

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142338.D
 Acq On : 13 May 2025 11:46
 Operator : RC/JU
 Sample : PB167951BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

Quant Time: May 13 12:12:01 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	6.904	152	241382	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	943250	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	511130	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	874805	20.000	ng	0.00
76) Chrysene-d12	14.074	240	500567	20.000	ng	0.00
86) Perylene-d12	15.563	264	474027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1707404	120.749	ng	0.02
7) Phenol-d6	6.534	99	2124088	122.136	ng	0.01
23) Nitrobenzene-d5	7.469	82	1278916	82.690	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	711687	144.216	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2593122	72.339	ng	0.00
79) Terphenyl-d14	13.016	244	2632861	77.850	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	207722	32.622	ng	100
3) Pyridine	3.534	79	570207	38.141	ng	98
4) n-Nitrosodimethylamine	3.487	42	355540	40.920	ng	99
6) Aniline	6.569	93	845882	49.588	ng	99
8) 2-Chlorophenol	6.687	128	680417	45.030	ng	100
9) Benzaldehyde	6.451	77	233348	22.925	ng	97
10) Phenol	6.545	94	849474	46.080	ng	96
11) bis(2-Chloroethyl)ether	6.640	93	681136	37.467	ng	99
12) 1,3-Dichlorobenzene	6.845	146	704235	40.738	ng	99
13) 1,4-Dichlorobenzene	6.922	146	710663	40.944	ng	99
14) 1,2-Dichlorobenzene	7.075	146	690036	41.418	ng	99
15) Benzyl Alcohol	7.045	79	547065	48.579	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1116178	41.115	ng	99
17) 2-Methylphenol	7.151	107	546222	44.651	ng	99
18) Hexachloroethane	7.422	117	247237	42.812	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	453917	42.195	ng	97
20) 3+4-Methylphenols	7.304	107	664649	43.533	ng	98
22) Acetophenone	7.316	105	871738	41.565	ng	99
24) Nitrobenzene	7.487	77	672452	46.124	ng	98
25) Isophorone	7.728	82	1282336	43.784	ng	100
26) 2-Nitrophenol	7.804	139	329627	47.001	ng	99
27) 2,4-Dimethylphenol	7.840	122	665591	45.201	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	806367	42.818	ng	100
29) 2,4-Dichlorophenol	8.045	162	580463	46.367	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	600381	42.613	ng	100
31) Naphthalene	8.210	128	1926661	42.145	ng	100
32) Benzoic acid	7.957	122	410434	51.001	ng	99
33) 4-Chloroaniline	8.263	127	237628	12.739	ng	99
34) Hexachlorobutadiene	8.328	225	361338	43.312	ng	100
35) Caprolactam	8.634	113	187405m	51.364	ng	
36) 4-Chloro-3-methylphenol	8.734	107	606490	46.604	ng	99
37) 2-Methylnaphthalene	8.898	142	1215435	42.787	ng	99
38) 1-Methylnaphthalene	8.998	142	1247683	42.141	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	583955	40.906	ng	99
41) Hexachlorocyclopentadiene	9.057	237	785517	89.036	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	445473	49.473	ng	99

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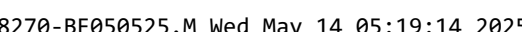
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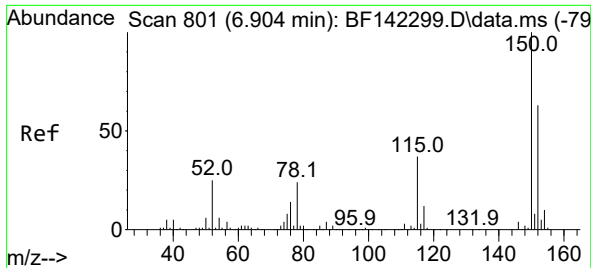
Quant Time: May 13 12:12:01 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	445249	46.473	ng	100
46) 1,1'-Biphenyl	9.369	154	1623648	41.430	ng	99
47) 2-Chloronaphthalene	9.392	162	1243156	42.654	ng	99
48) 2-Nitroaniline	9.486	65	375868	50.314	ng	91
49) Acenaphthylene	9.810	152	2071966	42.497	ng	100
50) Dimethylphthalate	9.669	163	1466822	44.691	ng	100
51) 2,6-Dinitrotoluene	9.728	165	323178	52.605	ng	92
52) Acenaphthene	9.981	154	1363722	46.518	ng	100
53) 3-Nitroaniline	9.898	138	262380	36.415	ng	94
54) 2,4-Dinitrophenol	10.004	184	334297	101.710	ng	# 1
55) Dibenzofuran	10.151	168	1836587	42.449	ng	98
56) 4-Nitrophenol	10.051	139	582316	107.384	ng	99
57) 2,4-Dinitrotoluene	10.133	165	440858	55.943	ng	97
58) Fluorene	10.498	166	1385694	41.968	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	396218	50.097	ng	97
60) Diethylphthalate	10.369	149	1485669	45.327	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	686859	43.118	ng	99
62) 4-Nitroaniline	10.516	138	349500	61.202	ng	98
63) Azobenzene	10.645	77	1356723	43.317	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	206766	50.299	ng	97
66) n-Nitrosodiphenylamine	10.604	169	1267302	43.535	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	444751	44.859	ng	99
68) Hexachlorobenzene	11.039	284	496845	45.558	ng	99
69) Atrazine	11.133	200	386080	50.314	ng	99
70) Pentachlorophenol	11.233	266	613387	106.915	ng	99
71) Phenanthrene	11.457	178	1971676	42.998	ng	99
72) Anthracene	11.510	178	2029462	43.074	ng	100
73) Carbazole	11.663	167	1865721	44.137	ng	100
74) Di-n-butylphthalate	11.992	149	2149539	48.360	ng	99
75) Fluoranthene	12.645	202	2004417	43.728	ng	100
77) Benzidine	12.763	184	668971	73.540	ng	99
78) Pyrene	12.874	202	2015964	45.246	ng	100
80) Butylbenzylphthalate	13.492	149	643503	49.376	ng	99
81) Benzo(a)anthracene	14.063	228	1480499	45.670	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	304866	40.441	ng	99
83) Chrysene	14.098	228	1358442	45.014	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	757616	45.030	ng	100
85) Di-n-octyl phthalate	14.668	149	1299418	43.450	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1527317	46.318	ng	99
88) Benzo(b)fluoranthene	15.127	252	1318721	45.933	ng	99
89) Benzo(k)fluoranthene	15.157	252	1269903	48.335	ng	100
90) Benzo(a)pyrene	15.504	252	1237919	48.117	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	1253090	45.998	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1243180	45.979	ng	99

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

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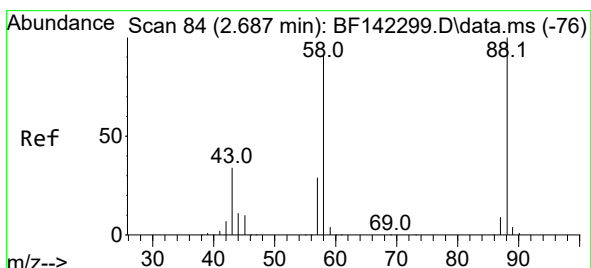
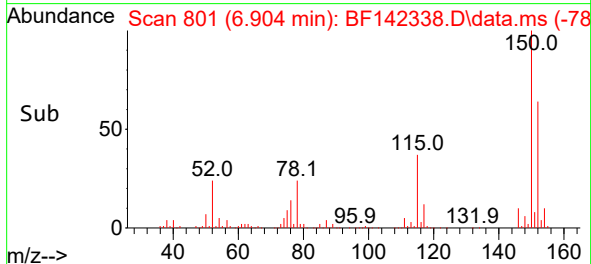
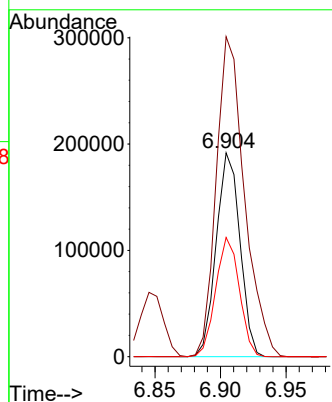
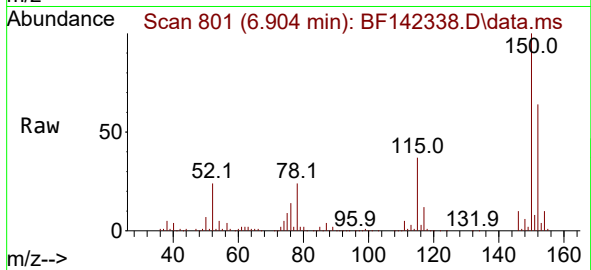




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

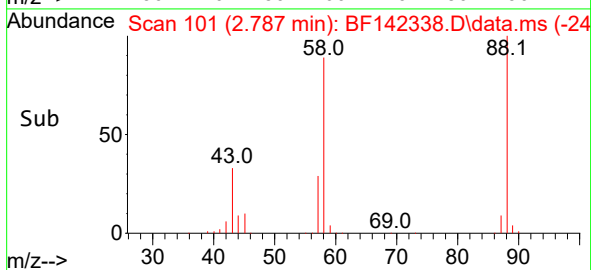
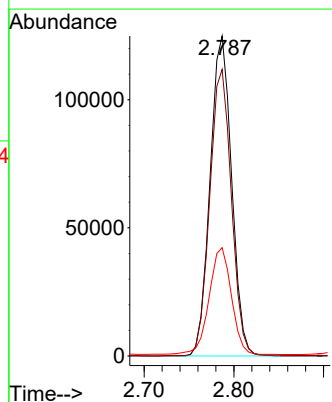
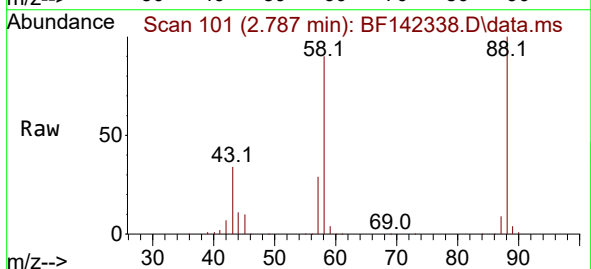
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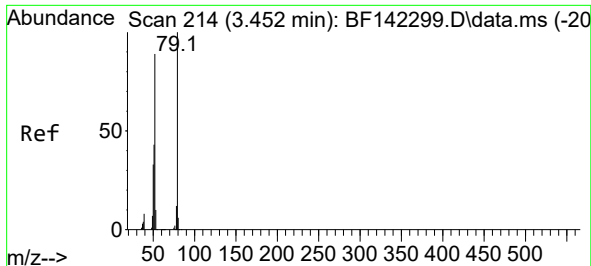
Tgt Ion:152 Resp: 241382
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.6 190.0
 115 58.4 47.3 70.9



#2
 1,4-Dioxane
 Concen: 32.622 ng
 RT: 2.787 min Scan# 101
 Delta R.T. 0.100 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

Tgt Ion: 88 Resp: 207722
 Ion Ratio Lower Upper
 88 100
 58 90.7 73.0 109.4
 43 34.7 27.8 41.6

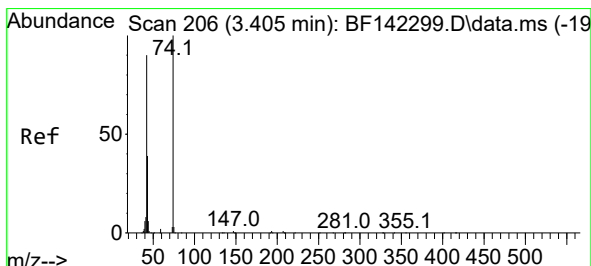
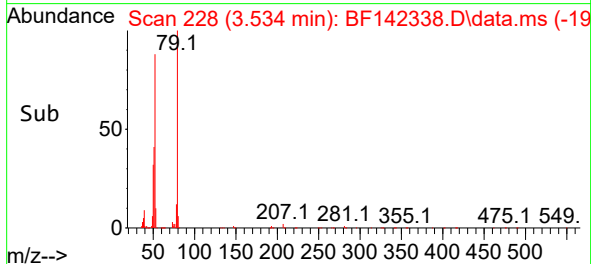
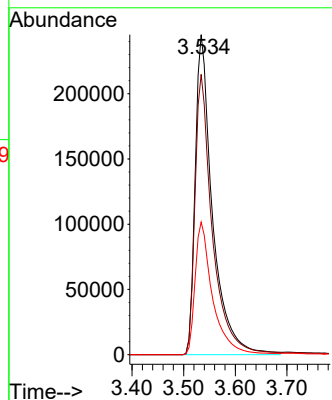
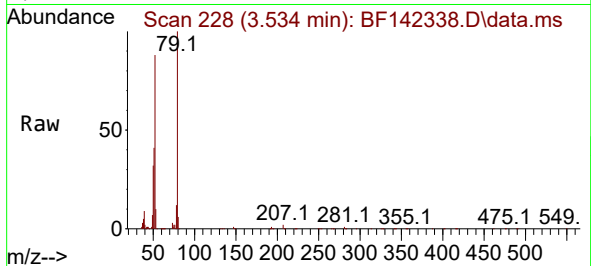




#3
Pyridine
Concen: 38.141 ng
RT: 3.534 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

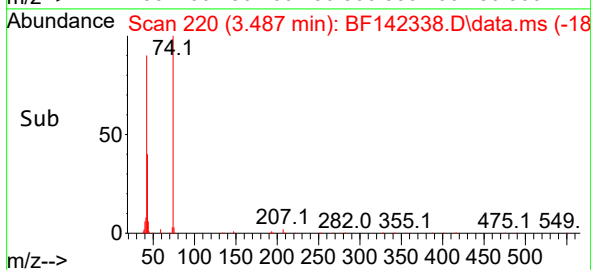
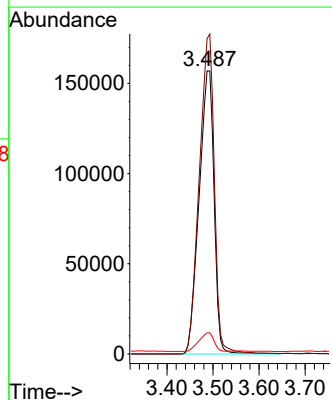
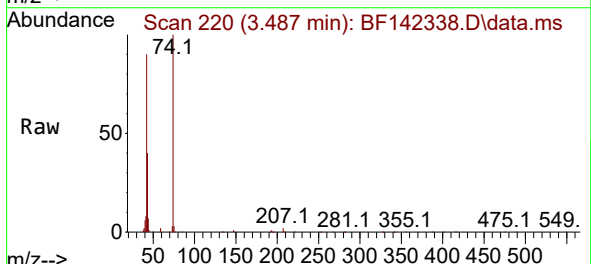
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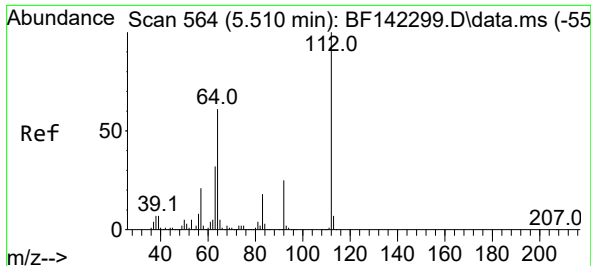
Tgt Ion: 79 Resp: 570207
Ion Ratio Lower Upper
79 100
52 87.6 71.0 106.4
51 41.5 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 40.920 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.082 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion: 42 Resp: 355540
Ion Ratio Lower Upper
42 100
74 111.3 88.5 132.7
44 7.5 5.8 8.8

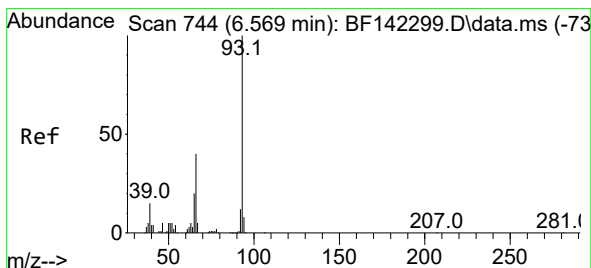
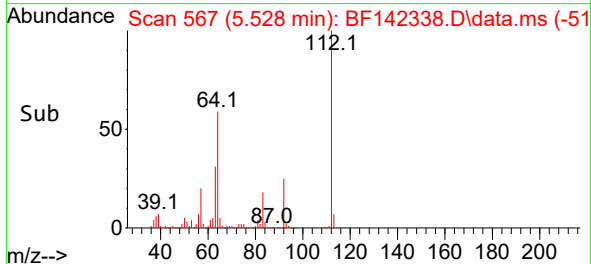
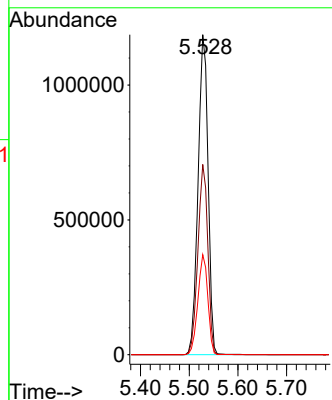
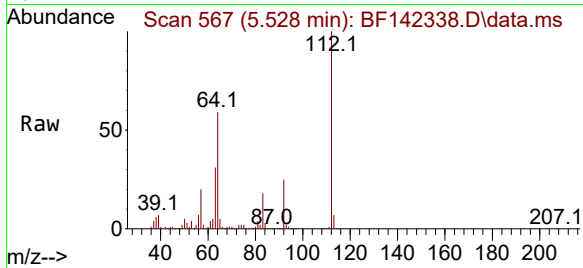




#5
2-Fluorophenol
Concen: 120.749 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

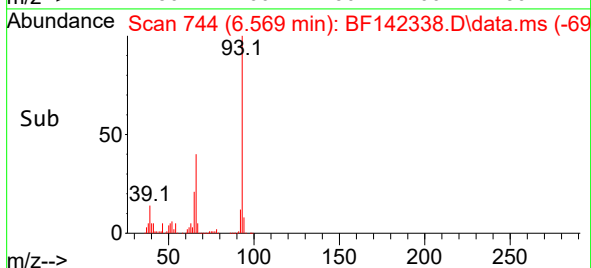
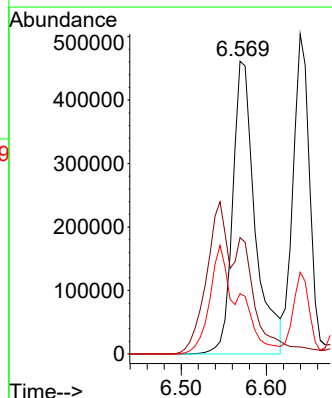
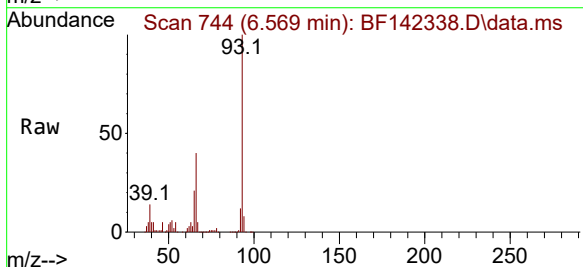
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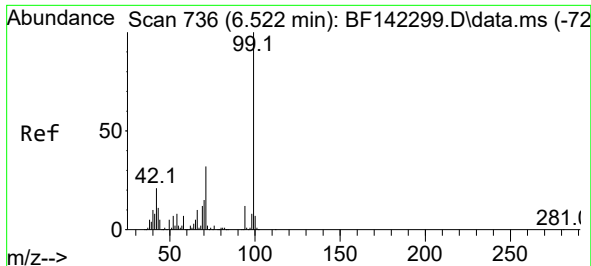
Tgt Ion:112 Resp: 1707404
Ion Ratio Lower Upper
112 100
64 59.4 48.9 73.3
63 31.3 25.6 38.4



#6
Aniline
Concen: 49.588 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion: 93 Resp: 845882
Ion Ratio Lower Upper
93 100
66 39.7 32.2 48.4
65 20.6 16.3 24.5

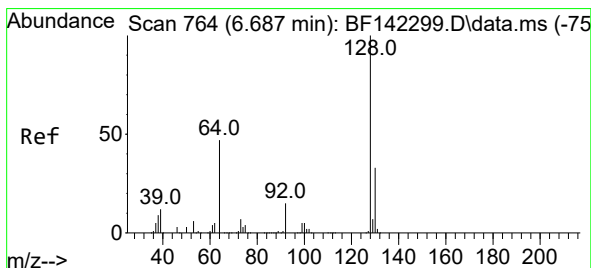
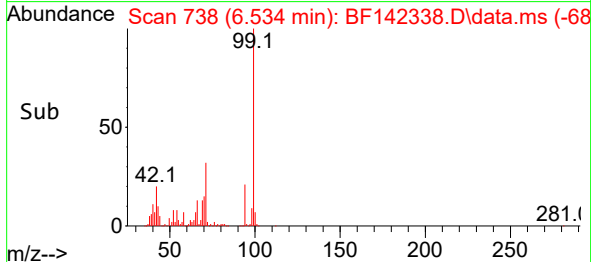
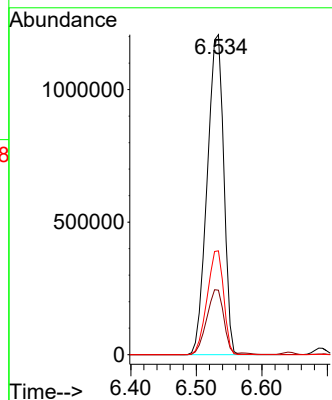
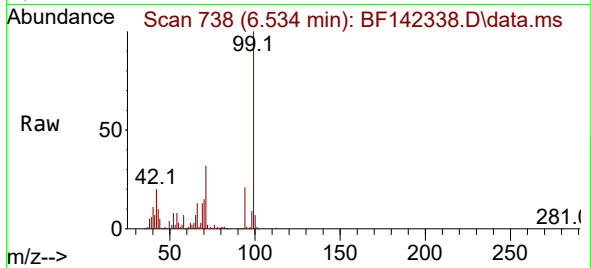




#7
Phenol-d6
Concen: 122.136 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.012 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

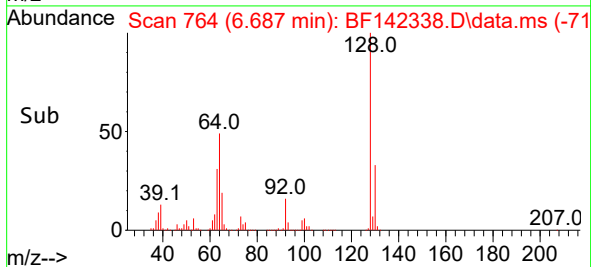
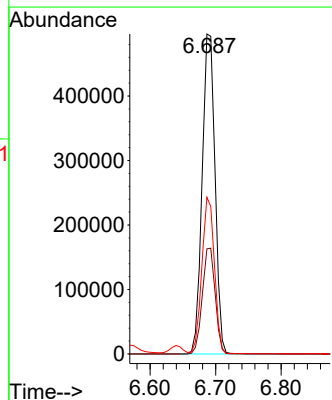
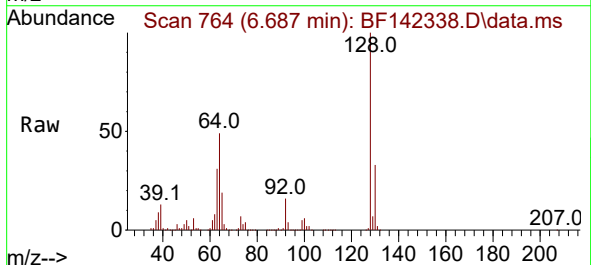
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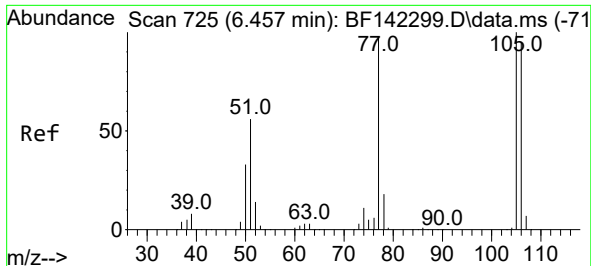
Tgt Ion: 99 Resp: 2124088
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.4
71 32.5 25.8 38.8



#8
2-Chlorophenol
Concen: 45.030 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion: 128 Resp: 680417
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 48.9 29.2 69.2

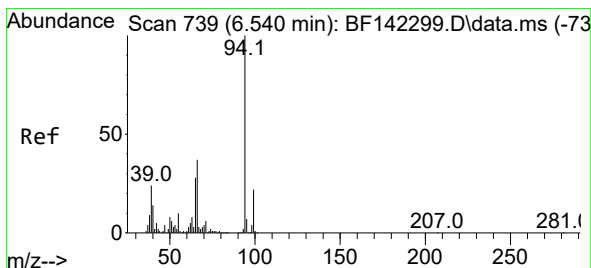
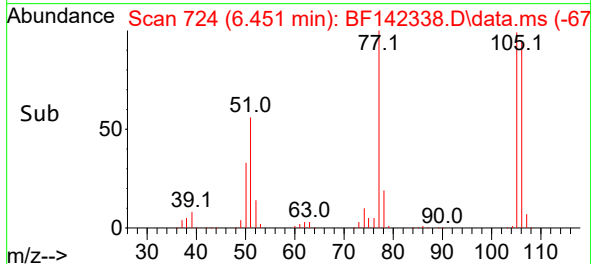
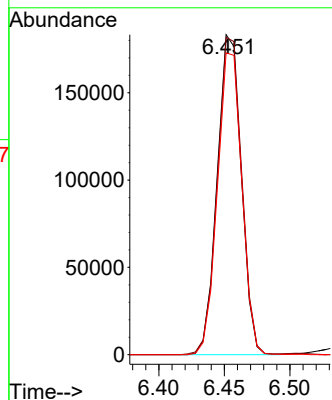
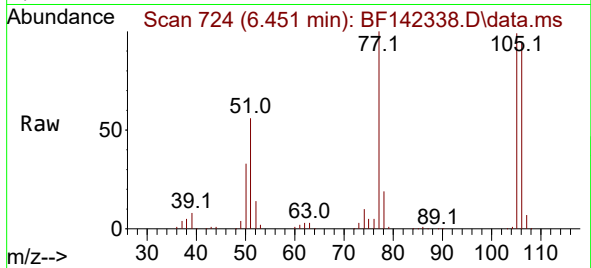




