

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142373.D
 Acq On : 14 May 2025 18:41
 Operator : RC/JU
 Sample : Q2001-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A4-03-CMSD

Quant Time: May 15 01:02:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	179060	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	701472	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	425907	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	786136	20.000	ng	0.00
76) Chrysene-d12	14.069	240	511971	20.000	ng	0.00
86) Perylene-d12	15.557	264	442353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1200952	114.493	ng	0.02
7) Phenol-d6	6.528	99	1430117	110.853	ng	0.00
23) Nitrobenzene-d5	7.463	82	988742	85.963	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	634330	154.261	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2169889	72.645	ng	0.00
79) Terphenyl-d14	13.016	244	2609910	75.452	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	146687	31.055	ng	# 82
3) Pyridine	3.540	79	370436	33.403	ng	97
4) n-Nitrosodimethylamine	3.481	42	233322	36.200	ng	93
6) Aniline	6.569	93	360093	28.457	ng	99
8) 2-Chlorophenol	6.687	128	499755	44.585	ng	98
9) Benzaldehyde	6.451	77	201752	26.720	ng	# 84
10) Phenol	6.540	94	551307	40.314	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	516122	38.272	ng	98
12) 1,3-Dichlorobenzene	6.840	146	451445	35.204	ng	99
13) 1,4-Dichlorobenzene	6.916	146	460914	35.798	ng	100
14) 1,2-Dichlorobenzene	7.069	146	451502	36.533	ng	100
15) Benzyl Alcohol	7.040	79	424218	50.781	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	762169	37.846	ng	98
17) 2-Methylphenol	7.151	107	401571	44.251	ng	98
18) Hexachloroethane	7.416	117	170275	39.747	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	351225	44.013	ng	99
20) 3+4-Methylphenols	7.298	107	504402	44.536	ng	96
22) Acetophenone	7.310	105	672460	43.115	ng	98
24) Nitrobenzene	7.481	77	502910	46.385	ng	97
25) Isophorone	7.722	82	1013860	46.549	ng	99
26) 2-Nitrophenol	7.798	139	269199	51.213	ng	99
27) 2,4-Dimethylphenol	7.834	122	531200	48.508	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	619391	44.225	ng	99
29) 2,4-Dichlorophenol	8.040	162	469349	50.413	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	446142	42.580	ng	98
31) Naphthalene	8.216	128	6414852	188.687	ng	95
32) Benzoic acid	7.945	122	344365	55.919	ng	99
33) 4-Chloroaniline	8.257	127	304277m	21.934	ng	
34) Hexachlorobutadiene	8.322	225	256194	41.293	ng	100
35) Caprolactam	8.622	113	146780m	54.096	ng	
36) 4-Chloro-3-methylphenol	8.734	107	502825	51.956	ng	99
37) 2-Methylnaphthalene	8.898	142	1610135	76.218	ng	99
38) 1-Methylnaphthalene	8.998	142	1657888	75.296	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	482550	40.567	ng	99
41) Hexachlorocyclopentadiene	9.051	237	610197	83.003	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	371527	49.517	ng	99

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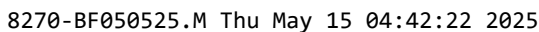
Instrument :
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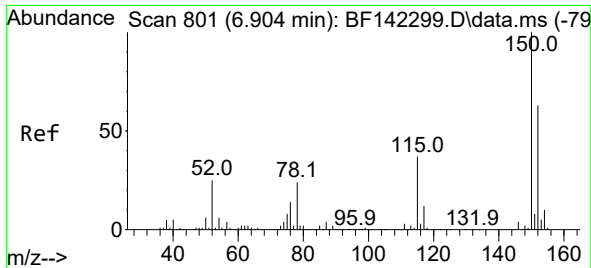
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 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	386591	48.425	ng	100
46) 1,1'-Biphenyl	9.363	154	1457266	44.625	ng	99
47) 2-Chloronaphthalene	9.387	162	1022257	42.093	ng	99
48) 2-Nitroaniline	9.481	65	338524	54.382	ng	92
49) Acenaphthylene	9.804	152	1864675	45.898	ng	99
50) Dimethylphthalate	9.663	163	1342328	49.082	ng	100
51) 2,6-Dinitrotoluene	9.722	165	293039	57.243	ng	93
52) Acenaphthene	9.975	154	1493853	61.153	ng	100
53) 3-Nitroaniline	9.892	138	240523	40.062	ng	96
54) 2,4-Dinitrophenol	9.998	184	354302	127.284	ng	# 1
55) Dibenzofuran	10.145	168	1615499	44.811	ng	98
56) 4-Nitrophenol	10.051	139	496548	109.890	ng	95
57) 2,4-Dinitrotoluene	10.128	165	406148	61.852	ng	95
58) Fluorene	10.492	166	1377632	50.072	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	351224	53.294	ng	98
60) Diethylphthalate	10.363	149	1356138	49.654	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	604128	45.513	ng	99
62) 4-Nitroaniline	10.510	138	296414	62.292	ng	99
63) Azobenzene	10.639	77	1184720	45.394	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	217913	57.749	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1144480	43.750	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	401569	45.072	ng	96
68) Hexachlorobenzene	11.039	284	440242	44.921	ng	95
69) Atrazine	11.128	200	359696	52.162	ng	100
70) Pentachlorophenol	11.233	266	558643	108.355	ng	97
71) Phenanthrene	11.457	178	2044231	49.608	ng	100
72) Anthracene	11.504	178	1877139	44.334	ng	99
73) Carbazole	11.657	167	1768267	46.550	ng	100
74) Di-n-butylphthalate	11.986	149	2155058	53.952	ng	100
75) Fluoranthene	12.639	202	1947140	47.270	ng	100
77) Benzidine	12.775	184	112582m	12.100	ng	
78) Pyrene	12.869	202	1968238	43.191	ng	100
80) Butylbenzylphthalate	13.486	149	841069	62.081	ng	99
81) Benzo(a)anthracene	14.057	228	1565824	47.226	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	368885	47.843	ng	99
83) Chrysene	14.098	228	1340162	43.419	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1143777	64.450	ng	100
85) Di-n-octyl phthalate	14.663	149	1745181	54.601	ng	97
87) Indeno(1,2,3-cd)pyrene	17.063	276	1170623	38.042	ng	99
88) Benzo(b)fluoranthene	15.121	252	1295553	48.357	ng	99
89) Benzo(k)fluoranthene	15.151	252	1259782	51.383	ng	99
90) Benzo(a)pyrene	15.492	252	1183844	49.310	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	953494	37.507	ng	99
92) Benzo(g,h,i)perylene	17.521	276	871735	34.550	ng	97

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

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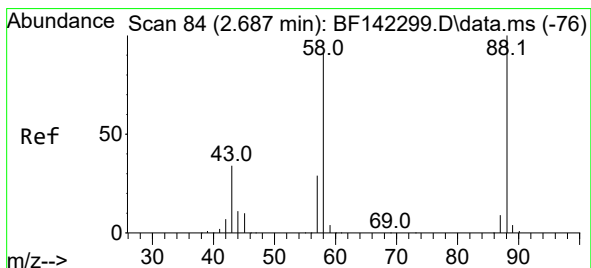
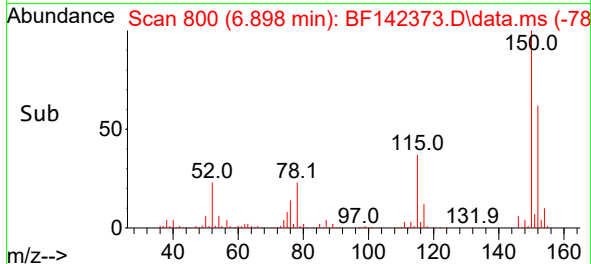
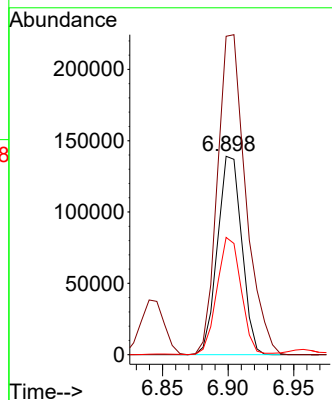
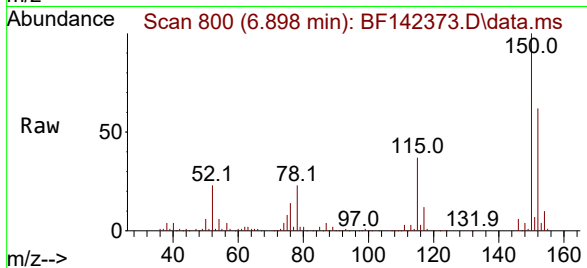




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142373.D
 Acq: 14 May 2025 18:41

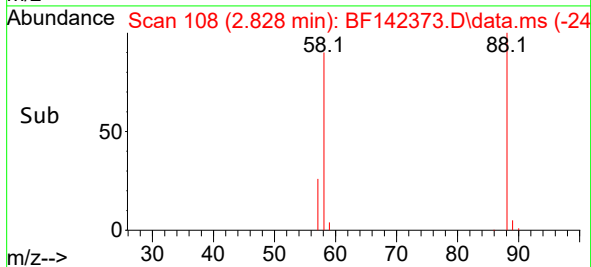
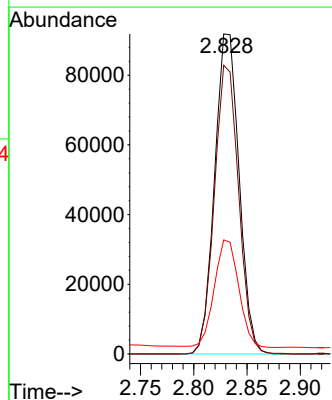
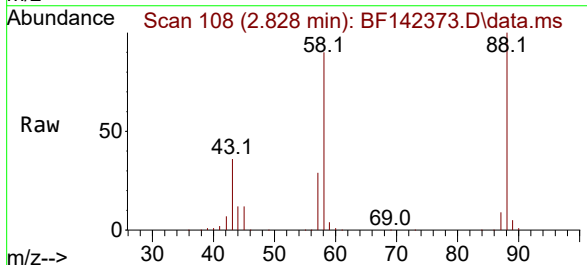
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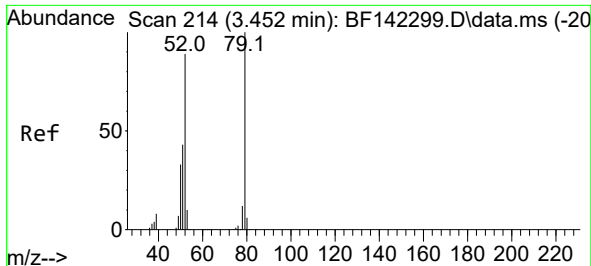
Tgt Ion:152 Resp: 179060
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.6 190.0
 115 59.1 47.3 70.9



#2
 1,4-Dioxane
 Concen: 31.055 ng
 RT: 2.828 min Scan# 108
 Delta R.T. 0.141 min
 Lab File: BF142373.D
 Acq: 14 May 2025 18:41

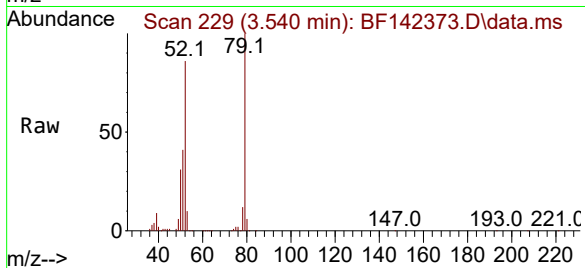
Tgt Ion: 88 Resp: 146687
 Ion Ratio Lower Upper
 88 100
 58 89.4 73.0 109.4
 43 0.0 27.8 41.6#



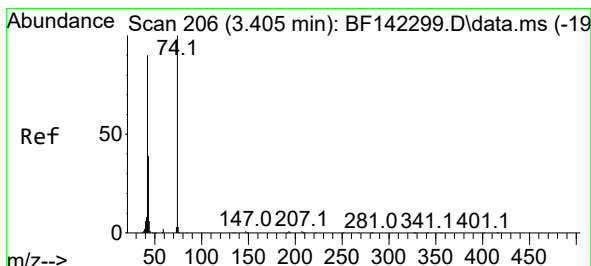
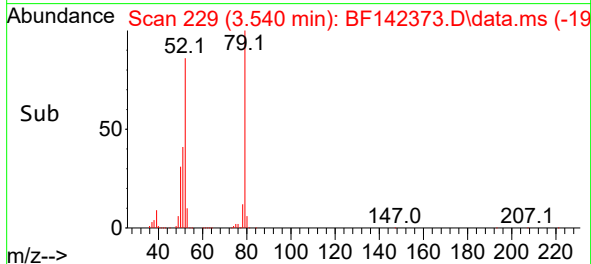
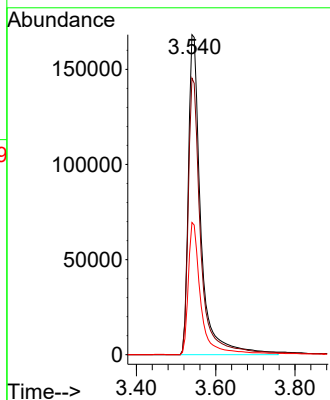


#3
Pyridine
Concen: 33.403 ng
RT: 3.540 min Scan# 214
Delta R.T. 0.088 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

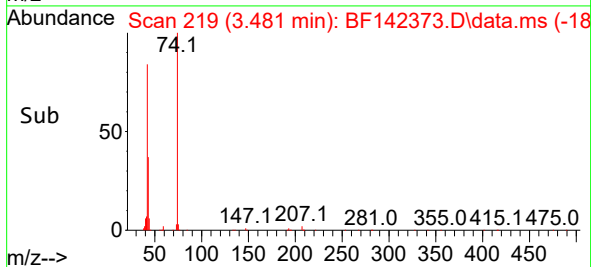
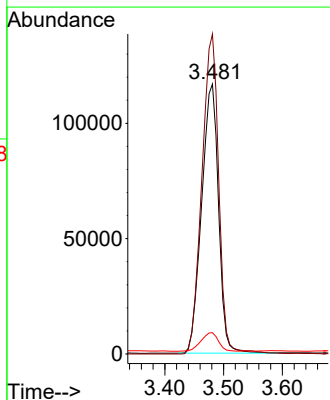
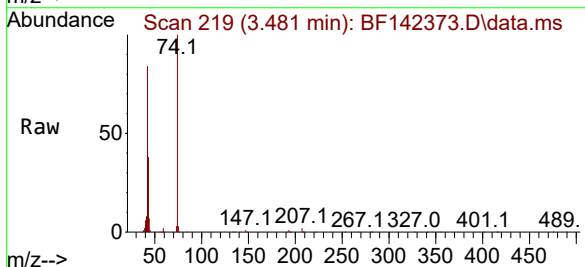


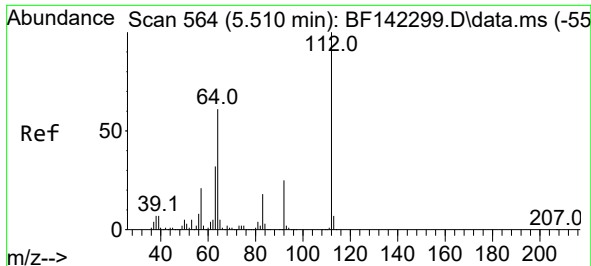
Tgt Ion: 79 Resp: 370436
Ion Ratio Lower Upper
79 100
52 86.4 71.0 106.4
51 41.3 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 36.200 ng
RT: 3.481 min Scan# 219
Delta R.T. 0.077 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 42 Resp: 233322
Ion Ratio Lower Upper
42 100
74 118.6 88.5 132.7
44 7.9 5.8 8.8

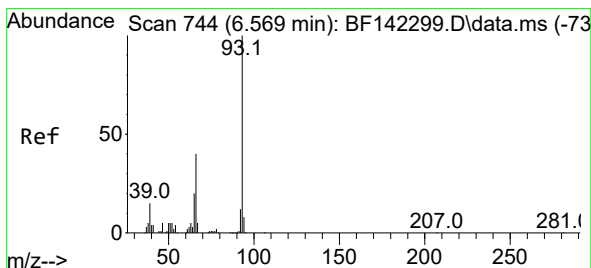
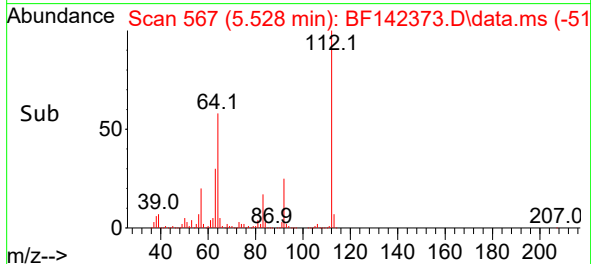
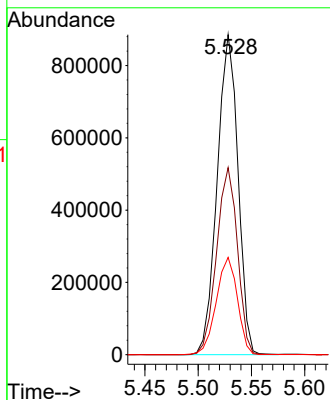
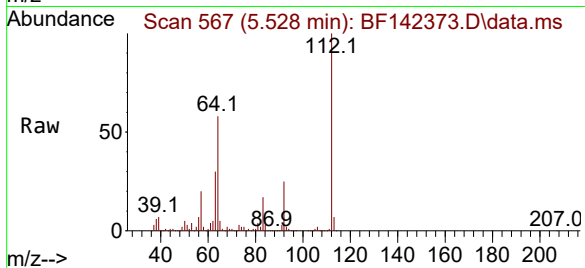




#5
2-Fluorophenol
Concen: 114.493 ng
RT: 5.528 min Scan# 509
Delta R.T. 0.018 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

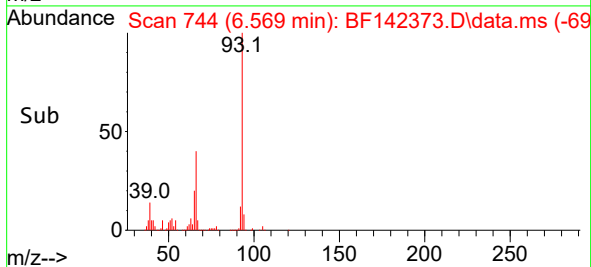
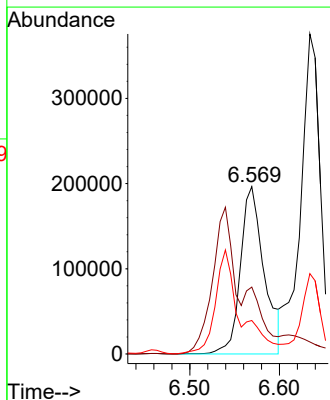
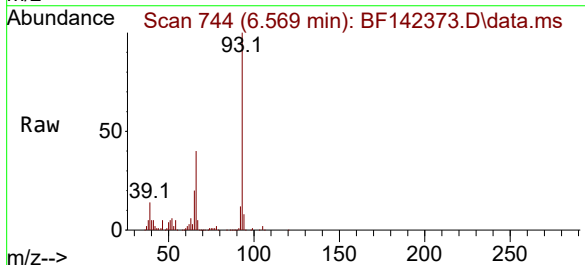
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ClientSampleId :
WC-A4-03-CMSD

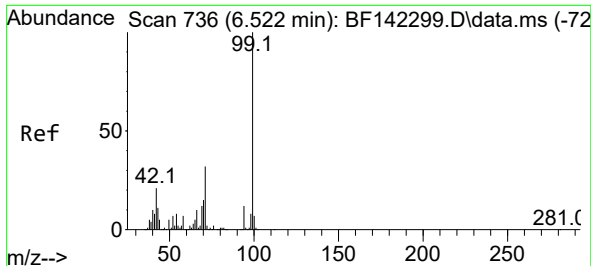
Tgt Ion:112 Resp: 1200952
Ion Ratio Lower Upper
112 100
64 58.4 48.9 73.3
63 30.4 25.6 38.4



#6
Aniline
Concen: 28.457 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 93 Resp: 360093
Ion Ratio Lower Upper
93 100
66 40.0 32.2 48.4
65 20.0 16.3 24.5

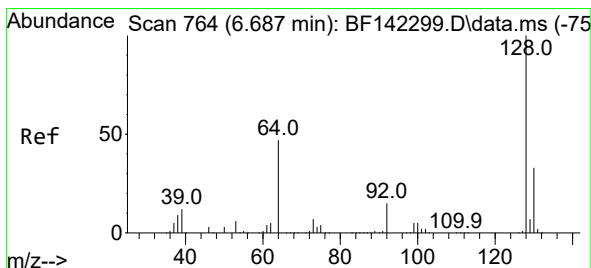
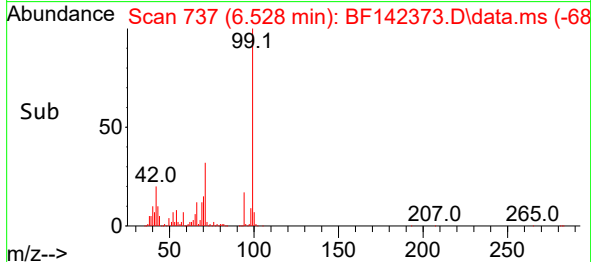
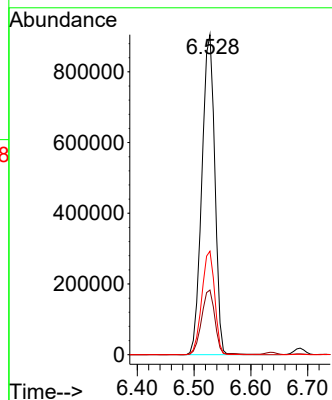
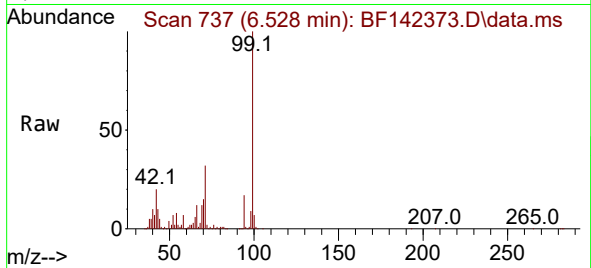




#7
Phenol-d6
Concen: 110.853 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

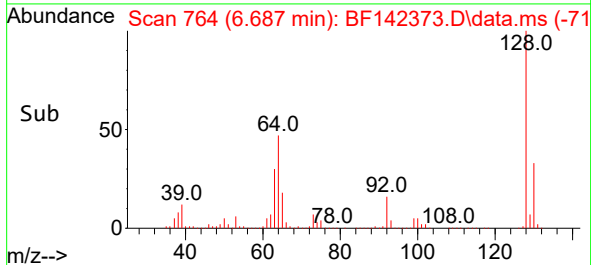
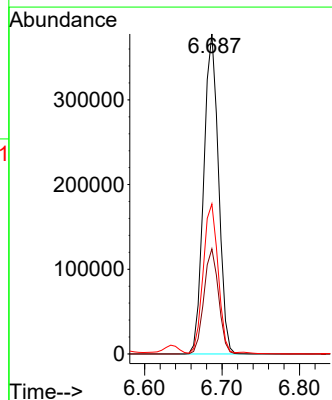
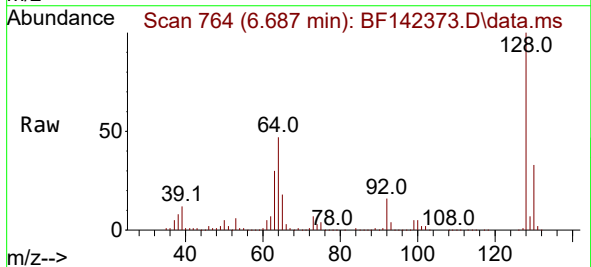
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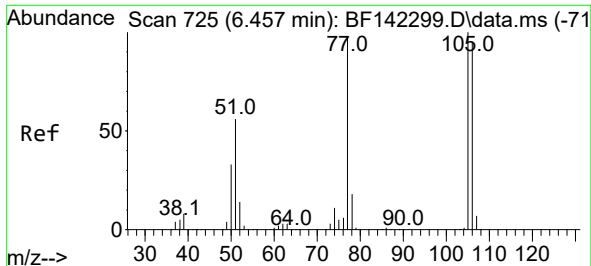
Tgt Ion: 99 Resp: 1430117
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.4
71 32.4 25.8 38.8



#8
2-Chlorophenol
Concen: 44.585 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:128 Resp: 499755
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 46.9 29.2 69.2

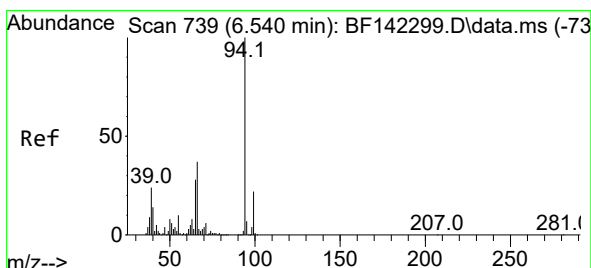
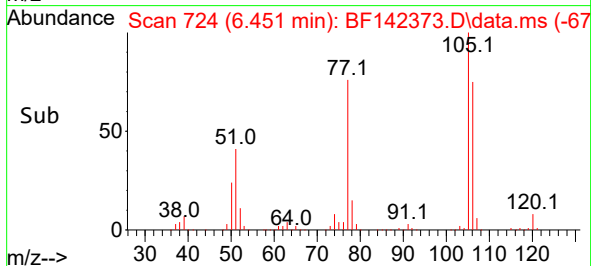
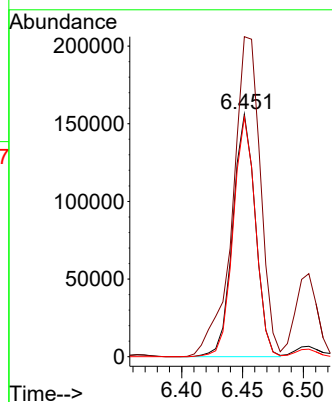
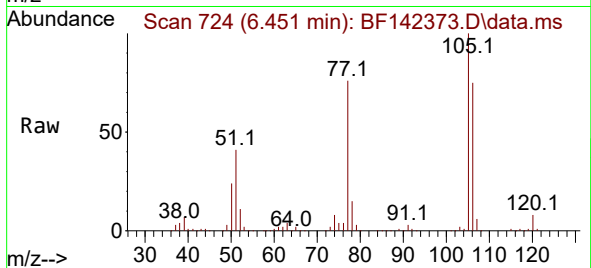




