

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
 Data File : BP020539.D
 Acq On : 06 Jun 2024 12:57
 Operator : MA/JU
 Sample : PB161260BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161260BS

Quant Time: Jun 06 13:53:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	384585	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1411599	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	751735	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1421156	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1272675	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1482068	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3171565	147.654	ng	0.00
7) Phenol-d6	6.946	99	3890988	128.450	ng	0.01
23) Nitrobenzene-d5	8.910	82	2355680	91.350	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1304582	167.221	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	4891124	96.993	ng	0.00
79) Terphenyl-d14	19.922	244	6285659	82.220	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	322223	37.126	ng	95
3) Pyridine	3.717	79	746193	30.579	ng	94
4) n-Nitrosodimethylamine	3.634	42	494931	41.757	ng	93
6) Aniline	7.099	93	545936	17.786	ng	98
8) 2-Chlorophenol	7.340	128	1176413	48.857	ng	97
10) Phenol	6.969	94	1402543	45.202	ng	98
11) bis(2-Chloroethyl)ether	7.199	93	1104107	43.148	ng	97
12) 1,3-Dichlorobenzene	7.652	146	1293471	45.594	ng	100
13) 1,4-Dichlorobenzene	7.799	146	1325267	45.962	ng	98
14) 1,2-Dichlorobenzene	8.110	146	1259656	45.267	ng	98
15) Benzyl Alcohol	8.005	79	999958	44.690	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1510518	39.539	ng	97
17) 2-Methylphenol	8.193	107	930061	44.170	ng	99
18) Hexachloroethane	8.828	117	477987	45.398	ng	95
19) n-Nitroso-di-n-propyla...	8.563	70	796317	38.508	ng	97
20) 3+4-Methylphenols	8.522	107	1218386	42.542	ng	99
22) Acetophenone	8.575	105	1621580	46.279	ng	# 98
24) Nitrobenzene	8.952	77	1198513	45.795	ng	99
25) Isophorone	9.475	82	2142096	42.754	ng	98
26) 2-Nitrophenol	9.646	139	572782	54.748	ng	99
27) 2,4-Dimethylphenol	9.710	122	813771	53.762	ng	99
28) bis(2-Chloroethoxy)met...	9.952	93	1319797	42.857	ng	100
29) 2,4-Dichlorophenol	10.187	162	991475	48.824	ng	97
30) 1,2,4-Trichlorobenzene	10.387	180	1153965	47.867	ng	98
31) Naphthalene	10.581	128	3332478	46.180	ng	99
32) Benzoic acid	9.863	122	695633	48.321	ng	99
33) 4-Chloroaniline	10.687	127	536371	19.214	ng	98
34) Hexachlorobutadiene	10.857	225	742275	48.878	ng	99
35) Caprolactam	11.481	113	172257	23.147	ng	93
36) 4-Chloro-3-methylphenol	11.810	107	1004224	42.237	ng	96
37) 2-Methylnaphthalene	12.187	142	2160612	41.784	ng	99
38) 1-Methylnaphthalene	12.410	142	2045088	39.897	ng	100
40) 1,2,4,5-Tetrachloroben...	12.557	216	1221728	56.171	ng	99
41) Hexachlorocyclopentadiene	12.534	237	1242102	162.493	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	762042	57.962	ng	97
44) 2,4,5-Trichlorophenol	12.881	196	787256	51.903	ng	97

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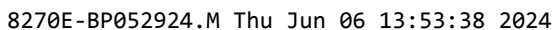
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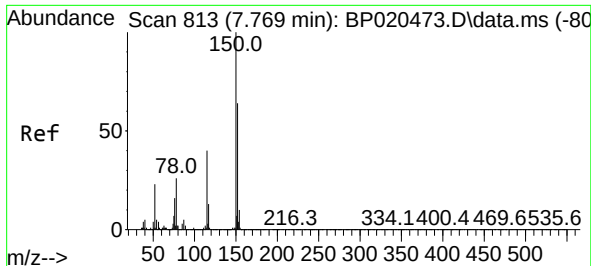
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.216	154	2696521	50.827	ng	98
47) 2-Chloronaphthalene	13.245	162	2096513	49.710	ng	100
48) 2-Nitroaniline	13.457	65	584759	51.168	ng	97
49) Acenaphthylene	14.110	152	3307557	52.852	ng	100
50) Dimethylphthalate	13.851	163	2405742	45.401	ng	99
51) 2,6-Dinitrotoluene	13.957	165	536011	47.325	ng	96
52) Acenaphthene	14.451	154	1859211	47.098	ng	100
53) 3-Nitroaniline	14.292	138	404027	35.563	ng	100
54) 2,4-Dinitrophenol	14.510	184	573760	102.475	ng	94
55) Dibenzofuran	14.792	168	2994196	47.882	ng	99
56) 4-Nitrophenol	14.610	139	894994	101.839	ng	94
57) 2,4-Dinitrotoluene	14.763	165	714499	48.002	ng	98
58) Fluorene	15.451	166	2296195	45.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	653429	52.642	ng	97
60) Diethylphthalate	15.240	149	2324660	43.157	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1187020	45.821	ng	99
62) 4-Nitroaniline	15.481	138	505358	43.182	ng	98
63) Azobenzene	15.757	77	2200686	43.754	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	369735	56.979	ng	95
66) n-Nitrosodiphenylamine	15.681	169	1989550	50.920	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	778975	53.577	ng	96
68) Hexachlorobenzene	16.475	284	867650	50.706	ng	97
69) Atrazine	16.645	200	374808	27.266	ng	99
70) Pentachlorophenol	16.834	266	1079747	103.896	ng	98
71) Phenanthrene	17.245	178	3469228	49.660	ng	99
72) Anthracene	17.328	178	3401875	49.625	ng	100
73) Carbazole	17.616	167	3049872	45.995	ng	100
74) Di-n-butylphthalate	18.222	149	3781895	47.098	ng	99
75) Fluoranthene	19.322	202	3850707	46.592	ng	99
77) Benzidine	19.528	184	672291	18.981	ng	99
78) Pyrene	19.704	202	3997172	41.755	ng	100
80) Butylbenzylphthalate	20.669	149	1652653	43.128	ng	91
81) Benzo(a)anthracene	21.622	228	4136386	49.361	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1291991	51.866	ng	100
83) Chrysene	21.704	228	3878982	49.125	ng	100
84) Bis(2-ethylhexyl)phtha...	21.580	149	2470078	45.338	ng	99
85) Di-n-octyl phthalate	22.880	149	4559678	57.582	ng	97
87) Indeno(1,2,3-cd)pyrene	28.827	276	5161410	57.270	ng	95
88) Benzo(b)fluoranthene	23.945	252	4531228	49.076	ng	99
89) Benzo(k)fluoranthene	24.015	252	4426550	49.155	ng	99
90) Benzo(a)pyrene	24.851	252	4252938	55.619	ng	100
91) Dibenzo(a,h)anthracene	28.915	278	4919767	65.448	ng	98
92) Benzo(g,h,i)perylene	30.003	276	4703033	62.593	ng	97

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

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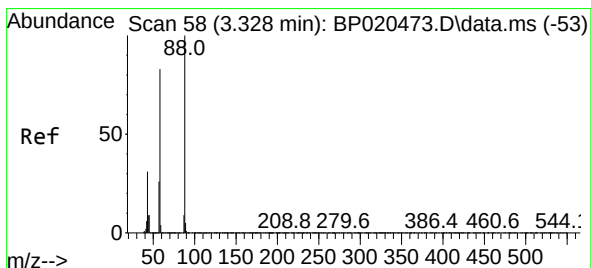
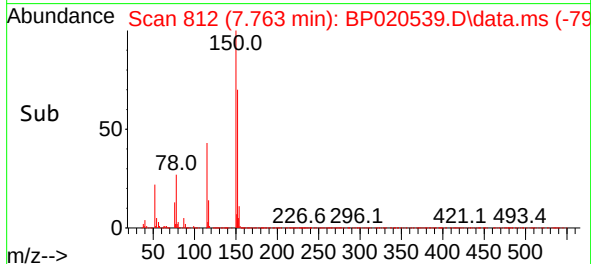
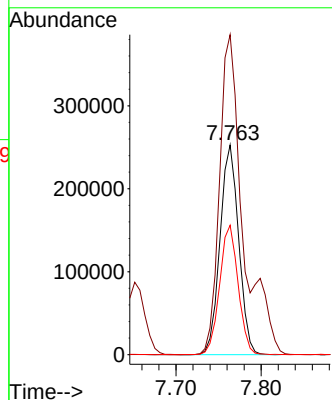
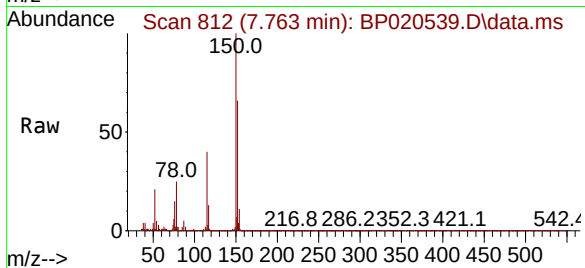




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP020539.D
 Acq: 06 Jun 2024 12:57

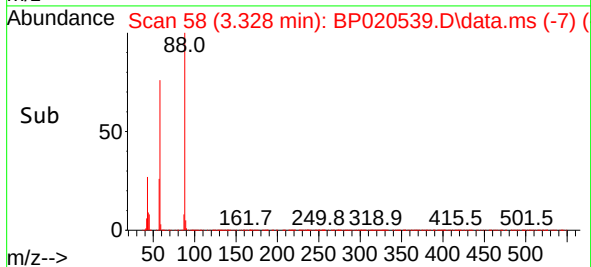
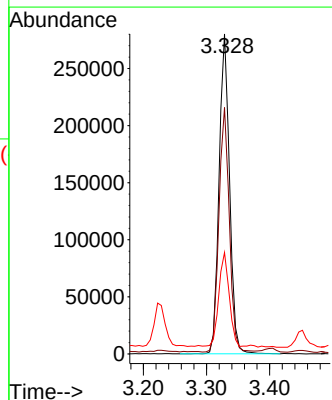
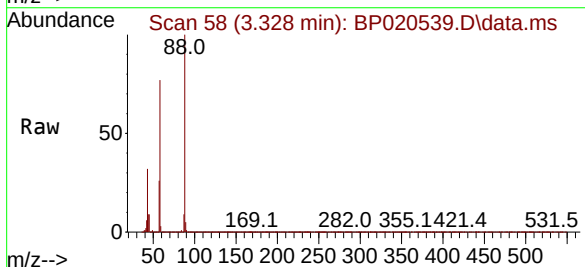
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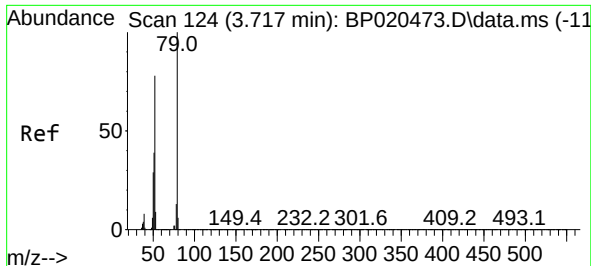
Tgt Ion:152 Resp: 384585
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.2 186.2
 115 61.7 49.5 74.3



#2
 1,4-Dioxane
 Concen: 37.126 ng
 RT: 3.328 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BP020539.D
 Acq: 06 Jun 2024 12:57

Tgt Ion: 88 Resp: 322223
 Ion Ratio Lower Upper
 88 100
 58 76.2 64.6 97.0
 43 28.8 24.5 36.7

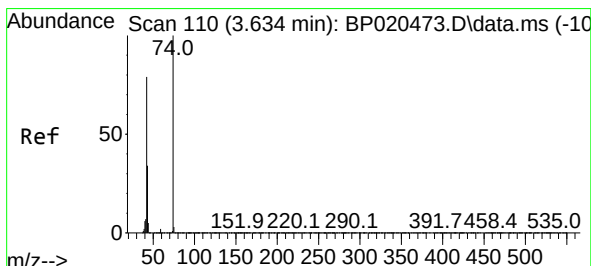
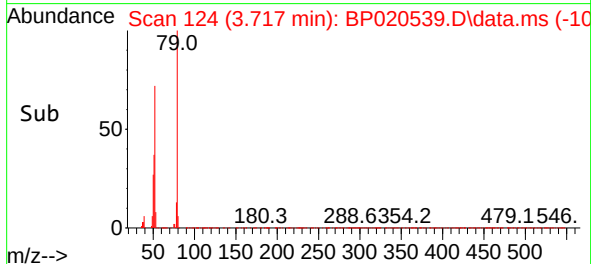
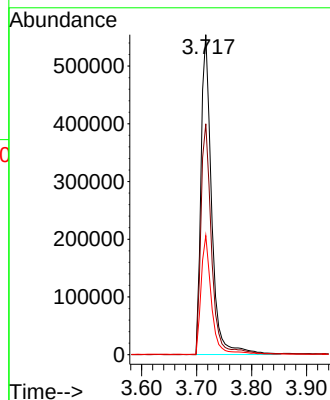
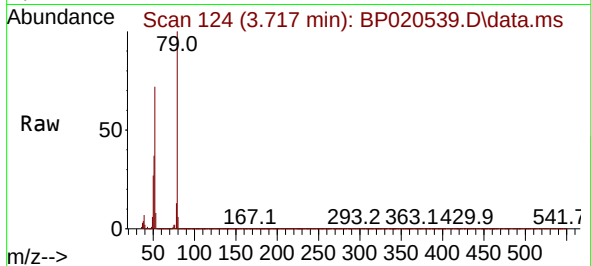




#3
Pyridine
Concen: 30.579 ng
RT: 3.717 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

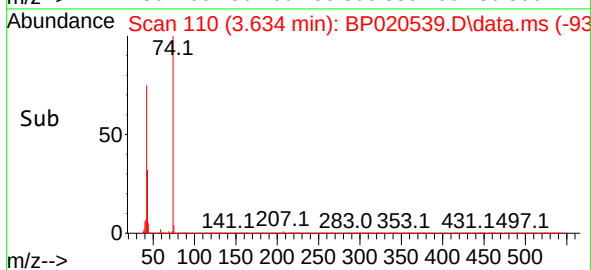
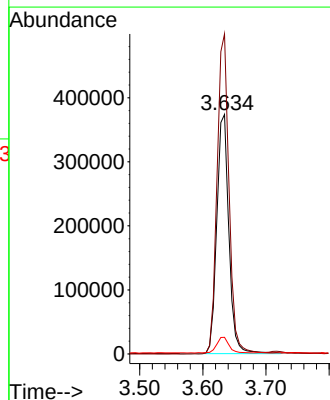
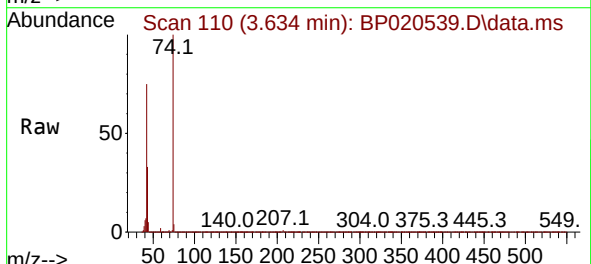
Instrument :
BNA_P
ClientSampleId :
PB161260BS

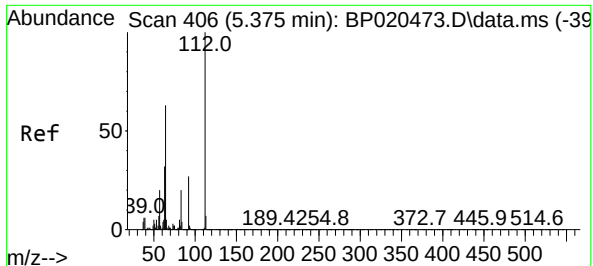
Tgt Ion: 79 Resp: 746193
Ion Ratio Lower Upper
79 100
52 72.2 62.6 94.0
51 37.2 31.0 46.4



#4
n-Nitrosodimethylamine
Concen: 41.757 ng
RT: 3.634 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion: 42 Resp: 494931
Ion Ratio Lower Upper
42 100
74 133.6 100.6 151.0
44 7.0 5.8 8.8

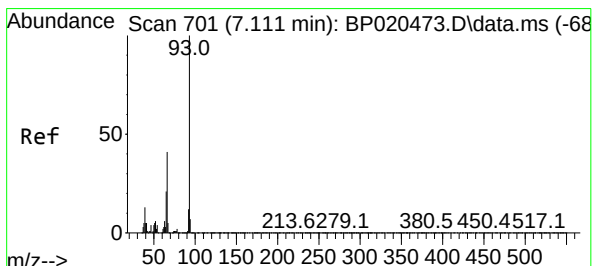
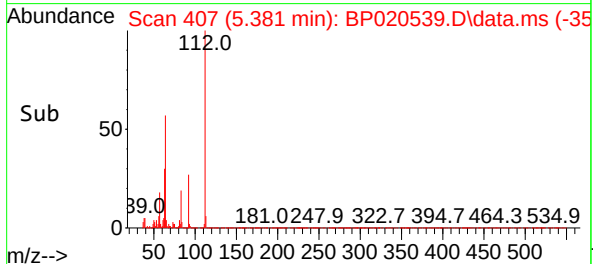
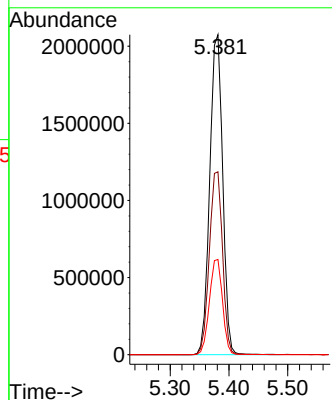
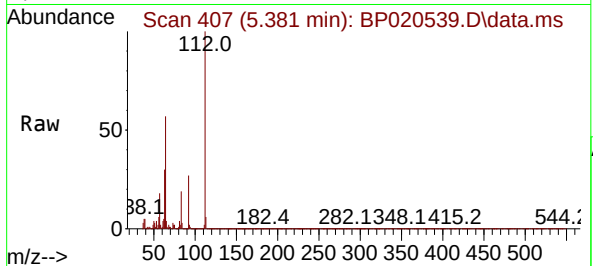




#5
2-Fluorophenol
Concen: 147.654 ng
RT: 5.381 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

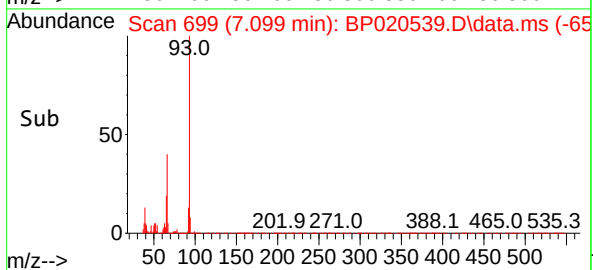
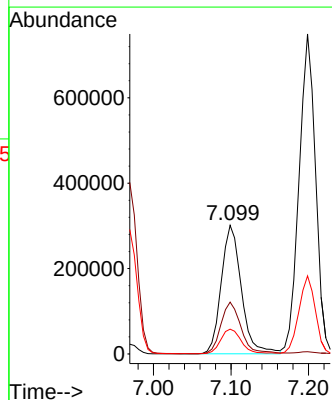
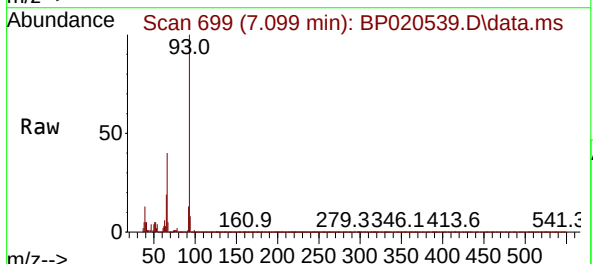
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ClientSampleId :
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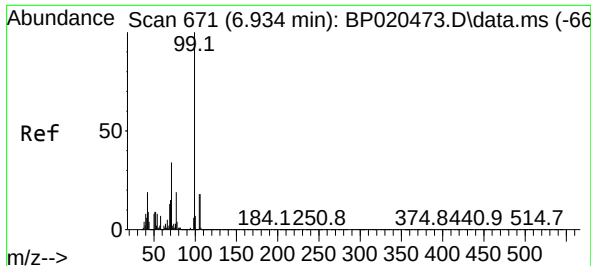
Tgt Ion:112 Resp: 3171565
Ion Ratio Lower Upper
112 100
64 57.2 50.1 75.1
63 29.7 25.7 38.5



#6
Aniline
Concen: 17.786 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion: 93 Resp: 545936
Ion Ratio Lower Upper
93 100
66 40.2 32.8 49.2
65 19.3 16.9 25.3

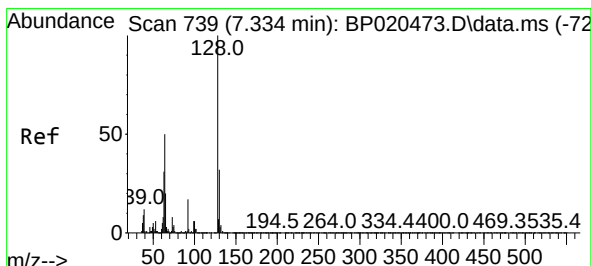
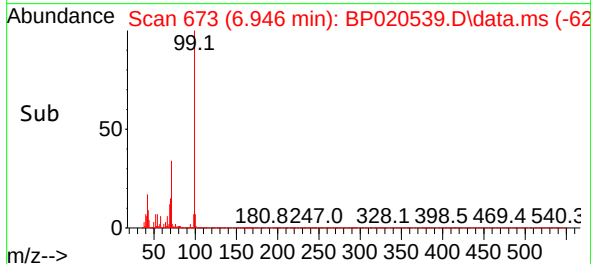
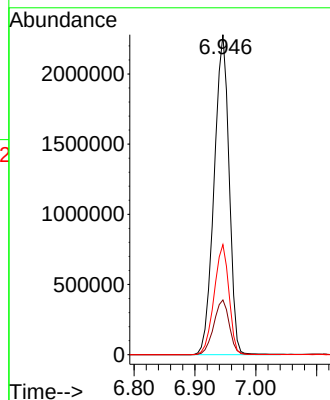
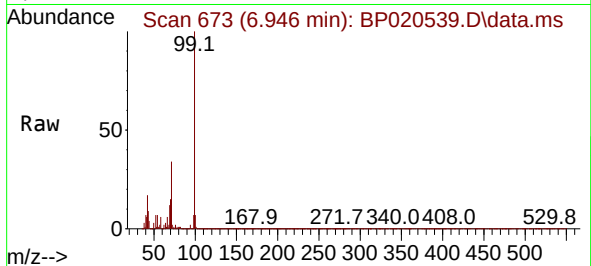




#7
Phenol-d6
Concen: 128.450 ng
RT: 6.946 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

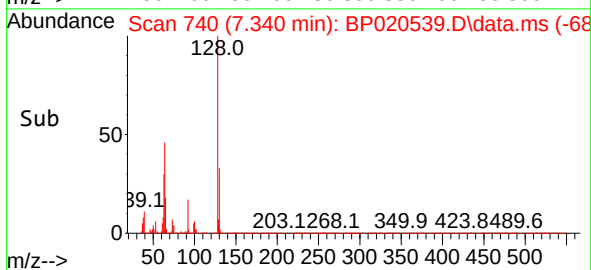
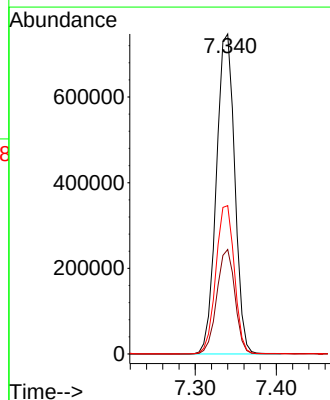
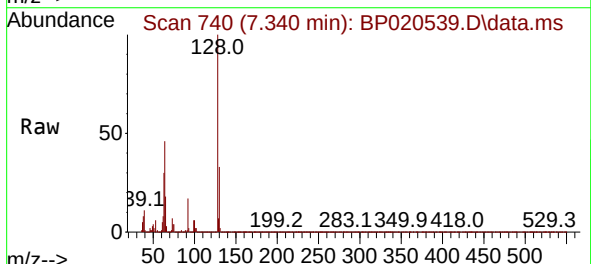
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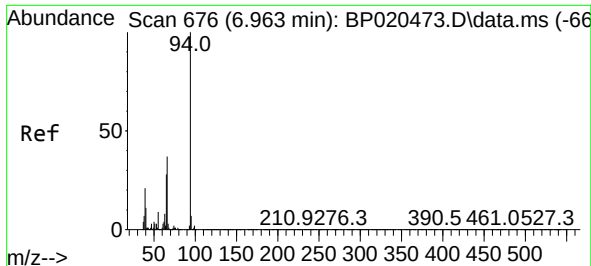
Tgt Ion: 99 Resp: 3890988
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 34.4 27.3 40.9



#8
2-Chlorophenol
Concen: 48.857 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion: 128 Resp: 1176413
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 46.3 29.6 69.6

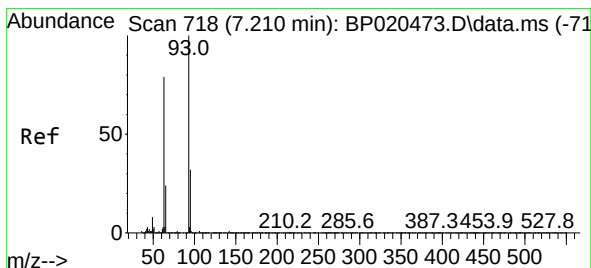
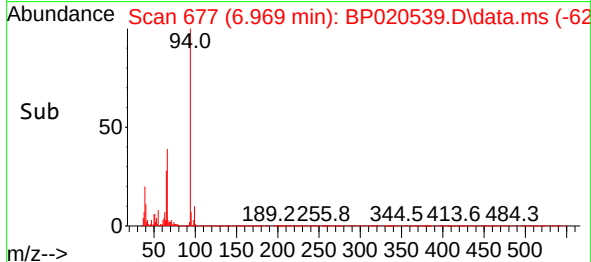
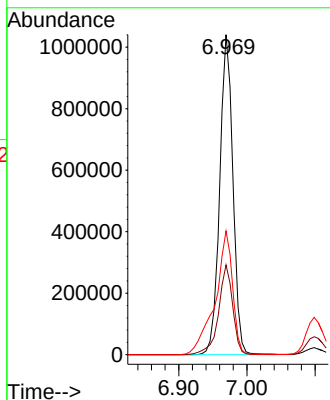
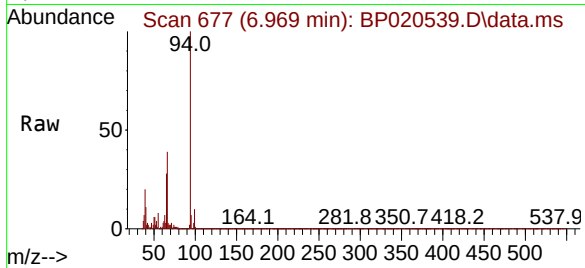




