

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138575.D
 Acq On : 15 Jul 2024 18:45
 Operator : CG\JU
 Sample : P3228-01MS 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-DIS-01-07112024MS

Quant Time: Jul 16 00:48:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	91984	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	322560	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	141607	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	227970	20.000	ng	0.00
76) Chrysene-d12	14.027	240	129940	20.000	ng	0.00
86) Perylene-d12	15.498	264	109438	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	283341	48.785	ng	0.00
7) Phenol-d6	6.504	99	361081	46.734	ng	0.00
23) Nitrobenzene-d5	7.428	82	229512	34.935	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	58886	44.494	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	354376	39.112	ng	0.00
79) Terphenyl-d14	12.968	244	322021	40.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	53611	20.842	ng	99
3) Pyridine	3.428	79	132137	20.830	ng	99
4) n-Nitrosodimethylamine	3.381	42	103686	25.109	ng	92
6) Aniline	6.528	93	91884	12.697	ng	95
8) 2-Chlorophenol	6.651	128	154617	25.177	ng	97
9) Benzaldehyde	6.416	77	18093	4.375	ng	95
10) Phenol	6.516	94	200278	24.421	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	159367	25.810	ng	98
12) 1,3-Dichlorobenzene	6.804	146	165704	24.004	ng	98
13) 1,4-Dichlorobenzene	6.886	146	169030	24.113	ng	99
14) 1,2-Dichlorobenzene	7.034	146	155589	23.831	ng	96
15) Benzyl Alcohol	7.010	79	142284	24.539	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	299810	24.691	ng	92
17) 2-Methylphenol	7.122	107	120034	23.849	ng	97
18) Hexachloroethane	7.375	117	58354	22.644	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	115792	24.254	ng	100
20) 3+4-Methylphenols	7.275	107	151003	23.825	ng	91
22) Acetophenone	7.275	105	200566	25.602	ng	98
24) Nitrobenzene	7.445	77	170267	25.503	ng	99
25) Isophorone	7.686	82	301189	26.696	ng	99
26) 2-Nitrophenol	7.763	139	74882	26.169	ng	97
27) 2,4-Dimethylphenol	7.804	122	98003	27.866	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	183981	27.286	ng	97
29) 2,4-Dichlorophenol	8.010	162	111157	24.339	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	127995	24.058	ng	98
31) Naphthalene	8.169	128	411987	24.559	ng	100
32) Benzoic acid	7.904	122	48010	14.313	ng	97
33) 4-Chloroaniline	8.222	127	66986	11.380	ng	96
34) Hexachlorobutadiene	8.281	225	79693	24.325	ng	99
35) Caprolactam	8.569	113	29242	19.842	ng	# 87
36) 4-Chloro-3-methylphenol	8.704	107	105652	20.664	ng	97
37) 2-Methylnaphthalene	8.857	142	245794	22.768	ng	99
38) 1-Methylnaphthalene	8.957	142	226654	21.512	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	101908	25.821	ng	99
41) Hexachlorocyclopentadiene	9.010	237	7193	5.615	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	64941	25.796	ng	98

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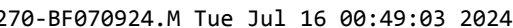
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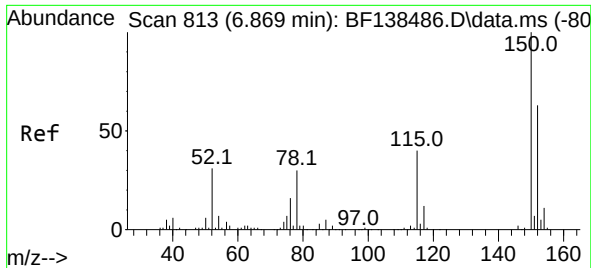
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	62890	22.713	ng	98
46) 1,1'-Biphenyl	9.322	154	278317	25.934	ng	100
47) 2-Chloronaphthalene	9.351	162	209616	25.855	ng	97
48) 2-Nitroaniline	9.445	65	74730	26.600	ng	96
49) Acenaphthylene	9.763	152	310967	27.016	ng	99
50) Dimethylphthalate	9.622	163	263166	28.741	ng	98
51) 2,6-Dinitrotoluene	9.686	165	52364	24.837	ng	100
52) Acenaphthene	9.933	154	188634	24.654	ng	98
53) 3-Nitroaniline	9.851	138	44074	20.397	ng	# 92
54) 2,4-Dinitrophenol	9.963	184	3540	7.614	ng	94
55) Dibenzofuran	10.104	168	280506	25.276	ng	99
56) 4-Nitrophenol	10.022	139	64601	40.518	ng	98
57) 2,4-Dinitrotoluene	10.086	165	61561	22.568	ng	99
58) Fluorene	10.451	166	212019	24.145	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	47884	21.912	ng	# 99
60) Diethylphthalate	10.316	149	232120	26.296	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	108859	24.688	ng	95
62) 4-Nitroaniline	10.463	138	46805	21.616	ng	99
63) Azobenzene	10.598	77	222332	23.427	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	5184	3.938	ng	88
66) n-Nitrosodiphenylamine	10.557	169	184403	26.998	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	60358	25.760	ng	95
68) Hexachlorobenzene	10.998	284	60939	23.411	ng	# 91
69) Atrazine	11.086	200	57786	25.518	ng	97
70) Pentachlorophenol	11.192	266	56408	36.622	ng	98
71) Phenanthrene	11.410	178	322517	28.003	ng	100
72) Anthracene	11.463	178	312701	27.351	ng	100
73) Carbazole	11.621	167	273858	26.655	ng	99
74) Di-n-butylphthalate	11.945	149	336635	28.425	ng	99
75) Fluoranthene	12.598	202	361517	30.762	ng	98
77) Benzidine	12.727	184	9758	2.976	ng	# 80
78) Pyrene	12.827	202	360142	27.303	ng	99
80) Butylbenzylphthalate	13.445	149	136189	34.322	ng	98
81) Benzo(a)anthracene	14.015	228	244556	28.049	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	46898	20.875	ng	97
83) Chrysene	14.051	228	227365	27.565	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	172683	40.805	ng	98
85) Di-n-octyl phthalate	14.615	149	245216	36.679	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	170016	23.128	ng	99
88) Benzo(b)fluoranthene	15.068	252	181709	29.483	ng	98
89) Benzo(k)fluoranthene	15.092	252	159952	26.610	ng	96
90) Benzo(a)pyrene	15.433	252	151694	28.018	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	135341	22.507	ng	99
92) Benzo(g,h,i)perylene	17.421	276	123613	19.386	ng	96

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

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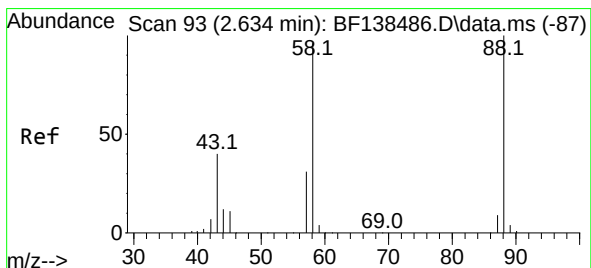
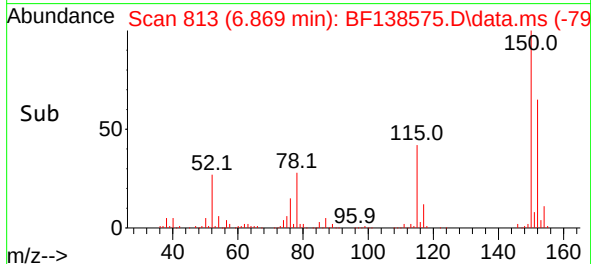
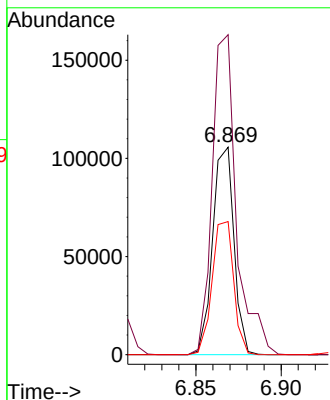
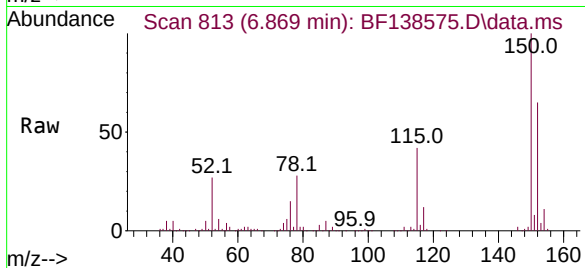




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

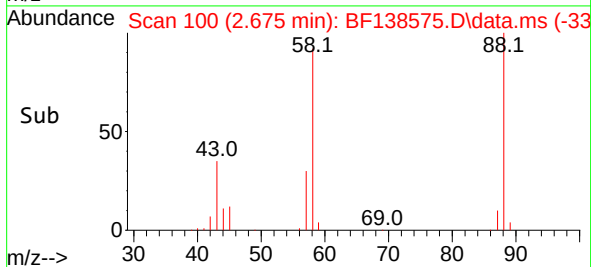
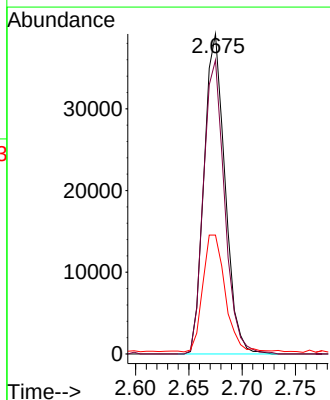
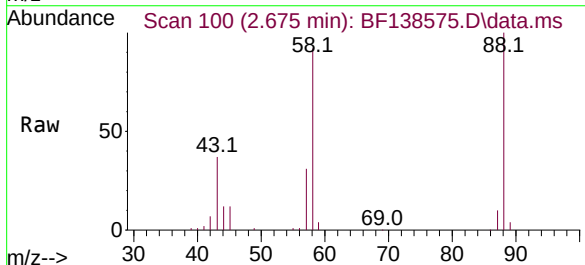
Instrument :
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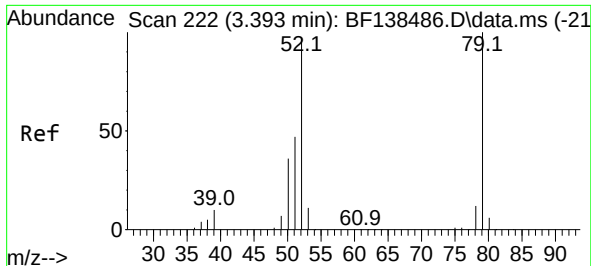
Tgt Ion:152 Resp: 91984
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.4
115 64.1 50.3 75.5



#2
1,4-Dioxane
Concen: 20.842 ng
RT: 2.675 min Scan# 100
Delta R.T. 0.041 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion: 88 Resp: 53611
Ion Ratio Lower Upper
88 100
58 92.6 74.6 112.0
43 39.8 31.8 47.6





#3

Pyridine

Concen: 20.830 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

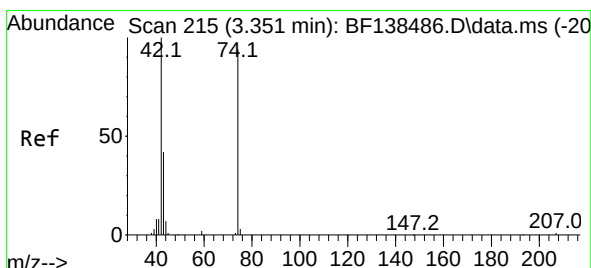
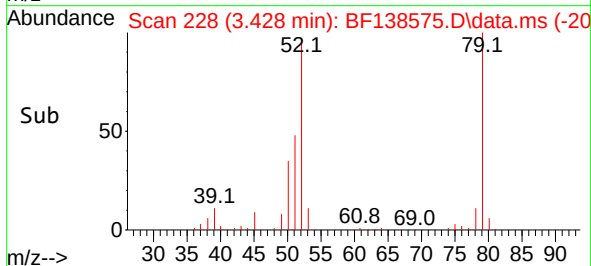
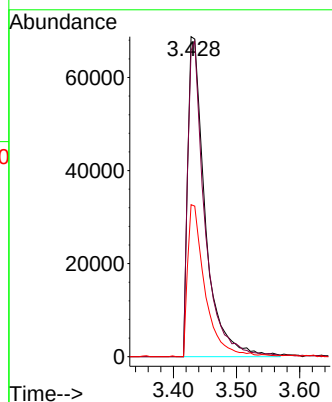
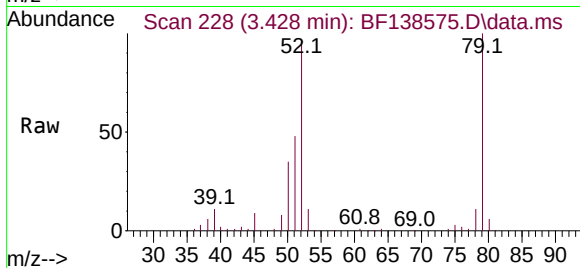
Tgt Ion: 79 Resp: 132137

Ion Ratio Lower Upper

79 100

52 95.6 77.4 116.2

51 47.5 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 25.109 ng

RT: 3.381 min Scan# 220

Delta R.T. 0.029 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

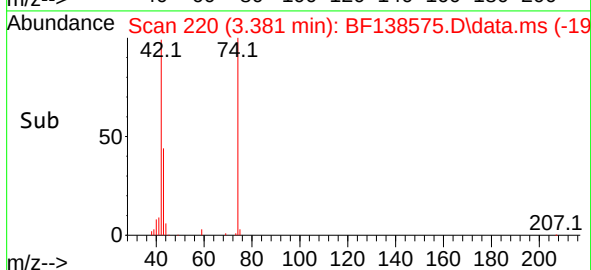
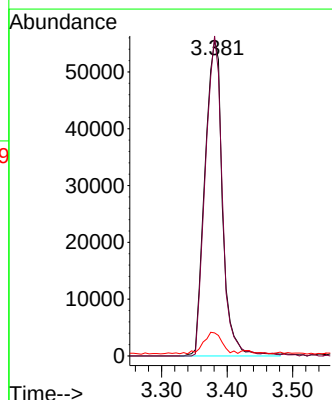
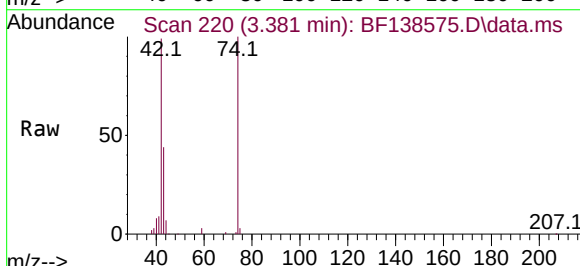
Tgt Ion: 42 Resp: 103686

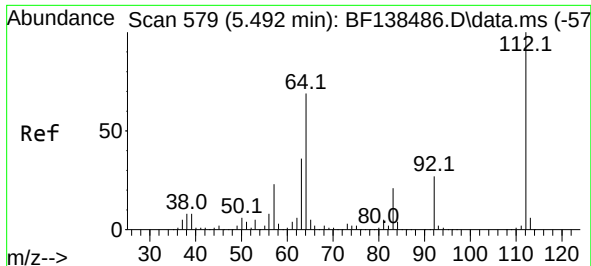
Ion Ratio Lower Upper

42 100

74 101.5 75.0 112.6

44 7.3 5.4 8.2

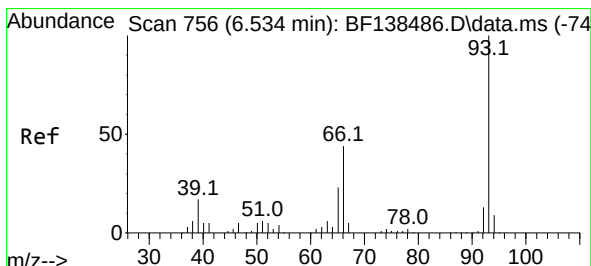
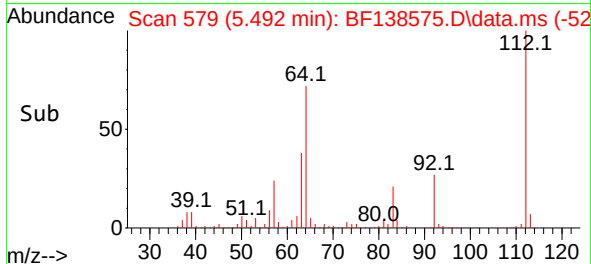
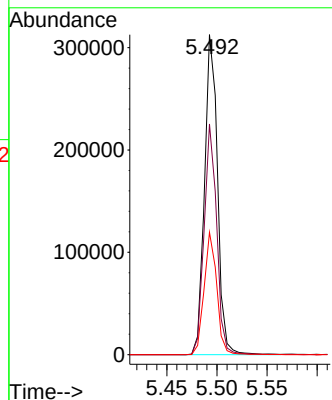
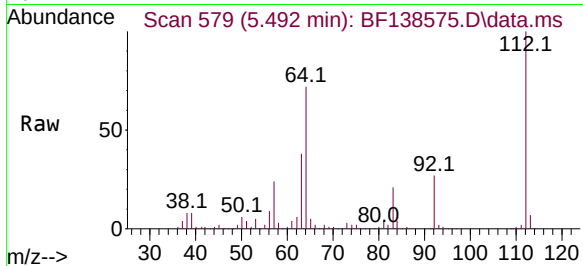




#5
2-Fluorophenol
Concen: 48.785 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

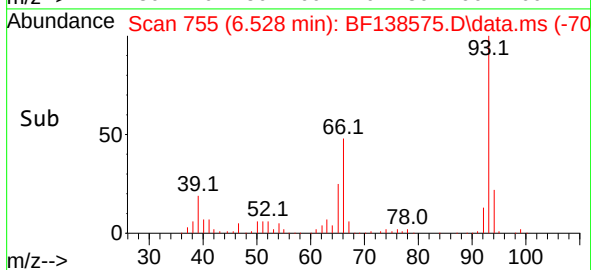
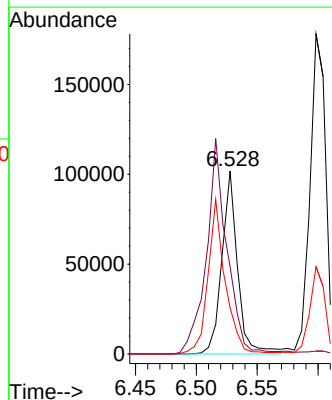
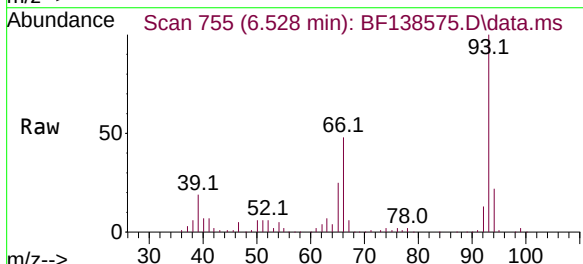
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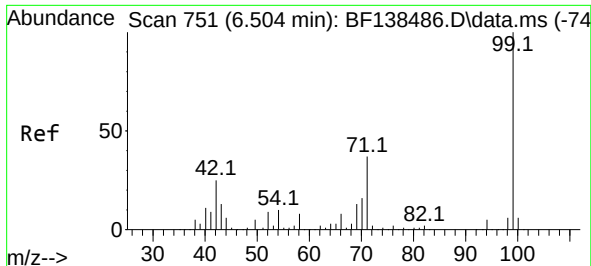
Tgt Ion:112 Resp: 283341
Ion Ratio Lower Upper
112 100
64 72.1 55.1 82.7
63 38.2 29.0 43.6



#6
Aniline
Concen: 12.697 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion: 93 Resp: 91884
Ion Ratio Lower Upper
93 100
66 47.6 35.4 53.0
65 25.2 18.6 27.8





#7

Phenol-d6

Concen: 46.734 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

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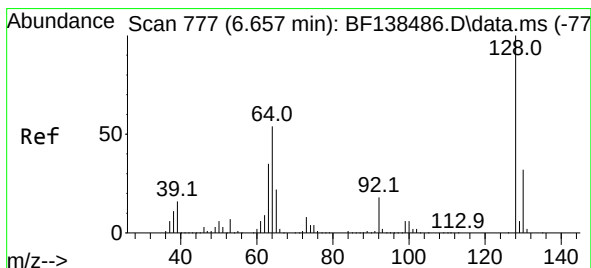
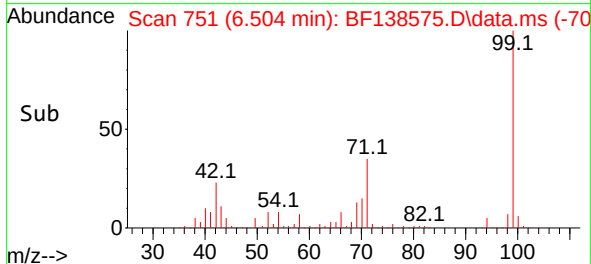
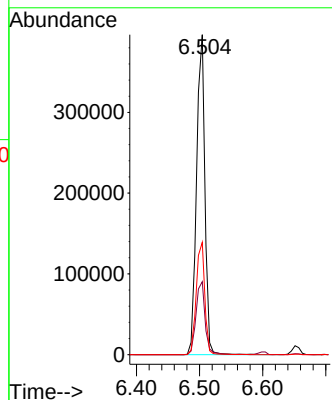
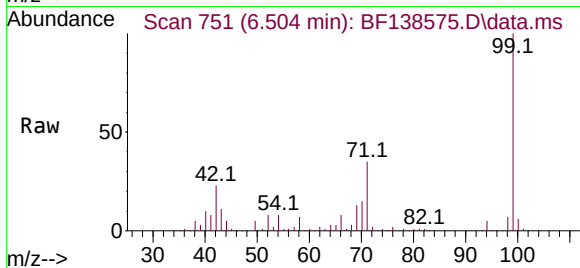
Tgt Ion: 99 Resp: 361081

Ion Ratio Lower Upper

99 100

42 22.8 19.7 29.5

71 35.1 29.9 44.9



#8

2-Chlorophenol

Concen: 25.177 ng

RT: 6.651 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

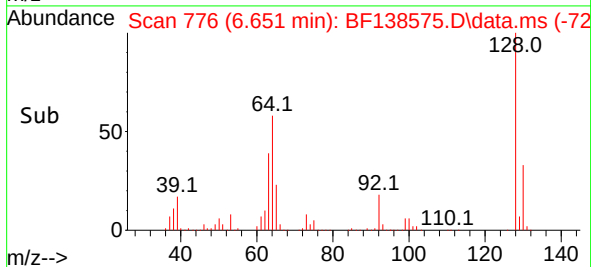
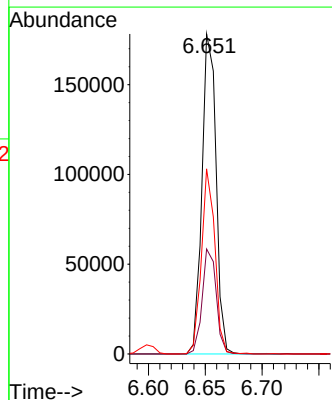
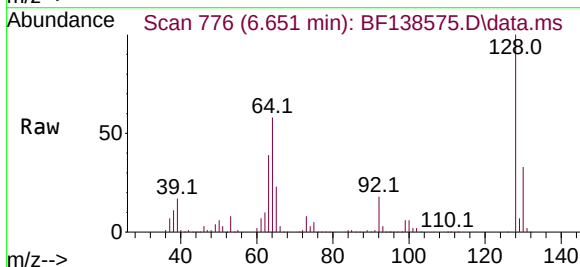
Tgt Ion:128 Resp: 154617

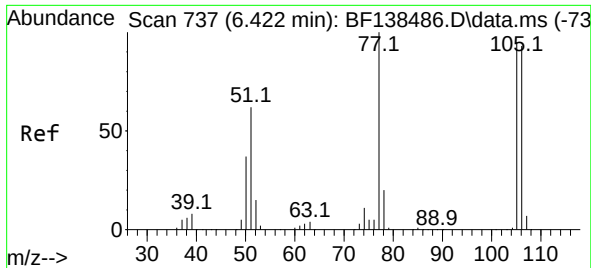
Ion Ratio Lower Upper

128 100

130 32.8 12.1 52.1

64 57.9 34.4 74.4





#9

Benzaldehyde

Concen: 4.375 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

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Instrument :

BNA_F

ClientSampleId :

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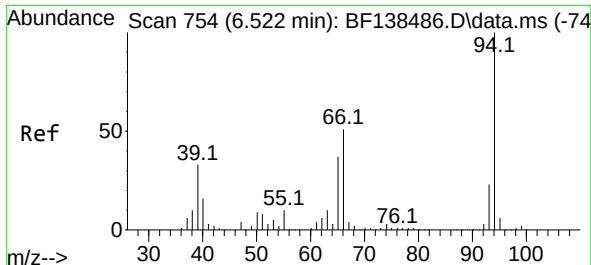
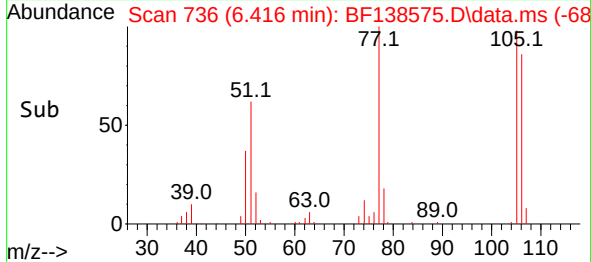
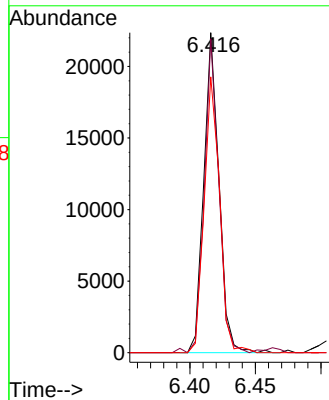
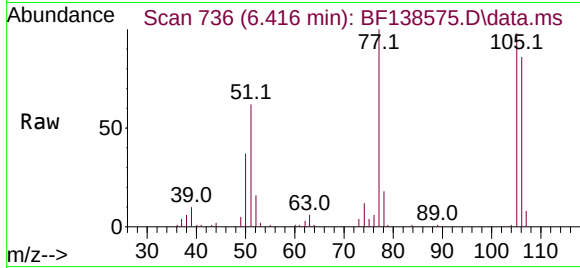
Tgt Ion: 77 Resp: 18093

