

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142362.D
 Acq On : 14 May 2025 13:20
 Operator : RC/JU
 Sample : PB167929BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167929BS

Quant Time: May 14 13:47:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	203656	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	778380	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	407746	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	708681	20.000	ng	0.00
76) Chrysene-d12	14.068	240	391405	20.000	ng	0.00
86) Perylene-d12	15.562	264	383509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1420190	119.043	ng	0.01
7) Phenol-d6	6.528	99	1714252	116.830	ng	0.00
23) Nitrobenzene-d5	7.469	82	1043424	81.754	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	541527	137.558	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2068085	72.320	ng	0.00
79) Terphenyl-d14	13.016	244	2090686	79.060	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	184831	34.404	ng	99
3) Pyridine	3.522	79	507467	40.233	ng	98
4) n-Nitrosodimethylamine	3.475	42	297375	40.565	ng	96
6) Aniline	6.569	93	613464	42.625	ng	99
8) 2-Chlorophenol	6.687	128	569883	44.702	ng	98
9) Benzaldehyde	6.451	77	339172	39.495	ng	100
10) Phenol	6.540	94	701527	45.104	ng	94
11) bis(2-Chloroethyl)ether	6.640	93	537820	35.064	ng	98
12) 1,3-Dichlorobenzene	6.845	146	595268	40.813	ng	98
13) 1,4-Dichlorobenzene	6.922	146	600522	41.008	ng	99
14) 1,2-Dichlorobenzene	7.075	146	583579	41.517	ng	99
15) Benzyl Alcohol	7.039	79	449090	47.266	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	890491	38.878	ng	100
17) 2-Methylphenol	7.151	107	447696	43.376	ng	99
18) Hexachloroethane	7.416	117	207084	42.501	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	367918	40.536	ng	98
20) 3+4-Methylphenols	7.304	107	543155	42.166	ng	# 89
22) Acetophenone	7.310	105	713732	41.240	ng	96
24) Nitrobenzene	7.487	77	551097	45.807	ng	98
25) Isophorone	7.722	82	1001574	41.441	ng	99
26) 2-Nitrophenol	7.798	139	287506	49.445	ng	99
27) 2,4-Dimethylphenol	7.834	122	531032	43.702	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	629063	40.478	ng	99
29) 2,4-Dichlorophenol	8.039	162	465146	45.025	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	490880	42.221	ng	99
31) Naphthalene	8.210	128	1578794	41.850	ng	100
32) Benzoic acid	7.951	122	350466m	52.348	ng	
33) 4-Chloroaniline	8.263	127	116463m	7.566	ng	
34) Hexachlorobutadiene	8.322	225	291618	42.359	ng	99
35) Caprolactam	8.616	113	152434m	50.629	ng	
36) 4-Chloro-3-methylphenol	8.733	107	471998	43.952	ng	98
37) 2-Methylnaphthalene	8.898	142	973363	41.523	ng	99
38) 1-Methylnaphthalene	8.998	142	1003689	41.080	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	483100	42.422	ng	99
41) Hexachlorocyclopentadiene	9.051	237	646541	91.864	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	339644	47.283	ng	99

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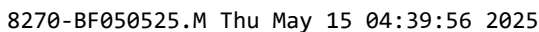
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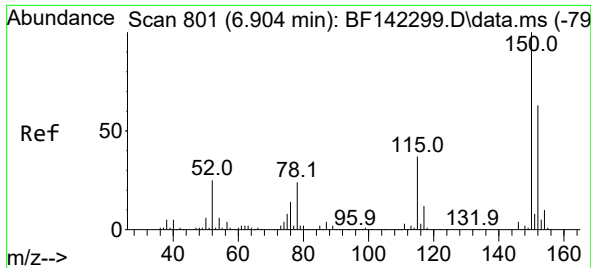
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	345187	45.164	ng	99
46) 1,1'-Biphenyl	9.363	154	1303157	41.683	ng	100
47) 2-Chloronaphthalene	9.386	162	977324	42.035	ng	99
48) 2-Nitroaniline	9.480	65	301399	50.575	ng	94
49) Acenaphthylene	9.804	152	1644726	42.287	ng	99
50) Dimethylphthalate	9.663	163	1128508	43.102	ng	99
51) 2,6-Dinitrotoluene	9.722	165	249553	50.920	ng	93
52) Acenaphthene	9.975	154	1101613	47.105	ng	99
53) 3-Nitroaniline	9.886	138	163980	28.529	ng	96
54) 2,4-Dinitrophenol	9.998	184	289748	109.846	ng	# 1
55) Dibenzofuran	10.151	168	1436108	41.609	ng	99
56) 4-Nitrophenol	10.045	139	474039	109.581	ng	99
57) 2,4-Dinitrotoluene	10.128	165	348288	55.403	ng	96
58) Fluorene	10.492	166	1097486	41.667	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	305110	48.358	ng	99
60) Diethylphthalate	10.363	149	1090640	41.711	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	525687	41.368	ng	99
62) 4-Nitroaniline	10.510	138	272696	59.860	ng	98
63) Azobenzene	10.645	77	1031753	41.293	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	179471	53.380	ng	97
66) n-Nitrosodiphenylamine	10.598	169	986819	41.846	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	327446	40.769	ng	97
68) Hexachlorobenzene	11.039	284	378855	42.883	ng	96
69) Atrazine	11.127	200	296259	47.658	ng	99
70) Pentachlorophenol	11.233	266	479585	103.188	ng	99
71) Phenanthrene	11.457	178	1568241	42.217	ng	100
72) Anthracene	11.504	178	1610050	42.182	ng	100
73) Carbazole	11.657	167	1514545	44.228	ng	100
74) Di-n-butylphthalate	11.986	149	1580474	43.892	ng	100
75) Fluoranthene	12.645	202	1644211	44.279	ng	99
77) Benzidine	12.763	184	533876	75.057	ng	99
78) Pyrene	12.874	202	1639279	47.053	ng	99
80) Butylbenzylphthalate	13.486	149	446380	44.216	ng	99
81) Benzo(a)anthracene	14.057	228	1168608	46.103	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	172962	29.342	ng	99
83) Chrysene	14.098	228	1000876	42.415	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	461932	36.046	ng	100
85) Di-n-octyl phthalate	14.663	149	844224	37.428	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1257366	47.131	ng	99
88) Benzo(b)fluoranthene	15.121	252	1081551	46.563	ng	99
89) Benzo(k)fluoranthene	15.151	252	857760	40.354	ng	100
90) Benzo(a)pyrene	15.498	252	955566	45.909	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	1014217	46.017	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1036119	47.366	ng	98

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

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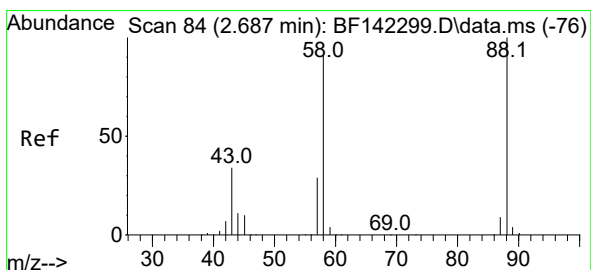
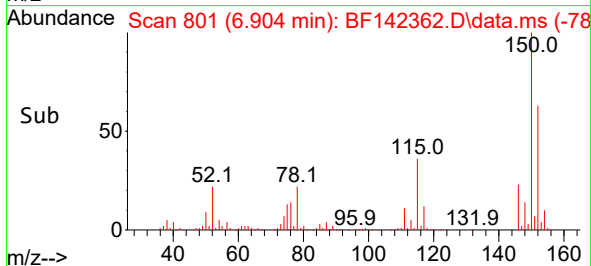
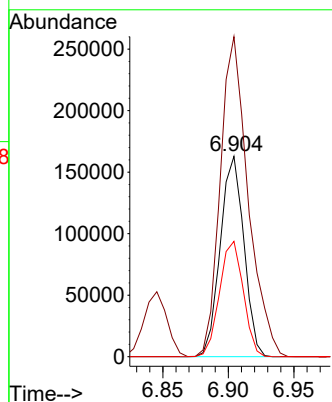
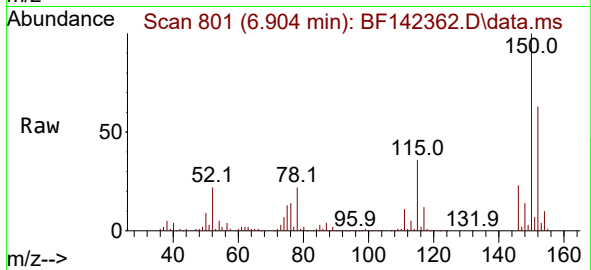




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142362.D
 Acq: 14 May 2025 13:20

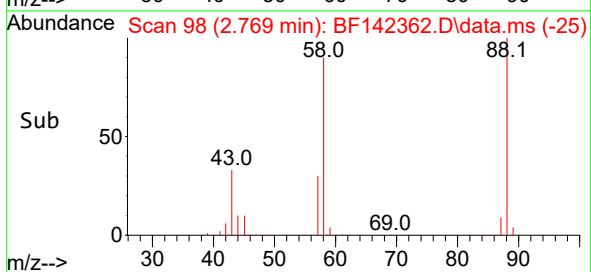
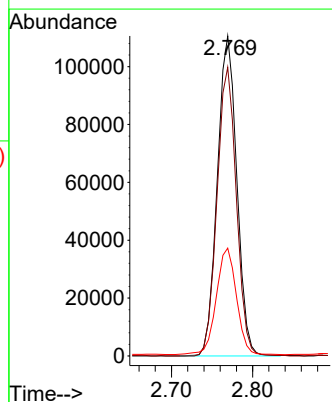
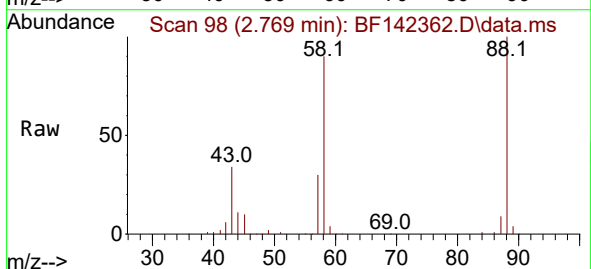
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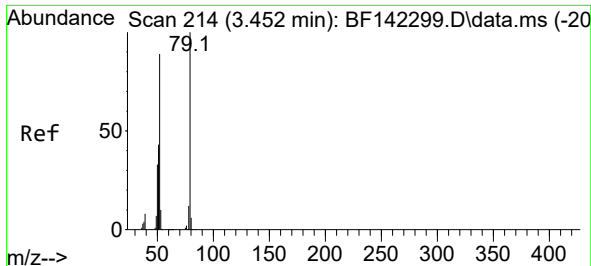
Tgt Ion:152 Resp: 203656
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.6 190.0
 115 57.6 47.3 70.9



#2
 1,4-Dioxane
 Concen: 34.404 ng
 RT: 2.769 min Scan# 98
 Delta R.T. 0.082 min
 Lab File: BF142362.D
 Acq: 14 May 2025 13:20

Tgt Ion: 88 Resp: 184831
 Ion Ratio Lower Upper
 88 100
 58 89.4 73.0 109.4
 43 34.4 27.8 41.6

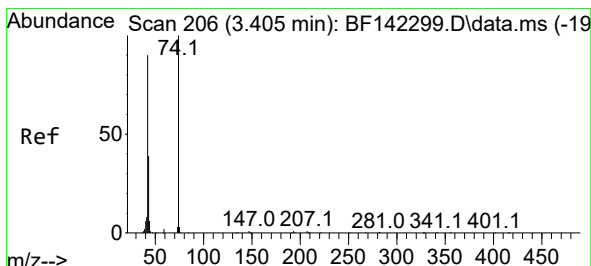
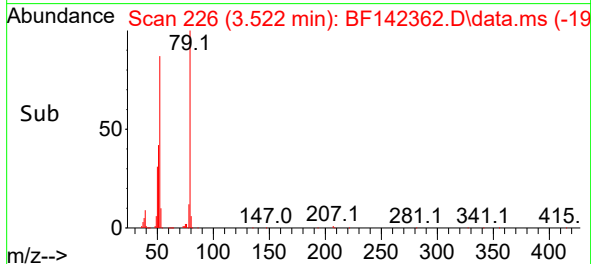
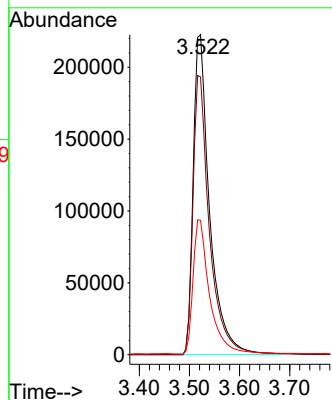
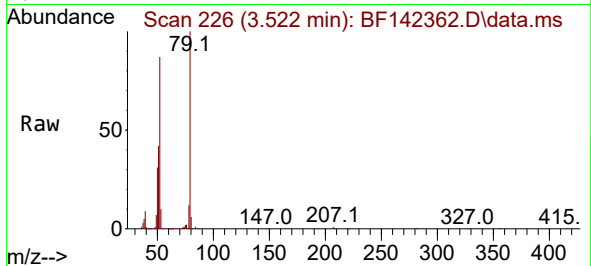




#3
Pyridine
Concen: 40.233 ng
RT: 3.522 min Scan# 214
Delta R.T. 0.070 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

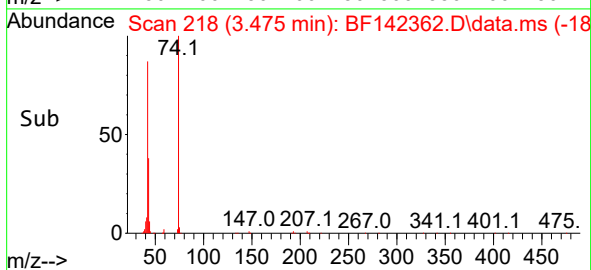
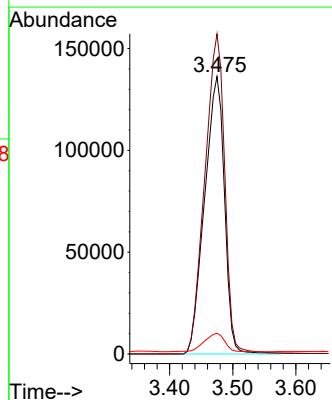
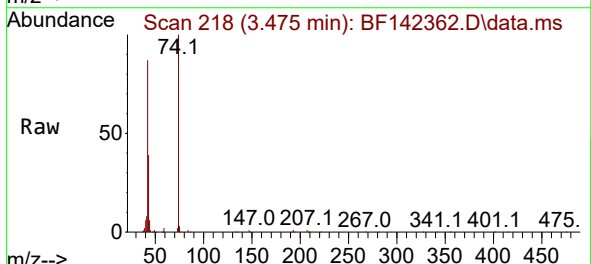
Instrument :
BNA_F
ClientSampleId :
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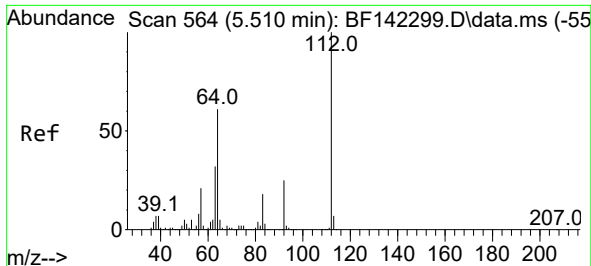
Tgt Ion: 79 Resp: 507467
Ion Ratio Lower Upper
79 100
52 86.8 71.0 106.4
51 42.0 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 40.565 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.070 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion: 42 Resp: 297375
Ion Ratio Lower Upper
42 100
74 115.3 88.5 132.7
44 7.4 5.8 8.8

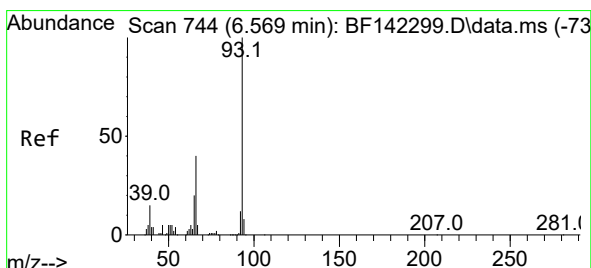
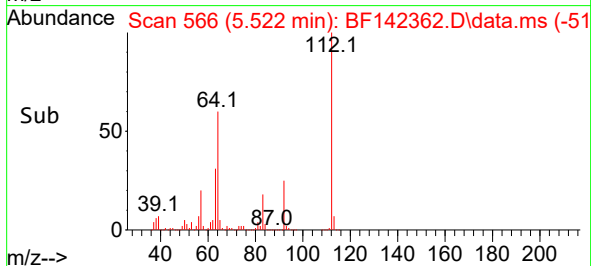
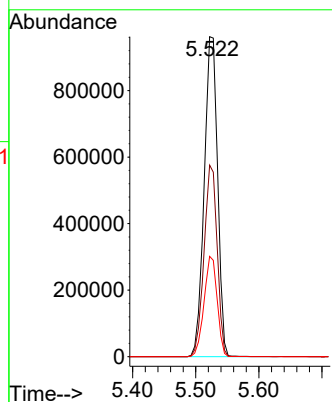
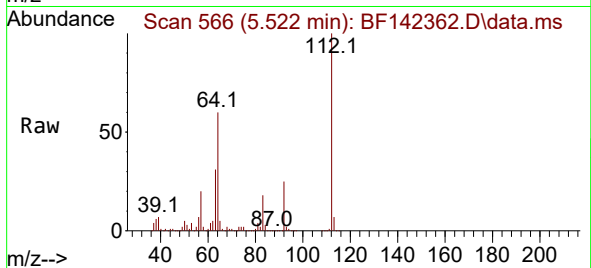




#5
2-Fluorophenol
Concen: 119.043 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

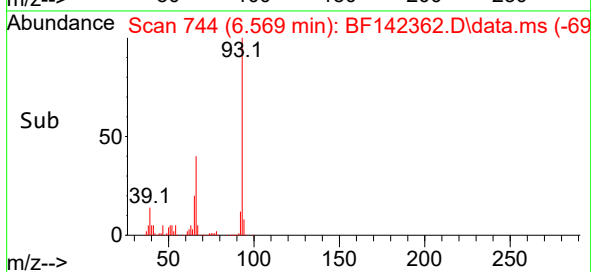
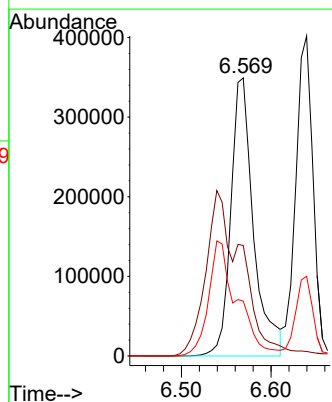
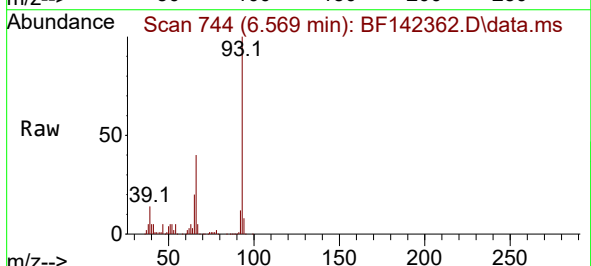
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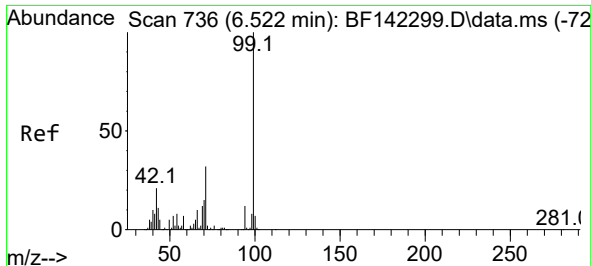
Tgt Ion:112 Resp: 1420190
Ion Ratio Lower Upper
112 100
64 59.9 48.9 73.3
63 31.3 25.6 38.4



#6
Aniline
Concen: 42.625 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion: 93 Resp: 613464
Ion Ratio Lower Upper
93 100
66 39.8 32.2 48.4
65 19.7 16.3 24.5



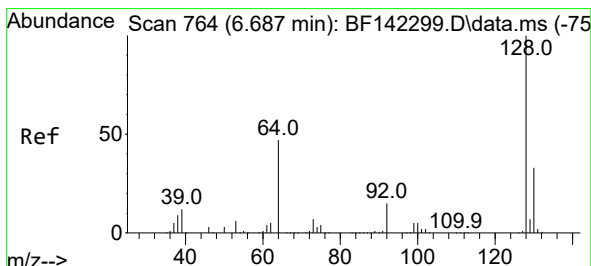
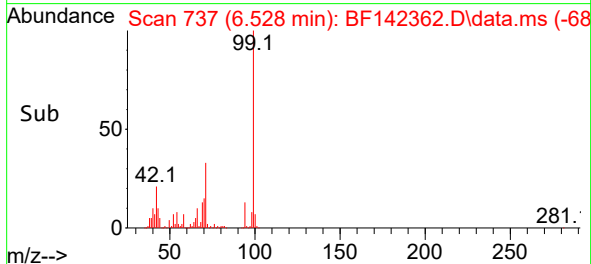
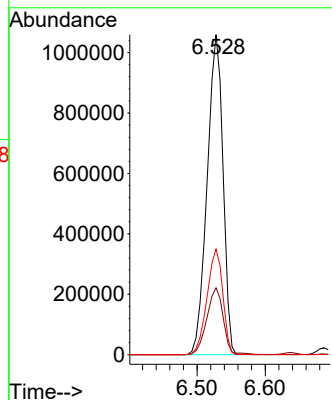
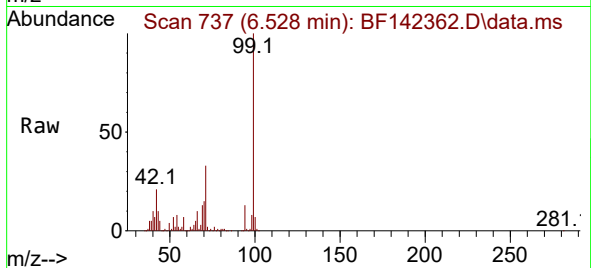


#7
Phenol-d6
Concen: 116.830 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Instrument :
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ClientSampleId :
PB167929BS

Tgt Ion: 99 Resp: 1714252

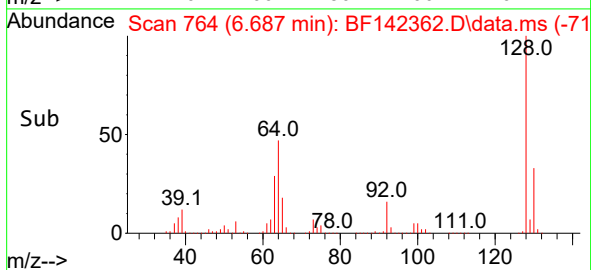
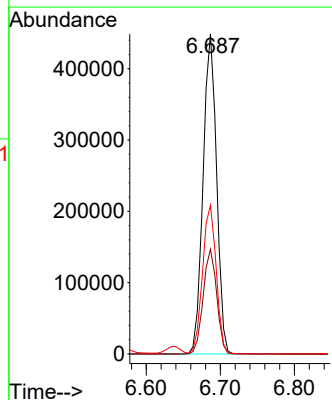
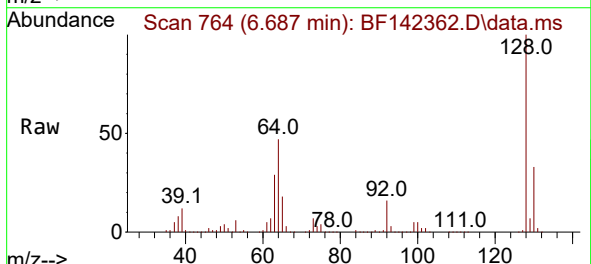
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.0	25.4
71	33.0	25.8	38.8

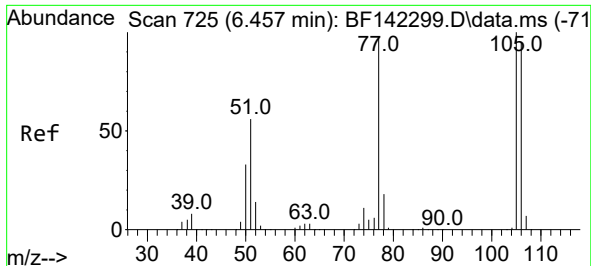


#8
2-Chlorophenol
Concen: 44.702 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion: 128 Resp: 569883

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	46.5	29.2	69.2

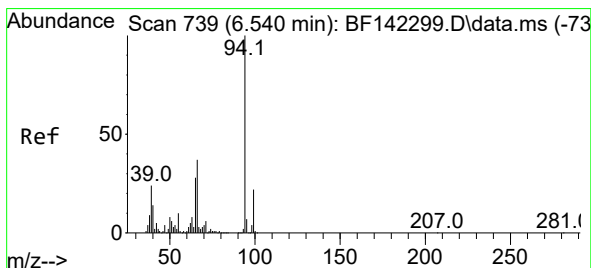
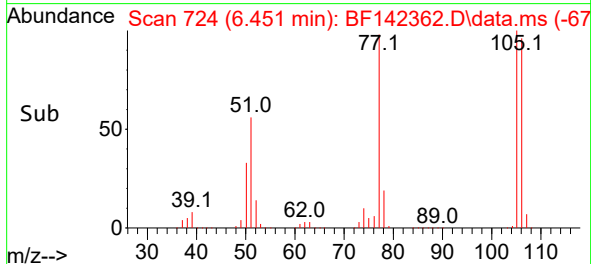
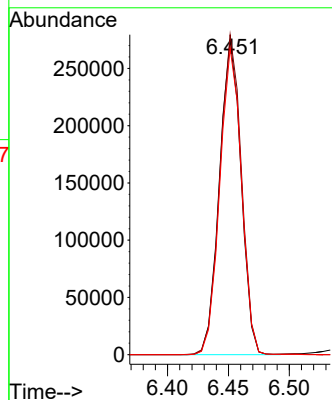
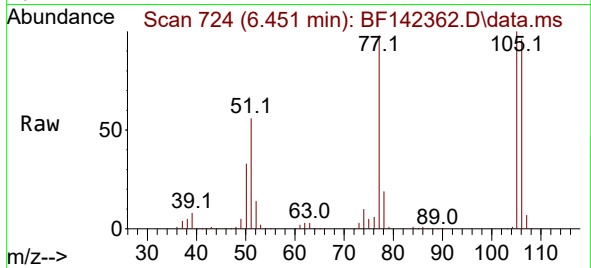




