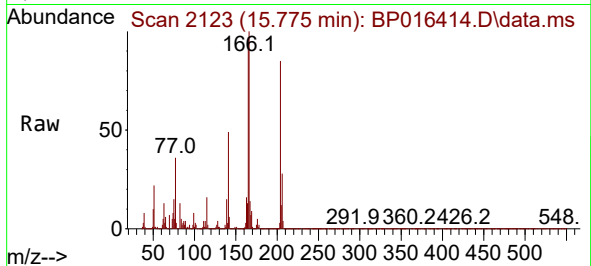




#61
4-Chlorophenyl-phenylether
Concen: 45.590 ng
RT: 15.775 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

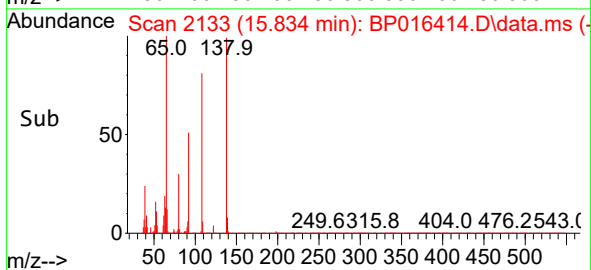
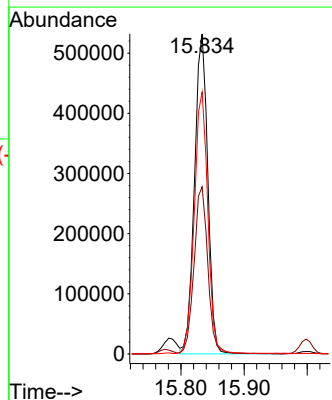
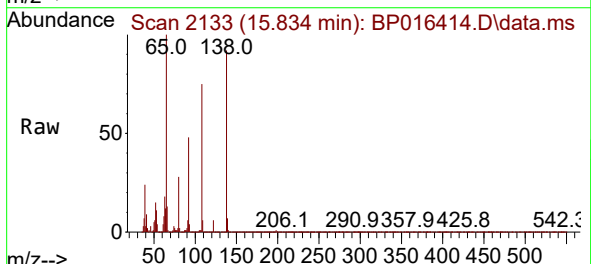
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

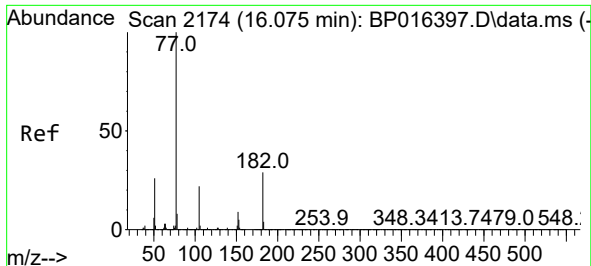
Tgt Ion:204 Resp: 1476567
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 58.1 43.4 65.0



#62
4-Nitroaniline
Concen: 49.441 ng
RT: 15.834 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:138 Resp: 777416
Ion Ratio Lower Upper
138 100
92 52.2 30.3 70.3
108 81.9 60.1 100.1



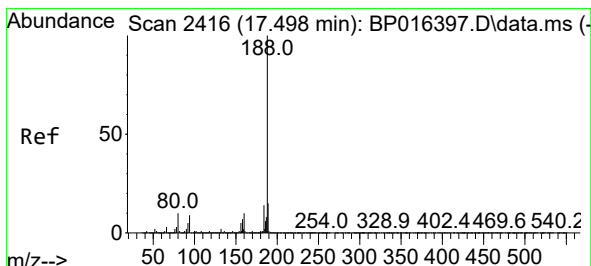
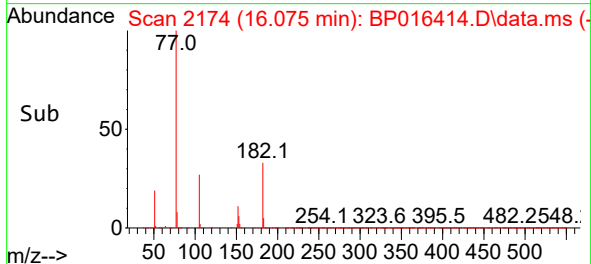
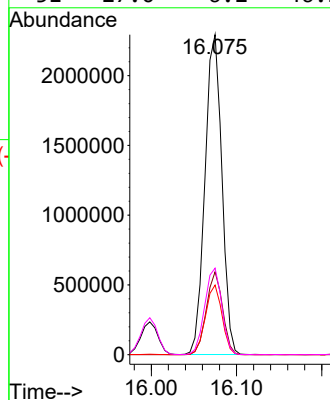
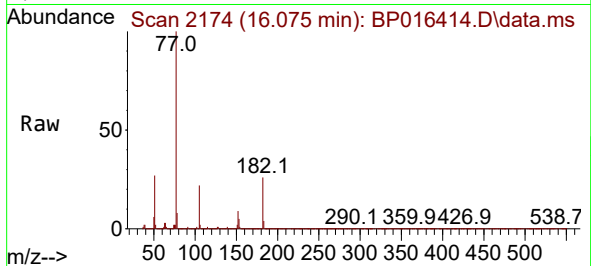


#63
Azobenzene
Concen: 49.143 ng
RT: 16.075 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Instrument :
BNA_P
ClientSampleId :
PB154218BSD

Tgt Ion: 77 Resp: 3154611

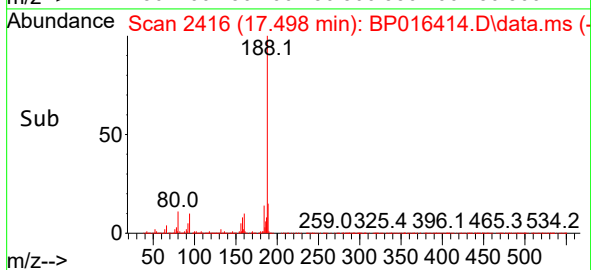
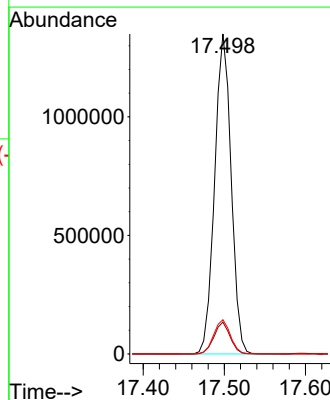
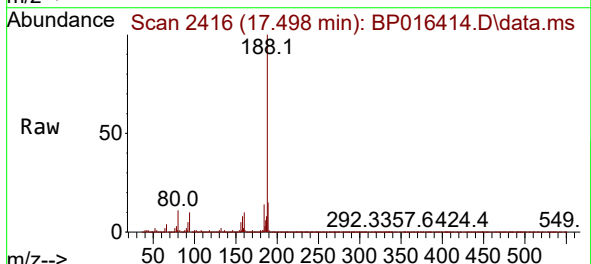
Ion	Ratio	Lower	Upper
77	100		
182	25.9	8.6	48.6
105	21.7	2.4	42.4
51	27.0	6.2	46.2

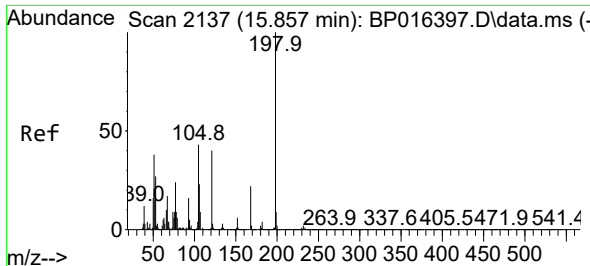


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion: 188 Resp: 1902273

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.4	11.0
80	10.7	7.8	11.8

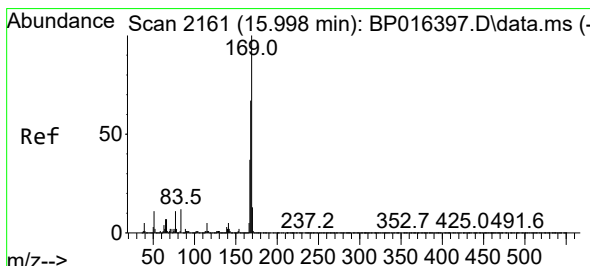
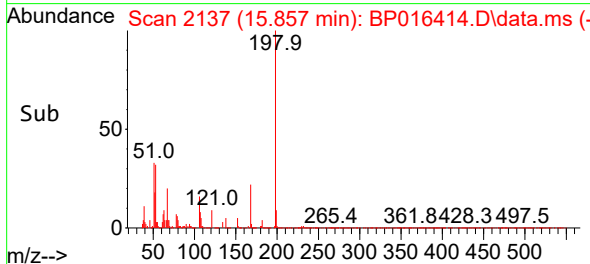
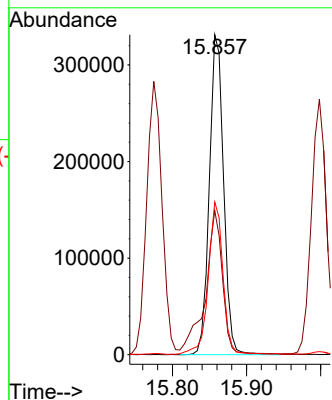
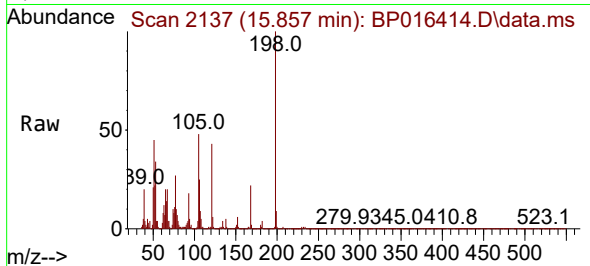




