

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142679.D
 Acq On : 07 Jun 2025 09:00
 Operator : RC/JU
 Sample : Q2244-01MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHCMS

Quant Time: Jun 09 01:03:30 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	6.892	152	135246	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	476769	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	208406	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	300849	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	270140	20.000	ng	0.00
86) Perylene-d12	15.563	264	203560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	712265	88.727	ng	0.00
7) Phenol-d6	6.528	99	871663	90.203	ng	0.00
23) Nitrobenzene-d5	7.457	82	513680	58.750	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	186528	80.642	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	937531	60.365	ng	-0.02
79) Terphenyl-d14	13.010	244	818481	41.404	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	112747	35.098	ng	97
3) Pyridine	3.487	79	306932	37.521	ng	98
4) n-Nitrosodimethylamine	3.446	42	163572	38.511	ng	89
6) Aniline	6.557	93	425366	32.737	ng	97
8) 2-Chlorophenol	6.681	128	352400	40.303	ng	100
9) Benzaldehyde	6.445	77	184218	31.695	ng	100
10) Phenol	6.540	94	425376	39.121	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	319578	40.830	ng	100
12) 1,3-Dichlorobenzene	6.834	146	382065	39.159	ng	99
13) 1,4-Dichlorobenzene	6.910	146	381945	38.862	ng	99
14) 1,2-Dichlorobenzene	7.063	146	368246	39.157	ng	99
15) Benzyl Alcohol	7.034	79	276587	38.731	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	514477	39.141	ng	97
17) 2-Methylphenol	7.151	107	262362	38.432	ng	98
18) Hexachloroethane	7.410	117	130472	38.018	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	221075	36.914	ng	97
20) 3+4-Methylphenols	7.298	107	316236	36.174	ng	98
22) Acetophenone	7.304	105	433298	41.055	ng	98
24) Nitrobenzene	7.481	77	328304	41.632	ng	99
25) Isophorone	7.716	82	595422	40.731	ng	99
26) 2-Nitrophenol	7.792	139	181984	43.189	ng	97
27) 2,4-Dimethylphenol	7.834	122	307364	41.363	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	379721	41.582	ng	99
29) 2,4-Dichlorophenol	8.039	162	269464	39.875	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	298075	40.643	ng	99
31) Naphthalene	8.204	128	941152	40.090	ng	100
32) Benzoic acid	7.945	122	175761	38.857	ng	94
33) 4-Chloroaniline	8.251	127	239847	25.214	ng	97
34) Hexachlorobutadiene	8.316	225	184339	40.255	ng	98
35) Caprolactam	8.616	113	77580	40.876	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	244942	35.368	ng	98
37) 2-Methylnaphthalene	8.892	142	549872	37.231	ng	99
38) 1-Methylnaphthalene	8.992	142	560250	36.673	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	274872	45.946	ng	100
41) Hexachlorocyclopentadiene	9.045	237	207096	51.316	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	175591	43.527	ng	98

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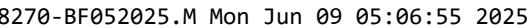
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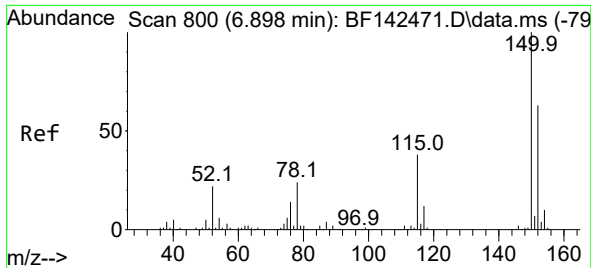
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	170363	40.043	ng	99
46) 1,1'-Biphenyl	9.357	154	719425	44.495	ng	99
47) 2-Chloronaphthalene	9.381	162	513618	42.995	ng	99
48) 2-Nitroaniline	9.475	65	145485	42.134	ng	100
49) Acenaphthylene	9.798	152	820902	40.696	ng	100
50) Dimethylphthalate	9.657	163	610106	44.367	ng	100
51) 2,6-Dinitrotoluene	9.716	165	125500	42.285	ng	98
52) Acenaphthene	9.969	154	513271	41.671	ng	99
53) 3-Nitroaniline	9.886	138	105187	32.448	ng	99
54) 2,4-Dinitrophenol	9.992	184	92144	60.093	ng	95
55) Dibenzofuran	10.145	168	694950	39.208	ng	97
56) 4-Nitrophenol	10.045	139	178960	74.819	ng	98
57) 2,4-Dinitrotoluene	10.122	165	154414	39.838	ng	98
58) Fluorene	10.486	166	515101	37.617	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	128137	36.077	ng	98
60) Diethylphthalate	10.351	149	548843	40.866	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	257782	38.322	ng	97
62) 4-Nitroaniline	10.498	138	106368	36.179	ng	97
63) Azobenzene	10.633	77	490335	40.649	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	60393	35.970	ng	97
66) n-Nitrosodiphenylamine	10.592	169	449005	43.624	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	149040	41.897	ng	96
68) Hexachlorobenzene	11.033	284	159561	40.554	ng	99
69) Atrazine	11.122	200	131903	48.255	ng	98
70) Pentachlorophenol	11.227	266	186798	84.092	ng	99
71) Phenanthrene	11.451	178	662184	41.186	ng	100
72) Anthracene	11.498	178	682581	41.598	ng	100
73) Carbazole	11.657	167	630726	44.963	ng	99
74) Di-n-butylphthalate	11.980	149	752227	48.990	ng	99
75) Fluoranthene	12.639	202	745161	49.601	ng	99
77) Benzidine	12.763	184	436564	43.427	ng	100
78) Pyrene	12.869	202	770376	30.570	ng	100
80) Butylbenzylphthalate	13.486	149	334621	48.055	ng	96
81) Benzo(a)anthracene	14.057	228	734156	40.699	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	236933	43.305	ng	99
83) Chrysene	14.098	228	693493	42.785	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	494860	55.515	ng	99
85) Di-n-octyl phthalate	14.657	149	833442	47.818	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	487087	31.873	ng	99
88) Benzo(b)fluoranthene	15.121	252	613377	50.913	ng	98
89) Benzo(k)fluoranthene	15.151	252	485407	43.017	ng	98
90) Benzo(a)pyrene	15.498	252	485432	42.746	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	399783	32.255	ng	99
92) Benzo(g,h,i)perylene	17.533	276	381424	30.767	ng	98

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

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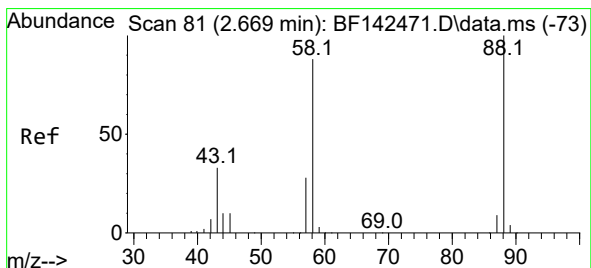
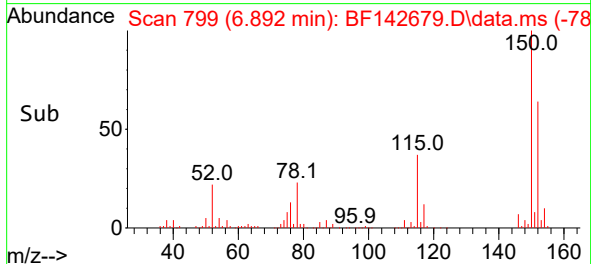
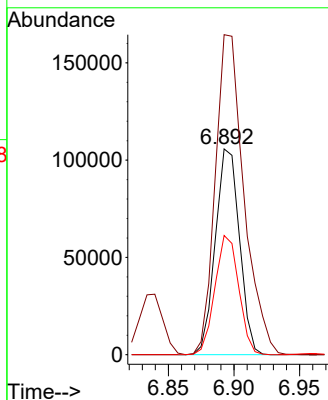
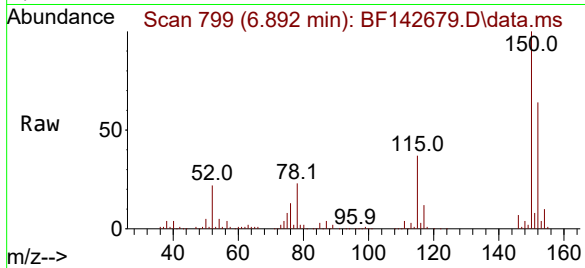




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

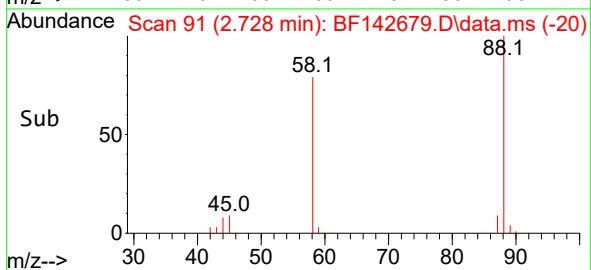
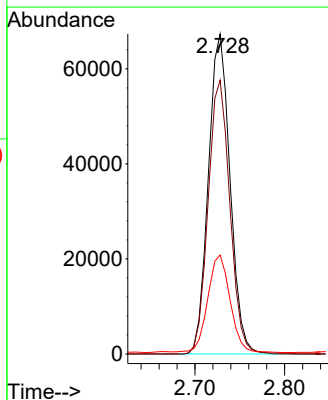
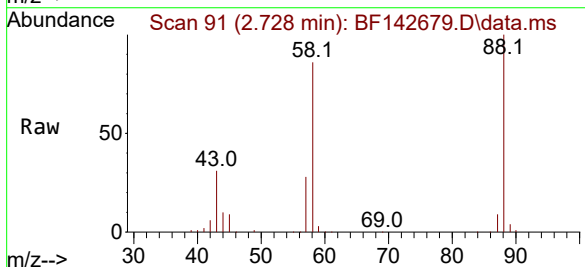
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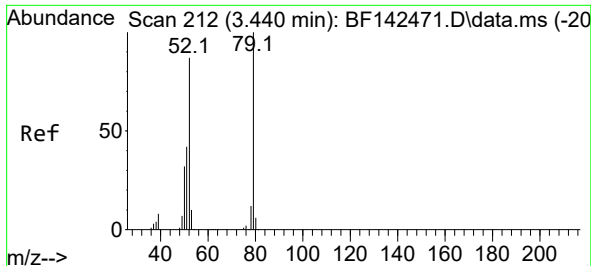
Tgt Ion:152 Resp: 135246
 Ion Ratio Lower Upper
 152 100
 150 155.5 128.2 192.4
 115 57.9 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.098 ng
 RT: 2.728 min Scan# 91
 Delta R.T. 0.065 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

Tgt Ion: 88 Resp: 112747
 Ion Ratio Lower Upper
 88 100
 58 86.1 70.8 106.2
 43 31.5 26.6 40.0

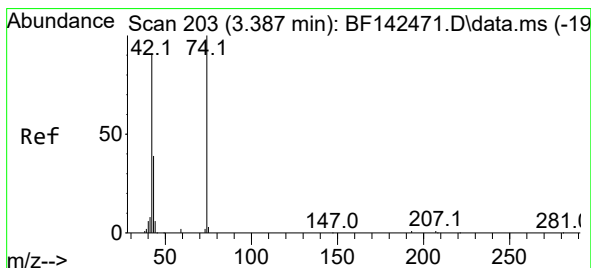
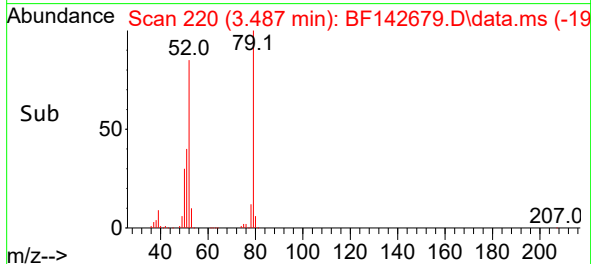
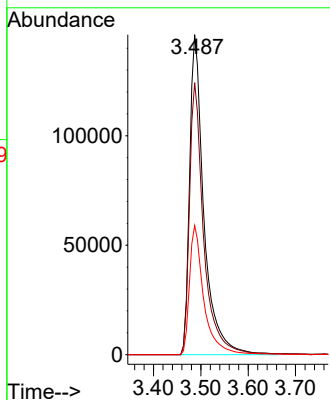
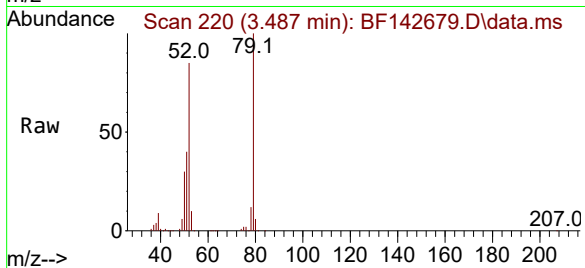




#3
 Pyridine
 Concen: 37.521 ng
 RT: 3.487 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

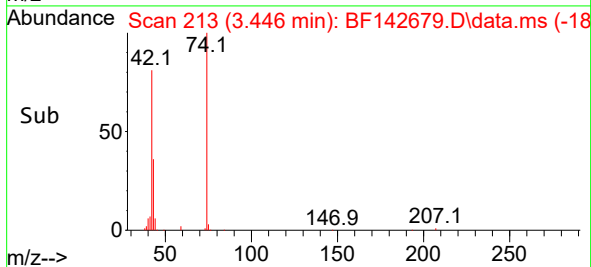
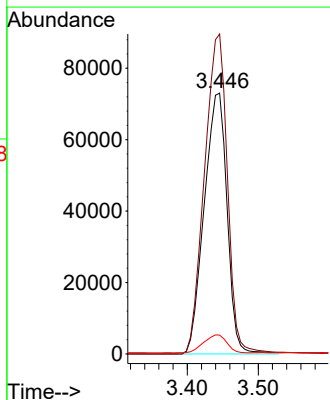
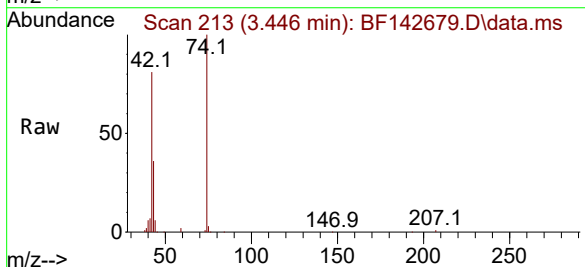
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 TP03-MHCMS

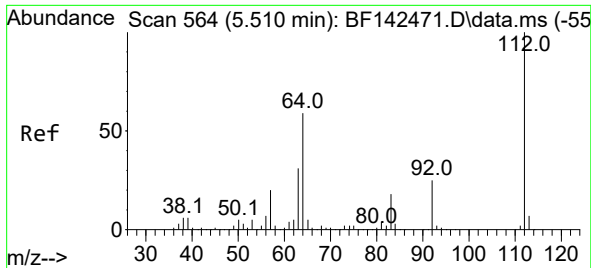
Tgt Ion: 79 Resp: 306932
 Ion Ratio Lower Upper
 79 100
 52 85.0 69.2 103.8
 51 40.3 33.3 49.9



#4
 n-Nitrosodimethylamine
 Concen: 38.511 ng
 RT: 3.446 min Scan# 213
 Delta R.T. 0.041 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

Tgt Ion: 42 Resp: 163572
 Ion Ratio Lower Upper
 42 100
 74 122.7 88.2 132.4
 44 7.2 5.4 8.2

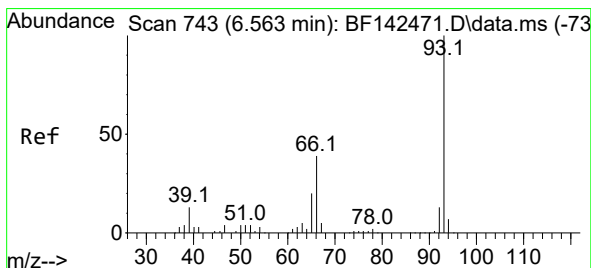
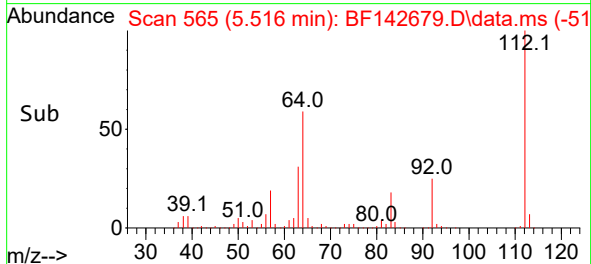
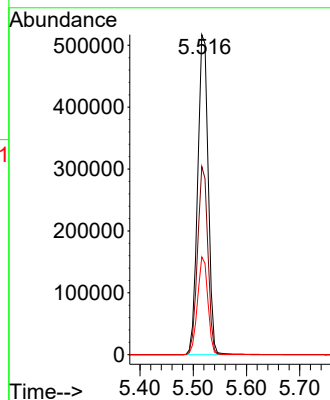
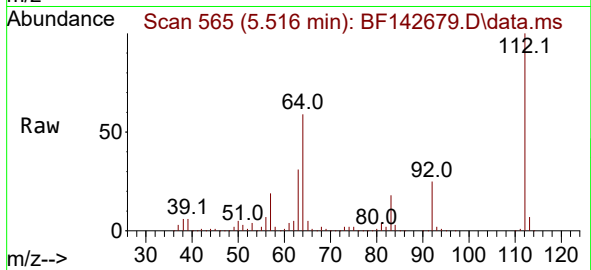




#5
2-Fluorophenol
Concen: 88.727 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

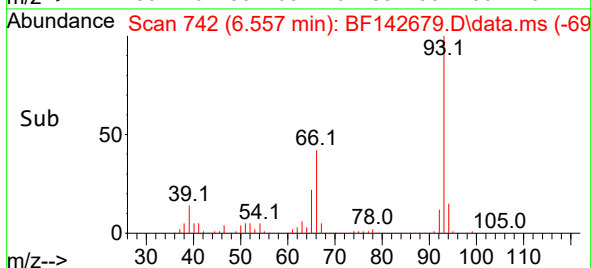
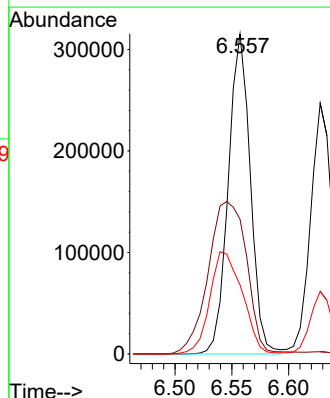
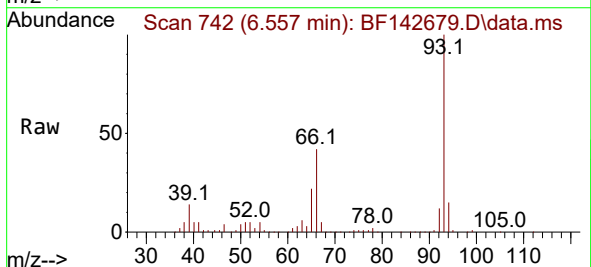
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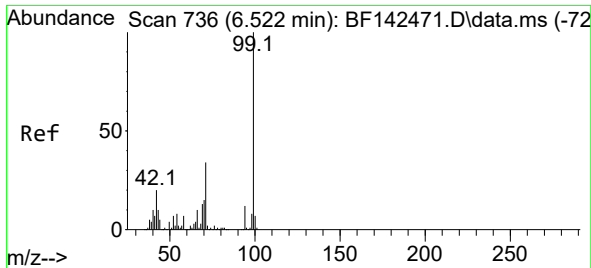
Tgt Ion:112 Resp: 712265
Ion Ratio Lower Upper
112 100
64 58.8 47.5 71.3
63 30.5 24.9 37.3



#6
Aniline
Concen: 32.737 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion: 93 Resp: 425366
Ion Ratio Lower Upper
93 100
66 42.1 32.0 48.0
65 21.5 16.1 24.1

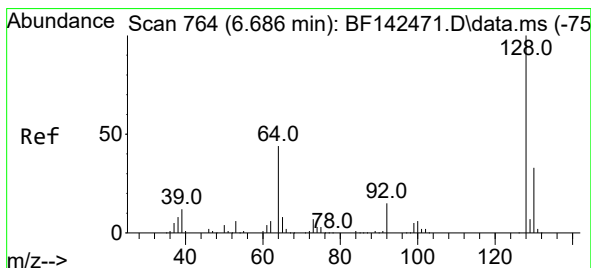
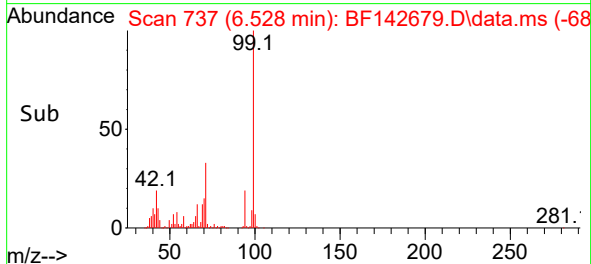
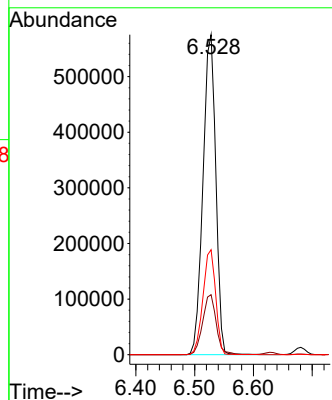
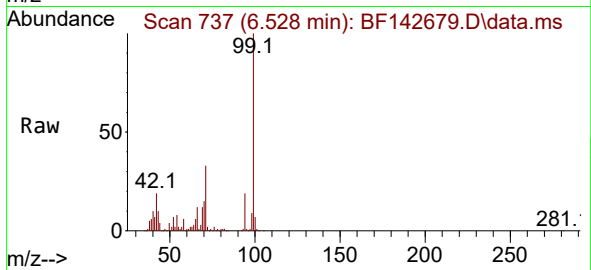




#7
Phenol-d6
Concen: 90.203 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

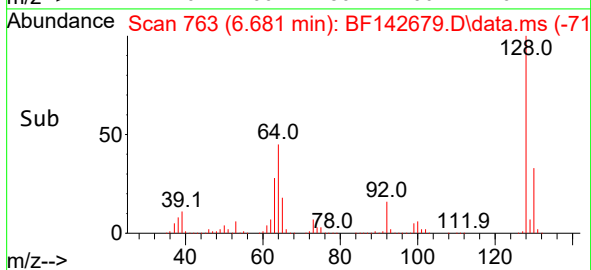
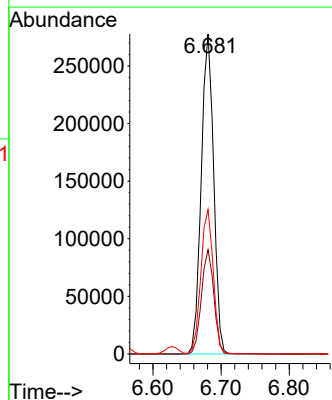
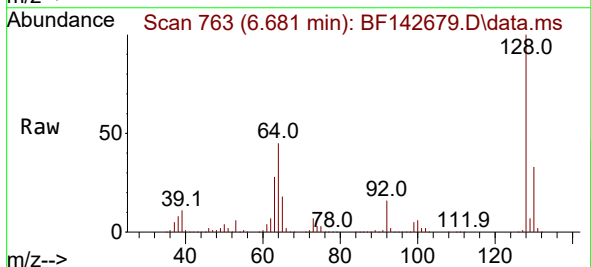
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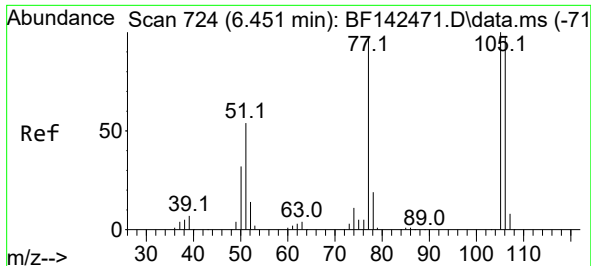
Tgt Ion: 99 Resp: 871663
Ion Ratio Lower Upper
99 100
42 18.7 16.2 24.2
71 32.8 27.3 40.9



#8
2-Chlorophenol
Concen: 40.303 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:128 Resp: 352400
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 45.1 25.1 65.1

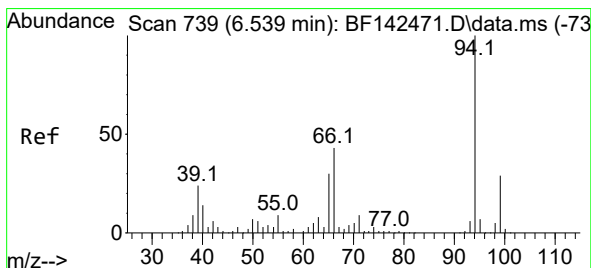
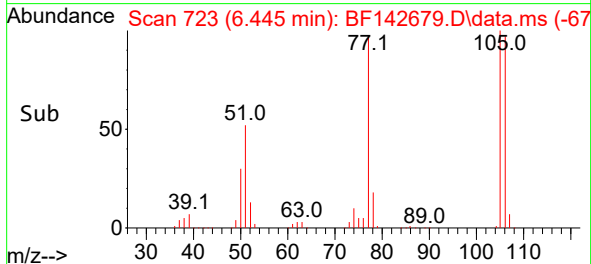
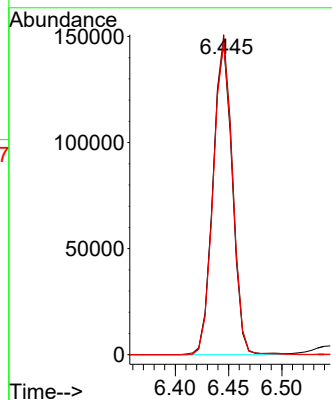
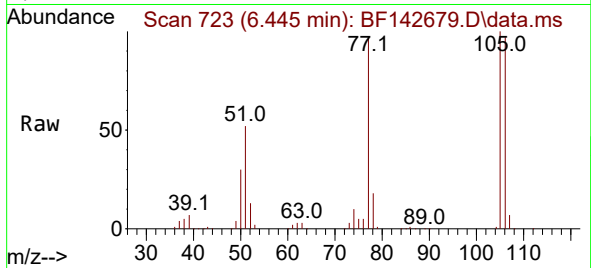




