

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 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	6.898	152	99411	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	385222	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	213164	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	348749	20.000	ng	0.00
76) Chrysene-d12	14.074	240	171632	20.000	ng	0.00
86) Perylene-d12	15.562	264	195956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	443470	75.157	ng	0.00
7) Phenol-d6	6.522	99	539999	76.025	ng	-0.01
23) Nitrobenzene-d5	7.463	82	545967	77.283	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	179309	75.790	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1152622	72.557	ng	0.00
79) Terphenyl-d14	13.016	244	976059	77.714	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	90159	38.184	ng	99
3) Pyridine	3.434	79	232139	38.607	ng	99
4) n-Nitrosodimethylamine	3.381	42	121742	38.995	ng	99
6) Aniline	6.563	93	366889	38.415	ng	99
8) 2-Chlorophenol	6.681	128	243599	37.902	ng	97
9) Benzaldehyde	6.451	77	165445	38.726	ng	98
10) Phenol	6.539	94	306601	38.362	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	220228	38.280	ng	100
12) 1,3-Dichlorobenzene	6.839	146	269504	37.579	ng	100
13) 1,4-Dichlorobenzene	6.922	146	275076	38.078	ng	98
14) 1,2-Dichlorobenzene	7.069	146	260709	37.716	ng	100
15) Benzyl Alcohol	7.039	79	202944	38.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	366430	37.927	ng	100
17) 2-Methylphenol	7.145	107	193190	38.500	ng	99
18) Hexachloroethane	7.416	117	96202	38.137	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	166542	37.833	ng	99
20) 3+4-Methylphenols	7.304	107	244310	38.020	ng	100
22) Acetophenone	7.310	105	325056	38.118	ng	100
24) Nitrobenzene	7.486	77	246818	38.737	ng	100
25) Isophorone	7.722	82	447723	37.906	ng	99
26) 2-Nitrophenol	7.798	139	136039	39.958	ng	99
27) 2,4-Dimethylphenol	7.833	122	233871	38.953	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	283379	38.407	ng	99
29) 2,4-Dichlorophenol	8.039	162	209040	38.285	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	226285	38.187	ng	98
31) Naphthalene	8.210	128	722913	38.112	ng	100
32) Benzoic acid	7.939	122	147981	40.490	ng	98
33) 4-Chloroaniline	8.251	127	299462	38.962	ng	99
34) Hexachlorobutadiene	8.322	225	142496	38.512	ng	99
35) Caprolactam	8.622	113	60055	39.162	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	216299	38.654	ng	99
37) 2-Methylnaphthalene	8.898	142	454200	38.062	ng	100
38) 1-Methylnaphthalene	8.998	142	471880	38.229	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	229514	37.508	ng	99
41) Hexachlorocyclopentadiene	9.051	237	165077	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	156603	37.954	ng	99

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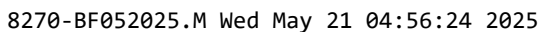
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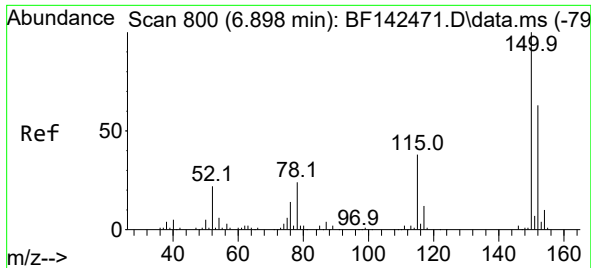
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	164342	37.766	ng	99
46) 1,1'-Biphenyl	9.363	154	619947	37.487	ng	100
47) 2-Chloronaphthalene	9.386	162	461414	37.763	ng	99
48) 2-Nitroaniline	9.480	65	137268	38.867	ng	99
49) Acenaphthylene	9.804	152	776377	37.630	ng	100
50) Dimethylphthalate	9.663	163	523004	37.184	ng	100
51) 2,6-Dinitrotoluene	9.722	165	115938	38.191	ng	98
52) Acenaphthene	9.975	154	477197	37.877	ng	100
53) 3-Nitroaniline	9.892	138	126814	38.246	ng	98
54) 2,4-Dinitrophenol	9.992	184	65057	41.481	ng	# 35
55) Dibenzofuran	10.145	168	673871	37.170	ng	100
56) 4-Nitrophenol	10.045	139	96197	39.320	ng	98
57) 2,4-Dinitrotoluene	10.127	165	152488	38.463	ng	99
58) Fluorene	10.492	166	513487	36.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	138047	38.000	ng	98
60) Diethylphthalate	10.363	149	519861	37.844	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	254467	36.985	ng	99
62) 4-Nitroaniline	10.504	138	114671	38.132	ng	100
63) Azobenzene	10.645	77	466131	37.780	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	82393	42.334	ng	99
66) n-Nitrosodiphenylamine	10.598	169	454975	38.132	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	157480	38.189	ng	99
68) Hexachlorobenzene	11.039	284	175840	38.554	ng	99
69) Atrazine	11.127	200	125293	39.541	ng	99
70) Pentachlorophenol	11.227	266	105232	40.866	ng	98
71) Phenanthrene	11.457	178	698503	37.478	ng	100
72) Anthracene	11.504	178	723416	38.032	ng	100
73) Carbazole	11.657	167	622812	38.300	ng	100
74) Di-n-butylphthalate	11.986	149	686988	38.596	ng	100
75) Fluoranthene	12.645	202	652697	37.479	ng	100
77) Benzidine	12.763	184	271606	42.525	ng	100
78) Pyrene	12.874	202	642163	40.108	ng	100
80) Butylbenzylphthalate	13.492	149	178179	40.275	ng	97
81) Benzo(a)anthracene	14.063	228	435297	37.981	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	135132	38.874	ng	100
83) Chrysene	14.098	228	388943	37.768	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	229915	40.596	ng	99
85) Di-n-octyl phthalate	14.662	149	443488	40.048	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	574771	39.070	ng	100
88) Benzo(b)fluoranthene	15.121	252	433704	37.396	ng	98
89) Benzo(k)fluoranthene	15.157	252	404679	37.255	ng	99
90) Benzo(a)pyrene	15.504	252	421730	38.578	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	463752	38.868	ng	100
92) Benzo(g,h,i)perylene	17.539	276	457604	38.345	ng	99

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

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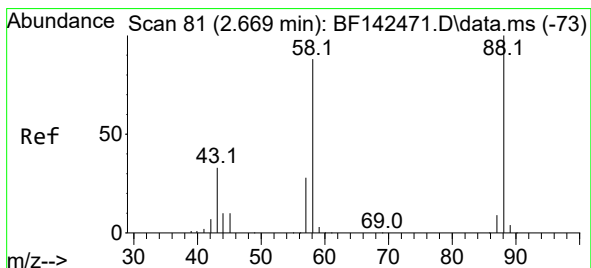
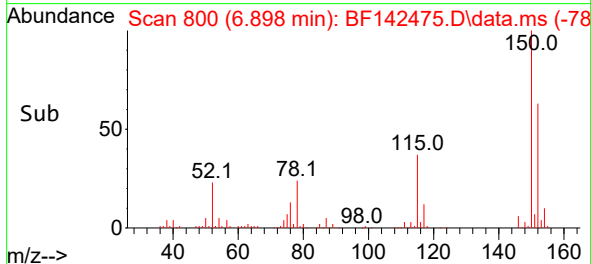
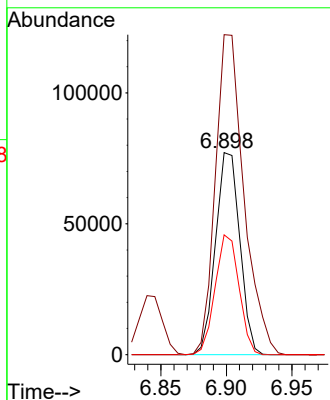
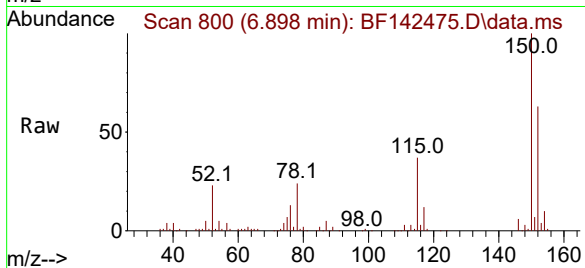




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142475.D
 Acq: 20 May 2025 16:31

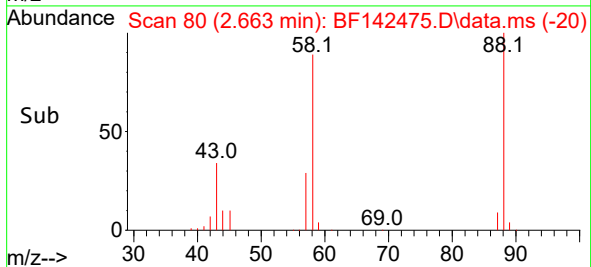
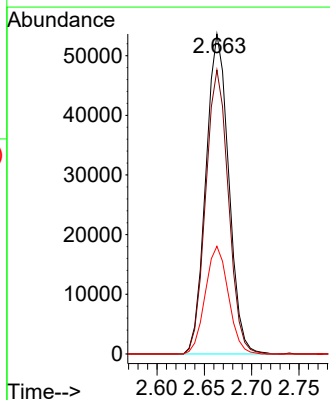
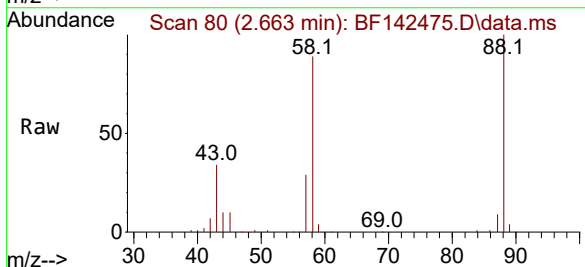
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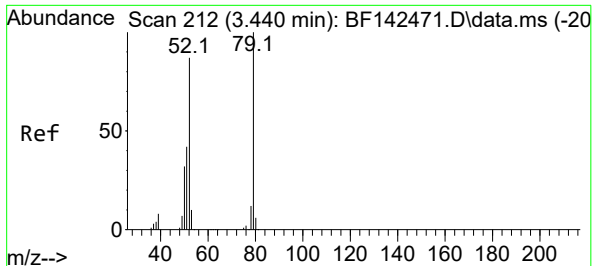
Tgt Ion:152 Resp: 99411
 Ion Ratio Lower Upper
 152 100
 150 158.4 128.2 192.4
 115 59.3 48.3 72.5



#2
 1,4-Dioxane
 Concen: 38.184 ng
 RT: 2.663 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142475.D
 Acq: 20 May 2025 16:31

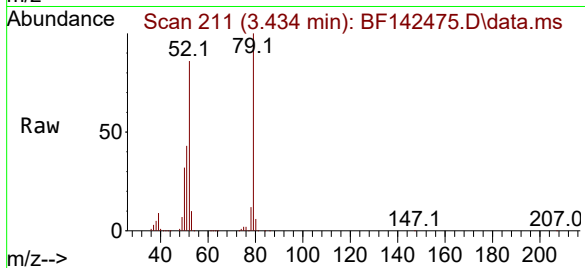
Tgt Ion: 88 Resp: 90159
 Ion Ratio Lower Upper
 88 100
 58 88.1 70.8 106.2
 43 33.9 26.6 40.0



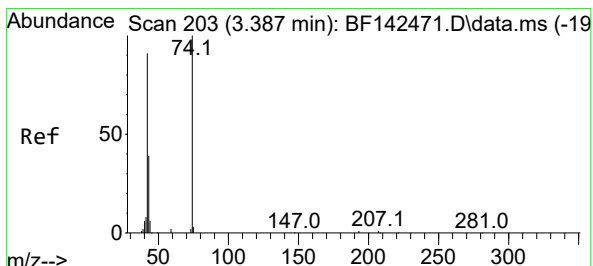
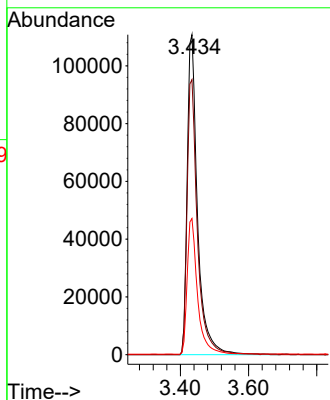
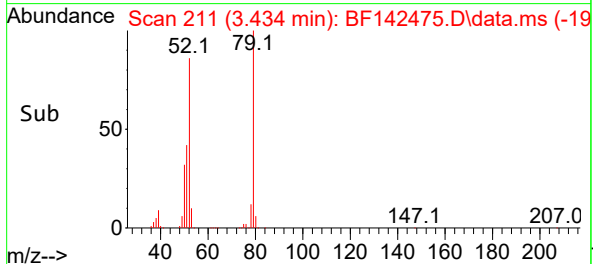


#3
Pyridine
Concen: 38.607 ng
RT: 3.434 min Scan# 212
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

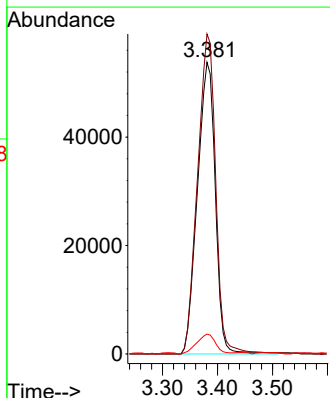
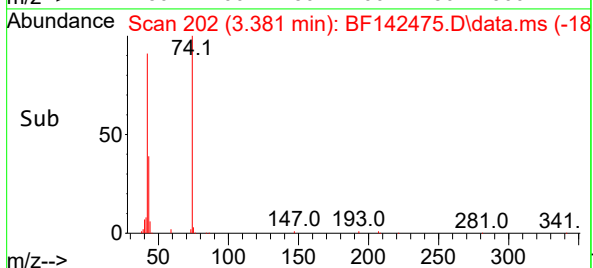
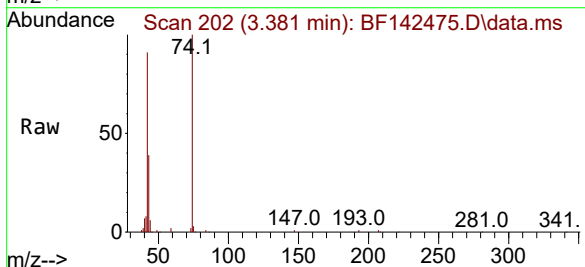


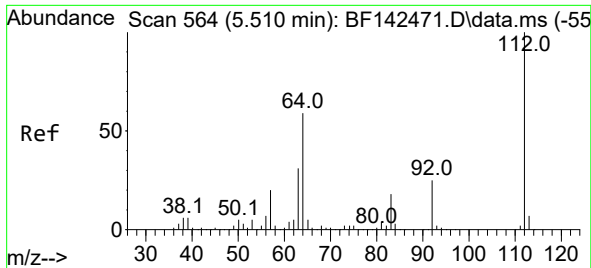
Tgt Ion: 79 Resp: 232139
Ion Ratio Lower Upper
79 100
52 85.9 69.2 103.8
51 42.6 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 38.995 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.023 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 42 Resp: 121742
Ion Ratio Lower Upper
42 100
74 109.7 88.2 132.4
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 75.157 ng
RT: 5.510 min Scan# 510
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

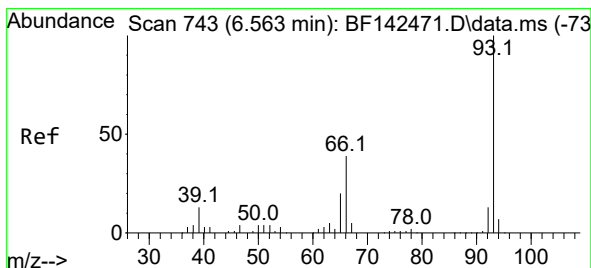
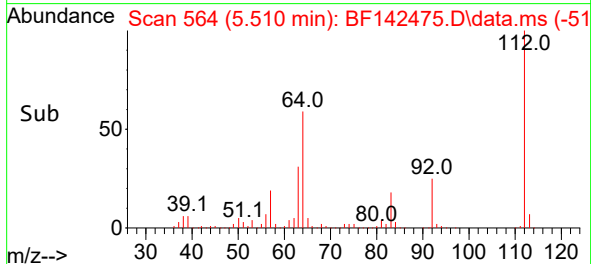
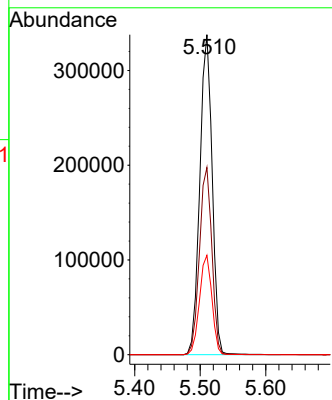
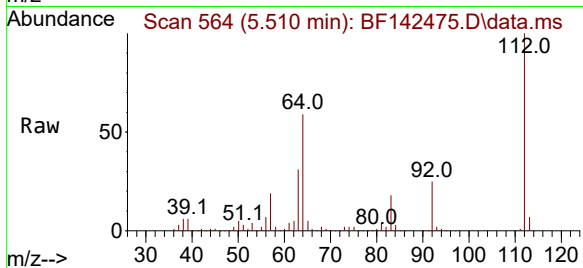
Instrument :

BNA_F

ClientSampleId :

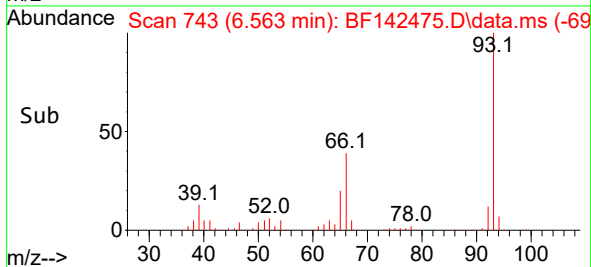
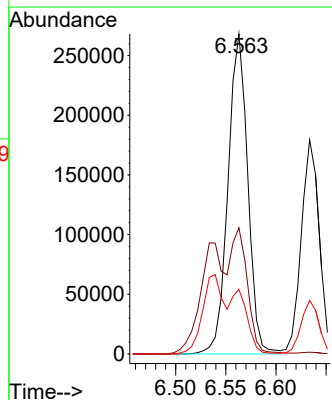
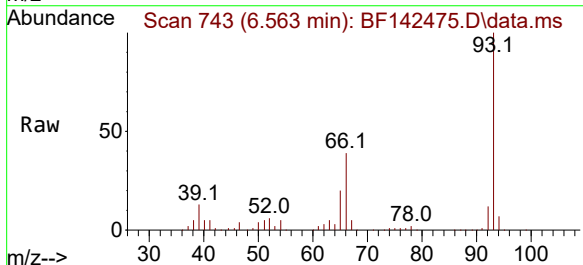
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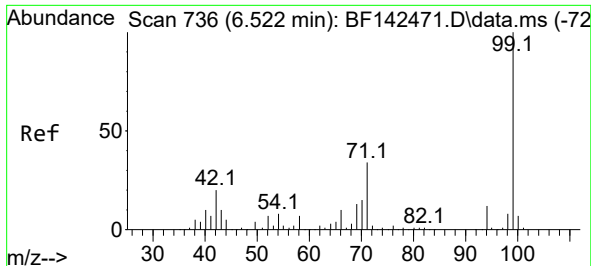
Tgt Ion:112 Resp: 443470
Ion Ratio Lower Upper
112 100
64 58.5 47.5 71.3
63 31.1 24.9 37.3



#6
Aniline
Concen: 38.415 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 93 Resp: 366889
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 20.2 16.1 24.1

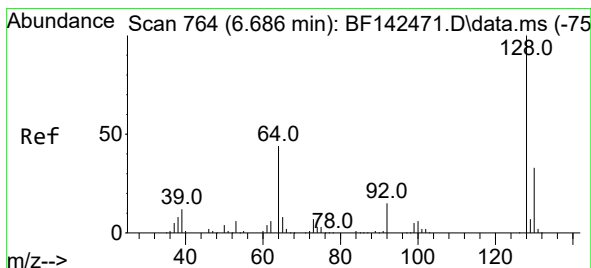
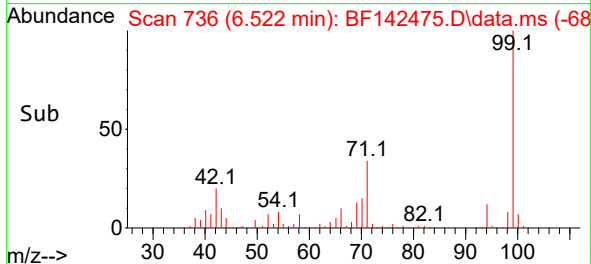
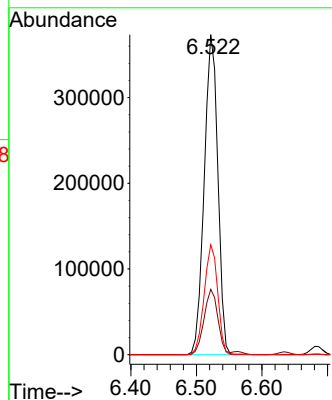
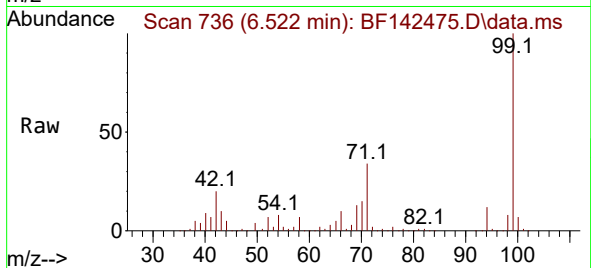




#7
Phenol-d6
Concen: 76.025 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

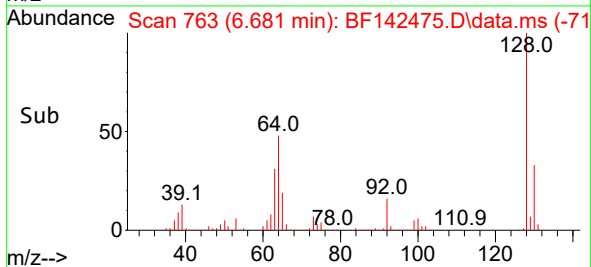
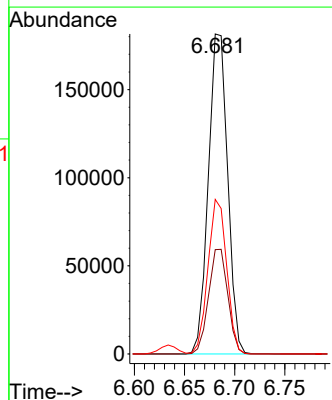
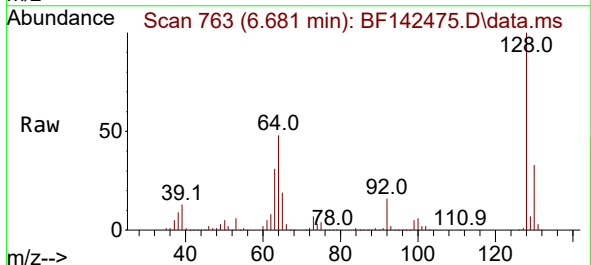
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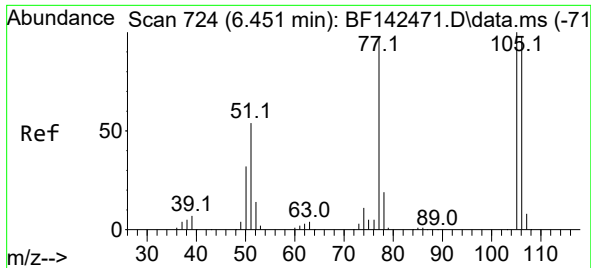
Tgt Ion: 99 Resp: 539999
Ion Ratio Lower Upper
99 100
42 20.4 16.2 24.2
71 34.3 27.3 40.9



#8
2-Chlorophenol
Concen: 37.902 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:128 Resp: 243599
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 48.3 25.1 65.1

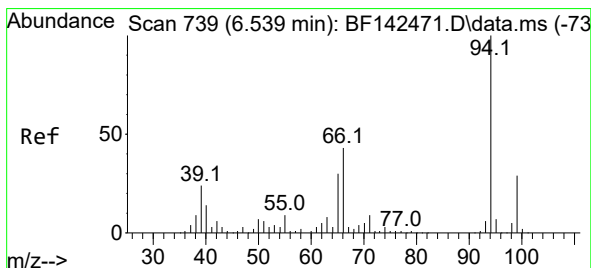
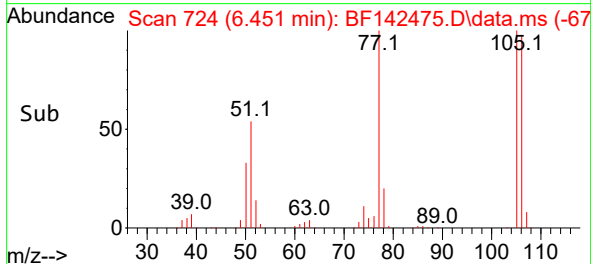
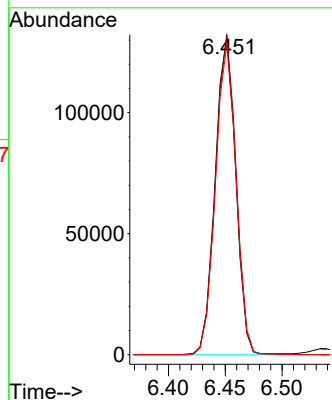
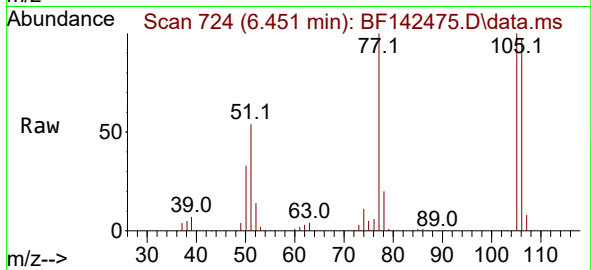