#9
Benzaldehyde
Concen: 26.720 ng
RT: 6.451 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

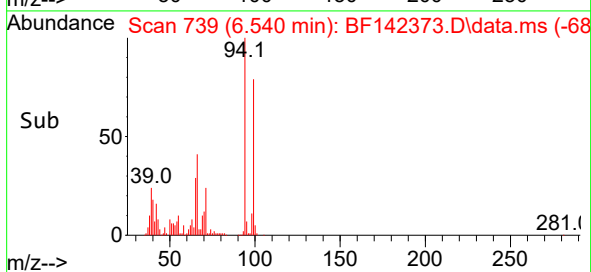
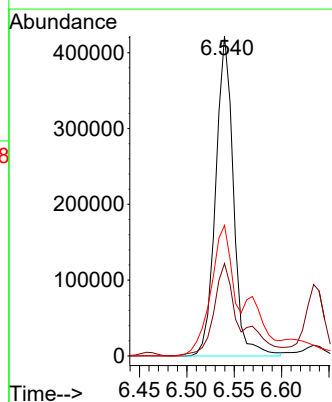
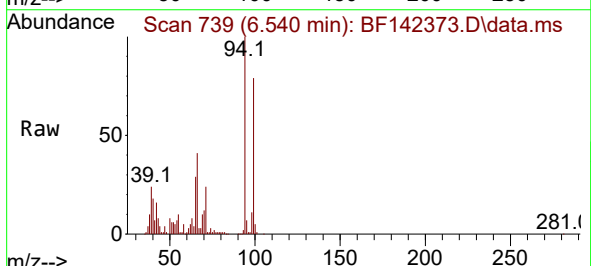
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ClientSampleId :
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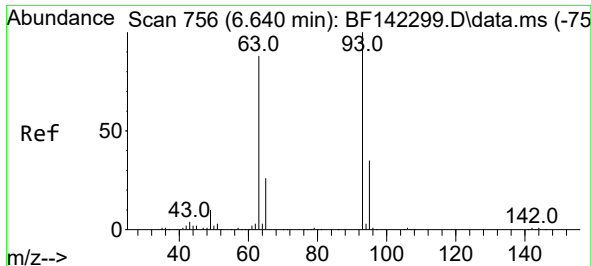
Tgt Ion: 77 Resp: 201752
Ion Ratio Lower Upper
77 100
105 131.9 82.0 122.0#
106 98.8 77.2 117.2



#10
Phenol
Concen: 40.314 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 94 Resp: 551307
Ion Ratio Lower Upper
94 100
65 28.9 8.5 48.5
66 40.8 17.3 57.3

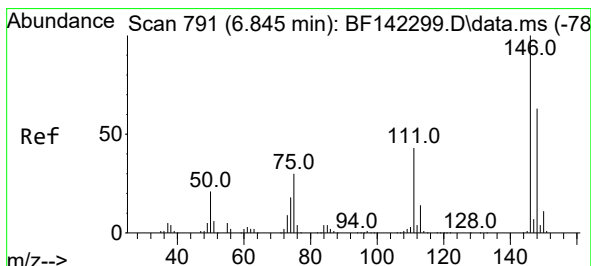
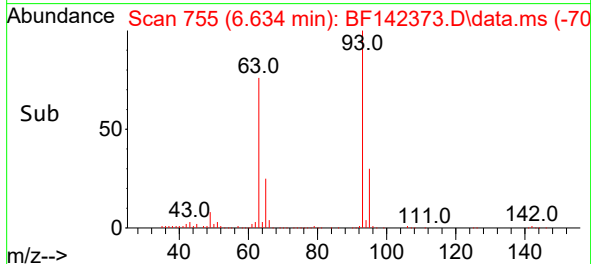
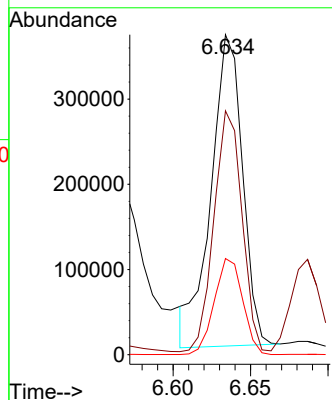
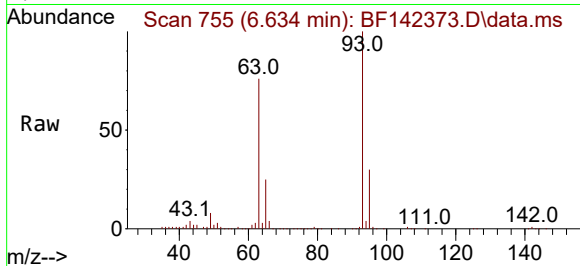




#11
bis(2-Chloroethyl)ether
Concen: 38.272 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

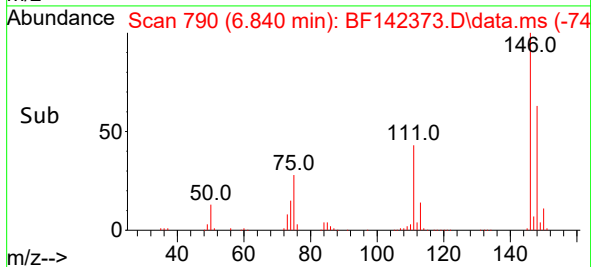
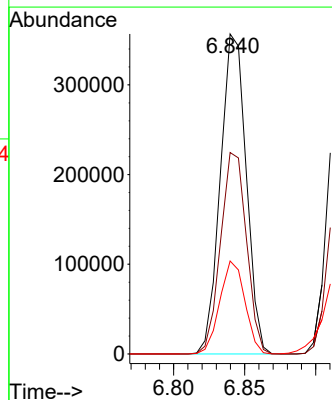
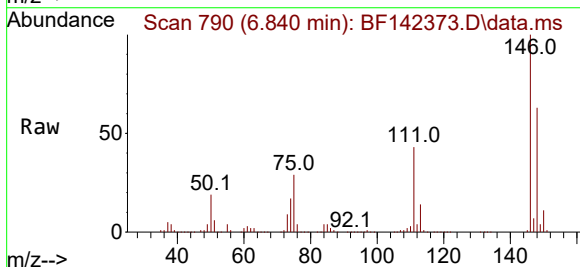
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

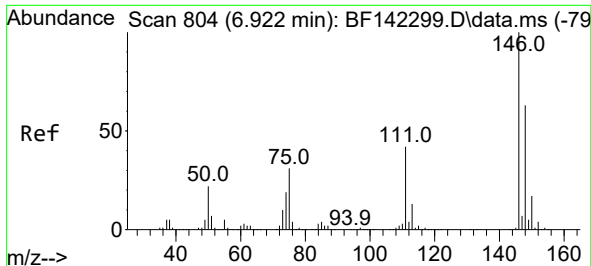
Tgt Ion: 93 Resp: 516122
Ion Ratio Lower Upper
93 100
63 76.2 58.4 98.4
95 30.1 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 35.204 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 146 Resp: 451445
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 29.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 35.798 ng

RT: 6.916 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

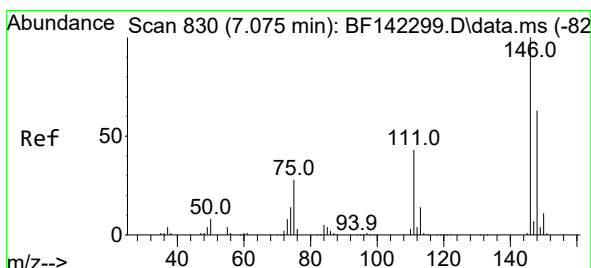
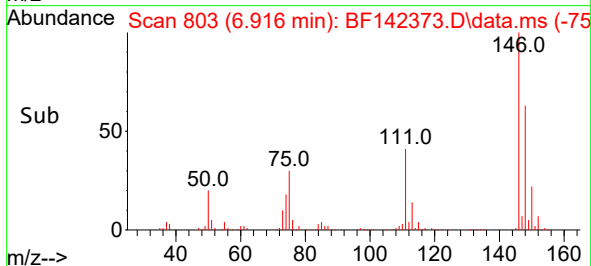
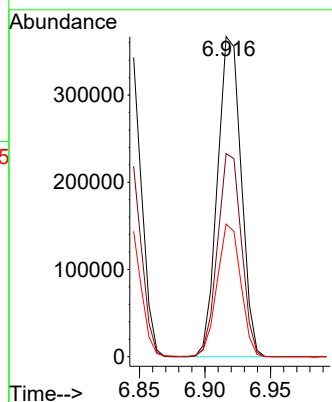
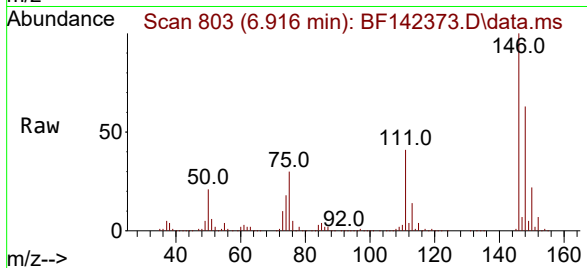
Tgt Ion:146 Resp: 460914

Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

111 41.4 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 36.533 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

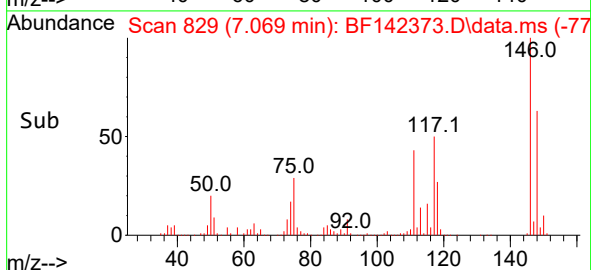
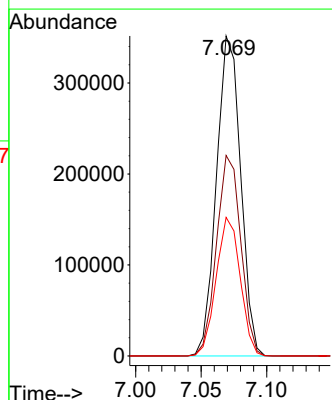
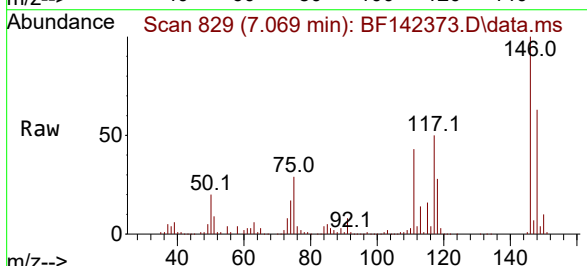
Tgt Ion:146 Resp: 451502

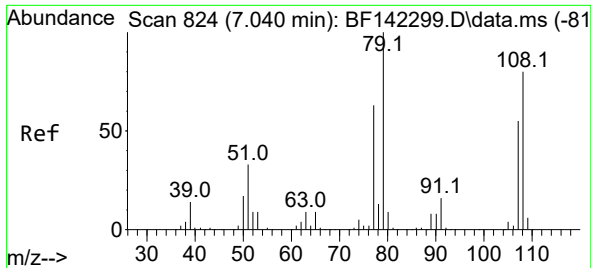
Ion Ratio Lower Upper

146 100

148 62.7 50.3 75.5

111 43.3 34.5 51.7

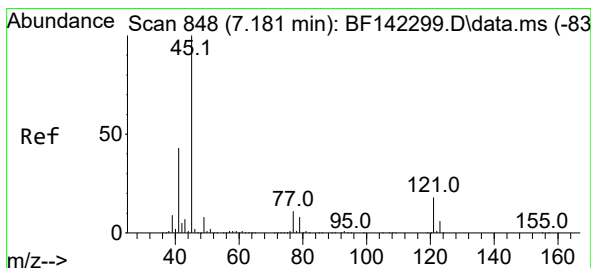
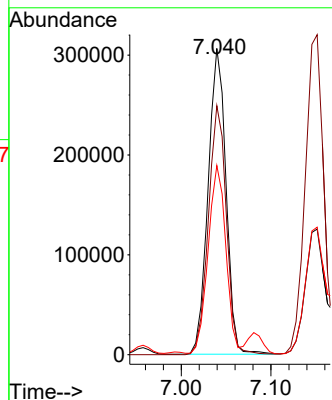
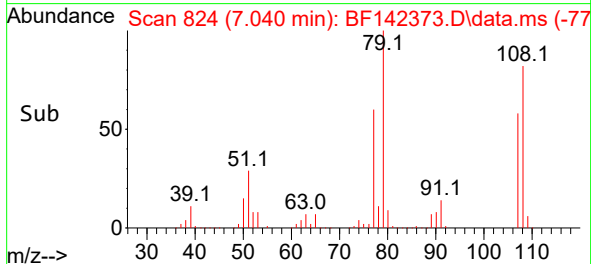
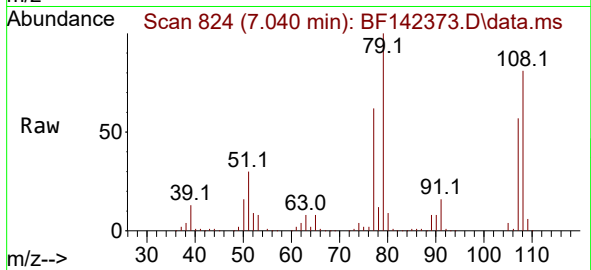




#15
Benzyl Alcohol
Concen: 50.781 ng
RT: 7.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

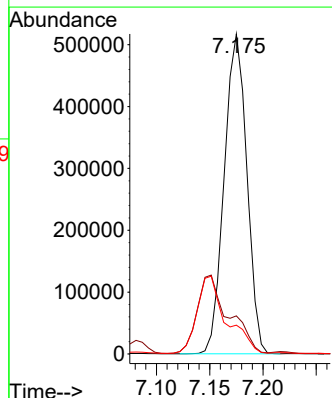
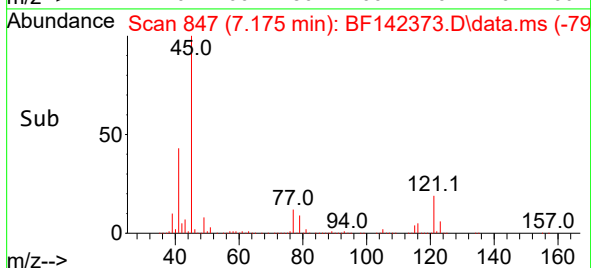
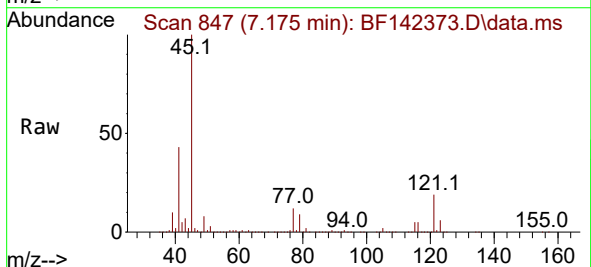
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

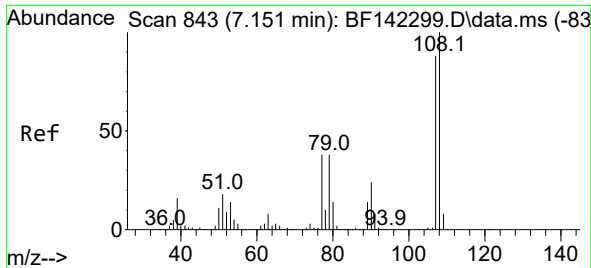
Tgt Ion: 79 Resp: 424218
Ion Ratio Lower Upper
79 100
108 81.3 63.9 95.9
77 61.8 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.846 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 45 Resp: 762169
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.2
79 9.0 0.0 28.5

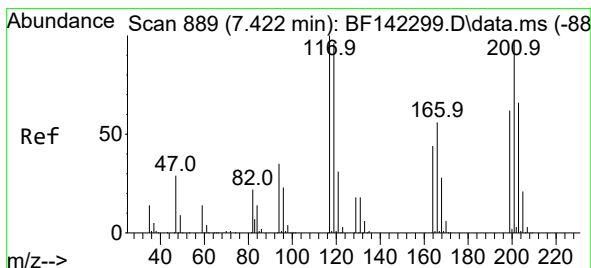
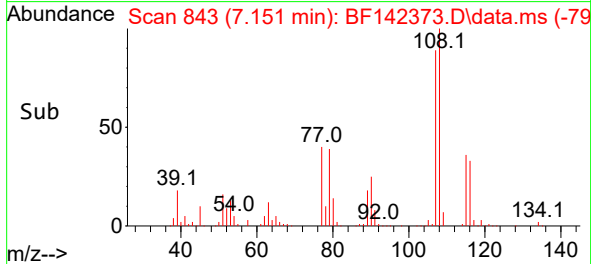
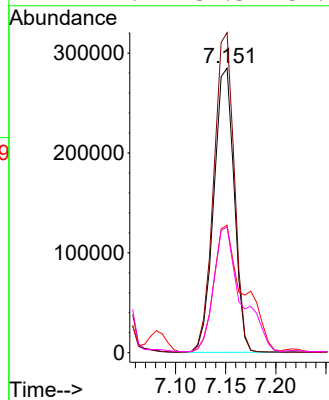
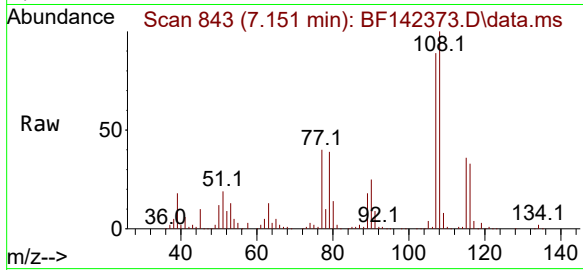




#17
2-Methylphenol
Concen: 44.251 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

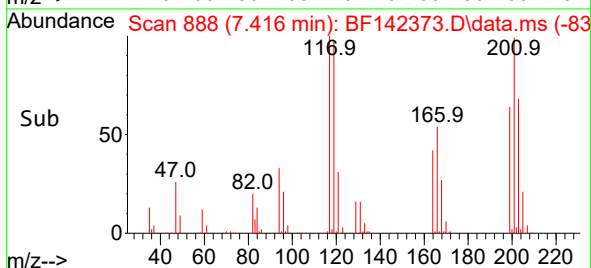
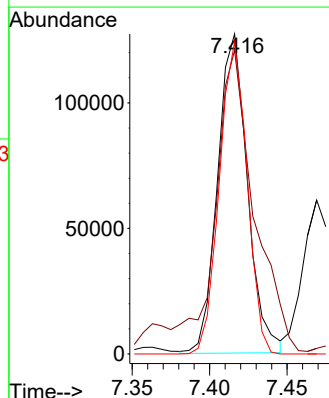
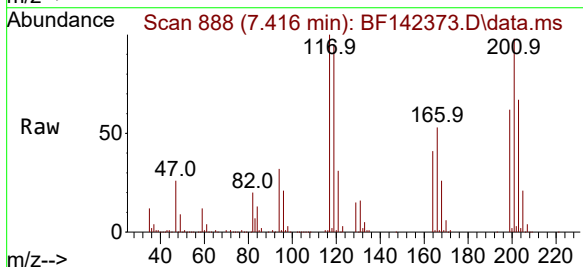
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

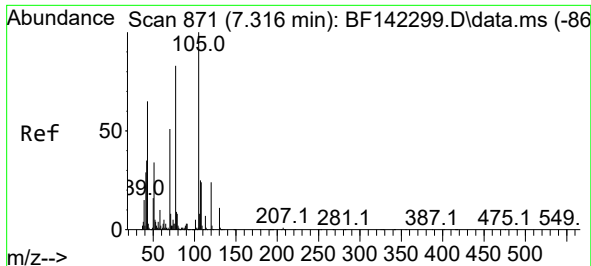
Tgt Ion:	107	Resp:	401571
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.1	136.7
77	44.8	34.7	52.1
79	44.1	34.5	51.7



#18
Hexachloroethane
Concen: 39.747 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:	117	Resp:	170275
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.9	115.3
201	97.5	78.0	117.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.013 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

Tgt Ion: 70 Resp: 351225

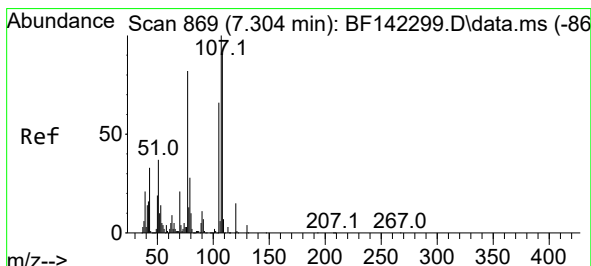
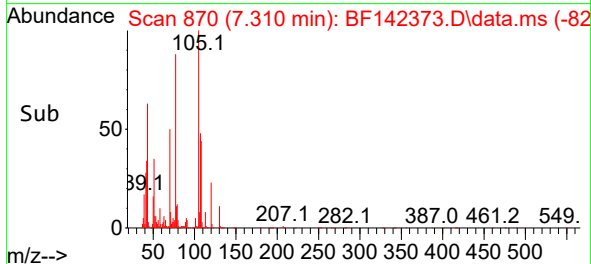
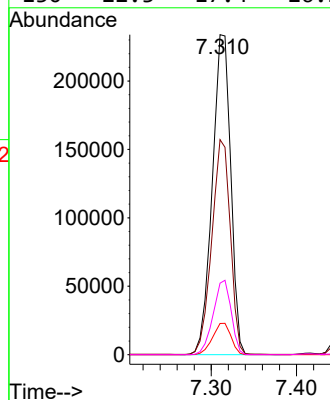
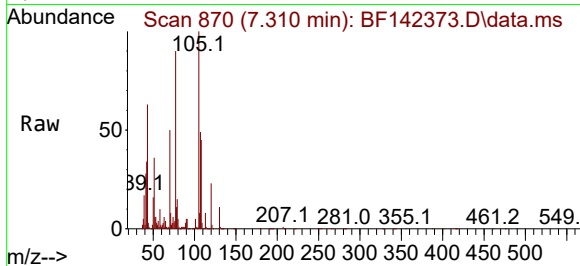
Ion Ratio Lower Upper

70 100

42 67.2 54.8 82.2

101 9.7 7.7 11.5

130 22.3 17.4 26.2



#20

3+4-Methylphenols

Concen: 44.536 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Tgt Ion:107 Resp: 504402

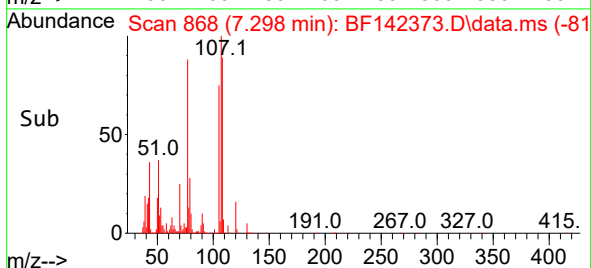
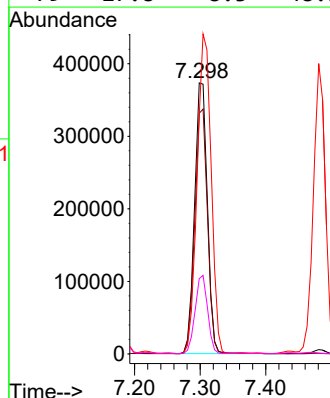
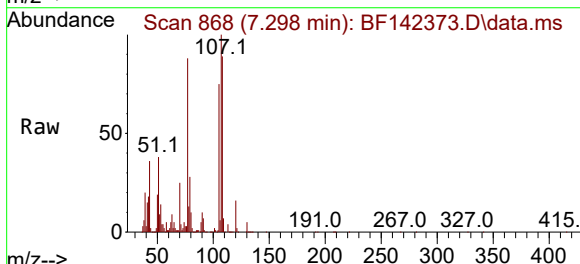
Ion Ratio Lower Upper

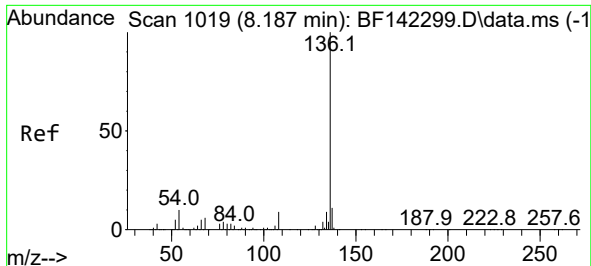
107 100

108 88.8 71.5 111.5

77 88.0 61.6 101.6

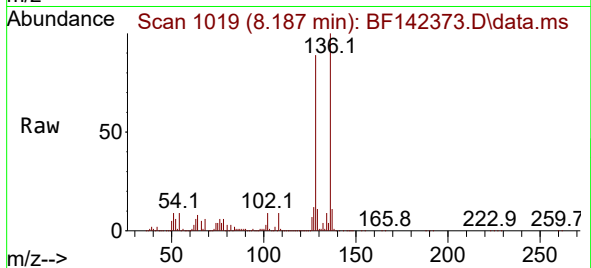
79 27.8 8.3 48.3



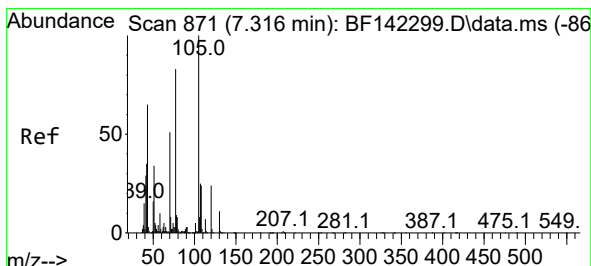
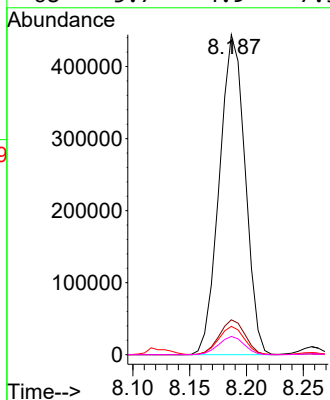
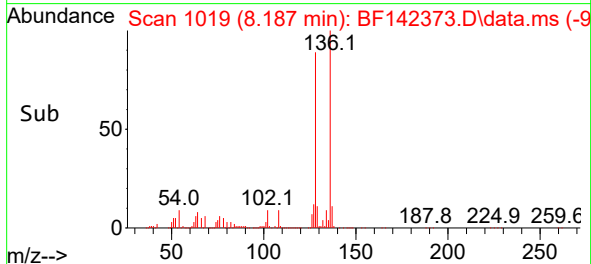


