

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
 Data File : BP016532.D
 Acq On : 08 Aug 2023 11:34
 Operator : MA/JU
 Sample : PB154690BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154690BS

Quant Time: Aug 08 16:01:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 08 16:01:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	205680	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	1011578	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	709614	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	1719841	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1841259	20.000	ng	# 0.00
86) Perylene-d12	24.174	264	2138831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2087586	165.583	ng	0.00
7) Phenol-d6	7.205	99	2890832	167.286	ng	0.00
23) Nitrobenzene-d5	9.263	82	1637339	90.607	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	1277855	122.406	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	3979886	80.408	ng	0.00
79) Terphenyl-d14	20.027	244	7614269	87.356	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.428	88	173124	35.209	ng	95
3) Pyridine	3.852	79	524212	35.666	ng	99
4) n-Nitrosodimethylamine	3.775	42	250756	45.249	ng	96
6) Aniline	7.399	93	1095276	51.314	ng	99
8) 2-Chlorophenol	7.616	128	768089	58.105	ng	97
9) Benzaldehyde	7.216	77	450062	70.206	ng	98
10) Phenol	7.234	94	1061152	63.233	ng	99
11) bis(2-Chloroethyl)ether	7.493	93	708648	51.948	ng	97
12) 1,3-Dichlorobenzene	7.946	146	698954	49.254	ng	98
13) 1,4-Dichlorobenzene	8.104	146	720422	50.047	ng	99
14) 1,2-Dichlorobenzene	8.416	146	716708	51.711	ng	98
15) Benzyl Alcohol	8.316	79	700908	59.369	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.599	45	882782	57.062	ng	98
17) 2-Methylphenol	8.504	107	700325	57.905	ng	99
18) Hexachloroethane	9.146	117	254401	49.546	ng	93
19) n-Nitroso-di-n-propyla...	8.881	70	593328	54.806	ng	97
20) 3+4-Methylphenols	8.834	107	971790	59.163	ng	98
22) Acetophenone	8.910	105	1164985	45.613	ng	99
24) Nitrobenzene	9.304	77	868167	46.775	ng	97
25) Isophorone	9.822	82	1667210	45.697	ng	98
26) 2-Nitrophenol	10.010	139	367189	46.037	ng	96
27) 2,4-Dimethylphenol	10.046	122	840601	51.501	ng	99
28) bis(2-Chloroethoxy)met...	10.310	93	1072996	48.014	ng	99
29) 2,4-Dichlorophenol	10.534	162	782285	51.213	ng	98
30) 1,2,4-Trichlorobenzene	10.745	180	723386	43.723	ng	99
31) Naphthalene	10.951	128	2405615	45.464	ng	100
32) Benzoic acid	10.169	122	535708	49.760	ng	99
33) 4-Chloroaniline	11.075	127	999968	41.896	ng	99
34) Hexachlorobutadiene	11.187	225	385260	39.331	ng	99
35) Caprolactam	11.892	113	319185	57.185	ng	99
36) 4-Chloro-3-methylphenol	12.169	107	938969	55.300	ng	99
37) 2-Methylnaphthalene	12.551	142	1735502	45.149	ng	99
38) 1-Methylnaphthalene	12.769	142	1655910	45.949	ng	99
40) 1,2,4,5-Tetrachloroben...	12.898	216	845887	39.226	ng	99
41) Hexachlorocyclopentadiene	12.851	237	986571	91.092	ng	100
43) 2,4,6-Trichlorophenol	13.145	196	643733	46.524	ng	98

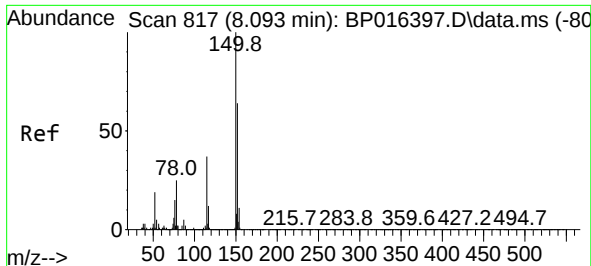
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.210	196	737851	43.954	ng	95
46) 1,1'-Biphenyl	13.551	154	2322503	42.936	ng	98
47) 2-Chloronaphthalene	13.598	162	1802249	44.163	ng	98
48) 2-Nitroaniline	13.828	65	599747	52.137	ng	99
49) Acenaphthylene	14.445	152	3032698	44.789	ng	99
50) Dimethylphthalate	14.175	163	2500555	45.220	ng	99
51) 2,6-Dinitrotoluene	14.310	165	547437	48.324	ng	92
52) Acenaphthene	14.781	154	1813979	45.051	ng	99
53) 3-Nitroaniline	14.651	138	596385	46.565	ng	90
54) 2,4-Dinitrophenol	14.851	184	600386	109.958	ng	99
55) Dibenzofuran	15.116	168	2949147	44.659	ng	98
56) 4-Nitrophenol	14.934	139	1265235	126.201	ng	96
57) 2,4-Dinitrotoluene	15.092	165	777636	52.672	ng	94
58) Fluorene	15.769	166	2405969	46.375	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.328	232	663512	48.049	ng	93
60) Diethylphthalate	15.533	149	2541103	46.241	ng	98
61) 4-Chlorophenyl-phenyle...	15.757	204	1139613	43.530	ng	96
62) 4-Nitroaniline	15.822	138	672685	52.925	ng	96
63) Azobenzene	16.057	77	2501298	48.205	ng	97
65) 4,6-Dinitro-2-methylph...	15.845	198	405878	50.086	ng	96
66) n-Nitrosodiphenylamine	15.980	169	2198402	43.374	ng	100
67) 4-Bromophenyl-phenylether	16.663	248	734031	40.307	ng	95
68) Hexachlorobenzene	16.745	284	851848	41.945	ng	95
69) Atrazine	16.933	200	814444	54.031	ng	98
70) Pentachlorophenol	17.104	266	1215061	86.457	ng	95
71) Phenanthrene	17.527	178	4147610	45.417	ng	99
72) Anthracene	17.622	178	4200081	45.738	ng	100
73) Carbazole	17.898	167	4190684	48.676	ng	99
74) Di-n-butylphthalate	18.410	149	4748115	47.670	ng	99
75) Fluoranthene	19.486	202	5128427	47.912	ng	98
77) Benzidine	19.680	184	4173721	130.742	ng	100
78) Pyrene	19.839	202	5438189	44.059	ng	100
80) Butylbenzylphthalate	20.704	149	2342282	48.304	ng	99
81) Benzo(a)anthracene	21.563	228	5613015	45.435	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	1967364	48.512	ng	# 97
83) Chrysene	21.621	228	5210172	44.165	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	3431008	47.129	ng	100
85) Di-n-octyl phthalate	22.433	149	6100435	49.824	ng	99
87) Indeno(1,2,3-cd)pyrene	26.945	276	6820025	47.297	ng	96
88) Benzo(b)fluoranthene	23.368	252	6035653	48.682	ng	99
89) Benzo(k)fluoranthene	23.421	252	5959923m	47.267	ng	
90) Benzo(a)pyrene	24.057	252	5357497	44.613	ng	99
91) Dibenzo(a,h)anthracene	26.974	278	5707003	47.459	ng	98
92) Benzo(g,h,i)perylene	27.809	276	5518199	47.619	ng	97

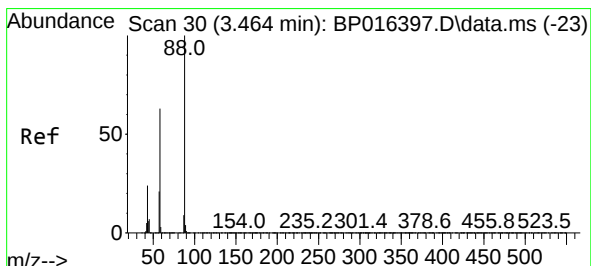
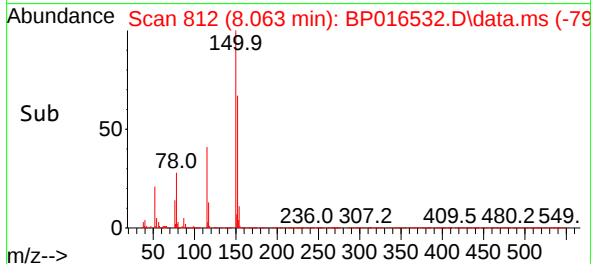
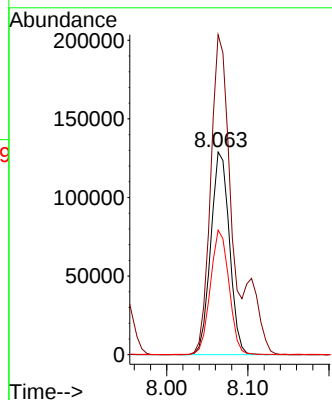
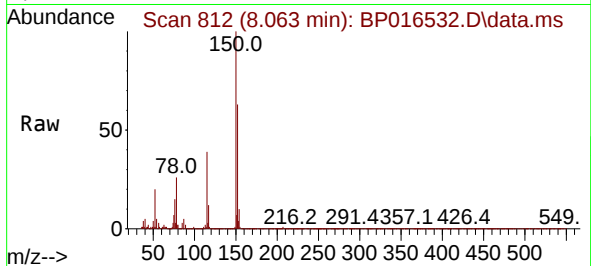
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP016532.D
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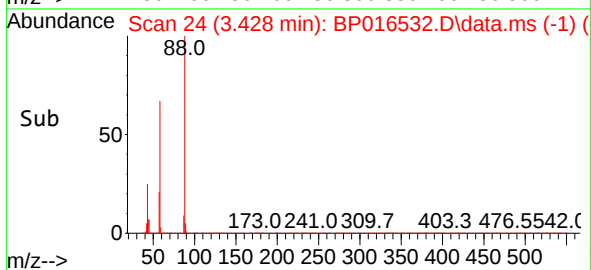
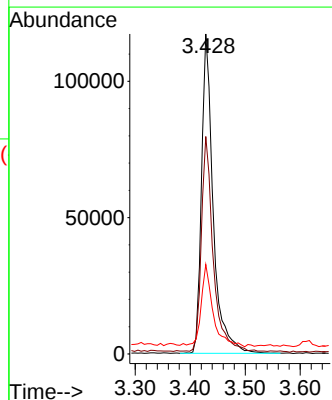
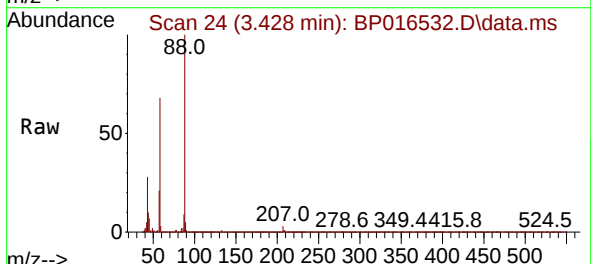
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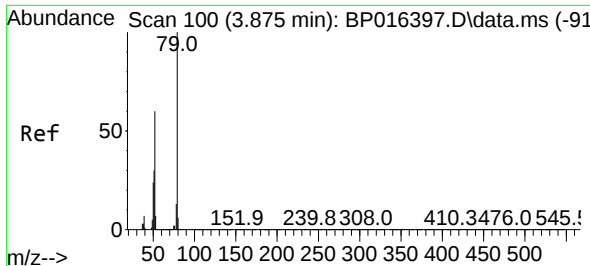
Tgt Ion:152 Resp: 205680
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 61.4 46.8 70.2



#2
1,4-Dioxane
Concen: 35.209 ng
RT: 3.428 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 88 Resp: 173124
Ion Ratio Lower Upper
88 100
58 68.1 51.7 77.5
43 26.6 19.2 28.8

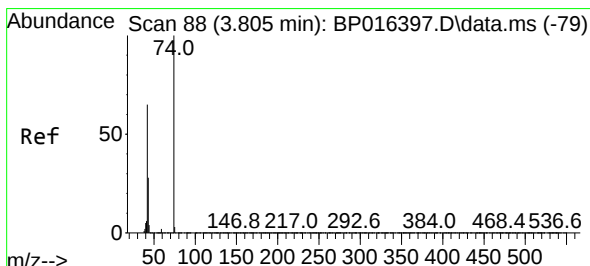
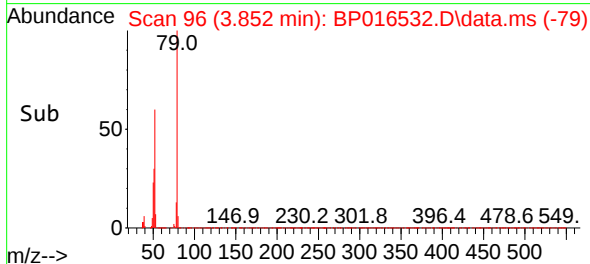
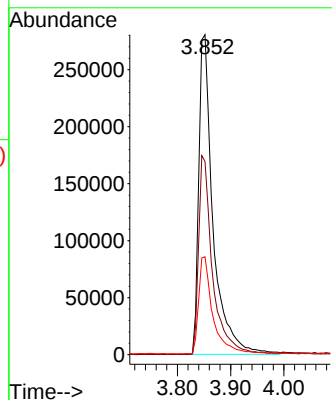
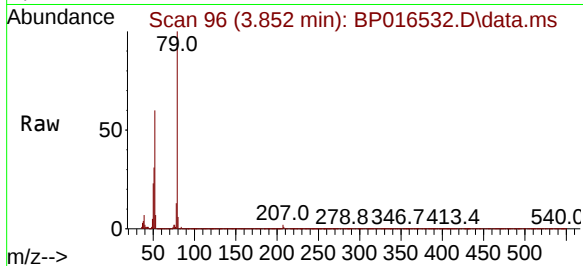




#3
 Pyridine
 Concen: 35.666 ng
 RT: 3.852 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: BP016532.D
 Acq: 08 Aug 2023 11:34

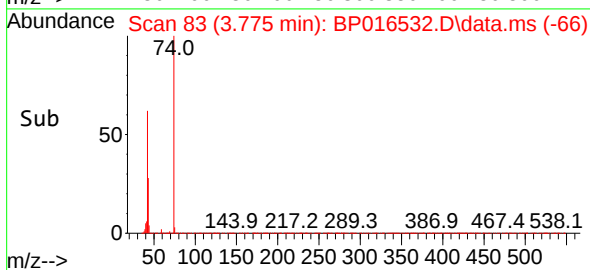
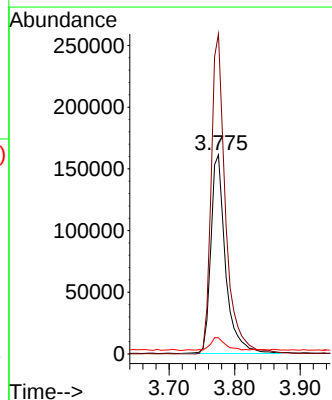
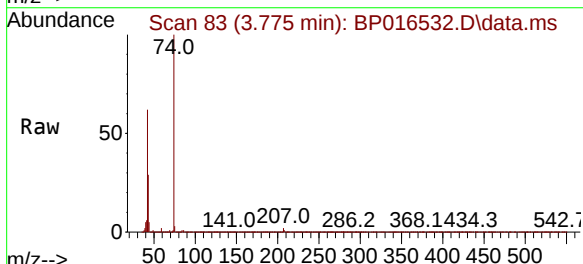
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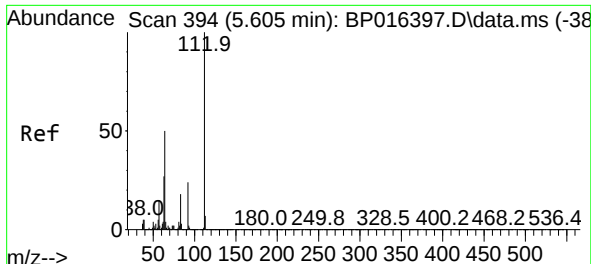
Tgt Ion: 79 Resp: 524212
 Ion Ratio Lower Upper
 79 100
 52 60.4 47.9 71.9
 51 30.6 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 45.249 ng
 RT: 3.775 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: BP016532.D
 Acq: 08 Aug 2023 11:34

Tgt Ion: 42 Resp: 250756
 Ion Ratio Lower Upper
 42 100
 74 160.6 123.8 185.8
 44 8.1 5.5 8.3

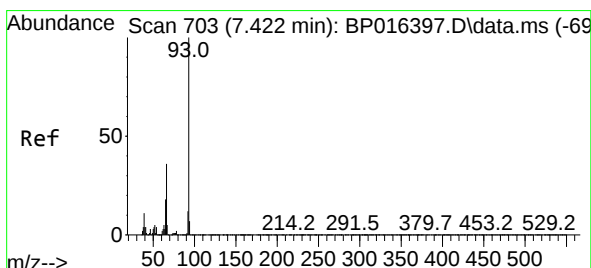
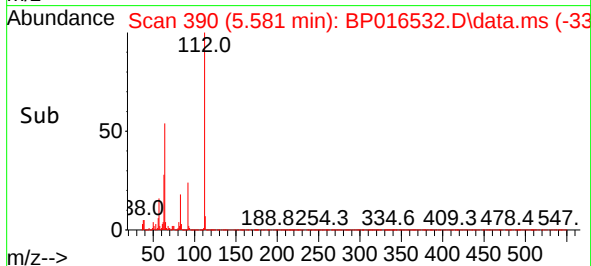
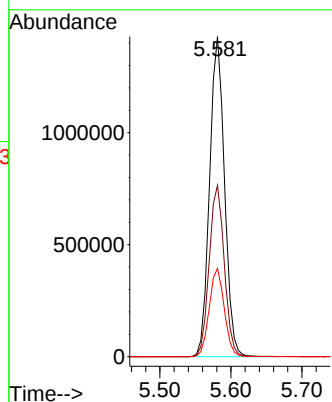
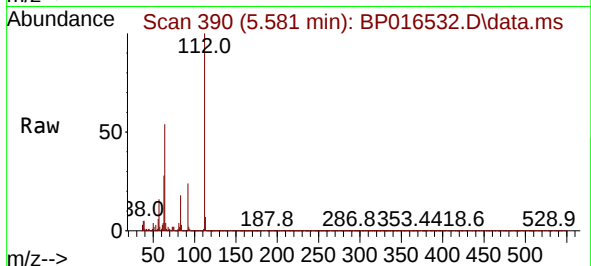




#5
2-Fluorophenol
Concen: 165.583 ng
RT: 5.581 min Scan# 394
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

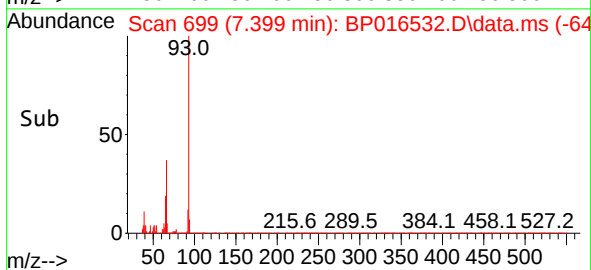
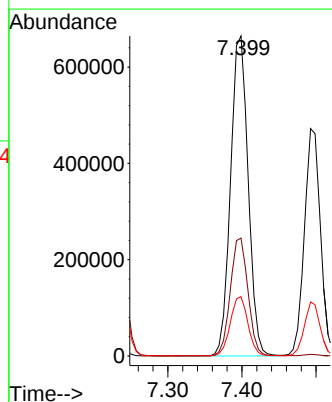
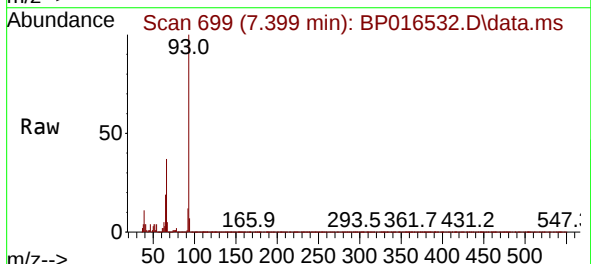
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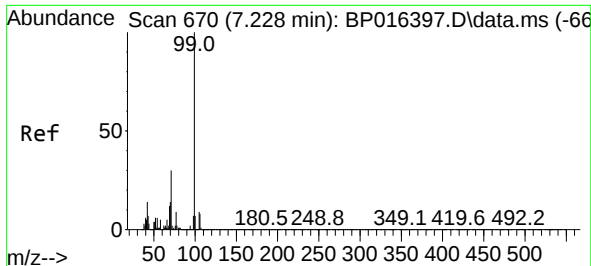
Tgt Ion:112 Resp: 2087586
Ion Ratio Lower Upper
112 100
64 53.5 40.0 60.0
63 27.6 21.2 31.8



#6
Aniline
Concen: 51.314 ng
RT: 7.399 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 93 Resp: 1095276
Ion Ratio Lower Upper
93 100
66 36.8 28.9 43.3
65 18.6 14.7 22.1

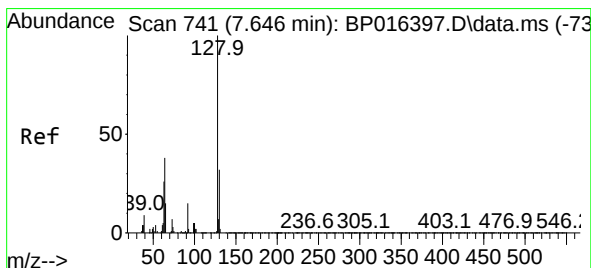
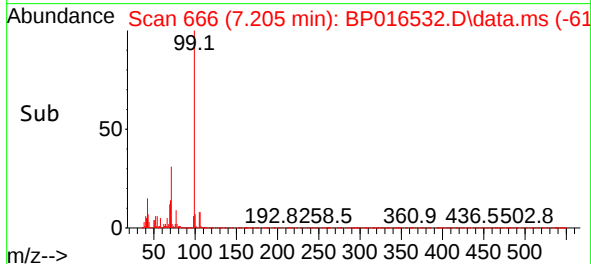
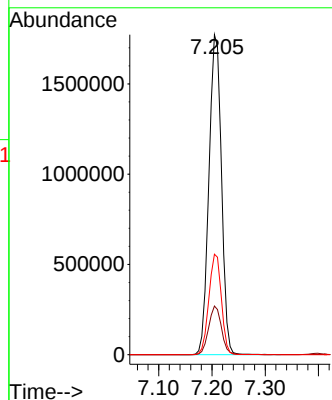
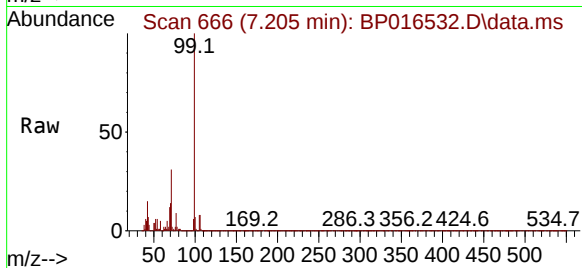




#7
Phenol-d6
Concen: 167.286 ng
RT: 7.205 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

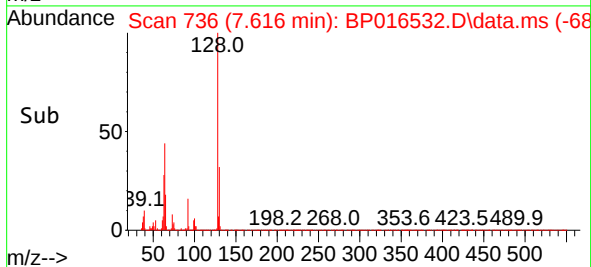
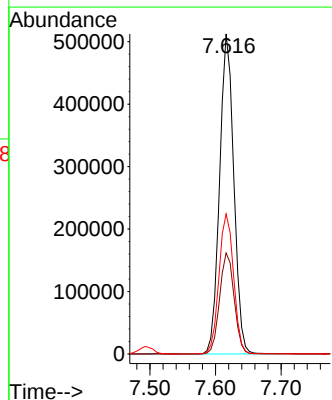
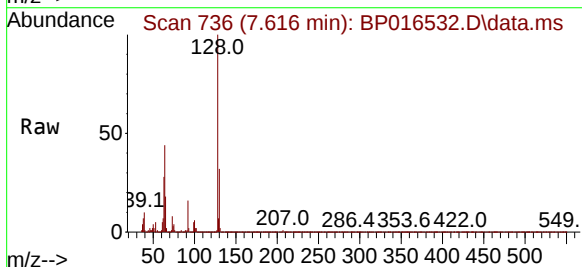
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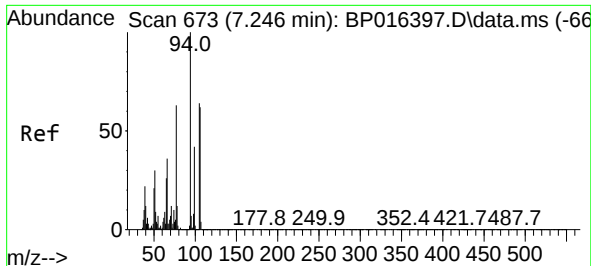
Tgt Ion: 99 Resp: 2890832
Ion Ratio Lower Upper
99 100
42 15.2 11.6 17.4
71 31.4 24.3 36.5



#8
2-Chlorophenol
Concen: 58.105 ng
RT: 7.616 min Scan# 736
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 128 Resp: 768089
Ion Ratio Lower Upper
128 100
130 31.5 11.6 51.6
64 43.7 20.6 60.6

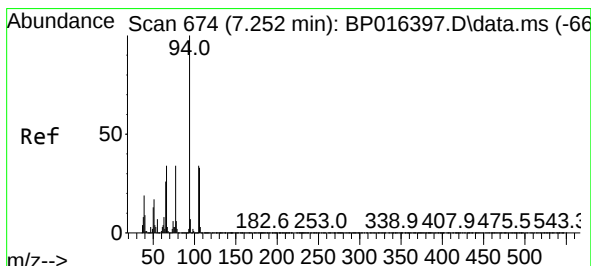
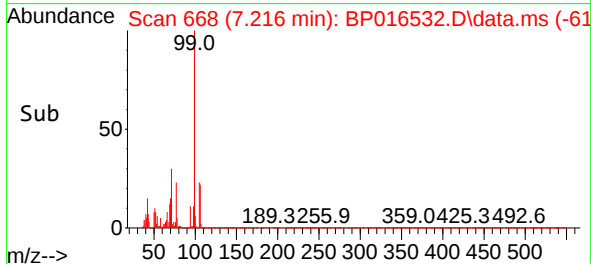
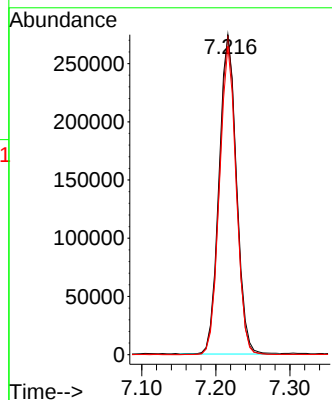
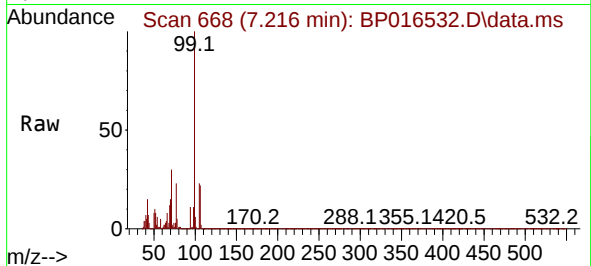