#9
Benzaldehyde
Concen: 22.925 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

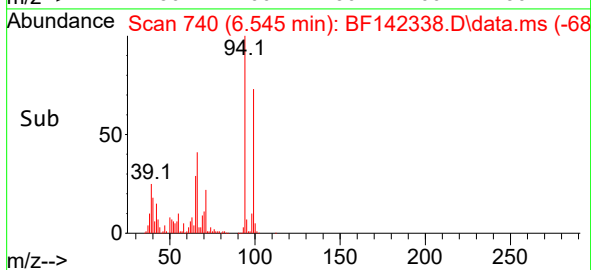
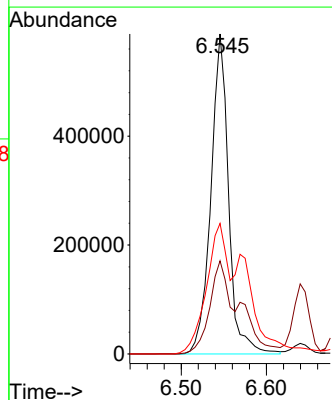
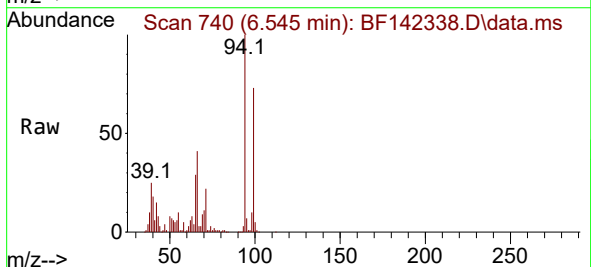
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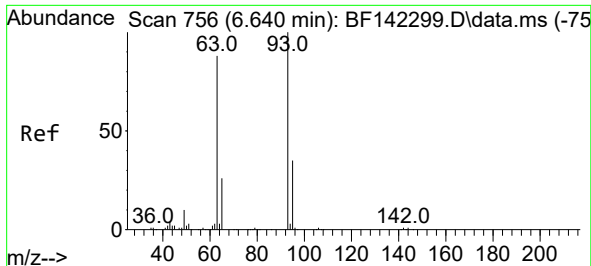
Tgt Ion: 77 Resp: 233348
Ion Ratio Lower Upper
77 100
105 99.2 82.0 122.0
106 94.3 77.2 117.2



#10
Phenol
Concen: 46.080 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion: 94 Resp: 849474
Ion Ratio Lower Upper
94 100
65 29.1 8.5 48.5
66 40.8 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 37.467 ng

RT: 6.640 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

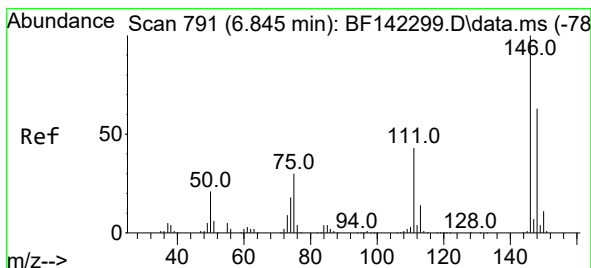
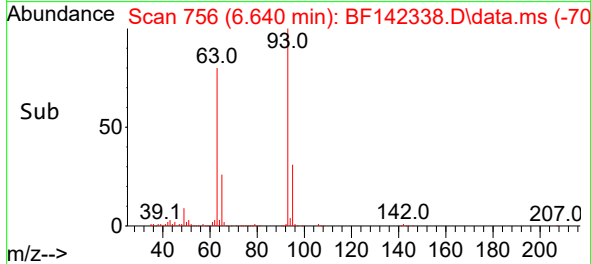
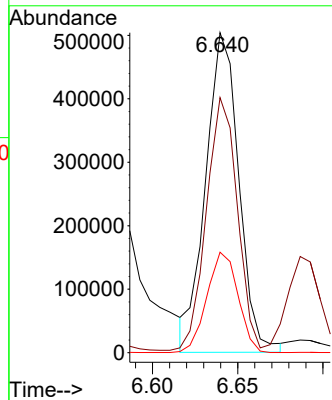
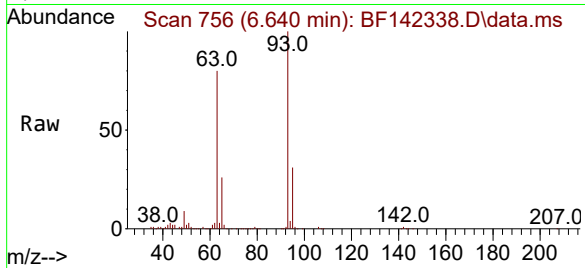
Tgt Ion: 93 Resp: 681136

Ion Ratio Lower Upper

93 100

63 79.7 58.4 98.4

95 31.4 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 40.738 ng

RT: 6.845 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

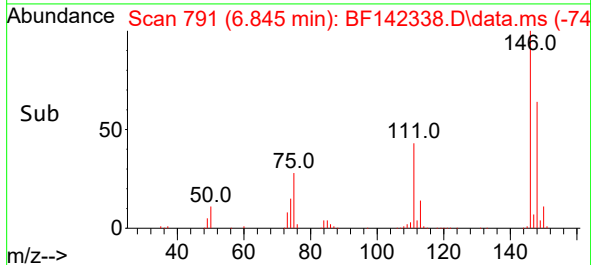
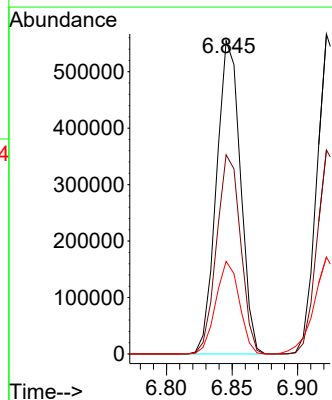
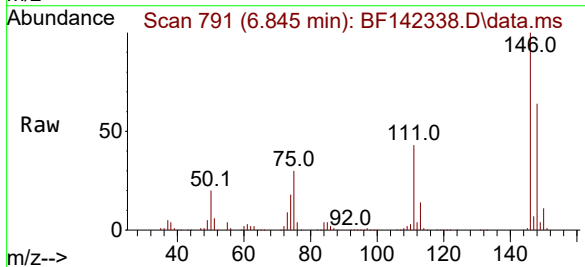
Tgt Ion: 146 Resp: 704235

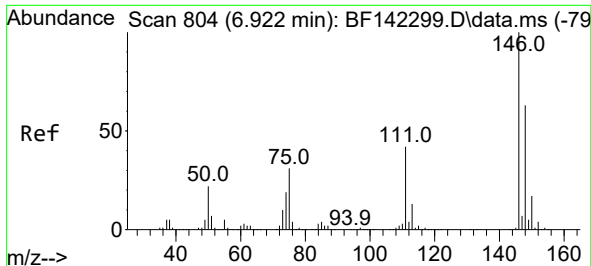
Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

75 29.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.944 ng

RT: 6.922 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

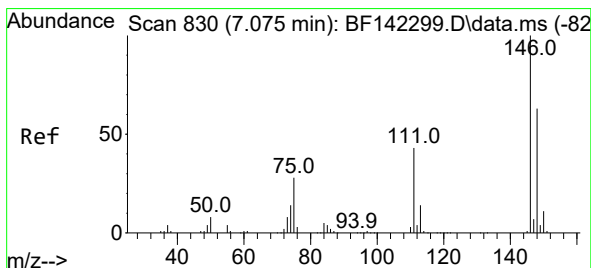
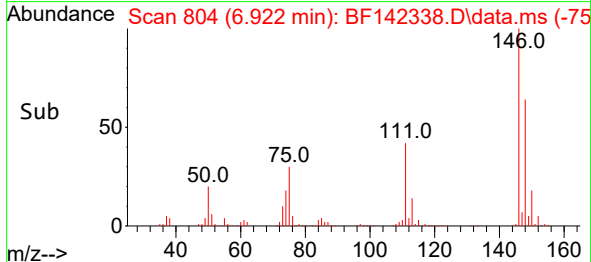
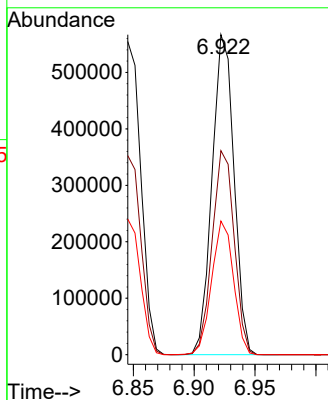
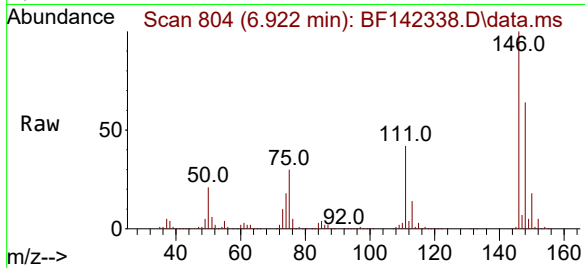
Tgt Ion:146 Resp: 710663

Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

111 41.8 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 41.418 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

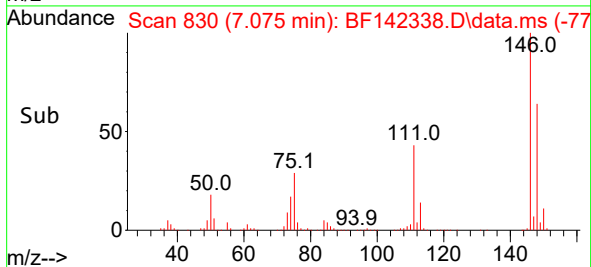
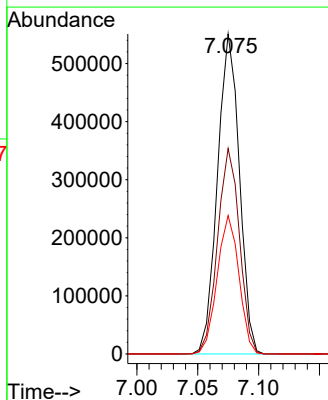
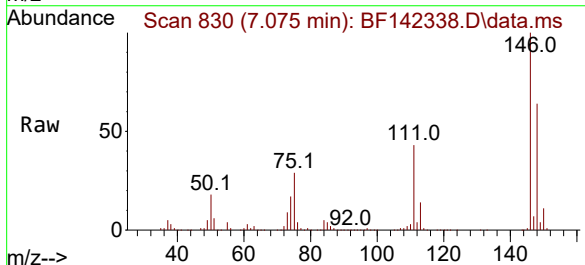
Tgt Ion:146 Resp: 690036

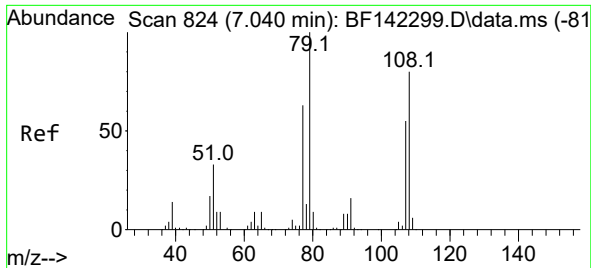
Ion Ratio Lower Upper

146 100

148 64.2 50.3 75.5

111 43.3 34.5 51.7

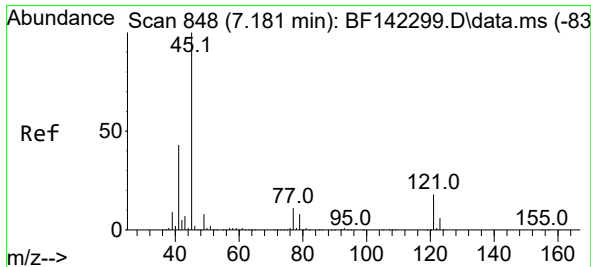
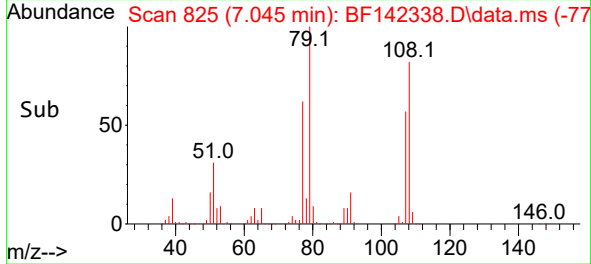
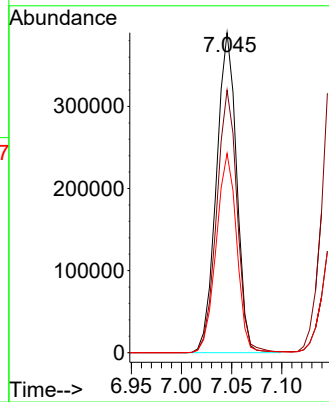
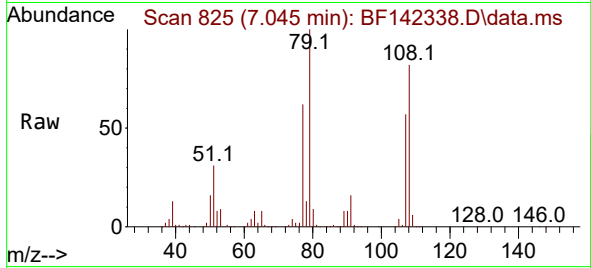




#15
Benzyl Alcohol
Concen: 48.579 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

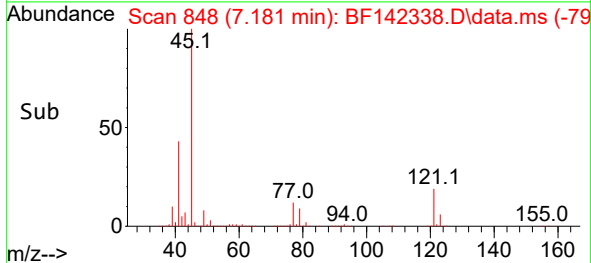
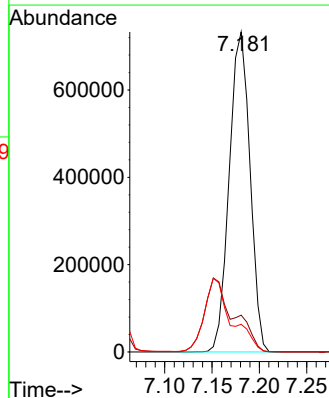
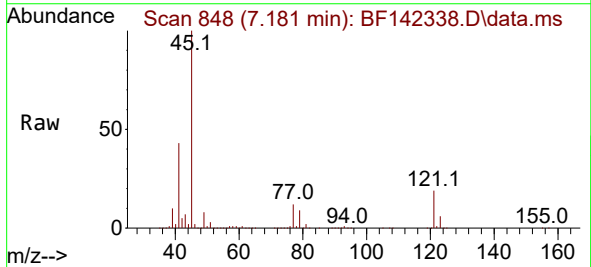
Instrument :
BNA_F
ClientSampleId :
PB167951BS

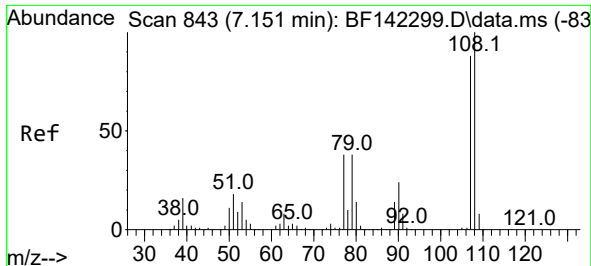
Tgt Ion: 79 Resp: 547065
Ion Ratio Lower Upper
79 100
108 82.1 63.9 95.9
77 62.2 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.115 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion: 45 Resp: 1116178
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.2
79 8.6 0.0 28.5

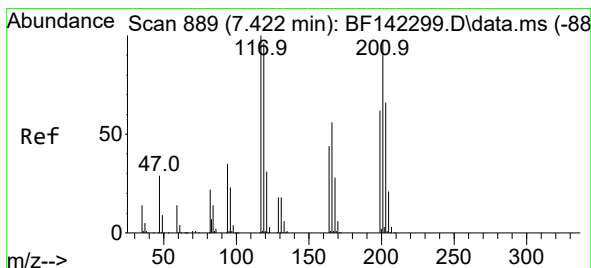
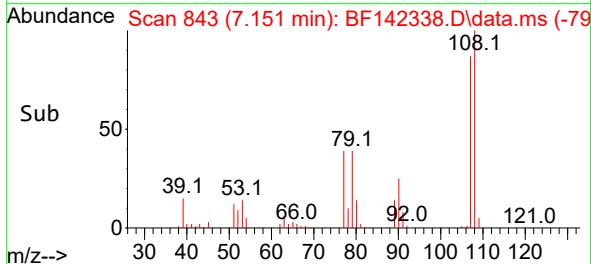
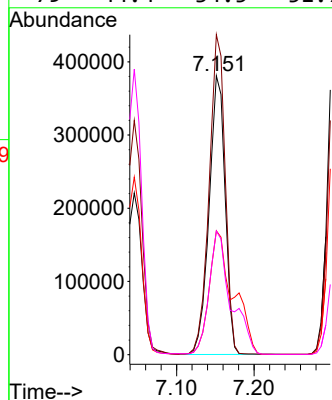
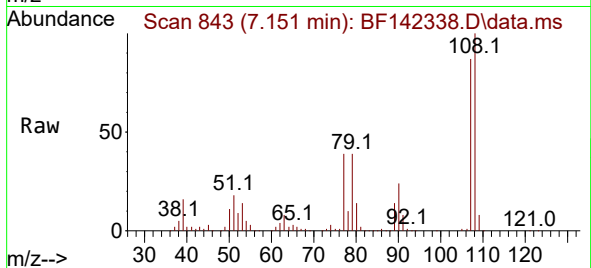




#17
2-Methylphenol
Concen: 44.651 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

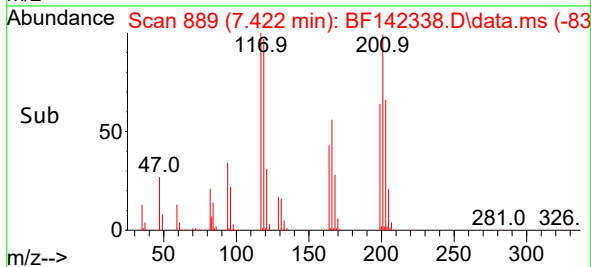
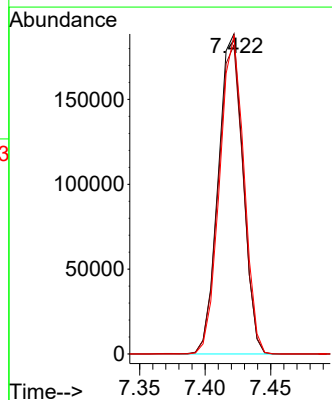
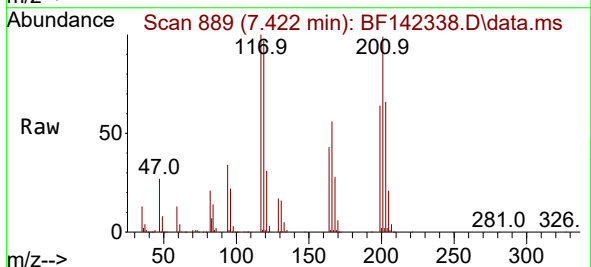
Instrument :
BNA_F
ClientSampleId :
PB167951BS

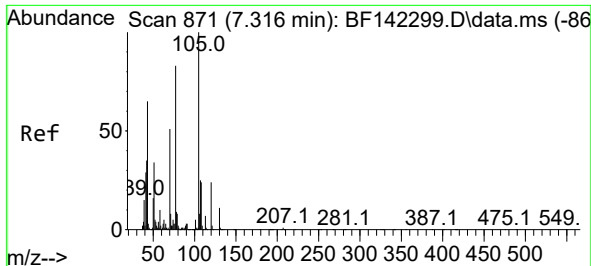
Tgt Ion:107 Resp: 546222
Ion Ratio Lower Upper
107 100
108 114.8 91.1 136.7
77 44.4 34.7 52.1
79 44.4 34.5 51.7



#18
Hexachloroethane
Concen: 42.812 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:117 Resp: 247237
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3
201 99.5 78.0 117.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.195 ng

RT: 7.322 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

Tgt Ion: 70 Resp: 453917

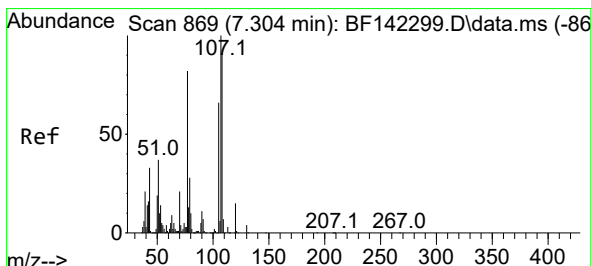
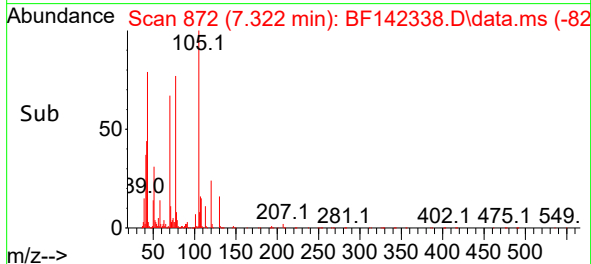
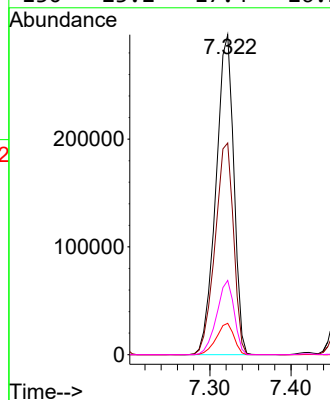
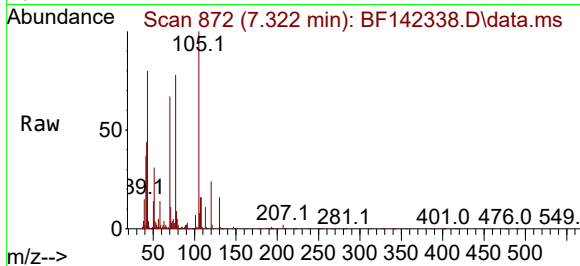
Ion Ratio Lower Upper

70 100

42 66.1 54.8 82.2

101 9.8 7.7 11.5

130 23.2 17.4 26.2



#20

3+4-Methylphenols

Concen: 43.533 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Tgt Ion: 107 Resp: 664649

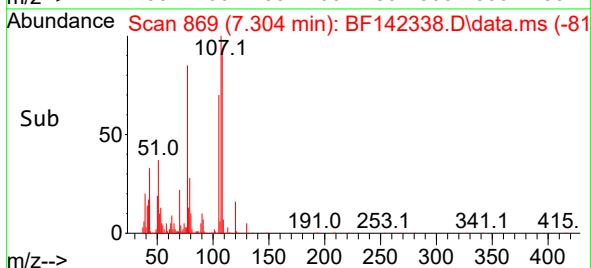
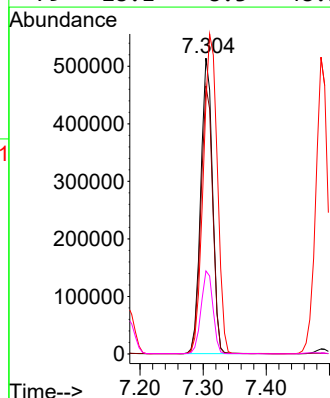
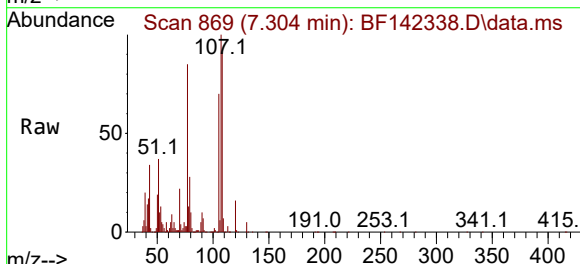
Ion Ratio Lower Upper

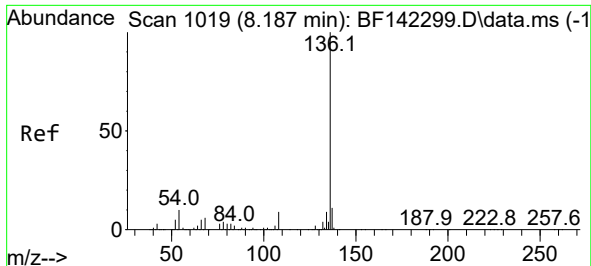
107 100

108 90.6 71.5 111.5

77 85.3 61.6 101.6

79 28.1 8.3 48.3



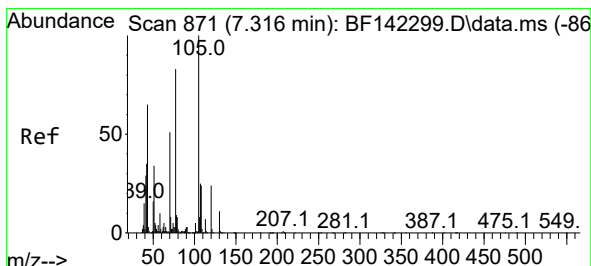
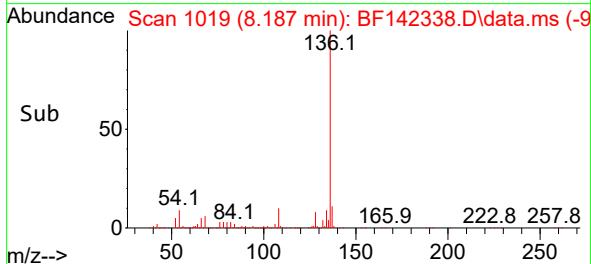
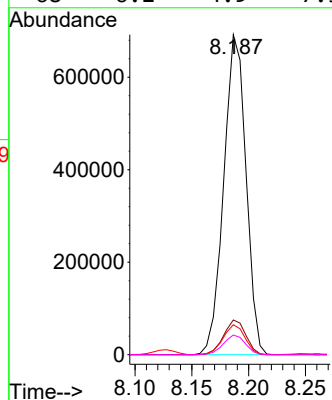
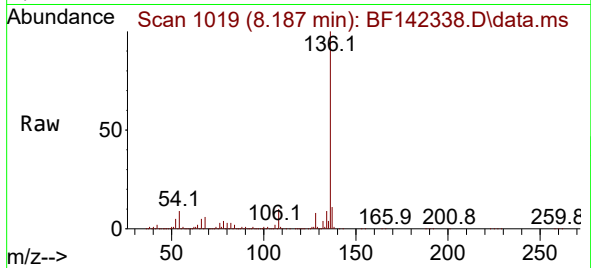