#9
Benzaldehyde
Concen: 38.726 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

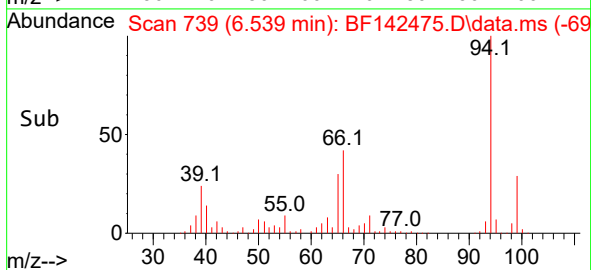
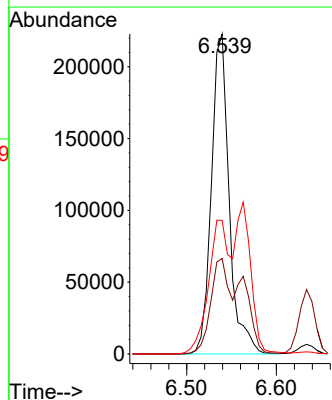
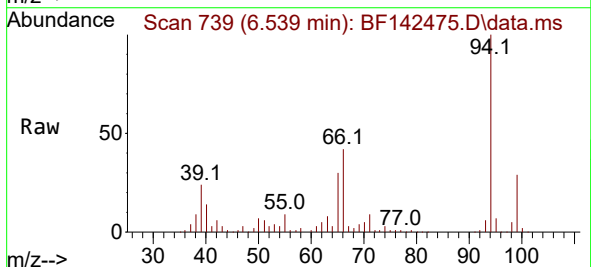
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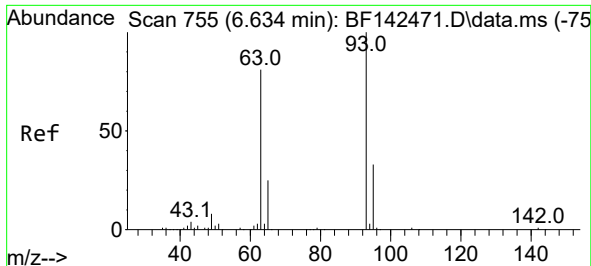
Tgt Ion: 77 Resp: 165445
Ion Ratio Lower Upper
77 100
105 100.5 82.5 122.5
106 97.4 80.0 120.0



#10
Phenol
Concen: 38.362 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142475.D
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Tgt Ion: 94 Resp: 306601
Ion Ratio Lower Upper
94 100
65 29.8 10.3 50.3
66 41.7 22.6 62.6

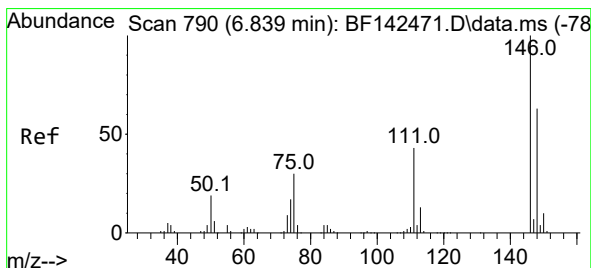
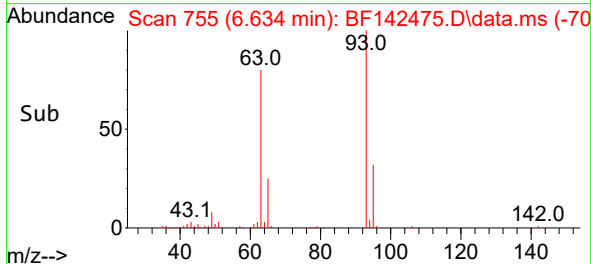
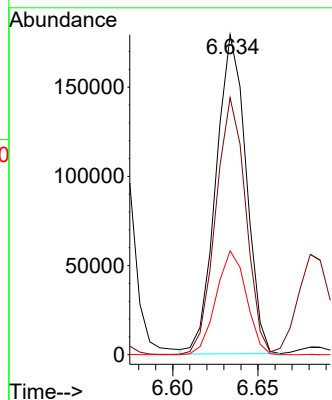
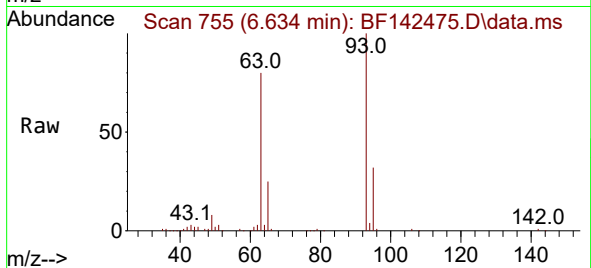




#11
bis(2-Chloroethyl)ether
Concen: 38.280 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

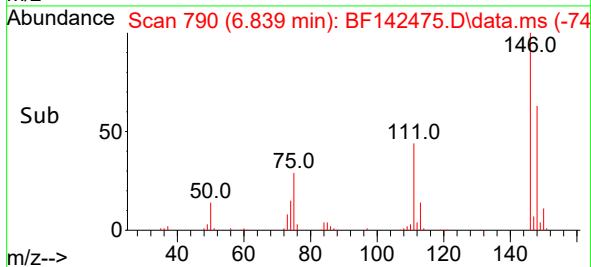
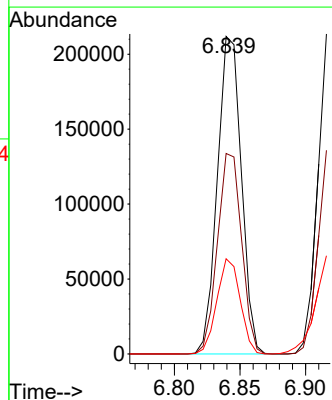
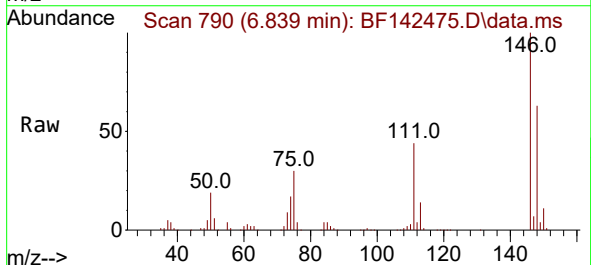
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

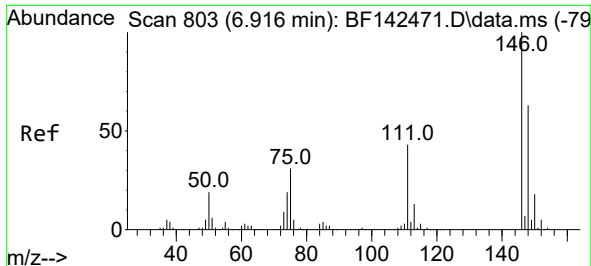
Tgt Ion: 93 Resp: 220228
Ion Ratio Lower Upper
93 100
63 80.3 60.2 100.2
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.579 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

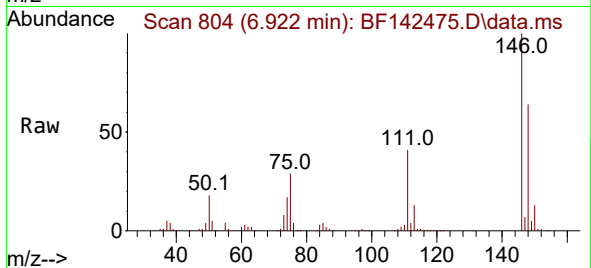
Tgt Ion:146 Resp: 269504
Ion Ratio Lower Upper
146 100
148 63.1 50.6 75.8
75 30.0 23.8 35.6



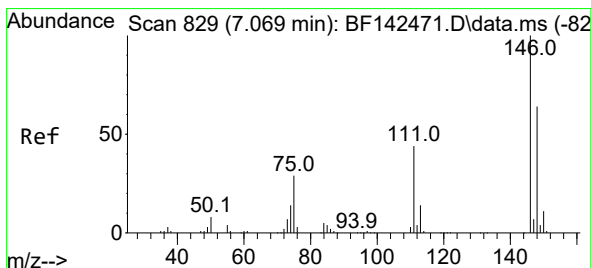
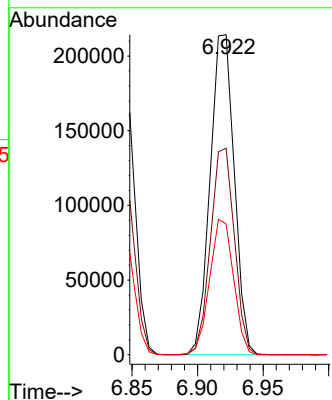
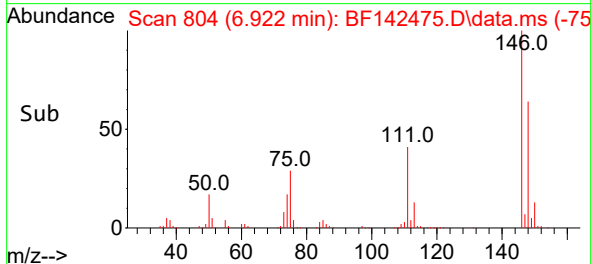


#13
1,4-Dichlorobenzene
Concen: 38.078 ng
RT: 6.922 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

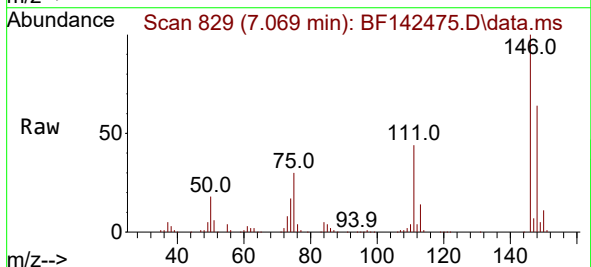
Instrument :
BNA_F
ClientSampleId :
ICVBF052025



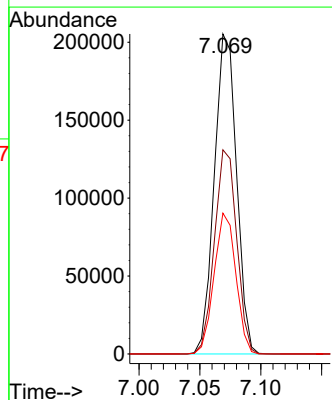
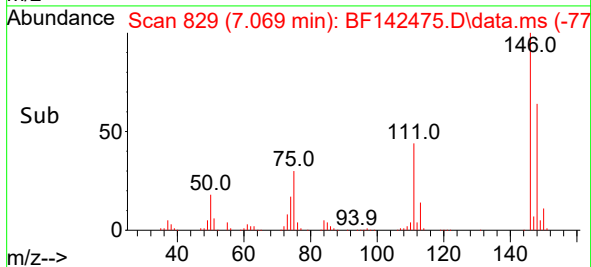
Tgt Ion:146 Resp: 275076
Ion Ratio Lower Upper
146 100
148 64.5 50.4 75.6
111 40.9 34.1 51.1

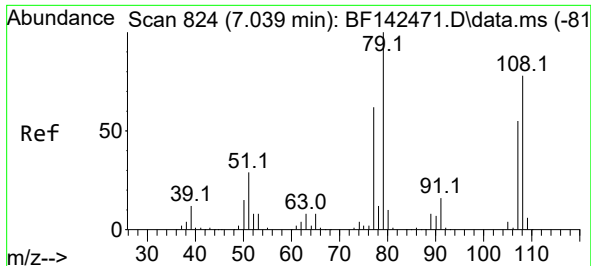


#14
1,2-Dichlorobenzene
Concen: 37.716 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31



Tgt Ion:146 Resp: 260709
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
111 44.0 35.0 52.6

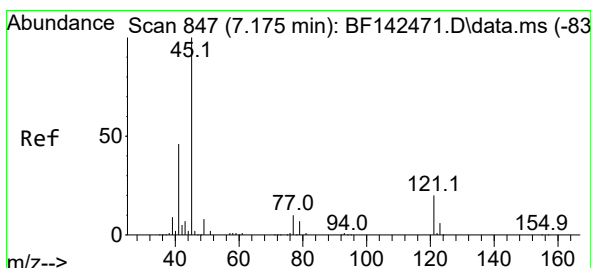
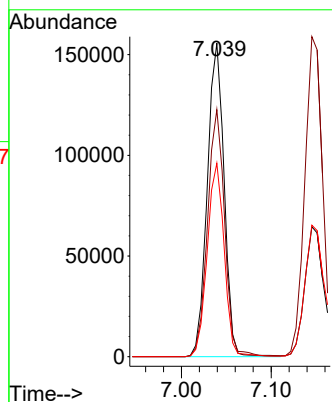
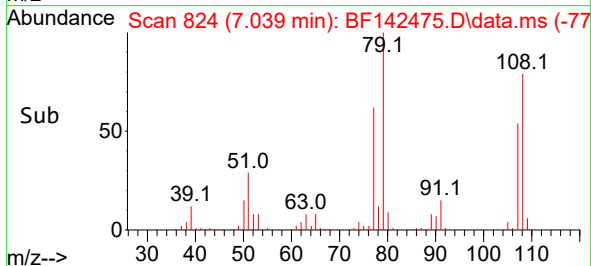
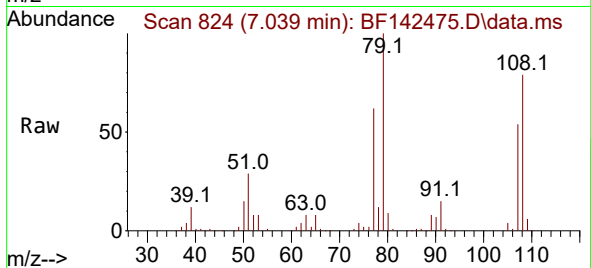




#15
Benzyl Alcohol
Concen: 38.663 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

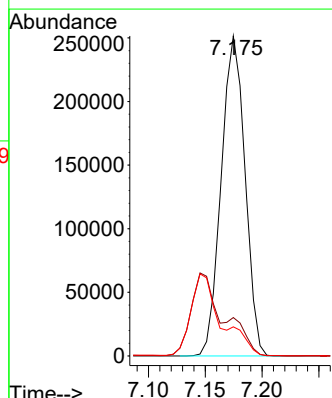
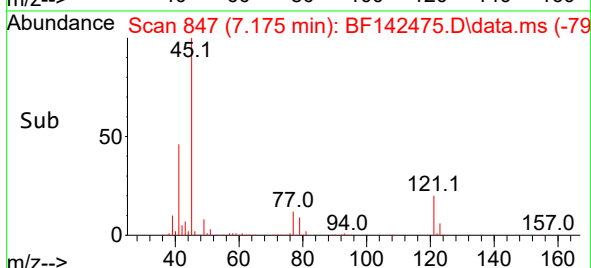
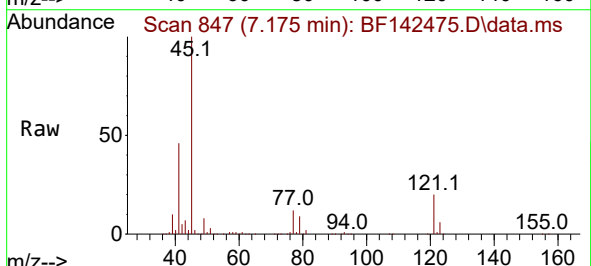
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

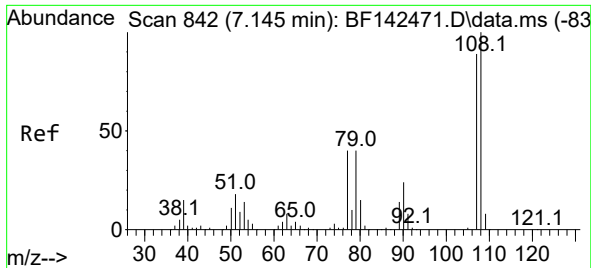
Tgt Ion: 79 Resp: 202944
Ion Ratio Lower Upper
79 100
108 78.8 62.1 93.1
77 61.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.927 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 45 Resp: 366430
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.0
79 9.1 0.0 29.2

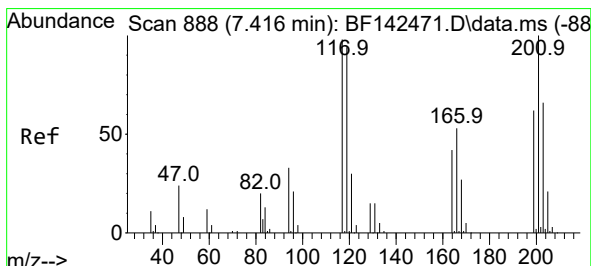
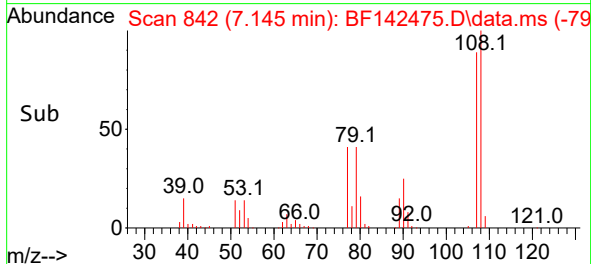
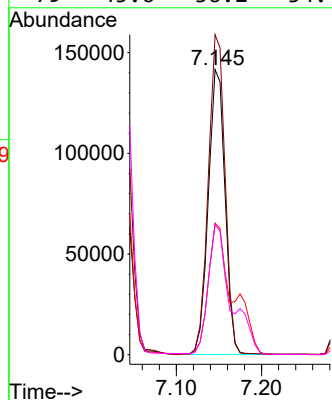
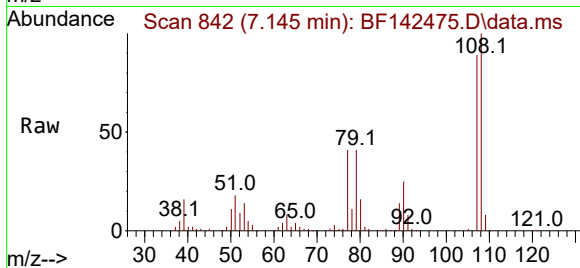




#17
2-Methylphenol
Concen: 38.500 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

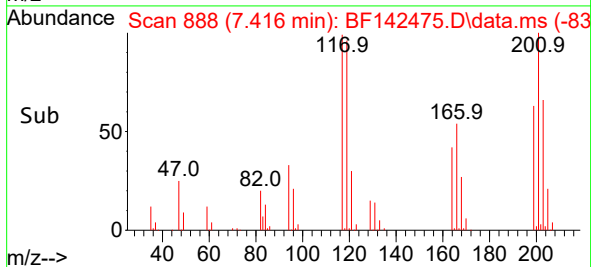
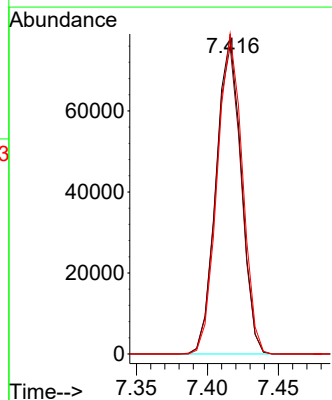
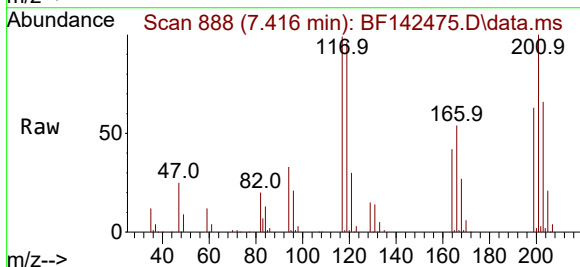
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

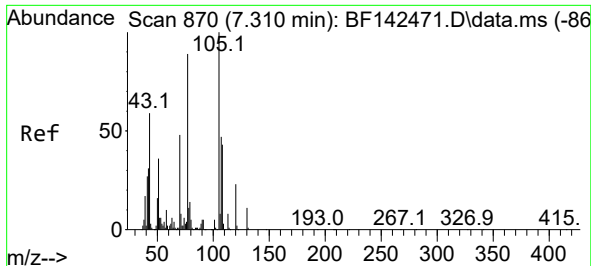
Tgt Ion:	107	Resp:	193190
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.2	135.2
77	46.1	36.1	54.1
79	45.6	36.2	54.4



#18
Hexachloroethane
Concen: 38.137 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:	117	Resp:	96202
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	114.8
201	100.8	81.3	121.9



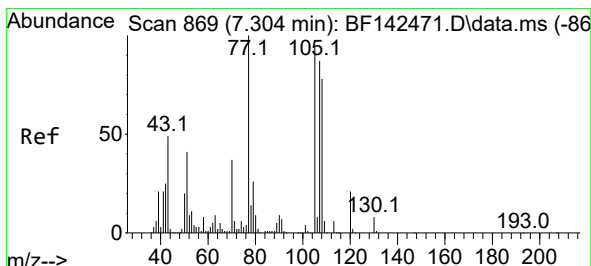
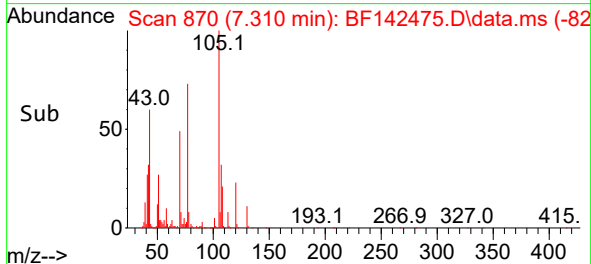
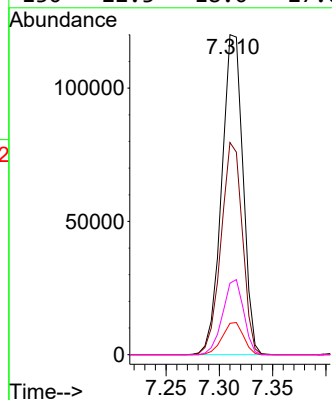
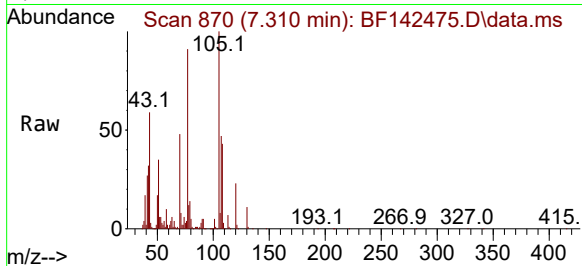


#19
n-Nitroso-di-n-propylamine
Concen: 37.833 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 70 Resp: 166542

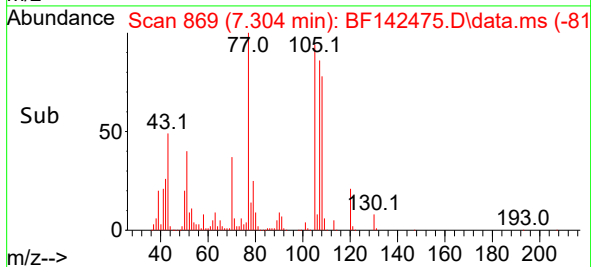
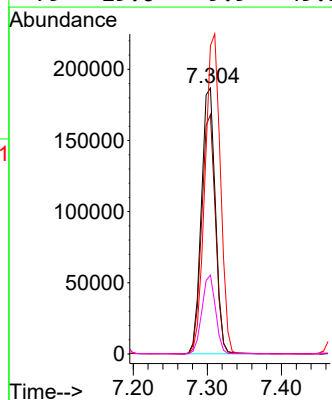
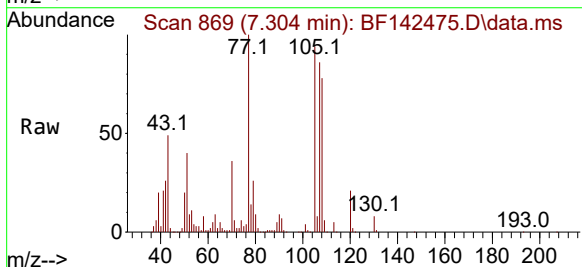
Ion	Ratio	Lower	Upper
70	100		
42	66.3	52.4	78.6
101	9.8	7.8	11.8
130	22.3	18.0	27.0

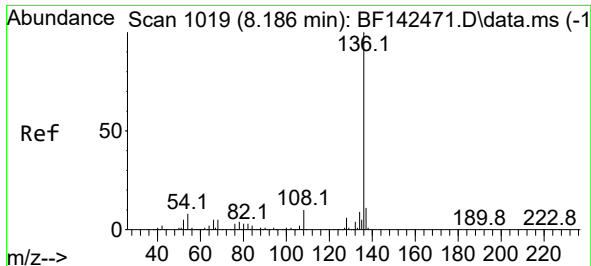


#20
3+4-Methylphenols
Concen: 38.020 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 107 Resp: 244310

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.4	110.4
77	115.9	95.4	135.4
79	29.6	9.9	49.9

