

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143358.D
 Acq On : 12 Aug 2025 17:32
 Operator : RC/JU
 Sample : Q2807-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6MSD

Quant Time: Aug 12 17:50:48 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 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	182920	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	692344	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	366844	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	555468	20.000	ng	0.00
76) Chrysene-d12	14.092	240	416428	20.000	ng	0.00
86) Perylene-d12	15.580	264	485253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	951420	89.944	ng	0.00
7) Phenol-d6	6.563	99	1248982	92.075	ng	0.00
23) Nitrobenzene-d5	7.487	82	790054	71.062	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	321880	120.061	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1396151	64.538	ng	0.00
79) Terphenyl-d14	13.033	244	1378469	59.099	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	202404	36.978	ng	98
3) Pyridine	3.575	79	536938	36.812	ng	99
4) n-Nitrosodimethylamine	3.516	42	293233	43.157	ng	99
6) Aniline	6.593	93	508673	26.599	ng	94
8) 2-Chlorophenol	6.716	128	493385	43.651	ng	98
9) Benzaldehyde	6.481	77	290056	32.352	ng	99
10) Phenol	6.575	94	645482	40.168	ng	99
11) bis(2-Chloroethyl)ether	6.663	93	497248	41.985	ng	99
12) 1,3-Dichlorobenzene	6.875	146	538159	41.279	ng	99
13) 1,4-Dichlorobenzene	6.945	146	541866	41.412	ng	99
14) 1,2-Dichlorobenzene	7.098	146	522581	42.073	ng	99
15) Benzyl Alcohol	7.069	79	443671	45.629	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	912551	43.159	ng	96
17) 2-Methylphenol	7.181	107	407230	42.682	ng	100
18) Hexachloroethane	7.445	117	185892	45.314	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	361867	43.173	ng	100
20) 3+4-Methylphenols	7.334	107	481391	41.720	ng	97
22) Acetophenone	7.334	105	648720	42.526	ng	98
24) Nitrobenzene	7.504	77	536939	44.469	ng	99
25) Isophorone	7.745	82	1009801	44.492	ng	99
26) 2-Nitrophenol	7.822	139	251416	51.659	ng	99
27) 2,4-Dimethylphenol	7.863	122	458791	48.453	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	624694	45.081	ng	100
29) 2,4-Dichlorophenol	8.069	162	419655	45.376	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	439410	45.042	ng	99
31) Naphthalene	8.234	128	1380617	41.442	ng	100
32) Benzoic acid	7.981	122	235729	54.727	ng	96
33) 4-Chloroaniline	8.275	127	179093	14.905	ng	99
34) Hexachlorobutadiene	8.351	225	266834	43.970	ng	100
35) Caprolactam	8.645	113	106796	41.077	ng	96
36) 4-Chloro-3-methylphenol	8.763	107	439471	45.328	ng	99
37) 2-Methylnaphthalene	8.922	142	854428	39.012	ng	99
38) 1-Methylnaphthalene	9.022	142	886647	42.034	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	430702	42.905	ng	99
41) Hexachlorocyclopentadiene	9.081	237	414114	113.888	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	289029	50.746	ng	99

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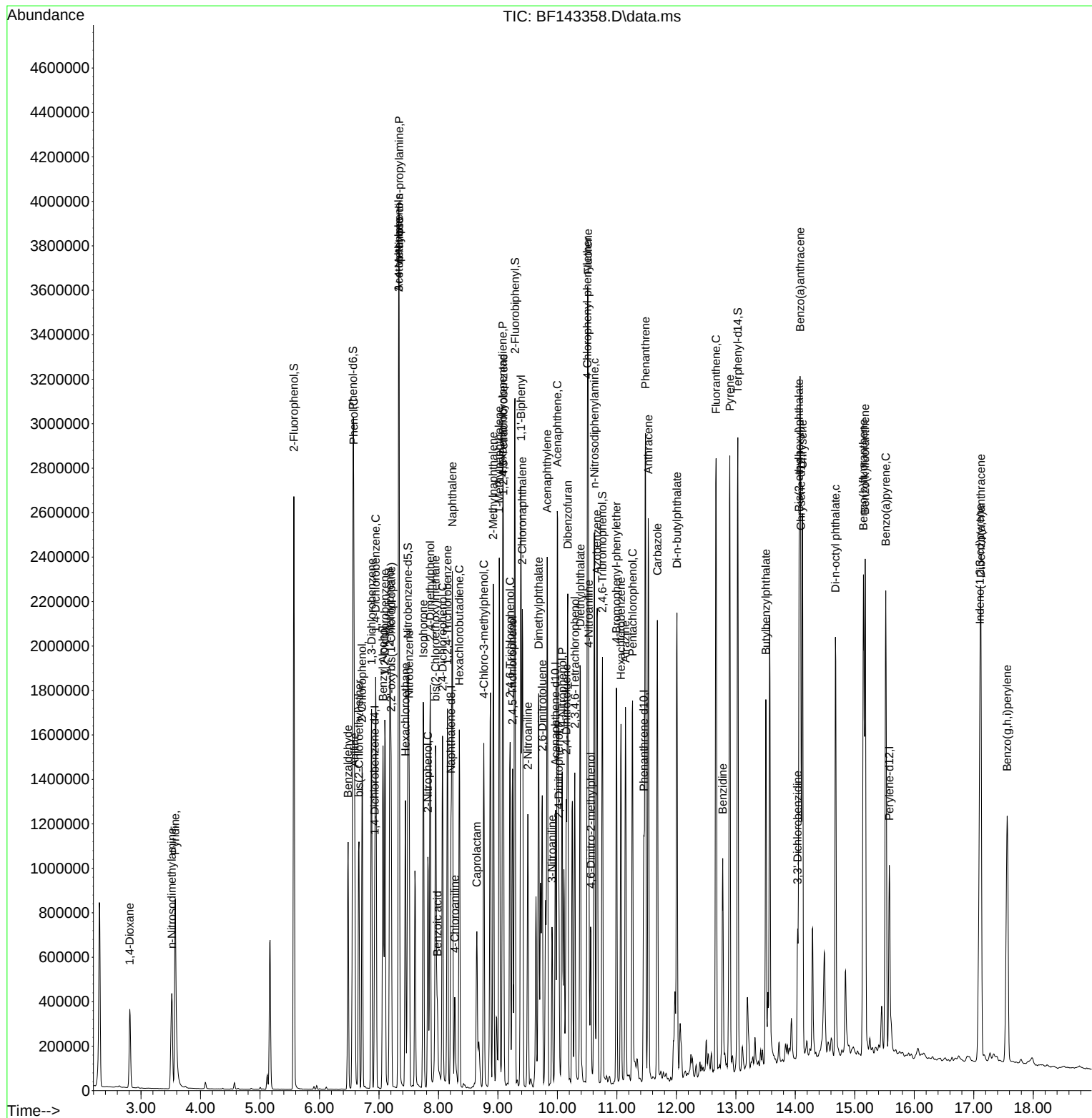
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	307429	47.798	ng	99
46) 1,1'-Biphenyl	9.386	154	1139727	43.941	ng	100
47) 2-Chloronaphthalene	9.410	162	873358	42.753	ng	99
48) 2-Nitroaniline	9.504	65	284883	48.333	ng	99
49) Acenaphthylene	9.828	152	1424103	48.274	ng	100
50) Dimethylphthalate	9.686	163	1048412	48.911	ng	100
51) 2,6-Dinitrotoluene	9.745	165	225939	55.227	ng	93
52) Acenaphthene	9.998	154	906682	46.230	ng	100
53) 3-Nitroaniline	9.910	138	145648	33.179	ng	99
54) 2,4-Dinitrophenol	10.022	184	160114	88.430	ng	88
55) Dibenzofuran	10.175	168	1234339	43.730	ng	100
56) 4-Nitrophenol	10.081	139	309159	87.566	ng	97
57) 2,4-Dinitrotoluene	10.151	165	293766	54.165	ng	93
58) Fluorene	10.516	166	942278	43.705	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	248104	57.223	ng	98
60) Diethylphthalate	10.386	149	999890	52.077	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	465365	44.671	ng	98
62) 4-Nitroaniline	10.528	138	216183	50.901	ng	98
63) Azobenzene	10.663	77	1132778	51.653	ng	97
65) 4,6-Dinitro-2-methylph...	10.563	198	123428	53.875	ng	92
66) n-Nitrosodiphenylamine	10.622	169	839356	45.891	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	296026	46.598	ng	99
68) Hexachlorobenzene	11.069	284	302252	44.139	ng	99
69) Atrazine	11.145	200	270600	56.724	ng	99
70) Pentachlorophenol	11.263	266	314047	92.681	ng	97
71) Phenanthrene	11.480	178	1562552	51.559	ng	99
72) Anthracene	11.527	178	1399057	45.520	ng	100
73) Carbazole	11.680	167	1164859	44.502	ng	99
74) Di-n-butylphthalate	12.010	149	1466852	66.224	ng	100
75) Fluoranthene	12.669	202	1596667	60.145	ng	99
77) Benzidine	12.780	184	502788	44.163	ng	99
78) Pyrene	12.898	202	1594136	45.632	ng	99
80) Butylbenzylphthalate	13.504	149	508159	71.821	ng	99
81) Benzo(a)anthracene	14.080	228	1366635	51.634	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	179105	25.060	ng	99
83) Chrysene	14.121	228	1273528	51.602	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	753262	72.006	ng	99
85) Di-n-octyl phthalate	14.674	149	1290695	61.853	ng	97
87) Indeno(1,2,3-cd)pyrene	17.104	276	1392678	40.060	ng	100
88) Benzo(b)fluoranthene	15.145	252	1535888	57.868	ng	99
89) Benzo(k)fluoranthene	15.174	252	1122098	43.509	ng	99
90) Benzo(a)pyrene	15.521	252	1321279	52.856	ng	100
91) Dibenzo(a,h)anthracene	17.121	278	1084994	39.066	ng	99
92) Benzo(g,h,i)perylene	17.562	276	1052897	37.632	ng	99

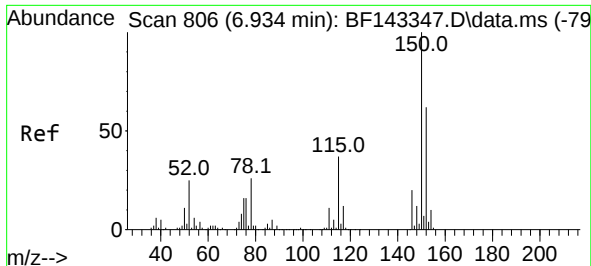
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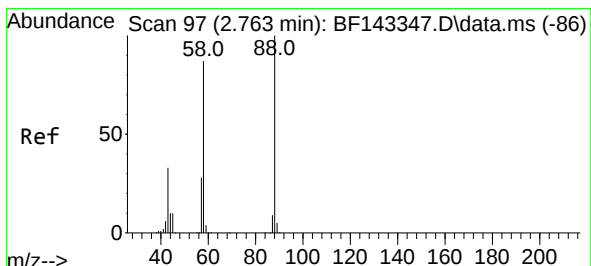
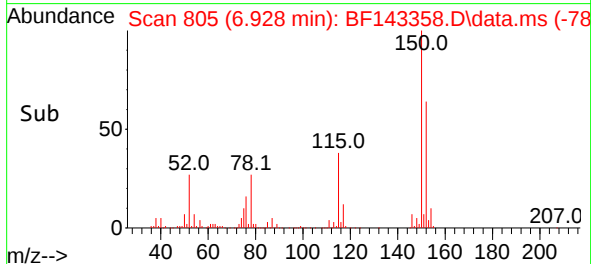
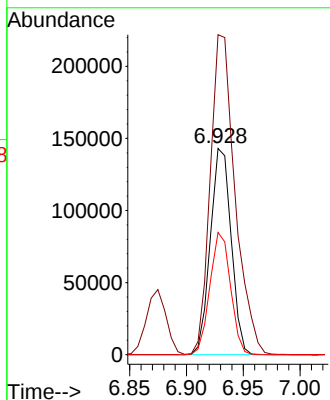
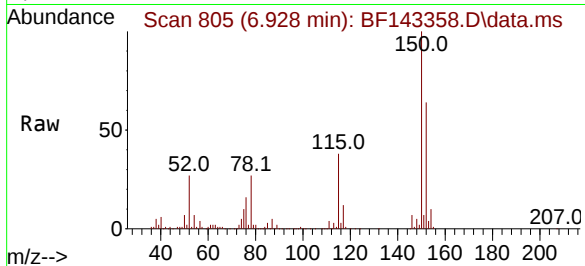




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF143358.D
 Acq: 12 Aug 2025 17:32

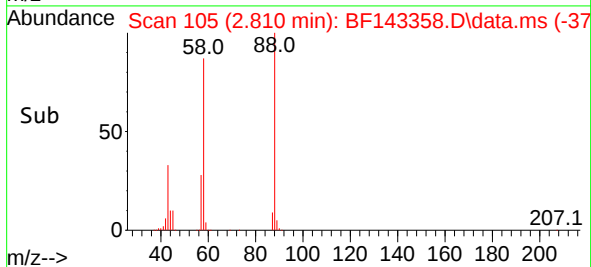
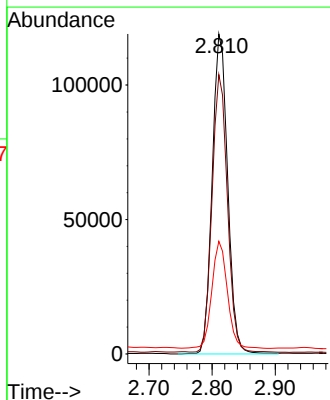
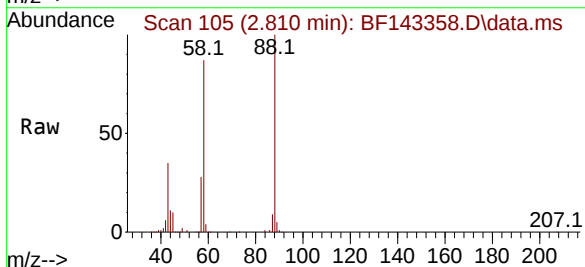
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 ClientSampleId :
 COMP-6MSD

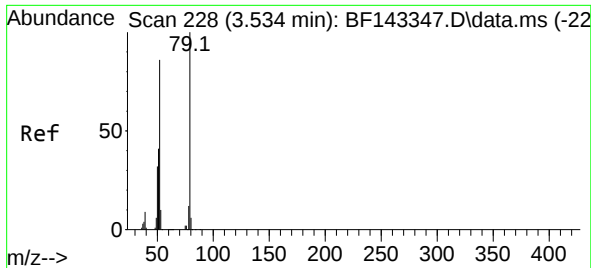
Tgt Ion:152 Resp: 182920
 Ion Ratio Lower Upper
 152 100
 150 155.1 129.8 194.8
 115 59.2 47.8 71.8



#2
 1,4-Dioxane
 Concen: 36.978 ng
 RT: 2.810 min Scan# 105
 Delta R.T. 0.047 min
 Lab File: BF143358.D
 Acq: 12 Aug 2025 17:32

Tgt Ion: 88 Resp: 202404
 Ion Ratio Lower Upper
 88 100
 58 86.3 71.0 106.6
 43 33.4 27.0 40.6

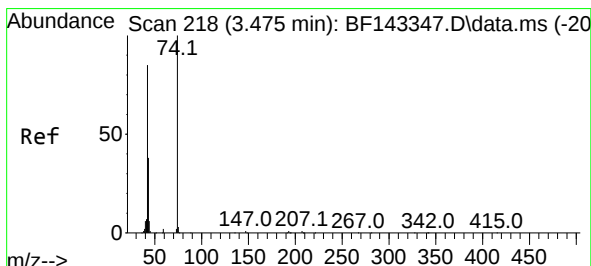
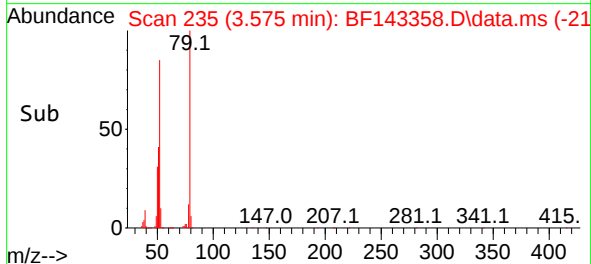
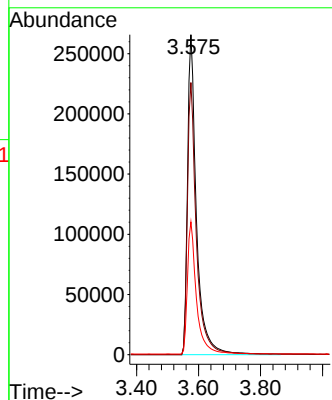
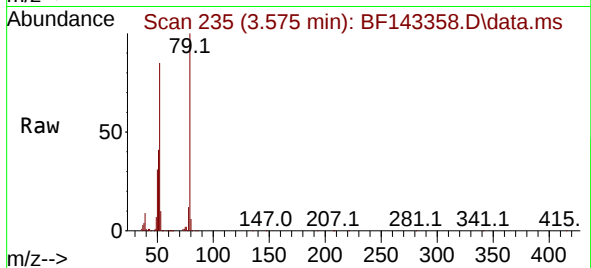




#3
Pyridine
Concen: 36.812 ng
RT: 3.575 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

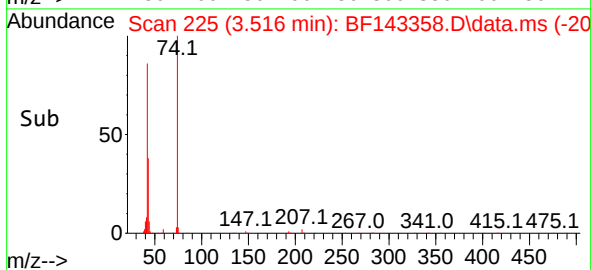
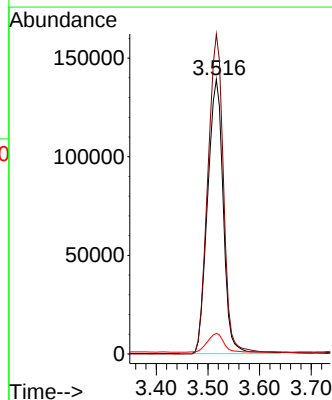
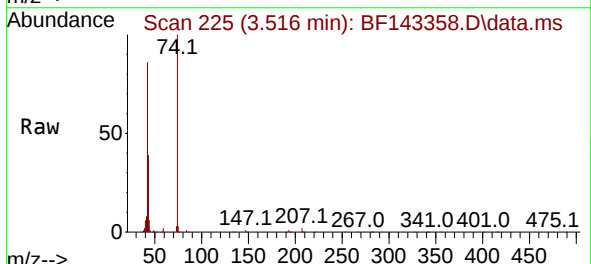
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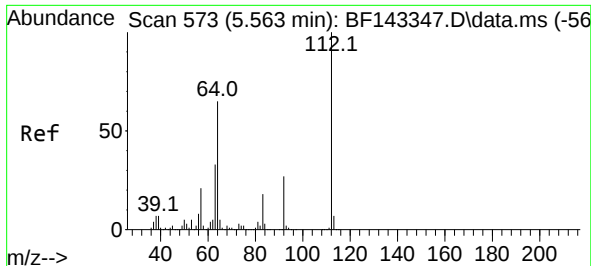
Tgt Ion: 79 Resp: 536938
Ion Ratio Lower Upper
79 100
52 85.0 68.7 103.1
51 41.5 33.4 50.0



#4
n-Nitrosodimethylamine
Concen: 43.157 ng
RT: 3.516 min Scan# 225
Delta R.T. 0.041 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion: 42 Resp: 293233
Ion Ratio Lower Upper
42 100
74 116.6 94.1 141.1
44 7.5 6.5 9.7

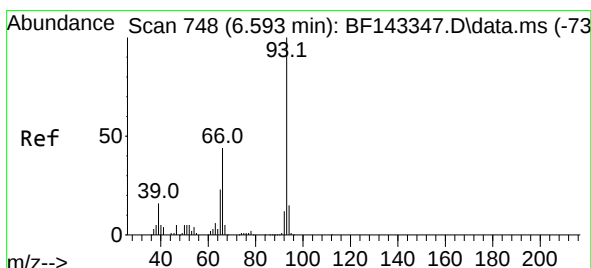
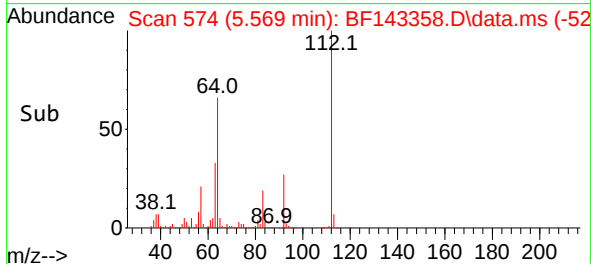
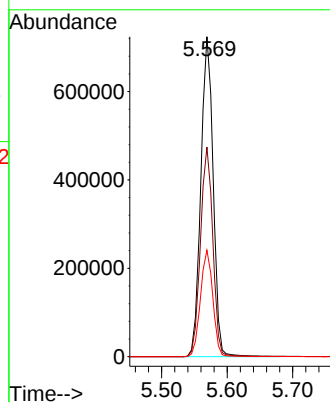
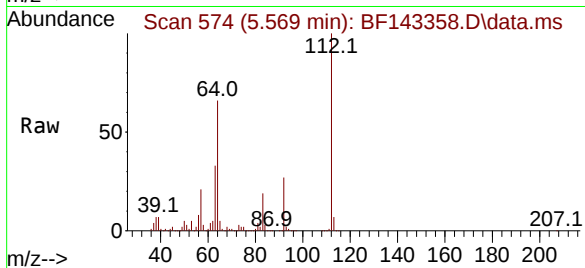




#5
2-Fluorophenol
Concen: 89.944 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

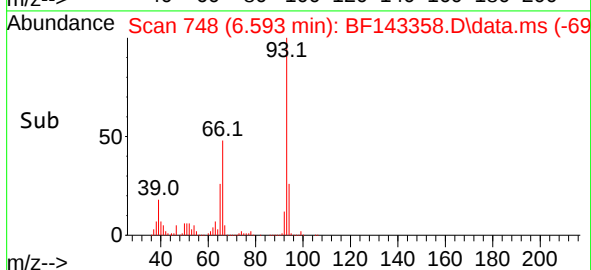
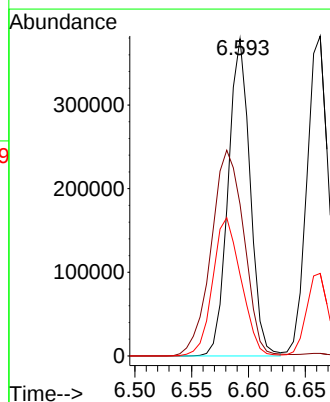
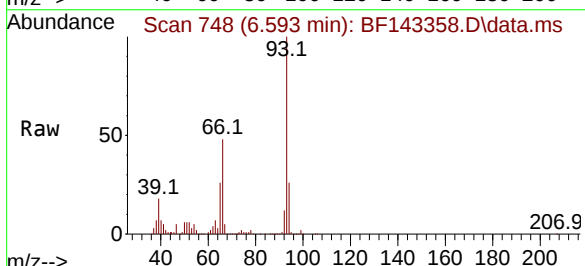
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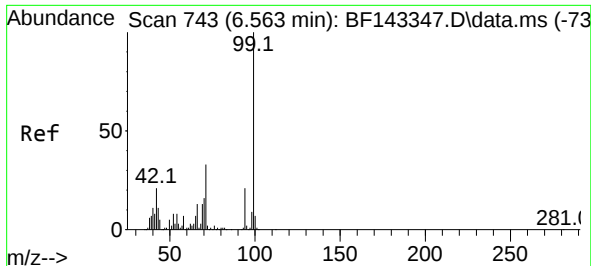
Tgt Ion:112 Resp: 951420
Ion Ratio Lower Upper
112 100
64 65.5 52.1 78.1
63 33.3 26.6 39.8



#6
Aniline
Concen: 26.599 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion: 93 Resp: 508673
Ion Ratio Lower Upper
93 100
66 47.8 35.3 52.9
65 25.6 18.2 27.4

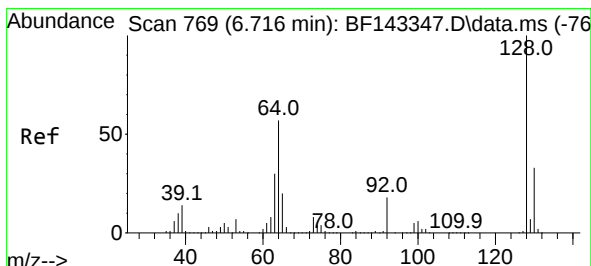
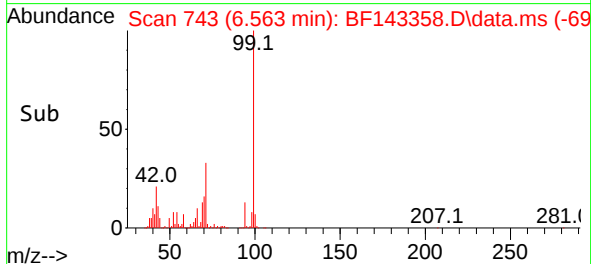
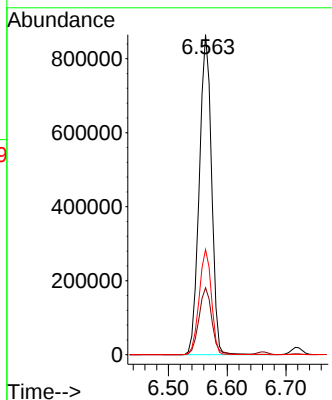
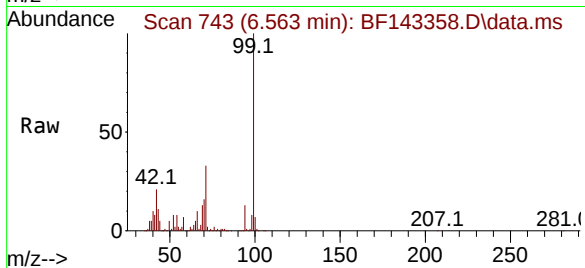




