

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
 Data File : BP020599.D
 Acq On : 12 Jun 2024 12:53
 Operator : MA/JU
 Sample : PB161426BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161426BS

Quant Time: Jun 12 13:35:07 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	7.757	152	251363	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	910468	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	525671	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	1042918	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	1042195	20.000	ng	-0.03
86) Perylene-d12	24.992	264	1174013	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1693330	120.615	ng	0.00
7) Phenol-d6	6.940	99	2043898	103.234	ng	0.00
23) Nitrobenzene-d5	8.910	82	1279343	76.918	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	796622	146.023	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2830671	80.274	ng	-0.02
79) Terphenyl-d14	19.922	244	4470324	71.406	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	189656	33.434	ng	96
3) Pyridine	3.722	79	460171	28.852	ng	94
4) n-Nitrosodimethylamine	3.628	42	270131	34.870	ng	93
6) Aniline	7.099	93	424156	21.143	ng	98
8) 2-Chlorophenol	7.328	128	629501	39.999	ng	99
9) Benzaldehyde	6.916	77	323310	25.458	ng	94
10) Phenol	6.963	94	745863	36.778	ng	98
11) bis(2-Chloroethyl)ether	7.193	93	599353	35.836	ng	98
12) 1,3-Dichlorobenzene	7.646	146	715538	38.590	ng	98
13) 1,4-Dichlorobenzene	7.799	146	728137	38.637	ng	98
14) 1,2-Dichlorobenzene	8.105	146	700524	38.516	ng	98
15) Benzyl Alcohol	7.999	79	527942	36.100	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	817762	32.750	ng	98
17) 2-Methylphenol	8.199	107	492592	35.793	ng	99
18) Hexachloroethane	8.822	117	267865	38.925	ng	94
19) n-Nitroso-di-n-propyla...	8.563	70	432995	32.036	ng	96
20) 3+4-Methylphenols	8.522	107	656654	35.080	ng	99
22) Acetophenone	8.575	105	898294	39.748	ng	98
24) Nitrobenzene	8.946	77	651583	38.601	ng	98
25) Isophorone	9.469	82	1174118	36.332	ng	99
26) 2-Nitrophenol	9.646	139	318708	47.750	ng	97
27) 2,4-Dimethylphenol	9.704	122	399487	40.919	ng	98
28) bis(2-Chloroethoxy)met...	9.946	93	732180	36.862	ng	99
29) 2,4-Dichlorophenol	10.175	162	544191	41.548	ng	98
30) 1,2,4-Trichlorobenzene	10.381	180	639736	41.142	ng	99
31) Naphthalene	10.569	128	1833429	39.391	ng	100
32) Benzoic acid	9.851	122	376448	41.644	ng	99
33) 4-Chloroaniline	10.687	127	330761	18.370	ng	98
34) Hexachlorobutadiene	10.846	225	412475	42.111	ng	99
35) Caprolactam	11.487	113	166623	34.714	ng	90
36) 4-Chloro-3-methylphenol	11.804	107	568463	37.069	ng	98
37) 2-Methylnaphthalene	12.181	142	1218017	36.520	ng	99
38) 1-Methylnaphthalene	12.404	142	1146035	34.664	ng	100
40) 1,2,4,5-Tetrachloroben...	12.545	216	690110	45.374	ng	99
41) Hexachlorocyclopentadiene	12.522	237	701649	131.265	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	431334	46.917	ng	98

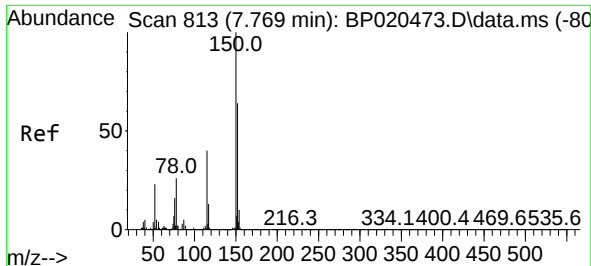
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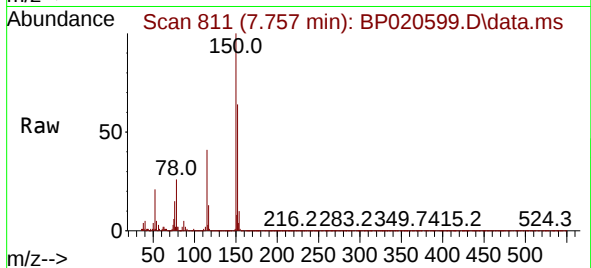
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	468979	44.216	ng	98
46) 1,1'-Biphenyl	13.204	154	1548728	41.747	ng	99
47) 2-Chloronaphthalene	13.245	162	1209844	41.023	ng	99
48) 2-Nitroaniline	13.451	65	350098	43.809	ng	98
49) Acenaphthylene	14.092	152	1932044	44.149	ng	99
50) Dimethylphthalate	13.840	163	1478446	39.900	ng	99
51) 2,6-Dinitrotoluene	13.957	165	325242	41.065	ng	96
52) Acenaphthene	14.439	154	1093101	39.599	ng	100
53) 3-Nitroaniline	14.292	138	254716	32.062	ng	98
54) 2,4-Dinitrophenol	14.492	184	366860	96.113	ng	92
55) Dibenzofuran	14.781	168	1771485	40.511	ng	99
56) 4-Nitrophenol	14.610	139	560021	91.128	ng	92
57) 2,4-Dinitrotoluene	14.745	165	452788	43.501	ng	93
58) Fluorene	15.445	166	1412573	40.239	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	407087	46.900	ng	97
60) Diethylphthalate	15.210	149	1453111	38.578	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	723129	39.919	ng	98
62) 4-Nitroaniline	15.469	138	315559	38.560	ng	95
63) Azobenzene	15.739	77	1294978	36.819	ng	96
65) 4,6-Dinitro-2-methylph...	15.528	198	249062	52.931	ng	98
66) n-Nitrosodiphenylamine	15.663	169	1216104	42.412	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	461685	43.271	ng	98
68) Hexachlorobenzene	16.469	284	537355	42.792	ng	100
69) Atrazine	16.639	200	450227	44.632	ng	100
70) Pentachlorophenol	16.828	266	703998	92.308	ng	99
71) Phenanthrene	17.233	178	2202581	42.963	ng	99
72) Anthracene	17.328	178	2163938	43.015	ng	100
73) Carbazole	17.604	167	2054704	42.225	ng	99
74) Di-n-butylphthalate	18.204	149	2554859	43.356	ng	99
75) Fluoranthene	19.322	202	2713875	44.746	ng	99
77) Benzidine	19.533	184	236631	11.563	ng	98
78) Pyrene	19.698	202	2808004	35.820	ng	100
80) Butylbenzylphthalate	20.663	149	1214895	38.965	ng	93
81) Benzo(a)anthracene	21.621	228	2857225	41.637	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	808319	39.625	ng	99
83) Chrysene	21.692	228	2693296	41.652	ng	100
84) Bis(2-ethylhexyl)phtha...	21.569	149	1750001	39.225	ng	99
85) Di-n-octyl phthalate	22.857	149	3077062	47.452	ng	97
87) Indeno(1,2,3-cd)pyrene	28.798	276	3936975	55.147	ng	98
88) Benzo(b)fluoranthene	23.939	252	3038687	41.547	ng	99
89) Benzo(k)fluoranthene	24.004	252	2957921	41.466	ng	99
90) Benzo(a)pyrene	24.845	252	2835084	46.805	ng	99
91) Dibenzo(a,h)anthracene	28.892	278	3270255	54.919	ng	98
92) Benzo(g,h,i)perylene	29.986	276	3168274	53.231	ng	97

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

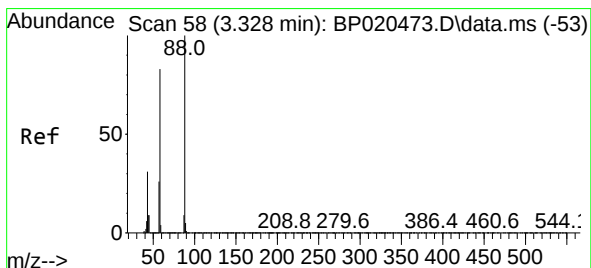
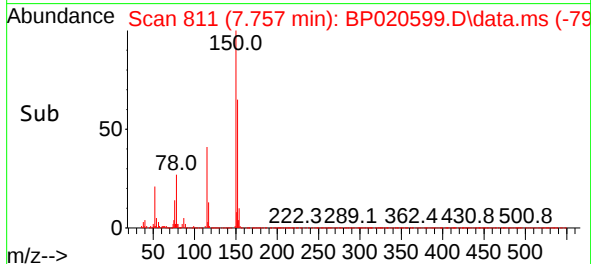
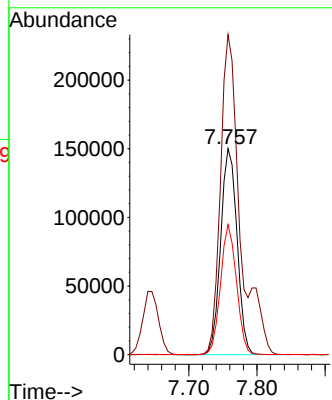


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Instrument :
BNA_P
ClientSampleId :
PB161426BS

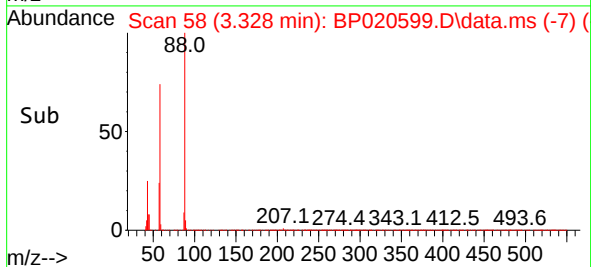
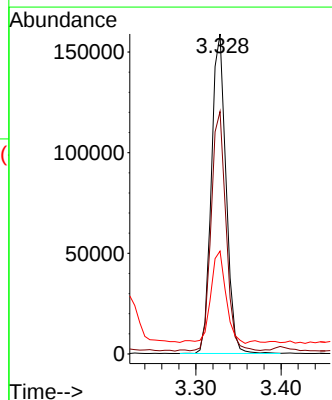
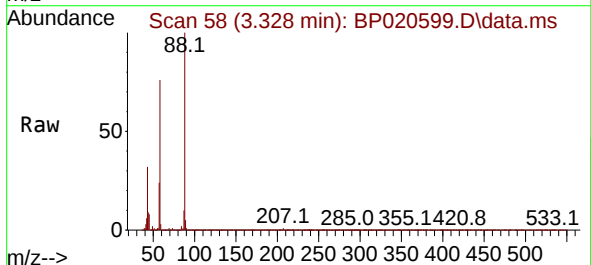


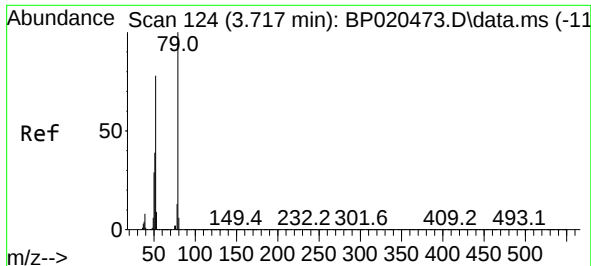
Tgt Ion:152 Resp: 251363
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 63.1 49.5 74.3



#2
1,4-Dioxane
Concen: 33.434 ng
RT: 3.328 min Scan# 58
Delta R.T. -0.000 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion: 88 Resp: 189656
Ion Ratio Lower Upper
88 100
58 76.3 64.6 97.0
43 30.3 24.5 36.7

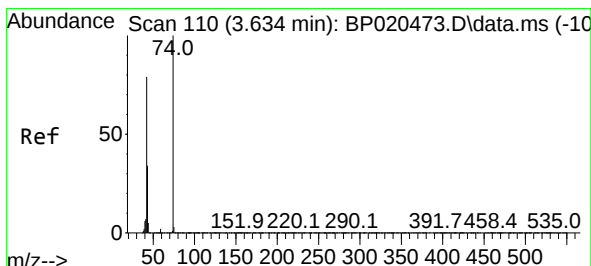
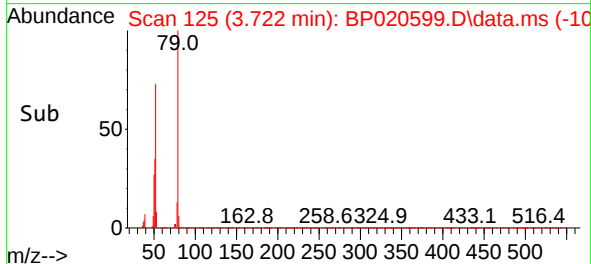
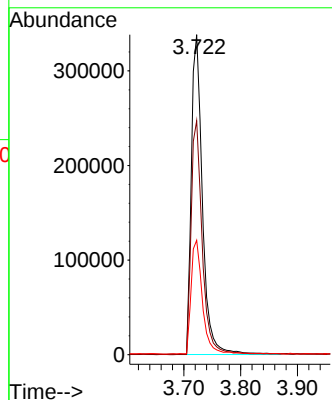
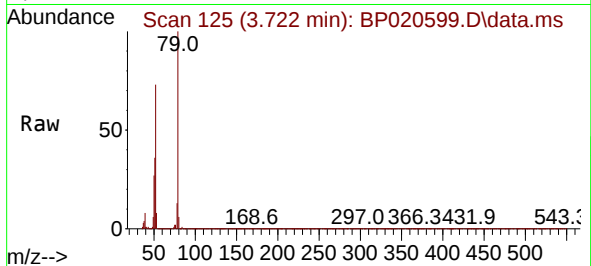




#3
Pyridine
Concen: 28.852 ng
RT: 3.722 min Scan# 110
Delta R.T. 0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

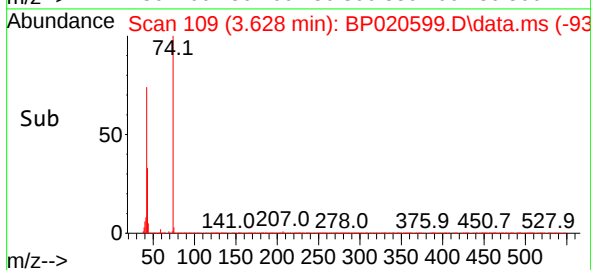
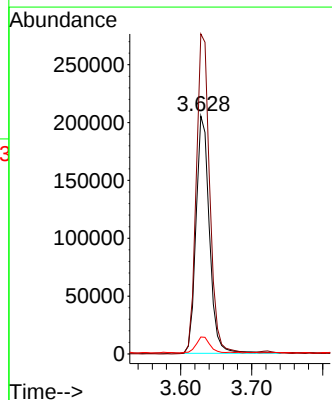
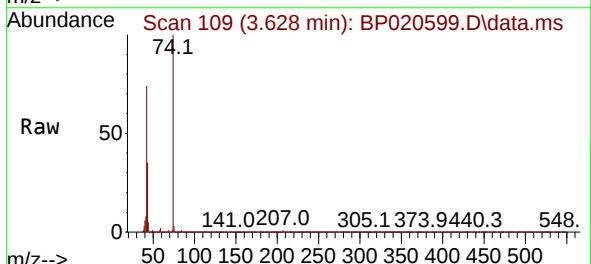
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ClientSampleId :
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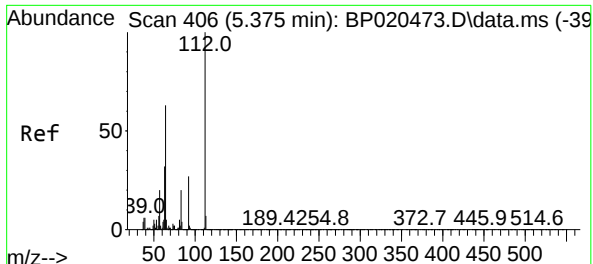
Tgt Ion: 79 Resp: 460171
Ion Ratio Lower Upper
79 100
52 73.1 62.6 94.0
51 35.8 31.0 46.4



#4
n-Nitrosodimethylamine
Concen: 34.870 ng
RT: 3.628 min Scan# 109
Delta R.T. -0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion: 42 Resp: 270131
Ion Ratio Lower Upper
42 100
74 134.5 100.6 151.0
44 7.1 5.8 8.8

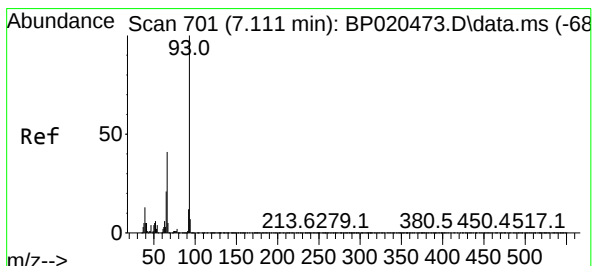
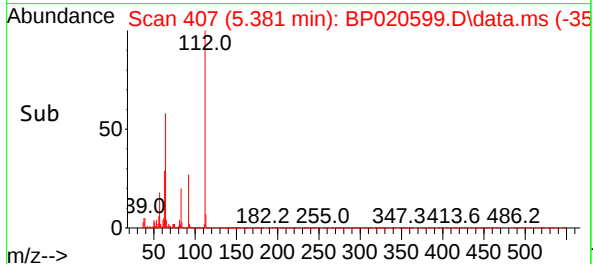
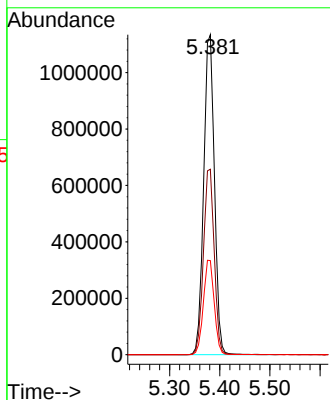
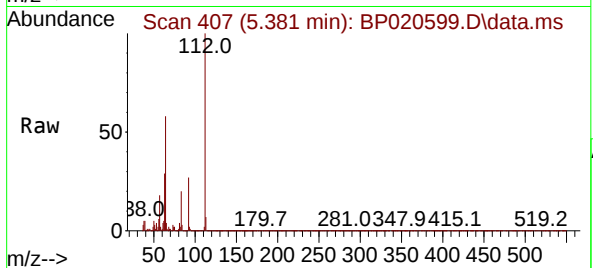




#5
2-Fluorophenol
Concen: 120.615 ng
RT: 5.381 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

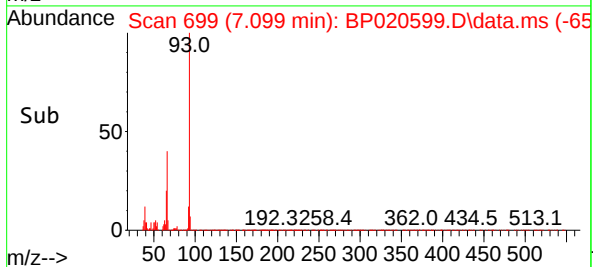
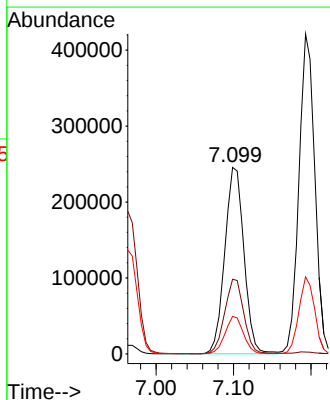
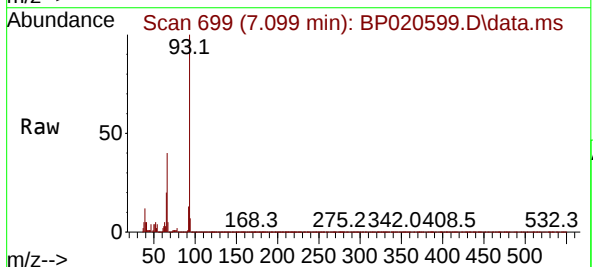
Instrument :
BNA_P
ClientSampleId :
PB161426BS

Tgt Ion:112 Resp: 1693330
Ion Ratio Lower Upper
112 100
64 57.9 50.1 75.1
63 29.4 25.7 38.5



#6
Aniline
Concen: 21.143 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion: 93 Resp: 424156
Ion Ratio Lower Upper
93 100
66 40.0 32.8 49.2
65 20.2 16.9 25.3

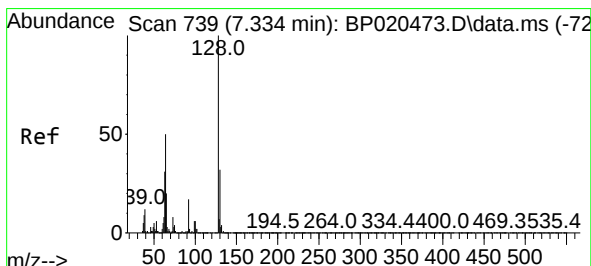
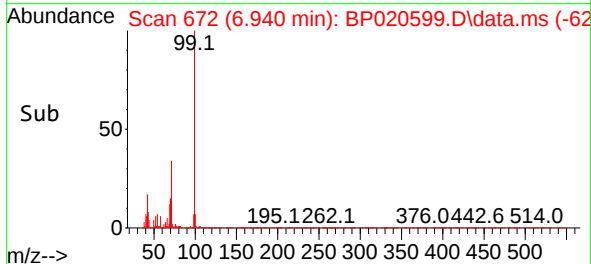
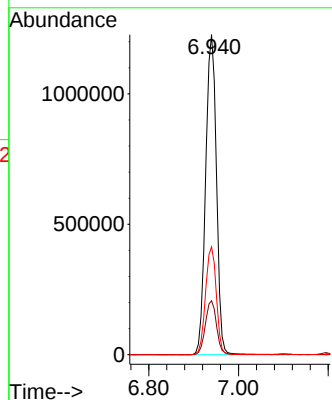
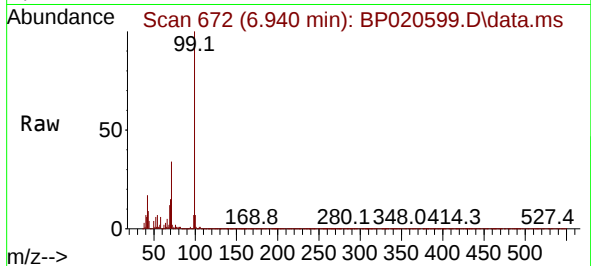




#7
Phenol-d6
Concen: 103.234 ng
RT: 6.940 min Scan# 671
Delta R.T. 0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

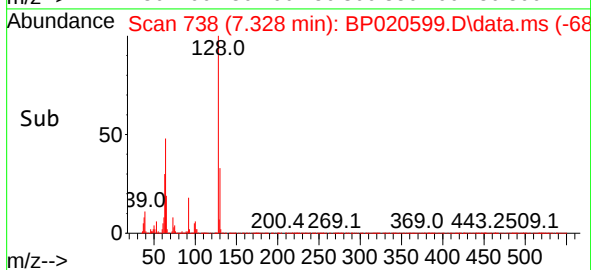
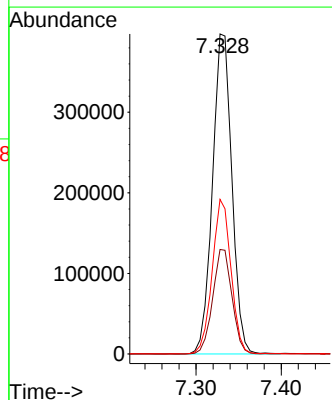
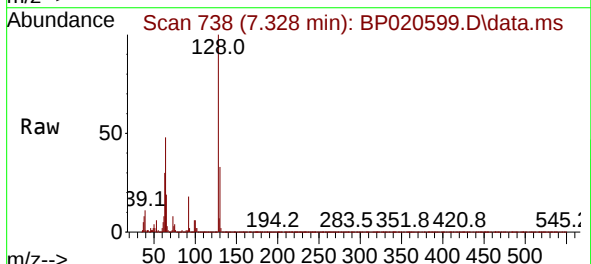
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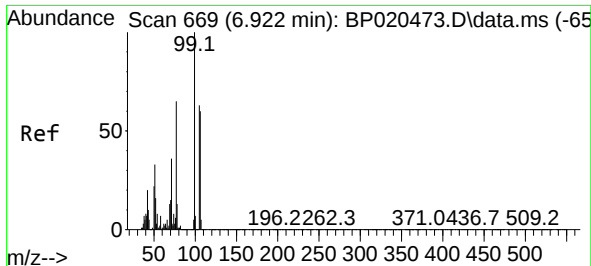
Tgt Ion: 99 Resp: 2043898
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.4
71 33.7 27.3 40.9



#8
2-Chlorophenol
Concen: 39.999 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:128 Resp: 629501
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 48.3 29.6 69.6

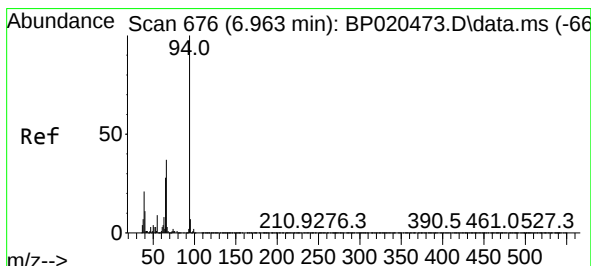
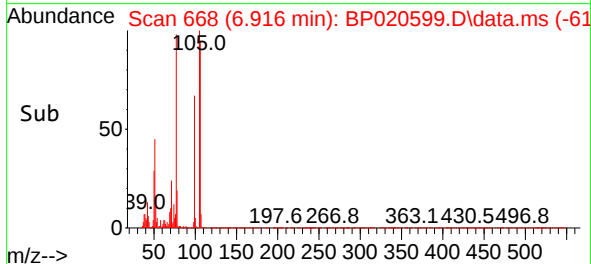
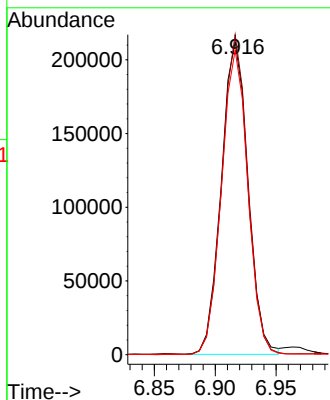
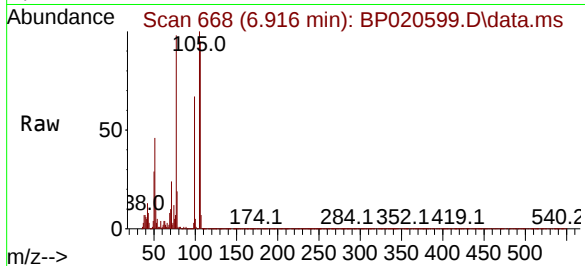