#9
Benzaldehyde
Concen: 70.206 ng
RT: 7.216 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

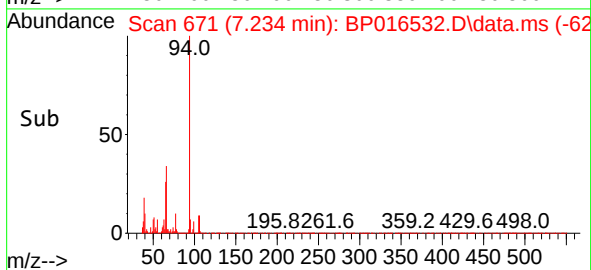
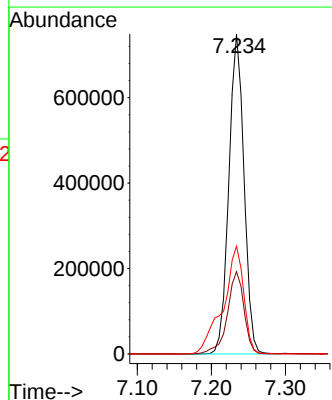
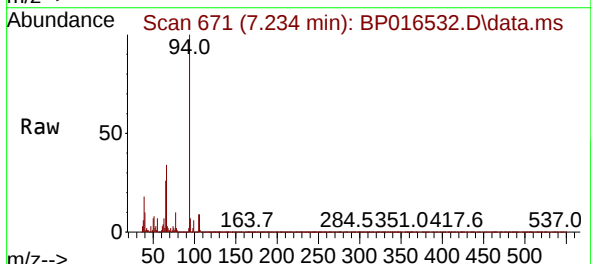
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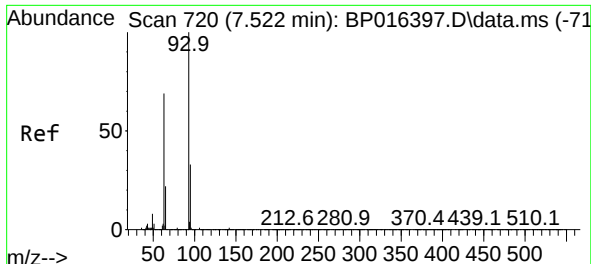
Tgt Ion: 77 Resp: 450062
Ion Ratio Lower Upper
77 100
105 99.7 81.9 121.9
106 96.3 78.8 118.8



#10
Phenol
Concen: 63.233 ng
RT: 7.234 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 94 Resp: 1061152
Ion Ratio Lower Upper
94 100
65 25.7 5.9 45.9
66 33.7 14.3 54.3

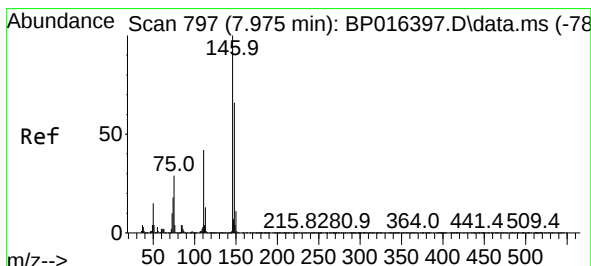
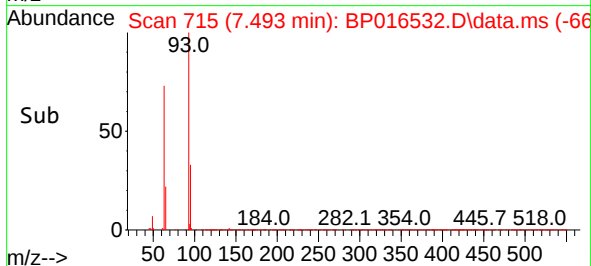
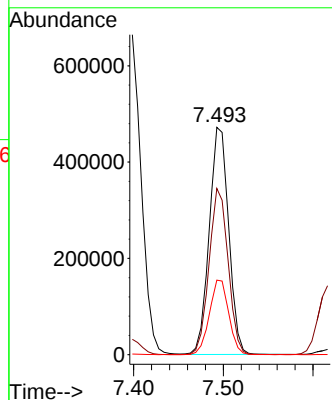
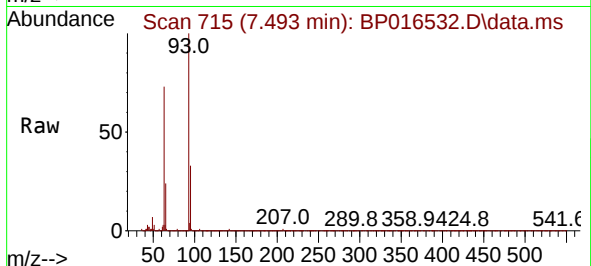




#11
bis(2-Chloroethyl)ether
Concen: 51.948 ng
RT: 7.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

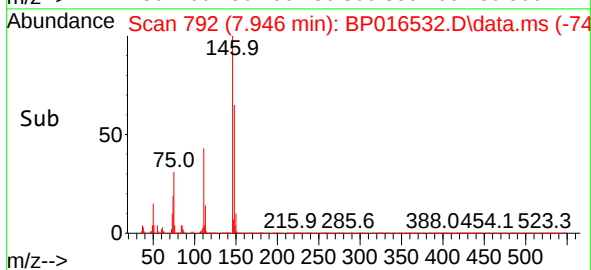
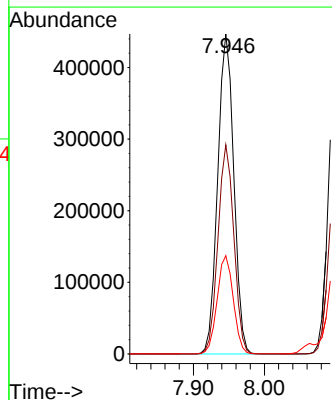
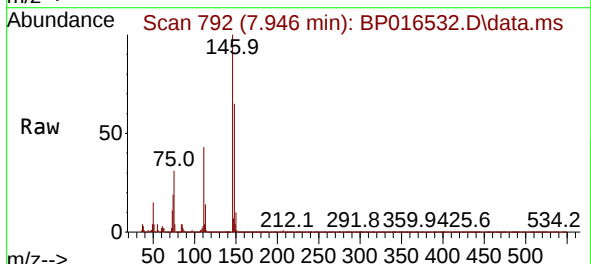
Instrument :
BNA_P
ClientSampleId :
PB154690BS

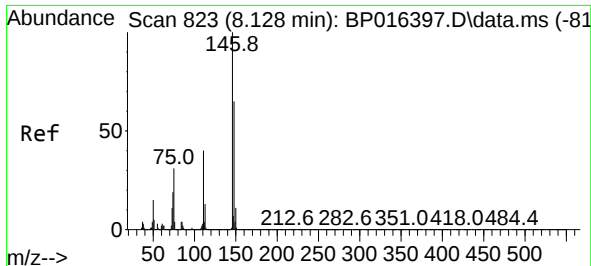
Tgt Ion: 93 Resp: 708648
Ion Ratio Lower Upper
93 100
63 73.1 49.4 89.4
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 49.254 ng
RT: 7.946 min Scan# 792
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:146 Resp: 698954
Ion Ratio Lower Upper
146 100
148 65.3 53.0 79.4
75 30.7 23.4 35.2

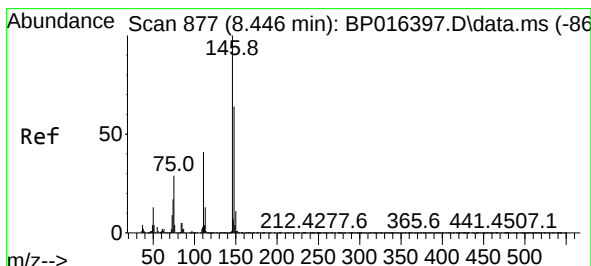
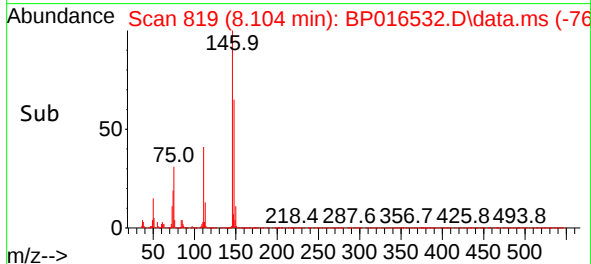
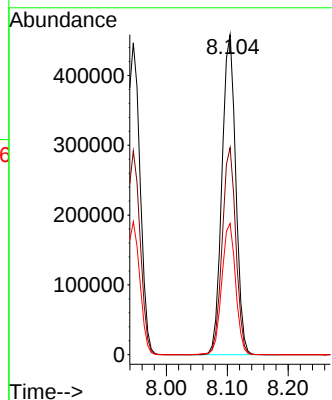
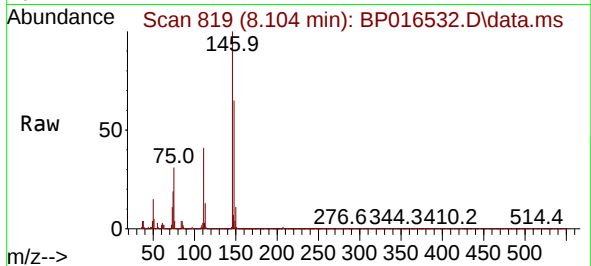




#13
1,4-Dichlorobenzene
Concen: 50.047 ng
RT: 8.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

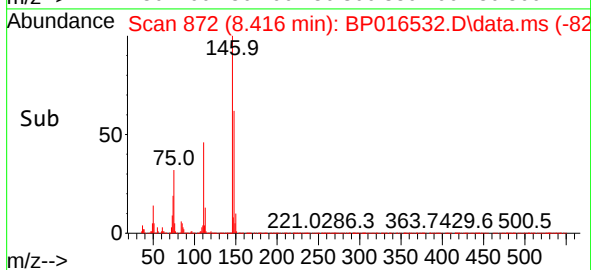
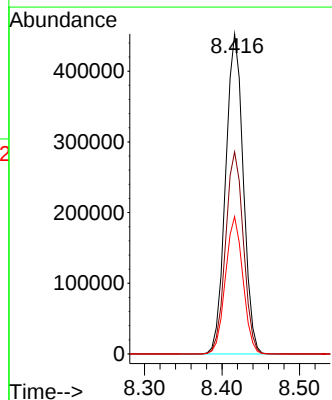
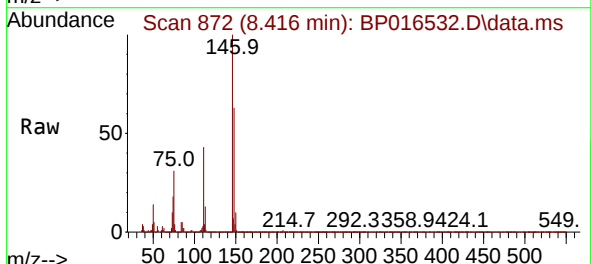
Instrument :
BNA_P
ClientSampleId :
PB154690BS

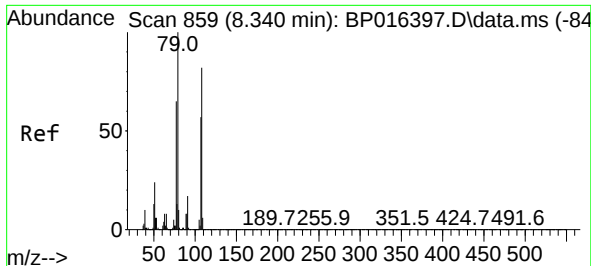
Tgt Ion:146 Resp: 720422
Ion Ratio Lower Upper
146 100
148 64.7 51.7 77.5
111 41.0 32.0 48.0



#14
1,2-Dichlorobenzene
Concen: 51.711 ng
RT: 8.416 min Scan# 872
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:146 Resp: 716708
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 42.9 32.6 49.0

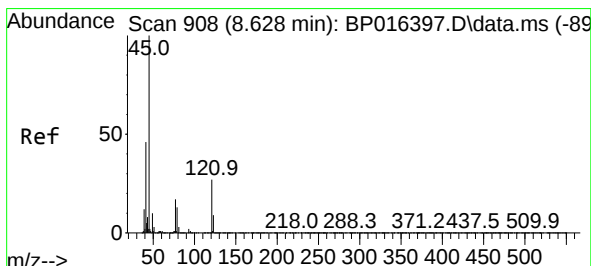
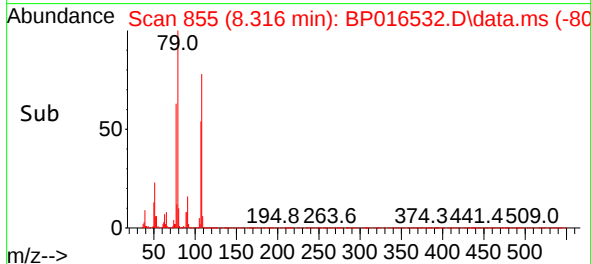
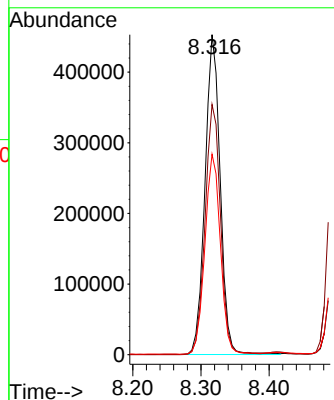
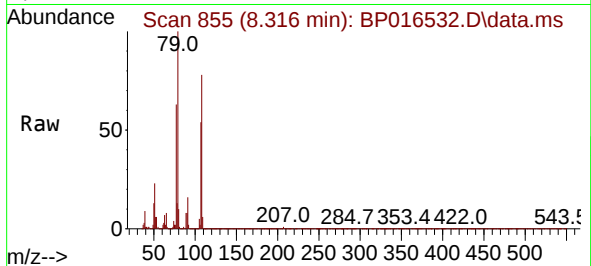




#15
Benzyl Alcohol
Concen: 59.369 ng
RT: 8.316 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

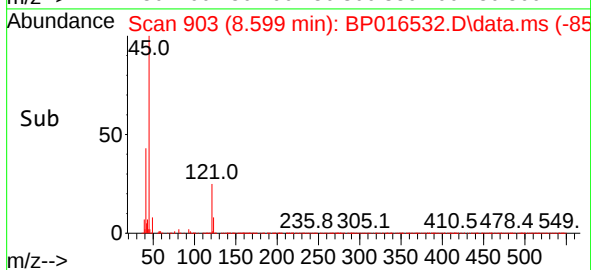
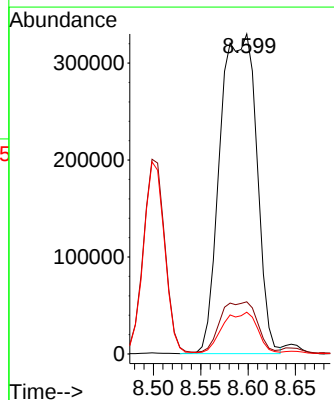
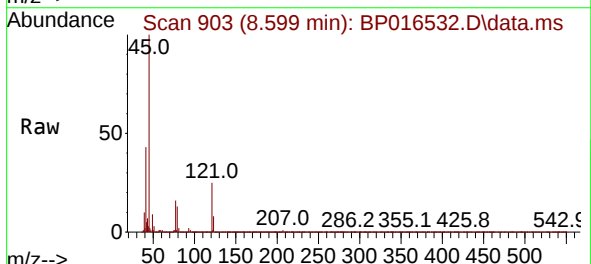
Instrument :
BNA_P
ClientSampleId :
PB154690BS

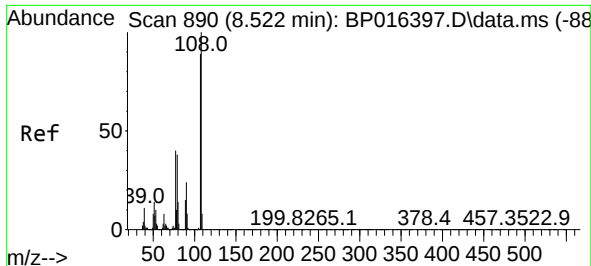
Tgt Ion: 79 Resp: 700908
Ion Ratio Lower Upper
79 100
108 78.2 65.4 98.2
77 62.6 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.062 ng
RT: 8.599 min Scan# 903
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 45 Resp: 882782
Ion Ratio Lower Upper
45 100
77 16.3 0.0 37.3
79 13.1 0.0 33.3



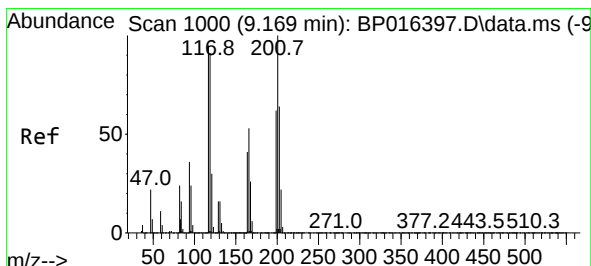
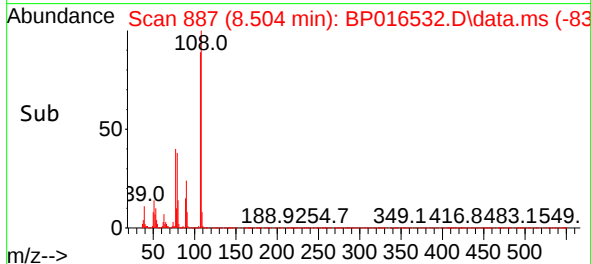
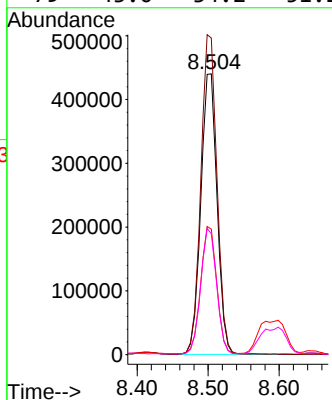
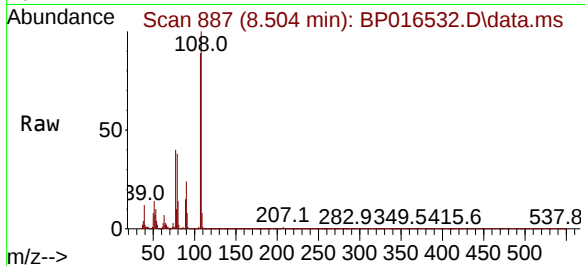


#17
2-Methylphenol
Concen: 57.905 ng
RT: 8.504 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Instrument :
BNA_P
ClientSampleId :
PB154690BS

Tgt Ion:107 Resp: 700325

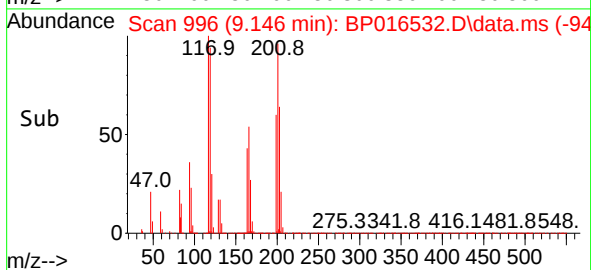
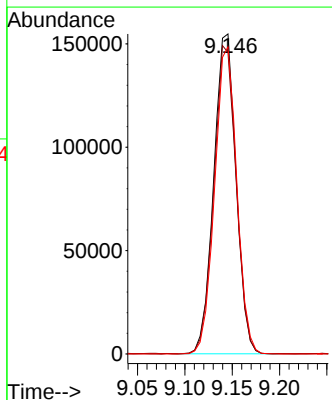
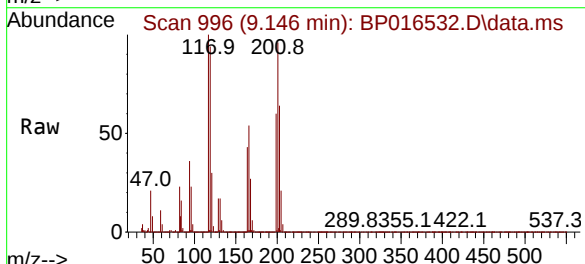
Ion	Ratio	Lower	Upper
107	100		
108	112.8	89.6	134.4
77	44.7	35.6	53.4
79	43.0	34.2	51.2

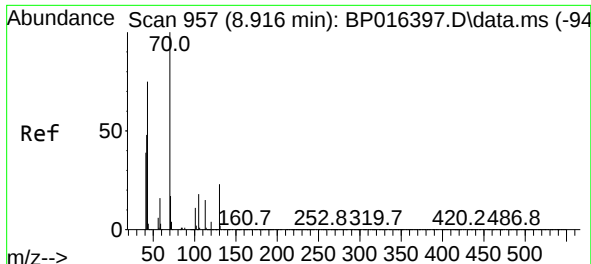


#18
Hexachloroethane
Concen: 49.546 ng
RT: 9.146 min Scan# 996
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:117 Resp: 254401

Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.9	115.3
201	95.9	86.2	129.4

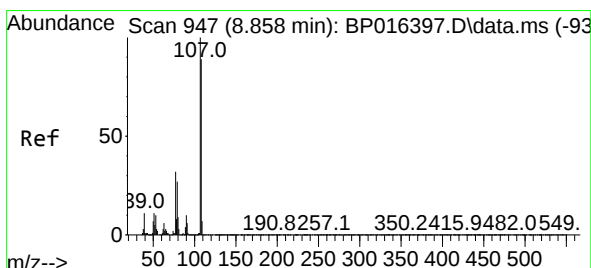
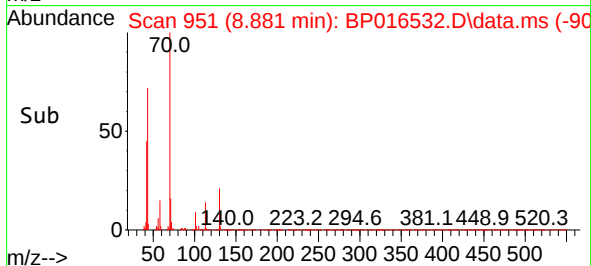
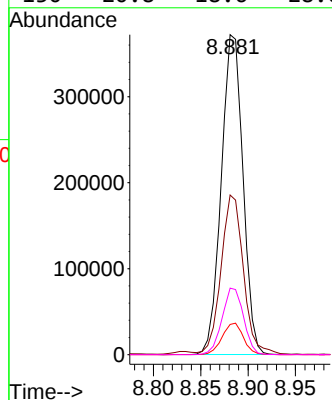
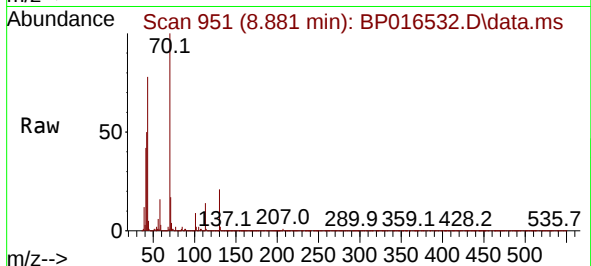




#19
n-Nitroso-di-n-propylamine
Concen: 54.806 ng
RT: 8.881 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

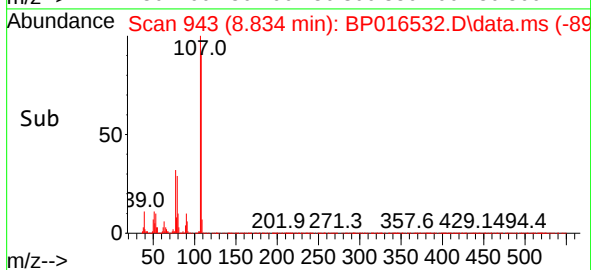
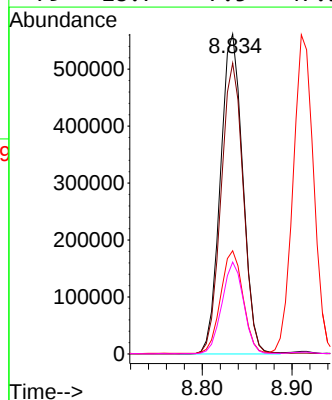
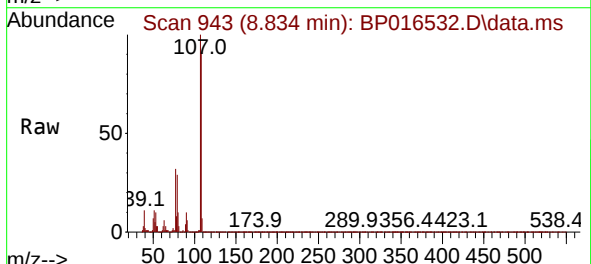
Instrument :
BNA_P
ClientSampleId :
PB154690BS

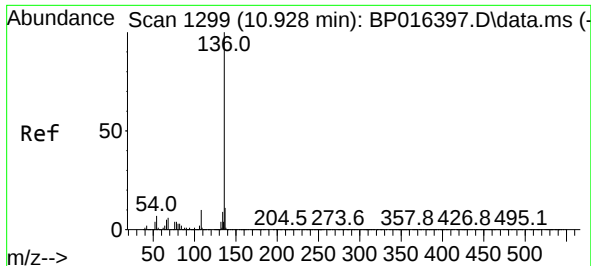
Tgt Ion: 70 Resp: 593328
Ion Ratio Lower Upper
70 100
42 49.9 39.3 58.9
101 9.5 8.6 12.8
130 20.8 18.6 28.0



#20
3+4-Methylphenols
Concen: 59.163 ng
RT: 8.834 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 107 Resp: 971790
Ion Ratio Lower Upper
107 100
108 90.9 69.1 109.1
77 32.2 12.0 52.0
79 28.7 7.5 47.5

