

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 01 11:46:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	186578	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	719586	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381198	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	647816	20.000	ng	0.00
76) Chrysene-d12	14.074	240	384442	20.000	ng	0.00
86) Perylene-d12	15.562	264	349272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	932561	79.825	ng	0.00
7) Phenol-d6	6.522	99	1175099	83.296	ng	0.00
23) Nitrobenzene-d5	7.475	82	958053	87.469	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	298805	85.983	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2147916	79.446	ng	0.00
79) Terphenyl-d14	13.021	244	2186580	82.722	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	216157	41.429	ng	98
3) Pyridine	3.463	79	571670	42.158	ng	98
4) n-Nitrosodimethylamine	3.410	42	297662	42.418	ng	97
6) Aniline	6.569	93	830257	41.579	ng	100
8) 2-Chlorophenol	6.687	128	475745	39.409	ng	98
9) Benzaldehyde	6.457	77	418699	42.464	ng	100
10) Phenol	6.540	94	674897	44.437	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	494668	42.030	ng	99
12) 1,3-Dichlorobenzene	6.851	146	566821	41.505	ng	99
13) 1,4-Dichlorobenzene	6.928	146	569459	41.388	ng	100
14) 1,2-Dichlorobenzene	7.081	146	550181	41.885	ng	99
15) Benzyl Alcohol	7.045	79	411183	41.095	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	889834	41.870	ng	99
17) 2-Methylphenol	7.151	107	411493	41.610	ng	99
18) Hexachloroethane	7.422	117	188542	41.867	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	356048	40.842	ng	99
20) 3+4-Methylphenols	7.304	107	523765	42.351	ng	97
22) Acetophenone	7.316	105	690233	41.462	ng	98
24) Nitrobenzene	7.492	77	461069	42.902	ng	96
25) Isophorone	7.728	82	966817	42.059	ng	100
26) 2-Nitrophenol	7.804	139	140561	34.044	ng	99
27) 2,4-Dimethylphenol	7.834	122	485594	41.898	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	606286	41.820	ng	100
29) 2,4-Dichlorophenol	8.039	162	409683	42.280	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	453172	41.910	ng	99
31) Naphthalene	8.216	128	1482230	41.304	ng	100
32) Benzoic acid	7.928	122	148005	31.602	ng	99
33) 4-Chloroaniline	8.257	127	622889	41.683	ng	100
34) Hexachlorobutadiene	8.334	225	267370	42.382	ng	100
35) Caprolactam	8.622	113	129344	44.410	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	431195	43.337	ng	99
37) 2-Methylnaphthalene	8.904	142	913767	41.414	ng	99
38) 1-Methylnaphthalene	9.004	142	950787	41.597	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	435999	40.641	ng	100
41) Hexachlorocyclopentadiene	9.057	237	241144	39.605	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	269577	40.551	ng	100

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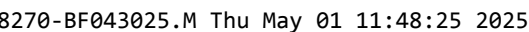
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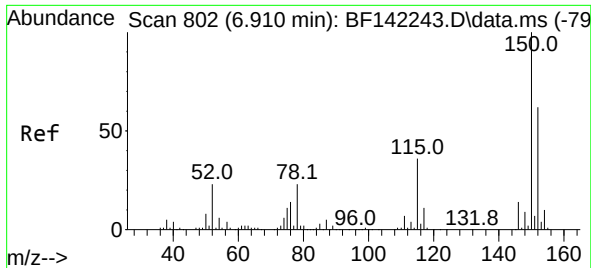
Quant Time: May 01 11:46:27 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	294308	42.108	ng	99
46) 1,1'-Biphenyl	9.369	154	1212716	40.922	ng	99
47) 2-Chloronaphthalene	9.392	162	896541	40.663	ng	99
48) 2-Nitroaniline	9.480	65	211351	37.508	ng	97
49) Acenaphthylene	9.810	152	1521943	40.906	ng	100
50) Dimethylphthalate	9.669	163	1026519	42.093	ng	100
51) 2,6-Dinitrotoluene	9.728	165	176156	38.527	ng	98
52) Acenaphthene	9.980	154	903201	41.576	ng	100
53) 3-Nitroaniline	9.892	138	225294	40.152	ng	100
54) 2,4-Dinitrophenol	9.992	184	42525	37.926	ng	# 1
55) Dibenzofuran	10.151	168	1350916	41.484	ng	99
56) 4-Nitrophenol	10.039	139	159868	41.706	ng	98
57) 2,4-Dinitrotoluene	10.128	165	220248	39.850	ng	99
58) Fluorene	10.498	166	1007989	40.709	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	245919	42.475	ng	99
60) Diethylphthalate	10.369	149	1030685	42.799	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	486030	41.333	ng	99
62) 4-Nitroaniline	10.504	138	215440	42.018	ng	98
63) Azobenzene	10.645	77	996298	41.895	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	69294	35.905	ng	99
66) n-Nitrosodiphenylamine	10.604	169	914630	41.322	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	304870	42.258	ng	99
68) Hexachlorobenzene	11.039	284	332960	41.207	ng	94
69) Atrazine	11.127	200	264074	45.262	ng	100
70) Pentachlorophenol	11.233	266	177109	41.491	ng	99
71) Phenanthrene	11.457	178	1446110	41.326	ng	100
72) Anthracene	11.510	178	1479001	41.339	ng	100
73) Carbazole	11.663	167	1352106	41.429	ng	100
74) Di-n-butylphthalate	11.998	149	1472584	44.864	ng	100
75) Fluoranthene	12.645	202	1485579	42.947	ng	100
77) Benzidine	12.769	184	754042	46.160	ng	99
78) Pyrene	12.874	202	1490017	42.016	ng	100
80) Butylbenzylphthalate	13.498	149	385725	40.417	ng	98
81) Benzo(a)anthracene	14.063	228	1059415	41.049	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	323049	42.615	ng	100
83) Chrysene	14.104	228	997135	42.445	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	477774	36.467	ng	100
85) Di-n-octyl phthalate	14.674	149	782817	33.845	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1071010	41.864	ng	100
88) Benzo(b)fluoranthene	15.127	252	867766	39.998	ng	99
89) Benzo(k)fluoranthene	15.157	252	866064	43.643	ng	99
90) Benzo(a)pyrene	15.504	252	833612	41.969	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	878980	42.333	ng	99
92) Benzo(g,h,i)perylene	17.533	276	873517	41.848	ng	100

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

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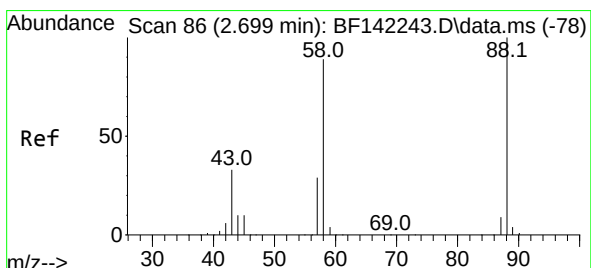
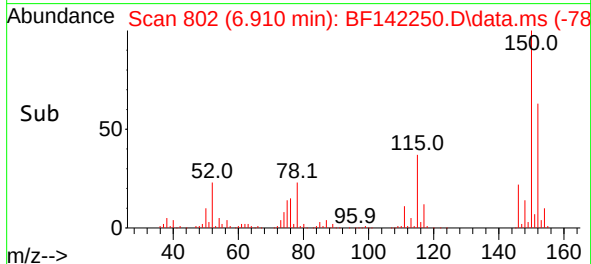
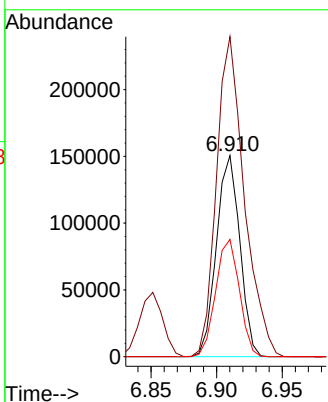
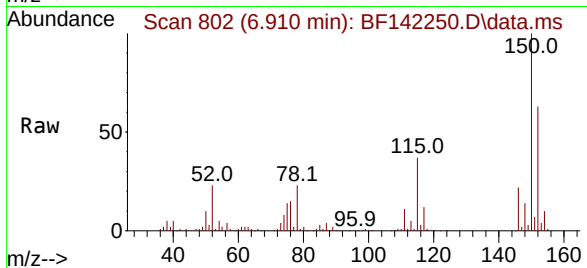




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142250.D
 Acq: 01 May 2025 10:17

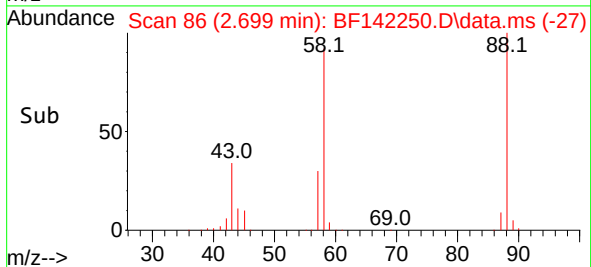
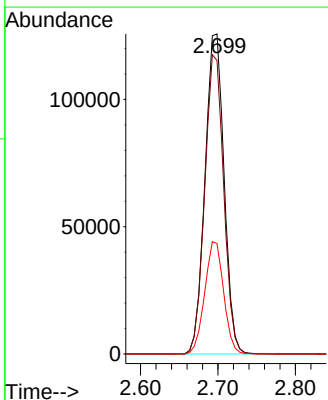
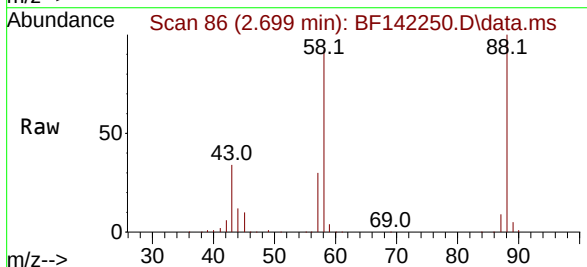
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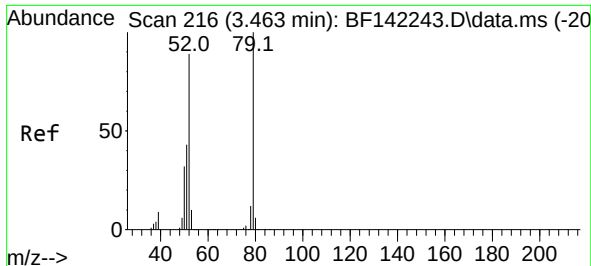
Tgt Ion:152 Resp: 186578
 Ion Ratio Lower Upper
 152 100
 150 159.1 130.2 195.2
 115 58.3 47.0 70.4



#2
 1,4-Dioxane
 Concen: 41.429 ng
 RT: 2.699 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: BF142250.D
 Acq: 01 May 2025 10:17

Tgt Ion: 88 Resp: 216157
 Ion Ratio Lower Upper
 88 100
 58 92.7 72.2 108.2
 43 34.7 27.0 40.6





#3

Pyridine

Concen: 42.158 ng

RT: 3.463 min Scan# 216

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

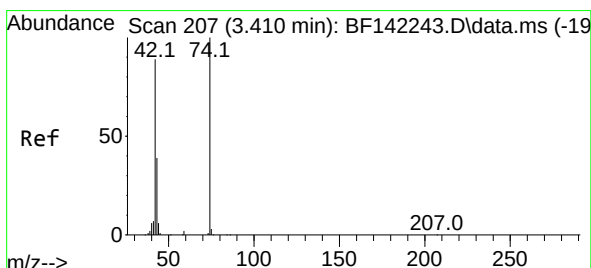
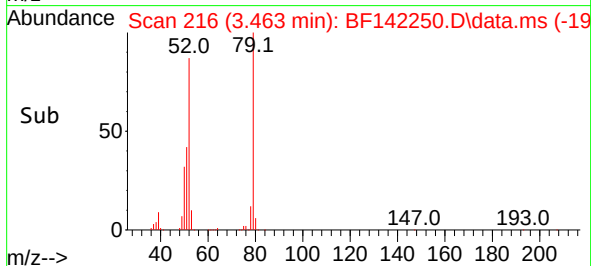
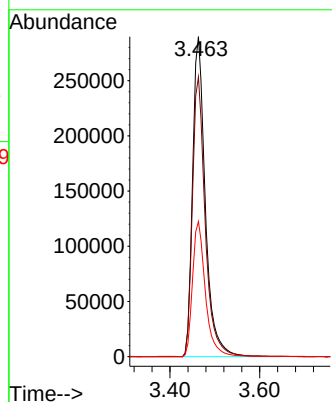
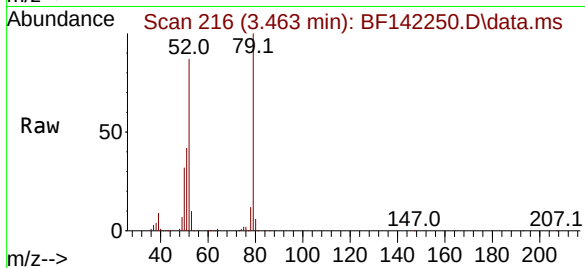
Tgt Ion: 79 Resp: 571670

Ion Ratio Lower Upper

79 100

52 87.4 71.5 107.3

51 42.2 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 42.418 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

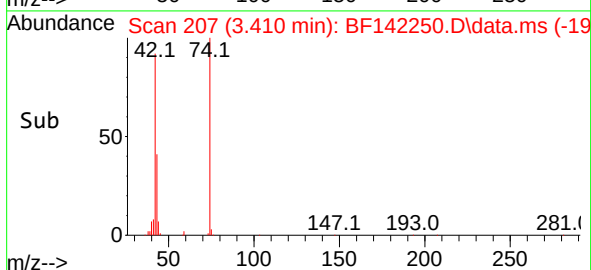
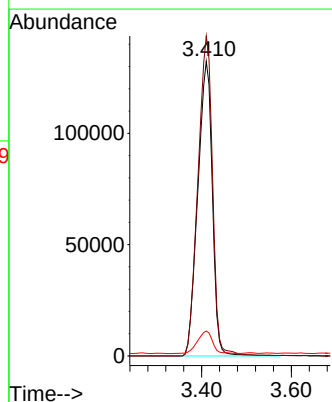
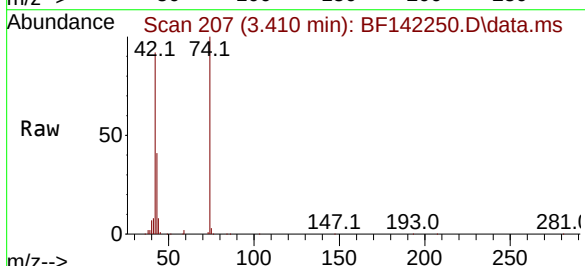
Tgt Ion: 42 Resp: 297662

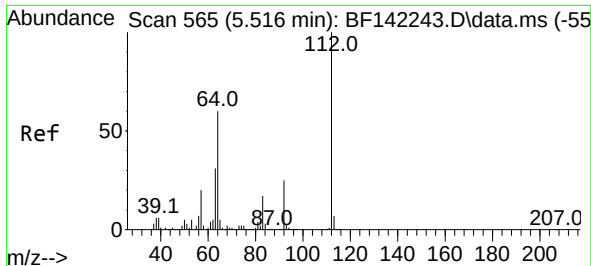
Ion Ratio Lower Upper

42 100

74 108.6 89.5 134.3

44 8.5 6.6 9.8

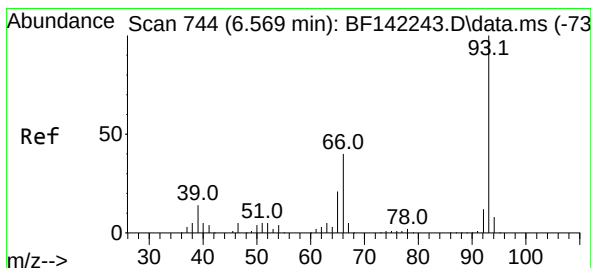
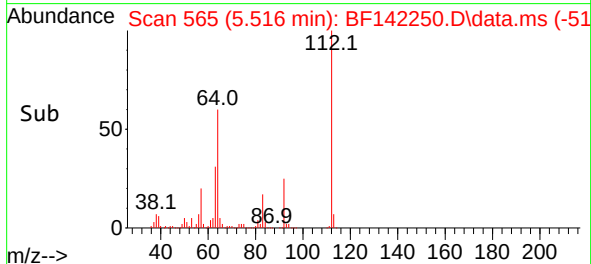
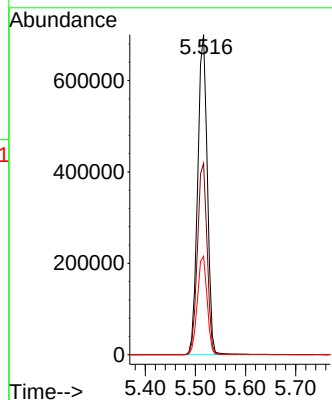
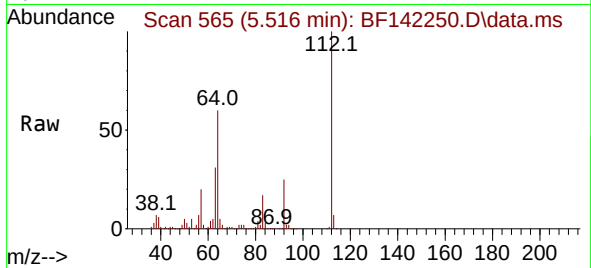




#5
2-Fluorophenol
Concen: 79.825 ng
RT: 5.516 min Scan# 501
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

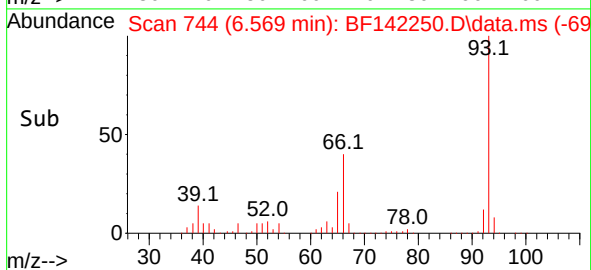
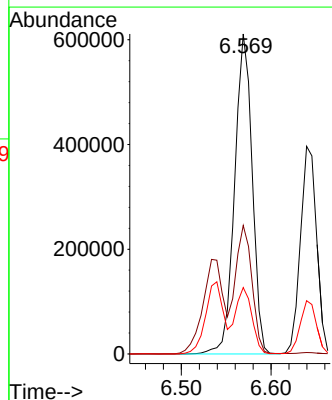
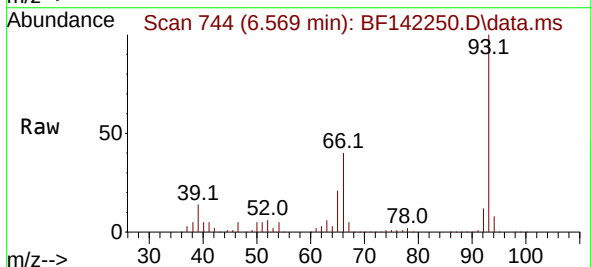
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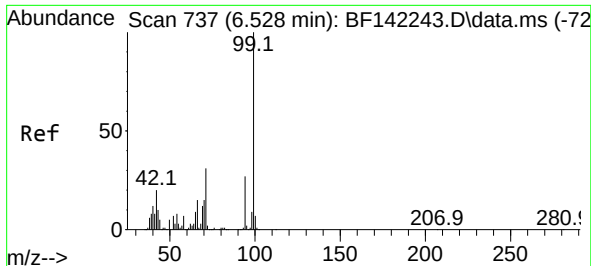
Tgt Ion:112 Resp: 932561
Ion Ratio Lower Upper
112 100
64 59.8 48.4 72.6
63 30.8 24.8 37.2



#6
Aniline
Concen: 41.579 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 93 Resp: 830257
Ion Ratio Lower Upper
93 100
66 40.1 32.1 48.1
65 20.7 16.6 24.8

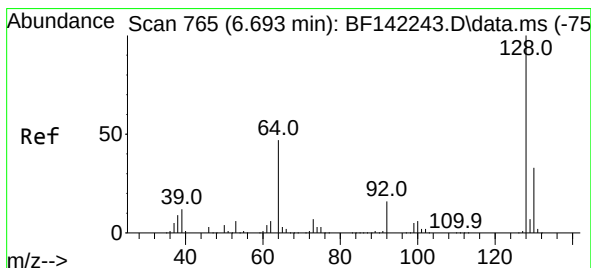
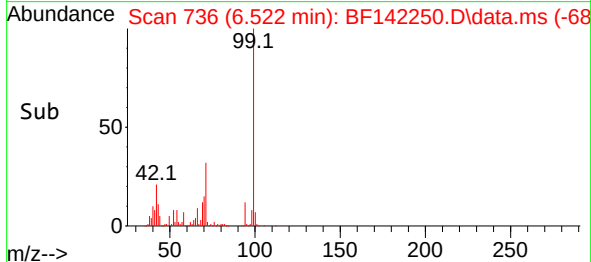
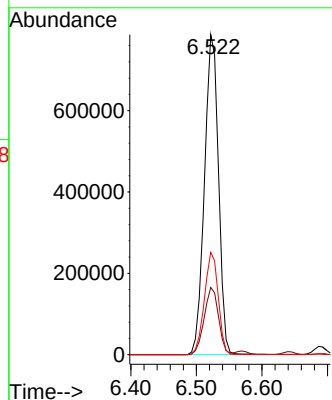
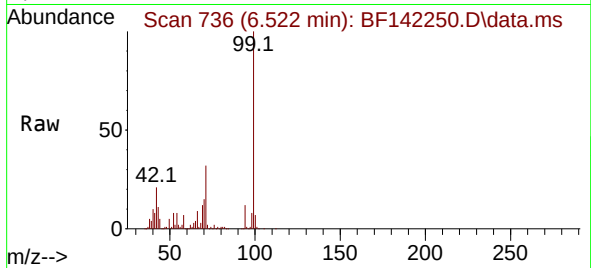




#7
Phenol-d6
Concen: 83.296 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

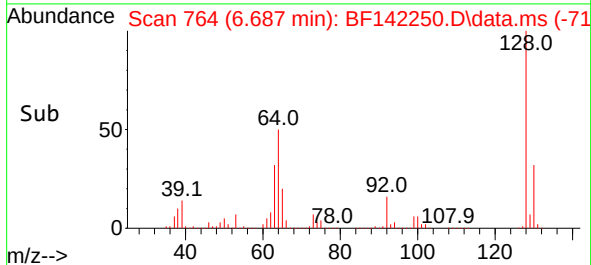
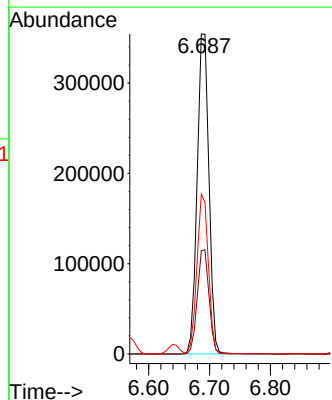
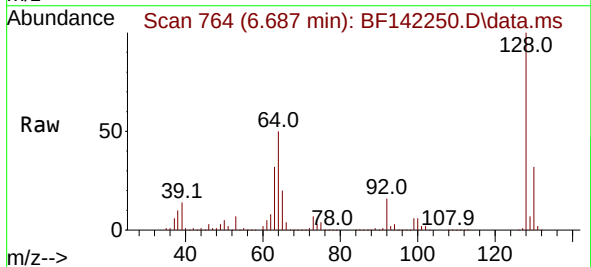
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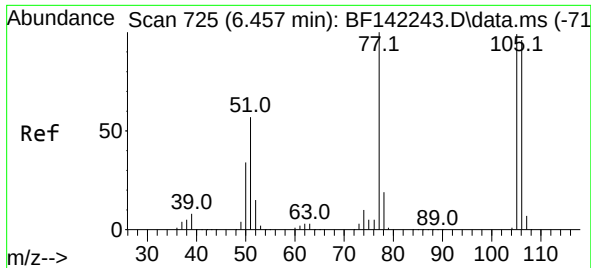
Tgt Ion: 99 Resp: 1175099
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 31.9 25.0 37.4



#8
2-Chlorophenol
Concen: 39.409 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:128 Resp: 475745
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 49.9 28.6 68.6





#9

Benzaldehyde

Concen: 42.464 ng

RT: 6.457 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

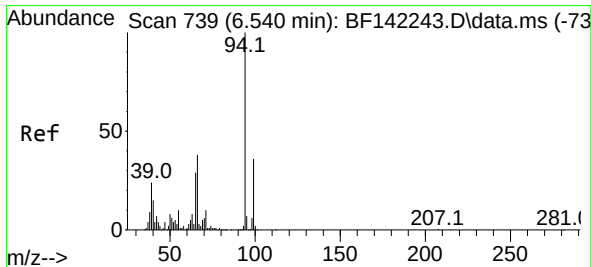
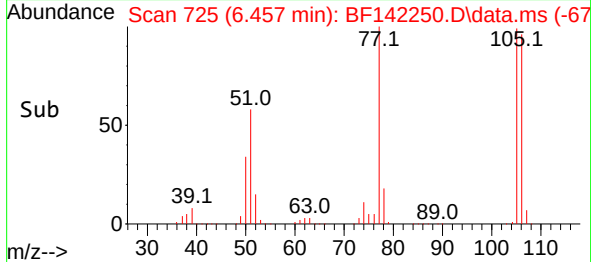
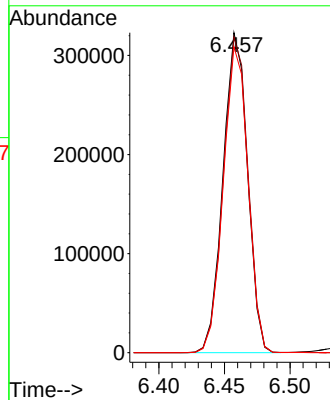
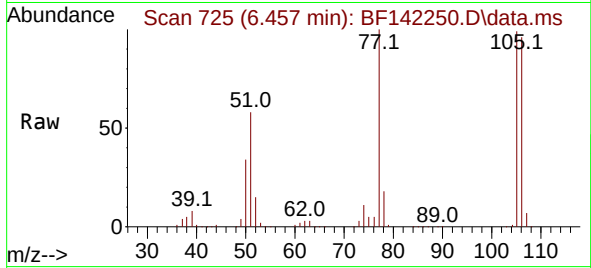
Tgt Ion: 77 Resp: 418699