#9
Benzaldehyde
Concen: 39.495 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

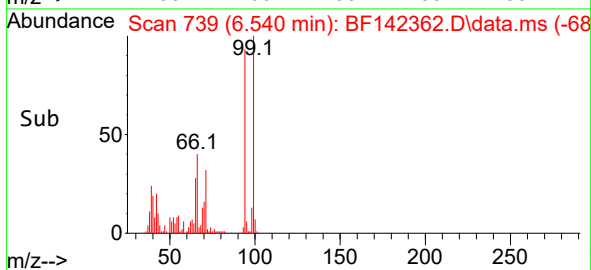
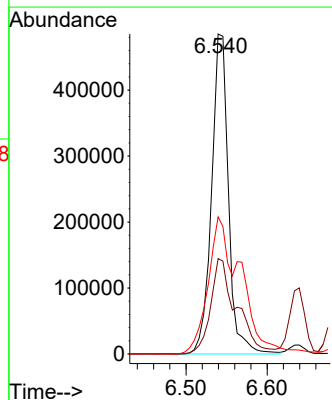
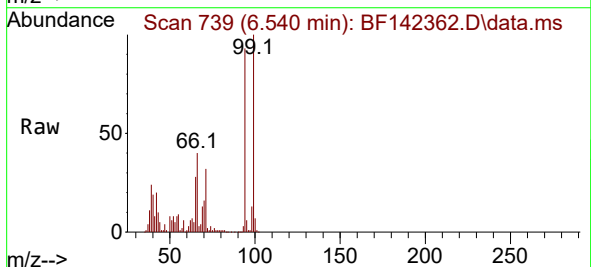
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ClientSampleId :
PB167929BS

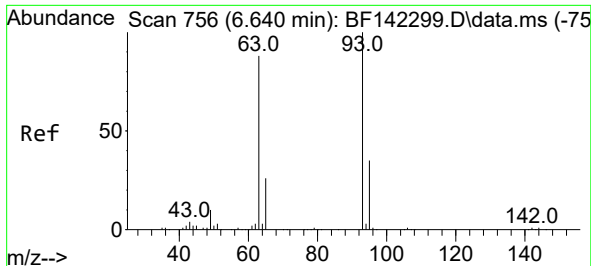
Tgt Ion: 77 Resp: 339172
Ion Ratio Lower Upper
77 100
105 101.6 82.0 122.0
106 97.3 77.2 117.2



#10
Phenol
Concen: 45.104 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion: 94 Resp: 701527
Ion Ratio Lower Upper
94 100
65 29.8 8.5 48.5
66 42.8 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 35.064 ng

RT: 6.640 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

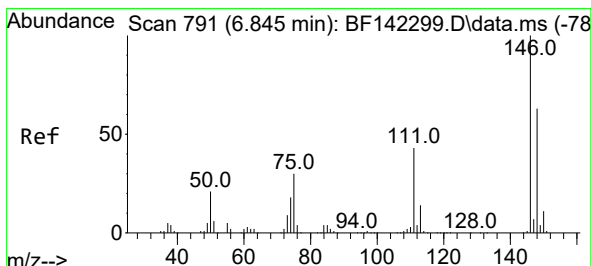
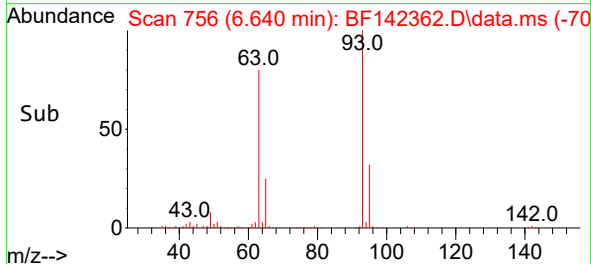
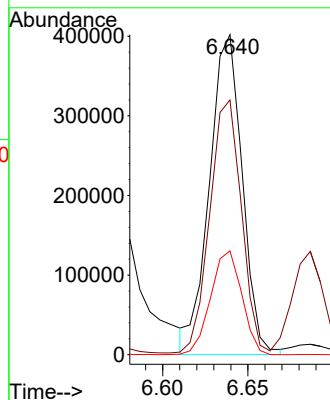
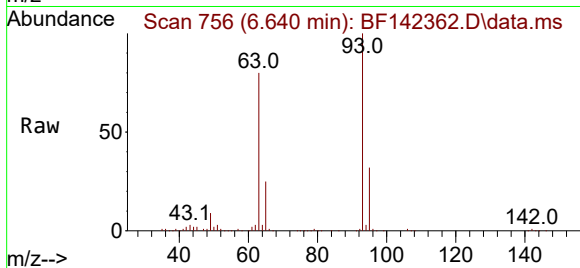
Tgt Ion: 93 Resp: 537820

Ion Ratio Lower Upper

93 100

63 79.6 58.4 98.4

95 32.5 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 40.813 ng

RT: 6.845 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

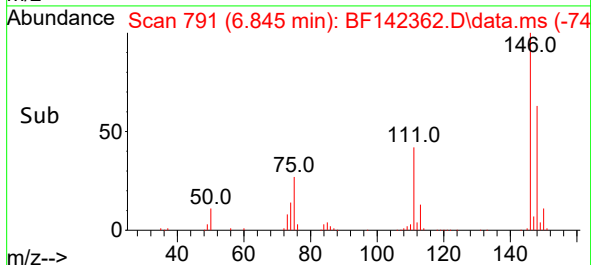
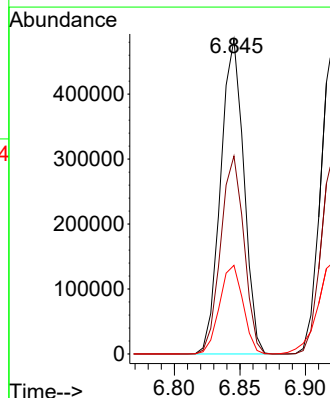
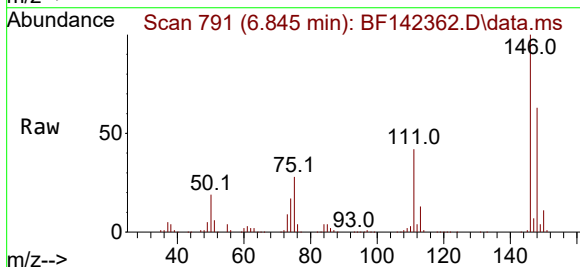
Tgt Ion:146 Resp: 595268

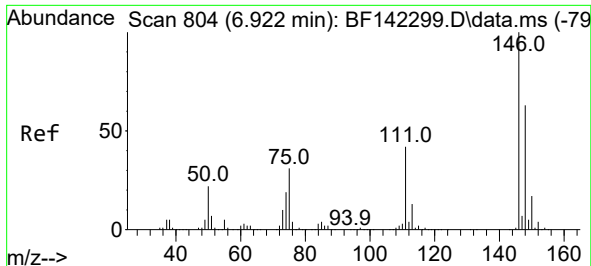
Ion Ratio Lower Upper

146 100

148 62.9 50.6 76.0

75 28.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.008 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

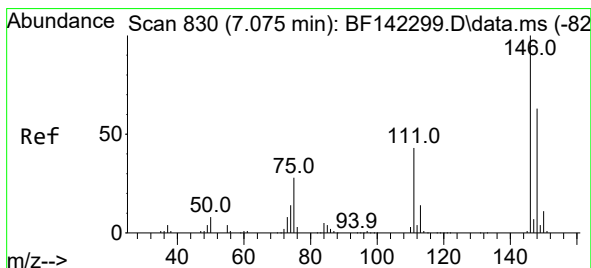
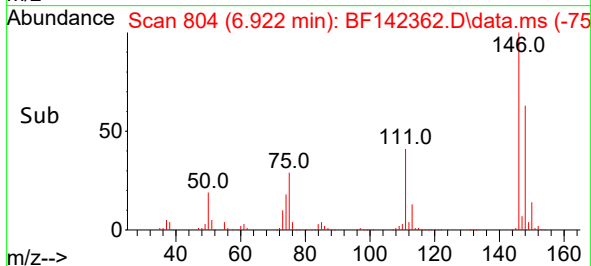
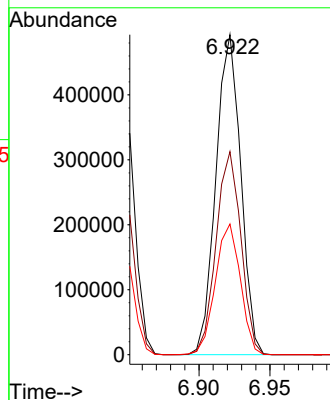
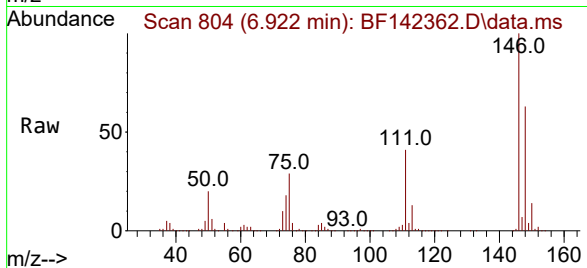
Tgt Ion:146 Resp: 600522

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 40.8 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 41.517 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

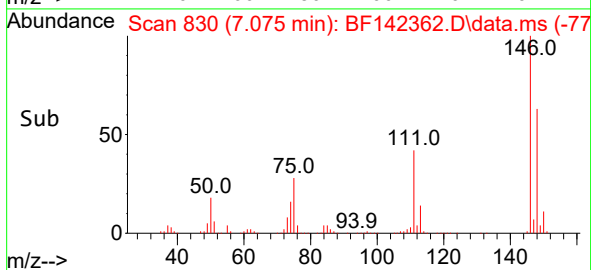
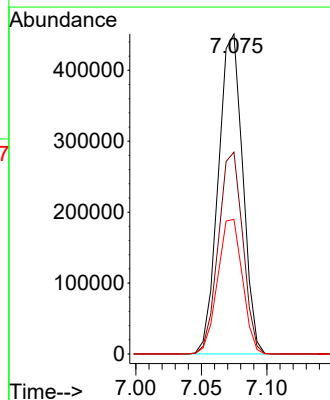
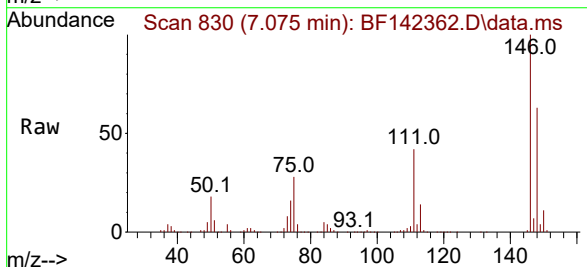
Tgt Ion:146 Resp: 583579

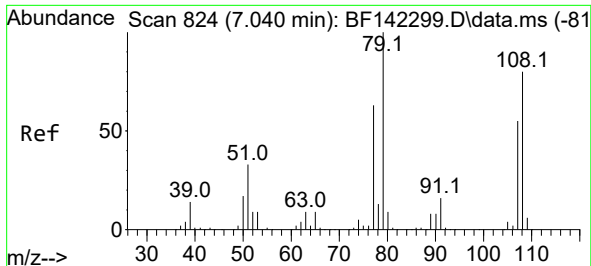
Ion Ratio Lower Upper

146 100

148 63.1 50.3 75.5

111 42.0 34.5 51.7

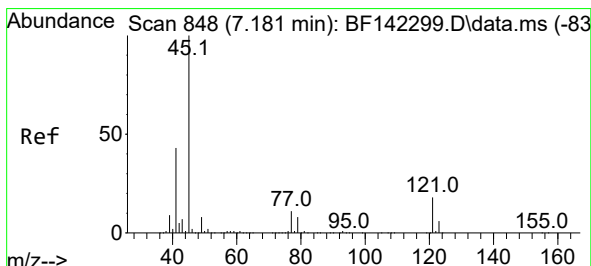
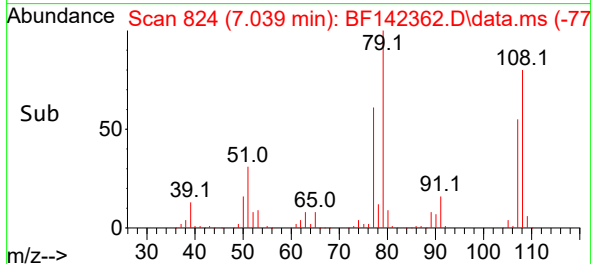
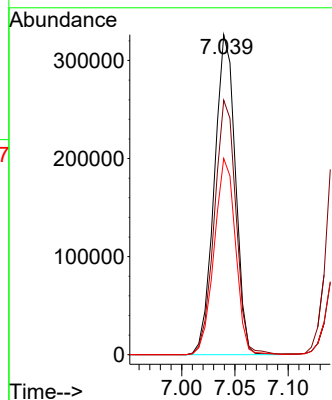
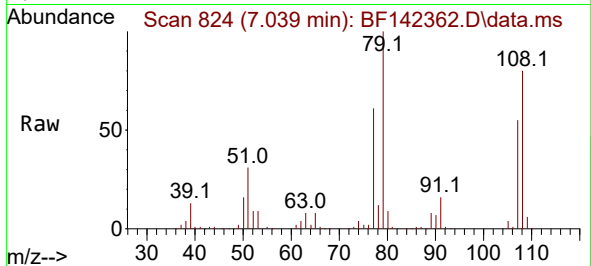




#15
Benzyl Alcohol
Concen: 47.266 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

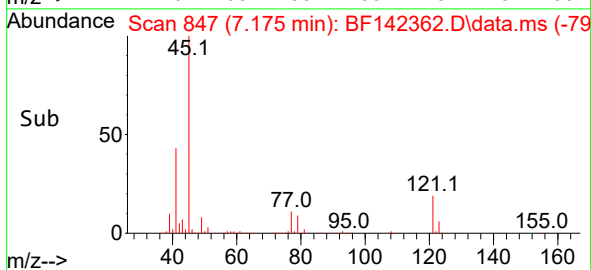
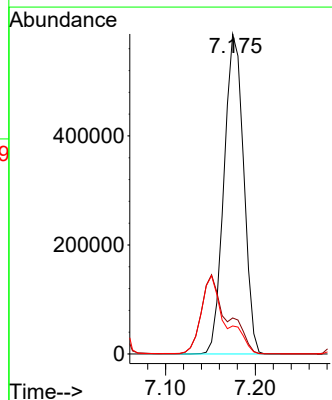
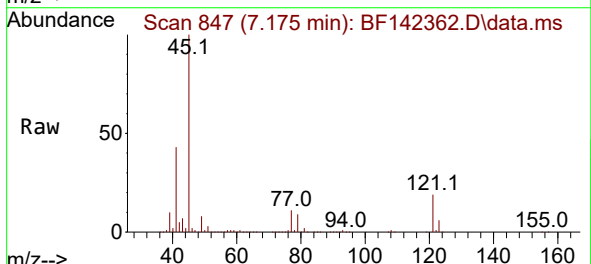
Instrument :
BNA_F
ClientSampleId :
PB167929BS

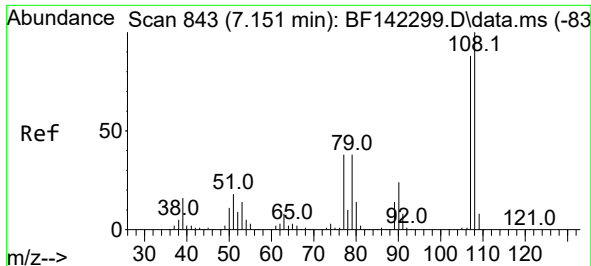
Tgt Ion: 79 Resp: 449090
Ion Ratio Lower Upper
79 100
108 79.5 63.9 95.9
77 61.3 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.878 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion: 45 Resp: 890491
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.2
79 8.8 0.0 28.5

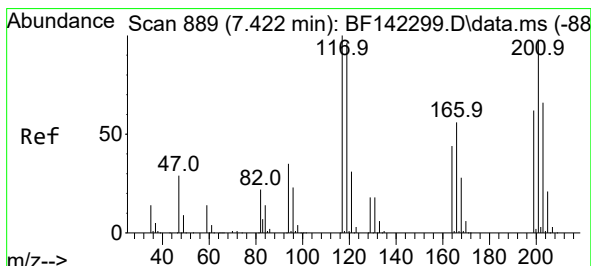
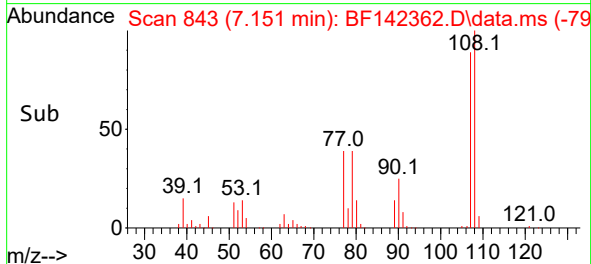
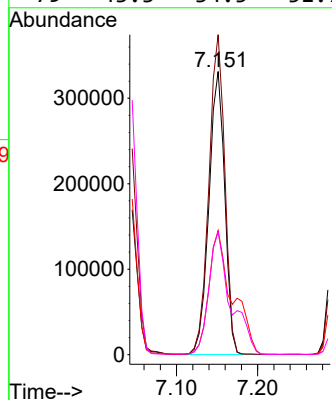
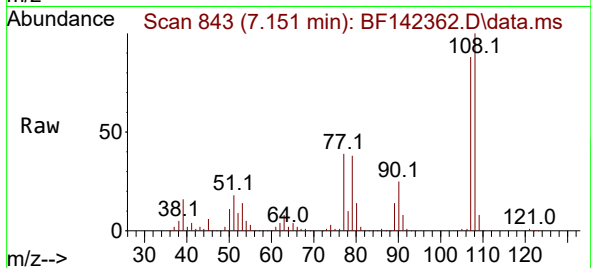




#17
2-Methylphenol
Concen: 43.376 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

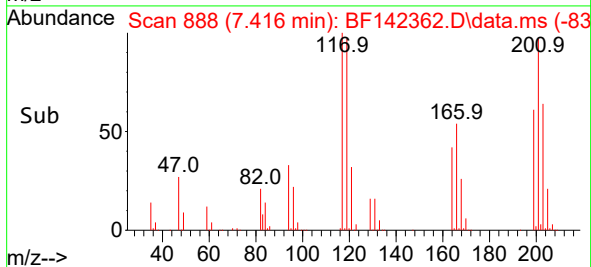
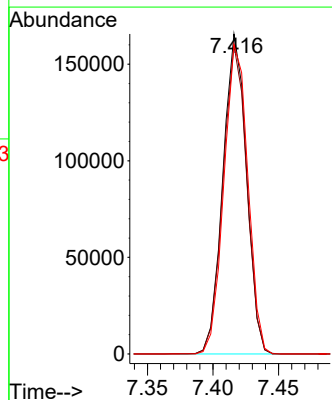
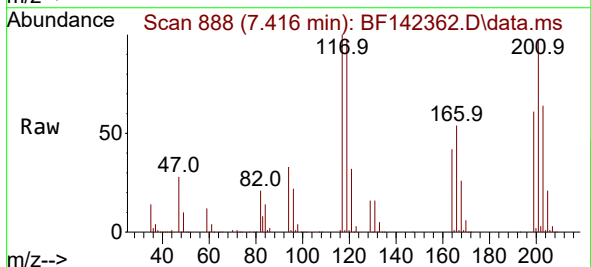
Instrument :
BNA_F
ClientSampleId :
PB167929BS

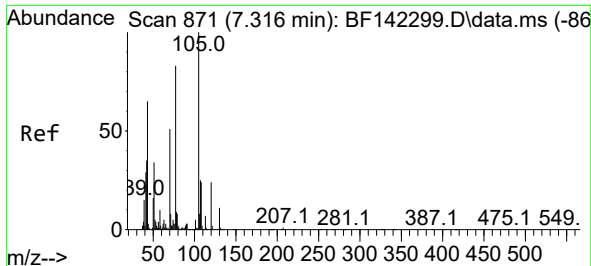
Tgt Ion:107 Resp: 447696
Ion Ratio Lower Upper
107 100
108 113.0 91.1 136.7
77 43.9 34.7 52.1
79 43.3 34.5 51.7



#18
Hexachloroethane
Concen: 42.501 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:117 Resp: 207084
Ion Ratio Lower Upper
117 100
119 96.6 76.9 115.3
201 96.6 78.0 117.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.536 ng

RT: 7.316 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

Tgt Ion: 70 Resp: 367918

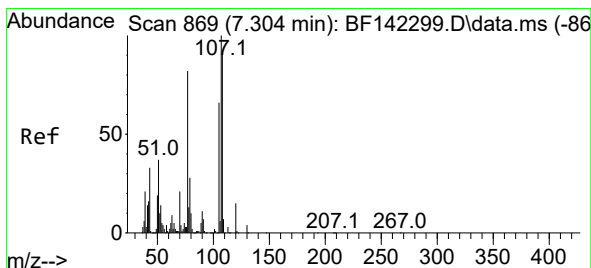
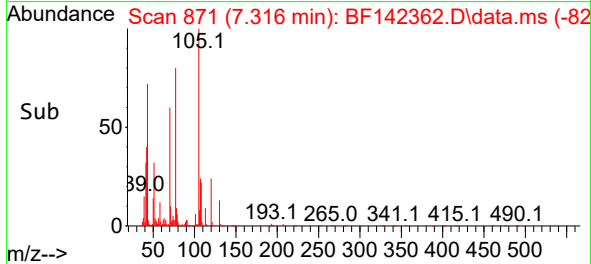
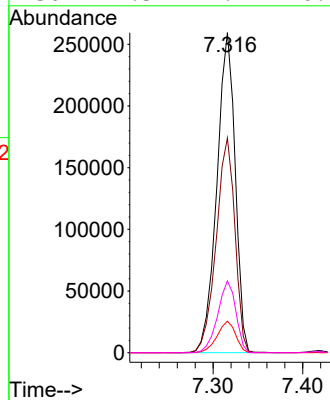
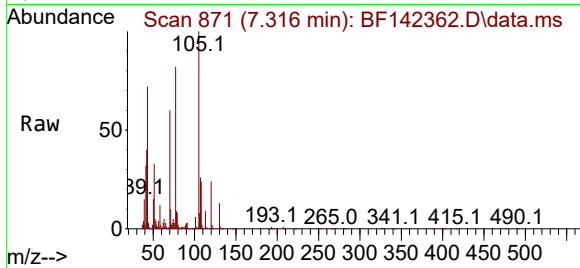
Ion Ratio Lower Upper

70 100

42 67.1 54.8 82.2

101 9.8 7.7 11.5

130 22.5 17.4 26.2



#20

3+4-Methylphenols

Concen: 42.166 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Tgt Ion: 107 Resp: 543155

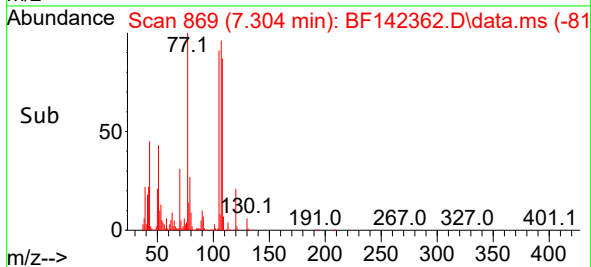
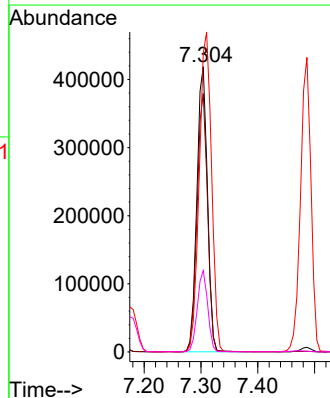
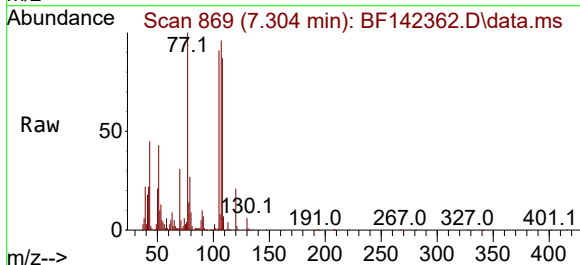
Ion Ratio Lower Upper

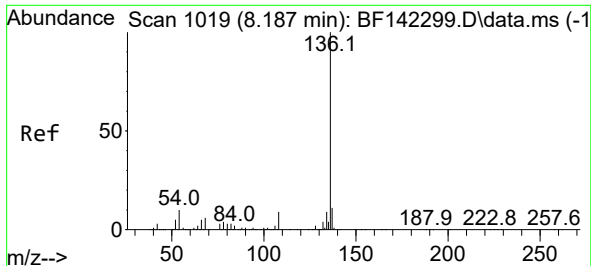
107 100

108 90.6 71.5 111.5

77 104.6 61.6 101.6#

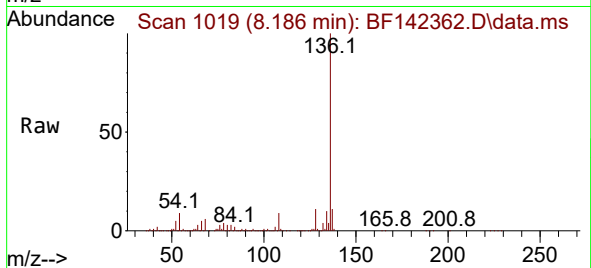
79 28.5 8.3 48.3



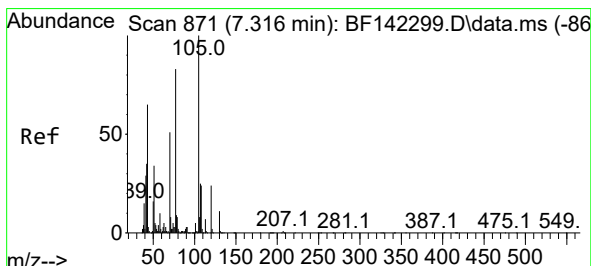
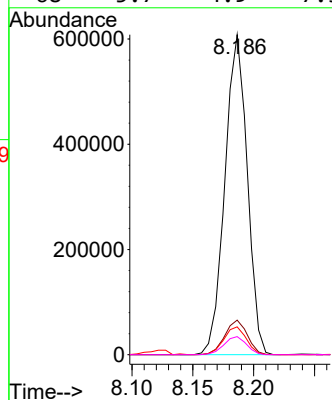
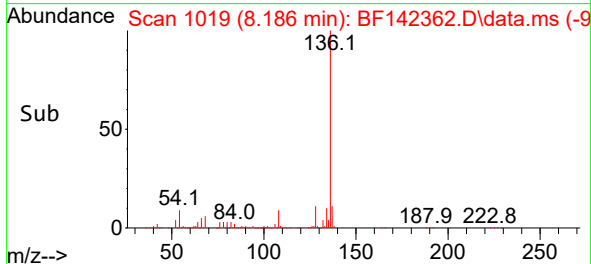