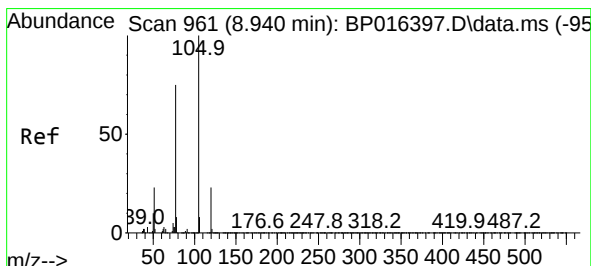
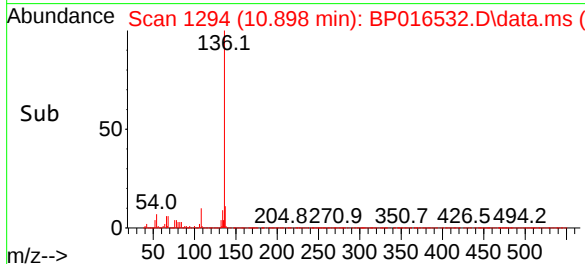
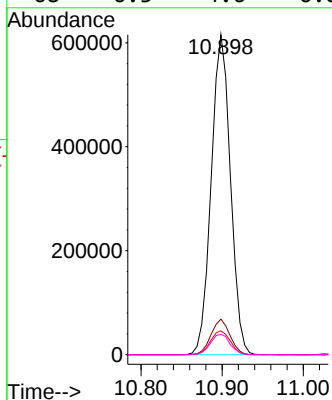
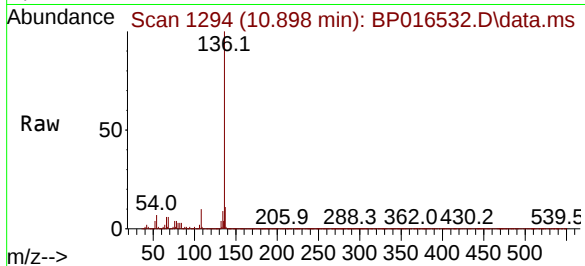




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

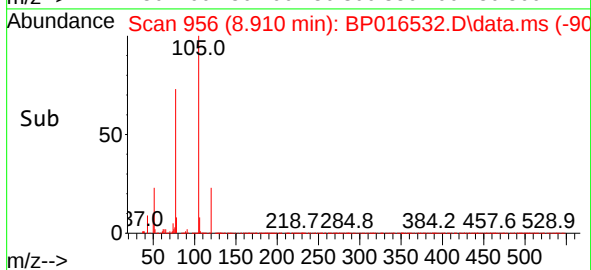
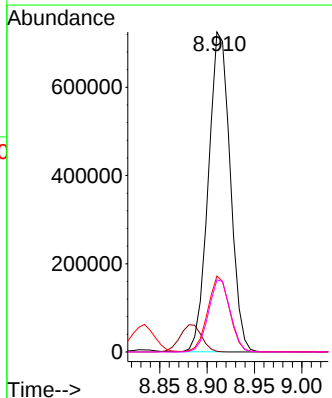
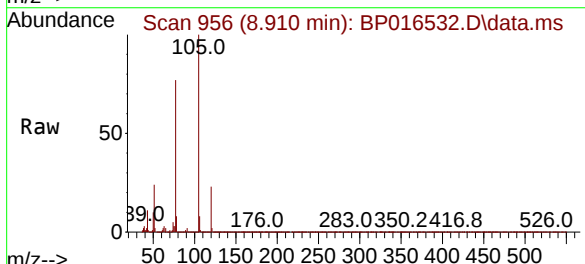
Instrument :
BNA_P
ClientSampleId :
PB154690BS

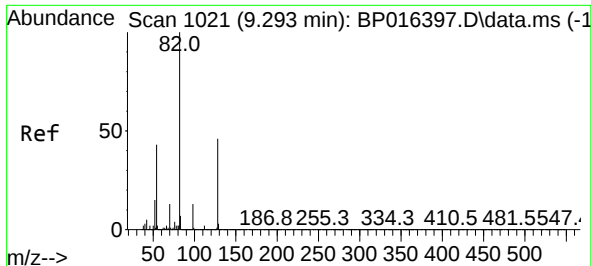
Tgt Ion:136 Resp: 1011578
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.5 5.6 8.4
68 6.3 4.6 6.8



#22
Acetophenone
Concen: 45.613 ng
RT: 8.910 min Scan# 956
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:105 Resp: 1164985
Ion Ratio Lower Upper
105 100
71 0.2 0.2 0.2
51 23.7 18.3 27.5
120 22.6 18.2 27.2

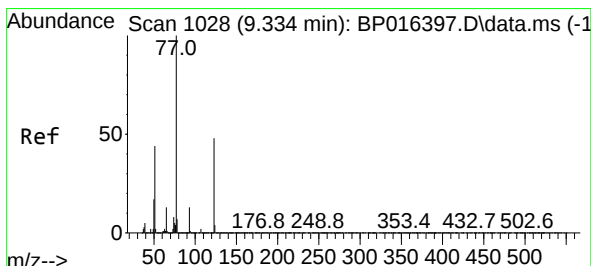
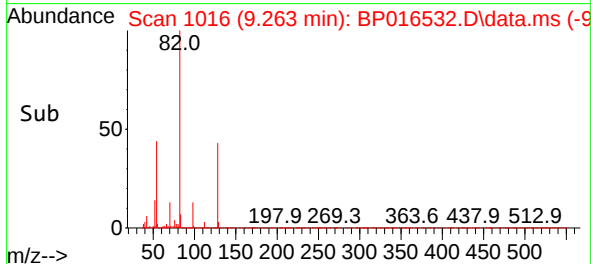
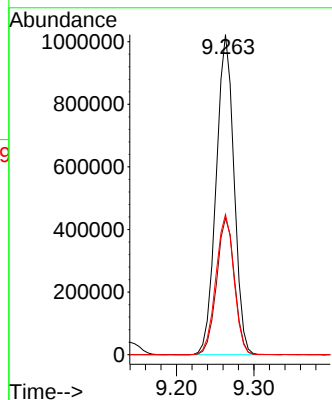
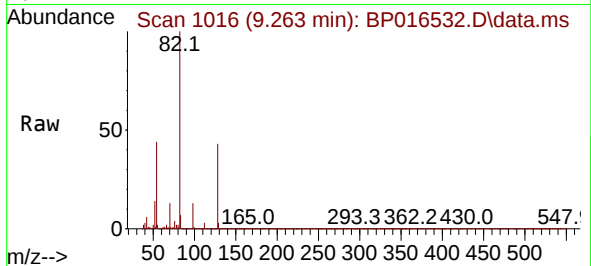




#23
Nitrobenzene-d5
Concen: 90.607 ng
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

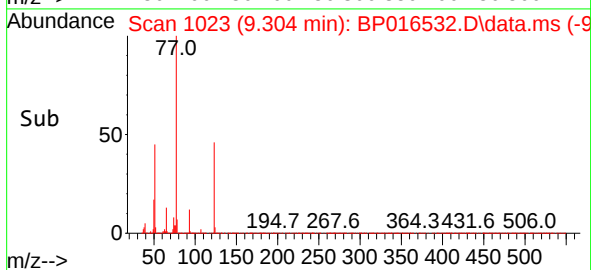
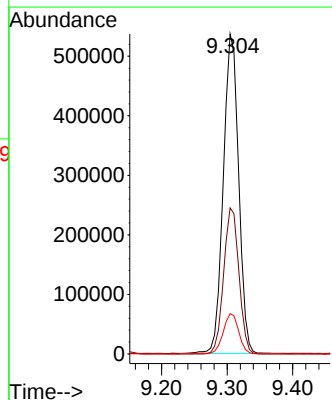
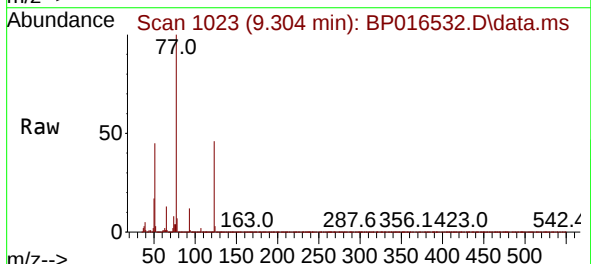
Instrument :
BNA_P
ClientSampleId :
PB154690BS

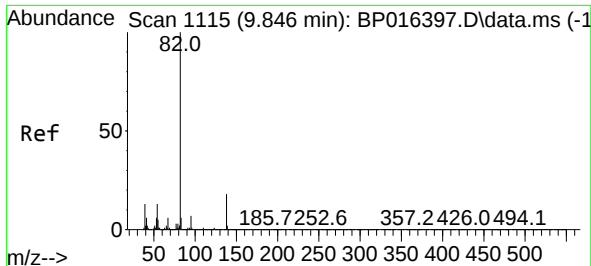
Tgt Ion: 82 Resp: 1637339
Ion Ratio Lower Upper
82 100
128 42.7 36.6 55.0
54 43.9 34.5 51.7



#24
Nitrobenzene
Concen: 46.775 ng
RT: 9.304 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 77 Resp: 868167
Ion Ratio Lower Upper
77 100
123 45.7 38.6 58.0
65 12.6 10.5 15.7

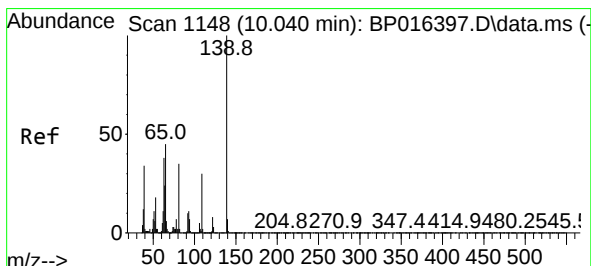
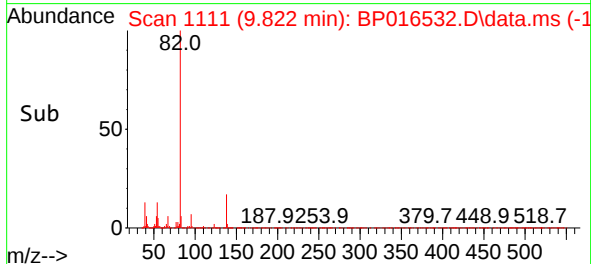
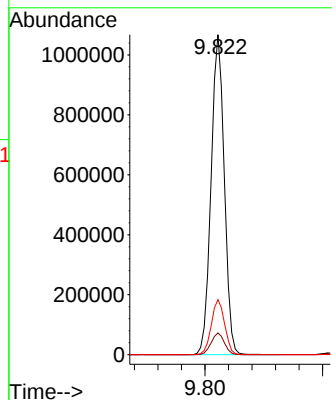
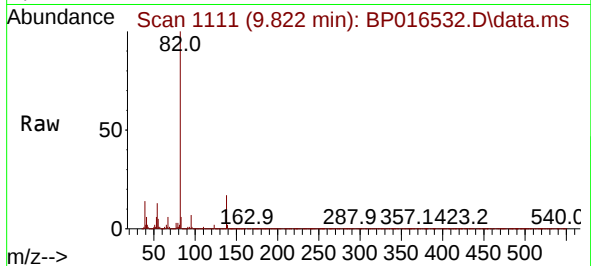




#25
Isophorone
Concen: 45.697 ng
RT: 9.822 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

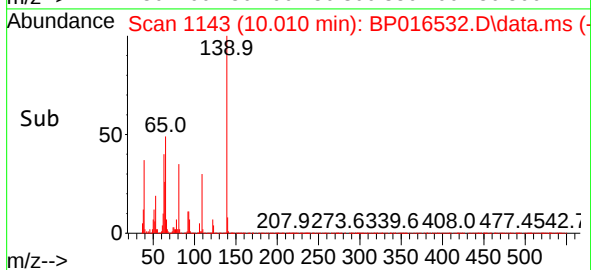
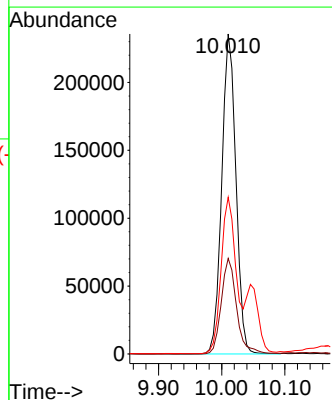
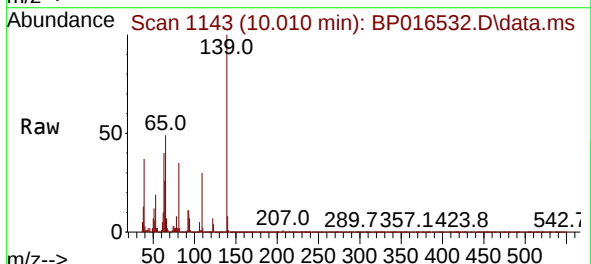
Instrument :
BNA_P
ClientSampleId :
PB154690BS

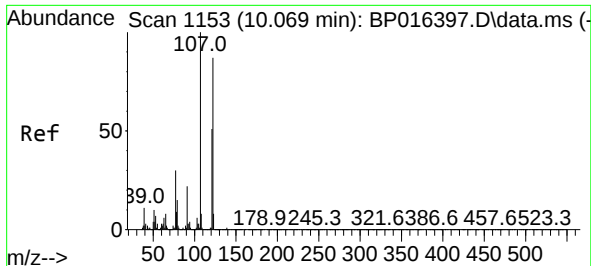
Tgt Ion: 82 Resp: 1667210
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.2 14.6 22.0



#26
2-Nitrophenol
Concen: 46.037 ng
RT: 10.010 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 139 Resp: 367189
Ion Ratio Lower Upper
139 100
109 29.9 24.2 36.4
65 48.9 35.8 53.6

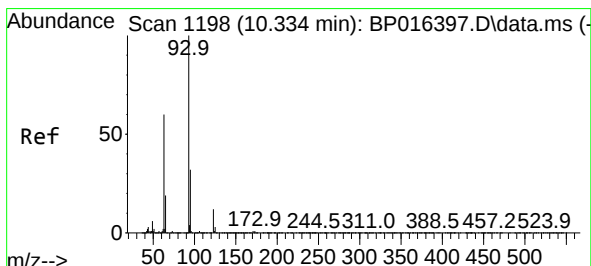
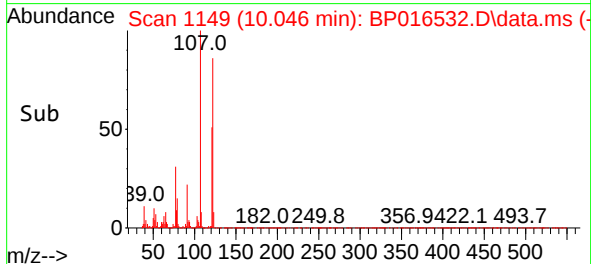
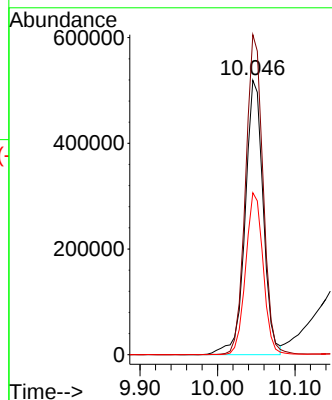
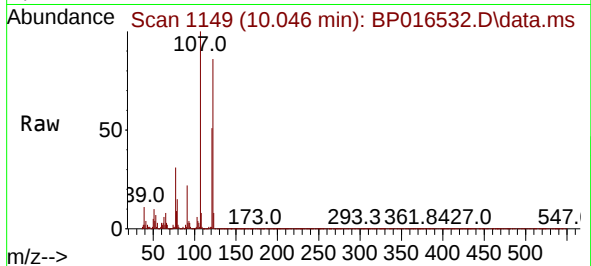




#27
2,4-Dimethylphenol
Concen: 51.501 ng
RT: 10.046 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

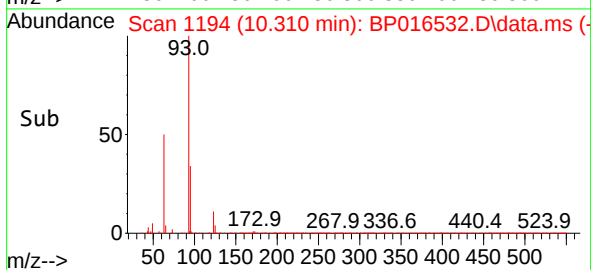
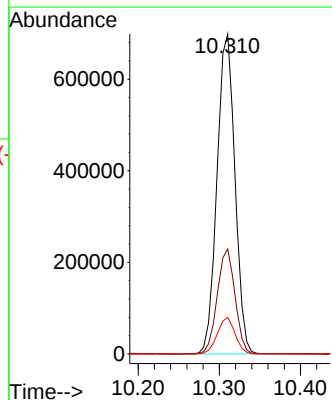
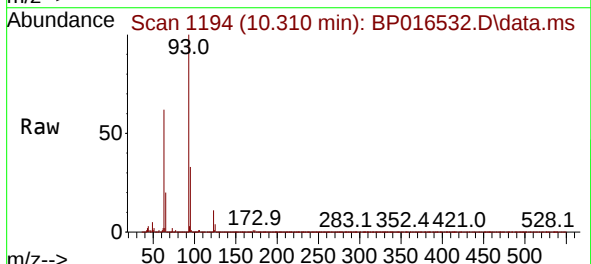
Instrument :
BNA_P
ClientSampleId :
PB154690BS

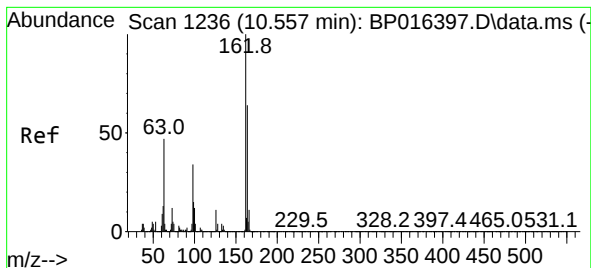
Tgt Ion:122 Resp: 840601
Ion Ratio Lower Upper
122 100
107 116.6 91.9 137.9
121 59.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 48.014 ng
RT: 10.310 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 93 Resp: 1072996
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.8
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.213 ng

RT: 10.534 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

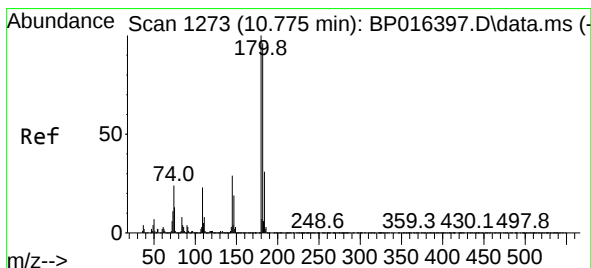
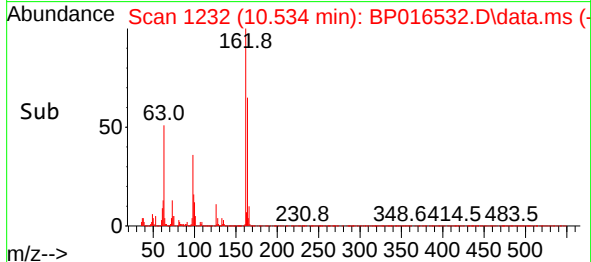
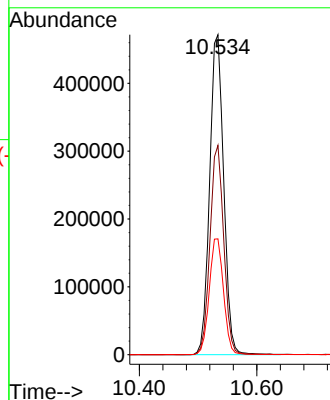
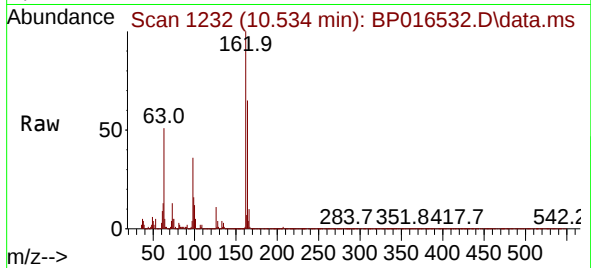
Tgt Ion:162 Resp: 782285

Ion Ratio Lower Upper

162 100

164 65.4 44.2 84.2

98 36.2 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 43.723 ng

RT: 10.745 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

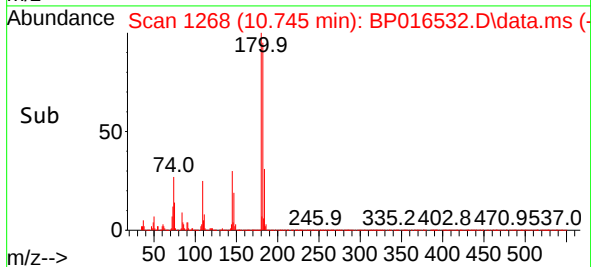
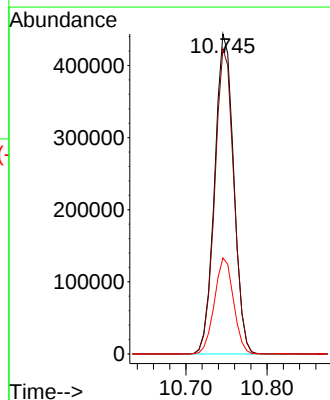
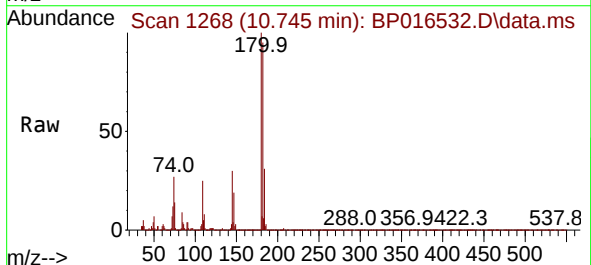
Tgt Ion:180 Resp: 723386

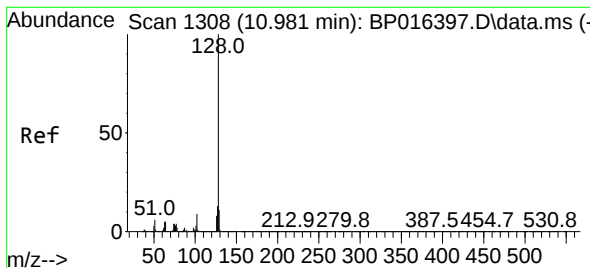
Ion Ratio Lower Upper

180 100

182 95.3 77.1 115.7

145 30.0 22.9 34.3

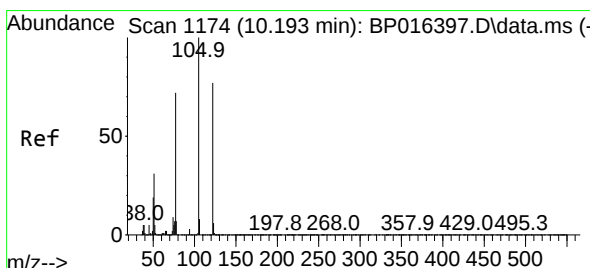
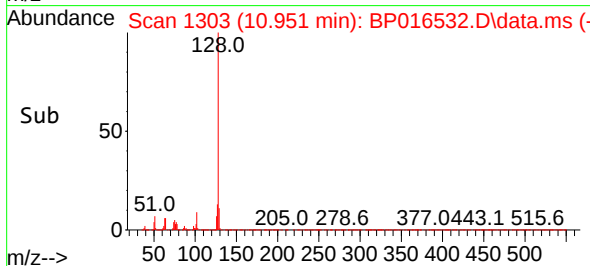
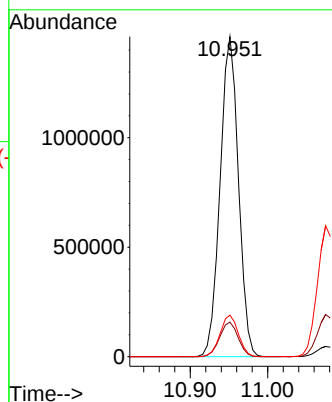
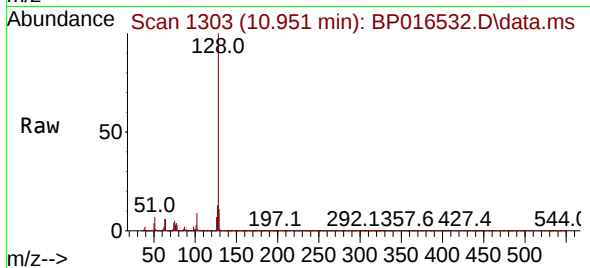




#31
Naphthalene
Concen: 45.464 ng
RT: 10.951 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

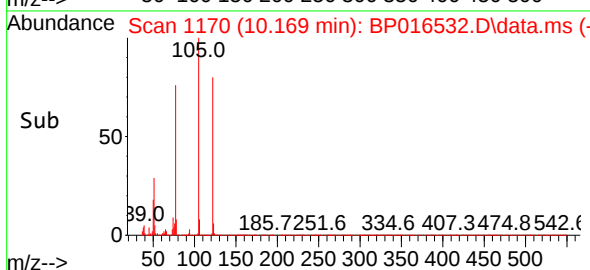
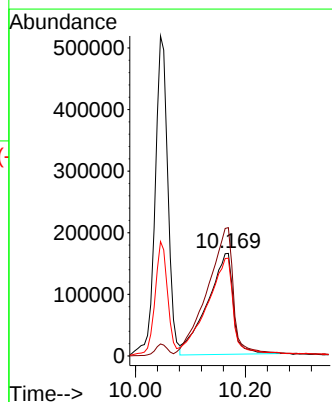
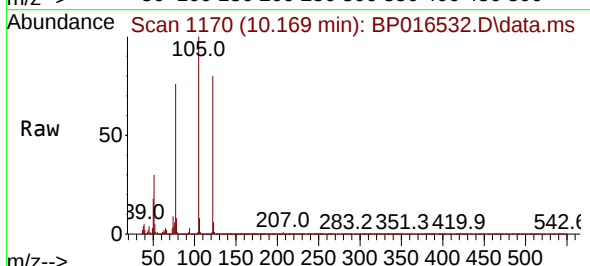
Instrument :
BNA_P
ClientSampleId :
PB154690BS

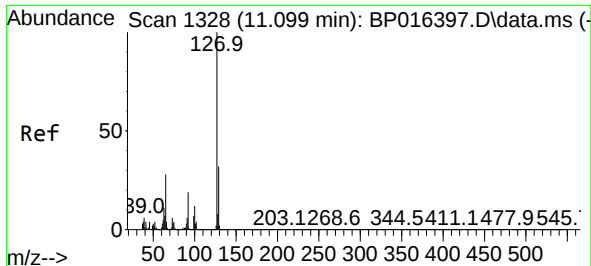
Tgt Ion:128 Resp: 2405615
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 49.760 ng
RT: 10.169 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:122 Resp: 535708
Ion Ratio Lower Upper
122 100
105 125.1 105.2 145.2
77 95.2 72.2 112.2