Ion Ratio Lower Upper

77 100

105 98.1 75.1 115.1

106 86.2 73.2 113.2



#10

Phenol

Concen: 24.421 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

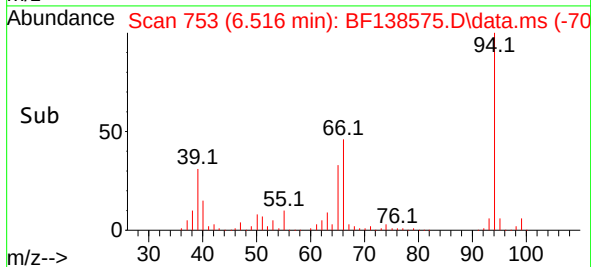
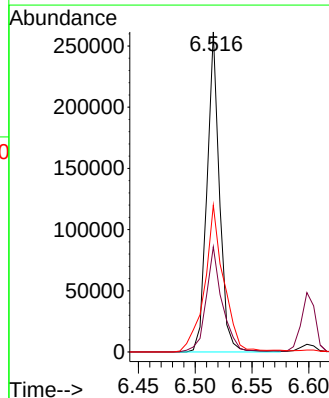
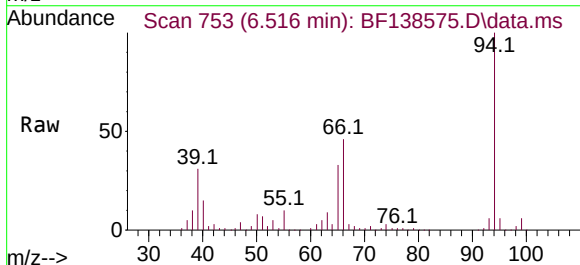
Tgt Ion: 94 Resp: 200278

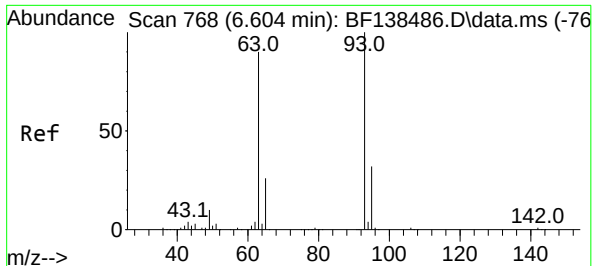
Ion Ratio Lower Upper

94 100

65 32.9 16.7 56.7

66 45.8 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 25.810 ng

RT: 6.598 min Scan# 767

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

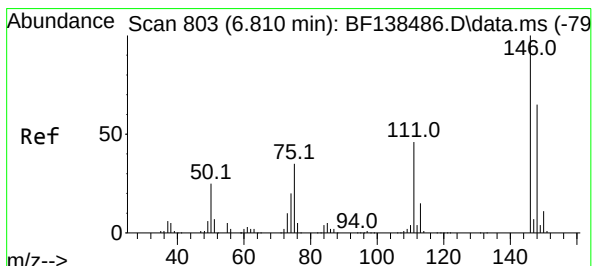
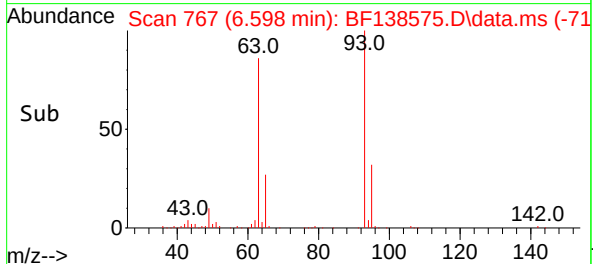
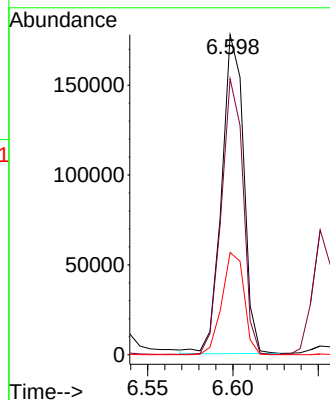
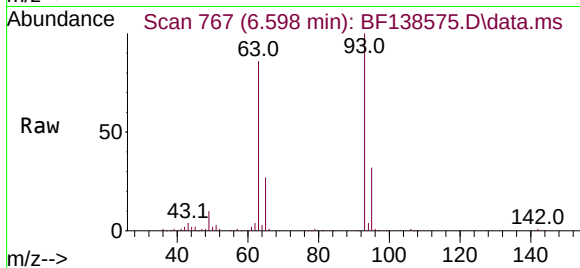
Tgt Ion: 93 Resp: 159367

Ion Ratio Lower Upper

93 100

63 86.2 68.8 108.8

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 24.004 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

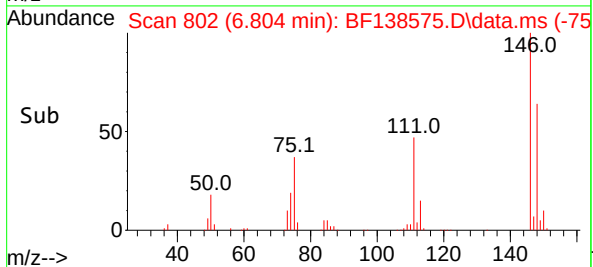
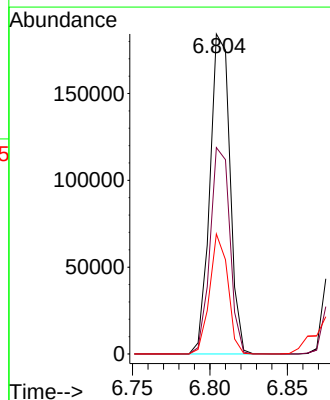
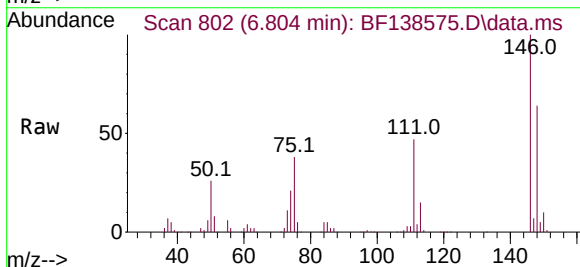
Tgt Ion: 146 Resp: 165704

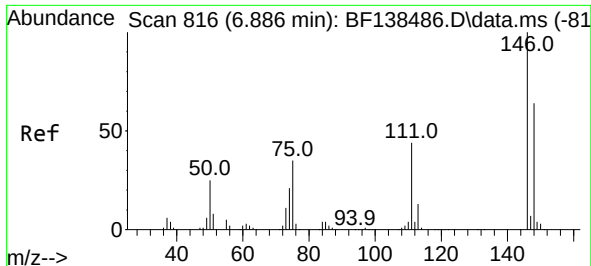
Ion Ratio Lower Upper

146 100

148 64.5 52.4 78.6

75 37.5 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 24.113 ng

RT: 6.886 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

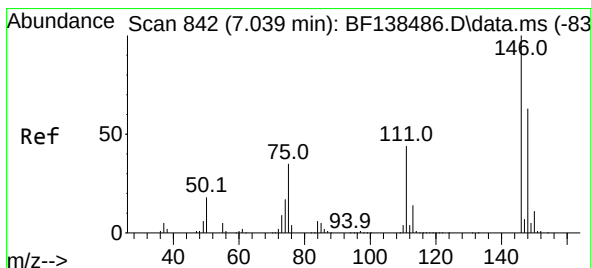
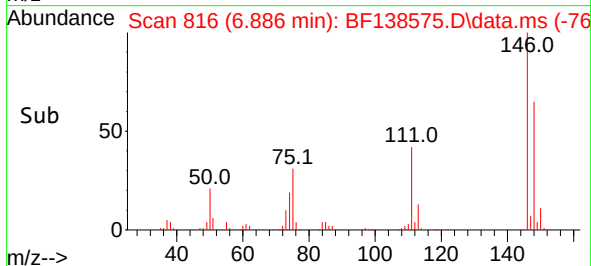
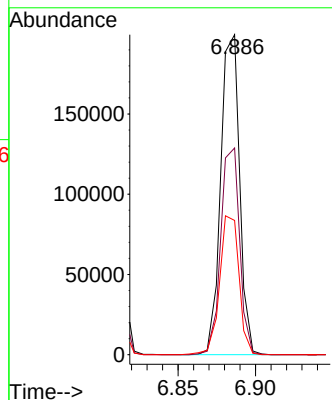
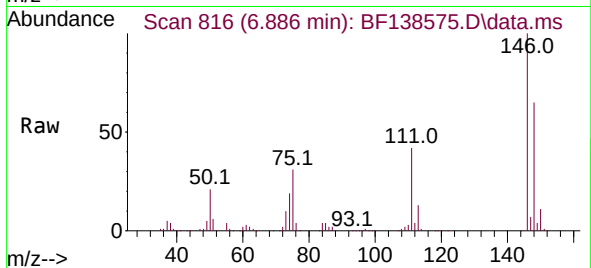
Tgt Ion:146 Resp: 169030

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

111 42.0 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 23.831 ng

RT: 7.034 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

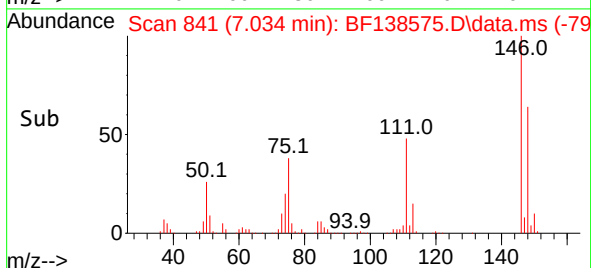
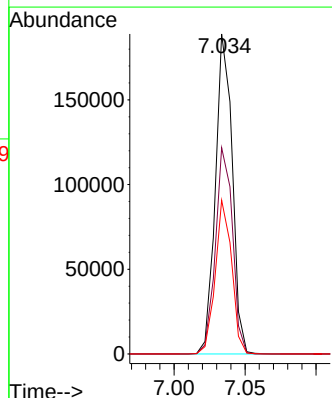
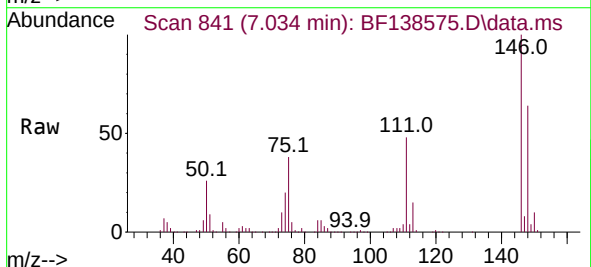
Tgt Ion:146 Resp: 155589

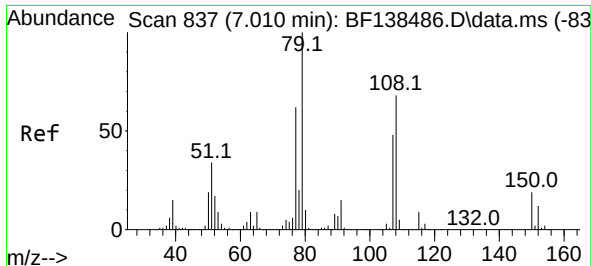
Ion Ratio Lower Upper

146 100

148 64.5 50.1 75.1

111 48.1 35.5 53.3

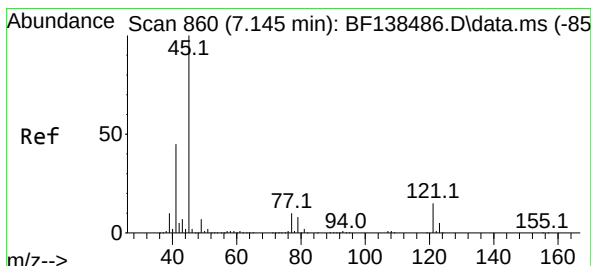
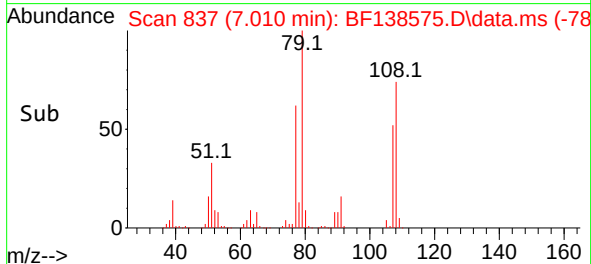
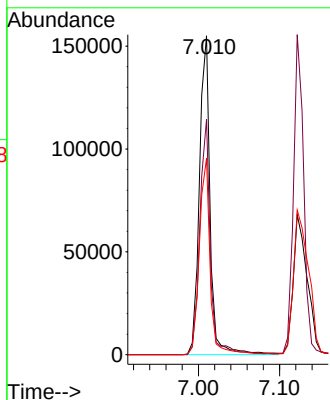
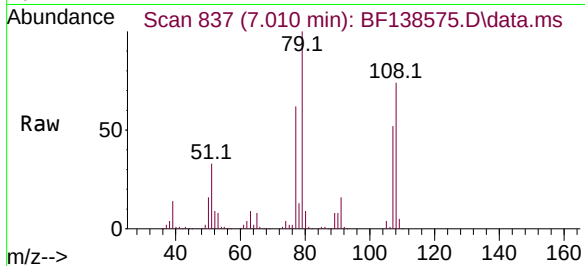




#15
Benzyl Alcohol
Concen: 24.539 ng
RT: 7.010 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

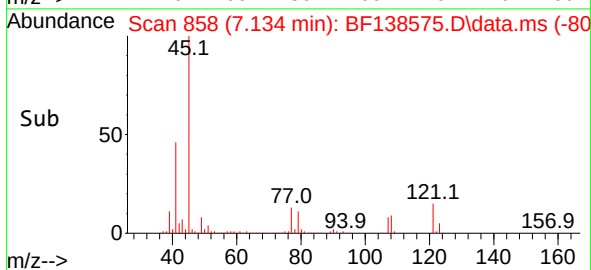
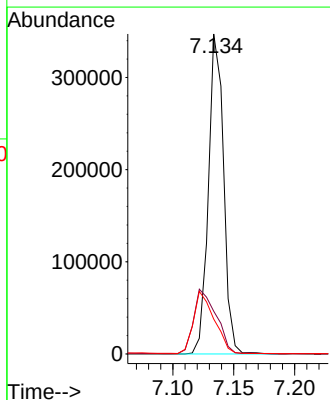
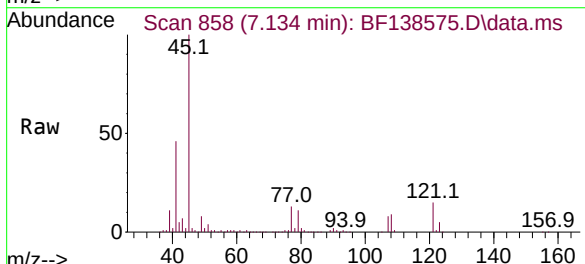
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

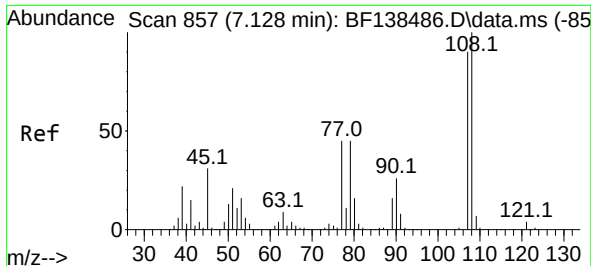
Tgt Ion: 79 Resp: 142284
Ion Ratio Lower Upper
79 100
108 73.8 54.3 81.5
77 61.6 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 24.691 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion: 45 Resp: 299810
Ion Ratio Lower Upper
45 100
77 13.4 0.0 30.4
79 10.9 0.0 28.1





#17

2-Methylphenol

Concen: 23.849 ng

RT: 7.122 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138575.D

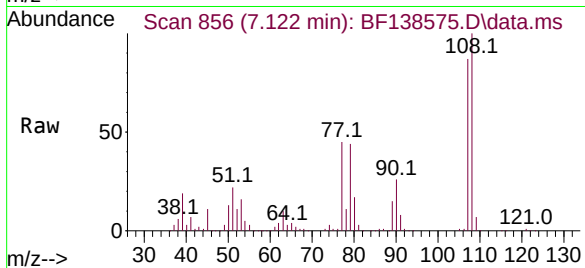
Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS



Tgt Ion:107 Resp: 120034

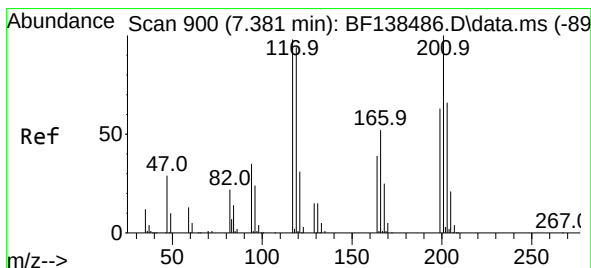
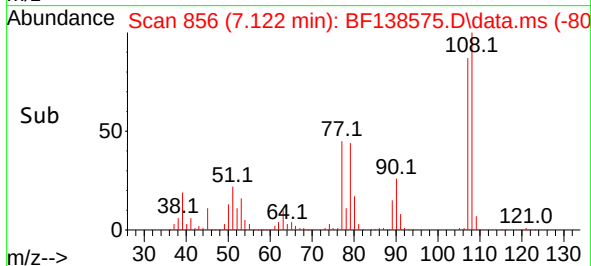
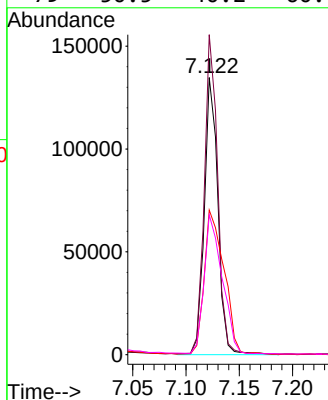
Ion Ratio Lower Upper

107 100

108 115.5 89.0 133.4

77 52.2 40.3 60.5

79 50.5 40.2 60.4



#18

Hexachloroethane

Concen: 22.644 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

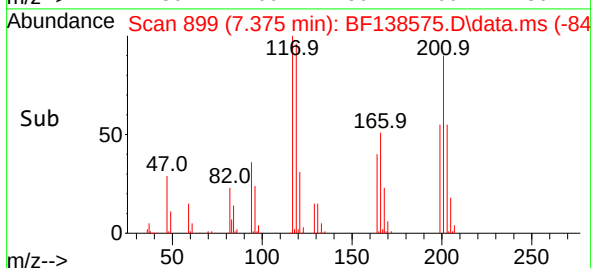
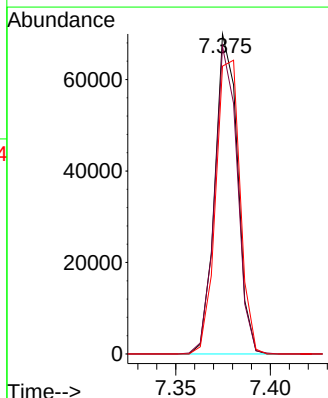
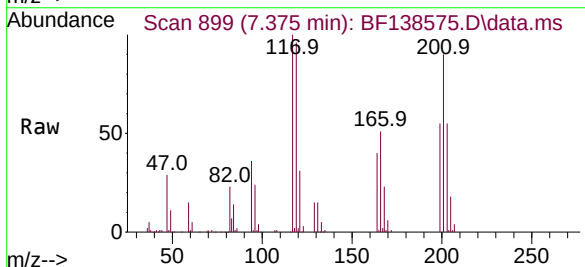
Tgt Ion:117 Resp: 58354

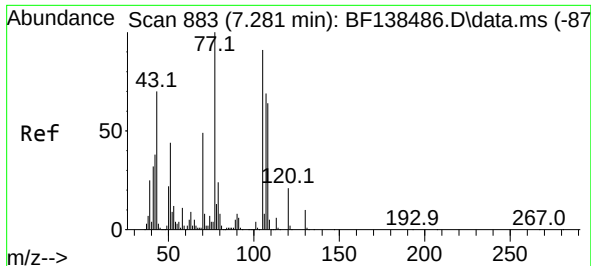
Ion Ratio Lower Upper

117 100

119 96.1 76.6 114.8

201 89.9 81.4 122.0

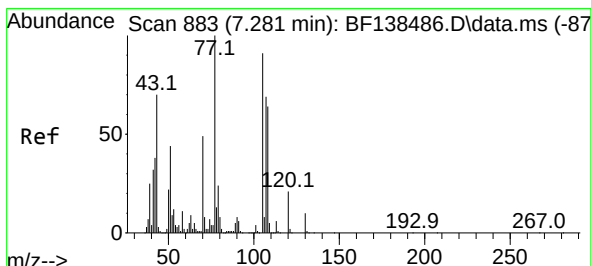
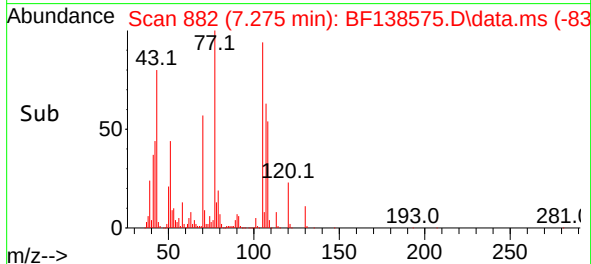
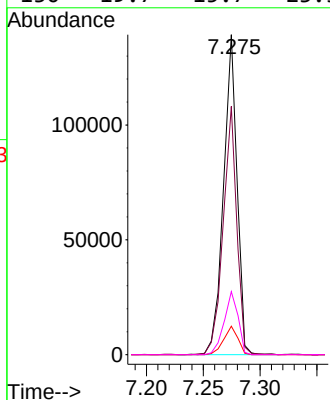
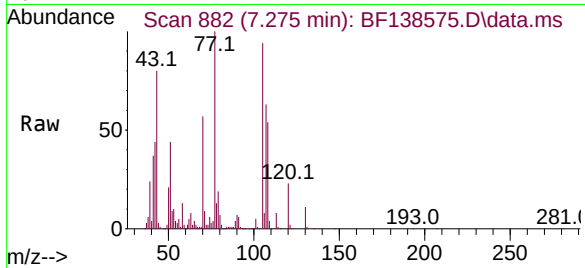




#19
n-Nitroso-di-n-propylamine
Concen: 24.254 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

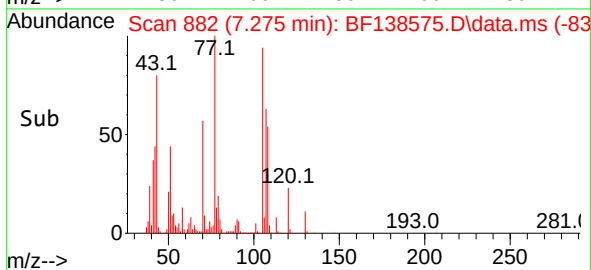
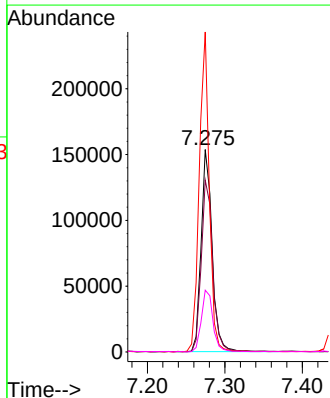
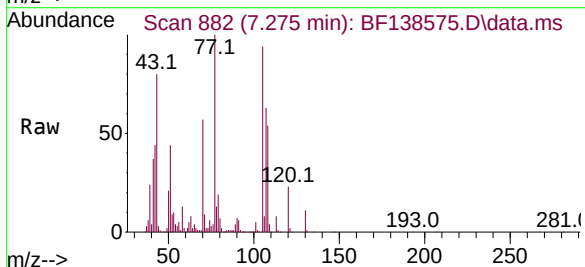
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

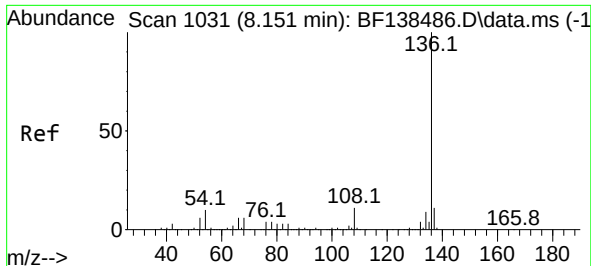
Tgt Ion:	70	Resp:	115792
Ion	Ratio	Lower	Upper
70	100		
42	77.6	62.4	93.6
101	8.9	7.2	10.8
130	19.7	15.7	23.5



#20
3+4-Methylphenols
Concen: 23.825 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:	107	Resp:	151003
Ion	Ratio	Lower	Upper
107	100		
108	84.9	73.7	113.7
77	158.1	126.0	166.0
79	30.5	15.4	55.4

