

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143357.D
 Acq On : 12 Aug 2025 17:02
 Operator : RC/JU
 Sample : Q2807-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6MS

Quant Time: Aug 12 17:22:12 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	156492	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	586819	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	297224	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	432448	20.000	ng	0.00
76) Chrysene-d12	14.092	240	390031	20.000	ng	0.00
86) Perylene-d12	15.580	264	473134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	816863	90.264	ng	0.00
7) Phenol-d6	6.563	99	1067179	91.958	ng	0.00
23) Nitrobenzene-d5	7.487	82	664096	70.474	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	247661	114.015	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1154235	65.853	ng	0.00
79) Terphenyl-d14	13.033	244	1165234	53.338	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	175079	37.387	ng	100
3) Pyridine	3.569	79	473265	37.926	ng	98
4) n-Nitrosodimethylamine	3.505	42	252841	43.497	ng	99
6) Aniline	6.593	93	458691	28.036	ng	100
8) 2-Chlorophenol	6.716	128	420916	43.529	ng	98
9) Benzaldehyde	6.481	77	254709	33.207	ng	99
10) Phenol	6.575	94	551767	40.135	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	427241	42.166	ng	98
12) 1,3-Dichlorobenzene	6.875	146	470783	42.209	ng	99
13) 1,4-Dichlorobenzene	6.946	146	472815	42.237	ng	99
14) 1,2-Dichlorobenzene	7.098	146	451704	42.508	ng	99
15) Benzyl Alcohol	7.069	79	375963	45.195	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	780803	43.164	ng	98
17) 2-Methylphenol	7.181	107	343061	42.029	ng	100
18) Hexachloroethane	7.445	117	160548	45.745	ng	99
19) n-Nitroso-di-n-propyla...	7.334	70	307114	42.829	ng	99
20) 3+4-Methylphenols	7.334	107	412632	41.800	ng	95
22) Acetophenone	7.334	105	560121	43.321	ng	98
24) Nitrobenzene	7.504	77	450357	44.006	ng	99
25) Isophorone	7.745	82	839858	43.659	ng	99
26) 2-Nitrophenol	7.822	139	203007	49.386	ng	97
27) 2,4-Dimethylphenol	7.863	122	379436	47.278	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	519224	44.208	ng	100
29) 2,4-Dichlorophenol	8.069	162	345552	44.083	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	371431	44.921	ng	99
31) Naphthalene	8.234	128	1174328	41.588	ng	100
32) Benzoic acid	7.969	122	177442	50.149	ng	99
33) 4-Chloroaniline	8.275	127	202527	19.886	ng	99
34) Hexachlorobutadiene	8.351	225	224841	43.713	ng	99
35) Caprolactam	8.640	113	105422	47.840	ng	97
36) 4-Chloro-3-methylphenol	8.763	107	344956	41.977	ng	97
37) 2-Methylnaphthalene	8.922	142	710577	38.278	ng	99
38) 1-Methylnaphthalene	9.022	142	726026	40.608	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	351713	43.243	ng	99
41) Hexachlorocyclopentadiene	9.081	237	330717	112.352	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	227894	49.384	ng	99

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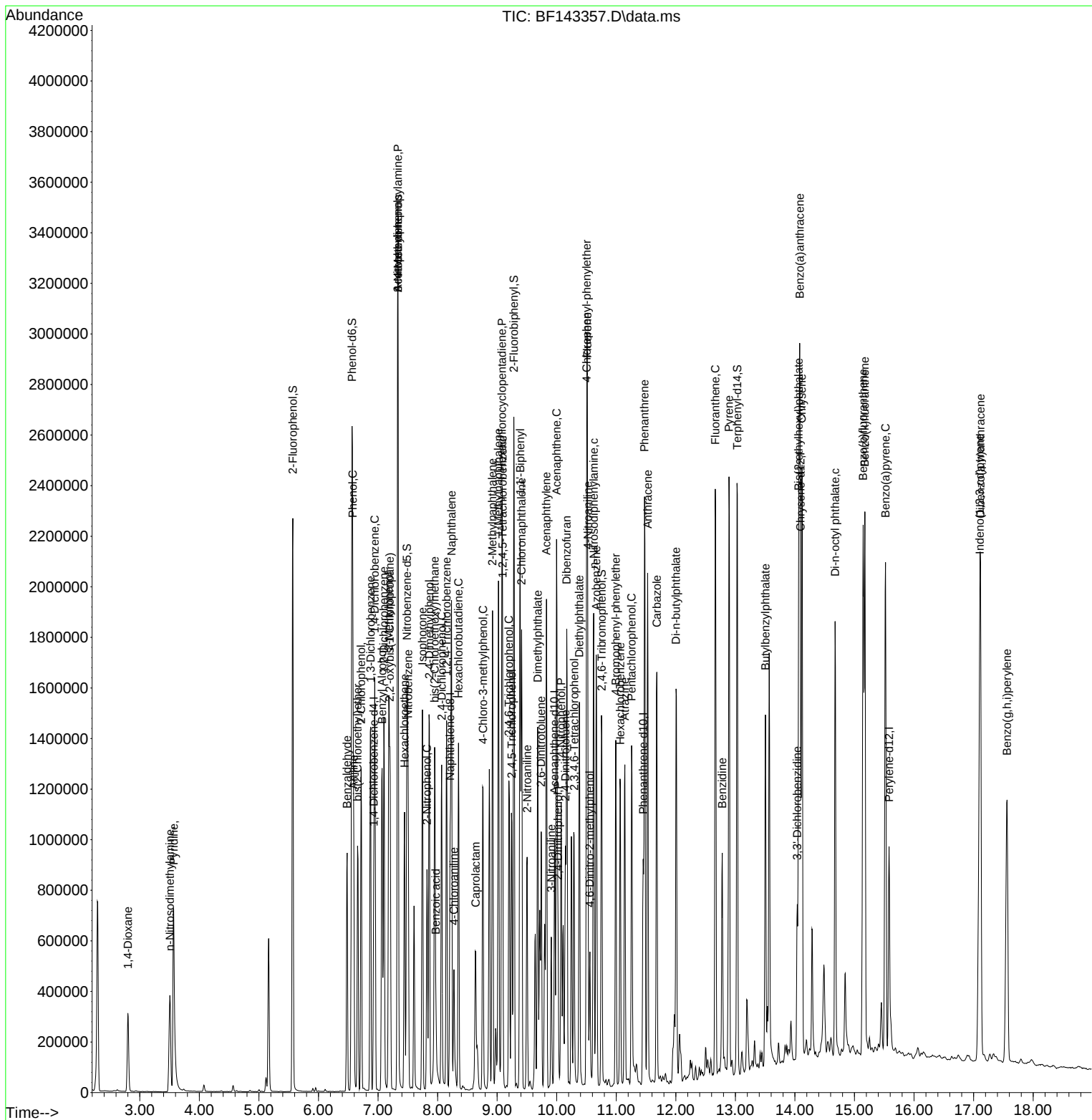
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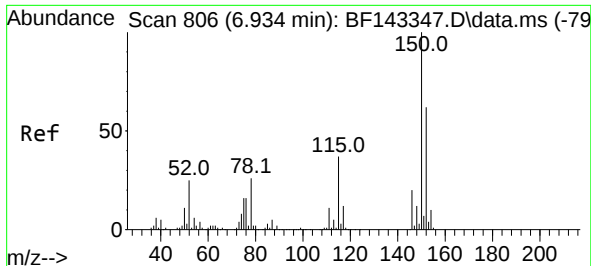
Quant Time: Aug 12 17:22:12 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	236660	45.413	ng	99
46) 1,1'-Biphenyl	9.387	154	933758	44.432	ng	100
47) 2-Chloronaphthalene	9.410	162	714158	43.148	ng	99
48) 2-Nitroaniline	9.504	65	221660	46.525	ng	99
49) Acenaphthylene	9.828	152	1142446	47.797	ng	100
50) Dimethylphthalate	9.681	163	811792	46.743	ng	100
51) 2,6-Dinitrotoluene	9.739	165	167865	50.888	ng	99
52) Acenaphthene	9.998	154	719315	45.268	ng	100
53) 3-Nitroaniline	9.910	138	117520	33.042	ng	98
54) 2,4-Dinitrophenol	10.022	184	110126	79.443	ng	# 83
55) Dibenzofuran	10.169	168	979535	42.831	ng	99
56) 4-Nitrophenol	10.075	139	239983	84.124	ng	99
57) 2,4-Dinitrotoluene	10.145	165	218502	49.971	ng	95
58) Fluorene	10.516	166	749019	42.879	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	186678	53.141	ng	99
60) Diethylphthalate	10.381	149	770188	49.510	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	365590	43.314	ng	98
62) 4-Nitroaniline	10.522	138	165289	48.034	ng	99
63) Azobenzene	10.663	77	864662	48.662	ng	96
65) 4,6-Dinitro-2-methylph...	10.557	198	85973	48.966	ng	98
66) n-Nitrosodiphenylamine	10.622	169	642160	45.097	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	225678	45.630	ng	98
68) Hexachlorobenzene	11.069	284	228918	42.940	ng	99
69) Atrazine	11.145	200	203496	54.792	ng	100
70) Pentachlorophenol	11.257	266	238217	90.453	ng	98
71) Phenanthrene	11.475	178	1243555	52.706	ng	100
72) Anthracene	11.528	178	1076705	44.998	ng	100
73) Carbazole	11.681	167	929305	45.603	ng	99
74) Di-n-butylphthalate	12.004	149	1121739	65.050	ng	100
75) Fluoranthene	12.663	202	1320210	63.878	ng	100
77) Benzidine	12.780	184	479406	44.959	ng	98
78) Pyrene	12.892	202	1348664	41.219	ng	99
80) Butylbenzylphthalate	13.504	149	433049	65.650	ng	97
81) Benzo(a)anthracene	14.080	228	1283275	51.766	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	193103	28.848	ng	98
83) Chrysene	14.116	228	1171839	50.695	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	645569	66.227	ng	99
85) Di-n-octyl phthalate	14.674	149	1160032	59.598	ng	97
87) Indeno(1,2,3-cd)pyrene	17.104	276	1304300	38.478	ng	100
88) Benzo(b)fluoranthene	15.145	252	1494896	57.766	ng	99
89) Benzo(k)fluoranthene	15.174	252	1026897	40.838	ng	99
90) Benzo(a)pyrene	15.521	252	1258435	51.632	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	1021632	37.726	ng	100
92) Benzo(g,h,i)perylene	17.562	276	997763	36.575	ng	99

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

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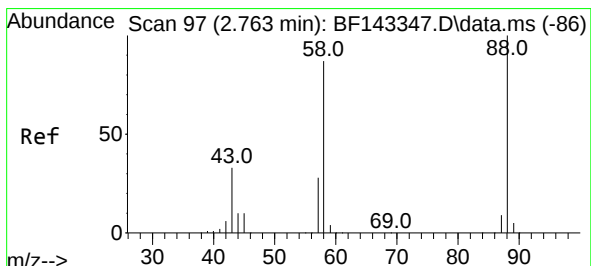
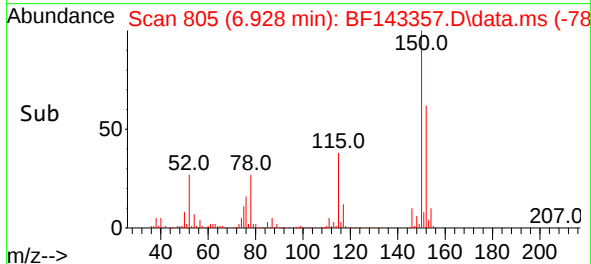
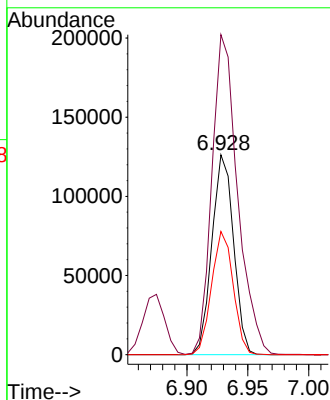
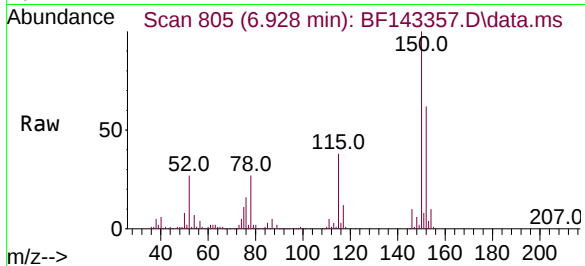




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF143357.D
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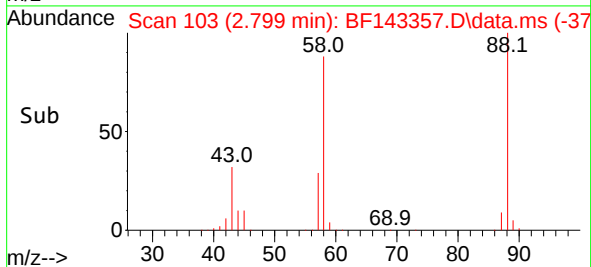
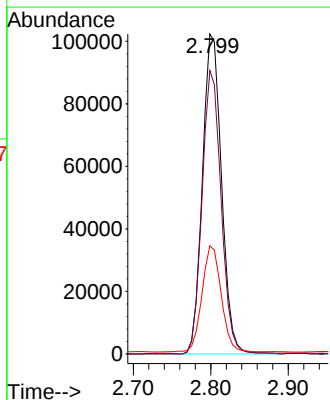
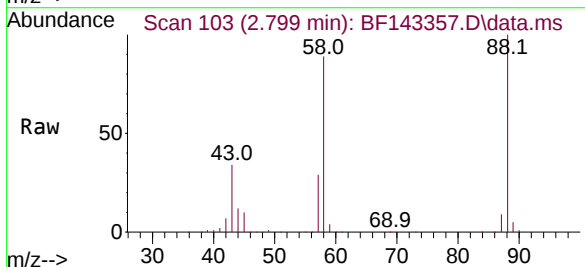
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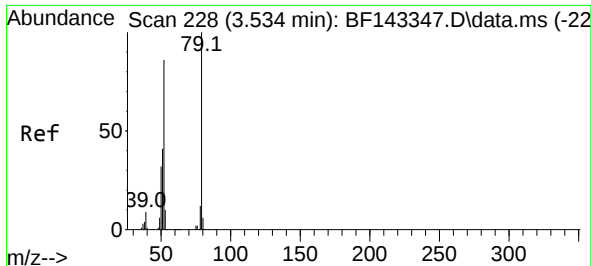
Tgt Ion:152 Resp: 156492
 Ion Ratio Lower Upper
 152 100
 150 160.1 129.8 194.8
 115 61.6 47.8 71.8



#2
 1,4-Dioxane
 Concen: 37.387 ng
 RT: 2.799 min Scan# 103
 Delta R.T. 0.035 min
 Lab File: BF143357.D
 Acq: 12 Aug 2025 17:02