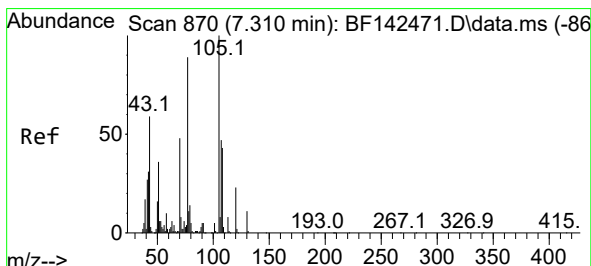
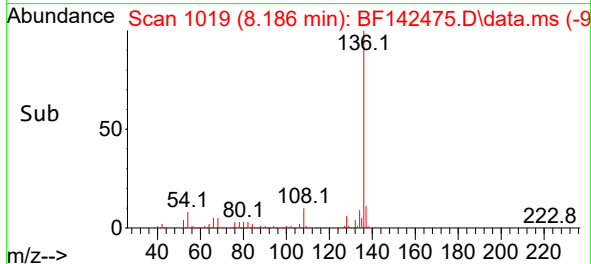
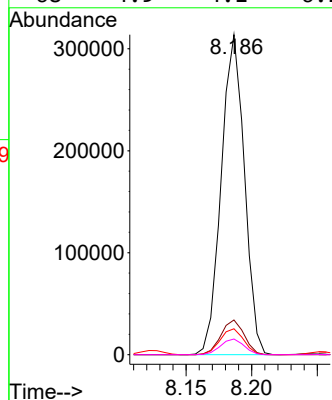
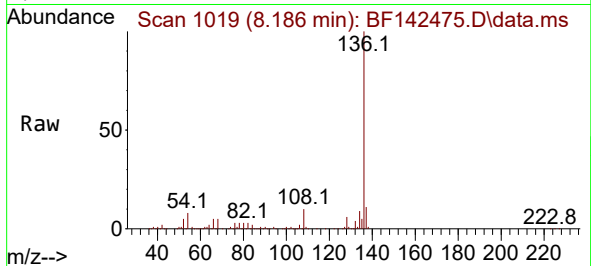




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

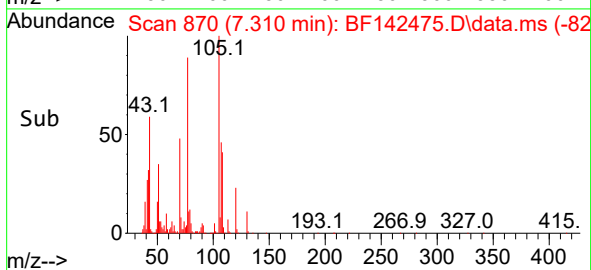
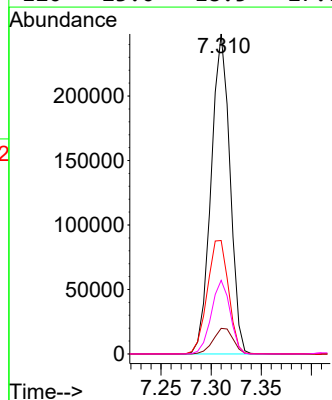
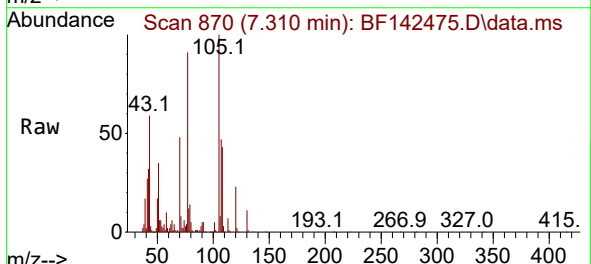
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

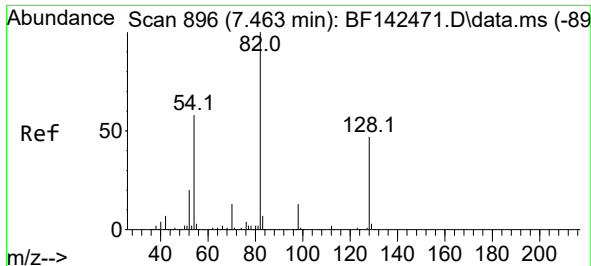
Tgt Ion:136 Resp: 385222
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 6.6 10.0
68 4.9 4.1 6.1



#22
Acetophenone
Concen: 38.118 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:105 Resp: 325056
Ion Ratio Lower Upper
105 100
71 8.0 6.4 9.6
51 35.4 28.6 42.8
120 23.0 18.5 27.7





#23

Nitrobenzene-d5

Concen: 77.283 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

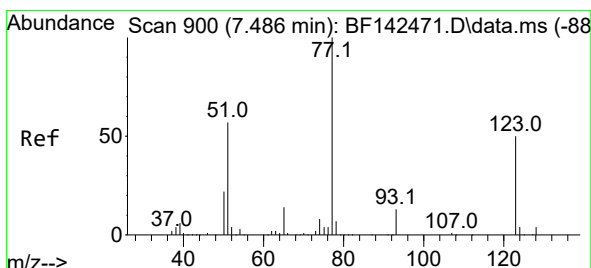
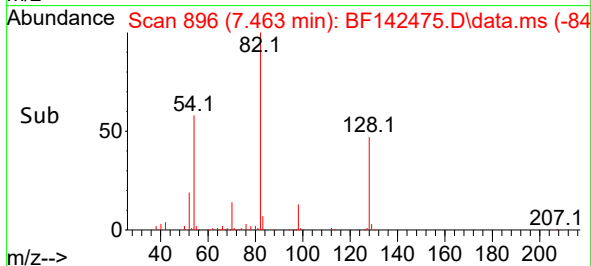
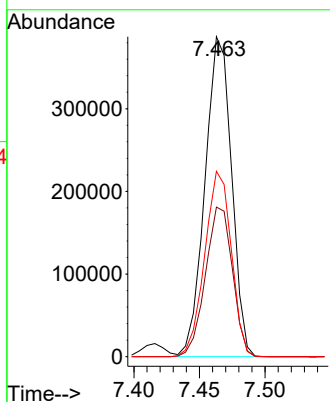
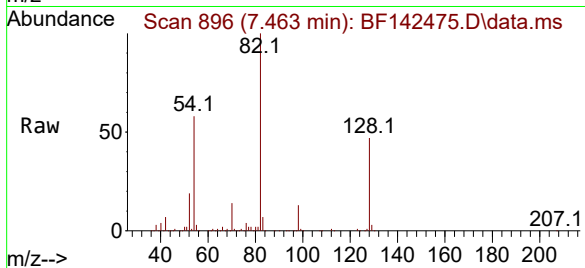
Tgt Ion: 82 Resp: 545967

Ion Ratio Lower Upper

82 100

128 46.7 37.4 56.2

54 58.0 46.6 70.0



#24

Nitrobenzene

Concen: 38.737 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

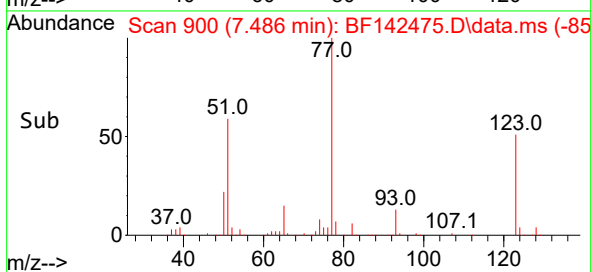
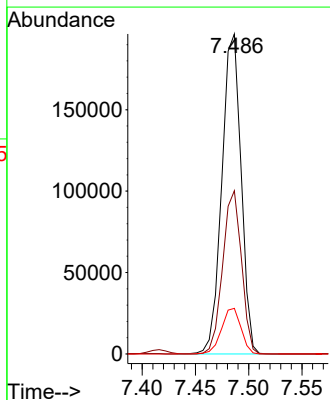
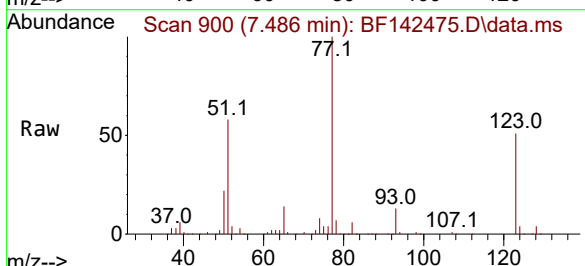
Tgt Ion: 77 Resp: 246818

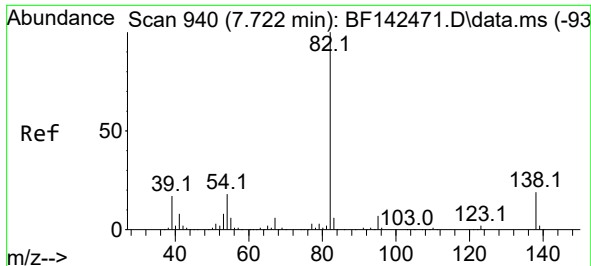
Ion Ratio Lower Upper

77 100

123 51.0 40.6 61.0

65 14.3 11.4 17.2

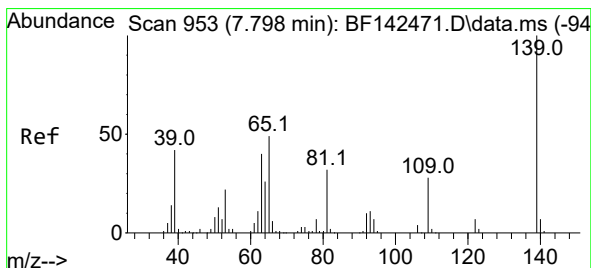
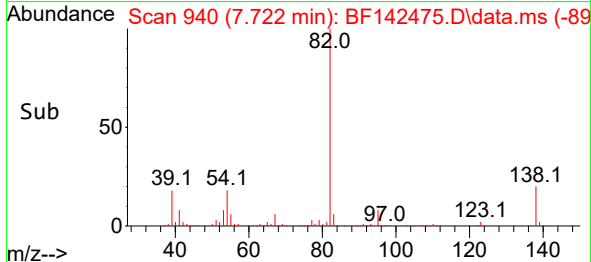
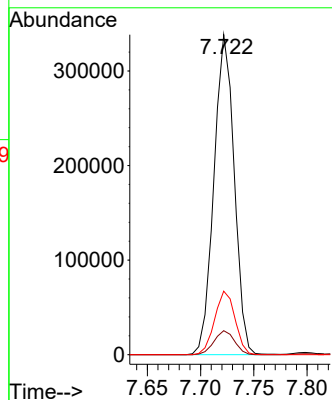
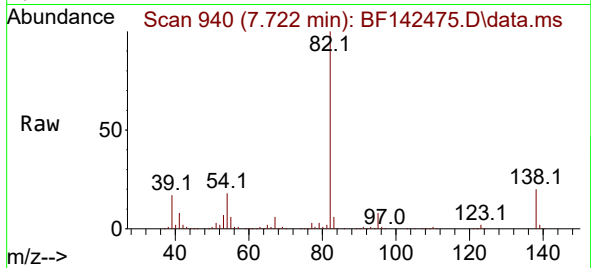




#25
Isophorone
Concen: 37.906 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

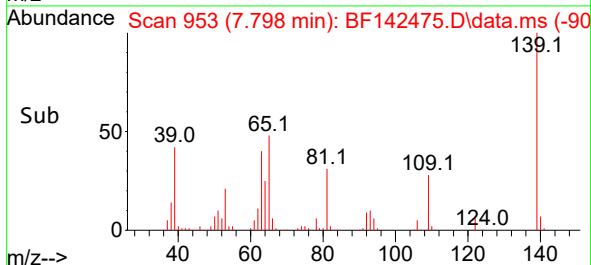
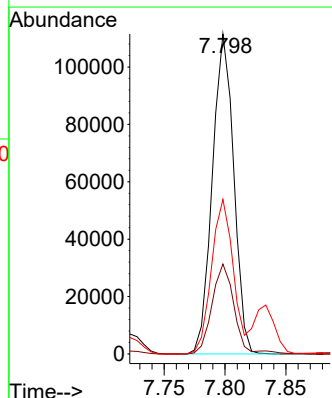
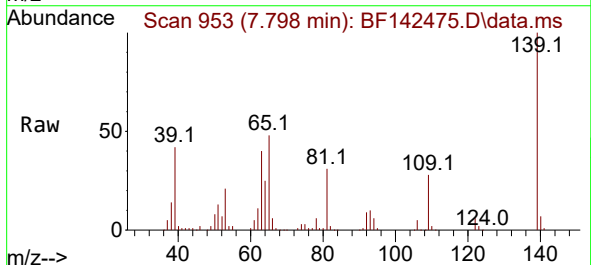
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

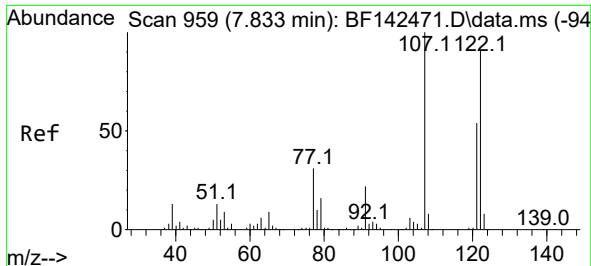
Tgt Ion: 82 Resp: 447723
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 19.9 15.5 23.3



#26
2-Nitrophenol
Concen: 39.958 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:139 Resp: 136039
Ion Ratio Lower Upper
139 100
109 28.1 22.6 33.8
65 48.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.953 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

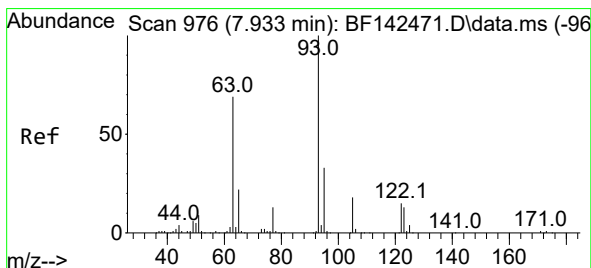
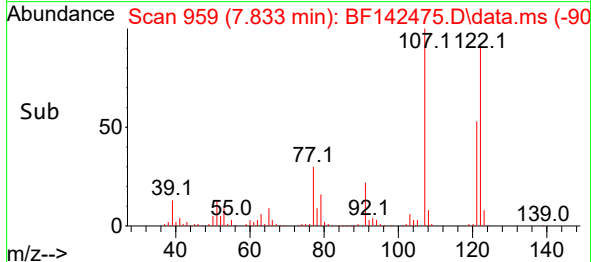
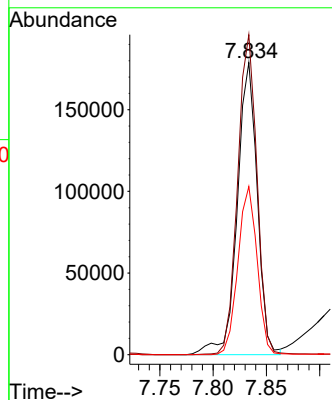
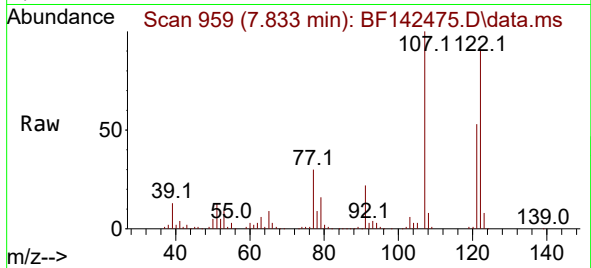
Tgt Ion:122 Resp: 233871

Ion Ratio Lower Upper

122 100

107 109.5 88.1 132.1

121 57.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.407 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

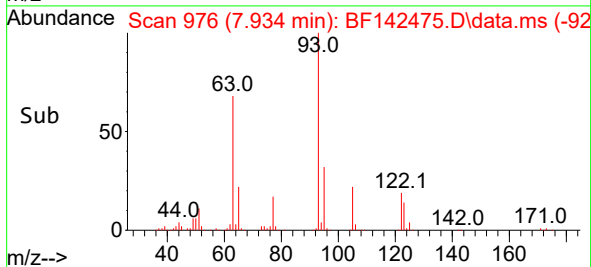
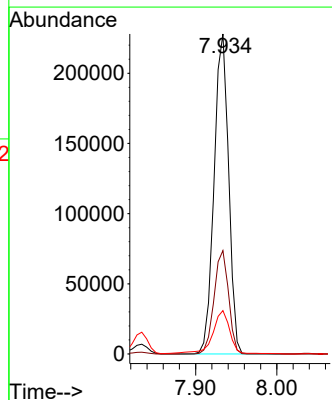
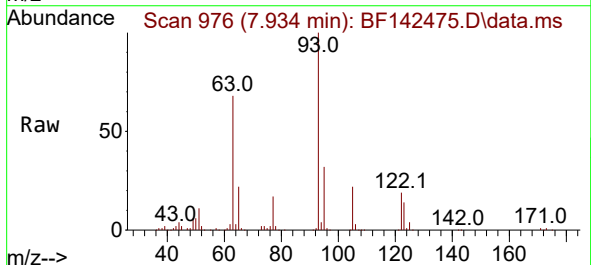
Tgt Ion: 93 Resp: 283379

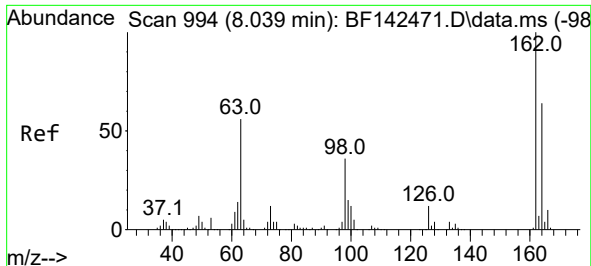
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 13.5 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 38.285 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

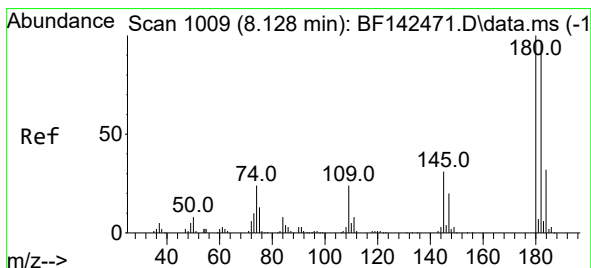
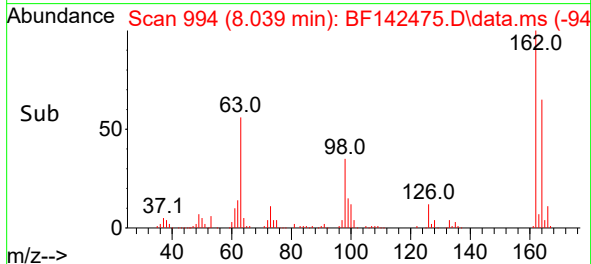
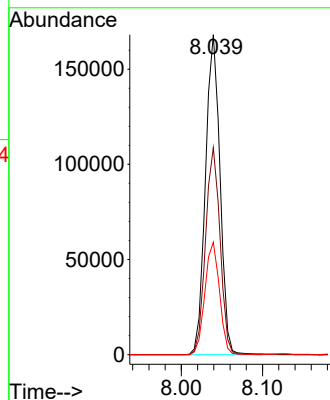
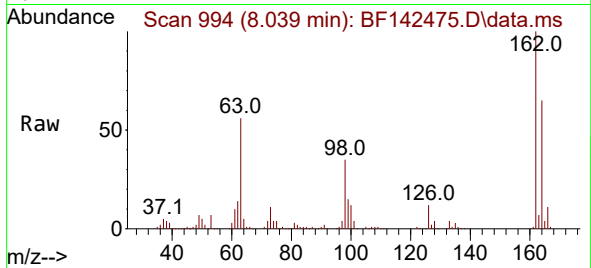
Tgt Ion:162 Resp: 209040

Ion Ratio Lower Upper

162 100

164 64.7 43.7 83.7

98 35.1 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 38.187 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

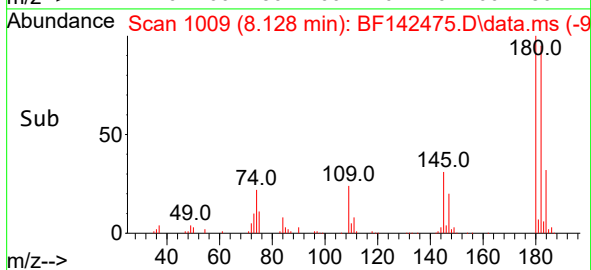
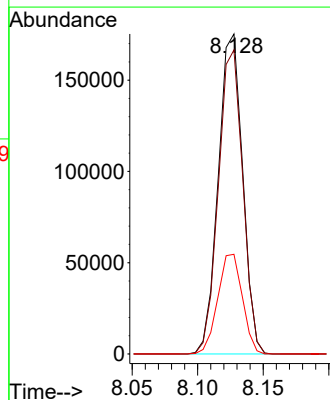
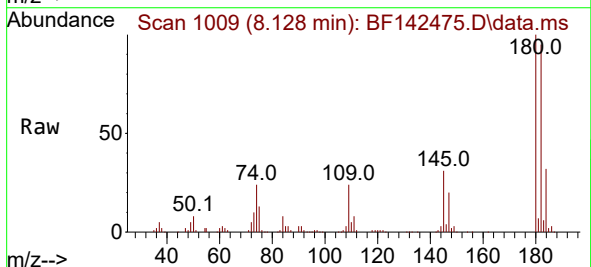
Tgt Ion:180 Resp: 226285

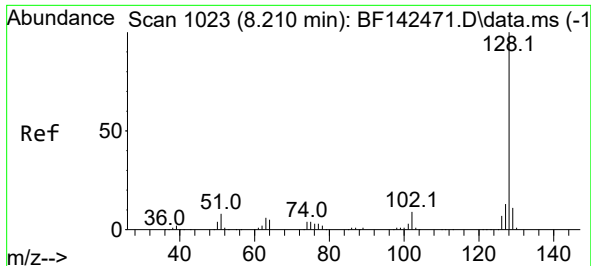
Ion Ratio Lower Upper

180 100

182 95.0 78.0 117.0

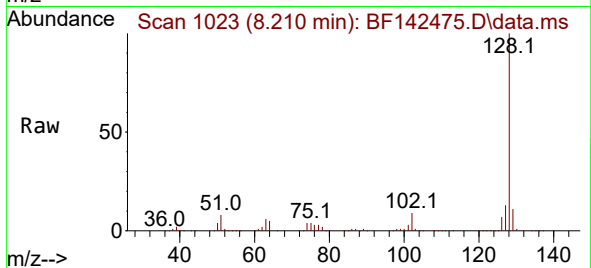
145 31.2 25.0 37.6



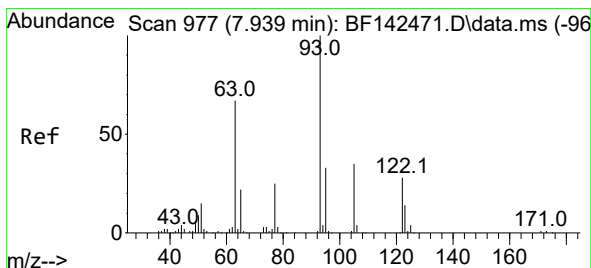
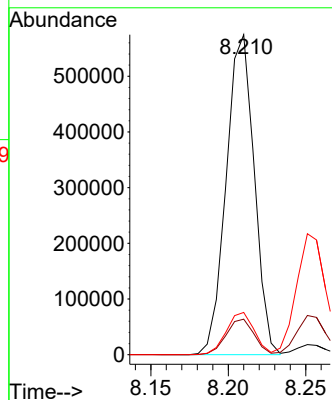
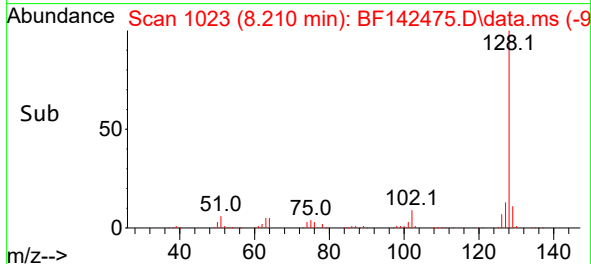


#31
Naphthalene
Concen: 38.112 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

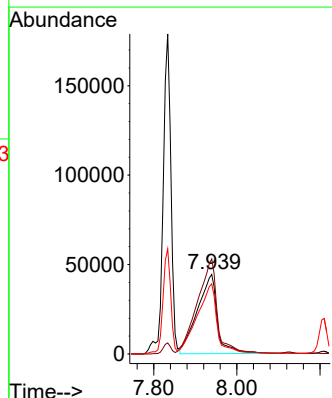
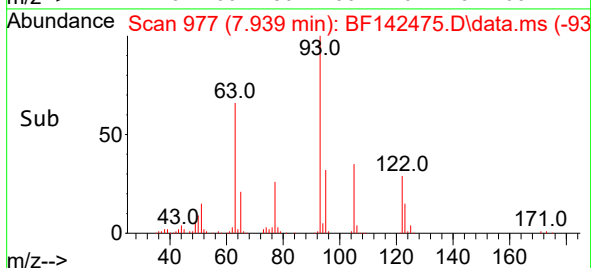
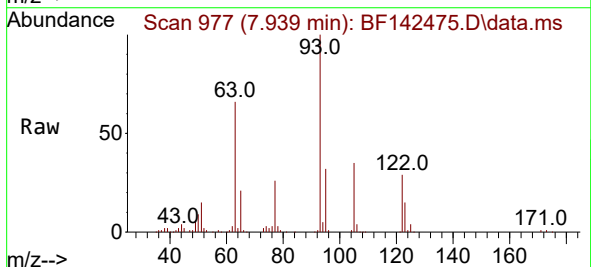


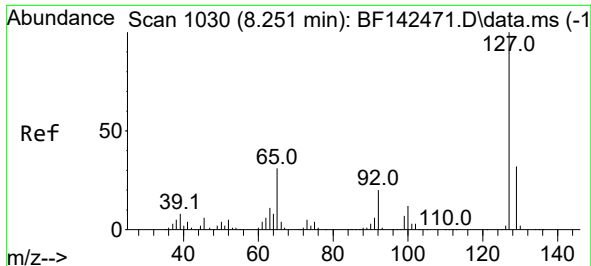
Tgt Ion:128 Resp: 722913
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 40.490 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:122 Resp: 147981
Ion Ratio Lower Upper
122 100
105 119.5 101.7 141.7
77 88.1 69.5 109.5