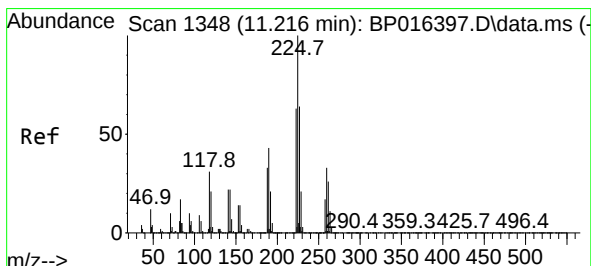
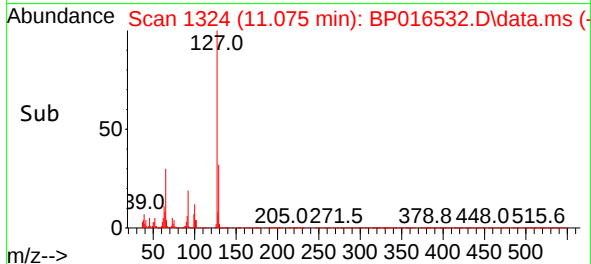
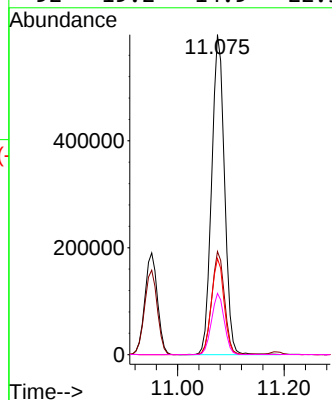
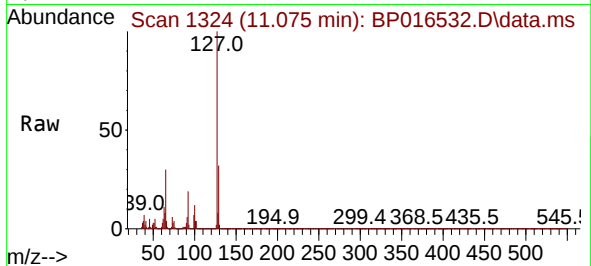




#33
4-Chloroaniline
Concen: 41.896 ng
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

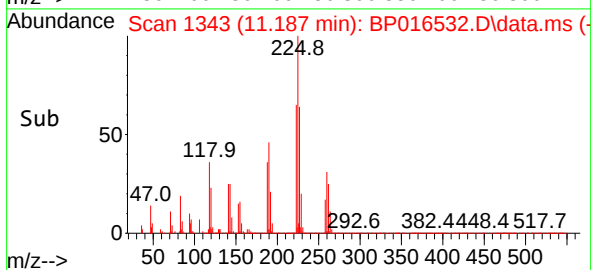
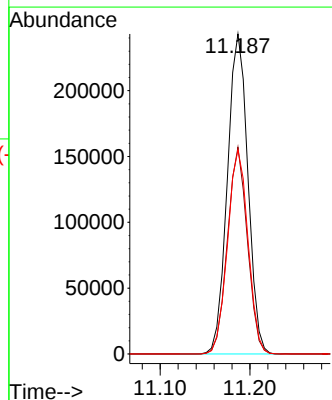
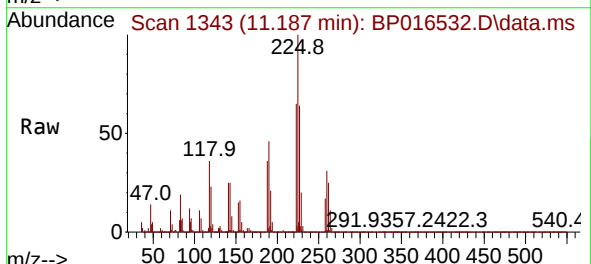
Instrument :
BNA_P
ClientSampleId :
PB154690BS

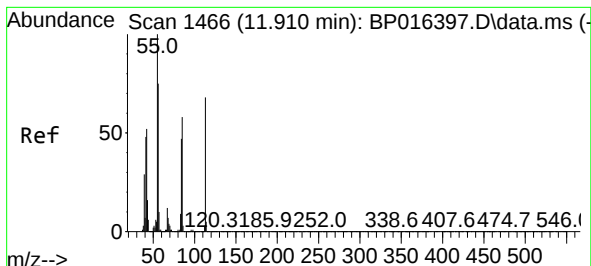
Tgt Ion:	127	Resp:	999968
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	30.0	22.7	34.1
92	19.2	14.9	22.3



#34
Hexachlorobutadiene
Concen: 39.331 ng
RT: 11.187 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:	225	Resp:	385260
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.2	75.4
227	63.7	51.0	76.6





#35

Caprolactam

Concen: 57.185 ng

RT: 11.892 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

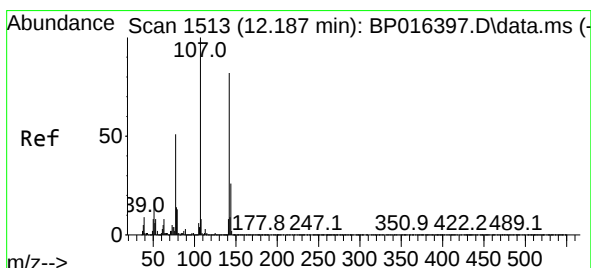
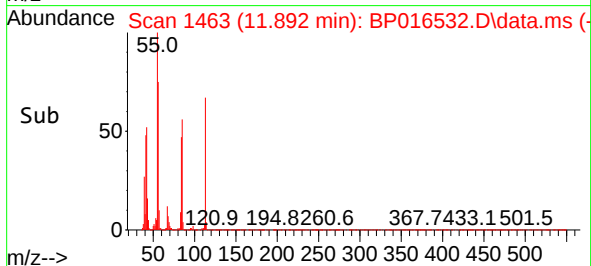
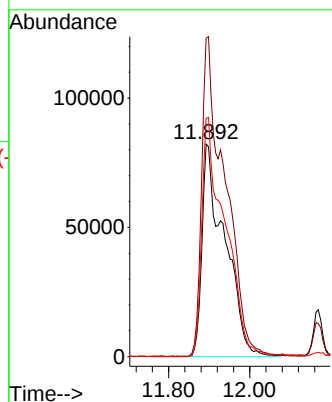
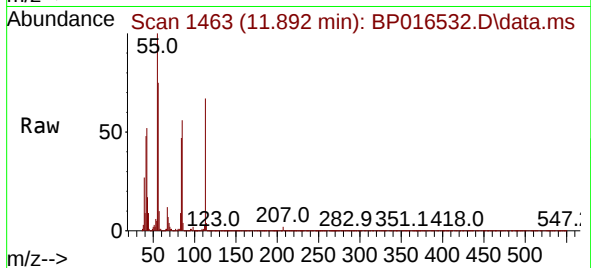
Tgt Ion:113 Resp: 319185

Ion Ratio Lower Upper

113 100

55 149.8 128.0 168.0

56 112.1 91.3 131.3



#36

4-Chloro-3-methylphenol

Concen: 55.300 ng

RT: 12.169 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

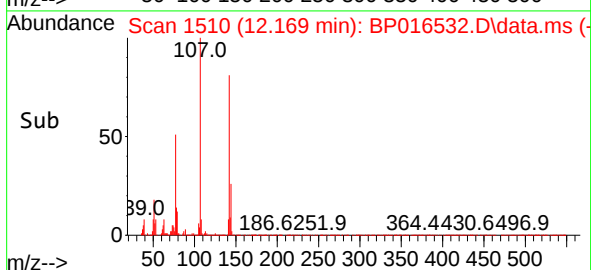
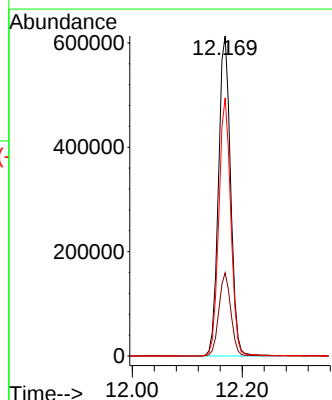
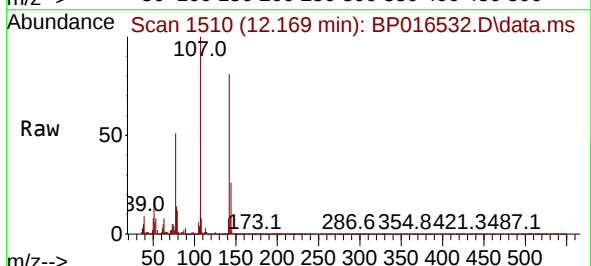
Tgt Ion:107 Resp: 938969

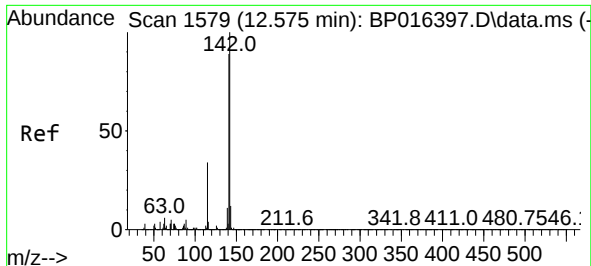
Ion Ratio Lower Upper

107 100

144 26.0 21.0 31.6

142 80.6 65.6 98.4

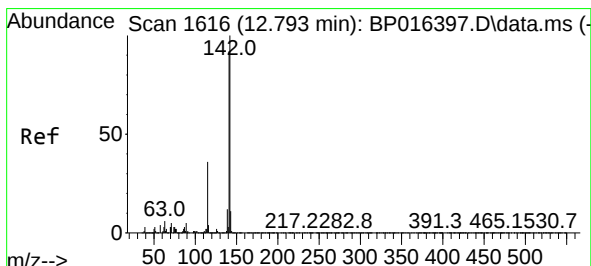
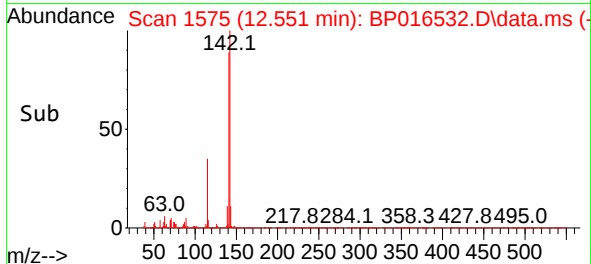
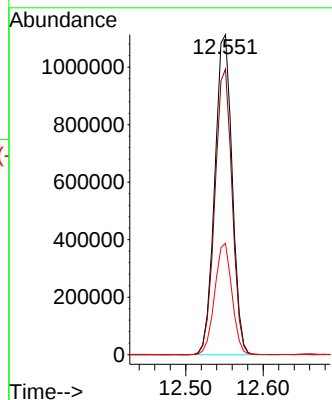
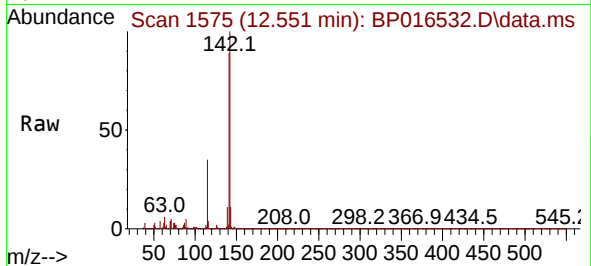




#37
2-Methylnaphthalene
Concen: 45.149 ng
RT: 12.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

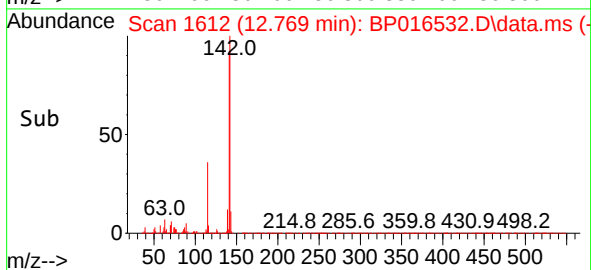
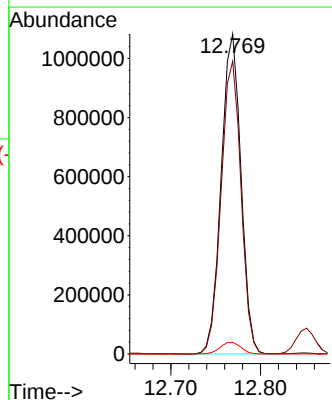
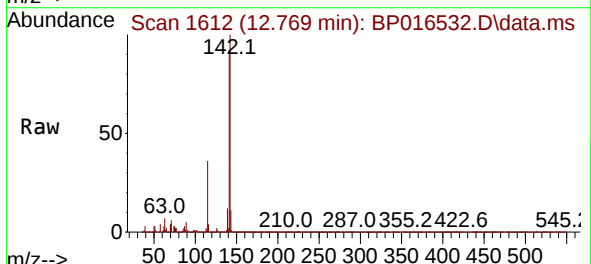
Instrument :
BNA_P
ClientSampleId :
PB154690BS

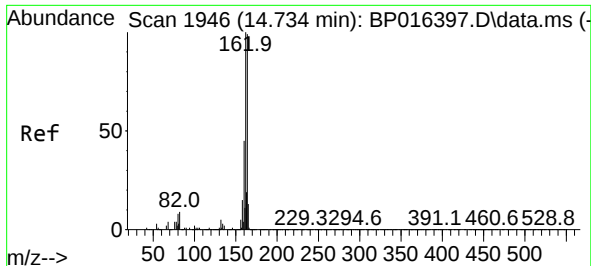
Tgt Ion:142 Resp: 1735502
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 34.8 27.0 40.4



#38
1-Methylnaphthalene
Concen: 45.949 ng
RT: 12.769 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:142 Resp: 1655910
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6
116 3.7 2.9 4.3

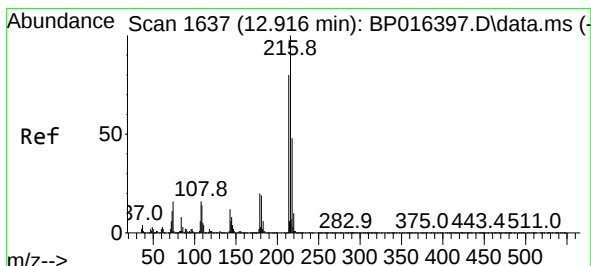
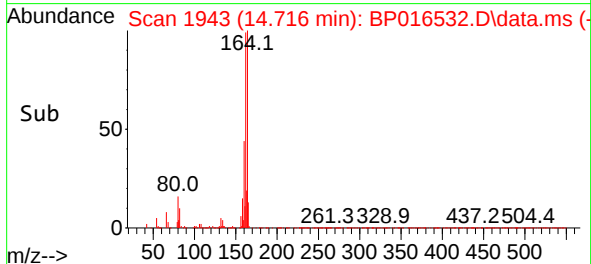
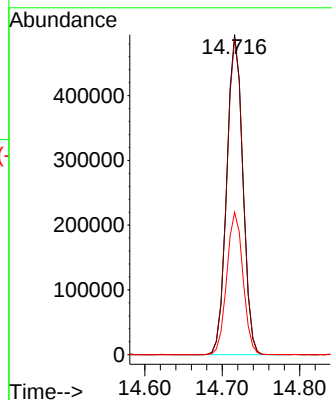
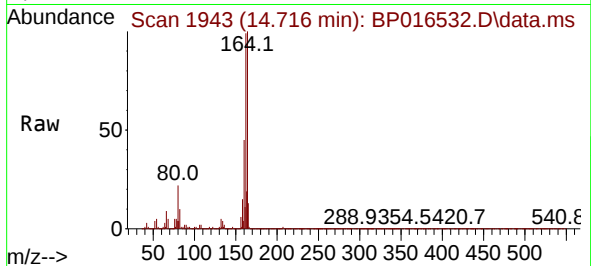




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

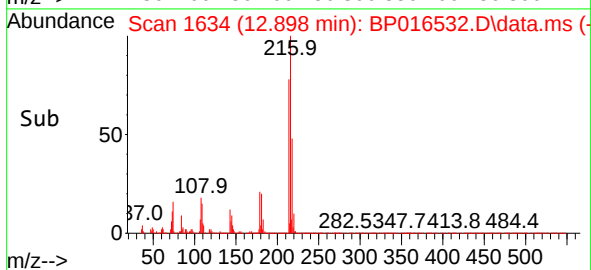
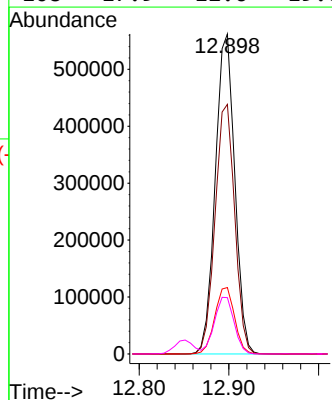
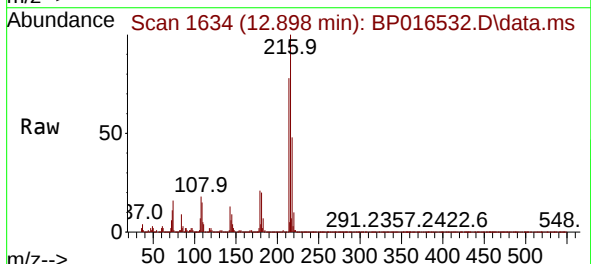
Instrument :
BNA_P
ClientSampleId :
PB154690BS

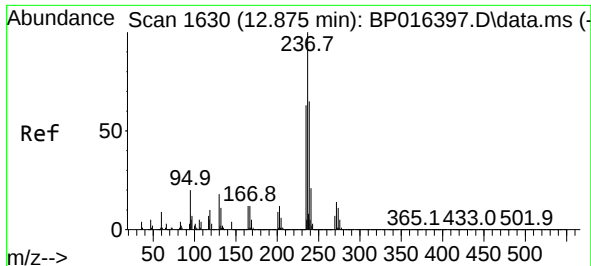
Tgt Ion:164 Resp: 709614
Ion Ratio Lower Upper
164 100
162 98.9 81.0 121.6
160 44.5 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.226 ng
RT: 12.898 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:216 Resp: 845887
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 21.1 16.0 24.0
108 17.9 12.6 19.0

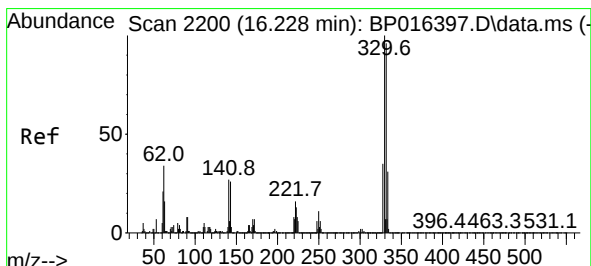
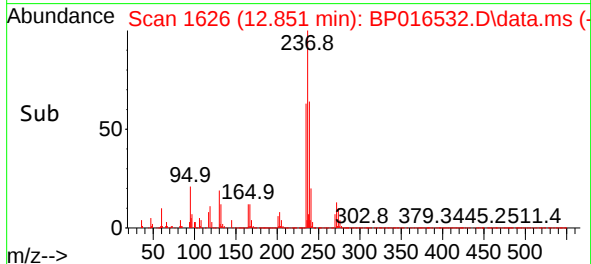
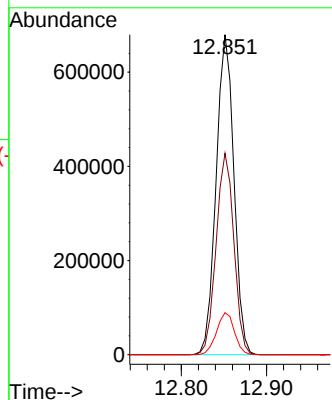
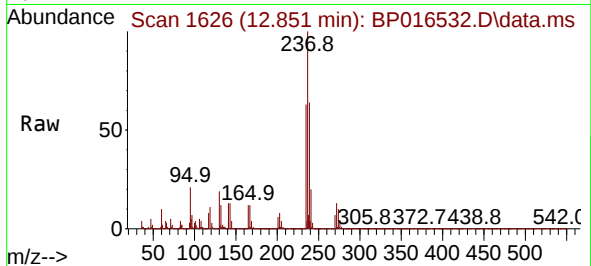




#41
Hexachlorocyclopentadiene
Concen: 91.092 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

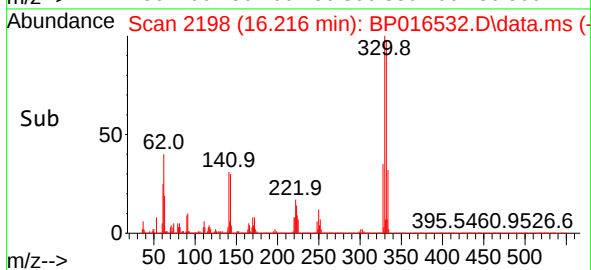
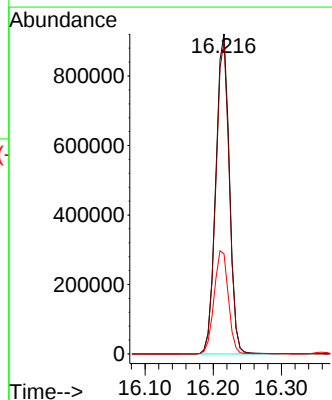
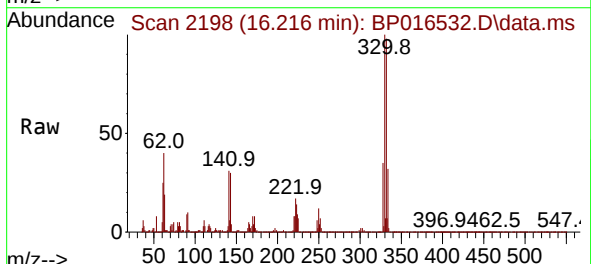
Instrument :
BNA_P
ClientSampleId :
PB154690BS

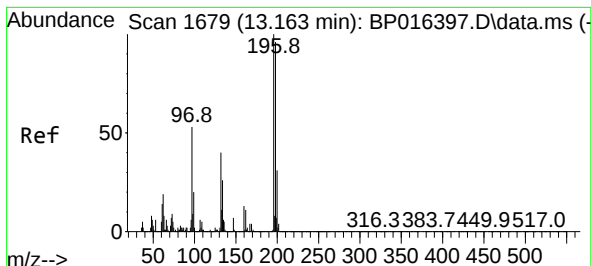
Tgt Ion:237 Resp: 986571
Ion Ratio Lower Upper
237 100
235 62.9 42.7 82.7
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 122.406 ng
RT: 16.216 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:330 Resp: 1277855
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 33.9 22.6 34.0





#43

2,4,6-Trichlorophenol

Concen: 46.524 ng

RT: 13.145 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

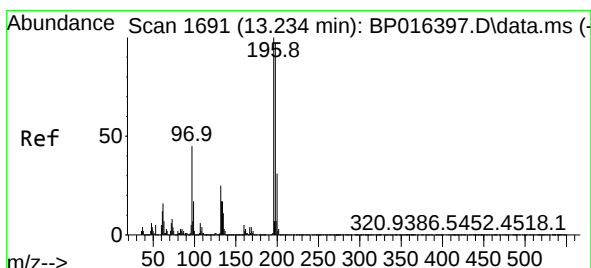
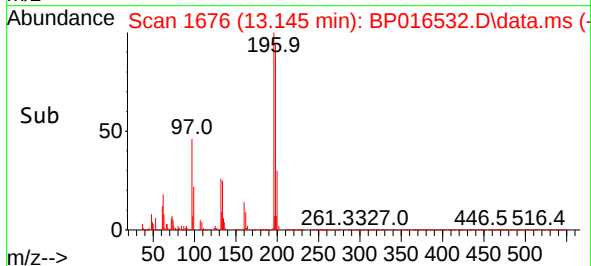
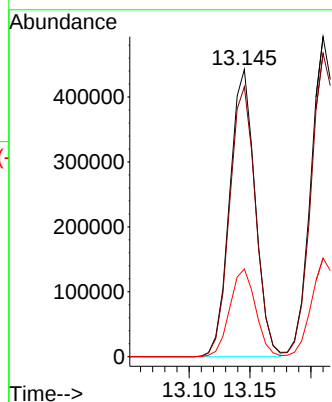
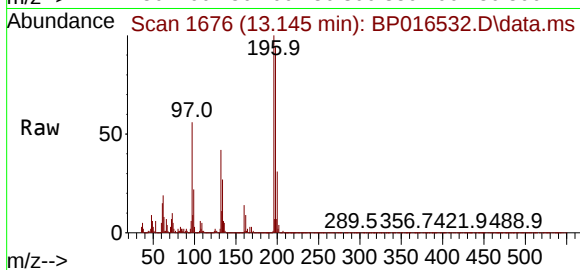
Tgt Ion:196 Resp: 643733

Ion Ratio Lower Upper

196 100

198 94.0 77.0 115.4

200 30.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 43.954 ng

RT: 13.210 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Tgt Ion:196 Resp: 737851

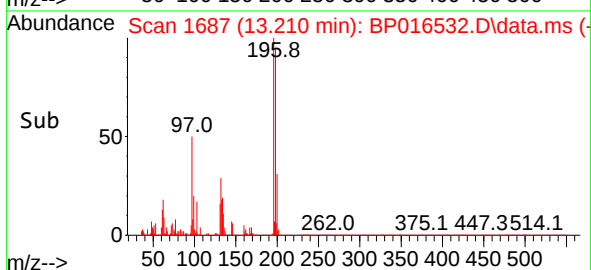
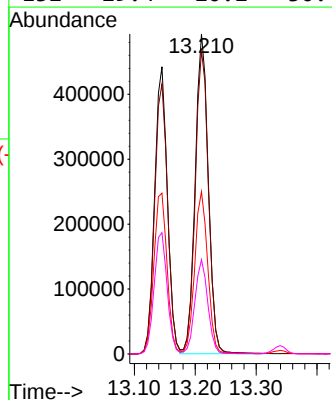
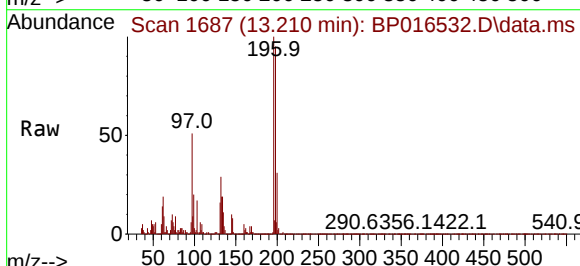
Ion Ratio Lower Upper

