

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142563.D
 Acq On : 27 May 2025 15:52
 Operator : RC/JU
 Sample : Q2127-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Quant Time: May 27 16:32:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	111440	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	410324	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	201286	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	296785	20.000	ng	0.00
76) Chrysene-d12	14.074	240	241729	20.000	ng	0.00
86) Perylene-d12	15.569	264	177291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	614130	92.845	ng	0.00
7) Phenol-d6	6.528	99	762597	95.775	ng	0.00
23) Nitrobenzene-d5	7.463	82	463970	61.658	ng	-0.01
42) 2,4,6-Tribromophenol	10.734	330	187822	84.074	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	849790	56.651	ng	-0.01
79) Terphenyl-d14	13.010	244	759537	42.938	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.711	88	93955	35.496	ng	99
3) Pyridine	3.475	79	259792	38.542	ng	99
4) n-Nitrosodimethylamine	3.428	42	139642	39.900	ng	93
6) Aniline	6.557	93	210515	19.663	ng	# 90
8) 2-Chlorophenol	6.681	128	296219	41.115	ng	99
9) Benzaldehyde	6.446	77	170015	35.500	ng	99
10) Phenol	6.540	94	351806	39.267	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	270369	41.922	ng	100
12) 1,3-Dichlorobenzene	6.840	146	315463	39.239	ng	98
13) 1,4-Dichlorobenzene	6.916	146	324150	40.027	ng	99
14) 1,2-Dichlorobenzene	7.069	146	310639	40.088	ng	98
15) Benzyl Alcohol	7.040	79	241145	40.982	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	441514	40.765	ng	96
17) 2-Methylphenol	7.151	107	228884	40.690	ng	100
18) Hexachloroethane	7.410	117	111590	39.462	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	194863	39.488	ng	99
20) 3+4-Methylphenols	7.304	107	287075	39.853	ng	93
22) Acetophenone	7.304	105	383589	42.230	ng	96
24) Nitrobenzene	7.481	77	284973	41.989	ng	98
25) Isophorone	7.722	82	521909	41.483	ng	99
26) 2-Nitrophenol	7.798	139	159319	43.933	ng	96
27) 2,4-Dimethylphenol	7.834	122	273542	42.773	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	332989	42.370	ng	100
29) 2,4-Dichlorophenol	8.040	162	242863	41.758	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	261182	41.379	ng	97
31) Naphthalene	8.204	128	1289401	63.819	ng	99
32) Benzoic acid	7.945	122	172521	44.317	ng	99
33) 4-Chloroaniline	8.251	127	55772	6.812	ng	99
34) Hexachlorobutadiene	8.322	225	163145	41.395	ng	99
35) Caprolactam	8.622	113	77446	47.413	ng	94
36) 4-Chloro-3-methylphenol	8.734	107	236593	39.694	ng	97
37) 2-Methylnaphthalene	8.898	142	728988	57.352	ng	99
38) 1-Methylnaphthalene	8.998	142	678387	51.597	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	253864	43.936	ng	98
41) Hexachlorocyclopentadiene	9.045	237	140691	36.095	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	169484	43.499	ng	97

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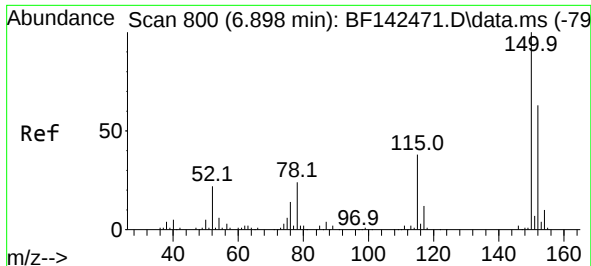
Quant Time: May 27 16:32:26 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	174471	42.459	ng	99
46) 1,1'-Biphenyl	9.363	154	743409	47.605	ng	99
47) 2-Chloronaphthalene	9.387	162	488604	42.348	ng	99
48) 2-Nitroaniline	9.481	65	143794	43.118	ng	99
49) Acenaphthylene	9.804	152	857604	44.019	ng	99
50) Dimethylphthalate	9.657	163	595869	44.864	ng	100
51) 2,6-Dinitrotoluene	9.722	165	122869	42.863	ng	99
52) Acenaphthene	9.975	154	678082	56.999	ng	100
53) 3-Nitroaniline	9.887	138	77550	24.769	ng	99
54) 2,4-Dinitrophenol	9.998	184	92220	62.270	ng	94
55) Dibenzofuran	10.145	168	817316	47.743	ng	99
56) 4-Nitrophenol	10.051	139	188194	81.463	ng	99
57) 2,4-Dinitrotoluene	10.128	165	162376	43.374	ng	99
58) Fluorene	10.492	166	681105	51.500	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	133889m	39.030	ng	
60) Diethylphthalate	10.357	149	575732	44.385	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	261713	40.283	ng	98
62) 4-Nitroaniline	10.504	138	99424	35.013	ng	99
63) Azobenzene	10.639	77	536589	46.056	ng	94
65) 4,6-Dinitro-2-methylph...	10.534	198	60257	36.381	ng	94
66) n-Nitrosodiphenylamine	10.598	169	467551	46.048	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	156512	44.600	ng	98
68) Hexachlorobenzene	11.039	284	160494	41.350	ng	99
69) Atrazine	11.128	200	142171	52.724	ng	100
70) Pentachlorophenol	11.233	266	191004	87.163	ng	99
71) Phenanthrene	11.457	178	1383509	87.228	ng	99
72) Anthracene	11.504	178	840964	51.952	ng	99
73) Carbazole	11.657	167	711553	51.419	ng	100
74) Di-n-butylphthalate	11.986	149	830102	54.802	ng	100
75) Fluoranthene	12.645	202	1378138	92.990	ng	98
77) Benzidine	12.763	184	325816	36.220	ng	99
78) Pyrene	12.875	202	1452091	64.395	ng	98
80) Butylbenzylphthalate	13.486	149	339970	54.562	ng	98
81) Benzo(a)anthracene	14.063	228	1121110	69.455	ng	95
82) 3,3'-Dichlorobenzidine	14.027	252	87926	17.959	ng	99
83) Chrysene	14.104	228	924975	63.773	ng	97
84) Bis(2-ethylhexyl)phtha...	14.045	149	518973	65.063	ng	99
85) Di-n-octyl phthalate	14.663	149	843652	54.092	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	555984	41.772	ng	100
88) Benzo(b)fluoranthene	15.133	252	777907	74.136	ng	97
89) Benzo(k)fluoranthene	15.163	252	584296m	59.453	ng	
90) Benzo(a)pyrene	15.510	252	644114	65.124	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	395847	36.670	ng	99
92) Benzo(g,h,i)perylene	17.545	276	469894	43.520	ng	98

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

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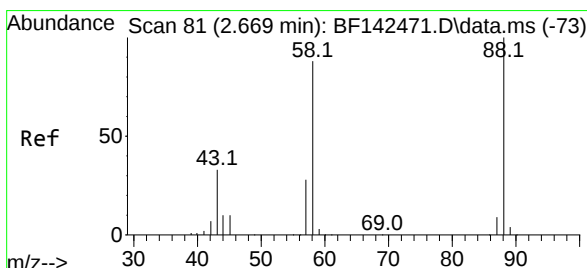
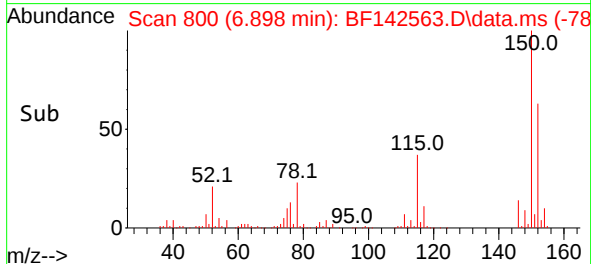
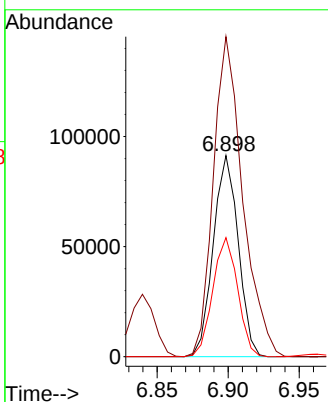
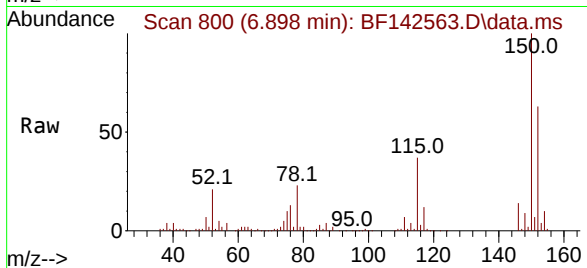




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142563.D
 Acq: 27 May 2025 15:52

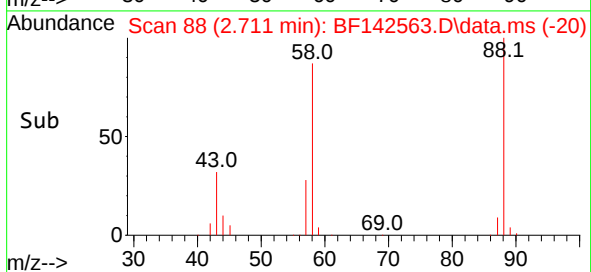
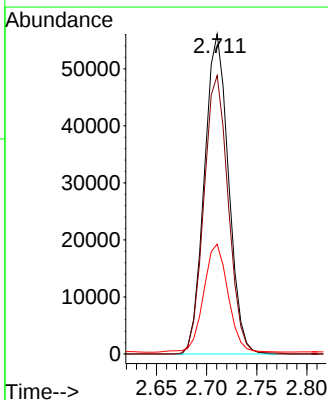
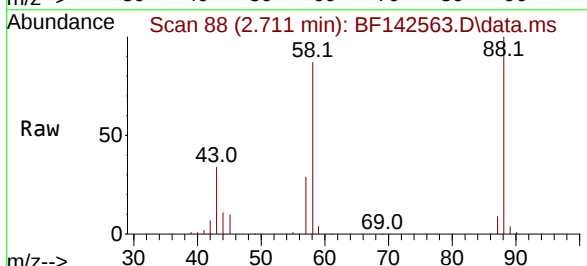
Instrument :
 BNA_F
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 COMP-1MS

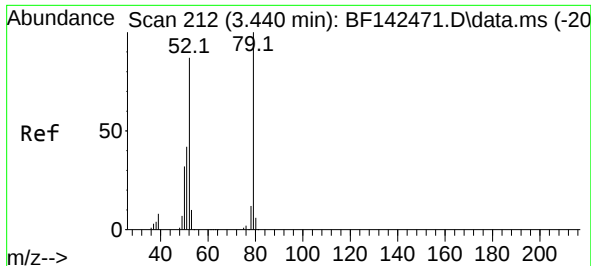
Tgt Ion:152 Resp: 111440
 Ion Ratio Lower Upper
 152 100
 150 159.1 128.2 192.4
 115 59.2 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.496 ng
 RT: 2.711 min Scan# 88
 Delta R.T. 0.047 min
 Lab File: BF142563.D
 Acq: 27 May 2025 15:52

Tgt Ion: 88 Resp: 93955
 Ion Ratio Lower Upper
 88 100
 58 87.9 70.8 106.2
 43 34.4 26.6 40.0





#3

Pyridine

Concen: 38.542 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.036 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

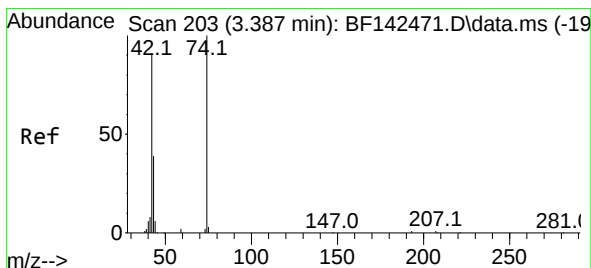
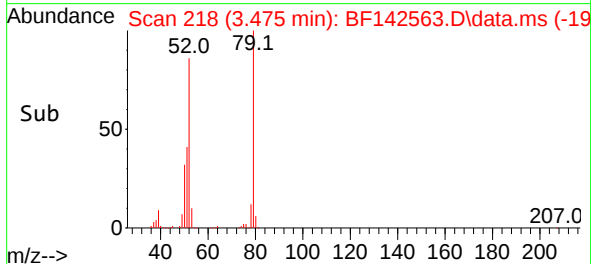
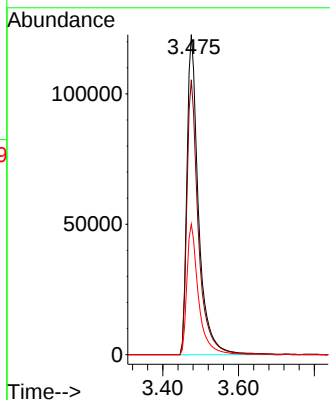
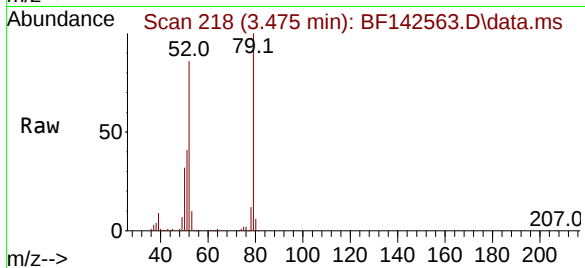
Tgt Ion: 79 Resp: 259792

Ion Ratio Lower Upper

79 100

52 85.9 69.2 103.8

51 40.8 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 39.900 ng

RT: 3.428 min Scan# 210

Delta R.T. 0.024 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

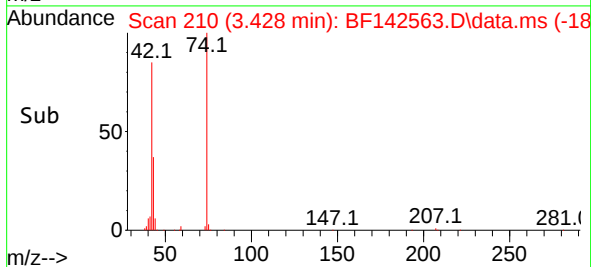
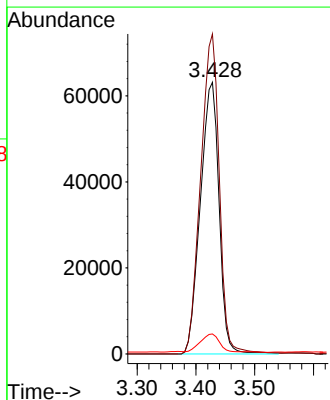
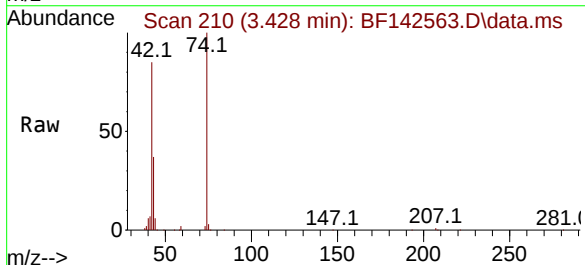
Tgt Ion: 42 Resp: 139642

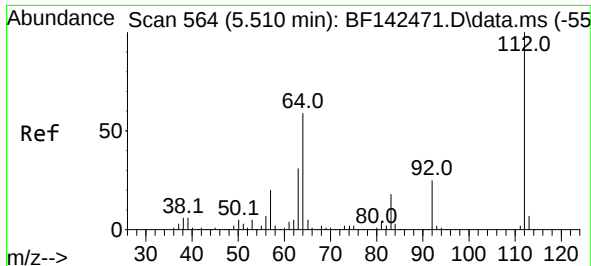
Ion Ratio Lower Upper

42 100

74 117.8 88.2 132.4

44 7.4 5.4 8.2

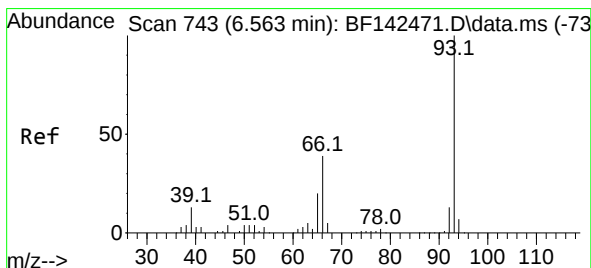
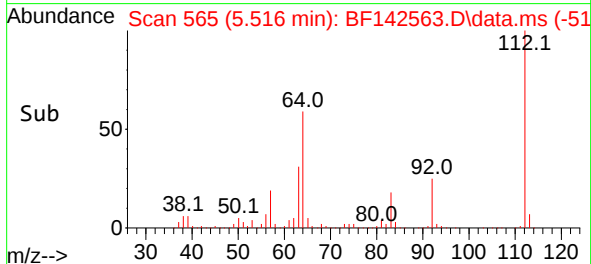
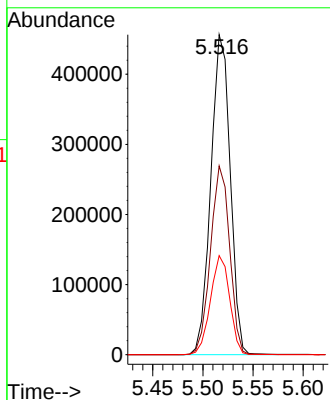
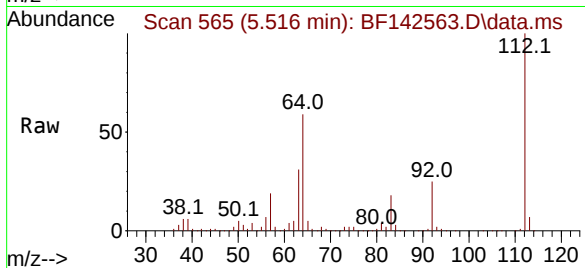




#5
2-Fluorophenol
Concen: 92.845 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

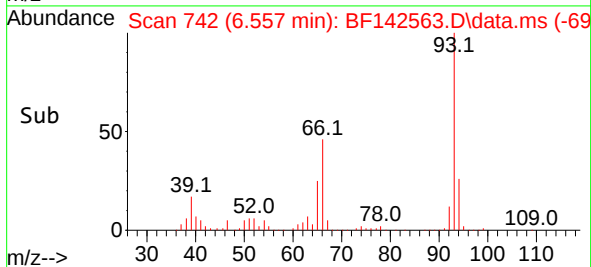
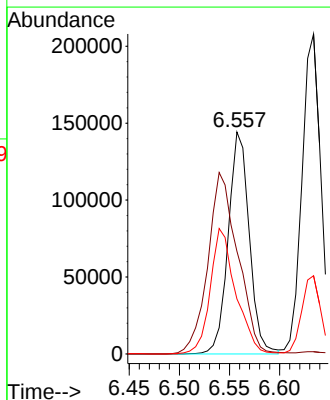
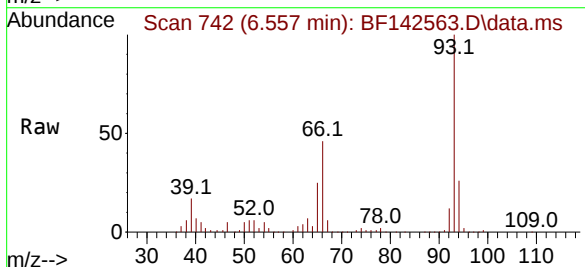
Instrument :
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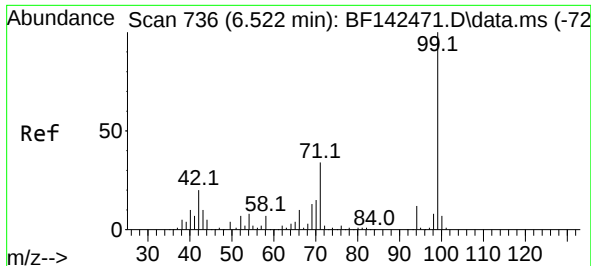
Tgt Ion:112 Resp: 614130
Ion Ratio Lower Upper
112 100
64 59.0 47.5 71.3
63 31.0 24.9 37.3



#6
Aniline
Concen: 19.663 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion: 93 Resp: 210515
Ion Ratio Lower Upper
93 100
66 46.3 32.0 48.0
65 24.8 16.1 24.1#

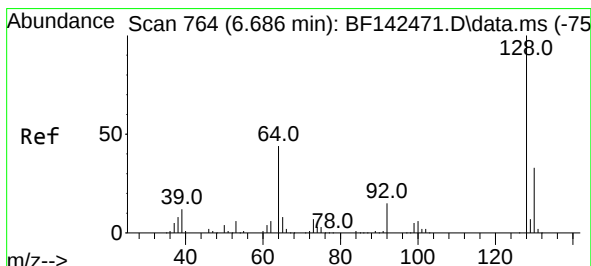
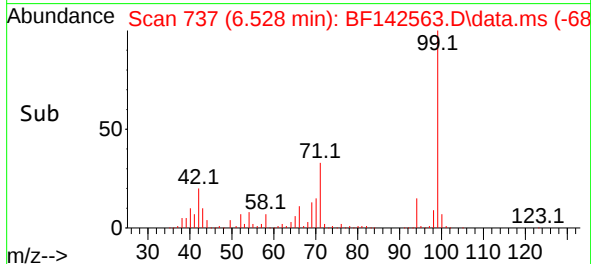
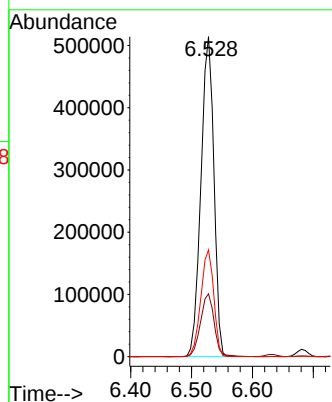
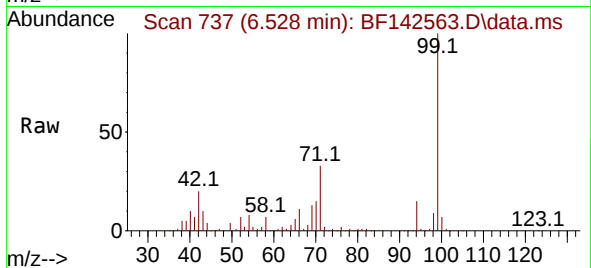




#7
Phenol-d6
Concen: 95.775 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

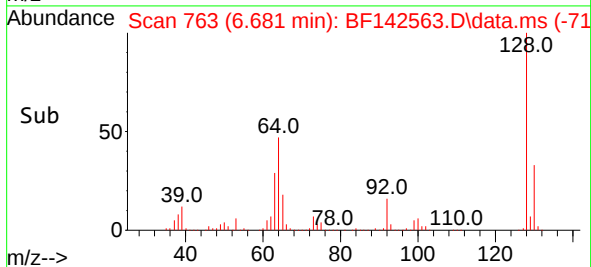
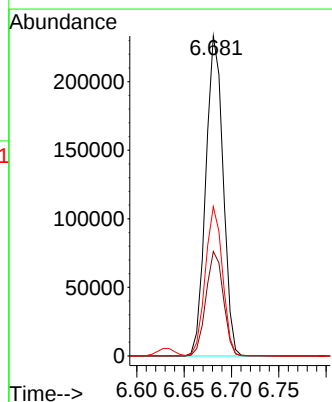
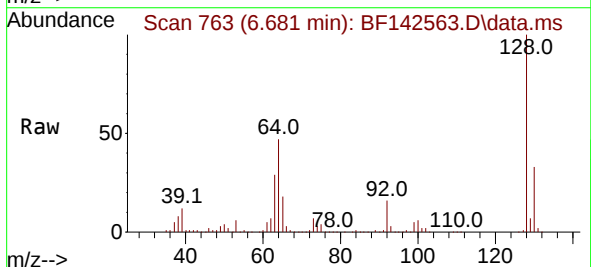
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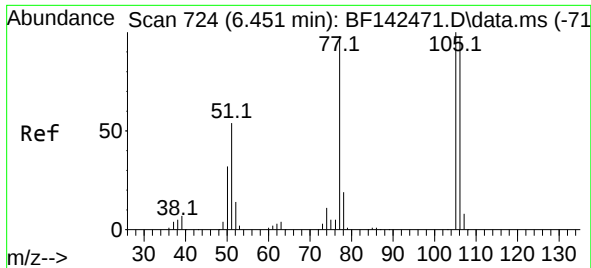
Tgt Ion: 99 Resp: 762597
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.3 27.3 40.9



#8
2-Chlorophenol
Concen: 41.115 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:128 Resp: 296219
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 46.7 25.1 65.1





#9

Benzaldehyde

Concen: 35.500 ng

RT: 6.446 min Scan# 724

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

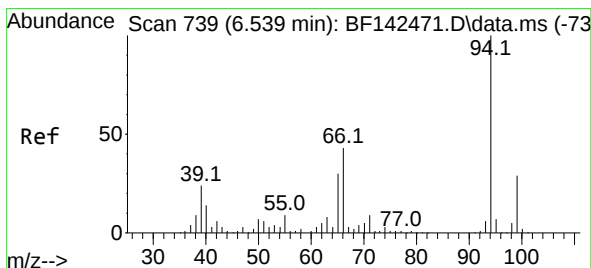
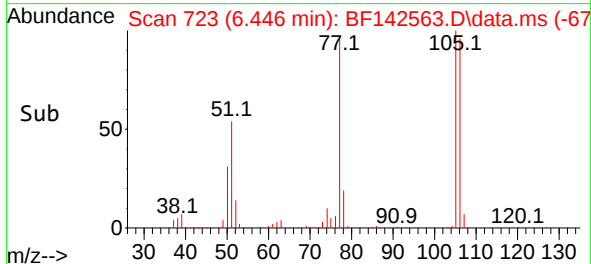
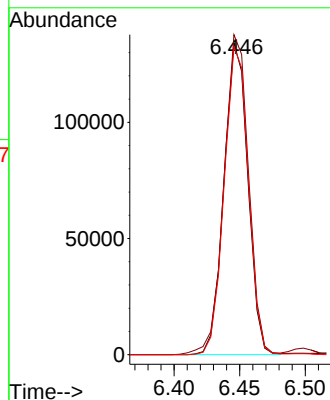
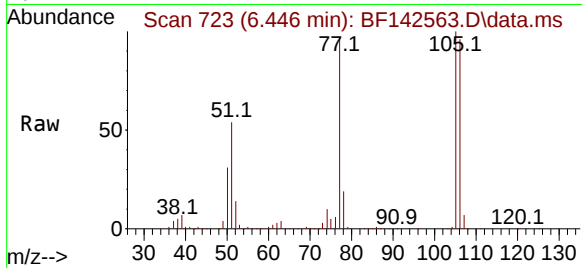
Tgt Ion: 77 Resp: 170015