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

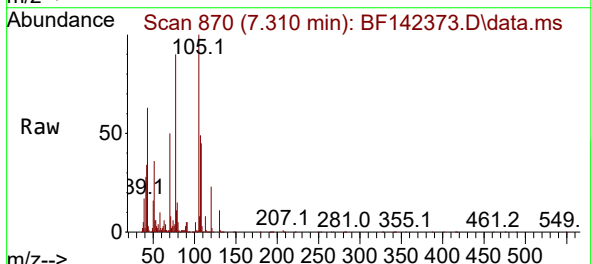
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD



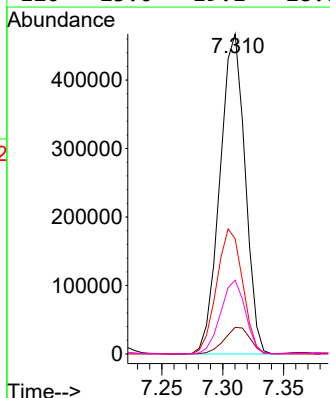
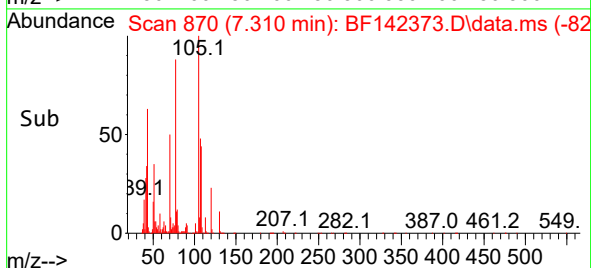
Tgt Ion:	136	Resp:	701472
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.9	7.7	11.5
68	5.7	4.9	7.3

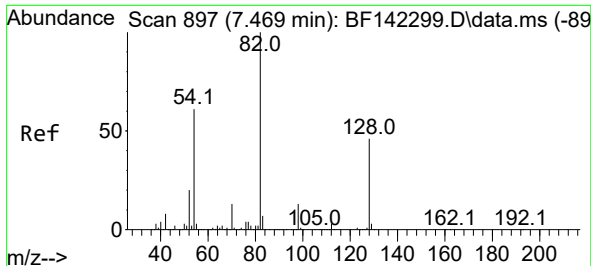


#22
Acetophenone
Concen: 43.115 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41



Tgt Ion:	105	Resp:	672460
Ion Ratio	Lower	Upper	
105	100		
71	8.3	6.7	10.1
51	36.0	27.6	41.4
120	23.0	19.1	28.7





#23

Nitrobenzene-d5

Concen: 85.963 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

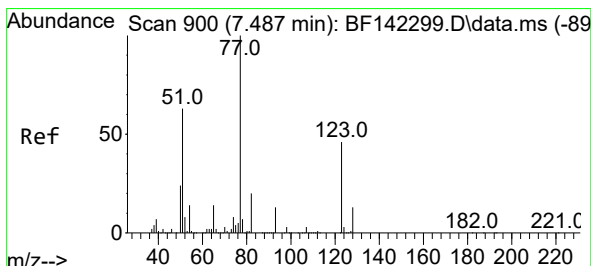
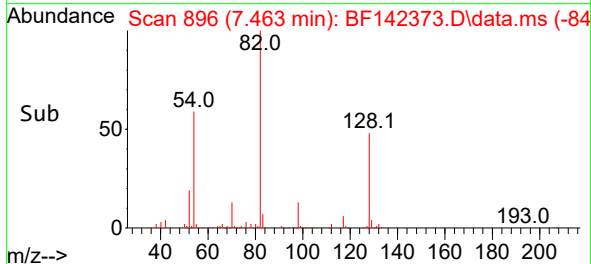
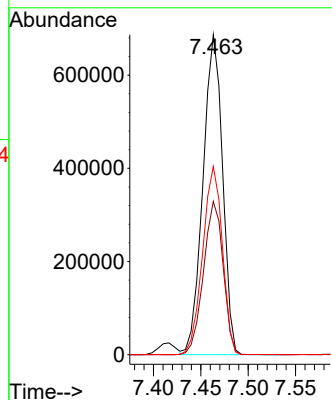
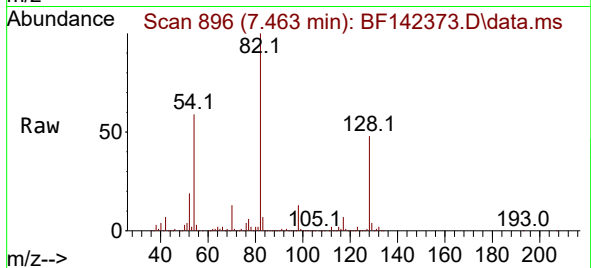
Tgt Ion: 82 Resp: 988742

Ion Ratio Lower Upper

82 100

128 47.9 37.0 55.6

54 58.8 48.6 73.0



#24

Nitrobenzene

Concen: 46.385 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

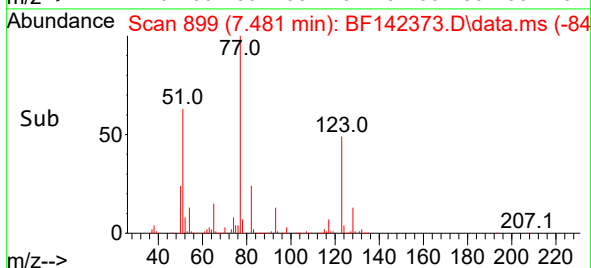
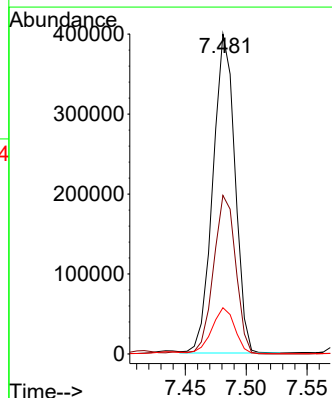
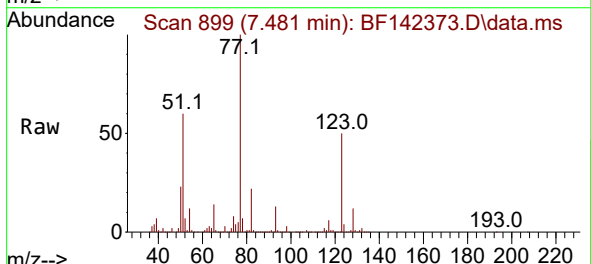
Tgt Ion: 77 Resp: 502910

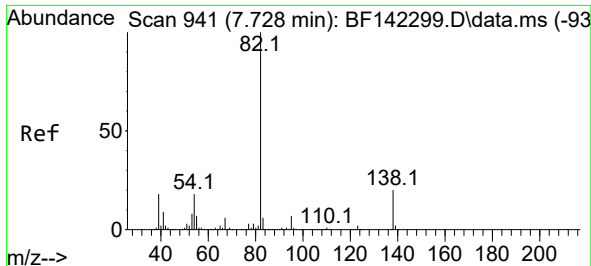
Ion Ratio Lower Upper

77 100

123 49.6 37.8 56.8

65 14.4 11.4 17.0

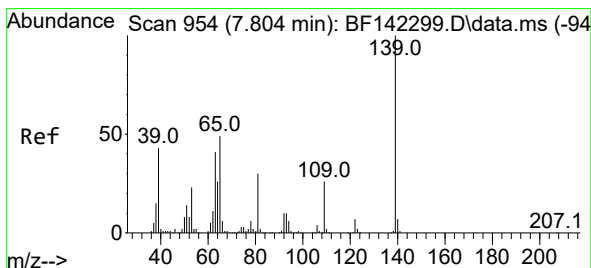
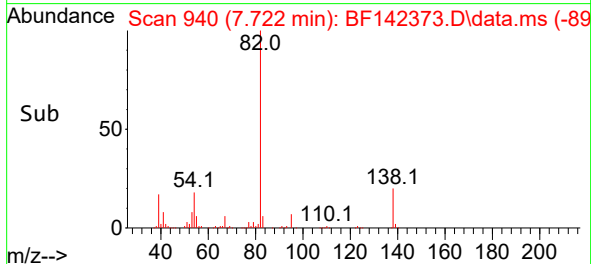
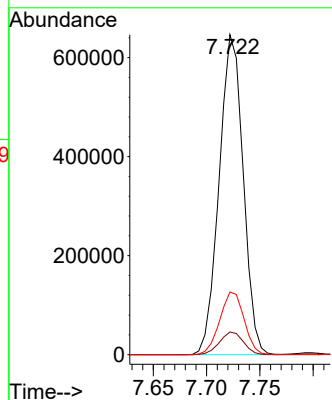
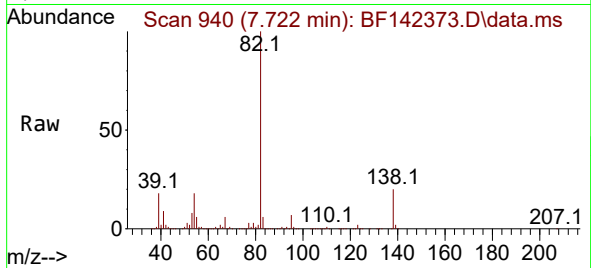




#25
Isophorone
Concen: 46.549 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

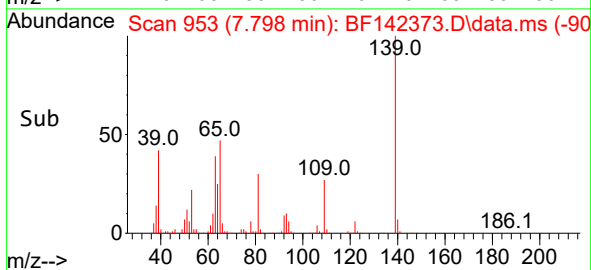
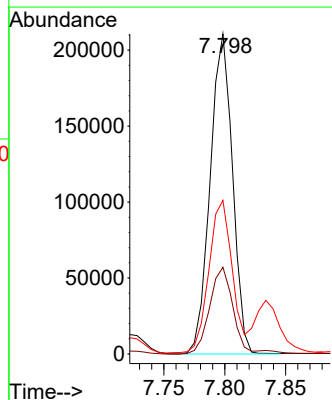
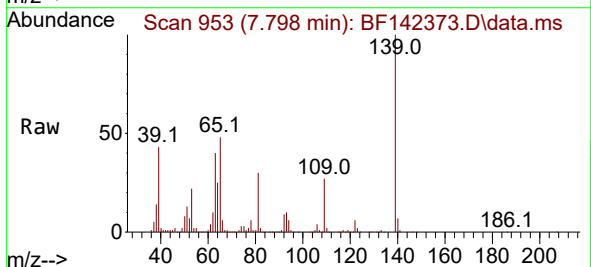
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

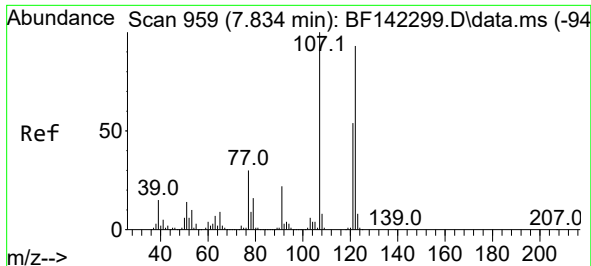
Tgt Ion: 82 Resp: 1013860
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 19.6 16.1 24.1



#26
2-Nitrophenol
Concen: 51.213 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:139 Resp: 269199
Ion Ratio Lower Upper
139 100
109 27.1 20.8 31.2
65 48.0 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 48.508 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

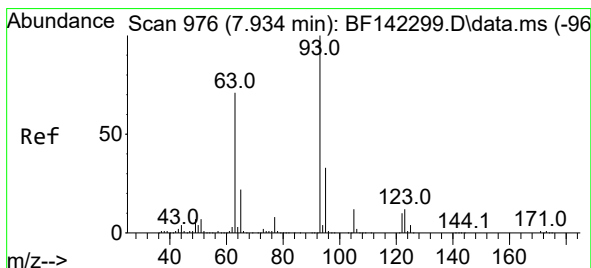
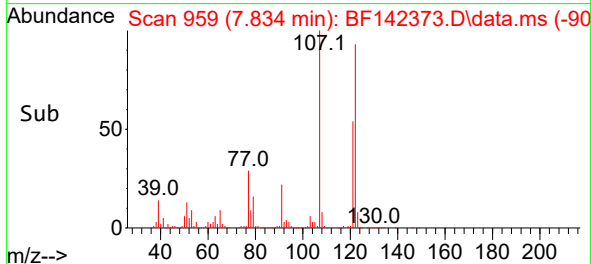
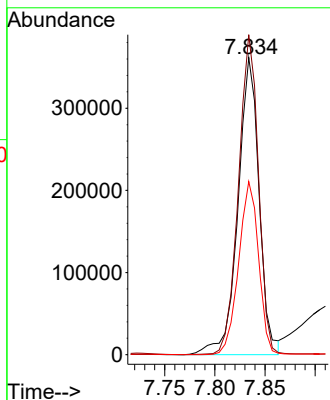
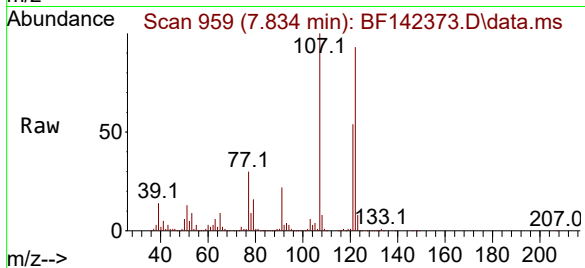
Tgt Ion:122 Resp: 531200

Ion Ratio Lower Upper

122 100

107 107.7 86.0 129.0

121 58.2 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.225 ng

RT: 7.934 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

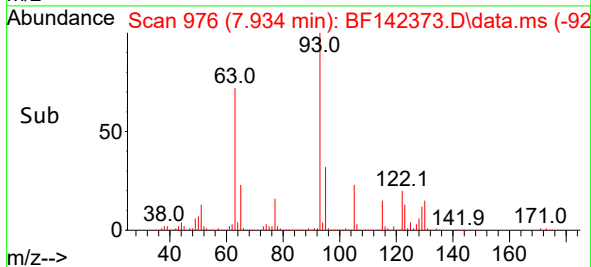
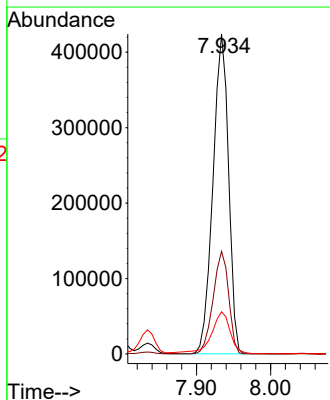
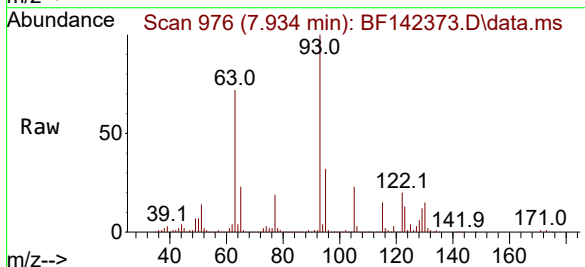
Tgt Ion: 93 Resp: 619391

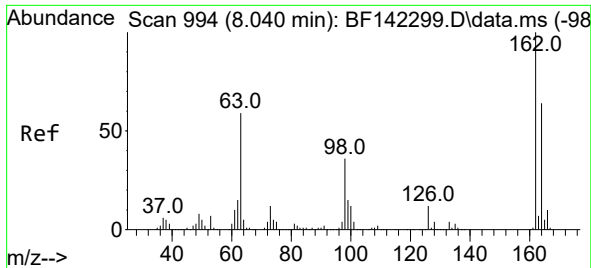
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 50.413 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142373.D

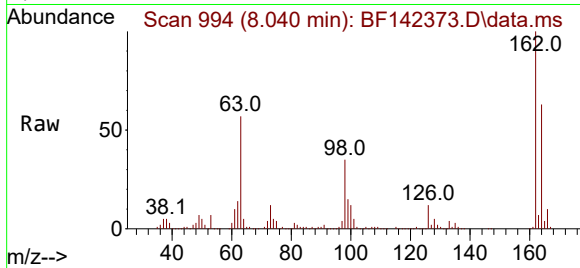
Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD



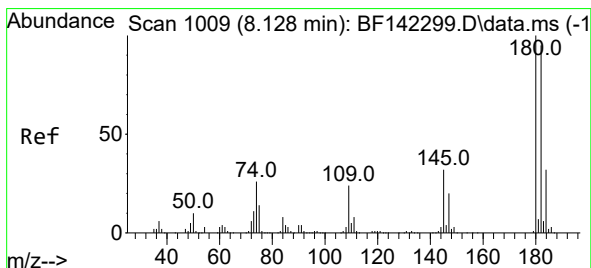
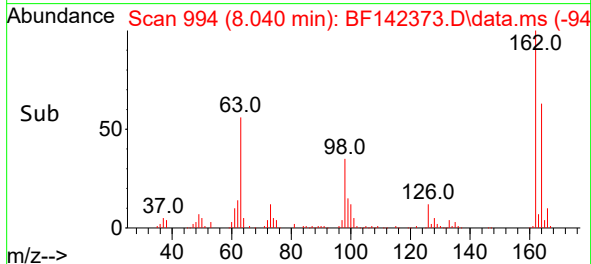
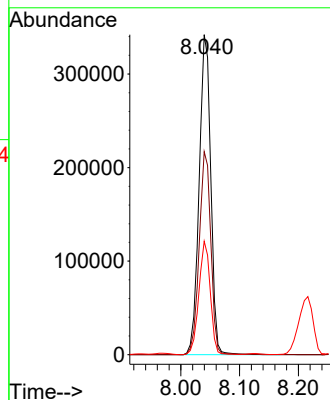
Tgt Ion:162 Resp: 469349

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

98 35.5 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 42.580 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

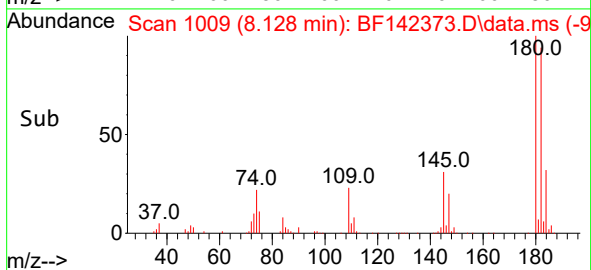
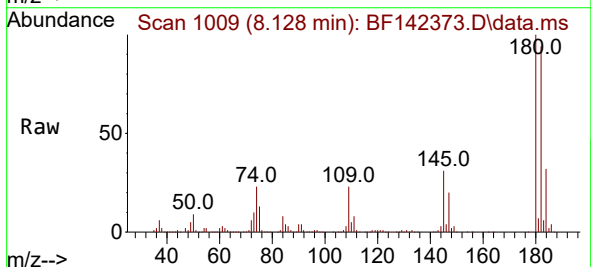
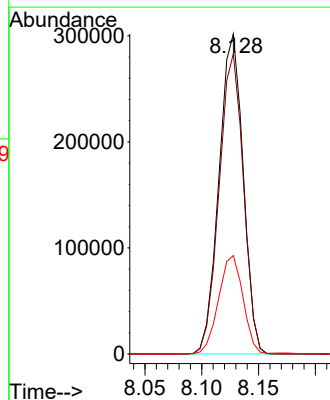
Tgt Ion:180 Resp: 446142

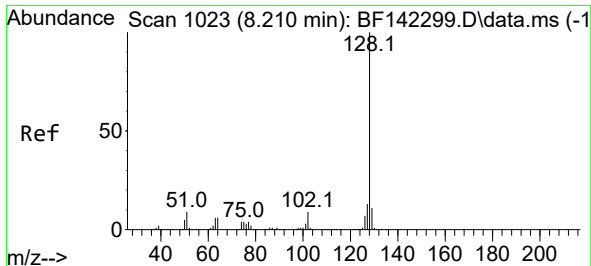
Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.4

145 30.8 25.8 38.6

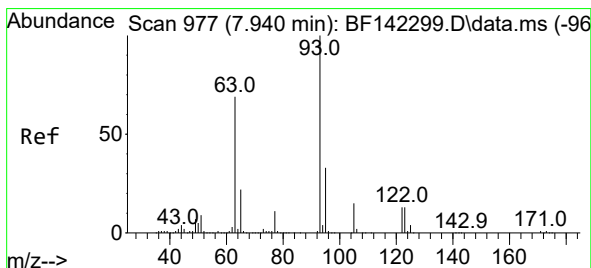
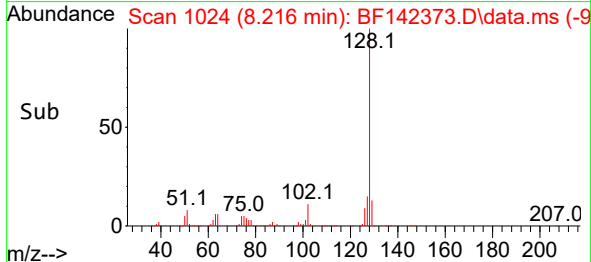
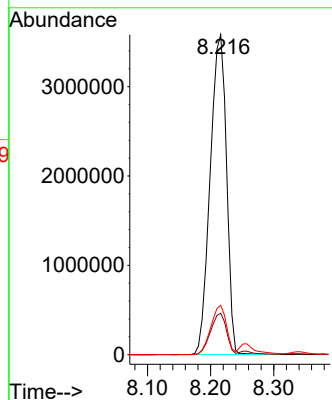
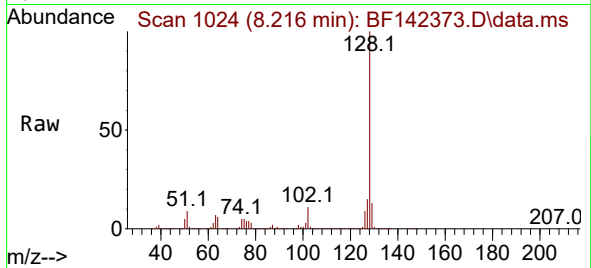




#31
Naphthalene
Concen: 188.687 ng
RT: 8.216 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

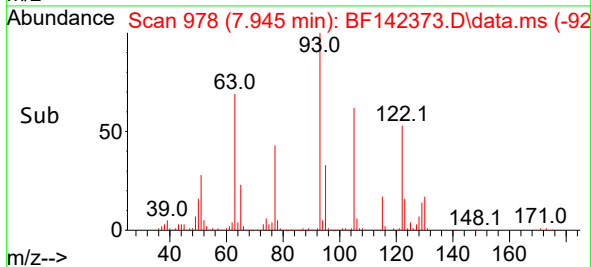
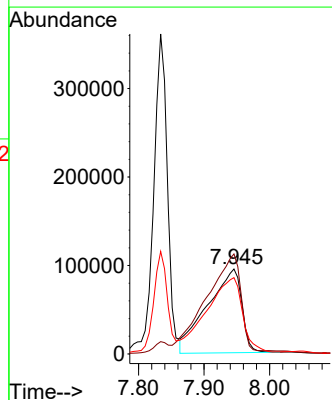
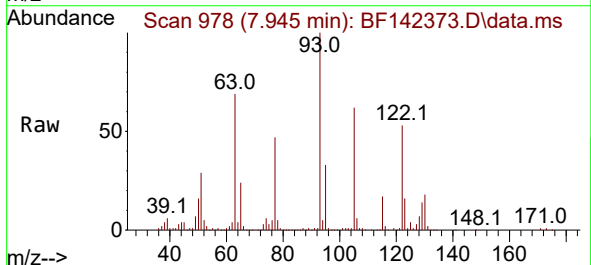
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

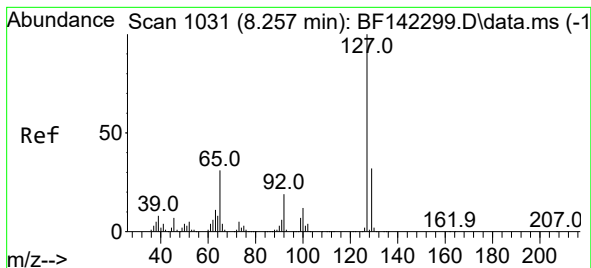
Tgt Ion:128 Resp: 6414852
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 15.5 10.5 15.7



#32
Benzoic acid
Concen: 55.919 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:122 Resp: 344365
Ion Ratio Lower Upper
122 100
105 117.6 97.9 137.9
77 89.9 67.7 107.7





