

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142644.D
 Acq On : 06 Jun 2025 13:54
 Operator : RC/JU
 Sample : Q2207-37MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-05MS

Quant Time: Jun 06 14:25:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	117558	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	431241	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	216176	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	319672	20.000	ng	-0.01
76) Chrysene-d12	14.069	240	220105	20.000	ng	0.00
86) Perylene-d12	15.563	264	274187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	499053	71.521	ng	0.00
7) Phenol-d6	6.522	99	682872	81.299	ng	-0.01
23) Nitrobenzene-d5	7.457	82	323135	40.859	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	184142	76.749	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	583157	36.198	ng	-0.02
79) Terphenyl-d14	13.010	244	609901	37.866	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	111863	40.062	ng	99
3) Pyridine	3.481	79	289363	40.695	ng	99
4) n-Nitrosodimethylamine	3.434	42	145194	39.328	ng	91
6) Aniline	6.557	93	375537	33.251	ng	100
8) 2-Chlorophenol	6.681	128	303852	39.979	ng	100
9) Benzaldehyde	6.445	77	161195	31.907	ng	100
10) Phenol	6.534	94	370529	39.204	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	274849	40.399	ng	99
12) 1,3-Dichlorobenzene	6.834	146	337570	39.804	ng	99
13) 1,4-Dichlorobenzene	6.910	146	342765	40.123	ng	98
14) 1,2-Dichlorobenzene	7.063	146	326772	39.975	ng	99
15) Benzyl Alcohol	7.034	79	237091	38.196	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	451619	39.528	ng	99
17) 2-Methylphenol	7.145	107	227757	38.382	ng	99
18) Hexachloroethane	7.410	117	118979	39.886	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	187779	36.072	ng	99
20) 3+4-Methylphenols	7.298	107	279861	36.829	ng	97
22) Acetophenone	7.304	105	382211	40.038	ng	99
24) Nitrobenzene	7.475	77	287172	40.261	ng	100
25) Isophorone	7.716	82	511402	38.677	ng	98
26) 2-Nitrophenol	7.792	139	163664	42.942	ng	97
27) 2,4-Dimethylphenol	7.828	122	267216	39.757	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	325604	39.420	ng	99
29) 2,4-Dichlorophenol	8.034	162	242924	39.743	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	272393	41.062	ng	98
31) Naphthalene	8.204	128	857196	40.369	ng	100
32) Benzoic acid	7.939	122	161443	39.459	ng	98
33) 4-Chloroaniline	8.245	127	223466	25.972	ng	98
34) Hexachlorobutadiene	8.316	225	165358	39.922	ng	99
35) Caprolactam	8.610	113	68154	39.700	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	232008	37.037	ng	96
37) 2-Methylnaphthalene	8.892	142	520098	38.933	ng	99
38) 1-Methylnaphthalene	8.992	142	526947	38.135	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	265808	42.834	ng	100
41) Hexachlorocyclopentadiene	9.045	237	323061	77.174	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	167004	39.910	ng	98

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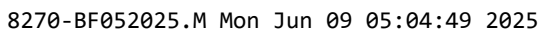
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	178778	40.510	ng	97
46) 1,1'-Biphenyl	9.357	154	692707	41.303	ng	99
47) 2-Chloronaphthalene	9.381	162	510578	41.205	ng	99
48) 2-Nitroaniline	9.475	65	144676	40.394	ng	100
49) Acenaphthylene	9.798	152	842923	40.286	ng	100
50) Dimethylphthalate	9.657	163	551253	38.646	ng	99
51) 2,6-Dinitrotoluene	9.716	165	122457	39.777	ng	98
52) Acenaphthene	9.969	154	547658	42.865	ng	100
53) 3-Nitroaniline	9.886	138	93600	27.836	ng	96
54) 2,4-Dinitrophenol	9.992	184	126962	79.823	ng	94
55) Dibenzofuran	10.139	168	732432	39.837	ng	98
56) 4-Nitrophenol	10.045	139	189972	76.568	ng	98
57) 2,4-Dinitrotoluene	10.122	165	159853	39.759	ng	98
58) Fluorene	10.486	166	550170	38.734	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	140838	38.228	ng	98
60) Diethylphthalate	10.351	149	518361	37.209	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	264039	37.841	ng	97
62) 4-Nitroaniline	10.498	138	116213	38.107	ng	94
63) Azobenzene	10.633	77	495235	39.579	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	79518	44.573	ng	97
66) n-Nitrosodiphenylamine	10.592	169	460697	42.124	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	156676	41.450	ng	96
68) Hexachlorobenzene	11.033	284	170657	40.821	ng	99
69) Atrazine	11.116	200	132122	45.489	ng	100
70) Pentachlorophenol	11.228	266	182944	77.508	ng	98
71) Phenanthrene	11.451	178	704036	41.211	ng	100
72) Anthracene	11.498	178	717873	41.173	ng	100
73) Carbazole	11.657	167	623057	41.801	ng	99
74) Di-n-butylphthalate	11.980	149	693198	42.487	ng	99
75) Fluoranthene	12.639	202	651996	40.844	ng	99
77) Benzidine	12.763	184	327776	40.018	ng	99
78) Pyrene	12.869	202	652849	31.796	ng	99
80) Butylbenzylphthalate	13.486	149	242067	42.666	ng	95
81) Benzo(a)anthracene	14.057	228	579293	39.414	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	120278	26.981	ng	99
83) Chrysene	14.092	228	548033	41.497	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	329388	45.352	ng	100
85) Di-n-octyl phthalate	14.657	149	609646	42.929	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	744043	36.146	ng	99
88) Benzo(b)fluoranthene	15.121	252	689106	42.465	ng	98
89) Benzo(k)fluoranthene	15.151	252	589646	38.795	ng	98
90) Benzo(a)pyrene	15.504	252	632184	41.330	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	603640	36.157	ng	99
92) Benzo(g,h,i)perylene	17.539	276	580587	34.769	ng	98

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

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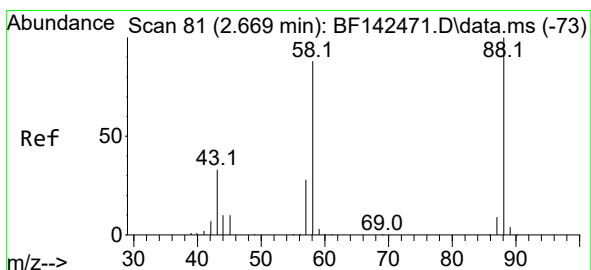
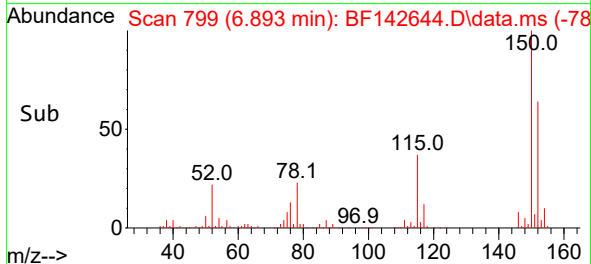
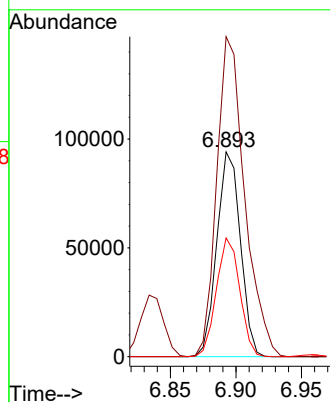
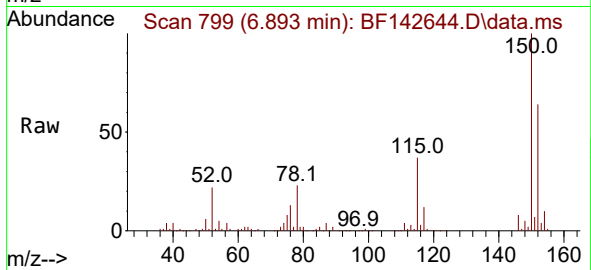




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF142644.D
 Acq: 06 Jun 2025 13:54

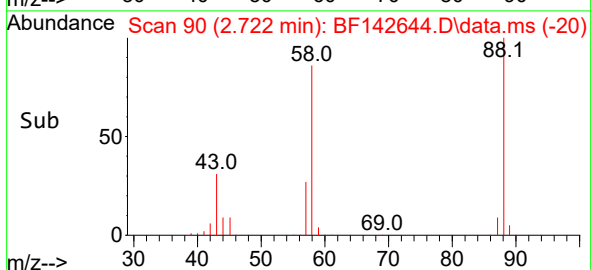
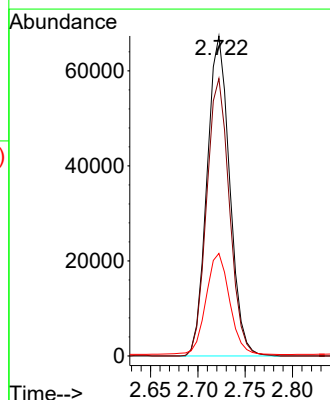
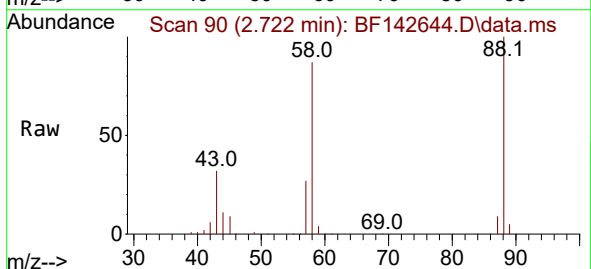
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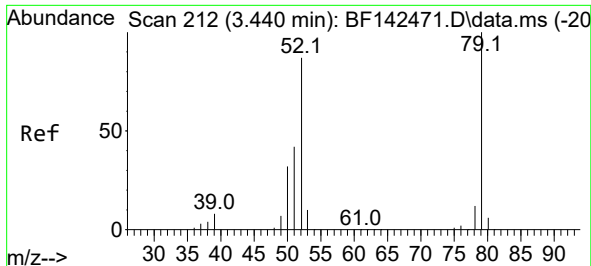
Tgt Ion:152 Resp: 117558
 Ion Ratio Lower Upper
 152 100
 150 156.2 128.2 192.4
 115 58.0 48.3 72.5



#2
 1,4-Dioxane
 Concen: 40.062 ng
 RT: 2.722 min Scan# 90
 Delta R.T. 0.059 min
 Lab File: BF142644.D
 Acq: 06 Jun 2025 13:54

Tgt Ion: 88 Resp: 111863
 Ion Ratio Lower Upper
 88 100
 58 87.4 70.8 106.2
 43 33.1 26.6 40.0





#3

Pyridine

Concen: 40.695 ng

RT: 3.481 min Scan# 211

Delta R.T. 0.041 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

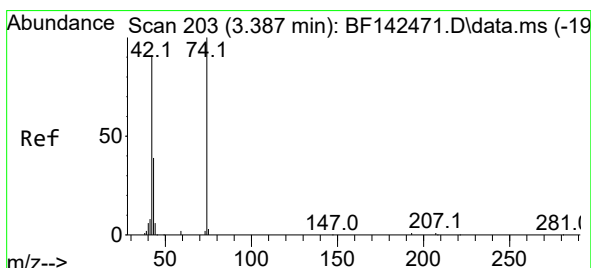
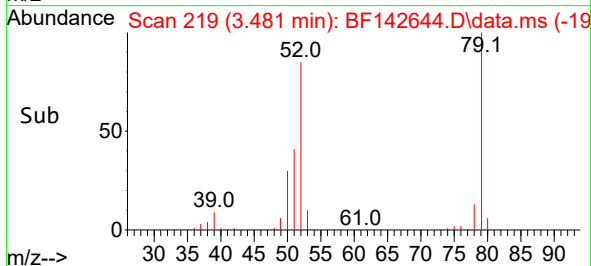
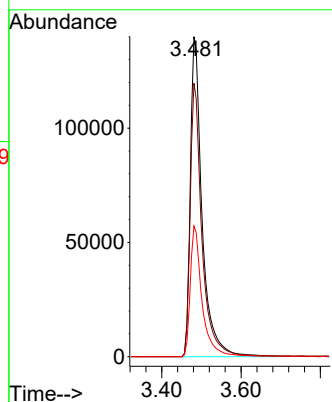
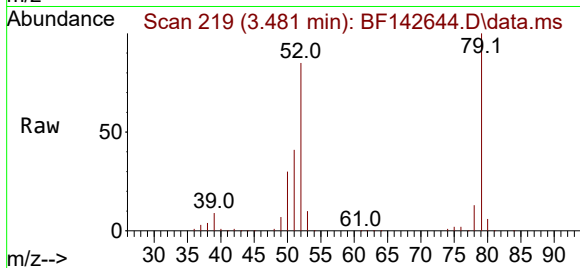
Tgt Ion: 79 Resp: 289363

Ion Ratio Lower Upper

79 100

52 85.5 69.2 103.8

51 40.8 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 39.328 ng

RT: 3.434 min Scan# 211

Delta R.T. 0.030 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

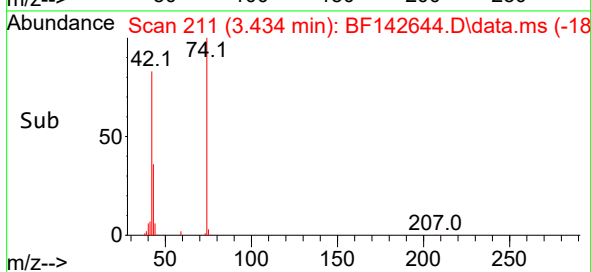
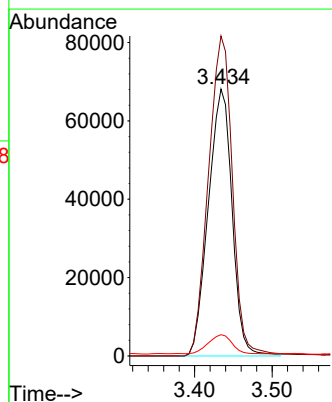
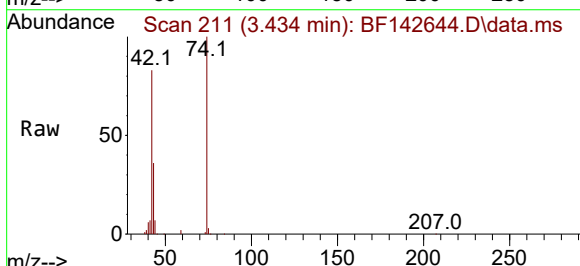
Tgt Ion: 42 Resp: 145194

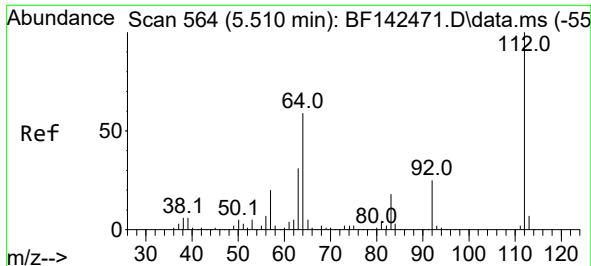
Ion Ratio Lower Upper

42 100

74 119.9 88.2 132.4

44 8.0 5.4 8.2

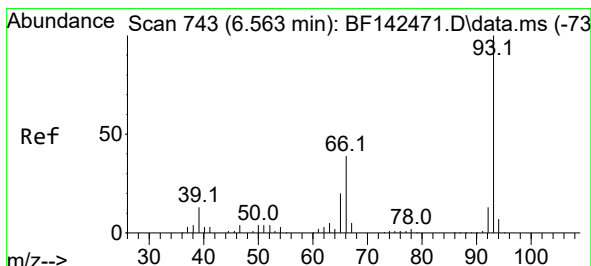
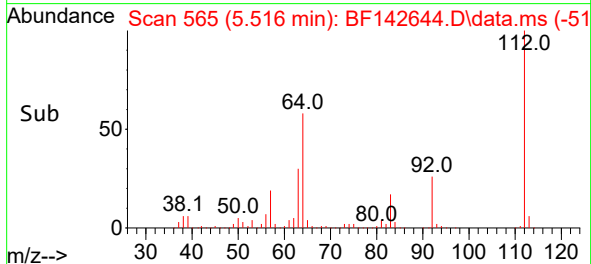
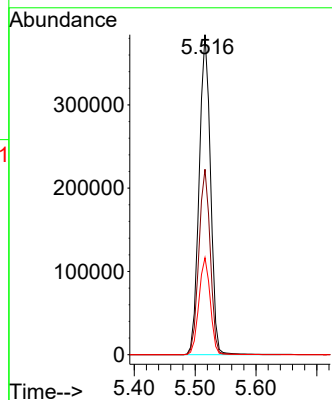
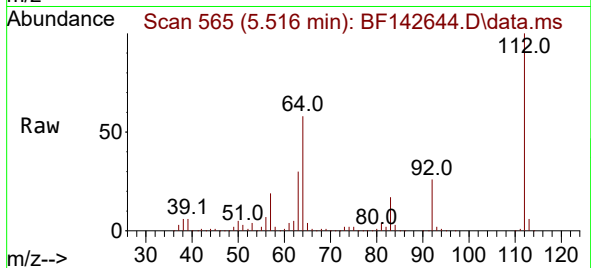




#5
2-Fluorophenol
Concen: 71.521 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

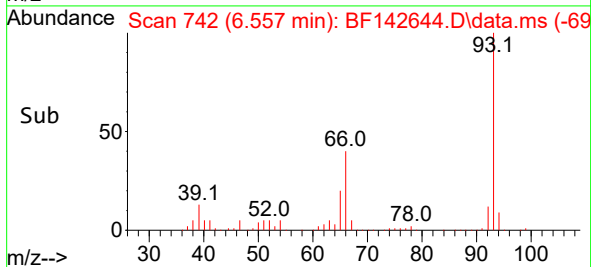
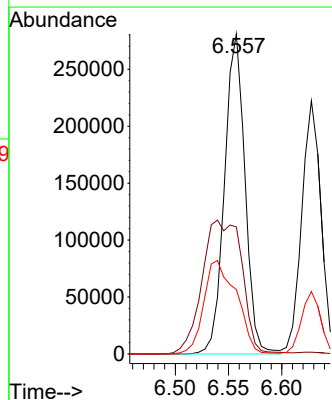
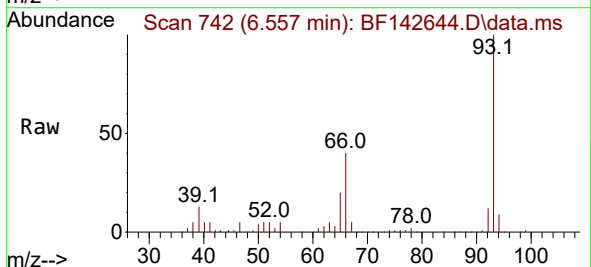
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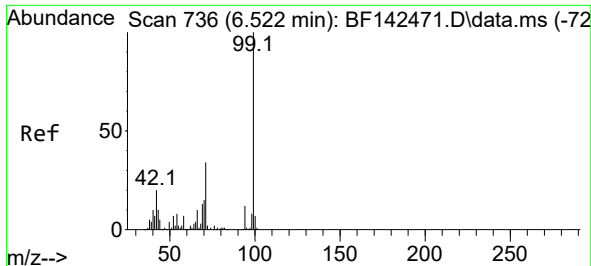
Tgt Ion:112 Resp: 499053
Ion Ratio Lower Upper
112 100
64 58.0 47.5 71.3
63 30.3 24.9 37.3



#6
Aniline
Concen: 33.251 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion: 93 Resp: 375537
Ion Ratio Lower Upper
93 100
66 39.7 32.0 48.0
65 20.2 16.1 24.1

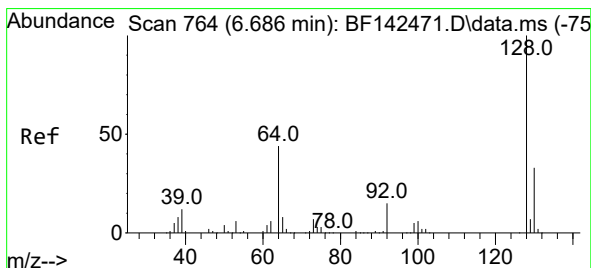
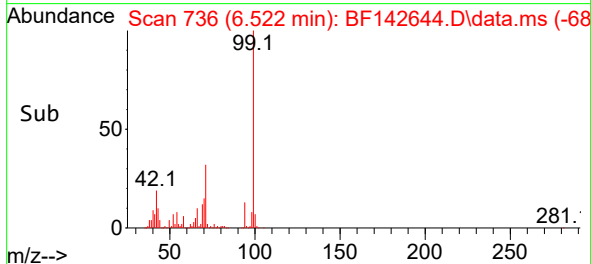
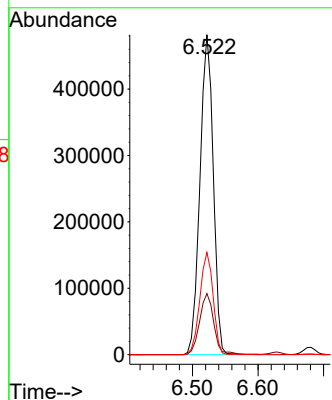
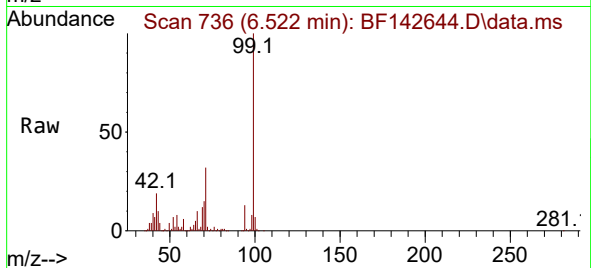




#7
Phenol-d6
Concen: 81.299 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

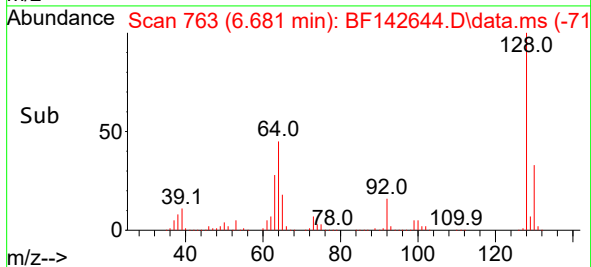
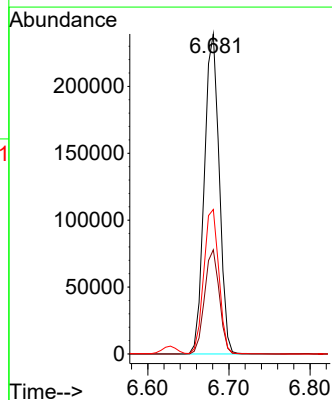
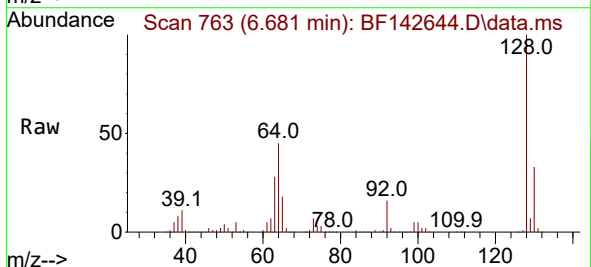
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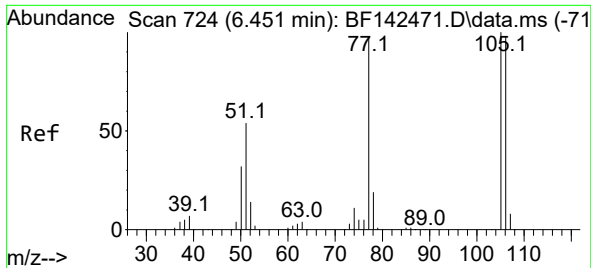
Tgt Ion: 99 Resp: 682872
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.2
71 31.9 27.3 40.9



#8
2-Chlorophenol
Concen: 39.979 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142644.D
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Tgt Ion:128 Resp: 303852
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 45.1 25.1 65.1

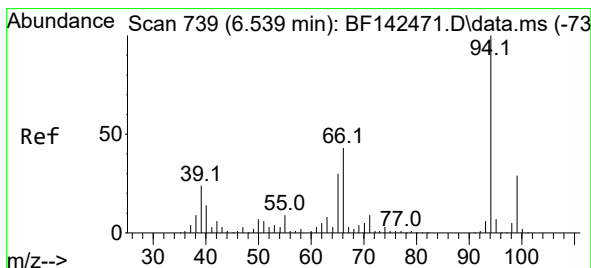
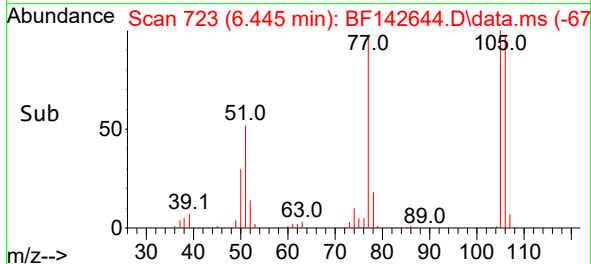
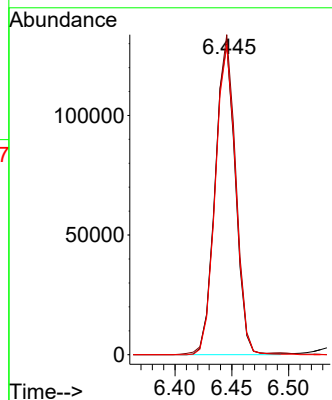
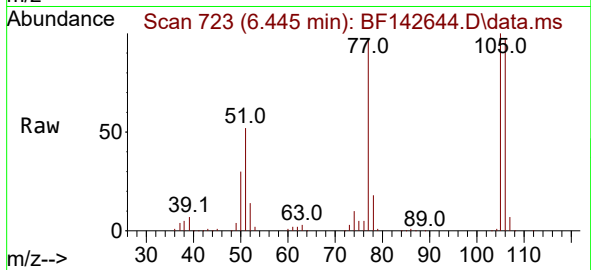