#10
Phenol
Concen: 45.202 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

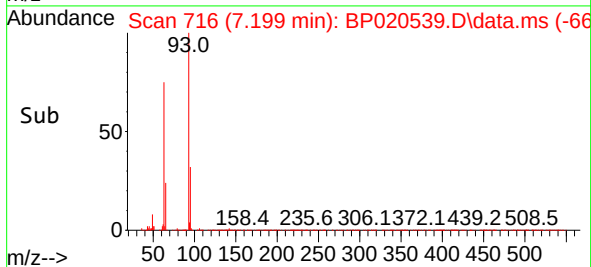
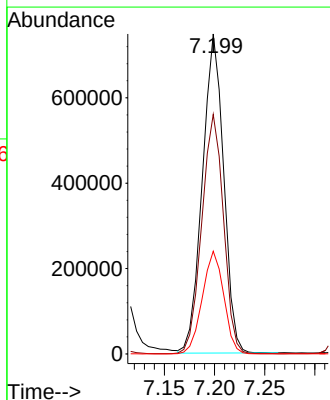
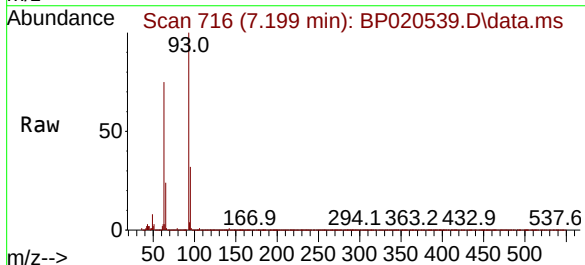
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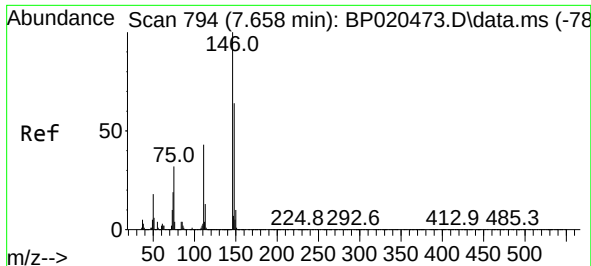
Tgt Ion: 94 Resp: 1402543
Ion Ratio Lower Upper
94 100
65 28.0 8.2 48.2
66 38.6 17.2 57.2



#11
bis(2-Chloroethyl)ether
Concen: 43.148 ng
RT: 7.199 min Scan# 716
Delta R.T. -0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion: 93 Resp: 1104107
Ion Ratio Lower Upper
93 100
63 74.8 58.3 98.3
95 32.1 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 45.594 ng

RT: 7.652 min Scan# 794

Delta R.T. -0.006 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

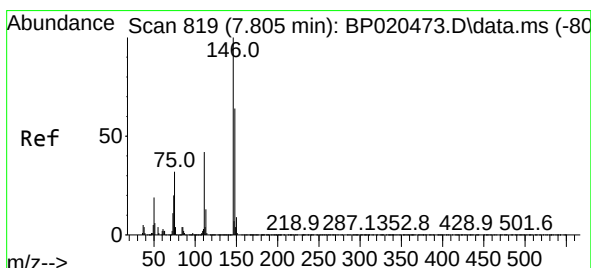
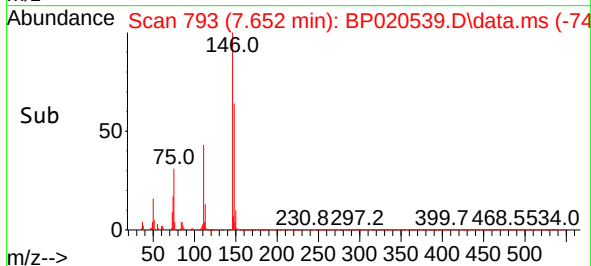
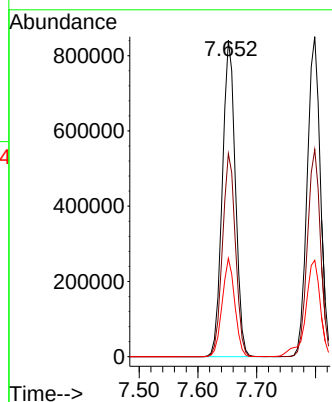
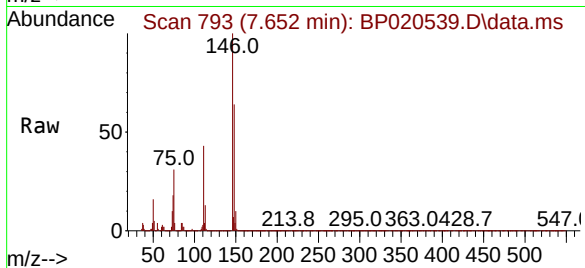
Tgt Ion:146 Resp: 1293471

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

75 31.1 25.3 37.9



#13

1,4-Dichlorobenzene

Concen: 45.962 ng

RT: 7.799 min Scan# 818

Delta R.T. -0.006 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

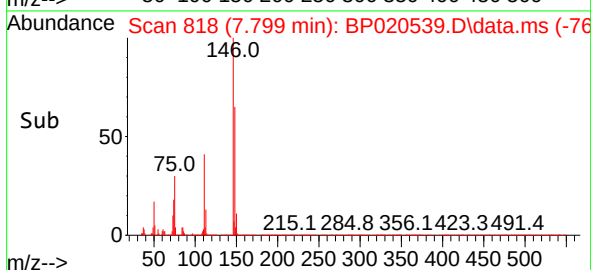
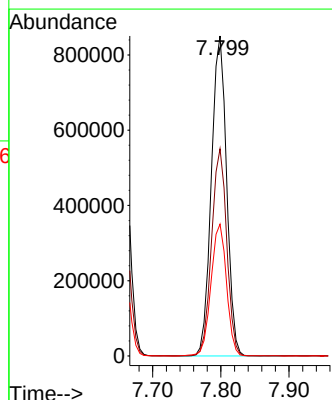
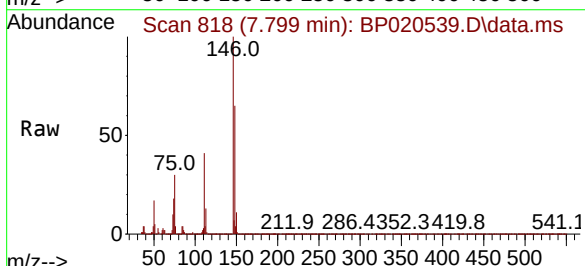
Tgt Ion:146 Resp: 1325267

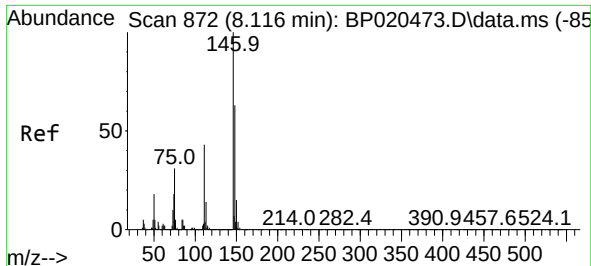
Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

111 41.2 33.8 50.6

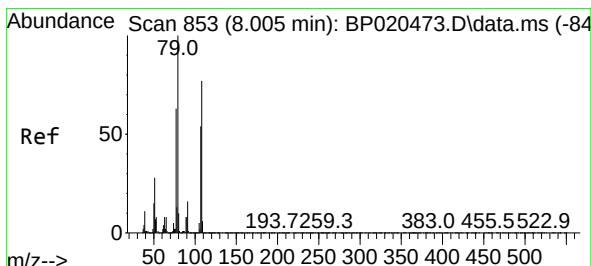
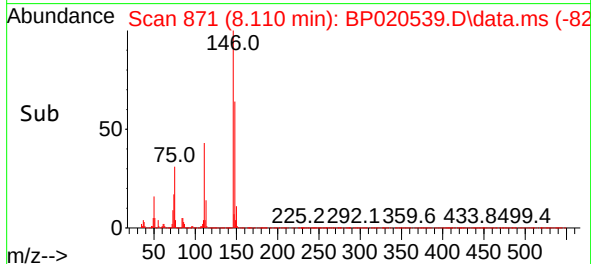
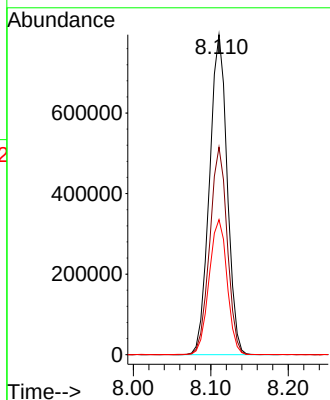
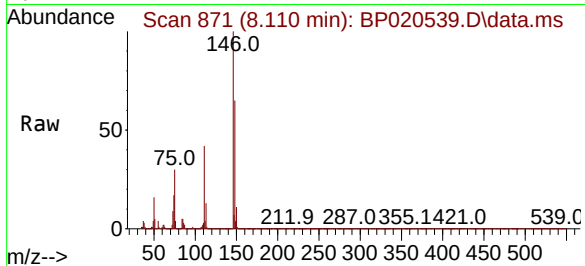




#14
1,2-Dichlorobenzene
Concen: 45.267 ng
RT: 8.110 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

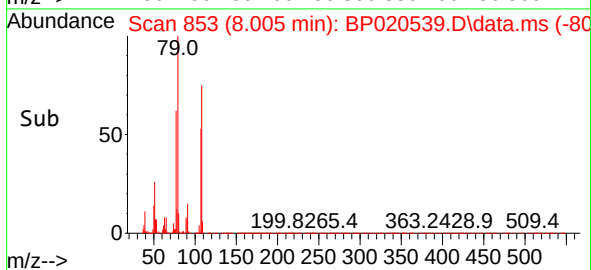
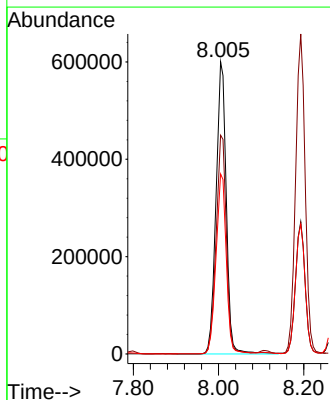
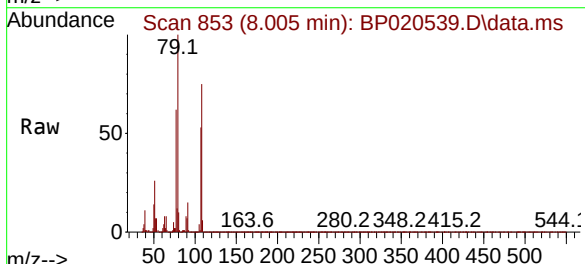
Instrument :
BNA_P
ClientSampleId :
PB161260BS

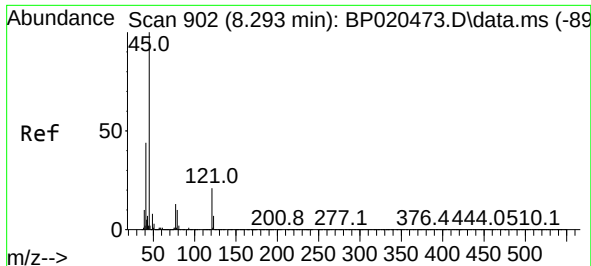
Tgt Ion:146 Resp: 1259656
Ion Ratio Lower Upper
146 100
148 64.9 50.1 75.1
111 42.2 34.4 51.6



#15
Benzyl Alcohol
Concen: 44.690 ng
RT: 8.005 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion: 79 Resp: 999958
Ion Ratio Lower Upper
79 100
108 74.9 61.4 92.2
77 61.6 50.2 75.2

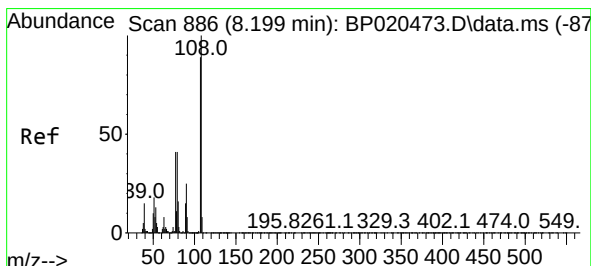
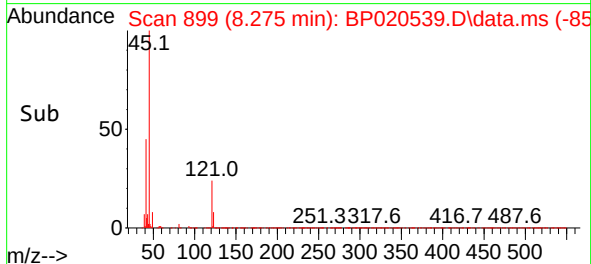
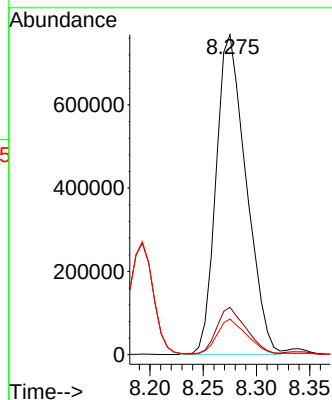
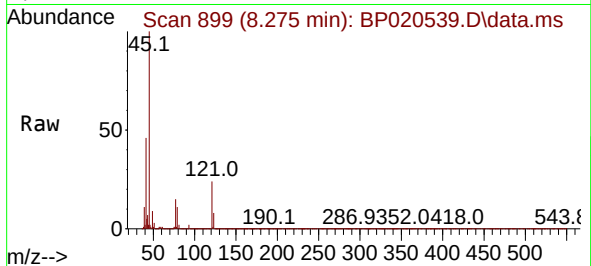




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.539 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

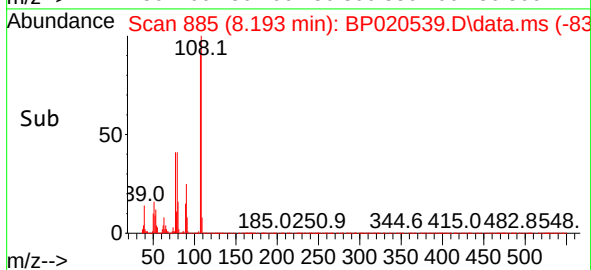
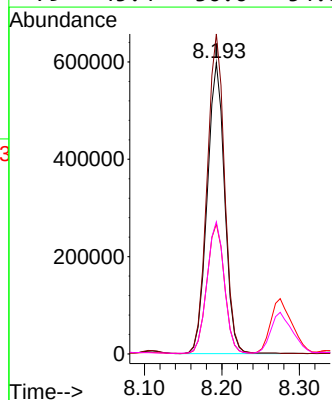
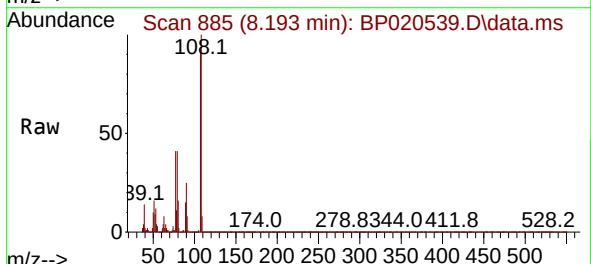
Instrument :
BNA_P
ClientSampleId :
PB161260BS

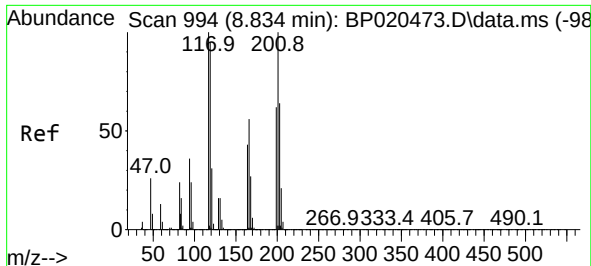
Tgt Ion: 45 Resp: 1510518
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.6
79 11.1 0.0 29.9



#17
2-Methylphenol
Concen: 44.170 ng
RT: 8.193 min Scan# 885
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion: 107 Resp: 930061
Ion Ratio Lower Upper
107 100
108 109.9 89.4 134.2
77 44.7 36.6 55.0
79 45.4 36.6 54.8

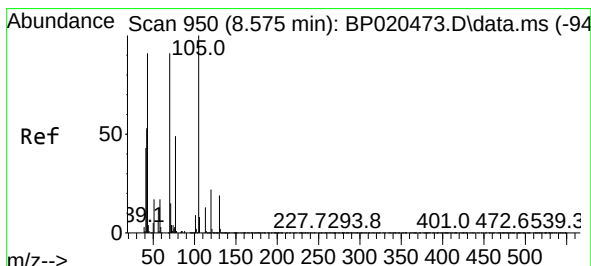
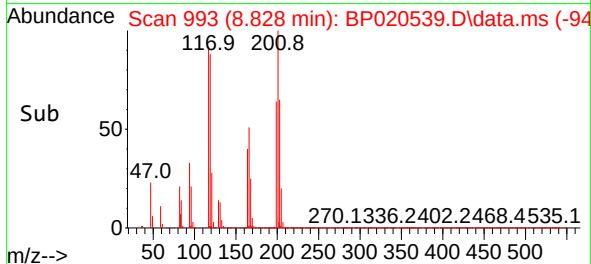
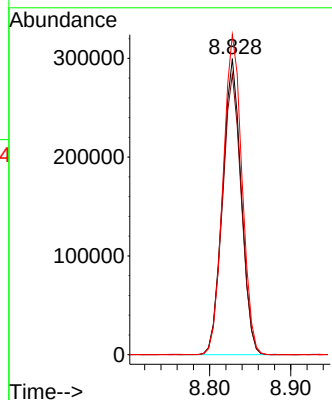
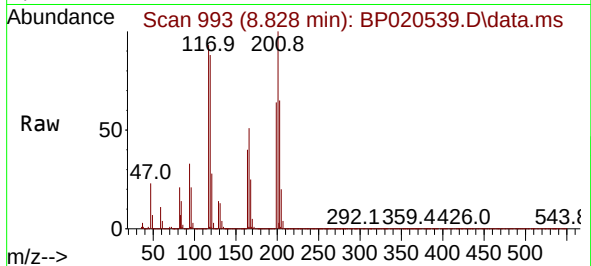




#18
Hexachloroethane
Concen: 45.398 ng
RT: 8.828 min Scan# 994
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

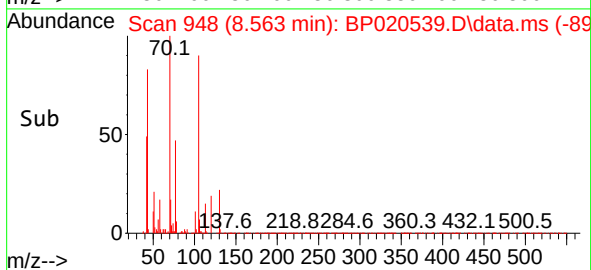
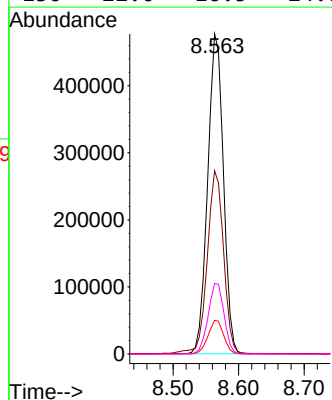
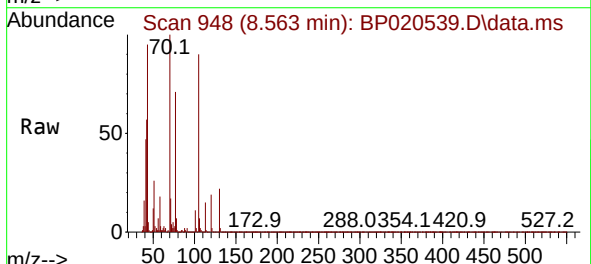
Instrument :
BNA_P
ClientSampleId :
PB161260BS

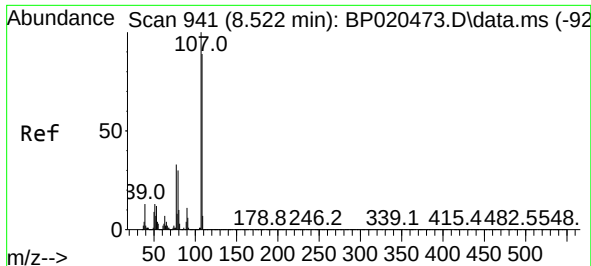
Tgt Ion:117 Resp: 477987
Ion Ratio Lower Upper
117 100
119 94.8 76.3 114.5
201 108.1 79.9 119.9



#19
n-Nitroso-di-n-propylamine
Concen: 38.508 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion: 70 Resp: 796317
Ion Ratio Lower Upper
70 100
42 57.3 47.4 71.0
101 10.5 7.8 11.8
130 22.0 16.5 24.7

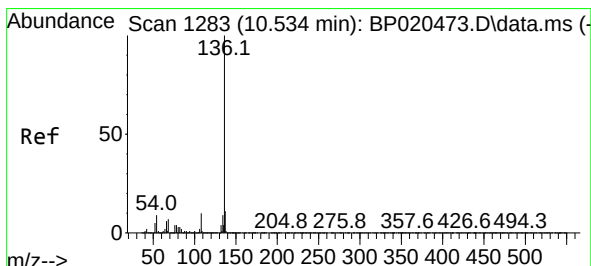
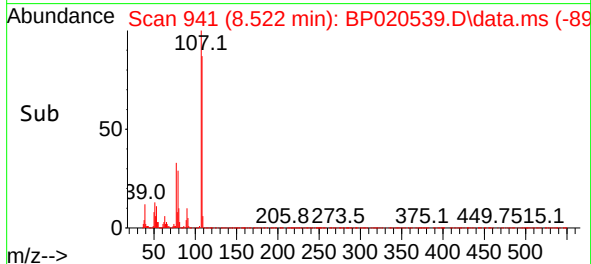
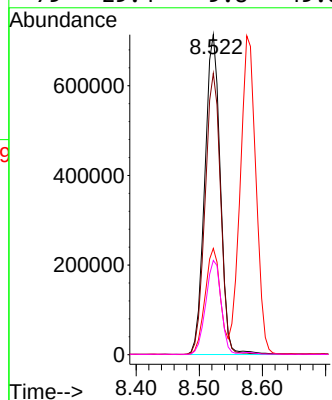
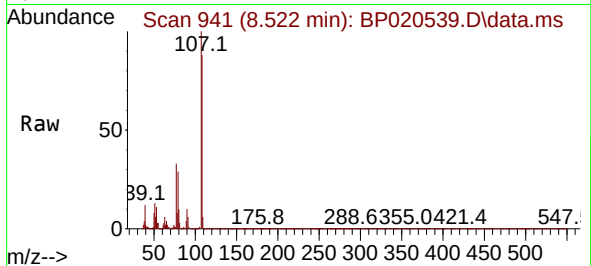




#20
3+4-Methylphenols
Concen: 42.542 ng
RT: 8.522 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

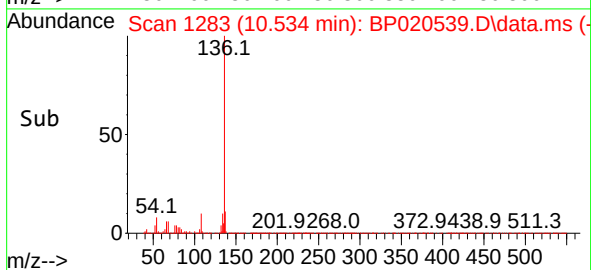
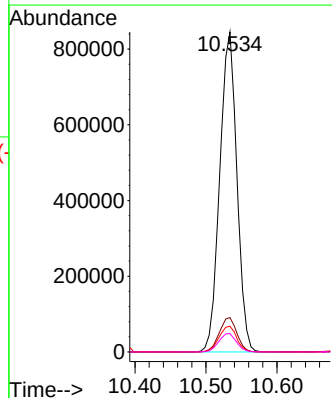
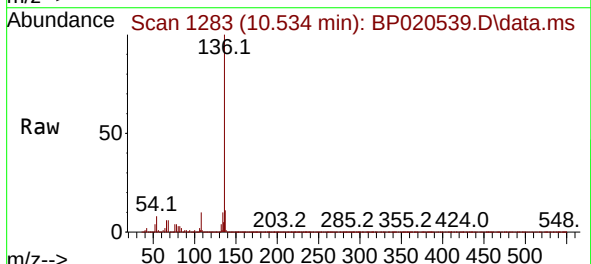
Instrument :
BNA_P
ClientSampleId :
PB161260BS

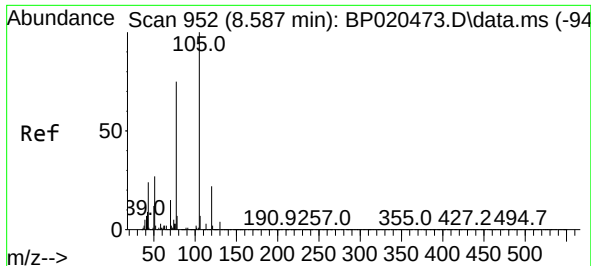
Tgt Ion:107 Resp: 1218386
Ion Ratio Lower Upper
107 100
108 87.9 69.2 109.2
77 33.2 13.5 53.5
79 29.4 9.8 49.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:136 Resp: 1411599
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.0 7.4 11.0
68 5.7 5.2 7.8