#65
4,6-Dinitro-2-methylphenol
Concen: 49.423 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

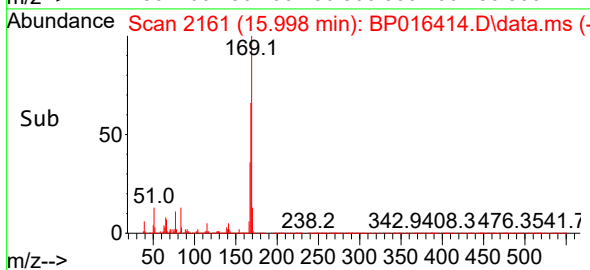
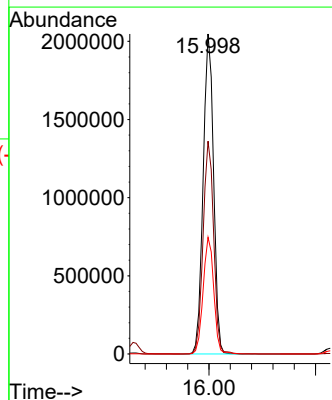
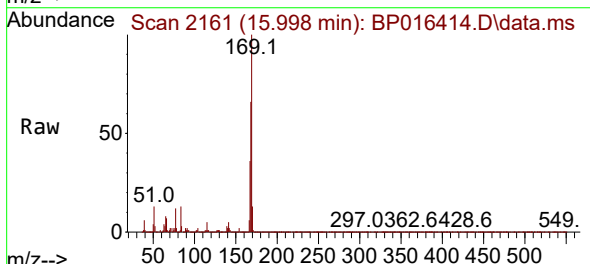
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

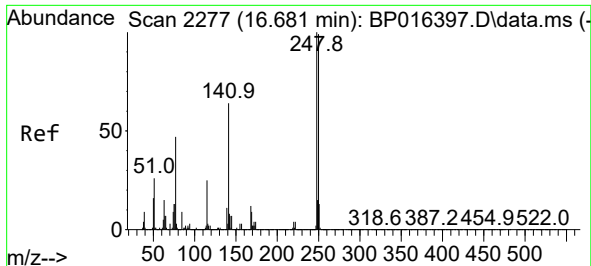
Tgt Ion:198 Resp: 442136
Ion Ratio Lower Upper
198 100
51 45.0 20.1 60.1
105 47.7 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 49.397 ng
RT: 15.998 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:169 Resp: 2769269
Ion Ratio Lower Upper
169 100
168 66.5 53.6 80.4
167 36.5 29.2 43.8

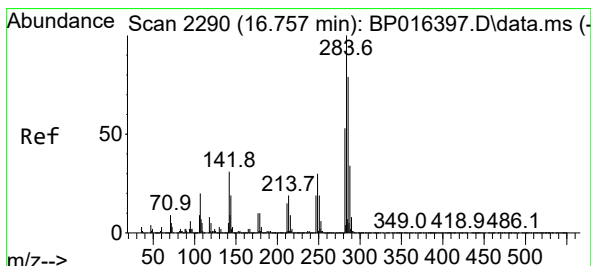
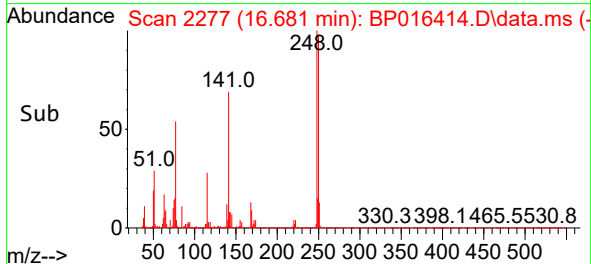
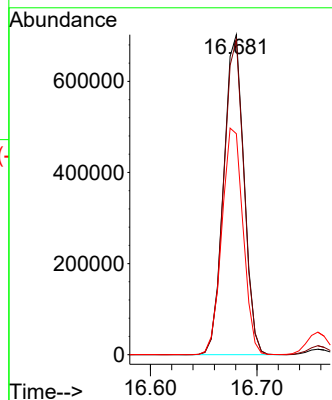
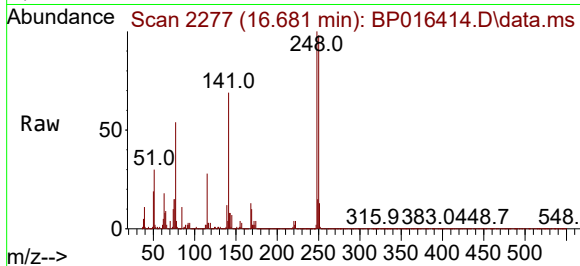




#67
4-Bromophenyl-phenylether
Concen: 46.307 ng
RT: 16.681 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

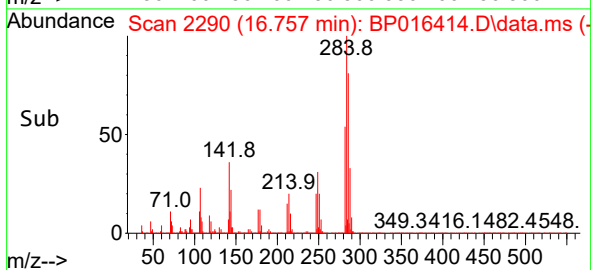
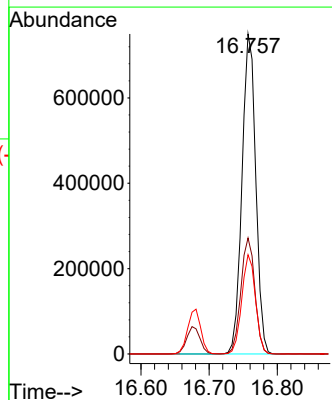
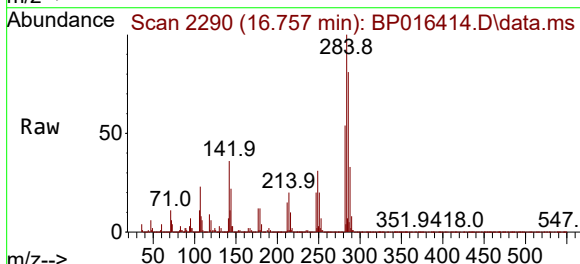
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

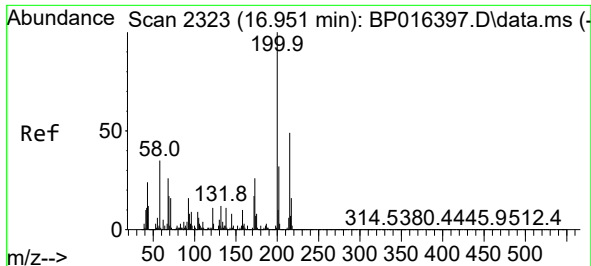
Tgt Ion:248 Resp: 932739
Ion Ratio Lower Upper
248 100
250 98.4 78.9 118.3
141 69.0 51.0 76.4



#68
Hexachlorobenzene
Concen: 46.768 ng
RT: 16.757 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:284 Resp: 1050524
Ion Ratio Lower Upper
284 100
142 36.2 25.2 37.8
249 31.0 26.0 39.0