#33

4-Chloroaniline

Concen: 21.934 ng m

RT: 8.257 min Scan# 1

Delta R.T. -0.010 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

Tgt Ion:127 Resp: 304277

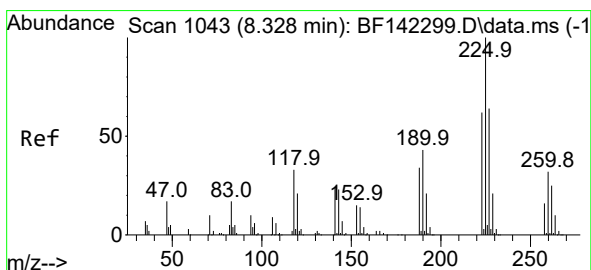
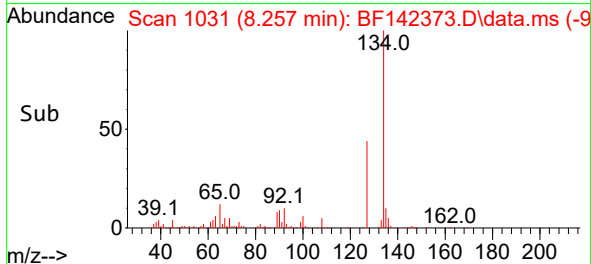
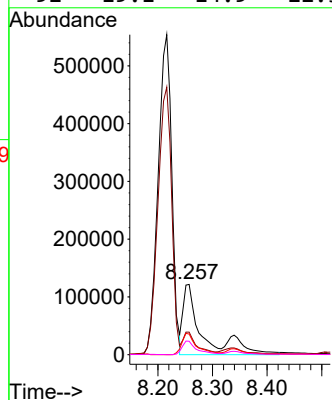
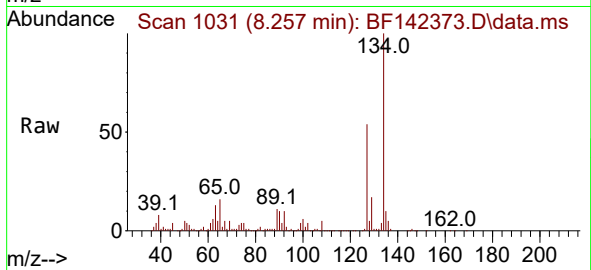
Ion Ratio Lower Upper

127 100

129 32.2 25.7 38.5

65 29.5 24.9 37.3

92 19.1 14.9 22.3



#34

Hexachlorobutadiene

Concen: 41.293 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

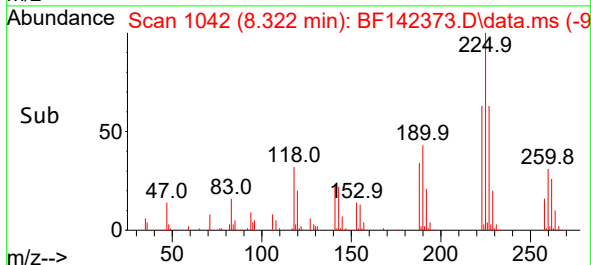
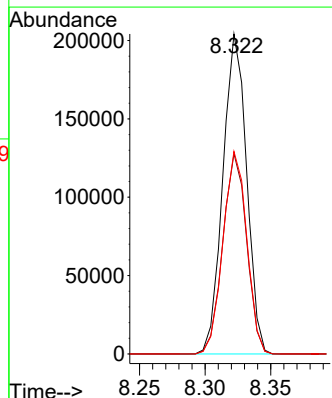
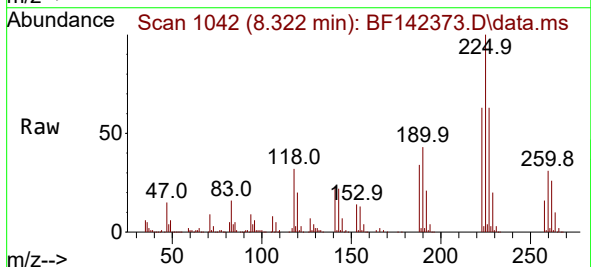
Tgt Ion:225 Resp: 256194

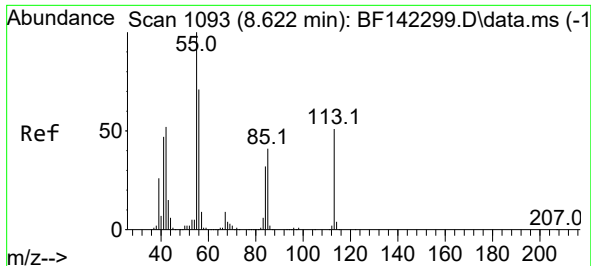
Ion Ratio Lower Upper

225 100

223 62.6 49.8 74.6

227 63.3 50.9 76.3

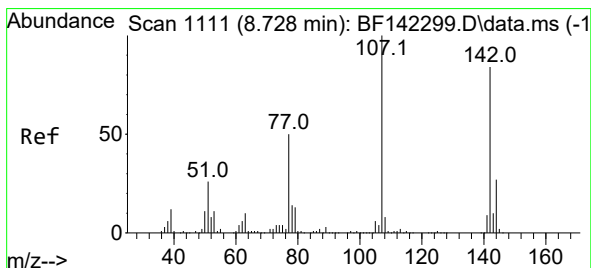
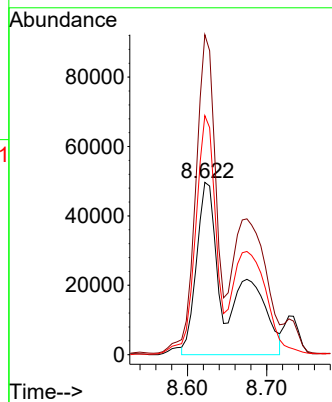
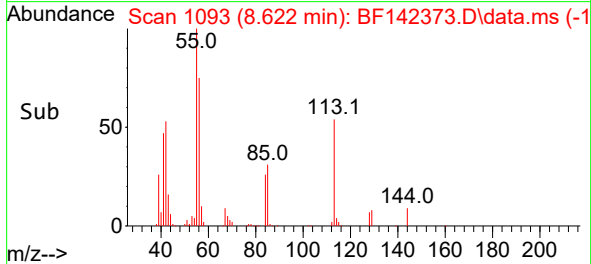
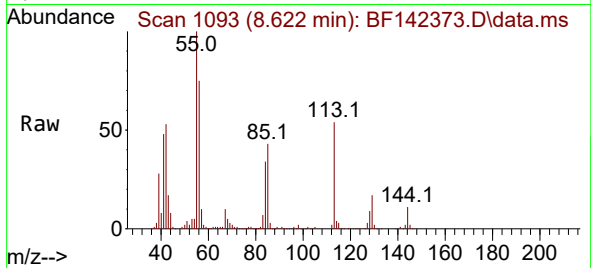




#35
Caprolactam
Concen: 54.096 ng m
RT: 8.622 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

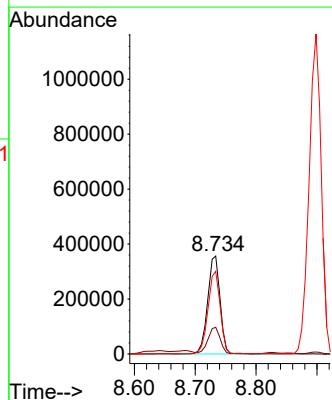
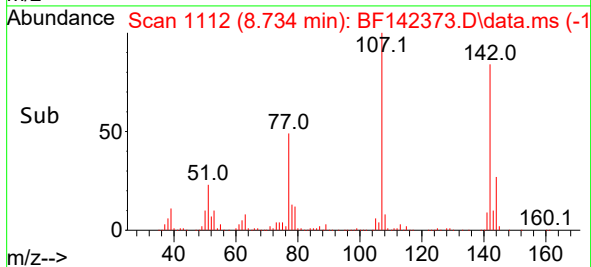
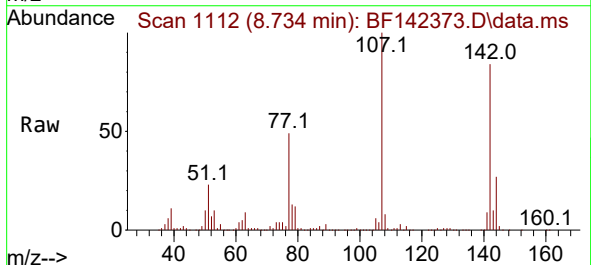
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

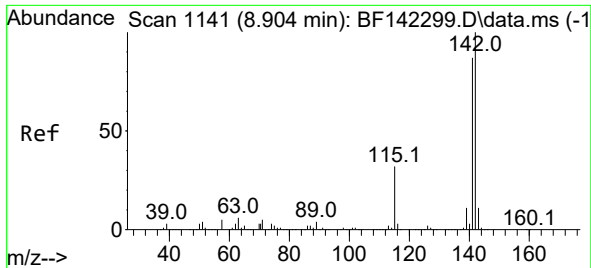
Tgt Ion:113 Resp: 146780
Ion Ratio Lower Upper
113 100
55 185.7 176.4 216.4
56 138.8 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 51.956 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:107 Resp: 502825
Ion Ratio Lower Upper
107 100
144 27.4 21.3 31.9
142 84.3 66.9 100.3

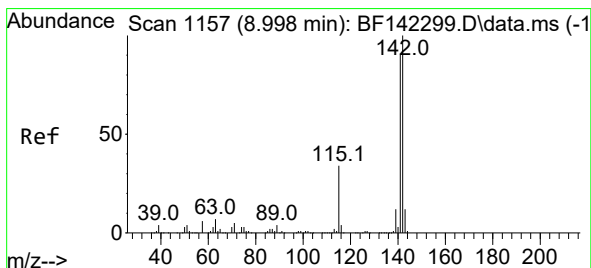
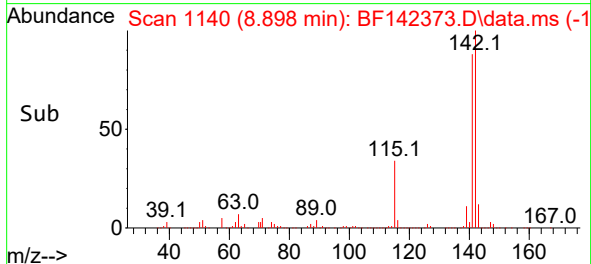
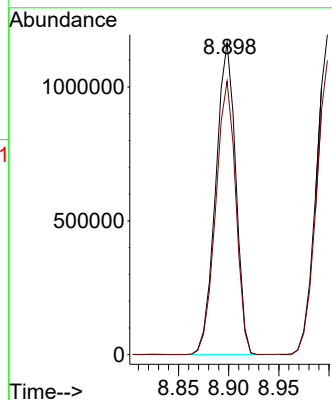
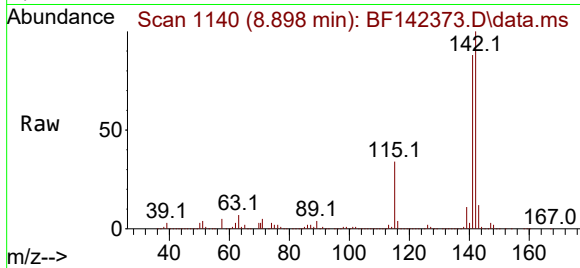




#37
2-Methylnaphthalene
Concen: 76.218 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

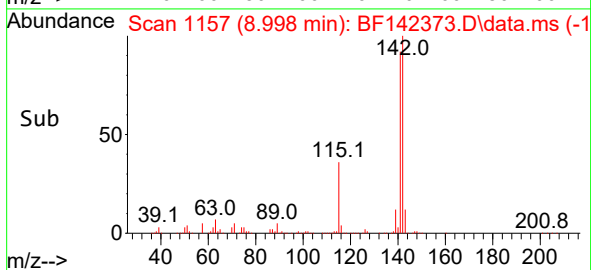
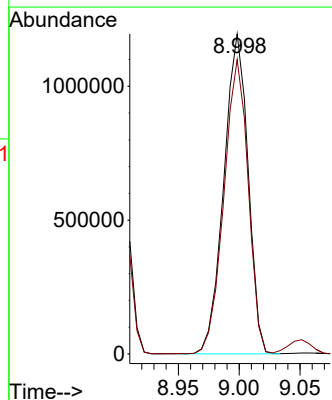
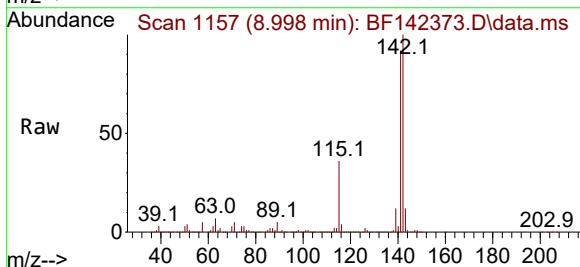
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

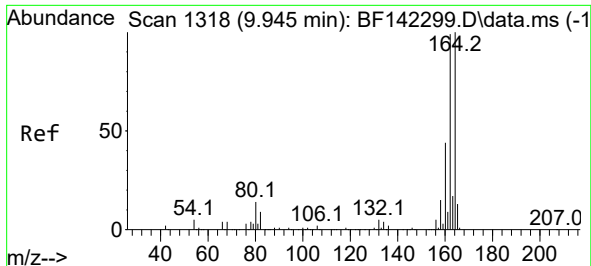
Tgt Ion:142 Resp: 1610135
Ion Ratio Lower Upper
142 100
141 87.7 69.4 104.2



#38
1-Methylnaphthalene
Concen: 75.296 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:142 Resp: 1657888
Ion Ratio Lower Upper
142 100
141 92.0 72.5 108.7

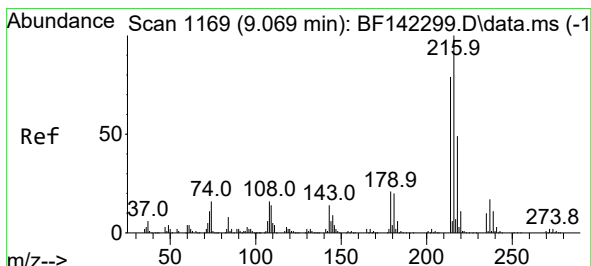
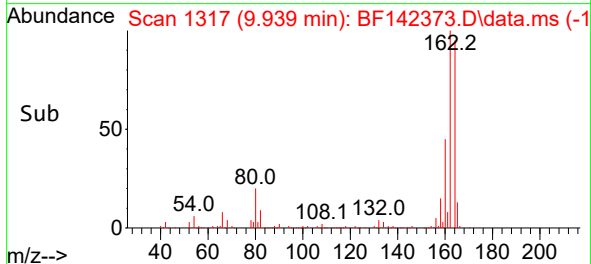
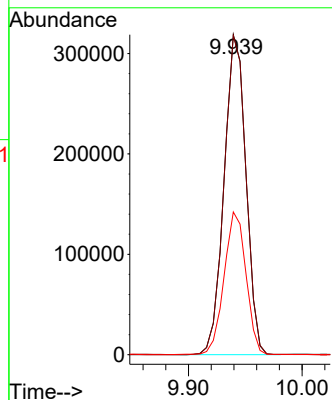
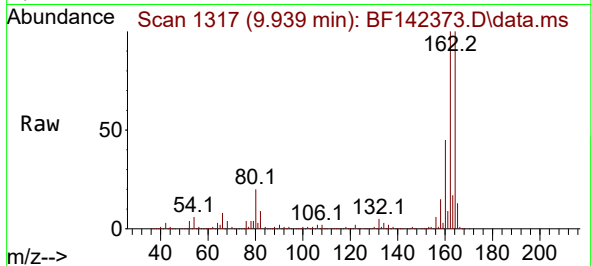




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

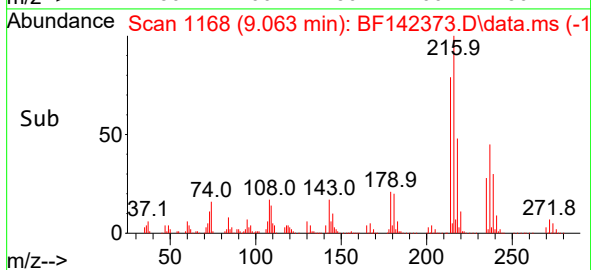
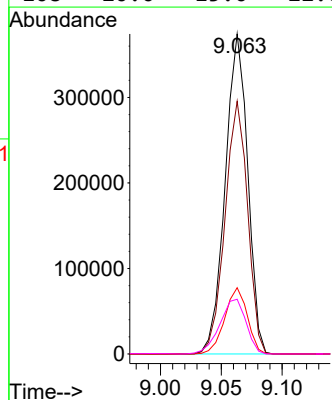
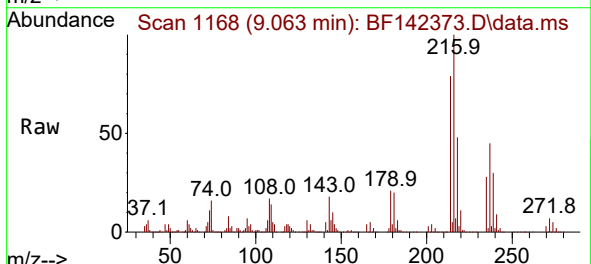
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

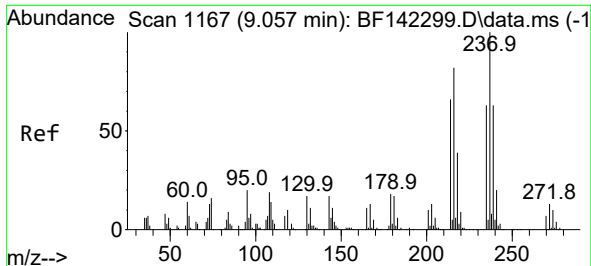
Tgt Ion:164 Resp: 425907
Ion Ratio Lower Upper
164 100
162 99.8 79.2 118.8
160 44.6 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.567 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:216 Resp: 482550
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 20.7 17.0 25.6
108 20.0 15.0 22.6

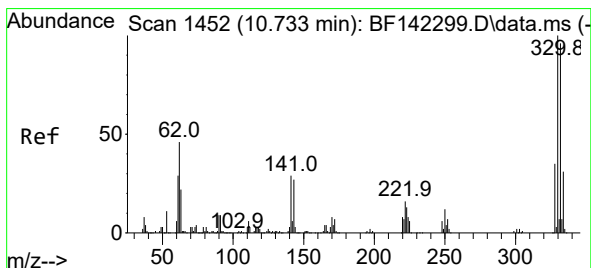
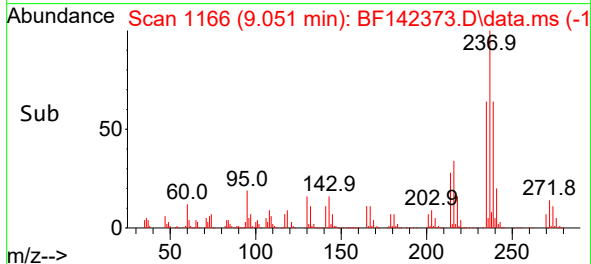
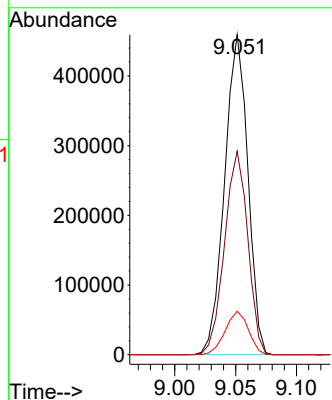
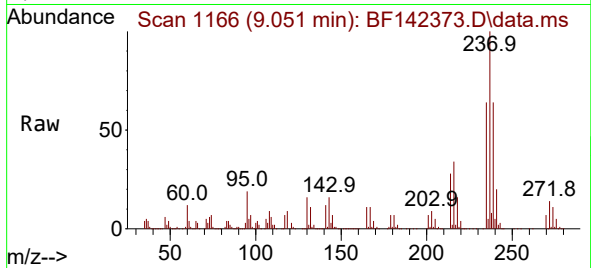




#41
Hexachlorocyclopentadiene
Concen: 83.003 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

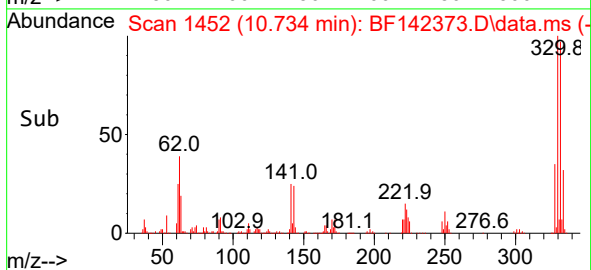
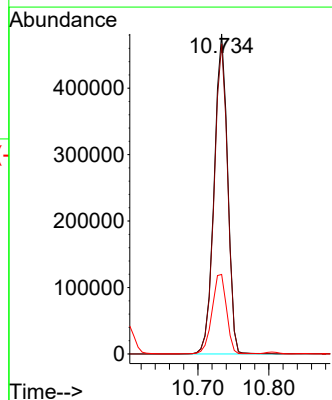
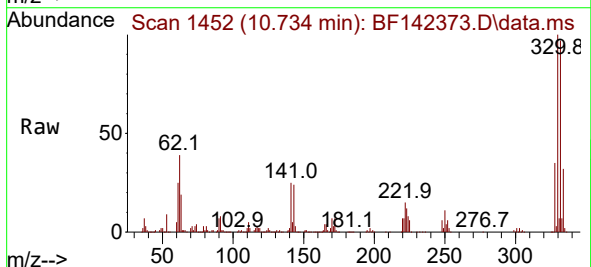
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BNA_F
ClientSampleId :
WC-A4-03-CMSD

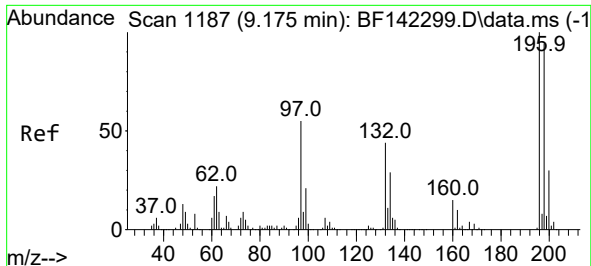
Tgt Ion:237 Resp: 610197
Ion Ratio Lower Upper
237 100
235 63.6 42.8 82.8
272 13.5 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 154.261 ng
RT: 10.734 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:330 Resp: 634330
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 26.7 24.9 37.3

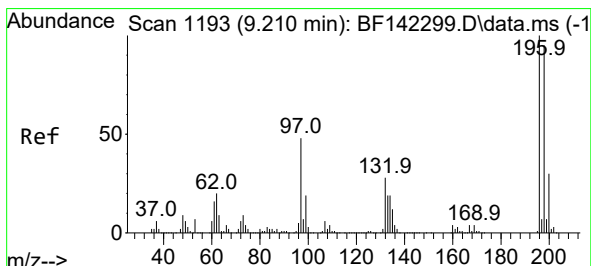
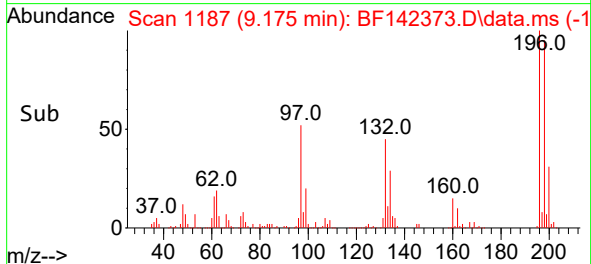
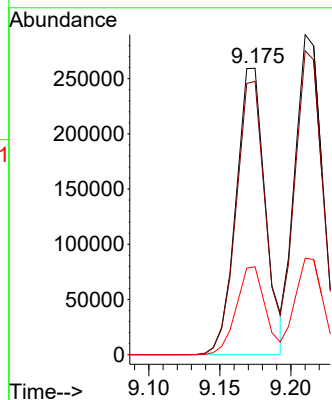
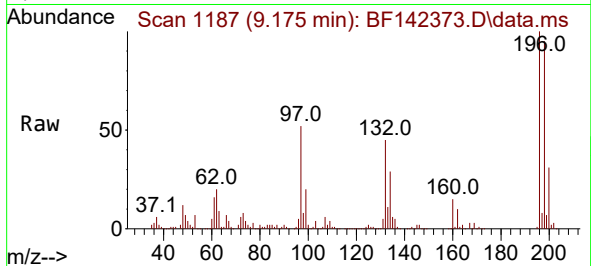




#43
2,4,6-Trichlorophenol
Concen: 49.517 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

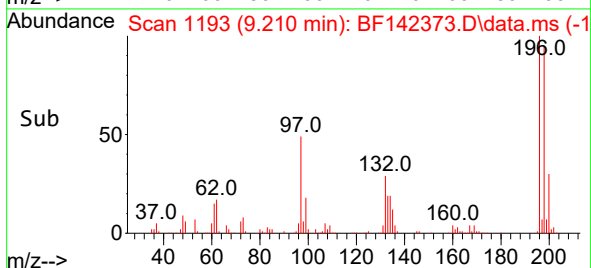
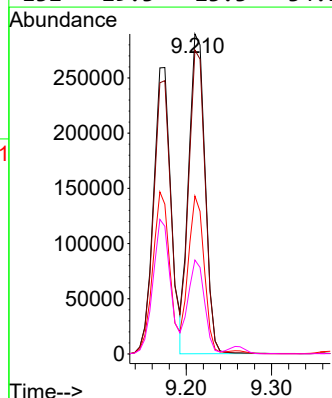
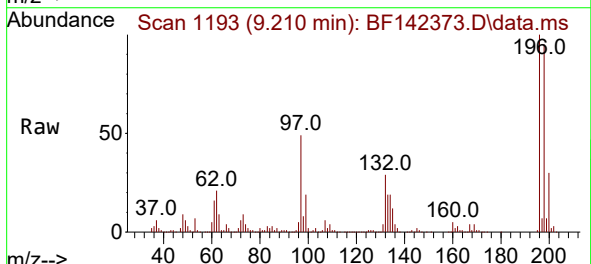
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

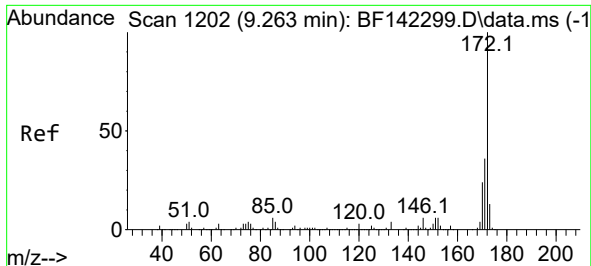
Tgt Ion:196 Resp: 371527
Ion Ratio Lower Upper
196 100
198 95.4 75.4 113.0
200 30.7 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 48.425 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:196 Resp: 386591
Ion Ratio Lower Upper
196 100
198 95.0 76.1 114.1
97 49.4 39.0 58.4
132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.645 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