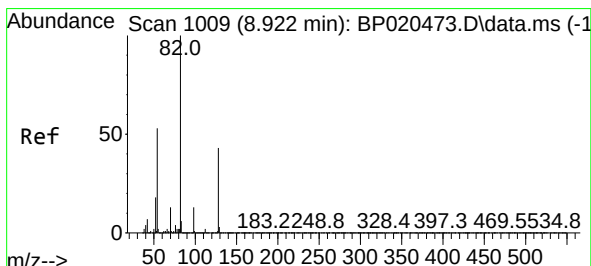
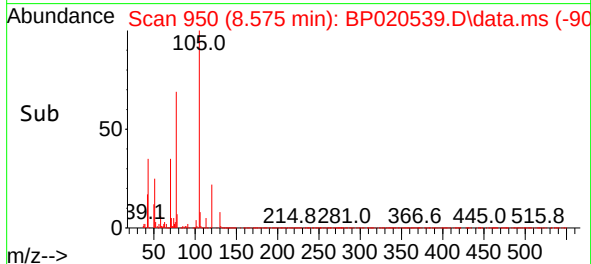
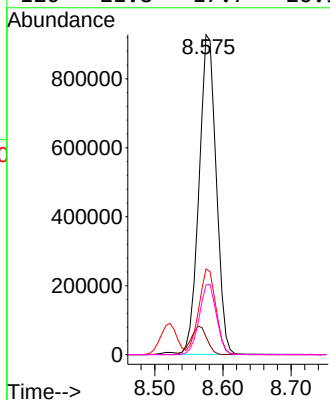
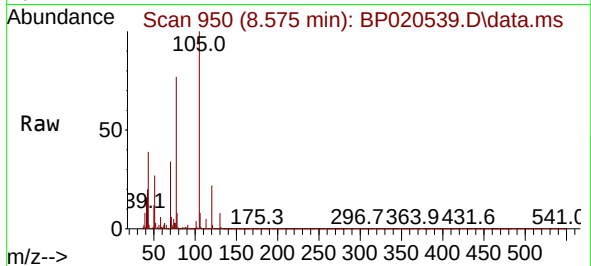




#22
Acetophenone
Concen: 46.279 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

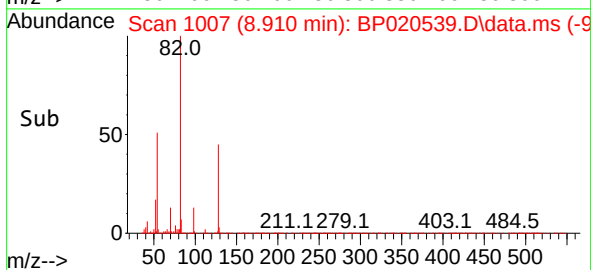
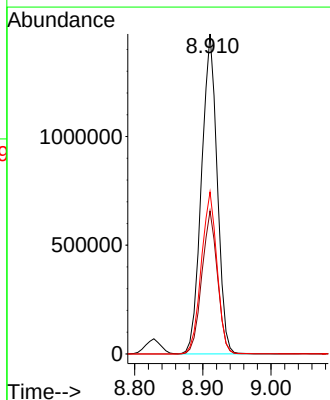
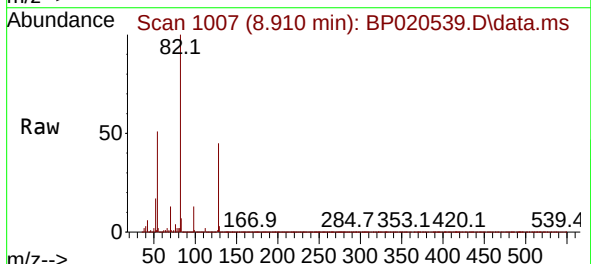
Instrument :
BNA_P
ClientSampleId :
PB161260BS

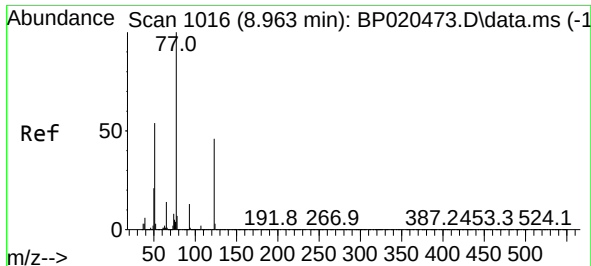
Tgt Ion:105 Resp: 1621580
Ion Ratio Lower Upper
105 100
71 5.6 2.3 3.5#
51 26.8 22.6 33.8
120 21.8 17.7 26.5



#23
Nitrobenzene-d5
Concen: 91.350 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion: 82 Resp: 2355680
Ion Ratio Lower Upper
82 100
128 44.7 34.2 51.4
54 50.7 42.7 64.1

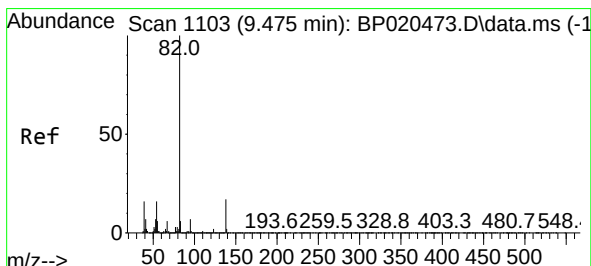
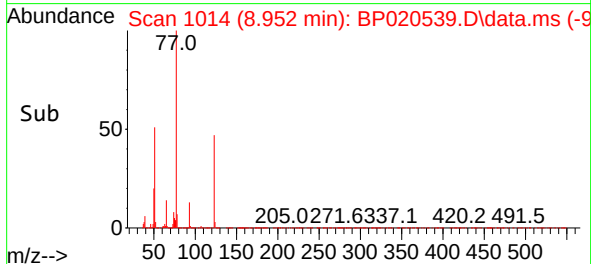
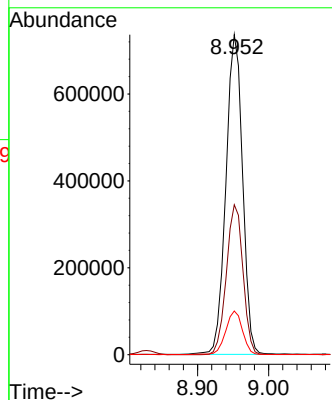
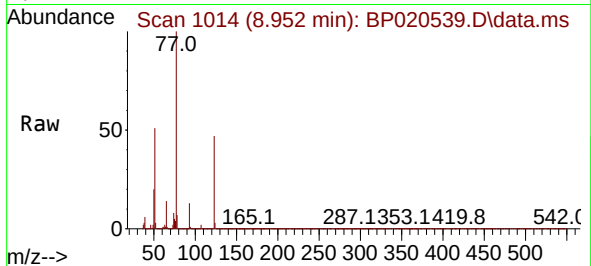




#24
Nitrobenzene
Concen: 45.795 ng
RT: 8.952 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

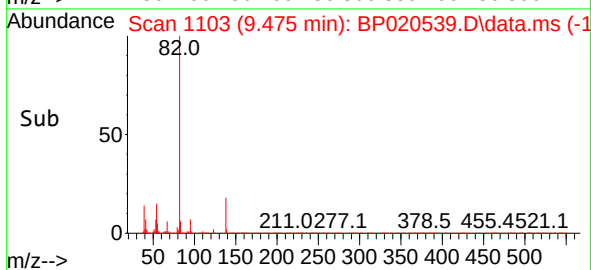
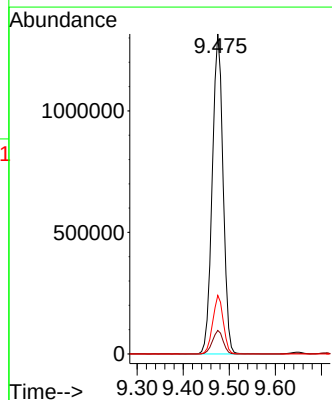
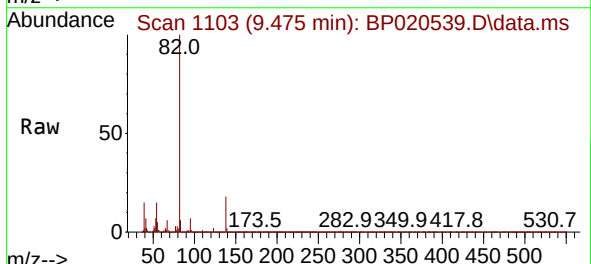
Instrument :
BNA_P
ClientSampleId :
PB161260BS

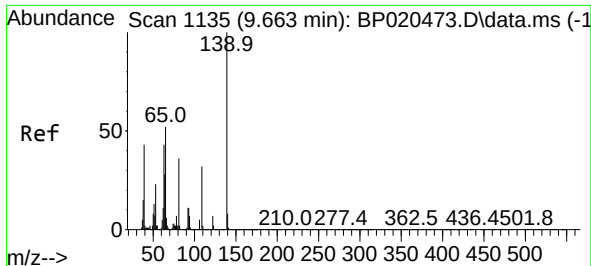
Tgt Ion: 77 Resp: 1198513
Ion Ratio Lower Upper
77 100
123 46.8 36.6 54.8
65 13.6 11.1 16.7



#25
Isophorone
Concen: 42.754 ng
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion: 82 Resp: 2142096
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 18.3 13.8 20.6

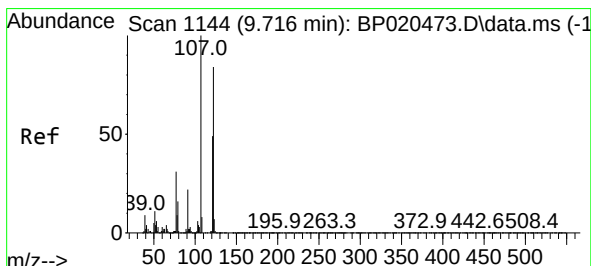
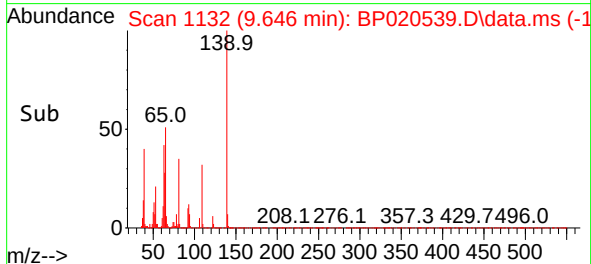
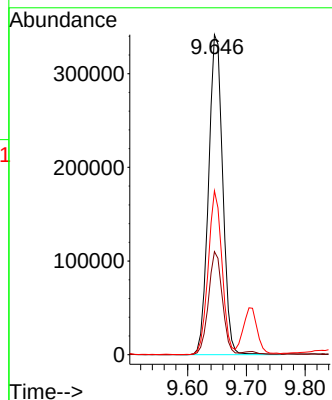
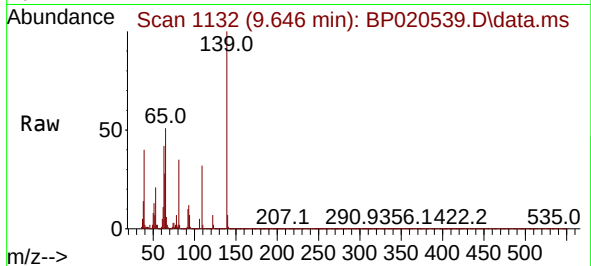




#26
2-Nitrophenol
Concen: 54.748 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

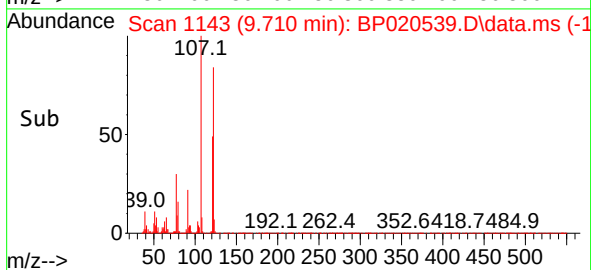
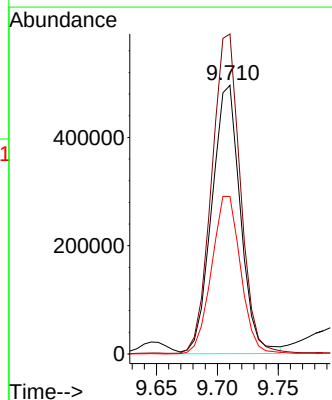
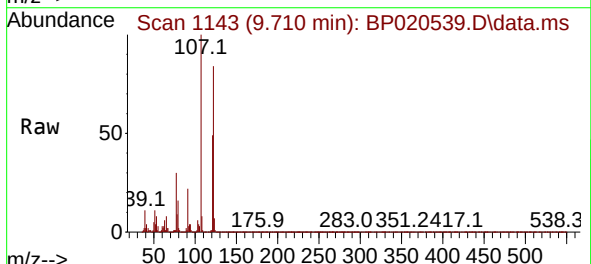
Instrument :
BNA_P
ClientSampleId :
PB161260BS

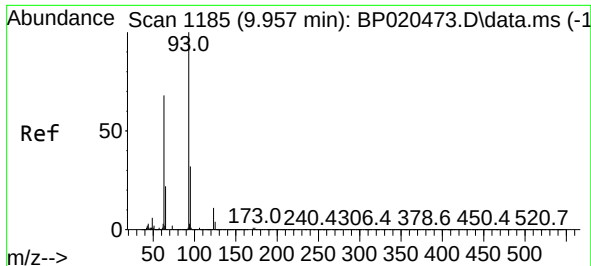
Tgt Ion:139 Resp: 572782
Ion Ratio Lower Upper
139 100
109 32.2 25.8 38.8
65 51.2 41.8 62.8



#27
2,4-Dimethylphenol
Concen: 53.762 ng
RT: 9.710 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:122 Resp: 813771
Ion Ratio Lower Upper
122 100
107 119.1 95.0 142.4
121 58.6 46.1 69.1

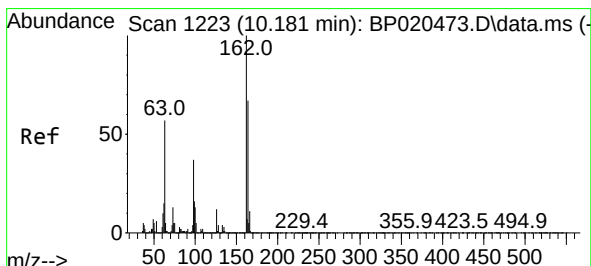
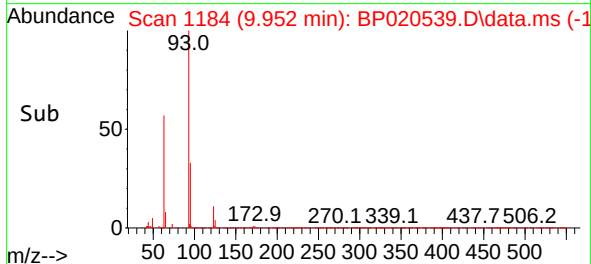
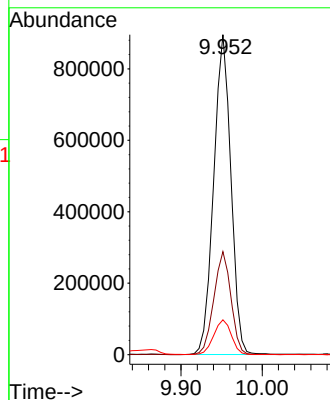
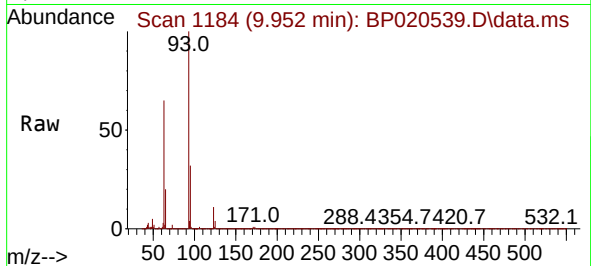




#28
bis(2-Chloroethoxy)methane
Concen: 42.857 ng
RT: 9.952 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

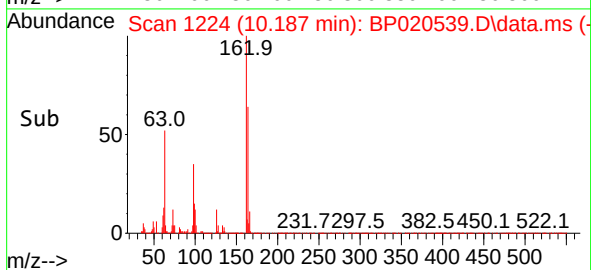
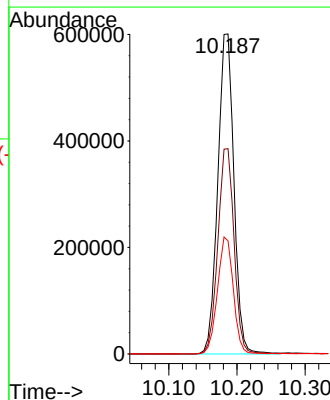
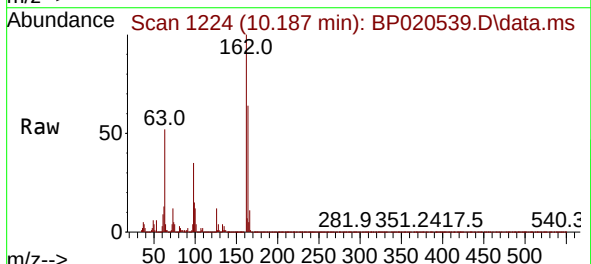
Instrument :
BNA_P
ClientSampleId :
PB161260BS

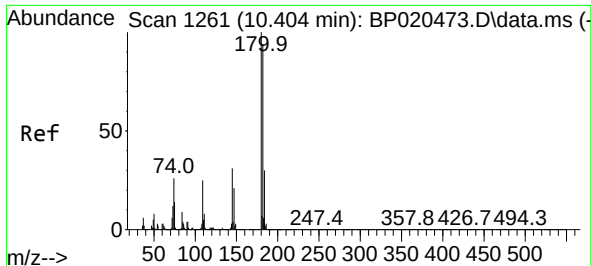
Tgt Ion: 93 Resp: 1319797
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 10.9 9.0 13.4



#29
2,4-Dichlorophenol
Concen: 48.824 ng
RT: 10.187 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:162 Resp: 991475
Ion Ratio Lower Upper
162 100
164 64.2 46.5 86.5
98 35.3 17.4 57.4

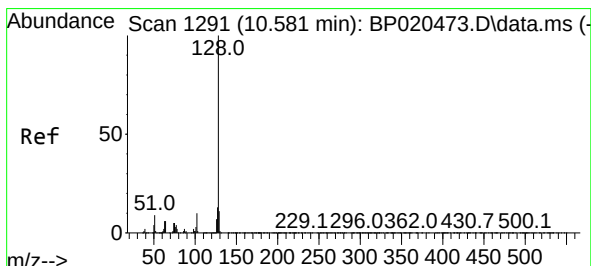
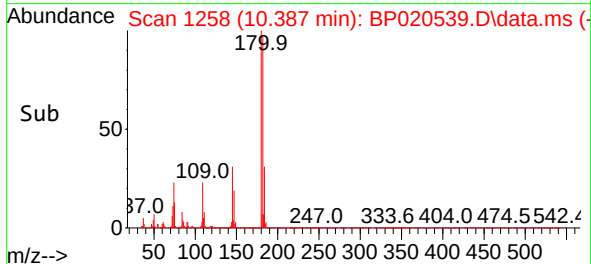
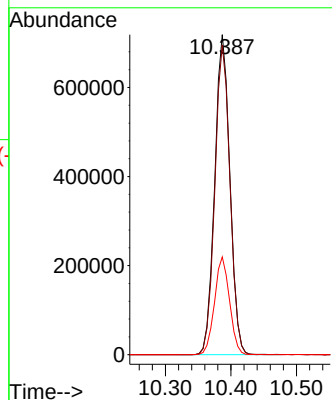
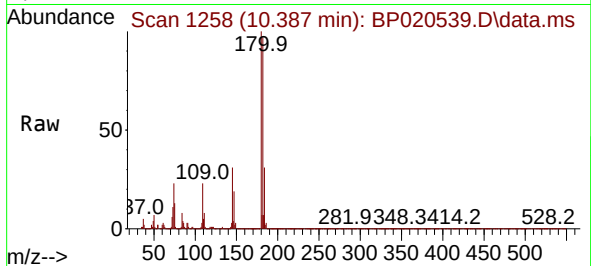




#30
1,2,4-Trichlorobenzene
Concen: 47.867 ng
RT: 10.387 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

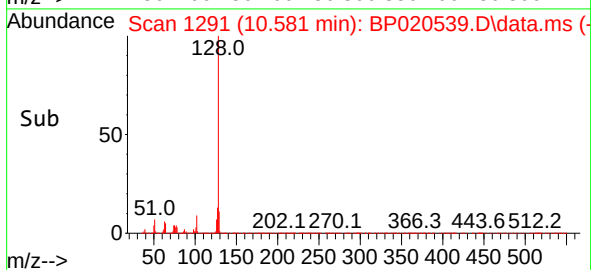
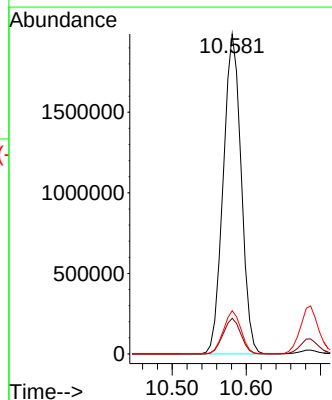
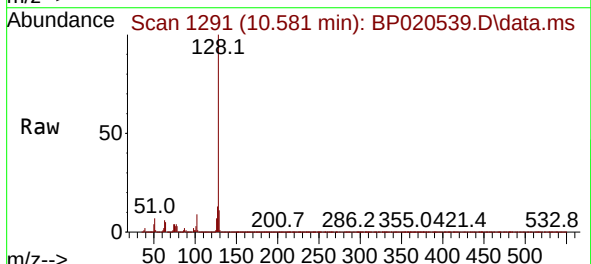
Instrument :
BNA_P
ClientSampleId :
PB161260BS

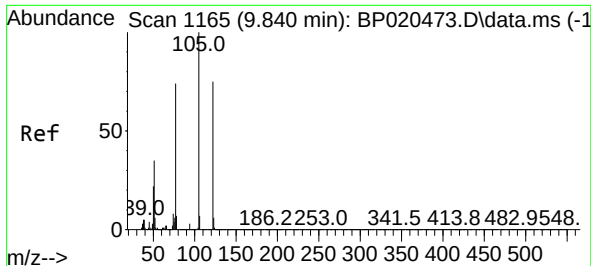
Tgt Ion:180 Resp: 1153965
Ion Ratio Lower Upper
180 100
182 96.8 75.2 112.8
145 30.5 24.9 37.3



#31
Naphthalene
Concen: 46.180 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:128 Resp: 3332478
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.5 10.5 15.7

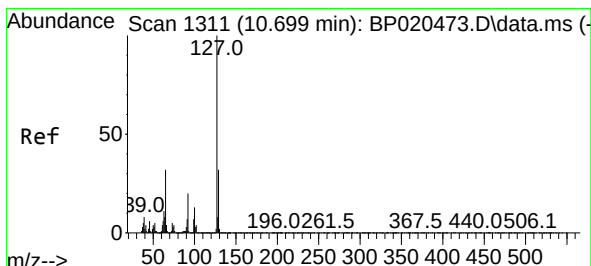
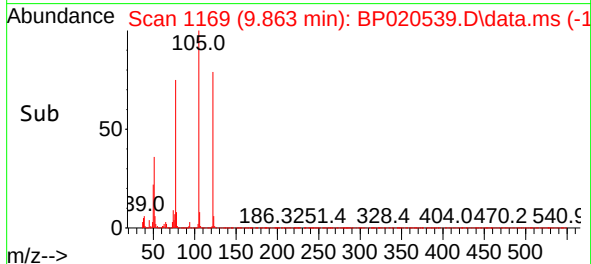
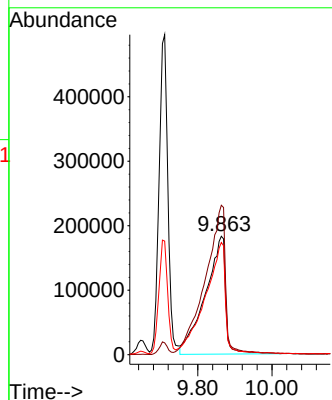
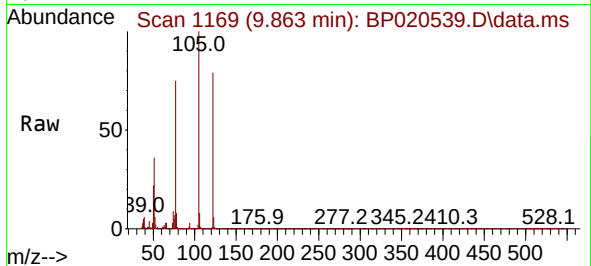




#32
Benzoic acid
Concen: 48.321 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.023 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

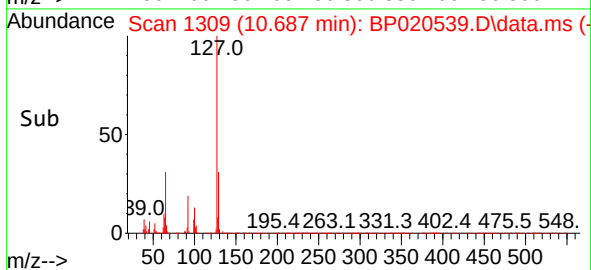
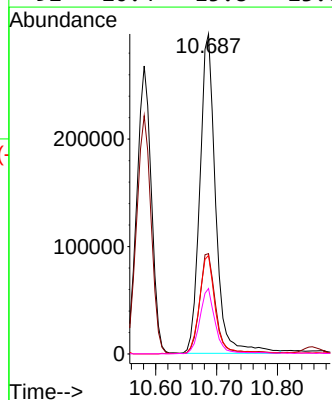
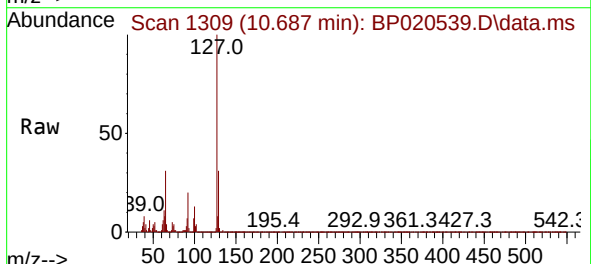
Instrument :
BNA_P
ClientSampleId :
PB161260BS