Ion Ratio Lower Upper

77 100

105 98.6 79.1 119.1

106 95.6 76.0 116.0



#10

Phenol

Concen: 44.437 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

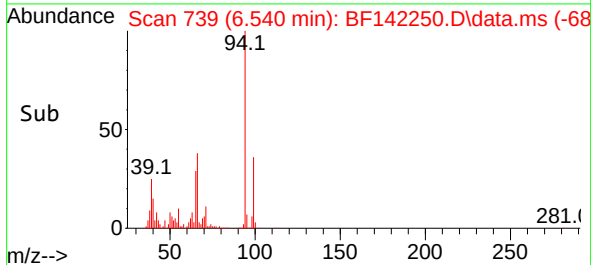
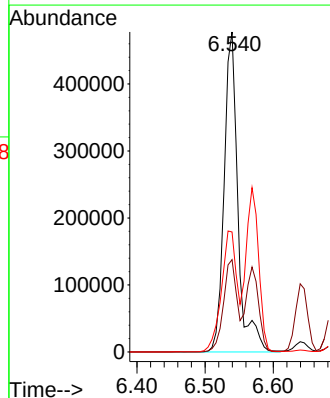
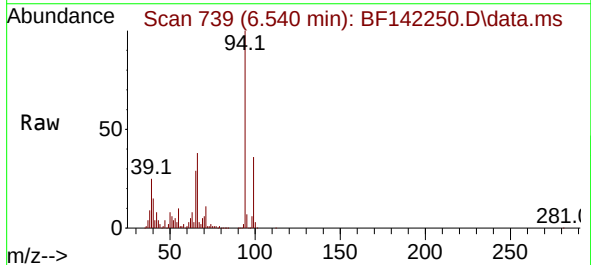
Tgt Ion: 94 Resp: 674897

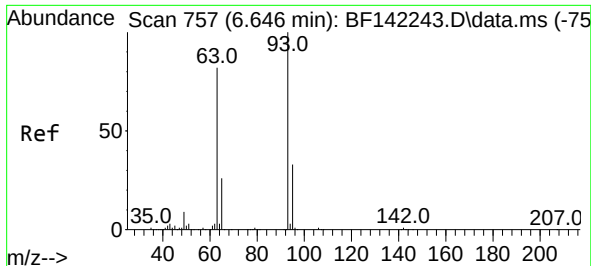
Ion Ratio Lower Upper

94 100

65 28.8 8.9 48.9

66 37.5 18.7 58.7

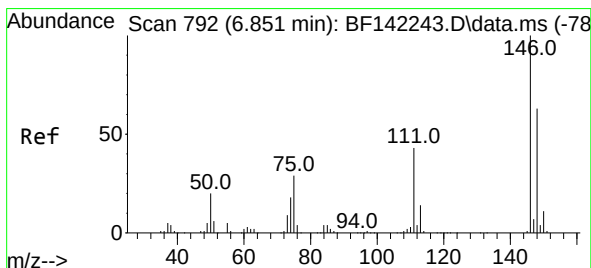
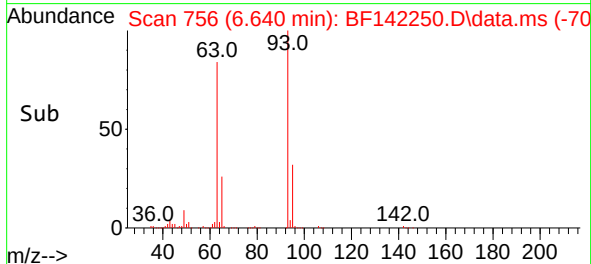
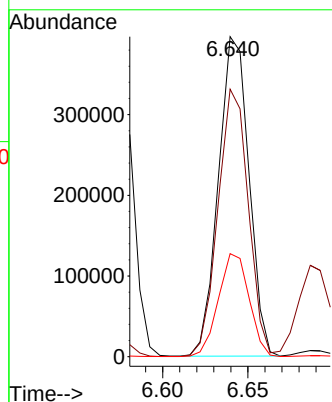
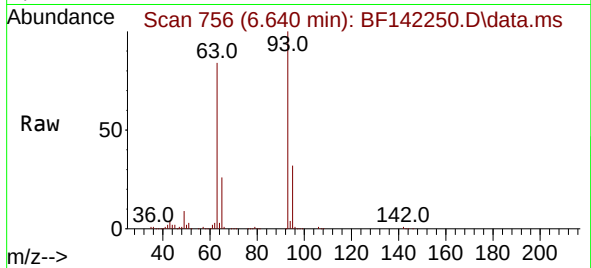




#11
bis(2-Chloroethyl)ether
Concen: 42.030 ng
RT: 6.640 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

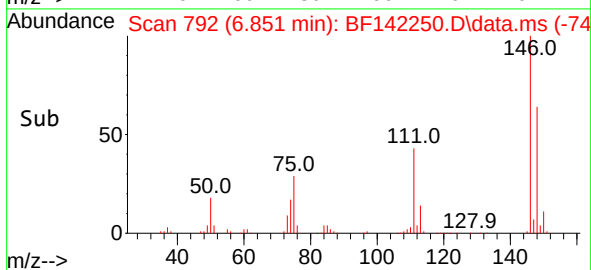
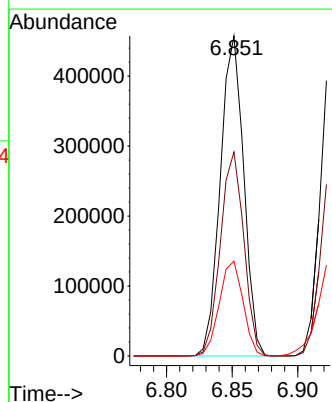
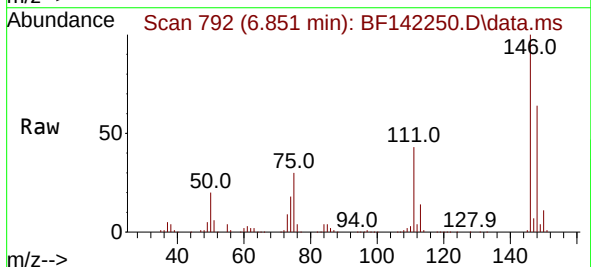
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

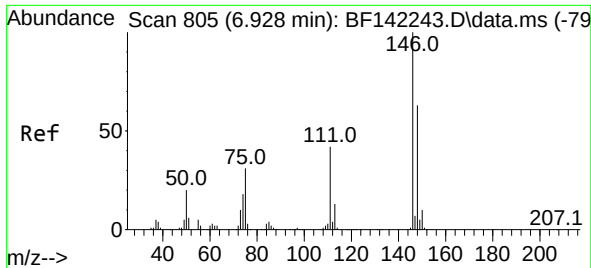
Tgt Ion:	93	Resp:	494668
Ion	Ratio	Lower	Upper
93	100		
63	83.6	62.2	102.2
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.505 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:	146	Resp:	566821
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
75	29.6	23.2	34.8

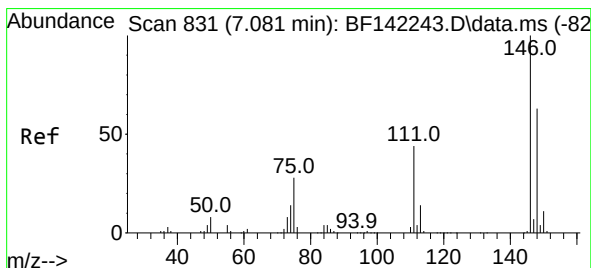
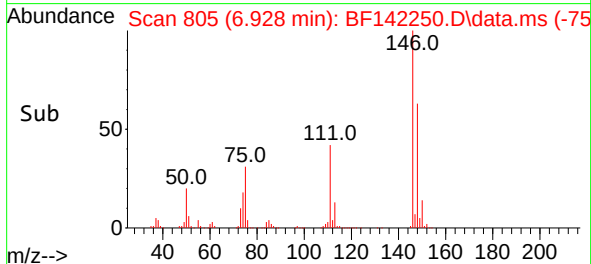
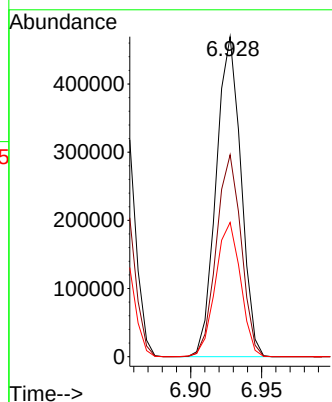
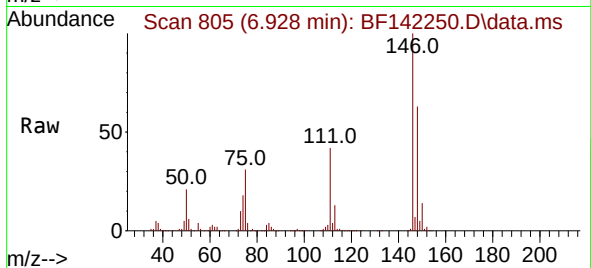




#13
1,4-Dichlorobenzene
Concen: 41.388 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

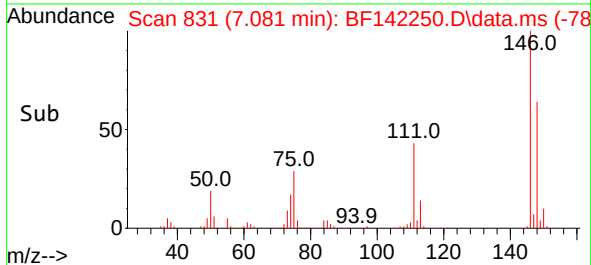
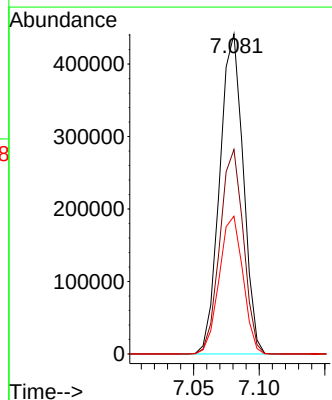
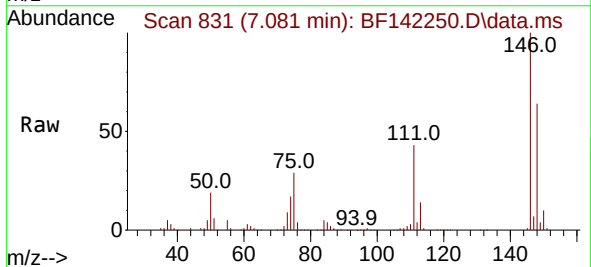
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

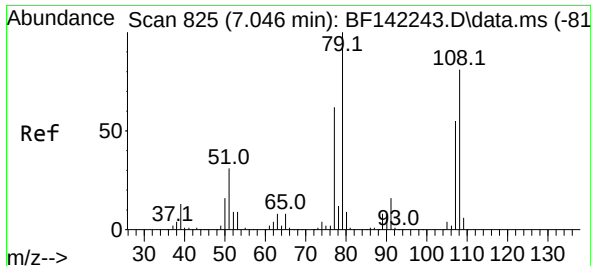
Tgt Ion:146 Resp: 569459
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
111 42.0 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 41.885 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:146 Resp: 550181
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 43.0 34.9 52.3

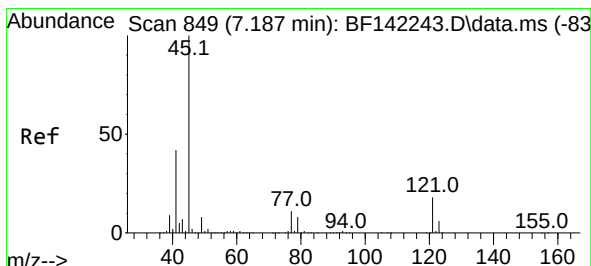
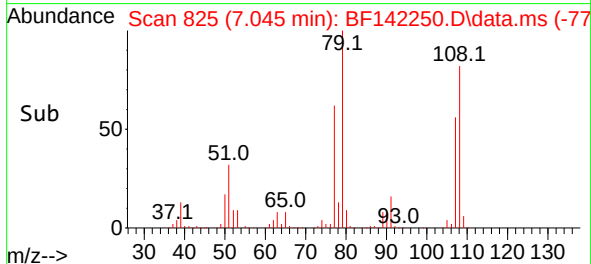
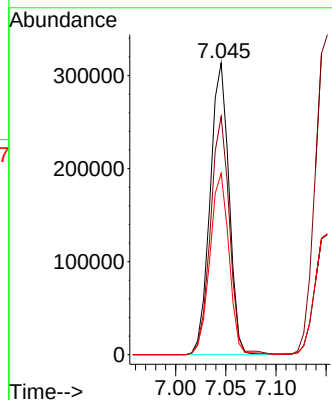
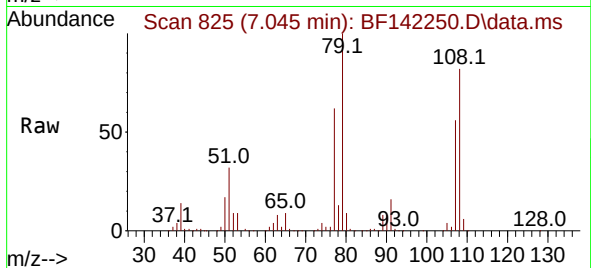




#15
Benzyl Alcohol
Concen: 41.095 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

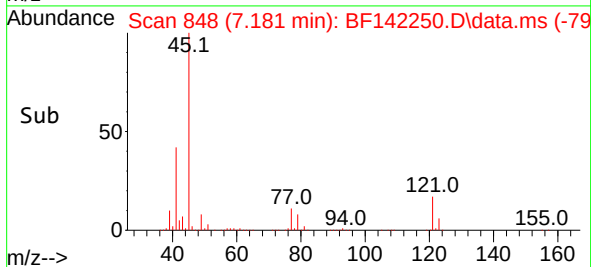
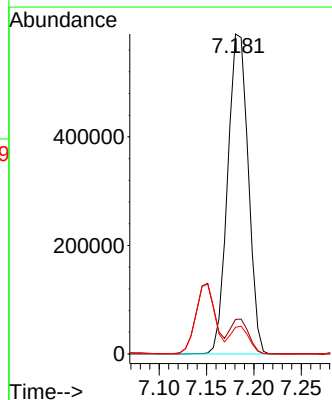
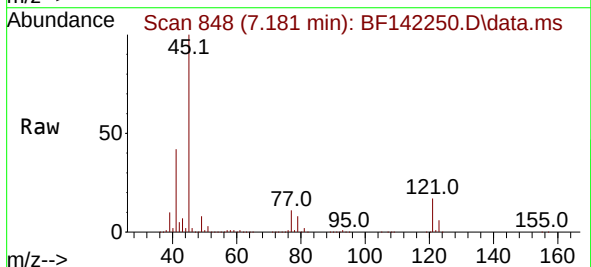
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

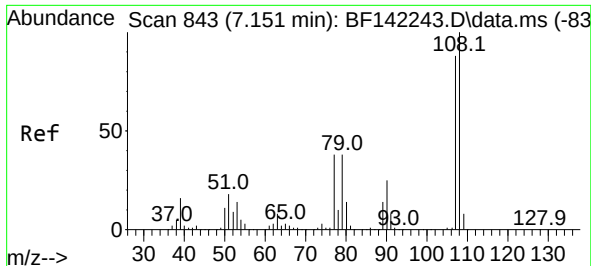
Tgt Ion: 79 Resp: 411183
Ion Ratio Lower Upper
79 100
108 81.7 64.5 96.7
77 62.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.870 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 45 Resp: 889834
Ion Ratio Lower Upper
45 100
77 10.8 0.0 31.3
79 8.4 0.0 28.5



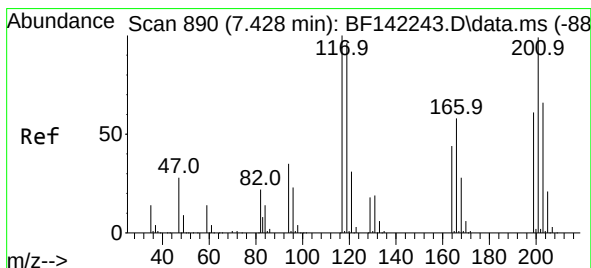
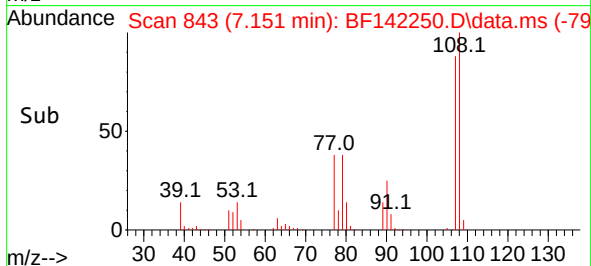
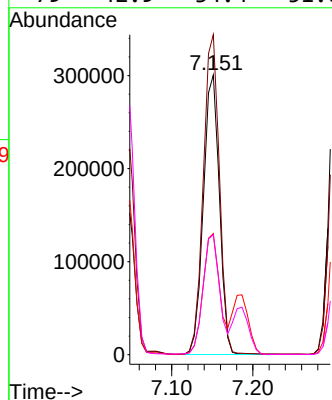
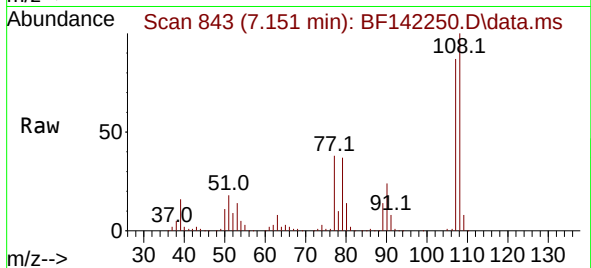


#17
2-Methylphenol
Concen: 41.610 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 411493

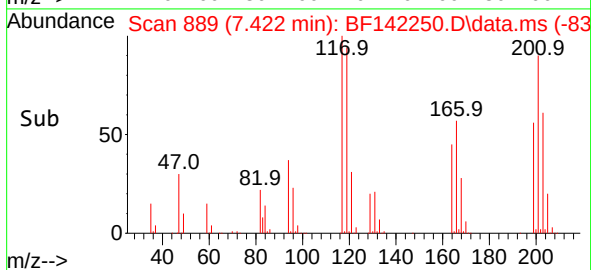
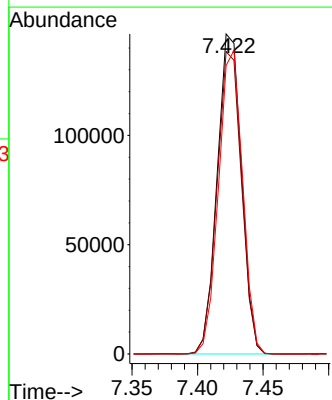
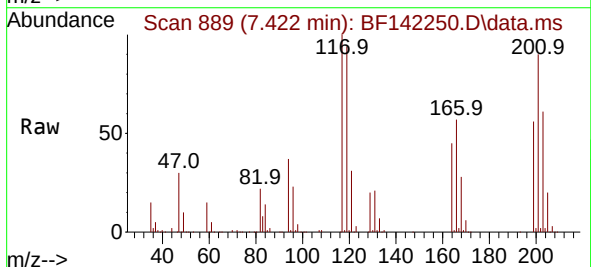
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	43.3	34.4	51.6
79	42.9	34.4	51.6

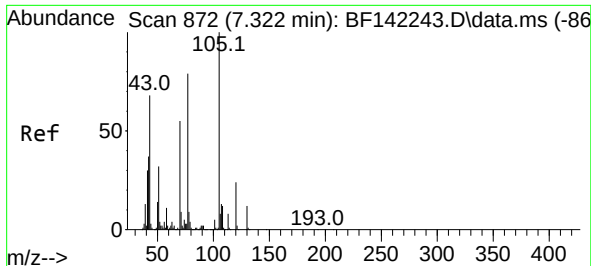


#18
Hexachloroethane
Concen: 41.867 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:117 Resp: 188542

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.1	115.7
201	90.2	79.4	119.2

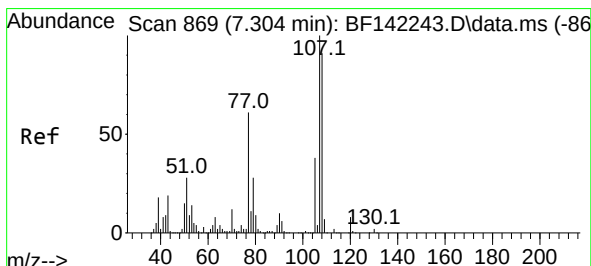
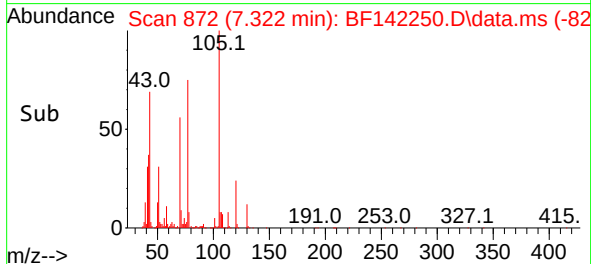
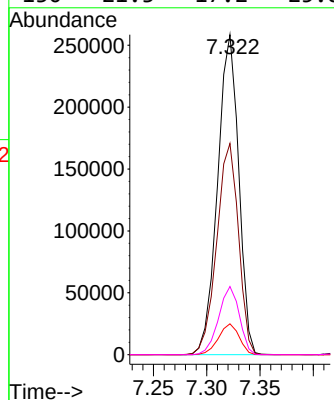
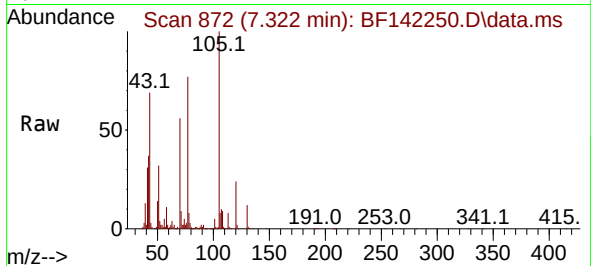




#19
n-Nitroso-di-n-propylamine
Concen: 40.842 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

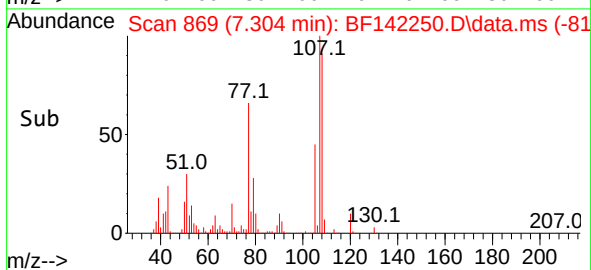
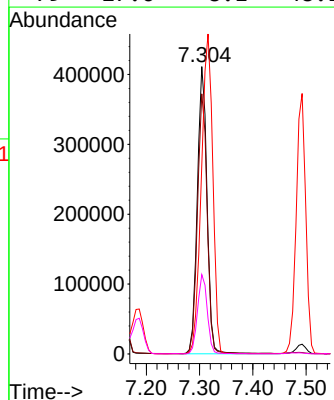
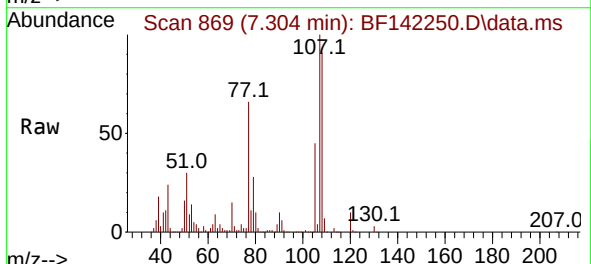
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

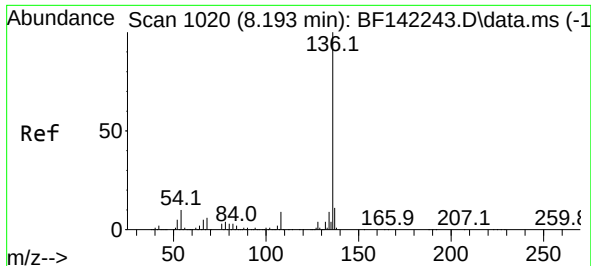
Tgt Ion: 70 Resp: 356048
Ion Ratio Lower Upper
70 100
42 66.0 53.4 80.2
101 9.7 7.7 11.5
130 21.3 17.2 25.8



#20
3+4-Methylphenols
Concen: 42.351 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 107 Resp: 523765
Ion Ratio Lower Upper
107 100
108 90.6 71.2 111.2
77 65.8 41.1 81.1
79 27.6 8.1 48.1