#9
Benzaldehyde
Concen: 31.907 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

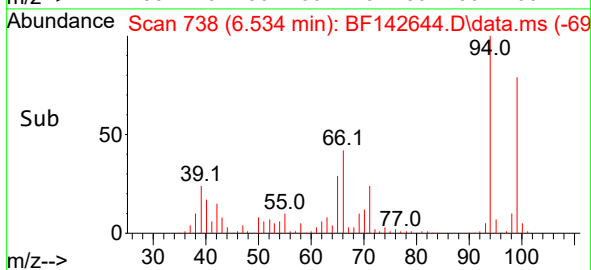
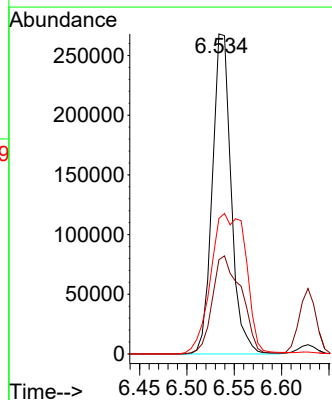
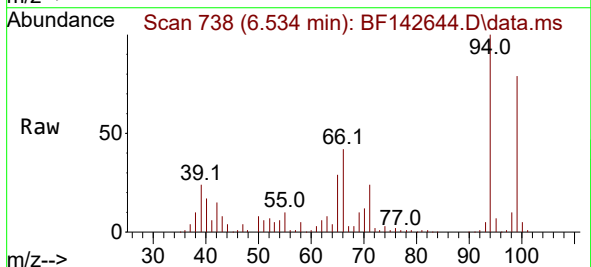
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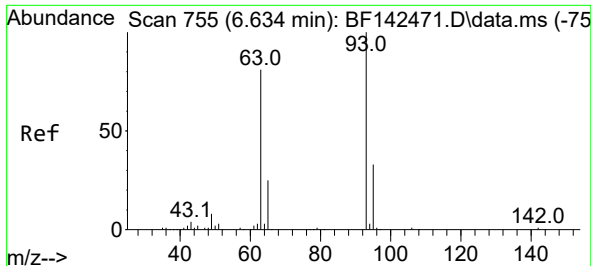
Tgt Ion: 77 Resp: 161195
Ion Ratio Lower Upper
77 100
105 103.2 82.5 122.5
106 99.8 80.0 120.0



#10
Phenol
Concen: 39.204 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF142644.D
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Tgt Ion: 94 Resp: 370529
Ion Ratio Lower Upper
94 100
65 29.5 10.3 50.3
66 42.3 22.6 62.6

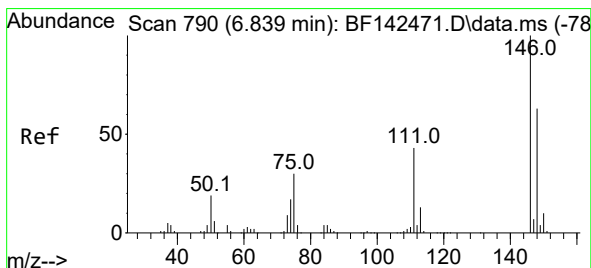
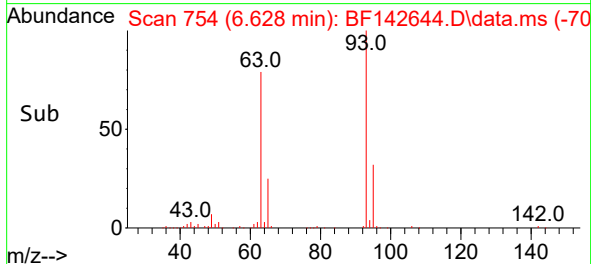
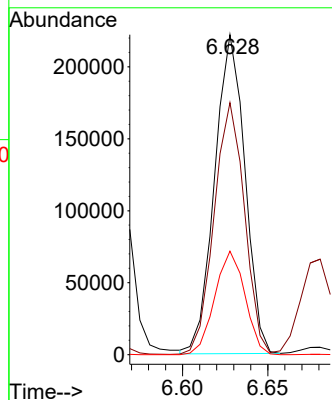
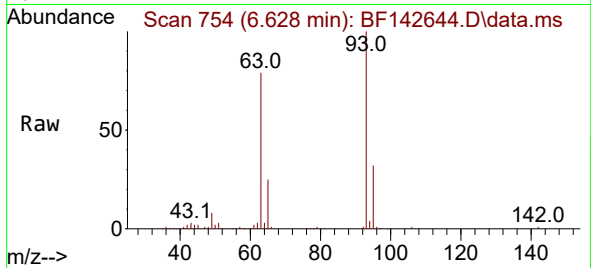




#11
bis(2-Chloroethyl)ether
Concen: 40.399 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

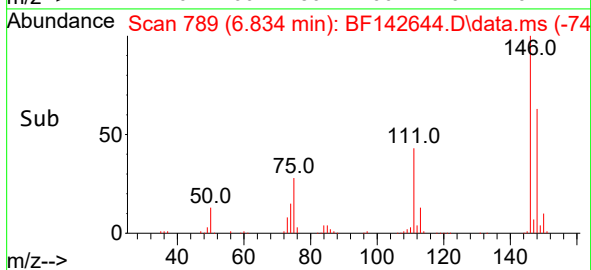
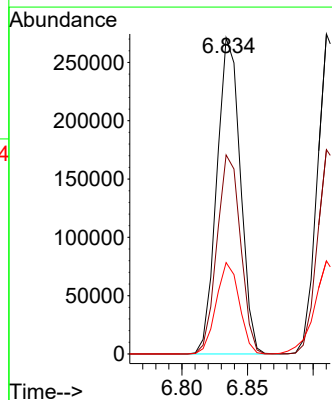
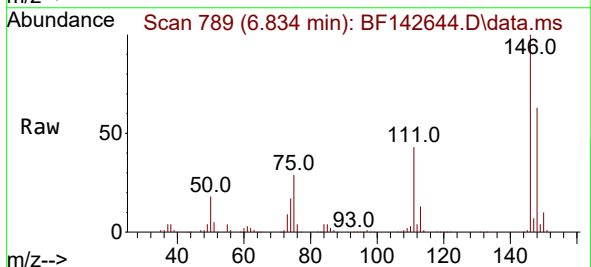
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

Tgt Ion: 93 Resp: 274849
Ion Ratio Lower Upper
93 100
63 78.7 60.2 100.2
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.804 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion: 146 Resp: 337570
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
75 28.9 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 40.123 ng

RT: 6.910 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF142644.D

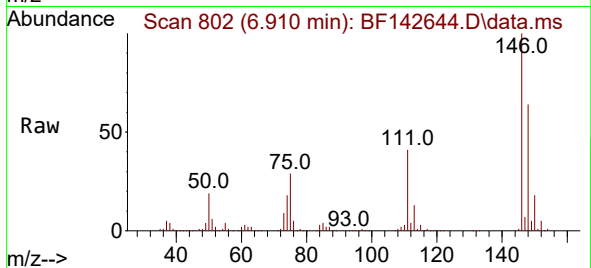
Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS



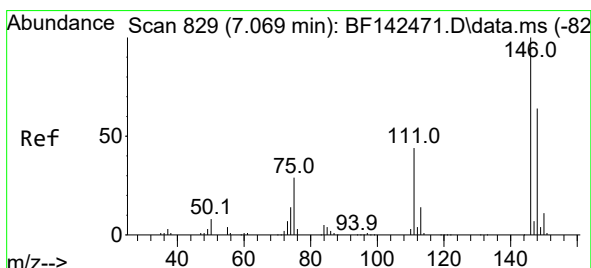
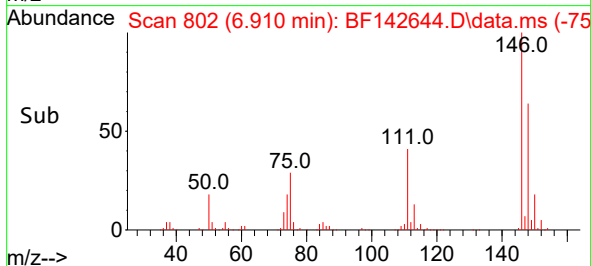
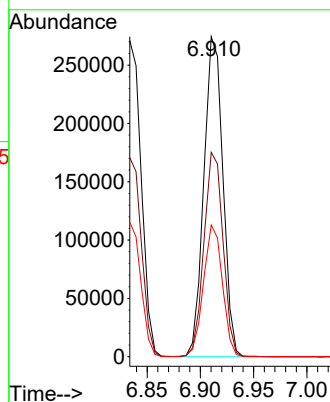
Tgt Ion:146 Resp: 342765

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 41.1 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 39.975 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

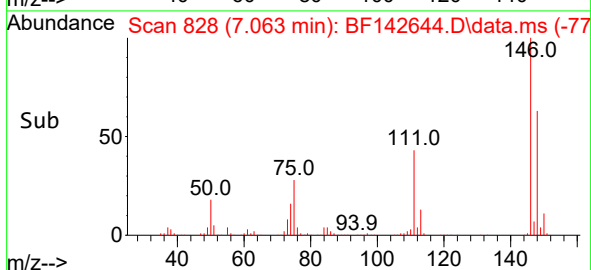
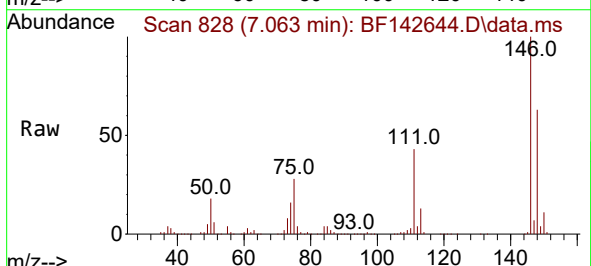
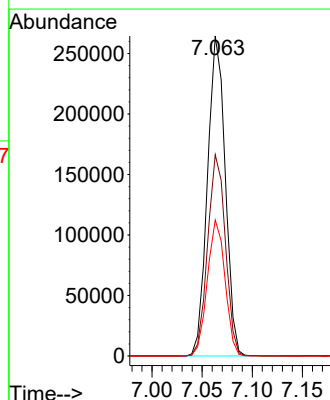
Tgt Ion:146 Resp: 326772

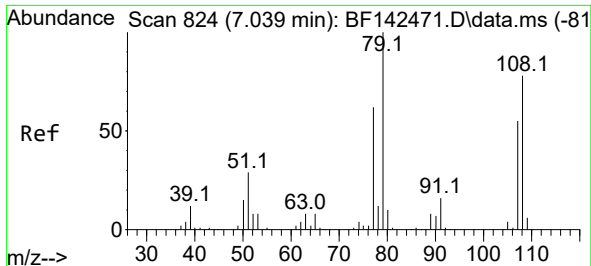
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

111 42.5 35.0 52.6





#15

Benzyl Alcohol

Concen: 38.196 ng

RT: 7.034 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

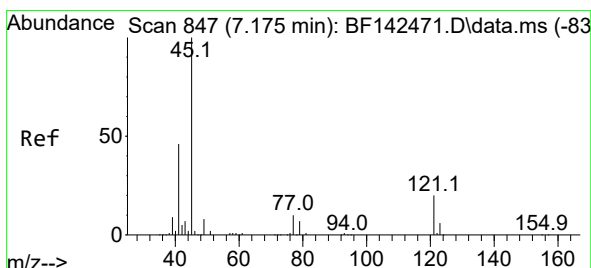
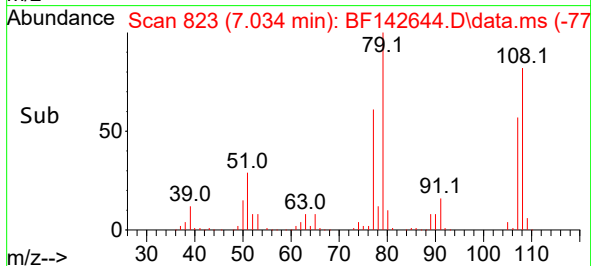
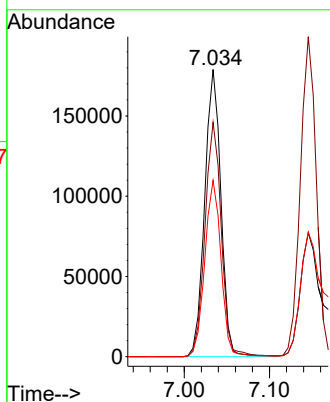
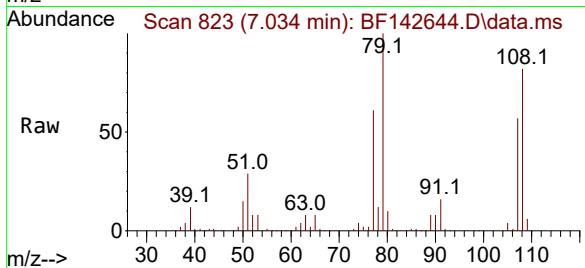
Tgt Ion: 79 Resp: 237091

Ion Ratio Lower Upper

79 100

108 81.6 62.1 93.1

77 61.4 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.528 ng

RT: 7.169 min Scan# 846

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

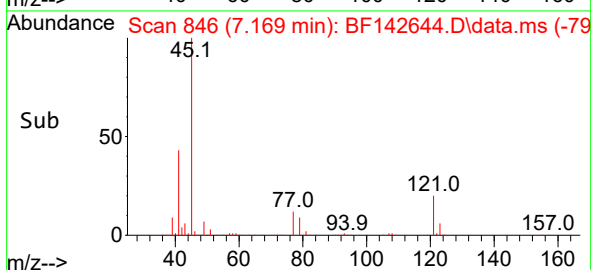
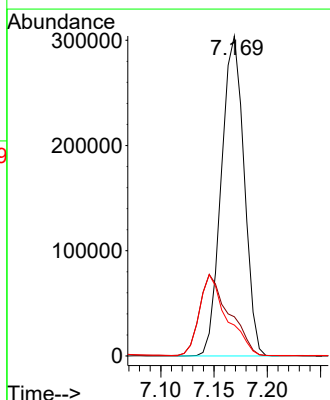
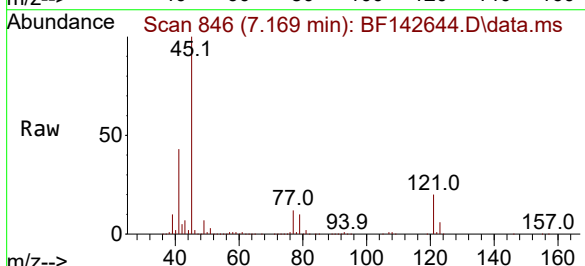
Tgt Ion: 45 Resp: 451619

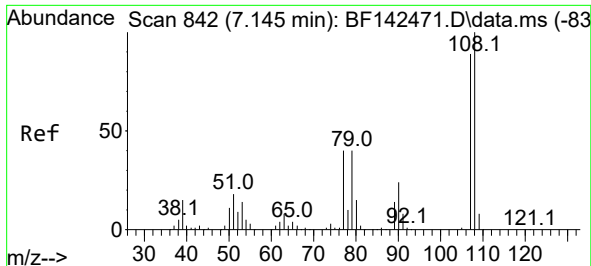
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.0

79 9.7 0.0 29.2

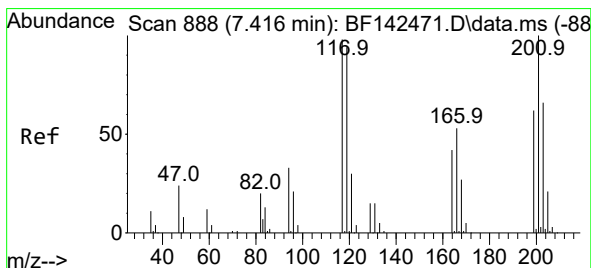
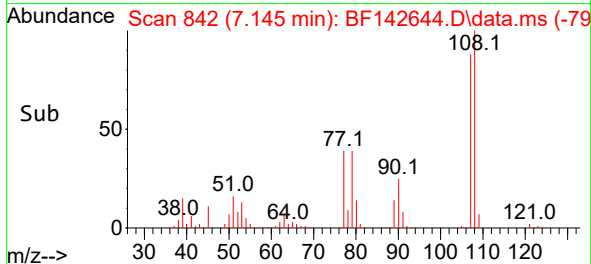
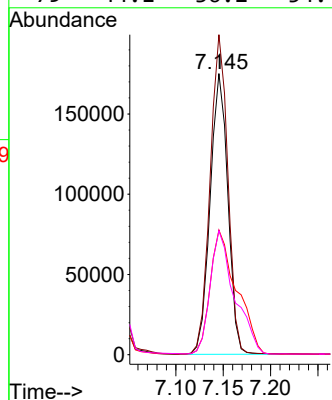
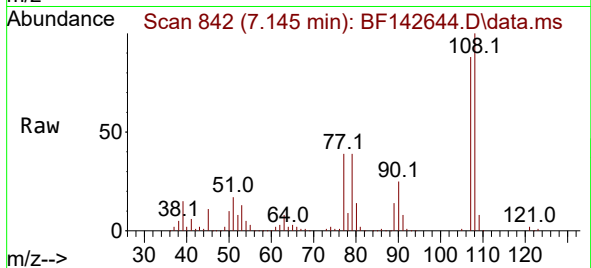




#17
2-Methylphenol
Concen: 38.382 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

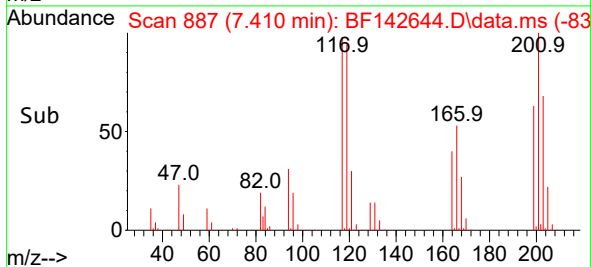
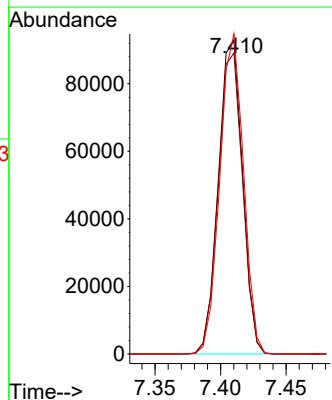
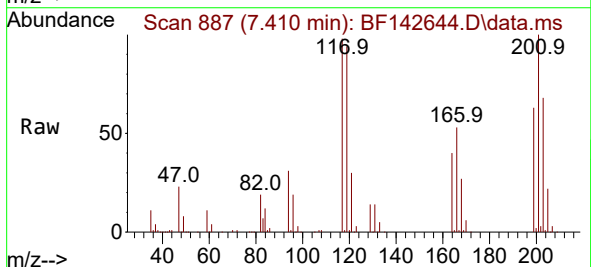
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

Tgt Ion:107 Resp: 227757
Ion Ratio Lower Upper
107 100
108 113.8 90.2 135.2
77 44.3 36.1 54.1
79 44.1 36.2 54.4



#18
Hexachloroethane
Concen: 39.886 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:117 Resp: 118979
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 102.1 81.3 121.9

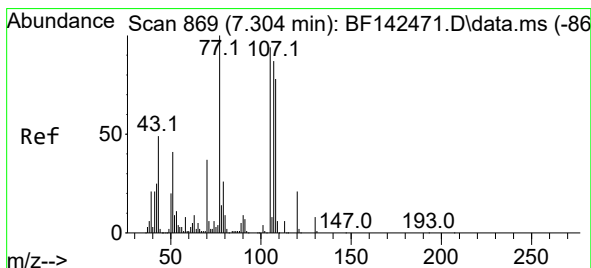
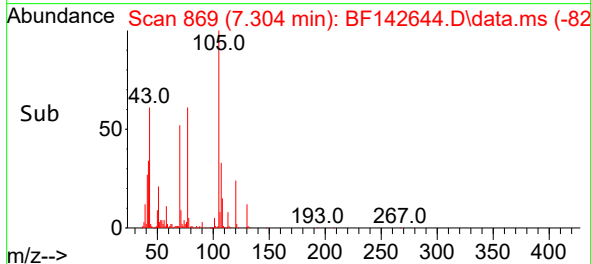
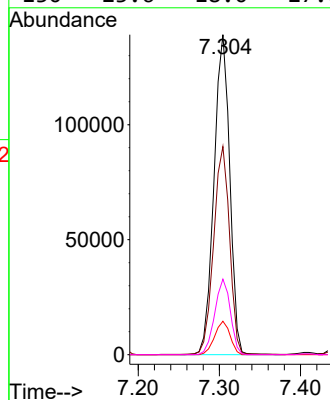
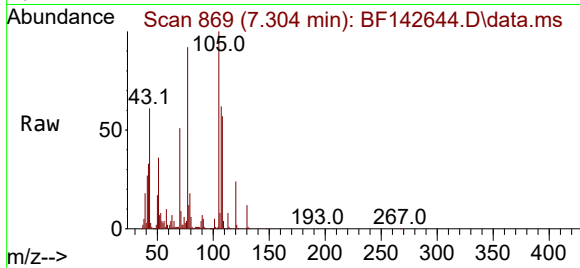




#19
n-Nitroso-di-n-propylamine
Concen: 36.072 ng
RT: 7.304 min Scan# 810
Delta R.T. -0.023 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

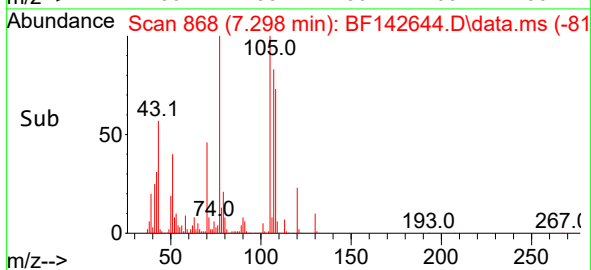
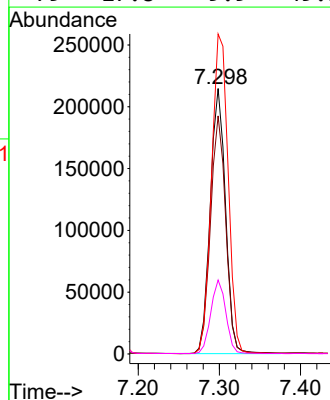
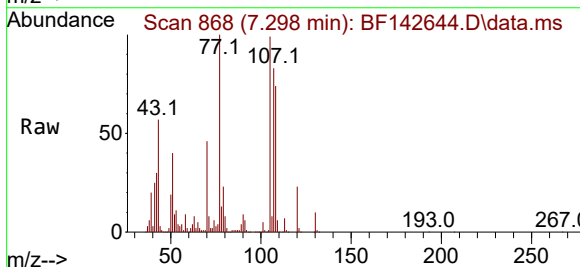
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

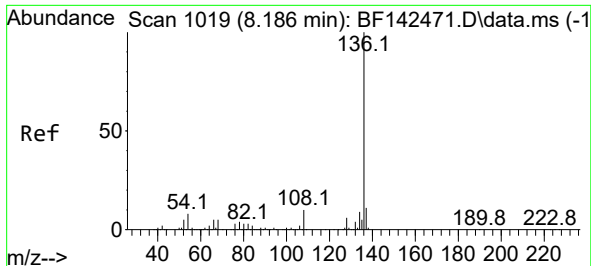
Tgt Ion: 70 Resp: 187779
Ion Ratio Lower Upper
70 100
42 65.0 52.4 78.6
101 10.5 7.8 11.8
130 23.6 18.0 27.0



#20
3+4-Methylphenols
Concen: 36.829 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion: 107 Resp: 279861
Ion Ratio Lower Upper
107 100
108 89.7 70.4 110.4
77 120.5 95.4 135.4
79 27.8 9.9 49.9

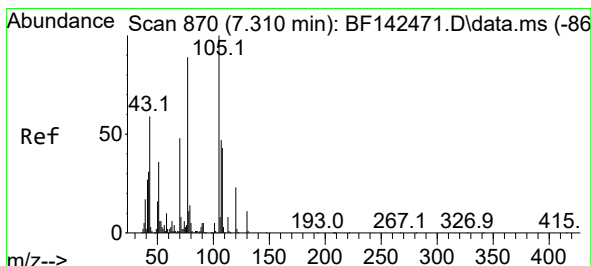
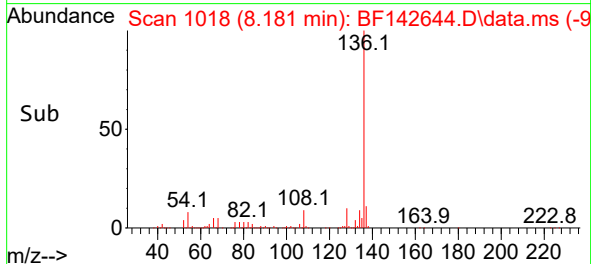
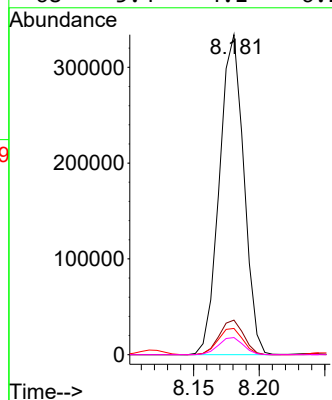
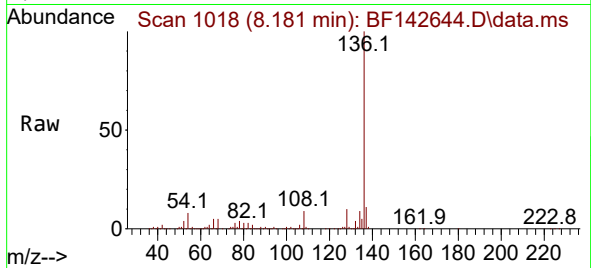