#9
Benzaldehyde
Concen: 25.458 ng
RT: 6.916 min Scan# 610
Delta R.T. -0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

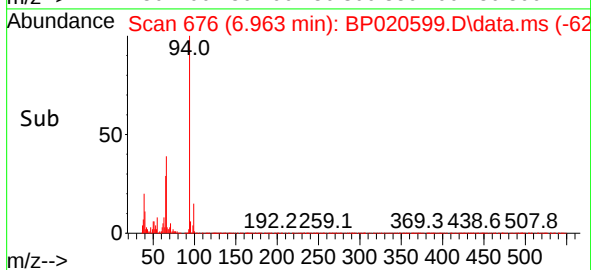
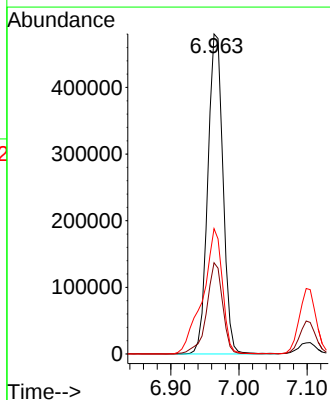
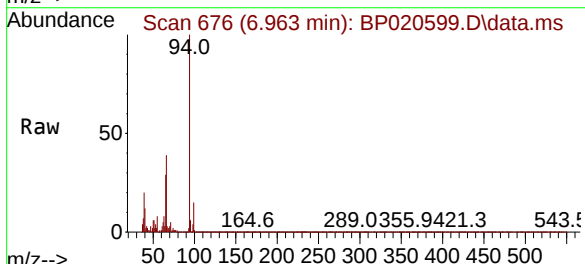
Instrument :
BNA_P
ClientSampleId :
PB161426BS

Tgt Ion: 77 Resp: 323310
Ion Ratio Lower Upper
77 100
105 102.3 76.8 116.8
106 97.4 72.0 112.0



#10
Phenol
Concen: 36.778 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion: 94 Resp: 745863
Ion Ratio Lower Upper
94 100
65 28.5 8.2 48.2
66 39.2 17.2 57.2

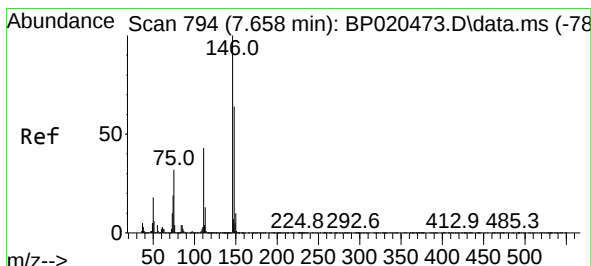
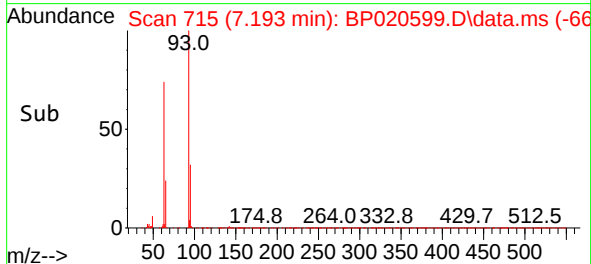
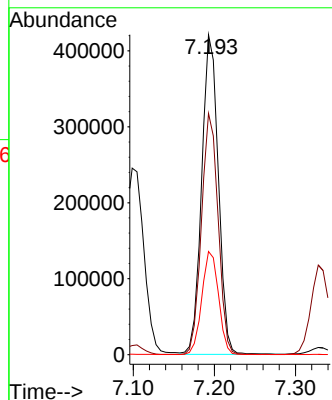
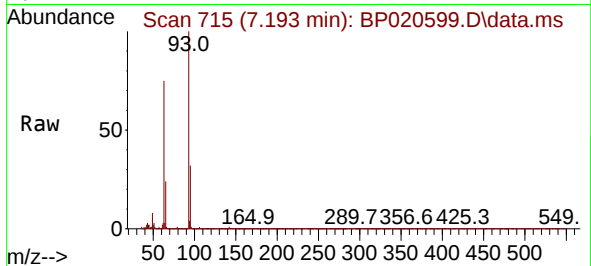




#11
bis(2-Chloroethyl)ether
Concen: 35.836 ng
RT: 7.193 min Scan# 715
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

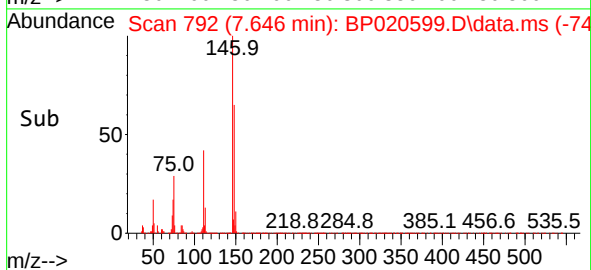
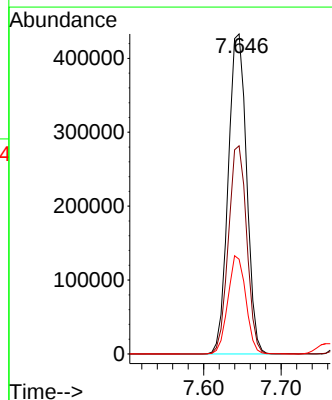
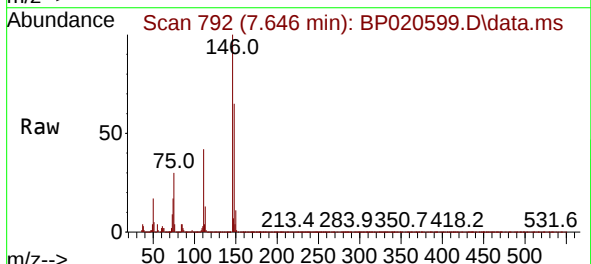
Instrument :
BNA_P
ClientSampleId :
PB161426BS

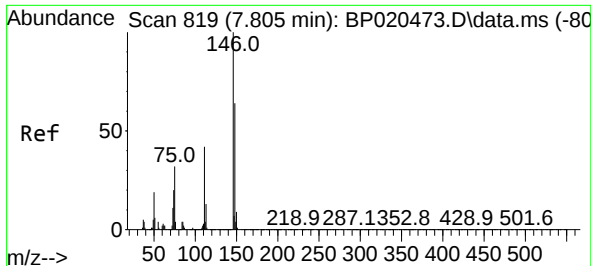
Tgt Ion: 93 Resp: 599353
Ion Ratio Lower Upper
93 100
63 75.4 58.3 98.3
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.590 ng
RT: 7.646 min Scan# 792
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:146 Resp: 715538
Ion Ratio Lower Upper
146 100
148 65.0 51.2 76.8
75 29.6 25.3 37.9

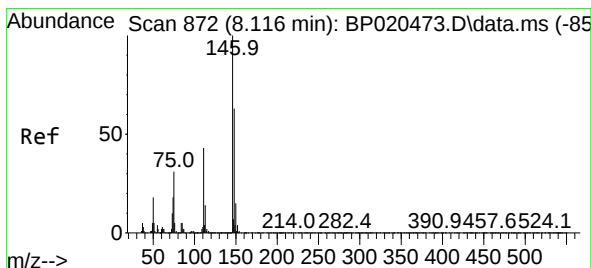
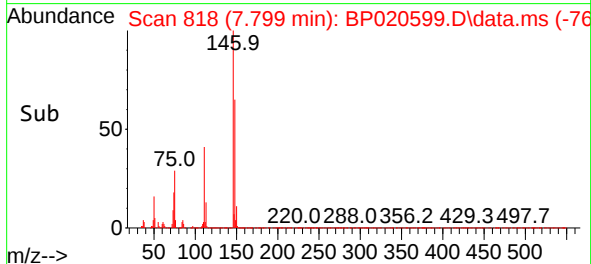
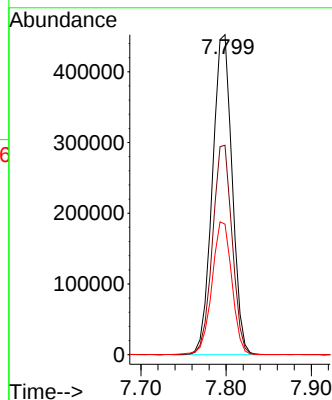
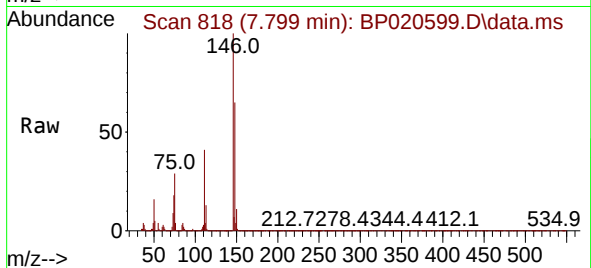




#13
1,4-Dichlorobenzene
Concen: 38.637 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

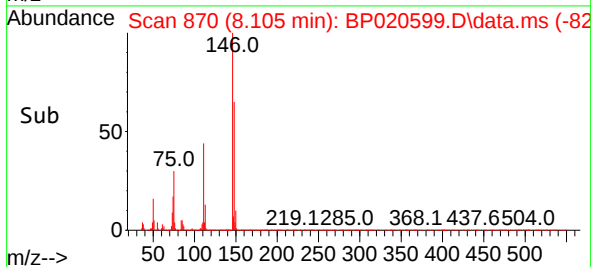
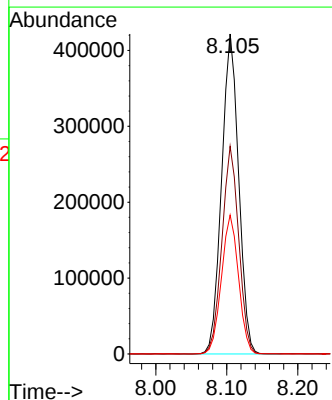
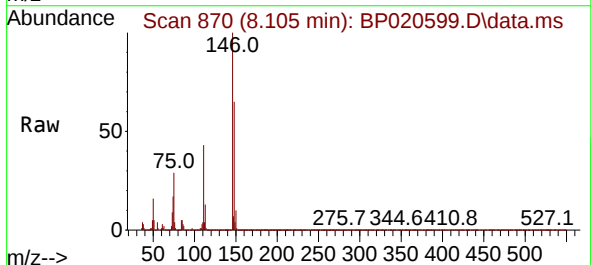
Instrument :
BNA_P
ClientSampleId :
PB161426BS

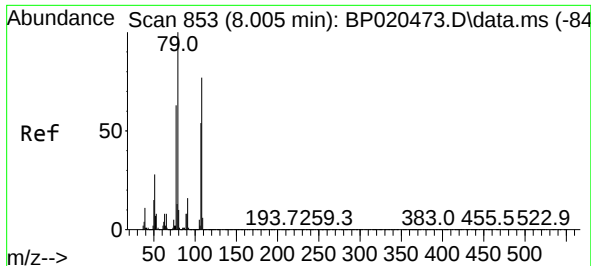
Tgt Ion:146 Resp: 728137
Ion Ratio Lower Upper
146 100
148 65.4 50.8 76.2
111 40.8 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 38.516 ng
RT: 8.105 min Scan# 870
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:146 Resp: 700524
Ion Ratio Lower Upper
146 100
148 64.9 50.1 75.1
111 43.4 34.4 51.6

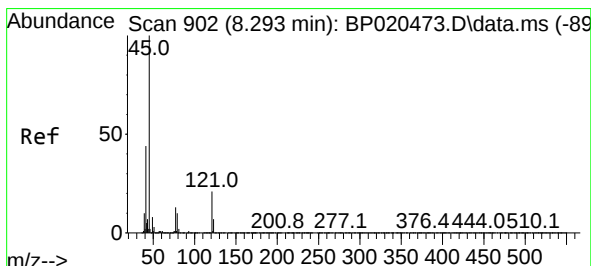
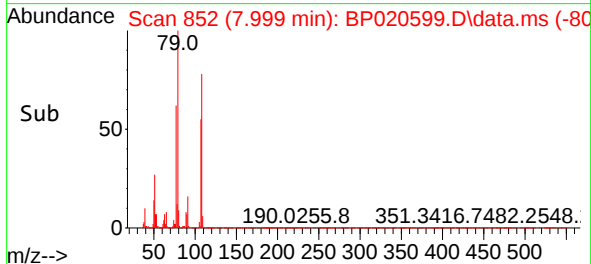
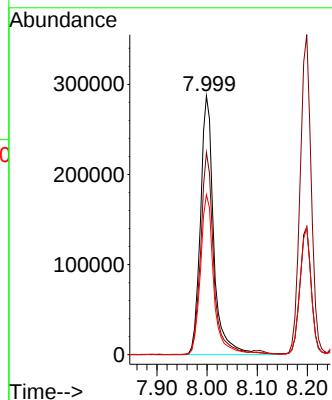
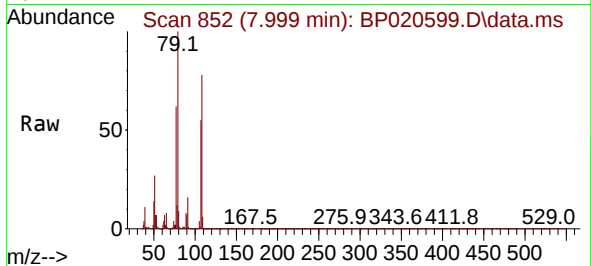




#15
Benzyl Alcohol
Concen: 36.100 ng
RT: 7.999 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

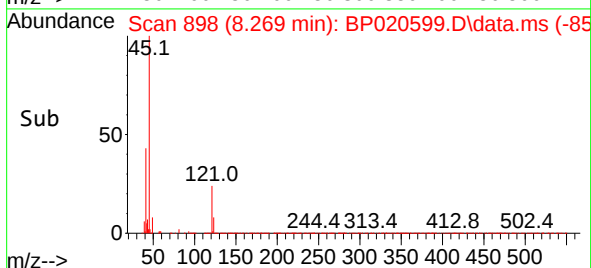
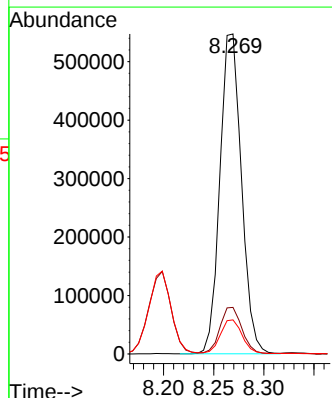
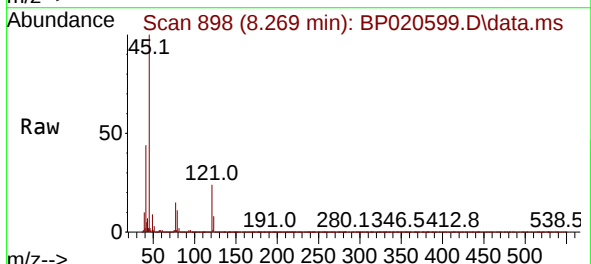
Instrument :
BNA_P
ClientSampleId :
PB161426BS

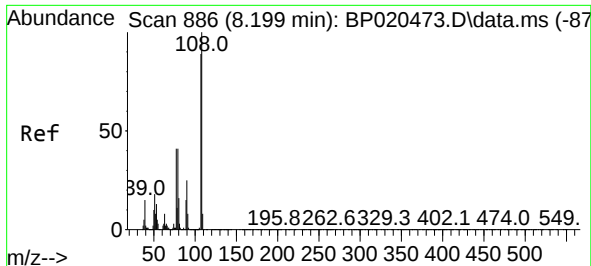
Tgt Ion: 79 Resp: 527942
Ion Ratio Lower Upper
79 100
108 78.1 61.4 92.2
77 61.8 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.750 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.024 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion: 45 Resp: 817762
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.6
79 10.6 0.0 29.9

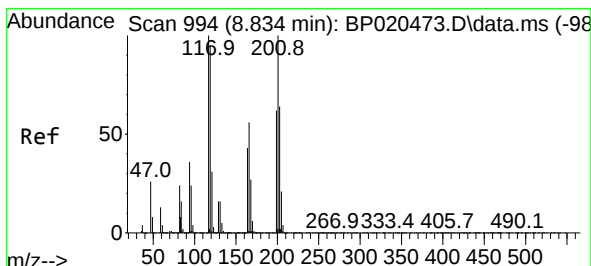
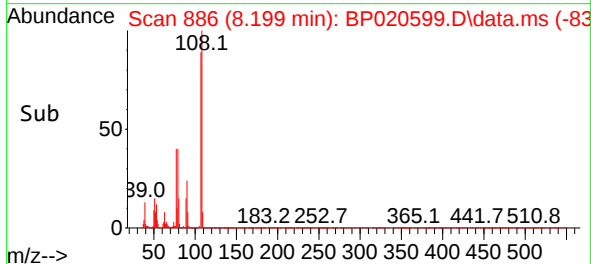
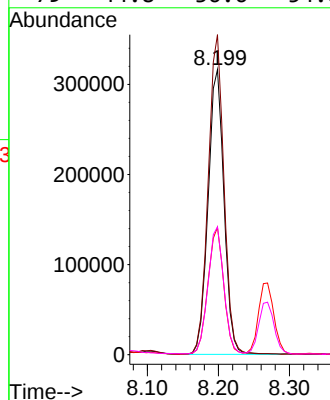
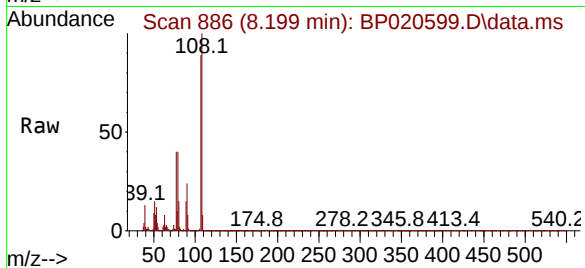




#17
2-Methylphenol
Concen: 35.793 ng
RT: 8.199 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

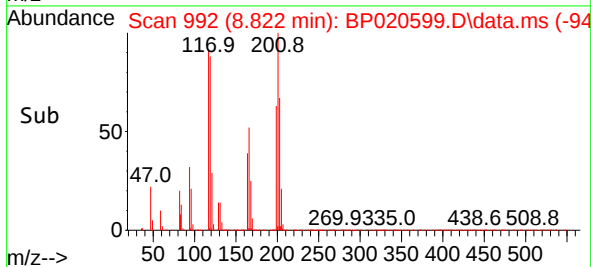
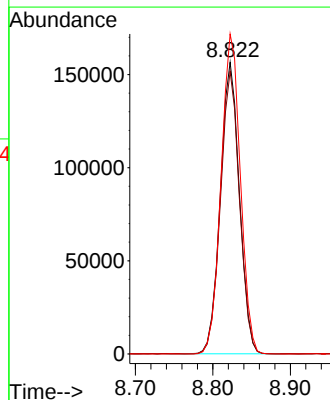
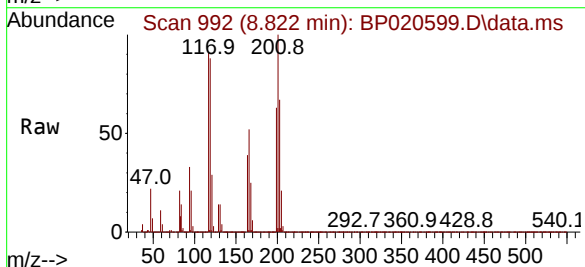
Instrument :
BNA_P
ClientSampleId :
PB161426BS

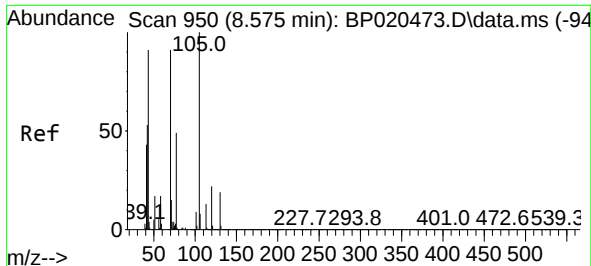
Tgt Ion:	107	Resp:	492592
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.4	134.2
77	44.7	36.6	55.0
79	44.8	36.6	54.8



#18
Hexachloroethane
Concen: 38.925 ng
RT: 8.822 min Scan# 992
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:	117	Resp:	267865
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.3	114.5
201	109.7	79.9	119.9



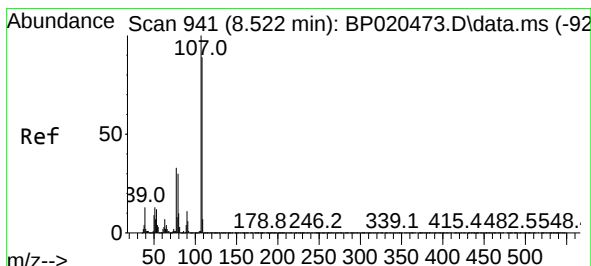
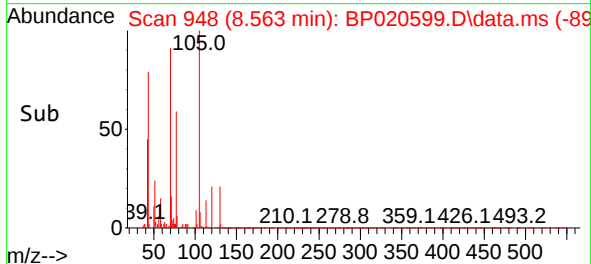
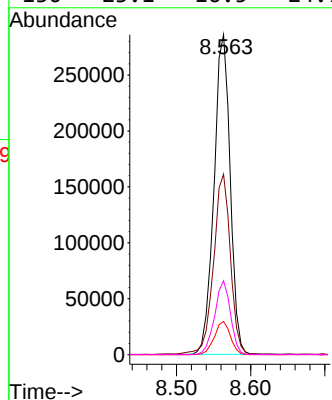
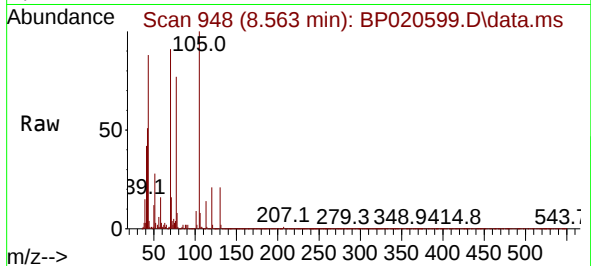


#19
n-Nitroso-di-n-propylamine
Concen: 32.036 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Instrument :
BNA_P
ClientSampleId :
PB161426BS

Tgt Ion: 70 Resp: 432995

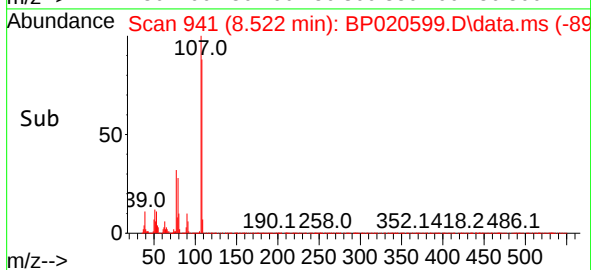
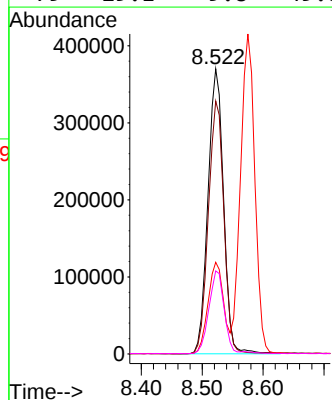
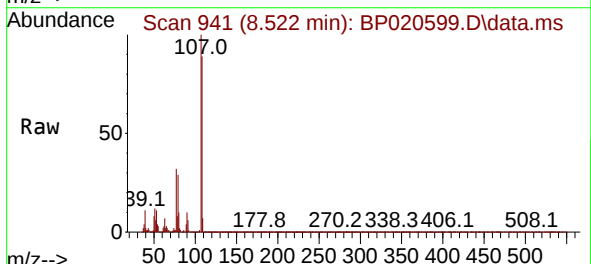
Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.4	71.0
101	10.4	7.8	11.8
130	23.1	16.5	24.7

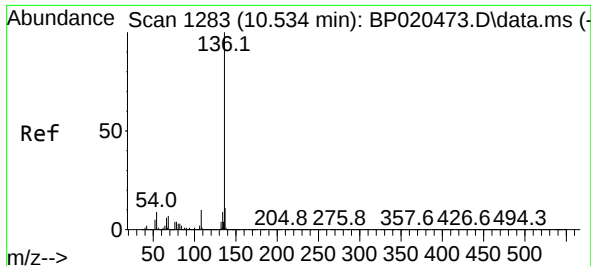


#20
3+4-Methylphenols
Concen: 35.080 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion: 107 Resp: 656654

Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.2	109.2
77	32.2	13.5	53.5
79	29.1	9.8	49.8

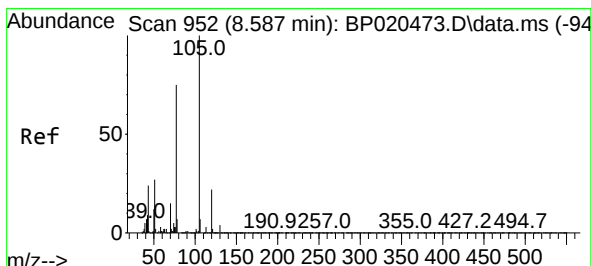
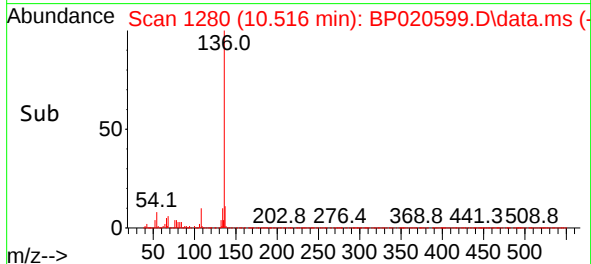
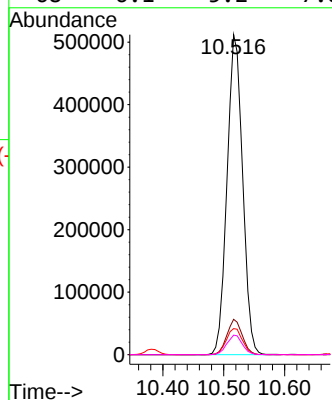
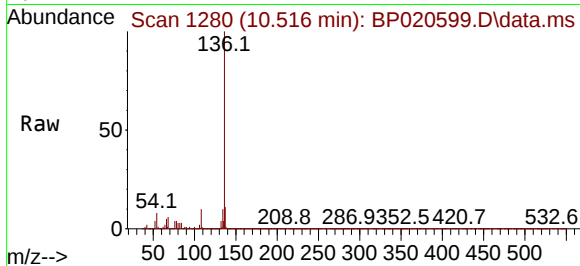