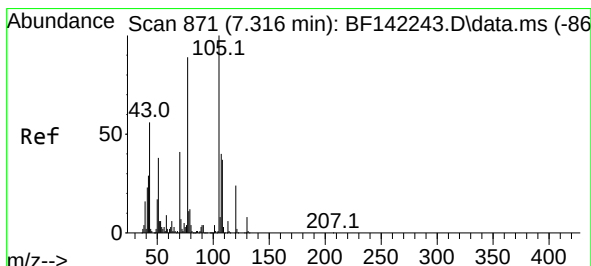
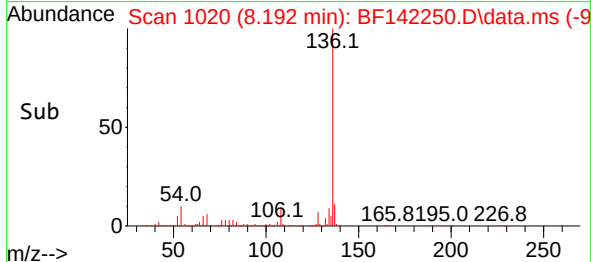
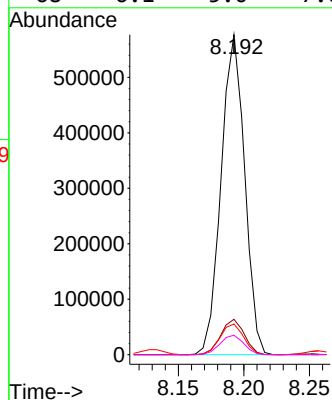
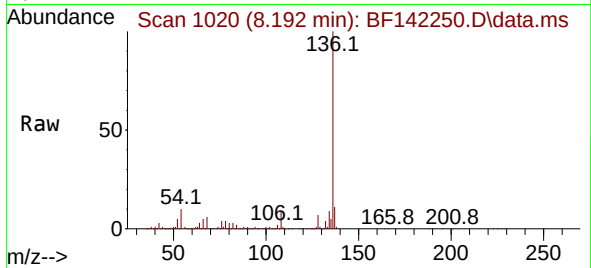




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

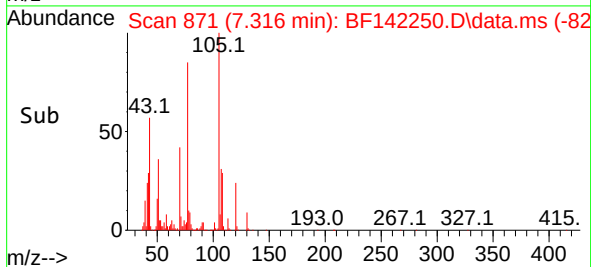
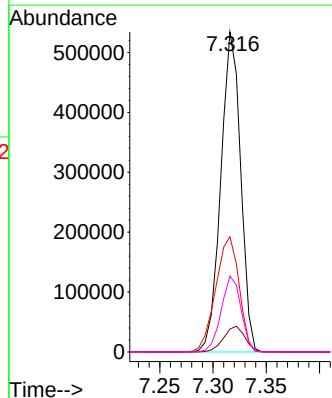
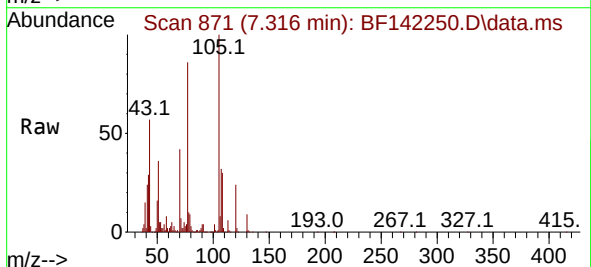
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

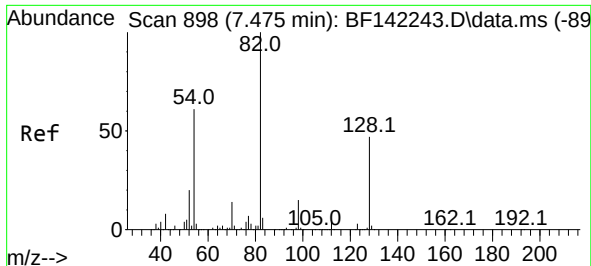
Tgt Ion:136 Resp: 719586
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.6 7.7 11.5
68 6.1 5.0 7.6



#22
Acetophenone
Concen: 41.462 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:105 Resp: 690233
Ion Ratio Lower Upper
105 100
71 7.2 5.7 8.5
51 36.0 30.1 45.1
120 23.7 19.0 28.4

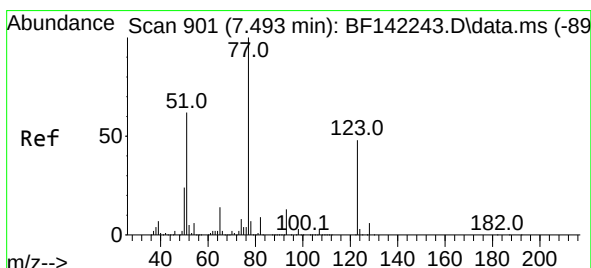
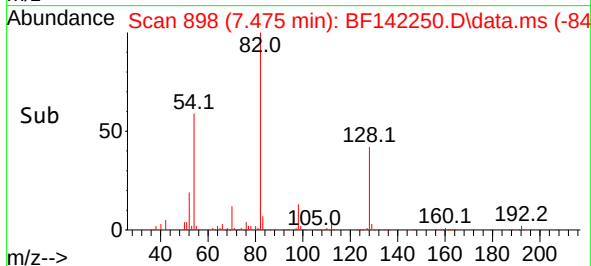
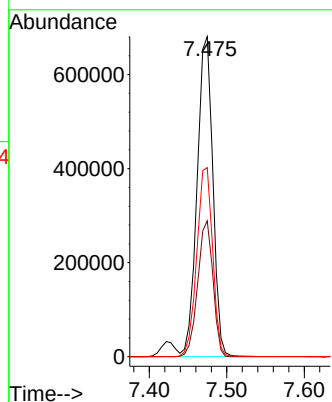
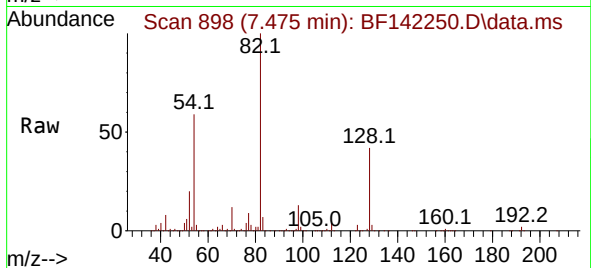




#23
Nitrobenzene-d5
Concen: 87.469 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

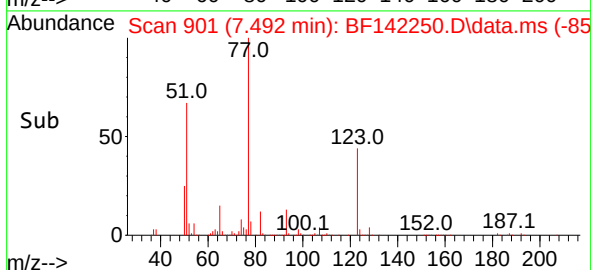
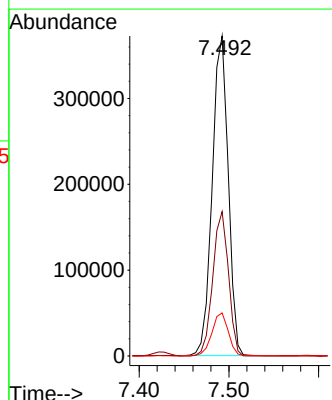
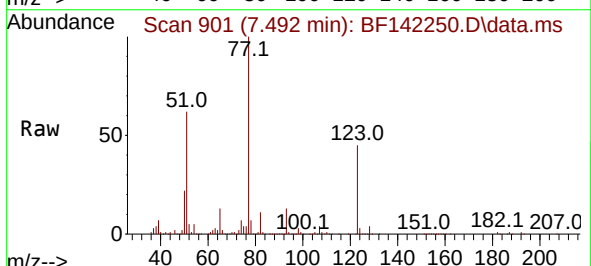
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

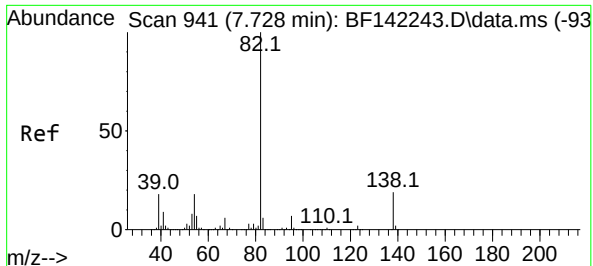
Tgt Ion: 82 Resp: 958053
Ion Ratio Lower Upper
82 100
128 42.5 37.0 55.6
54 59.1 48.0 72.0



#24
Nitrobenzene
Concen: 42.902 ng
RT: 7.492 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 77 Resp: 461069
Ion Ratio Lower Upper
77 100
123 45.1 38.6 58.0
65 13.5 11.5 17.3

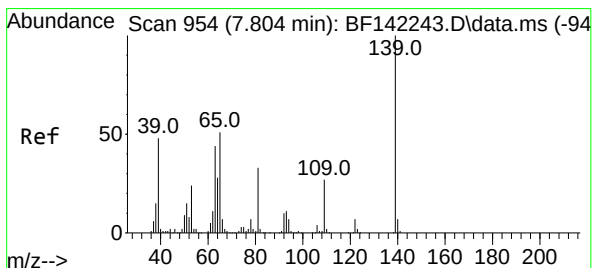
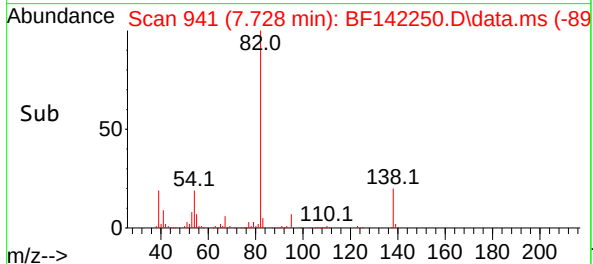
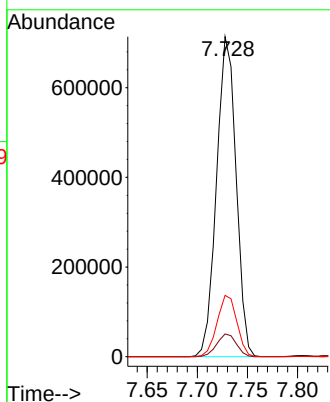
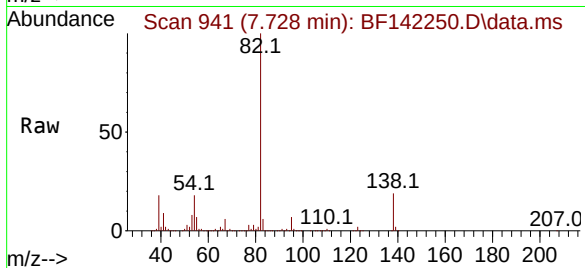




#25
Isophorone
Concen: 42.059 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

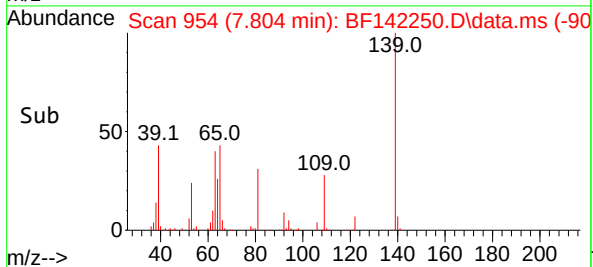
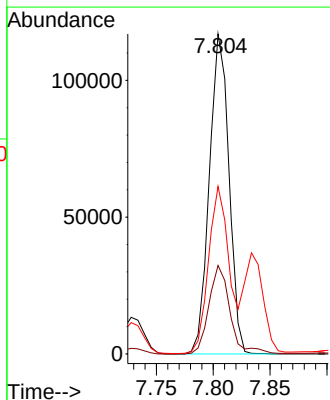
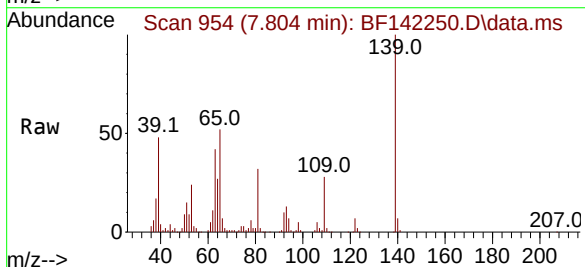
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

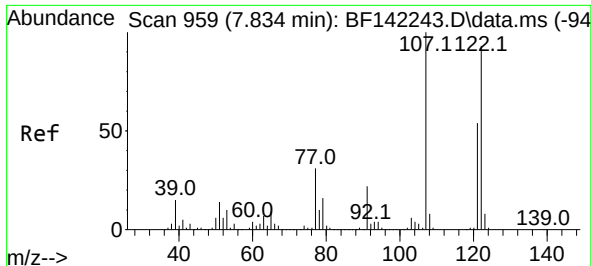
Tgt Ion: 82 Resp: 966817
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.2 15.3 22.9



#26
2-Nitrophenol
Concen: 34.044 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:139 Resp: 140561
Ion Ratio Lower Upper
139 100
109 27.7 21.8 32.8
65 52.3 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 41.898 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

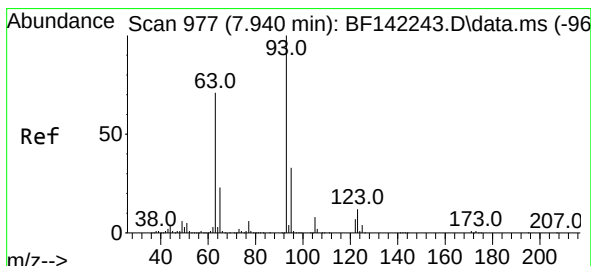
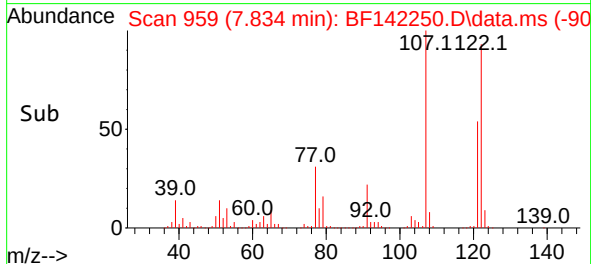
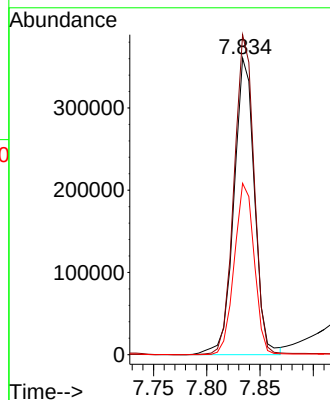
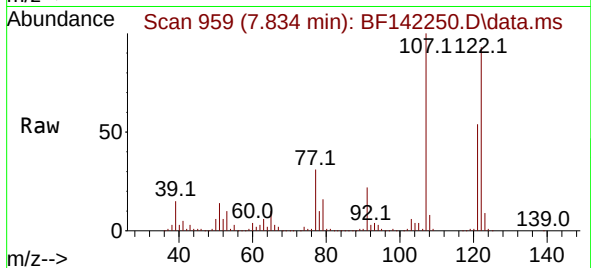
Tgt Ion:122 Resp: 485594

Ion Ratio Lower Upper

122 100

107 107.9 86.0 129.0

121 57.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.820 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

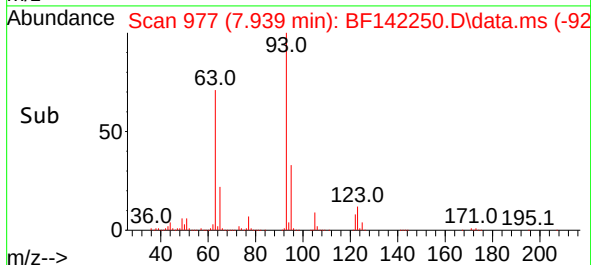
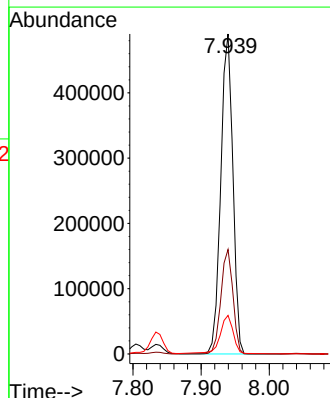
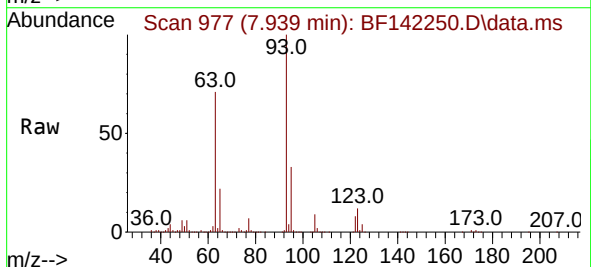
Tgt Ion: 93 Resp: 606286

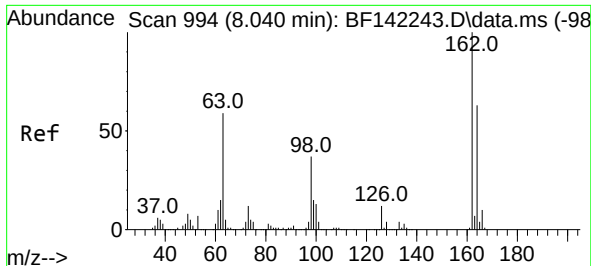
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 42.280 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

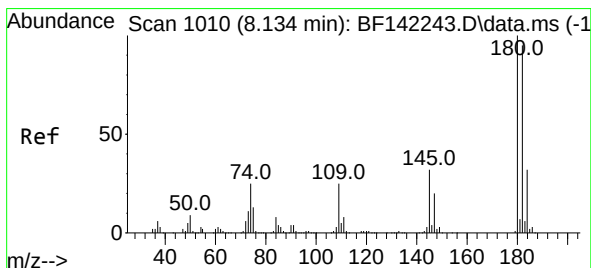
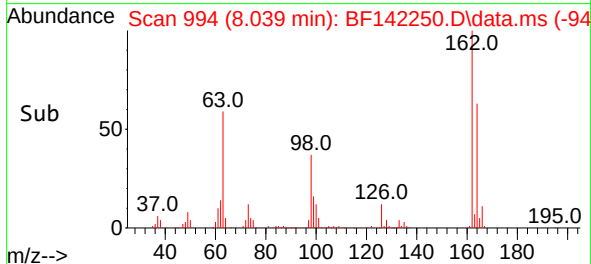
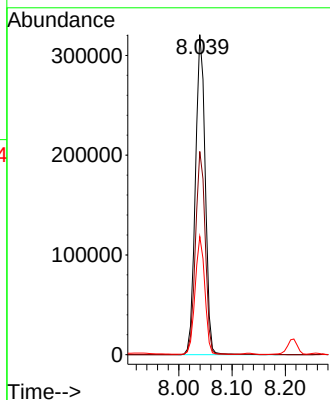
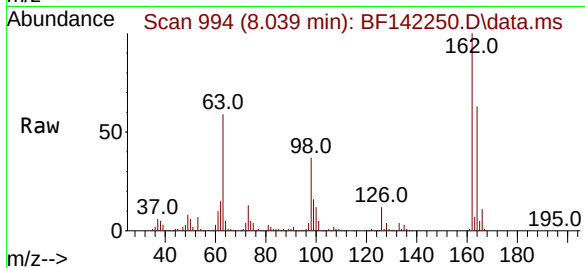
Tgt Ion:162 Resp: 409683

Ion Ratio Lower Upper

162 100

164 63.5 43.0 83.0

98 36.9 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 41.910 ng

RT: 8.134 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

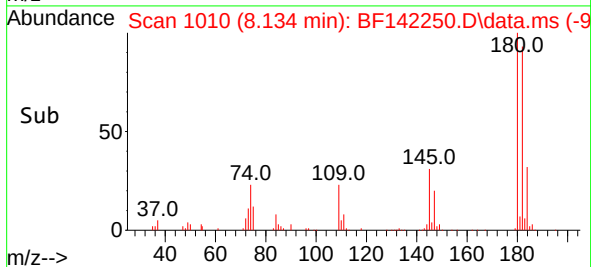
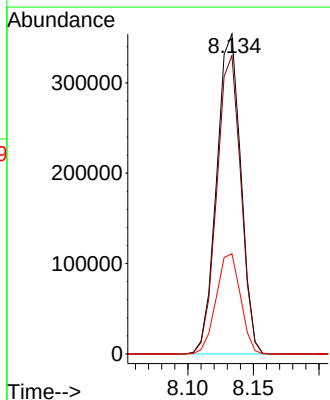
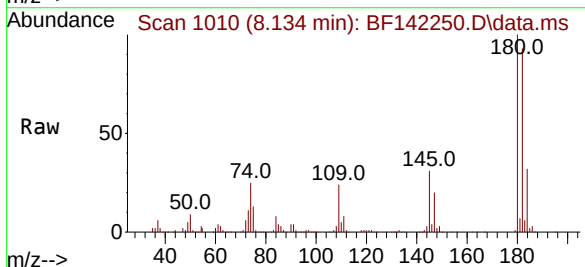
Tgt Ion:180 Resp: 453172

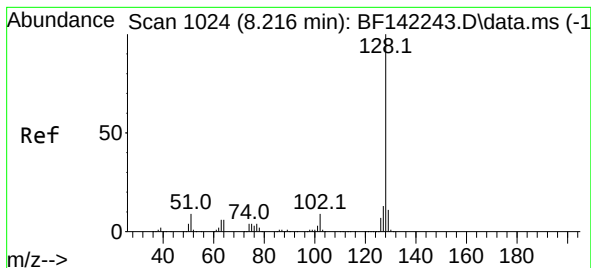
Ion Ratio Lower Upper

180 100

182 93.3 75.7 113.5

145 31.3 25.4 38.0





#31

Naphthalene

Concen: 41.304 ng

RT: 8.216 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

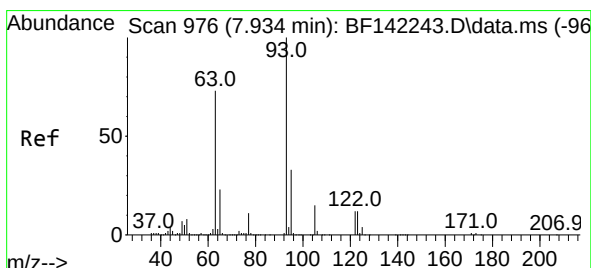
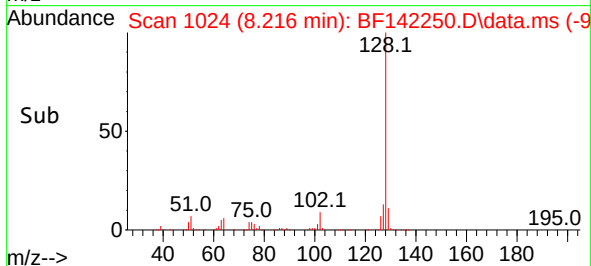
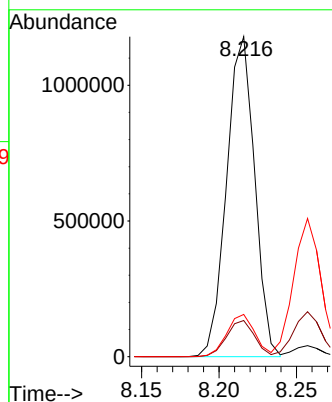
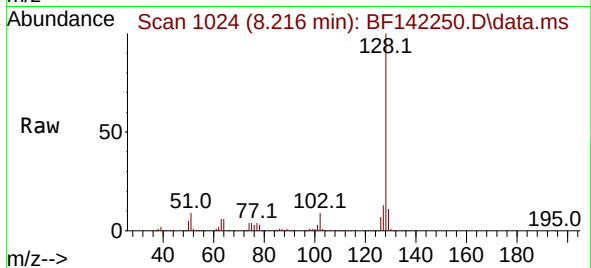
Tgt Ion:128 Resp: 1482230

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.2 10.6 15.8



#32

Benzoic acid

Concen: 31.602 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.006 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

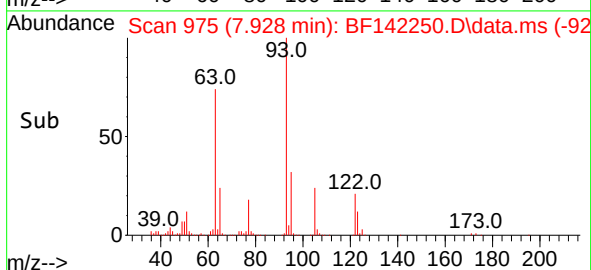
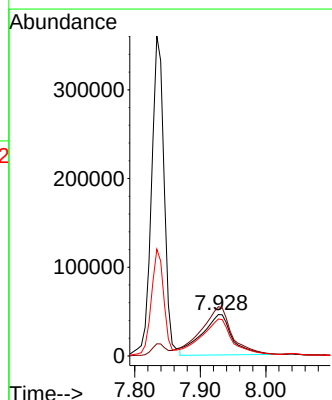
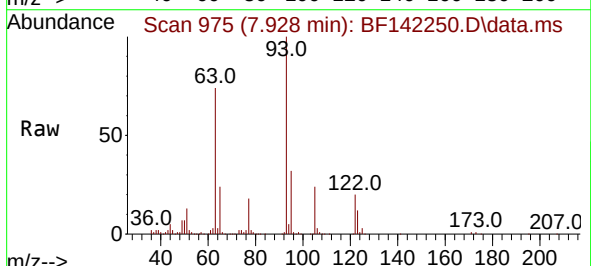
Tgt Ion:122 Resp: 148005