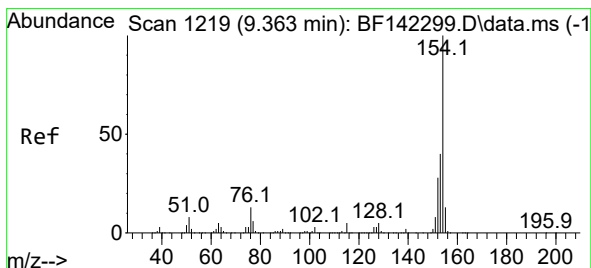
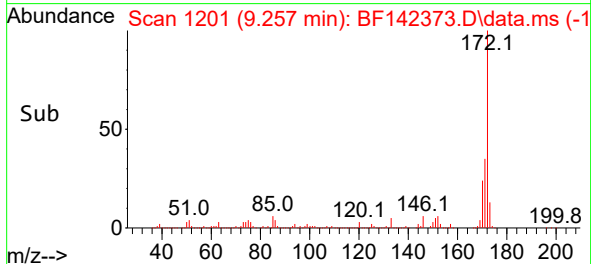
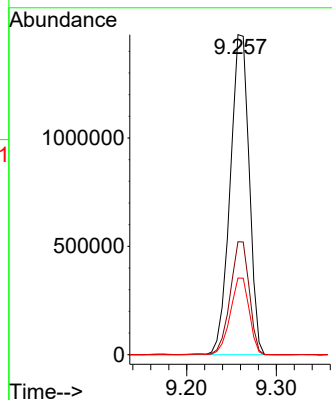
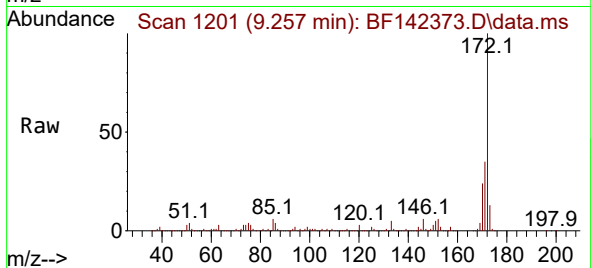
Tgt Ion:172 Resp: 2169889

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.625 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

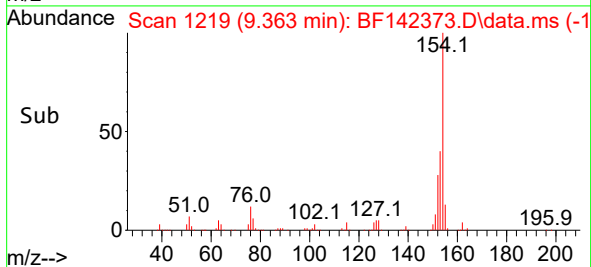
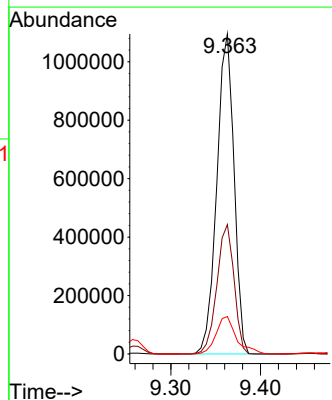
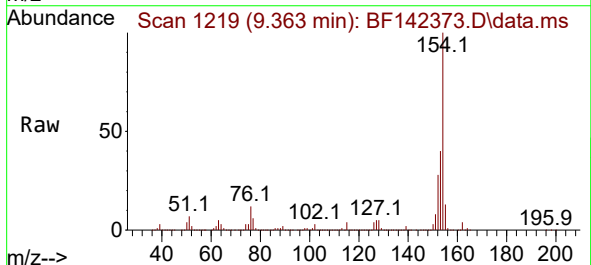
Tgt Ion:154 Resp: 1457266

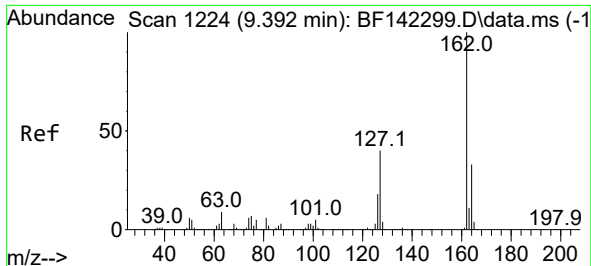
Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

76 11.7 0.0 32.8

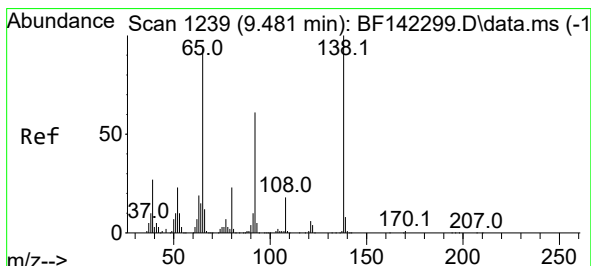
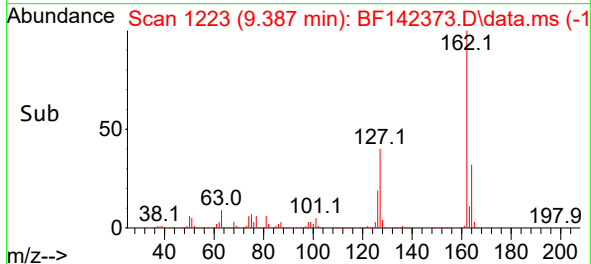
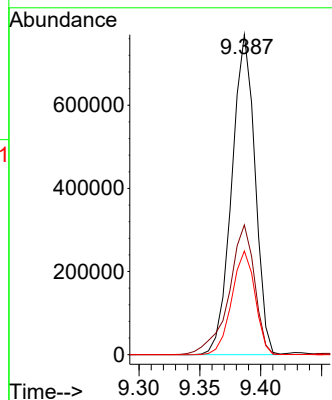
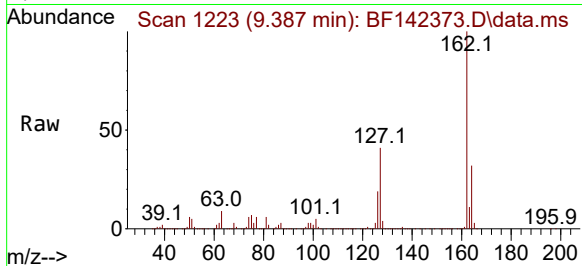




#47
2-Chloronaphthalene
Concen: 42.093 ng
RT: 9.387 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

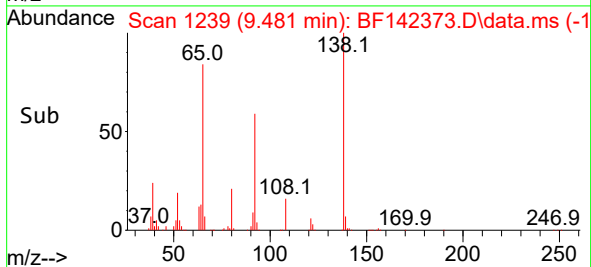
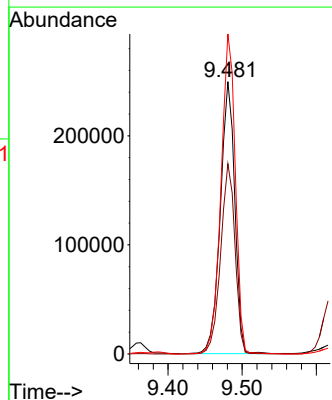
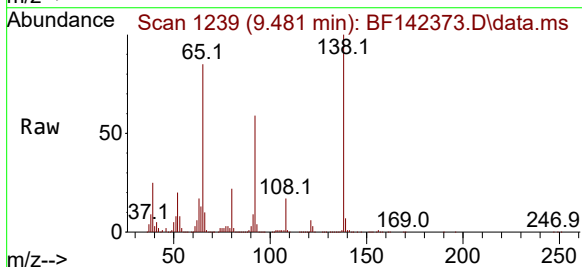
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

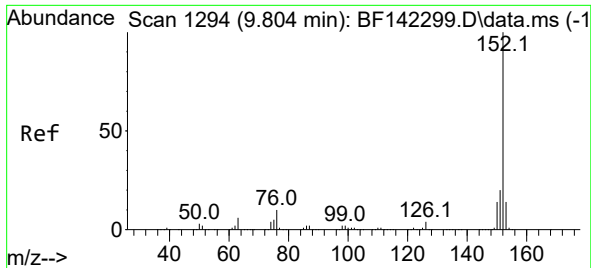
Tgt Ion:162 Resp: 1022257
Ion Ratio Lower Upper
162 100
127 40.5 32.3 48.5
164 32.4 26.6 40.0



#48
2-Nitroaniline
Concen: 54.382 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion: 65 Resp: 338524
Ion Ratio Lower Upper
65 100
92 69.9 52.3 78.5
138 117.5 85.6 128.4

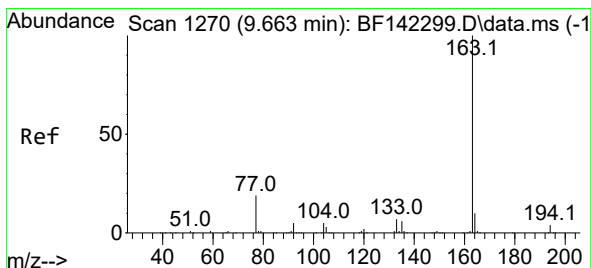
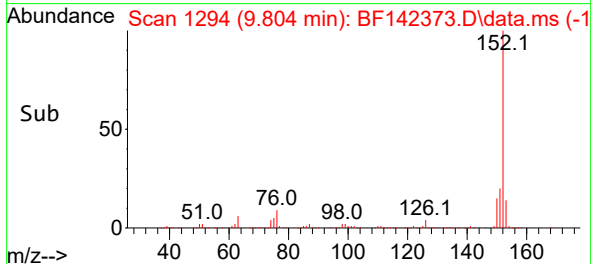
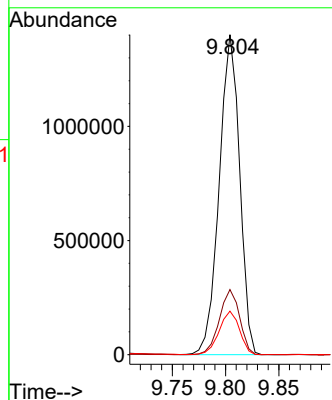
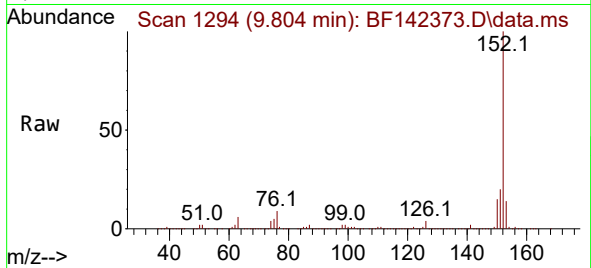




#49
Acenaphthylene
Concen: 45.898 ng
RT: 9.804 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

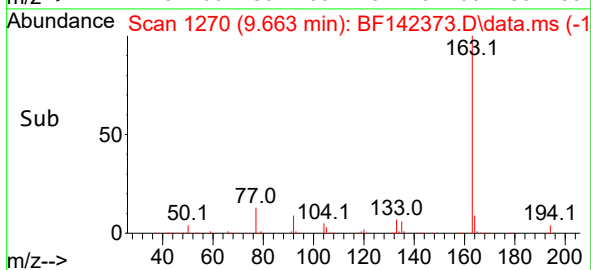
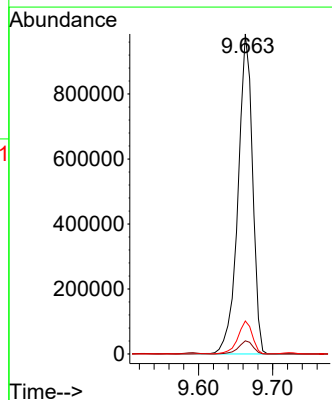
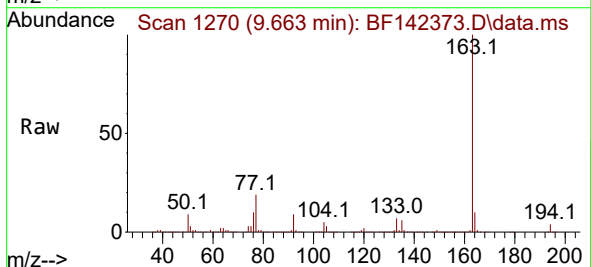
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

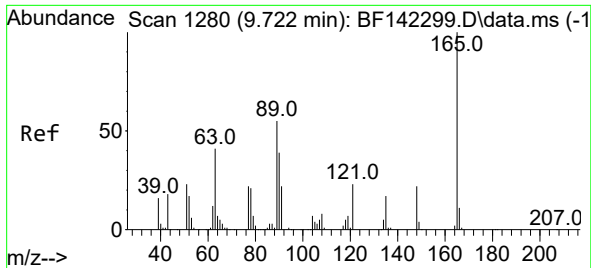
Tgt Ion:152 Resp: 1864675
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 49.082 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:163 Resp: 1342328
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 8.3 12.5

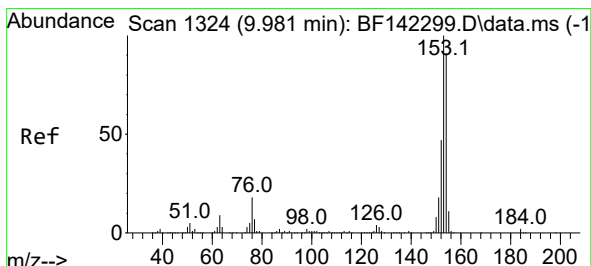
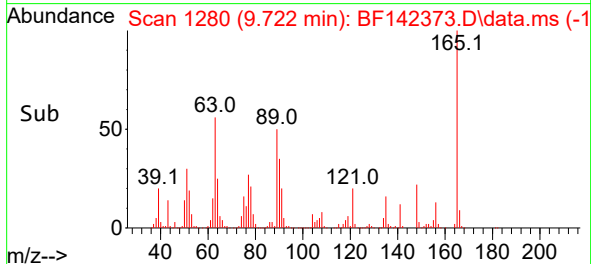
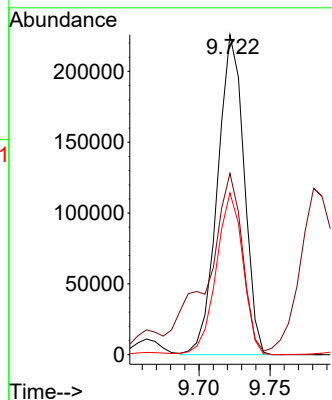
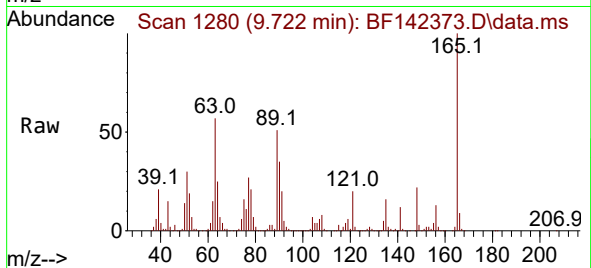




#51
2,6-Dinitrotoluene
Concen: 57.243 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

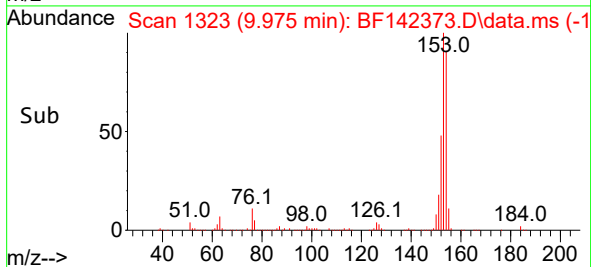
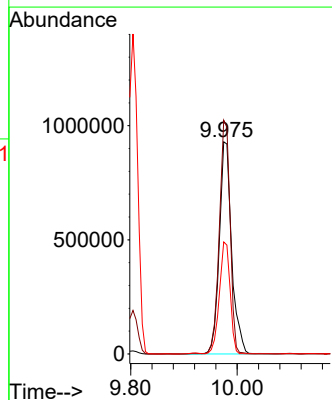
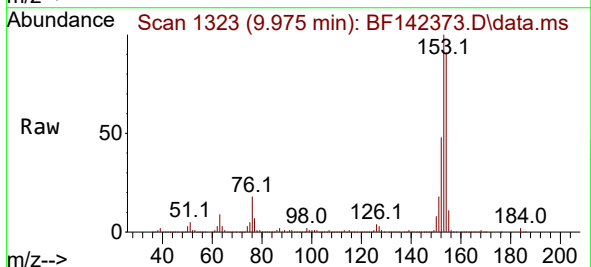
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

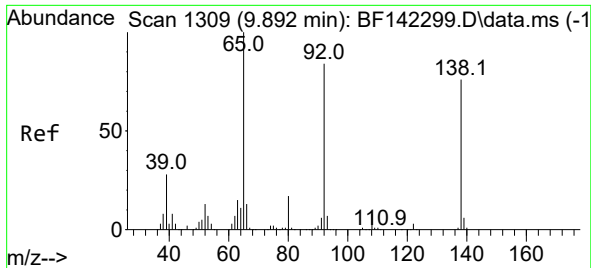
Tgt Ion:165 Resp: 293039
Ion Ratio Lower Upper
165 100
63 56.7 49.5 74.3
89 50.5 44.6 66.8



#52
Acenaphthene
Concen: 61.153 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:154 Resp: 1493853
Ion Ratio Lower Upper
154 100
153 110.2 88.0 132.0
152 52.8 41.6 62.4

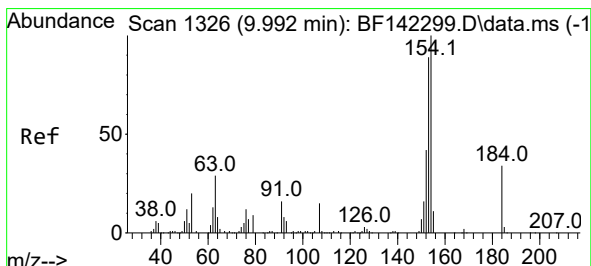
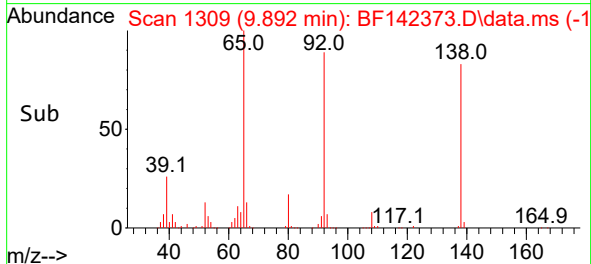
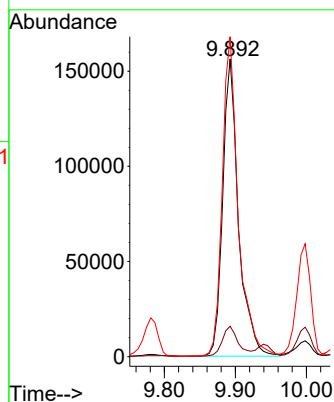
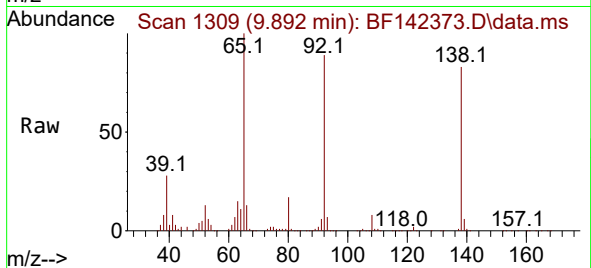




#53
3-Nitroaniline
Concen: 40.062 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

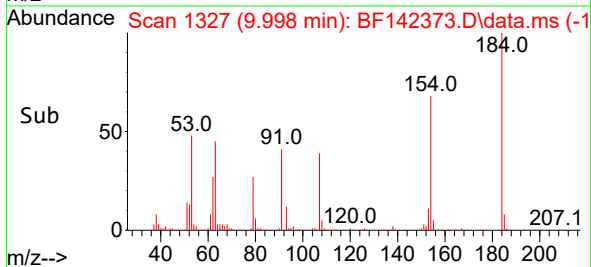
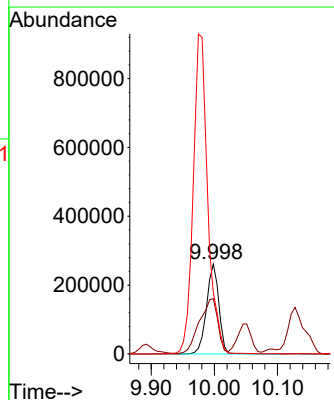
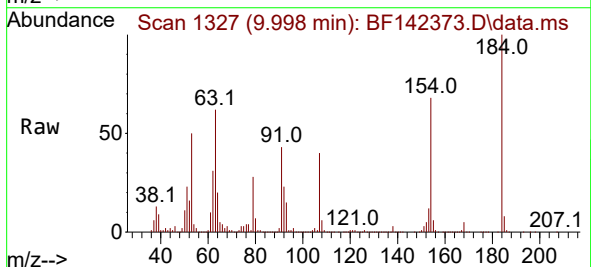
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

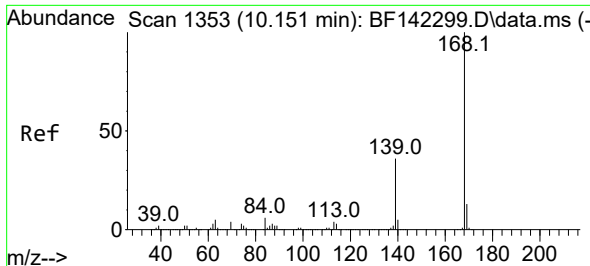
Tgt Ion:138 Resp: 240523
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 107.5 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 127.284 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:184 Resp: 354302
Ion Ratio Lower Upper
184 100
63 61.6 70.6 105.8#
154 68.3 257.2 385.8#

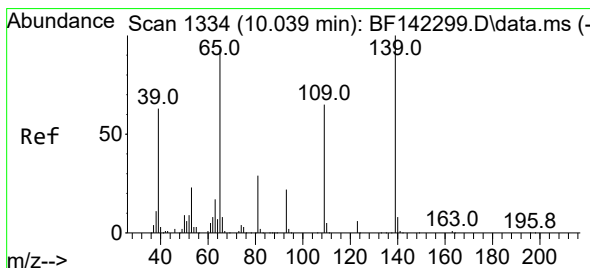
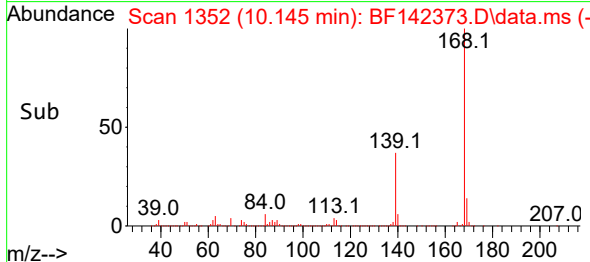
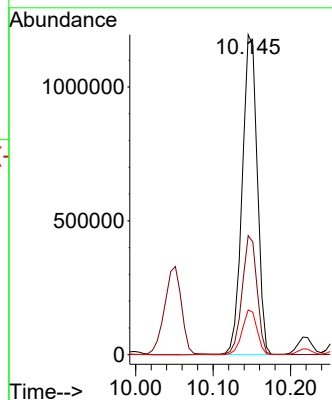
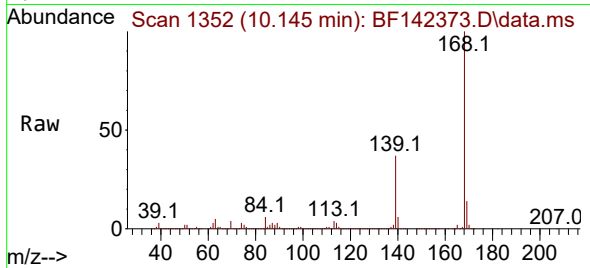




#55
Dibenzenofuran
Concen: 44.811 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

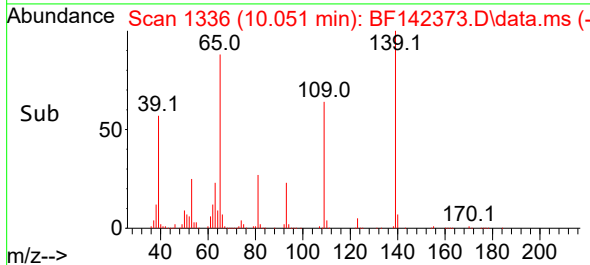
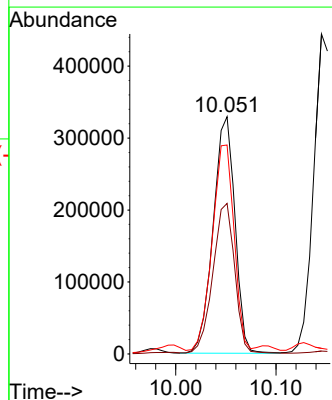
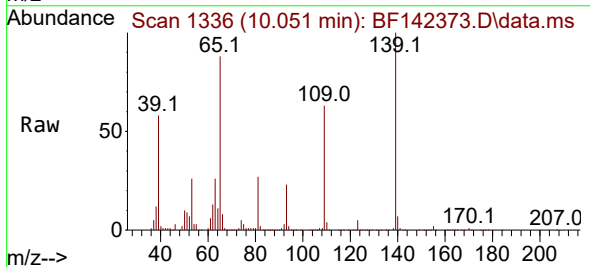
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