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

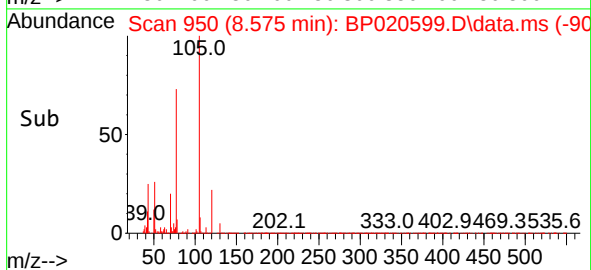
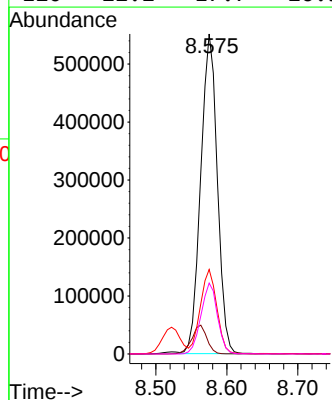
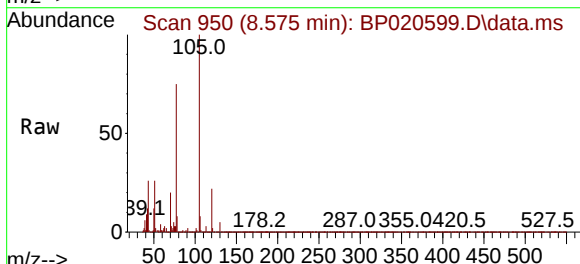
Instrument :
BNA_P
ClientSampleId :
PB161426BS

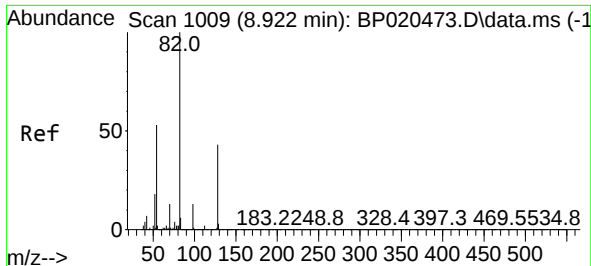
Tgt Ion:	136	Resp:	910468
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.1	7.4	11.0
68	6.1	5.2	7.8



#22
Acetophenone
Concen: 39.748 ng
RT: 8.575 min Scan# 950
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:	105	Resp:	898294
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.3	3.5
51	26.4	22.6	33.8
120	22.2	17.7	26.5

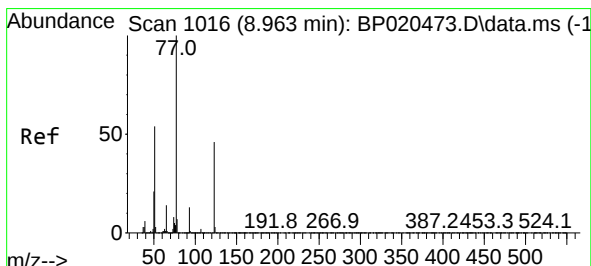
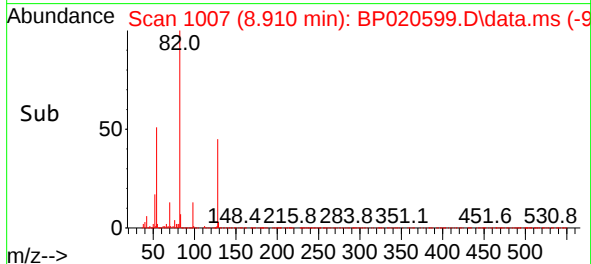
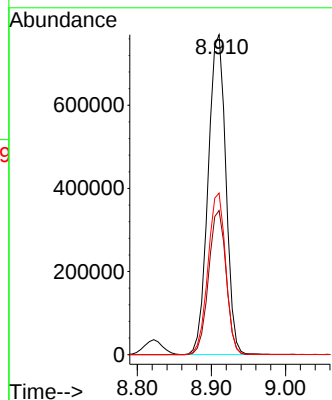
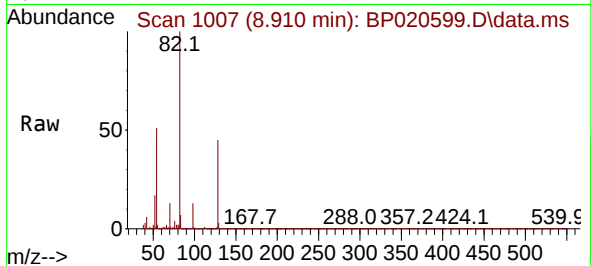




#23
Nitrobenzene-d5
Concen: 76.918 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

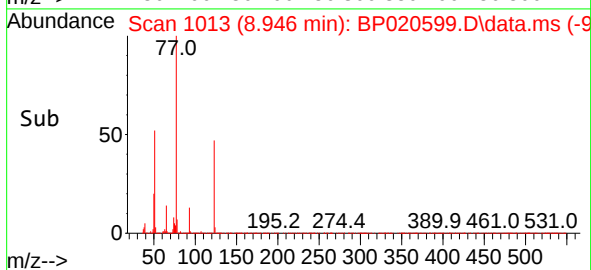
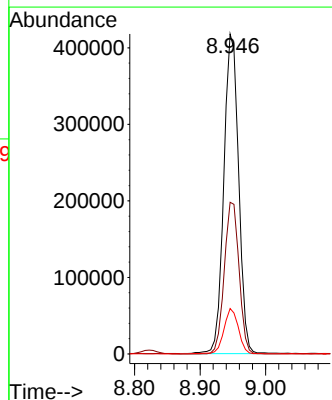
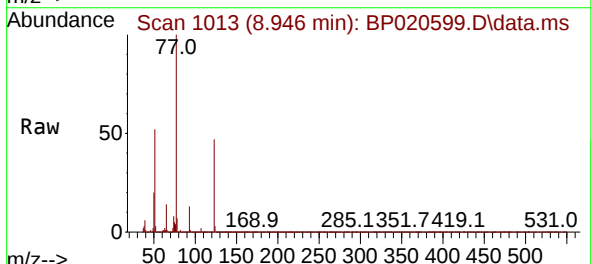
Instrument :
BNA_P
ClientSampleId :
PB161426BS

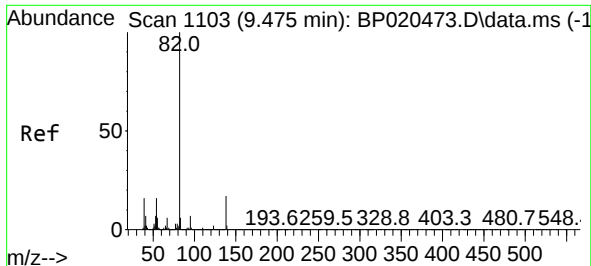
Tgt Ion: 82 Resp: 1279343
Ion Ratio Lower Upper
82 100
128 45.1 34.2 51.4
54 50.5 42.7 64.1



#24
Nitrobenzene
Concen: 38.601 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion: 77 Resp: 651583
Ion Ratio Lower Upper
77 100
123 47.4 36.6 54.8
65 14.2 11.1 16.7

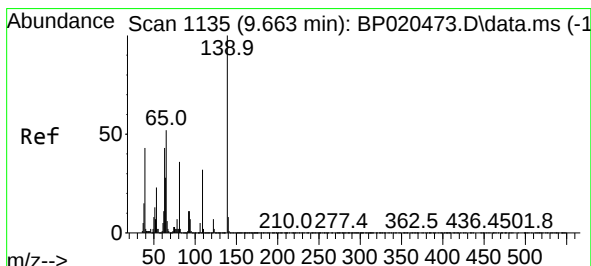
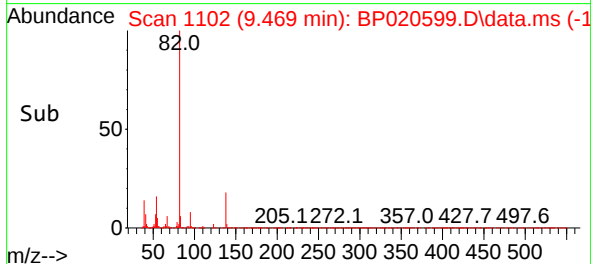
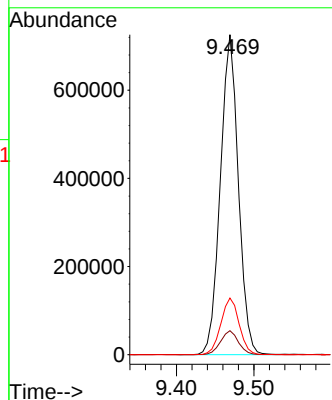
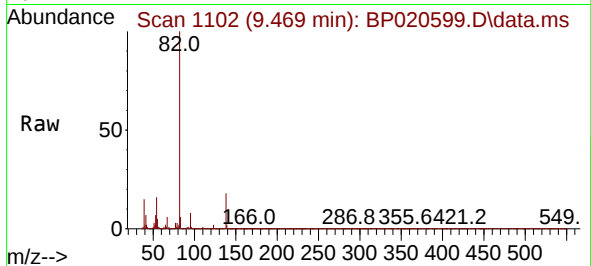




#25
Isophorone
Concen: 36.332 ng
RT: 9.469 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

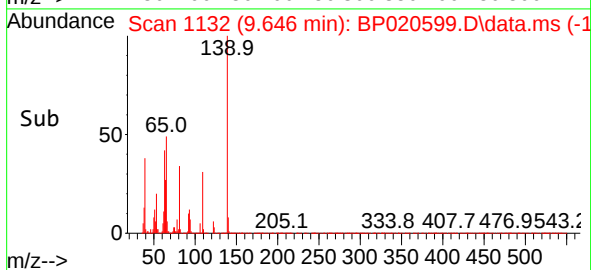
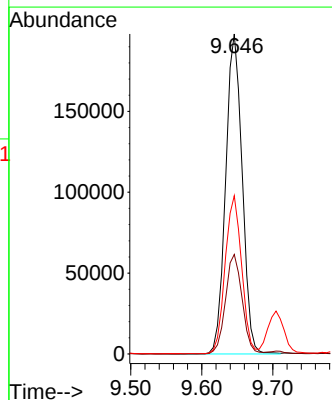
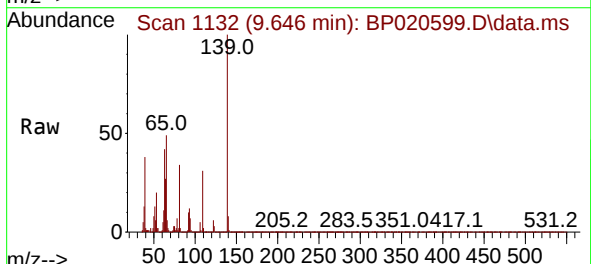
Instrument :
BNA_P
ClientSampleId :
PB161426BS

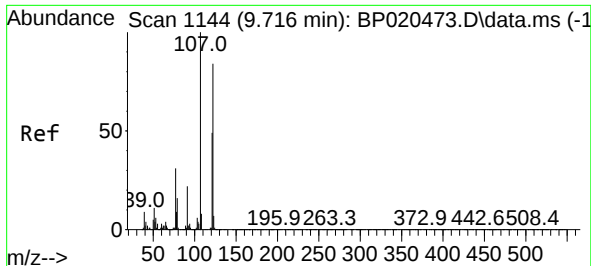
Tgt Ion: 82 Resp: 1174118
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 17.7 13.8 20.6



#26
2-Nitrophenol
Concen: 47.750 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion: 139 Resp: 318708
Ion Ratio Lower Upper
139 100
109 31.1 25.8 38.8
65 49.4 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 40.919 ng

RT: 9.704 min Scan# 1144

Delta R.T. -0.012 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

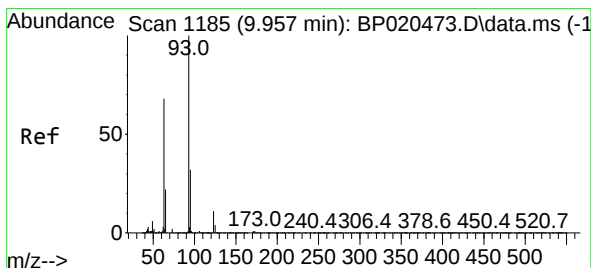
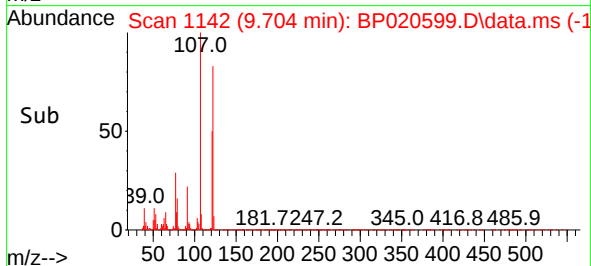
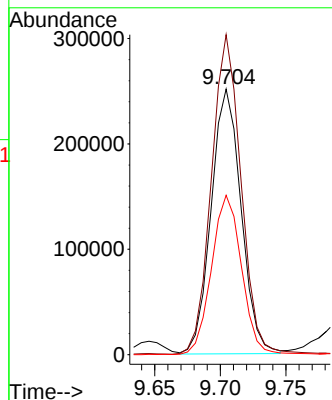
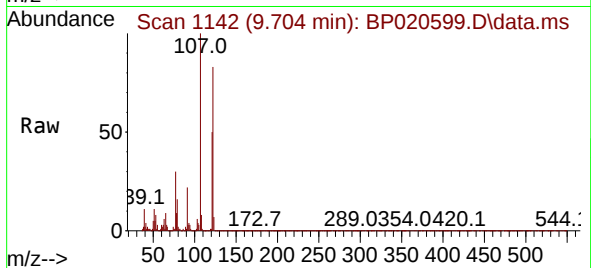
Tgt Ion:122 Resp: 399487

Ion Ratio Lower Upper

122 100

107 120.5 95.0 142.4

121 60.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 36.862 ng

RT: 9.946 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

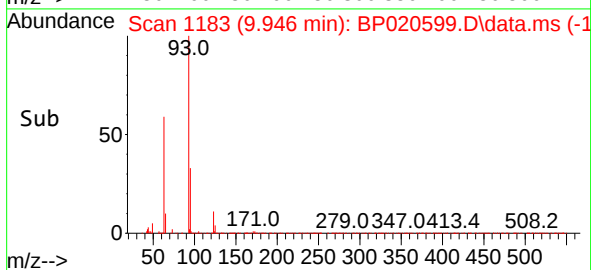
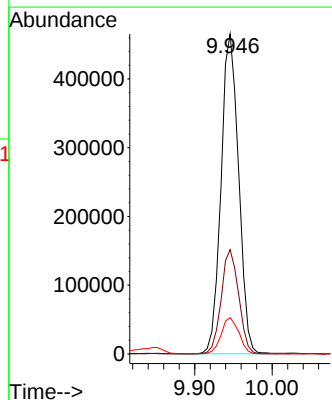
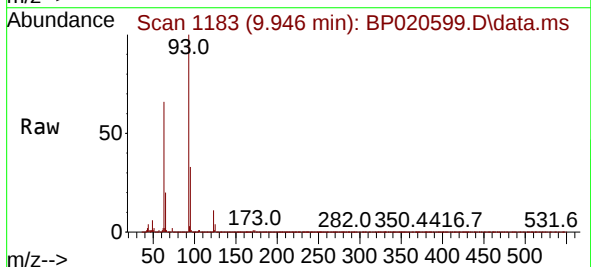
Tgt Ion: 93 Resp: 732180

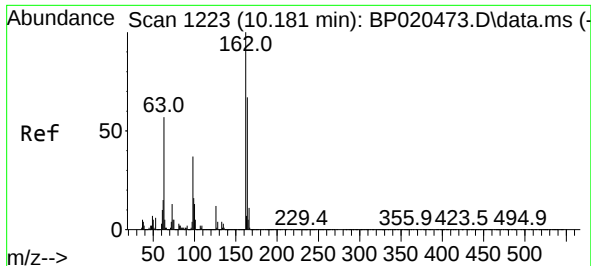
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.548 ng

RT: 10.175 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

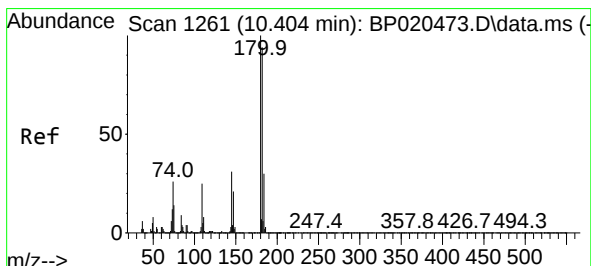
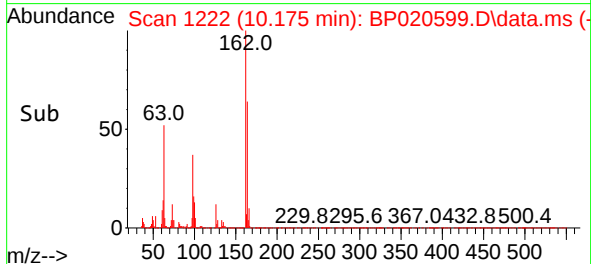
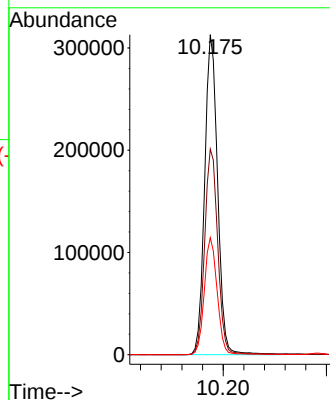
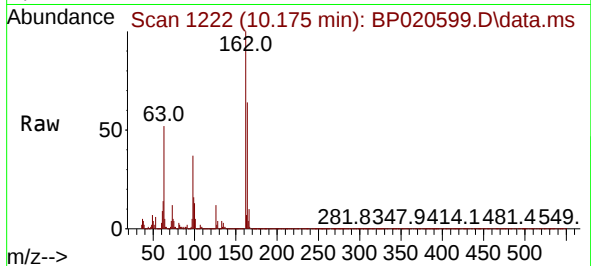
Tgt Ion:162 Resp: 544191

Ion Ratio Lower Upper

162 100

164 64.3 46.5 86.5

98 36.5 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 41.142 ng

RT: 10.381 min Scan# 1257

Delta R.T. -0.024 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

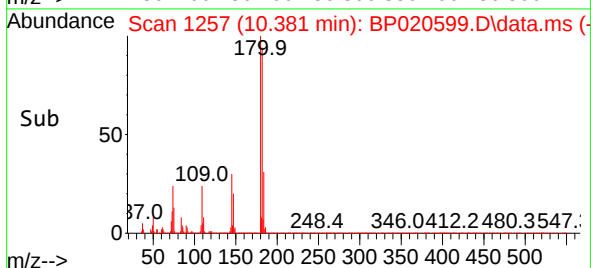
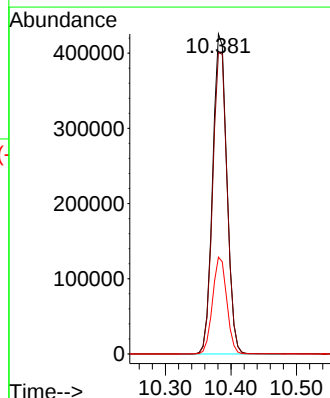
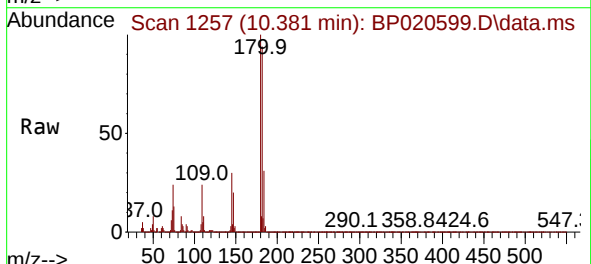
Tgt Ion:180 Resp: 639736

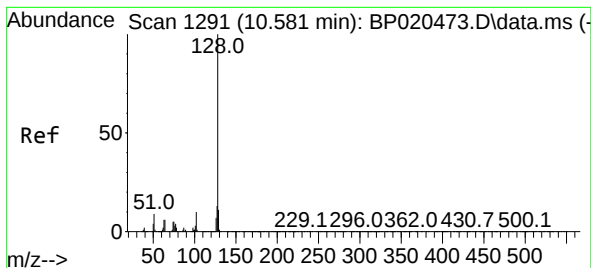
Ion Ratio Lower Upper

180 100

182 94.2 75.2 112.8

145 30.2 24.9 37.3

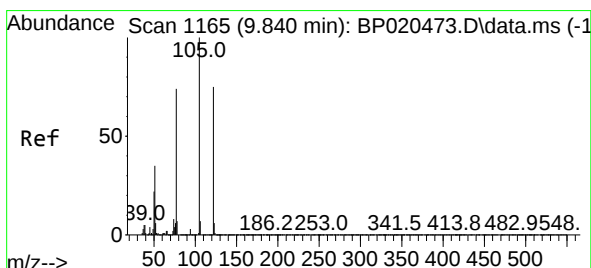
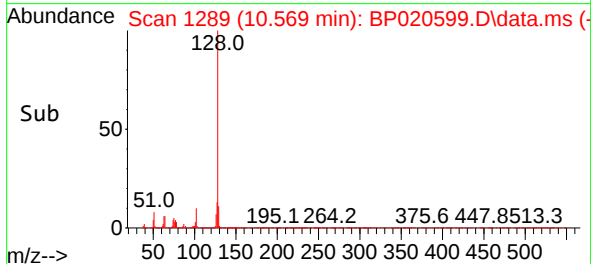
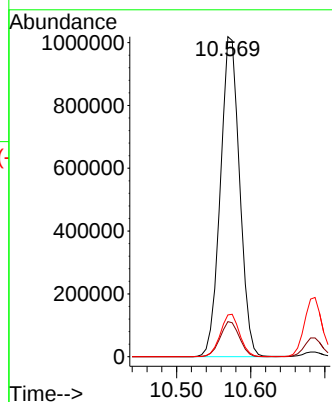
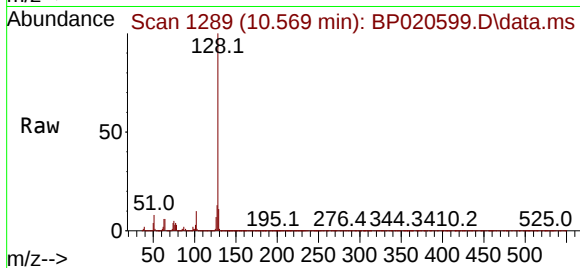




#31
Naphthalene
Concen: 39.391 ng
RT: 10.569 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

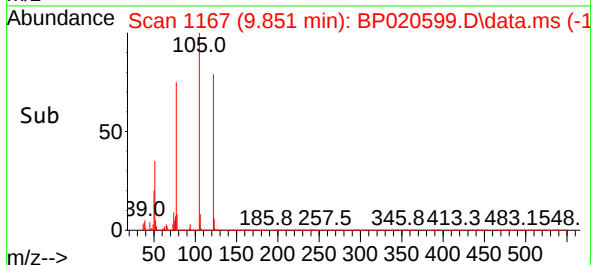
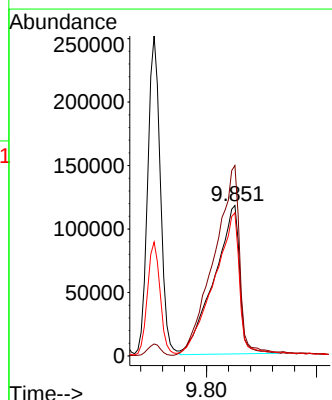
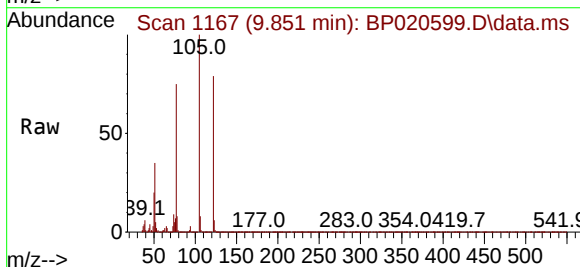
Instrument :
BNA_P
ClientSampleId :
PB161426BS

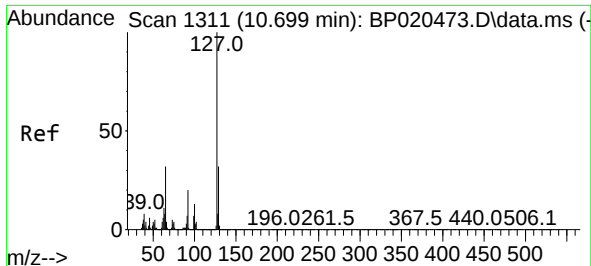
Tgt Ion:128 Resp: 1833429
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 41.644 ng
RT: 9.851 min Scan# 1167
Delta R.T. 0.011 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:122 Resp: 376448
Ion Ratio Lower Upper
122 100
105 126.6 107.5 147.5
77 95.2 76.1 116.1