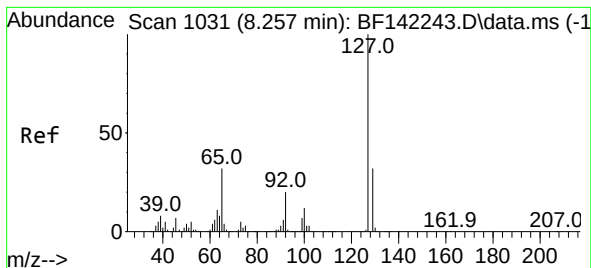
Ion Ratio Lower Upper

122 100

105 118.8 98.2 138.2

77 89.1 66.8 106.8

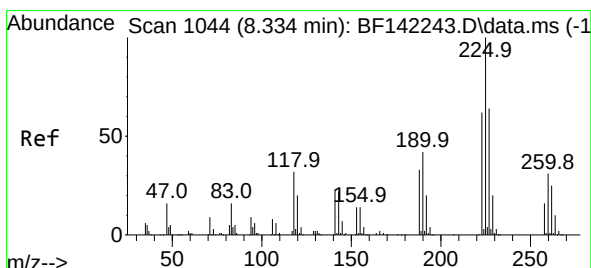
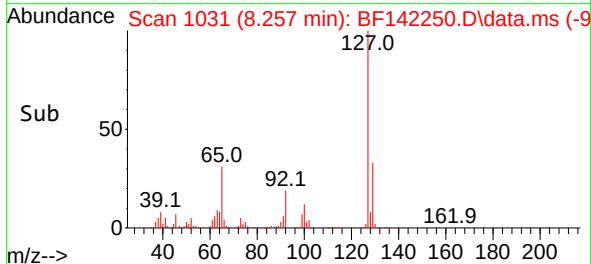
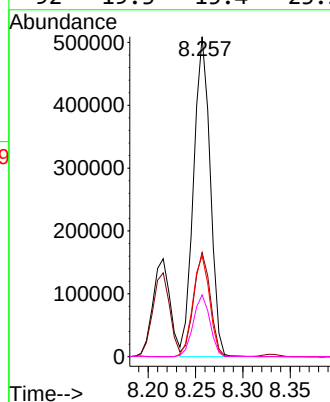
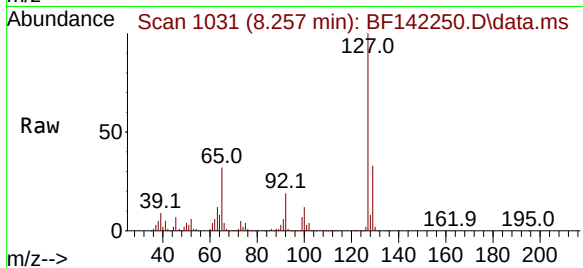




#33
4-Chloroaniline
Concen: 41.683 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

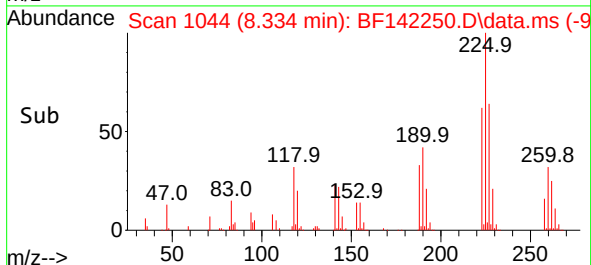
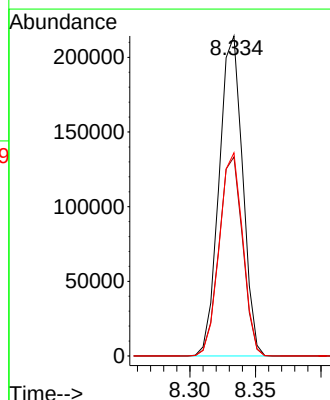
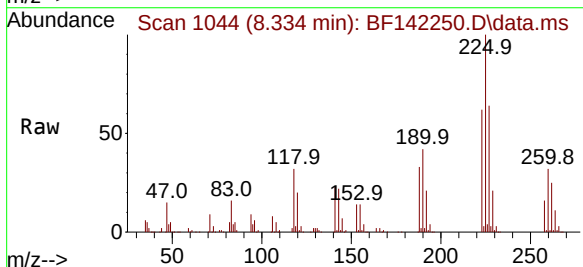
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

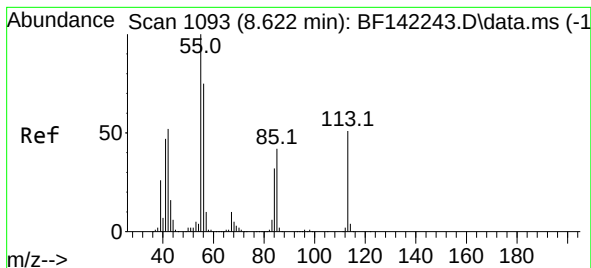
Tgt Ion:	127	Resp:	622889
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	31.6	25.5	38.3
92	19.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.382 ng
RT: 8.334 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:	225	Resp:	267370
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	63.5	51.0	76.4





#35

Caprolactam

Concen: 44.410 ng

RT: 8.622 min Scan# 1093

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

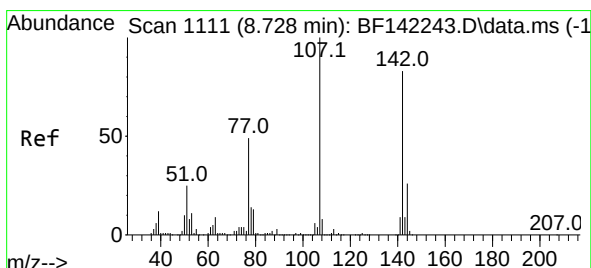
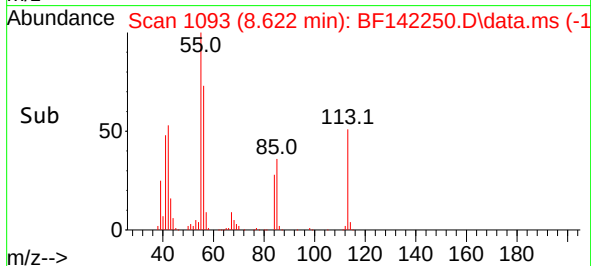
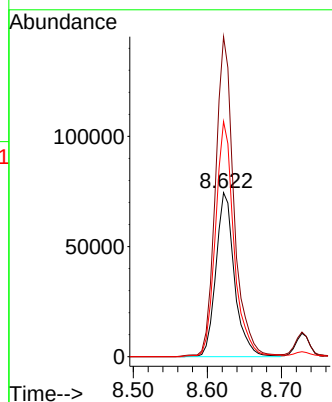
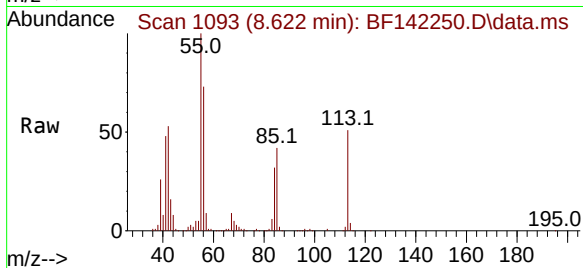
Tgt Ion:113 Resp: 129344

Ion Ratio Lower Upper

113 100

55 195.1 177.7 217.7

56 143.4 127.1 167.1



#36

4-Chloro-3-methylphenol

Concen: 43.337 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

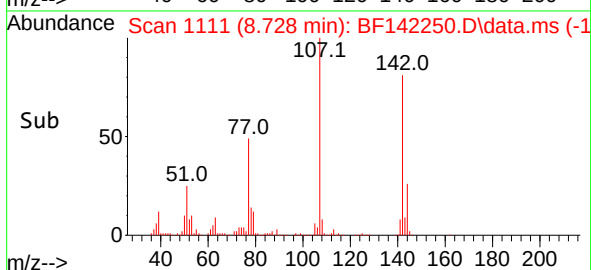
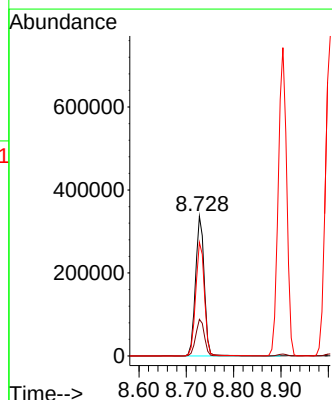
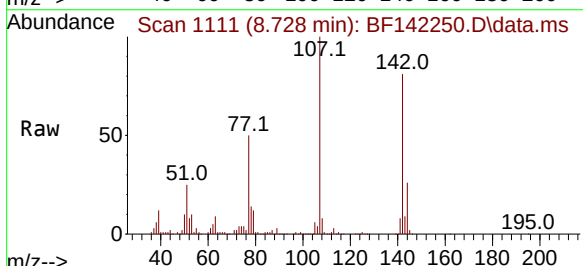
Tgt Ion:107 Resp: 431195

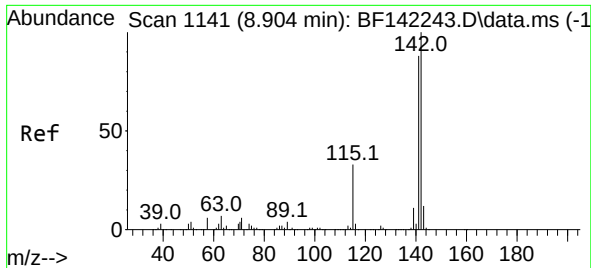
Ion Ratio Lower Upper

107 100

144 26.2 21.0 31.4

142 81.4 66.1 99.1

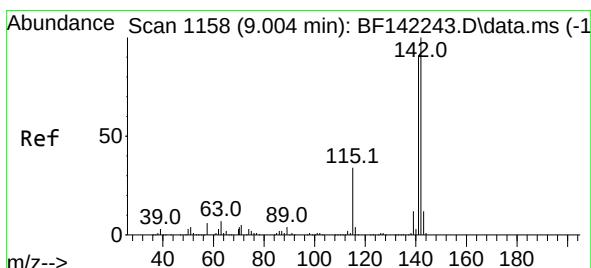
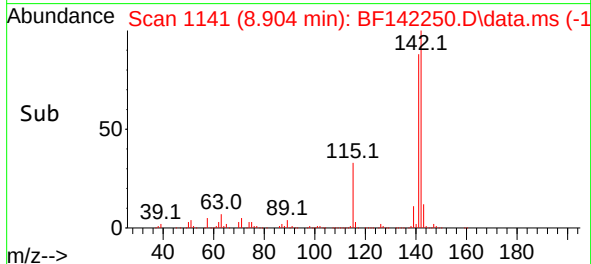
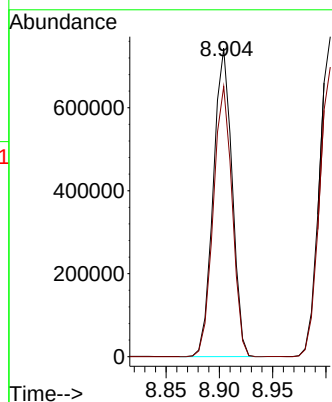
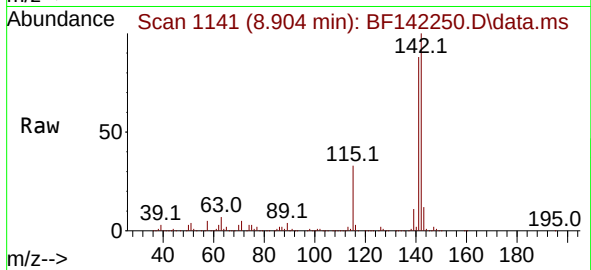




#37
2-Methylnaphthalene
Concen: 41.414 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

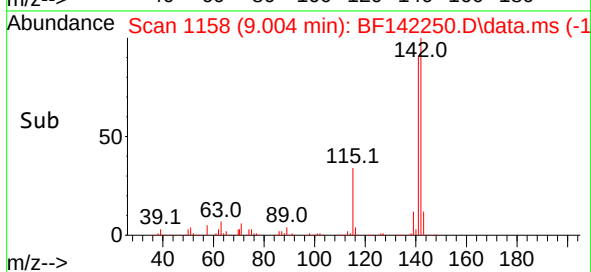
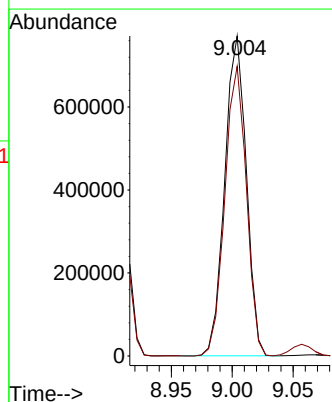
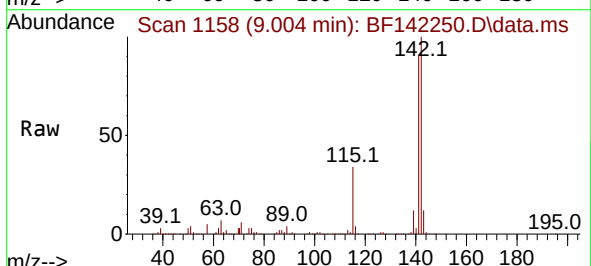
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

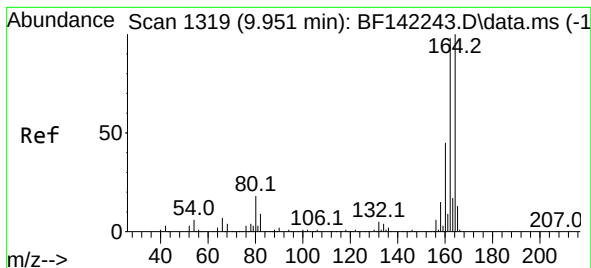
Tgt Ion:142 Resp: 913767
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7



#38
1-Methylnaphthalene
Concen: 41.597 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:142 Resp: 950787
Ion Ratio Lower Upper
142 100
141 90.5 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

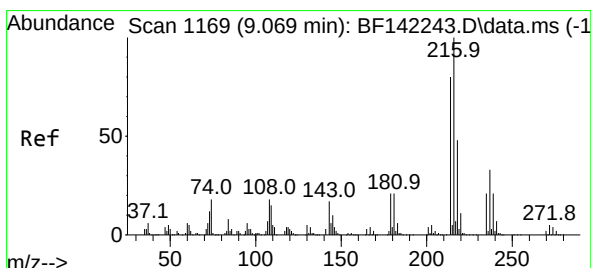
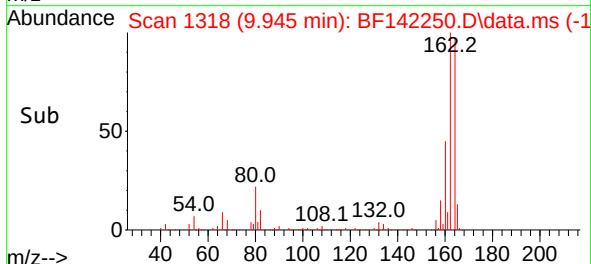
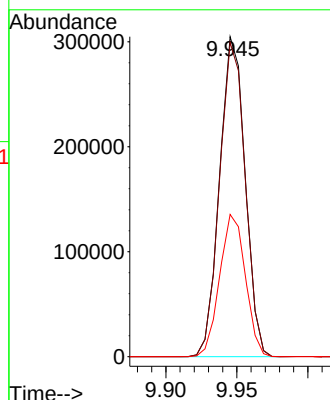
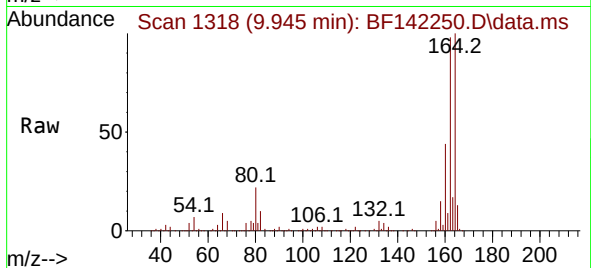
Tgt Ion:164 Resp: 381198

Ion Ratio Lower Upper

164 100

162 98.2 78.6 117.8

160 44.5 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.641 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Tgt Ion:216 Resp: 435999

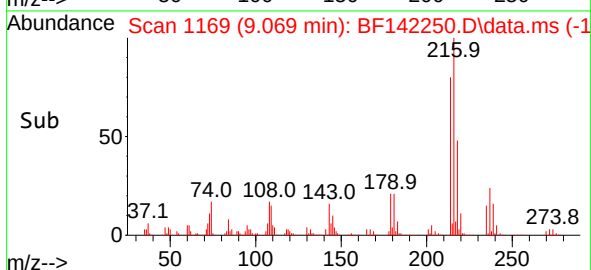
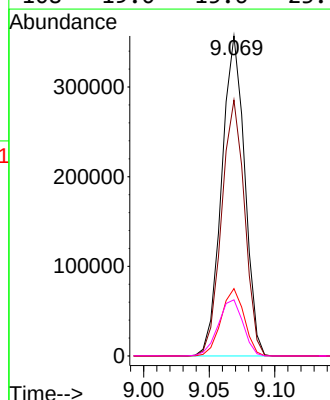
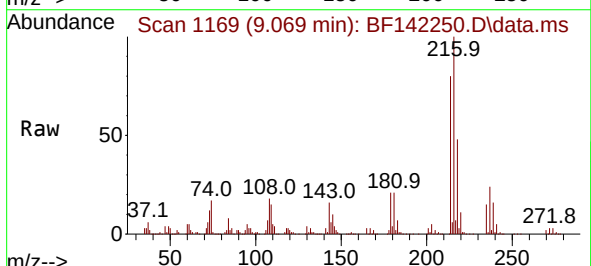
Ion Ratio Lower Upper

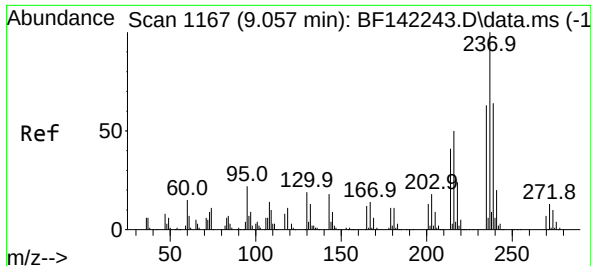
216 100

214 79.7 63.8 95.6

179 21.1 16.7 25.1

108 19.0 15.6 23.4

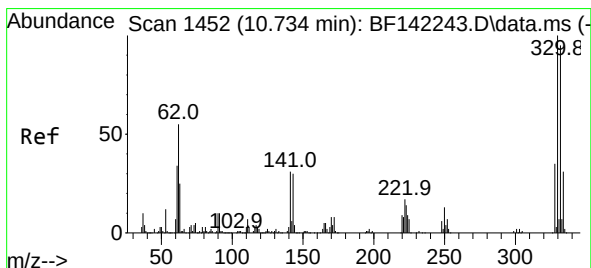
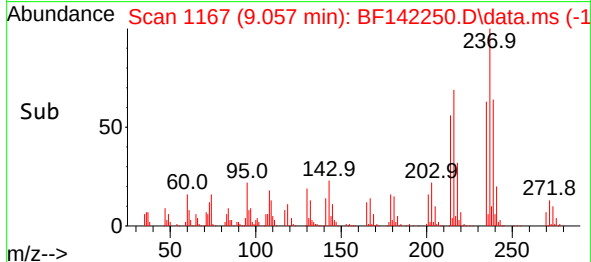
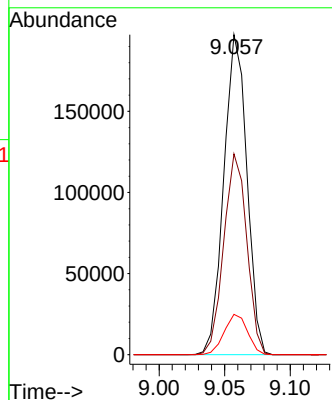
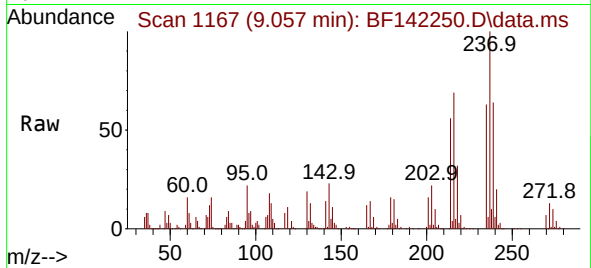




#41
Hexachlorocyclopentadiene
Concen: 39.605 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

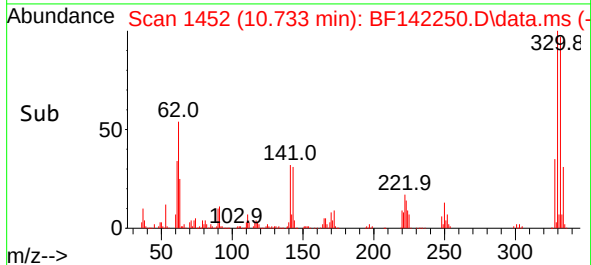
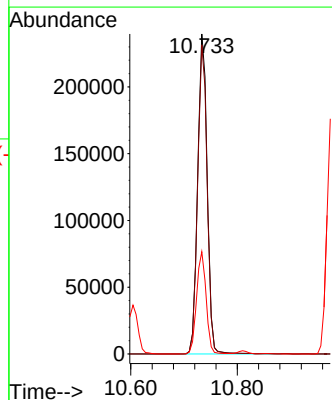
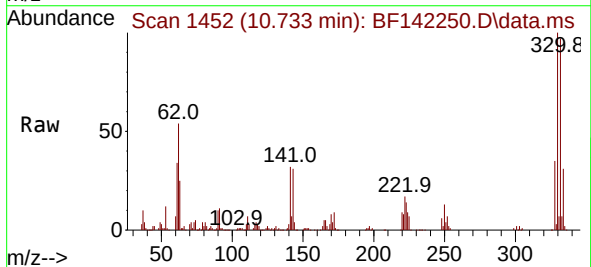
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

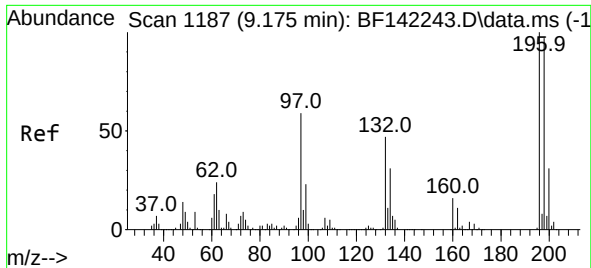
Tgt Ion:237 Resp: 241144
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 12.6 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 85.983 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:330 Resp: 298805
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 31.9 24.3 36.5

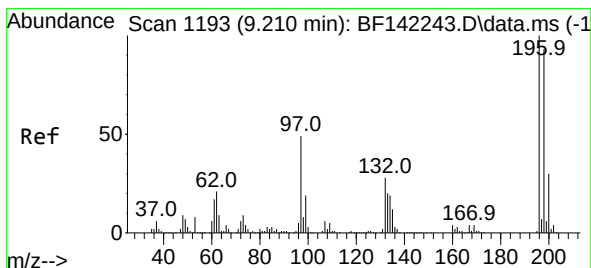
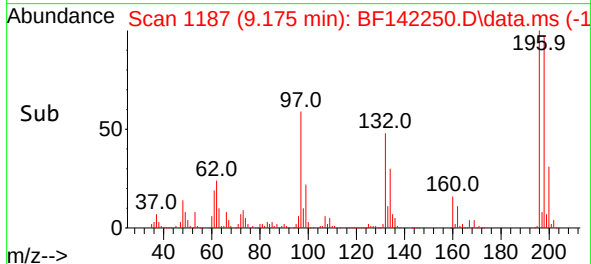
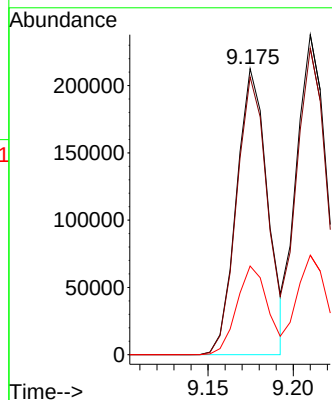
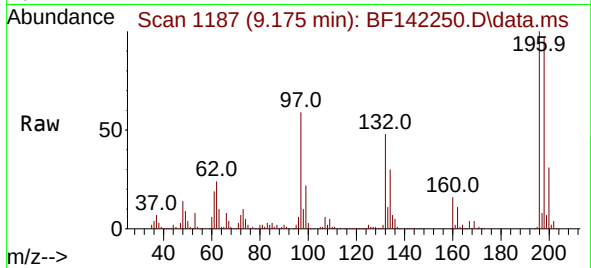




#43
2,4,6-Trichlorophenol
Concen: 40.551 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

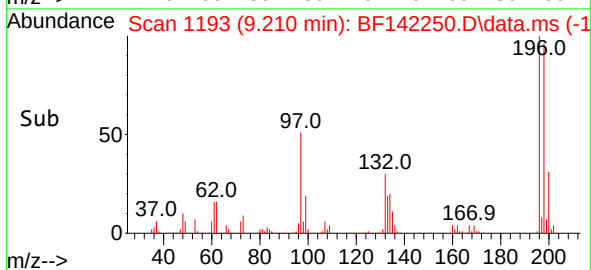
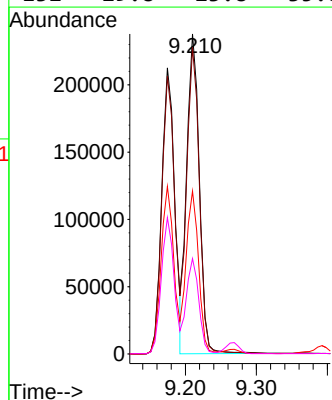
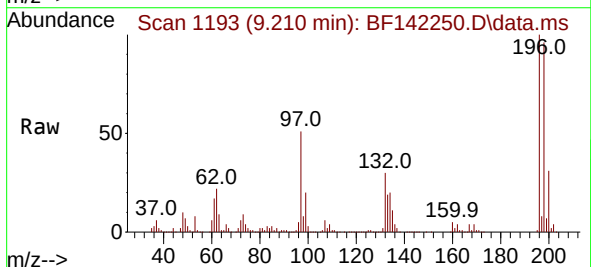
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

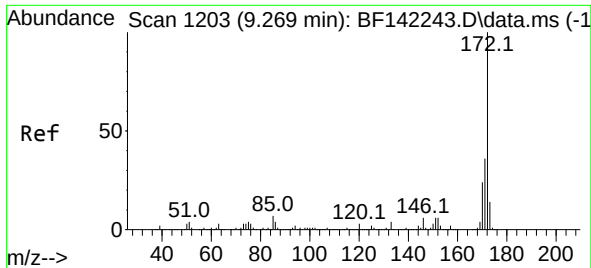
Tgt Ion:196 Resp: 269577
Ion Ratio Lower Upper
196 100
198 97.1 77.4 116.2
200 31.0 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 42.108 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:196 Resp: 294308
Ion Ratio Lower Upper
196 100
198 95.7 75.2 112.8
97 50.9 39.8 59.8
132 29.8 23.8 35.8