Tgt Ion: 88 Resp: 175079
 Ion Ratio Lower Upper
 88 100
 58 88.7 71.0 106.6
 43 33.4 27.0 40.6





#3

Pyridine

Concen: 37.926 ng

RT: 3.569 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

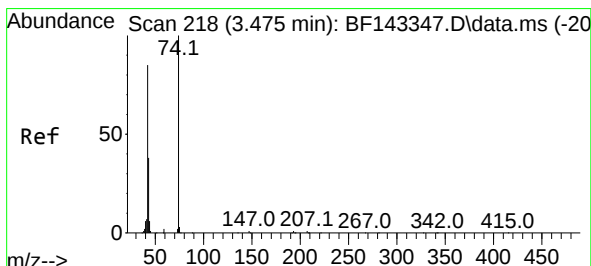
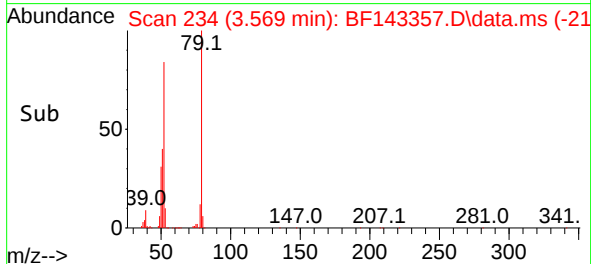
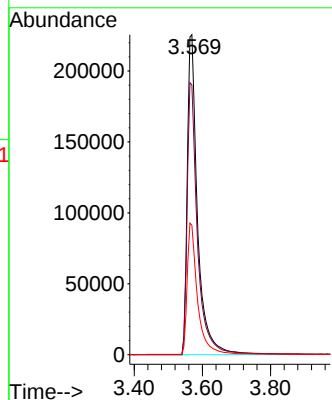
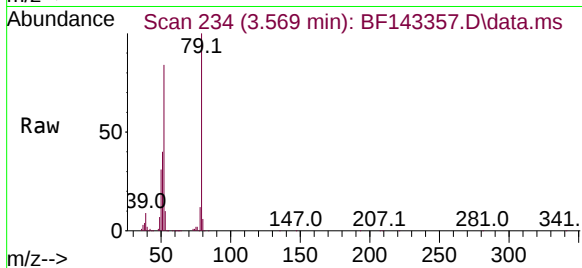
Tgt Ion: 79 Resp: 473265

Ion Ratio Lower Upper

79 100

52 84.2 68.7 103.1

51 40.4 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 43.497 ng

RT: 3.505 min Scan# 223

Delta R.T. 0.029 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

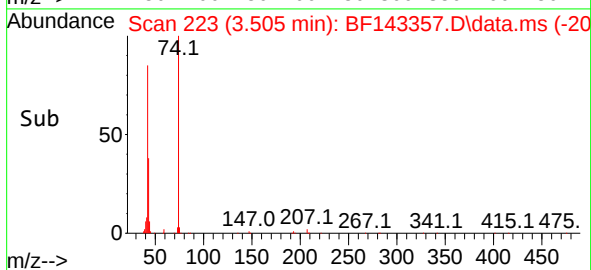
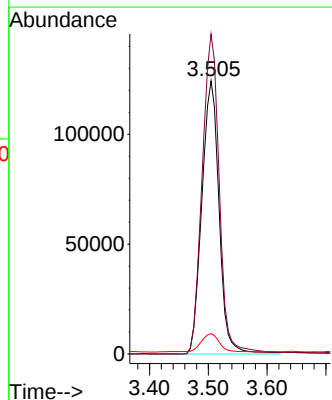
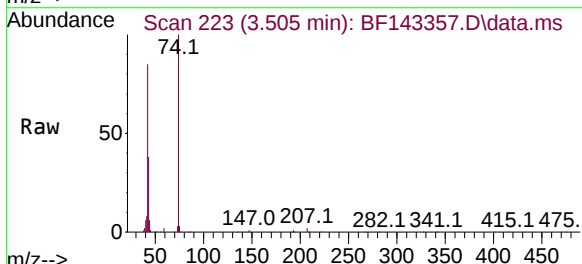
Tgt Ion: 42 Resp: 252841

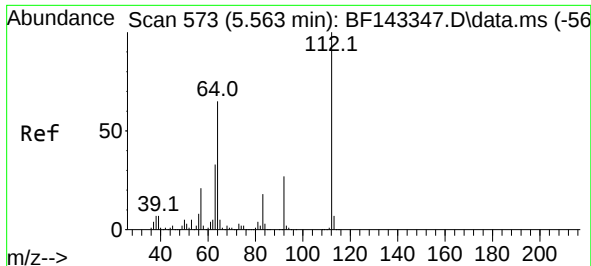
Ion Ratio Lower Upper

42 100

74 117.1 94.1 141.1

44 7.4 6.5 9.7

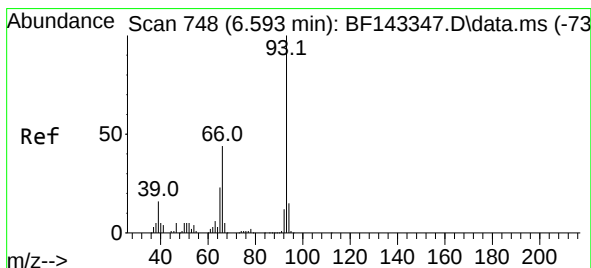
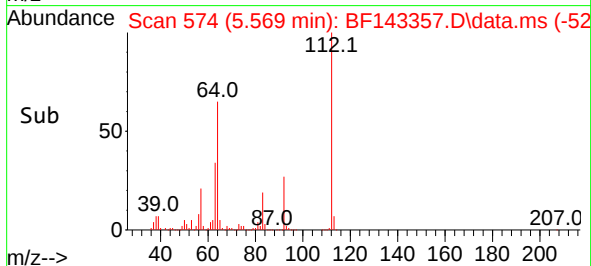
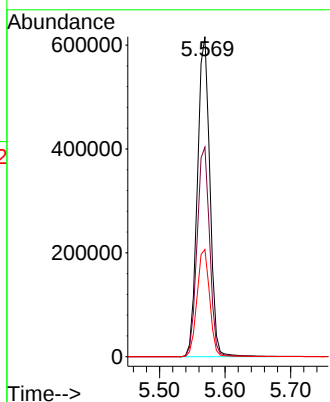
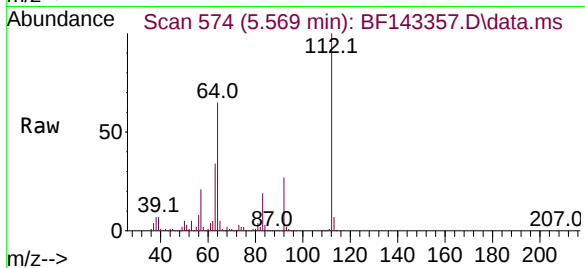




#5
2-Fluorophenol
Concen: 90.264 ng
RT: 5.569 min Scan# 512
Delta R.T. 0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

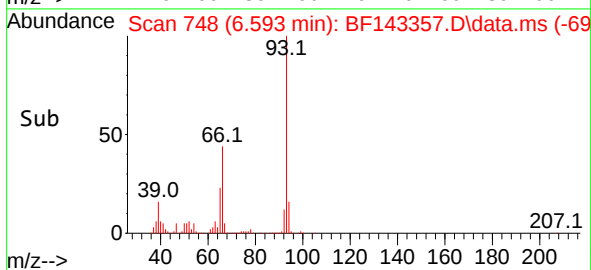
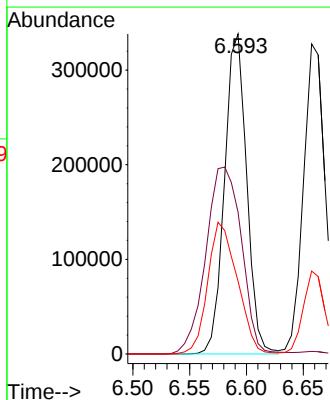
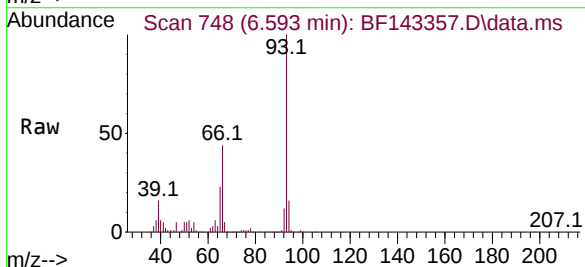
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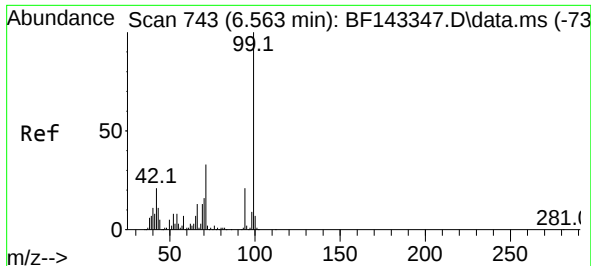
Tgt Ion:112 Resp: 816863
Ion Ratio Lower Upper
112 100
64 65.4 52.1 78.1
63 33.5 26.6 39.8



#6
Aniline
Concen: 28.036 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion: 93 Resp: 458691
Ion Ratio Lower Upper
93 100
66 44.3 35.3 52.9
65 22.8 18.2 27.4

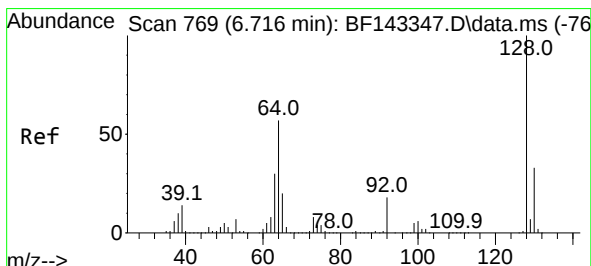
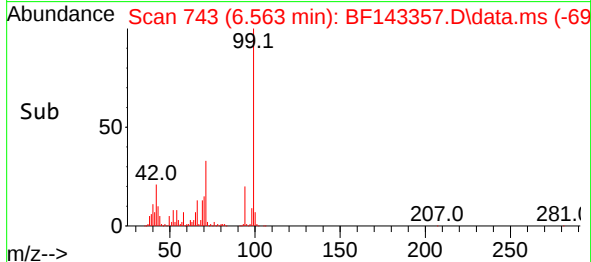
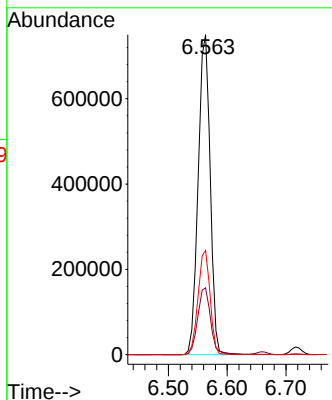
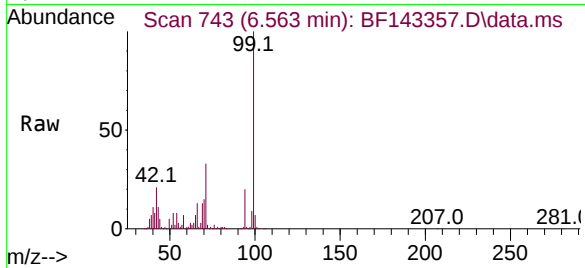




#7
Phenol-d6
Concen: 91.958 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

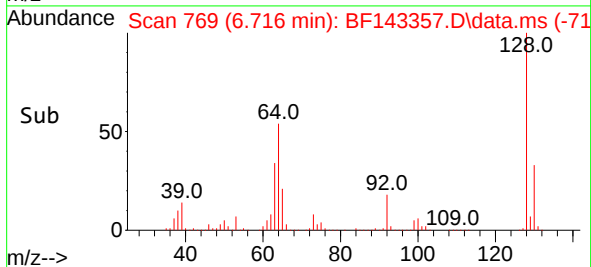
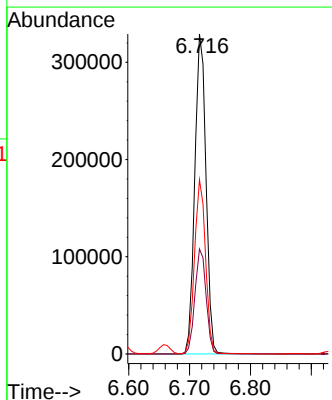
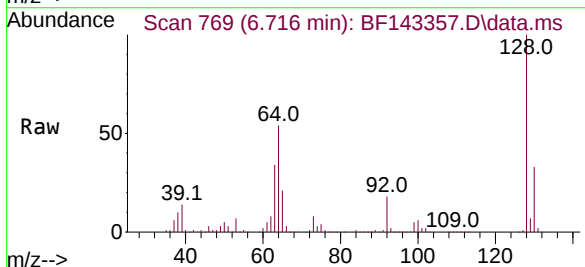
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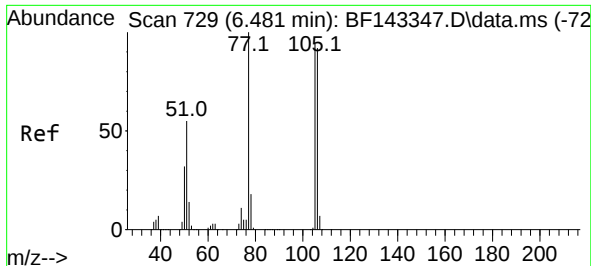
Tgt Ion: 99 Resp: 1067179
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 32.6 26.2 39.2



#8
2-Chlorophenol
Concen: 43.529 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion: 128 Resp: 420916
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 54.4 36.7 76.7

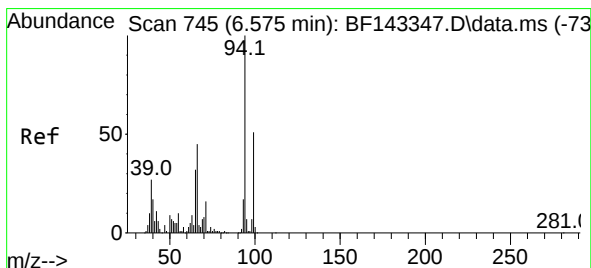
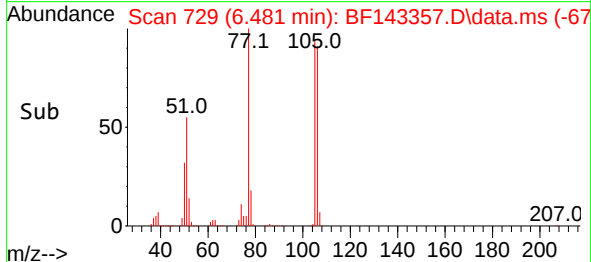
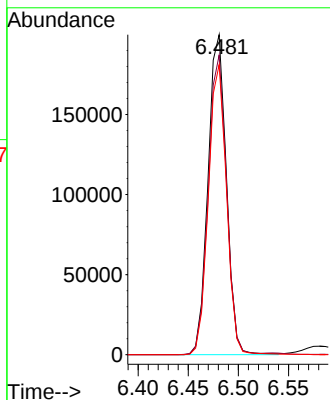
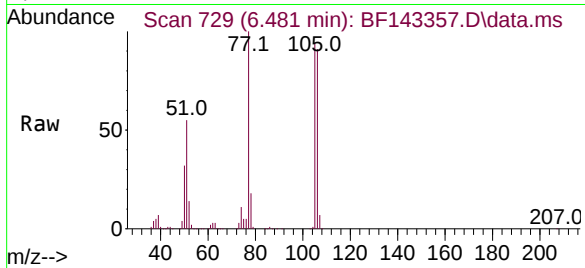




