

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
 Data File : BP020606.D
 Acq On : 12 Jun 2024 18:57
 Operator : MA/JU
 Sample : P2812-01MSD 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-061024MSD

Quant Time: Jun 13 06:14:24 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	7.752	152	253231	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	995696	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	639615	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1326284	20.000	ng	-0.02
76) Chrysene-d12	21.651	240	1179091	20.000	ng	-0.02
86) Perylene-d12	25.009	264	1420844	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	766669	54.207	ng	0.00
7) Phenol-d6	6.934	99	985250	49.396	ng	0.00
23) Nitrobenzene-d5	8.904	82	624982	34.359	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	450496	67.867	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	1498613	34.928	ng	-0.02
79) Terphenyl-d14	19.921	244	2311107	32.630	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	99051	17.332	ng	94
3) Pyridine	3.716	79	256928	15.990	ng	94
4) n-Nitrosodimethylamine	3.622	42	137894	17.669	ng	93
6) Aniline	7.093	93	186911	9.248	ng	99
8) 2-Chlorophenol	7.322	128	360992	22.769	ng	99
9) Benzaldehyde	6.916	77	27196	2.126	ng	97
10) Phenol	6.963	94	440835	21.577	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	334879	19.875	ng	98
12) 1,3-Dichlorobenzene	7.646	146	394983	21.145	ng	96
13) 1,4-Dichlorobenzene	7.787	146	400667	21.103	ng	99
14) 1,2-Dichlorobenzene	8.099	146	389250	21.244	ng	97
15) Benzyl Alcohol	7.993	79	306640	20.813	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	466664	18.551	ng	97
17) 2-Methylphenol	8.193	107	299274	21.586	ng	98
18) Hexachloroethane	8.816	117	144490	20.842	ng	93
19) n-Nitroso-di-n-propyla...	8.552	70	259930	19.090	ng	95
20) 3+4-Methylphenols	8.516	107	394925	20.942	ng	99
22) Acetophenone	8.569	105	524690	21.229	ng	# 97
24) Nitrobenzene	8.946	77	384830	20.846	ng	99
25) Isophorone	9.469	82	711273	20.126	ng	99
26) 2-Nitrophenol	9.646	139	186848	27.357	ng	99
27) 2,4-Dimethylphenol	9.710	122	253618	23.754	ng	98
28) bis(2-Chloroethoxy)met...	9.934	93	443697	20.426	ng	100
29) 2,4-Dichlorophenol	10.175	162	337895	23.590	ng	99
30) 1,2,4-Trichlorobenzene	10.393	180	387709	22.800	ng	97
31) Naphthalene	10.569	128	1116906	21.943	ng	100
32) Benzoic acid	9.834	122	219349	25.388	ng	99
33) 4-Chloroaniline	10.687	127	205583	10.441	ng	99
34) Hexachlorobutadiene	10.845	225	242799	22.666	ng	99
35) Caprolactam	11.481	113	110678	21.085	ng	91
36) 4-Chloro-3-methylphenol	11.816	107	375175	22.371	ng	99
37) 2-Methylnaphthalene	12.187	142	788008	21.605	ng	99
38) 1-Methylnaphthalene	12.392	142	724800	20.046	ng	99
40) 1,2,4,5-Tetrachloroben...	12.551	216	443680	23.975	ng	99
41) Hexachlorocyclopentadiene	12.522	237	99203	15.253	ng	98
43) 2,4,6-Trichlorophenol	12.792	196	288011	25.746	ng	98

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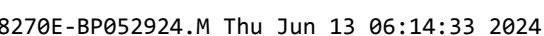
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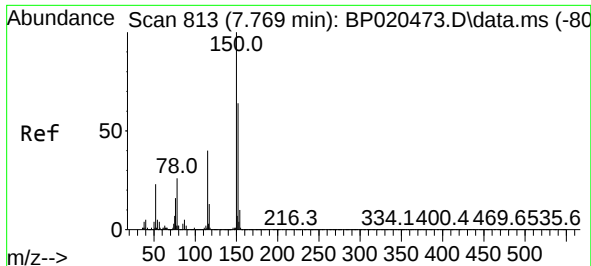
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	309814	24.006	ng	98
46) 1,1'-Biphenyl	13.198	154	1017376	22.538	ng	99
47) 2-Chloronaphthalene	13.245	162	798075	22.240	ng	98
48) 2-Nitroaniline	13.451	65	231221	23.779	ng	95
49) Acenaphthylene	14.092	152	1291856	24.262	ng	100
50) Dimethylphthalate	13.828	163	970876	21.534	ng	99
51) 2,6-Dinitrotoluene	13.951	165	213568	22.161	ng	94
52) Acenaphthene	14.439	154	739547	22.018	ng	99
53) 3-Nitroaniline	14.281	138	158036	16.349	ng	94
54) 2,4-Dinitrophenol	14.498	184	66904	23.311	ng	93
55) Dibenzofuran	14.781	168	1225469	23.032	ng	98
56) 4-Nitrophenol	14.604	139	364396	48.732	ng	93
57) 2,4-Dinitrotoluene	14.757	165	302653	23.897	ng	92
58) Fluorene	15.439	166	977240	22.879	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	276013	26.134	ng	97
60) Diethylphthalate	15.222	149	991511	21.634	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	489900	22.226	ng	99
62) 4-Nitroaniline	15.463	138	209386	21.028	ng	97
63) Azobenzene	15.733	77	900087	21.032	ng	97
65) 4,6-Dinitro-2-methylph...	15.528	198	59690	16.186	ng	97
66) n-Nitrosodiphenylamine	15.663	169	843317	23.127	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	322451	23.764	ng	99
68) Hexachlorobenzene	16.463	284	358433	22.445	ng	99
69) Atrazine	16.651	200	315072	24.560	ng	100
70) Pentachlorophenol	16.816	266	450034	46.401	ng	99
71) Phenanthrene	17.222	178	1672293	25.650	ng	99
72) Anthracene	17.322	178	1597315	24.968	ng	100
73) Carbazole	17.604	167	1429330	23.098	ng	99
74) Di-n-butylphthalate	18.198	149	1720921	22.964	ng	99
75) Fluoranthene	19.322	202	2084549	27.026	ng	99
77) Benzidine	19.522	184	521646	16.867	ng	99
78) Pyrene	19.698	202	2155145	24.300	ng	99
80) Butylbenzylphthalate	20.657	149	760564	22.647	ng	92
81) Benzo(a)anthracene	21.633	228	1942605	25.022	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	557981	24.177	ng	98
83) Chrysene	21.698	228	1846885	25.246	ng	99
84) Bis(2-ethylhexyl)phtha...	21.568	149	1103233	21.857	ng	97
85) Di-n-octyl phthalate	22.863	149	1948654	26.562	ng	97
87) Indeno(1,2,3-cd)pyrene	28.839	276	2264148	26.205	ng	99
88) Benzo(b)fluoranthene	23.945	252	1960593	22.150	ng	98
89) Benzo(k)fluoranthene	24.021	252	1900224	22.011	ng	99
90) Benzo(a)pyrene	24.851	252	1815550	24.766	ng	99
91) Dibenzo(a,h)anthracene	28.927	278	1775720	24.640	ng	98
92) Benzo(g,h,i)perylene	30.009	276	1773642	24.623	ng	96

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

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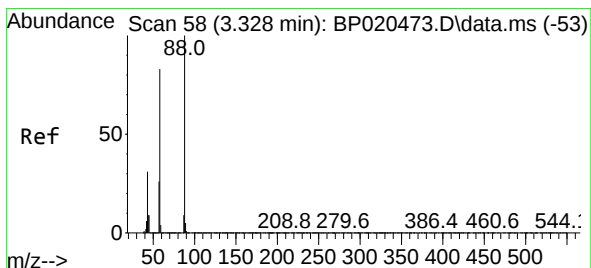
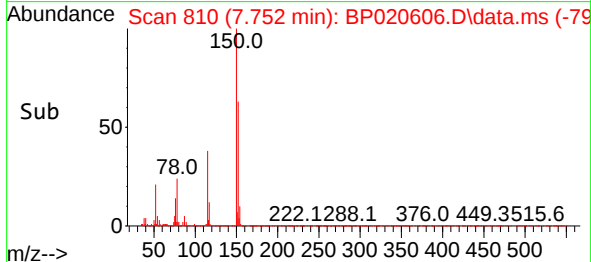
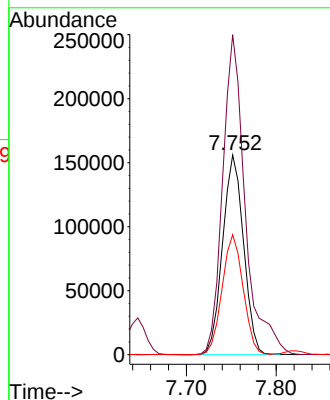
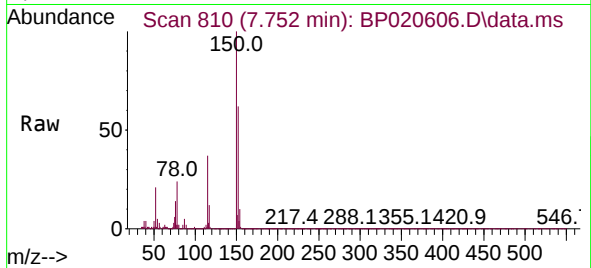




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.752 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BP020606.D
 Acq: 12 Jun 2024 18:57

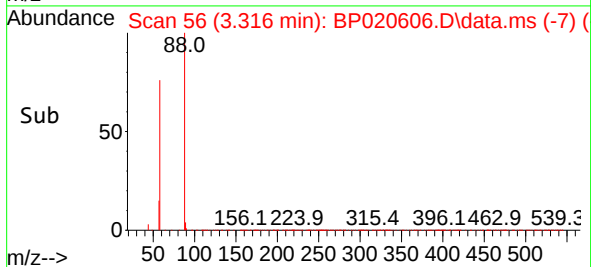
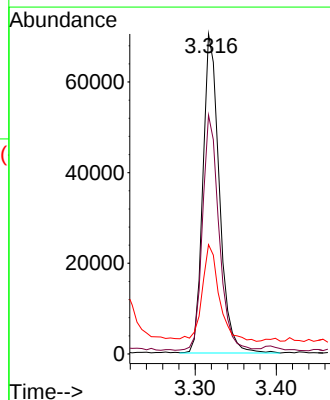
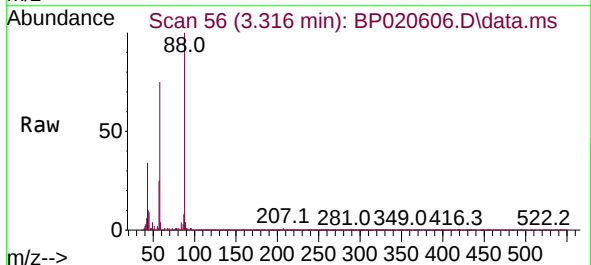
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 TR-05-061024MSD

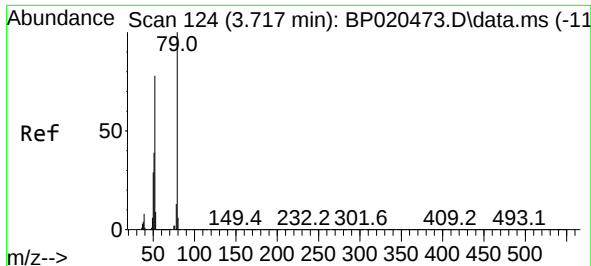
Tgt Ion:152 Resp: 253231
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.2 186.2
 115 60.1 49.5 74.3



#2
 1,4-Dioxane
 Concen: 17.332 ng
 RT: 3.316 min Scan# 56
 Delta R.T. -0.012 min
 Lab File: BP020606.D
 Acq: 12 Jun 2024 18:57

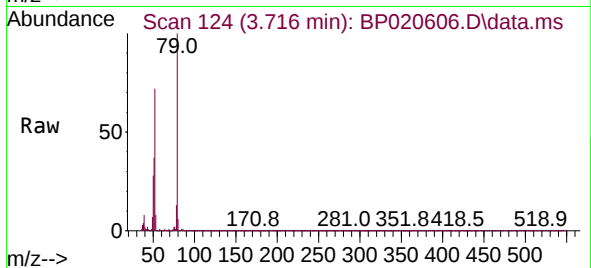
Tgt Ion: 88 Resp: 99051
 Ion Ratio Lower Upper
 88 100
 58 74.1 64.6 97.0
 43 31.3 24.5 36.7



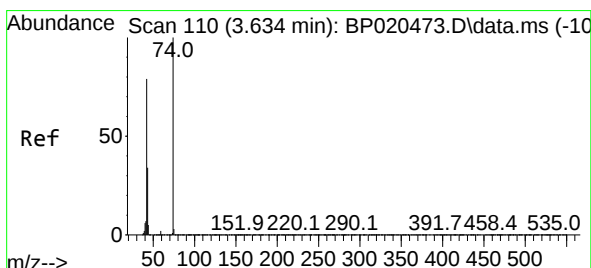
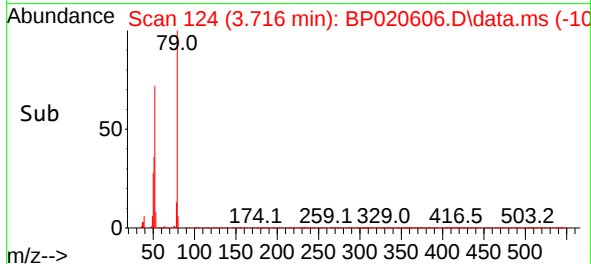
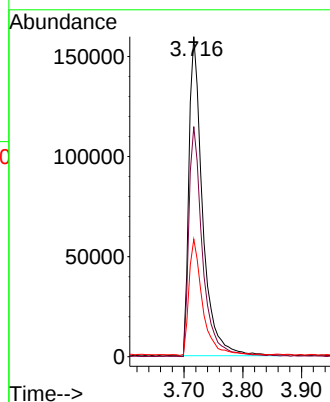


#3
Pyridine
Concen: 15.990 ng
RT: 3.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

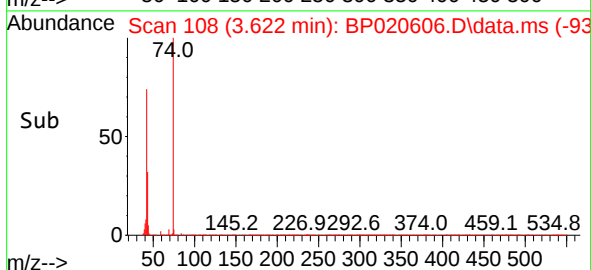
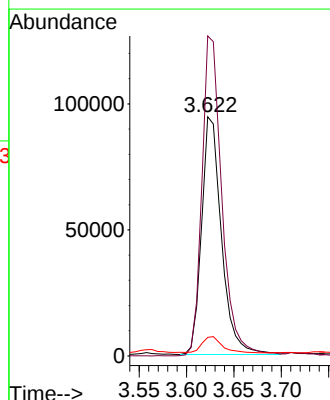
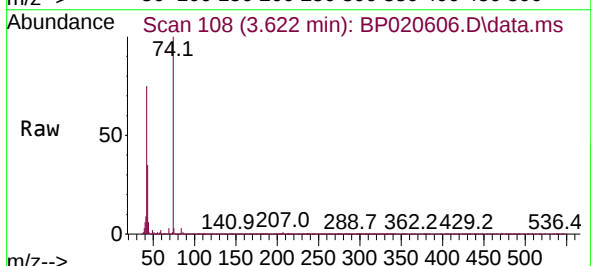


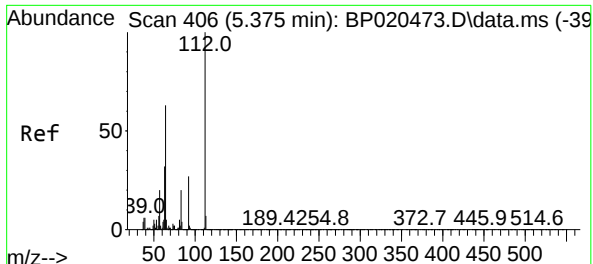
Tgt Ion: 79 Resp: 256928
Ion Ratio Lower Upper
79 100
52 71.9 62.6 94.0
51 36.7 31.0 46.4



#4
n-Nitrosodimethylamine
Concen: 17.669 ng
RT: 3.622 min Scan# 108
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion: 42 Resp: 137894
Ion Ratio Lower Upper
42 100
74 133.8 100.6 151.0
44 7.7 5.8 8.8

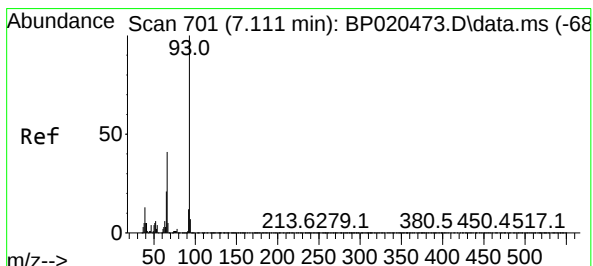
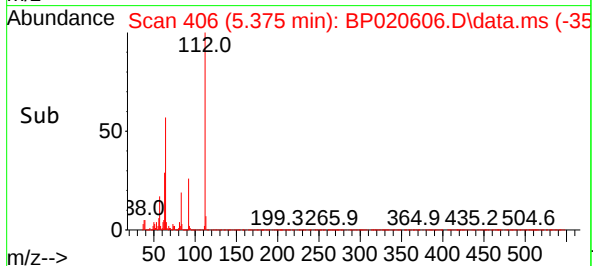
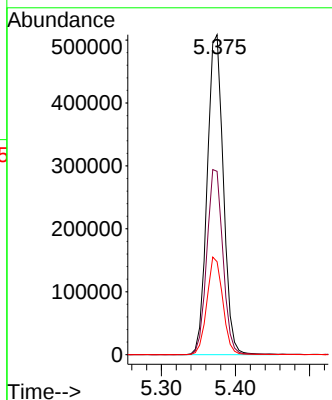
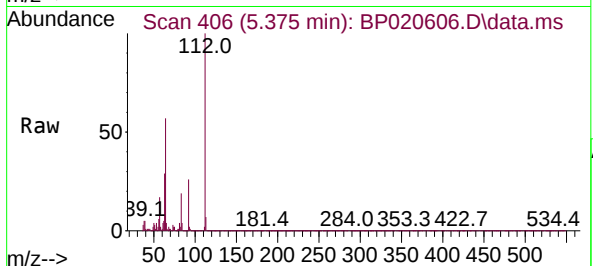




#5
2-Fluorophenol
Concen: 54.207 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

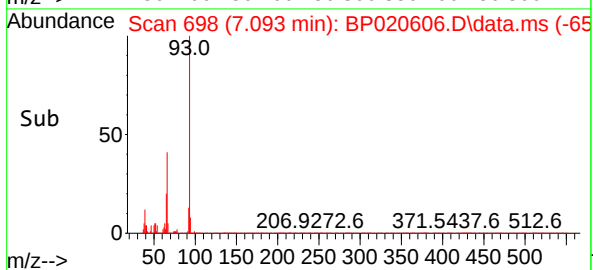
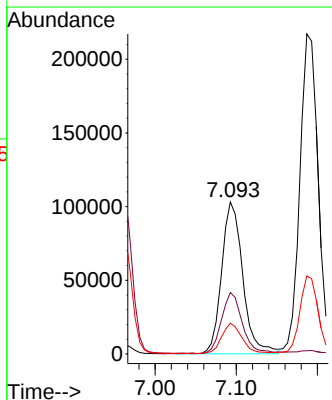
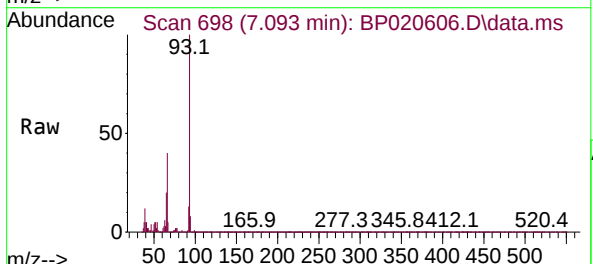
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ClientSampleId :
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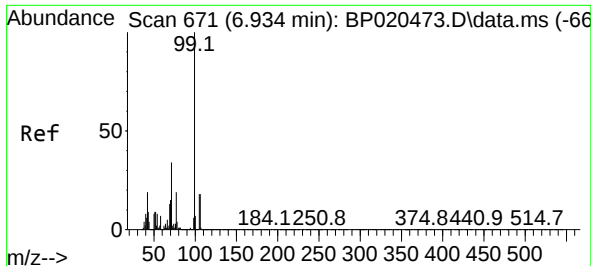
Tgt Ion:112 Resp: 766669
Ion Ratio Lower Upper
112 100
64 57.3 50.1 75.1
63 29.1 25.7 38.5



#6
Aniline
Concen: 9.248 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion: 93 Resp: 186911
Ion Ratio Lower Upper
93 100
66 40.5 32.8 49.2
65 20.2 16.9 25.3

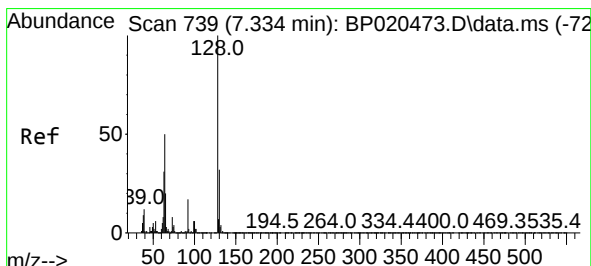
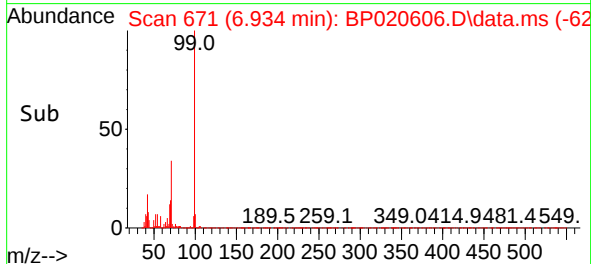
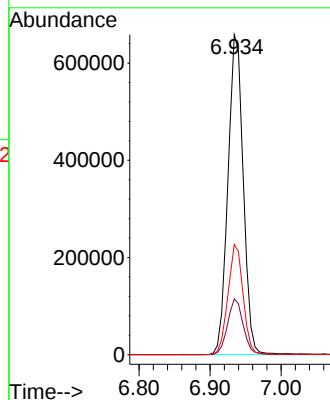
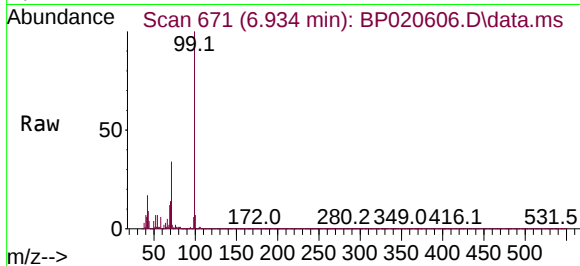




#7
Phenol-d6
Concen: 49.396 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

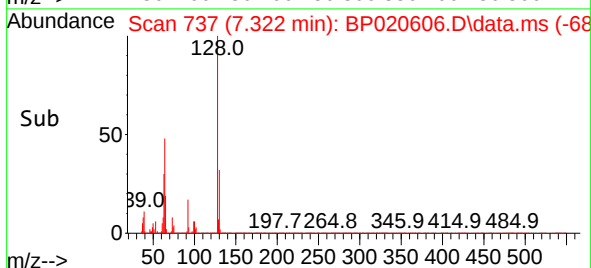
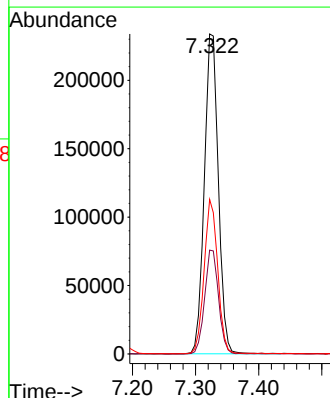
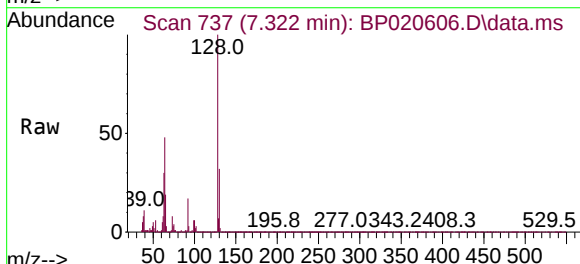
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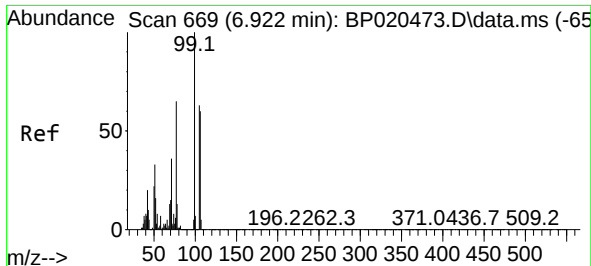
Tgt Ion: 99 Resp: 985250
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.4
71 34.4 27.3 40.9



#8
2-Chlorophenol
Concen: 22.769 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion: 128 Resp: 360992
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 48.3 29.6 69.6

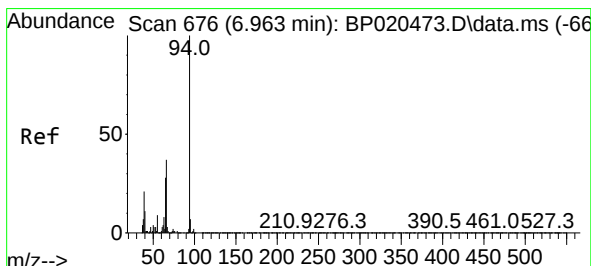
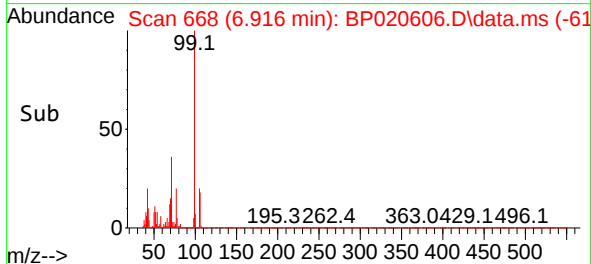
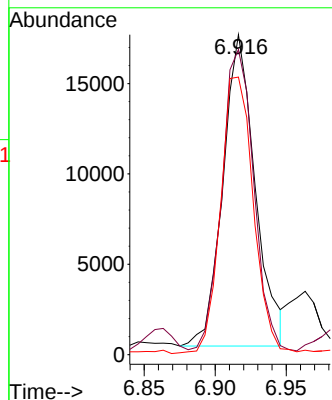
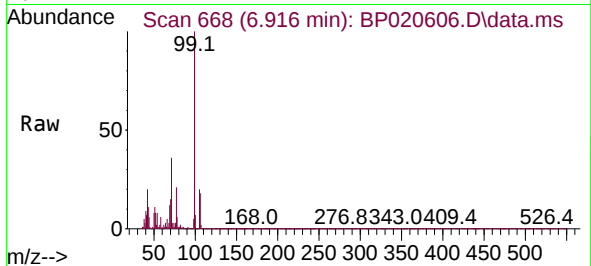