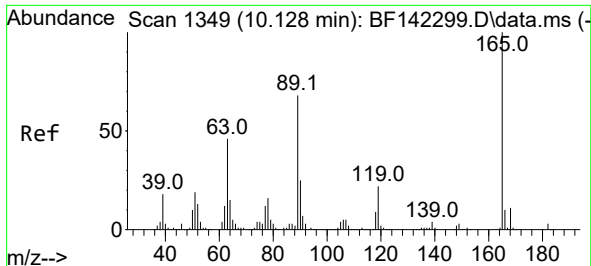
Tgt Ion:168 Resp: 1615499
Ion Ratio Lower Upper
168 100
139 37.2 29.0 43.4
169 14.0 10.7 16.1



#56
4-Nitrophenol
Concen: 109.890 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:139 Resp: 496548
Ion Ratio Lower Upper
139 100
109 63.5 45.3 85.3
65 88.1 73.9 113.9

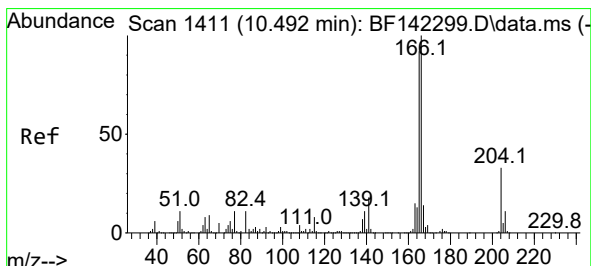
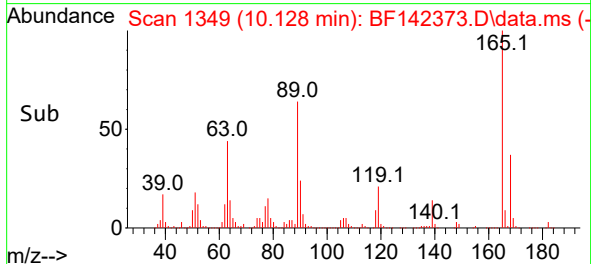
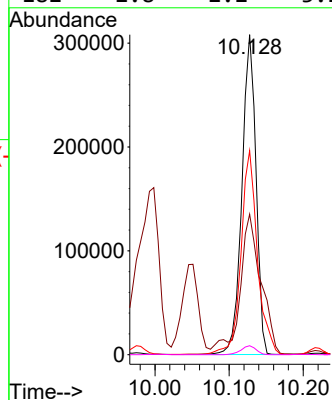
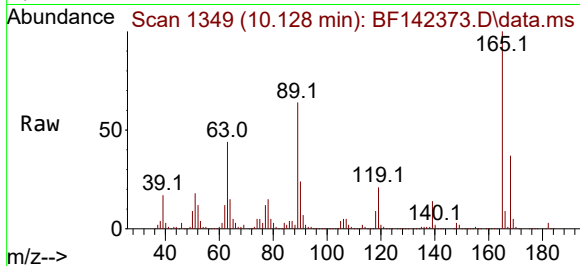




#57
2,4-Dinitrotoluene
Concen: 61.852 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

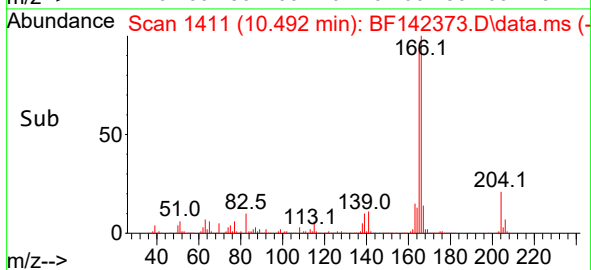
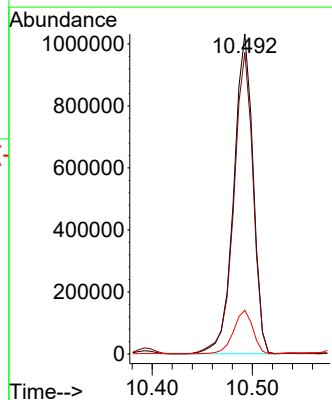
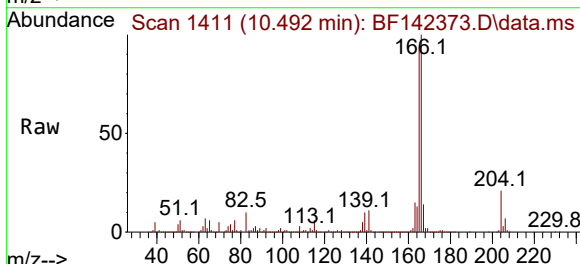
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

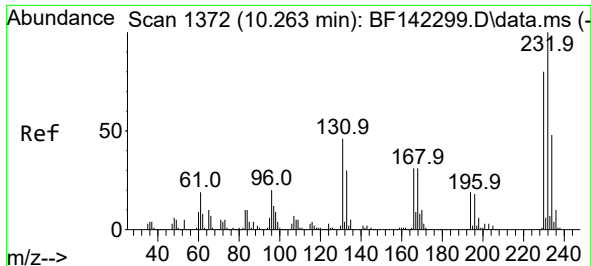
Tgt Ion:165 Resp: 406148
Ion Ratio Lower Upper
165 100
63 43.9 37.1 55.7
89 63.8 54.4 81.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 50.072 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:166 Resp: 1377632
Ion Ratio Lower Upper
166 100
165 94.2 74.0 111.0
167 13.6 10.9 16.3

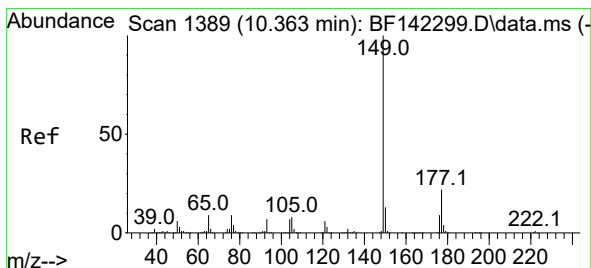
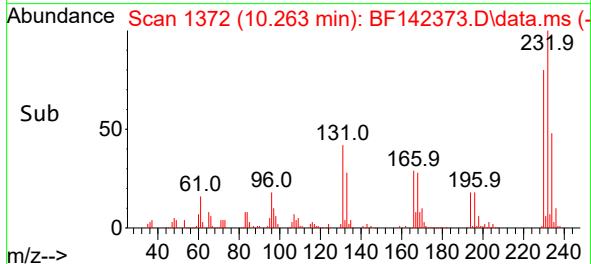
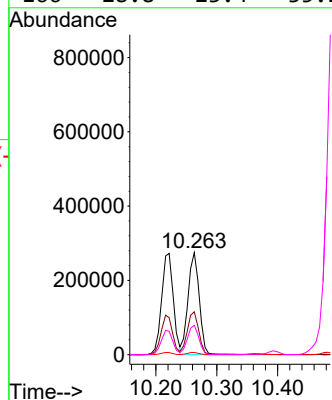
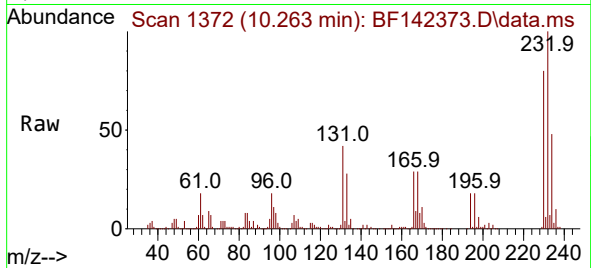




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.294 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

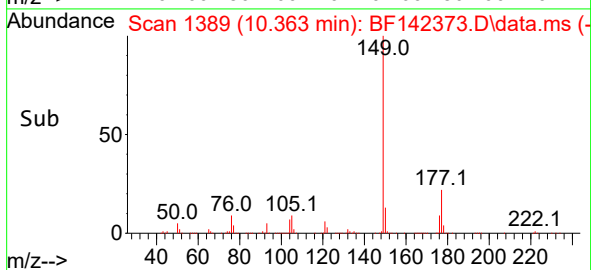
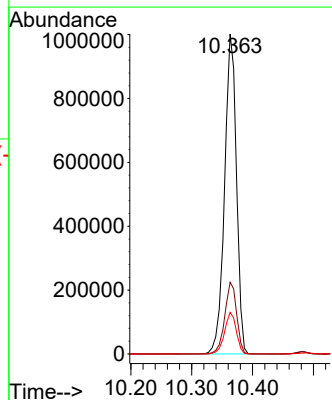
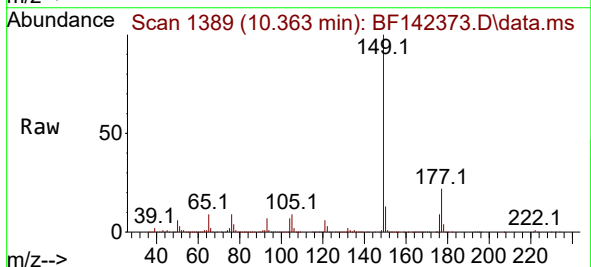
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

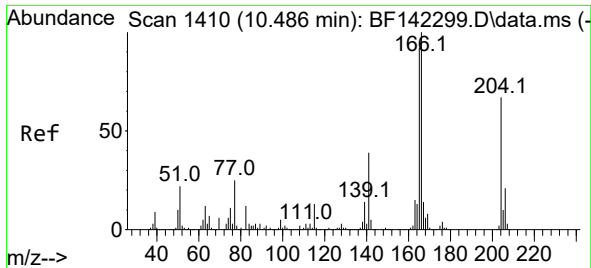
Tgt Ion:232 Resp: 351224
Ion Ratio Lower Upper
232 100
131 42.7 36.0 54.0
130 2.2 1.8 2.6
166 28.8 23.4 35.2



#60
Diethylphthalate
Concen: 49.654 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:149 Resp: 1356138
Ion Ratio Lower Upper
149 100
177 22.4 17.6 26.4
150 13.0 10.1 15.1

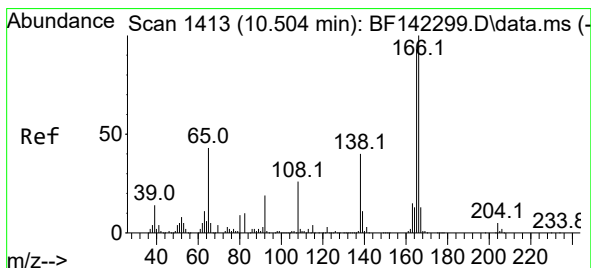
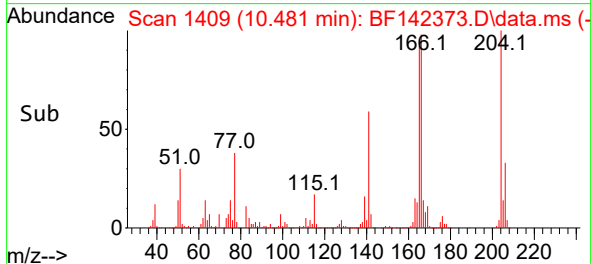
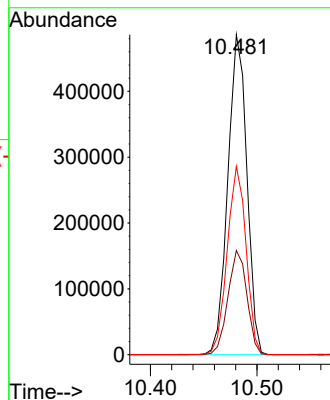
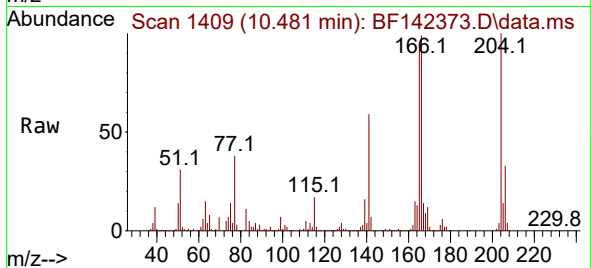




#61
4-Chlorophenyl-phenylether
Concen: 45.513 ng
RT: 10.481 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

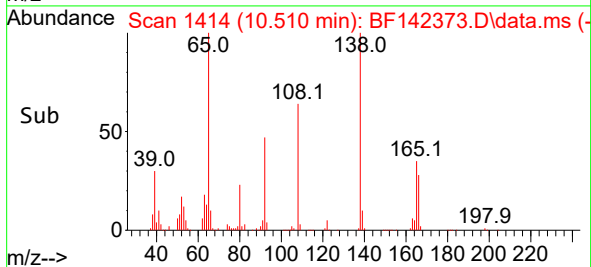
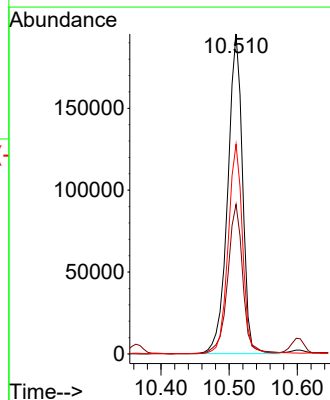
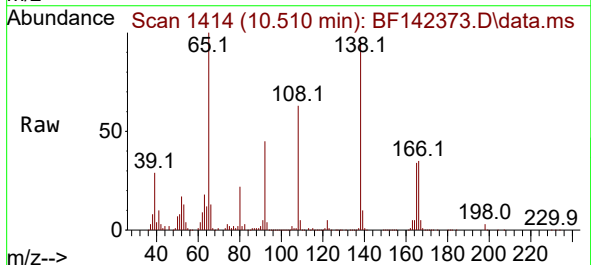
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

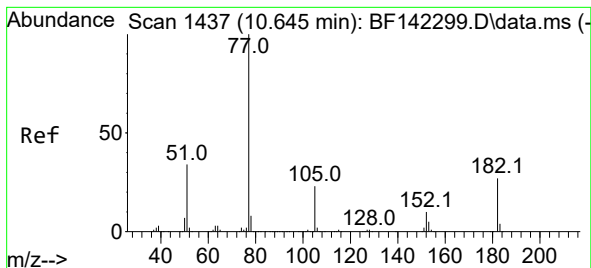
Tgt Ion:204 Resp: 604128
Ion Ratio Lower Upper
204 100
206 32.6 25.5 38.3
141 58.8 46.4 69.6



#62
4-Nitroaniline
Concen: 62.292 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:138 Resp: 296414
Ion Ratio Lower Upper
138 100
92 46.7 27.3 67.3
108 65.6 45.1 85.1





#63

Azobenzene

Concen: 45.394 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

Tgt Ion: 77 Resp: 1184720

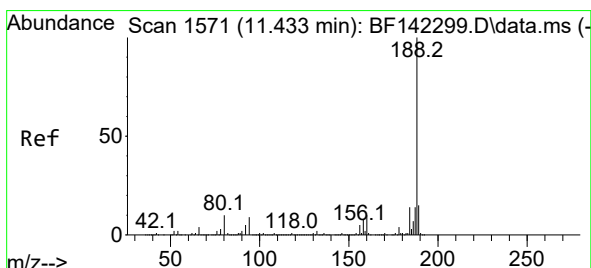
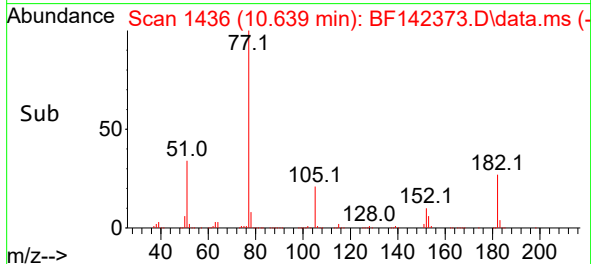
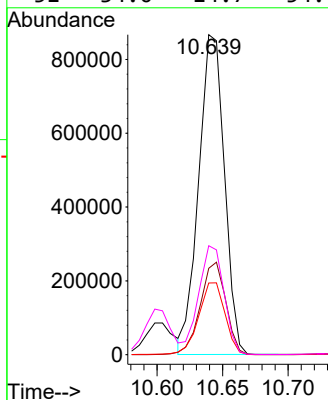
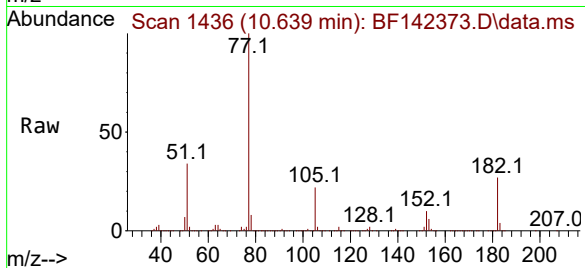
Ion Ratio Lower Upper

77 100

182 27.0 6.9 46.9

105 22.4 2.7 42.7

51 34.0 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

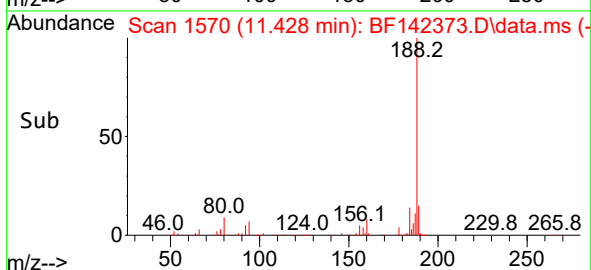
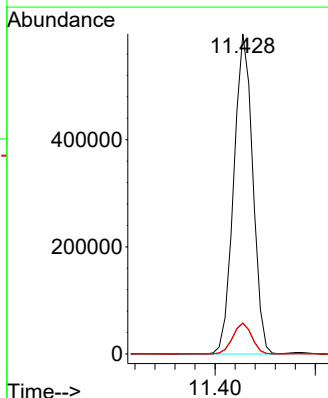
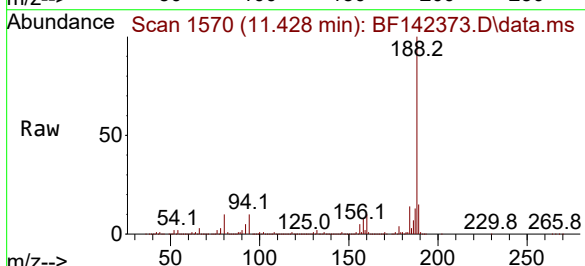
Tgt Ion:188 Resp: 786136

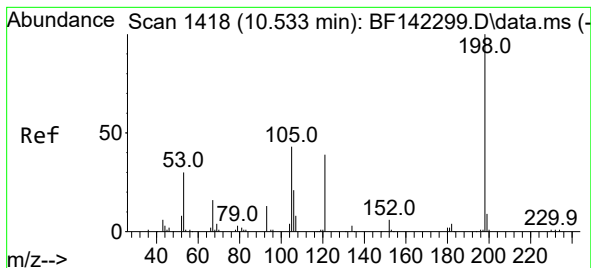
Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 9.7 7.9 11.9

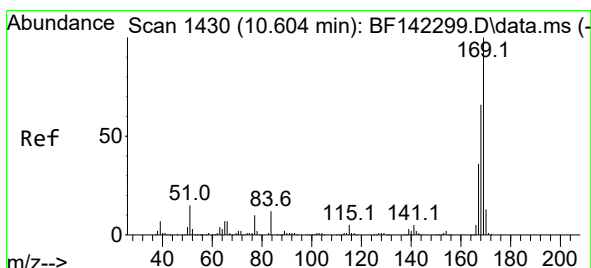
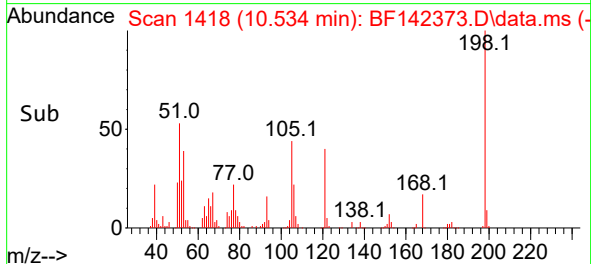
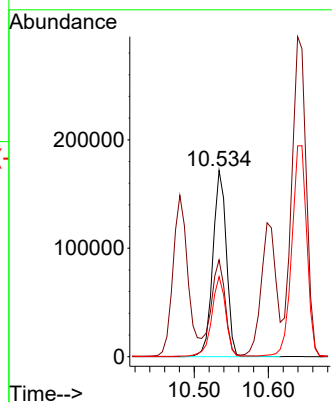
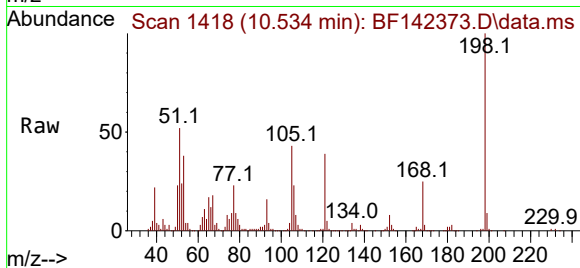




#65
4,6-Dinitro-2-methylphenol
Concen: 57.749 ng
RT: 10.534 min Scan# 1418
Delta R.T. 0.001 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

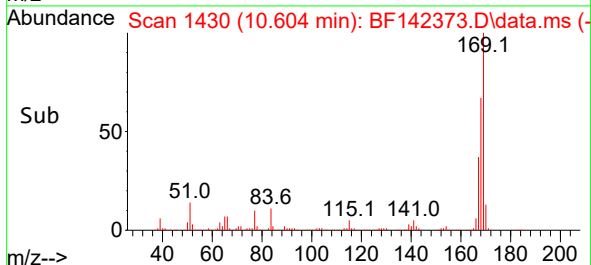
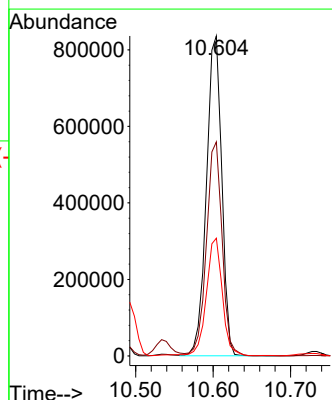
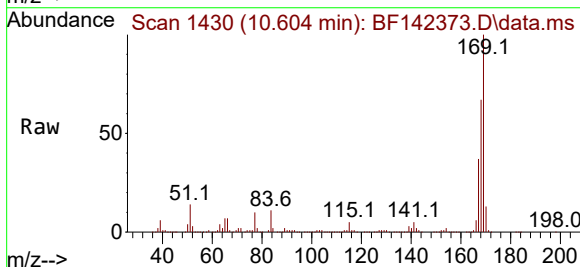
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

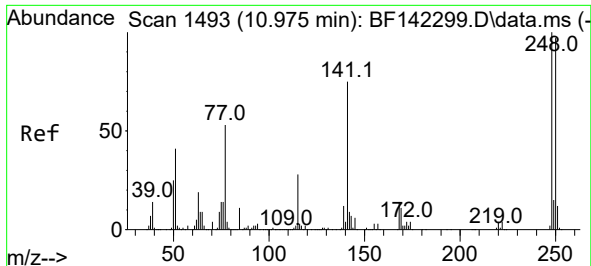
Tgt Ion:198 Resp: 217913
Ion Ratio Lower Upper
198 100
51 52.0 32.9 72.9
105 43.0 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 43.750 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:169 Resp: 1144480
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.8 28.9 43.3

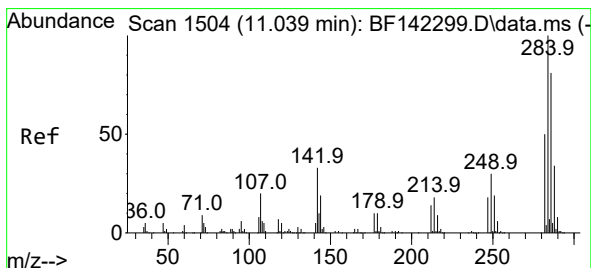
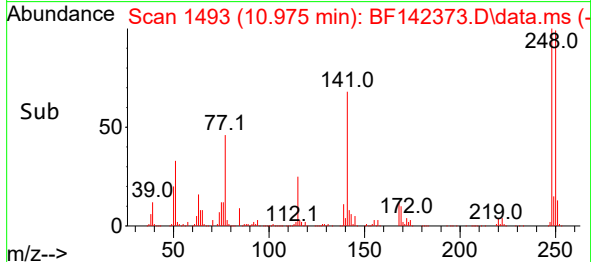
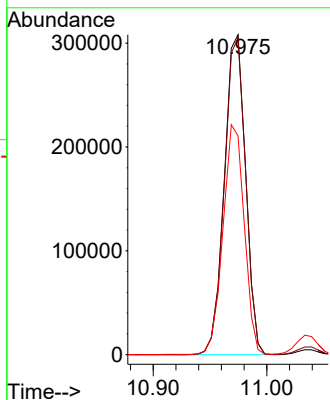
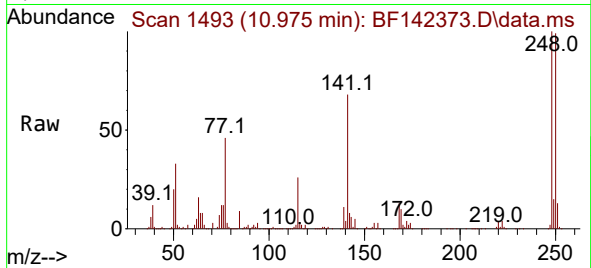




#67
4-Bromophenyl-phenylether
Concen: 45.072 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

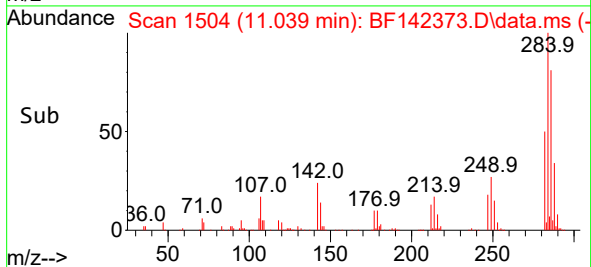
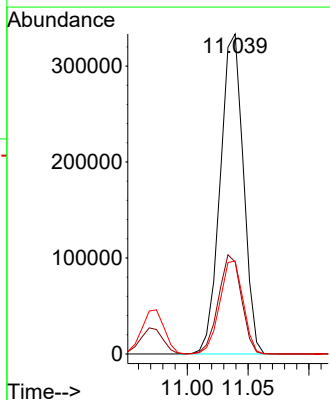
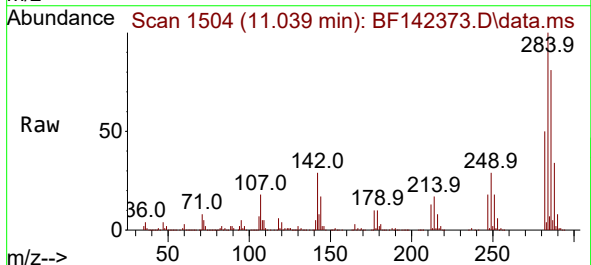
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

