

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142595.D
 Acq On : 02 Jun 2025 13:54
 Operator : RC/JU
 Sample : PB168235BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 14:15:55 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	124139	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	485746	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	271698	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	469529	20.000	ng	0.00
76) Chrysene-d12	14.074	240	249290	20.000	ng	0.00
86) Perylene-d12	15.568	264	263582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	906620	123.042	ng	0.01
7) Phenol-d6	6.528	99	1104479	124.522	ng	0.00
23) Nitrobenzene-d5	7.463	82	678991	76.222	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	383400	127.143	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1457346	71.975	ng	0.00
79) Terphenyl-d14	13.016	244	1440878	78.985	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	106175	36.010	ng	100
3) Pyridine	3.522	79	299076	39.832	ng	98
4) n-Nitrosodimethylamine	3.475	42	163603	41.965	ng	91
6) Aniline	6.563	93	391173	32.799	ng	100
8) 2-Chlorophenol	6.687	128	353147	44.002	ng	99
9) Benzaldehyde	6.451	77	183138	34.329	ng	99
10) Phenol	6.545	94	423745	42.458	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	312003	43.429	ng	100
12) 1,3-Dichlorobenzene	6.839	146	374882	41.860	ng	99
13) 1,4-Dichlorobenzene	6.916	146	378417	41.948	ng	99
14) 1,2-Dichlorobenzene	7.069	146	362456	41.990	ng	100
15) Benzyl Alcohol	7.039	79	283806	43.298	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	513926	42.597	ng	99
17) 2-Methylphenol	7.151	107	276621	44.146	ng	99
18) Hexachloroethane	7.410	117	131101	41.620	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	227191	41.329	ng	99
20) 3+4-Methylphenols	7.304	107	343279	42.780	ng	99
22) Acetophenone	7.310	105	448031	41.666	ng	99
24) Nitrobenzene	7.481	77	344719	42.906	ng	99
25) Isophorone	7.722	82	628729	42.214	ng	98
26) 2-Nitrophenol	7.798	139	193780	45.139	ng	96
27) 2,4-Dimethylphenol	7.833	122	334818	44.225	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	399276	42.916	ng	100
29) 2,4-Dichlorophenol	8.039	162	305895	44.429	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	318291	42.597	ng	98
31) Naphthalene	8.204	128	1014451	42.414	ng	100
32) Benzoic acid	7.957	122	218542	47.422	ng	96
33) 4-Chloroaniline	8.251	127	176677	18.230	ng	98
34) Hexachlorobutadiene	8.322	225	190668	40.867	ng	99
35) Caprolactam	8.622	113	59123	30.575	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	318462	45.134	ng	98
37) 2-Methylnaphthalene	8.898	142	638084	42.405	ng	99
38) 1-Methylnaphthalene	8.998	142	654458	42.048	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	323517	41.480	ng	99
41) Hexachlorocyclopentadiene	9.051	237	424440	80.672	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	227625	43.281	ng	98

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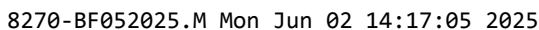
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 14:15:55 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)
44) 2,4,5-Trichlorophenol	9.216	196	246489	44.440	ng	98
46) 1,1'-Biphenyl	9.363	154	890515	42.247	ng	100
47) 2-Chloronaphthalene	9.386	162	653163	41.940	ng	99
48) 2-Nitroaniline	9.480	65	203179	45.136	ng	99
49) Acenaphthylene	9.804	152	1114044	42.363	ng	100
50) Dimethylphthalate	9.663	163	792383	44.199	ng	100
51) 2,6-Dinitrotoluene	9.727	165	176658	45.656	ng	95
52) Acenaphthene	9.975	154	743945	46.329	ng	99
53) 3-Nitroaniline	9.892	138	114327	27.052	ng	99
54) 2,4-Dinitrophenol	10.004	184	197620	98.857	ng	91
55) Dibenzofuran	10.151	168	979008	42.367	ng	98
56) 4-Nitrophenol	10.057	139	298469	95.715	ng	97
57) 2,4-Dinitrotoluene	10.133	165	239779	47.451	ng	99
58) Fluorene	10.492	166	767546	42.995	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	204888	44.249	ng	99
60) Diethylphthalate	10.363	149	787046	44.951	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	373395	42.578	ng	99
62) 4-Nitroaniline	10.510	138	185820	48.480	ng	97
63) Azobenzene	10.645	77	687495	43.717	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	127291	48.578	ng	99
66) n-Nitrosodiphenylamine	10.604	169	682308	42.475	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	236773	42.648	ng	99
68) Hexachlorobenzene	11.039	284	267154	43.507	ng	99
69) Atrazine	11.127	200	210470	49.336	ng	99
70) Pentachlorophenol	11.233	266	303289	87.484	ng	99
71) Phenanthrene	11.457	178	1081466	43.099	ng	100
72) Anthracene	11.510	178	1107034	43.228	ng	99
73) Carbazole	11.663	167	982811	44.892	ng	99
74) Di-n-butylphthalate	11.986	149	1127520	47.051	ng	99
75) Fluoranthene	12.645	202	1069949	45.634	ng	98
77) Benzidine	12.763	184	363104	39.141	ng	100
78) Pyrene	12.874	202	1051541	45.218	ng	99
80) Butylbenzylphthalate	13.486	149	333843	51.953	ng	99
81) Benzo(a)anthracene	14.063	228	730755	43.899	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	134486	26.636	ng	98
83) Chrysene	14.104	228	684085	45.734	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	408925	49.711	ng	99
85) Di-n-octyl phthalate	14.662	149	704542	43.803	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	843246	42.614	ng	98
88) Benzo(b)fluoranthene	15.127	252	731225	46.873	ng	99
89) Benzo(k)fluoranthene	15.157	252	615237	42.107	ng	98
90) Benzo(a)pyrene	15.509	252	661758	45.004	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	691116	43.063	ng	99
92) Benzo(g,h,i)perylene	17.551	276	683261	42.564	ng	98

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

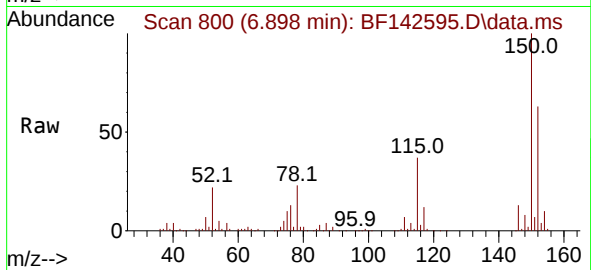
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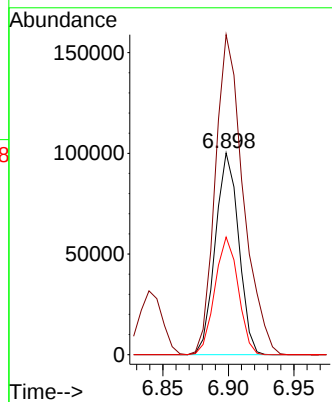
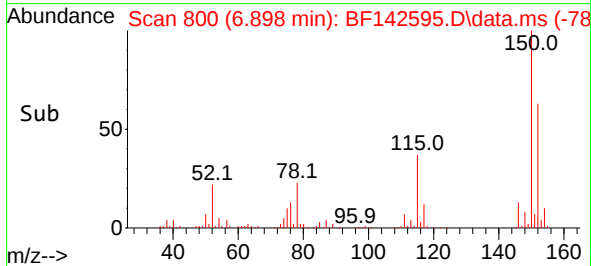


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142595.D
 Acq: 02 Jun 2025 13:54

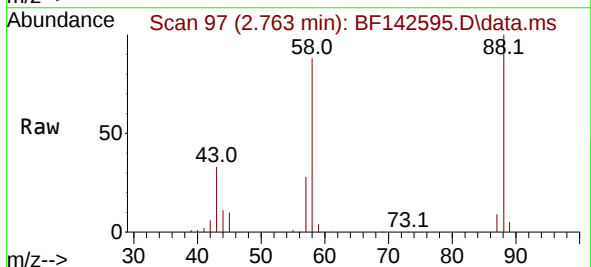
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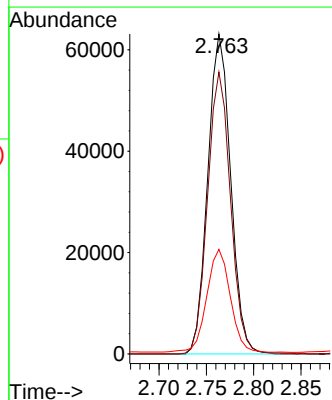
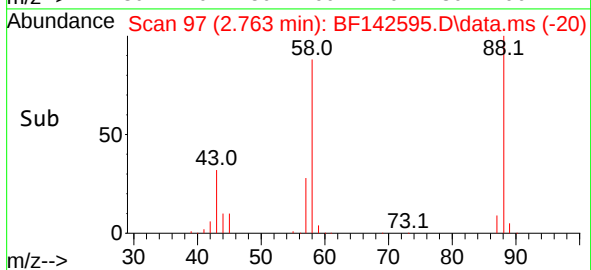
Tgt Ion:152 Resp: 124139
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.2 192.4
 115 58.3 48.3 72.5

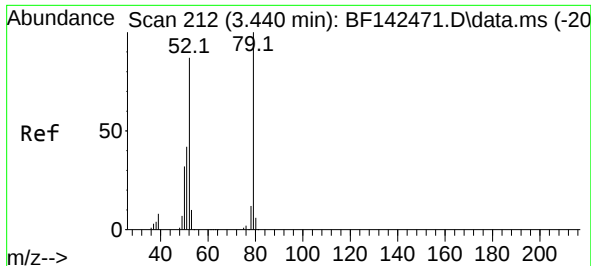


#2
 1,4-Dioxane
 Concen: 36.010 ng
 RT: 2.763 min Scan# 97
 Delta R.T. 0.100 min
 Lab File: BF142595.D
 Acq: 02 Jun 2025 13:54



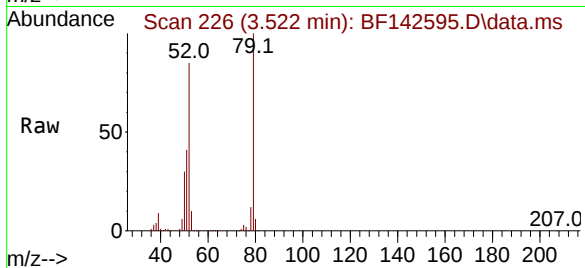
Tgt Ion: 88 Resp: 106175
 Ion Ratio Lower Upper
 88 100
 58 88.8 70.8 106.2
 43 33.1 26.6 40.0



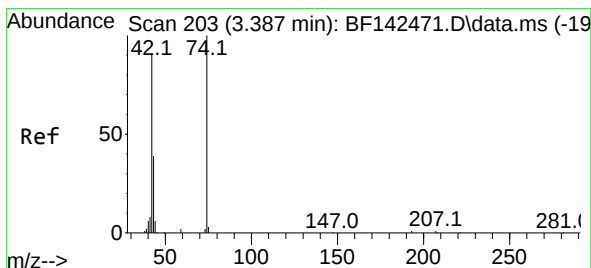
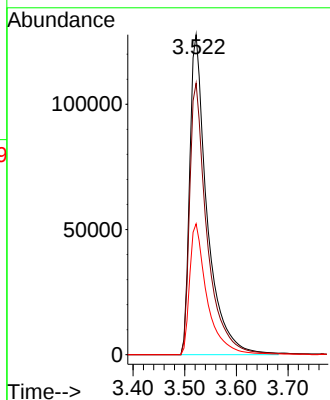
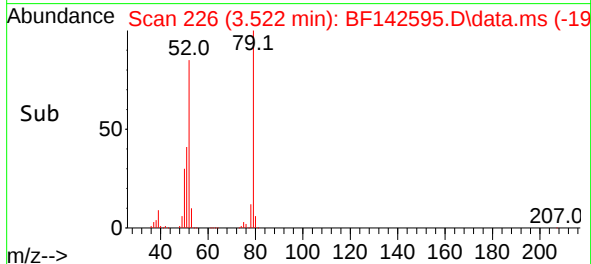


#3
Pyridine
Concen: 39.832 ng
RT: 3.522 min Scan# 212
Delta R.T. 0.082 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

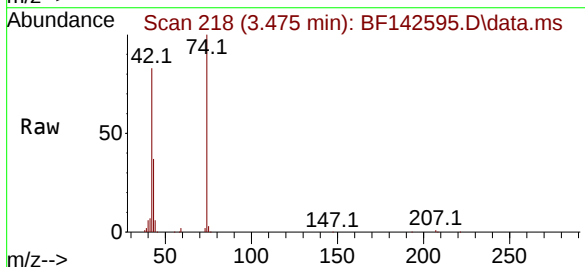
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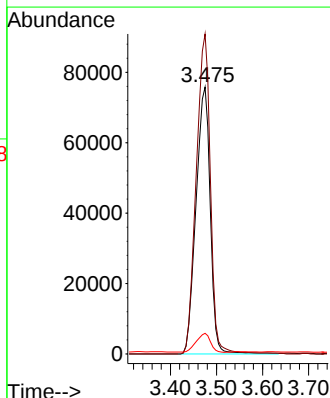
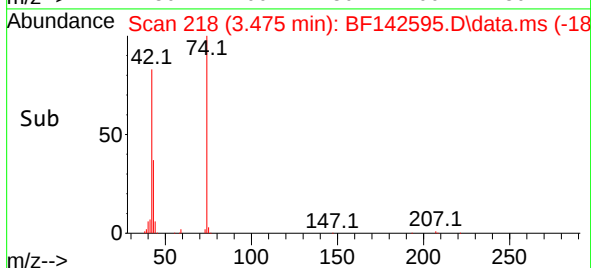
Tgt Ion: 79 Resp: 299076
Ion Ratio Lower Upper
79 100
52 84.9 69.2 103.8
51 40.9 33.3 49.9

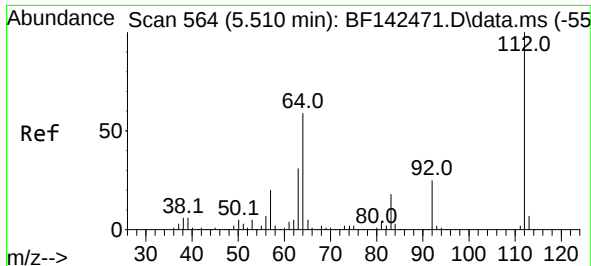


#4
n-Nitrosodimethylamine
Concen: 41.965 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.071 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion: 42 Resp: 163603
Ion Ratio Lower Upper
42 100
74 119.9 88.2 132.4
44 7.7 5.4 8.2

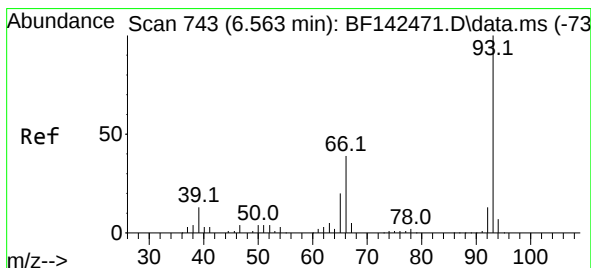
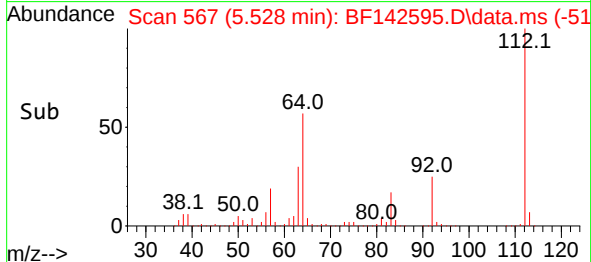
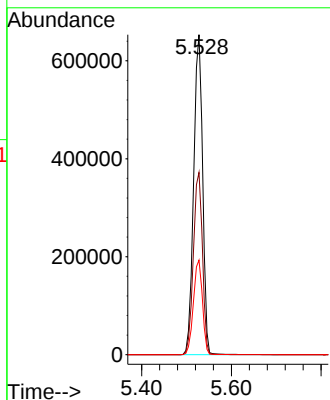
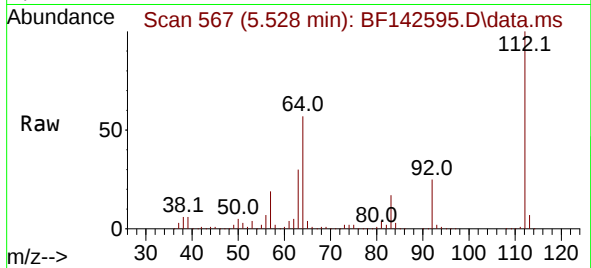




#5
2-Fluorophenol
Concen: 123.042 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

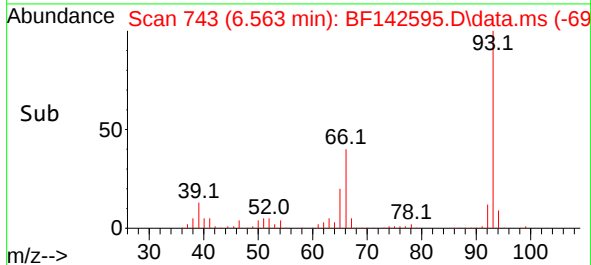
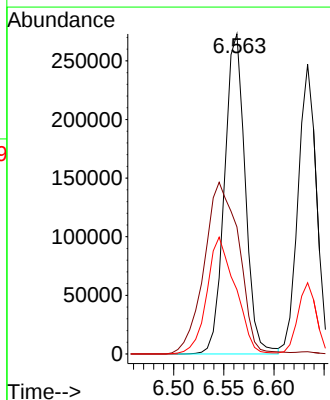
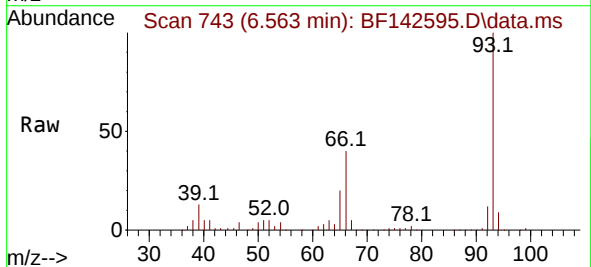
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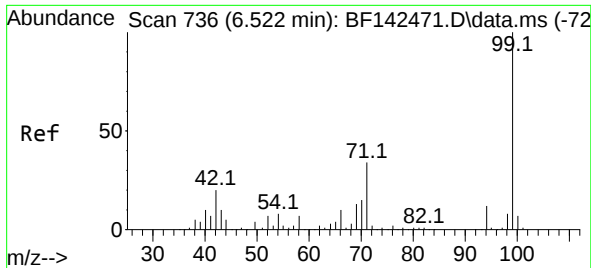
Tgt Ion:112 Resp: 906620
Ion Ratio Lower Upper
112 100
64 56.9 47.5 71.3
63 29.6 24.9 37.3



#6
Aniline
Concen: 32.799 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion: 93 Resp: 391173
Ion Ratio Lower Upper
93 100
66 39.7 32.0 48.0
65 20.1 16.1 24.1

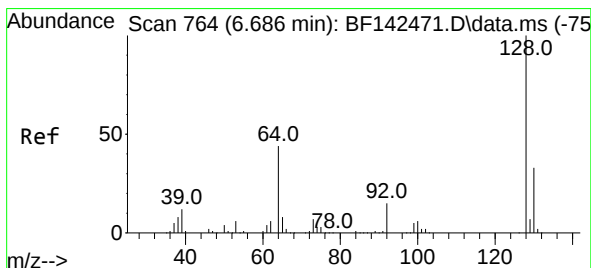
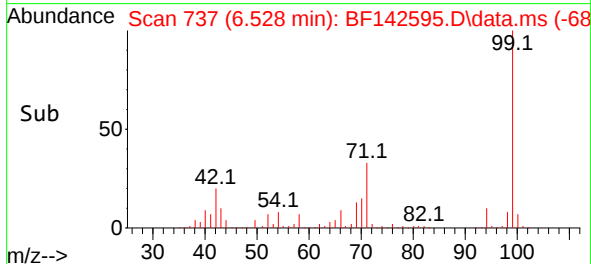
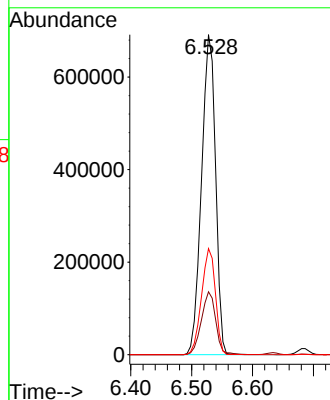
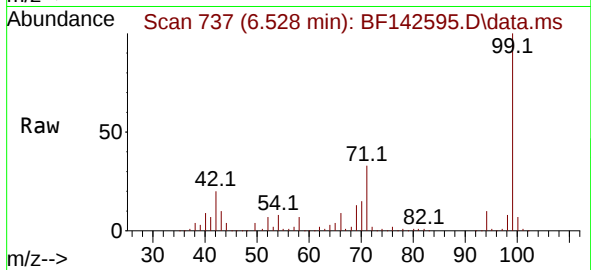




#7
Phenol-d6
Concen: 124.522 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

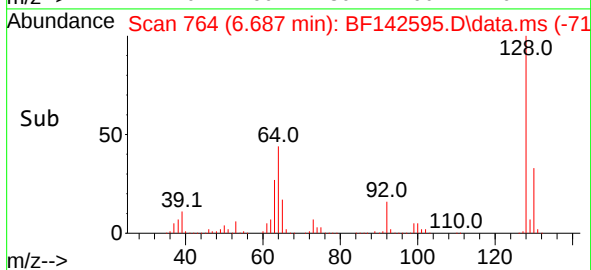
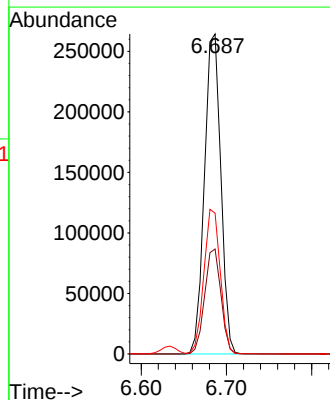
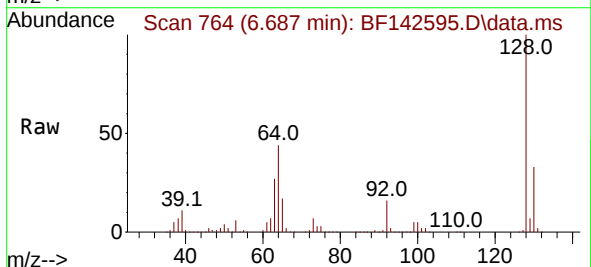
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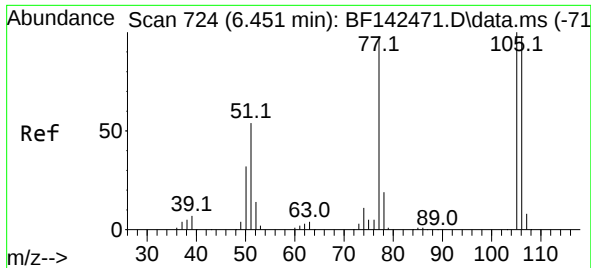
Tgt Ion: 99 Resp: 1104479
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.2 27.3 40.9



#8
2-Chlorophenol
Concen: 44.002 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:128 Resp: 353147
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 44.0 25.1 65.1





#9

Benzaldehyde

Concen: 34.329 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

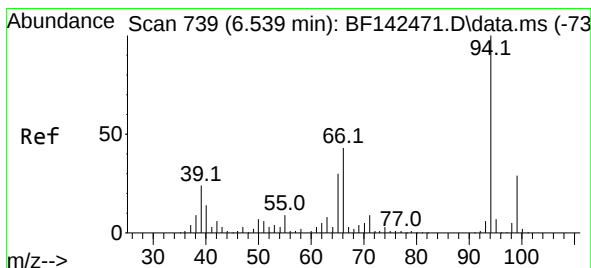
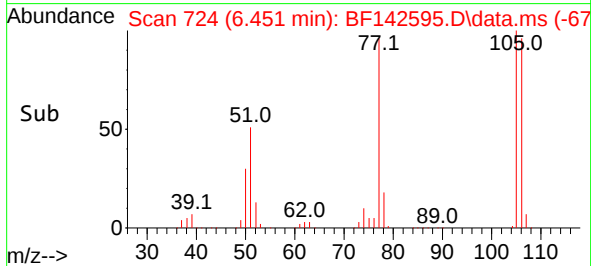
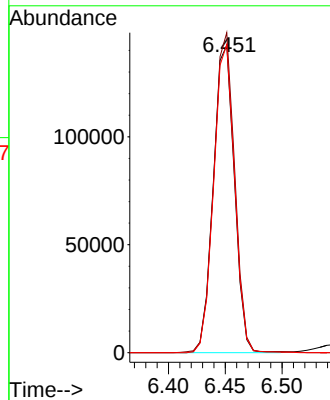
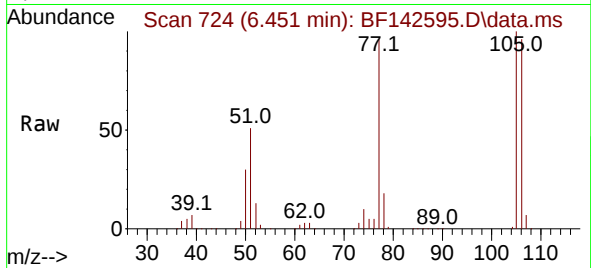
Tgt Ion: 77 Resp: 183138