#7
Phenol-d6
Concen: 92.075 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143358.D
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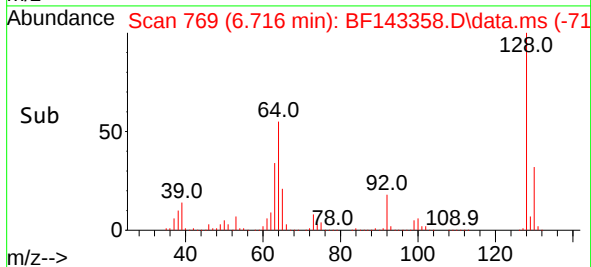
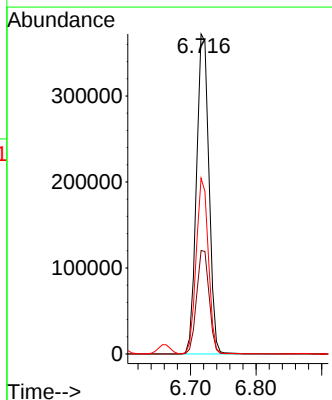
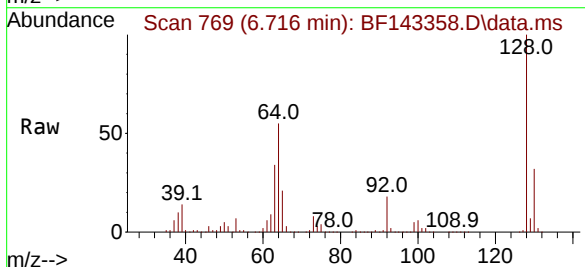
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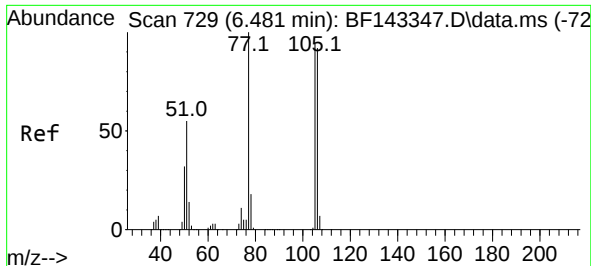
Tgt Ion: 99 Resp: 1248982
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 32.8 26.2 39.2



#8
2-Chlorophenol
Concen: 43.651 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion: 128 Resp: 493385
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 55.0 36.7 76.7





#9

Benzaldehyde

Concen: 32.352 ng

RT: 6.481 min Scan# 729

Delta R.T. -0.000 min

Lab File: BF143358.D

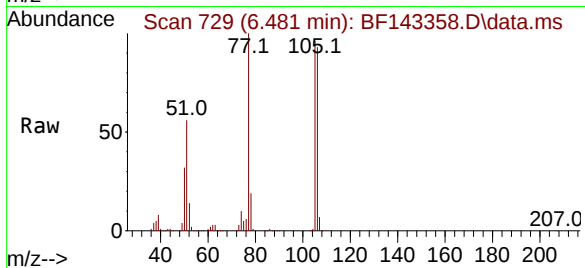
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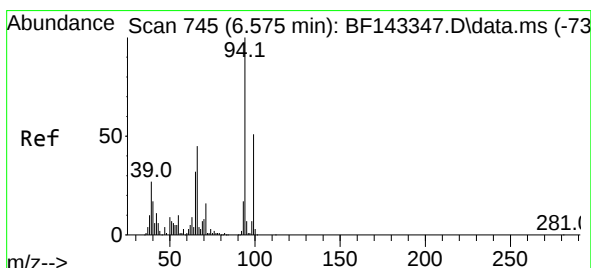
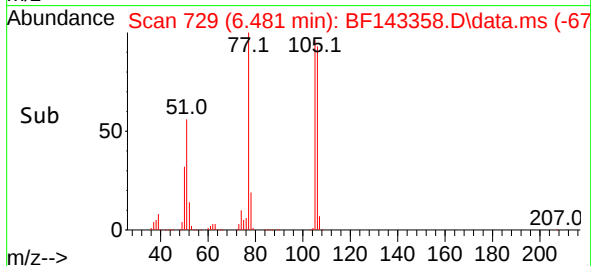
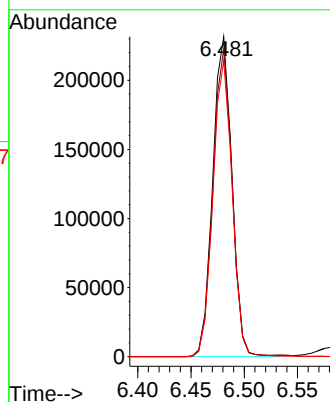
Tgt Ion: 77 Resp: 290056

Ion Ratio Lower Upper

77 100

105 96.2 74.2 114.2

106 92.6 72.2 112.2



#10

Phenol

Concen: 40.168 ng

RT: 6.575 min Scan# 745

Delta R.T. 0.000 min

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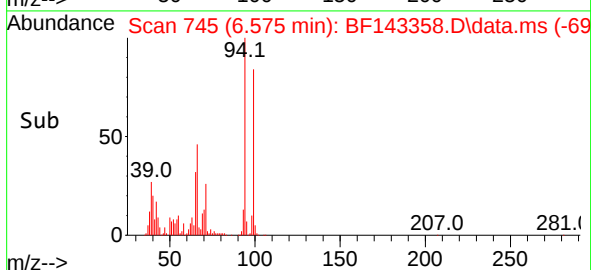
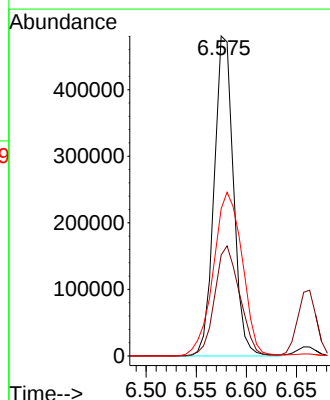
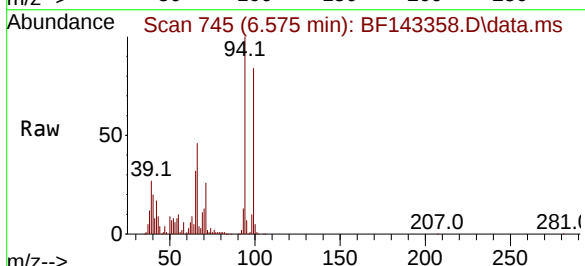
Tgt Ion: 94 Resp: 645482

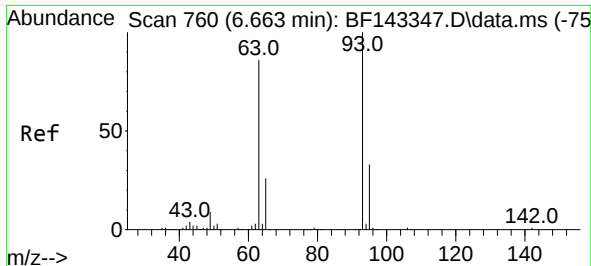
Ion Ratio Lower Upper

94 100

65 31.5 12.0 52.0

66 46.0 25.6 65.6

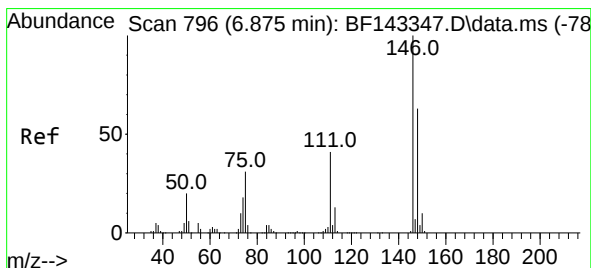
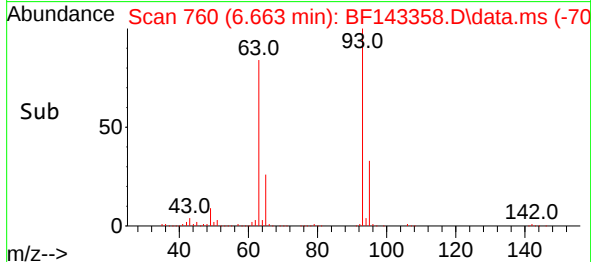
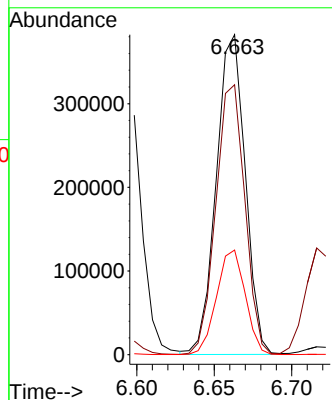
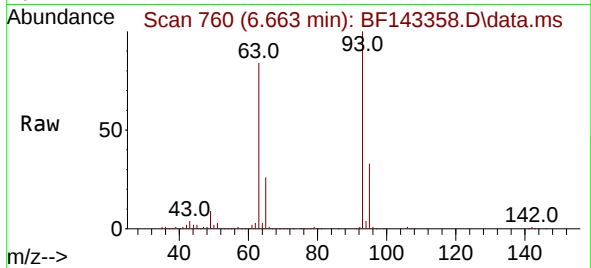




#11
bis(2-Chloroethyl)ether
Concen: 41.985 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

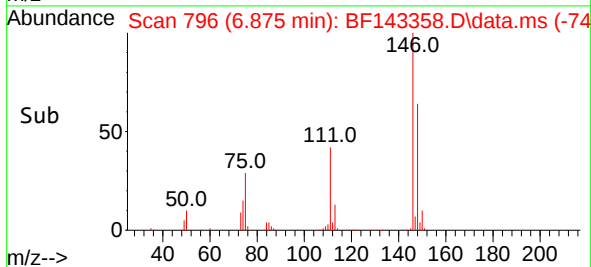
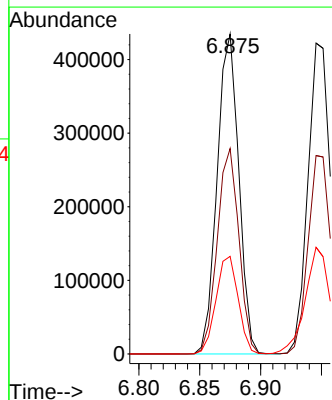
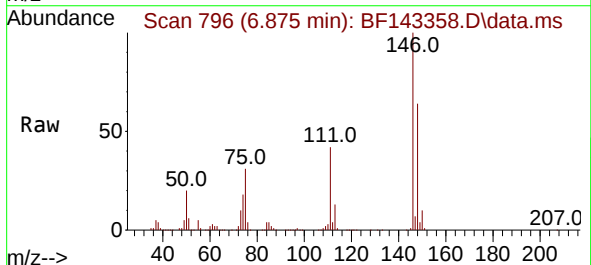
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

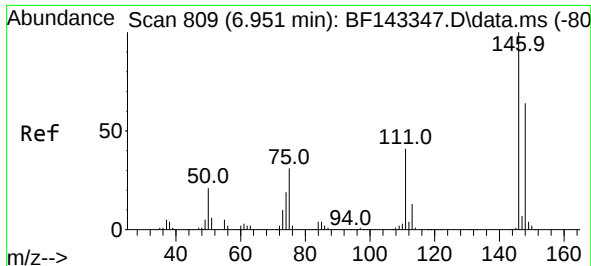
Tgt Ion: 93 Resp: 497248
Ion Ratio Lower Upper
93 100
63 84.3 65.7 105.7
95 32.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 41.279 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion: 146 Resp: 538159
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
75 30.5 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 41.412 ng

RT: 6.945 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD

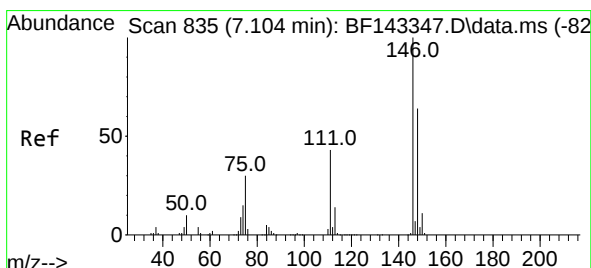
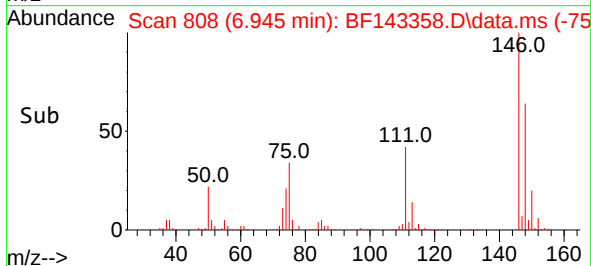
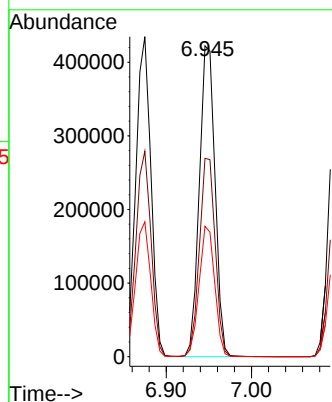
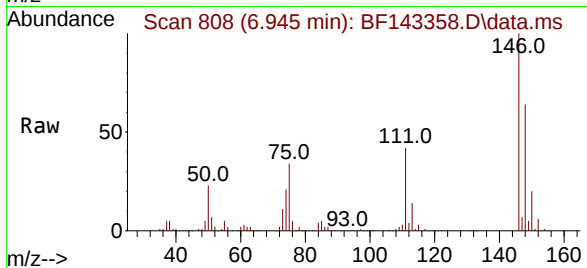
Tgt Ion:146 Resp: 541866

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

111 41.9 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 42.073 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

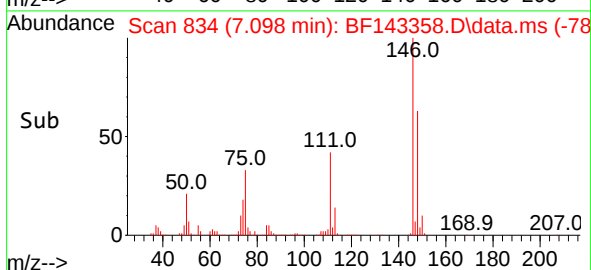
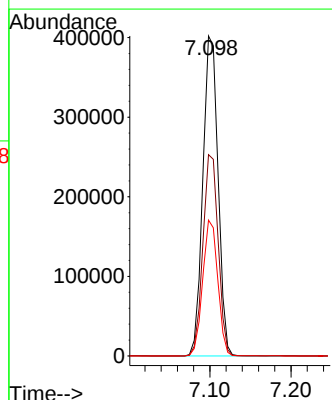
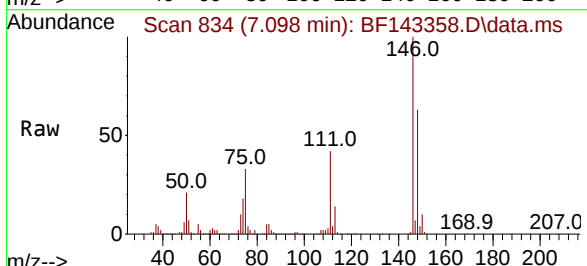
Tgt Ion:146 Resp: 522581

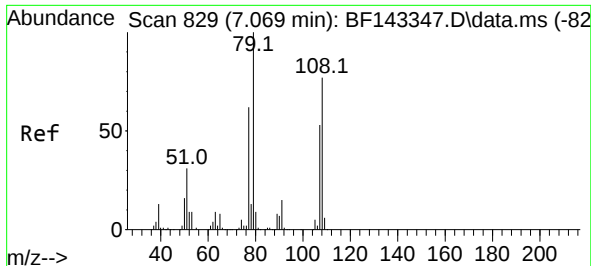
Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.2

111 42.5 34.1 51.1

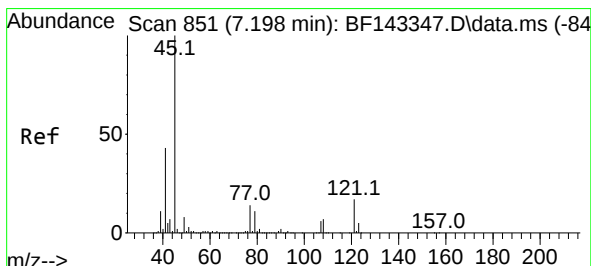
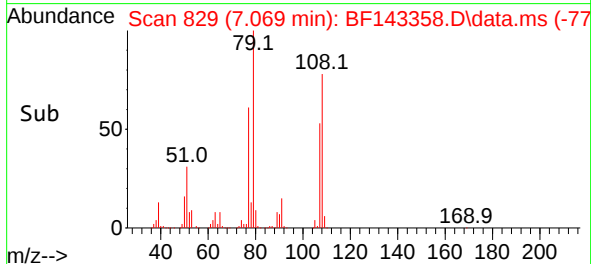
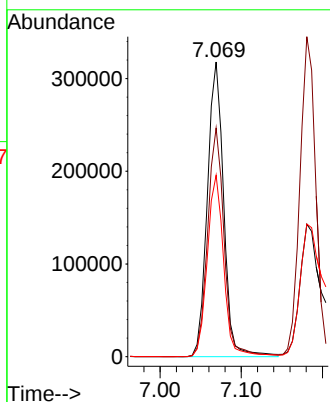
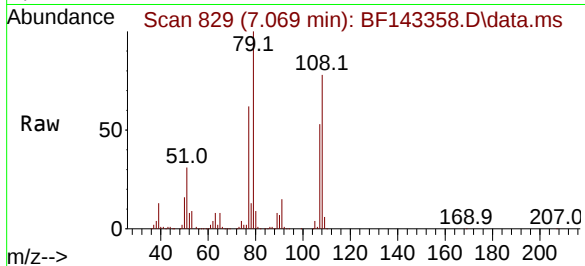




#15
Benzyl Alcohol
Concen: 45.629 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

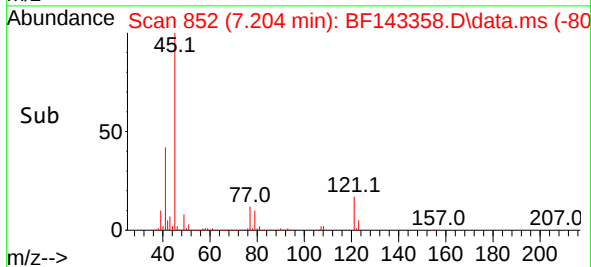
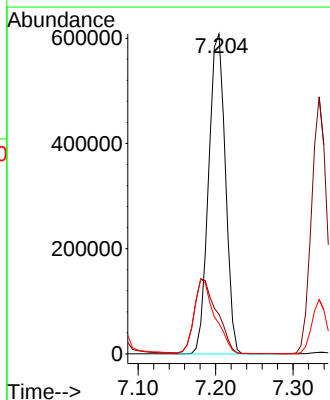
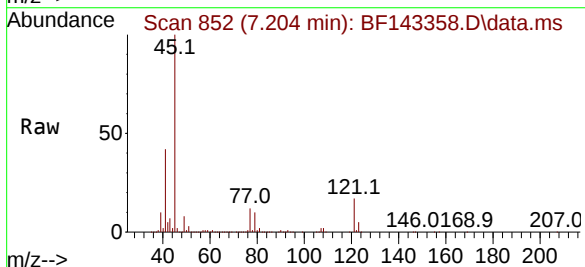
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

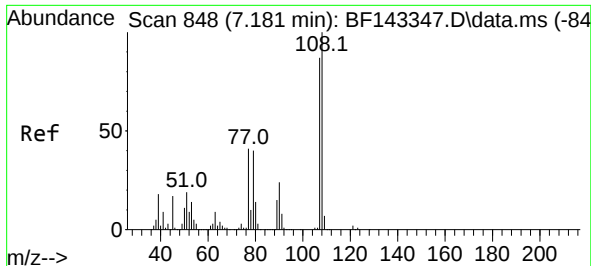
Tgt Ion: 79 Resp: 443671
Ion Ratio Lower Upper
79 100
108 77.6 61.5 92.3
77 61.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.159 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion: 45 Resp: 912551
Ion Ratio Lower Upper
45 100
77 12.4 0.0 34.0
79 9.6 0.0 31.1



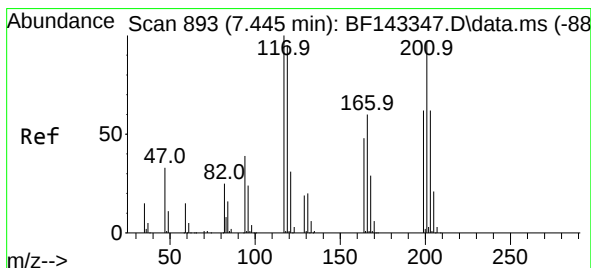
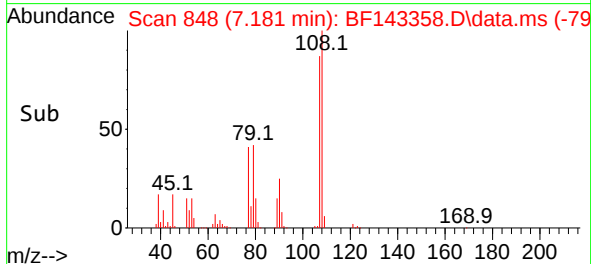
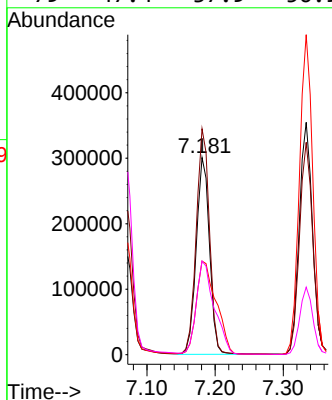
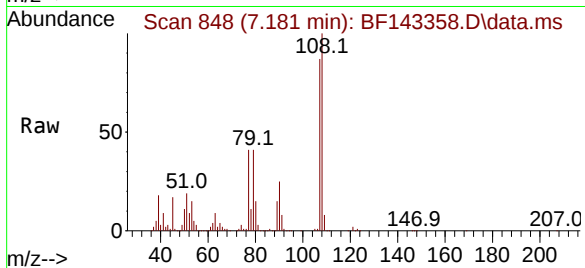


#17
2-Methylphenol
Concen: 42.682 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

Tgt Ion:107 Resp: 407230

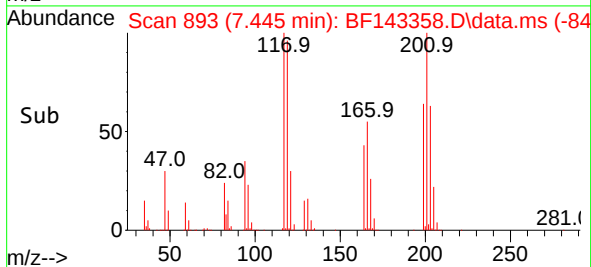
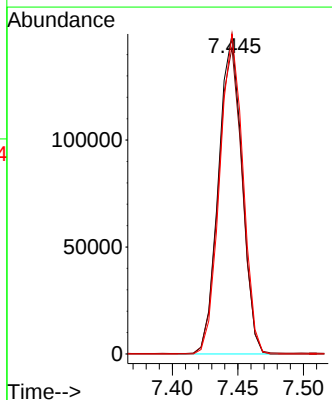
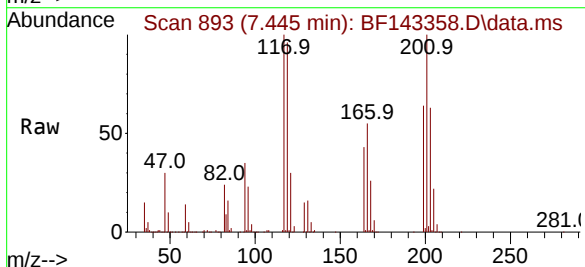
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.0	138.0
77	47.5	38.2	57.2
79	47.4	37.9	56.9

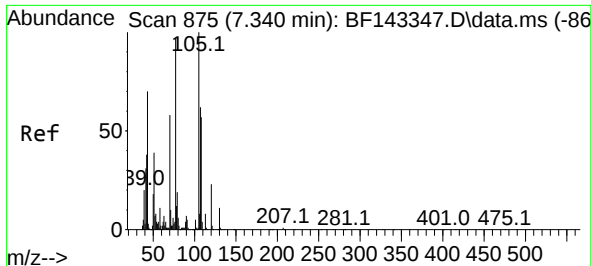


#18
Hexachloroethane
Concen: 45.314 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:117 Resp: 185892

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	100.3	77.2	115.8

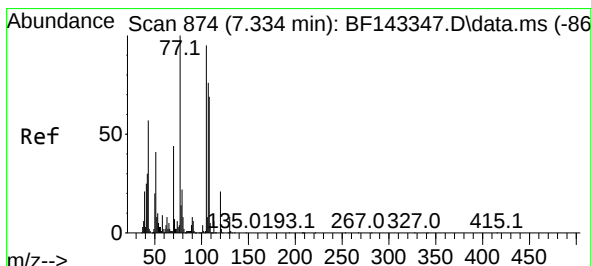
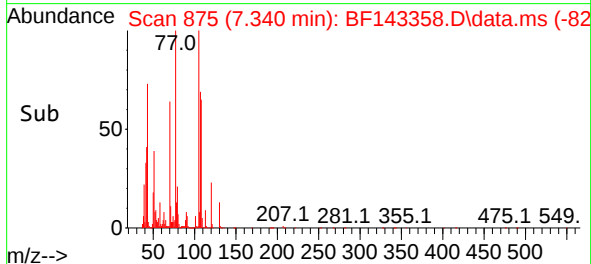
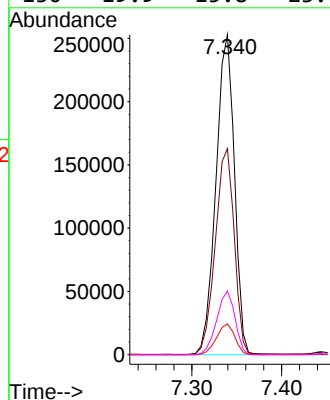
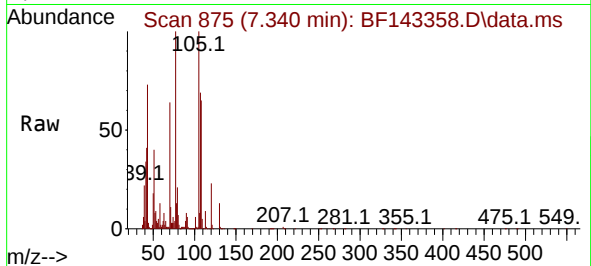




#19
n-Nitroso-di-n-propylamine
Concen: 43.173 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