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:136 Resp: 943250

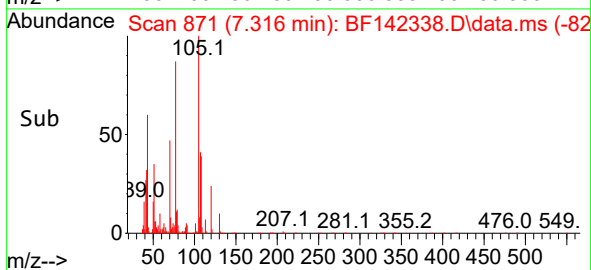
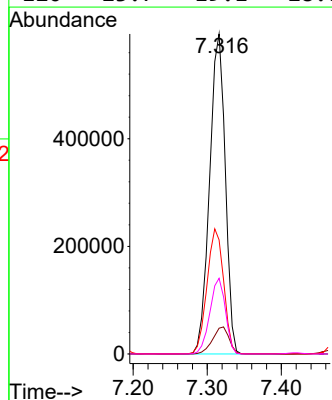
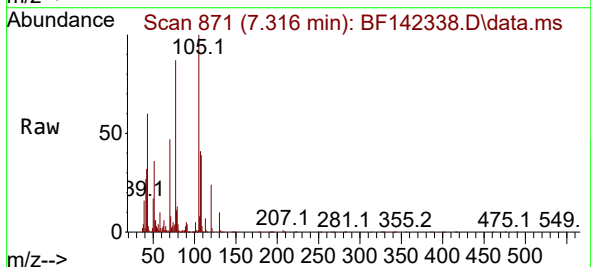
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	7.7	11.5
68	6.2	4.9	7.3

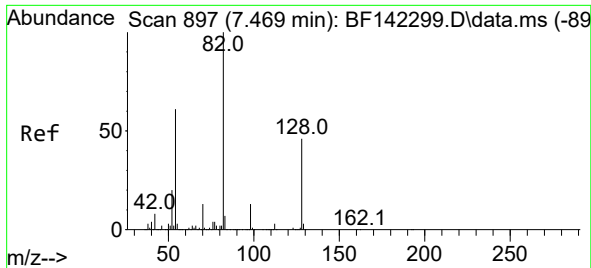


#22
Acetophenone
Concen: 41.565 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:105 Resp: 871738

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.7	10.1
51	35.7	27.6	41.4
120	23.7	19.1	28.7

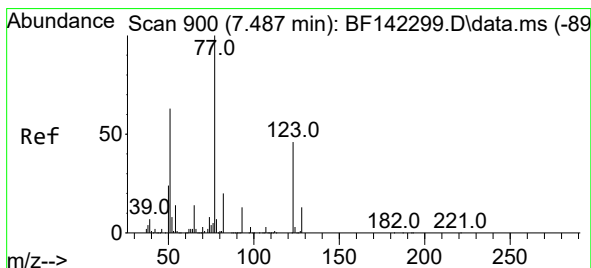
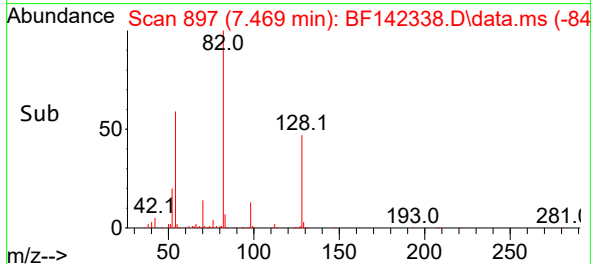
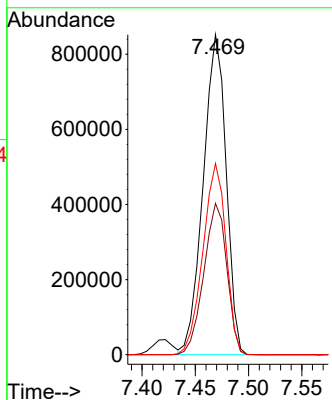
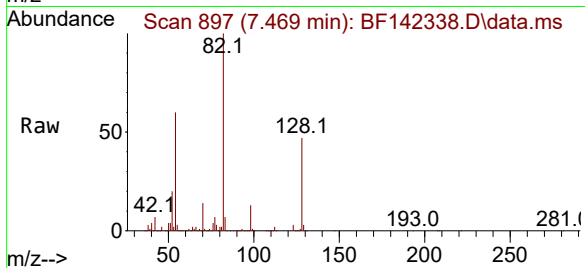




#23
Nitrobenzene-d5
Concen: 82.690 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

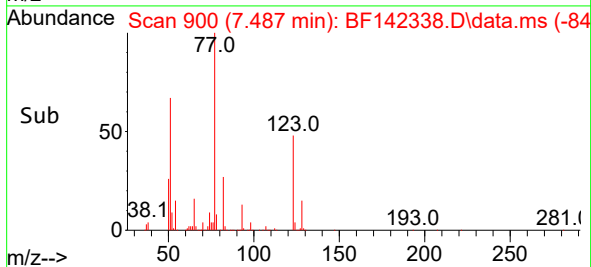
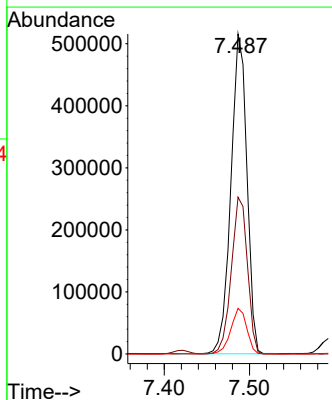
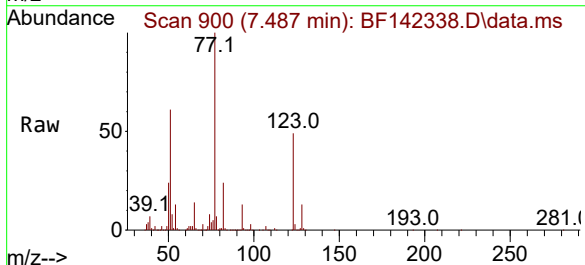
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BNA_F
ClientSampleId :
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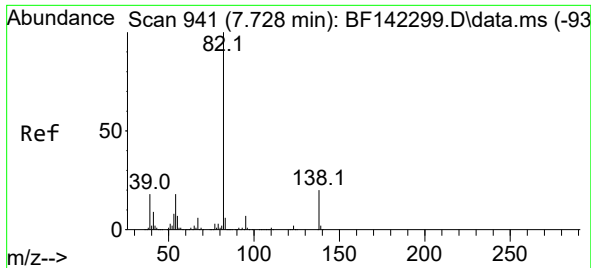
Tgt Ion: 82 Resp: 1278916
Ion Ratio Lower Upper
82 100
128 47.3 37.0 55.6
54 59.7 48.6 73.0



#24
Nitrobenzene
Concen: 46.124 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion: 77 Resp: 672452
Ion Ratio Lower Upper
77 100
123 49.0 37.8 56.8
65 14.2 11.4 17.0

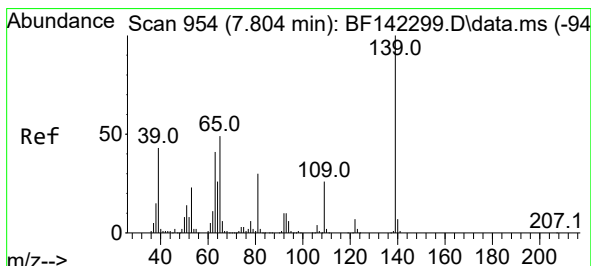
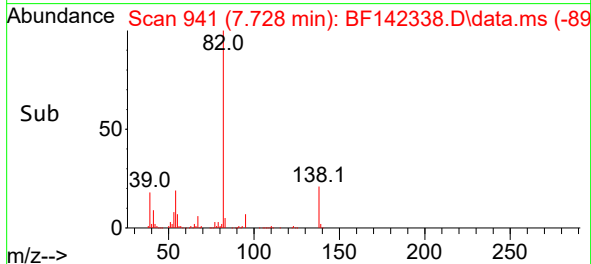
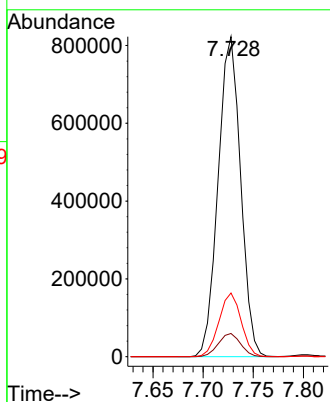
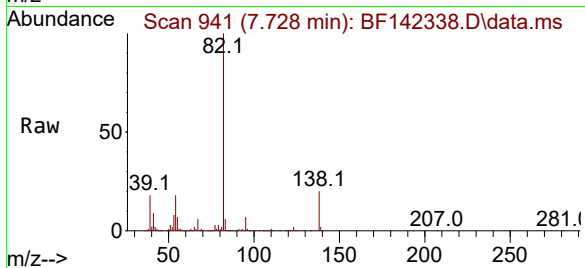




#25
Isophorone
Concen: 43.784 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

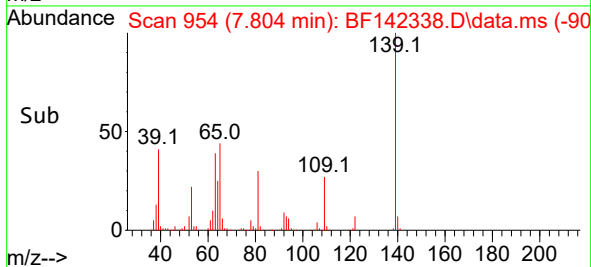
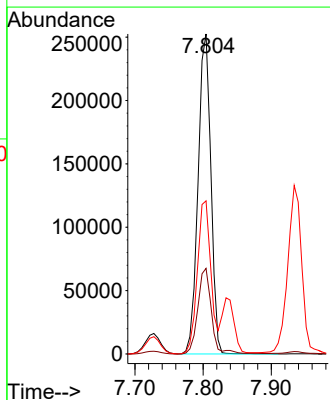
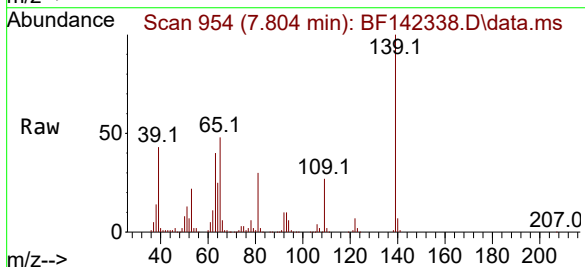
Instrument :
BNA_F
ClientSampleId :
PB167951BS

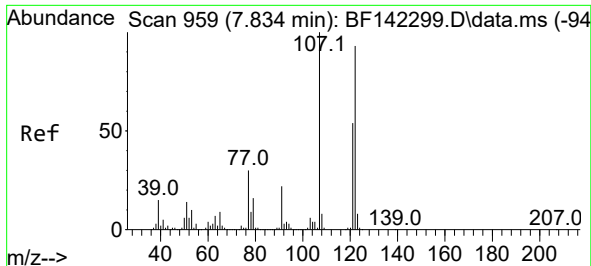
Tgt Ion: 82 Resp: 1282336
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 19.9 16.1 24.1



#26
2-Nitrophenol
Concen: 47.001 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:139 Resp: 329627
Ion Ratio Lower Upper
139 100
109 26.7 20.8 31.2
65 47.8 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 45.201 ng

RT: 7.840 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

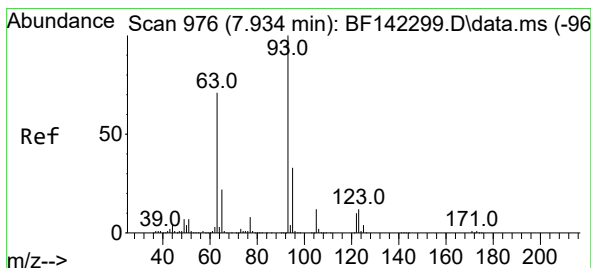
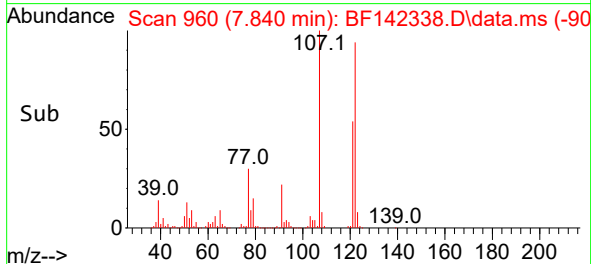
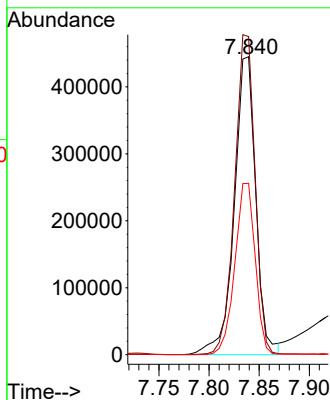
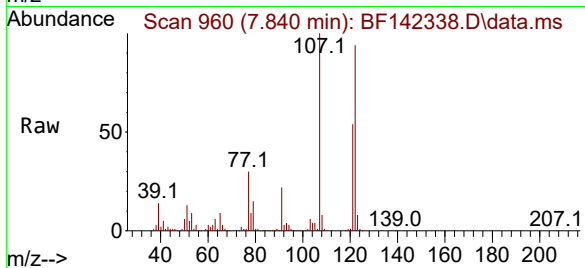
Tgt Ion:122 Resp: 665591

Ion Ratio Lower Upper

122 100

107 106.7 86.0 129.0

121 57.5 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.818 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

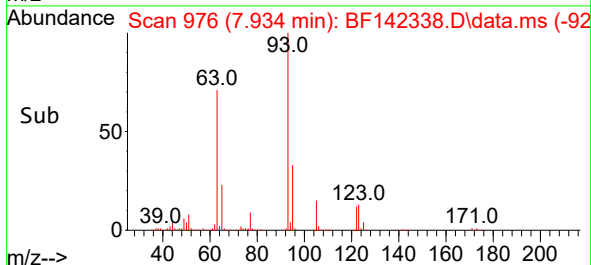
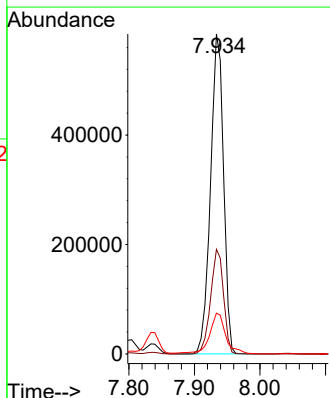
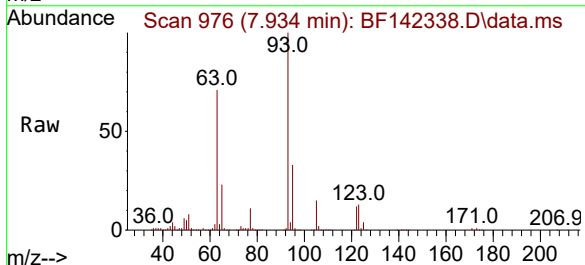
Tgt Ion: 93 Resp: 806367

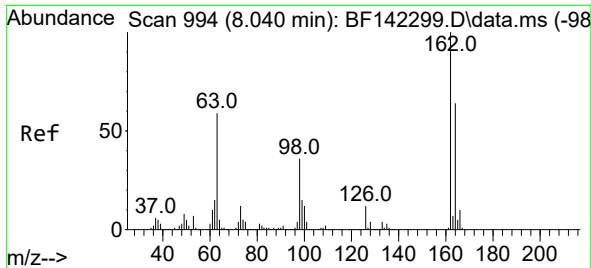
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 12.7 10.2 15.4

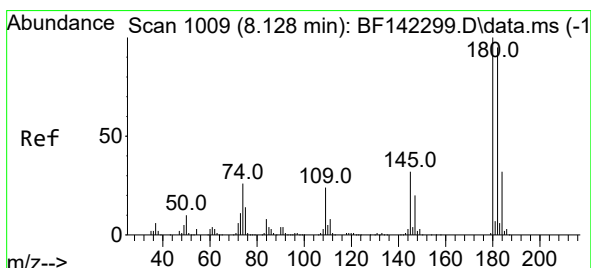
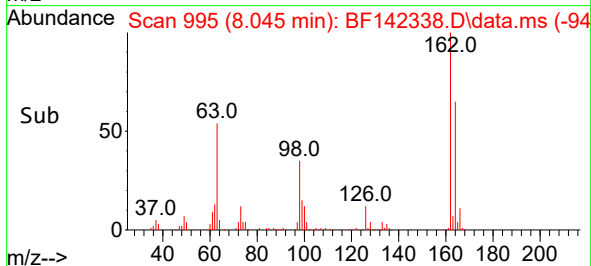
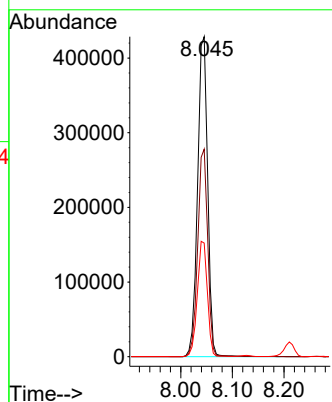
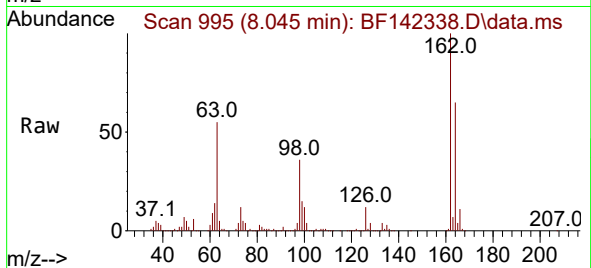




#29
2,4-Dichlorophenol
Concen: 46.367 ng
RT: 8.045 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

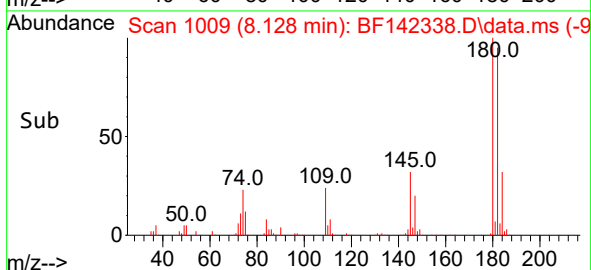
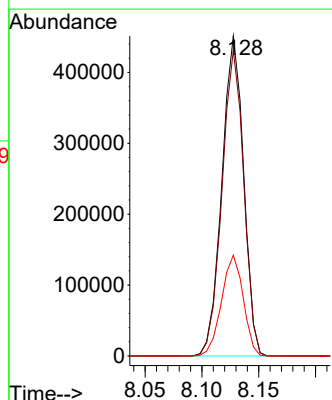
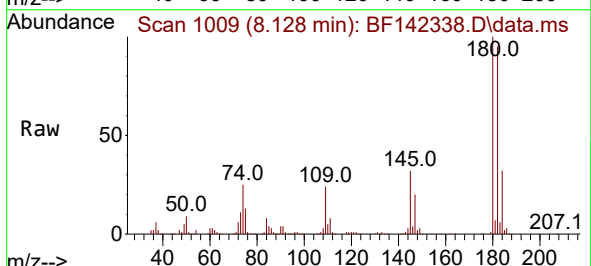
Instrument :
BNA_F
ClientSampleId :
PB167951BS

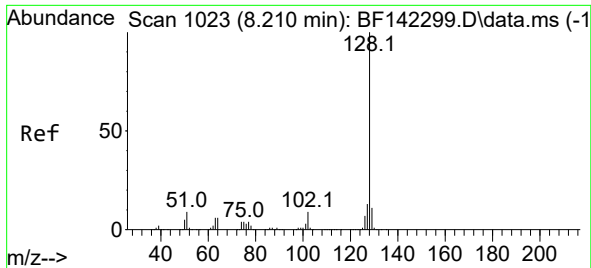
Tgt Ion:162 Resp: 580463
Ion Ratio Lower Upper
162 100
164 64.9 43.6 83.6
98 35.5 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 42.613 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:180 Resp: 600381
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.4
145 31.5 25.8 38.6

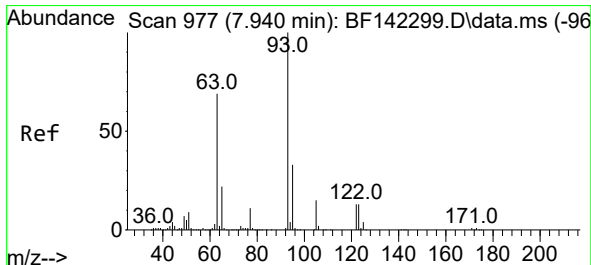
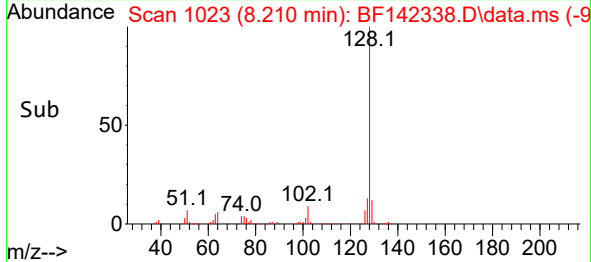
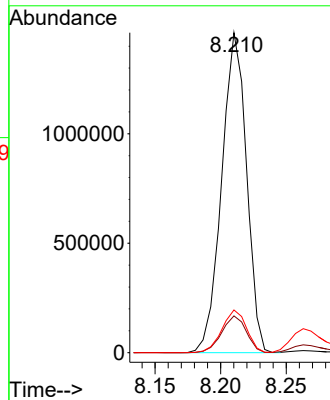
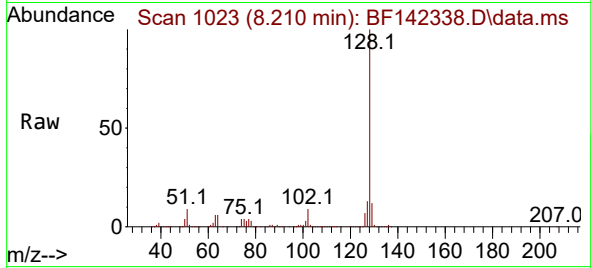




#31
Naphthalene
Concen: 42.145 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

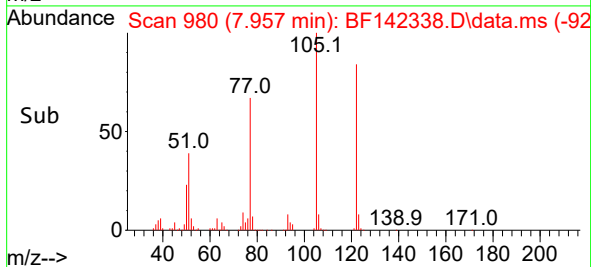
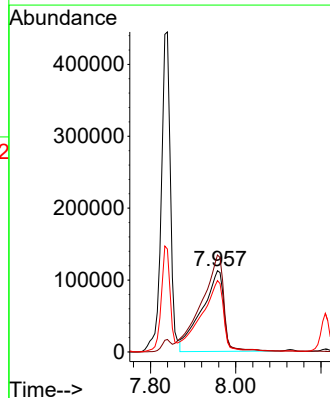
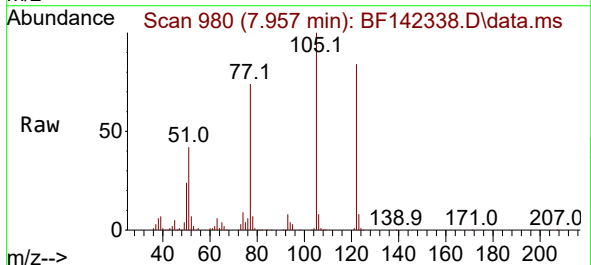
Instrument :
BNA_F
ClientSampleId :
PB167951BS

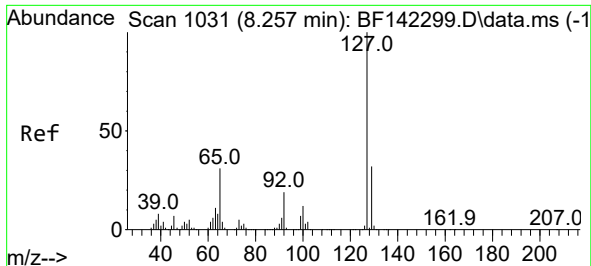
Tgt Ion:128 Resp: 1926661
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 51.001 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.017 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:122 Resp: 410434
Ion Ratio Lower Upper
122 100
105 119.1 97.9 137.9
77 87.7 67.7 107.7