Ion Ratio Lower Upper

77 100

105 104.1 82.5 122.5

106 100.3 80.0 120.0



#10

Phenol

Concen: 42.458 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

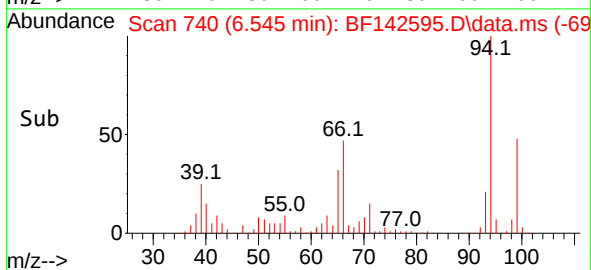
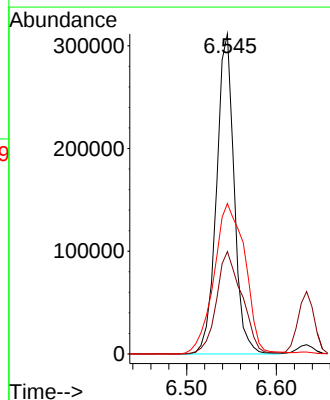
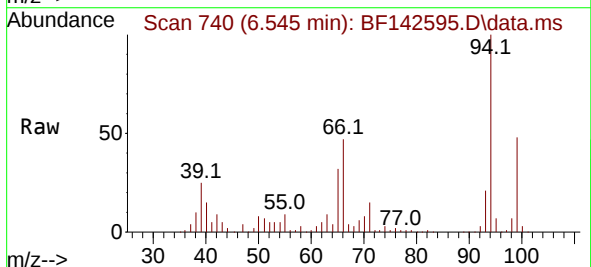
Tgt Ion: 94 Resp: 423745

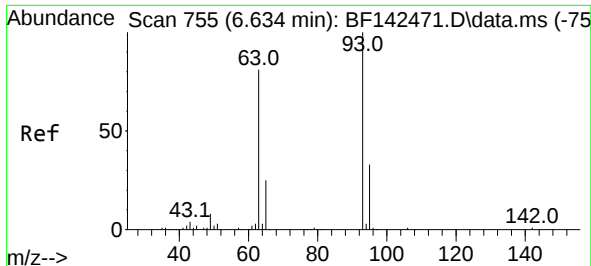
Ion Ratio Lower Upper

94 100

65 32.0 10.3 50.3

66 47.0 22.6 62.6

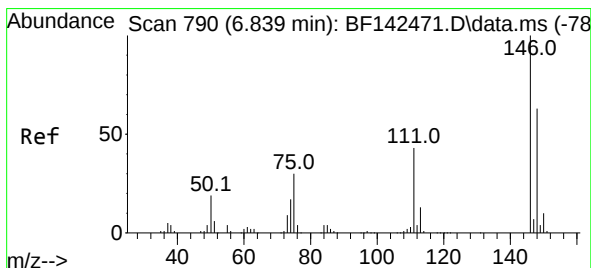
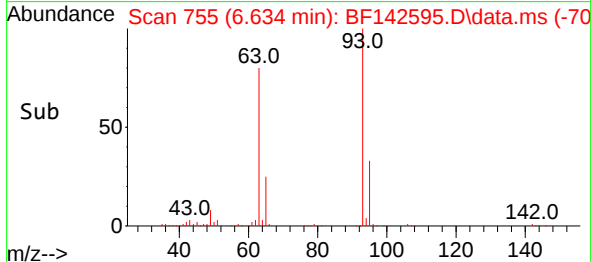
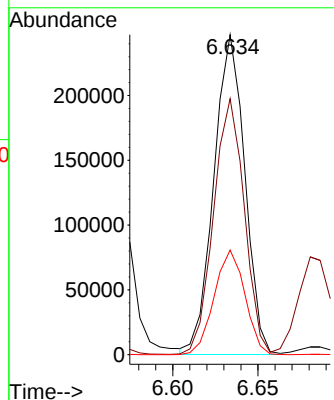
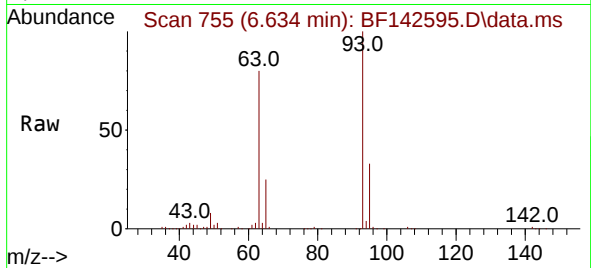




#11
bis(2-Chloroethyl)ether
Concen: 43.429 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

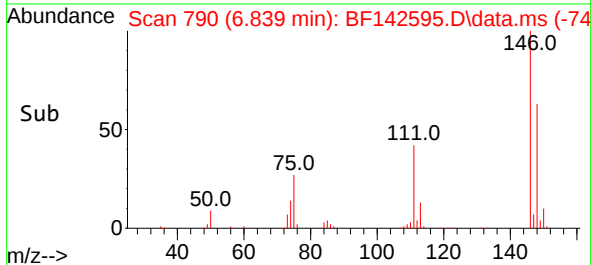
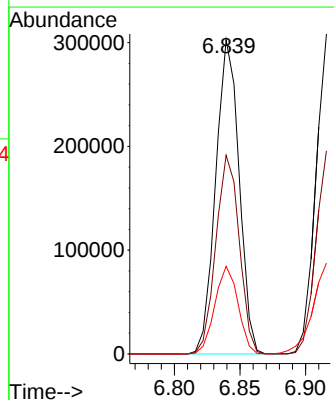
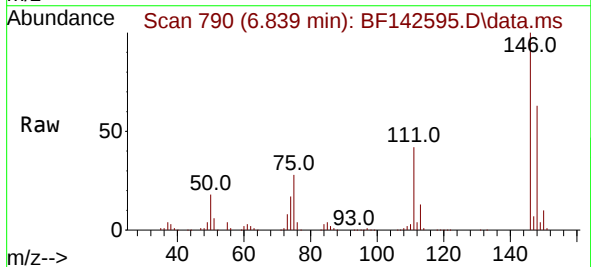
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 312003
Ion Ratio Lower Upper
93 100
63 80.0 60.2 100.2
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.860 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:146 Resp: 374882
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
75 27.9 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 41.948 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

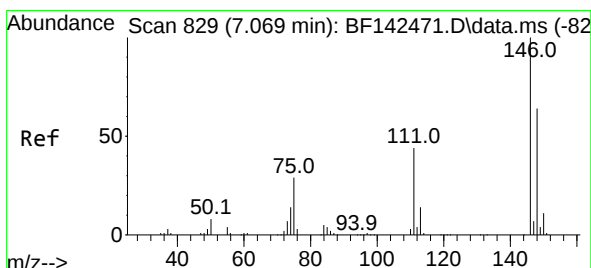
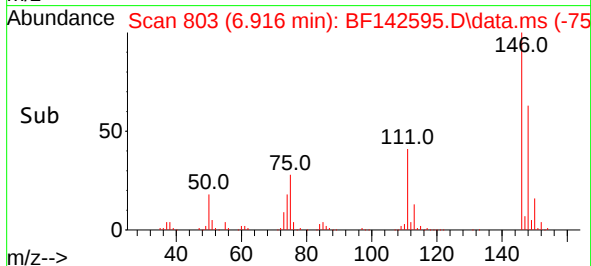
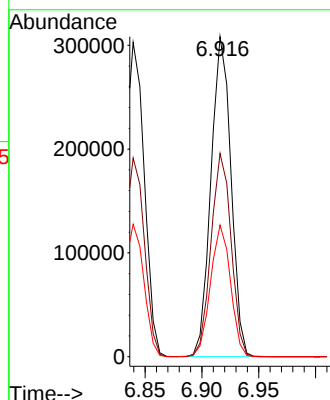
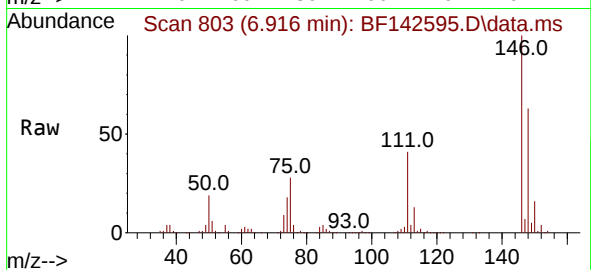
Tgt Ion:146 Resp: 378417

Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

111 41.1 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 41.990 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

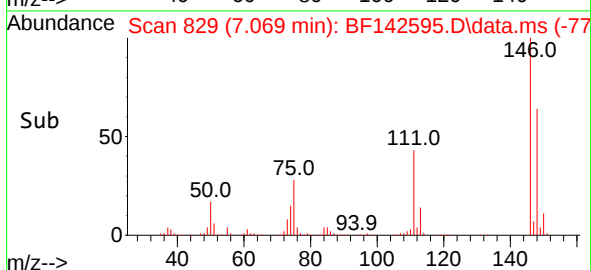
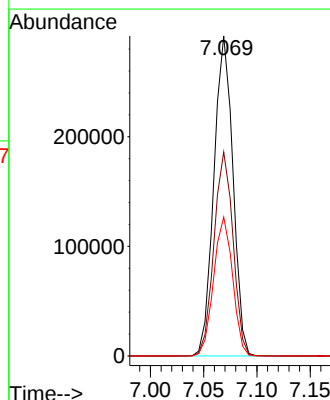
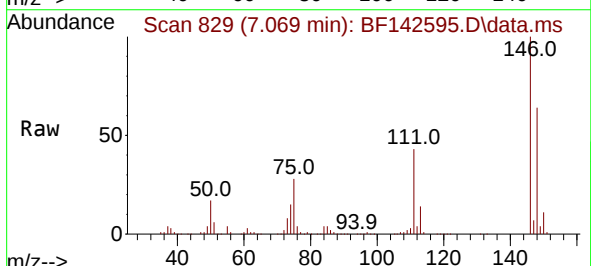
Tgt Ion:146 Resp: 362456

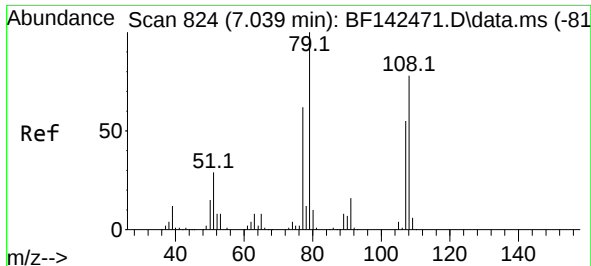
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 43.4 35.0 52.6

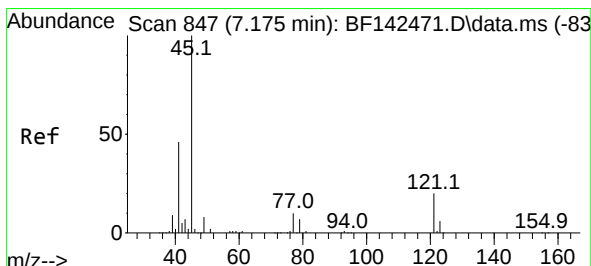
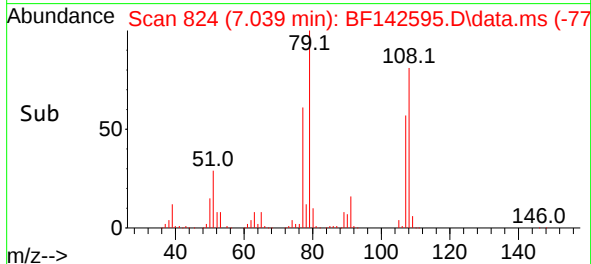
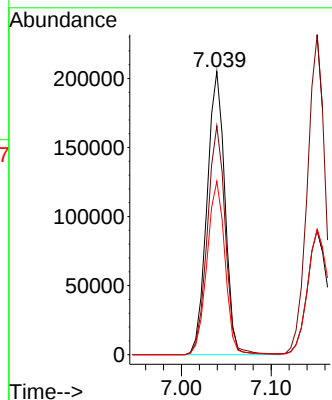
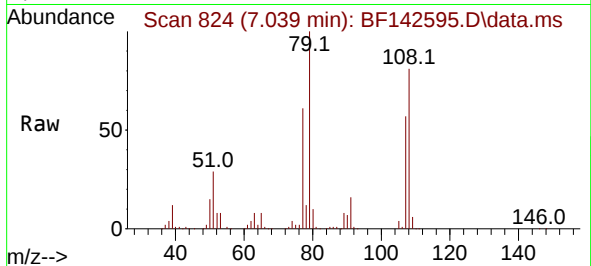




#15
Benzyl Alcohol
Concen: 43.298 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

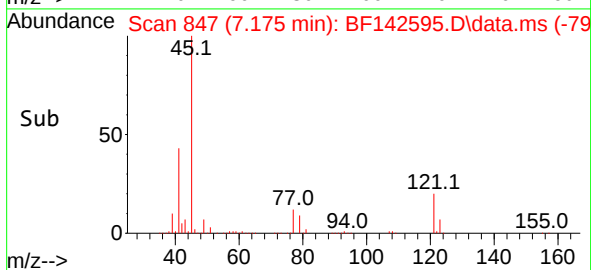
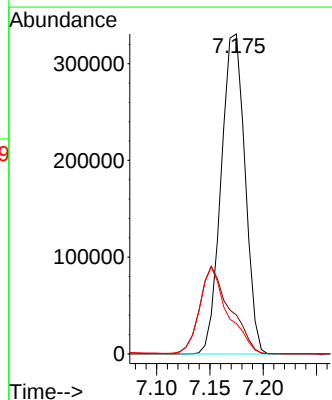
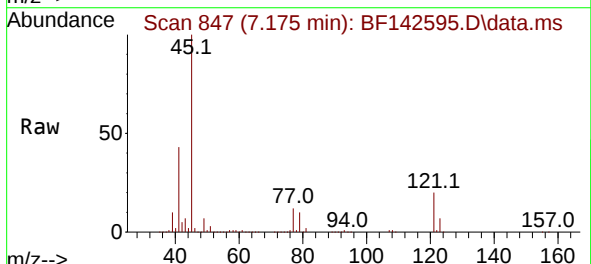
Instrument :
BNA_F
ClientSampleId :

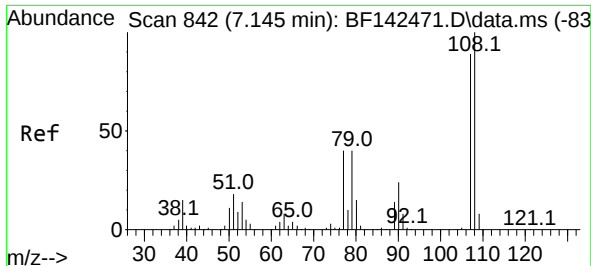
Tgt Ion: 79 Resp: 283806
Ion Ratio Lower Upper
79 100
108 80.8 62.1 93.1
77 61.3 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.597 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion: 45 Resp: 513926
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.0
79 9.5 0.0 29.2

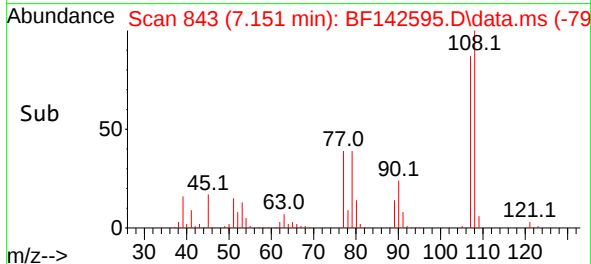
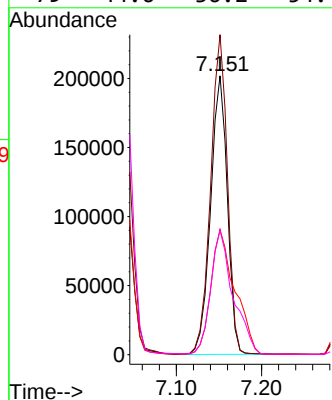
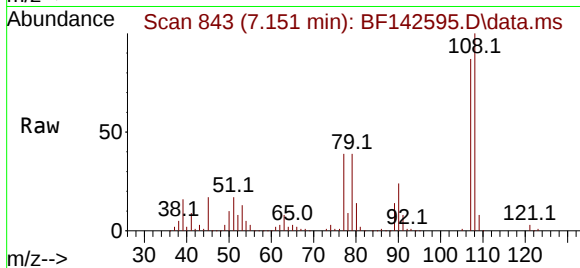




#17
2-Methylphenol
Concen: 44.146 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

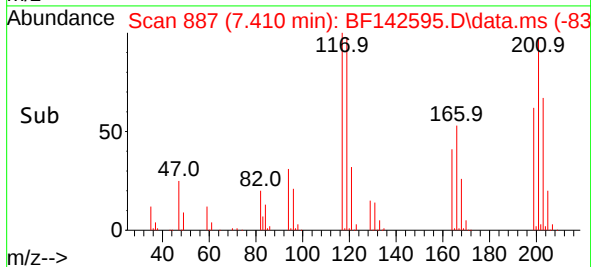
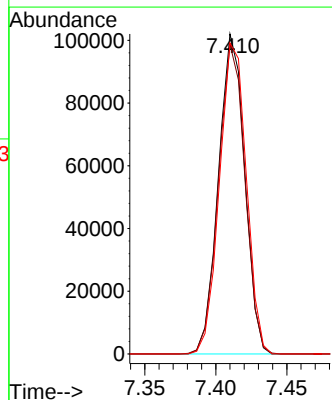
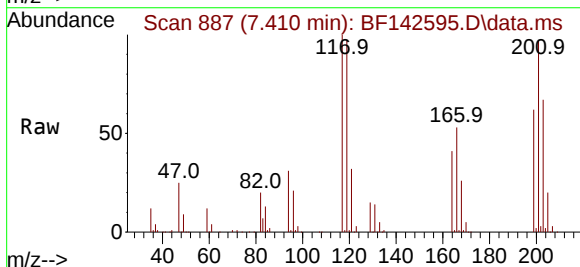
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 276621
Ion Ratio Lower Upper
107 100
108 114.7 90.2 135.2
77 44.9 36.1 54.1
79 44.6 36.2 54.4



#18
Hexachloroethane
Concen: 41.620 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:117 Resp: 131101
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8
201 97.2 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.329 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.018 min

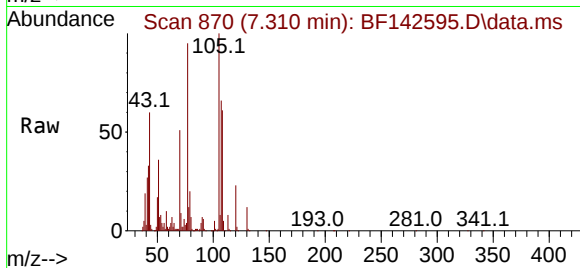
Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 227191

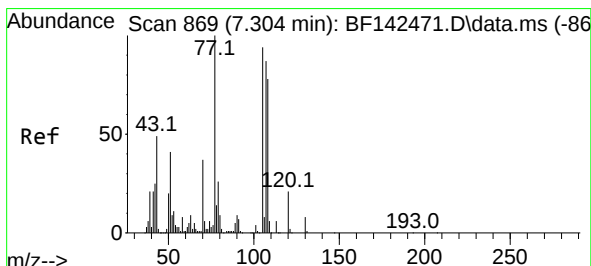
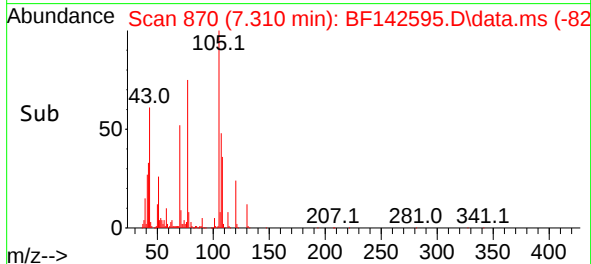
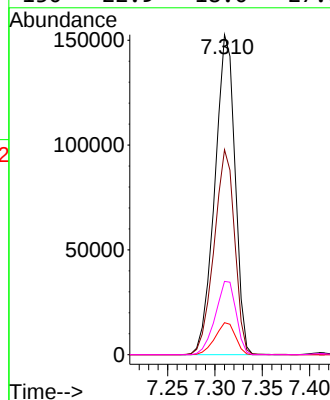
Ion Ratio Lower Upper

70 100

42 64.0 52.4 78.6

101 10.0 7.8 11.8

130 22.9 18.0 27.0



#20

3+4-Methylphenols

Concen: 42.780 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Tgt Ion: 107 Resp: 343279

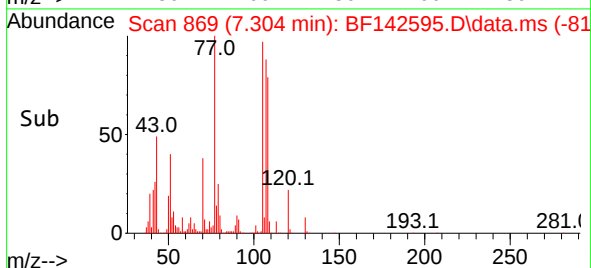
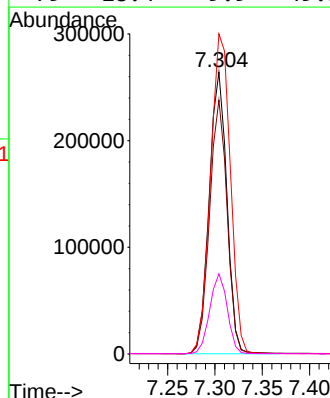
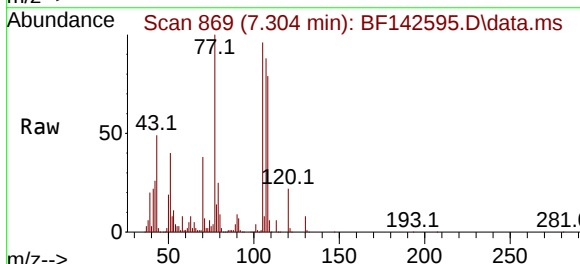
Ion Ratio Lower Upper

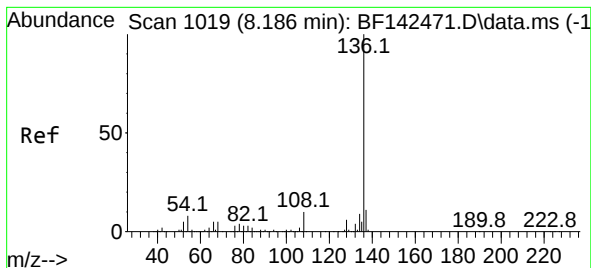
107 100

108 90.1 70.4 110.4

77 113.5 95.4 135.4

79 28.4 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

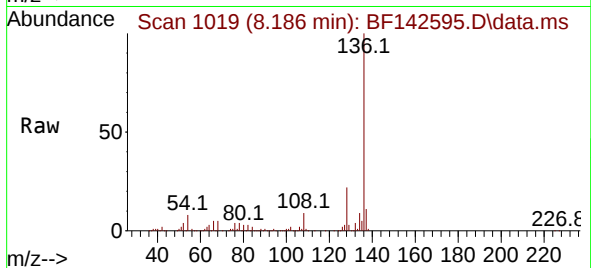
Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 485746

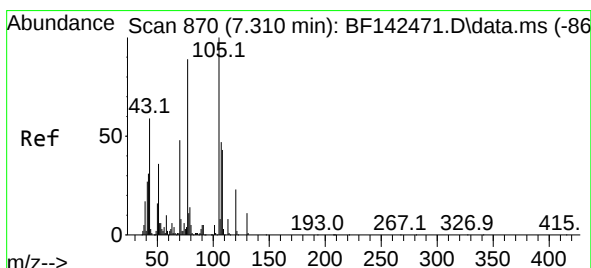
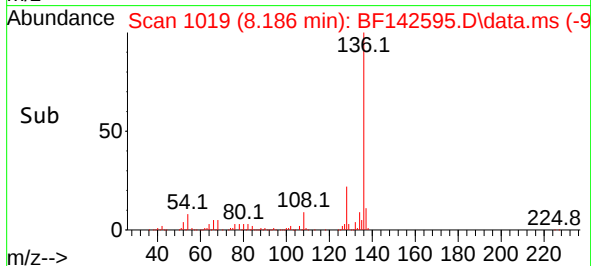
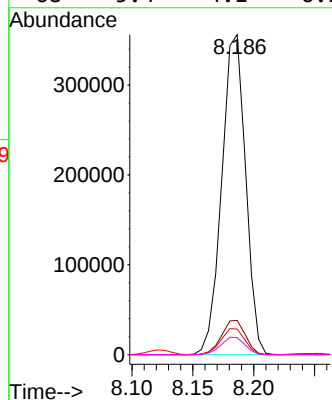
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.0 6.6 10.0

68 5.4 4.1 6.1



#22

Acetophenone

Concen: 41.666 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Tgt Ion:105 Resp: 448031

