

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143350.D
 Acq On : 12 Aug 2025 12:38
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Aug 12 13:21:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	161665	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	625065	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	322984	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	448378	20.000	ng	0.00
76) Chrysene-d12	14.098	240	287871	20.000	ng	0.00
86) Perylene-d12	15.586	264	348017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1409194	150.735	ng	0.00
7) Phenol-d6	6.569	99	1792088	149.482	ng	0.00
23) Nitrobenzene-d5	7.498	82	1619091	161.306	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	411864	174.486	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2457872	129.045	ng	0.00
79) Terphenyl-d14	13.039	244	1935761	120.053	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	379076	78.360	ng	99
3) Pyridine	3.534	79	1042960	80.904	ng	98
4) n-Nitrosodimethylamine	3.493	42	494211	82.300	ng	99
6) Aniline	6.598	93	1263279	74.743	ng	95
8) 2-Chlorophenol	6.722	128	793255	79.409	ng	98
9) Benzaldehyde	6.481	77	406061	51.246	ng	99
10) Phenol	6.586	94	1037512	73.052	ng	76
11) bis(2-Chloroethyl)ether	6.669	93	798392	76.275	ng	100
12) 1,3-Dichlorobenzene	6.875	146	830769	72.101	ng	98
13) 1,4-Dichlorobenzene	6.951	146	837059	72.382	ng	99
14) 1,2-Dichlorobenzene	7.104	146	806180	73.439	ng	100
15) Benzyl Alcohol	7.075	79	697448	81.158	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1335184	71.450	ng	98
17) 2-Methylphenol	7.186	107	654221	77.585	ng	98
18) Hexachloroethane	7.445	117	286839	79.115	ng	99
19) n-Nitroso-di-n-propyla...	7.351	70	541387	73.083	ng	98
20) 3+4-Methylphenols	7.339	107	727332	71.322	ng	93
22) Acetophenone	7.345	105	952975	69.195	ng	97
24) Nitrobenzene	7.516	77	868093	79.634	ng	99
25) Isophorone	7.757	82	1574935	76.861	ng	99
26) 2-Nitrophenol	7.828	139	376225	83.229	ng	99
27) 2,4-Dimethylphenol	7.869	122	667248	78.052	ng	99
28) bis(2-Chloroethoxy)met...	7.957	93	921854	73.686	ng	99
29) 2,4-Dichlorophenol	8.075	162	654545	78.392	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	649172	73.707	ng	99
31) Naphthalene	8.239	128	2098892	69.783	ng	99
32) Benzoic acid	8.004	122	354618	78.960	ng	99
33) 4-Chloroaniline	8.280	127	816103	75.228	ng	99
34) Hexachlorobutadiene	8.357	225	403199	73.592	ng	100
35) Caprolactam	8.669	113	197571	84.172	ng	97
36) 4-Chloro-3-methylphenol	8.769	107	674001	77.000	ng	98
37) 2-Methylnaphthalene	8.927	142	1370352	69.303	ng	99
38) 1-Methylnaphthalene	9.027	142	1328881	69.780	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	644623	72.936	ng	100
41) Hexachlorocyclopentadiene	9.086	237	259048	82.835	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	437022	87.149	ng	100

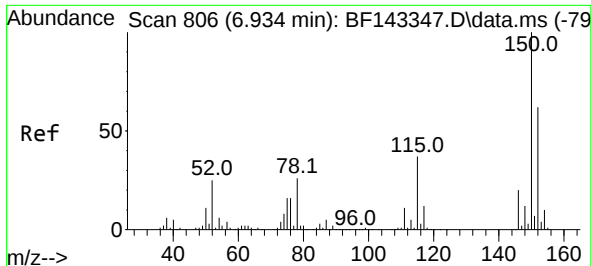
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	466807	82.433	ng	99
46) 1,1'-Biphenyl	9.392	154	1580379	69.203	ng	99
47) 2-Chloronaphthalene	9.416	162	1295723	72.042	ng	99
48) 2-Nitroaniline	9.510	65	426490	80.247	ng	98
49) Acenaphthylene	9.833	152	1865988	71.842	ng	100
50) Dimethylphthalate	9.686	163	1425124	75.513	ng	100
51) 2,6-Dinitrotoluene	9.751	165	294018	80.211	ng	95
52) Acenaphthene	10.004	154	1221046	70.714	ng	99
53) 3-Nitroaniline	9.922	138	343541	88.887	ng	98
54) 2,4-Dinitrophenol	10.027	184	118753	79.041	ng	# 84
55) Dibenzofuran	10.174	168	1738835	69.969	ng	98
56) 4-Nitrophenol	10.080	139	245374	79.477	ng	97
57) 2,4-Dinitrotoluene	10.151	165	383533	78.864	ng	97
58) Fluorene	10.522	166	1273759	67.103	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	349157	91.466	ng	98
60) Diethylphthalate	10.386	149	1258798	74.465	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	643793	70.191	ng	98
62) 4-Nitroaniline	10.533	138	312667	83.616	ng	98
63) Azobenzene	10.669	77	1376109	71.269	ng	98
65) 4,6-Dinitro-2-methylph...	10.569	198	162929	83.490	ng	93
66) n-Nitrosodiphenylamine	10.627	169	1124872	76.190	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	405148	79.007	ng	97
68) Hexachlorobenzene	11.074	284	431148	78.001	ng	96
69) Atrazine	11.151	200	309748	80.438	ng	99
70) Pentachlorophenol	11.263	266	218250	80.616	ng	97
71) Phenanthrene	11.480	178	1745493	71.351	ng	99
72) Anthracene	11.533	178	1758274	70.871	ng	100
73) Carbazole	11.686	167	1479652	70.029	ng	99
74) Di-n-butylphthalate	12.010	149	1398975	78.244	ng	100
75) Fluoranthene	12.668	202	1470742	68.634	ng	99
77) Benzidine	12.786	184	500314	63.571	ng	98
78) Pyrene	12.898	202	1513789	62.684	ng	99
80) Butylbenzylphthalate	13.510	149	413801	84.007	ng	98
81) Benzo(a)anthracene	14.086	228	1387766	75.847	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	412736	83.540	ng	99
83) Chrysene	14.121	228	1263816	74.077	ng	98
84) Bis(2-ethylhexyl)phtha...	14.068	149	611031	83.803	ng	98
85) Di-n-octyl phthalate	14.680	149	1205873	81.478	ng	98
87) Indeno(1,2,3-cd)pyrene	17.121	276	1963736	78.760	ng	99
88) Benzo(b)fluoranthene	15.151	252	1467752	77.108	ng	99
89) Benzo(k)fluoranthene	15.180	252	1429731	77.299	ng	99
90) Benzo(a)pyrene	15.527	252	1403212	78.270	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	1523387	76.479	ng	99
92) Benzo(g,h,i)perylene	17.580	276	1563773	77.932	ng	99

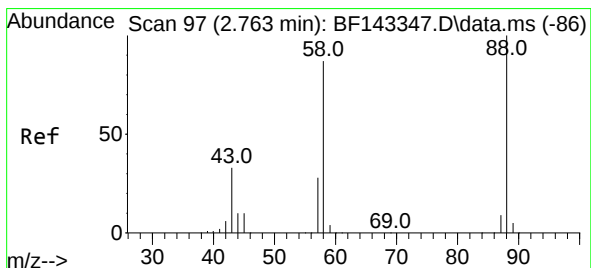
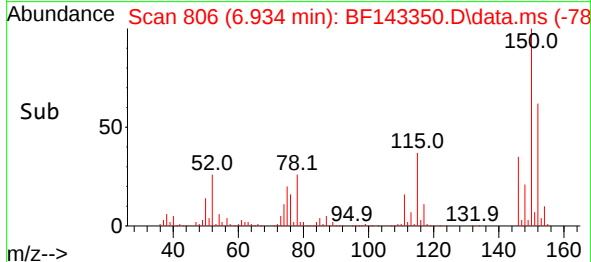
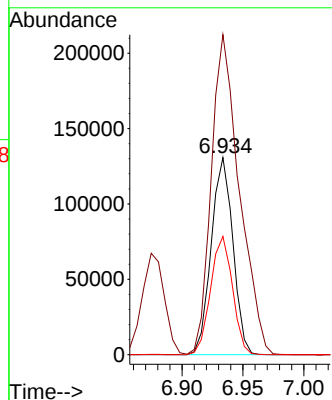
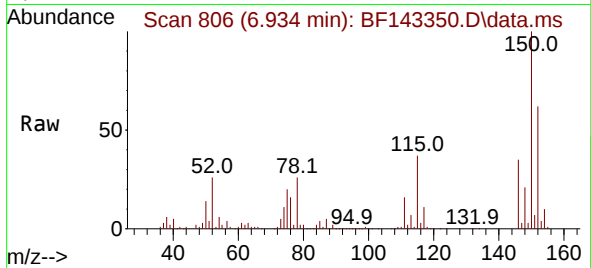
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143350.D
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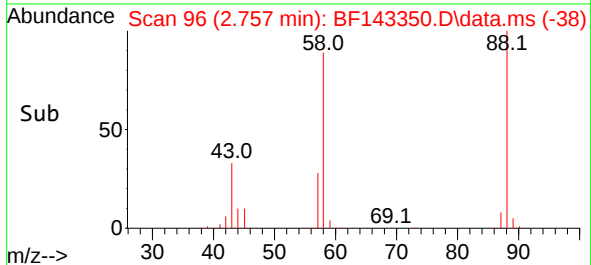
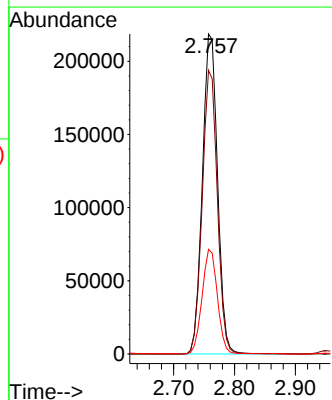
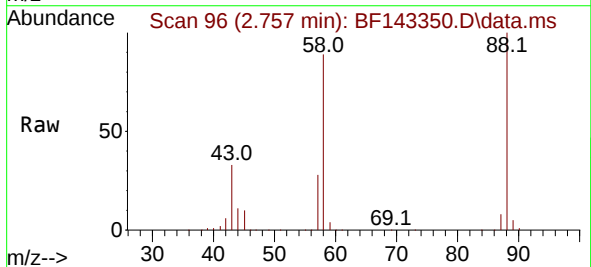
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

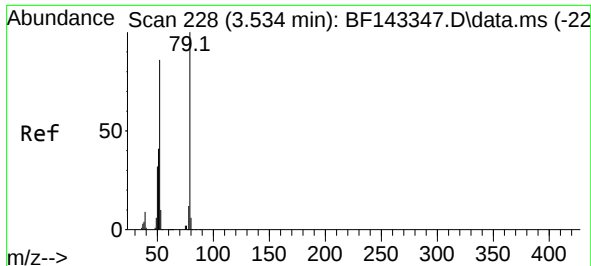
Tgt Ion:152 Resp: 161665
 Ion Ratio Lower Upper
 152 100
 150 162.4 129.8 194.8
 115 60.0 47.8 71.8



#2
 1,4-Dioxane
 Concen: 78.360 ng
 RT: 2.757 min Scan# 96
 Delta R.T. -0.006 min
 Lab File: BF143350.D
 Acq: 12 Aug 2025 12:38

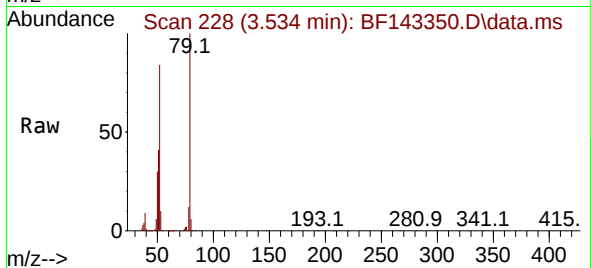
Tgt Ion: 88 Resp: 379076
 Ion Ratio Lower Upper
 88 100
 58 88.3 71.0 106.6
 43 33.1 27.0 40.6



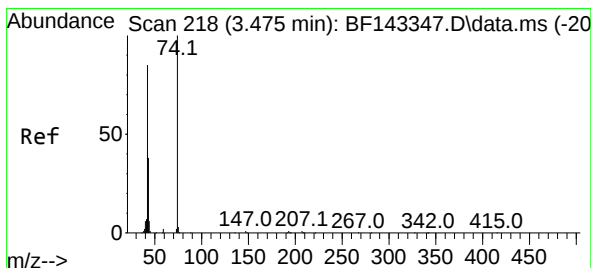
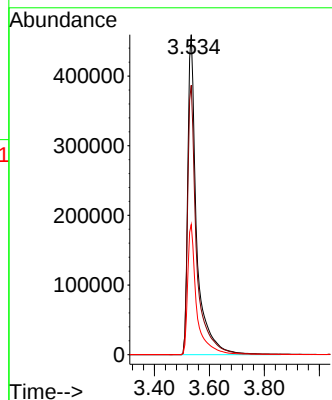
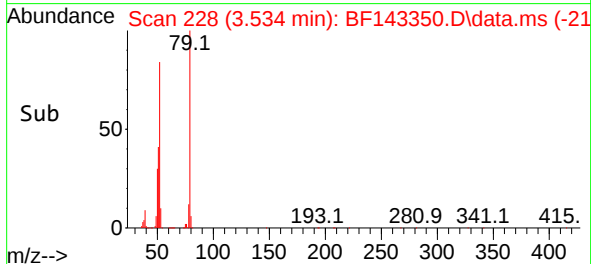


#3
Pyridine
Concen: 80.904 ng
RT: 3.534 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

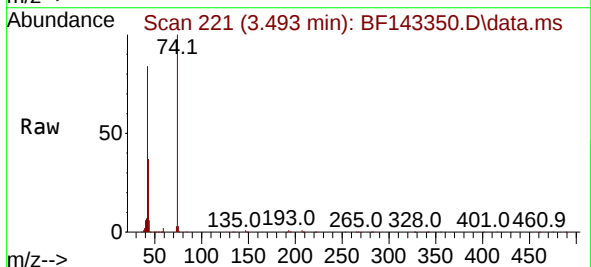
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ClientSampleId :
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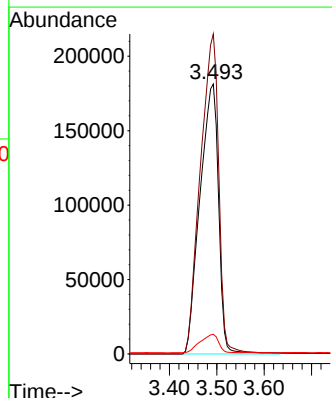
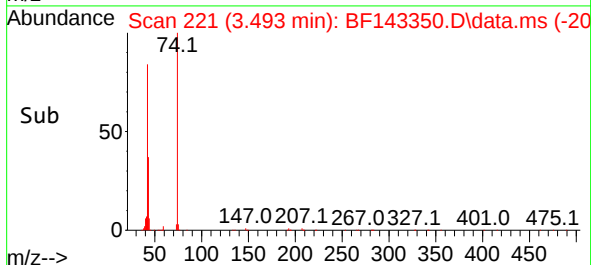
Tgt Ion: 79 Resp: 1042960
Ion Ratio Lower Upper
79 100
52 84.2 68.7 103.1
51 40.7 33.4 50.0

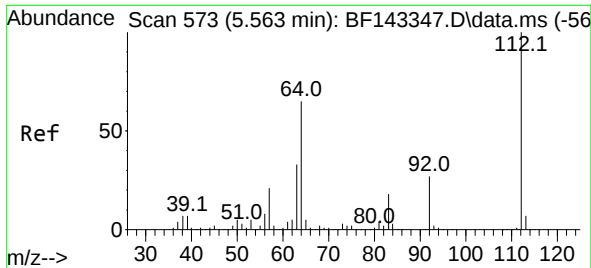


#4
n-Nitrosodimethylamine
Concen: 82.300 ng
RT: 3.493 min Scan# 221
Delta R.T. 0.017 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38



Tgt Ion: 42 Resp: 494211
Ion Ratio Lower Upper
42 100
74 118.6 94.1 141.1
44 7.3 6.5 9.7

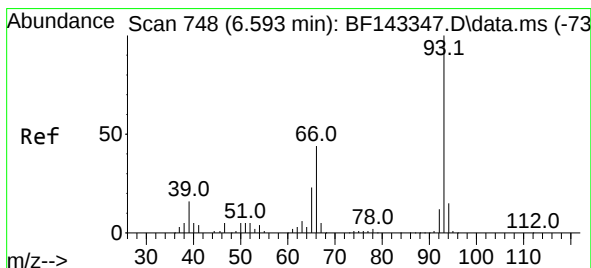
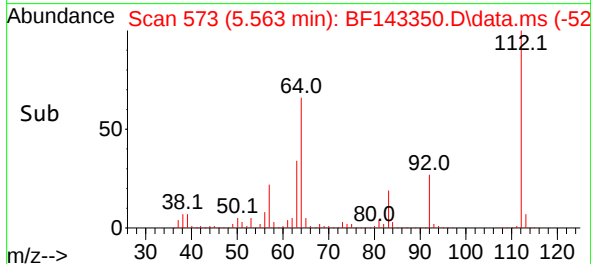
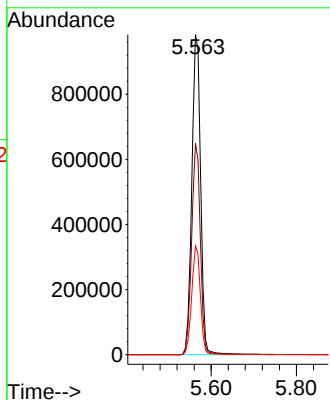
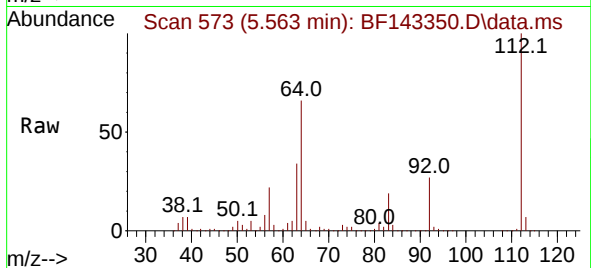




#5
2-Fluorophenol
Concen: 150.735 ng
RT: 5.563 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

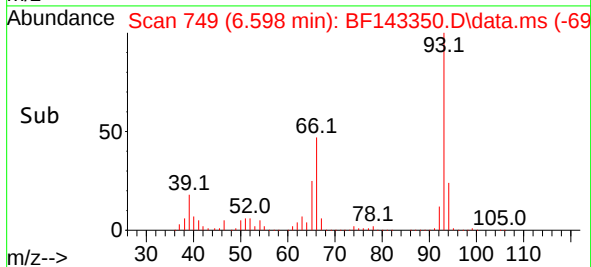
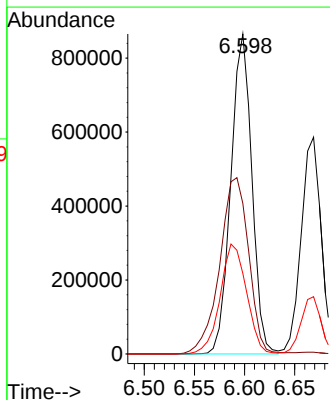
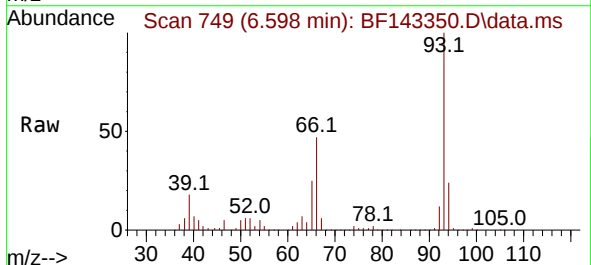
Instrument :
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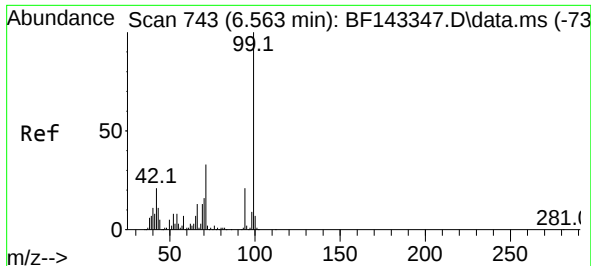
Tgt Ion:112 Resp: 1409194
Ion Ratio Lower Upper
112 100
64 66.1 52.1 78.1
63 34.0 26.6 39.8



#6
Aniline
Concen: 74.743 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 93 Resp: 1263279
Ion Ratio Lower Upper
93 100
66 47.1 35.3 52.9
65 25.2 18.2 27.4



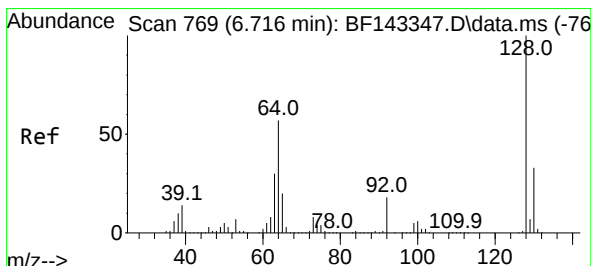
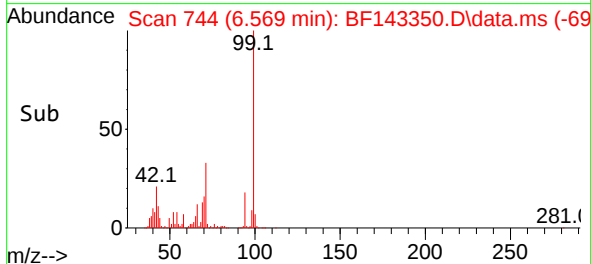
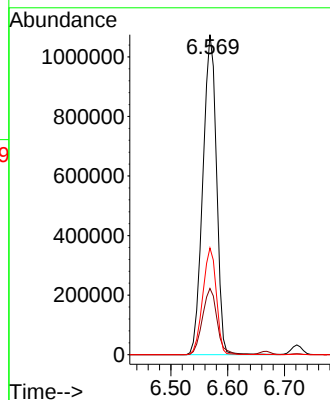
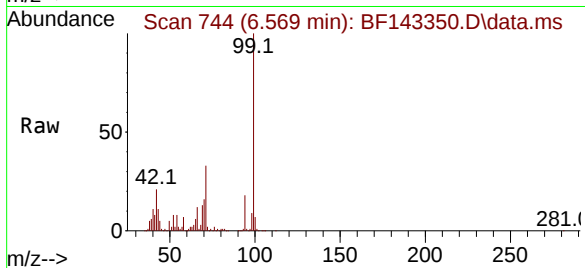


#7
Phenol-d6
Concen: 149.482 ng
RT: 6.569 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 1792088

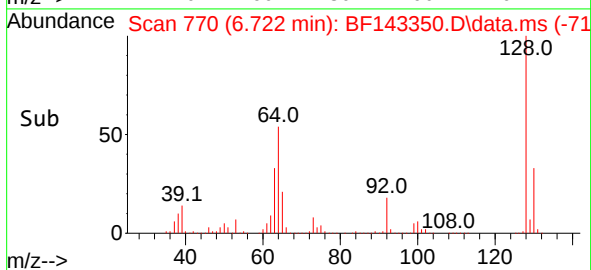
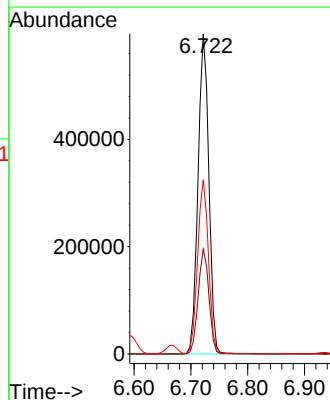
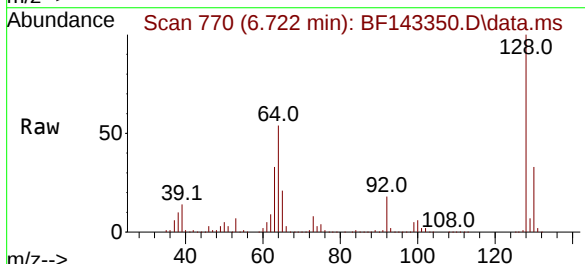
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	25.0
71	33.4	26.2	39.2

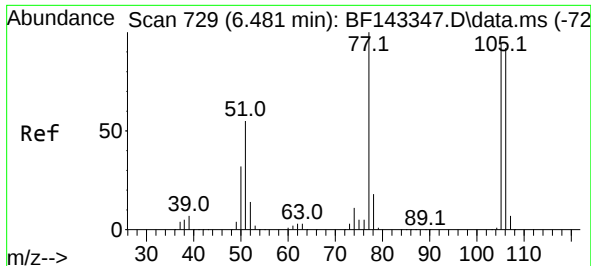


#8
2-Chlorophenol
Concen: 79.409 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 128 Resp: 793255

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	54.5	36.7	76.7





#9

Benzaldehyde

Concen: 51.246 ng

RT: 6.481 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

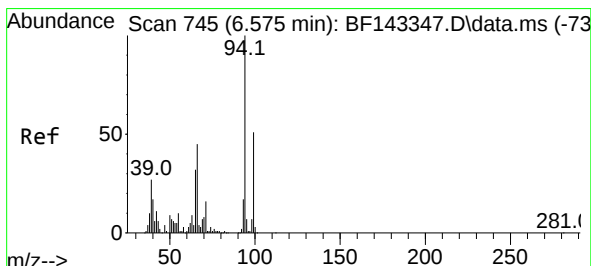
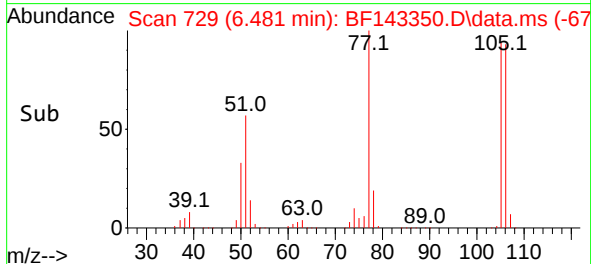
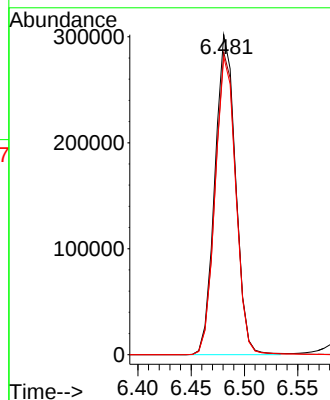
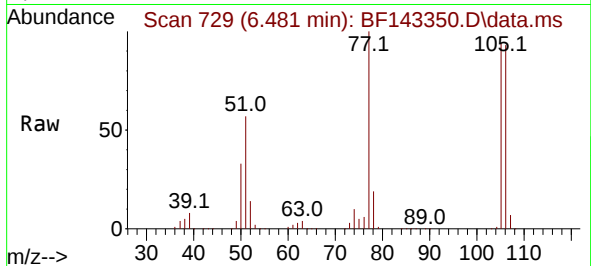
Tgt Ion: 77 Resp: 406061