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

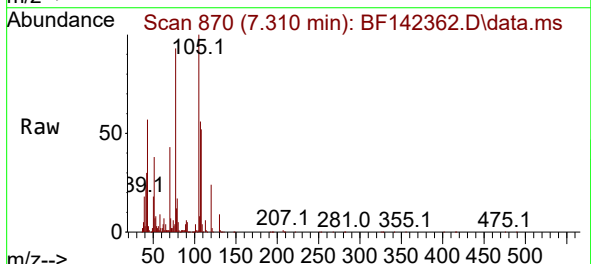
Instrument :
BNA_F
ClientSampleId :
PB167929BS



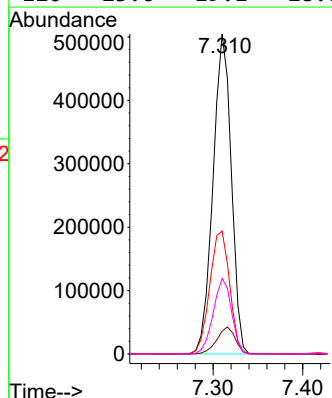
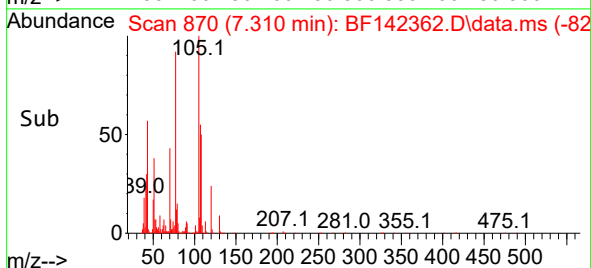
Tgt Ion:136	Resp:	778380	
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.7	7.7	11.5
68	5.7	4.9	7.3

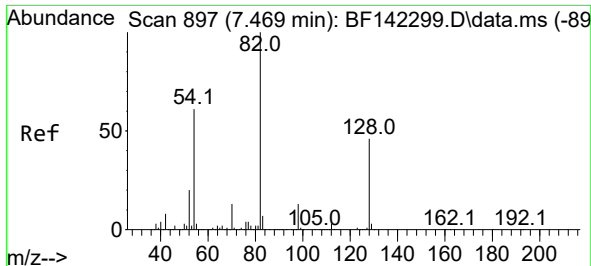


#22
Acetophenone
Concen: 41.240 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20



Tgt Ion:105	Resp:	713732	
Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.7	10.1
51	38.4	27.6	41.4
120	23.6	19.1	28.7





#23

Nitrobenzene-d5

Concen: 81.754 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

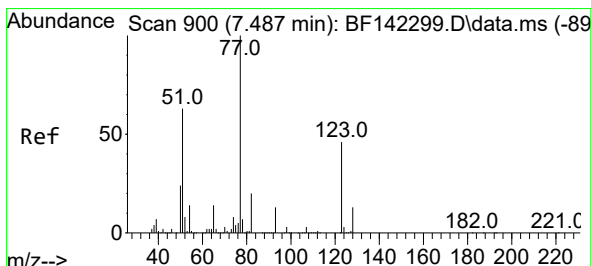
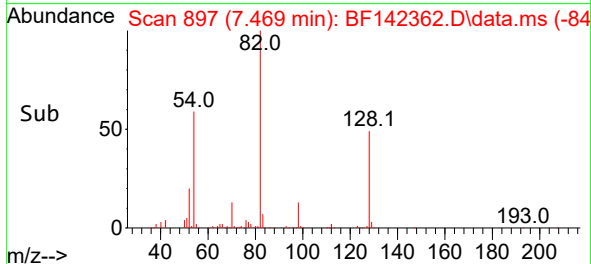
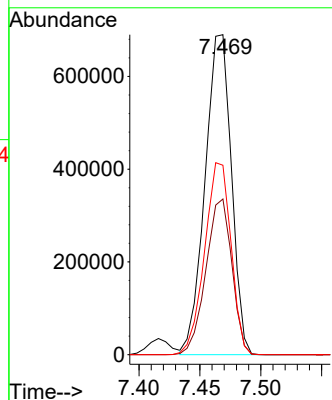
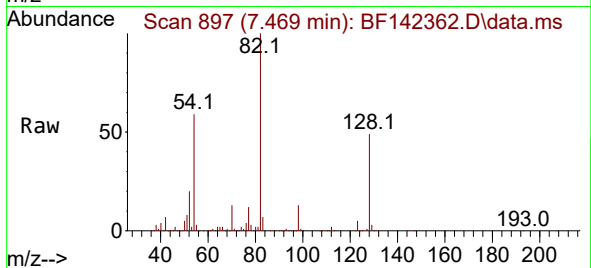
Tgt Ion: 82 Resp: 1043424

Ion Ratio Lower Upper

82 100

128 48.7 37.0 55.6

54 59.2 48.6 73.0



#24

Nitrobenzene

Concen: 45.807 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

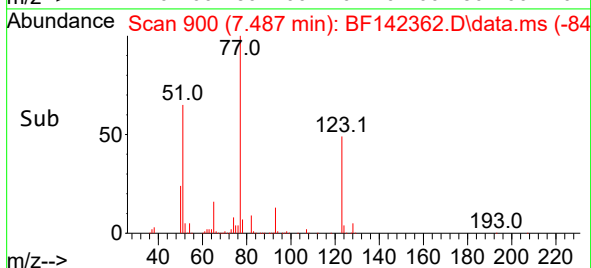
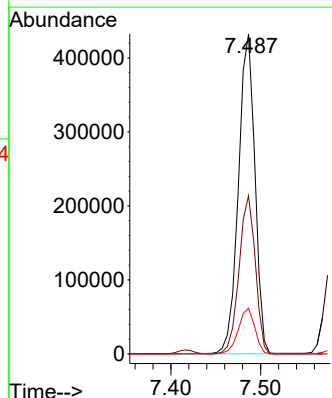
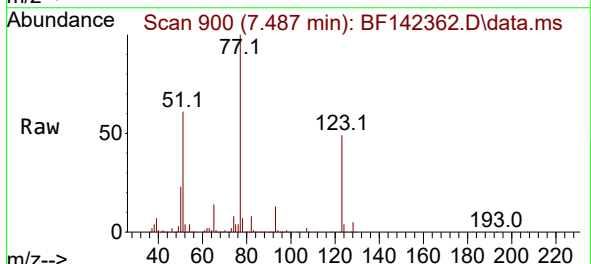
Tgt Ion: 77 Resp: 551097

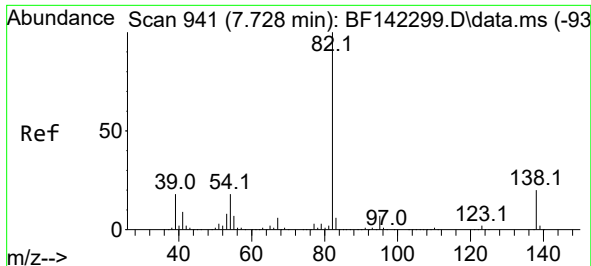
Ion Ratio Lower Upper

77 100

123 49.4 37.8 56.8

65 14.2 11.4 17.0

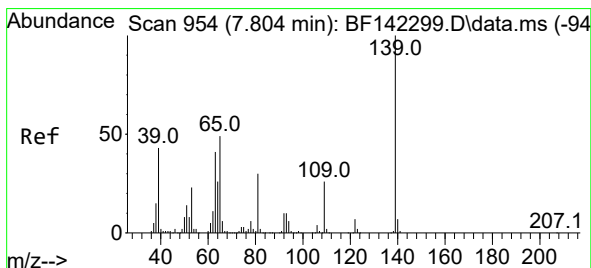
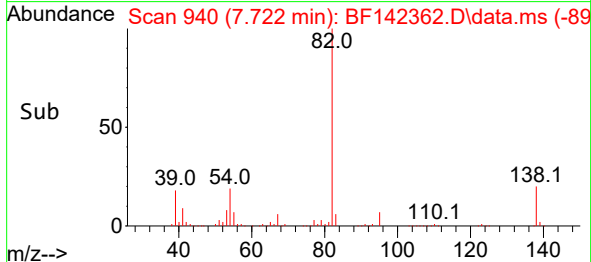
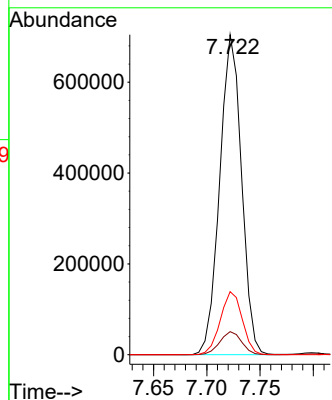
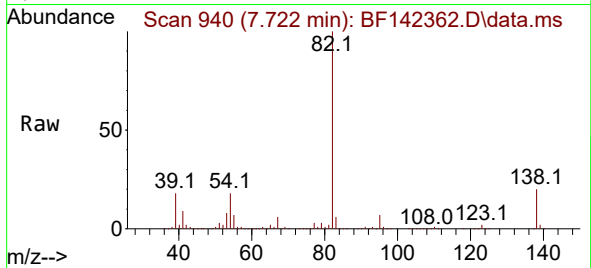




#25
Isophorone
Concen: 41.441 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

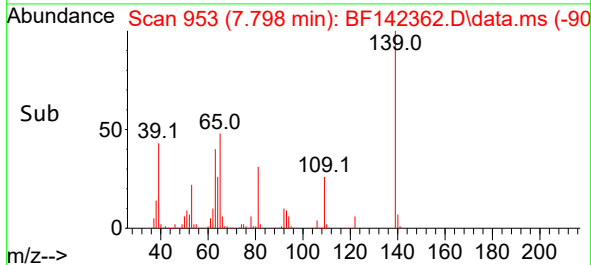
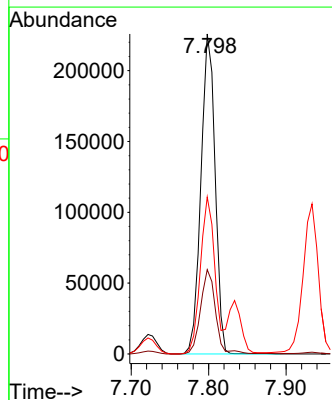
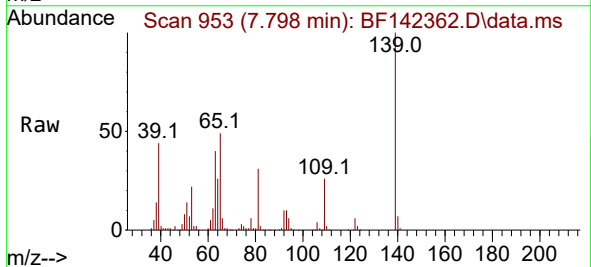
Instrument :
BNA_F
ClientSampleId :
PB167929BS

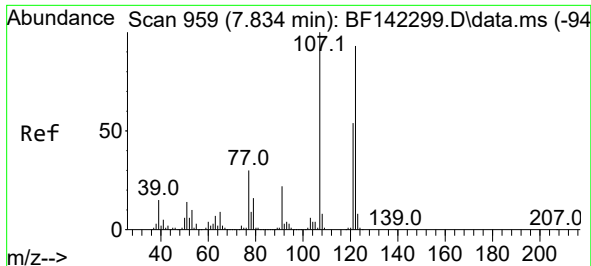
Tgt Ion: 82 Resp: 1001574
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 19.7 16.1 24.1



#26
2-Nitrophenol
Concen: 49.445 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:139 Resp: 287506
Ion Ratio Lower Upper
139 100
109 26.3 20.8 31.2
65 49.1 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 43.702 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142362.D

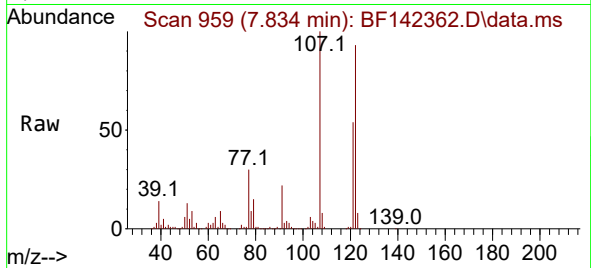
Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS



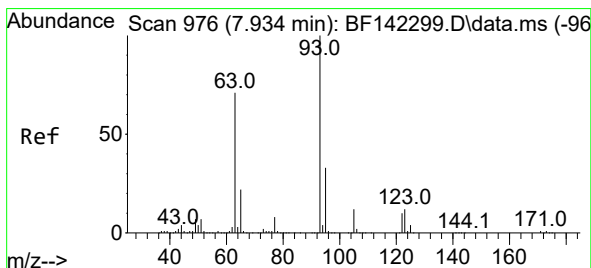
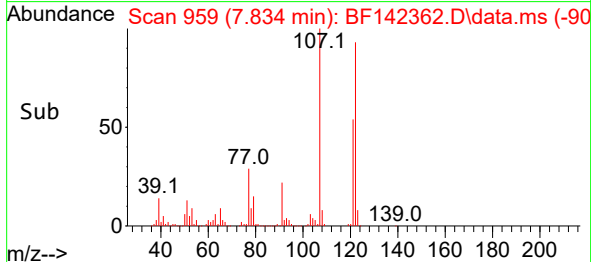
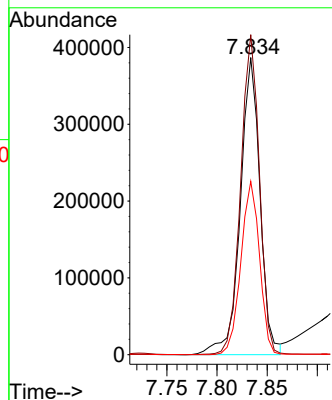
Tgt Ion:122 Resp: 531032

Ion Ratio Lower Upper

122 100

107 107.7 86.0 129.0

121 58.3 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.478 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

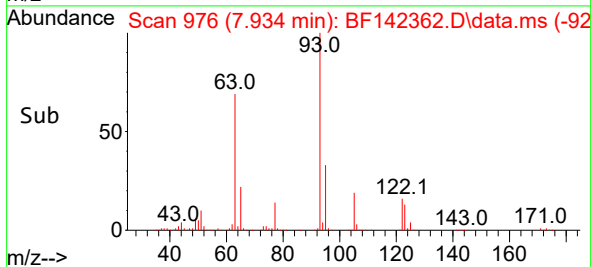
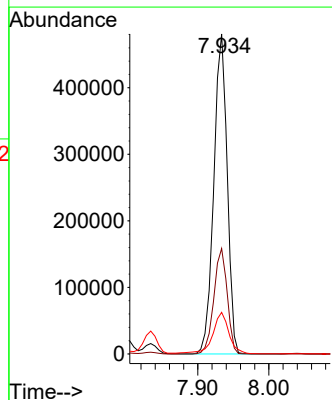
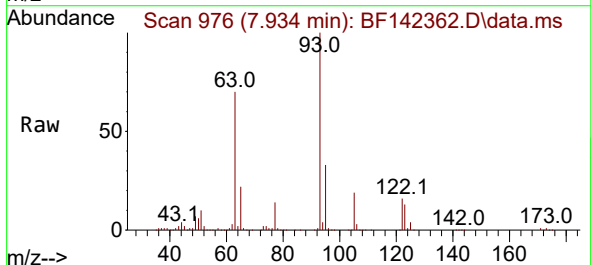
Tgt Ion: 93 Resp: 629063

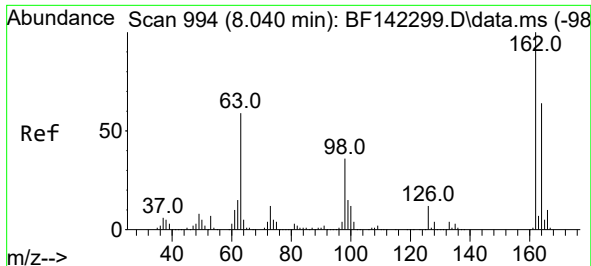
Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.025 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142362.D

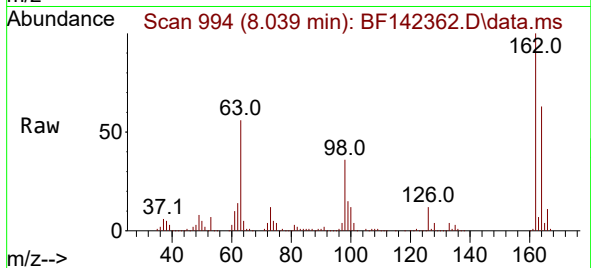
Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS



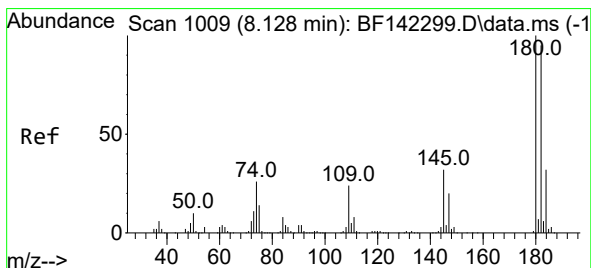
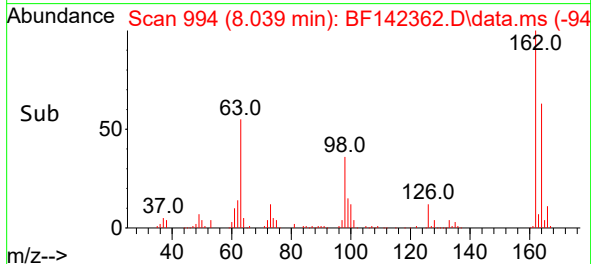
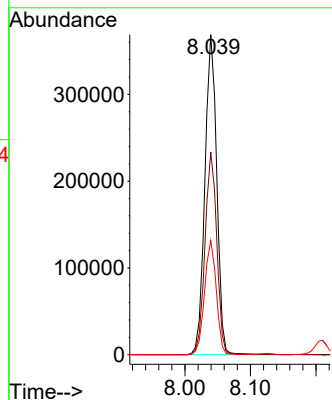
Tgt Ion:162 Resp: 465146

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

98 35.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 42.221 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

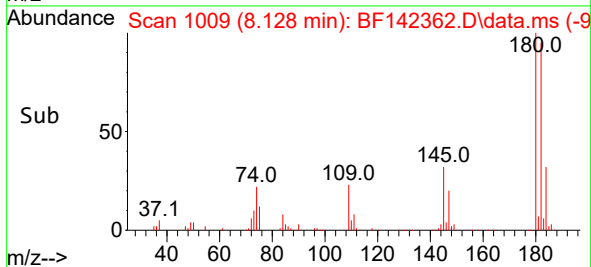
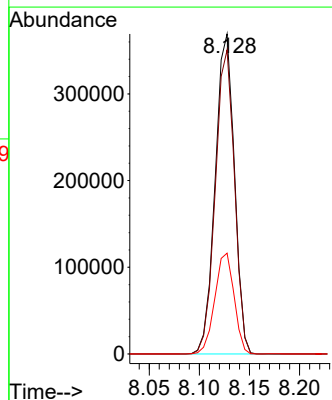
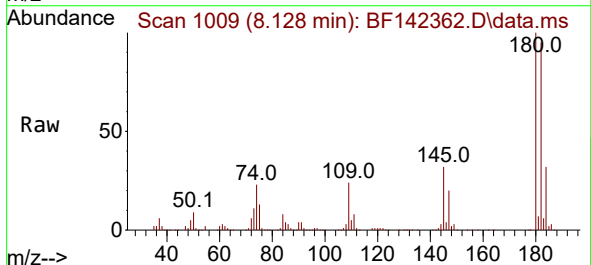
Tgt Ion:180 Resp: 490880

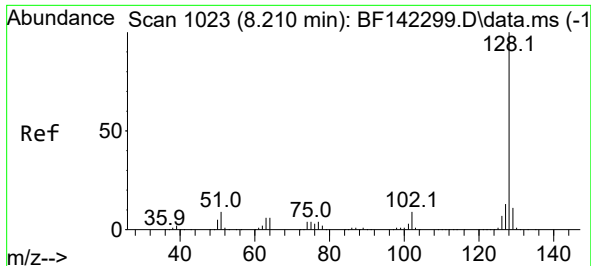
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

145 31.5 25.8 38.6





#31

Naphthalene

Concen: 41.850 ng

RT: 8.210 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

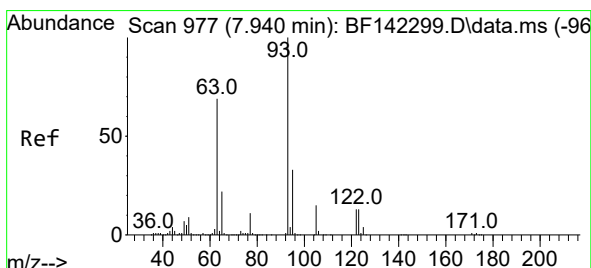
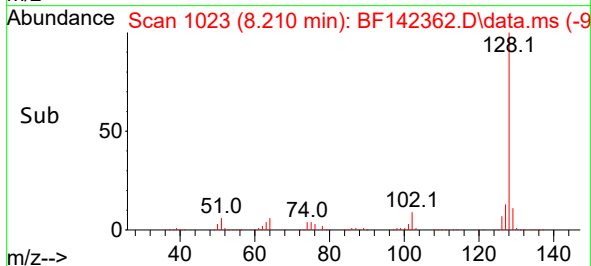
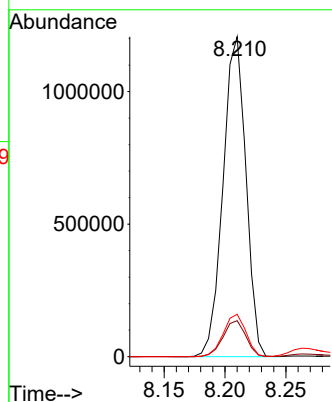
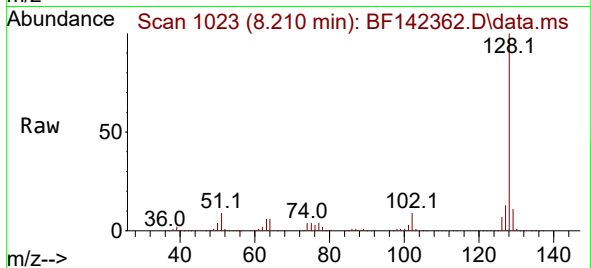
Tgt Ion:128 Resp: 1578794

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 52.348 ng m

RT: 7.951 min Scan# 979

Delta R.T. 0.011 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

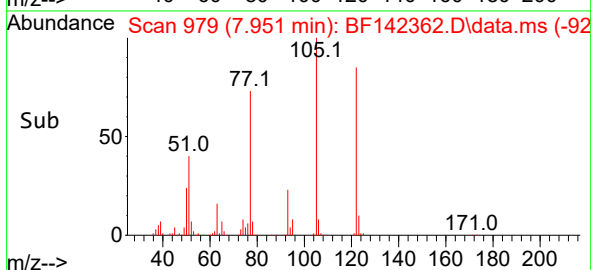
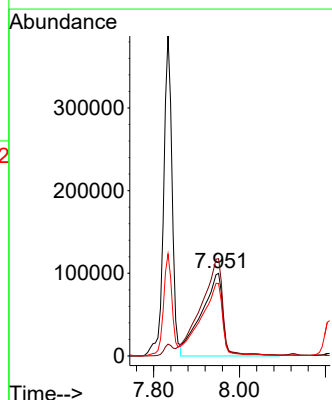
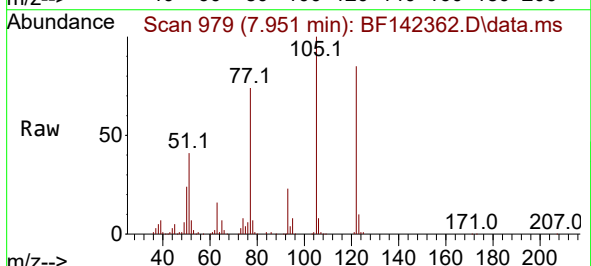
Tgt Ion:122 Resp: 350466