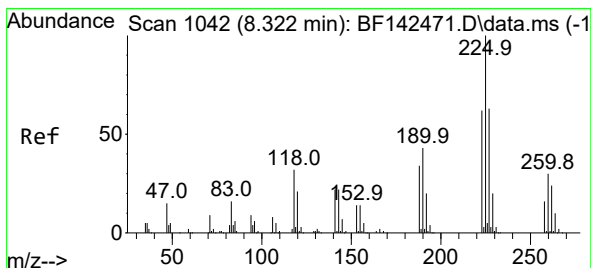
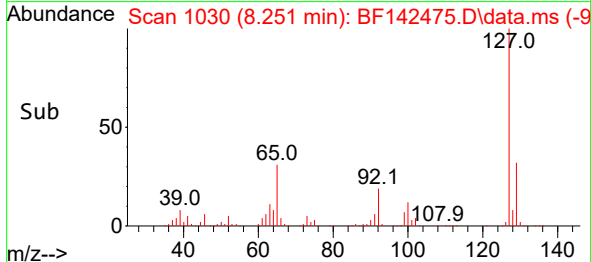
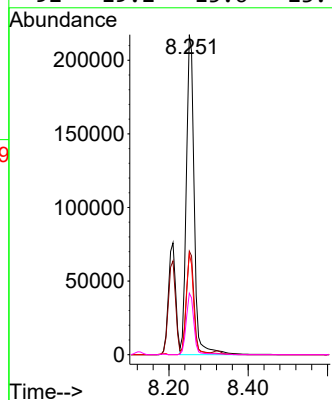
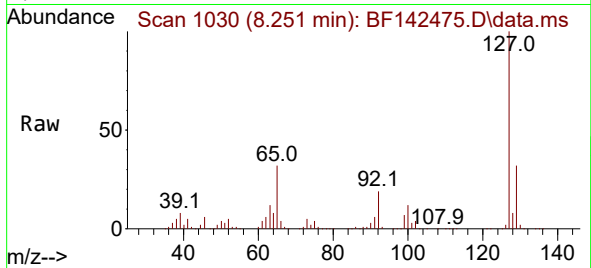


#33
4-Chloroaniline
Concen: 38.962 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:127 Resp: 299462

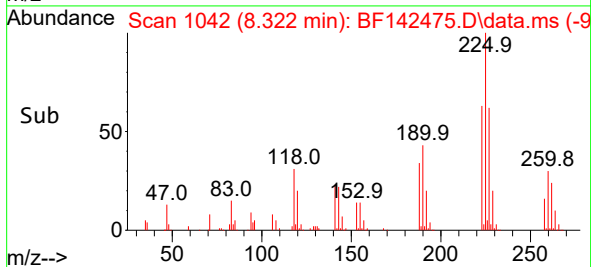
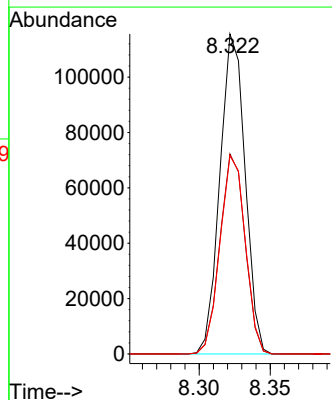
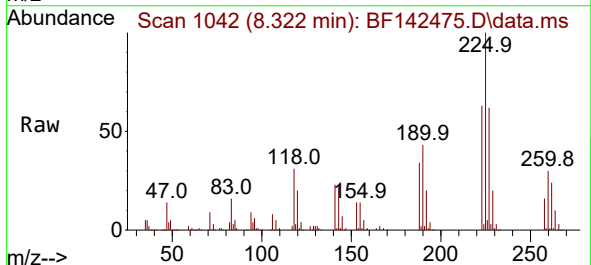
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	31.6	24.9	37.3
92	19.2	15.6	23.4

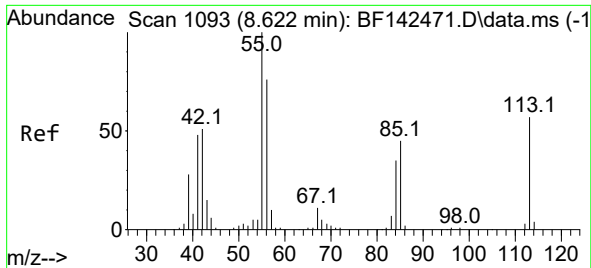


#34
Hexachlorobutadiene
Concen: 38.512 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:225 Resp: 142496

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	62.0	50.3	75.5

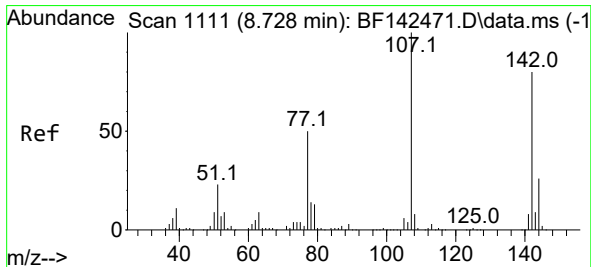
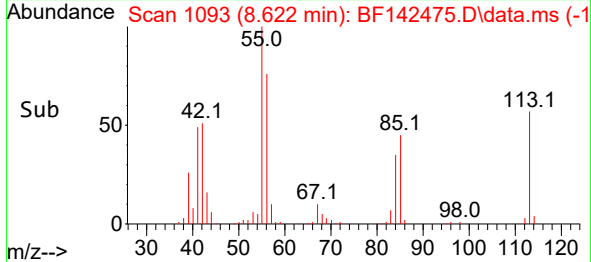
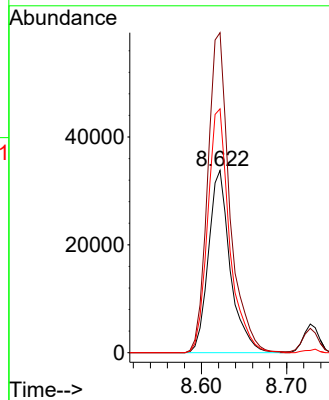
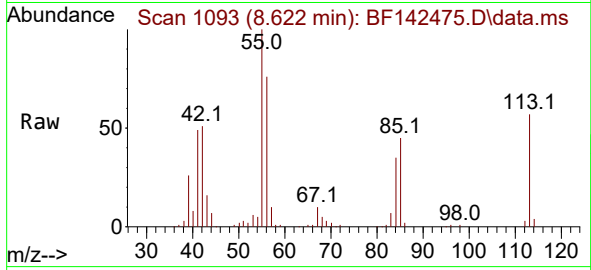




#35
Caprolactam
Concen: 39.162 ng
RT: 8.622 min Scan# 1093
Delta R.T. -0.023 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

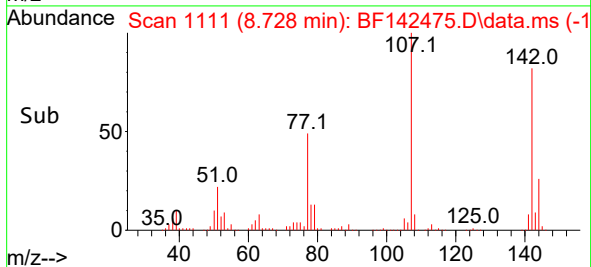
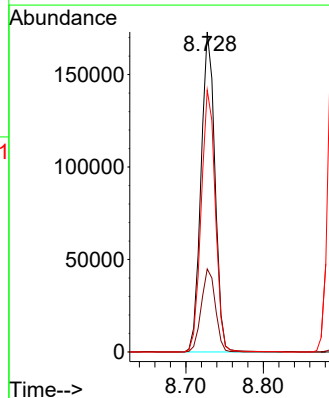
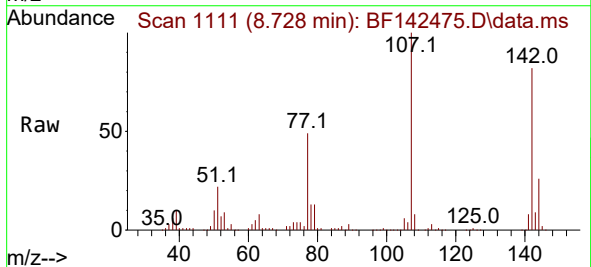
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

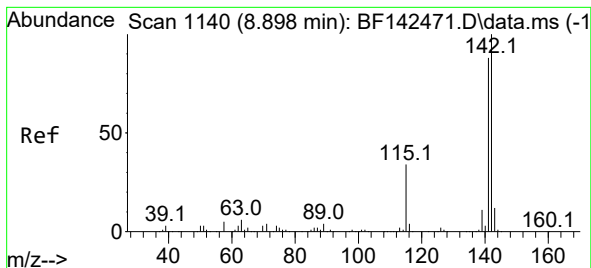
Tgt Ion:113 Resp: 60055
Ion Ratio Lower Upper
113 100
55 175.7 154.7 194.7
56 133.9 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 38.654 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:107 Resp: 216299
Ion Ratio Lower Upper
107 100
144 25.9 20.9 31.3
142 81.8 64.2 96.2

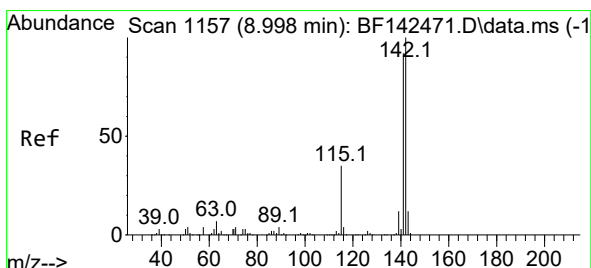
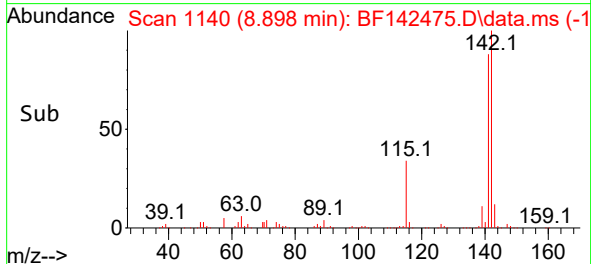
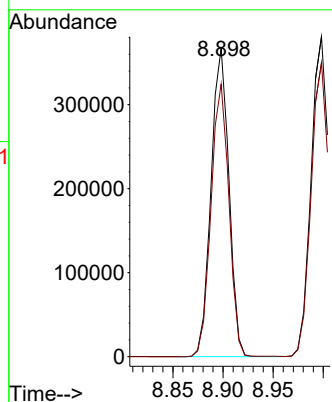
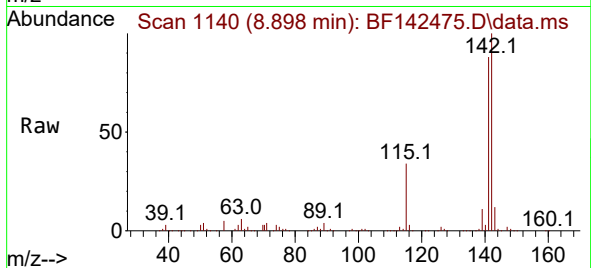




#37
2-Methylnaphthalene
Concen: 38.062 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

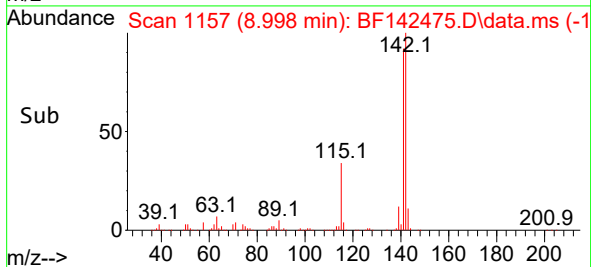
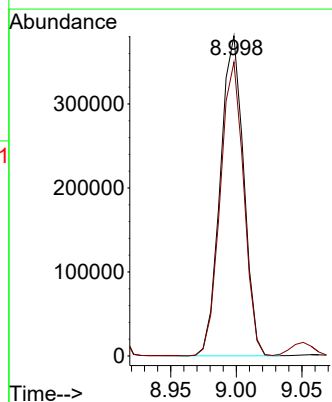
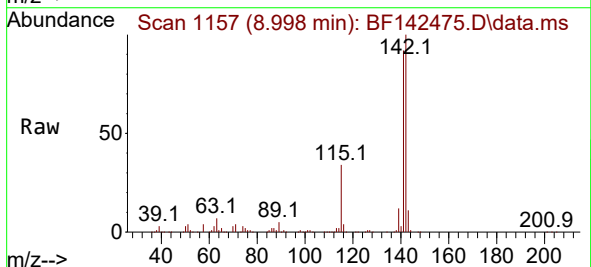
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

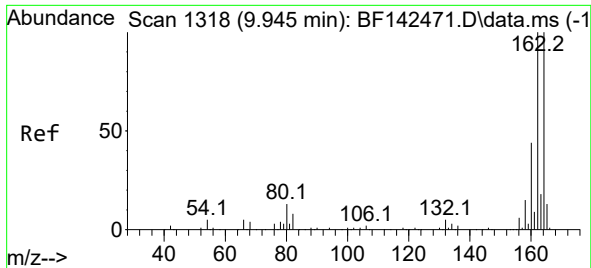
Tgt Ion:142 Resp: 454200
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1



#38
1-Methylnaphthalene
Concen: 38.229 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:142 Resp: 471880
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

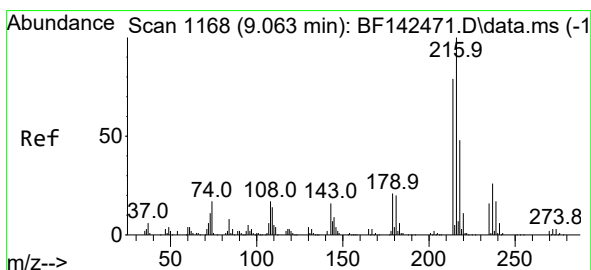
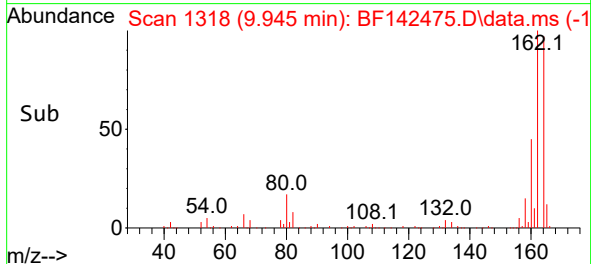
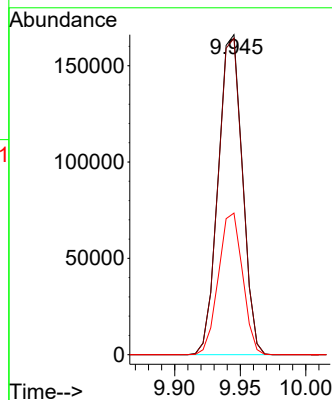
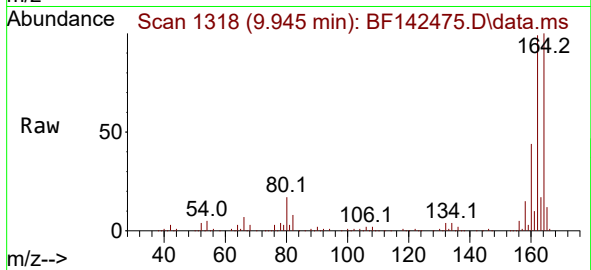
Tgt Ion:164 Resp: 213164

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.4

160 44.3 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.508 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Tgt Ion:216 Resp: 229514

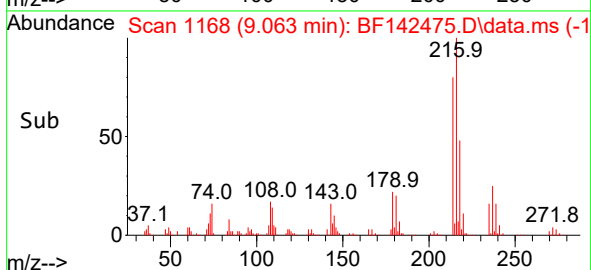
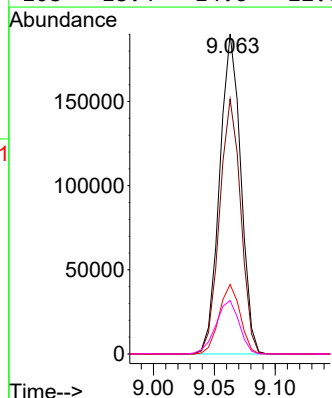
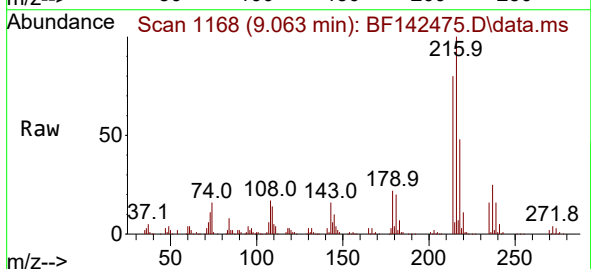
Ion Ratio Lower Upper

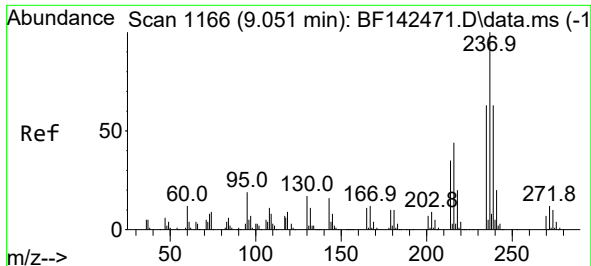
216 100

214 79.6 62.9 94.3

179 21.6 16.9 25.3

108 18.4 14.6 22.0

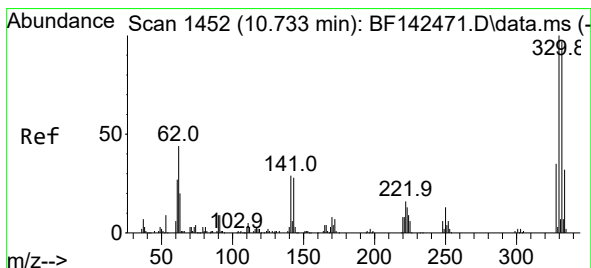
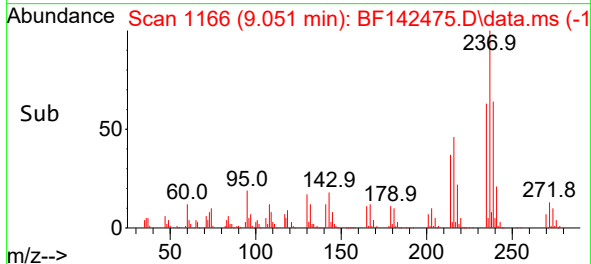
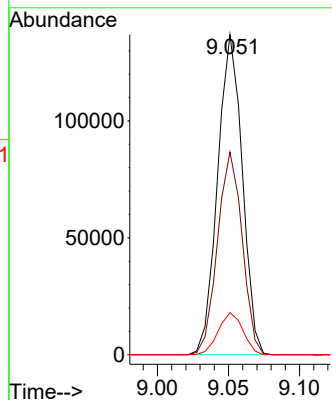
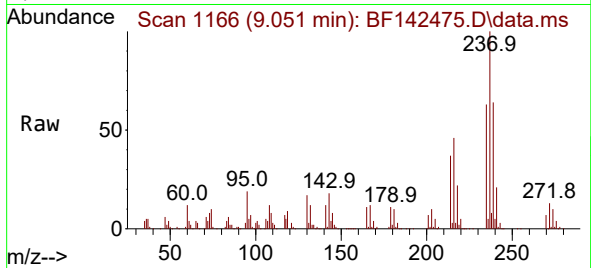




#41
Hexachlorocyclopentadiene
Concen: 39.991 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

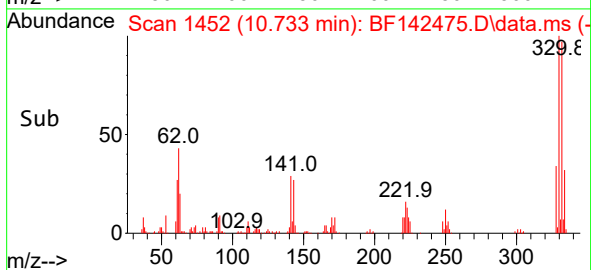
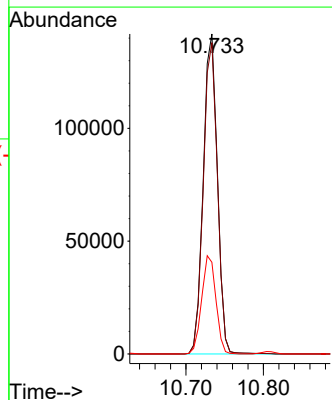
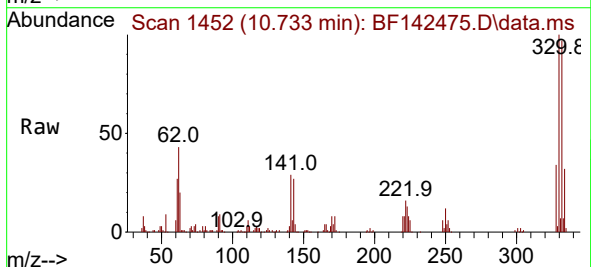
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

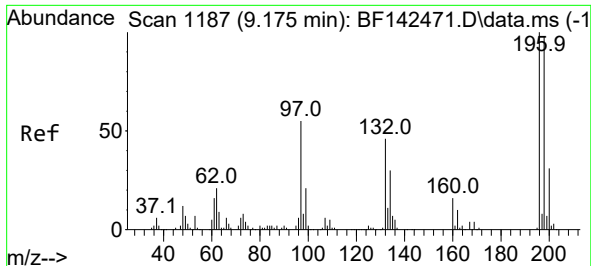
Tgt Ion:237 Resp: 165077
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 75.790 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:330 Resp: 179309
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 31.0 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 37.954 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

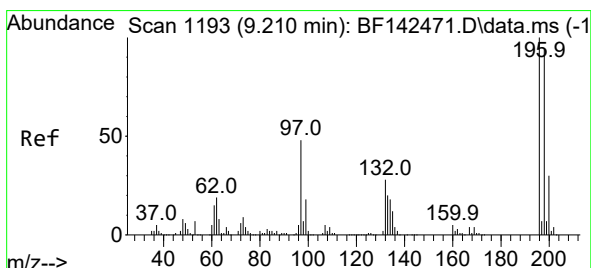
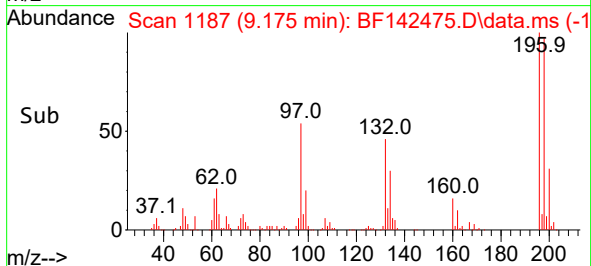
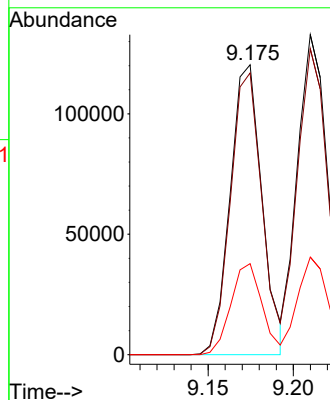
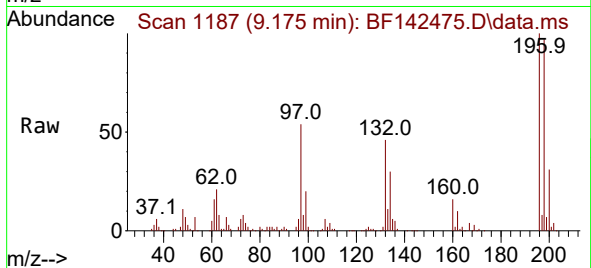
Tgt Ion:196 Resp: 156603

Ion Ratio Lower Upper

196 100

198 97.1 78.8 118.2

200 31.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 37.766 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Tgt Ion:196 Resp: 164342

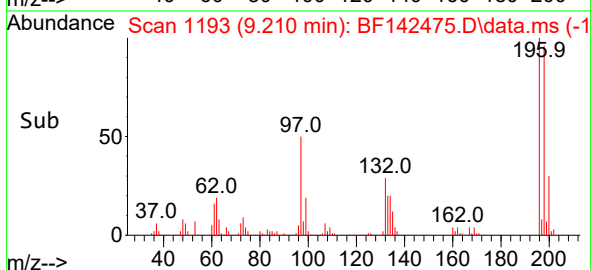
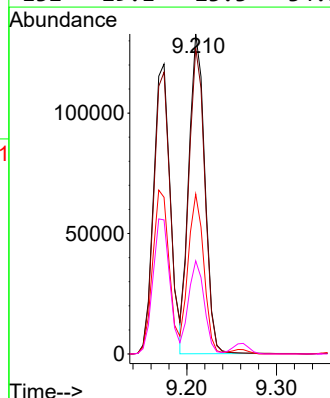
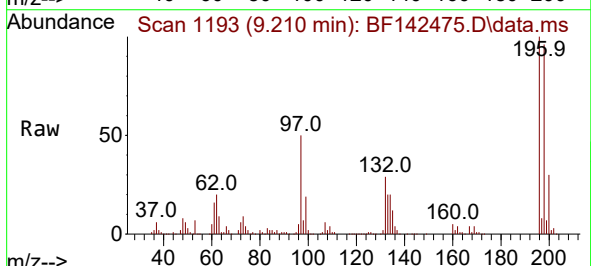
Ion Ratio Lower Upper