Ion Ratio Lower Upper

77 100

105 102.7 82.5 122.5

106 98.9 80.0 120.0



#10

Phenol

Concen: 39.267 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

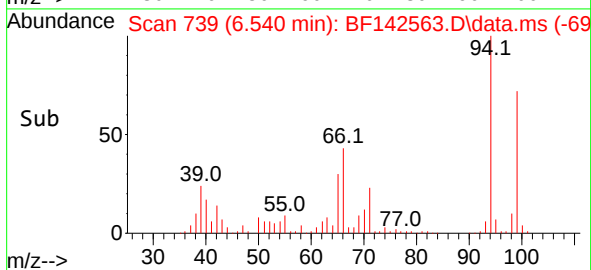
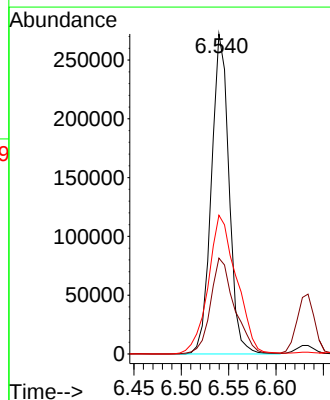
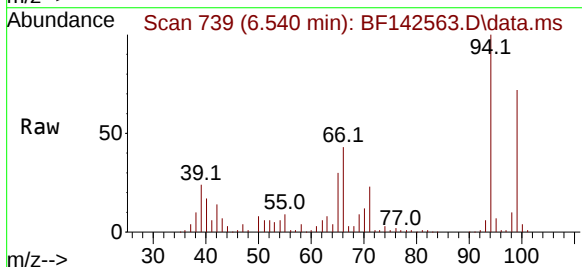
Tgt Ion: 94 Resp: 351806

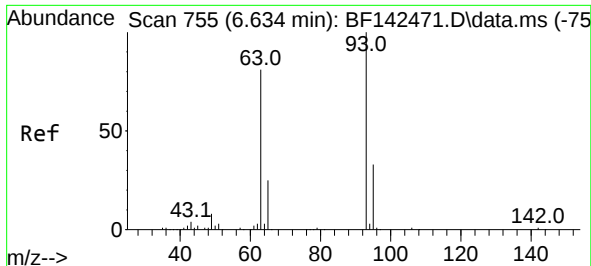
Ion Ratio Lower Upper

94 100

65 30.0 10.3 50.3

66 43.3 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 41.922 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

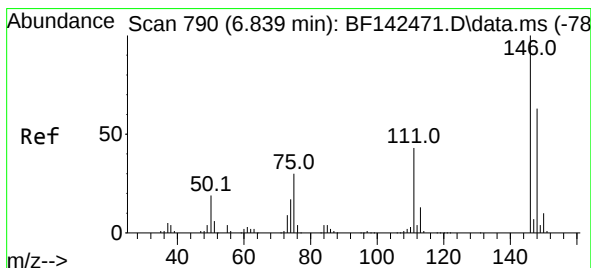
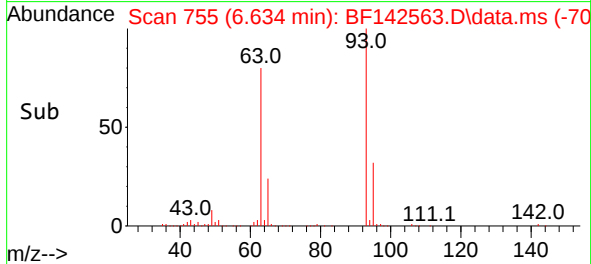
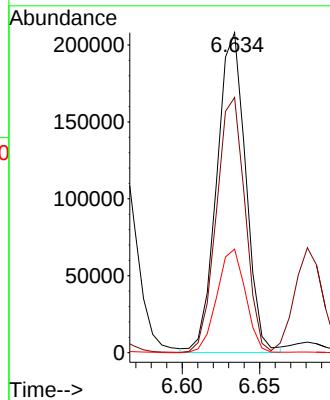
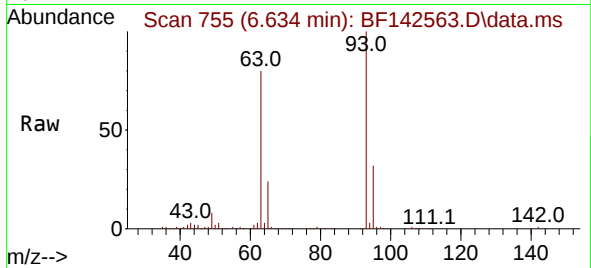
Tgt Ion: 93 Resp: 270369

Ion Ratio Lower Upper

93 100

63 79.8 60.2 100.2

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.239 ng

RT: 6.840 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

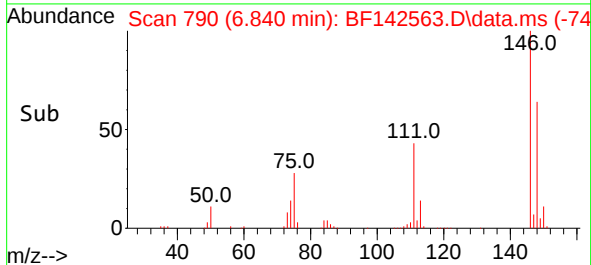
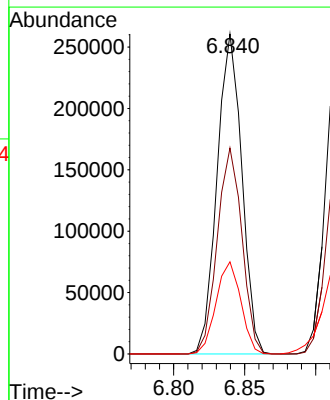
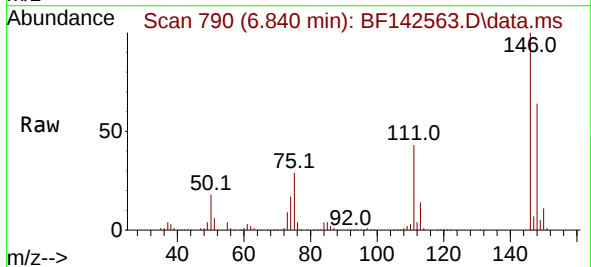
Tgt Ion: 146 Resp: 315463

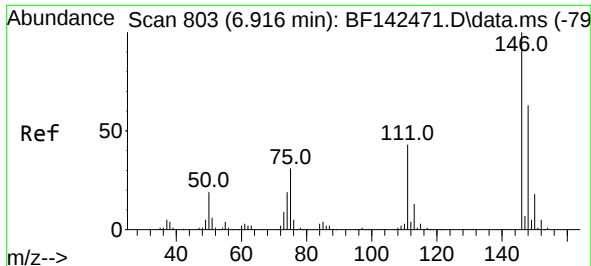
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

75 28.8 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 40.027 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

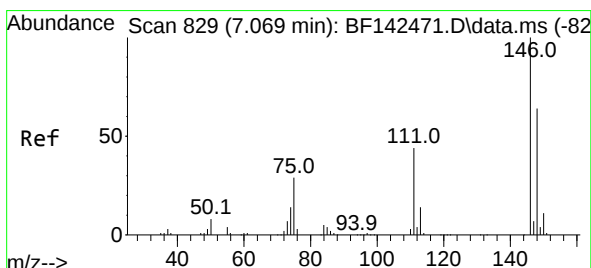
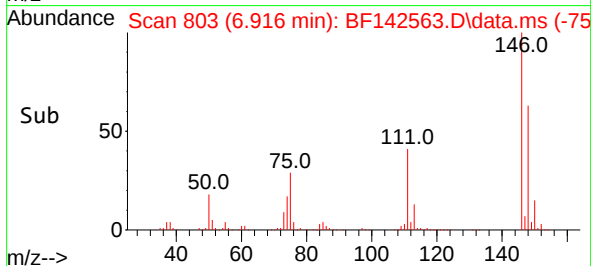
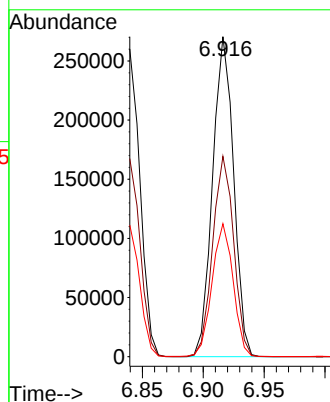
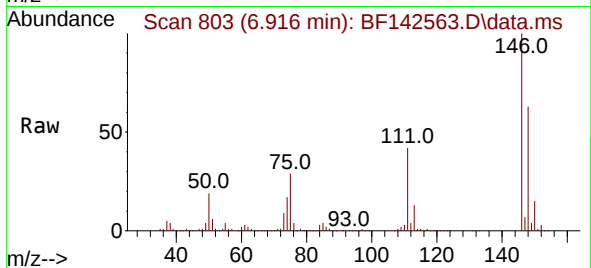
Tgt Ion:146 Resp: 324150

Ion Ratio Lower Upper

146 100

148 62.6 50.4 75.6

111 41.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 40.088 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

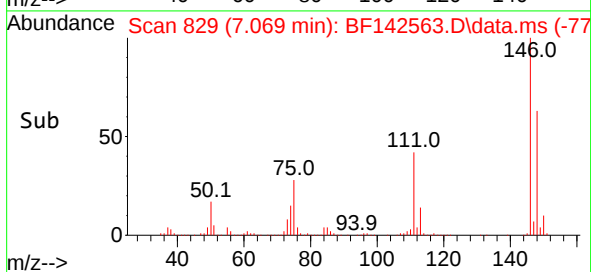
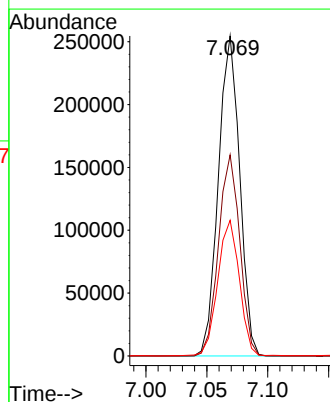
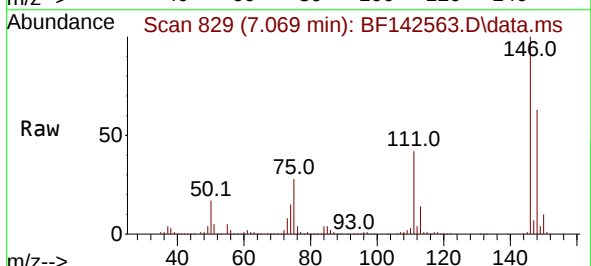
Tgt Ion:146 Resp: 310639

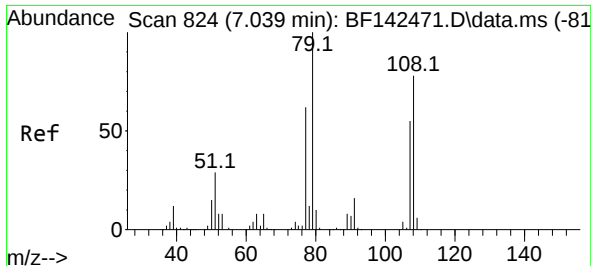
Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.4

111 42.4 35.0 52.6

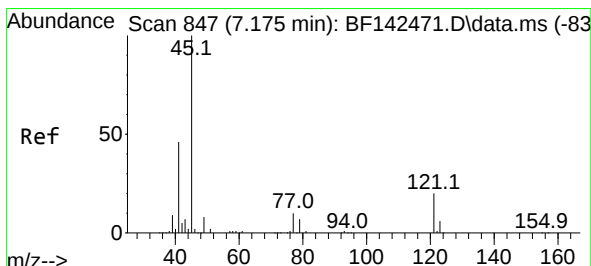
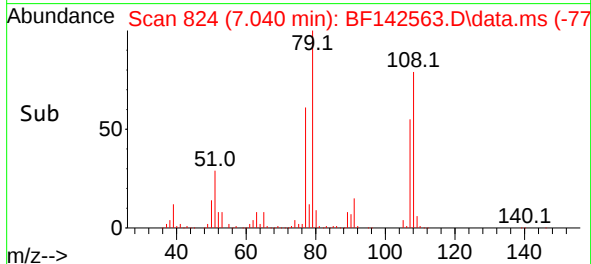
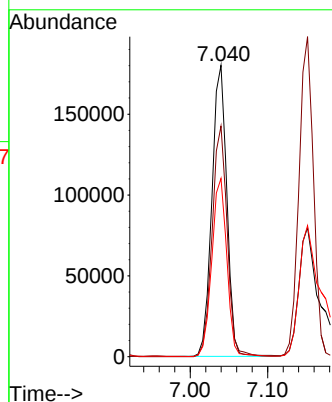
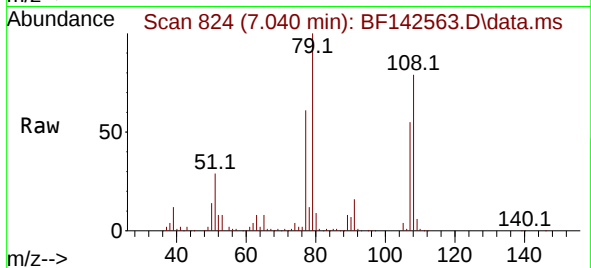




#15
Benzyl Alcohol
Concen: 40.982 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

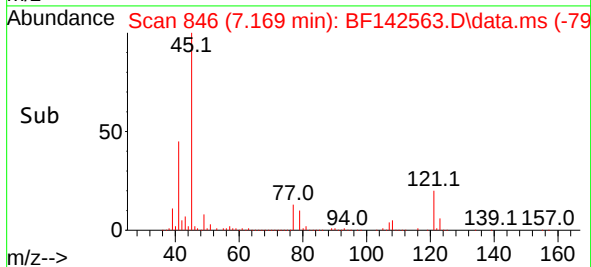
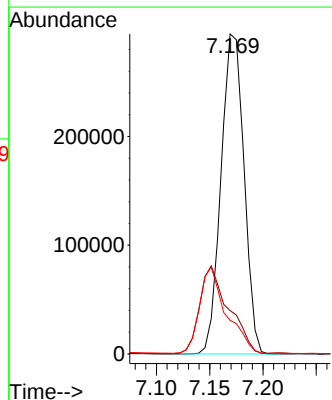
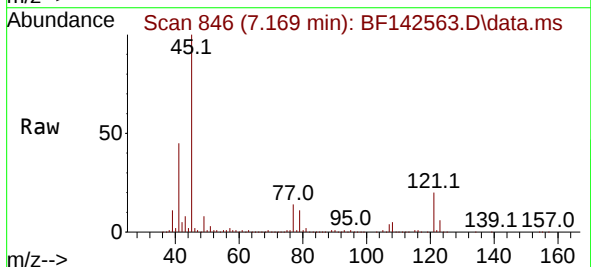
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

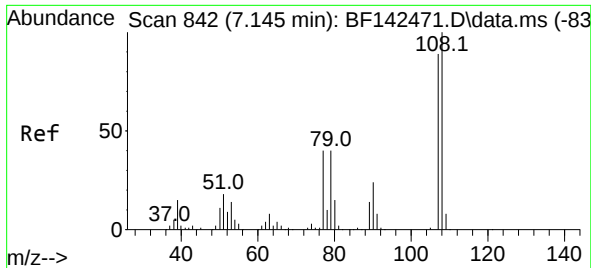
Tgt Ion: 79 Resp: 241145
Ion Ratio Lower Upper
79 100
108 79.1 62.1 93.1
77 61.2 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.765 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.011 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion: 45 Resp: 441514
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.0
79 10.5 0.0 29.2



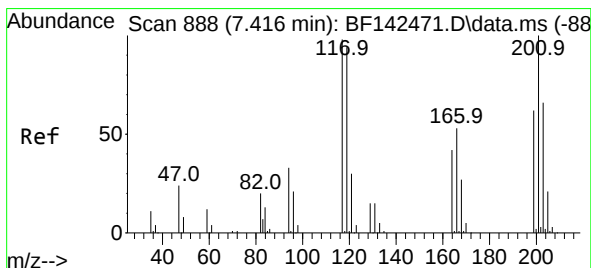
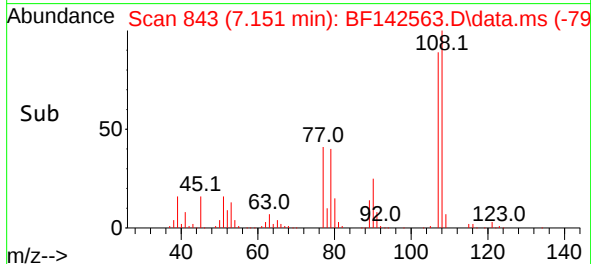
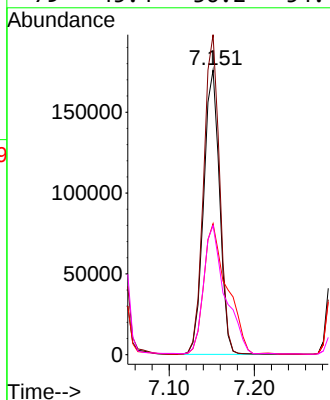
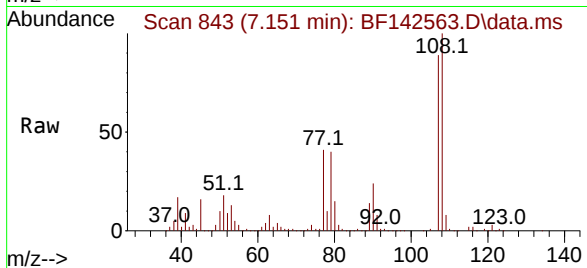


#17
2-Methylphenol
Concen: 40.690 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion:107 Resp: 228884

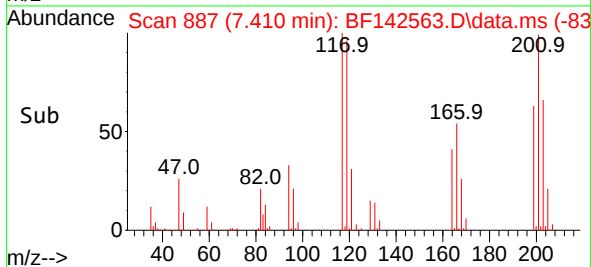
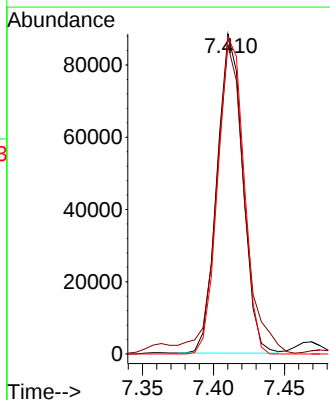
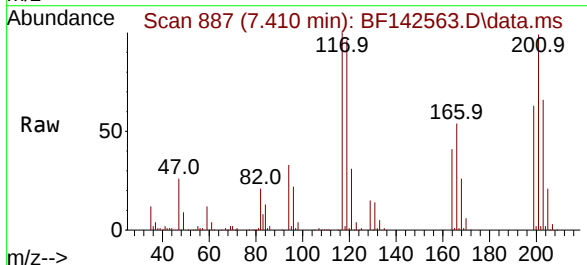
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.2	135.2
77	46.0	36.1	54.1
79	45.4	36.2	54.4

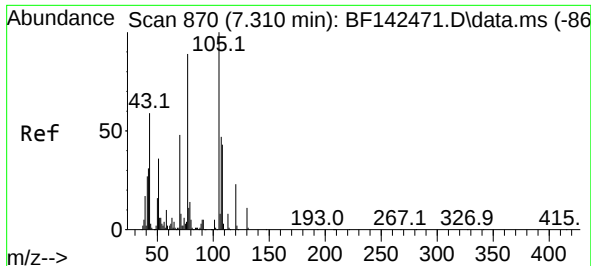


#18
Hexachloroethane
Concen: 39.462 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:117 Resp: 111590

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	114.8
201	99.0	81.3	121.9



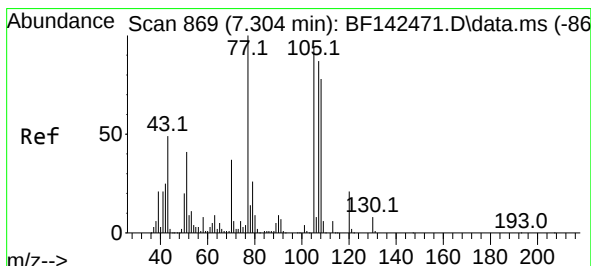
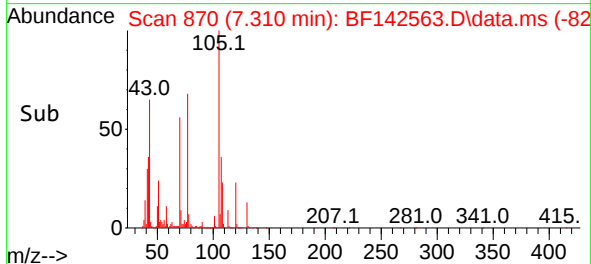
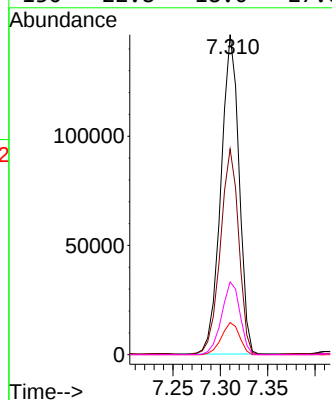
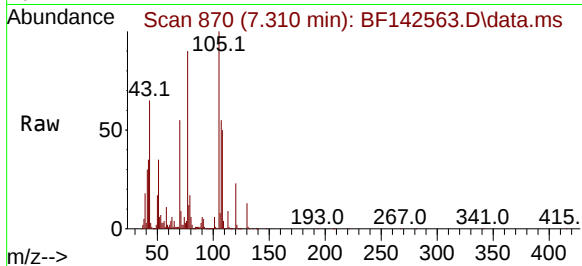


#19
n-Nitroso-di-n-propylamine
Concen: 39.488 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion: 70 Resp: 194863

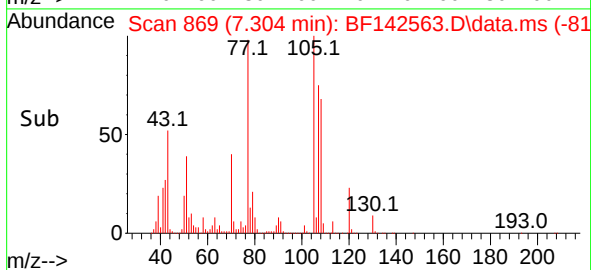
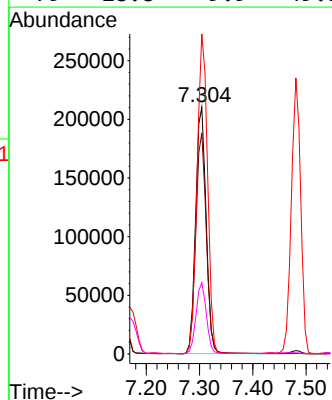
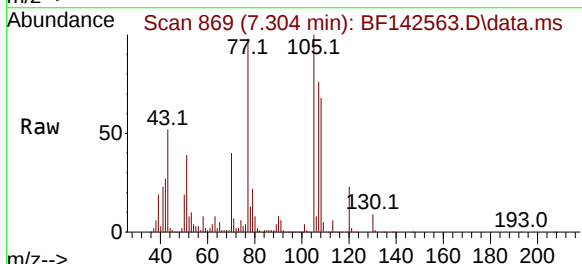
Ion	Ratio	Lower	Upper
70	100		
42	64.3	52.4	78.6
101	10.1	7.8	11.8
130	22.8	18.0	27.0

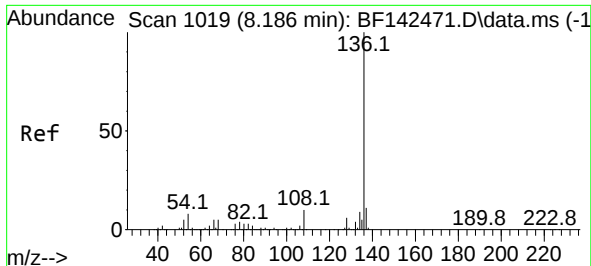


#20
3+4-Methylphenols
Concen: 39.853 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion: 107 Resp: 287075

Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.4	110.4
77	129.7	95.4	135.4
79	28.8	9.9	49.9