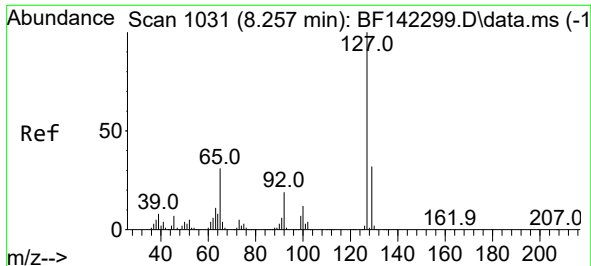
Ion Ratio Lower Upper

122 100

105 117.8 97.9 137.9

77 87.8 67.7 107.7

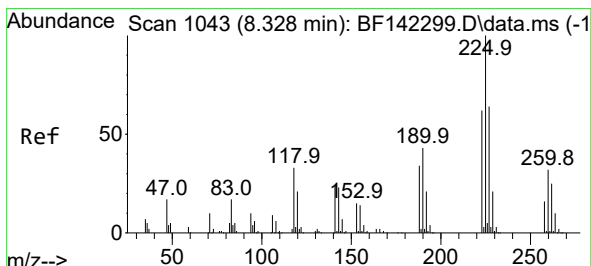
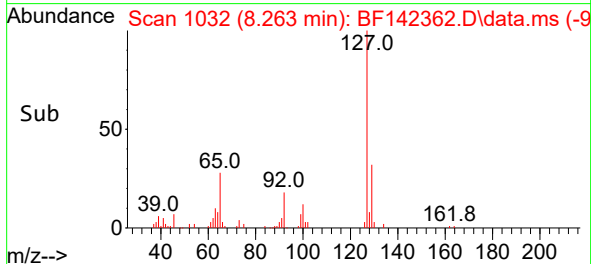
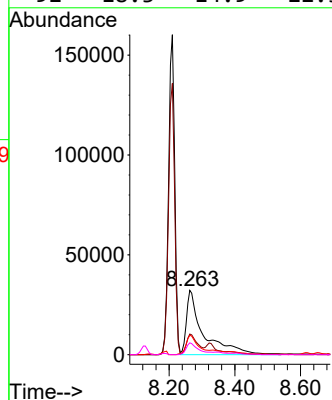
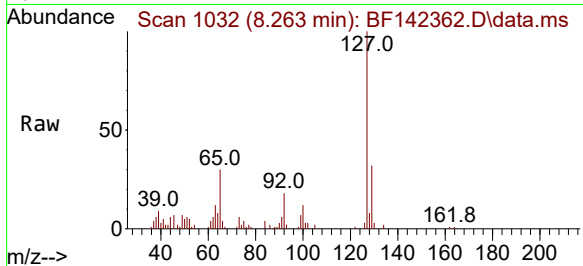




#33
4-Chloroaniline
Concen: 7.566 ng m
RT: 8.263 min Scan# 1031
Delta R.T. -0.004 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

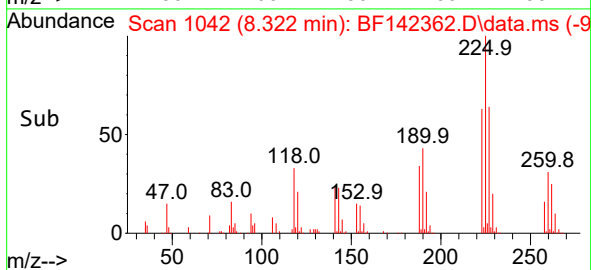
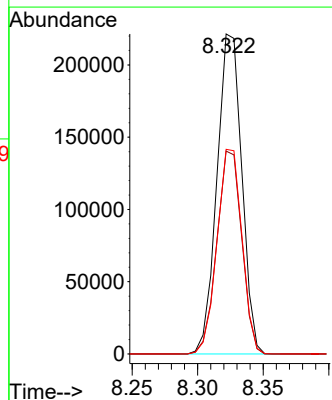
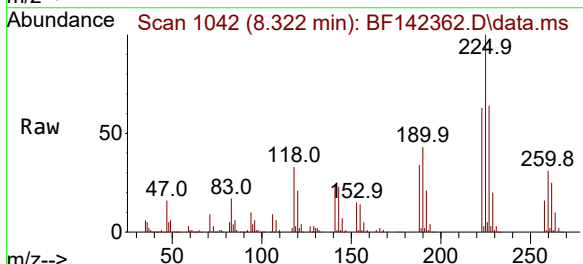
Instrument :
BNA_F
ClientSampleId :
PB167929BS

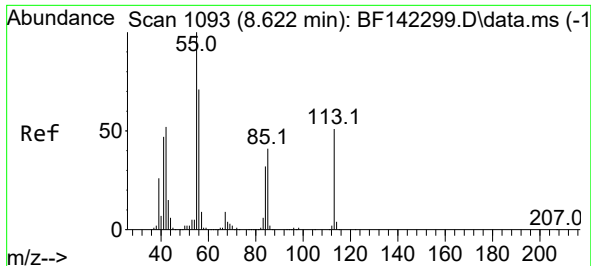
Tgt Ion:127	Resp: 116463
Ion Ratio	Lower Upper
127 100	
129 32.0	25.7 38.5
65 30.2	24.9 37.3
92 18.3	14.9 22.3



#34
Hexachlorobutadiene
Concen: 42.359 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:225	Resp: 291618
Ion Ratio	Lower Upper
225 100	
223 63.4	49.8 74.6
227 64.0	50.9 76.3

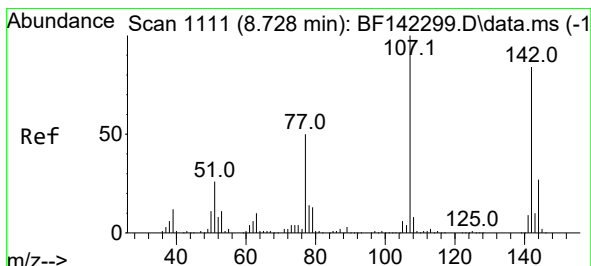
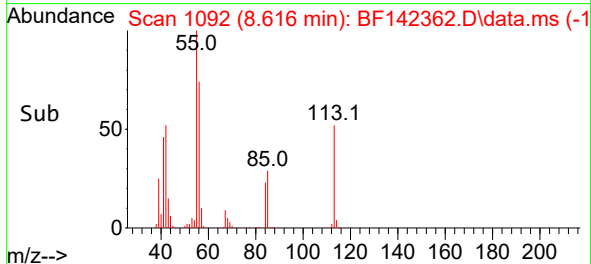
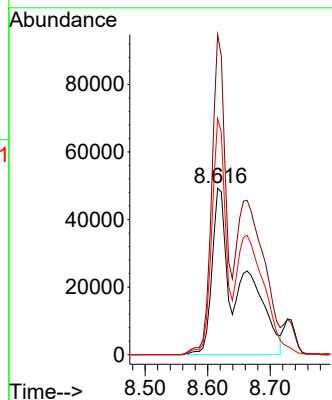
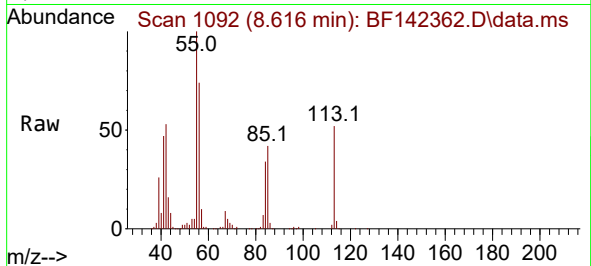




#35
 Caprolactam
 Concen: 50.629 ng m
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF142362.D
 Acq: 14 May 2025 13:20

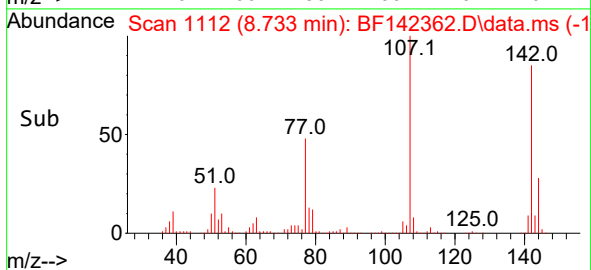
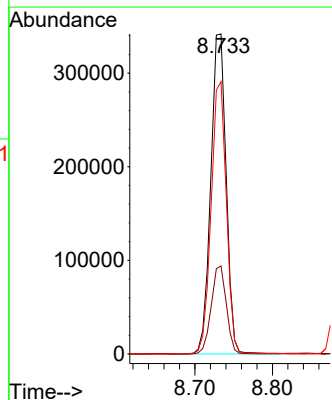
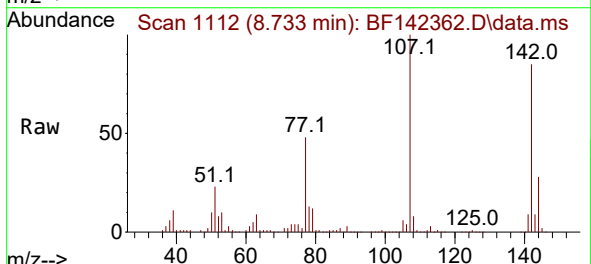
Instrument :
 BNA_F
 ClientSampleId :
 PB167929BS

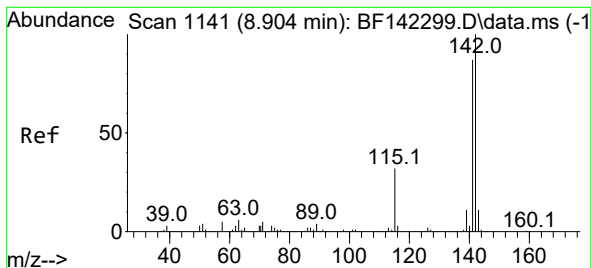
Tgt Ion:113 Resp: 152434
 Ion Ratio Lower Upper
 113 100
 55 192.2 176.4 216.4
 56 141.8 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.952 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142362.D
 Acq: 14 May 2025 13:20

Tgt Ion:107 Resp: 471998
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.3 31.9
 142 85.1 66.9 100.3





#37

2-Methylnaphthalene

Concen: 41.523 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

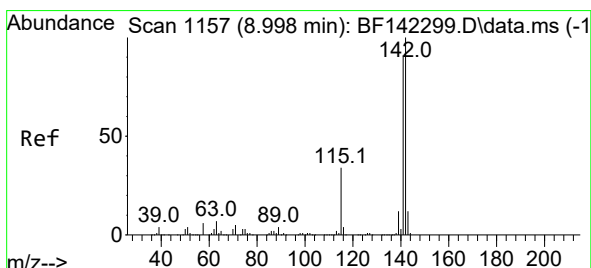
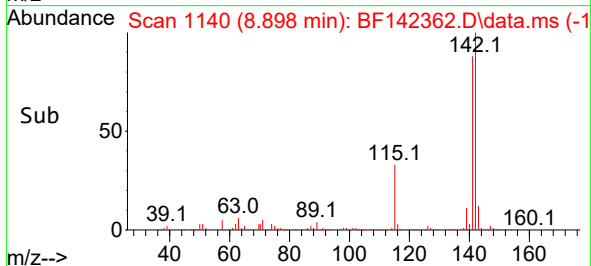
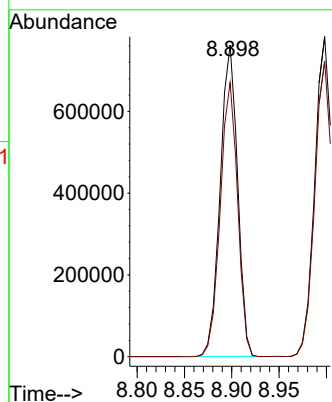
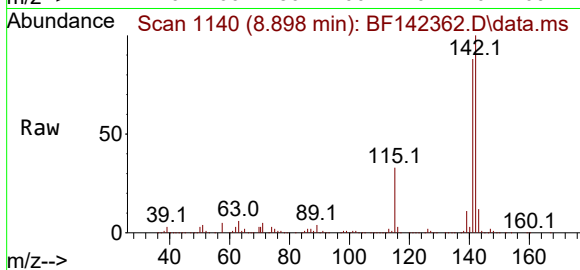
PB167929BS

Tgt Ion:142 Resp: 973363

Ion Ratio Lower Upper

142 100

141 88.0 69.4 104.2



#38

1-Methylnaphthalene

Concen: 41.080 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142362.D

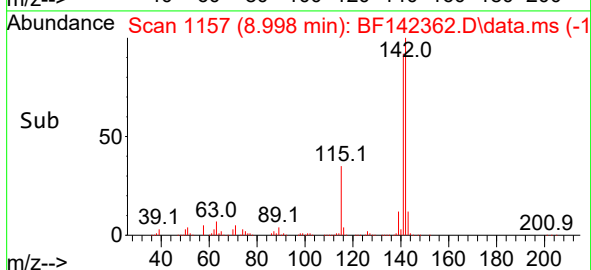
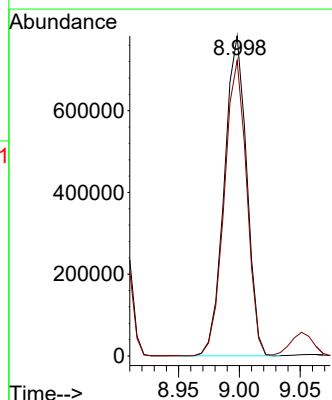
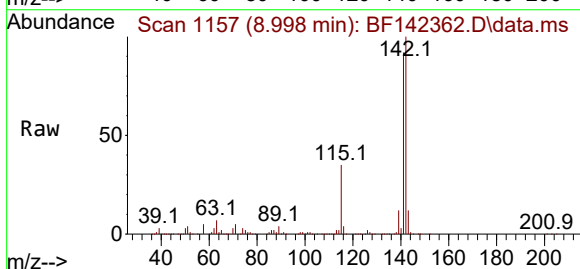
Acq: 14 May 2025 13:20

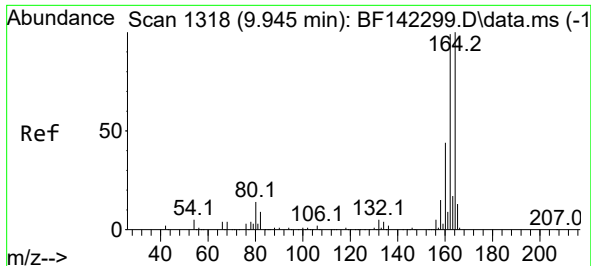
Tgt Ion:142 Resp: 1003689

Ion Ratio Lower Upper

142 100

141 92.4 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

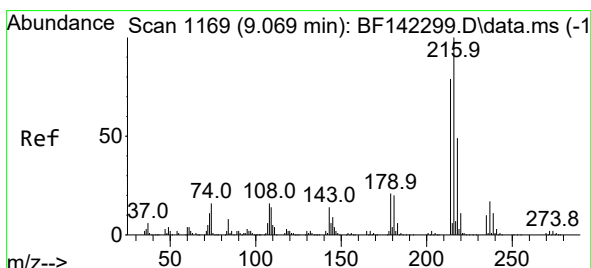
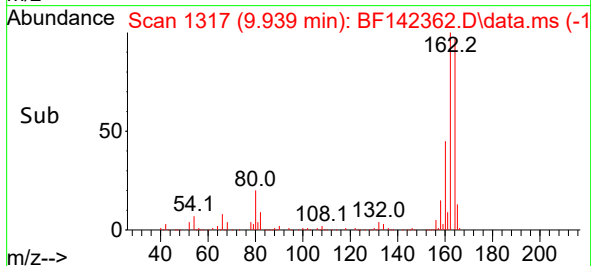
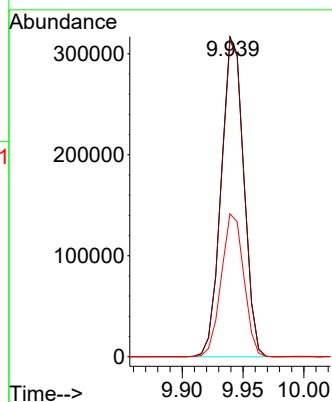
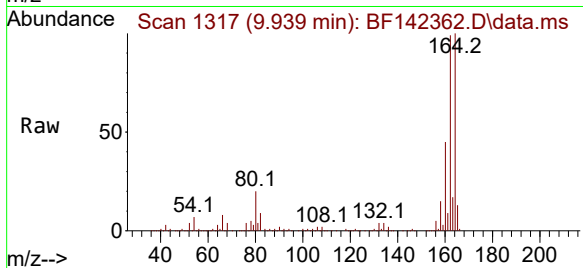
Tgt Ion:164 Resp: 407746

Ion Ratio Lower Upper

164 100

162 98.8 79.2 118.8

160 44.6 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.422 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Tgt Ion:216 Resp: 483100

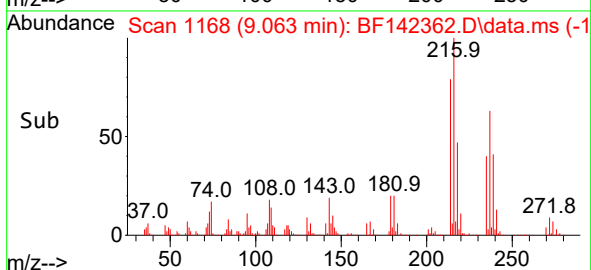
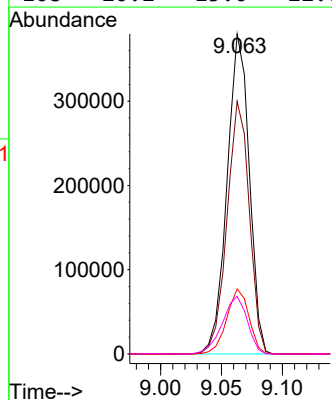
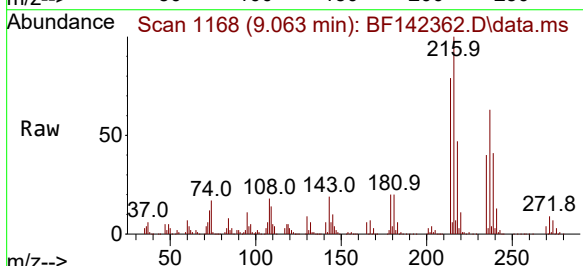
Ion Ratio Lower Upper

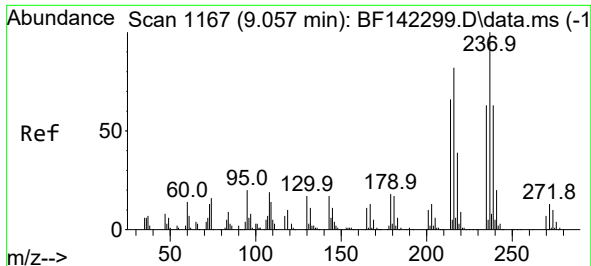
216 100

214 78.9 63.8 95.6

179 20.4 17.0 25.6

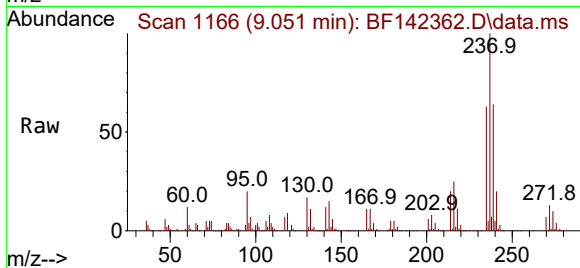
108 20.2 15.0 22.6



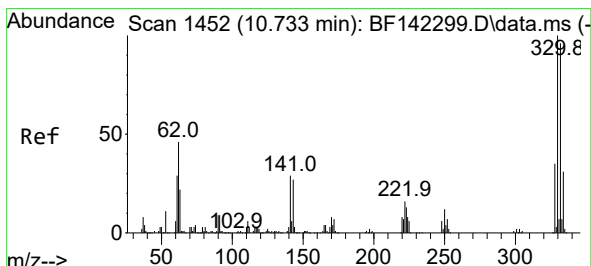
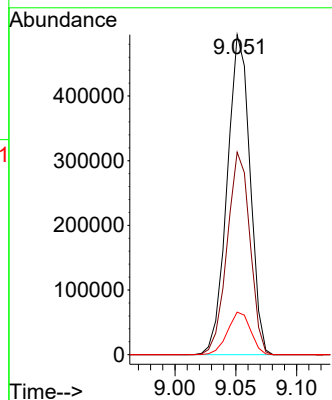
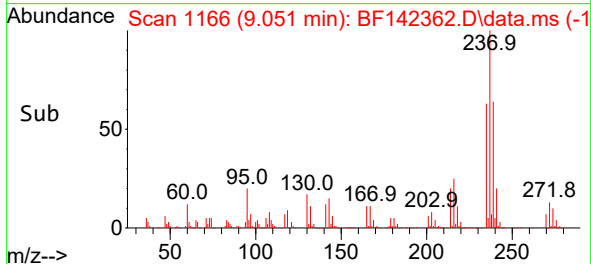


#41
Hexachlorocyclopentadiene
Concen: 91.864 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

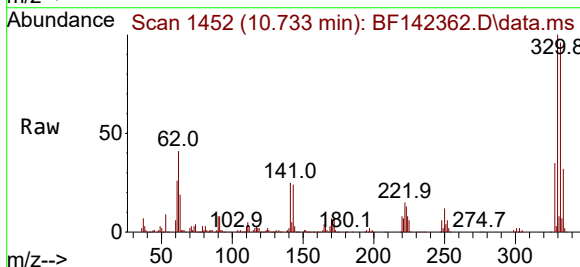
Instrument :
BNA_F
ClientSampleId :
PB167929BS



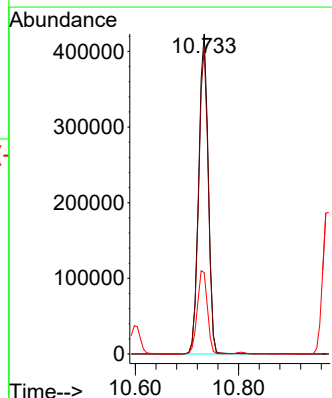
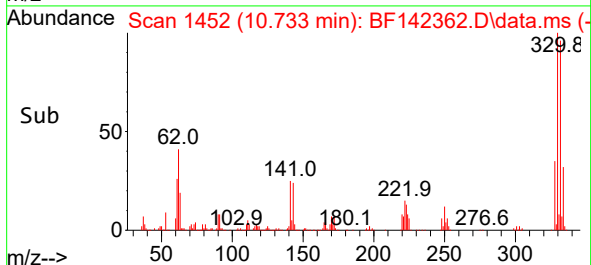
Tgt Ion:237 Resp: 646541
Ion Ratio Lower Upper
237 100
235 63.3 42.8 82.8
272 13.3 0.0 33.0

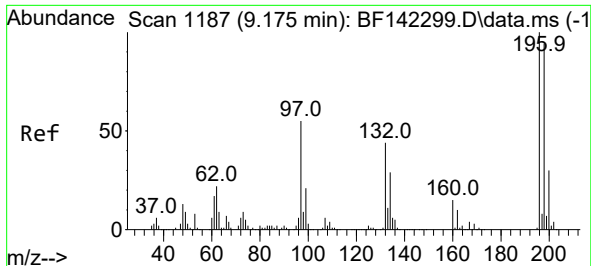


#42
2,4,6-Tribromophenol
Concen: 137.558 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20



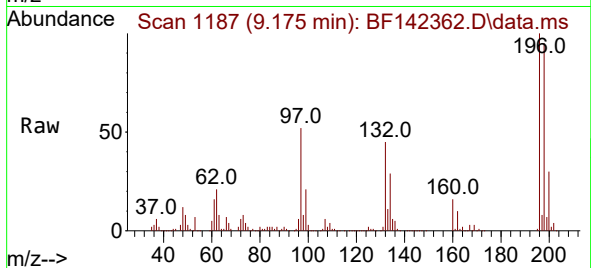
Tgt Ion:330 Resp: 541527
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 27.4 24.9 37.3



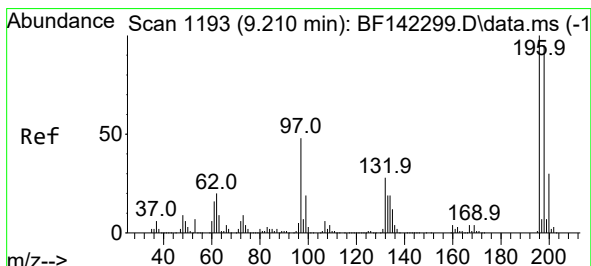
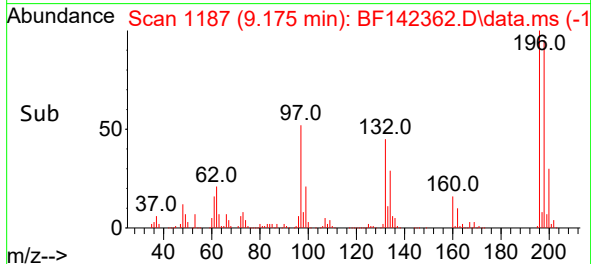
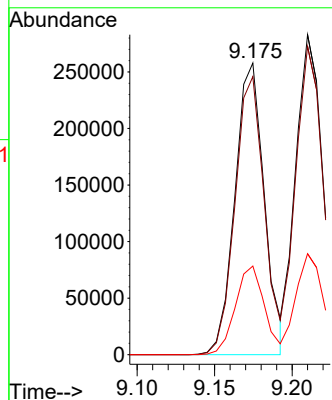


#43
2,4,6-Trichlorophenol
Concen: 47.283 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Instrument :
BNA_F
ClientSampleId :
PB167929BS

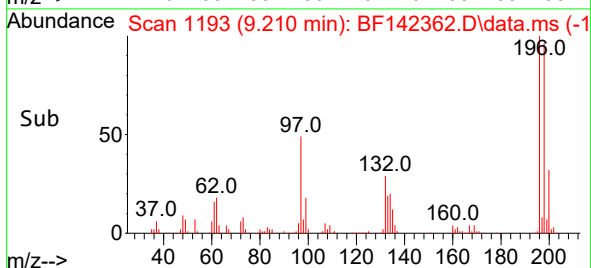
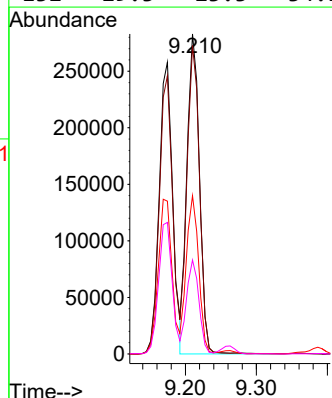
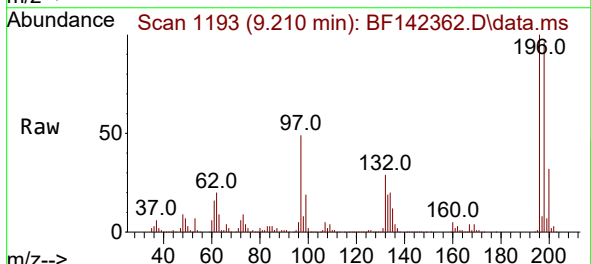


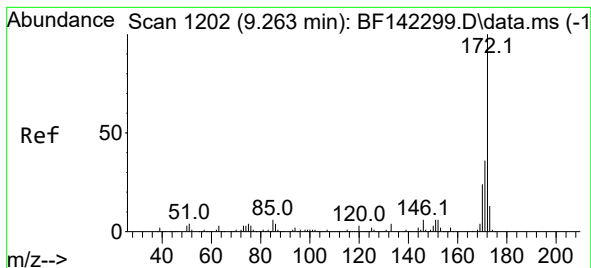
Tgt Ion:196 Resp: 339644
Ion Ratio Lower Upper
196 100
198 95.3 75.4 113.0
200 30.4 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 45.164 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:196 Resp: 345187
Ion Ratio Lower Upper
196 100
198 96.3 76.1 114.1
97 49.4 39.0 58.4
132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.320 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