Ion Ratio Lower Upper

77 100

105 94.4 74.2 114.2

106 93.0 72.2 112.2



#10

Phenol

Concen: 73.052 ng

RT: 6.586 min Scan# 747

Delta R.T. 0.012 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

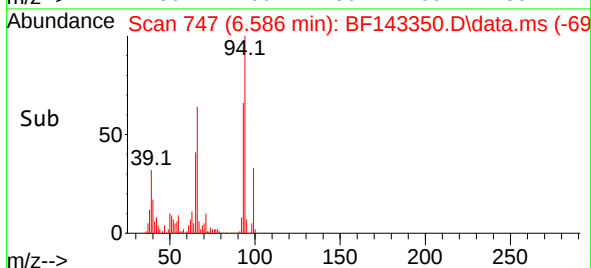
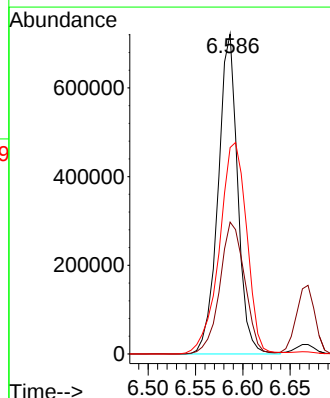
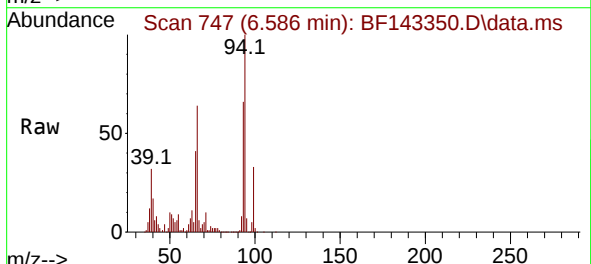
Tgt Ion: 94 Resp: 1037512

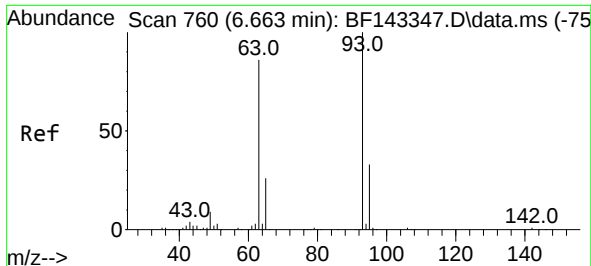
Ion Ratio Lower Upper

94 100

65 41.2 12.0 52.0

66 64.5 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 76.275 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

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SSTDICC080

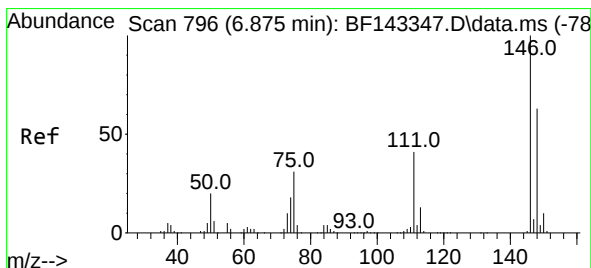
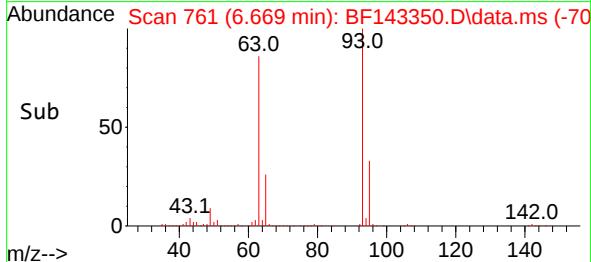
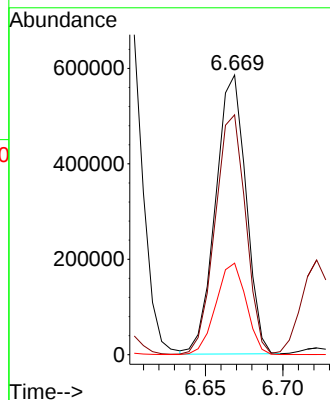
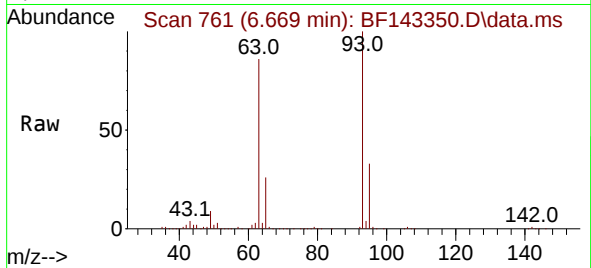
Tgt Ion: 93 Resp: 798392

Ion Ratio Lower Upper

93 100

63 85.7 65.7 105.7

95 32.7 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 72.101 ng

RT: 6.875 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

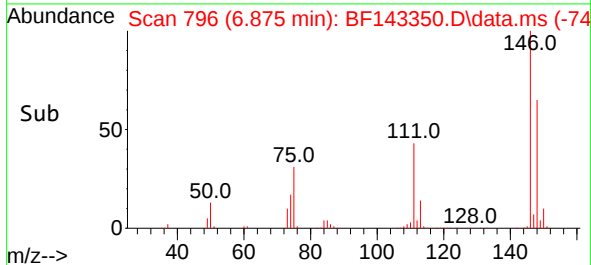
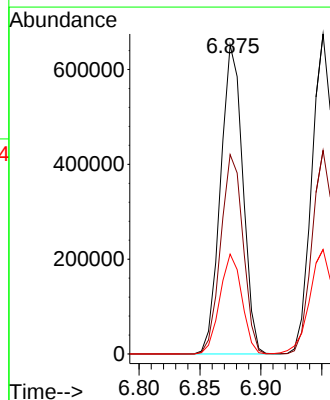
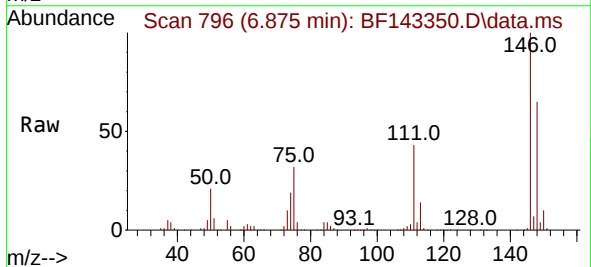
Tgt Ion: 146 Resp: 830769

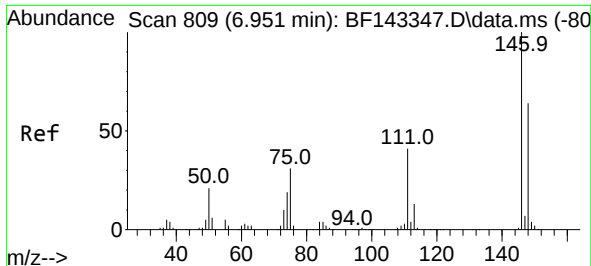
Ion Ratio Lower Upper

146 100

148 64.5 50.5 75.7

75 32.3 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 72.382 ng

RT: 6.951 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

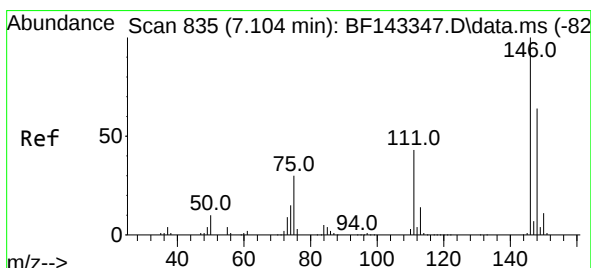
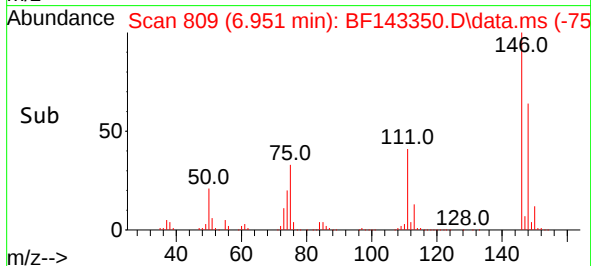
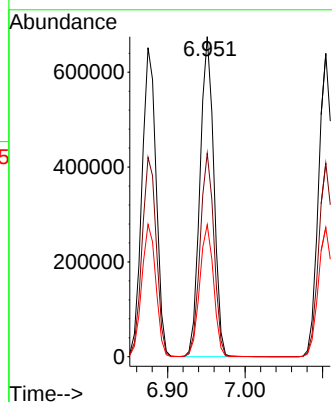
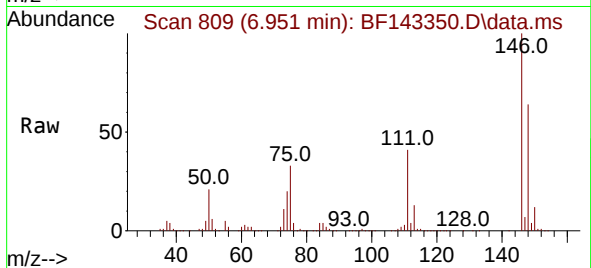
Tgt Ion:146 Resp: 837059

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 41.3 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 73.439 ng

RT: 7.104 min Scan# 835

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

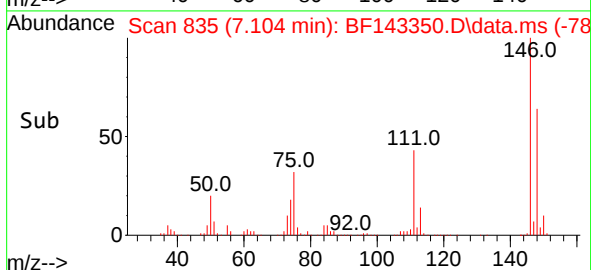
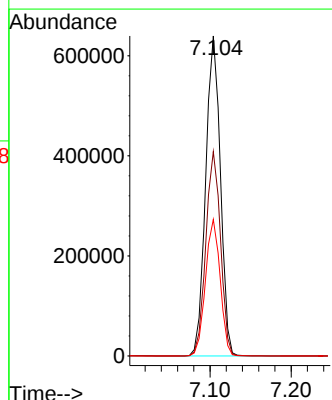
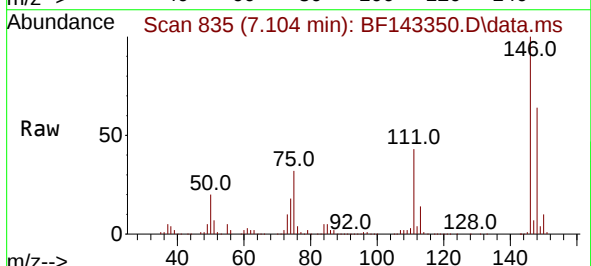
Tgt Ion:146 Resp: 806180

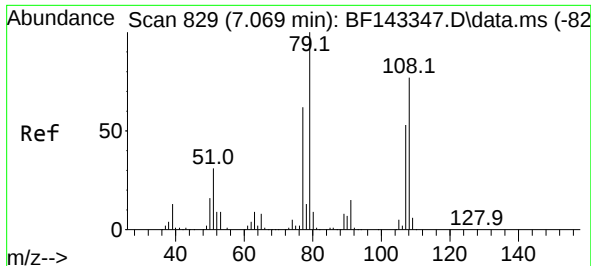
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

111 42.7 34.1 51.1

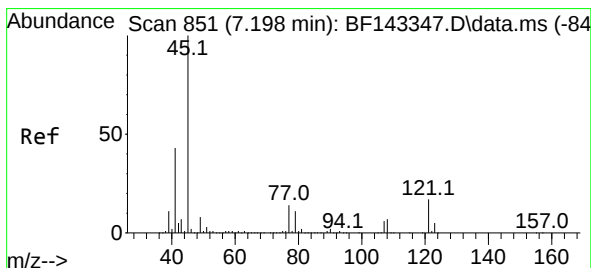
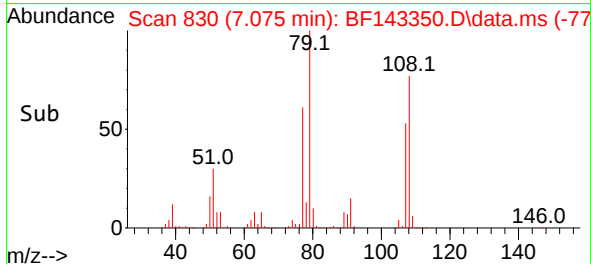
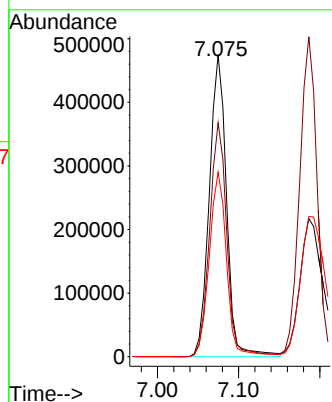
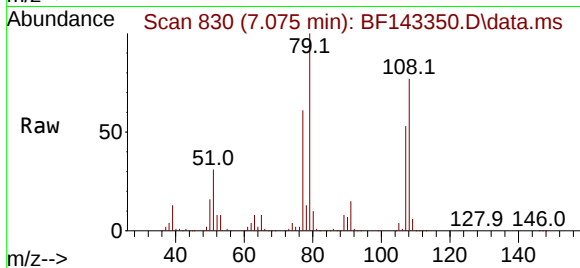




#15
Benzyl Alcohol
Concen: 81.158 ng
RT: 7.075 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

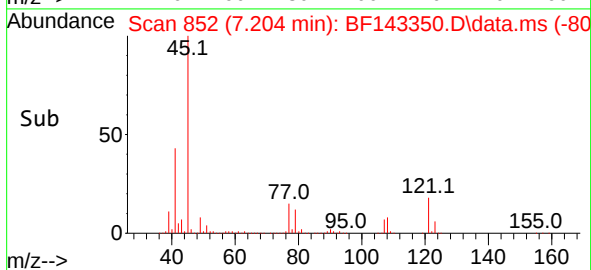
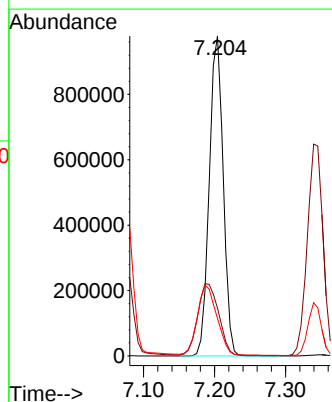
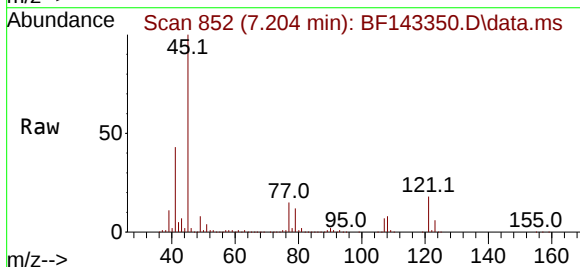
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

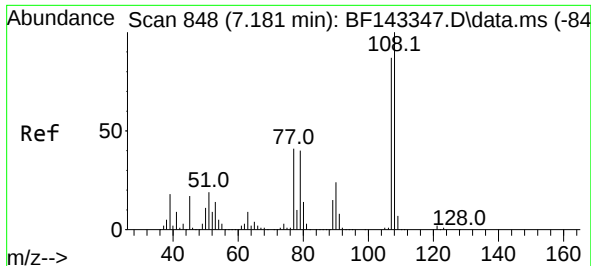
Tgt Ion: 79 Resp: 697448
Ion Ratio Lower Upper
79 100
108 77.5 61.5 92.3
77 61.1 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.450 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 45 Resp: 1335184
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.0
79 11.8 0.0 31.1

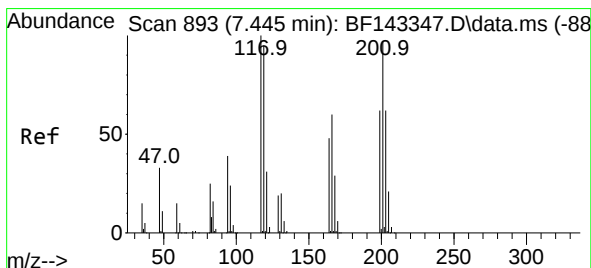
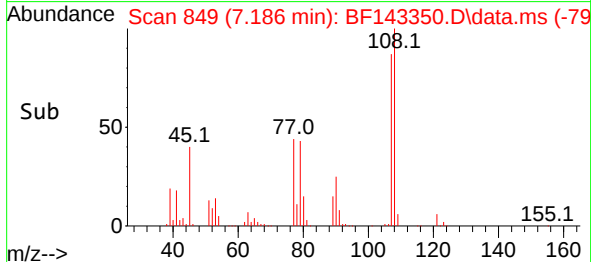
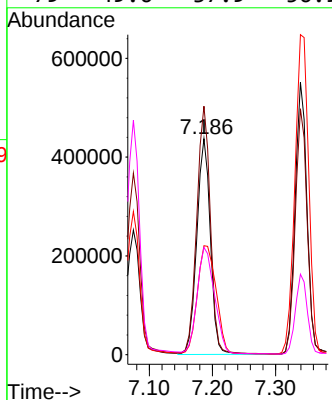
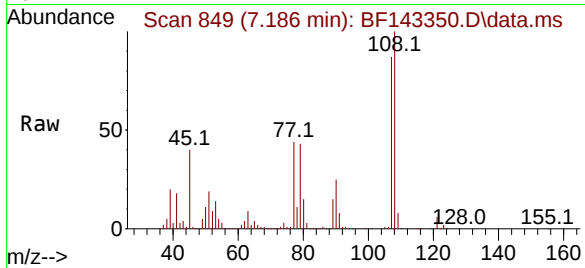




#17
2-Methylphenol
Concen: 77.585 ng
RT: 7.186 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

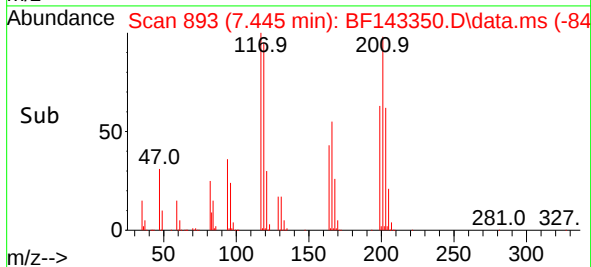
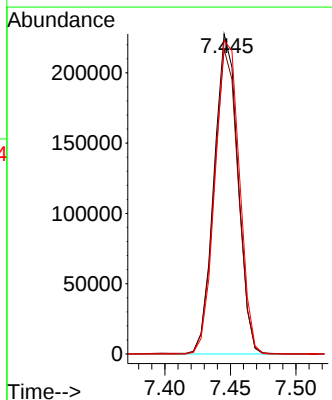
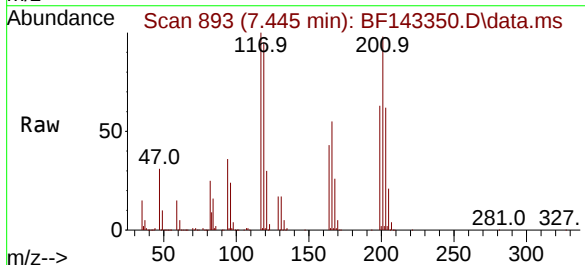
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

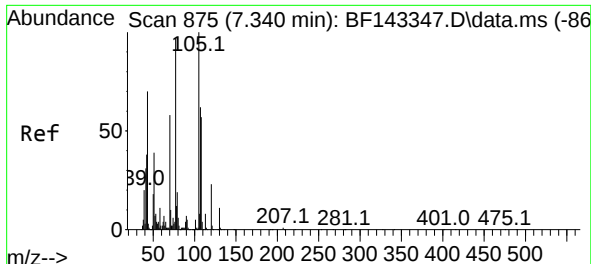
Tgt Ion:107 Resp: 654221
Ion Ratio Lower Upper
107 100
108 115.0 92.0 138.0
77 50.5 38.2 57.2
79 49.6 37.9 56.9



#18
Hexachloroethane
Concen: 79.115 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:117 Resp: 286839
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 98.0 77.2 115.8

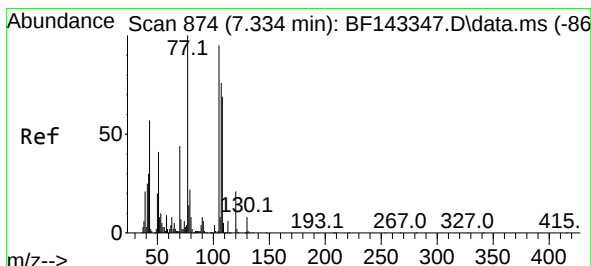
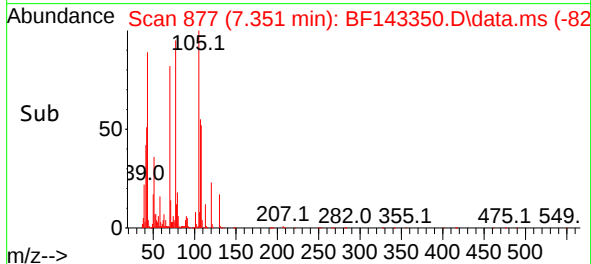
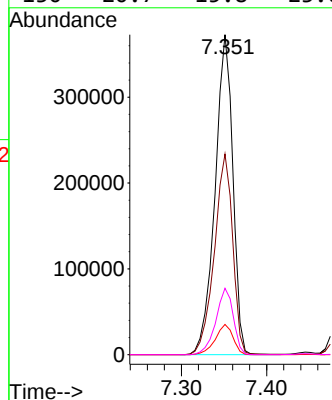
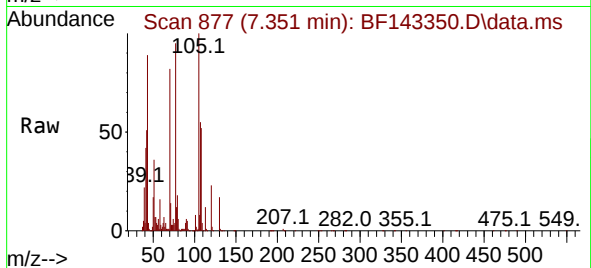




#19
n-Nitroso-di-n-propylamine
Concen: 73.083 ng
RT: 7.351 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

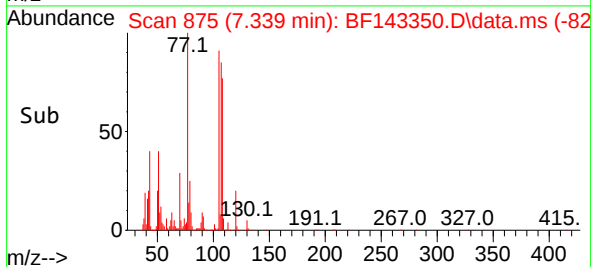
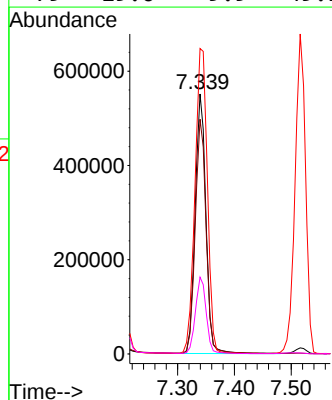
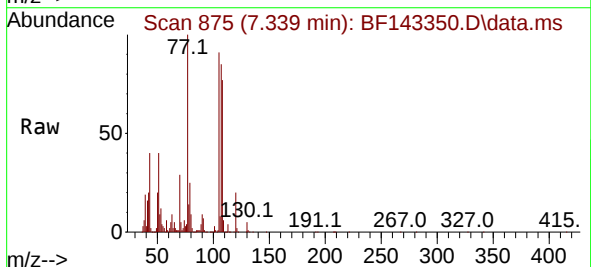
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

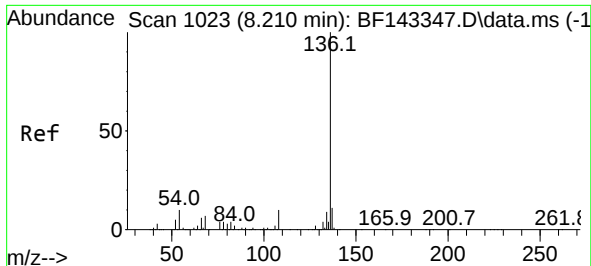
Tgt Ion: 70 Resp: 541387
Ion Ratio Lower Upper
70 100
42 62.7 51.6 77.4
101 9.4 7.5 11.3
130 20.7 15.8 23.6



#20
3+4-Methylphenols
Concen: 71.322 ng
RT: 7.339 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 107 Resp: 727332
Ion Ratio Lower Upper
107 100
108 90.3 70.6 110.6
77 117.5 112.0 152.0
79 29.6 9.9 49.9