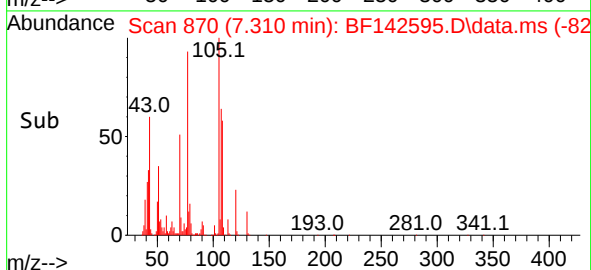
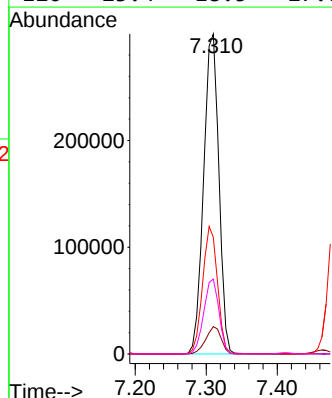
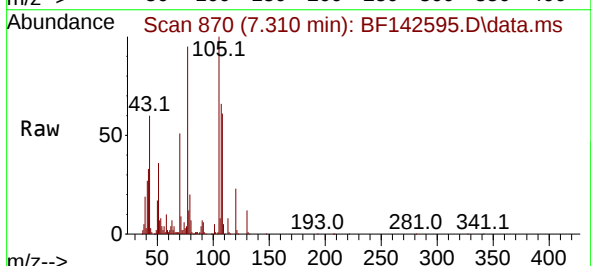
Ion Ratio Lower Upper

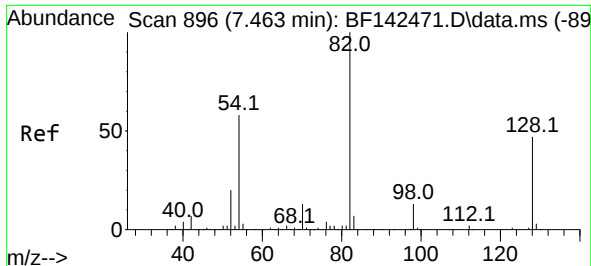
105 100

71 8.5 6.4 9.6

51 36.5 28.6 42.8

120 23.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 76.222 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

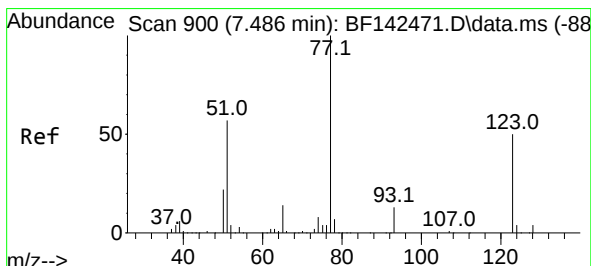
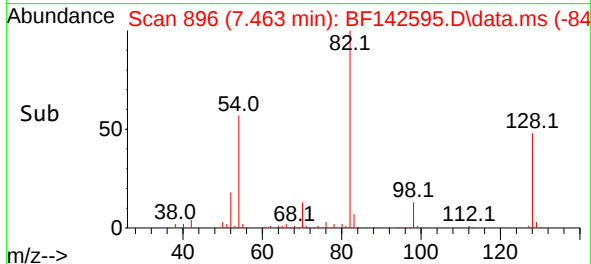
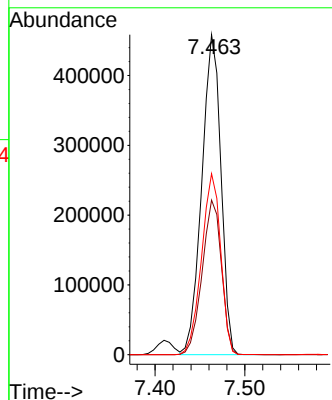
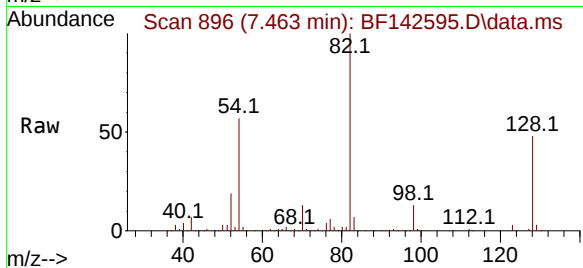
Tgt Ion: 82 Resp: 678991

Ion Ratio Lower Upper

82 100

128 48.3 37.4 56.2

54 56.5 46.6 70.0



#24

Nitrobenzene

Concen: 42.906 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

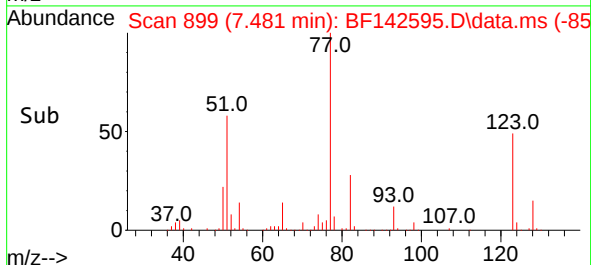
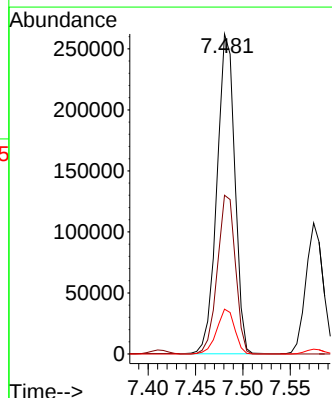
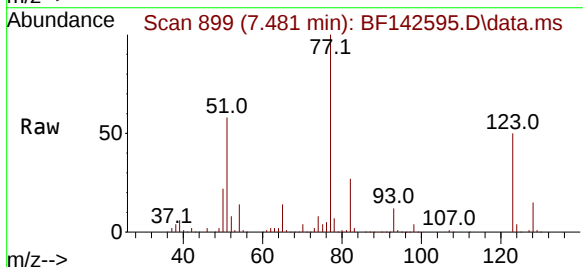
Tgt Ion: 77 Resp: 344719

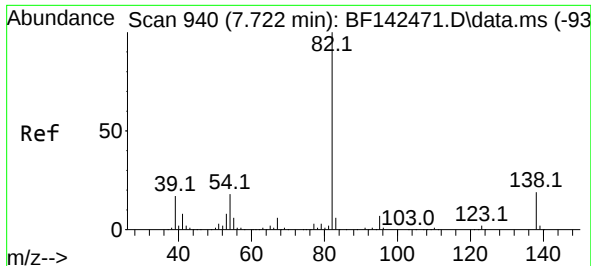
Ion Ratio Lower Upper

77 100

123 49.6 40.6 61.0

65 14.0 11.4 17.2

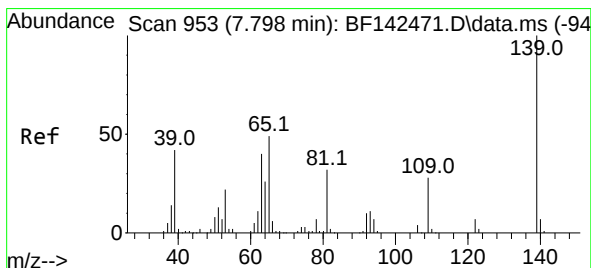
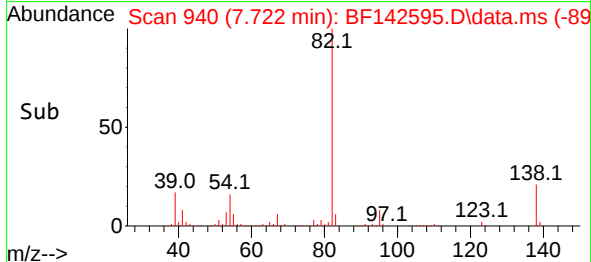
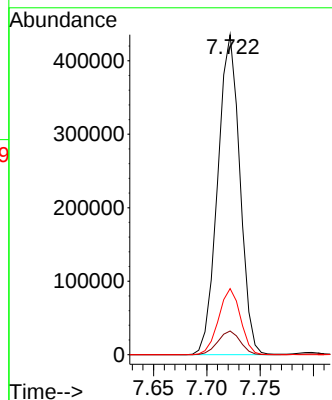
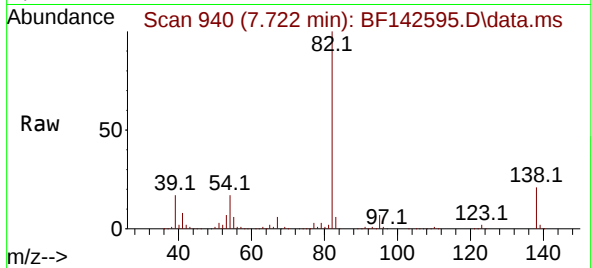




#25
Isophorone
Concen: 42.214 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

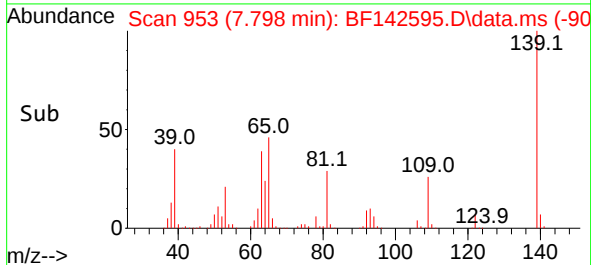
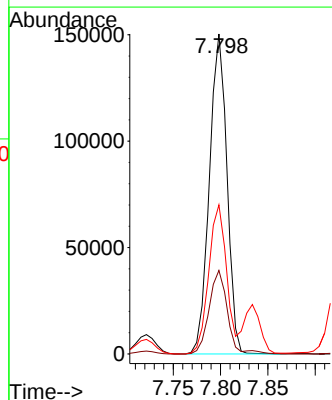
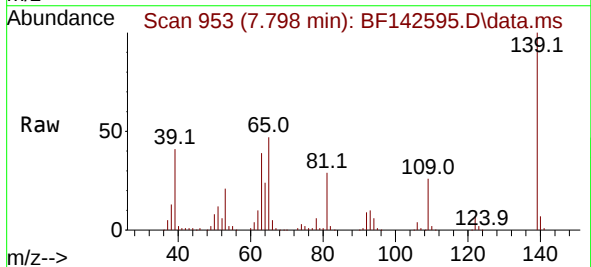
Instrument :
BNA_F
ClientSampleId :

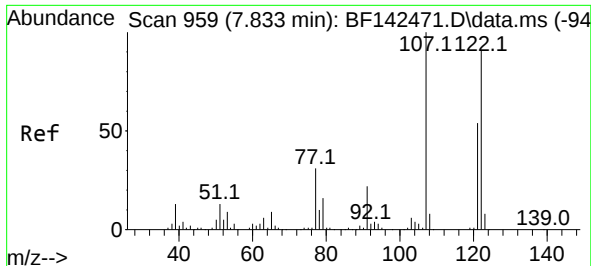
Tgt Ion: 82 Resp: 628729
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.6 15.5 23.3



#26
2-Nitrophenol
Concen: 45.139 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:139 Resp: 193780
Ion Ratio Lower Upper
139 100
109 26.1 22.6 33.8
65 46.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 44.225 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

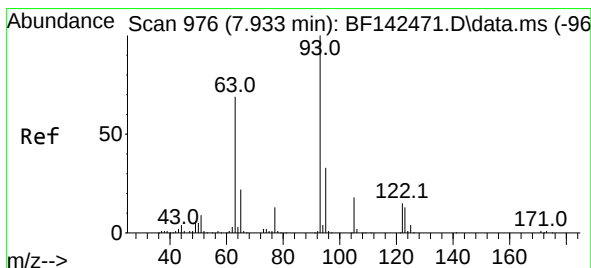
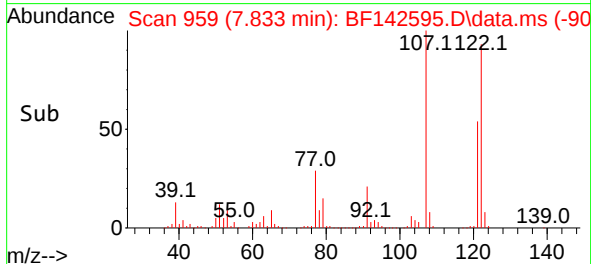
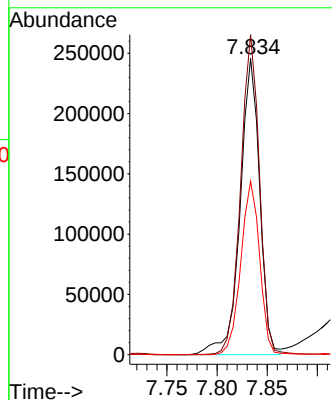
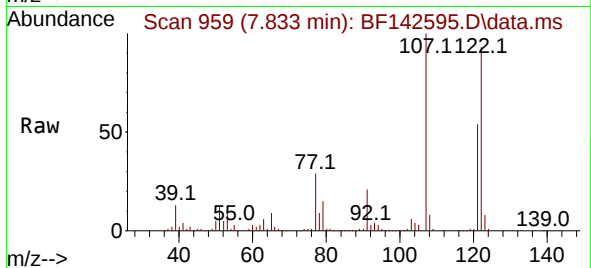
Tgt Ion:122 Resp: 334818

Ion Ratio Lower Upper

122 100

107 108.0 88.1 132.1

121 58.6 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.916 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

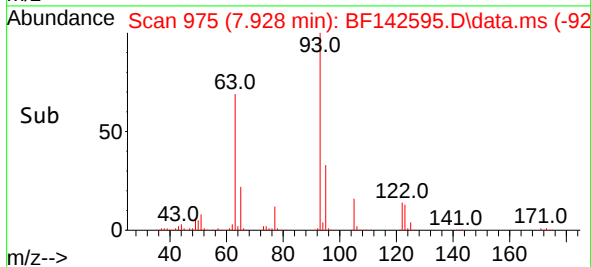
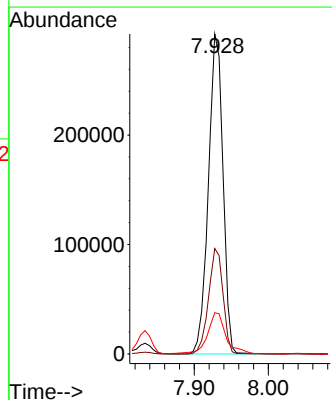
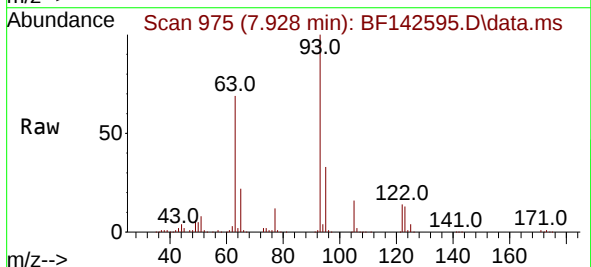
Tgt Ion: 93 Resp: 399276

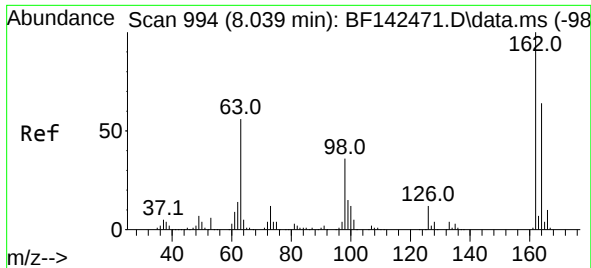
Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

123 12.9 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 44.429 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

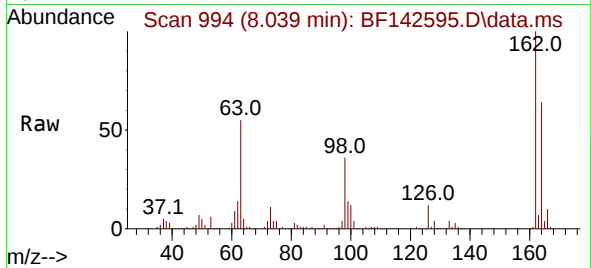
Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :



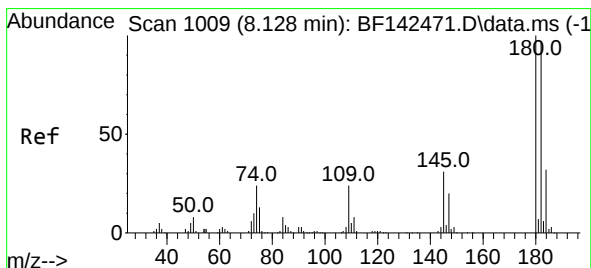
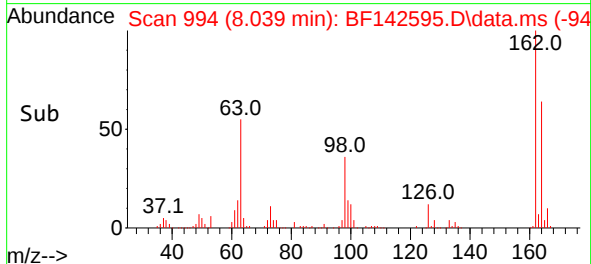
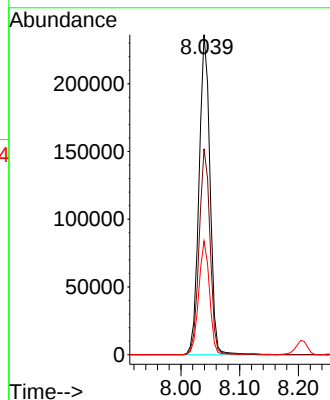
Tgt Ion:162 Resp: 305895

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 35.5 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 42.597 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

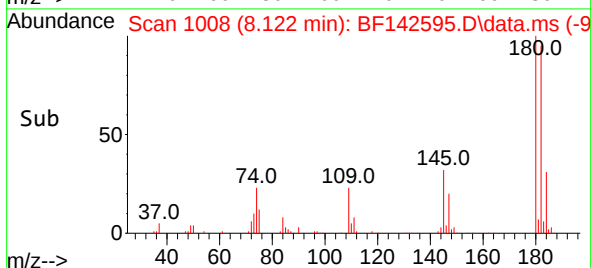
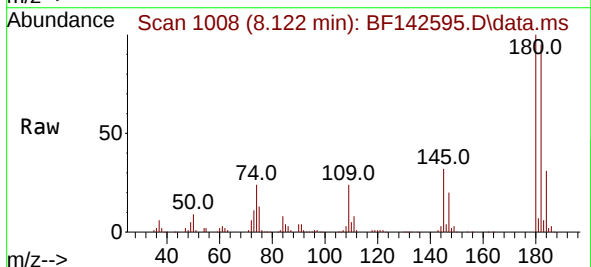
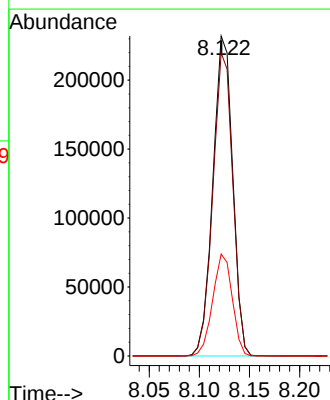
Tgt Ion:180 Resp: 318291

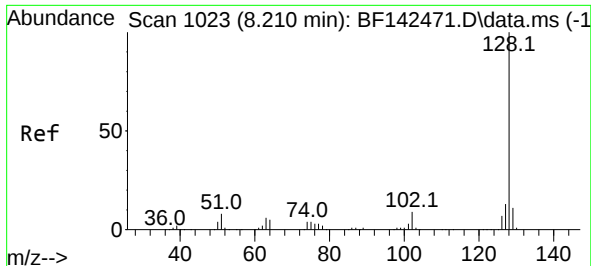
Ion Ratio Lower Upper

180 100

182 94.7 78.0 117.0

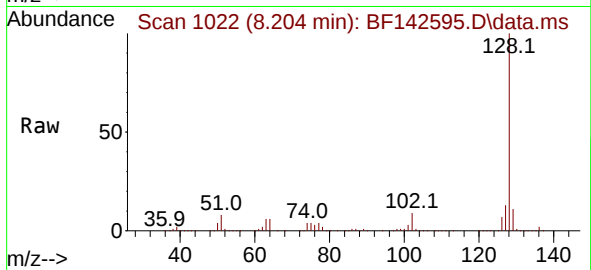
145 31.9 25.0 37.6



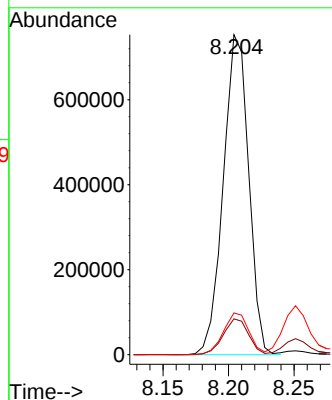
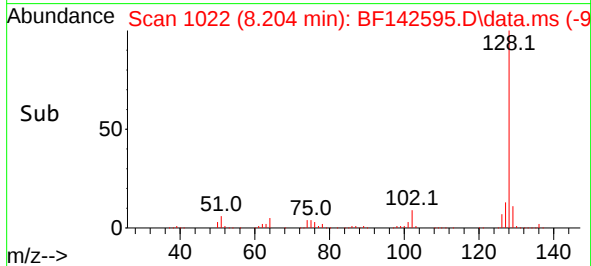


#31
Naphthalene
Concen: 42.414 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :
BNA_F
ClientSampleId :

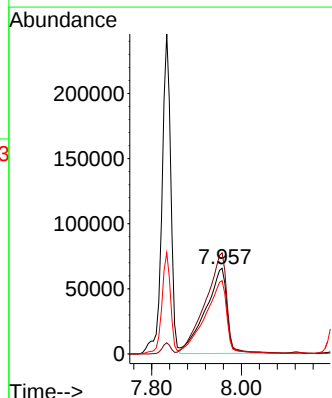
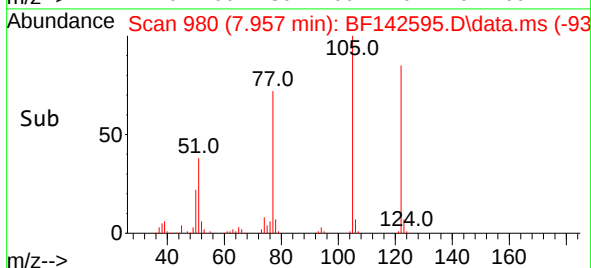
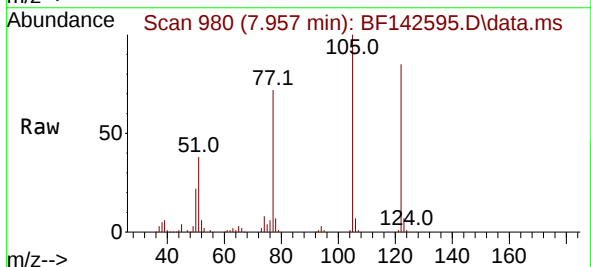


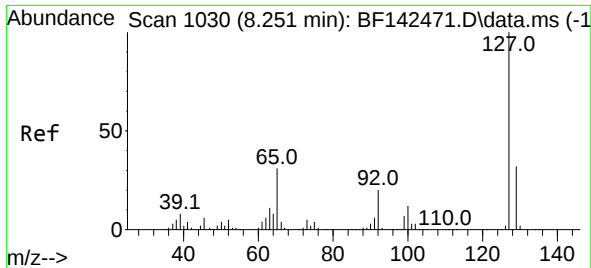
Tgt Ion:128 Resp: 1014451
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 47.422 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:122 Resp: 218542
Ion Ratio Lower Upper
122 100
105 118.2 101.7 141.7
77 85.6 69.5 109.5



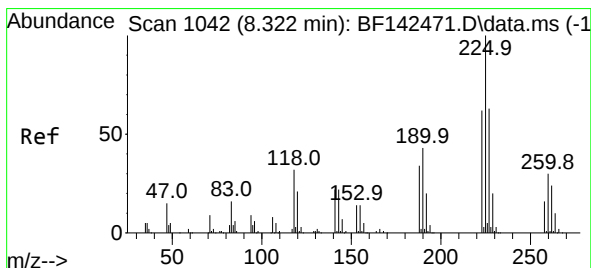
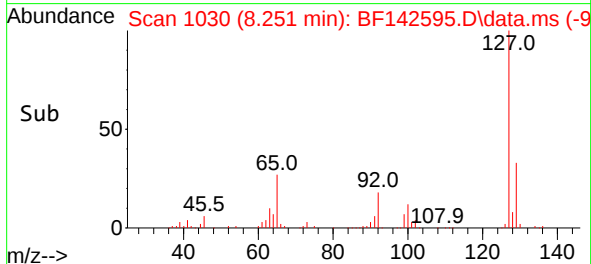
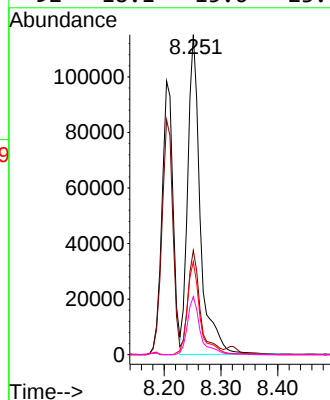
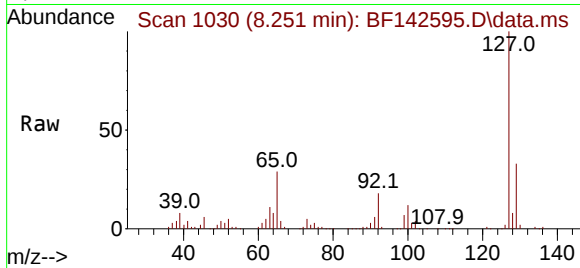


#33
4-Chloroaniline
Concen: 18.230 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 176677