#9
Benzaldehyde
Concen: 31.695 ng
RT: 6.445 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

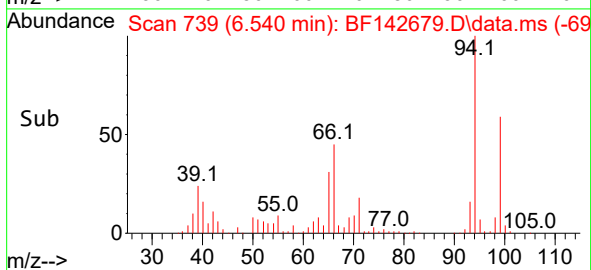
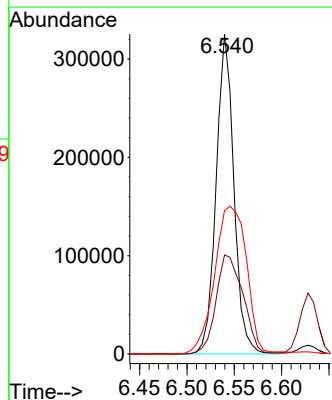
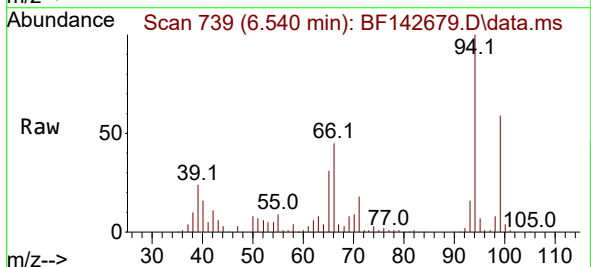
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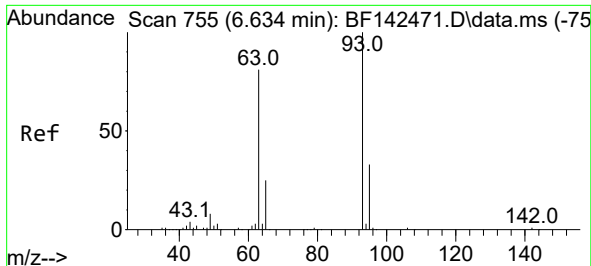
Tgt Ion: 77 Resp: 184218
Ion Ratio Lower Upper
77 100
105 103.0 82.5 122.5
106 100.3 80.0 120.0



#10
Phenol
Concen: 39.121 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion: 94 Resp: 425376
Ion Ratio Lower Upper
94 100
65 31.0 10.3 50.3
66 44.8 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 40.830 ng

RT: 6.628 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

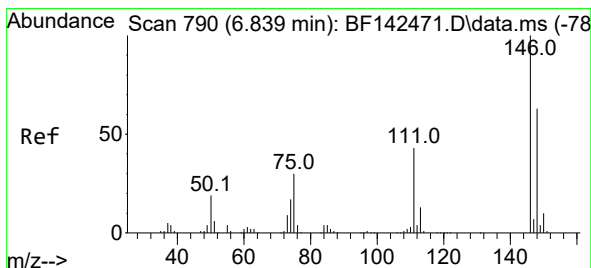
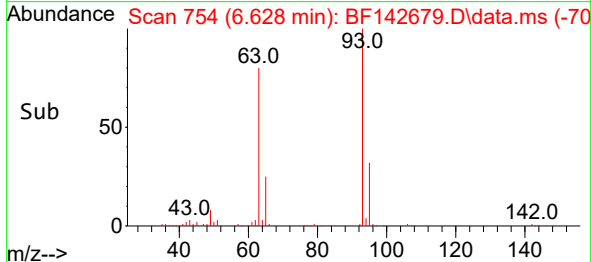
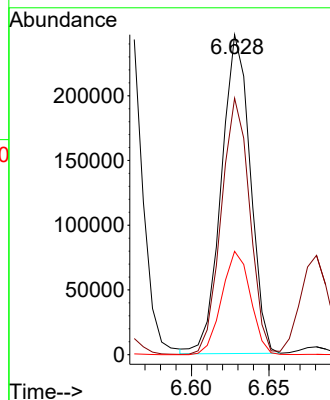
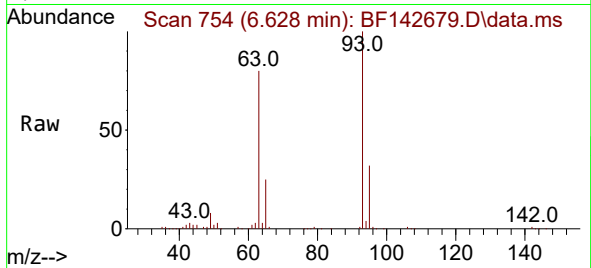
Tgt Ion: 93 Resp: 319578

Ion Ratio Lower Upper

93 100

63 80.2 60.2 100.2

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.159 ng

RT: 6.834 min Scan# 789

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

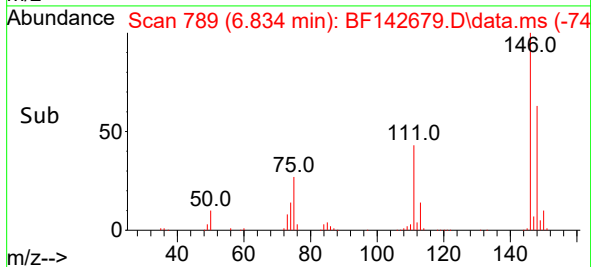
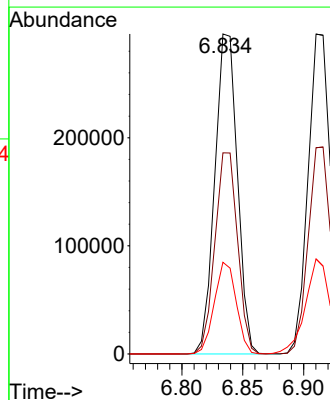
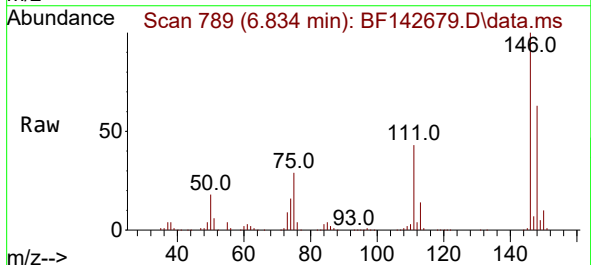
Tgt Ion: 146 Resp: 382065

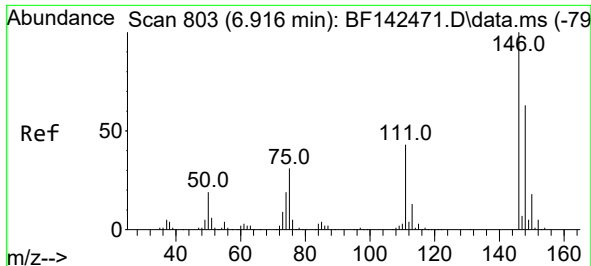
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

75 28.6 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 38.862 ng

RT: 6.910 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

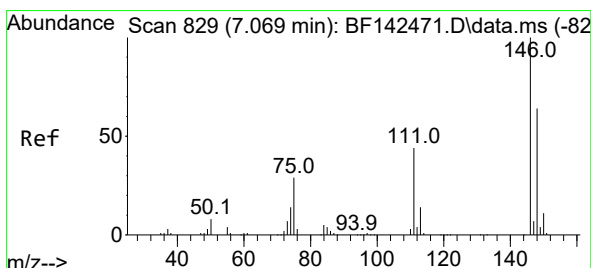
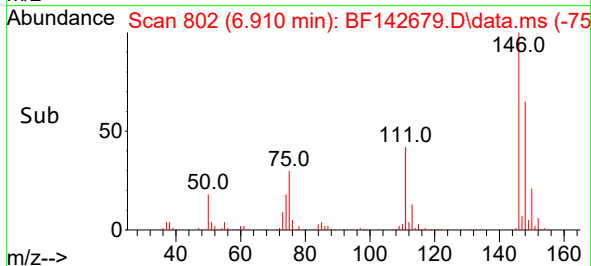
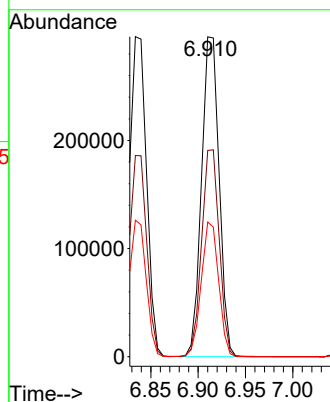
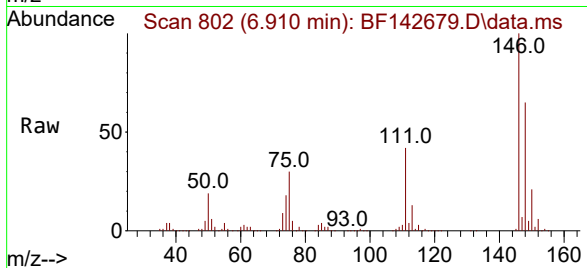
Tgt Ion:146 Resp: 381945

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

111 42.1 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 39.157 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

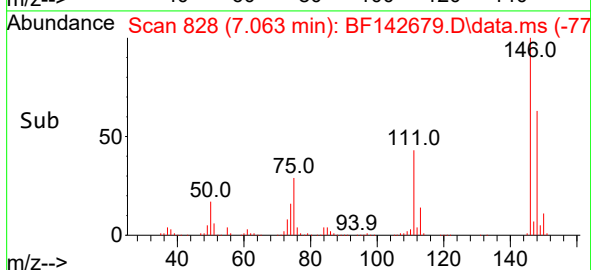
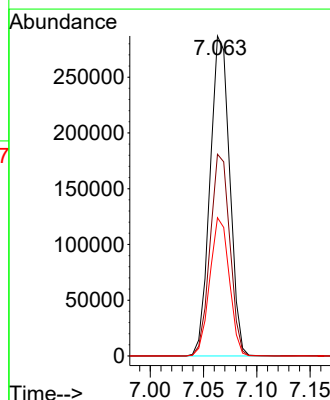
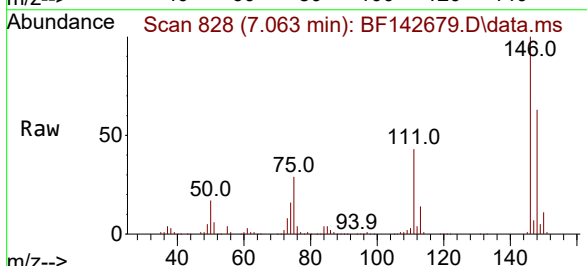
Tgt Ion:146 Resp: 368246

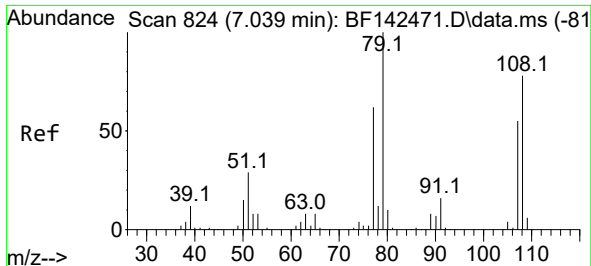
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

111 43.2 35.0 52.6

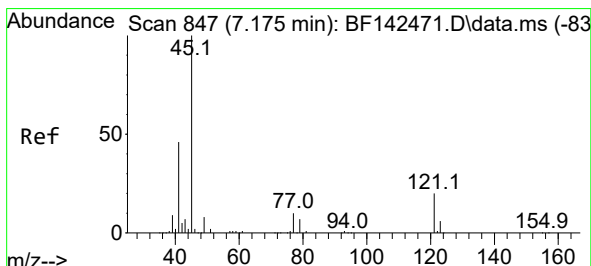
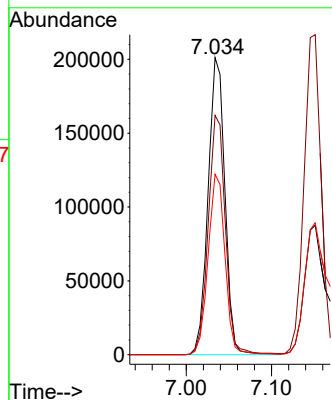
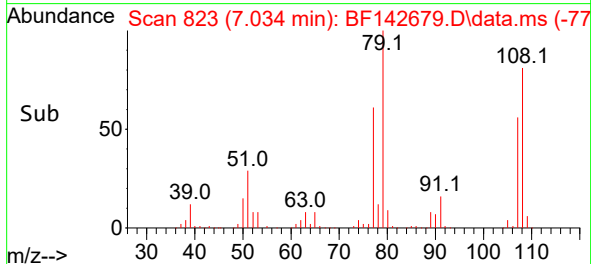
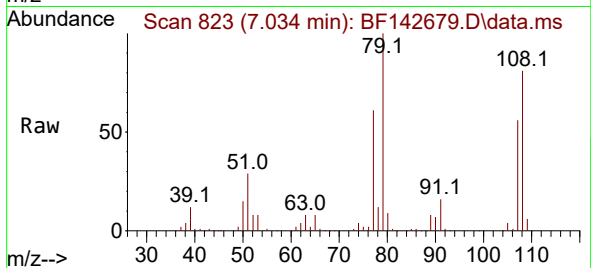




#15
Benzyl Alcohol
Concen: 38.731 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

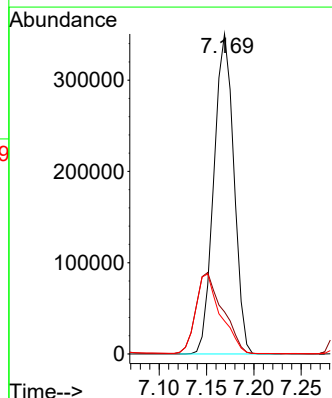
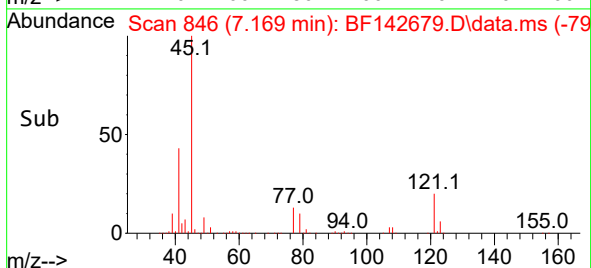
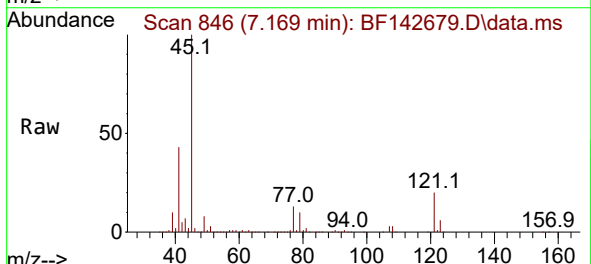
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

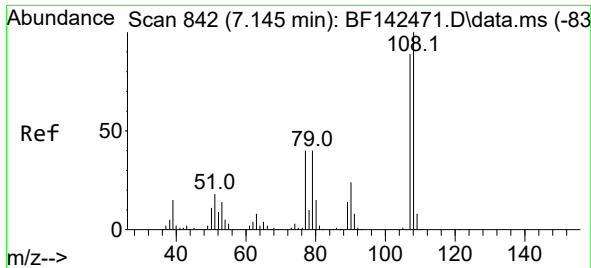
Tgt Ion: 79 Resp: 276587
Ion Ratio Lower Upper
79 100
108 80.5 62.1 93.1
77 60.8 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.141 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion: 45 Resp: 514477
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.0
79 10.3 0.0 29.2

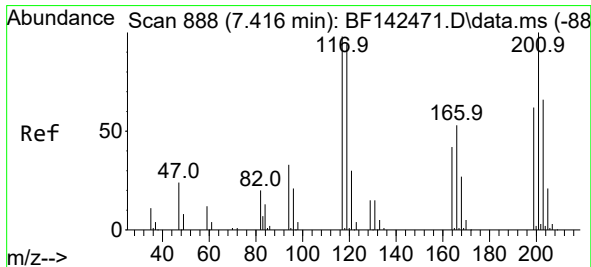
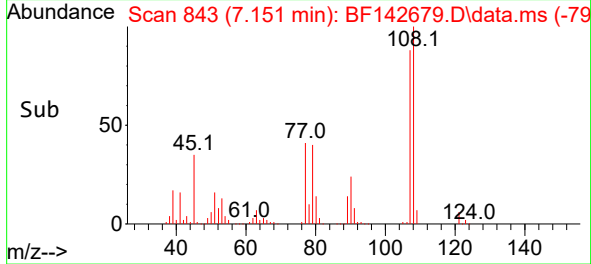
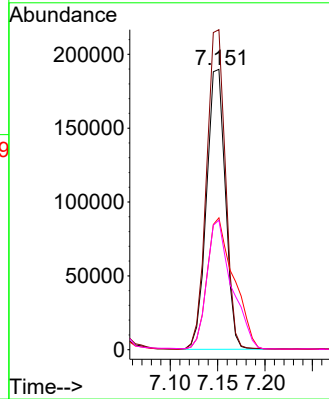
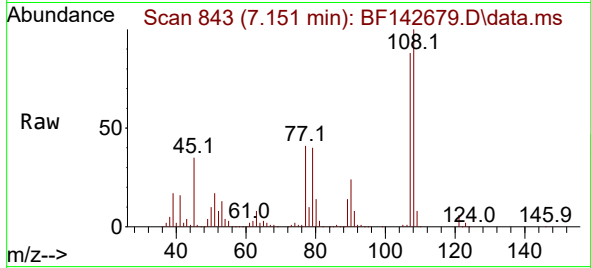




#17
2-Methylphenol
Concen: 38.432 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

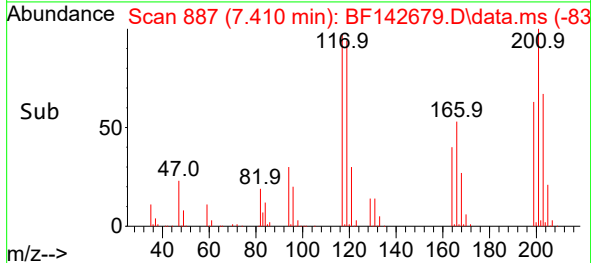
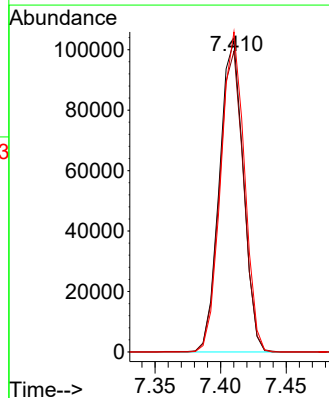
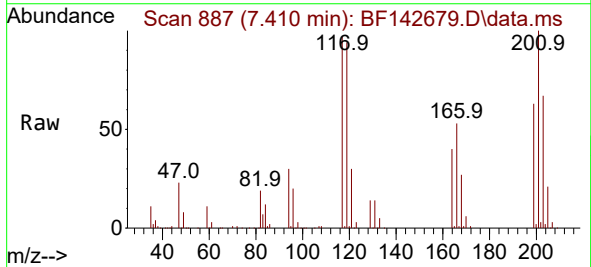
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

Tgt Ion:107 Resp: 262362
Ion Ratio Lower Upper
107 100
108 114.2 90.2 135.2
77 47.1 36.1 54.1
79 46.2 36.2 54.4



#18
Hexachloroethane
Concen: 38.018 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:117 Resp: 130472
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8
201 102.8 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 36.914 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142679.D

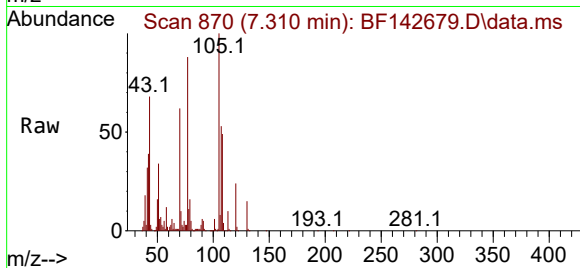
Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS



Tgt Ion: 70 Resp: 221075

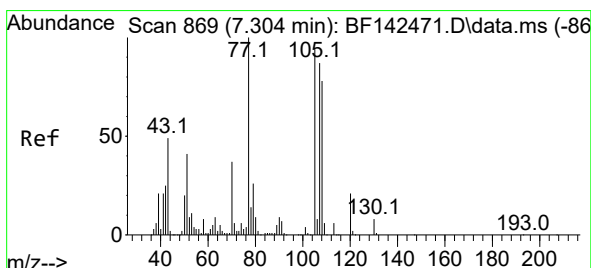
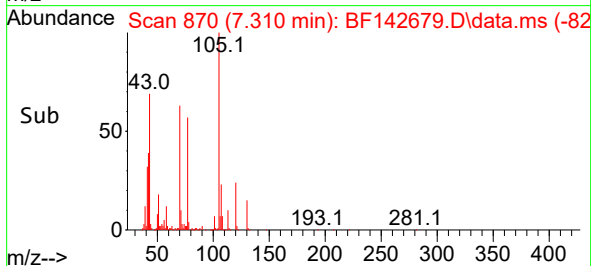
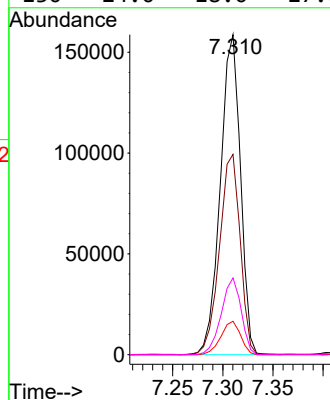
Ion Ratio Lower Upper

70 100

42 62.6 52.4 78.6

101 10.4 7.8 11.8

130 24.0 18.0 27.0



#20

3+4-Methylphenols

Concen: 36.174 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Tgt Ion: 107 Resp: 316236

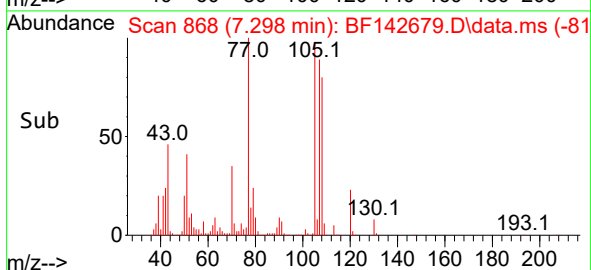
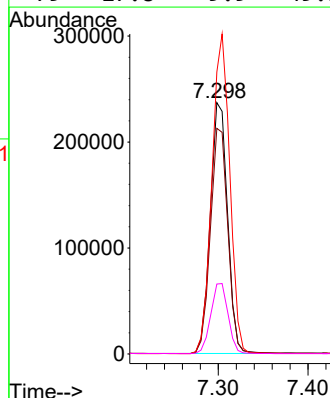
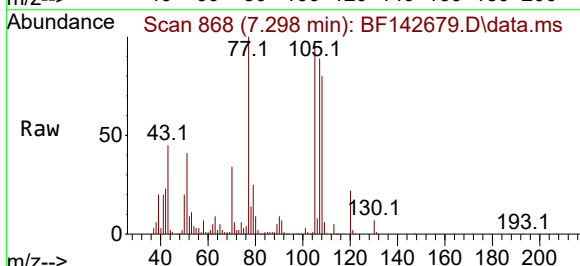
Ion Ratio Lower Upper

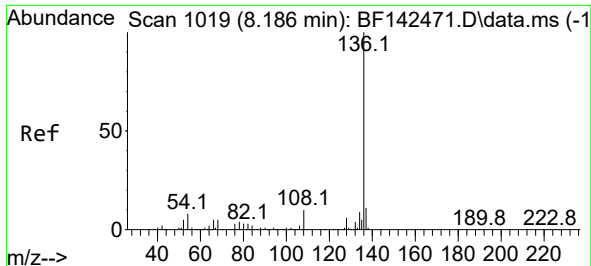
107 100

108 89.8 70.4 110.4

77 112.2 95.4 135.4

79 27.8 9.9 49.9

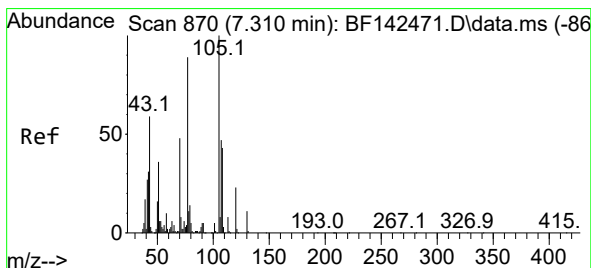
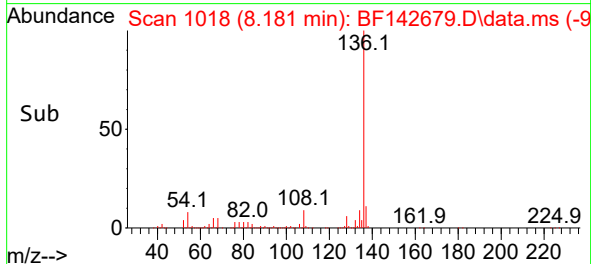
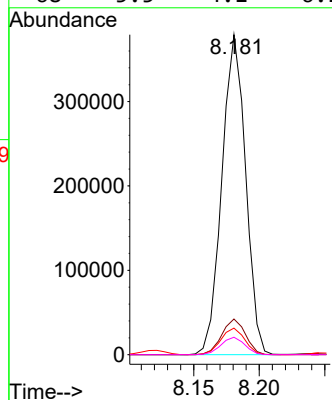
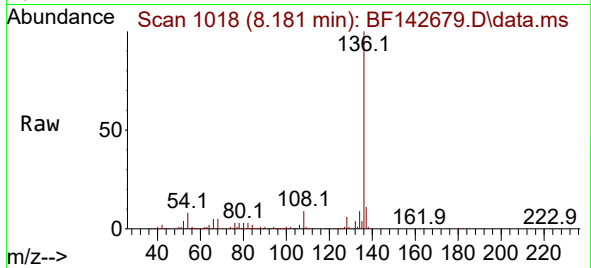