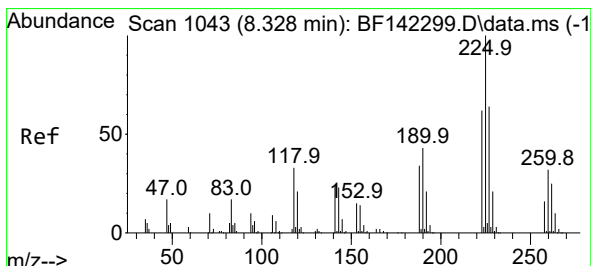
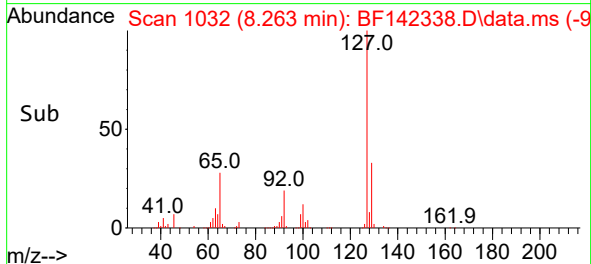
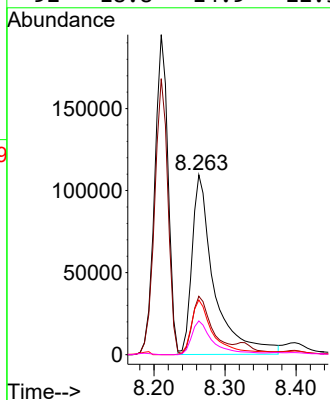
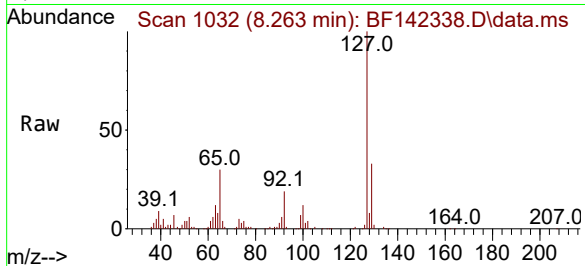


#33
4-Chloroaniline
Concen: 12.739 ng
RT: 8.263 min Scan# 1031
Delta R.T. -0.004 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:127 Resp: 237628

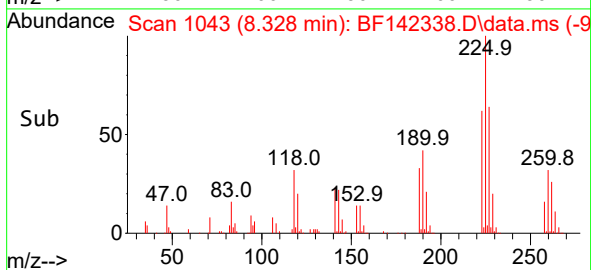
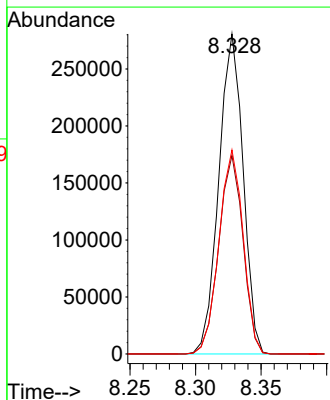
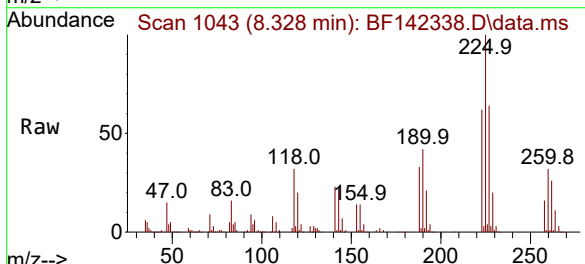
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	30.4	24.9	37.3
92	18.8	14.9	22.3

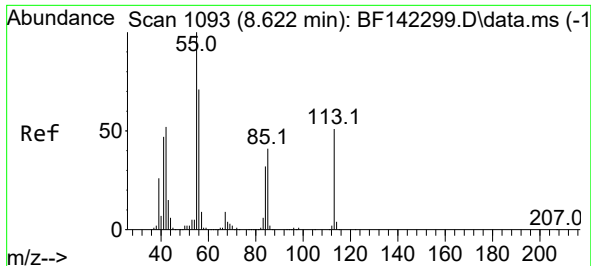


#34
Hexachlorobutadiene
Concen: 43.312 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:225 Resp: 361338

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.8	74.6
227	63.8	50.9	76.3

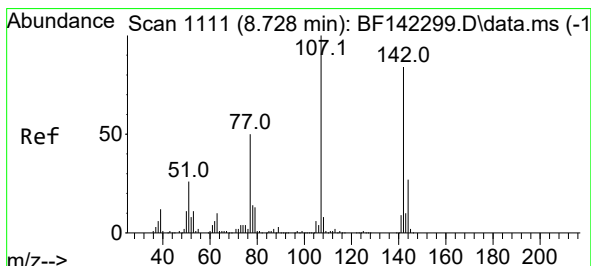
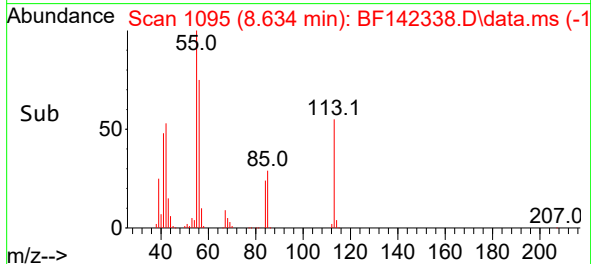
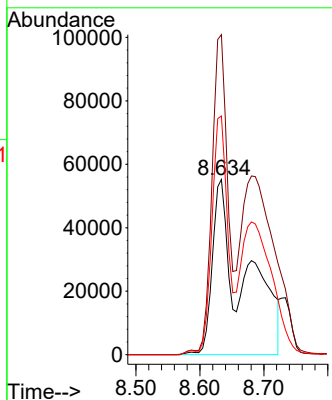
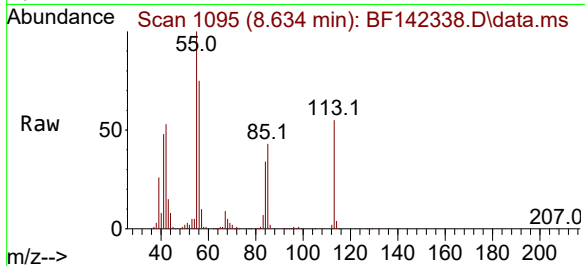




#35
 Caprolactam
 Concen: 51.364 ng m
 RT: 8.634 min Scan# 1095
 Delta R.T. 0.012 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

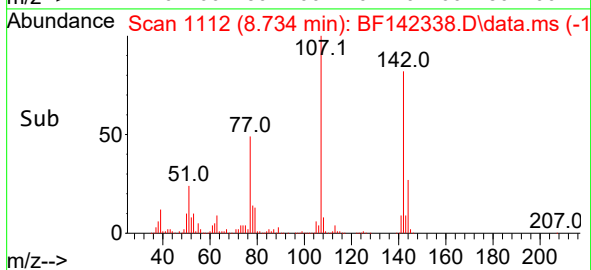
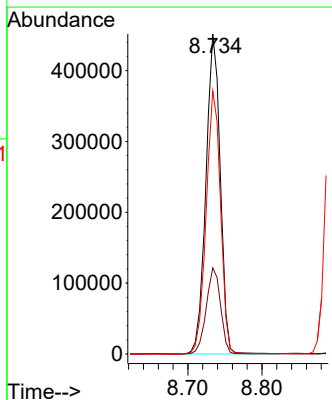
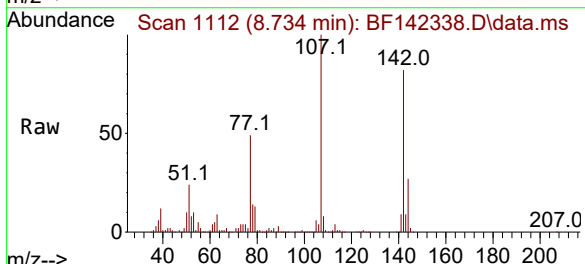
Instrument :
 BNA_F
 ClientSampleId :
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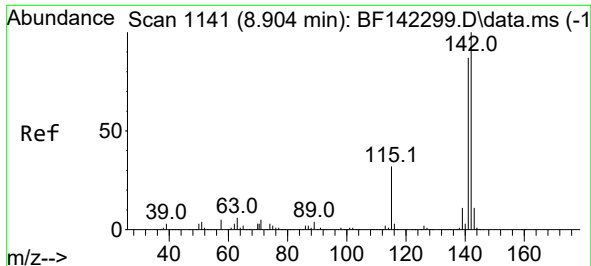
Tgt Ion:113 Resp: 187405
 Ion Ratio Lower Upper
 113 100
 55 182.6 176.4 216.4
 56 136.3 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.604 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

Tgt Ion:107 Resp: 606490
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.3 31.9
 142 82.2 66.9 100.3

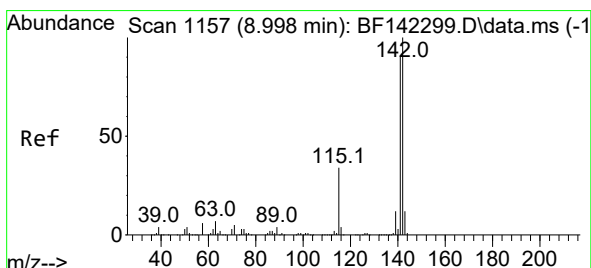
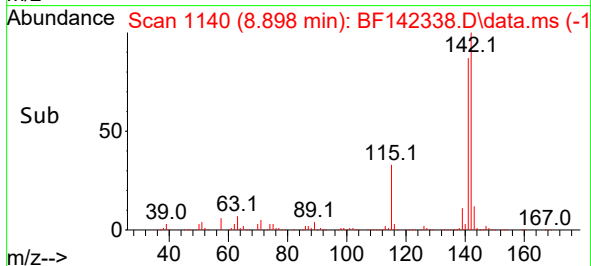
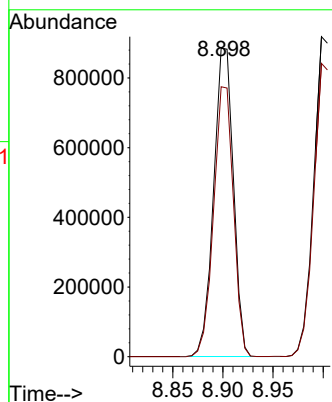
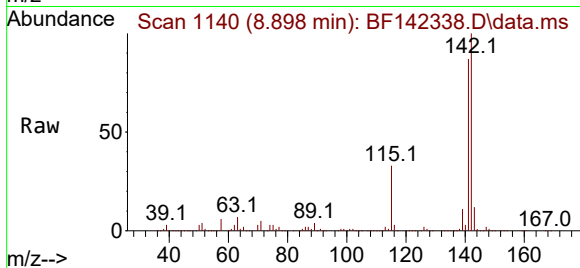




#37
2-Methylnaphthalene
Concen: 42.787 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

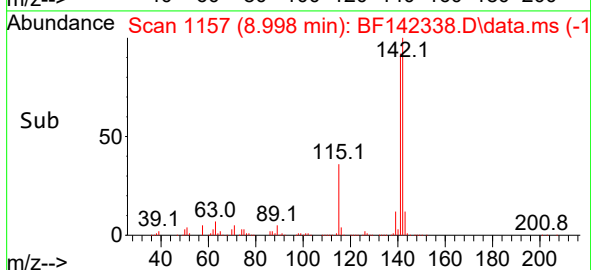
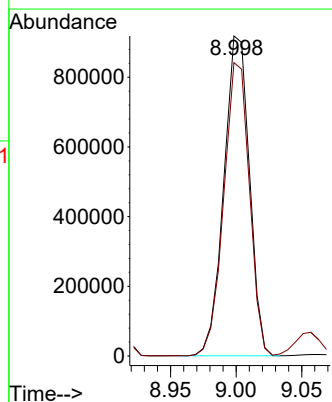
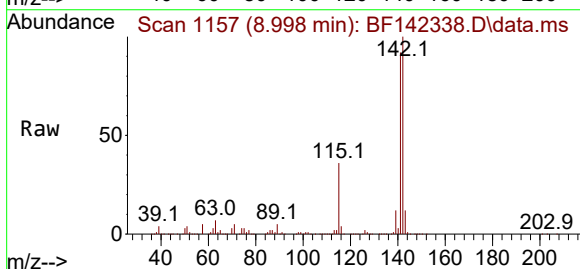
Instrument :
BNA_F
ClientSampleId :
PB167951BS

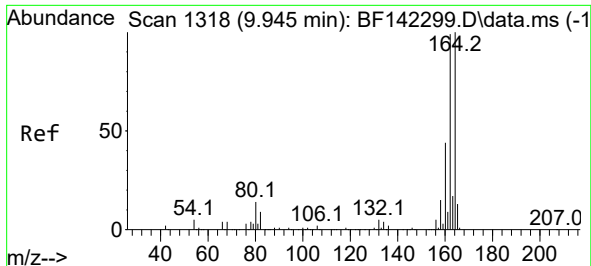
Tgt Ion:142 Resp: 1215435
Ion Ratio Lower Upper
142 100
141 87.5 69.4 104.2



#38
1-Methylnaphthalene
Concen: 42.141 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:142 Resp: 1247683
Ion Ratio Lower Upper
142 100
141 91.7 72.5 108.7

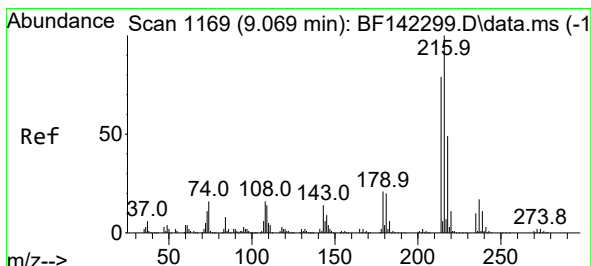
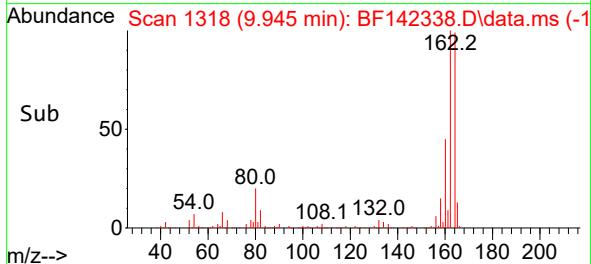
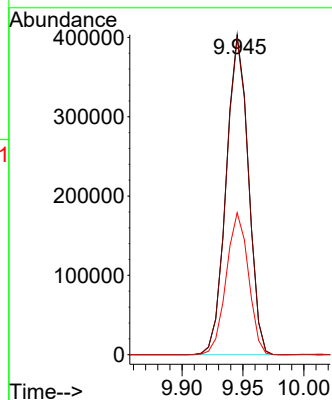
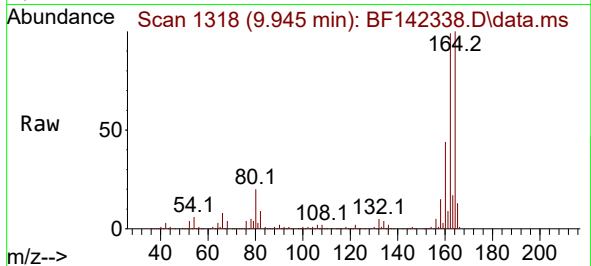




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 11130
Delta R.T. 0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

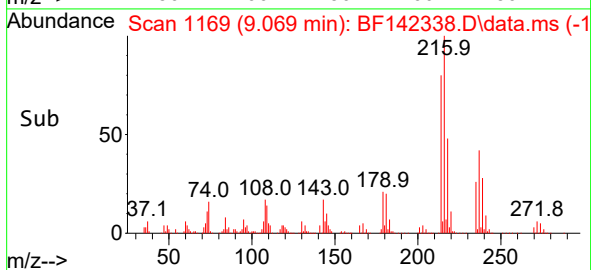
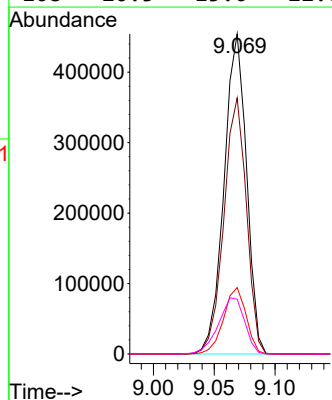
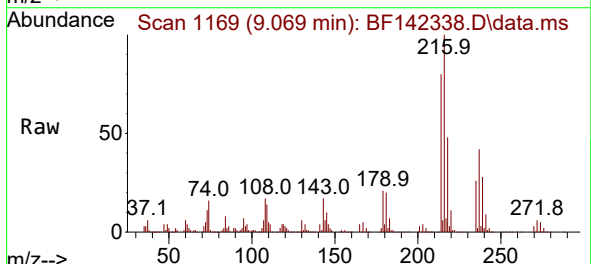
Instrument :
BNA_F
ClientSampleId :
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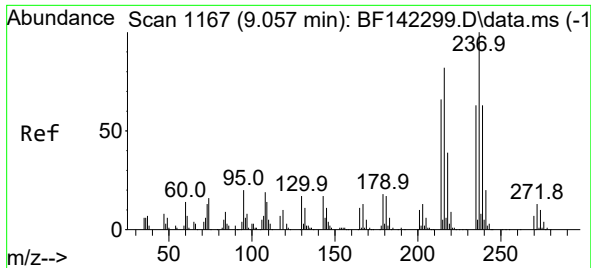
Tgt Ion:164 Resp: 511130
Ion Ratio Lower Upper
164 100
162 98.9 79.2 118.8
160 44.3 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.906 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:216 Resp: 583955
Ion Ratio Lower Upper
216 100
214 80.0 63.8 95.6
179 20.8 17.0 25.6
108 20.5 15.0 22.6

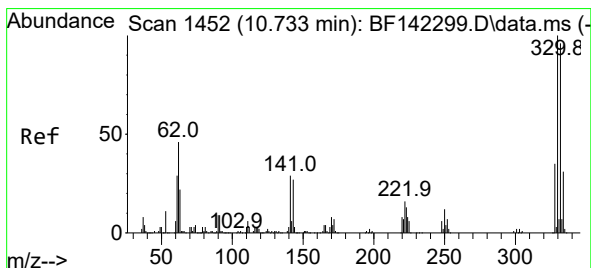
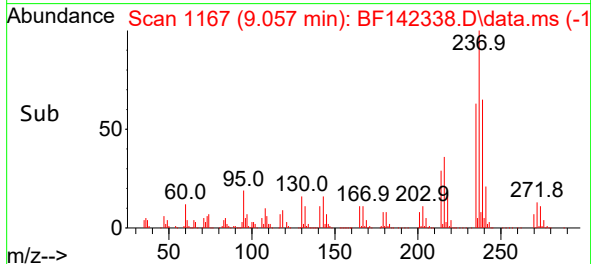
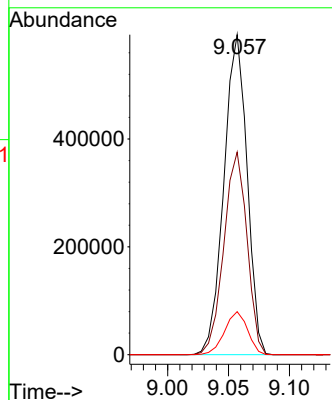
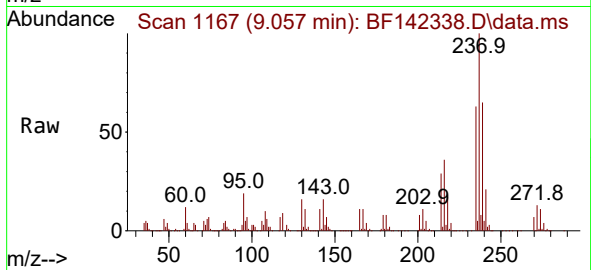




#41
Hexachlorocyclopentadiene
Concen: 89.036 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

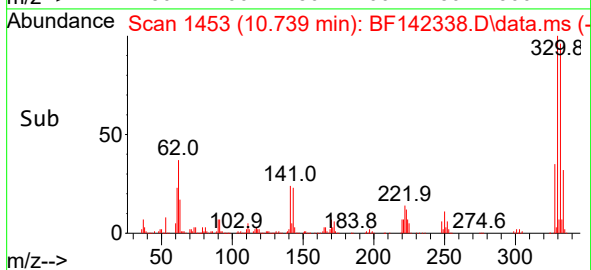
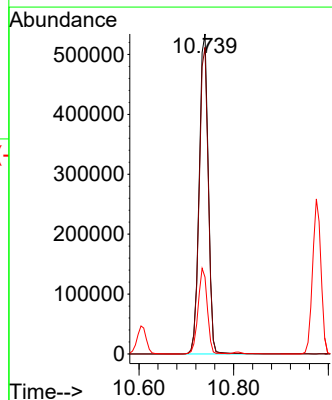
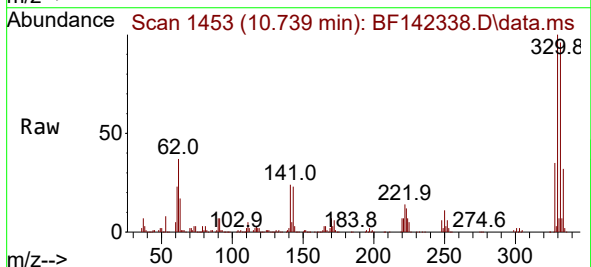
Instrument :
BNA_F
ClientSampleId :
PB167951BS

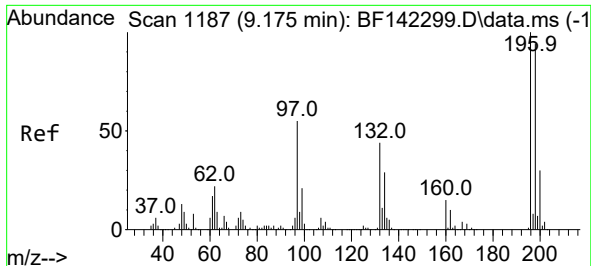
Tgt Ion:237 Resp: 785517
Ion Ratio Lower Upper
237 100
235 63.3 42.8 82.8
272 13.4 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 144.216 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:330 Resp: 711687
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 27.0 24.9 37.3

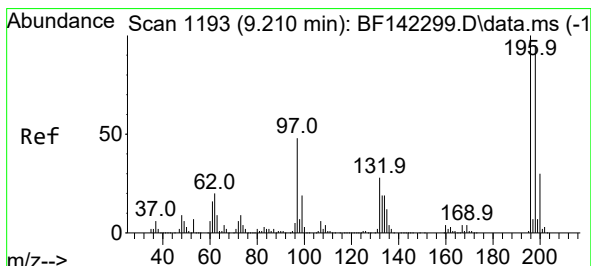
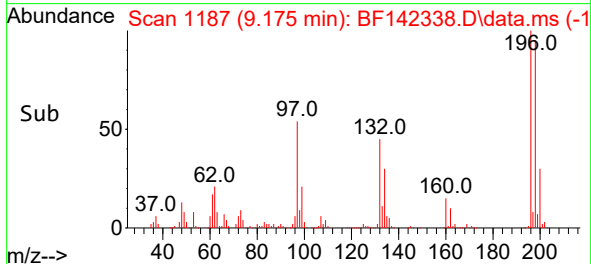
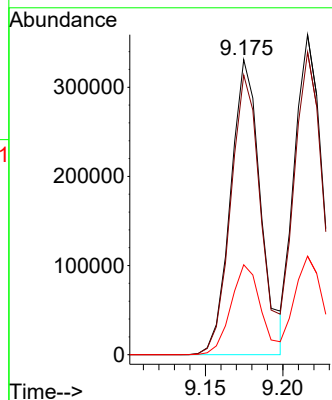
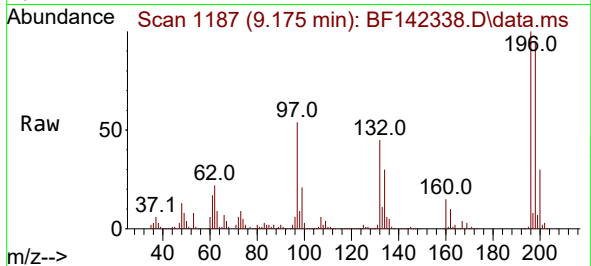




#43
 2,4,6-Trichlorophenol
 Concen: 49.473 ng
 RT: 9.175 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

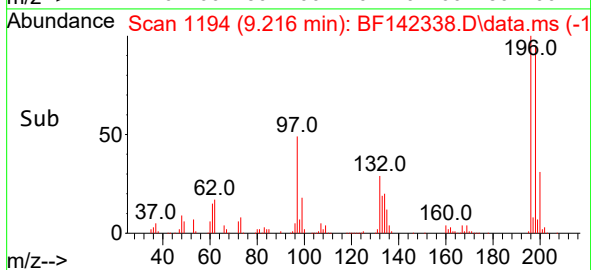
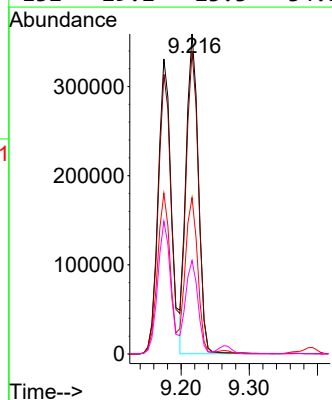
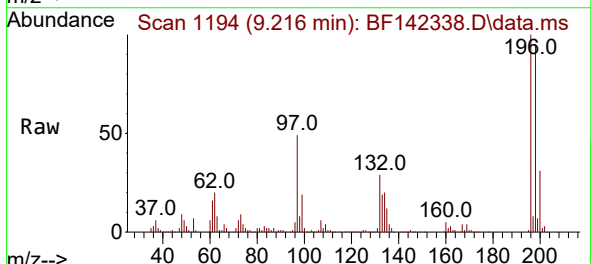
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

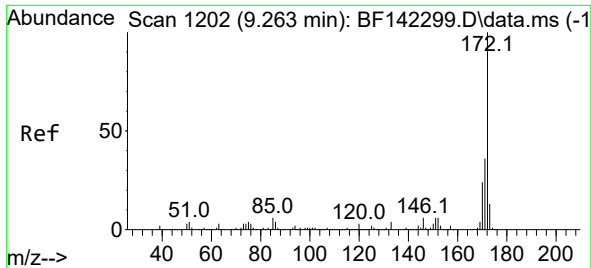
Tgt Ion:196 Resp: 445473
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.4 113.0
 200 30.5 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 46.473 ng
 RT: 9.216 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

Tgt Ion:196 Resp: 445249
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.1 114.1
 97 48.8 39.0 58.4
 132 29.2 23.3 34.9