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

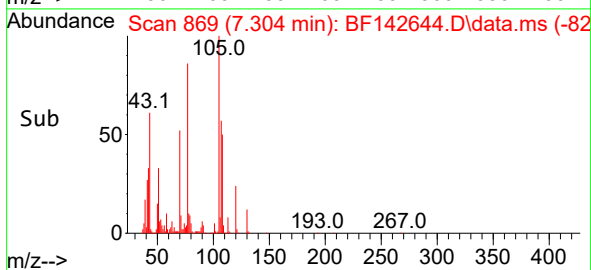
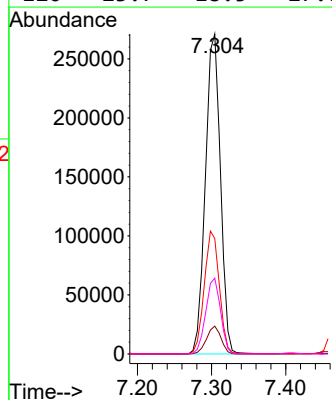
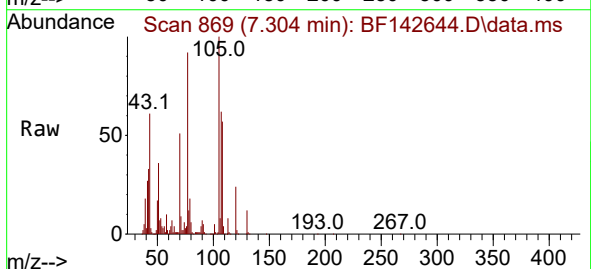
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

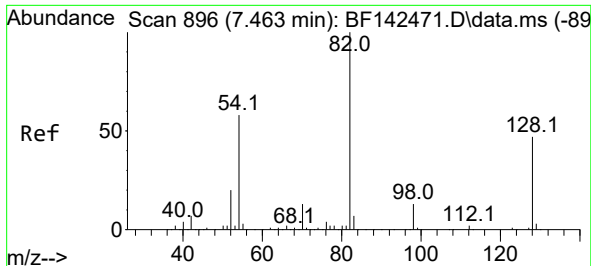
Tgt Ion:136 Resp: 431241
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 6.6 10.0
68 5.4 4.1 6.1



#22
Acetophenone
Concen: 40.038 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:105 Resp: 382211
Ion Ratio Lower Upper
105 100
71 8.7 6.4 9.6
51 36.1 28.6 42.8
120 23.7 18.5 27.7





#23

Nitrobenzene-d5

Concen: 40.859 ng

RT: 7.457 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

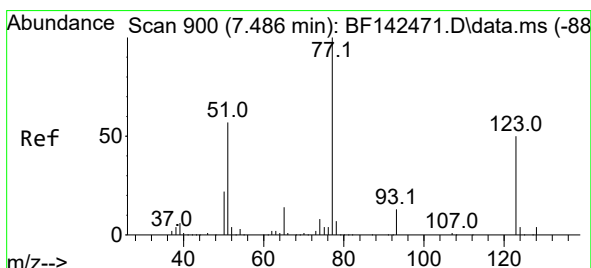
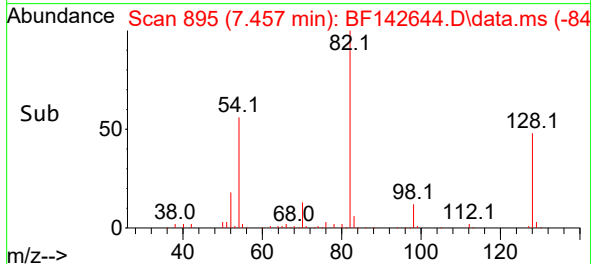
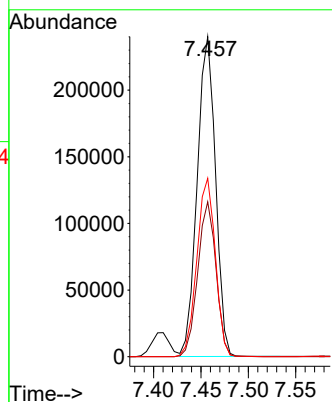
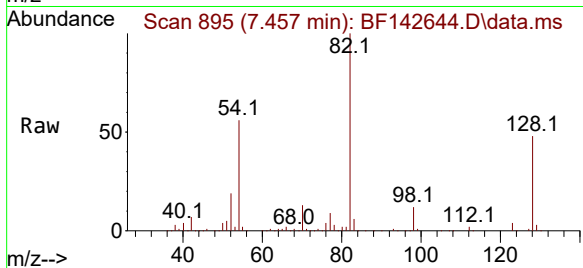
Tgt Ion: 82 Resp: 323135

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.2

54 55.8 46.6 70.0



#24

Nitrobenzene

Concen: 40.261 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.017 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

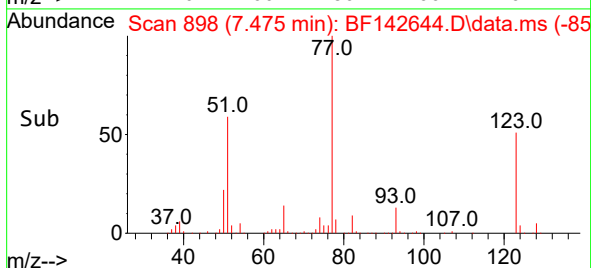
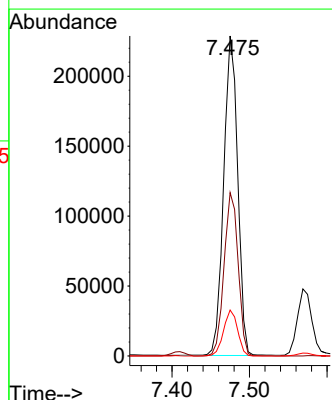
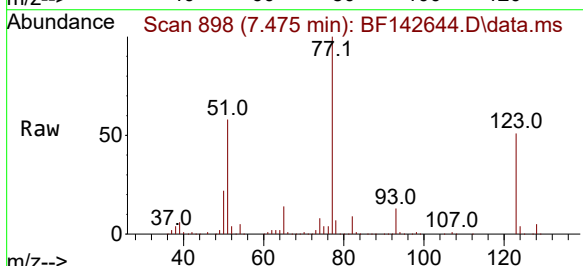
Tgt Ion: 77 Resp: 287172

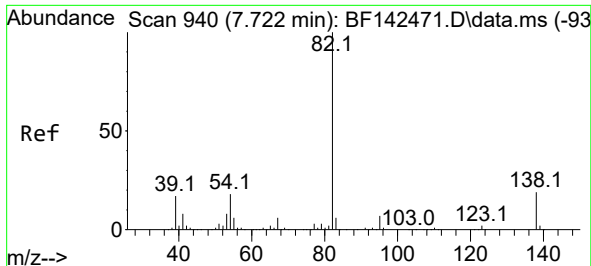
Ion Ratio Lower Upper

77 100

123 51.1 40.6 61.0

65 14.4 11.4 17.2

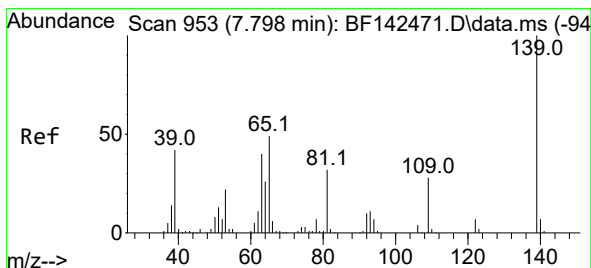
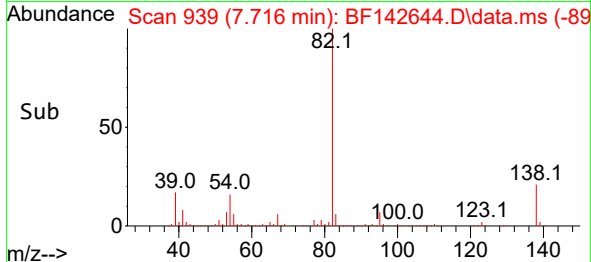
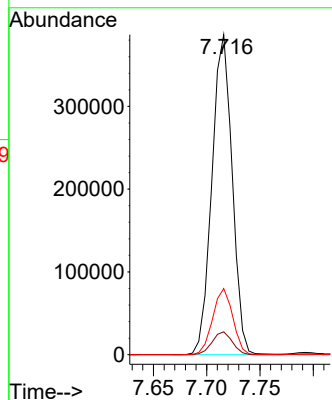
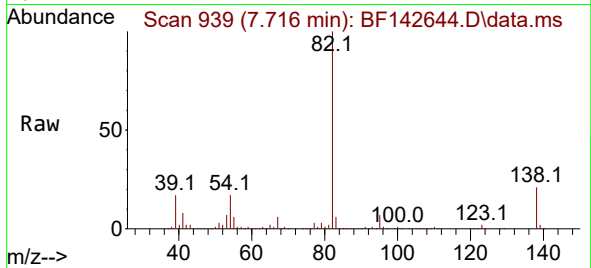




#25
Isophorone
Concen: 38.677 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

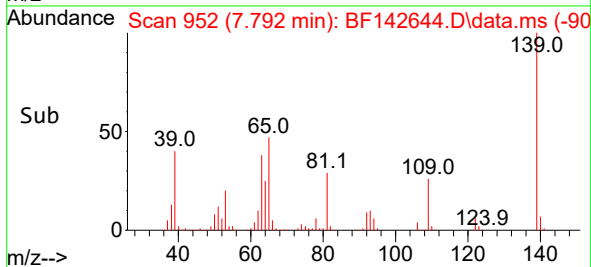
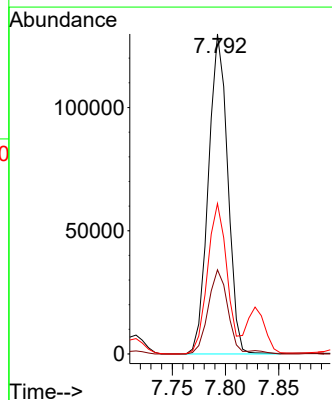
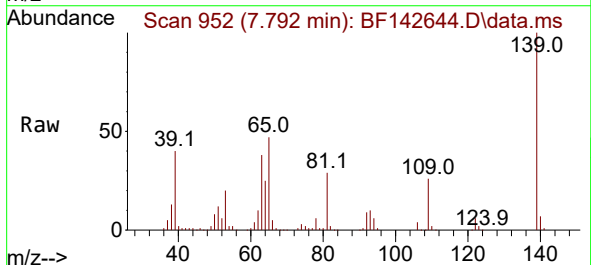
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

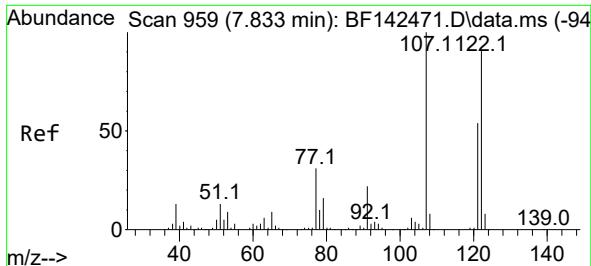
Tgt Ion: 82 Resp: 511402
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 20.6 15.5 23.3



#26
2-Nitrophenol
Concen: 42.942 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:139 Resp: 163664
Ion Ratio Lower Upper
139 100
109 26.3 22.6 33.8
65 47.0 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 39.757 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

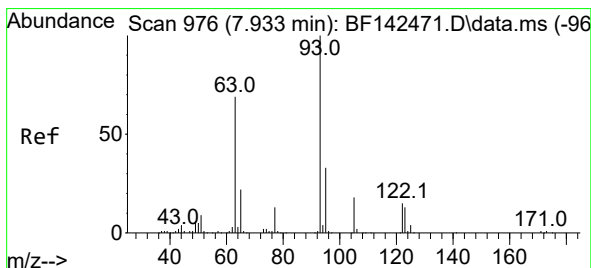
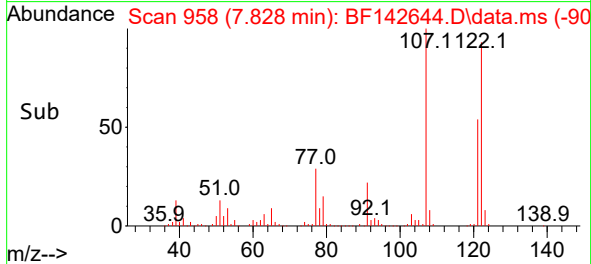
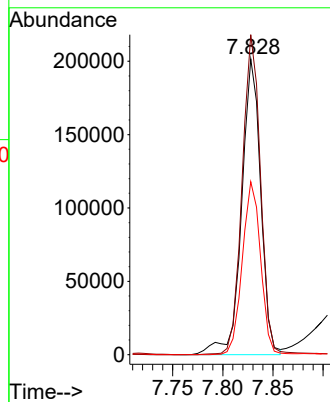
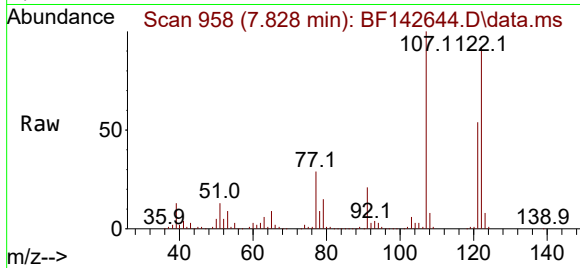
Tgt Ion:122 Resp: 267216

Ion Ratio Lower Upper

122 100

107 108.2 88.1 132.1

121 58.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 39.420 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.017 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

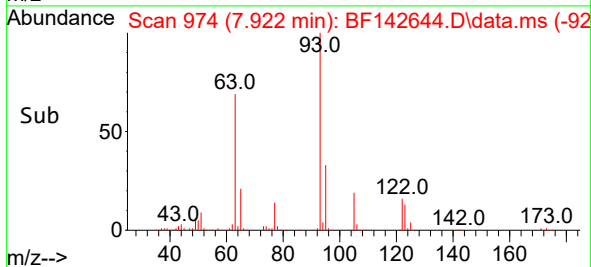
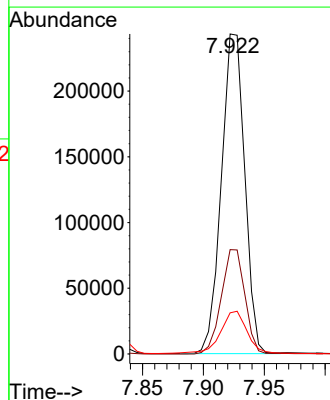
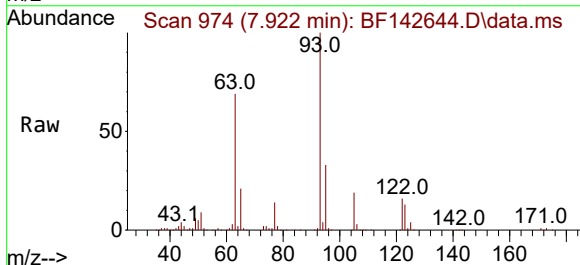
Tgt Ion: 93 Resp: 325604

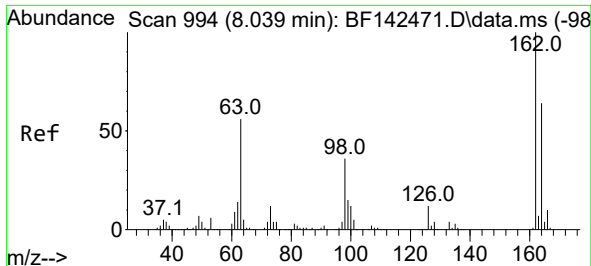
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.9 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 39.743 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

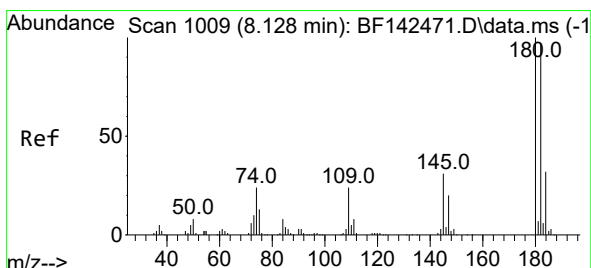
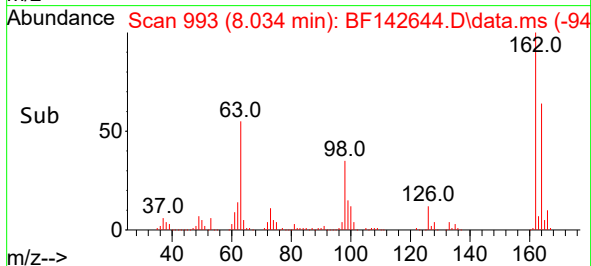
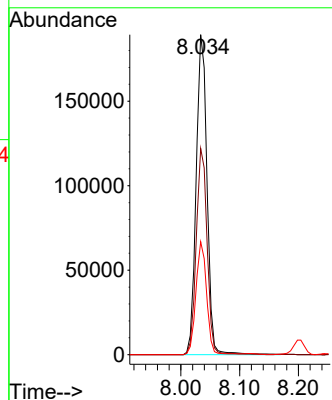
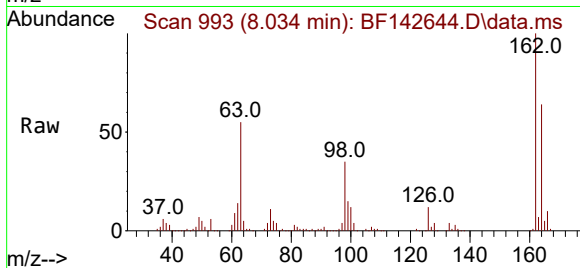
Tgt Ion:162 Resp: 242924

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 35.3 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.062 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

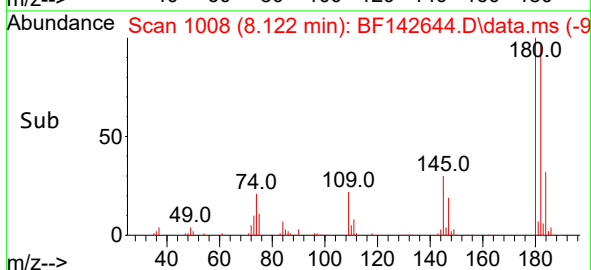
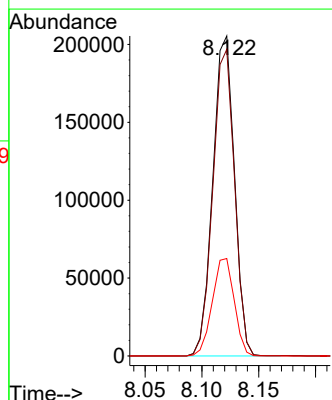
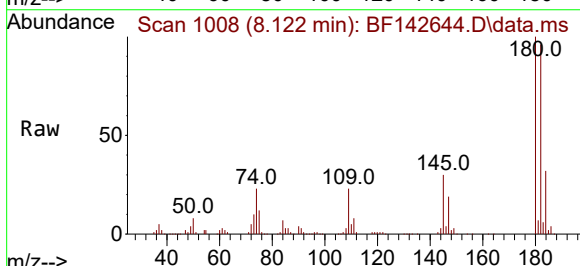
Tgt Ion:180 Resp: 272393

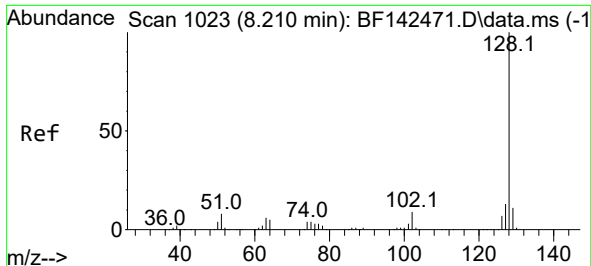
Ion Ratio Lower Upper

180 100

182 95.8 78.0 117.0

145 30.5 25.0 37.6

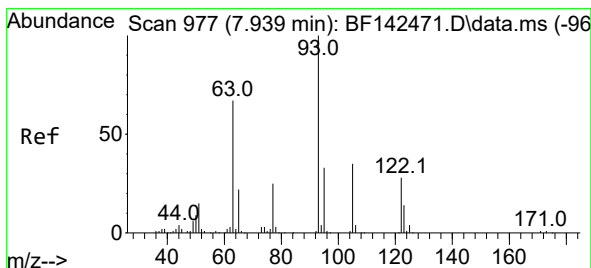
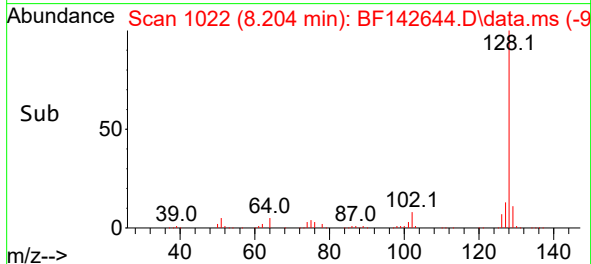
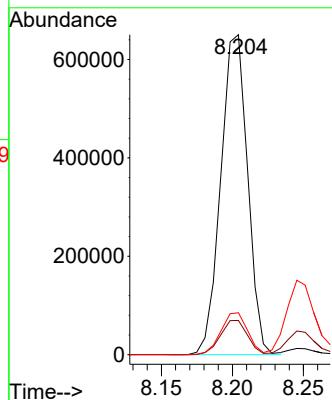
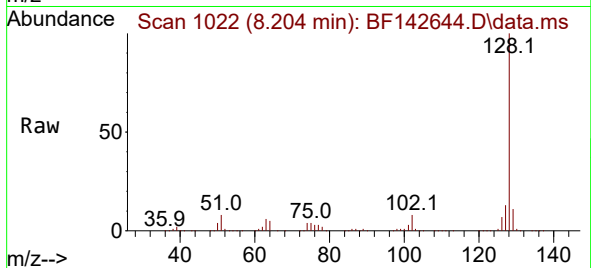




#31
Naphthalene
Concen: 40.369 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

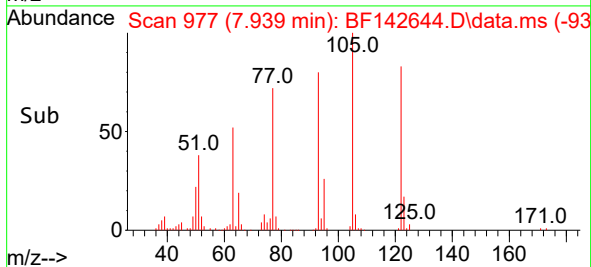
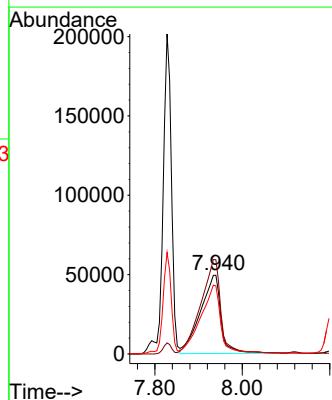
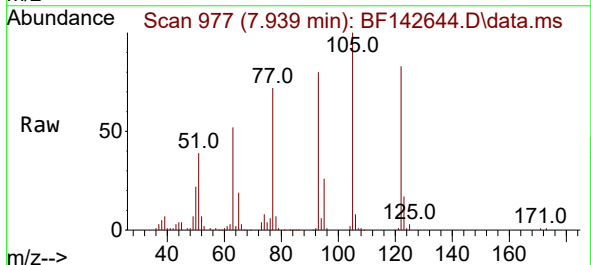
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

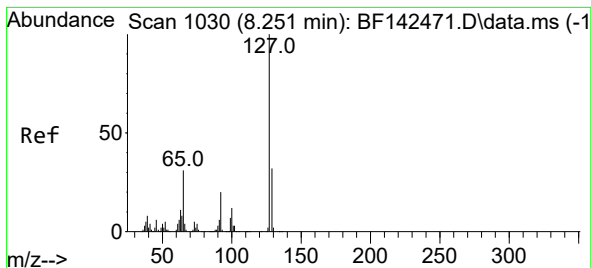
Tgt Ion:128 Resp: 857196
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 39.459 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.035 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:122 Resp: 161443
Ion Ratio Lower Upper
122 100
105 119.8 101.7 141.7
77 86.6 69.5 109.5





#33

4-Chloroaniline

Concen: 25.972 ng

RT: 8.245 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

Tgt Ion:127 Resp: 223466

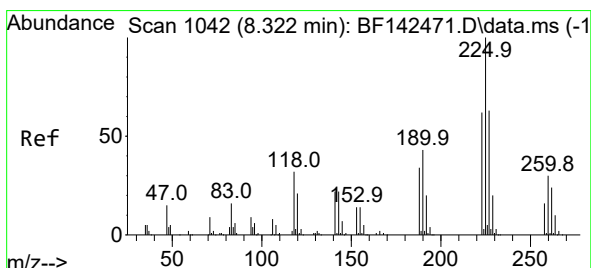
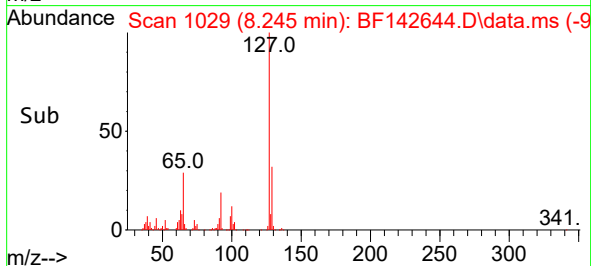
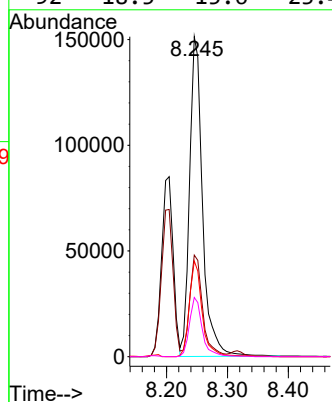
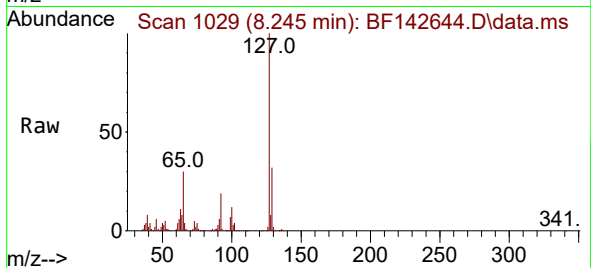
Ion Ratio Lower Upper