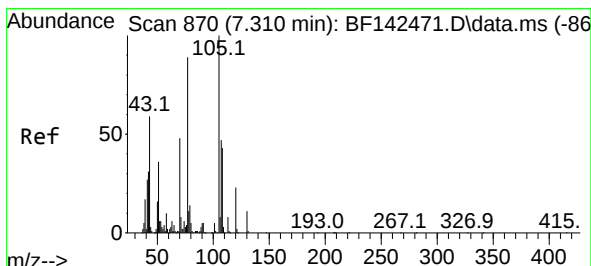
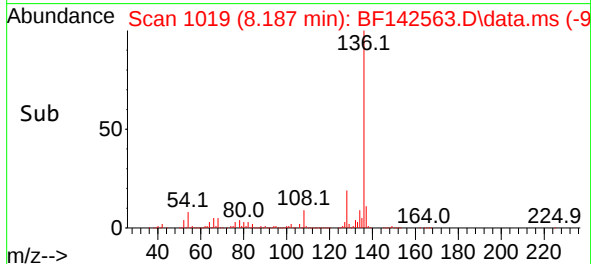
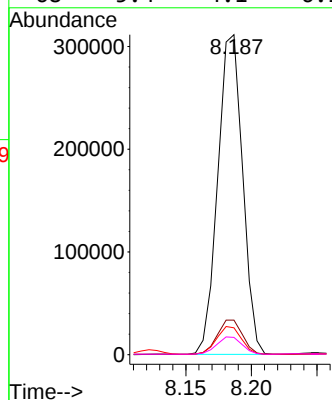
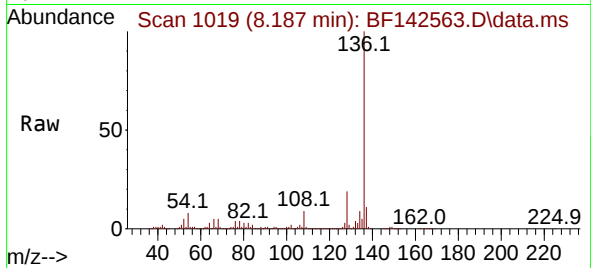




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

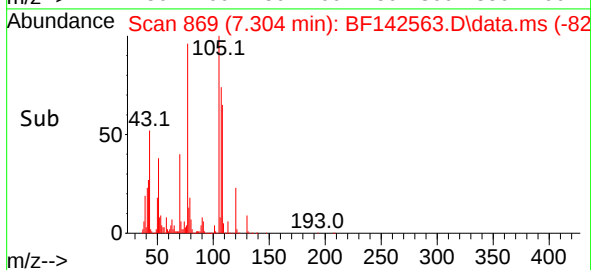
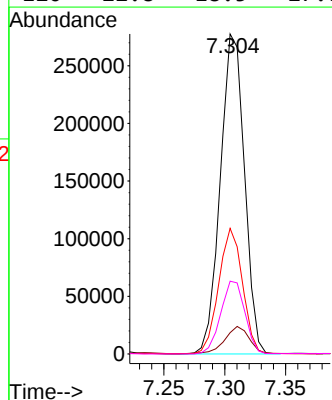
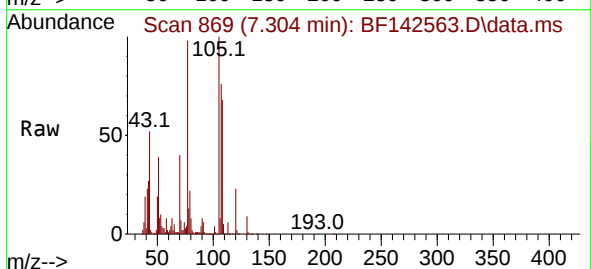
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

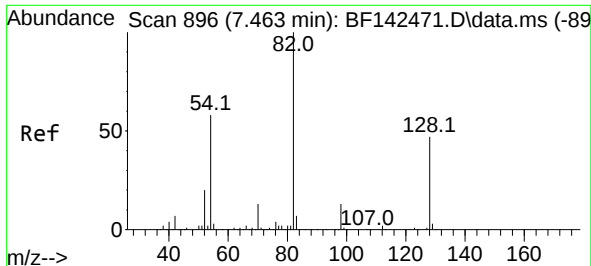
Tgt Ion:136 Resp: 410324
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.6 10.0
68 5.4 4.1 6.1



#22
Acetophenone
Concen: 42.230 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:105 Resp: 383589
Ion Ratio Lower Upper
105 100
71 6.7 6.4 9.6
51 39.3 28.6 42.8
120 22.8 18.5 27.7





#23

Nitrobenzene-d5

Concen: 61.658 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

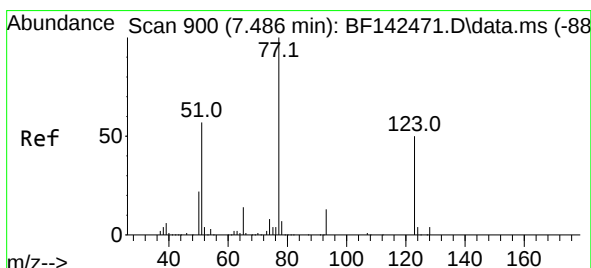
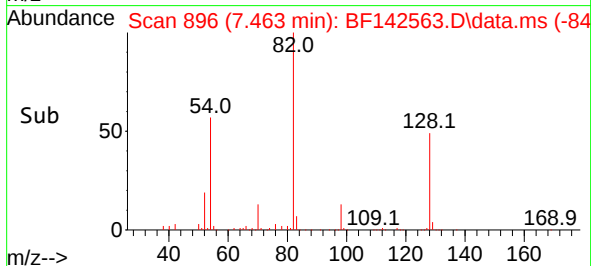
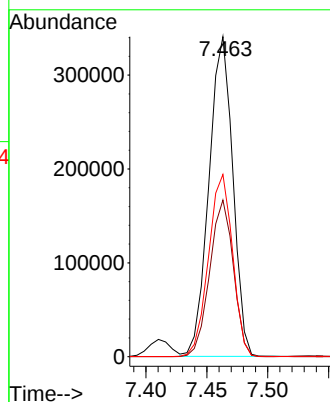
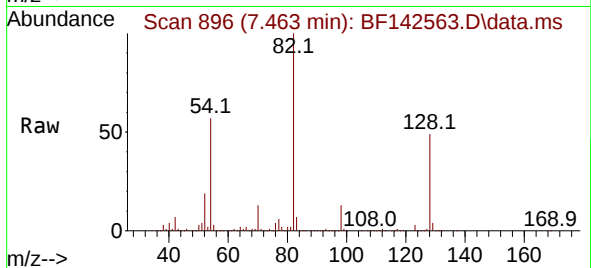
Tgt Ion: 82 Resp: 463970

Ion Ratio Lower Upper

82 100

128 49.0 37.4 56.2

54 57.0 46.6 70.0



#24

Nitrobenzene

Concen: 41.989 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

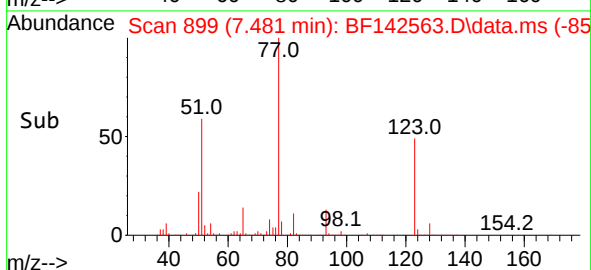
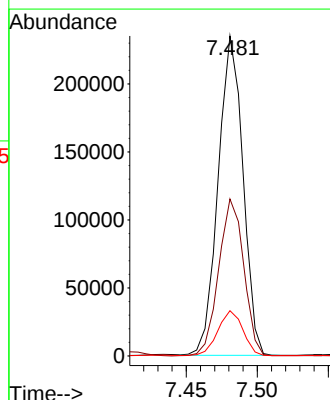
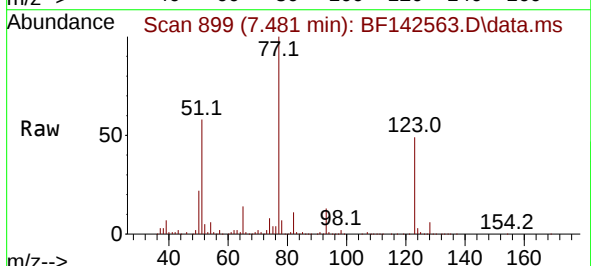
Tgt Ion: 77 Resp: 284973

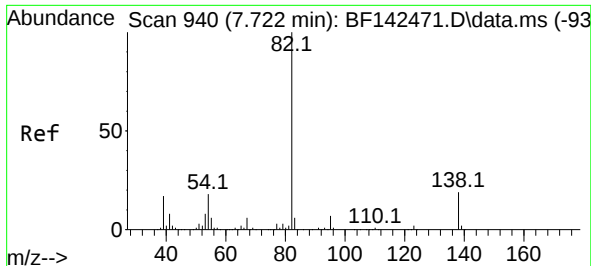
Ion Ratio Lower Upper

77 100

123 49.0 40.6 61.0

65 14.1 11.4 17.2

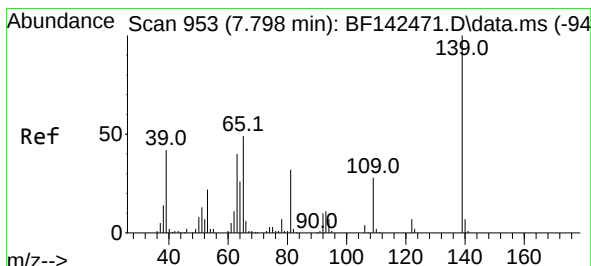
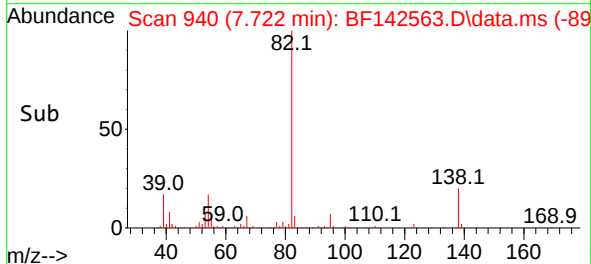
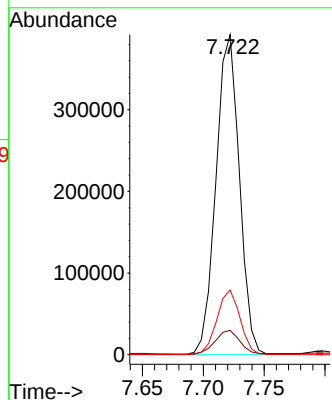
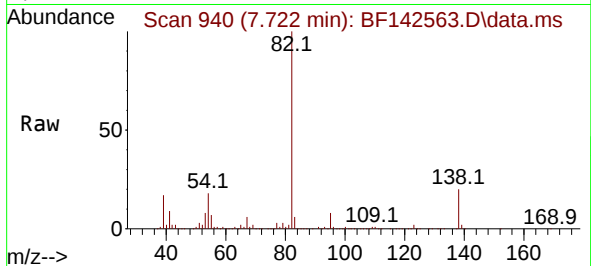




#25
Isophorone
Concen: 41.483 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

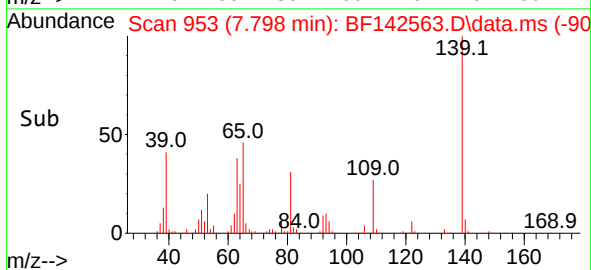
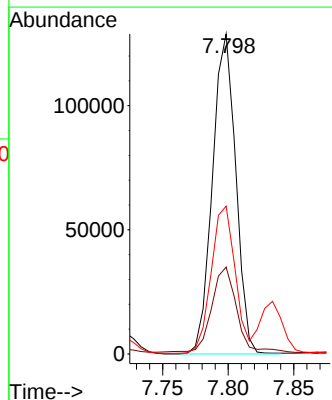
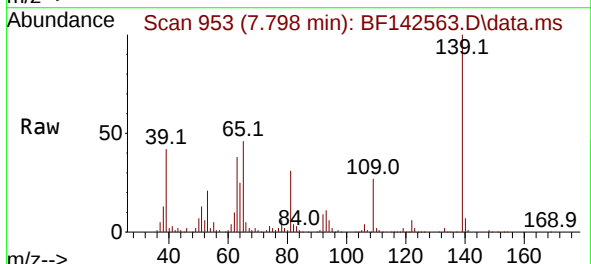
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

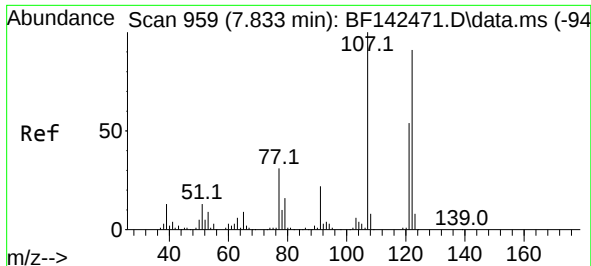
Tgt Ion: 82 Resp: 521909
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 20.2 15.5 23.3



#26
2-Nitrophenol
Concen: 43.933 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:139 Resp: 159319
Ion Ratio Lower Upper
139 100
109 27.2 22.6 33.8
65 46.2 39.4 59.0

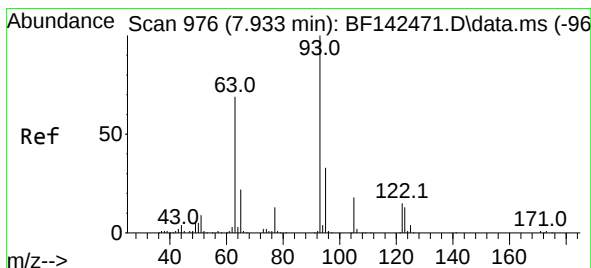
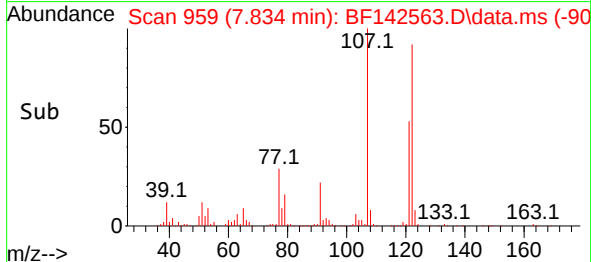
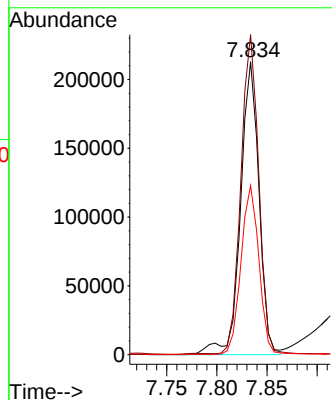
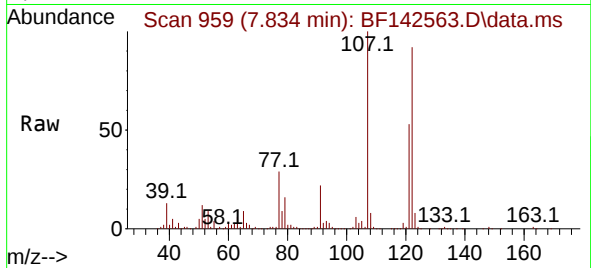




#27
2,4-Dimethylphenol
Concen: 42.773 ng
RT: 7.834 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

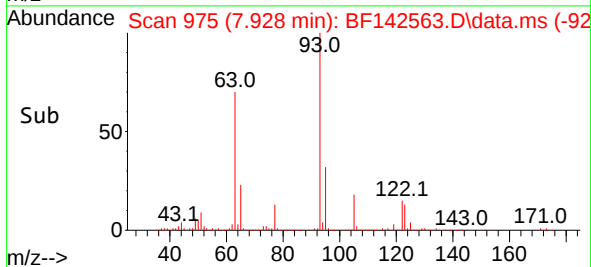
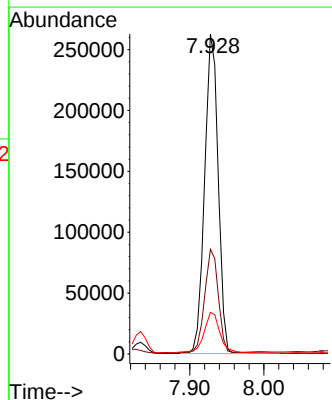
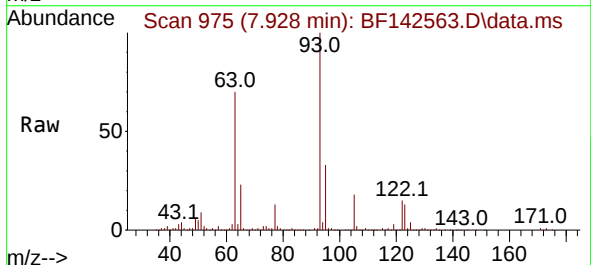
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

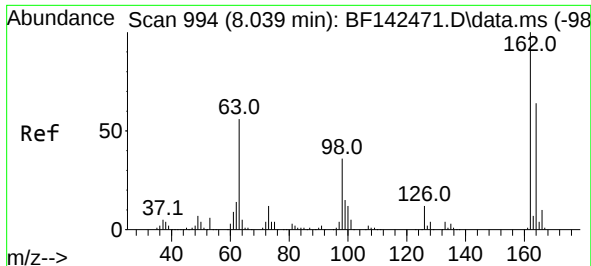
Tgt Ion:122 Resp: 273542
Ion Ratio Lower Upper
122 100
107 109.2 88.1 132.1
121 57.7 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.370 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion: 93 Resp: 332989
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 13.0 10.6 15.8

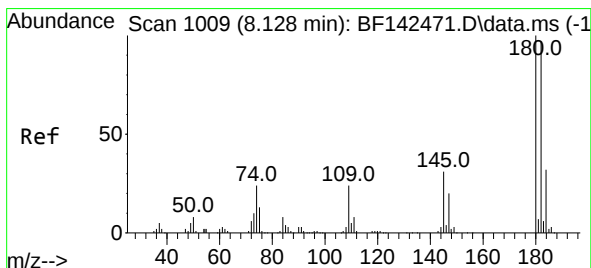
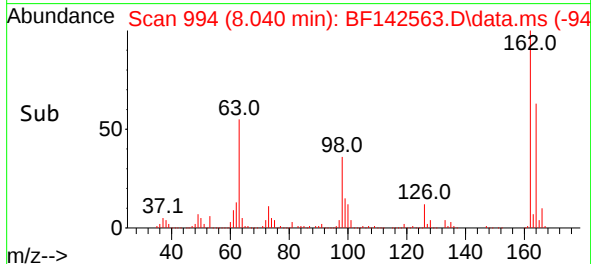
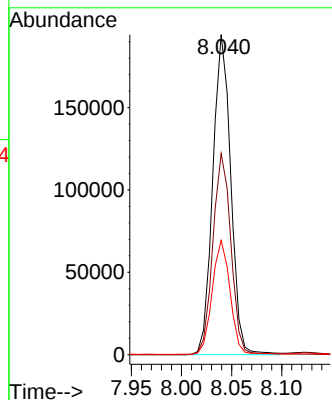
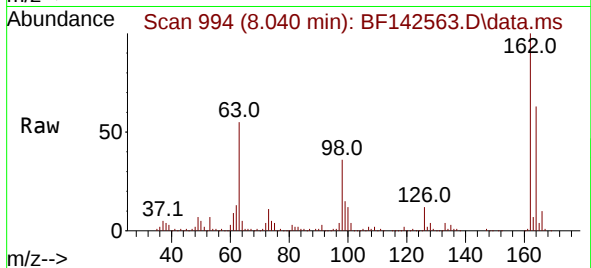




#29
2,4-Dichlorophenol
Concen: 41.758 ng
RT: 8.040 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

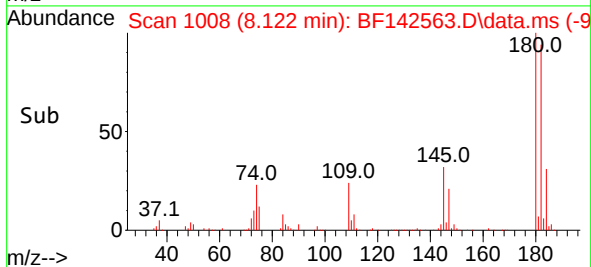
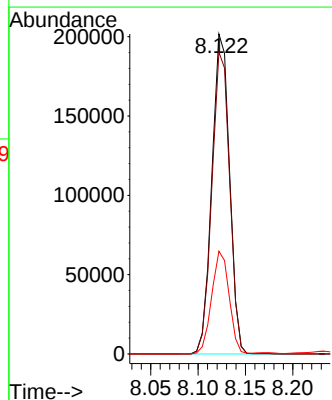
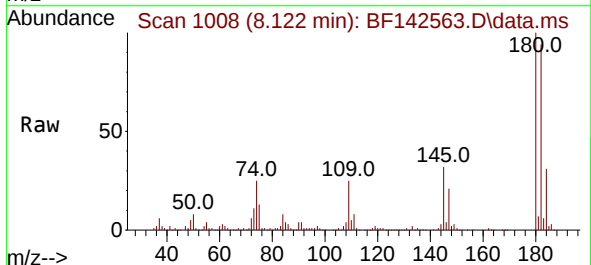
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

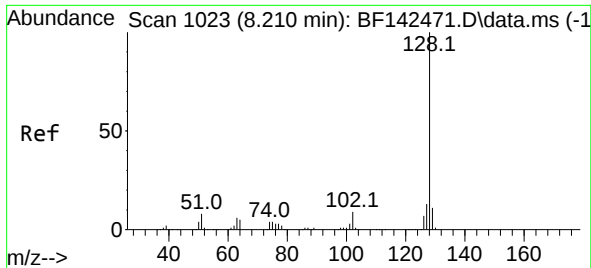
Tgt Ion:162 Resp: 242863
Ion Ratio Lower Upper
162 100
164 62.9 43.7 83.7
98 35.7 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 41.379 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:180 Resp: 261182
Ion Ratio Lower Upper
180 100
182 94.4 78.0 117.0
145 32.1 25.0 37.6

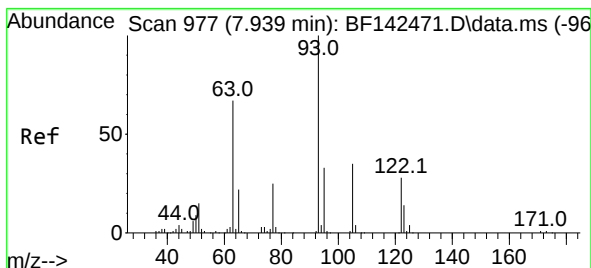
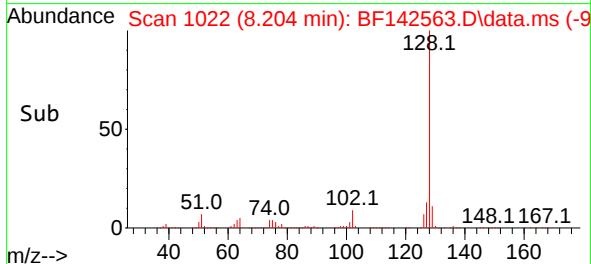
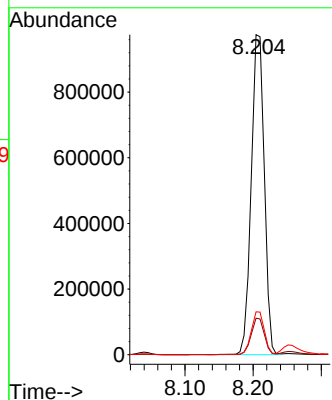
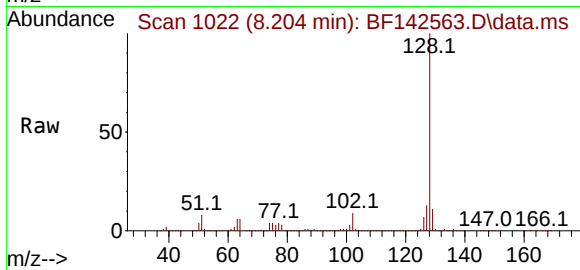




#31
Naphthalene
Concen: 63.819 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

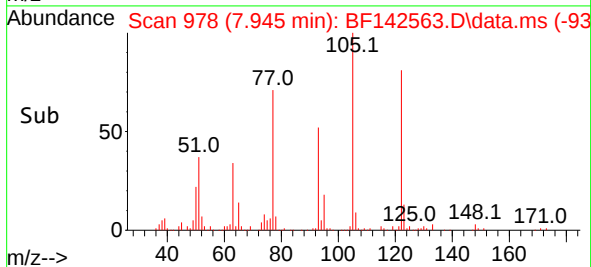
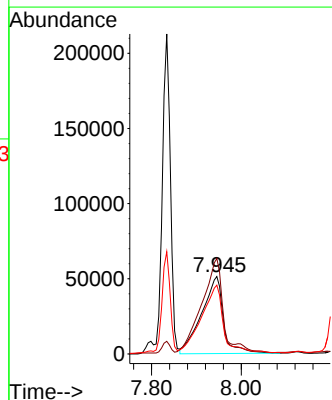
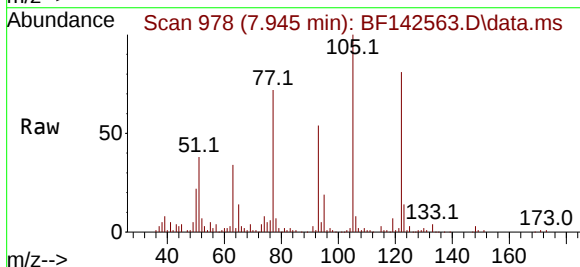
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

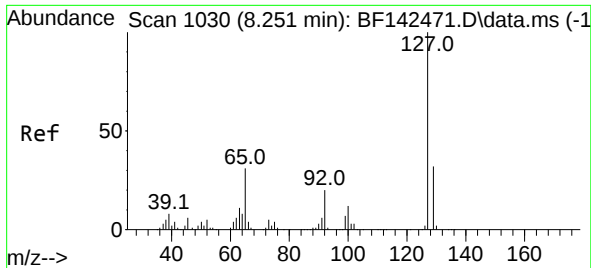
Tgt Ion:128 Resp: 1289401
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 44.317 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:122 Resp: 172521
Ion Ratio Lower Upper
122 100
105 123.4 101.7 141.7
77 88.8 69.5 109.5