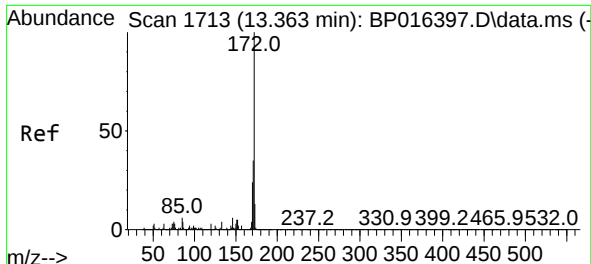
196 100

198 94.8 77.3 115.9

97 50.7 36.2 54.4

132 29.4 20.2 30.4

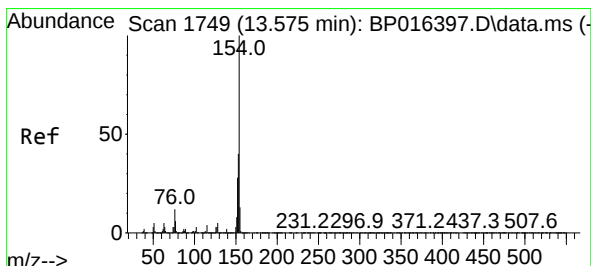
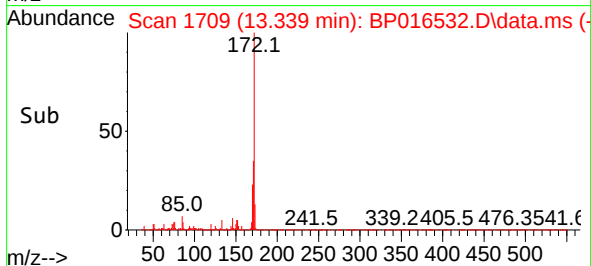
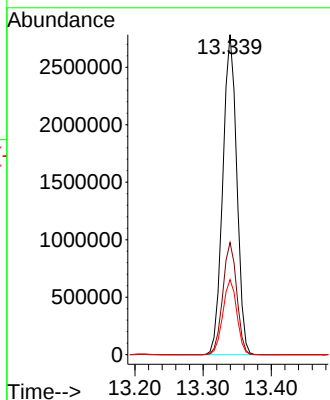
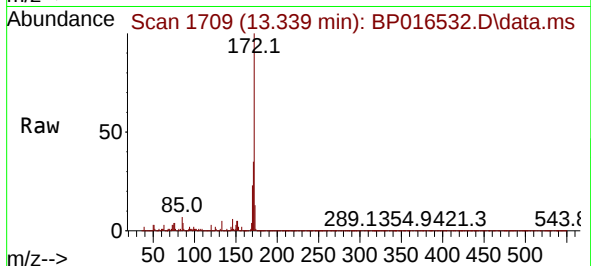




#45
2-Fluorobiphenyl
Concen: 80.408 ng
RT: 13.339 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

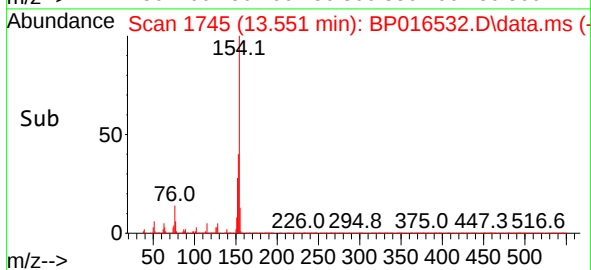
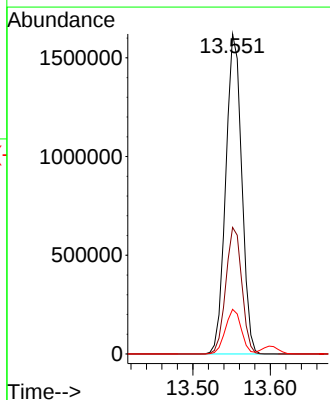
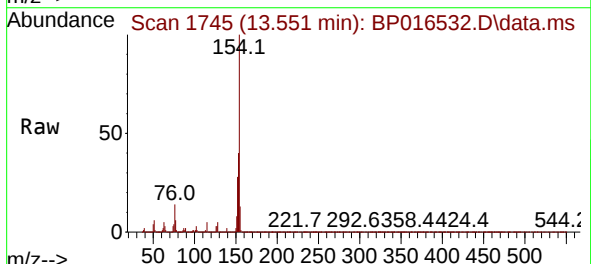
Instrument :
BNA_P
ClientSampleId :
PB154690BS

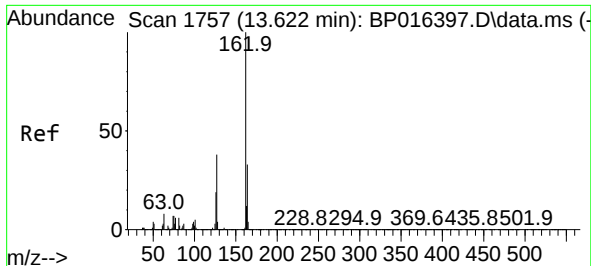
Tgt Ion:172 Resp: 3979886
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 42.936 ng
RT: 13.551 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:154 Resp: 2322503
Ion Ratio Lower Upper
154 100
153 39.6 20.1 60.1
76 13.9 0.0 32.5

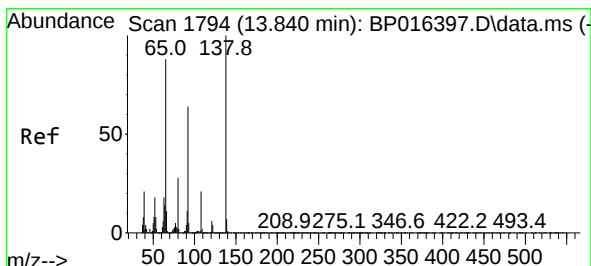
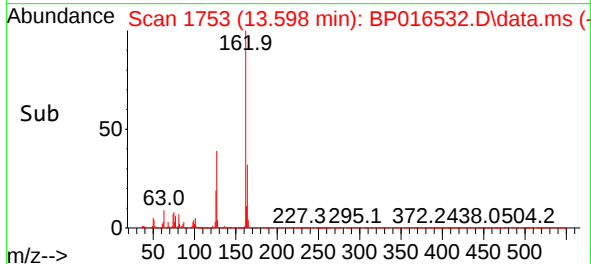
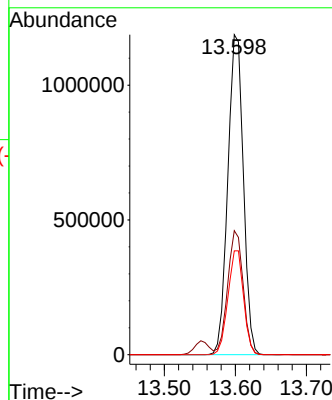
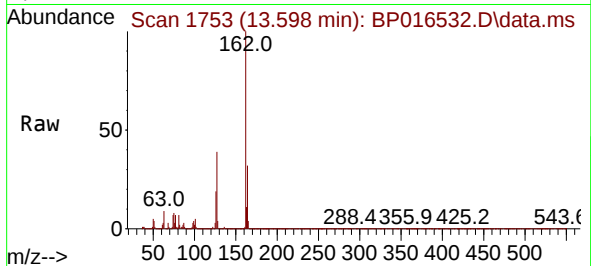




#47
2-Chloronaphthalene
Concen: 44.163 ng
RT: 13.598 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

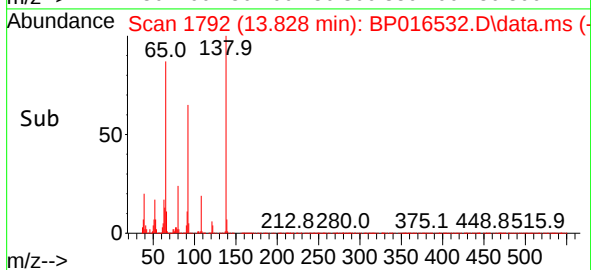
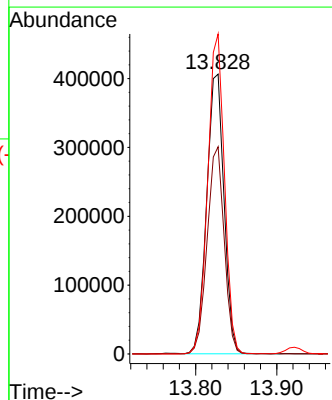
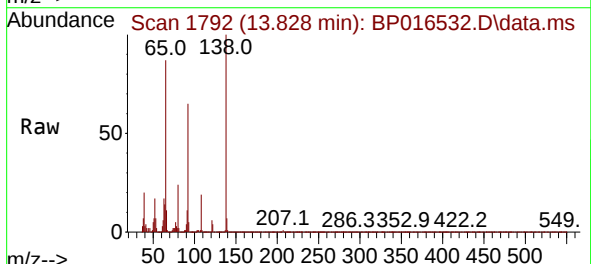
Instrument :
BNA_P
ClientSampleId :
PB154690BS

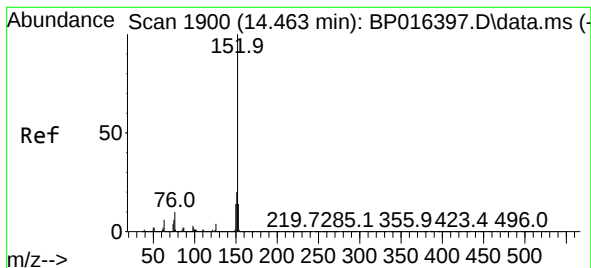
Tgt Ion:162 Resp: 1802249
Ion Ratio Lower Upper
162 100
127 38.7 30.1 45.1
164 32.4 26.6 39.8



#48
2-Nitroaniline
Concen: 52.137 ng
RT: 13.828 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 65 Resp: 599747
Ion Ratio Lower Upper
65 100
92 74.1 58.2 87.4
138 114.4 91.3 136.9





#49

Acenaphthylene

Concen: 44.789 ng

RT: 14.445 min Scan# 1897

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

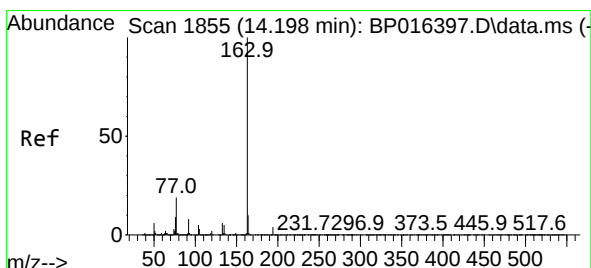
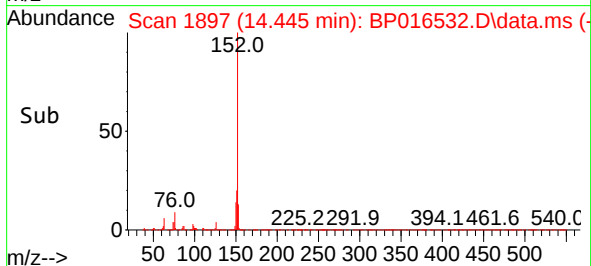
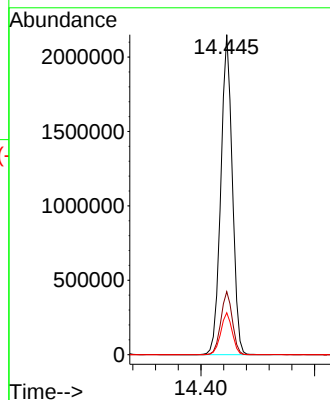
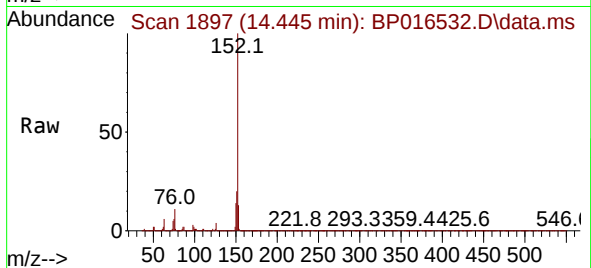
Tgt Ion:152 Resp: 3032698

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 45.220 ng

RT: 14.175 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

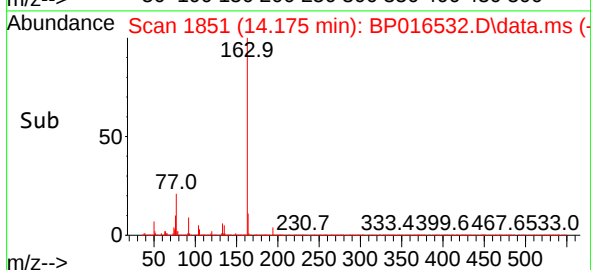
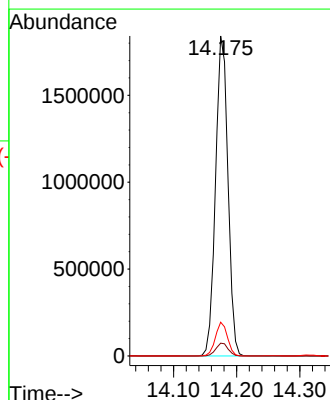
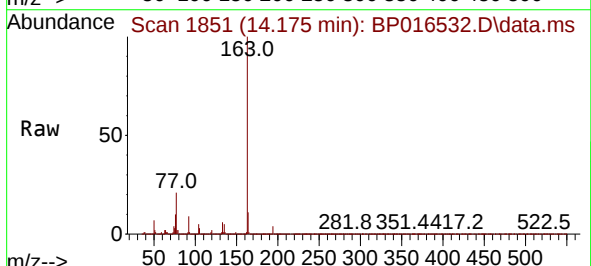
Tgt Ion:163 Resp: 2500555

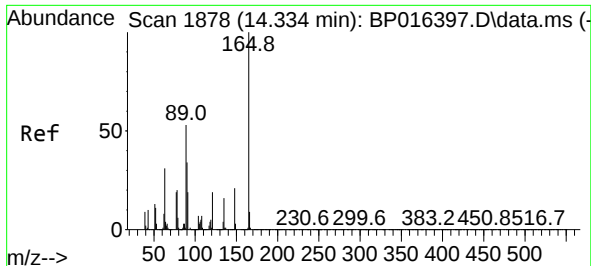
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.6 8.2 12.2

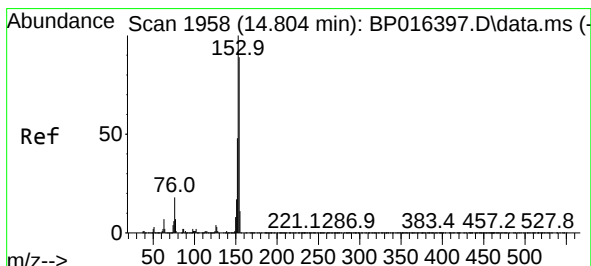
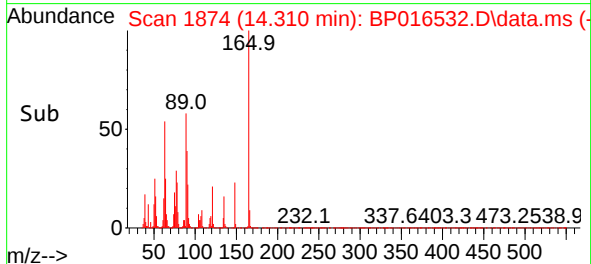
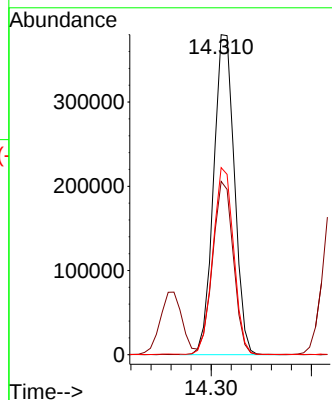
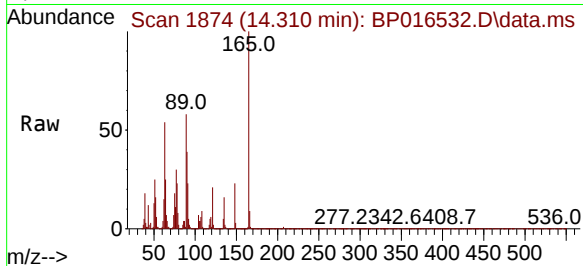




#51
2,6-Dinitrotoluene
Concen: 48.324 ng
RT: 14.310 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

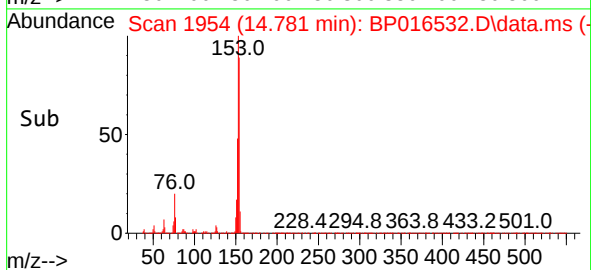
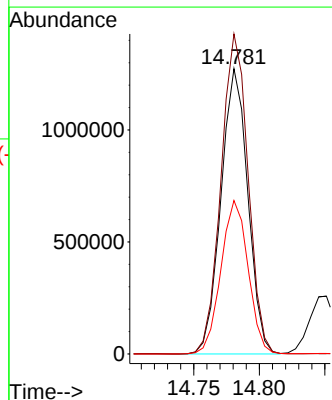
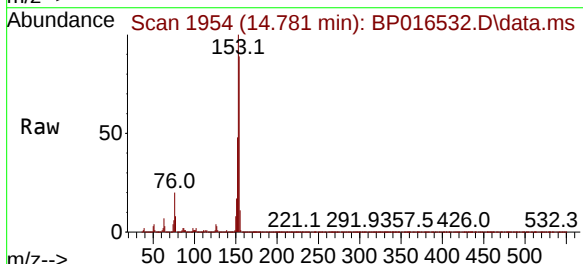
Instrument :
BNA_P
ClientSampleId :
PB154690BS

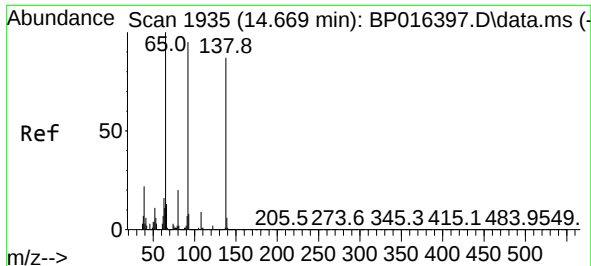
Tgt Ion:165 Resp: 547437
Ion Ratio Lower Upper
165 100
63 54.2 39.1 58.7
89 58.5 42.5 63.7



#52
Acenaphthene
Concen: 45.051 ng
RT: 14.781 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:154 Resp: 1813979
Ion Ratio Lower Upper
154 100
153 112.2 90.4 135.6
152 53.8 43.4 65.0

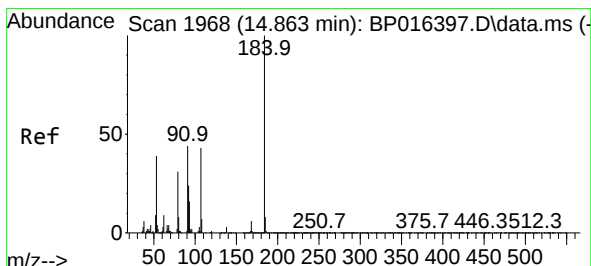
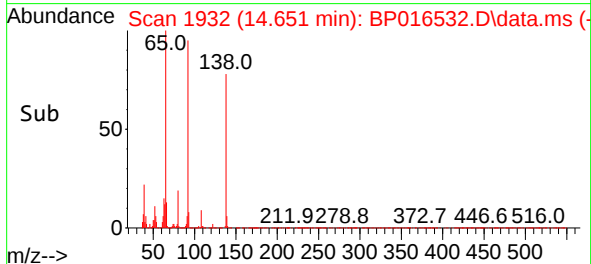
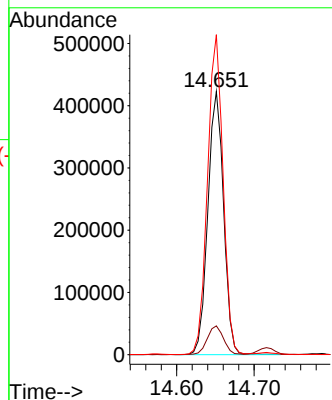
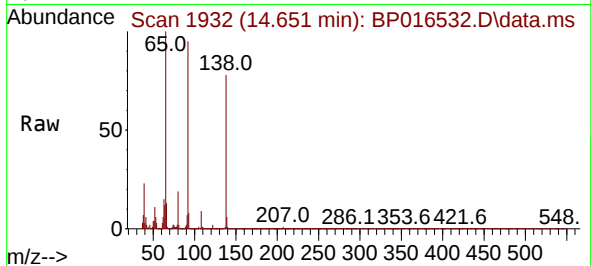




#53
3-Nitroaniline
Concen: 46.565 ng
RT: 14.651 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

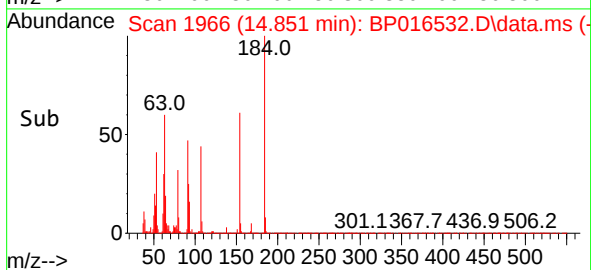
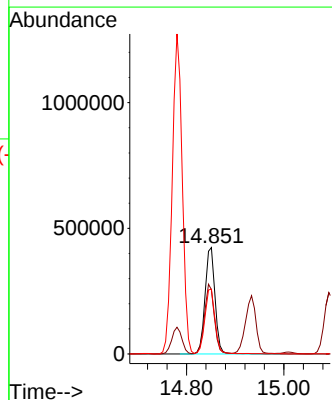
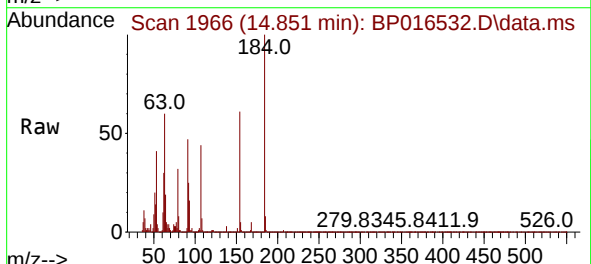
Instrument :
BNA_P
ClientSampleId :
PB154690BS

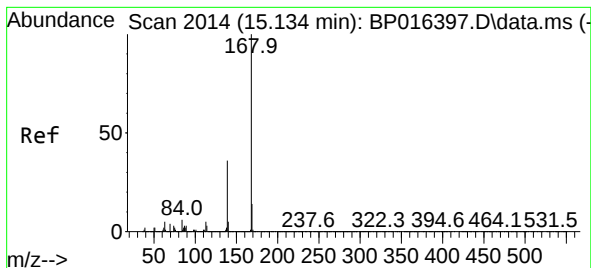
Tgt Ion:138 Resp: 596385
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 121.5 87.6 131.4



#54
2,4-Dinitrophenol
Concen: 109.958 ng
RT: 14.851 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:184 Resp: 600386
Ion Ratio Lower Upper
184 100
63 60.5 48.2 72.4
154 60.8 49.6 74.4





#55

Dibenzenofuran

Concen: 44.659 ng

RT: 15.116 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

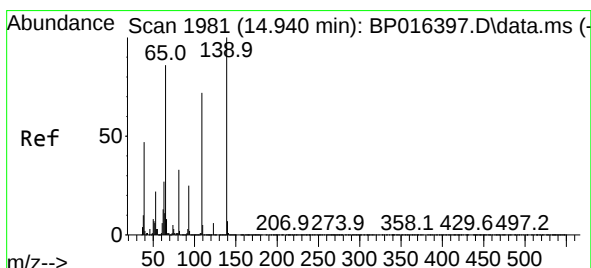
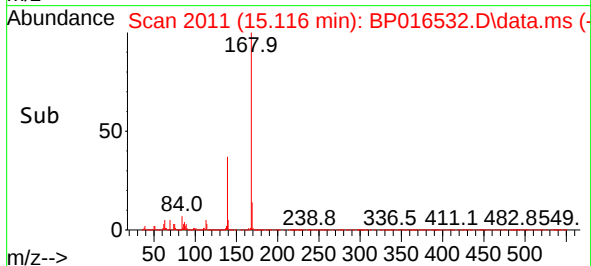
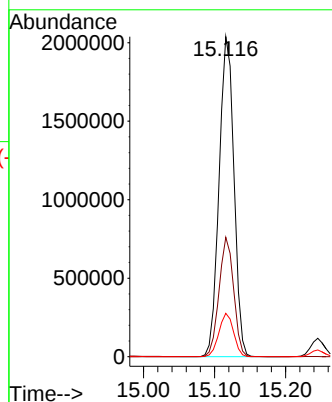
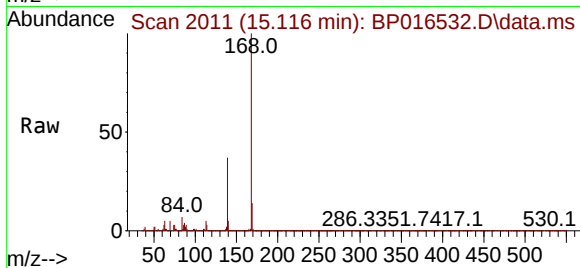
Tgt Ion:168 Resp: 2949147

Ion Ratio Lower Upper

168 100

139 37.3 28.9 43.3

169 13.5 11.0 16.4



#56

4-Nitrophenol

Concen: 126.201 ng

RT: 14.934 min Scan# 1980

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

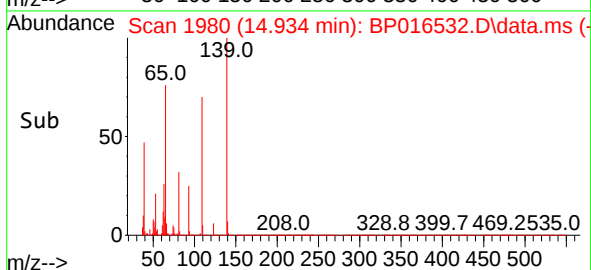
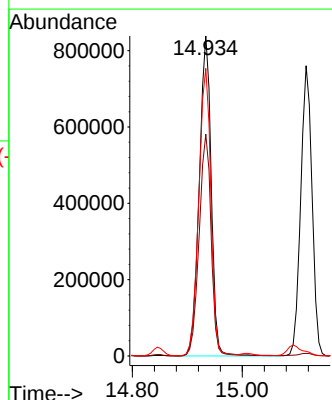
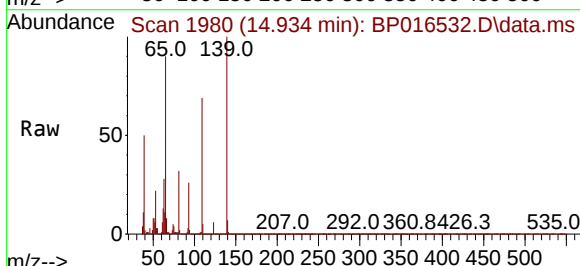
Tgt Ion:139 Resp: 1265235