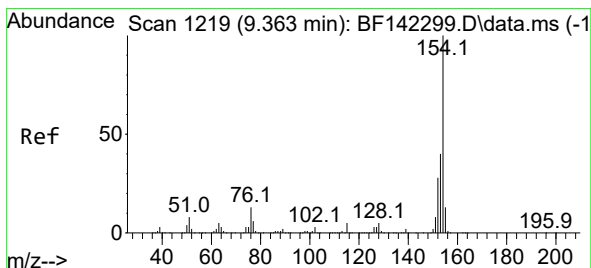
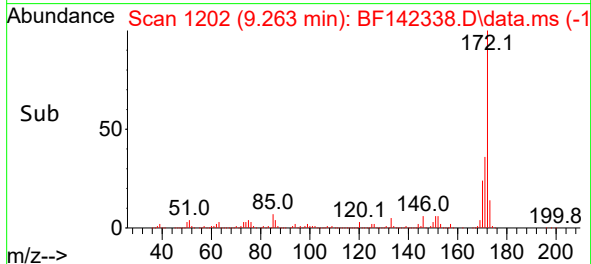
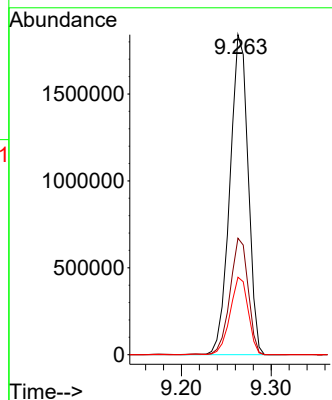
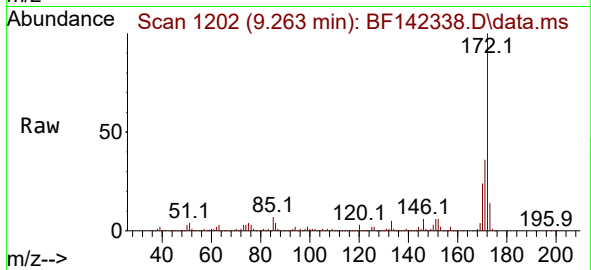




#45
2-Fluorobiphenyl
Concen: 72.339 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

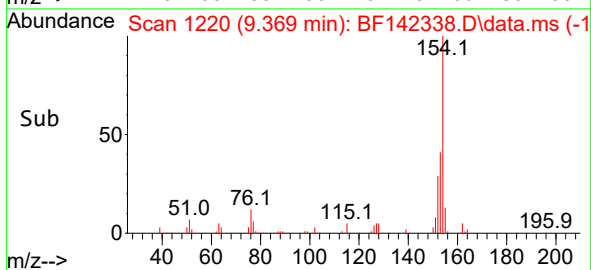
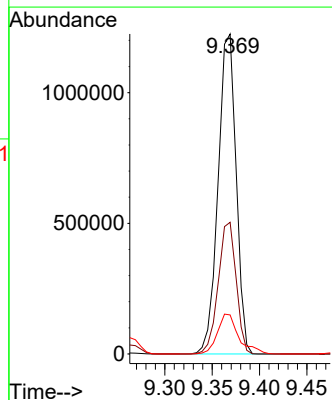
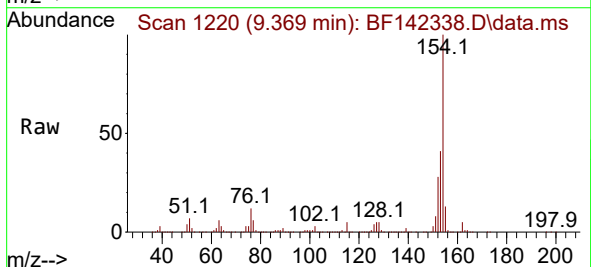
Instrument :
BNA_F
ClientSampleId :
PB167951BS

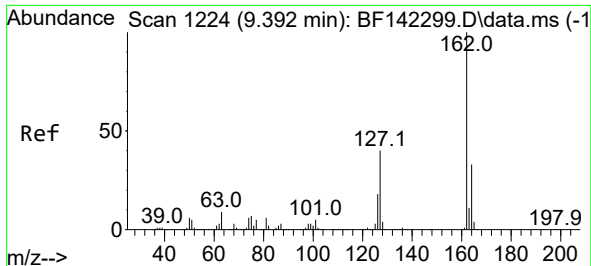
Tgt Ion:172 Resp: 2593122
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 24.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.430 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:154 Resp: 1623648
Ion Ratio Lower Upper
154 100
153 41.2 20.5 60.5
76 12.2 0.0 32.8

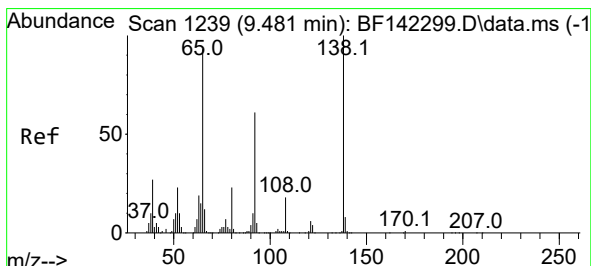
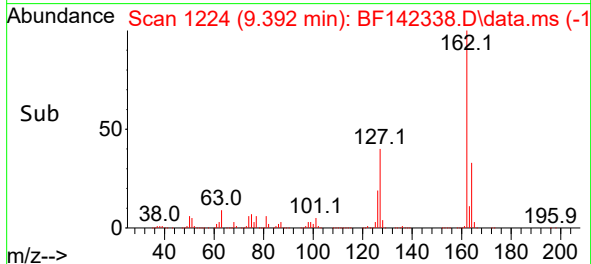
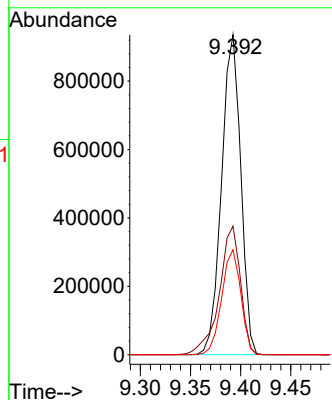
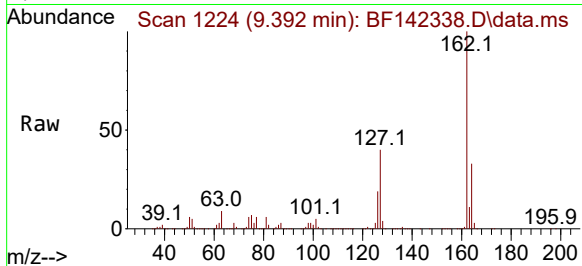




#47
2-Chloronaphthalene
Concen: 42.654 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

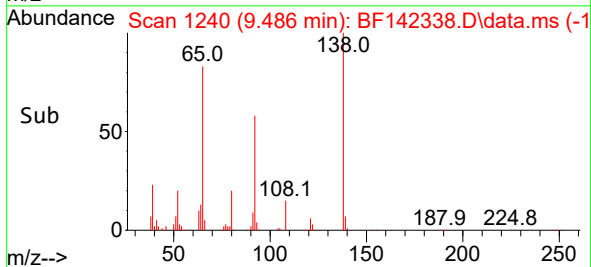
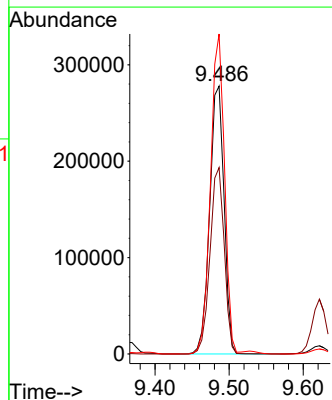
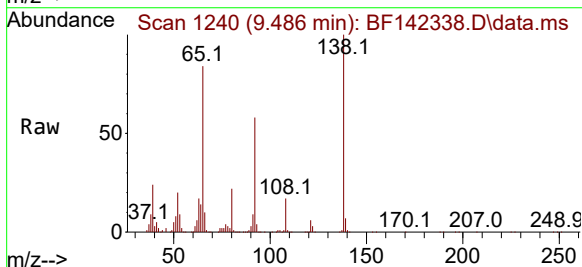
Instrument :
BNA_F
ClientSampleId :
PB167951BS

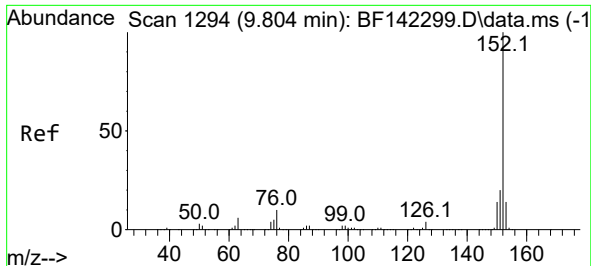
Tgt Ion:162 Resp: 1243156
Ion Ratio Lower Upper
162 100
127 40.1 32.3 48.5
164 32.8 26.6 40.0



#48
2-Nitroaniline
Concen: 50.314 ng
RT: 9.486 min Scan# 1240
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion: 65 Resp: 375868
Ion Ratio Lower Upper
65 100
92 69.6 52.3 78.5
138 119.5 85.6 128.4





#49

Acenaphthylene

Concen: 42.497 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

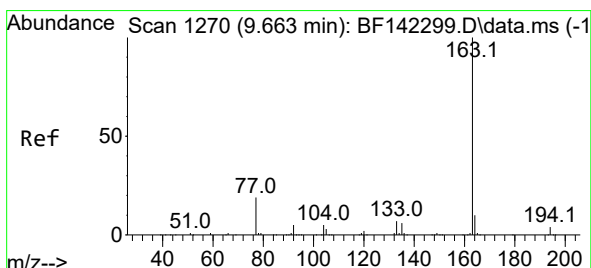
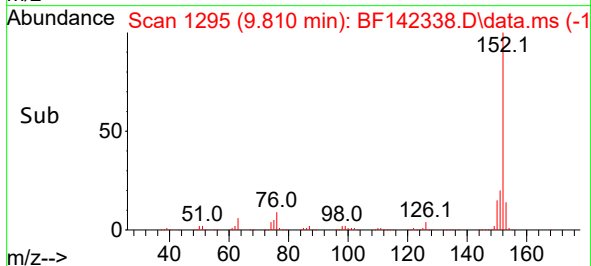
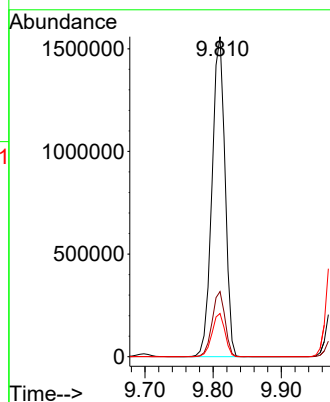
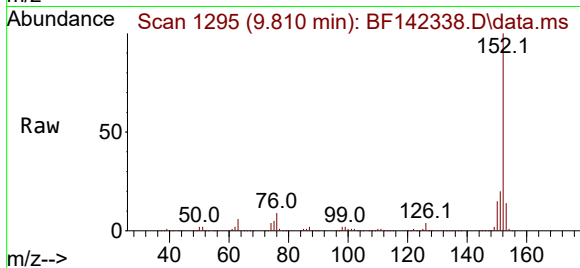
Tgt Ion:152 Resp: 2071966

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 44.691 ng

RT: 9.669 min Scan# 1271

Delta R.T. 0.006 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

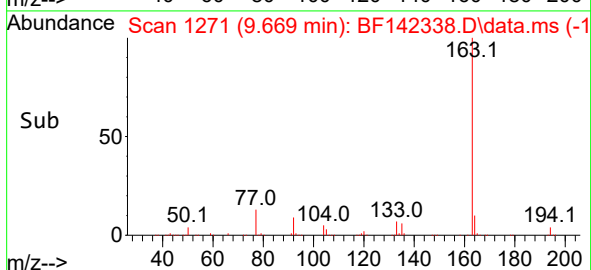
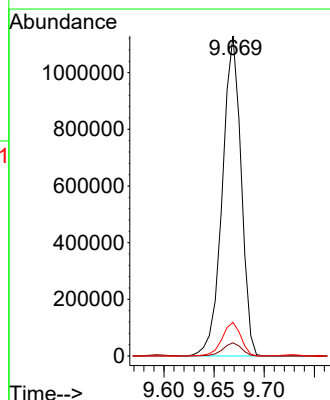
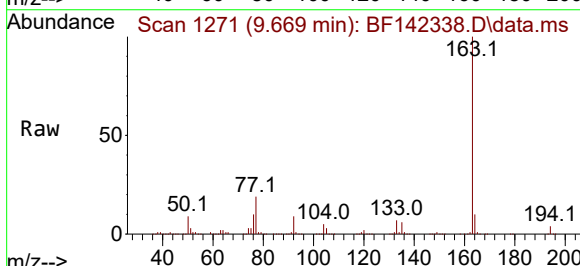
Tgt Ion:163 Resp: 1466822

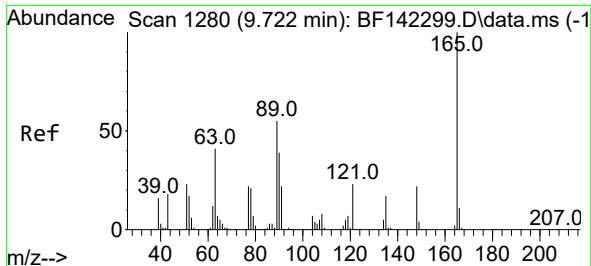
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.5 8.3 12.5

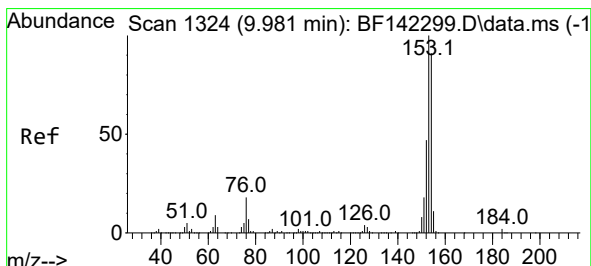
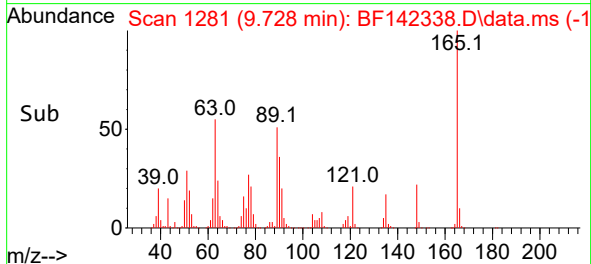
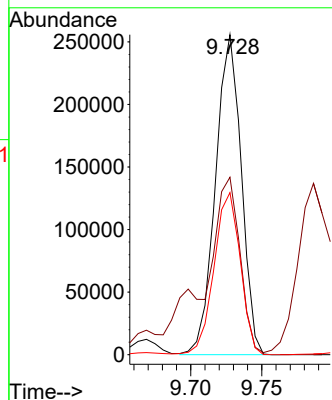
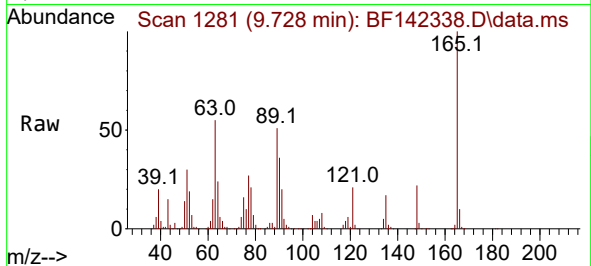




#51
2,6-Dinitrotoluene
Concen: 52.605 ng
RT: 9.728 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

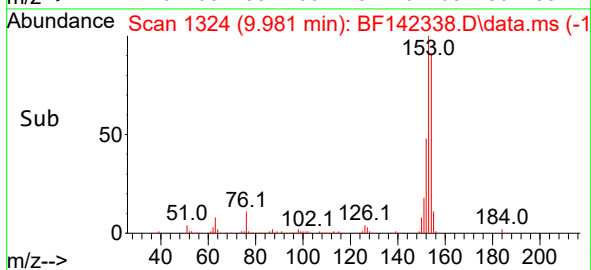
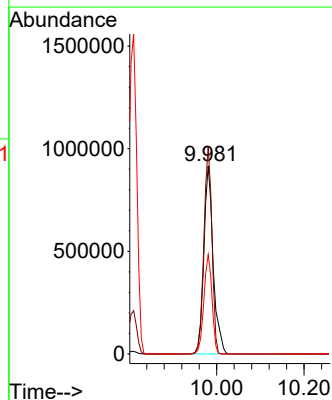
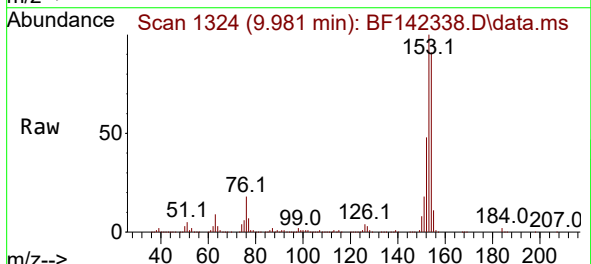
Instrument :
BNA_F
ClientSampleId :
PB167951BS

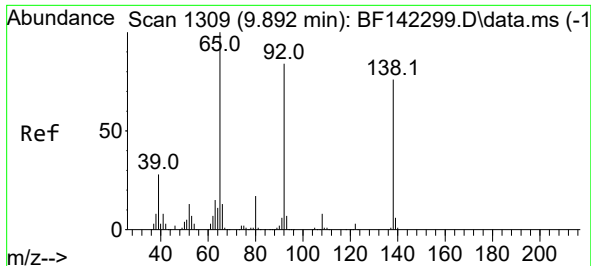
Tgt Ion:165 Resp: 323178
Ion Ratio Lower Upper
165 100
63 55.4 49.5 74.3
89 50.7 44.6 66.8



#52
Acenaphthene
Concen: 46.518 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:154 Resp: 1363722
Ion Ratio Lower Upper
154 100
153 110.2 88.0 132.0
152 52.8 41.6 62.4

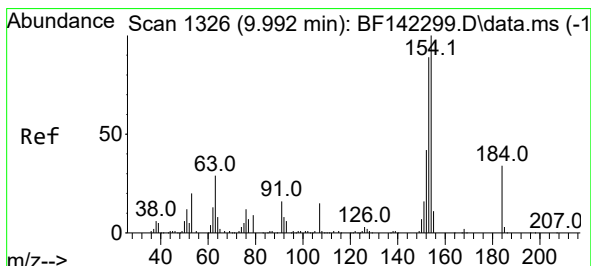
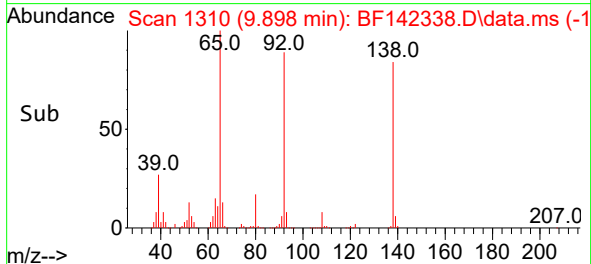
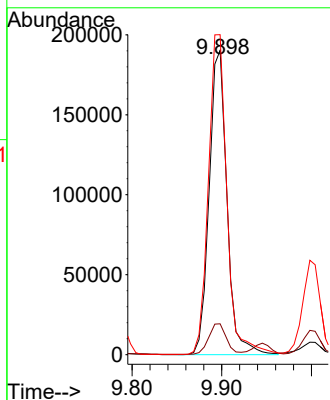
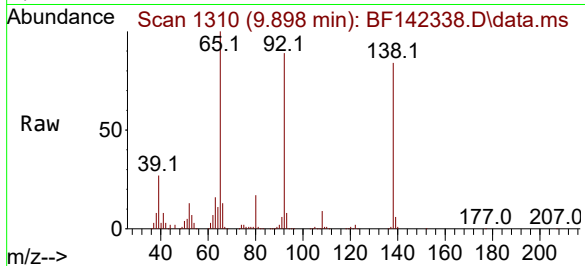




#53
3-Nitroaniline
Concen: 36.415 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

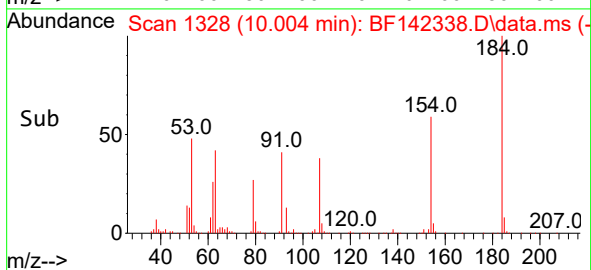
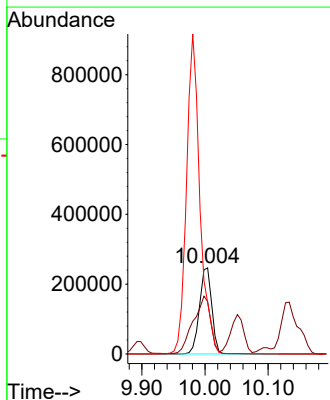
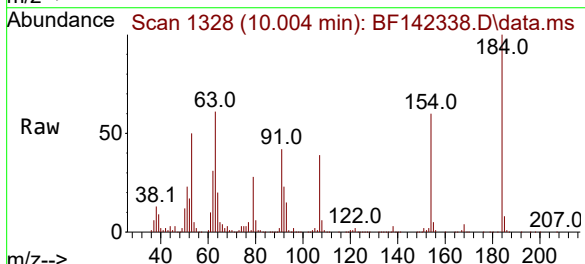
Instrument :
BNA_F
ClientSampleId :
PB167951BS

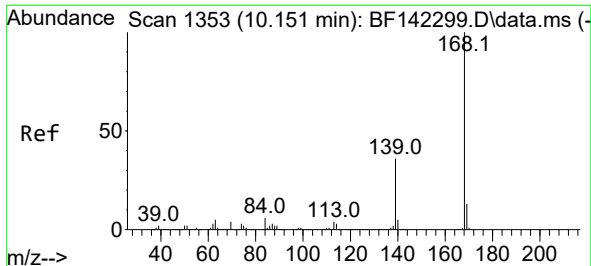
Tgt Ion:138 Resp: 262380
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 105.1 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 101.710 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:184 Resp: 334297
Ion Ratio Lower Upper
184 100
63 60.9 70.6 105.8#
154 59.6 257.2 385.8#

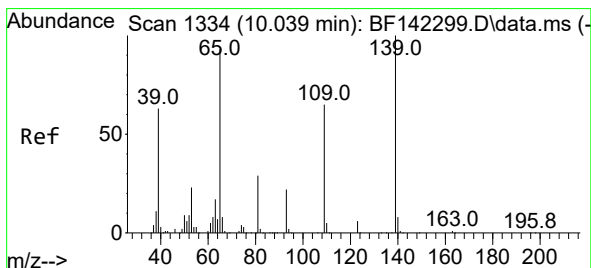
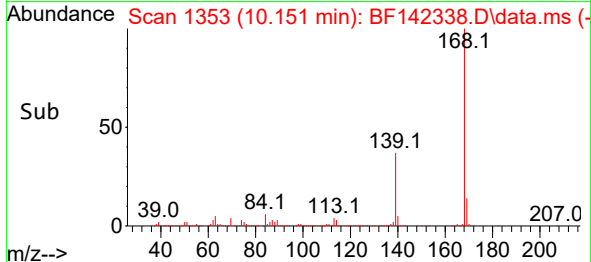
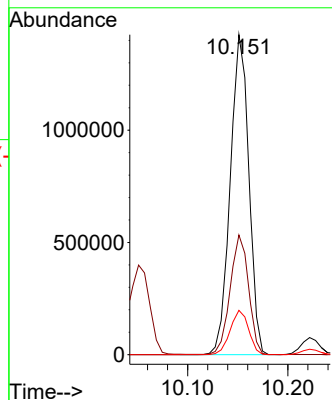
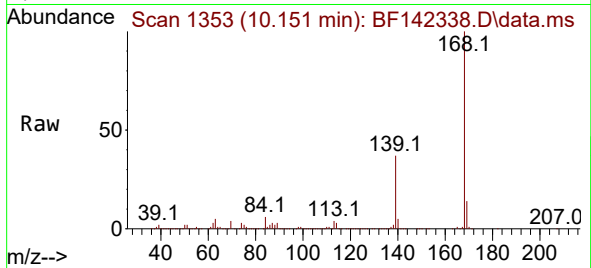




#55
Dibenzenofuran
Concen: 42.449 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

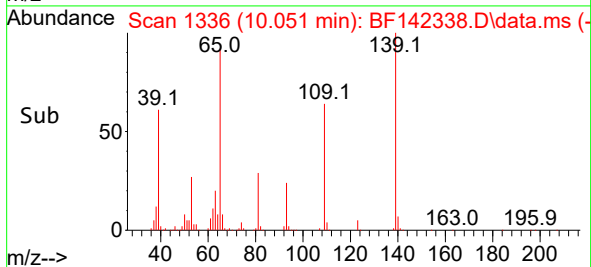
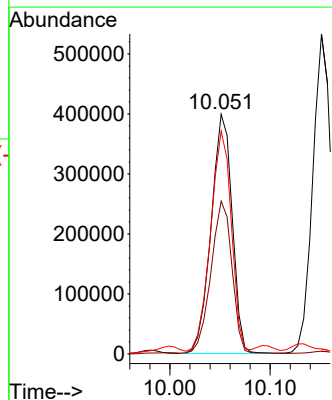
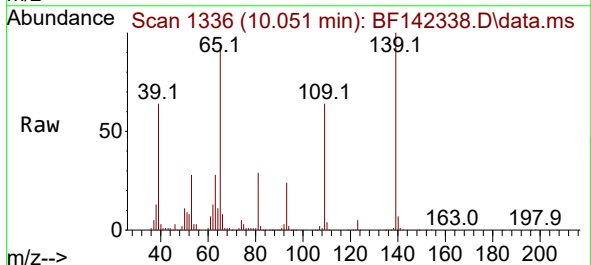
Instrument :
BNA_F
ClientSampleId :
PB167951BS