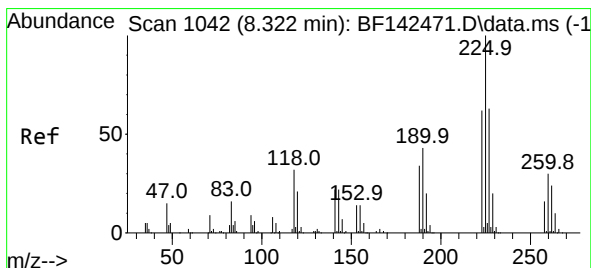
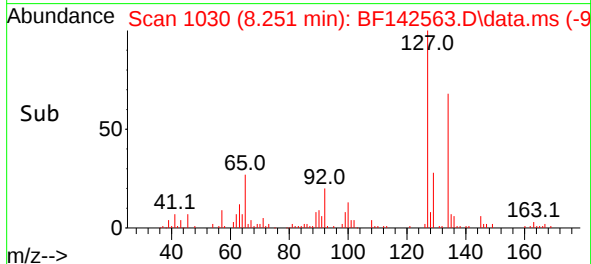
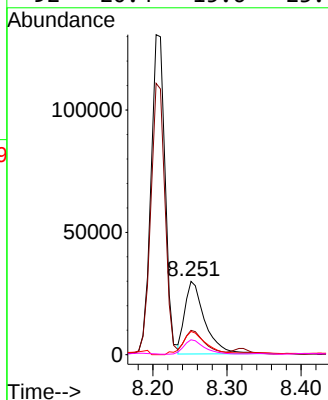
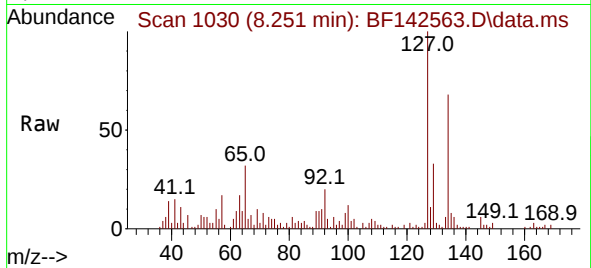




#33
4-Chloroaniline
Concen: 6.812 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

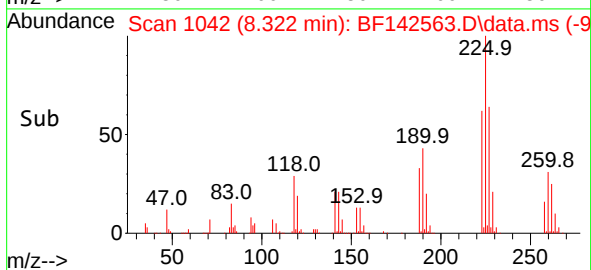
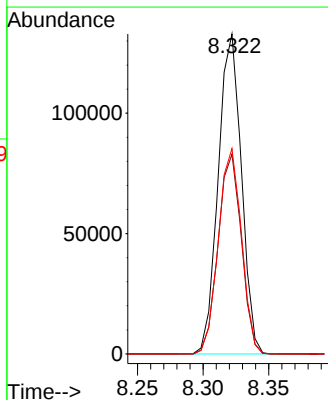
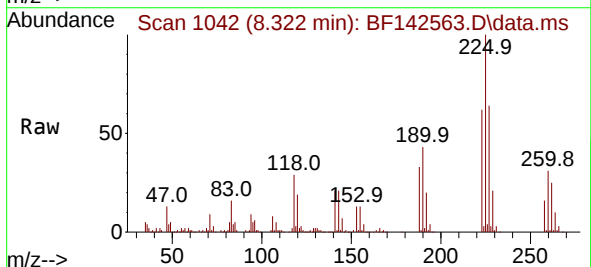
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

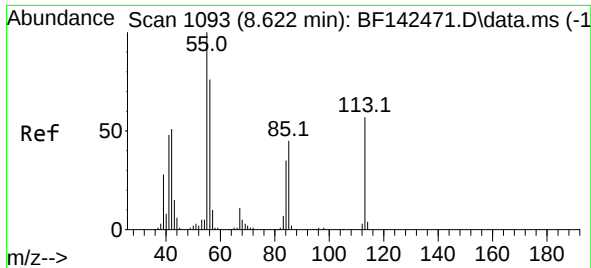
Tgt Ion:127	Resp:	55772
Ion	Ratio	Lower Upper
127	100	
129	33.1	26.1 39.1
65	31.7	24.9 37.3
92	20.4	15.6 23.4



#34
Hexachlorobutadiene
Concen: 41.395 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:225	Resp:	163145
Ion	Ratio	Lower Upper
225	100	
223	62.4	49.7 74.5
227	64.2	50.3 75.5

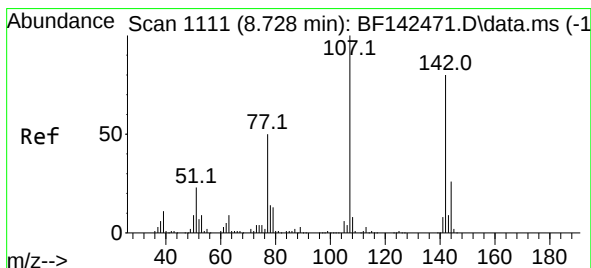
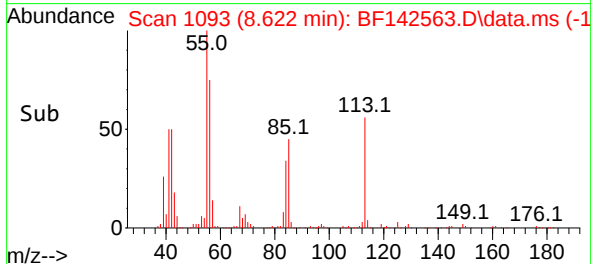
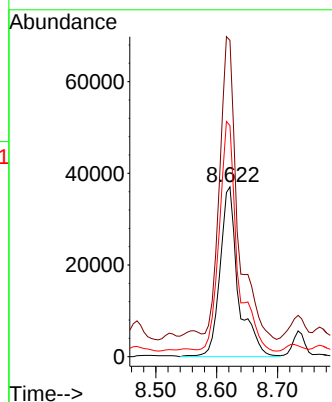
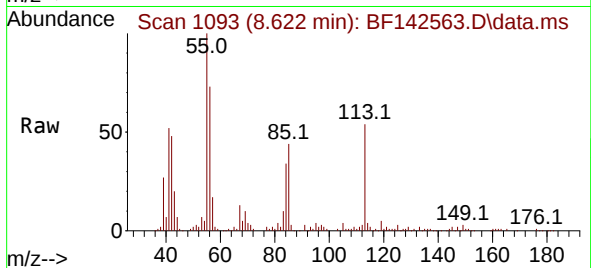




#35
 Caprolactam
 Concen: 47.413 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF142563.D
 Acq: 27 May 2025 15:52

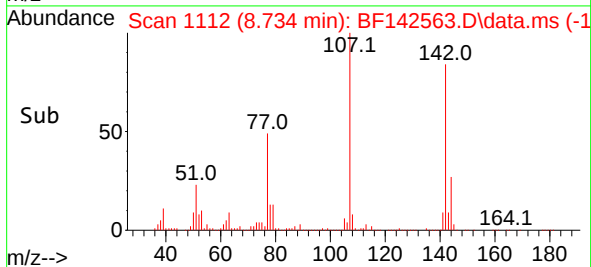
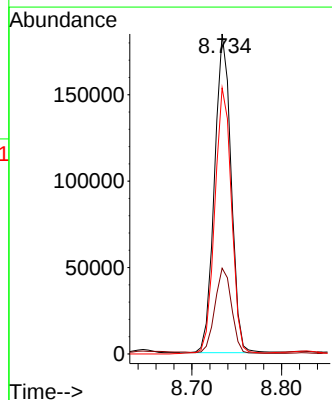
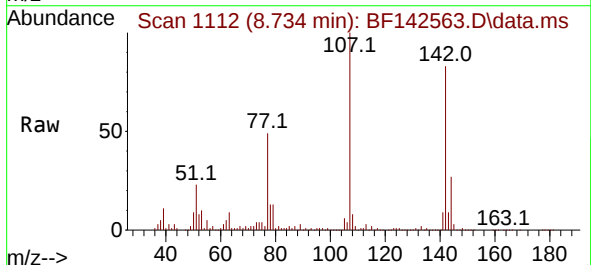
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

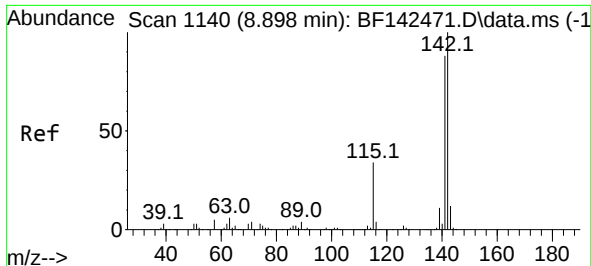
Tgt Ion:113 Resp: 77446
 Ion Ratio Lower Upper
 113 100
 55 186.3 154.7 194.7
 56 136.0 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.694 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142563.D
 Acq: 27 May 2025 15:52

Tgt Ion:107 Resp: 236593
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.9 31.3
 142 83.2 64.2 96.2

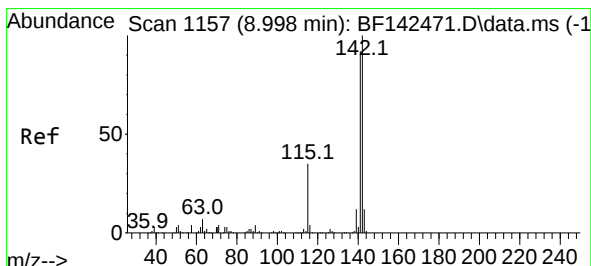
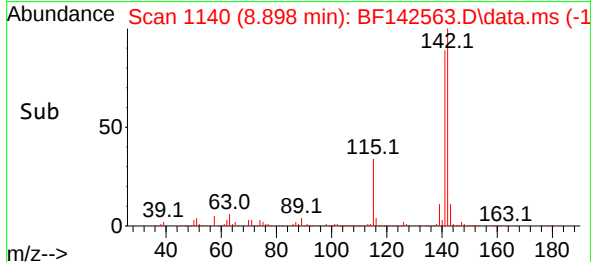
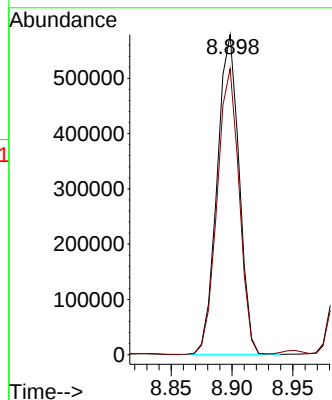
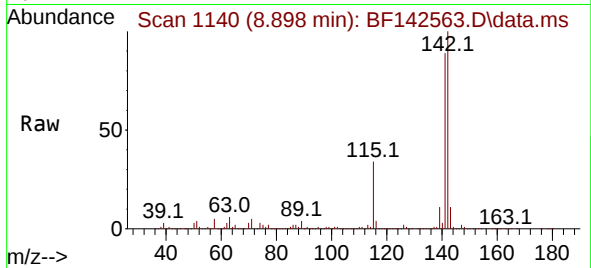




#37
2-Methylnaphthalene
Concen: 57.352 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

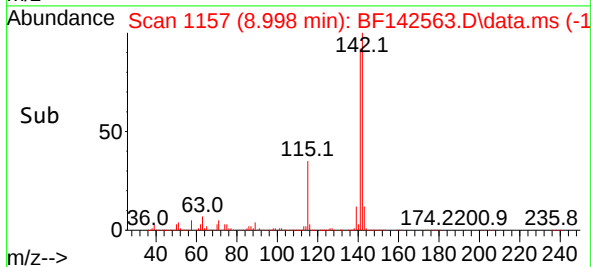
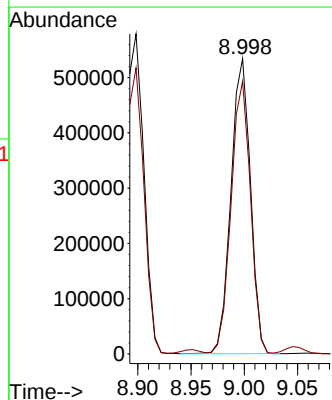
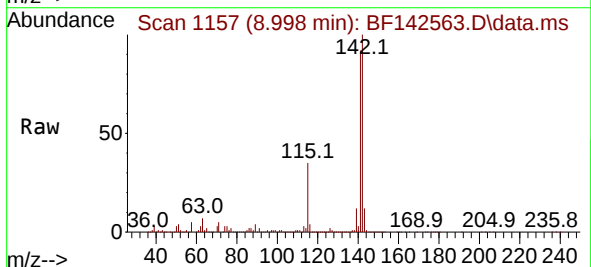
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

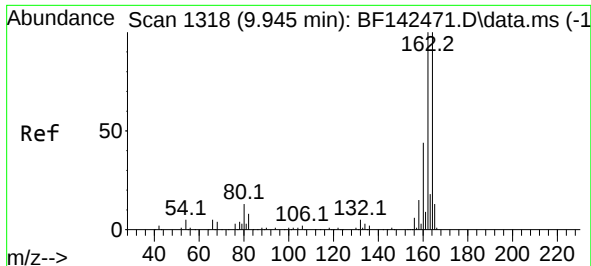
Tgt Ion:142 Resp: 728988
Ion Ratio Lower Upper
142 100
141 89.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 51.597 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:142 Resp: 678387
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

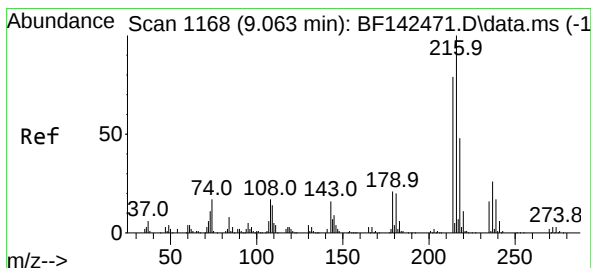
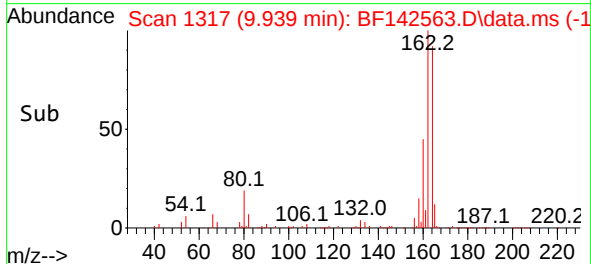
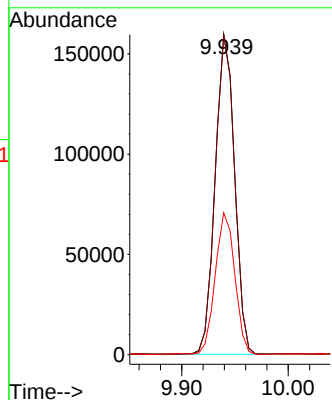
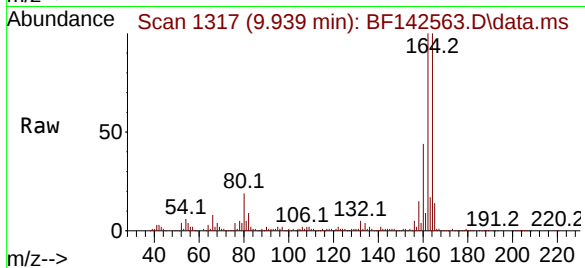
Tgt Ion:164 Resp: 201286

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.4

160 44.3 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.936 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Tgt Ion:216 Resp: 253864

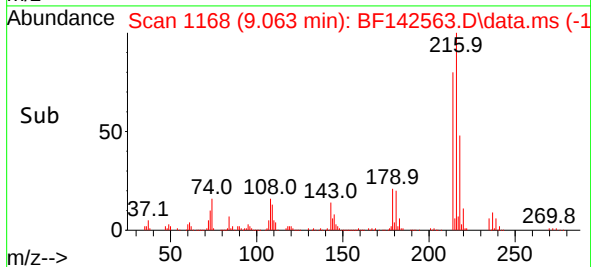
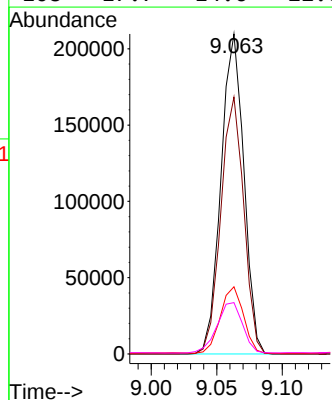
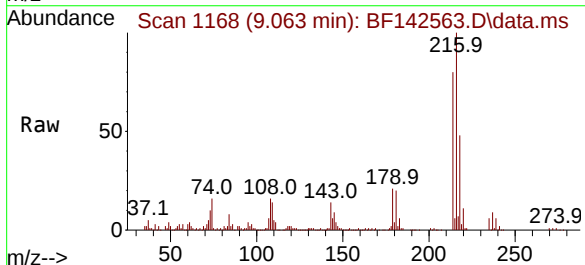
Ion Ratio Lower Upper

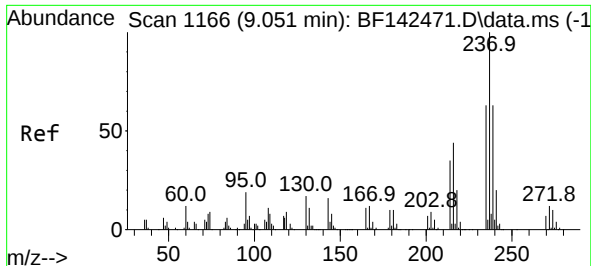
216 100

214 80.3 62.9 94.3

179 21.1 16.9 25.3

108 17.7 14.6 22.0

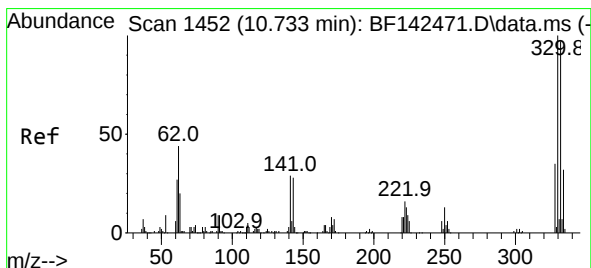
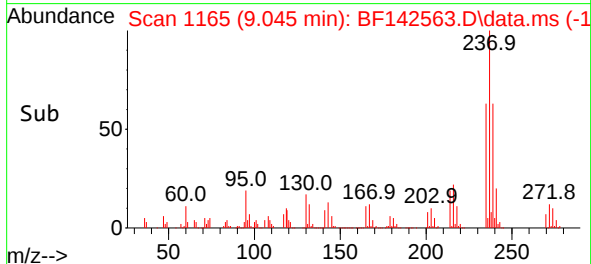
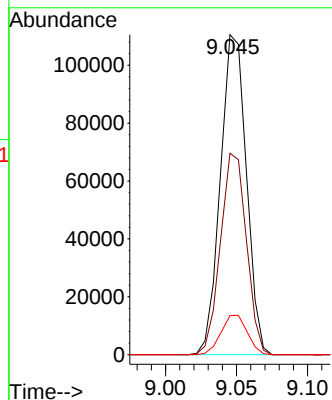
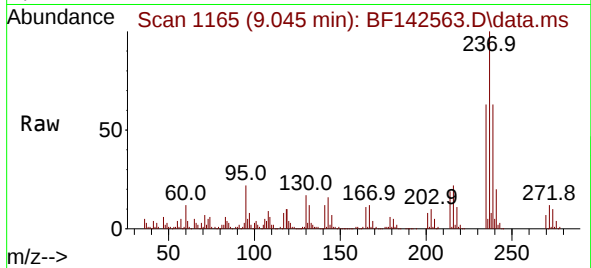




#41
Hexachlorocyclopentadiene
Concen: 36.095 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

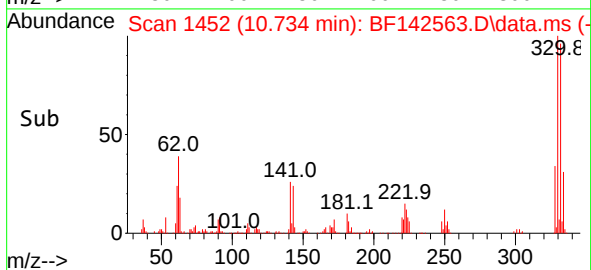
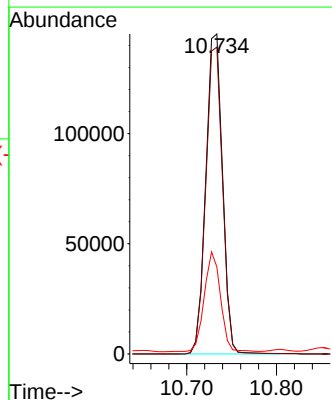
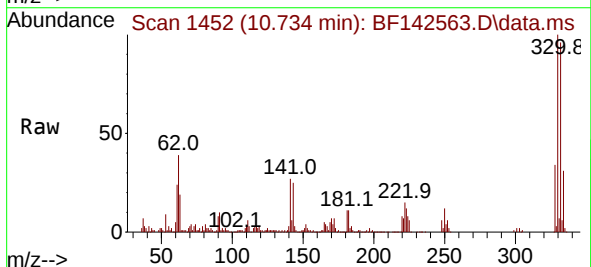
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

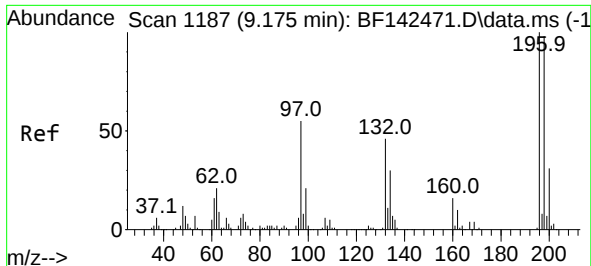
Tgt Ion:237 Resp: 140691
Ion Ratio Lower Upper
237 100
235 62.9 43.3 83.3
272 12.2 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 84.074 ng
RT: 10.734 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:330 Resp: 187822
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 30.4 24.6 36.8

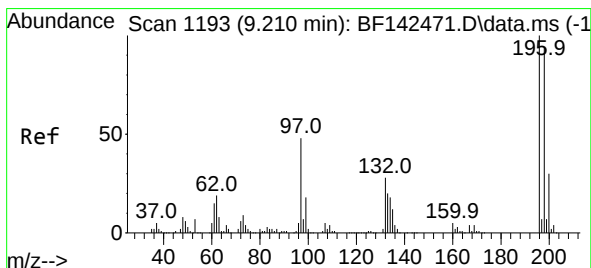
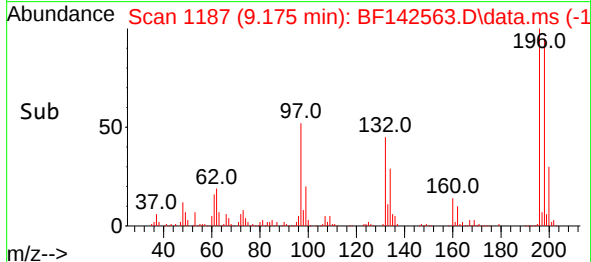
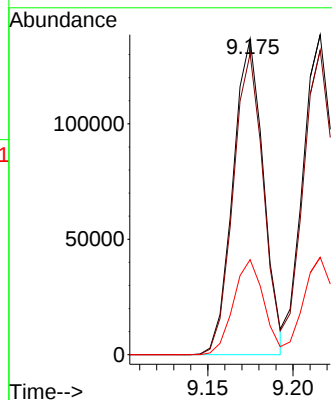
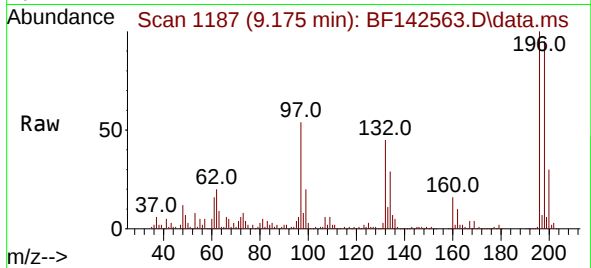




#43
2,4,6-Trichlorophenol
Concen: 43.499 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

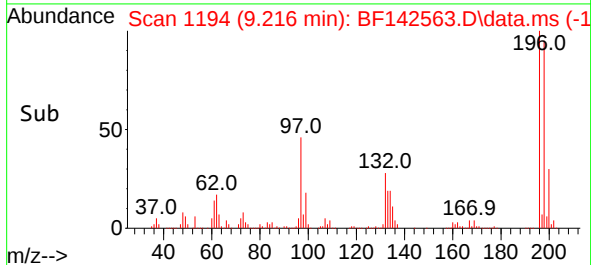
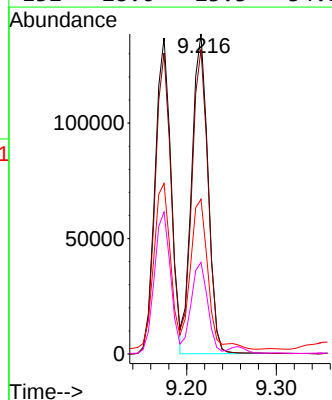
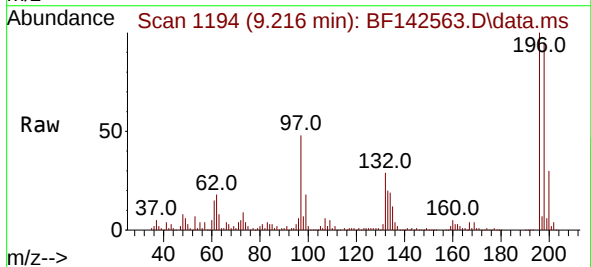
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