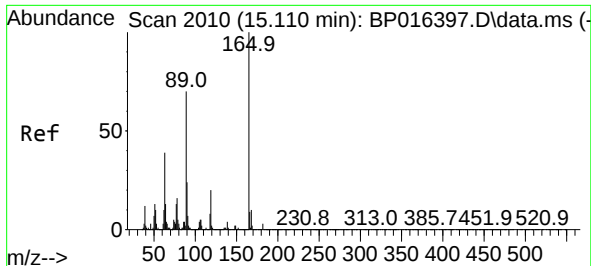
Ion Ratio Lower Upper

139 100

109 69.3 51.9 91.9

65 89.9 66.2 106.2

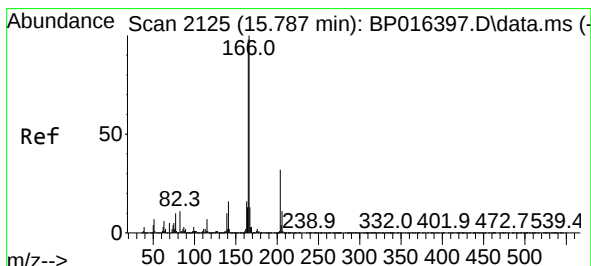
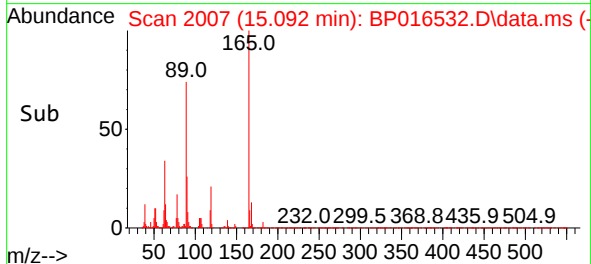
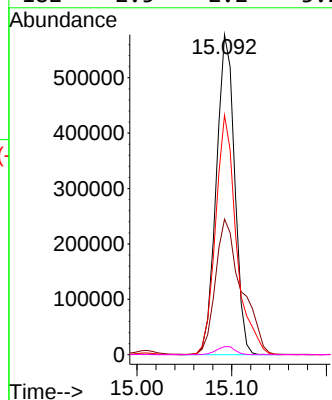
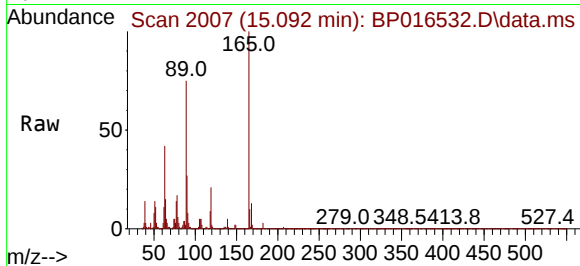




#57
2,4-Dinitrotoluene
Concen: 52.672 ng
RT: 15.092 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

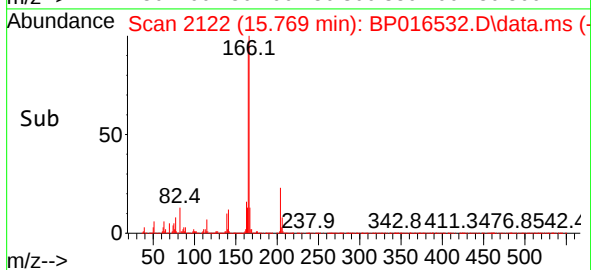
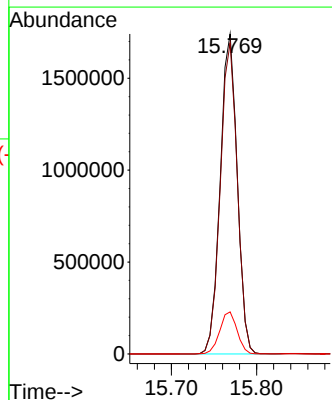
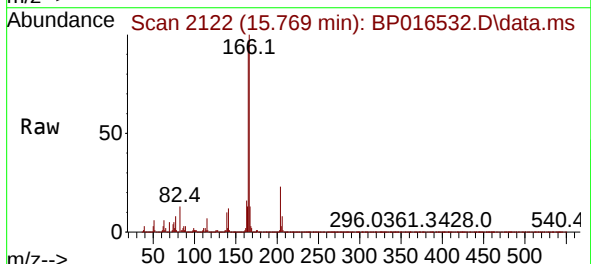
Instrument :
BNA_P
ClientSampleId :
PB154690BS

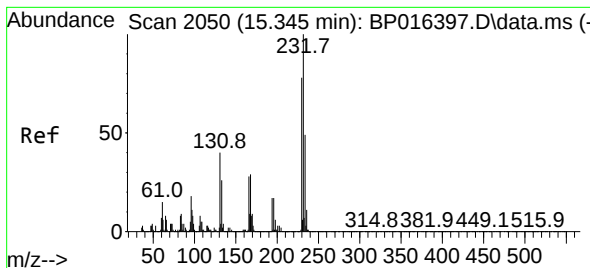
Tgt Ion:165 Resp: 777636
Ion Ratio Lower Upper
165 100
63 42.4 31.4 47.0
89 74.9 55.8 83.6
182 2.5 2.2 3.2



#58
Fluorene
Concen: 46.375 ng
RT: 15.769 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:166 Resp: 2405969
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.2 10.6 16.0

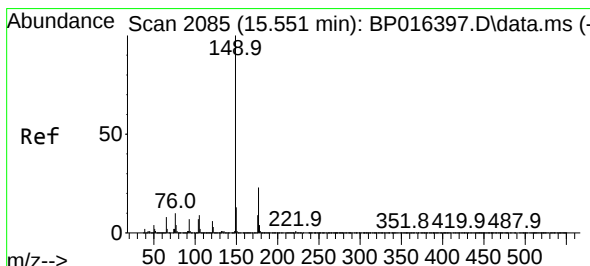
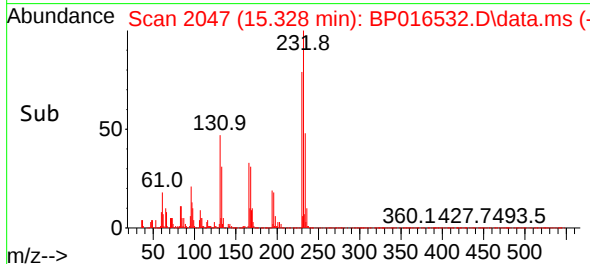
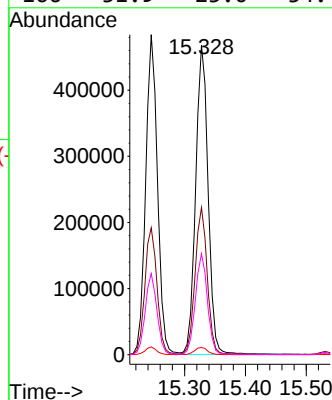
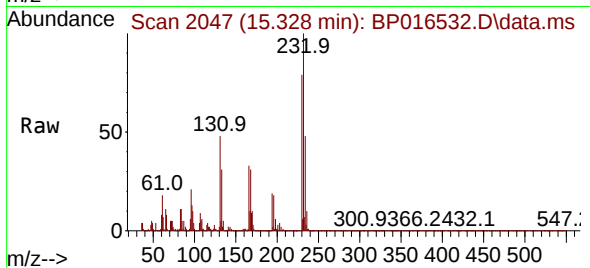




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.049 ng
RT: 15.328 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

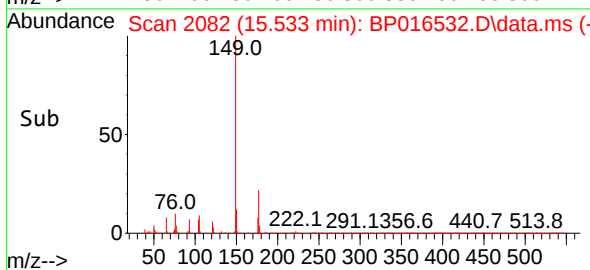
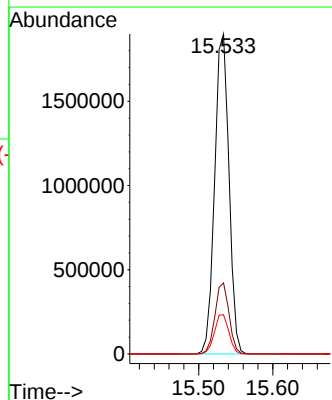
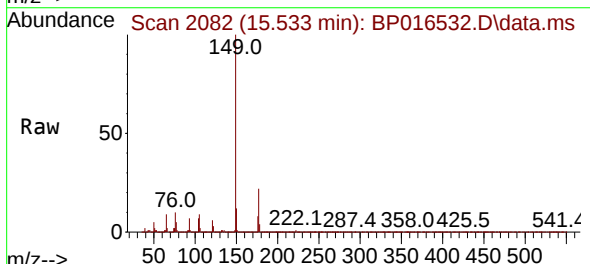
Instrument :
BNA_P
ClientSampleId :
PB154690BS

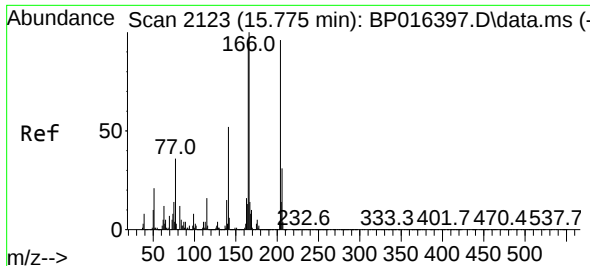
Tgt Ion:232 Resp: 663512
Ion Ratio Lower Upper
232 100
131 46.6 33.1 49.7
130 2.5 1.8 2.8
166 31.9 23.0 34.4



#60
Diethylphthalate
Concen: 46.241 ng
RT: 15.533 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:149 Resp: 2541103
Ion Ratio Lower Upper
149 100
177 22.2 18.6 27.8
150 12.2 10.1 15.1

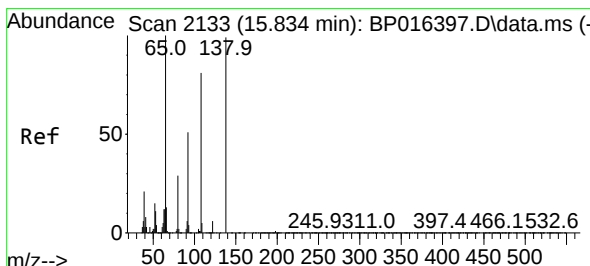
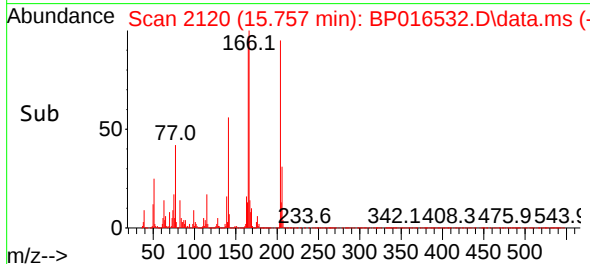
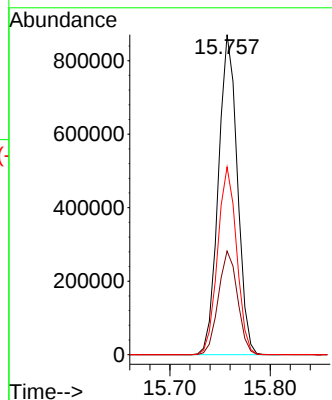
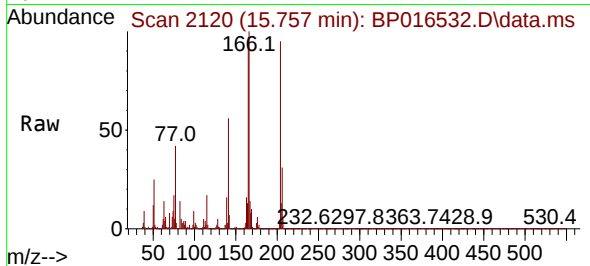




#61
4-Chlorophenyl-phenylether
Concen: 43.530 ng
RT: 15.757 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

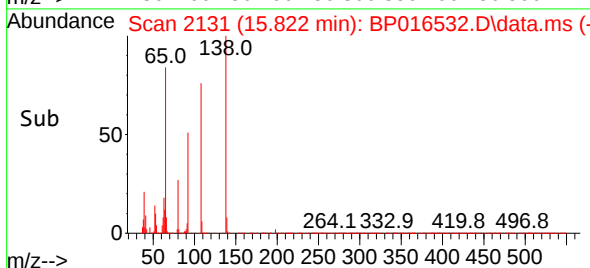
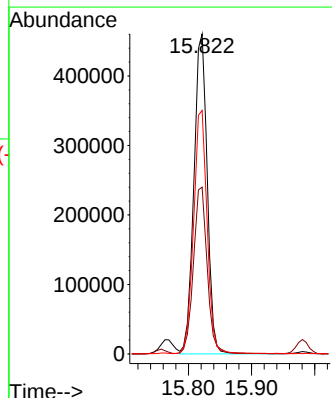
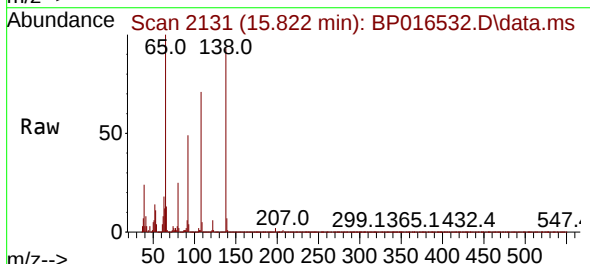
Instrument :
BNA_P
ClientSampleId :
PB154690BS

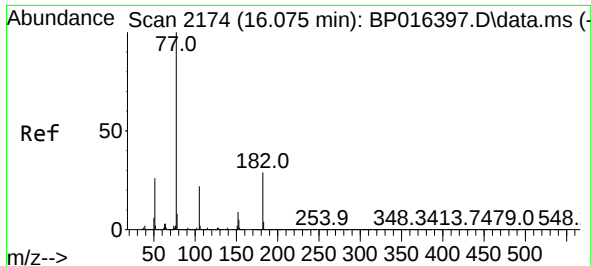
Tgt Ion:204 Resp: 1139613
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 58.7 43.4 65.0



#62
4-Nitroaniline
Concen: 52.925 ng
RT: 15.822 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:138 Resp: 672685
Ion Ratio Lower Upper
138 100
92 52.2 30.3 70.3
108 76.1 60.1 100.1



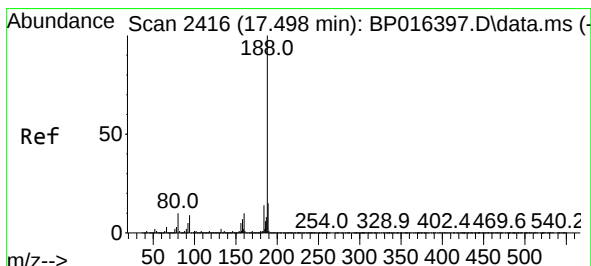
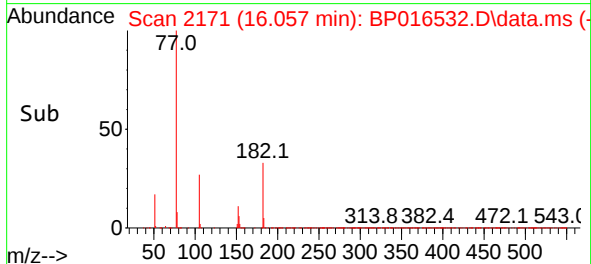
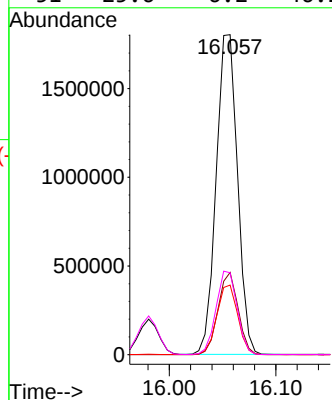
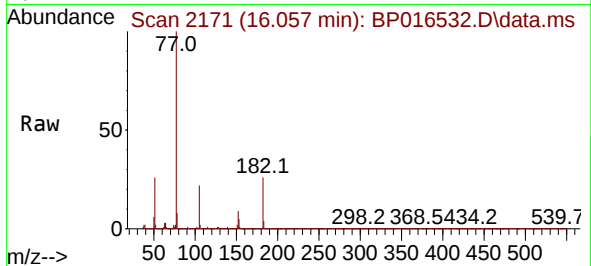


#63
Azobenzene
Concen: 48.205 ng
RT: 16.057 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Instrument :
BNA_P
ClientSampleId :
PB154690BS

Tgt Ion: 77 Resp: 2501298

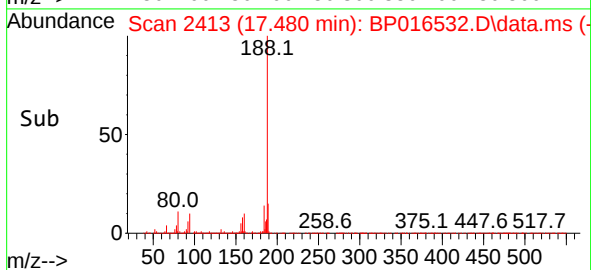
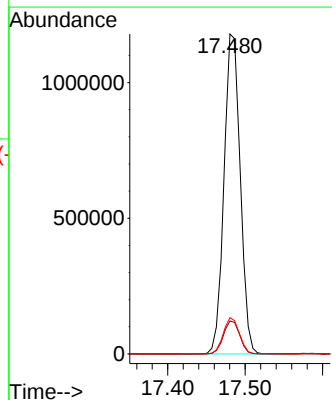
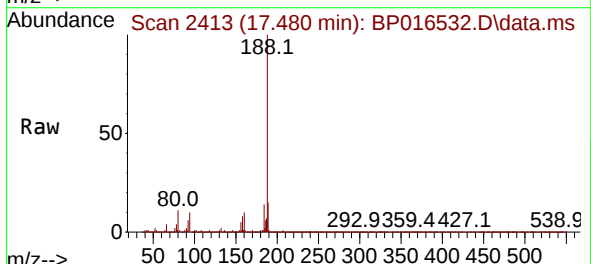
Ion	Ratio	Lower	Upper
77	100		
182	25.7	8.6	48.6
105	21.7	2.4	42.4
51	25.6	6.2	46.2

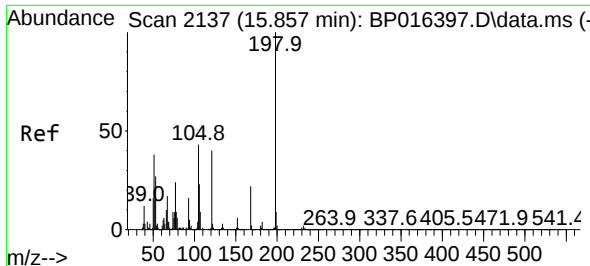


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion: 188 Resp: 1719841

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.4	11.0
80	11.3	7.8	11.8

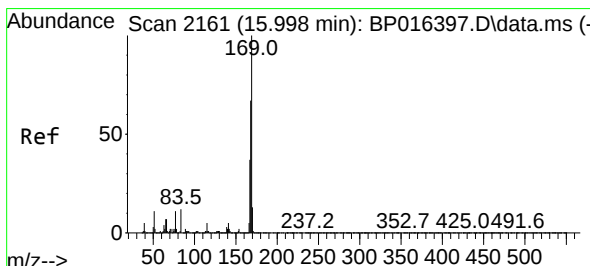
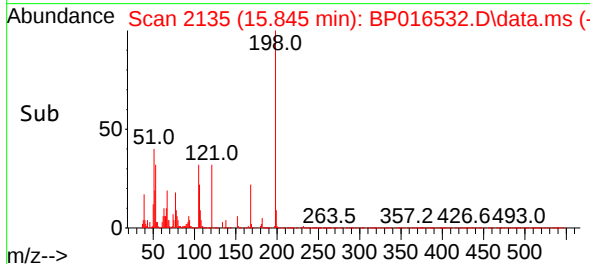
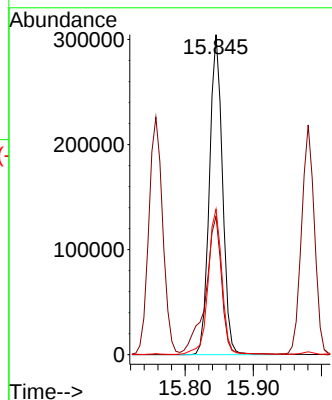
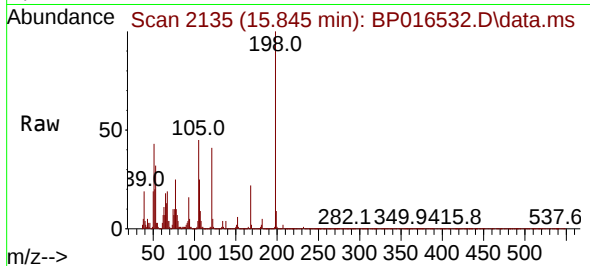




#65
4,6-Dinitro-2-methylphenol
Concen: 50.086 ng
RT: 15.845 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

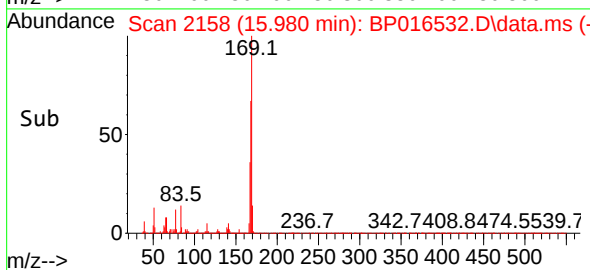
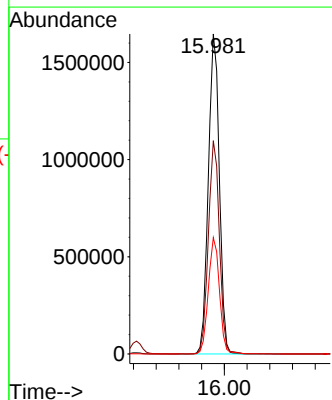
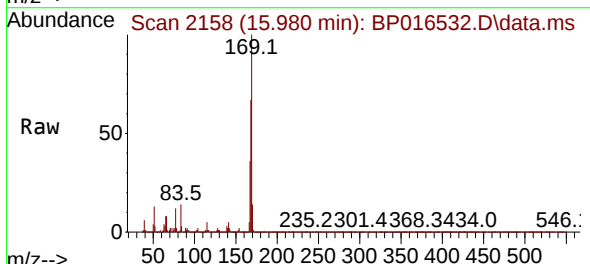
Instrument :
BNA_P
ClientSampleId :
PB154690BS

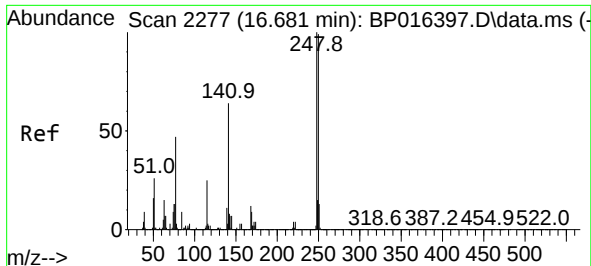
Tgt Ion:198 Resp: 405878
Ion Ratio Lower Upper
198 100
51 43.2 20.1 60.1
105 45.5 23.1 63.1



#66
n-Nitrosodiphenylamine
Concen: 43.374 ng
RT: 15.980 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:169 Resp: 2198402
Ion Ratio Lower Upper
169 100
168 66.7 53.6 80.4
167 36.3 29.2 43.8

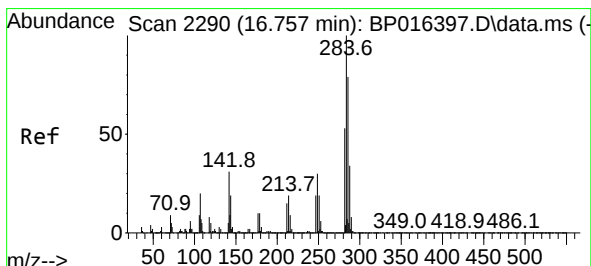
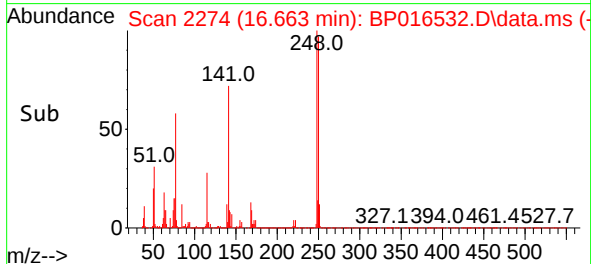
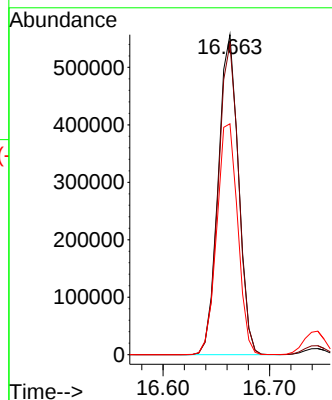
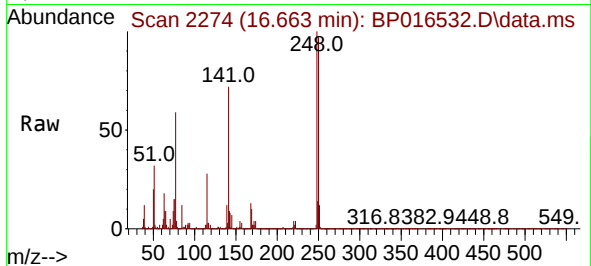




#67
4-Bromophenyl-phenylether
Concen: 40.307 ng
RT: 16.663 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

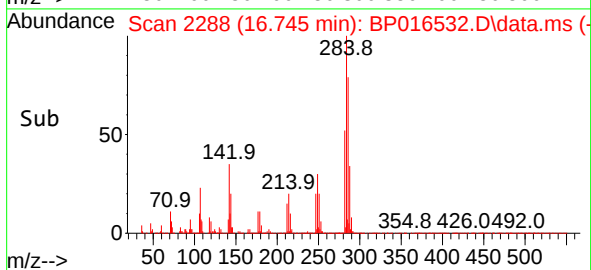
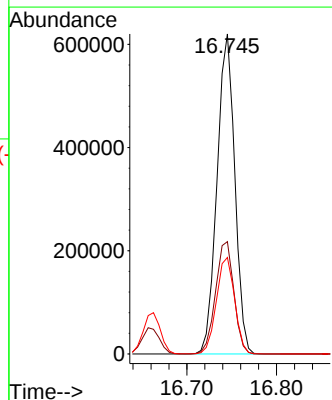
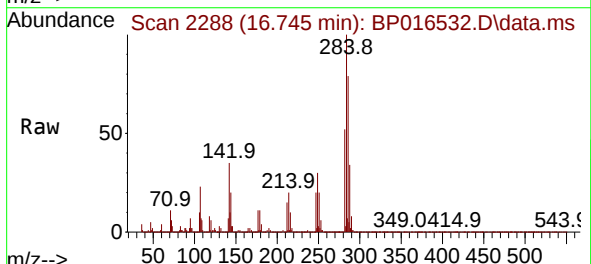
Instrument :
BNA_P
ClientSampleId :
PB154690BS