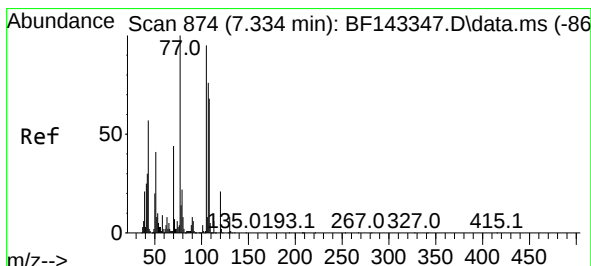
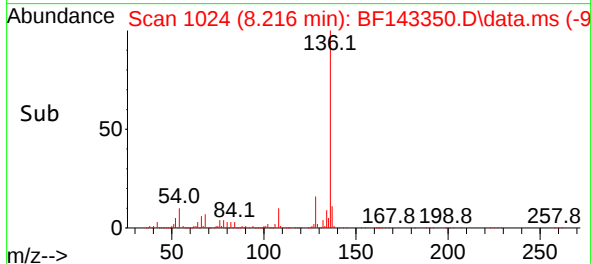
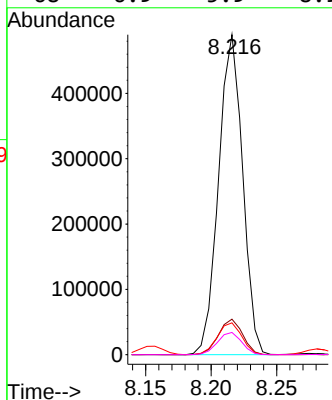
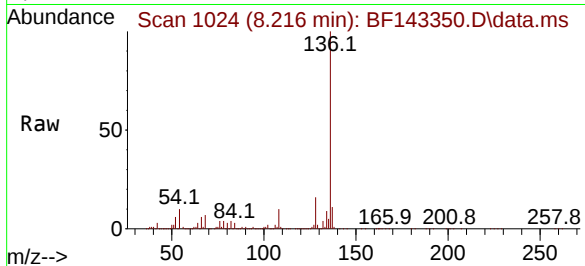




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

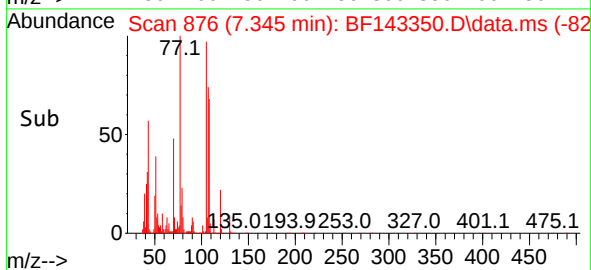
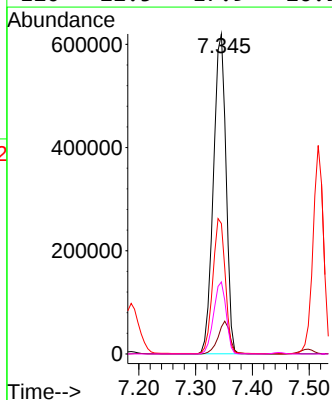
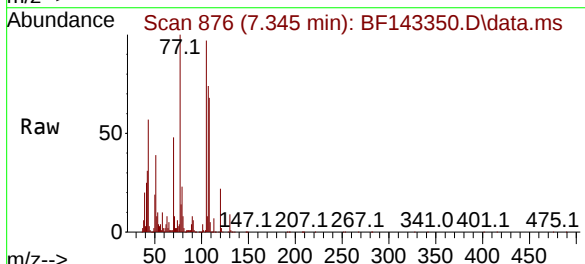
Instrument :
BNA_F
ClientSampleId :
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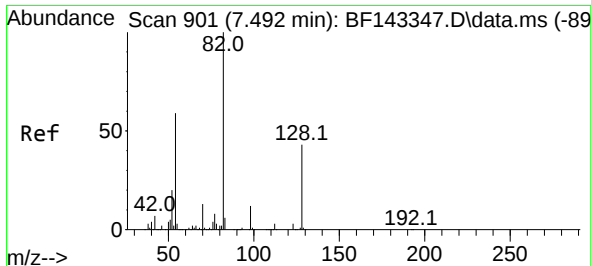
Tgt Ion:	136	Resp:	625065
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	10.0	8.4	12.6
68	6.9	5.9	8.9



#22
Acetophenone
Concen: 69.195 ng
RT: 7.345 min Scan# 876
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:	105	Resp:	952975
Ion Ratio	Lower	Upper	
105	100		
71	8.4	6.2	9.4
51	40.7	34.8	52.2
120	22.5	17.9	26.9

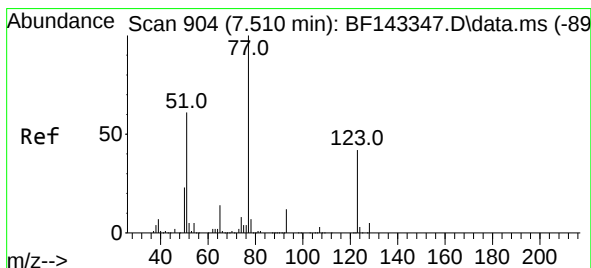
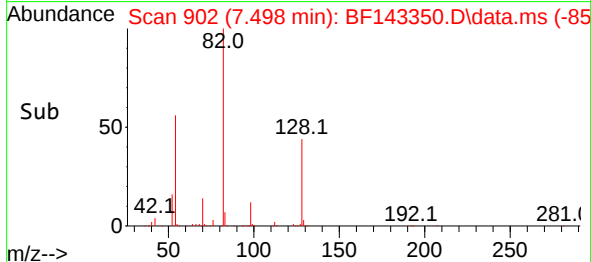
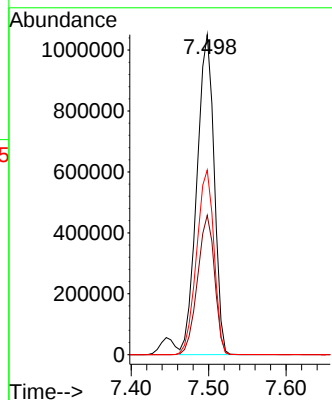
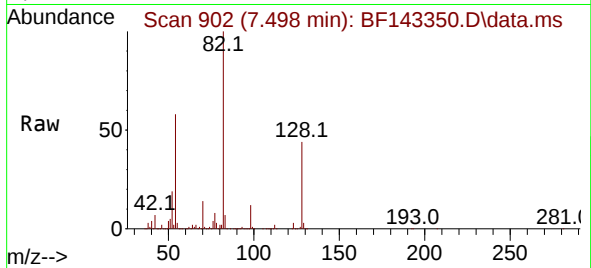




#23
Nitrobenzene-d5
Concen: 161.306 ng
RT: 7.498 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

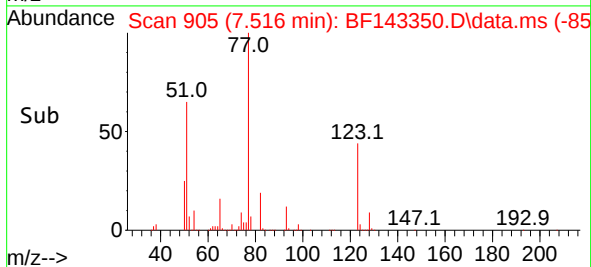
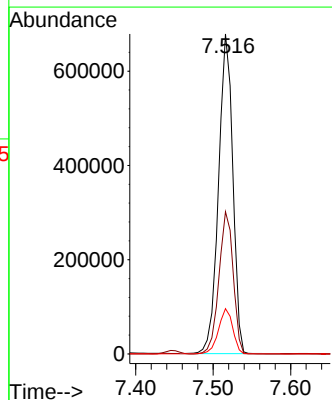
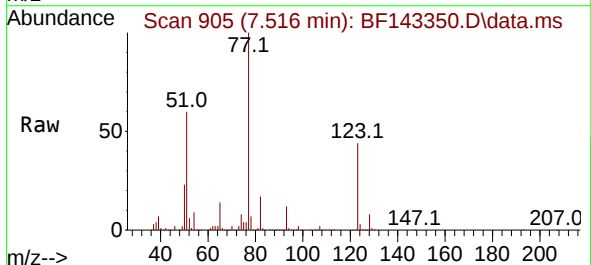
Instrument :
BNA_F
ClientSampleId :
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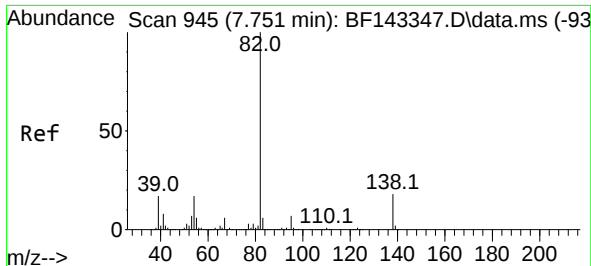
Tgt Ion: 82 Resp: 1619091
Ion Ratio Lower Upper
82 100
128 43.6 33.5 50.3
54 57.7 46.7 70.1



#24
Nitrobenzene
Concen: 79.634 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 77 Resp: 868093
Ion Ratio Lower Upper
77 100
123 44.4 34.8 52.2
65 14.1 11.0 16.6

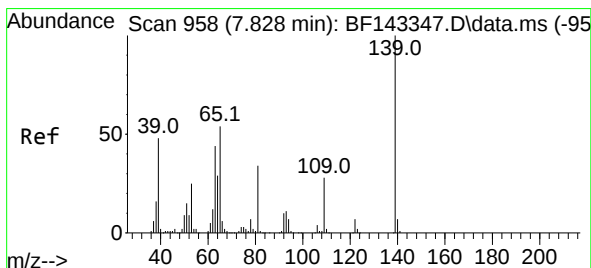
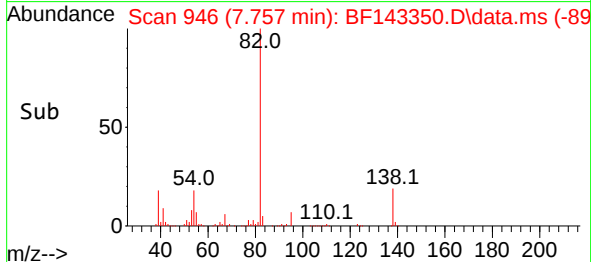
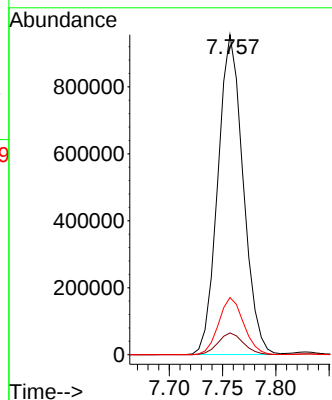
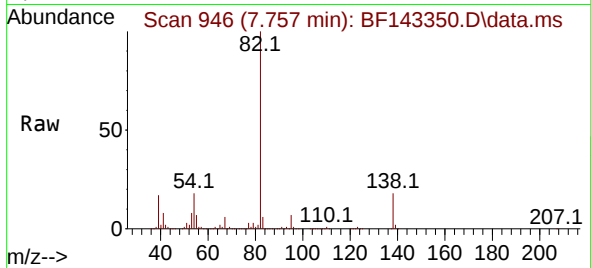




#25
Isophorone
Concen: 76.861 ng
RT: 7.757 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

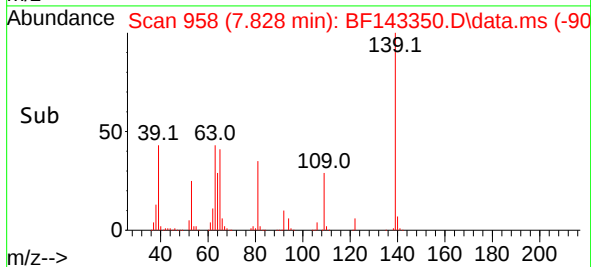
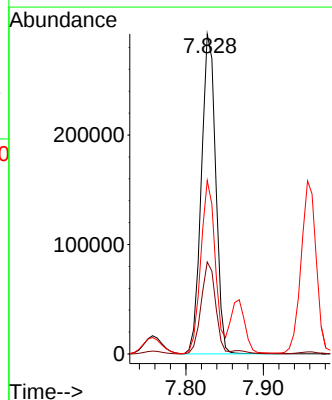
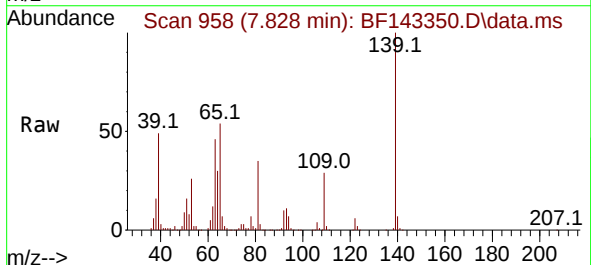
Instrument :
BNA_F
ClientSampleId :
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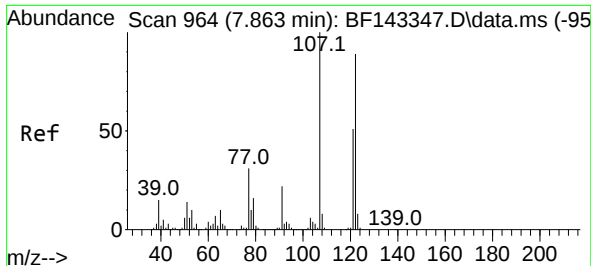
Tgt Ion: 82 Resp: 1574935
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.8 14.6 21.8



#26
2-Nitrophenol
Concen: 83.229 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:139 Resp: 376225
Ion Ratio Lower Upper
139 100
109 28.8 22.4 33.6
65 54.2 42.9 64.3

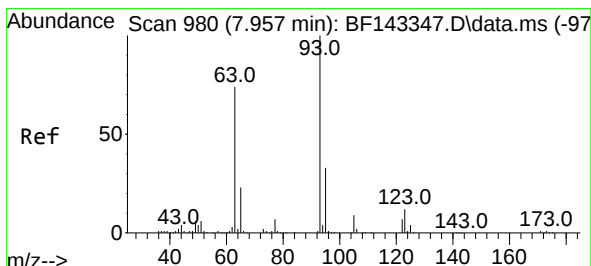
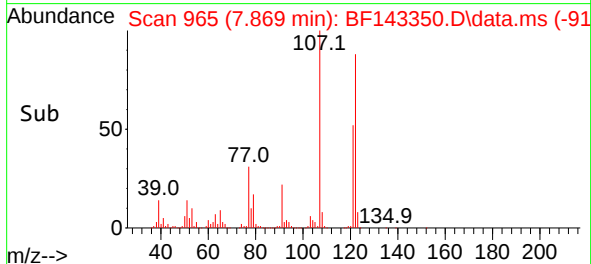
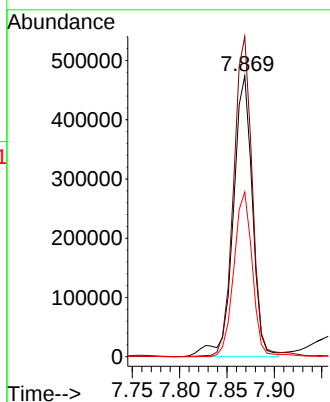
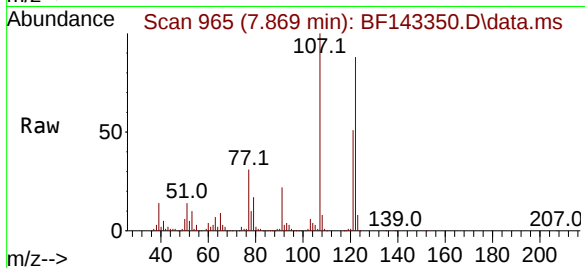




#27
2,4-Dimethylphenol
Concen: 78.052 ng
RT: 7.869 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

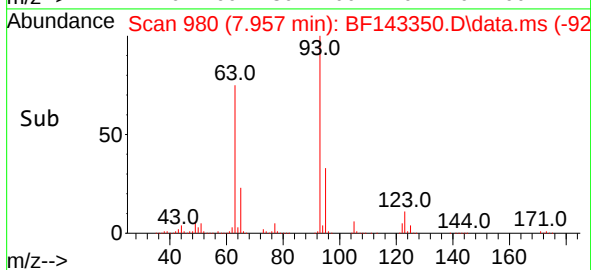
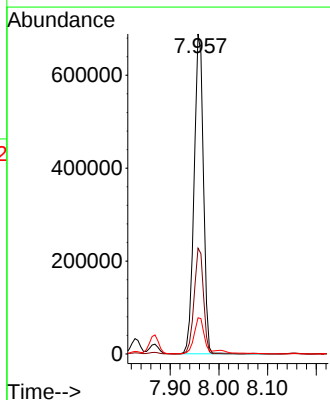
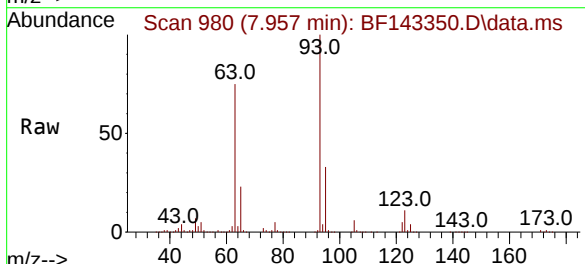
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

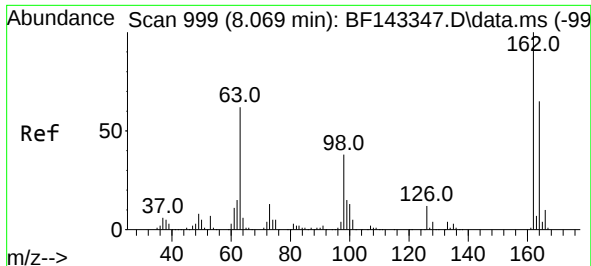
Tgt Ion:122 Resp: 667248
Ion Ratio Lower Upper
122 100
107 114.0 89.9 134.9
121 58.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 73.686 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 93 Resp: 921854
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 11.3 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 78.392 ng

RT: 8.075 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

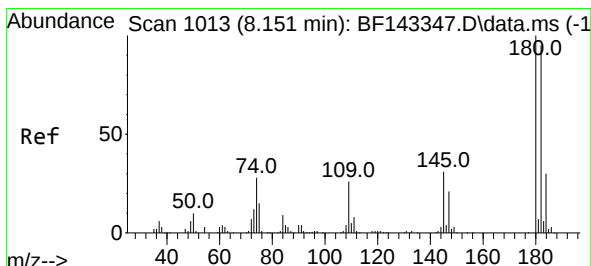
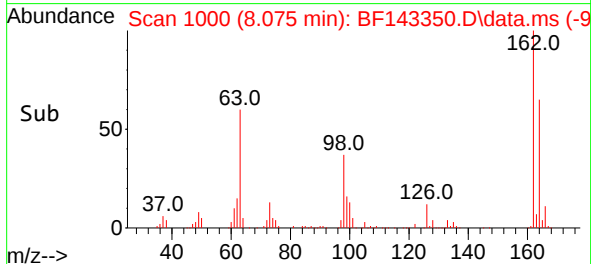
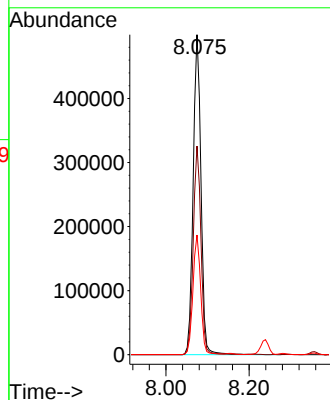
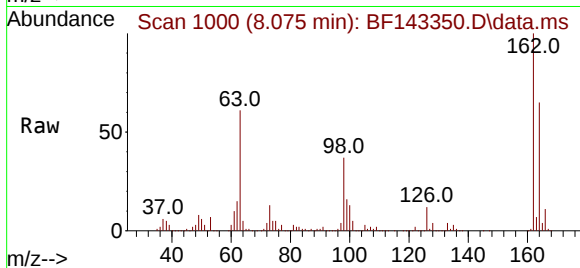
Tgt Ion:162 Resp: 654545

Ion Ratio Lower Upper

162 100

164 65.2 44.5 84.5

98 37.4 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 73.707 ng

RT: 8.157 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

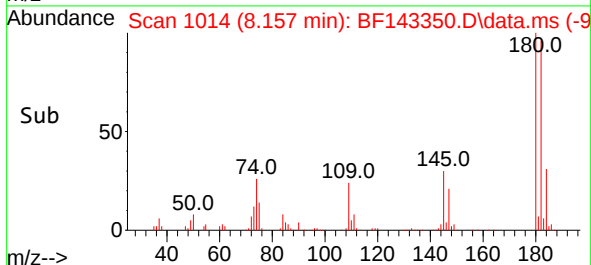
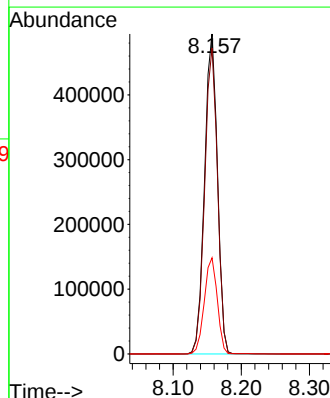
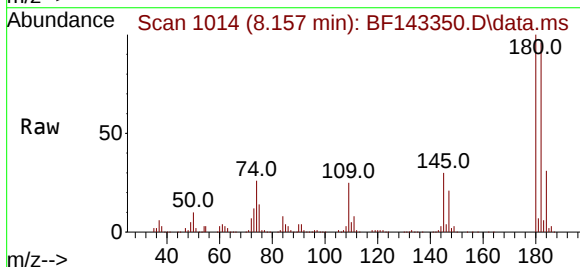
Tgt Ion:180 Resp: 649172

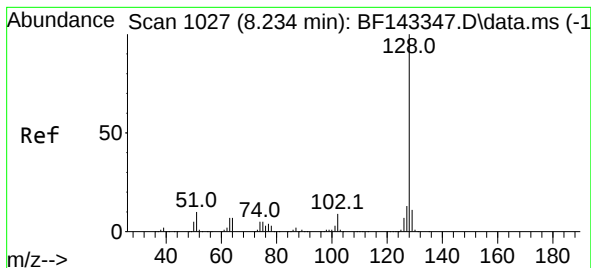
Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 30.0 24.9 37.3





#31

Naphthalene

Concen: 69.783 ng

RT: 8.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

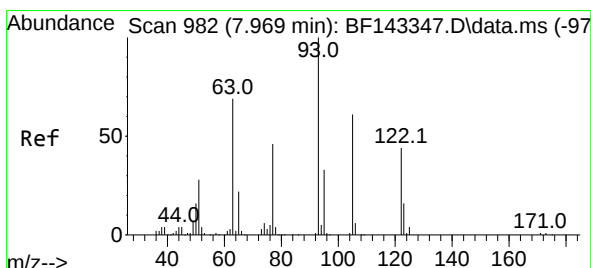
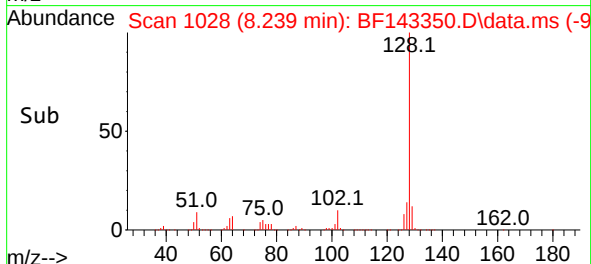
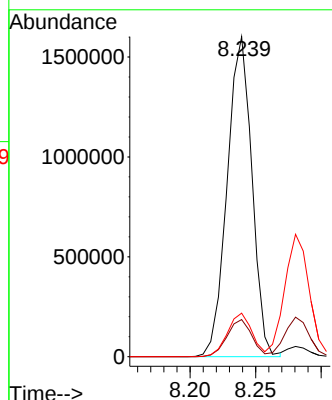
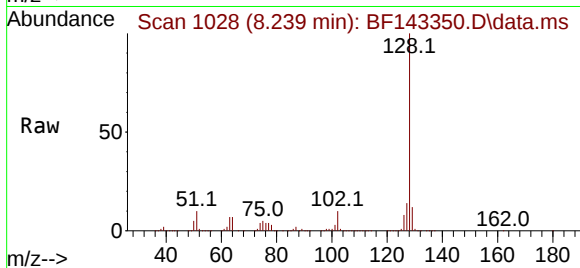
Tgt Ion:128 Resp: 2098892

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 78.960 ng

RT: 8.004 min Scan# 988

Delta R.T. 0.035 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

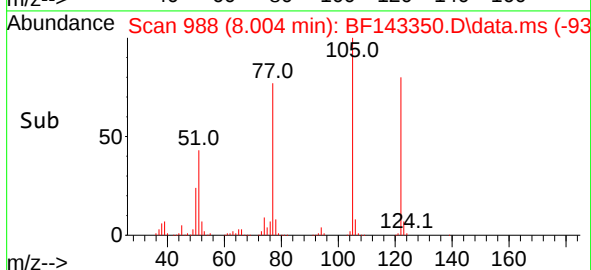
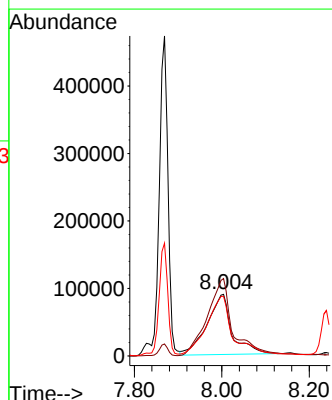
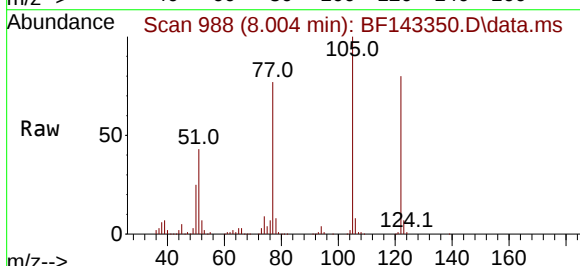
Tgt Ion:122 Resp: 354618