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

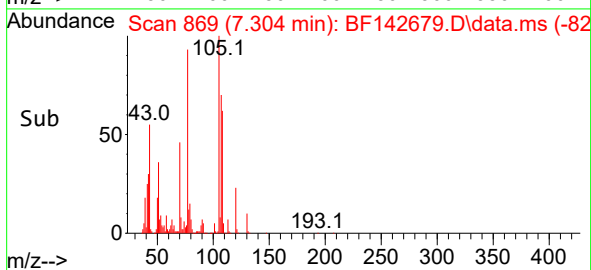
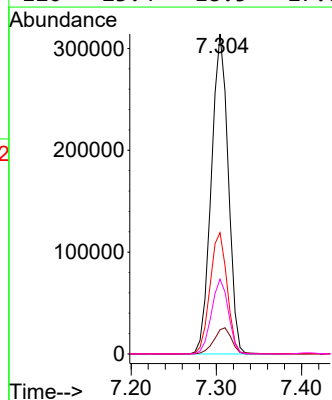
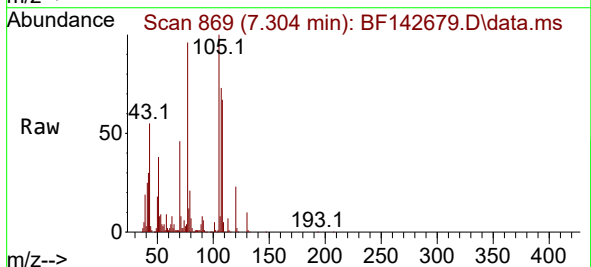
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

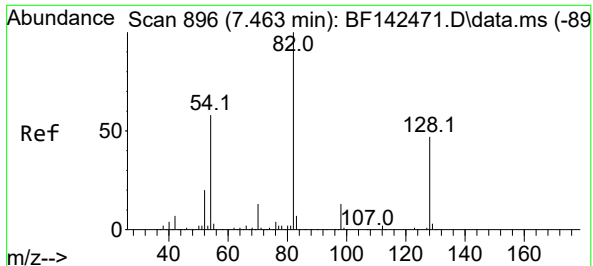
Tgt Ion:136 Resp: 476769
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.3 6.6 10.0
68 5.5 4.1 6.1



#22
Acetophenone
Concen: 41.055 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:105 Resp: 433298
Ion Ratio Lower Upper
105 100
71 7.6 6.4 9.6
51 37.9 28.6 42.8
120 23.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 58.750 ng

RT: 7.457 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

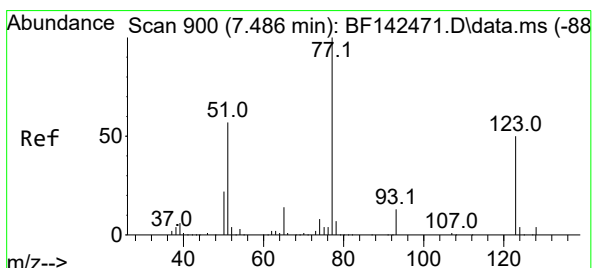
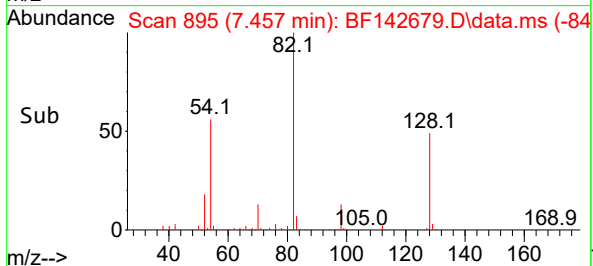
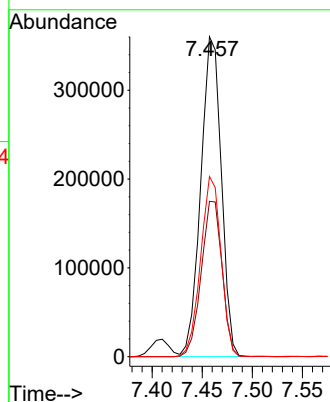
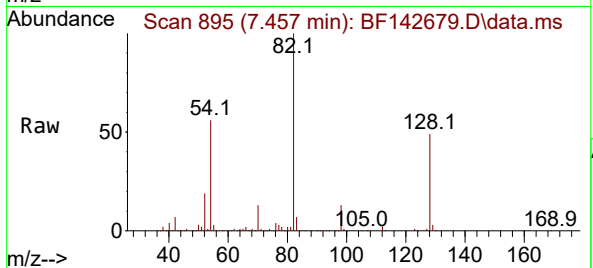
Tgt Ion: 82 Resp: 513680

Ion Ratio Lower Upper

82 100

128 48.6 37.4 56.2

54 56.3 46.6 70.0



#24

Nitrobenzene

Concen: 41.632 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

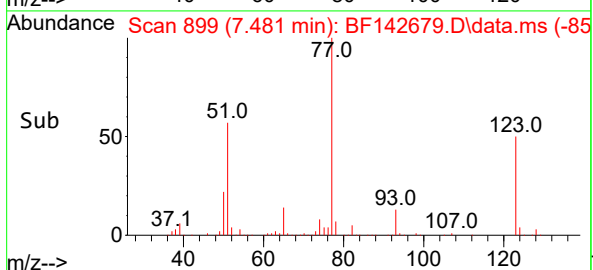
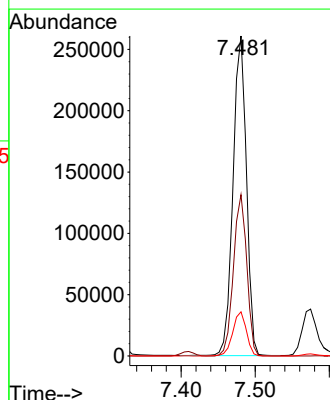
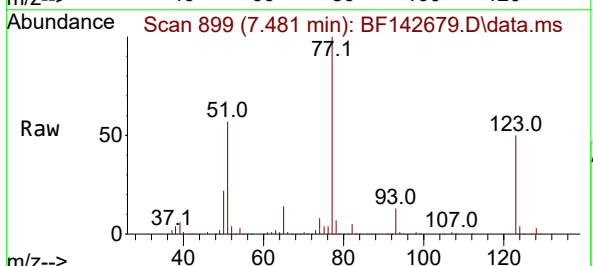
Tgt Ion: 77 Resp: 328304

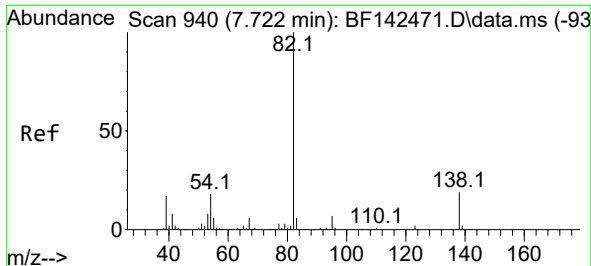
Ion Ratio Lower Upper

77 100

123 50.4 40.6 61.0

65 13.8 11.4 17.2

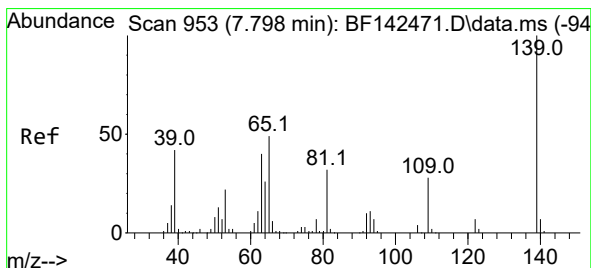
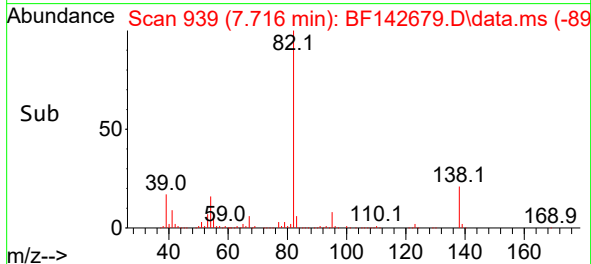
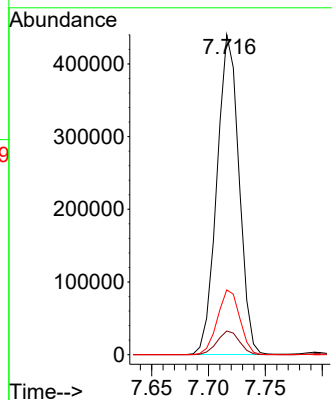
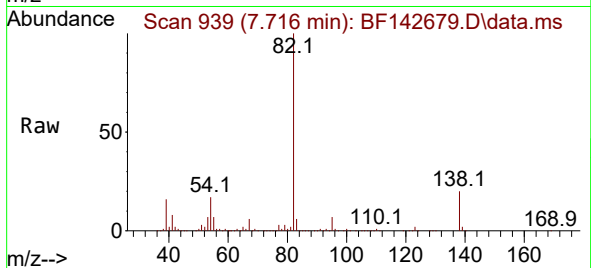




#25
Isophorone
Concen: 40.731 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

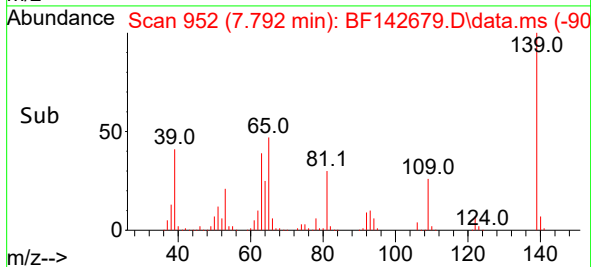
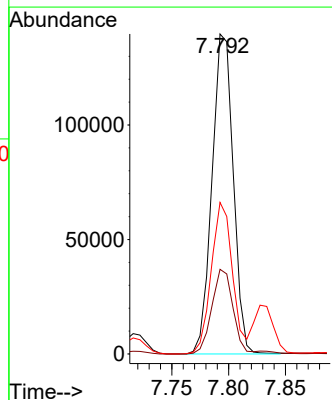
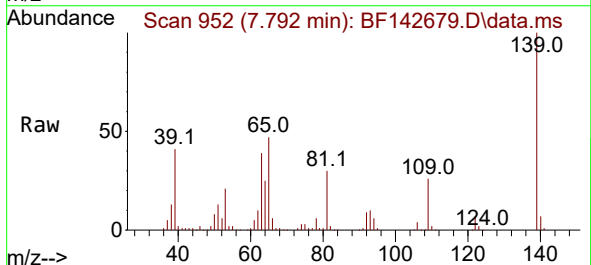
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

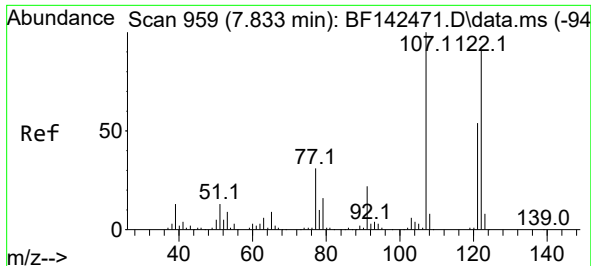
Tgt Ion: 82 Resp: 595422
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.3 15.5 23.3



#26
2-Nitrophenol
Concen: 43.189 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:139 Resp: 181984
Ion Ratio Lower Upper
139 100
109 26.5 22.6 33.8
65 47.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 41.363 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

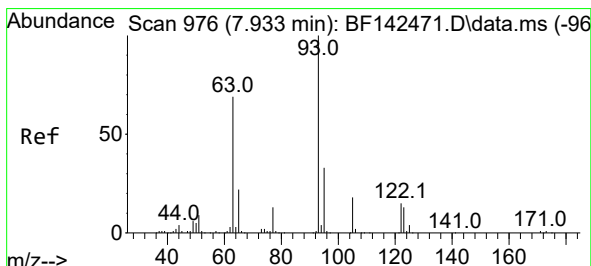
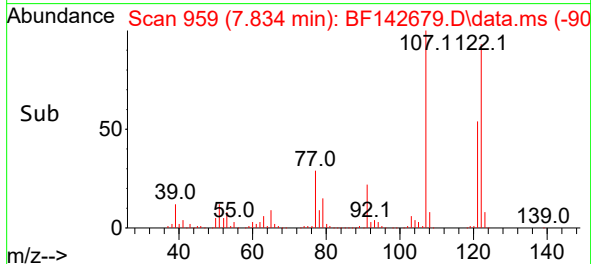
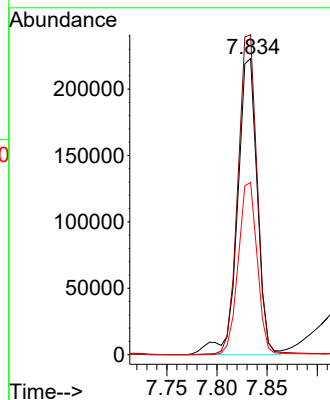
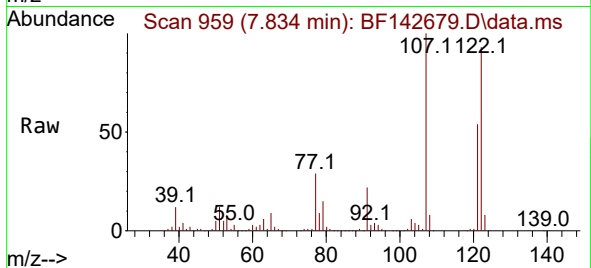
Tgt Ion:122 Resp: 307364

Ion Ratio Lower Upper

122 100

107 108.1 88.1 132.1

121 58.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.582 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

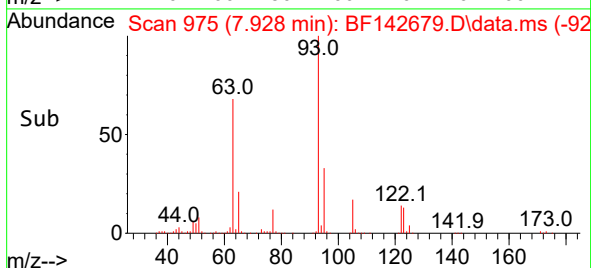
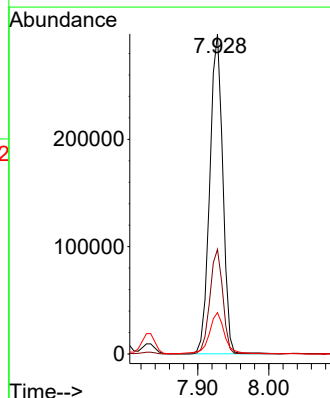
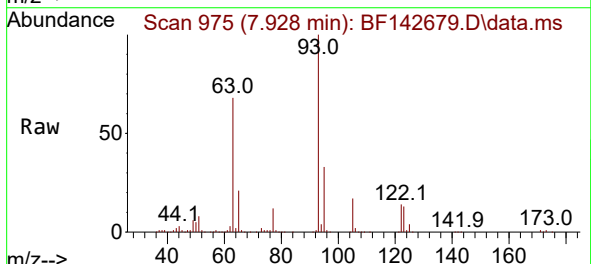
Tgt Ion: 93 Resp: 379721

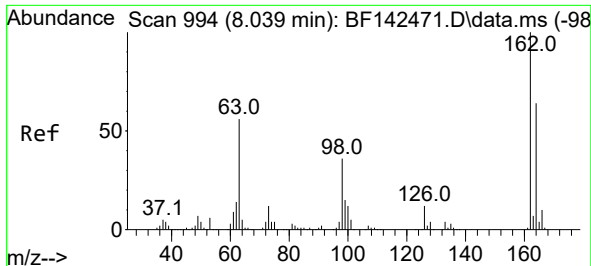
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.9 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 39.875 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

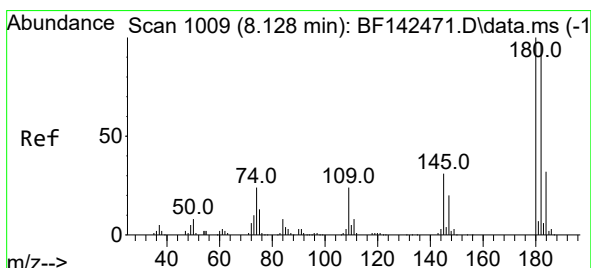
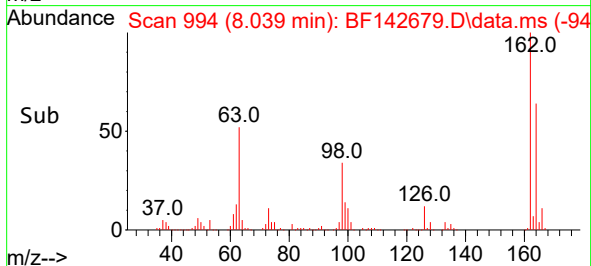
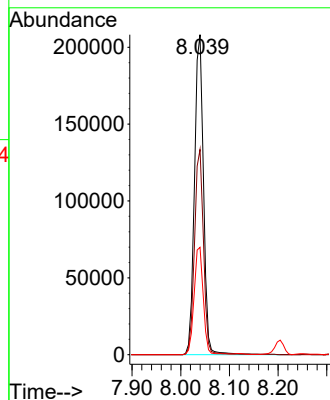
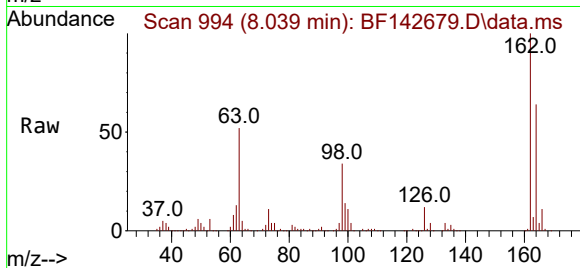
Tgt Ion:162 Resp: 269464

Ion Ratio Lower Upper

162 100

164 64.2 43.7 83.7

98 33.6 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 40.643 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

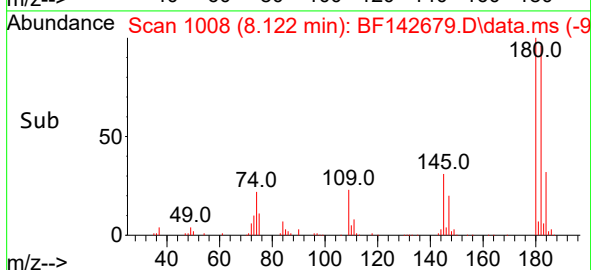
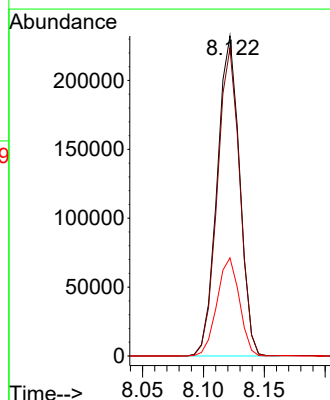
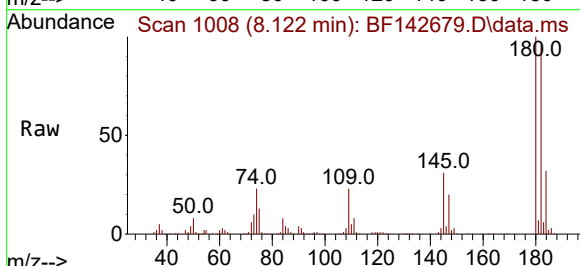
Tgt Ion:180 Resp: 298075

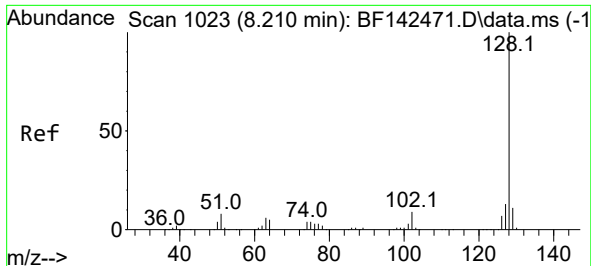
Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

145 30.7 25.0 37.6

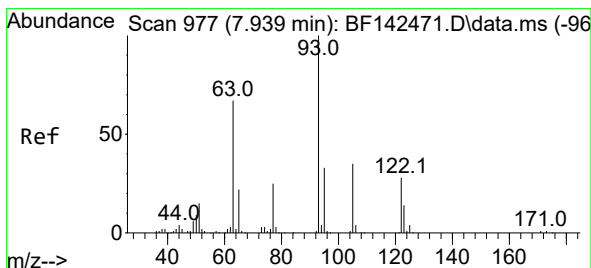
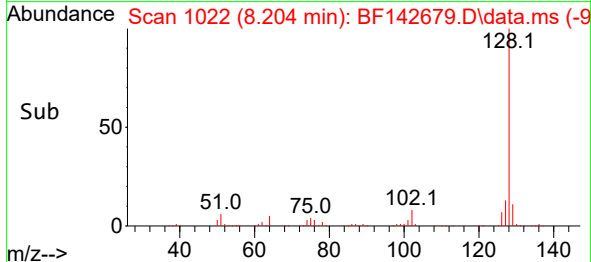
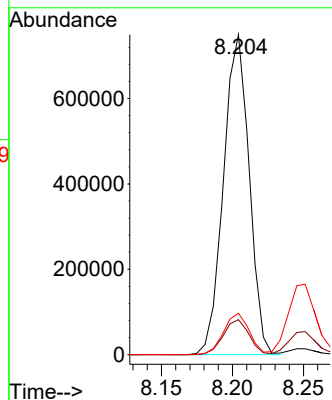
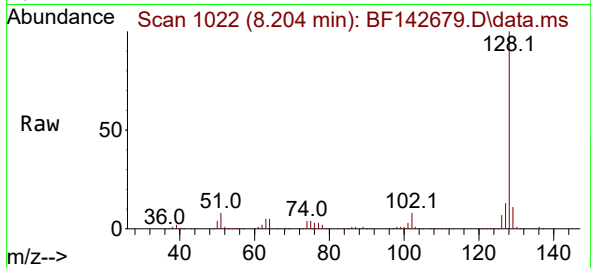




#31
Naphthalene
Concen: 40.090 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

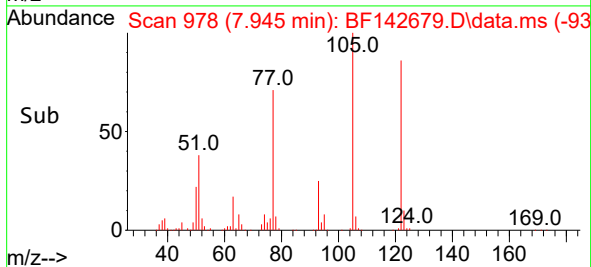
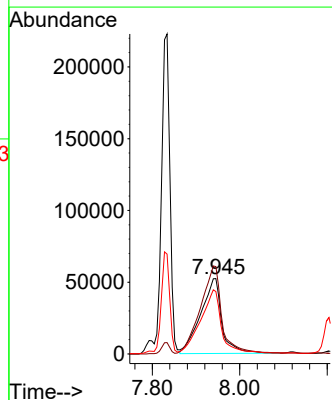
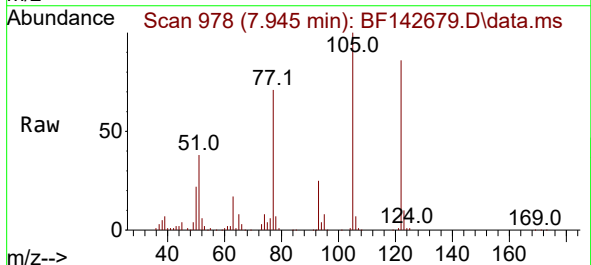
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

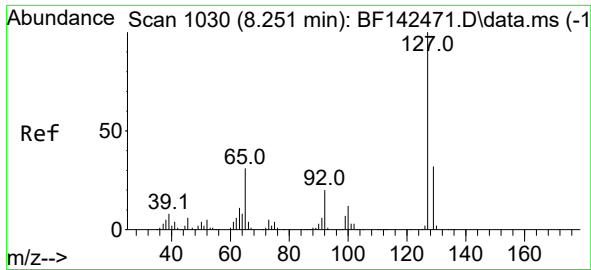
Tgt Ion:128 Resp: 941152
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 38.857 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:122 Resp: 175761
Ion Ratio Lower Upper
122 100
105 115.8 101.7 141.7
77 82.7 69.5 109.5