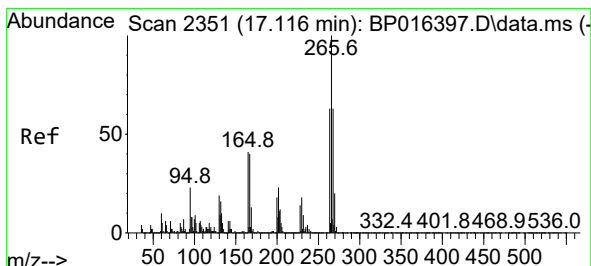
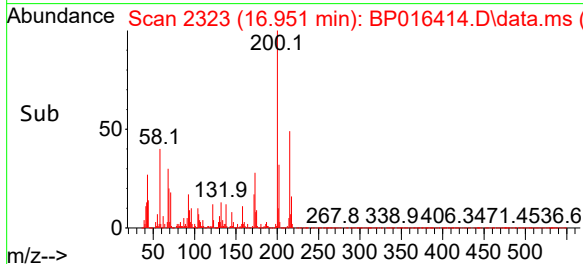
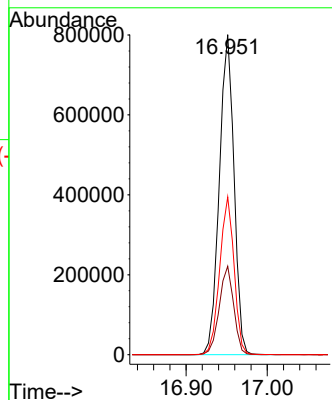
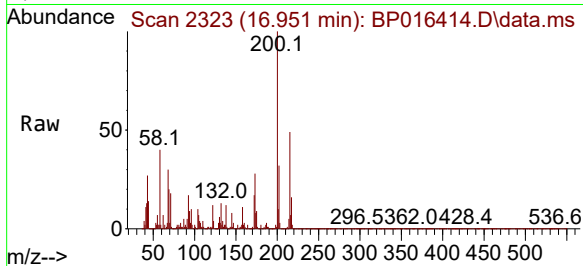




#69
 Atrazine
 Concen: 60.534 ng
 RT: 16.951 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP016414.D
 Acq: 28 Jul 2023 09:48

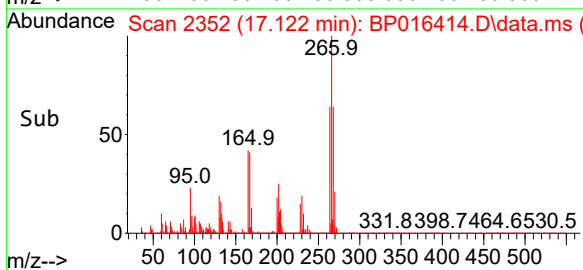
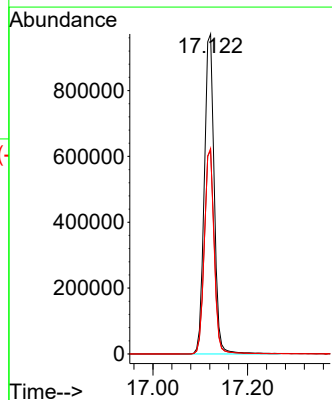
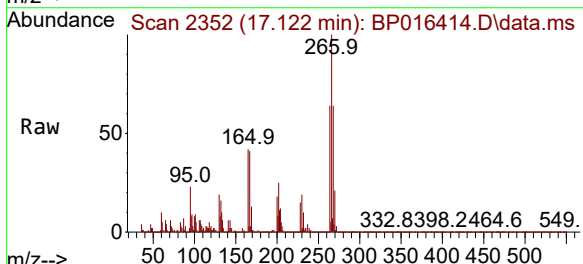
Instrument :
 BNA_P
 ClientSampleId :
 PB154218BSD

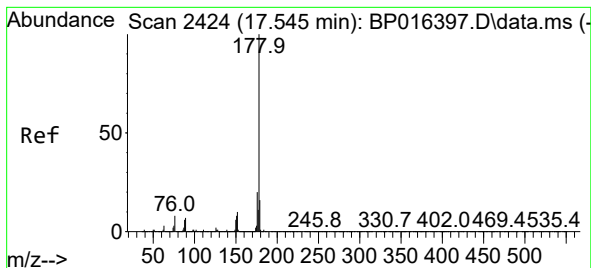
Tgt Ion:200 Resp: 1009264
 Ion Ratio Lower Upper
 200 100
 173 27.7 5.8 45.8
 215 49.3 29.2 69.2



#70
 Pentachlorophenol
 Concen: 90.437 ng
 RT: 17.122 min Scan# 2352
 Delta R.T. 0.006 min
 Lab File: BP016414.D
 Acq: 28 Jul 2023 09:48

Tgt Ion:266 Resp: 1405814
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.9 80.9
 264 64.2 54.9 82.3





#71

Phenanthrene

Concen: 49.063 ng

RT: 17.539 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

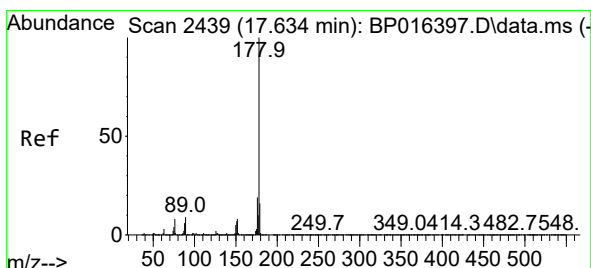
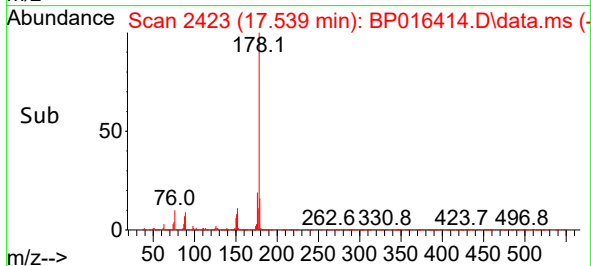
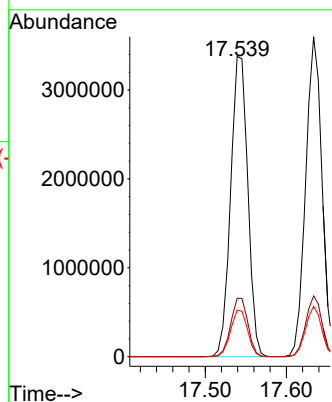
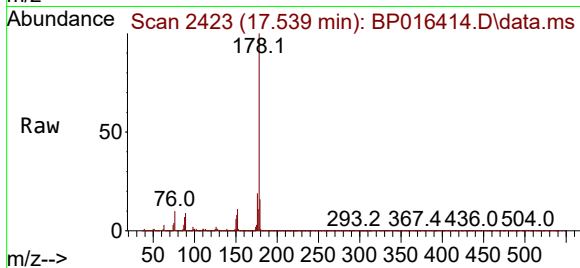
Tgt Ion:178 Resp: 4955878

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.5 12.4 18.6



#72

Anthracene

Concen: 49.376 ng

RT: 17.633 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

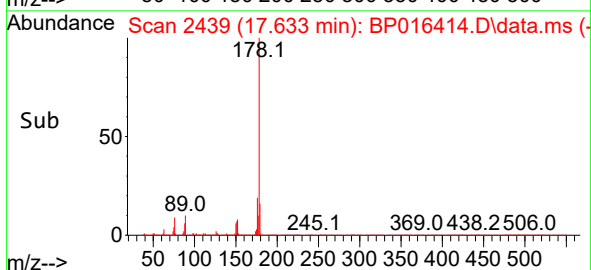
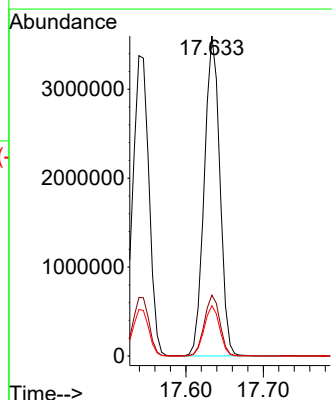
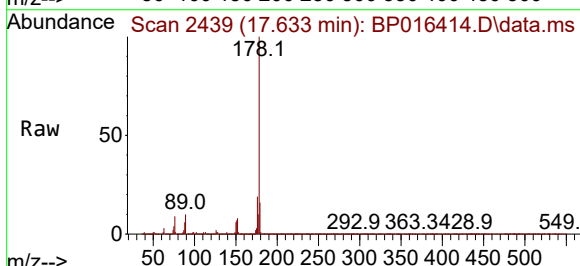
Tgt Ion:178 Resp: 5015058

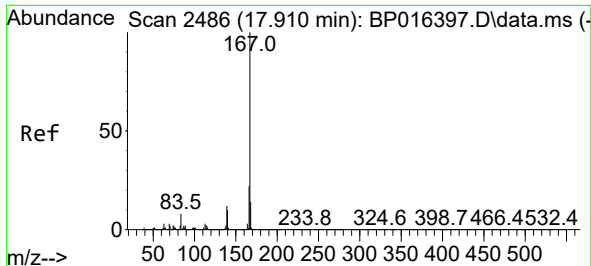
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.7 12.6 19.0