#9
Benzaldehyde
Concen: 33.207 ng
RT: 6.481 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

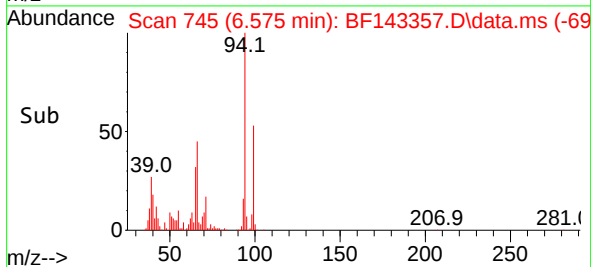
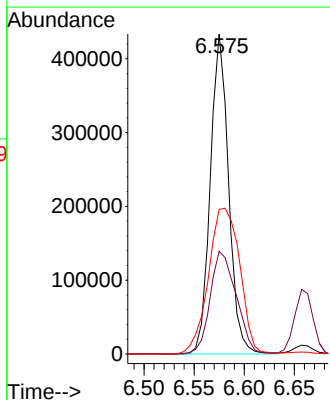
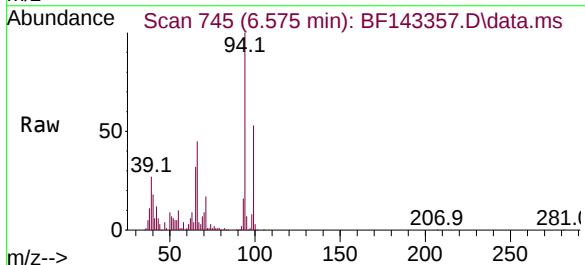
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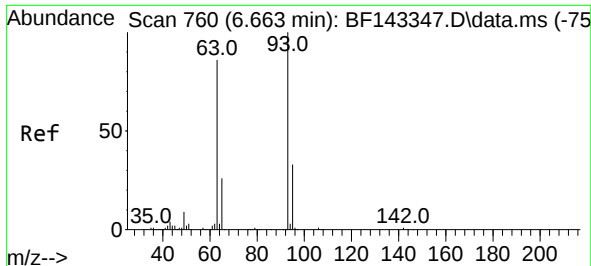
Tgt Ion: 77 Resp: 254709
Ion Ratio Lower Upper
77 100
105 93.7 74.2 114.2
106 90.7 72.2 112.2



#10
Phenol
Concen: 40.135 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion: 94 Resp: 551767
Ion Ratio Lower Upper
94 100
65 32.1 12.0 52.0
66 45.2 25.6 65.6

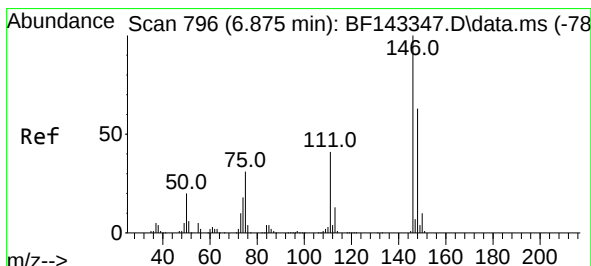
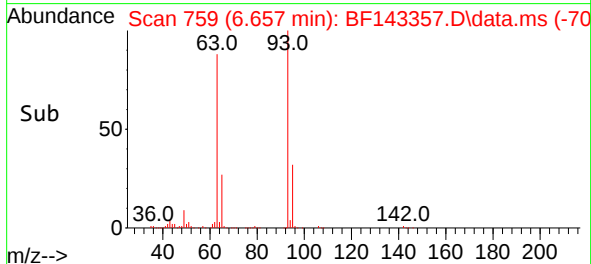
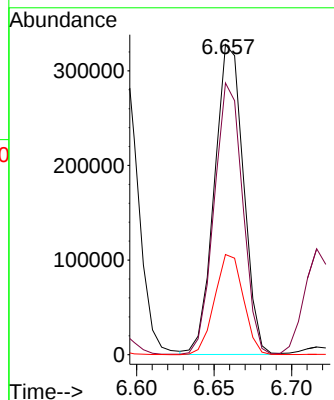
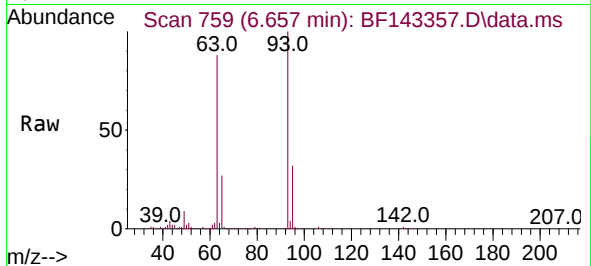




#11
bis(2-Chloroethyl)ether
Concen: 42.166 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

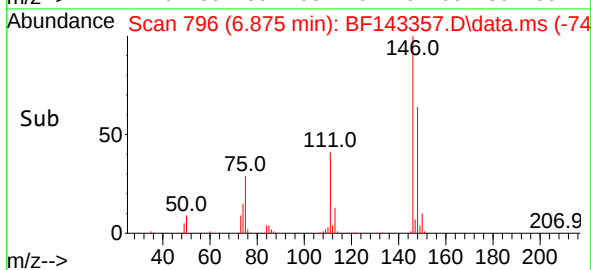
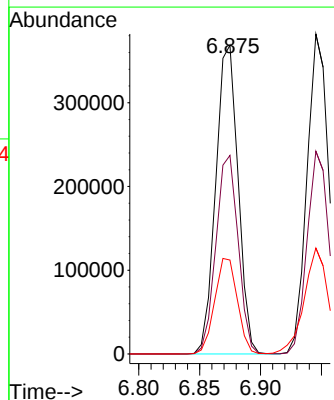
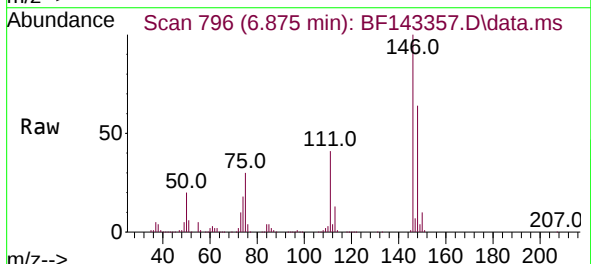
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

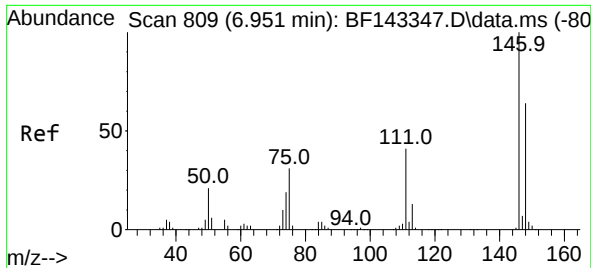
Tgt Ion: 93 Resp: 427241
Ion Ratio Lower Upper
93 100
63 87.6 65.7 105.7
95 32.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 42.209 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:146 Resp: 470783
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 30.4 24.9 37.3

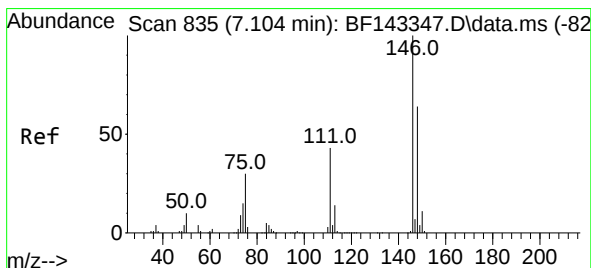
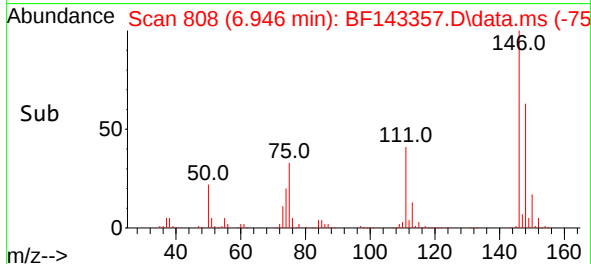
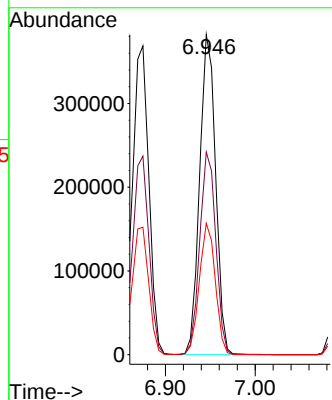
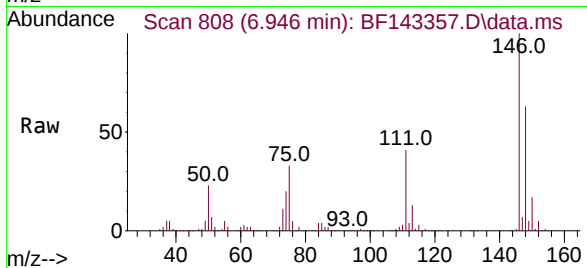




#13
1,4-Dichlorobenzene
Concen: 42.237 ng
RT: 6.946 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

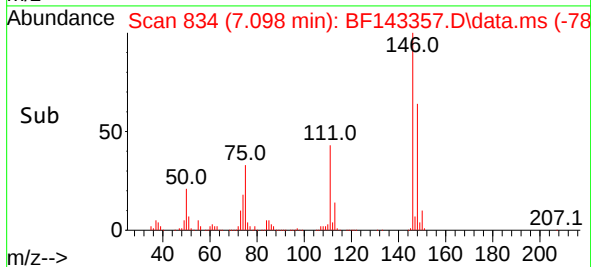
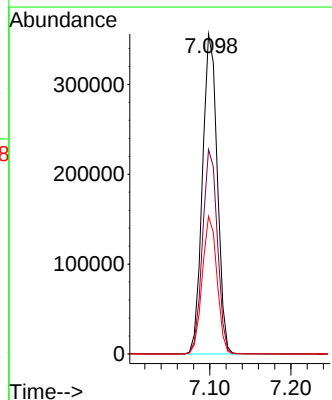
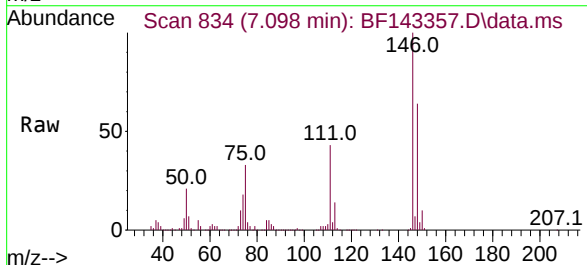
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

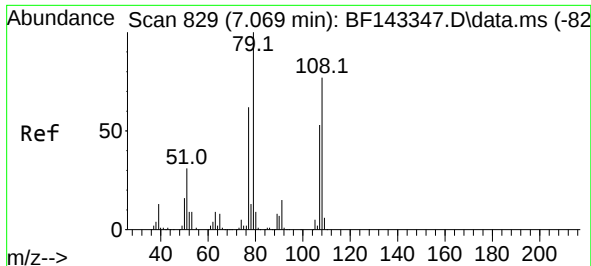
Tgt Ion:146 Resp: 472815
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
111 41.0 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 42.508 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:146 Resp: 451704
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
111 43.0 34.1 51.1

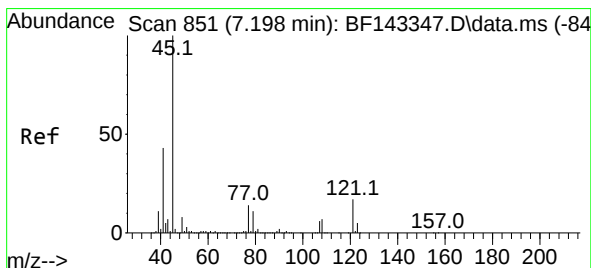
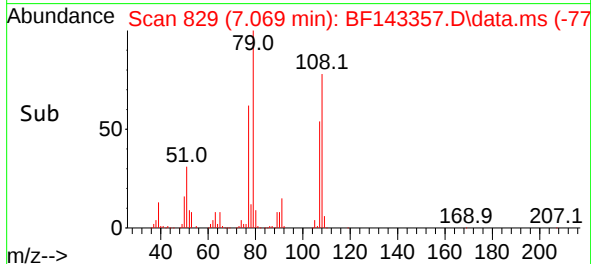
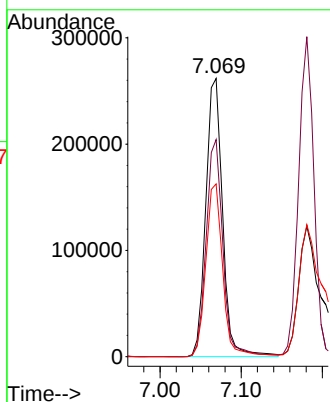
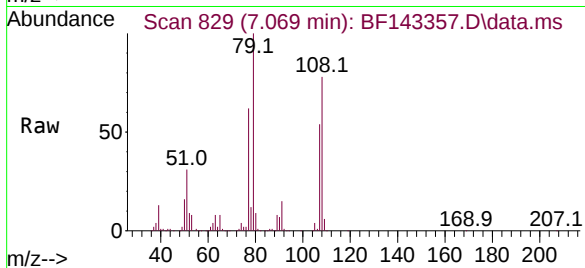




#15
Benzyl Alcohol
Concen: 45.195 ng
RT: 7.069 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