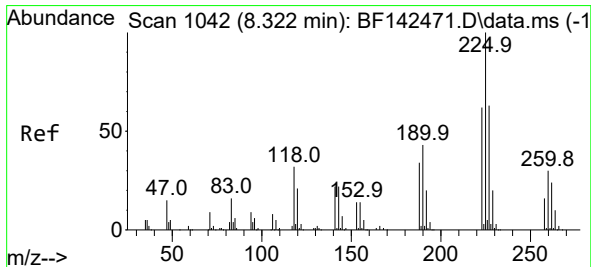
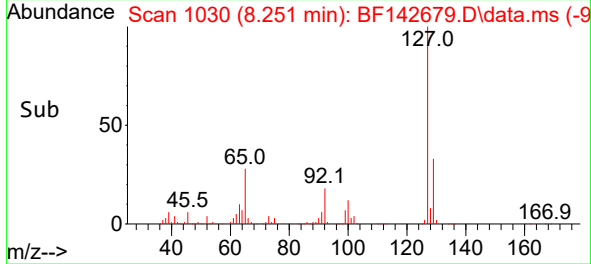
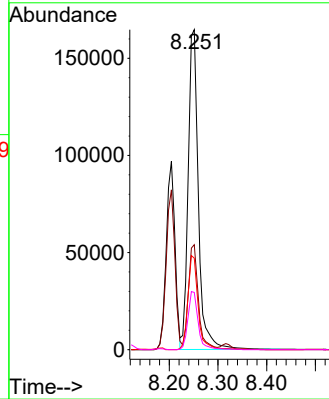
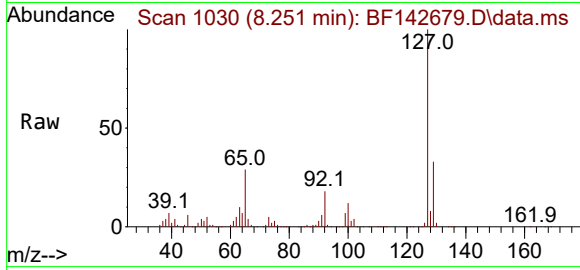




#33
4-Chloroaniline
Concen: 25.214 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

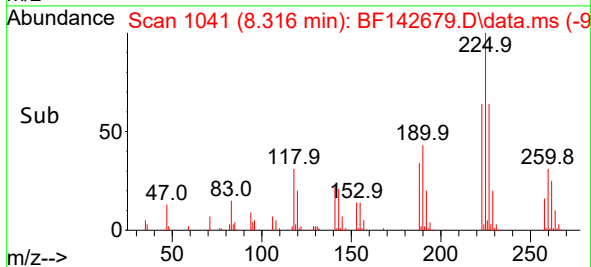
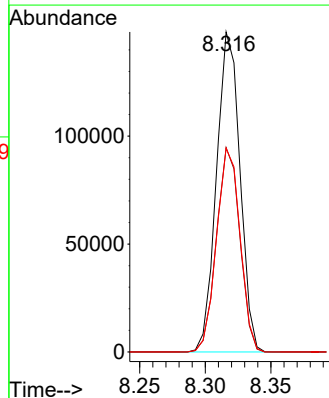
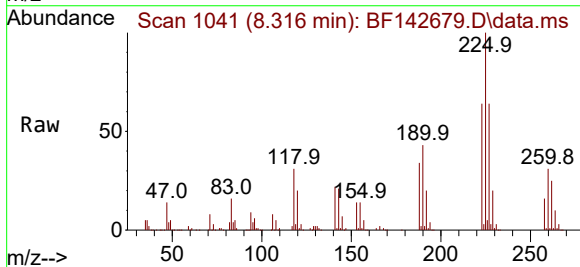
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

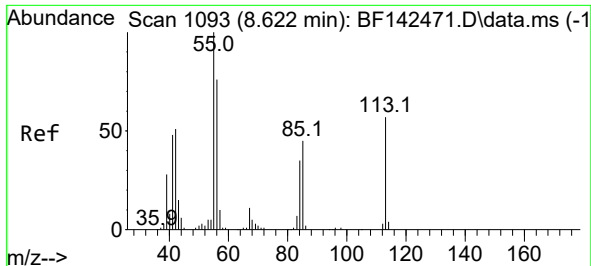
Tgt Ion:	127	Resp:	239847
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	28.6	24.9	37.3
92	17.9	15.6	23.4



#34
Hexachlorobutadiene
Concen: 40.255 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:	225	Resp:	184339
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.7	74.5
227	63.6	50.3	75.5

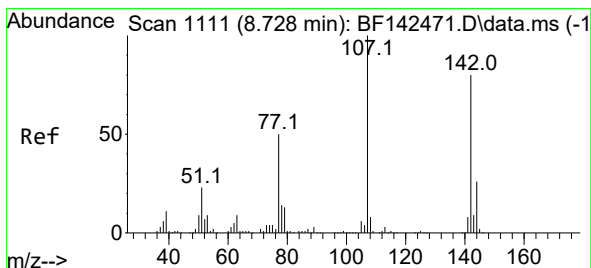
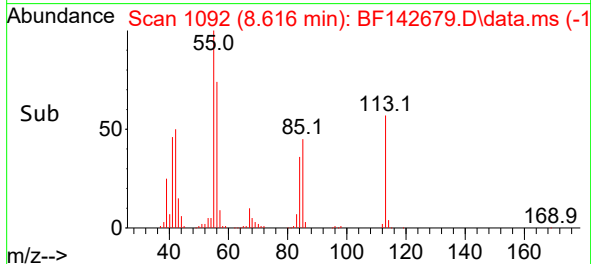
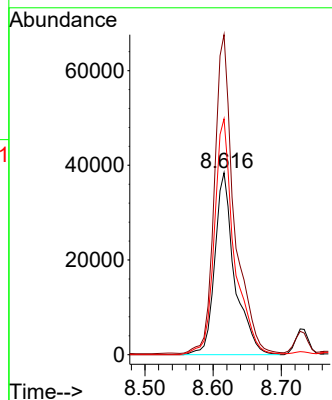
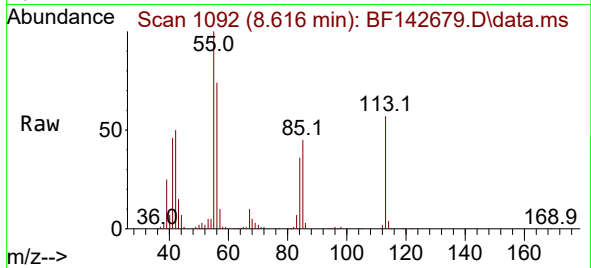




#35
 Caprolactam
 Concen: 40.876 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

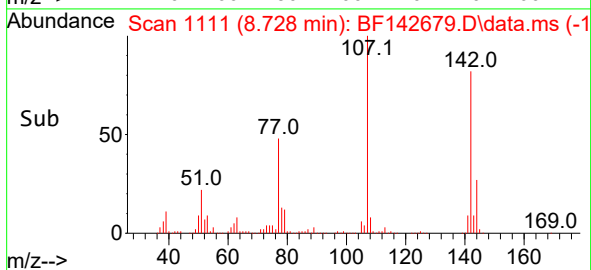
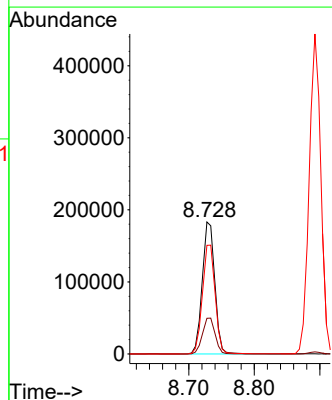
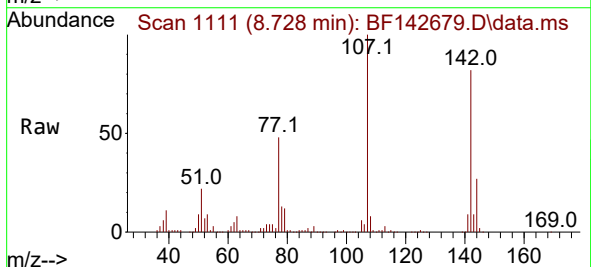
Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHCMS

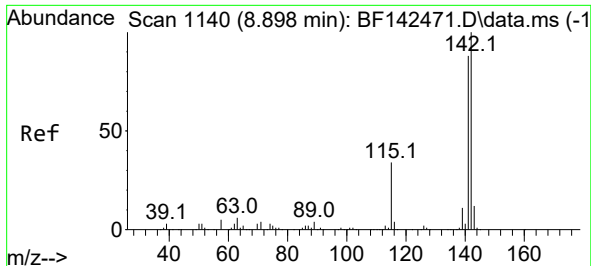
Tgt Ion:113 Resp: 77580
 Ion Ratio Lower Upper
 113 100
 55 175.9 154.7 194.7
 56 129.6 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 35.368 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

Tgt Ion:107 Resp: 244942
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.9 31.3
 142 82.3 64.2 96.2

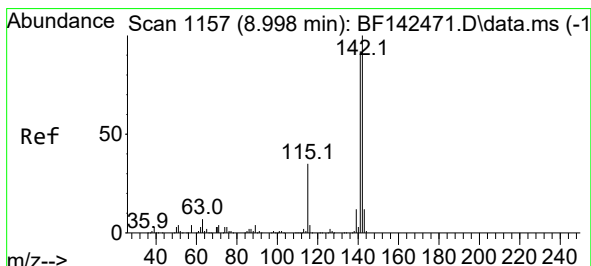
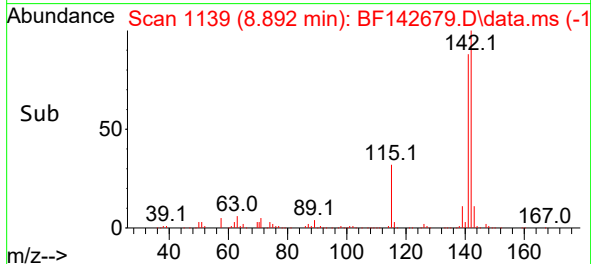
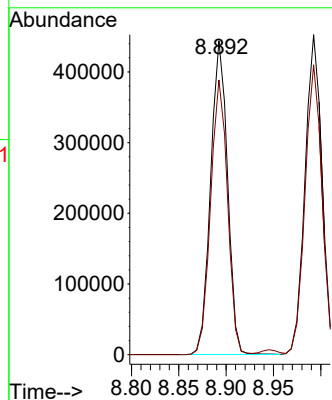
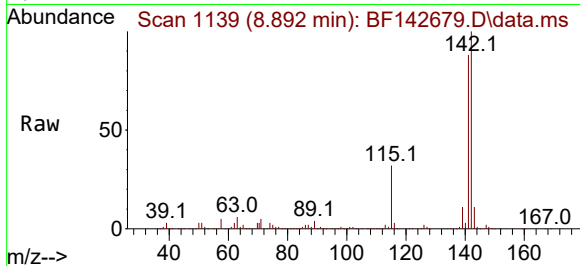




#37
2-Methylnaphthalene
Concen: 37.231 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

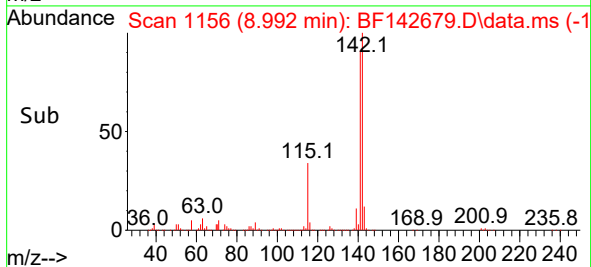
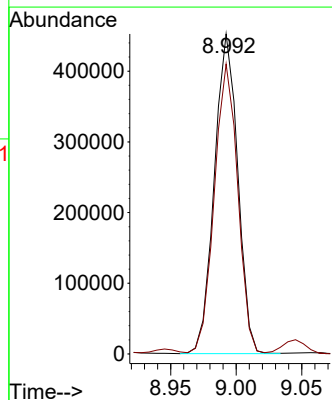
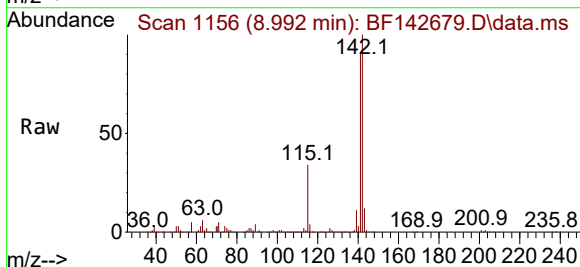
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

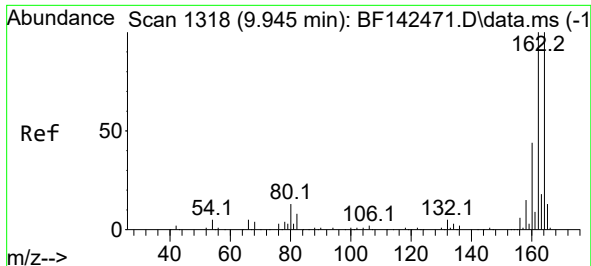
Tgt Ion:142 Resp: 549872
Ion Ratio Lower Upper
142 100
141 87.5 70.7 106.1



#38
1-Methylnaphthalene
Concen: 36.673 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:142 Resp: 560250
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

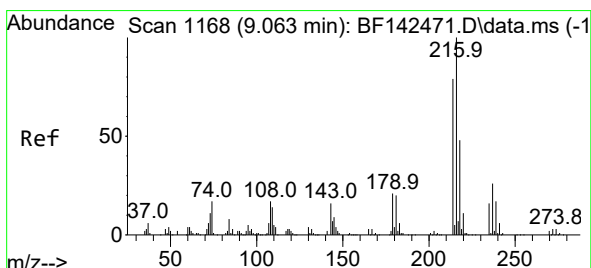
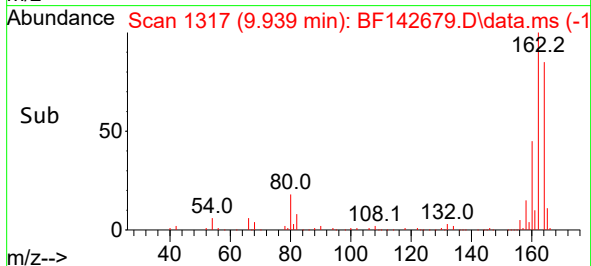
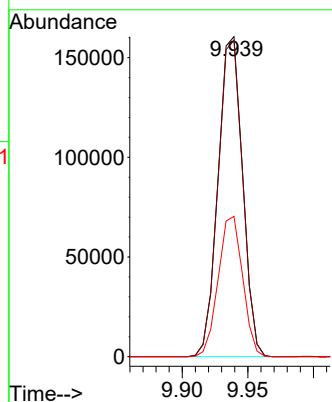
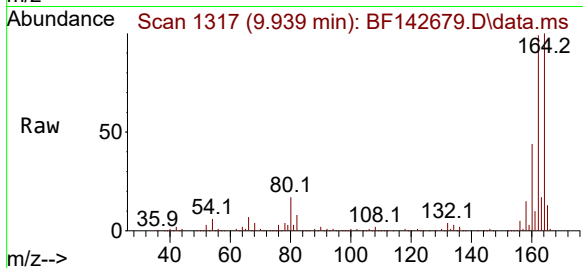
Tgt Ion:164 Resp: 208406

Ion Ratio Lower Upper

164 100

162 98.8 80.2 120.4

160 43.9 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.946 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Tgt Ion:216 Resp: 274872

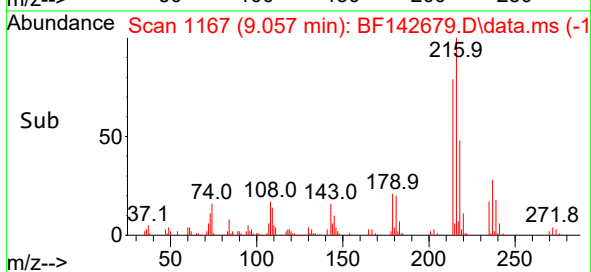
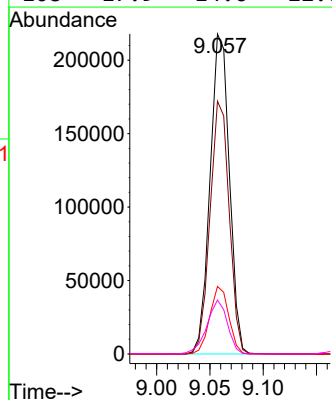
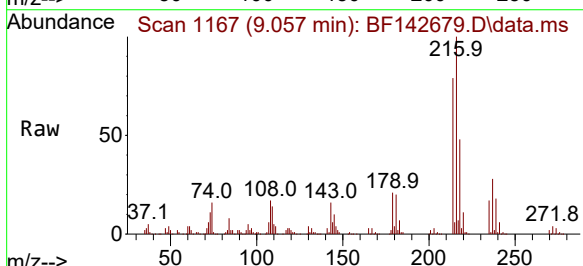
Ion Ratio Lower Upper

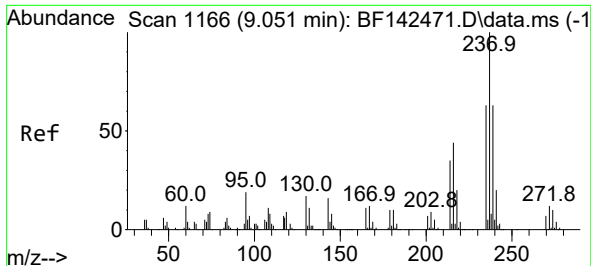
216 100

214 78.5 62.9 94.3

179 20.7 16.9 25.3

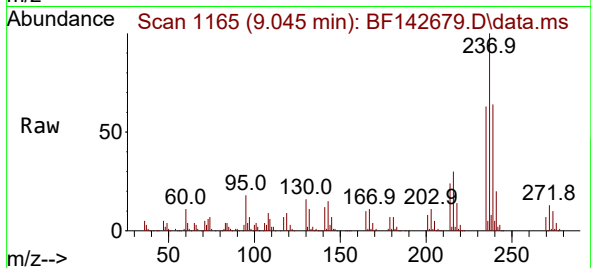
108 17.9 14.6 22.0



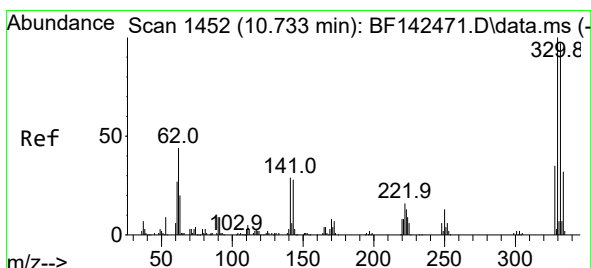
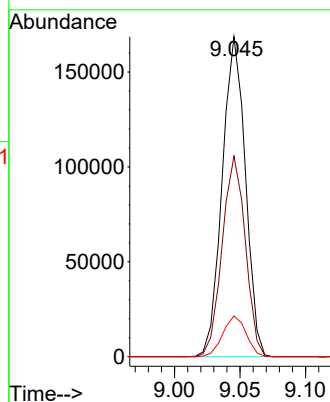
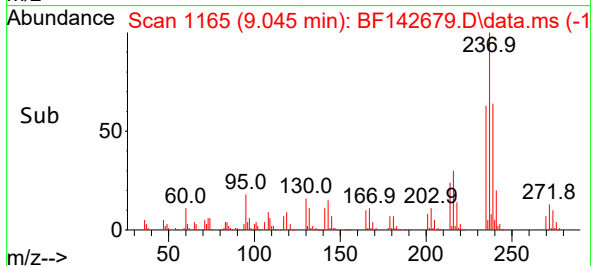


#41
Hexachlorocyclopentadiene
Concen: 51.316 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

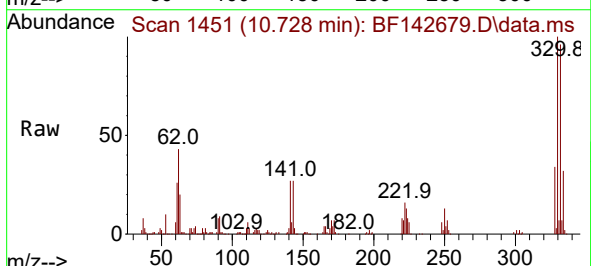
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS



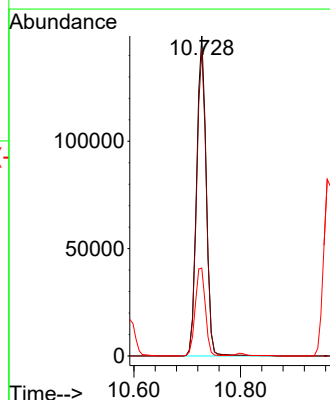
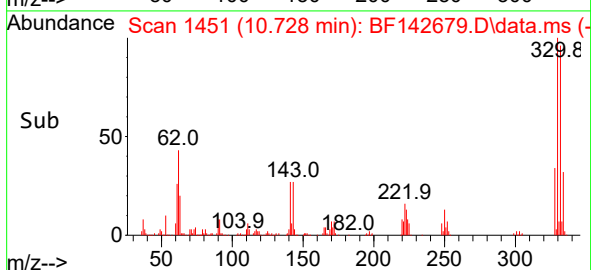
Tgt Ion:237 Resp: 207096
Ion Ratio Lower Upper
237 100
235 62.6 43.3 83.3
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 80.642 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00



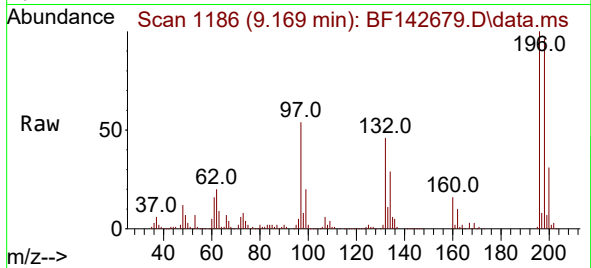
Tgt Ion:330 Resp: 186528
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 29.2 24.6 36.8



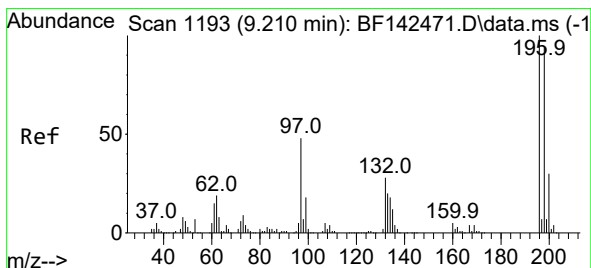
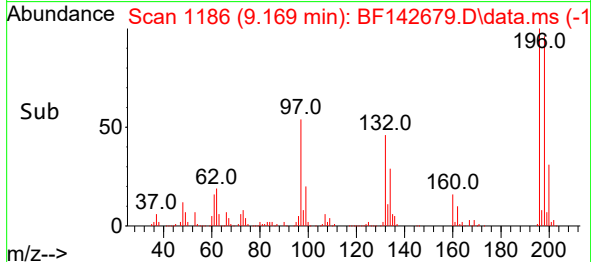
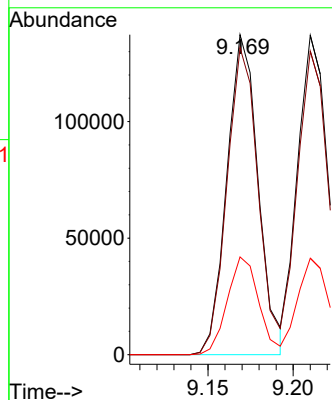


#43
 2,4,6-Trichlorophenol
 Concen: 43.527 ng
 RT: 9.169 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHCMS

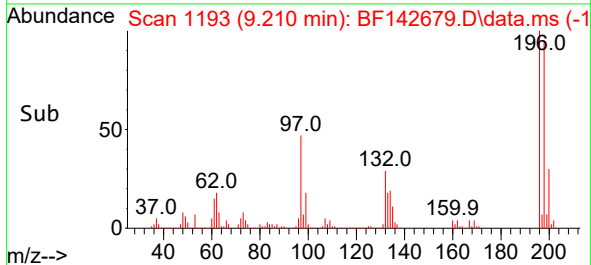
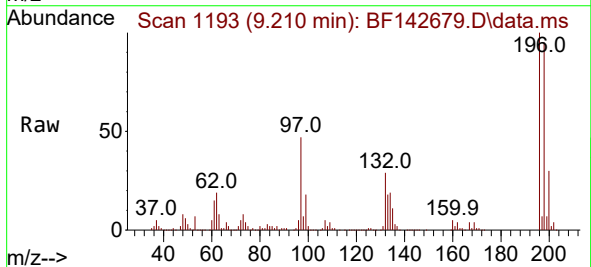
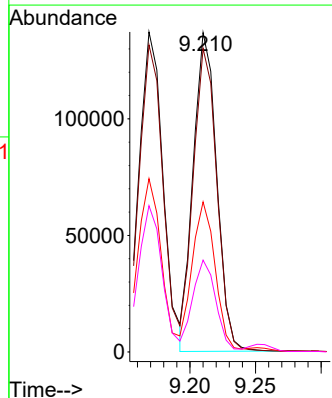


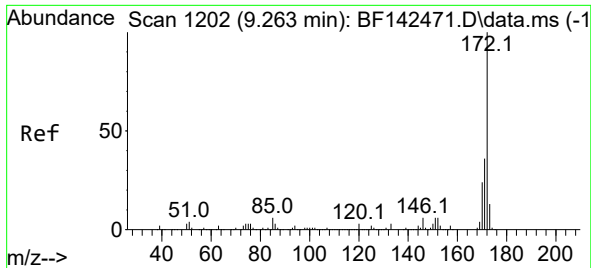
Tgt Ion:196 Resp: 175591
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.8 118.2
 200 30.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.043 ng
 RT: 9.210 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

Tgt Ion:196 Resp: 170363
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.5 113.3
 97 47.0 39.3 58.9
 132 28.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 60.365 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