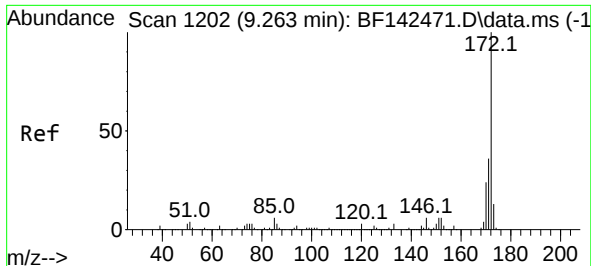
Tgt Ion:196 Resp: 169484
Ion Ratio Lower Upper
196 100
198 95.3 78.8 118.2
200 30.1 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 42.459 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:196 Resp: 174471
Ion Ratio Lower Upper
196 100
198 95.2 75.5 113.3
97 48.3 39.3 58.9
132 28.6 23.3 34.9

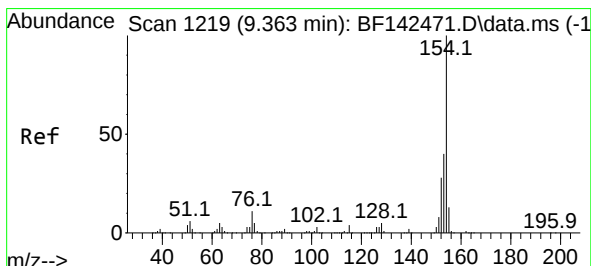
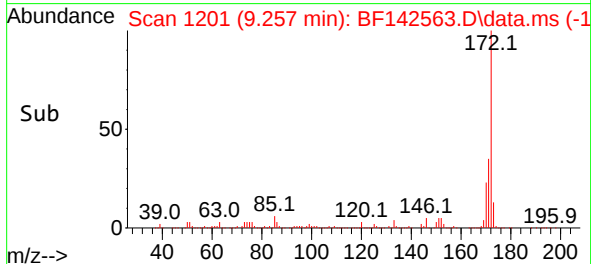
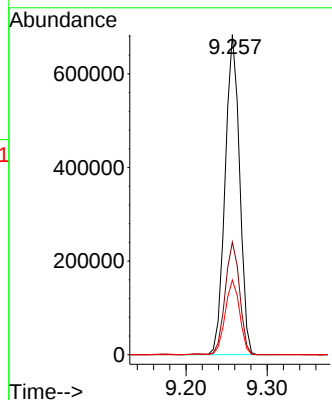
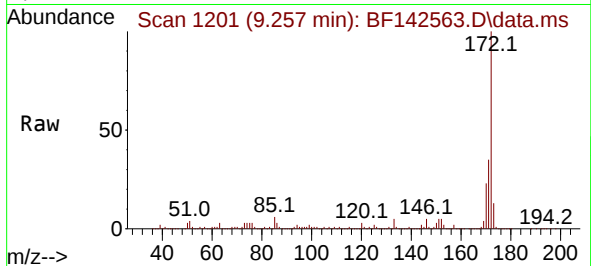




#45
2-Fluorobiphenyl
Concen: 56.651 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.011 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

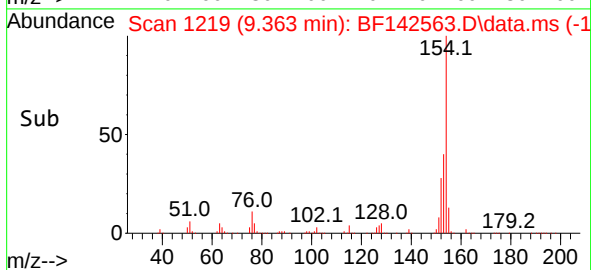
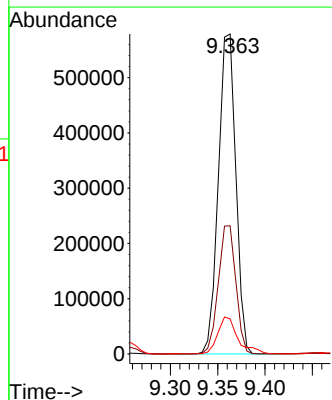
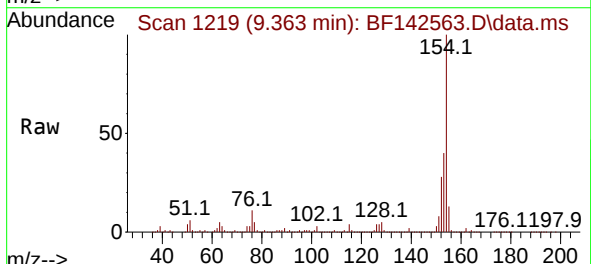
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

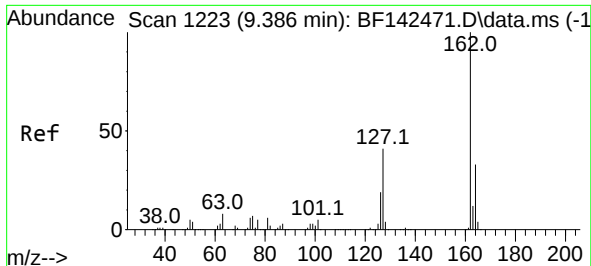
Tgt Ion:172 Resp: 849790
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 47.605 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:154 Resp: 743409
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 11.0 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.348 ng

RT: 9.387 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

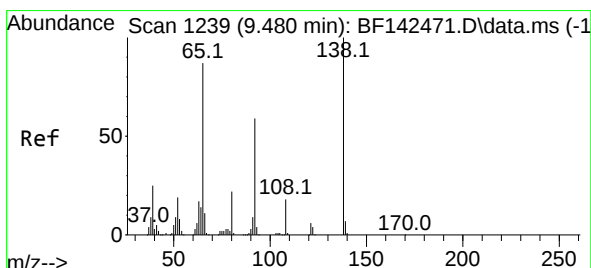
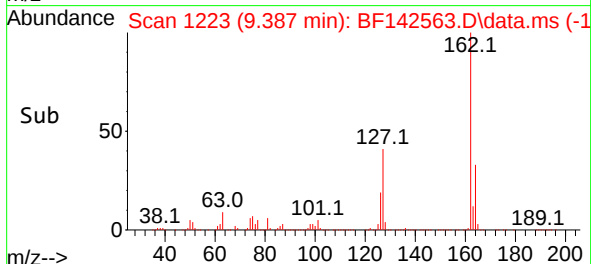
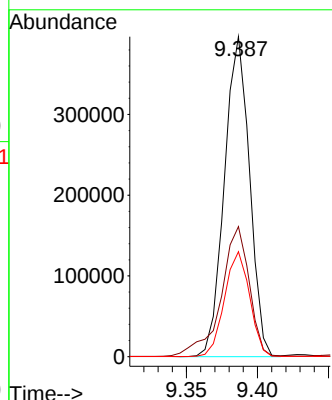
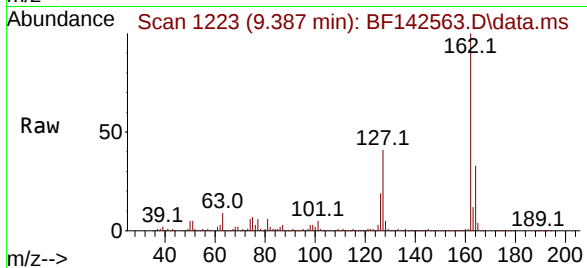
Tgt Ion:162 Resp: 488604

Ion Ratio Lower Upper

162 100

127 40.7 33.5 50.3

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 43.118 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.005 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

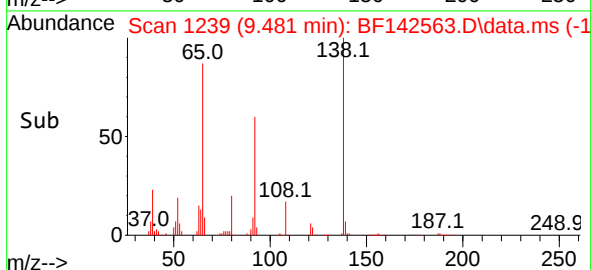
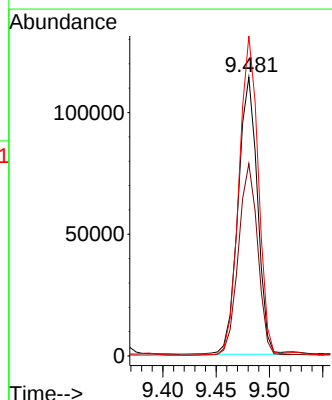
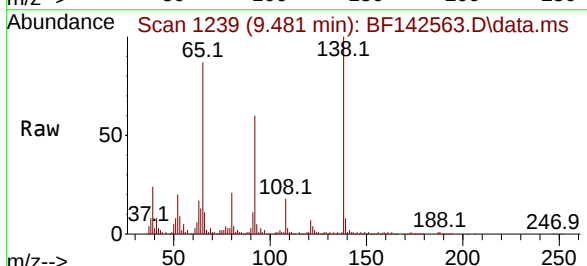
Tgt Ion: 65 Resp: 143794

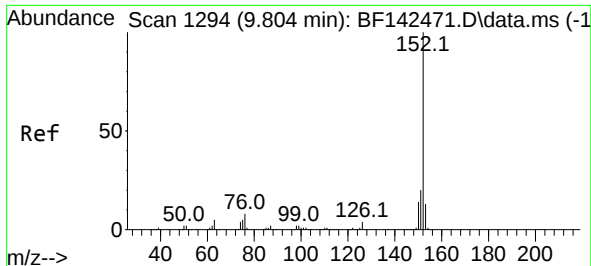
Ion Ratio Lower Upper

65 100

92 69.0 54.4 81.6

138 114.7 91.4 137.2

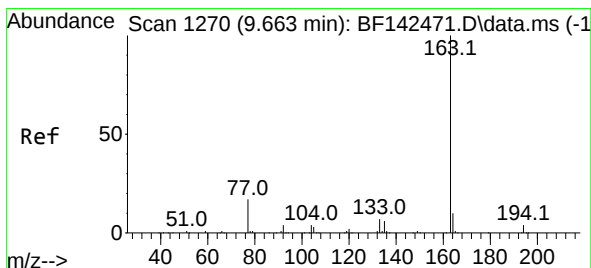
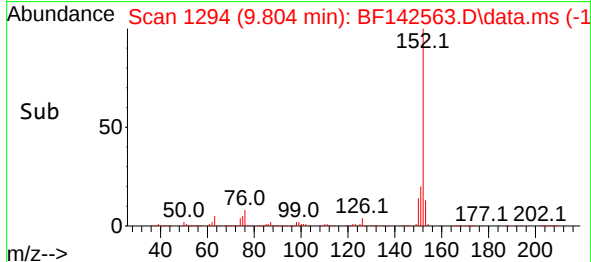
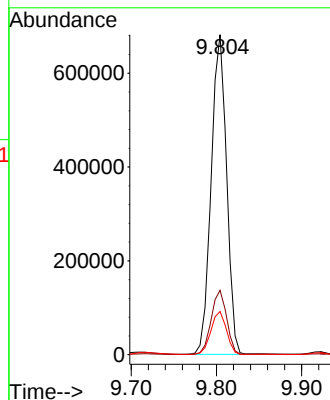
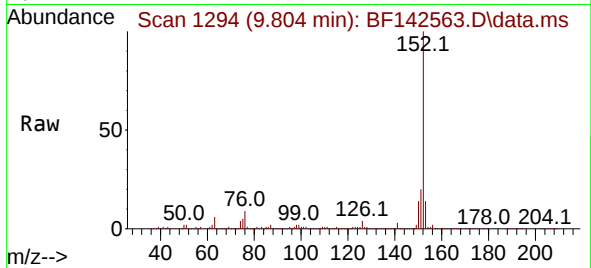




#49
Acenaphthylene
Concen: 44.019 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

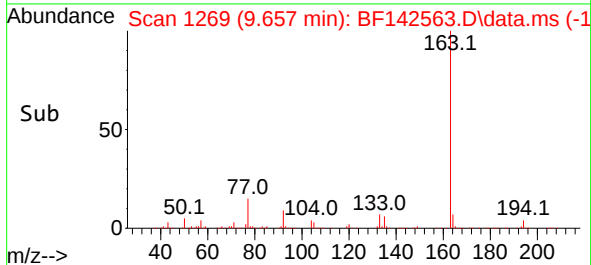
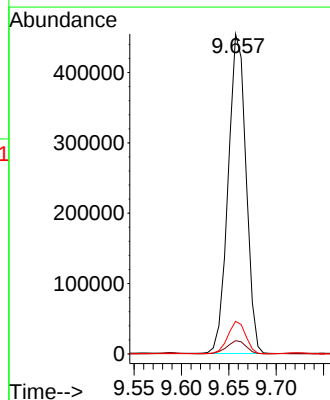
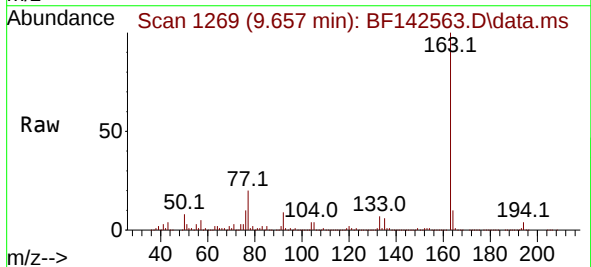
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

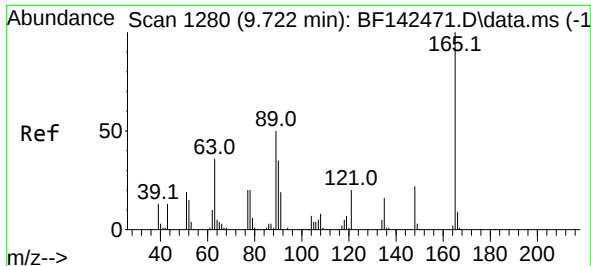
Tgt Ion:152 Resp: 857604
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 44.864 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:163 Resp: 595869
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 42.863 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

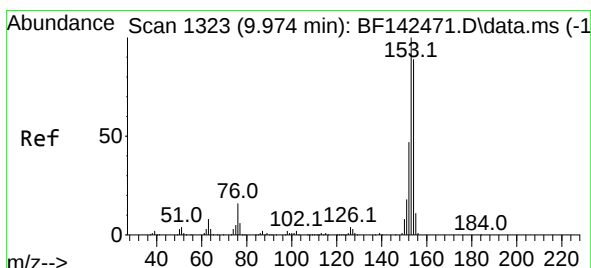
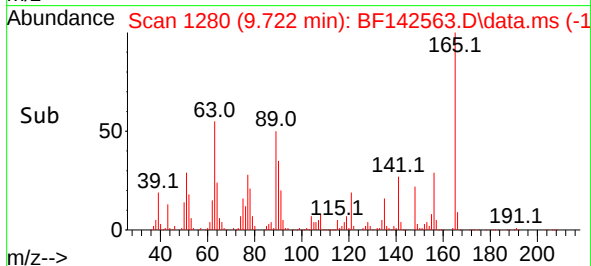
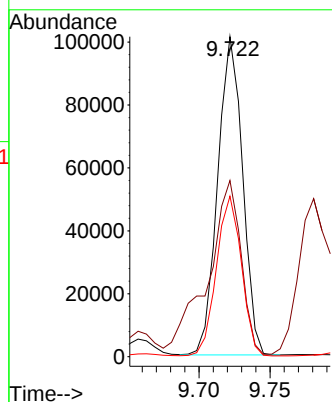
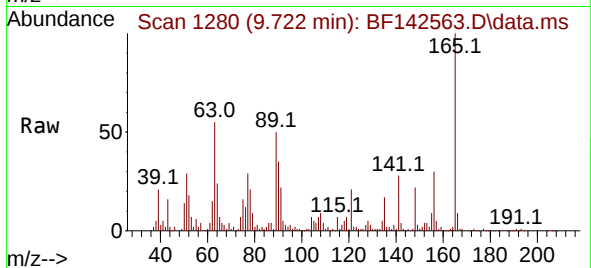
Tgt Ion:165 Resp: 122869

Ion Ratio Lower Upper

165 100

63 55.0 42.9 64.3

89 50.2 40.2 60.4



#52

Acenaphthene

Concen: 56.999 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

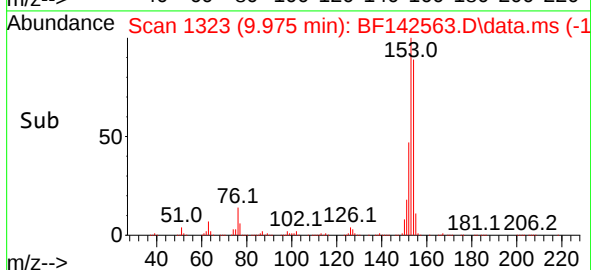
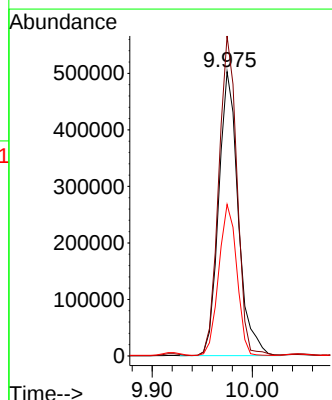
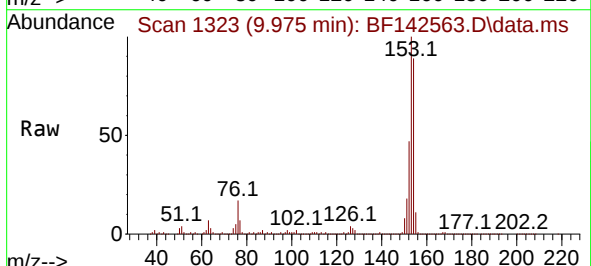
Tgt Ion:154 Resp: 678082

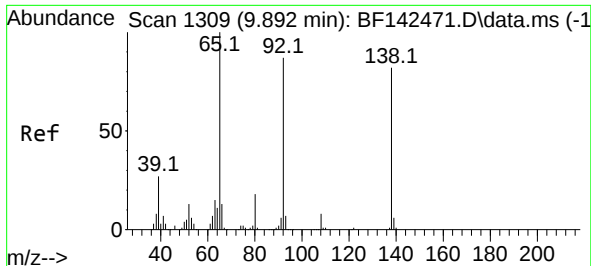
Ion Ratio Lower Upper

154 100

153 112.5 90.0 135.0

152 53.3 42.6 64.0

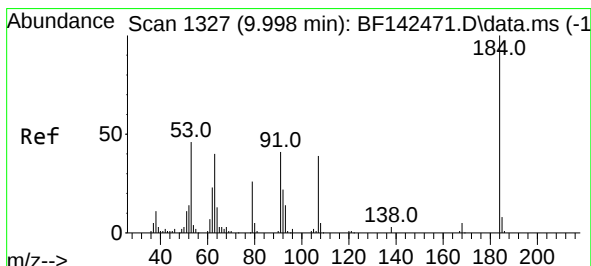
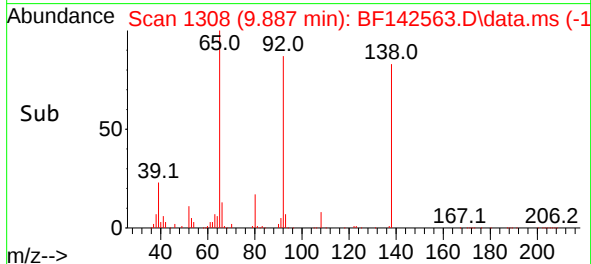
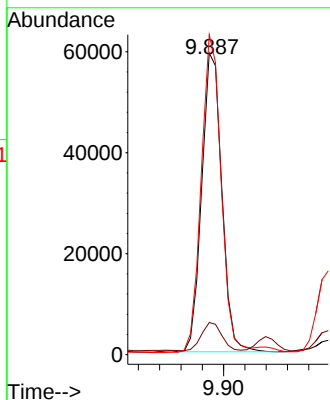
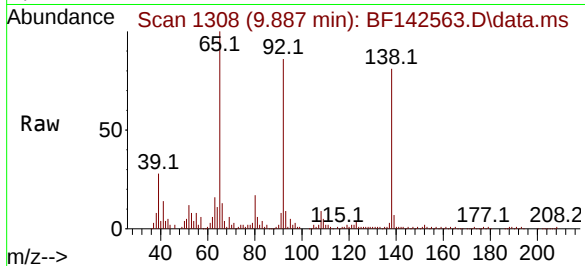




#53
3-Nitroaniline
Concen: 24.769 ng
RT: 9.887 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

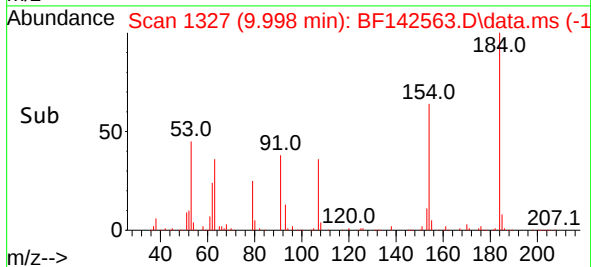
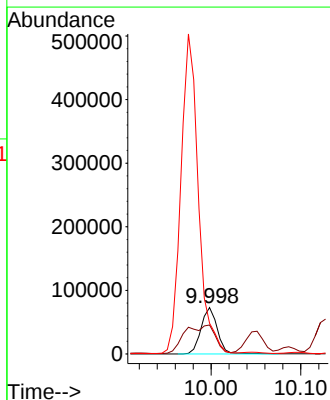
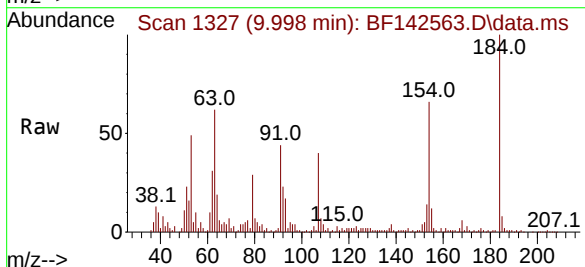
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

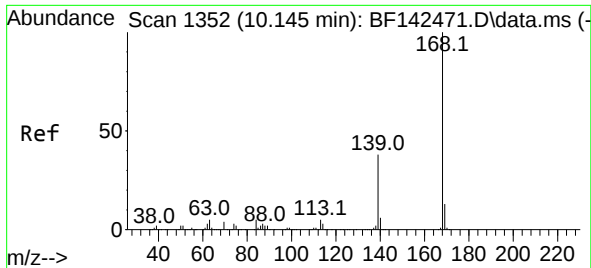
Tgt Ion:138 Resp: 77550
Ion Ratio Lower Upper
138 100
108 10.7 8.1 12.1
92 106.1 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 62.270 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:184 Resp: 92220
Ion Ratio Lower Upper
184 100
63 62.2 46.3 69.5
154 66.1 56.8 85.2

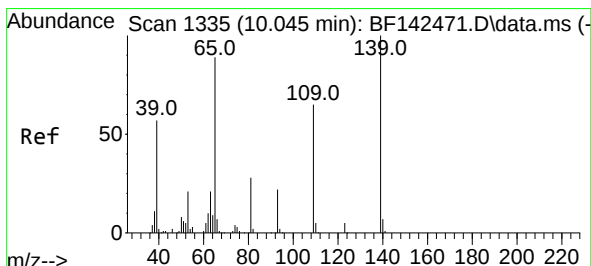
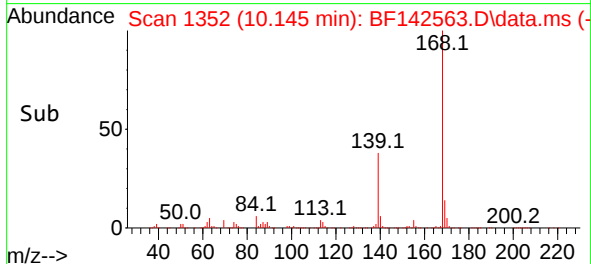
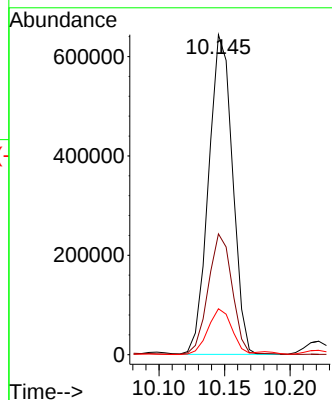
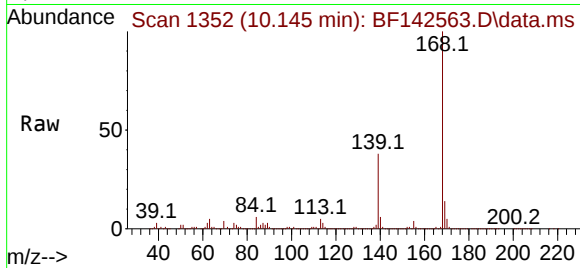




#55
Dibenzofuran
Concen: 47.743 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

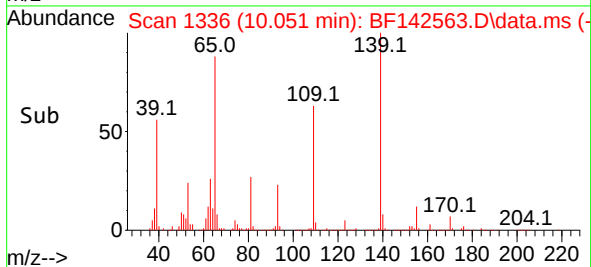
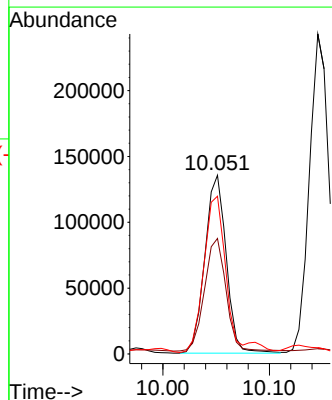
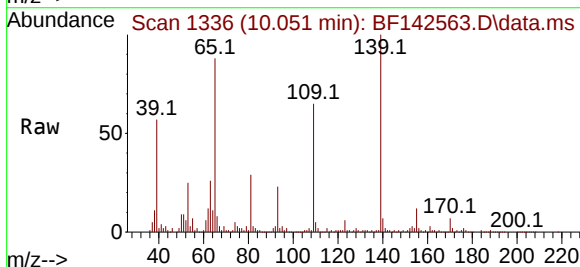
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