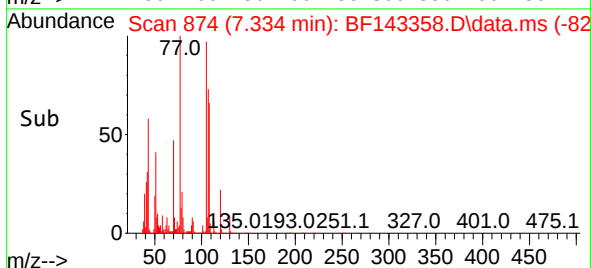
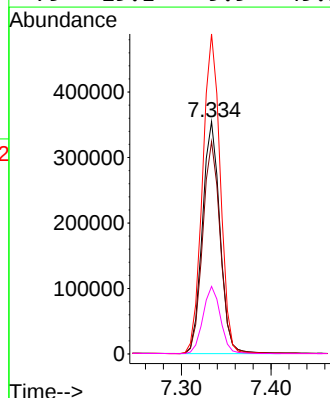
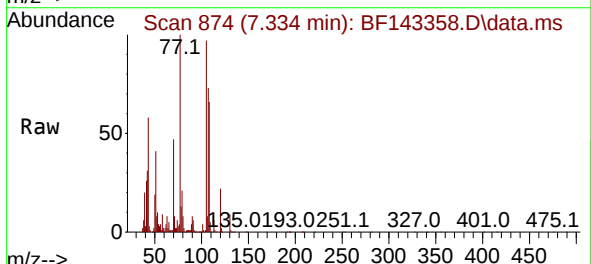
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

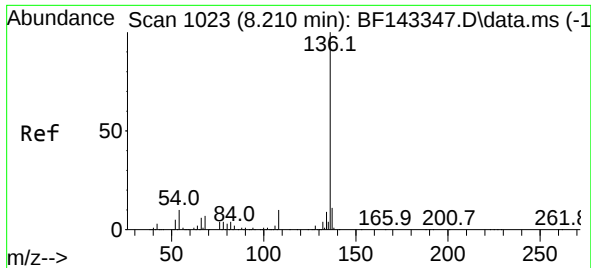
Tgt Ion: 70 Resp: 361867
Ion Ratio Lower Upper
70 100
42 64.4 51.6 77.4
101 9.7 7.5 11.3
130 19.9 15.8 23.6



#20
3+4-Methylphenols
Concen: 41.720 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion: 107 Resp: 481391
Ion Ratio Lower Upper
107 100
108 91.4 70.6 110.6
77 137.8 112.0 152.0
79 29.1 9.9 49.9

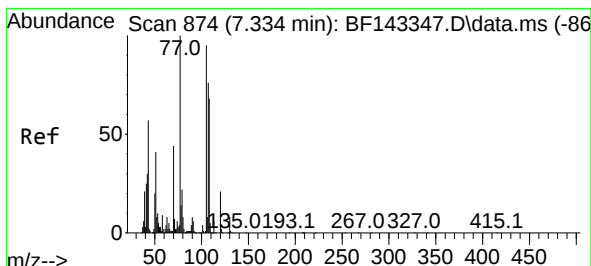
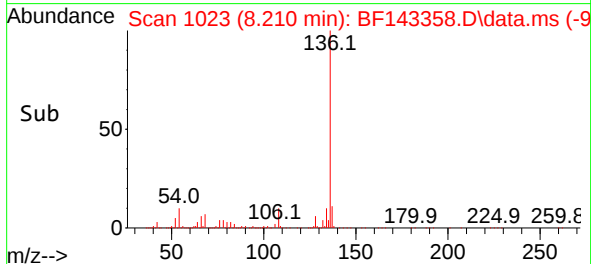
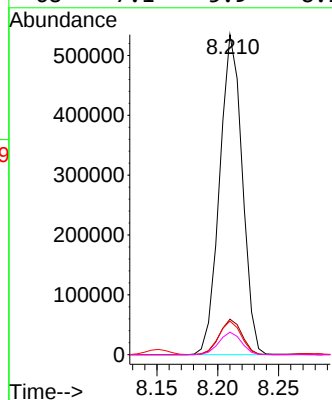
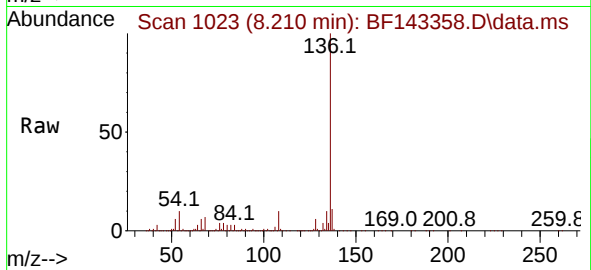




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

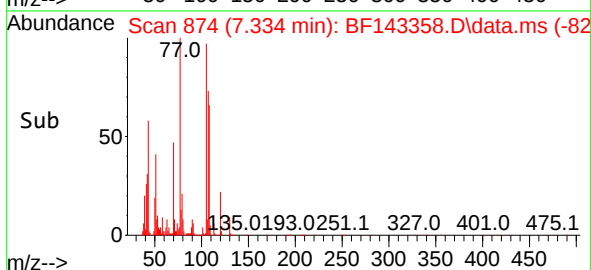
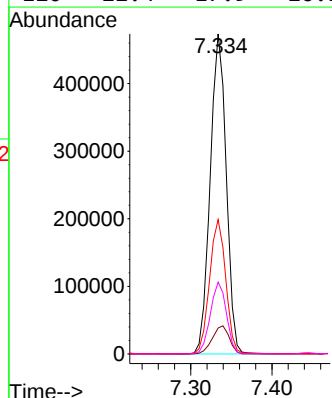
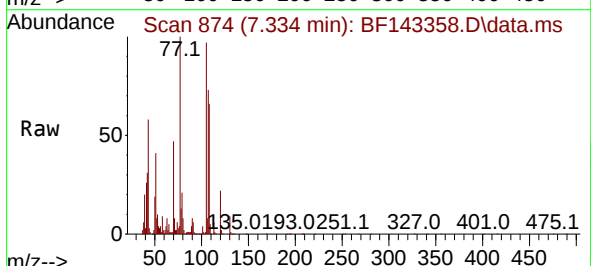
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

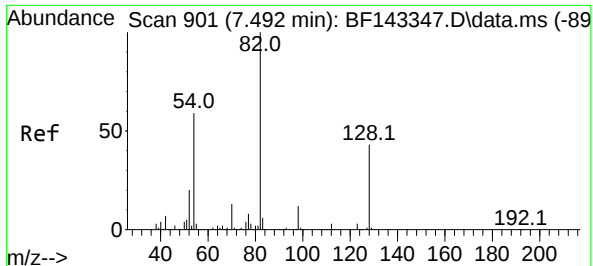
Tgt Ion:	136	Resp:	692344
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	10.5	8.4	12.6
68	7.1	5.9	8.9



#22
Acetophenone
Concen: 42.526 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:	105	Resp:	648720
Ion Ratio	Lower	Upper	
105	100		
71	8.1	6.2	9.4
51	42.0	34.8	52.2
120	22.4	17.9	26.9





#23

Nitrobenzene-d5

Concen: 71.062 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD

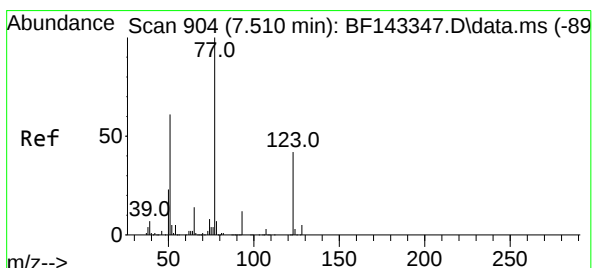
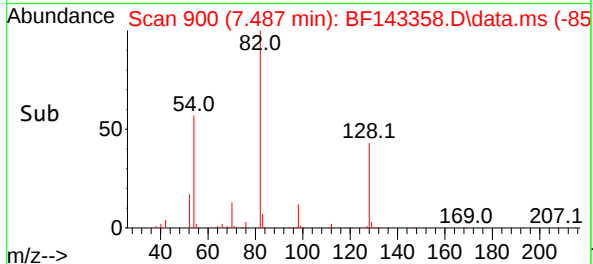
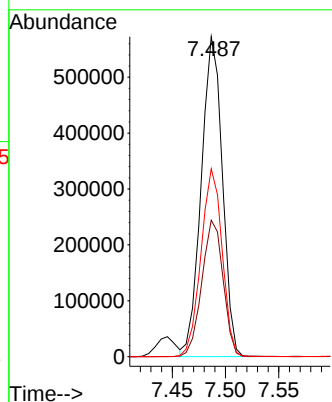
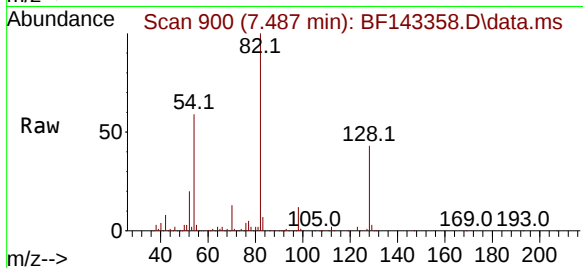
Tgt Ion: 82 Resp: 790054

Ion Ratio Lower Upper

82 100

128 42.7 33.5 50.3

54 58.7 46.7 70.1



#24

Nitrobenzene

Concen: 44.469 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

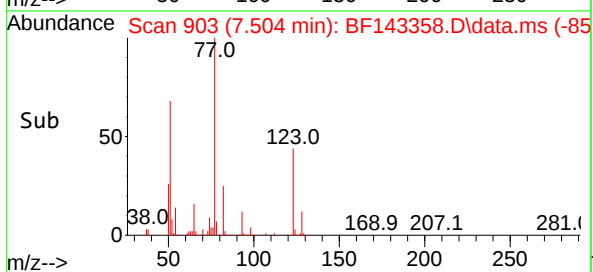
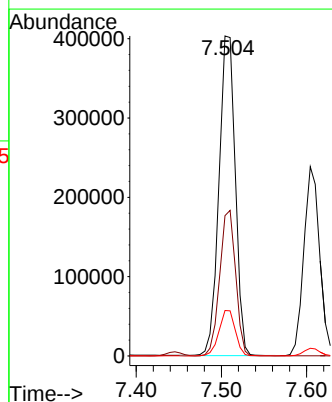
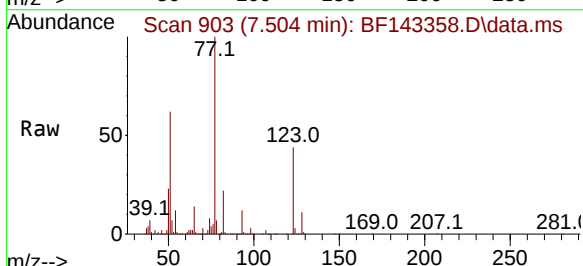
Tgt Ion: 77 Resp: 536939

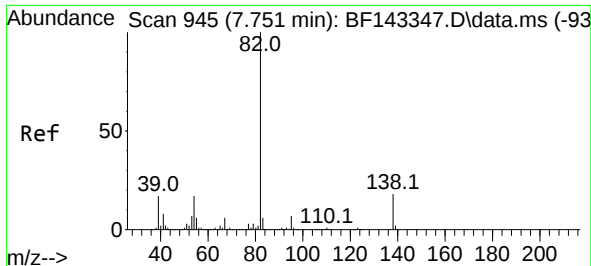
Ion Ratio Lower Upper

77 100

123 43.8 34.8 52.2

65 14.2 11.0 16.6

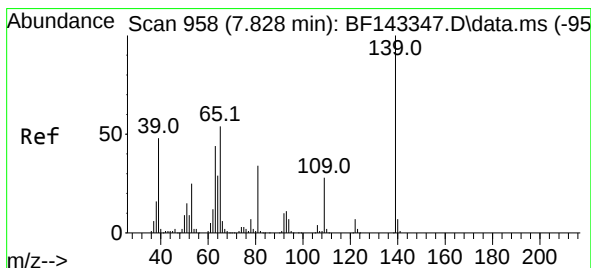
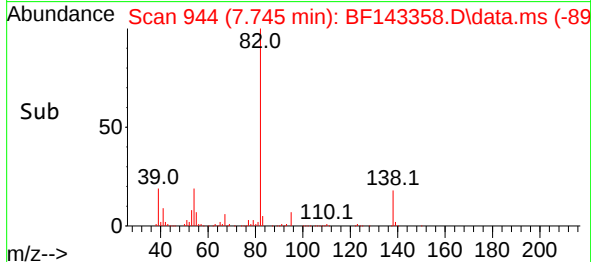
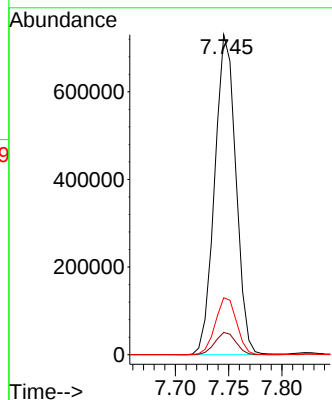
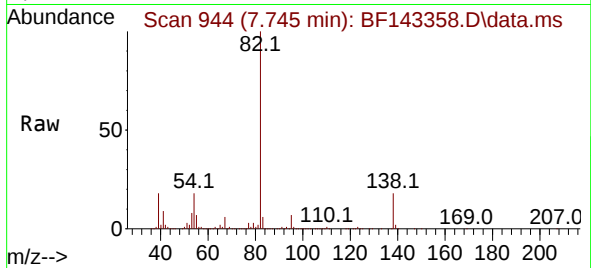




#25
Isophorone
Concen: 44.492 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

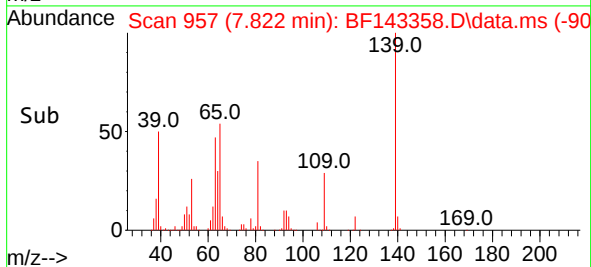
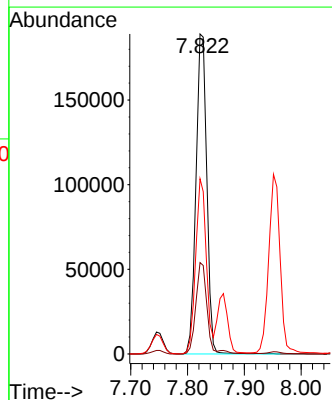
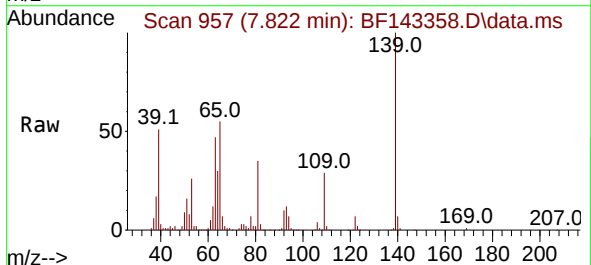
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

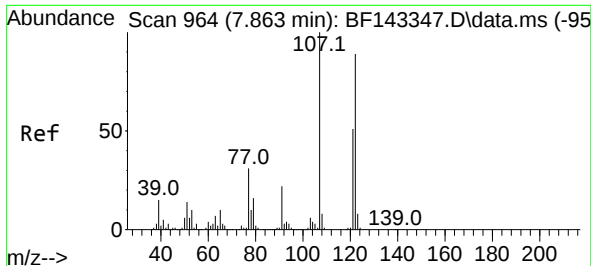
Tgt Ion: 82 Resp: 1009801
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 14.6 21.8



#26
2-Nitrophenol
Concen: 51.659 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:139 Resp: 251416
Ion Ratio Lower Upper
139 100
109 28.6 22.4 33.6
65 54.7 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 48.453 ng

RT: 7.863 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF143358.D

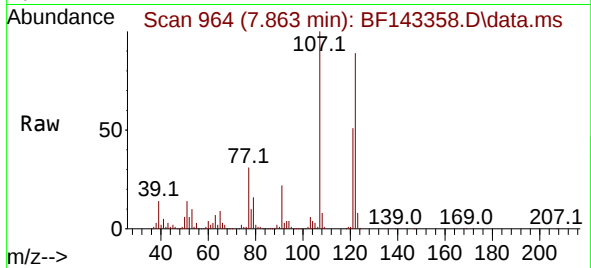
Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD



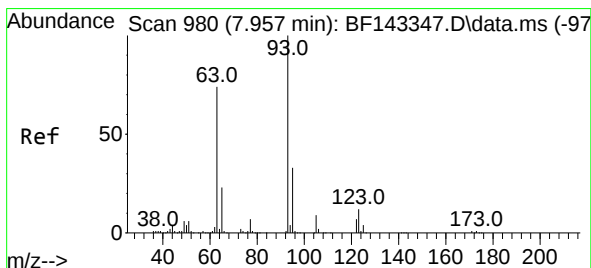
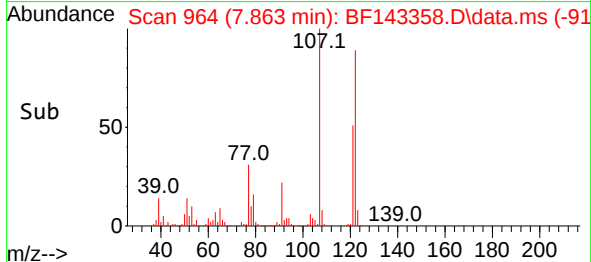
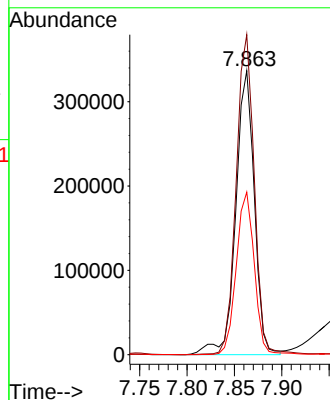
Tgt Ion:122 Resp: 458791

Ion Ratio Lower Upper

122 100

107 112.7 89.9 134.9

121 57.3 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.081 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

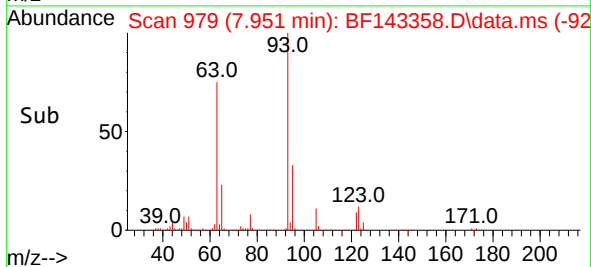
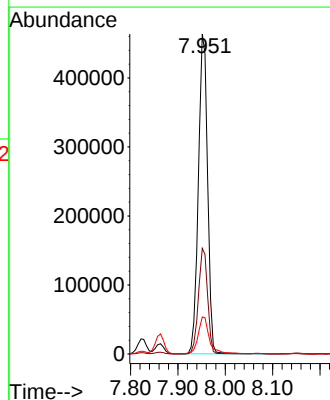
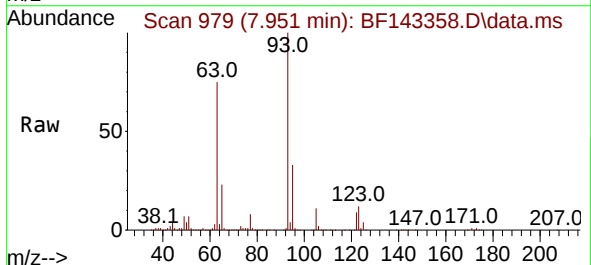
Tgt Ion: 93 Resp: 624694

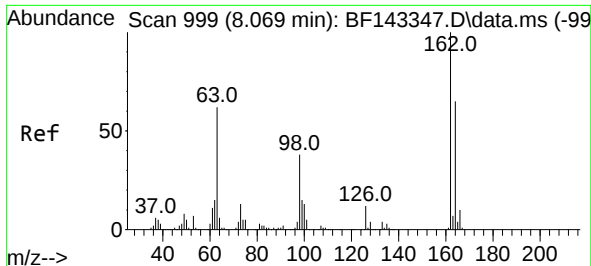
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 11.6 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 45.376 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143358.D

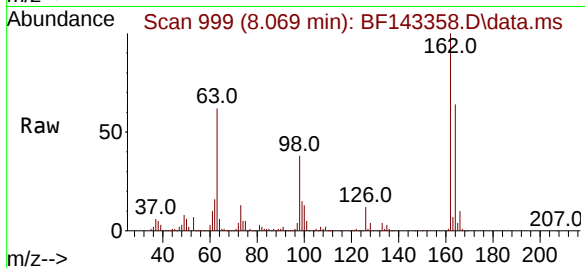
Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD



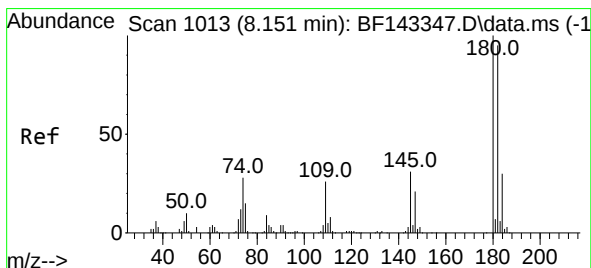
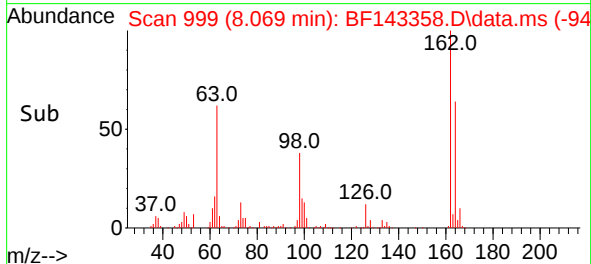
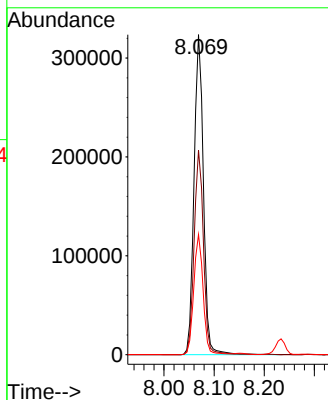
Tgt Ion:162 Resp: 419655

Ion Ratio Lower Upper

162 100

164 63.9 44.5 84.5

98 37.5 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 45.042 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

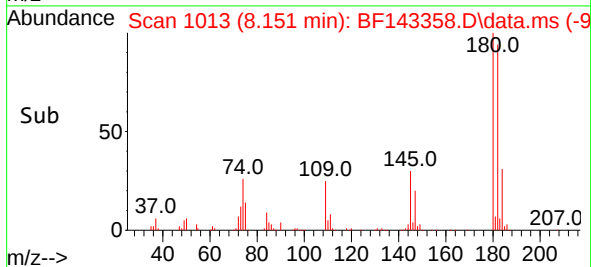
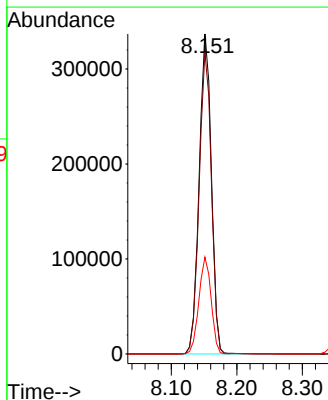
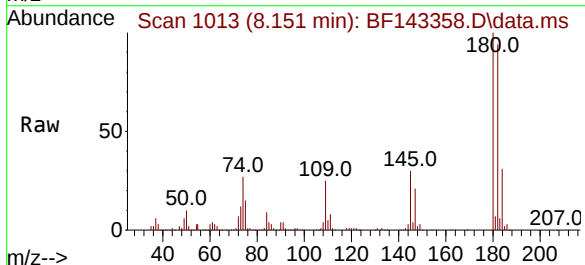
Tgt Ion:180 Resp: 439410

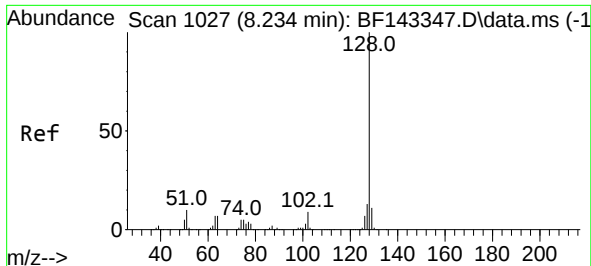
Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

145 30.2 24.9 37.3

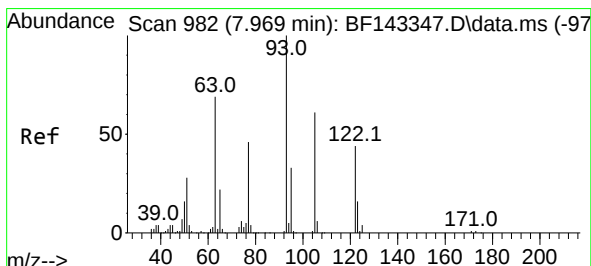
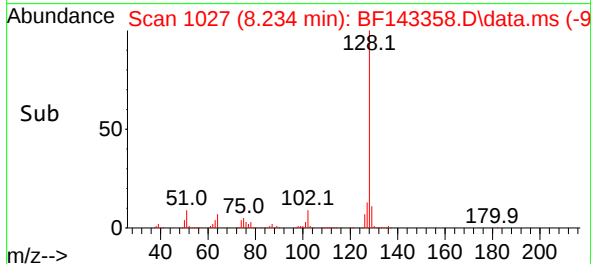
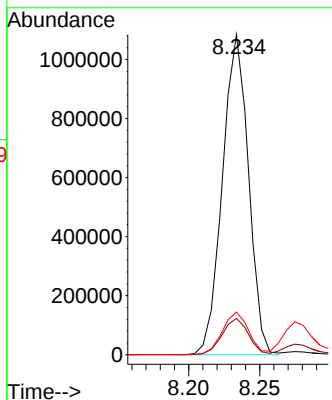
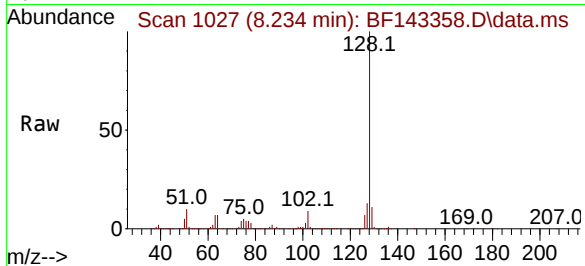




#31
Naphthalene
Concen: 41.442 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