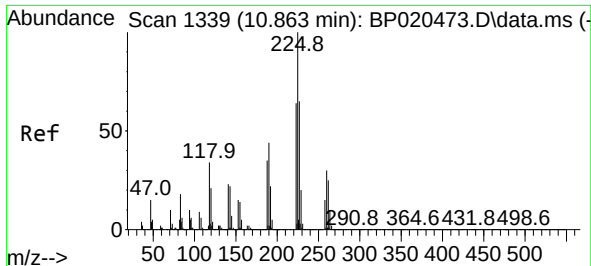
Tgt Ion:122 Resp: 695633
Ion Ratio Lower Upper
122 100
105 126.1 107.5 147.5
77 94.7 76.1 116.1



#33
4-Chloroaniline
Concen: 19.214 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:127 Resp: 536371
Ion Ratio Lower Upper
127 100
129 31.3 26.0 39.0
65 30.8 25.4 38.2
92 20.4 15.8 23.6

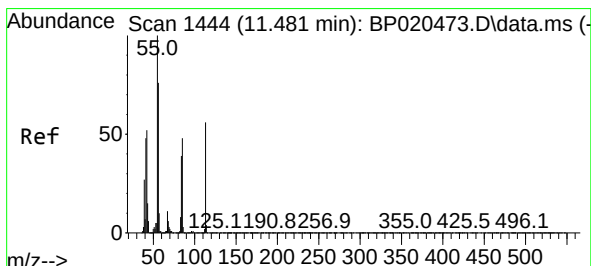
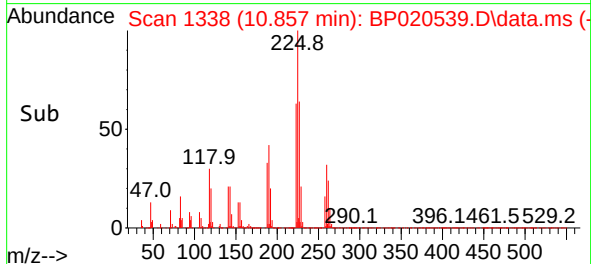
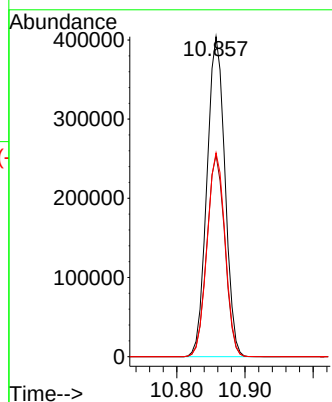
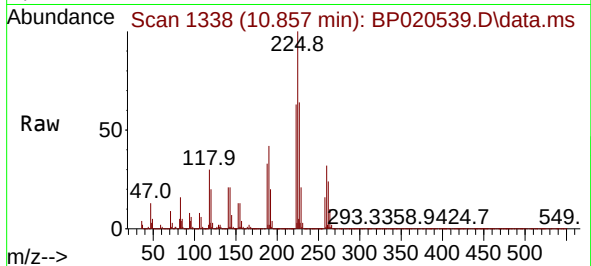




#34
Hexachlorobutadiene
Concen: 48.878 ng
RT: 10.857 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

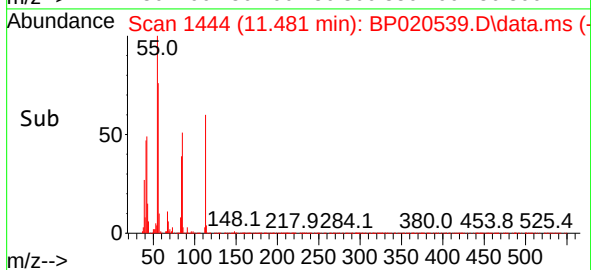
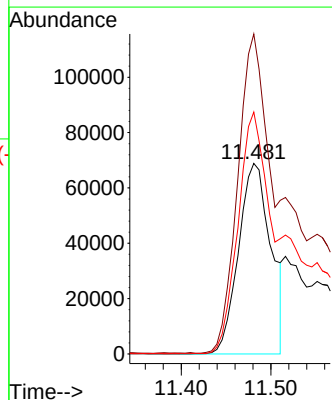
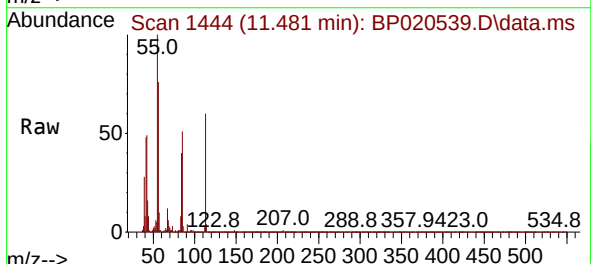
Instrument :
BNA_P
ClientSampleId :
PB161260BS

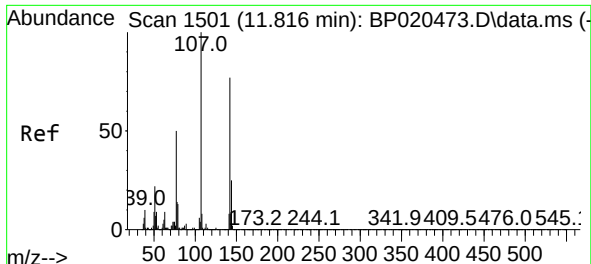
Tgt Ion:225 Resp: 742275
Ion Ratio Lower Upper
225 100
223 63.0 51.3 76.9
227 63.7 51.6 77.4



#35
Caprolactam
Concen: 23.147 ng
RT: 11.481 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:113 Resp: 172257
Ion Ratio Lower Upper
113 100
55 167.9 158.7 198.7
56 126.9 115.4 155.4

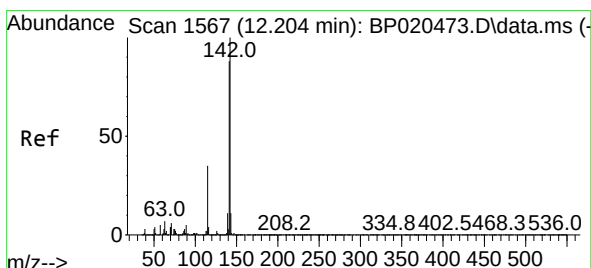
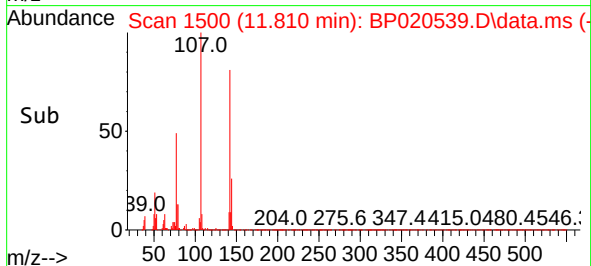
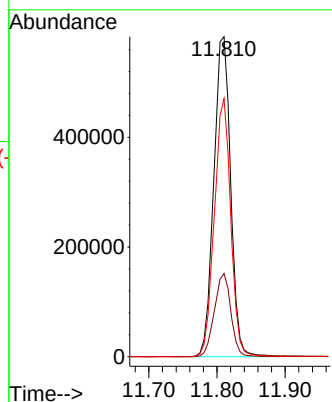
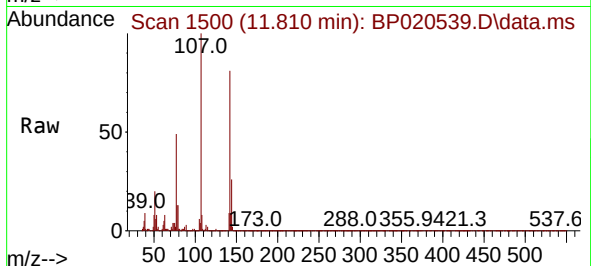




#36
4-Chloro-3-methylphenol
Concen: 42.237 ng
RT: 11.810 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

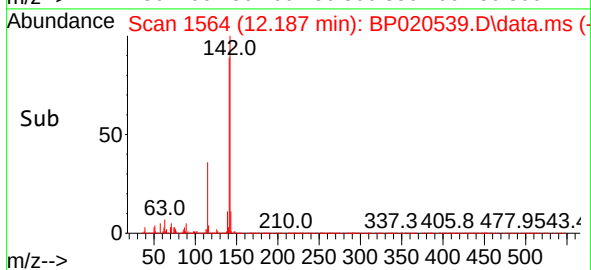
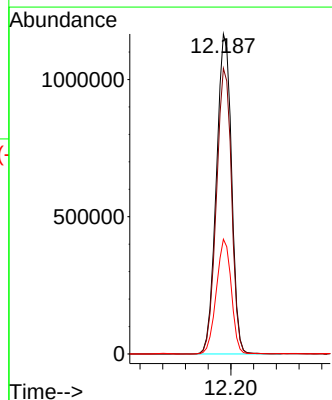
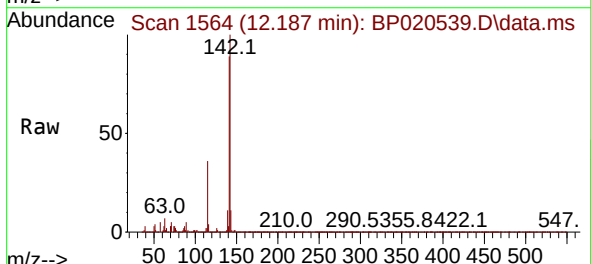
Instrument :
BNA_P
ClientSampleId :
PB161260BS

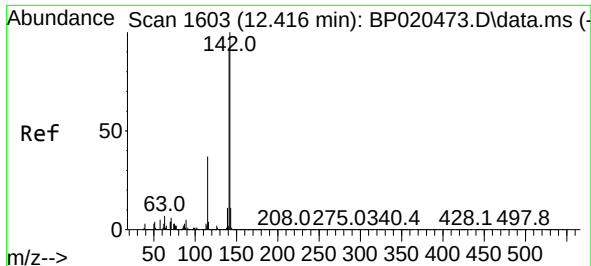
Tgt Ion:107 Resp: 1004224
Ion Ratio Lower Upper
107 100
144 26.0 20.0 30.0
142 80.6 61.4 92.2



#37
2-Methylnaphthalene
Concen: 41.784 ng
RT: 12.187 min Scan# 1564
Delta R.T. -0.018 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:142 Resp: 2160612
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 35.8 28.0 42.0

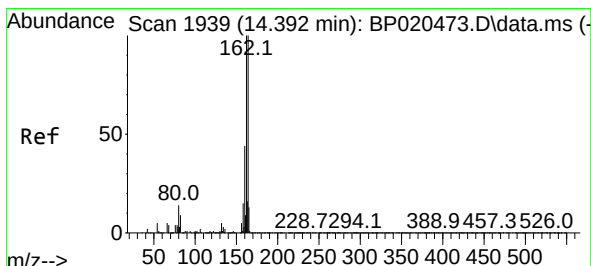
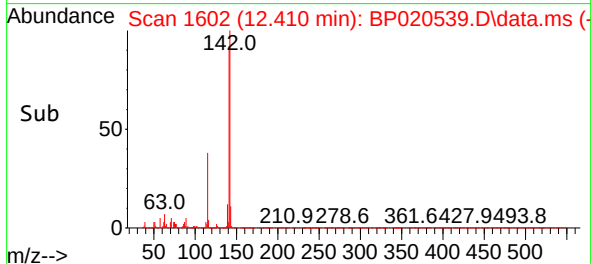
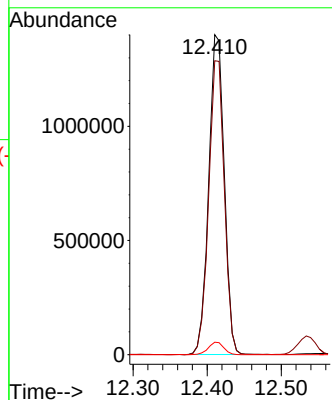
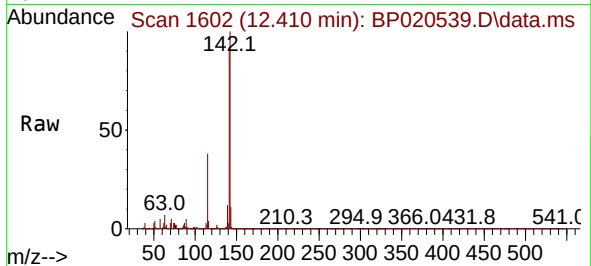




#38
1-Methylnaphthalene
Concen: 39.897 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

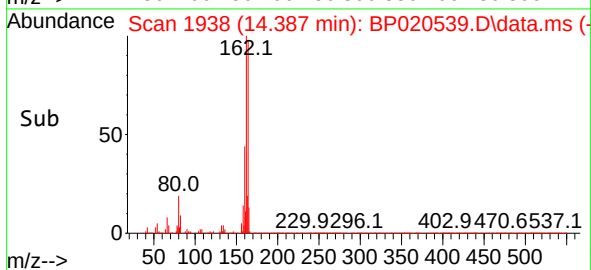
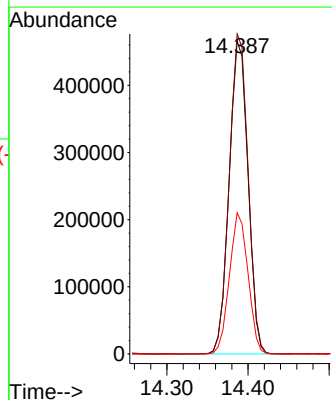
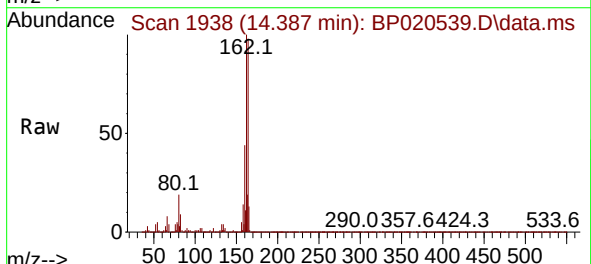
Instrument :
BNA_P
ClientSampleId :
PB161260BS

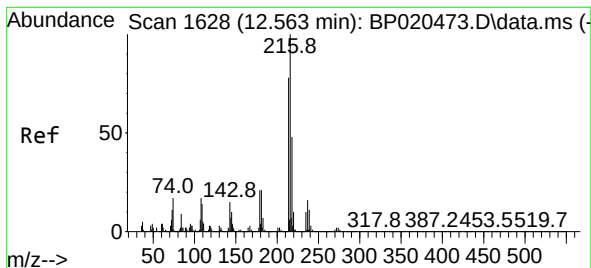
Tgt Ion:142 Resp: 2045088
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5
116 3.9 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:164 Resp: 751735
Ion Ratio Lower Upper
164 100
162 102.2 80.3 120.5
160 45.1 35.4 53.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.171 ng

RT: 12.557 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

Tgt Ion:216 Resp: 1221728

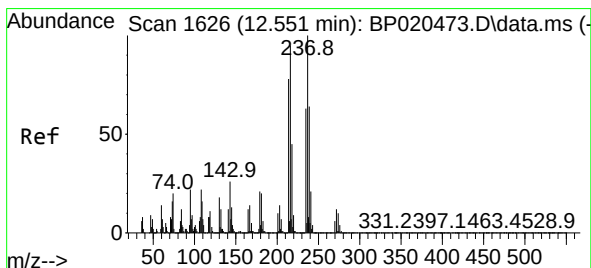
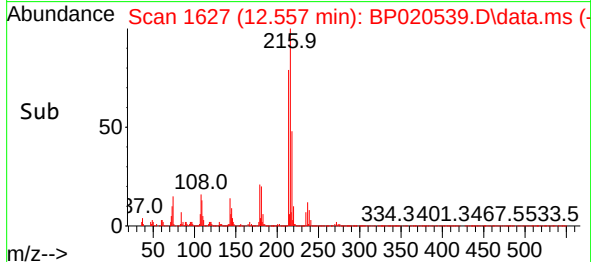
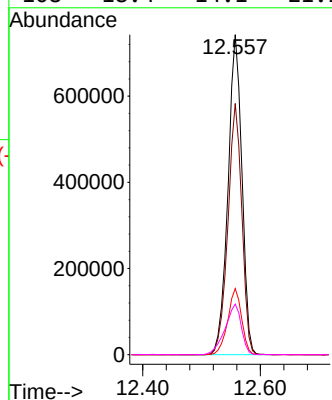
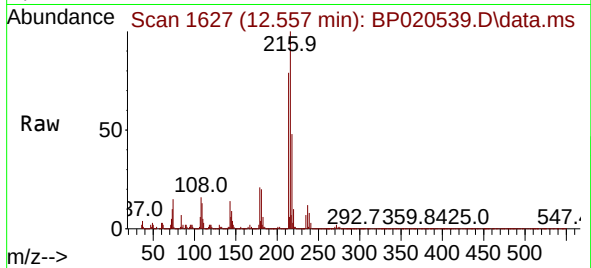
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.4

179 20.6 16.9 25.3

108 18.4 14.1 21.1



#41

Hexachlorocyclopentadiene

Concen: 162.493 ng

RT: 12.534 min Scan# 1623

Delta R.T. -0.018 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

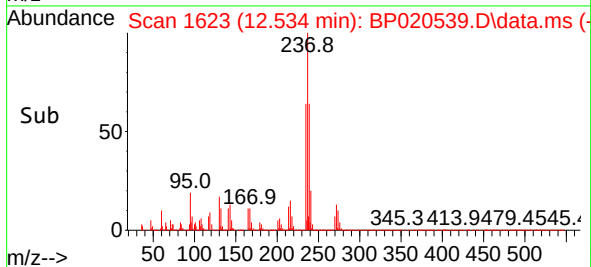
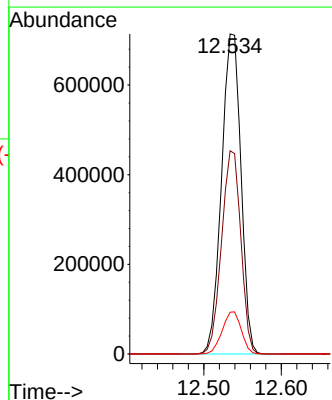
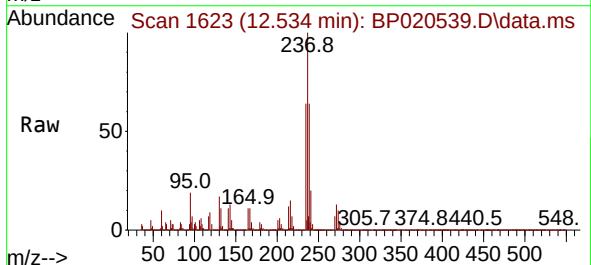
Tgt Ion:237 Resp: 1242102

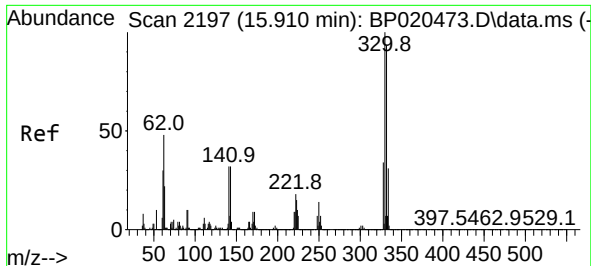
Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

272 13.1 0.0 32.4

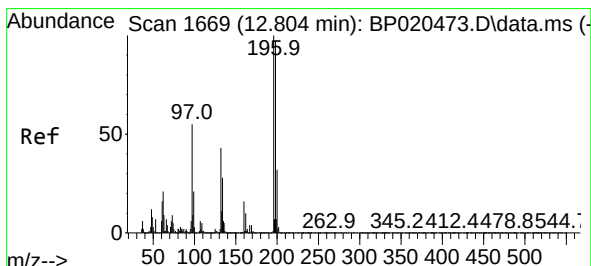
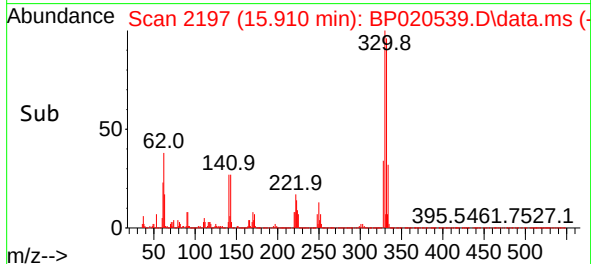
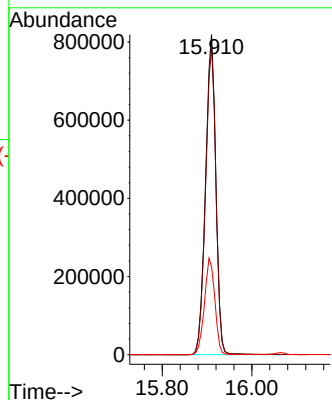
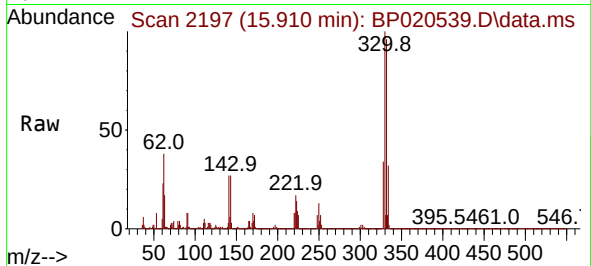




#42
2,4,6-Tribromophenol
Concen: 167.221 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

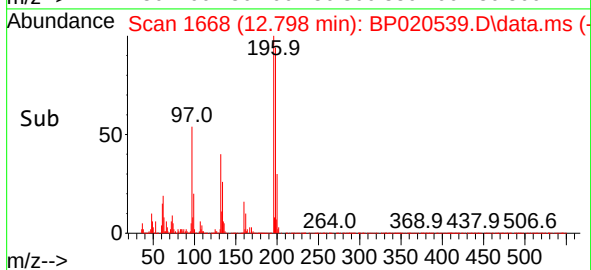
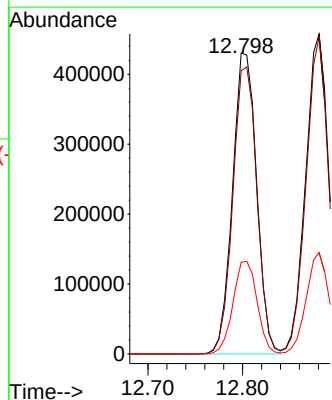
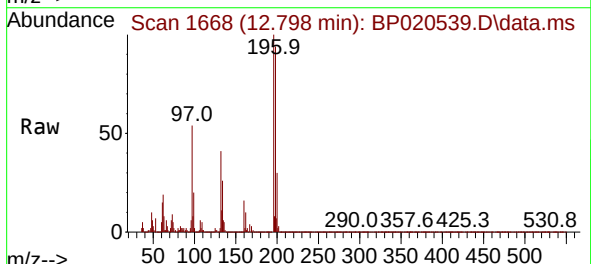
Instrument :
BNA_P
ClientSampleId :
PB161260BS

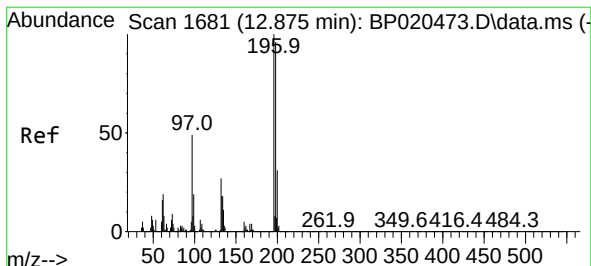
Tgt Ion:330 Resp: 1304582
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 30.5 27.1 40.7



#43
2,4,6-Trichlorophenol
Concen: 57.962 ng
RT: 12.798 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:196 Resp: 762042
Ion Ratio Lower Upper
196 100
198 94.1 77.9 116.9
200 30.5 25.5 38.3





#44

2,4,5-Trichlorophenol

Concen: 51.903 ng

RT: 12.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

Tgt Ion:196 Resp: 787256

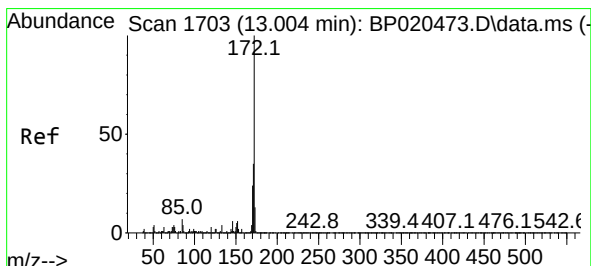
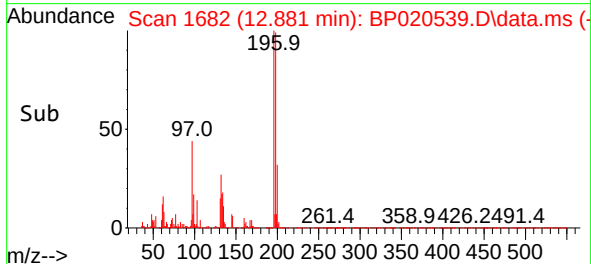
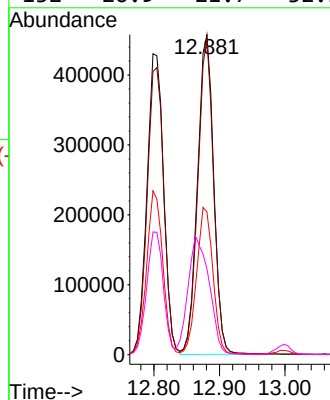
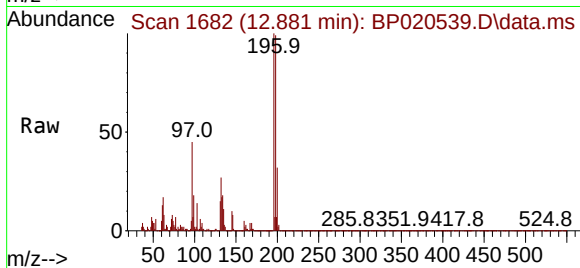
Ion Ratio Lower Upper