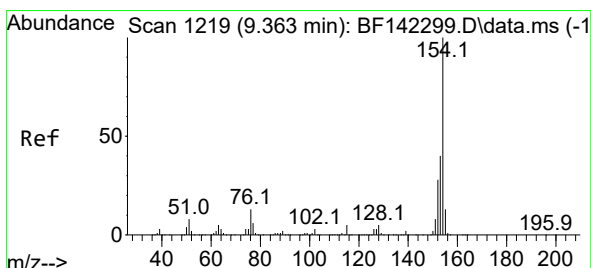
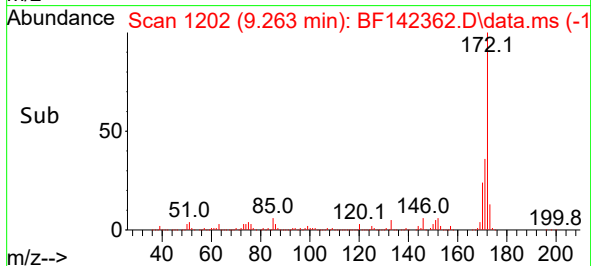
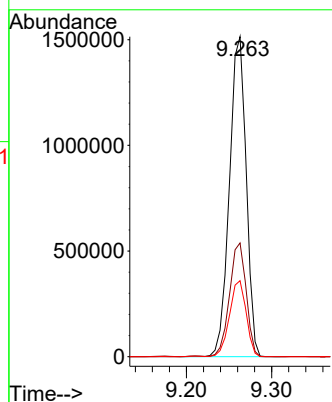
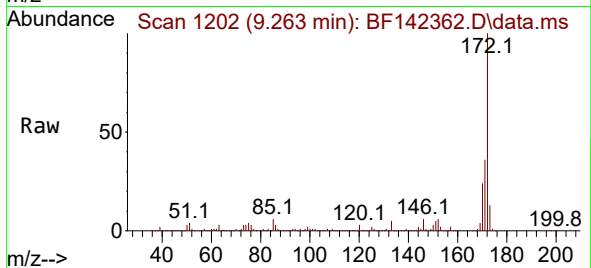
Tgt Ion:172 Resp: 2068085

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.683 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

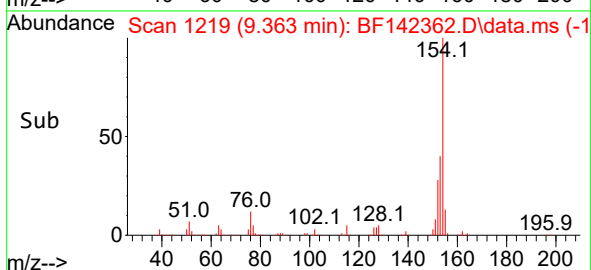
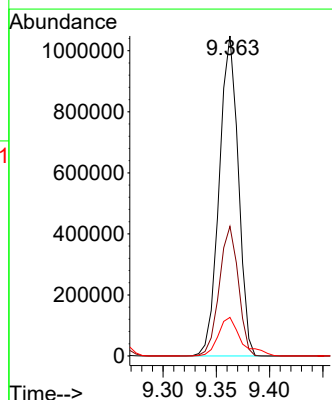
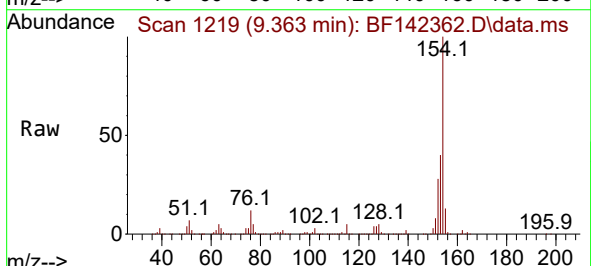
Tgt Ion:154 Resp: 1303157

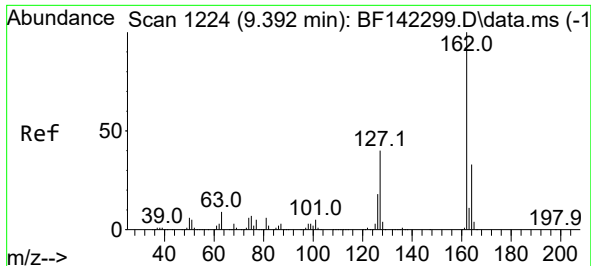
Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

76 12.0 0.0 32.8

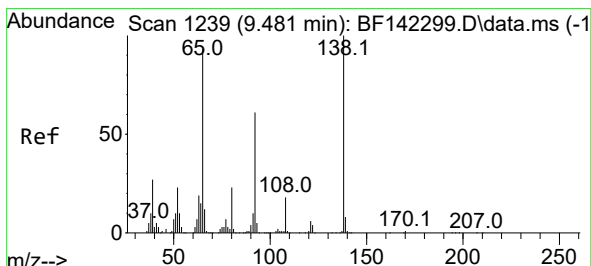
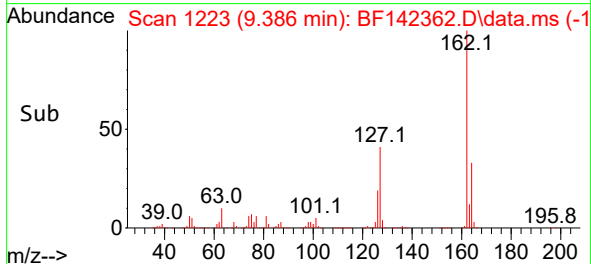
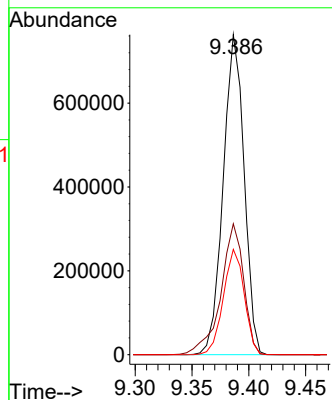
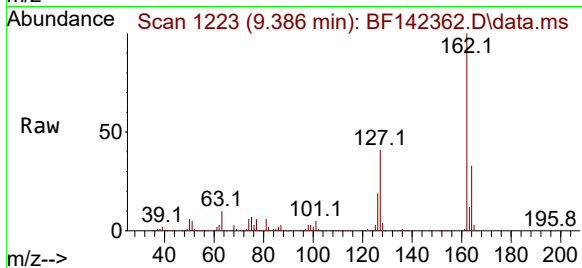




#47
2-Chloronaphthalene
Concen: 42.035 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

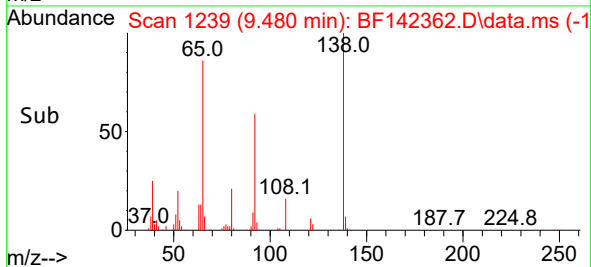
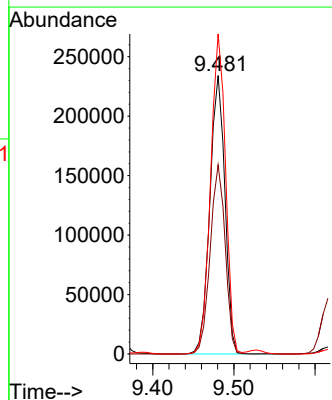
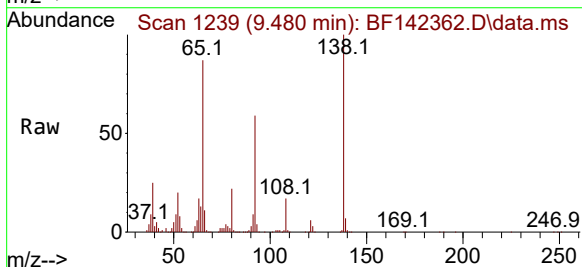
Instrument :
BNA_F
ClientSampleId :
PB167929BS

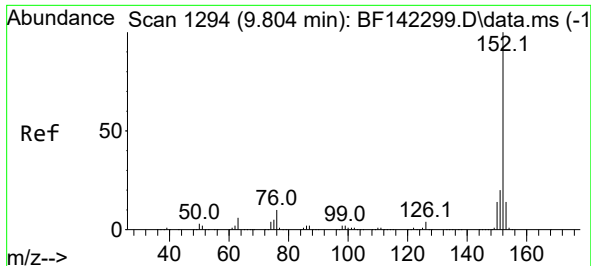
Tgt Ion:162 Resp: 977324
Ion Ratio Lower Upper
162 100
127 40.9 32.3 48.5
164 32.9 26.6 40.0



#48
2-Nitroaniline
Concen: 50.575 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

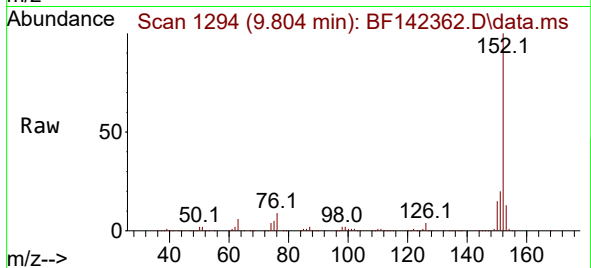
Tgt Ion: 65 Resp: 301399
Ion Ratio Lower Upper
65 100
92 67.9 52.3 78.5
138 114.9 85.6 128.4



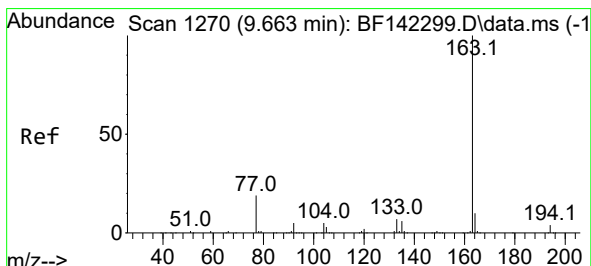
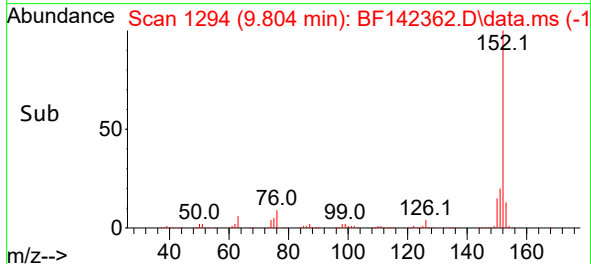
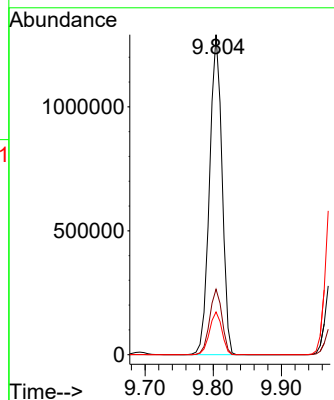


#49
Acenaphthylene
Concen: 42.287 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Instrument :
BNA_F
ClientSampleId :
PB167929BS

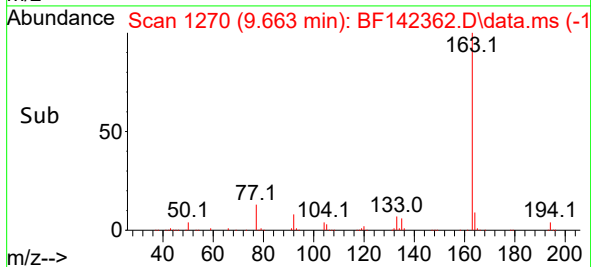
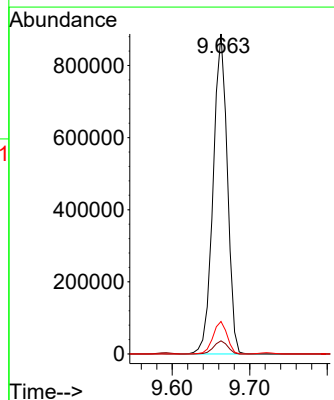
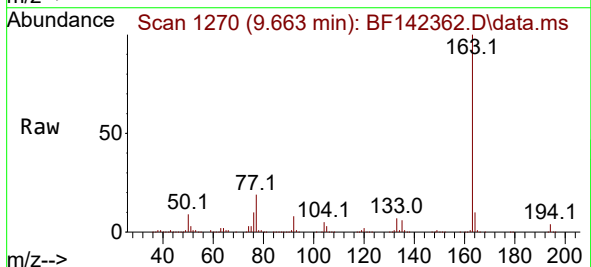


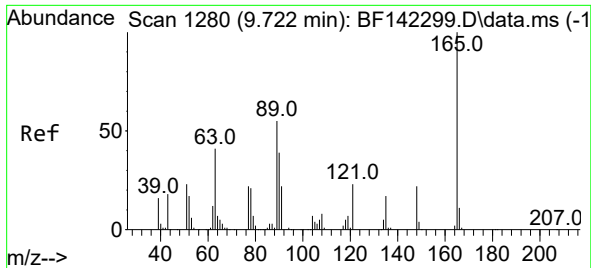
Tgt Ion:152 Resp: 1644726
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 43.102 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:163 Resp: 1128508
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.3 12.5

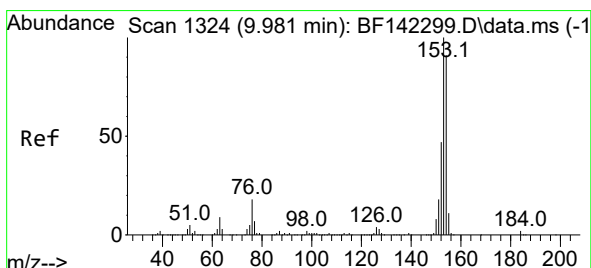
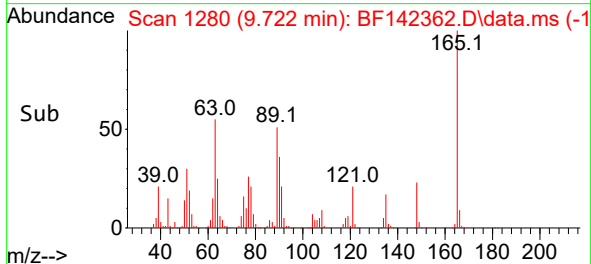
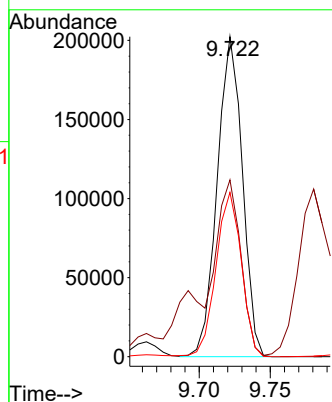
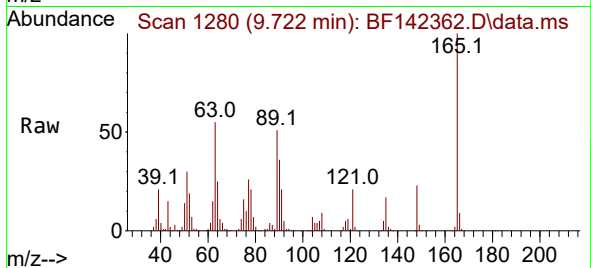




#51
2,6-Dinitrotoluene
Concen: 50.920 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

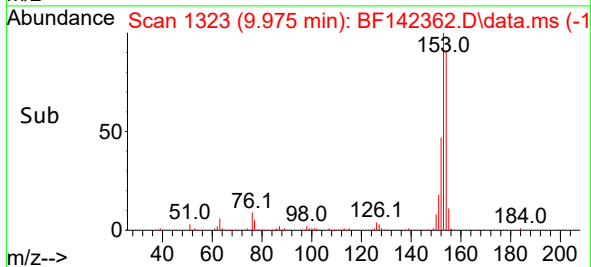
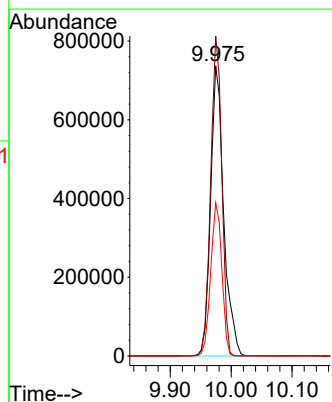
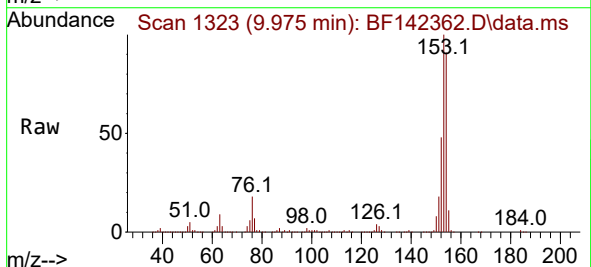
Instrument :
BNA_F
ClientSampleId :
PB167929BS

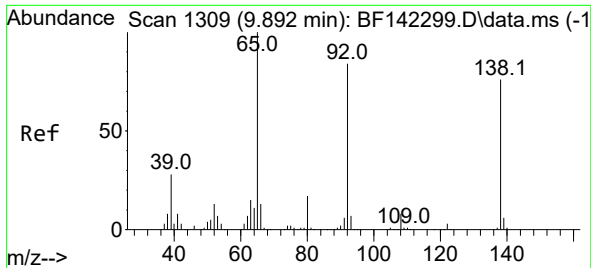
Tgt Ion:165 Resp: 249553
Ion Ratio Lower Upper
165 100
63 55.2 49.5 74.3
89 51.4 44.6 66.8



#52
Acenaphthene
Concen: 47.105 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:154 Resp: 1101613
Ion Ratio Lower Upper
154 100
153 110.3 88.0 132.0
152 52.8 41.6 62.4

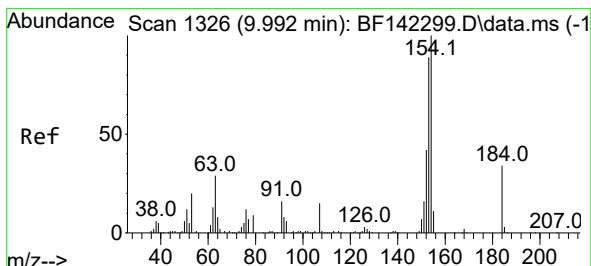
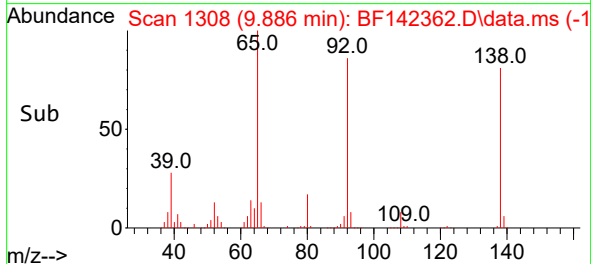
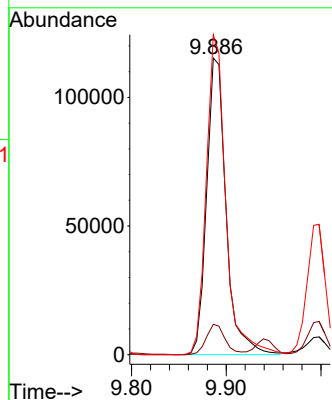
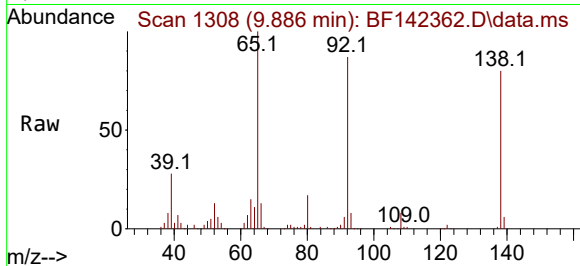




#53
3-Nitroaniline
Concen: 28.529 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

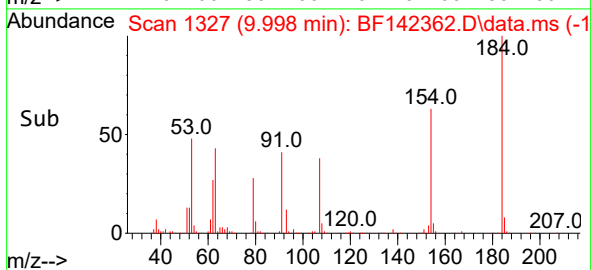
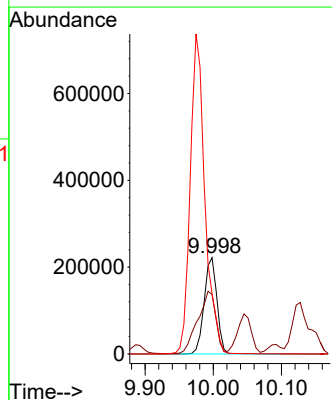
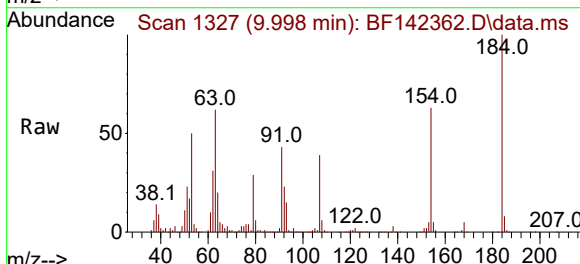
Instrument :
BNA_F
ClientSampleId :
PB167929BS

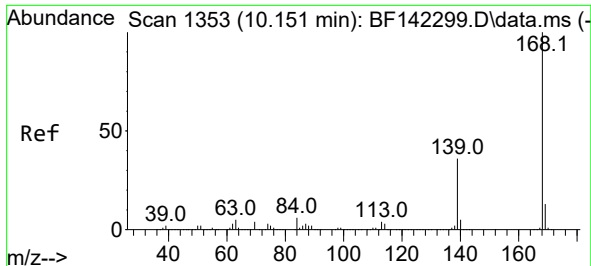
Tgt Ion:138 Resp: 163980
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 107.9 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 109.846 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:184 Resp: 289748
Ion Ratio Lower Upper
184 100
63 61.9 70.6 105.8#
154 62.8 257.2 385.8#

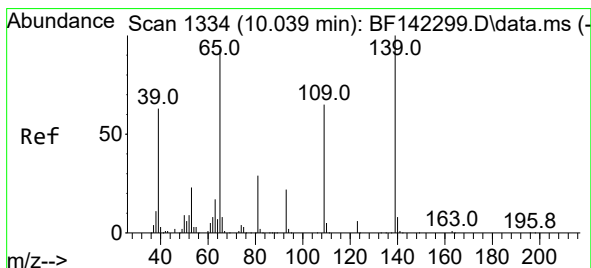
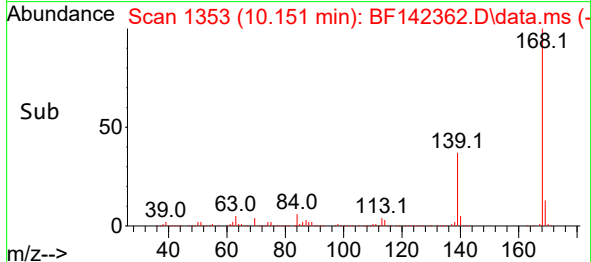
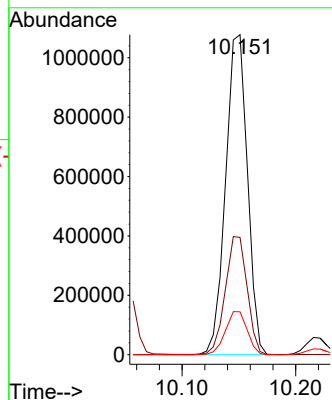
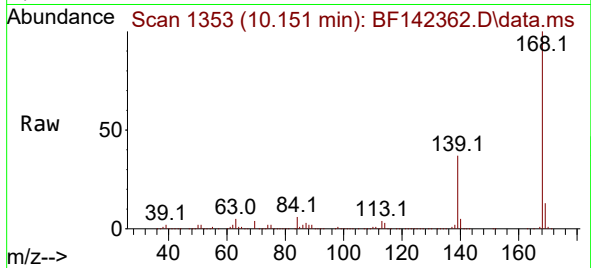




#55
Dibenzofuran
Concen: 41.609 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

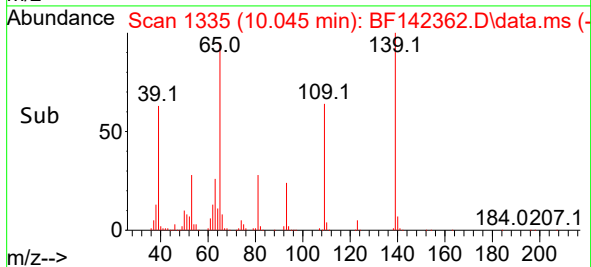
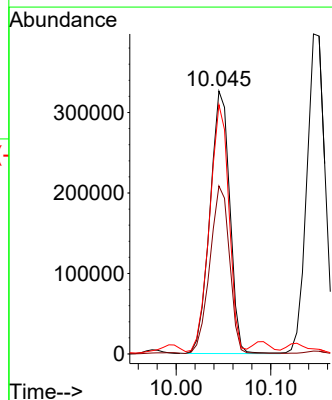
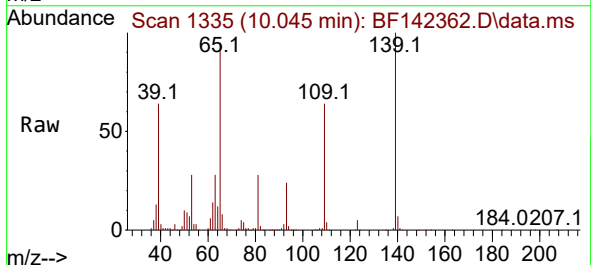
Instrument :
BNA_F
ClientSampleId :
PB167929BS