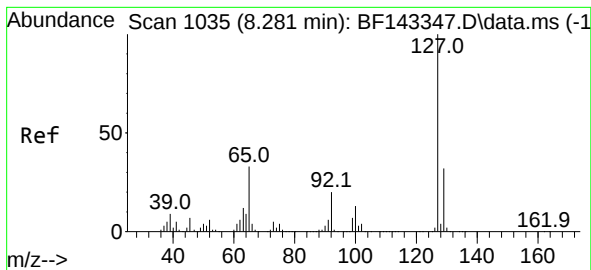
Ion Ratio Lower Upper

122 100

105 125.6 106.4 146.4

77 97.0 79.2 119.2

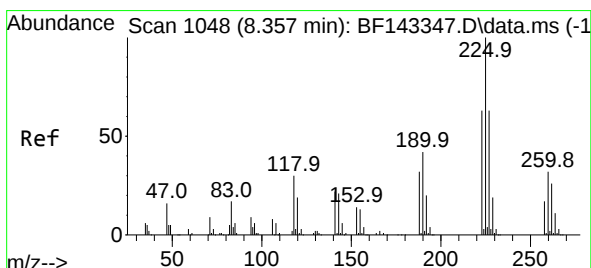
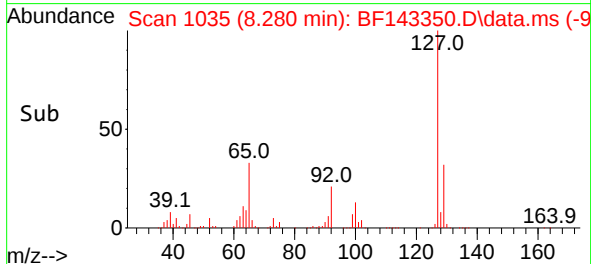
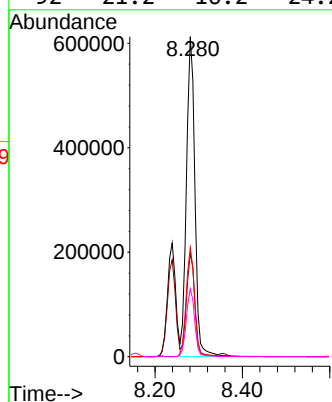
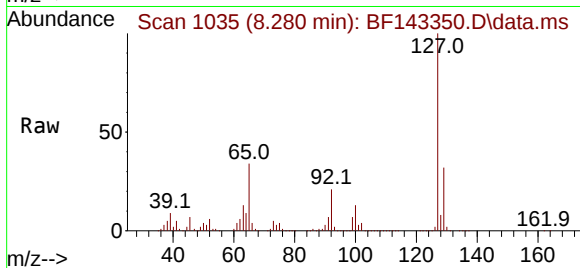




#33
4-Chloroaniline
Concen: 75.228 ng
RT: 8.280 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

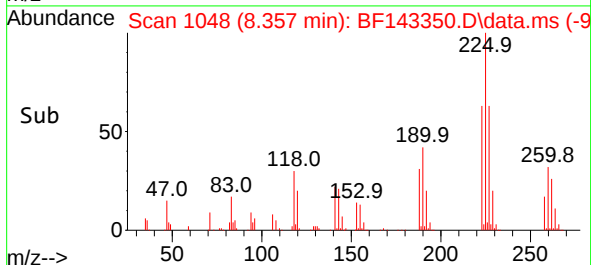
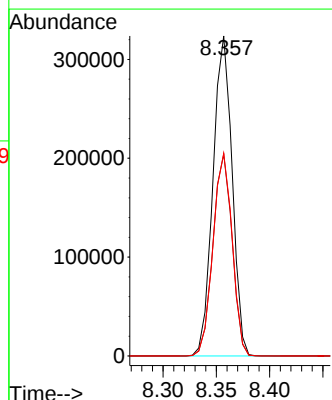
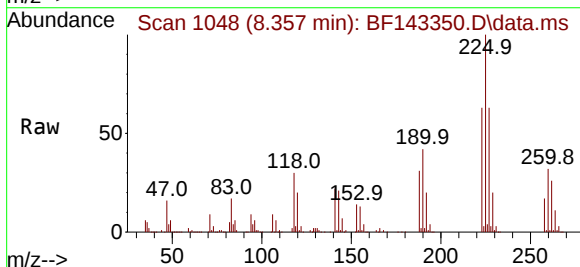
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

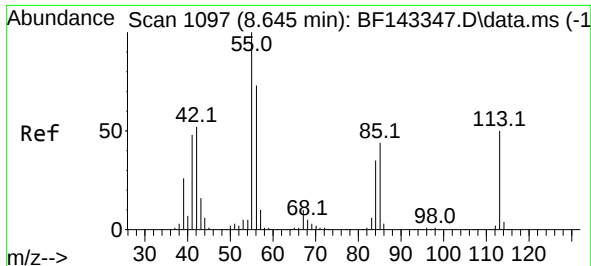
Tgt Ion:	127	Resp:	816103
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	34.0	27.0	40.4
92	21.2	16.2	24.2



#34
Hexachlorobutadiene
Concen: 73.592 ng
RT: 8.357 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:	225	Resp:	403199
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	63.3	50.6	75.8

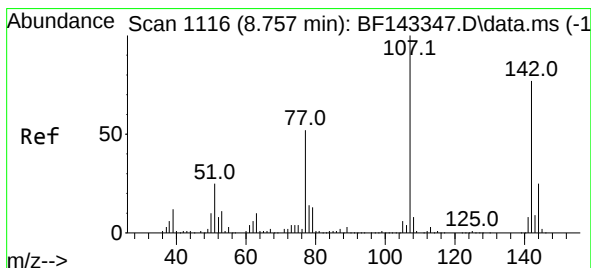
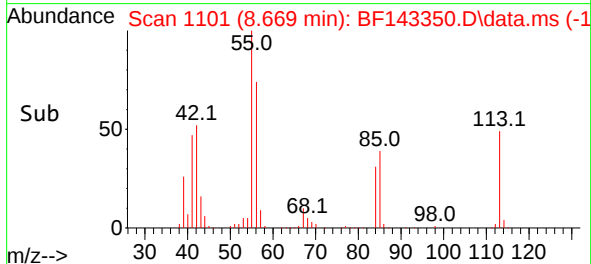
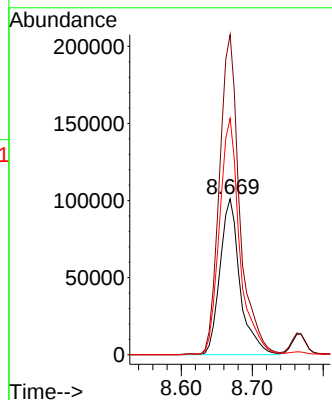
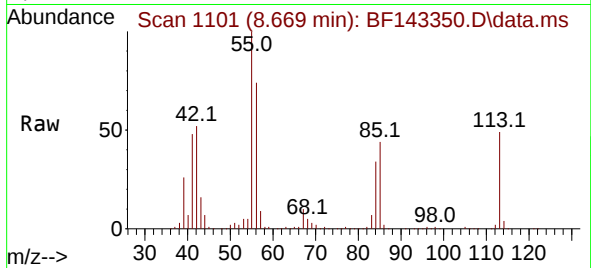




#35
 Caprolactam
 Concen: 84.172 ng
 RT: 8.669 min Scan# 1101
 Delta R.T. 0.023 min
 Lab File: BF143350.D
 Acq: 12 Aug 2025 12:38

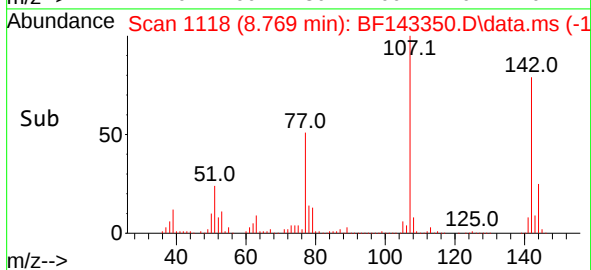
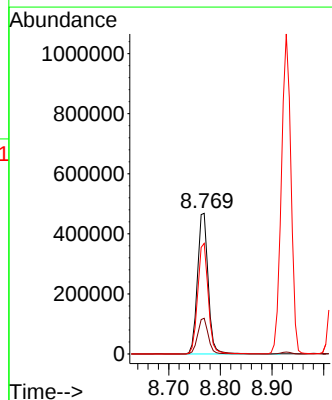
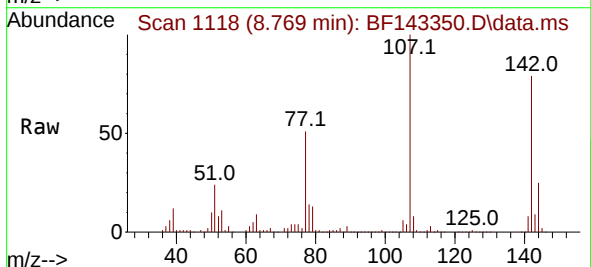
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

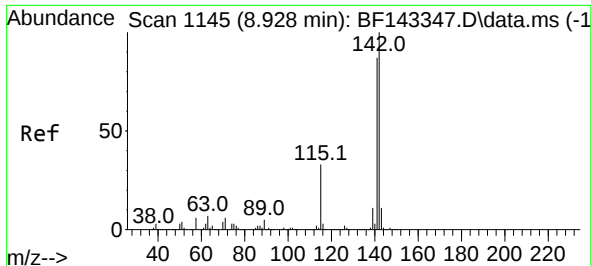
Tgt Ion:113 Resp: 197571
 Ion Ratio Lower Upper
 113 100
 55 205.3 181.4 221.4
 56 151.6 127.3 167.3



#36
 4-Chloro-3-methylphenol
 Concen: 77.000 ng
 RT: 8.769 min Scan# 1118
 Delta R.T. 0.012 min
 Lab File: BF143350.D
 Acq: 12 Aug 2025 12:38

Tgt Ion:107 Resp: 674001
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.0 30.0
 142 78.5 61.3 91.9





#37

2-Methylnaphthalene

Concen: 69.303 ng

RT: 8.927 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

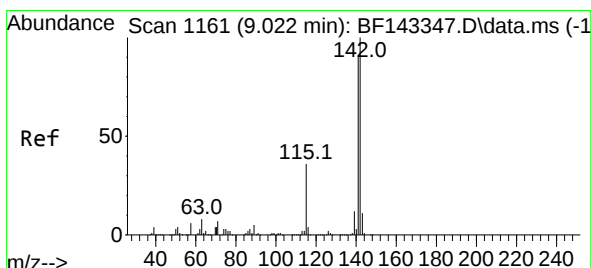
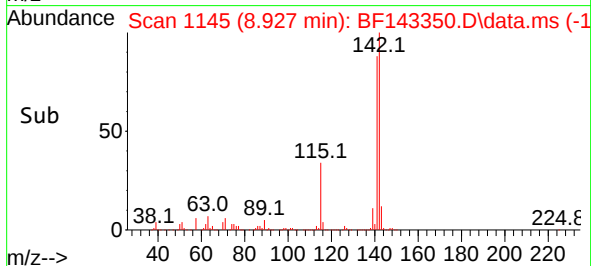
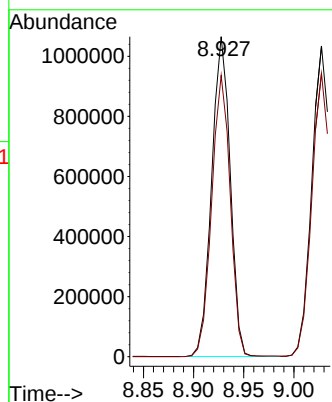
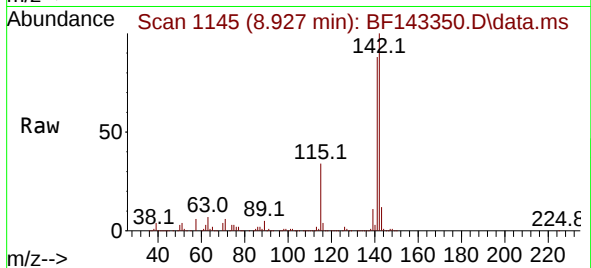
SSTDICC080

Tgt Ion:142 Resp: 1370352

Ion Ratio Lower Upper

142 100

141 87.9 69.8 104.8



#38

1-Methylnaphthalene

Concen: 69.780 ng

RT: 9.027 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF143350.D

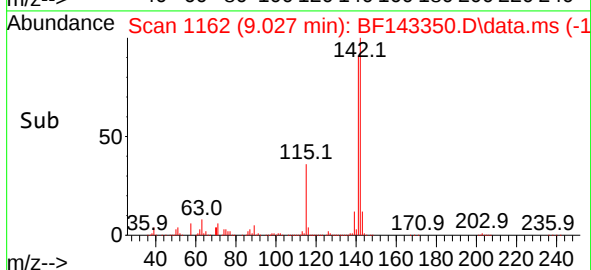
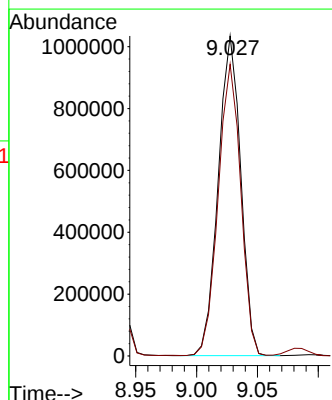
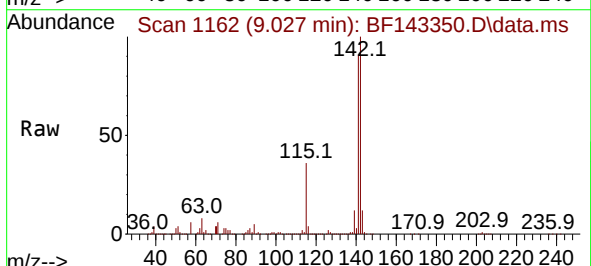
Acq: 12 Aug 2025 12:38

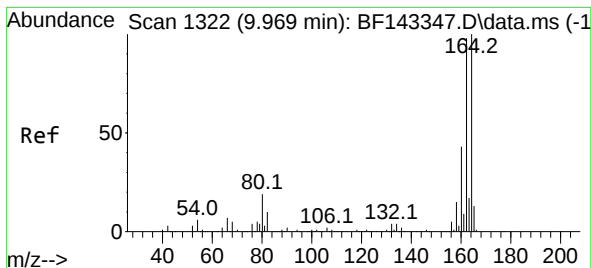
Tgt Ion:142 Resp: 1328881

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

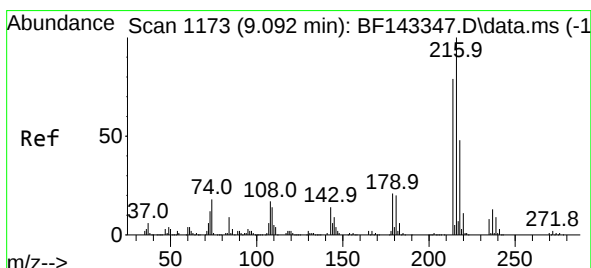
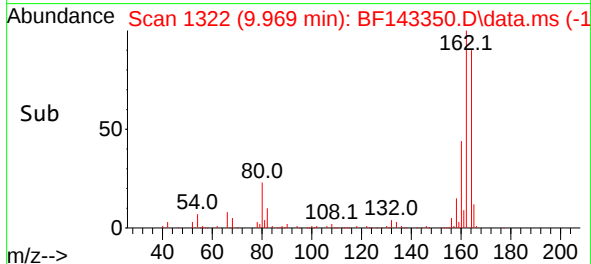
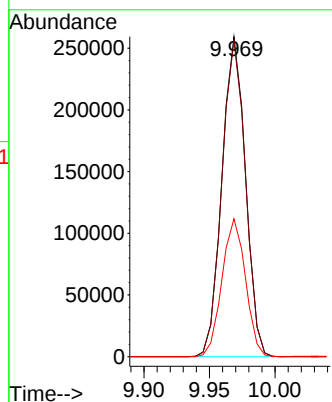
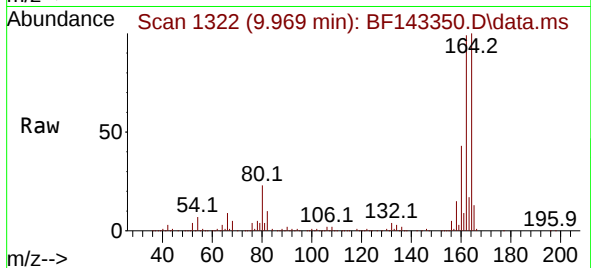
Tgt Ion:164 Resp: 322984

Ion Ratio Lower Upper

164 100

162 98.8 78.6 118.0

160 43.1 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 72.936 ng

RT: 9.098 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Tgt Ion:216 Resp: 644623

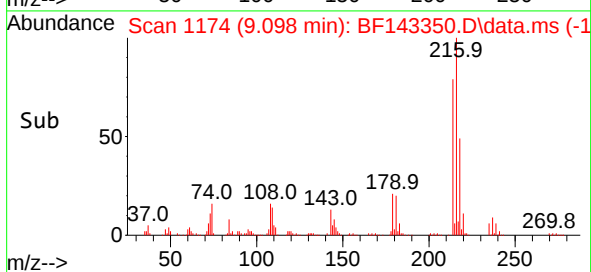
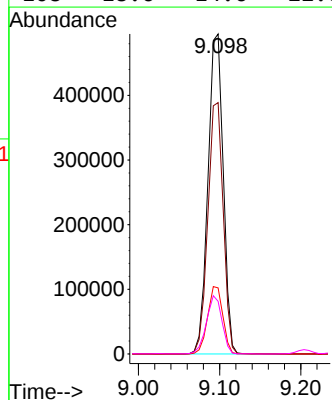
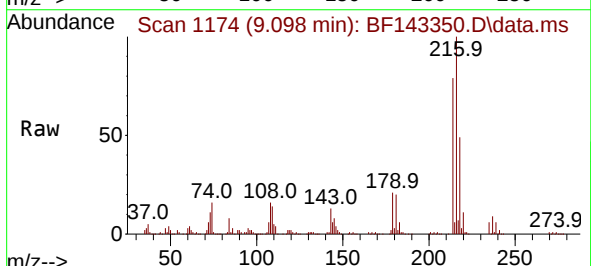
Ion Ratio Lower Upper

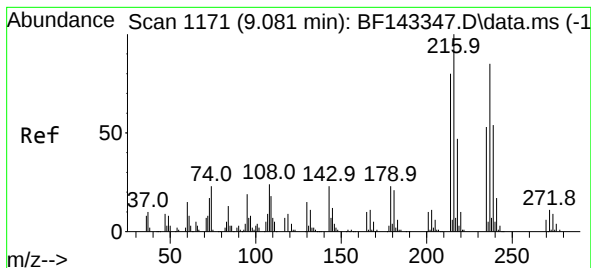
216 100

214 79.0 63.0 94.4

179 21.0 17.0 25.4

108 18.6 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 82.835 ng

RT: 9.086 min Scan# 1171

Delta R.T. 0.005 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

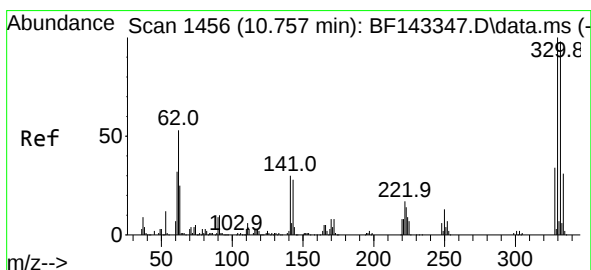
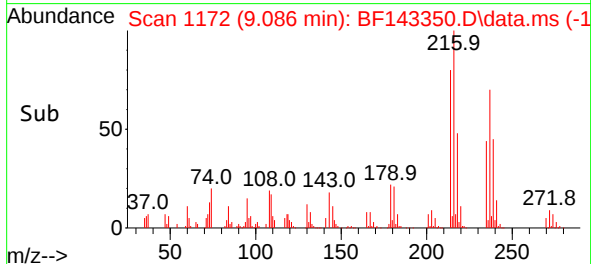
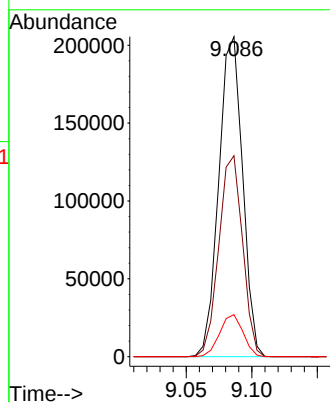
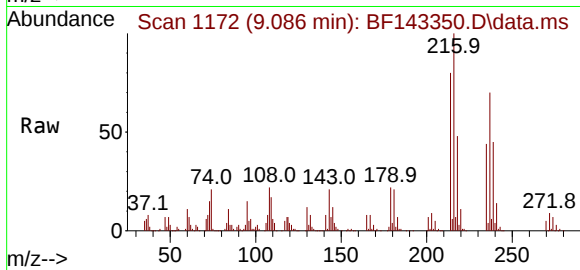
Tgt Ion:237 Resp: 259048

Ion Ratio Lower Upper

237 100

235 62.8 42.0 82.0

272 13.2 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 174.486 ng

RT: 10.763 min Scan# 1457

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

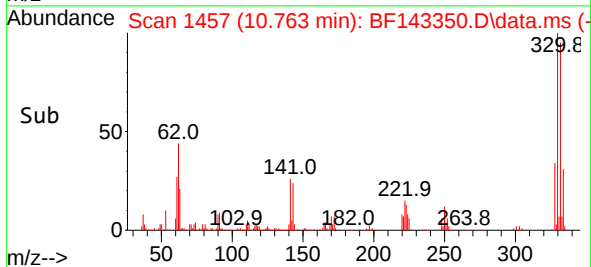
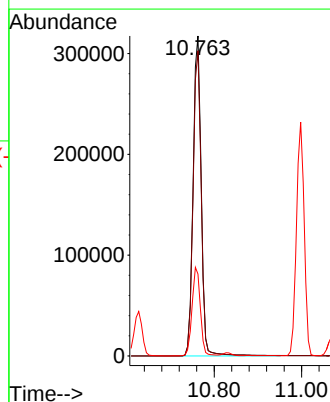
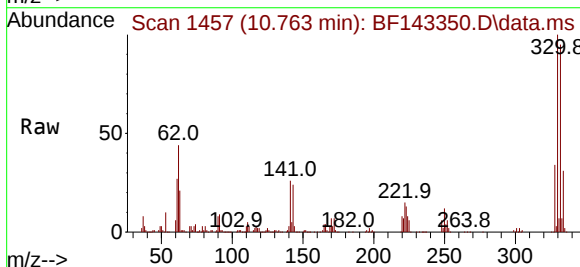
Tgt Ion:330 Resp: 411864

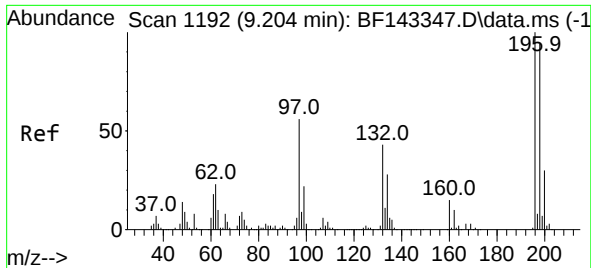
Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

141 28.4 25.4 38.0

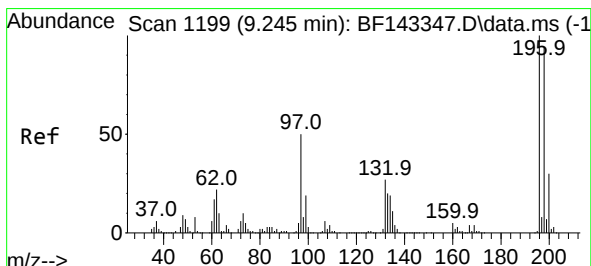
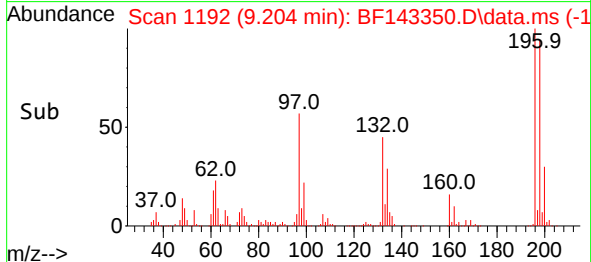
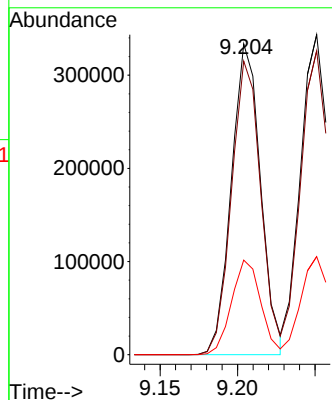
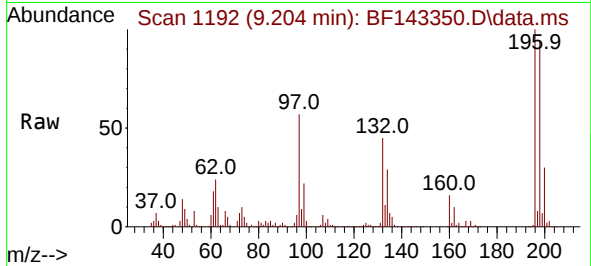




#43
2,4,6-Trichlorophenol
Concen: 87.149 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

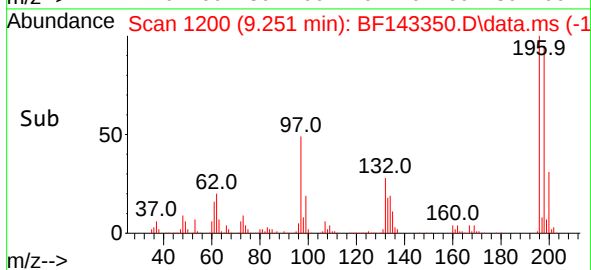
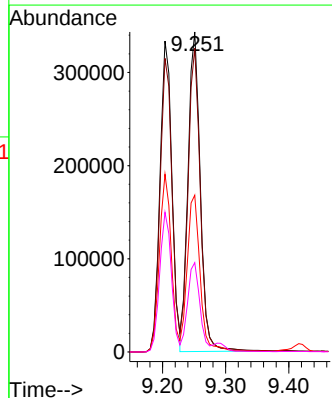
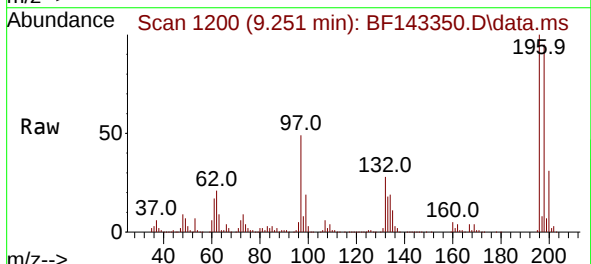
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