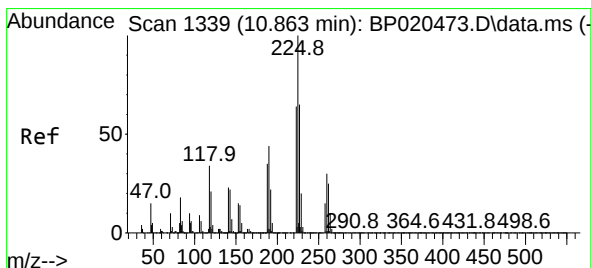
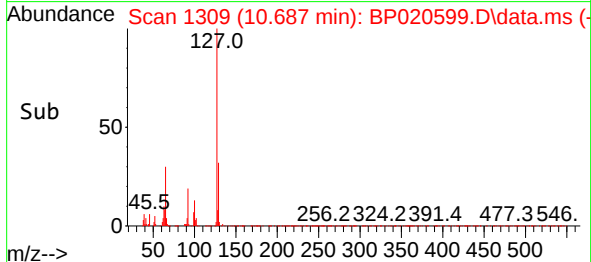
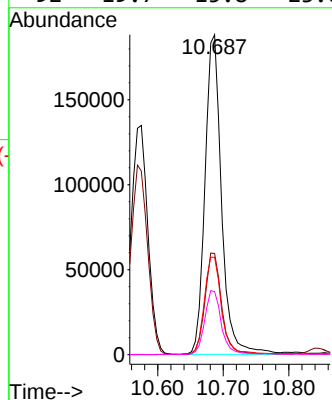
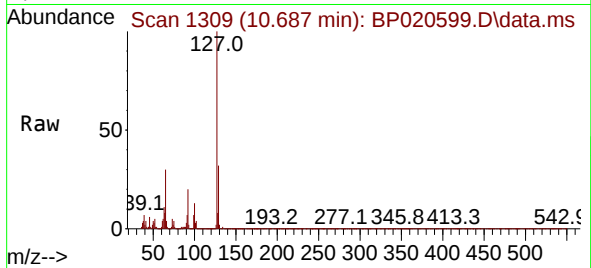




#33
4-Chloroaniline
Concen: 18.370 ng
RT: 10.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

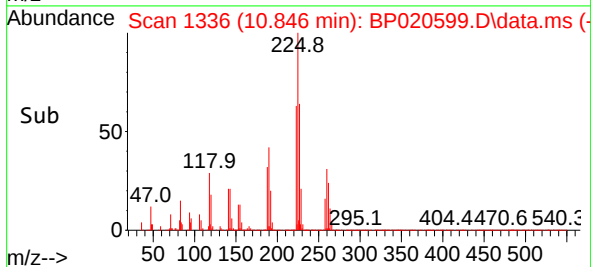
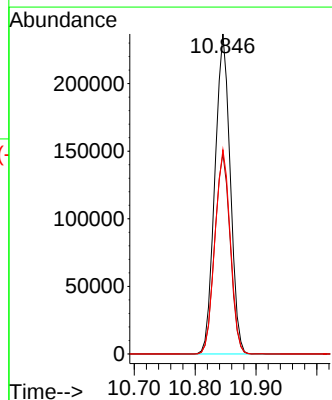
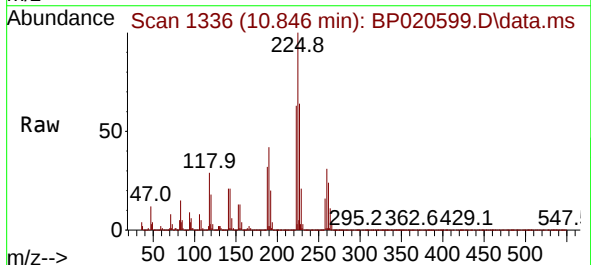
Instrument :
BNA_P
ClientSampleId :
PB161426BS

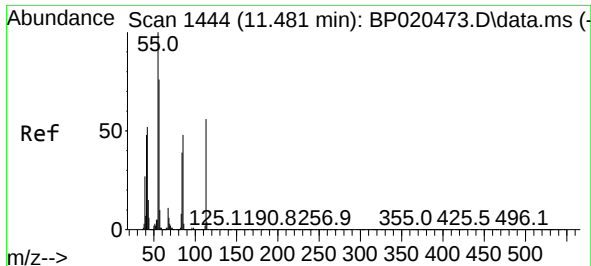
Tgt	Ion:127	Resp:	330761
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	30.4	25.4	38.2
92	19.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 42.111 ng
RT: 10.846 min Scan# 1336
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt	Ion:225	Resp:	412475
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.3	76.9
227	63.9	51.6	77.4

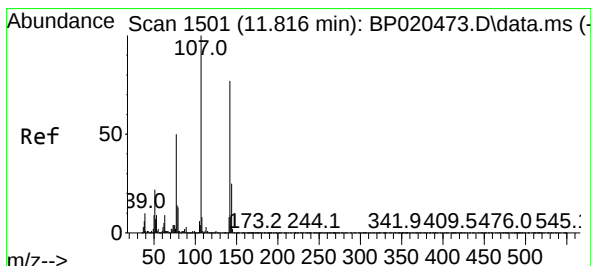
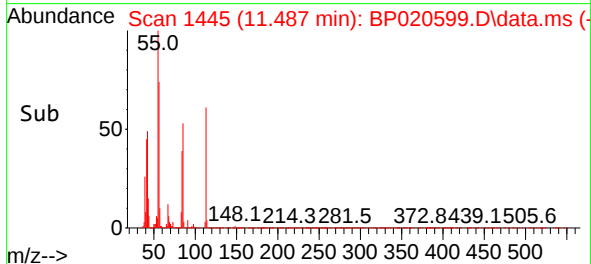
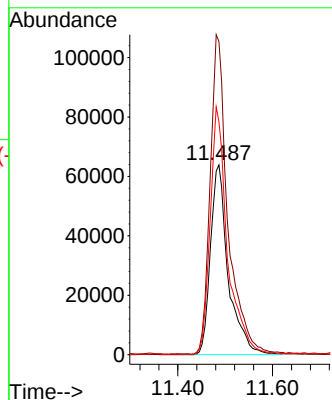
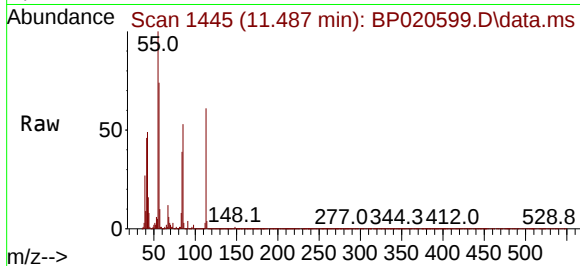




#35
Caprolactam
Concen: 34.714 ng
RT: 11.487 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

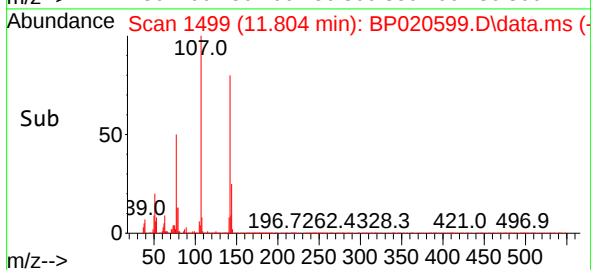
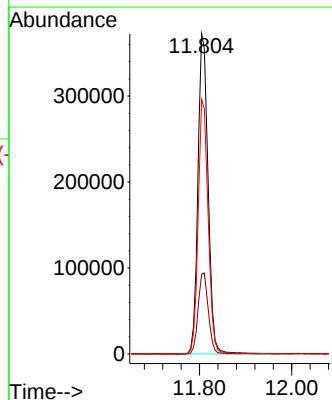
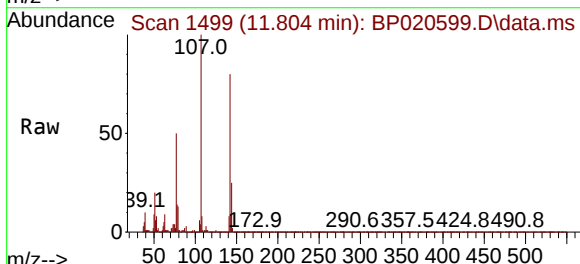
Instrument :
BNA_P
ClientSampleId :
PB161426BS

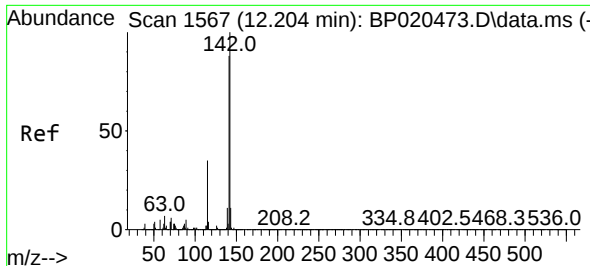
Tgt Ion:113 Resp: 166623
Ion Ratio Lower Upper
113 100
55 165.1 158.7 198.7
56 122.8 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 37.069 ng
RT: 11.804 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:107 Resp: 568463
Ion Ratio Lower Upper
107 100
144 24.9 20.0 30.0
142 79.6 61.4 92.2

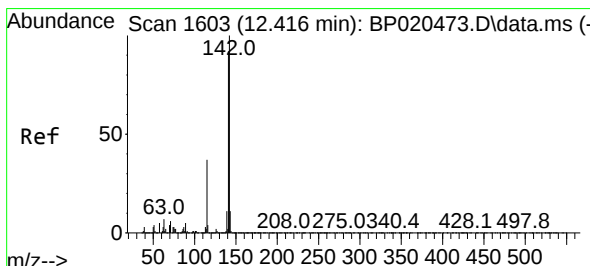
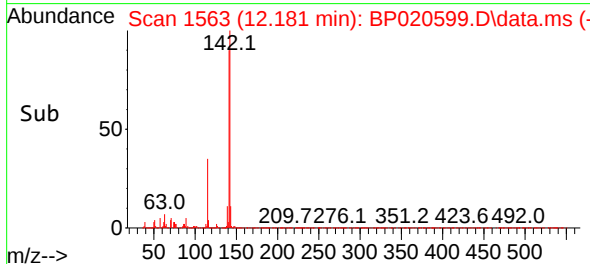
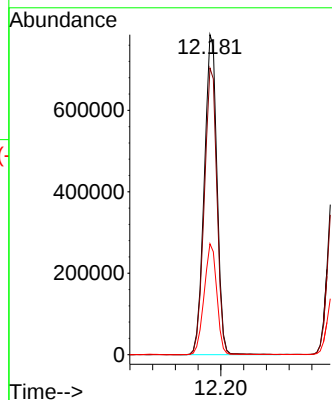
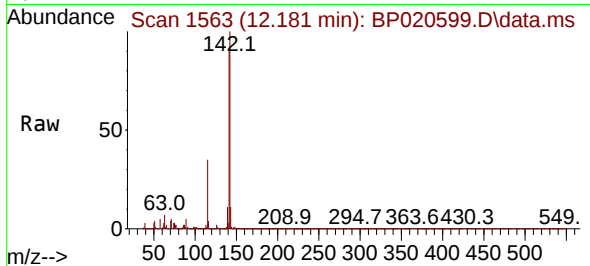




#37
2-Methylnaphthalene
Concen: 36.520 ng
RT: 12.181 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

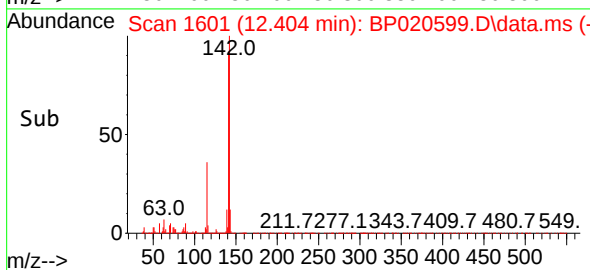
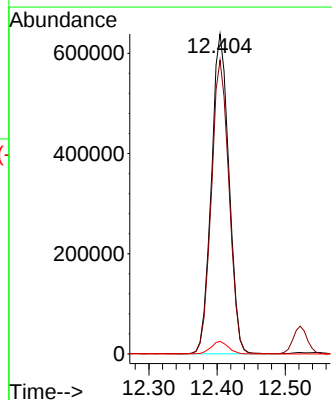
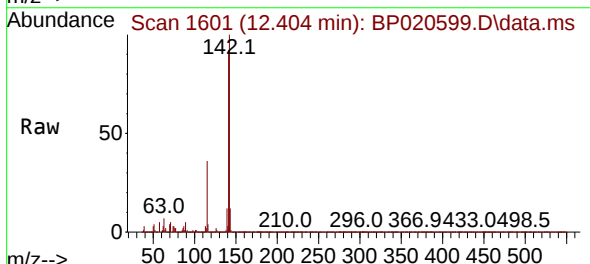
Instrument :
BNA_P
ClientSampleId :
PB161426BS

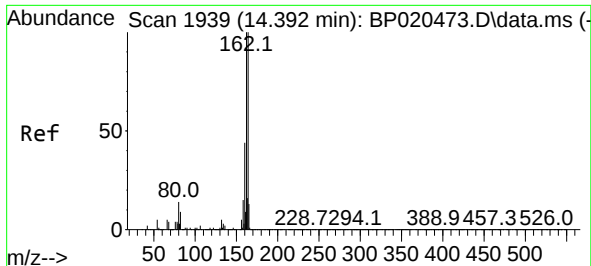
Tgt Ion:142 Resp: 1218017
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 34.7 28.0 42.0



#38
1-Methylnaphthalene
Concen: 34.664 ng
RT: 12.404 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:142 Resp: 1146035
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5
116 4.0 3.2 4.8

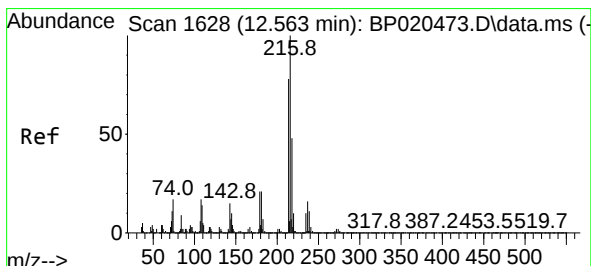
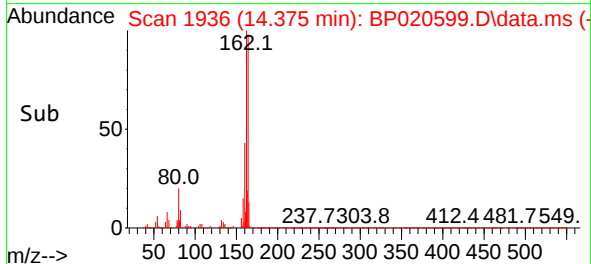
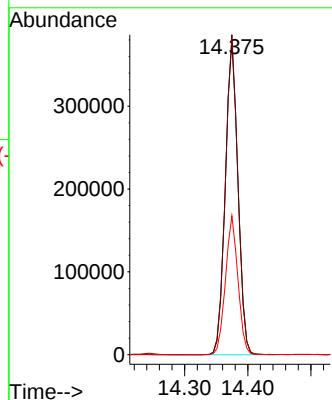
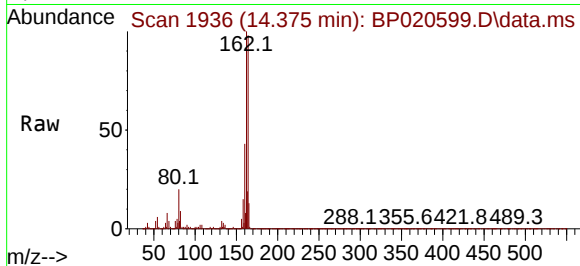




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1939
Delta R.T. -0.017 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

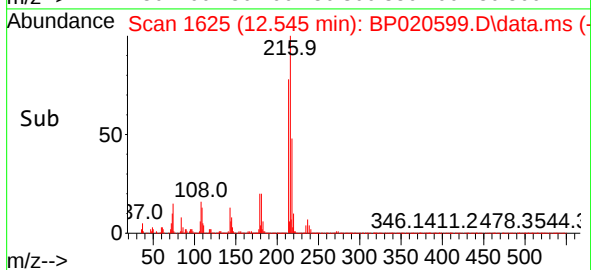
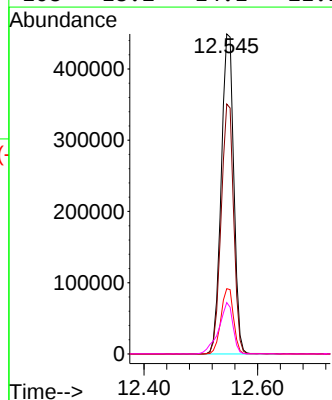
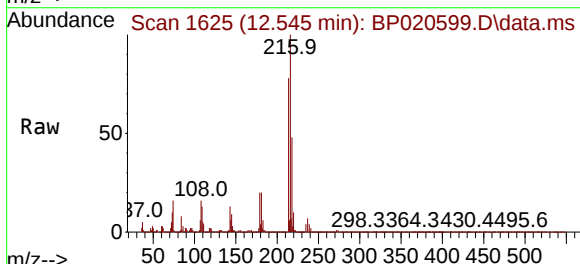
Instrument :
BNA_P
ClientSampleId :
PB161426BS

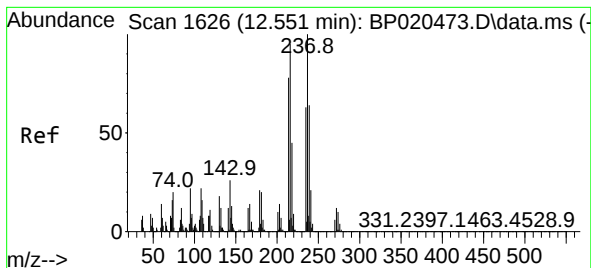
Tgt Ion:164 Resp: 525671
Ion Ratio Lower Upper
164 100
162 102.3 80.3 120.5
160 44.4 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.374 ng
RT: 12.545 min Scan# 1625
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:216 Resp: 690110
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.4
179 20.5 16.9 25.3
108 18.2 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 131.265 ng

RT: 12.522 min Scan# 1

Delta R.T. -0.029 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

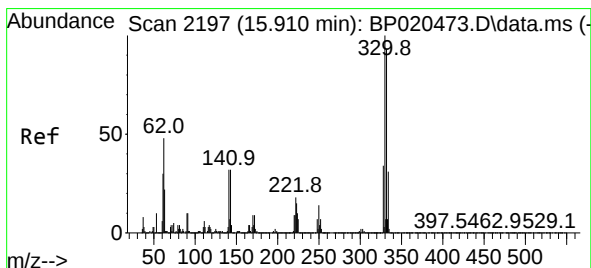
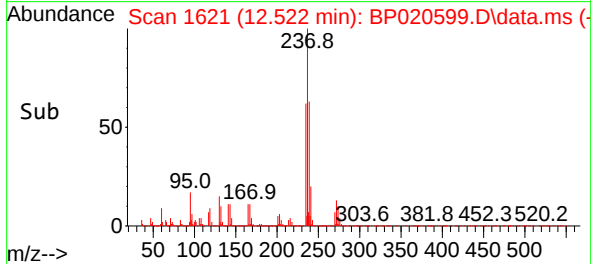
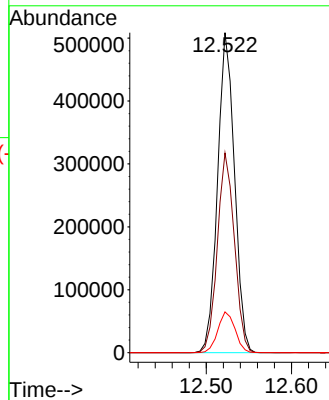
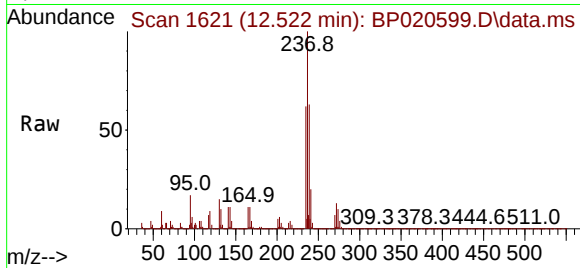
Tgt Ion:237 Resp: 701649

Ion Ratio Lower Upper

237 100

235 62.4 43.1 83.1

272 12.8 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 146.023 ng

RT: 15.892 min Scan# 2194

Delta R.T. -0.018 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

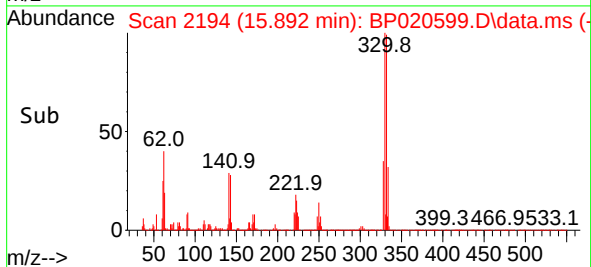
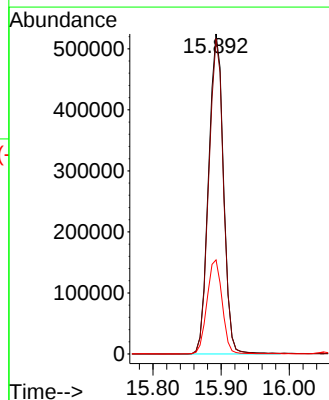
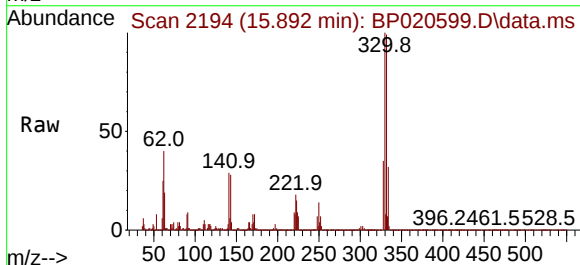
Tgt Ion:330 Resp: 796622

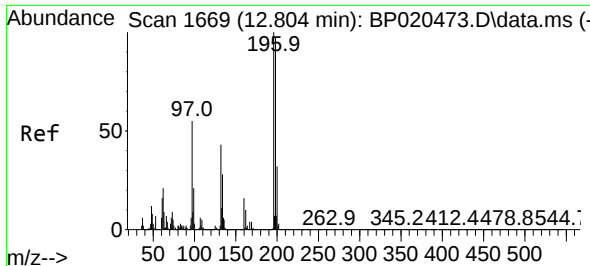
Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

141 30.0 27.1 40.7

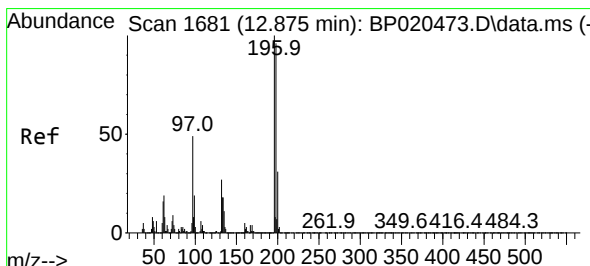
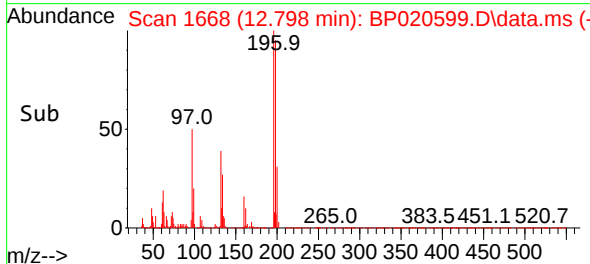
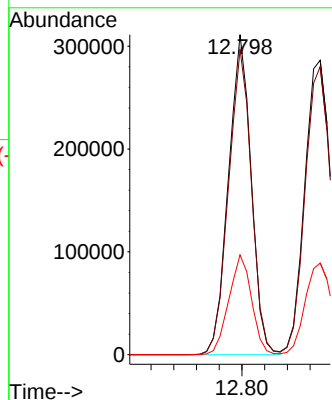
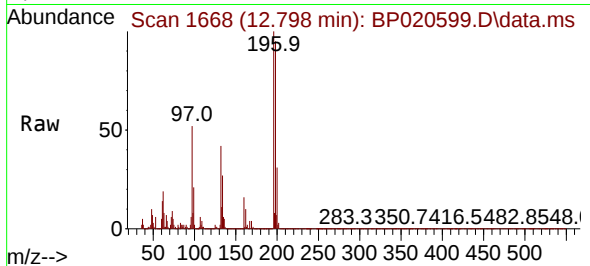




#43
2,4,6-Trichlorophenol
Concen: 46.917 ng
RT: 12.798 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

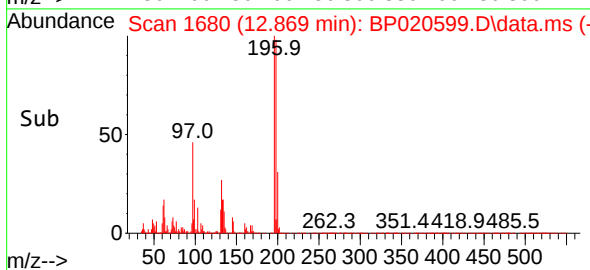
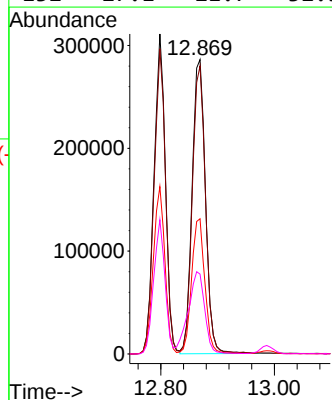
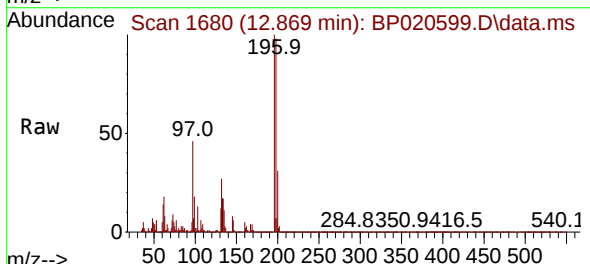
Instrument :
BNA_P
ClientSampleId :
PB161426BS

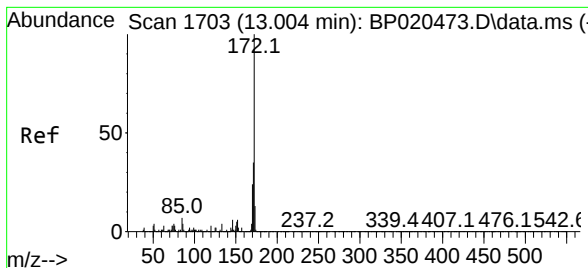
Tgt Ion:196 Resp: 431334
Ion Ratio Lower Upper
196 100
198 95.4 77.9 116.9
200 31.2 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 44.216 ng
RT: 12.869 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:196 Resp: 468979
Ion Ratio Lower Upper
196 100
198 97.8 77.0 115.4
97 45.9 38.9 58.3
132 27.1 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 80.274 ng