196 100

198 99.0 77.0 115.4

97 44.6 38.9 58.3

132 26.9 21.7 32.5



#45

2-Fluorobiphenyl

Concen: 96.993 ng

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

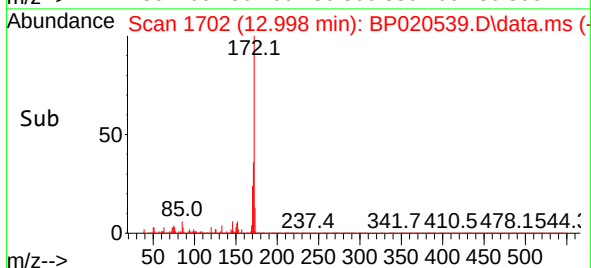
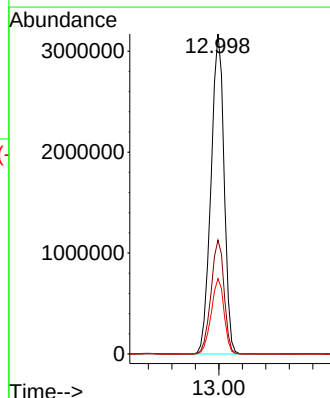
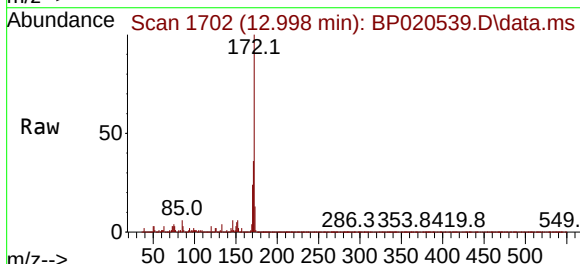
Tgt Ion:172 Resp: 4891124

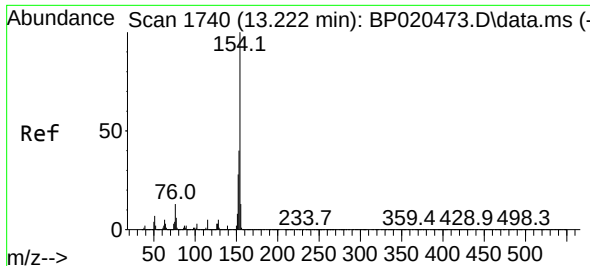
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.5 18.9 28.3

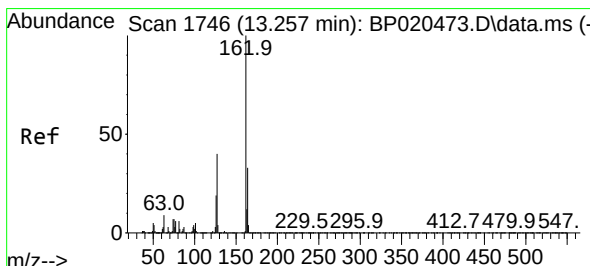
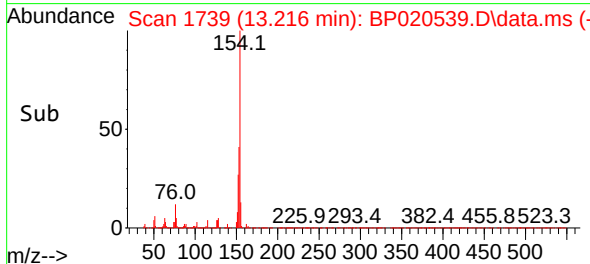
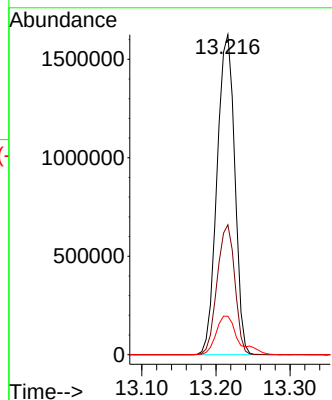
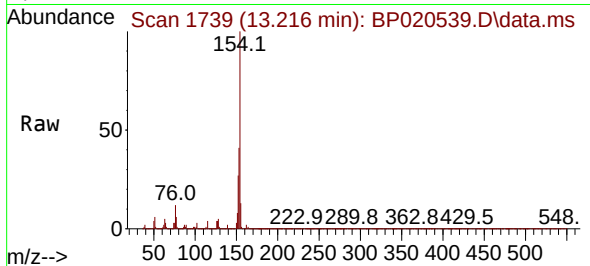




#46
1,1'-Biphenyl
Concen: 50.827 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

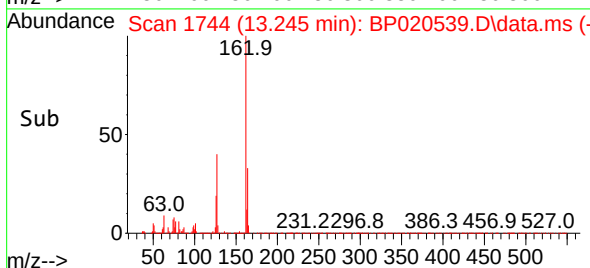
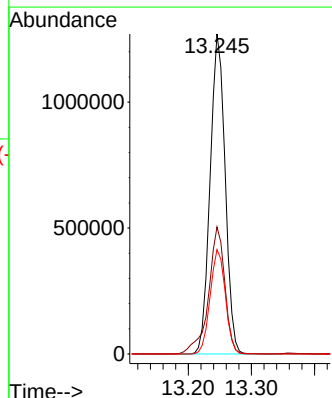
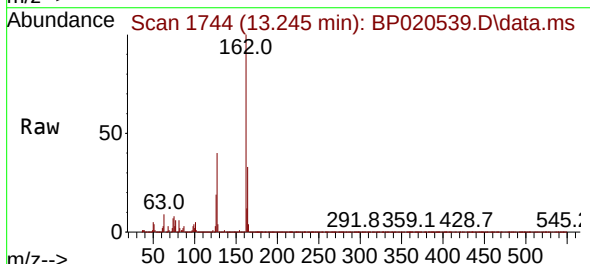
Instrument :
BNA_P
ClientSampleId :
PB161260BS

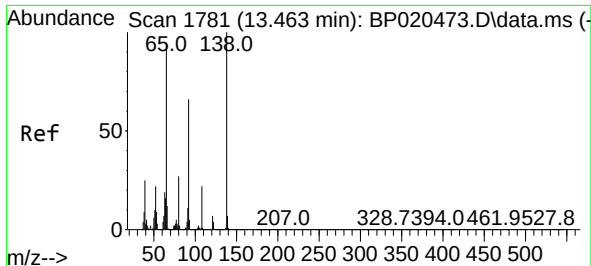
Tgt Ion:154 Resp: 2696521
Ion Ratio Lower Upper
154 100
153 40.6 19.9 59.9
76 12.0 0.0 33.2



#47
2-Chloronaphthalene
Concen: 49.710 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:162 Resp: 2096513
Ion Ratio Lower Upper
162 100
127 39.7 32.2 48.2
164 32.6 26.1 39.1

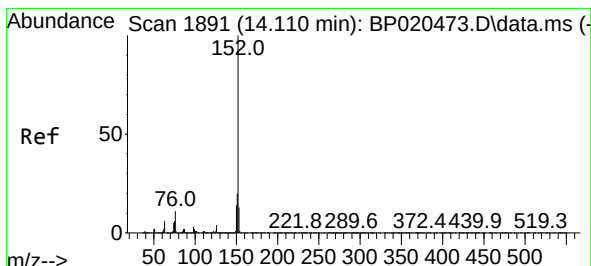
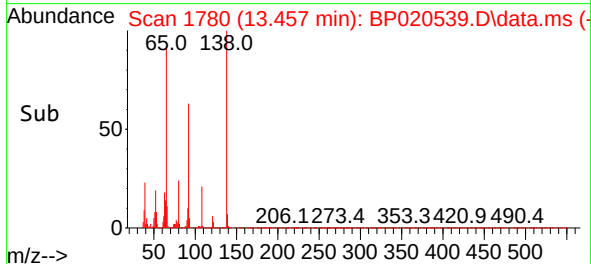
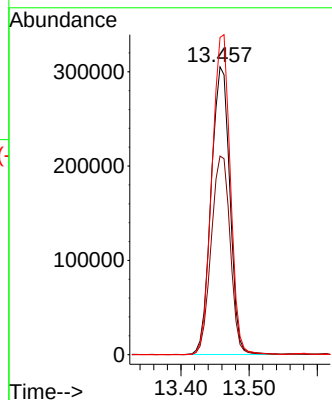
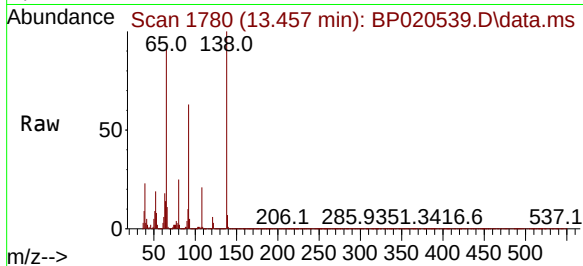




#48
2-Nitroaniline
Concen: 51.168 ng
RT: 13.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

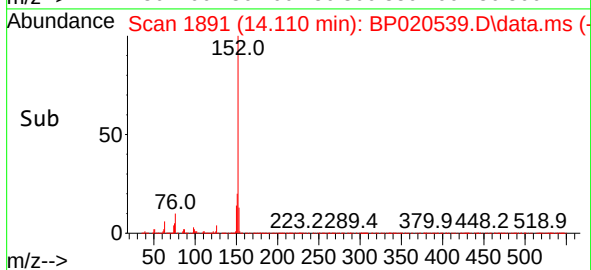
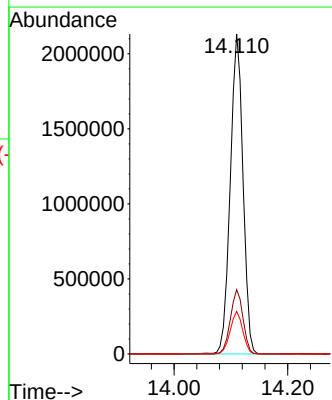
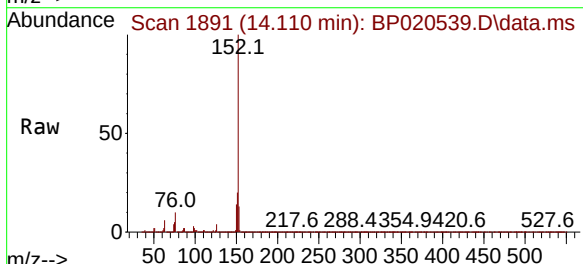
Instrument :
BNA_P
ClientSampleId :
PB161260BS

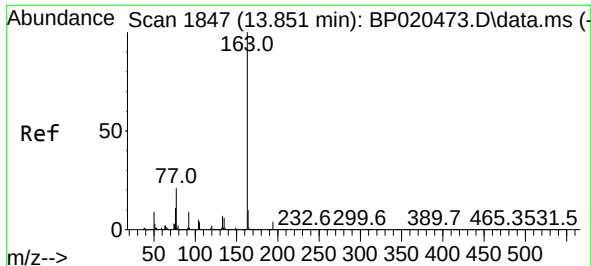
Tgt Ion: 65 Resp: 584759
Ion Ratio Lower Upper
65 100
92 69.0 55.8 83.8
138 110.2 85.2 127.8



#49
Acenaphthylene
Concen: 52.852 ng
RT: 14.110 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:152 Resp: 3307557
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 15.8

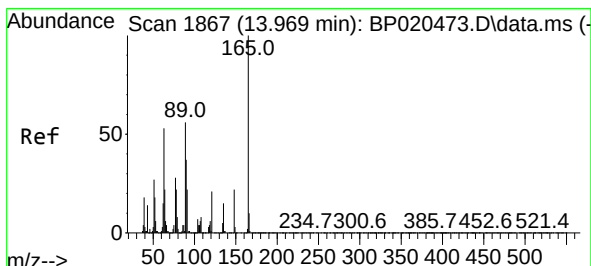
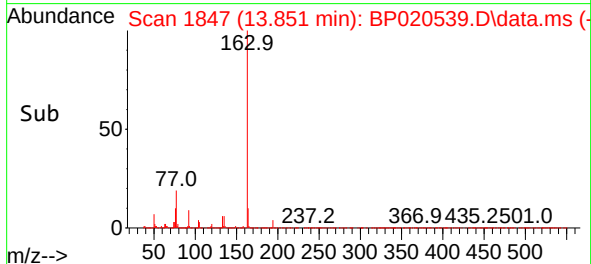
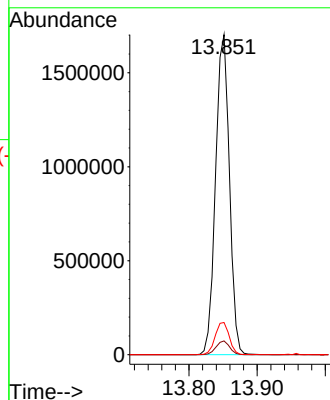
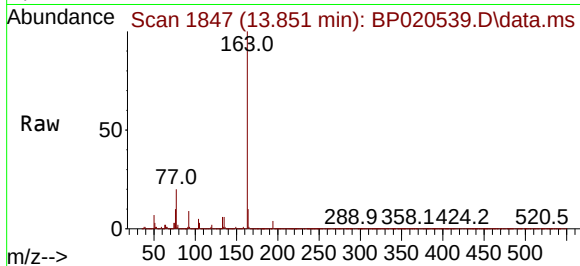




#50
Dimethylphthalate
Concen: 45.401 ng
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

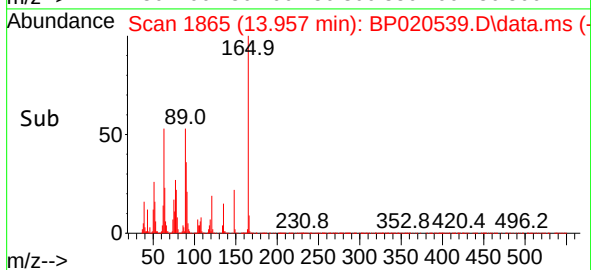
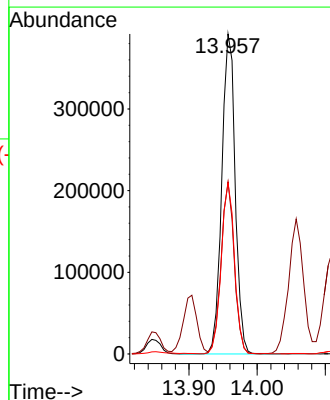
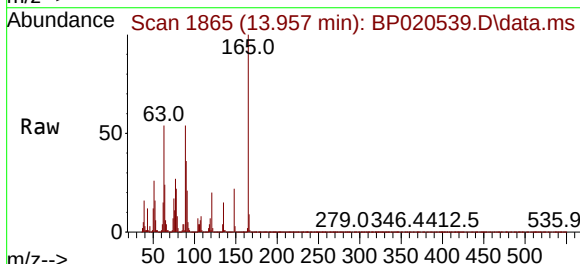
Instrument :
BNA_P
ClientSampleId :
PB161260BS

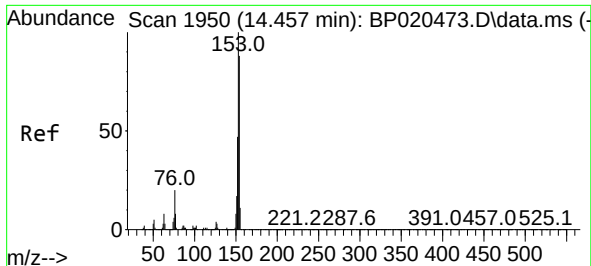
Tgt Ion:163 Resp: 2405742
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 47.325 ng
RT: 13.957 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:165 Resp: 536011
Ion Ratio Lower Upper
165 100
63 53.7 45.6 68.4
89 53.5 44.9 67.3

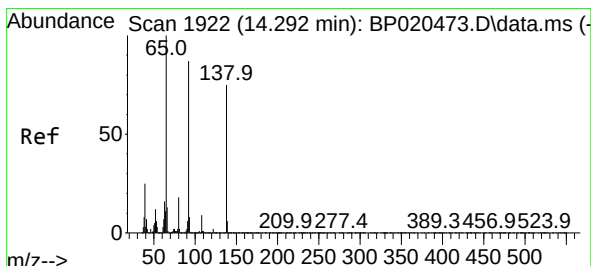
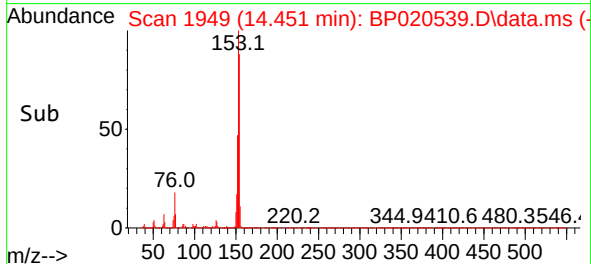
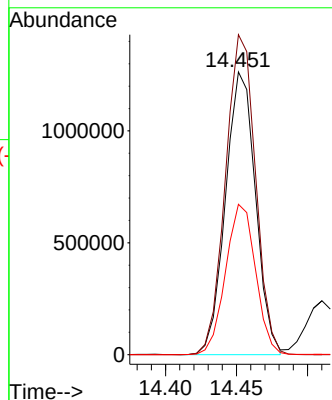
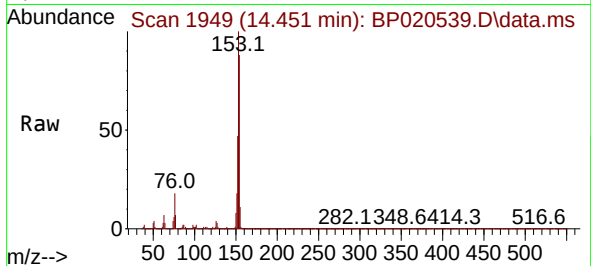




#52
Acenaphthene
Concen: 47.098 ng
RT: 14.451 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

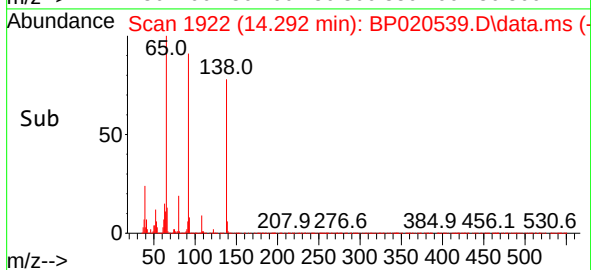
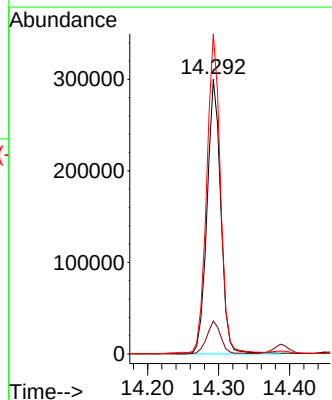
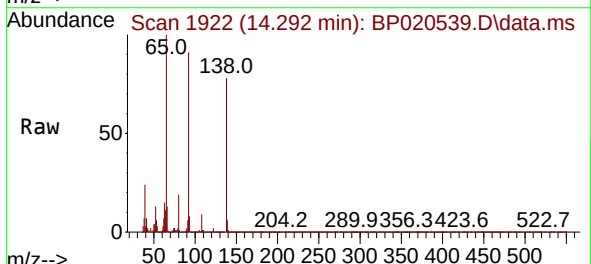
Instrument :
BNA_P
ClientSampleId :
PB161260BS

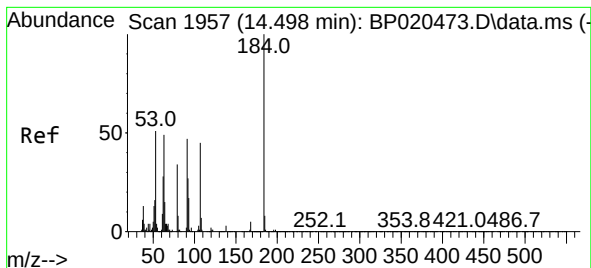
Tgt Ion:154 Resp: 1859211
Ion Ratio Lower Upper
154 100
153 113.2 90.6 136.0
152 53.2 42.6 63.8



#53
3-Nitroaniline
Concen: 35.563 ng
RT: 14.292 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:138 Resp: 404027
Ion Ratio Lower Upper
138 100
108 12.0 9.8 14.6
92 116.5 93.5 140.3

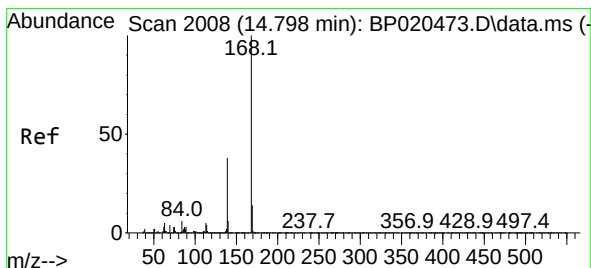
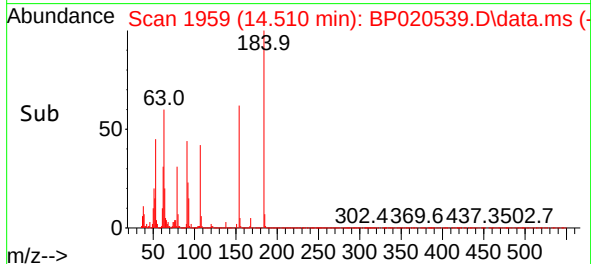
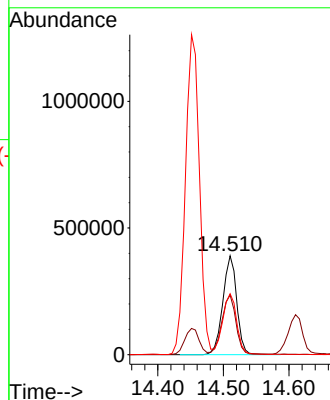
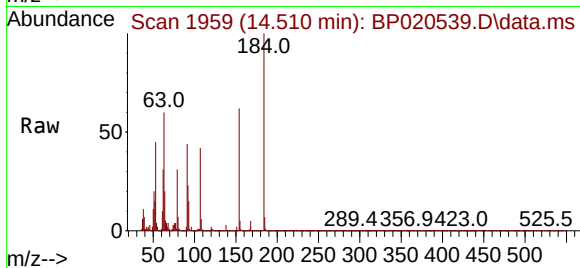




#54
2,4-Dinitrophenol
Concen: 102.475 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

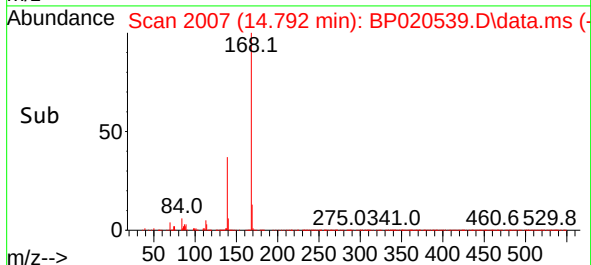
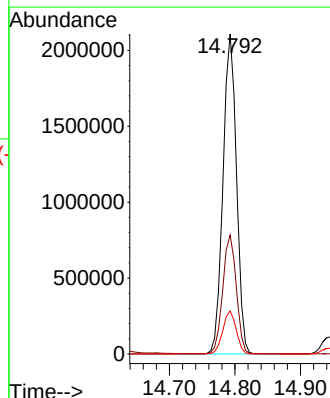
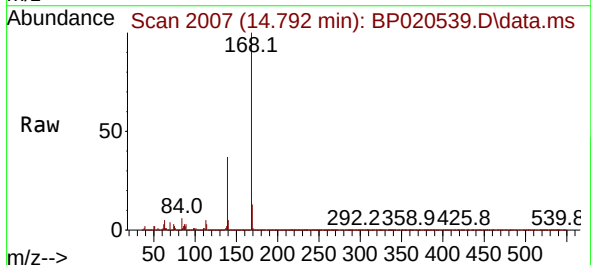
Instrument :
BNA_P
ClientSampleId :
PB161260BS

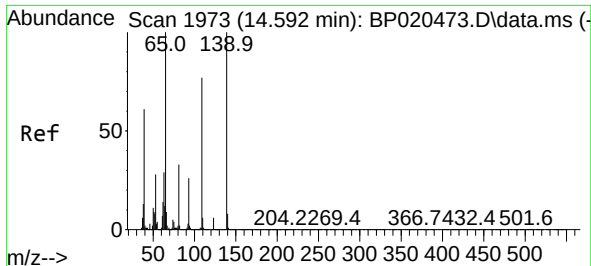
Tgt Ion:184 Resp: 573760
Ion Ratio Lower Upper
184 100
63 60.3 54.2 81.4
154 61.7 51.0 76.6



#55
Dibenzofuran
Concen: 47.882 ng
RT: 14.792 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:168 Resp: 2994196
Ion Ratio Lower Upper
168 100
139 37.2 30.4 45.6
169 13.4 11.0 16.4

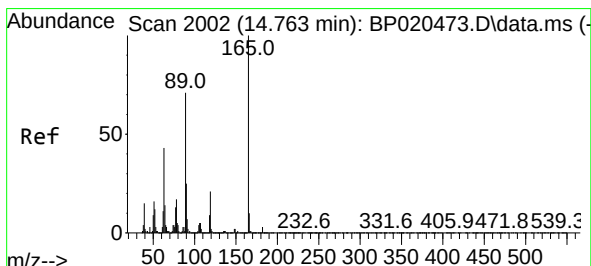
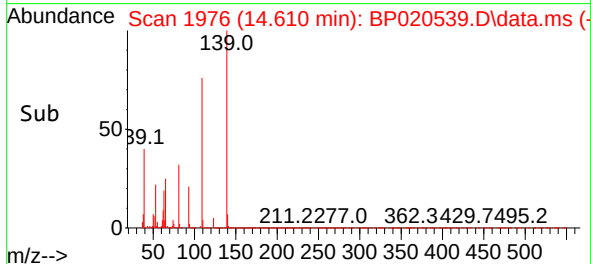
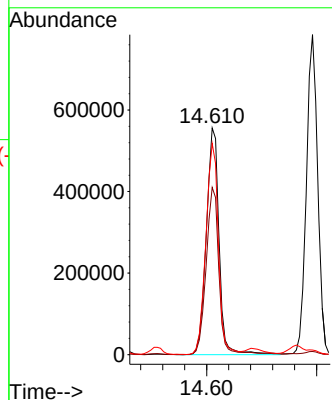
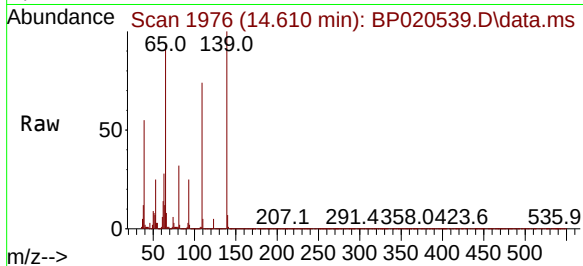




#56
4-Nitrophenol
Concen: 101.839 ng
RT: 14.610 min Scan# 1976
Delta R.T. 0.018 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