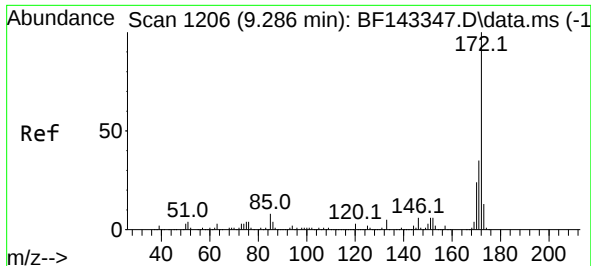
Tgt Ion:196 Resp: 437022
Ion Ratio Lower Upper
196 100
198 94.5 75.4 113.0
200 30.4 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 82.433 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:196 Resp: 466807
Ion Ratio Lower Upper
196 100
198 95.0 75.4 113.2
97 49.0 39.9 59.9
132 27.9 22.6 33.8

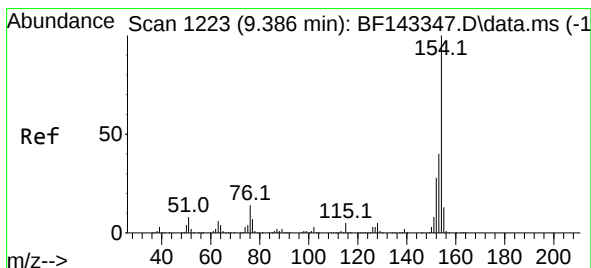
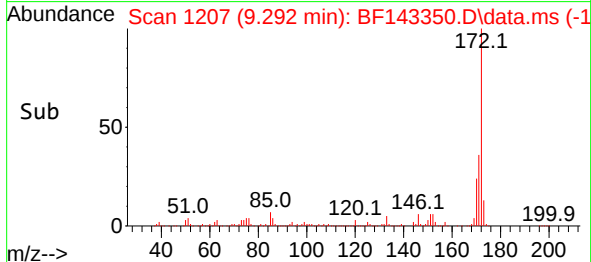
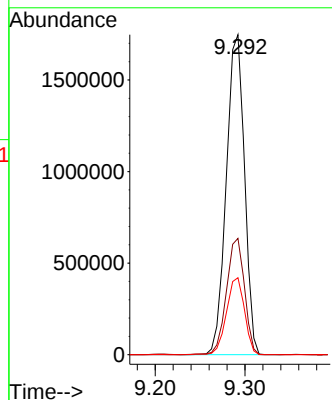
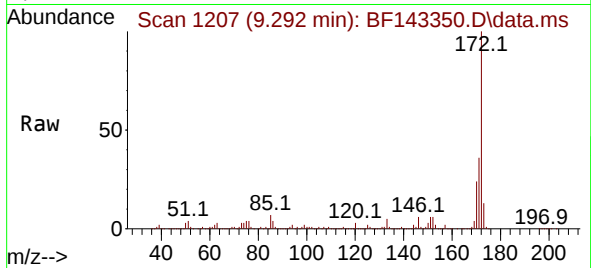




#45
2-Fluorobiphenyl
Concen: 129.045 ng
RT: 9.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

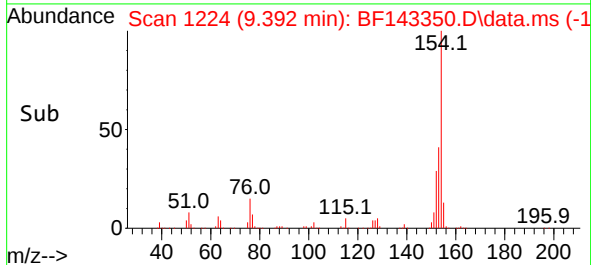
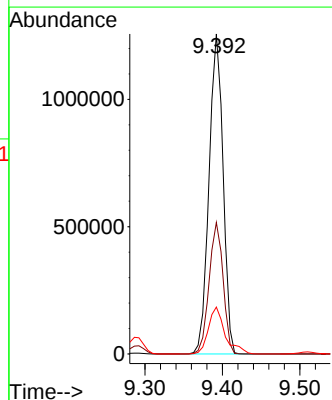
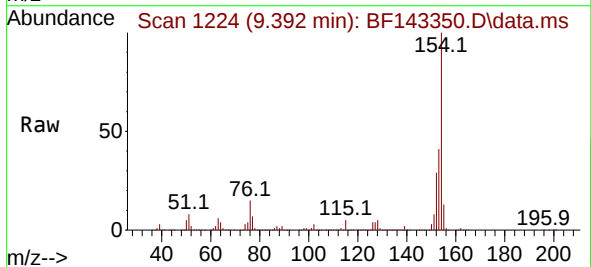
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

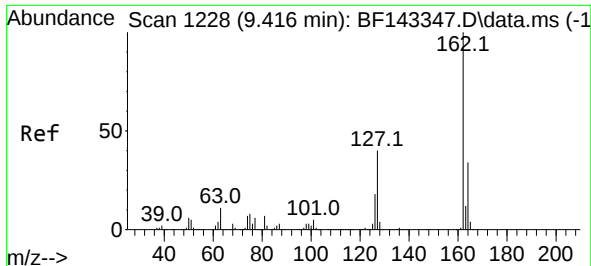
Tgt Ion:172 Resp: 2457872
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.0 19.1 28.7



#46
1,1'-Biphenyl
Concen: 69.203 ng
RT: 9.392 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:154 Resp: 1580379
Ion Ratio Lower Upper
154 100
153 41.1 20.2 60.2
76 14.6 0.0 34.4

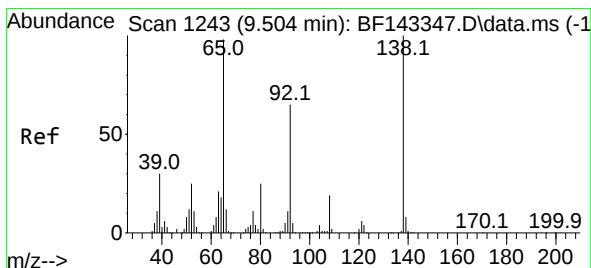
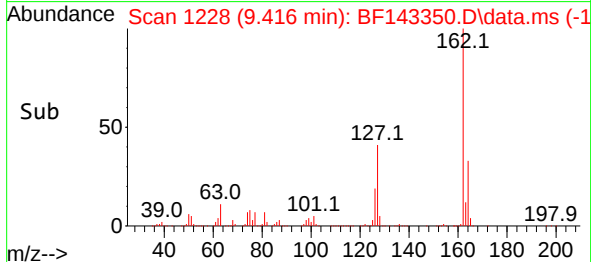
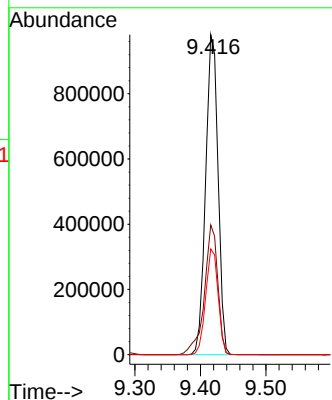
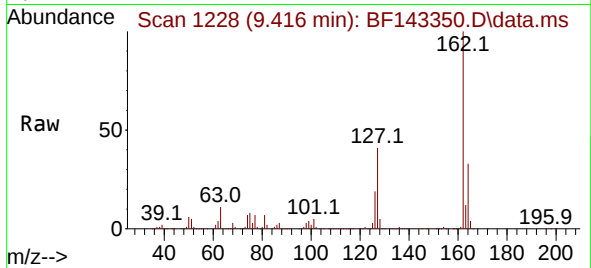




#47
2-Chloronaphthalene
Concen: 72.042 ng
RT: 9.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

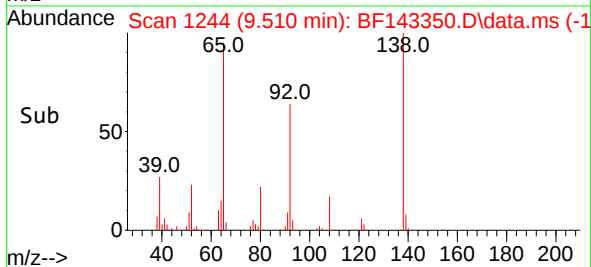
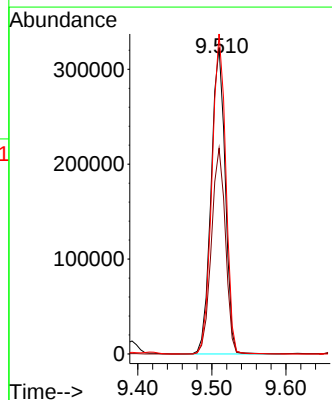
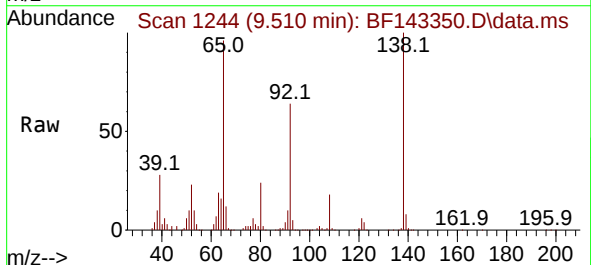
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

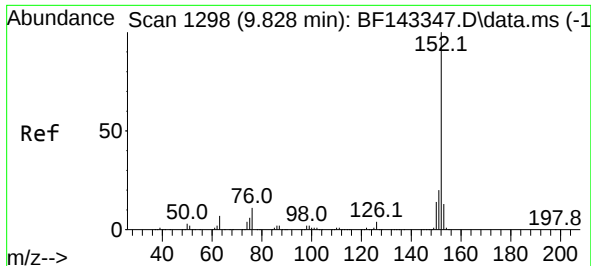
Tgt Ion:162 Resp: 1295723
Ion Ratio Lower Upper
162 100
127 40.5 32.1 48.1
164 33.1 27.0 40.4



#48
2-Nitroaniline
Concen: 80.247 ng
RT: 9.510 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 65 Resp: 426490
Ion Ratio Lower Upper
65 100
92 67.1 53.1 79.7
138 104.4 81.4 122.0





#49

Acenaphthylene

Concen: 71.842 ng

RT: 9.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

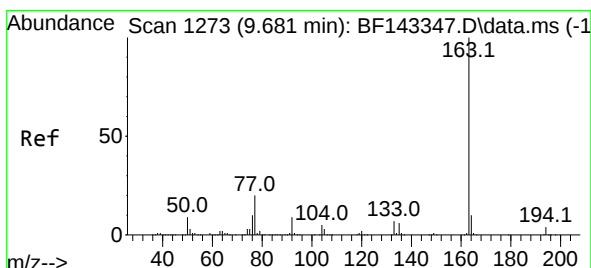
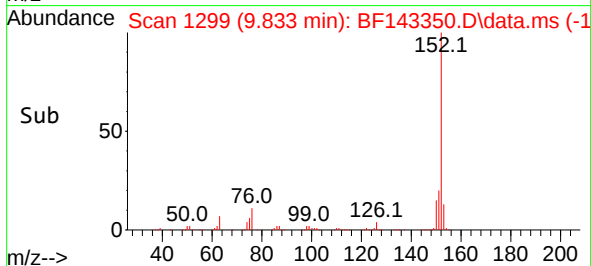
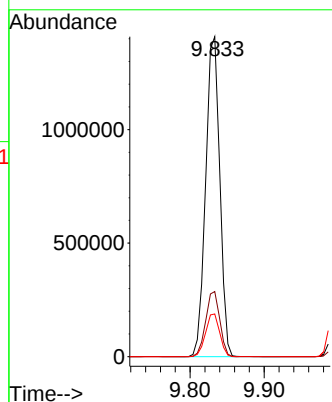
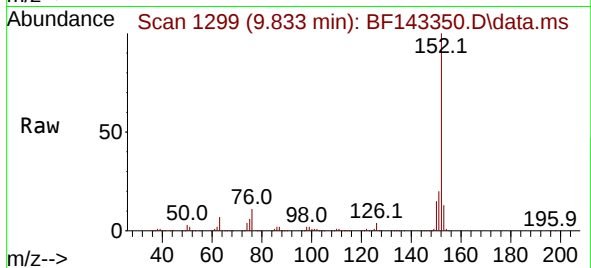
Tgt Ion:152 Resp: 1865988

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 75.513 ng

RT: 9.686 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

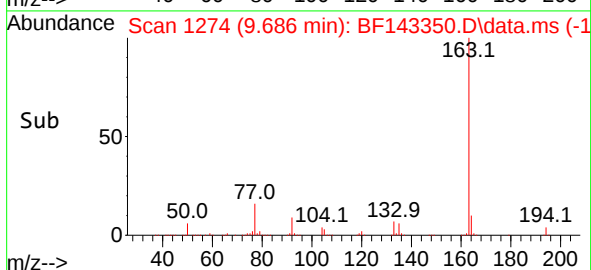
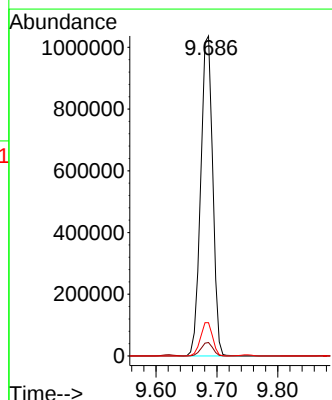
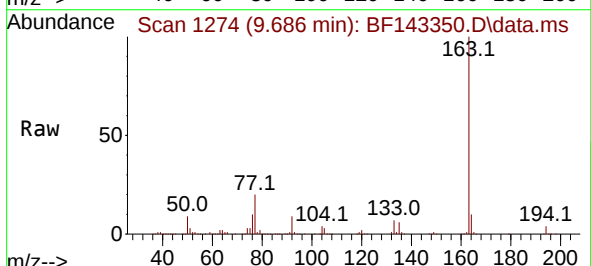
Tgt Ion:163 Resp: 1425124

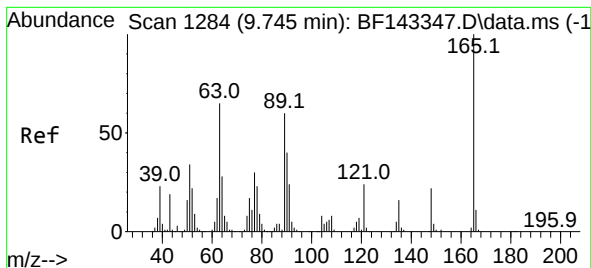
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 80.211 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

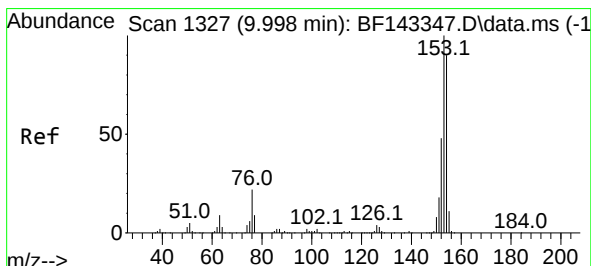
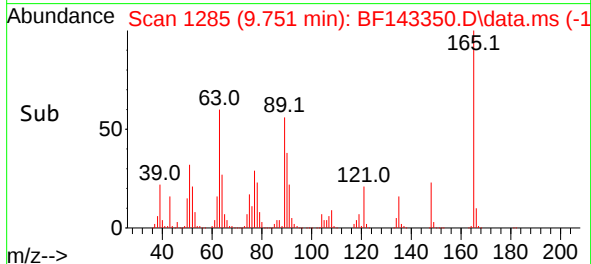
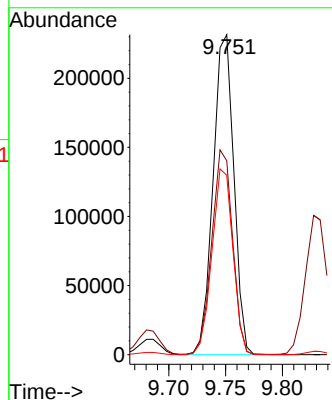
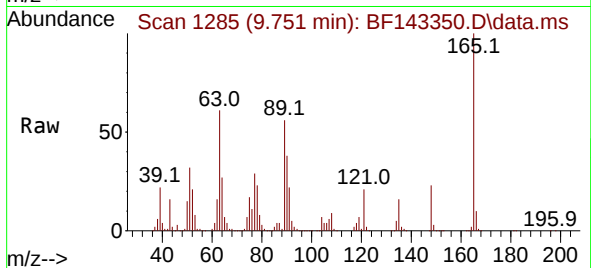
Tgt Ion:165 Resp: 294018

Ion Ratio Lower Upper

165 100

63 60.6 51.6 77.4

89 56.1 47.7 71.5



#52

Acenaphthene

Concen: 70.714 ng

RT: 10.004 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

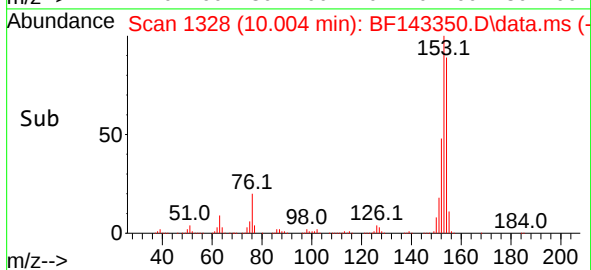
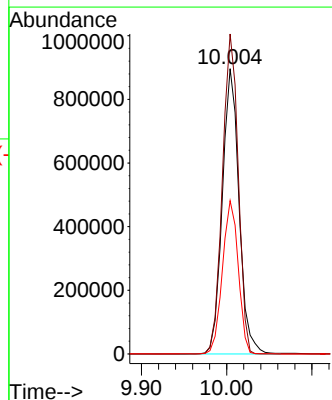
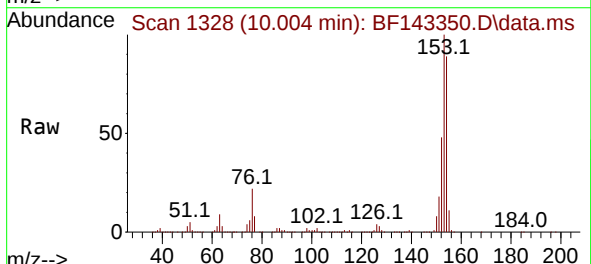
Tgt Ion:154 Resp: 1221046

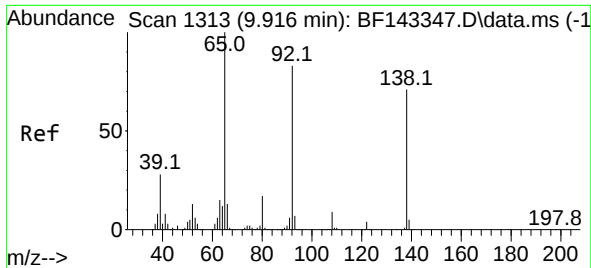
Ion Ratio Lower Upper

154 100

153 112.2 88.5 132.7

152 53.7 42.4 63.6

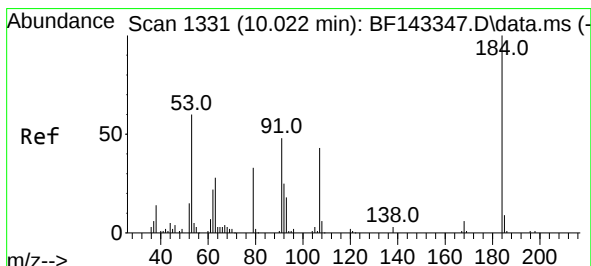
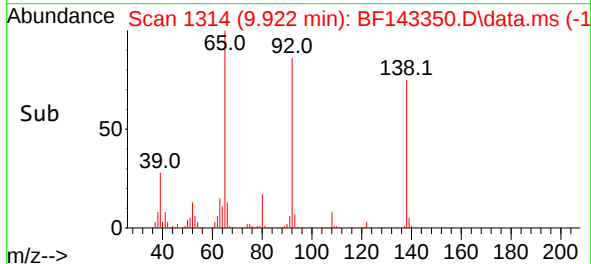
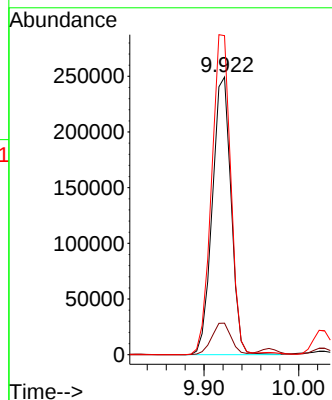
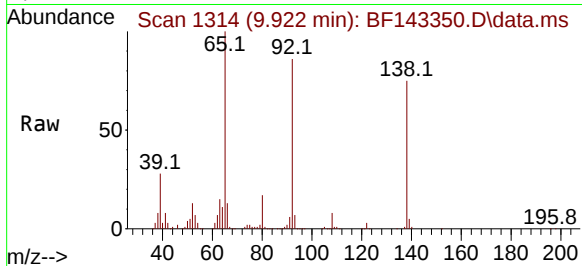




#53
3-Nitroaniline
Concen: 88.887 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

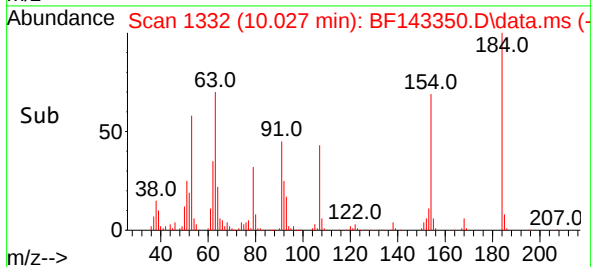
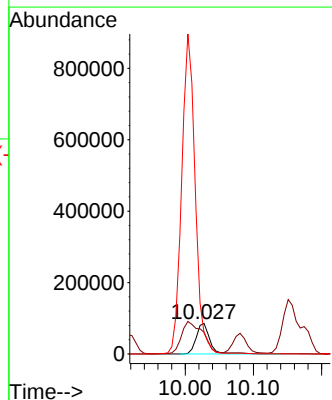
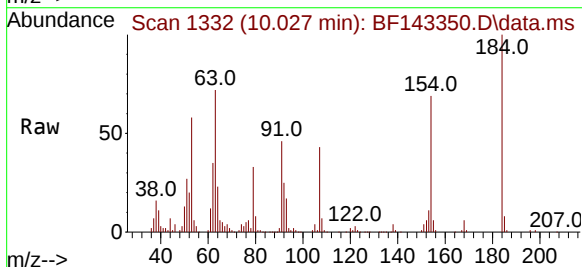
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

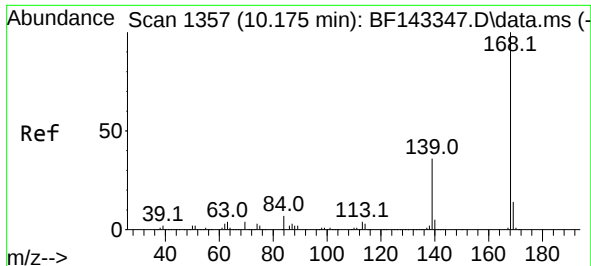
Tgt Ion:138 Resp: 343541
Ion Ratio Lower Upper
138 100
108 11.3 9.6 14.4
92 114.9 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 79.041 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.005 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:184 Resp: 118753
Ion Ratio Lower Upper
184 100
63 71.5 62.5 93.7
154 69.2 73.0 109.4#

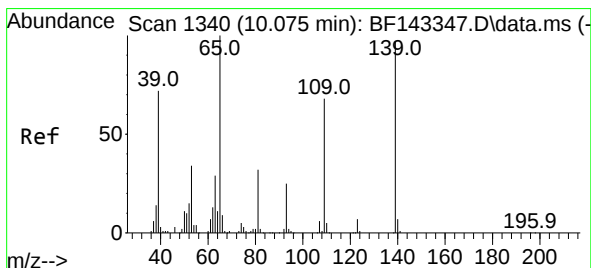
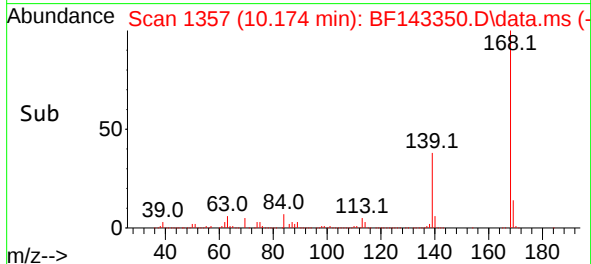
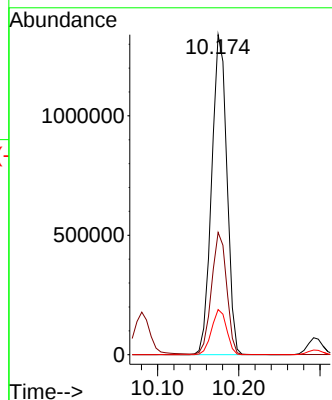
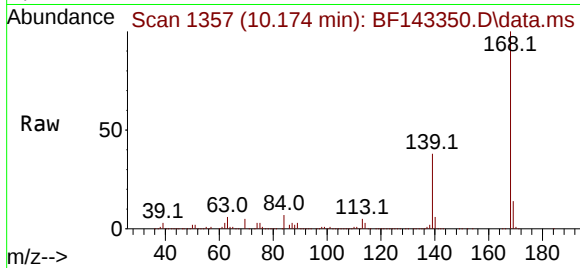




#55
Dibenzofuran
Concen: 69.969 ng
RT: 10.174 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

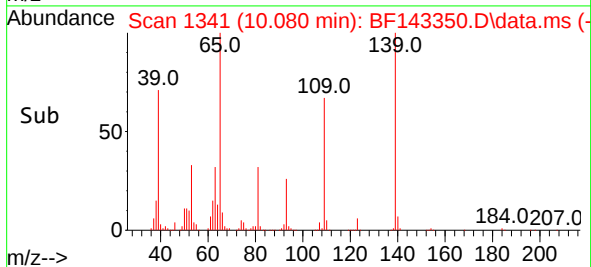
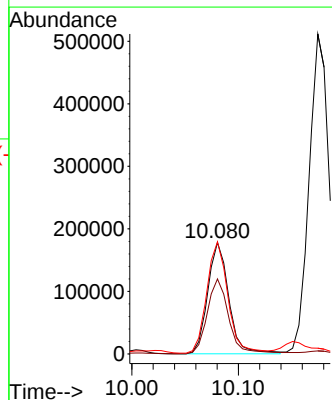
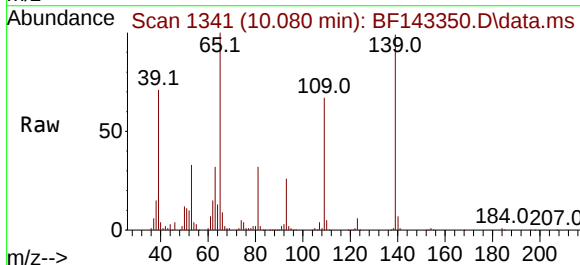
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