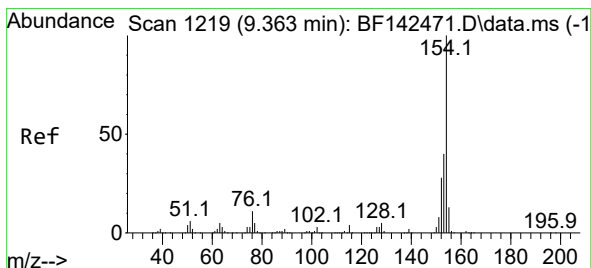
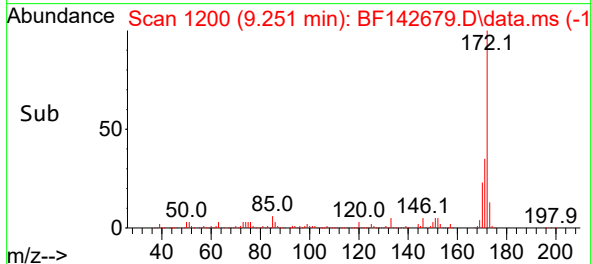
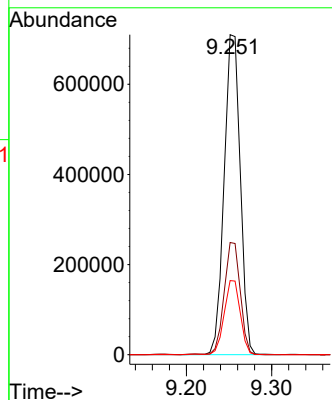
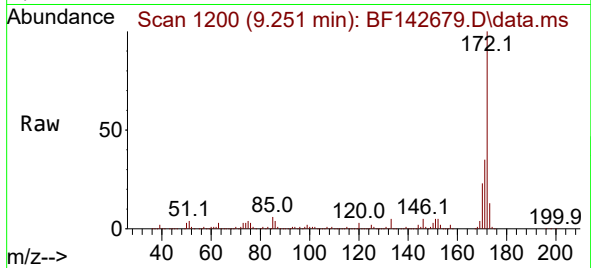
Tgt Ion:172 Resp: 937531

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 44.495 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

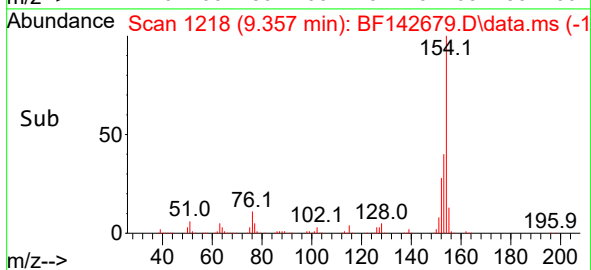
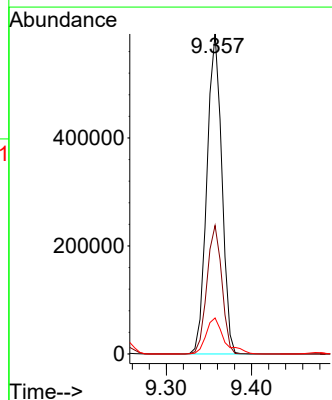
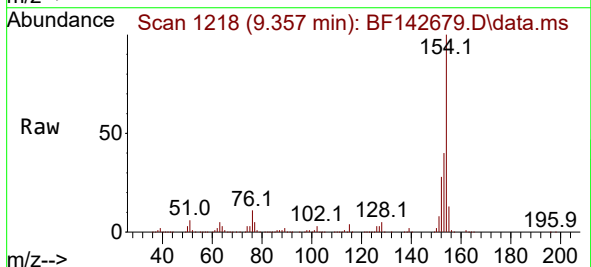
Tgt Ion:154 Resp: 719425

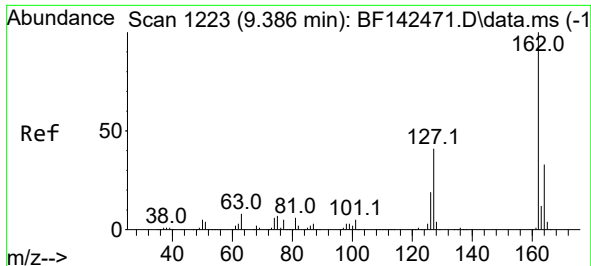
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.995 ng

RT: 9.381 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

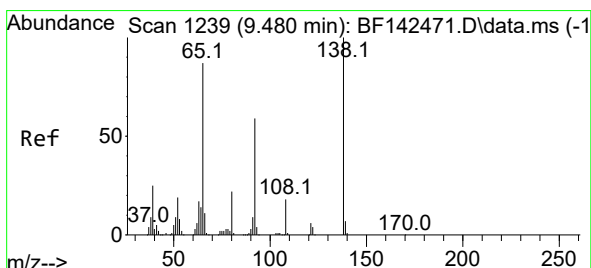
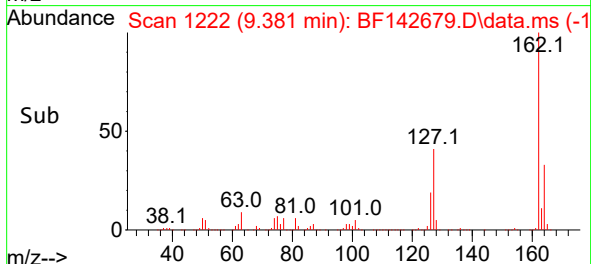
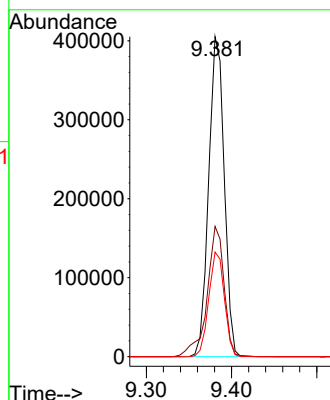
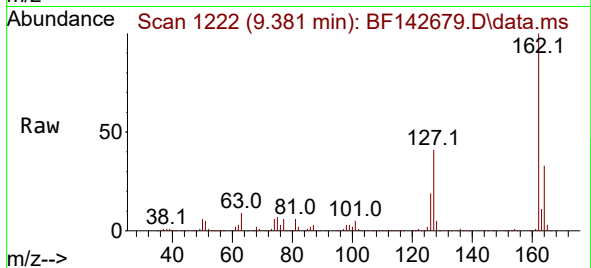
Tgt Ion:162 Resp: 513618

Ion Ratio Lower Upper

162 100

127 40.7 33.5 50.3

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 42.134 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

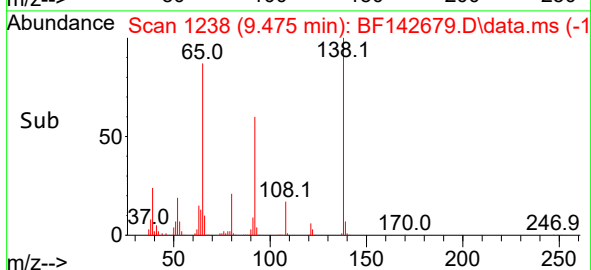
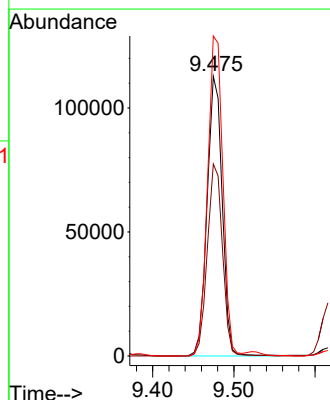
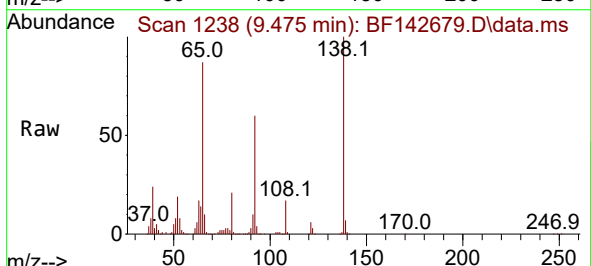
Tgt Ion: 65 Resp: 145485

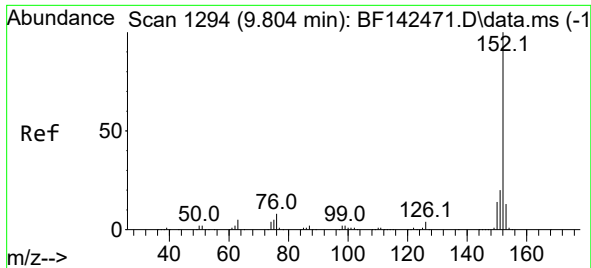
Ion Ratio Lower Upper

65 100

92 68.6 54.4 81.6

138 114.4 91.4 137.2





#49

Acenaphthylene

Concen: 40.696 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

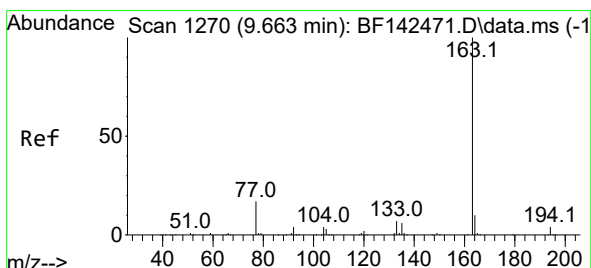
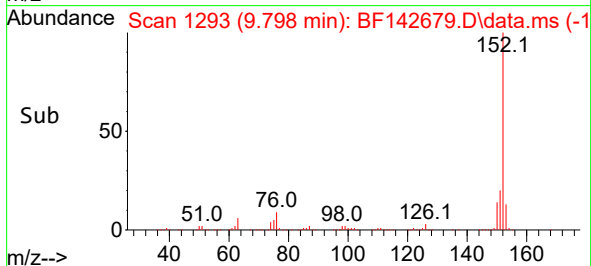
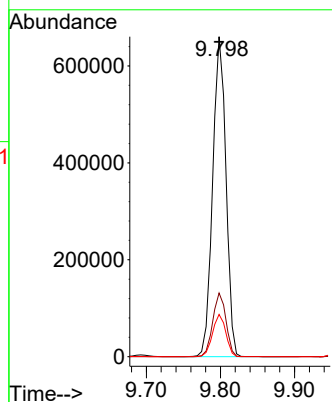
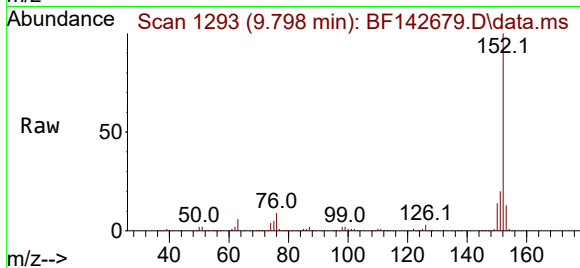
Tgt Ion:152 Resp: 820902

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 44.367 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

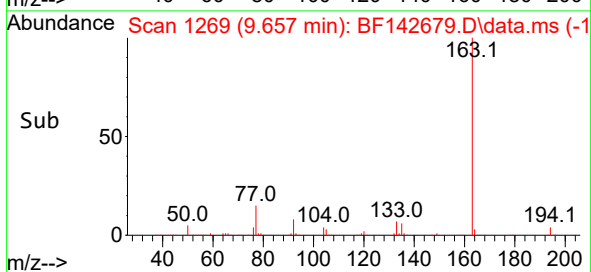
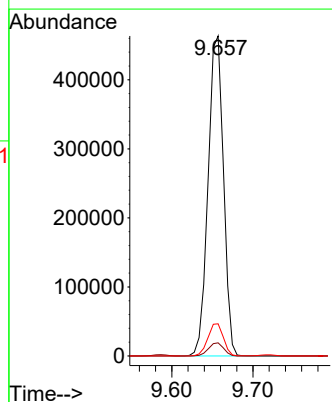
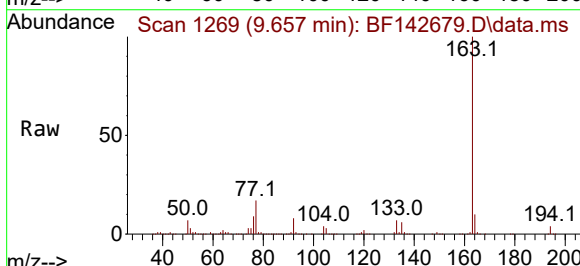
Tgt Ion:163 Resp: 610106

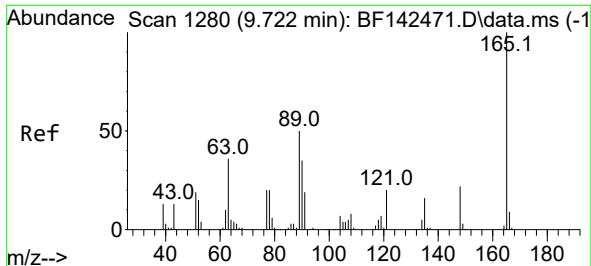
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.2 12.4

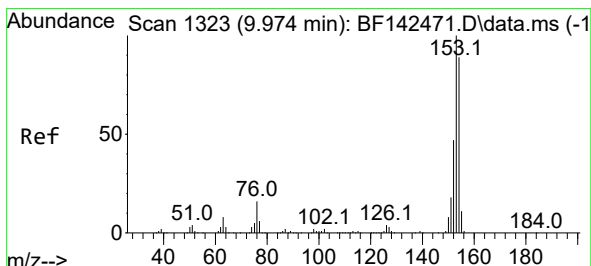
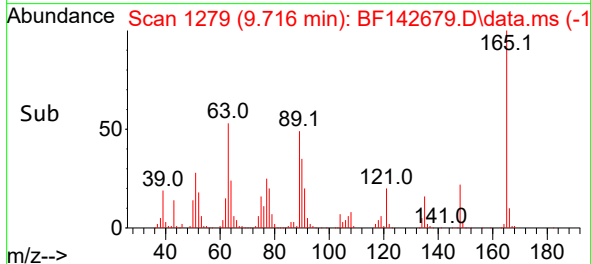
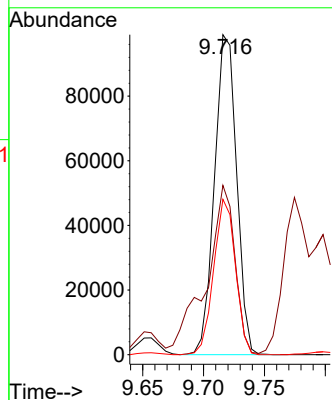
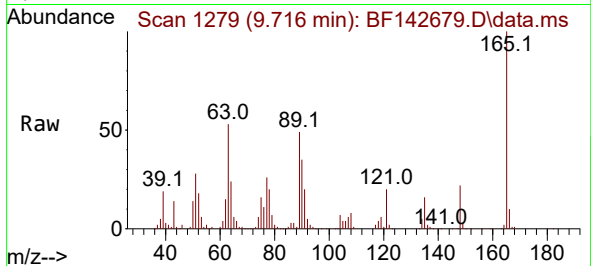




#51
2,6-Dinitrotoluene
Concen: 42.285 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

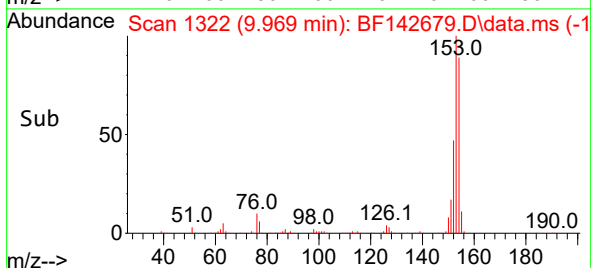
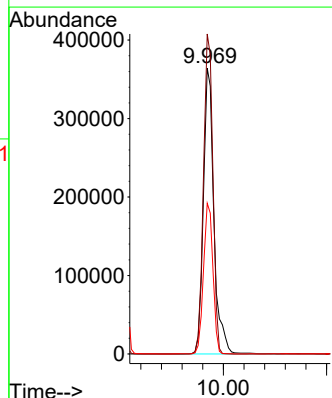
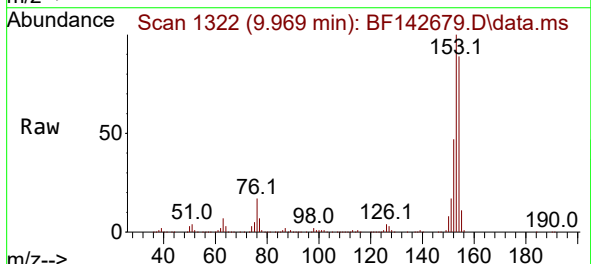
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

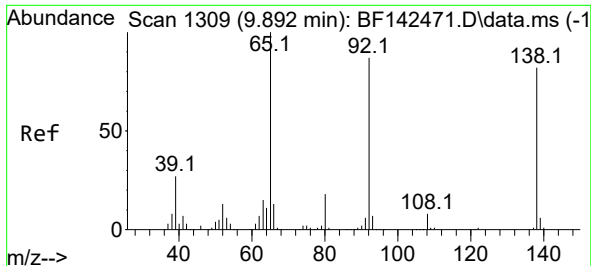
Tgt Ion:165 Resp: 125500
Ion Ratio Lower Upper
165 100
63 52.9 42.9 64.3
89 48.6 40.2 60.4



#52
Acenaphthene
Concen: 41.671 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:154 Resp: 513271
Ion Ratio Lower Upper
154 100
153 112.0 90.0 135.0
152 52.7 42.6 64.0

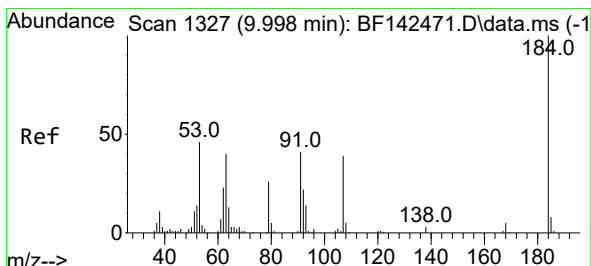
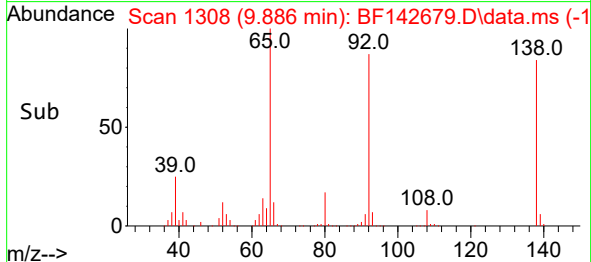
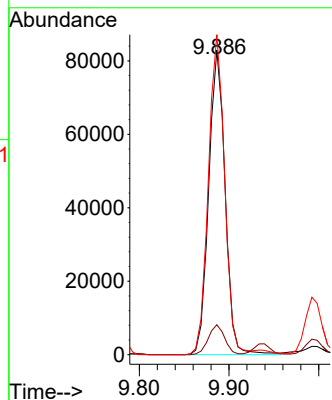
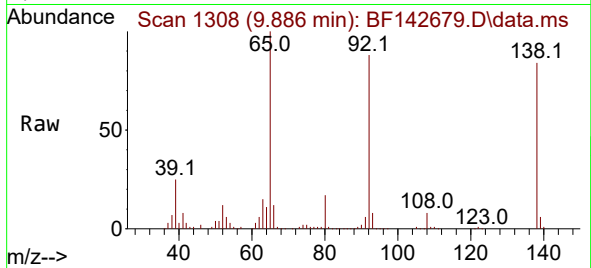




#53
3-Nitroaniline
Concen: 32.448 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

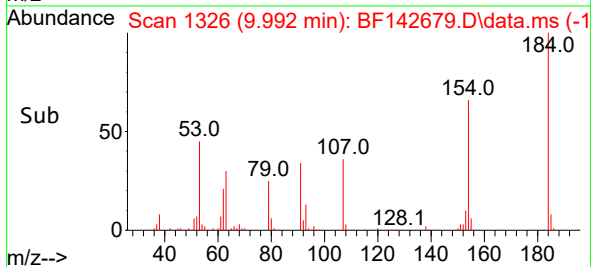
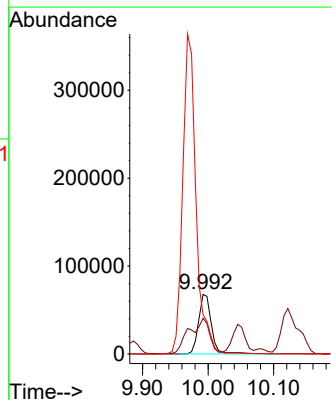
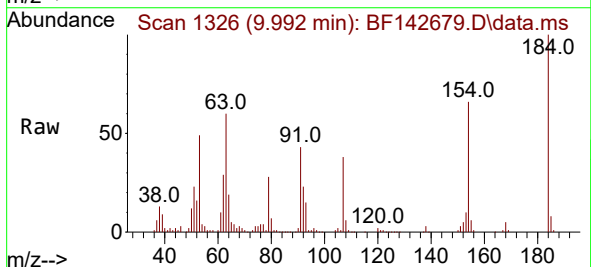
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

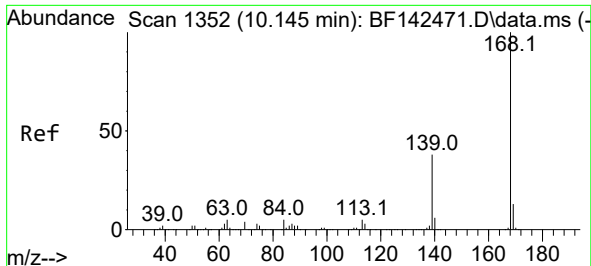
Tgt Ion:138 Resp: 105187
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 105.1 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 60.093 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:184 Resp: 92144
Ion Ratio Lower Upper
184 100
63 60.1 46.3 69.5
154 65.8 56.8 85.2

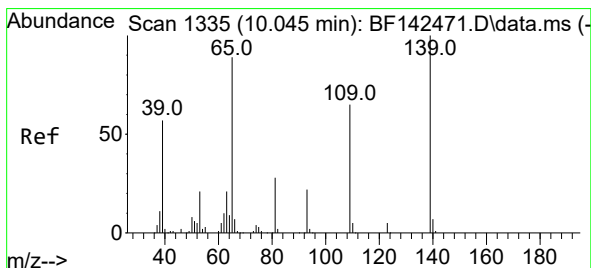
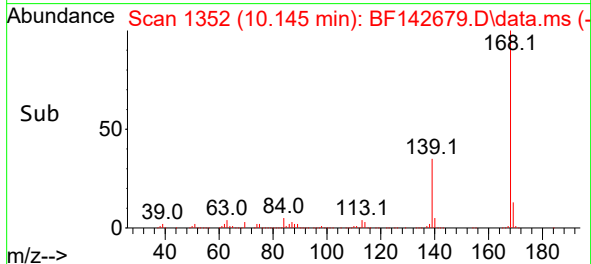
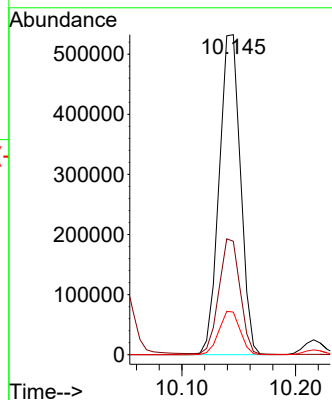
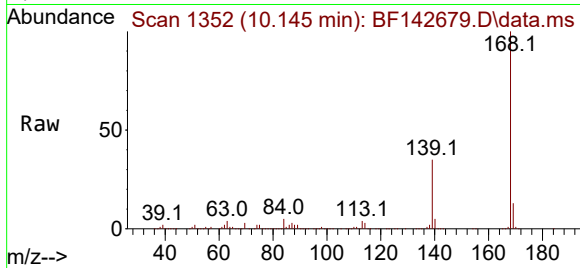




#55
Dibenzenofuran
Concen: 39.208 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

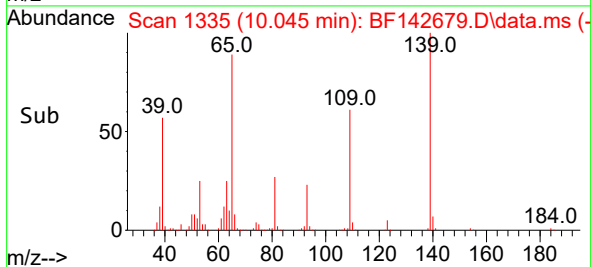
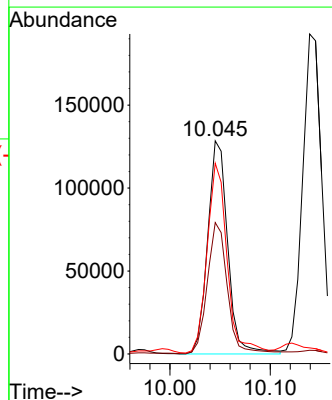
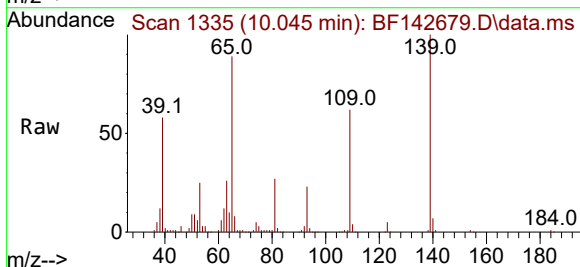
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

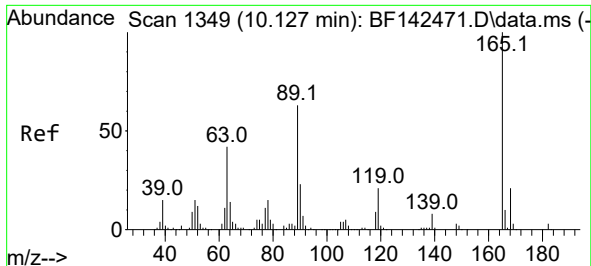
Tgt Ion:168 Resp: 694950
Ion Ratio Lower Upper
168 100
139 35.4 30.2 45.2
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 74.819 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:139 Resp: 178960
Ion Ratio Lower Upper
139 100
109 61.6 45.1 85.1
65 89.5 69.7 109.7