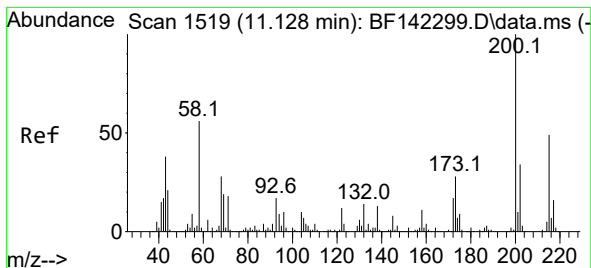
Tgt Ion:248 Resp: 401569
Ion Ratio Lower Upper
248 100
250 99.1 77.9 116.9
141 68.4 59.8 89.8



#68
Hexachlorobenzene
Concen: 44.921 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:284 Resp: 440242
Ion Ratio Lower Upper
284 100
142 28.7 26.6 39.8
249 29.0 24.1 36.1





#69

Atrazine

Concen: 52.162 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

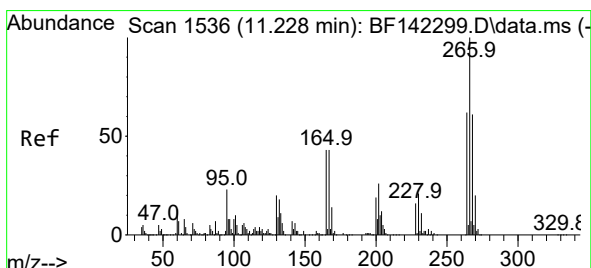
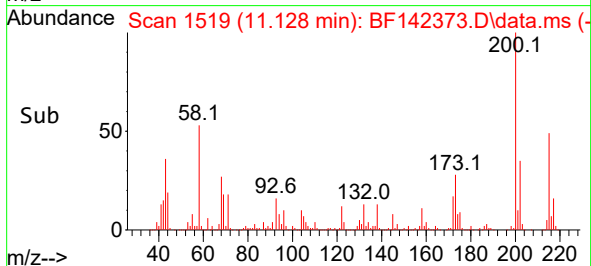
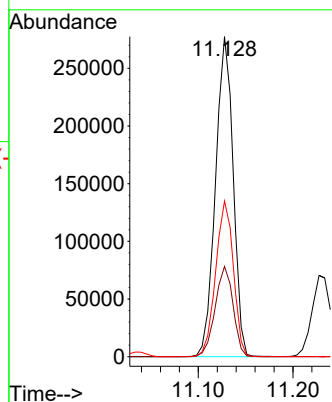
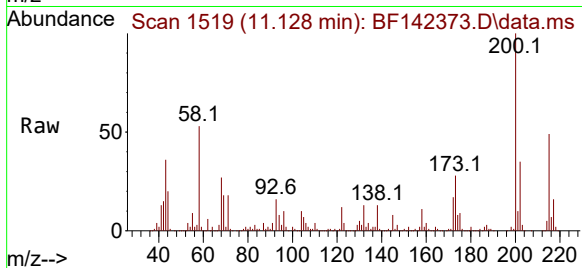
Tgt Ion:200 Resp: 359696

Ion Ratio Lower Upper

200 100

173 28.2 8.1 48.1

215 48.7 28.8 68.8



#70

Pentachlorophenol

Concen: 108.355 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

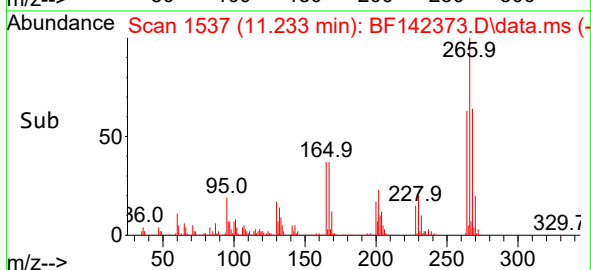
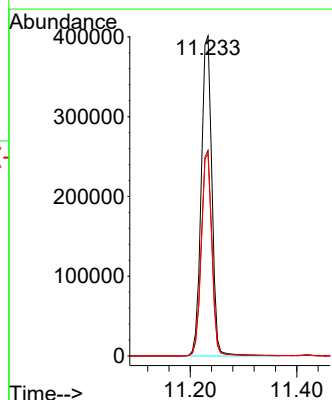
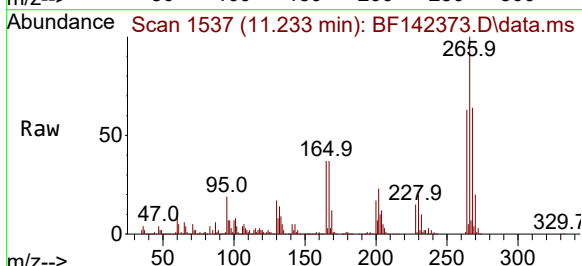
Tgt Ion:266 Resp: 558643

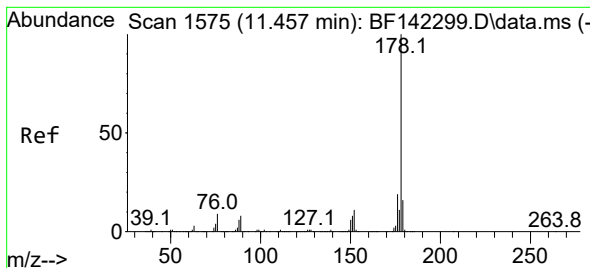
Ion Ratio Lower Upper

266 100

268 64.2 48.7 73.1

264 63.0 49.8 74.6





#71

Phenanthrene

Concen: 49.608 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

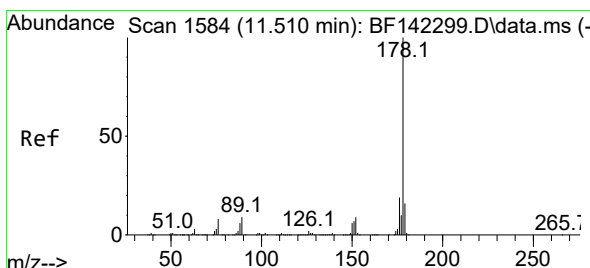
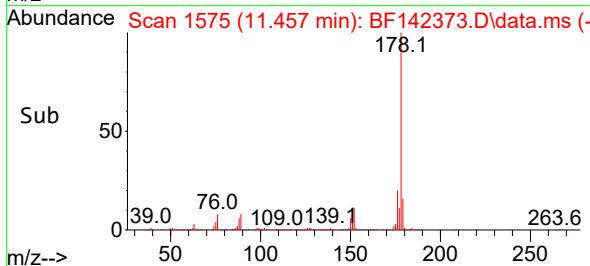
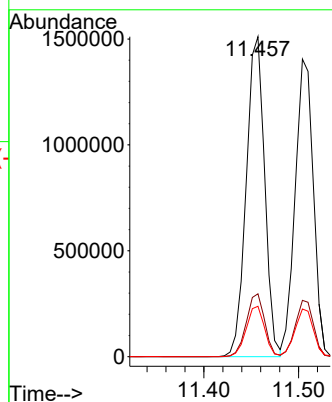
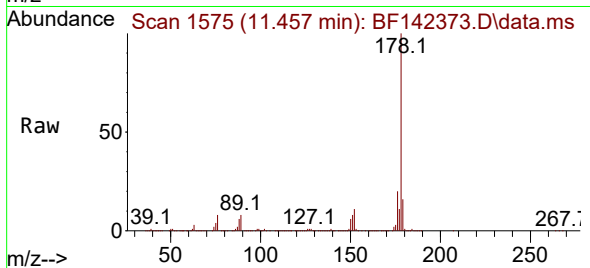
Tgt Ion:178 Resp: 2044231

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.8 12.6 18.8



#72

Anthracene

Concen: 44.334 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

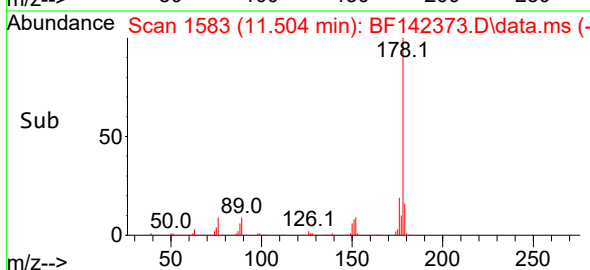
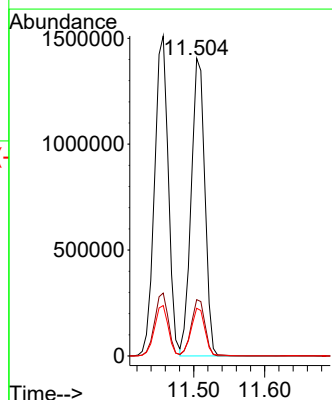
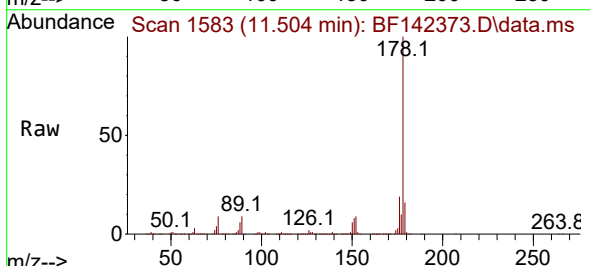
Tgt Ion:178 Resp: 1877139

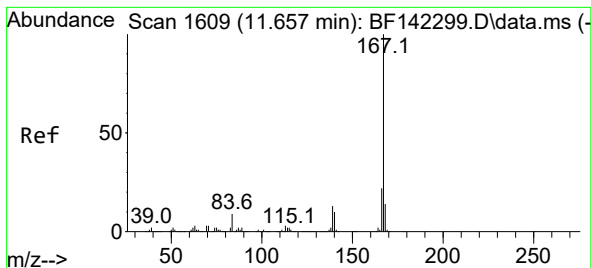
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 16.1 12.6 18.8





#73

Carbazole

Concen: 46.550 ng

RT: 11.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

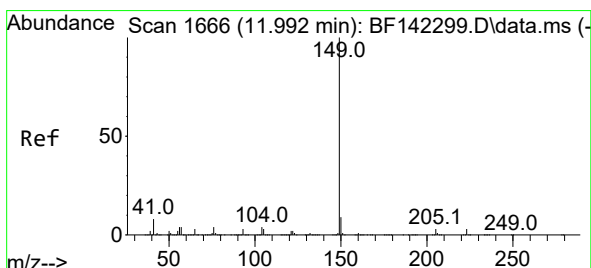
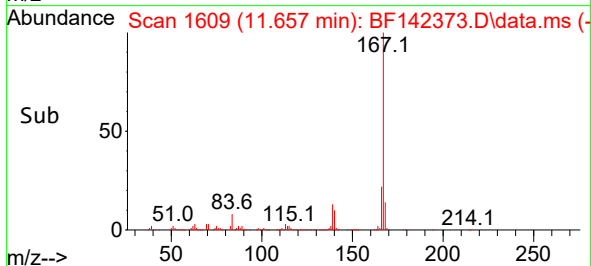
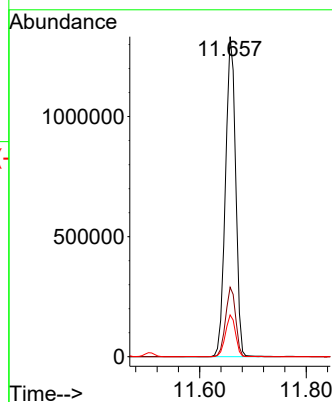
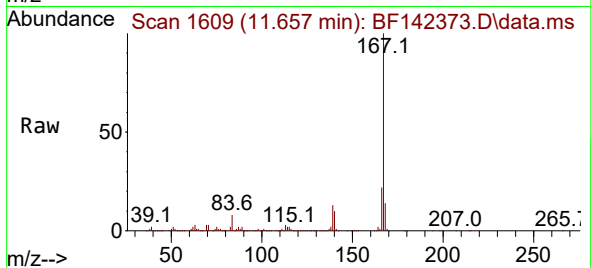
Tgt Ion:167 Resp: 1768267

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 53.952 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

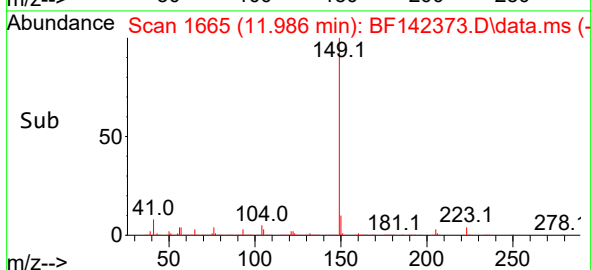
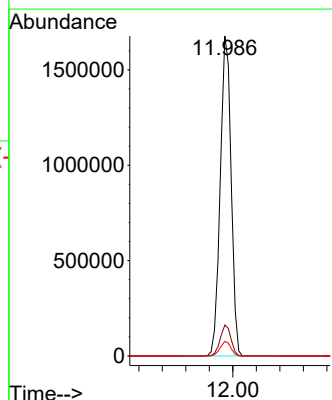
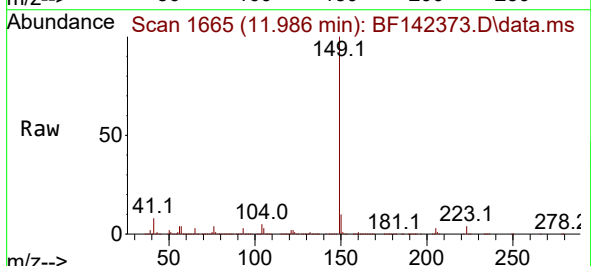
Tgt Ion:149 Resp: 2155058

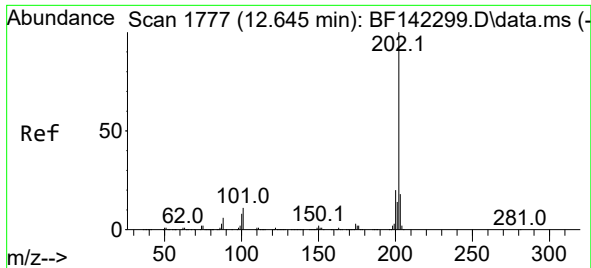
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 4.5 3.6 5.4

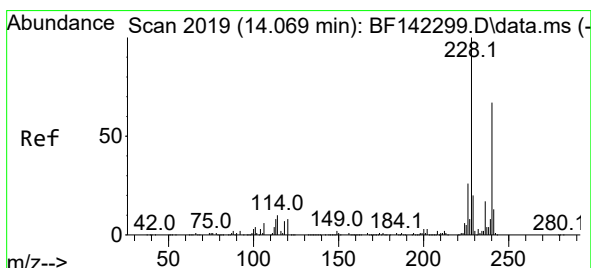
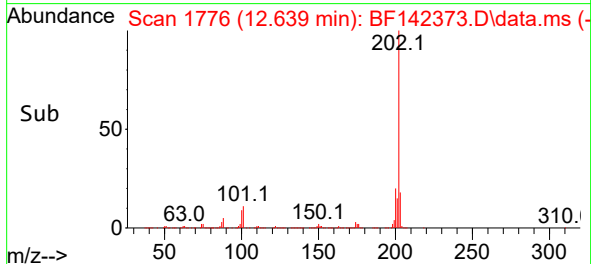
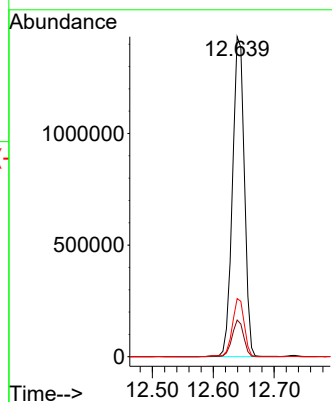
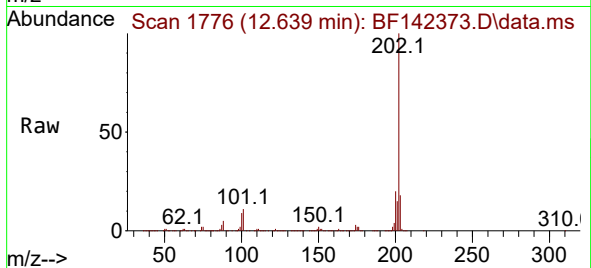




#75
Fluoranthene
Concen: 47.270 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

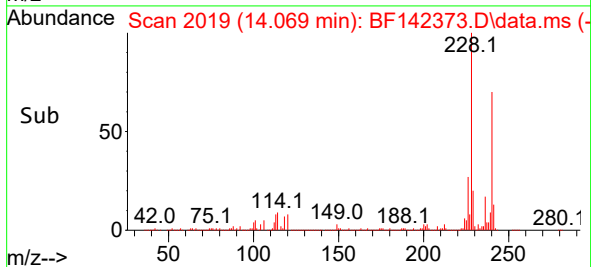
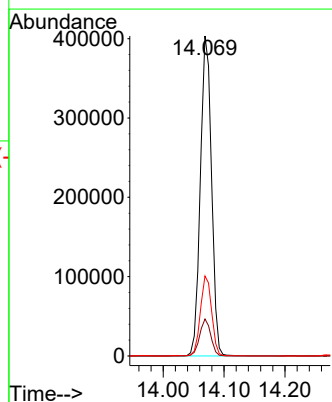
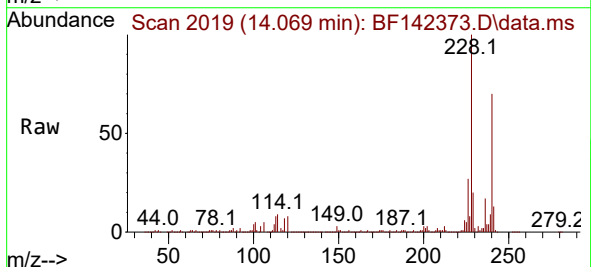
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

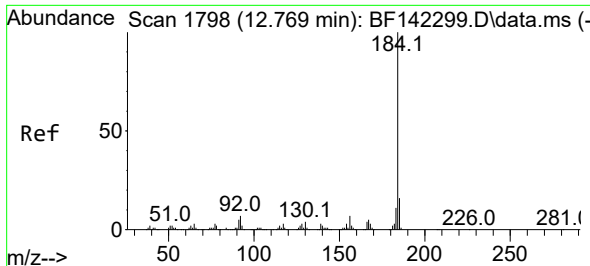
Tgt Ion:202 Resp: 1947140
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:240 Resp: 511971
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.0 20.0 30.0

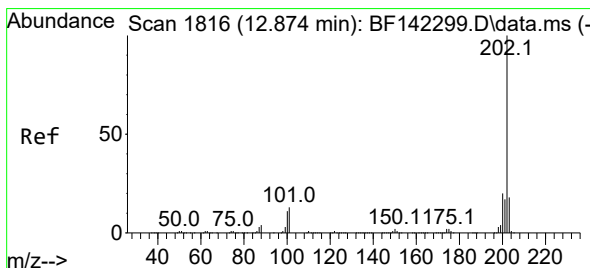
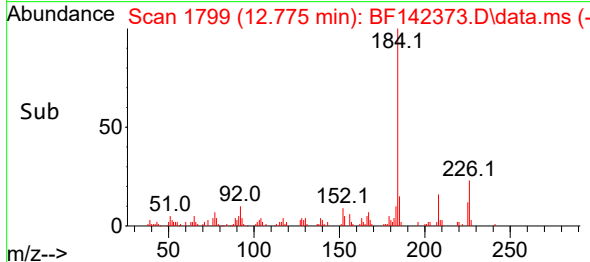
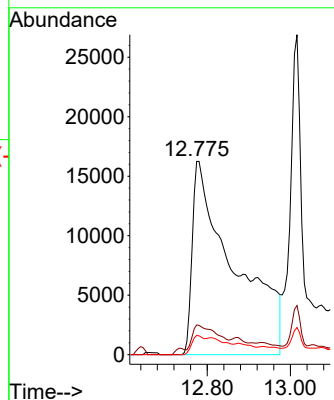
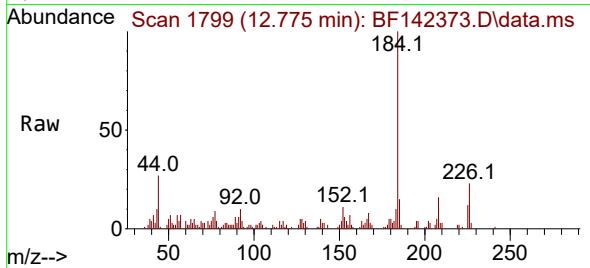




#77
Benzidine
Concen: 12.100 ng m
RT: 12.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

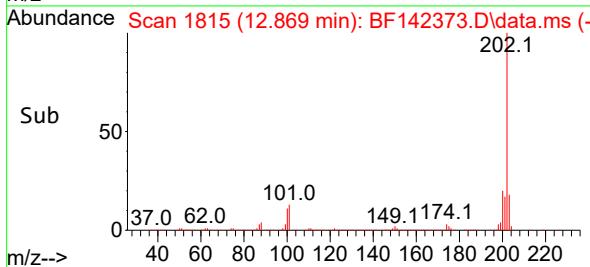
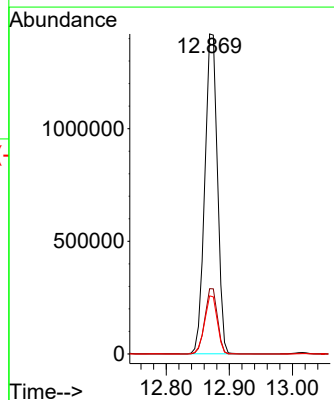
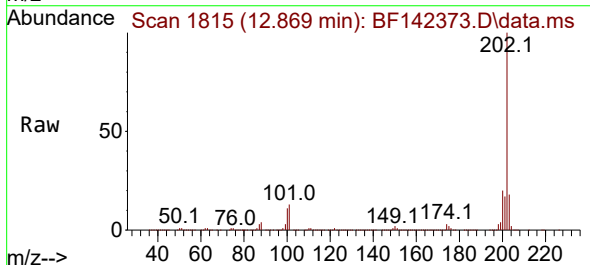
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

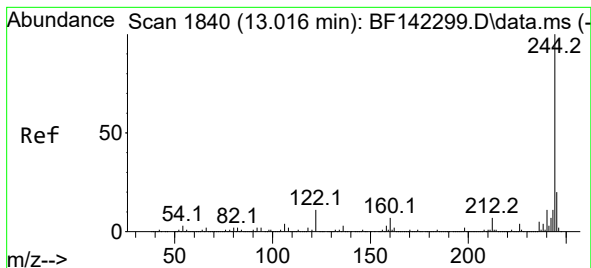
Tgt Ion:184 Resp: 112582
Ion Ratio Lower Upper
184 100
185 15.4 12.6 18.8
183 9.9 8.6 12.8



#78
Pyrene
Concen: 43.191 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:202 Resp: 1968238
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 18.2 14.3 21.5





#79

Terphenyl-d14

Concen: 75.452 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

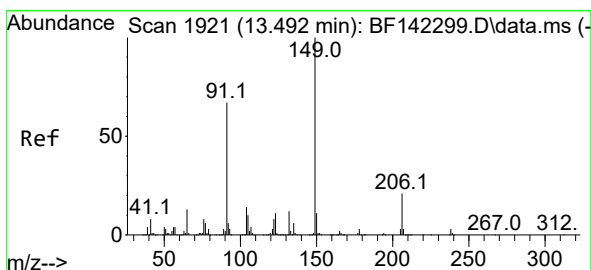
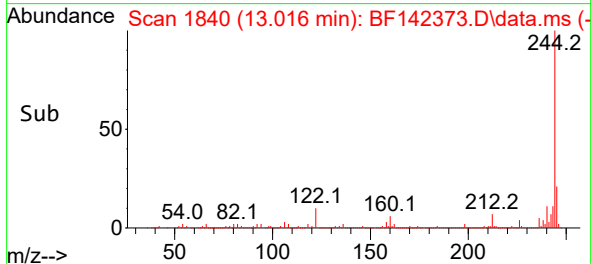
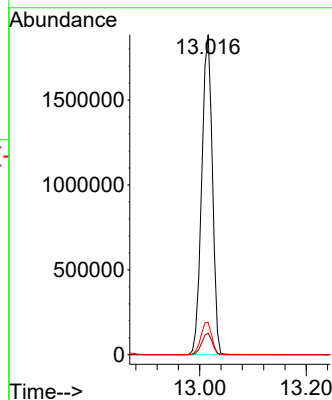
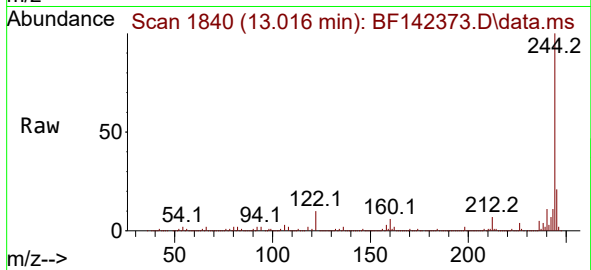
Tgt Ion:244 Resp: 2609910

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 62.081 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