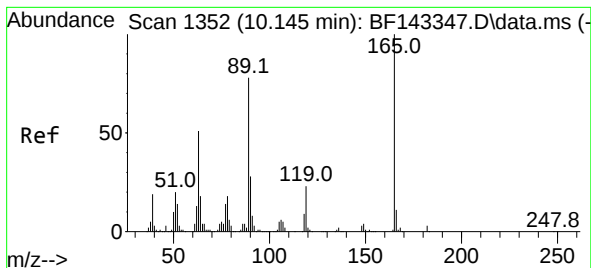
Tgt Ion:168 Resp: 1738835
Ion Ratio Lower Upper
168 100
139 38.2 29.4 44.0
169 14.1 11.0 16.6



#56
4-Nitrophenol
Concen: 79.477 ng
RT: 10.080 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:139 Resp: 245374
Ion Ratio Lower Upper
139 100
109 67.4 49.4 89.4
65 100.6 83.7 123.7

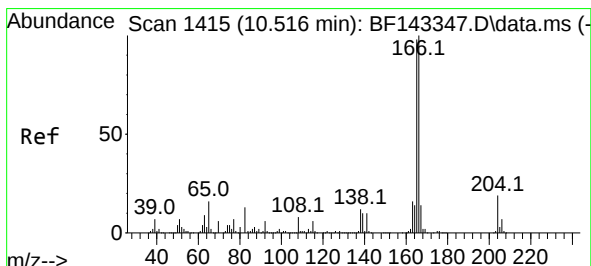
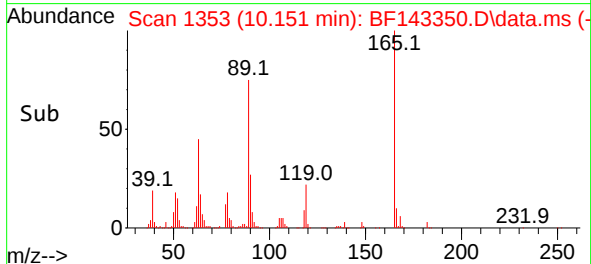
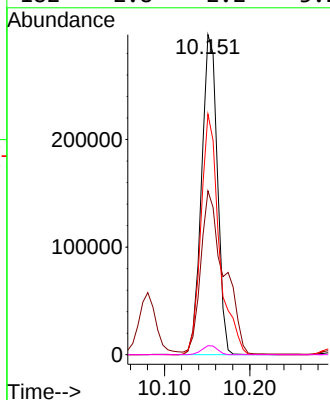
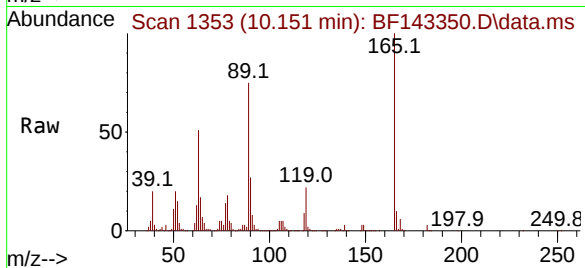




#57
2,4-Dinitrotoluene
Concen: 78.864 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

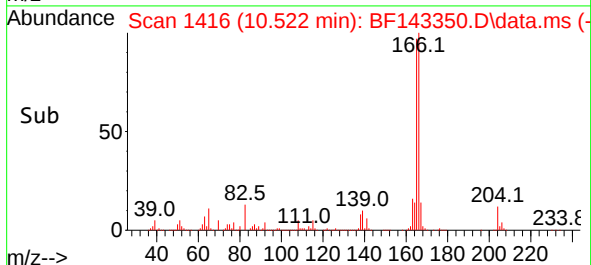
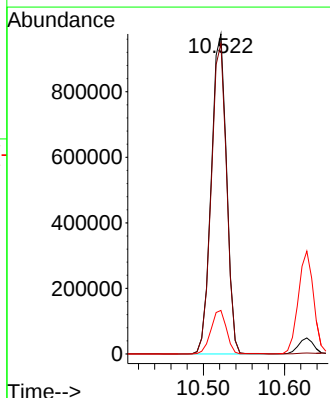
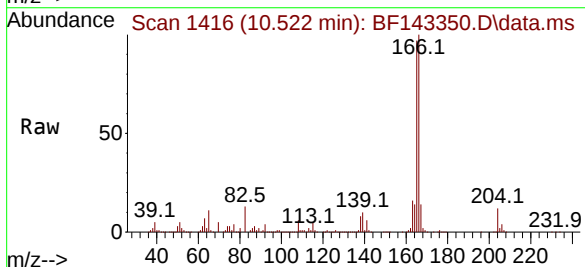
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

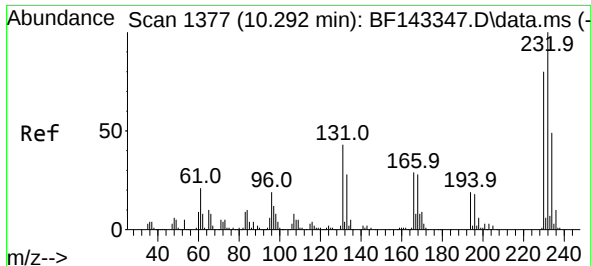
Tgt Ion:165 Resp: 383533
Ion Ratio Lower Upper
165 100
63 51.2 41.8 62.8
89 75.1 62.4 93.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 67.103 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:166 Resp: 1273759
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.4
167 13.6 10.9 16.3

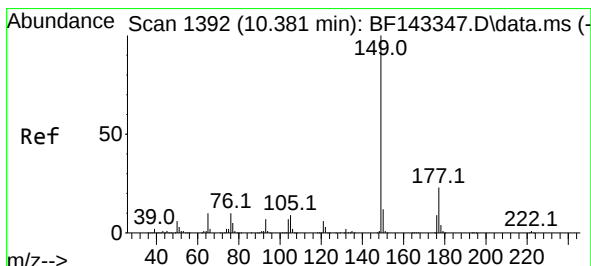
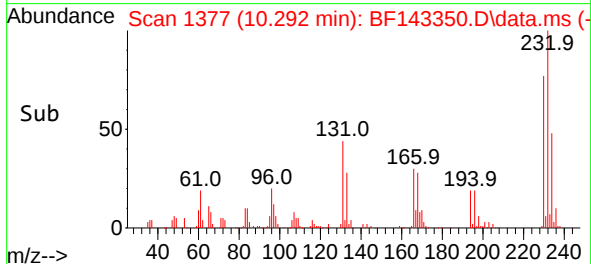
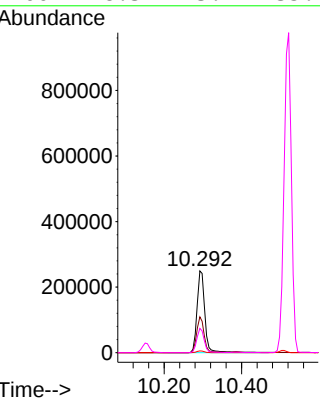
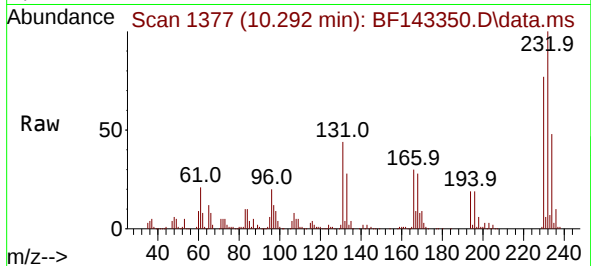




#59
2,3,4,6-Tetrachlorophenol
Concen: 91.466 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

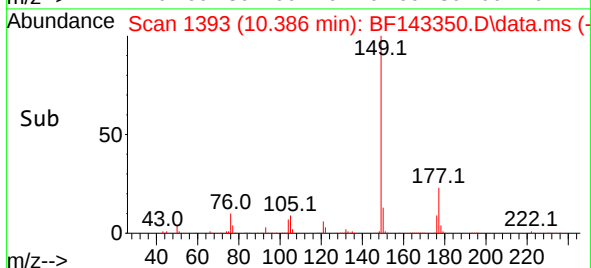
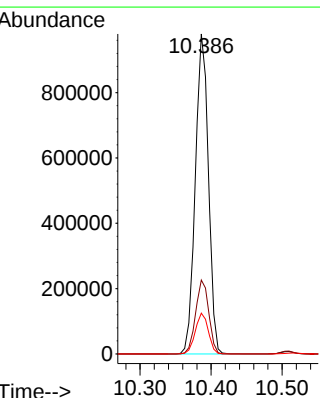
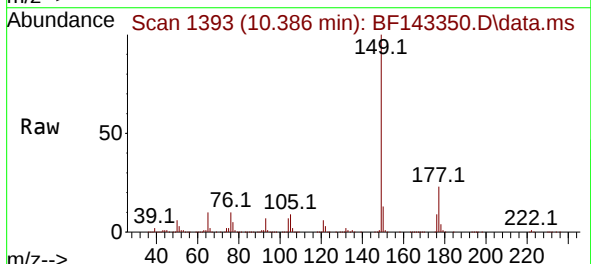
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

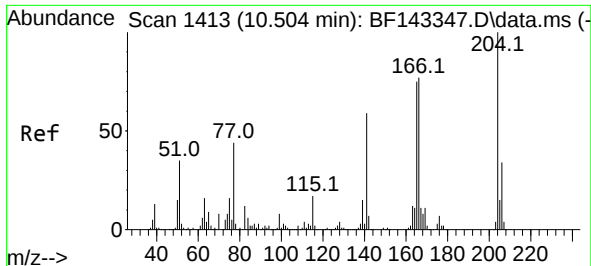
Tgt Ion:232 Resp: 349157
Ion Ratio Lower Upper
232 100
131 41.7 34.6 51.8
130 2.1 1.7 2.5
166 28.3 23.4 35.0



#60
Diethylphthalate
Concen: 74.465 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:149 Resp: 1258798
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.8 9.9 14.9

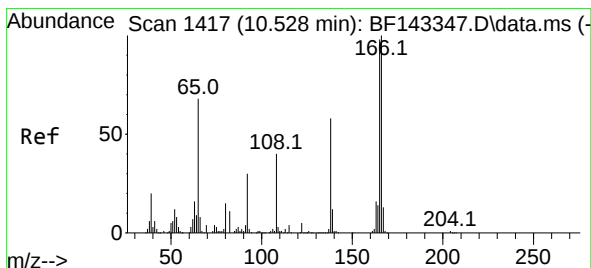
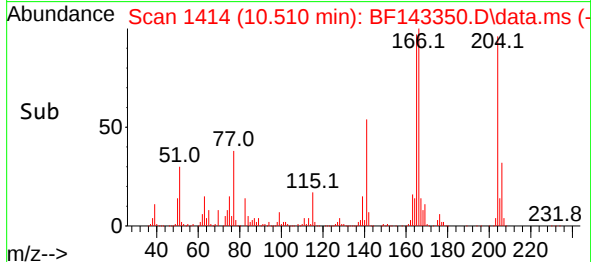
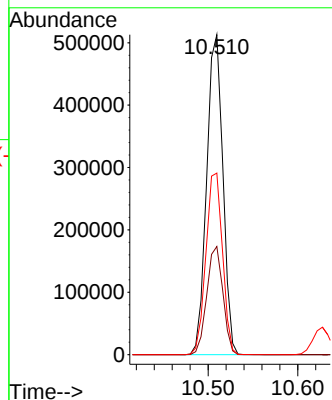
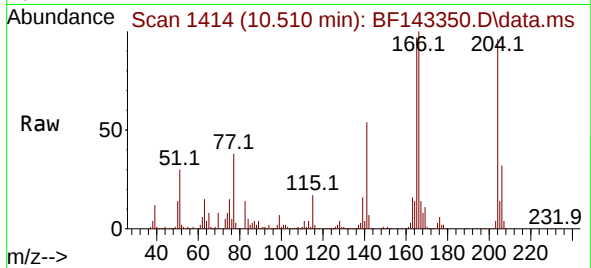




#61
4-Chlorophenyl-phenylether
Concen: 70.191 ng
RT: 10.510 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

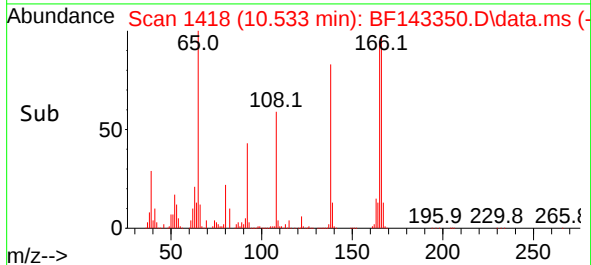
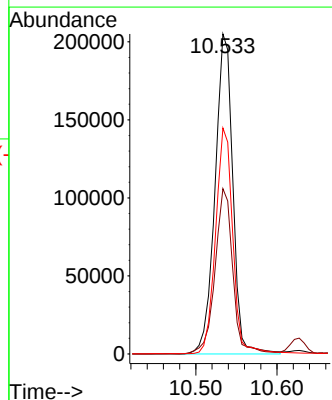
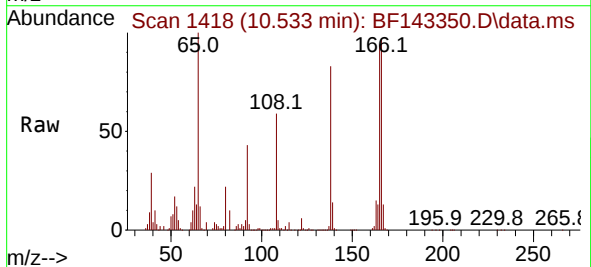
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

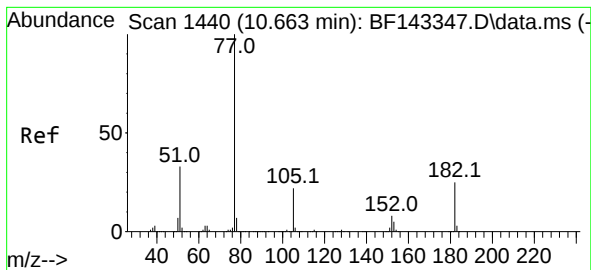
Tgt Ion:204 Resp: 643793
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 56.8 46.9 70.3



#62
4-Nitroaniline
Concen: 83.616 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:138 Resp: 312667
Ion Ratio Lower Upper
138 100
92 51.7 31.2 71.2
108 70.6 48.1 88.1





#63

Azobenzene

Concen: 71.269 ng

RT: 10.669 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 1376109

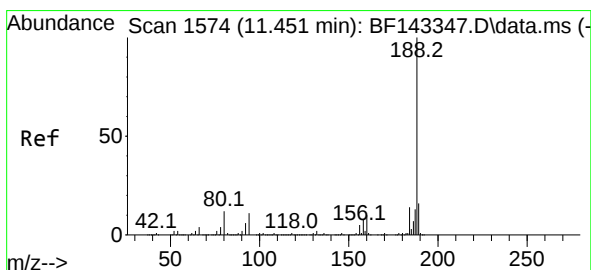
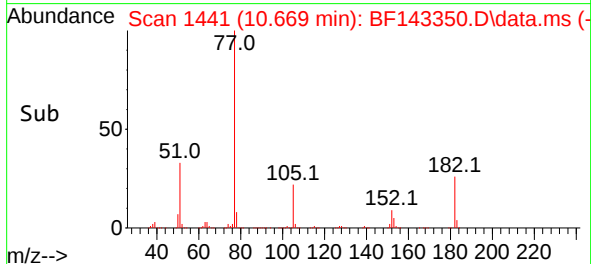
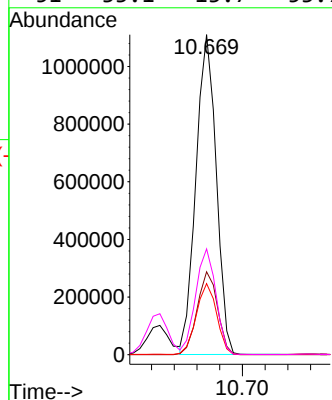
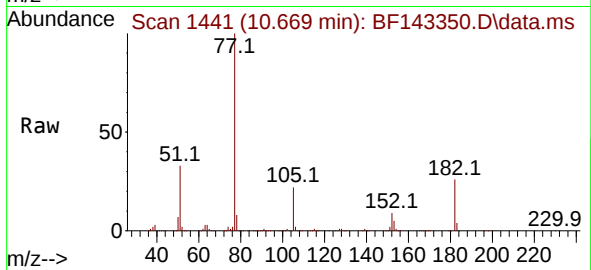
Ion Ratio Lower Upper

77 100

182 25.9 4.4 44.4

105 22.2 1.8 41.8

51 33.1 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

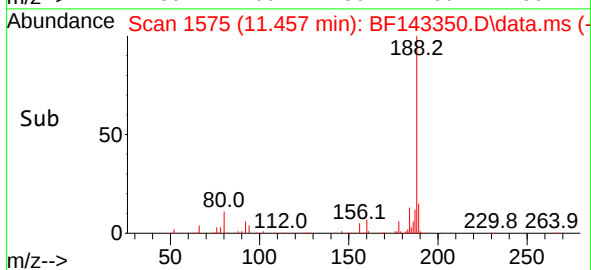
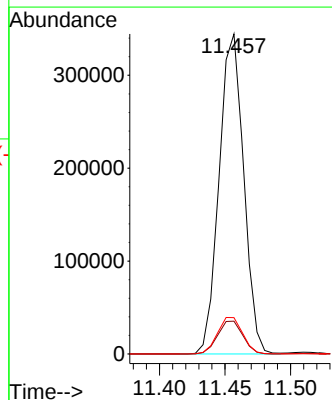
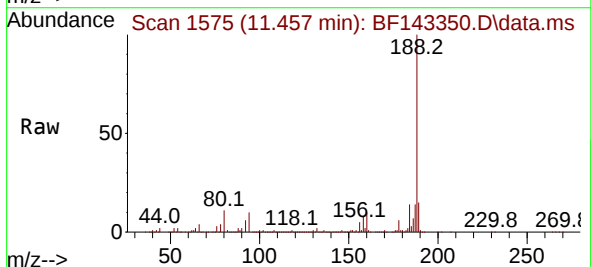
Tgt Ion: 188 Resp: 448378

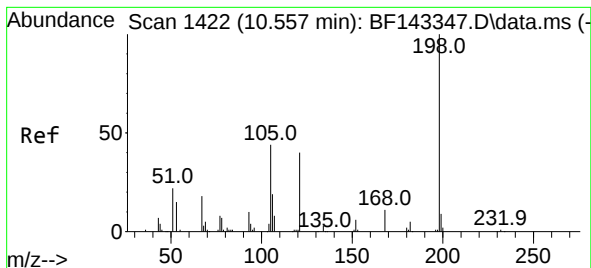
Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 11.4 9.7 14.5

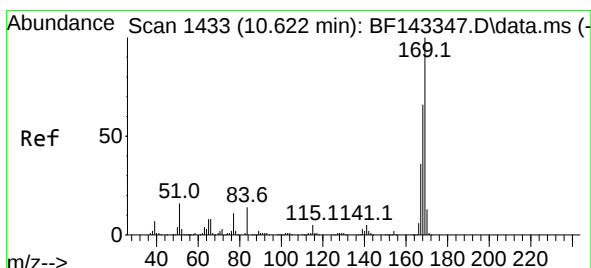
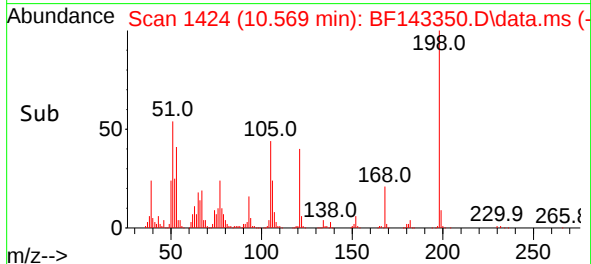
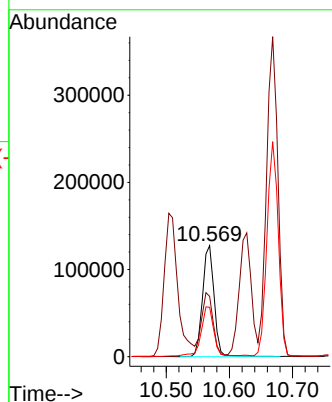
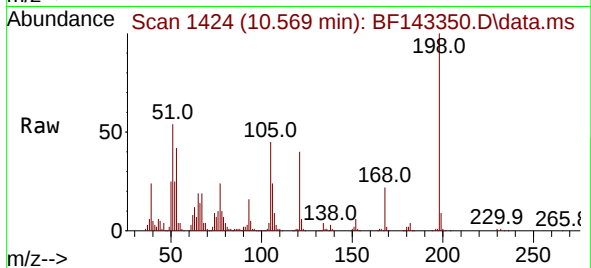




#65
4,6-Dinitro-2-methylphenol
Concen: 83.490 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

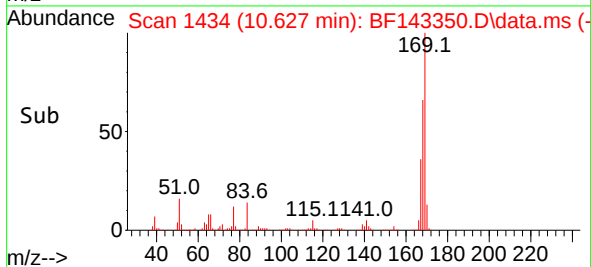
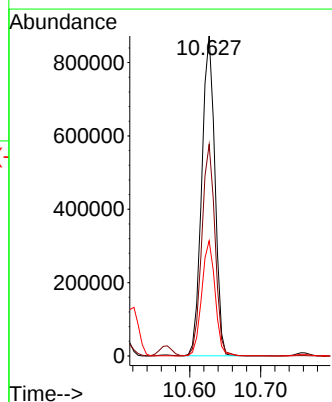
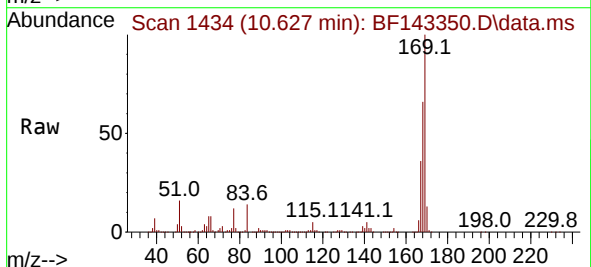
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

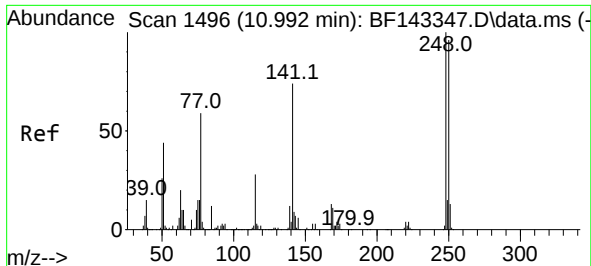
Tgt Ion:198 Resp: 162929
Ion Ratio Lower Upper
198 100
51 54.2 41.7 81.7
105 44.5 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 76.190 ng
RT: 10.627 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:169 Resp: 1124872
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 36.0 28.6 42.8

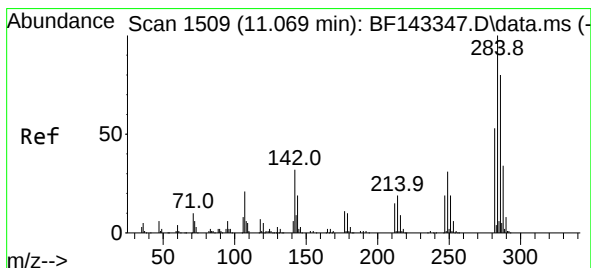
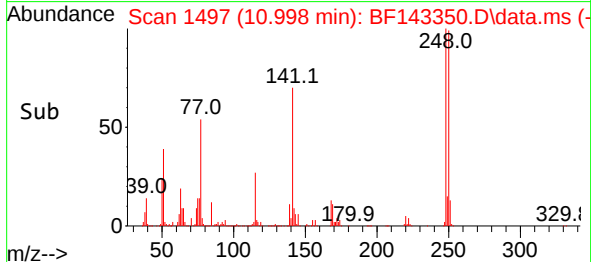
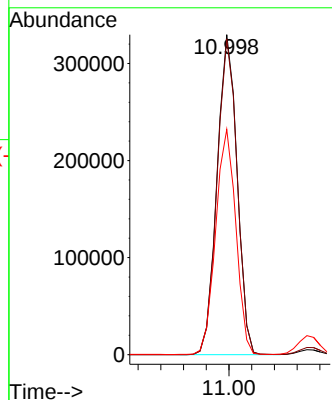
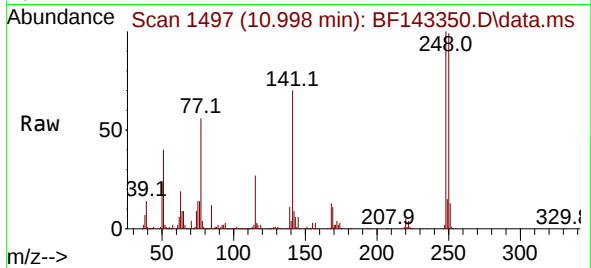




#67
4-Bromophenyl-phenylether
Concen: 79.007 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