RT: 12.987 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

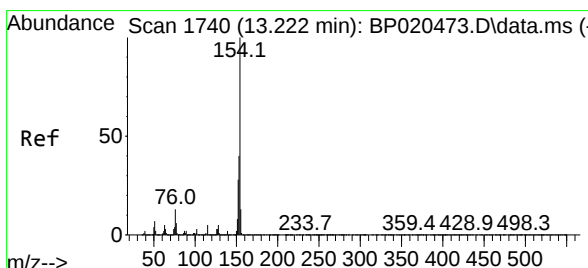
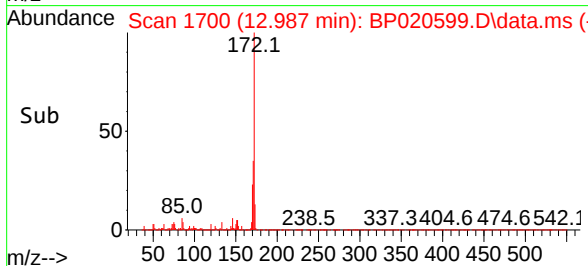
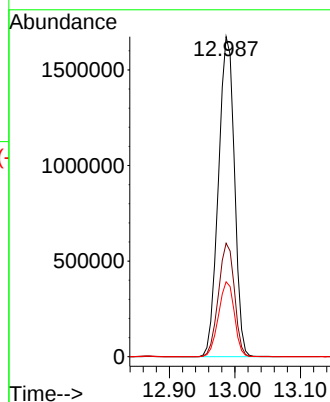
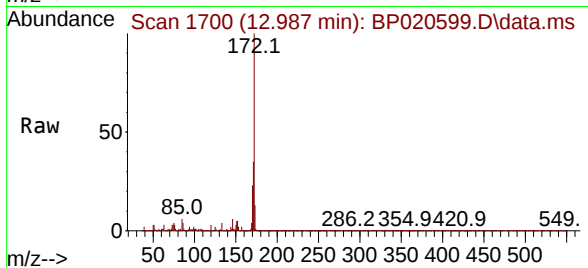
Tgt Ion:172 Resp: 2830671

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.747 ng

RT: 13.204 min Scan# 1737

Delta R.T. -0.018 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

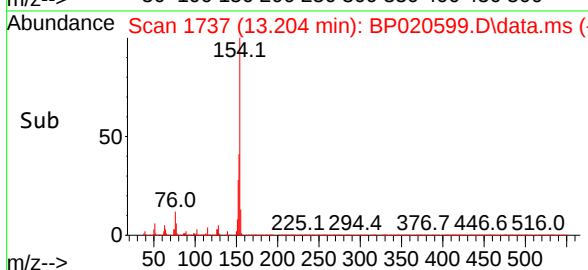
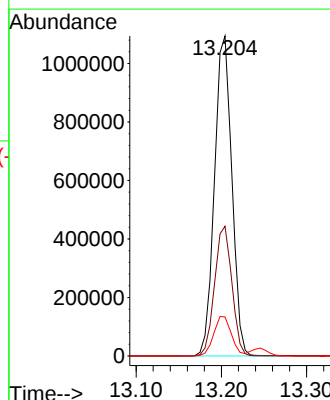
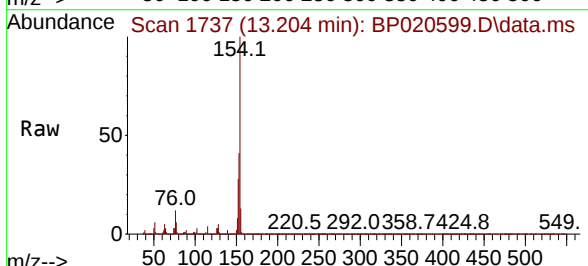
Tgt Ion:154 Resp: 1548728

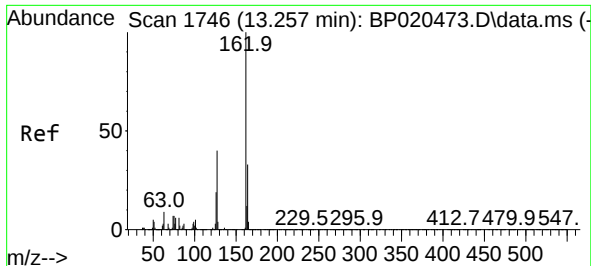
Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

76 12.2 0.0 33.2

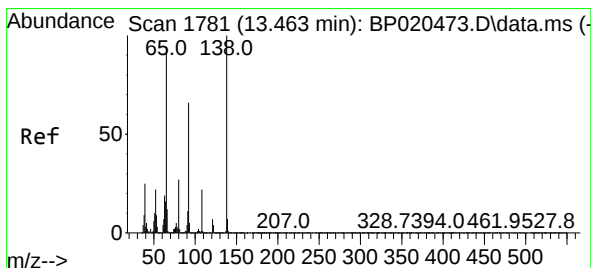
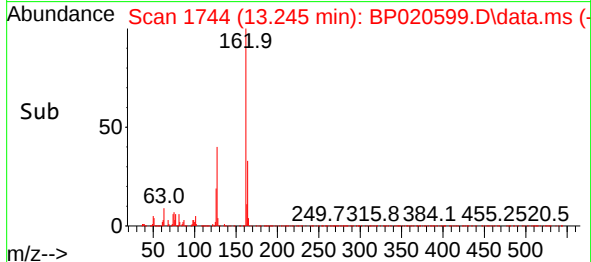
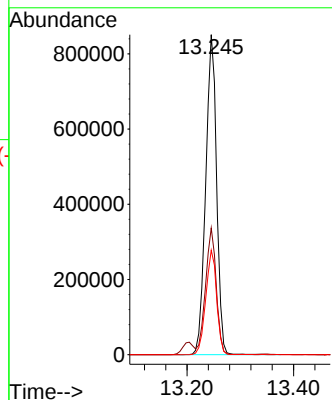
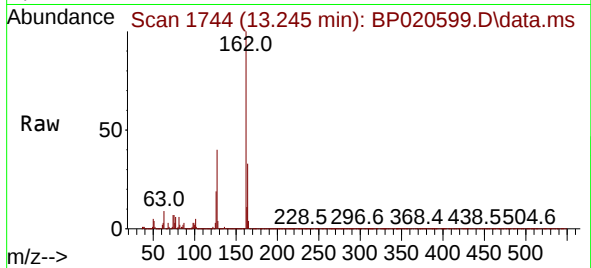




#47
2-Chloronaphthalene
Concen: 41.023 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

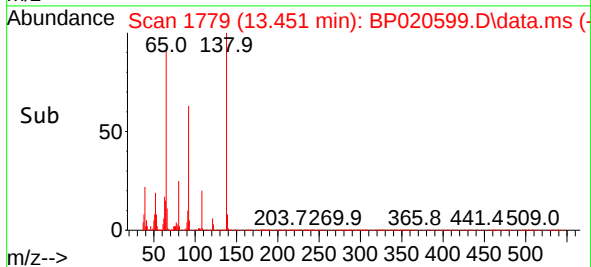
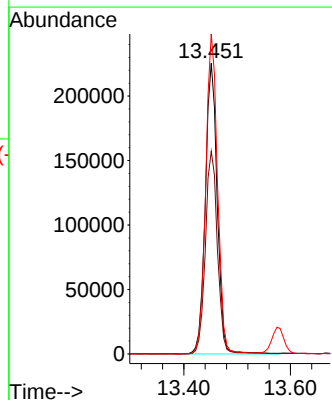
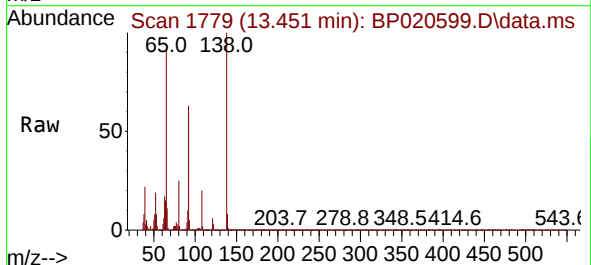
Instrument :
BNA_P
ClientSampleId :
PB161426BS

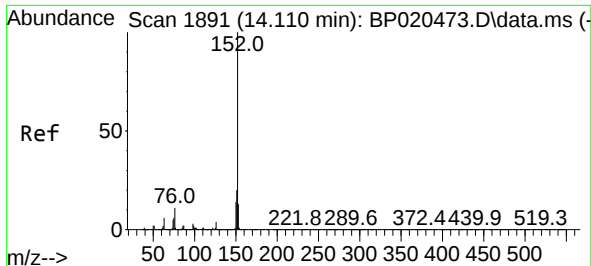
Tgt Ion:162 Resp: 1209844
Ion Ratio Lower Upper
162 100
127 39.6 32.2 48.2
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 43.809 ng
RT: 13.451 min Scan# 1779
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion: 65 Resp: 350098
Ion Ratio Lower Upper
65 100
92 69.7 55.8 83.8
138 110.1 85.2 127.8

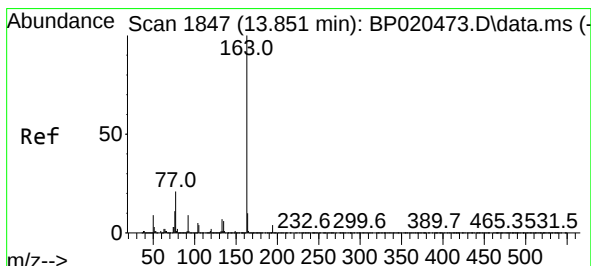
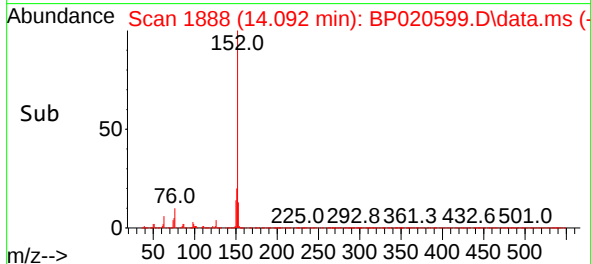
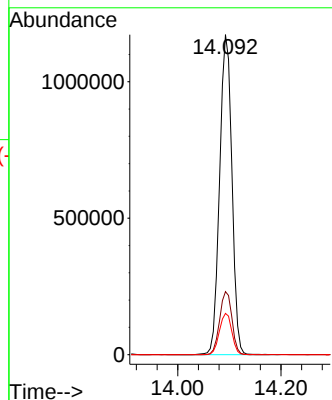
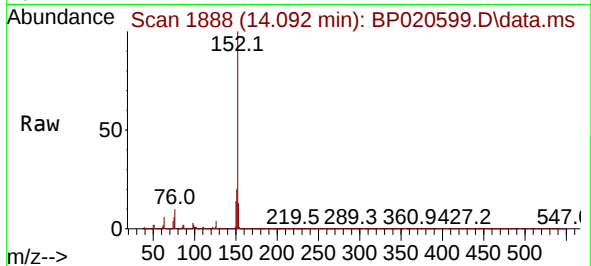




#49
Acenaphthylene
Concen: 44.149 ng
RT: 14.092 min Scan# 1888
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

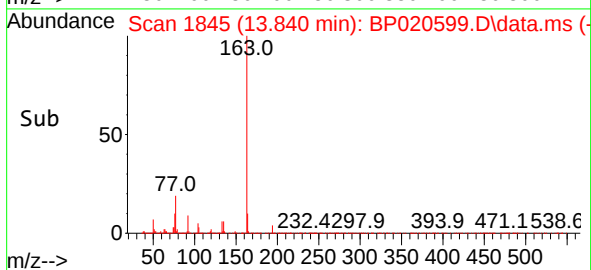
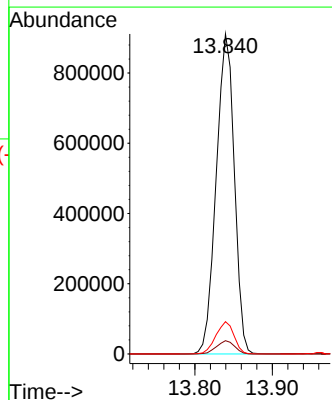
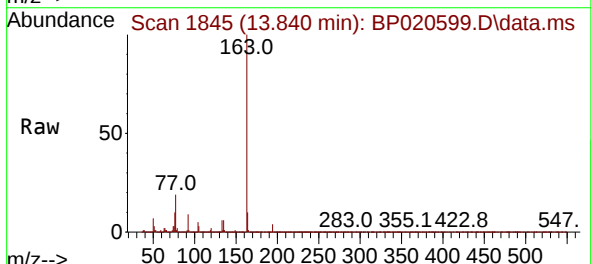
Instrument :
BNA_P
ClientSampleId :
PB161426BS

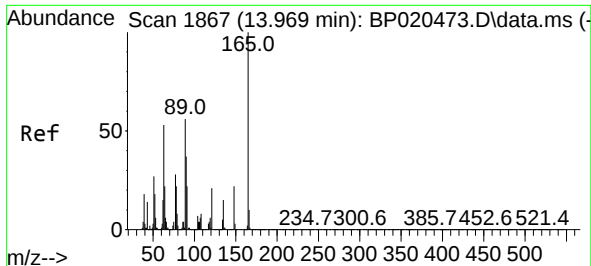
Tgt Ion:152 Resp: 1932044
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 39.900 ng
RT: 13.840 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:163 Resp: 1478446
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.3 12.5

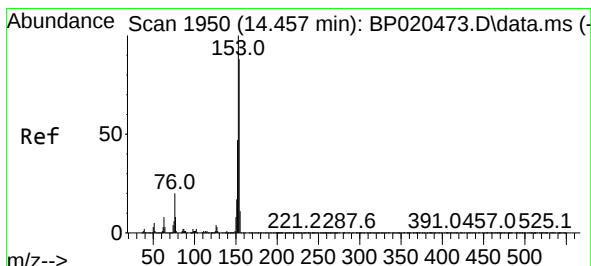
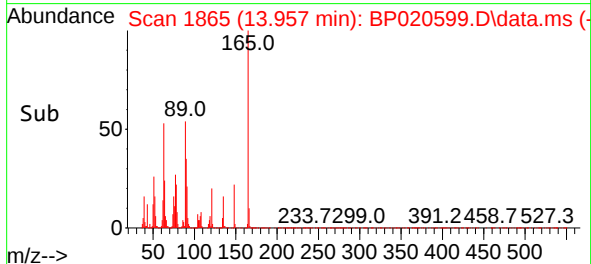
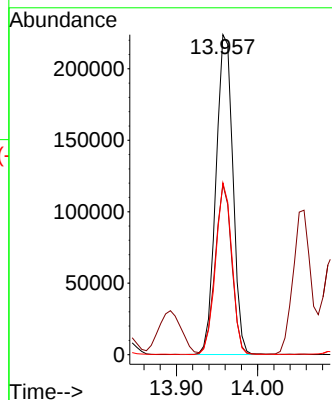
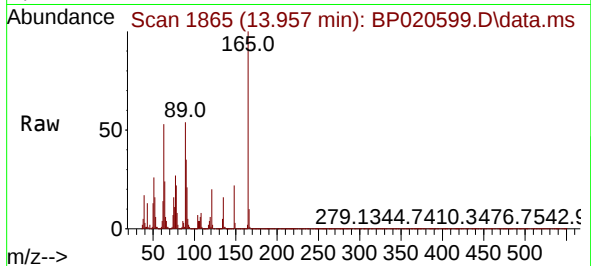




#51
2,6-Dinitrotoluene
Concen: 41.065 ng
RT: 13.957 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

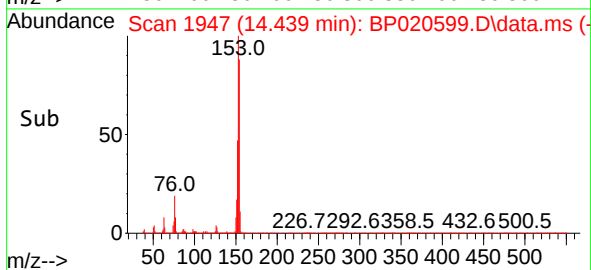
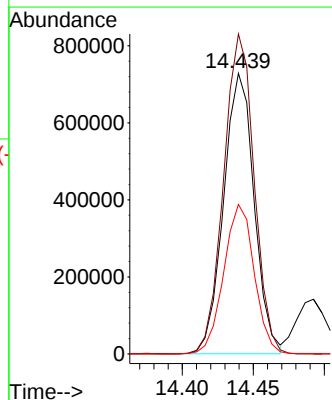
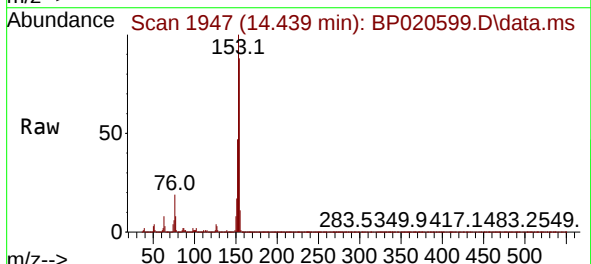
Instrument :
BNA_P
ClientSampleId :
PB161426BS

Tgt Ion:165 Resp: 325242
Ion Ratio Lower Upper
165 100
63 53.2 45.6 68.4
89 53.7 44.9 67.3



#52
Acenaphthene
Concen: 39.599 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:154 Resp: 1093101
Ion Ratio Lower Upper
154 100
153 114.0 90.6 136.0
152 53.3 42.6 63.8

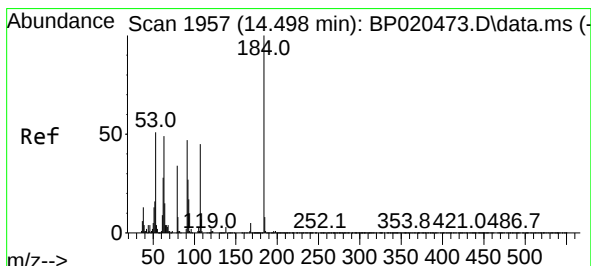
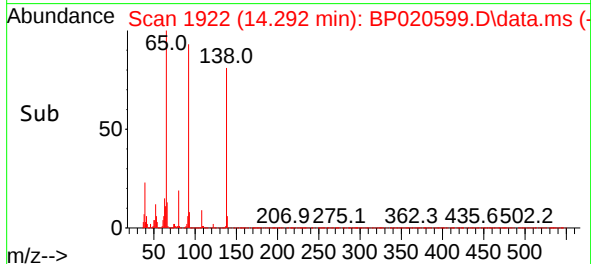
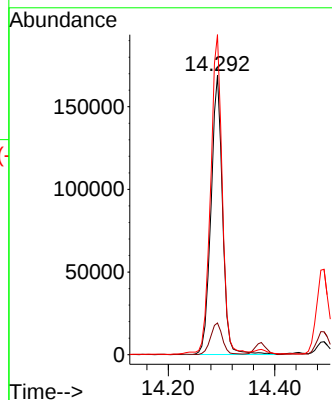
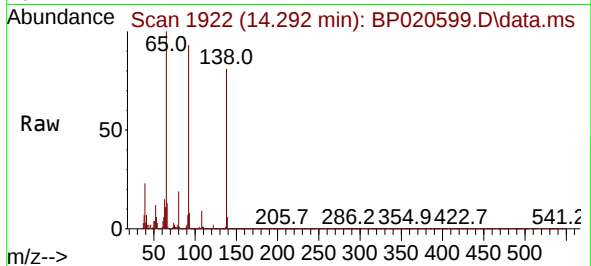




#53
3-Nitroaniline
Concen: 32.062 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

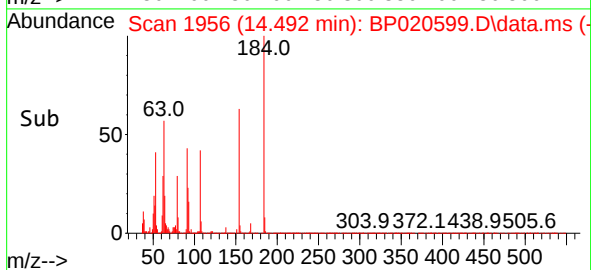
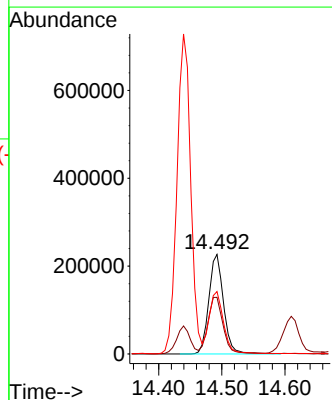
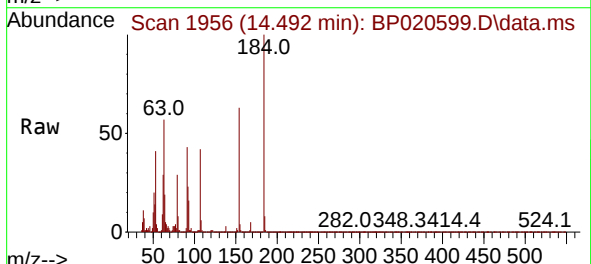
Instrument :
BNA_P
ClientSampleId :
PB161426BS

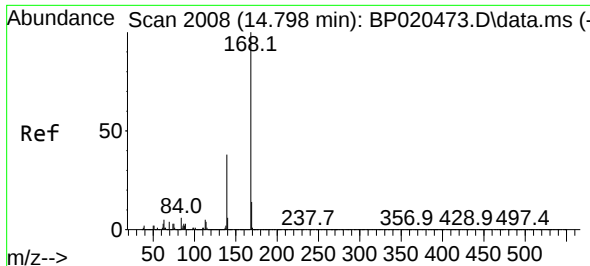
Tgt Ion:138 Resp: 254716
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.6
92 114.6 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 96.113 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:184 Resp: 366860
Ion Ratio Lower Upper
184 100
63 56.9 54.2 81.4
154 62.6 51.0 76.6

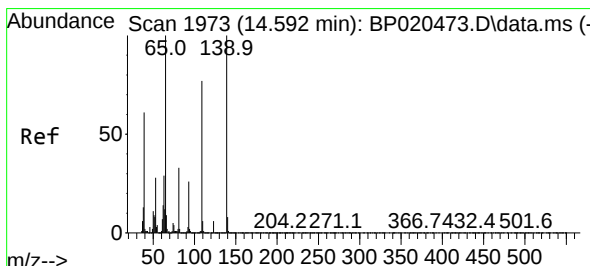
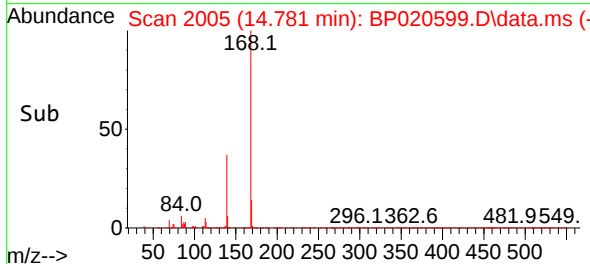
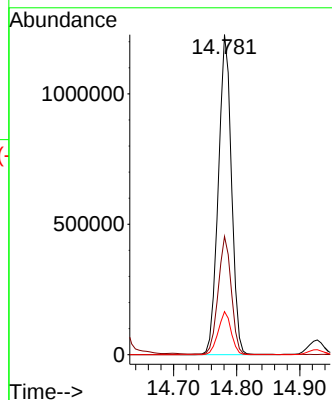
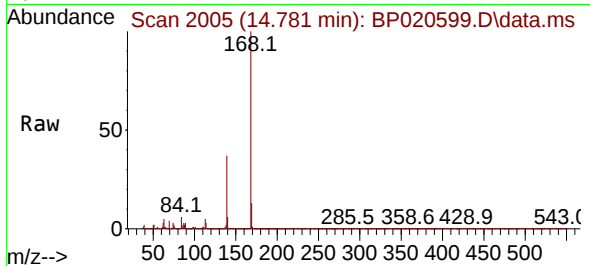




#55
Dibenzenofuran
Concen: 40.511 ng
RT: 14.781 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

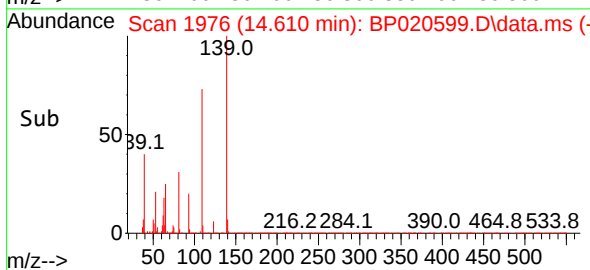
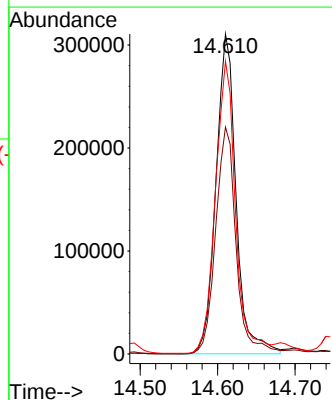
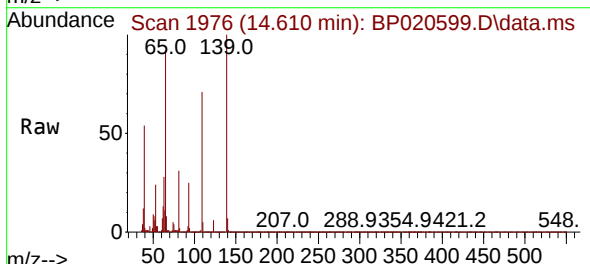
Instrument :
BNA_P
ClientSampleId :
PB161426BS

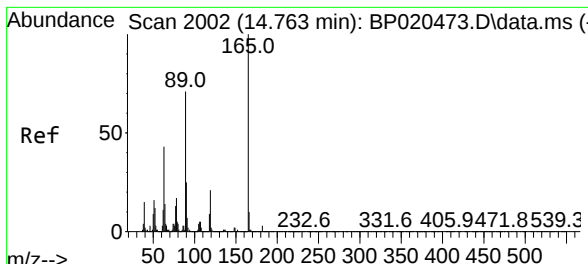
Tgt Ion:168 Resp: 1771485
Ion Ratio Lower Upper
168 100
139 37.0 30.4 45.6
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 91.128 ng
RT: 14.610 min Scan# 1976
Delta R.T. 0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:139 Resp: 560021
Ion Ratio Lower Upper
139 100
109 70.9 57.4 97.4
65 91.5 80.4 120.4