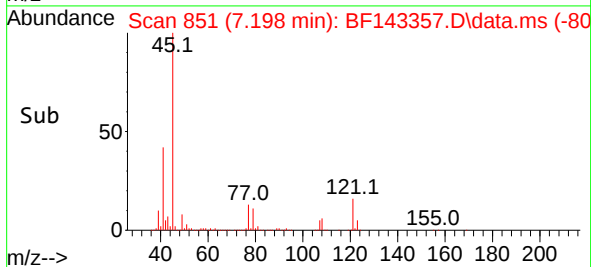
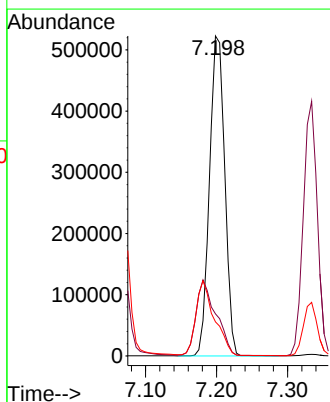
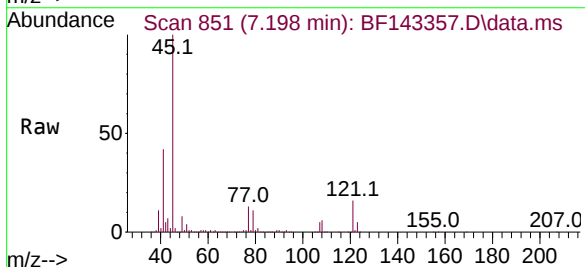
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

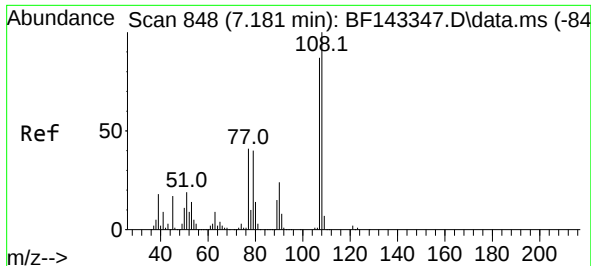
Tgt Ion: 79 Resp: 375963
Ion Ratio Lower Upper
79 100
108 78.0 61.5 92.3
77 62.1 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.164 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

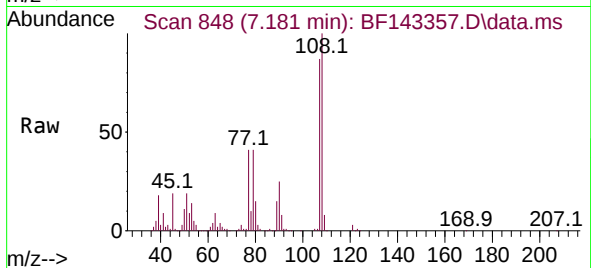
Tgt Ion: 45 Resp: 780803
Ion Ratio Lower Upper
45 100
77 13.1 0.0 34.0
79 10.6 0.0 31.1



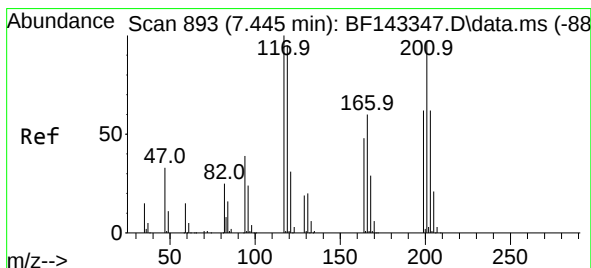
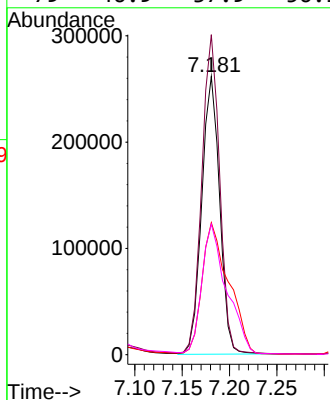
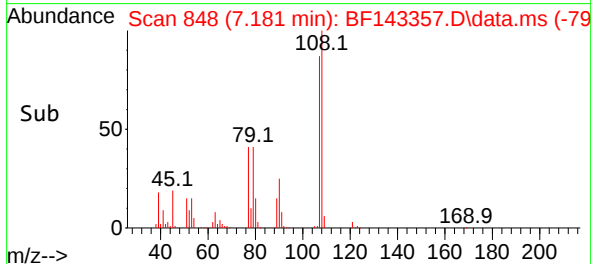


#17
2-Methylphenol
Concen: 42.029 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Instrument :
BNA_F
ClientSampleId :
COMP-6MS

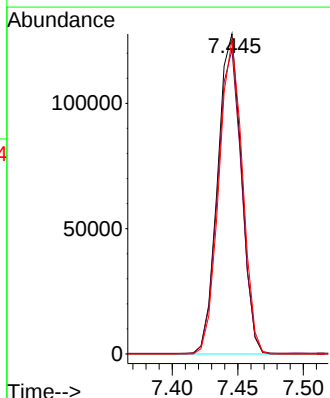
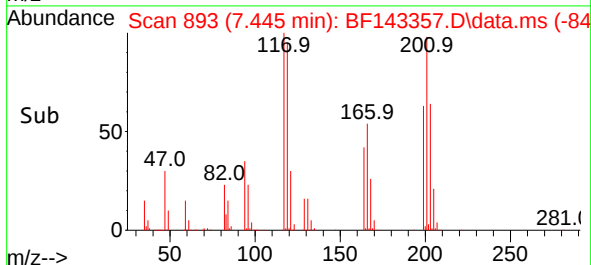
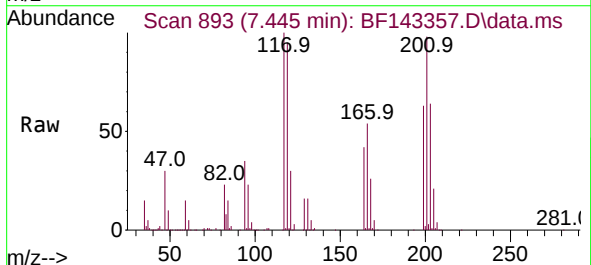


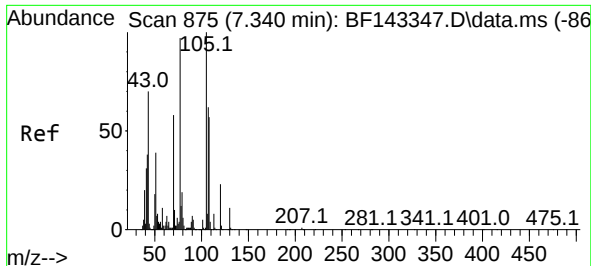
Tgt Ion:	107	Resp:	343061
Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	47.5	38.2	57.2
79	46.9	37.9	56.9



#18
Hexachloroethane
Concen: 45.745 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:	117	Resp:	160548
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.8
201	98.3	77.2	115.8



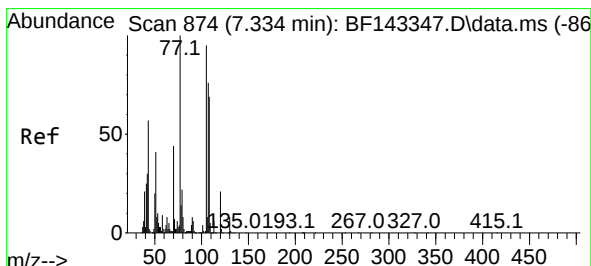
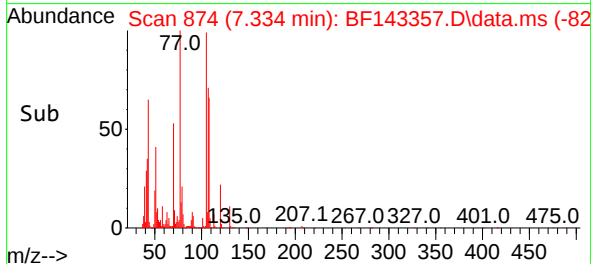
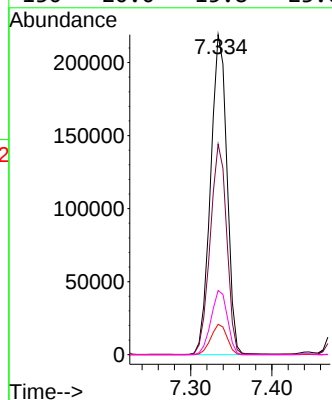
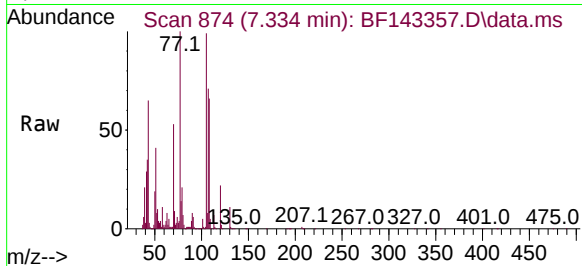


#19
n-Nitroso-di-n-propylamine
Concen: 42.829 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Instrument :
BNA_F
ClientSampleId :
COMP-6MS

Tgt Ion: 70 Resp: 307114

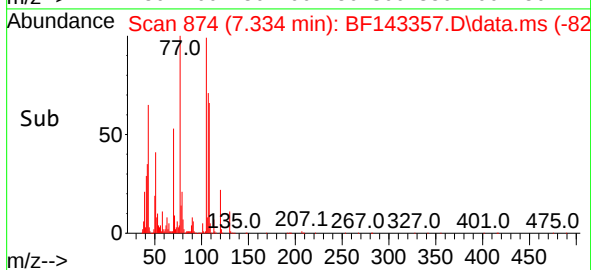
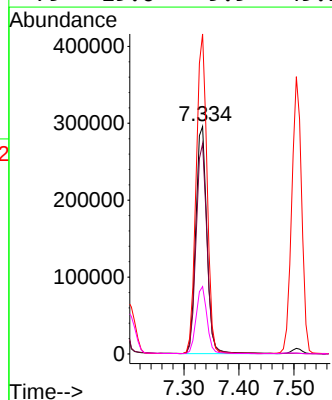
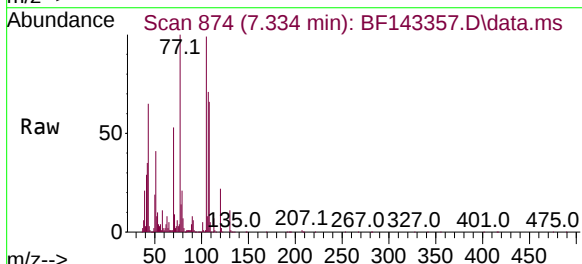
Ion	Ratio	Lower	Upper
70	100		
42	65.8	51.6	77.4
101	9.5	7.5	11.3
130	20.0	15.8	23.6

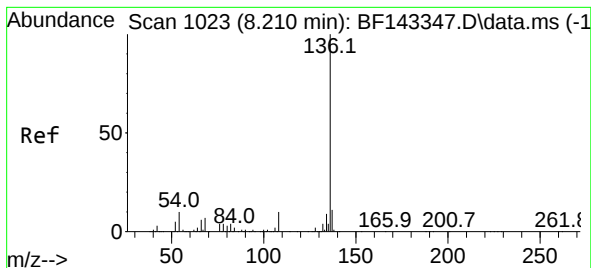


#20
3+4-Methylphenols
Concen: 41.800 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion: 107 Resp: 412632

Ion	Ratio	Lower	Upper
107	100		
108	92.4	70.6	110.6
77	140.6	112.0	152.0
79	29.6	9.9	49.9

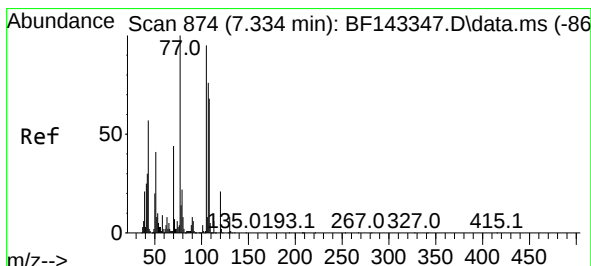
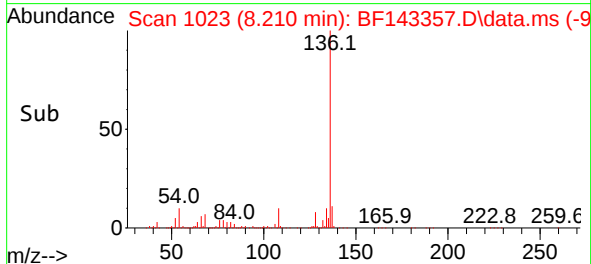
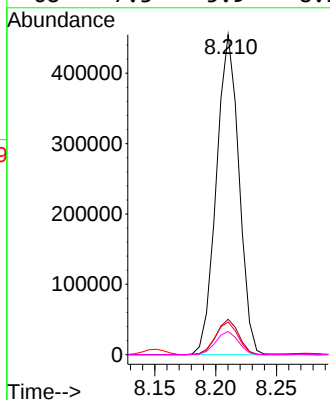
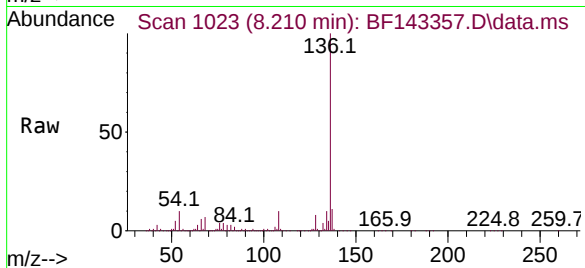




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

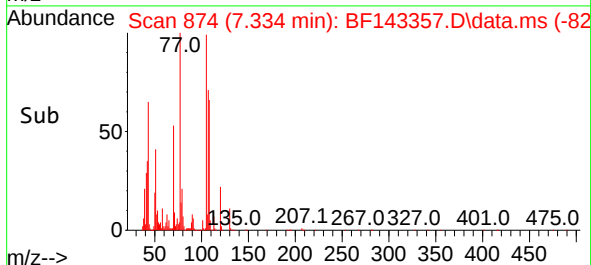
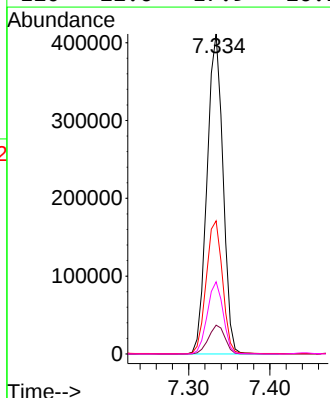
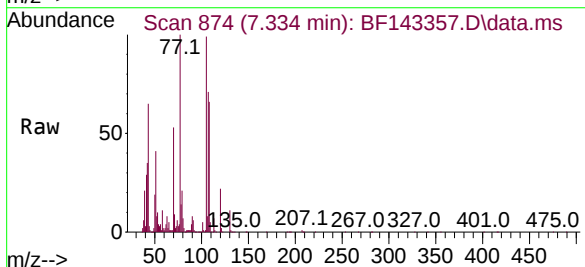
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

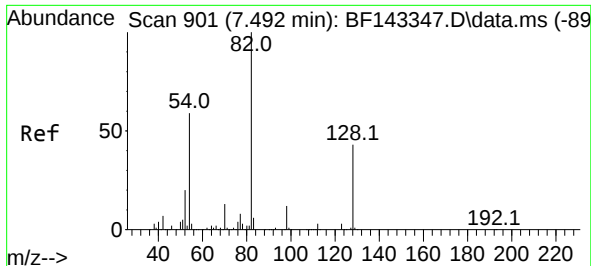
Tgt Ion:	136	Resp:	586819
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	10.2	8.4	12.6
68	7.3	5.9	8.9