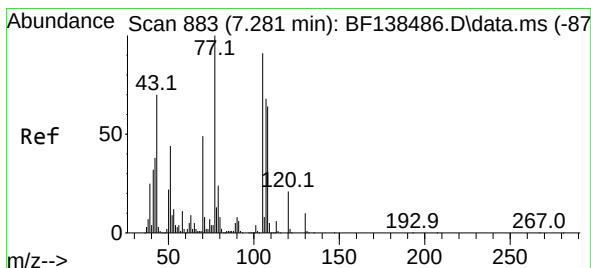
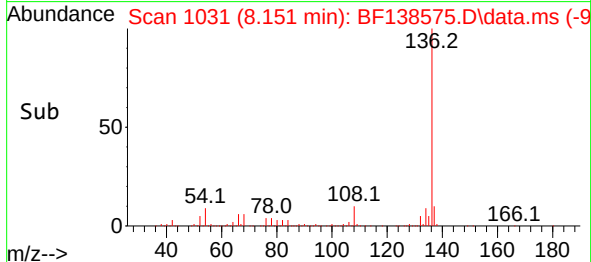
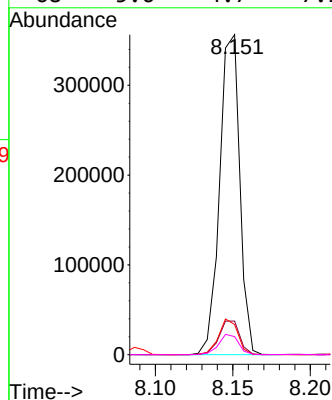
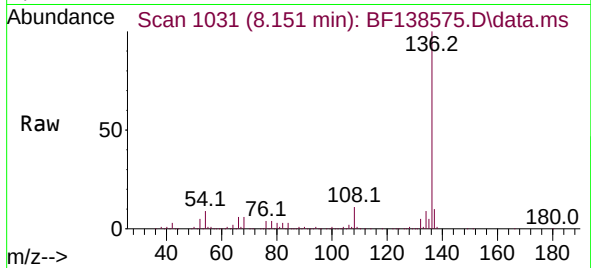




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

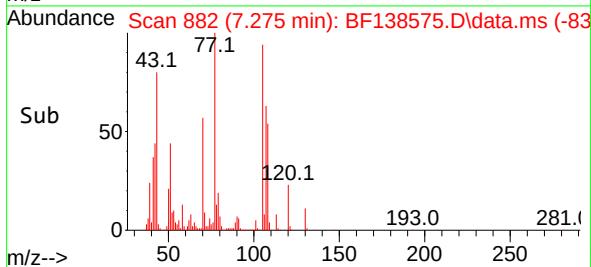
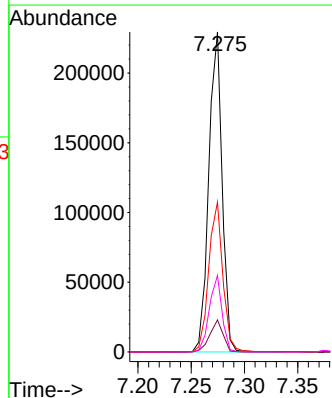
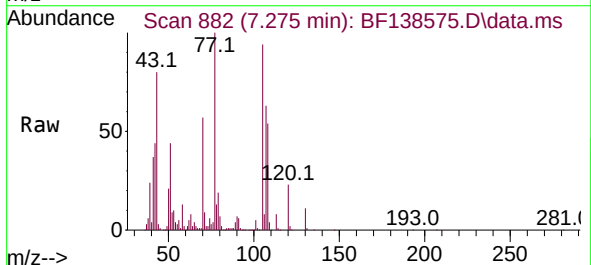
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

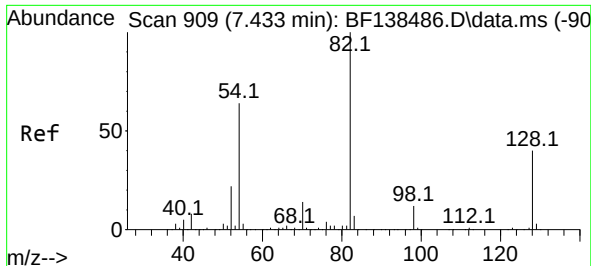
Tgt Ion:	136	Resp:	322560
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	9.5	8.1	12.1
68	5.6	4.7	7.1



#22
Acetophenone
Concen: 25.602 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:	105	Resp:	200566
Ion	Ratio	Lower	Upper
105	100		
71	10.0	7.4	11.2
51	46.9	38.7	58.1
120	23.9	18.2	27.2

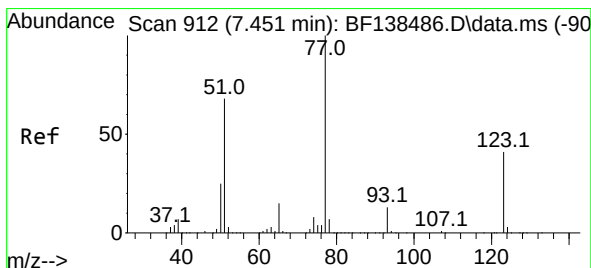
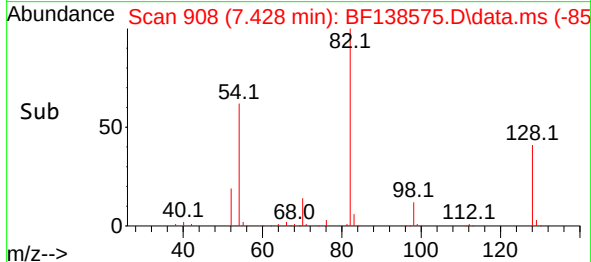
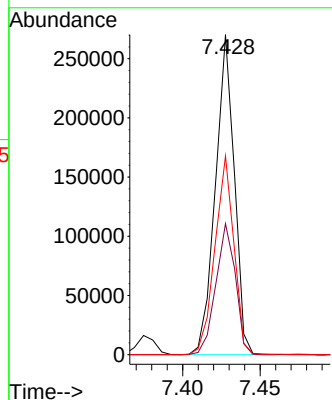
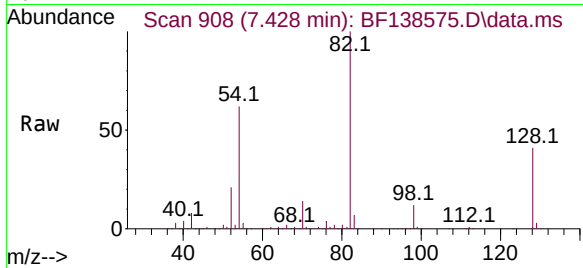




#23
Nitrobenzene-d5
Concen: 34.935 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

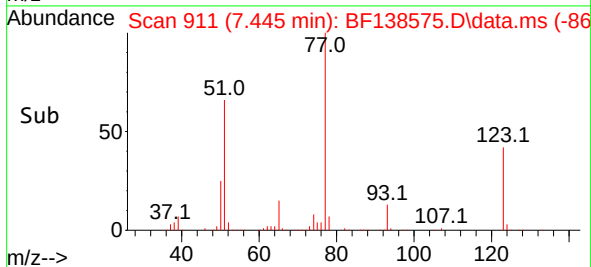
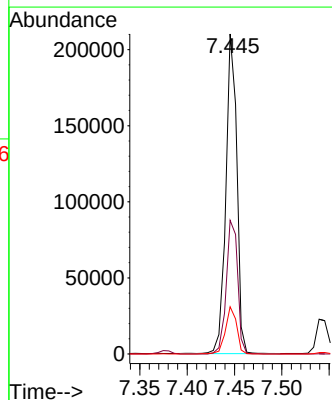
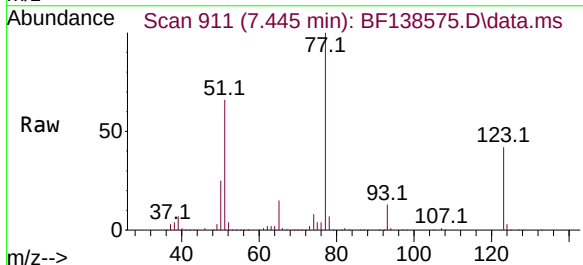
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

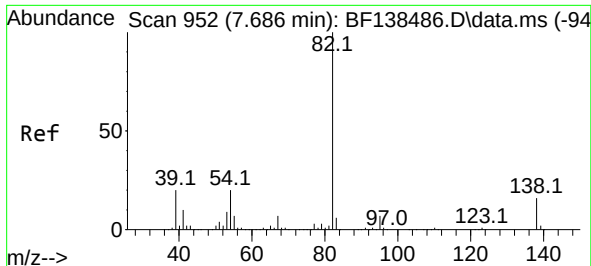
Tgt Ion: 82 Resp: 229512
Ion Ratio Lower Upper
82 100
128 41.0 32.3 48.5
54 62.1 51.4 77.0



#24
Nitrobenzene
Concen: 25.503 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion: 77 Resp: 170267
Ion Ratio Lower Upper
77 100
123 41.7 32.4 48.6
65 14.7 11.8 17.8

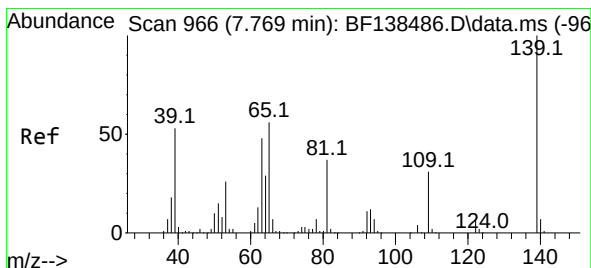
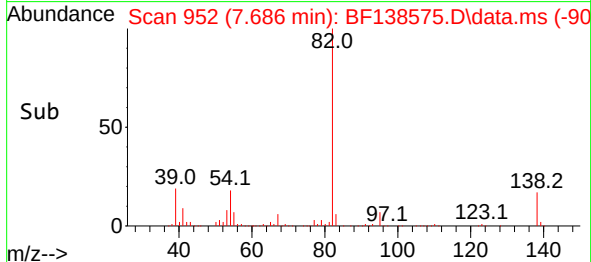
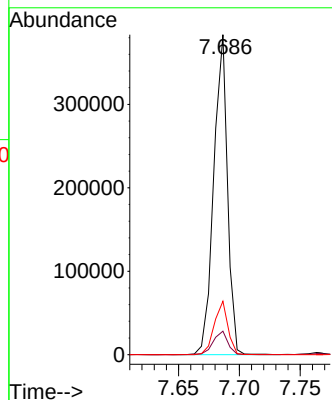
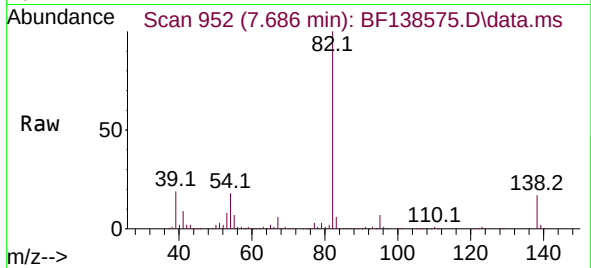




#25
Isophorone
Concen: 26.696 ng
RT: 7.686 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

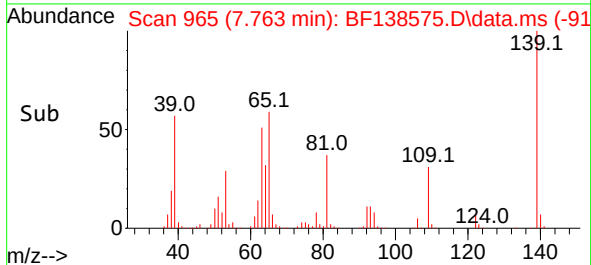
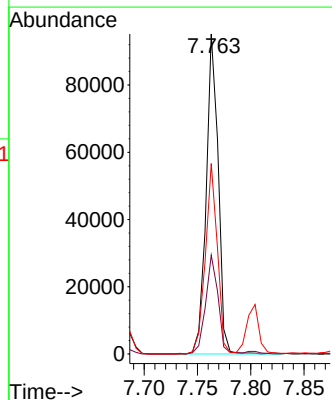
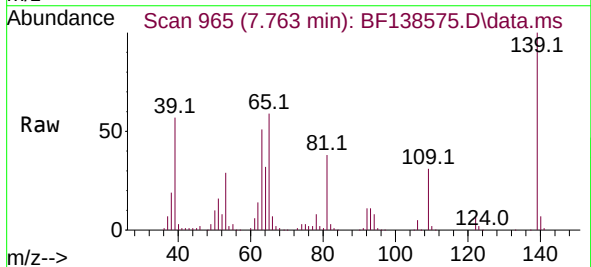
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

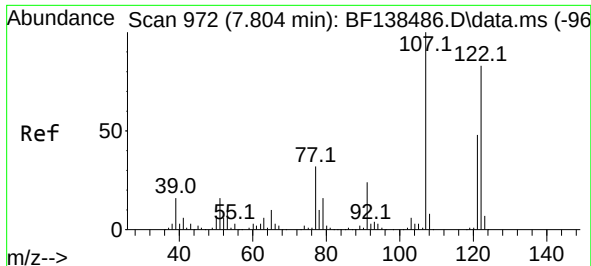
Tgt Ion: 82 Resp: 301189
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.7 12.8 19.2



#26
2-Nitrophenol
Concen: 26.169 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:139 Resp: 74882
Ion Ratio Lower Upper
139 100
109 30.9 24.8 37.2
65 59.5 45.1 67.7

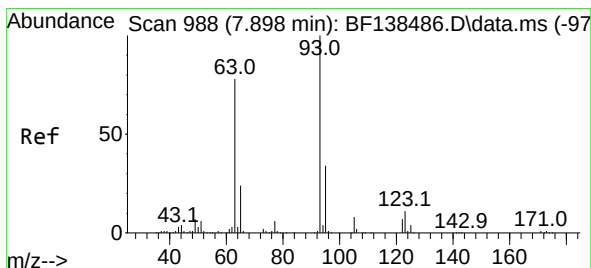
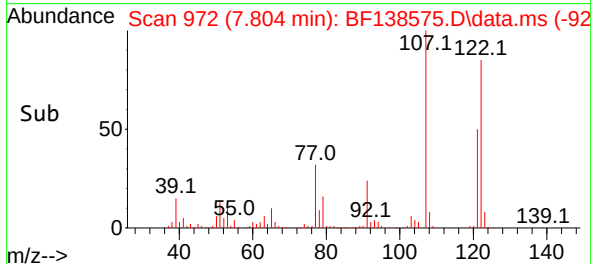
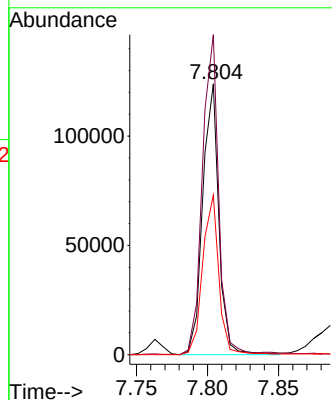
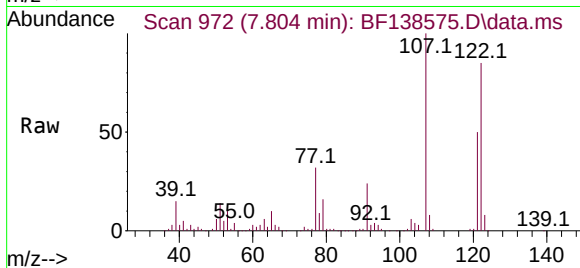




#27
2,4-Dimethylphenol
Concen: 27.866 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

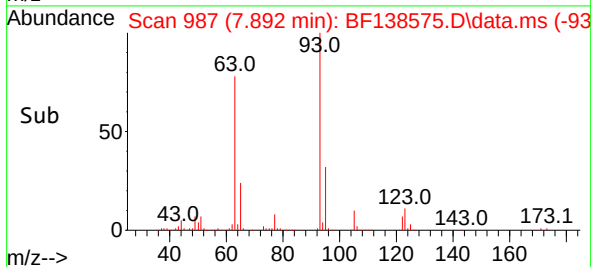
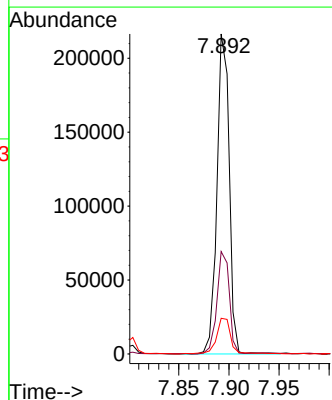
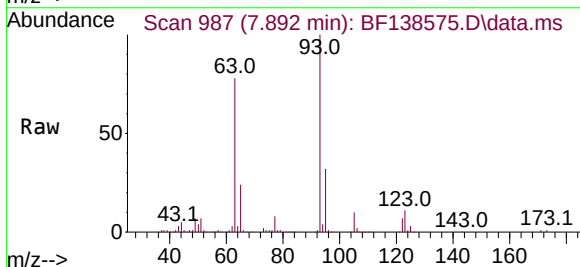
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

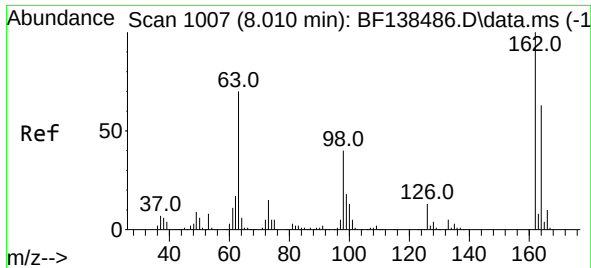
Tgt Ion:122 Resp: 98003
Ion Ratio Lower Upper
122 100
107 118.2 96.3 144.5
121 58.9 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 27.286 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion: 93 Resp: 183981
Ion Ratio Lower Upper
93 100
95 32.0 27.0 40.6
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 24.339 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

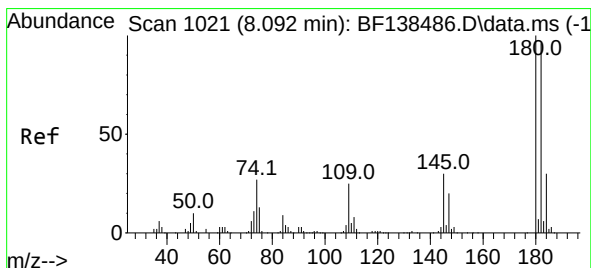
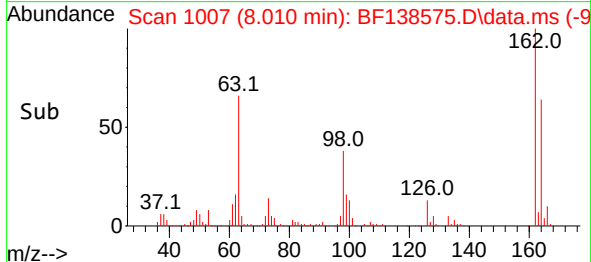
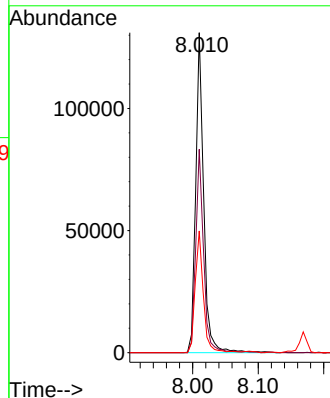
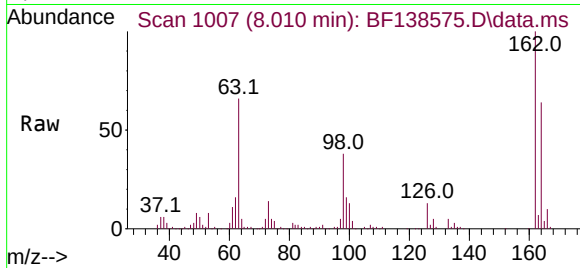
Tgt Ion:162 Resp: 111157

Ion Ratio Lower Upper

162 100

164 63.6 42.6 82.6

98 38.1 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 24.058 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

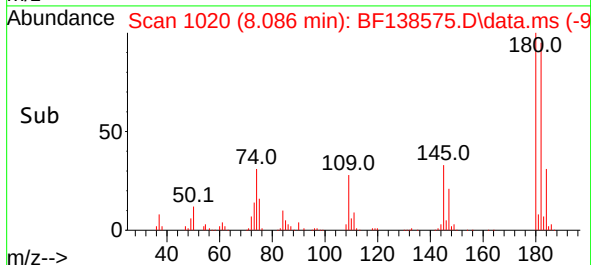
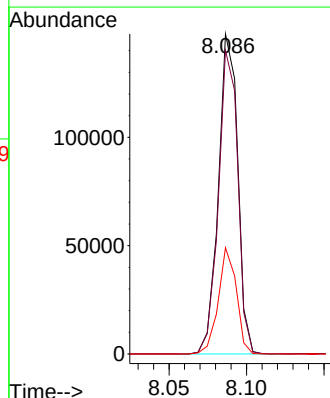
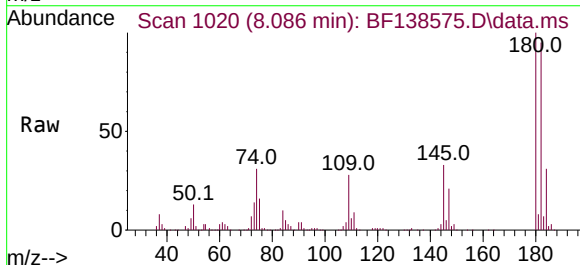
Tgt Ion:180 Resp: 127995

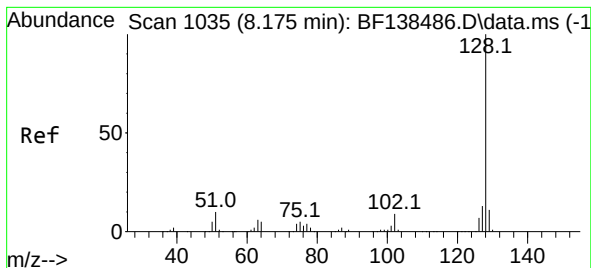
Ion Ratio Lower Upper

180 100

182 94.8 76.9 115.3

145 33.2 23.9 35.9





#31

Naphthalene

Concen: 24.559 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

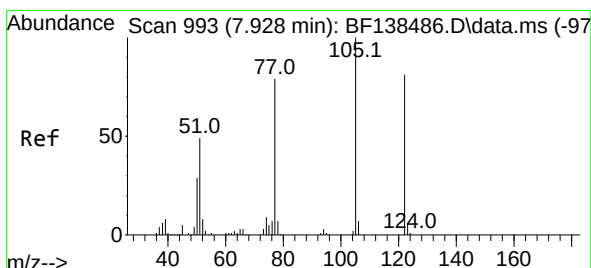
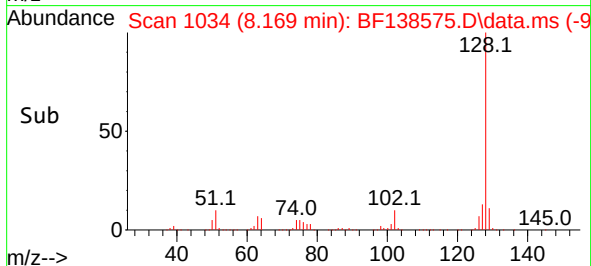
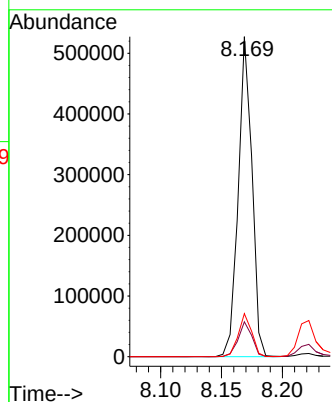
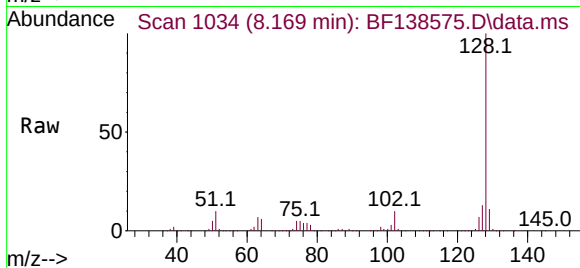
Tgt Ion:128 Resp: 411987

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 14.313 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.024 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

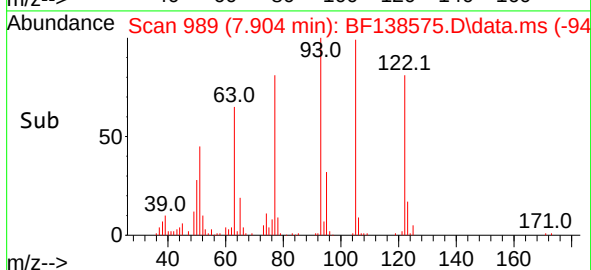
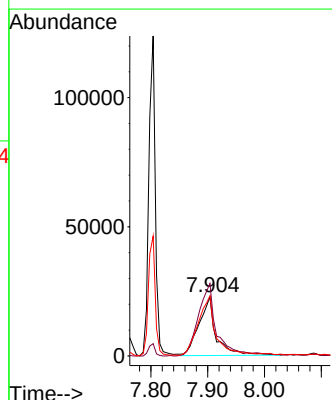
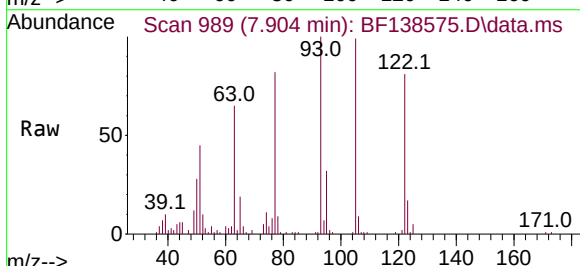
Tgt Ion:122 Resp: 48010