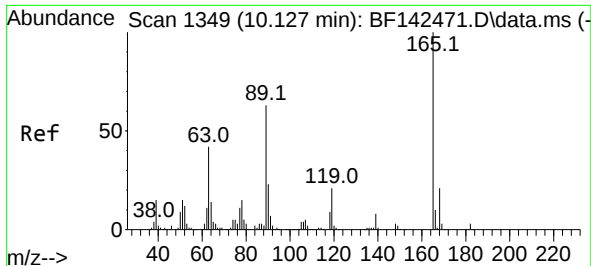
Tgt Ion:168 Resp: 817316
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.2
169 14.3 10.7 16.1



#56
4-Nitrophenol
Concen: 81.463 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:139 Resp: 188194
Ion Ratio Lower Upper
139 100
109 64.6 45.1 85.1
65 88.2 69.7 109.7

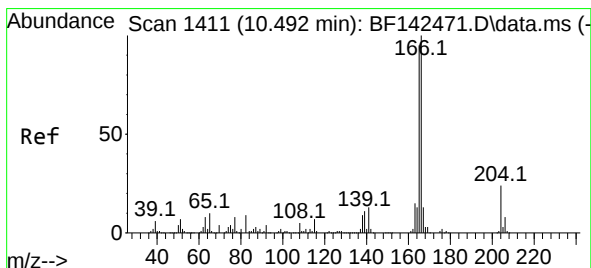
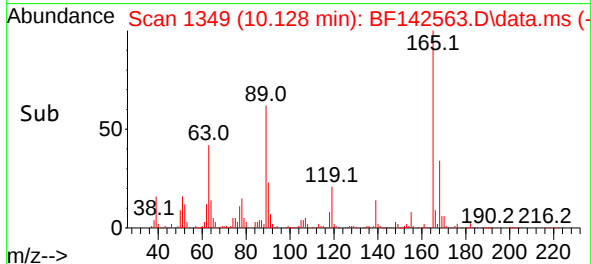
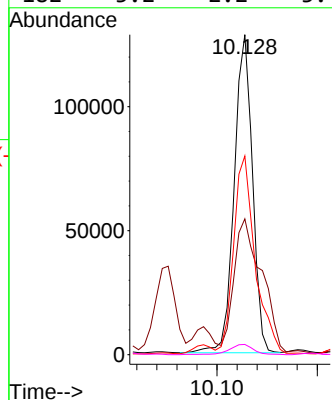
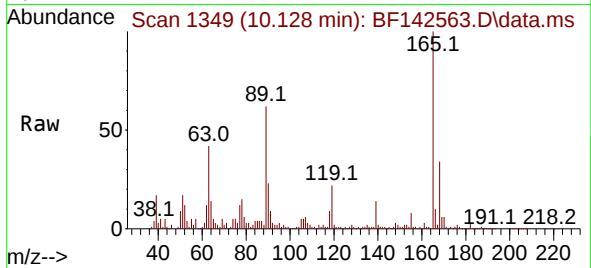




#57
2,4-Dinitrotoluene
Concen: 43.374 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

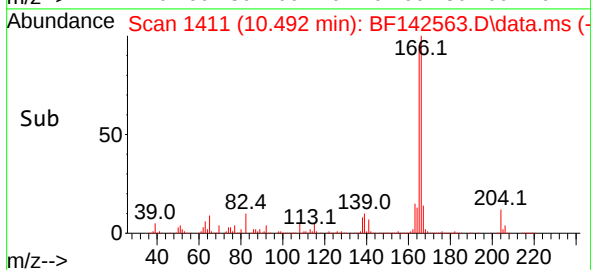
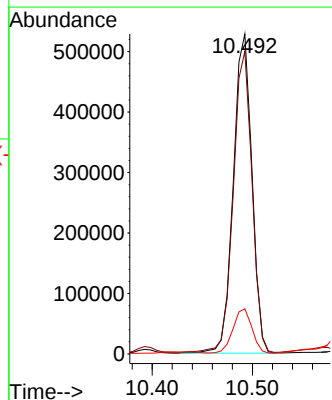
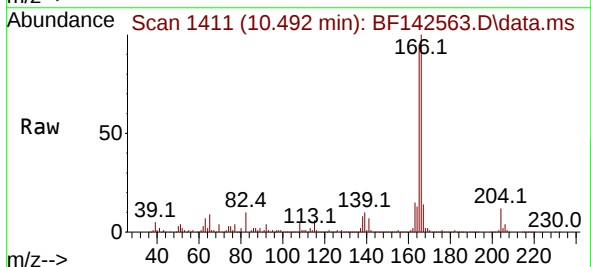
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

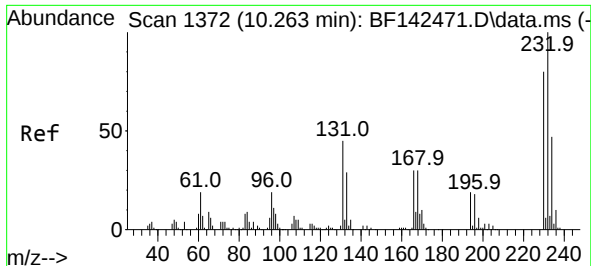
Tgt Ion:165 Resp: 162376
Ion Ratio Lower Upper
165 100
63 42.5 33.6 50.4
89 62.1 50.2 75.4
182 3.2 2.2 3.4



#58
Fluorene
Concen: 51.500 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:166 Resp: 681105
Ion Ratio Lower Upper
166 100
165 94.6 75.8 113.8
167 14.1 10.6 16.0

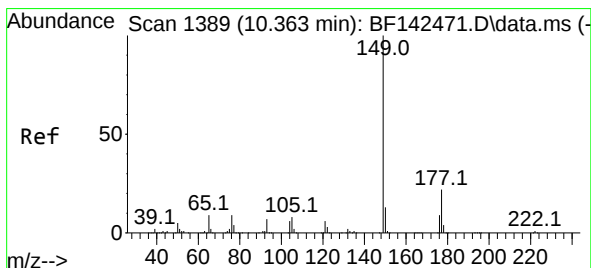
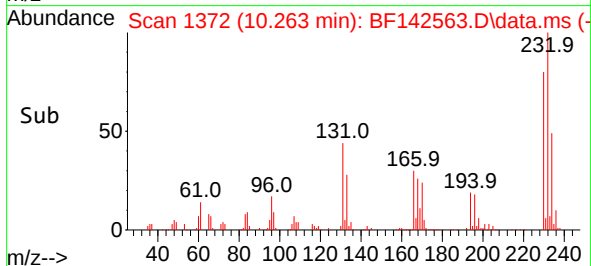
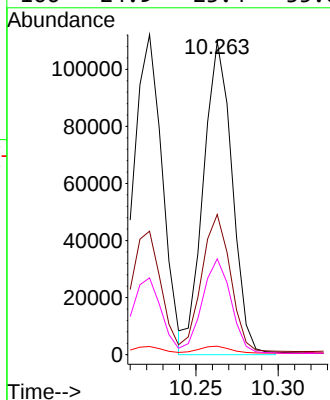
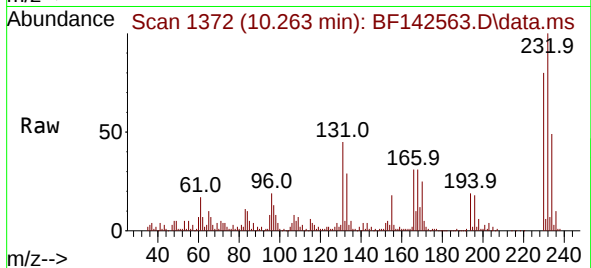




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.030 ng m
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

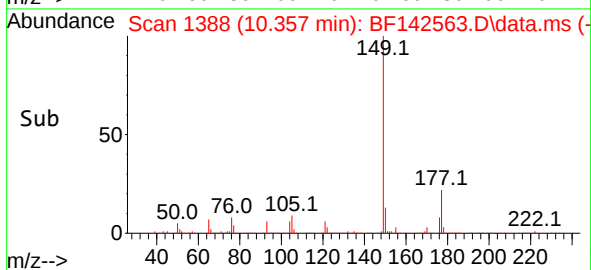
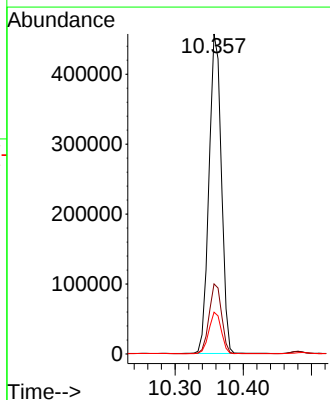
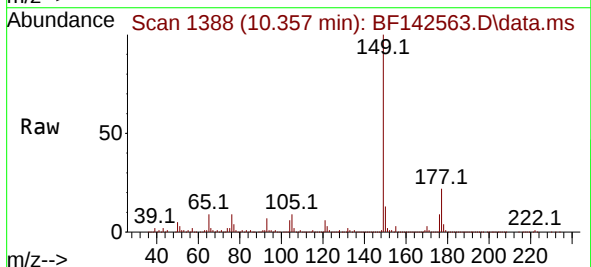
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

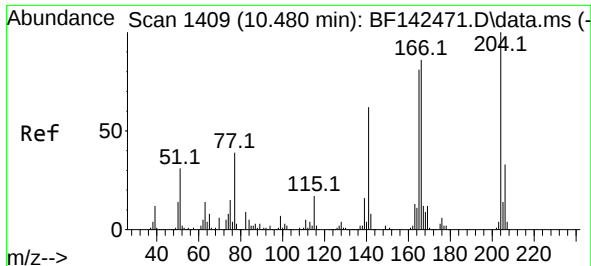
Tgt Ion:232 Resp: 133889
Ion Ratio Lower Upper
232 100
131 40.2 35.2 52.8
130 2.4 1.7 2.5
166 24.9 23.4 35.0



#60
Diethylphthalate
Concen: 44.385 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:149 Resp: 575732
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 13.1 10.1 15.1

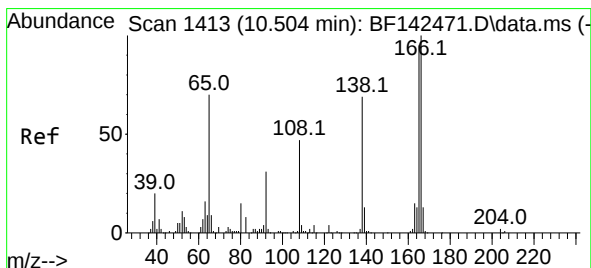
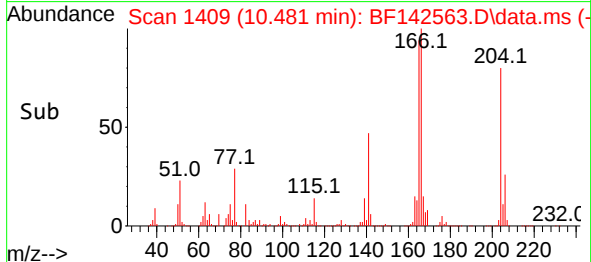
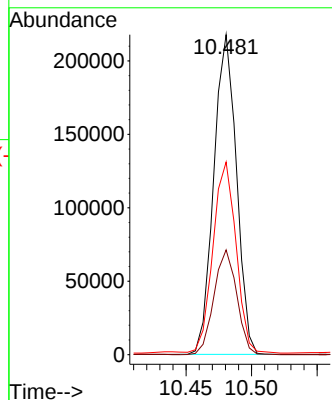
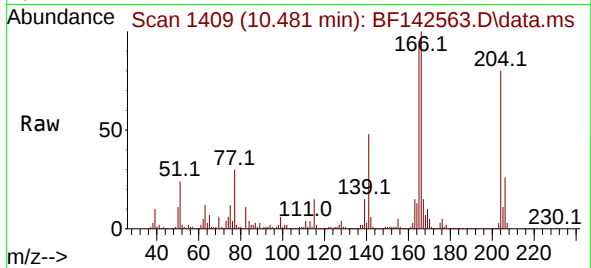




#61
4-Chlorophenyl-phenylether
Concen: 40.283 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

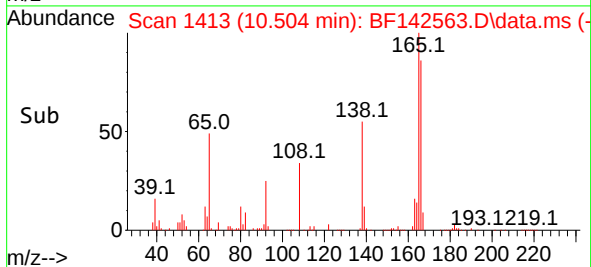
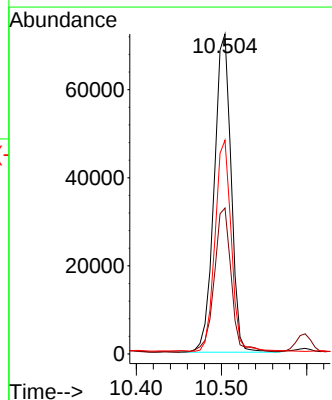
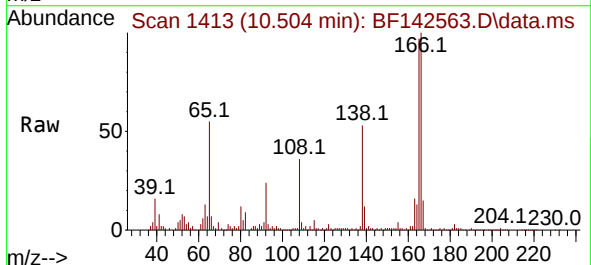
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

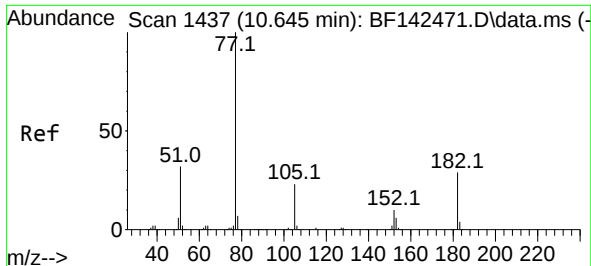
Tgt Ion:204 Resp: 261713
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 60.2 49.5 74.3



#62
4-Nitroaniline
Concen: 35.013 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:138 Resp: 99424
Ion Ratio Lower Upper
138 100
92 45.6 26.0 66.0
108 66.8 48.4 88.4

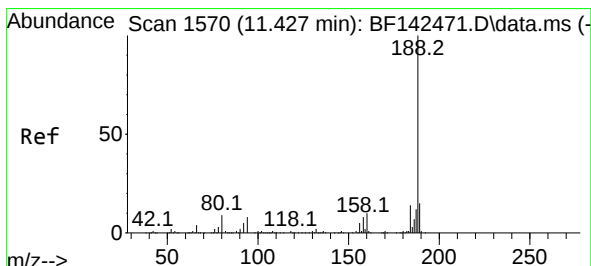
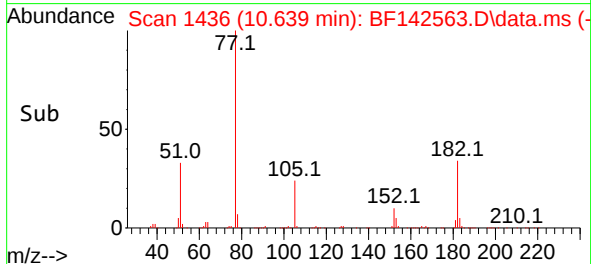
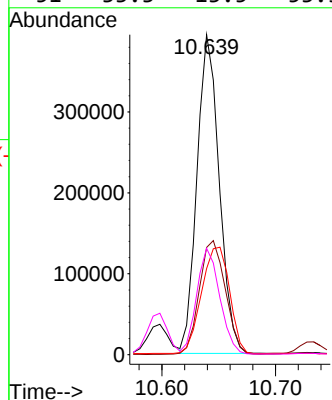
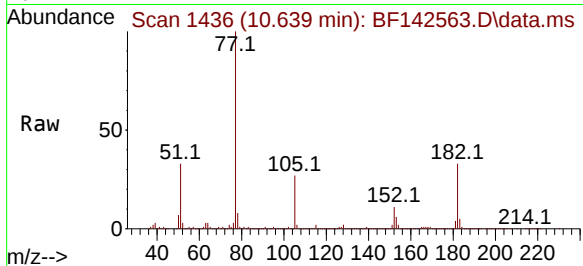




#63
Azobenzene
Concen: 46.056 ng
RT: 10.639 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

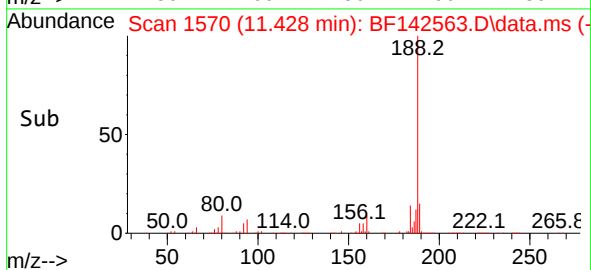
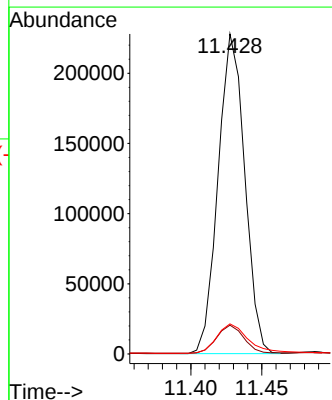
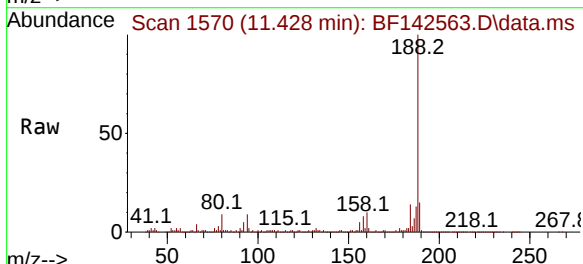
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

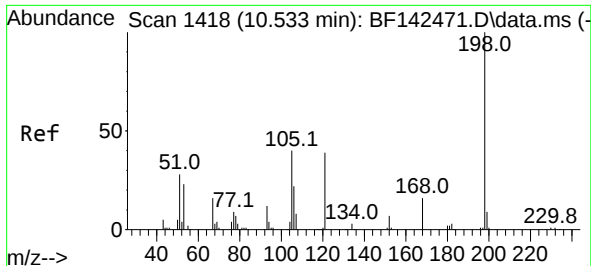
Tgt Ion:	77	Resp:	536589
Ion	Ratio	Lower	Upper
77	100		
182	33.5	9.0	49.0
105	26.9	2.4	42.4
51	33.3	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:	188	Resp:	296785
Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.4	7.4	11.0

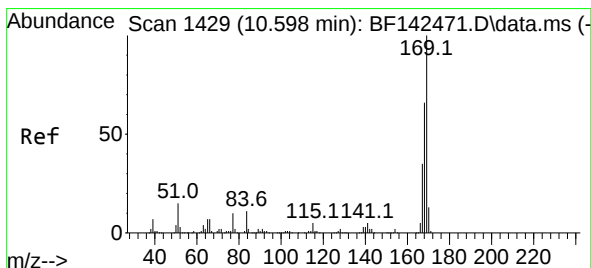
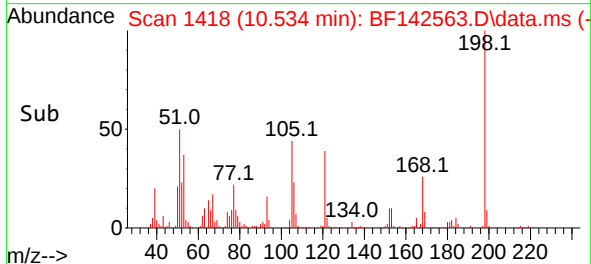
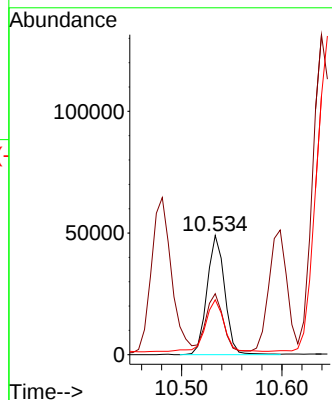
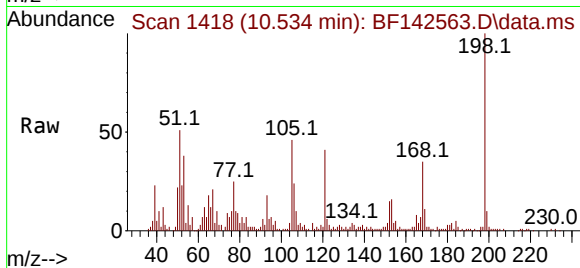




#65
4,6-Dinitro-2-methylphenol
Concen: 36.381 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

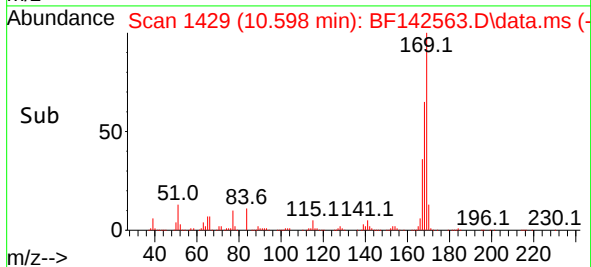
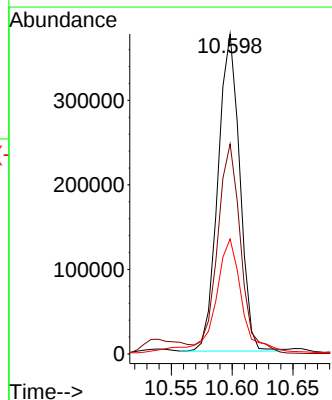
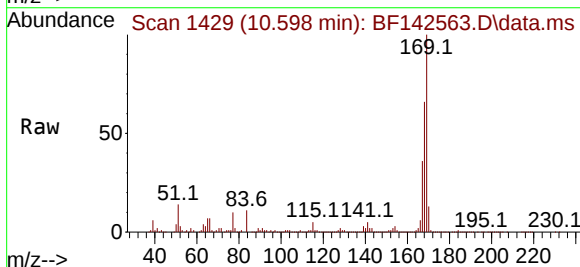
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

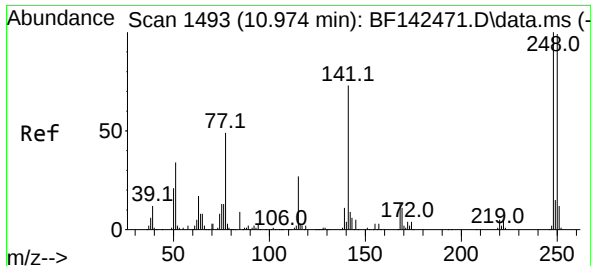
Tgt Ion:198 Resp: 60257
Ion Ratio Lower Upper
198 100
51 51.2 28.3 68.3
105 46.0 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 46.048 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:169 Resp: 467551
Ion Ratio Lower Upper
169 100
168 65.6 52.7 79.1
167 36.0 28.3 42.5

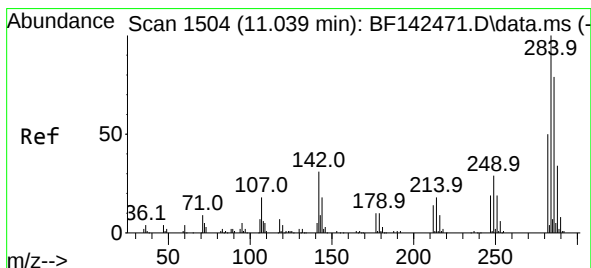
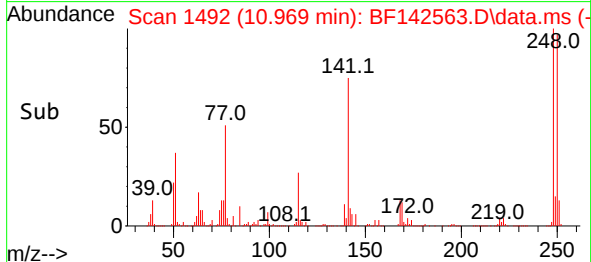
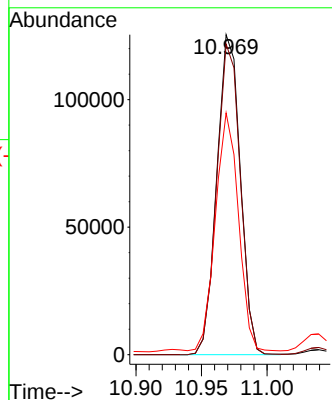
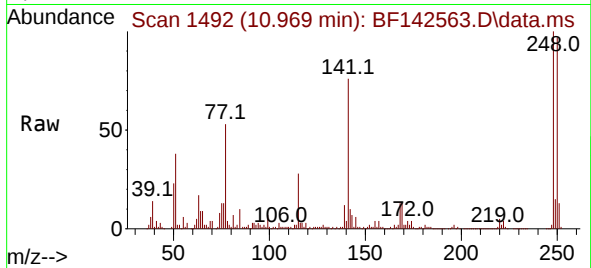




#67
4-Bromophenyl-phenylether
Concen: 44.600 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