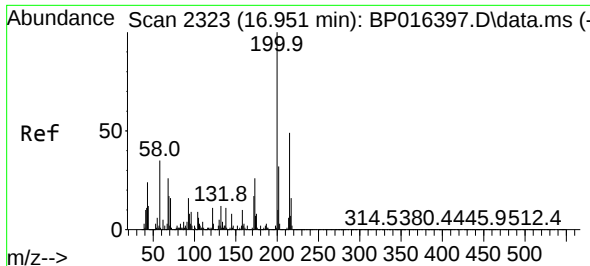
Tgt Ion:248 Resp: 734031
Ion Ratio Lower Upper
248 100
250 97.2 78.9 118.3
141 72.2 51.0 76.4



#68
Hexachlorobenzene
Concen: 41.945 ng
RT: 16.745 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:284 Resp: 851848
Ion Ratio Lower Upper
284 100
142 35.1 25.2 37.8
249 30.1 26.0 39.0

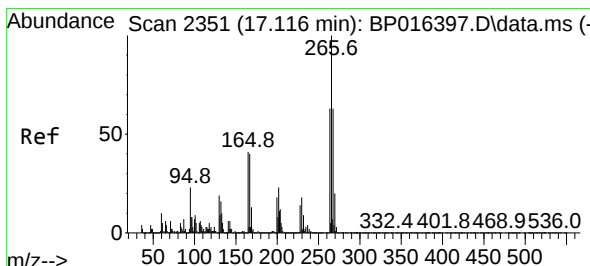
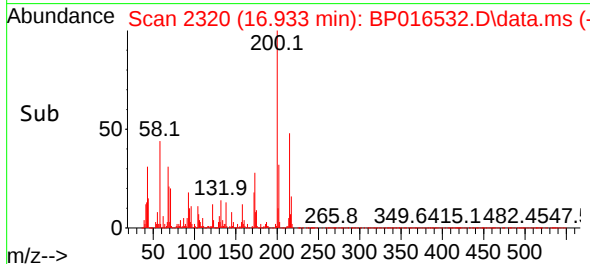
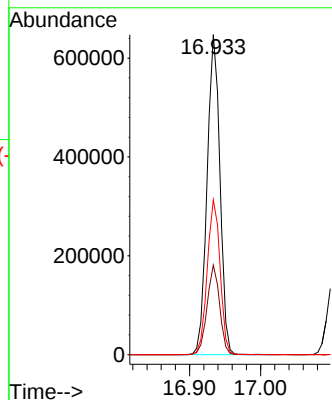
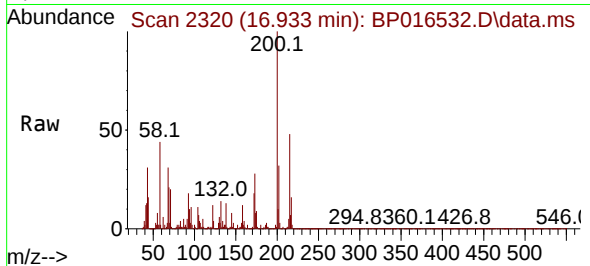




#69
Atrazine
Concen: 54.031 ng
RT: 16.933 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

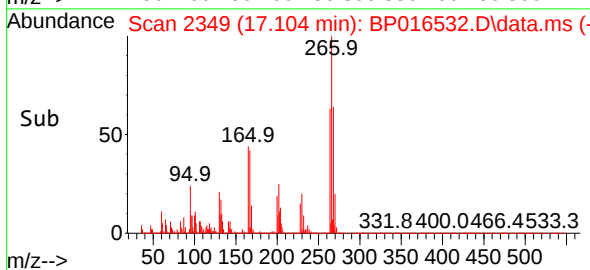
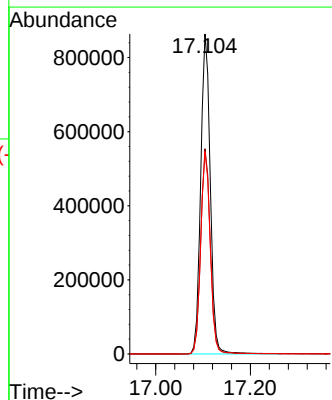
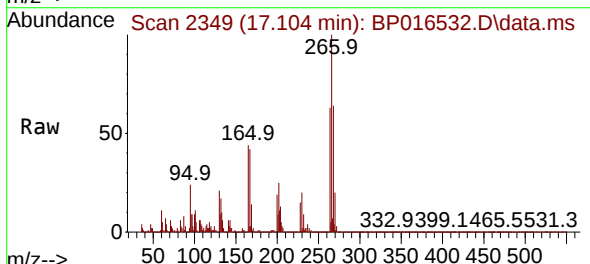
Instrument :
BNA_P
ClientSampleId :
PB154690BS

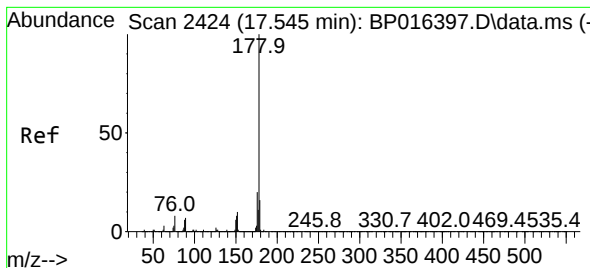
Tgt Ion:200 Resp: 814444
Ion Ratio Lower Upper
200 100
173 28.0 5.8 45.8
215 48.4 29.2 69.2



#70
Pentachlorophenol
Concen: 86.457 ng
RT: 17.104 min Scan# 2349
Delta R.T. 0.000 min
Lab File: BP016532.D
Acq: 08 Aug 2023 11:34

Tgt Ion:266 Resp: 1215061
Ion Ratio Lower Upper
266 100
268 64.1 53.9 80.9
264 63.2 54.9 82.3





#71

Phenanthrene

Concen: 45.417 ng

RT: 17.527 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

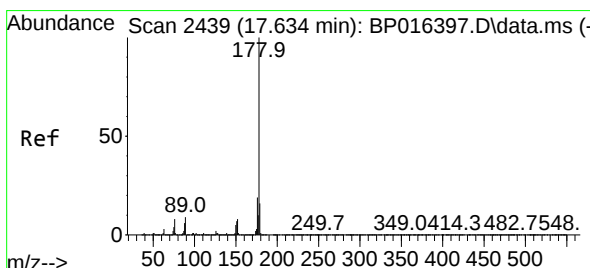
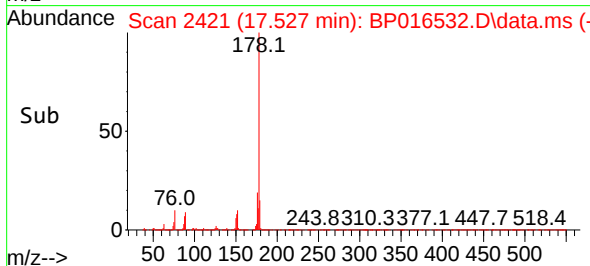
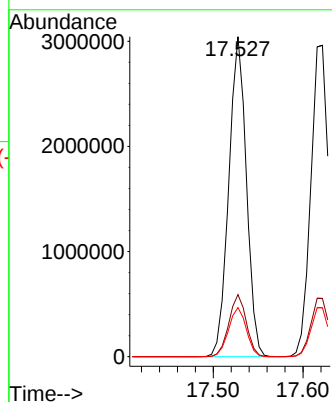
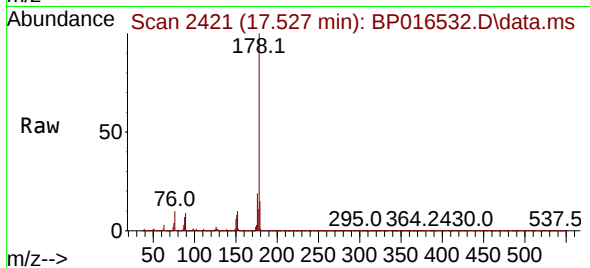
Tgt Ion:178 Resp: 4147610

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.3 12.4 18.6



#72

Anthracene

Concen: 45.738 ng

RT: 17.622 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

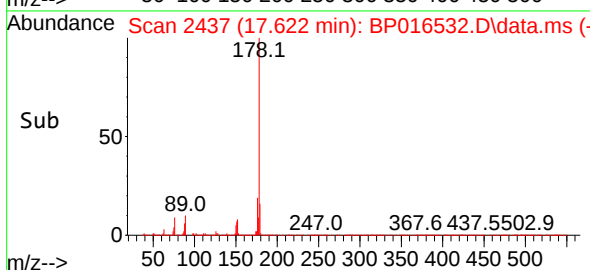
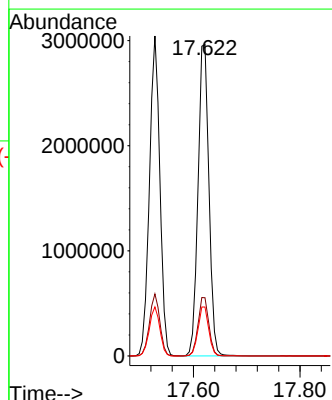
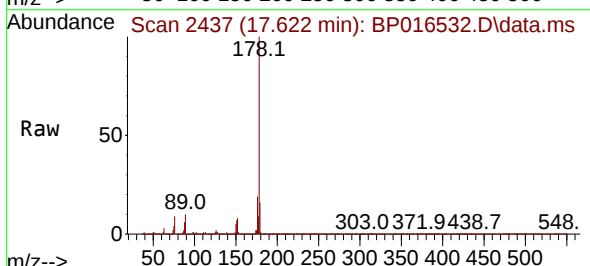
Tgt Ion:178 Resp: 4200081

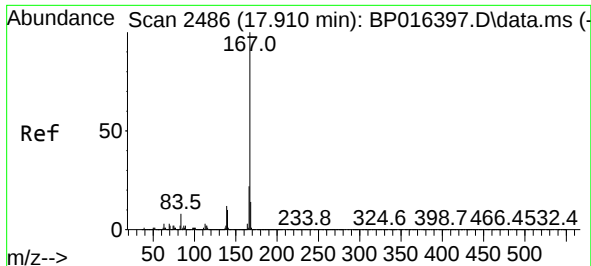
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 15.7 12.6 19.0

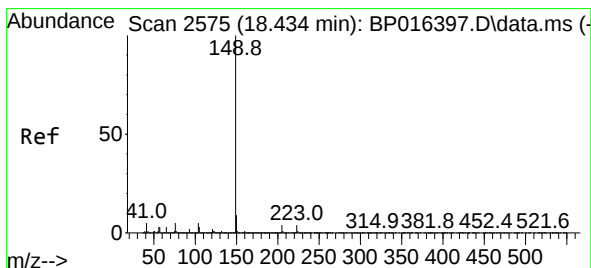
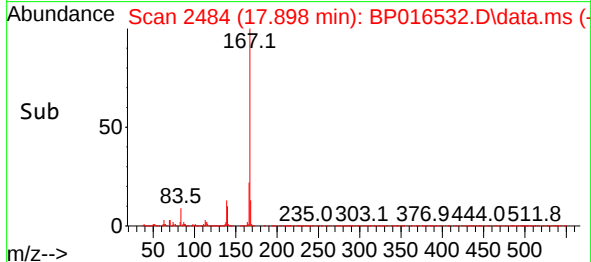
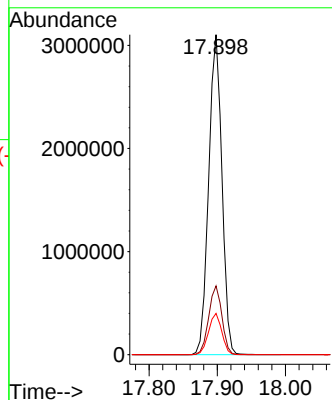
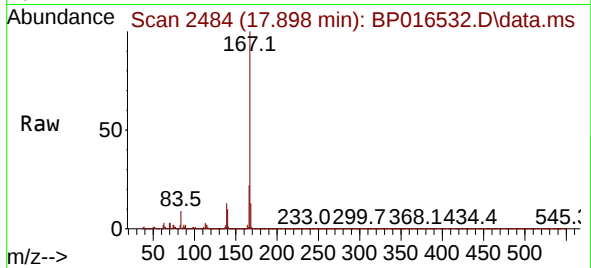




#73
 Carbazole
 Concen: 48.676 ng
 RT: 17.898 min Scan# 2486
 Delta R.T. 0.000 min
 Lab File: BP016532.D
 Acq: 08 Aug 2023 11:34

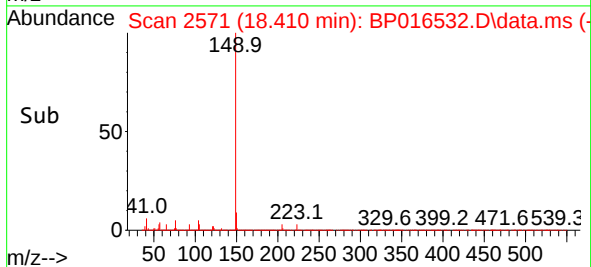
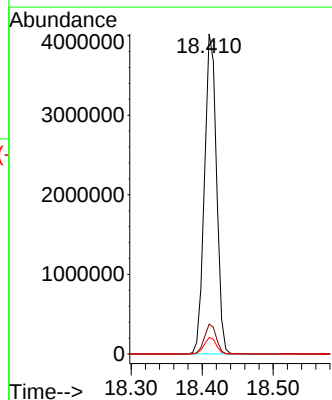
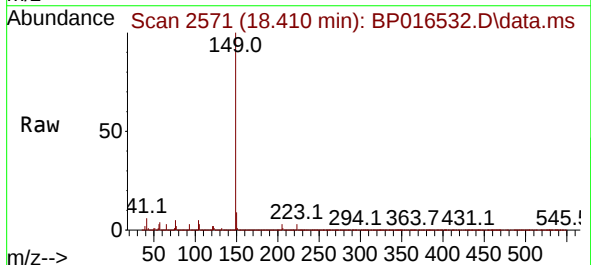
Instrument :
 BNA_P
 ClientSampleId :
 PB154690BS

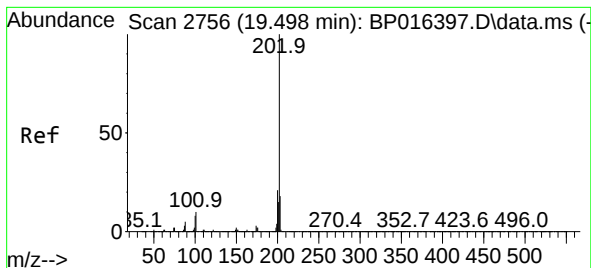
Tgt Ion:167 Resp: 4190684
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.9 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 47.670 ng
 RT: 18.410 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BP016532.D
 Acq: 08 Aug 2023 11:34

Tgt Ion:149 Resp: 4748115
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.2 3.8 5.8





#75

Fluoranthene

Concen: 47.912 ng

RT: 19.486 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

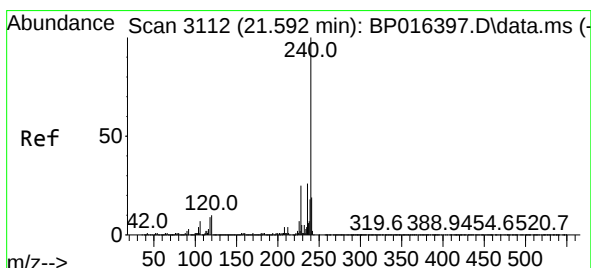
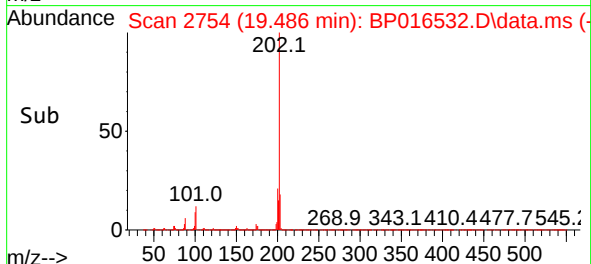
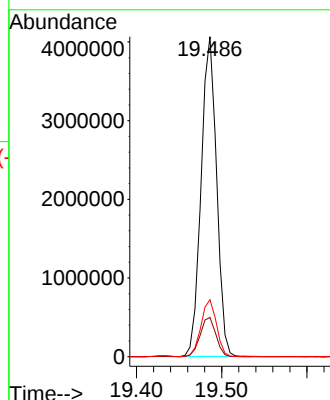
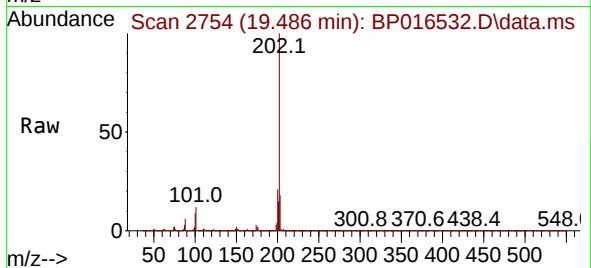
Tgt Ion:202 Resp: 5128427

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.2

203 17.8 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

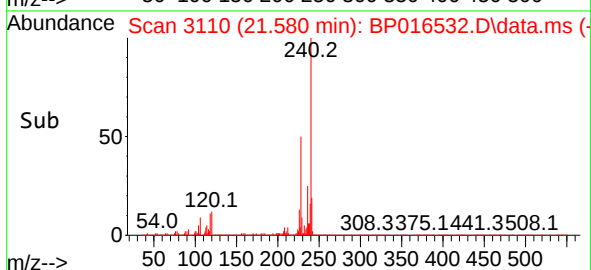
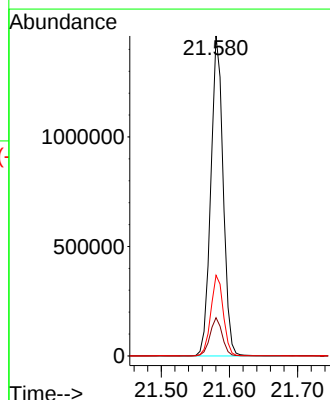
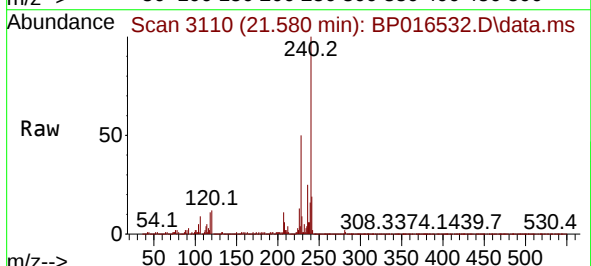
Tgt Ion:240 Resp: 1841259

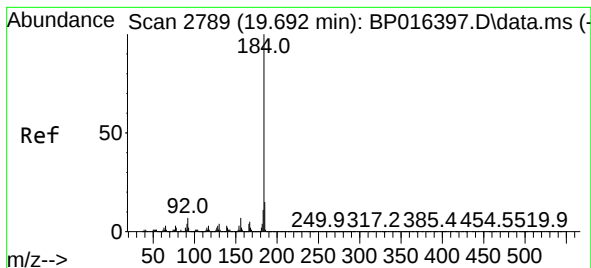
Ion Ratio Lower Upper

240 100

120 12.0 7.9 11.9#

236 25.2 21.1 31.7





#77

Benzidine

Concen: 130.742 ng

RT: 19.680 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

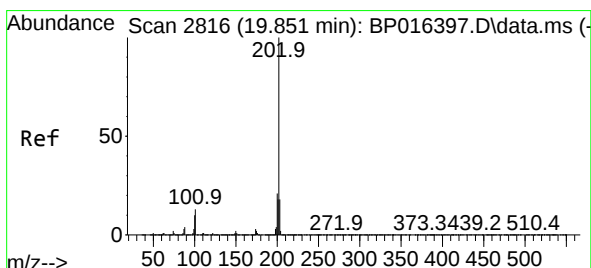
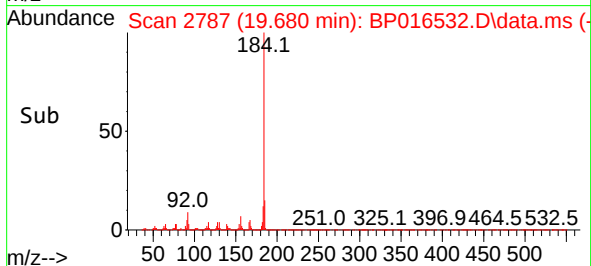
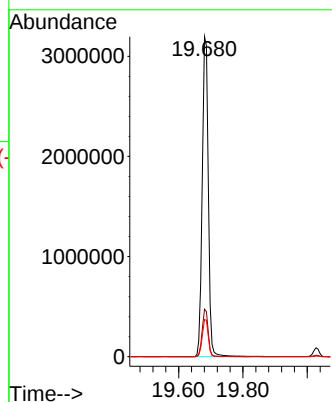
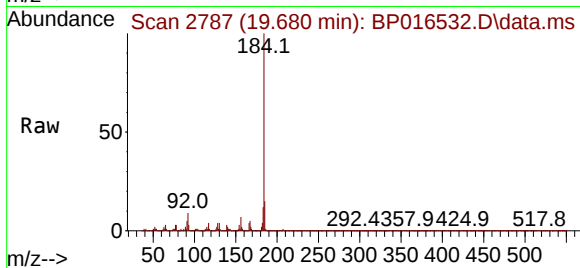
Tgt Ion:184 Resp: 4173721

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

183 11.6 9.2 13.8



#78

Pyrene

Concen: 44.059 ng

RT: 19.839 min Scan# 2814

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

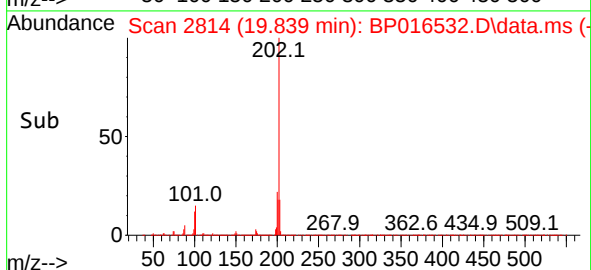
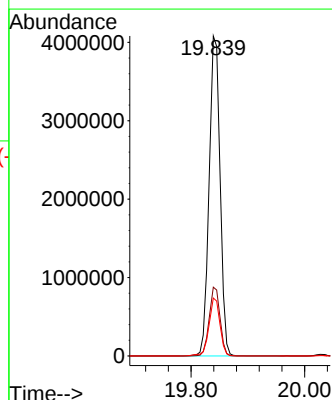
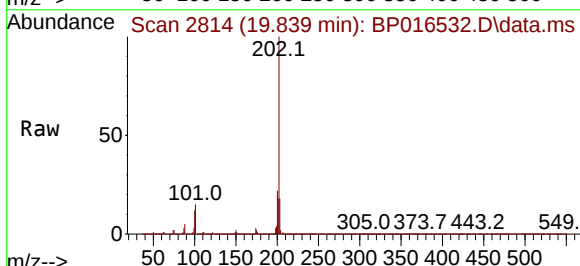
Tgt Ion:202 Resp: 5438189

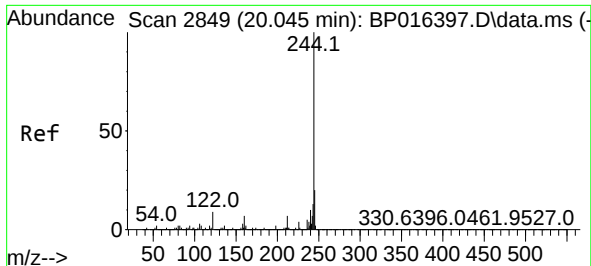
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 18.1 14.4 21.6

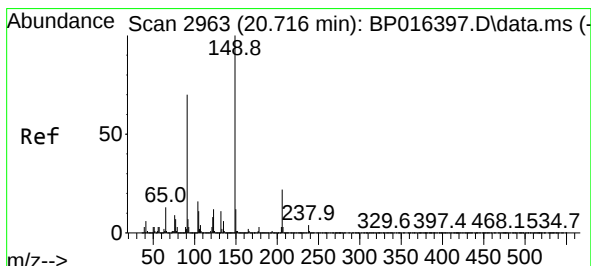
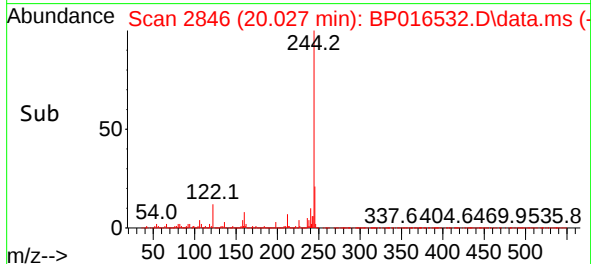
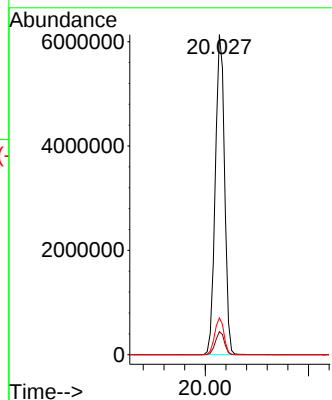
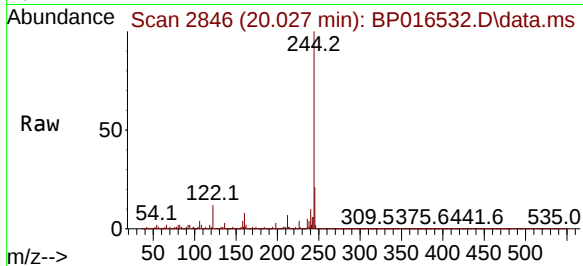




#79
 Terphenyl-d14
 Concen: 87.356 ng
 RT: 20.027 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BP016532.D
 Acq: 08 Aug 2023 11:34