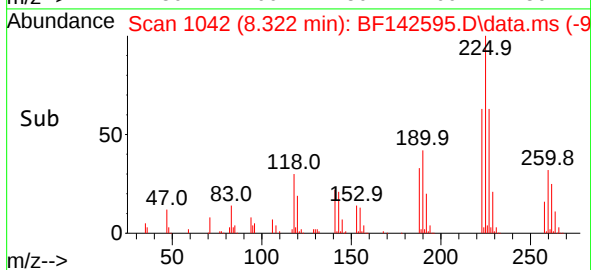
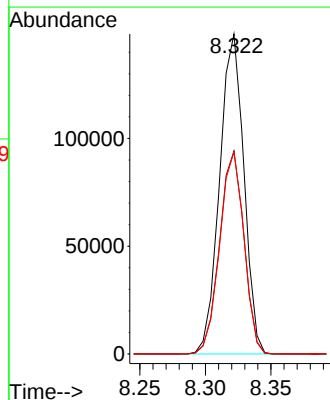
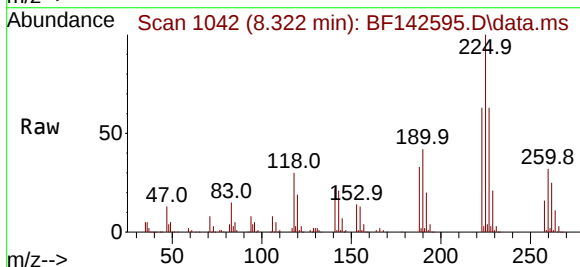
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	29.0	24.9	37.3
92	18.1	15.6	23.4

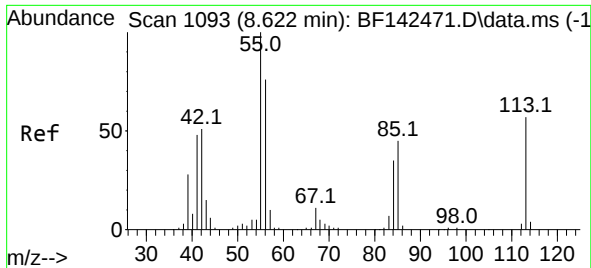


#34
Hexachlorobutadiene
Concen: 40.867 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:225 Resp: 190668

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	63.1	50.3	75.5

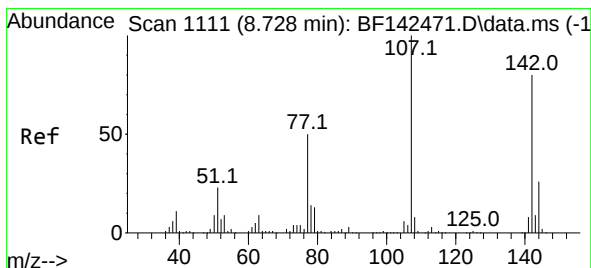
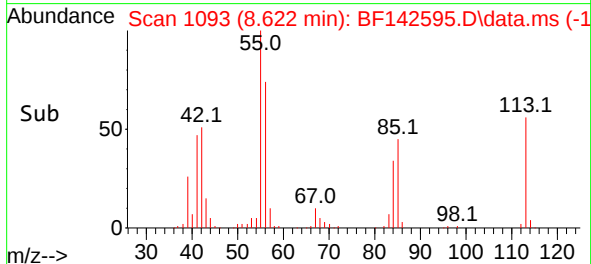
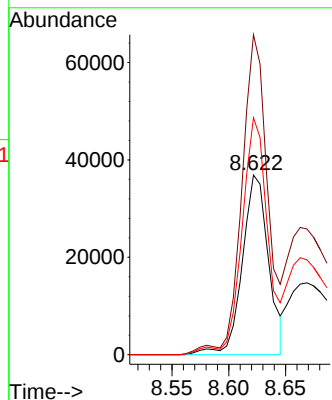
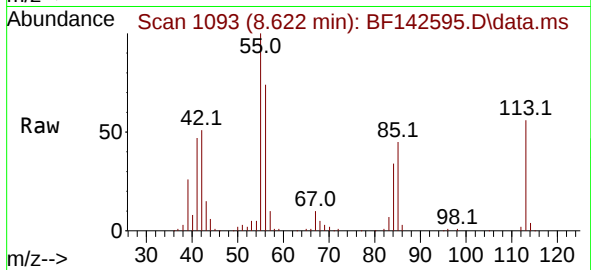




#35
 Caprolactam
 Concen: 30.575 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.023 min
 Lab File: BF142595.D
 Acq: 02 Jun 2025 13:54

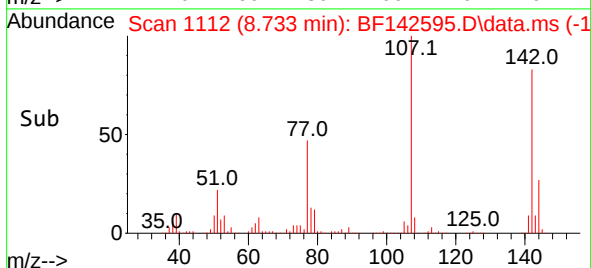
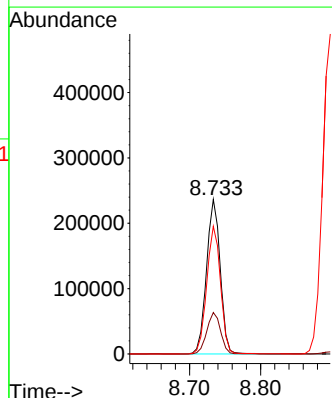
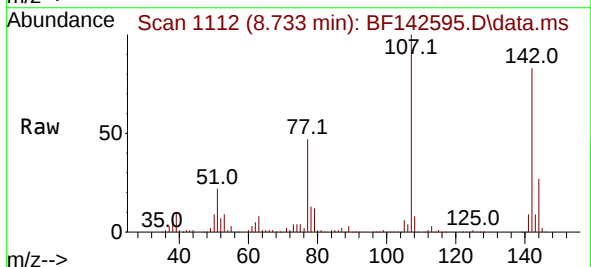
Instrument :
 BNA_F
 ClientSampleId :

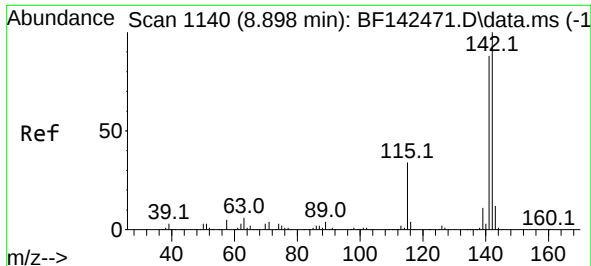
Tgt Ion:113 Resp: 59123
 Ion Ratio Lower Upper
 113 100
 55 178.0 154.7 194.7
 56 131.8 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 45.134 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142595.D
 Acq: 02 Jun 2025 13:54

Tgt Ion:107 Resp: 318462
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.9 31.3
 142 82.6 64.2 96.2

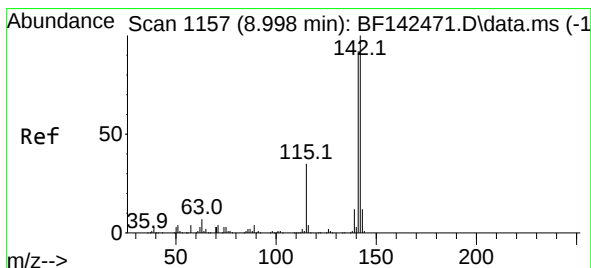
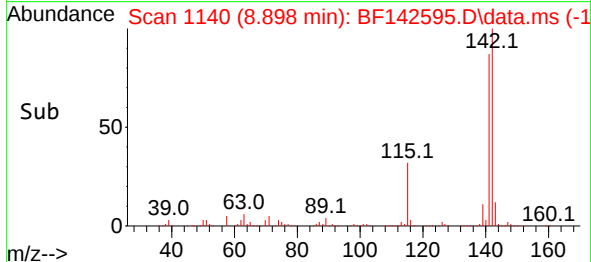
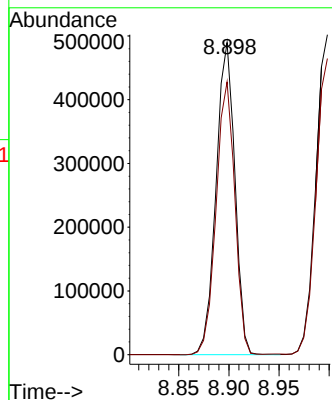
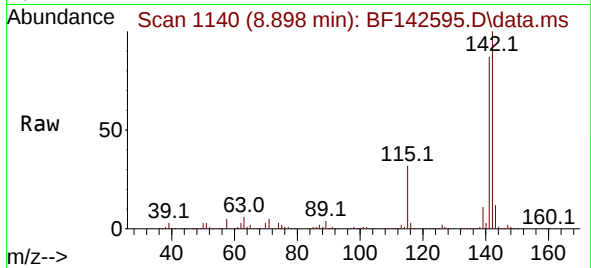




#37
2-Methylnaphthalene
Concen: 42.405 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

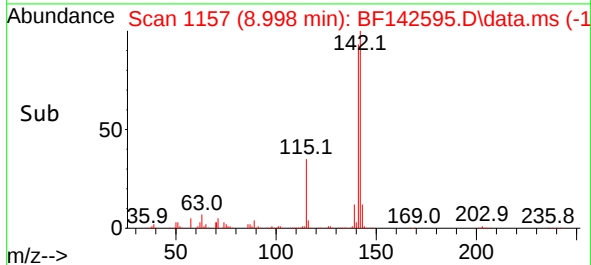
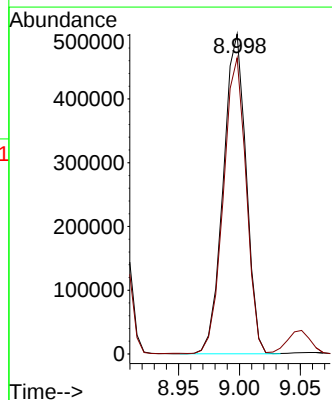
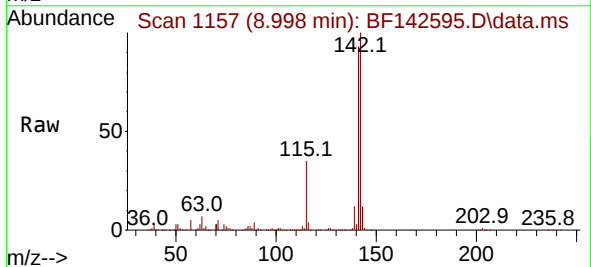
Instrument :
BNA_F
ClientSampleId :

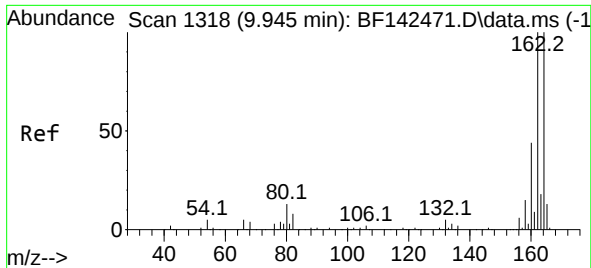
Tgt Ion:142 Resp: 638084
Ion Ratio Lower Upper
142 100
141 87.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 42.048 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

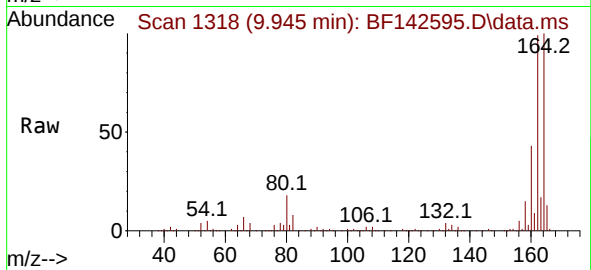
Tgt Ion:142 Resp: 654458
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.2



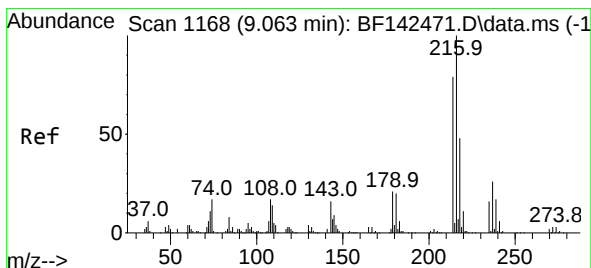
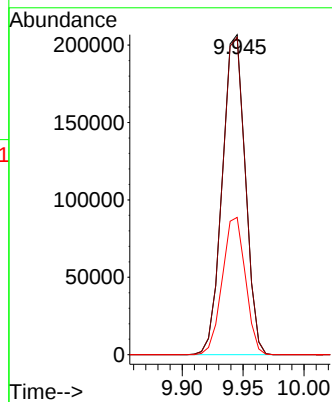
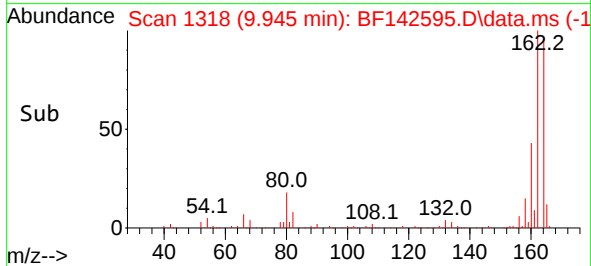


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

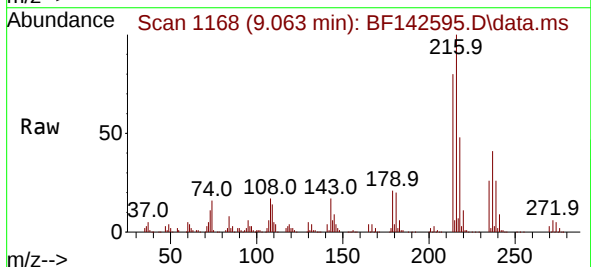
Instrument :
BNA_F
ClientSampleId :



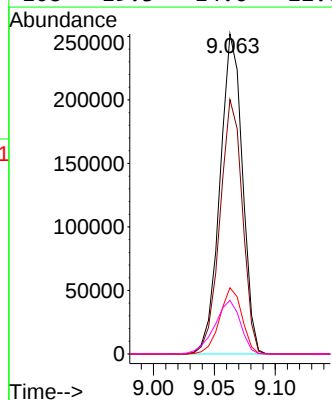
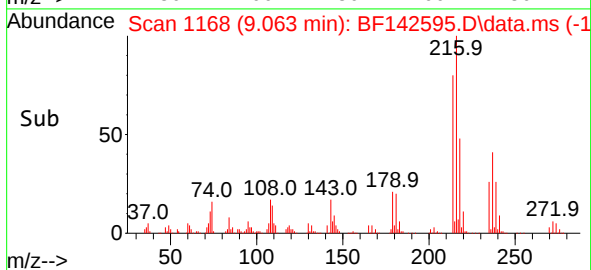
Tgt Ion:164 Resp: 271698
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.4
160 42.9 35.6 53.4

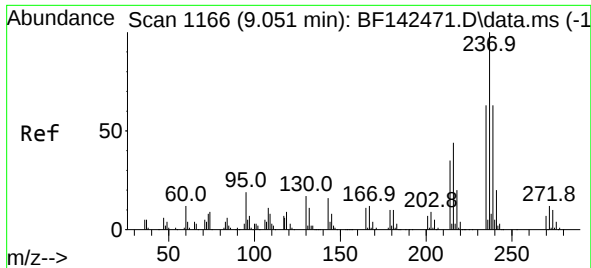


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.480 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



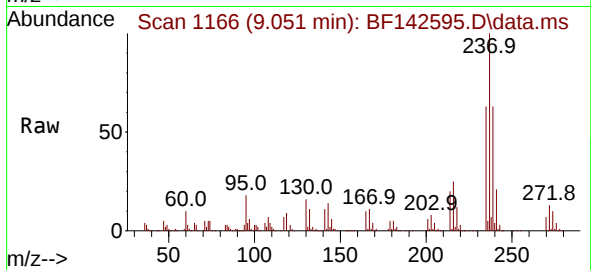
Tgt Ion:216 Resp: 323517
Ion Ratio Lower Upper
216 100
214 79.3 62.9 94.3
179 20.6 16.9 25.3
108 19.3 14.6 22.0



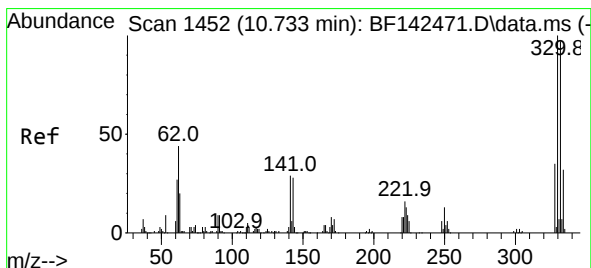
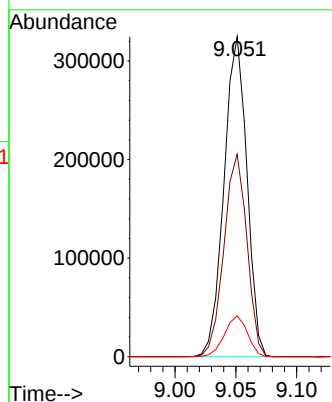
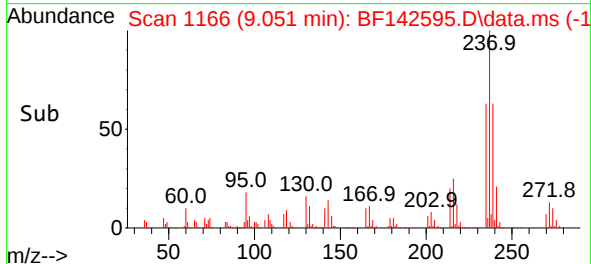


#41
Hexachlorocyclopentadiene
Concen: 80.672 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

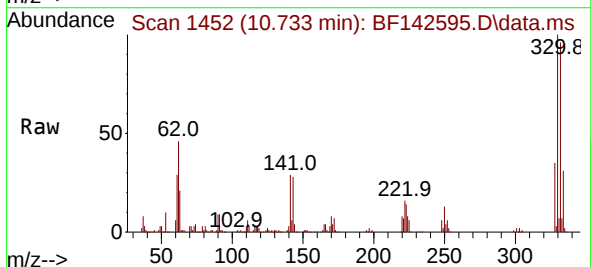
Instrument :
BNA_F
ClientSampleId :



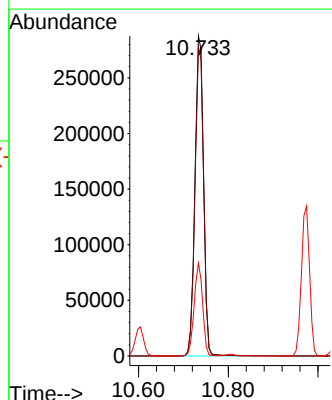
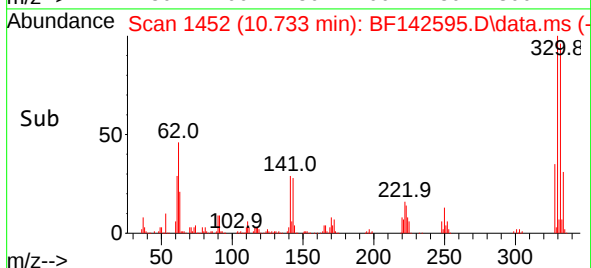
Tgt Ion:237 Resp: 424440
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 127.143 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



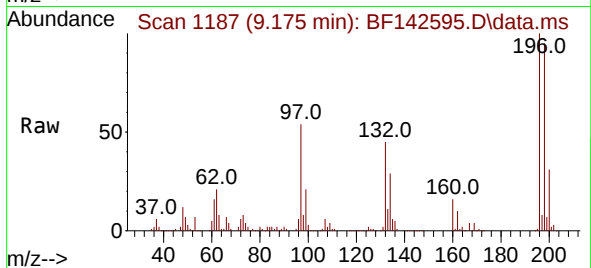
Tgt Ion:330 Resp: 383400
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 28.5 24.6 36.8



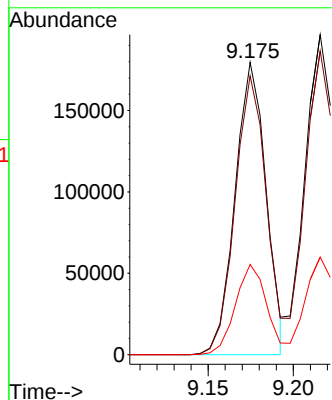
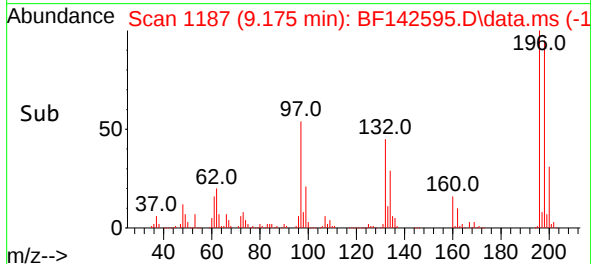


#43
2,4,6-Trichlorophenol
Concen: 43.281 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

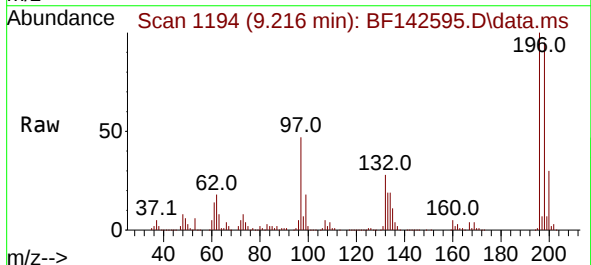
Instrument :
BNA_F
ClientSampleId :



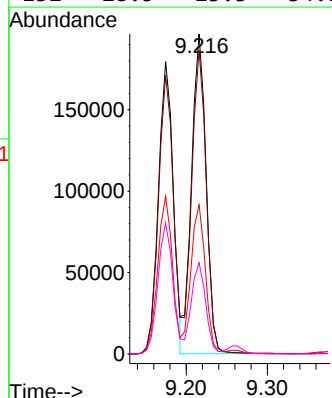
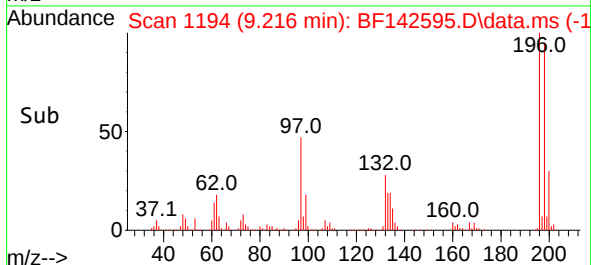
Tgt Ion:196 Resp: 227625
Ion Ratio Lower Upper
196 100
198 95.4 78.8 118.2
200 30.9 24.9 37.3

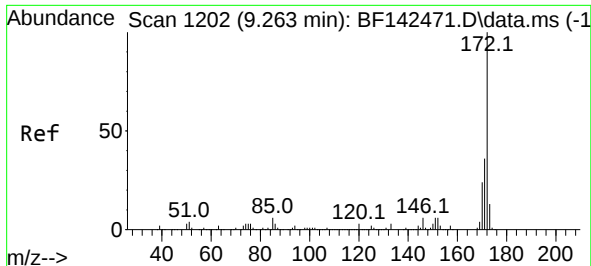


#44
2,4,5-Trichlorophenol
Concen: 44.440 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:196 Resp: 246489
Ion Ratio Lower Upper
196 100
198 94.9 75.5 113.3
97 46.6 39.3 58.9
132 28.5 23.3 34.9

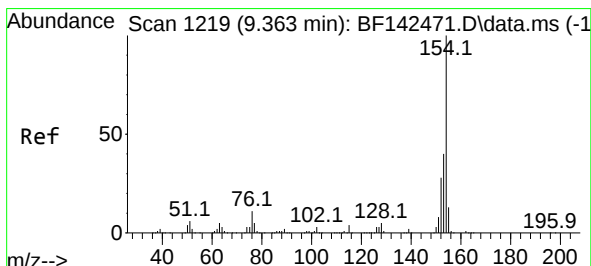
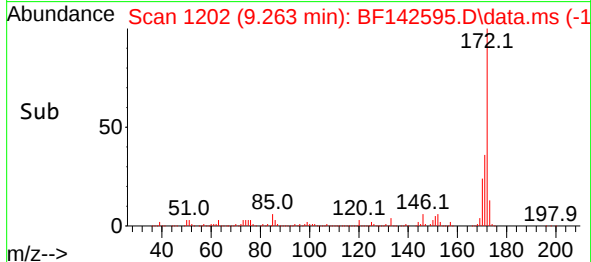
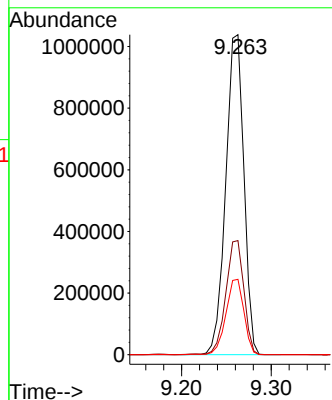
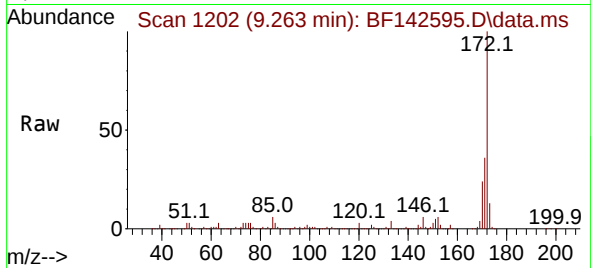