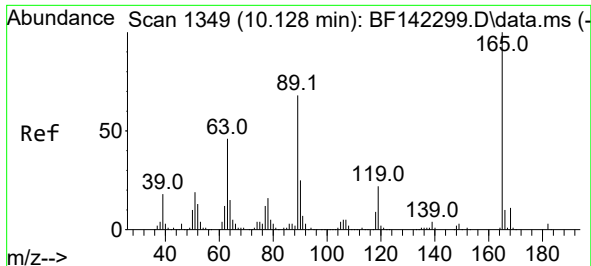
Tgt Ion:168 Resp: 1436108
Ion Ratio Lower Upper
168 100
139 36.7 29.0 43.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 109.581 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:139 Resp: 474039
Ion Ratio Lower Upper
139 100
109 63.9 45.3 85.3
65 94.8 73.9 113.9

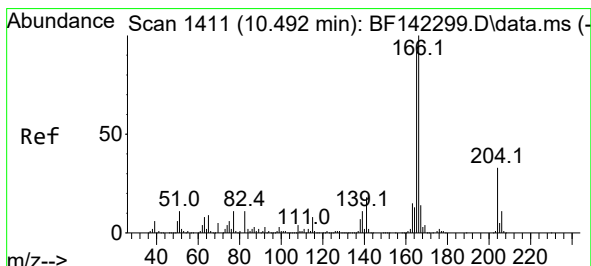
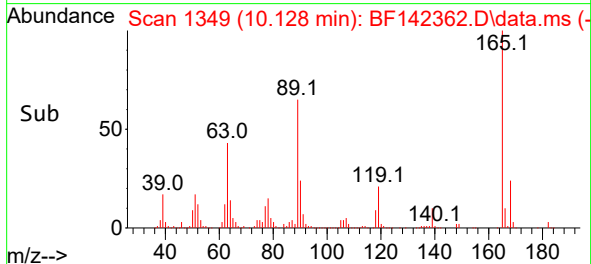
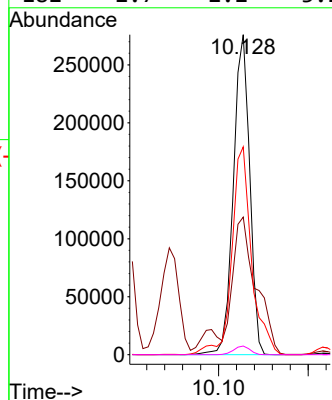
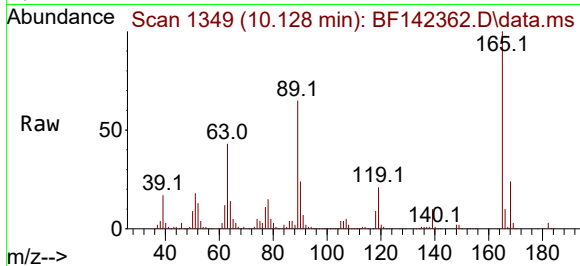




#57
2,4-Dinitrotoluene
Concen: 55.403 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

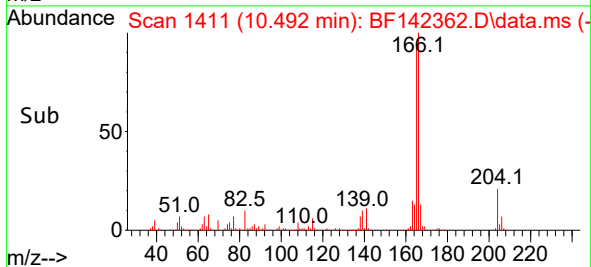
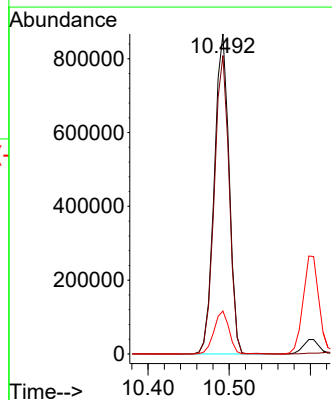
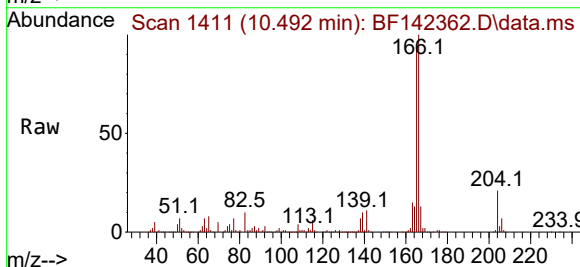
Instrument :
BNA_F
ClientSampleId :
PB167929BS

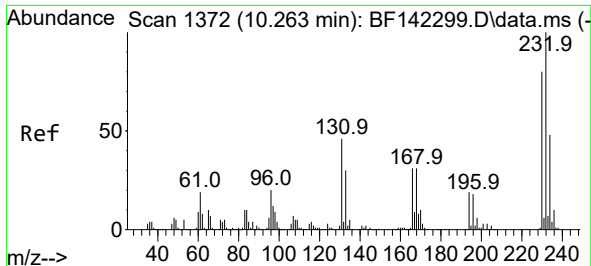
Tgt Ion:165 Resp: 348288
Ion Ratio Lower Upper
165 100
63 43.0 37.1 55.7
89 64.9 54.4 81.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.667 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:166 Resp: 1097486
Ion Ratio Lower Upper
166 100
165 93.3 74.0 111.0
167 13.4 10.9 16.3

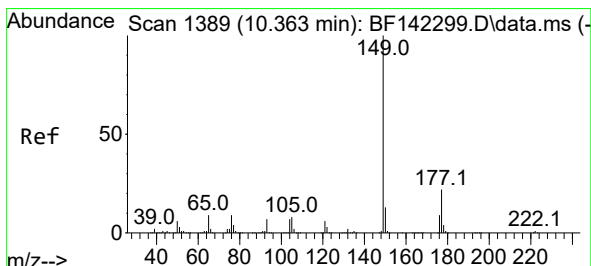
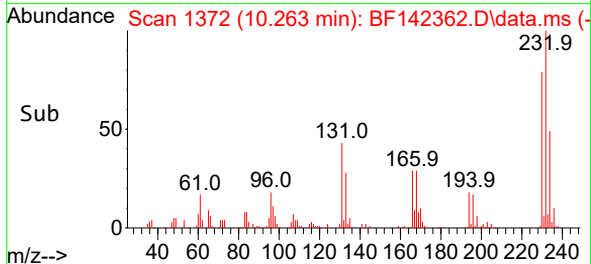
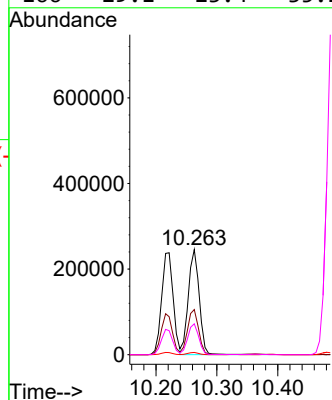
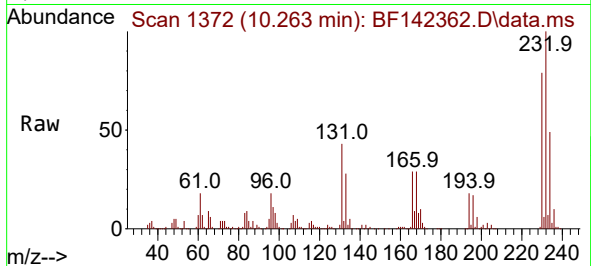




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.358 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

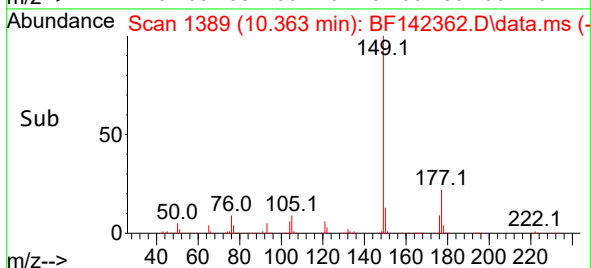
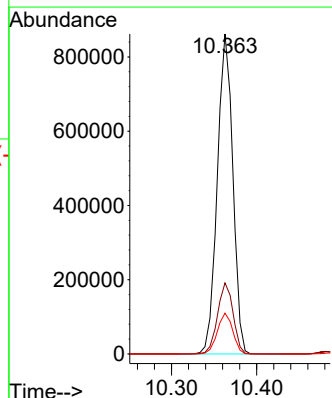
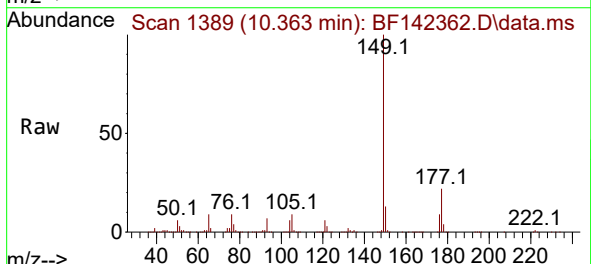
Instrument :
BNA_F
ClientSampleId :
PB167929BS

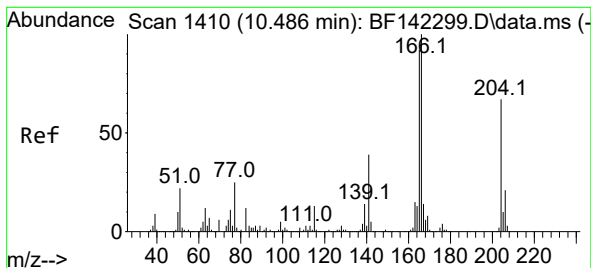
Tgt Ion:232 Resp: 305110
Ion Ratio Lower Upper
232 100
131 43.9 36.0 54.0
130 2.1 1.8 2.6
166 29.1 23.4 35.2



#60
Diethylphthalate
Concen: 41.711 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:149 Resp: 1090640
Ion Ratio Lower Upper
149 100
177 22.2 17.6 26.4
150 12.7 10.1 15.1

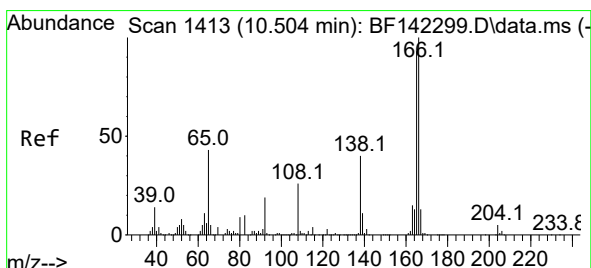
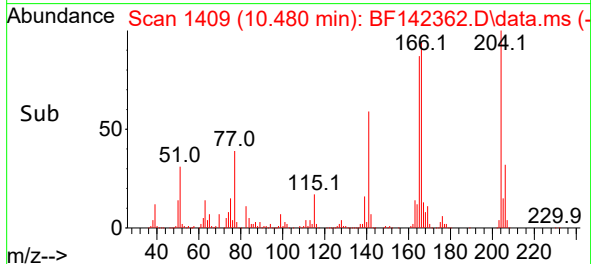
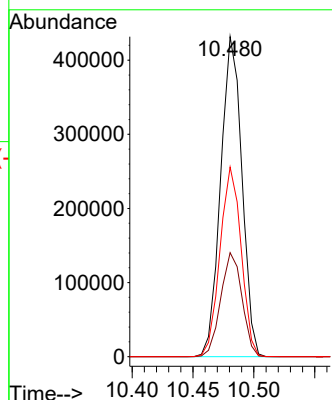
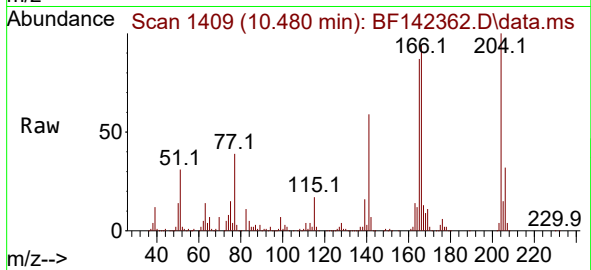




#61
4-Chlorophenyl-phenylether
Concen: 41.368 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

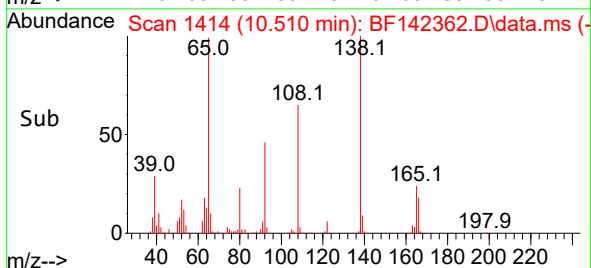
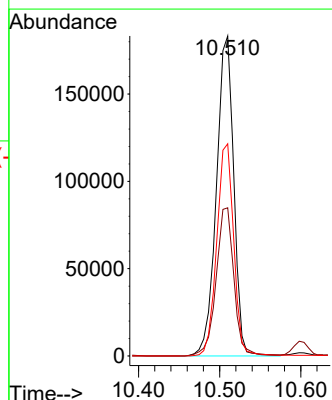
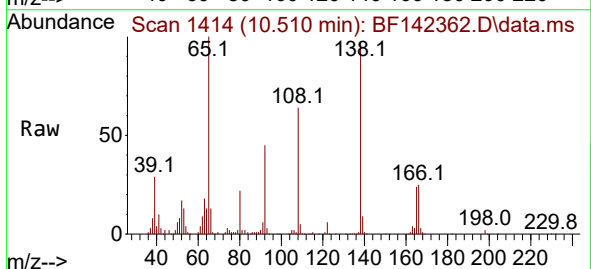
Instrument :
BNA_F
ClientSampleId :
PB167929BS

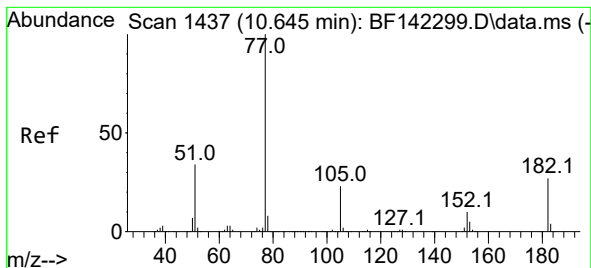
Tgt Ion:204 Resp: 525687
Ion Ratio Lower Upper
204 100
206 32.5 25.5 38.3
141 59.2 46.4 69.6



#62
4-Nitroaniline
Concen: 59.860 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:138 Resp: 272696
Ion Ratio Lower Upper
138 100
92 46.3 27.3 67.3
108 66.3 45.1 85.1





#63

Azobenzene

Concen: 41.293 ng

RT: 10.645 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

Tgt Ion: 77 Resp: 1031753

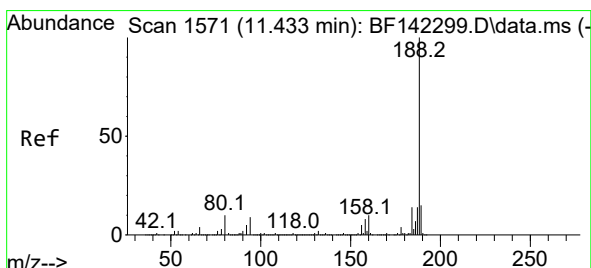
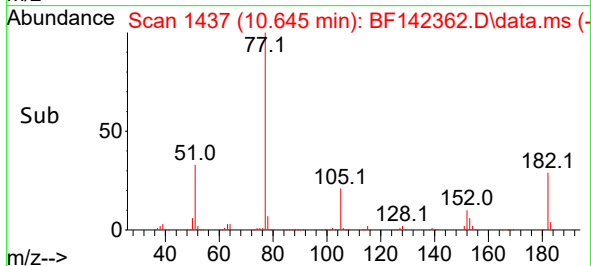
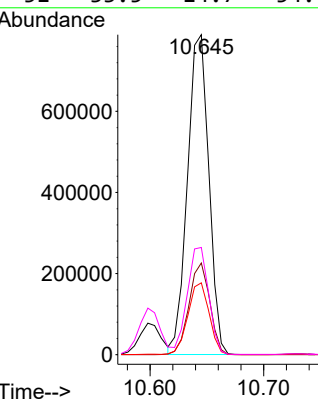
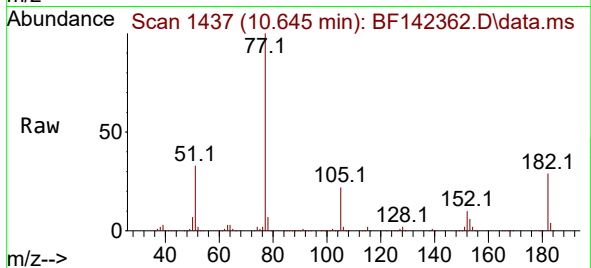
Ion Ratio Lower Upper

77 100

182 28.7 6.9 46.9

105 22.5 2.7 42.7

51 33.5 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

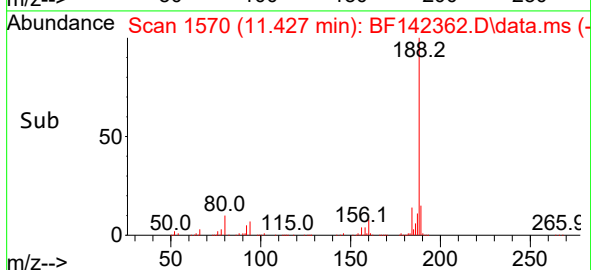
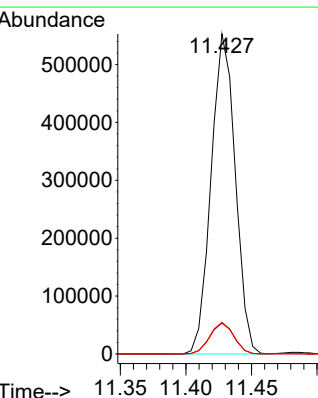
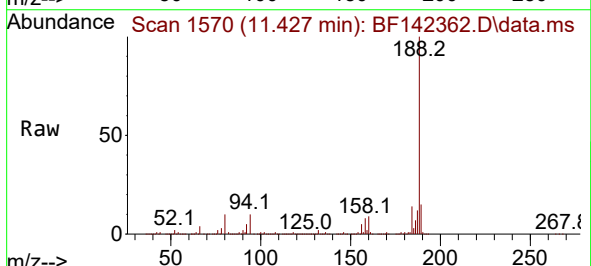
Tgt Ion:188 Resp: 708681

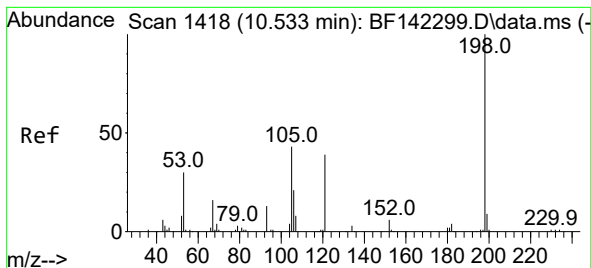
Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 9.9 7.9 11.9

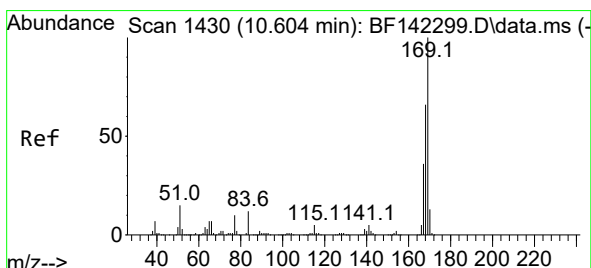
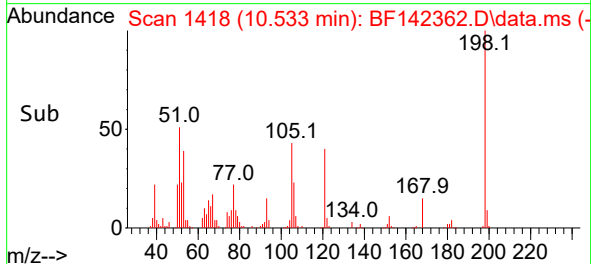
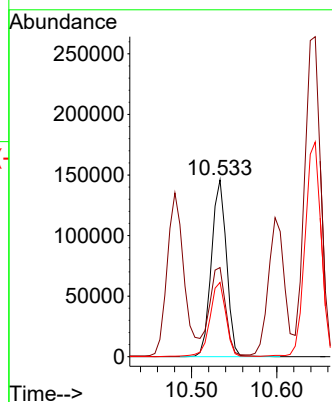
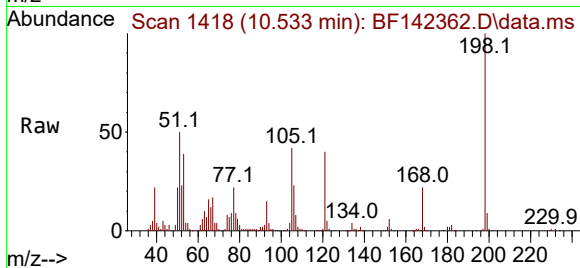




#65
4,6-Dinitro-2-methylphenol
Concen: 53.380 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

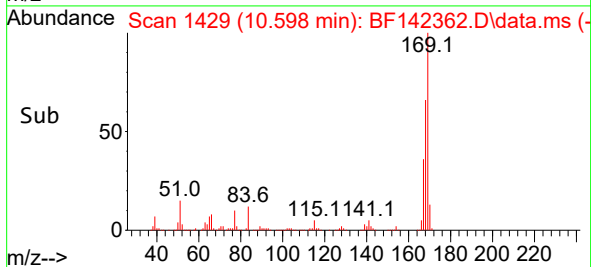
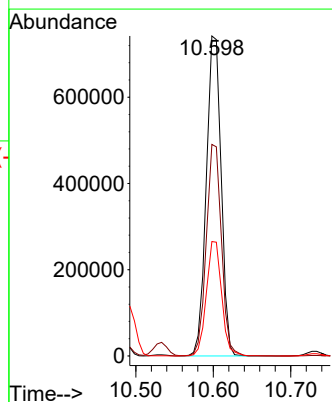
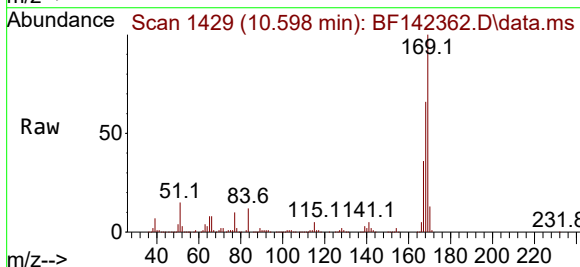
Instrument :
BNA_F
ClientSampleId :
PB167929BS

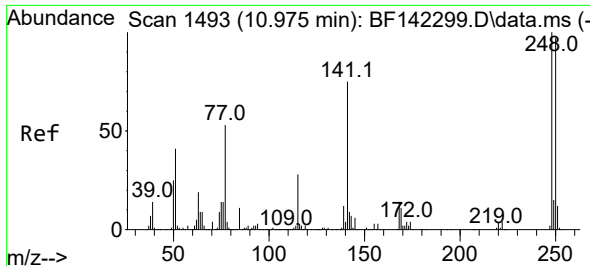
Tgt Ion:198 Resp: 179471
Ion Ratio Lower Upper
198 100
51 50.4 32.9 72.9
105 42.0 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 41.846 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:169 Resp: 986819
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.8 28.9 43.3

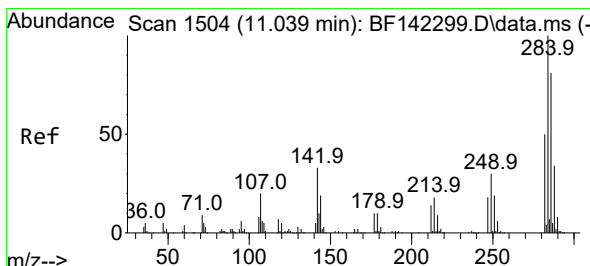
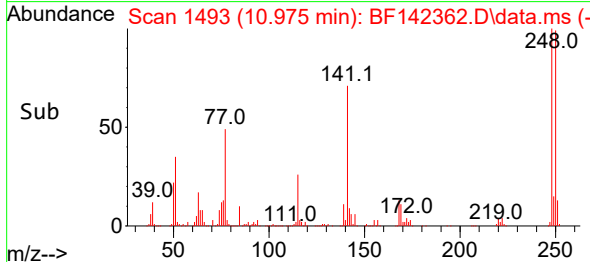
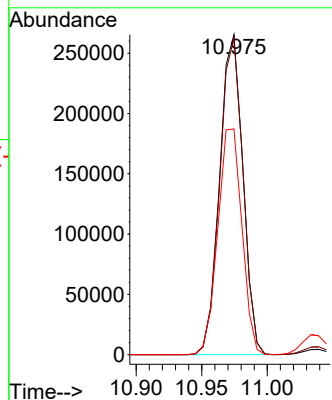
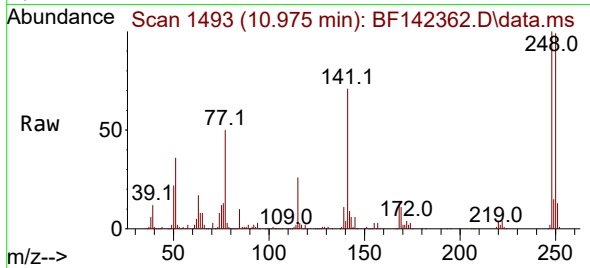




#67
4-Bromophenyl-phenylether
Concen: 40.769 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

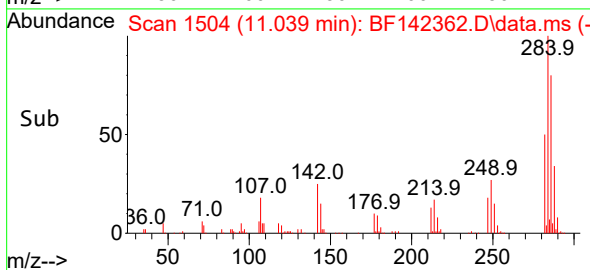
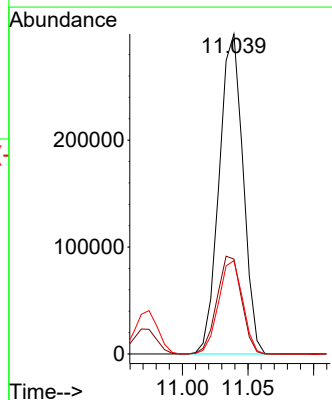
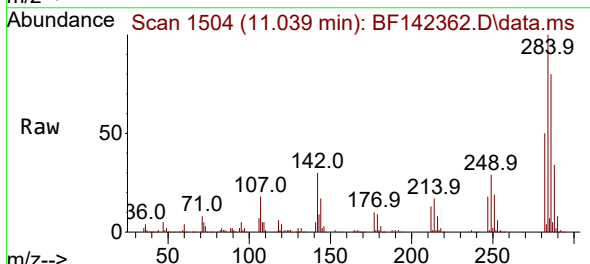
Instrument :
BNA_F
ClientSampleId :
PB167929BS