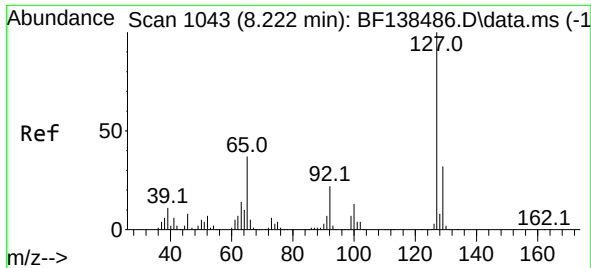
Ion Ratio Lower Upper

122 100

105 122.9 101.5 141.5

77 101.8 77.3 117.3

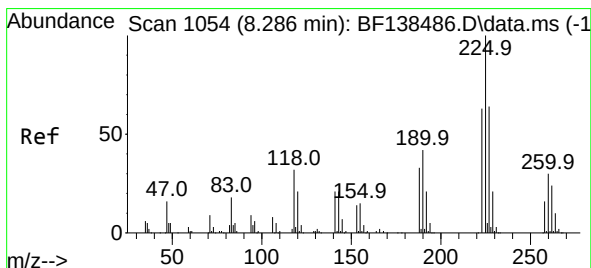
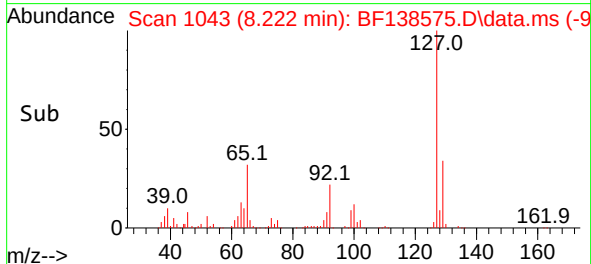
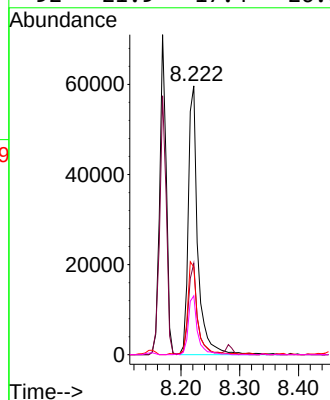
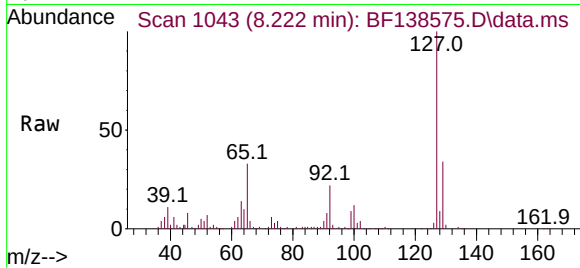




#33
4-Chloroaniline
Concen: 11.380 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

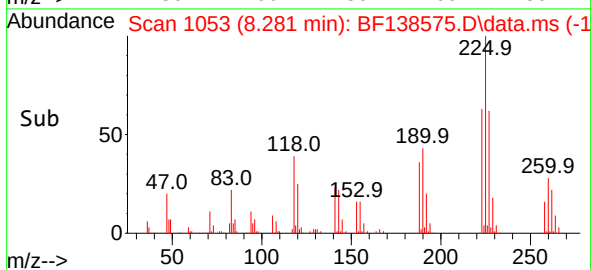
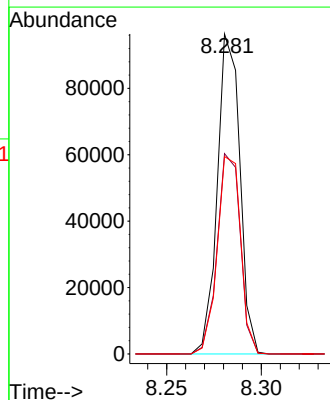
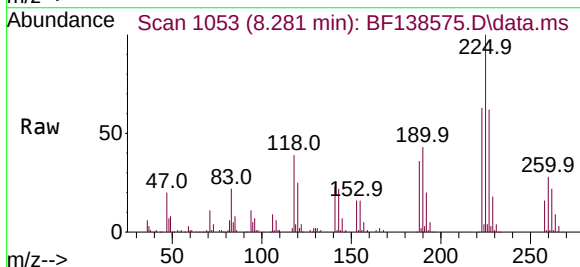
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

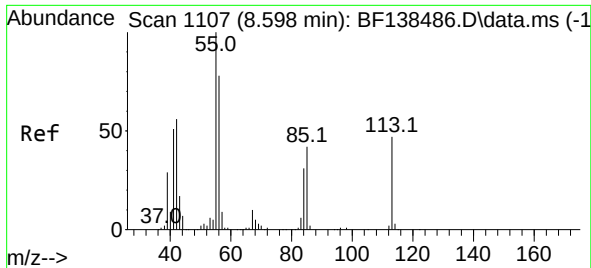
Tgt Ion:	127	Resp:	66986
Ion Ratio	Lower	Upper	
127	100		
129	34.0	25.6	38.4
65	32.6	29.6	44.4
92	21.9	17.4	26.0



#34
Hexachlorobutadiene
Concen: 24.325 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:	225	Resp:	79693
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.0	75.0
227	61.7	51.0	76.6

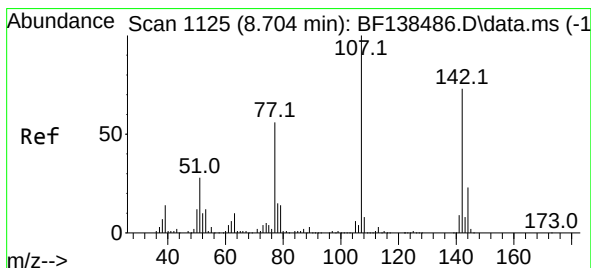
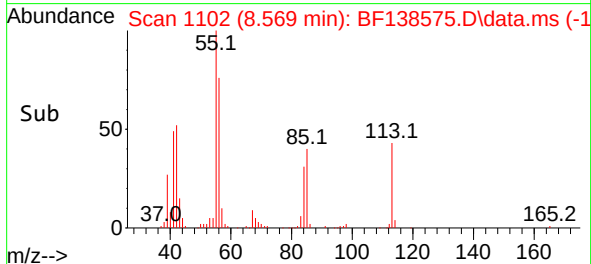
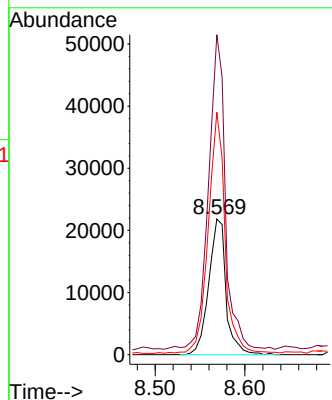
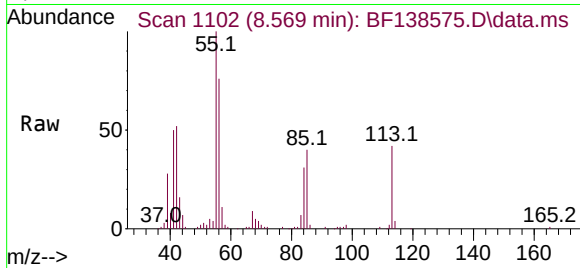




#35
Caprolactam
Concen: 19.842 ng
RT: 8.569 min Scan# 1107
Delta R.T. -0.029 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

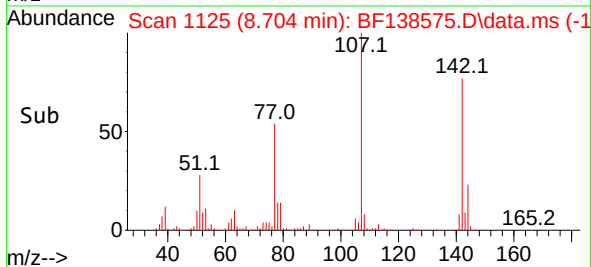
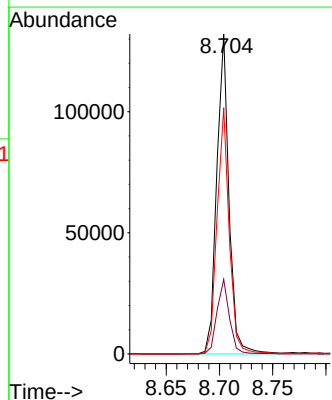
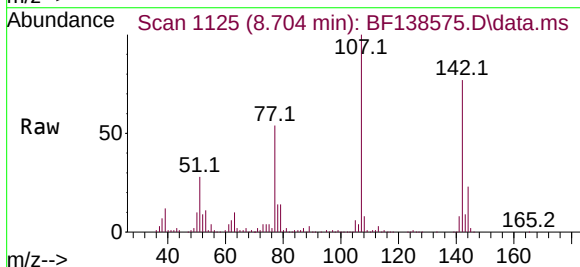
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

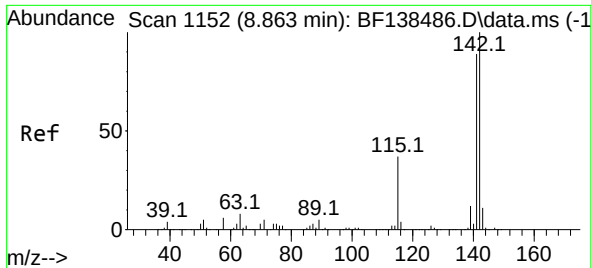
Tgt Ion:113 Resp: 29242
Ion Ratio Lower Upper
113 100
55 235.9 192.5 232.5#
56 178.7 145.3 185.3



#36
4-Chloro-3-methylphenol
Concen: 20.664 ng
RT: 8.704 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:107 Resp: 105652
Ion Ratio Lower Upper
107 100
144 23.3 18.6 27.8
142 77.0 58.6 88.0

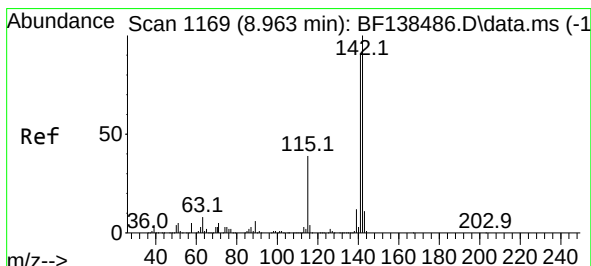
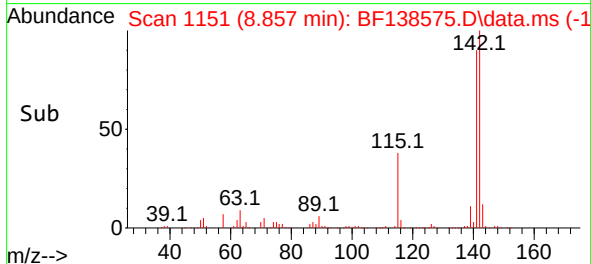
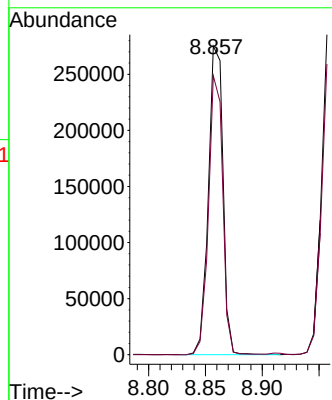
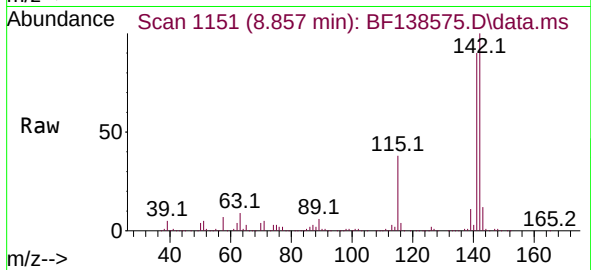




#37
2-Methylnaphthalene
Concen: 22.768 ng
RT: 8.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

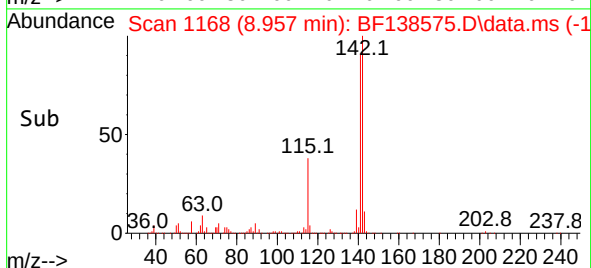
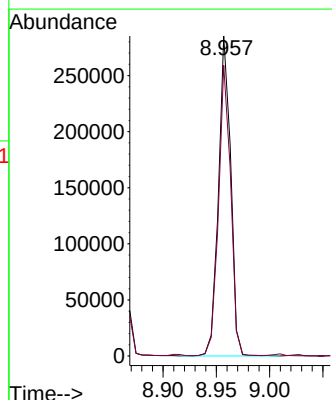
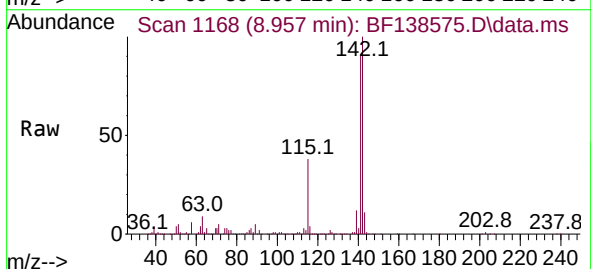
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

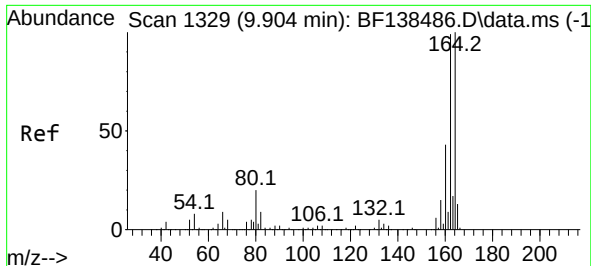
Tgt Ion:142 Resp: 245794
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.0



#38
1-Methylnaphthalene
Concen: 21.512 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:142 Resp: 226654
Ion Ratio Lower Upper
142 100
141 90.9 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

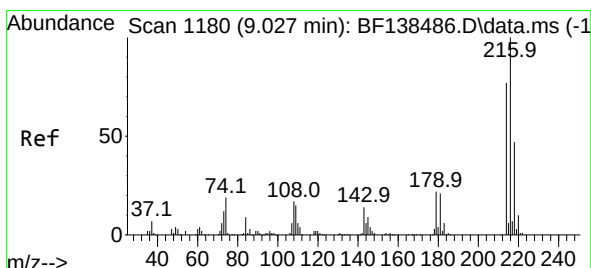
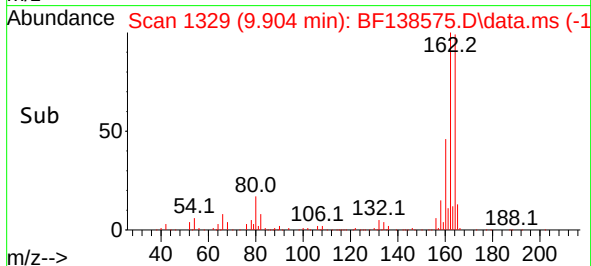
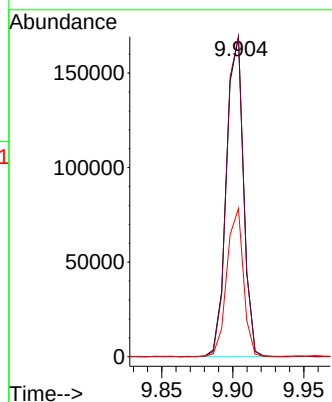
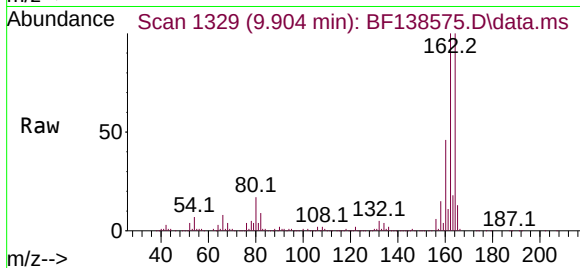
Tgt Ion:164 Resp: 141607

Ion Ratio Lower Upper

164 100

162 100.1 79.0 118.6

160 46.4 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 25.821 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Tgt Ion:216 Resp: 101908

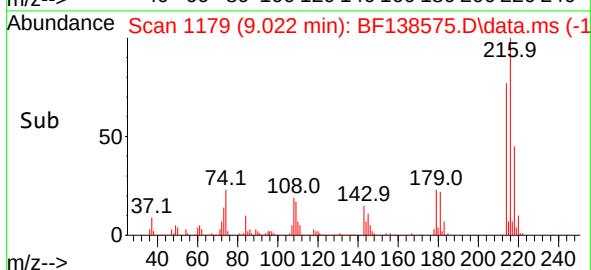
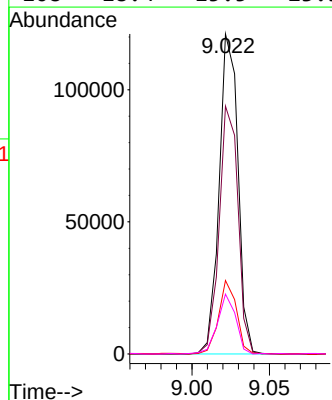
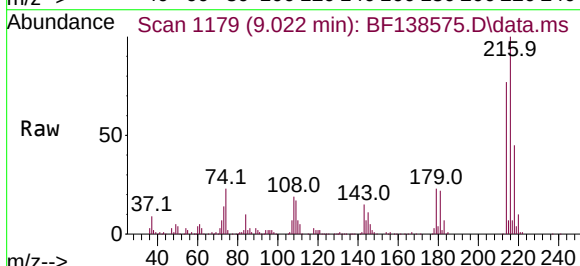
Ion Ratio Lower Upper

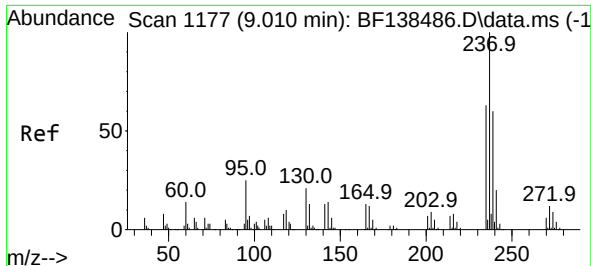
216 100

214 77.6 62.8 94.2

179 21.9 17.7 26.5

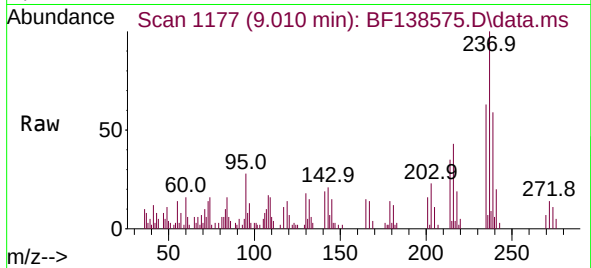
108 18.4 15.5 23.3



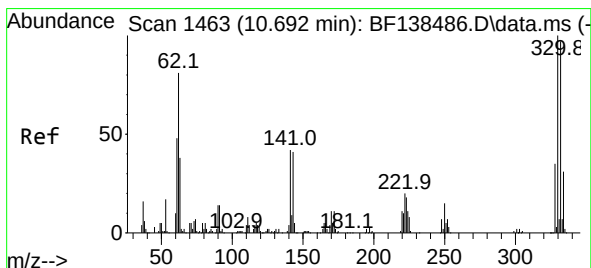
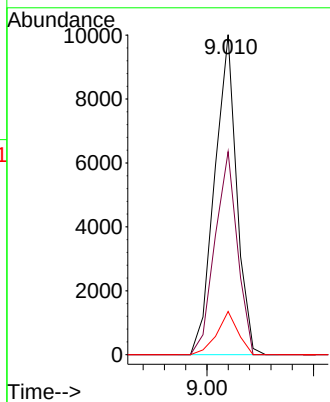
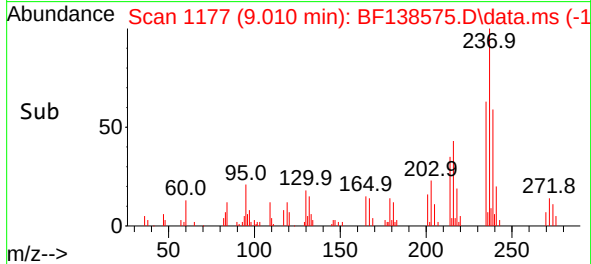


#41
Hexachlorocyclopentadiene
Concen: 5.615 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

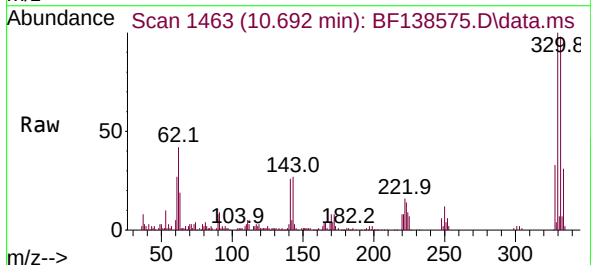
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS



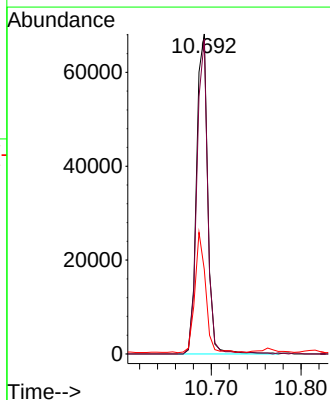
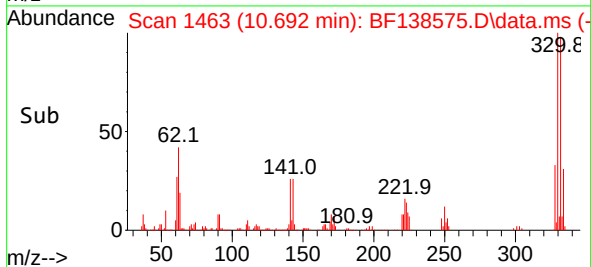
Tgt Ion:237 Resp: 7193
Ion Ratio Lower Upper
237 100
235 63.5 43.3 83.3
272 13.5 0.0 32.3

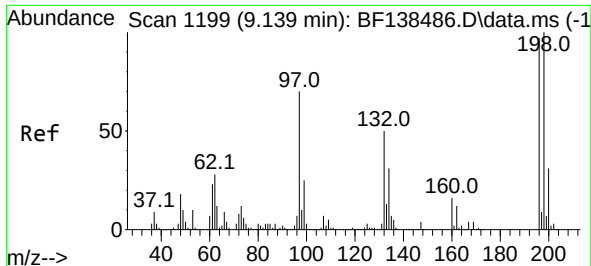


#42
2,4,6-Tribromophenol
Concen: 44.494 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45



Tgt Ion:330 Resp: 58886
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 36.1 29.4 44.2

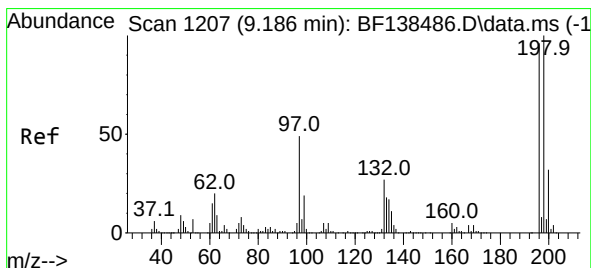
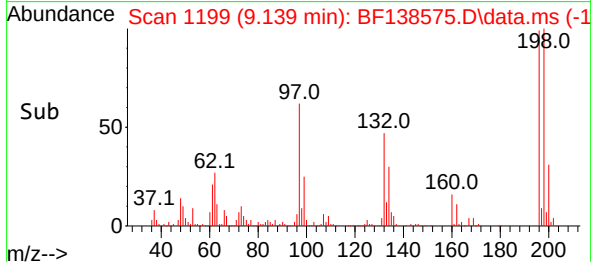
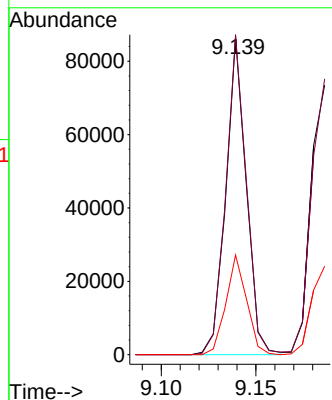
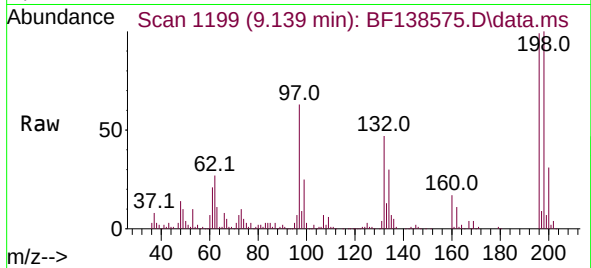




#43
2,4,6-Trichlorophenol
Concen: 25.796 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

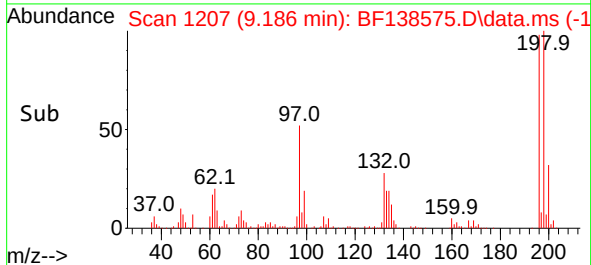
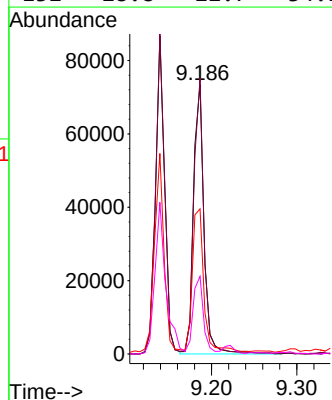
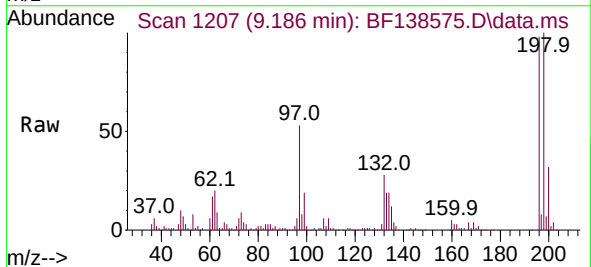
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

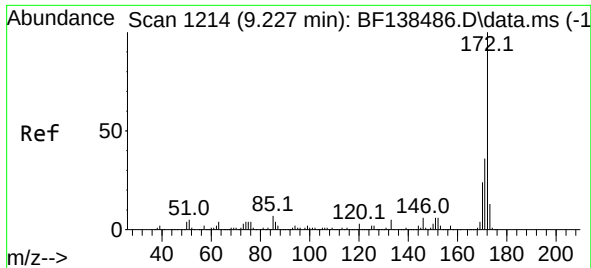
Tgt Ion:196 Resp: 64941
Ion Ratio Lower Upper
196 100
198 100.6 82.3 123.5
200 31.3 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 22.713 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:196 Resp: 62890
Ion Ratio Lower Upper
196 100
198 102.3 82.8 124.2
97 53.8 41.0 61.4
132 28.8 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 39.112 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