#9
Benzaldehyde
Concen: 2.126 ng
RT: 6.916 min Scan# 609
Delta R.T. -0.006 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

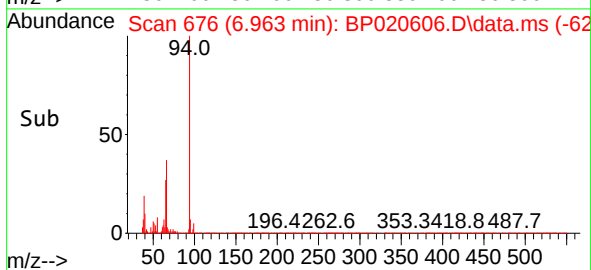
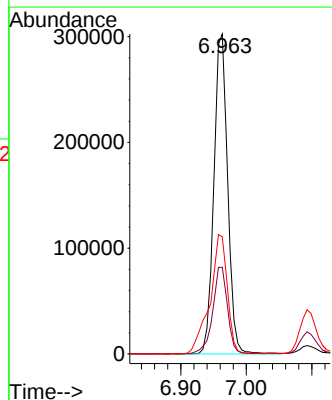
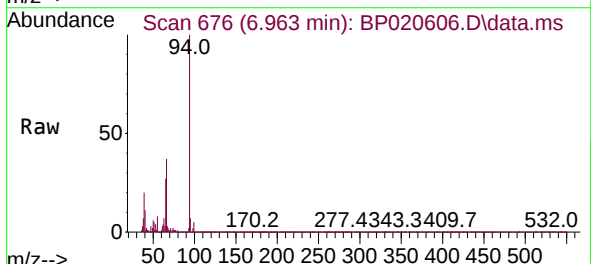
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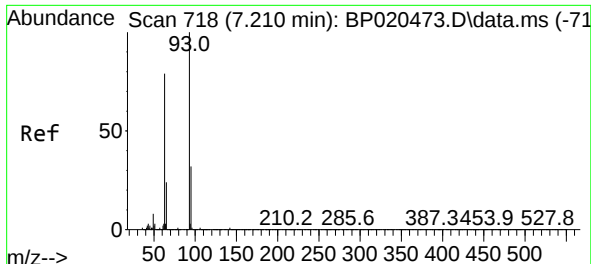
Tgt Ion: 77 Resp: 27196
Ion Ratio Lower Upper
77 100
105 95.3 76.8 116.8
106 86.7 72.0 112.0



#10
Phenol
Concen: 21.577 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion: 94 Resp: 440835
Ion Ratio Lower Upper
94 100
65 27.1 8.2 48.2
66 36.6 17.2 57.2

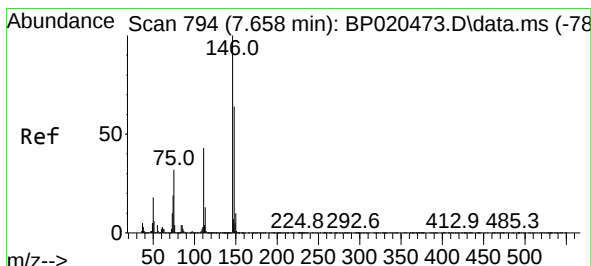
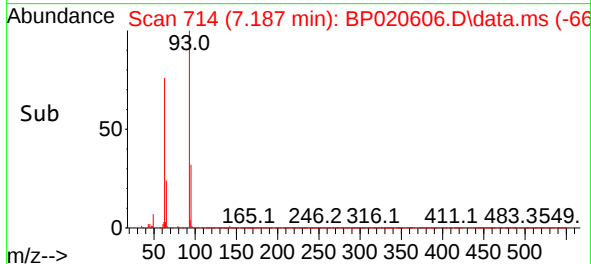
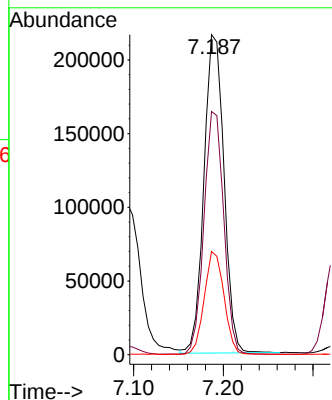
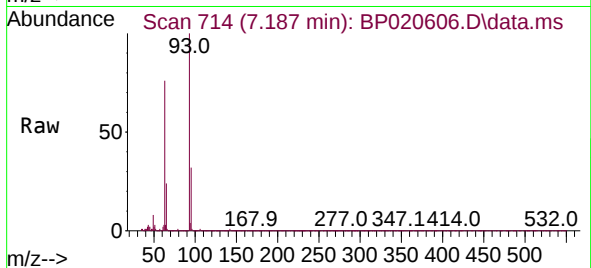




#11
bis(2-Chloroethyl)ether
Concen: 19.875 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

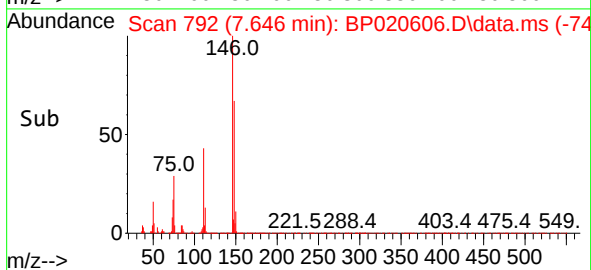
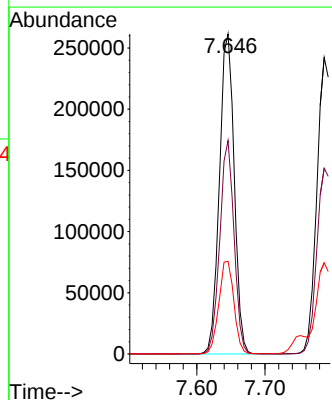
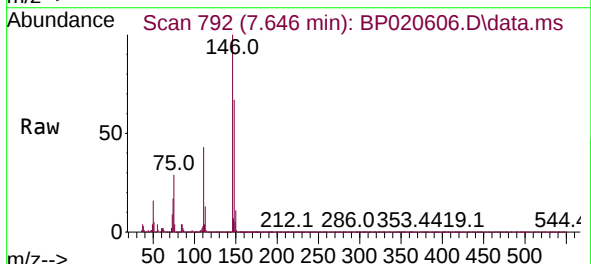
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

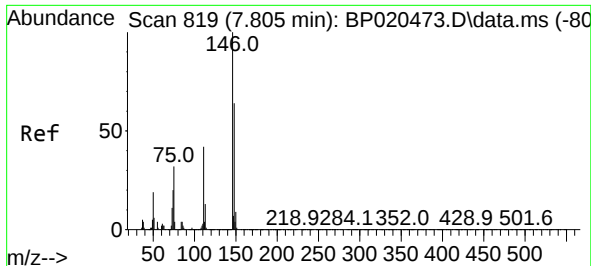
Tgt Ion: 93 Resp: 334879
Ion Ratio Lower Upper
93 100
63 76.0 58.3 98.3
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 21.145 ng
RT: 7.646 min Scan# 792
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:146 Resp: 394983
Ion Ratio Lower Upper
146 100
148 66.7 51.2 76.8
75 29.0 25.3 37.9

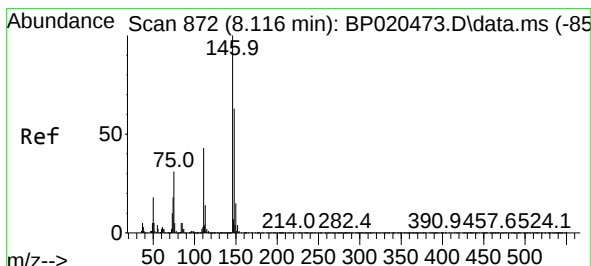
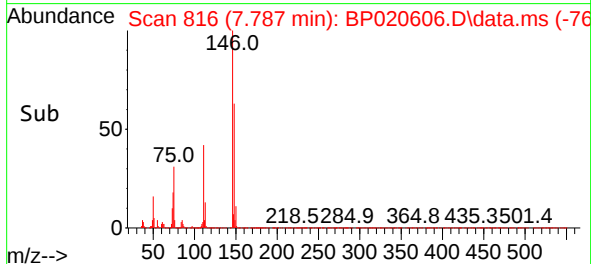
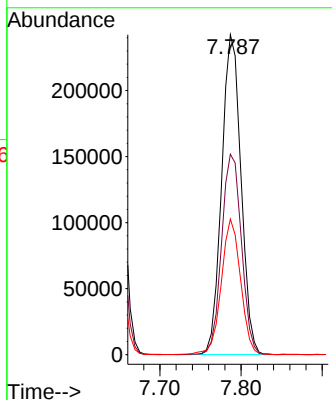
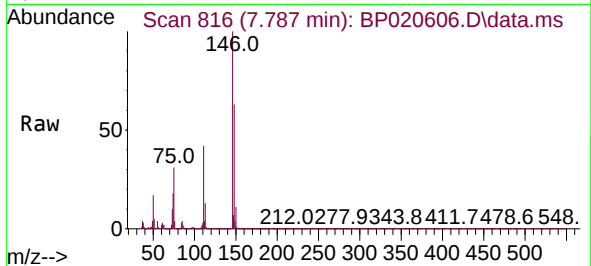




#13
1,4-Dichlorobenzene
Concen: 21.103 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

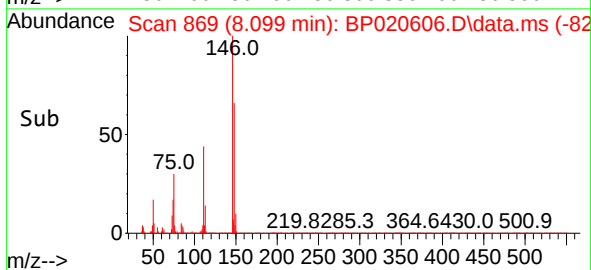
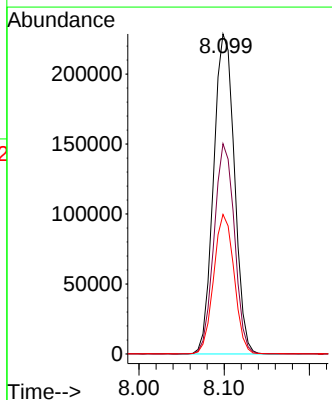
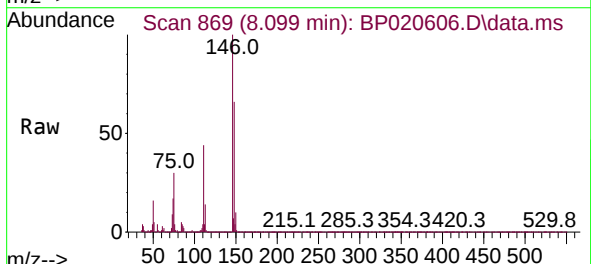
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

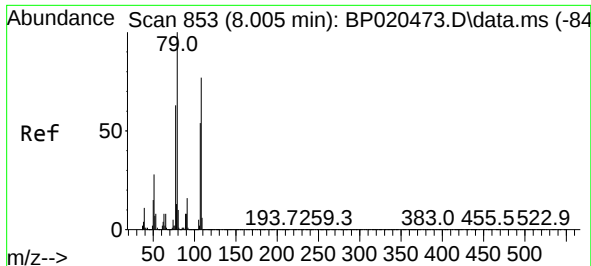
Tgt Ion:146 Resp: 400667
Ion Ratio Lower Upper
146 100
148 62.7 50.8 76.2
111 42.4 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 21.244 ng
RT: 8.099 min Scan# 869
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:146 Resp: 389250
Ion Ratio Lower Upper
146 100
148 65.7 50.1 75.1
111 43.6 34.4 51.6

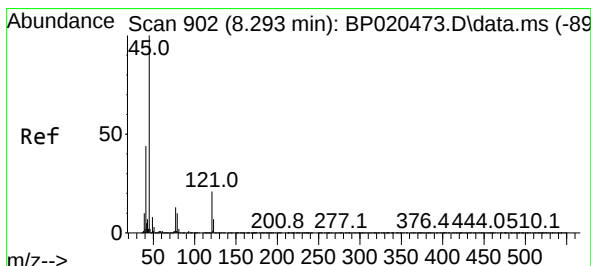
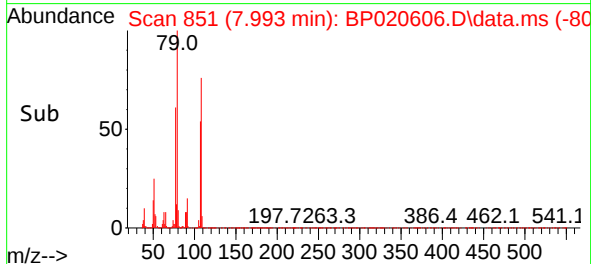
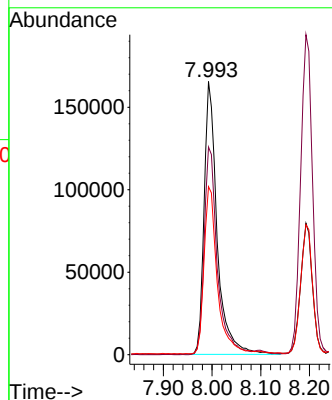
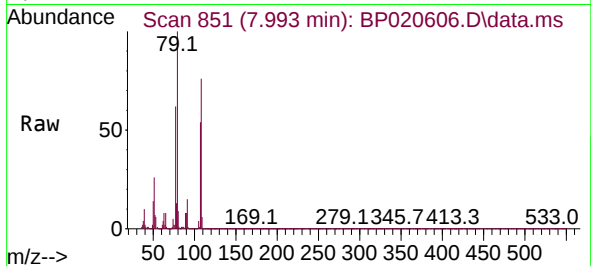




#15
Benzyl Alcohol
Concen: 20.813 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

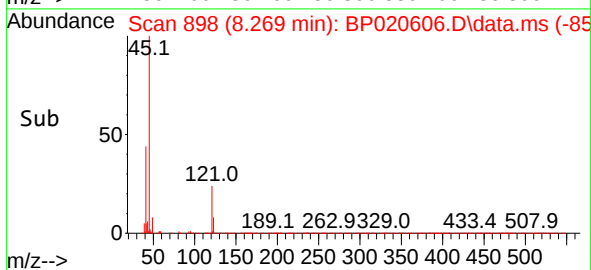
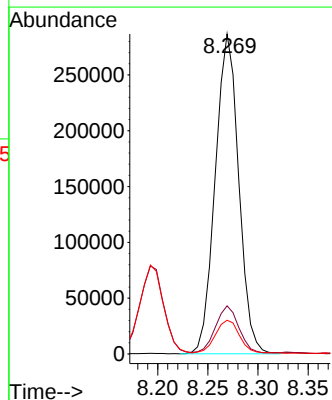
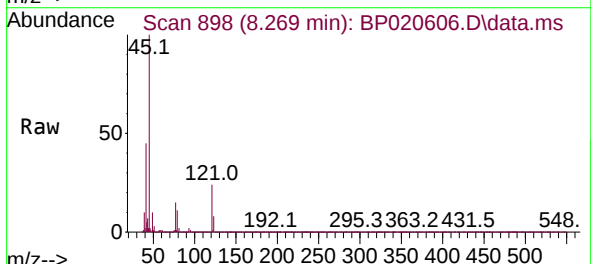
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

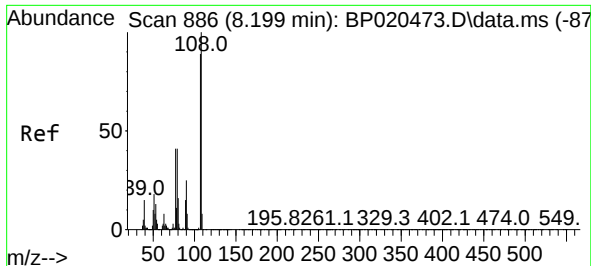
Tgt Ion: 79 Resp: 306640
Ion Ratio Lower Upper
79 100
108 76.1 61.4 92.2
77 61.5 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.551 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion: 45 Resp: 466664
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.6
79 10.6 0.0 29.9

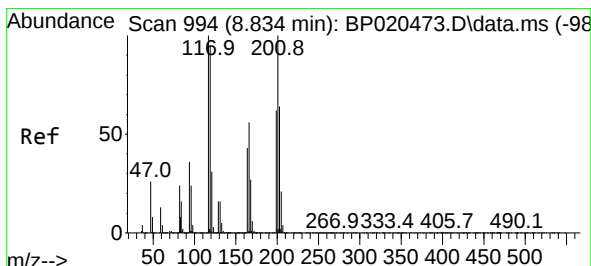
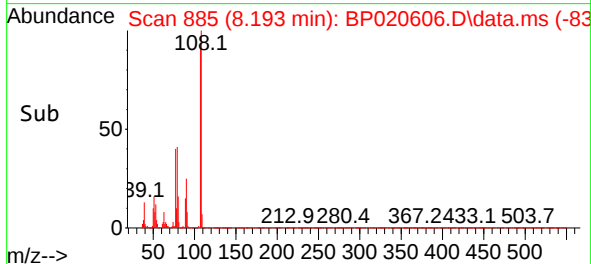
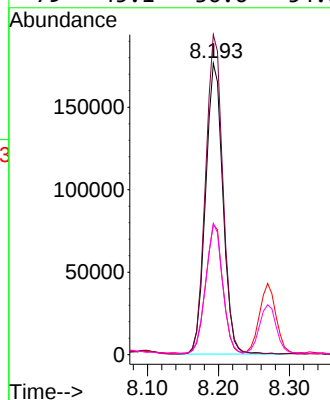
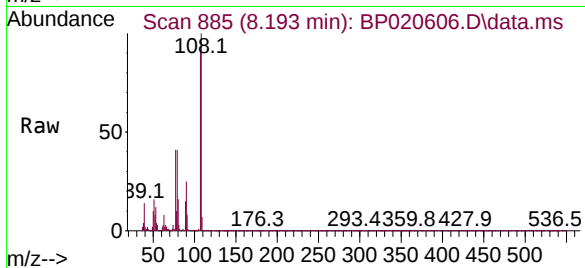




#17
2-Methylphenol
Concen: 21.586 ng
RT: 8.193 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

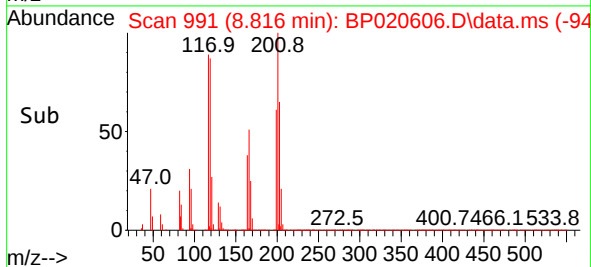
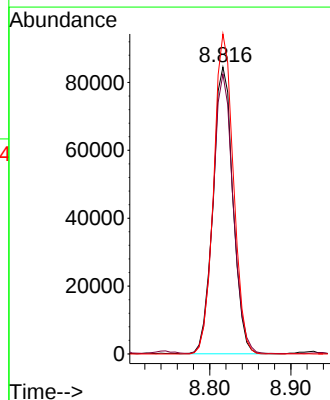
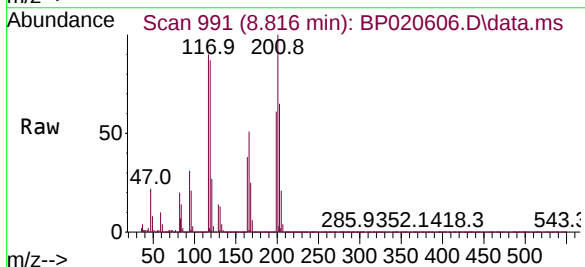
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

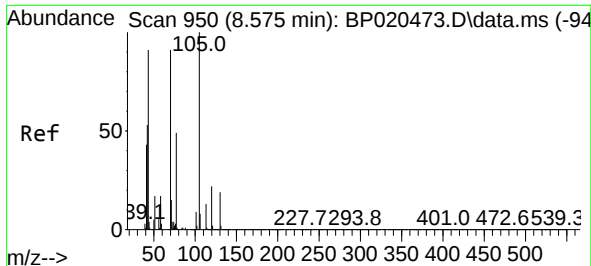
Tgt Ion:	107	Resp:	299274
Ion	Ratio	Lower	Upper
107	100		
108	109.8	89.4	134.2
77	44.7	36.6	55.0
79	45.1	36.6	54.8



#18
Hexachloroethane
Concen: 20.842 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:	117	Resp:	144490
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.3	114.5
201	111.6	79.9	119.9



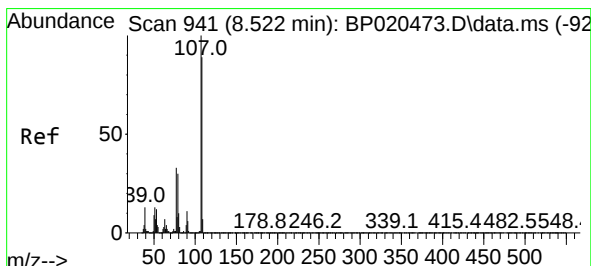
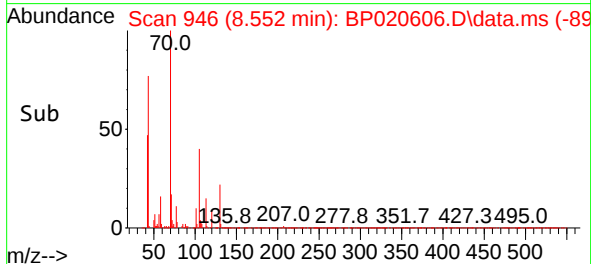
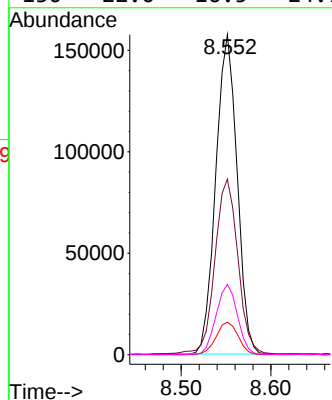
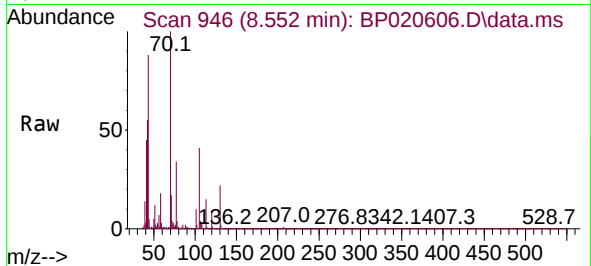


#19
n-Nitroso-di-n-propylamine
Concen: 19.090 ng
RT: 8.552 min Scan# 94
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

Tgt Ion: 70 Resp: 259930

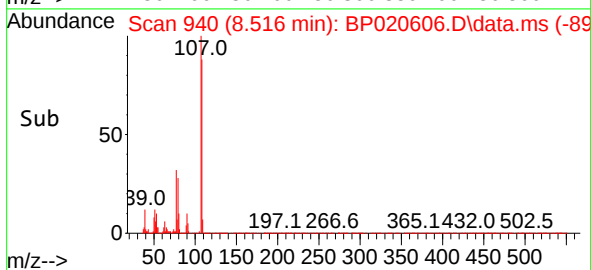
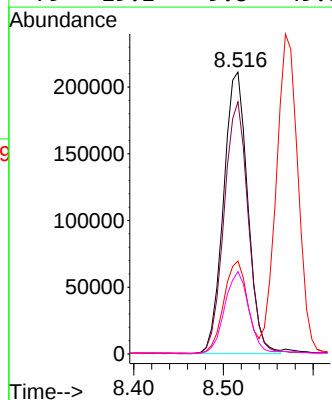
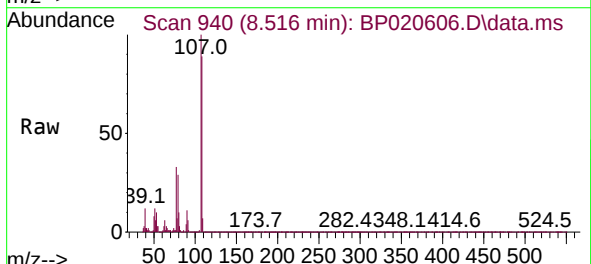
Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.4	71.0
101	10.2	7.8	11.8
130	22.0	16.5	24.7

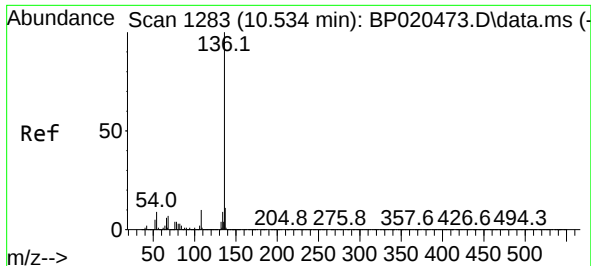


#20
3+4-Methylphenols
Concen: 20.942 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion: 107 Resp: 394925

Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.2	109.2
77	33.0	13.5	53.5
79	29.2	9.8	49.8