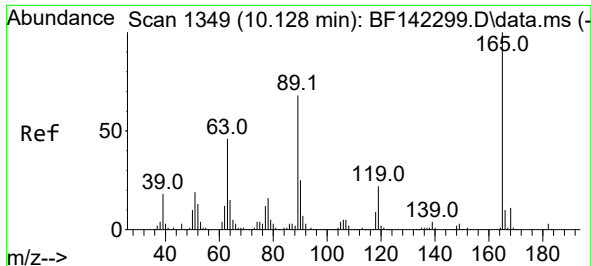
Tgt Ion:168 Resp: 1836587
Ion Ratio Lower Upper
168 100
139 37.4 29.0 43.4
169 13.9 10.7 16.1



#56
4-Nitrophenol
Concen: 107.384 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:139 Resp: 582316
Ion Ratio Lower Upper
139 100
109 63.8 45.3 85.3
65 92.9 73.9 113.9

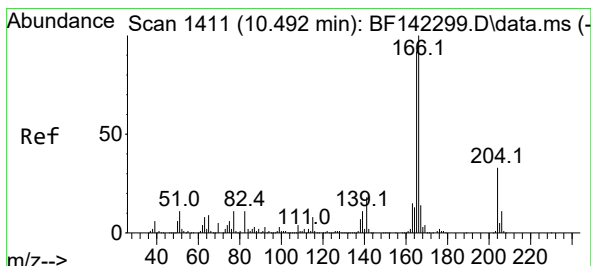
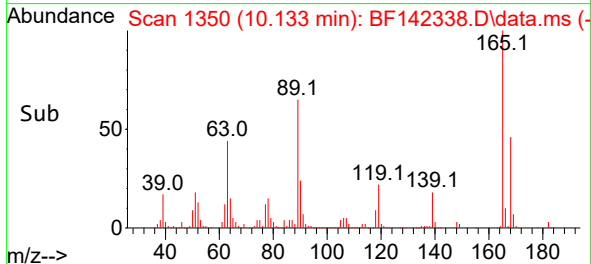
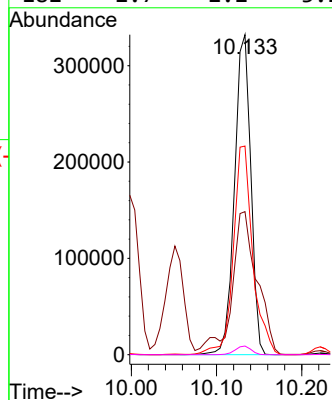
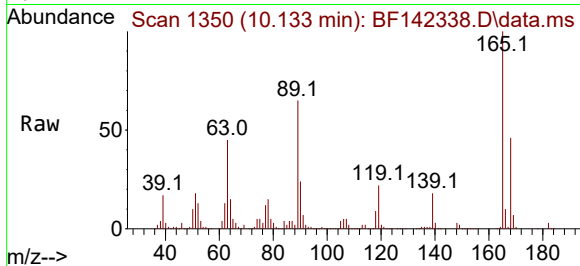




#57
2,4-Dinitrotoluene
Concen: 55.943 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

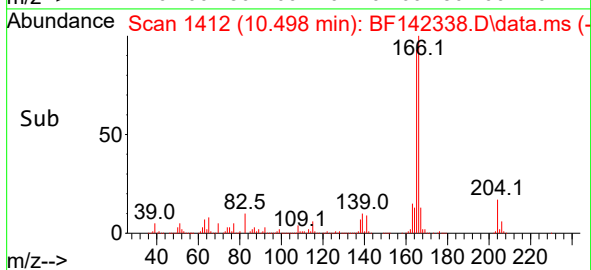
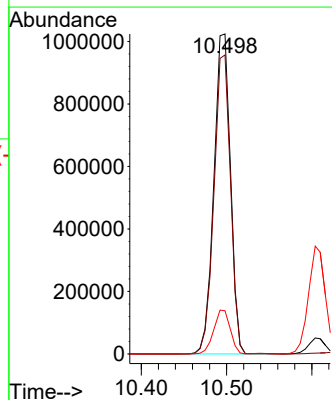
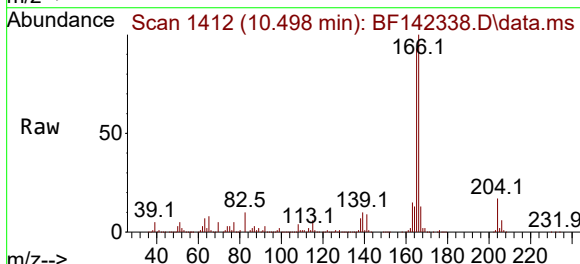
Instrument :
BNA_F
ClientSampleId :
PB167951BS

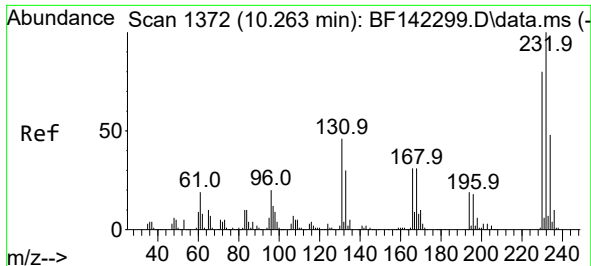
Tgt Ion:165 Resp: 440858
Ion Ratio Lower Upper
165 100
63 44.7 37.1 55.7
89 65.2 54.4 81.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.968 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:166 Resp: 1385694
Ion Ratio Lower Upper
166 100
165 93.5 74.0 111.0
167 13.5 10.9 16.3

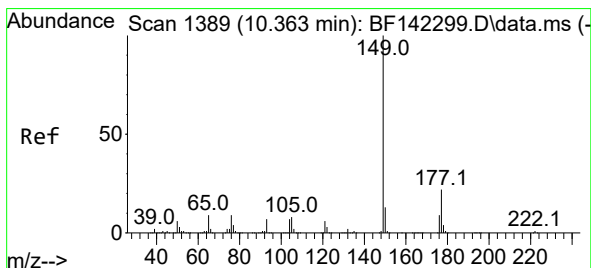
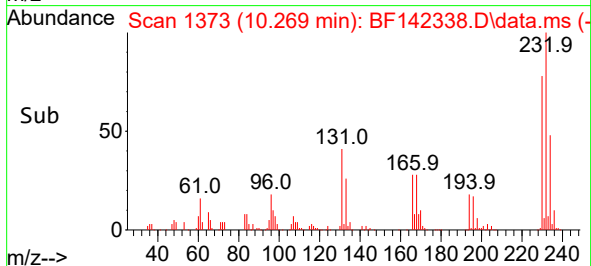
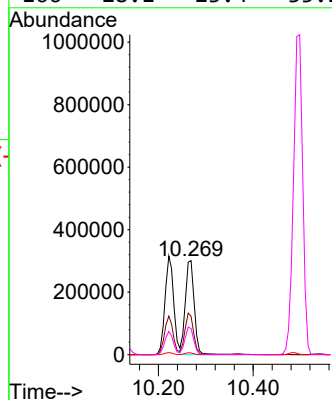
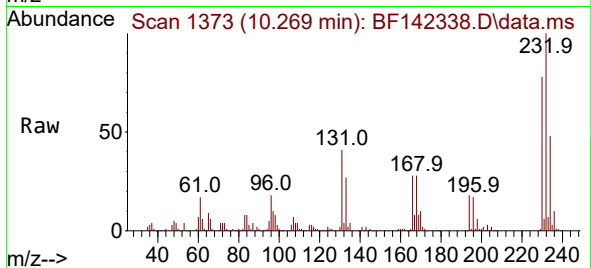




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.097 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

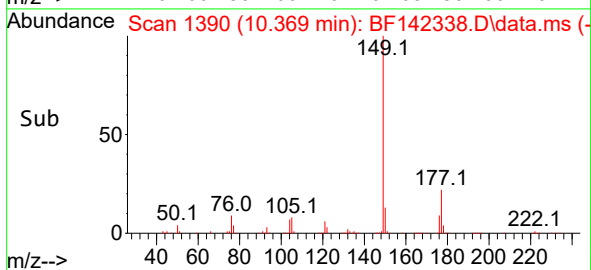
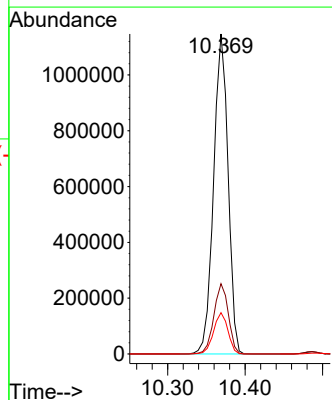
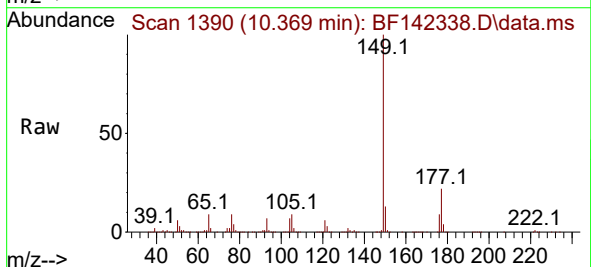
Instrument :
BNA_F
ClientSampleId :
PB167951BS

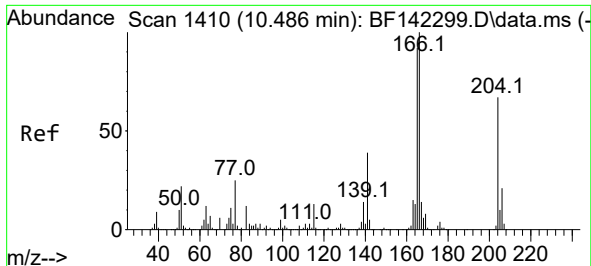
Tgt Ion:232 Resp: 396218
Ion Ratio Lower Upper
232 100
131 42.8 36.0 54.0
130 2.0 1.8 2.6
166 28.1 23.4 35.2



#60
Diethylphthalate
Concen: 45.327 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:149 Resp: 1485669
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.9 10.1 15.1

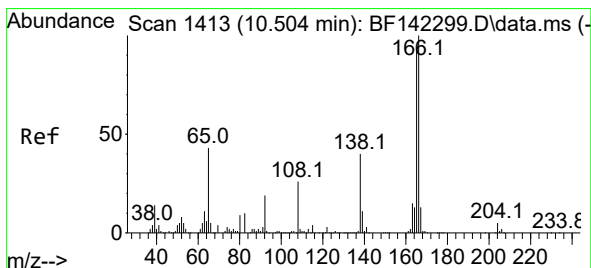
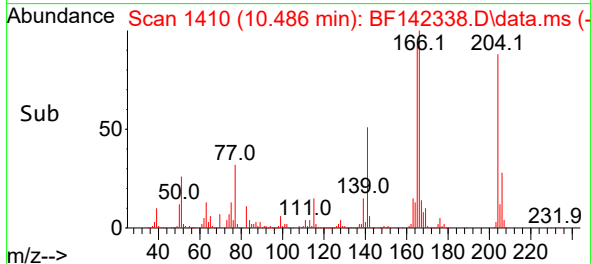
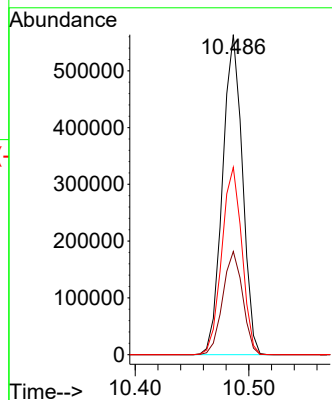
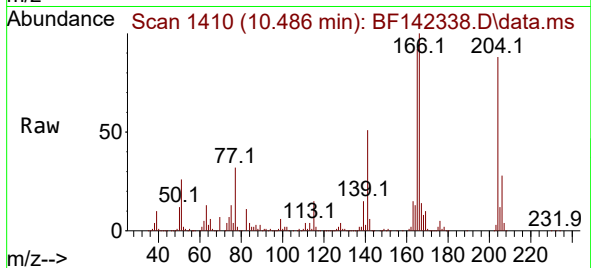




#61
4-Chlorophenyl-phenylether
Concen: 43.118 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

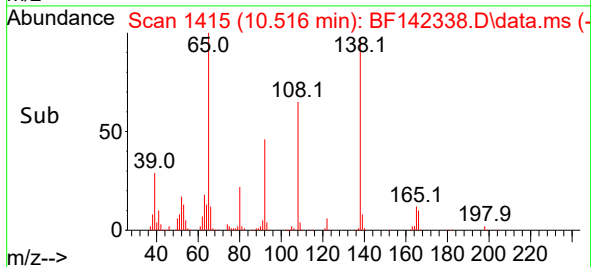
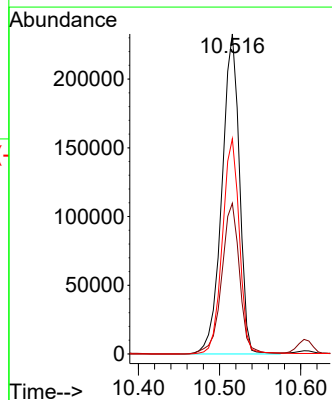
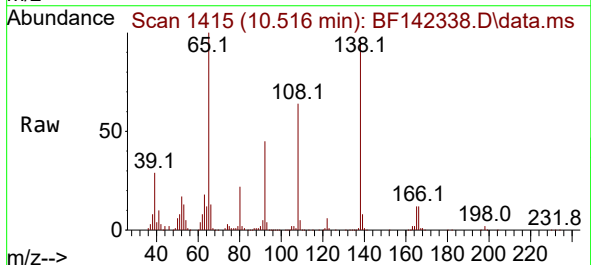
Instrument :
BNA_F
ClientSampleId :
PB167951BS

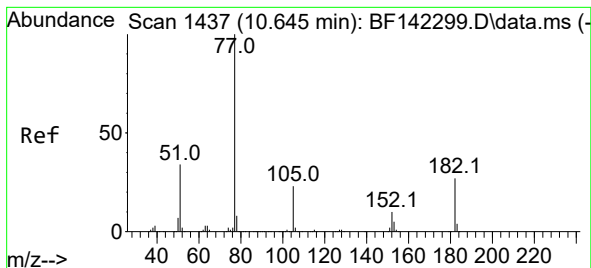
Tgt Ion:204 Resp: 686859
Ion Ratio Lower Upper
204 100
206 32.2 25.5 38.3
141 58.5 46.4 69.6



#62
4-Nitroaniline
Concen: 61.202 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:138 Resp: 349500
Ion Ratio Lower Upper
138 100
92 47.1 27.3 67.3
108 67.2 45.1 85.1





#63

Azobenzene

Concen: 43.317 ng

RT: 10.645 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

Tgt Ion: 77 Resp: 1356723

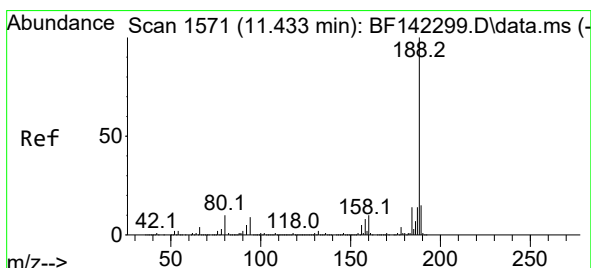
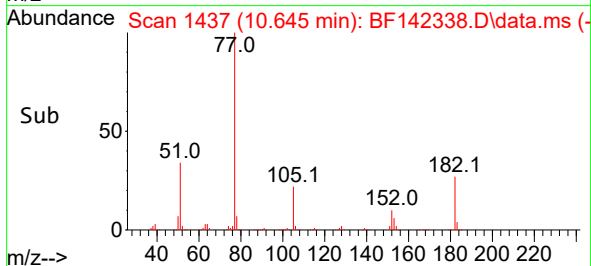
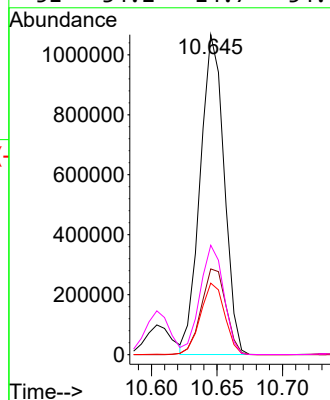
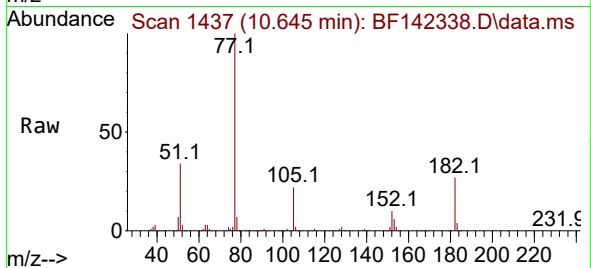
Ion Ratio Lower Upper

77 100

182 26.8 6.9 46.9

105 22.3 2.7 42.7

51 34.2 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

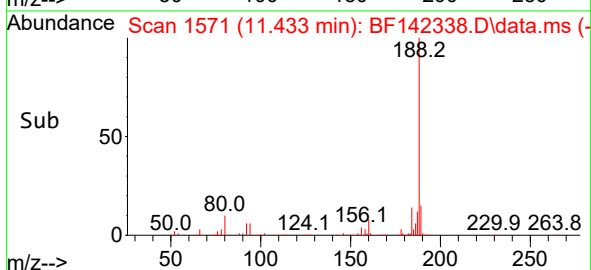
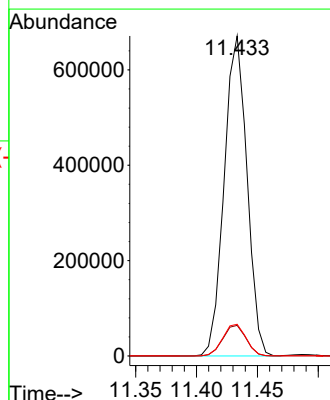
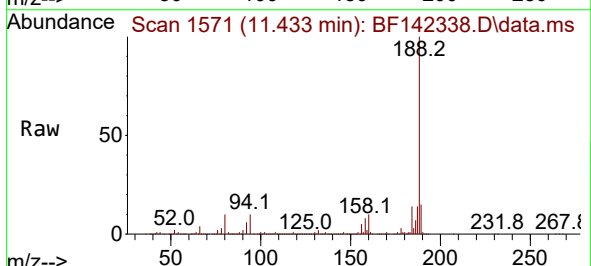
Tgt Ion: 188 Resp: 874805

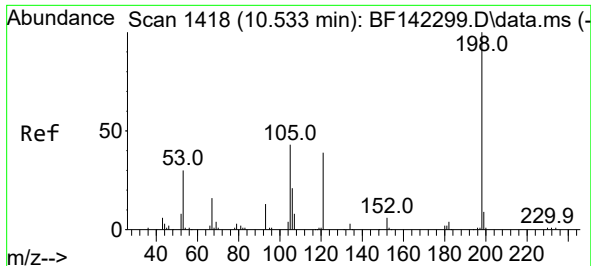
Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 9.9 7.9 11.9

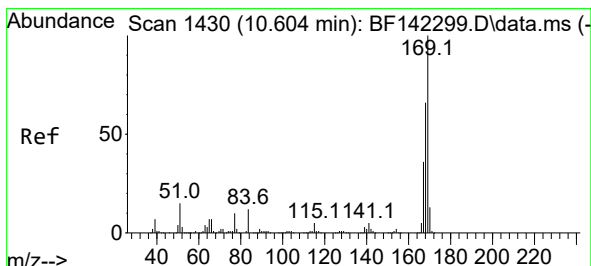
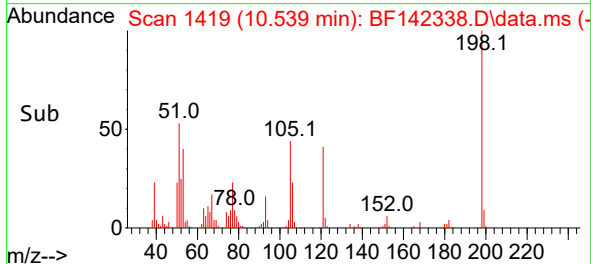
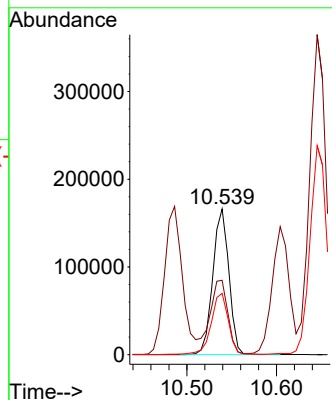
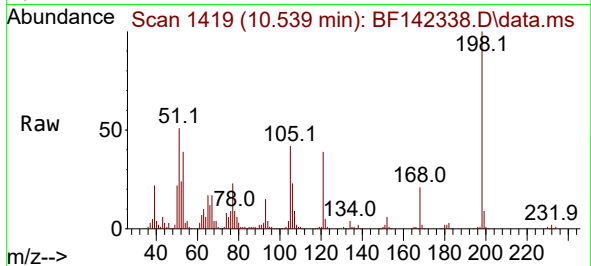




#65
4,6-Dinitro-2-methylphenol
Concen: 50.299 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

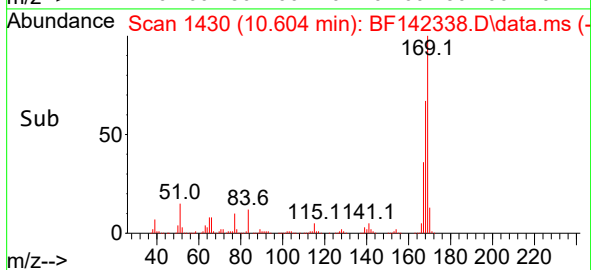
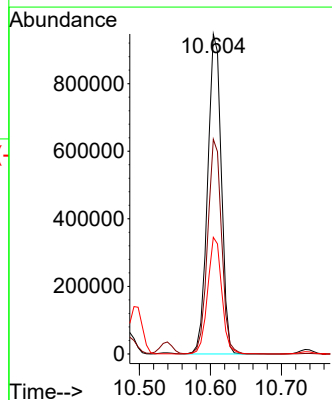
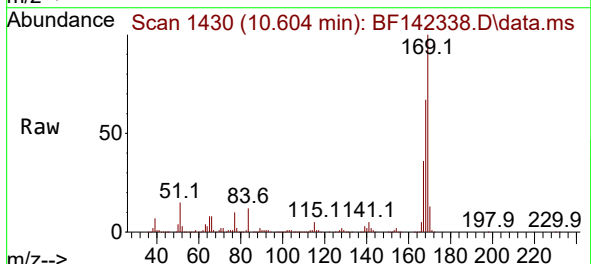
Instrument :
BNA_F
ClientSampleId :
PB167951BS

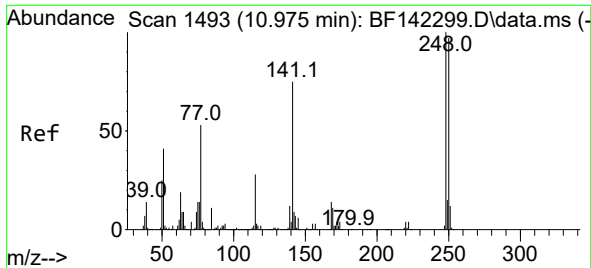
Tgt Ion:198 Resp: 206766
Ion Ratio Lower Upper
198 100
51 51.0 32.9 72.9
105 42.1 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 43.535 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:169 Resp: 1267302
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.5 28.9 43.3

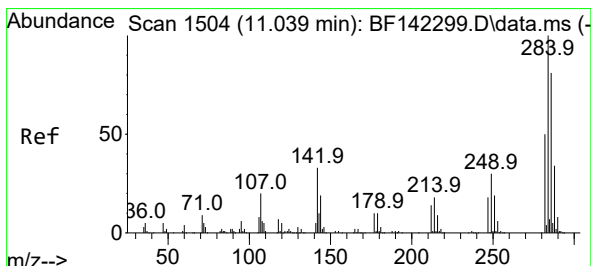
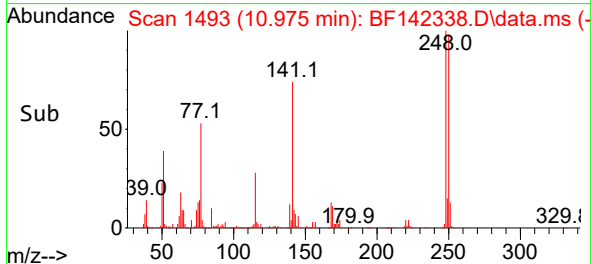
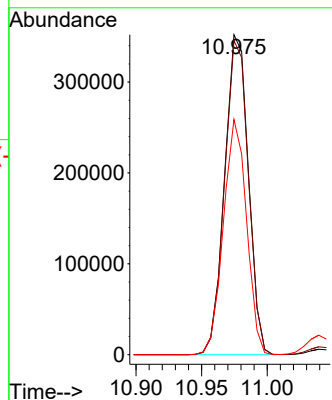
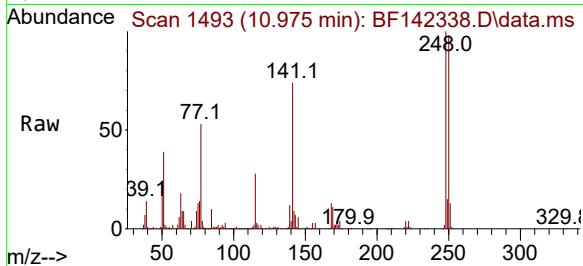




#67
4-Bromophenyl-phenylether
Concen: 44.859 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

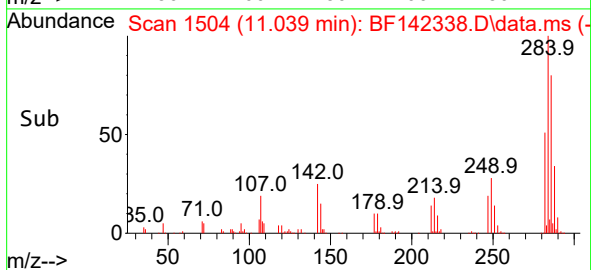
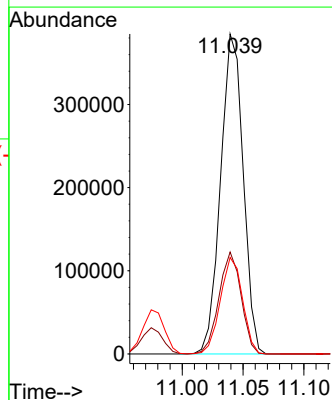
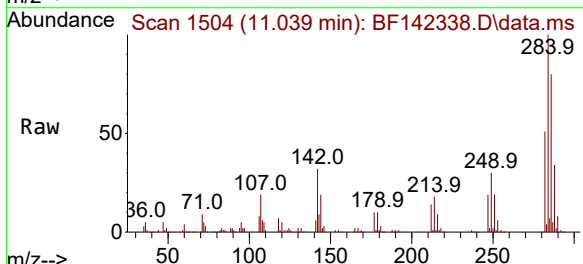
Instrument :
BNA_F
ClientSampleId :
PB167951BS