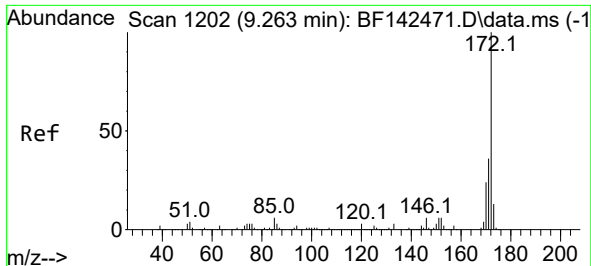
196 100

198 95.6 75.5 113.3

97 49.9 39.3 58.9

132 29.1 23.3 34.9

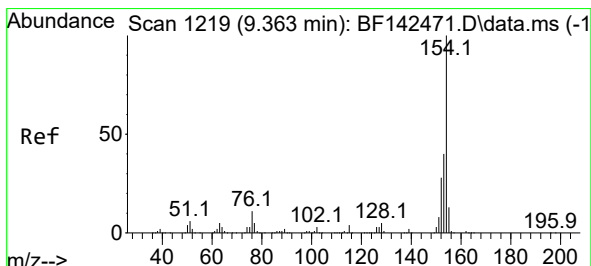
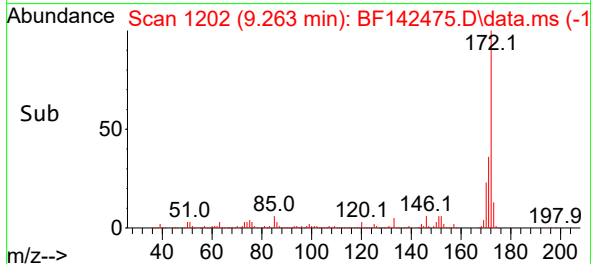
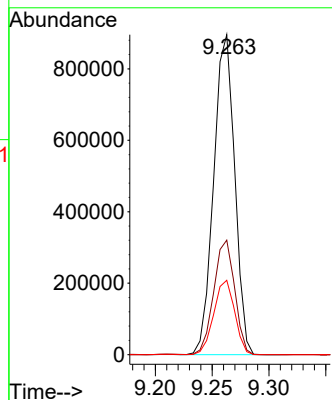
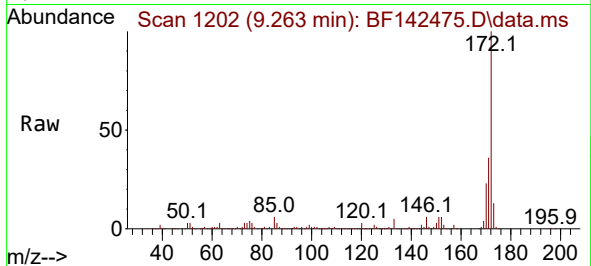




#45
2-Fluorobiphenyl
Concen: 72.557 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

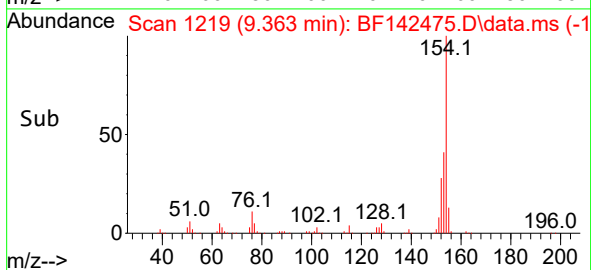
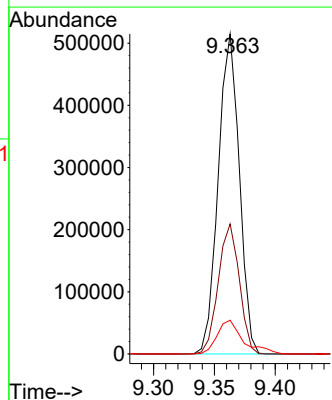
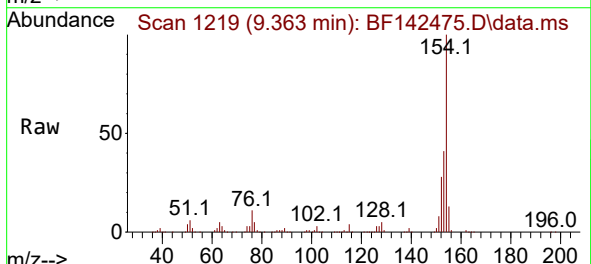
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

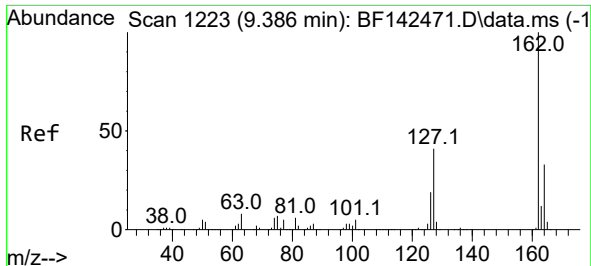
Tgt Ion:172 Resp: 1152622
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 37.487 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:154 Resp: 619947
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 10.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 37.763 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

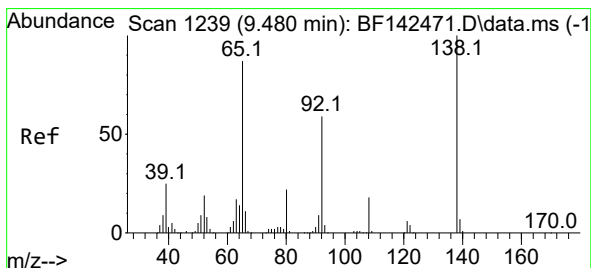
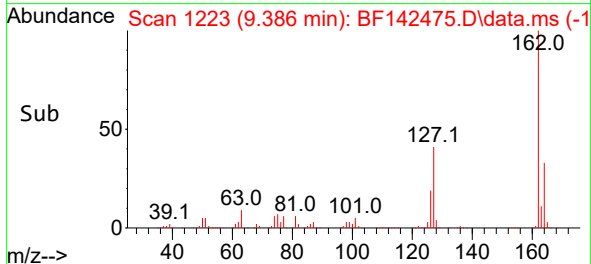
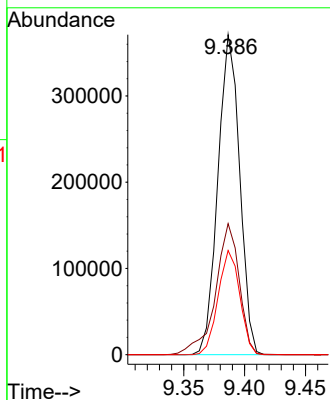
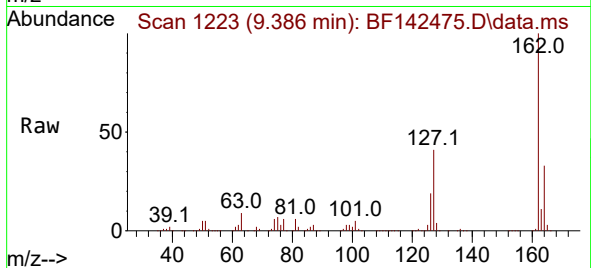
Tgt Ion:162 Resp: 461414

Ion Ratio Lower Upper

162 100

127 40.9 33.5 50.3

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 38.867 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

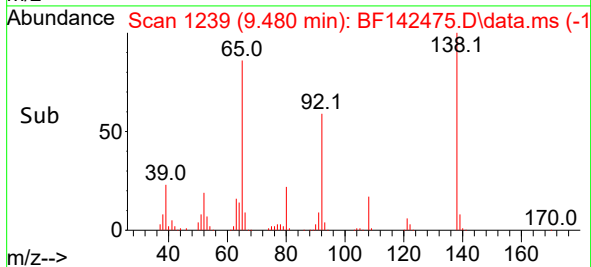
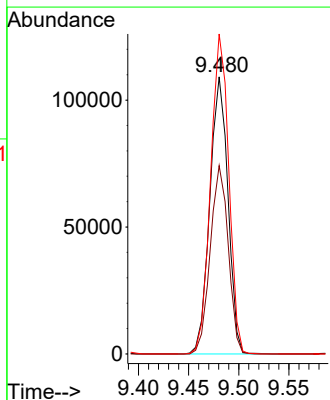
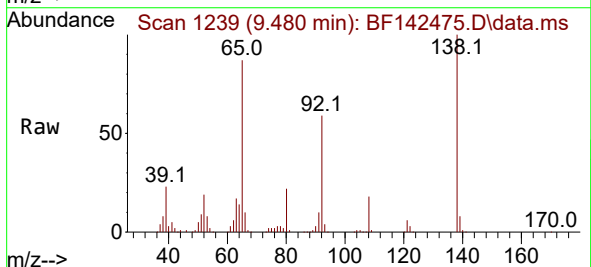
Tgt Ion: 65 Resp: 137268

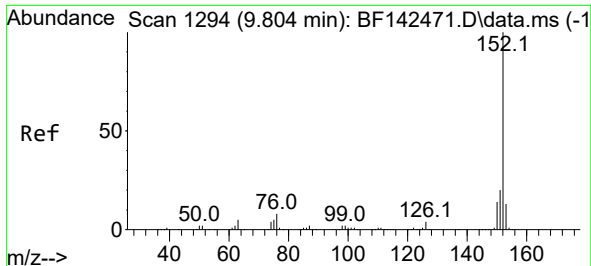
Ion Ratio Lower Upper

65 100

92 68.0 54.4 81.6

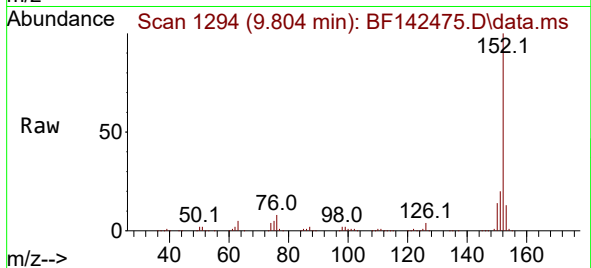
138 115.5 91.4 137.2



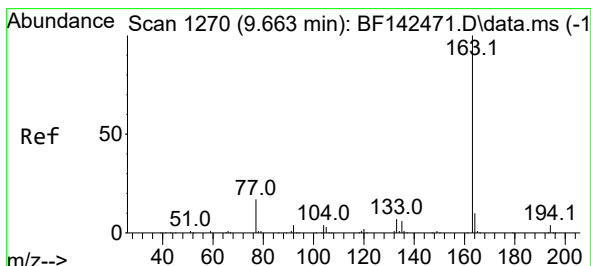
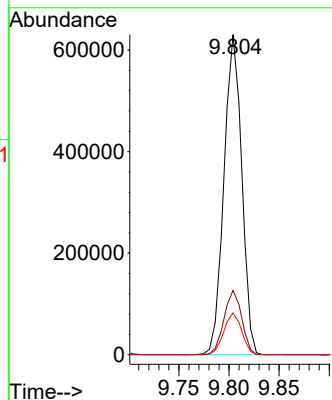
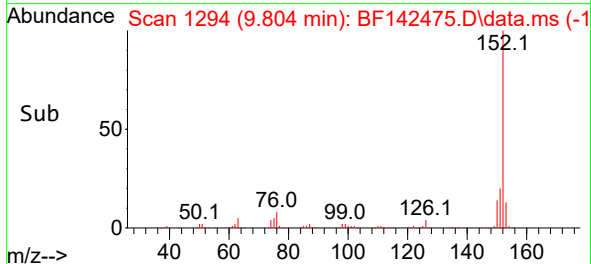


#49
Acenaphthylene
Concen: 37.630 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

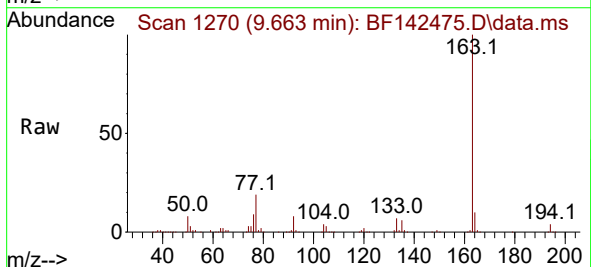
Instrument :
BNA_F
ClientSampleId :
ICVBF052025



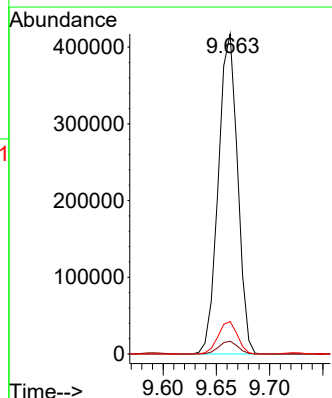
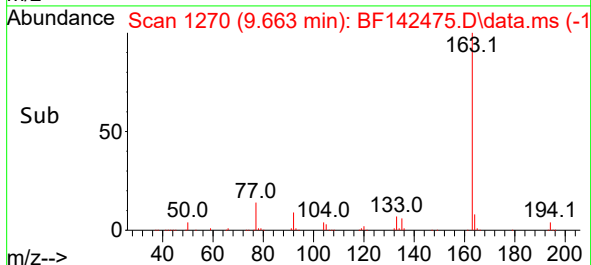
Tgt Ion:152 Resp: 776377
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.0 10.6 15.8

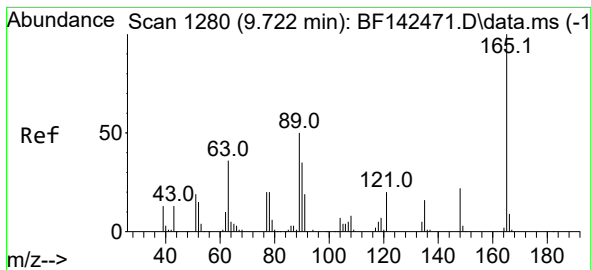


#50
Dimethylphthalate
Concen: 37.184 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31



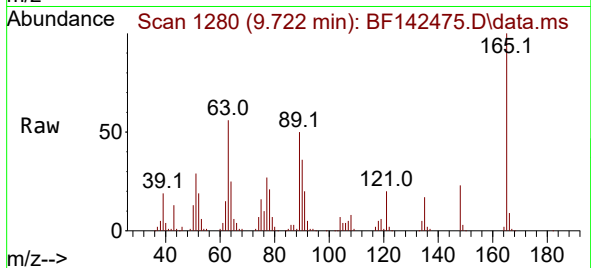
Tgt Ion:163 Resp: 523004
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.2 12.4



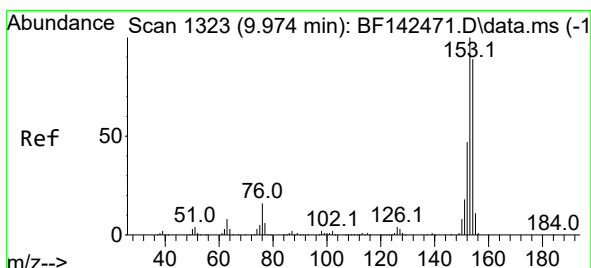
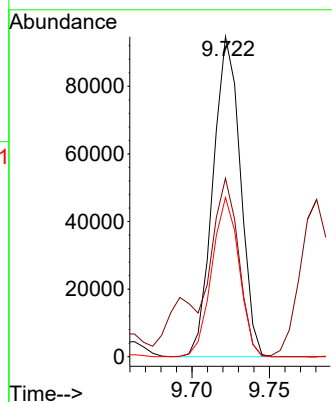
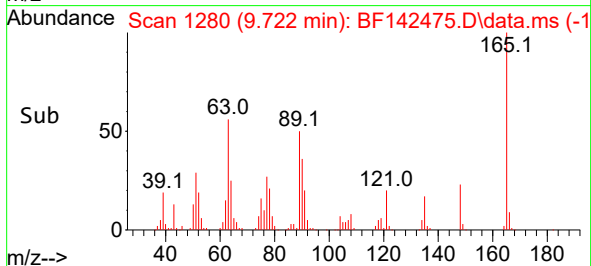


#51
2,6-Dinitrotoluene
Concen: 38.191 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

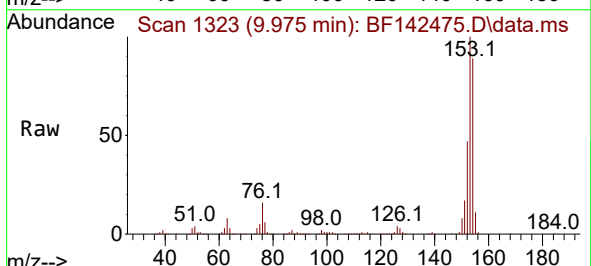
Instrument :
BNA_F
ClientSampleId :
ICVBF052025



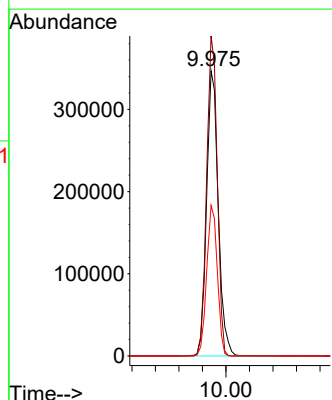
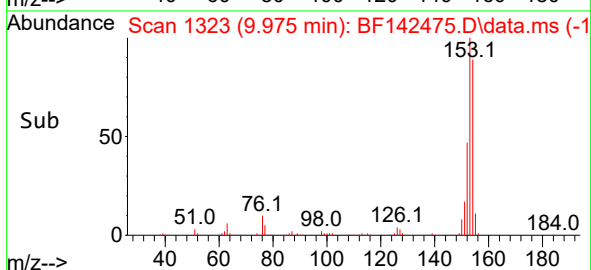
Tgt Ion:165 Resp: 115938
Ion Ratio Lower Upper
165 100
63 55.8 42.9 64.3
89 49.8 40.2 60.4

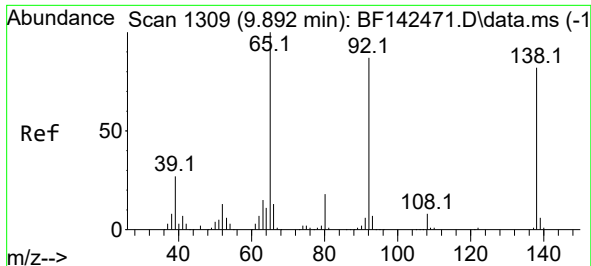


#52
Acenaphthene
Concen: 37.877 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31



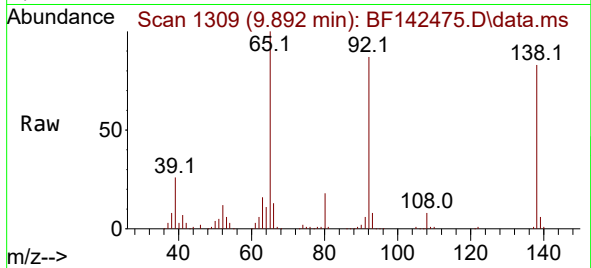
Tgt Ion:154 Resp: 477197
Ion Ratio Lower Upper
154 100
153 112.2 90.0 135.0
152 52.8 42.6 64.0



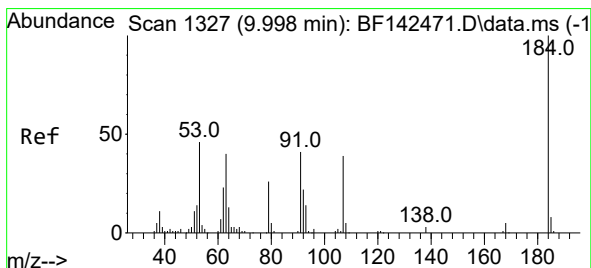
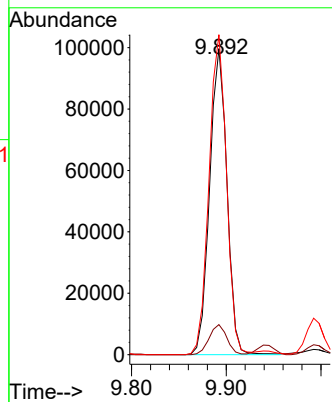
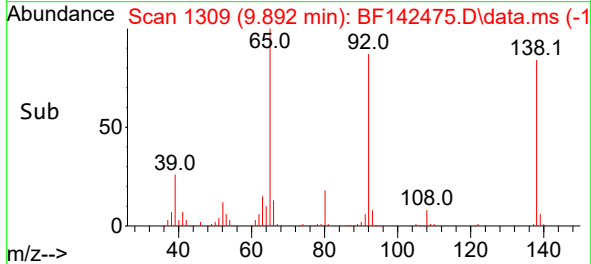


#53
3-Nitroaniline
Concen: 38.246 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

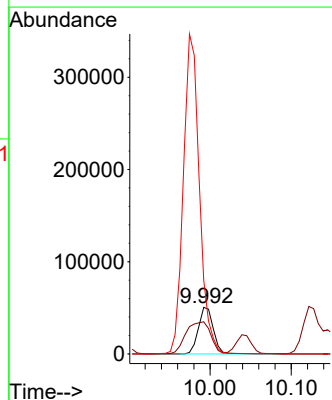
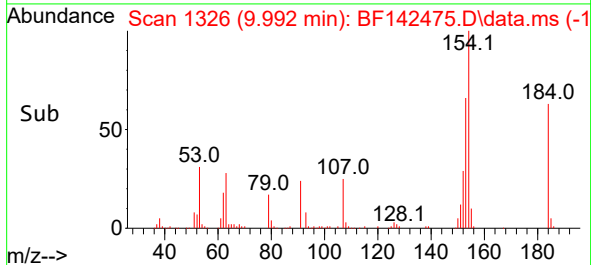
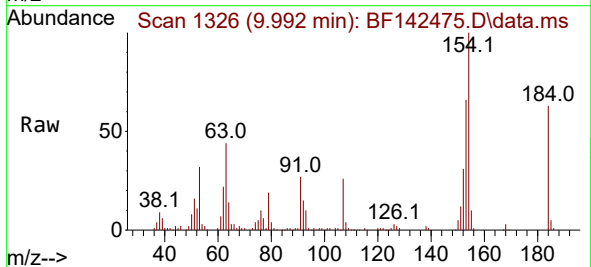


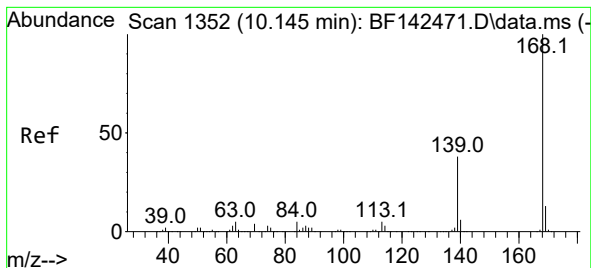
Tgt Ion:138 Resp: 126814
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 104.6 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 41.481 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:184 Resp: 65057
Ion Ratio Lower Upper
184 100
63 69.3 46.3 69.5
154 158.8 56.8 85.2#





#55

Dibenzenofuran

Concen: 37.170 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

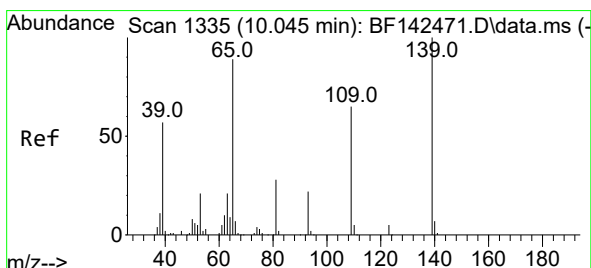
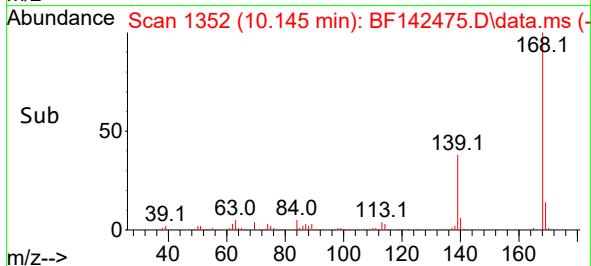
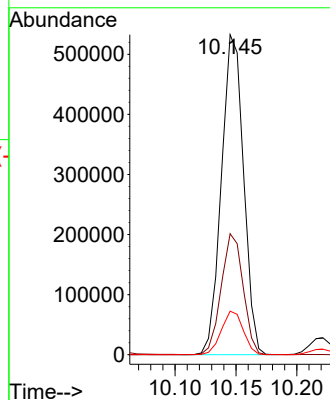
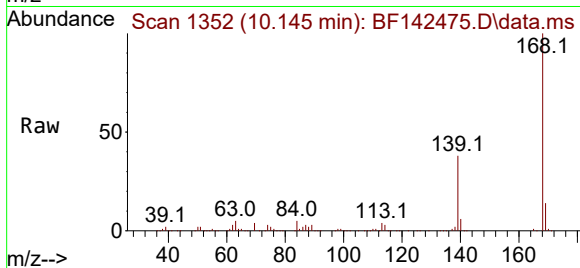
Tgt Ion:168 Resp: 673871

Ion Ratio Lower Upper

168 100

139 37.8 30.2 45.2

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 39.320 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

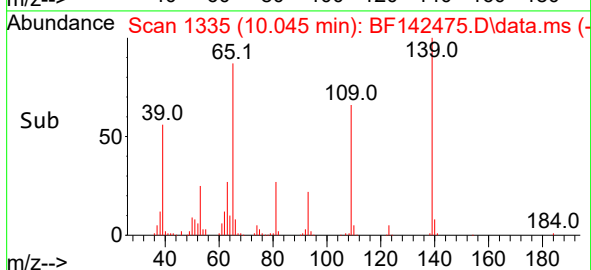
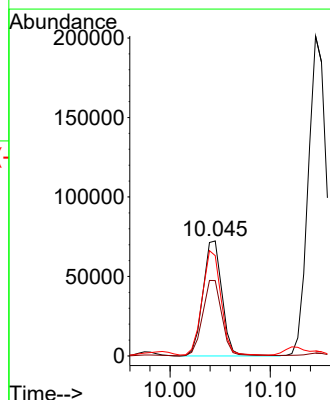
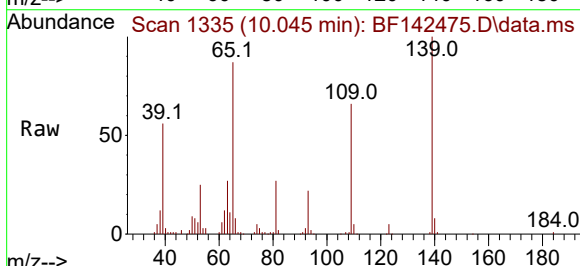
Tgt Ion:139 Resp: 96197