#22
Acetophenone
Concen: 43.321 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:	105	Resp:	560121
Ion Ratio	Lower	Upper	
105	100		
71	9.0	6.2	9.4
51	41.6	34.8	52.2
120	22.6	17.9	26.9

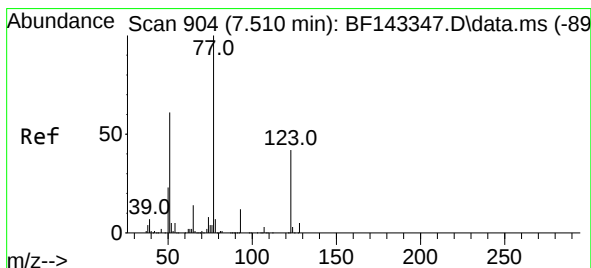
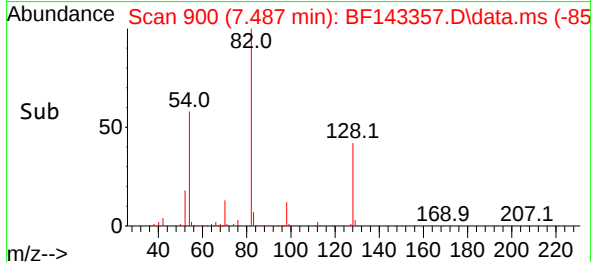
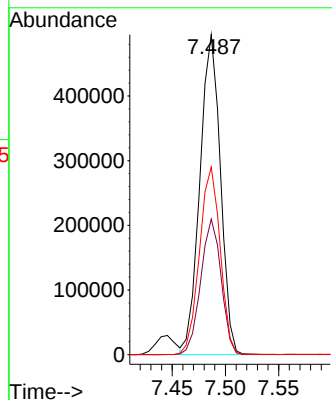
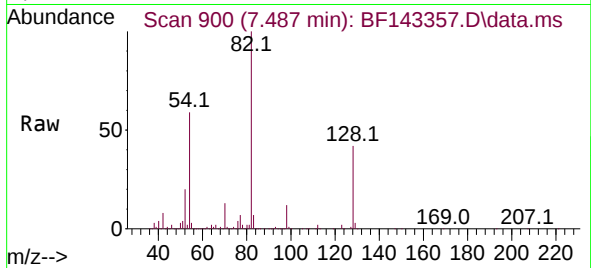




#23
Nitrobenzene-d5
Concen: 70.474 ng
RT: 7.487 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

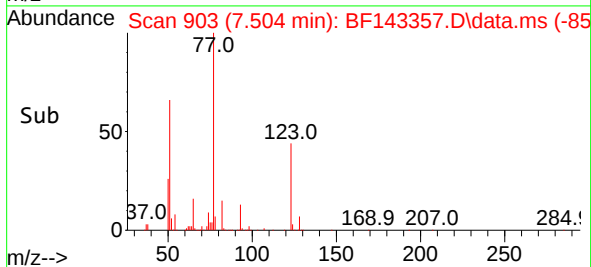
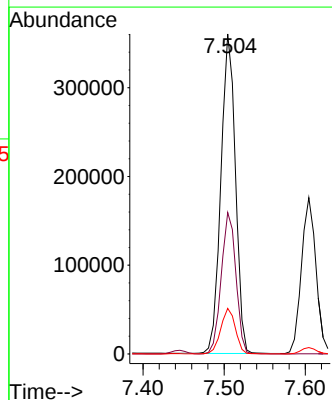
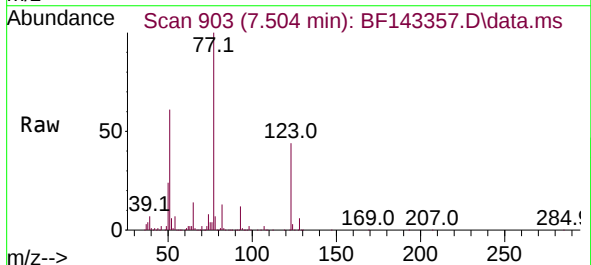
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

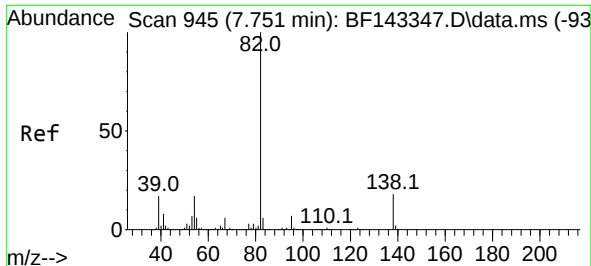
Tgt Ion: 82 Resp: 664096
Ion Ratio Lower Upper
82 100
128 42.4 33.5 50.3
54 58.6 46.7 70.1



#24
Nitrobenzene
Concen: 44.006 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion: 77 Resp: 450357
Ion Ratio Lower Upper
77 100
123 44.2 34.8 52.2
65 14.3 11.0 16.6

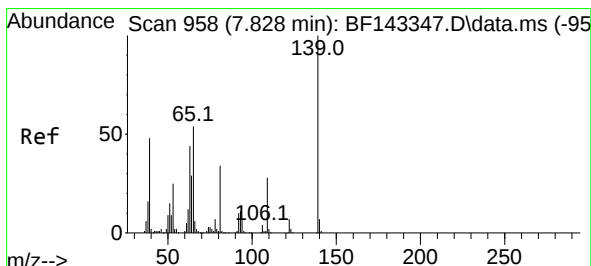
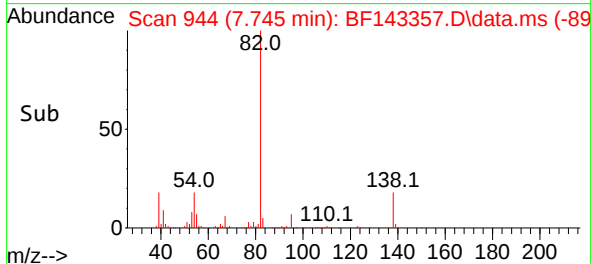
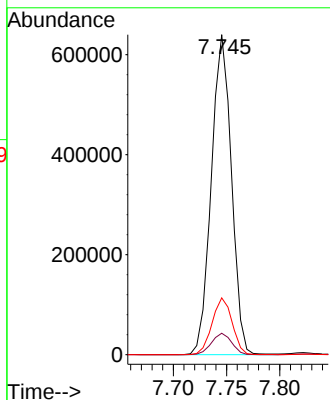
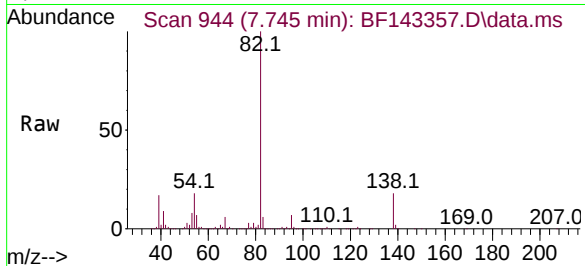




#25
Isophorone
Concen: 43.659 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

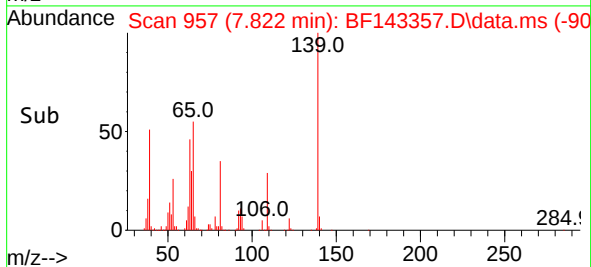
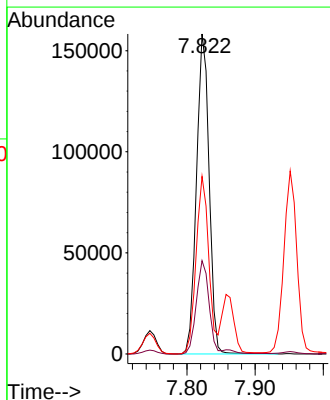
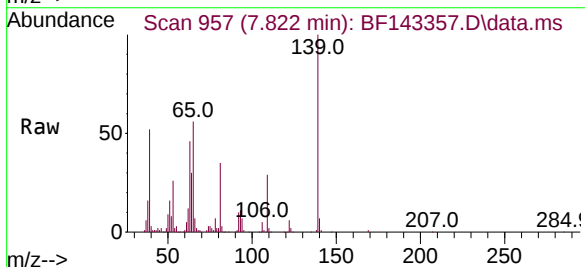
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

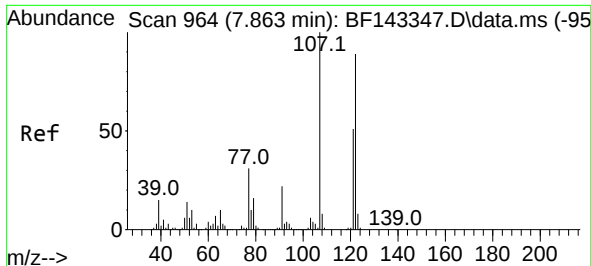
Tgt Ion: 82 Resp: 839858
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.8 14.6 21.8



#26
2-Nitrophenol
Concen: 49.386 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:139 Resp: 203007
Ion Ratio Lower Upper
139 100
109 29.2 22.4 33.6
65 55.5 42.9 64.3

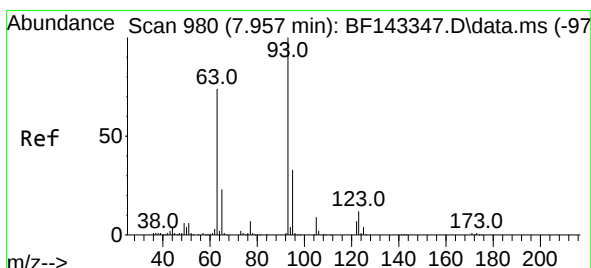
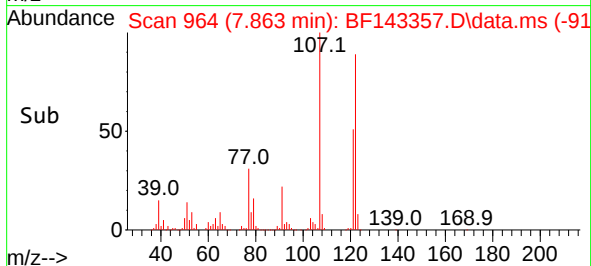
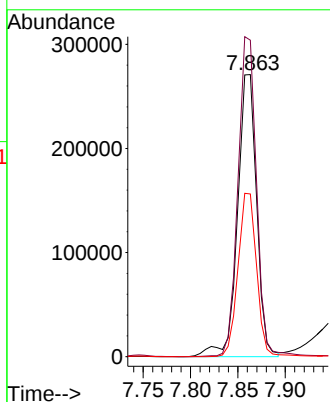
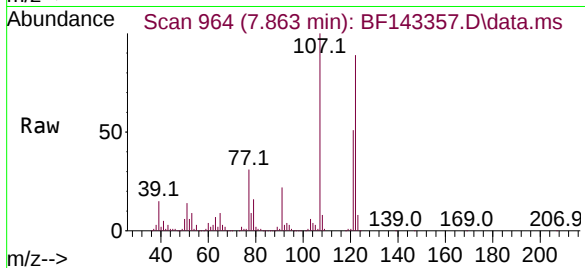




#27
2,4-Dimethylphenol
Concen: 47.278 ng
RT: 7.863 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

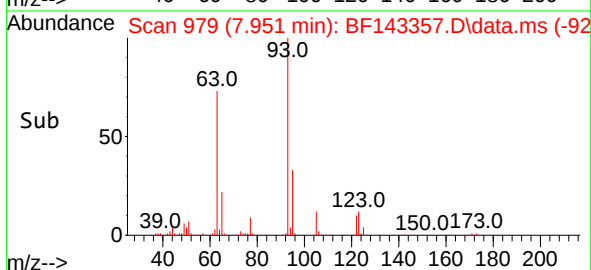
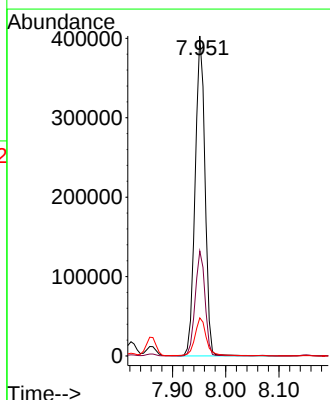
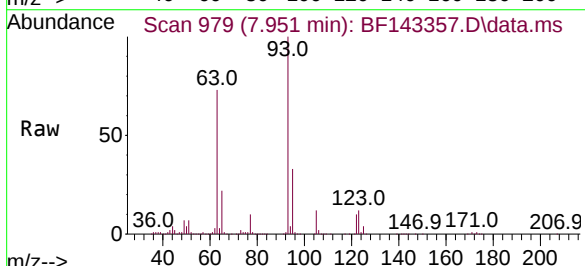
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

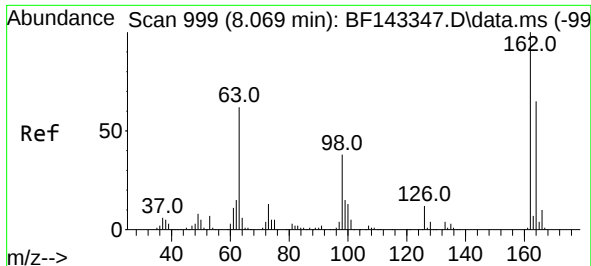
Tgt Ion:122 Resp: 379436
Ion Ratio Lower Upper
122 100
107 112.2 89.9 134.9
121 57.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.208 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion: 93 Resp: 519224
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 11.9 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 44.083 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143357.D

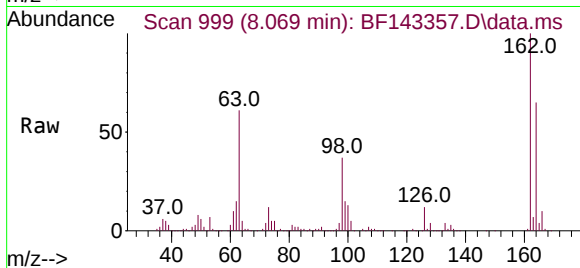
Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS