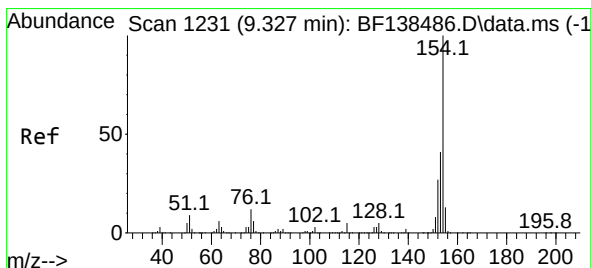
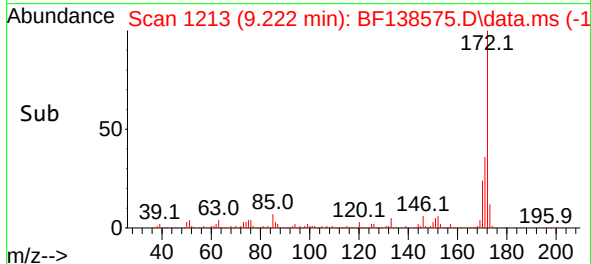
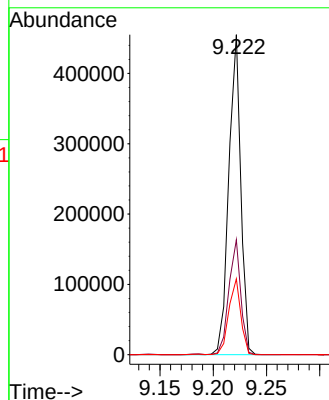
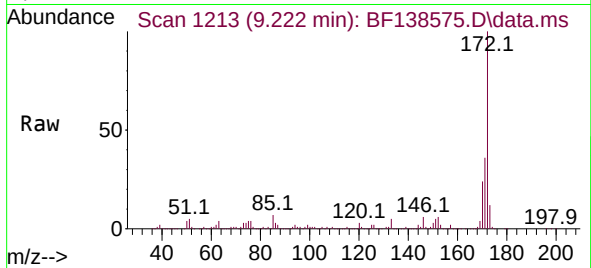
Tgt Ion:172 Resp: 354376

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 25.934 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

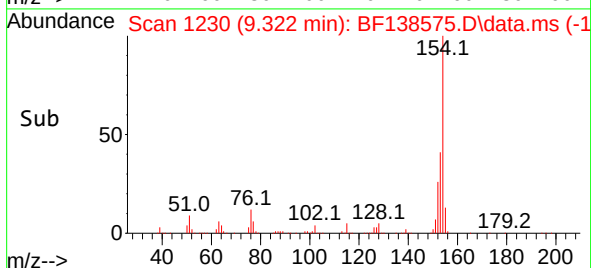
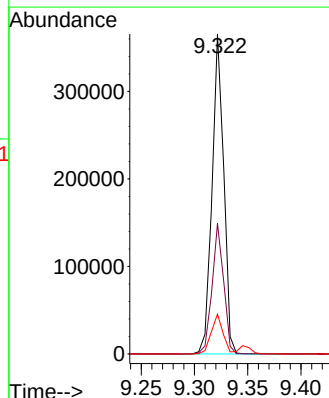
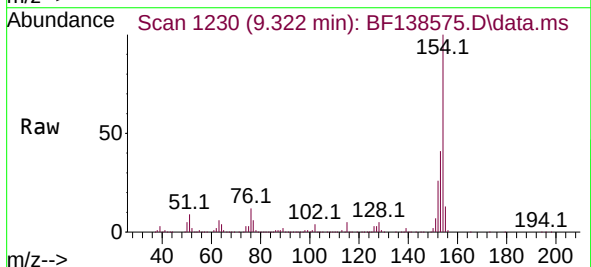
Tgt Ion:154 Resp: 278317

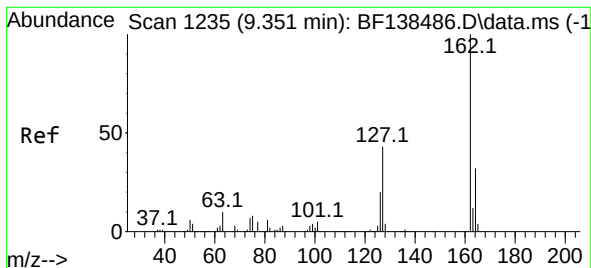
Ion Ratio Lower Upper

154 100

153 40.8 20.7 60.7

76 12.5 0.0 32.2





#47

2-Chloronaphthalene

Concen: 25.855 ng

RT: 9.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

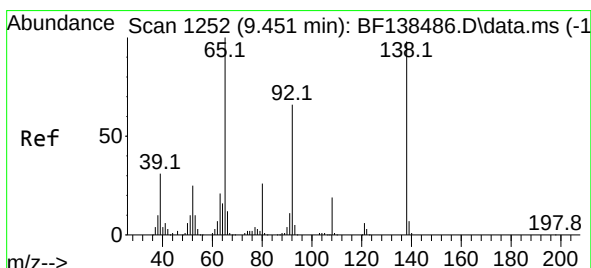
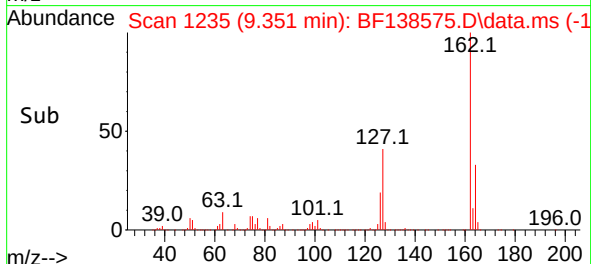
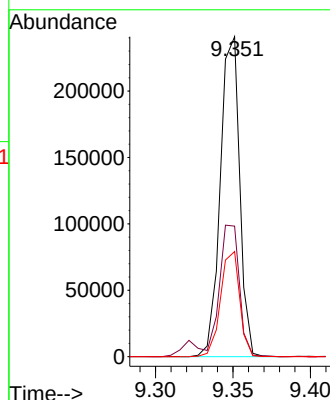
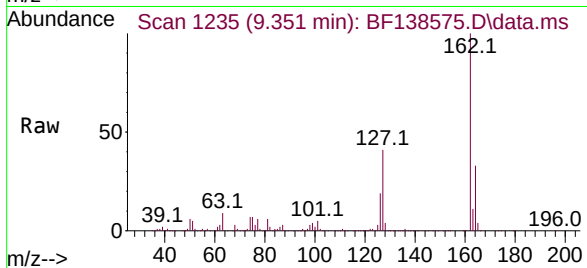
Tgt Ion:162 Resp: 209616

Ion Ratio Lower Upper

162 100

127 40.8 34.8 52.2

164 32.8 25.6 38.4



#48

2-Nitroaniline

Concen: 26.600 ng

RT: 9.445 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

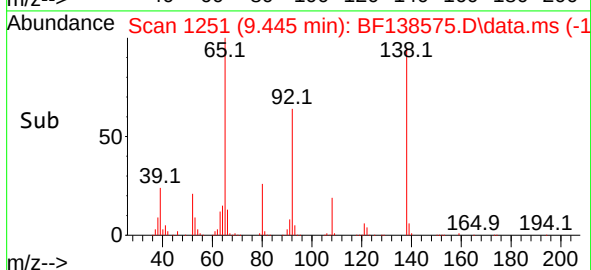
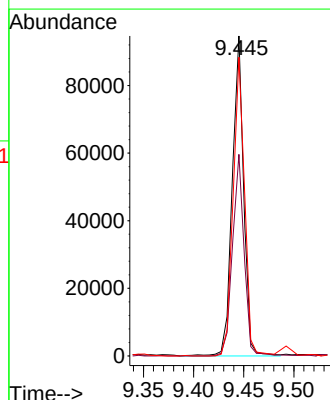
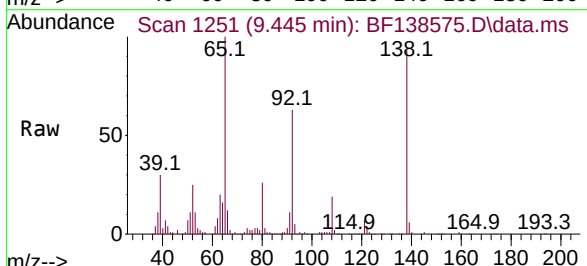
Tgt Ion: 65 Resp: 74730

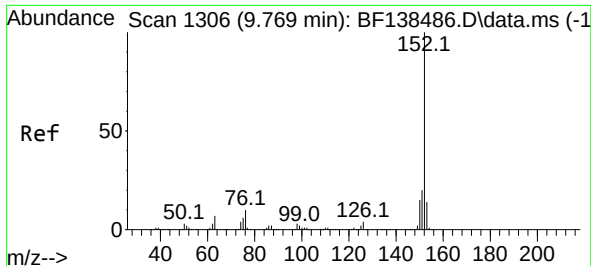
Ion Ratio Lower Upper

65 100

92 63.0 52.6 78.8

138 93.4 78.6 118.0





#49

Acenaphthylene

Concen: 27.016 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

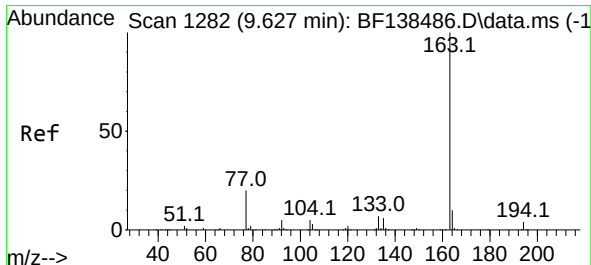
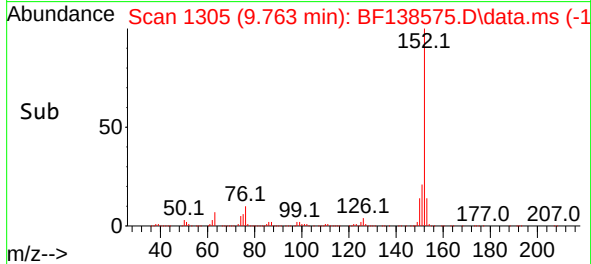
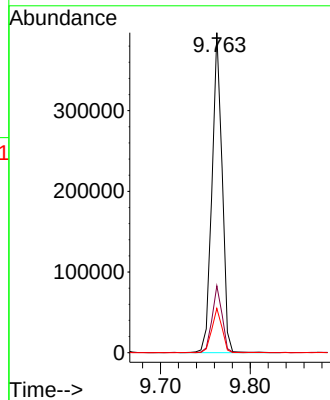
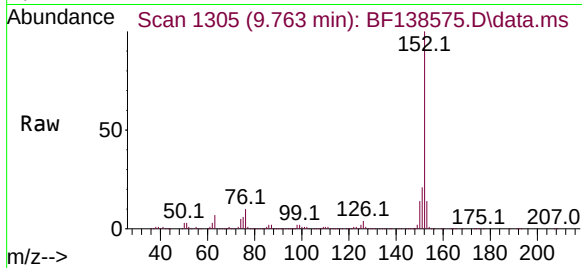
Tgt Ion:152 Resp: 310967

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 13.8 11.3 16.9



#50

Dimethylphthalate

Concen: 28.741 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

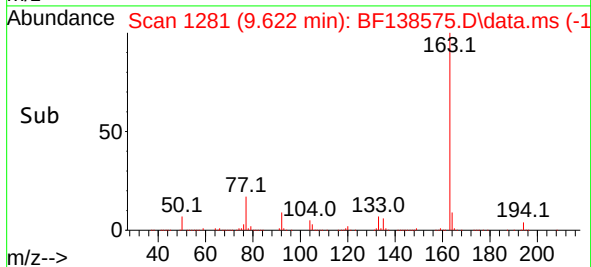
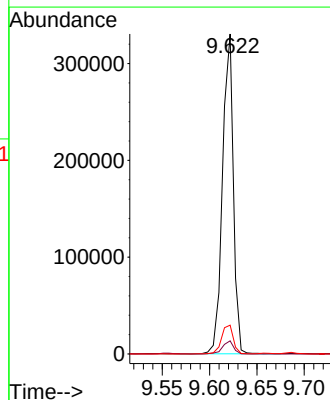
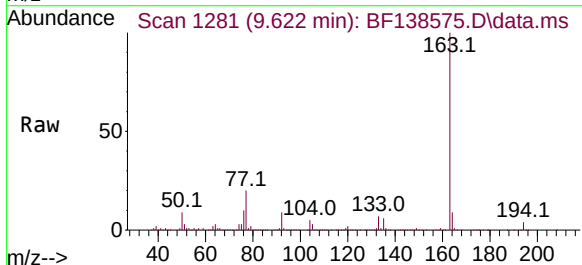
Tgt Ion:163 Resp: 263166

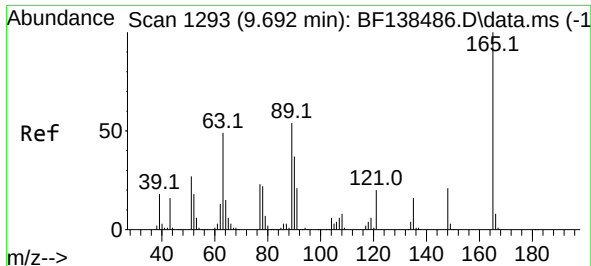
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 9.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 24.837 ng

RT: 9.686 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

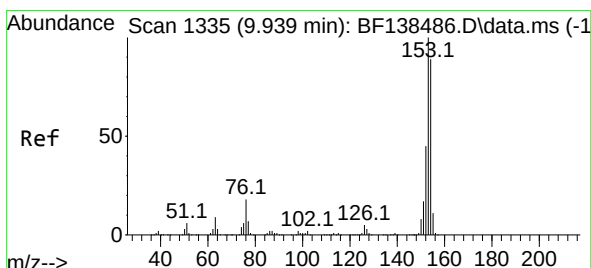
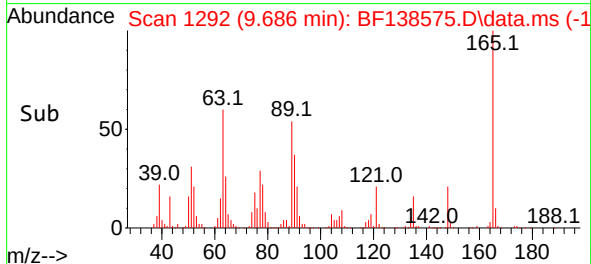
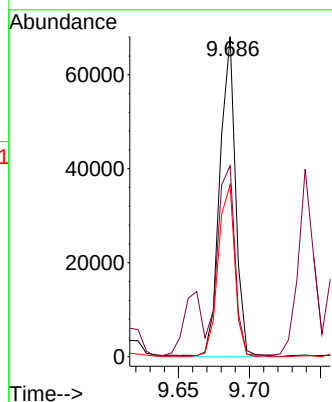
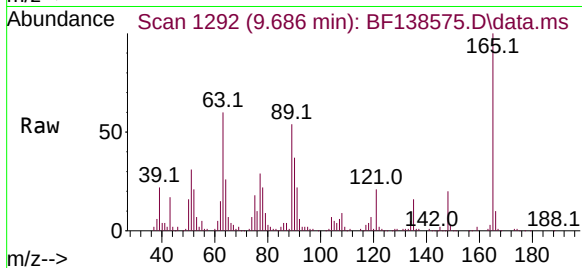
Tgt Ion:165 Resp: 52364

Ion Ratio Lower Upper

165 100

63 59.6 48.1 72.1

89 53.7 43.0 64.6



#52

Acenaphthene

Concen: 24.654 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

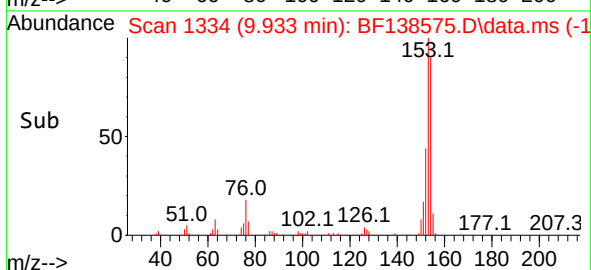
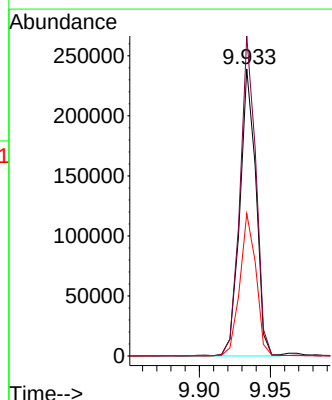
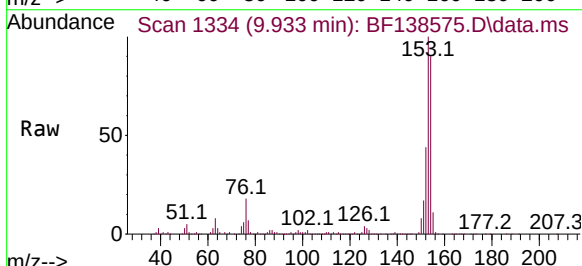
Tgt Ion:154 Resp: 188634

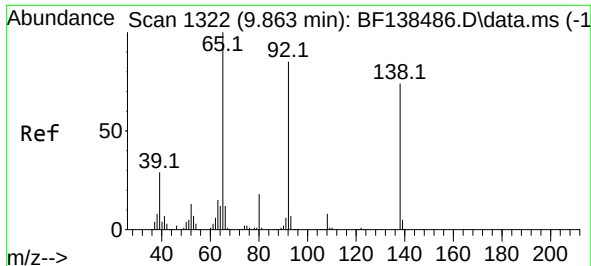
Ion Ratio Lower Upper

154 100

153 111.5 90.4 135.6

152 49.6 41.1 61.7

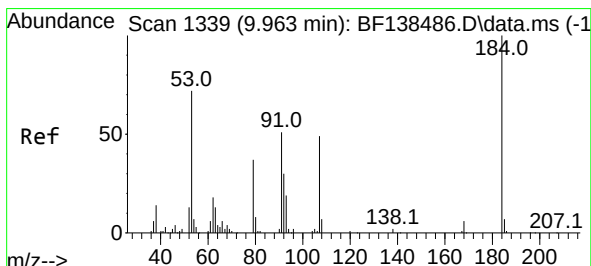
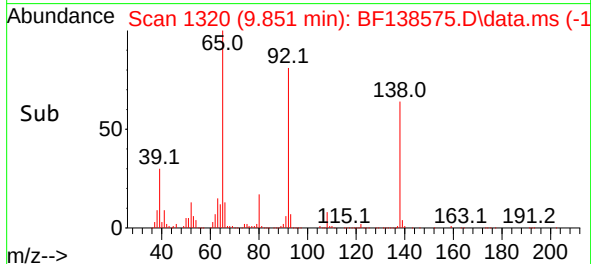
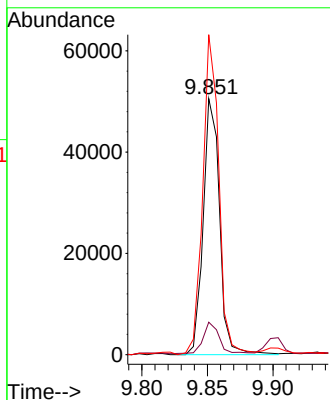
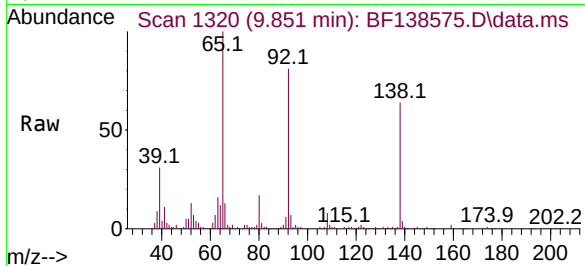




#53
3-Nitroaniline
Concen: 20.397 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

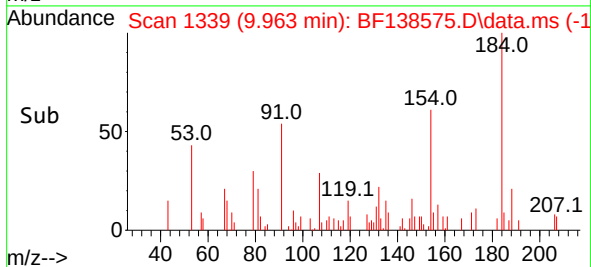
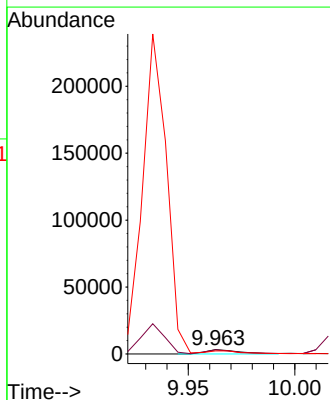
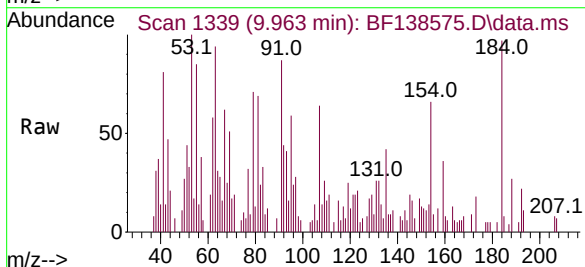
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

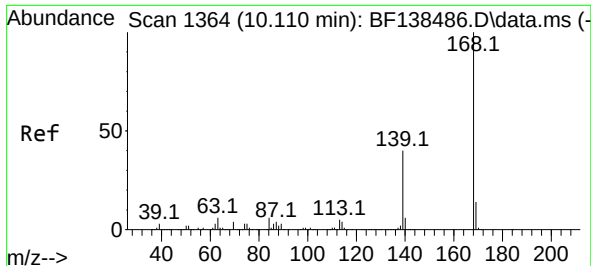
Tgt Ion:138 Resp: 44074
Ion Ratio Lower Upper
138 100
108 12.7 8.3 12.5#
92 125.0 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 7.614 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:184 Resp: 3540
Ion Ratio Lower Upper
184 100
63 97.0 70.6 106.0
154 68.3 53.8 80.6

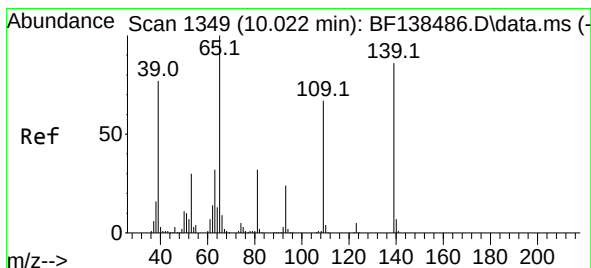
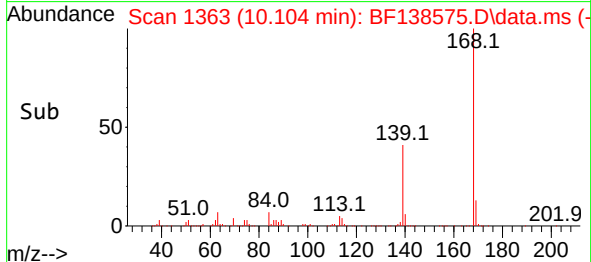
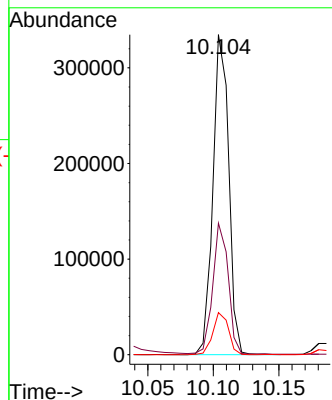
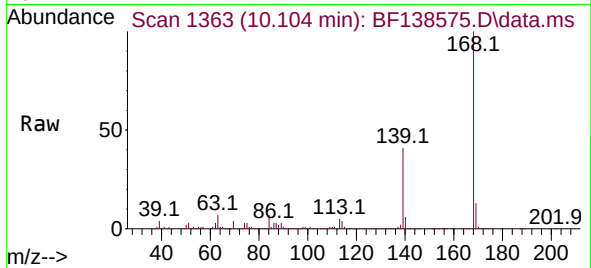




#55
Dibenzenofuran
Concen: 25.276 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

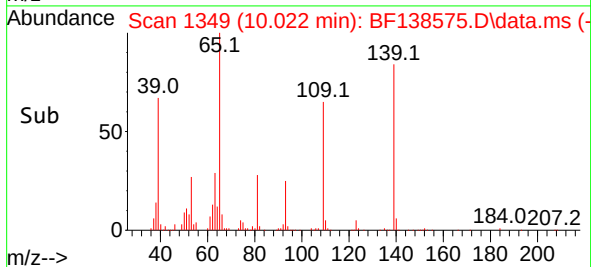
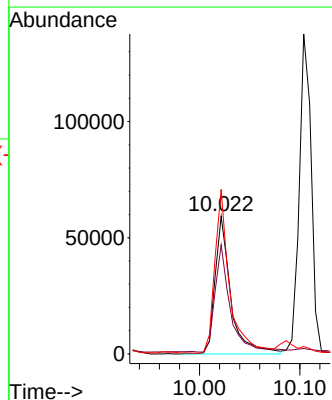
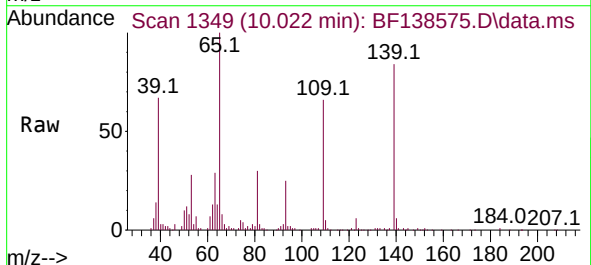
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