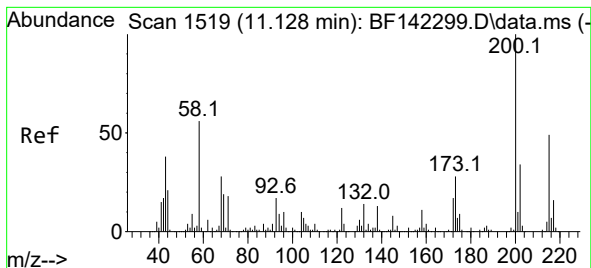
Tgt Ion:248 Resp: 327446
Ion Ratio Lower Upper
248 100
250 98.9 77.9 116.9
141 70.6 59.8 89.8



#68
Hexachlorobenzene
Concen: 42.883 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:284 Resp: 378855
Ion Ratio Lower Upper
284 100
142 29.6 26.6 39.8
249 29.2 24.1 36.1





#69

Atrazine

Concen: 47.658 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

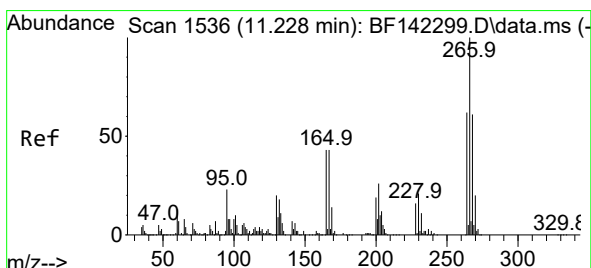
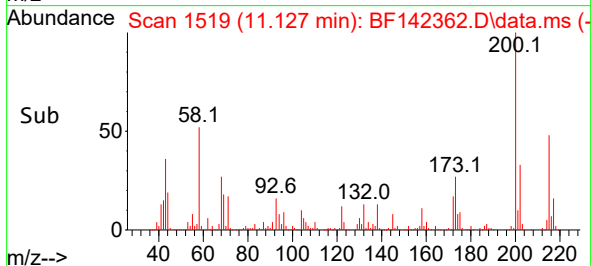
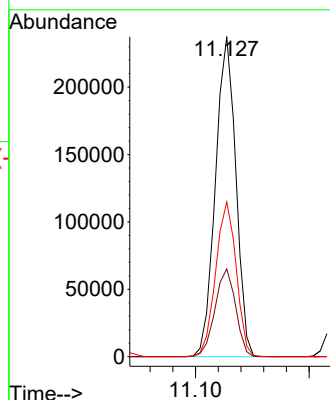
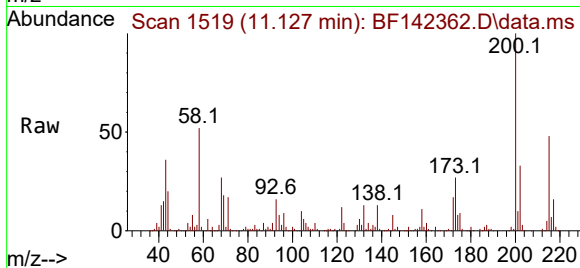
Tgt Ion:200 Resp: 296259

Ion Ratio Lower Upper

200 100

173 27.4 8.1 48.1

215 48.4 28.8 68.8



#70

Pentachlorophenol

Concen: 103.188 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

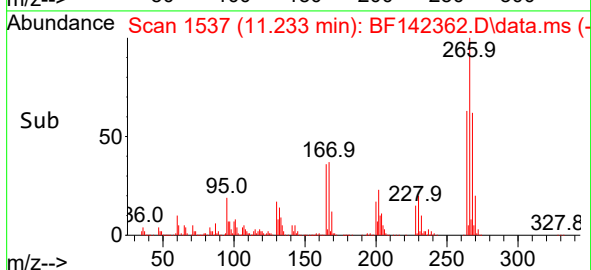
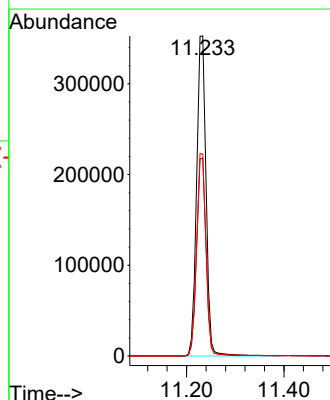
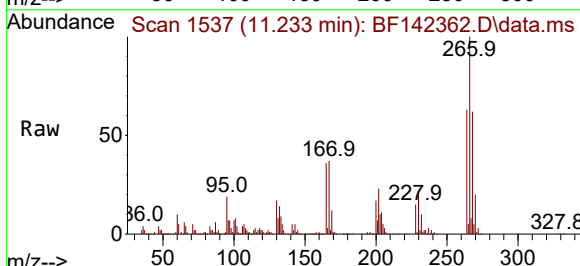
Tgt Ion:266 Resp: 479585

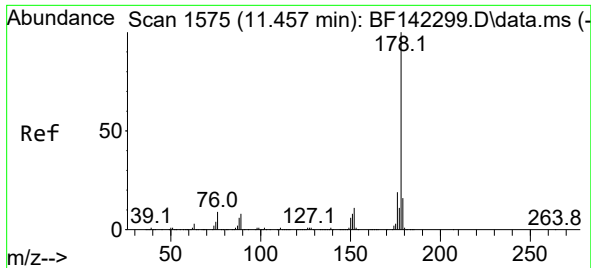
Ion Ratio Lower Upper

266 100

268 61.8 48.7 73.1

264 63.1 49.8 74.6

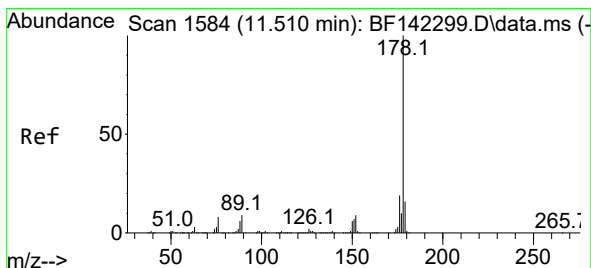
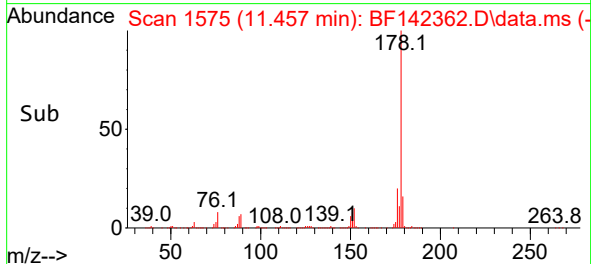
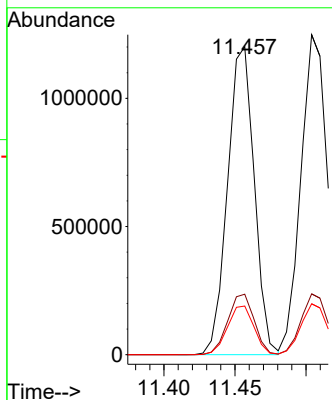
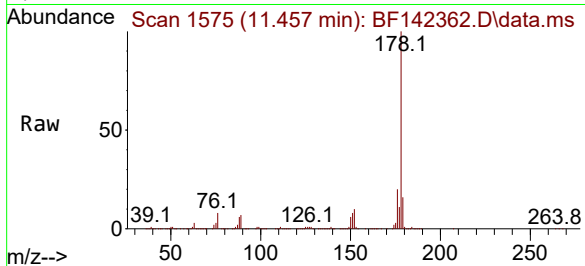




#71
Phenanthrene
Concen: 42.217 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

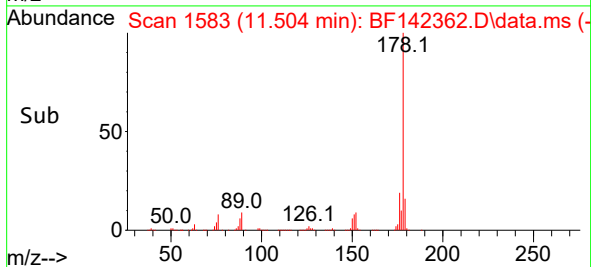
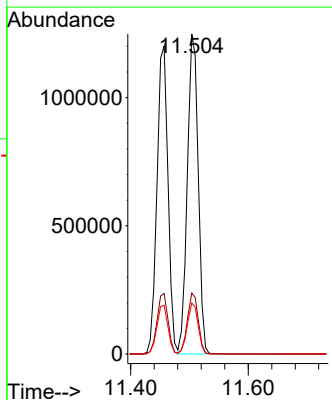
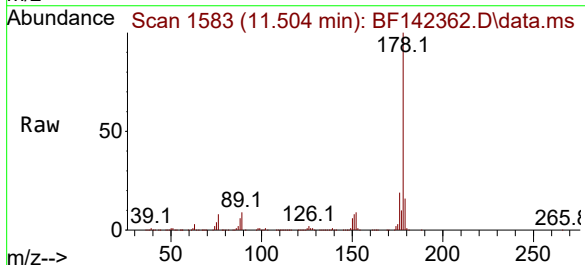
Instrument :
BNA_F
ClientSampleId :
PB167929BS

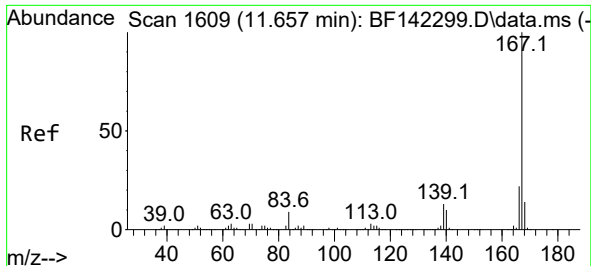
Tgt Ion:178 Resp: 1568241
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.8 12.6 18.8



#72
Anthracene
Concen: 42.182 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:178 Resp: 1610050
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.9 12.6 18.8

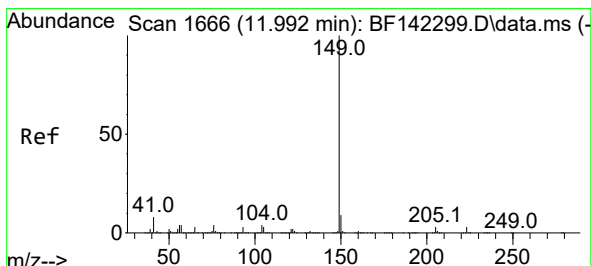
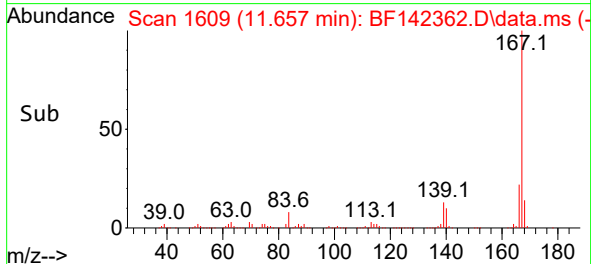
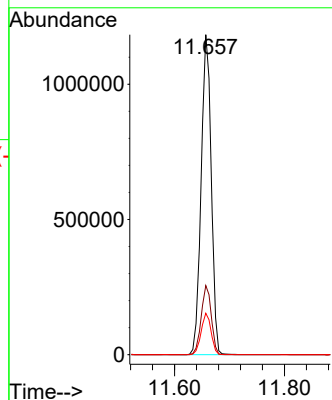
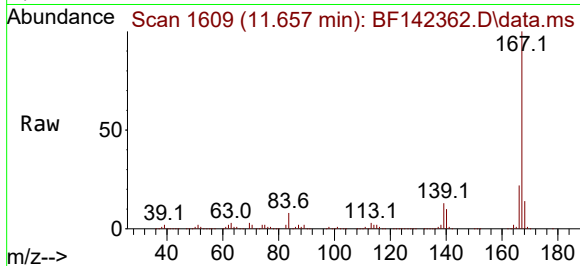




#73
 Carbazole
 Concen: 44.228 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142362.D
 Acq: 14 May 2025 13:20

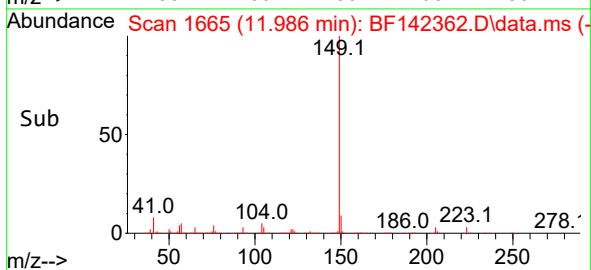
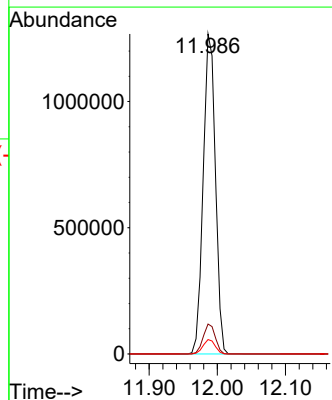
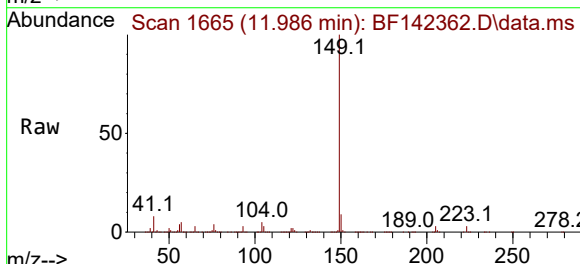
Instrument :
 BNA_F
 ClientSampleId :
 PB167929BS

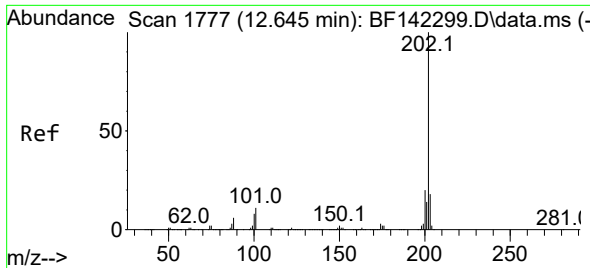
Tgt Ion:167 Resp: 1514545
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.9 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 43.892 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142362.D
 Acq: 14 May 2025 13:20

Tgt Ion:149 Resp: 1580474
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.5 3.6 5.4

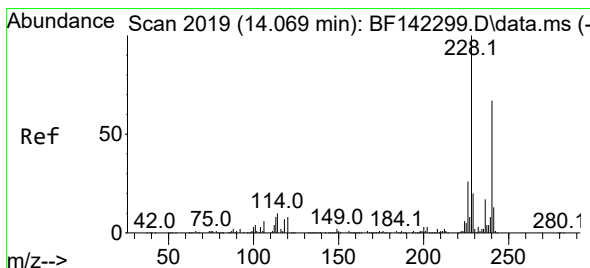
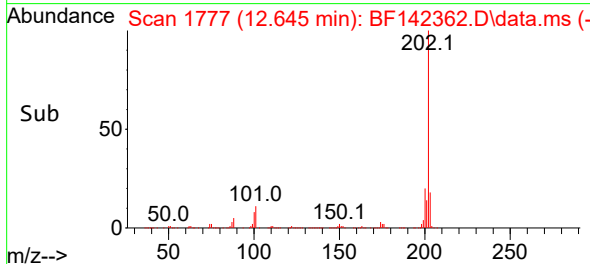
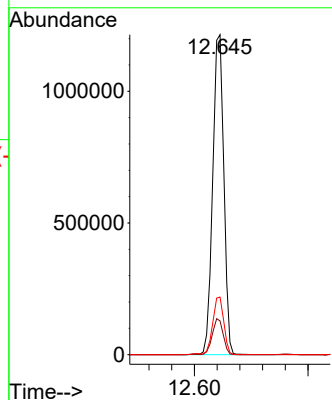
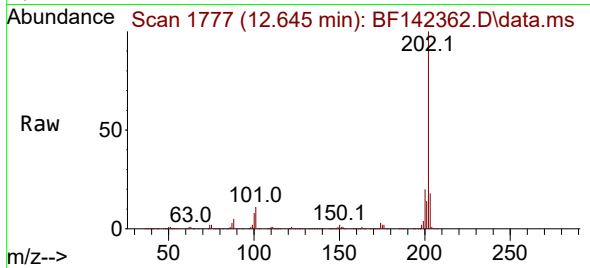




#75
Fluoranthene
Concen: 44.279 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

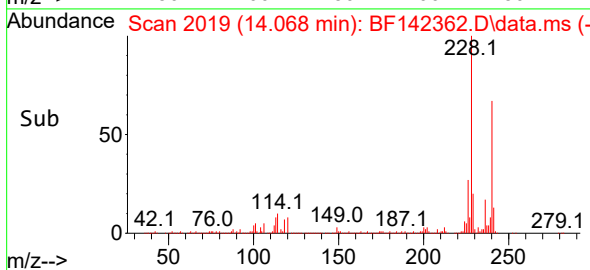
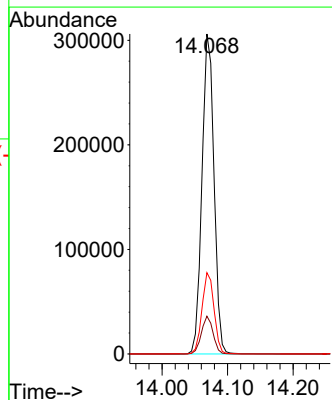
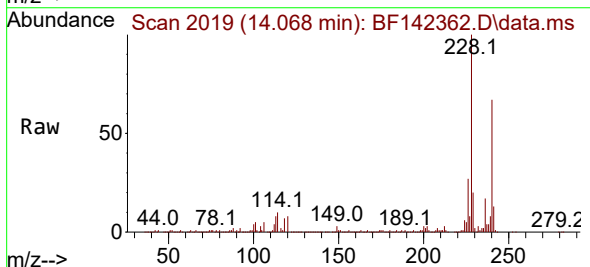
Instrument :
BNA_F
ClientSampleId :
PB167929BS

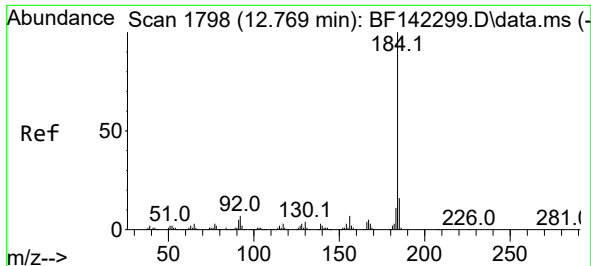
Tgt Ion:202 Resp: 1644211
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 18.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:240 Resp: 391405
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 25.4 20.0 30.0

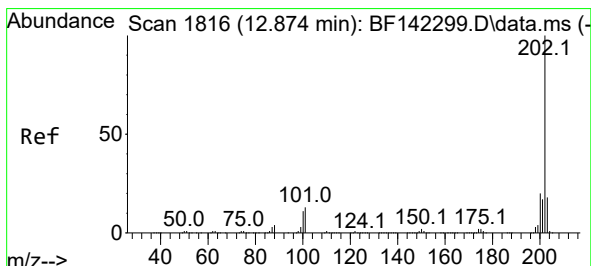
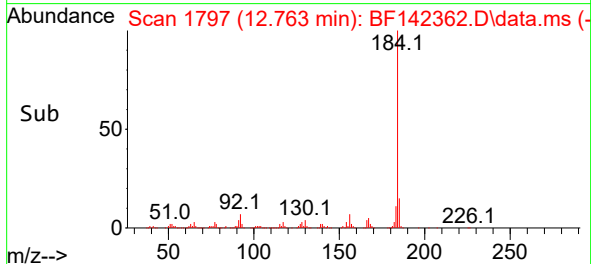
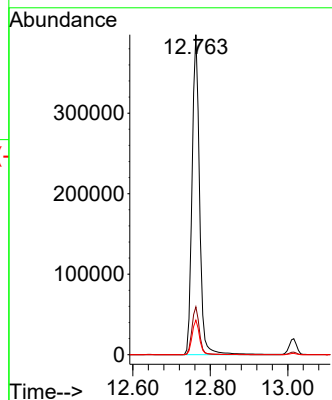
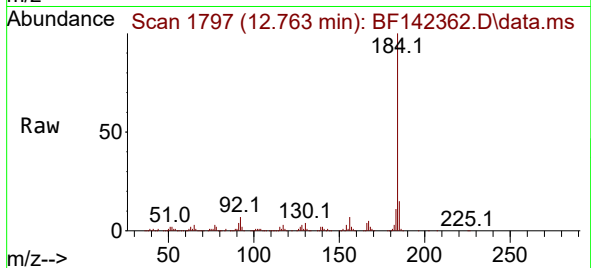




#77
Benzidine
Concen: 75.057 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

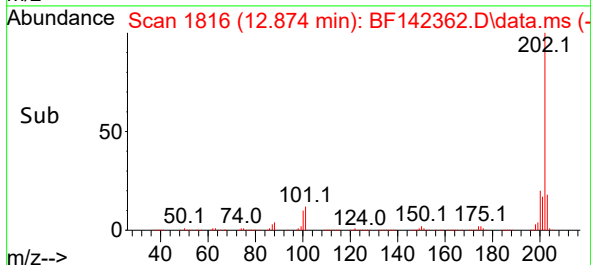
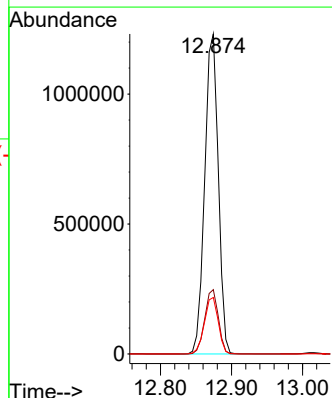
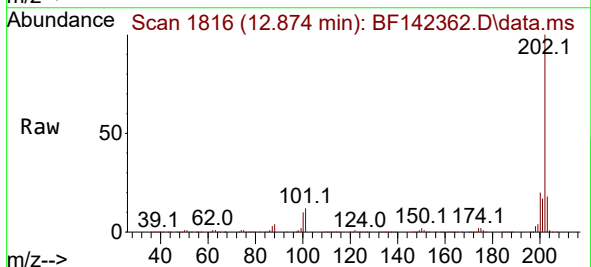
Instrument :
BNA_F
ClientSampleId :
PB167929BS

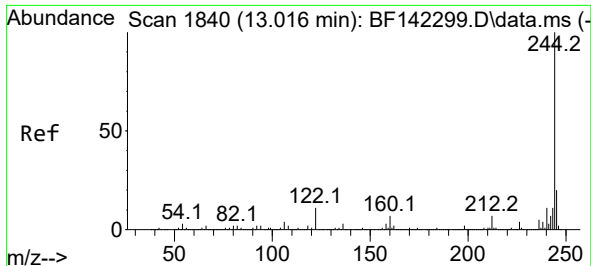
Tgt Ion:184 Resp: 533876
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 10.8 8.6 12.8



#78
Pyrene
Concen: 47.053 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:202 Resp: 1639279
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.4
203 17.6 14.3 21.5

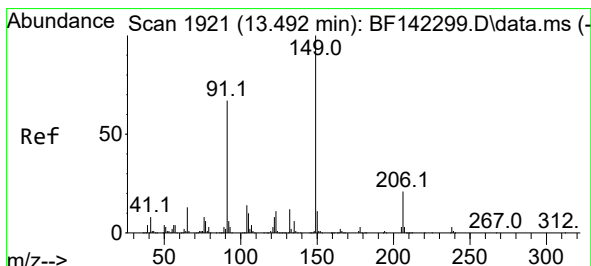
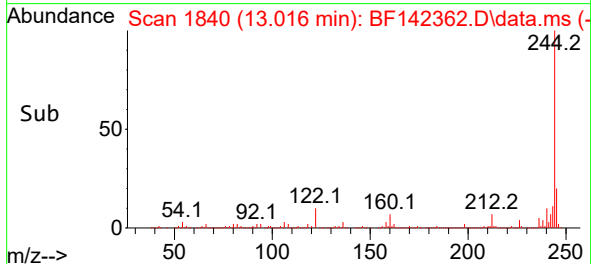
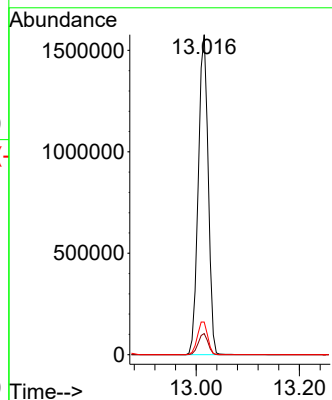
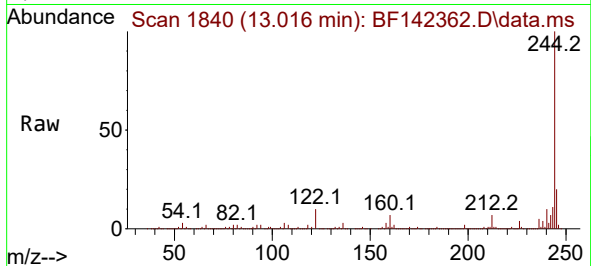




#79
 Terphenyl-d14
 Concen: 79.060 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142362.D
 Acq: 14 May 2025 13:20