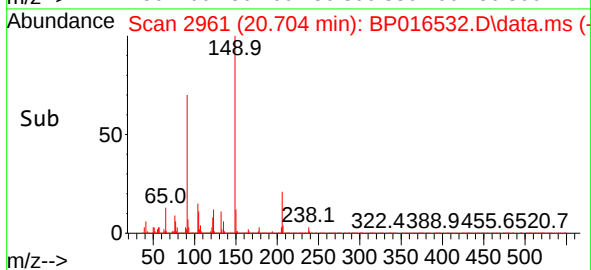
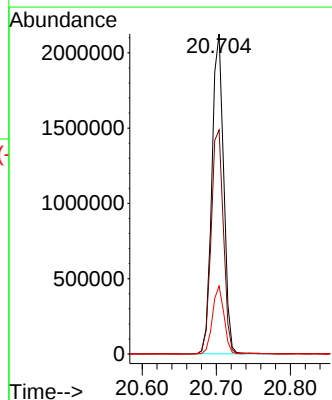
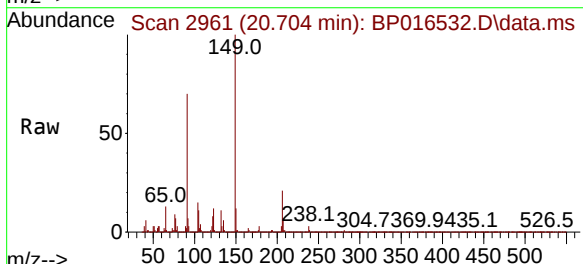
Instrument :
 BNA_P
 ClientSampleId :
 PB154690BS

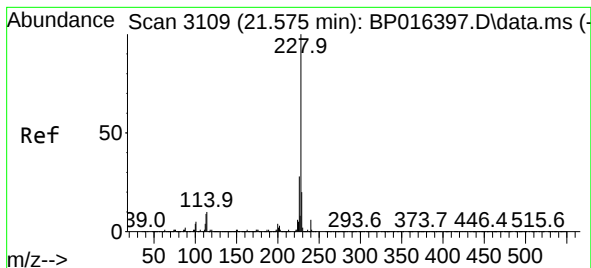
Tgt Ion:244 Resp: 7614269
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.5 7.4 11.2#



#80
 Butylbenzylphthalate
 Concen: 48.304 ng
 RT: 20.704 min Scan# 2961
 Delta R.T. 0.000 min
 Lab File: BP016532.D
 Acq: 08 Aug 2023 11:34

Tgt Ion:149 Resp: 2342282
 Ion Ratio Lower Upper
 149 100
 91 70.0 56.1 84.1
 206 21.3 17.8 26.6





#81

Benzo(a)anthracene

Concen: 45.435 ng

RT: 21.563 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

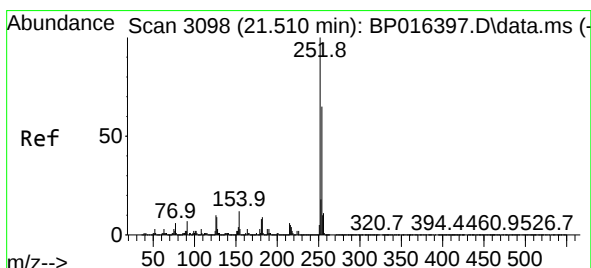
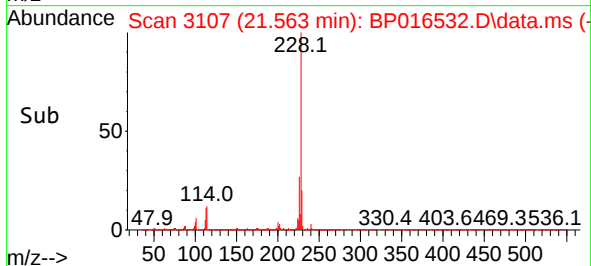
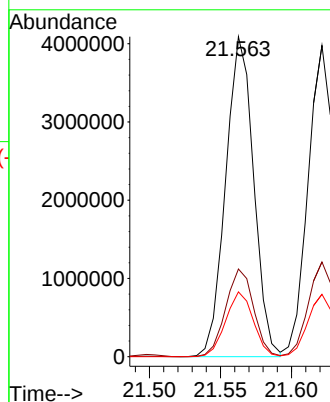
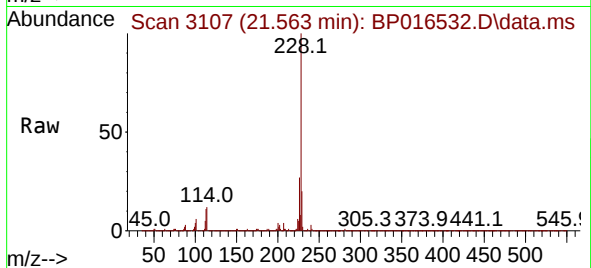
Tgt Ion:228 Resp: 5613015

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

229 20.3 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 48.512 ng

RT: 21.498 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

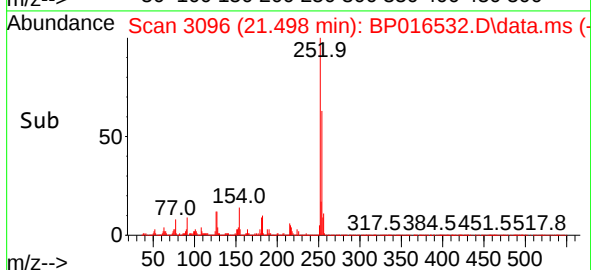
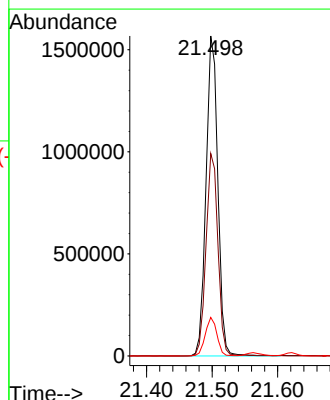
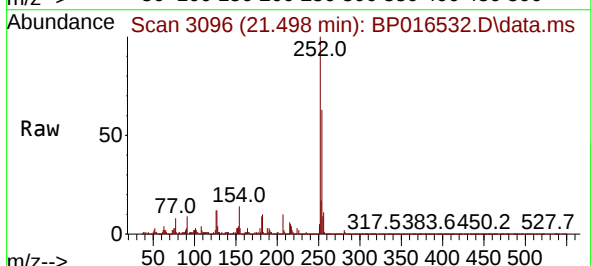
Tgt Ion:252 Resp: 1967364

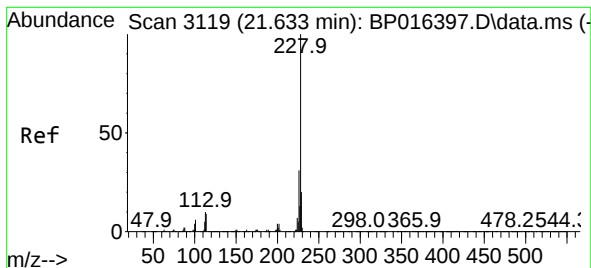
Ion Ratio Lower Upper

252 100

254 63.3 52.2 78.2

126 12.0 7.8 11.6#





#83

Chrysene

Concen: 44.165 ng

RT: 21.621 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

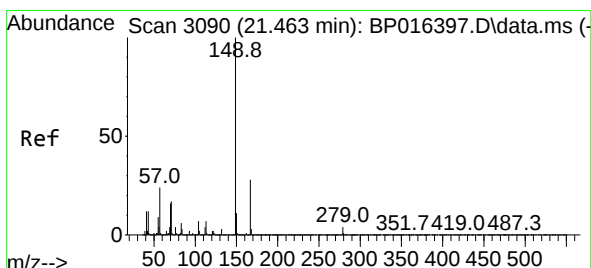
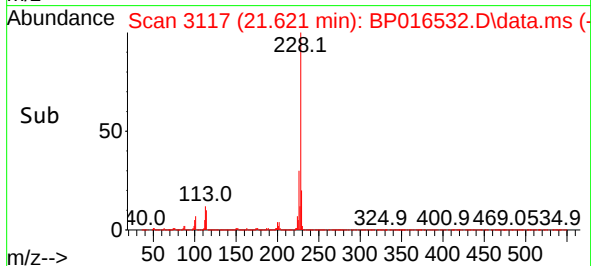
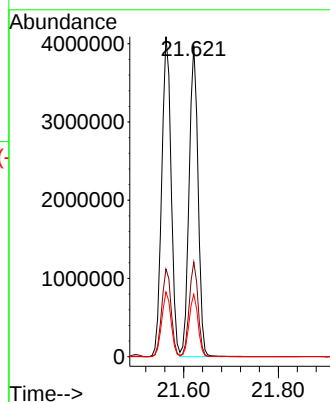
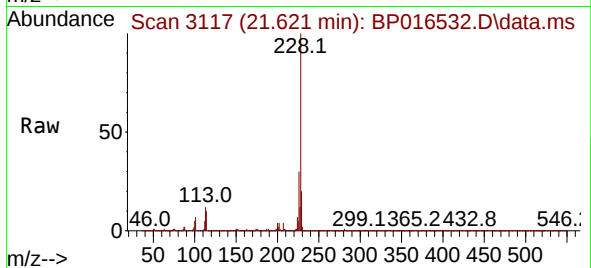
Tgt Ion:228 Resp: 5210172

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.129 ng

RT: 21.445 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

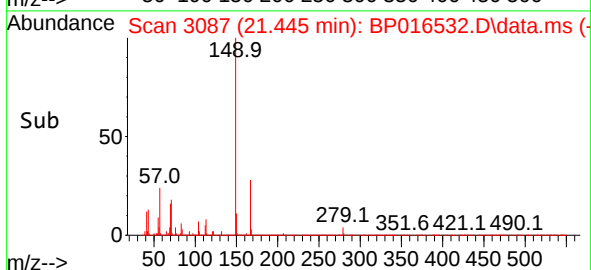
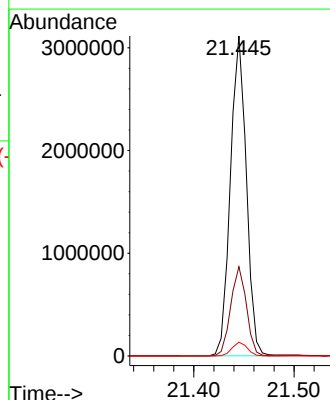
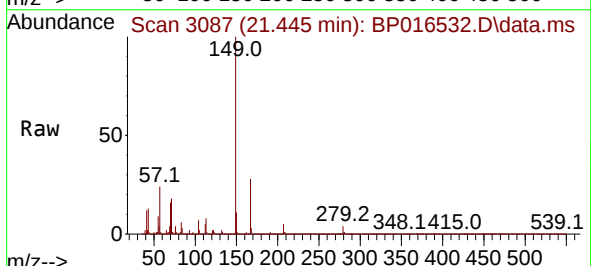
Tgt Ion:149 Resp: 3431008

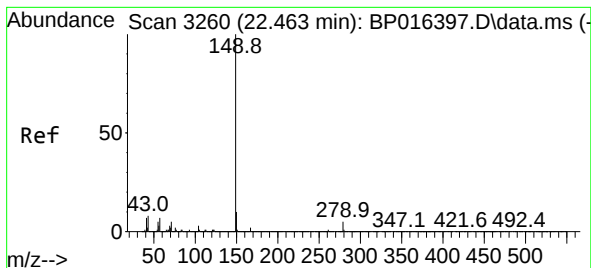
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 49.824 ng

RT: 22.433 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

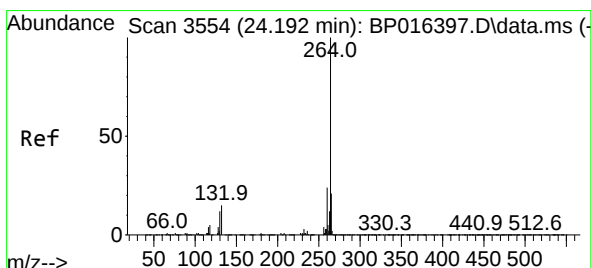
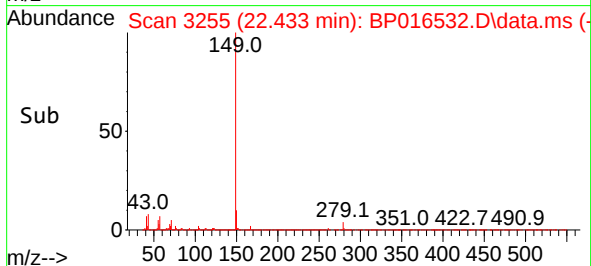
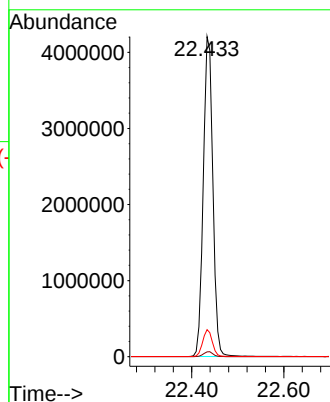
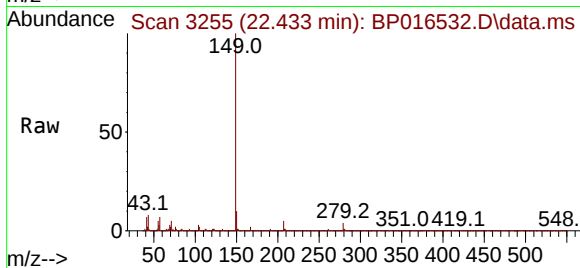
Tgt Ion:149 Resp: 6100435

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.5 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.174 min Scan# 3551

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

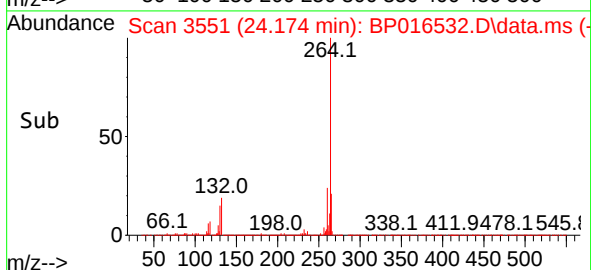
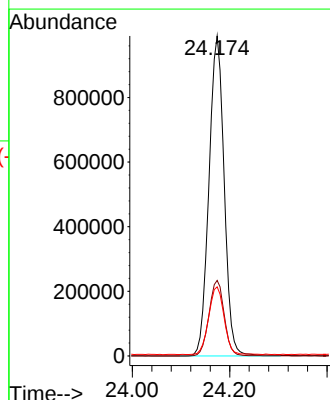
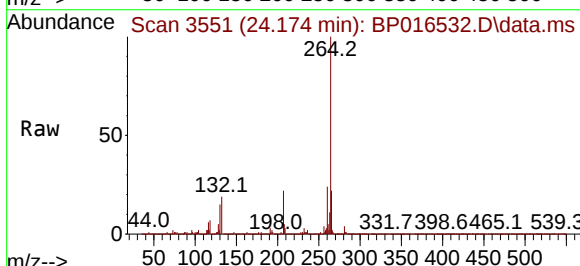
Tgt Ion:264 Resp: 2138831

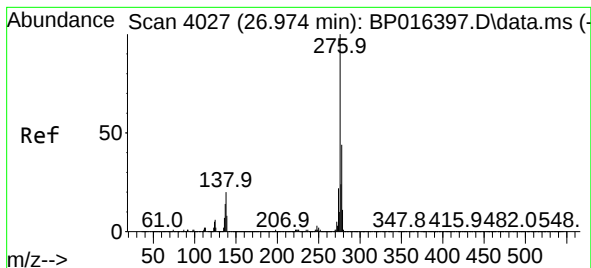
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.297 ng

RT: 26.945 min Scan# 4022

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

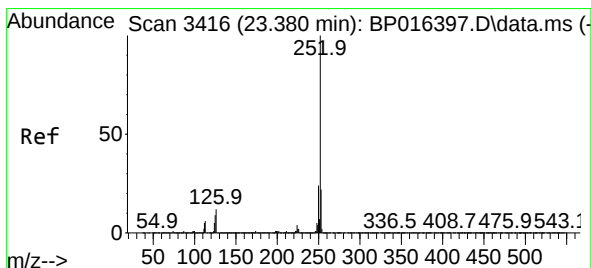
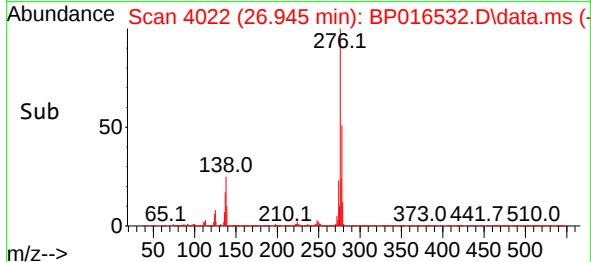
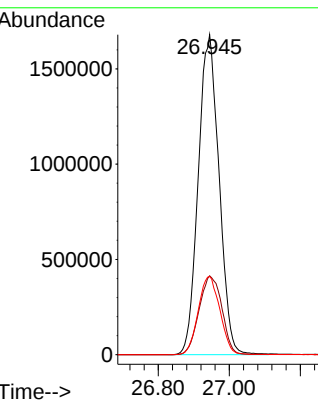
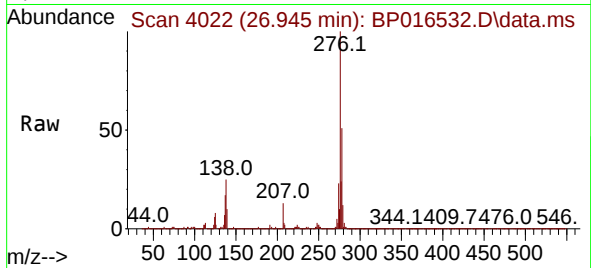
Tgt Ion:276 Resp: 6820025

Ion Ratio Lower Upper

276 100

138 27.0 18.4 27.6

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.682 ng

RT: 23.368 min Scan# 3414

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

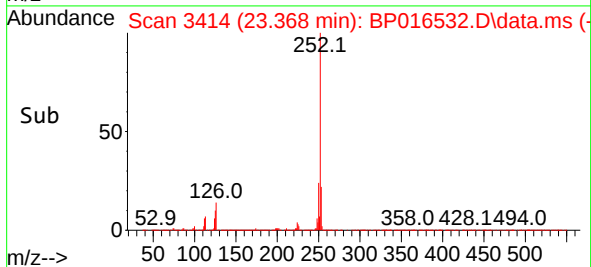
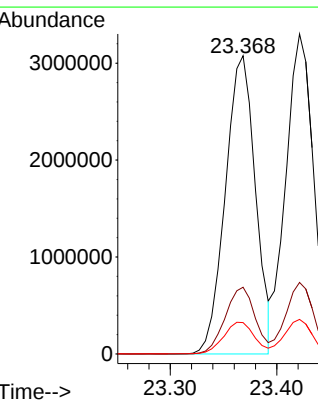
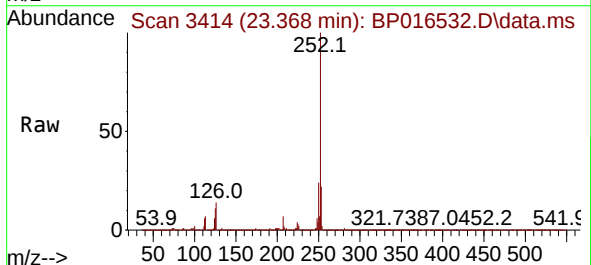
Tgt Ion:252 Resp: 6035653

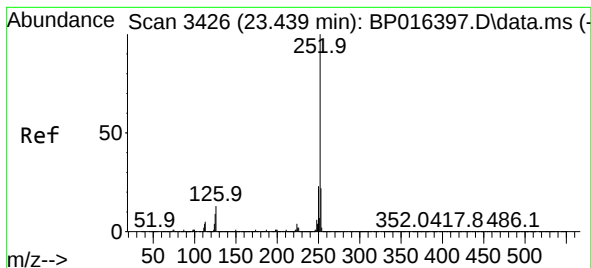
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 47.267 ng m

RT: 23.421 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

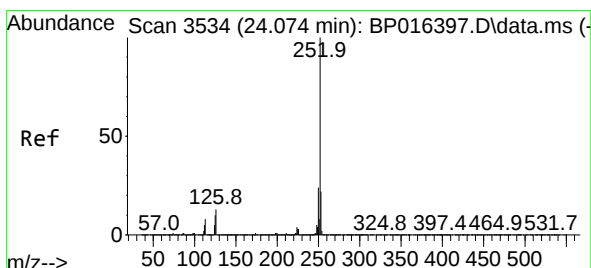
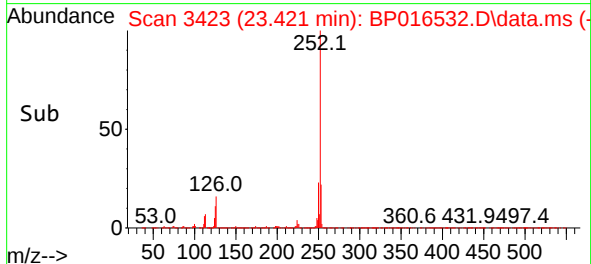
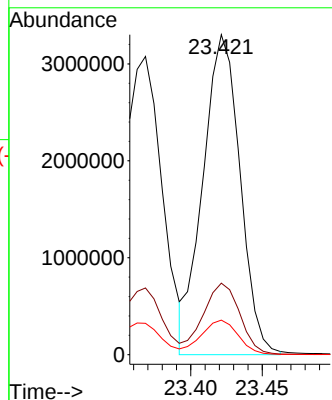
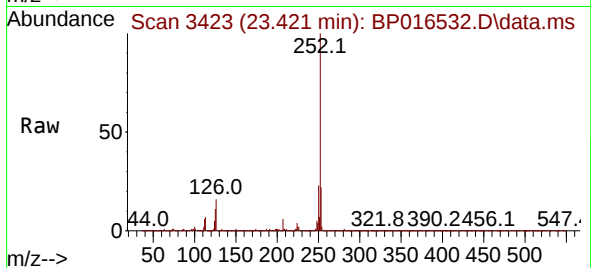
Tgt Ion:252 Resp: 5959923

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.8 7.1 10.7#



#90

Benzo(a)pyrene

Concen: 44.613 ng

RT: 24.057 min Scan# 3531

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

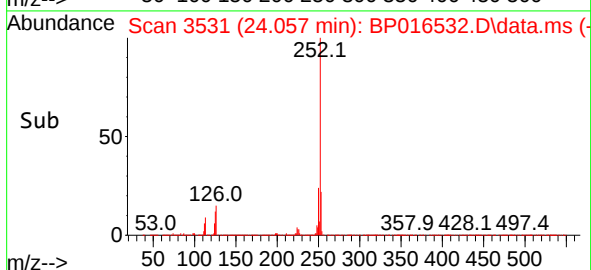
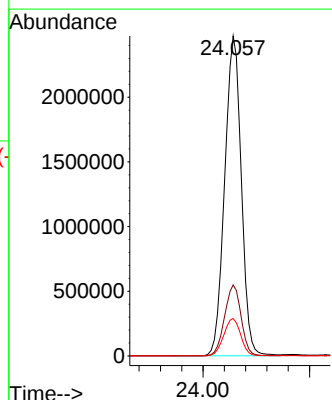
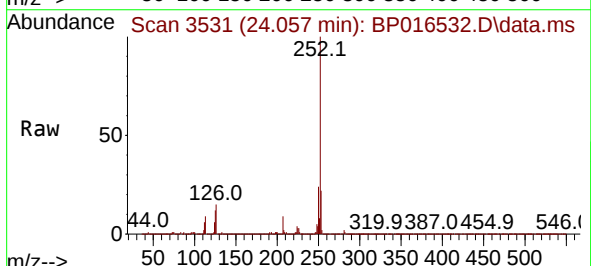
Tgt Ion:252 Resp: 5357497

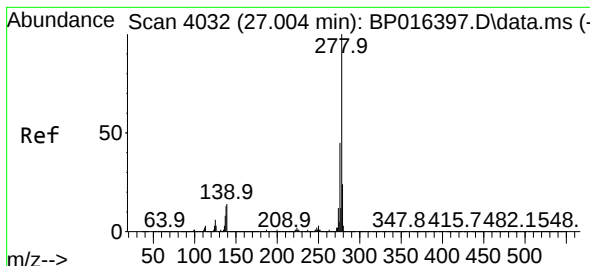
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 11.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 47.459 ng

RT: 26.974 min Scan# 4032

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Instrument :

BNA_P

ClientSampleId :

PB154690BS

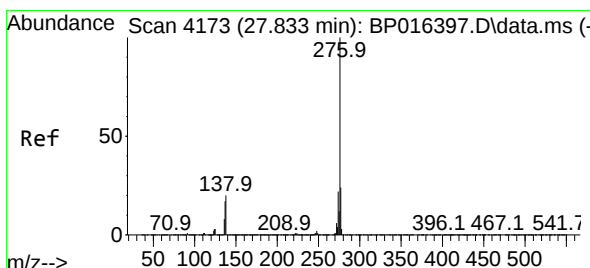
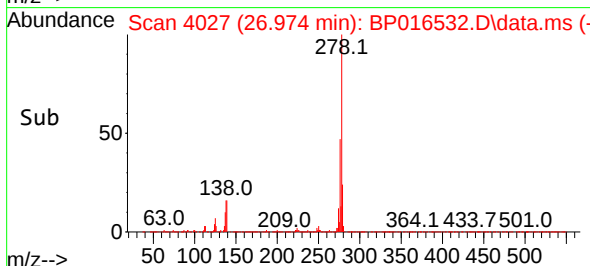
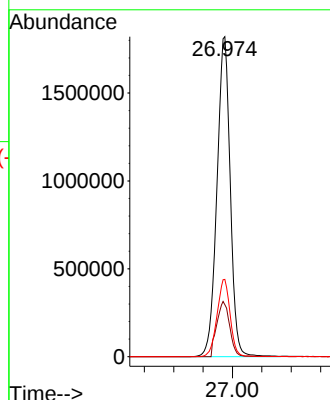
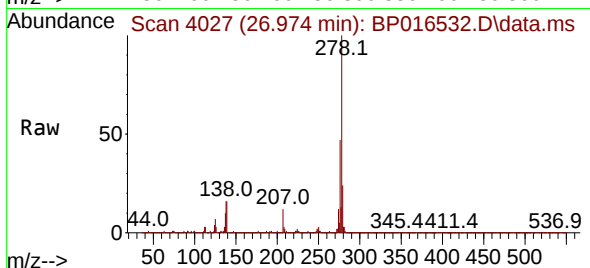
Tgt Ion:278 Resp: 5707003

Ion Ratio Lower Upper

278 100

139 16.2 11.6 17.4

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 47.619 ng

RT: 27.809 min Scan# 4169

Delta R.T. 0.000 min

Lab File: BP016532.D

Acq: 08 Aug 2023 11:34

Tgt Ion:276 Resp: 5518199

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 22.6 16.1 24.1