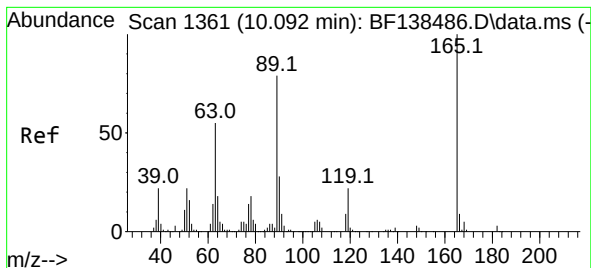
Tgt Ion:168 Resp: 280506
Ion Ratio Lower Upper
168 100
139 41.1 32.4 48.6
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 40.518 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:139 Resp: 64601
Ion Ratio Lower Upper
139 100
109 79.3 58.1 98.1
65 119.5 96.9 136.9

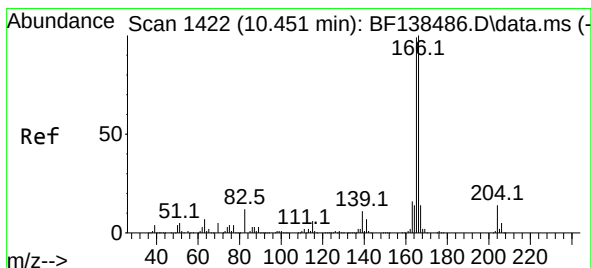
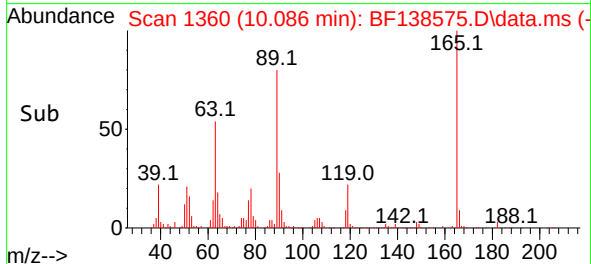
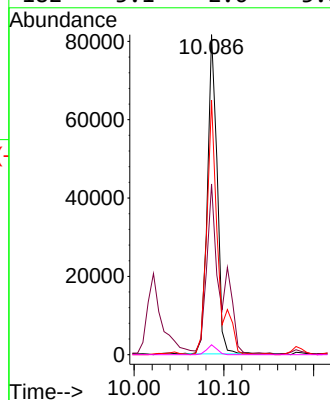
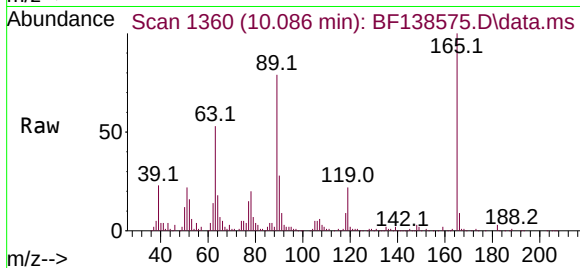




#57
2,4-Dinitrotoluene
Concen: 22.568 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

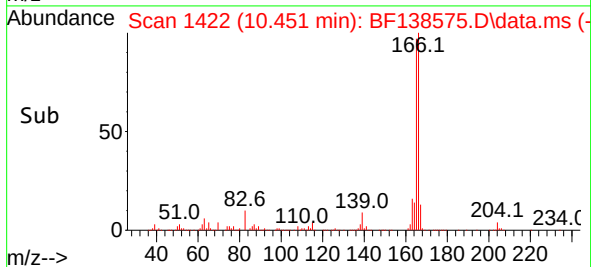
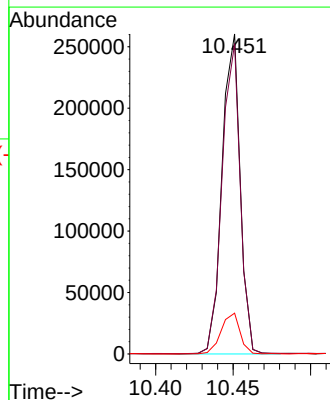
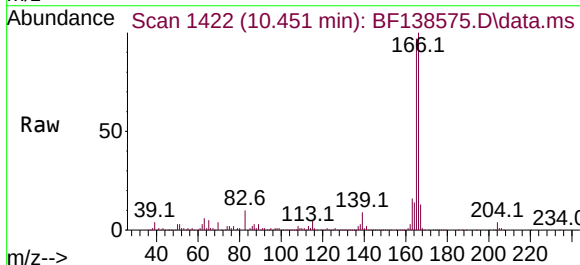
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

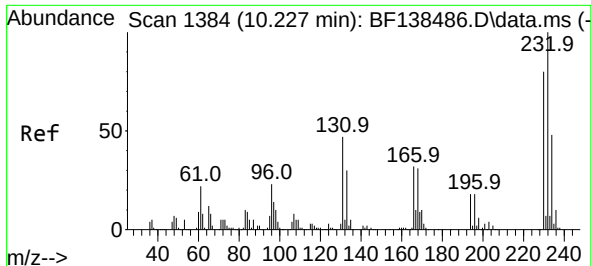
Tgt Ion:165 Resp: 61561
Ion Ratio Lower Upper
165 100
63 53.4 44.6 66.8
89 79.5 63.4 95.2
182 3.1 2.6 3.8



#58
Fluorene
Concen: 24.145 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:166 Resp: 212019
Ion Ratio Lower Upper
166 100
165 97.0 79.1 118.7
167 12.7 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 21.912 ng

RT: 10.227 min Scan# 1384

Delta R.T. 0.000 min

Lab File: BF138575.D

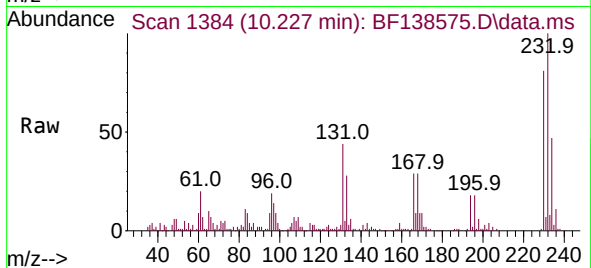
Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS



Tgt Ion:232 Resp: 47884

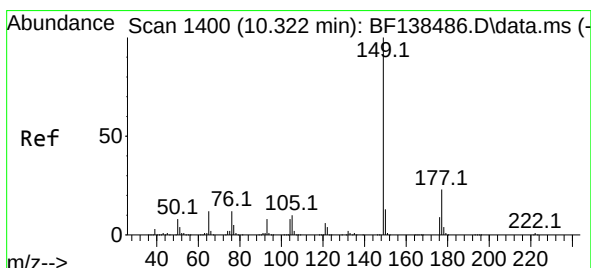
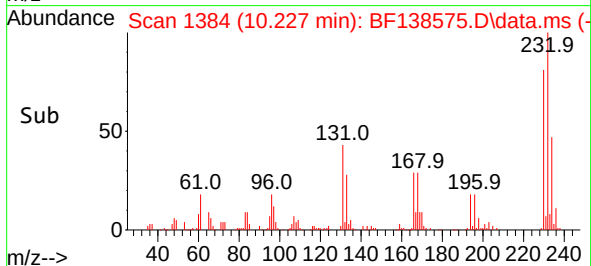
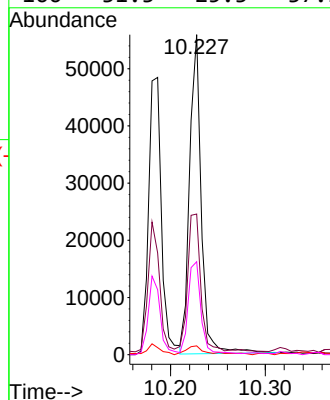
Ion Ratio Lower Upper

232 100

131 47.4 37.5 56.3

130 4.6 2.0 3.0#

166 31.3 25.3 37.9



#60

Diethylphthalate

Concen: 26.296 ng

RT: 10.316 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

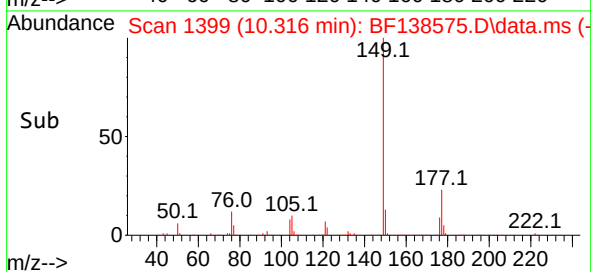
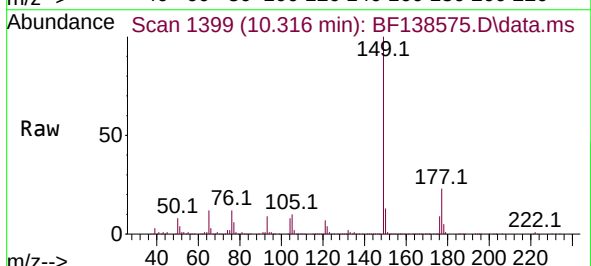
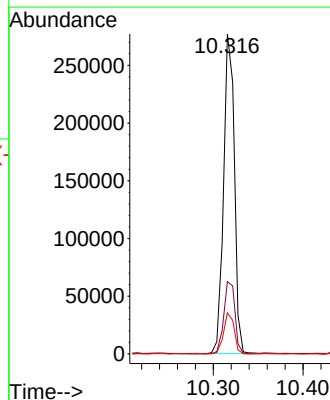
Tgt Ion:149 Resp: 232120

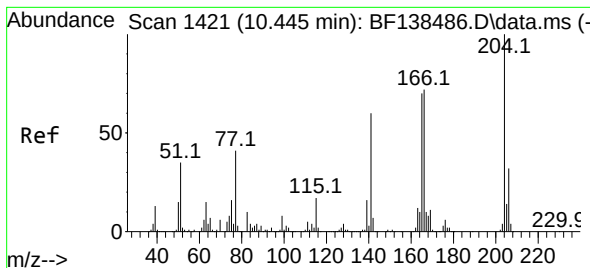
Ion Ratio Lower Upper

149 100

177 22.6 18.5 27.7

150 12.9 10.3 15.5

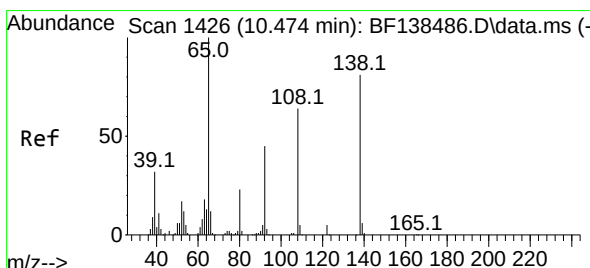
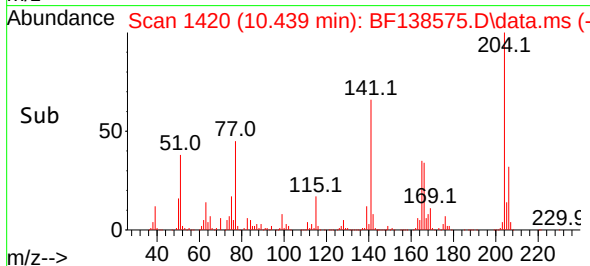
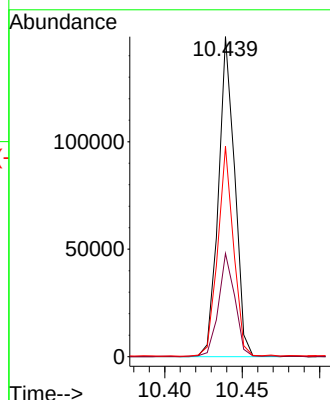
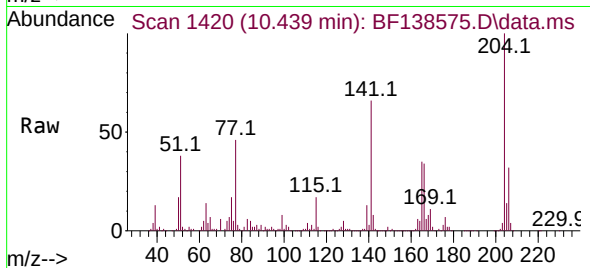




#61
4-Chlorophenyl-phenylether
Concen: 24.688 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

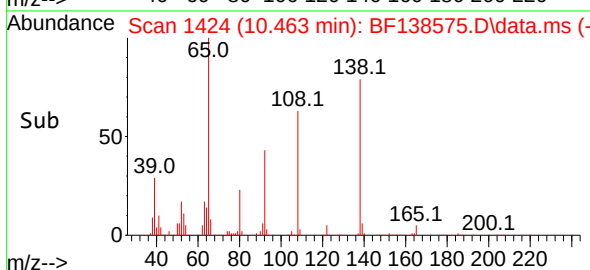
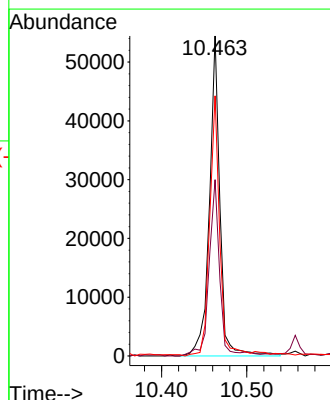
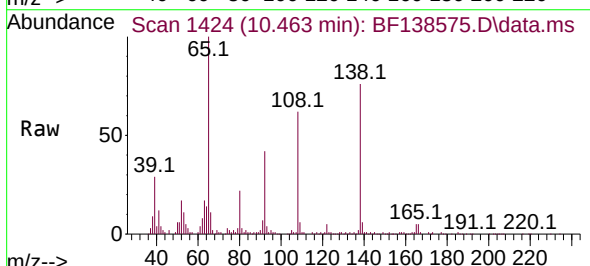
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

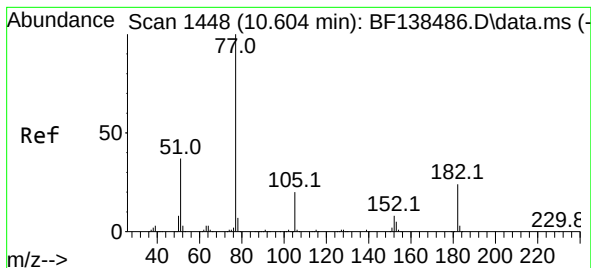
Tgt Ion:204 Resp: 108859
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 65.7 47.7 71.5



#62
4-Nitroaniline
Concen: 21.616 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:138 Resp: 46805
Ion Ratio Lower Upper
138 100
92 55.1 35.8 75.8
108 81.3 59.8 99.8





#63

Azobenzene

Concen: 23.427 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

Tgt Ion: 77 Resp: 222332

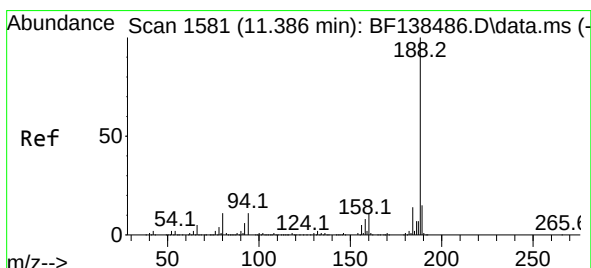
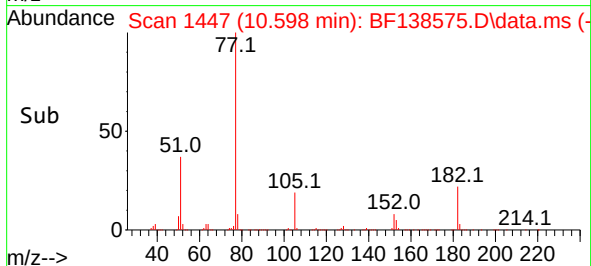
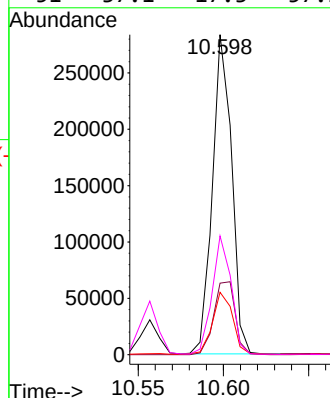
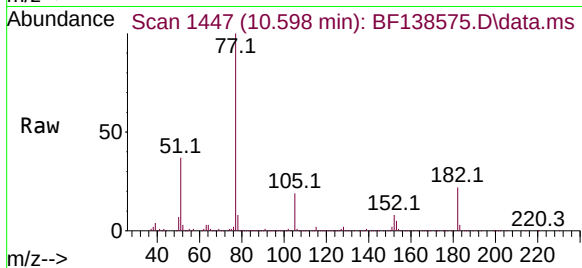
Ion Ratio Lower Upper

77 100

182 22.3 3.8 43.8

105 19.5 0.0 39.8

51 37.1 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

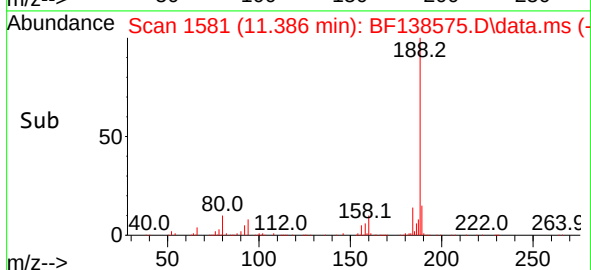
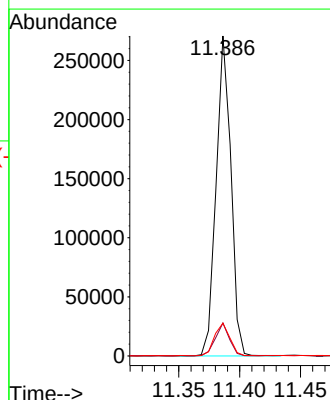
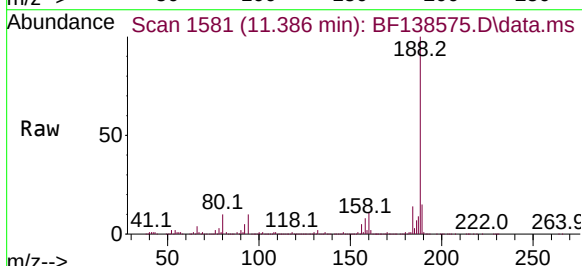
Tgt Ion:188 Resp: 227970

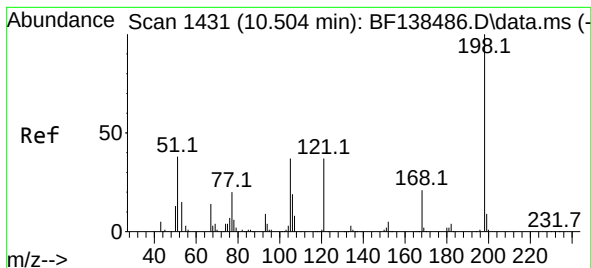
Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

80 10.2 9.0 13.4

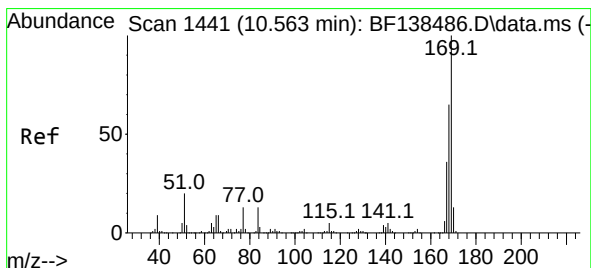
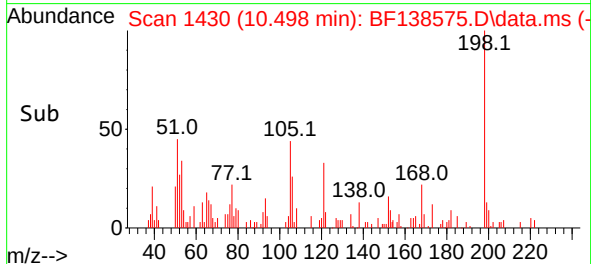
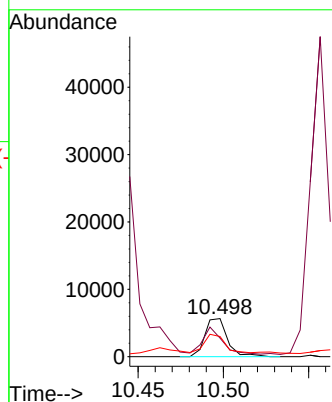
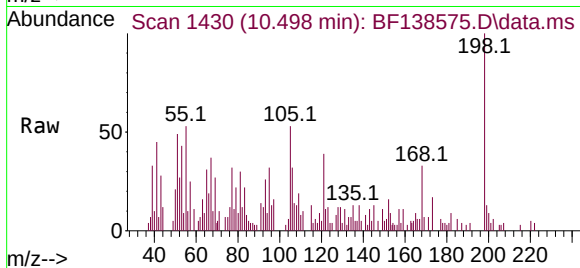




#65
4,6-Dinitro-2-methylphenol
Concen: 3.938 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

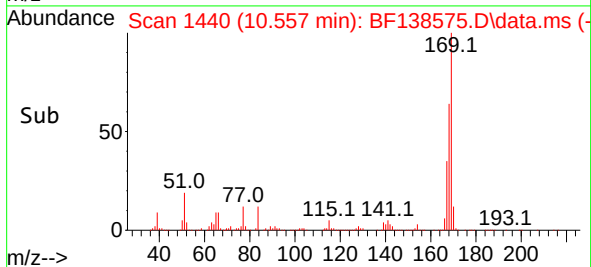
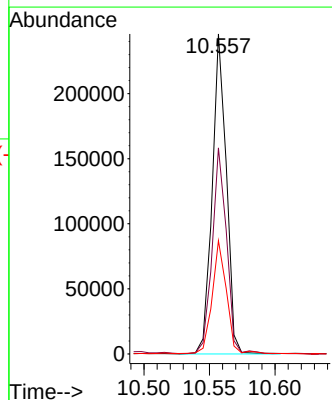
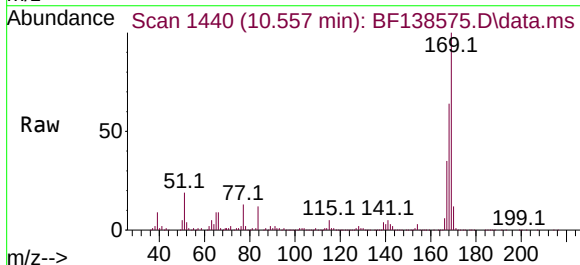
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

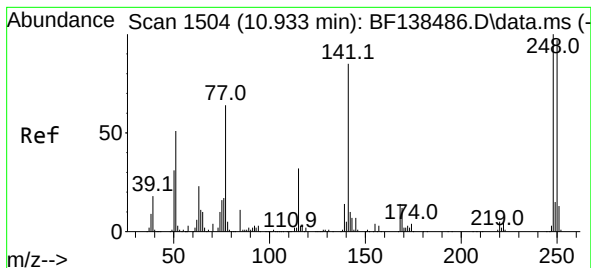
Tgt Ion:198 Resp: 5184
Ion Ratio Lower Upper
198 100
51 48.8 27.2 67.2
105 53.0 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 26.998 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:169 Resp: 184403
Ion Ratio Lower Upper
169 100
168 64.4 51.7 77.5
167 35.4 28.5 42.7

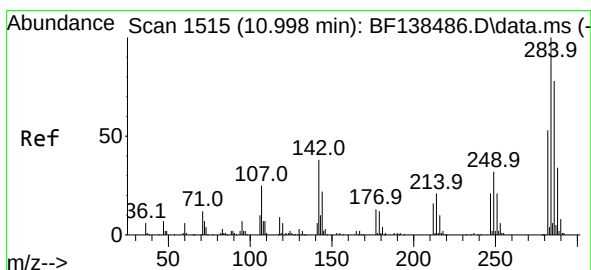
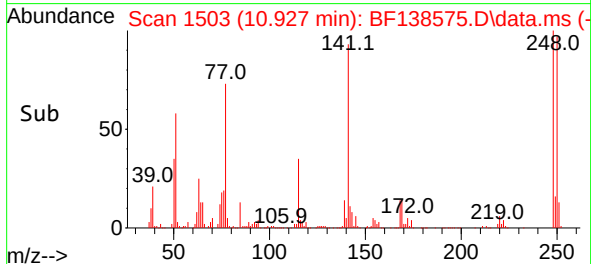
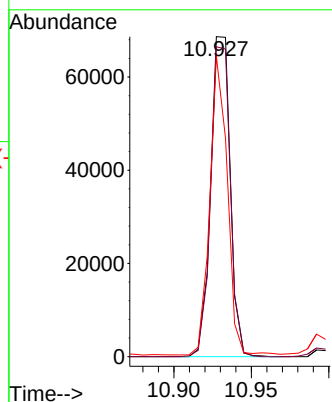
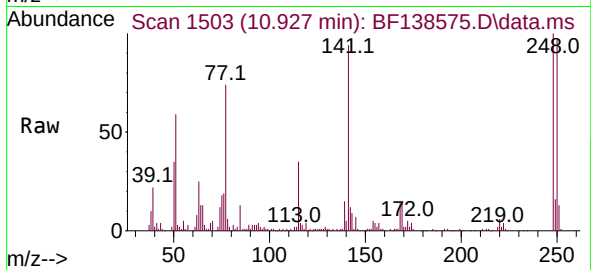




#67
4-Bromophenyl-phenylether
Concen: 25.760 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