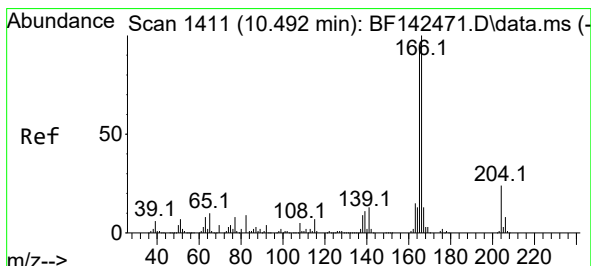
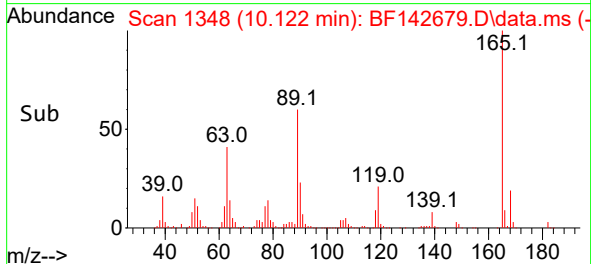
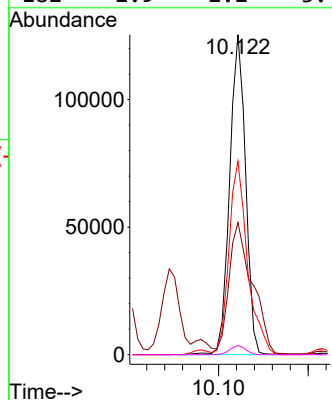
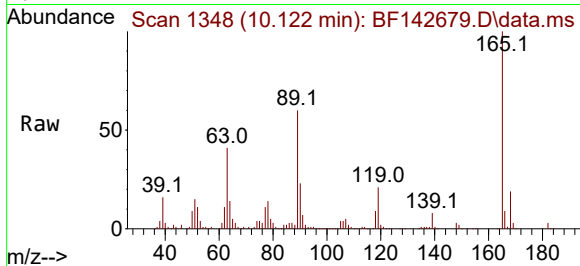




#57
2,4-Dinitrotoluene
Concen: 39.838 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

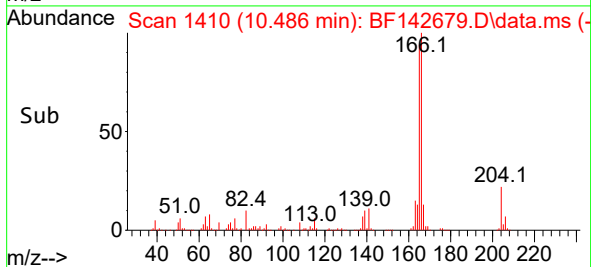
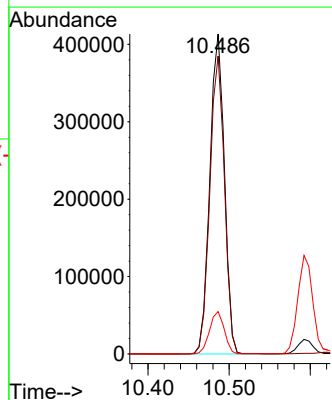
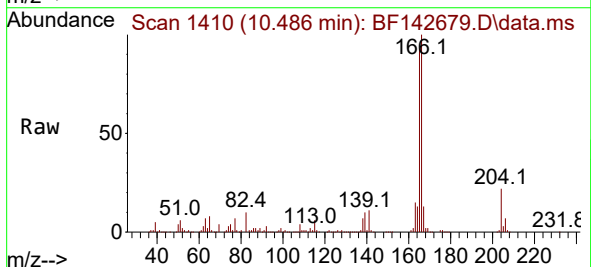
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

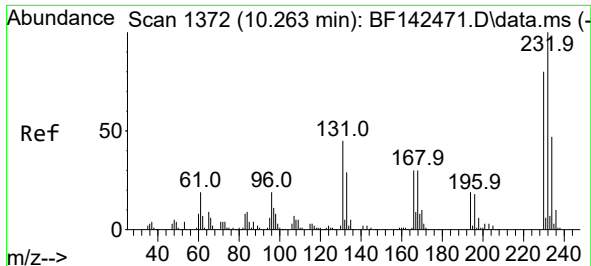
Tgt Ion:165 Resp: 154414
Ion Ratio Lower Upper
165 100
63 41.3 33.6 50.4
89 60.5 50.2 75.4
182 2.9 2.2 3.4



#58
Fluorene
Concen: 37.617 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:166 Resp: 515101
Ion Ratio Lower Upper
166 100
165 93.1 75.8 113.8
167 13.3 10.6 16.0

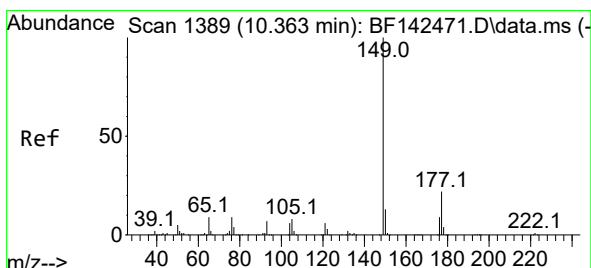
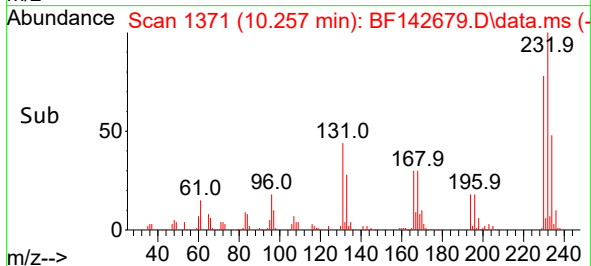
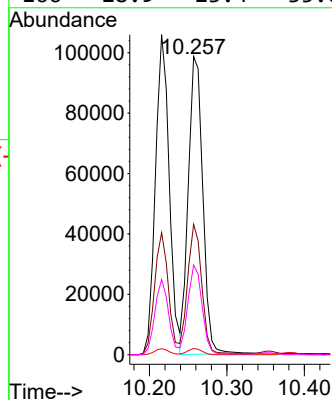
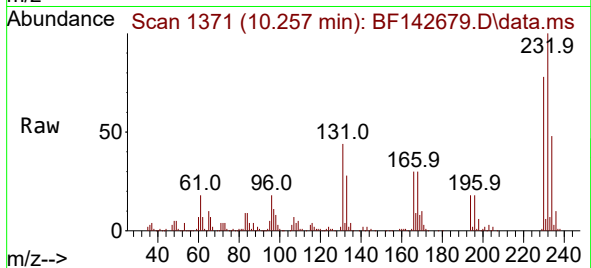




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.077 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

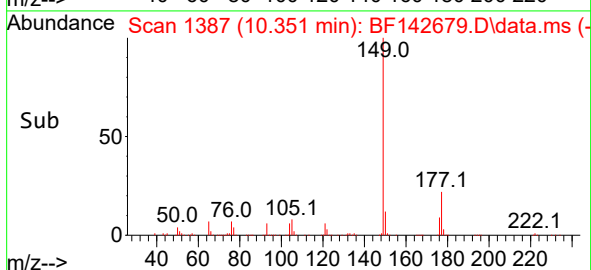
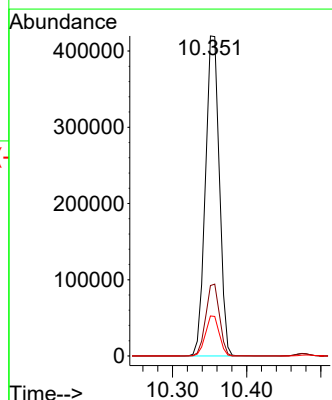
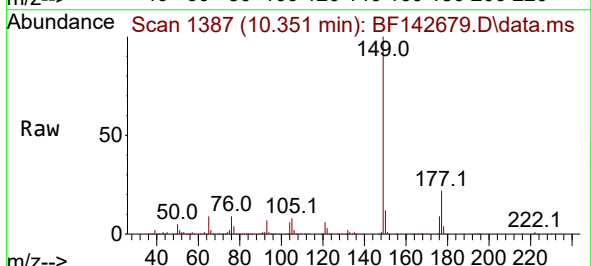
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

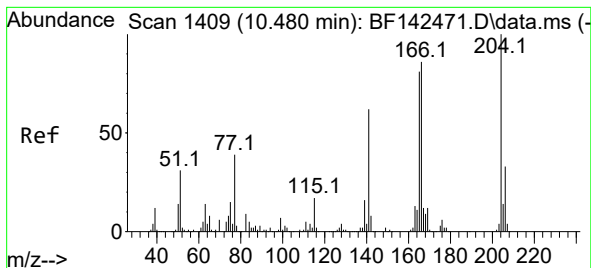
Tgt Ion:232 Resp: 128137
Ion Ratio Lower Upper
232 100
131 41.8 35.2 52.8
130 2.0 1.7 2.5
166 28.9 23.4 35.0



#60
Diethylphthalate
Concen: 40.866 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.018 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:149 Resp: 548843
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.5 10.1 15.1

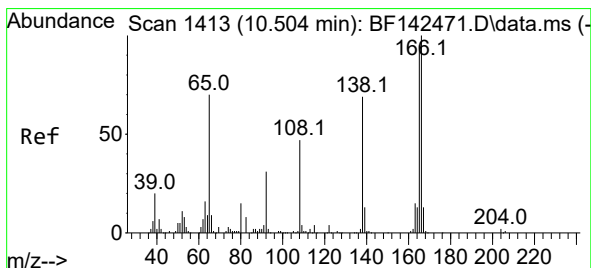
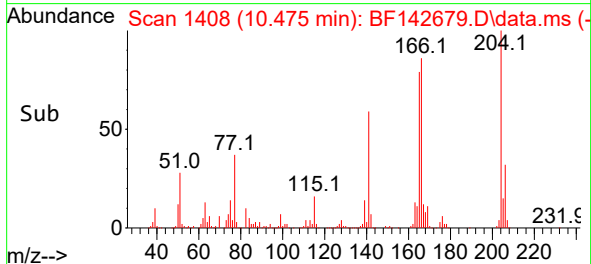
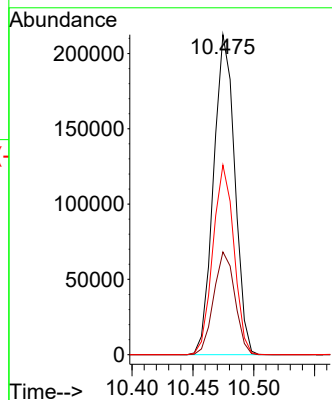
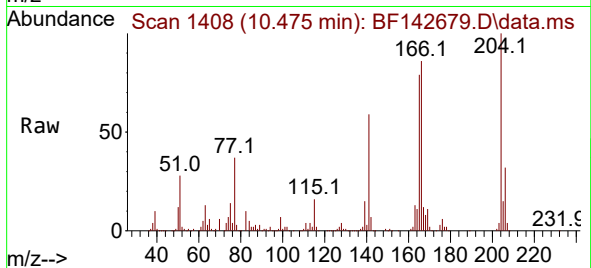




#61
4-Chlorophenyl-phenylether
Concen: 38.322 ng
RT: 10.475 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

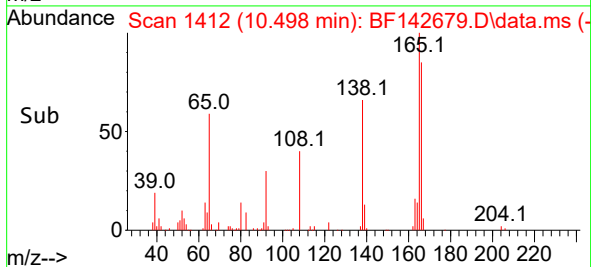
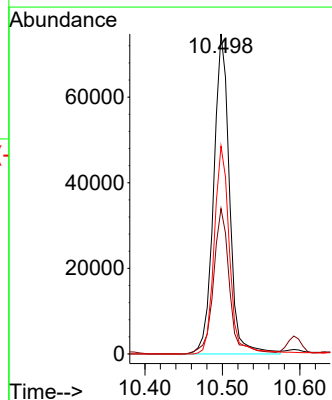
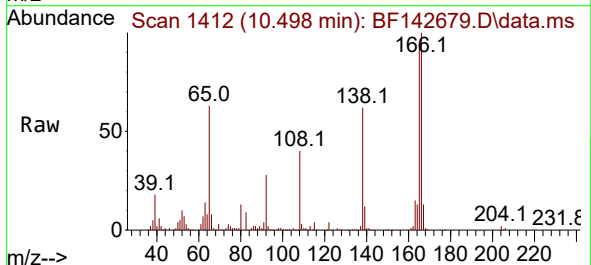
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

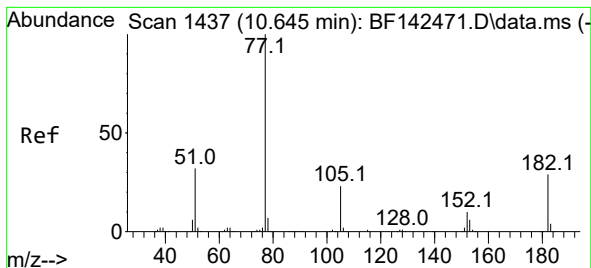
Tgt Ion:204 Resp: 257782
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 59.3 49.5 74.3



#62
4-Nitroaniline
Concen: 36.179 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:138 Resp: 106368
Ion Ratio Lower Upper
138 100
92 45.4 26.0 66.0
108 65.0 48.4 88.4





#63

Azobenzene

Concen: 40.649 ng

RT: 10.633 min Scan# 1435

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

Tgt Ion: 77 Resp: 490335

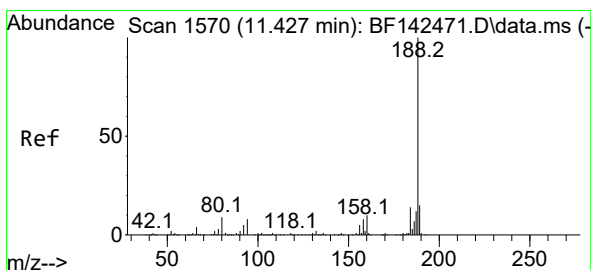
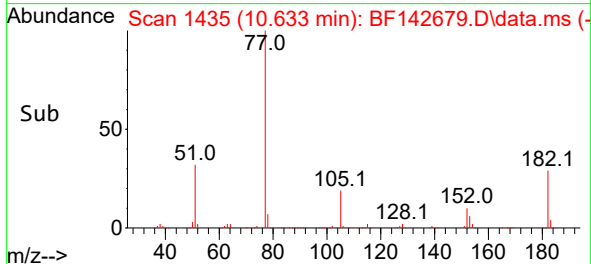
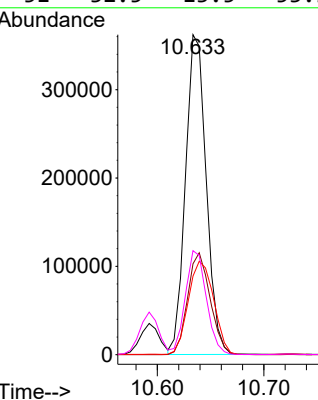
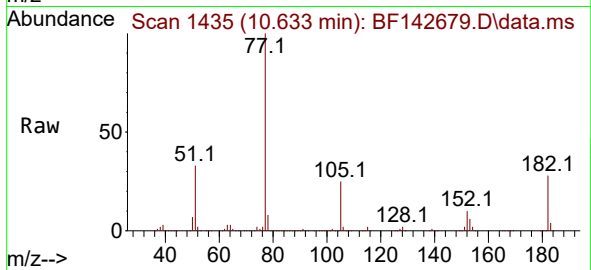
Ion Ratio Lower Upper

77 100

182 28.4 9.0 49.0

105 24.6 2.4 42.4

51 32.5 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: BF142679.D

Acq: 07 Jun 2025 09:00

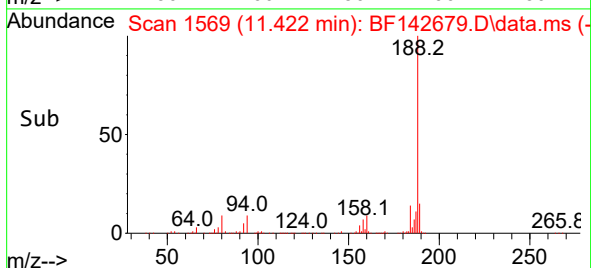
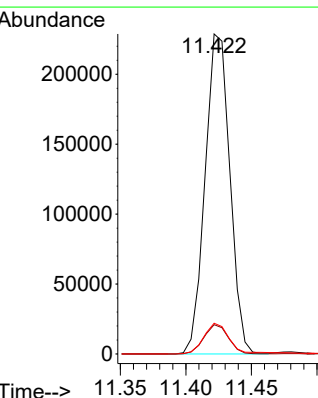
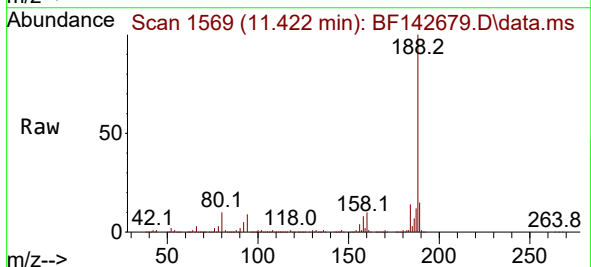
Tgt Ion:188 Resp: 300849

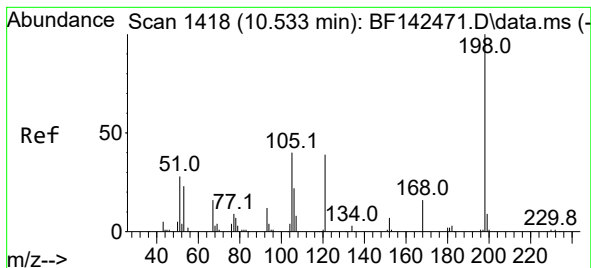
Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.6 7.4 11.0

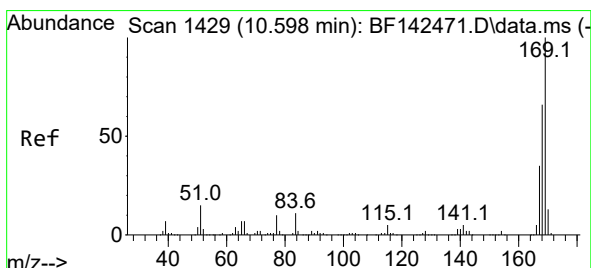
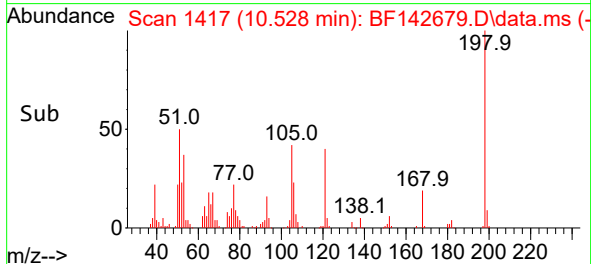
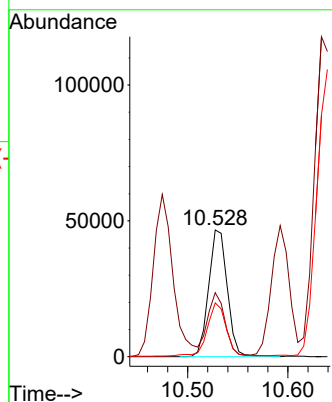
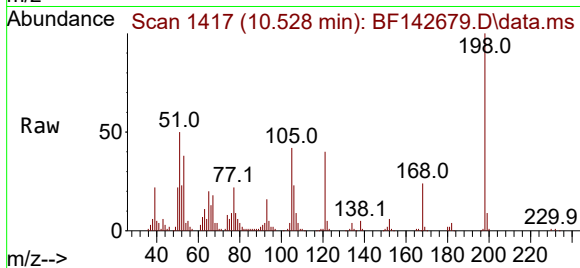




#65
4,6-Dinitro-2-methylphenol
Concen: 35.970 ng
RT: 10.528 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

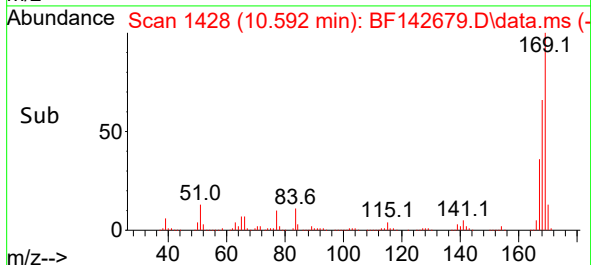
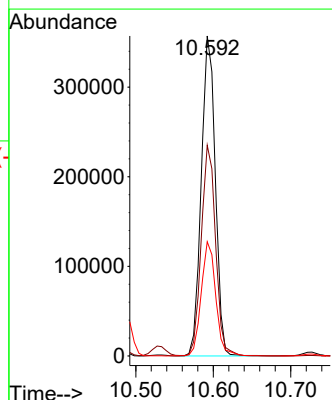
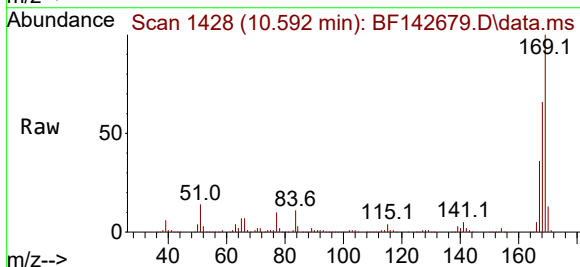
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

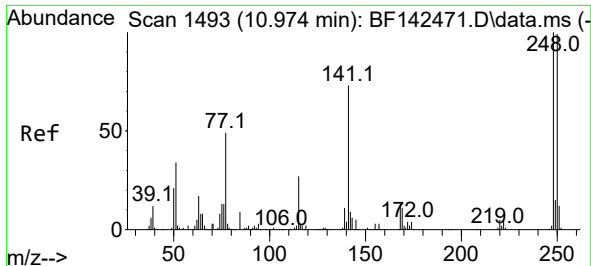
Tgt Ion:198 Resp: 60393
Ion Ratio Lower Upper
198 100
51 50.5 28.3 68.3
105 42.4 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 43.624 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:169 Resp: 449005
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 35.7 28.3 42.5

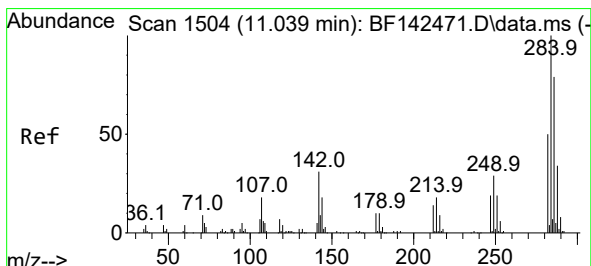
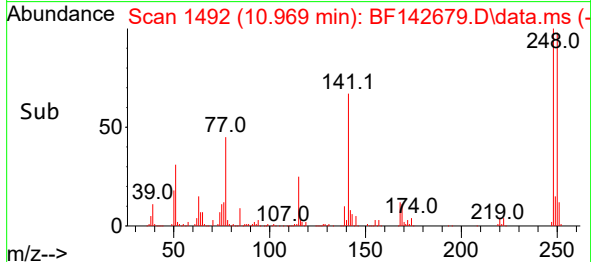
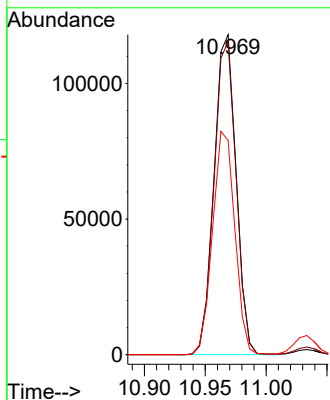
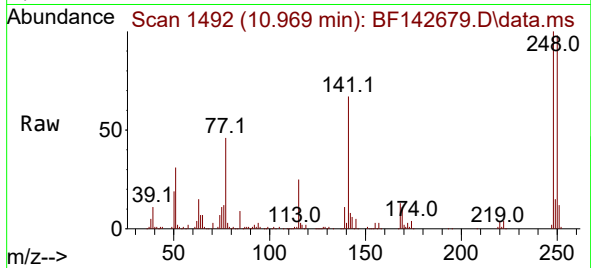




#67
4-Bromophenyl-phenylether
Concen: 41.897 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

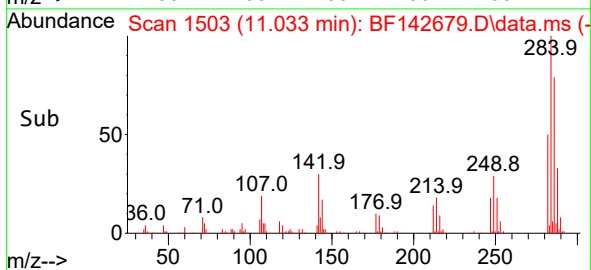
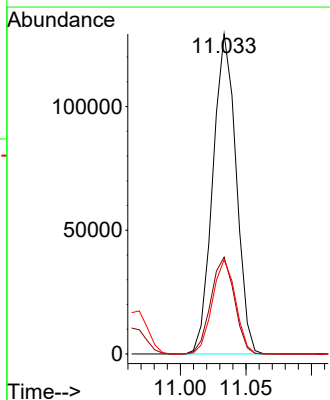
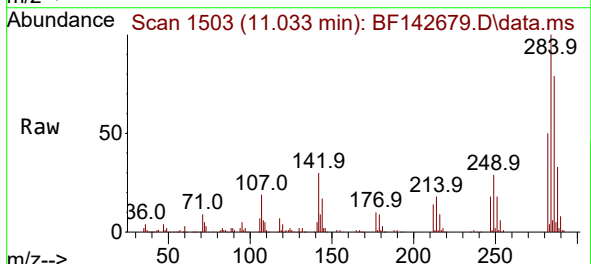
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