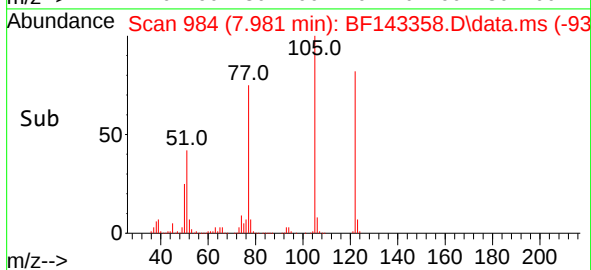
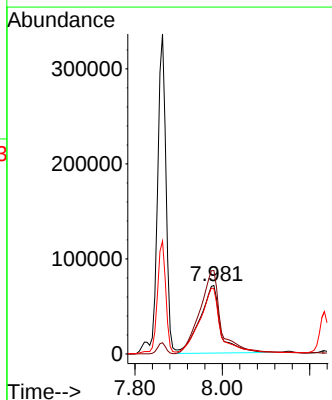
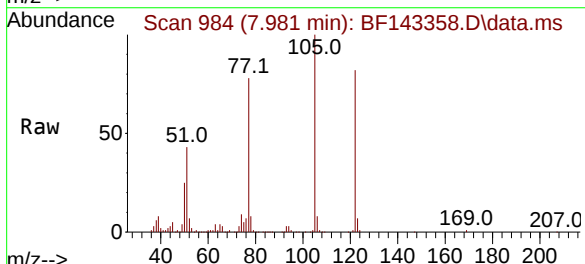
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

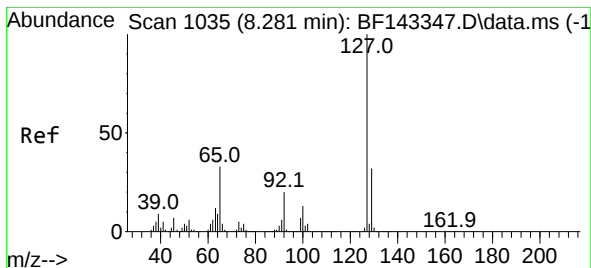
Tgt Ion:128 Resp: 1380617
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 54.727 ng
RT: 7.981 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:122 Resp: 235729
Ion Ratio Lower Upper
122 100
105 121.9 106.4 146.4
77 95.2 79.2 119.2





#33

4-Chloroaniline

Concen: 14.905 ng

RT: 8.275 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD

Tgt Ion:127 Resp: 179093

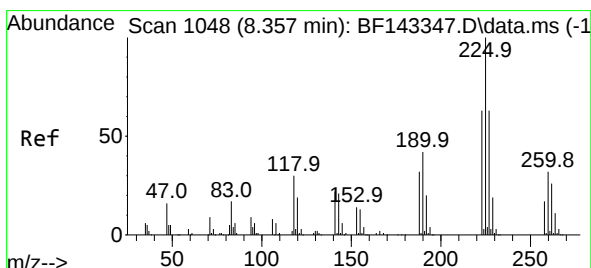
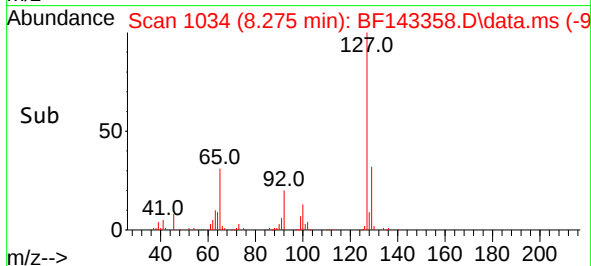
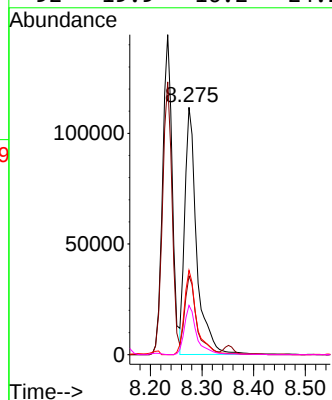
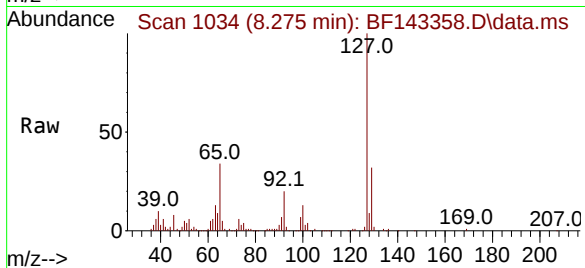
Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

65 34.1 27.0 40.4

92 19.9 16.2 24.2



#34

Hexachlorobutadiene

Concen: 43.970 ng

RT: 8.351 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

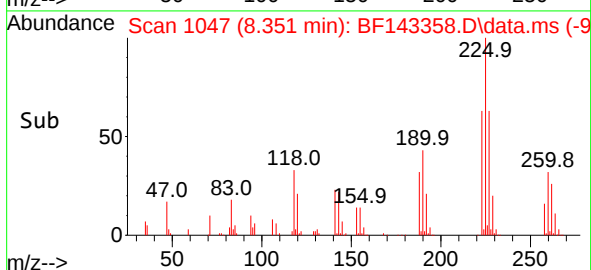
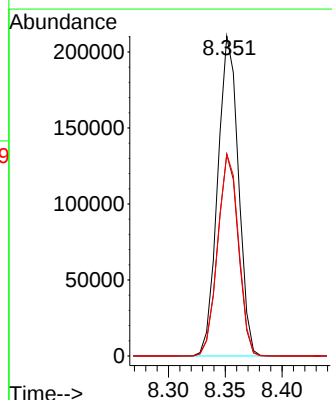
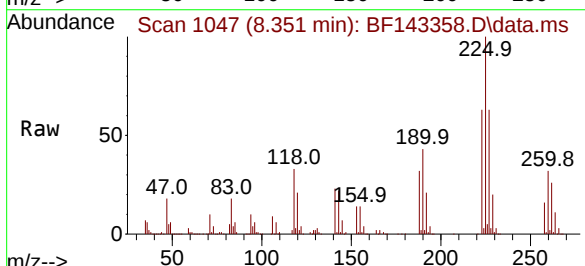
Tgt Ion:225 Resp: 266834

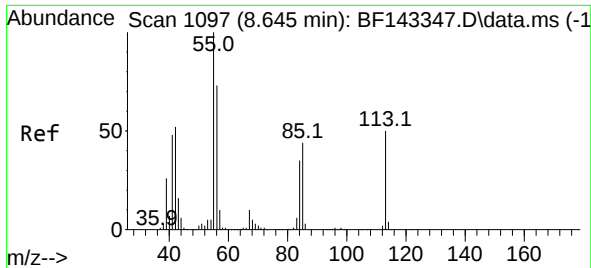
Ion Ratio Lower Upper

225 100

223 62.9 50.1 75.1

227 63.1 50.6 75.8

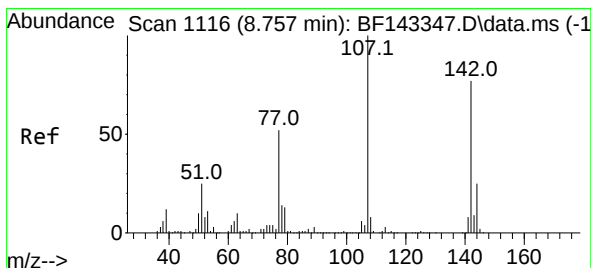
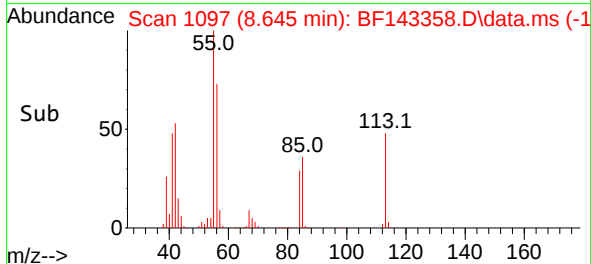
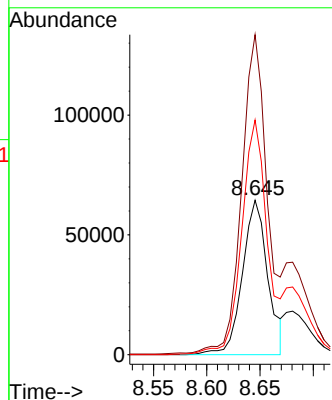
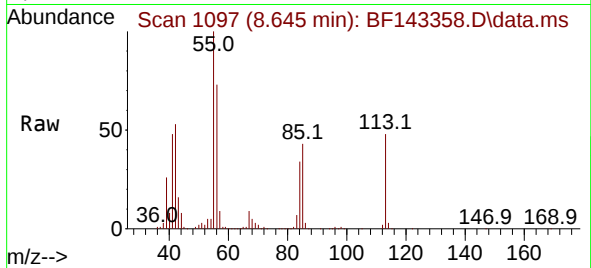




#35
 Caprolactam
 Concen: 41.077 ng
 RT: 8.645 min Scan# 1097
 Delta R.T. -0.000 min
 Lab File: BF143358.D
 Acq: 12 Aug 2025 17:32

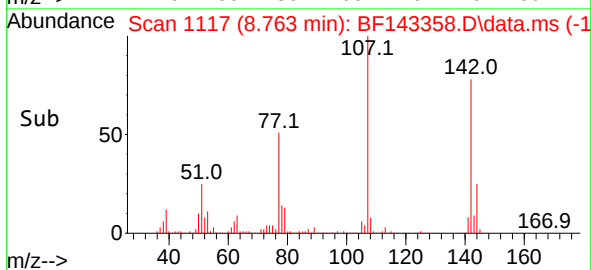
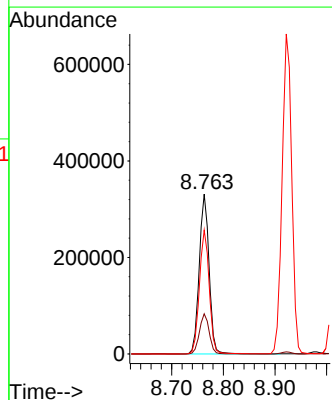
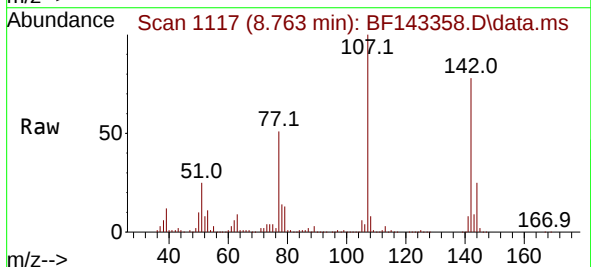
Instrument :
 BNA_F
 ClientSampleId :
 COMP-6MSD

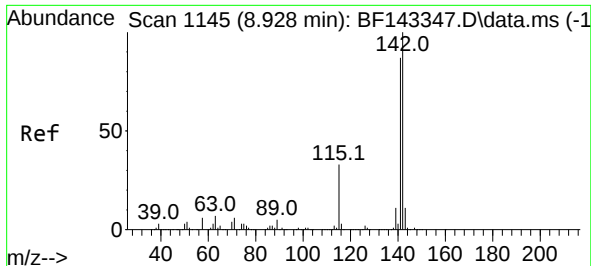
Tgt Ion:113 Resp: 106796
 Ion Ratio Lower Upper
 113 100
 55 207.1 181.4 221.4
 56 151.9 127.3 167.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.328 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF143358.D
 Acq: 12 Aug 2025 17:32

Tgt Ion:107 Resp: 439471
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.0 30.0
 142 77.5 61.3 91.9





#37

2-Methylnaphthalene

Concen: 39.012 ng

RT: 8.922 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

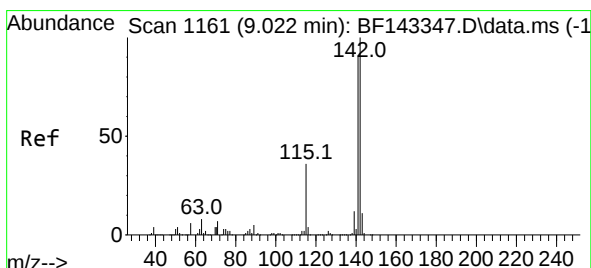
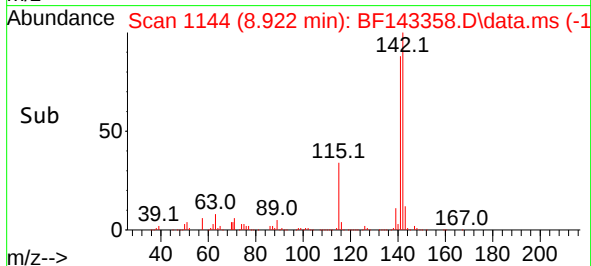
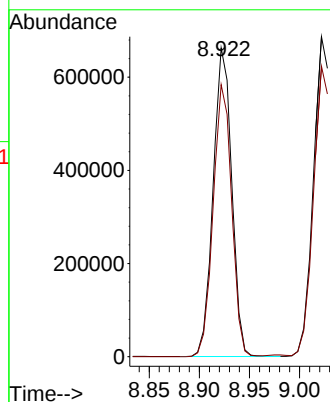
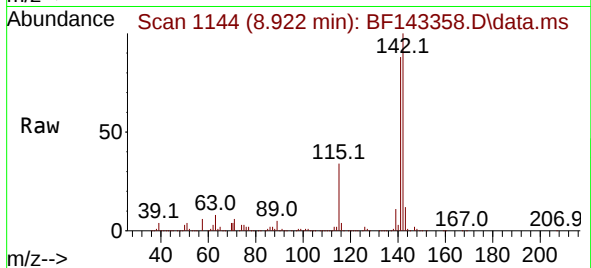
COMP-6MSD

Tgt Ion:142 Resp: 854428

Ion Ratio Lower Upper

142 100

141 88.1 69.8 104.8



#38

1-Methylnaphthalene

Concen: 42.034 ng

RT: 9.022 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF143358.D

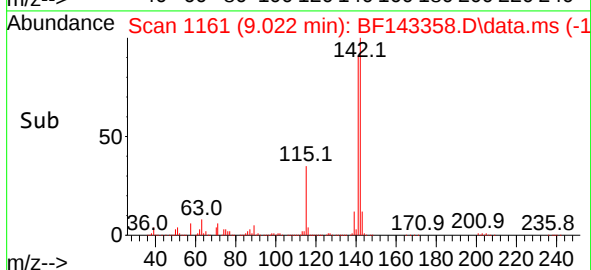
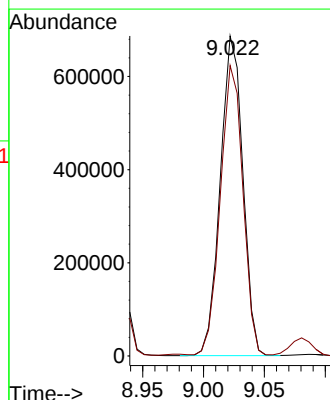
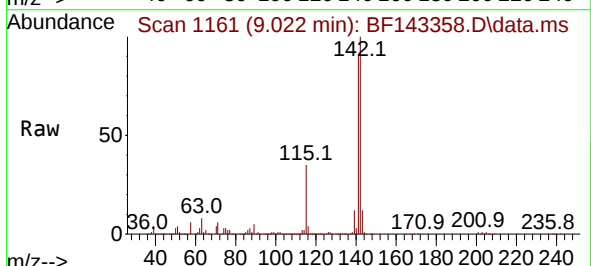
Acq: 12 Aug 2025 17:32

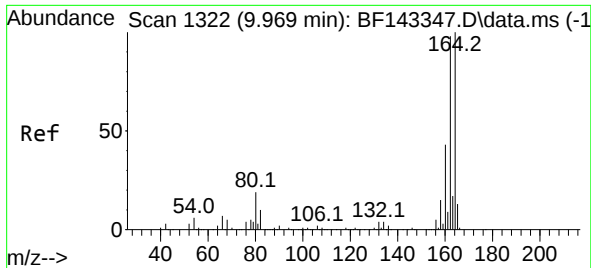
Tgt Ion:142 Resp: 886647

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.4

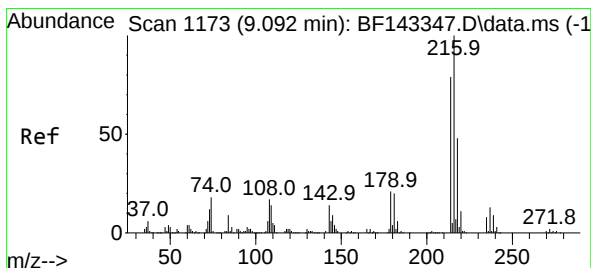
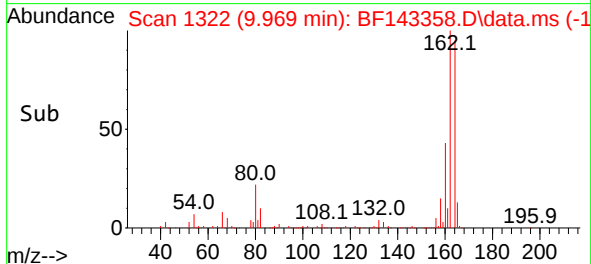
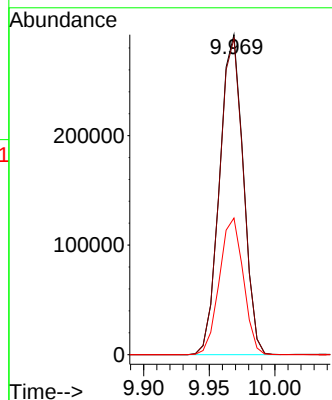
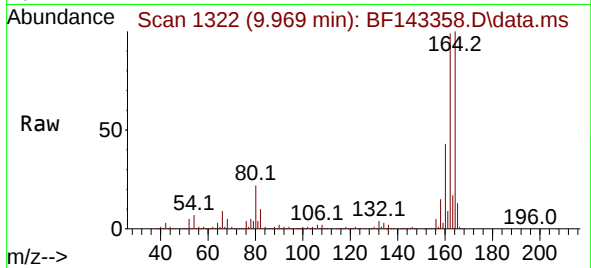




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

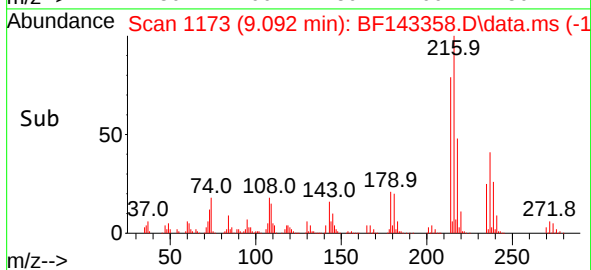
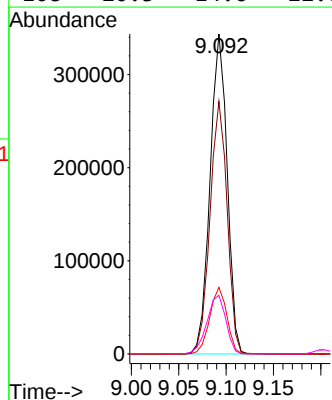
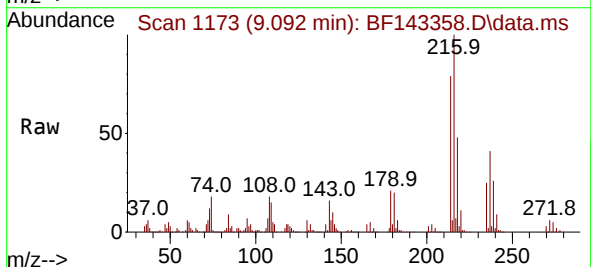
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

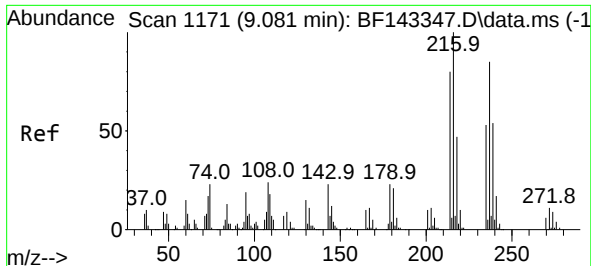
Tgt Ion:164 Resp: 366844
Ion Ratio Lower Upper
164 100
162 98.8 78.6 118.0
160 42.7 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.905 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:216 Resp: 430702
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.4
179 20.9 17.0 25.4
108 20.3 14.6 22.0

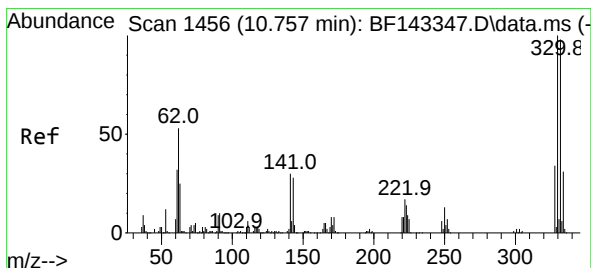
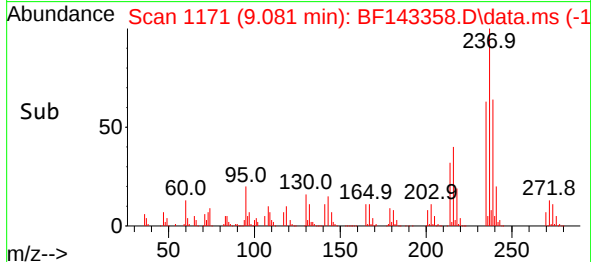
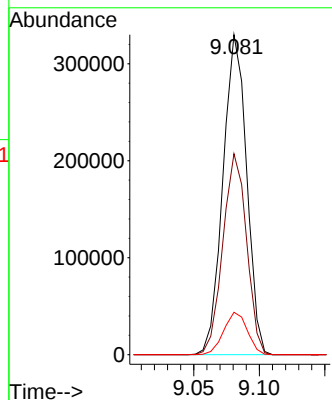
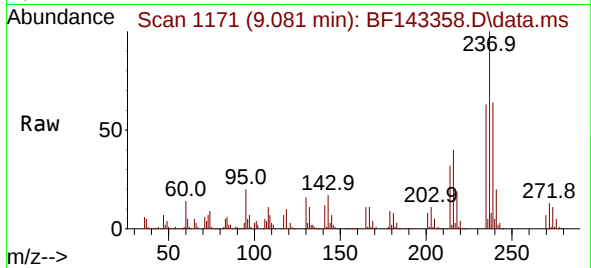




#41
Hexachlorocyclopentadiene
Concen: 113.888 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

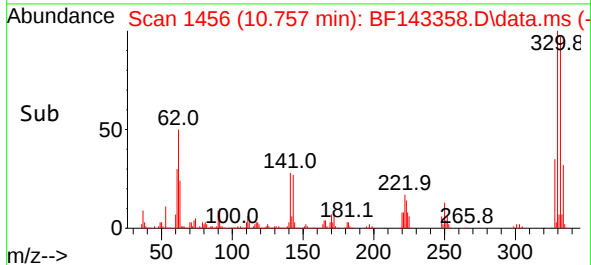
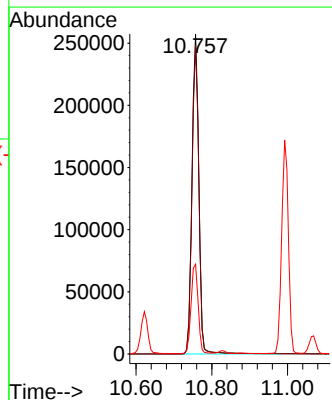
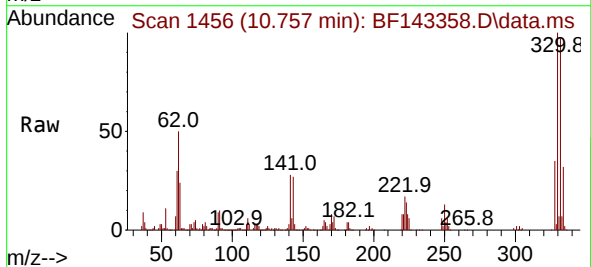
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

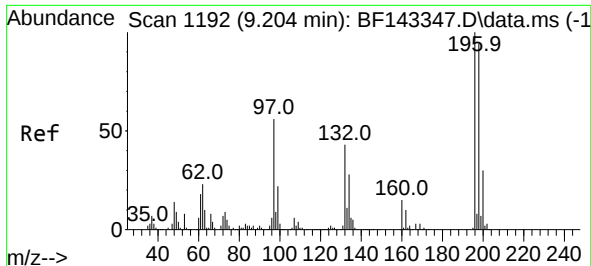
Tgt Ion:237 Resp: 414114
Ion Ratio Lower Upper
237 100
235 62.8 42.0 82.0
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 120.061 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:330 Resp: 321880
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 29.2 25.4 38.0

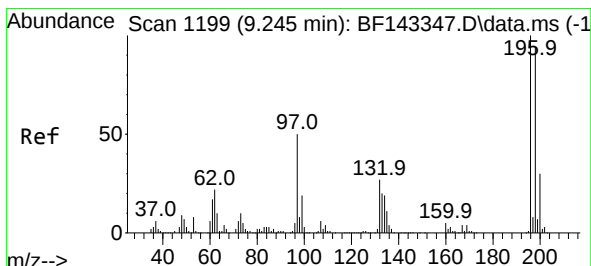
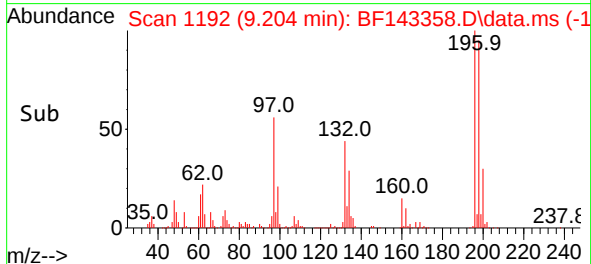
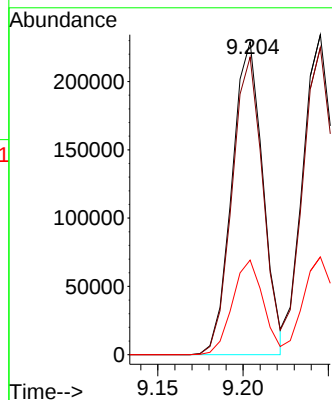
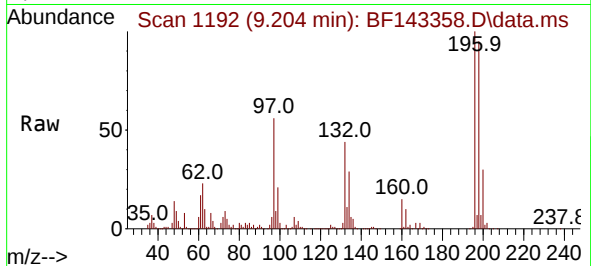