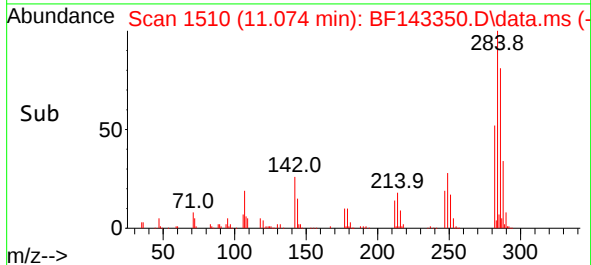
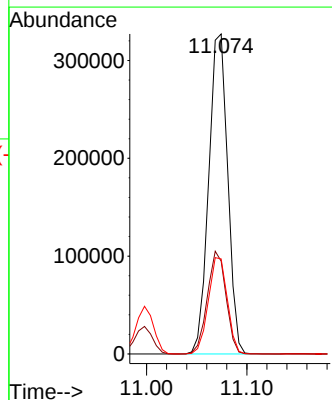
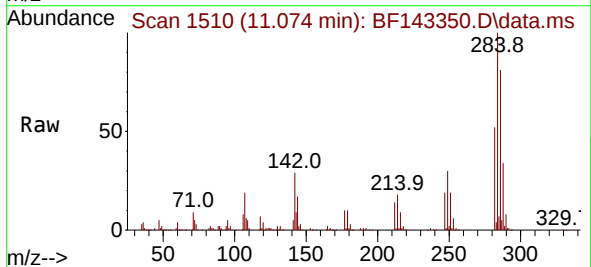
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

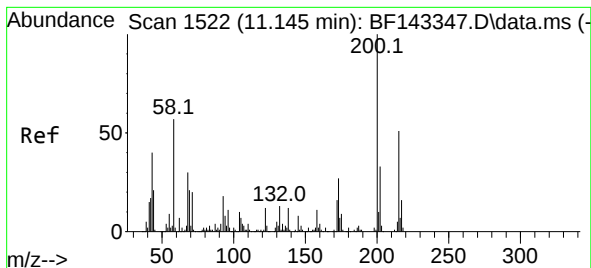
Tgt Ion:248 Resp: 405148
Ion Ratio Lower Upper
248 100
250 98.7 77.1 115.7
141 70.4 59.1 88.7



#68
Hexachlorobenzene
Concen: 78.001 ng
RT: 11.074 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:284 Resp: 431148
Ion Ratio Lower Upper
284 100
142 29.0 25.7 38.5
249 29.7 24.6 37.0





#69

Atrazine

Concen: 80.438 ng

RT: 11.151 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

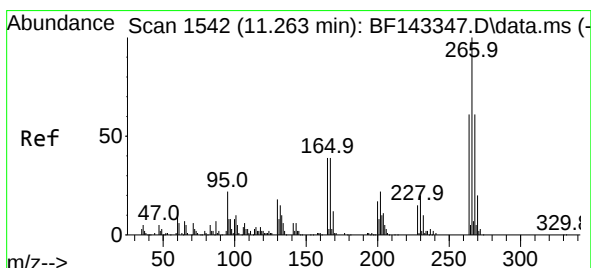
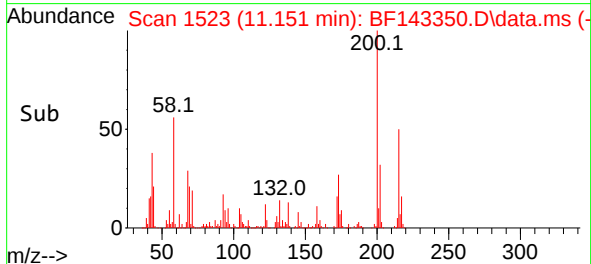
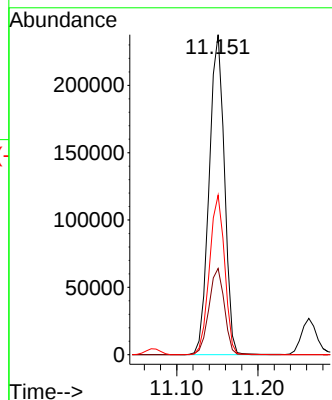
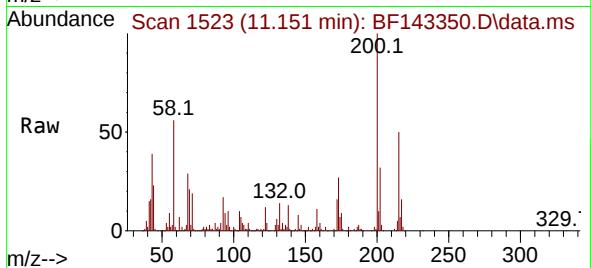
Tgt Ion:200 Resp: 309748

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 49.8 30.6 70.6



#70

Pentachlorophenol

Concen: 80.616 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

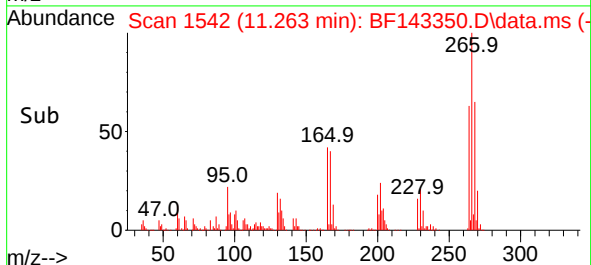
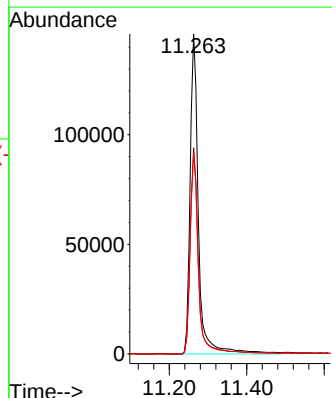
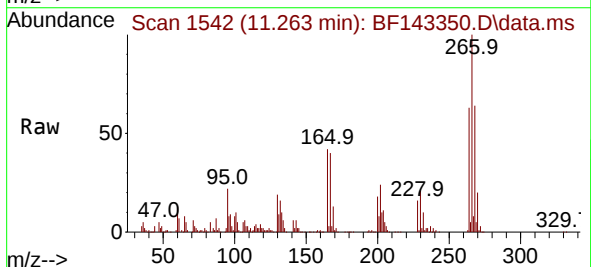
Tgt Ion:266 Resp: 218250

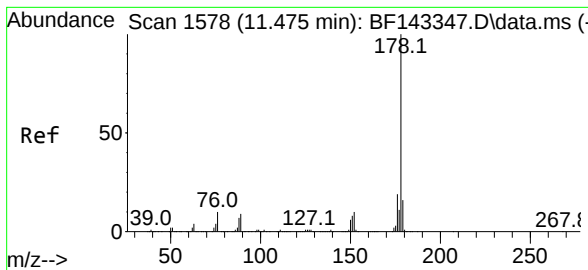
Ion Ratio Lower Upper

266 100

268 64.5 48.8 73.2

264 62.8 48.8 73.2





#71

Phenanthrene

Concen: 71.351 ng

RT: 11.480 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

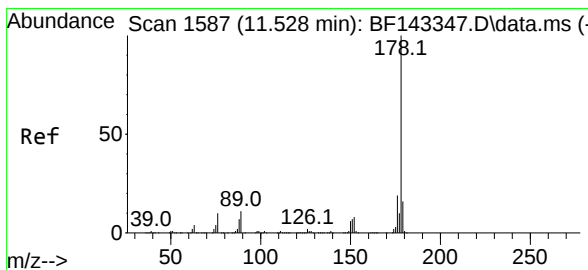
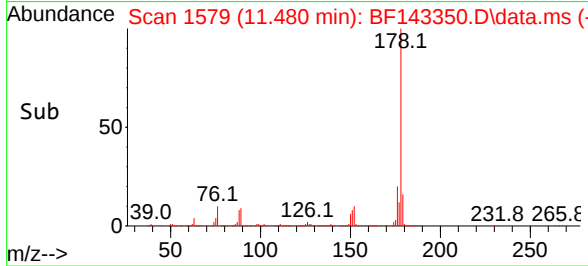
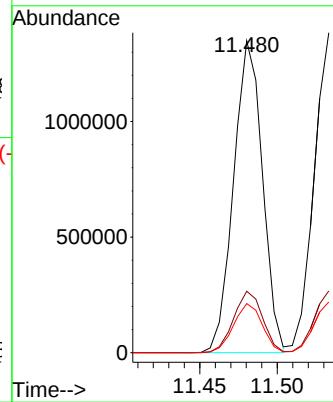
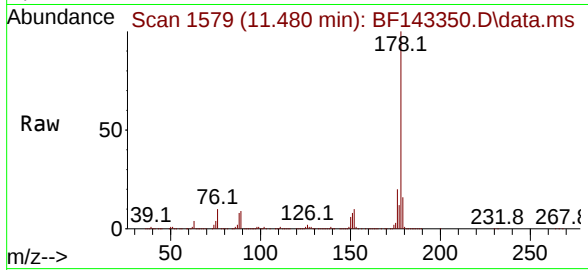
Tgt Ion:178 Resp: 1745493

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.7 12.5 18.7



#72

Anthracene

Concen: 70.871 ng

RT: 11.533 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

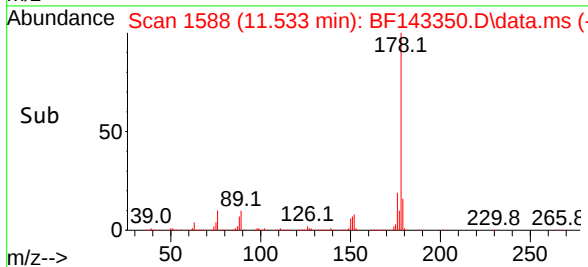
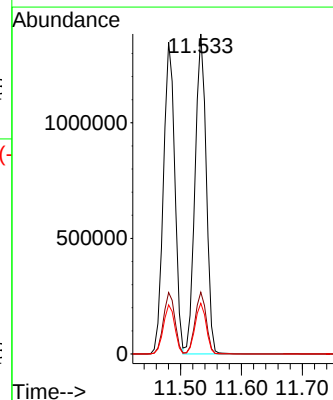
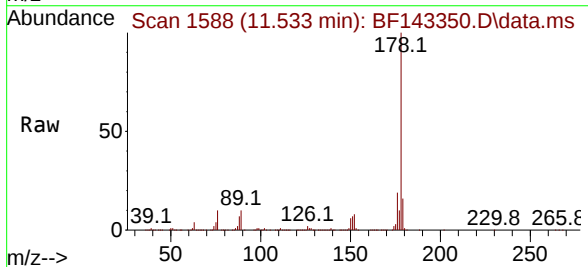
Tgt Ion:178 Resp: 1758274

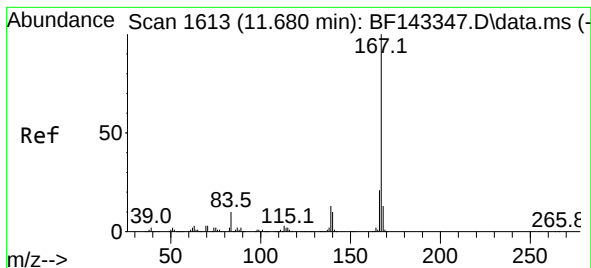
Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.9 12.7 19.1





#73

Carbazole

Concen: 70.029 ng

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

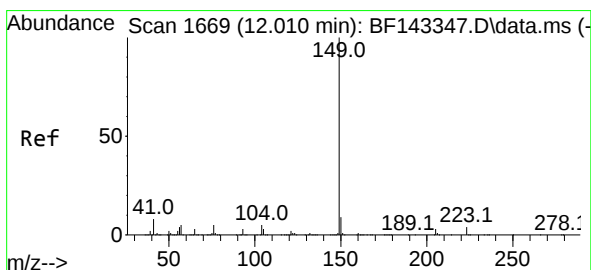
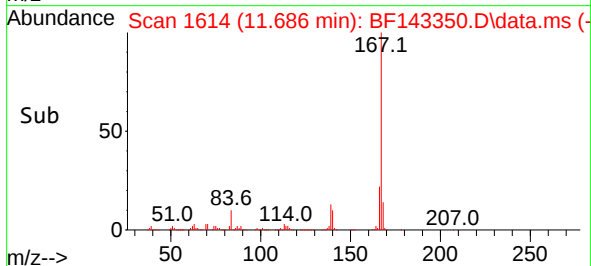
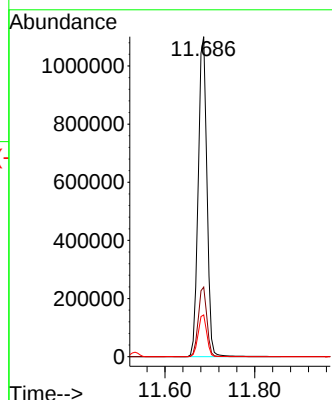
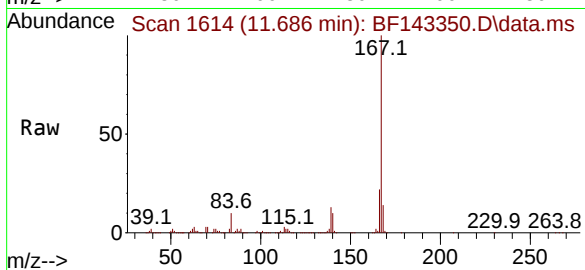
Tgt Ion:167 Resp: 1479652

Ion Ratio Lower Upper

167 100

166 21.7 16.8 25.2

139 13.1 10.2 15.2



#74

Di-n-butylphthalate

Concen: 78.244 ng

RT: 12.010 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

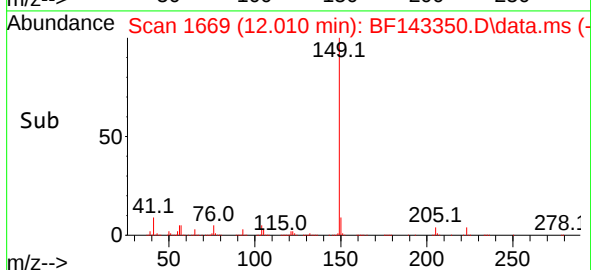
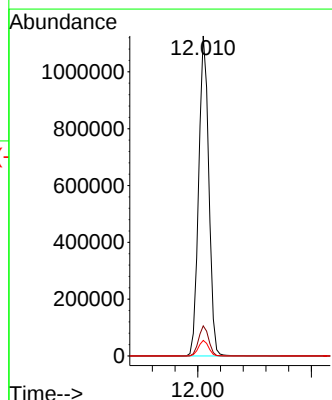
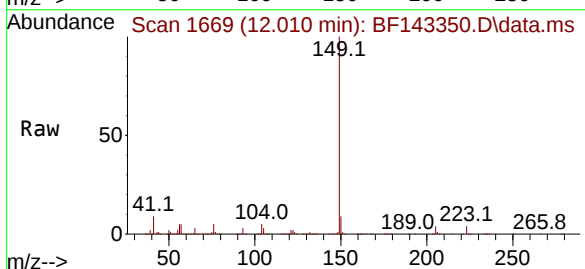
Tgt Ion:149 Resp: 1398975

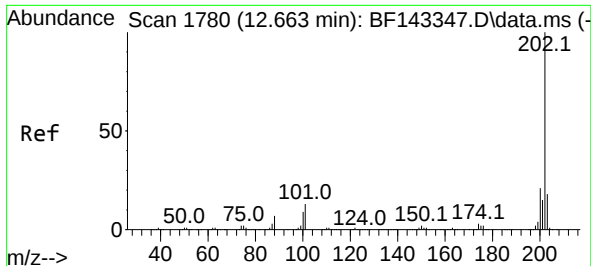
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

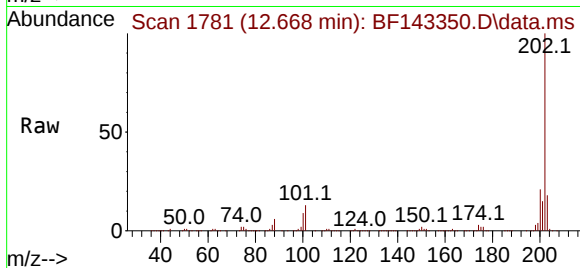
104 4.9 3.8 5.8



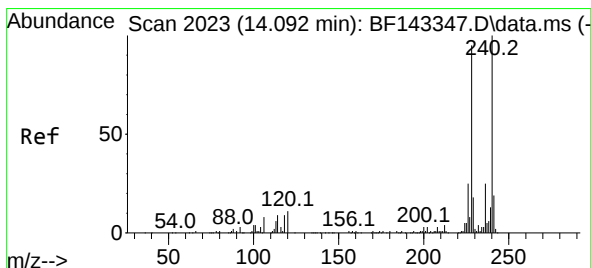
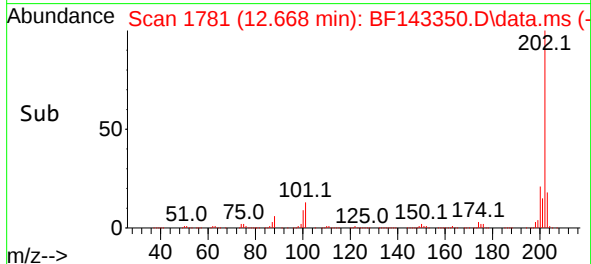
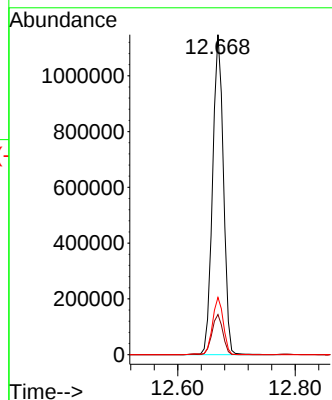


#75
Fluoranthene
Concen: 68.634 ng
RT: 12.668 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

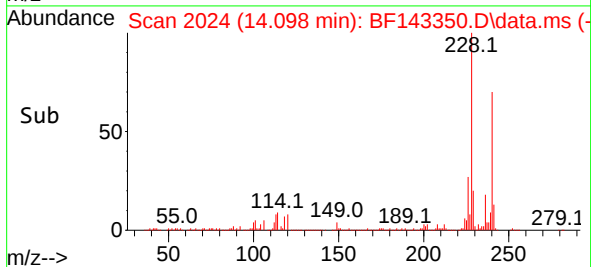
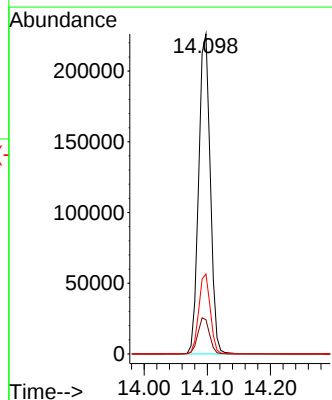
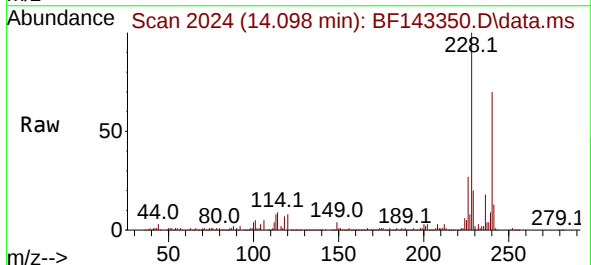


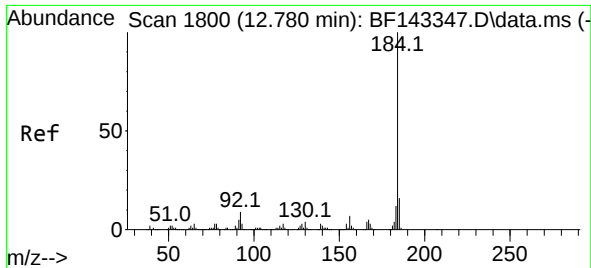
Tgt Ion:202 Resp: 1470742
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:240 Resp: 287871
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 25.0 19.9 29.9

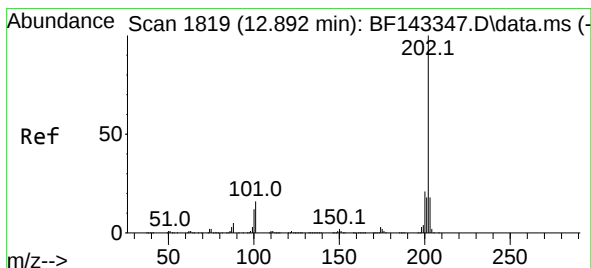
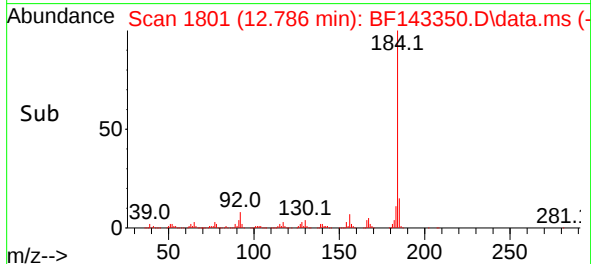
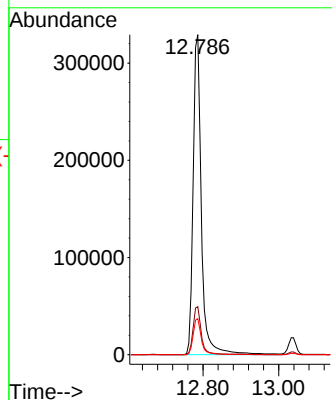
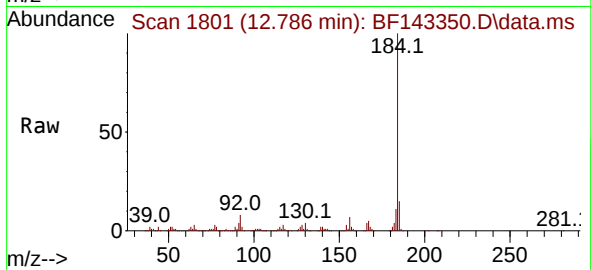




#77
Benzidine
Concen: 63.571 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

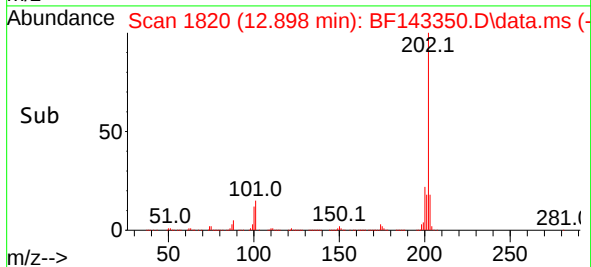
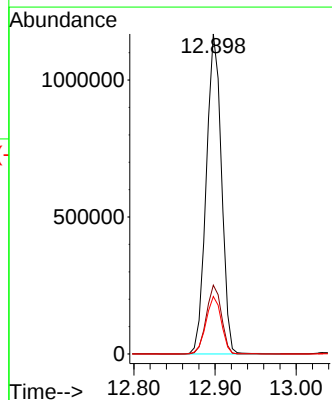
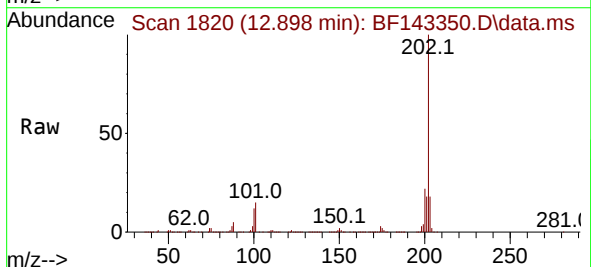
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

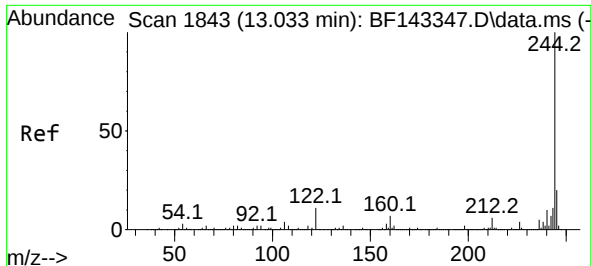
Tgt Ion:184 Resp: 500314
Ion Ratio Lower Upper
184 100
185 15.0 12.8 19.2
183 11.2 9.3 13.9



#78
Pyrene
Concen: 62.684 ng
RT: 12.898 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:202 Resp: 1513789
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 18.0 14.2 21.4

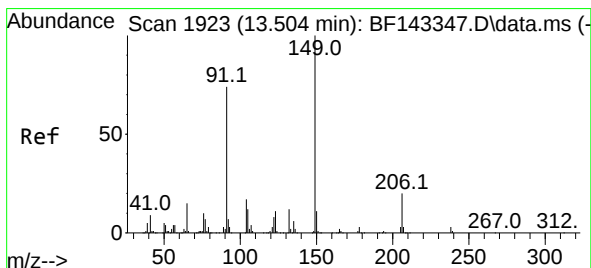
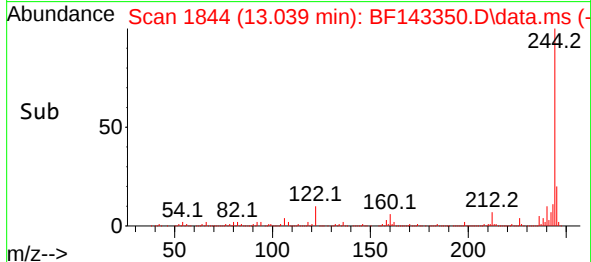
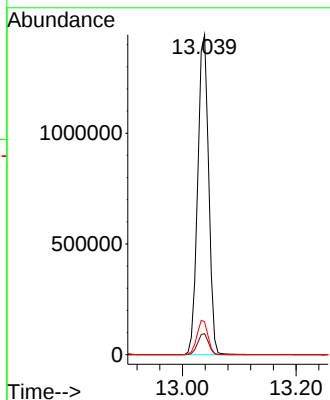
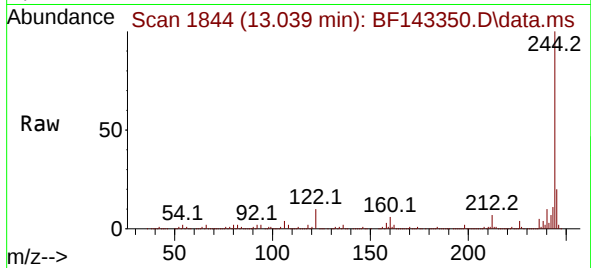




#79
Terphenyl-d14
Concen: 120.053 ng
RT: 13.039 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