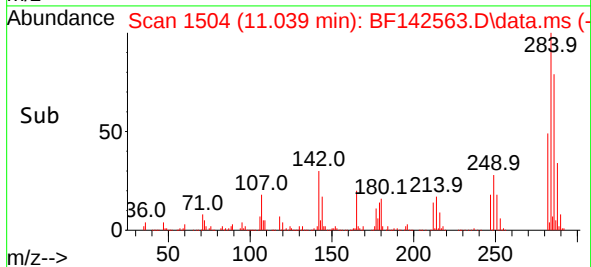
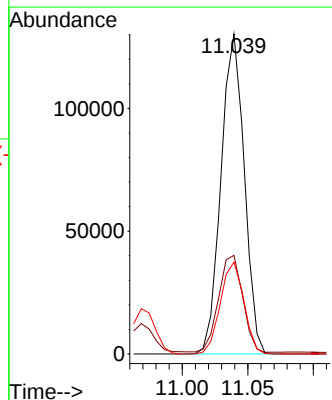
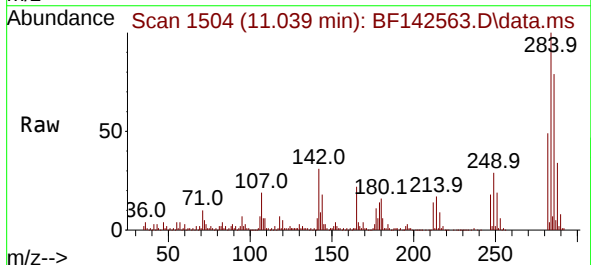
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

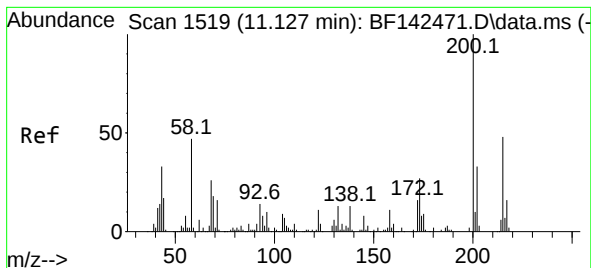
Tgt Ion:248 Resp: 156512
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.4
141 75.5 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.350 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:284 Resp: 160494
Ion Ratio Lower Upper
284 100
142 30.8 24.8 37.2
249 28.7 23.6 35.4





#69

Atrazine

Concen: 52.724 ng

RT: 11.128 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

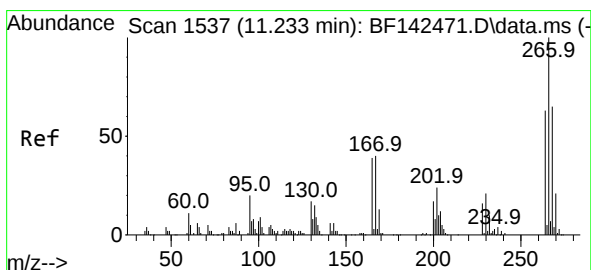
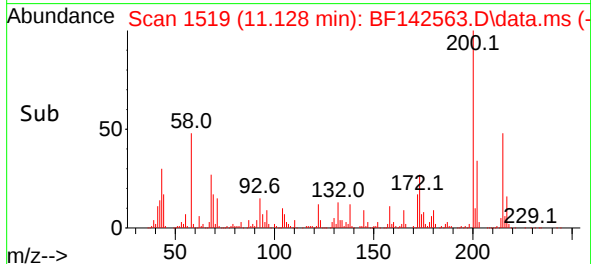
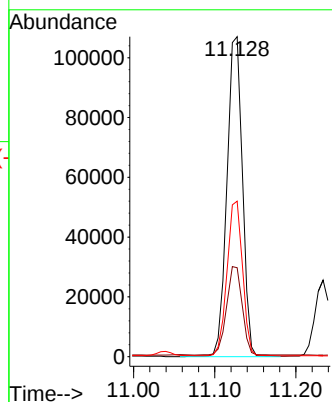
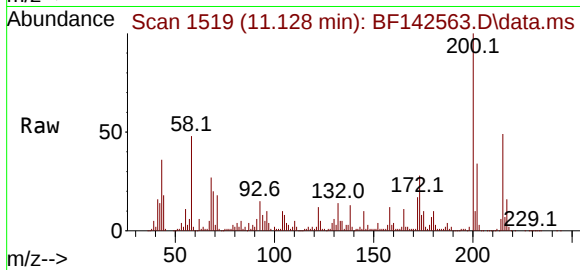
Tgt Ion:200 Resp: 142171

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 48.6 28.5 68.5



#70

Pentachlorophenol

Concen: 87.163 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

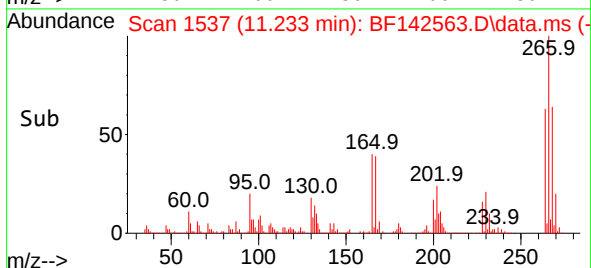
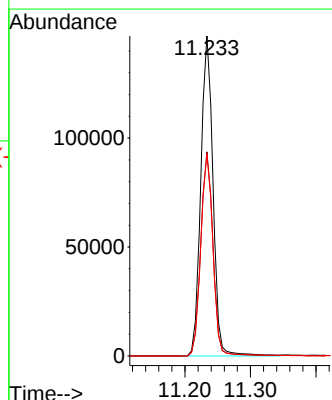
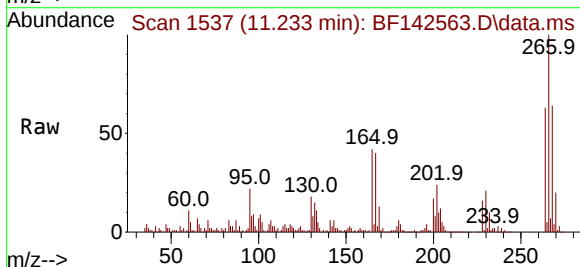
Tgt Ion:266 Resp: 191004

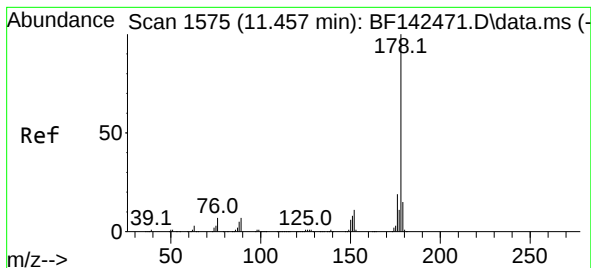
Ion Ratio Lower Upper

266 100

268 63.8 51.7 77.5

264 63.0 50.4 75.6





#71

Phenanthrene

Concen: 87.228 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

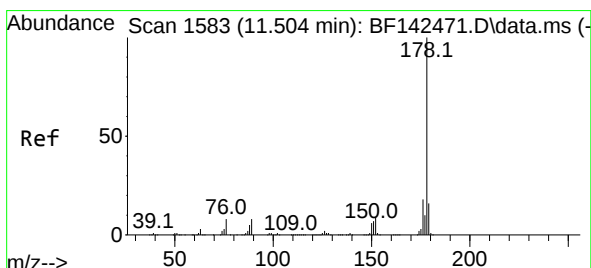
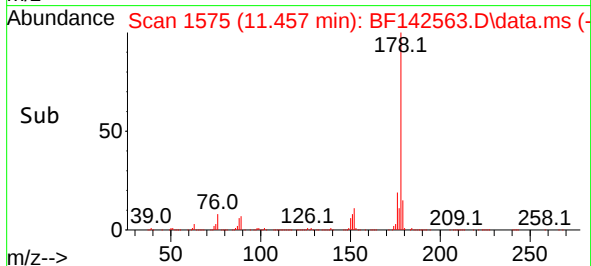
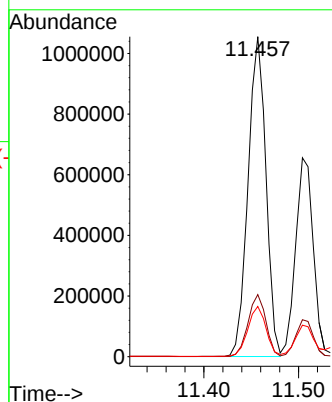
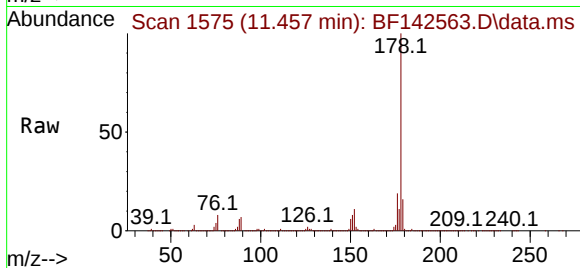
Tgt Ion:178 Resp: 1383509

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.7 12.3 18.5



#72

Anthracene

Concen: 51.952 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

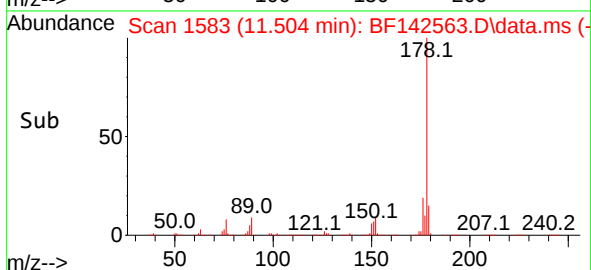
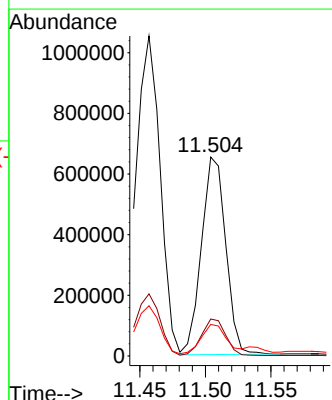
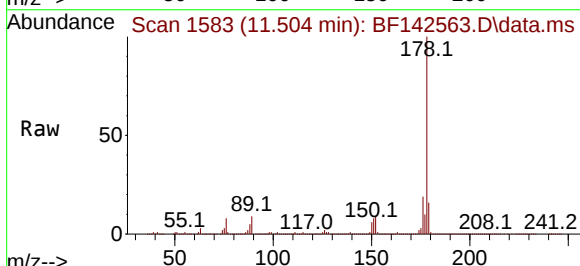
Tgt Ion:178 Resp: 840964

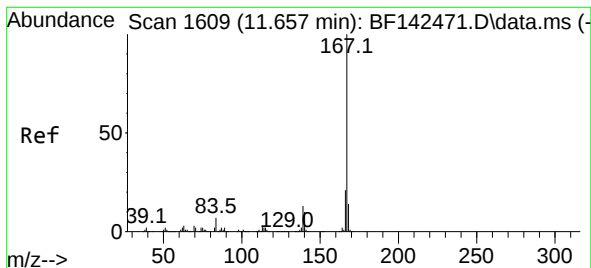
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

179 15.9 12.4 18.6





#73

Carbazole

Concen: 51.419 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

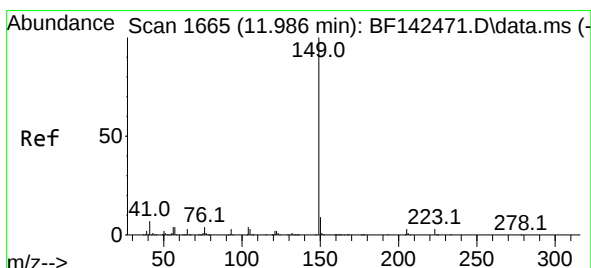
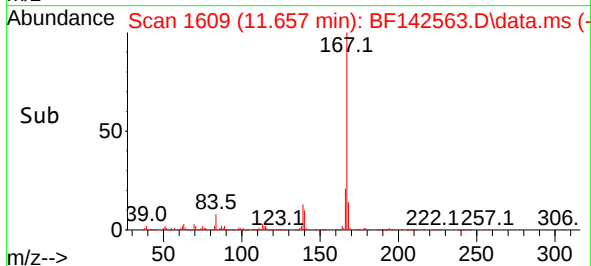
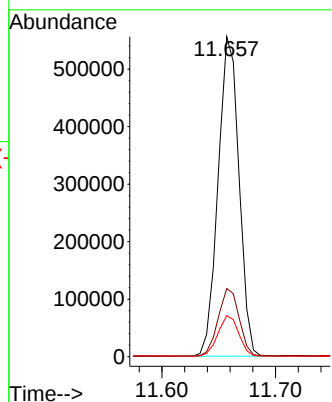
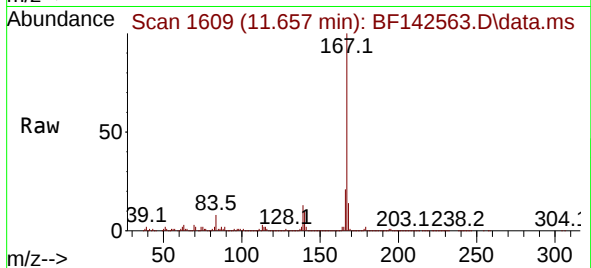
Tgt Ion:167 Resp: 711553

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 54.802 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

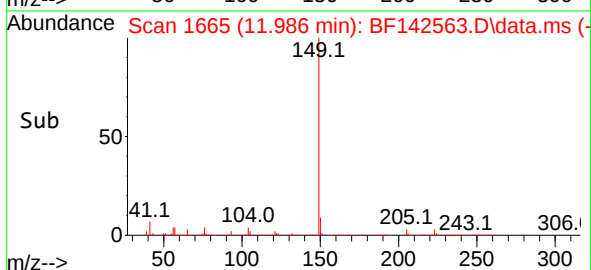
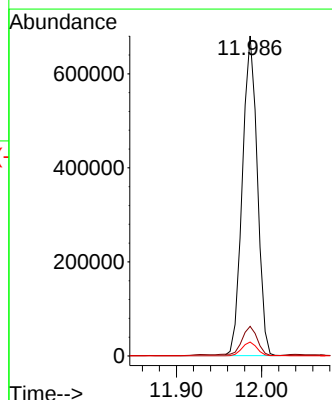
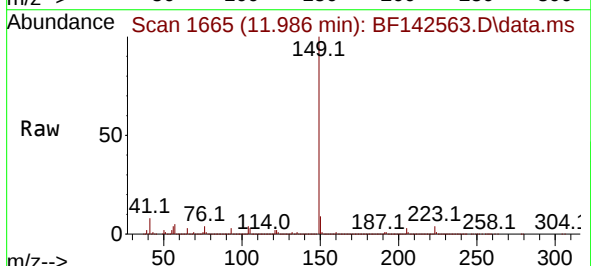
Tgt Ion:149 Resp: 830102

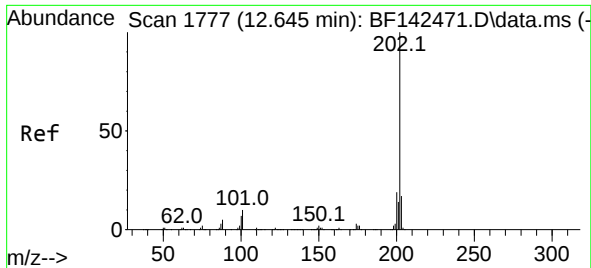
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.3 3.6 5.4

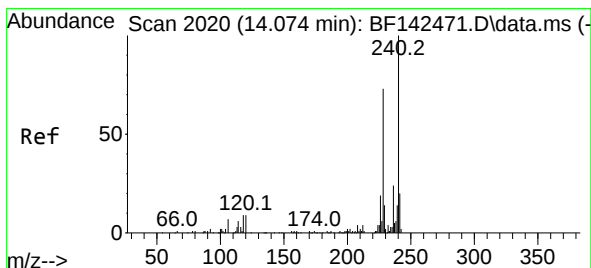
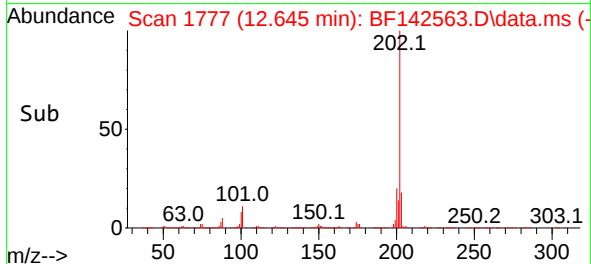
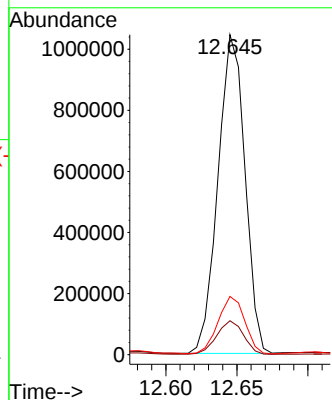
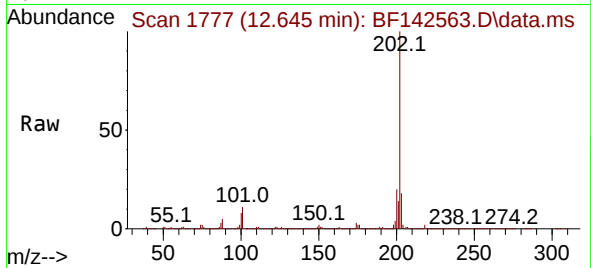




#75
Fluoranthene
Concen: 92.990 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

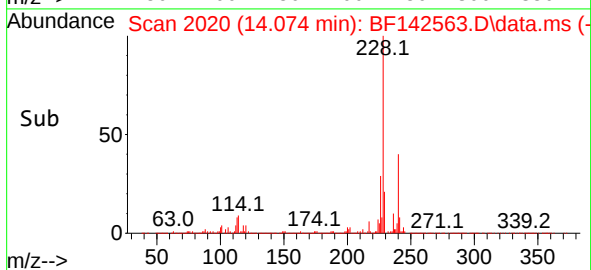
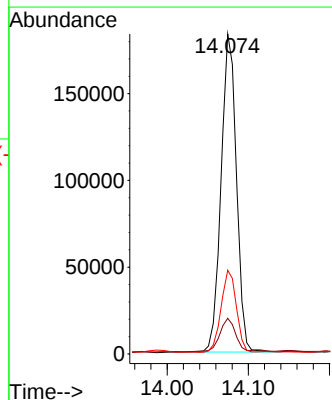
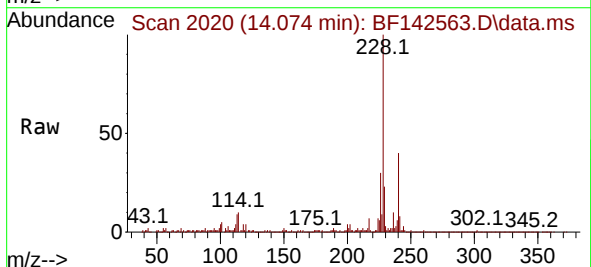
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

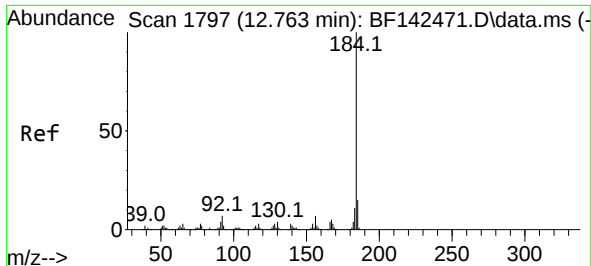
Tgt Ion:202 Resp: 1378138
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.6
203 18.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:240 Resp: 241729
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 26.2 19.6 29.4

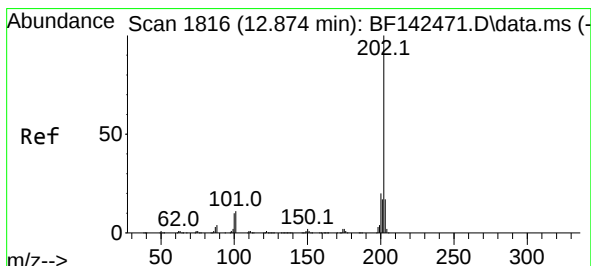
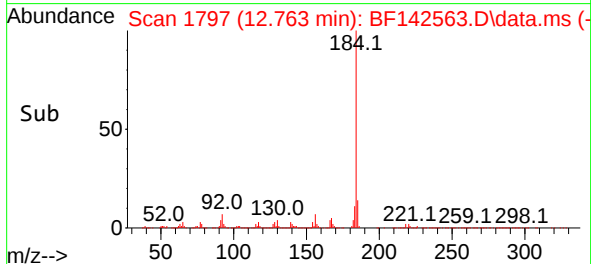
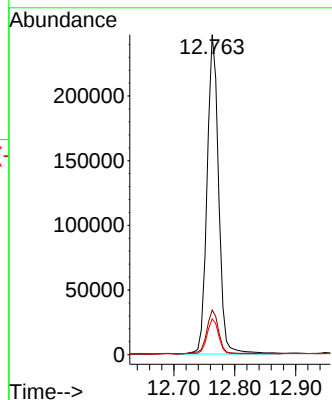
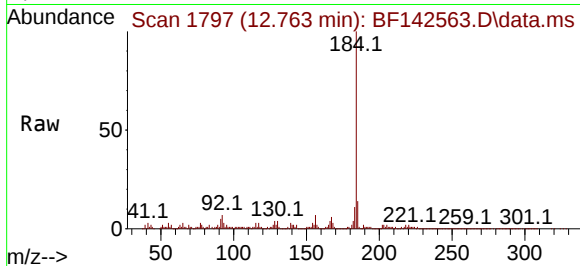




#77
Benzidine
Concen: 36.220 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

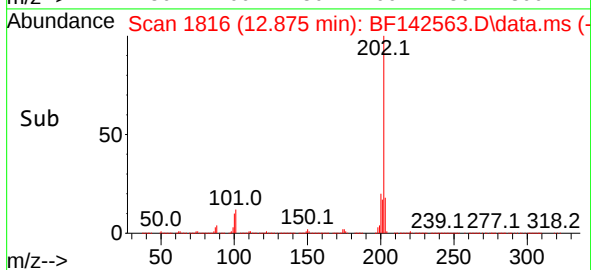
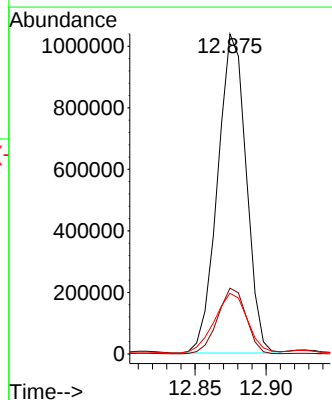
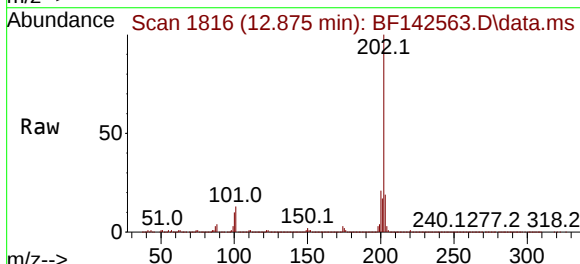
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

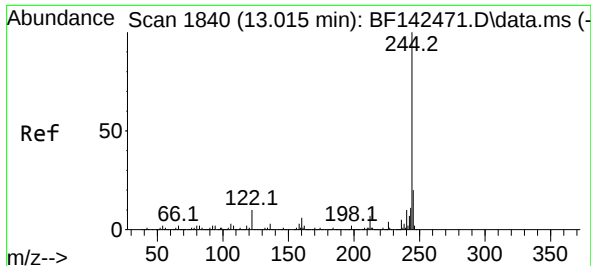
Tgt Ion:184 Resp: 325816
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 11.2 9.0 13.4



#78
Pyrene
Concen: 64.395 ng
RT: 12.875 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:202 Resp: 1452091
Ion Ratio Lower Upper
202 100
200 20.6 16.1 24.1
203 18.9 13.9 20.9

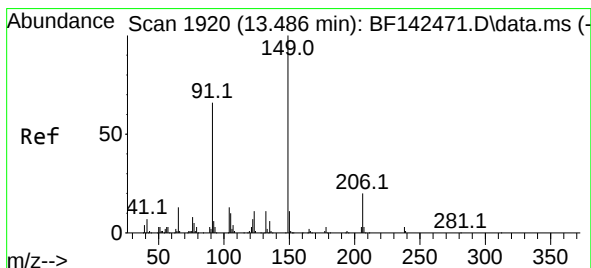
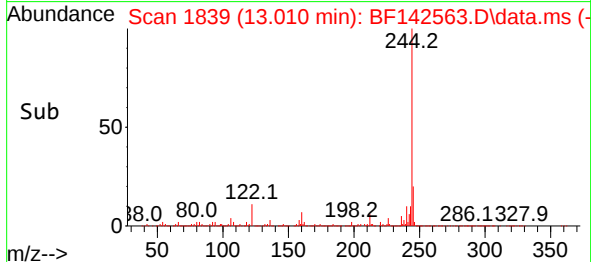
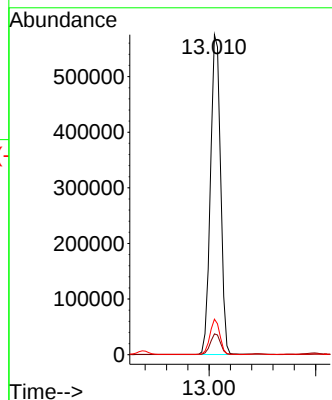
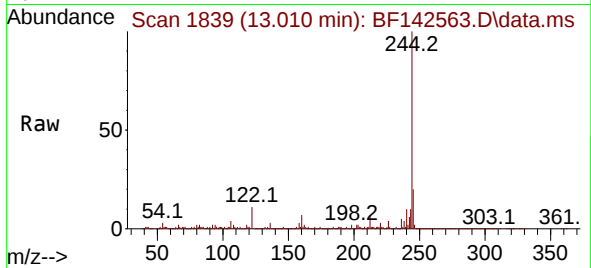




#79
 Terphenyl-d14
 Concen: 42.938 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142563.D
 Acq: 27 May 2025 15:52