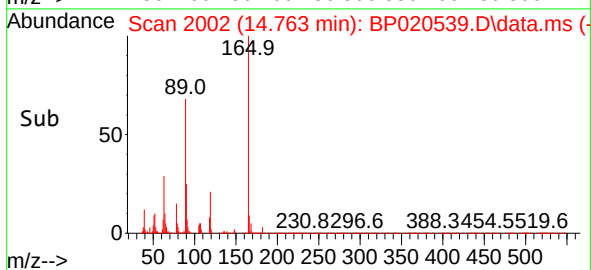
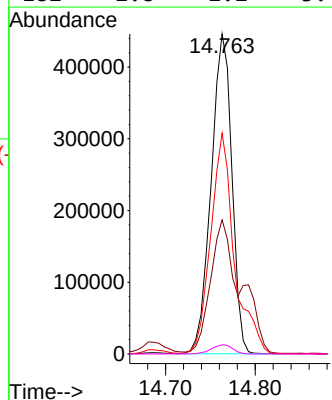
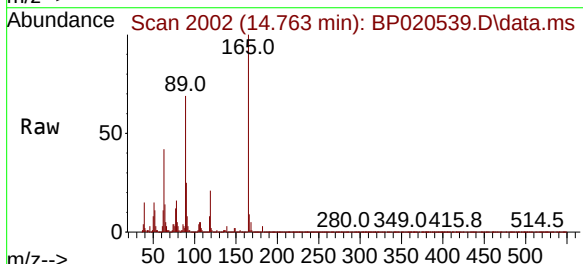
Instrument :
BNA_P
ClientSampleId :
PB161260BS

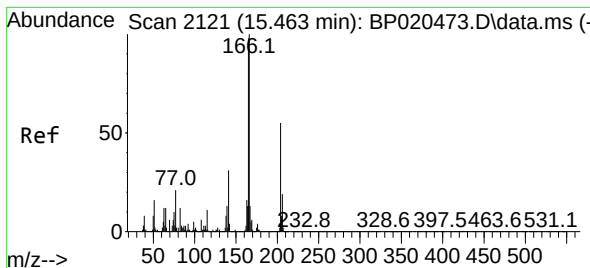
Tgt Ion:139 Resp: 894994
Ion Ratio Lower Upper
139 100
109 73.8 57.4 97.4
65 93.2 80.4 120.4



#57
2,4-Dinitrotoluene
Concen: 48.002 ng
RT: 14.763 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:165 Resp: 714499
Ion Ratio Lower Upper
165 100
63 41.9 34.9 52.3
89 69.0 56.6 85.0
182 2.8 2.2 3.4





#58

Fluorene

Concen: 45.740 ng

RT: 15.451 min Scan# 2121

Delta R.T. -0.012 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

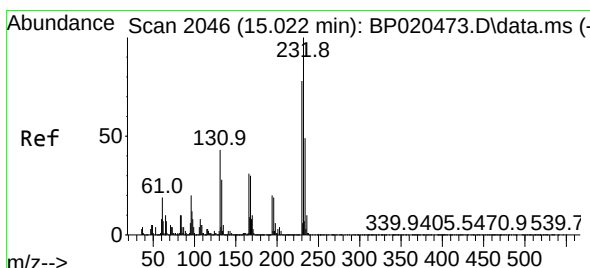
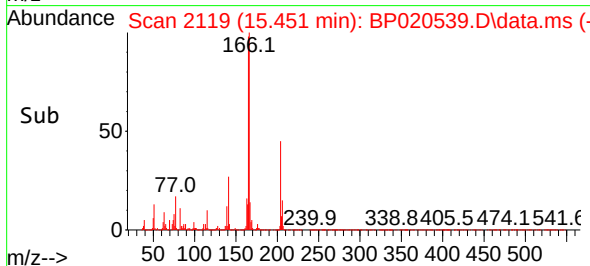
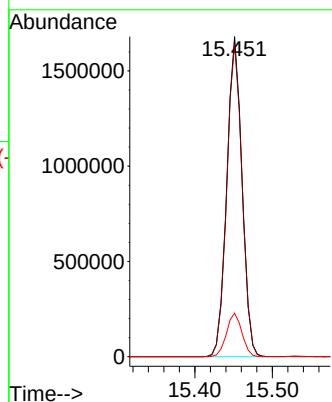
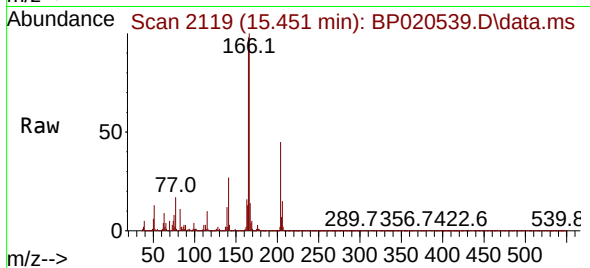
Tgt Ion:166 Resp: 2296195

Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.4

167 13.6 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 52.642 ng

RT: 15.022 min Scan# 2046

Delta R.T. 0.000 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Tgt Ion:232 Resp: 653429

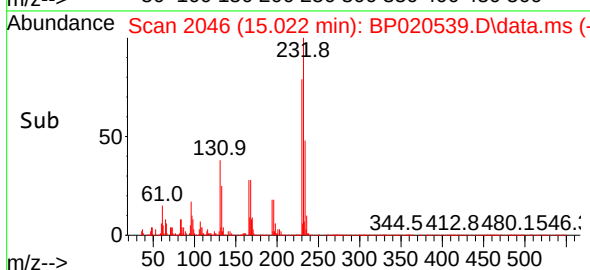
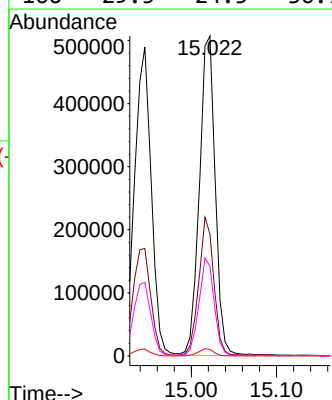
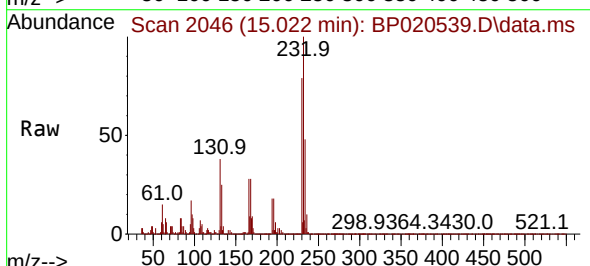
Ion Ratio Lower Upper

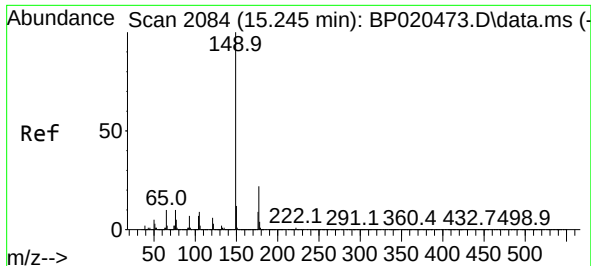
232 100

131 41.0 34.8 52.2

130 2.2 1.9 2.9

166 29.5 24.5 36.7

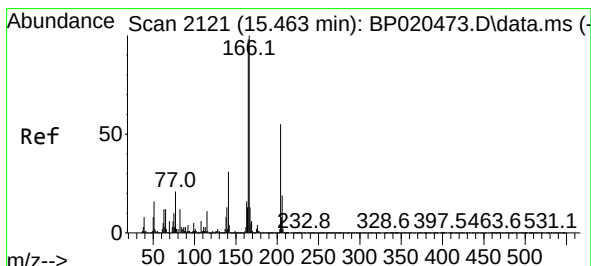
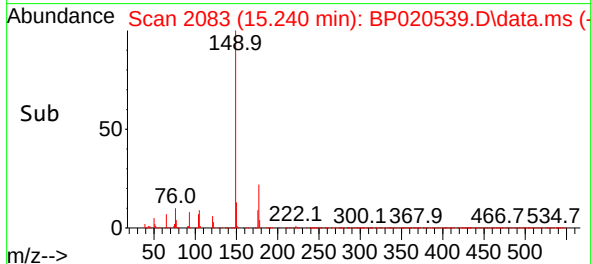
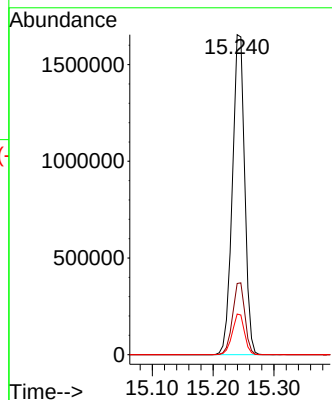
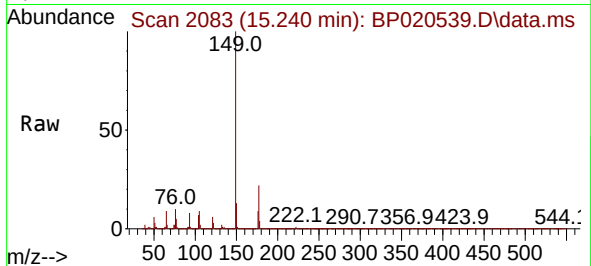




#60
Diethylphthalate
Concen: 43.157 ng
RT: 15.240 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

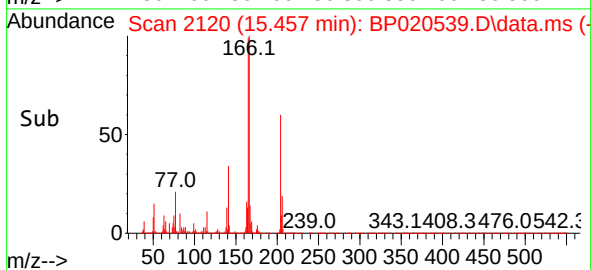
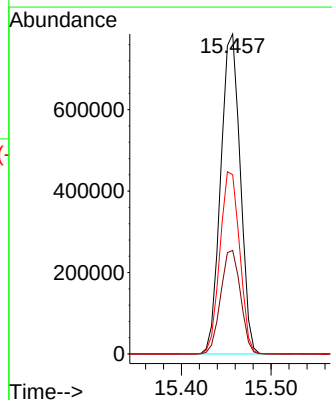
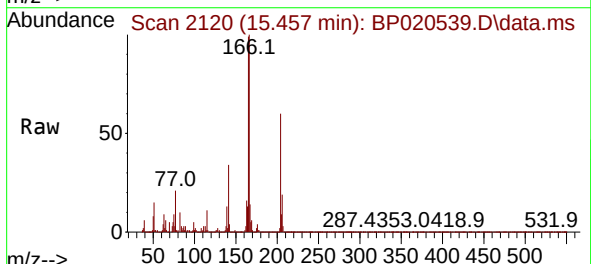
Instrument :
BNA_P
ClientSampleId :
PB161260BS

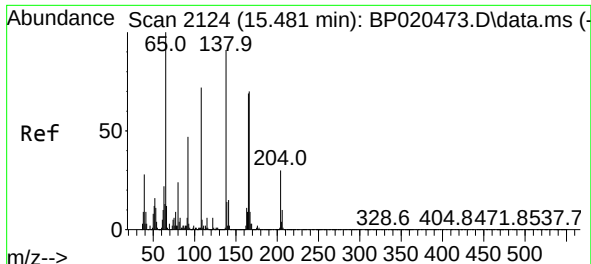
Tgt Ion:149 Resp: 2324660
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.7 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 45.821 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:204 Resp: 1187020
Ion Ratio Lower Upper
204 100
206 32.3 27.0 40.4
141 56.0 45.0 67.6

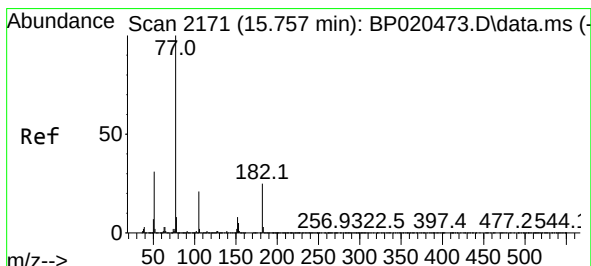
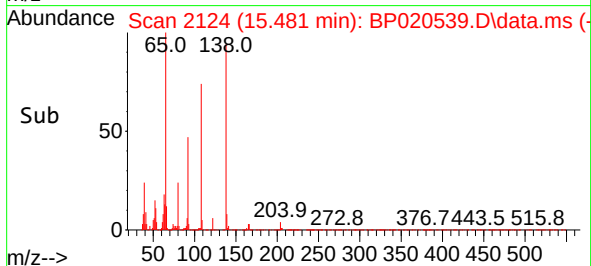
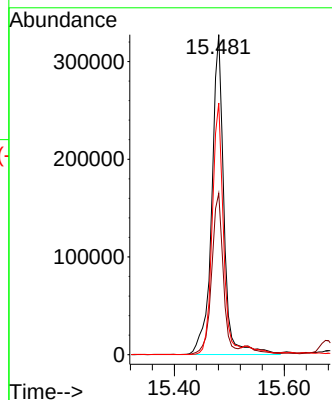
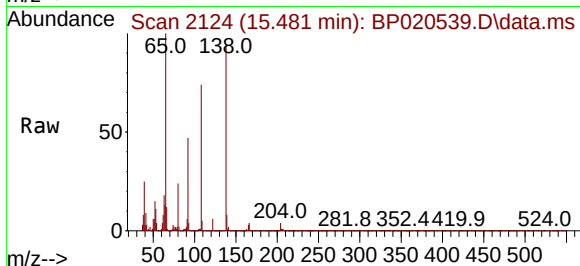




#62
4-Nitroaniline
Concen: 43.182 ng
RT: 15.481 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

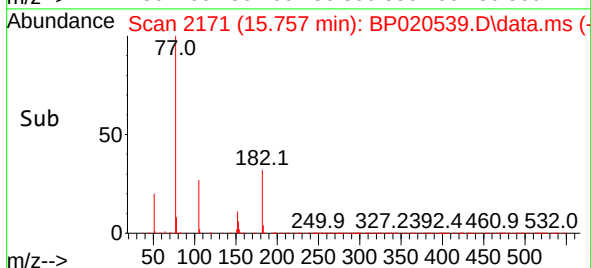
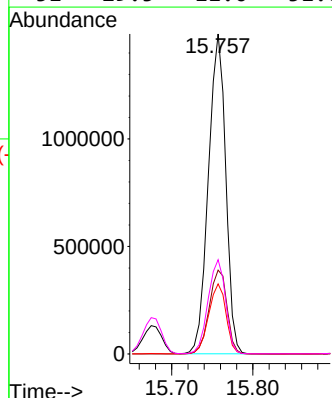
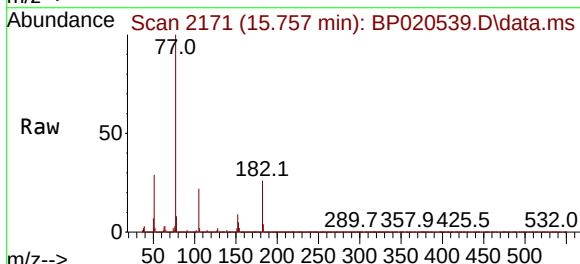
Instrument :
BNA_P
ClientSampleId :
PB161260BS

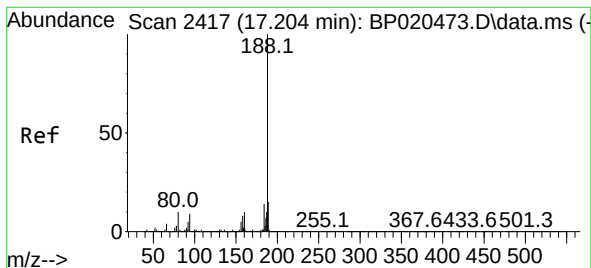
Tgt Ion:138 Resp: 505358
Ion Ratio Lower Upper
138 100
92 50.4 31.7 71.7
108 78.7 59.9 99.9



#63
Azobenzene
Concen: 43.754 ng
RT: 15.757 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion: 77 Resp: 2200686
Ion Ratio Lower Upper
77 100
182 26.2 4.6 44.6
105 21.9 1.2 41.2
51 29.5 11.0 51.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

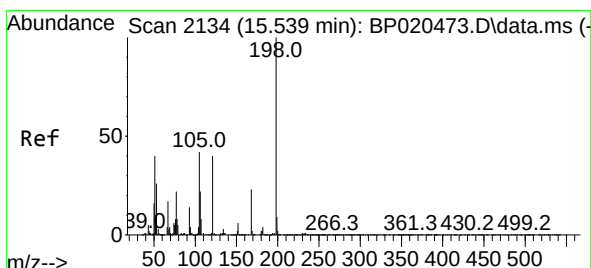
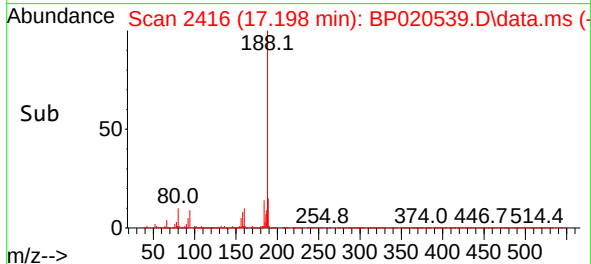
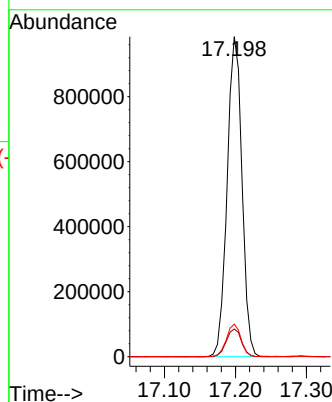
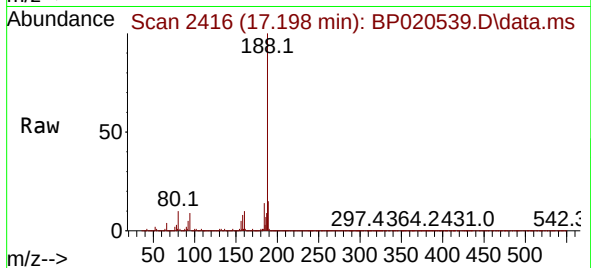
Tgt Ion:188 Resp: 1421156

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 10.2 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 56.979 ng

RT: 15.534 min Scan# 2133

Delta R.T. -0.005 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

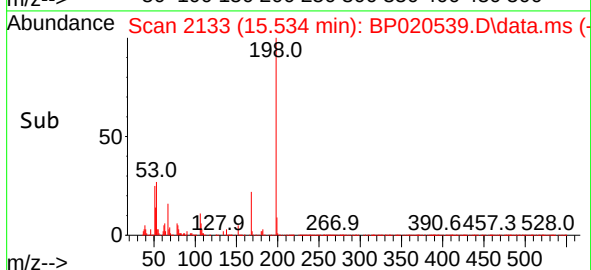
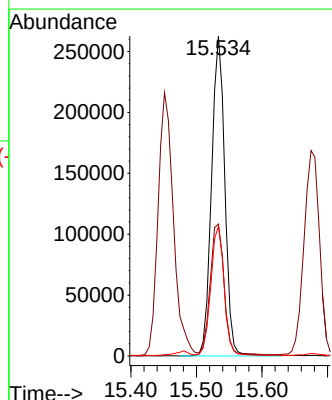
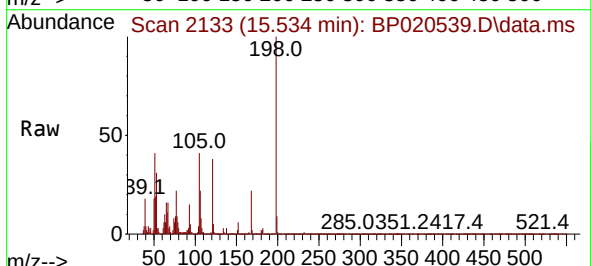
Tgt Ion:198 Resp: 369735

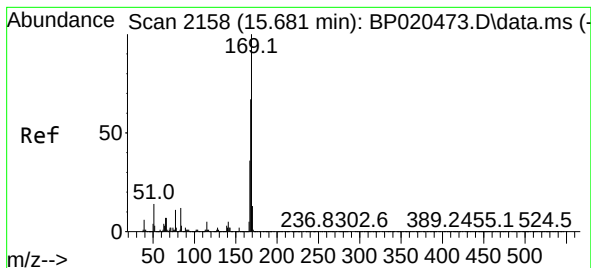
Ion Ratio Lower Upper

198 100

51 41.2 24.8 64.8

105 40.6 23.2 63.2





#66

n-Nitrosodiphenylamine

Concen: 50.920 ng

RT: 15.681 min Scan# 2158

Delta R.T. 0.000 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

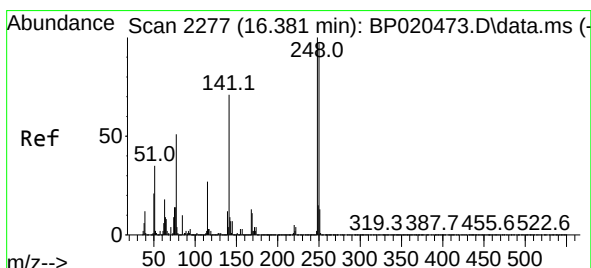
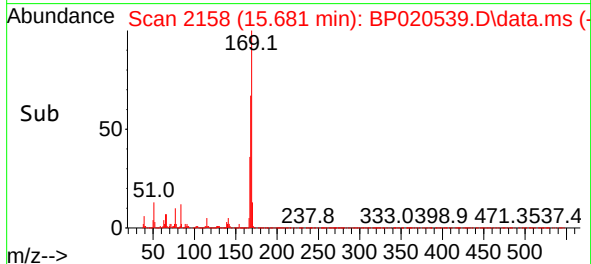
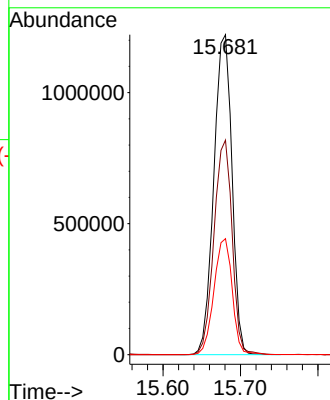
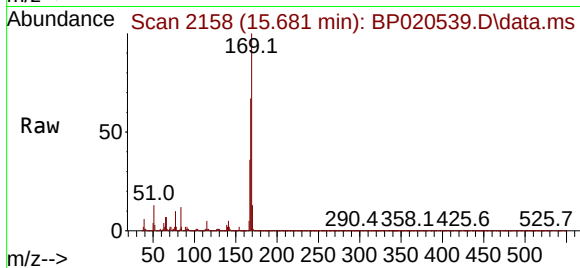
Tgt Ion:169 Resp: 1989550

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.0

167 36.2 28.7 43.1



#67

4-Bromophenyl-phenylether

Concen: 53.577 ng

RT: 16.375 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

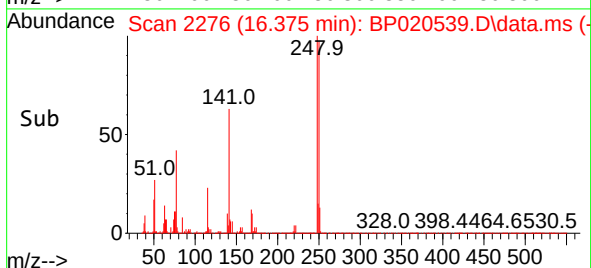
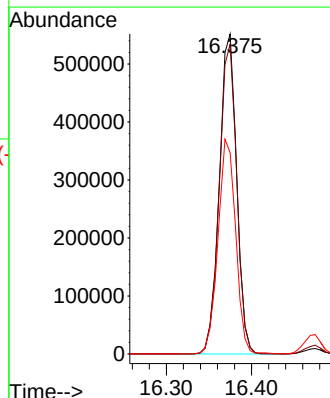
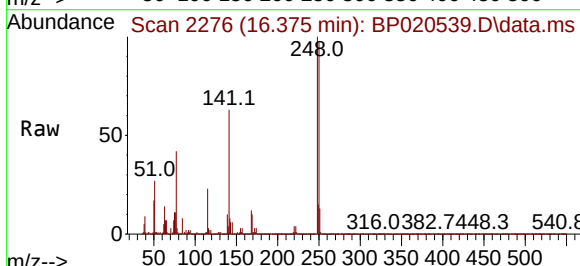
Tgt Ion:248 Resp: 778975

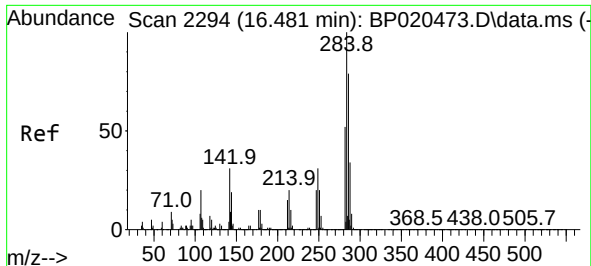
Ion Ratio Lower Upper

248 100

250 96.8 77.4 116.0

141 62.9 56.5 84.7

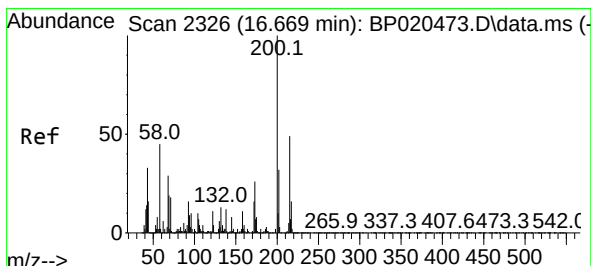
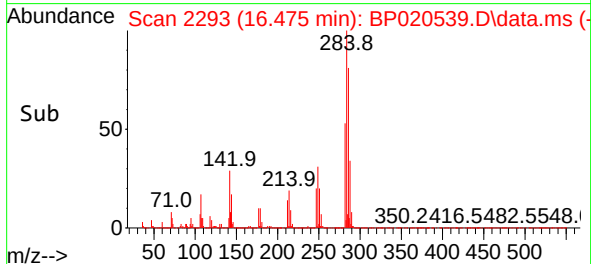
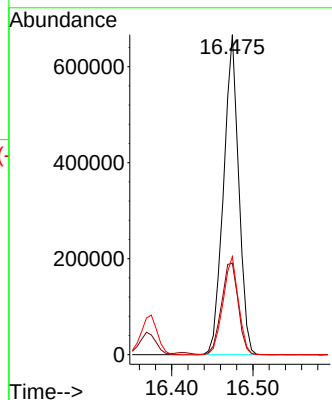
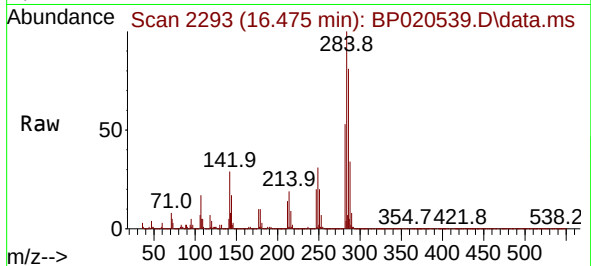