#43
2,4,6-Trichlorophenol
Concen: 50.746 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

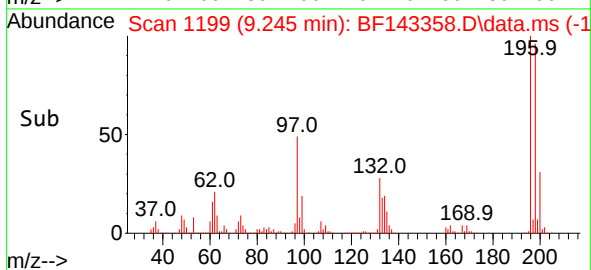
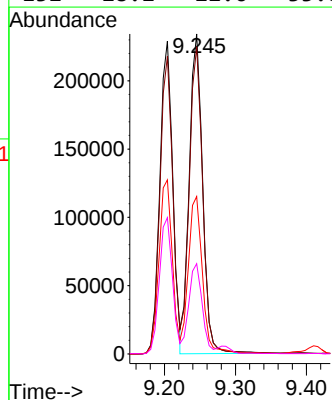
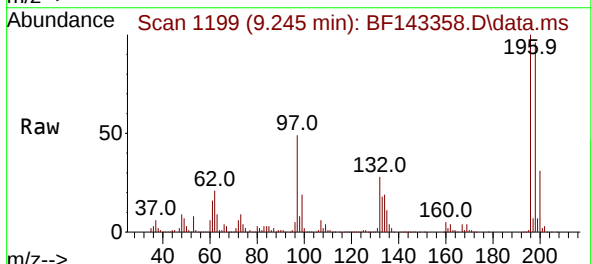
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

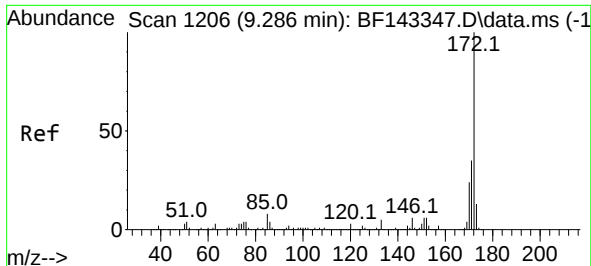
Tgt Ion:196 Resp: 289029
Ion Ratio Lower Upper
196 100
198 95.2 75.4 113.0
200 30.3 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 47.798 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:196 Resp: 307429
Ion Ratio Lower Upper
196 100
198 96.0 75.4 113.2
97 49.2 39.9 59.9
132 28.2 22.6 33.8

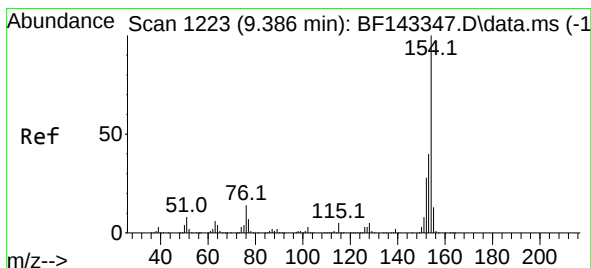
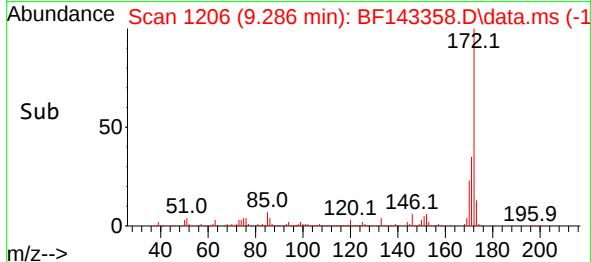
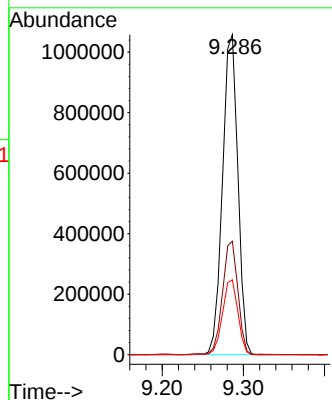
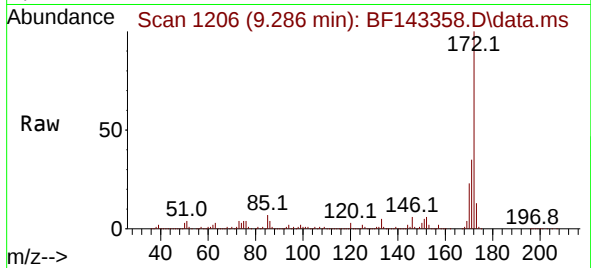




#45
2-Fluorobiphenyl
Concen: 64.538 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

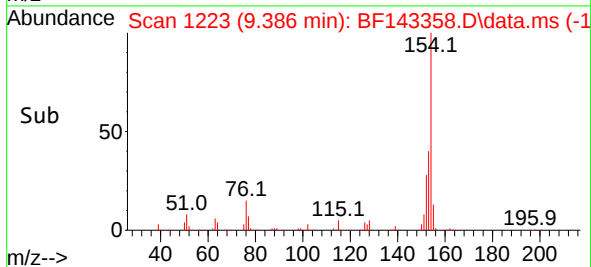
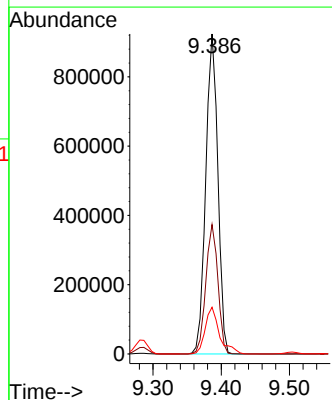
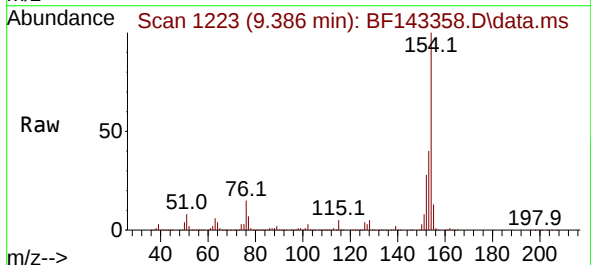
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

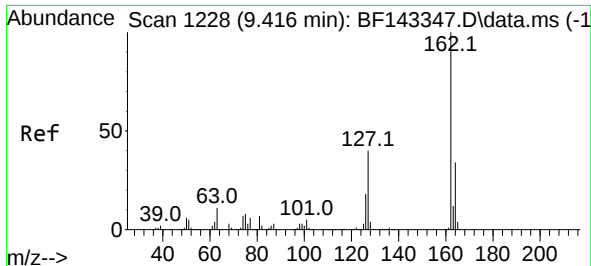
Tgt Ion:172 Resp: 1396151
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.941 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:154 Resp: 1139727
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 14.6 0.0 34.4

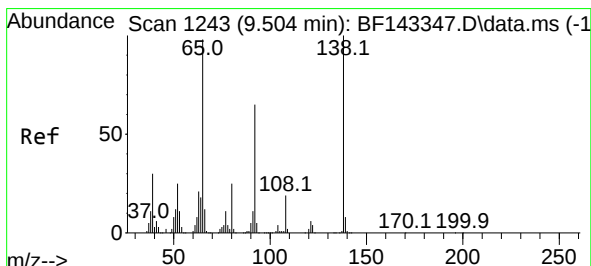
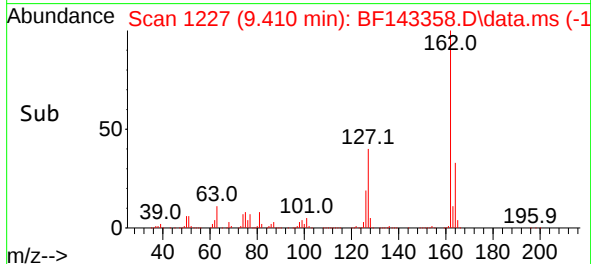
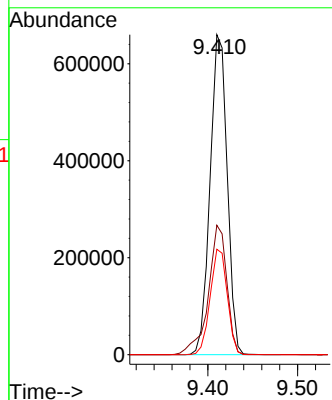
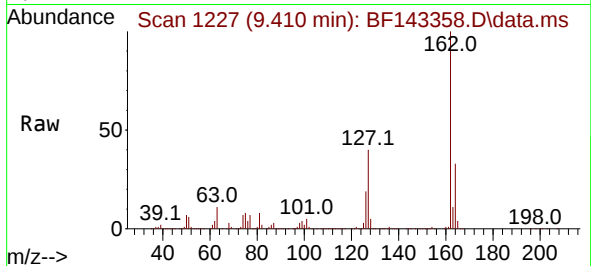




#47
2-Chloronaphthalene
Concen: 42.753 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

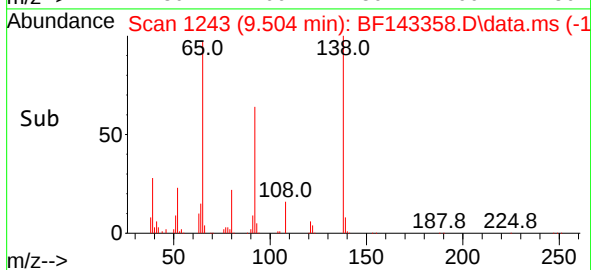
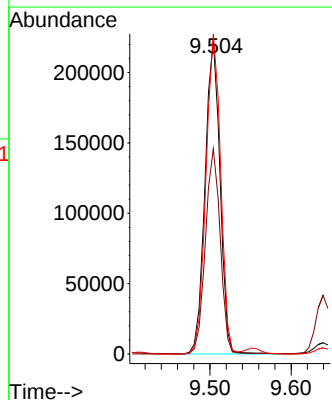
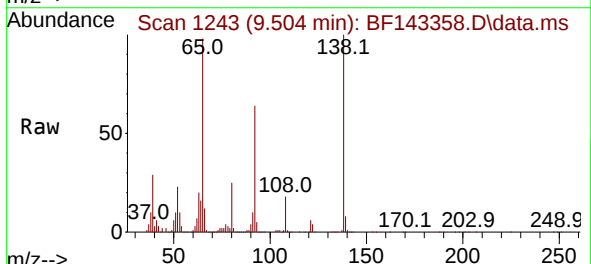
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

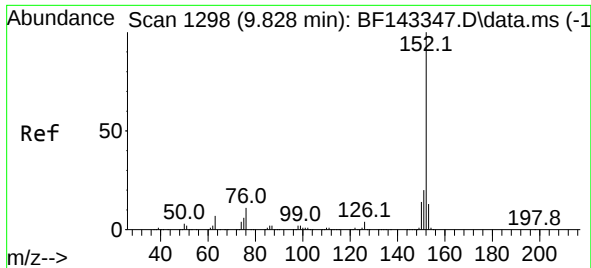
Tgt Ion:162 Resp: 873358
Ion Ratio Lower Upper
162 100
127 40.4 32.1 48.1
164 33.0 27.0 40.4



#48
2-Nitroaniline
Concen: 48.333 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

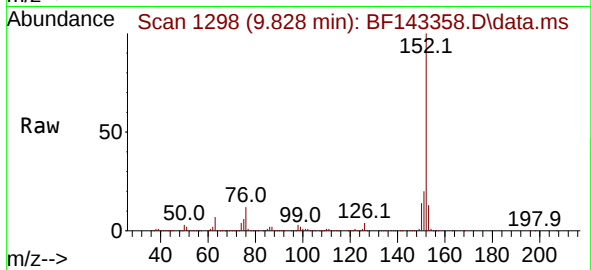
Tgt Ion: 65 Resp: 284883
Ion Ratio Lower Upper
65 100
92 65.3 53.1 79.7
138 101.9 81.4 122.0



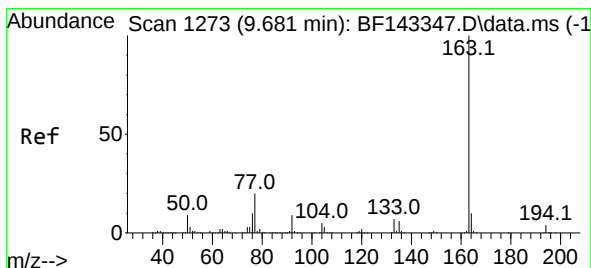
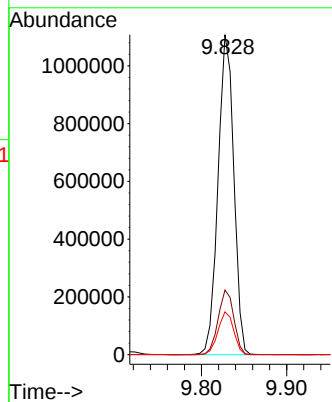
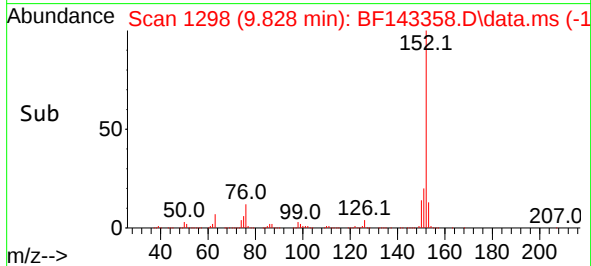


#49
Acenaphthylene
Concen: 48.274 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

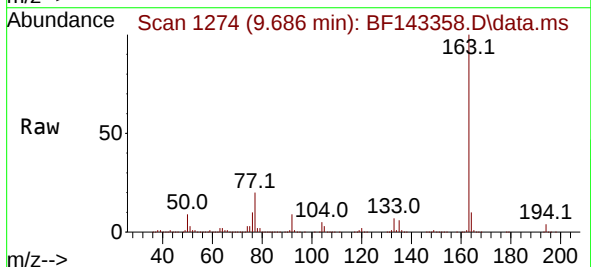
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD



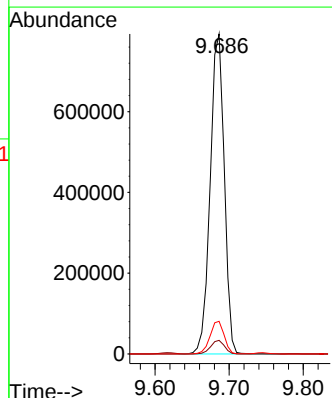
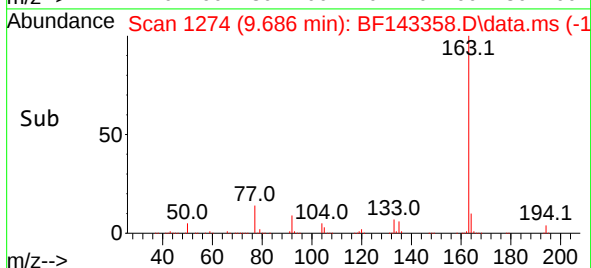
Tgt Ion:152 Resp: 1424103
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.4 10.6 16.0

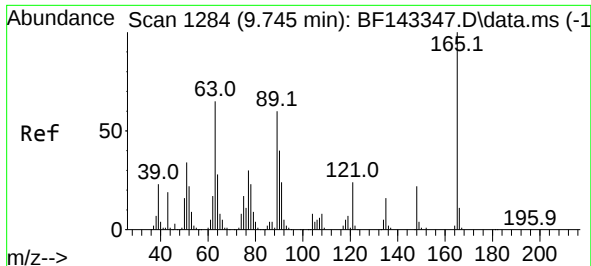


#50
Dimethylphthalate
Concen: 48.911 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32



Tgt Ion:163 Resp: 1048412
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.2 12.2

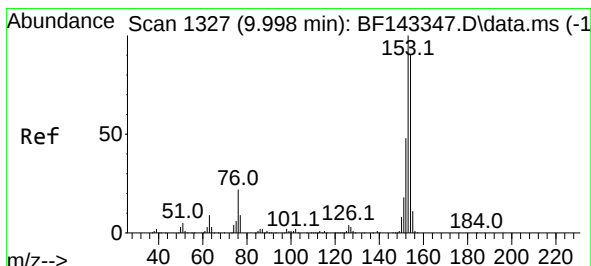
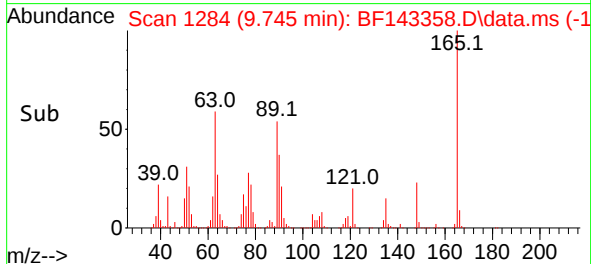
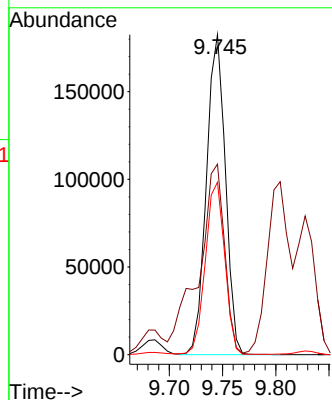
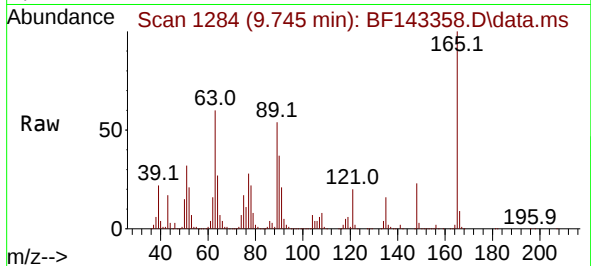




#51
2,6-Dinitrotoluene
Concen: 55.227 ng
RT: 9.745 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

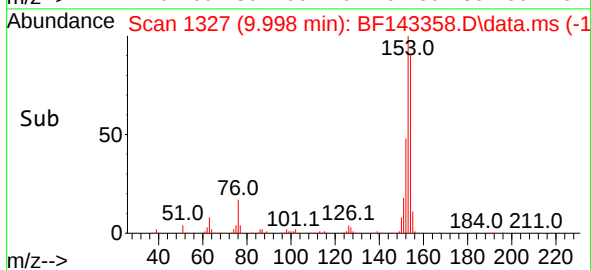
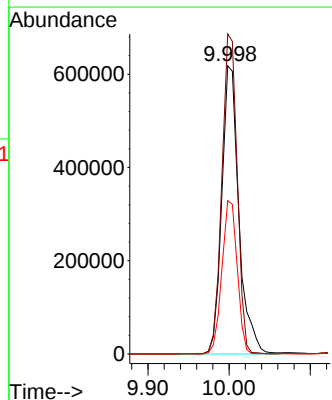
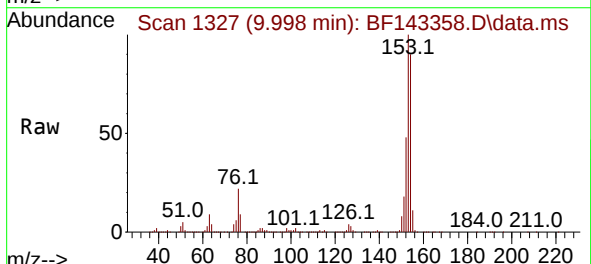
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

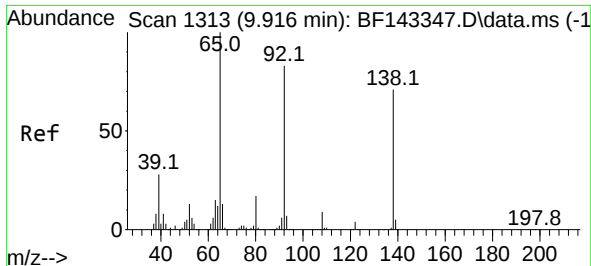
Tgt Ion:165 Resp: 225939
Ion Ratio Lower Upper
165 100
63 59.6 51.6 77.4
89 53.9 47.7 71.5



#52
Acenaphthene
Concen: 46.230 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:154 Resp: 906682
Ion Ratio Lower Upper
154 100
153 111.0 88.5 132.7
152 53.2 42.4 63.6

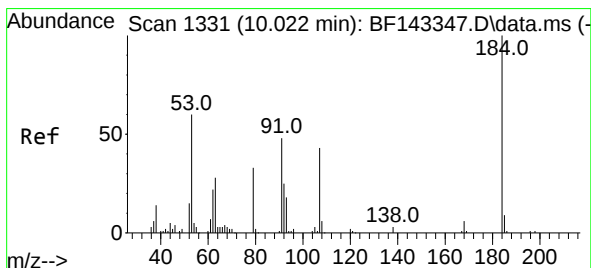
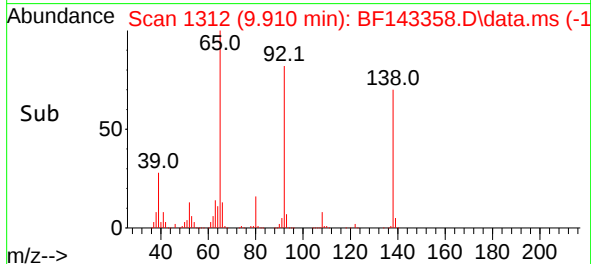
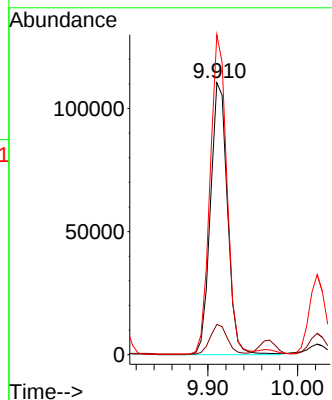
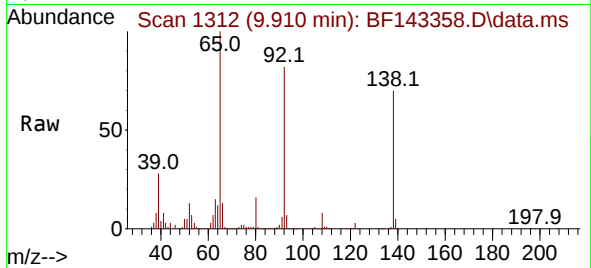




#53
3-Nitroaniline
Concen: 33.179 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

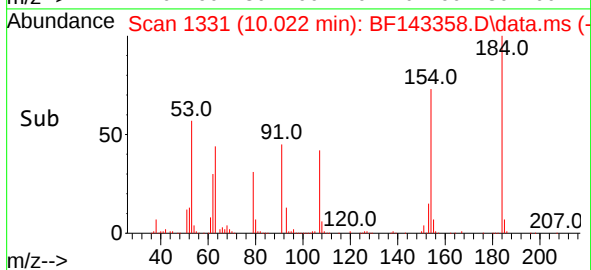
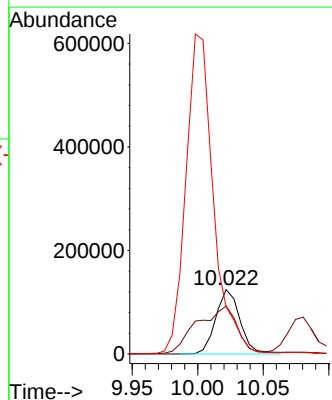
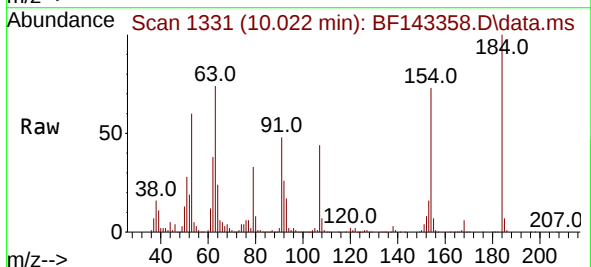
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

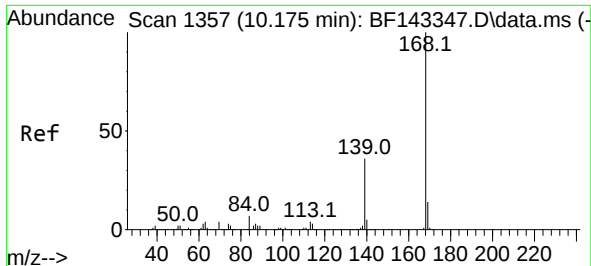
Tgt Ion:138 Resp: 145648
Ion Ratio Lower Upper
138 100
108 11.1 9.6 14.4
92 117.6 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 88.430 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:184 Resp: 160114
Ion Ratio Lower Upper
184 100
63 74.5 62.5 93.7
154 73.0 73.0 109.4

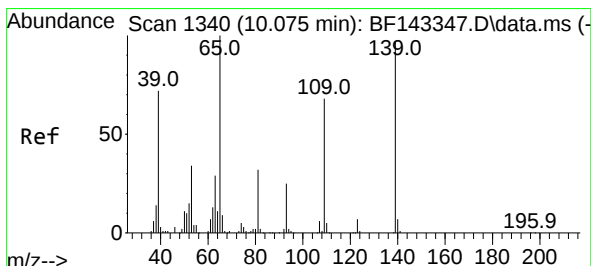
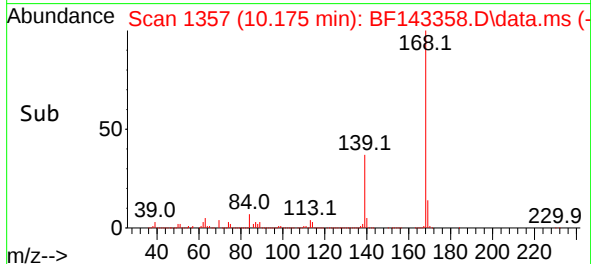
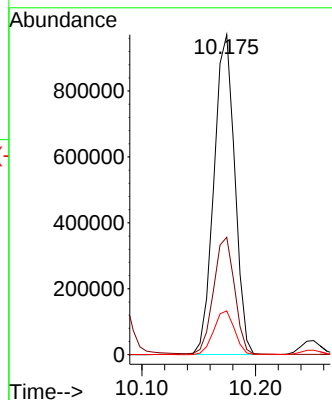
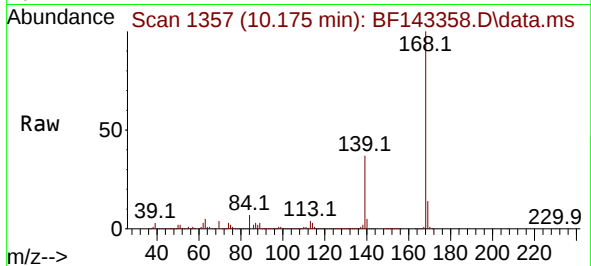