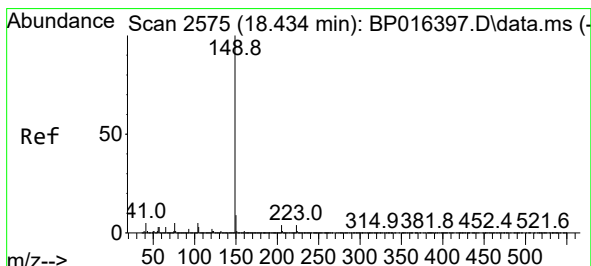
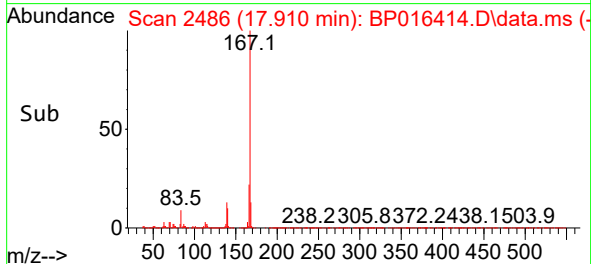
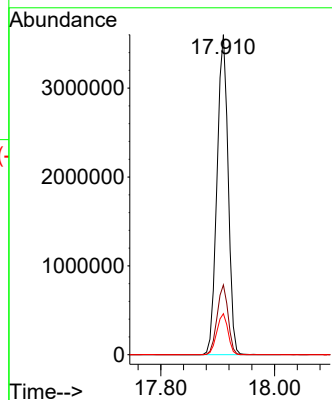
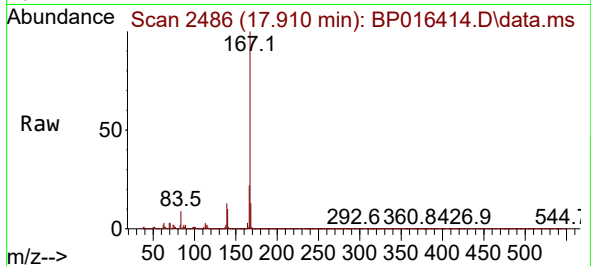




#73
 Carbazole
 Concen: 51.087 ng
 RT: 17.910 min Scan# 2486
 Delta R.T. -0.000 min
 Lab File: BP016414.D
 Acq: 28 Jul 2023 09:48

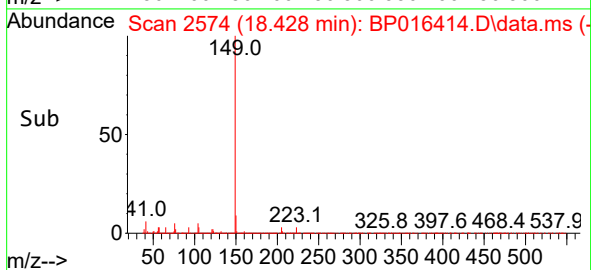
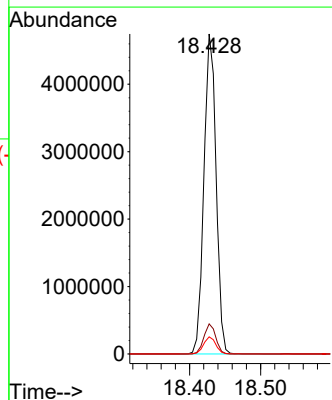
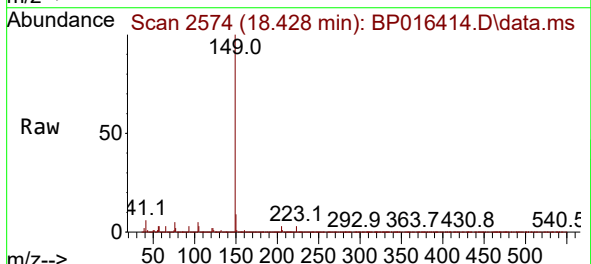
Instrument :
 BNA_P
 ClientSampleId :
 PB154218BSD

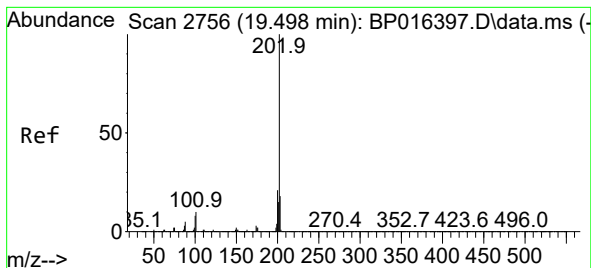
Tgt Ion:167 Resp: 4864821
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.8 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 51.280 ng
 RT: 18.428 min Scan# 2574
 Delta R.T. -0.006 min
 Lab File: BP016414.D
 Acq: 28 Jul 2023 09:48

Tgt Ion:149 Resp: 5649496
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.3 3.8 5.8





#75

Fluoranthene

Concen: 48.387 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

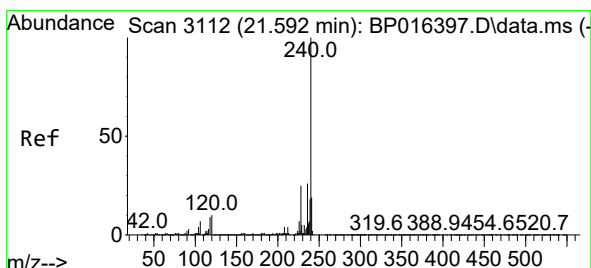
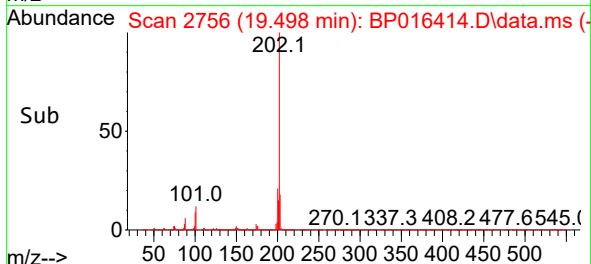
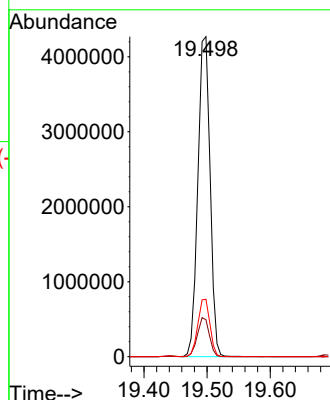
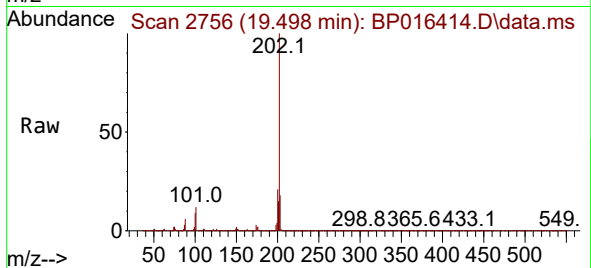
Tgt Ion:202 Resp: 5728708

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.2

203 17.9 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: BP016414.D

Acq: 28 Jul 2023 09:48

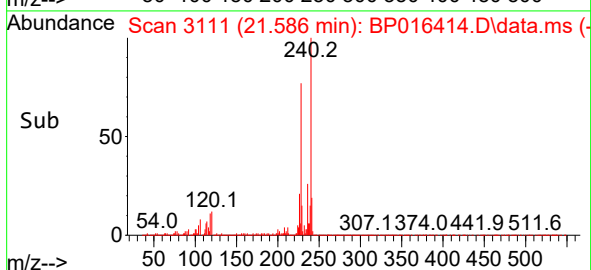
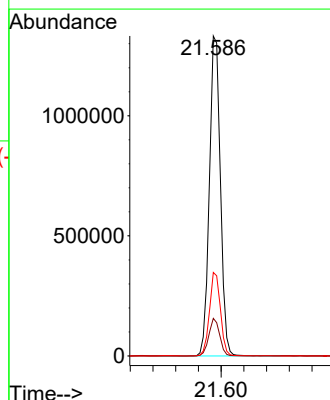
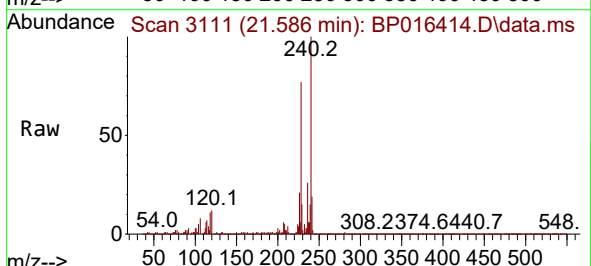
Tgt Ion:240 Resp: 1781258