#45
2-Fluorobiphenyl
Concen: 71.975 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

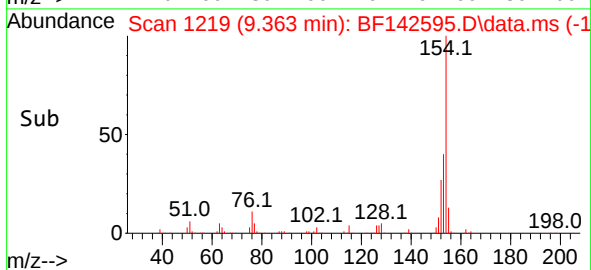
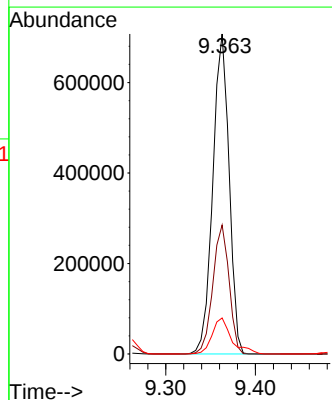
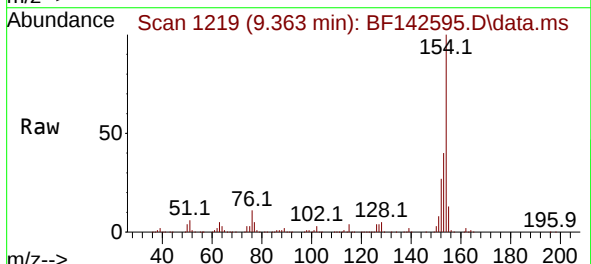
Instrument :
BNA_F
ClientSampleId :

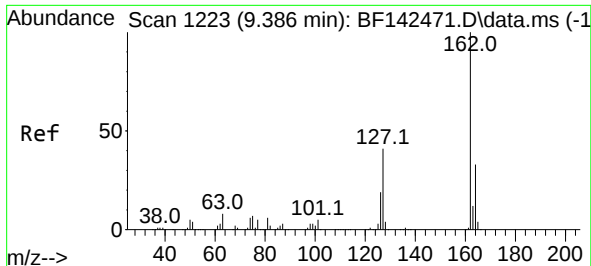
Tgt Ion:172 Resp: 1457346
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 42.247 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:154 Resp: 890515
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 41.940 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

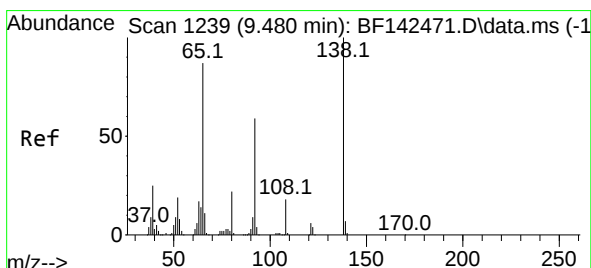
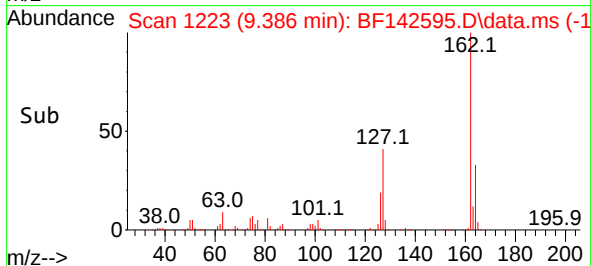
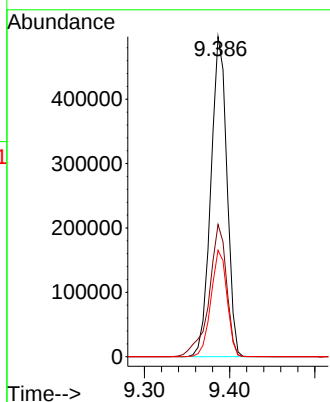
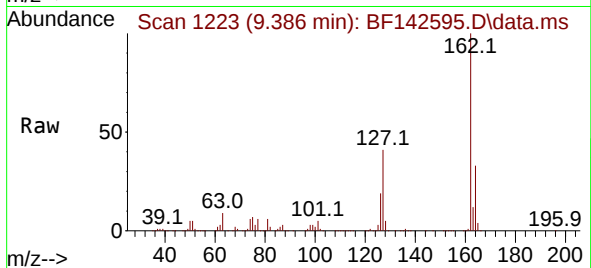
Tgt Ion:162 Resp: 653163

Ion Ratio Lower Upper

162 100

127 41.3 33.5 50.3

164 33.2 26.1 39.1



#48

2-Nitroaniline

Concen: 45.136 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

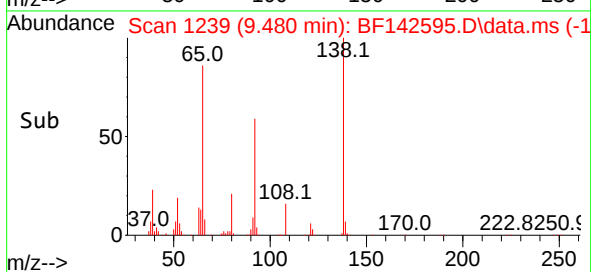
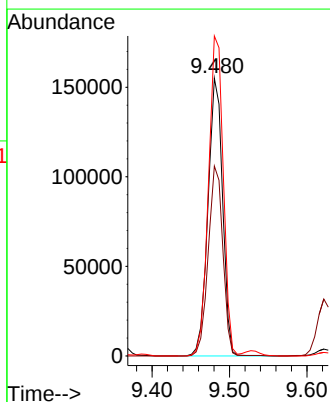
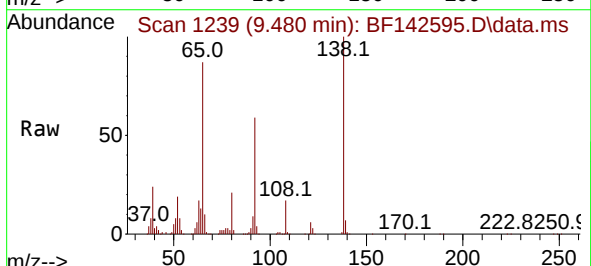
Tgt Ion: 65 Resp: 203179

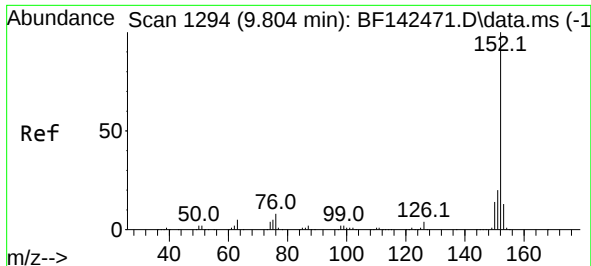
Ion Ratio Lower Upper

65 100

92 68.4 54.4 81.6

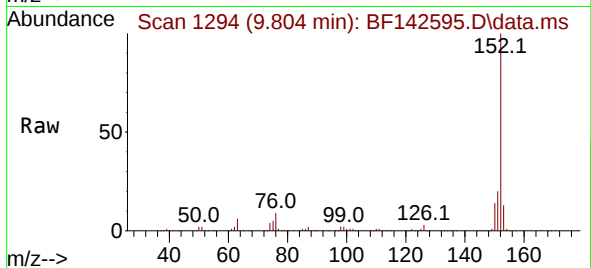
138 115.2 91.4 137.2



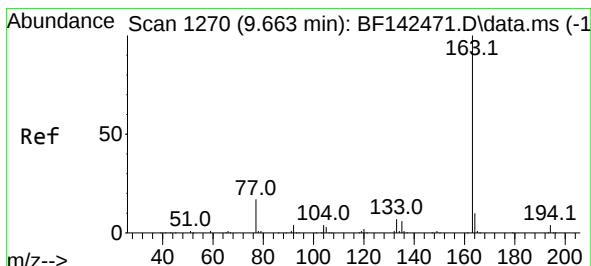
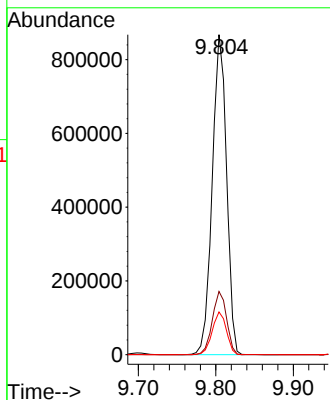
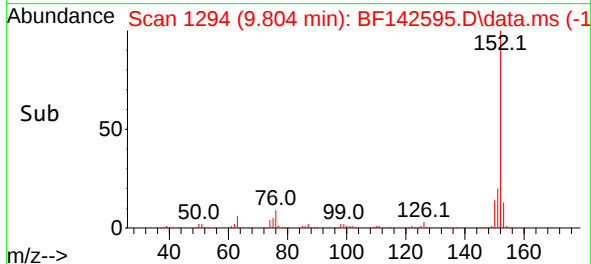


#49
Acenaphthylene
Concen: 42.363 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

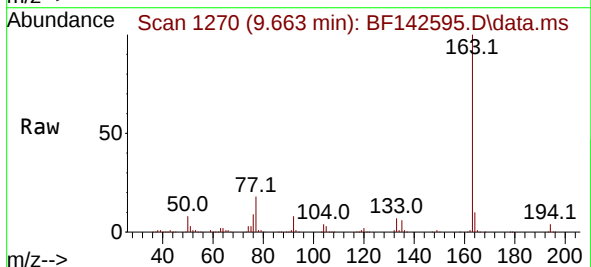
Instrument :
BNA_F
ClientSampleId :



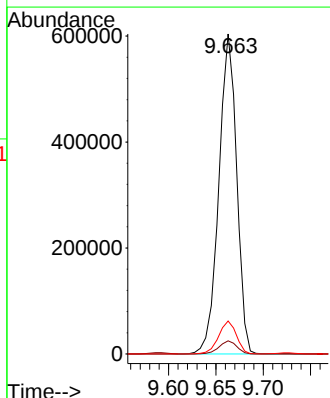
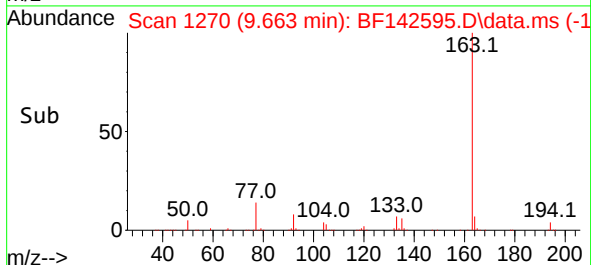
Tgt Ion:152 Resp: 1114044
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.3 10.6 15.8

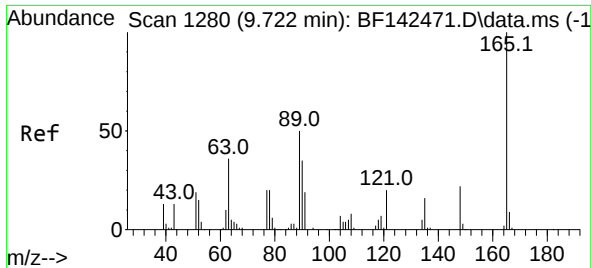


#50
Dimethylphthalate
Concen: 44.199 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54



Tgt Ion:163 Resp: 792383
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.4

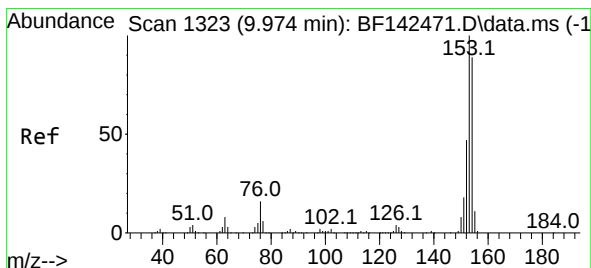
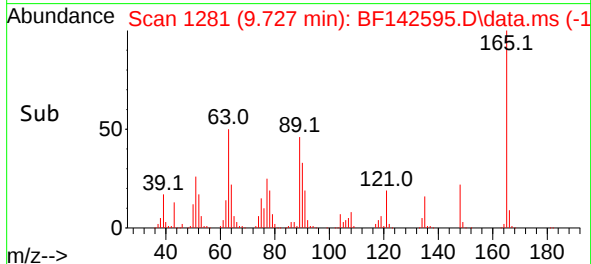
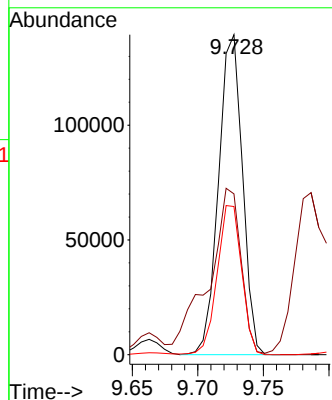
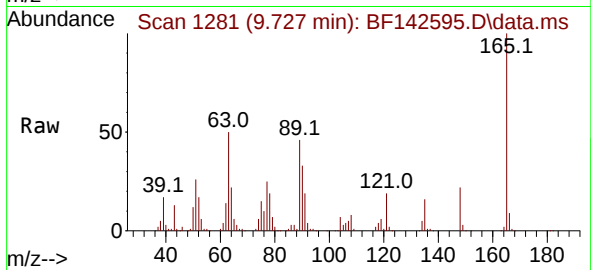




#51
2,6-Dinitrotoluene
Concen: 45.656 ng
RT: 9.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

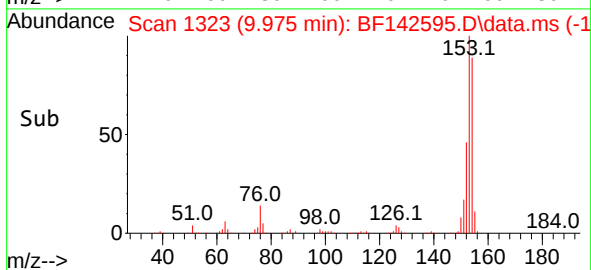
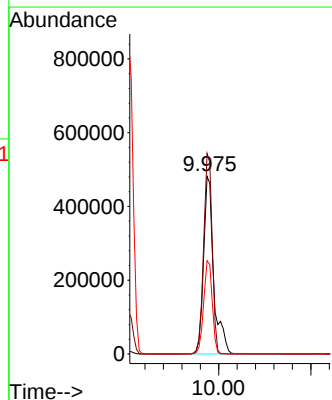
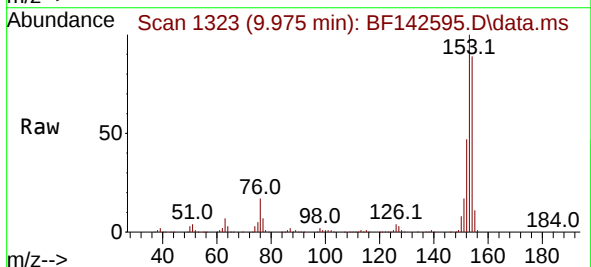
Instrument :
BNA_F
ClientSampleId :

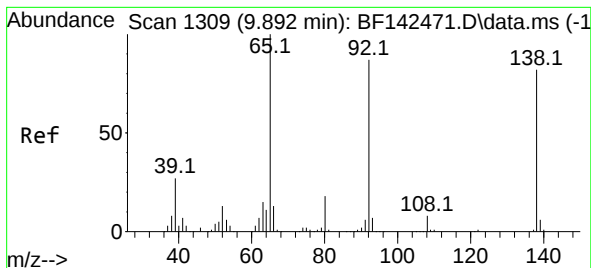
Tgt Ion:165 Resp: 176658
Ion Ratio Lower Upper
165 100
63 50.3 42.9 64.3
89 46.3 40.2 60.4



#52
Acenaphthene
Concen: 46.329 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:154 Resp: 743945
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 52.6 42.6 64.0





#53

3-Nitroaniline

Concen: 27.052 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.006 min

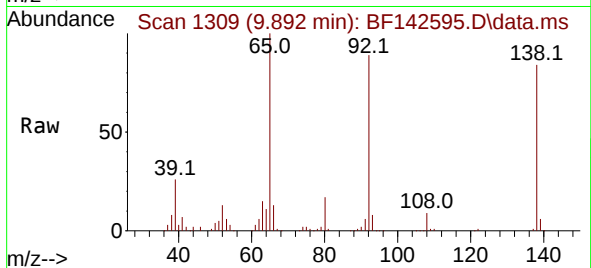
Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :



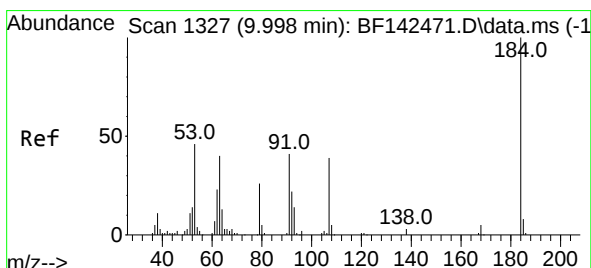
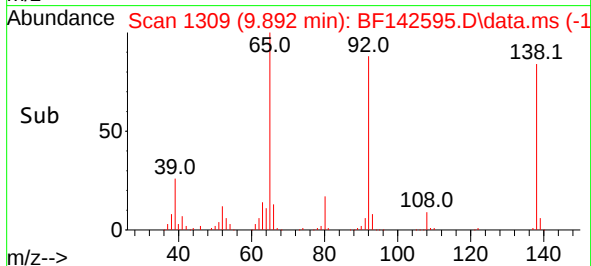
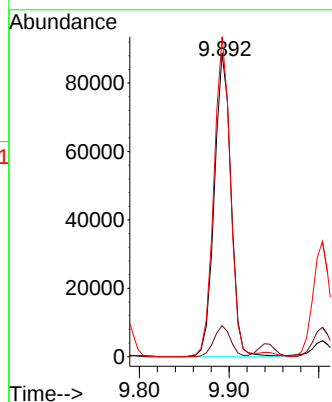
Tgt Ion:138 Resp: 114327

Ion Ratio Lower Upper

138 100

108 10.2 8.1 12.1

92 105.3 85.2 127.8



#54

2,4-Dinitrophenol

Concen: 98.857 ng

RT: 10.004 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

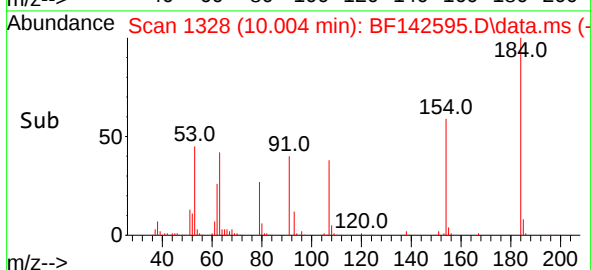
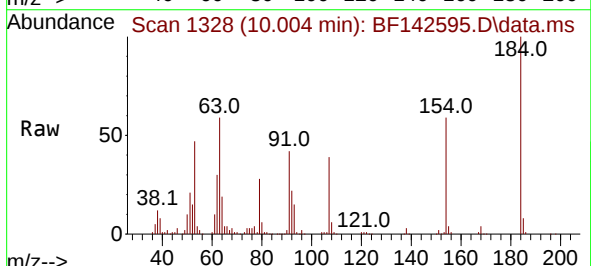
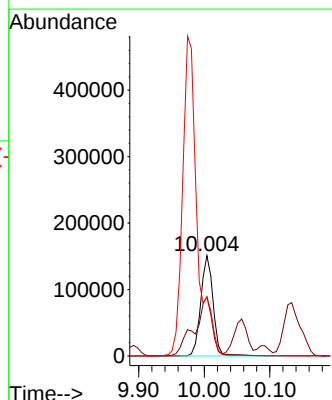
Tgt Ion:184 Resp: 197620

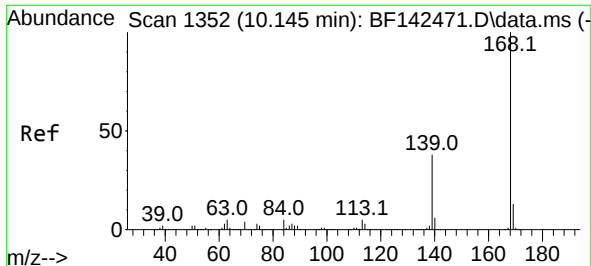
Ion Ratio Lower Upper

184 100

63 59.1 46.3 69.5

154 58.7 56.8 85.2

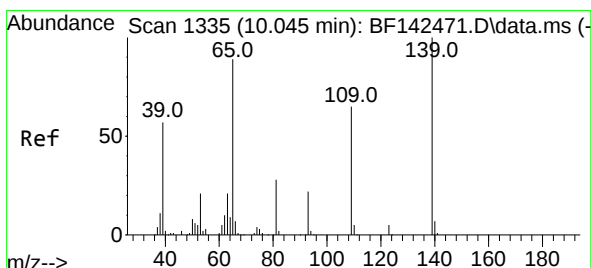
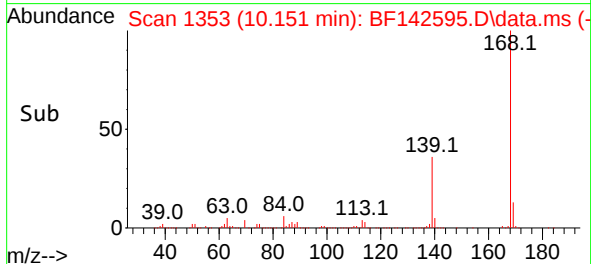
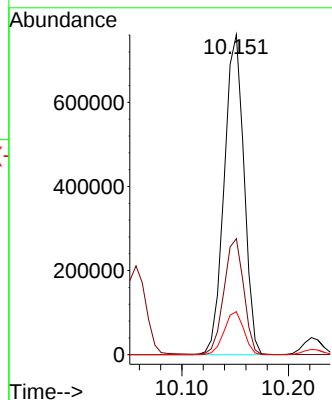
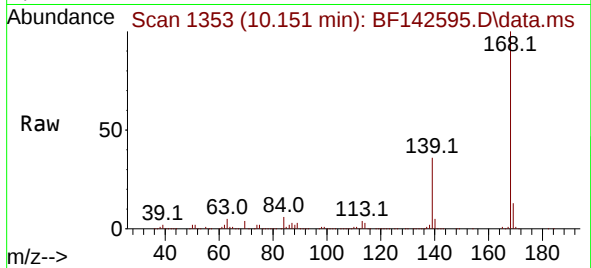




#55
Dibenzenofuran
Concen: 42.367 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

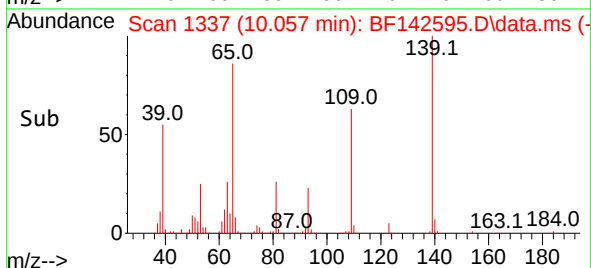
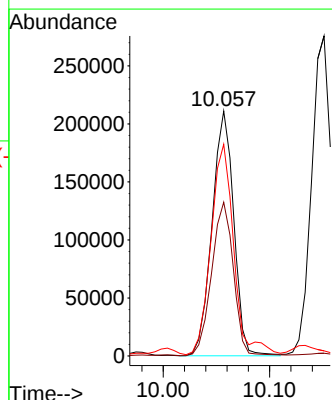
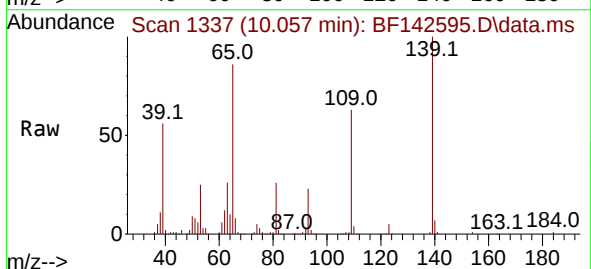
Instrument :
BNA_F
ClientSampleId :

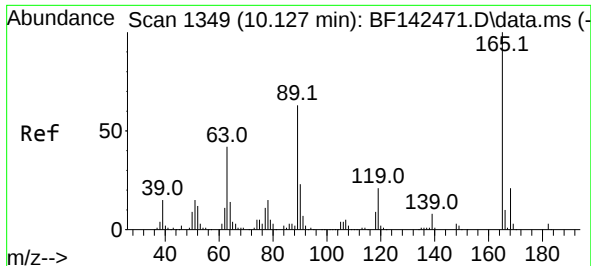
Tgt Ion:168 Resp: 979008
Ion Ratio Lower Upper
168 100
139 36.2 30.2 45.2
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 95.715 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

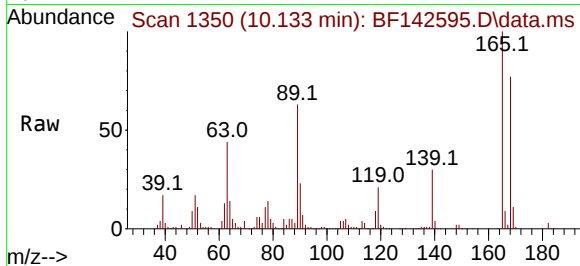
Tgt Ion:139 Resp: 298469
Ion Ratio Lower Upper
139 100
109 62.8 45.1 85.1
65 86.4 69.7 109.7