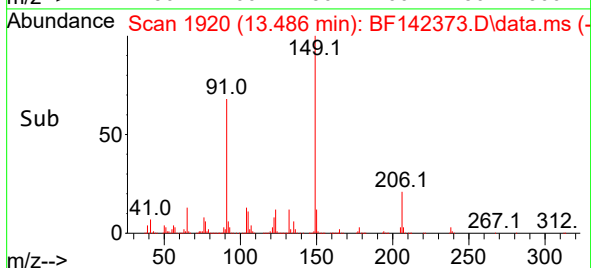
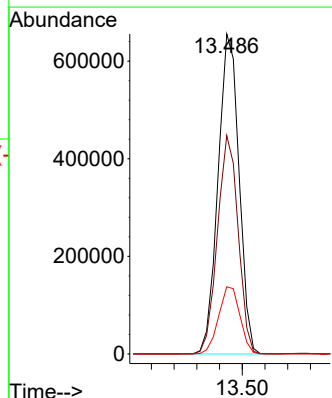
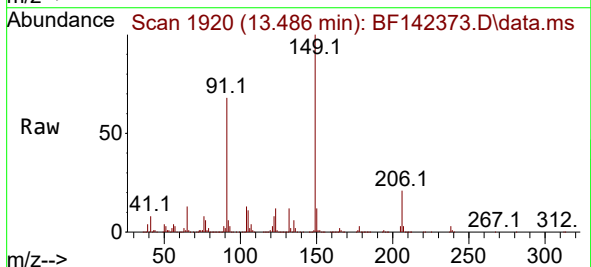
Tgt Ion:149 Resp: 841069

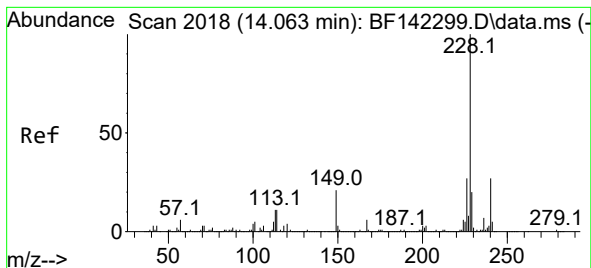
Ion Ratio Lower Upper

149 100

91 68.3 53.8 80.6

206 21.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 47.226 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

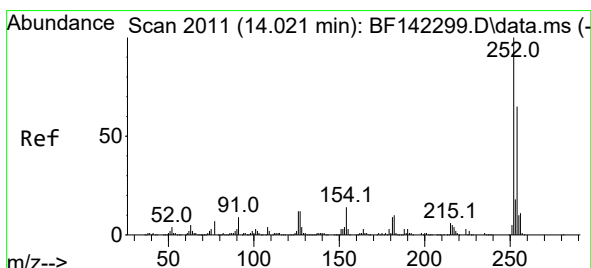
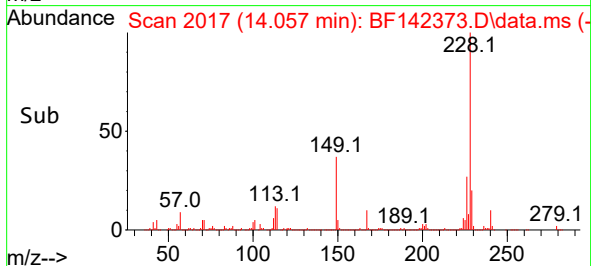
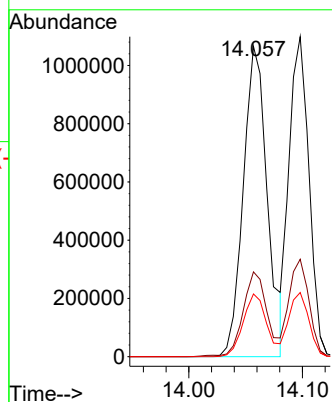
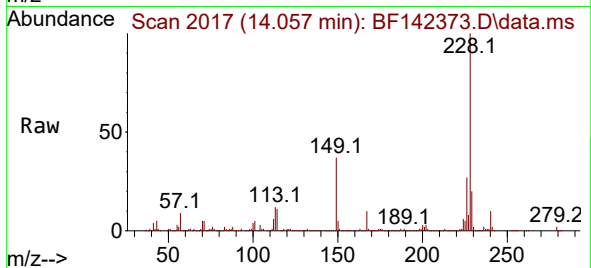
Tgt Ion:228 Resp: 1565824

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 20.2 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 47.843 ng

RT: 14.022 min Scan# 2011

Delta R.T. 0.001 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

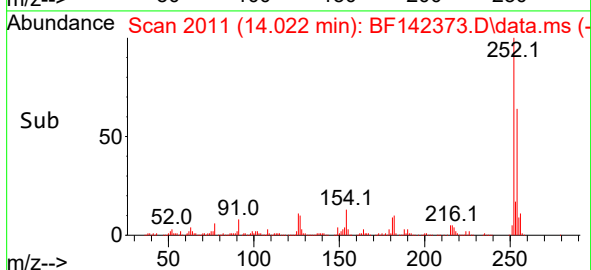
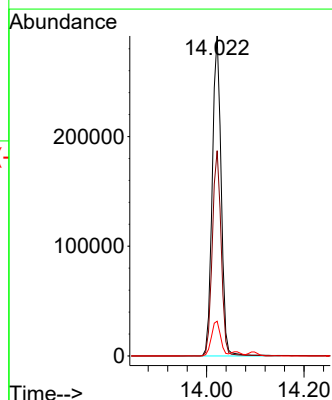
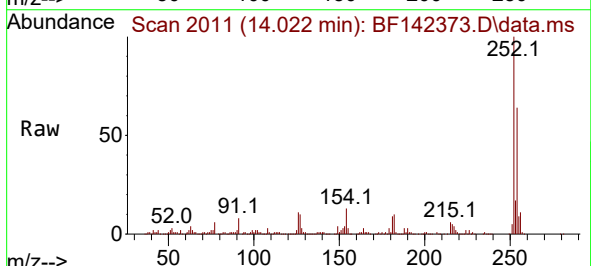
Tgt Ion:252 Resp: 368885

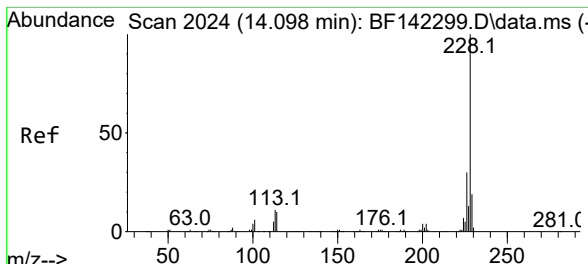
Ion Ratio Lower Upper

252 100

254 64.1 52.0 78.0

126 10.8 9.7 14.5



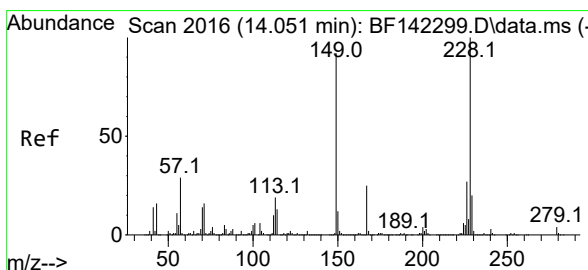
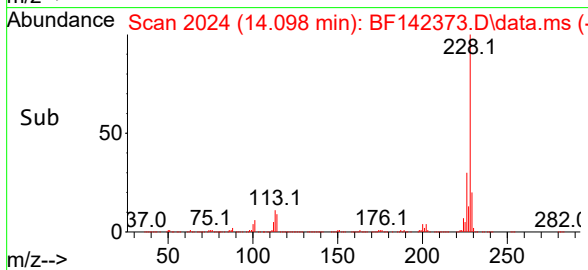
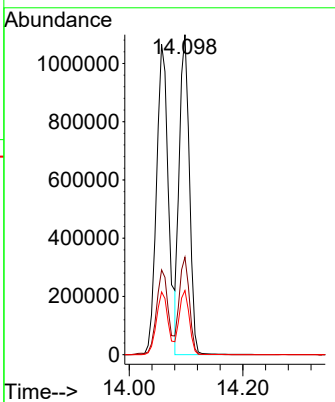
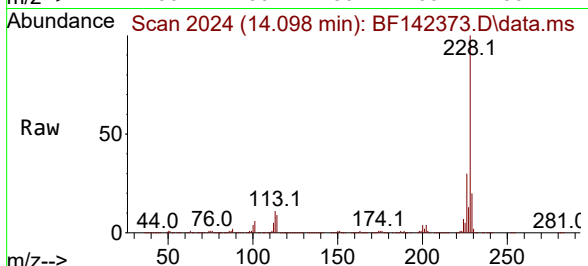


#83
 Chrysene
 Concen: 43.419 ng
 RT: 14.098 min Scan# 2024
 Delta R.T. 0.000 min
 Lab File: BF142373.D
 Acq: 14 May 2025 18:41

Instrument :
 BNA_F
 ClientSampleId :
 WC-A4-03-CMSD

Tgt Ion:228 Resp: 1340162

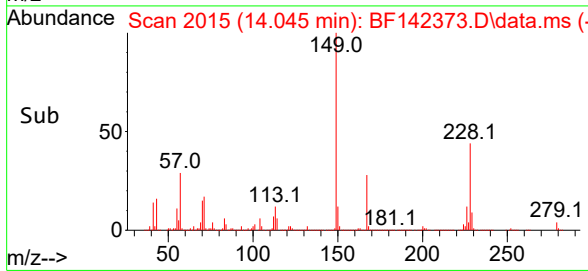
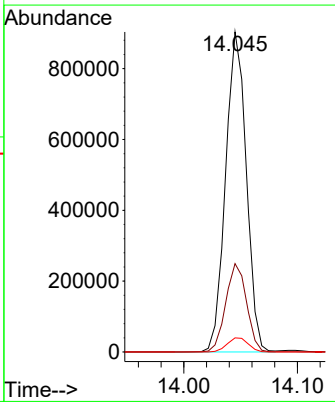
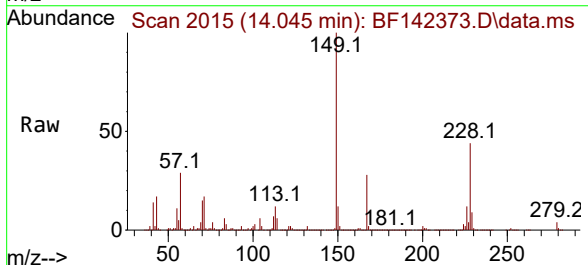
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	20.0	15.4	23.2

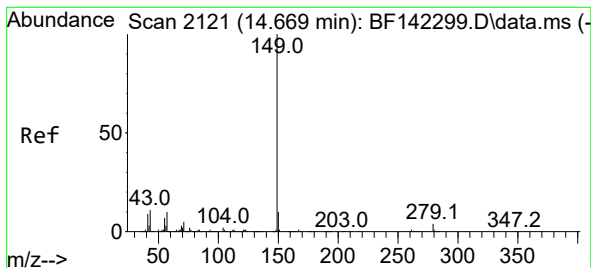


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 64.450 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142373.D
 Acq: 14 May 2025 18:41

Tgt Ion:149 Resp: 1143777

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.0	33.0
279	4.4	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 54.601 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

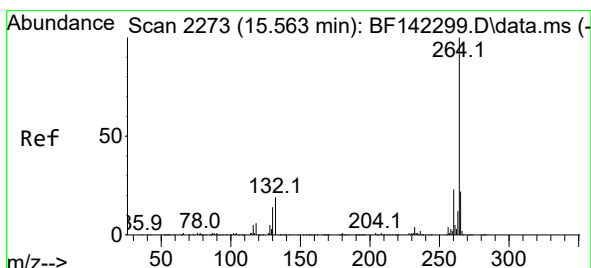
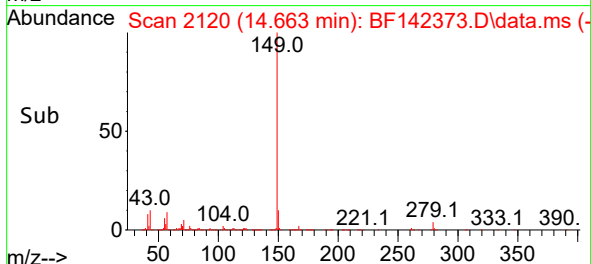
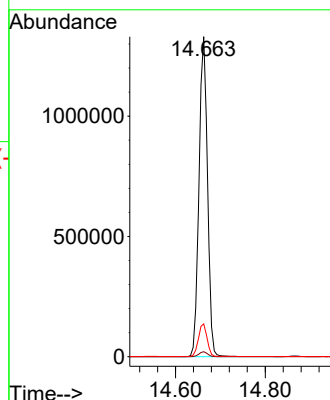
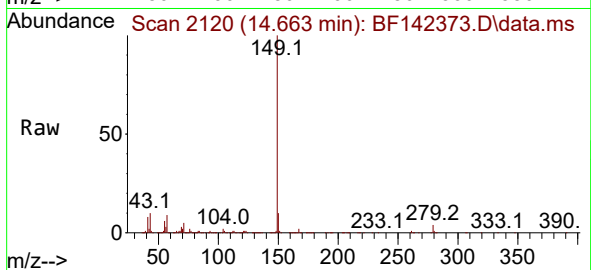
Tgt Ion:149 Resp: 1745181

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

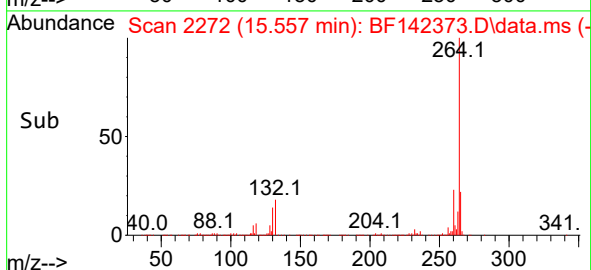
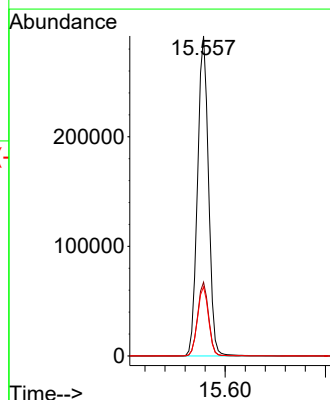
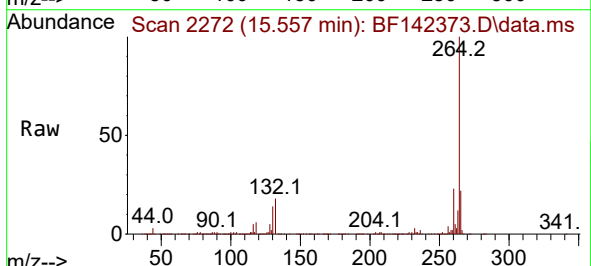
Tgt Ion:264 Resp: 442353

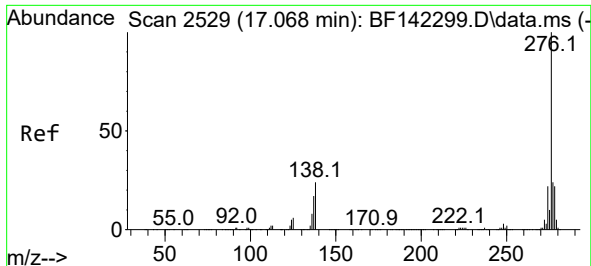
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.6 17.5 26.3

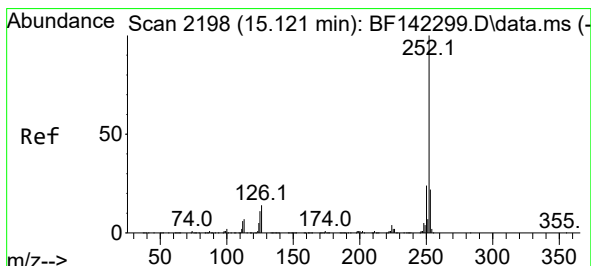
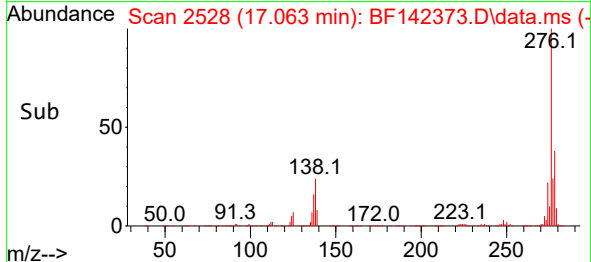
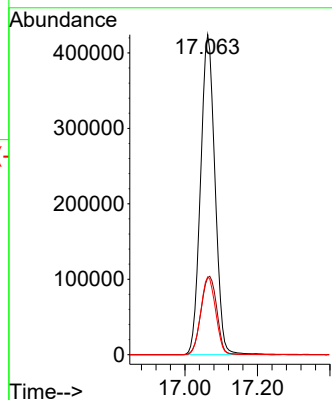
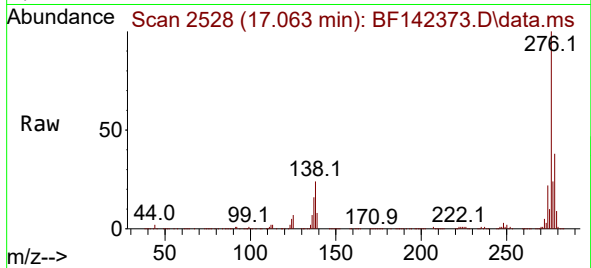




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.042 ng
RT: 17.063 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

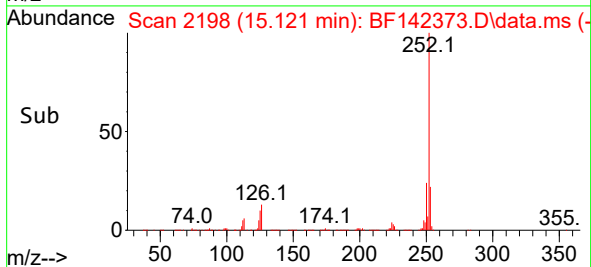
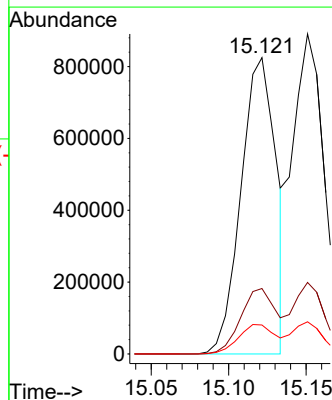
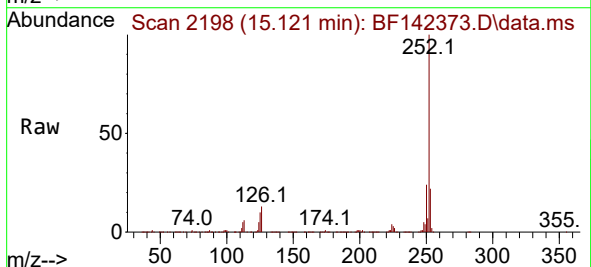
Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

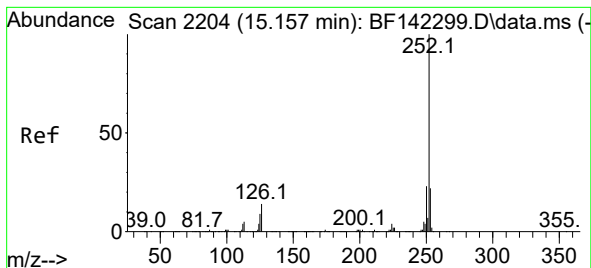
Tgt Ion:276 Resp: 1170623
Ion Ratio Lower Upper
276 100
138 26.8 22.0 33.0
277 25.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 48.357 ng
RT: 15.121 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:252 Resp: 1295553
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.8 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 51.383 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

WC-A4-03-CMSD

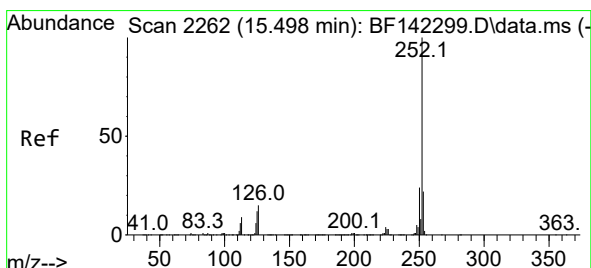
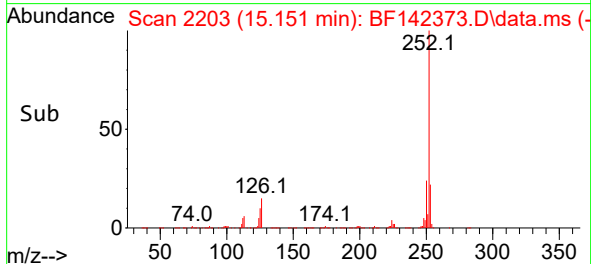
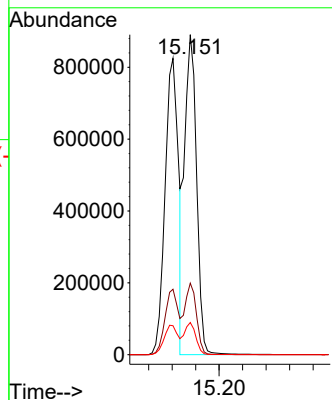
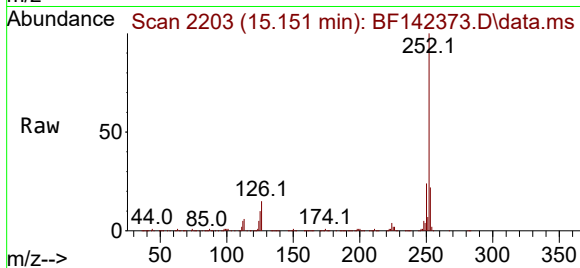
Tgt Ion:252 Resp: 1259782

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.0 8.1 12.1



#90

Benzo(a)pyrene

Concen: 49.310 ng

RT: 15.492 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF142373.D

Acq: 14 May 2025 18:41

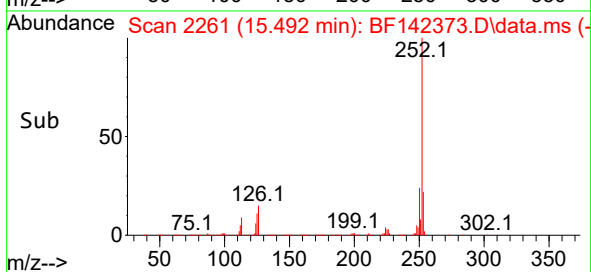
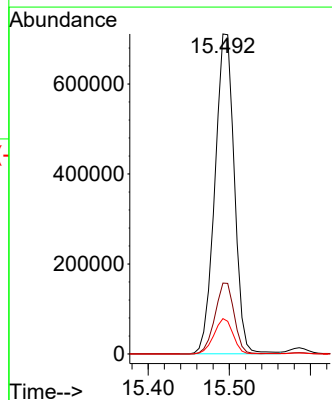
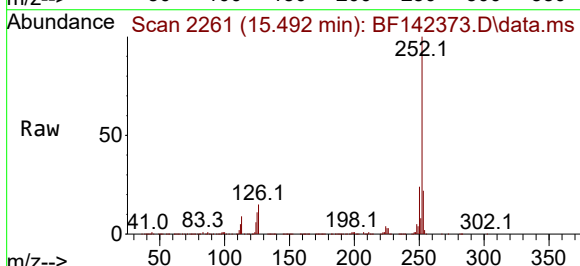
Tgt Ion:252 Resp: 1183844

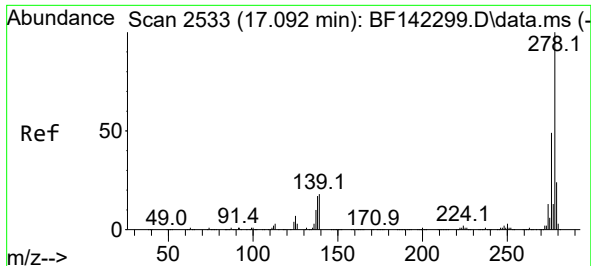
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 11.1 9.4 14.0

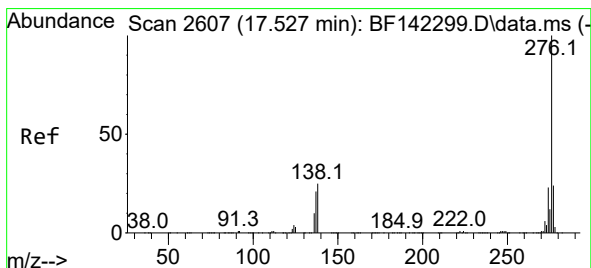
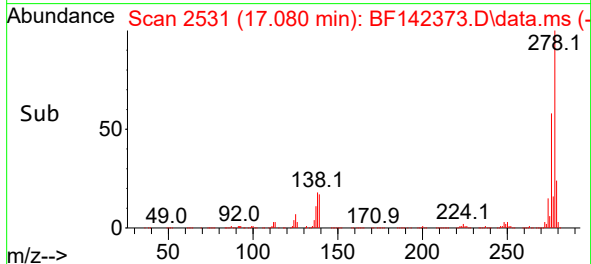
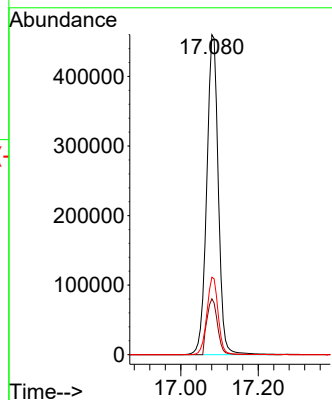
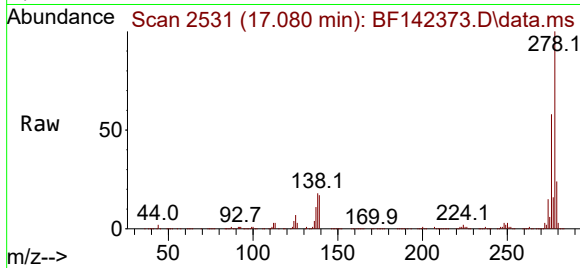




#91
Dibenzo(a,h)anthracene
Concen: 37.507 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
WC-A4-03-CMSD

Tgt Ion:278 Resp: 953494
Ion Ratio Lower Upper
278 100
139 17.5 14.5 21.7
279 24.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 34.550 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142373.D
Acq: 14 May 2025 18:41

Tgt Ion:276 Resp: 871735
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 22.2 19.8 29.6