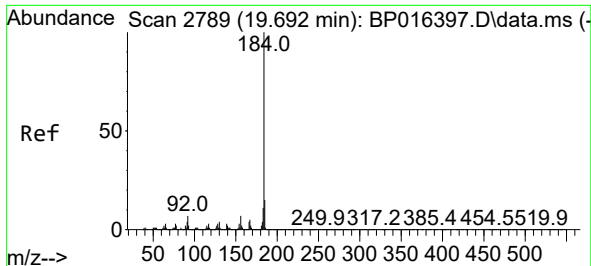
Ion Ratio Lower Upper

240 100

120 11.8 7.9 11.9

236 26.1 21.1 31.7

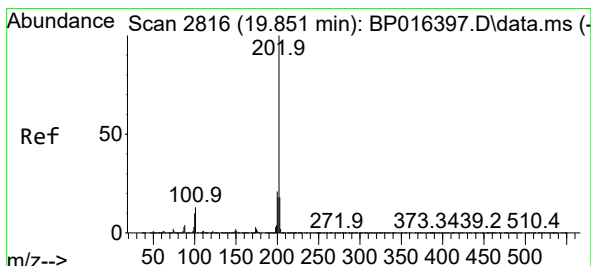
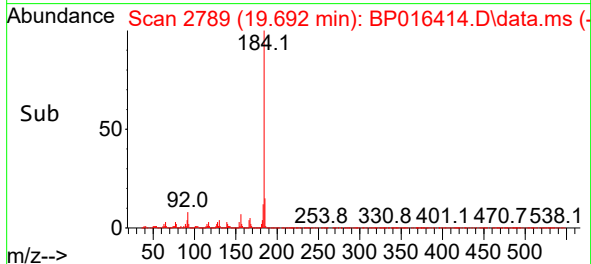
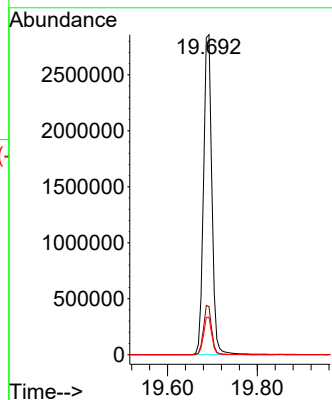
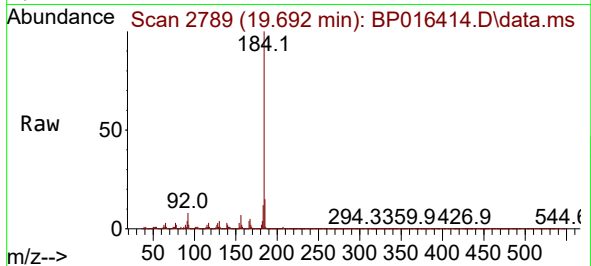




#77
Benzidine
Concen: 119.783 ng
RT: 19.692 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

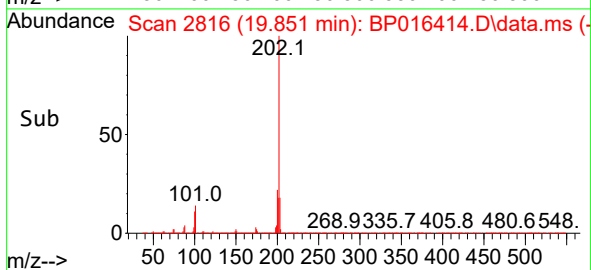
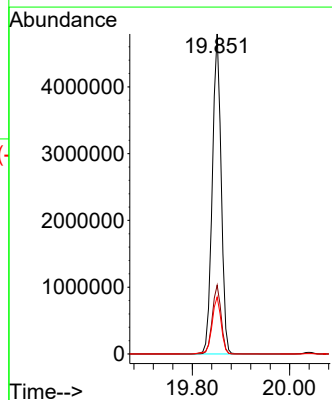
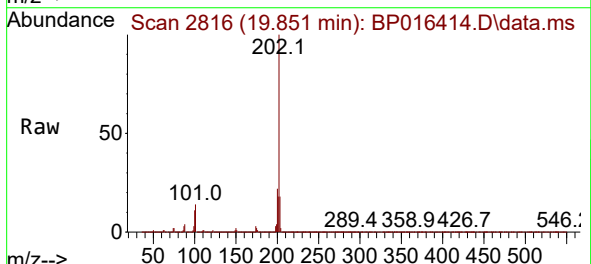
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

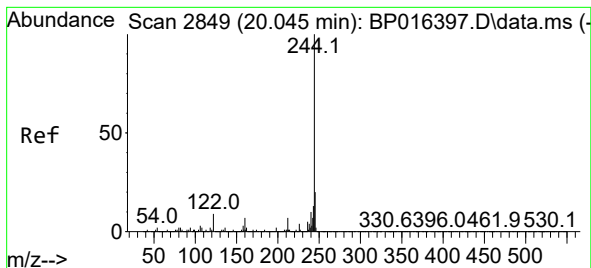
Tgt Ion:184 Resp: 3699255
Ion Ratio Lower Upper
184 100
185 15.1 12.0 18.0
183 11.8 9.2 13.8



#78
Pyrene
Concen: 50.268 ng
RT: 19.851 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:202 Resp: 6002410
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 112.400 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

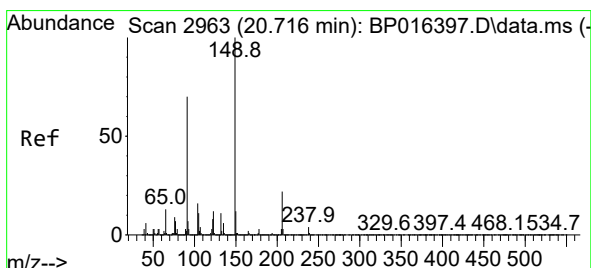
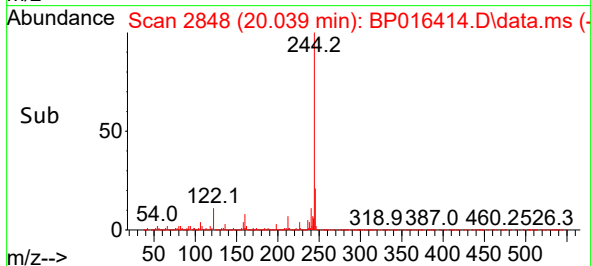
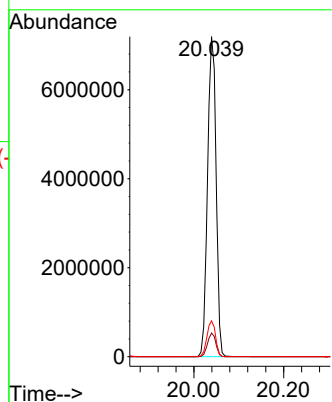
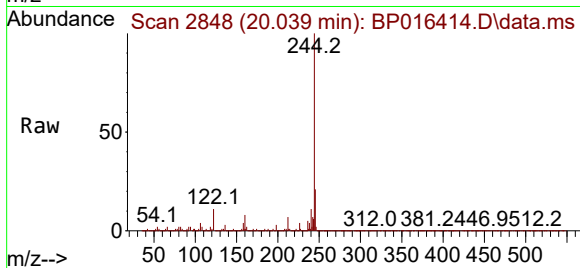
Tgt Ion:244 Resp: 9477886

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 11.2 7.4 11.2#



#80

Butylbenzylphthalate

Concen: 54.148 ng

RT: 20.716 min Scan# 2963

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

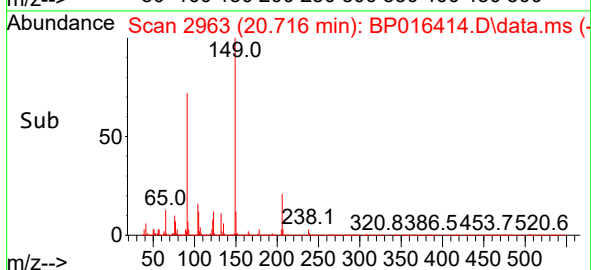
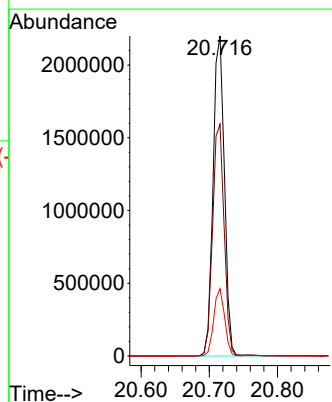
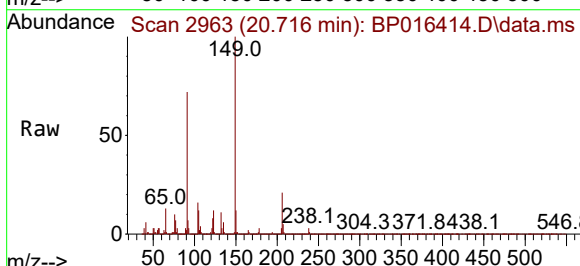
Tgt Ion:149 Resp: 2540089