#55
Dibenzenofuran
Concen: 43.730 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

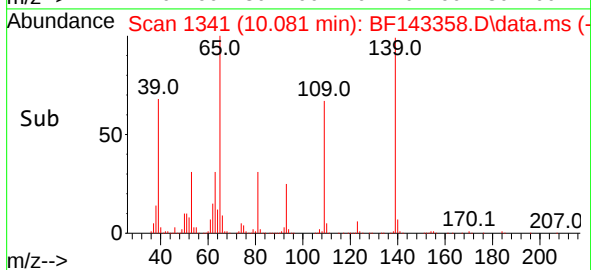
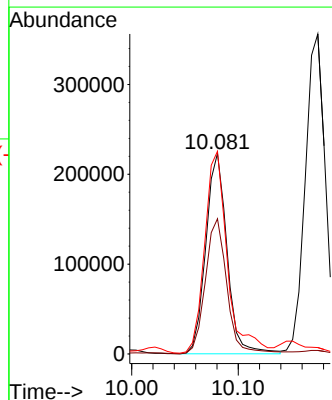
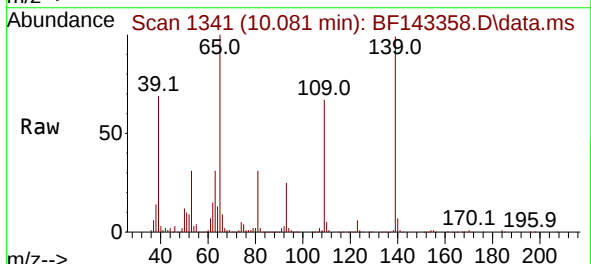
Instrument :
BNA_F
ClientSampleId :
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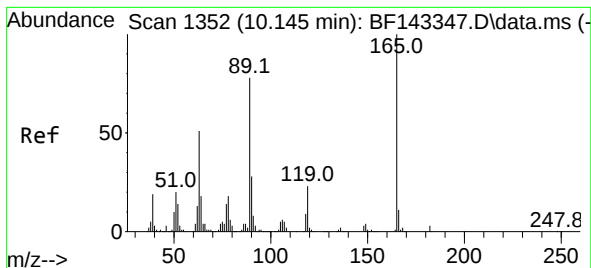
Tgt Ion:168 Resp: 1234339
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 87.566 ng
RT: 10.081 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:139 Resp: 309159
Ion Ratio Lower Upper
139 100
109 67.4 49.4 89.4
65 101.0 83.7 123.7

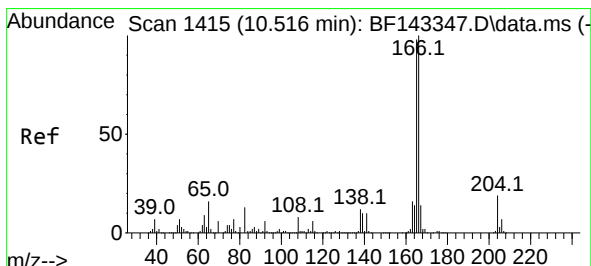
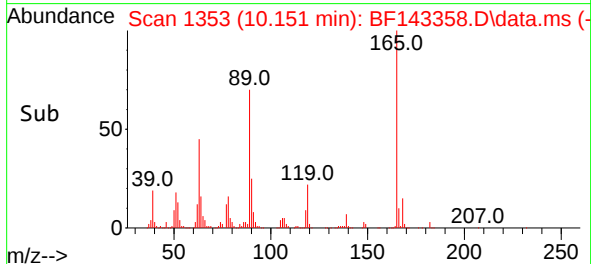
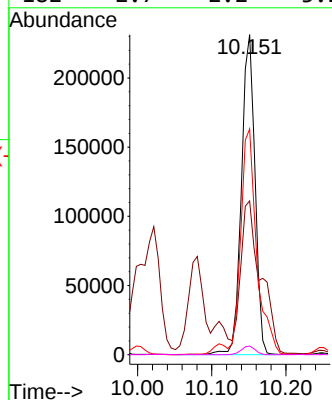
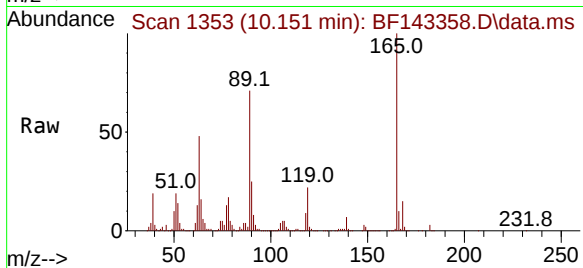




#57
2,4-Dinitrotoluene
Concen: 54.165 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

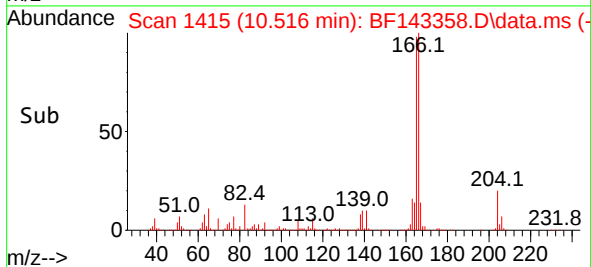
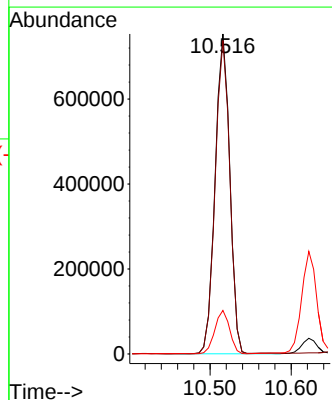
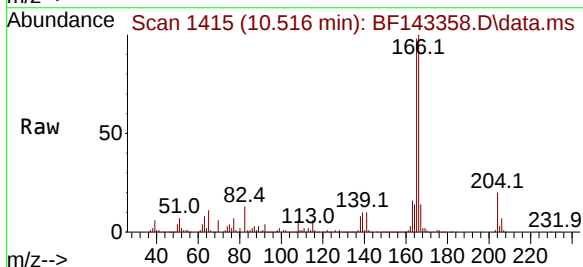
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

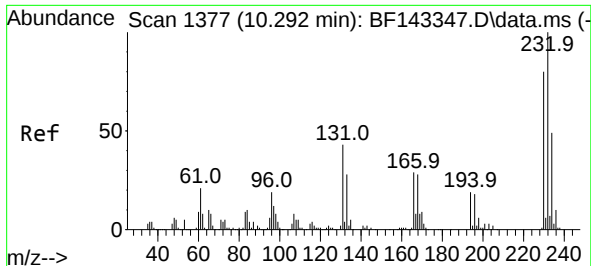
Tgt Ion:165 Resp: 293766
Ion Ratio Lower Upper
165 100
63 48.1 41.8 62.8
89 70.6 62.4 93.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 43.705 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:166 Resp: 942278
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.4
167 13.6 10.9 16.3

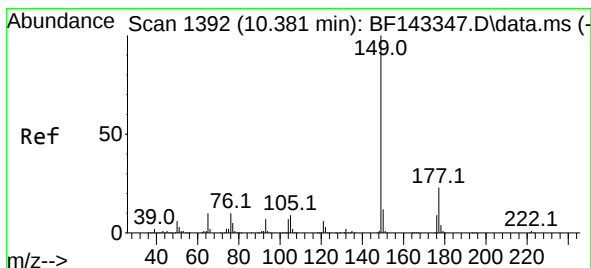
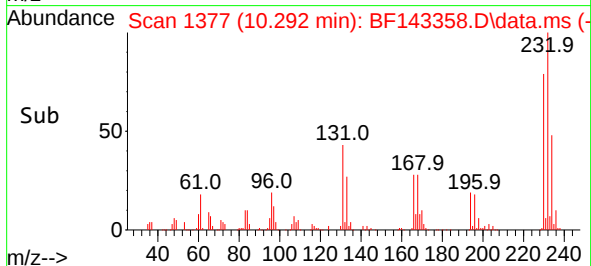
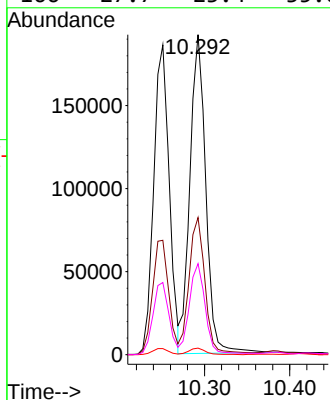
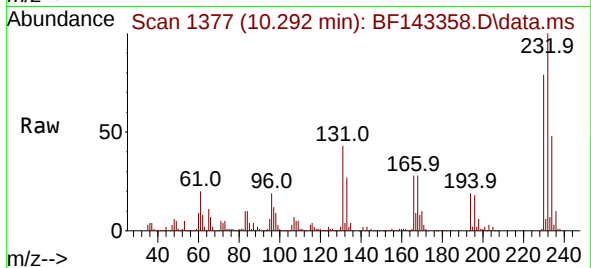




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.223 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

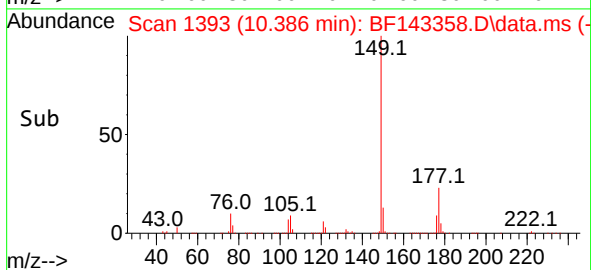
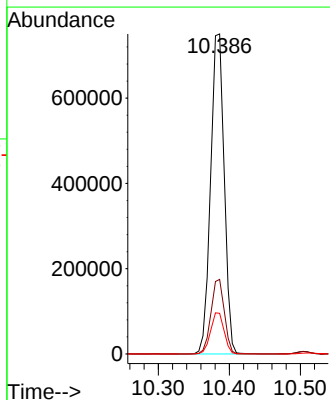
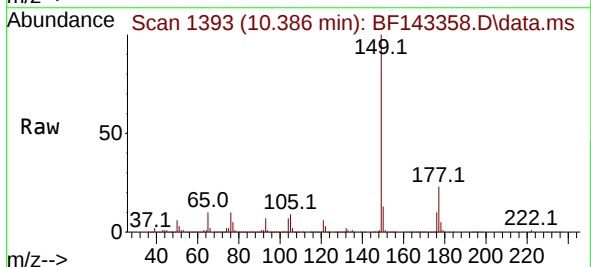
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

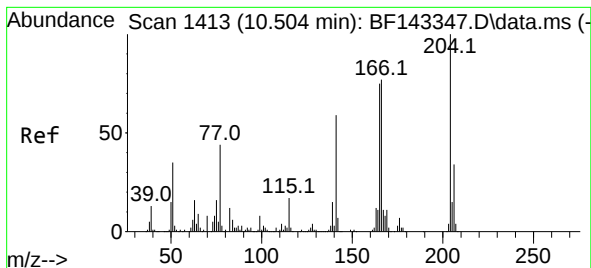
Tgt Ion:232 Resp: 248104
Ion Ratio Lower Upper
232 100
131 43.7 34.6 51.8
130 2.2 1.7 2.5
166 27.7 23.4 35.0



#60
Diethylphthalate
Concen: 52.077 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:149 Resp: 999890
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.7 9.9 14.9

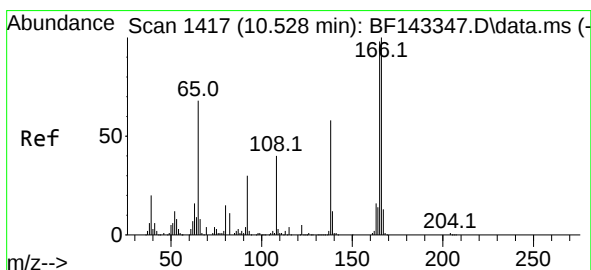
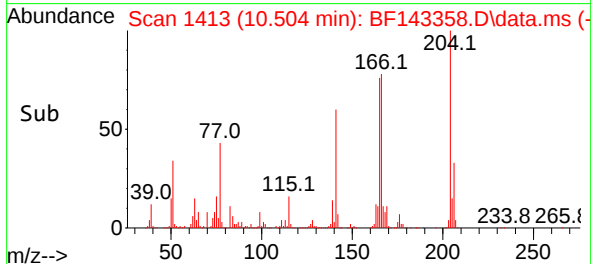
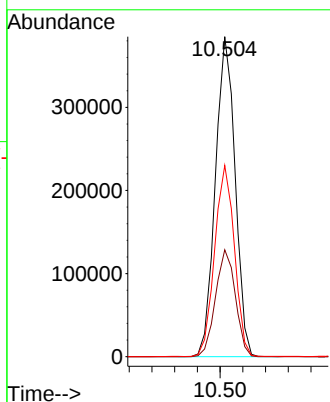
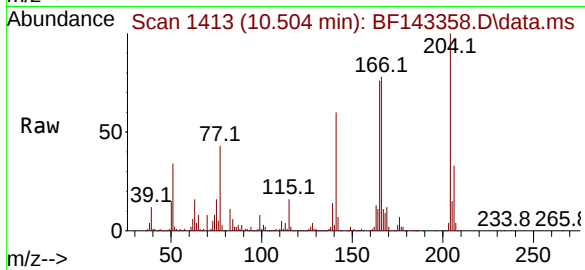




#61
4-Chlorophenyl-phenylether
Concen: 44.671 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

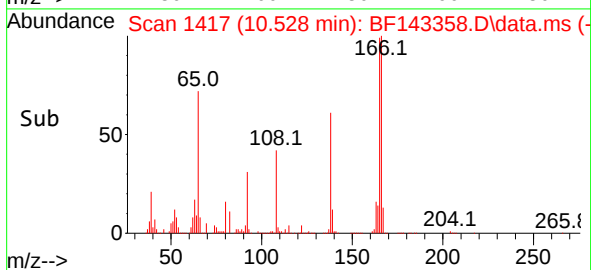
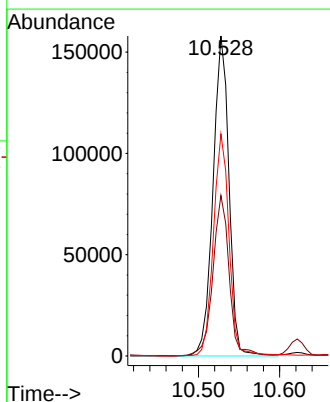
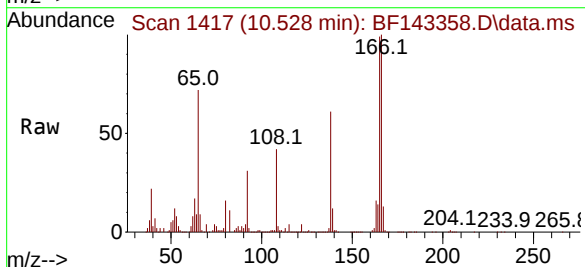
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

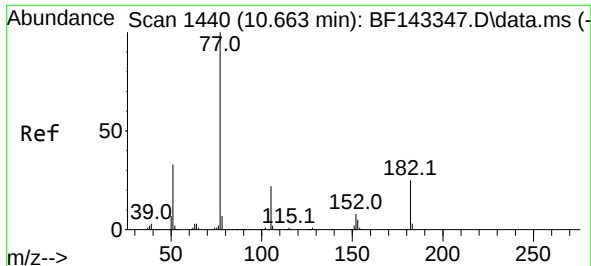
Tgt Ion:204 Resp: 465365
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 59.8 46.9 70.3



#62
4-Nitroaniline
Concen: 50.901 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:138 Resp: 216183
Ion Ratio Lower Upper
138 100
92 50.2 31.2 71.2
108 69.4 48.1 88.1



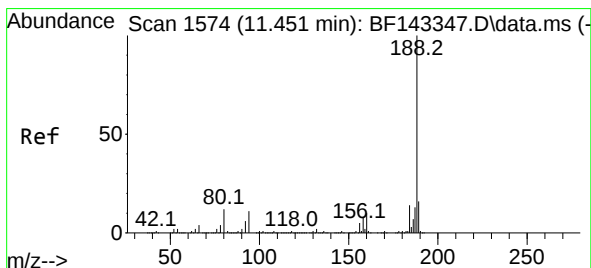
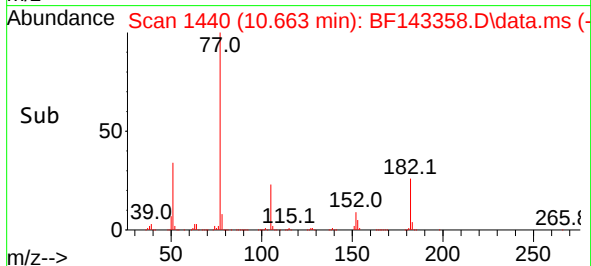
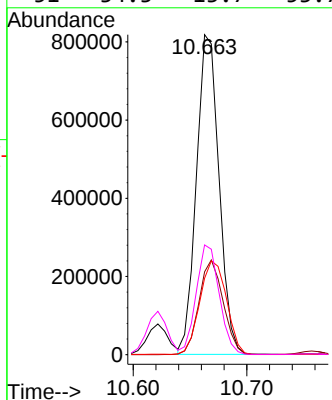
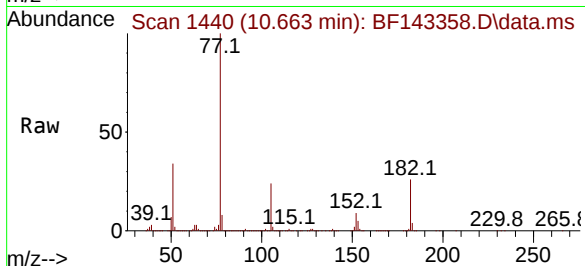


#63
Azobenzene
Concen: 51.653 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

Tgt Ion: 77 Resp: 1132778

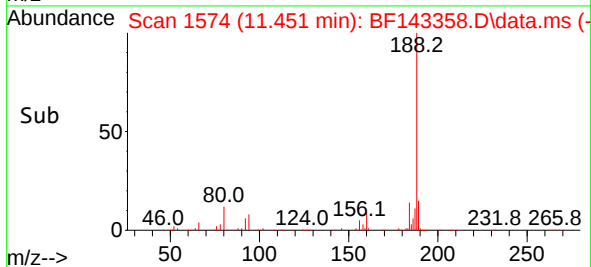
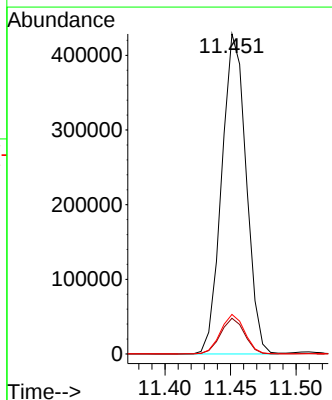
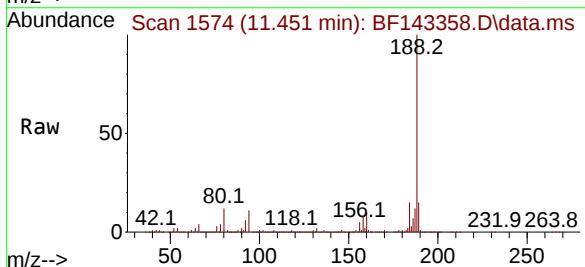
Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.4	44.4
105	23.9	1.8	41.8
51	34.3	13.7	53.7

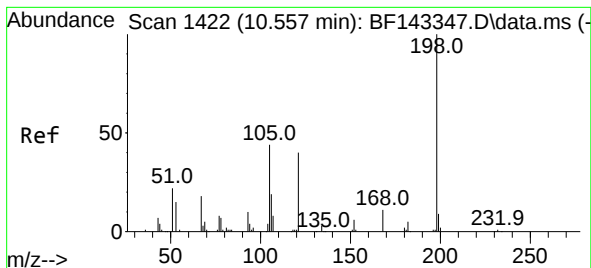


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion: 188 Resp: 555468

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.8	13.2
80	12.3	9.7	14.5

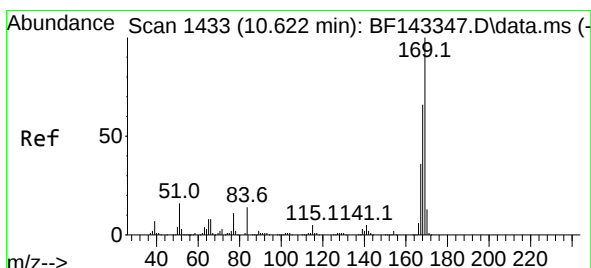
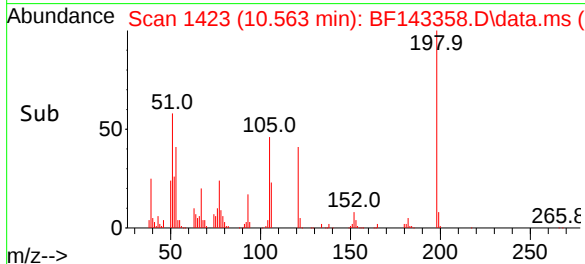
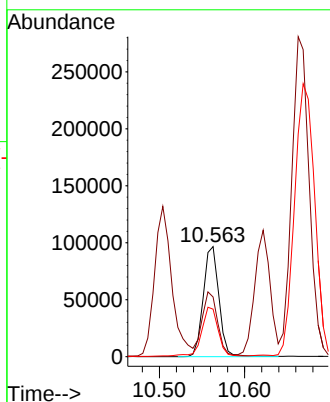
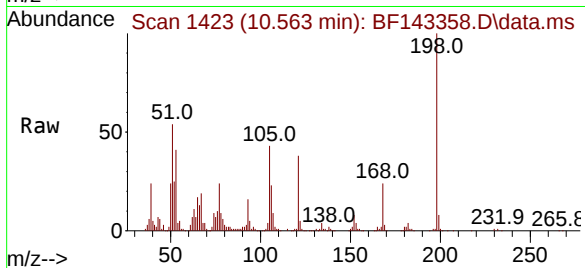




#65
4,6-Dinitro-2-methylphenol
Concen: 53.875 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

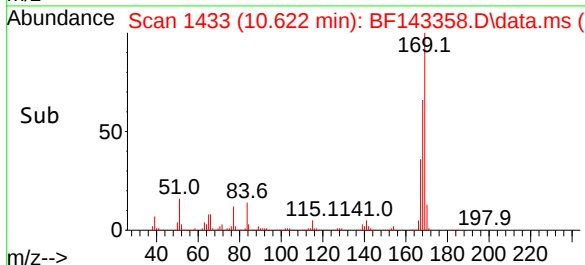
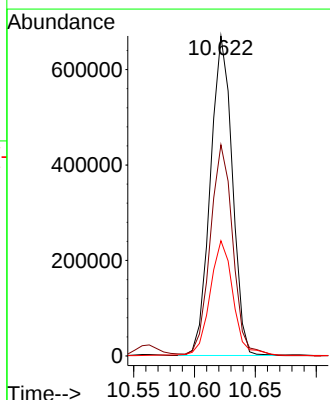
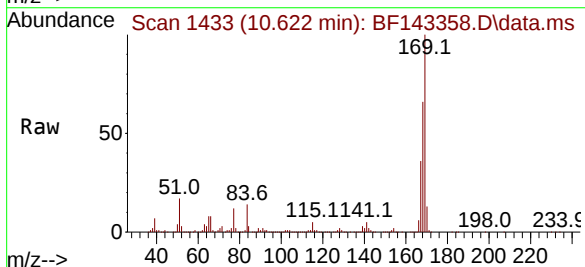
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

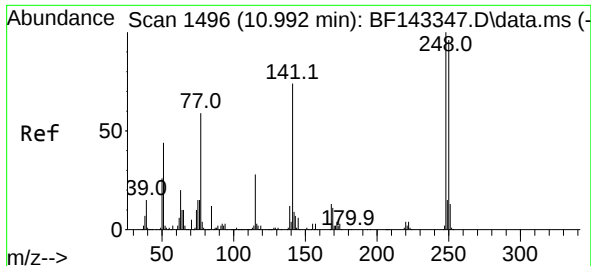
Tgt Ion:198 Resp: 123428
Ion Ratio Lower Upper
198 100
51 54.3 41.7 81.7
105 43.3 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 45.891 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:169 Resp: 839356
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 36.0 28.6 42.8

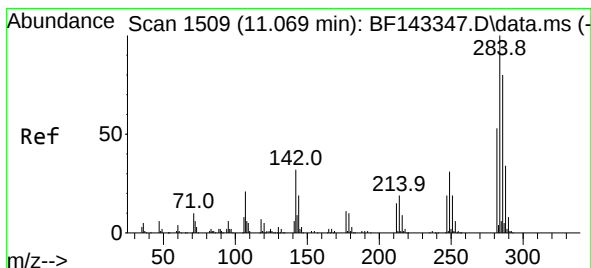
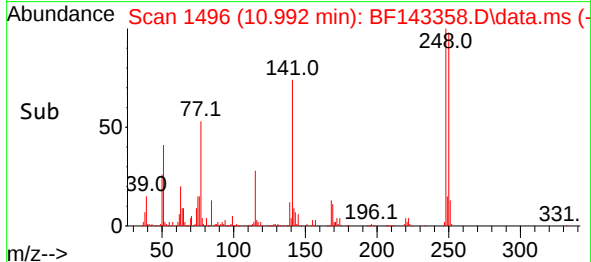
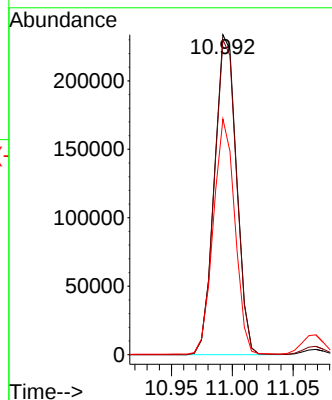
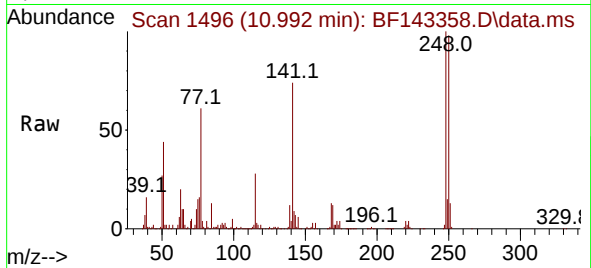




#67
4-Bromophenyl-phenylether
Concen: 46.598 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