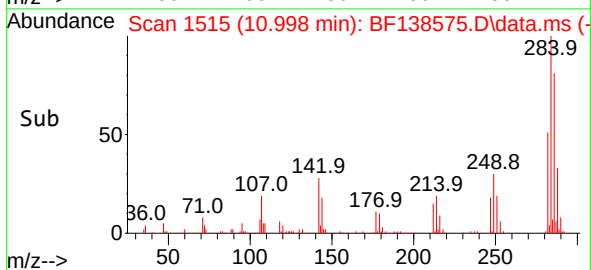
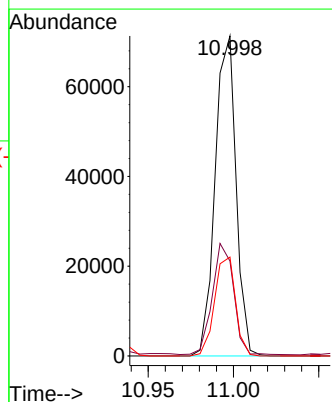
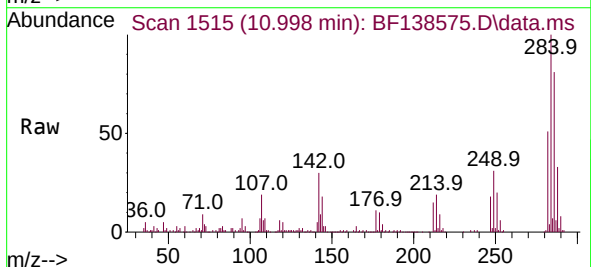
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

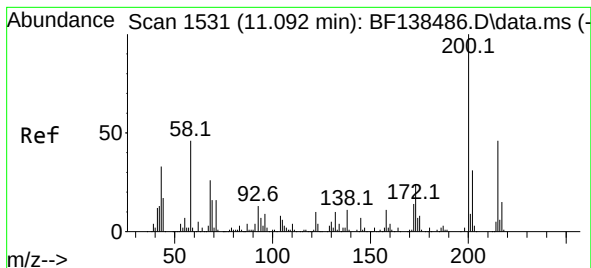
Tgt Ion:248 Resp: 60358
Ion Ratio Lower Upper
248 100
250 96.9 77.9 116.9
141 93.9 67.7 101.5



#68
Hexachlorobenzene
Concen: 23.411 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:284 Resp: 60939
Ion Ratio Lower Upper
284 100
142 29.7 30.5 45.7#
249 30.9 25.9 38.9





#69

Atrazine

Concen: 25.518 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

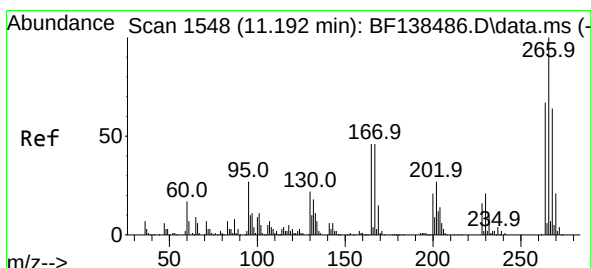
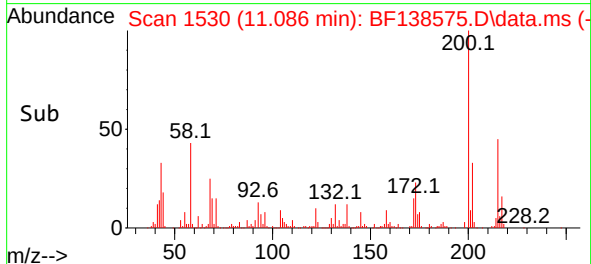
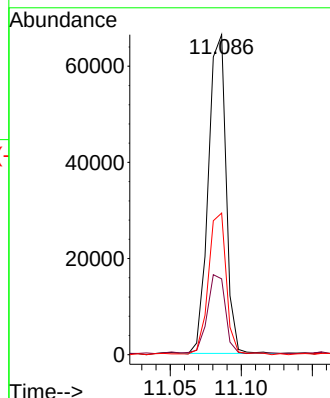
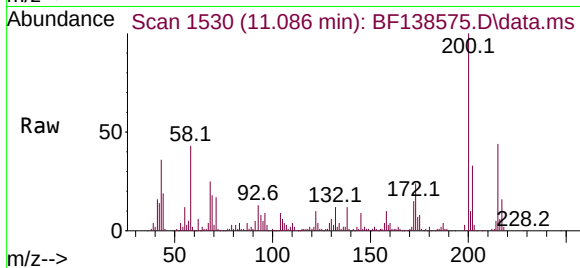
Tgt Ion:200 Resp: 57786

Ion Ratio Lower Upper

200 100

173 23.7 4.1 44.1

215 44.2 26.5 66.5



#70

Pentachlorophenol

Concen: 36.622 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

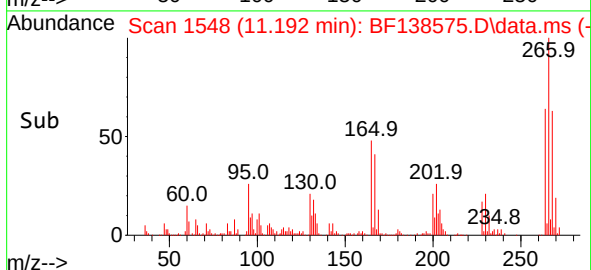
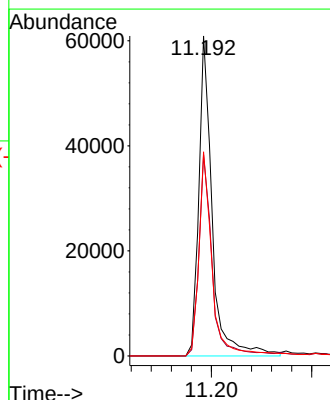
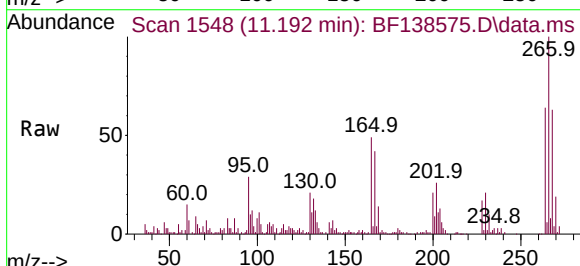
Tgt Ion:266 Resp: 56408

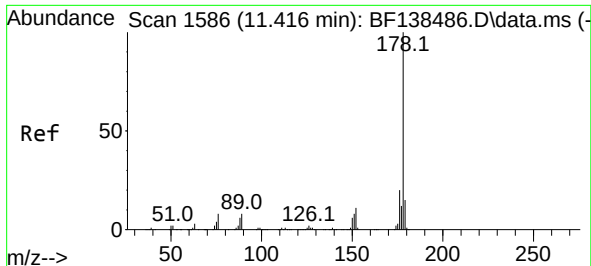
Ion Ratio Lower Upper

266 100

268 62.8 50.9 76.3

264 63.8 53.5 80.3

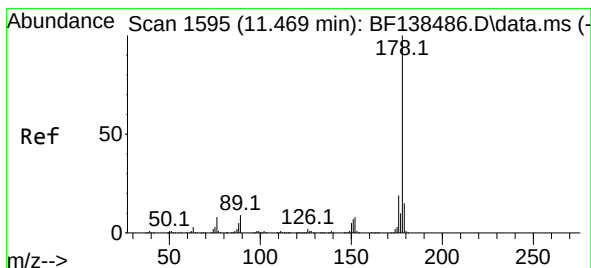
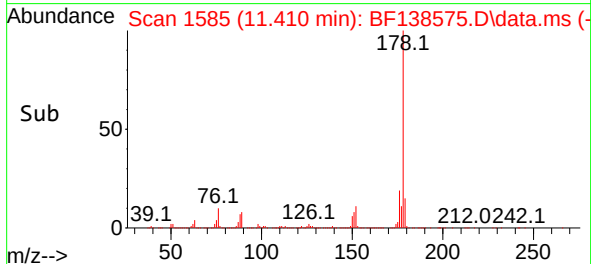
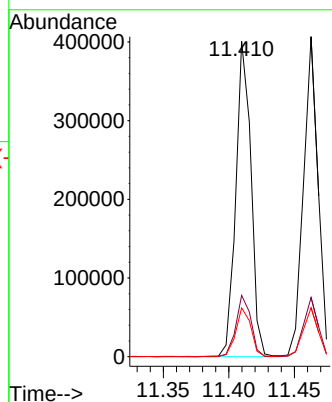
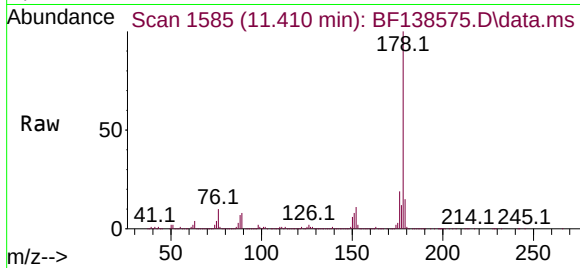




#71
Phenanthrene
Concen: 28.003 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

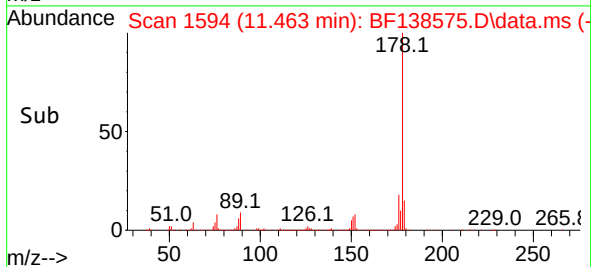
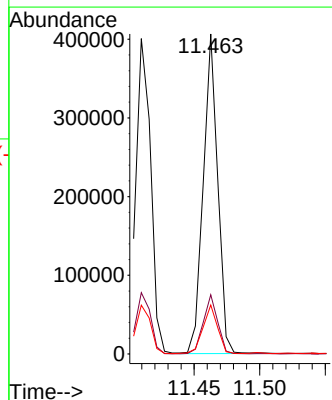
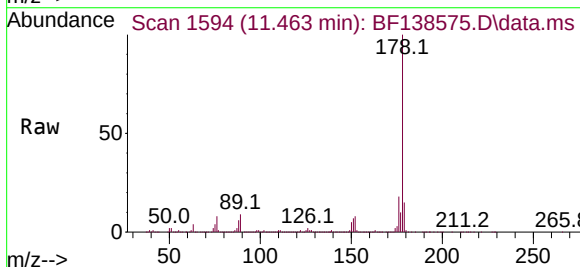
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

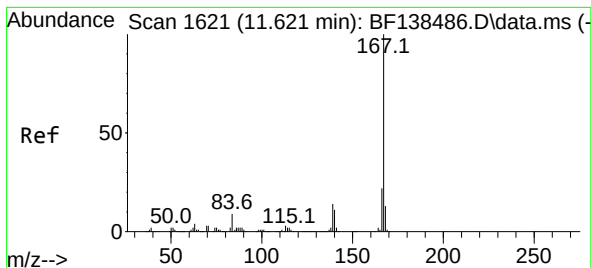
Tgt Ion:178 Resp: 322517
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.5 12.2 18.2



#72
Anthracene
Concen: 27.351 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:178 Resp: 312701
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.2 18.4





#73

Carbazole

Concen: 26.655 ng

RT: 11.621 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

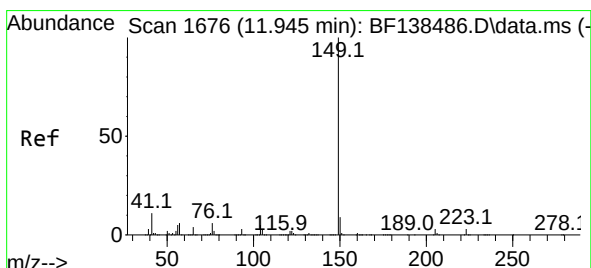
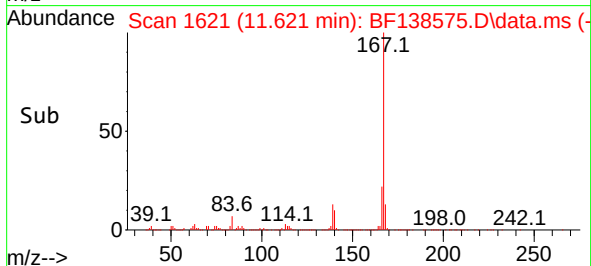
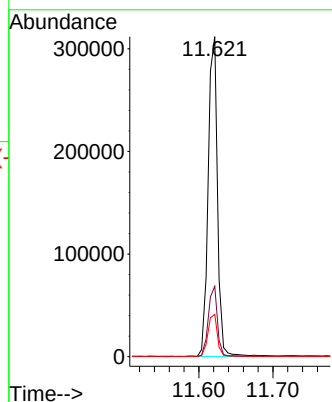
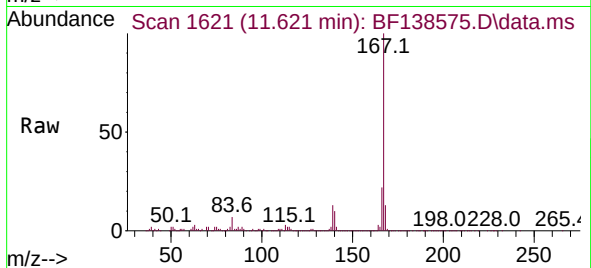
Tgt Ion:167 Resp: 273858

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

139 13.2 11.0 16.4



#74

Di-n-butylphthalate

Concen: 28.425 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

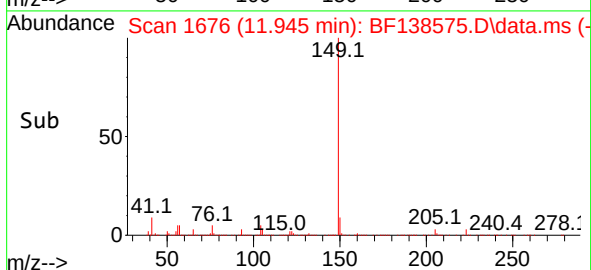
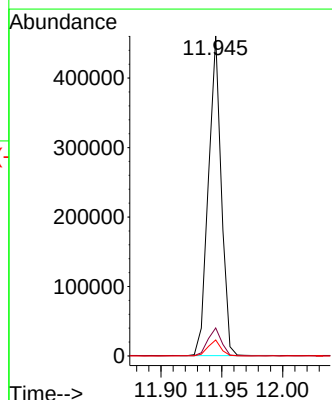
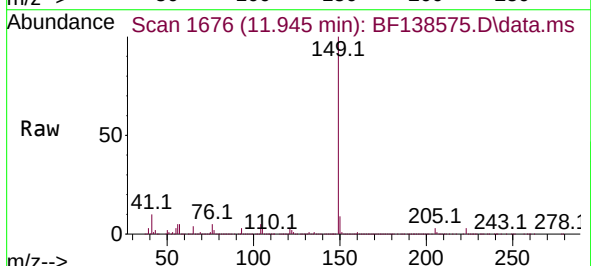
Tgt Ion:149 Resp: 336635

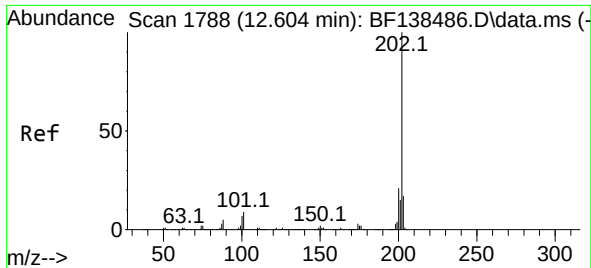
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.0

104 5.0 4.4 6.6

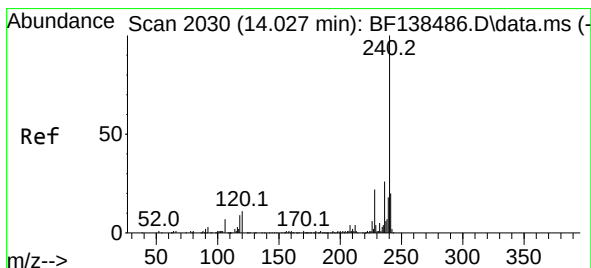
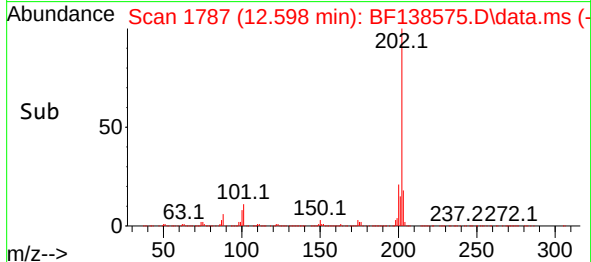
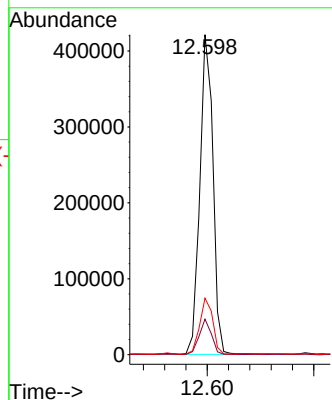
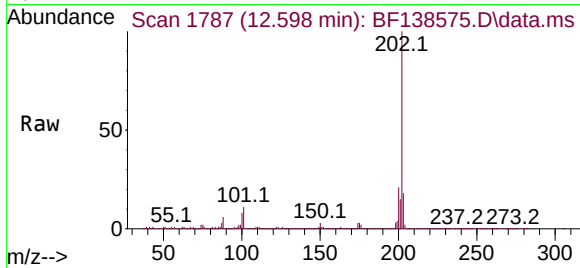




#75
Fluoranthene
Concen: 30.762 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

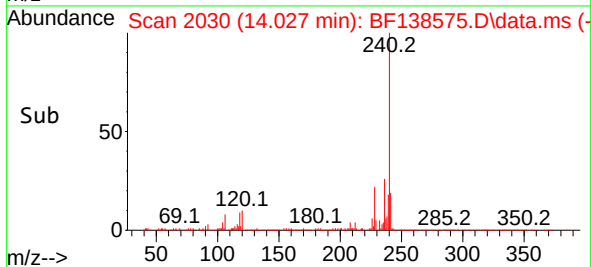
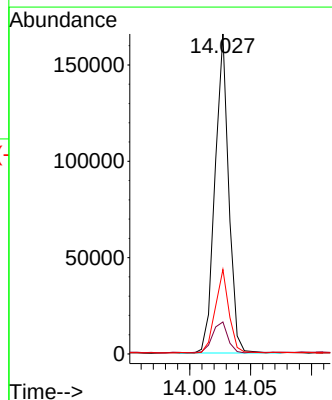
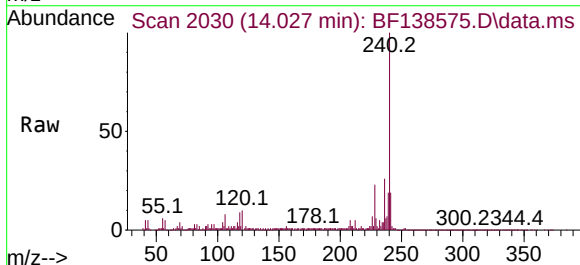
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MS

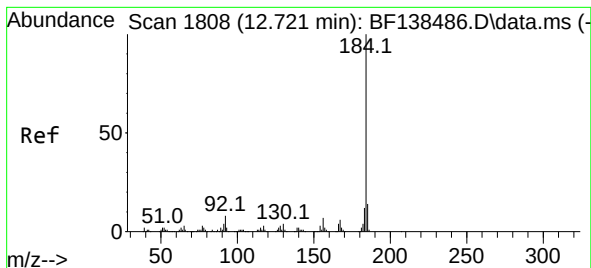
Tgt Ion:202 Resp: 361517
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.2
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138575.D
Acq: 15 Jul 2024 18:45

Tgt Ion:240 Resp: 129940
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 26.4 21.0 31.6





#77

Benzidine

Concen: 2.976 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

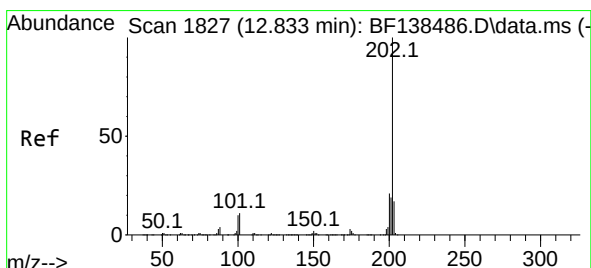
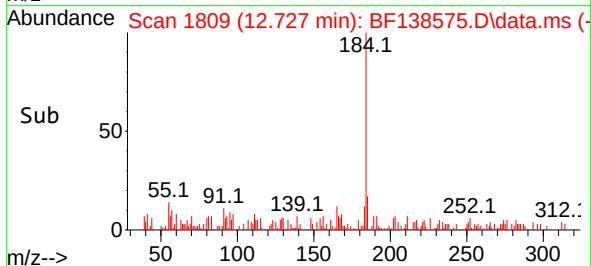
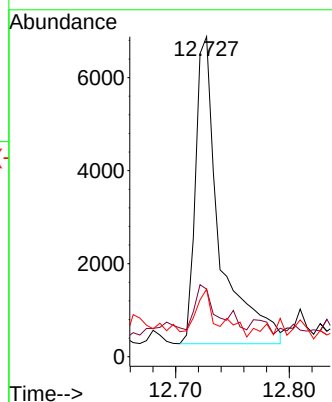
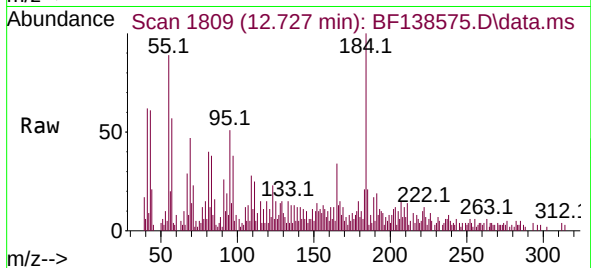
Tgt Ion:184 Resp: 9758

Ion Ratio Lower Upper

184 100

185 21.1 11.3 16.9#

183 21.1 9.5 14.3#



#78

Pyrene

Concen: 27.303 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

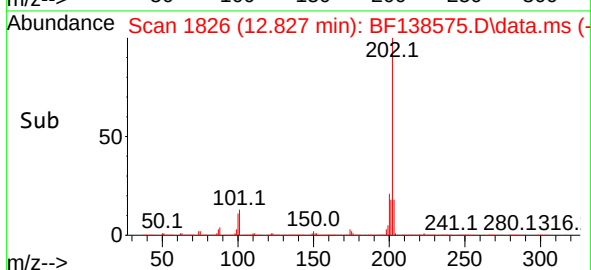
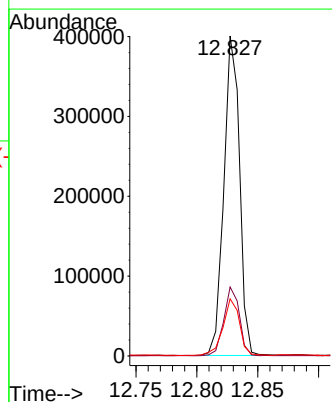
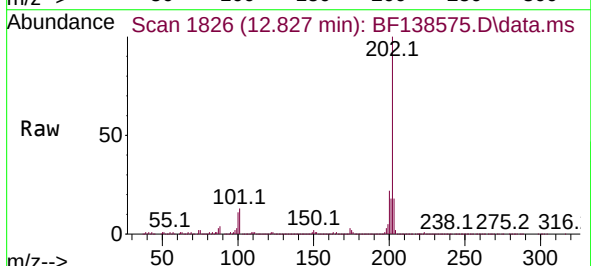
Tgt Ion:202 Resp: 360142

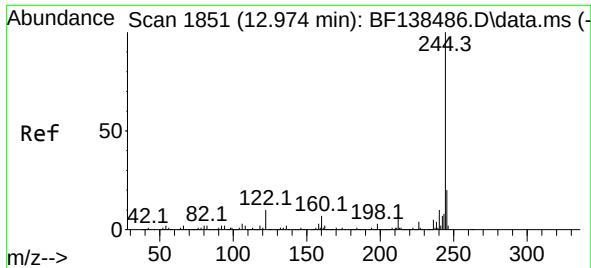
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.9 13.7 20.5

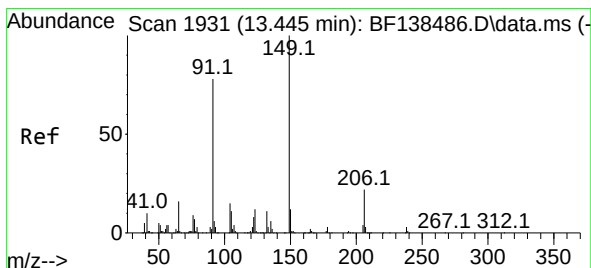
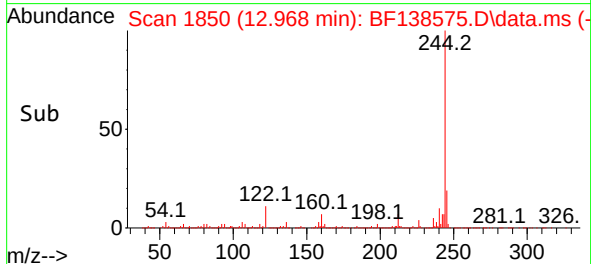
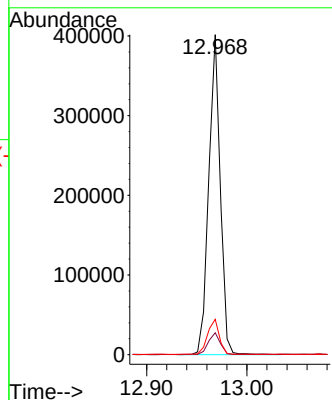
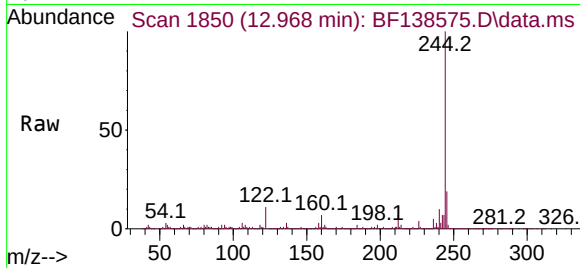




#79
 Terphenyl-d14
 Concen: 40.373 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138575.D
 Acq: 15 Jul 2024 18:45