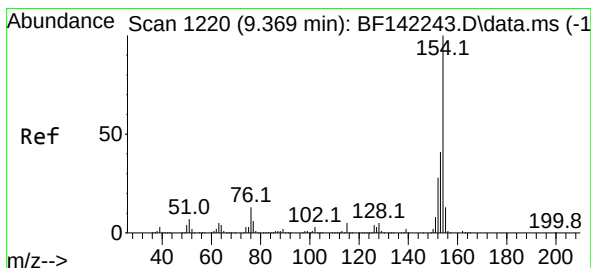
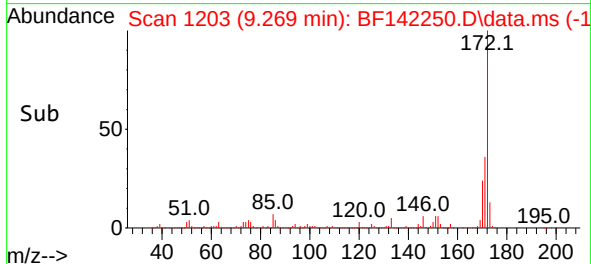
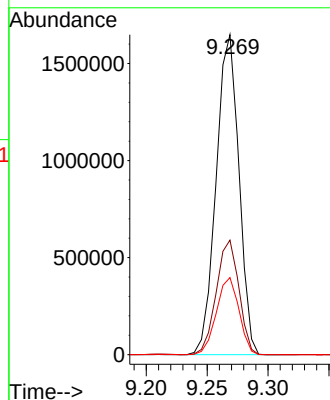
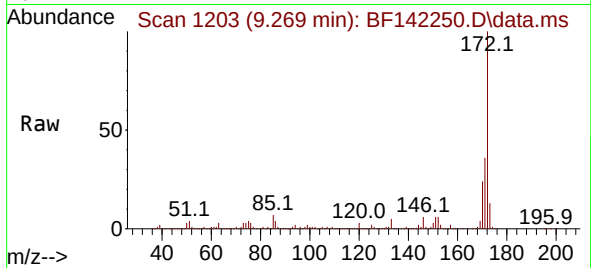




#45
2-Fluorobiphenyl
Concen: 79.446 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

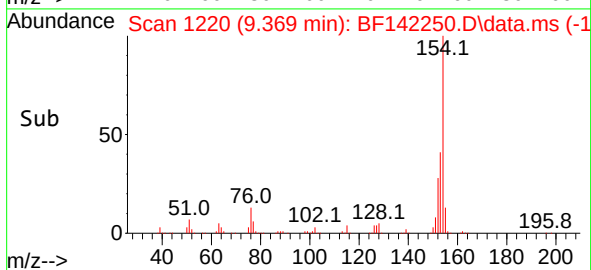
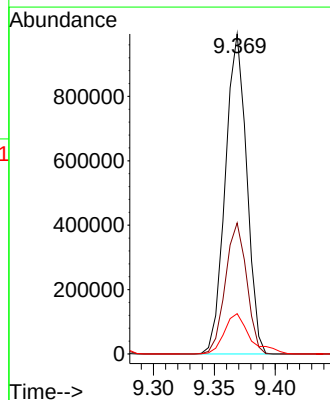
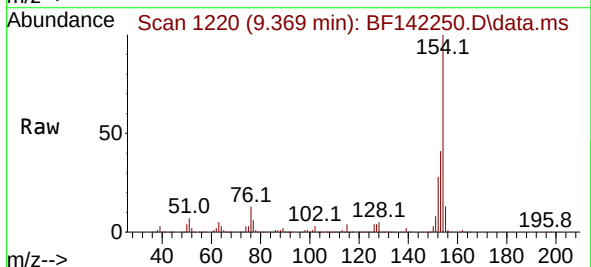
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

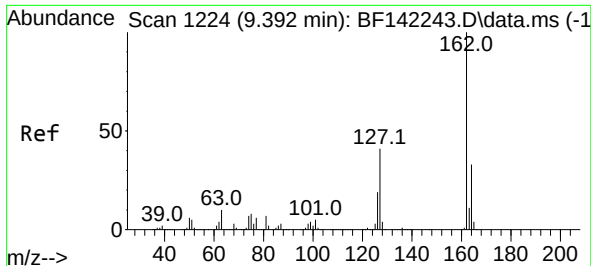
Tgt Ion:172 Resp: 2147916
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.1 19.4 29.0



#46
1,1'-Biphenyl
Concen: 40.922 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:154 Resp: 1212716
Ion Ratio Lower Upper
154 100
153 41.0 20.5 60.5
76 12.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.663 ng

RT: 9.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

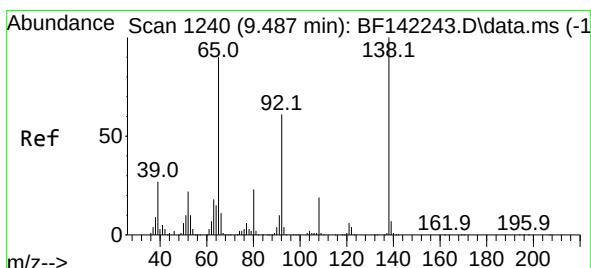
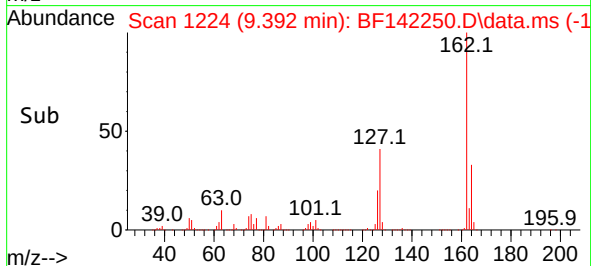
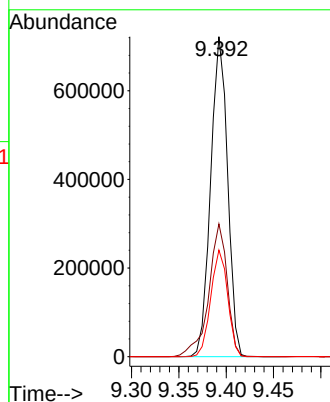
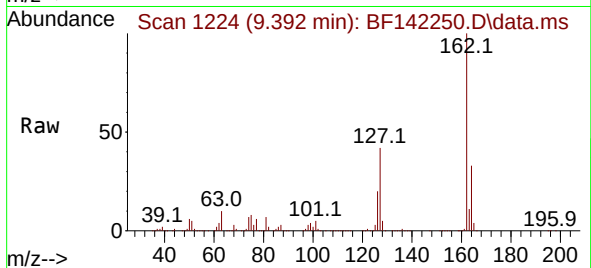
Tgt Ion:162 Resp: 896541

Ion Ratio Lower Upper

162 100

127 41.5 32.6 49.0

164 33.3 26.1 39.1



#48

2-Nitroaniline

Concen: 37.508 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.007 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

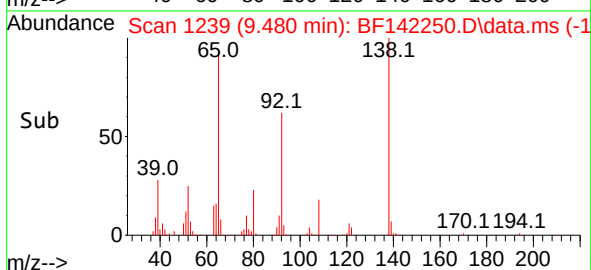
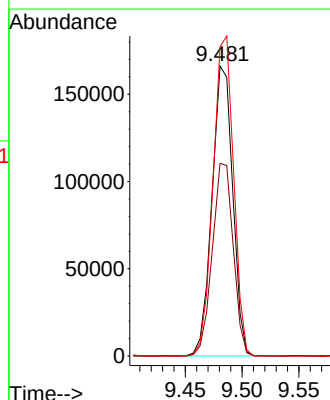
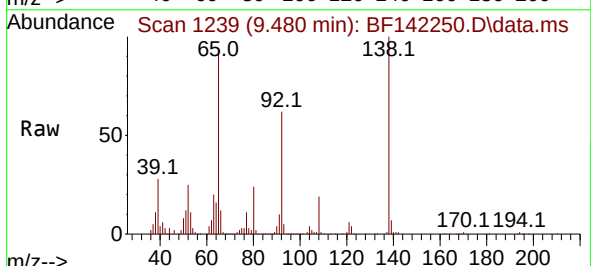
Tgt Ion: 65 Resp: 211351

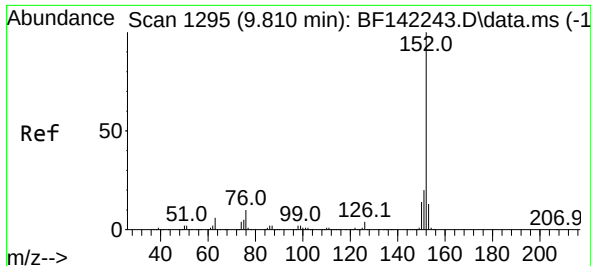
Ion Ratio Lower Upper

65 100

92 66.4 54.3 81.5

138 106.6 88.6 133.0





#49

Acenaphthylene

Concen: 40.906 ng

RT: 9.810 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

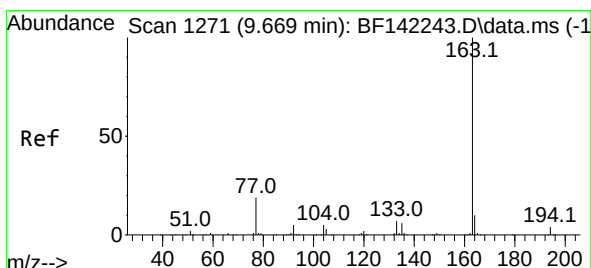
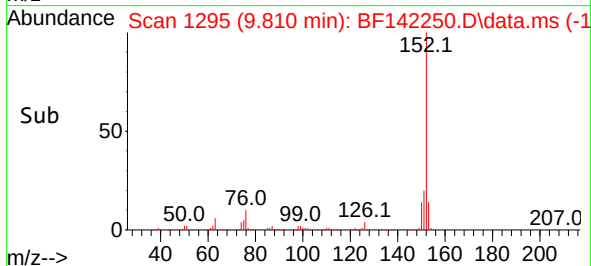
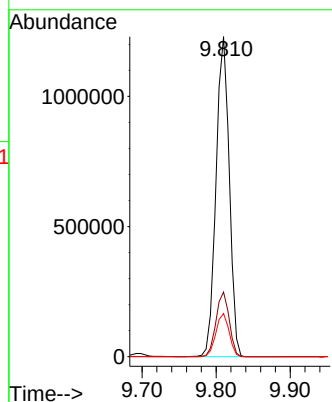
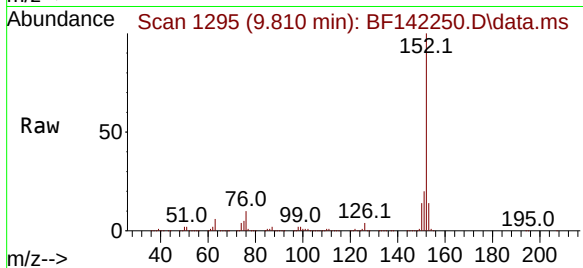
Tgt Ion:152 Resp: 1521943

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.5 10.7 16.1



#50

Dimethylphthalate

Concen: 42.093 ng

RT: 9.669 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

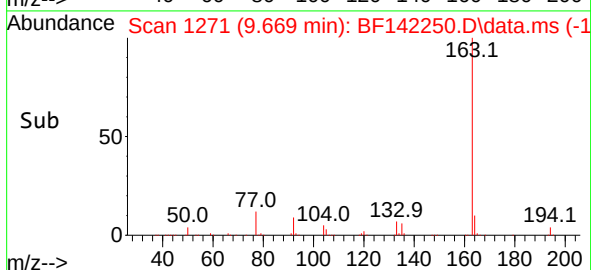
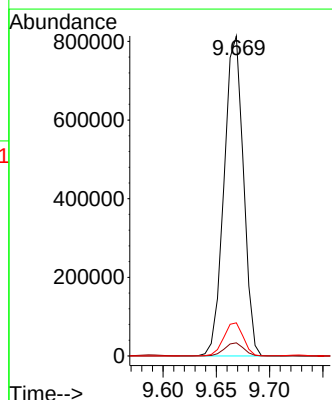
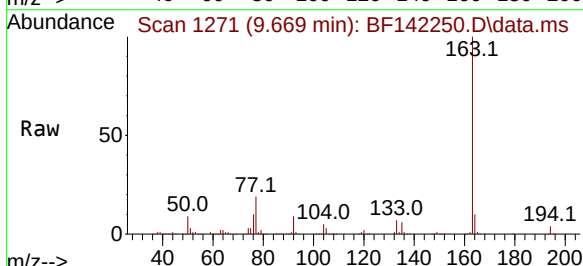
Tgt Ion:163 Resp: 1026519

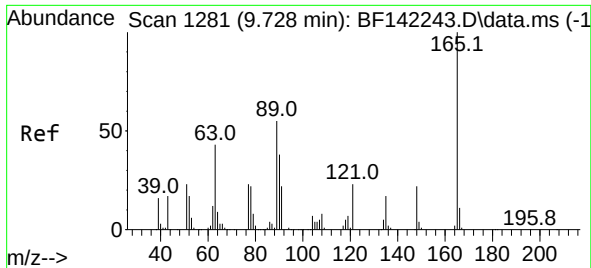
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.4 8.2 12.2

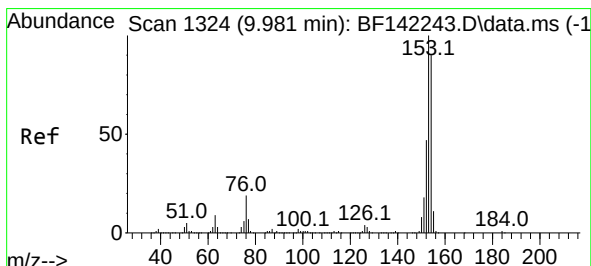
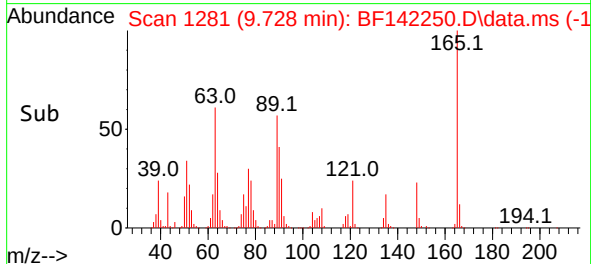
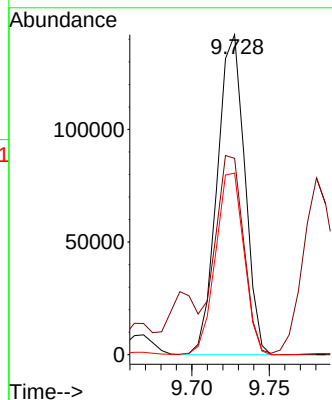
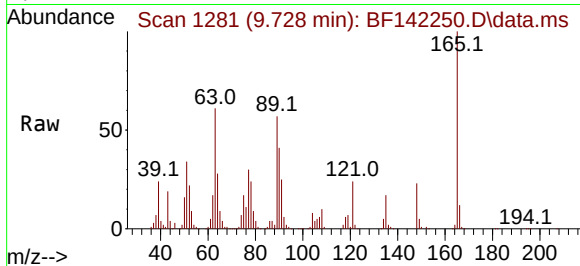




#51
2,6-Dinitrotoluene
Concen: 38.527 ng
RT: 9.728 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

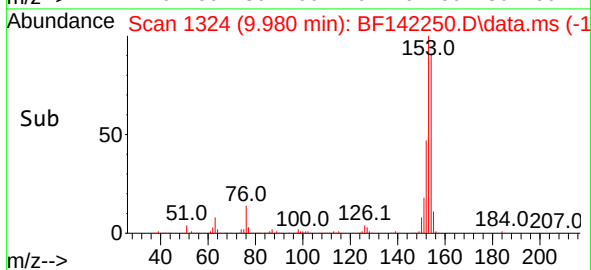
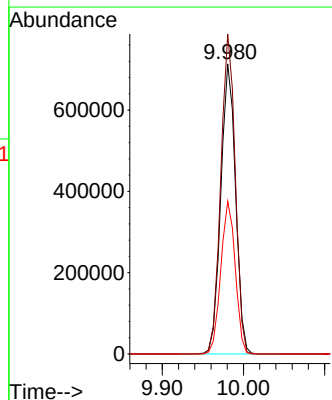
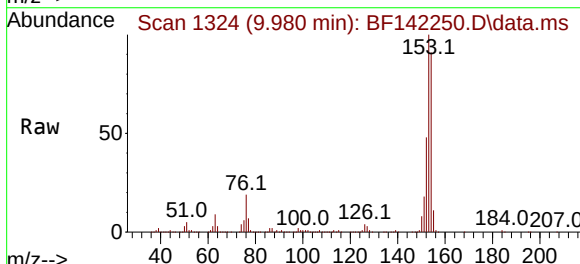
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

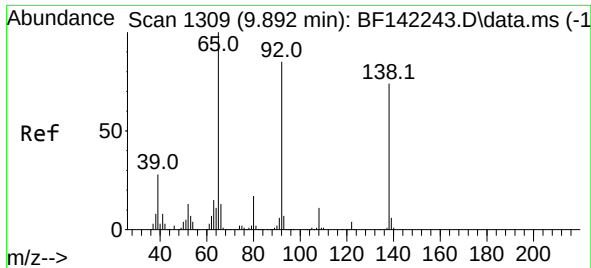
Tgt Ion:165 Resp: 176156
Ion Ratio Lower Upper
165 100
63 61.3 48.5 72.7
89 56.7 43.9 65.9



#52
Acenaphthene
Concen: 41.576 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:154 Resp: 903201
Ion Ratio Lower Upper
154 100
153 110.3 88.6 133.0
152 52.6 42.1 63.1

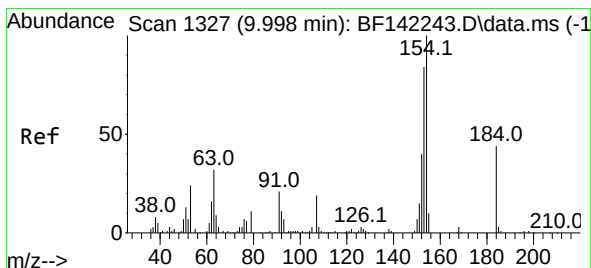
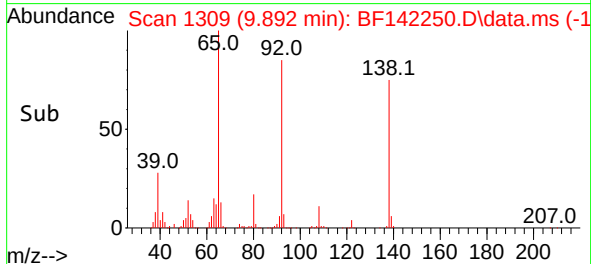
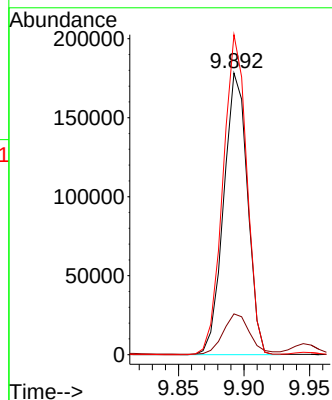
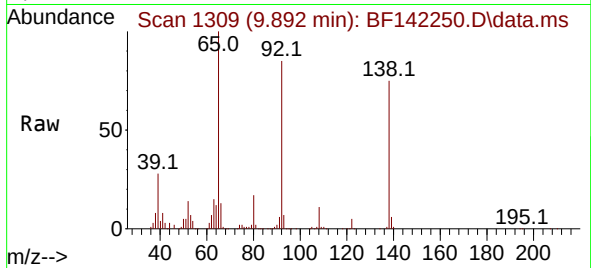




#53
3-Nitroaniline
Concen: 40.152 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

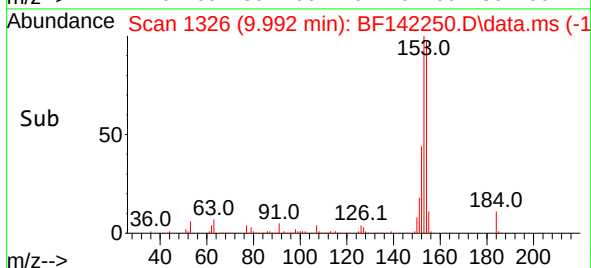
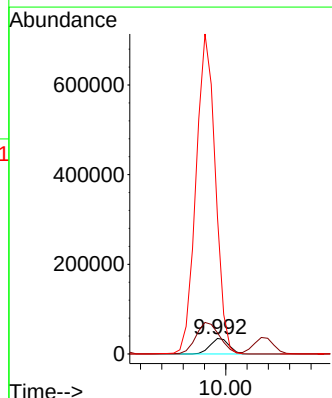
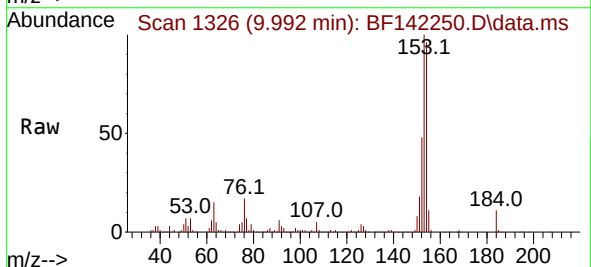
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

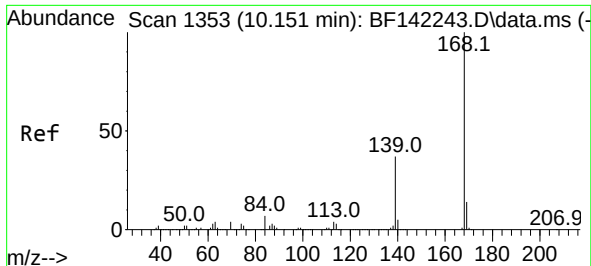
Tgt Ion:138 Resp: 225294
Ion Ratio Lower Upper
138 100
108 14.5 11.7 17.5
92 113.6 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 37.926 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:184 Resp: 42525
Ion Ratio Lower Upper
184 100
63 136.6 69.2 103.8#
154 883.4 271.4 407.2#

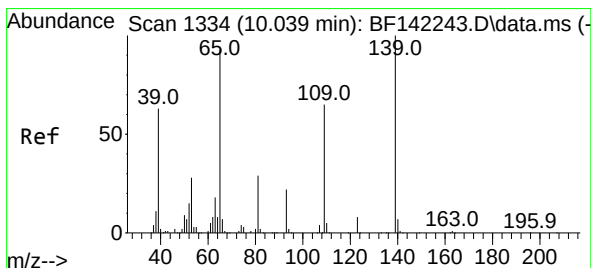
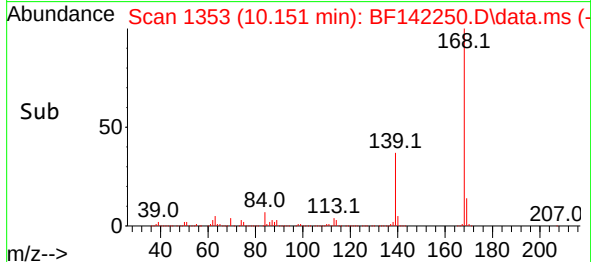
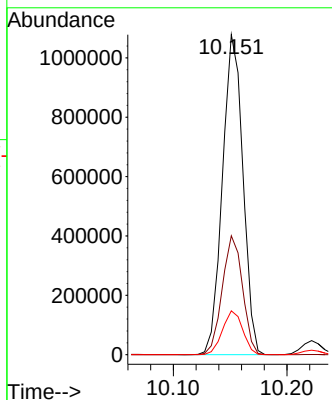
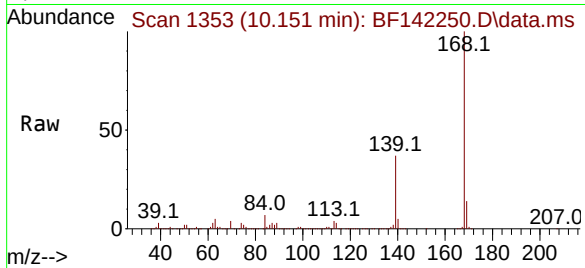




#55
Dibenzenofuran
Concen: 41.484 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

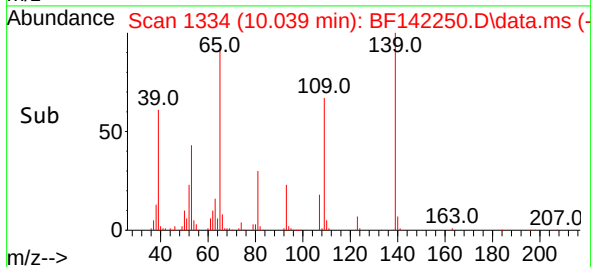
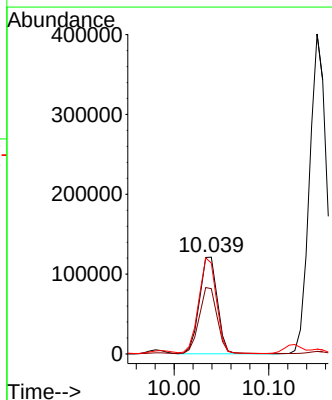
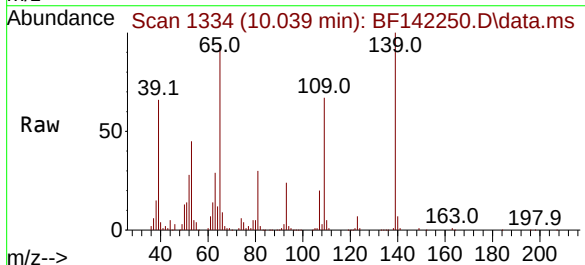
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