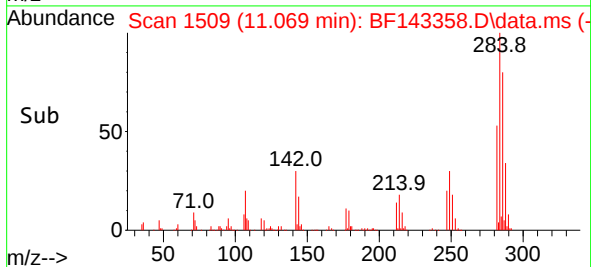
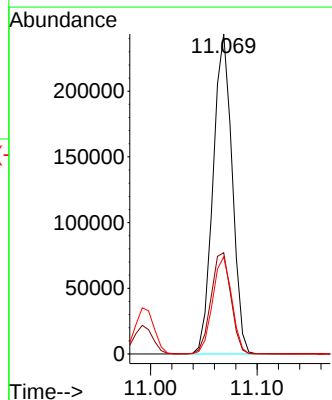
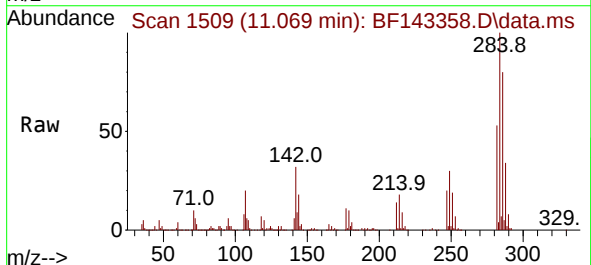
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

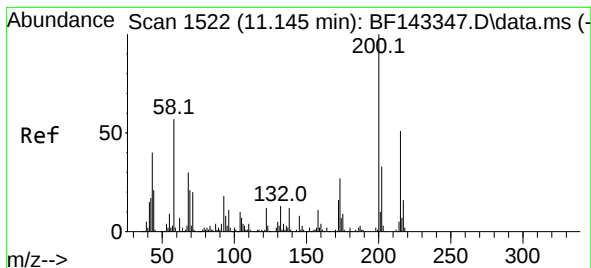
Tgt Ion:248 Resp: 296026
Ion Ratio Lower Upper
248 100
250 98.4 77.1 115.7
141 73.7 59.1 88.7



#68
Hexachlorobenzene
Concen: 44.139 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:284 Resp: 302252
Ion Ratio Lower Upper
284 100
142 31.6 25.7 38.5
249 30.4 24.6 37.0





#69

Atrazine

Concen: 56.724 ng

RT: 11.145 min Scan# 1522

Delta R.T. -0.000 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD

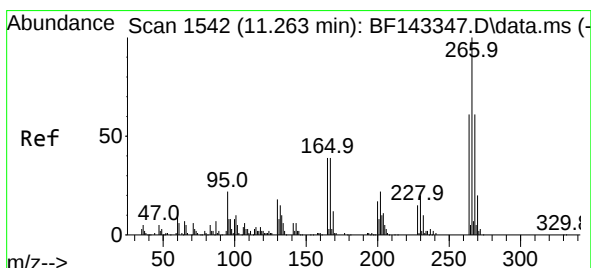
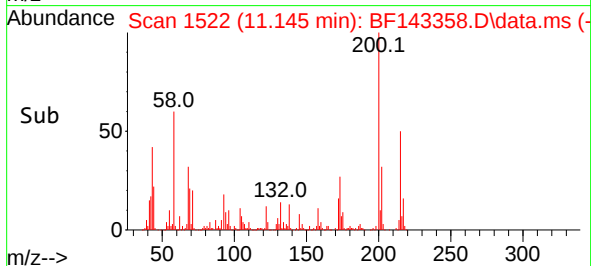
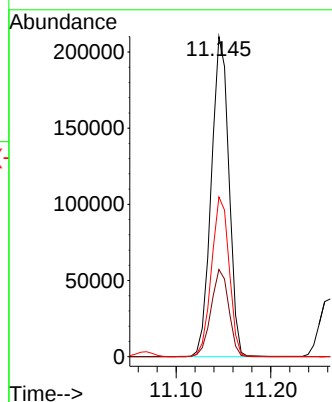
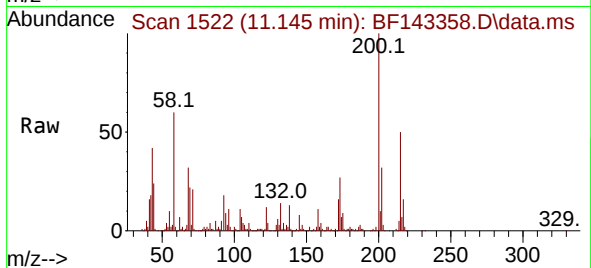
Tgt Ion:200 Resp: 270600

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

215 49.9 30.6 70.6



#70

Pentachlorophenol

Concen: 92.681 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

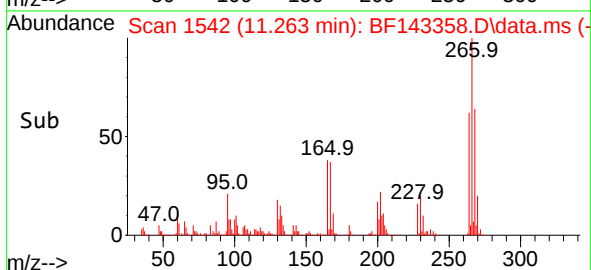
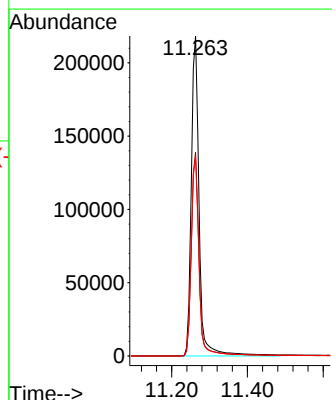
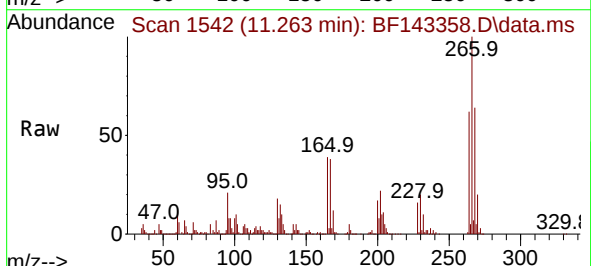
Tgt Ion:266 Resp: 314047

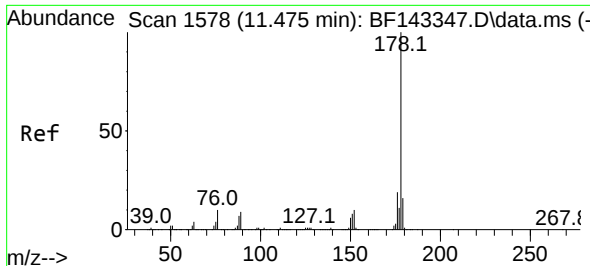
Ion Ratio Lower Upper

266 100

268 63.6 48.8 73.2

264 62.3 48.8 73.2

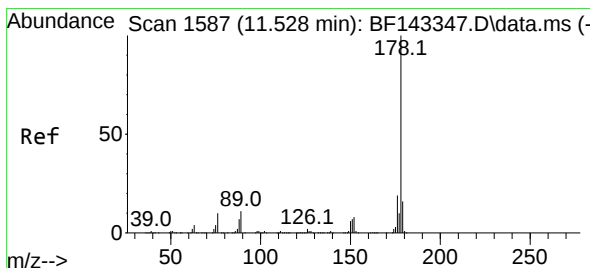
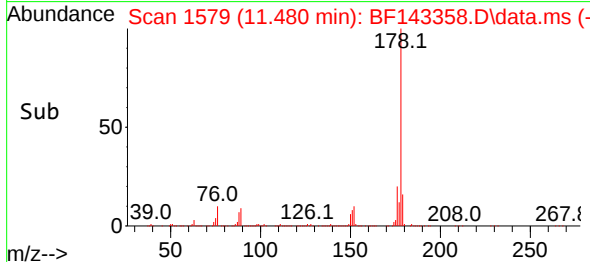
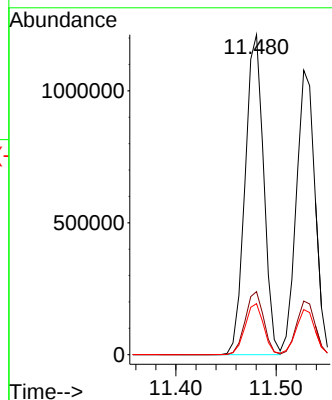
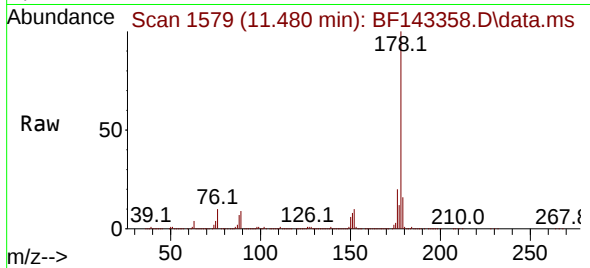




#71
Phenanthrene
Concen: 51.559 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

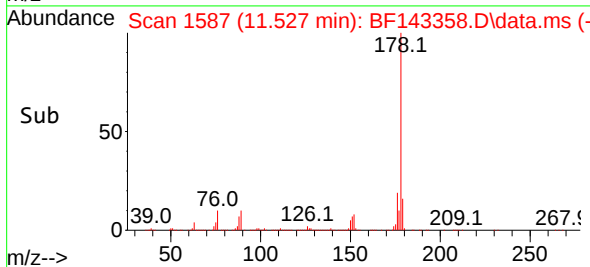
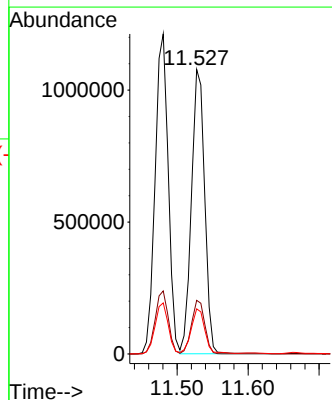
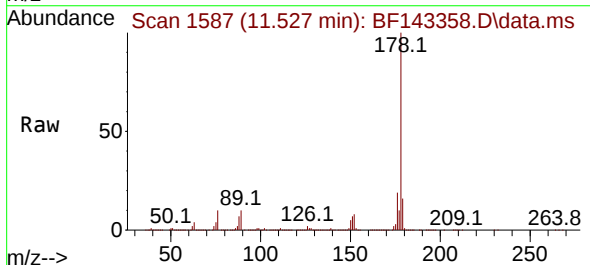
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

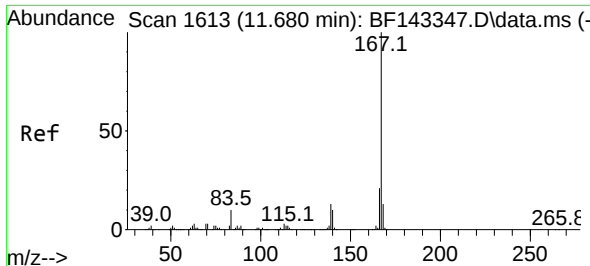
Tgt Ion:178 Resp: 1562552
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.0 12.5 18.7



#72
Anthracene
Concen: 45.520 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:178 Resp: 1399057
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.9 12.7 19.1

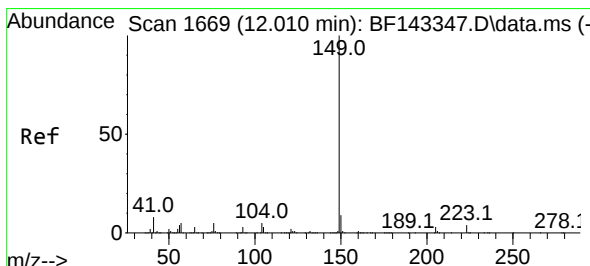
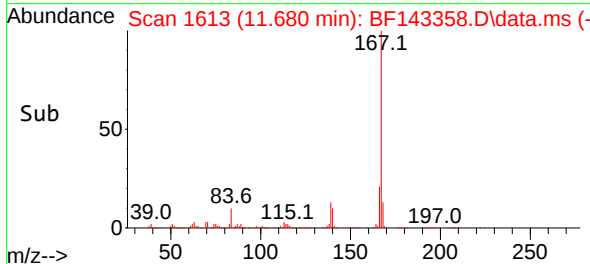
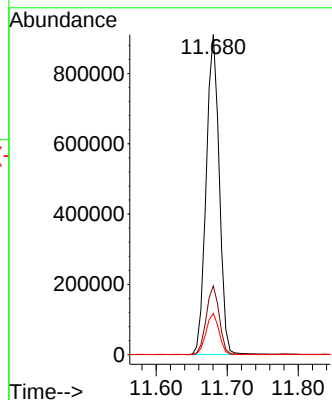
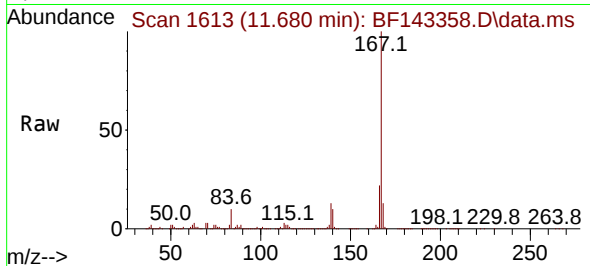




#73
 Carbazole
 Concen: 44.502 ng
 RT: 11.680 min Scan# 1613
 Delta R.T. -0.000 min
 Lab File: BF143358.D
 Acq: 12 Aug 2025 17:32

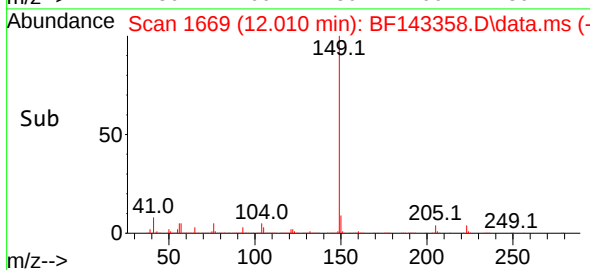
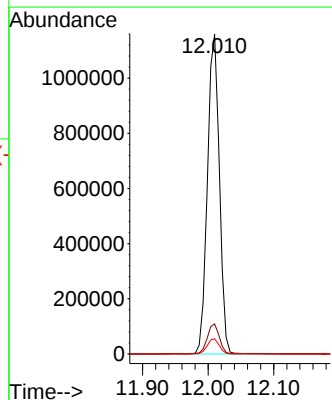
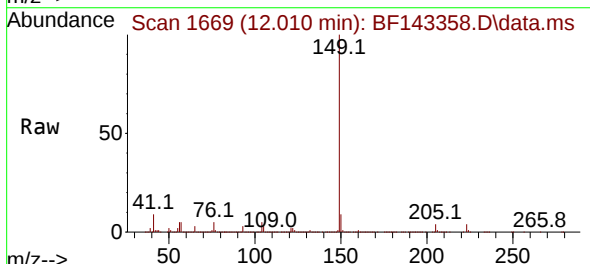
Instrument :
 BNA_F
 ClientSampleId :
 COMP-6MSD

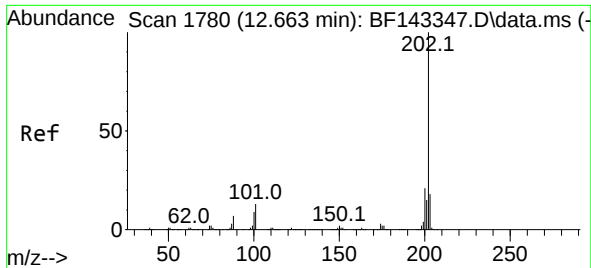
Tgt Ion:167 Resp: 1164859
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.8 25.2
 139 12.9 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 66.224 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143358.D
 Acq: 12 Aug 2025 17:32

Tgt Ion:149 Resp: 1466852
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.7 3.8 5.8

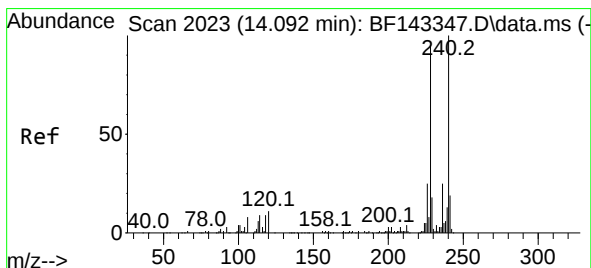
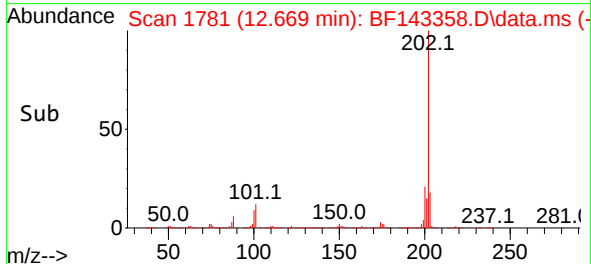
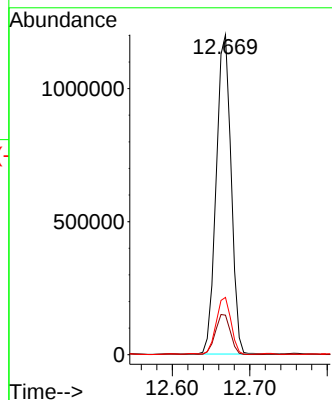
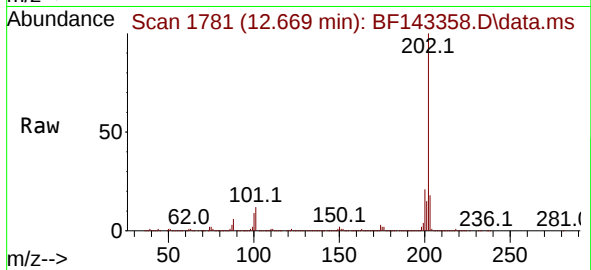




#75
Fluoranthene
Concen: 60.145 ng
RT: 12.669 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

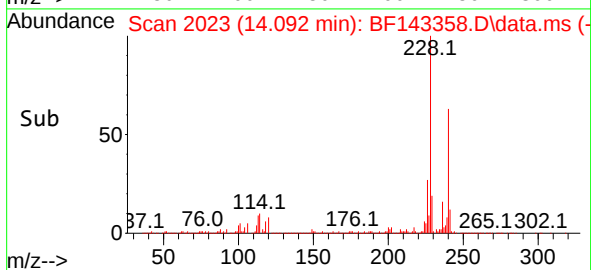
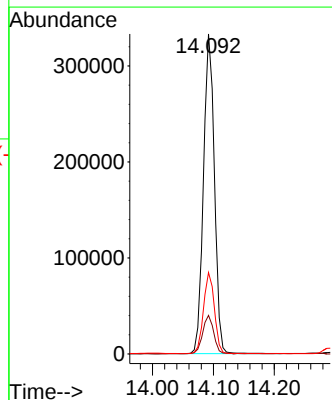
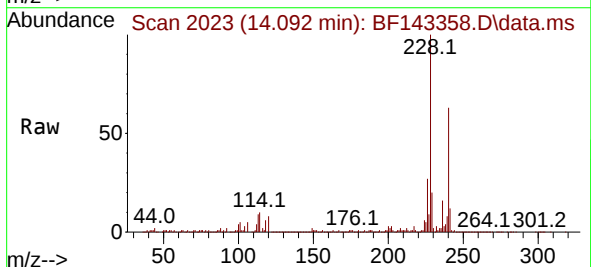
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

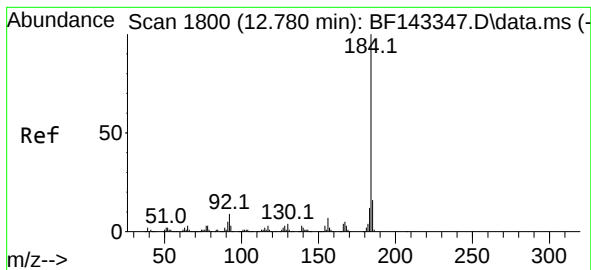
Tgt Ion:202 Resp: 1596667
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.2
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:240 Resp: 416428
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 25.4 19.9 29.9





#77

Benzidine

Concen: 44.163 ng

RT: 12.780 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD

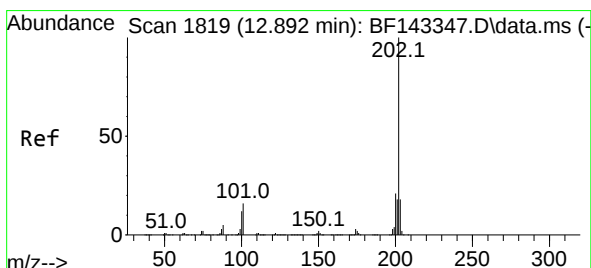
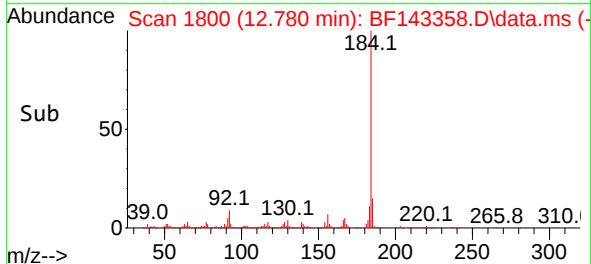
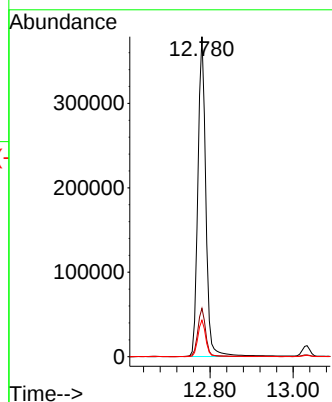
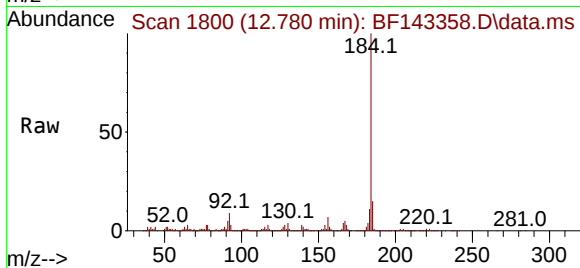
Tgt Ion:184 Resp: 502788

Ion Ratio Lower Upper

184 100

185 15.1 12.8 19.2

183 11.4 9.3 13.9



#78

Pyrene

Concen: 45.632 ng

RT: 12.898 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

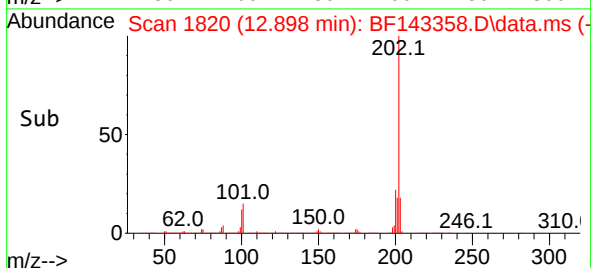
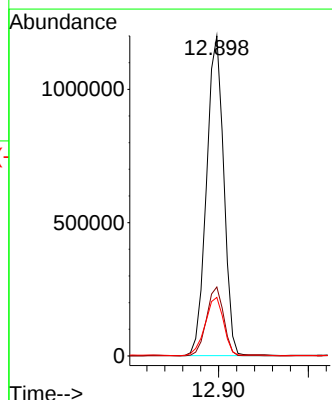
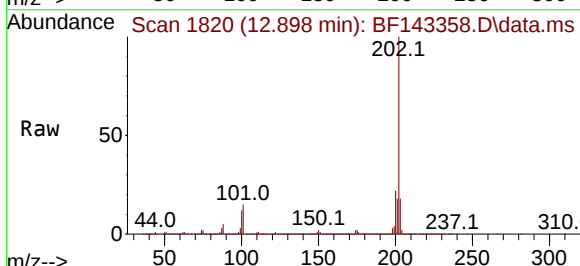
Tgt Ion:202 Resp: 1594136

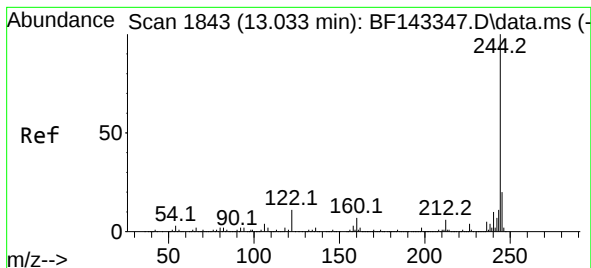
Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

203 18.3 14.2 21.4





#79

Terphenyl-d14

Concen: 59.099 ng

RT: 13.033 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD

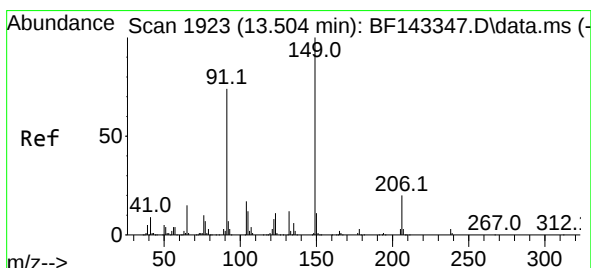
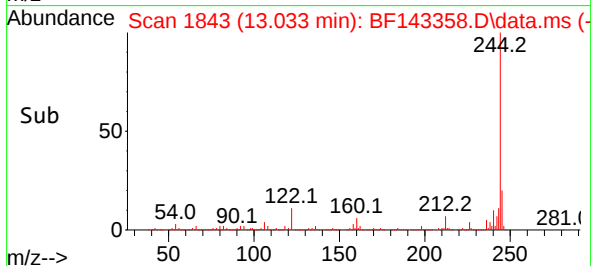
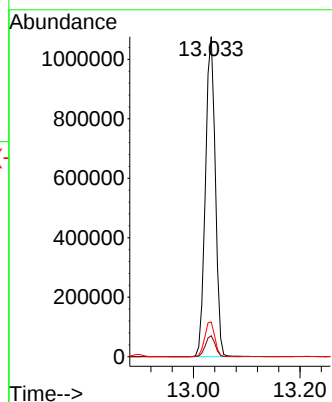
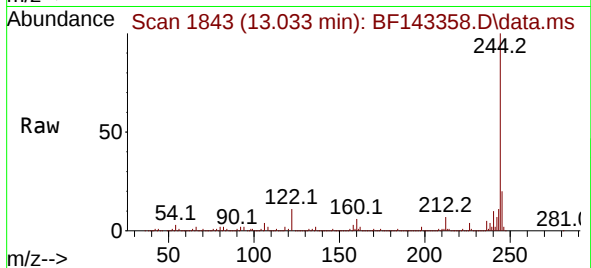
Tgt Ion:244 Resp: 1378469