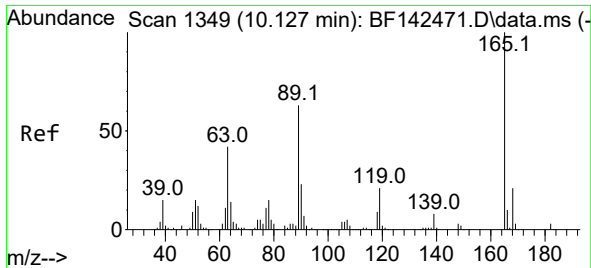
Ion Ratio Lower Upper

139 100

109 65.6 45.1 85.1

65 87.3 69.7 109.7

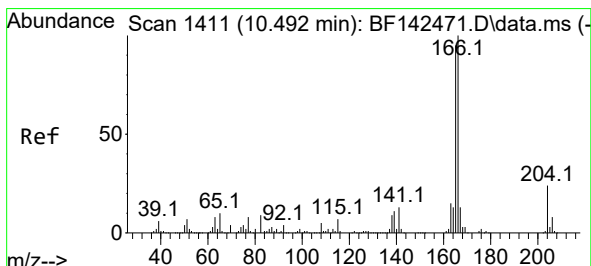
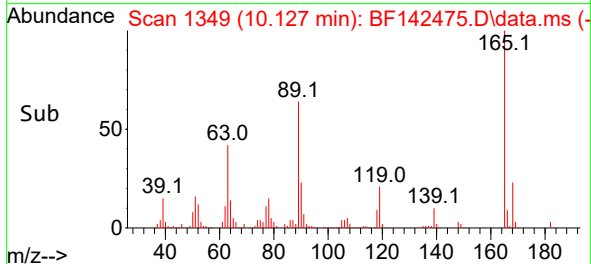
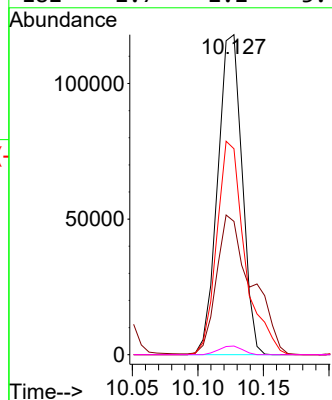
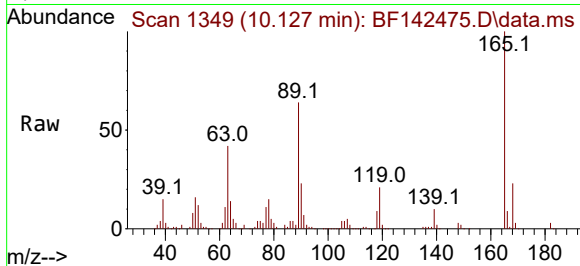




#57
2,4-Dinitrotoluene
Concen: 38.463 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

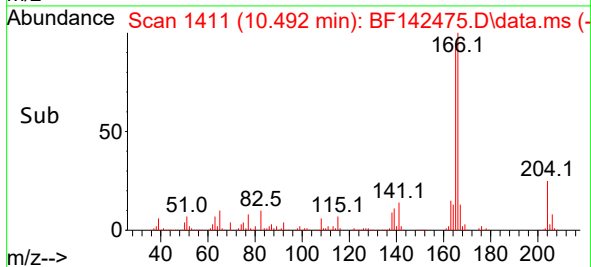
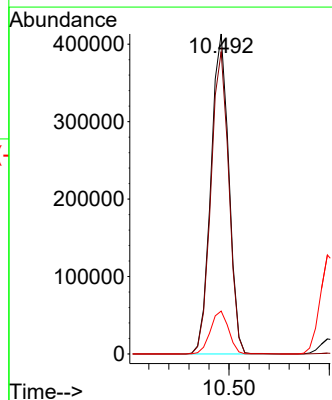
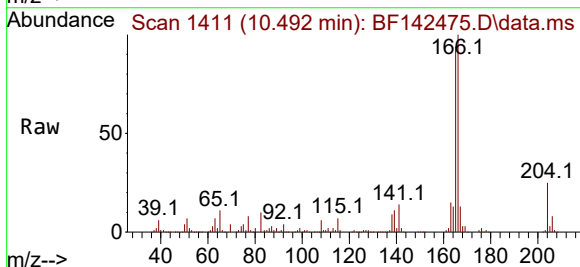
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

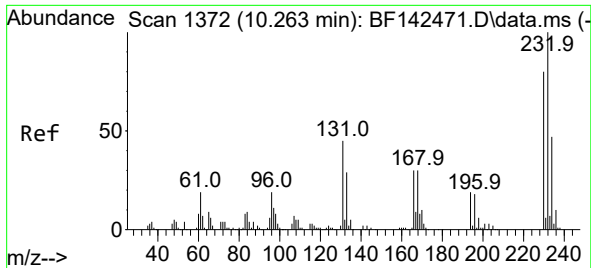
Tgt Ion:165 Resp: 152488
Ion Ratio Lower Upper
165 100
63 41.6 33.6 50.4
89 64.4 50.2 75.4
182 2.7 2.2 3.4



#58
Fluorene
Concen: 36.662 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:166 Resp: 513487
Ion Ratio Lower Upper
166 100
165 94.5 75.8 113.8
167 13.4 10.6 16.0

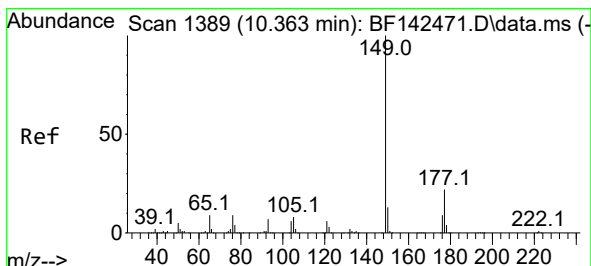
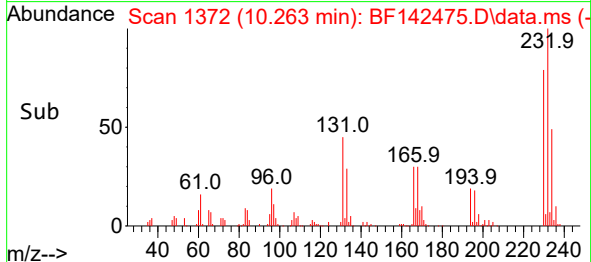
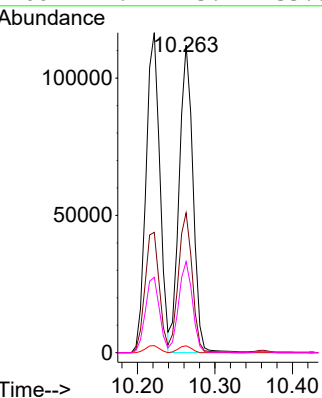
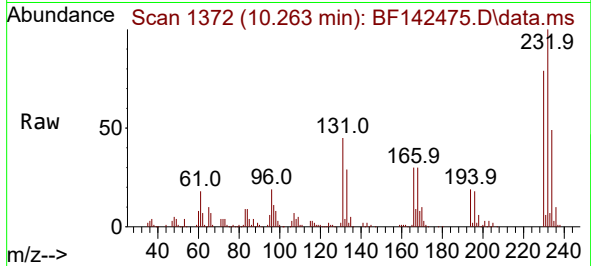




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.000 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

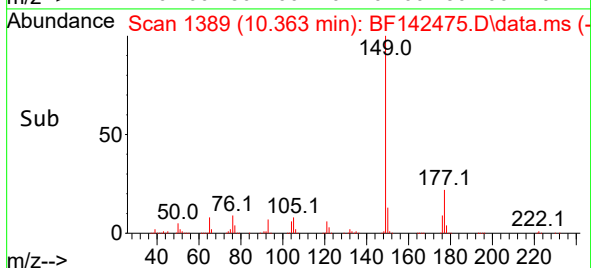
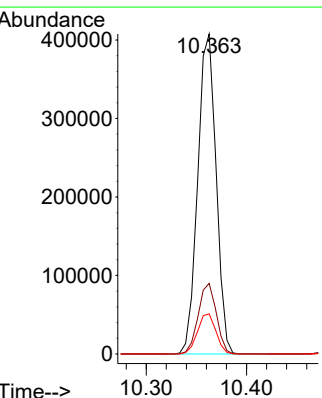
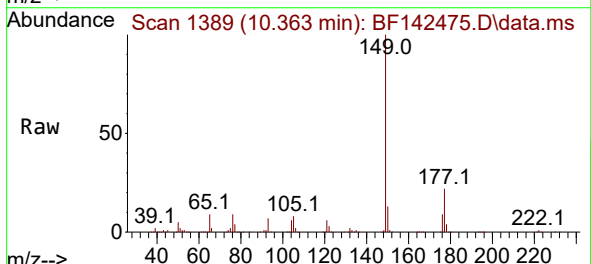
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

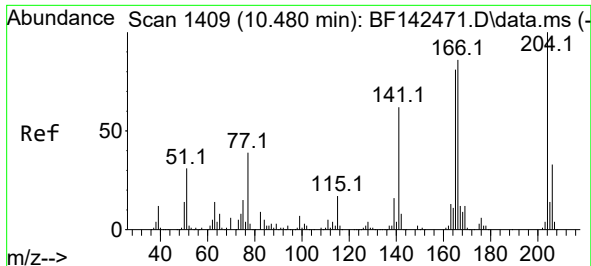
Tgt Ion:232 Resp: 138047
Ion Ratio Lower Upper
232 100
131 45.7 35.2 52.8
130 2.1 1.7 2.5
166 29.7 23.4 35.0



#60
Diethylphthalate
Concen: 37.844 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 519861
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.5 10.1 15.1

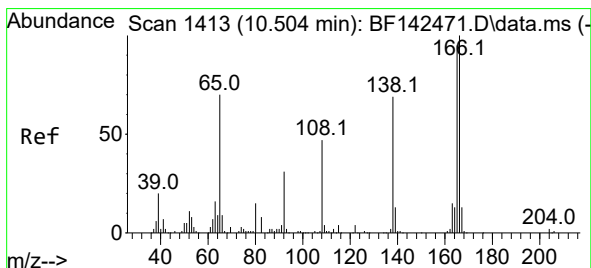
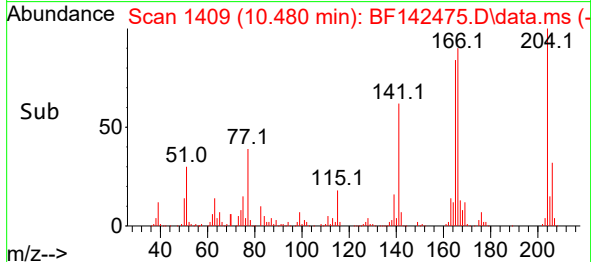
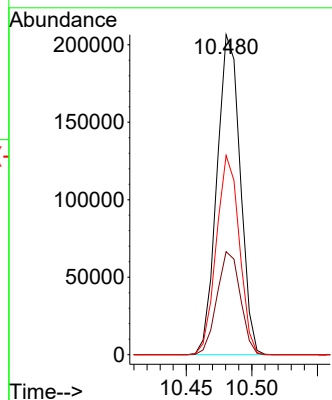
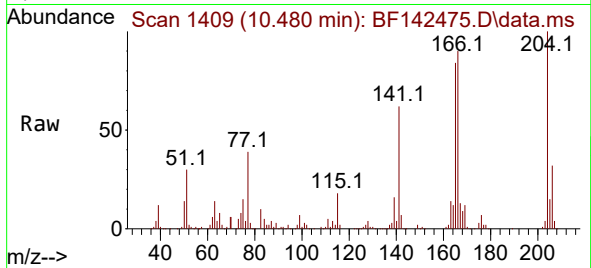




#61
4-Chlorophenyl-phenylether
Concen: 36.985 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

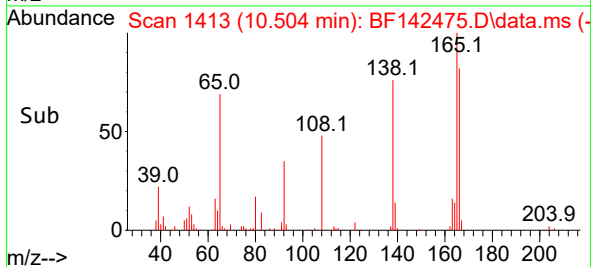
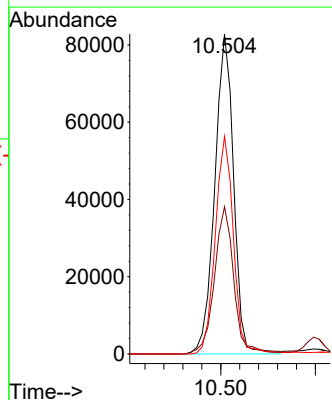
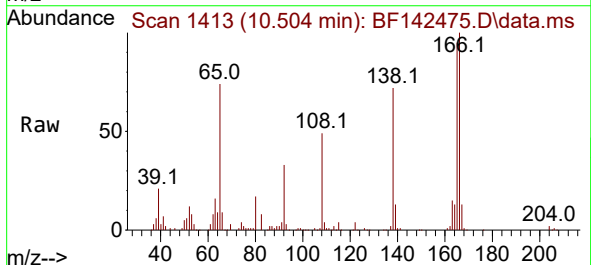
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

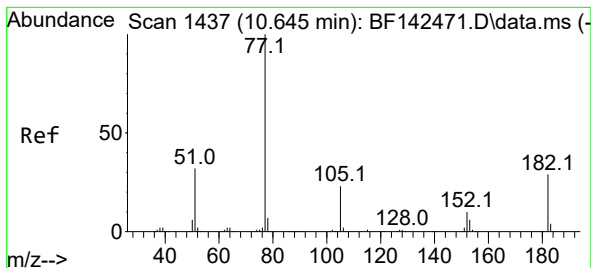
Tgt Ion:204 Resp: 254467
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 62.3 49.5 74.3



#62
4-Nitroaniline
Concen: 38.132 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:138 Resp: 114671
Ion Ratio Lower Upper
138 100
92 46.0 26.0 66.0
108 68.0 48.4 88.4





#63

Azobenzene

Concen: 37.780 ng

RT: 10.645 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

Tgt Ion: 77 Resp: 466131

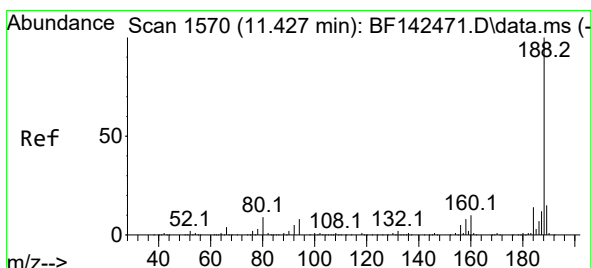
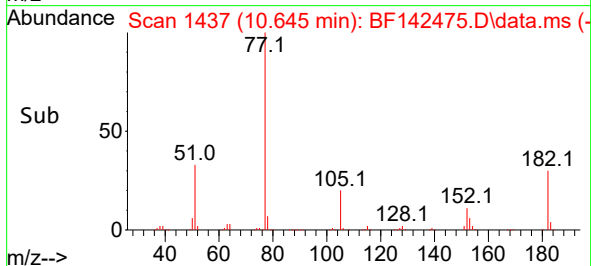
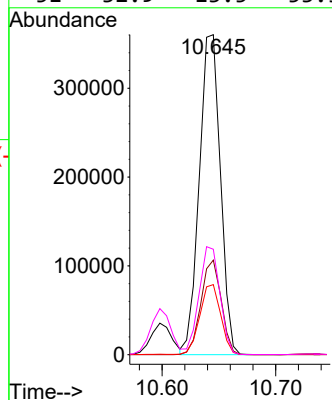
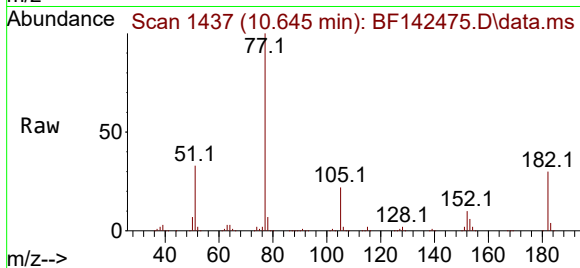
Ion Ratio Lower Upper

77 100

182 29.6 9.0 49.0

105 21.9 2.4 42.4

51 32.9 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

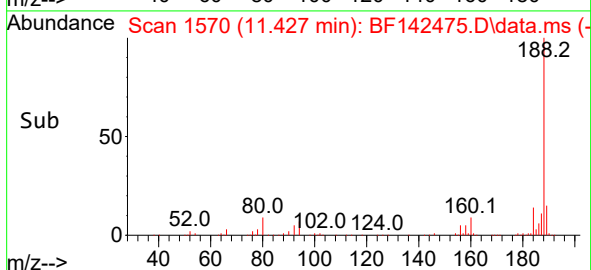
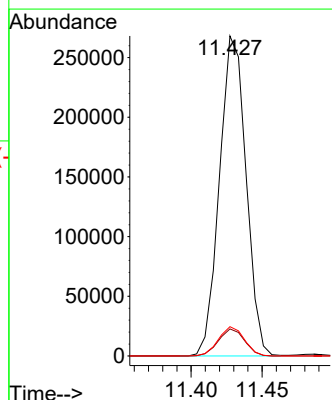
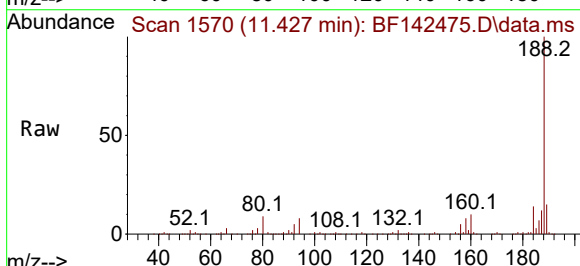
Tgt Ion: 188 Resp: 348749

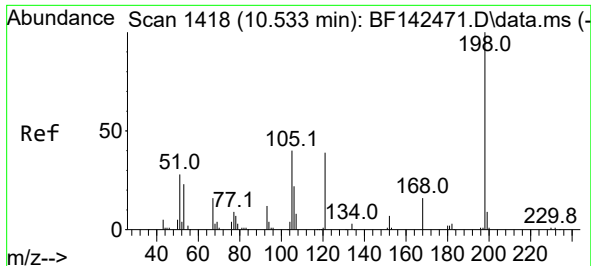
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.2 7.4 11.0

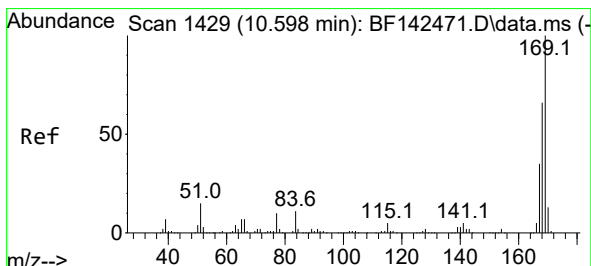
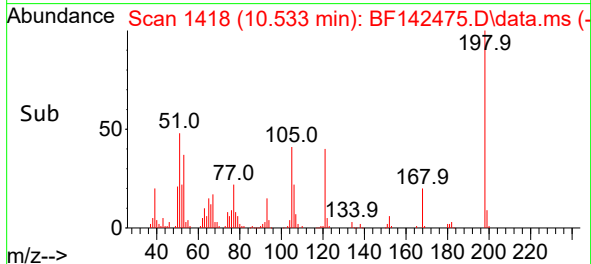
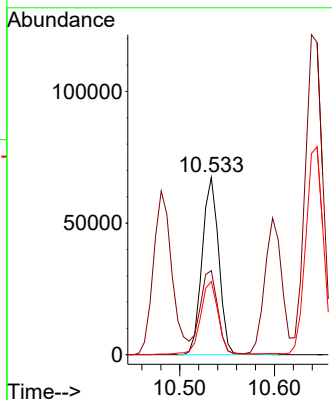
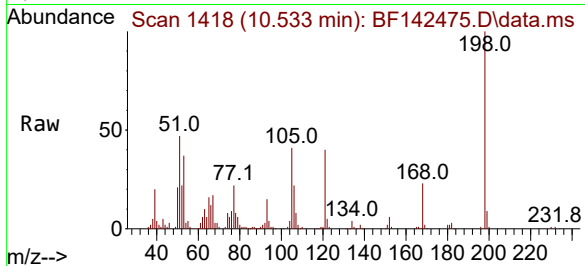




#65
4,6-Dinitro-2-methylphenol
Concen: 42.334 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

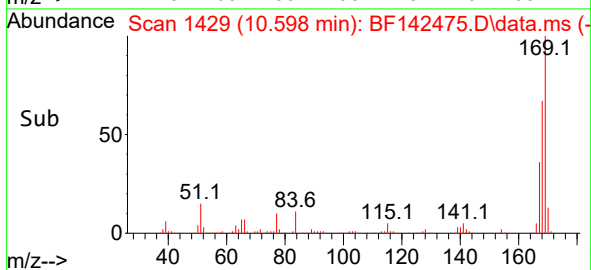
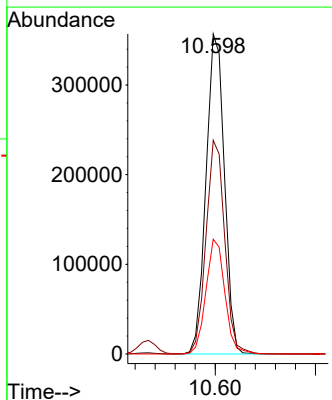
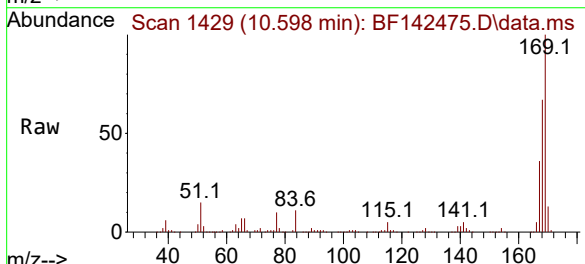
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

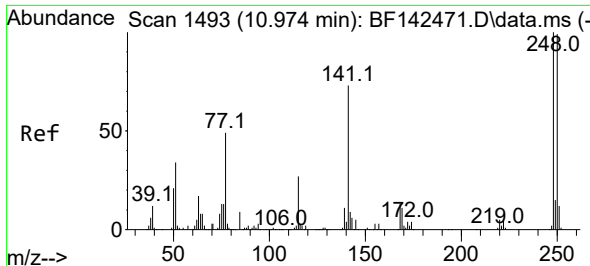
Tgt Ion:198 Resp: 82393
Ion Ratio Lower Upper
198 100
51 47.3 28.3 68.3
105 41.2 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 38.132 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:169 Resp: 454975
Ion Ratio Lower Upper
169 100
168 66.7 52.7 79.1
167 35.8 28.3 42.5

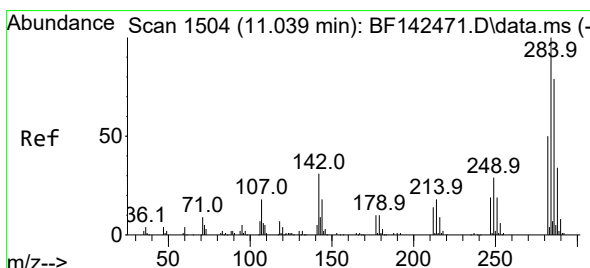
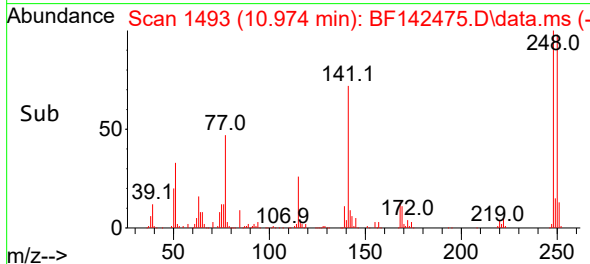
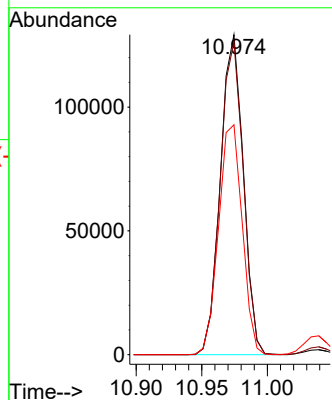
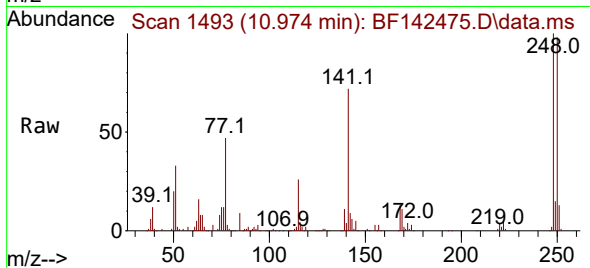




#67
4-Bromophenyl-phenylether
Concen: 38.189 ng
RT: 10.974 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