127 100

129 31.7 26.1 39.1

65 29.9 24.9 37.3

92 18.5 15.6 23.4



#34

Hexachlorobutadiene

Concen: 39.922 ng

RT: 8.316 min Scan# 1041

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

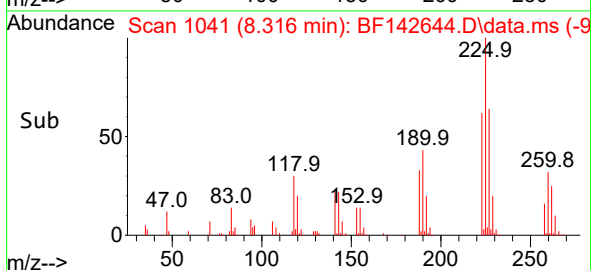
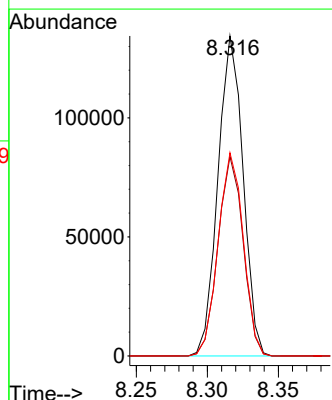
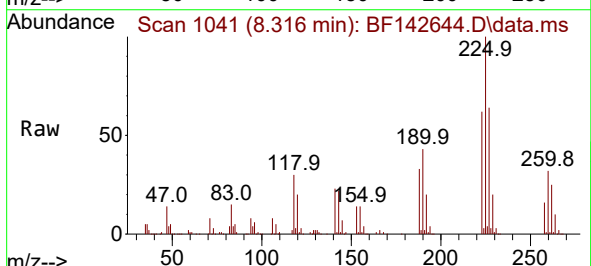
Tgt Ion:225 Resp: 165358

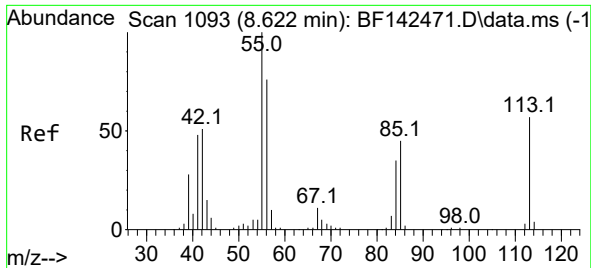
Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

227 63.5 50.3 75.5

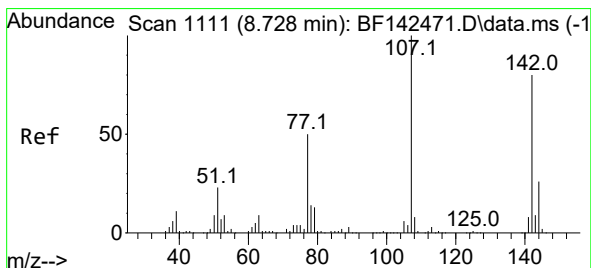
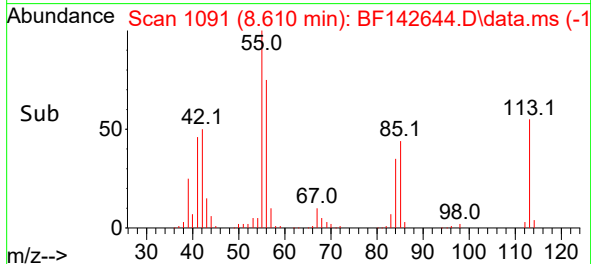
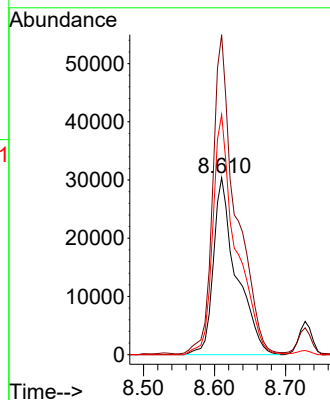
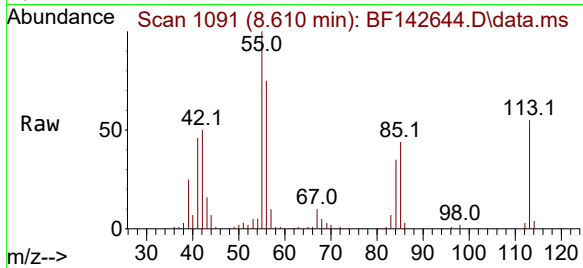




#35
 Caprolactam
 Concen: 39.700 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. -0.035 min
 Lab File: BF142644.D
 Acq: 06 Jun 2025 13:54

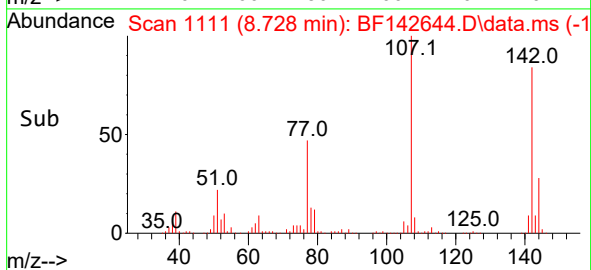
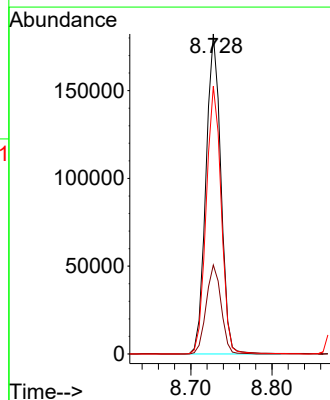
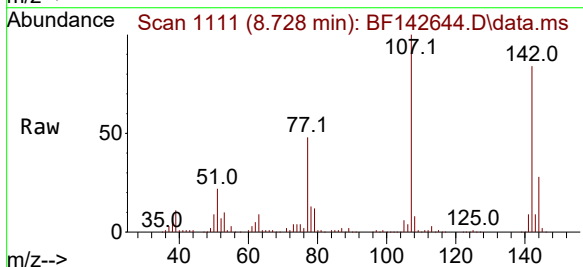
Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-05MS

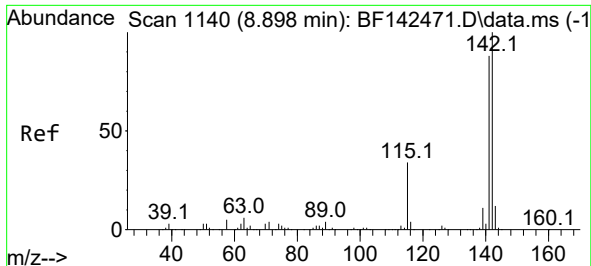
Tgt Ion:113 Resp: 68154
 Ion Ratio Lower Upper
 113 100
 55 180.9 154.7 194.7
 56 135.7 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 37.037 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142644.D
 Acq: 06 Jun 2025 13:54

Tgt Ion:107 Resp: 232008
 Ion Ratio Lower Upper
 107 100
 144 27.8 20.9 31.3
 142 83.7 64.2 96.2

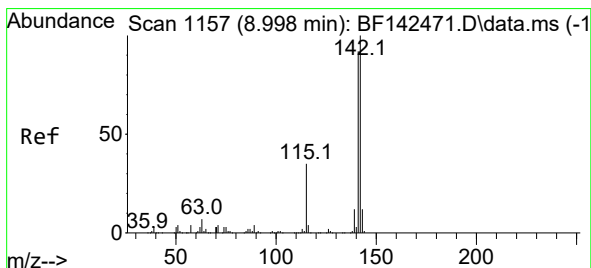
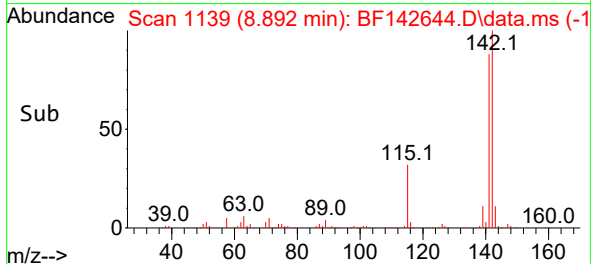
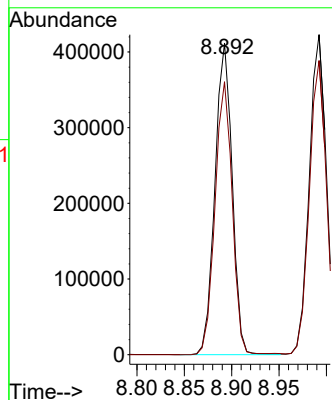
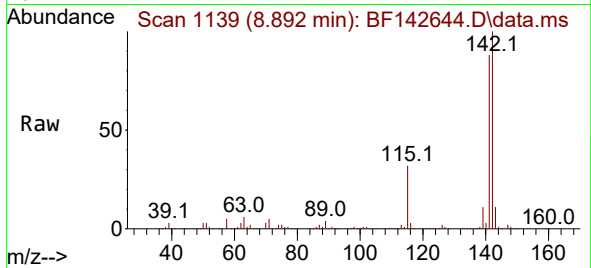




#37
2-Methylnaphthalene
Concen: 38.933 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

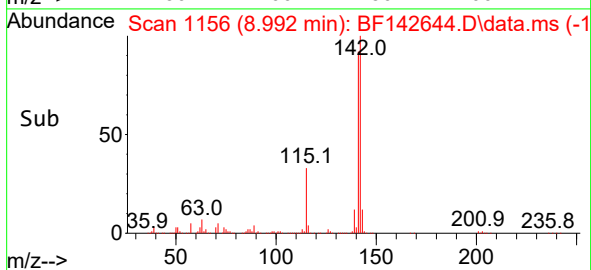
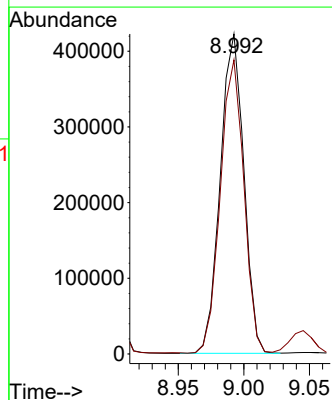
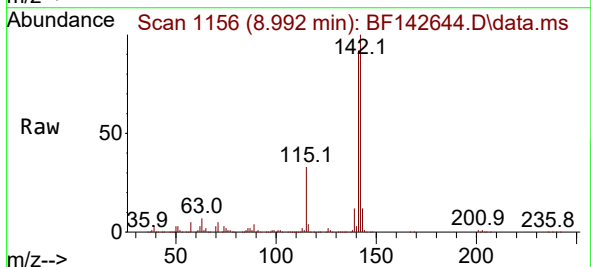
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

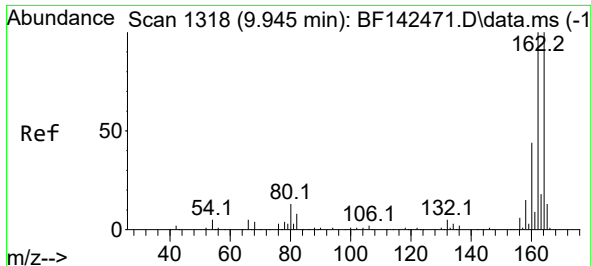
Tgt Ion:142 Resp: 520098
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1



#38
1-Methylnaphthalene
Concen: 38.135 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:142 Resp: 526947
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

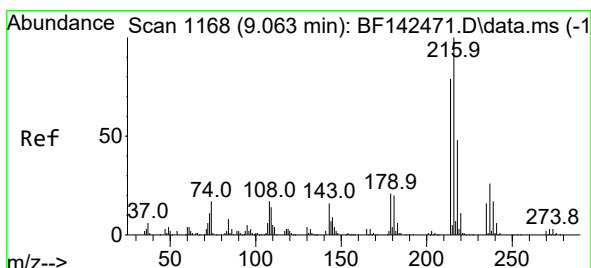
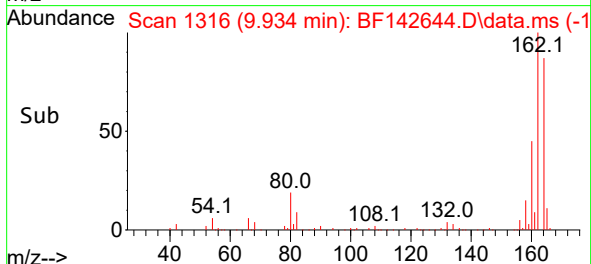
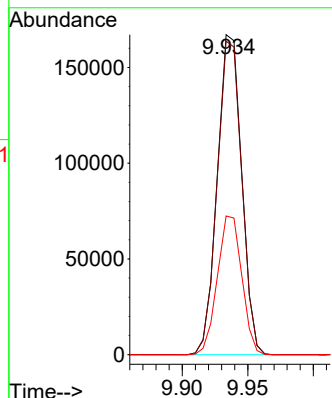
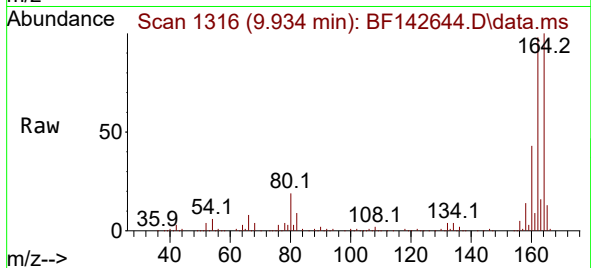
Tgt Ion:164 Resp: 216176

Ion Ratio Lower Upper

164 100

162 98.0 80.2 120.4

160 43.4 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.834 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Tgt Ion:216 Resp: 265808

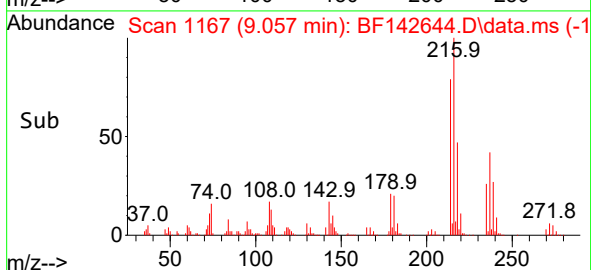
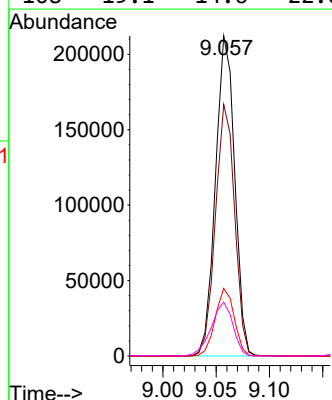
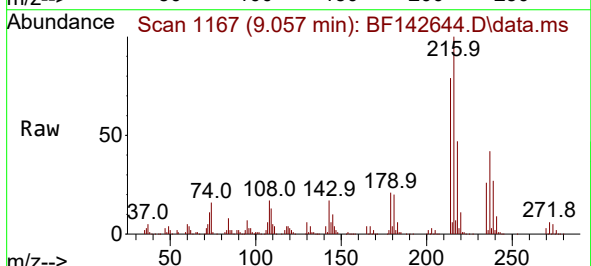
Ion Ratio Lower Upper

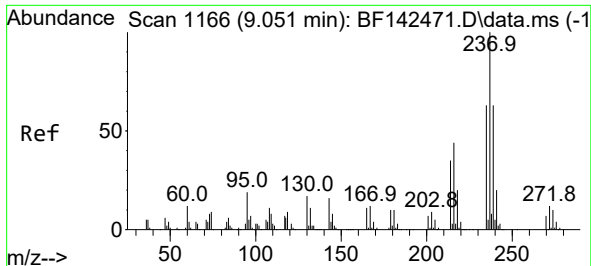
216 100

214 78.5 62.9 94.3

179 20.8 16.9 25.3

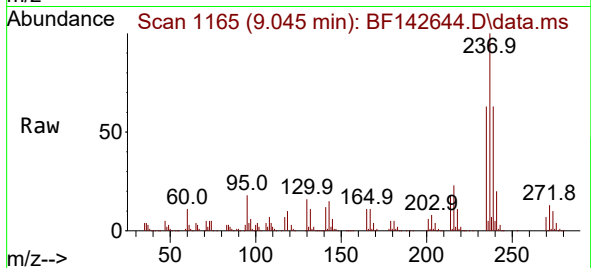
108 19.1 14.6 22.0



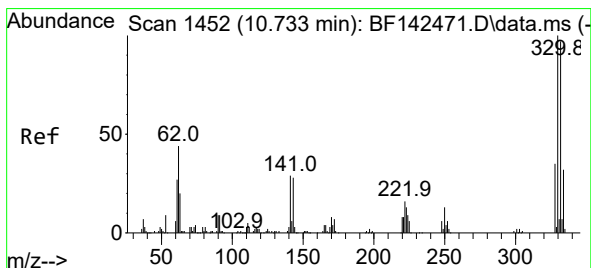
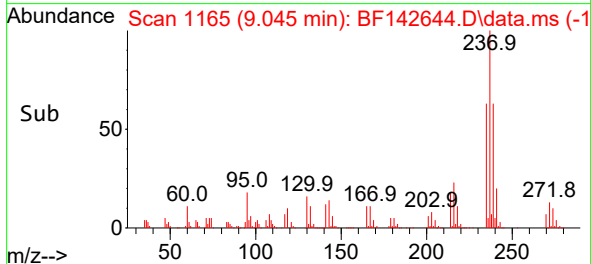
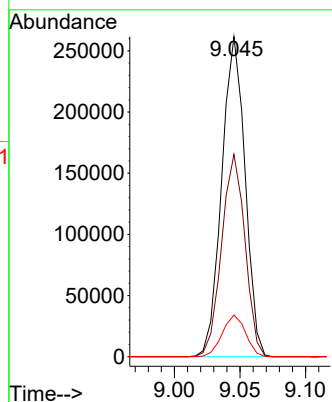


#41
Hexachlorocyclopentadiene
Concen: 77.174 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

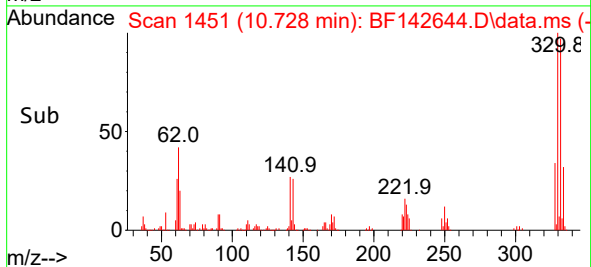
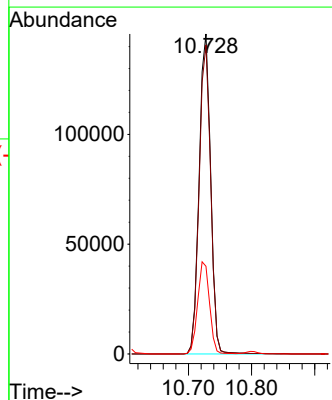
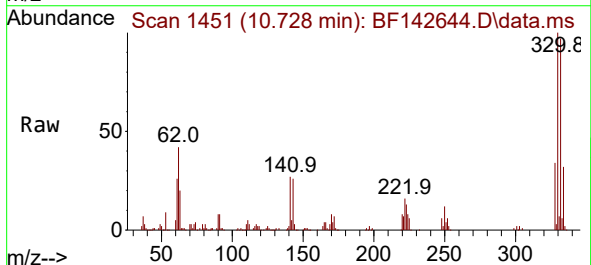


Tgt Ion:237 Resp: 323061
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 13.0 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 76.749 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:330 Resp: 184142
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 29.7 24.6 36.8

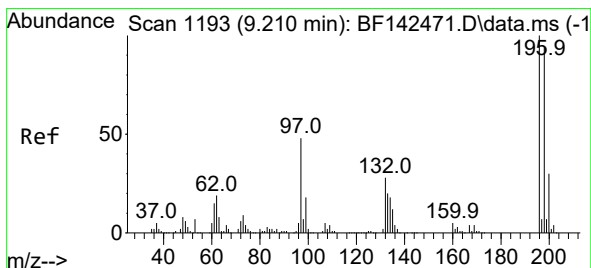
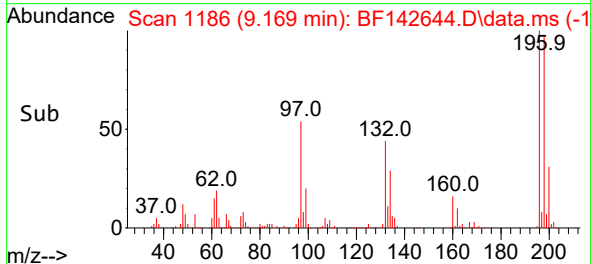
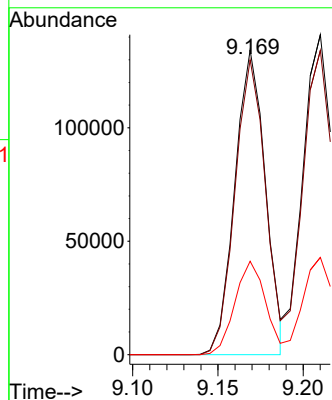
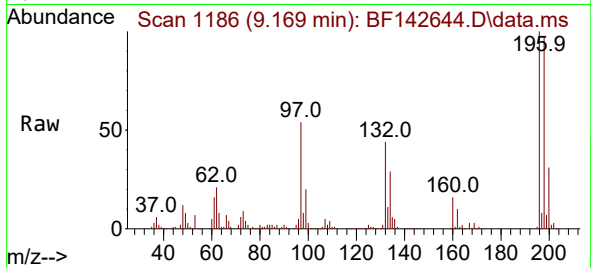




#43
2,4,6-Trichlorophenol
Concen: 39.910 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

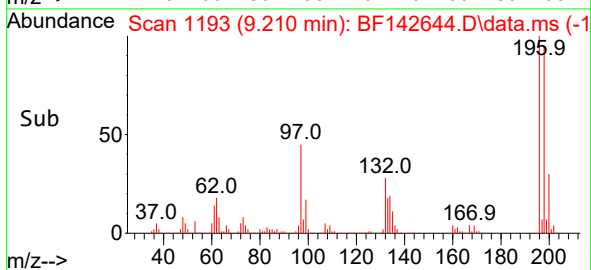
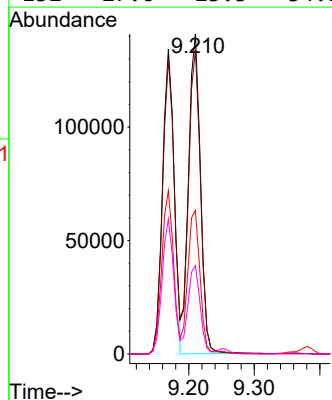
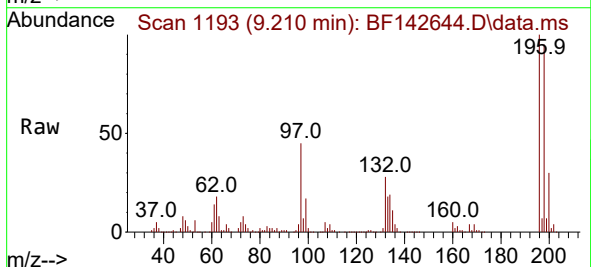
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

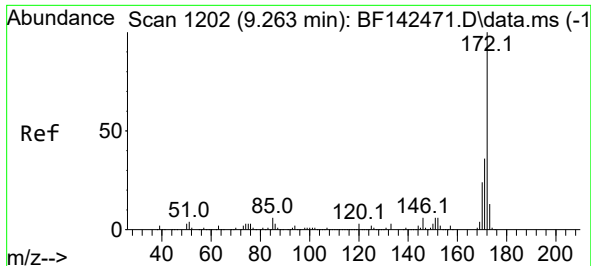
Tgt Ion:196 Resp: 167004
Ion Ratio Lower Upper
196 100
198 96.8 78.8 118.2
200 30.7 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 40.510 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:196 Resp: 178778
Ion Ratio Lower Upper
196 100
198 95.1 75.5 113.3
97 44.9 39.3 58.9
132 27.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 36.198 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

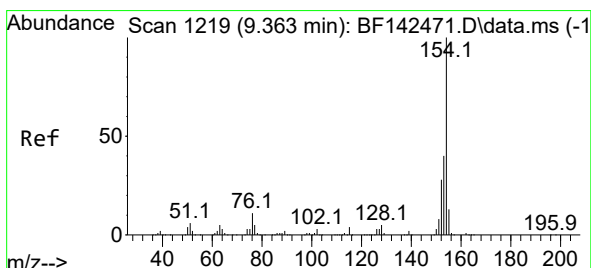
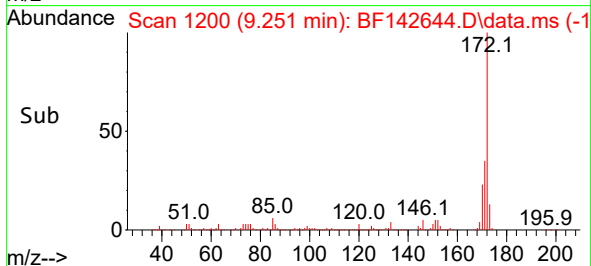
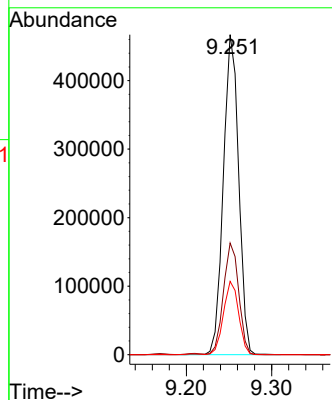
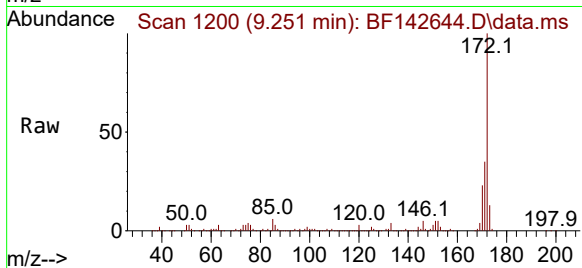
Tgt Ion:172 Resp: 583157