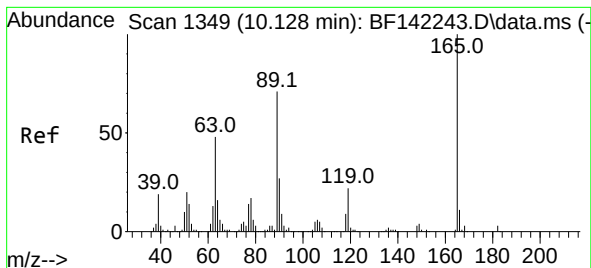
Tgt Ion:168 Resp: 1350916
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.0
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 41.706 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:139 Resp: 159868
Ion Ratio Lower Upper
139 100
109 67.4 44.9 84.9
65 93.9 74.7 114.7

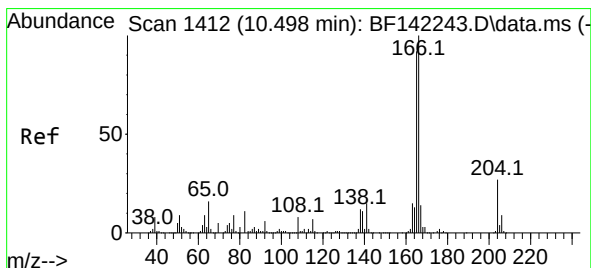
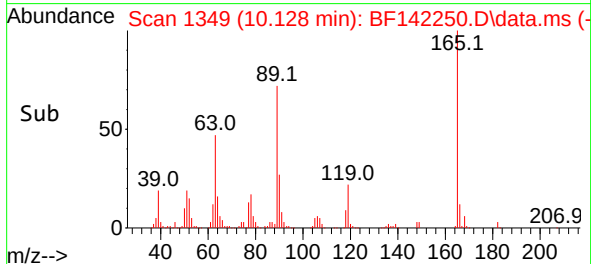
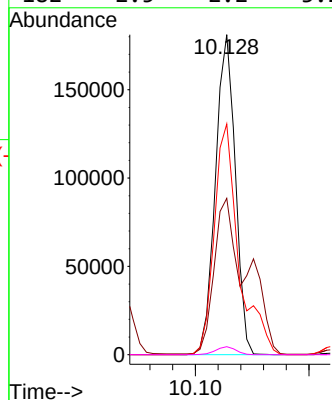
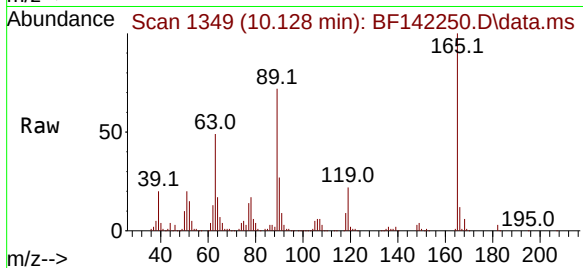




#57
2,4-Dinitrotoluene
Concen: 39.850 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

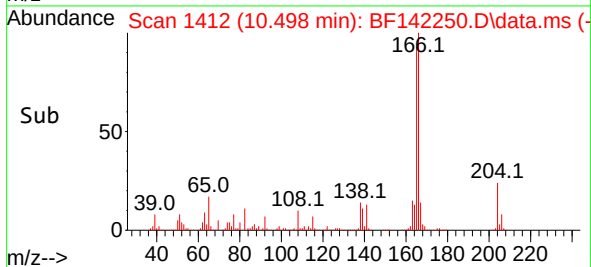
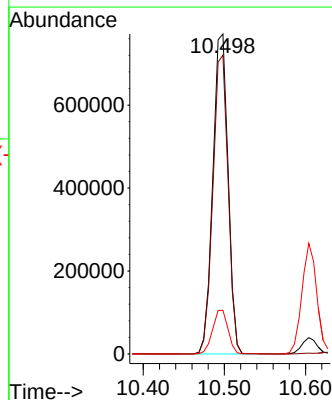
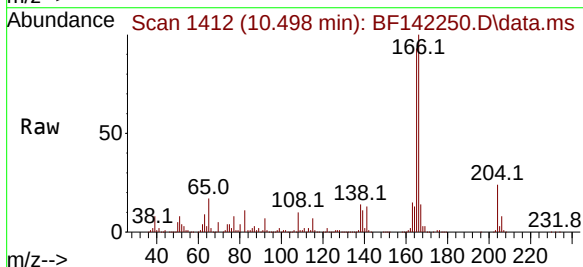
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

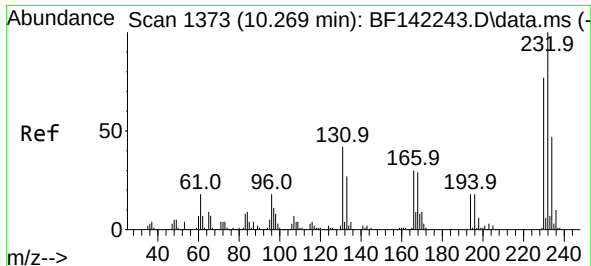
Tgt Ion:165 Resp: 220248
Ion Ratio Lower Upper
165 100
63 48.8 38.8 58.2
89 72.1 57.1 85.7
182 2.5 2.2 3.2



#58
Fluorene
Concen: 40.709 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:166 Resp: 1007989
Ion Ratio Lower Upper
166 100
165 93.4 73.9 110.9
167 13.7 10.8 16.2

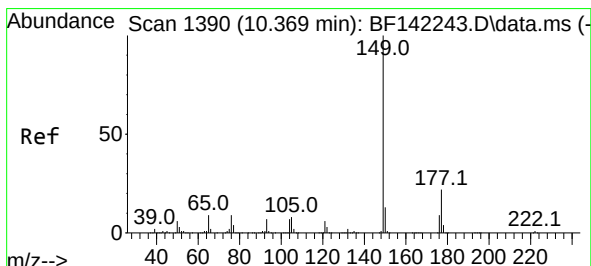
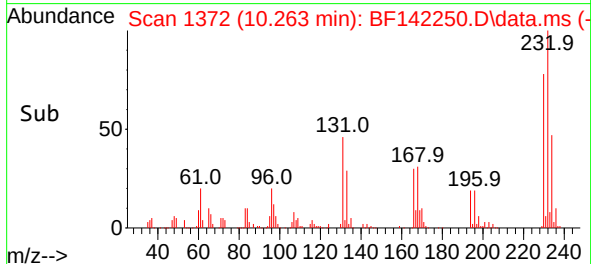
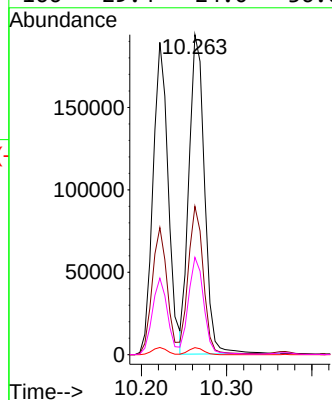
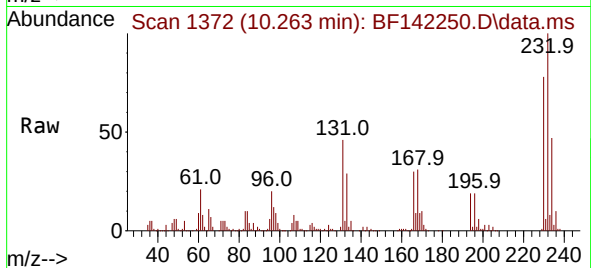




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.475 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

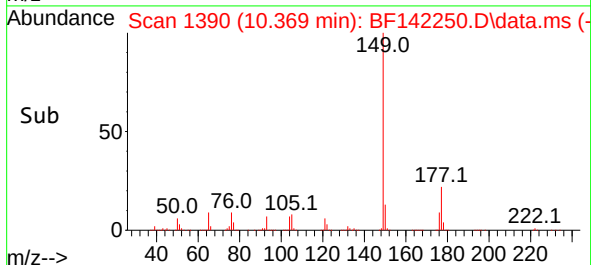
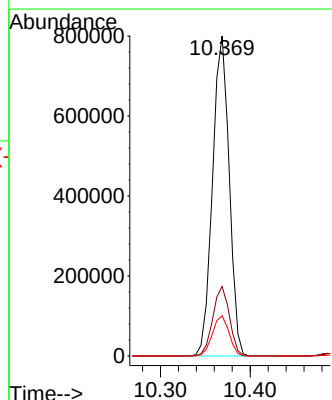
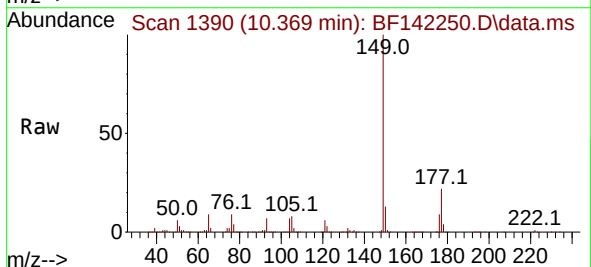
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

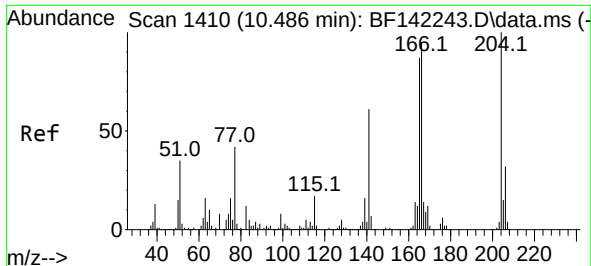
Tgt Ion:232 Resp: 245919
Ion Ratio Lower Upper
232 100
131 46.0 35.9 53.9
130 2.1 1.8 2.6
166 29.4 24.0 36.0



#60
Diethylphthalate
Concen: 42.799 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:149 Resp: 1030685
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 12.5 10.2 15.2

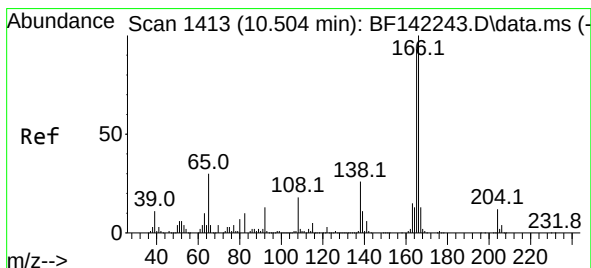
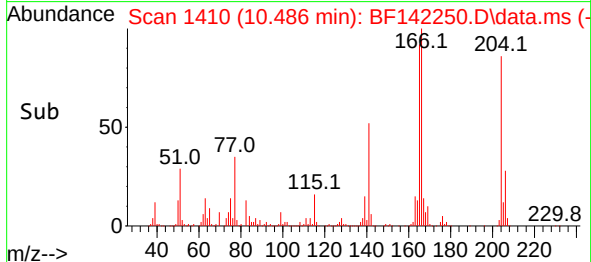
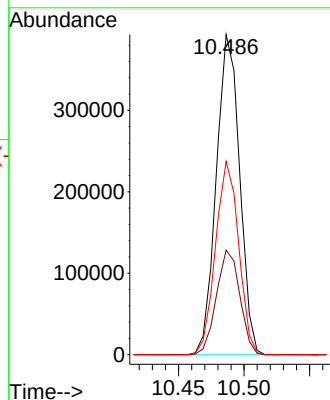
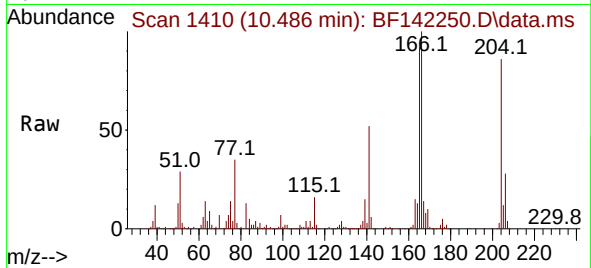




#61
4-Chlorophenyl-phenylether
Concen: 41.333 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

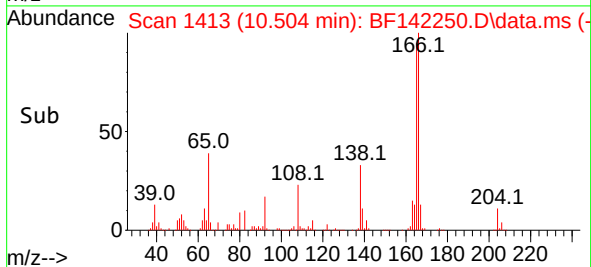
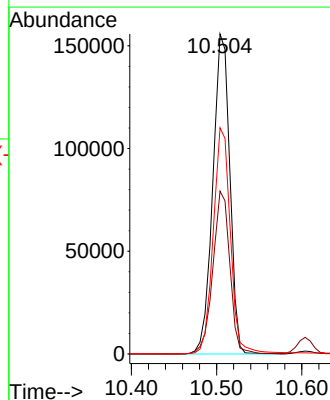
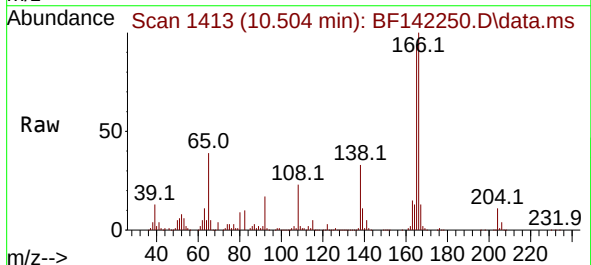
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

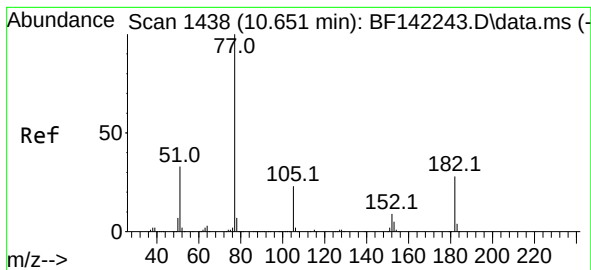
Tgt Ion:204 Resp: 486030
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 60.4 48.9 73.3



#62
4-Nitroaniline
Concen: 42.018 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:138 Resp: 215440
Ion Ratio Lower Upper
138 100
92 50.8 29.2 69.2
108 70.7 49.1 89.1





#63

Azobenzene

Concen: 41.895 ng

RT: 10.645 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 996298

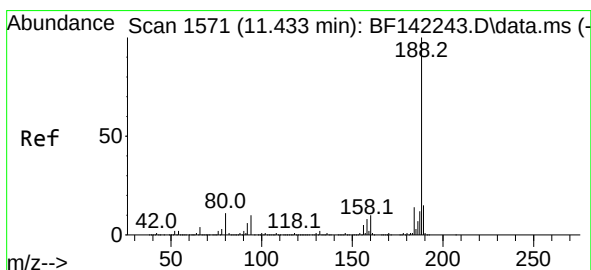
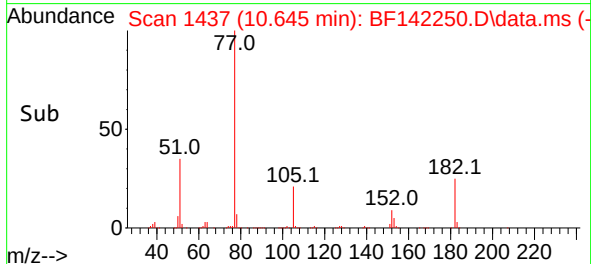
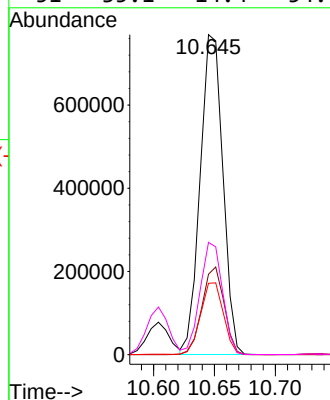
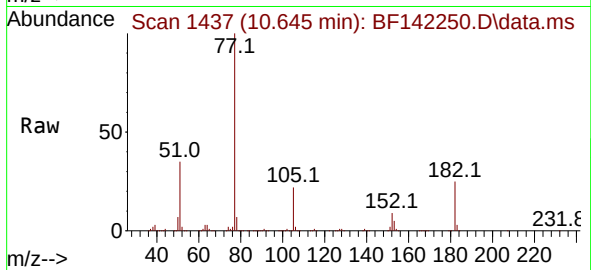
Ion Ratio Lower Upper

77 100

182 25.2 7.3 47.3

105 22.3 2.5 42.5

51 35.1 14.4 54.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

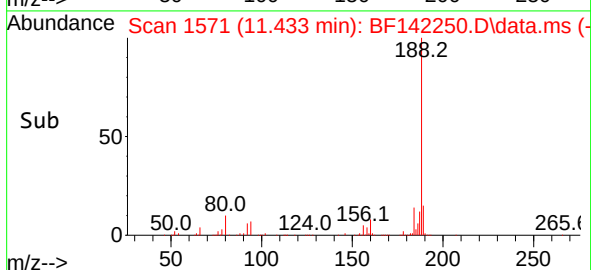
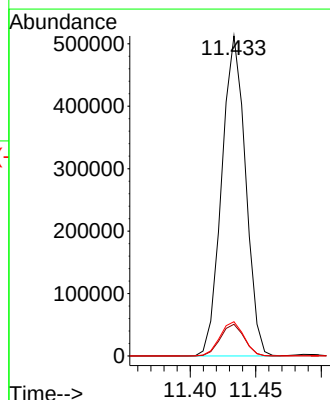
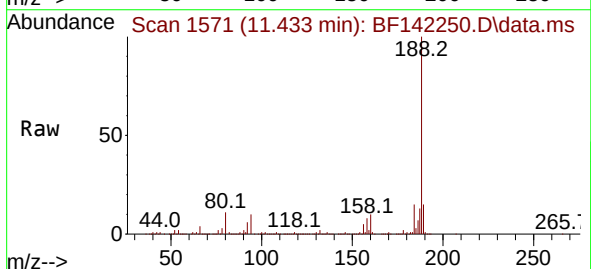
Tgt Ion: 188 Resp: 647816

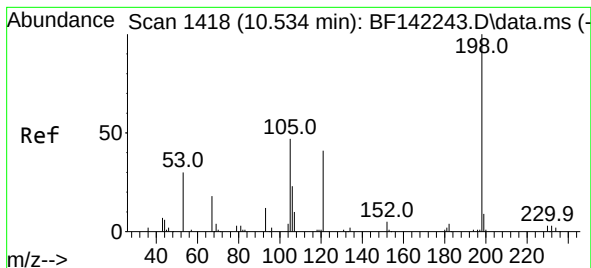
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.7 8.6 12.8

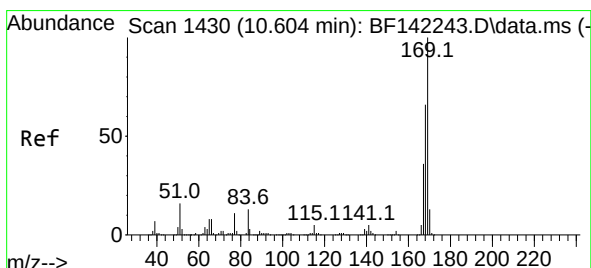
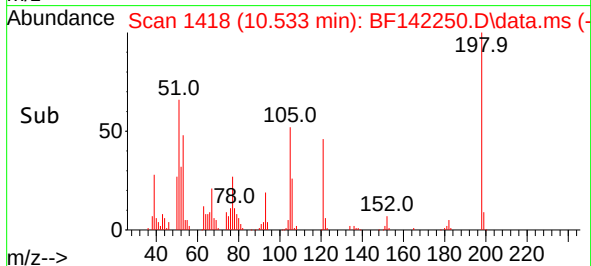
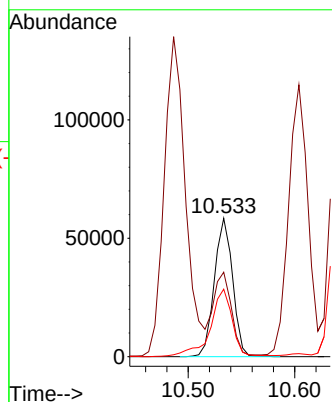
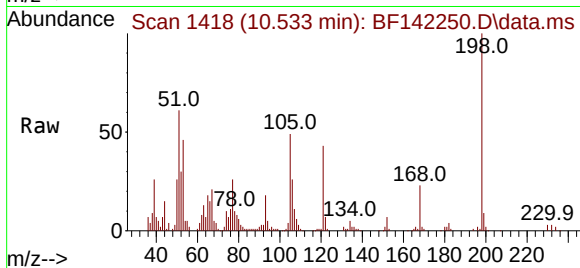




#65
4,6-Dinitro-2-methylphenol
Concen: 35.905 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.001 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

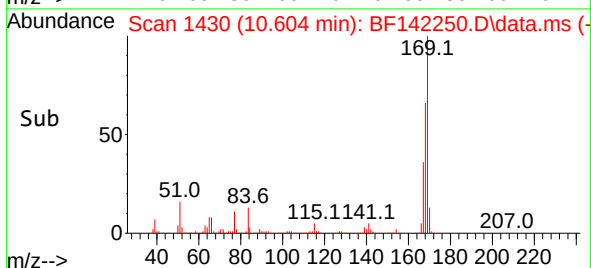
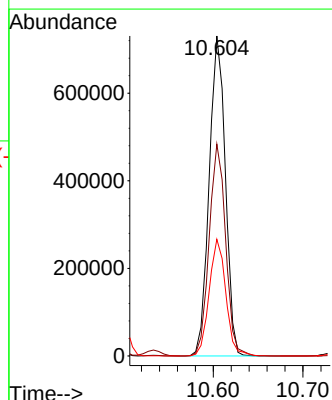
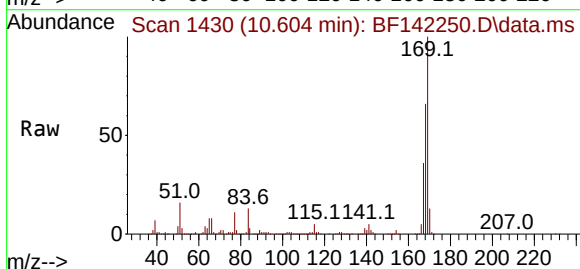
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

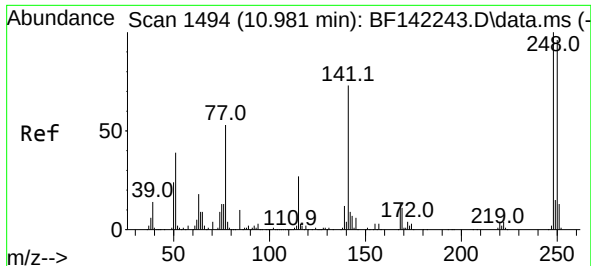
Tgt Ion:198 Resp: 69294
Ion Ratio Lower Upper
198 100
51 61.0 40.6 80.6
105 48.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.322 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:169 Resp: 914630
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 36.5 28.8 43.2

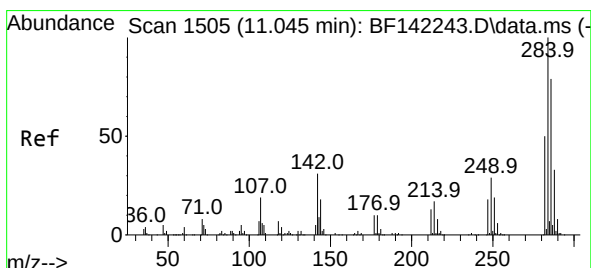
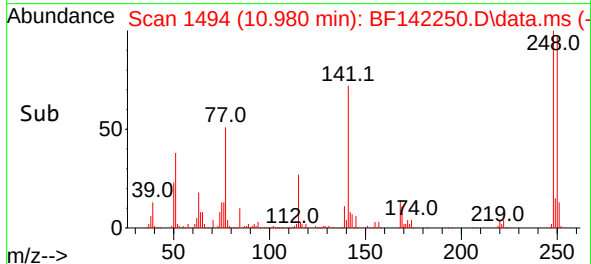
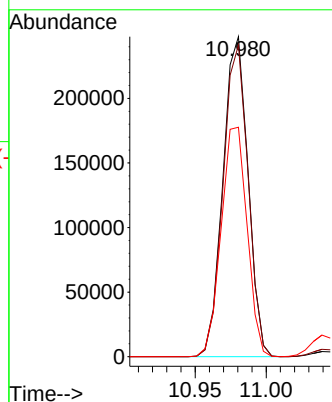
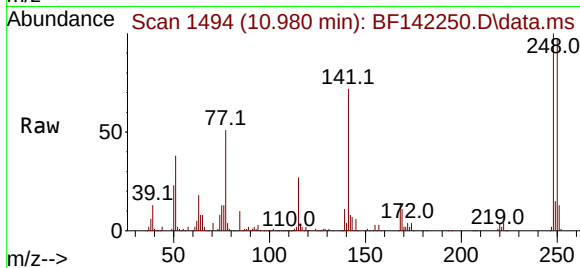




#67
4-Bromophenyl-phenylether
Concen: 42.258 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