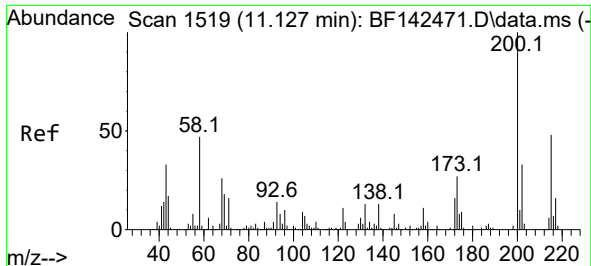
Tgt Ion:248 Resp: 149040
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.4
141 67.0 58.4 87.6



#68
Hexachlorobenzene
Concen: 40.554 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:284 Resp: 159561
Ion Ratio Lower Upper
284 100
142 30.3 24.8 37.2
249 29.5 23.6 35.4

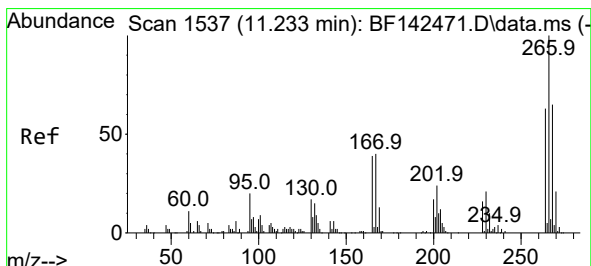
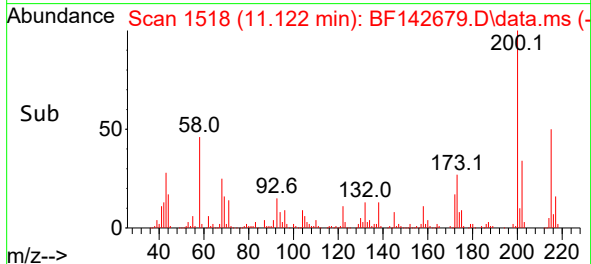
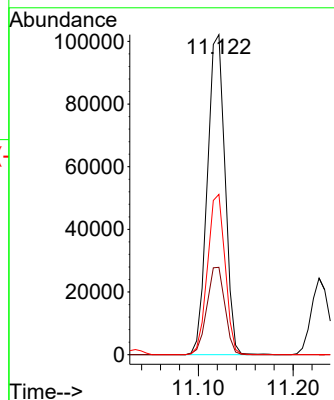
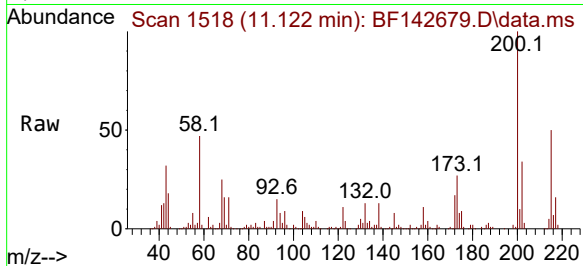




#69
 Atrazine
 Concen: 48.255 ng
 RT: 11.122 min Scan# 1518
 Delta R.T. -0.005 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

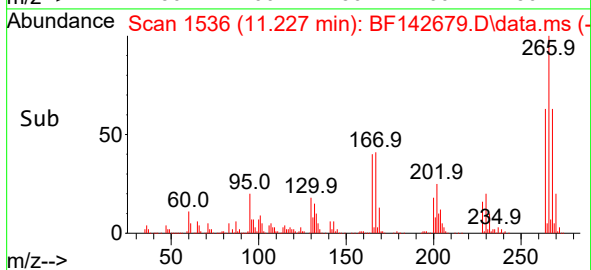
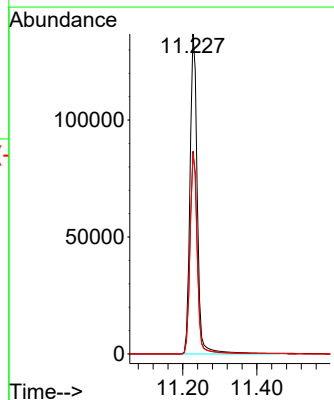
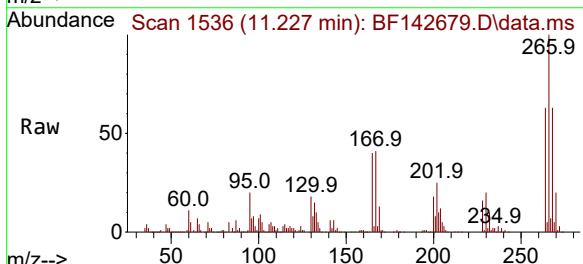
Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHCMS

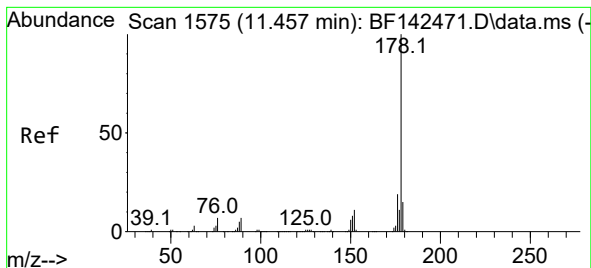
Tgt Ion:200 Resp: 131903
 Ion Ratio Lower Upper
 200 100
 173 27.3 7.4 47.4
 215 50.1 28.5 68.5



#70
 Pentachlorophenol
 Concen: 84.092 ng
 RT: 11.227 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

Tgt Ion:266 Resp: 186798
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.7 77.5
 264 62.8 50.4 75.6





#71

Phenanthrene

Concen: 41.186 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

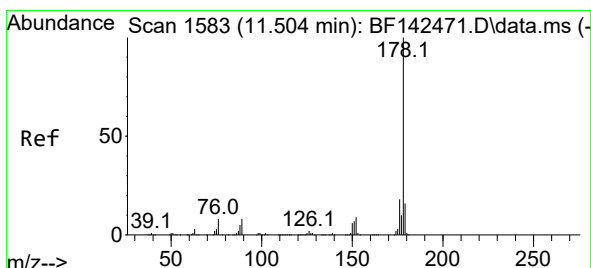
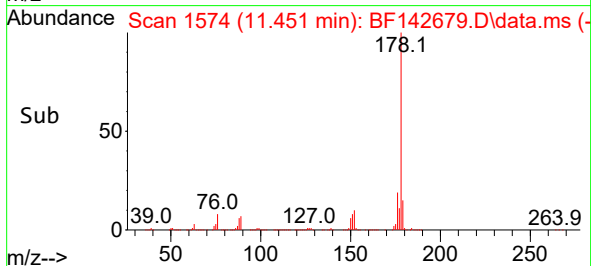
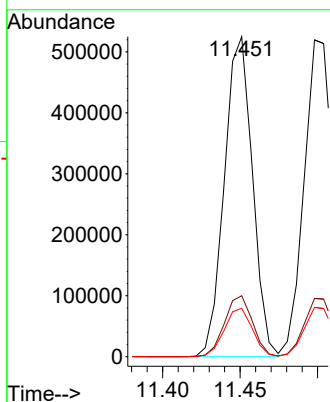
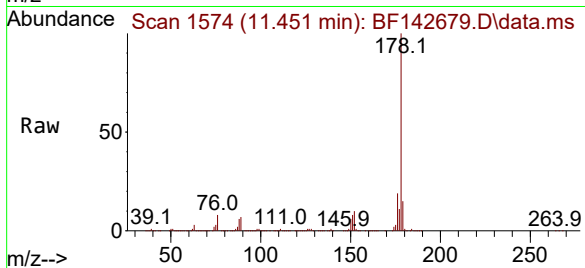
Tgt Ion:178 Resp: 662184

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.1 12.3 18.5



#72

Anthracene

Concen: 41.598 ng

RT: 11.498 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

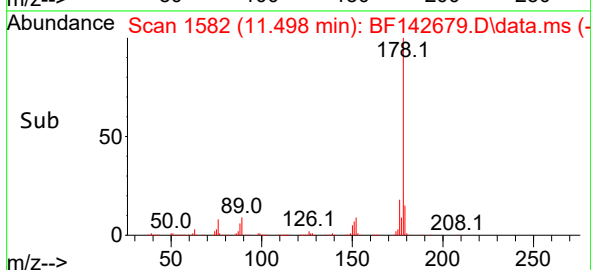
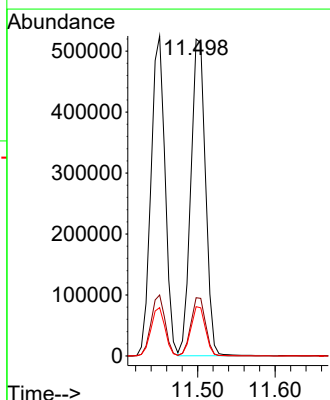
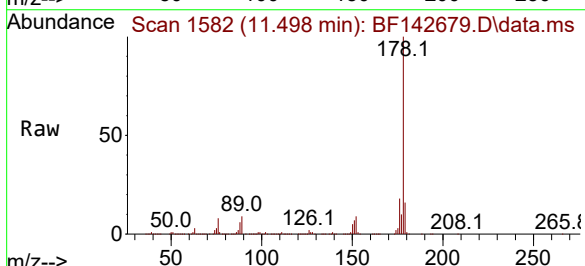
Tgt Ion:178 Resp: 682581

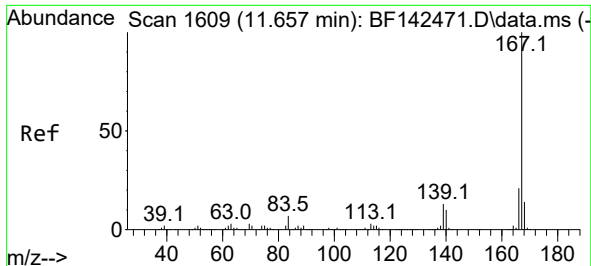
Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.5 12.4 18.6

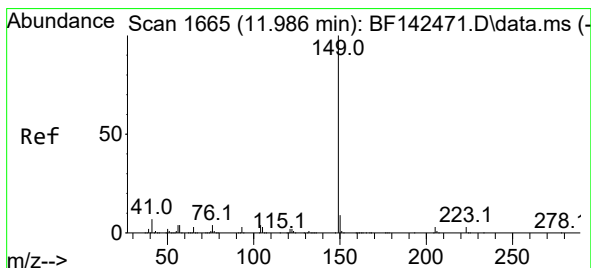
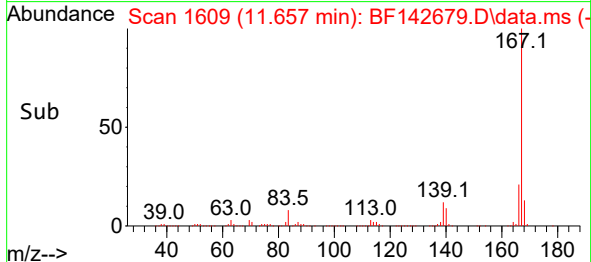
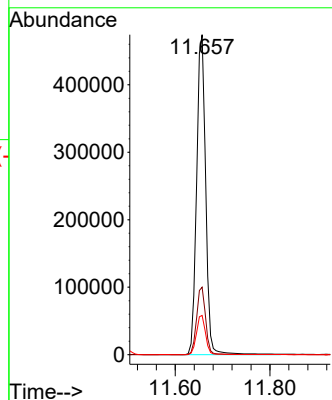
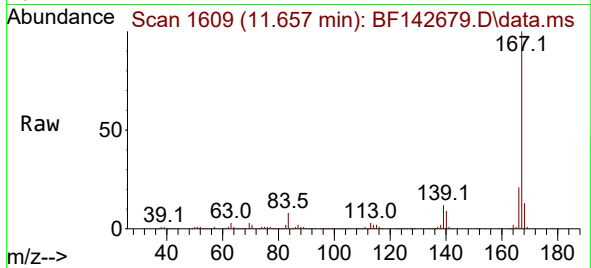




#73
 Carbazole
 Concen: 44.963 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

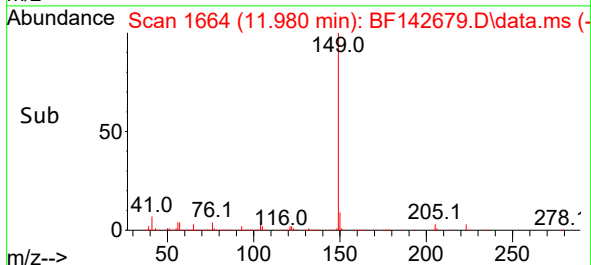
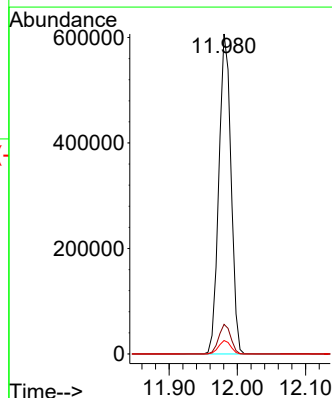
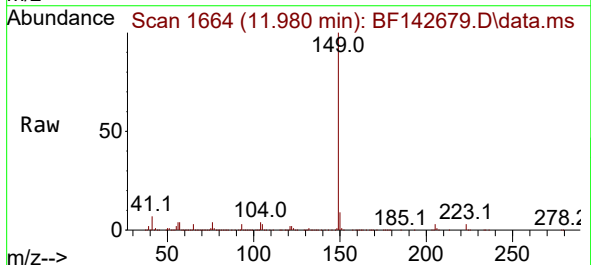
Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHCMS

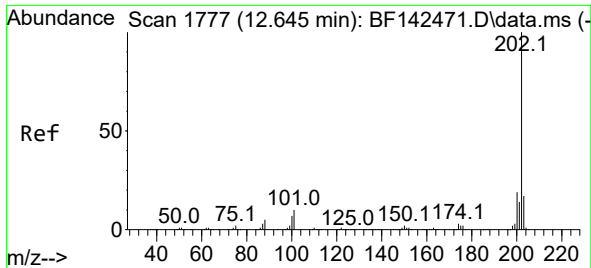
Tgt Ion:167 Resp: 630726
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.2 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 48.990 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

Tgt Ion:149 Resp: 752227
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.2 3.6 5.4

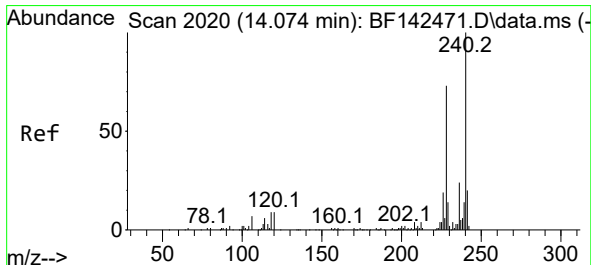
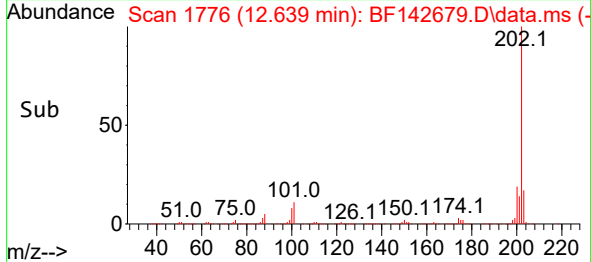
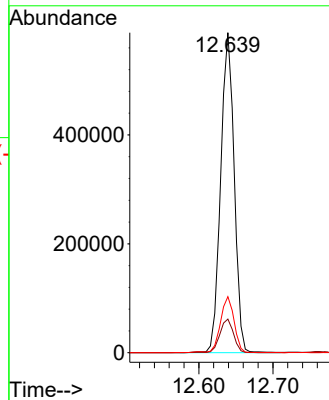
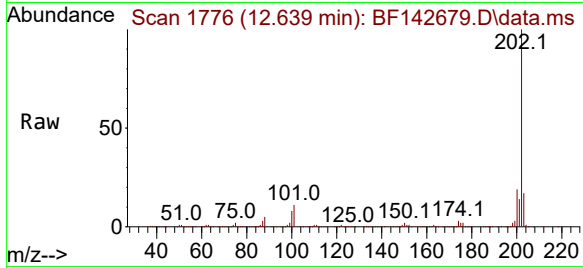




#75
Fluoranthene
Concen: 49.601 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

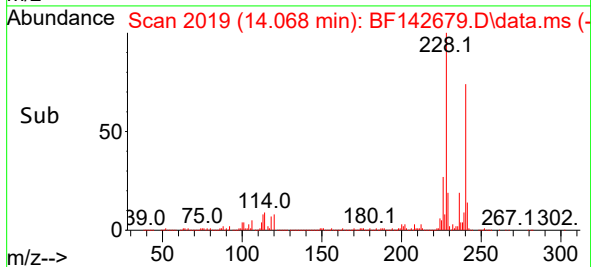
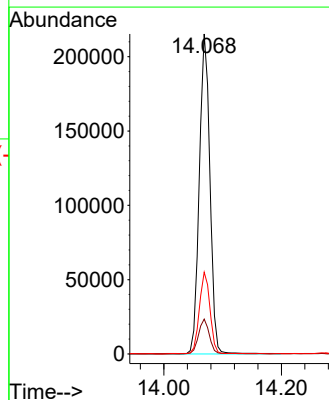
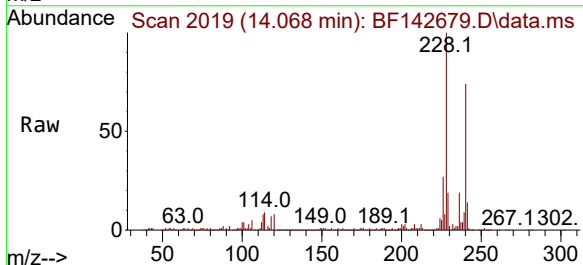
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

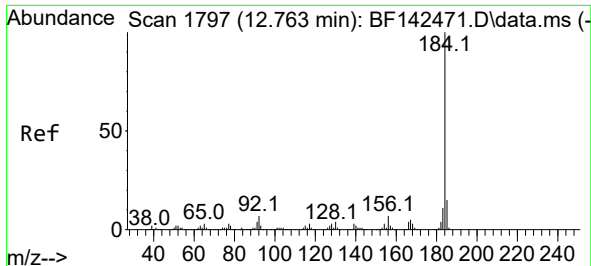
Tgt Ion:202 Resp: 745161
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.6
203 17.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:240 Resp: 270140
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 25.5 19.6 29.4

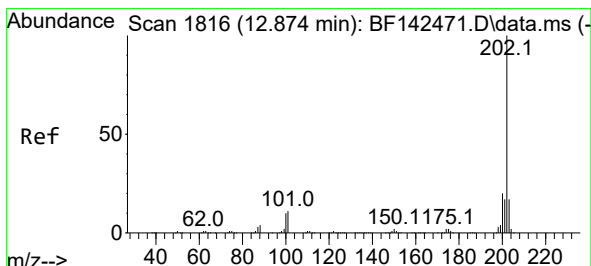
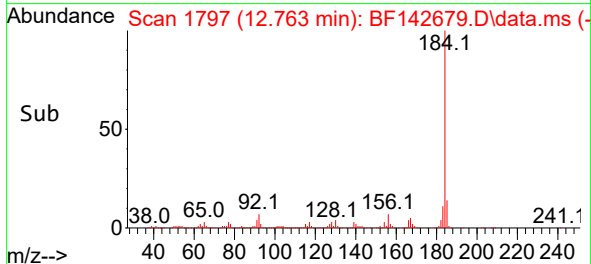
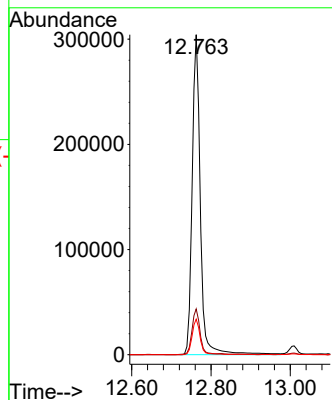
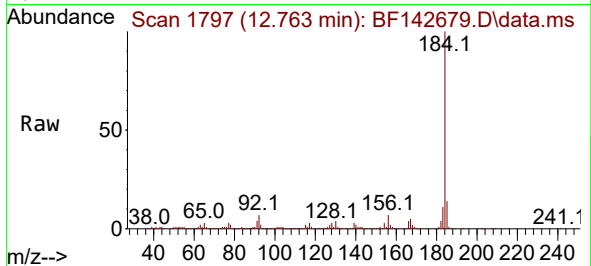




#77
Benzidine
Concen: 43.427 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

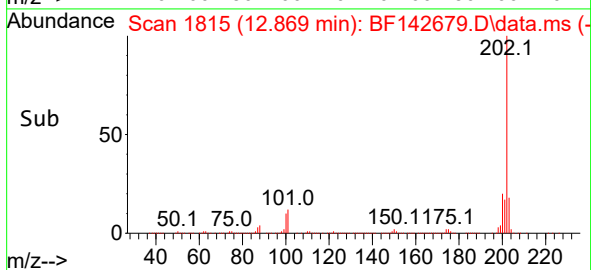
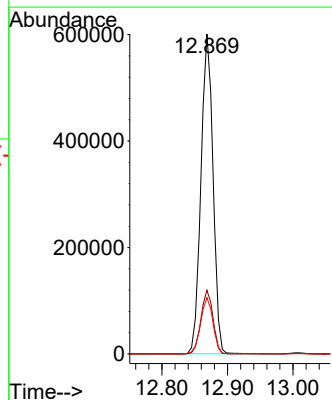
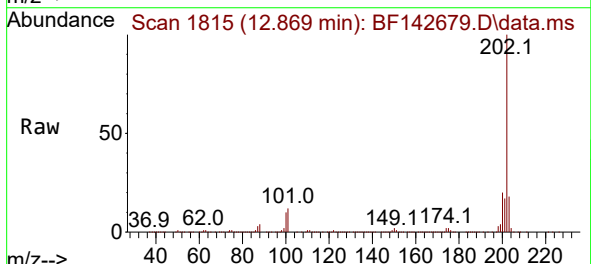
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

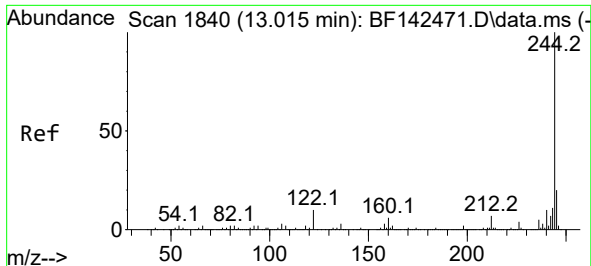
Tgt Ion:184 Resp: 436564
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 11.1 9.0 13.4



#78
Pyrene
Concen: 30.570 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:202 Resp: 770376
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.6 13.9 20.9

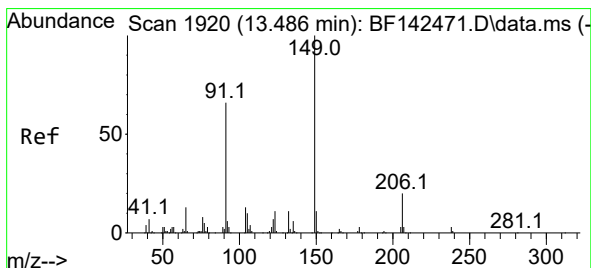
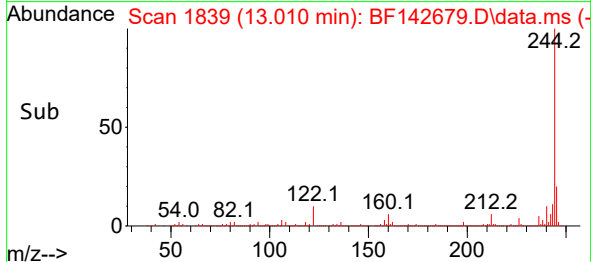
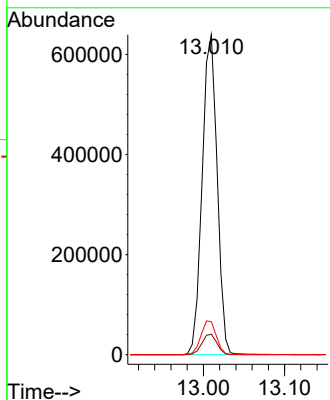
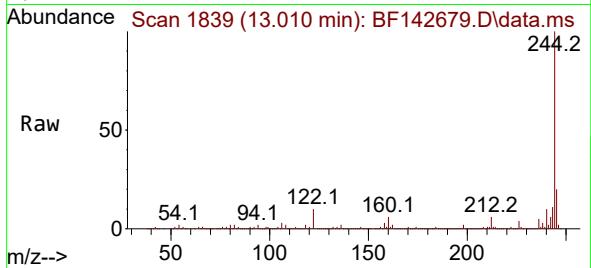




#79
 Terphenyl-d14
 Concen: 41.404 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