#68
Hexachlorobenzene
Concen: 50.706 ng
RT: 16.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

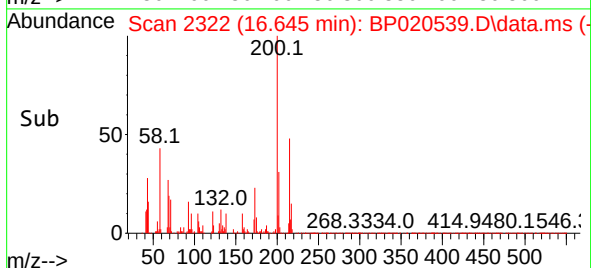
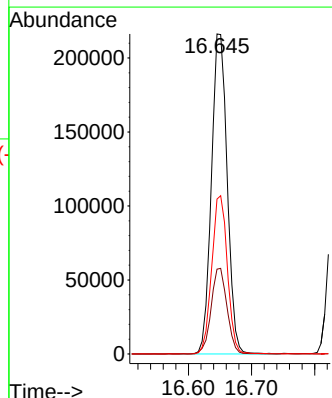
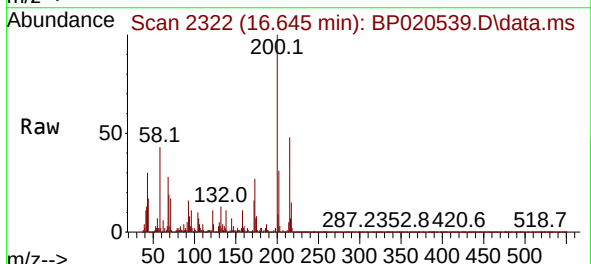
Instrument :
BNA_P
ClientSampleId :
PB161260BS

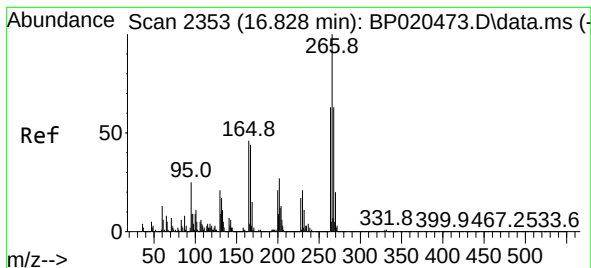
Tgt Ion:284 Resp: 867650
Ion Ratio Lower Upper
284 100
142 28.6 24.5 36.7
249 30.6 25.3 37.9



#69
Atrazine
Concen: 27.266 ng
RT: 16.645 min Scan# 2322
Delta R.T. -0.024 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:200 Resp: 374808
Ion Ratio Lower Upper
200 100
173 26.5 6.1 46.1
215 48.4 28.7 68.7





#70

Pentachlorophenol

Concen: 103.896 ng

RT: 16.834 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

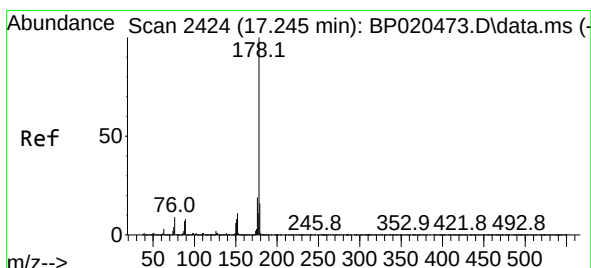
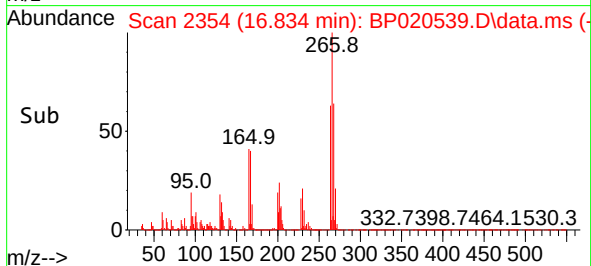
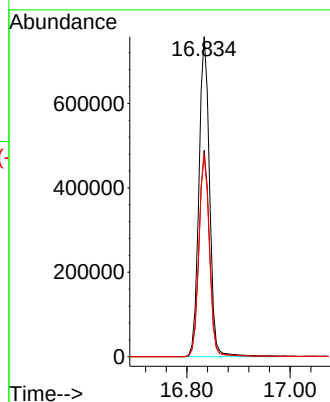
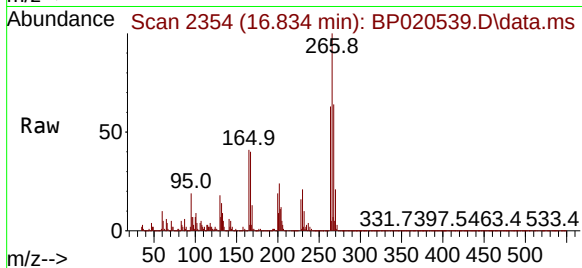
Tgt Ion:266 Resp: 1079747

Ion Ratio Lower Upper

266 100

268 64.5 50.1 75.1

264 62.7 50.6 76.0



#71

Phenanthrene

Concen: 49.660 ng

RT: 17.245 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

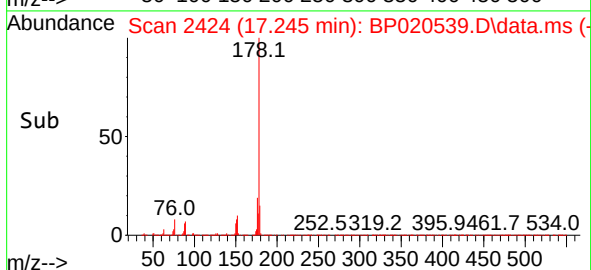
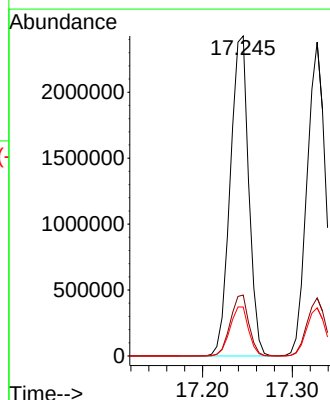
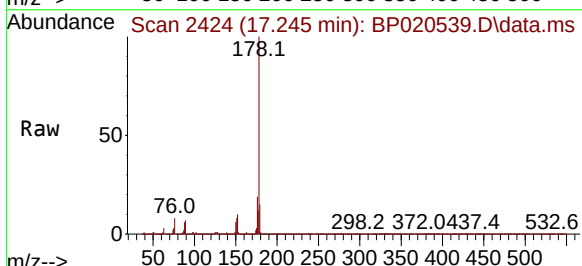
Tgt Ion:178 Resp: 3469228

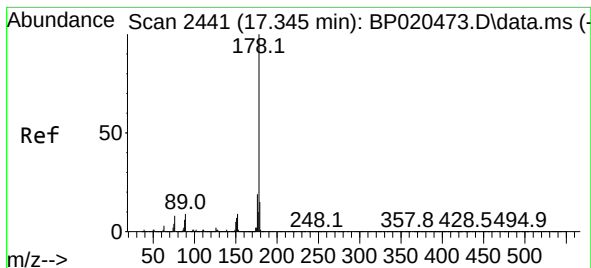
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.3 12.5 18.7





#72

Anthracene

Concen: 49.625 ng

RT: 17.328 min Scan# 2441

Delta R.T. -0.018 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

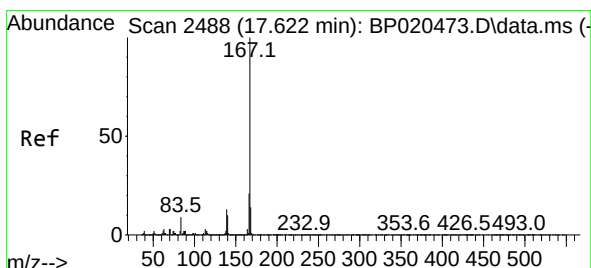
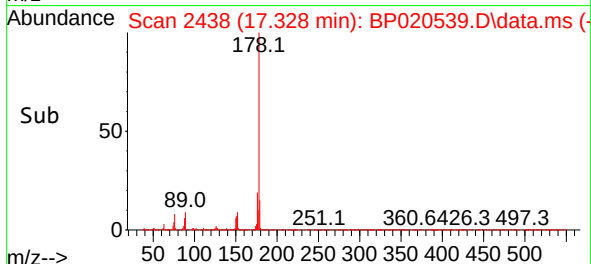
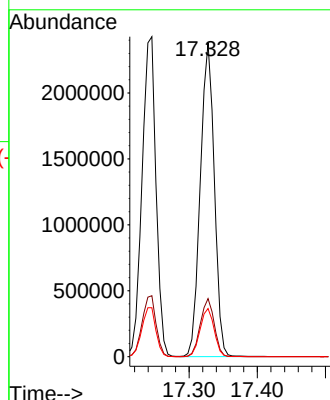
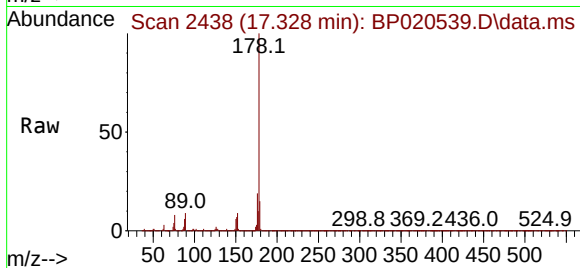
Tgt Ion:178 Resp: 3401875

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.3 12.2 18.4



#73

Carbazole

Concen: 45.995 ng

RT: 17.616 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

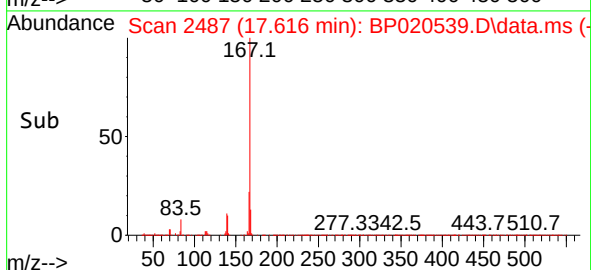
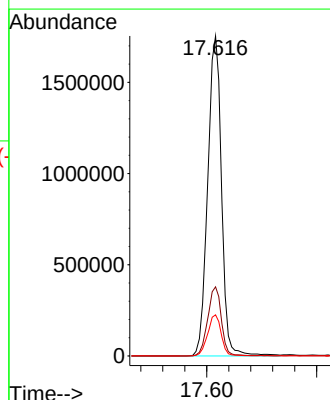
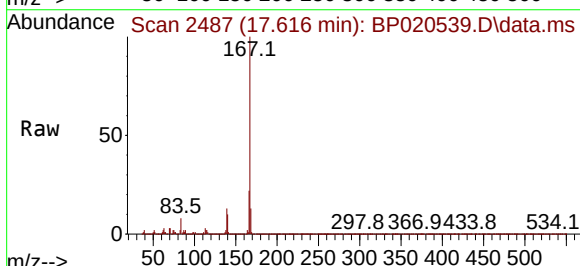
Tgt Ion:167 Resp: 3049872

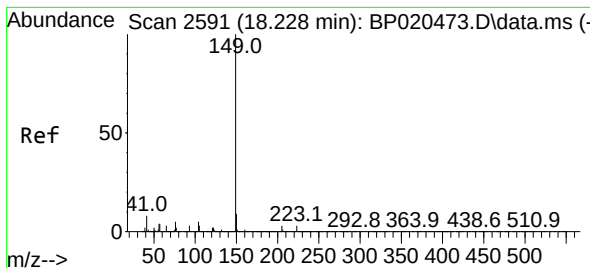
Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 12.9 10.5 15.7





#74

Di-n-butylphthalate

Concen: 47.098 ng

RT: 18.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

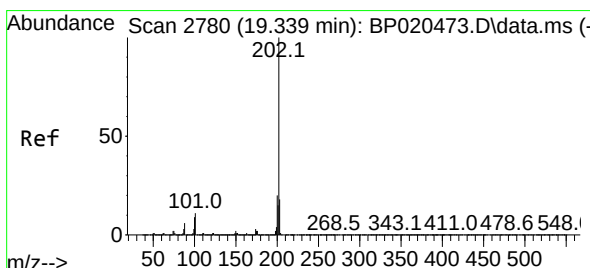
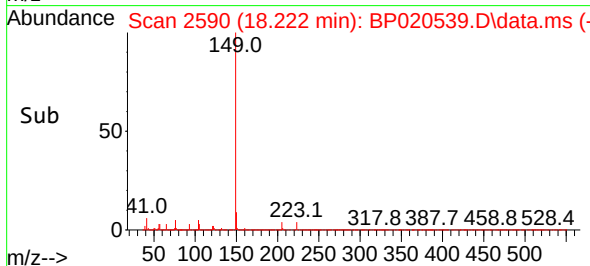
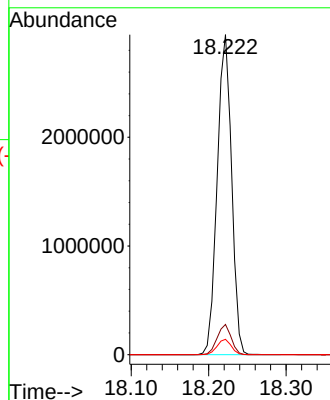
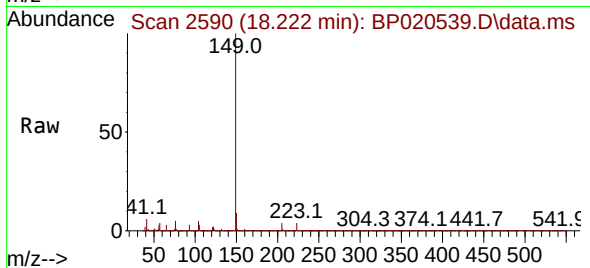
Tgt Ion:149 Resp: 3781895

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.8 4.2 6.2



#75

Fluoranthene

Concen: 46.592 ng

RT: 19.322 min Scan# 2777

Delta R.T. -0.018 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

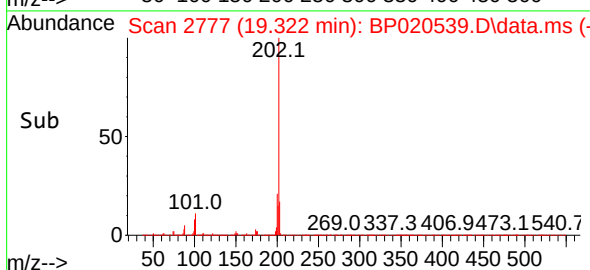
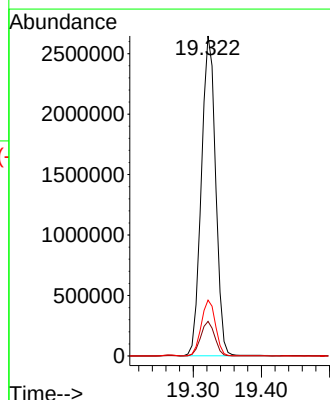
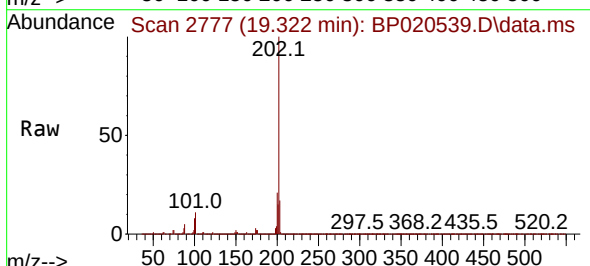
Tgt Ion:202 Resp: 3850707

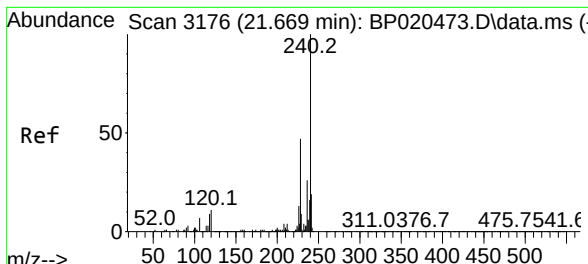
Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

203 17.5 0.0 37.7

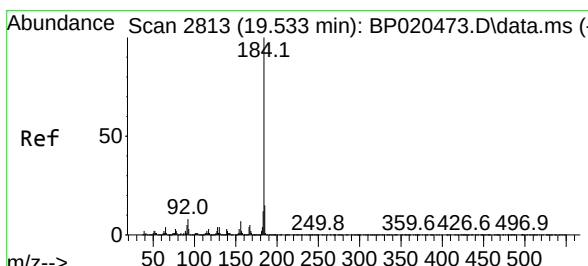
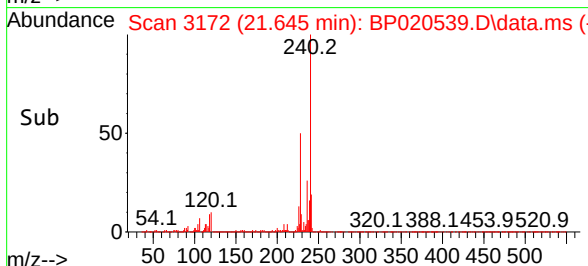
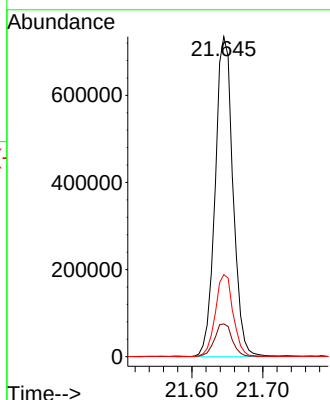
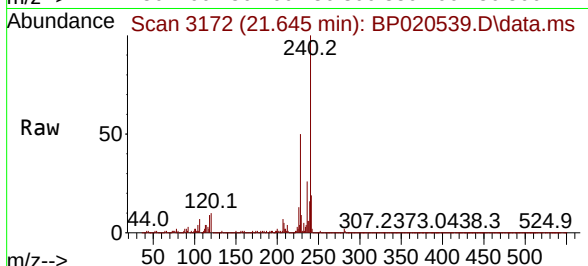




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3172
Delta R.T. -0.024 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

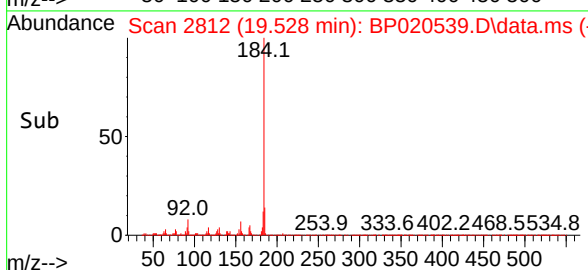
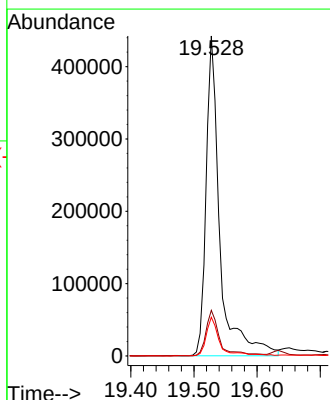
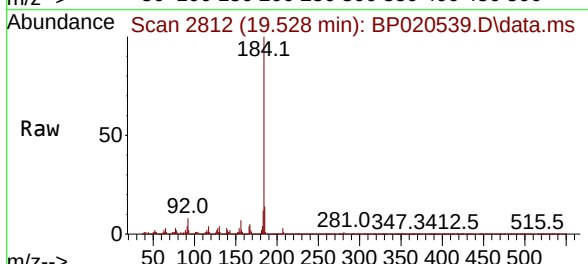
Instrument :
BNA_P
ClientSampleId :
PB161260BS

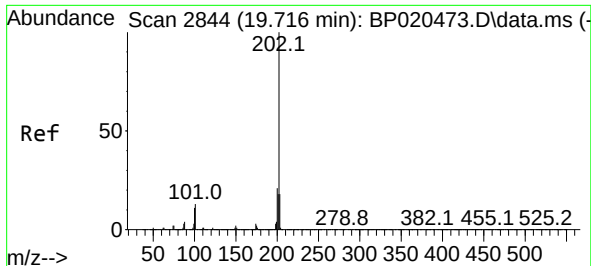
Tgt Ion:240 Resp: 1272675
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 25.6 20.5 30.7



#77
Benzidine
Concen: 18.981 ng
RT: 19.528 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:184 Resp: 672291
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 12.1 9.4 14.0

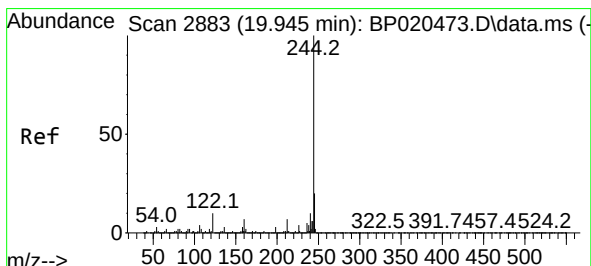
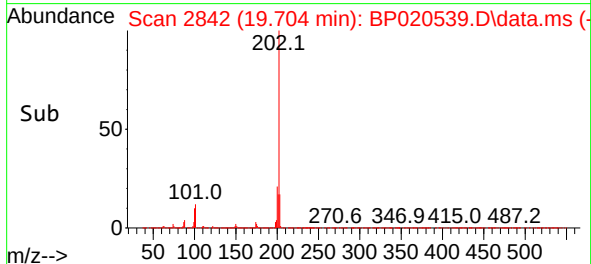
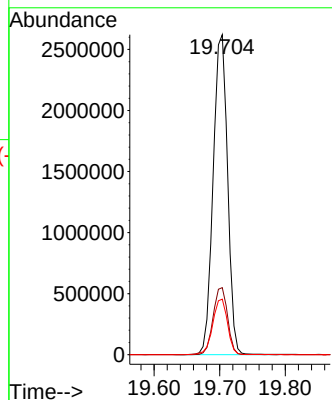
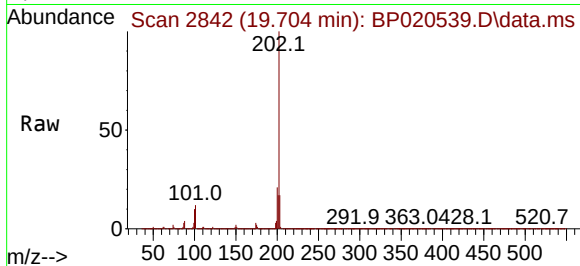




#78
 Pyrene
 Concen: 41.755 ng
 RT: 19.704 min Scan# 2842
 Delta R.T. -0.012 min
 Lab File: BP020539.D
 Acq: 06 Jun 2024 12:57

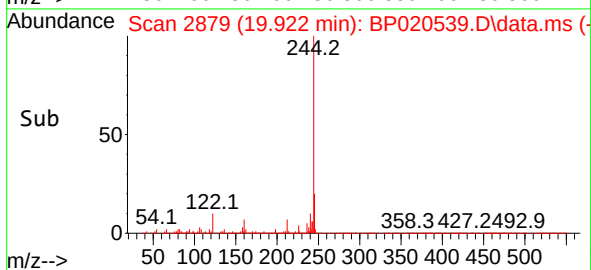
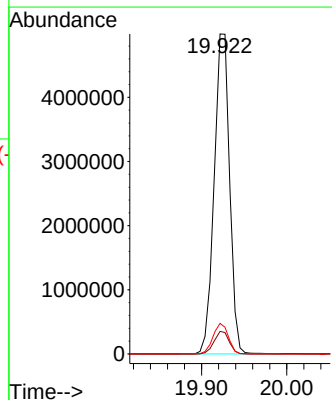
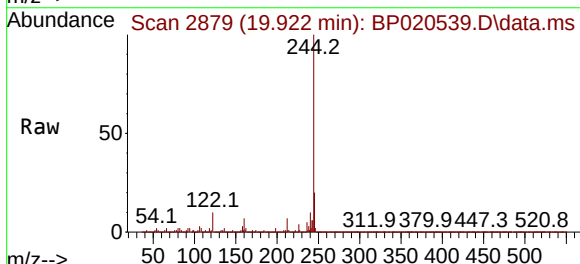
Instrument :
 BNA_P
 ClientSampleId :
 PB161260BS

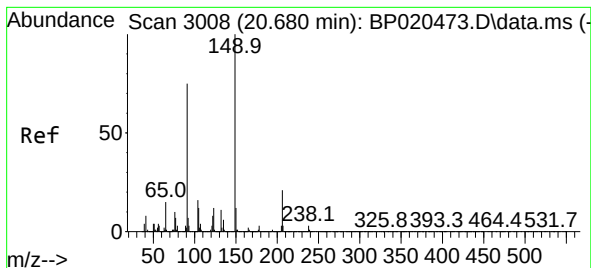
Tgt Ion:202 Resp: 3997172
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.9 25.3
 203 17.4 14.1 21.1



#79
 Terphenyl-d14
 Concen: 82.220 ng
 RT: 19.922 min Scan# 2879
 Delta R.T. -0.023 min
 Lab File: BP020539.D
 Acq: 06 Jun 2024 12:57

Tgt Ion:244 Resp: 6285659
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.5 8.2 12.2