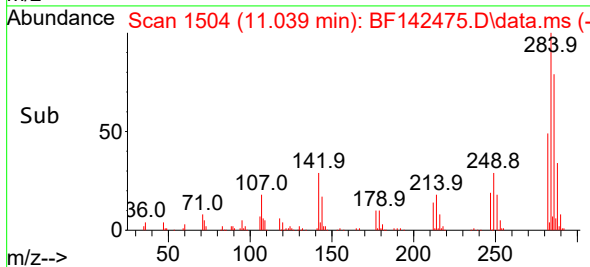
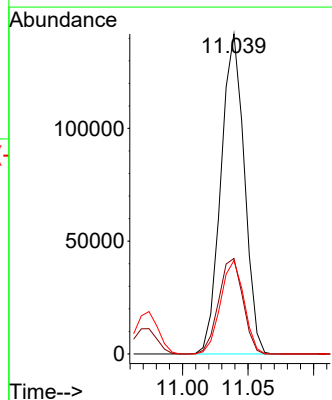
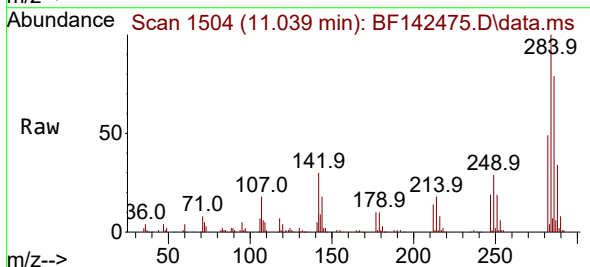
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

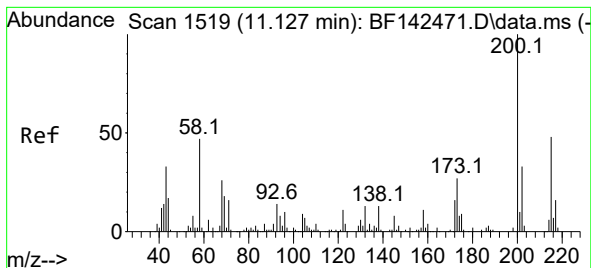
Tgt Ion:248 Resp: 157480
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.4
141 71.8 58.4 87.6



#68
Hexachlorobenzene
Concen: 38.554 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:284 Resp: 175840
Ion Ratio Lower Upper
284 100
142 29.9 24.8 37.2
249 29.2 23.6 35.4





#69

Atrazine

Concen: 39.541 ng

RT: 11.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

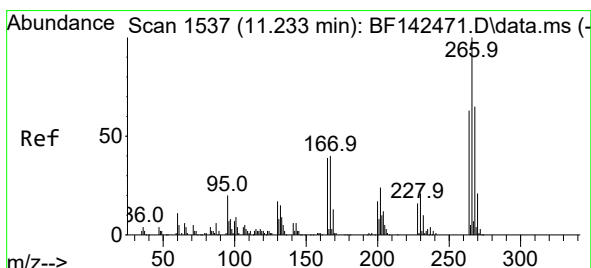
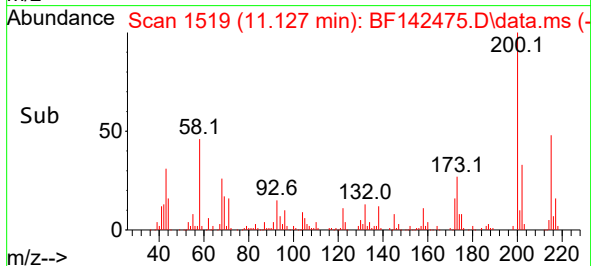
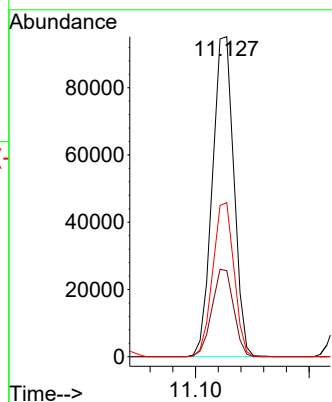
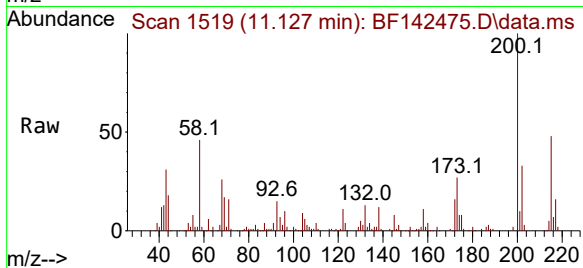
Tgt Ion:200 Resp: 125293

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 40.866 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

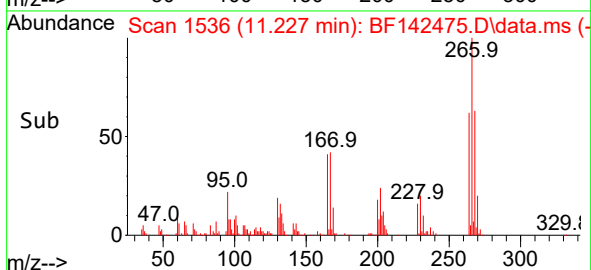
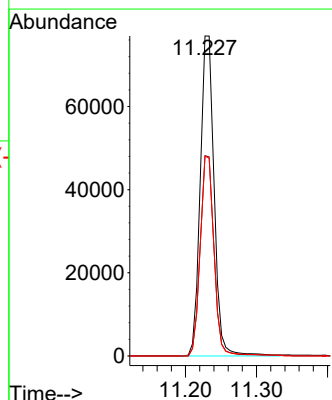
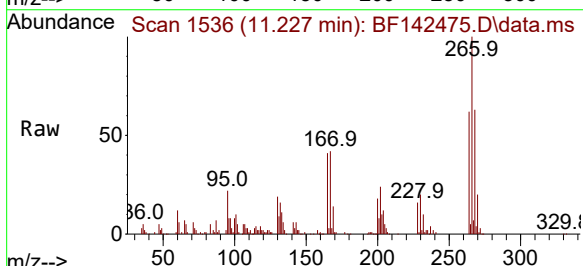
Tgt Ion:266 Resp: 105232

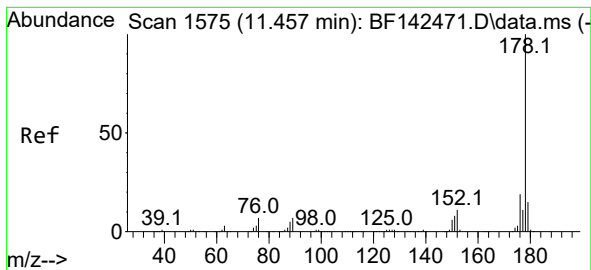
Ion Ratio Lower Upper

266 100

268 62.6 51.7 77.5

264 62.5 50.4 75.6

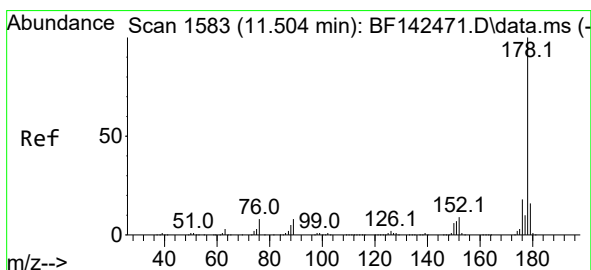
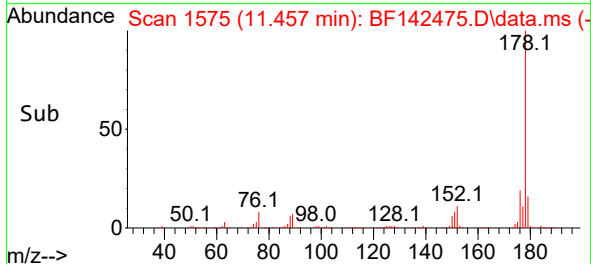
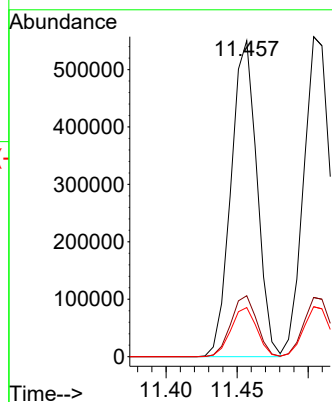
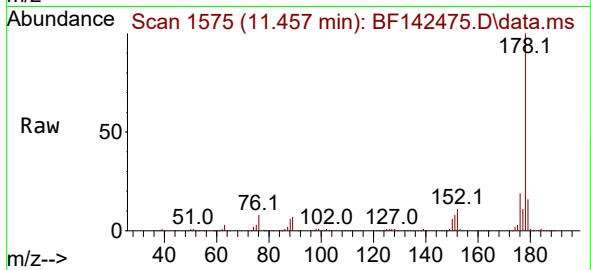




#71
Phenanthrene
Concen: 37.478 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

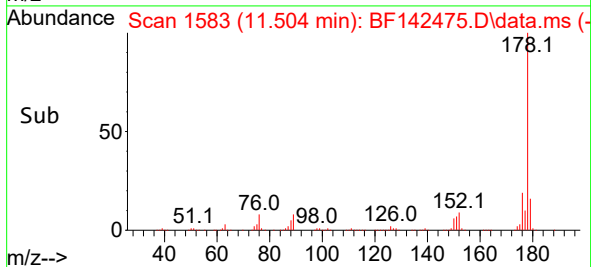
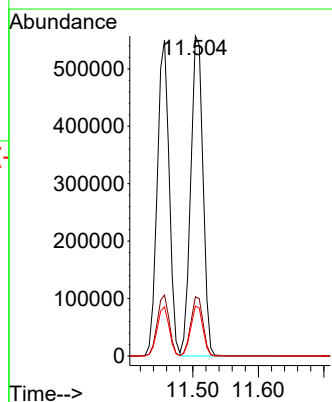
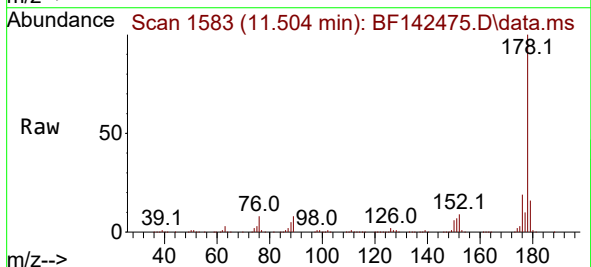
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

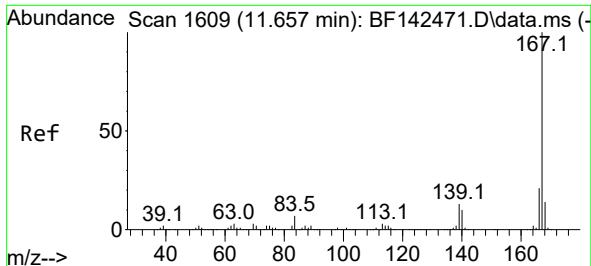
Tgt Ion:178 Resp: 698503
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 38.032 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

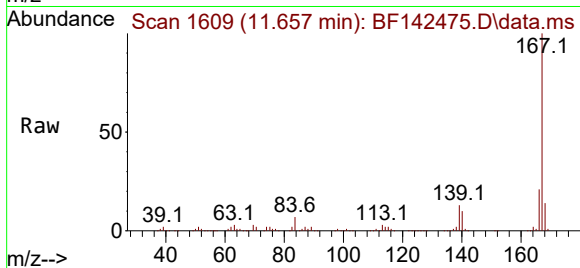
Tgt Ion:178 Resp: 723416
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.6 12.4 18.6



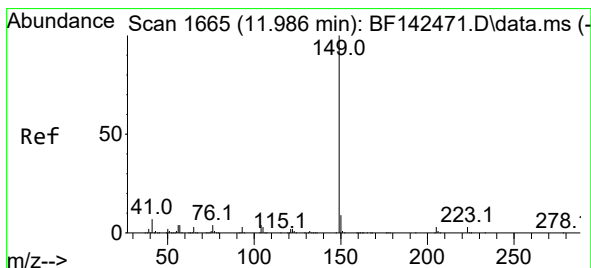
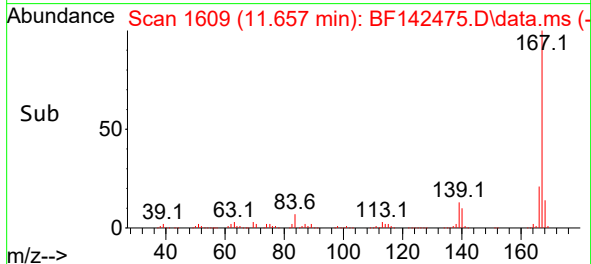
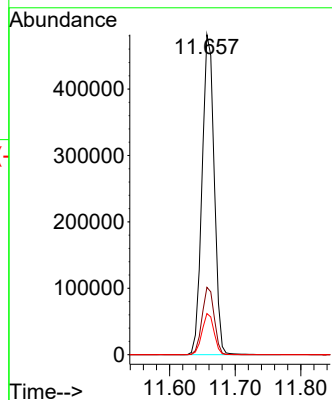


#73
 Carbazole
 Concen: 38.300 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142475.D
 Acq: 20 May 2025 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

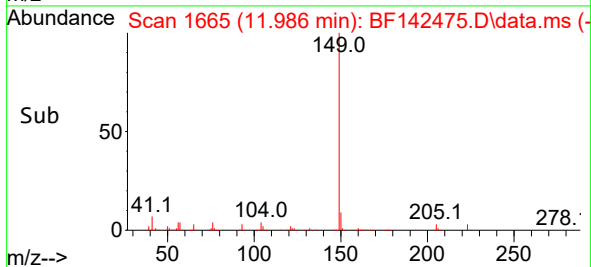
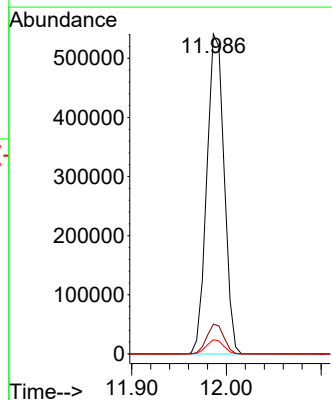
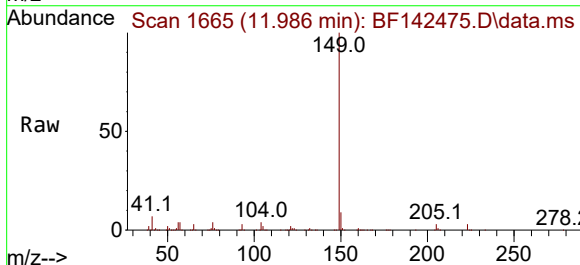


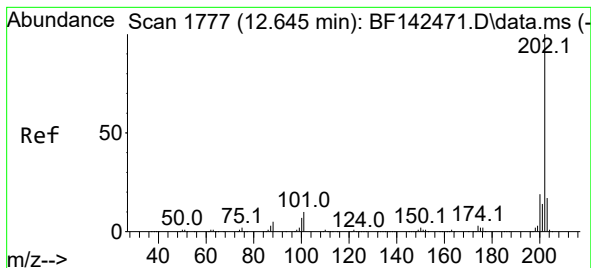
Tgt Ion:167 Resp: 622812
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 38.596 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142475.D
 Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 686988
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 37.479 ng

RT: 12.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

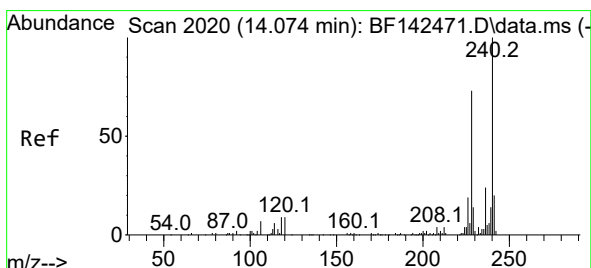
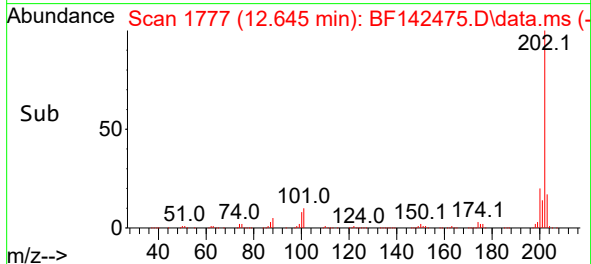
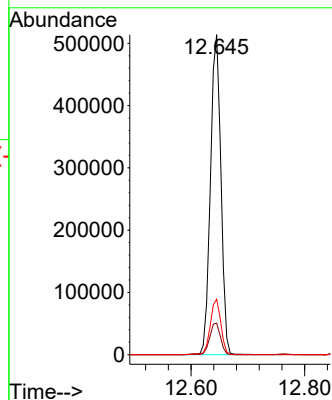
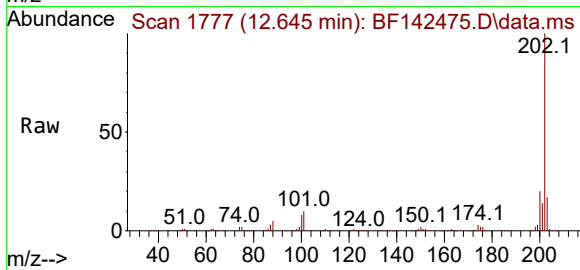
Tgt Ion:202 Resp: 652697

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.6

203 17.3 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

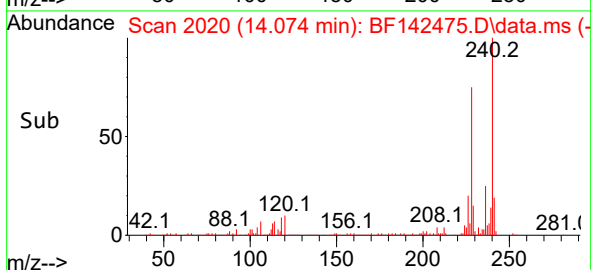
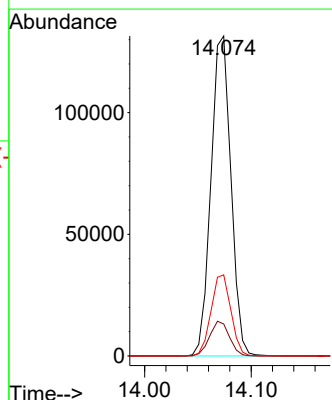
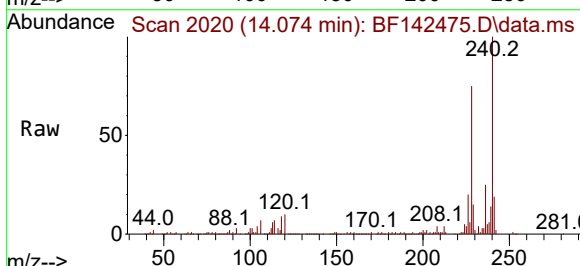
Tgt Ion:240 Resp: 171632

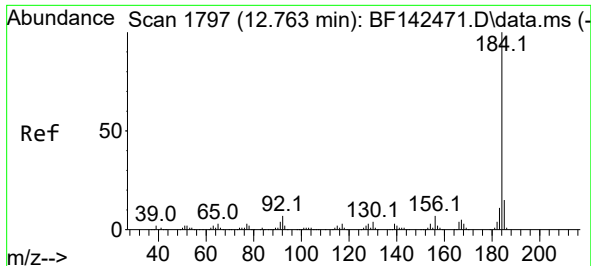
Ion Ratio Lower Upper

240 100

120 10.0 7.5 11.3

236 25.3 19.6 29.4

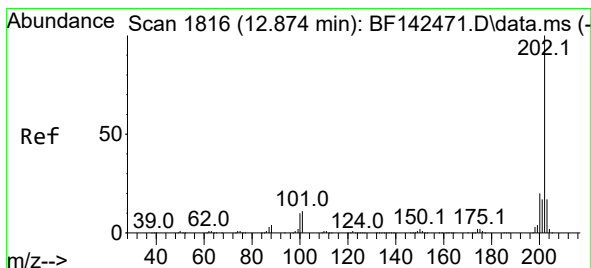
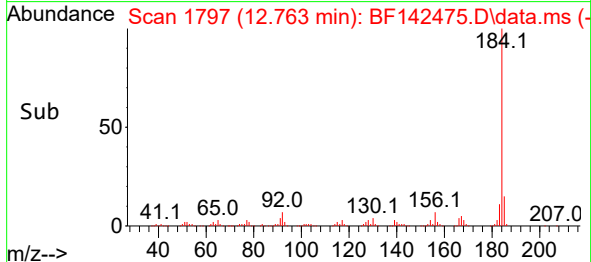
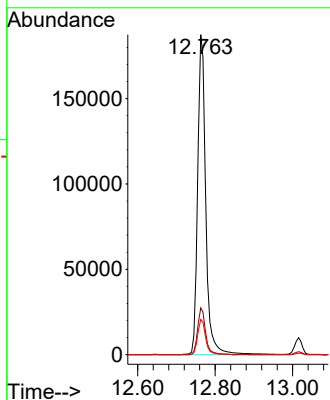
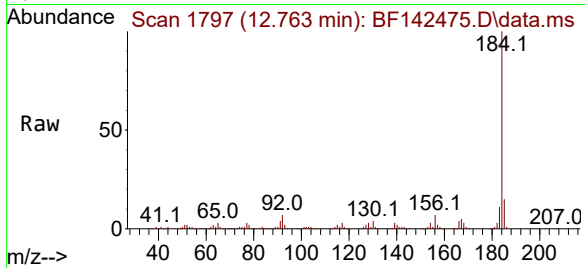




#77
Benzidine
Concen: 42.525 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

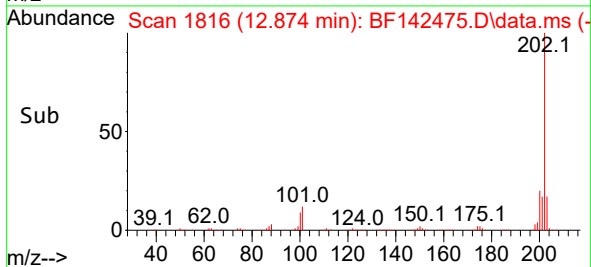
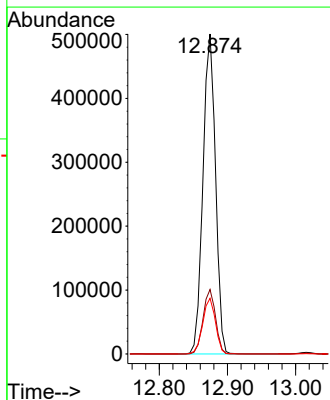
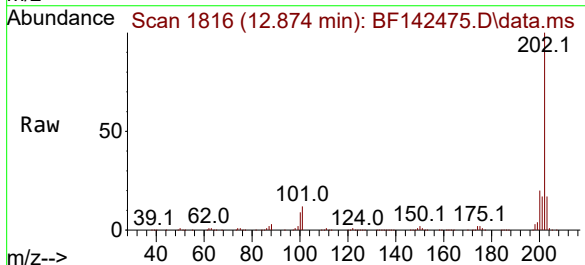
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

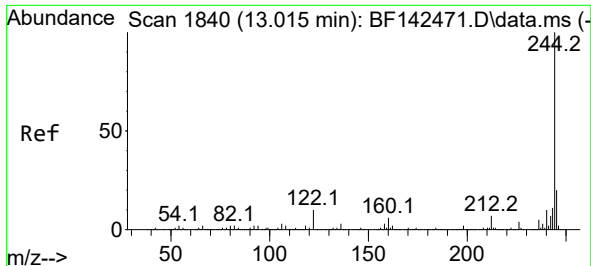
Tgt Ion:184 Resp: 271606
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 40.108 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:202 Resp: 642163
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.4 13.9 20.9

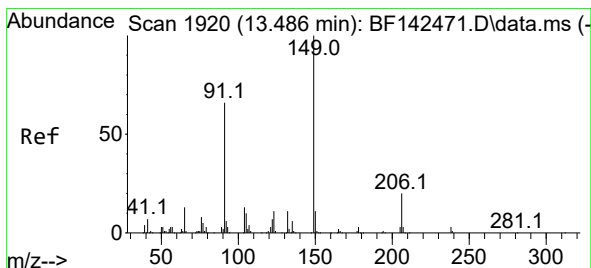
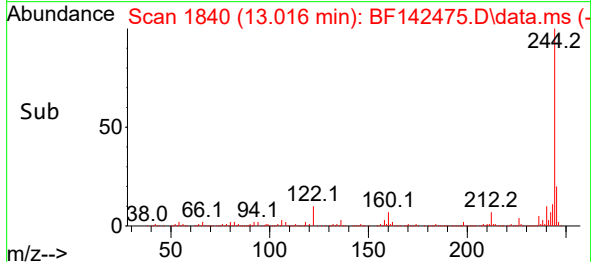
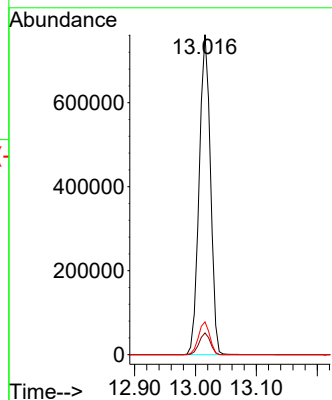
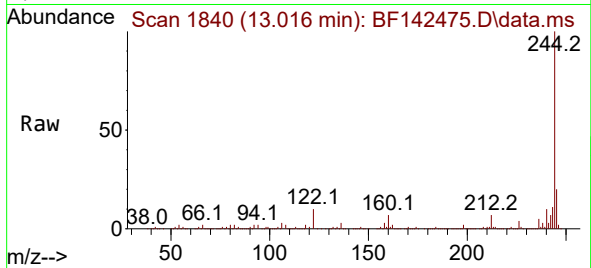




#79
 Terphenyl-d14
 Concen: 77.714 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142475.D
 Acq: 20 May 2025 16:31