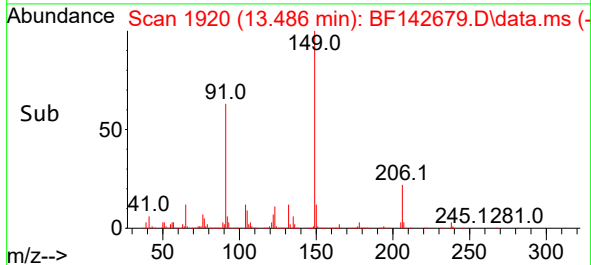
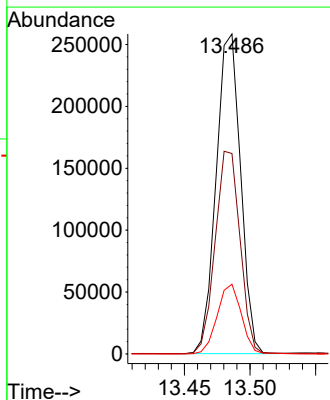
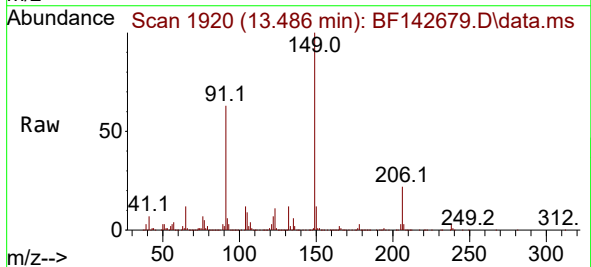
Instrument :
 BNA_F
 ClientSampleId :
 TP03-MHCMS

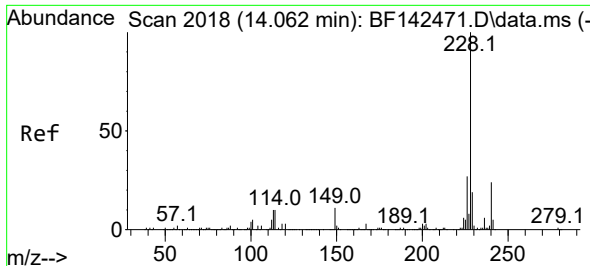
Tgt Ion:244 Resp: 818481
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 48.055 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142679.D
 Acq: 07 Jun 2025 09:00

Tgt Ion:149 Resp: 334621
 Ion Ratio Lower Upper
 149 100
 91 62.6 52.9 79.3
 206 21.8 16.2 24.2

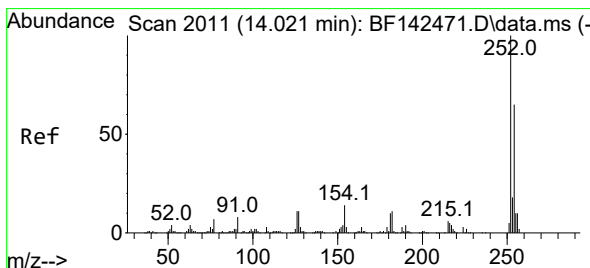
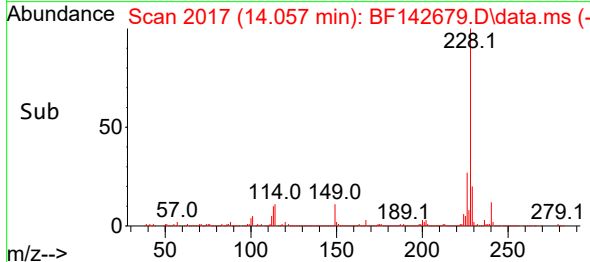
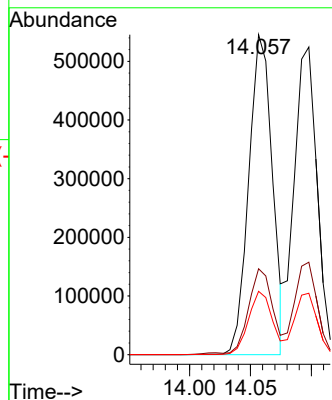
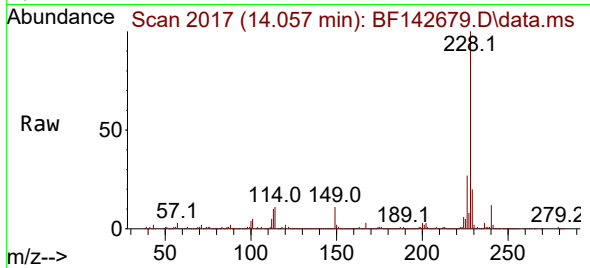




#81
Benzo(a)anthracene
Concen: 40.699 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

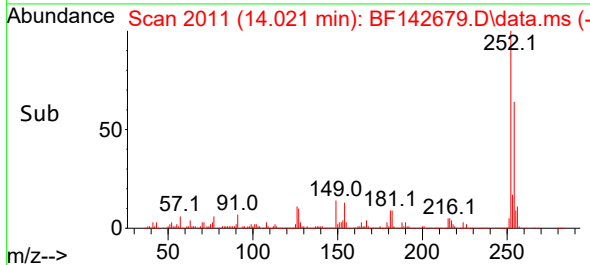
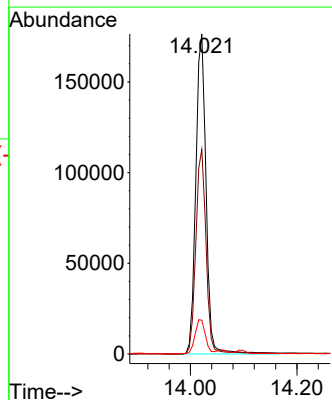
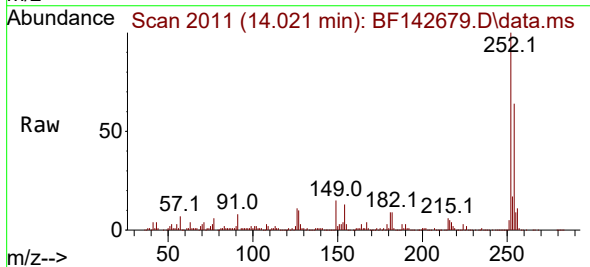
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

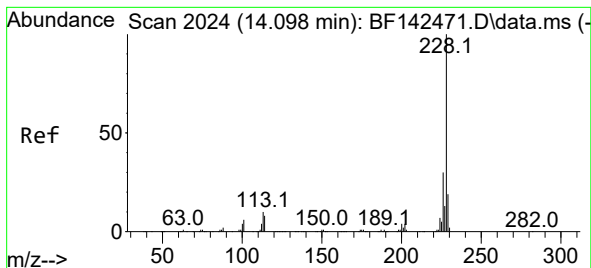
Tgt Ion:228 Resp: 734156
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 43.305 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:252 Resp: 236933
Ion Ratio Lower Upper
252 100
254 63.9 52.0 78.0
126 10.5 8.9 13.3





#83

Chrysene

Concen: 42.785 ng

RT: 14.098 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

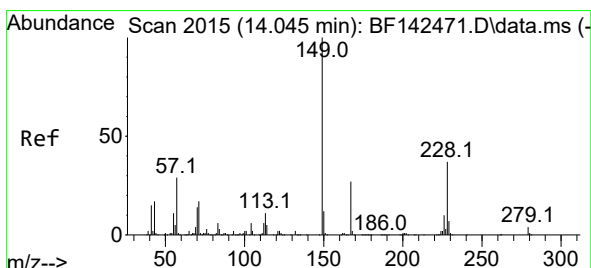
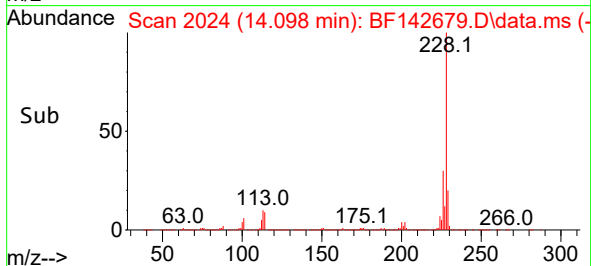
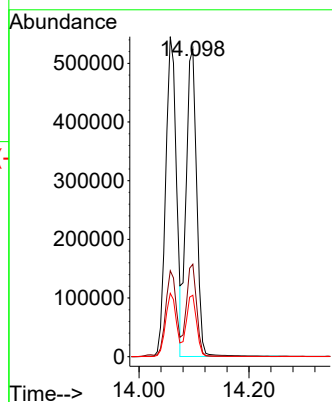
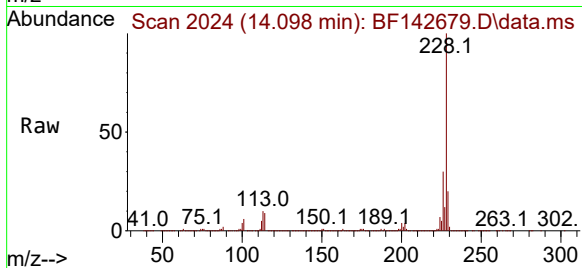
Tgt Ion:228 Resp: 693493

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 20.0 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.515 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

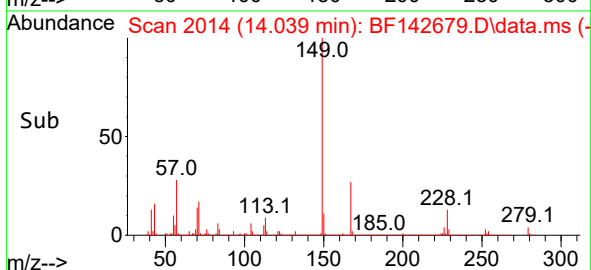
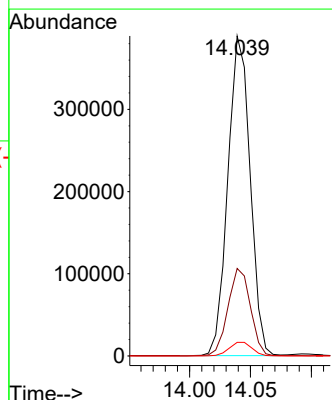
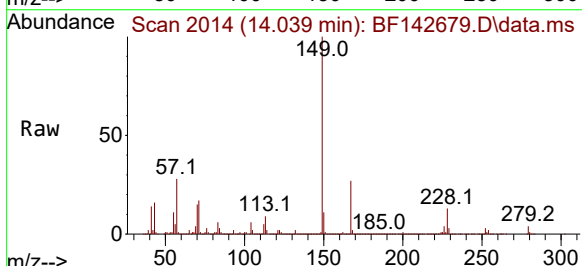
Tgt Ion:149 Resp: 494860

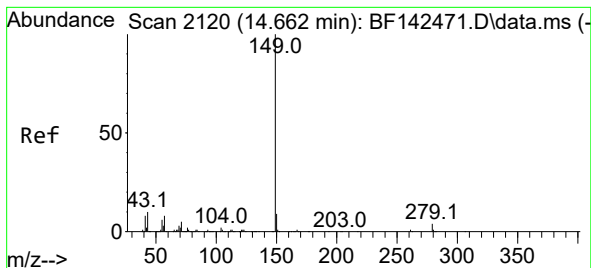
Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 47.818 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

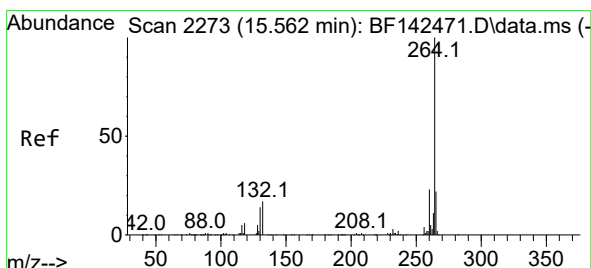
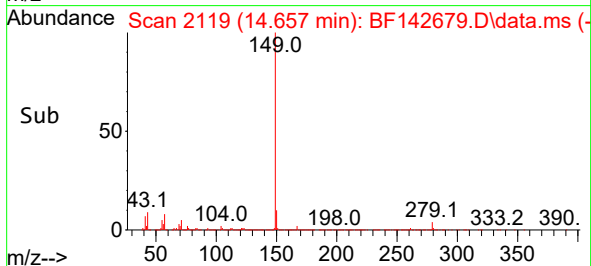
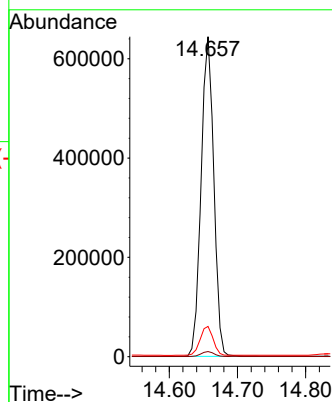
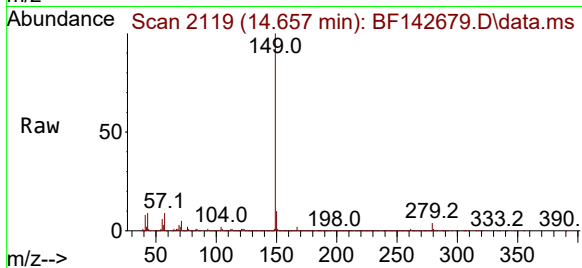
Tgt Ion:149 Resp: 833442

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.3 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: BF142679.D

Acq: 07 Jun 2025 09:00

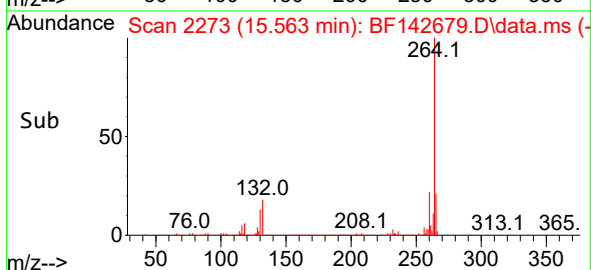
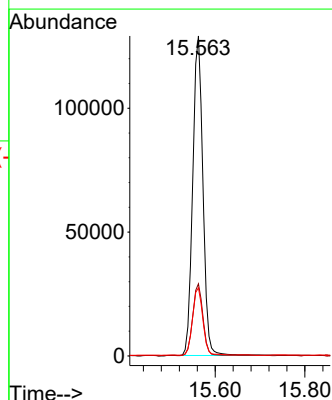
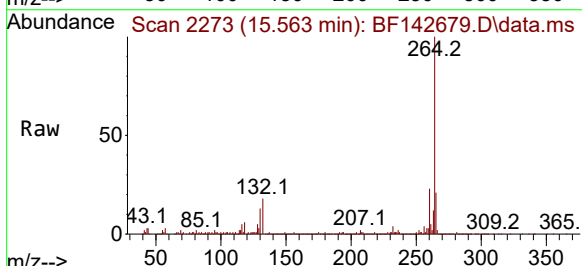
Tgt Ion:264 Resp: 203560

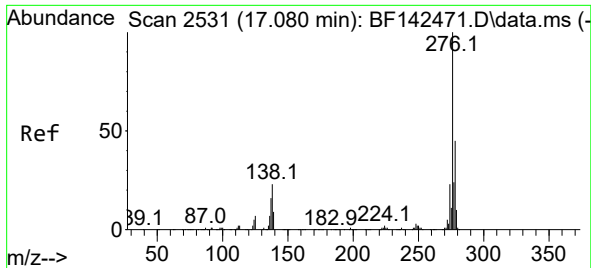
Ion Ratio Lower Upper

264 100

260 22.5 18.6 28.0

265 21.3 17.7 26.5

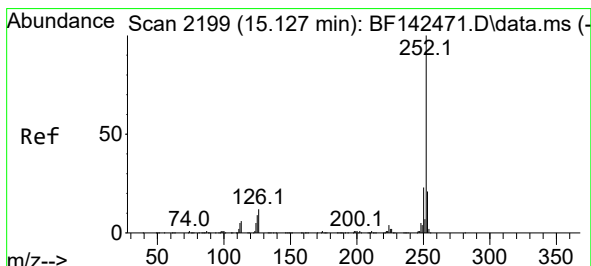
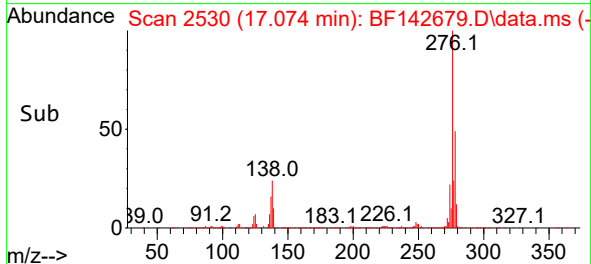
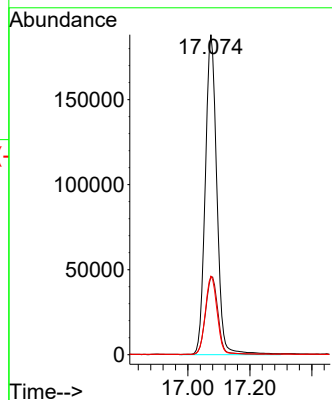
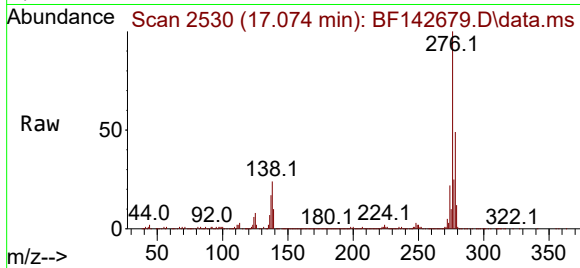




#87
Indeno(1,2,3-cd)pyrene
Concen: 31.873 ng
RT: 17.074 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

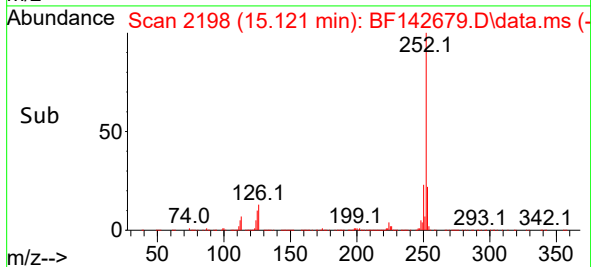
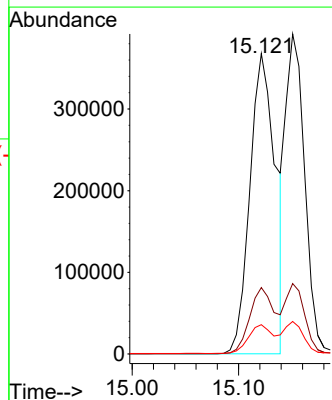
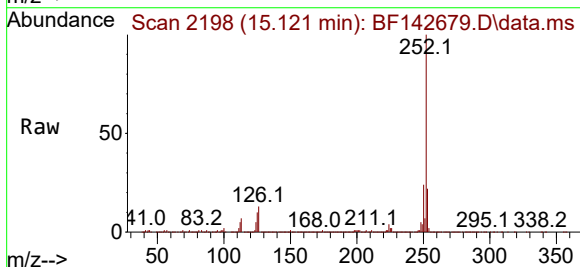
Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

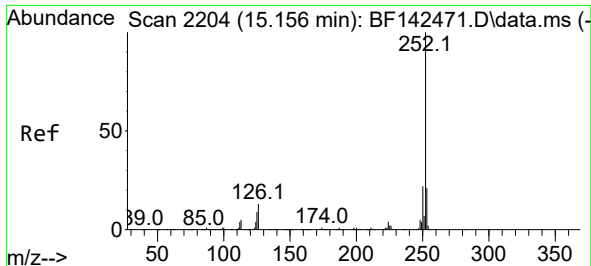
Tgt Ion:276 Resp: 487087
Ion Ratio Lower Upper
276 100
138 25.7 19.9 29.9
277 25.0 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 50.913 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:252 Resp: 613377
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 9.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.017 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

Instrument :

BNA_F

ClientSampleId :

TP03-MHCMS

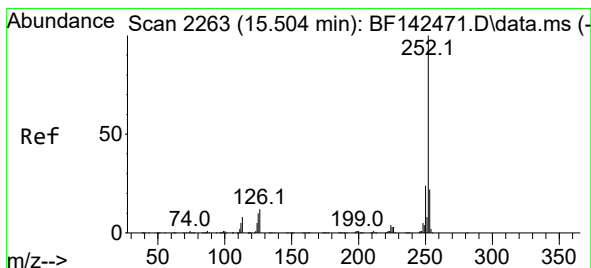
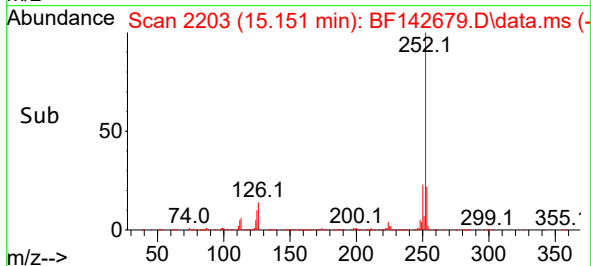
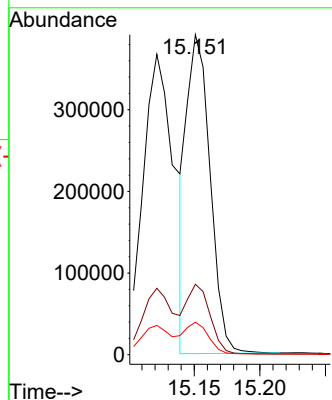
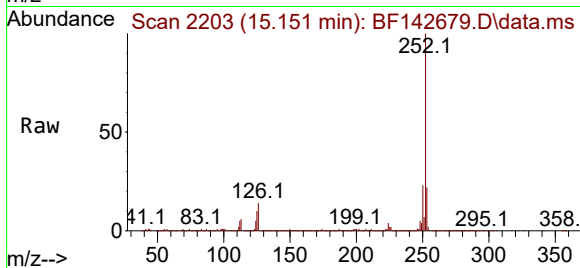
Tgt Ion:252 Resp: 485407

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 10.1 7.3 10.9



#90

Benzo(a)pyrene

Concen: 42.746 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142679.D

Acq: 07 Jun 2025 09:00

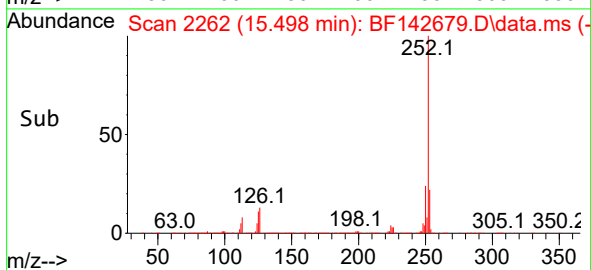
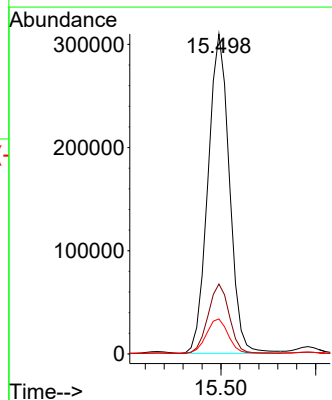
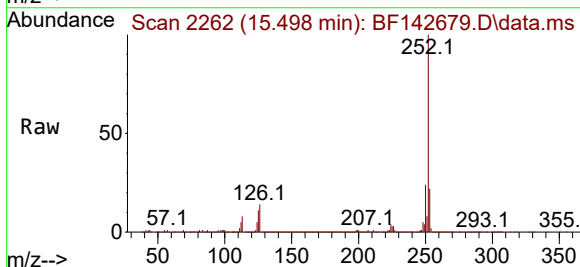
Tgt Ion:252 Resp: 485432

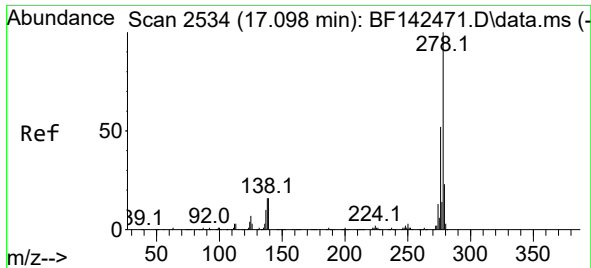
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 11.0 7.9 11.9

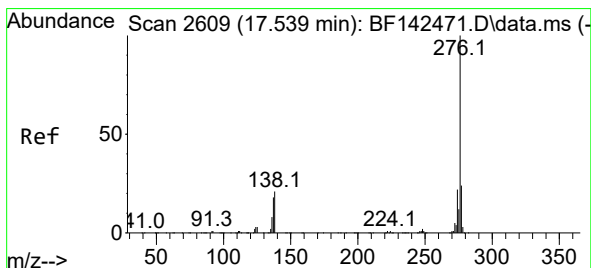
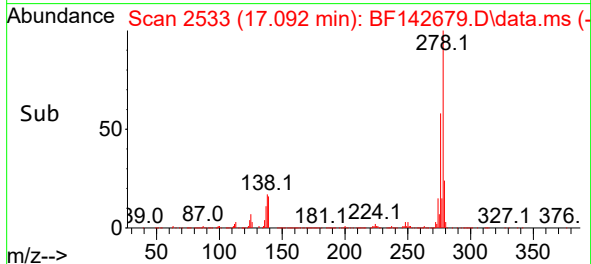
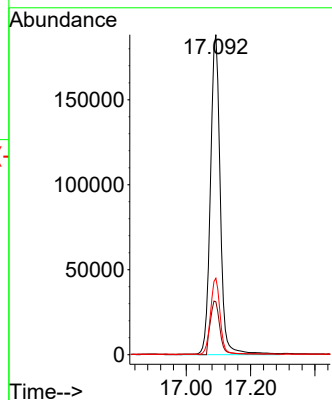
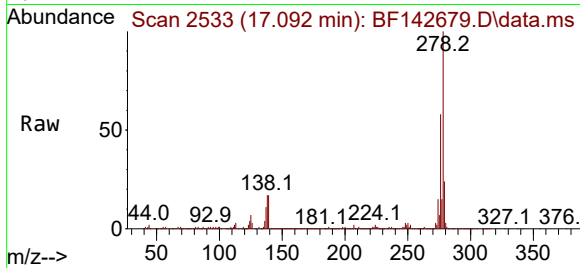




#91
Dibenzo(a,h)anthracene
Concen: 32.255 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

Tgt Ion:278 Resp: 399783
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 30.767 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142679.D
Acq: 07 Jun 2025 09:00

Tgt Ion:276 Resp: 381424
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 21.8 16.8 25.2