#80

Butylbenzylphthalate

Concen: 43.128 ng

RT: 20.669 min Scan# 3008

Delta R.T. -0.011 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

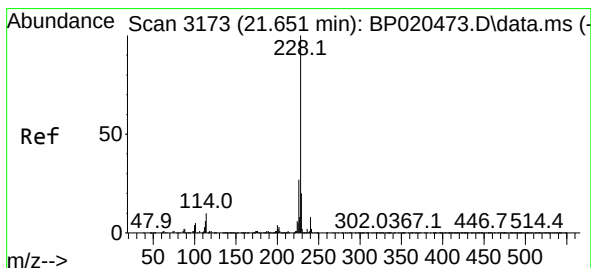
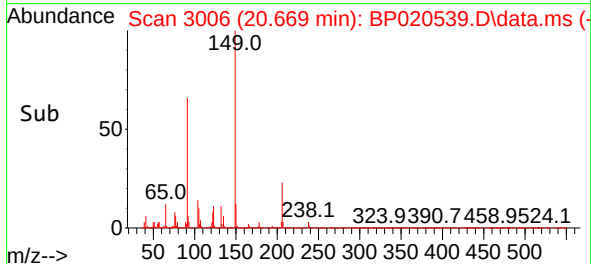
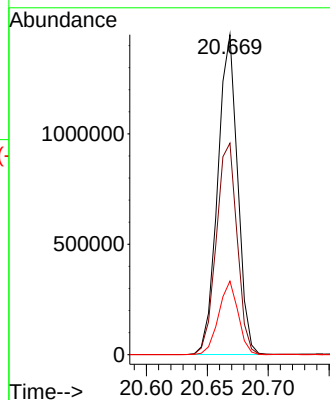
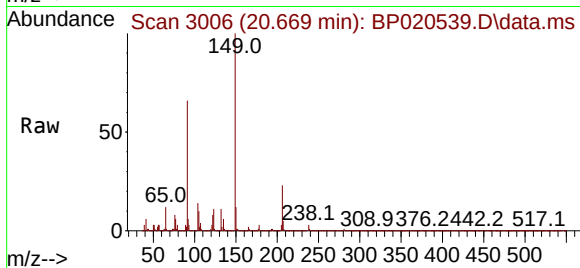
Tgt Ion:149 Resp: 1652653

Ion Ratio Lower Upper

149 100

91 66.1 60.0 90.0

206 23.0 16.6 25.0



#81

Benzo(a)anthracene

Concen: 49.361 ng

RT: 21.622 min Scan# 3168

Delta R.T. -0.029 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

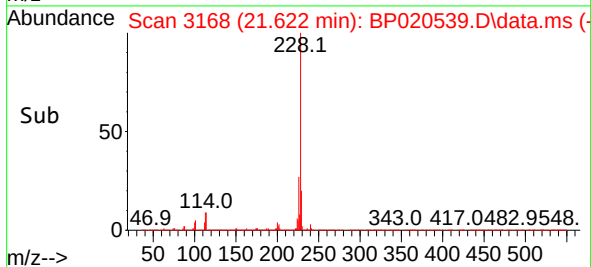
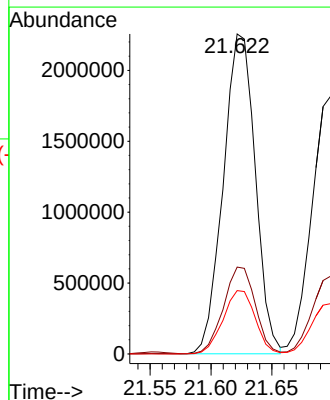
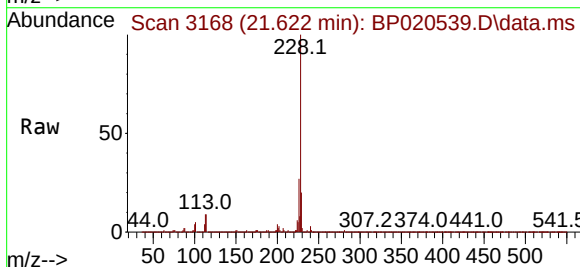
Tgt Ion:228 Resp: 4136386

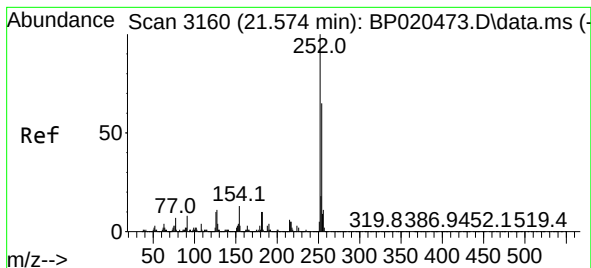
Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.8 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 51.866 ng

RT: 21.551 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

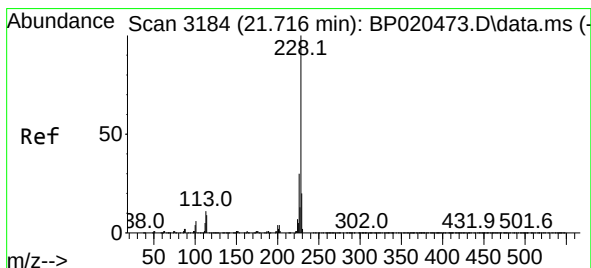
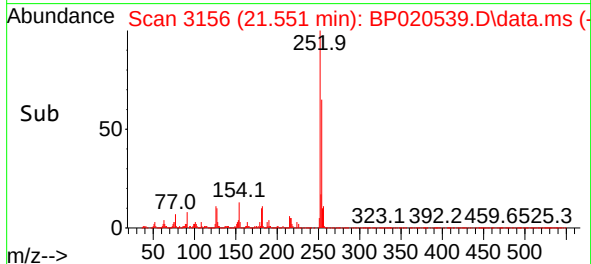
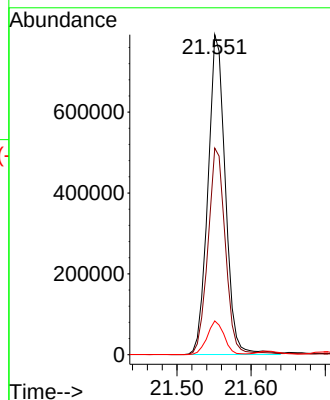
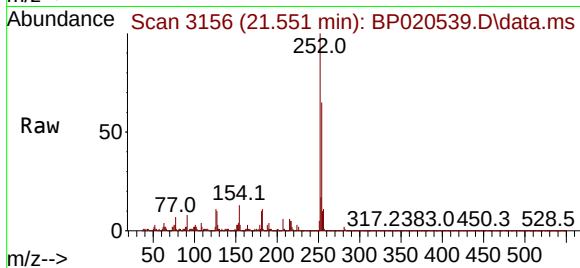
Tgt Ion:252 Resp: 1291991

Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 10.6 8.3 12.5



#83

Chrysene

Concen: 49.125 ng

RT: 21.704 min Scan# 3182

Delta R.T. -0.012 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

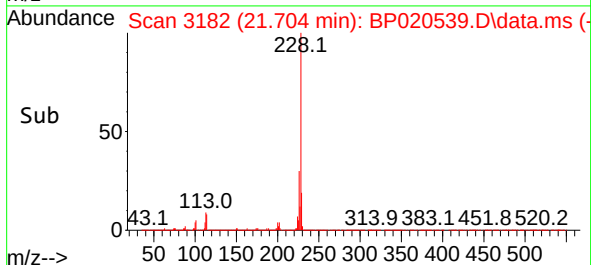
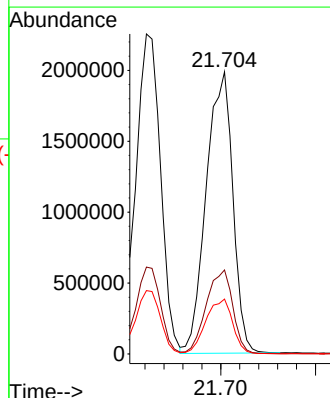
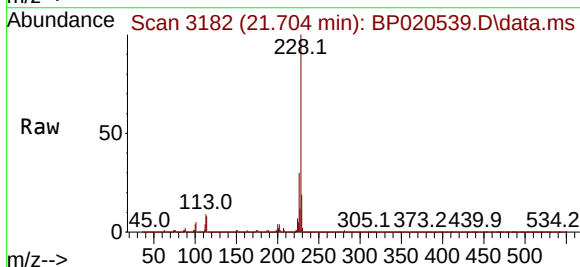
Tgt Ion:228 Resp: 3878982

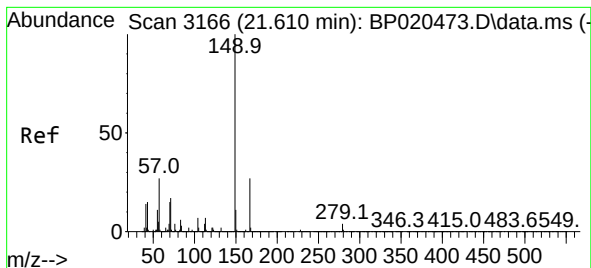
Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.4 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.338 ng

RT: 21.580 min Scan# 3166

Delta R.T. -0.029 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

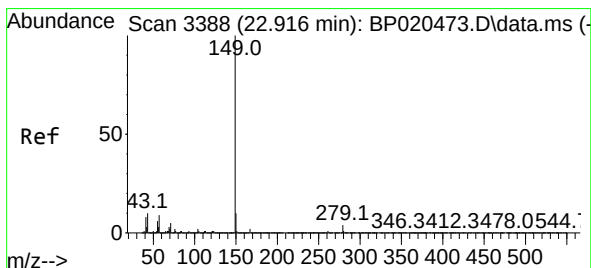
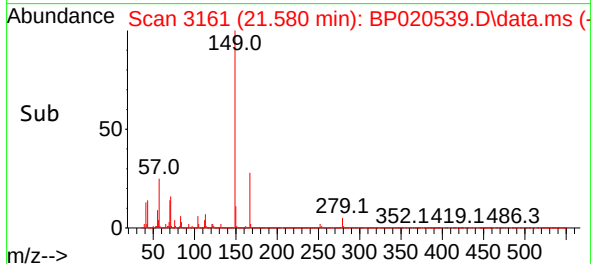
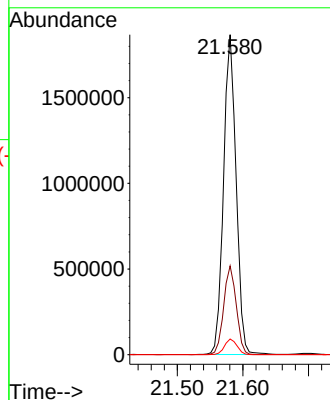
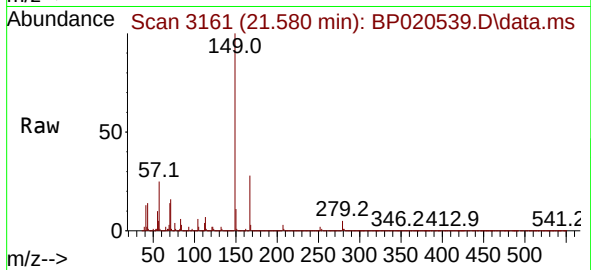
Tgt Ion:149 Resp: 2470078

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 4.9 3.4 5.0



#85

Di-n-octyl phthalate

Concen: 57.582 ng

RT: 22.880 min Scan# 3382

Delta R.T. -0.036 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

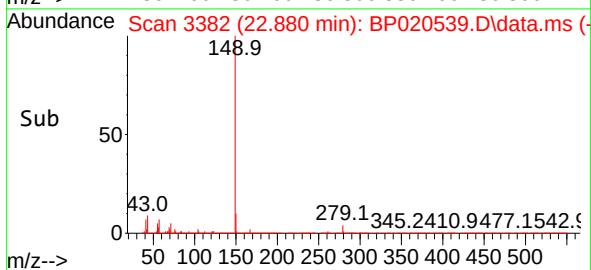
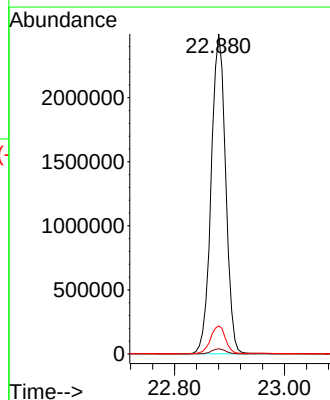
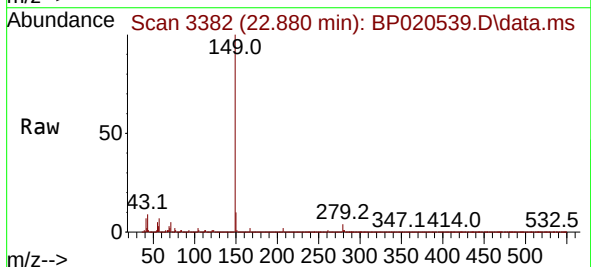
Tgt Ion:149 Resp: 4559678

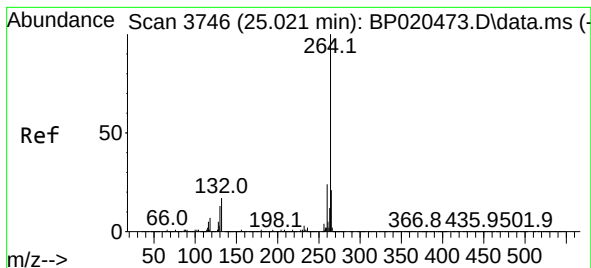
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

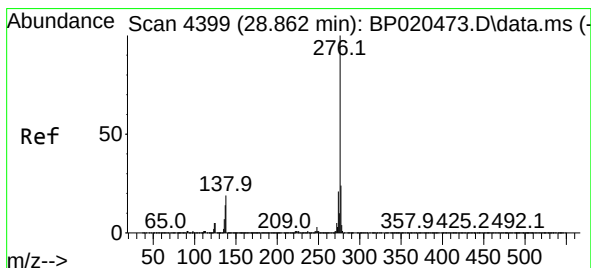
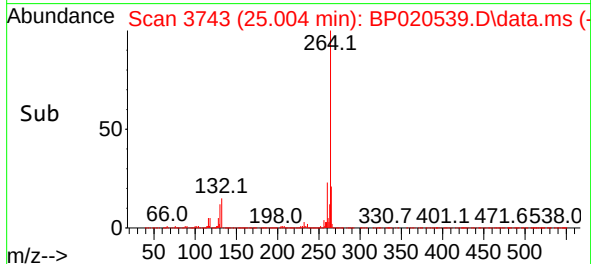
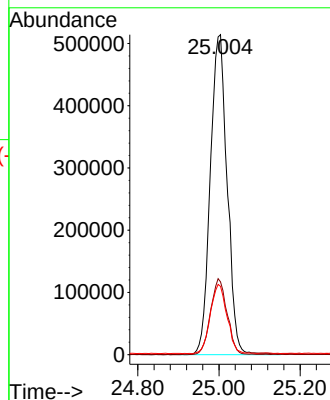
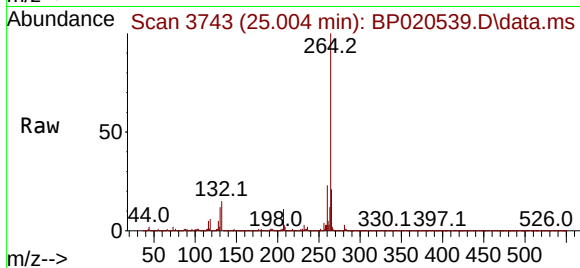
Tgt Ion:264 Resp: 1482068

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 21.4 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 57.270 ng

RT: 28.827 min Scan# 4393

Delta R.T. -0.035 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

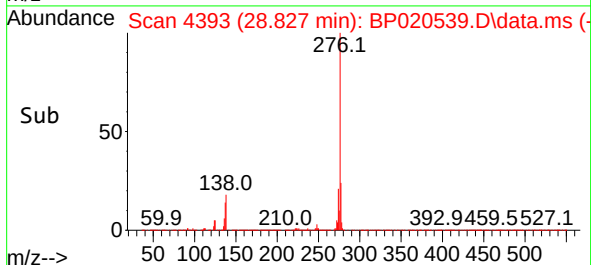
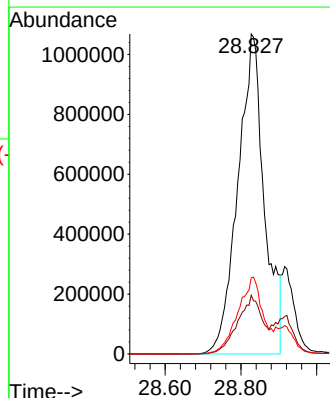
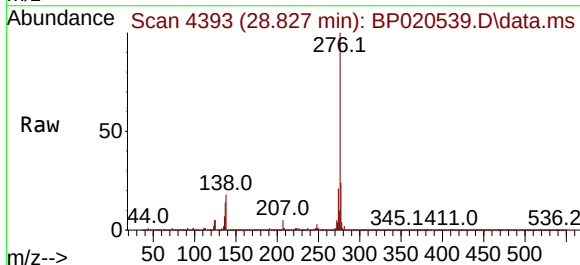
Tgt Ion:276 Resp: 5161410

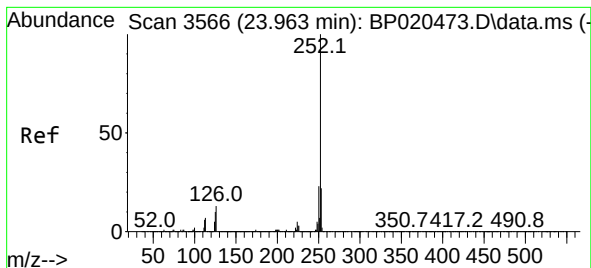
Ion Ratio Lower Upper

276 100

138 17.1 12.8 19.2

277 22.9 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 49.076 ng

RT: 23.945 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

PB161260BS

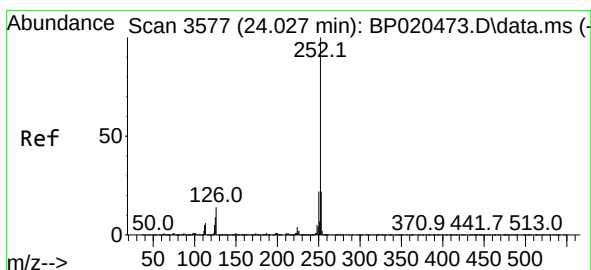
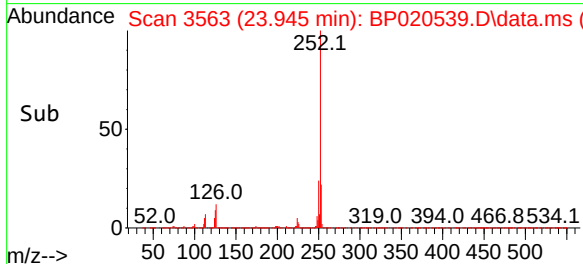
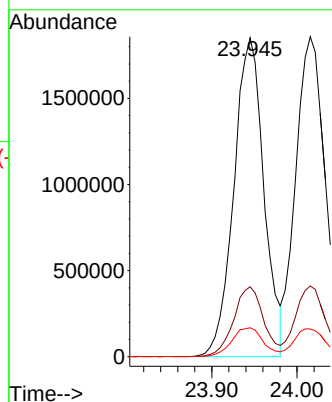
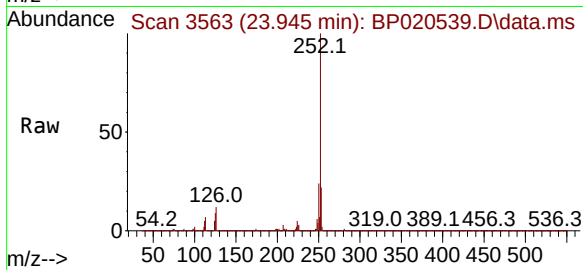
Tgt Ion:252 Resp: 4531228

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.1 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 49.155 ng

RT: 24.015 min Scan# 3575

Delta R.T. -0.012 min

Lab File: BP020539.D

Acq: 06 Jun 2024 12:57

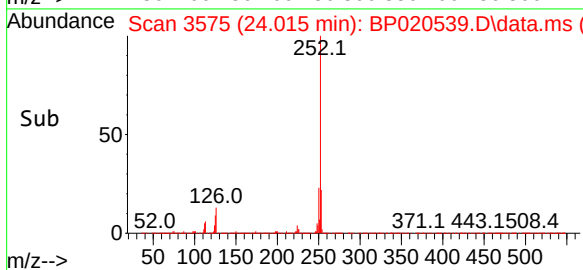
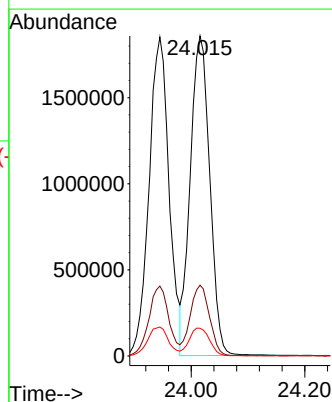
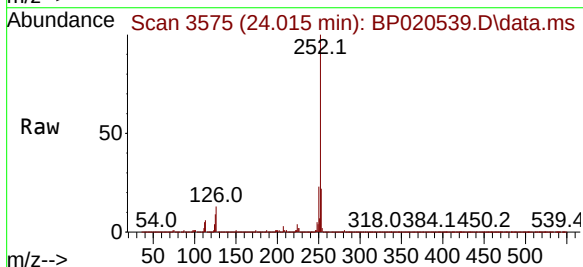
Tgt Ion:252 Resp: 4426550

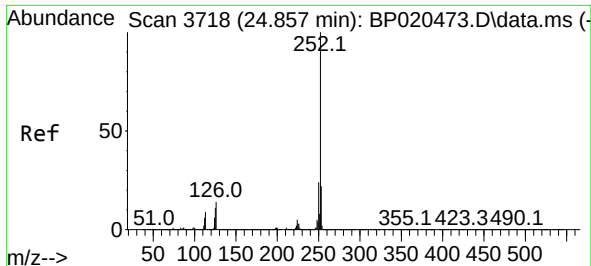
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.6 7.8 11.6

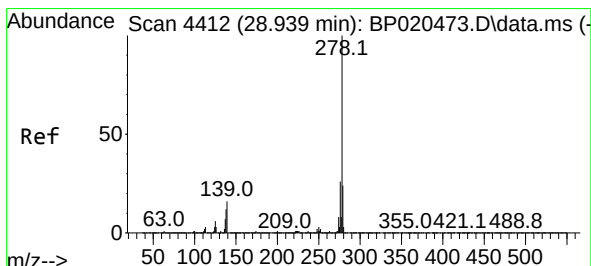
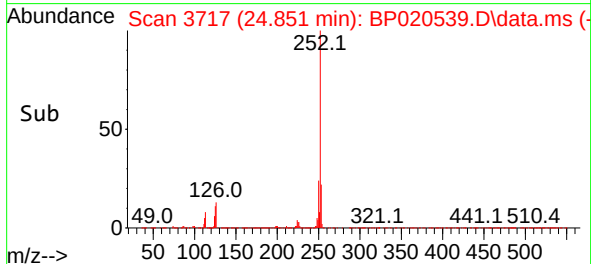
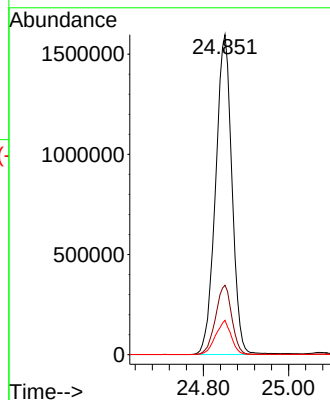
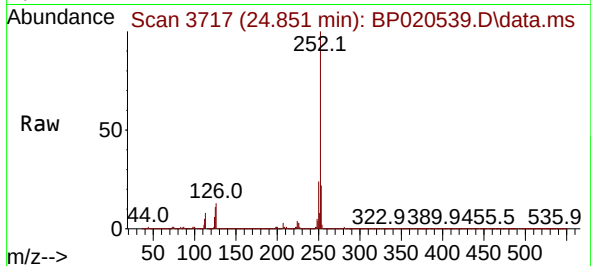




#90
Benzo(a)pyrene
Concen: 55.619 ng
RT: 24.851 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

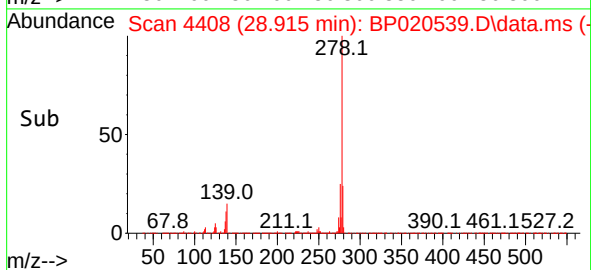
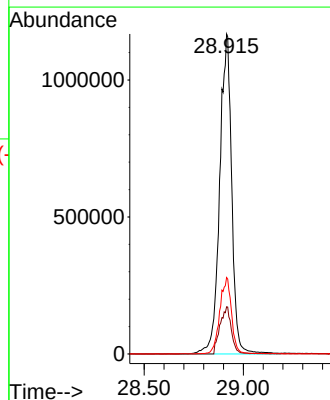
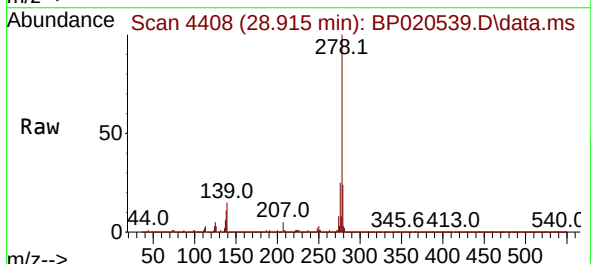
Instrument :
BNA_P
ClientSampleId :
PB161260BS

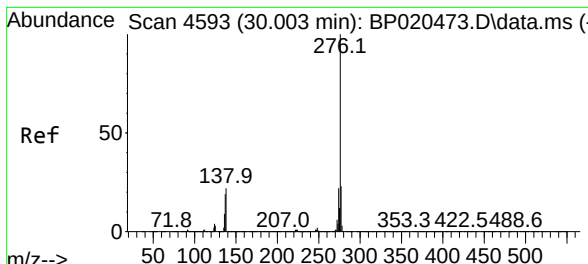
Tgt Ion:252 Resp: 4252938
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.8 8.9 13.3



#91
Dibenzo(a,h)anthracene
Concen: 65.448 ng
RT: 28.915 min Scan# 4408
Delta R.T. -0.024 min
Lab File: BP020539.D
Acq: 06 Jun 2024 12:57

Tgt Ion:278 Resp: 4919767
Ion Ratio Lower Upper
278 100
139 14.7 13.0 19.4
279 23.9 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 62.593 ng
 RT: 30.003 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BP020539.D
 Acq: 06 Jun 2024 12:57

Instrument :
 BNA_P
 ClientSampleId :
 PB161260BS

Tgt Ion:276 Resp: 4703033

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	19.0	17.7	26.5