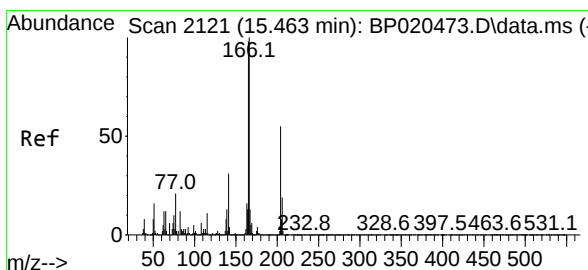
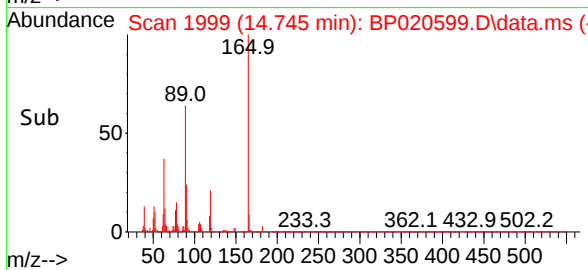
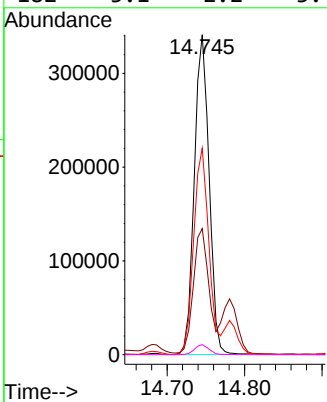
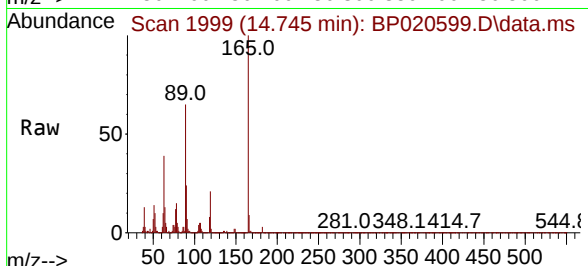


#57
2,4-Dinitrotoluene
Concen: 43.501 ng
RT: 14.745 min Scan# 1999
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Instrument :
BNA_P
ClientSampleId :
PB161426BS

Tgt Ion:165 Resp: 452788

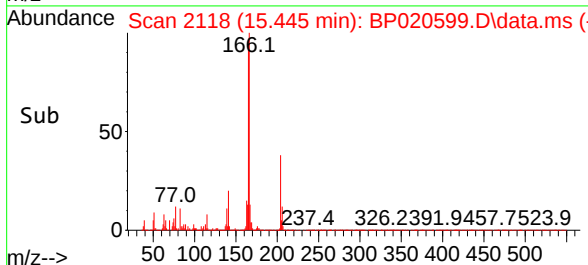
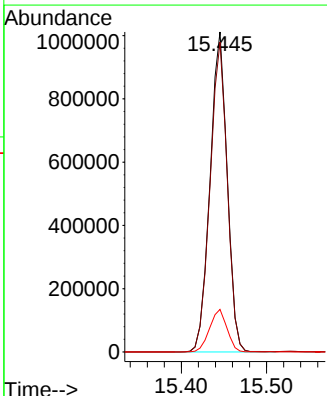
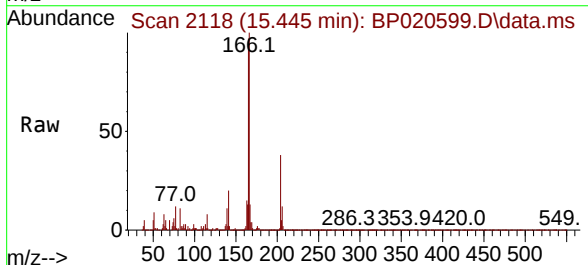
Ion	Ratio	Lower	Upper
165	100		
63	39.4	34.9	52.3
89	64.5	56.6	85.0
182	3.1	2.2	3.4

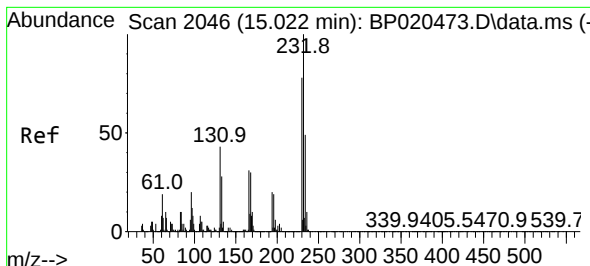


#58
Fluorene
Concen: 40.239 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:166 Resp: 1412573

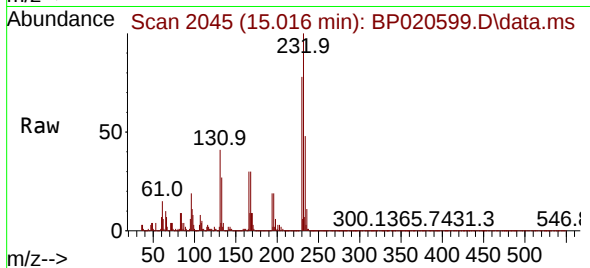
Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.2	117.4
167	13.3	10.7	16.1



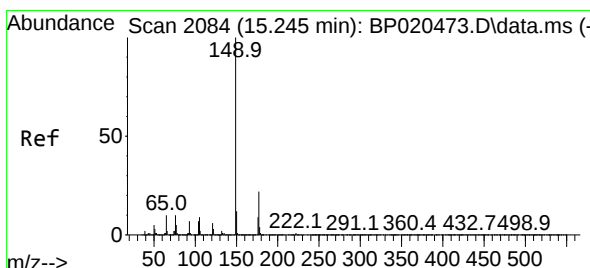
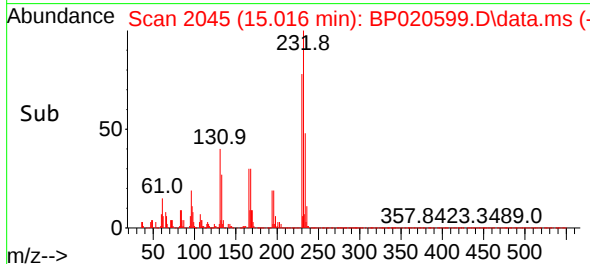
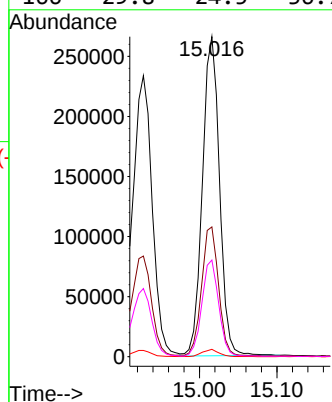


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.900 ng
RT: 15.016 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Instrument :
BNA_P
ClientSampleId :
PB161426BS

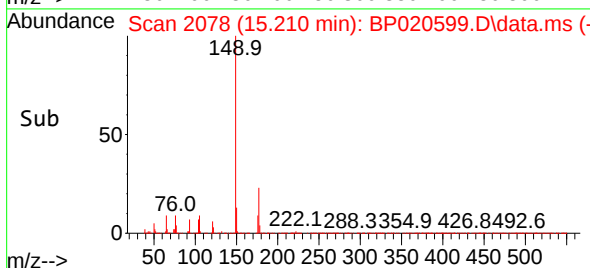
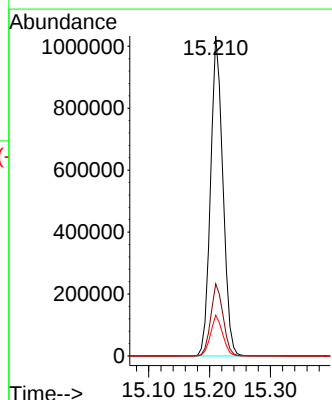
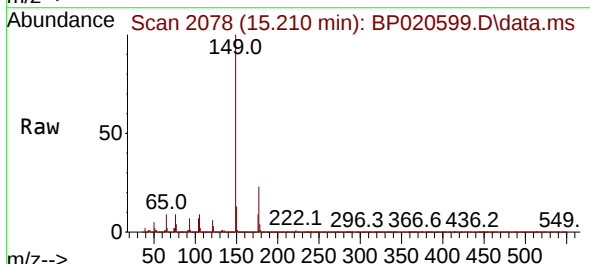


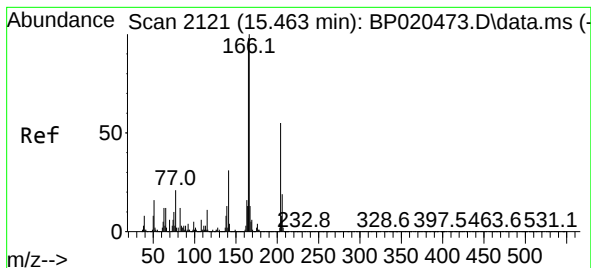
Tgt Ion:232 Resp: 407087
Ion Ratio Lower Upper
232 100
131 40.5 34.8 52.2
130 2.3 1.9 2.9
166 29.8 24.5 36.7



#60
Diethylphthalate
Concen: 38.578 ng
RT: 15.210 min Scan# 2078
Delta R.T. -0.035 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:149 Resp: 1453111
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.8 9.8 14.8

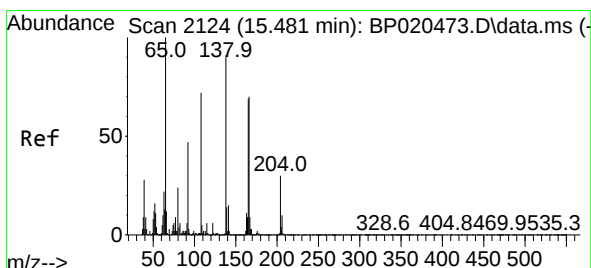
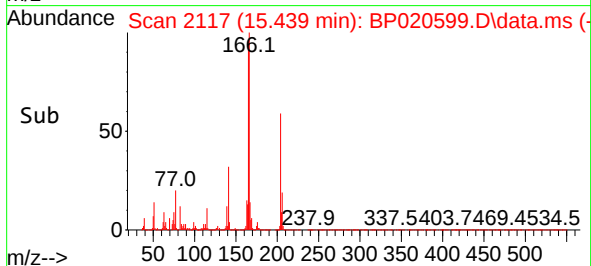
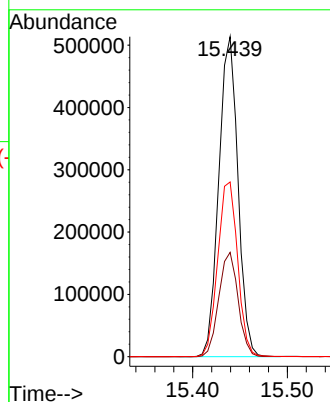
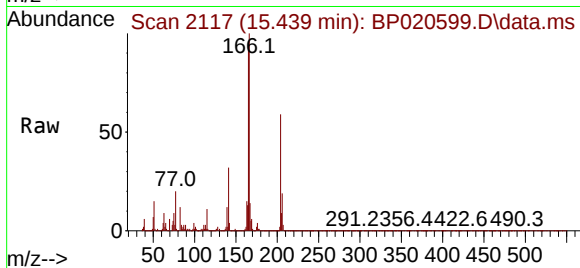




#61
4-Chlorophenyl-phenylether
Concen: 39.919 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.024 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

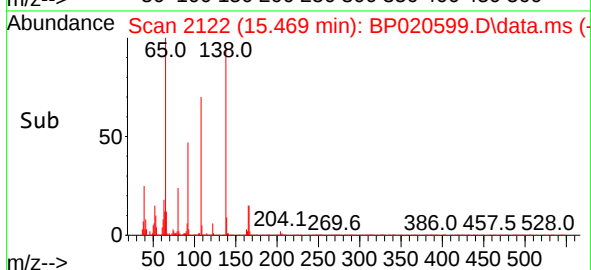
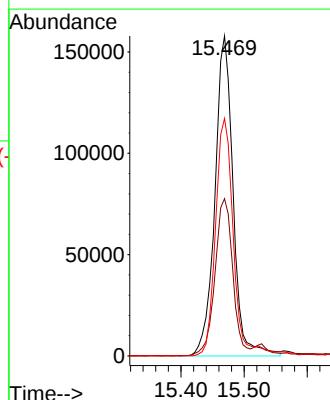
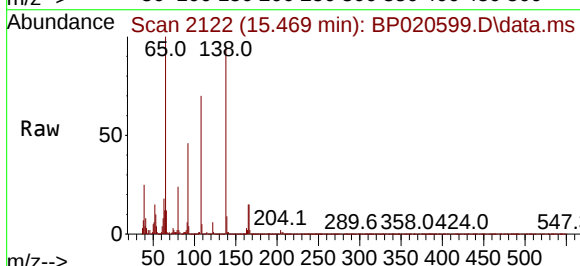
Instrument :
BNA_P
ClientSampleId :
PB161426BS

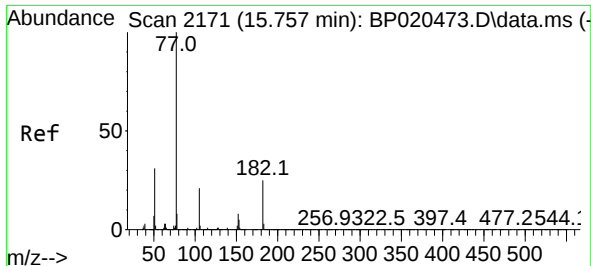
Tgt Ion:204 Resp: 723129
Ion Ratio Lower Upper
204 100
206 32.6 27.0 40.4
141 54.6 45.0 67.6



#62
4-Nitroaniline
Concen: 38.560 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:138 Resp: 315559
Ion Ratio Lower Upper
138 100
92 49.1 31.7 71.7
108 74.2 59.9 99.9



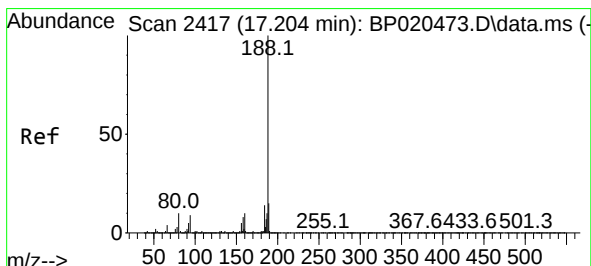
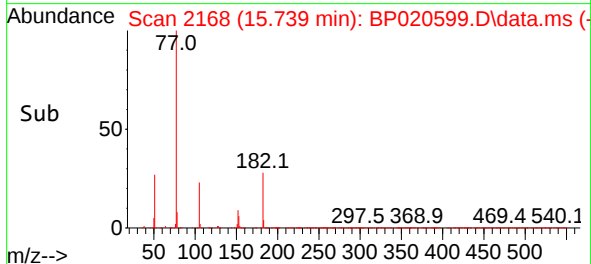
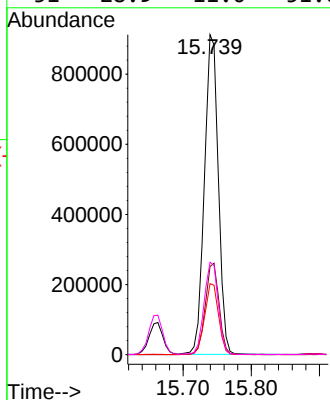
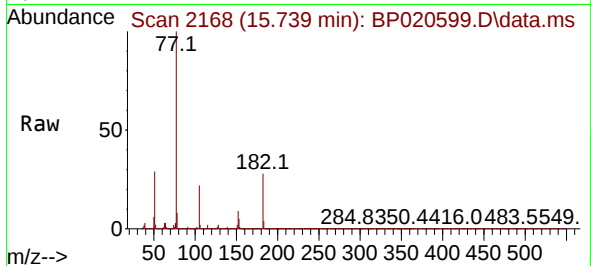


#63
Azobenzene
Concen: 36.819 ng
RT: 15.739 min Scan# 2171
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Instrument :
BNA_P
ClientSampleId :
PB161426BS

Tgt Ion: 77 Resp: 1294978

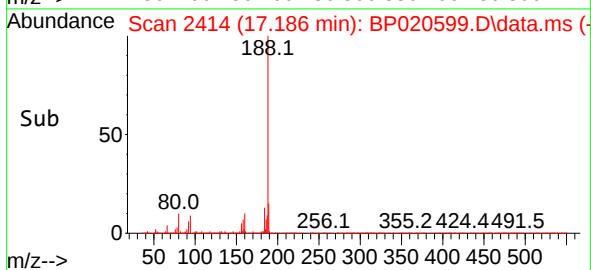
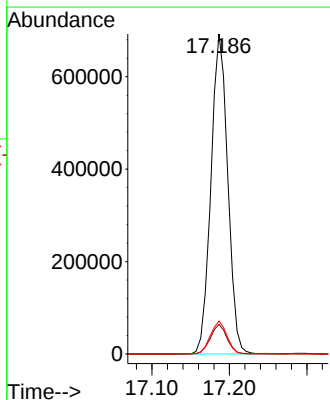
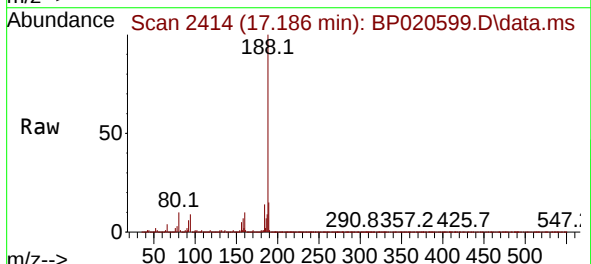
Ion	Ratio	Lower	Upper
77	100		
182	27.6	4.6	44.6
105	22.2	1.2	41.2
51	28.9	11.0	51.0

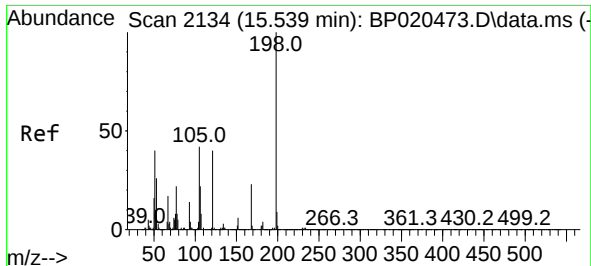


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion: 188 Resp: 1042918

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.3	8.1	12.1

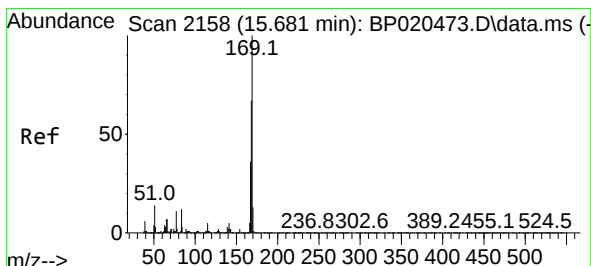
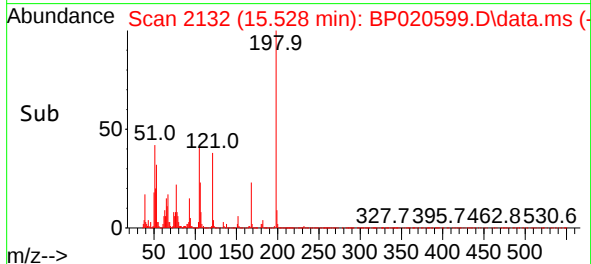
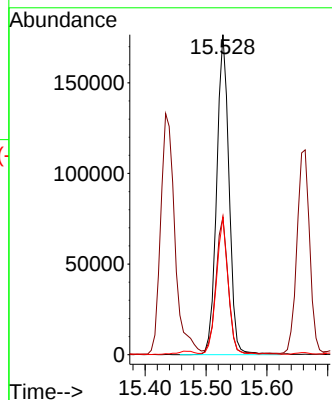
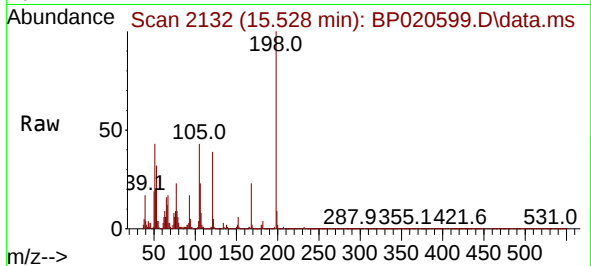




#65
4,6-Dinitro-2-methylphenol
Concen: 52.931 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

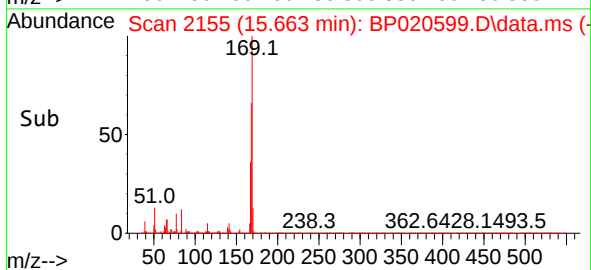
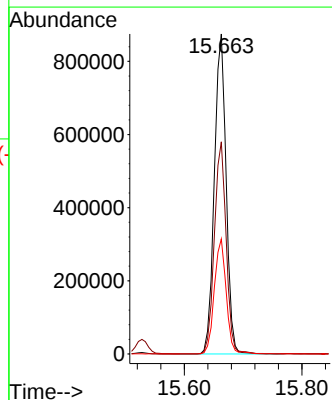
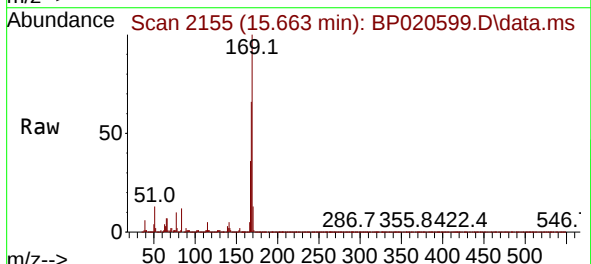
Instrument :
BNA_P
ClientSampleId :
PB161426BS

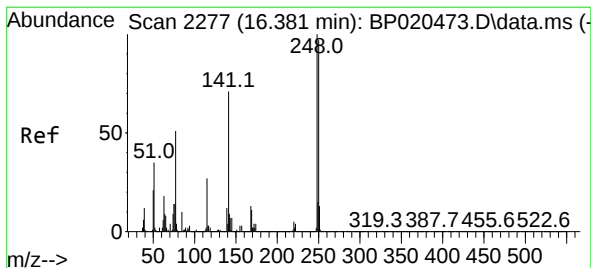
Tgt Ion:198 Resp: 249062
Ion Ratio Lower Upper
198 100
51 43.0 24.8 64.8
105 43.0 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 42.412 ng
RT: 15.663 min Scan# 2155
Delta R.T. -0.018 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:169 Resp: 1216104
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 36.0 28.7 43.1

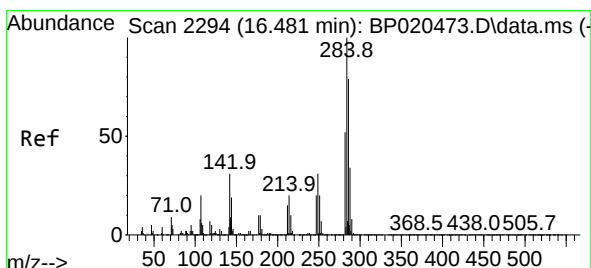
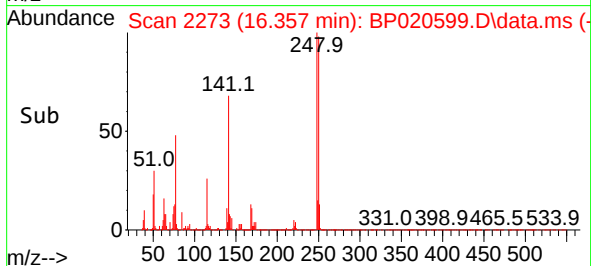
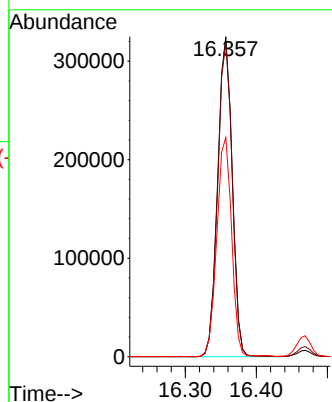
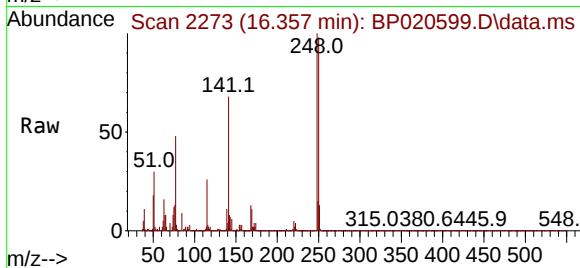




#67
4-Bromophenyl-phenylether
Concen: 43.271 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

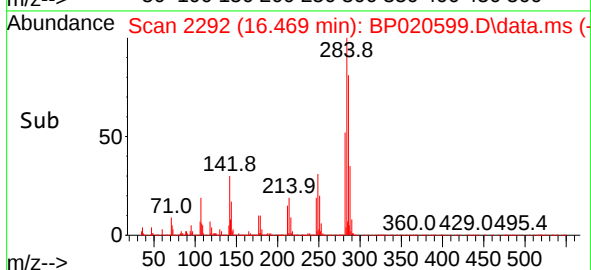
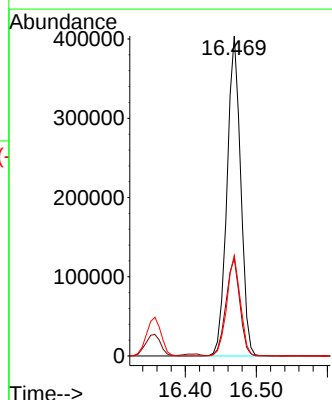
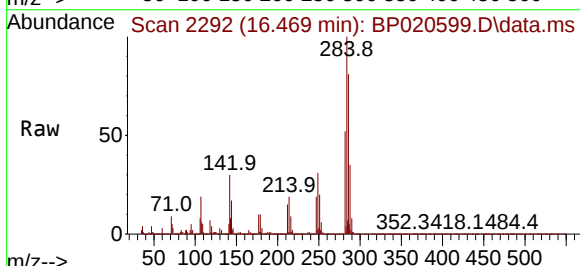
Instrument :
BNA_P
ClientSampleId :
PB161426BS

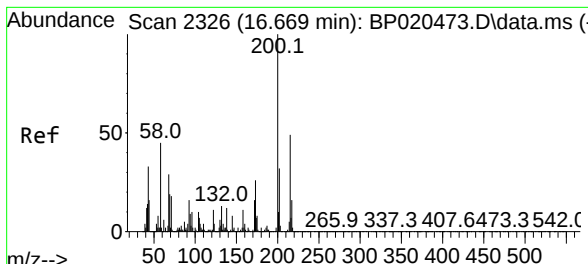
Tgt Ion:248 Resp: 461685
Ion Ratio Lower Upper
248 100
250 97.9 77.4 116.0
141 68.5 56.5 84.7