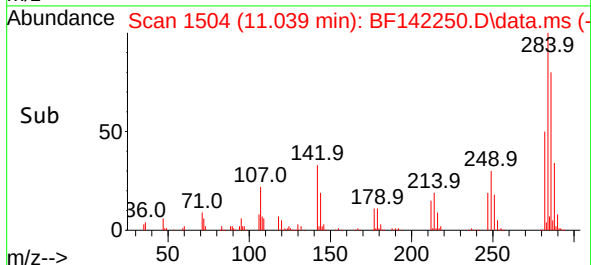
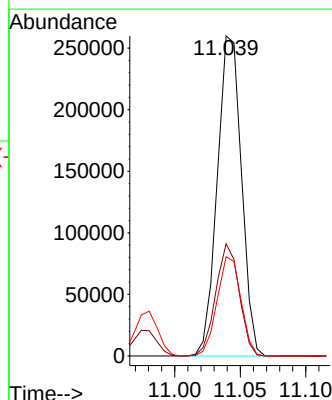
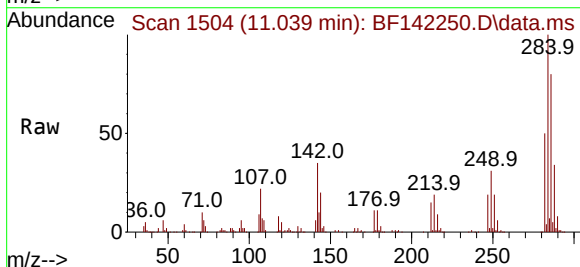
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

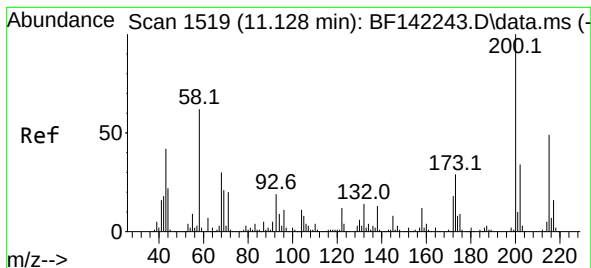
Tgt Ion:248 Resp: 304870
Ion Ratio Lower Upper
248 100
250 97.4 77.2 115.8
141 71.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.207 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:284 Resp: 332960
Ion Ratio Lower Upper
284 100
142 35.1 24.6 37.0
249 31.0 23.2 34.8





#69

Atrazine

Concen: 45.262 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

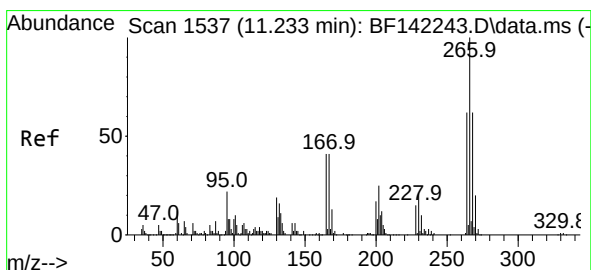
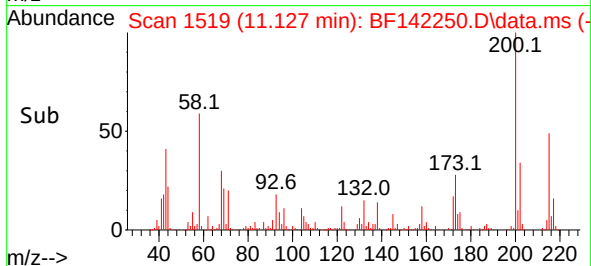
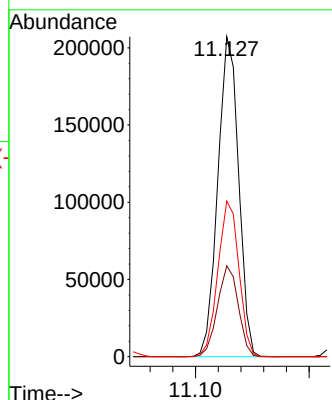
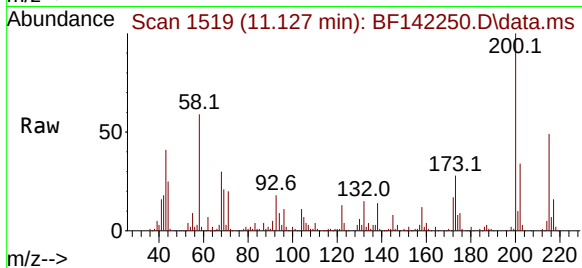
Tgt Ion:200 Resp: 264074

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

215 48.7 28.5 68.5



#70

Pentachlorophenol

Concen: 41.491 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

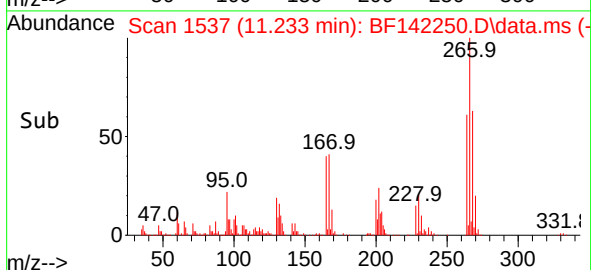
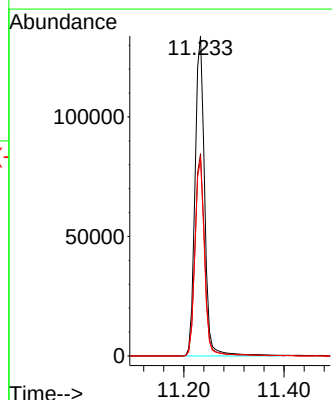
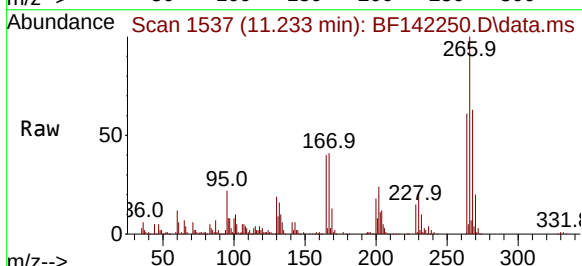
Tgt Ion:266 Resp: 177109

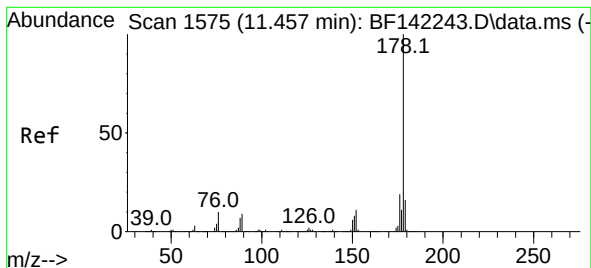
Ion Ratio Lower Upper

266 100

268 63.2 50.0 75.0

264 61.4 49.3 73.9





#71

Phenanthrene

Concen: 41.326 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

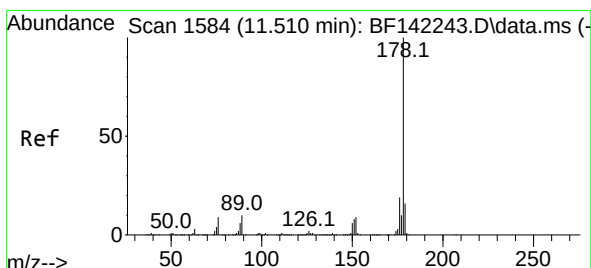
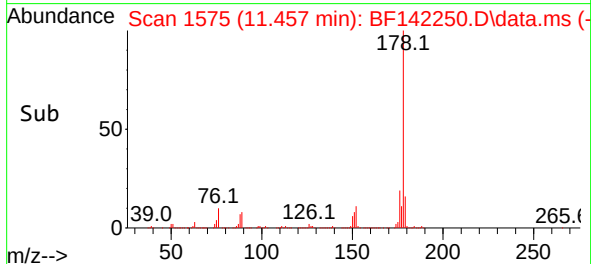
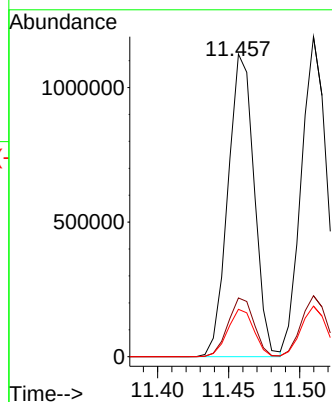
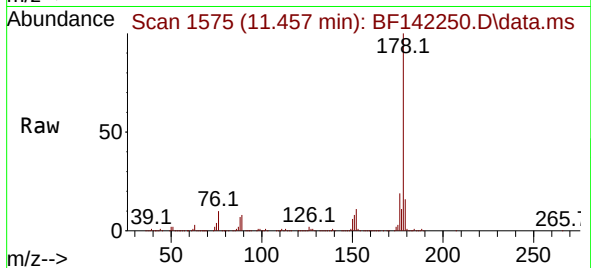
Tgt Ion:178 Resp: 1446110

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.7 12.6 19.0



#72

Anthracene

Concen: 41.339 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

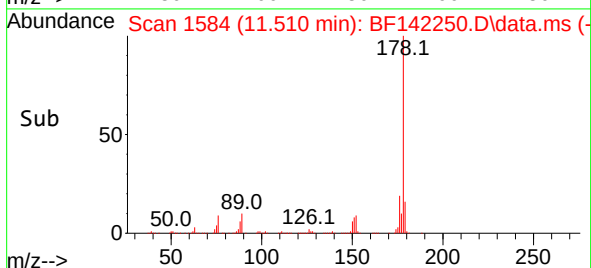
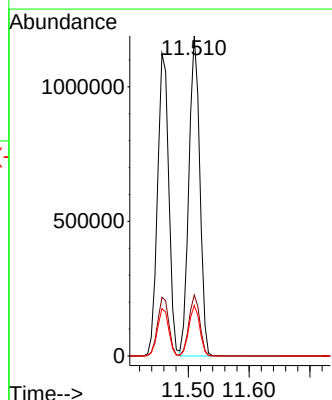
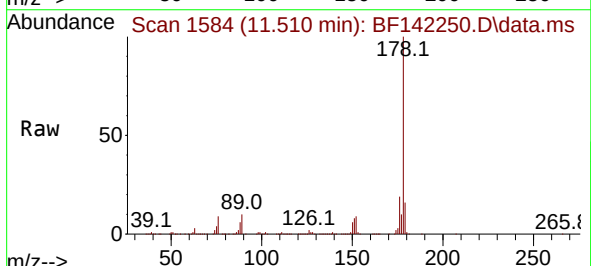
Tgt Ion:178 Resp: 1479001

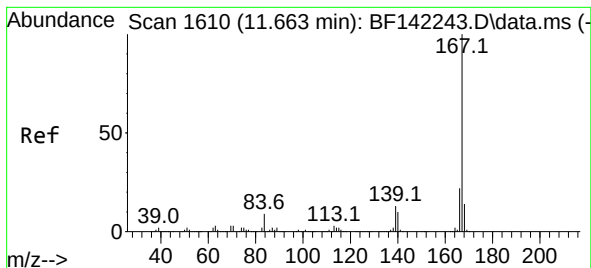
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.8 12.7 19.1





#73

Carbazole

Concen: 41.429 ng

RT: 11.663 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

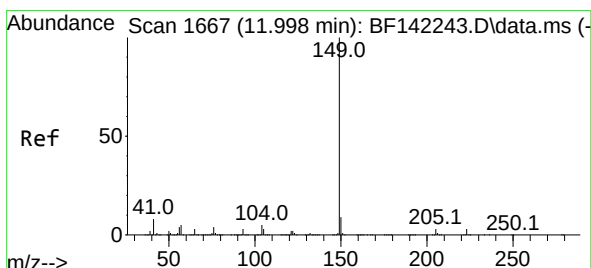
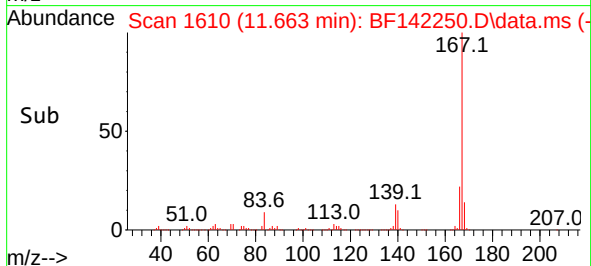
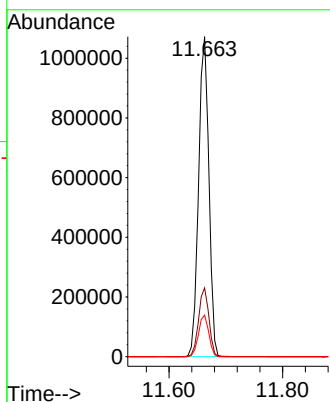
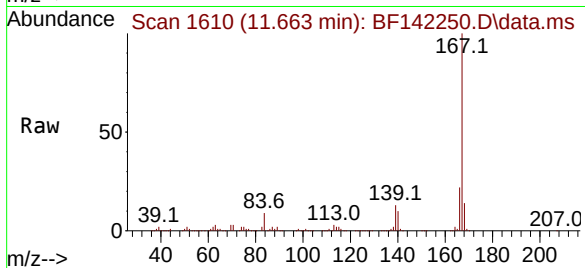
Tgt Ion:167 Resp: 1352106

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 44.864 ng

RT: 11.998 min Scan# 1667

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

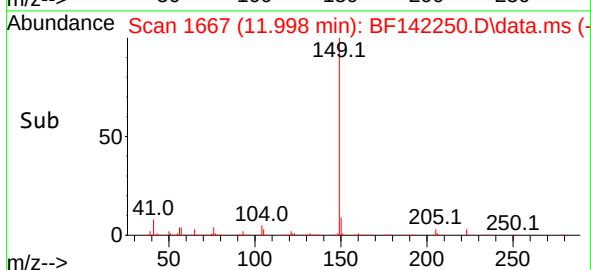
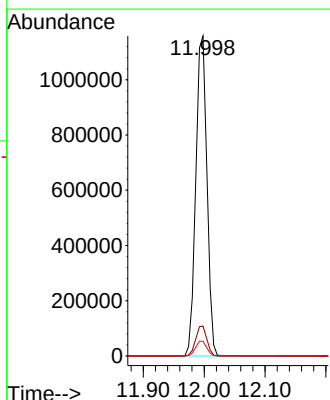
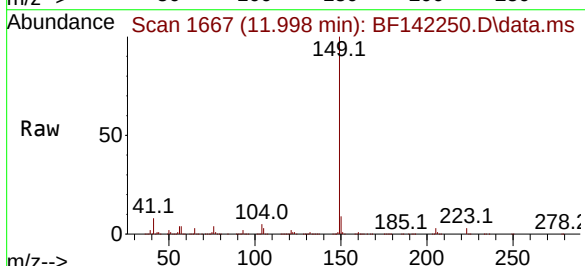
Tgt Ion:149 Resp: 1472584

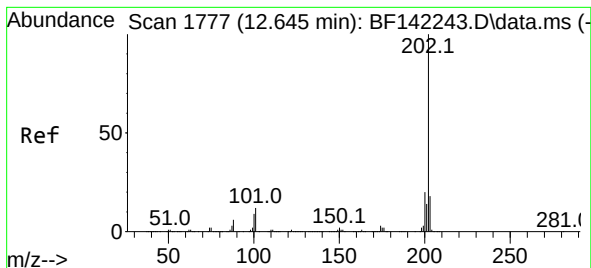
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 42.947 ng

RT: 12.645 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

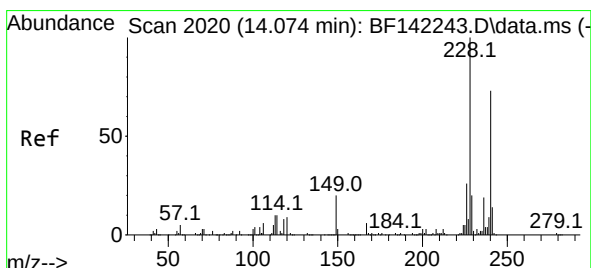
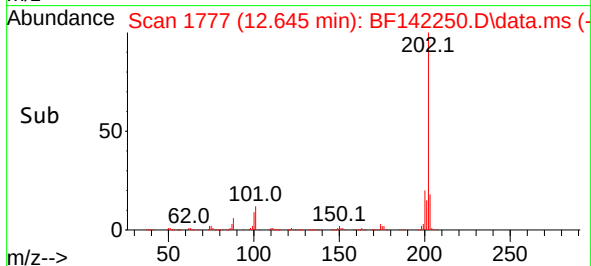
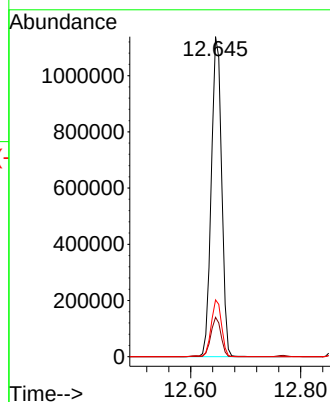
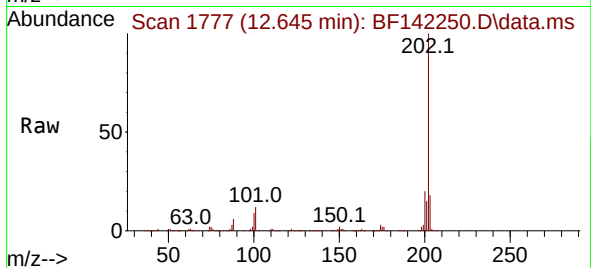
Tgt Ion:202 Resp: 1485579

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.4

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

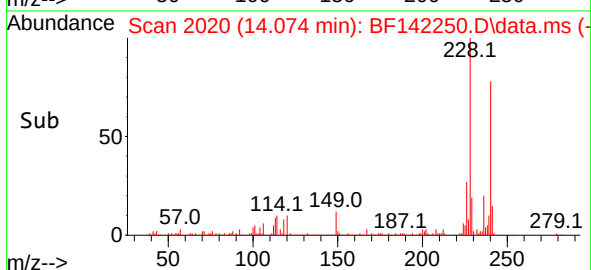
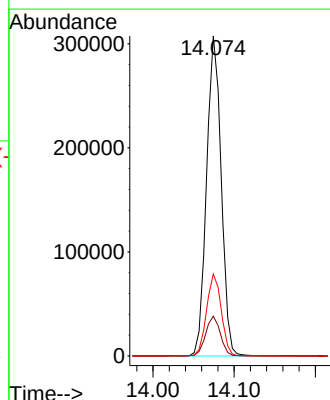
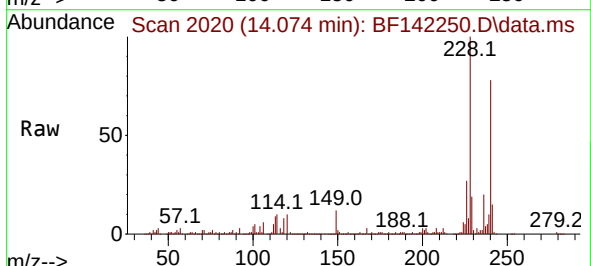
Tgt Ion:240 Resp: 384442

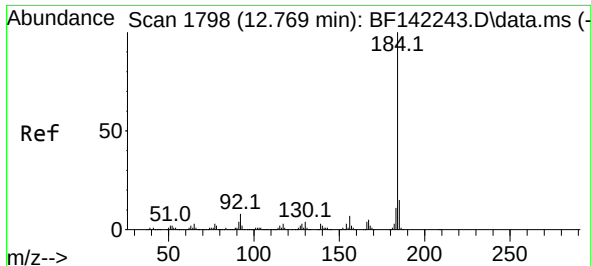
Ion Ratio Lower Upper

240 100

120 12.5 10.1 15.1

236 25.7 20.5 30.7

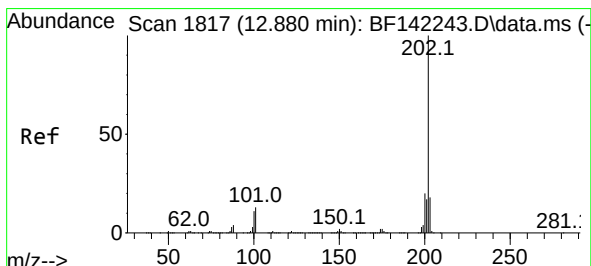
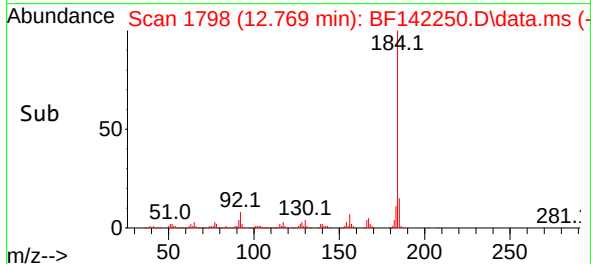
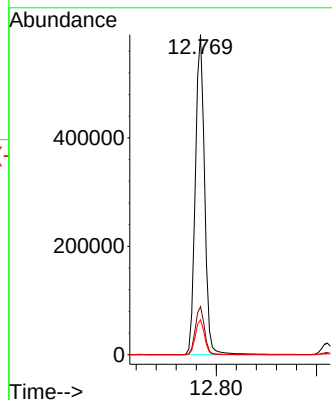
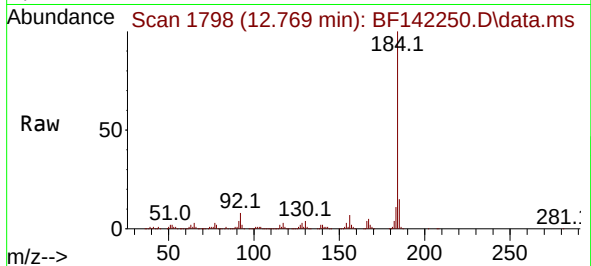




#77
Benzidine
Concen: 46.160 ng
RT: 12.769 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

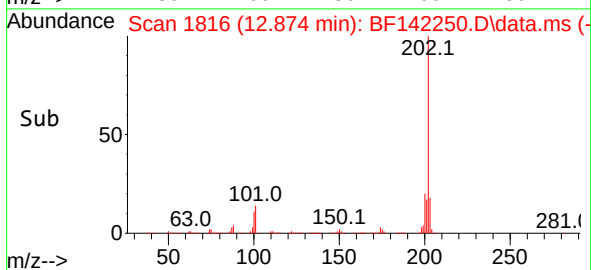
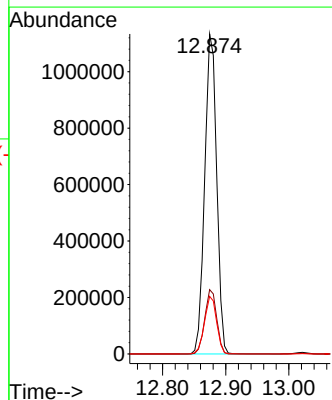
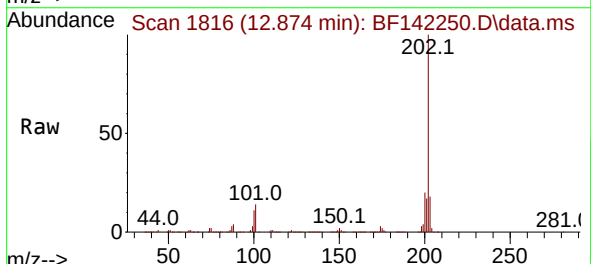
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

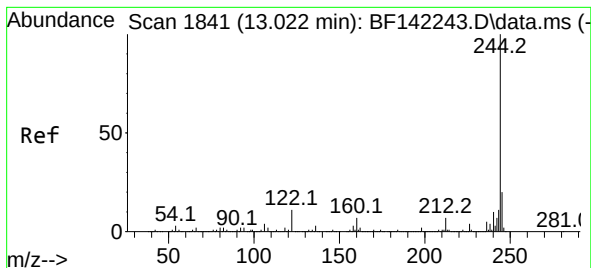
Tgt Ion:184 Resp: 754042
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.6
183 10.9 8.9 13.3



#78
Pyrene
Concen: 42.016 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:202 Resp: 1490017
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 82.722 ng

RT: 13.021 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

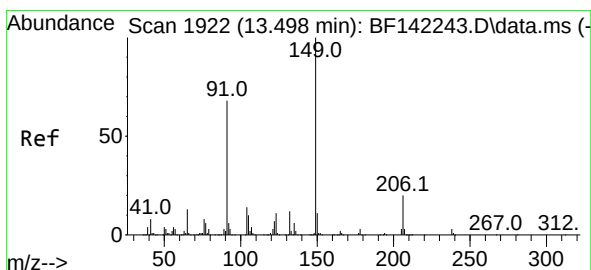
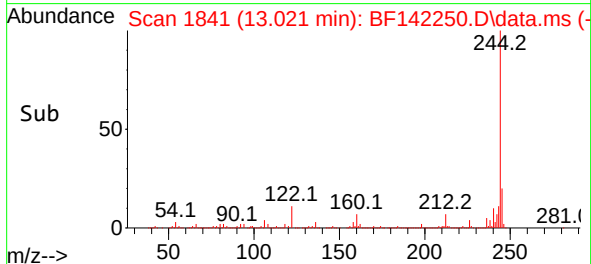
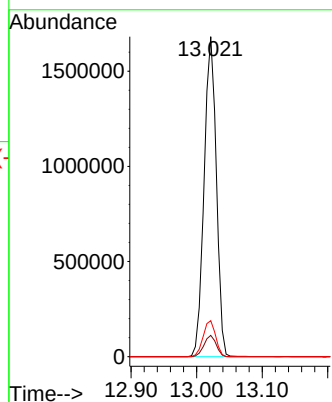
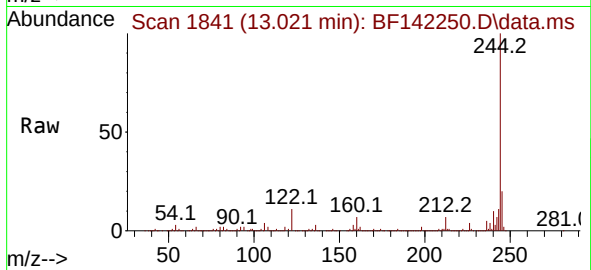
Tgt Ion:244 Resp: 2186580