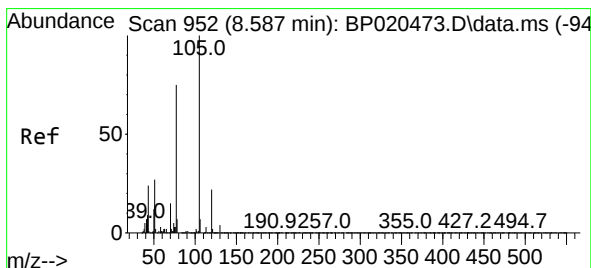
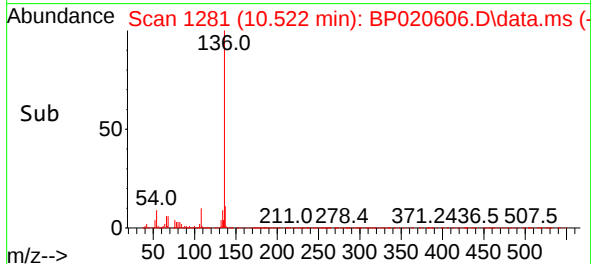
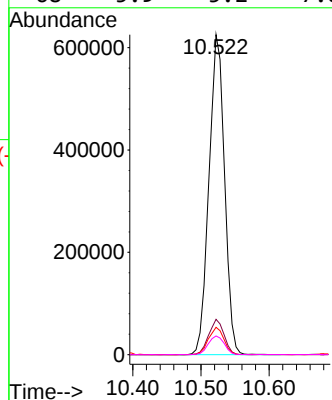
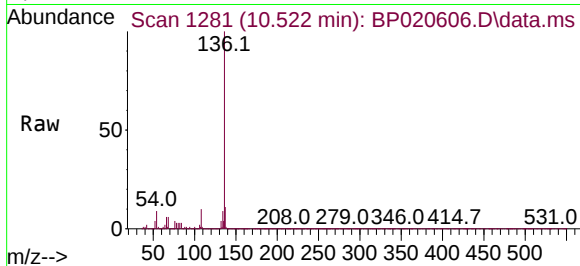




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

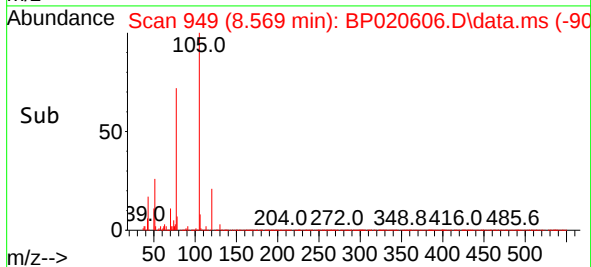
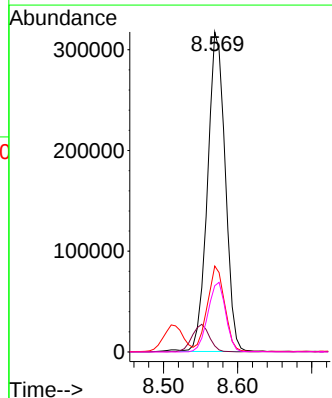
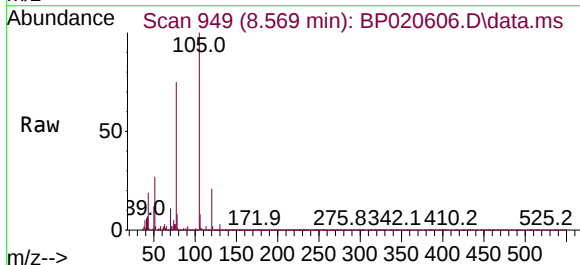
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

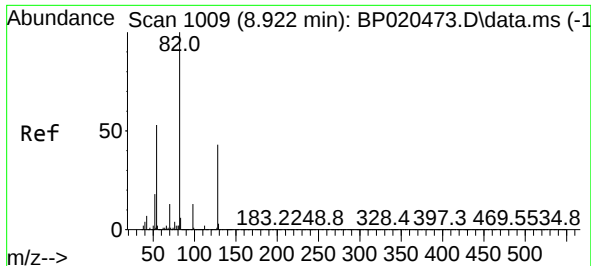
Tgt Ion:	136	Resp:	995696
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	8.5	7.4	11.0
68	5.9	5.2	7.8



#22
Acetophenone
Concen: 21.229 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:	105	Resp:	524690
Ion Ratio	Lower	Upper	
105	100		
71	1.9	2.3	3.5
51	26.8	22.6	33.8
120	20.7	17.7	26.5





#23

Nitrobenzene-d5

Concen: 34.359 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.018 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

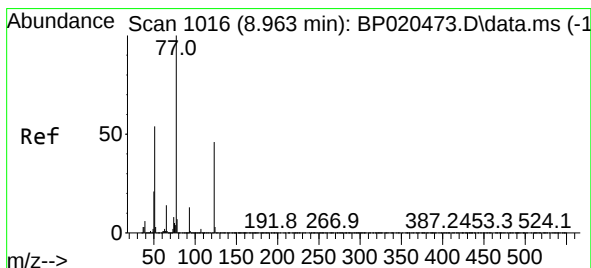
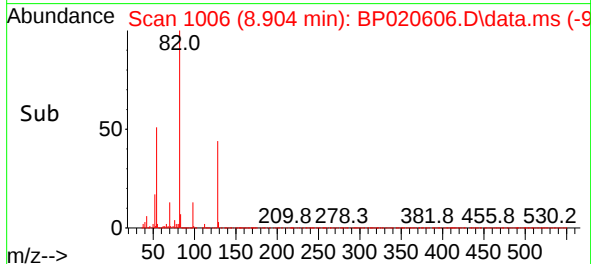
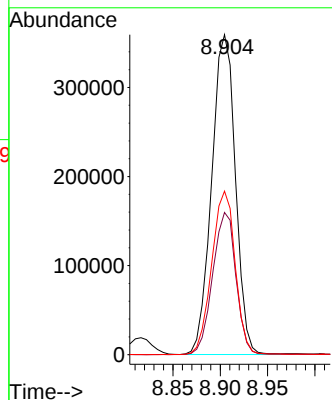
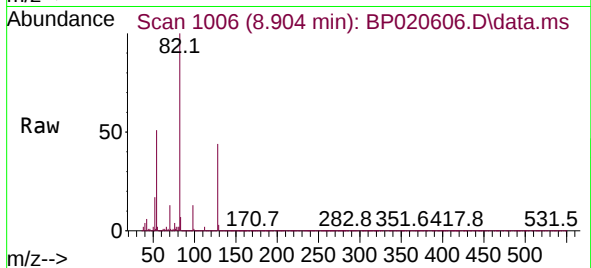
Tgt Ion: 82 Resp: 624982

Ion Ratio Lower Upper

82 100

128 44.5 34.2 51.4

54 51.1 42.7 64.1



#24

Nitrobenzene

Concen: 20.846 ng

RT: 8.946 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

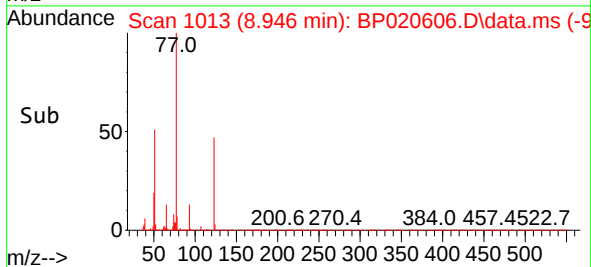
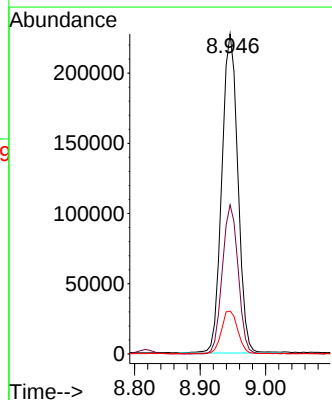
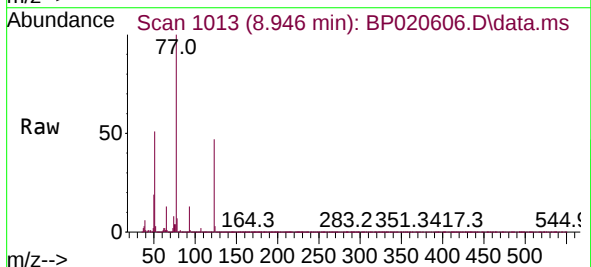
Tgt Ion: 77 Resp: 384830

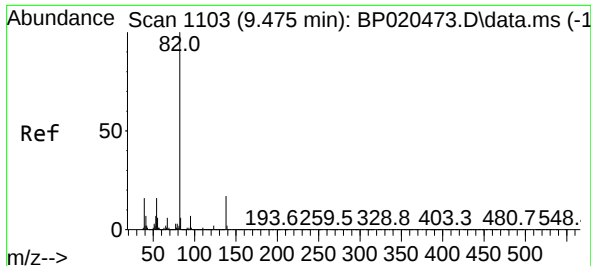
Ion Ratio Lower Upper

77 100

123 46.6 36.6 54.8

65 13.4 11.1 16.7

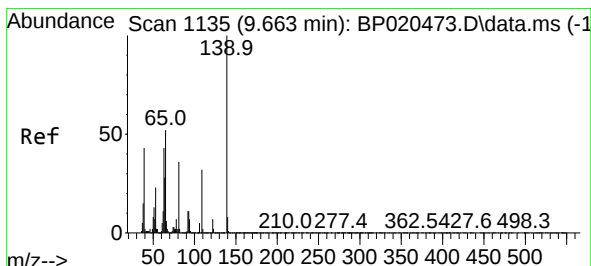
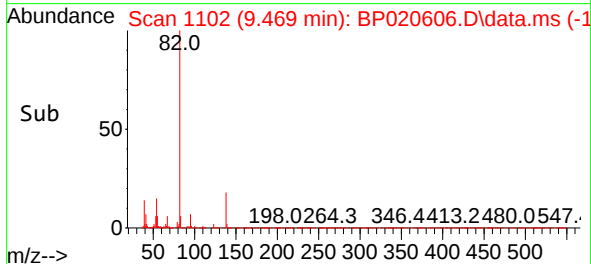
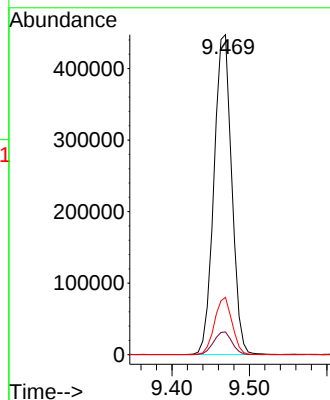
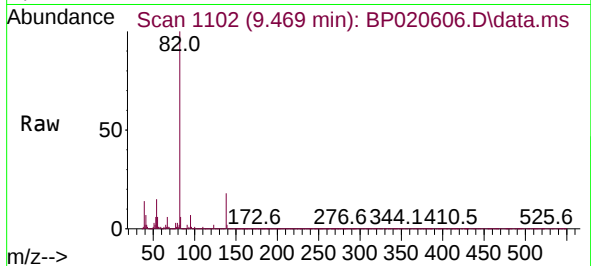




#25
Isophorone
Concen: 20.126 ng
RT: 9.469 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

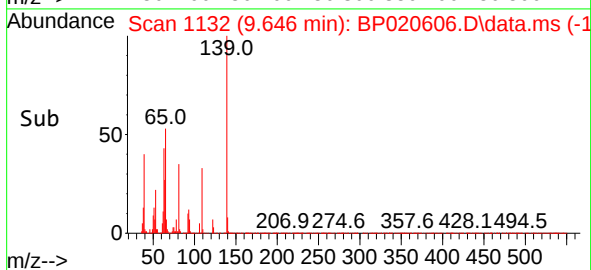
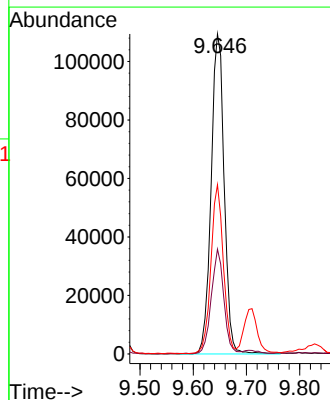
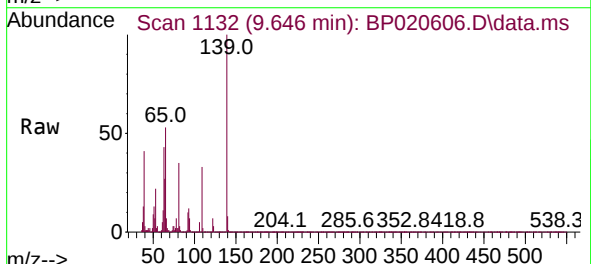
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

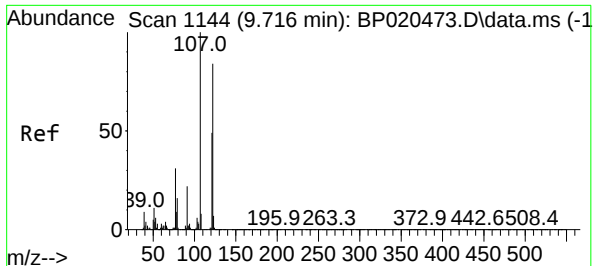
Tgt Ion: 82 Resp: 711273
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.9 13.8 20.6



#26
2-Nitrophenol
Concen: 27.357 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion: 139 Resp: 186848
Ion Ratio Lower Upper
139 100
109 32.8 25.8 38.8
65 52.9 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 23.754 ng

RT: 9.710 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

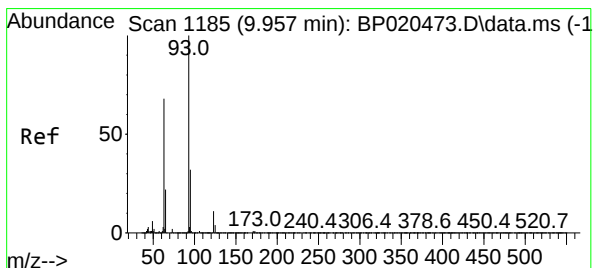
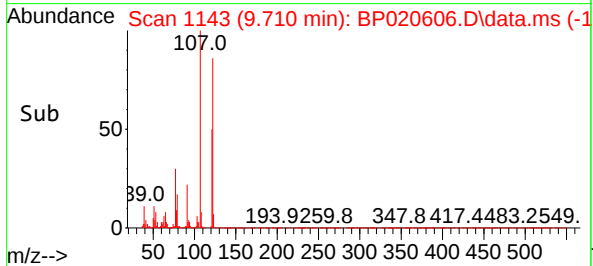
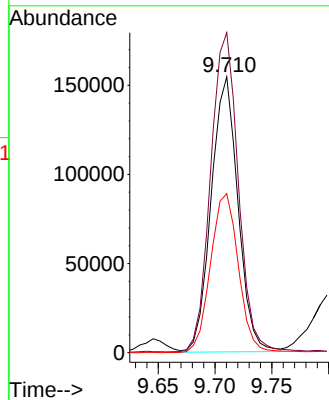
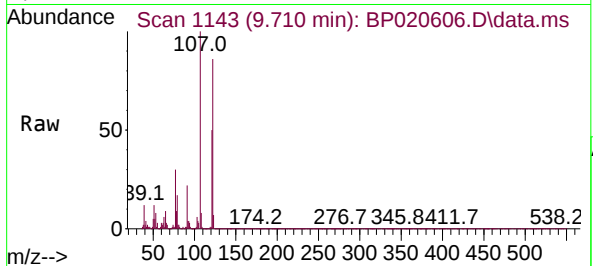
Tgt Ion:122 Resp: 253618

Ion Ratio Lower Upper

122 100

107 116.0 95.0 142.4

121 57.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 20.426 ng

RT: 9.934 min Scan# 1181

Delta R.T. -0.024 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

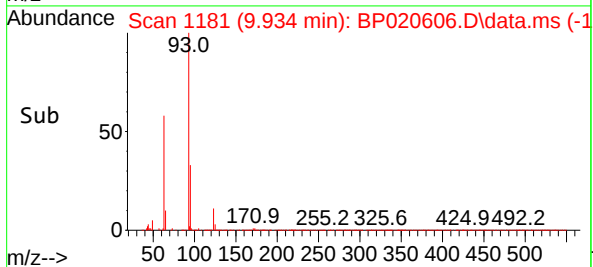
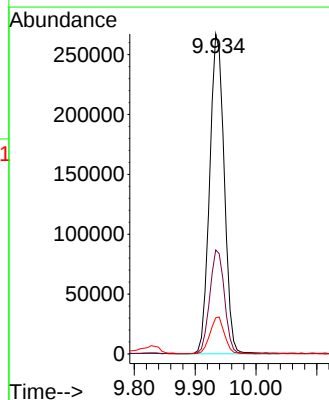
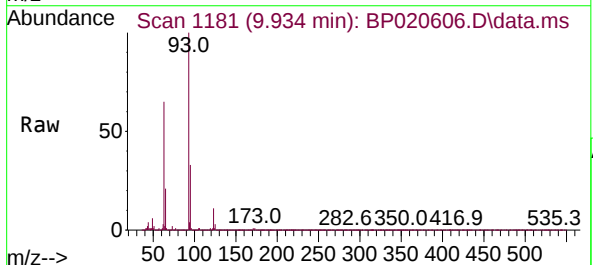
Tgt Ion: 93 Resp: 443697

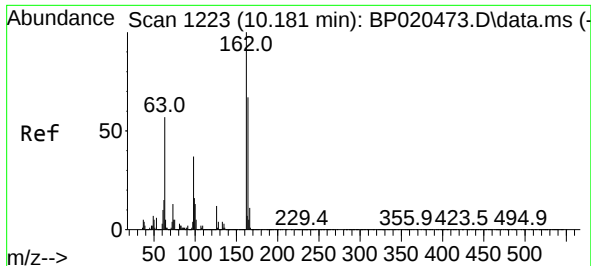
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 23.590 ng

RT: 10.175 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

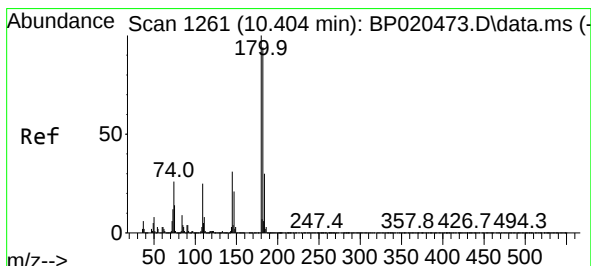
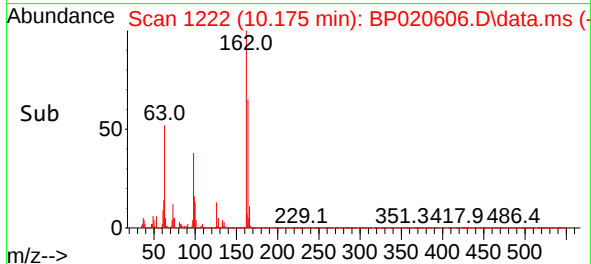
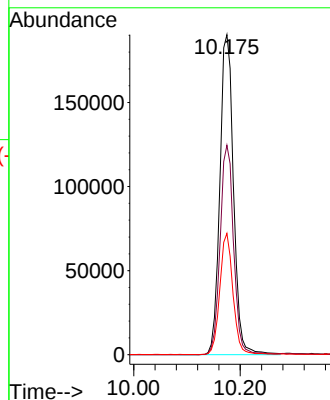
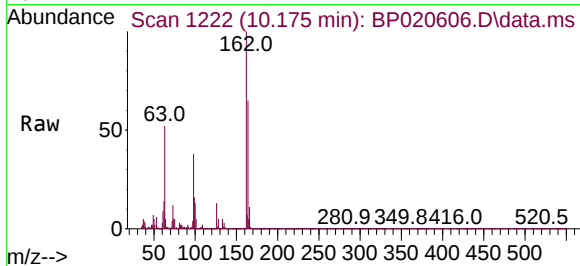
Tgt Ion:162 Resp: 337895

Ion Ratio Lower Upper

162 100

164 65.5 46.5 86.5

98 37.9 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 22.800 ng

RT: 10.393 min Scan# 1259

Delta R.T. -0.012 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

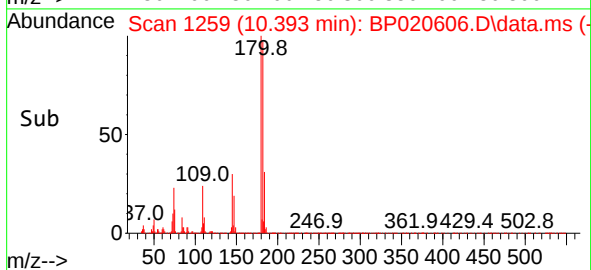
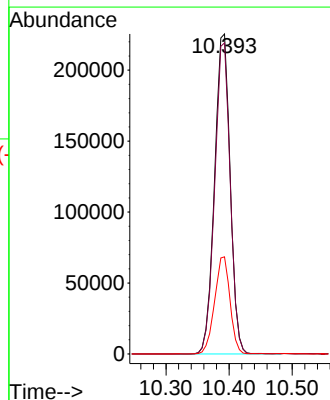
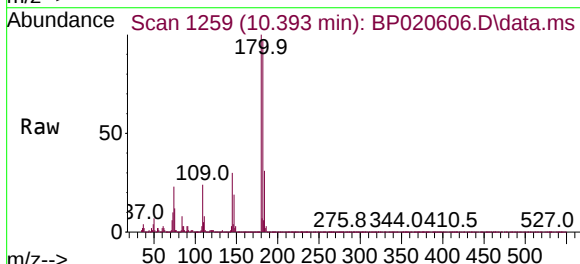
Tgt Ion:180 Resp: 387709

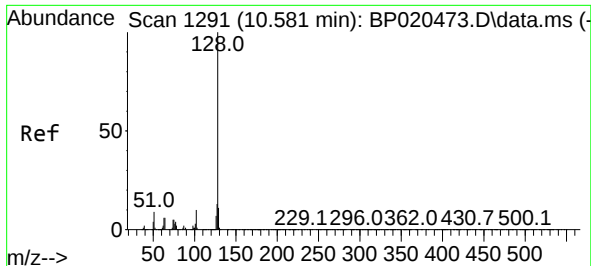
Ion Ratio Lower Upper

180 100

182 97.2 75.2 112.8

145 30.3 24.9 37.3

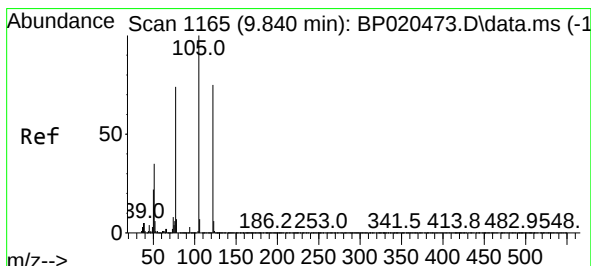
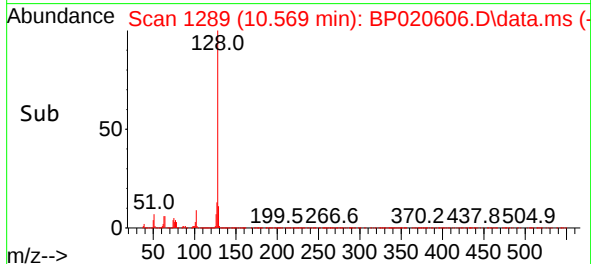
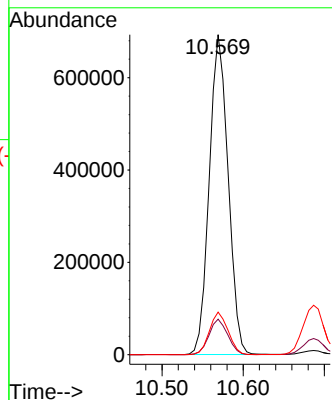
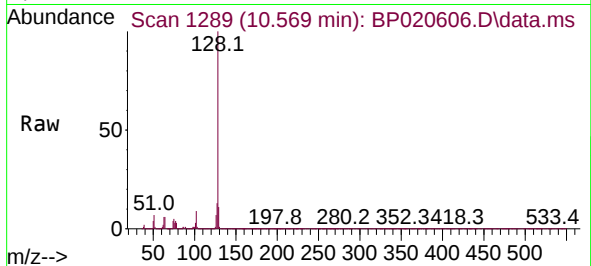




#31
Naphthalene
Concen: 21.943 ng
RT: 10.569 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

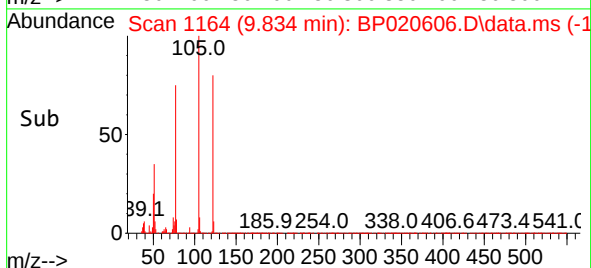
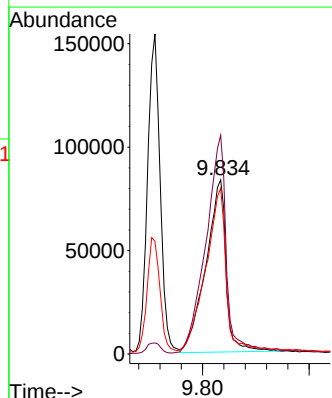
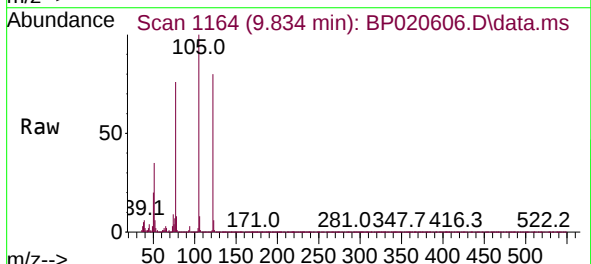
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

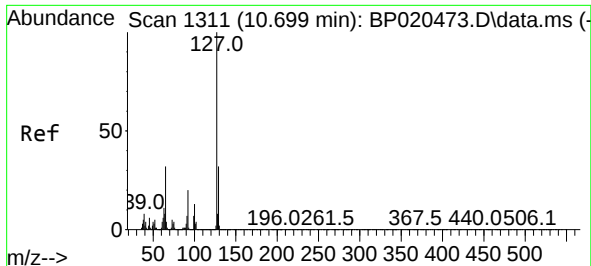
Tgt Ion:128 Resp: 1116906
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 25.388 ng
RT: 9.834 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:122 Resp: 219349
Ion Ratio Lower Upper
122 100
105 125.7 107.5 147.5
77 95.2 76.1 116.1