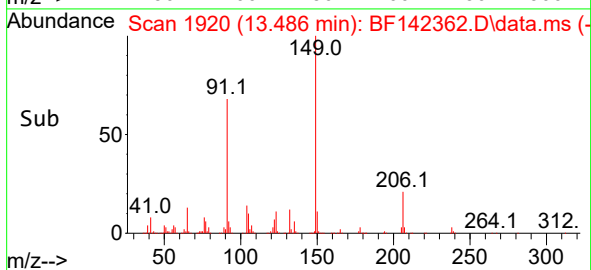
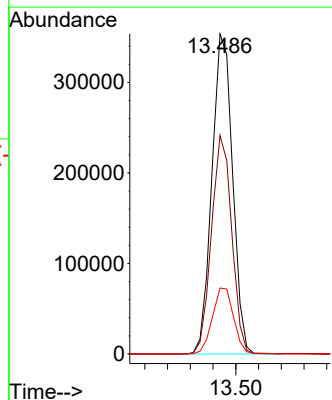
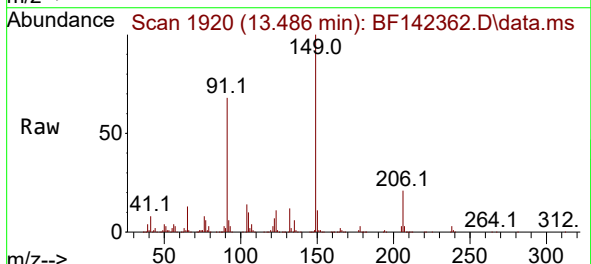
Instrument :
 BNA_F
 ClientSampleId :
 PB167929BS

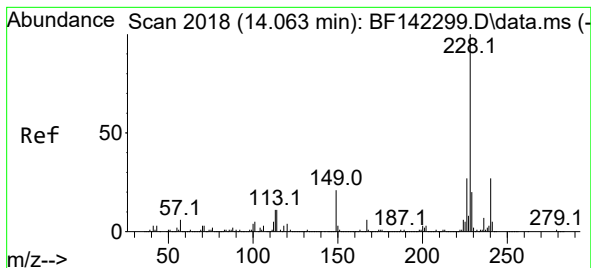
Tgt Ion:244 Resp: 2090686
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 44.216 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142362.D
 Acq: 14 May 2025 13:20

Tgt Ion:149 Resp: 446380
 Ion Ratio Lower Upper
 149 100
 91 68.3 53.8 80.6
 206 20.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 46.103 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

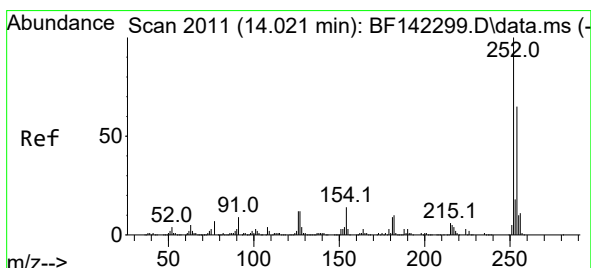
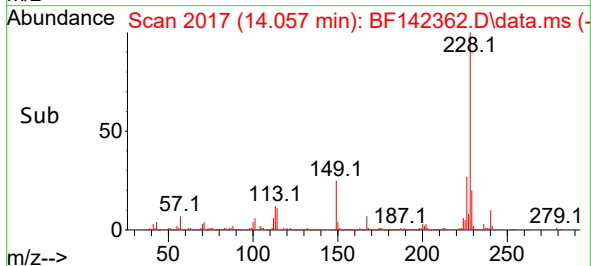
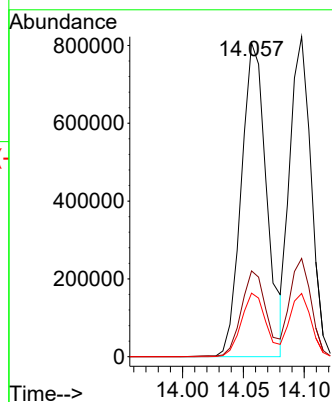
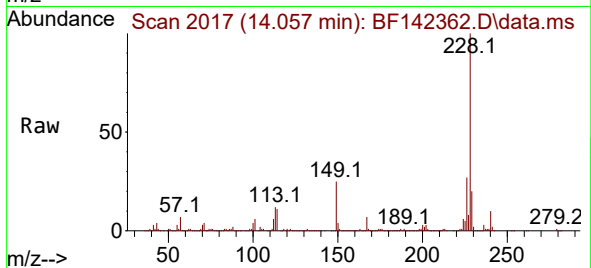
Tgt Ion:228 Resp: 1168608

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 20.3 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 29.342 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

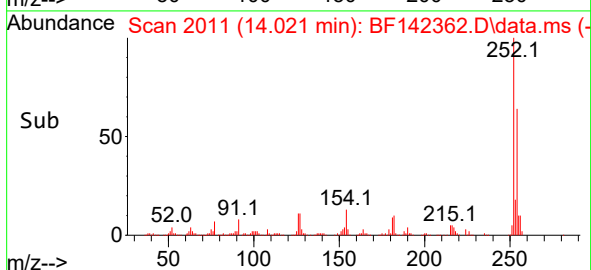
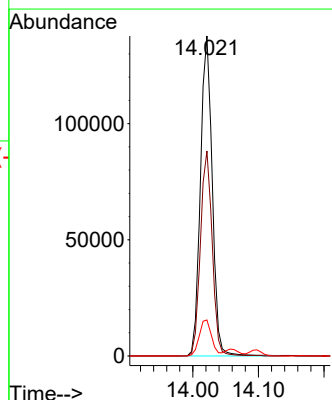
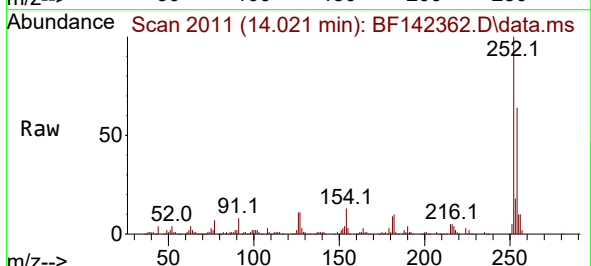
Tgt Ion:252 Resp: 172962

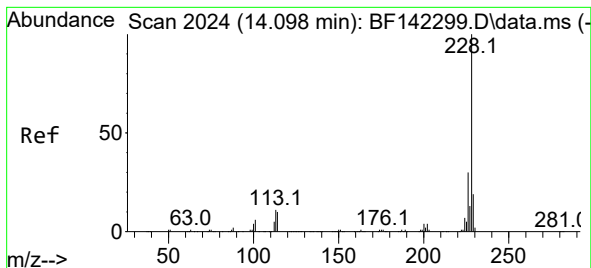
Ion Ratio Lower Upper

252 100

254 64.1 52.0 78.0

126 11.3 9.7 14.5





#83

Chrysene

Concen: 42.415 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

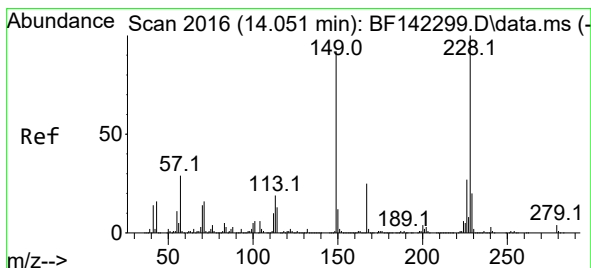
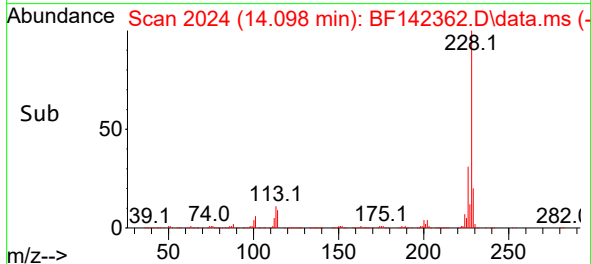
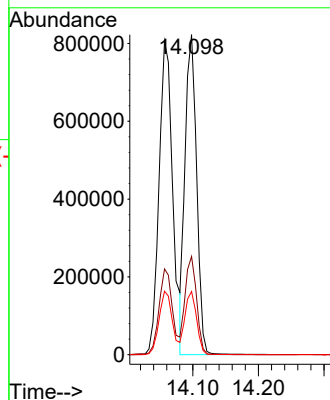
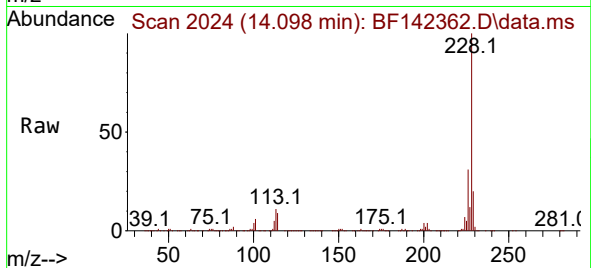
Tgt Ion:228 Resp: 1000876

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.046 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

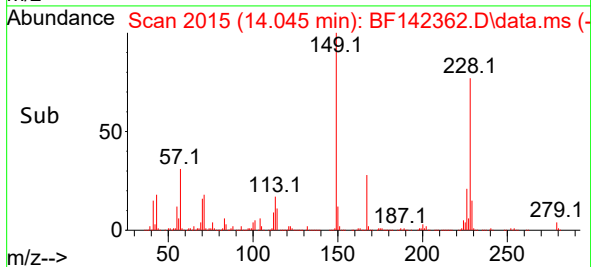
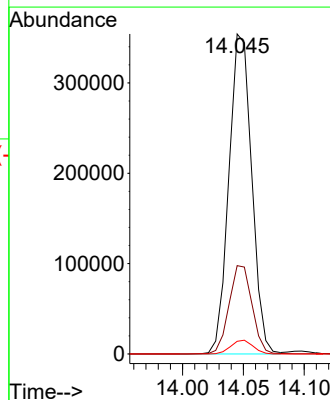
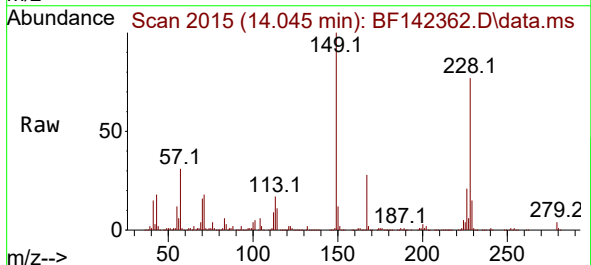
Tgt Ion:149 Resp: 461932

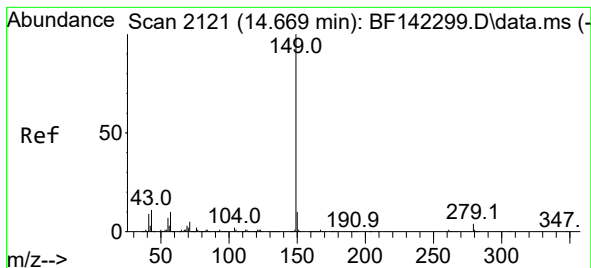
Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 37.428 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB167929BS

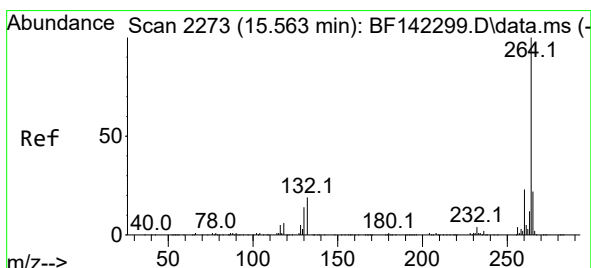
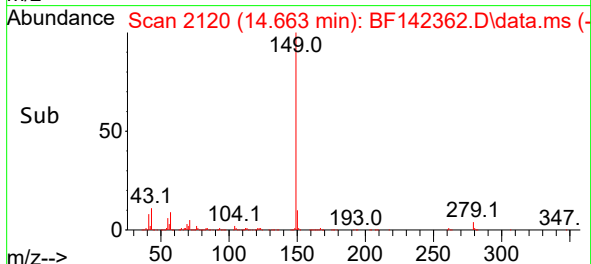
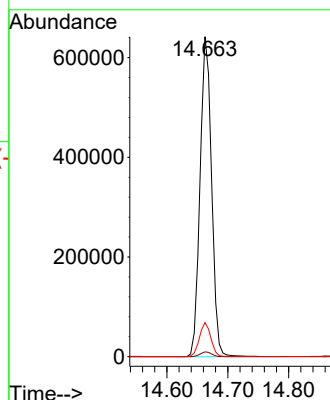
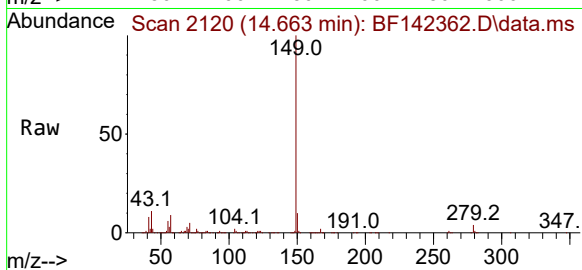
Tgt Ion:149 Resp: 844224

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.5 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142362.D

Acq: 14 May 2025 13:20

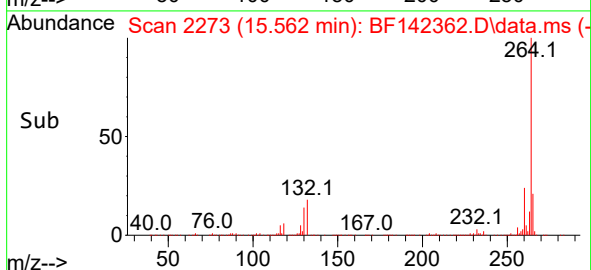
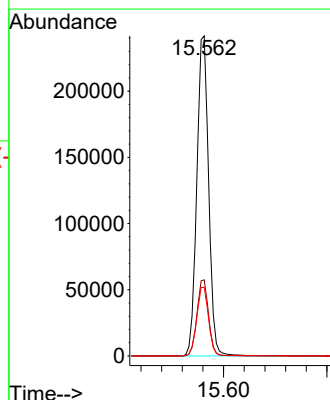
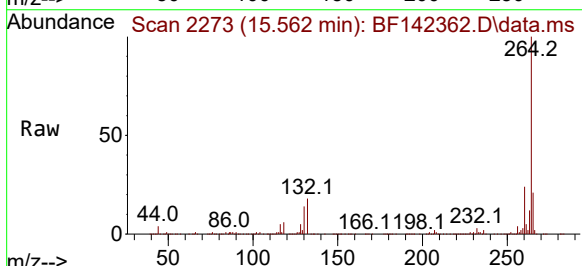
Tgt Ion:264 Resp: 383509

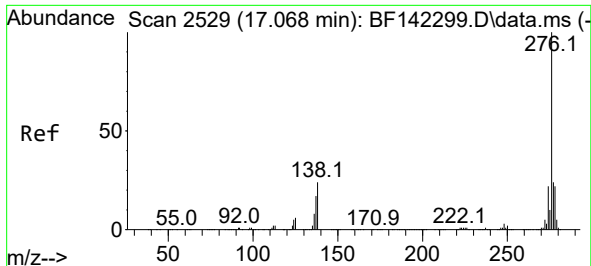
Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.4 17.5 26.3

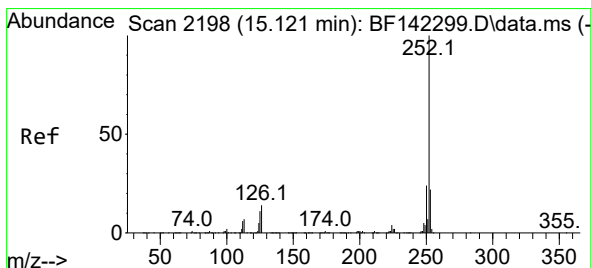
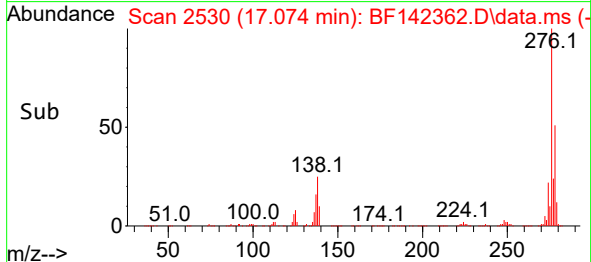
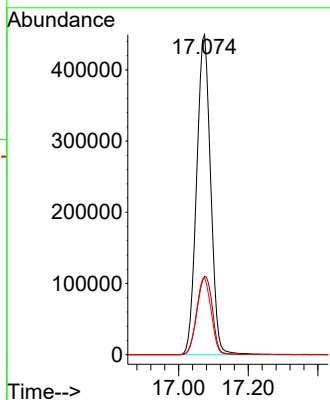
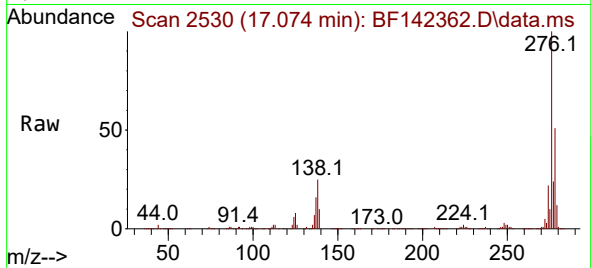




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.131 ng
 RT: 17.074 min Scan# 21530
 Delta R.T. 0.006 min
 Lab File: BF142362.D
 Acq: 14 May 2025 13:20

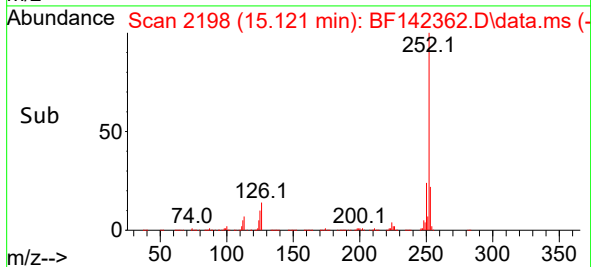
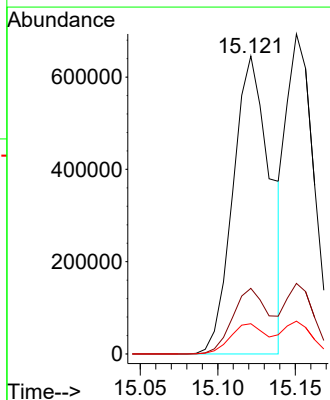
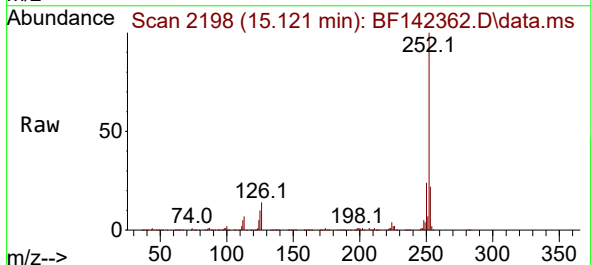
Instrument :
 BNA_F
 ClientSampleId :
 PB167929BS

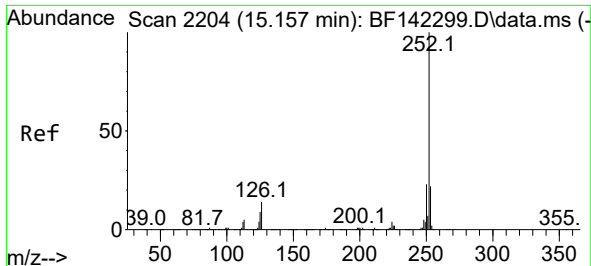
Tgt Ion:276 Resp: 1257366
 Ion Ratio Lower Upper
 276 100
 138 27.0 22.0 33.0
 277 24.9 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 46.563 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142362.D
 Acq: 14 May 2025 13:20

Tgt Ion:252 Resp: 1081551
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 10.2 8.7 13.1

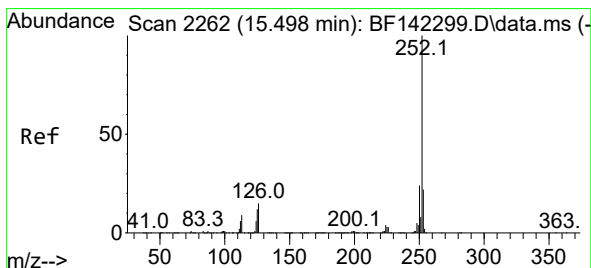
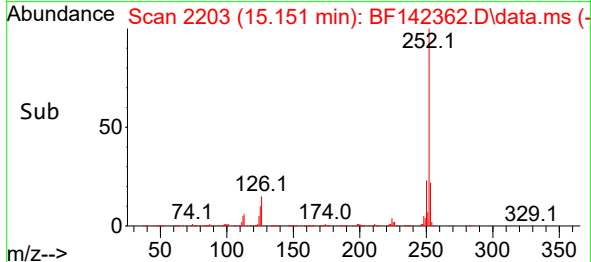
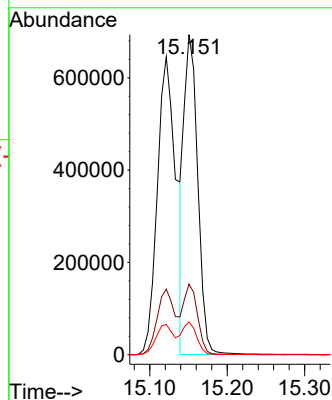
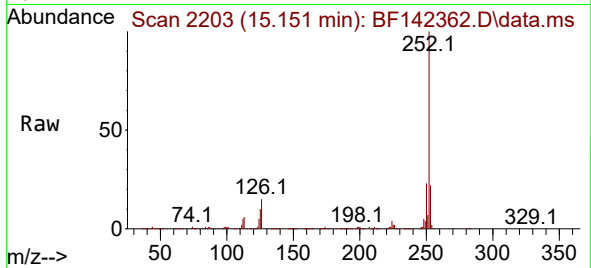




#89
Benzo(k)fluoranthene
Concen: 40.354 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

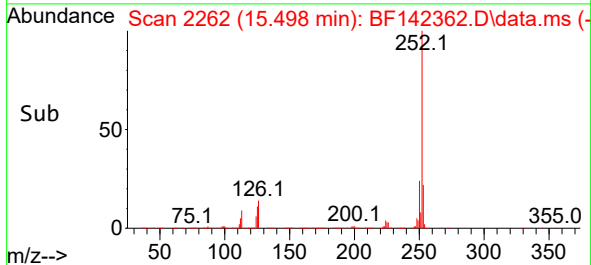
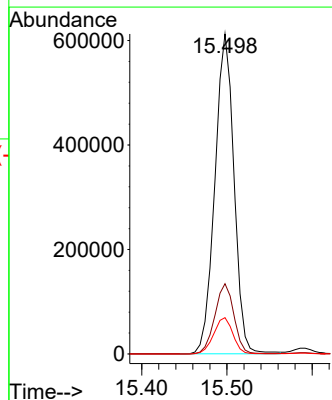
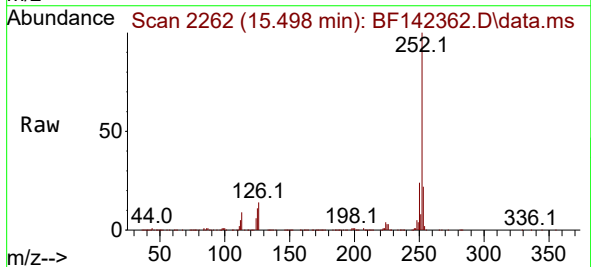
Instrument :
BNA_F
ClientSampleId :
PB167929BS

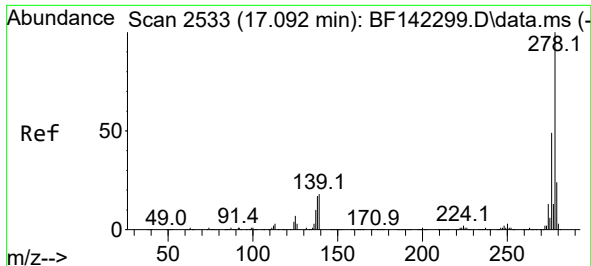
Tgt Ion:252 Resp: 857760
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.3 8.1 12.1



#90
Benzo(a)pyrene
Concen: 45.909 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:252 Resp: 955566
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.3 9.4 14.0

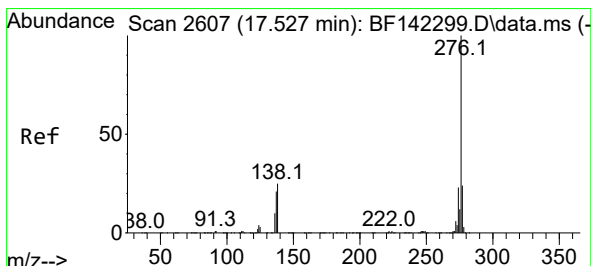
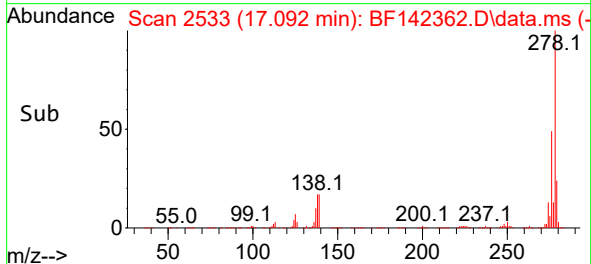
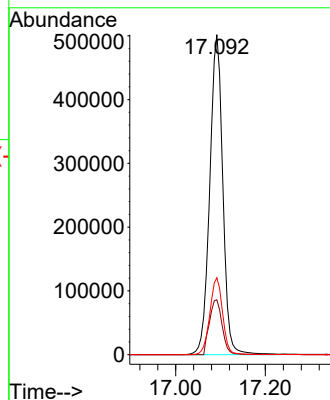
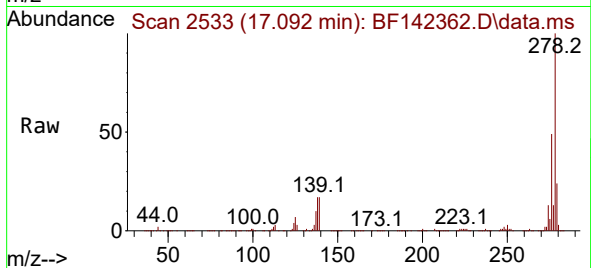




#91
Dibenzo(a,h)anthracene
Concen: 46.017 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Instrument :
BNA_F
ClientSampleId :
PB167929BS

Tgt Ion:278 Resp: 1014217
Ion Ratio Lower Upper
278 100
139 17.2 14.5 21.7
279 24.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 47.366 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142362.D
Acq: 14 May 2025 13:20

Tgt Ion:276 Resp: 1036119
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 22.8 19.8 29.6