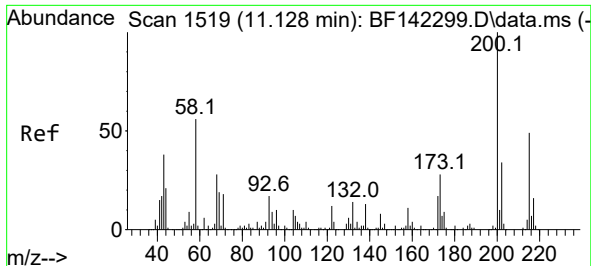
Tgt Ion:248	Resp:	444751
Ion Ratio	Lower	Upper
248	100	
250	98.1	77.9 116.9
141	73.5	59.8 89.8



#68
Hexachlorobenzene
Concen: 45.558 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:284	Resp:	496845
Ion Ratio	Lower	Upper
284	100	
142	31.8	26.6 39.8
249	30.2	24.1 36.1

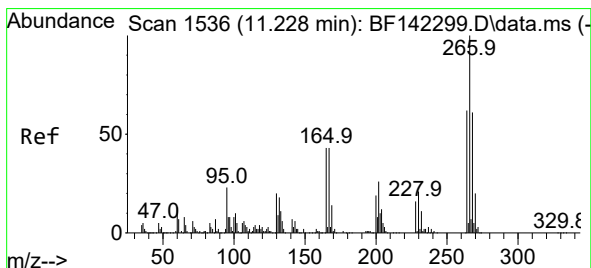
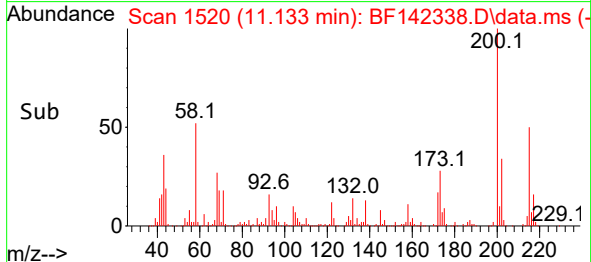
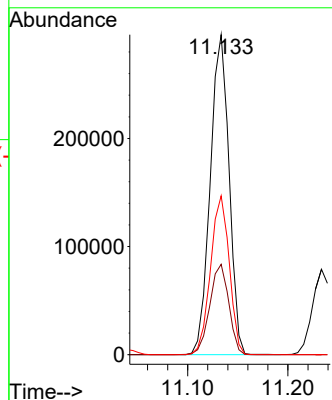
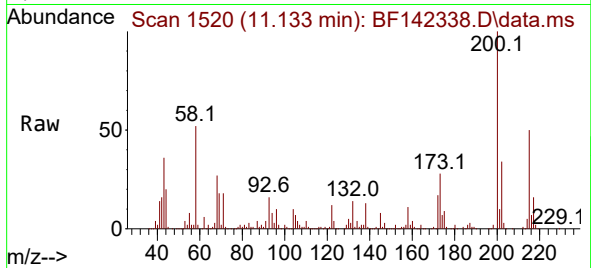




#69
 Atrazine
 Concen: 50.314 ng
 RT: 11.133 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

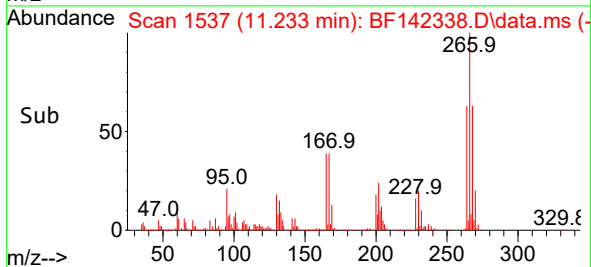
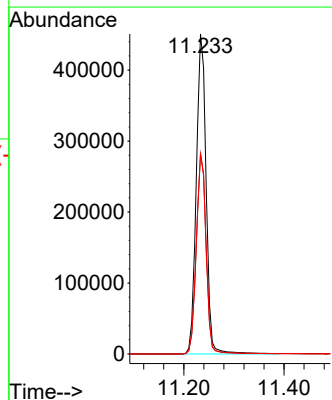
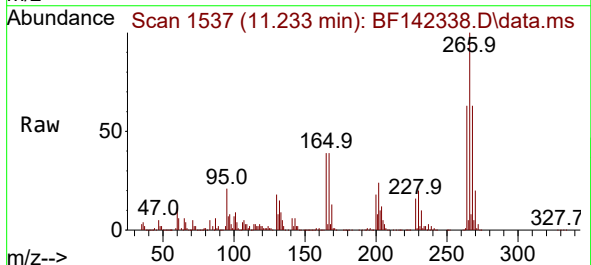
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

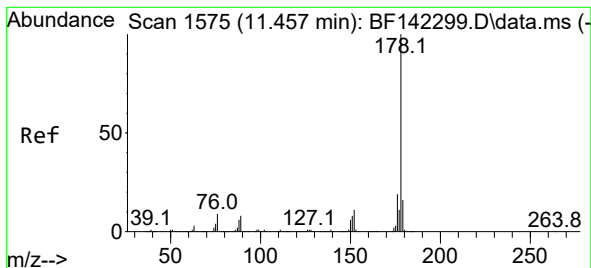
Tgt Ion:200 Resp: 386080
 Ion Ratio Lower Upper
 200 100
 173 28.2 8.1 48.1
 215 49.7 28.8 68.8



#70
 Pentachlorophenol
 Concen: 106.915 ng
 RT: 11.233 min Scan# 1537
 Delta R.T. 0.006 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

Tgt Ion:266 Resp: 613387
 Ion Ratio Lower Upper
 266 100
 268 62.5 48.7 73.1
 264 62.8 49.8 74.6





#71

Phenanthrene

Concen: 42.998 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

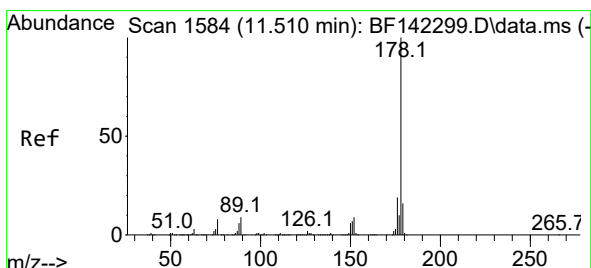
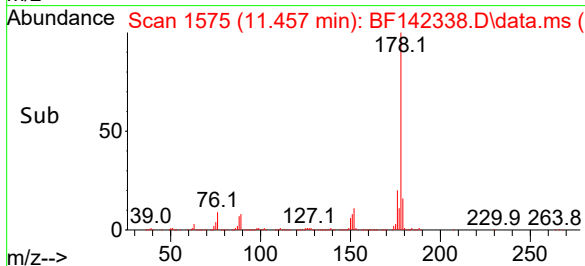
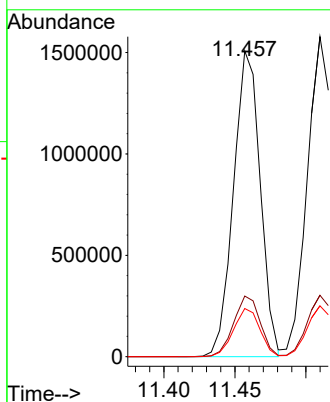
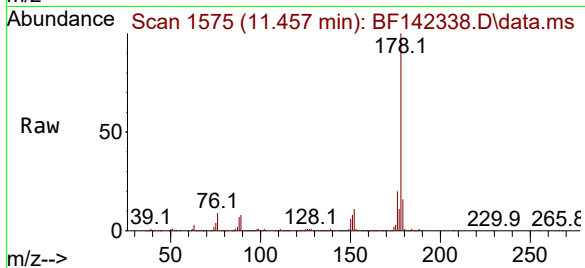
Tgt Ion:178 Resp: 1971676

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 15.7 12.6 18.8



#72

Anthracene

Concen: 43.074 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

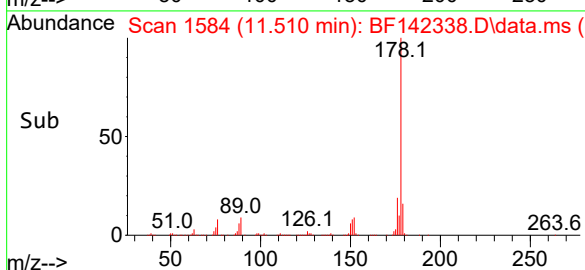
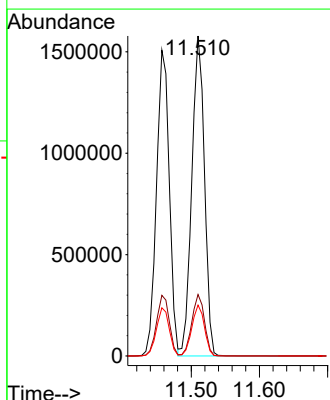
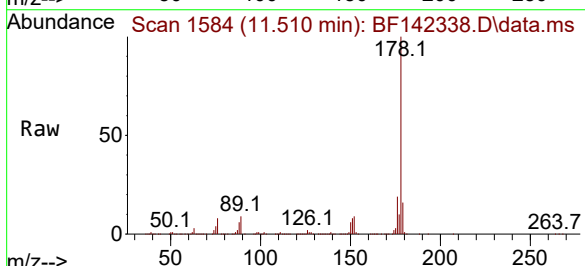
Tgt Ion:178 Resp: 2029462

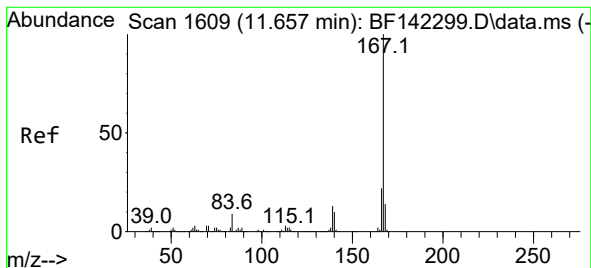
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.9 12.6 18.8





#73

Carbazole

Concen: 44.137 ng

RT: 11.663 min Scan# 1610

Delta R.T. 0.006 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

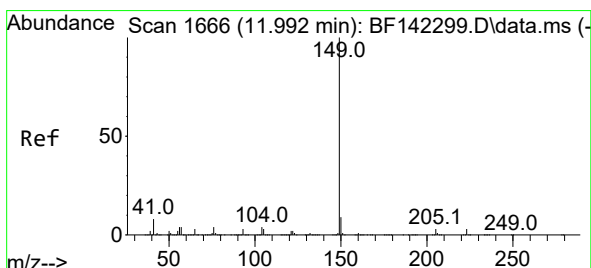
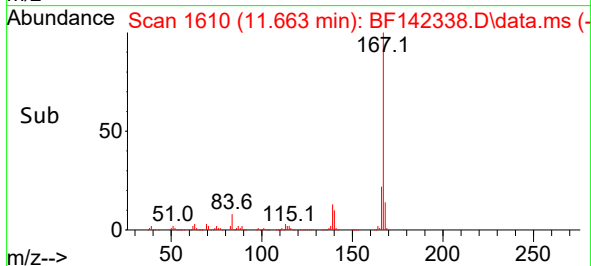
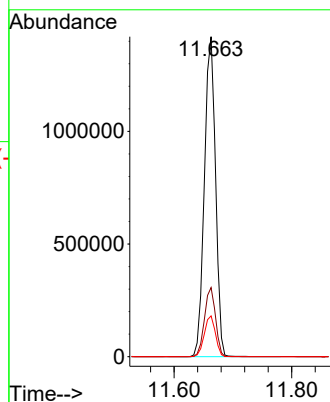
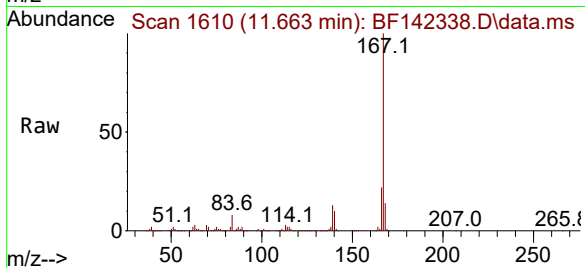
Tgt Ion:167 Resp: 1865721

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.360 ng

RT: 11.992 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

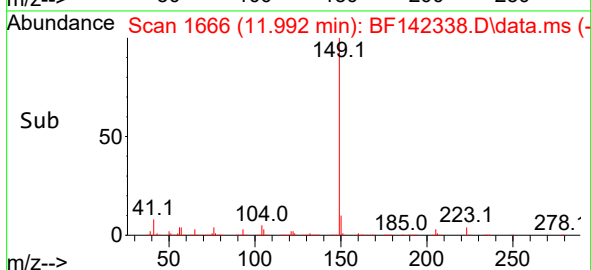
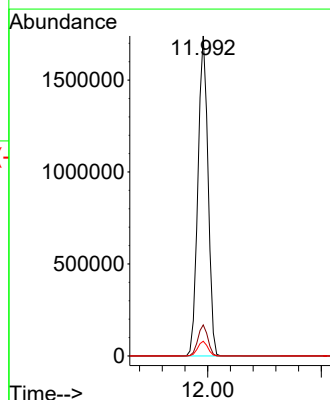
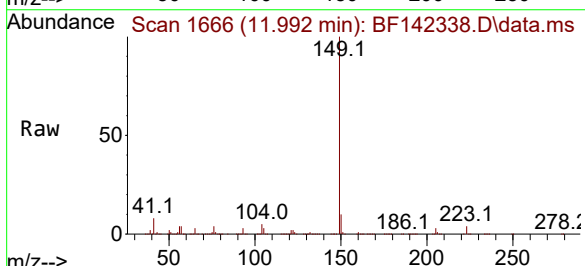
Tgt Ion:149 Resp: 2149539

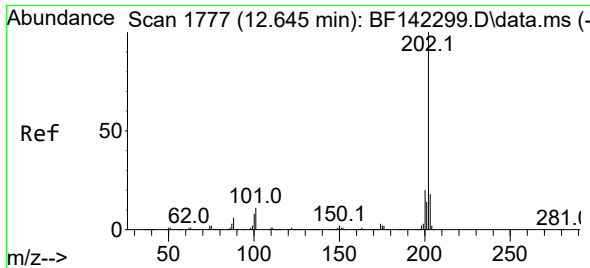
Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

104 4.6 3.6 5.4

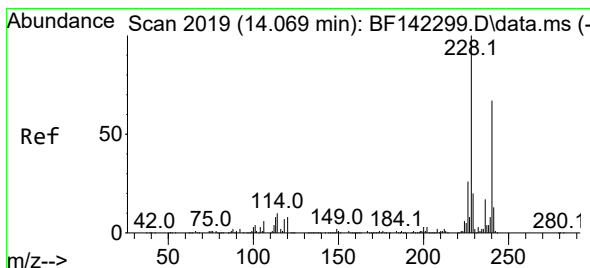
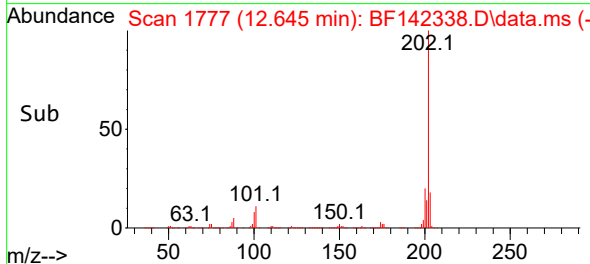
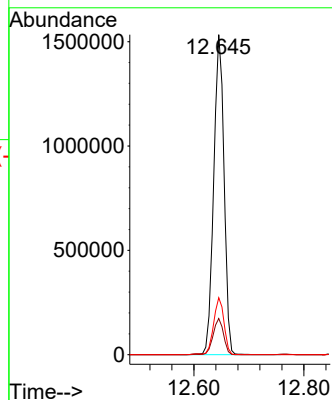
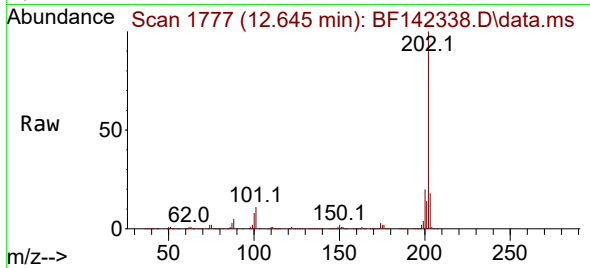




#75
Fluoranthene
Concen: 43.728 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

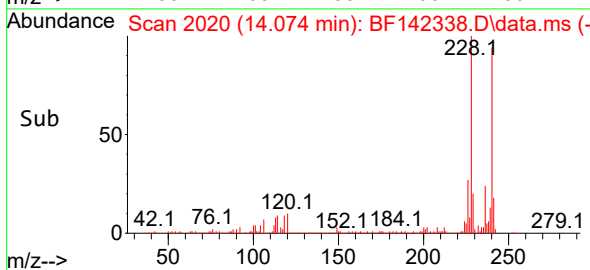
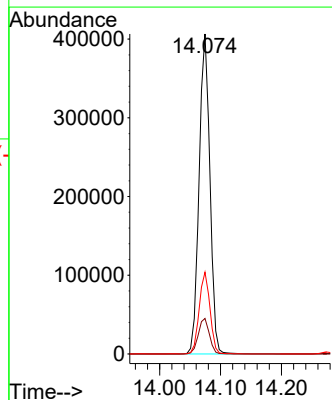
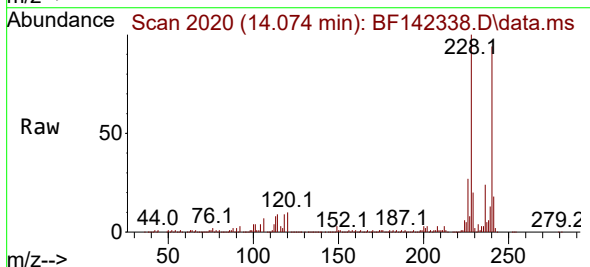
Instrument :
BNA_F
ClientSampleId :
PB167951BS

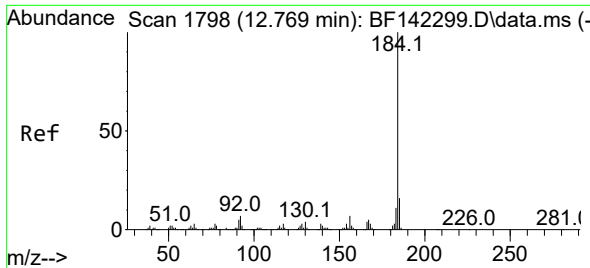
Tgt Ion:202 Resp: 2004417
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:240 Resp: 500567
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 25.6 20.0 30.0

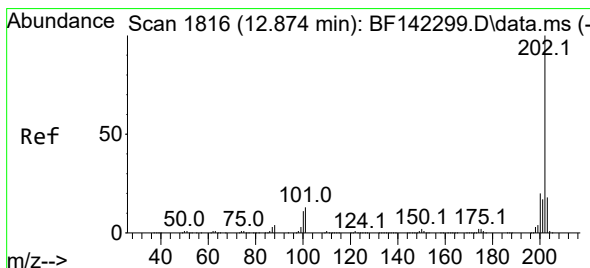
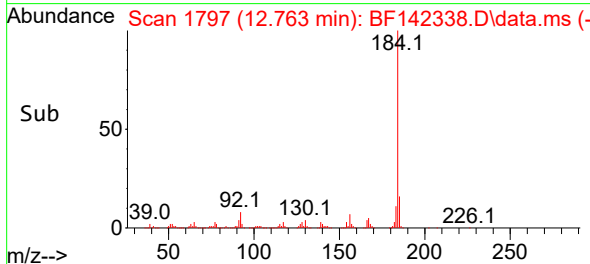
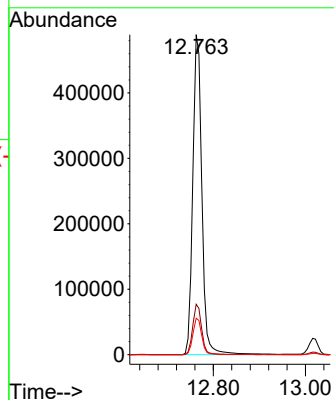
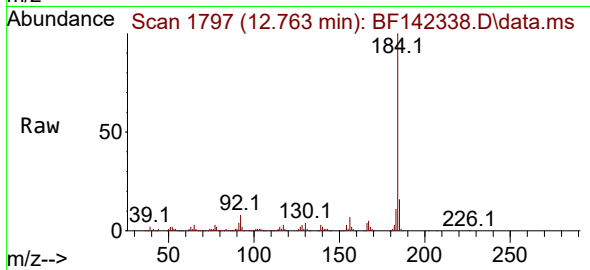




#77
Benzidine
Concen: 73.540 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

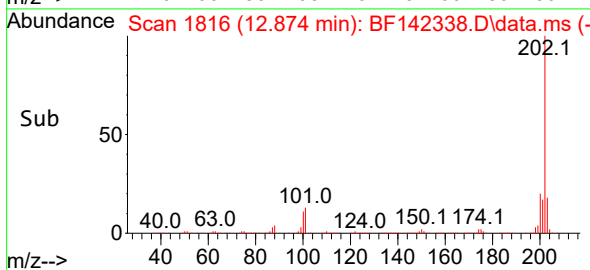
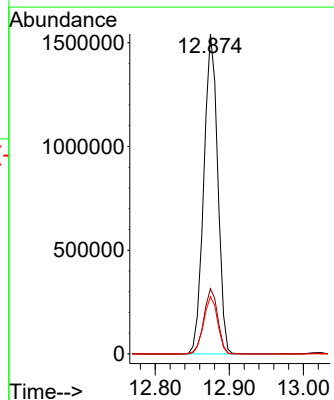
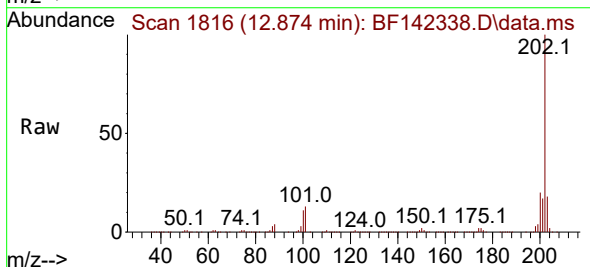
Instrument :
BNA_F
ClientSampleId :
PB167951BS

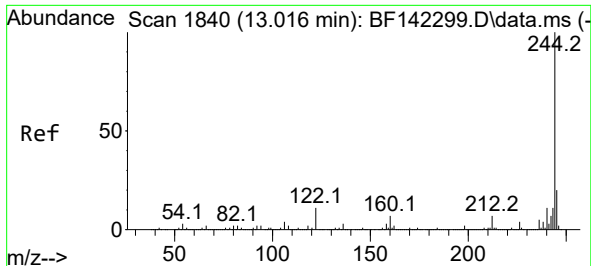
Tgt Ion:184 Resp: 668971
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 11.4 8.6 12.8



#78
Pyrene
Concen: 45.246 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:202 Resp: 2015964
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 17.9 14.3 21.5

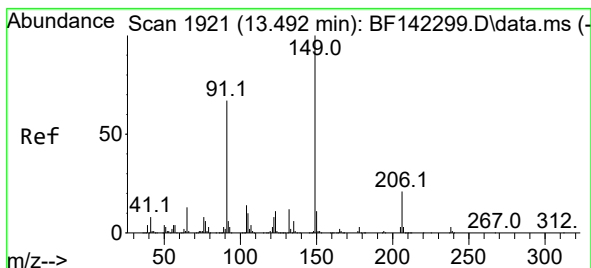
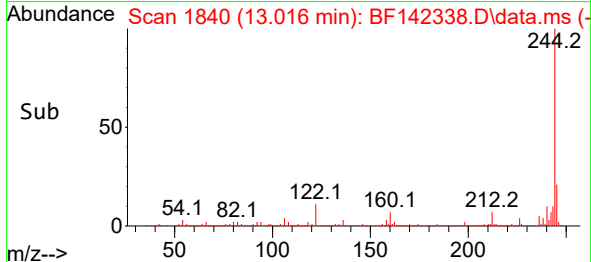
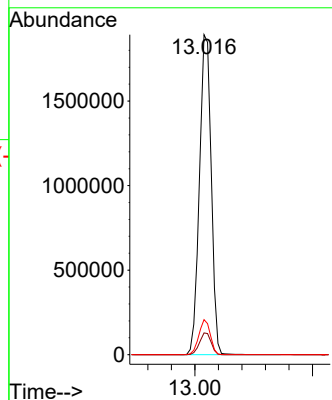
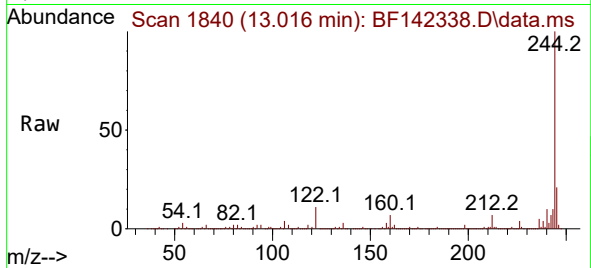




#79
 Terphenyl-d14
 Concen: 77.850 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