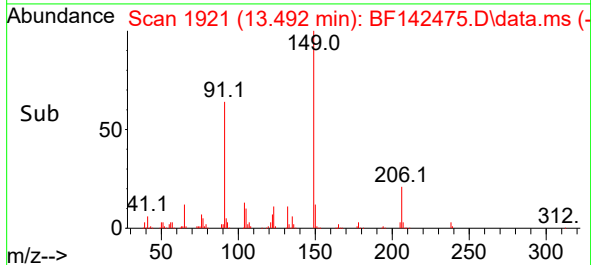
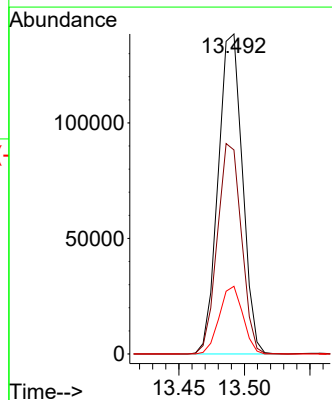
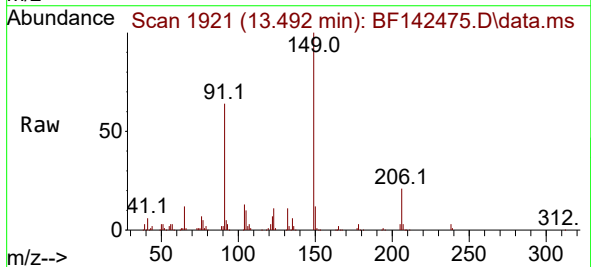
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

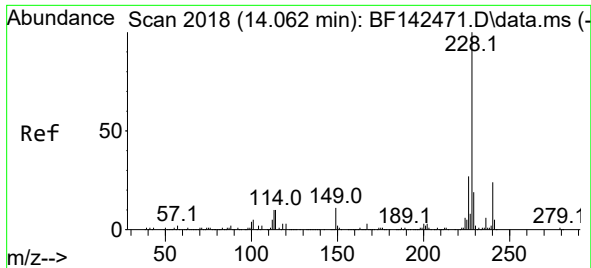
Tgt Ion:244 Resp: 976059
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 40.275 ng
 RT: 13.492 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BF142475.D
 Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 178179
 Ion Ratio Lower Upper
 149 100
 91 63.8 52.9 79.3
 206 21.1 16.2 24.2

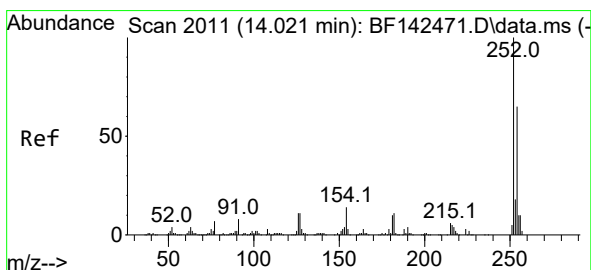
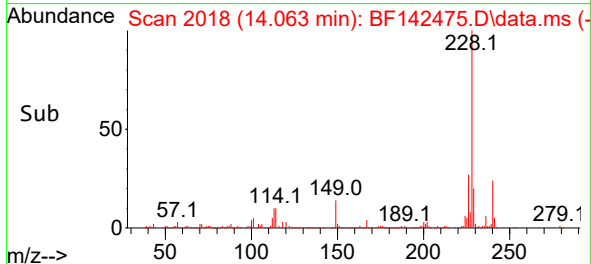
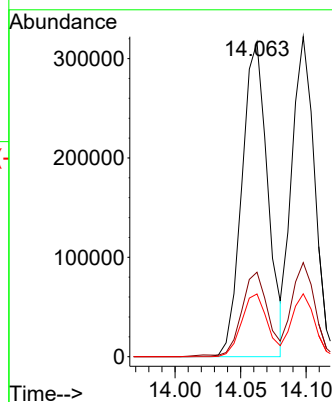
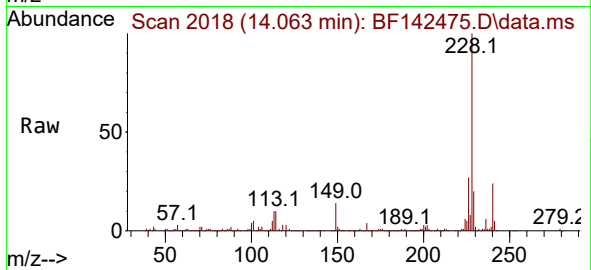




#81
Benzo(a)anthracene
Concen: 37.981 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

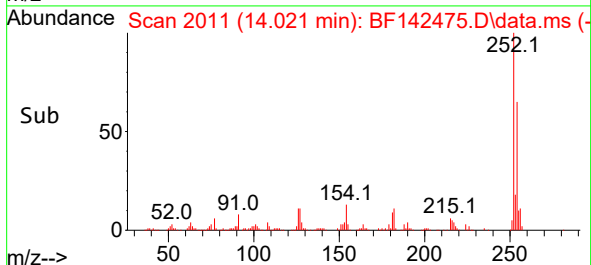
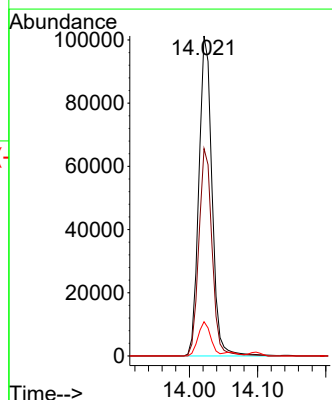
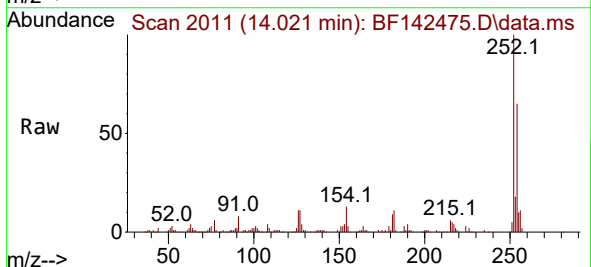
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

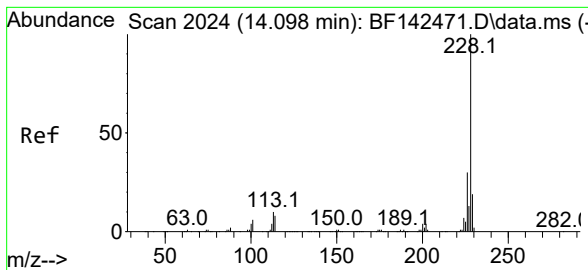
Tgt Ion:228 Resp: 435297
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 38.874 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:252 Resp: 135132
Ion Ratio Lower Upper
252 100
254 64.8 52.0 78.0
126 10.7 8.9 13.3





#83

Chrysene

Concen: 37.768 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

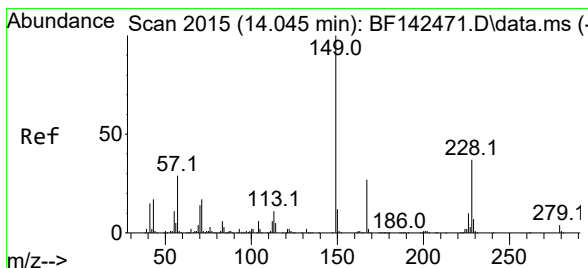
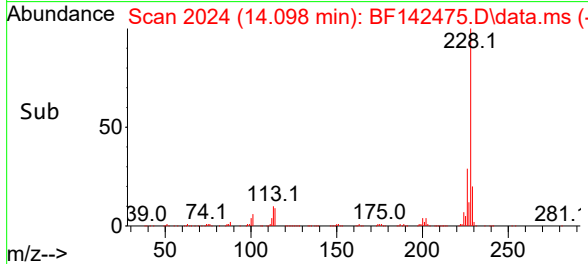
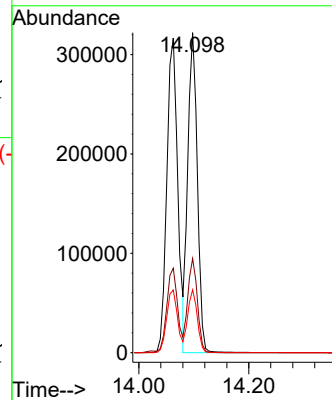
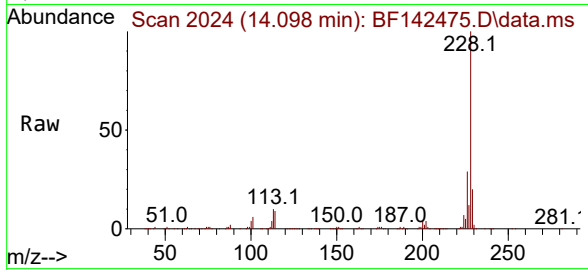
Tgt Ion:228 Resp: 388943

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.6

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.596 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

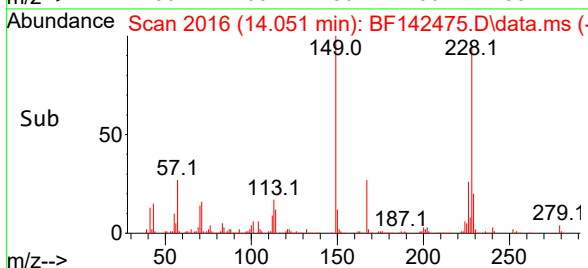
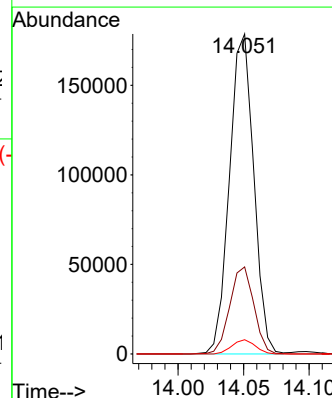
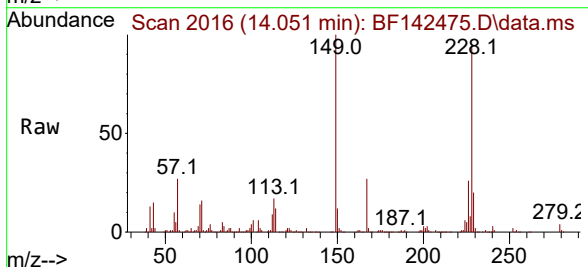
Tgt Ion:149 Resp: 229915

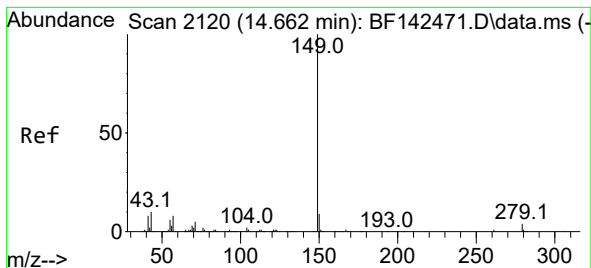
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 40.048 ng

RT: 14.662 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

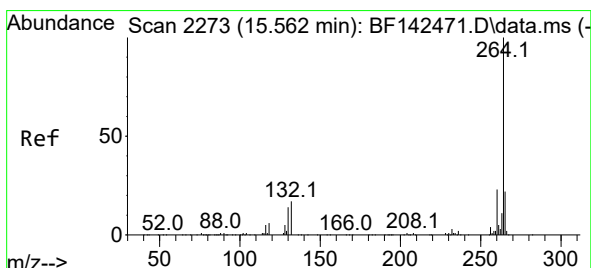
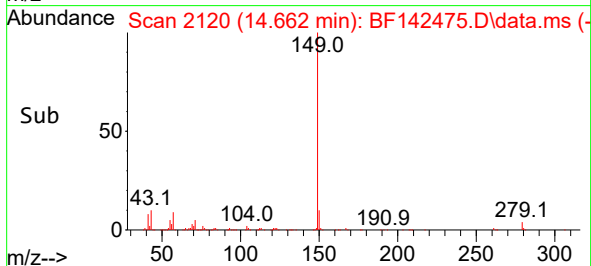
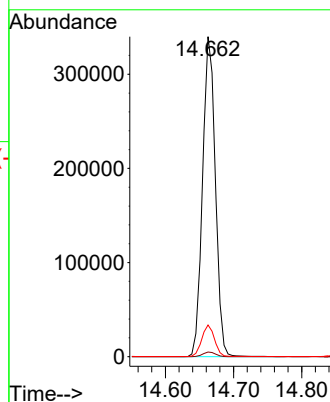
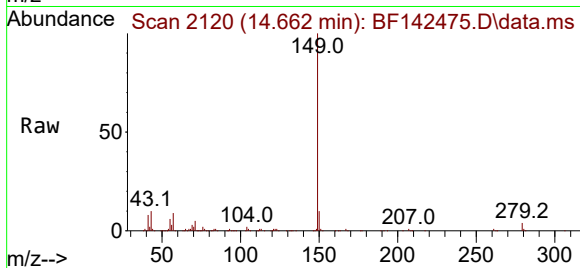
Tgt Ion:149 Resp: 443488

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

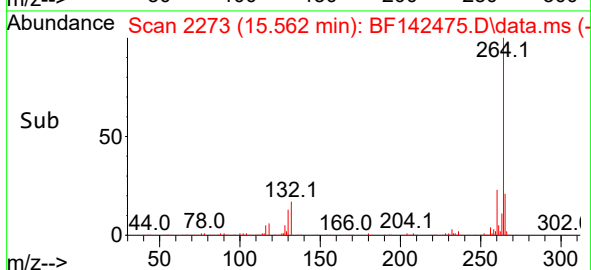
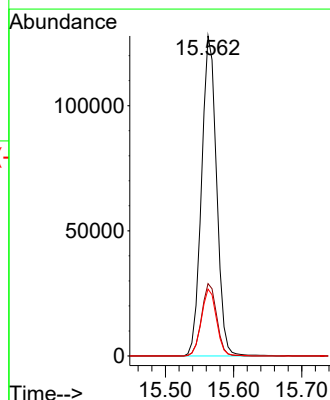
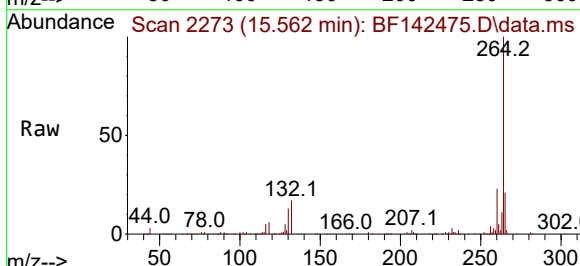
Tgt Ion:264 Resp: 195956

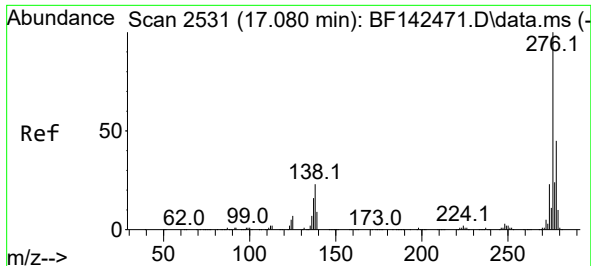
Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 20.9 17.7 26.5

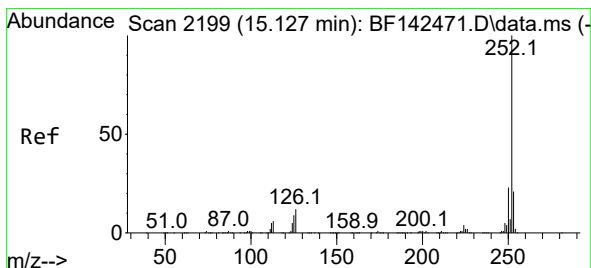
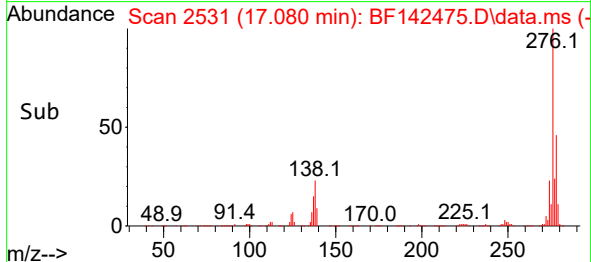
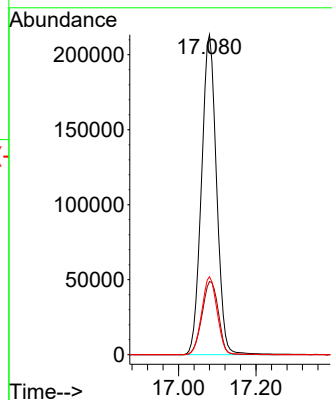
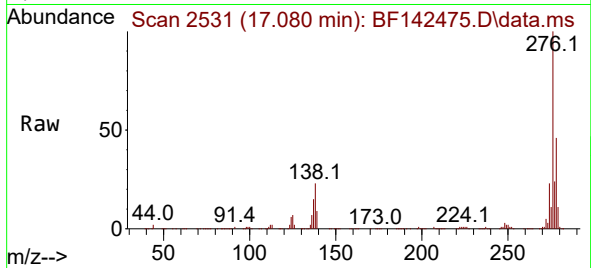




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.070 ng
RT: 17.080 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

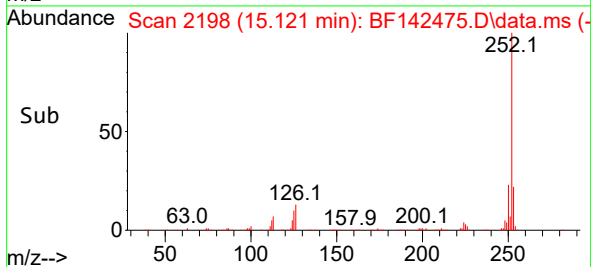
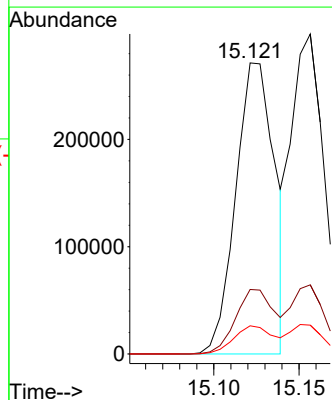
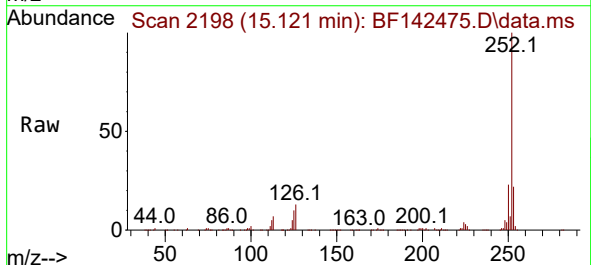
Instrument :
BNA_F
ClientSampleId :
ICVBF052025

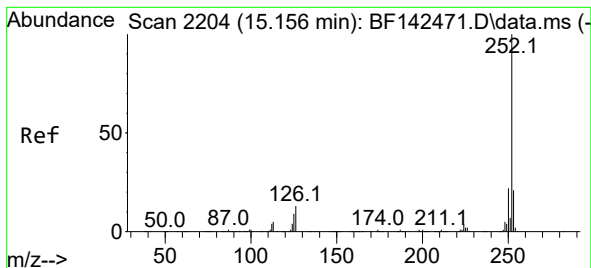
Tgt Ion:276 Resp: 574771
Ion Ratio Lower Upper
276 100
138 24.9 19.9 29.9
277 25.0 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 37.396 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:252 Resp: 433704
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 37.255 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF052025

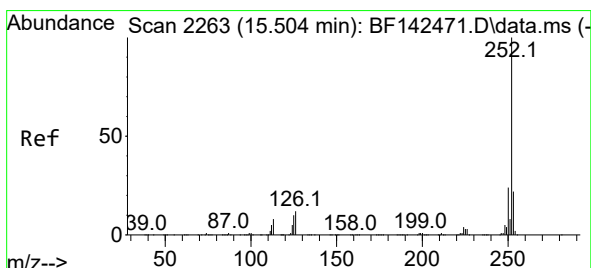
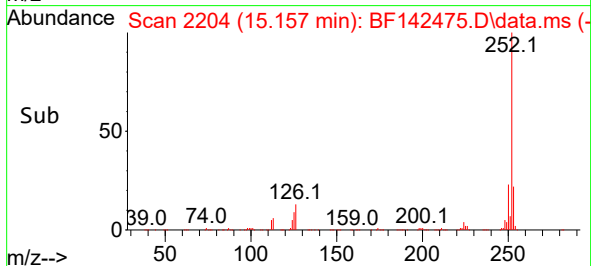
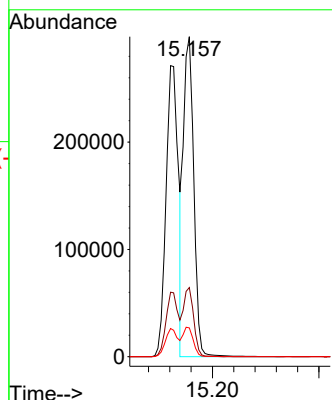
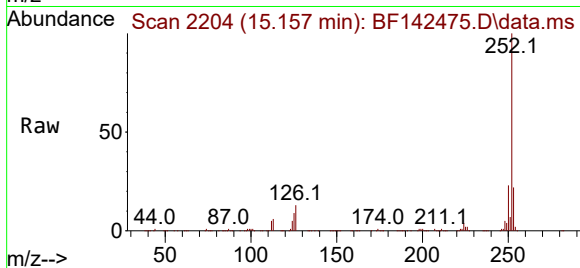
Tgt Ion:252 Resp: 404679

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 9.0 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.578 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142475.D

Acq: 20 May 2025 16:31

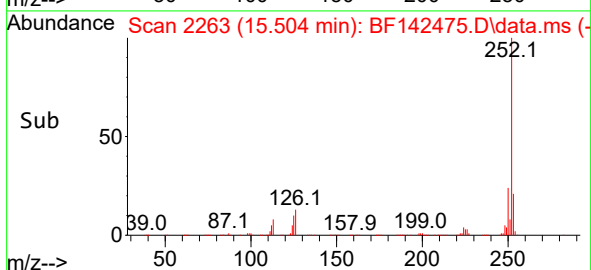
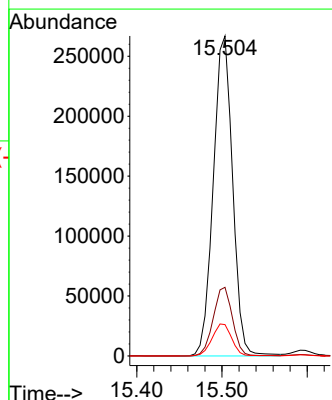
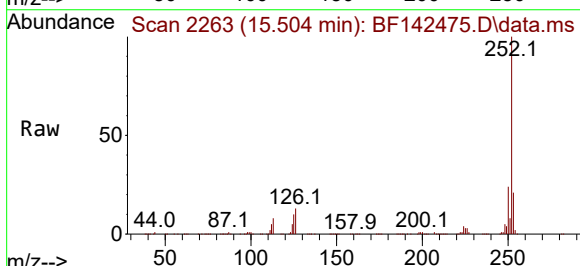
Tgt Ion:252 Resp: 421730

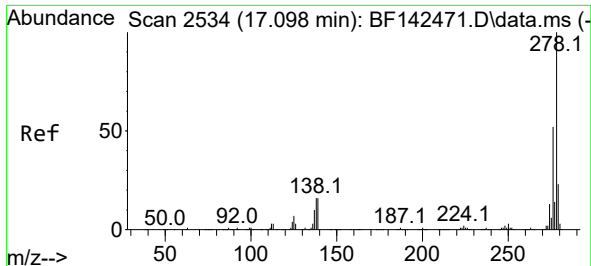
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.8 7.9 11.9

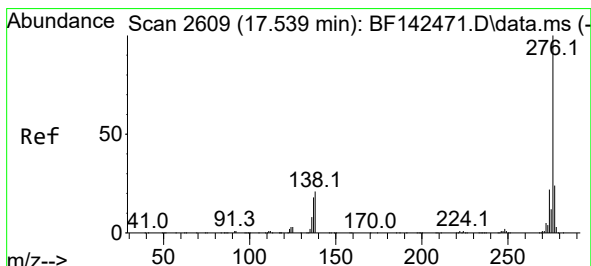
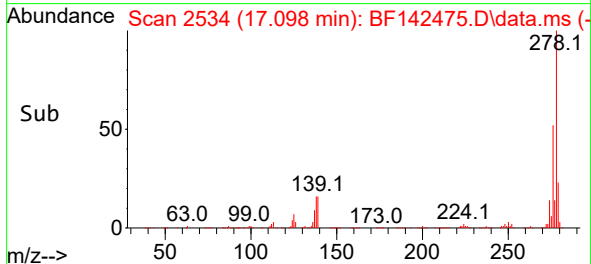
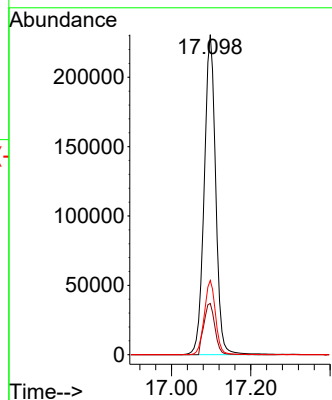
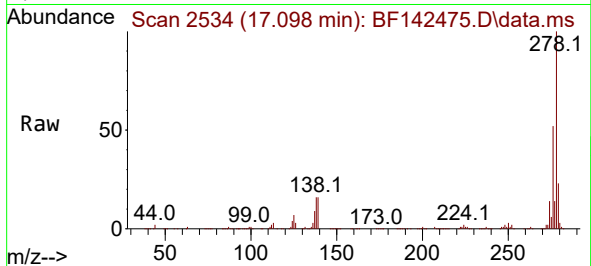




#91
Dibenzo(a,h)anthracene
Concen: 38.868 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:278 Resp: 463752
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 38.345 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:276 Resp: 457604
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 21.6 16.8 25.2