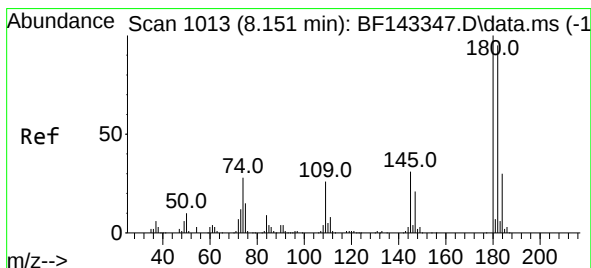
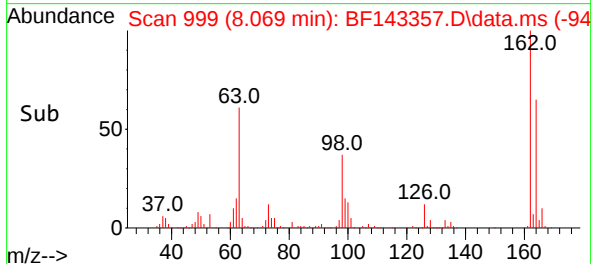
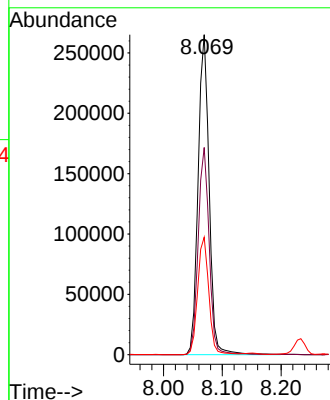
Tgt Ion:162 Resp: 345552

Ion Ratio Lower Upper

162 100

164 64.7 44.5 84.5

98 36.7 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 44.921 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

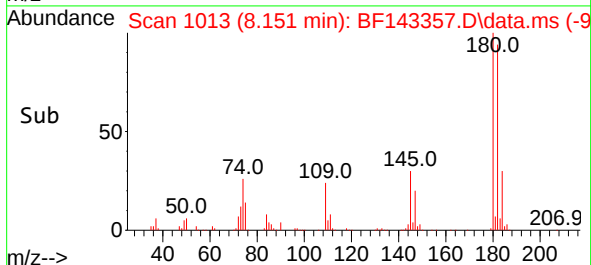
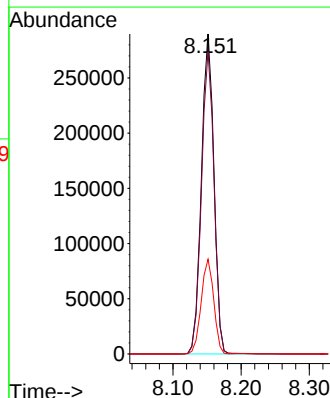
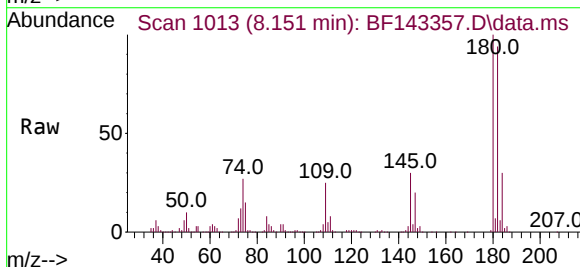
Tgt Ion:180 Resp: 371431

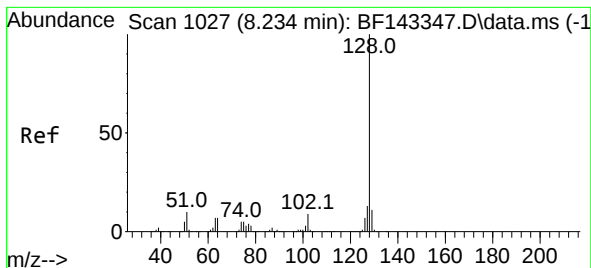
Ion Ratio Lower Upper

180 100

182 94.5 76.1 114.1

145 29.6 24.9 37.3





#31

Naphthalene

Concen: 41.588 ng

RT: 8.234 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

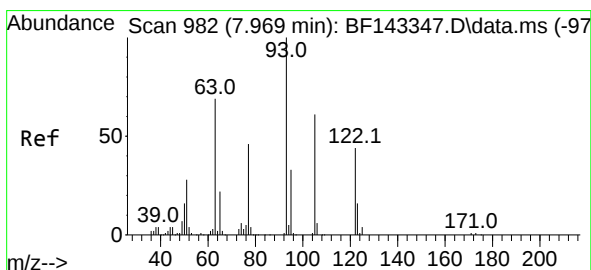
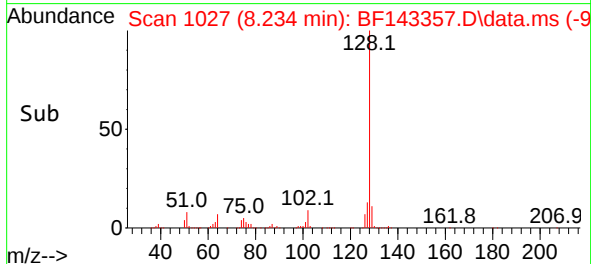
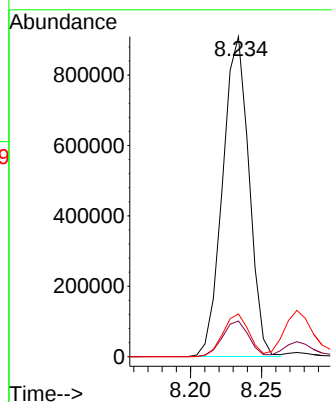
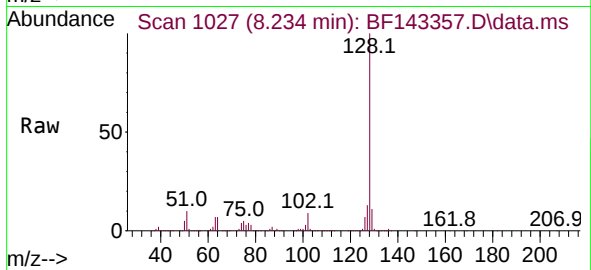
Tgt Ion:128 Resp: 1174328

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 50.149 ng

RT: 7.969 min Scan# 982

Delta R.T. -0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

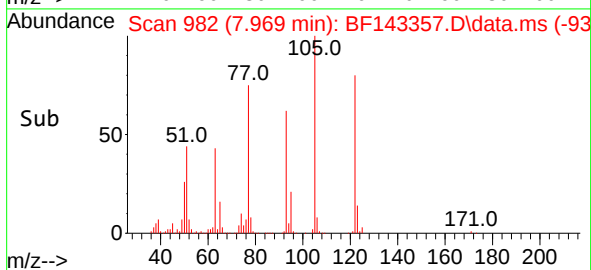
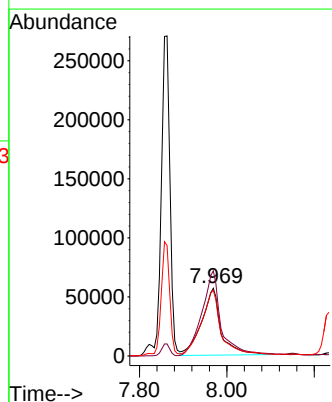
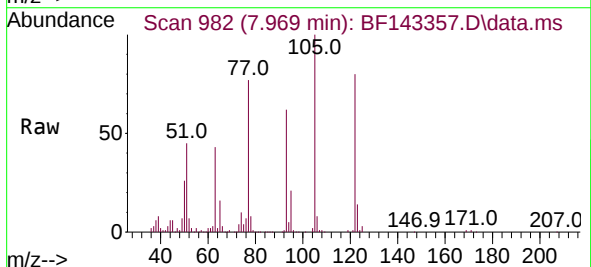
Tgt Ion:122 Resp: 177442

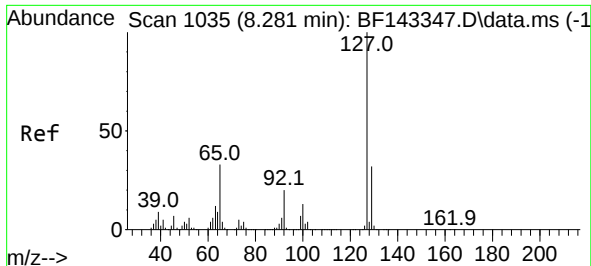
Ion Ratio Lower Upper

122 100

105 125.7 106.4 146.4

77 97.2 79.2 119.2

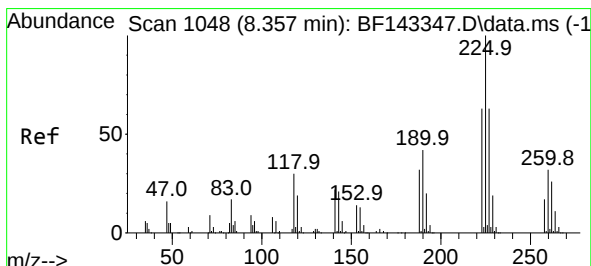
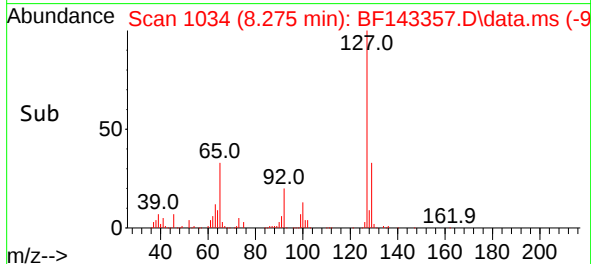
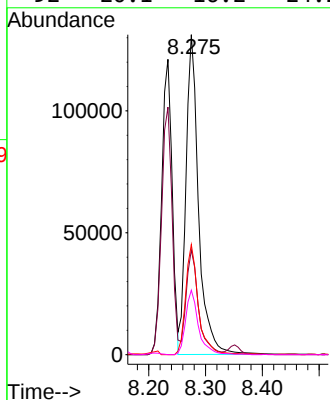
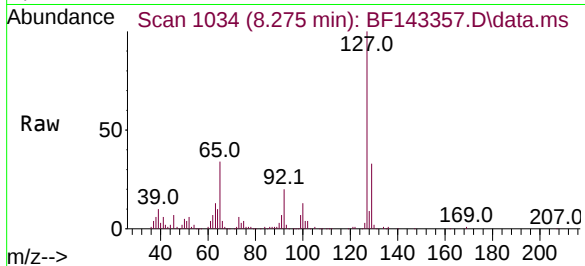




#33
4-Chloroaniline
Concen: 19.886 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

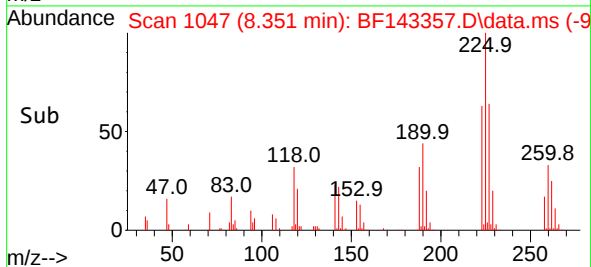
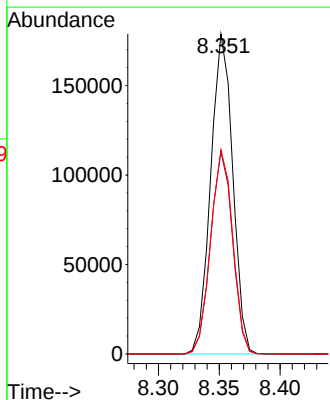
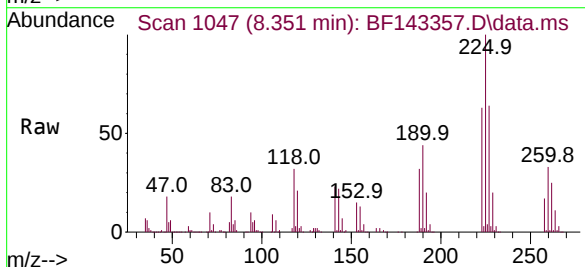
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

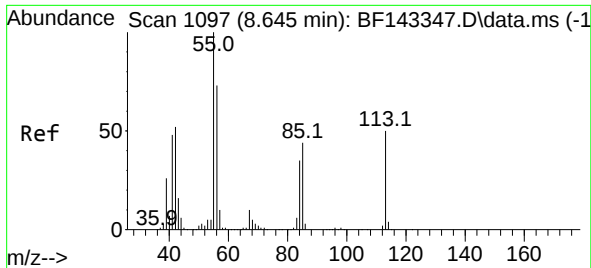
Tgt Ion:	127	Resp:	202527
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	34.4	27.0	40.4
92	20.1	16.2	24.2



#34
Hexachlorobutadiene
Concen: 43.713 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:	225	Resp:	224841
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.1	75.1
227	63.9	50.6	75.8

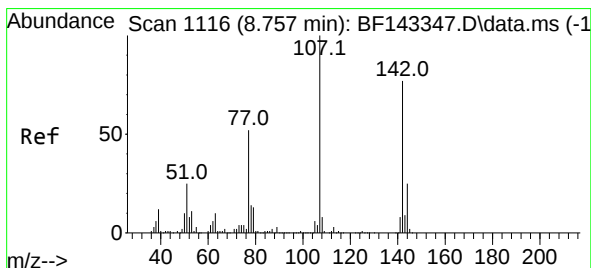
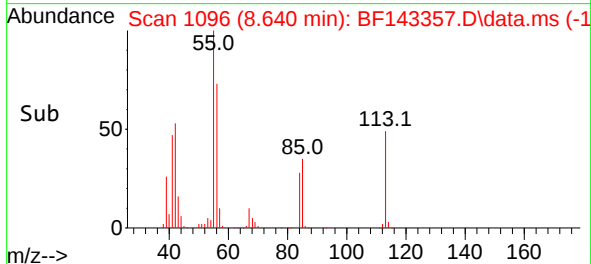
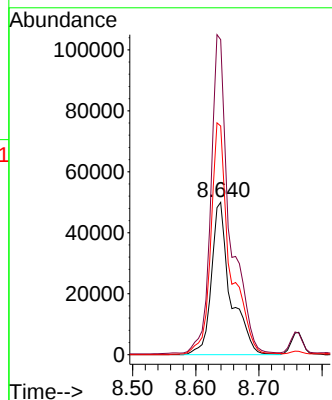
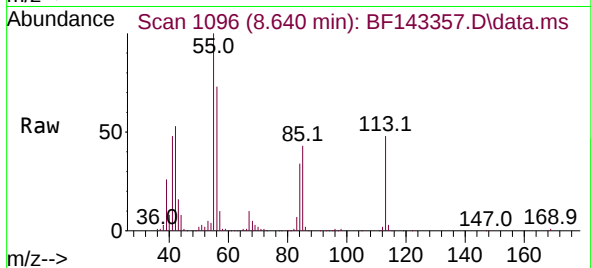




#35
 Caprolactam
 Concen: 47.840 ng
 RT: 8.640 min Scan# 1097
 Delta R.T. -0.006 min
 Lab File: BF143357.D
 Acq: 12 Aug 2025 17:02