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 22.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.303 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

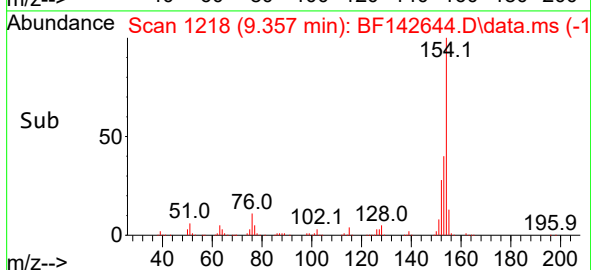
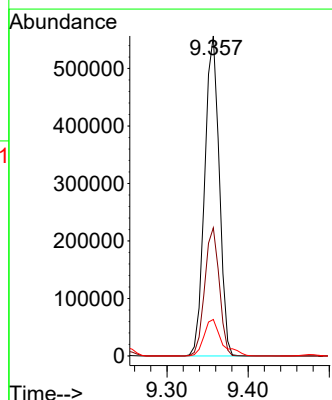
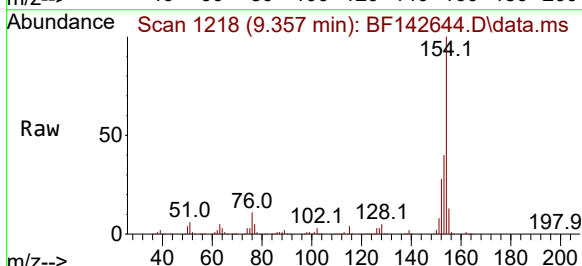
Tgt Ion:154 Resp: 692707

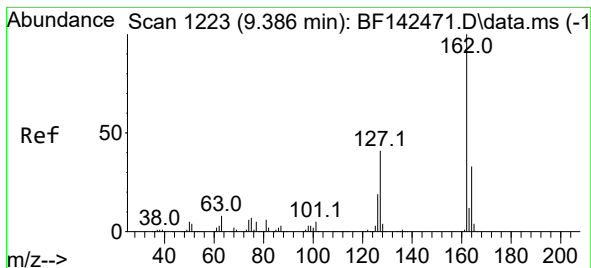
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 11.4 0.0 30.8





#47

2-Chloronaphthalene

Concen: 41.205 ng

RT: 9.381 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

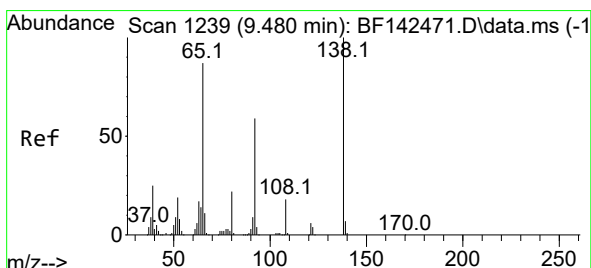
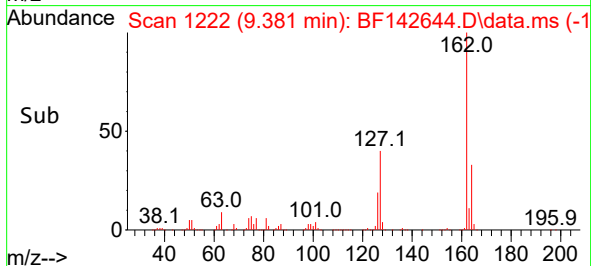
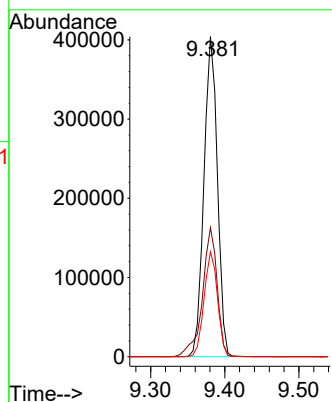
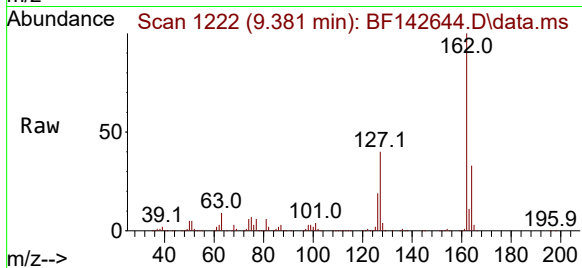
Tgt Ion:162 Resp: 510578

Ion Ratio Lower Upper

162 100

127 40.4 33.5 50.3

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 40.394 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

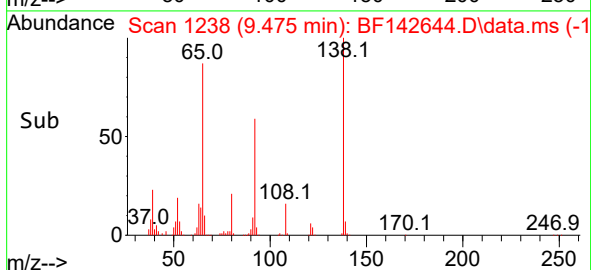
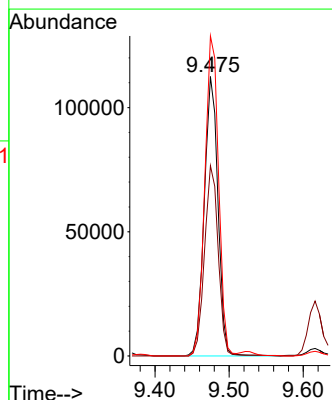
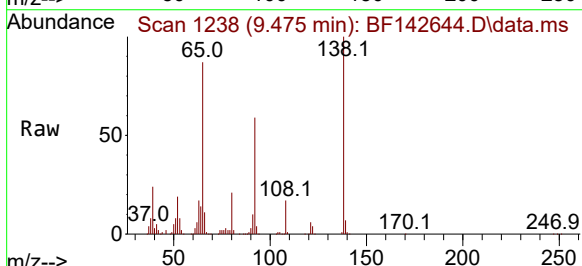
Tgt Ion: 65 Resp: 144676

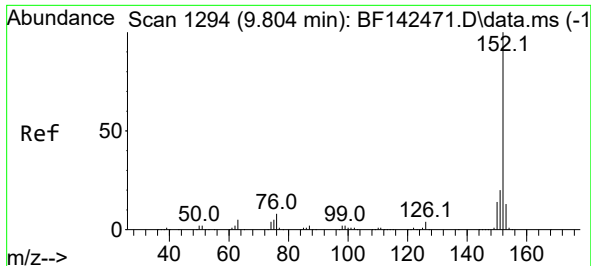
Ion Ratio Lower Upper

65 100

92 68.1 54.4 81.6

138 114.5 91.4 137.2

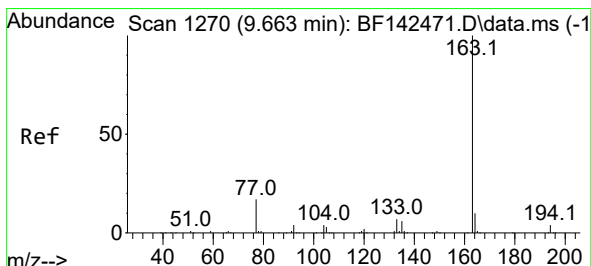
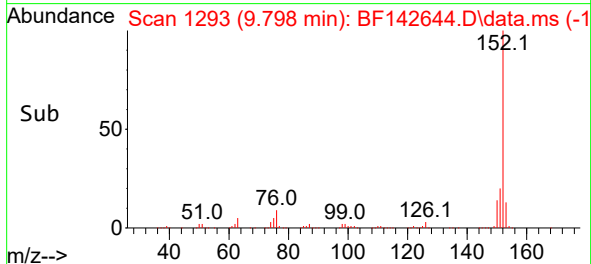
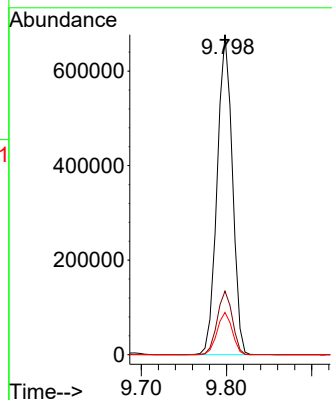
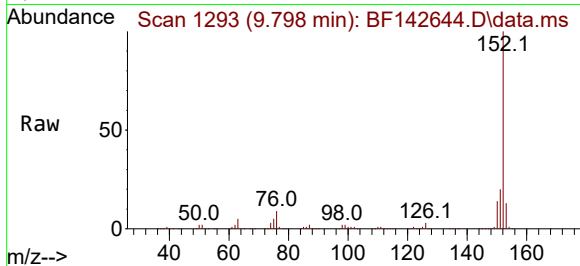




#49
Acenaphthylene
Concen: 40.286 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

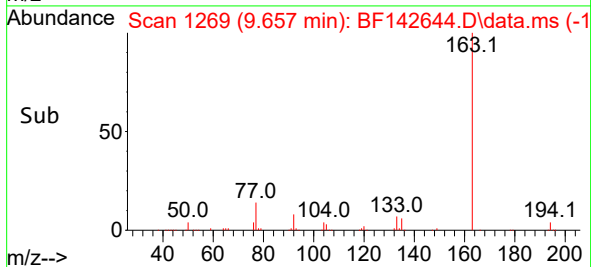
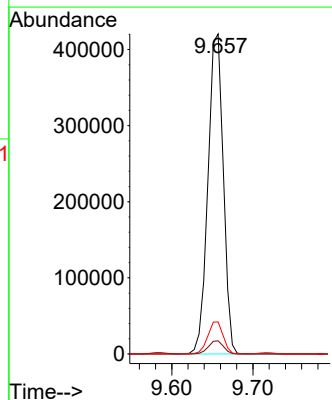
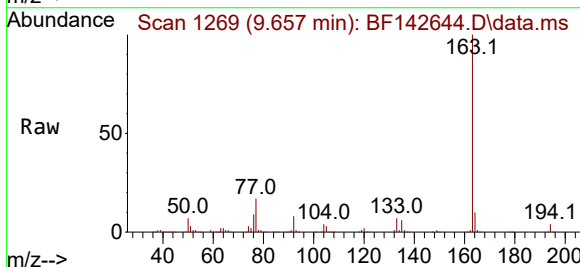
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

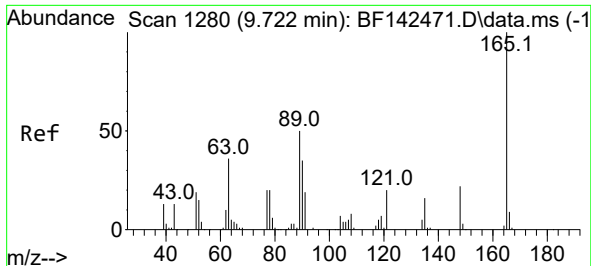
Tgt Ion:152 Resp: 842923
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 38.646 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:163 Resp: 551253
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.4

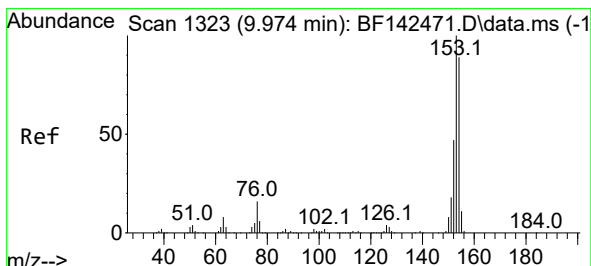
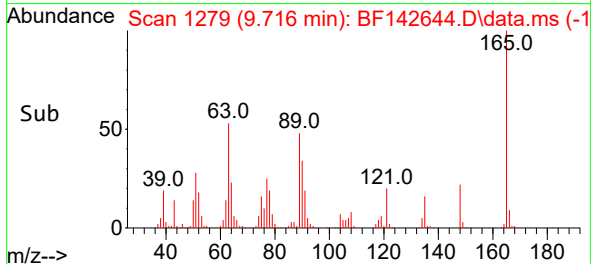
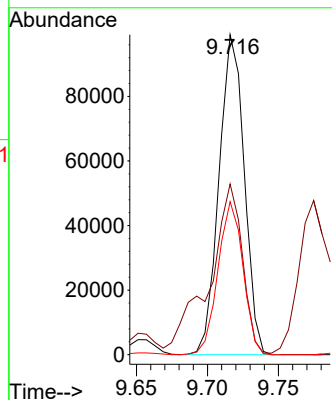
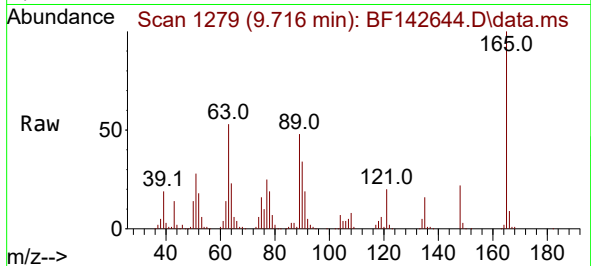




#51
2,6-Dinitrotoluene
Concen: 39.777 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

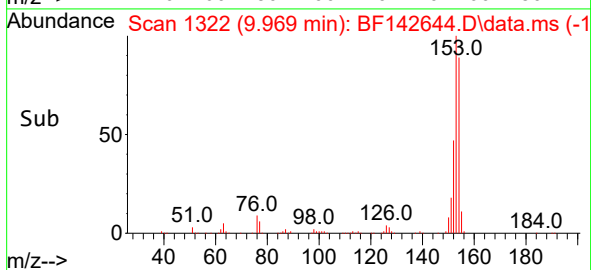
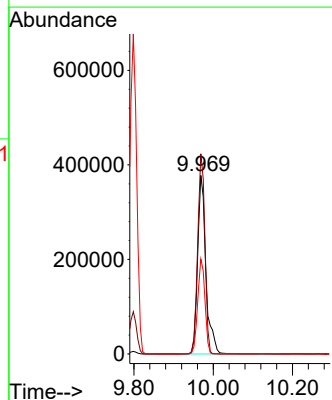
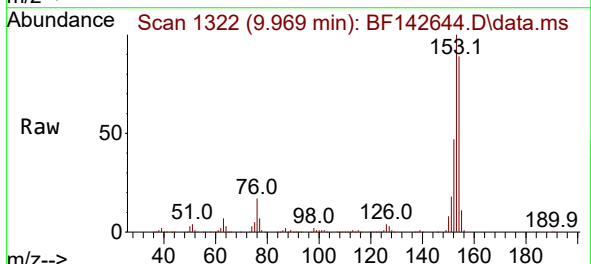
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

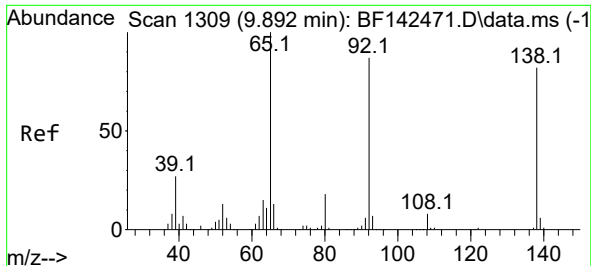
Tgt Ion:165 Resp: 122457
Ion Ratio Lower Upper
165 100
63 53.4 42.9 64.3
89 47.8 40.2 60.4



#52
Acenaphthene
Concen: 42.865 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:154 Resp: 547658
Ion Ratio Lower Upper
154 100
153 112.1 90.0 135.0
152 53.2 42.6 64.0

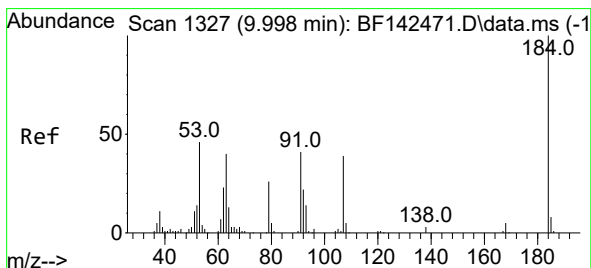
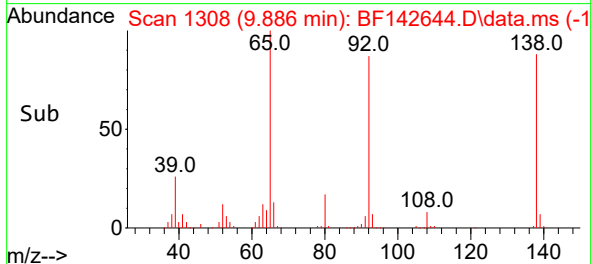
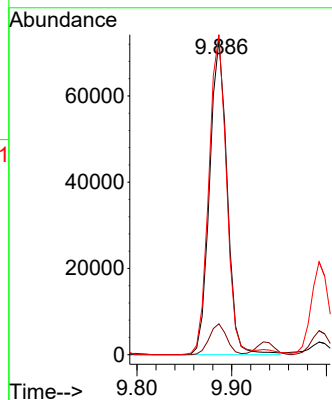
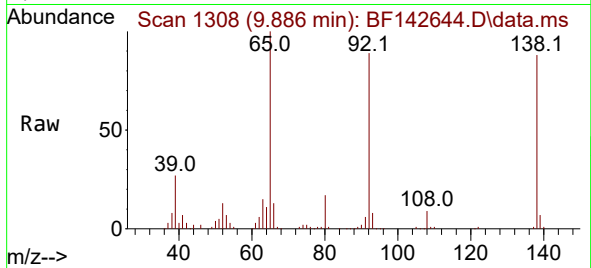




#53
3-Nitroaniline
Concen: 27.836 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

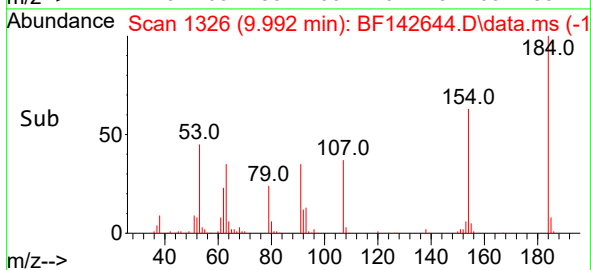
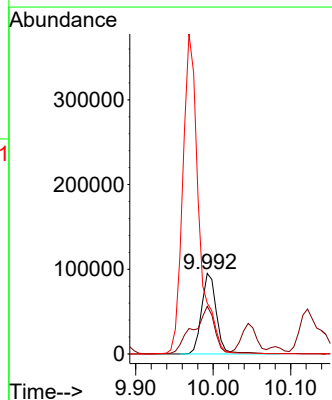
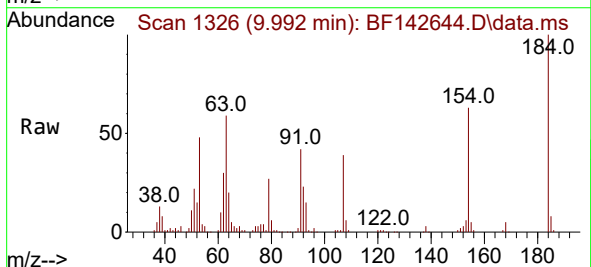
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

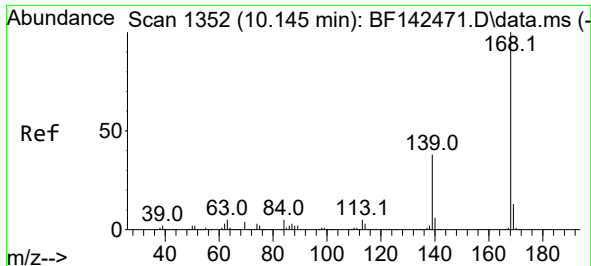
Tgt Ion:138 Resp: 93600
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 101.7 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 79.823 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:184 Resp: 126962
Ion Ratio Lower Upper
184 100
63 59.1 46.3 69.5
154 63.2 56.8 85.2

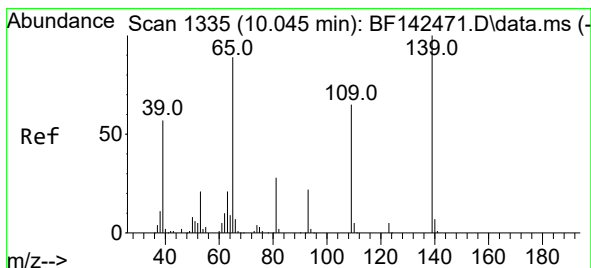
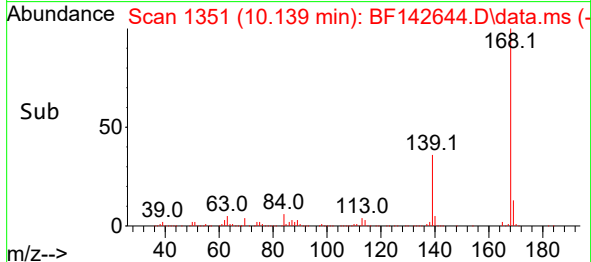
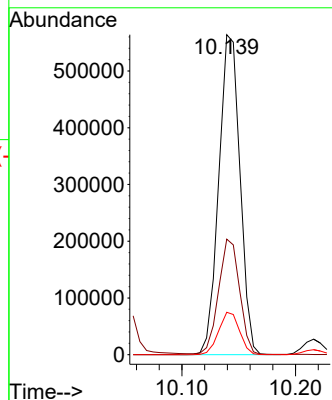
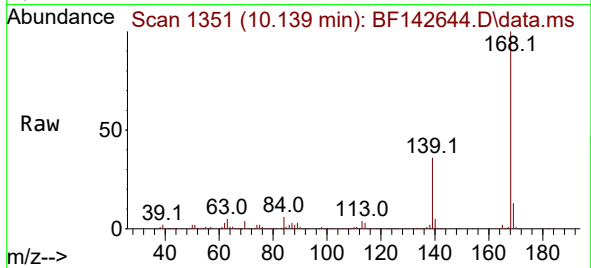




#55
Dibenzenofuran
Concen: 39.837 ng
RT: 10.139 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

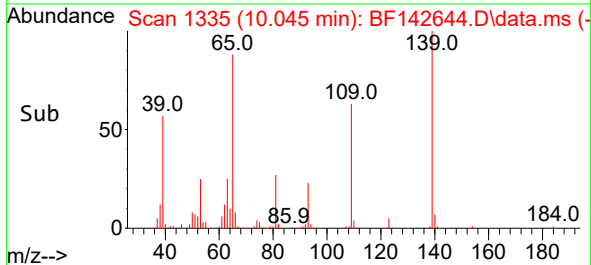
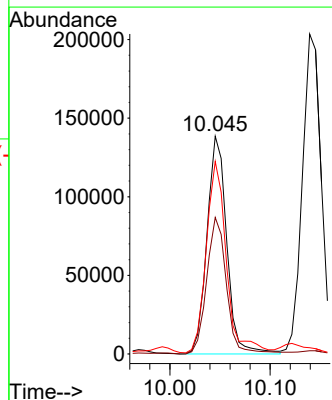
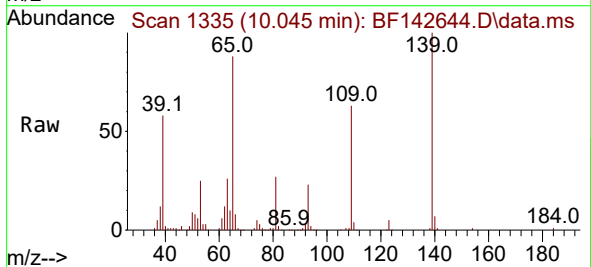
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

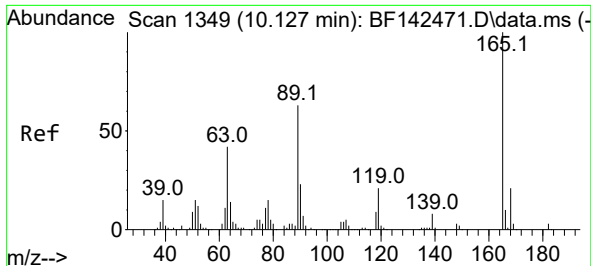
Tgt Ion:168 Resp: 732432
Ion Ratio Lower Upper
168 100
139 36.1 30.2 45.2
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 76.568 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

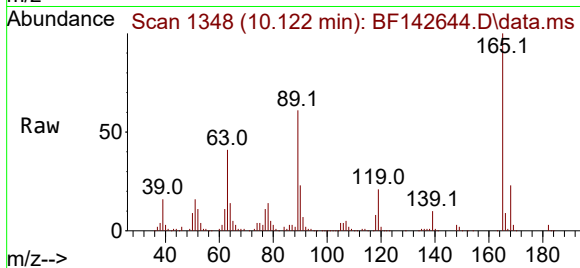
Tgt Ion:139 Resp: 189972
Ion Ratio Lower Upper
139 100
109 62.7 45.1 85.1
65 88.4 69.7 109.7