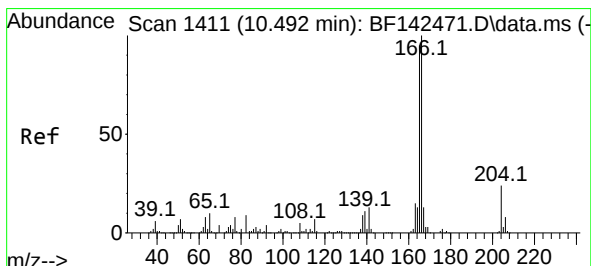
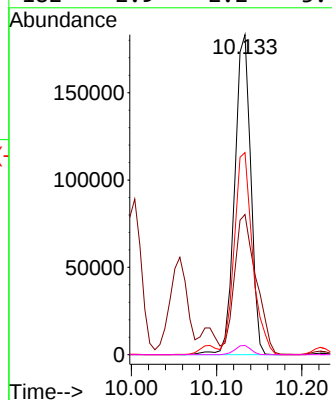
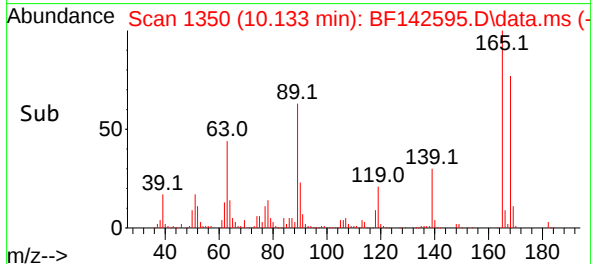


#57
2,4-Dinitrotoluene
Concen: 47.451 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :
BNA_F
ClientSampleId :

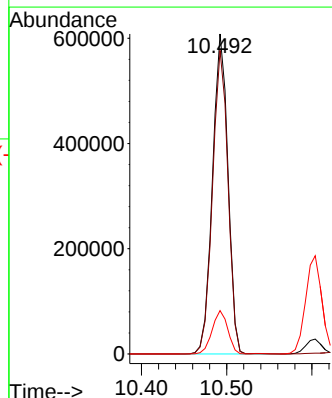
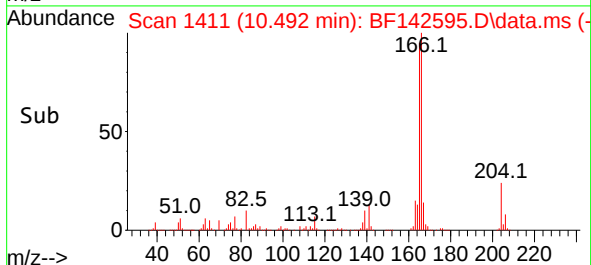
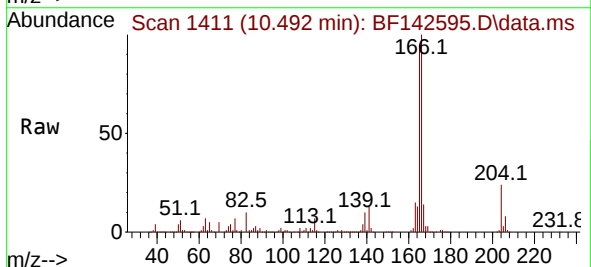


Tgt Ion:165 Resp: 239779
Ion Ratio Lower Upper
165 100
63 43.8 33.6 50.4
89 63.2 50.2 75.4
182 2.9 2.2 3.4



#58
Fluorene
Concen: 42.995 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:166 Resp: 767546
Ion Ratio Lower Upper
166 100
165 94.9 75.8 113.8
167 13.6 10.6 16.0

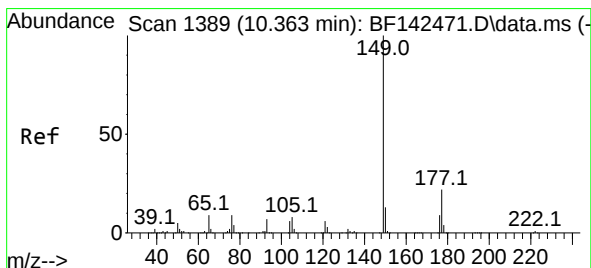
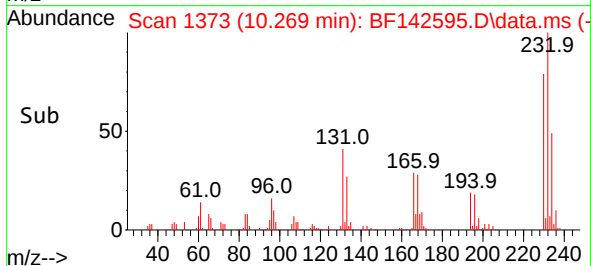
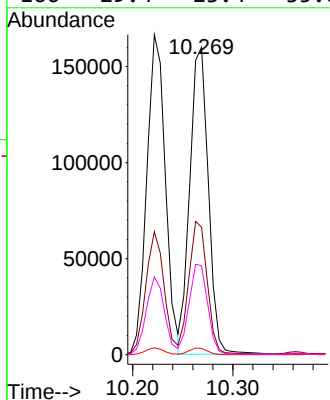
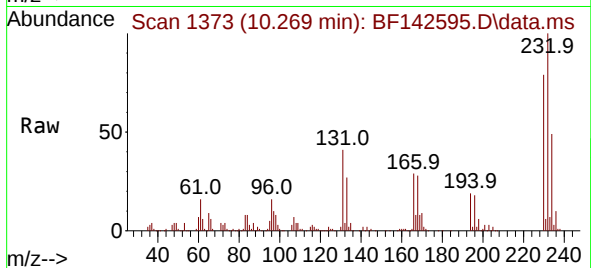




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.249 ng
RT: 10.269 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

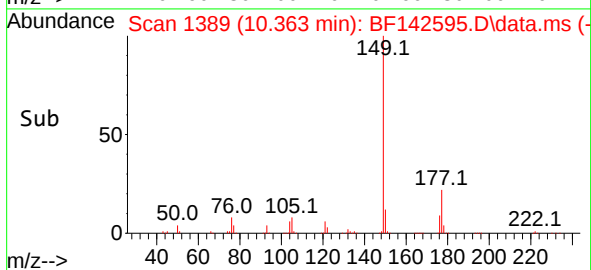
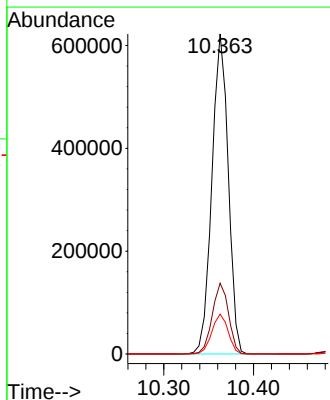
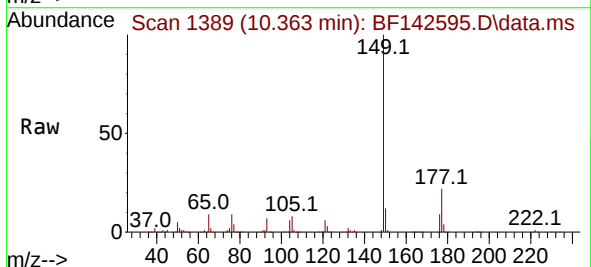
Instrument :
BNA_F
ClientSampleId :

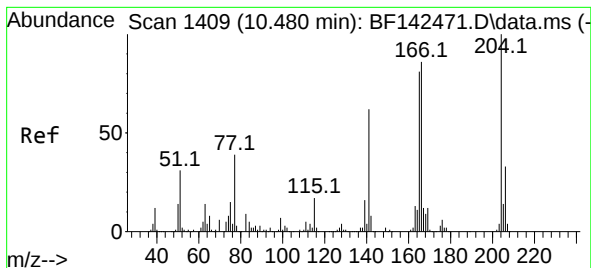
Tgt Ion:232 Resp: 204888
Ion Ratio Lower Upper
232 100
131 43.6 35.2 52.8
130 2.1 1.7 2.5
166 29.4 23.4 35.0



#60
Diethylphthalate
Concen: 44.951 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:149 Resp: 787046
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.5 10.1 15.1

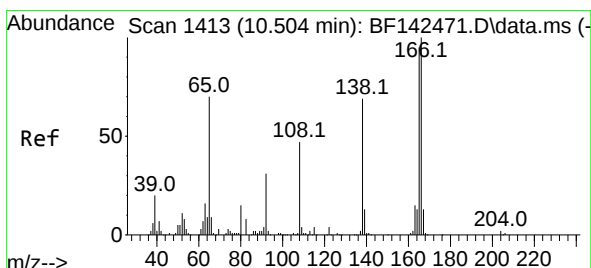
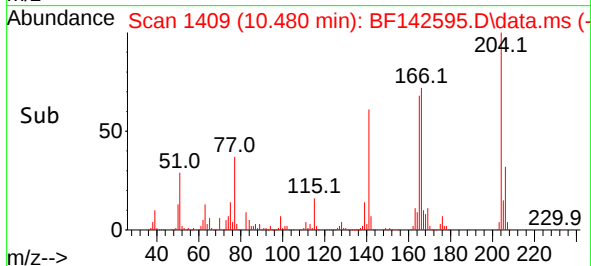
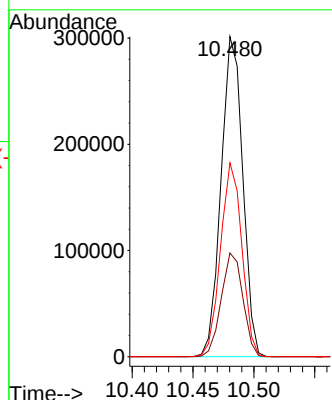
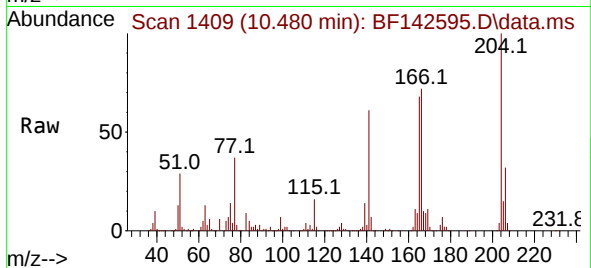




#61
4-Chlorophenyl-phenylether
Concen: 42.578 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

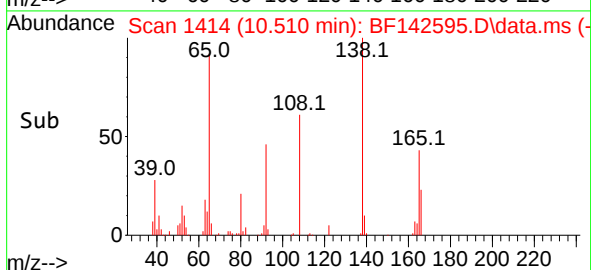
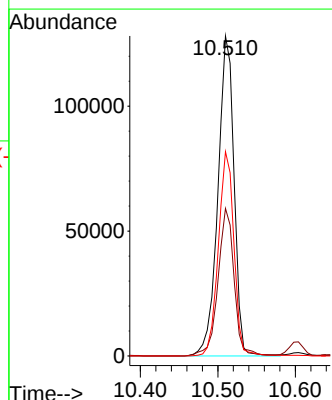
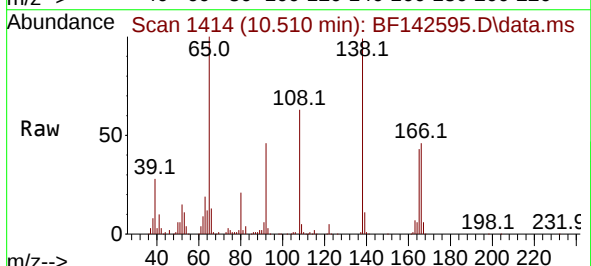
Instrument :
BNA_F
ClientSampleId :

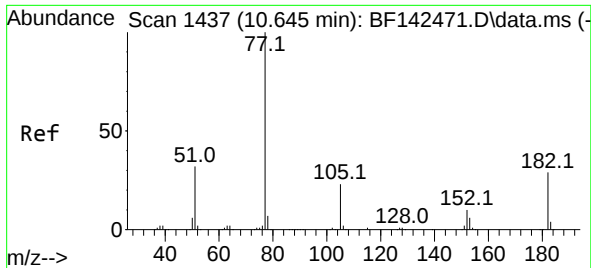
Tgt Ion:204 Resp: 373395
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 60.5 49.5 74.3



#62
4-Nitroaniline
Concen: 48.480 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:138 Resp: 185820
Ion Ratio Lower Upper
138 100
92 46.1 26.0 66.0
108 63.9 48.4 88.4

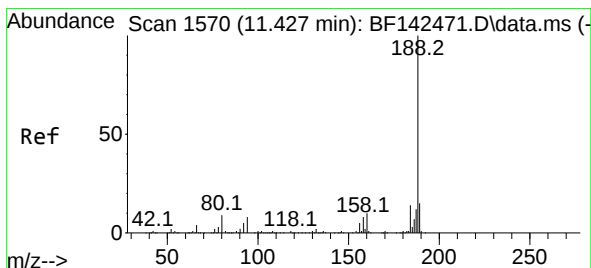
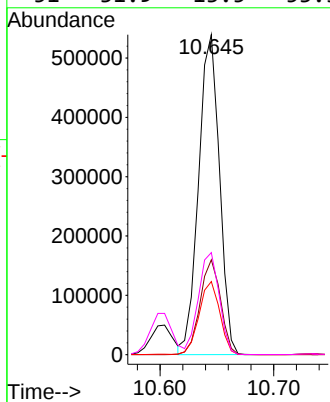
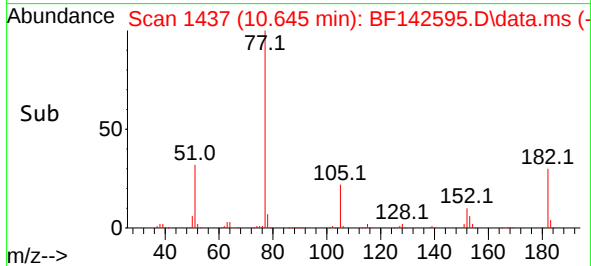
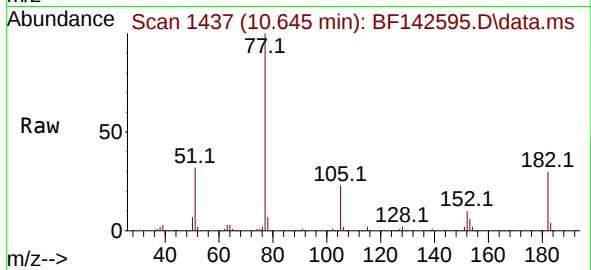




#63
Azobenzene
Concen: 43.717 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

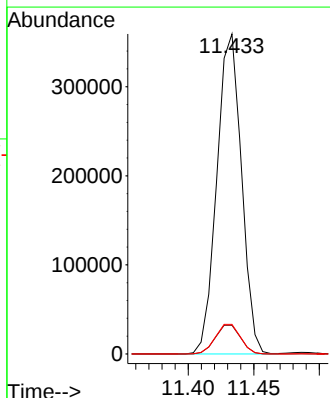
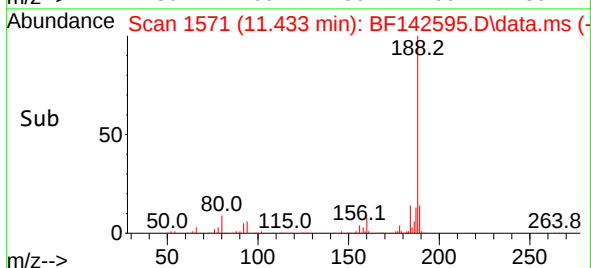
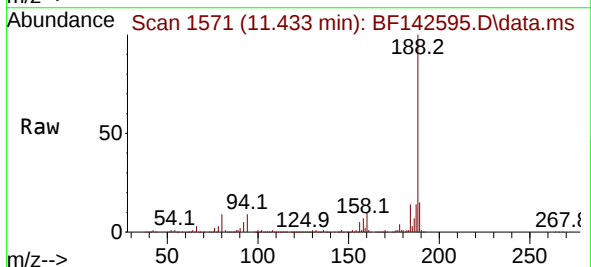
Instrument :
BNA_F
ClientSampleId :

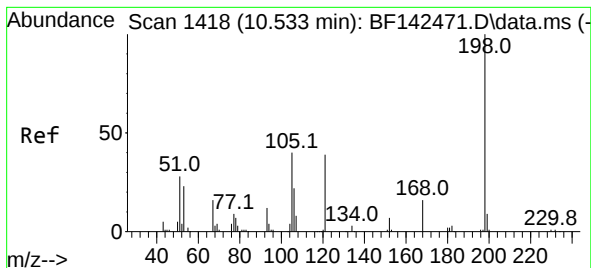
Tgt Ion: 77	Resp: 687495
Ion Ratio	Lower Upper
77 100	
182 29.7	9.0 49.0
105 22.9	2.4 42.4
51 31.9	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:188	Resp: 469529
Ion Ratio	Lower Upper
188 100	
94 8.9	6.6 10.0
80 9.2	7.4 11.0

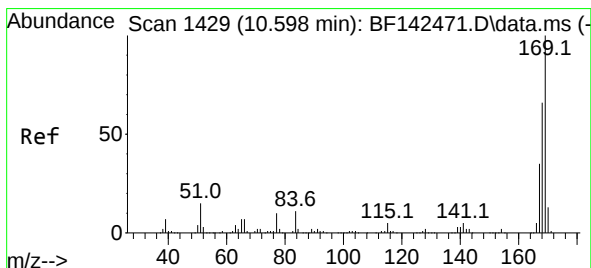
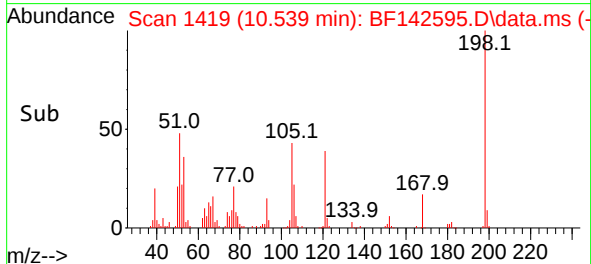
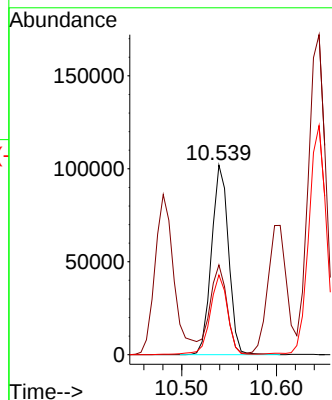
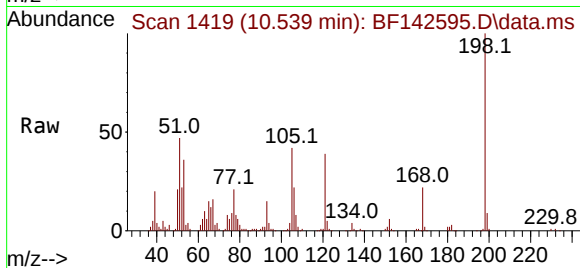




#65
4,6-Dinitro-2-methylphenol
Concen: 48.578 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

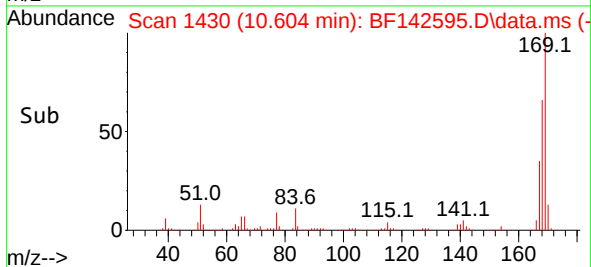
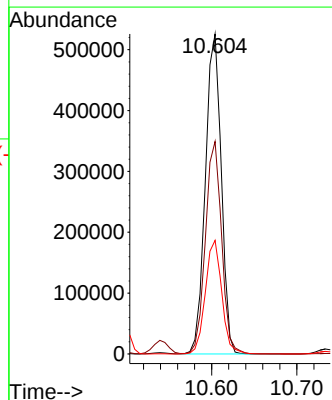
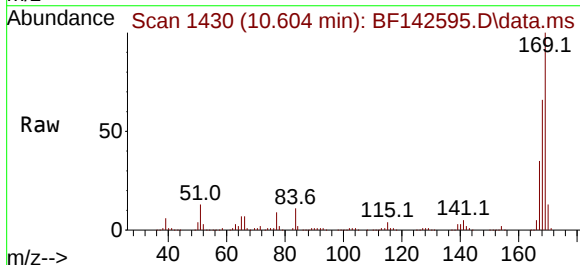
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 127291
Ion Ratio Lower Upper
198 100
51 47.4 28.3 68.3
105 42.0 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 42.475 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:169 Resp: 682308
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 35.5 28.3 42.5

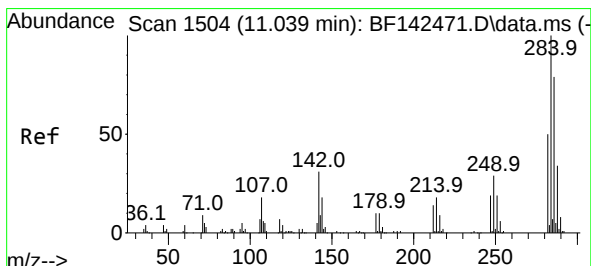
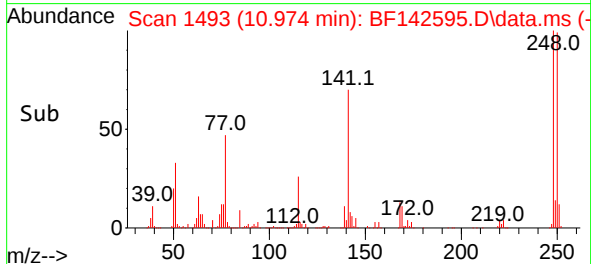
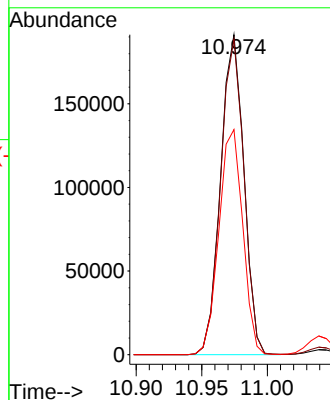
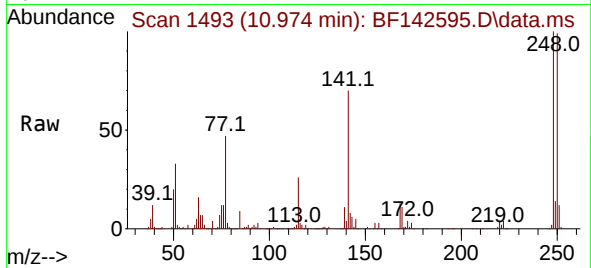




#67
4-Bromophenyl-phenylether
Concen: 42.648 ng
RT: 10.974 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

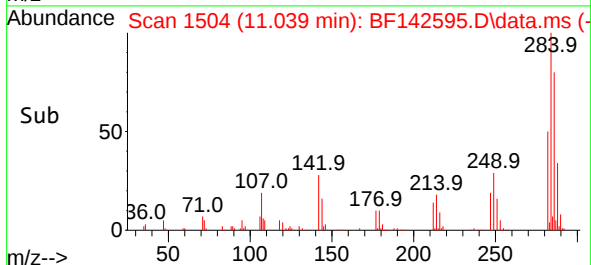
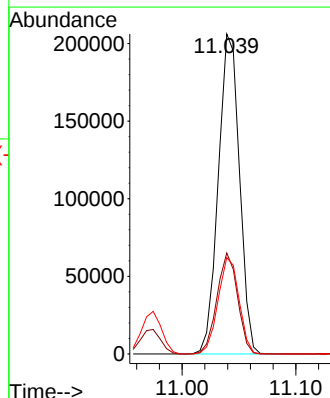
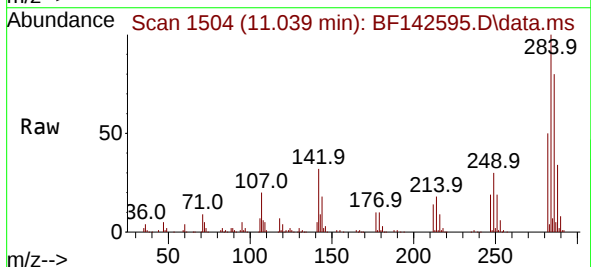
Instrument :
BNA_F
ClientSampleId :

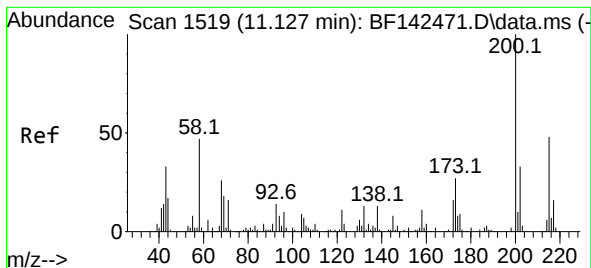
Tgt Ion:248 Resp: 236773
Ion Ratio Lower Upper
248 100
250 98.6 79.0 118.4
141 70.3 58.4 87.6