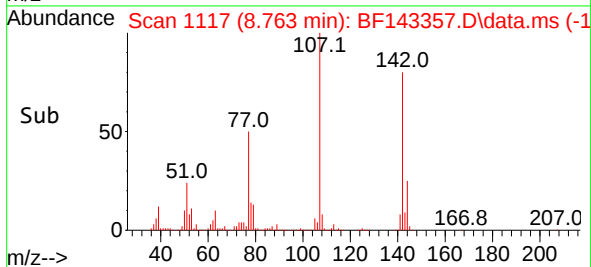
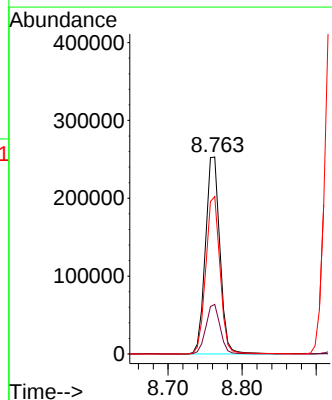
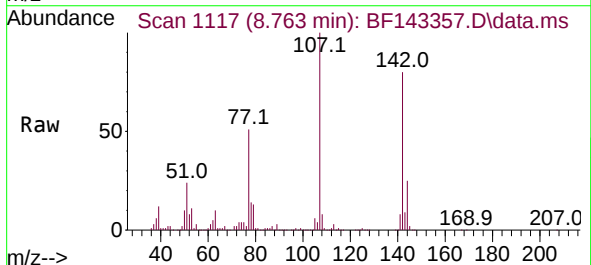
Instrument :
 BNA_F
 ClientSampleId :
 COMP-6MS

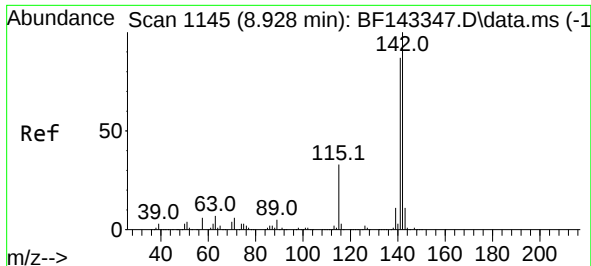
Tgt Ion:113 Resp: 105422
 Ion Ratio Lower Upper
 113 100
 55 206.8 181.4 221.4
 56 150.0 127.3 167.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.977 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF143357.D
 Acq: 12 Aug 2025 17:02

Tgt Ion:107 Resp: 344956
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.0 30.0
 142 79.9 61.3 91.9

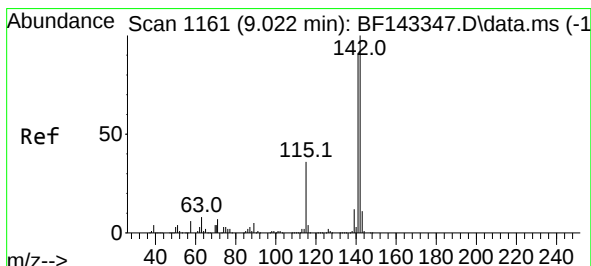
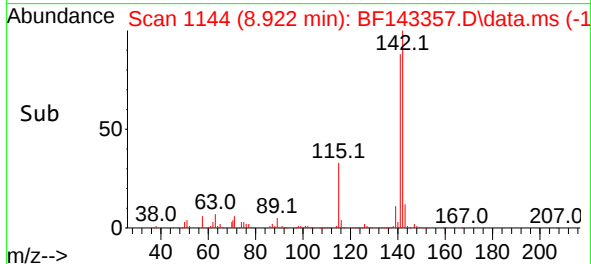
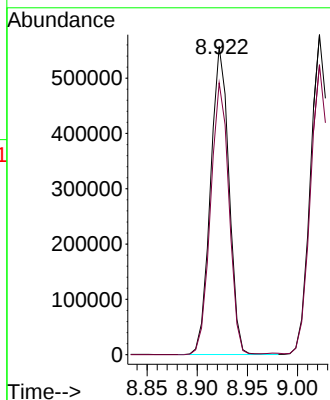
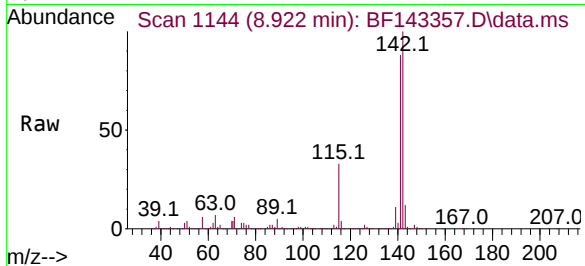




#37
2-Methylnaphthalene
Concen: 38.278 ng
RT: 8.922 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

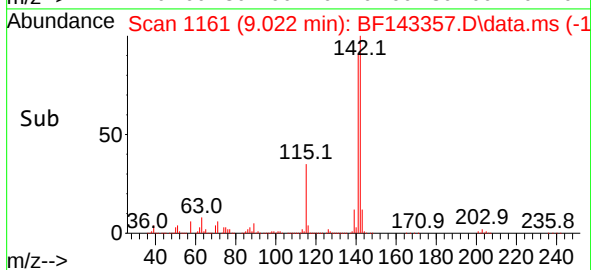
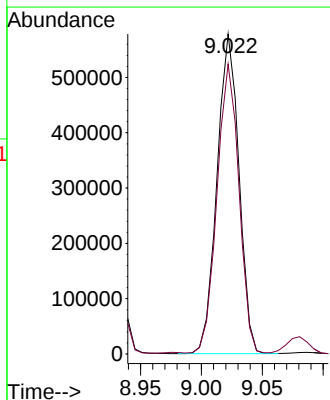
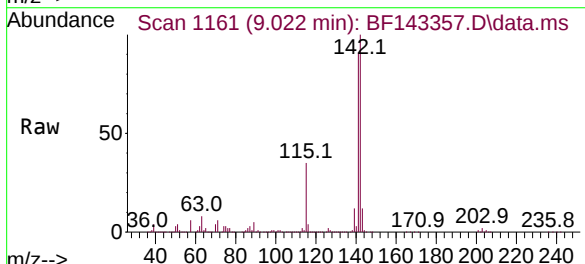
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

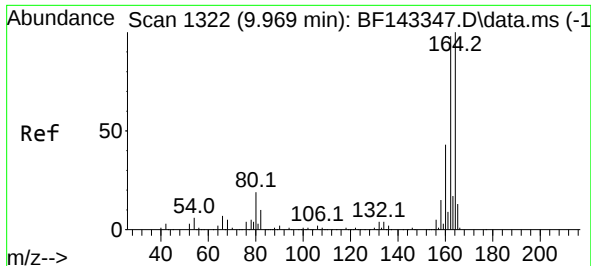
Tgt Ion:142 Resp: 710577
Ion Ratio Lower Upper
142 100
141 88.2 69.8 104.8



#38
1-Methylnaphthalene
Concen: 40.608 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:142 Resp: 726026
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.4

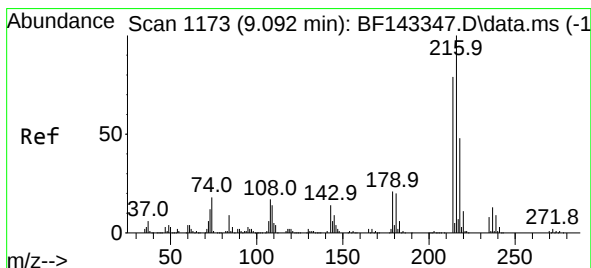
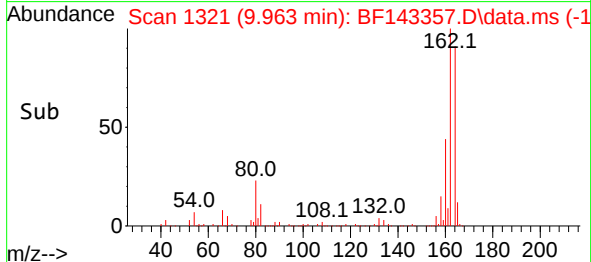
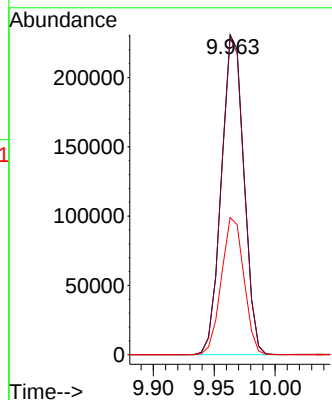
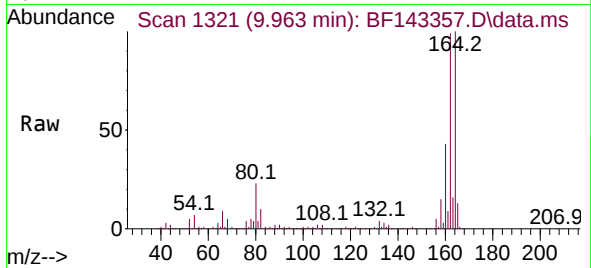




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

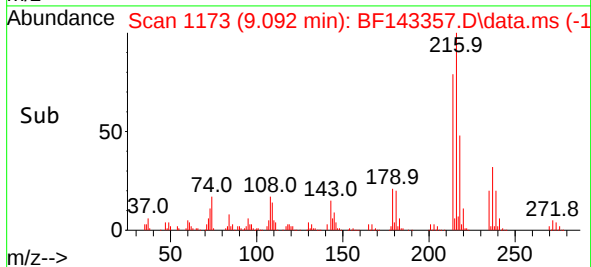
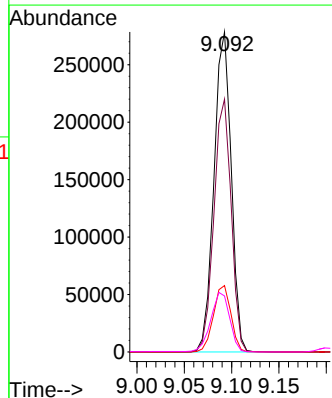
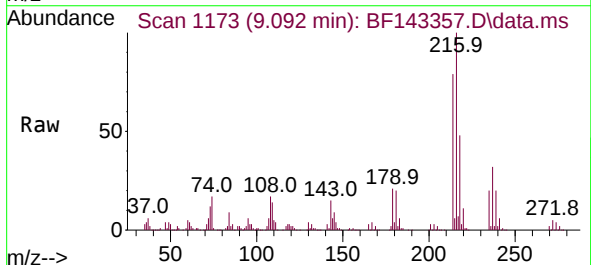
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

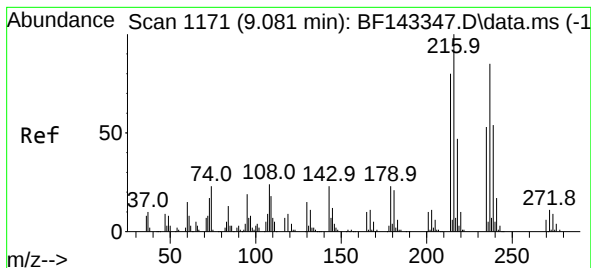
Tgt Ion:164 Resp: 297224
Ion Ratio Lower Upper
164 100
162 99.1 78.6 118.0
160 42.9 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.243 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:216 Resp: 351713
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.4
179 21.1 17.0 25.4
108 20.5 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 112.352 ng

RT: 9.081 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

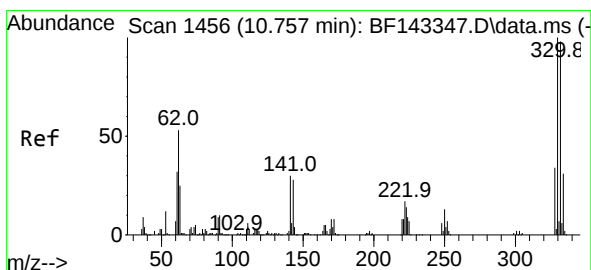
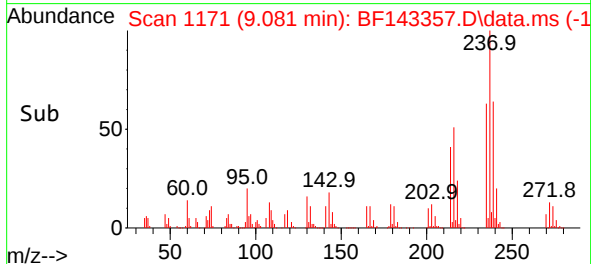
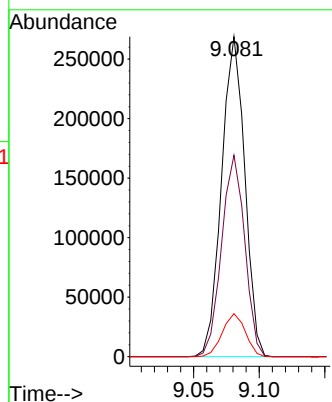
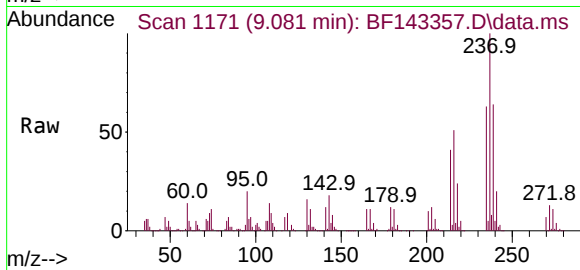
Tgt Ion:237 Resp: 330717

Ion Ratio Lower Upper

237 100

235 63.0 42.0 82.0

272 13.4 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 114.015 ng

RT: 10.757 min Scan# 1456

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

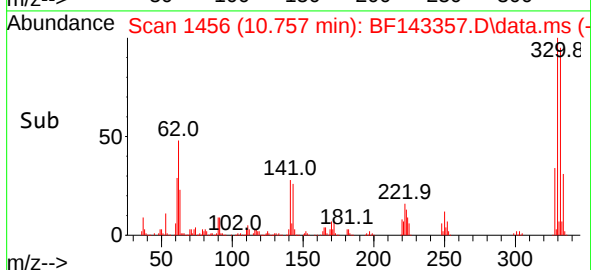
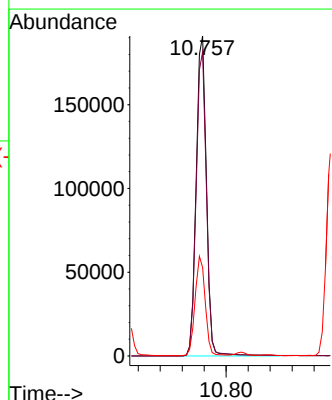
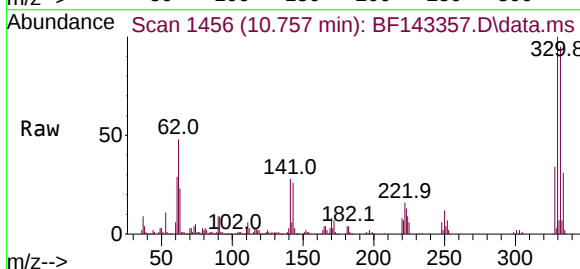
Tgt Ion:330 Resp: 247661