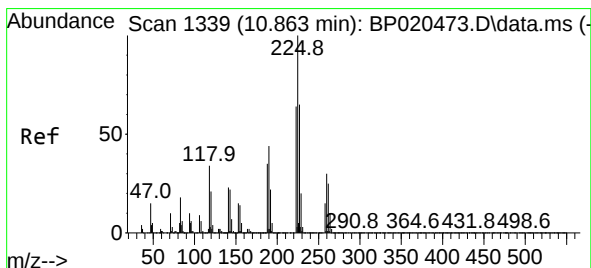
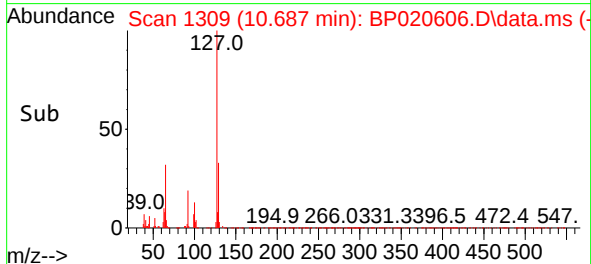
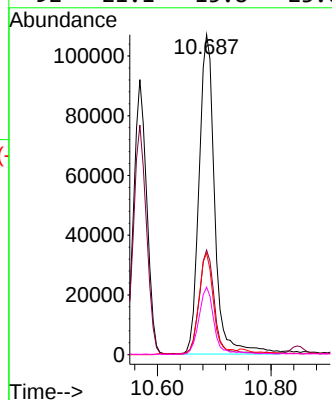
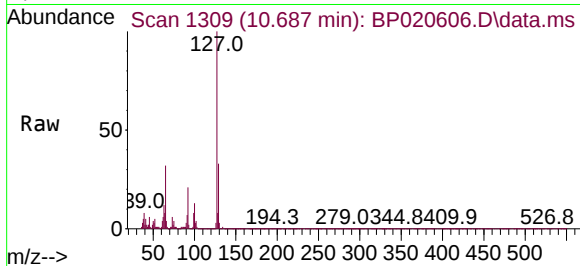




#33
4-Chloroaniline
Concen: 10.441 ng
RT: 10.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

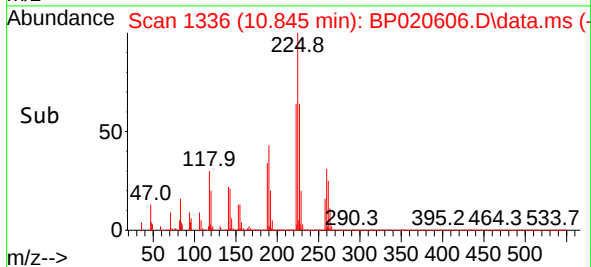
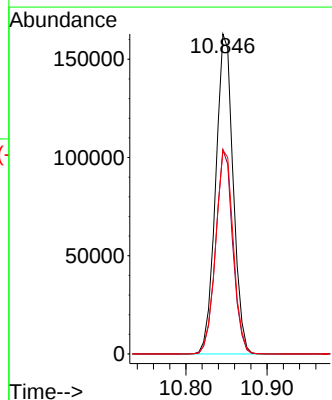
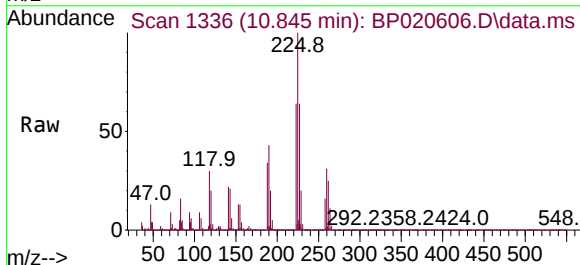
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

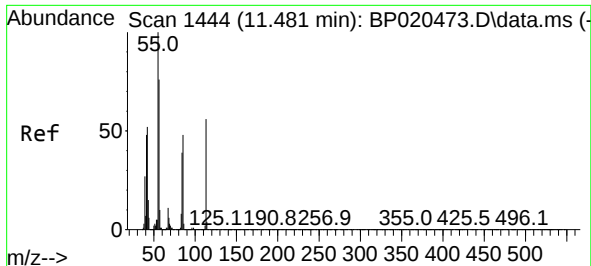
Tgt Ion:	127	Resp:	205583
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	31.7	25.4	38.2
92	21.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 22.666 ng
RT: 10.845 min Scan# 1336
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:	225	Resp:	242799
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.3	76.9
227	63.8	51.6	77.4

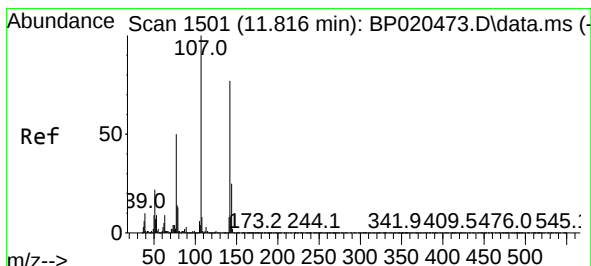
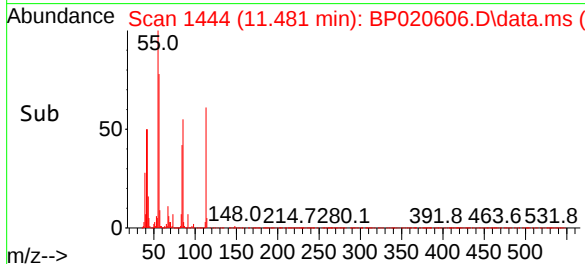
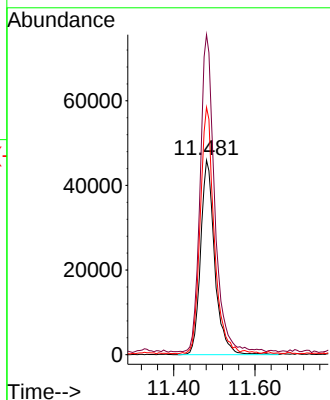
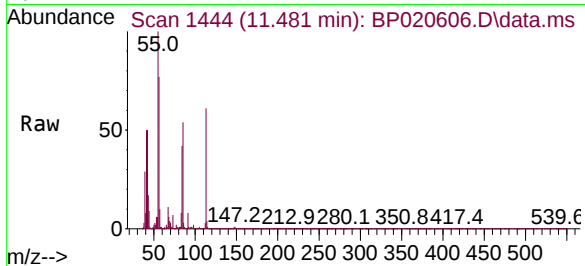




#35
Caprolactam
Concen: 21.085 ng
RT: 11.481 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

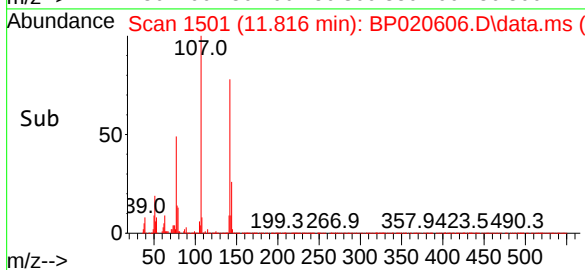
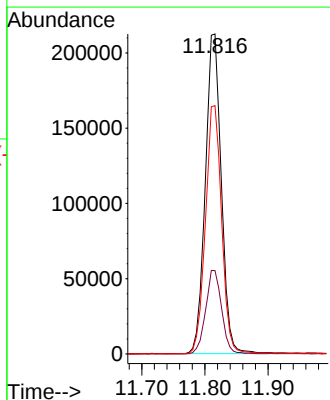
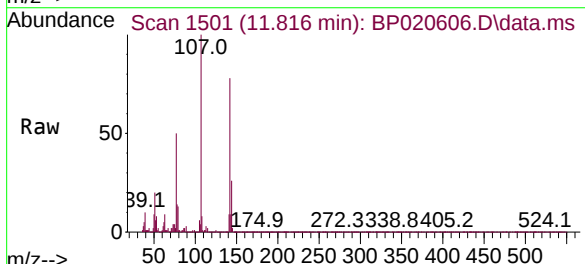
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

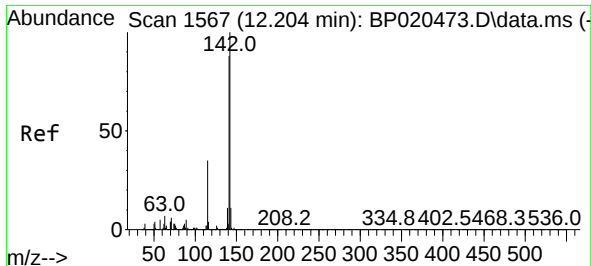
Tgt Ion:113 Resp: 110678
Ion Ratio Lower Upper
113 100
55 164.6 158.7 198.7
56 127.2 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 22.371 ng
RT: 11.816 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:107 Resp: 375175
Ion Ratio Lower Upper
107 100
144 26.1 20.0 30.0
142 77.6 61.4 92.2

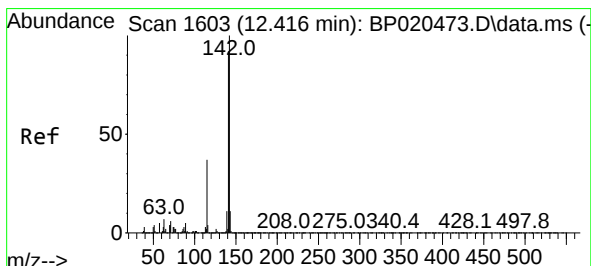
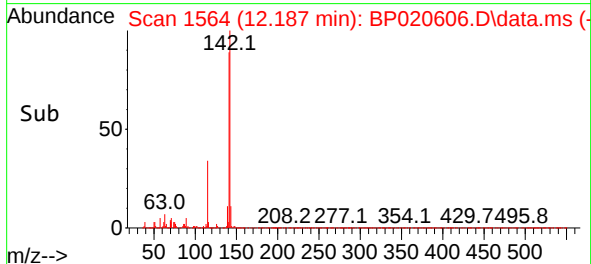
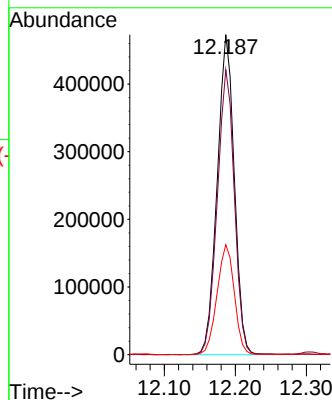
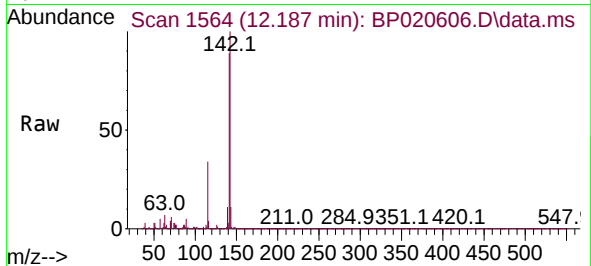




#37
2-Methylnaphthalene
Concen: 21.605 ng
RT: 12.187 min Scan# 1564
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

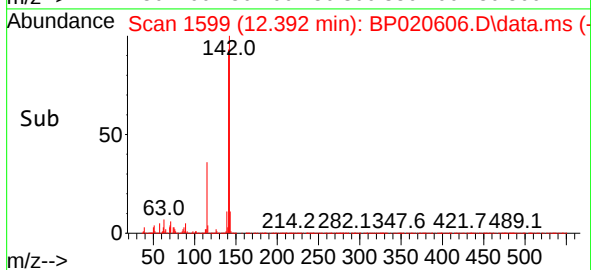
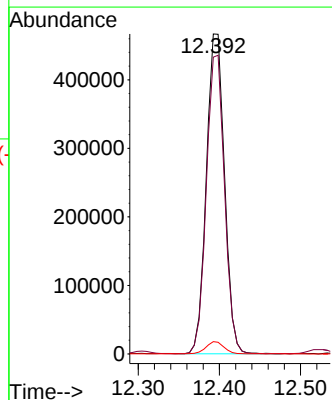
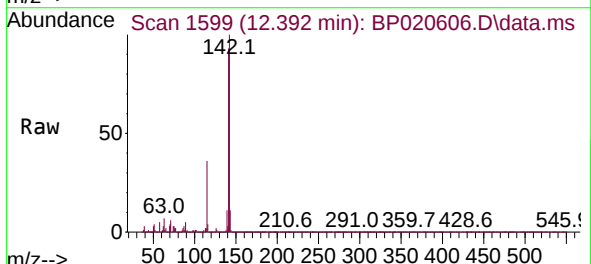
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

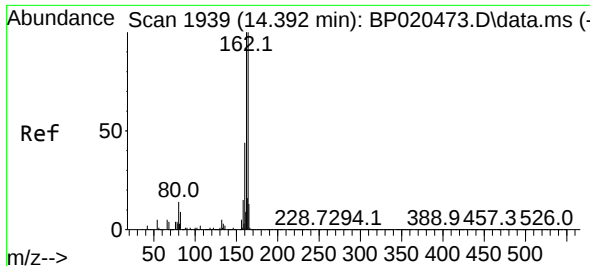
Tgt Ion:142 Resp: 788008
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 34.3 28.0 42.0



#38
1-Methylnaphthalene
Concen: 20.046 ng
RT: 12.392 min Scan# 1599
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:142 Resp: 724800
Ion Ratio Lower Upper
142 100
141 92.7 73.7 110.5
116 3.8 3.2 4.8

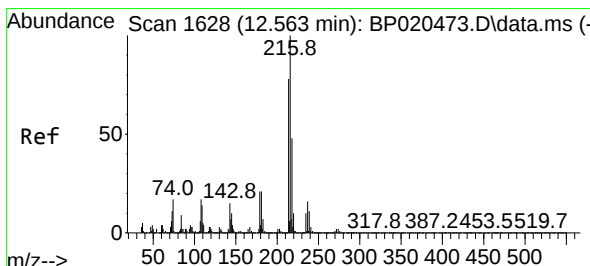
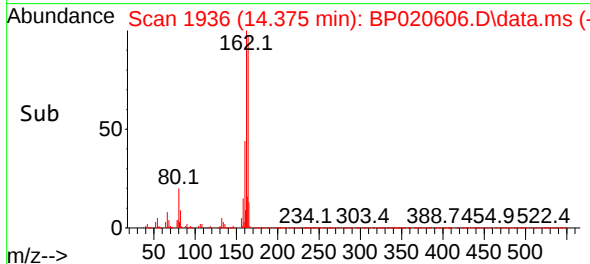
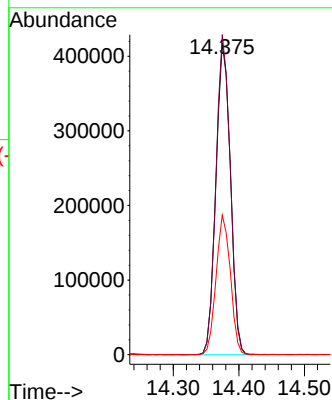
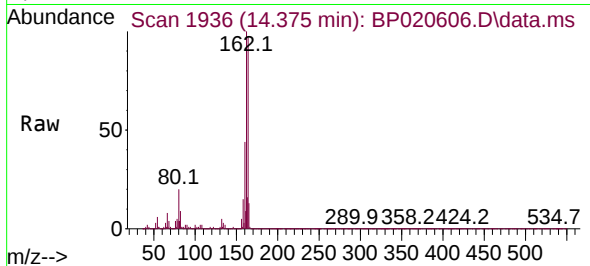




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

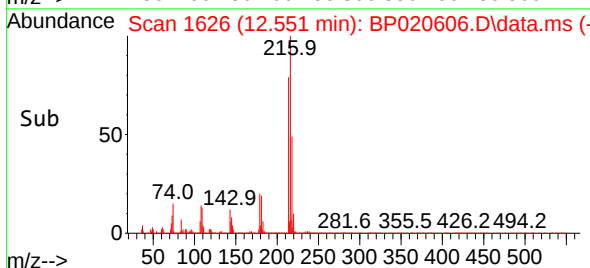
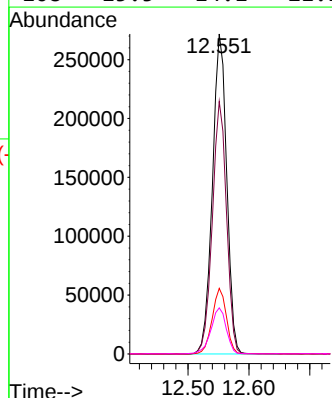
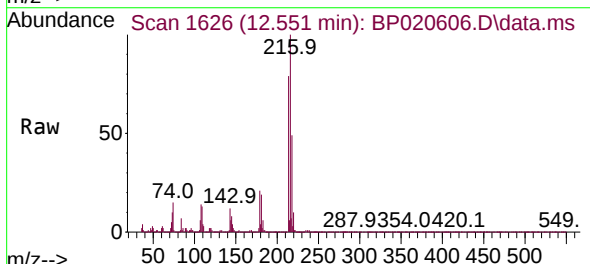
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

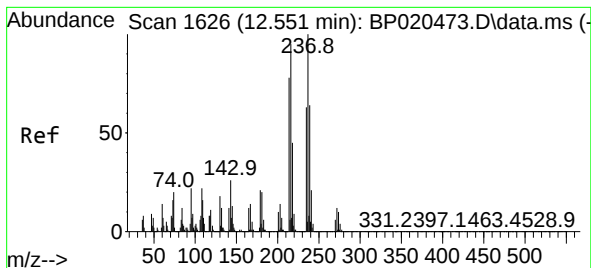
Tgt Ion:164 Resp: 639615
Ion Ratio Lower Upper
164 100
162 102.7 80.3 120.5
160 44.8 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.975 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:216 Resp: 443680
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 20.4 16.9 25.3
108 15.5 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 15.253 ng

RT: 12.522 min Scan# 1

Delta R.T. -0.030 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

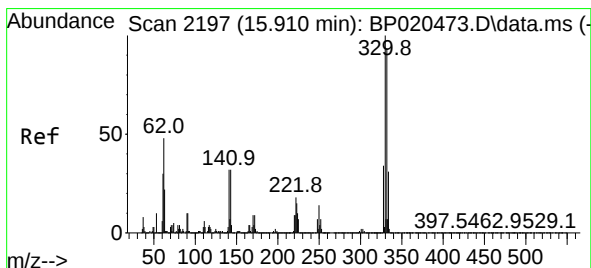
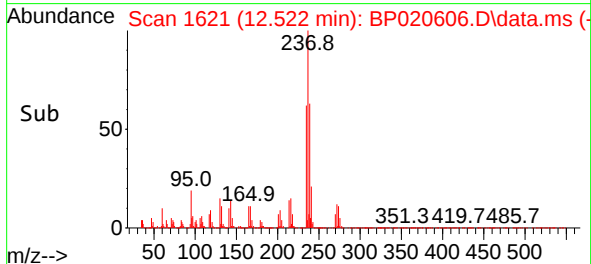
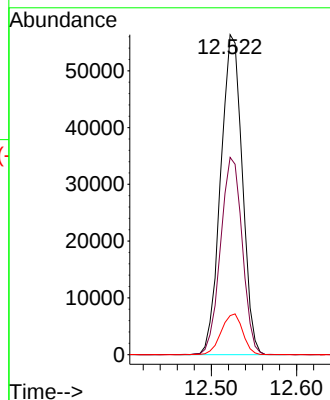
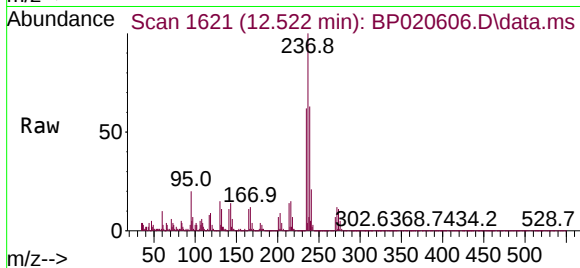
Tgt Ion:237 Resp: 99203

Ion Ratio Lower Upper

237 100

235 61.6 43.1 83.1

272 12.2 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 67.867 ng

RT: 15.892 min Scan# 2194

Delta R.T. -0.018 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

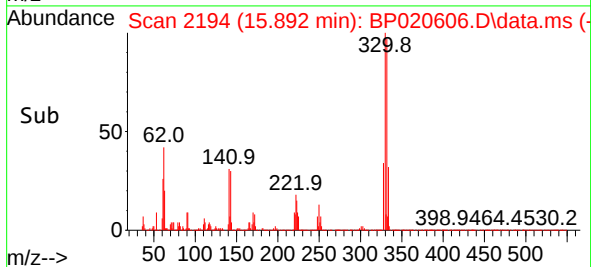
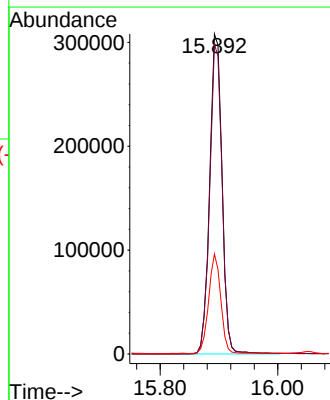
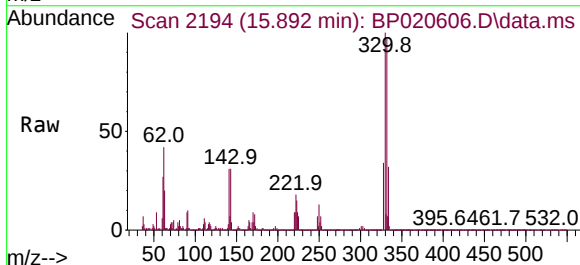
Tgt Ion:330 Resp: 450496

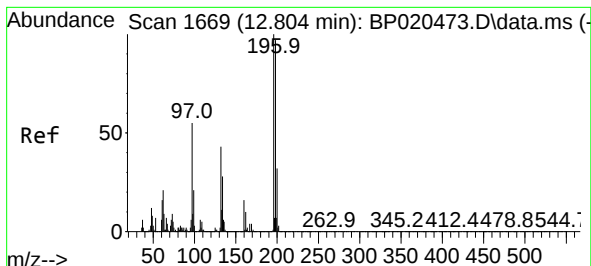
Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

141 30.1 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 25.746 ng

RT: 12.792 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

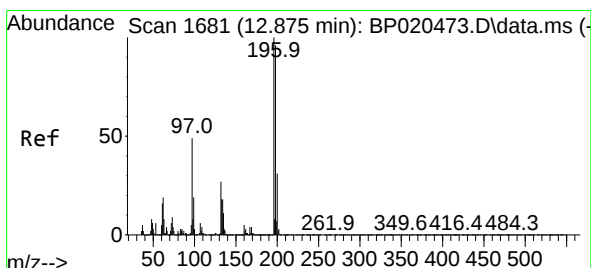
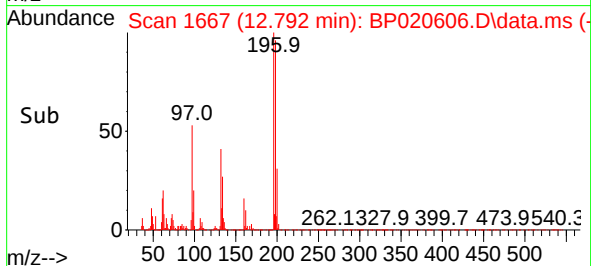
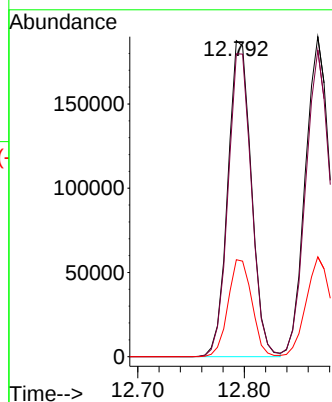
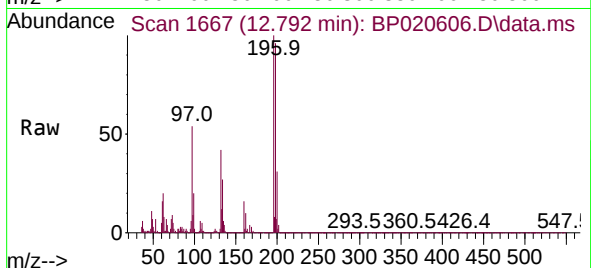
Tgt Ion:196 Resp: 288011

Ion Ratio Lower Upper

196 100

198 95.9 77.9 116.9

200 30.7 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 24.006 ng

RT: 12.869 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Tgt Ion:196 Resp: 309814

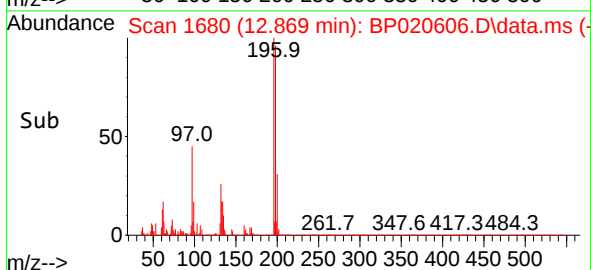
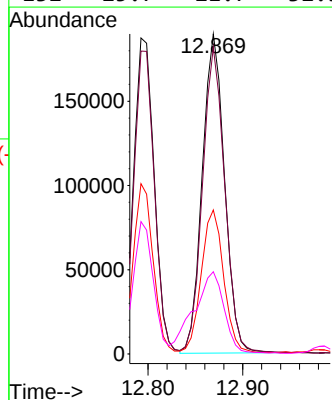
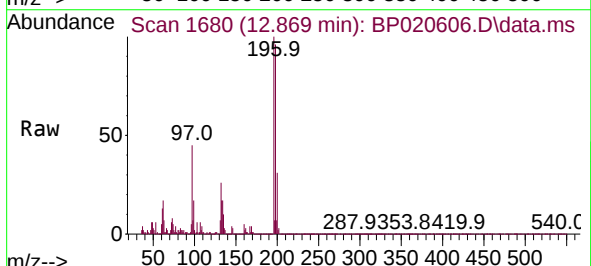
Ion Ratio Lower Upper