#68
Hexachlorobenzene
Concen: 43.507 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:284 Resp: 267154
Ion Ratio Lower Upper
284 100
142 31.6 24.8 37.2
249 30.1 23.6 35.4





#69

Atrazine

Concen: 49.336 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

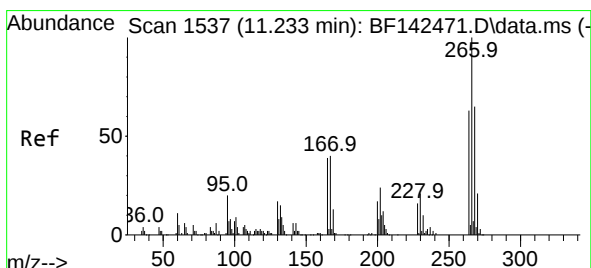
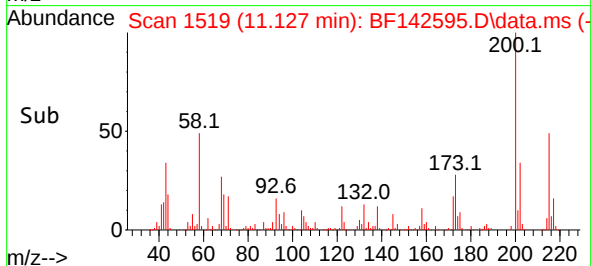
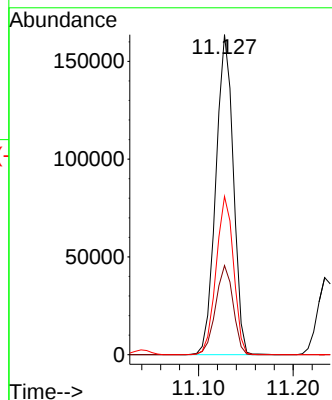
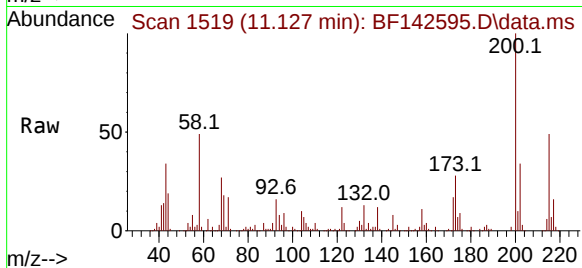
Tgt Ion:200 Resp: 210470

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 49.4 28.5 68.5



#70

Pentachlorophenol

Concen: 87.484 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

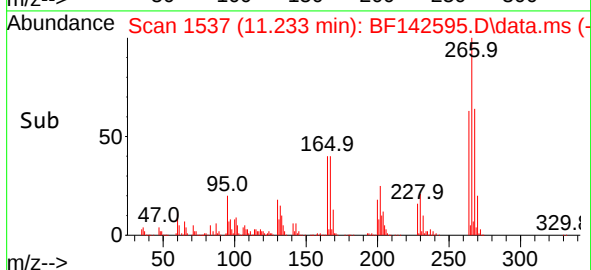
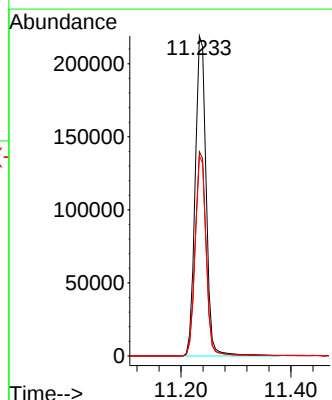
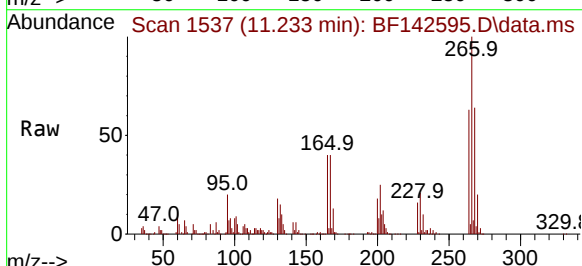
Tgt Ion:266 Resp: 303289

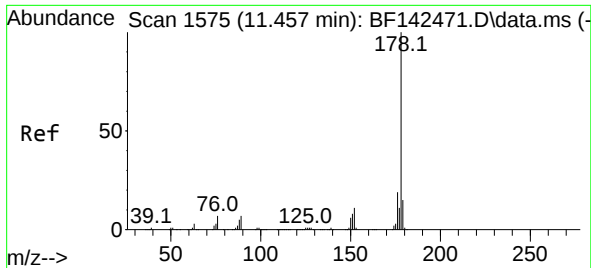
Ion Ratio Lower Upper

266 100

268 63.8 51.7 77.5

264 62.6 50.4 75.6

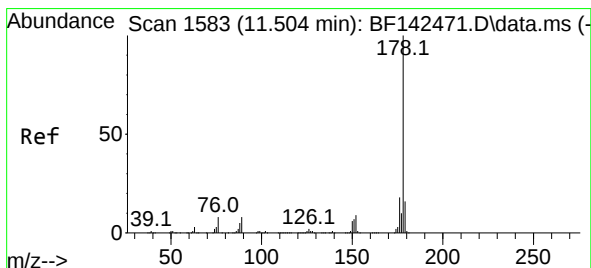
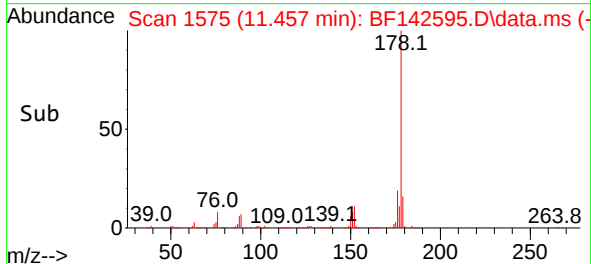
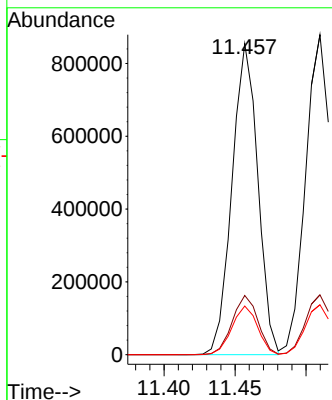
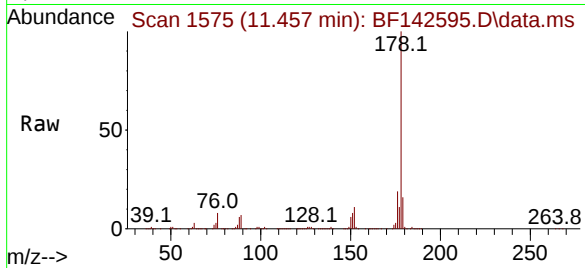




#71
Phenanthrene
Concen: 43.099 ng
RT: 11.457 min Scan# 11575
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

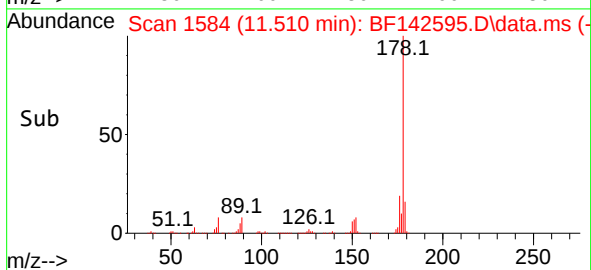
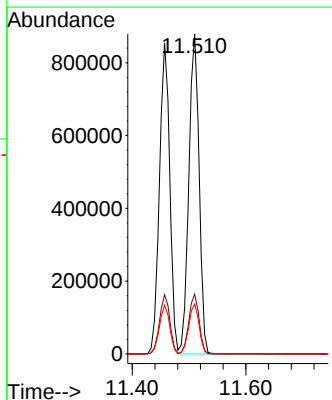
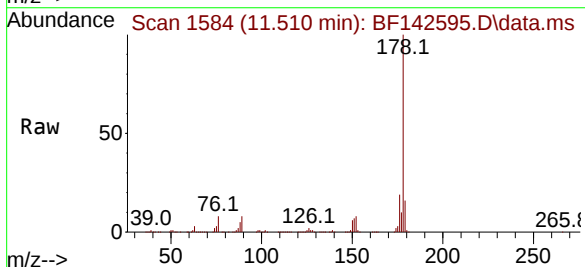
Instrument :
BNA_F
ClientSampleId :

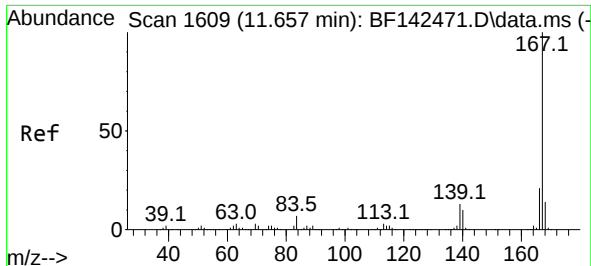
Tgt Ion:178 Resp: 1081466
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 43.228 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

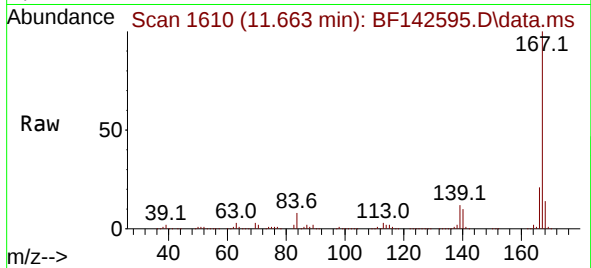
Tgt Ion:178 Resp: 1107034
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.6 12.4 18.6



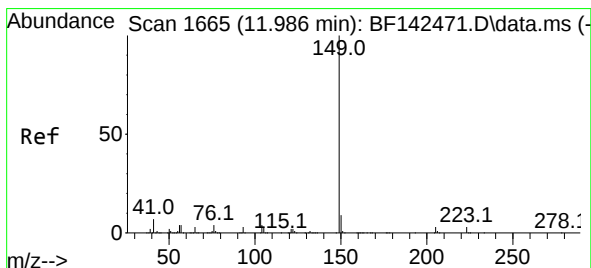
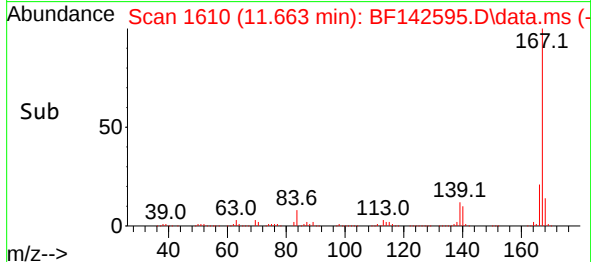
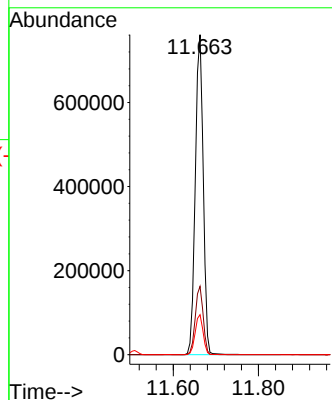


#73
Carbazole
Concen: 44.892 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :
BNA_F
ClientSampleId :

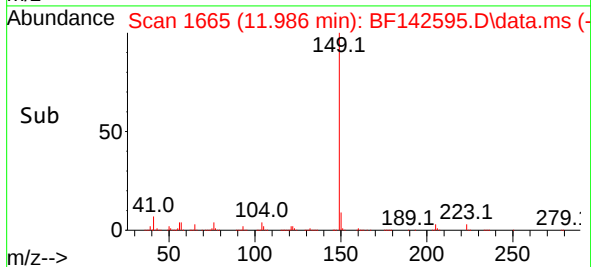
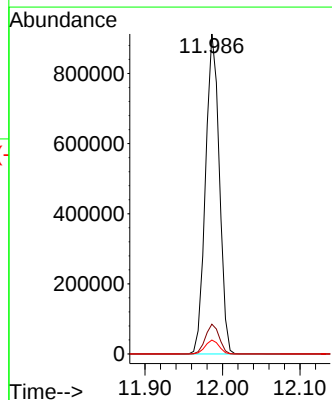
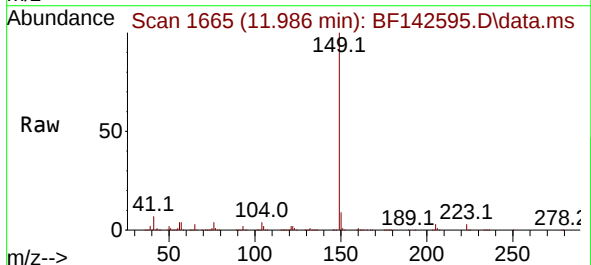


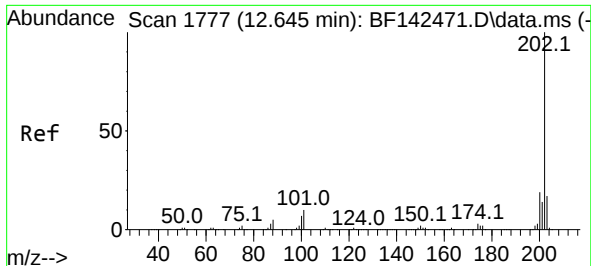
Tgt Ion:167 Resp: 982811
Ion Ratio Lower Upper
167 100
166 21.4 16.9 25.3
139 12.5 10.2 15.4



#74
Di-n-butylphthalate
Concen: 47.051 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:149 Resp: 1127520
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.4 3.6 5.4

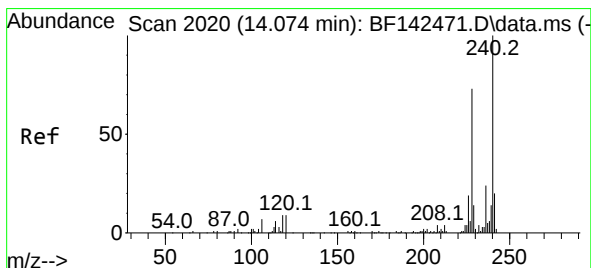
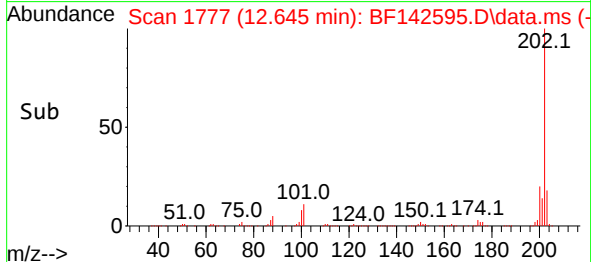
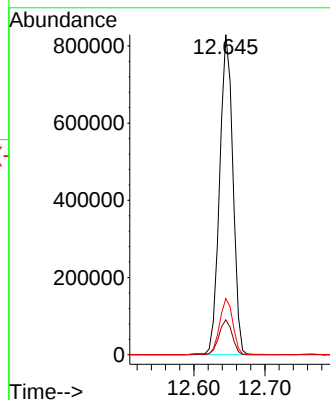
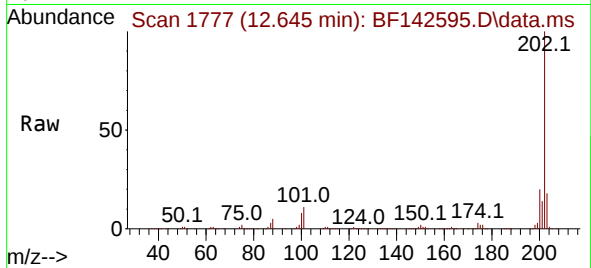




#75
Fluoranthene
Concen: 45.634 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

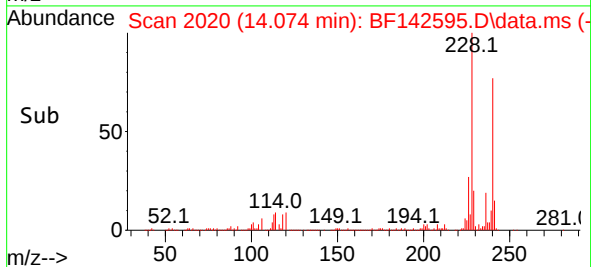
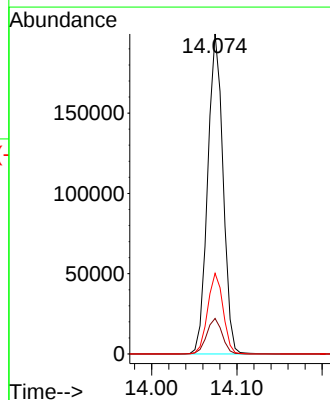
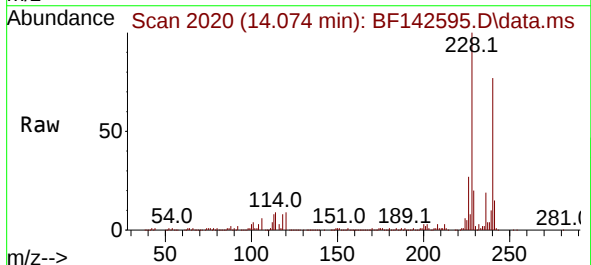
Instrument :
BNA_F
ClientSampleId :

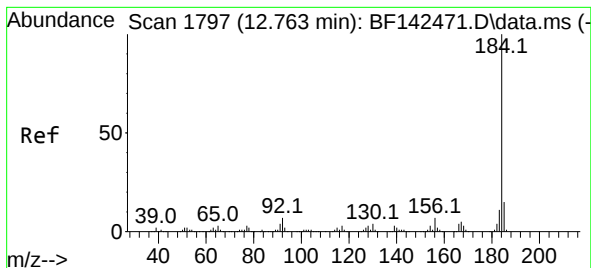
Tgt Ion:202 Resp: 1069949
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.6
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:240 Resp: 249290
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 25.2 19.6 29.4





#77

Benzidine

Concen: 39.141 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

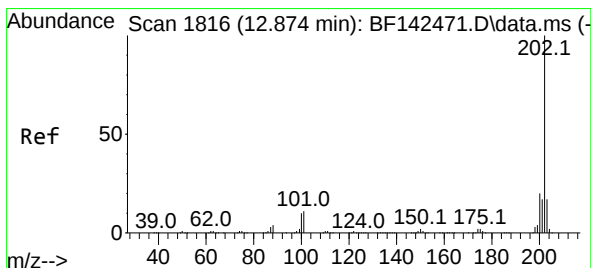
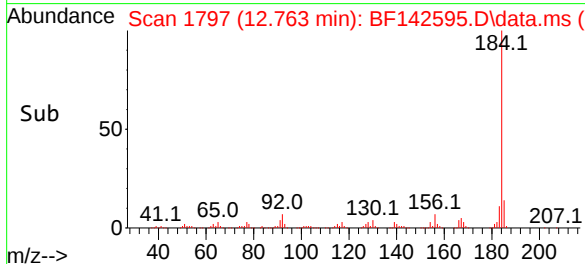
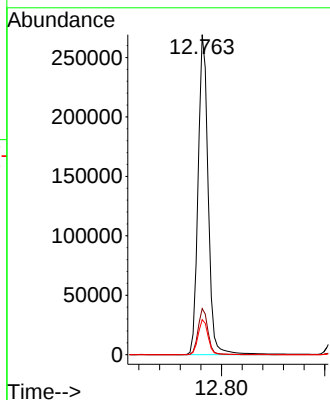
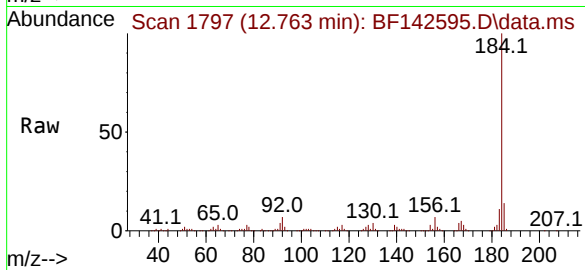
Tgt Ion:184 Resp: 363104

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 10.9 9.0 13.4



#78

Pyrene

Concen: 45.218 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

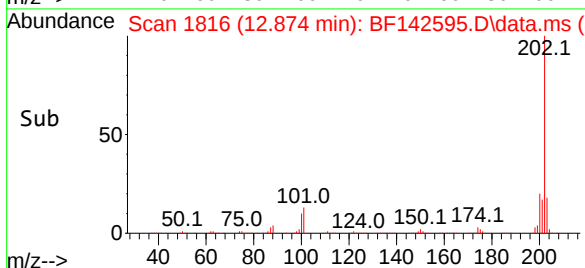
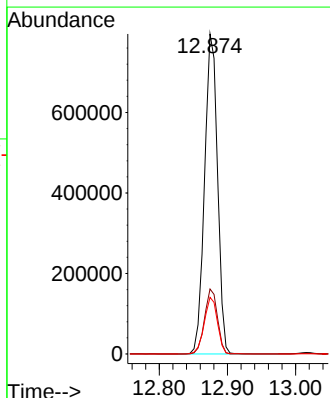
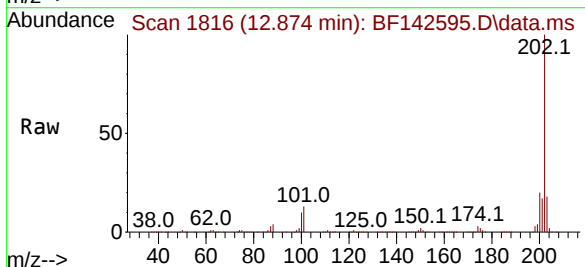
Tgt Ion:202 Resp: 1051541

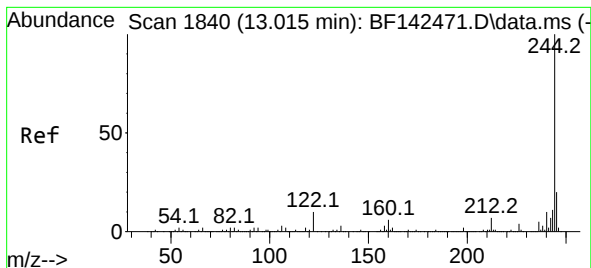
Ion Ratio Lower Upper

202 100

200 20.3 16.1 24.1

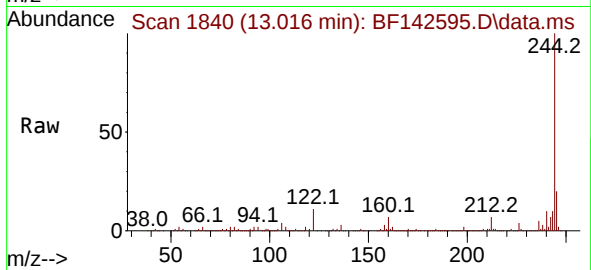
203 17.7 13.9 20.9





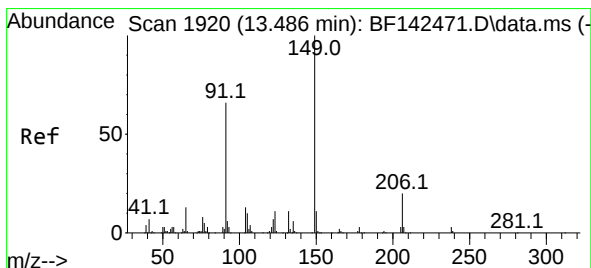
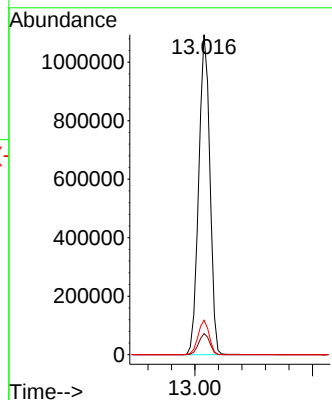
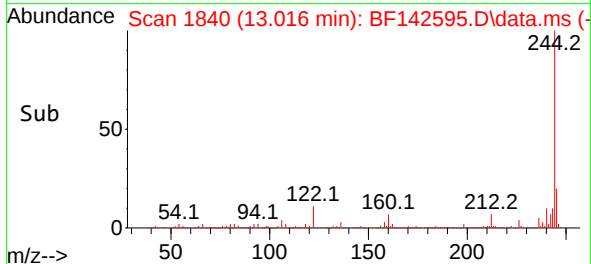
#79
 Terphenyl-d14
 Concen: 78.985 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142595.D
 Acq: 02 Jun 2025 13:54

Instrument :
 BNA_F
 ClientSampleId :

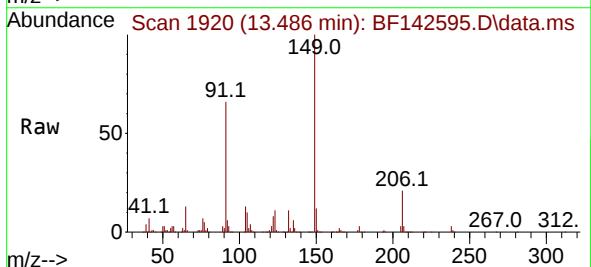


Tgt Ion:244 Resp: 1440878

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	10.8	8.2	12.2

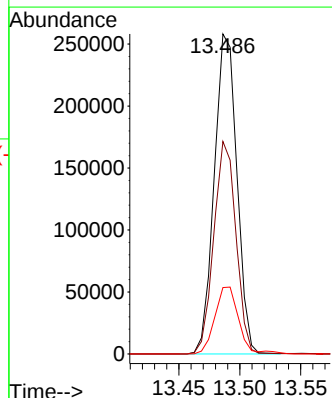
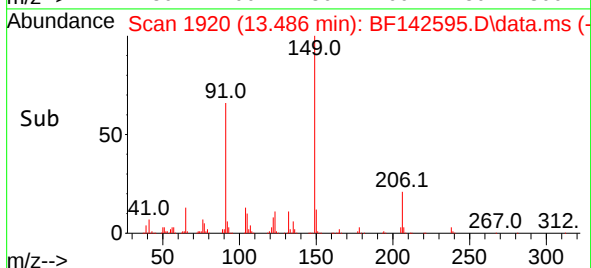