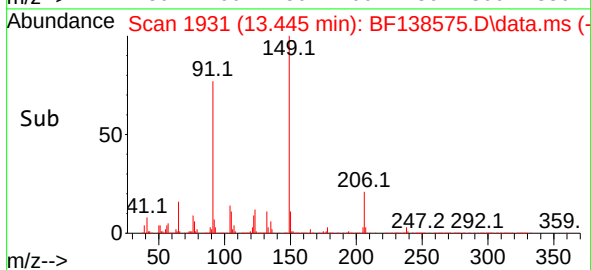
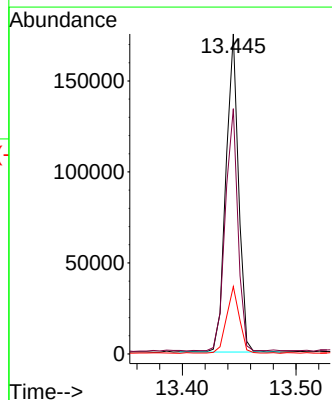
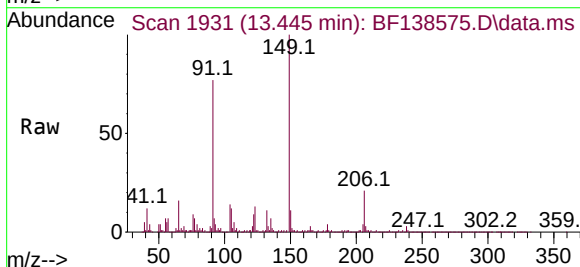
Instrument :
 BNA_F
 ClientSampleId :
 PAT-DIS-01-07112024MS

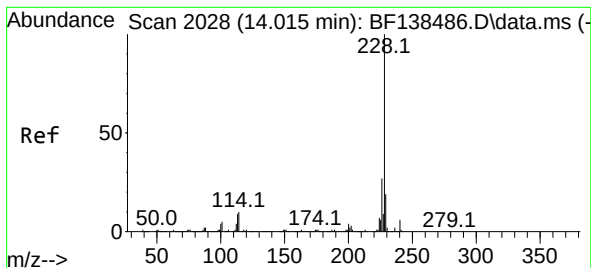
Tgt Ion:244 Resp: 322021
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.1 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 34.322 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF138575.D
 Acq: 15 Jul 2024 18:45

Tgt Ion:149 Resp: 136189
 Ion Ratio Lower Upper
 149 100
 91 76.7 62.1 93.1
 206 21.1 18.0 27.0





#81

Benzo(a)anthracene

Concen: 28.049 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

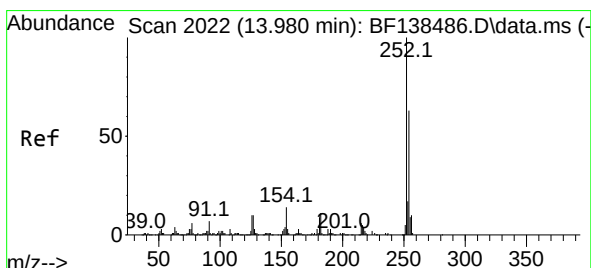
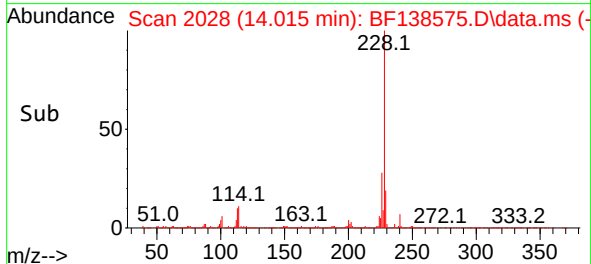
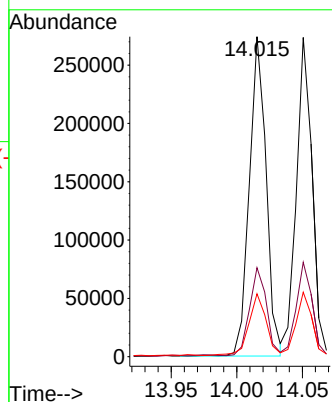
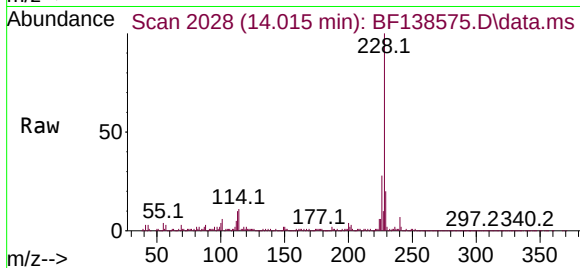
Tgt Ion:228 Resp: 244556

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 20.875 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

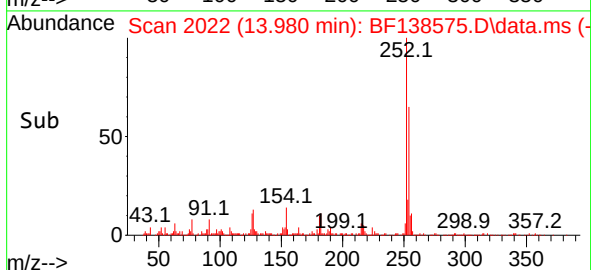
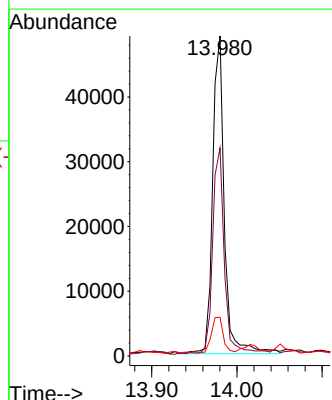
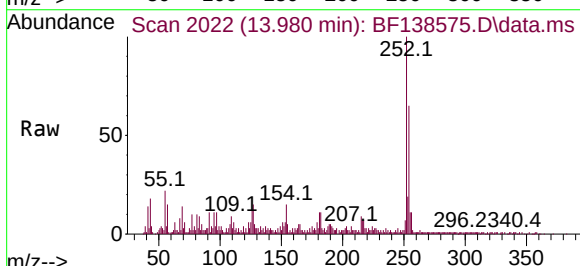
Tgt Ion:252 Resp: 46898

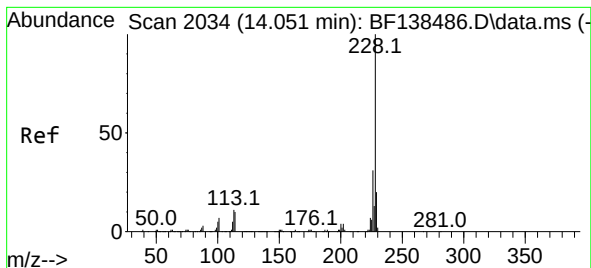
Ion Ratio Lower Upper

252 100

254 64.9 50.3 75.5

126 12.1 8.1 12.1





#83

Chrysene

Concen: 27.565 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

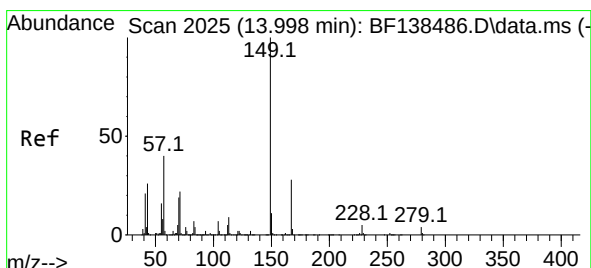
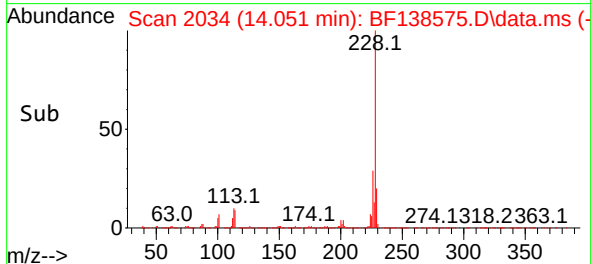
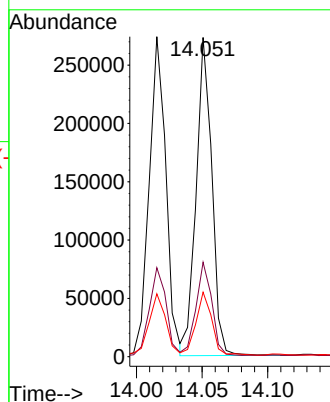
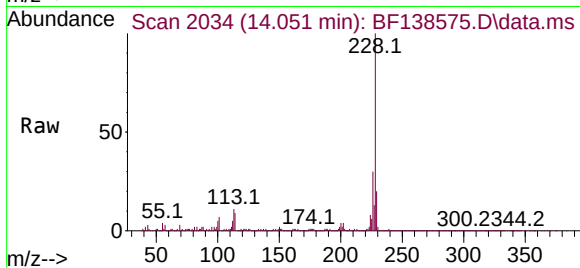
Tgt Ion:228 Resp: 227365

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.805 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

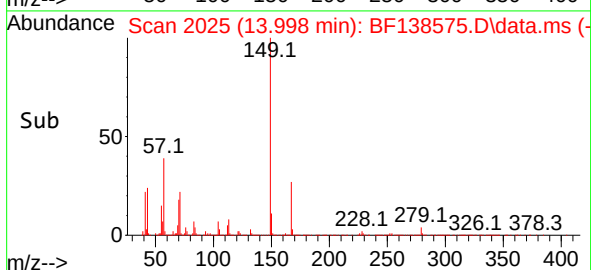
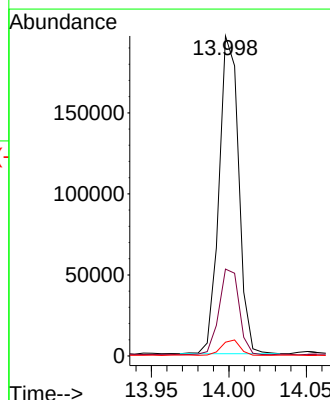
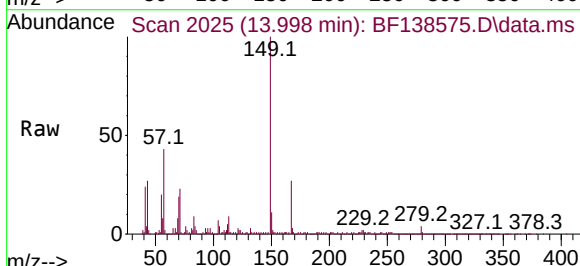
Tgt Ion:149 Resp: 172683

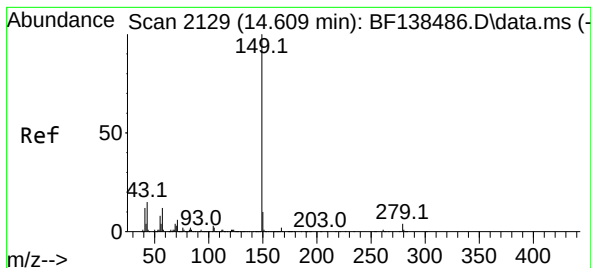
Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 36.679 ng

RT: 14.615 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

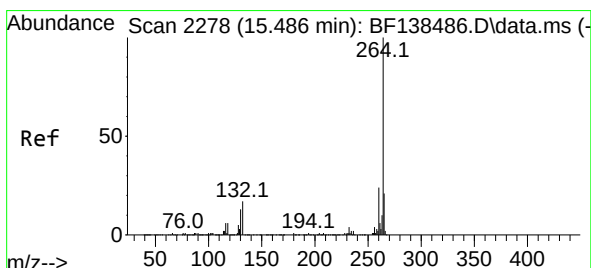
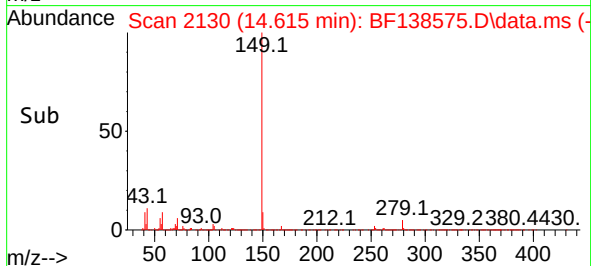
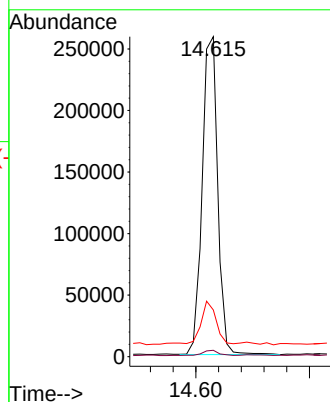
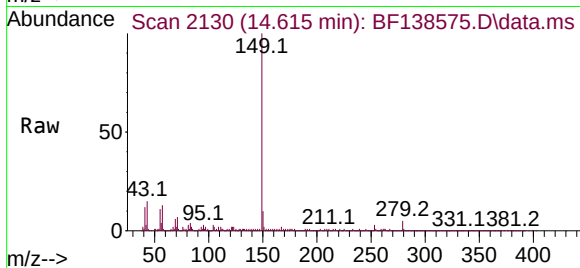
Tgt Ion:149 Resp: 245216

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.8 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

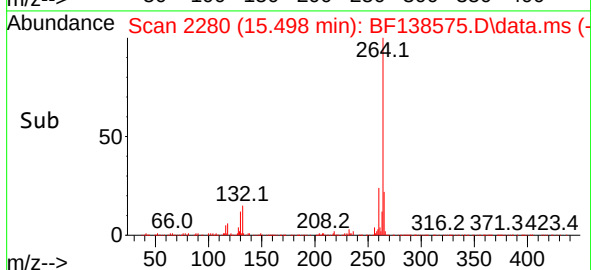
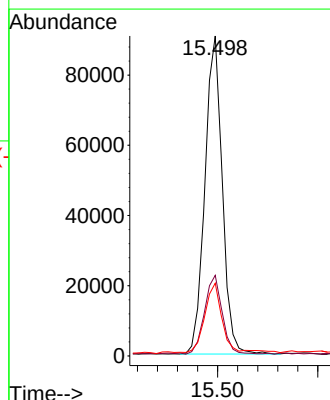
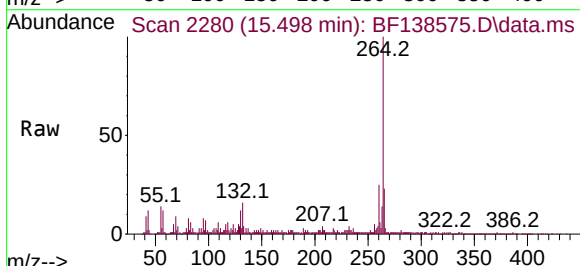
Tgt Ion:264 Resp: 109438

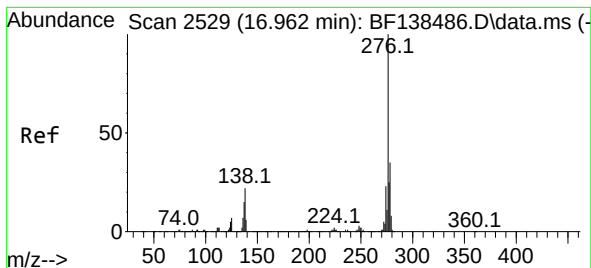
Ion Ratio Lower Upper

264 100

260 25.2 19.0 28.6

265 22.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 23.128 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

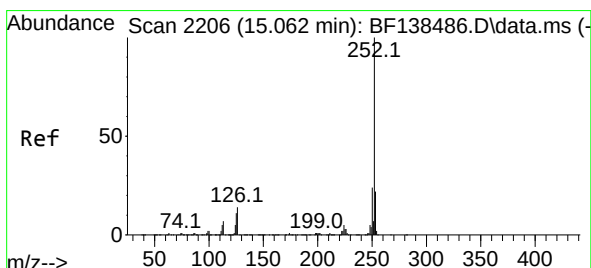
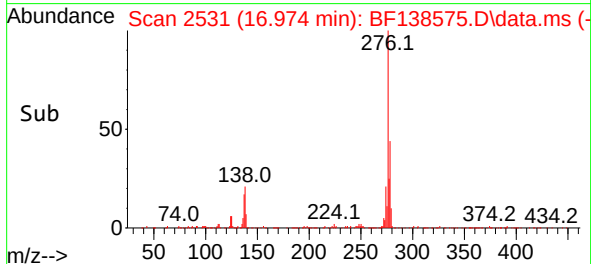
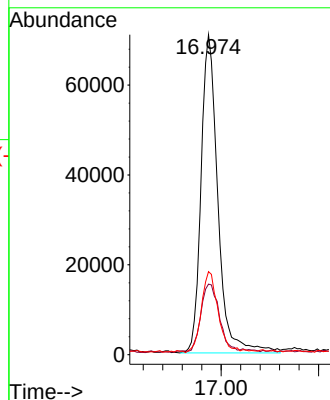
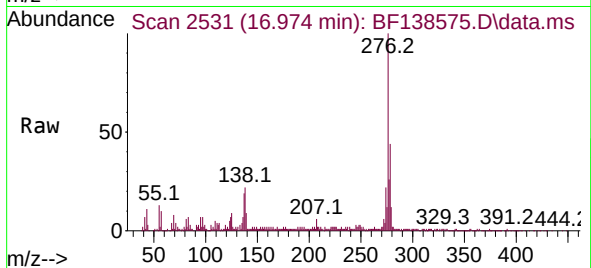
Tgt Ion:276 Resp: 170016

Ion Ratio Lower Upper

276 100

138 23.7 19.6 29.4

277 25.8 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 29.483 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

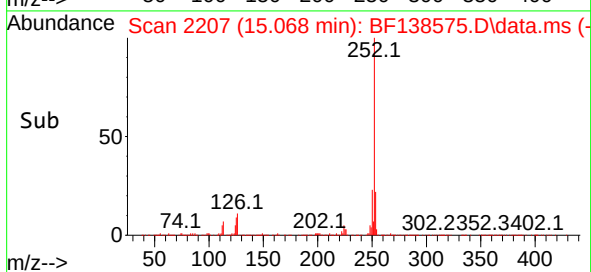
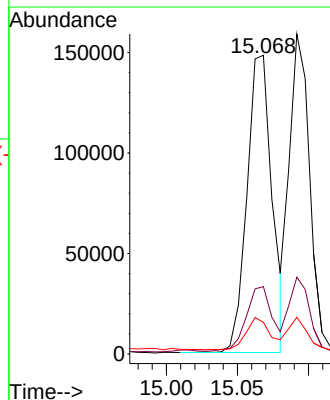
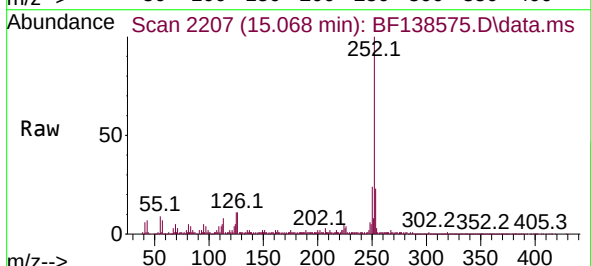
Tgt Ion:252 Resp: 181709

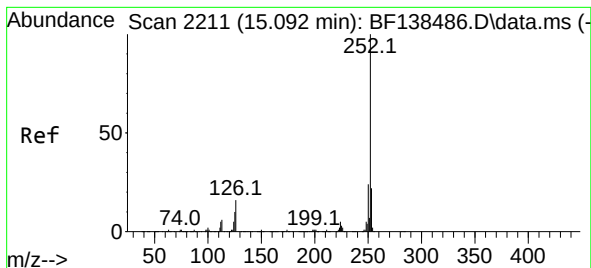
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 10.6 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 26.610 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

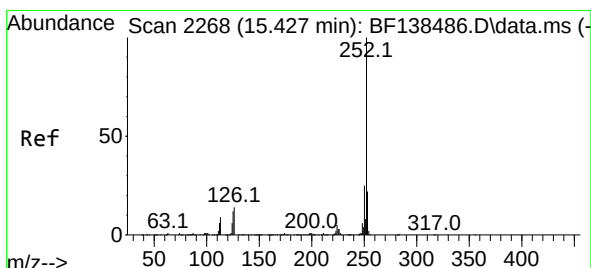
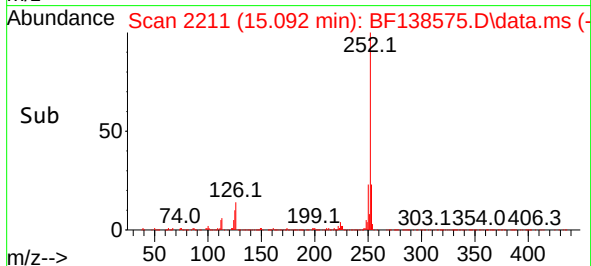
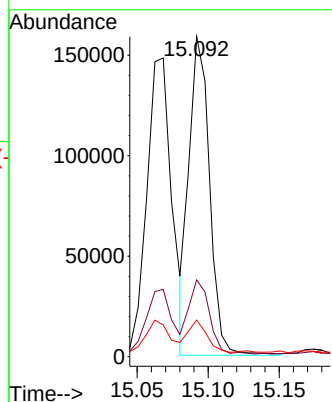
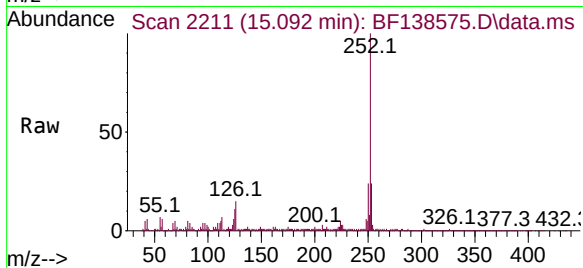
Tgt Ion:252 Resp: 159952

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

125 11.4 8.1 12.1



#90

Benzo(a)pyrene

Concen: 28.018 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

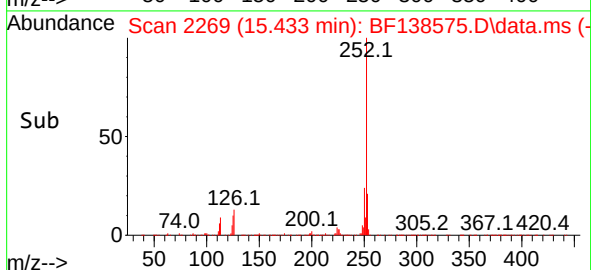
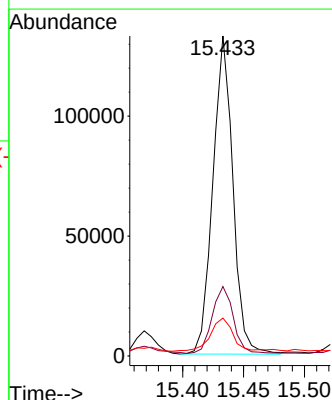
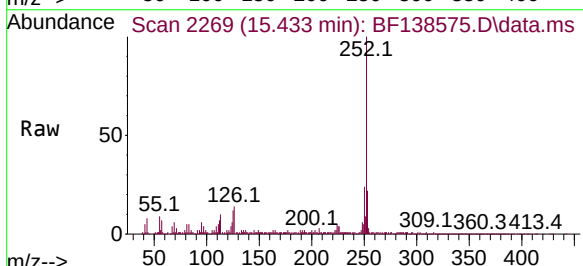
Tgt Ion:252 Resp: 151694

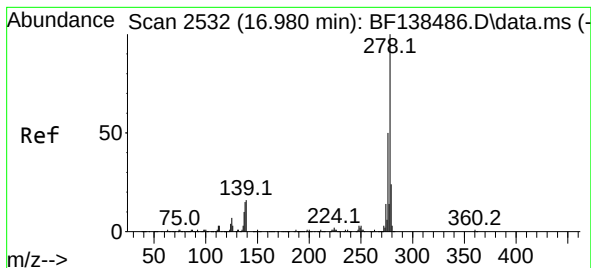
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 22.507 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024MS

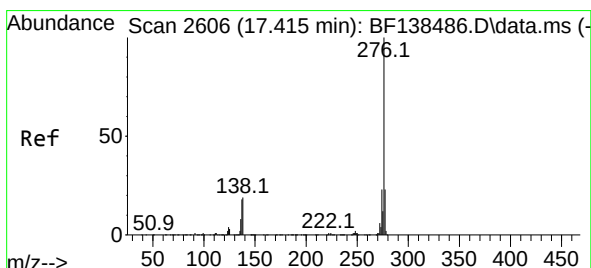
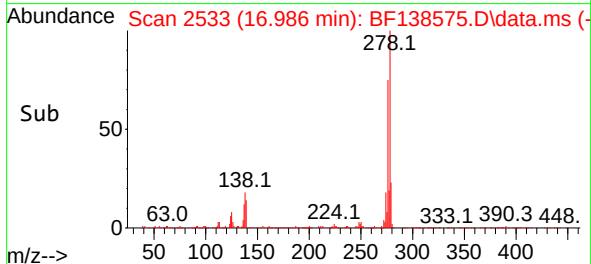
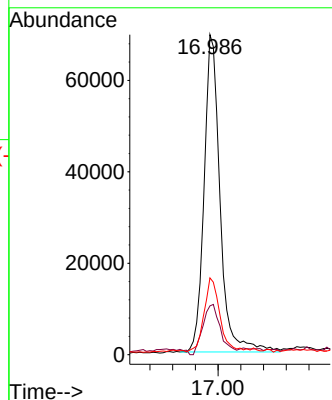
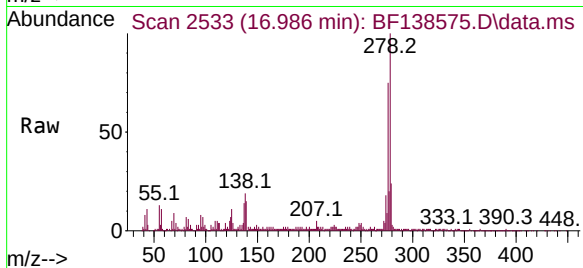
Tgt Ion:278 Resp: 135341

Ion Ratio Lower Upper

278 100

139 15.3 12.8 19.2

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 19.386 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.006 min

Lab File: BF138575.D

Acq: 15 Jul 2024 18:45

Tgt Ion:276 Resp: 123613

Ion Ratio Lower Upper

276 100

277 25.4 18.0 27.0

138 19.1 15.5 23.3