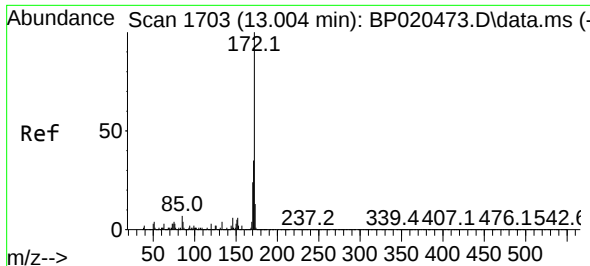
196 100

198 95.8 77.0 115.4

97 45.0 38.9 58.3

132 25.7 21.7 32.5

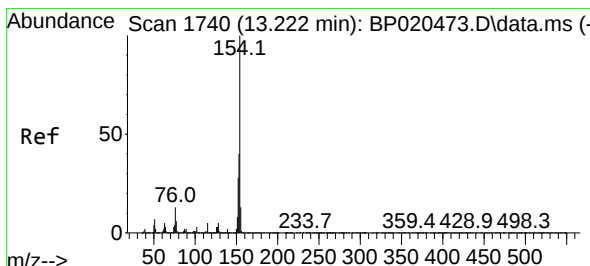
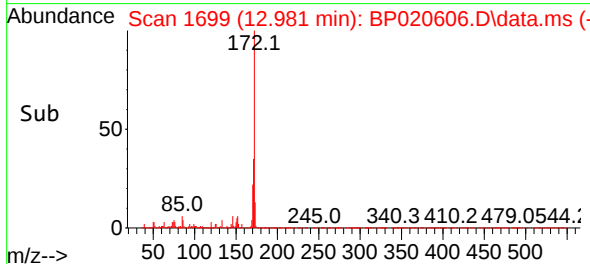
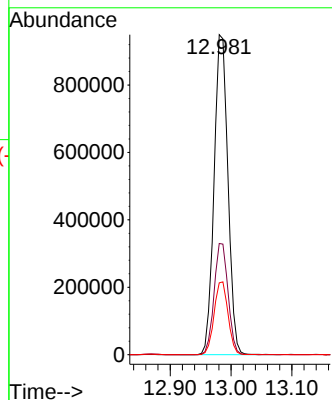
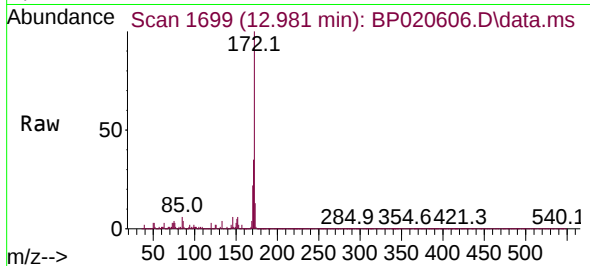




#45
2-Fluorobiphenyl
Concen: 34.928 ng
RT: 12.981 min Scan# 1703
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

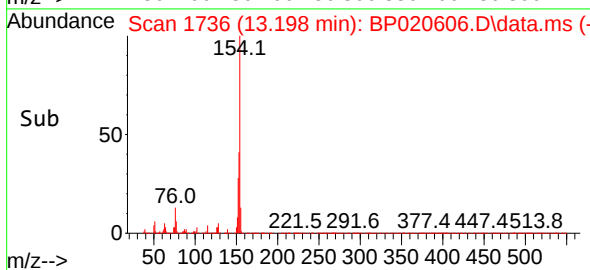
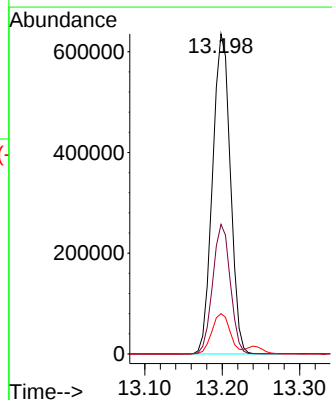
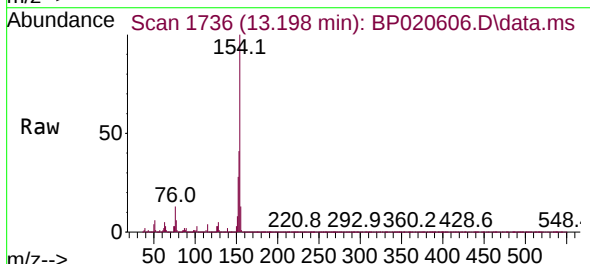
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

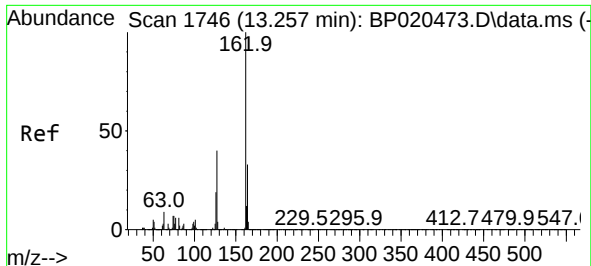
Tgt Ion:172 Resp: 1498613
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 22.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 22.538 ng
RT: 13.198 min Scan# 1736
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:154 Resp: 1017376
Ion Ratio Lower Upper
154 100
153 40.5 19.9 59.9
76 12.6 0.0 33.2

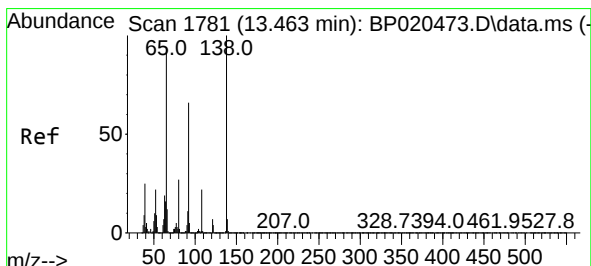
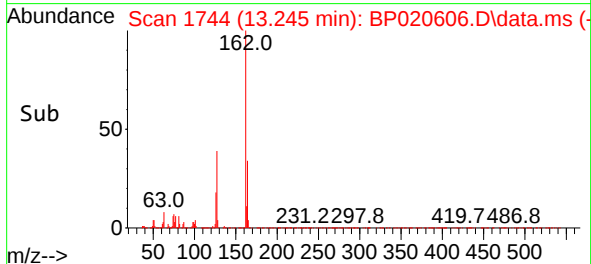
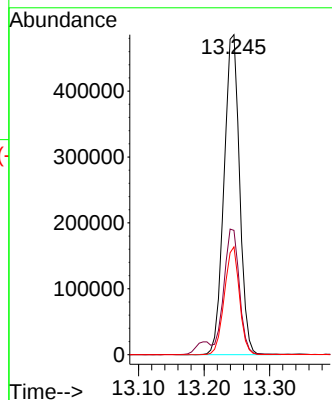
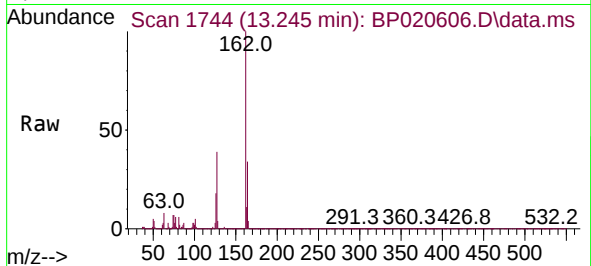




#47
2-Chloronaphthalene
Concen: 22.240 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

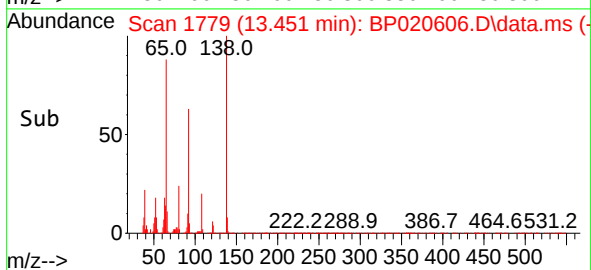
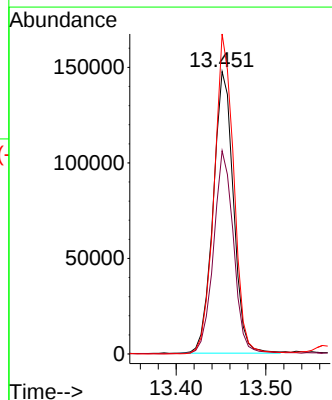
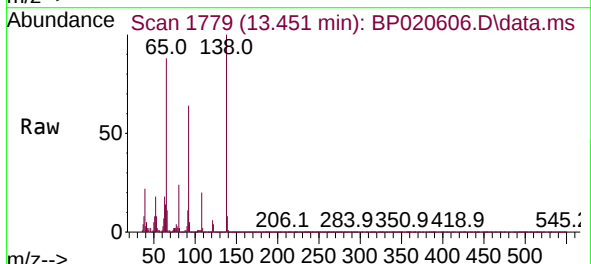
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

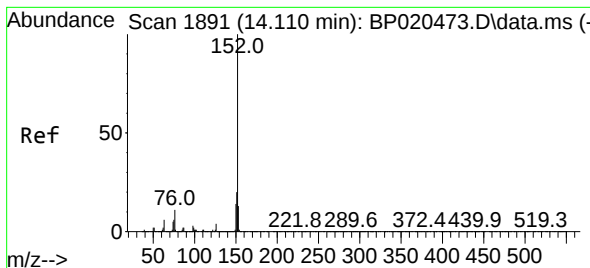
Tgt Ion:162 Resp: 798075
Ion Ratio Lower Upper
162 100
127 38.9 32.2 48.2
164 33.7 26.1 39.1



#48
2-Nitroaniline
Concen: 23.779 ng
RT: 13.451 min Scan# 1779
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion: 65 Resp: 231221
Ion Ratio Lower Upper
65 100
92 72.0 55.8 83.8
138 113.3 85.2 127.8





#49

Acenaphthylene

Concen: 24.262 ng

RT: 14.092 min Scan# 1888

Delta R.T. -0.018 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

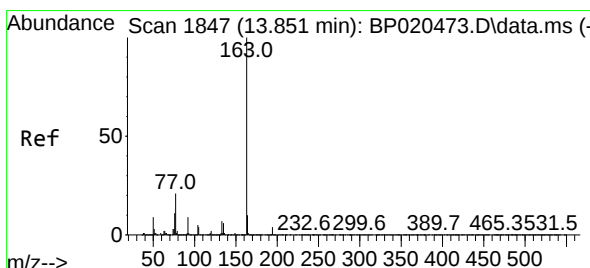
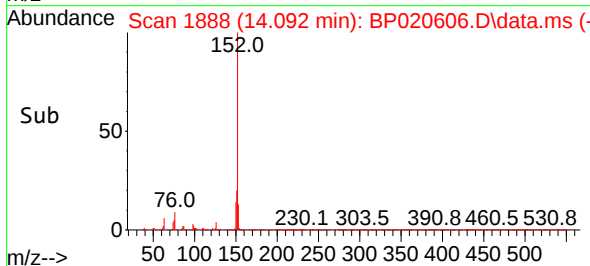
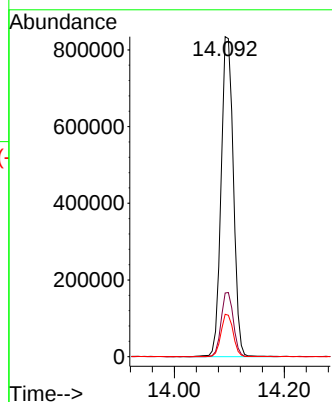
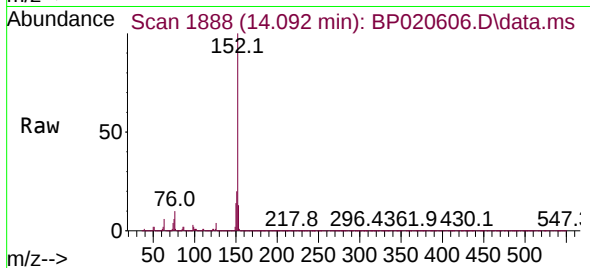
Tgt Ion:152 Resp: 1291856

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 21.534 ng

RT: 13.828 min Scan# 1843

Delta R.T. -0.024 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

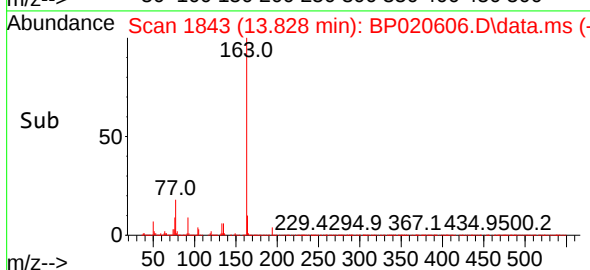
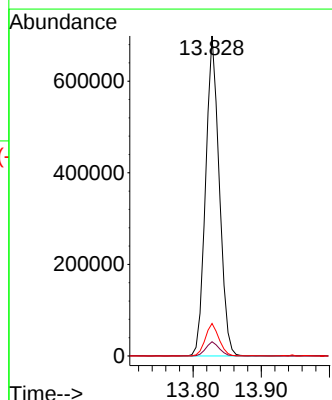
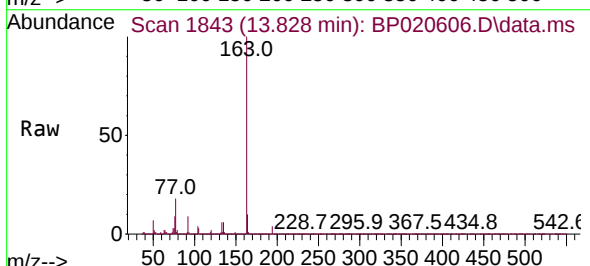
Tgt Ion:163 Resp: 970876

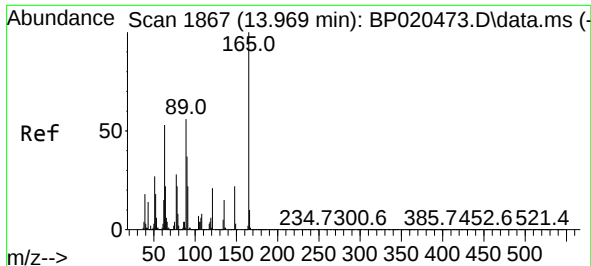
Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 10.2 8.3 12.5

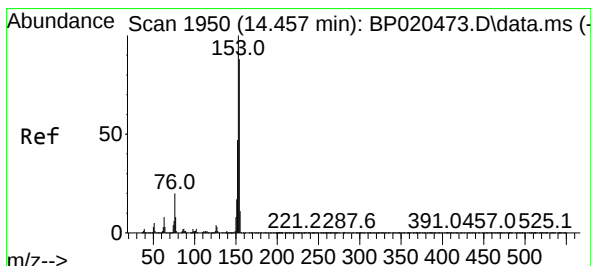
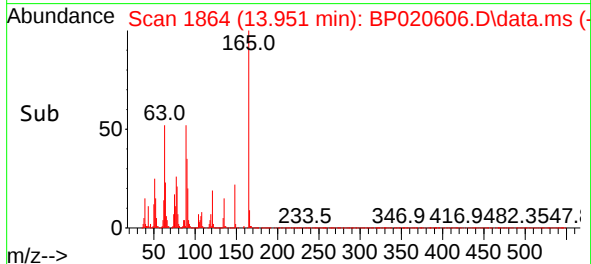
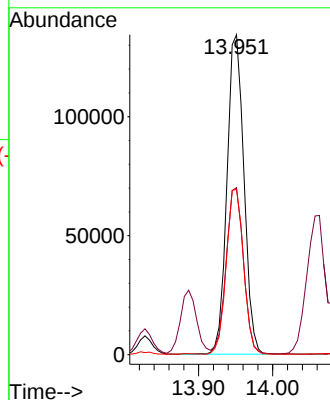
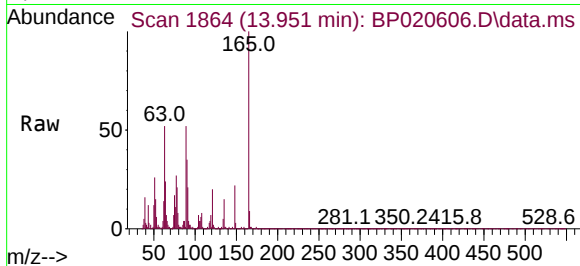




#51
2,6-Dinitrotoluene
Concen: 22.161 ng
RT: 13.951 min Scan# 1864
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

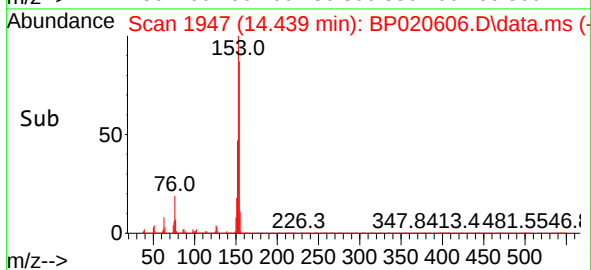
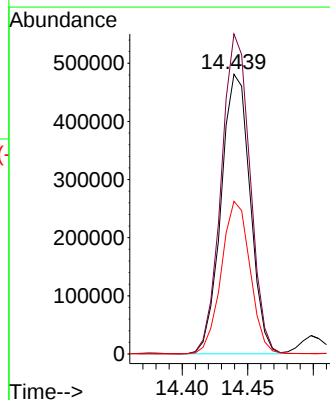
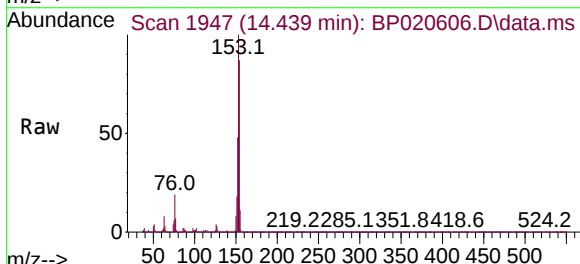
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

Tgt Ion:165 Resp: 213568
Ion Ratio Lower Upper
165 100
63 52.2 45.6 68.4
89 51.7 44.9 67.3



#52
Acenaphthene
Concen: 22.018 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:154 Resp: 739547
Ion Ratio Lower Upper
154 100
153 114.4 90.6 136.0
152 54.6 42.6 63.8

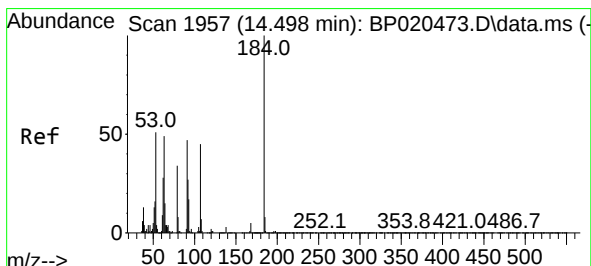
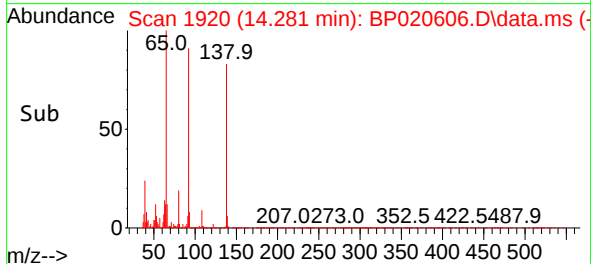
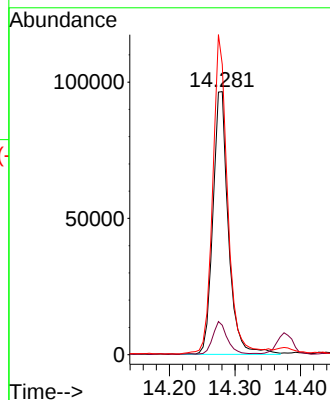
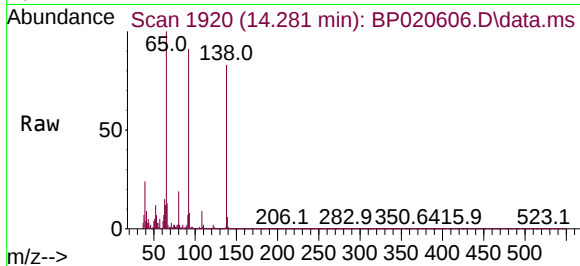




#53
3-Nitroaniline
Concen: 16.349 ng
RT: 14.281 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

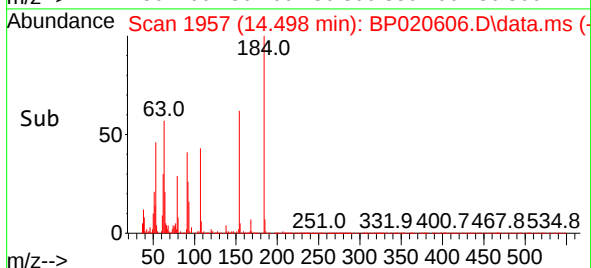
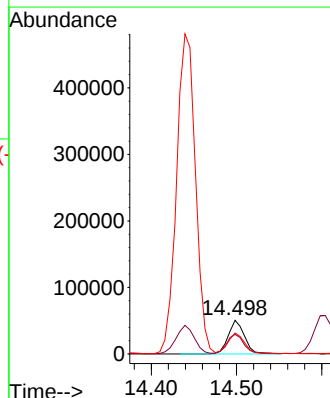
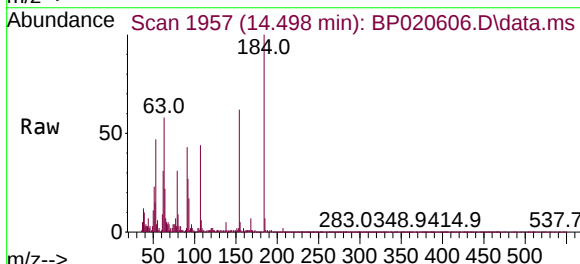
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

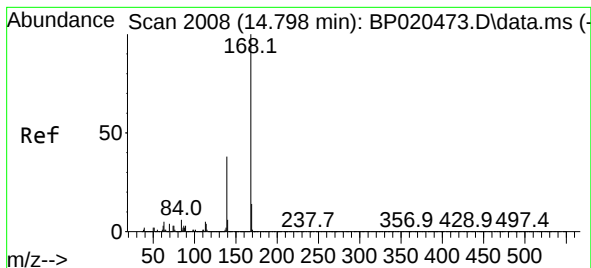
Tgt Ion:138 Resp: 158036
Ion Ratio Lower Upper
138 100
108 11.2 9.8 14.6
92 110.3 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 23.311 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:184 Resp: 66904
Ion Ratio Lower Upper
184 100
63 57.8 54.2 81.4
154 62.3 51.0 76.6





#55

Dibenzenofuran

Concen: 23.032 ng

RT: 14.781 min Scan# 2008

Delta R.T. -0.018 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

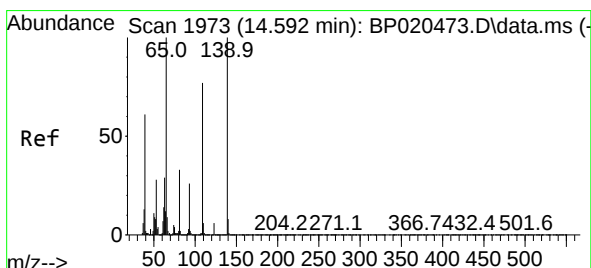
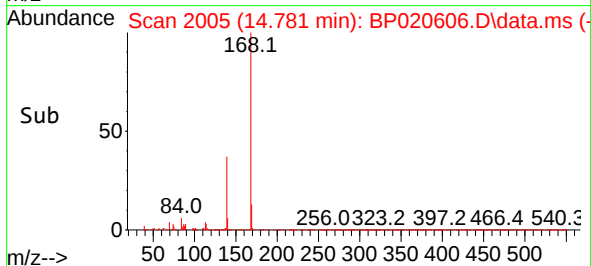
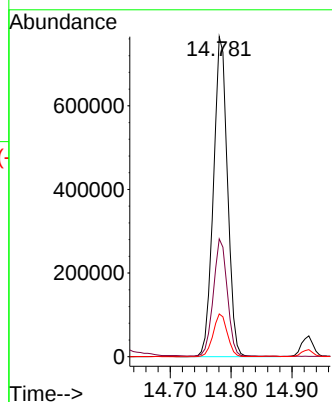
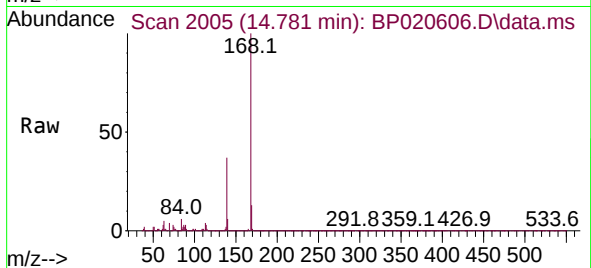
Tgt Ion:168 Resp: 1225469

Ion Ratio Lower Upper

168 100

139 36.8 30.4 45.6

169 13.4 11.0 16.4



#56

4-Nitrophenol

Concen: 48.732 ng

RT: 14.604 min Scan# 1975

Delta R.T. 0.012 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

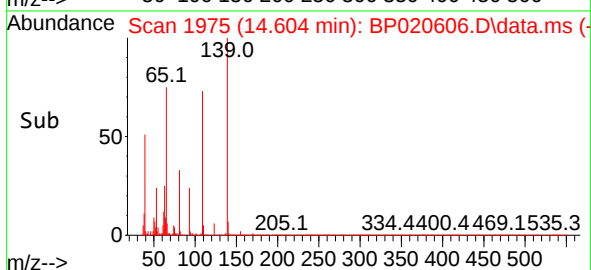
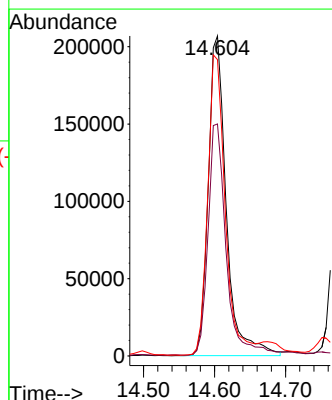
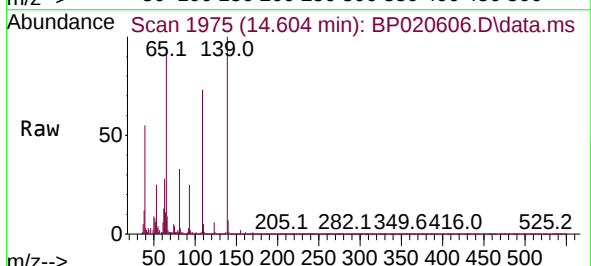
Tgt Ion:139 Resp: 364396