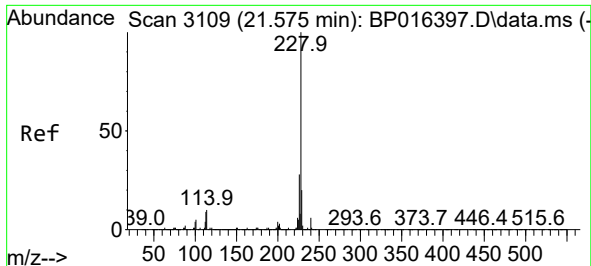
Ion Ratio Lower Upper

149 100

91 72.4 56.1 84.1

206 21.0 17.8 26.6

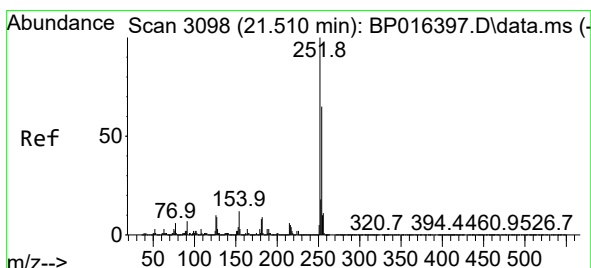
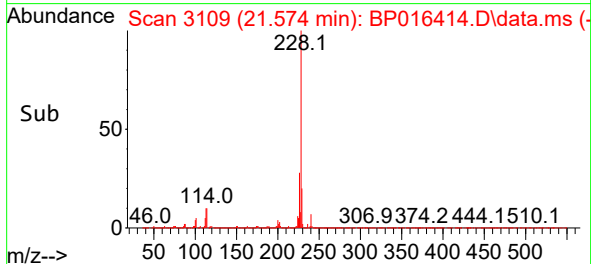
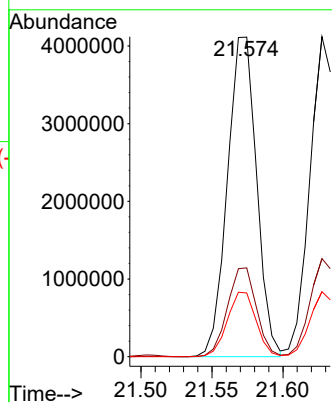
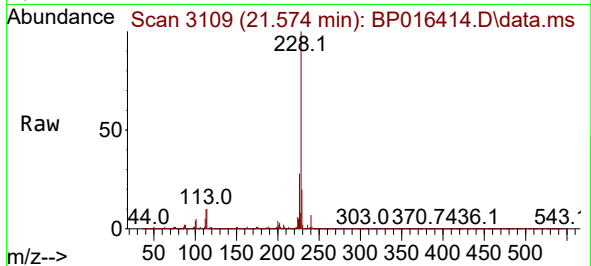




#81
Benzo(a)anthracene
Concen: 49.263 ng
RT: 21.574 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

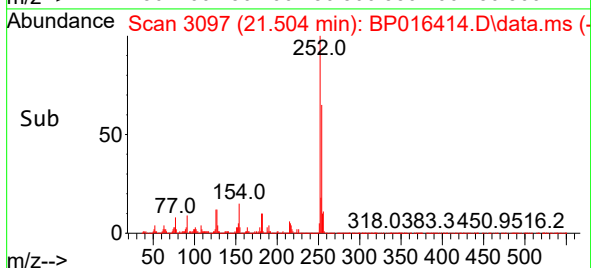
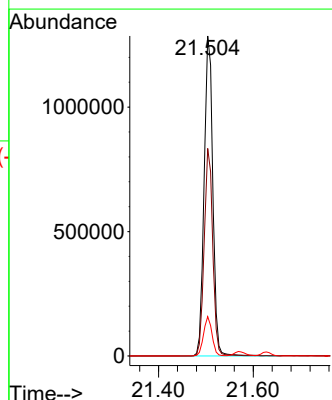
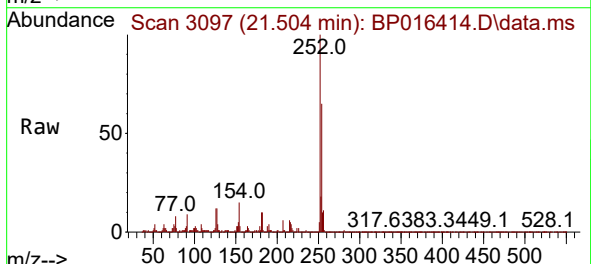
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

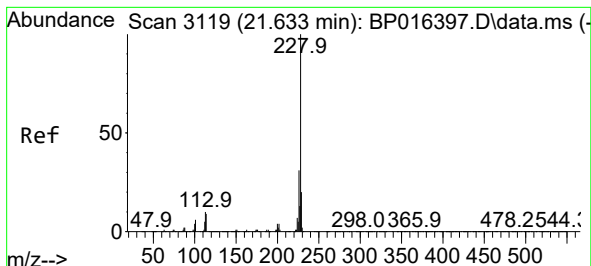
Tgt Ion:228 Resp: 5887657
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 20.0 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 41.581 ng
RT: 21.504 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:252 Resp: 1631317
Ion Ratio Lower Upper
252 100
254 64.8 52.2 78.2
126 12.3 7.8 11.6#





#83

Chrysene

Concen: 48.230 ng

RT: 21.627 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

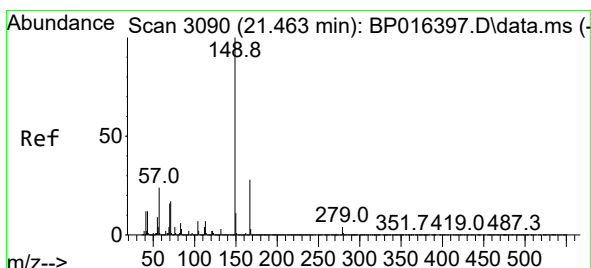
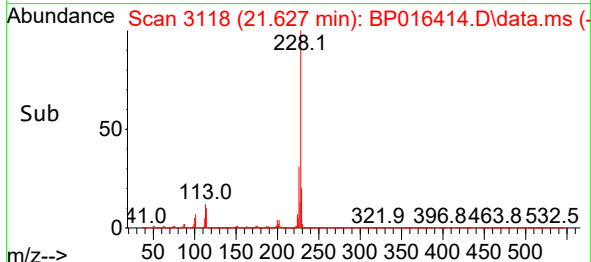
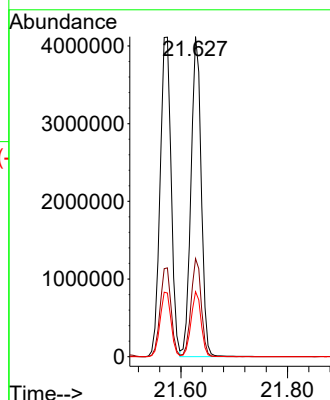
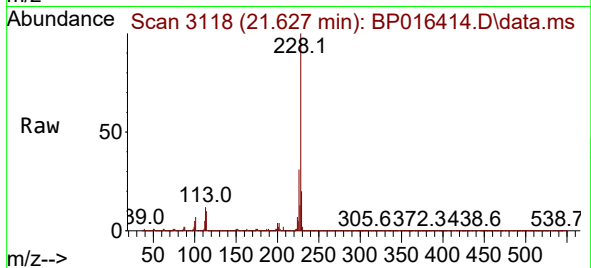
Tgt Ion:228 Resp: 5504239

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.576 ng

RT: 21.463 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

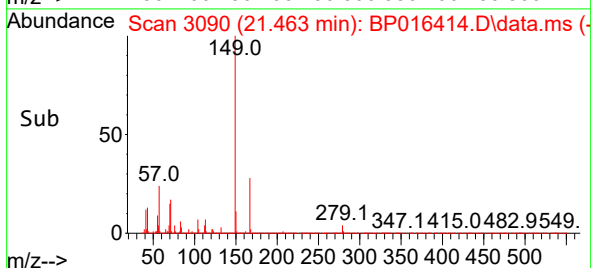
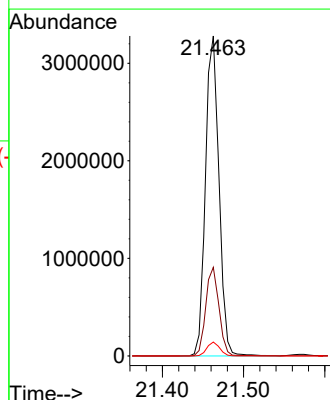
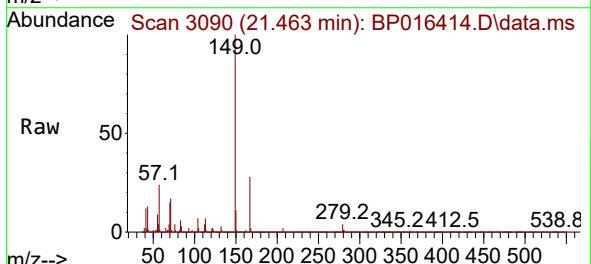
Tgt Ion:149 Resp: 3773272