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 11.3 9.1 13.7



#80

Butylbenzylphthalate

Concen: 40.417 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

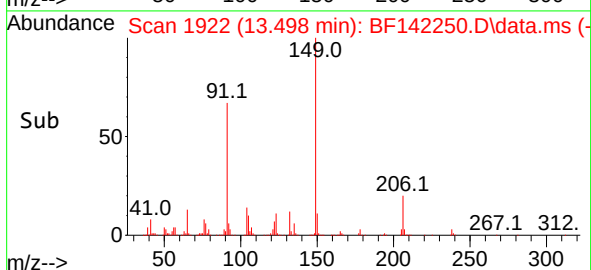
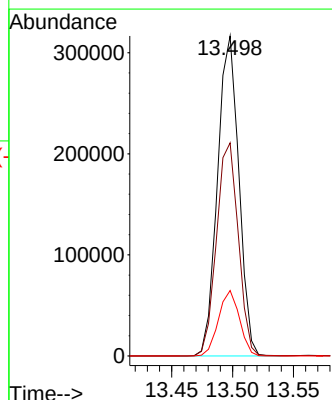
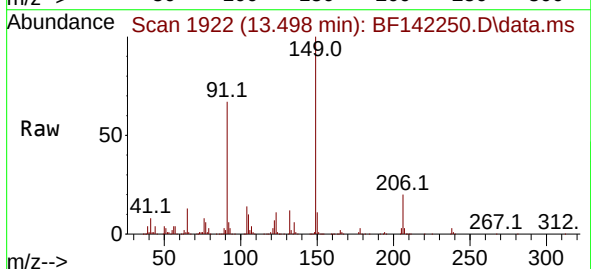
Tgt Ion:149 Resp: 385725

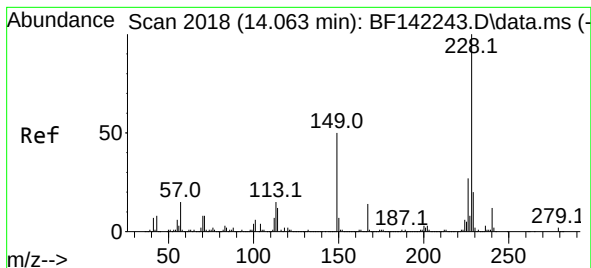
Ion Ratio Lower Upper

149 100

91 66.6 54.4 81.6

206 20.5 15.9 23.9





#81

Benzo(a)anthracene

Concen: 41.049 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

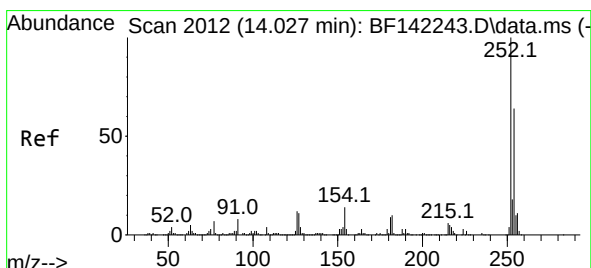
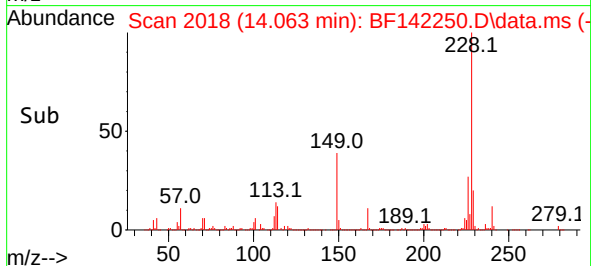
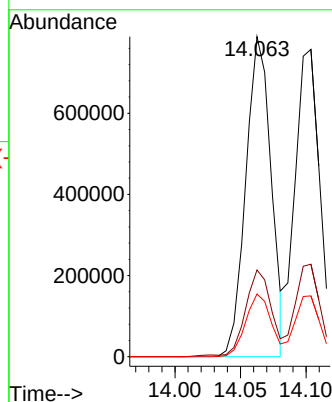
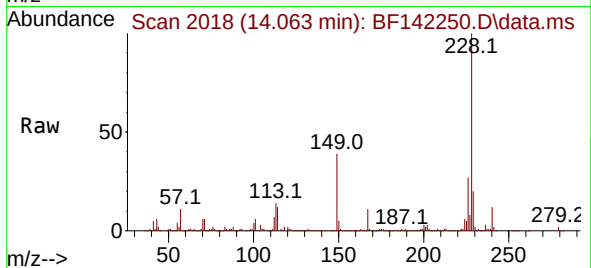
Tgt Ion:228 Resp: 1059415

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

229 19.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 42.615 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

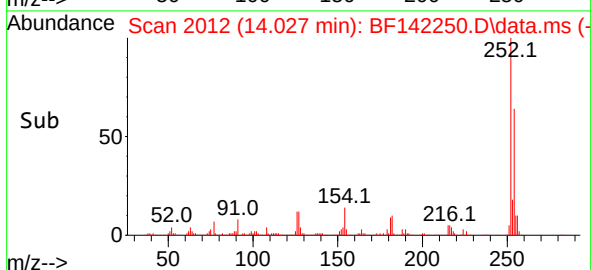
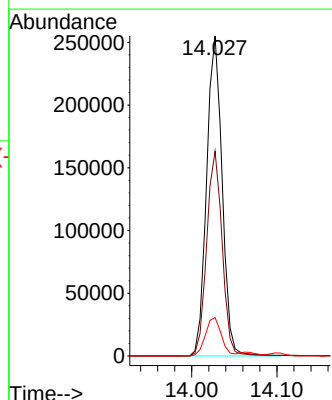
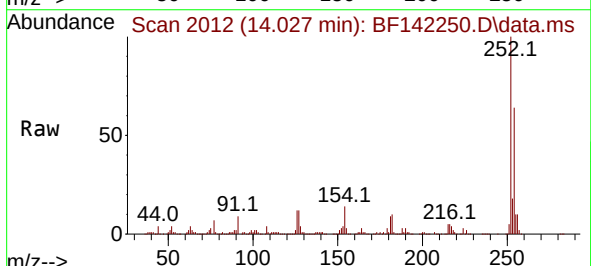
Tgt Ion:252 Resp: 323049

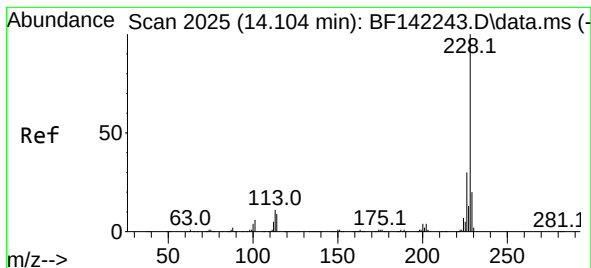
Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.6

126 12.0 9.4 14.2





#83

Chrysene

Concen: 42.445 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

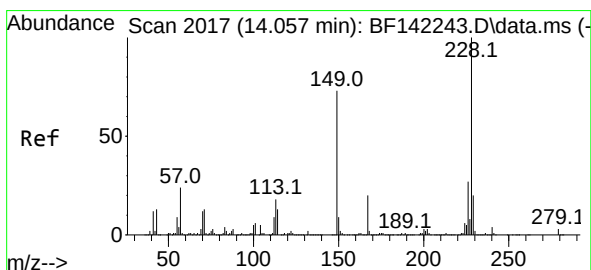
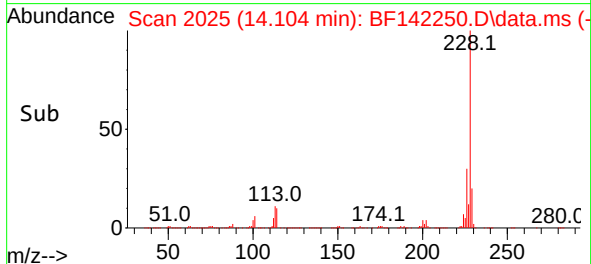
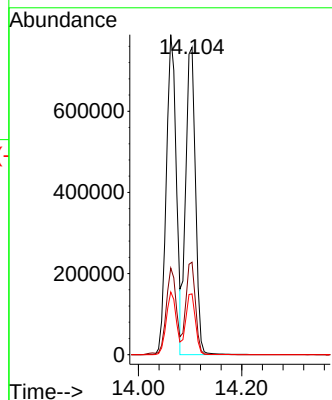
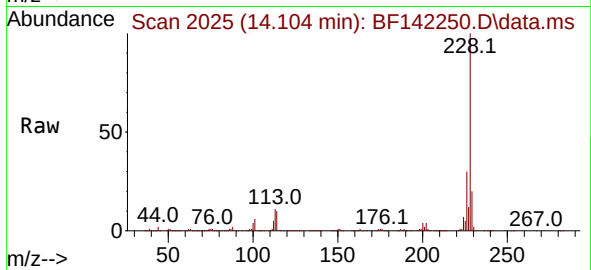
Tgt Ion:228 Resp: 997135

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.467 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

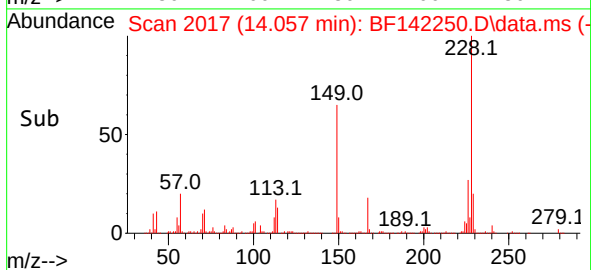
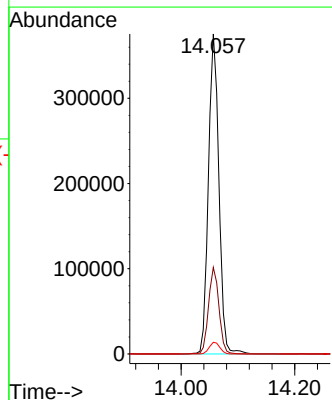
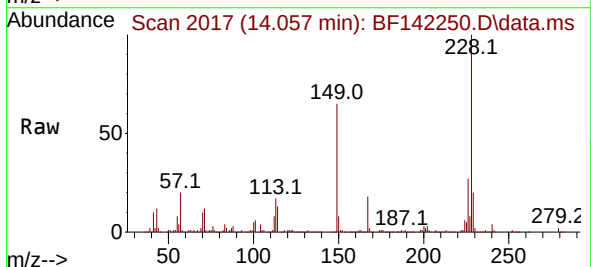
Tgt Ion:149 Resp: 477774

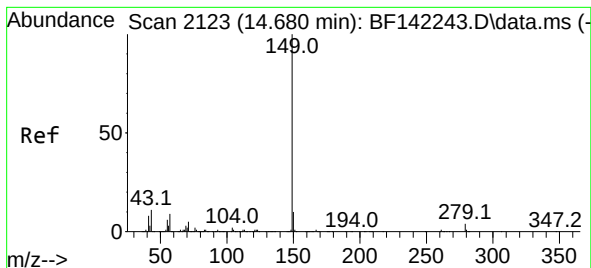
Ion Ratio Lower Upper

149 100

167 27.1 21.7 32.5

279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 33.845 ng

RT: 14.674 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

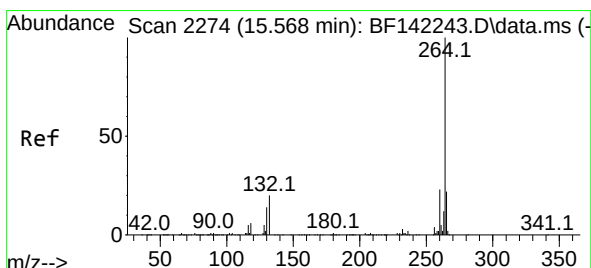
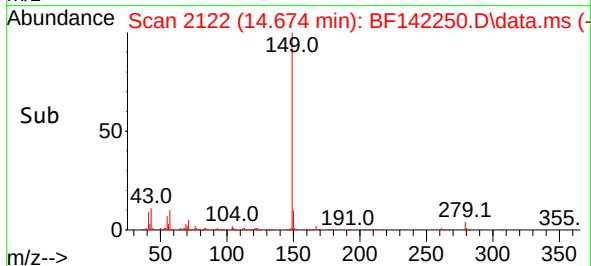
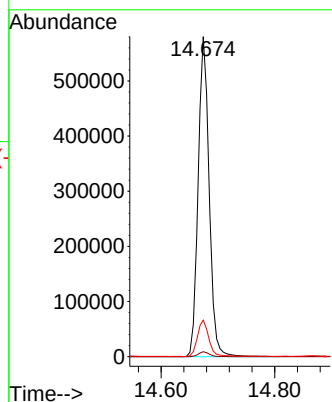
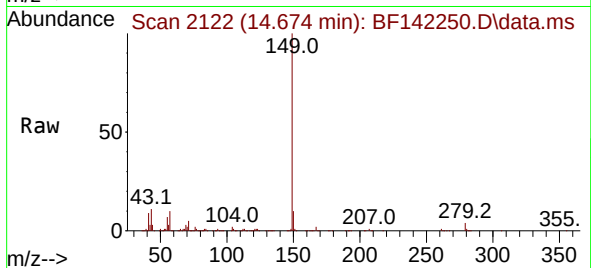
Tgt Ion:149 Resp: 782817

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.7 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

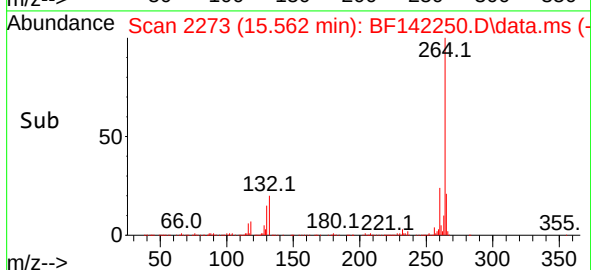
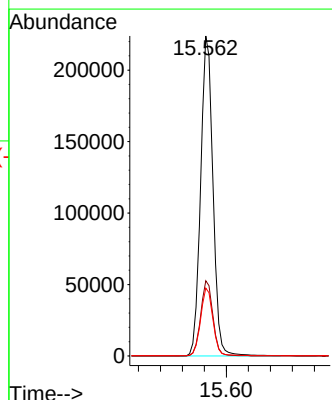
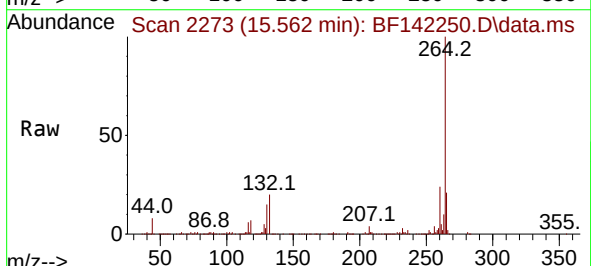
Tgt Ion:264 Resp: 349272

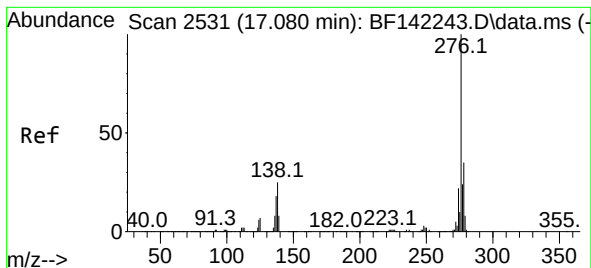
Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.864 ng

RT: 17.074 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

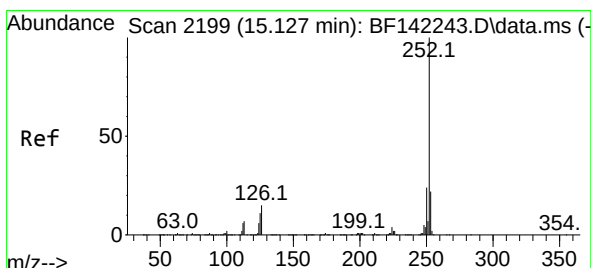
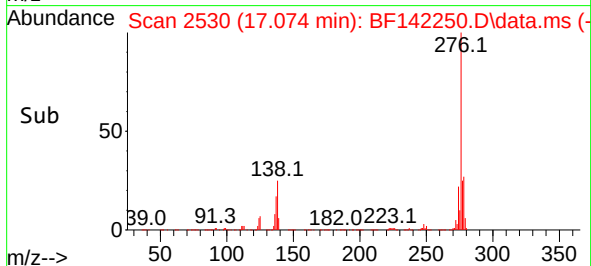
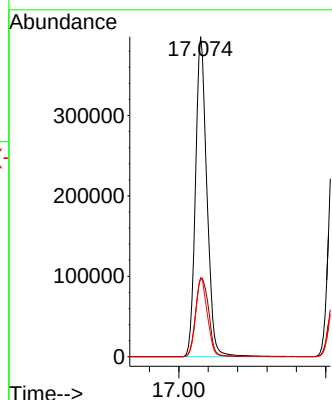
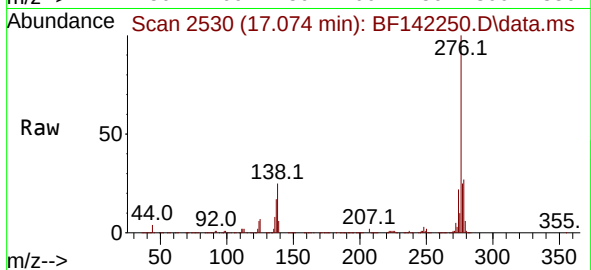
Tgt Ion:276 Resp: 1071010

Ion Ratio Lower Upper

276 100

138 28.3 22.6 33.8

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.998 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

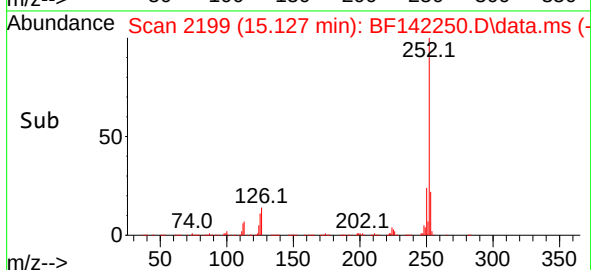
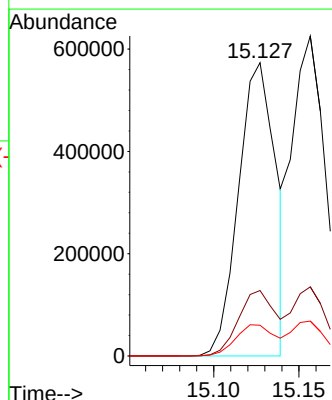
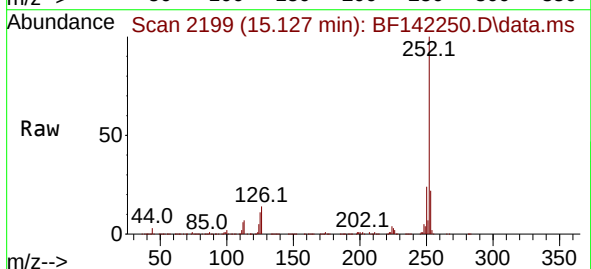
Tgt Ion:252 Resp: 867766

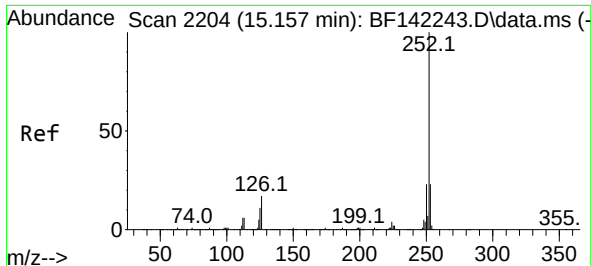
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.5 9.0 13.4

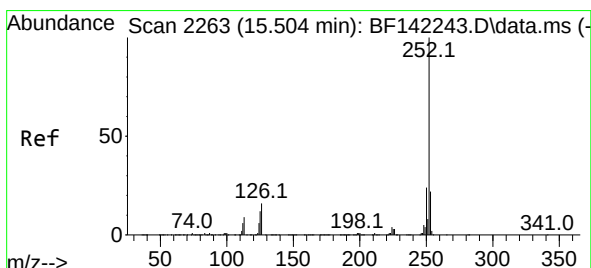
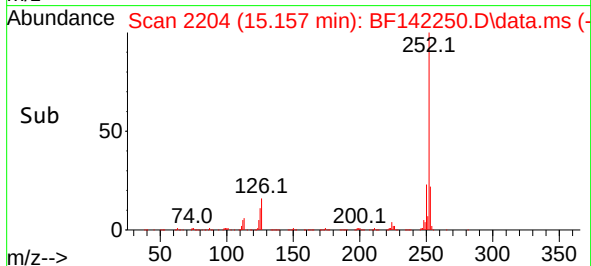
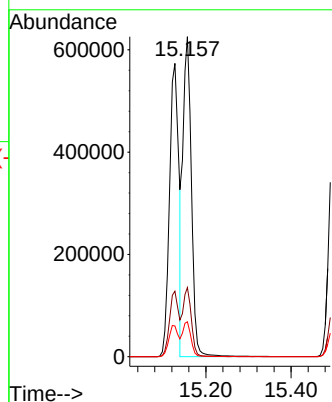
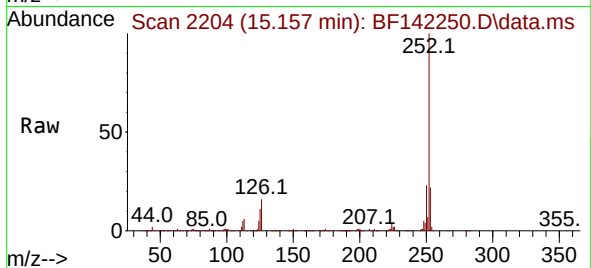




#89
Benzo(k)fluoranthene
Concen: 43.643 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

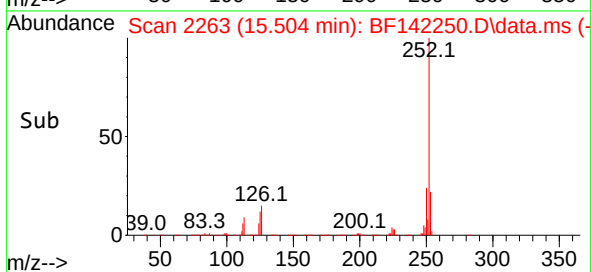
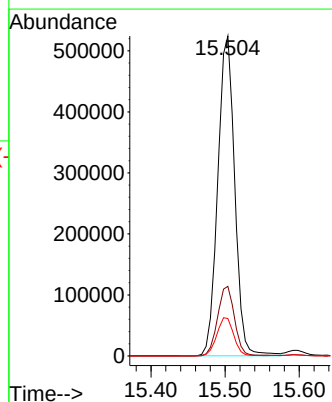
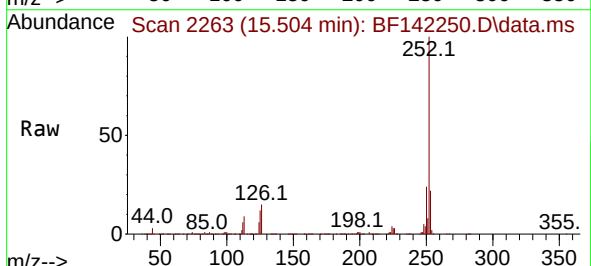
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

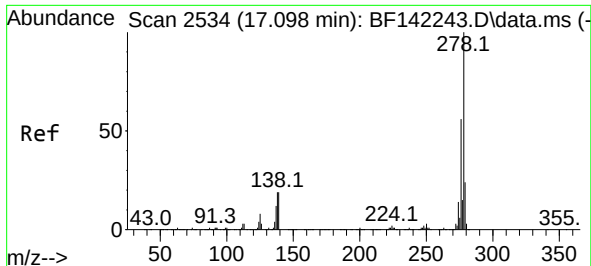
Tgt Ion:252 Resp: 866064
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 10.9 9.0 13.6



#90
Benzo(a)pyrene
Concen: 41.969 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:252 Resp: 833612
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.7 9.5 14.3

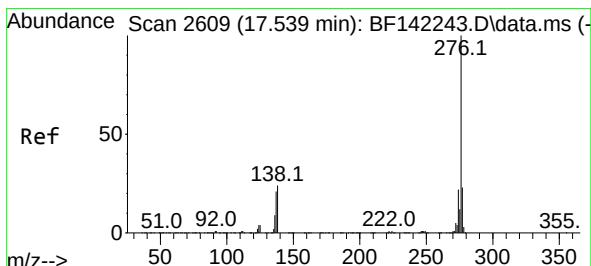
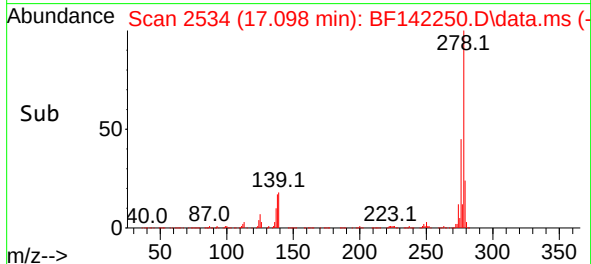
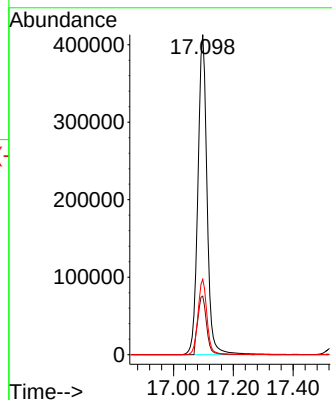
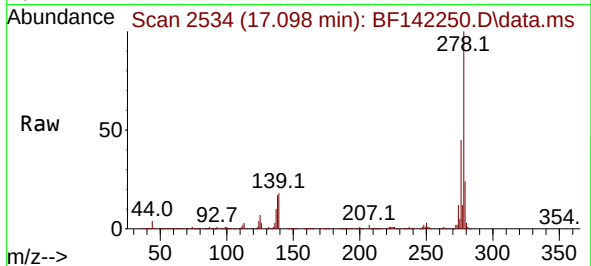




#91
Dibenzo(a,h)anthracene
Concen: 42.333 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 878980
Ion Ratio Lower Upper
278 100
139 18.3 15.2 22.8
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 41.848 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:276 Resp: 873517
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 24.3 19.4 29.0