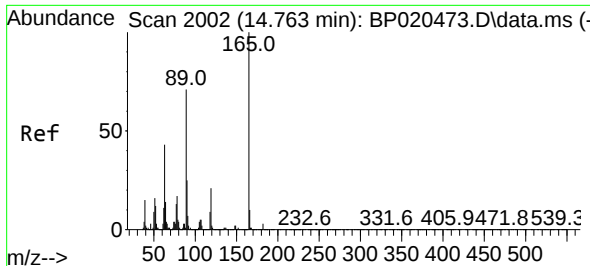
Ion Ratio Lower Upper

139 100

109 72.5 57.4 97.4

65 92.6 80.4 120.4

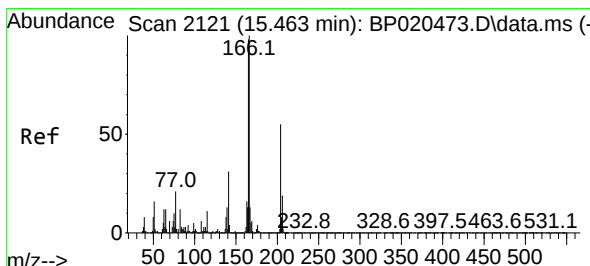
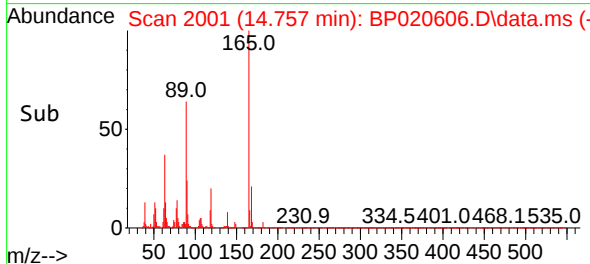
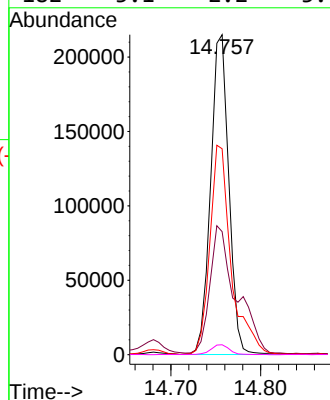
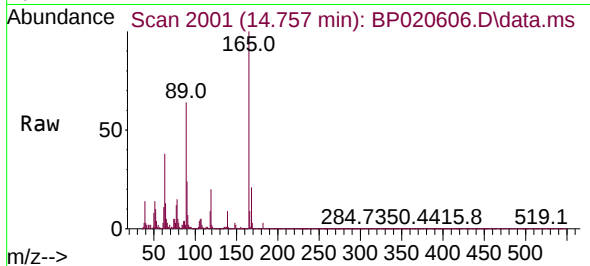




#57
2,4-Dinitrotoluene
Concen: 23.897 ng
RT: 14.757 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

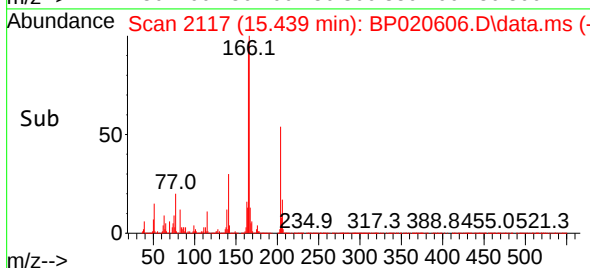
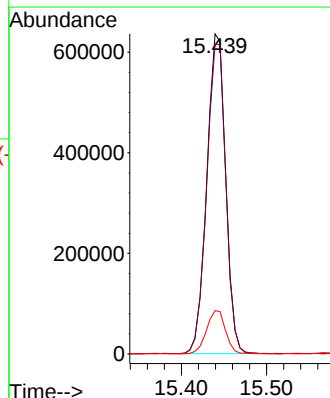
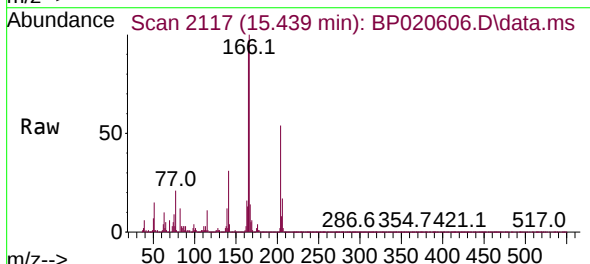
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

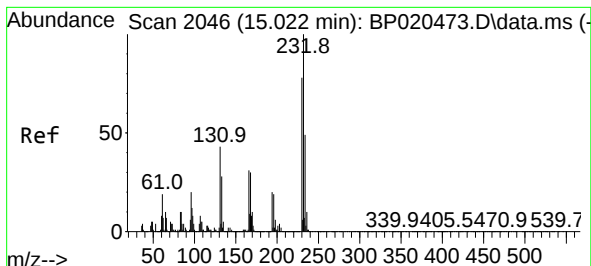
Tgt Ion:	165	Resp:	302653
Ion	Ratio	Lower	Upper
165	100		
63	38.5	34.9	52.3
89	64.4	56.6	85.0
182	3.1	2.2	3.4



#58
Fluorene
Concen: 22.879 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:	166	Resp:	977240
Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.2	117.4
167	13.6	10.7	16.1



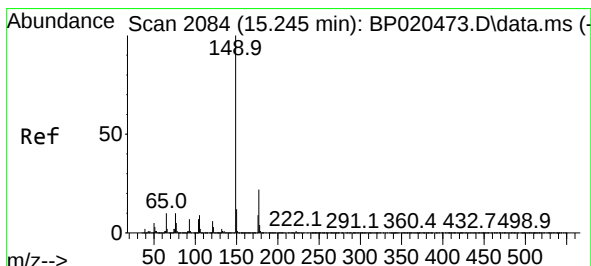
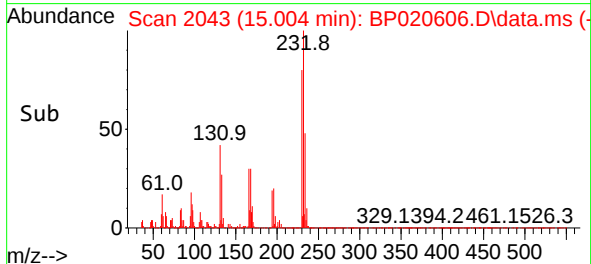
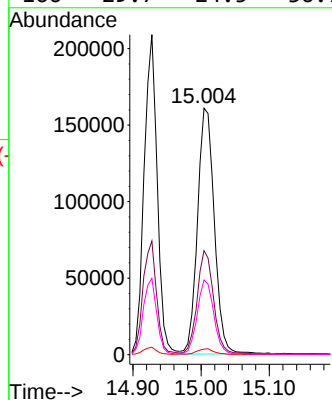
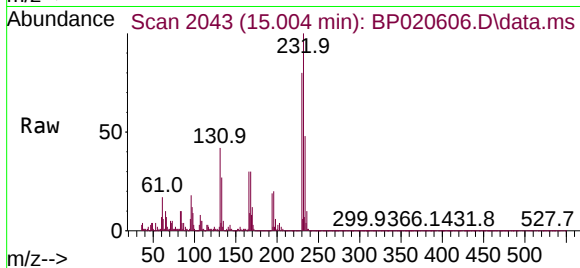


#59
2,3,4,6-Tetrachlorophenol
Concen: 26.134 ng
RT: 15.004 min Scan# 2043
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

Tgt Ion:232 Resp: 276013

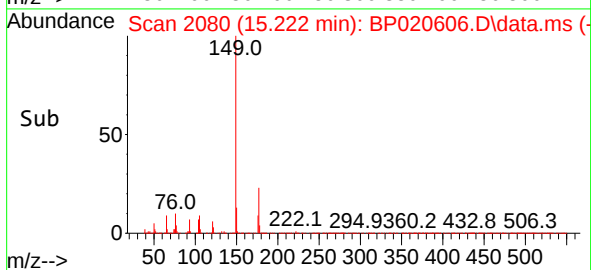
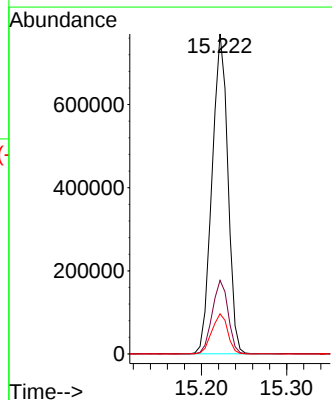
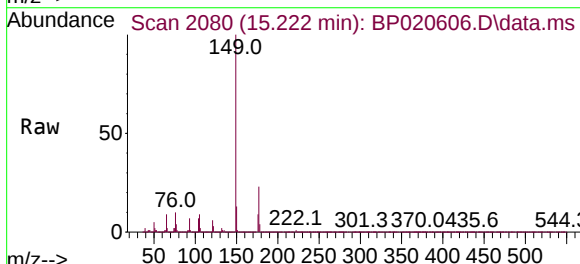
Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.8	52.2
130	2.5	1.9	2.9
166	29.7	24.5	36.7

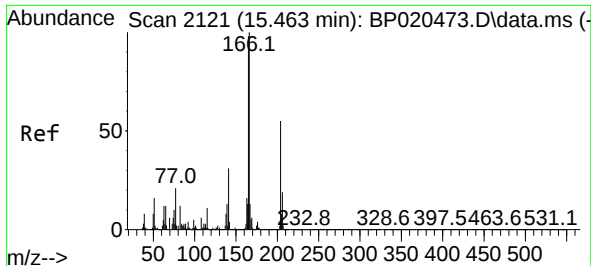


#60
Diethylphthalate
Concen: 21.634 ng
RT: 15.222 min Scan# 2080
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:149 Resp: 991511

Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.8	26.8
150	12.6	9.8	14.8

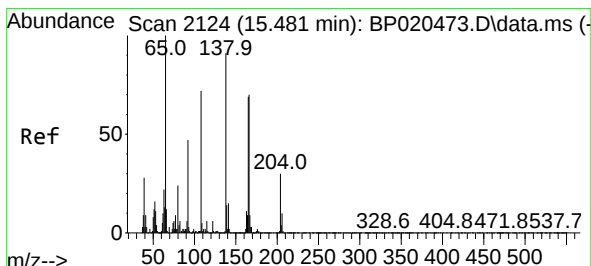
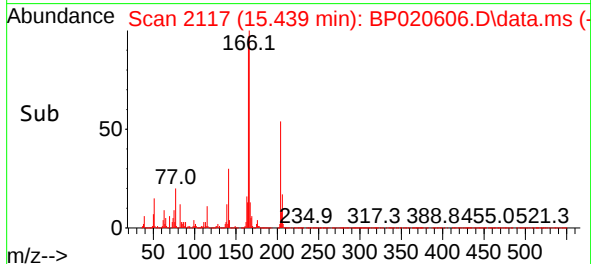
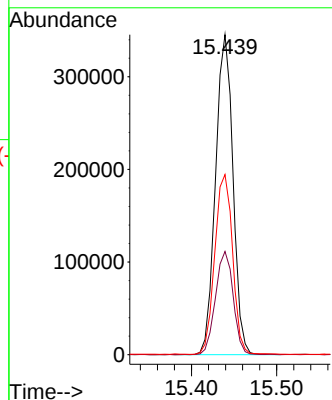
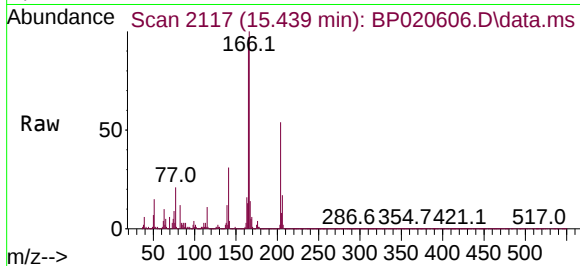




#61
4-Chlorophenyl-phenylether
Concen: 22.226 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

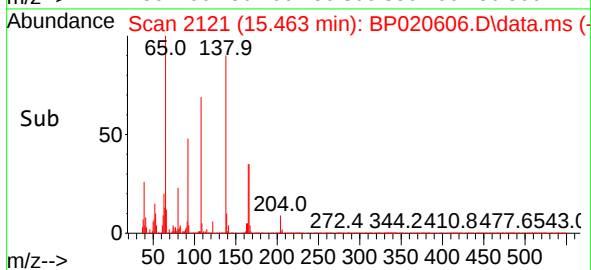
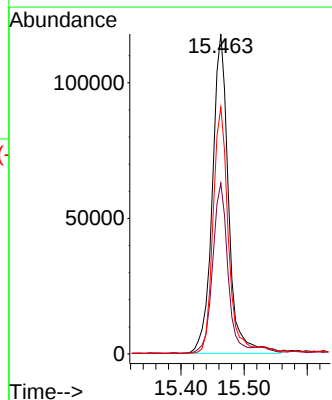
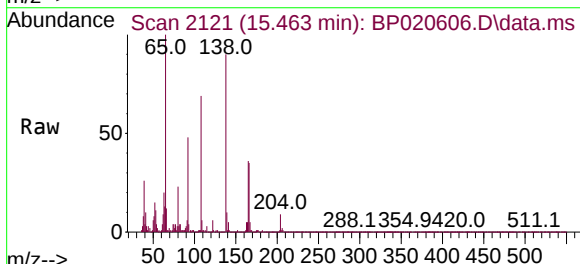
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

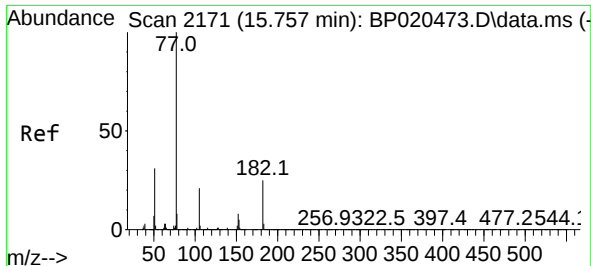
Tgt Ion:204 Resp: 489900
Ion Ratio Lower Upper
204 100
206 32.2 27.0 40.4
141 56.3 45.0 67.6



#62
4-Nitroaniline
Concen: 21.028 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:138 Resp: 209386
Ion Ratio Lower Upper
138 100
92 53.4 31.7 71.7
108 77.1 59.9 99.9

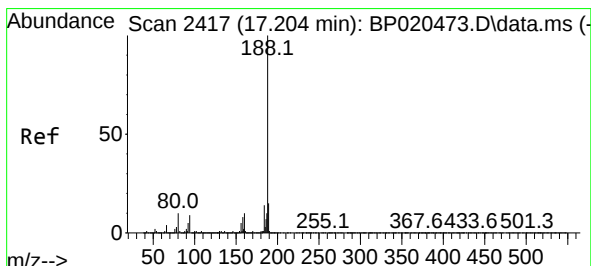
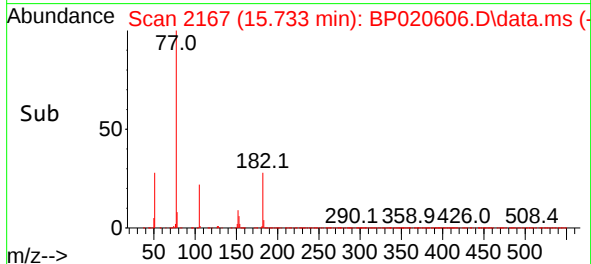
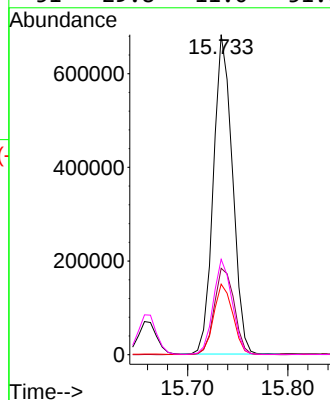
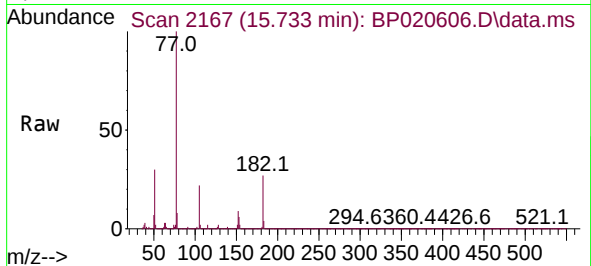




#63
Azobenzene
Concen: 21.032 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

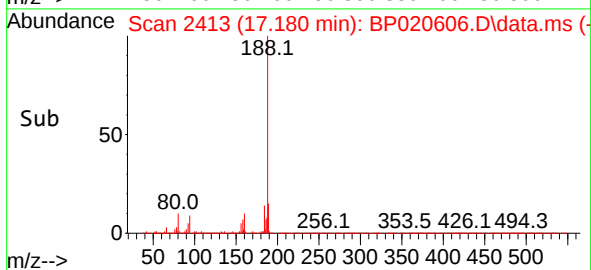
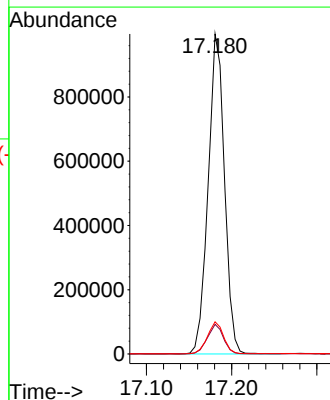
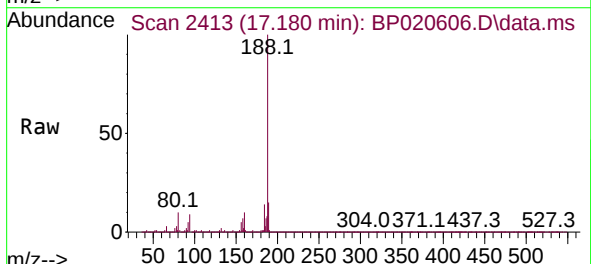
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

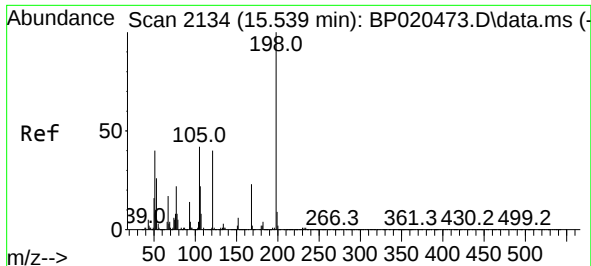
Tgt Ion: 77 Resp: 900087
Ion Ratio Lower Upper
77 100
182 27.0 4.6 44.6
105 22.1 1.2 41.2
51 29.8 11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2413
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:188 Resp: 1326284
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.1 8.1 12.1

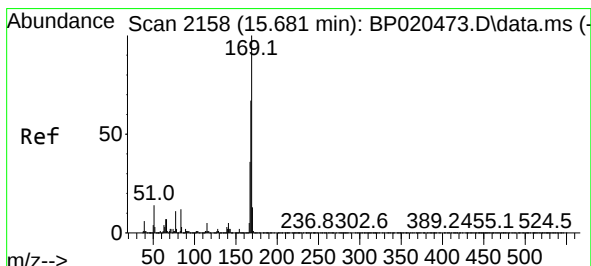
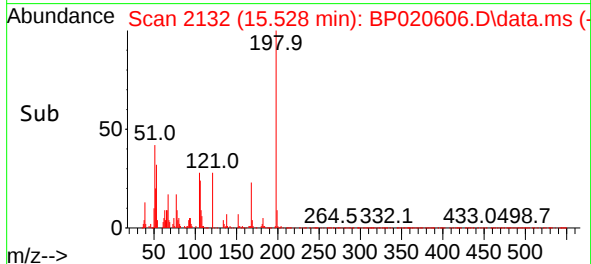
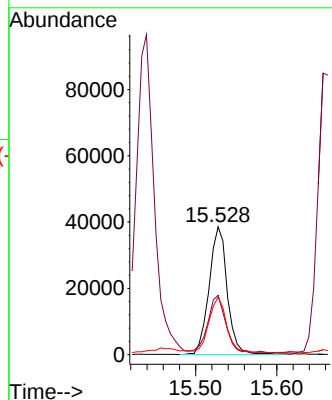
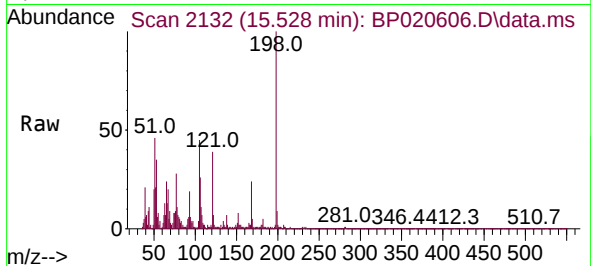




#65
4,6-Dinitro-2-methylphenol
Concen: 16.186 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

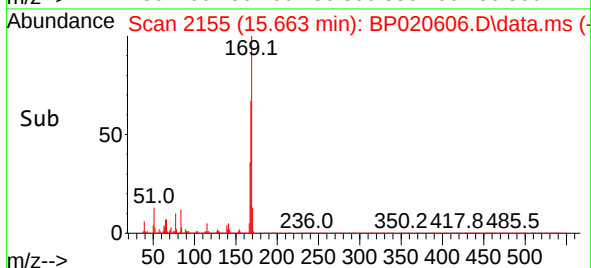
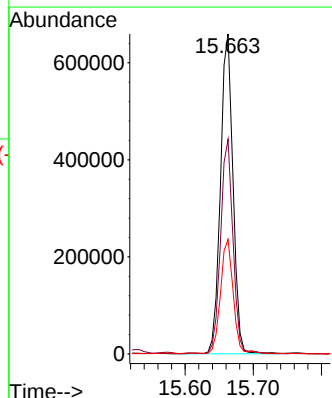
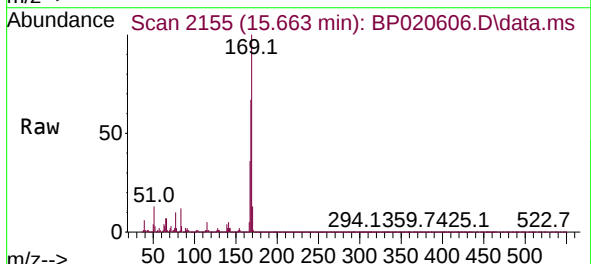
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

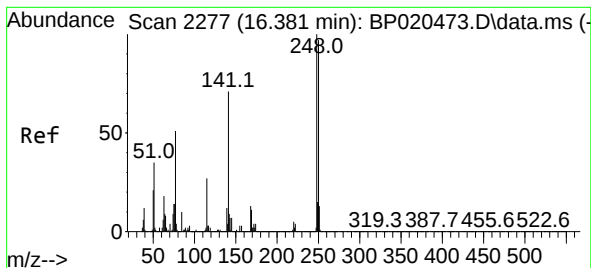
Tgt Ion:198 Resp: 59690
Ion Ratio Lower Upper
198 100
51 46.5 24.8 64.8
105 44.9 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 23.127 ng
RT: 15.663 min Scan# 2155
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:169 Resp: 843317
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 35.8 28.7 43.1

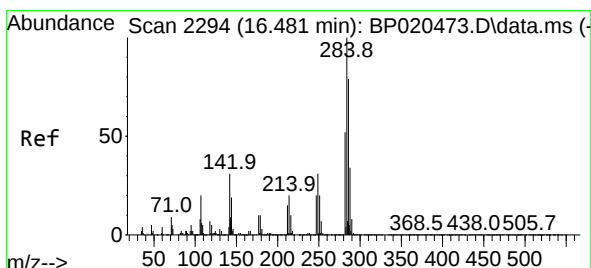
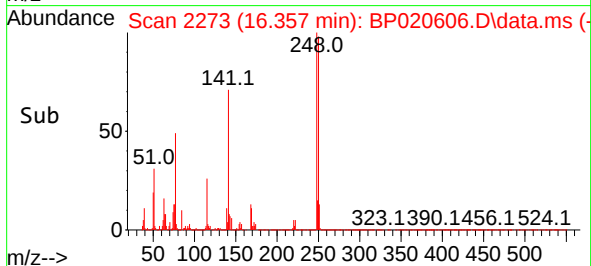
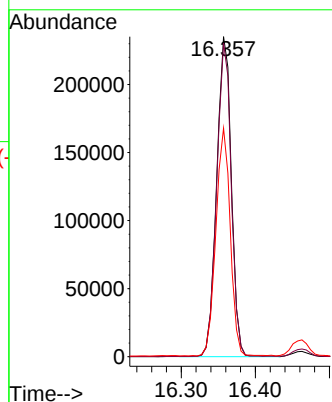
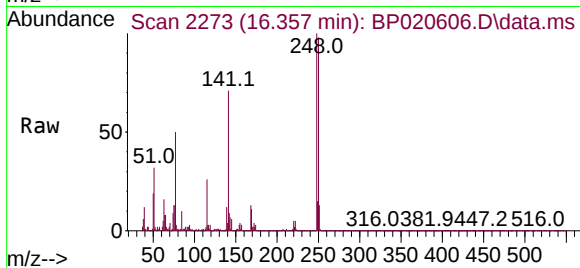




#67
4-Bromophenyl-phenylether
Concen: 23.764 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

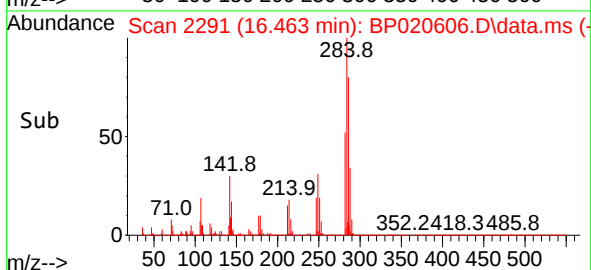
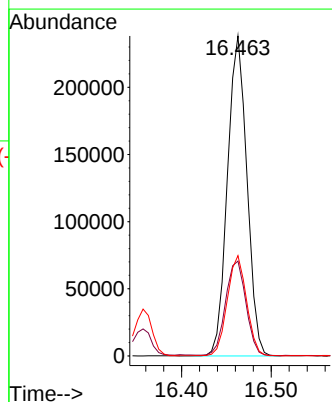
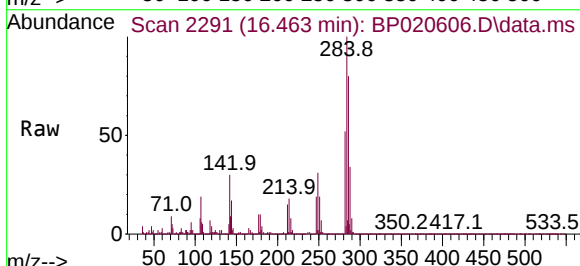
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