#68
Hexachlorobenzene
Concen: 42.792 ng
RT: 16.469 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:284 Resp: 537355
Ion Ratio Lower Upper
284 100
142 30.5 24.5 36.7
249 31.4 25.3 37.9

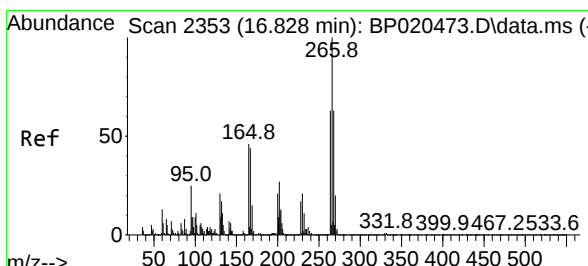
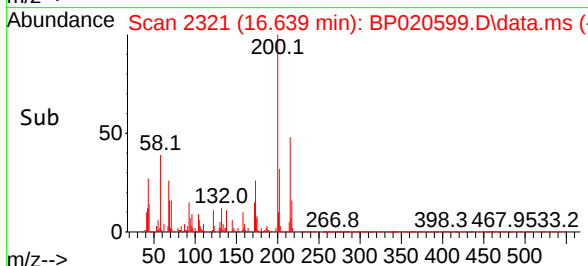
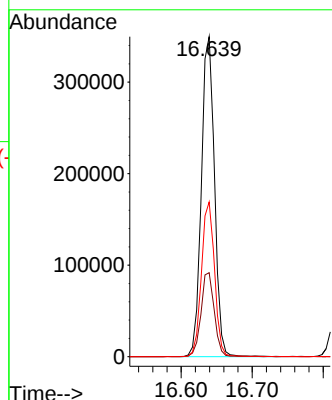
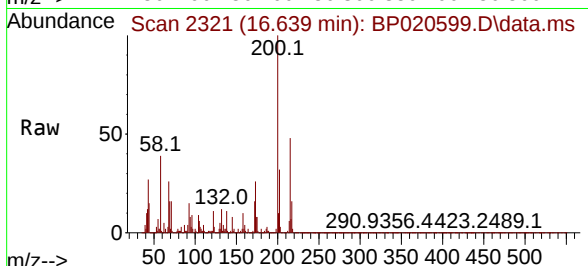




#69
 Atrazine
 Concen: 44.632 ng
 RT: 16.639 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BP020599.D
 Acq: 12 Jun 2024 12:53

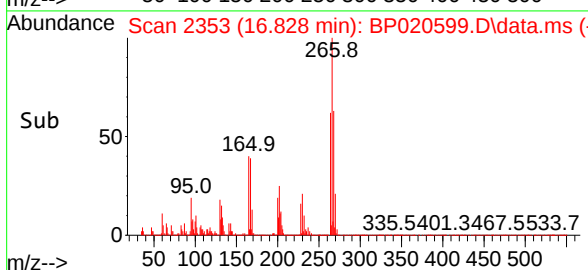
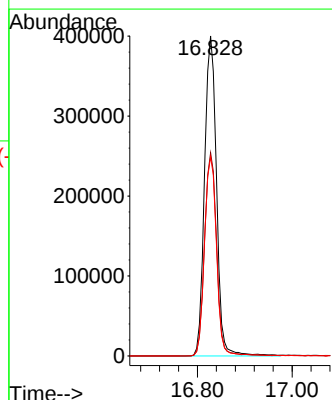
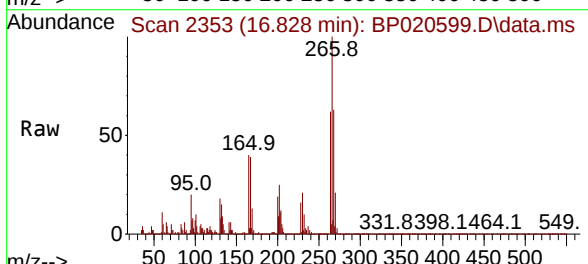
Instrument :
 BNA_P
 ClientSampleId :
 PB161426BS

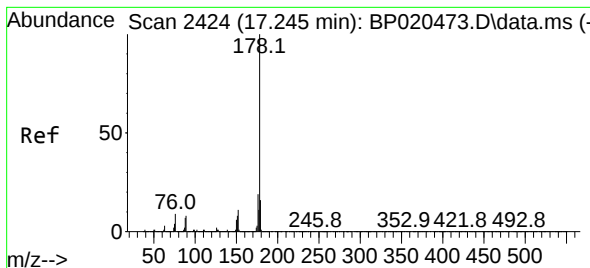
Tgt Ion:200 Resp: 450227
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.1 46.1
 215 48.4 28.7 68.7



#70
 Pentachlorophenol
 Concen: 92.308 ng
 RT: 16.828 min Scan# 2353
 Delta R.T. -0.000 min
 Lab File: BP020599.D
 Acq: 12 Jun 2024 12:53

Tgt Ion:266 Resp: 703998
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.1 75.1
 264 62.3 50.6 76.0





#71

Phenanthrene

Concen: 42.963 ng

RT: 17.233 min Scan# 2424

Delta R.T. -0.012 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

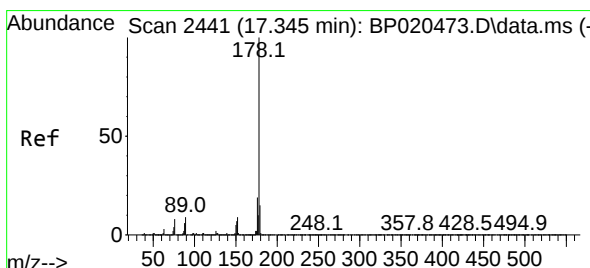
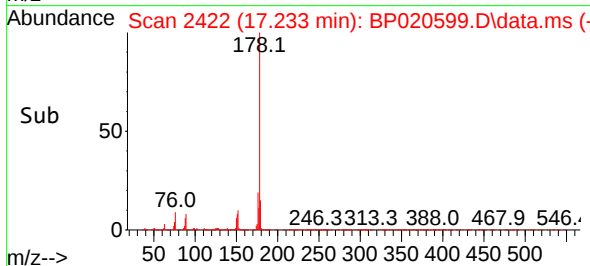
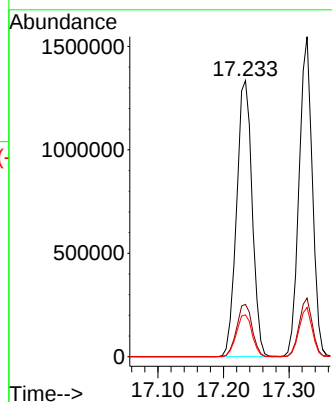
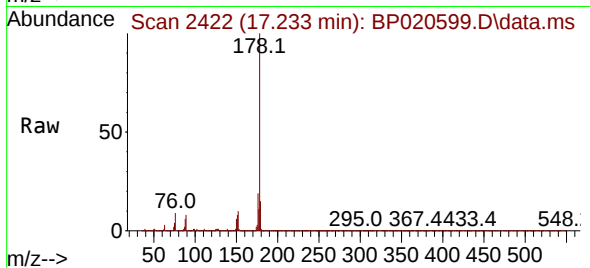
Tgt Ion:178 Resp: 2202581

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.2 12.5 18.7



#72

Anthracene

Concen: 43.015 ng

RT: 17.328 min Scan# 2438

Delta R.T. -0.018 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

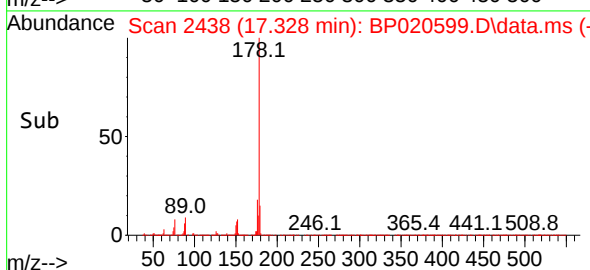
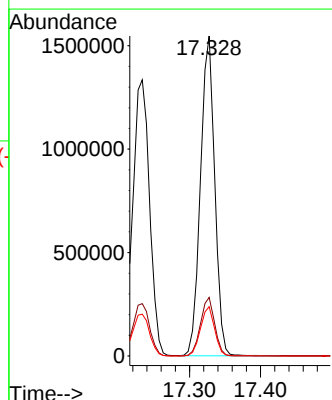
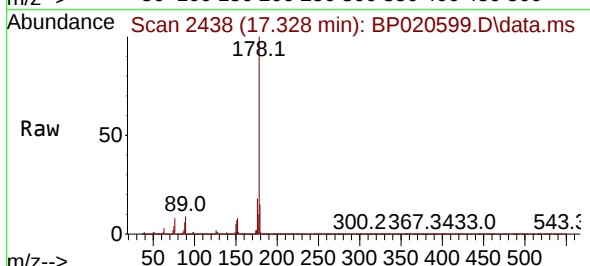
Tgt Ion:178 Resp: 2163938

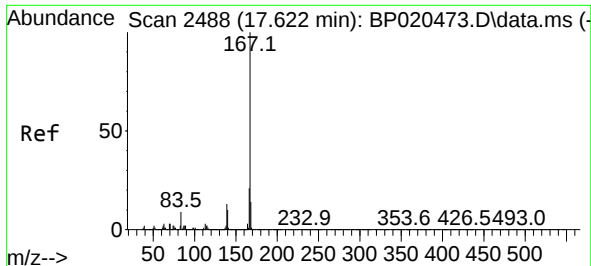
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.4 12.2 18.4

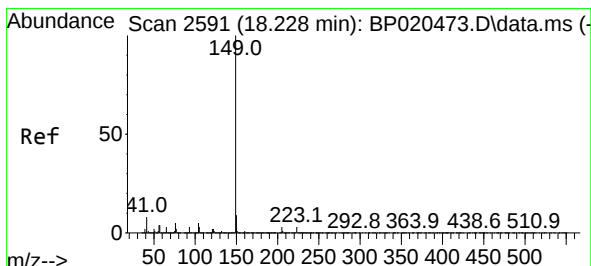
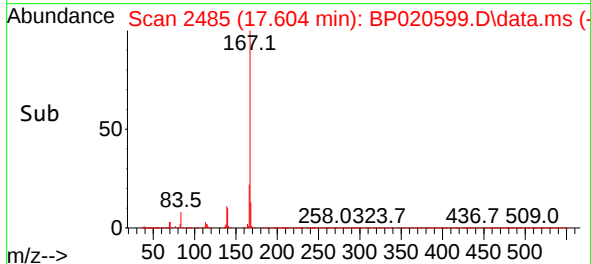
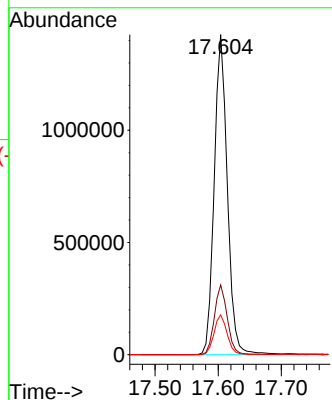
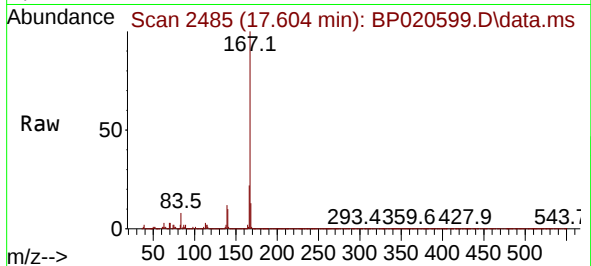




#73
 Carbazole
 Concen: 42.225 ng
 RT: 17.604 min Scan# 2485
 Delta R.T. -0.018 min
 Lab File: BP020599.D
 Acq: 12 Jun 2024 12:53

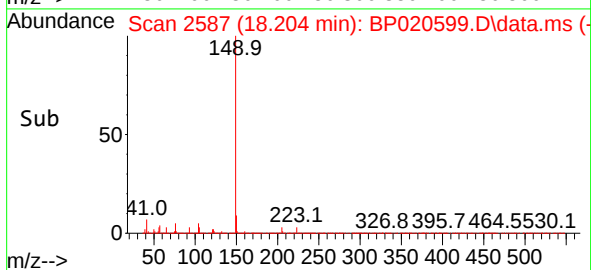
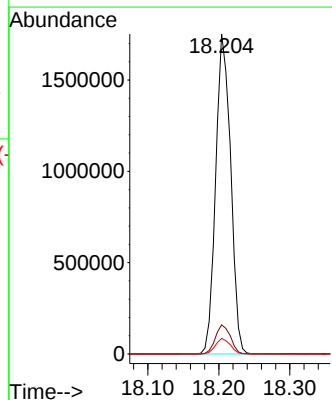
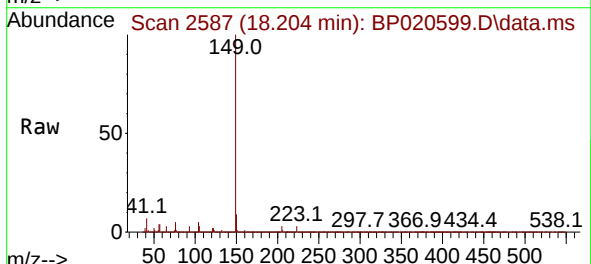
Instrument :
 BNA_P
 ClientSampleId :
 PB161426BS

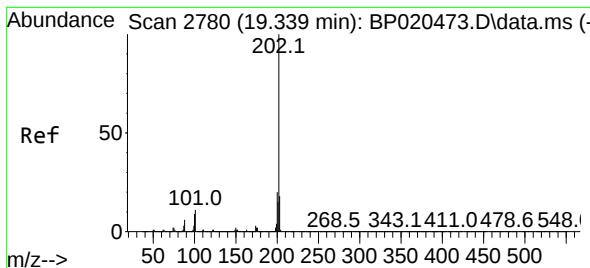
Tgt Ion:167 Resp: 2054704
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.356 ng
 RT: 18.204 min Scan# 2587
 Delta R.T. -0.024 min
 Lab File: BP020599.D
 Acq: 12 Jun 2024 12:53

Tgt Ion:149 Resp: 2554859
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 44.746 ng

RT: 19.322 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

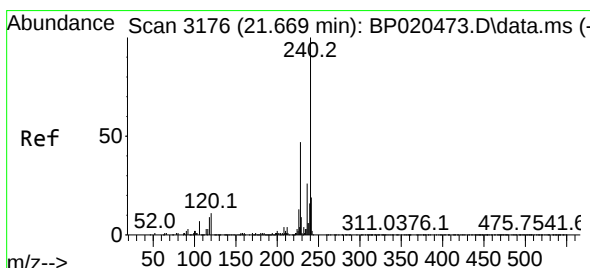
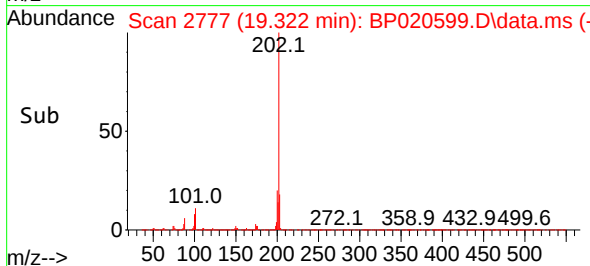
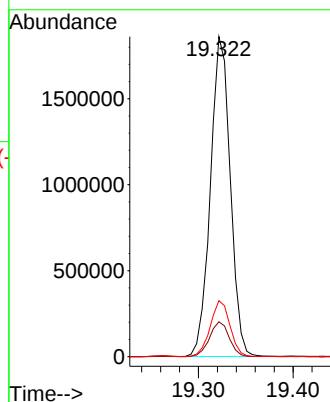
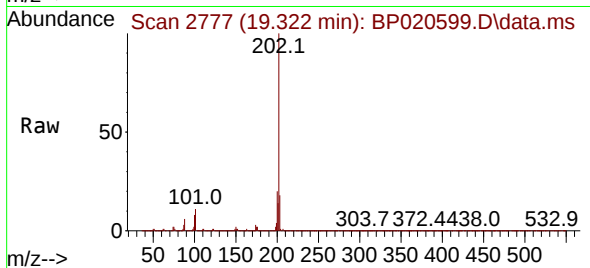
Tgt Ion:202 Resp: 2713875

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.4

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.639 min Scan# 3171

Delta R.T. -0.029 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

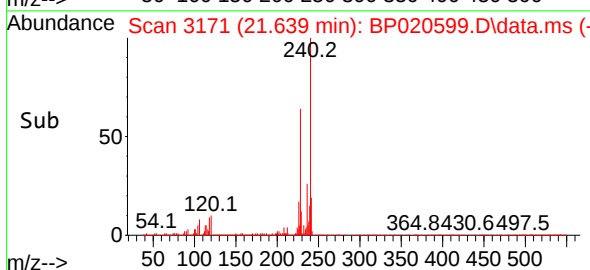
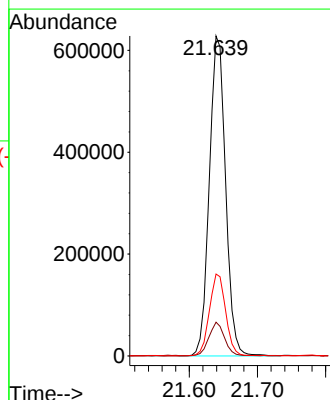
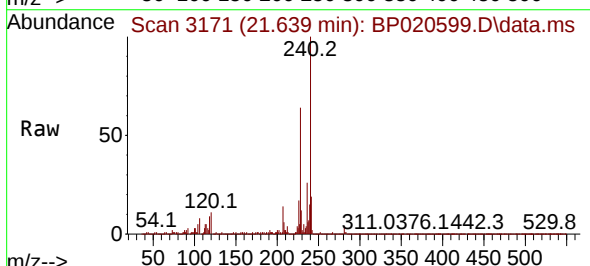
Tgt Ion:240 Resp: 1042195

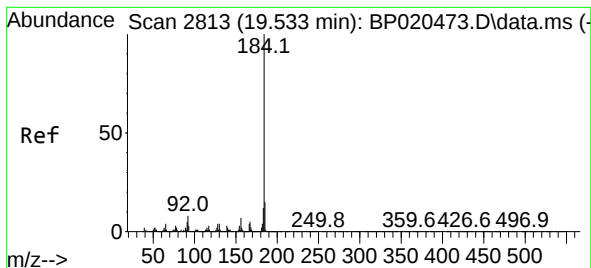
Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

236 25.6 20.5 30.7





#77

Benzidine

Concen: 11.563 ng

RT: 19.533 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

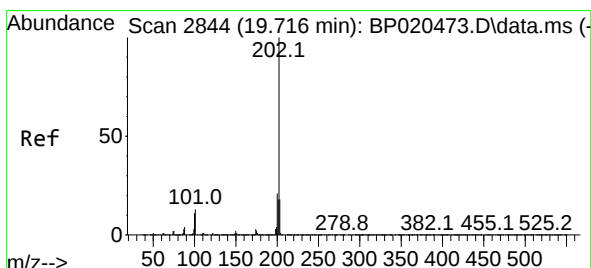
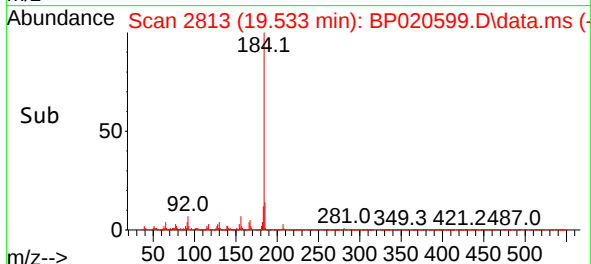
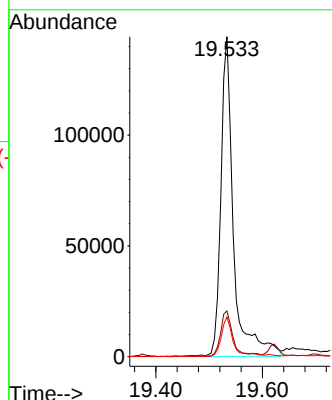
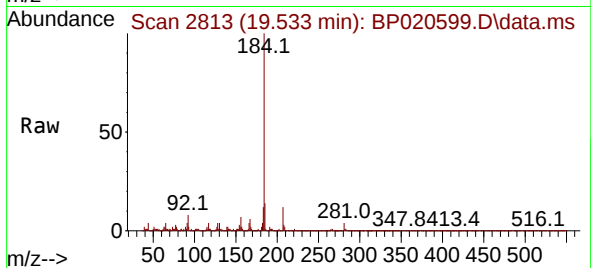
Tgt Ion:184 Resp: 236631

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

183 12.4 9.4 14.0



#78

Pyrene

Concen: 35.820 ng

RT: 19.698 min Scan# 2841

Delta R.T. -0.018 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

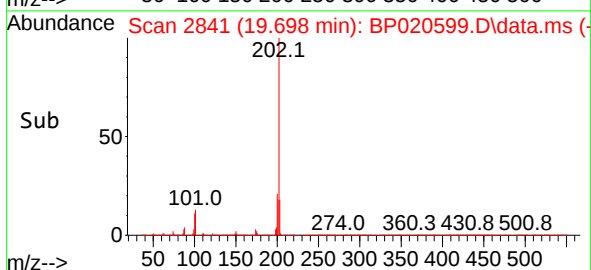
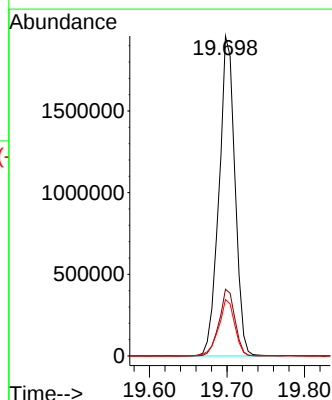
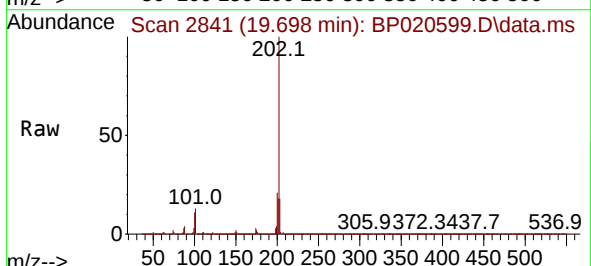
Tgt Ion:202 Resp: 2808004

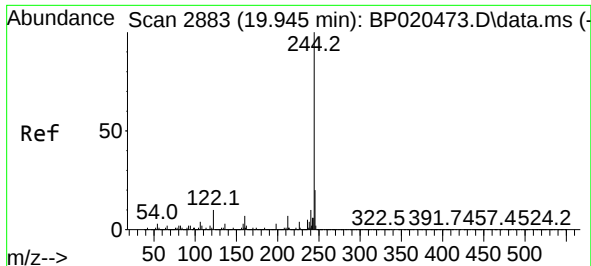
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.6 14.1 21.1

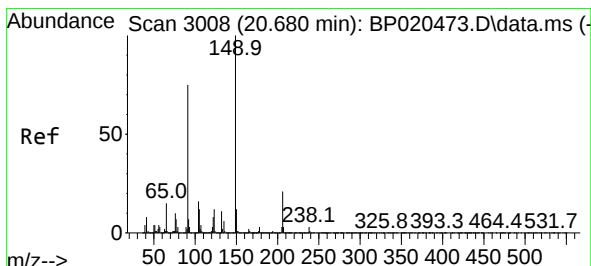
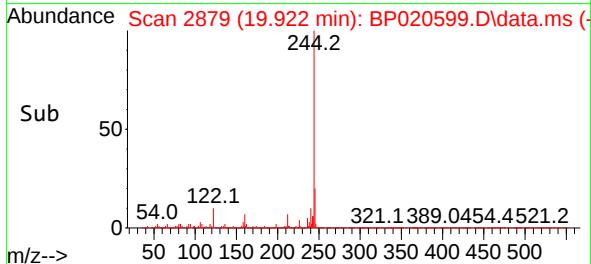
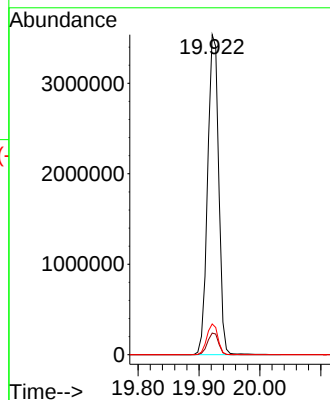
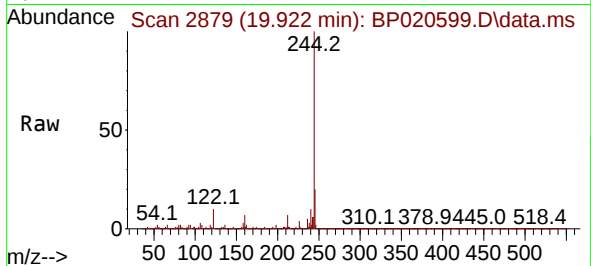




#79
 Terphenyl-d14
 Concen: 71.406 ng
 RT: 19.922 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP020599.D
 Acq: 12 Jun 2024 12:53

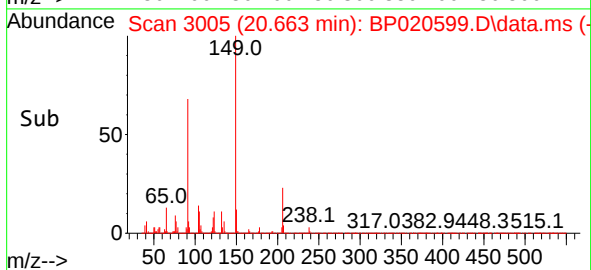
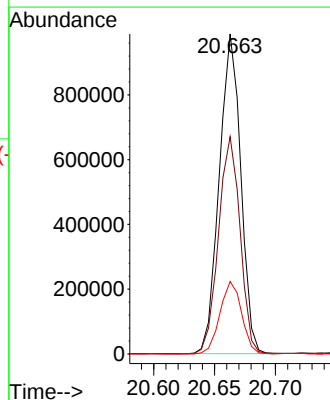
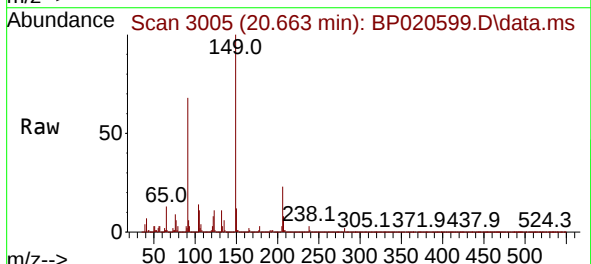
Instrument :
 BNA_P
 ClientSampleId :
 PB161426BS