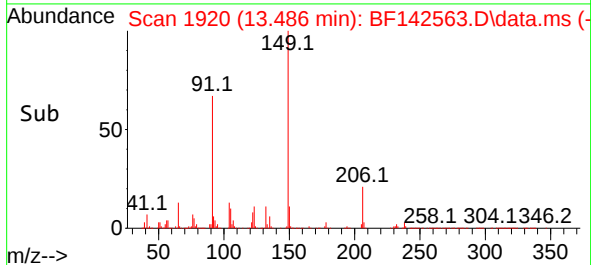
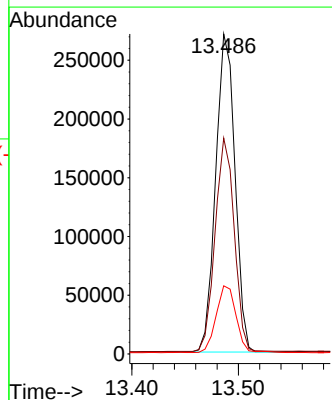
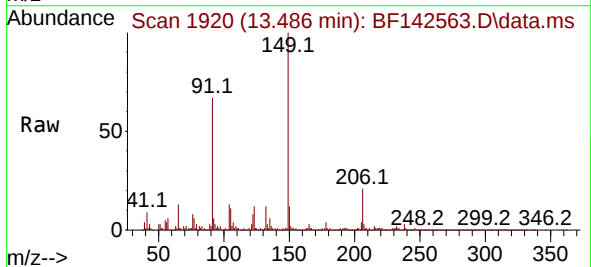
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

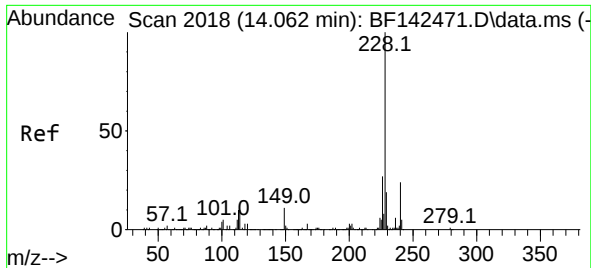
Tgt Ion:244 Resp: 759537
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 11.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 54.562 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142563.D
 Acq: 27 May 2025 15:52

Tgt Ion:149 Resp: 339970
 Ion Ratio Lower Upper
 149 100
 91 67.4 52.9 79.3
 206 21.3 16.2 24.2

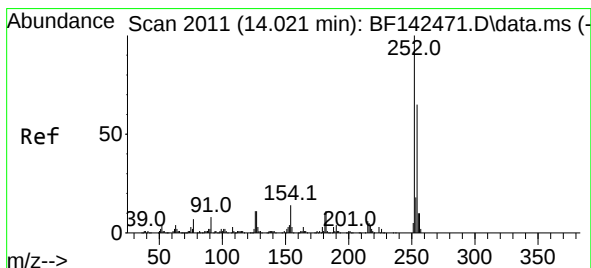
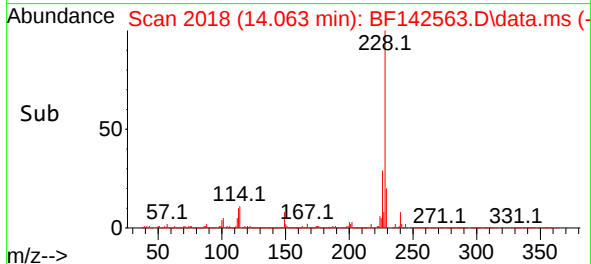
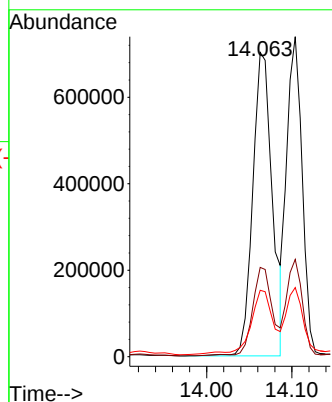
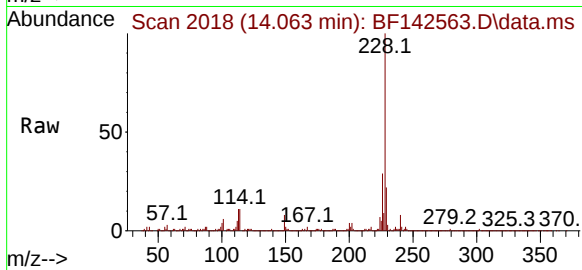




#81
Benzo(a)anthracene
Concen: 69.455 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

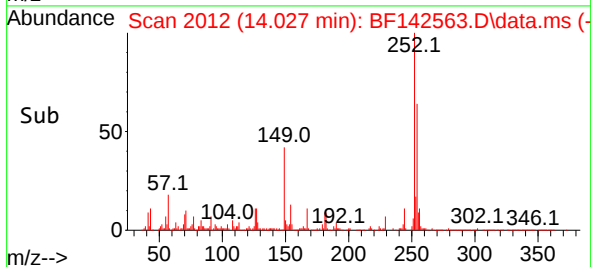
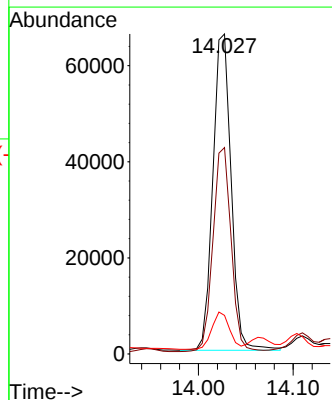
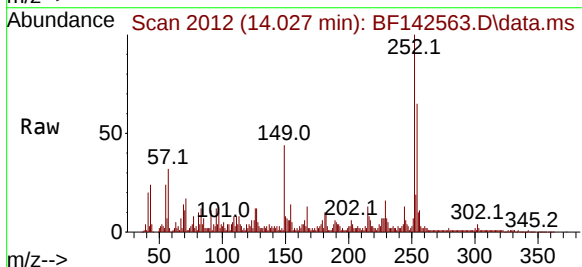
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

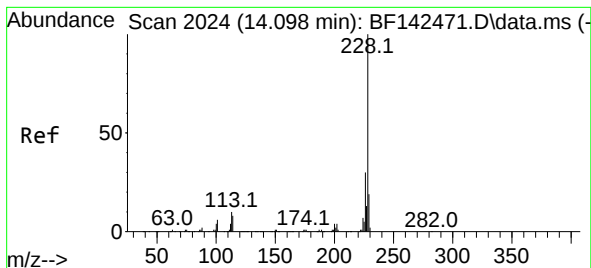
Tgt Ion:228 Resp: 1121110
Ion Ratio Lower Upper
228 100
226 29.3 21.2 31.8
229 21.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 17.959 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:252 Resp: 87926
Ion Ratio Lower Upper
252 100
254 64.5 52.0 78.0
126 12.1 8.9 13.3





#83

Chrysene

Concen: 63.773 ng

RT: 14.104 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

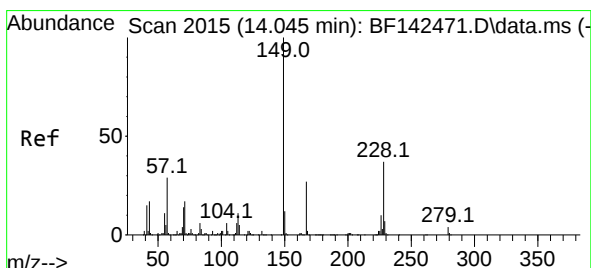
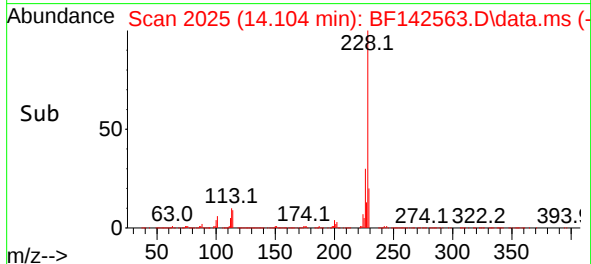
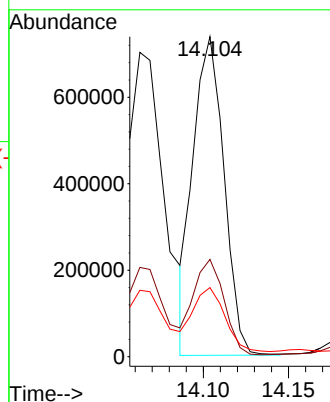
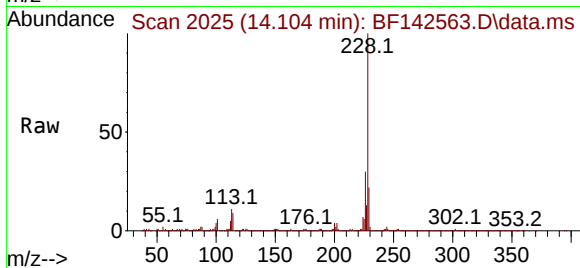
Tgt Ion:228 Resp: 924975

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 21.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.063 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

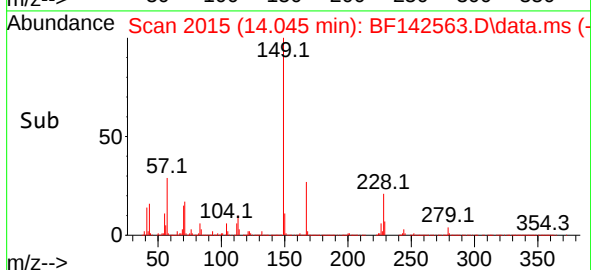
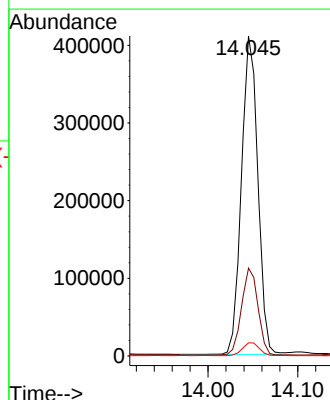
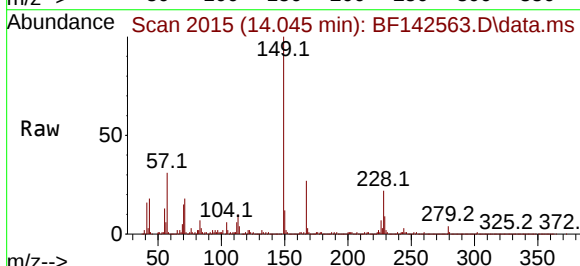
Tgt Ion:149 Resp: 518973

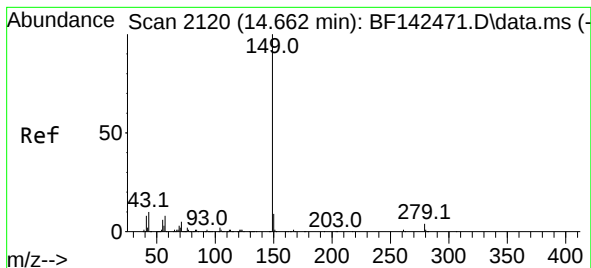
Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.092 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

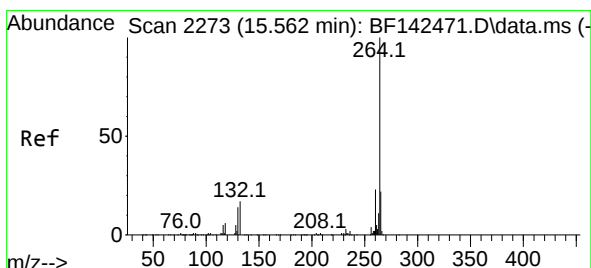
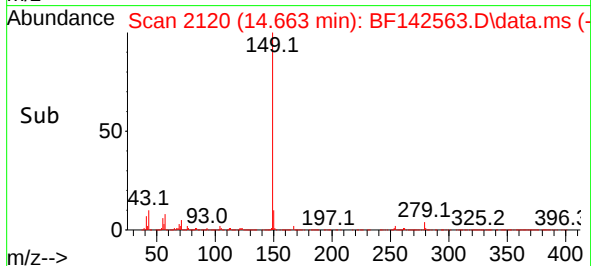
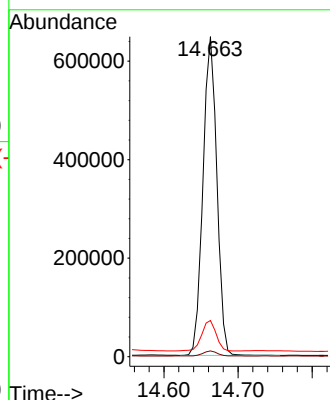
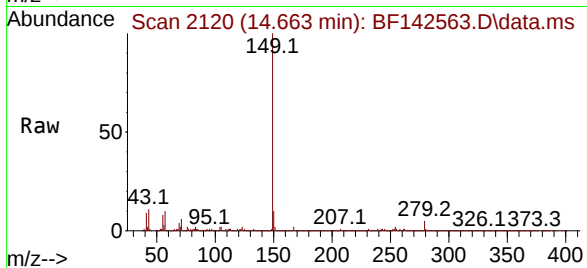
Tgt Ion:149 Resp: 843652

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.569 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

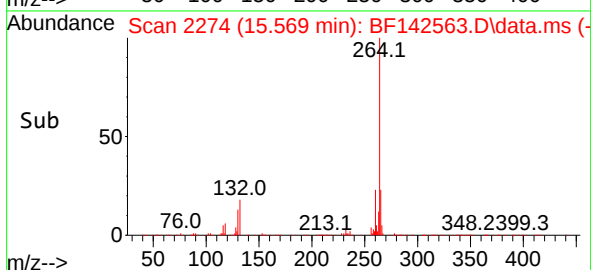
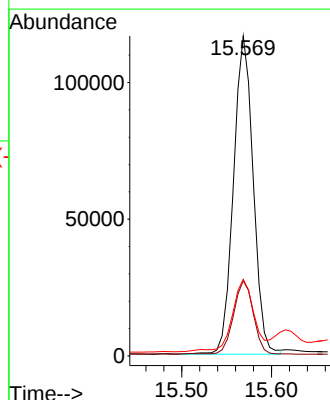
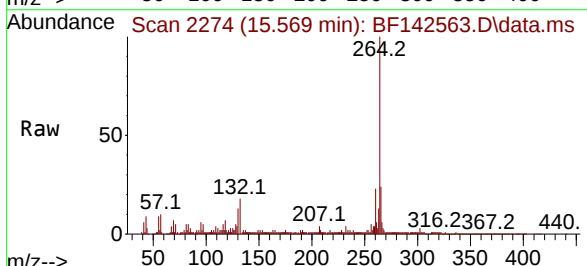
Tgt Ion:264 Resp: 177291

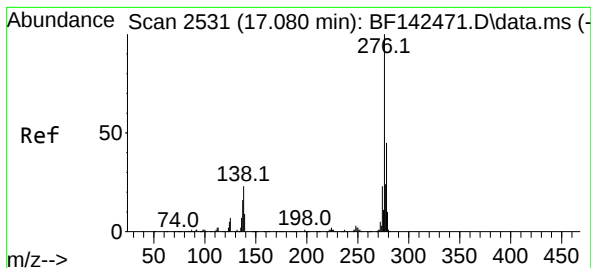
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 24.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.772 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

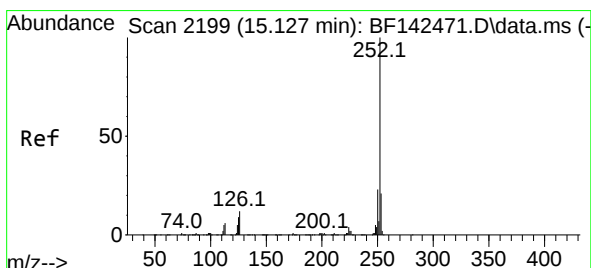
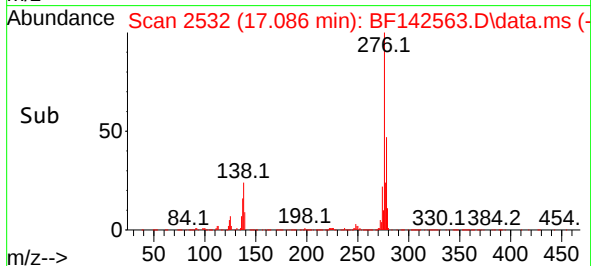
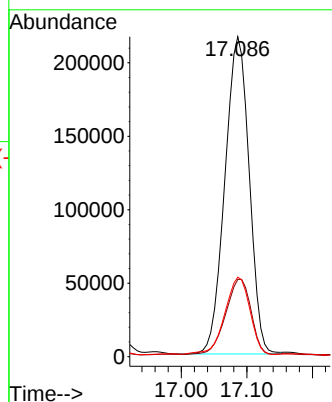
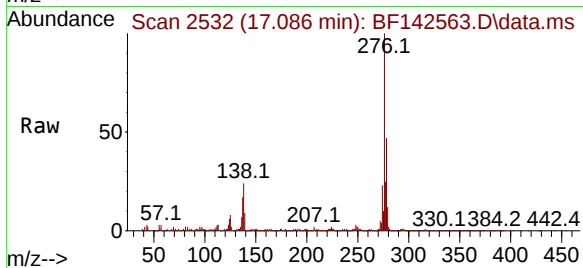
Tgt Ion:276 Resp: 555984

Ion Ratio Lower Upper

276 100

138 24.7 19.9 29.9

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 74.136 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

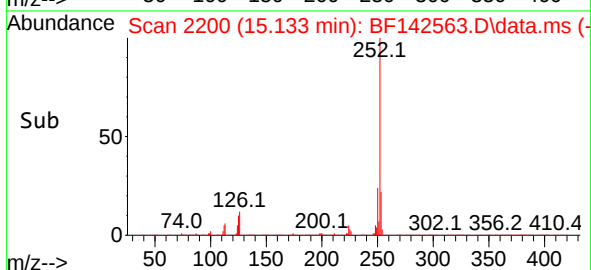
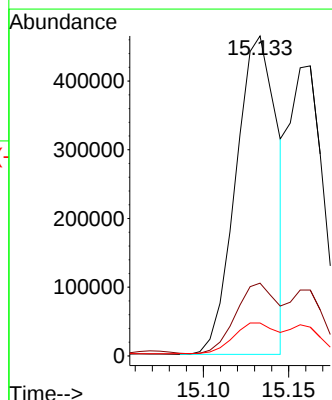
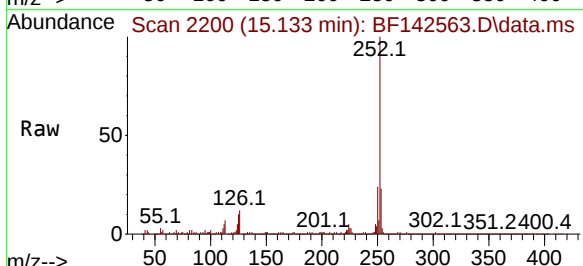
Tgt Ion:252 Resp: 777907

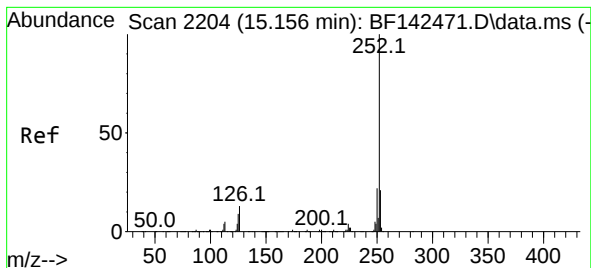
Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 10.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 59.453 ng m

RT: 15.163 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

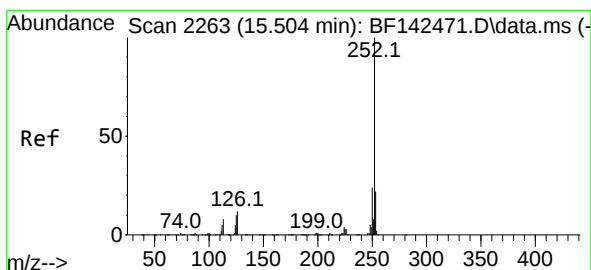
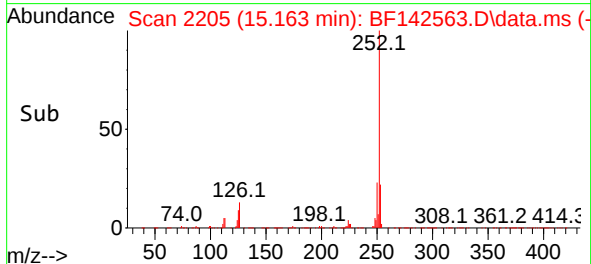
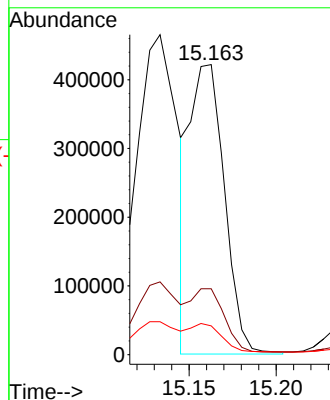
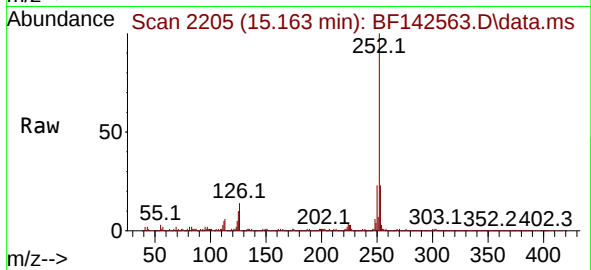
Tgt Ion:252 Resp: 584296

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 9.9 7.3 10.9



#90

Benzo(a)pyrene

Concen: 65.124 ng

RT: 15.510 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF142563.D

Acq: 27 May 2025 15:52

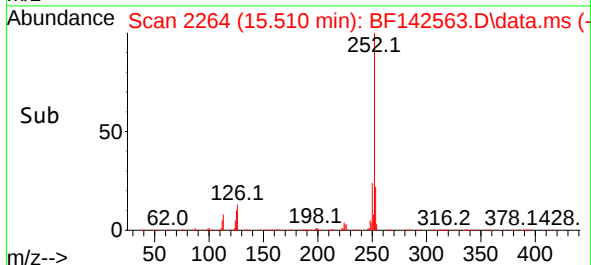
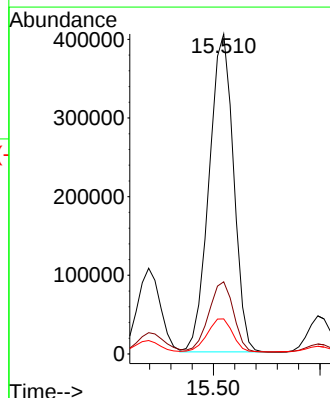
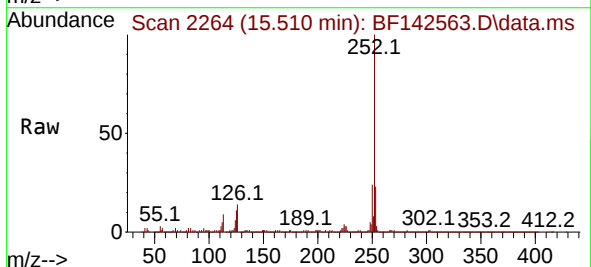
Tgt Ion:252 Resp: 644114

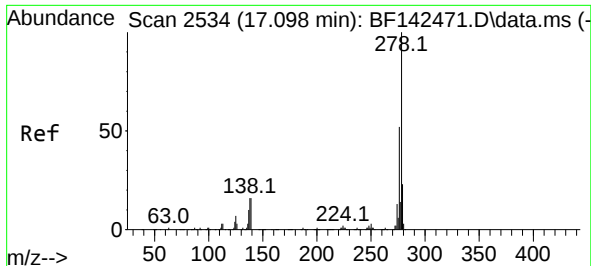
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 10.9 7.9 11.9

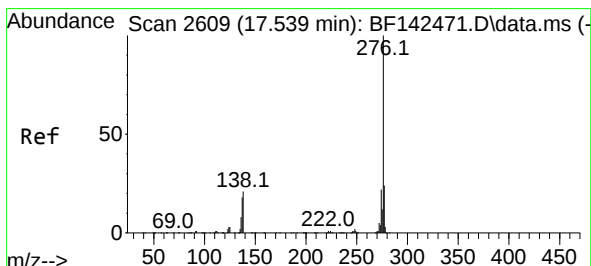
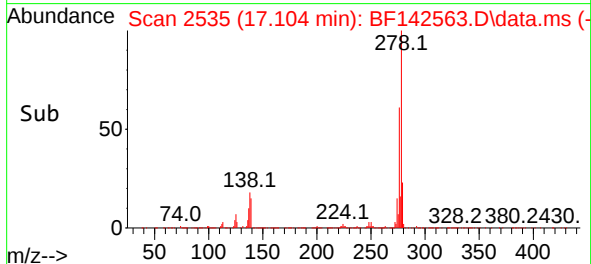
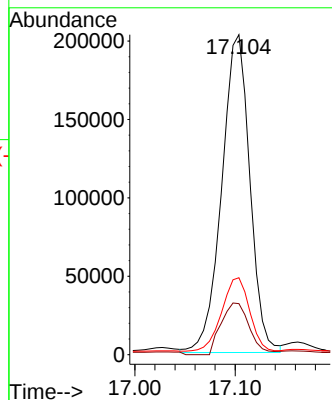
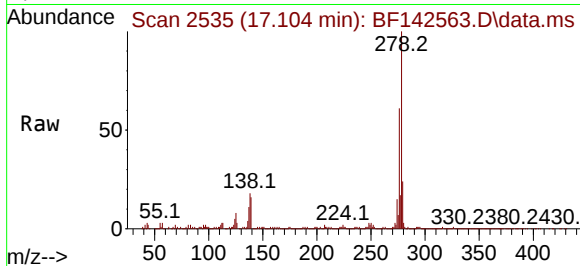




#91
Dibenzo(a,h)anthracene
Concen: 36.670 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion:278 Resp: 395847
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.520 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142563.D
Acq: 27 May 2025 15:52

Tgt Ion:276 Resp: 469894
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 22.6 16.8 25.2