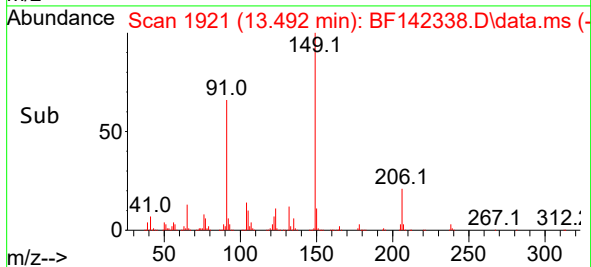
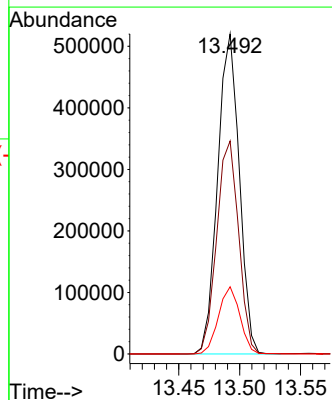
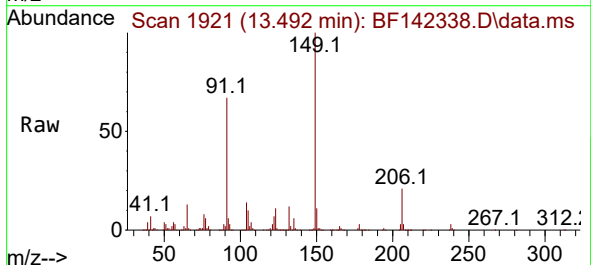
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

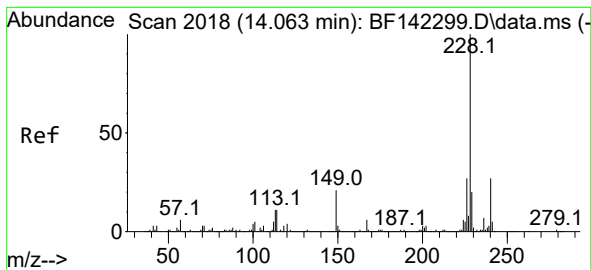
Tgt Ion:244 Resp: 2632861
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 49.376 ng
 RT: 13.492 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

Tgt Ion:149 Resp: 643503
 Ion Ratio Lower Upper
 149 100
 91 66.5 53.8 80.6
 206 21.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 45.670 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

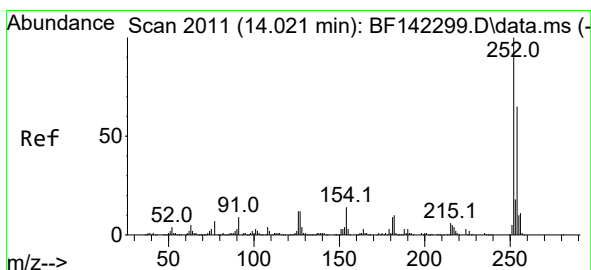
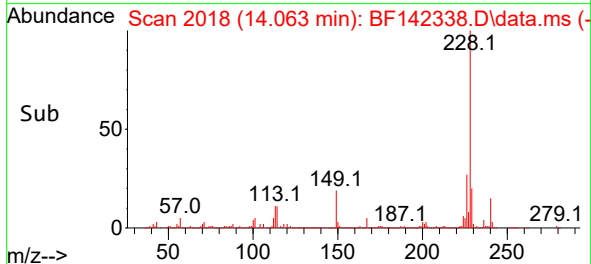
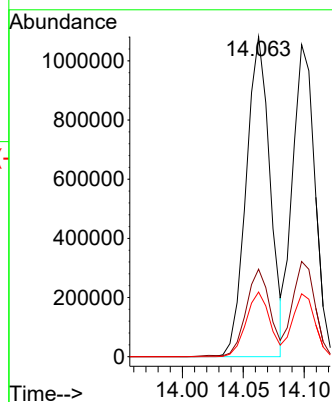
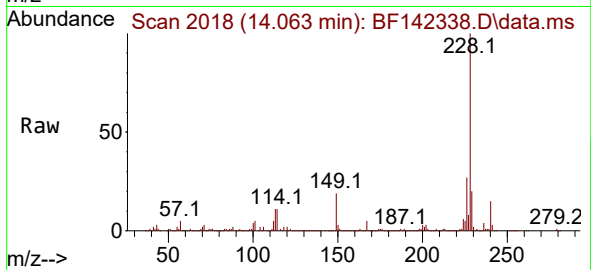
Tgt Ion:228 Resp: 1480499

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

229 20.2 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 40.441 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

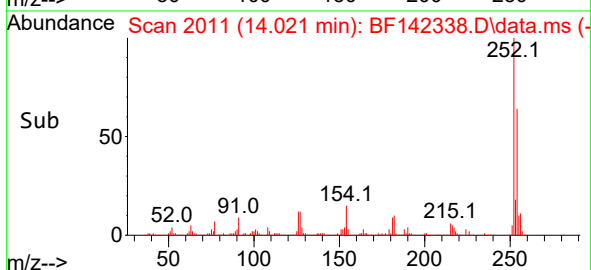
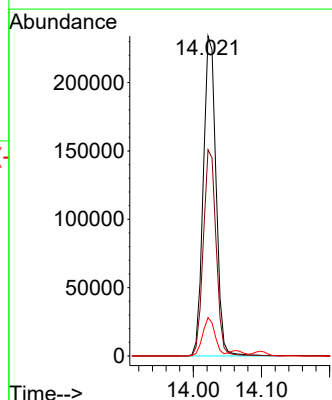
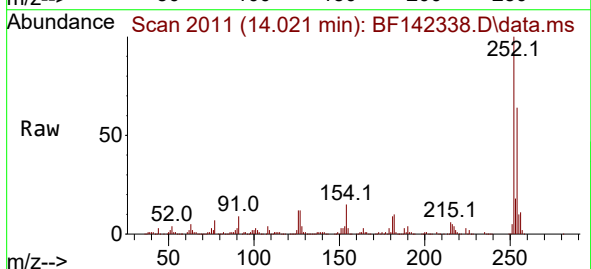
Tgt Ion:252 Resp: 304866

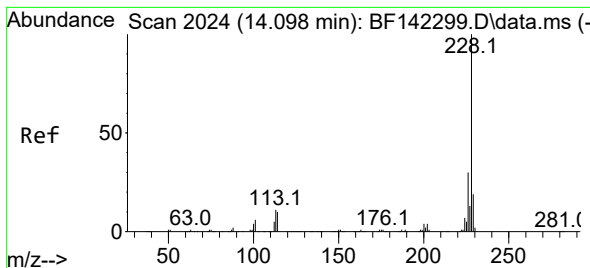
Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

126 12.0 9.7 14.5





#83

Chrysene

Concen: 45.014 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

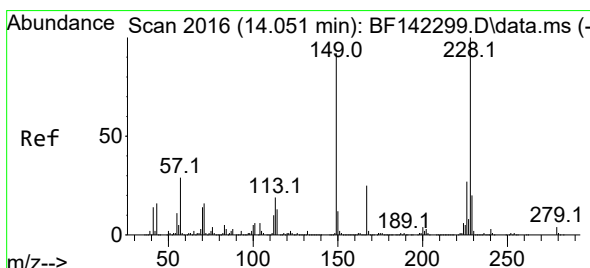
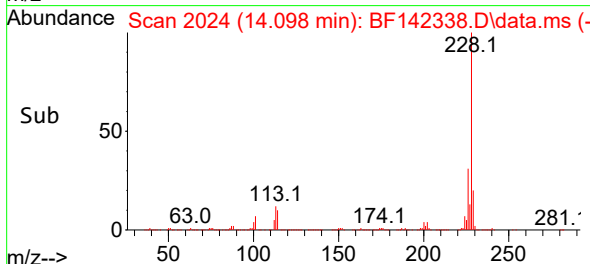
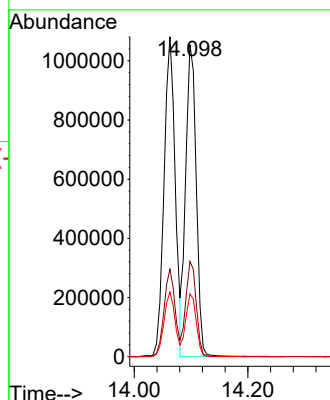
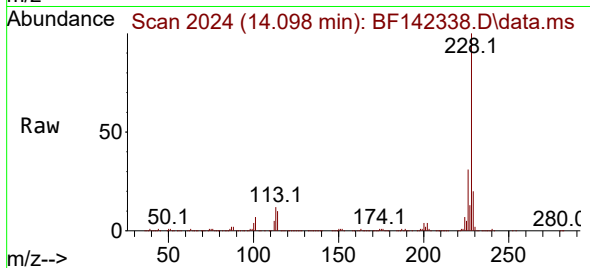
Tgt Ion:228 Resp: 1358442

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 20.1 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.030 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

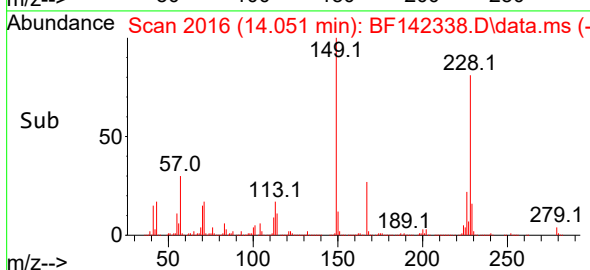
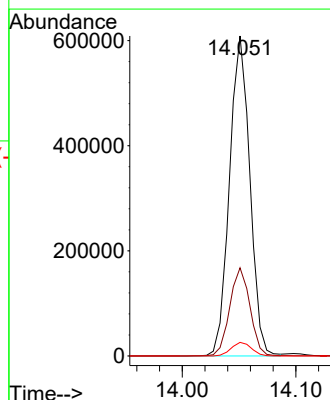
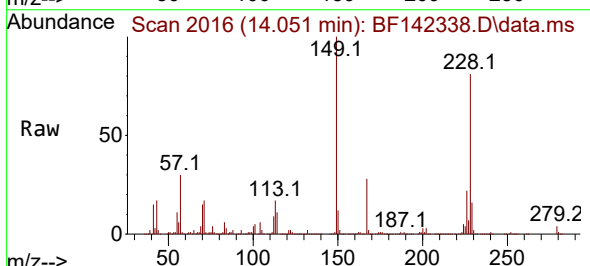
Tgt Ion:149 Resp: 757616

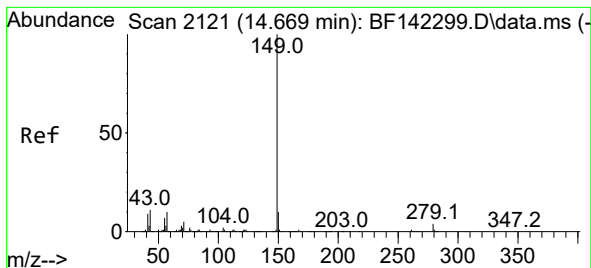
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 43.450 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.001 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

Instrument :

BNA_F

ClientSampleId :

PB167951BS

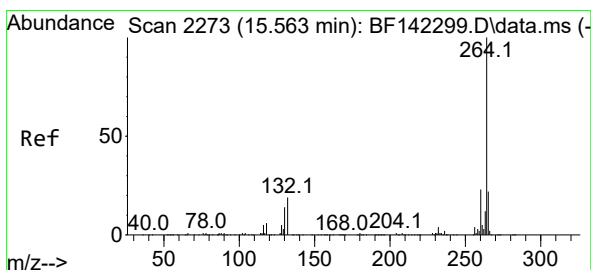
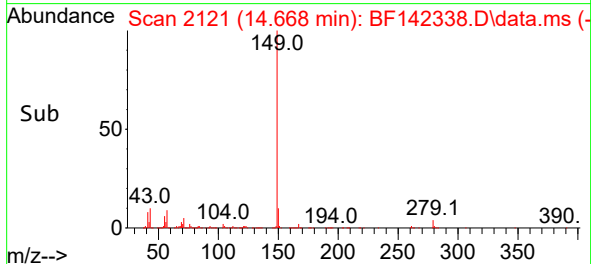
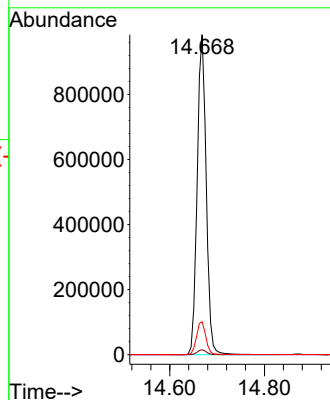
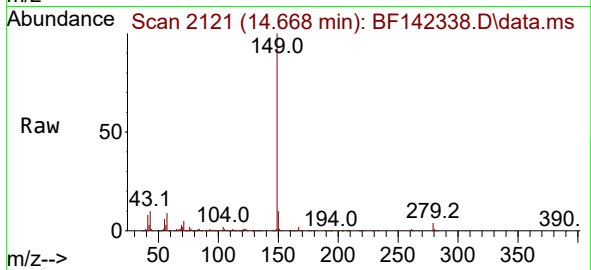
Tgt Ion:149 Resp: 1299418

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.7 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142338.D

Acq: 13 May 2025 11:46

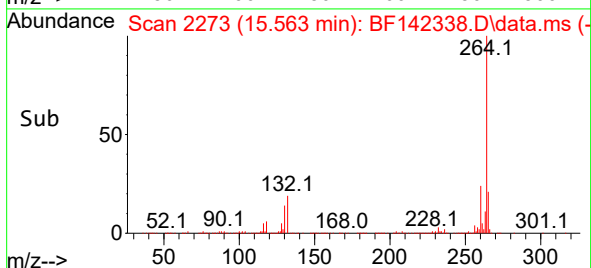
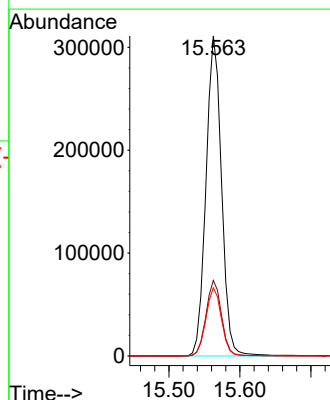
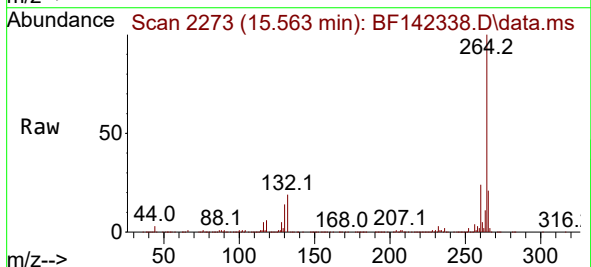
Tgt Ion:264 Resp: 474027

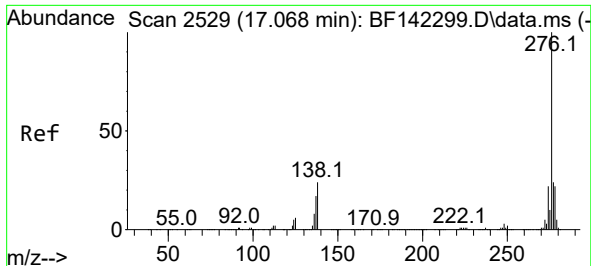
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.3 17.5 26.3

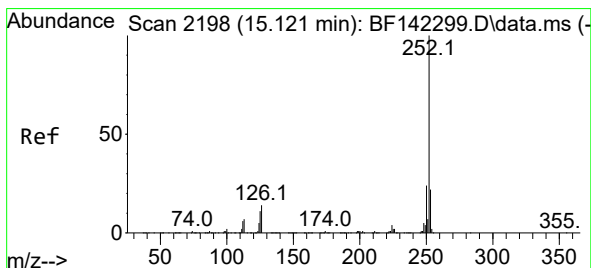
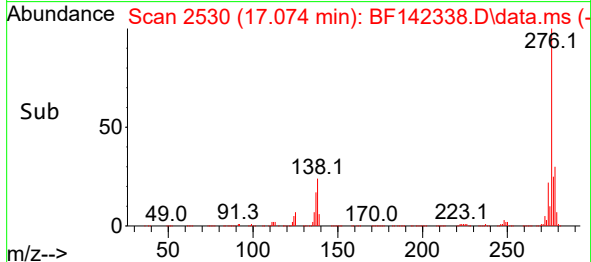
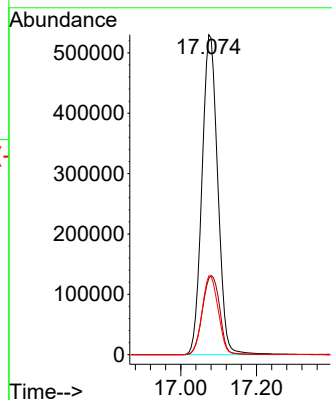
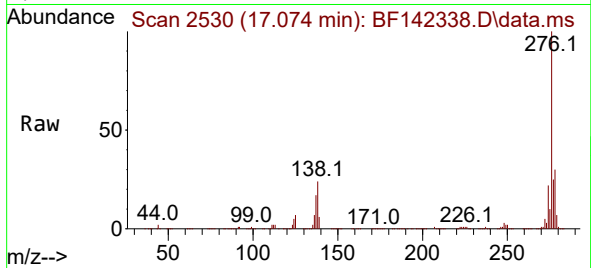




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.318 ng
 RT: 17.074 min Scan# 2153
 Delta R.T. 0.006 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

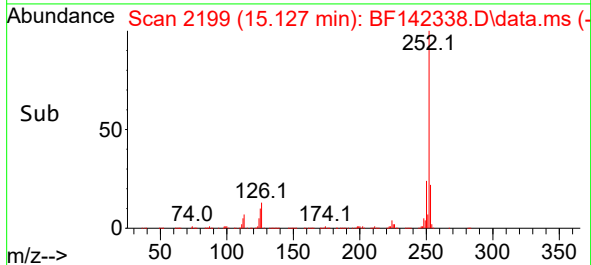
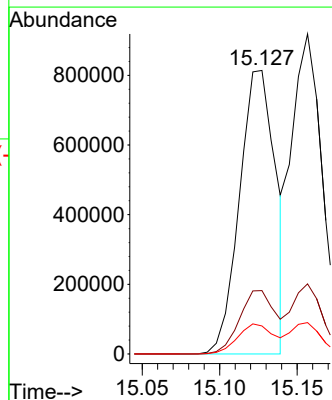
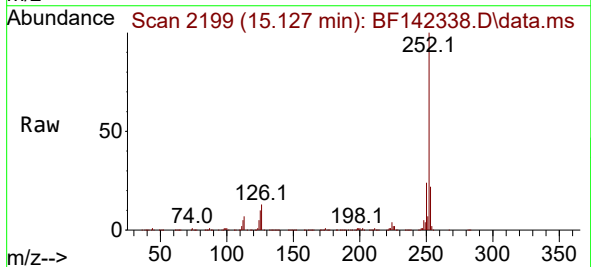
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

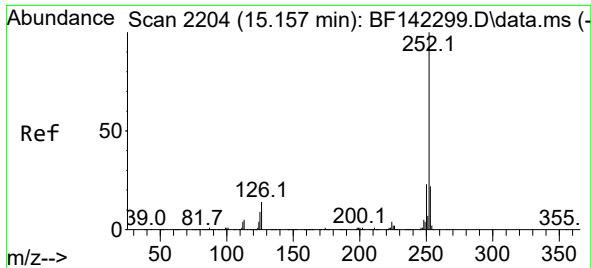
Tgt Ion:276 Resp: 1527317
 Ion Ratio Lower Upper
 276 100
 138 27.1 22.0 33.0
 277 25.3 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 45.933 ng
 RT: 15.127 min Scan# 2199
 Delta R.T. 0.006 min
 Lab File: BF142338.D
 Acq: 13 May 2025 11:46

Tgt Ion:252 Resp: 1318721
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 9.9 8.7 13.1

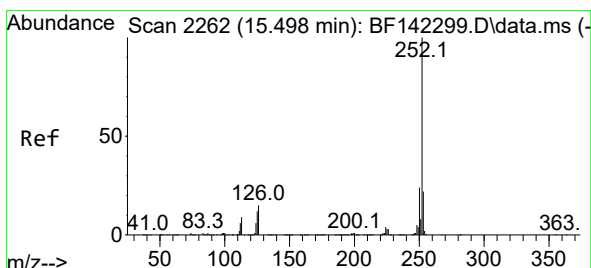
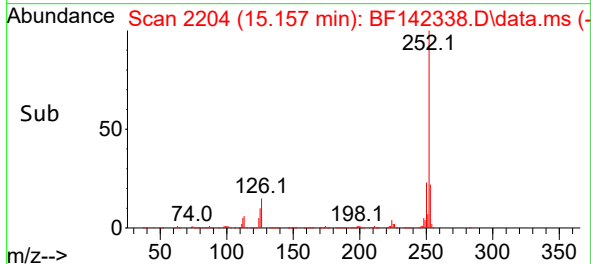
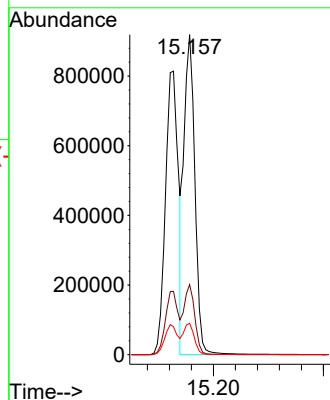
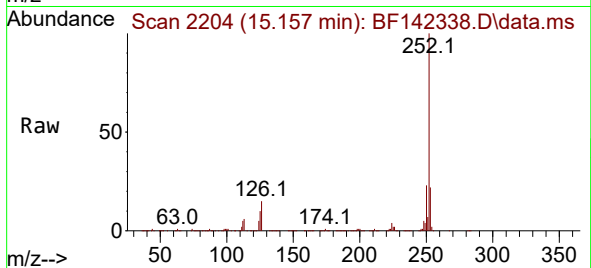




#89
Benzo(k)fluoranthene
Concen: 48.335 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

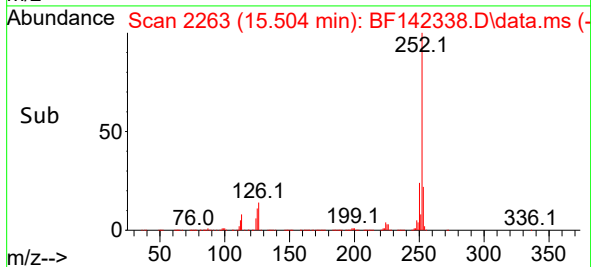
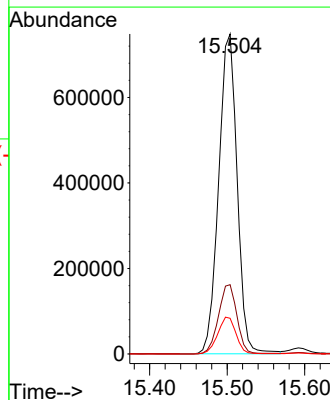
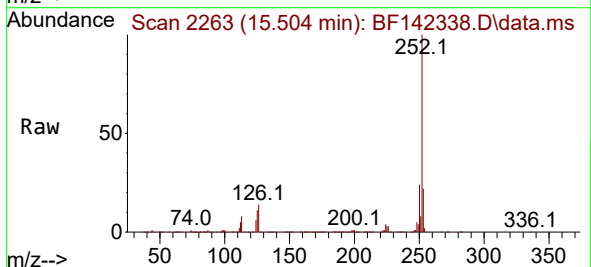
Instrument :
BNA_F
ClientSampleId :
PB167951BS

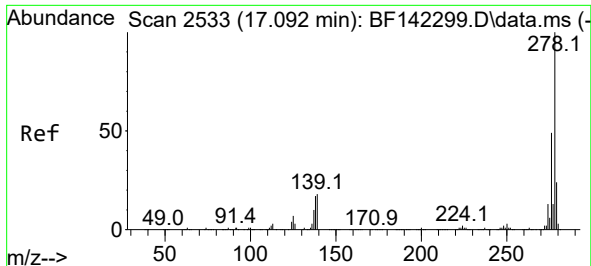
Tgt Ion:252 Resp: 1269903
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 48.117 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

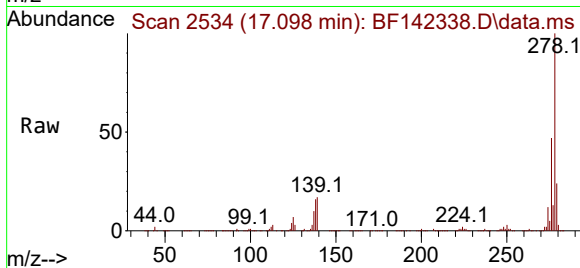
Tgt Ion:252 Resp: 1237919
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 11.1 9.4 14.0



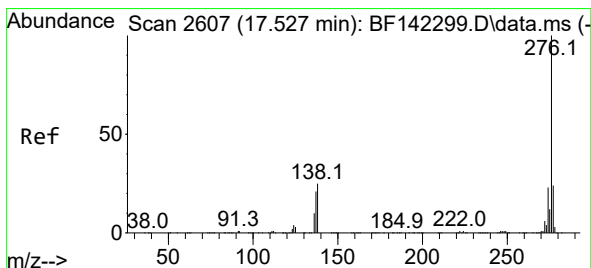
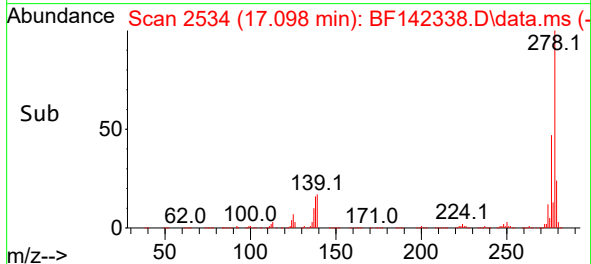
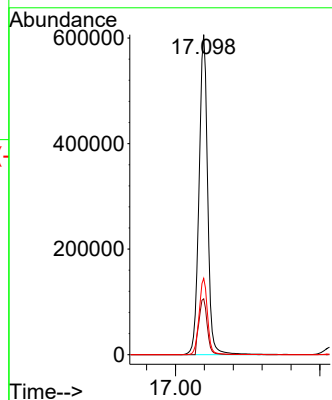


#91
Dibenzo(a,h)anthracene
Concen: 45.998 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Instrument :
BNA_F
ClientSampleId :
PB167951BS



Tgt Ion:278 Resp: 1253090
Ion Ratio Lower Upper
278 100
139 17.5 14.5 21.7
279 23.9 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 45.979 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142338.D
Acq: 13 May 2025 11:46

Tgt Ion:276 Resp: 1243180
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 24.3 19.8 29.6