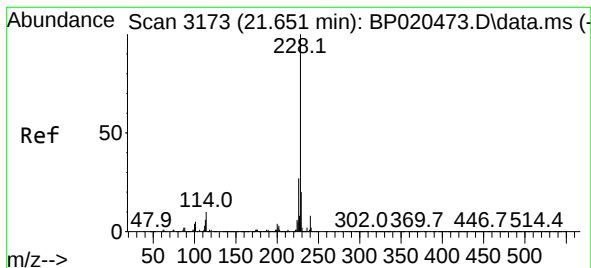
Tgt Ion:244 Resp: 4470324
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 38.965 ng
 RT: 20.663 min Scan# 3005
 Delta R.T. -0.017 min
 Lab File: BP020599.D
 Acq: 12 Jun 2024 12:53

Tgt Ion:149 Resp: 1214895
 Ion Ratio Lower Upper
 149 100
 91 67.9 60.0 90.0
 206 22.7 16.6 25.0





#81

Benzo(a)anthracene

Concen: 41.637 ng

RT: 21.621 min Scan# 3116

Delta R.T. -0.029 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

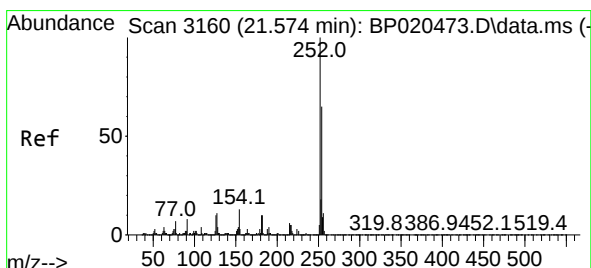
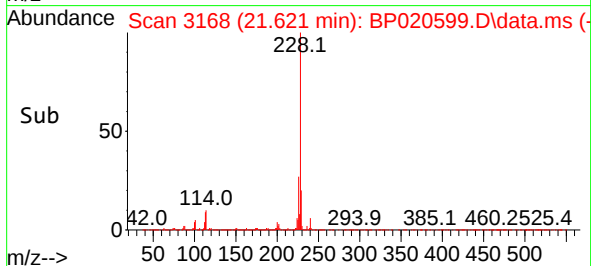
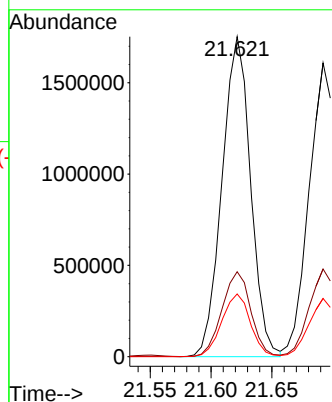
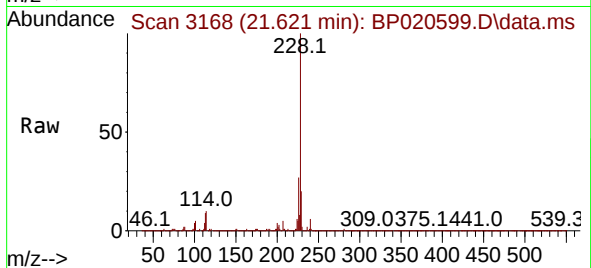
Tgt Ion:228 Resp: 2857225

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 39.625 ng

RT: 21.551 min Scan# 3156

Delta R.T. -0.023 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

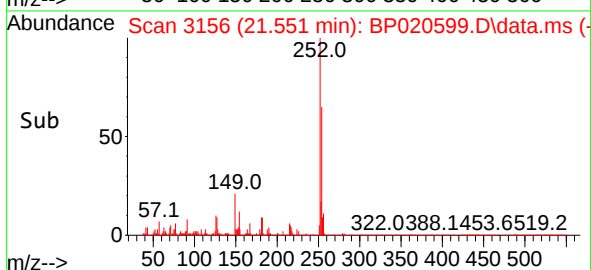
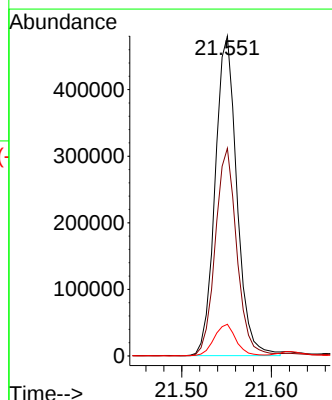
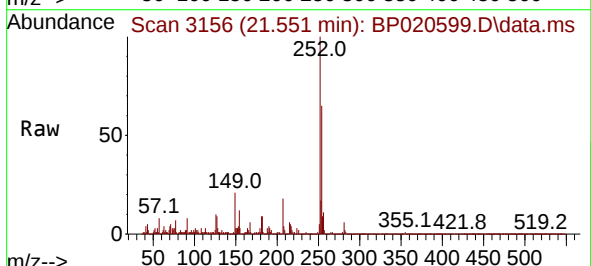
Tgt Ion:252 Resp: 808319

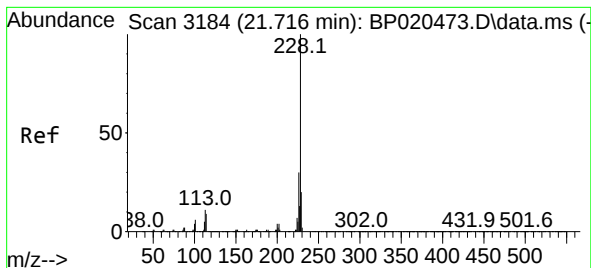
Ion Ratio Lower Upper

252 100

254 64.9 51.7 77.5

126 9.9 8.3 12.5





#83

Chrysene

Concen: 41.652 ng

RT: 21.692 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

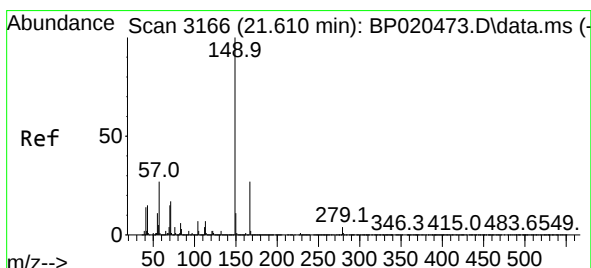
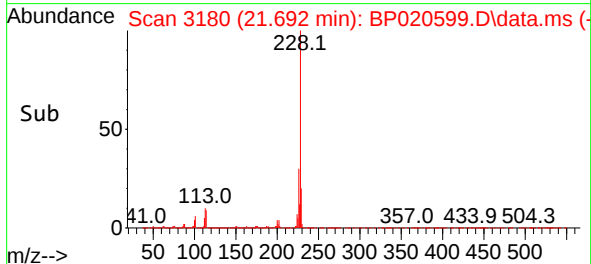
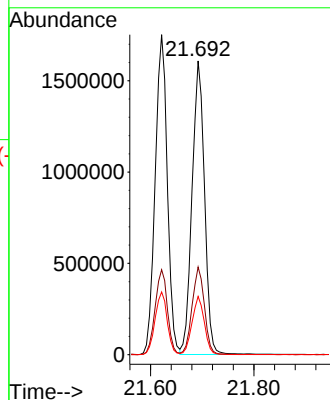
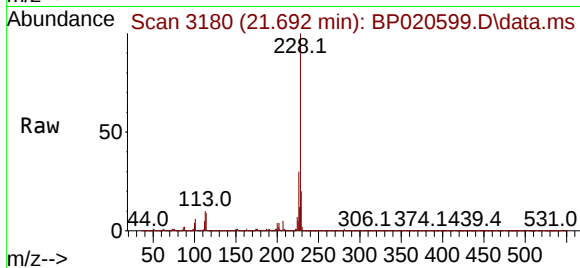
Tgt Ion:228 Resp: 2693296

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.225 ng

RT: 21.569 min Scan# 3159

Delta R.T. -0.041 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

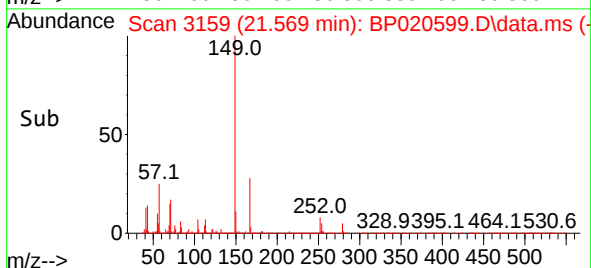
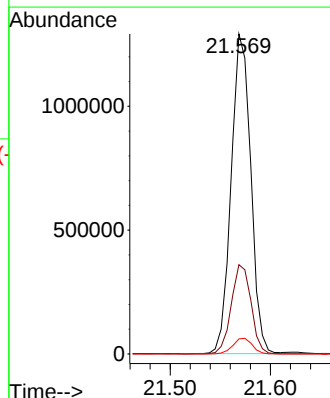
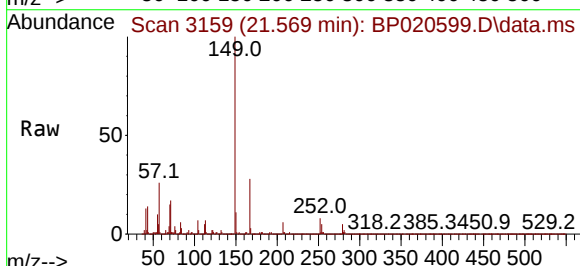
Tgt Ion:149 Resp: 1750001

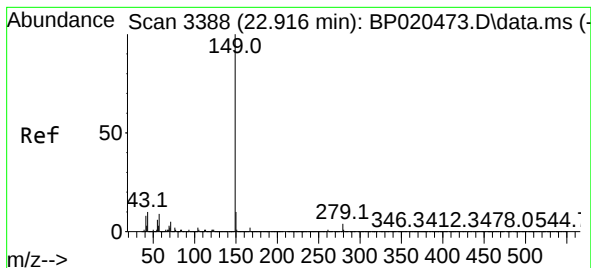
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 4.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 47.452 ng

RT: 22.857 min Scan# 31

Delta R.T. -0.059 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

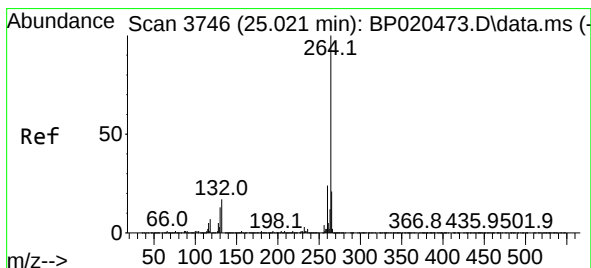
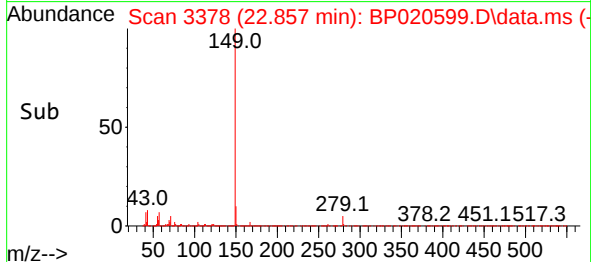
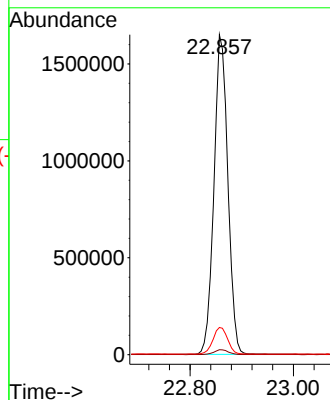
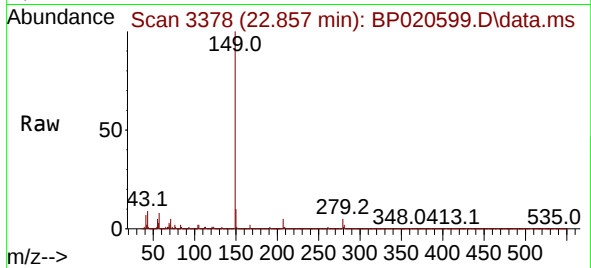
Tgt Ion:149 Resp: 3077062

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.992 min Scan# 3741

Delta R.T. -0.029 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

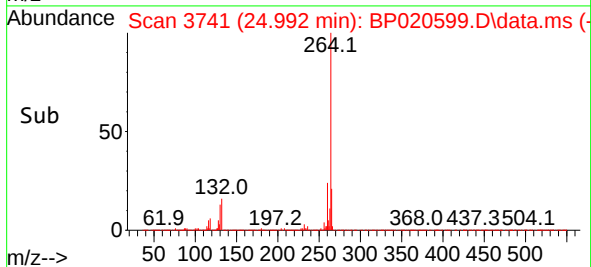
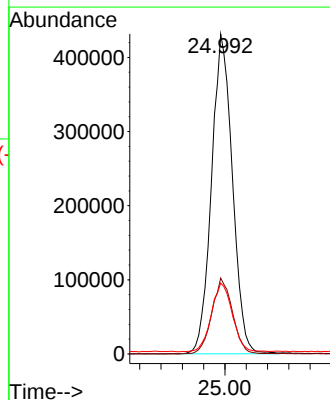
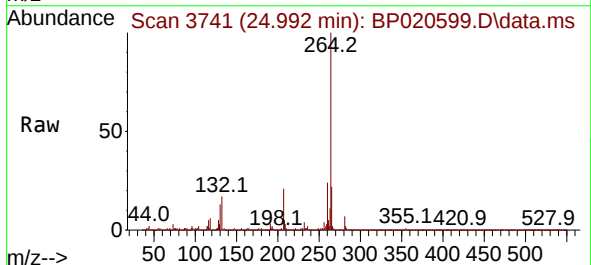
Tgt Ion:264 Resp: 1174013

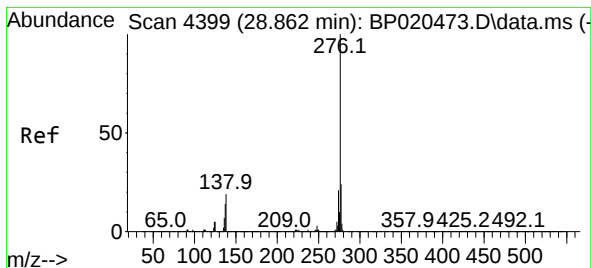
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.147 ng

RT: 28.798 min Scan# 41

Delta R.T. -0.065 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

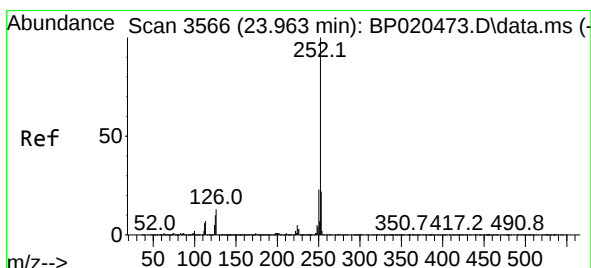
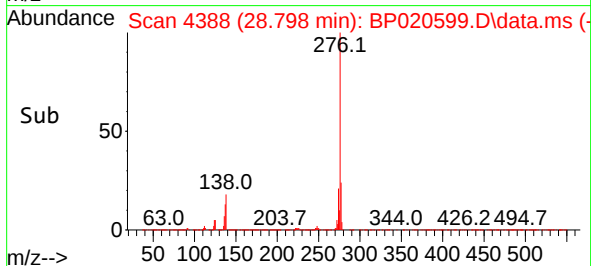
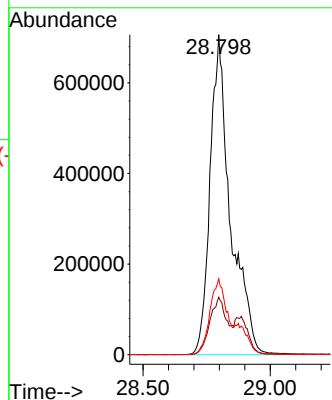
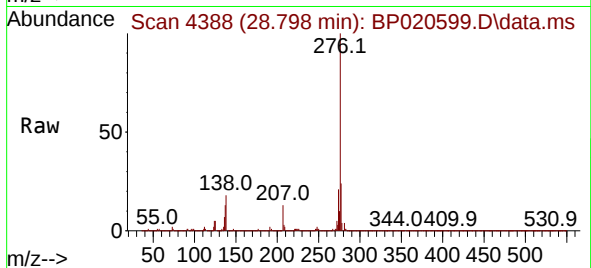
Tgt Ion:276 Resp: 3936975

Ion Ratio Lower Upper

276 100

138 14.5 12.8 19.2

277 19.7 15.6 23.4



#88

Benzo(b)fluoranthene

Concen: 41.547 ng

RT: 23.939 min Scan# 3562

Delta R.T. -0.024 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

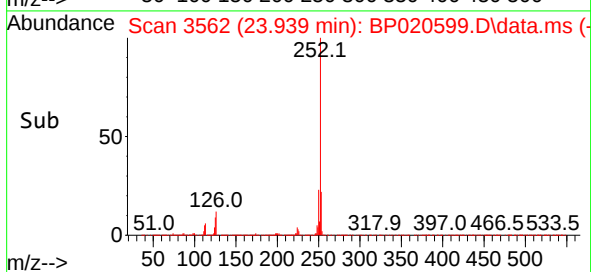
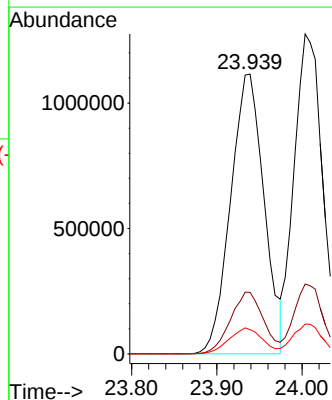
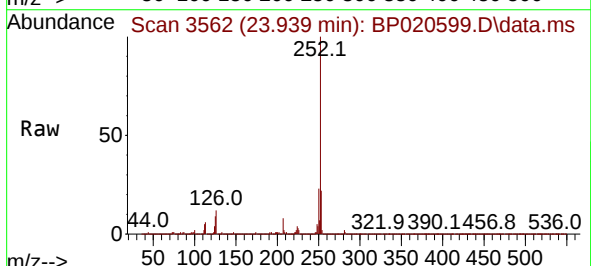
Tgt Ion:252 Resp: 3038687

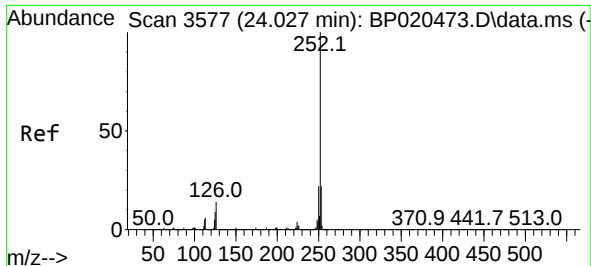
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.7 8.0 12.0

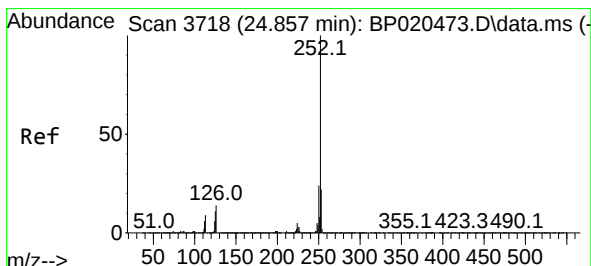
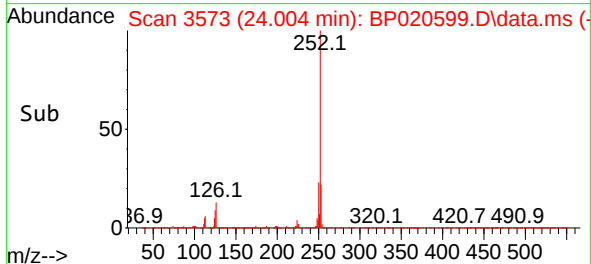
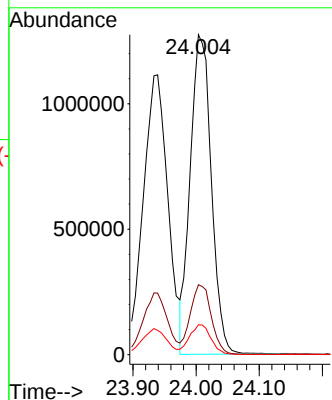
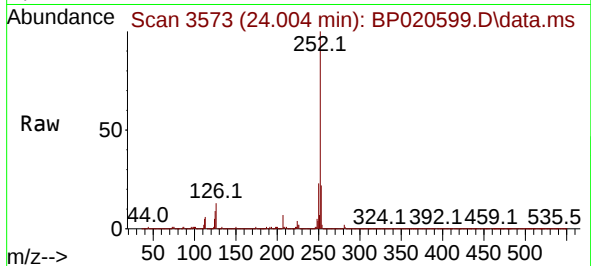




#89
Benzo(k)fluoranthene
Concen: 41.466 ng
RT: 24.004 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

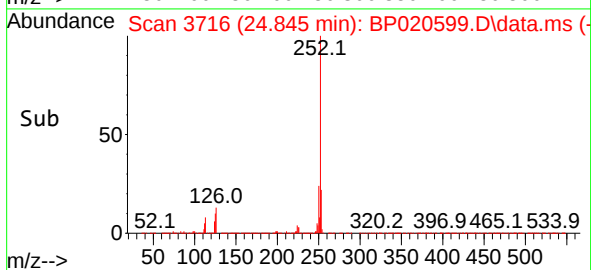
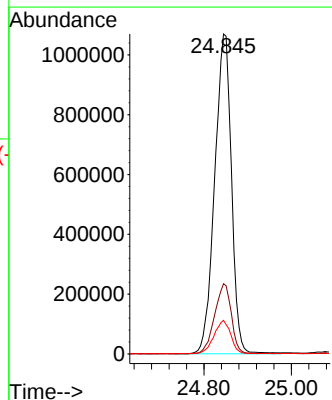
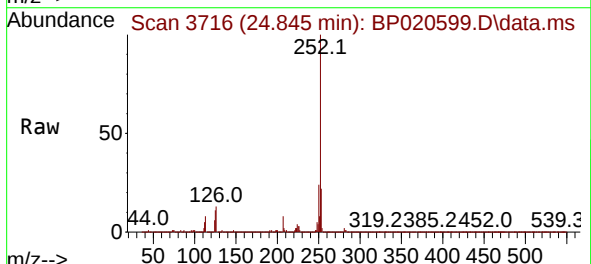
Instrument :
BNA_P
ClientSampleId :
PB161426BS

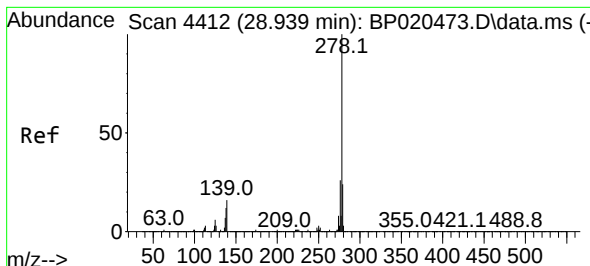
Tgt Ion:252 Resp: 2957921
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.3 7.8 11.6



#90
Benzo(a)pyrene
Concen: 46.805 ng
RT: 24.845 min Scan# 3716
Delta R.T. -0.012 min
Lab File: BP020599.D
Acq: 12 Jun 2024 12:53

Tgt Ion:252 Resp: 2835084
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.5 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 54.919 ng

RT: 28.892 min Scan# 4412

Delta R.T. -0.047 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Instrument :

BNA_P

ClientSampleId :

PB161426BS

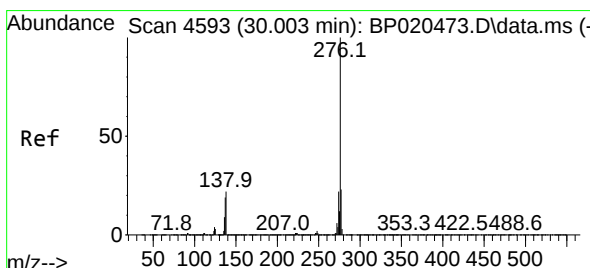
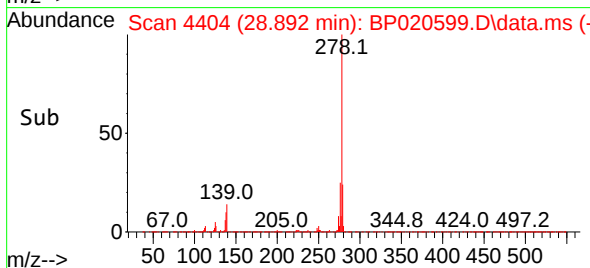
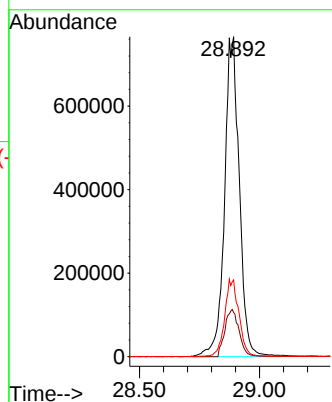
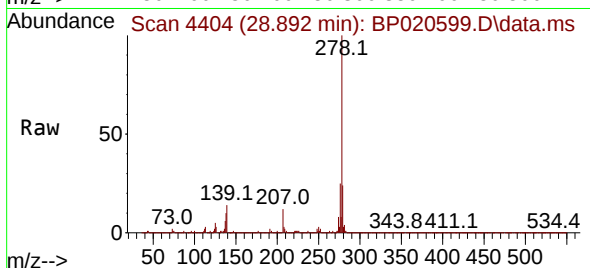
Tgt Ion:278 Resp: 3270255

Ion Ratio Lower Upper

278 100

139 13.8 13.0 19.4

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 53.231 ng

RT: 29.986 min Scan# 4590

Delta R.T. -0.018 min

Lab File: BP020599.D

Acq: 12 Jun 2024 12:53

Tgt Ion:276 Resp: 3168274

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 19.4 17.7 26.5