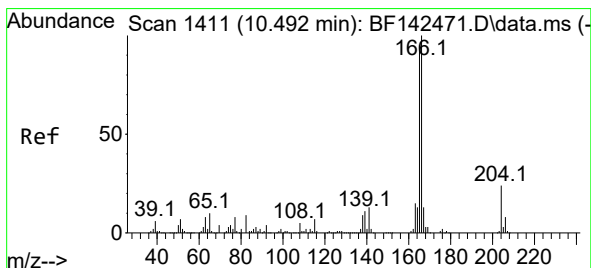
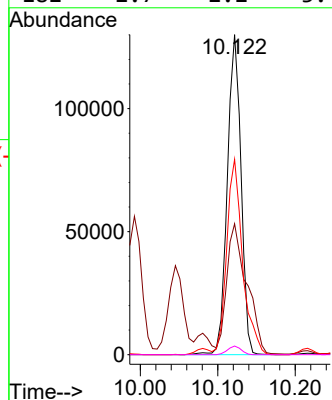
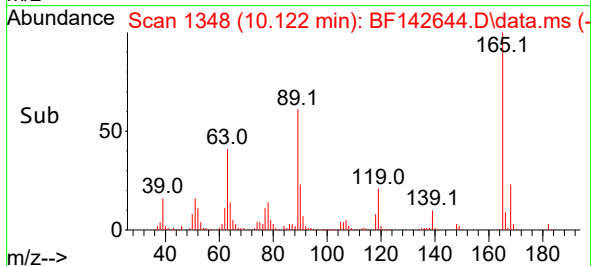


#57
2,4-Dinitrotoluene
Concen: 39.759 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

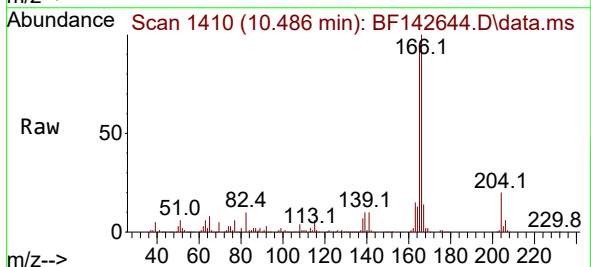
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS



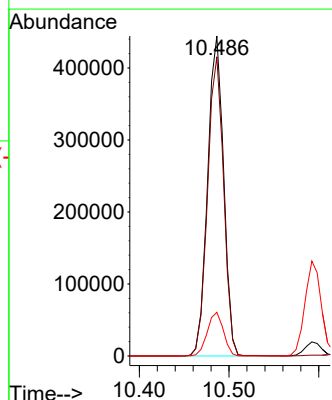
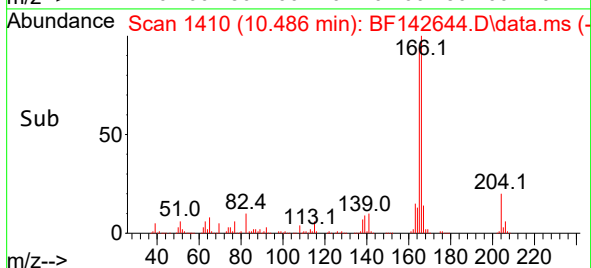
Tgt Ion:165 Resp: 159853
Ion Ratio Lower Upper
165 100
63 40.9 33.6 50.4
89 61.1 50.2 75.4
182 2.7 2.2 3.4

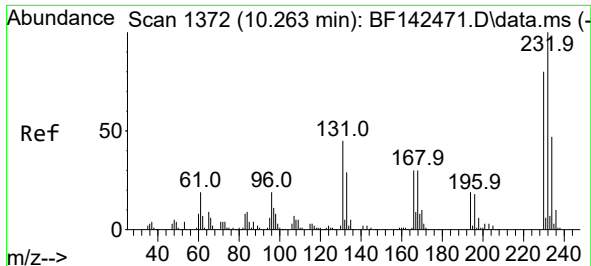


#58
Fluorene
Concen: 38.734 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54



Tgt Ion:166 Resp: 550170
Ion Ratio Lower Upper
166 100
165 93.5 75.8 113.8
167 13.7 10.6 16.0

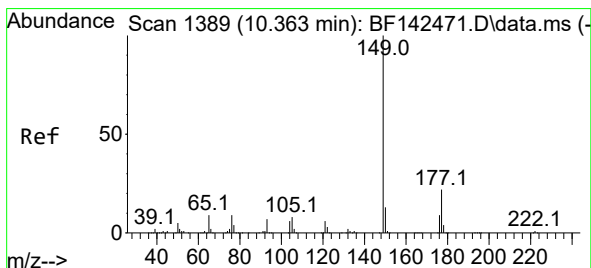
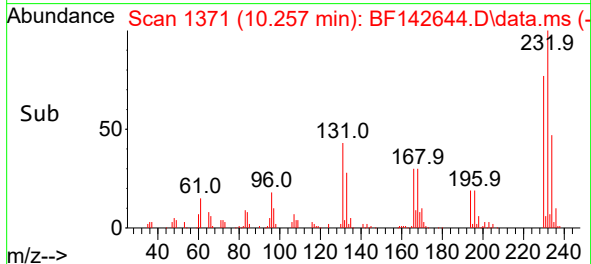
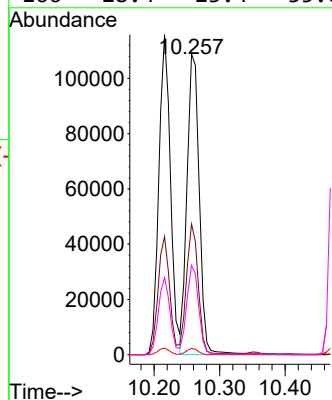
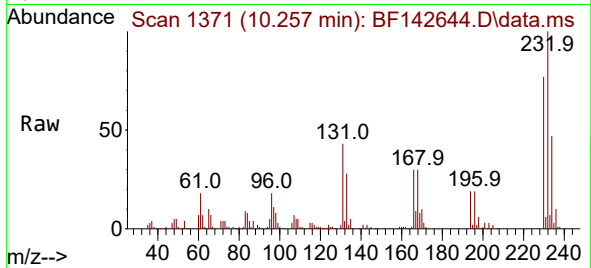




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.228 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

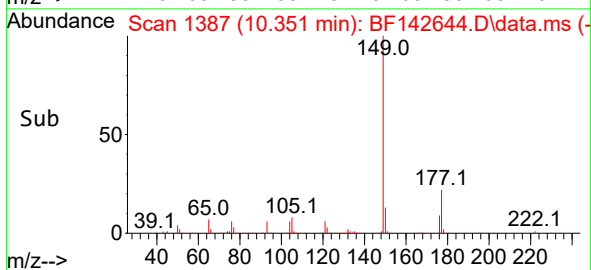
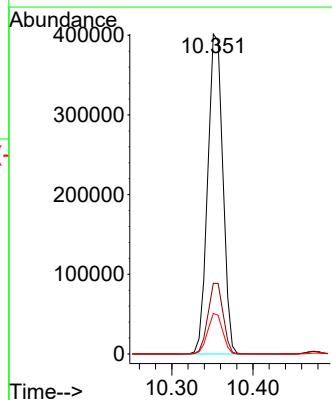
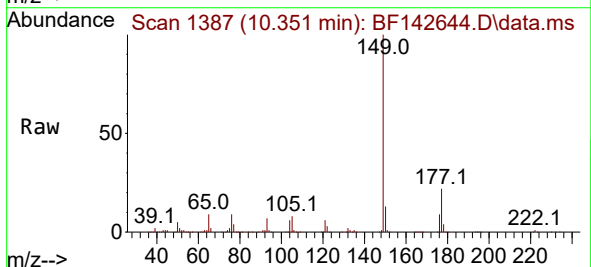
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

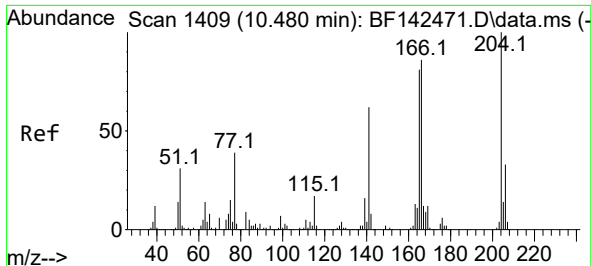
Tgt Ion:232 Resp: 140838
Ion Ratio Lower Upper
232 100
131 42.4 35.2 52.8
130 1.9 1.7 2.5
166 28.4 23.4 35.0



#60
Diethylphthalate
Concen: 37.209 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.017 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:149 Resp: 518361
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.6 10.1 15.1

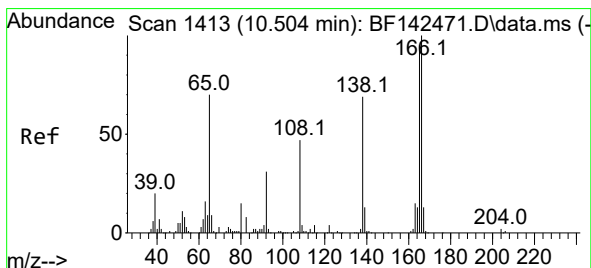
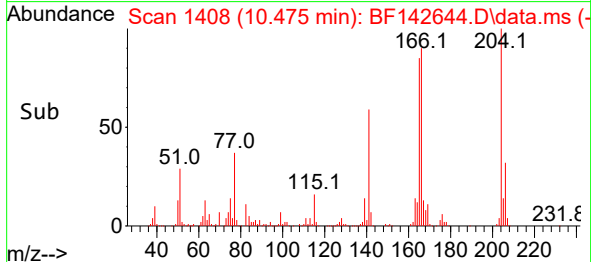
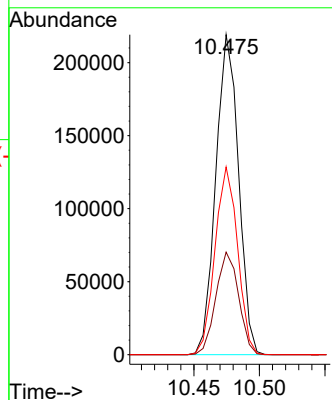
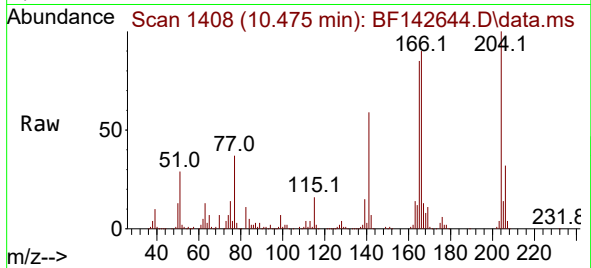




#61
4-Chlorophenyl-phenylether
Concen: 37.841 ng
RT: 10.475 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

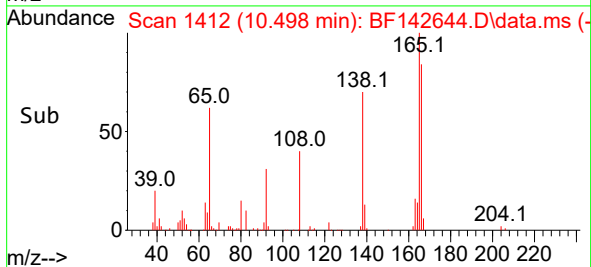
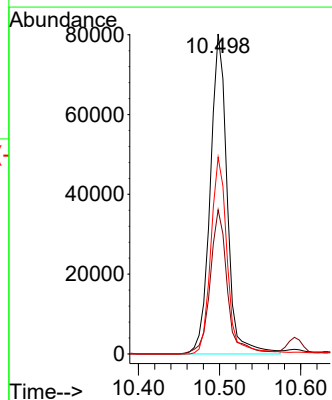
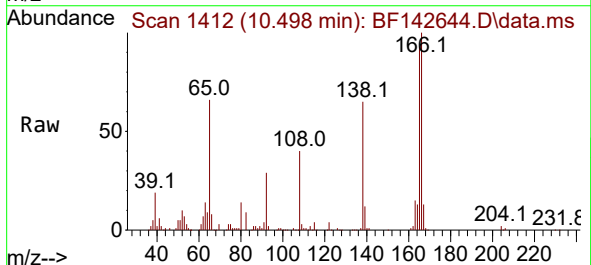
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

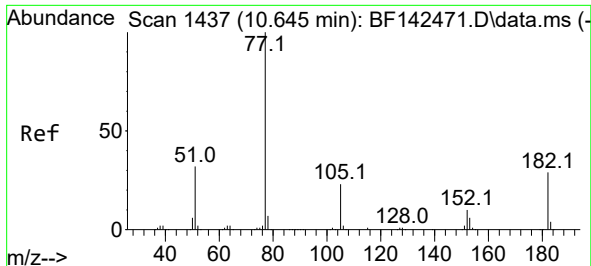
Tgt Ion:204 Resp: 264039
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 58.7 49.5 74.3



#62
4-Nitroaniline
Concen: 38.107 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:138 Resp: 116213
Ion Ratio Lower Upper
138 100
92 45.1 26.0 66.0
108 61.5 48.4 88.4

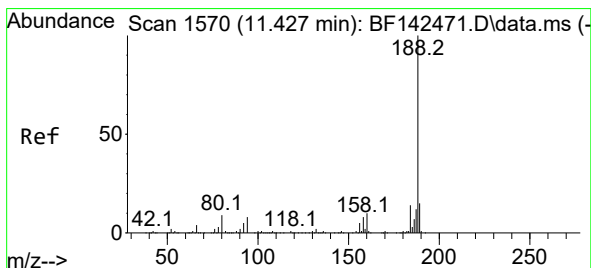
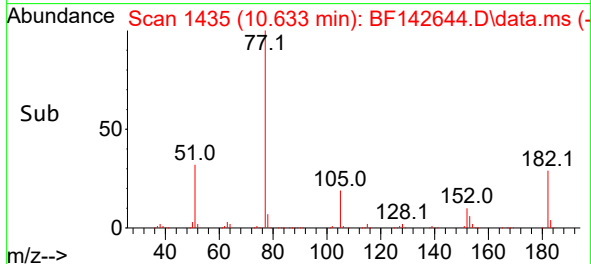
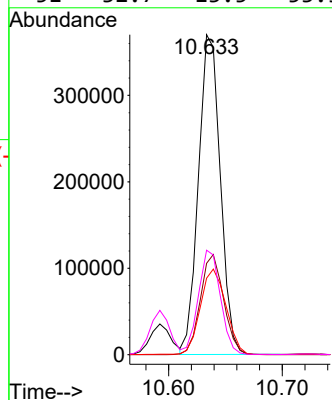
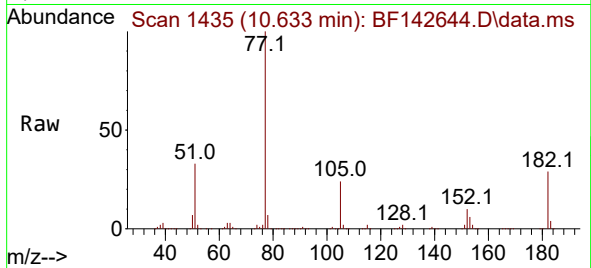




#63
Azobenzene
Concen: 39.579 ng
RT: 10.633 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

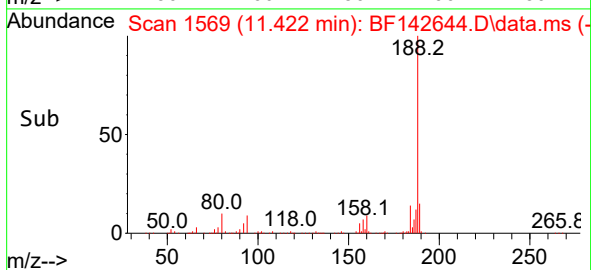
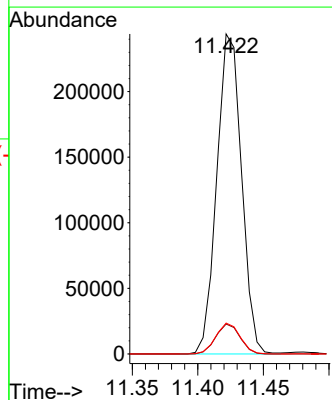
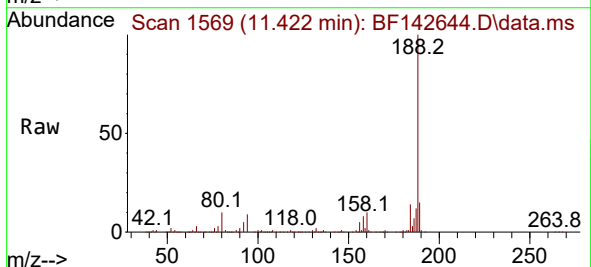
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

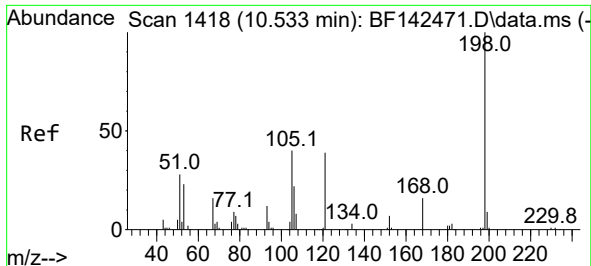
Tgt Ion: 77	Resp: 495235
Ion Ratio	Lower Upper
77 100	
182 28.5	9.0 49.0
105 23.9	2.4 42.4
51 32.7	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:188	Resp: 319672
Ion Ratio	Lower Upper
188 100	
94 9.4	6.6 10.0
80 9.6	7.4 11.0

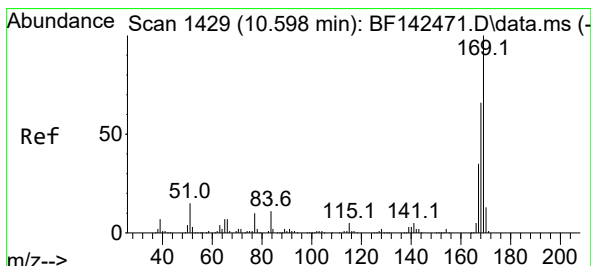
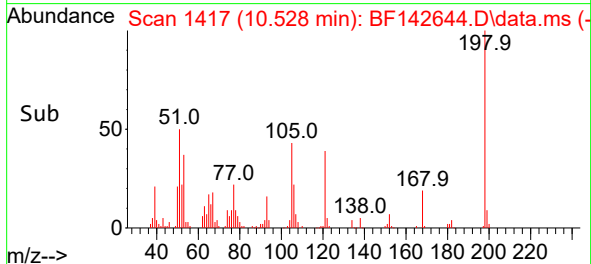
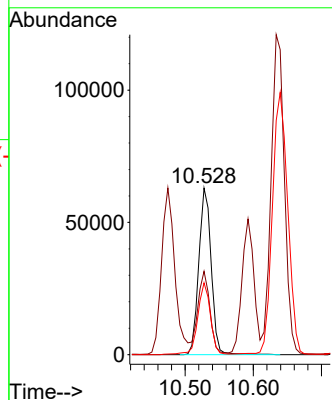
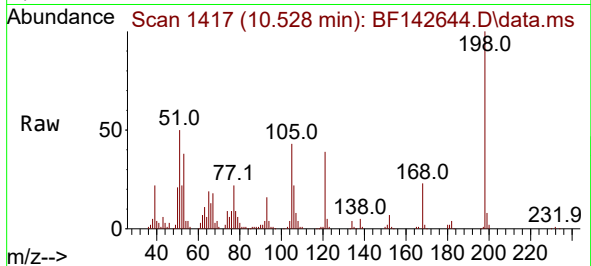




#65
4,6-Dinitro-2-methylphenol
Concen: 44.573 ng
RT: 10.528 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

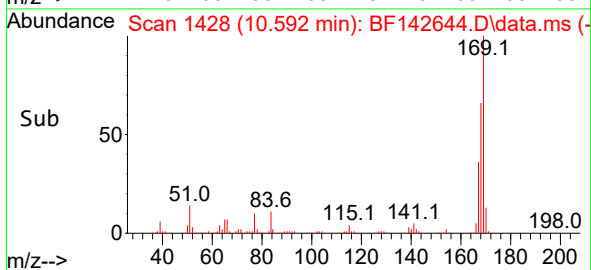
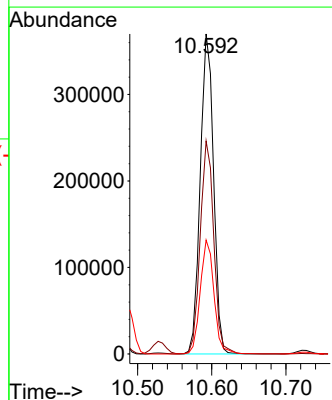
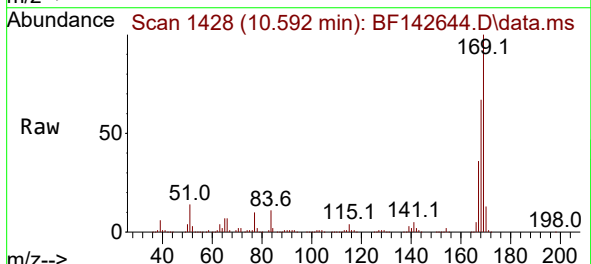
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

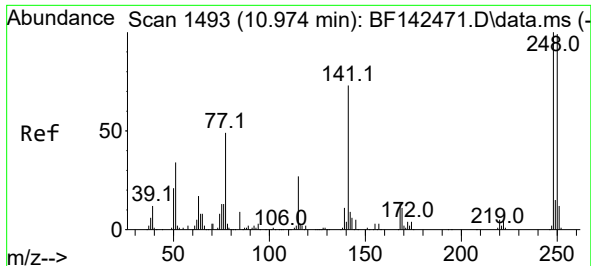
Tgt Ion:198 Resp: 79518
Ion Ratio Lower Upper
198 100
51 50.0 28.3 68.3
105 43.1 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 42.124 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:169 Resp: 460697
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 35.6 28.3 42.5

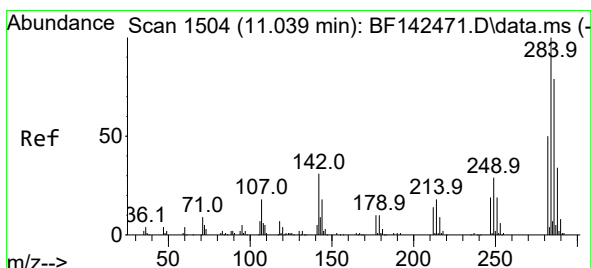
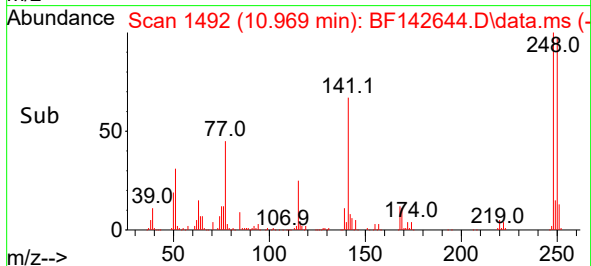
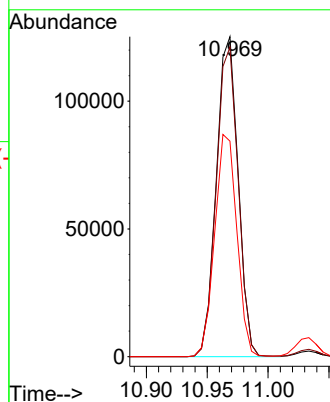
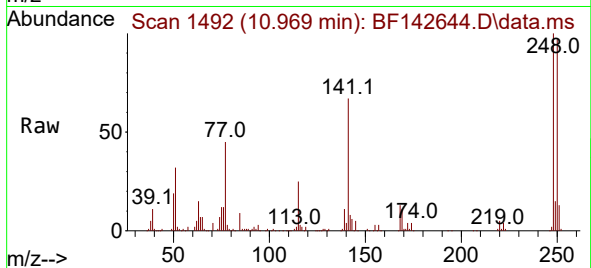




#67
4-Bromophenyl-phenylether
Concen: 41.450 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

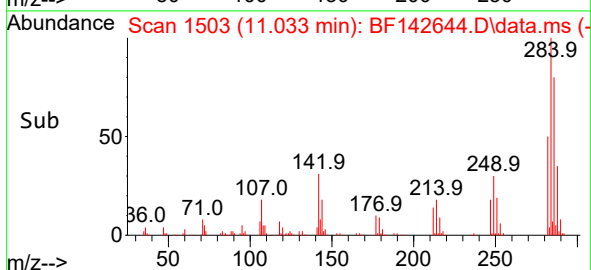
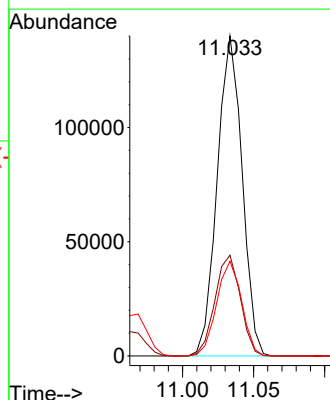
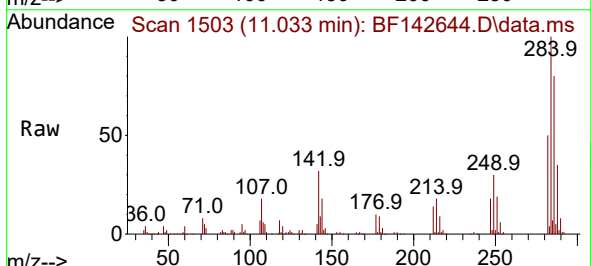
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

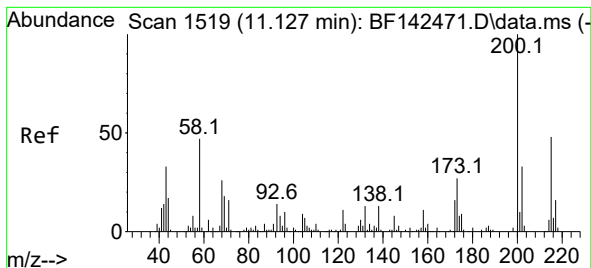
Tgt Ion:248 Resp: 156676
Ion Ratio Lower Upper
248 100
250 96.8 79.0 118.4
141 67.3 58.4 87.6