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 10.9 8.9 13.3



#80

Butylbenzylphthalate

Concen: 71.821 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

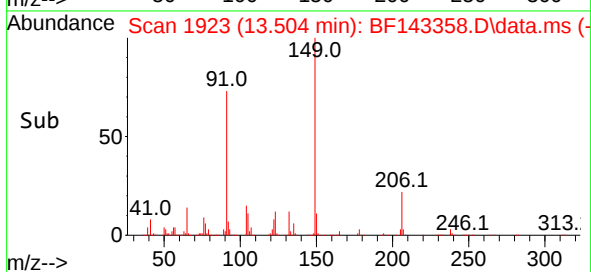
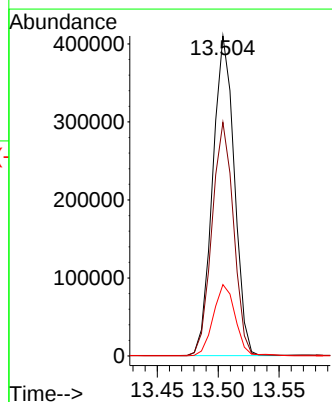
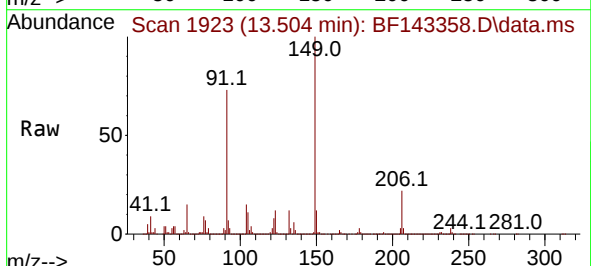
Tgt Ion:149 Resp: 508159

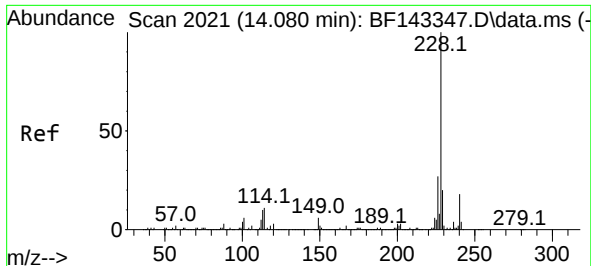
Ion Ratio Lower Upper

149 100

91 73.0 58.8 88.2

206 22.3 16.4 24.6

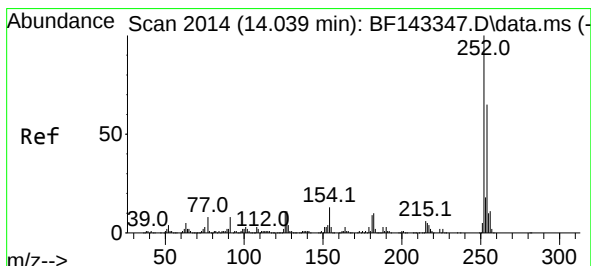
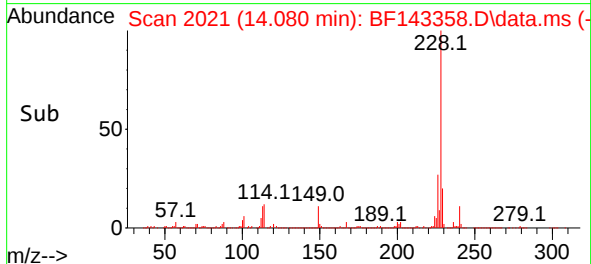
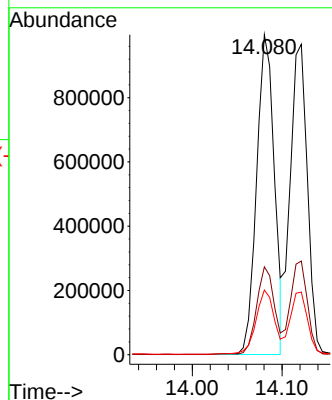
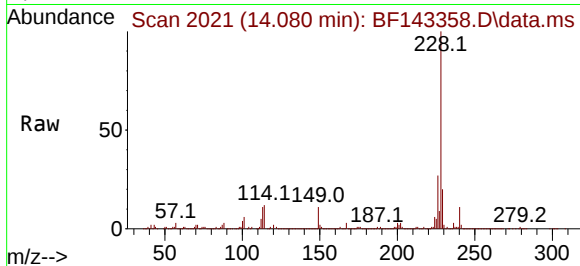




#81
Benzo(a)anthracene
Concen: 51.634 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

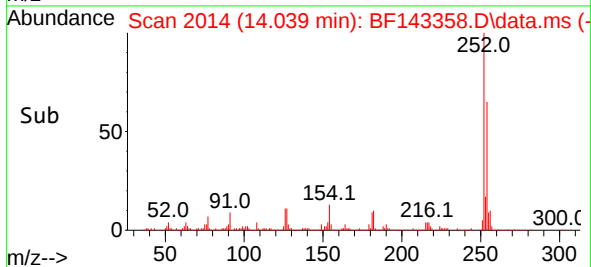
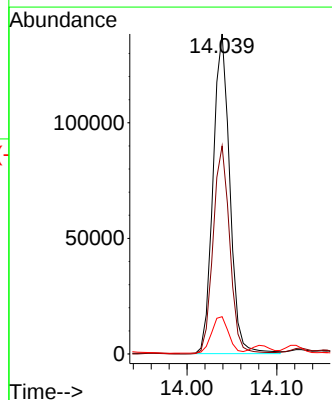
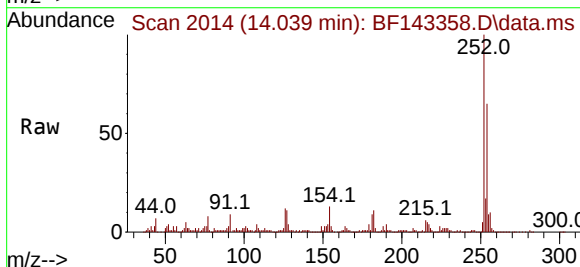
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

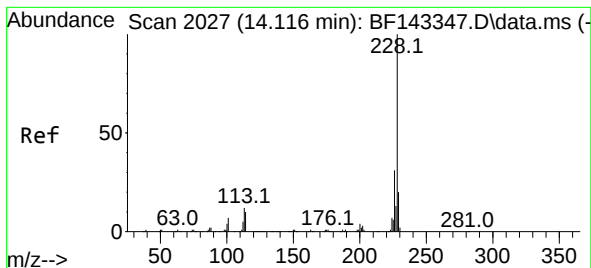
Tgt Ion:228 Resp: 1366635
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 25.060 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:252 Resp: 179105
Ion Ratio Lower Upper
252 100
254 65.0 51.7 77.5
126 11.7 9.2 13.8





#83

Chrysene

Concen: 51.602 ng

RT: 14.121 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD

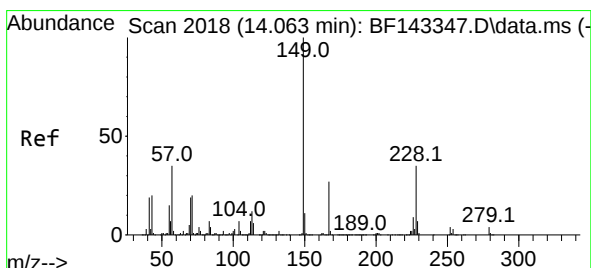
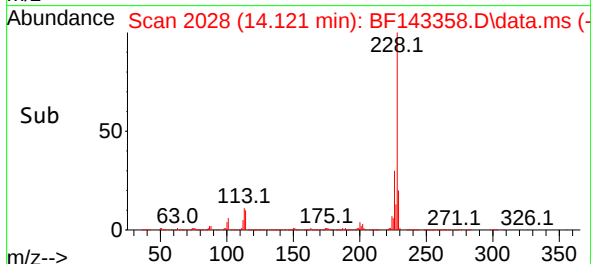
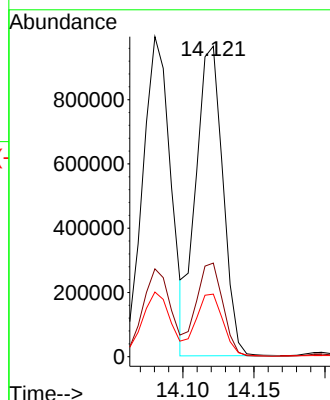
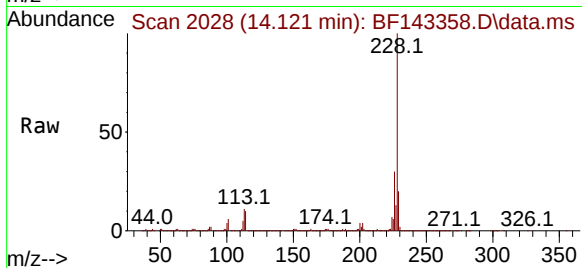
Tgt Ion:228 Resp: 1273528

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 20.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.006 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

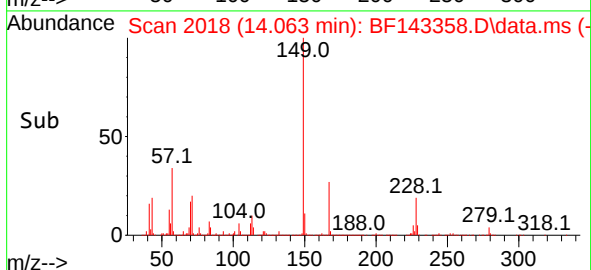
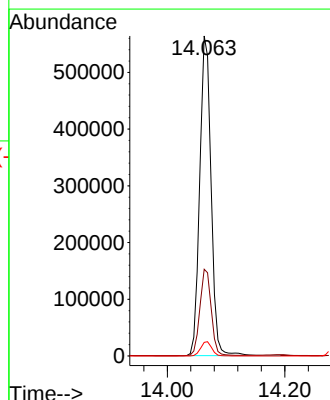
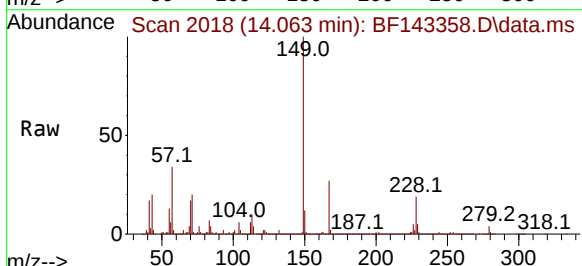
Tgt Ion:149 Resp: 753262

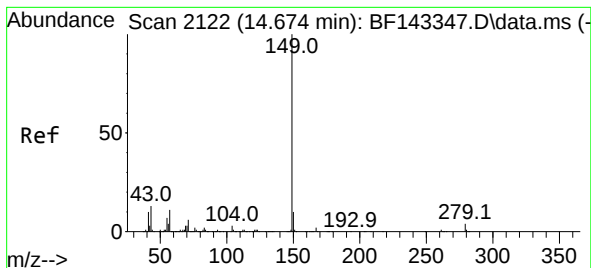
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.3 3.2 4.8

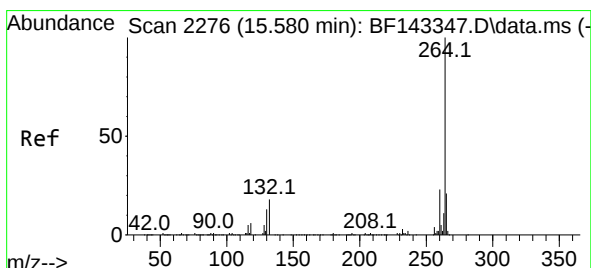
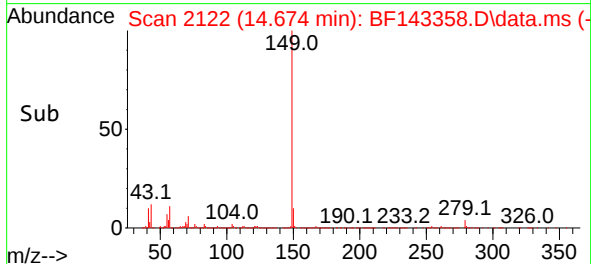
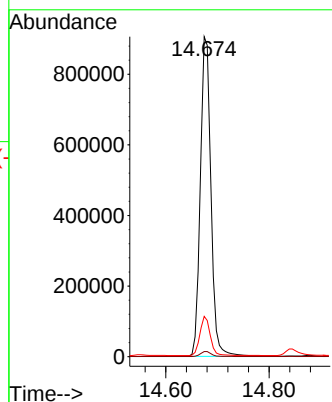
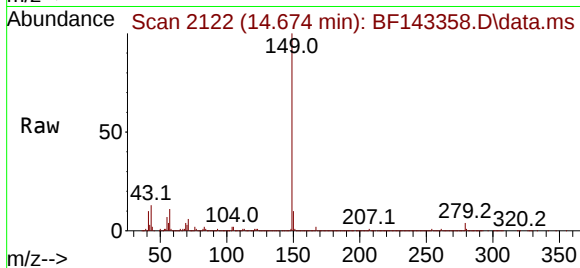




#85
Di-n-octyl phthalate
Concen: 61.853 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

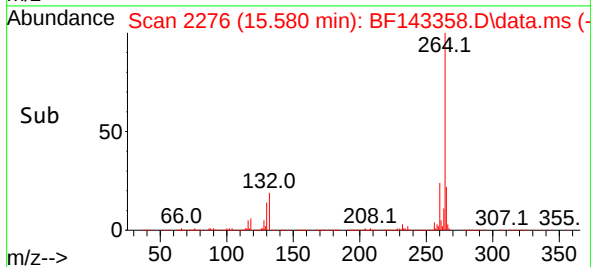
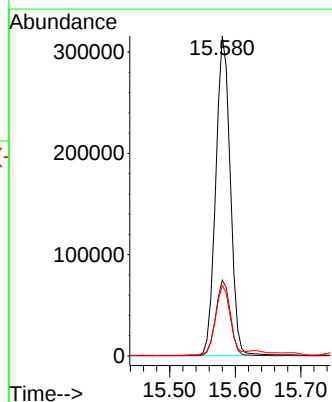
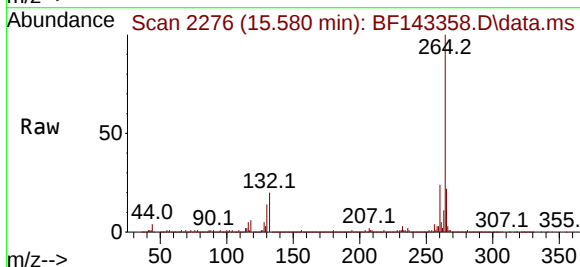
Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

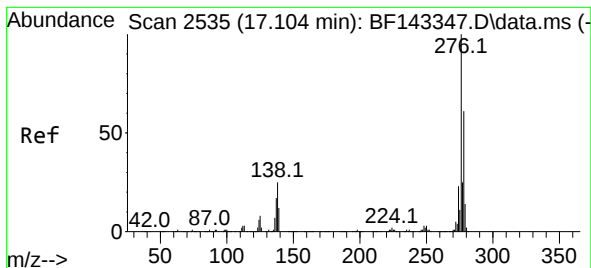
Tgt Ion:149 Resp: 1290695
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.9 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143358.D
Acq: 12 Aug 2025 17:32

Tgt Ion:264 Resp: 485253
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: 40.060 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD

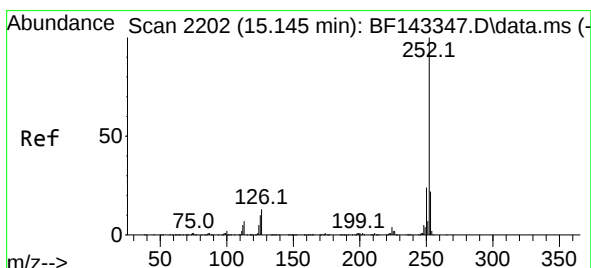
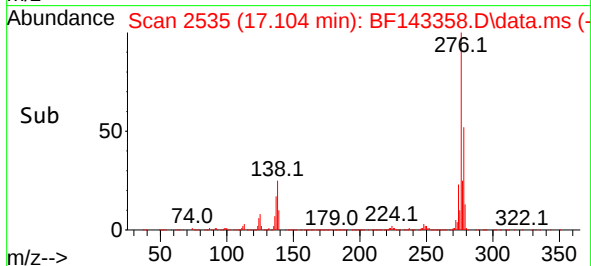
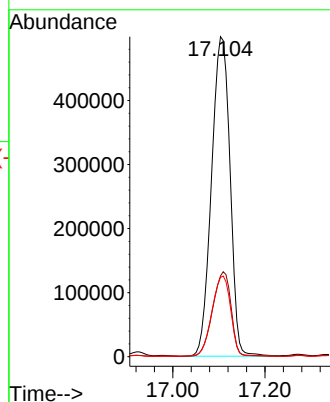
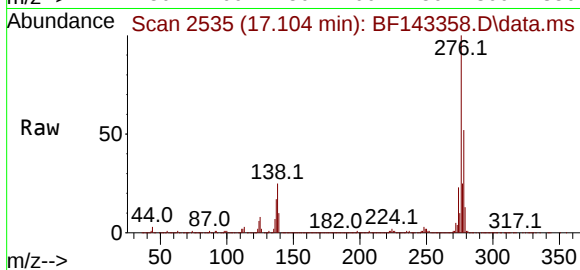
Tgt Ion:276 Resp: 1392678

Ion Ratio Lower Upper

276 100

138 26.4 21.1 31.7

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 57.868 ng

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

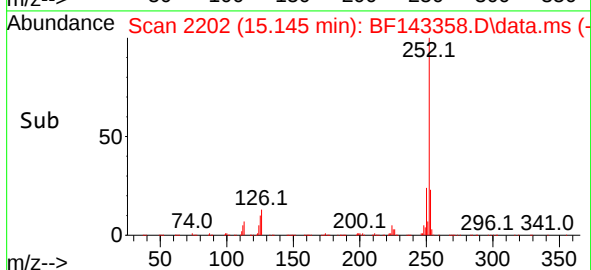
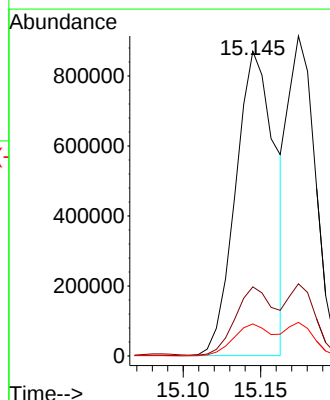
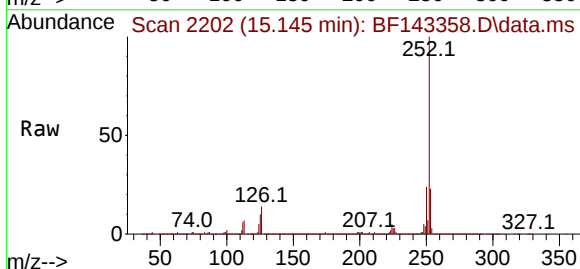
Tgt Ion:252 Resp: 1535888

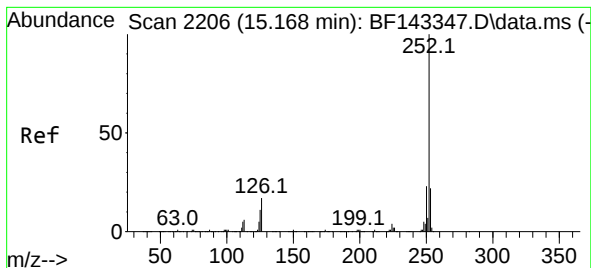
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 10.5 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 43.509 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD

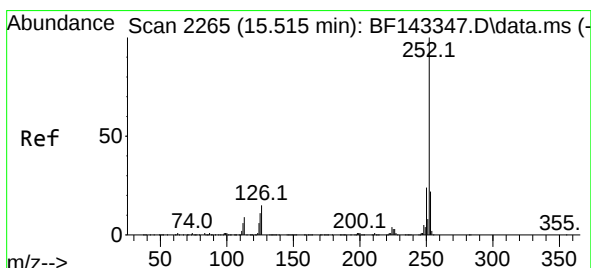
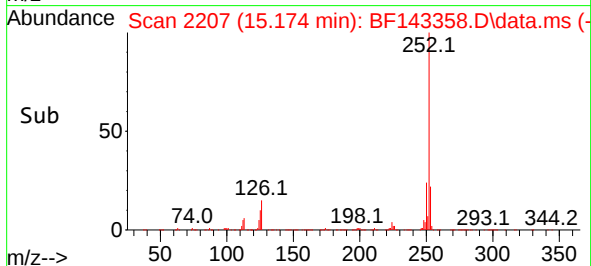
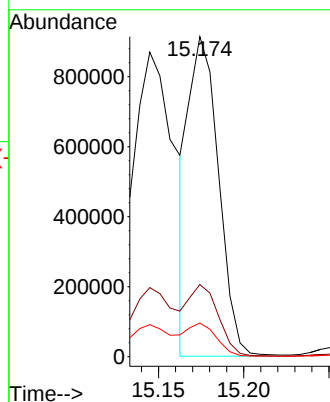
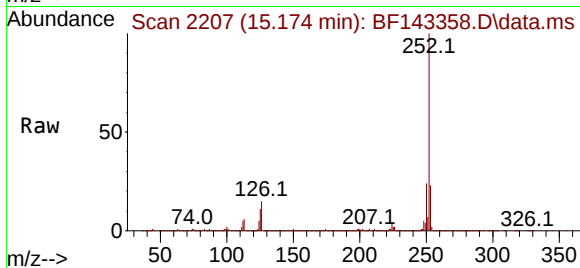
Tgt Ion:252 Resp: 1122098

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 10.5 8.4 12.6



#90

Benzo(a)pyrene

Concen: 52.856 ng

RT: 15.521 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

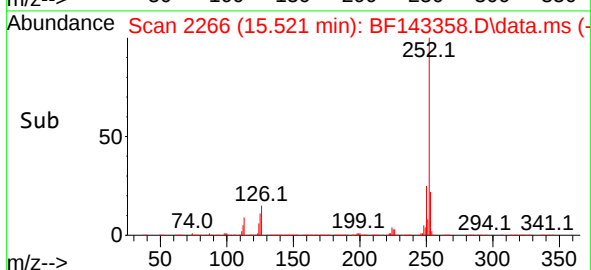
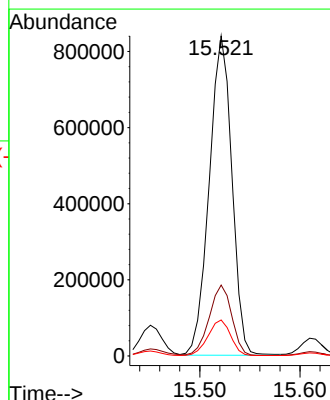
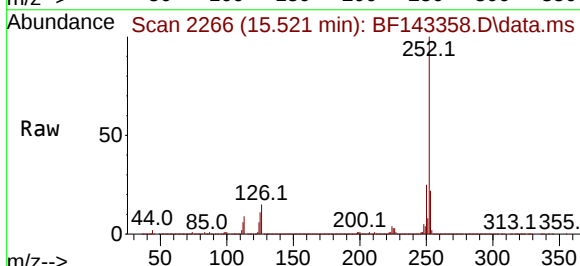
Tgt Ion:252 Resp: 1321279

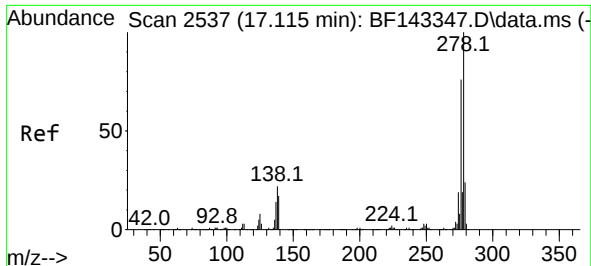
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.3 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 39.066 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Instrument :

BNA_F

ClientSampleId :

COMP-6MSD

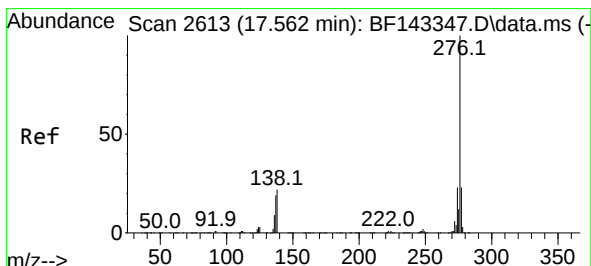
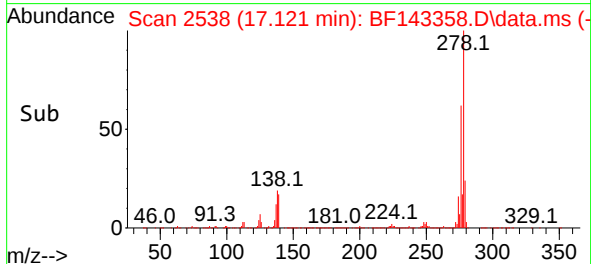
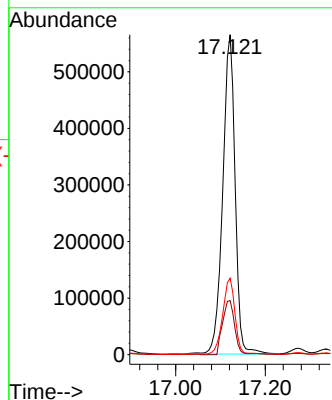
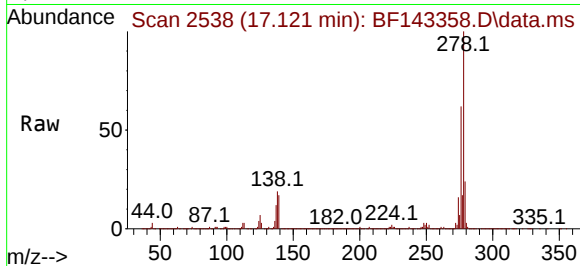
Tgt Ion:278 Resp: 1084994

Ion Ratio Lower Upper

278 100

139 16.9 14.0 21.0

279 23.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 37.632 ng

RT: 17.562 min Scan# 2613

Delta R.T. -0.000 min

Lab File: BF143358.D

Acq: 12 Aug 2025 17:32

Tgt Ion:276 Resp: 1052897

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 23.2 17.8 26.8