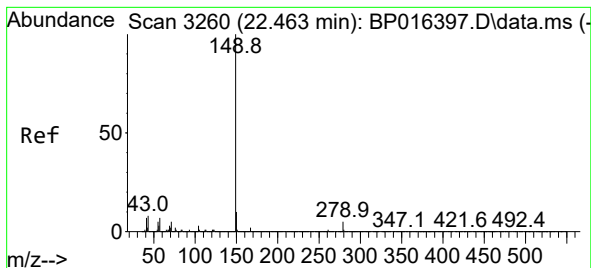
Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.763 ng

RT: 22.457 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

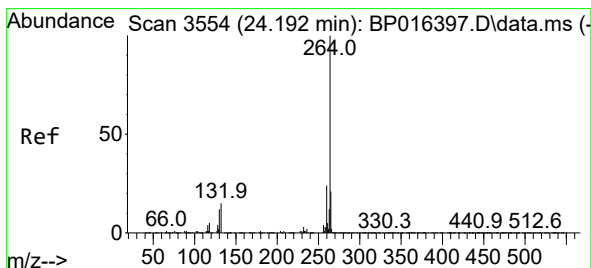
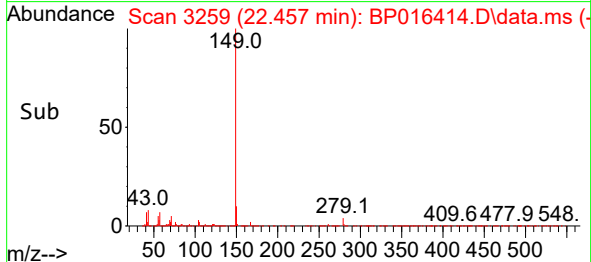
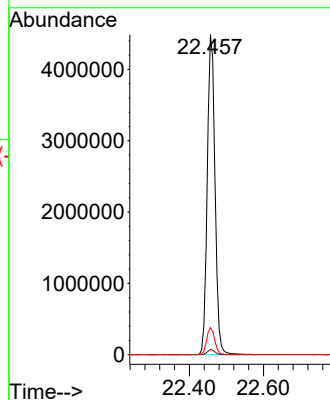
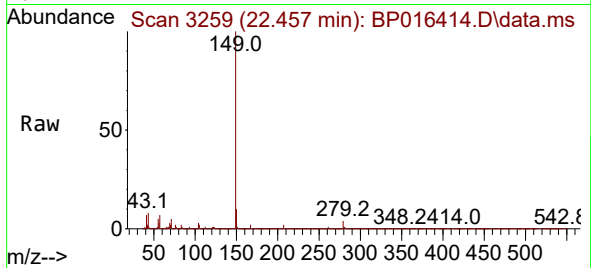
Tgt Ion:149 Resp: 6486632

Ion Ratio Lower Upper

149 100

167 1.6 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: BP016414.D

Acq: 28 Jul 2023 09:48

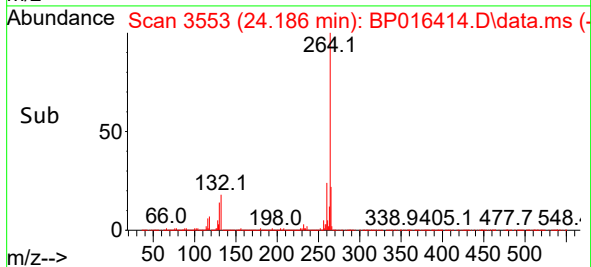
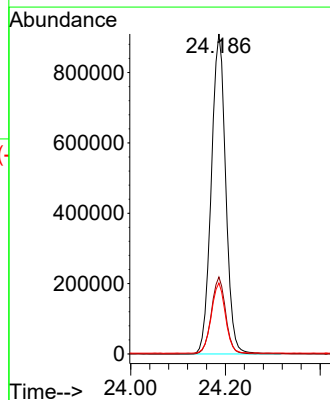
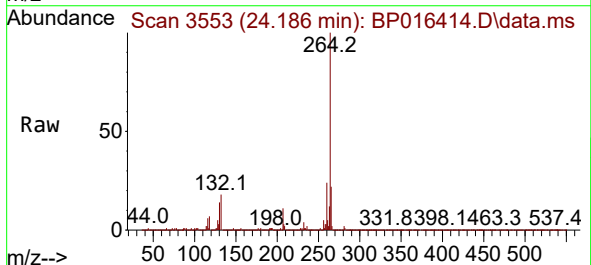
Tgt Ion:264 Resp: 1923431

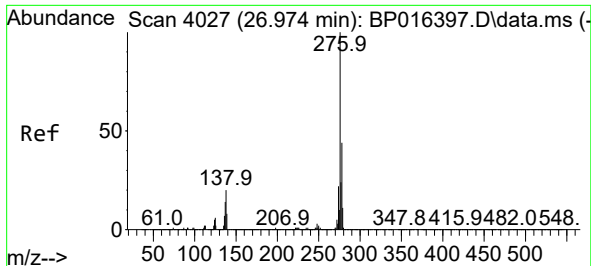
Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.2 17.4 26.0

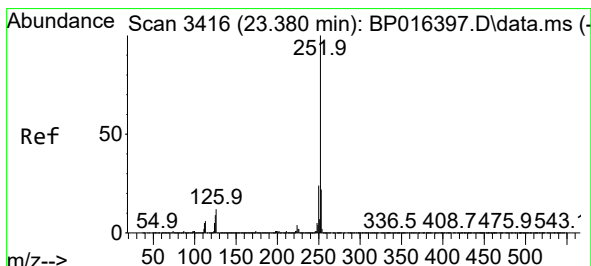
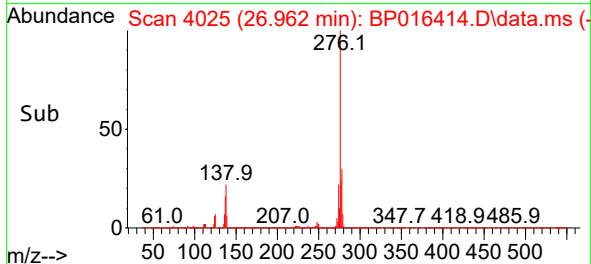
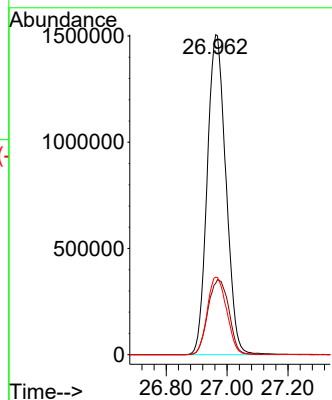
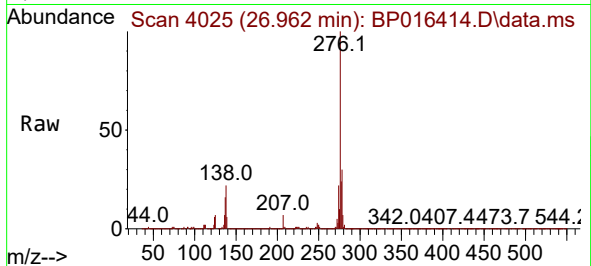




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.450 ng
 RT: 26.962 min Scan# 4025
 Delta R.T. -0.012 min
 Lab File: BP016414.D
 Acq: 28 Jul 2023 09:48

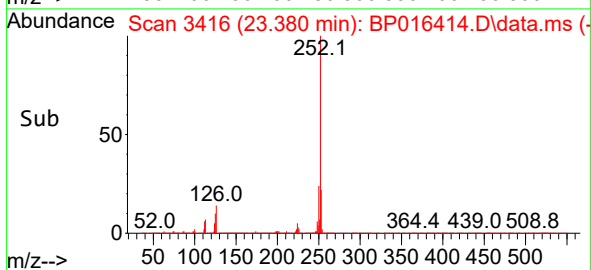
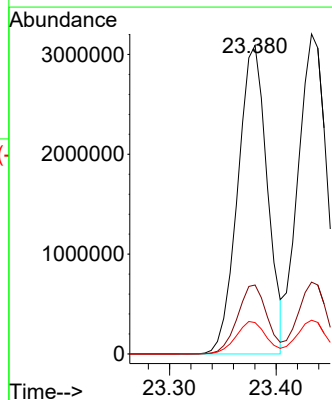
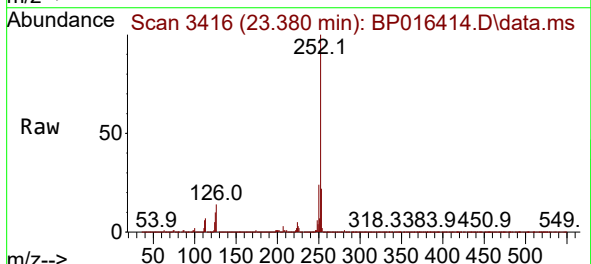
Instrument :
 BNA_P
 ClientSampleId :
 PB154218BSD