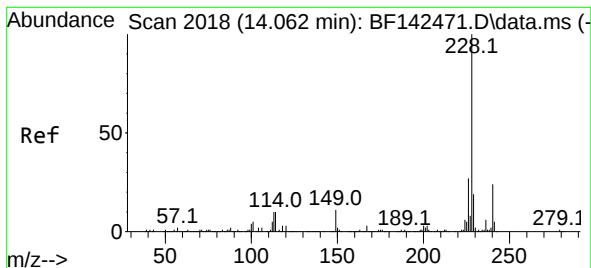
#80
 Butylbenzylphthalate
 Concen: 51.953 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142595.D
 Acq: 02 Jun 2025 13:54



Tgt Ion:149 Resp: 333843

Ion	Ratio	Lower	Upper
149	100		
91	66.4	52.9	79.3
206	20.7	16.2	24.2





#81

Benzo(a)anthracene

Concen: 43.899 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

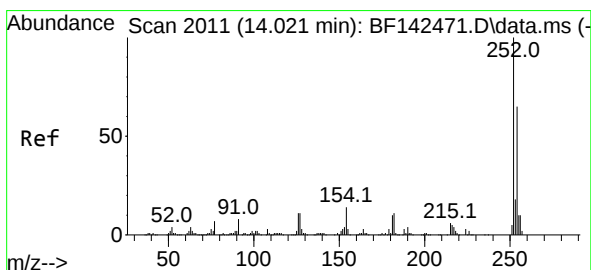
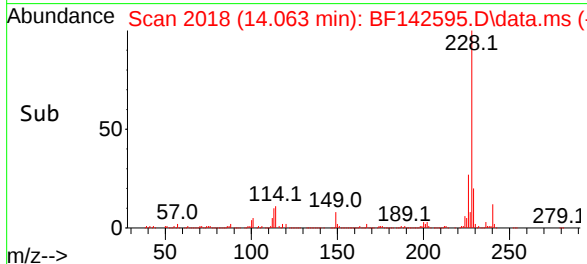
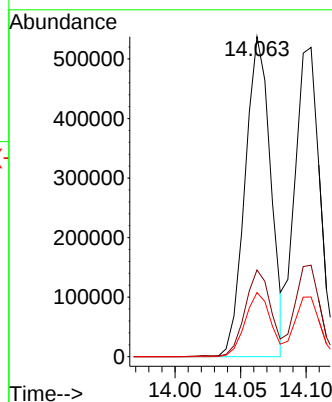
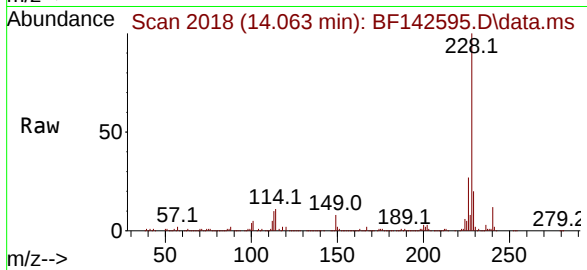
Tgt Ion:228 Resp: 730755

Ion Ratio Lower Upper

228 100

226 27.1 21.2 31.8

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 26.636 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

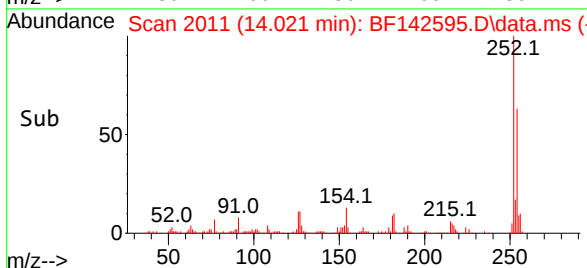
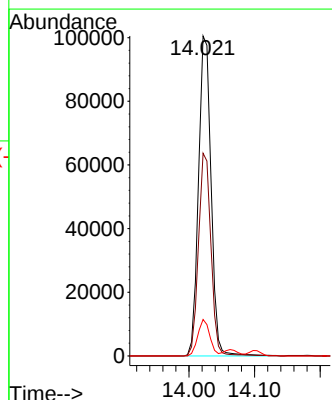
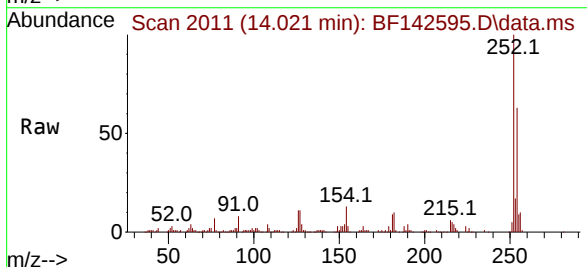
Tgt Ion:252 Resp: 134486

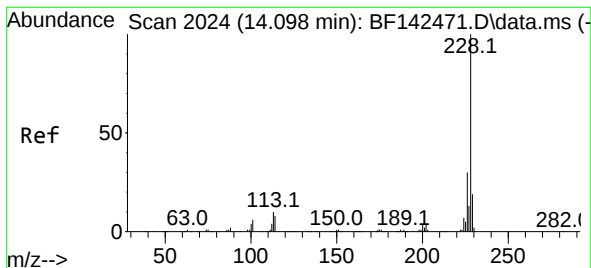
Ion Ratio Lower Upper

252 100

254 63.4 52.0 78.0

126 11.4 8.9 13.3





#83

Chrysene

Concen: 45.734 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

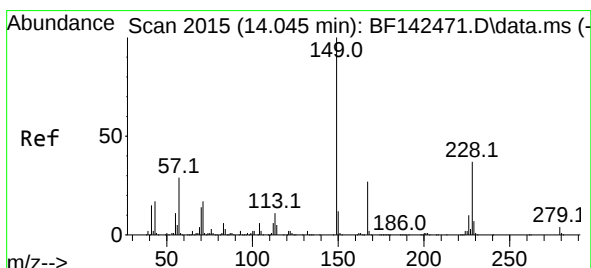
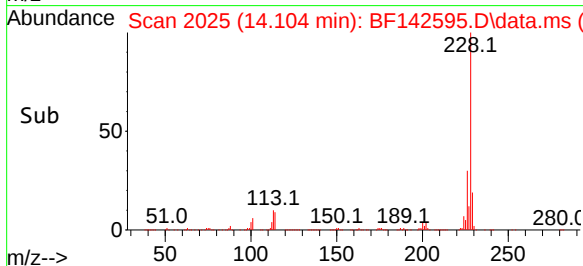
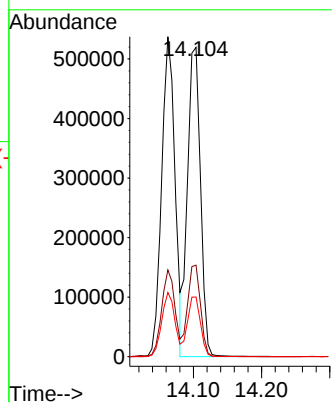
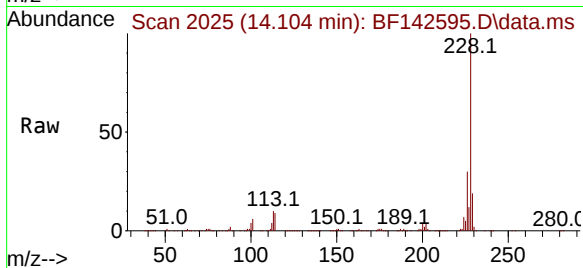
Tgt Ion:228 Resp: 684085

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.711 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

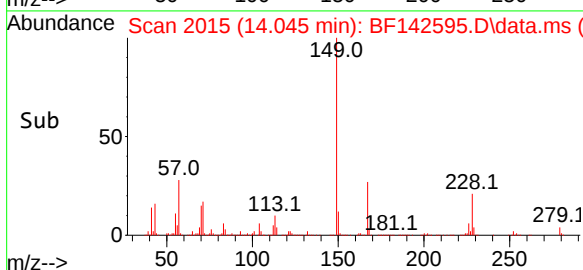
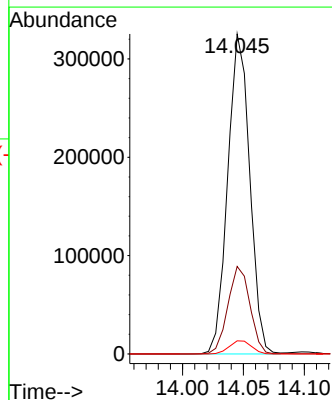
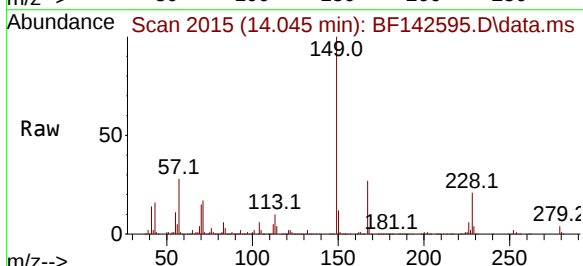
Tgt Ion:149 Resp: 408925

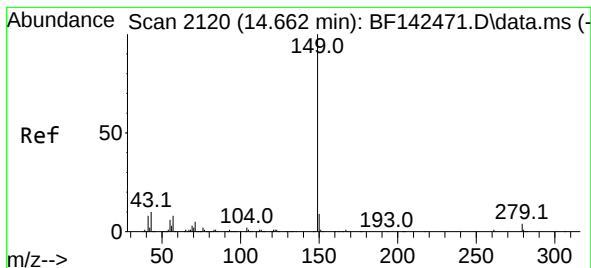
Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.803 ng

RT: 14.662 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

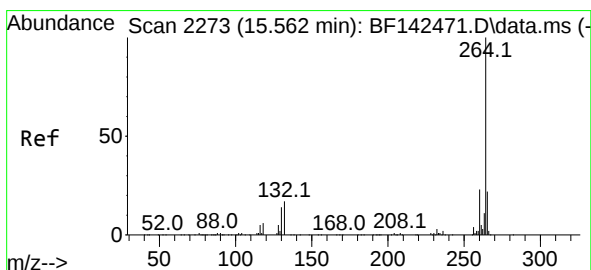
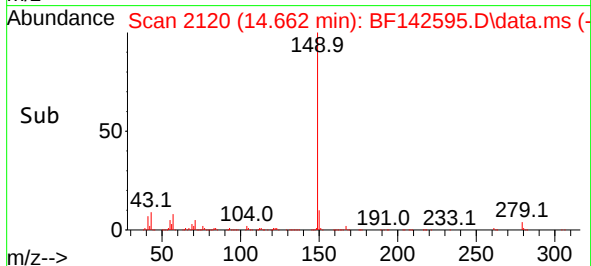
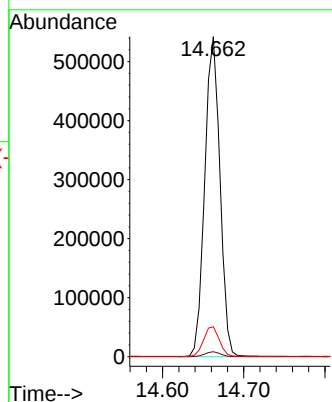
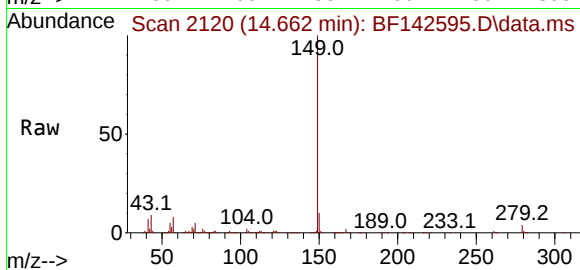
Tgt Ion:149 Resp: 704542

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

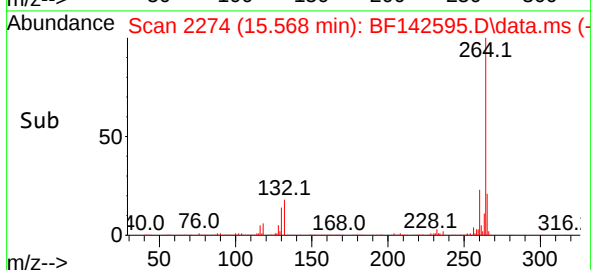
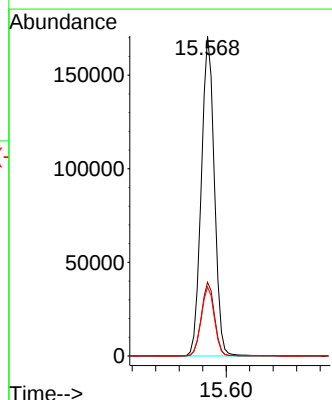
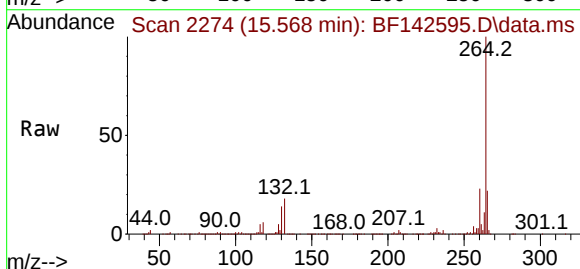
Tgt Ion:264 Resp: 263582

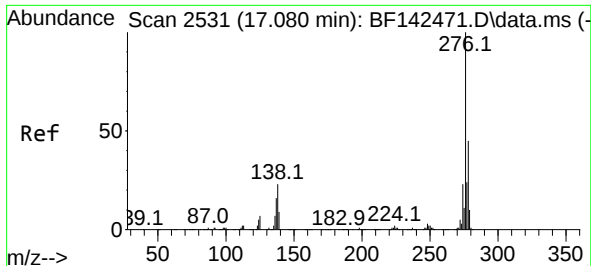
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

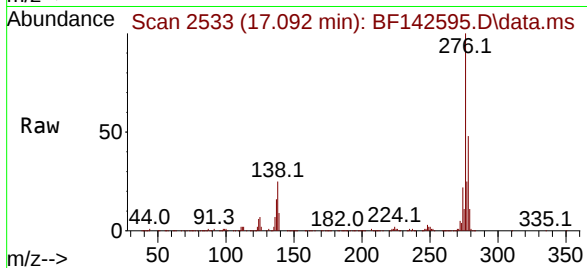
265 21.5 17.7 26.5



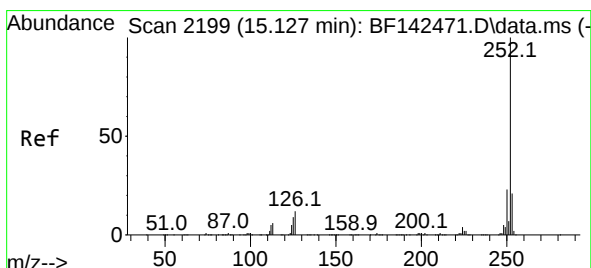
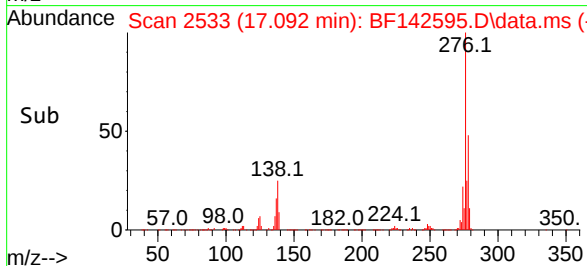
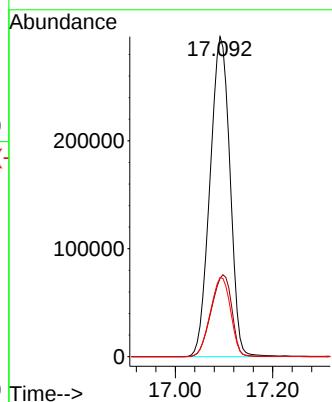


#87
Indeno(1,2,3-cd)pyrene
Concen: 42.614 ng
RT: 17.092 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :
BNA_F
ClientSampleId :

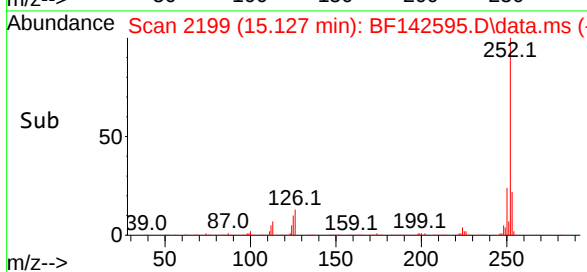
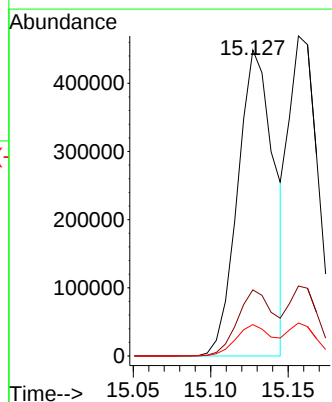
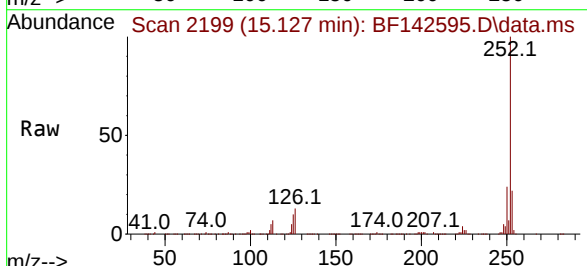


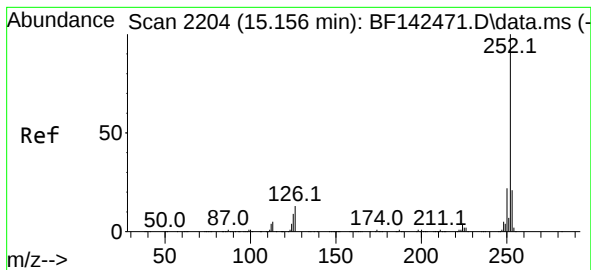
Tgt Ion:276 Resp: 843246
Ion Ratio Lower Upper
276 100
138 26.5 19.9 29.9
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 46.873 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:252 Resp: 731225
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 10.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 42.107 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

Instrument :

BNA_F

ClientSampleId :

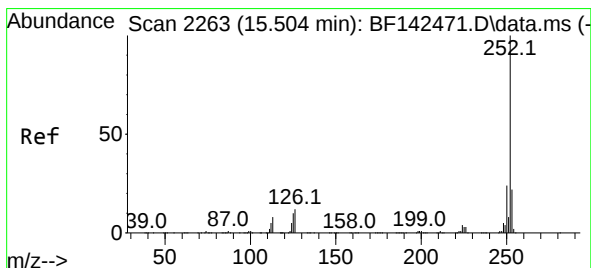
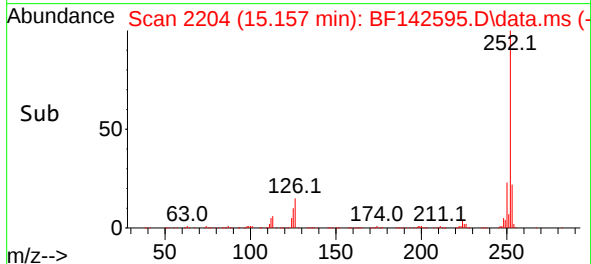
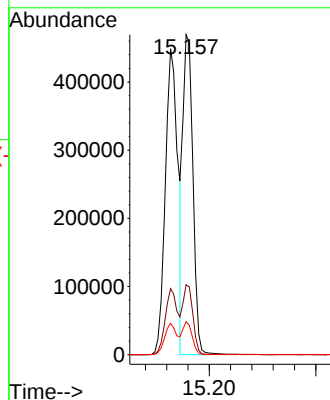
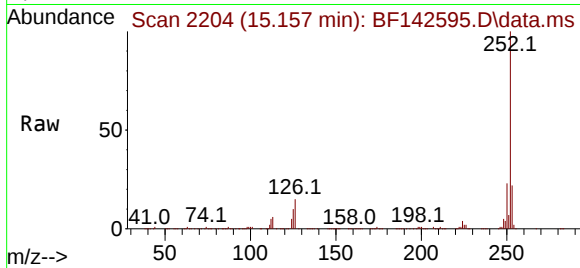
Tgt Ion:252 Resp: 615237

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 10.3 7.3 10.9



#90

Benzo(a)pyrene

Concen: 45.004 ng

RT: 15.509 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF142595.D

Acq: 02 Jun 2025 13:54

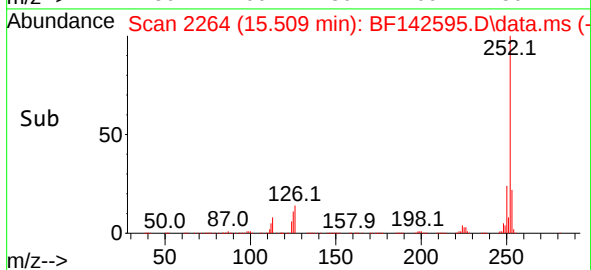
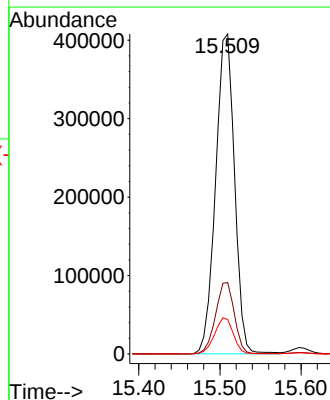
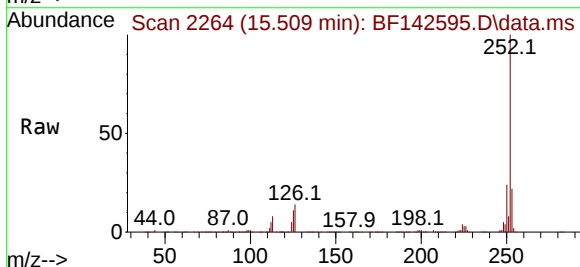
Tgt Ion:252 Resp: 661758

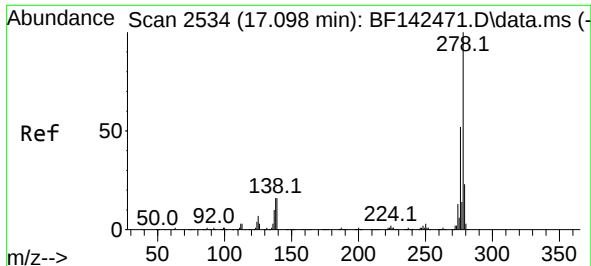
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.7 7.9 11.9

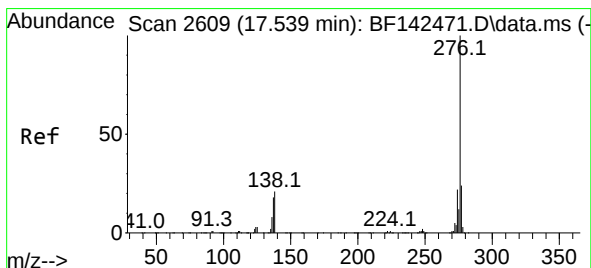
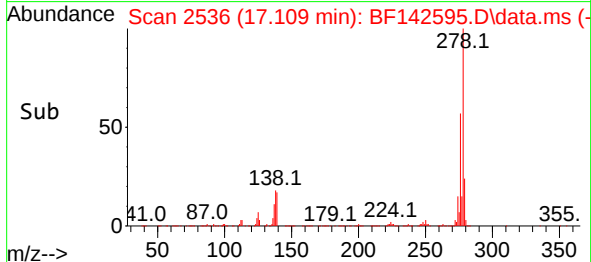
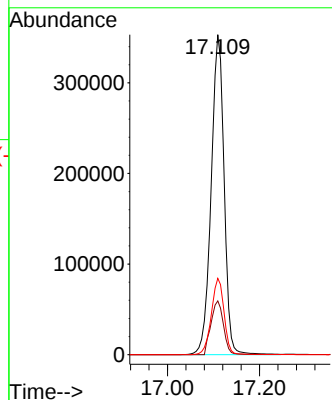
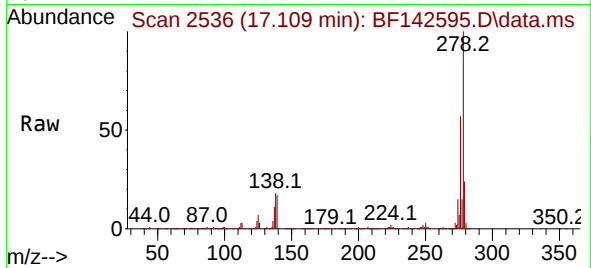




#91
Dibenzo(a,h)anthracene
Concen: 43.063 ng
RT: 17.109 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 691116
Ion Ratio Lower Upper
278 100
139 16.8 12.8 19.2
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 42.564 ng
RT: 17.551 min Scan# 2611
Delta R.T. -0.006 min
Lab File: BF142595.D
Acq: 02 Jun 2025 13:54

Tgt Ion:276 Resp: 683261
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 23.1 16.8 25.2