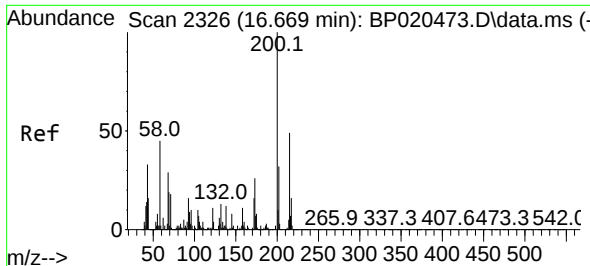
Tgt Ion:248 Resp: 322451
Ion Ratio Lower Upper
248 100
250 98.0 77.4 116.0
141 71.4 56.5 84.7



#68
Hexachlorobenzene
Concen: 22.445 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:284 Resp: 358433
Ion Ratio Lower Upper
284 100
142 29.6 24.5 36.7
249 31.4 25.3 37.9

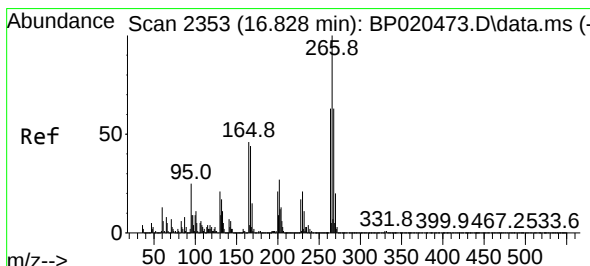
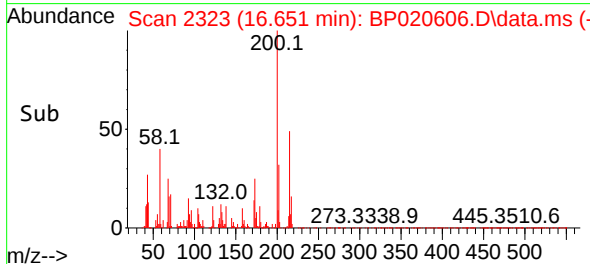
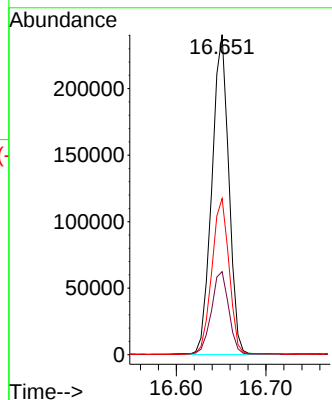
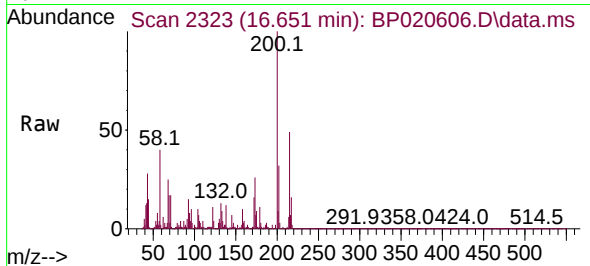




#69
 Atrazine
 Concen: 24.560 ng
 RT: 16.651 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP020606.D
 Acq: 12 Jun 2024 18:57

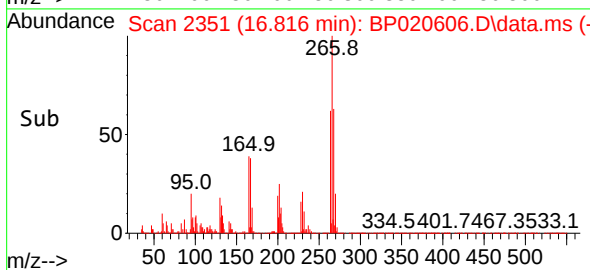
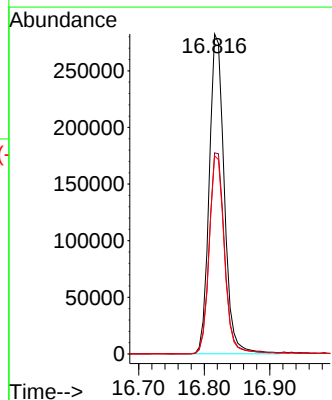
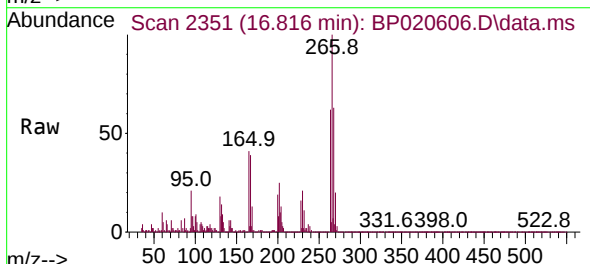
Instrument :
 BNA_P
 ClientSampleId :
 TR-05-061024MSD

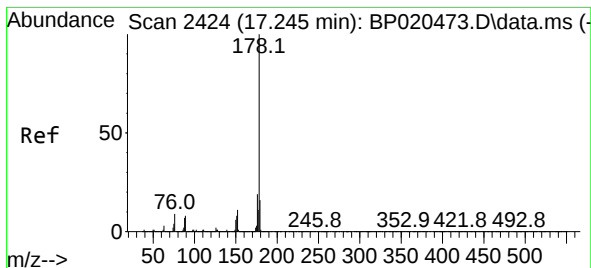
Tgt Ion:200 Resp: 315072
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.1 46.1
 215 48.8 28.7 68.7



#70
 Pentachlorophenol
 Concen: 46.401 ng
 RT: 16.816 min Scan# 2351
 Delta R.T. -0.012 min
 Lab File: BP020606.D
 Acq: 12 Jun 2024 18:57

Tgt Ion:266 Resp: 450034
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.1 75.1
 264 61.9 50.6 76.0





#71

Phenanthrene

Concen: 25.650 ng

RT: 17.222 min Scan# 2424

Delta R.T. -0.024 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

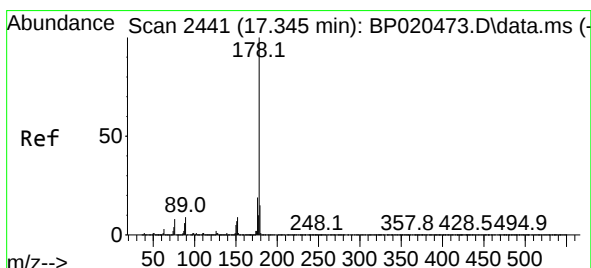
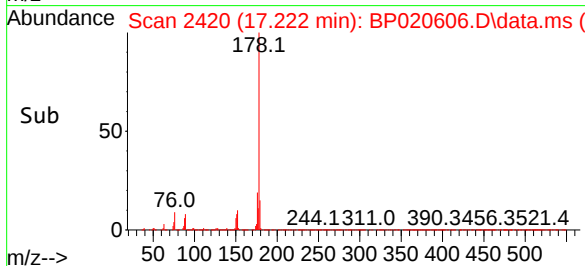
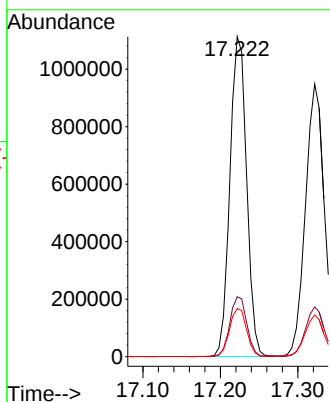
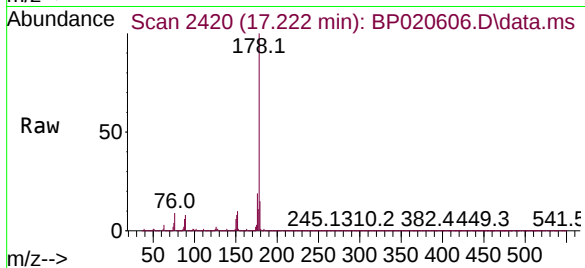
Tgt Ion:178 Resp: 1672293

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.0 12.5 18.7



#72

Anthracene

Concen: 24.968 ng

RT: 17.322 min Scan# 2437

Delta R.T. -0.024 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

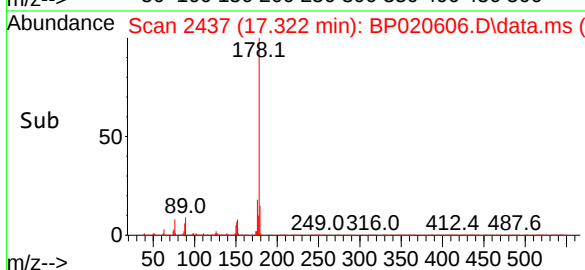
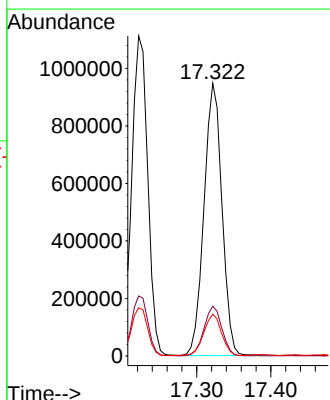
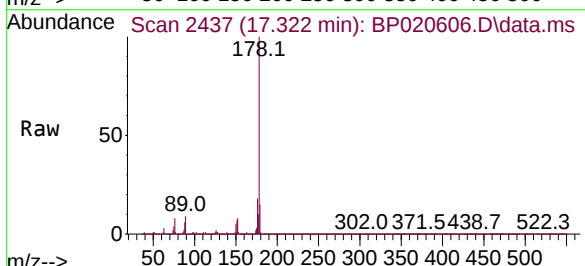
Tgt Ion:178 Resp: 1597315

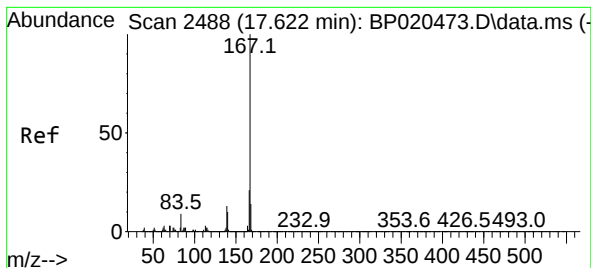
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.3 12.2 18.4





#73

Carbazole

Concen: 23.098 ng

RT: 17.604 min Scan# 2488

Delta R.T. -0.018 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

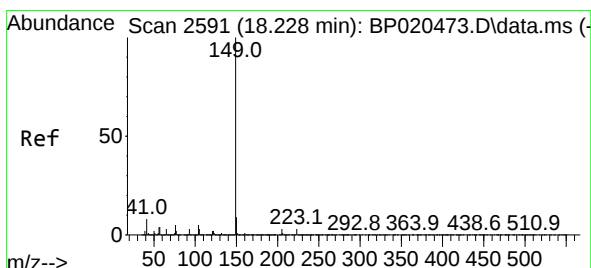
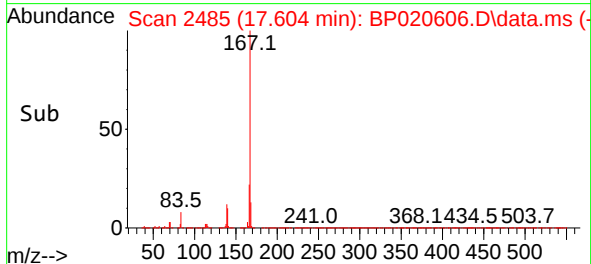
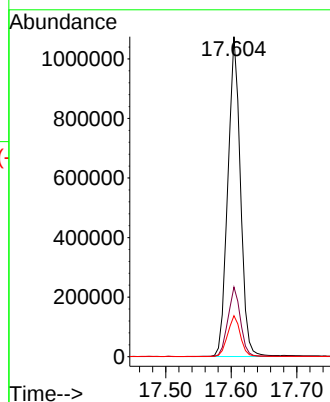
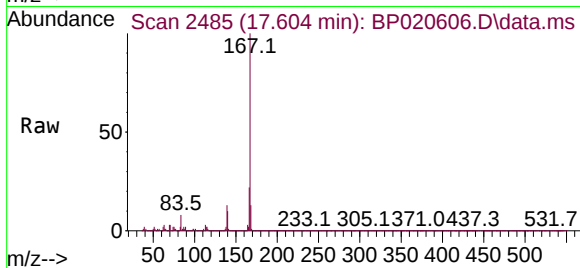
Tgt Ion:167 Resp: 1429330

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.8 10.5 15.7



#74

Di-n-butylphthalate

Concen: 22.964 ng

RT: 18.198 min Scan# 2586

Delta R.T. -0.030 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

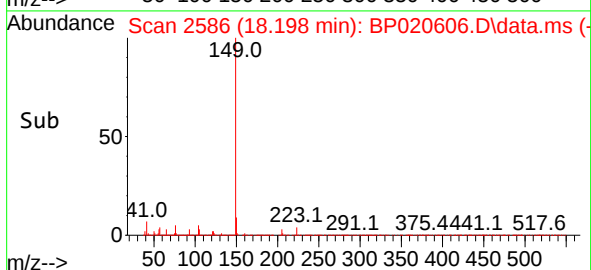
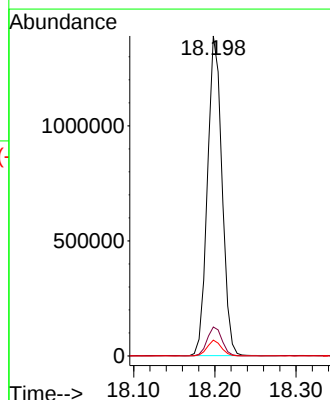
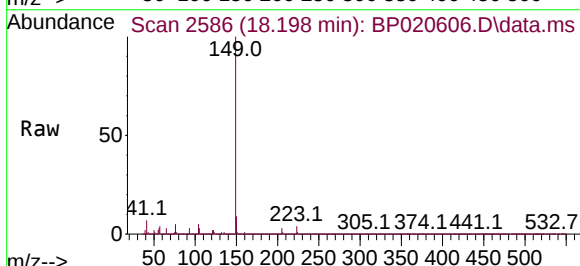
Tgt Ion:149 Resp: 1720921

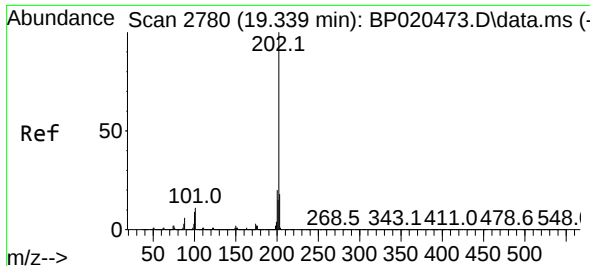
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.9 4.2 6.2

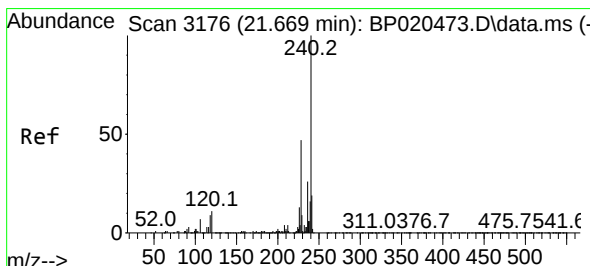
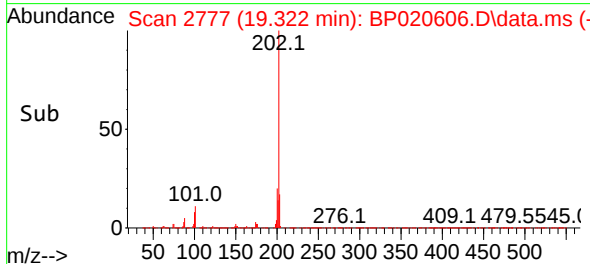
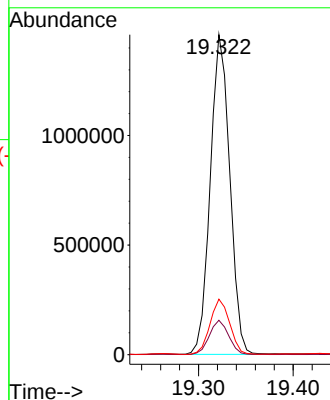
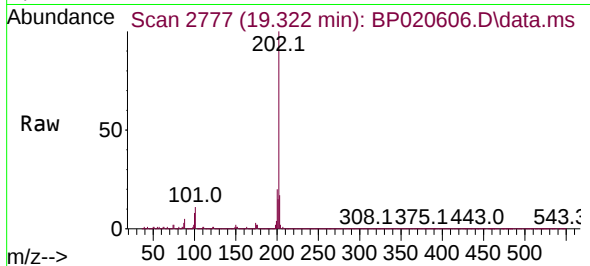




#75
Fluoranthene
Concen: 27.026 ng
RT: 19.322 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

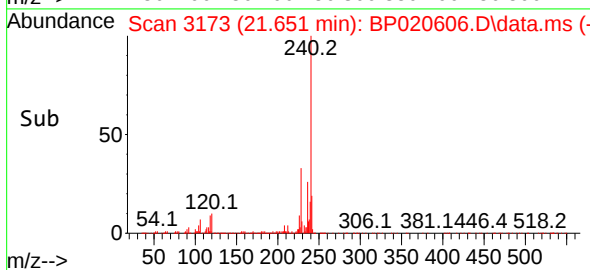
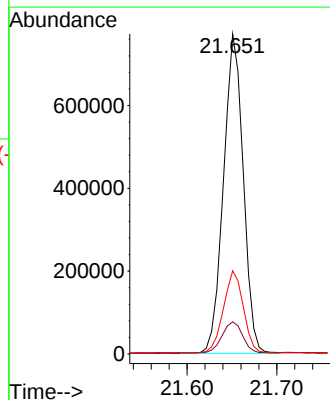
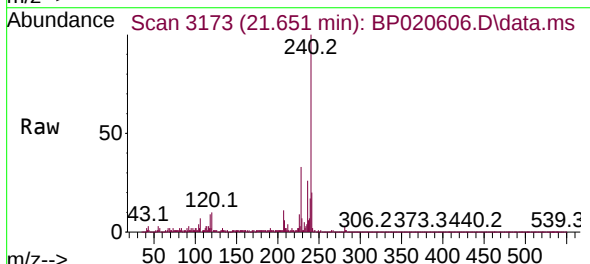
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

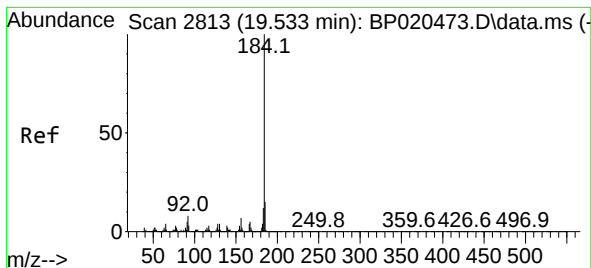
Tgt Ion:202 Resp: 2084549
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:240 Resp: 1179091
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 26.0 20.5 30.7





#77

Benzidine

Concen: 16.867 ng

RT: 19.522 min Scan# 2811

Delta R.T. -0.012 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

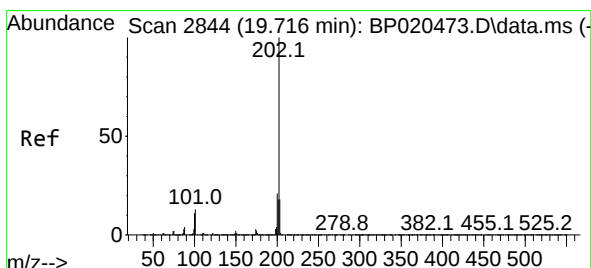
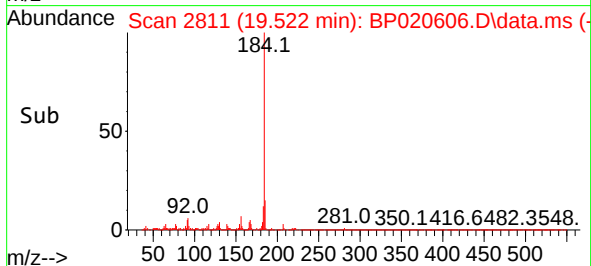
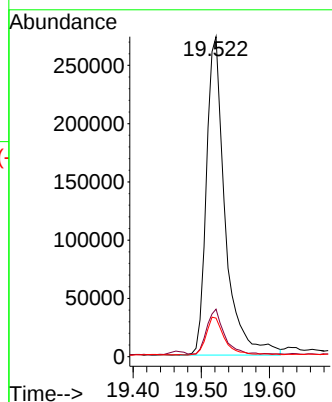
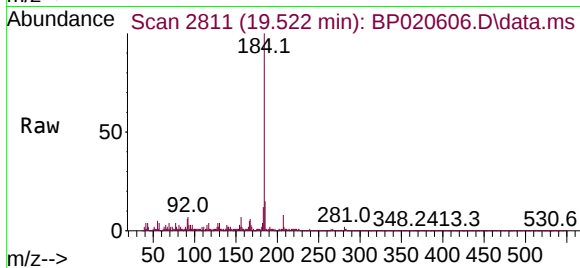
Tgt Ion:184 Resp: 521646

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

183 12.0 9.4 14.0



#78

Pyrene

Concen: 24.300 ng

RT: 19.698 min Scan# 2841

Delta R.T. -0.018 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

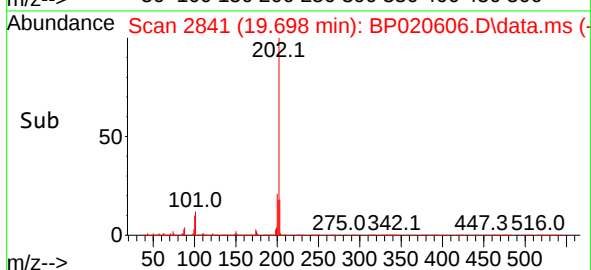
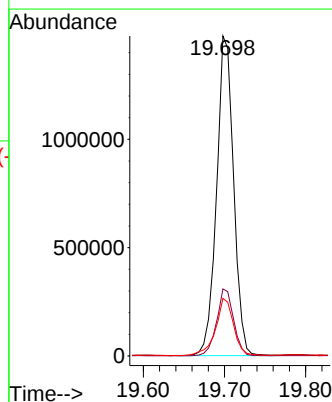
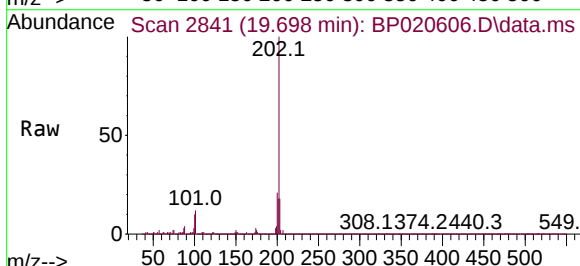
Tgt Ion:202 Resp: 2155145

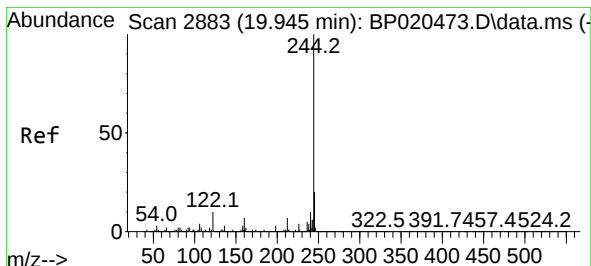
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 32.630 ng

RT: 19.921 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

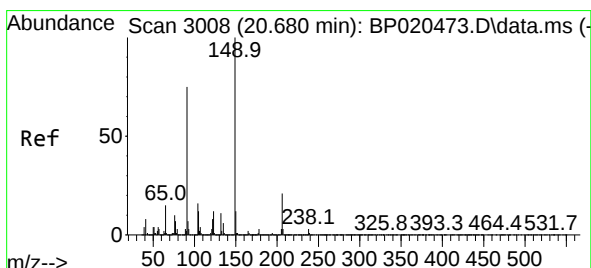
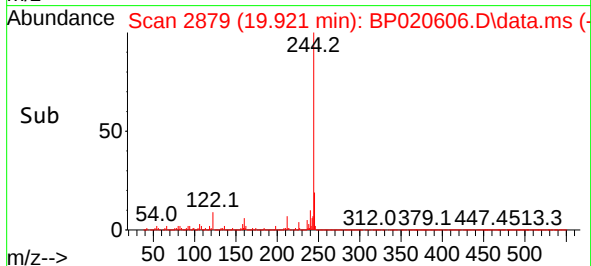
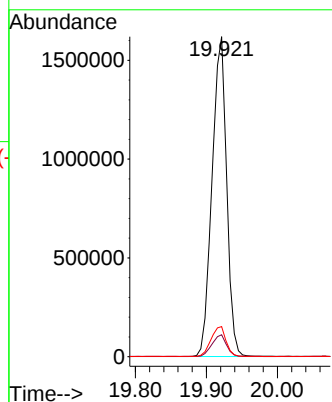
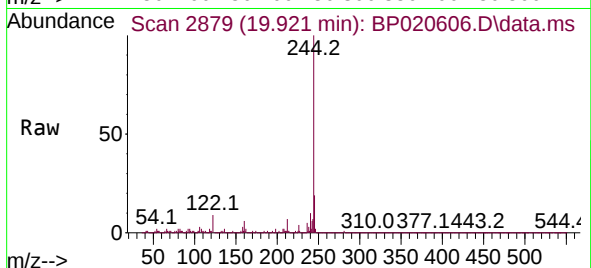
Tgt Ion:244 Resp: 2311107

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 22.647 ng

RT: 20.657 min Scan# 3004

Delta R.T. -0.023 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

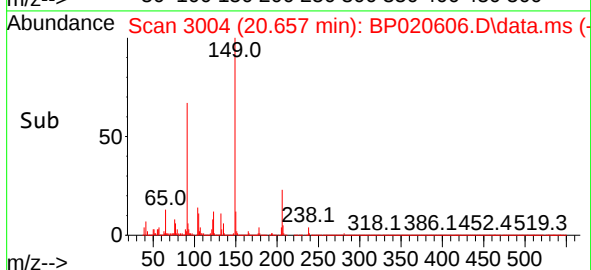
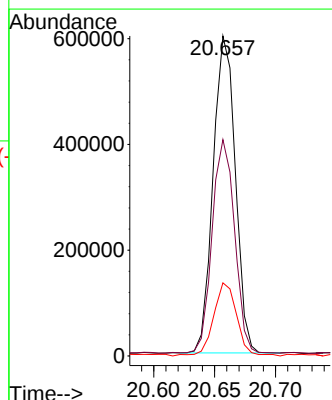
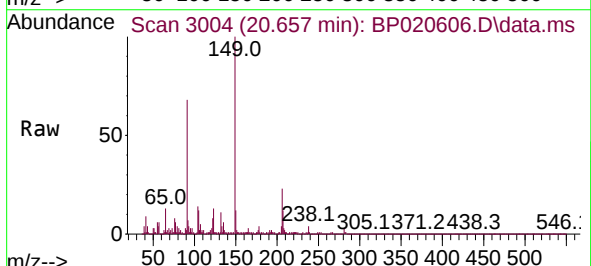
Tgt Ion:149 Resp: 760564