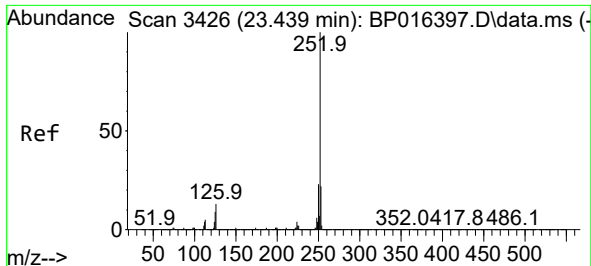
Tgt Ion:276 Resp: 6412404
 Ion Ratio Lower Upper
 276 100
 138 26.4 18.4 27.6
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 53.471 ng
 RT: 23.380 min Scan# 3416
 Delta R.T. -0.000 min
 Lab File: BP016414.D
 Acq: 28 Jul 2023 09:48

Tgt Ion:252 Resp: 5961691
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 10.2 7.4 11.2

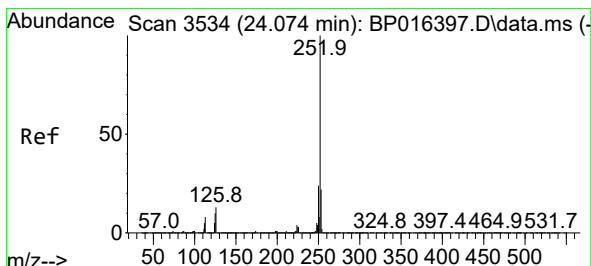
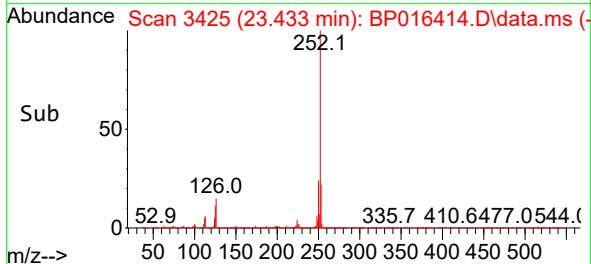
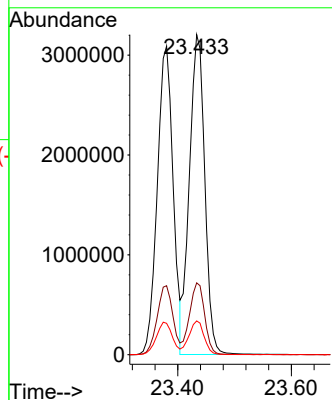
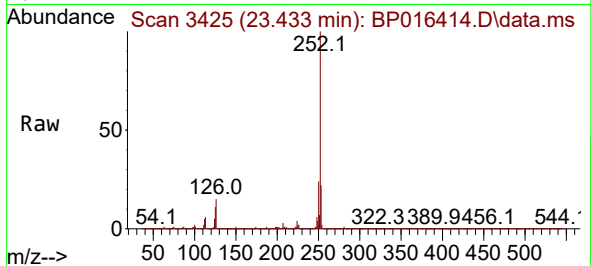




#89
Benzo(k)fluoranthene
Concen: 53.272 ng
RT: 23.433 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

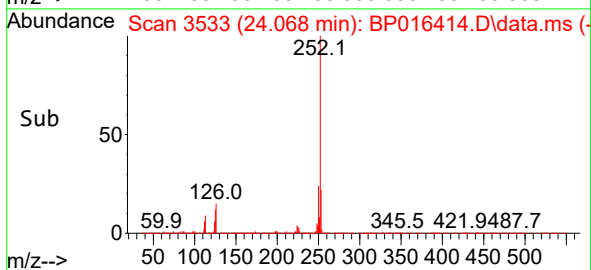
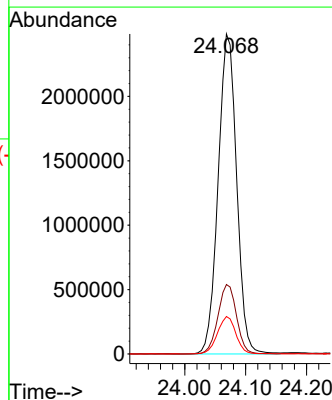
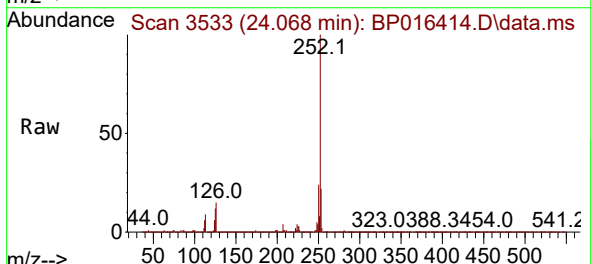
Instrument :
BNA_P
ClientSampleId :
PB154218BSD

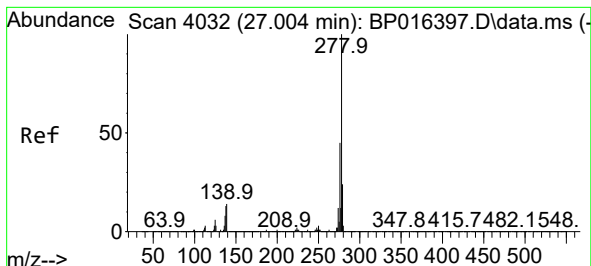
Tgt Ion:252 Resp: 6040601
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.6 7.1 10.7



#90
Benzo(a)pyrene
Concen: 48.493 ng
RT: 24.068 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BP016414.D
Acq: 28 Jul 2023 09:48

Tgt Ion:252 Resp: 5236999
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 11.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 49.604 ng

RT: 26.998 min Scan# 4031

Delta R.T. -0.006 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Instrument :

BNA_P

ClientSampleId :

PB154218BSD

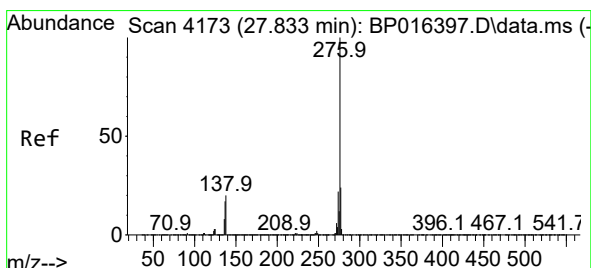
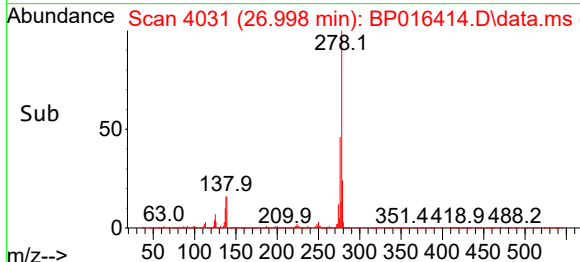
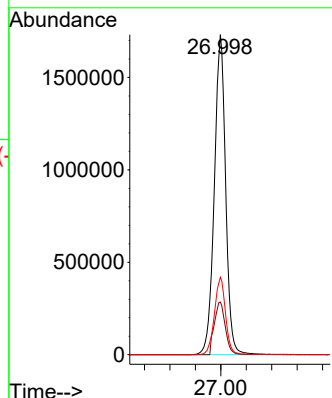
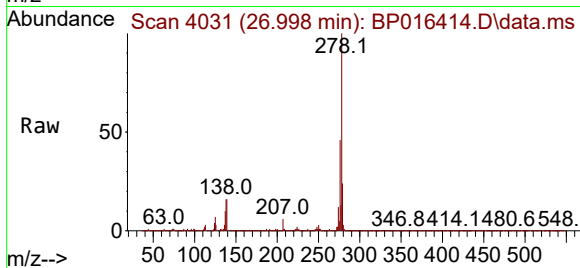
Tgt Ion:278 Resp: 5364247

Ion Ratio Lower Upper

278 100

139 16.5 11.6 17.4

279 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 48.267 ng

RT: 27.827 min Scan# 4172

Delta R.T. -0.006 min

Lab File: BP016414.D

Acq: 28 Jul 2023 09:48

Tgt Ion:276 Resp: 5030024

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 22.2 16.1 24.1