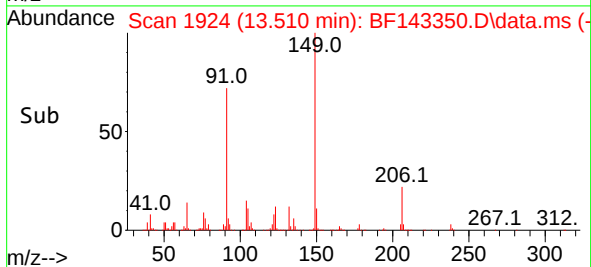
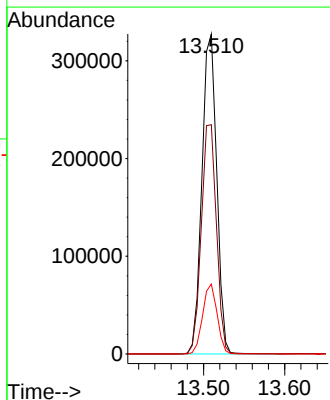
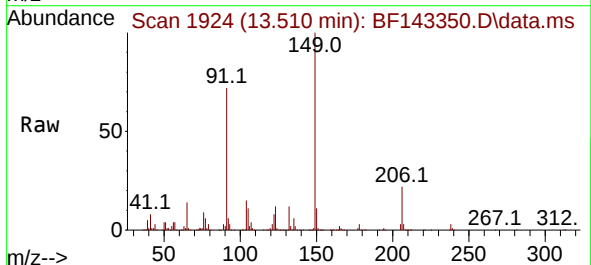
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

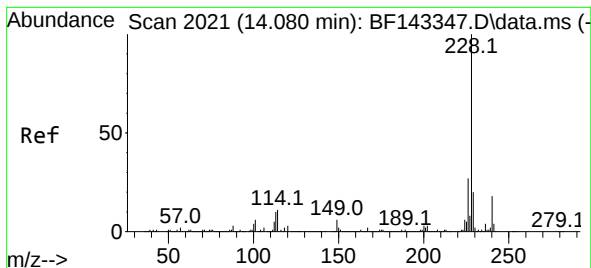
Tgt Ion:244 Resp: 1935761
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 10.2 8.9 13.3



#80
Butylbenzylphthalate
Concen: 84.007 ng
RT: 13.510 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:149 Resp: 413801
Ion Ratio Lower Upper
149 100
91 71.6 58.8 88.2
206 21.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 75.847 ng

RT: 14.086 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

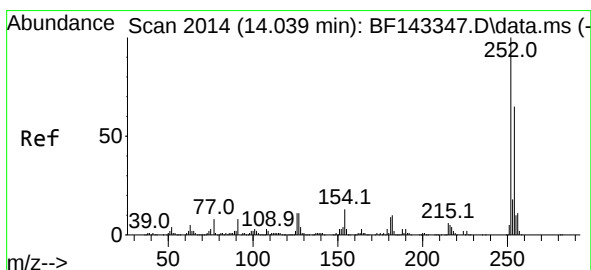
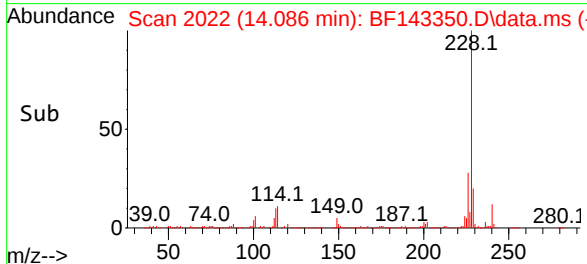
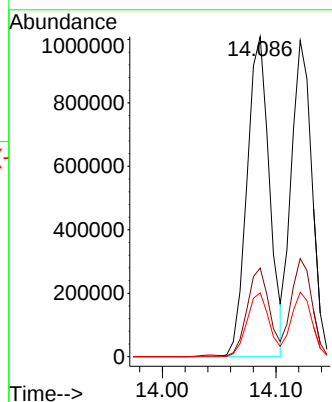
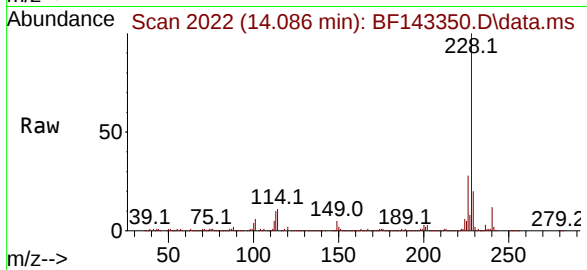
Tgt Ion:228 Resp: 1387766

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 83.540 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

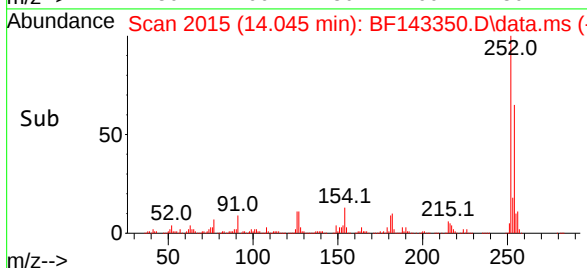
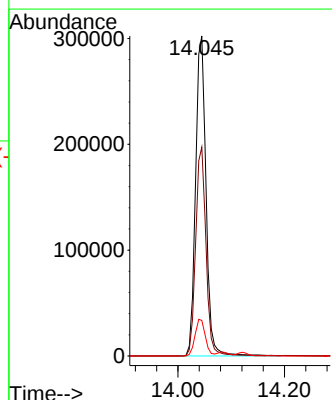
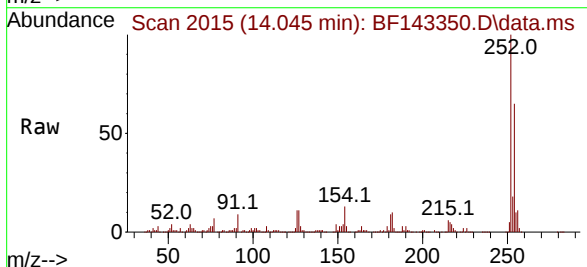
Tgt Ion:252 Resp: 412736

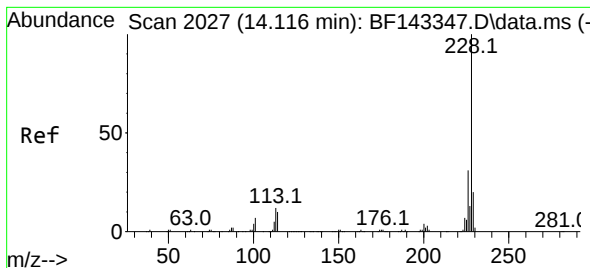
Ion Ratio Lower Upper

252 100

254 65.2 51.7 77.5

126 11.1 9.2 13.8





#83

Chrysene

Concen: 74.077 ng

RT: 14.121 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

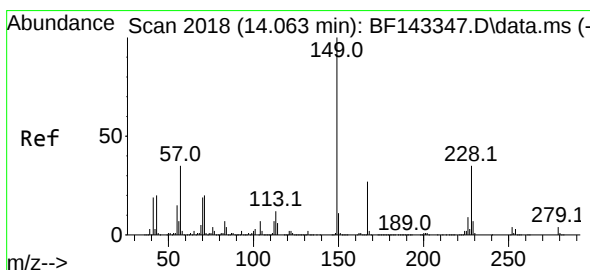
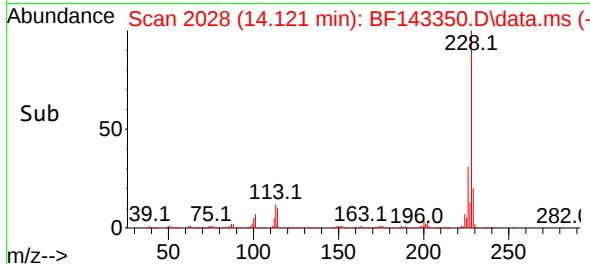
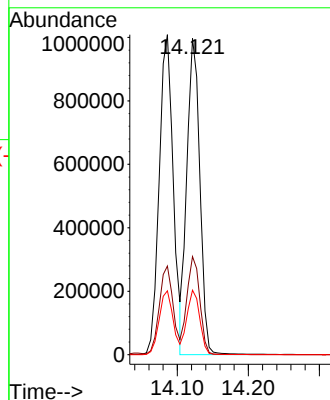
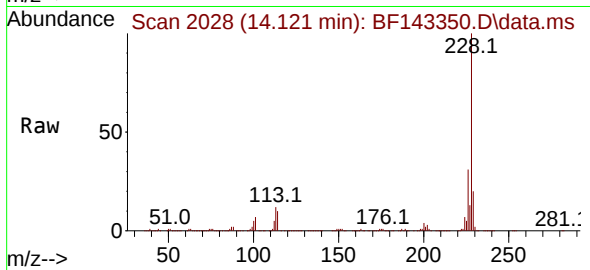
Tgt Ion:228 Resp: 1263816

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

229 20.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 83.803 ng

RT: 14.068 min Scan# 2019

Delta R.T. 0.005 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

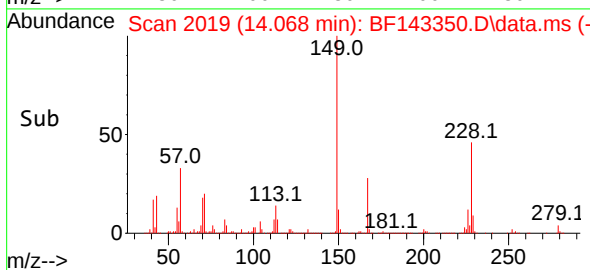
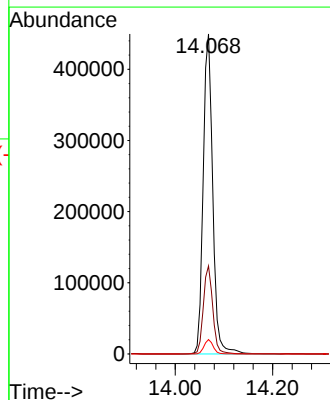
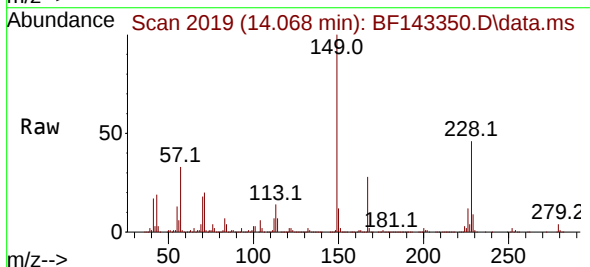
Tgt Ion:149 Resp: 611031

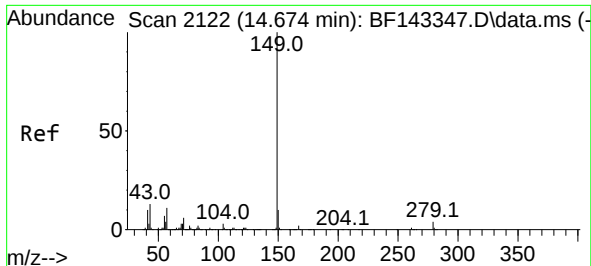
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.5 3.2 4.8

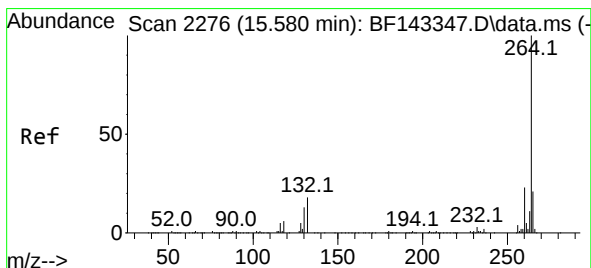
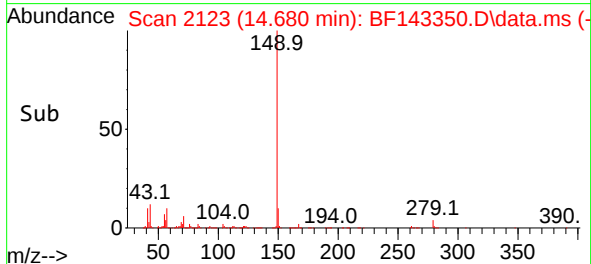
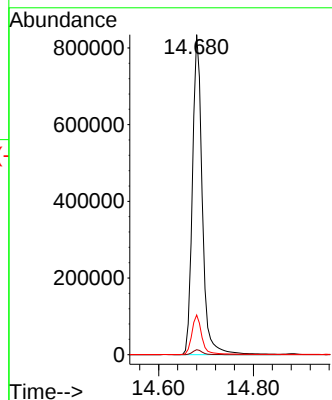
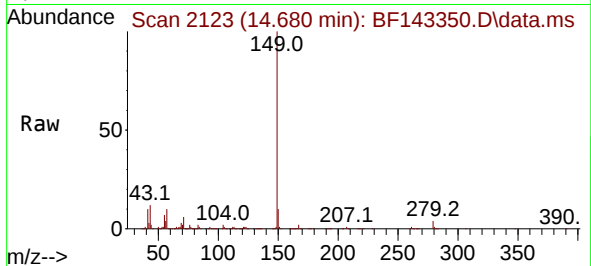




#85
Di-n-octyl phthalate
Concen: 81.478 ng
RT: 14.680 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

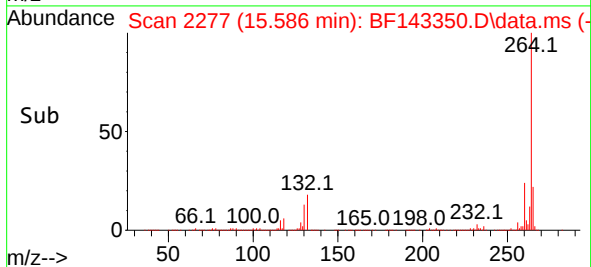
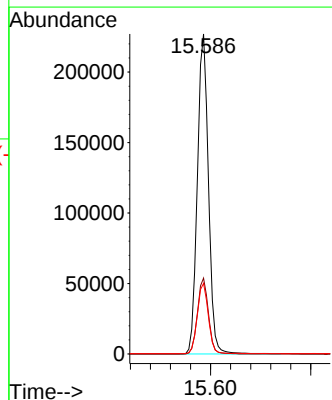
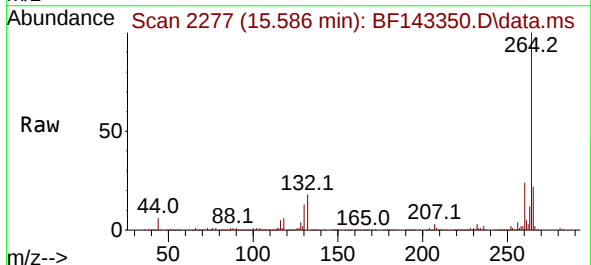
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

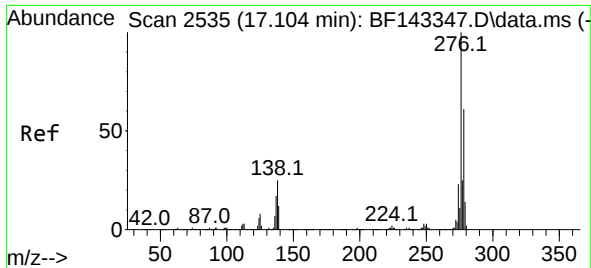
Tgt Ion:149 Resp: 1205873
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.6 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2277
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:264 Resp: 348017
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.0 17.2 25.8

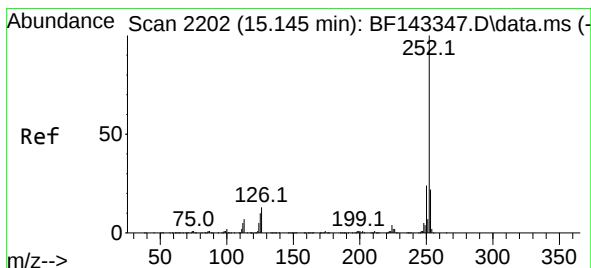
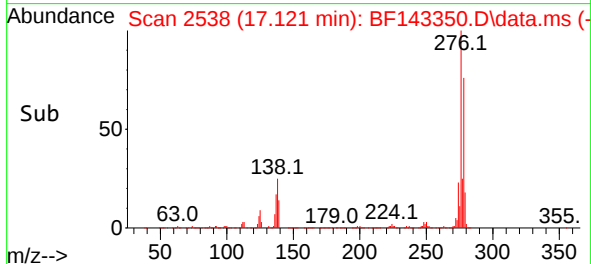
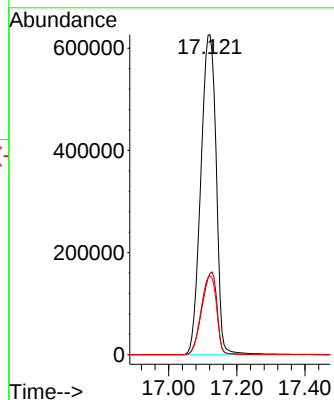
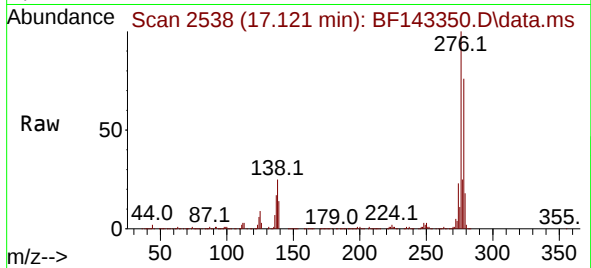




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 78.760 ng
 RT: 17.121 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BF143350.D
 Acq: 12 Aug 2025 12:38

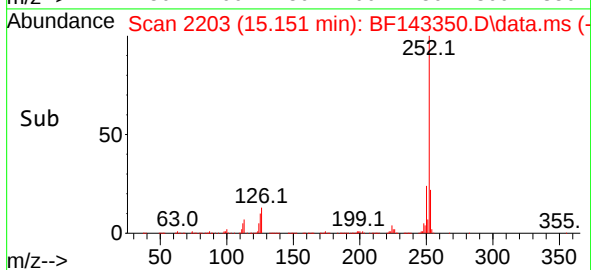
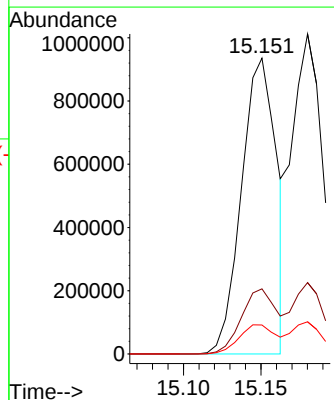
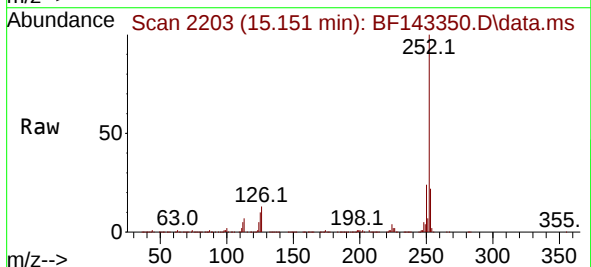
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

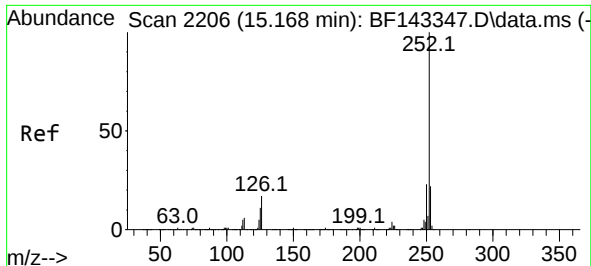
Tgt Ion:276 Resp: 1963736
 Ion Ratio Lower Upper
 276 100
 138 25.3 21.1 31.7
 277 24.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 77.108 ng
 RT: 15.151 min Scan# 2203
 Delta R.T. 0.006 min
 Lab File: BF143350.D
 Acq: 12 Aug 2025 12:38

Tgt Ion:252 Resp: 1467752
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 9.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 77.299 ng

RT: 15.180 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

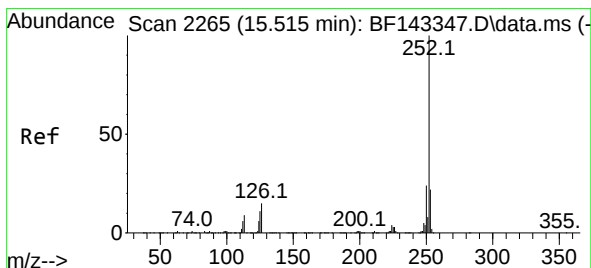
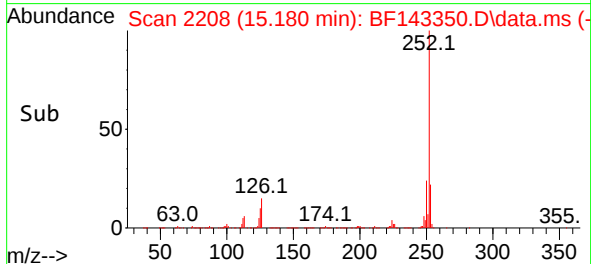
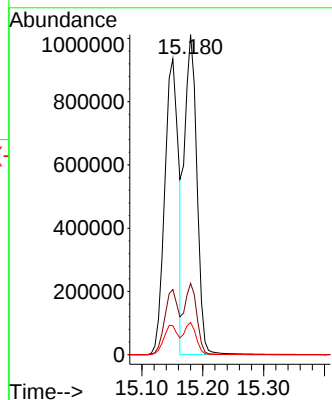
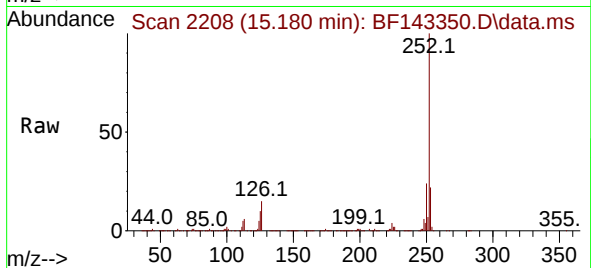
Tgt Ion:252 Resp: 1429731

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.0 8.4 12.6



#90

Benzo(a)pyrene

Concen: 78.270 ng

RT: 15.527 min Scan# 2267

Delta R.T. 0.012 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

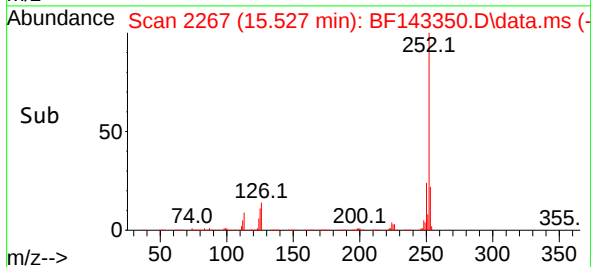
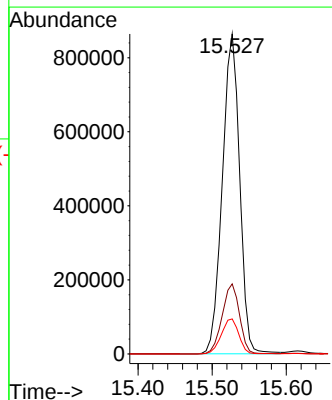
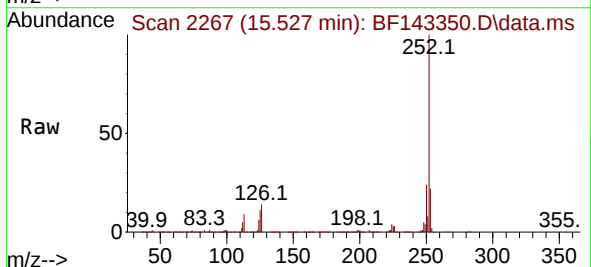
Tgt Ion:252 Resp: 1403212

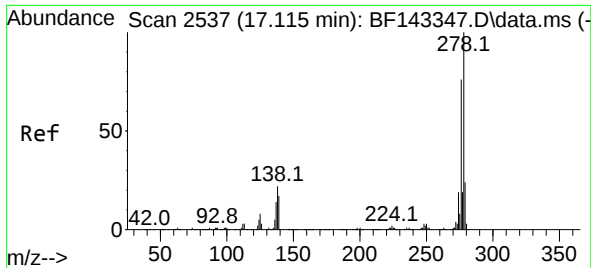
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.0 9.1 13.7

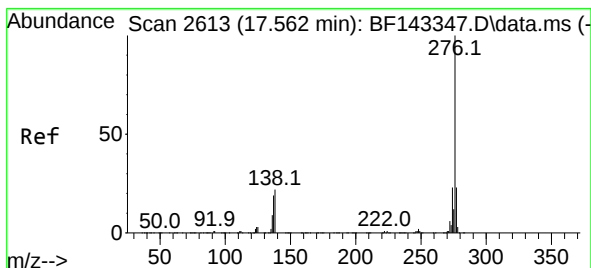
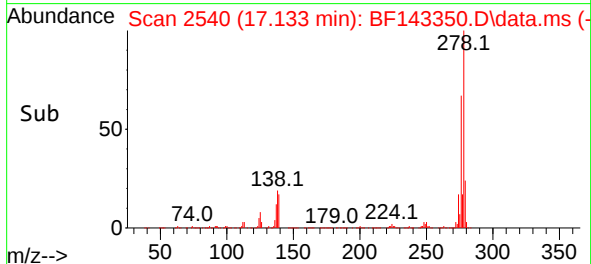
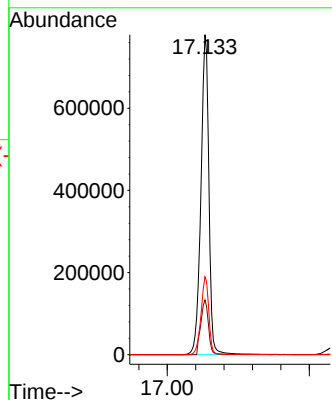
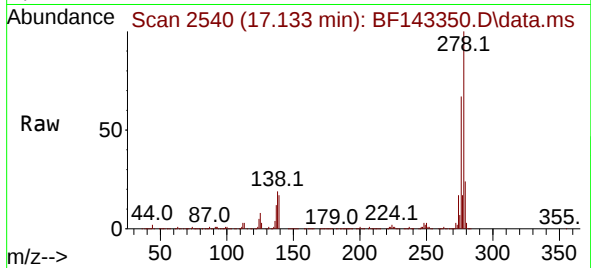




#91
Dibenzo(a,h)anthracene
Concen: 76.479 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1523387
Ion Ratio Lower Upper
278 100
139 17.1 14.0 21.0
279 24.3 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 77.932 ng
RT: 17.580 min Scan# 2616
Delta R.T. 0.017 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:276 Resp: 1563773
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 22.6 17.8 26.8