#68
Hexachlorobenzene
Concen: 40.821 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:284 Resp: 170657
Ion Ratio Lower Upper
284 100
142 31.5 24.8 37.2
249 29.6 23.6 35.4





#69

Atrazine

Concen: 45.489 ng

RT: 11.116 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

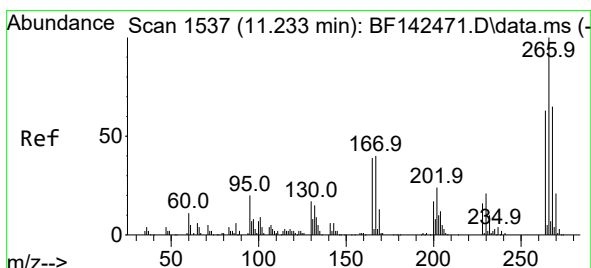
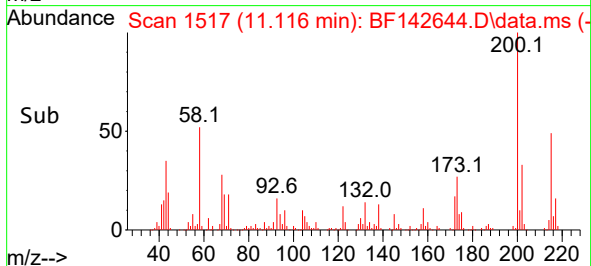
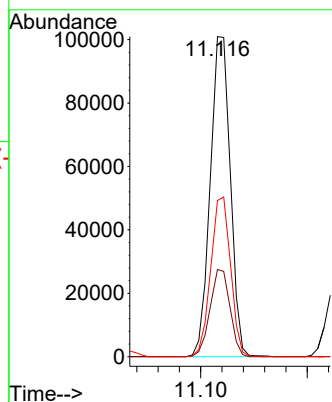
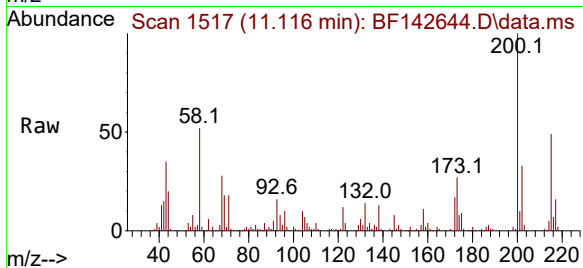
Tgt Ion:200 Resp: 132122

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 48.8 28.5 68.5



#70

Pentachlorophenol

Concen: 77.508 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

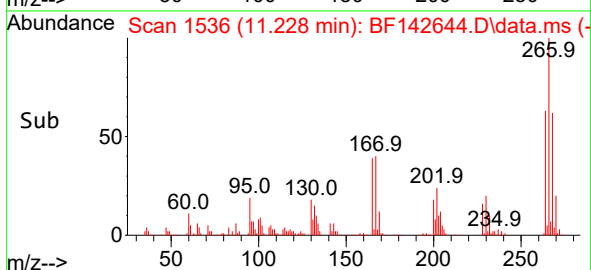
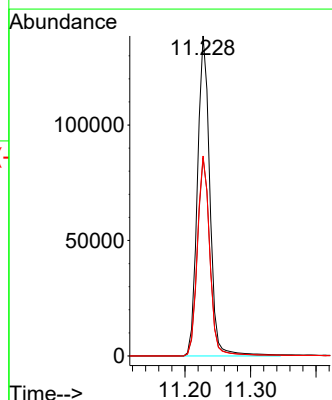
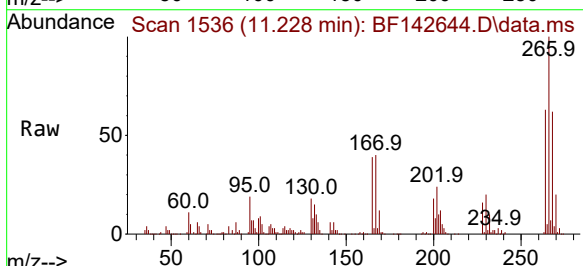
Tgt Ion:266 Resp: 182944

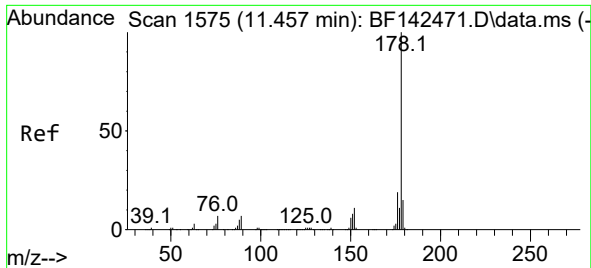
Ion Ratio Lower Upper

266 100

268 61.9 51.7 77.5

264 62.5 50.4 75.6

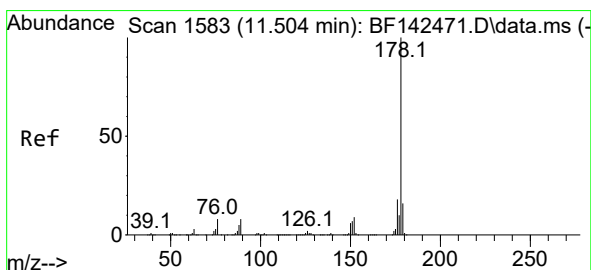
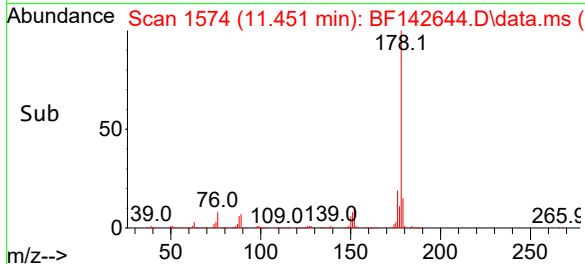
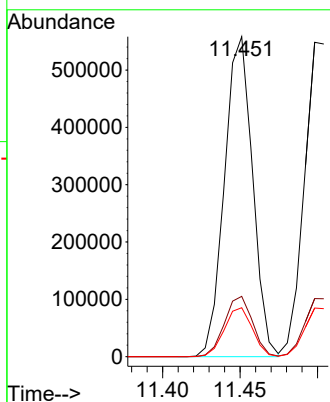
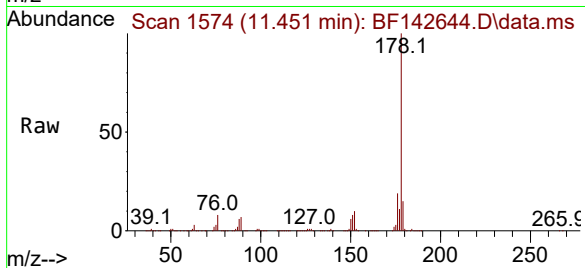




#71
Phenanthrene
Concen: 41.211 ng
RT: 11.451 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

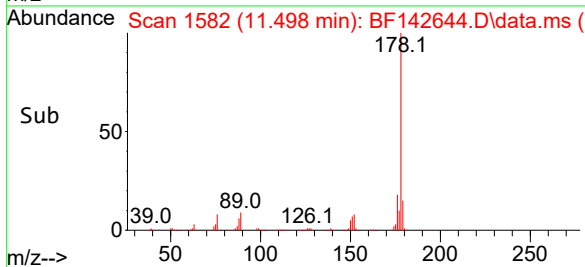
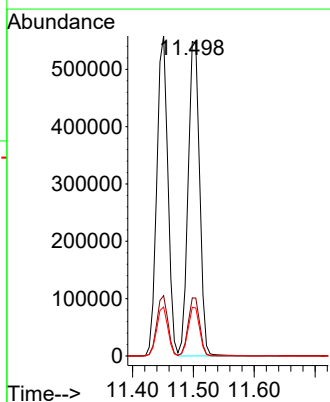
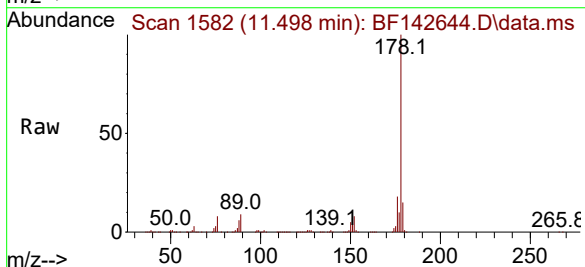
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

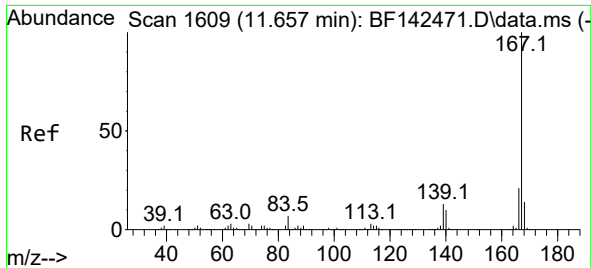
Tgt Ion:178 Resp: 704036
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.3 18.5



#72
Anthracene
Concen: 41.173 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:178 Resp: 717873
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.5 12.4 18.6

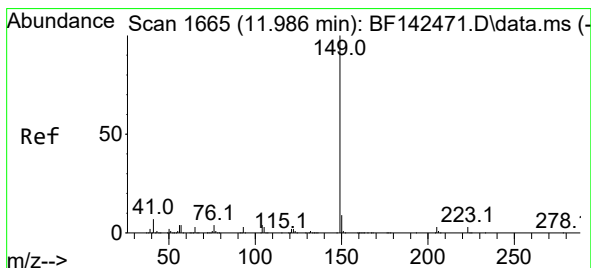
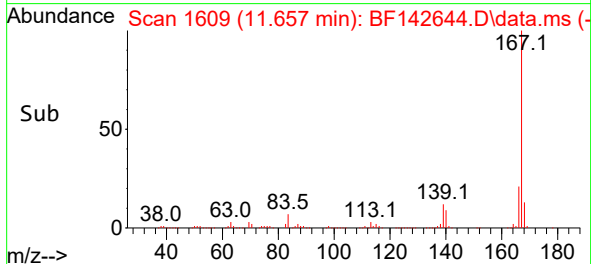
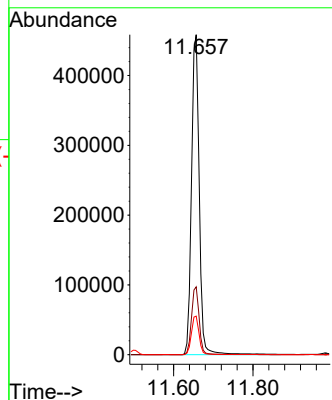
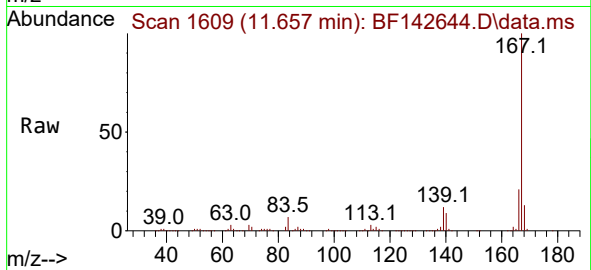




#73
 Carbazole
 Concen: 41.801 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142644.D
 Acq: 06 Jun 2025 13:54

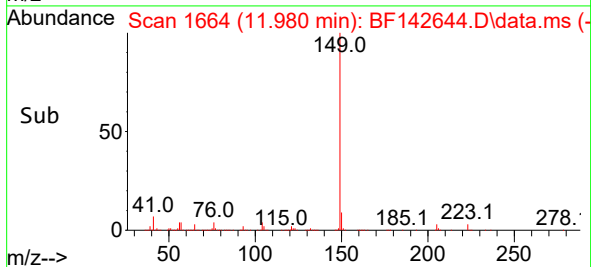
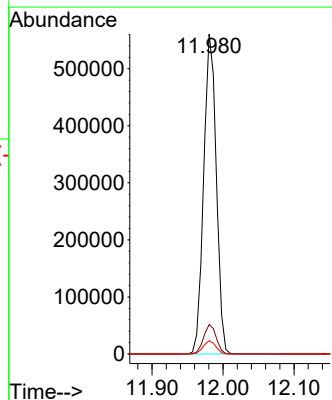
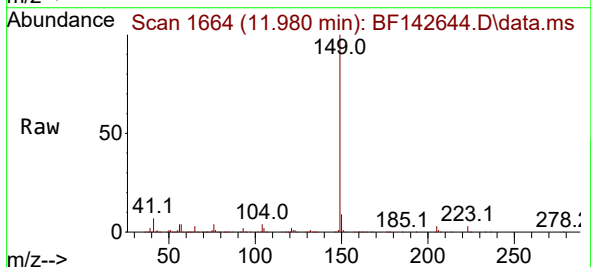
Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-05MS

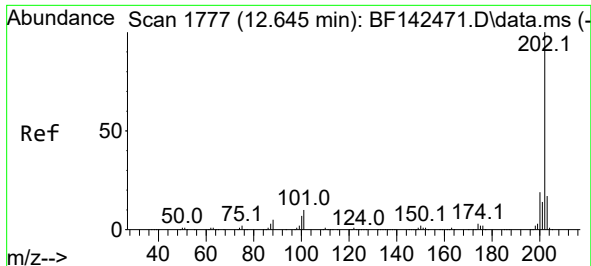
Tgt Ion:167 Resp: 623057
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.9 25.3
 139 12.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 42.487 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF142644.D
 Acq: 06 Jun 2025 13:54

Tgt Ion:149 Resp: 693198
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.1 3.6 5.4

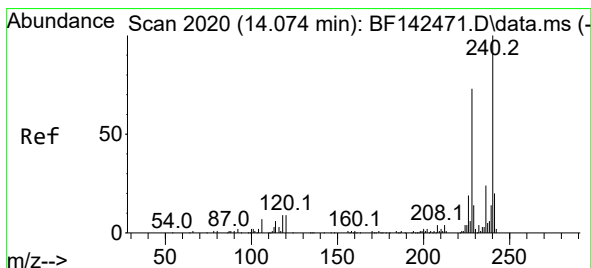
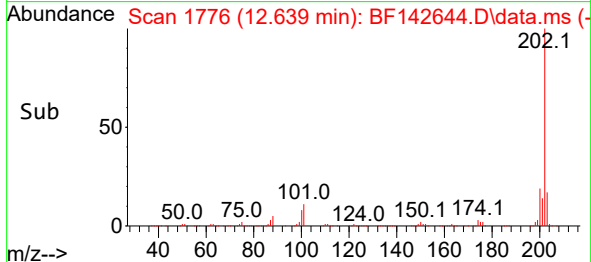
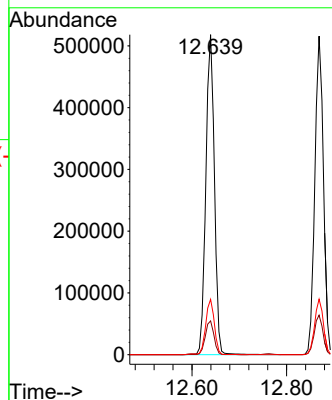
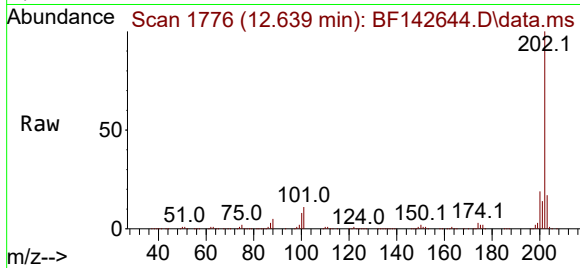




#75
Fluoranthene
Concen: 40.844 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

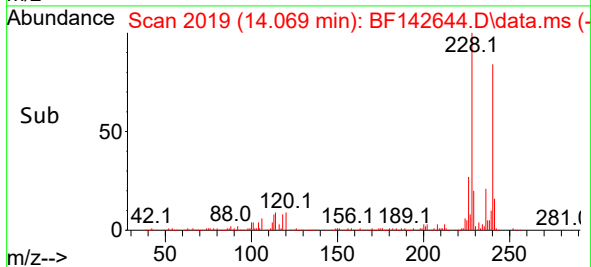
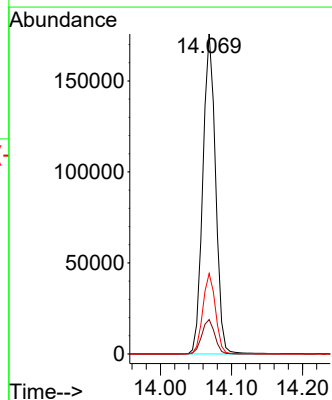
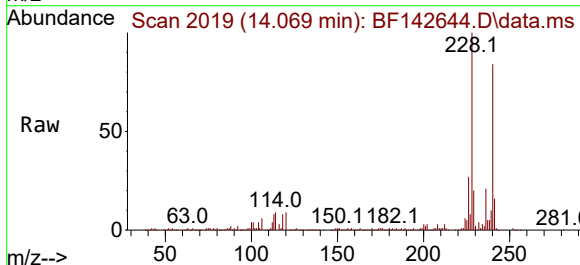
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

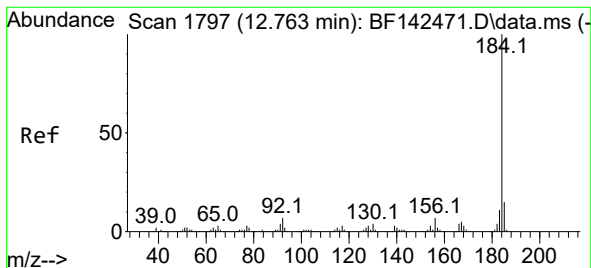
Tgt Ion:202 Resp: 651996
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.6
203 17.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:240 Resp: 220105
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.1 19.6 29.4





#77

Benzidine

Concen: 40.018 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

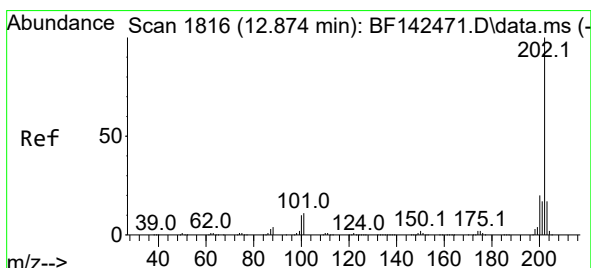
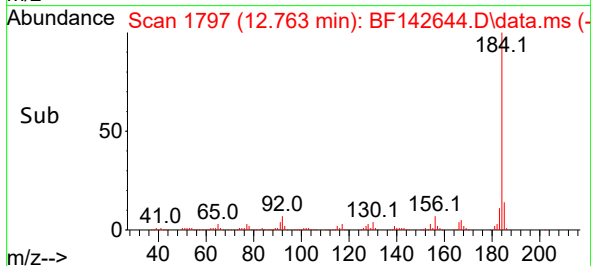
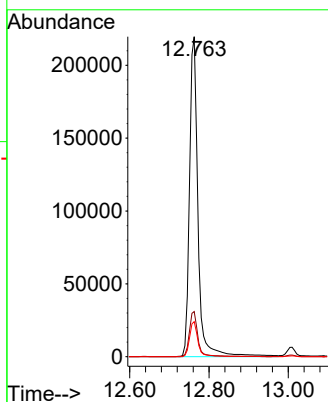
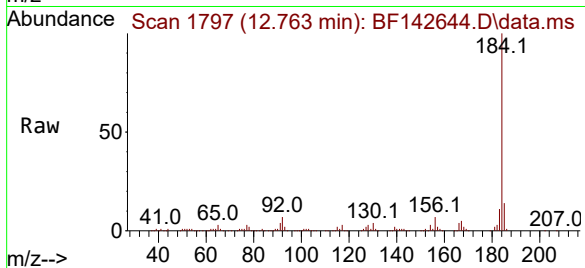
Tgt Ion:184 Resp: 327776

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.0 9.0 13.4



#78

Pyrene

Concen: 31.796 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

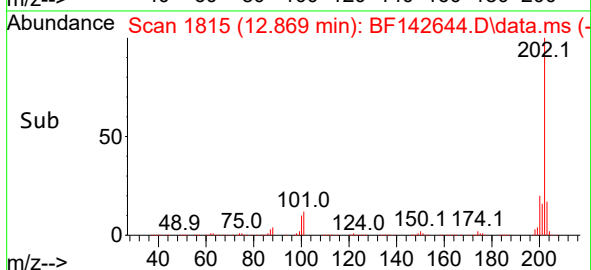
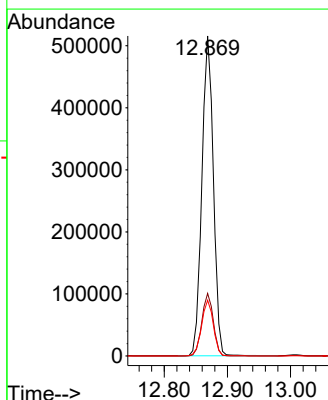
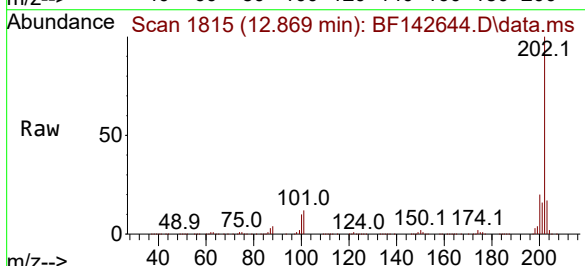
Tgt Ion:202 Resp: 652849

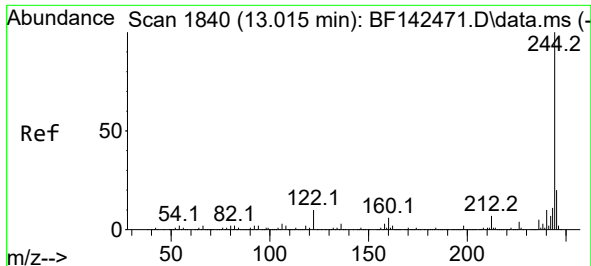
Ion Ratio Lower Upper

202 100

200 19.5 16.1 24.1

203 17.4 13.9 20.9

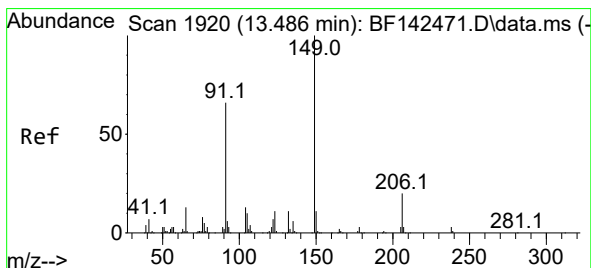
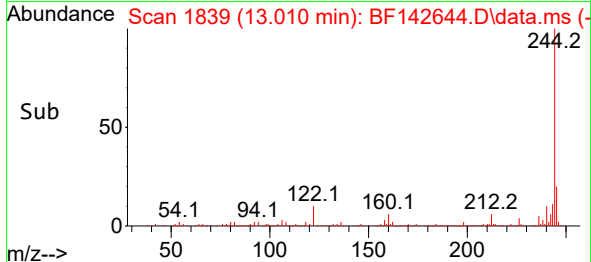
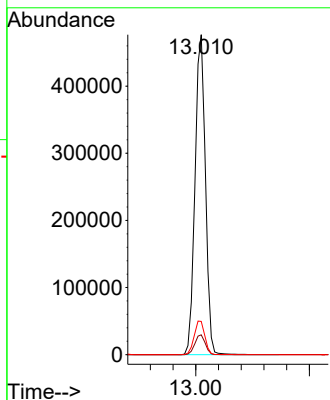
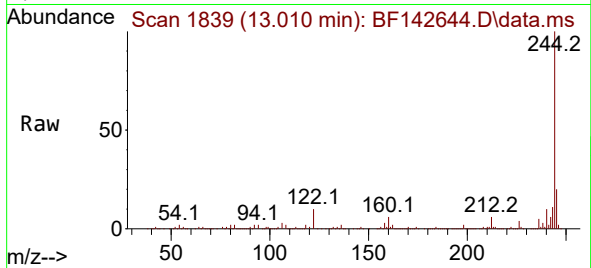




#79
 Terphenyl-d14
 Concen: 37.866 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142644.D
 Acq: 06 Jun 2025 13:54

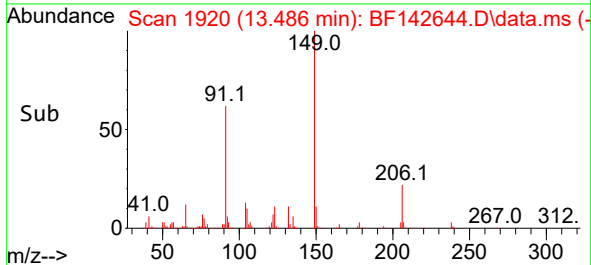
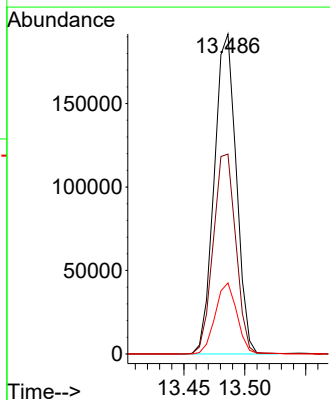
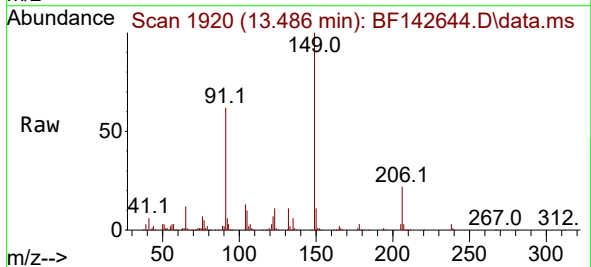
Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-05MS