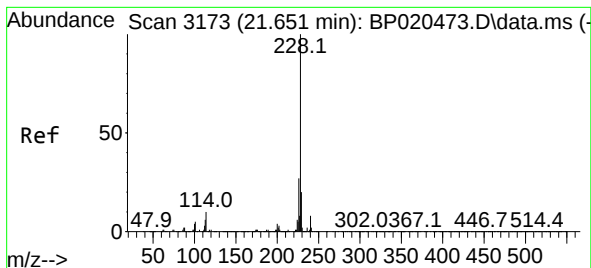
Ion Ratio Lower Upper

149 100

91 67.6 60.0 90.0

206 22.9 16.6 25.0





#81

Benzo(a)anthracene

Concen: 25.022 ng

RT: 21.633 min Scan# 3170

Delta R.T. -0.018 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

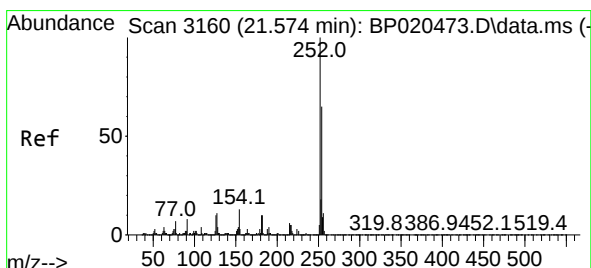
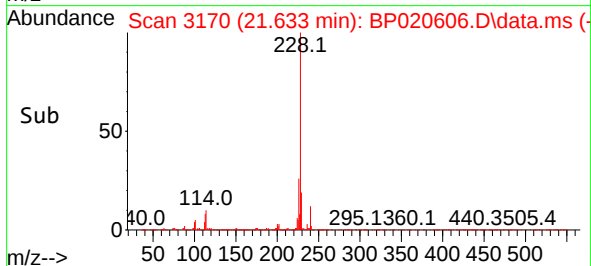
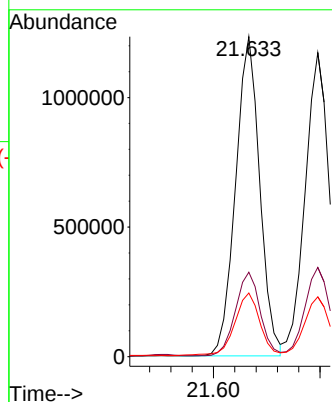
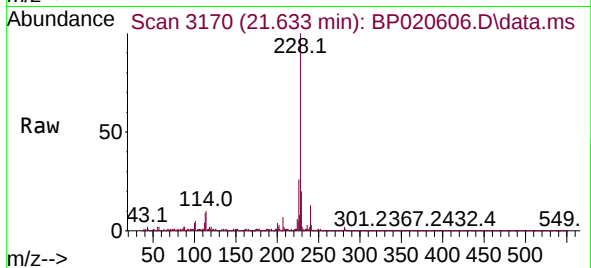
Tgt Ion:228 Resp: 1942605

Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 24.177 ng

RT: 21.551 min Scan# 3156

Delta R.T. -0.023 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

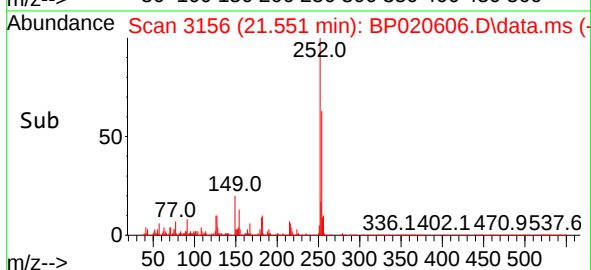
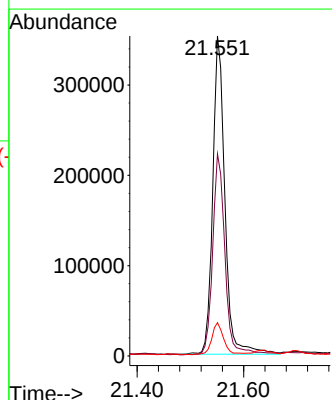
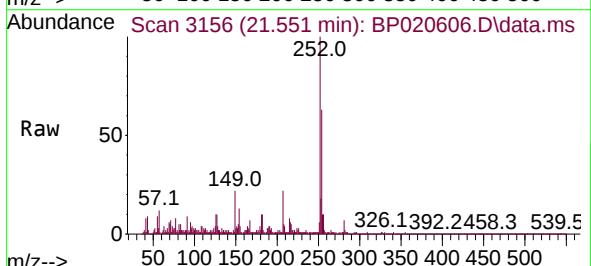
Tgt Ion:252 Resp: 557981

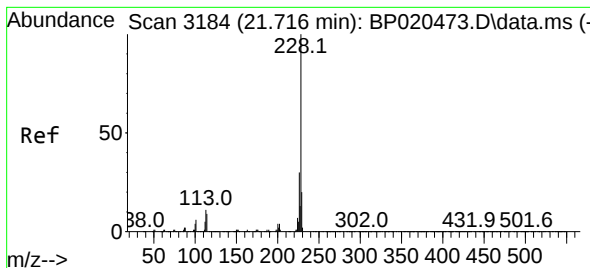
Ion Ratio Lower Upper

252 100

254 63.2 51.7 77.5

126 10.4 8.3 12.5





#83

Chrysene

Concen: 25.246 ng

RT: 21.698 min Scan# 3184

Delta R.T. -0.018 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

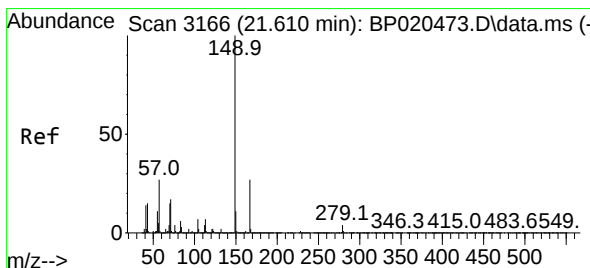
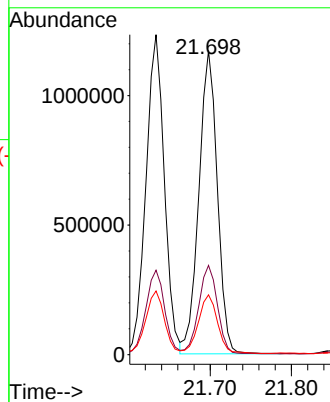
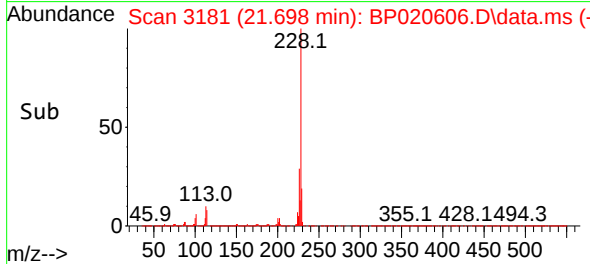
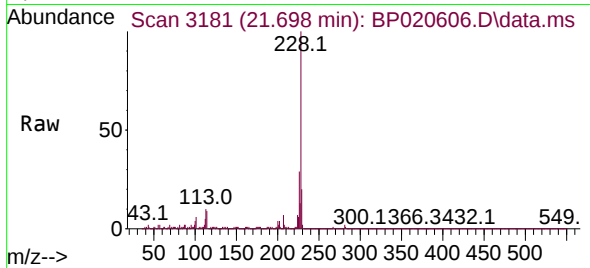
Tgt Ion:228 Resp: 1846885

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.857 ng

RT: 21.568 min Scan# 3159

Delta R.T. -0.041 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

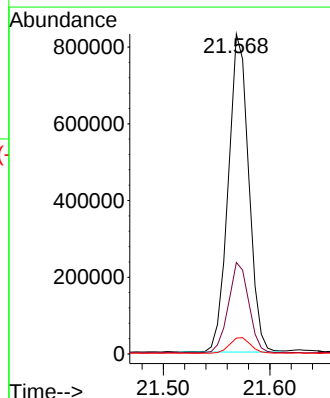
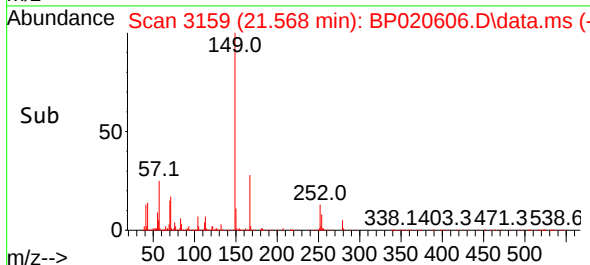
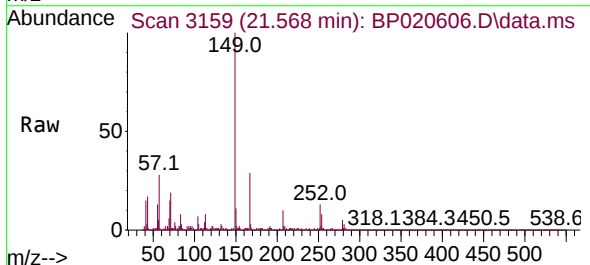
Tgt Ion:149 Resp: 1103233

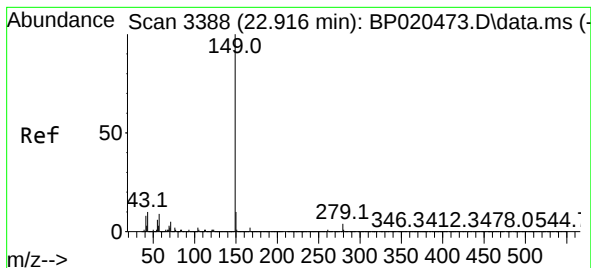
Ion Ratio Lower Upper

149 100

167 28.6 21.8 32.6

279 4.9 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 26.562 ng

RT: 22.863 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

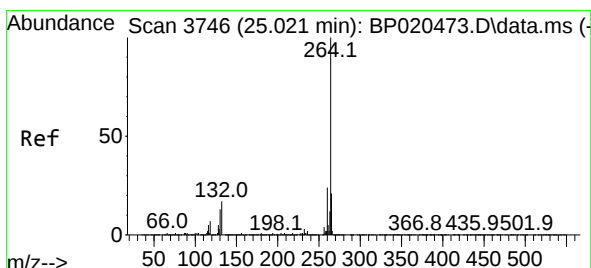
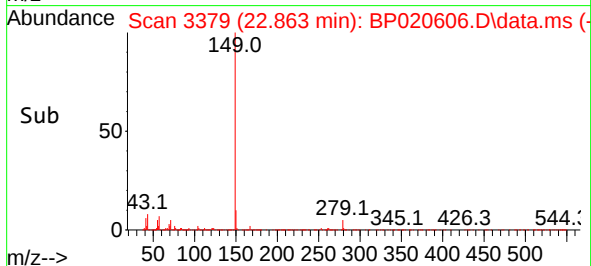
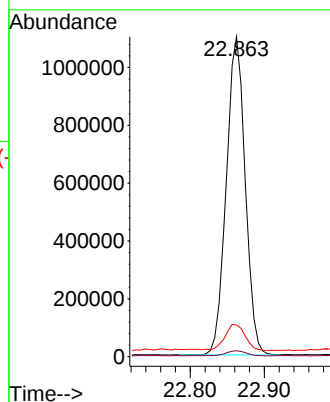
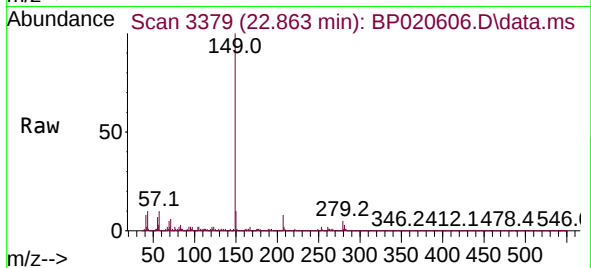
Tgt Ion:149 Resp: 1948654

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.009 min Scan# 3744

Delta R.T. -0.012 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

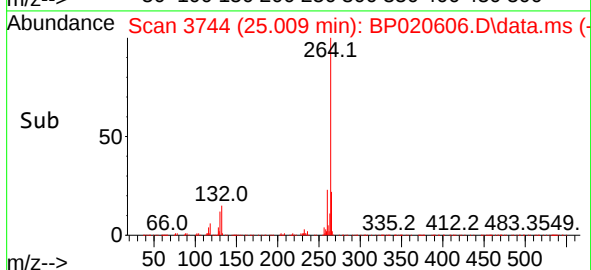
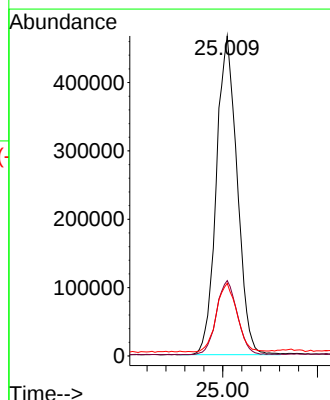
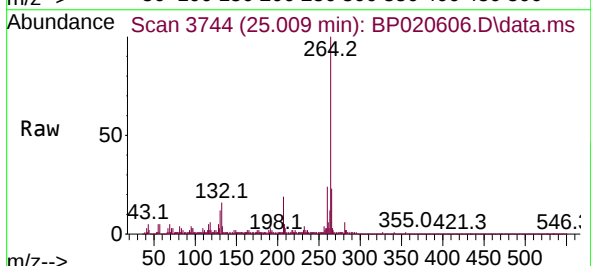
Tgt Ion:264 Resp: 1420844

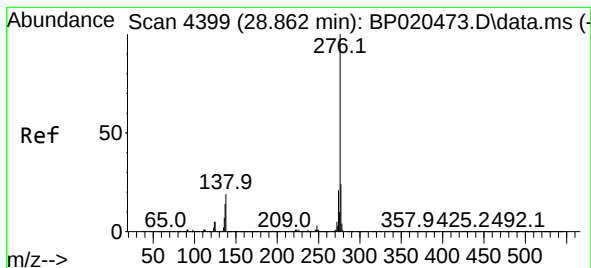
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 26.205 ng

RT: 28.839 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

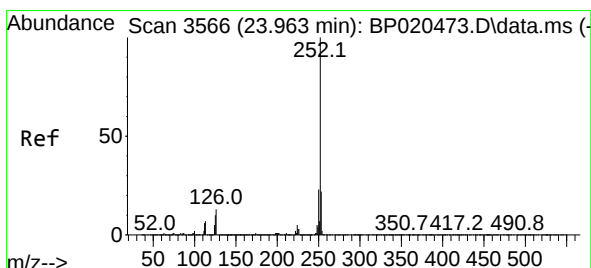
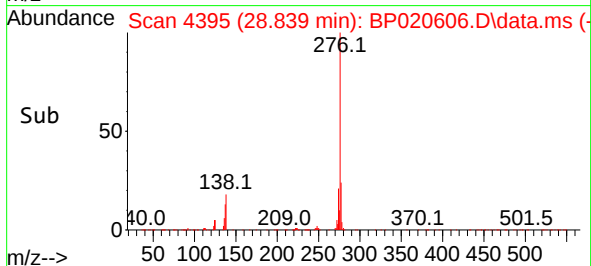
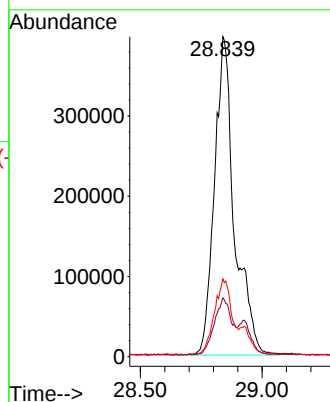
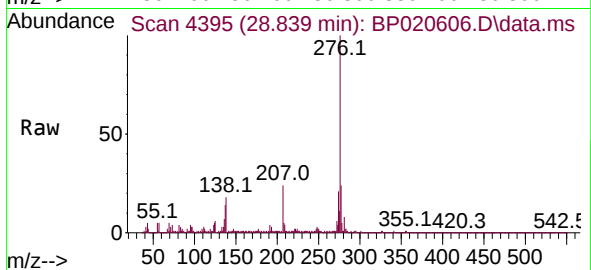
Tgt Ion:276 Resp: 2264148

Ion Ratio Lower Upper

276 100

138 15.8 12.8 19.2

277 20.5 15.6 23.4



#88

Benzo(b)fluoranthene

Concen: 22.150 ng

RT: 23.945 min Scan# 3563

Delta R.T. -0.018 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

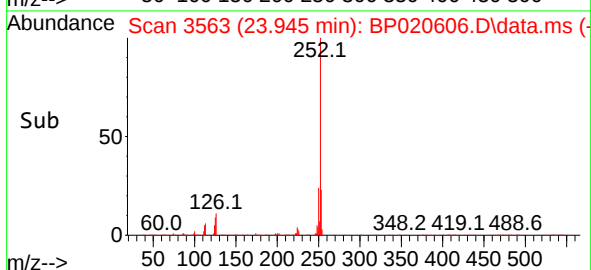
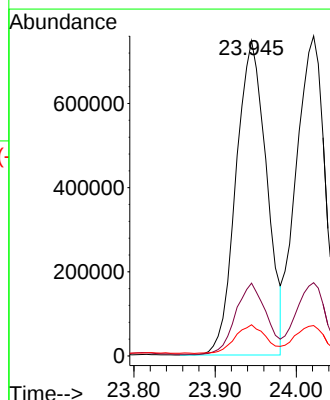
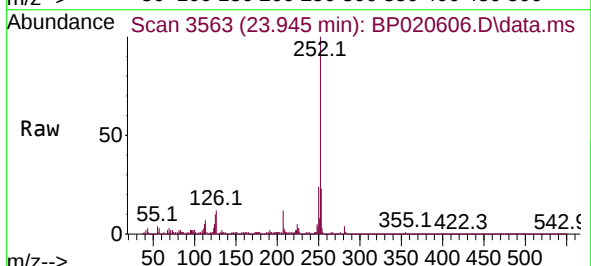
Tgt Ion:252 Resp: 1960593

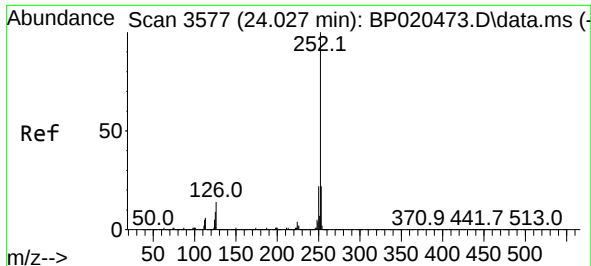
Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 9.9 8.0 12.0

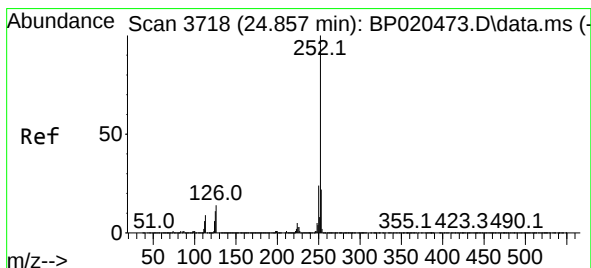
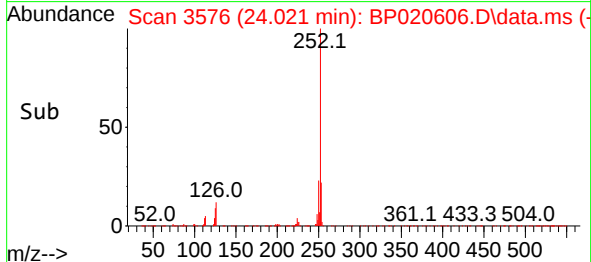
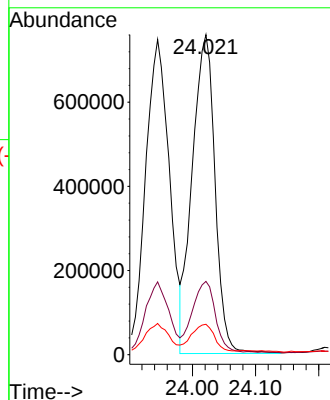
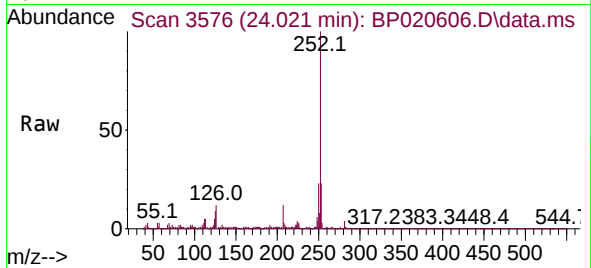




#89
Benzo(k)fluoranthene
Concen: 22.011 ng
RT: 24.021 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

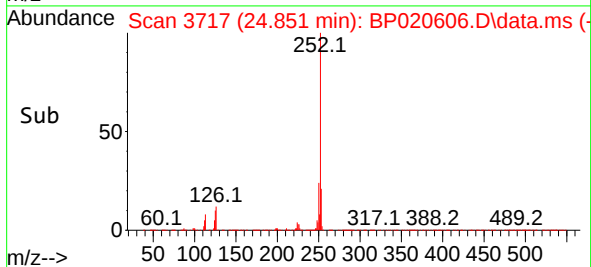
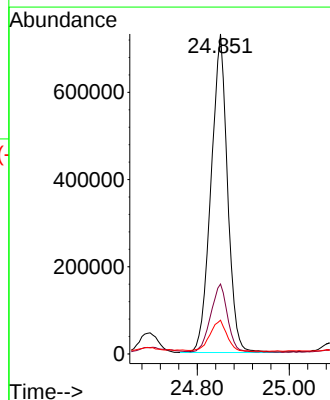
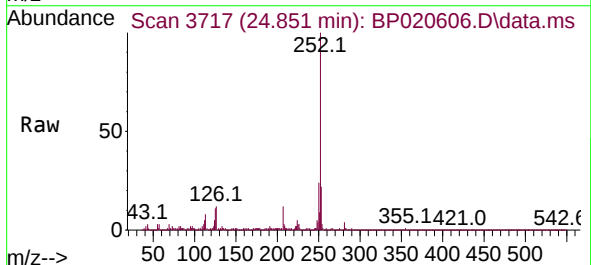
Instrument :
BNA_P
ClientSampleId :
TR-05-061024MSD

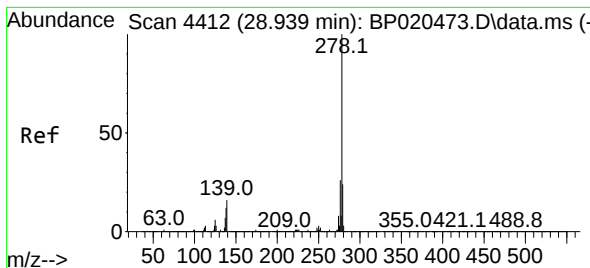
Tgt Ion:252 Resp: 1900224
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.5 7.8 11.6



#90
Benzo(a)pyrene
Concen: 24.766 ng
RT: 24.851 min Scan# 3717
Delta R.T. -0.006 min
Lab File: BP020606.D
Acq: 12 Jun 2024 18:57

Tgt Ion:252 Resp: 1815550
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.6 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 24.640 ng

RT: 28.927 min Scan# 4412

Delta R.T. -0.012 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Instrument :

BNA_P

ClientSampleId :

TR-05-061024MSD

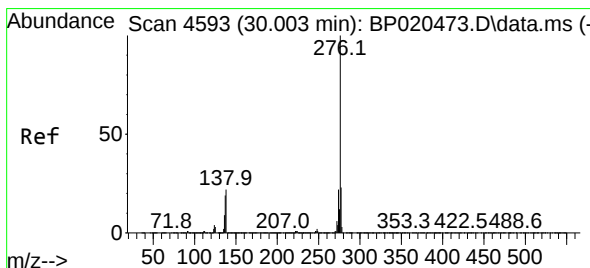
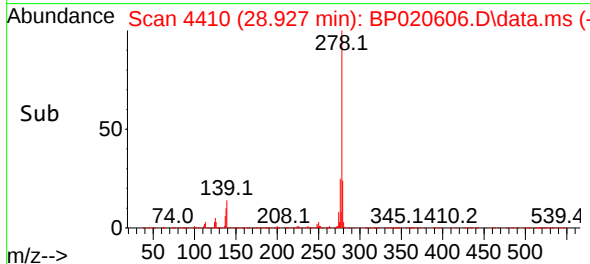
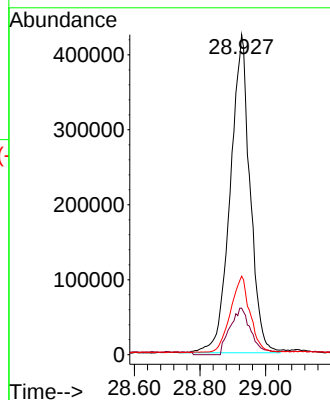
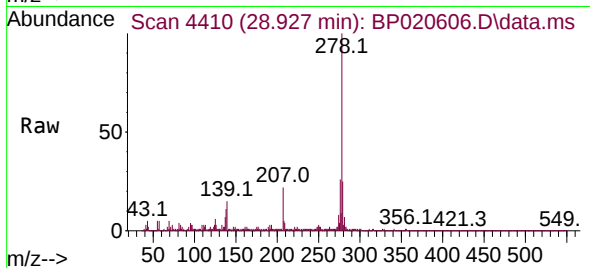
Tgt Ion:278 Resp: 1775720

Ion Ratio Lower Upper

278 100

139 14.6 13.0 19.4

279 24.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 24.623 ng

RT: 30.009 min Scan# 4594

Delta R.T. 0.006 min

Lab File: BP020606.D

Acq: 12 Jun 2024 18:57

Tgt Ion:276 Resp: 1773642

Ion Ratio Lower Upper

276 100

277 25.1 18.7 28.1

138 20.3 17.7 26.5