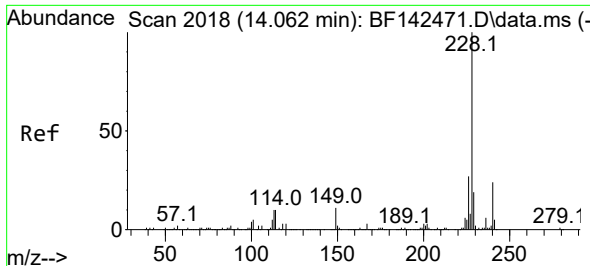
Tgt Ion:244 Resp: 609901
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 10.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 42.666 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142644.D
 Acq: 06 Jun 2025 13:54

Tgt Ion:149 Resp: 242067
 Ion Ratio Lower Upper
 149 100
 91 62.4 52.9 79.3
 206 22.2 16.2 24.2

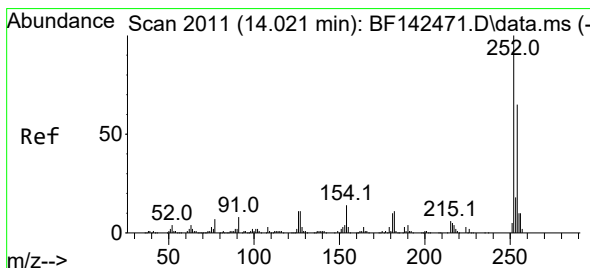
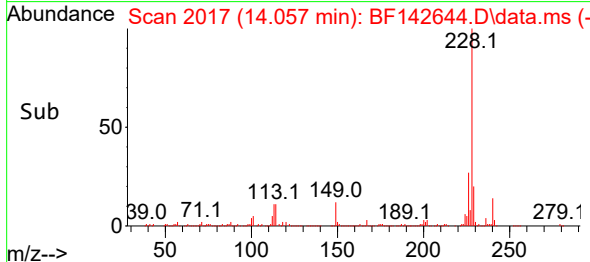
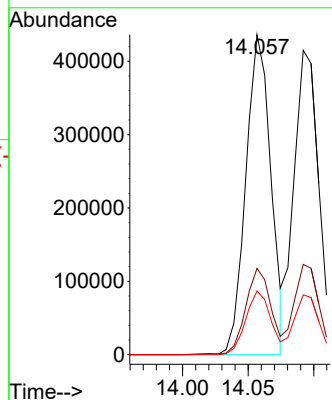
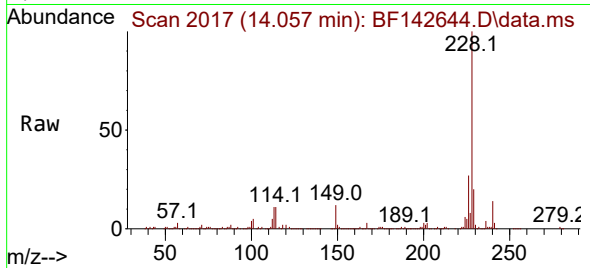




#81
Benzo(a)anthracene
Concen: 39.414 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

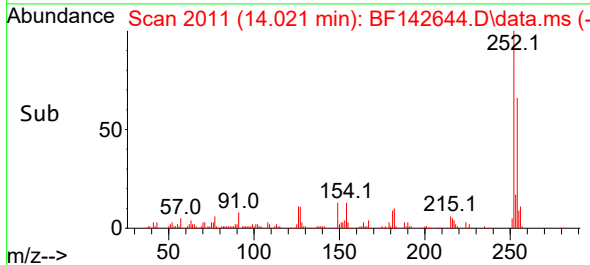
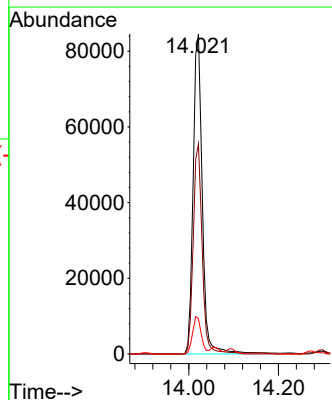
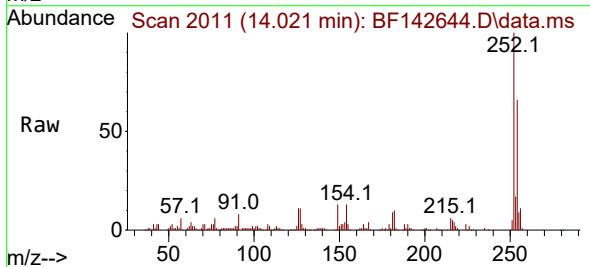
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

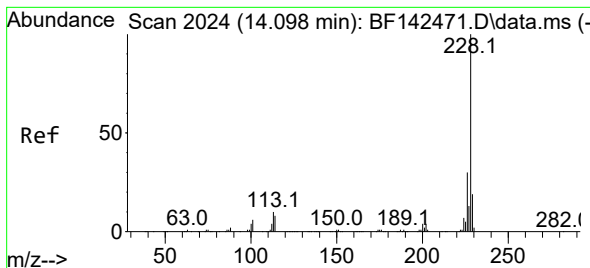
Tgt Ion:228 Resp: 579293
Ion Ratio Lower Upper
228 100
226 27.0 21.2 31.8
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 26.981 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

Tgt Ion:252 Resp: 120278
Ion Ratio Lower Upper
252 100
254 65.7 52.0 78.0
126 11.0 8.9 13.3





#83

Chrysene

Concen: 41.497 ng

RT: 14.092 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

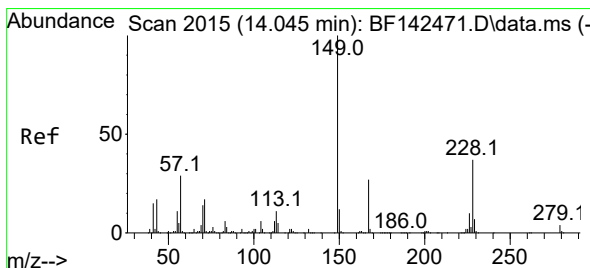
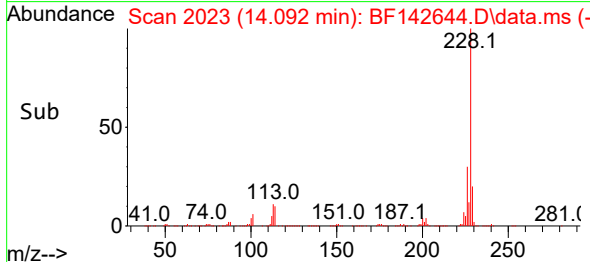
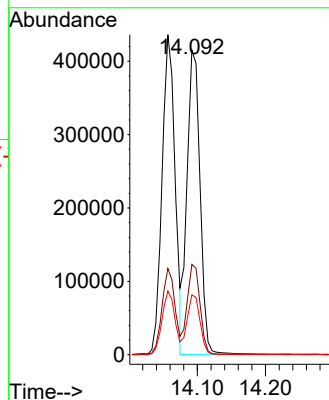
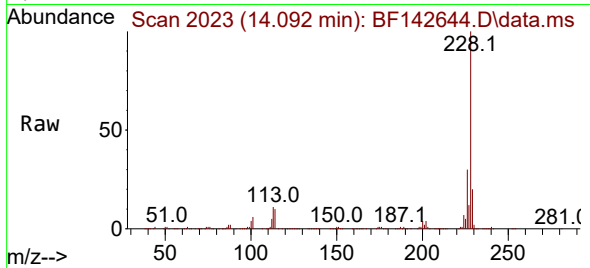
Tgt Ion:228 Resp: 548033

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.352 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

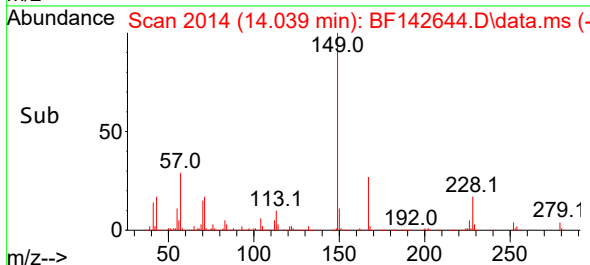
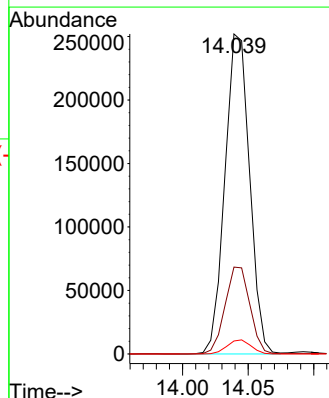
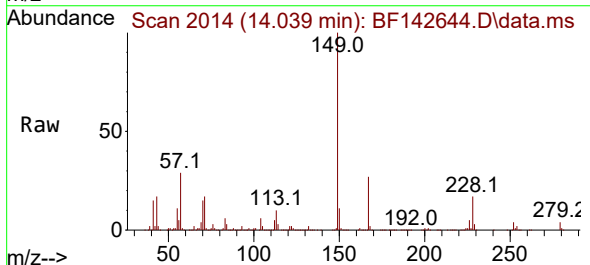
Tgt Ion:149 Resp: 329388

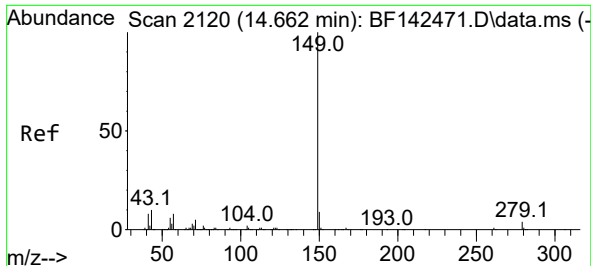
Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

279 4.0 3.2 4.8

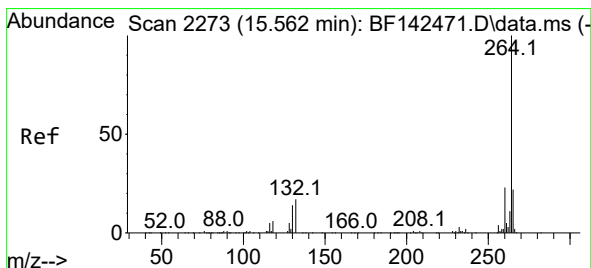
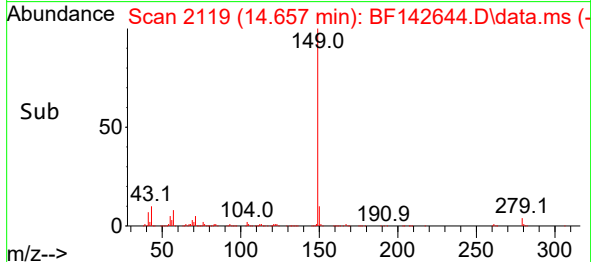
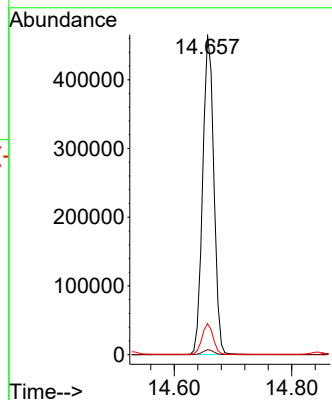
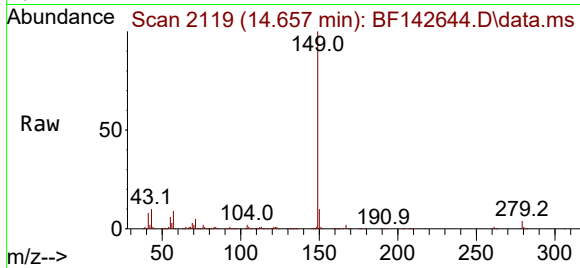




#85
Di-n-octyl phthalate
Concen: 42.929 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

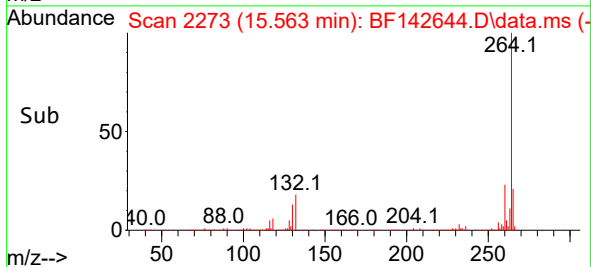
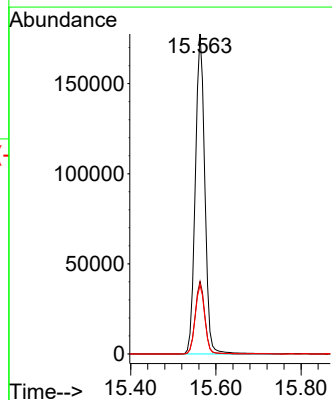
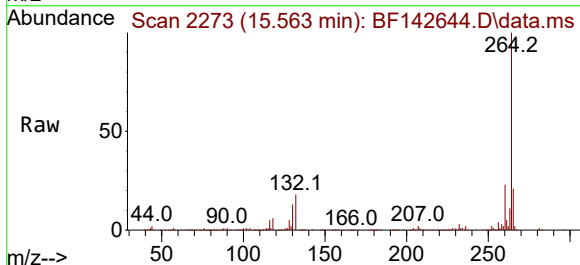
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS

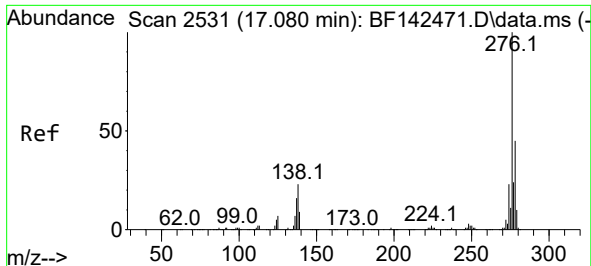
Tgt Ion:149 Resp: 609646
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

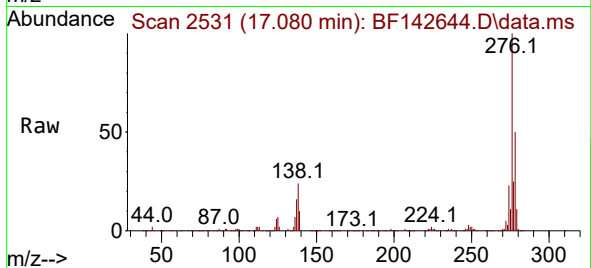
Tgt Ion:264 Resp: 274187
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.5 17.7 26.5



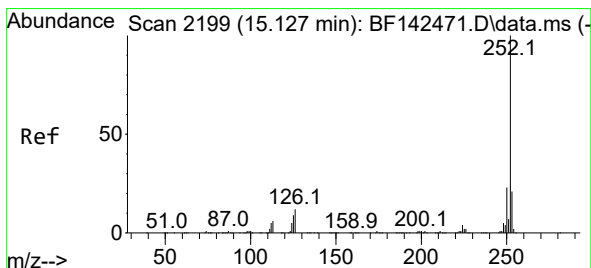
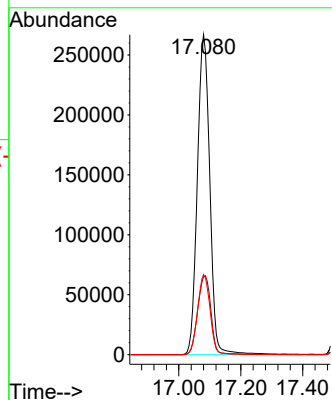
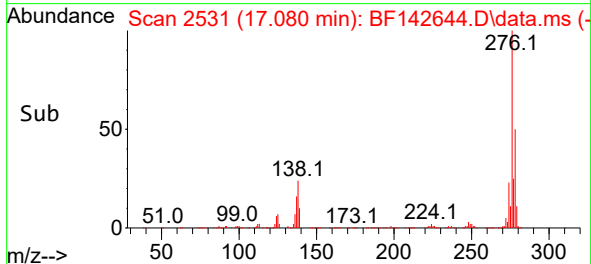


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.146 ng
 RT: 17.080 min Scan# 2198
 Delta R.T. -0.012 min
 Lab File: BF142644.D
 Acq: 06 Jun 2025 13:54

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-05MS

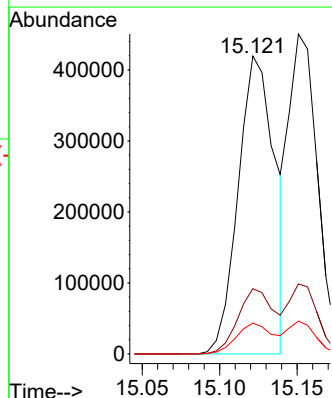
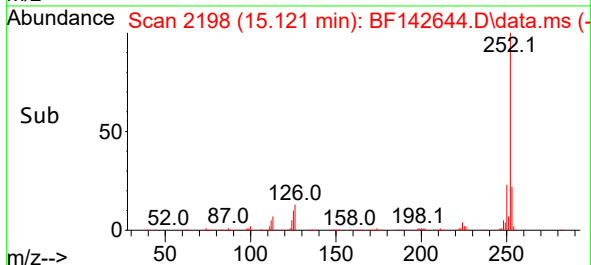
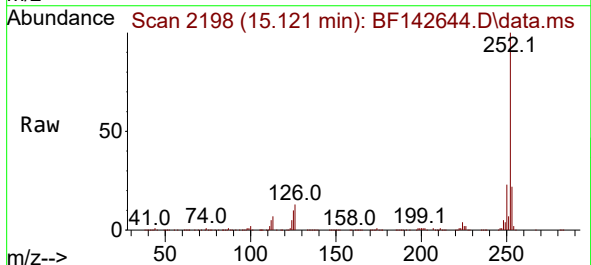


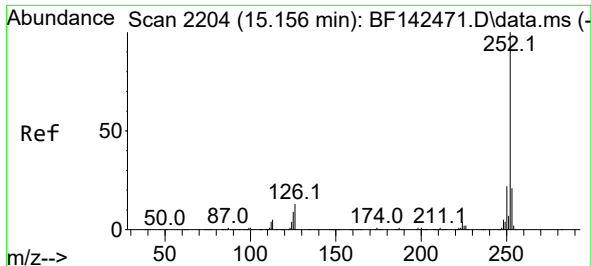
Tgt Ion:276 Resp: 744043
 Ion Ratio Lower Upper
 276 100
 138 26.1 19.9 29.9
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 42.465 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF142644.D
 Acq: 06 Jun 2025 13:54

Tgt Ion:252 Resp: 689106
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.4
 125 10.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 38.795 ng

RT: 15.151 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-05MS

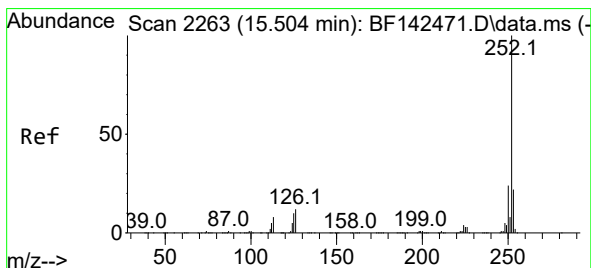
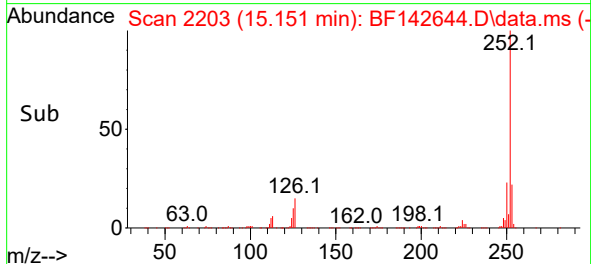
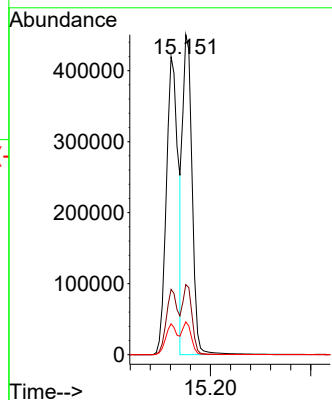
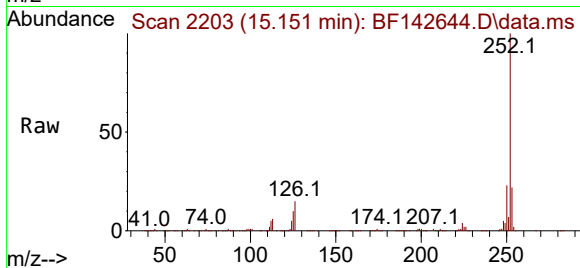
Tgt Ion:252 Resp: 589646

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 10.2 7.3 10.9



#90

Benzo(a)pyrene

Concen: 41.330 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142644.D

Acq: 06 Jun 2025 13:54

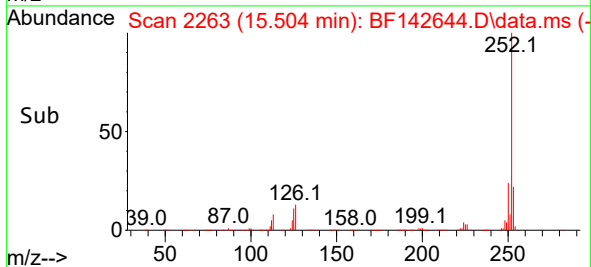
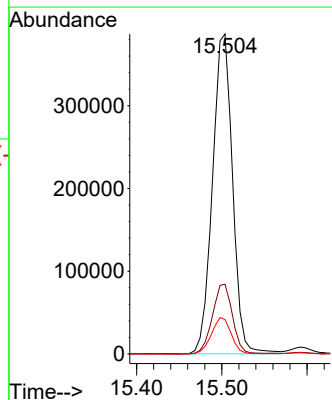
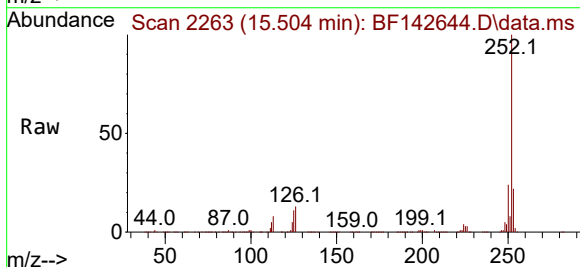
Tgt Ion:252 Resp: 632184

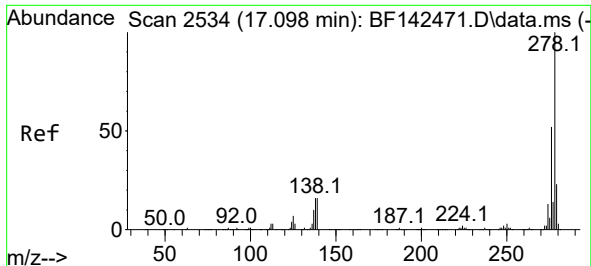
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

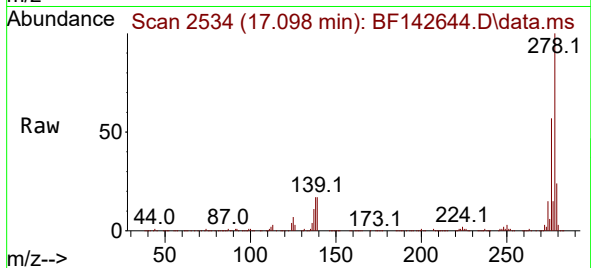
125 10.8 7.9 11.9



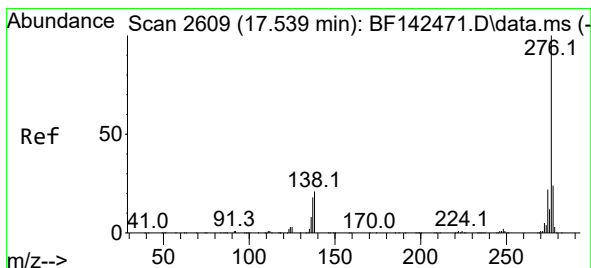
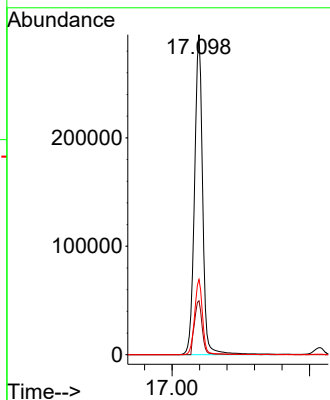
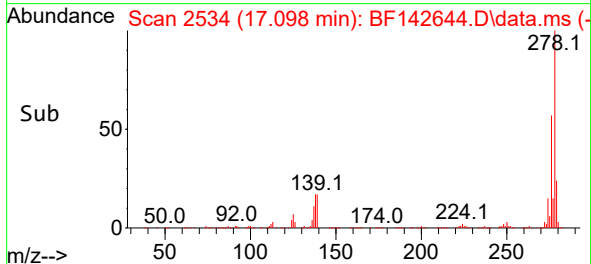


#91
Dibenzo(a,h)anthracene
Concen: 36.157 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54

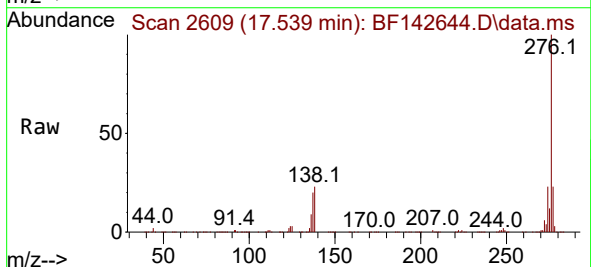
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MS



Tgt Ion:278 Resp: 603640
Ion Ratio Lower Upper
278 100
139 16.8 12.8 19.2
279 23.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 34.769 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.017 min
Lab File: BF142644.D
Acq: 06 Jun 2025 13:54



Tgt Ion:276 Resp: 580587
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 22.7 16.8 25.2