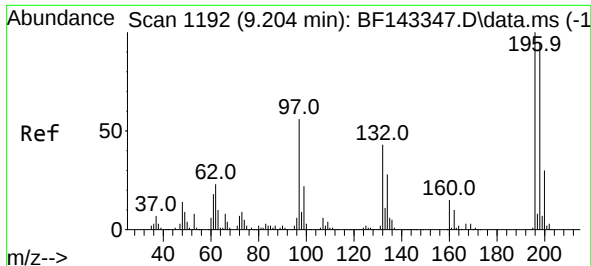
Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

141 30.7 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 49.384 ng

RT: 9.198 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

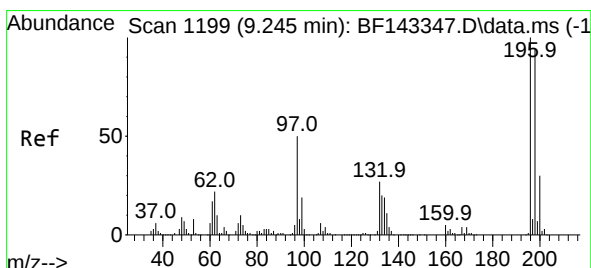
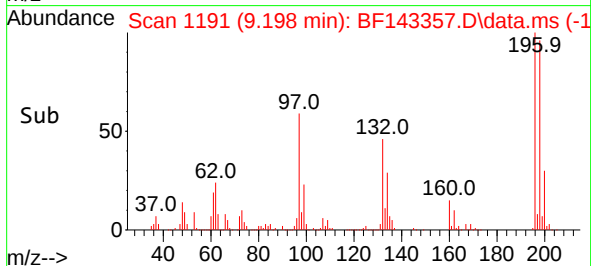
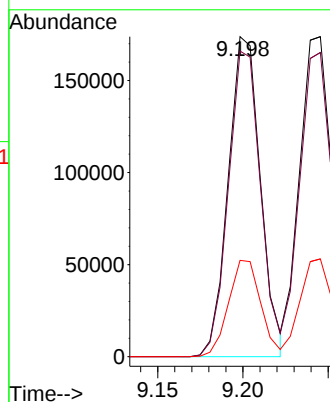
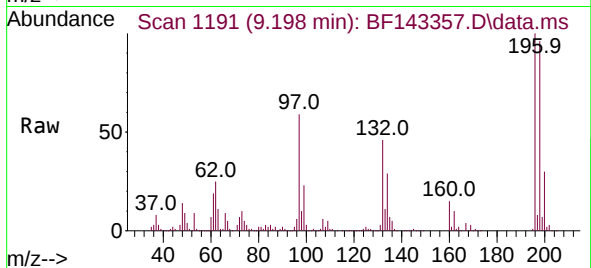
Tgt Ion:196 Resp: 227894

Ion Ratio Lower Upper

196 100

198 95.5 75.4 113.0

200 30.1 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 45.413 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Tgt Ion:196 Resp: 236660

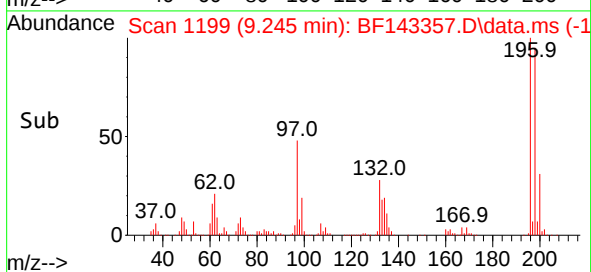
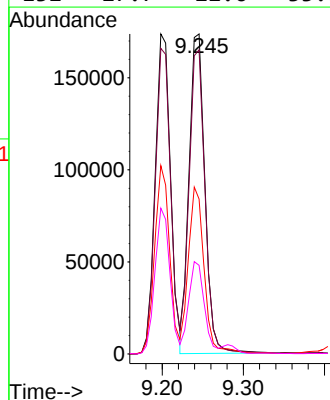
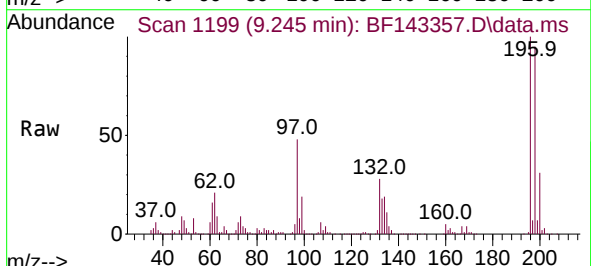
Ion Ratio Lower Upper

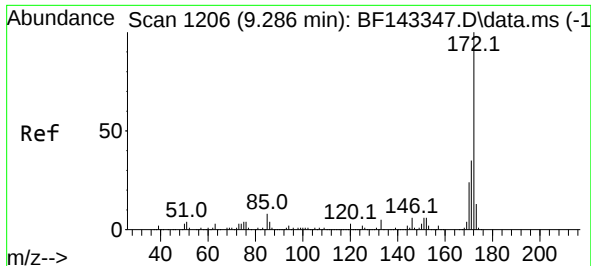
196 100

198 95.1 75.4 113.2

97 48.4 39.9 59.9

132 27.7 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 65.853 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

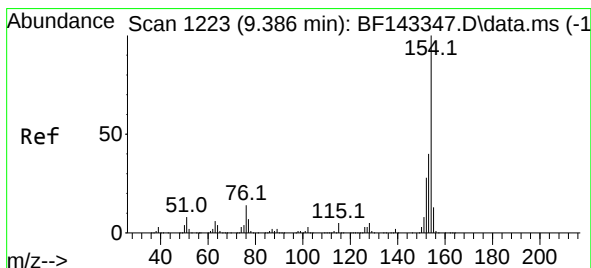
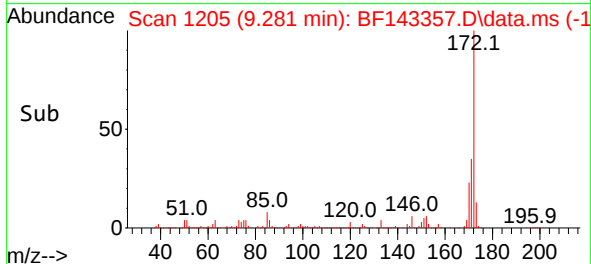
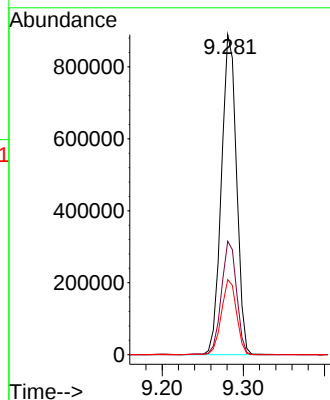
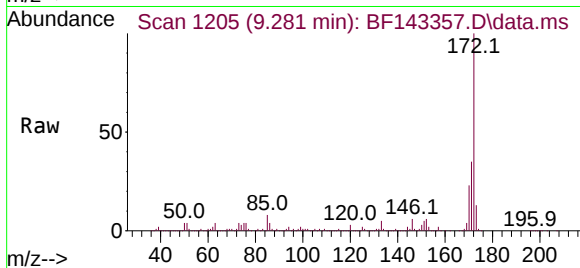
Tgt Ion:172 Resp: 1154235

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 44.432 ng

RT: 9.387 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

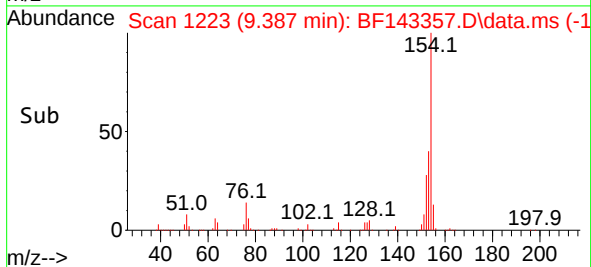
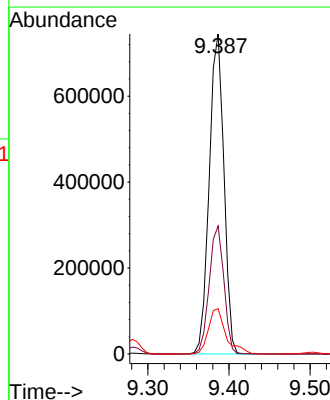
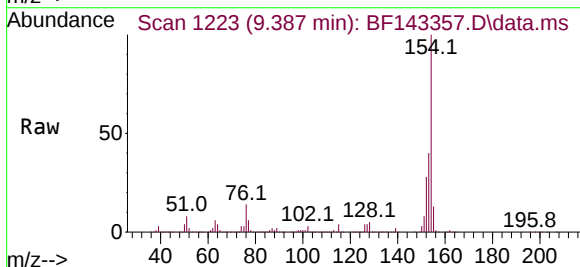
Tgt Ion:154 Resp: 933758

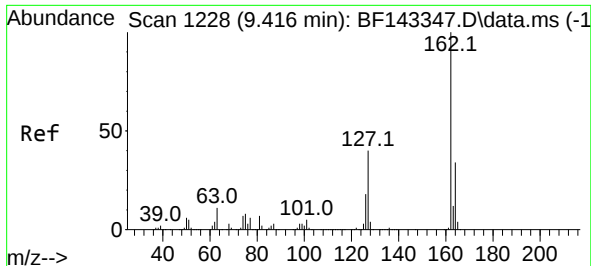
Ion Ratio Lower Upper

154 100

153 40.0 20.2 60.2

76 14.2 0.0 34.4





#47

2-Chloronaphthalene

Concen: 43.148 ng

RT: 9.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

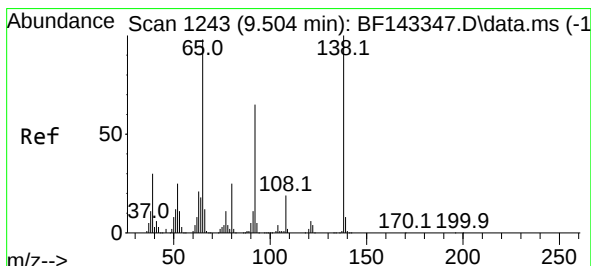
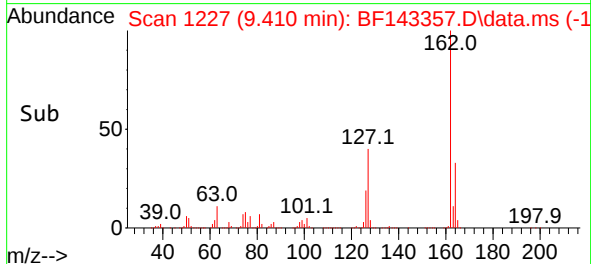
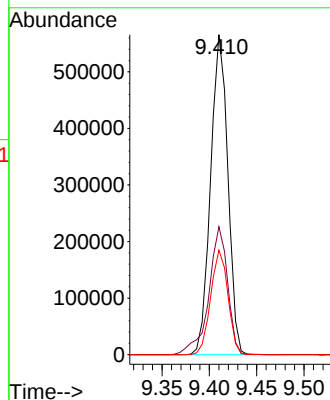
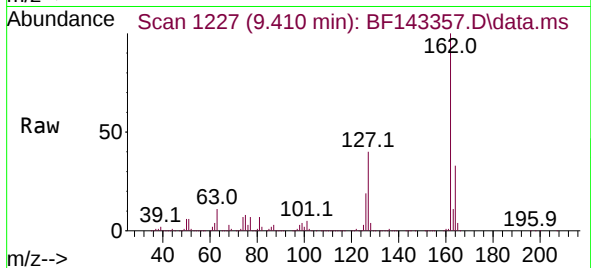
Tgt Ion:162 Resp: 714158

Ion Ratio Lower Upper

162 100

127 40.0 32.1 48.1

164 32.7 27.0 40.4



#48

2-Nitroaniline

Concen: 46.525 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

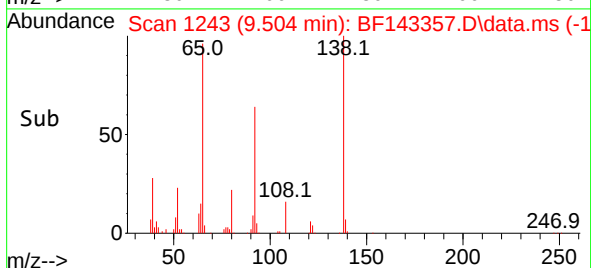
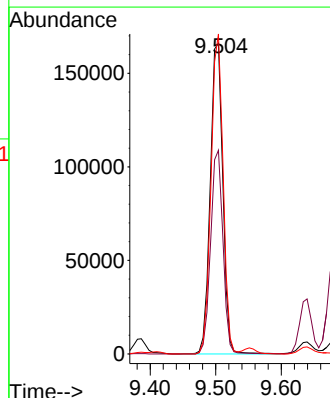
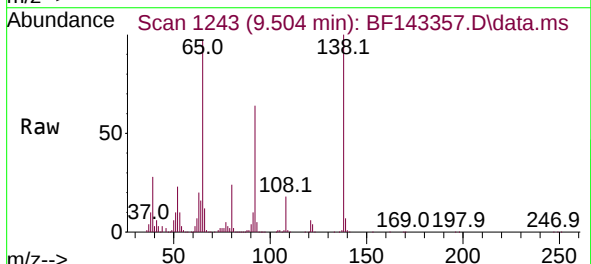
Tgt Ion: 65 Resp: 221660

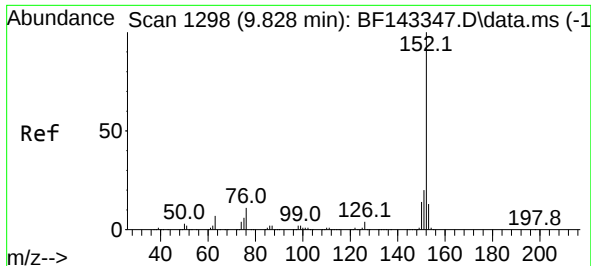
Ion Ratio Lower Upper

65 100

92 65.6 53.1 79.7

138 103.0 81.4 122.0

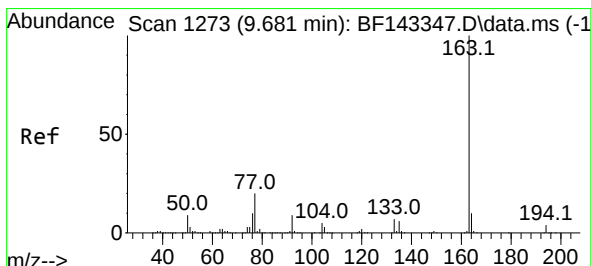
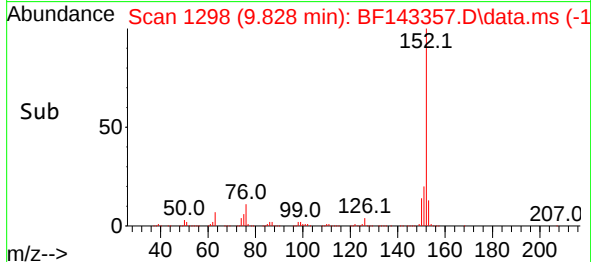
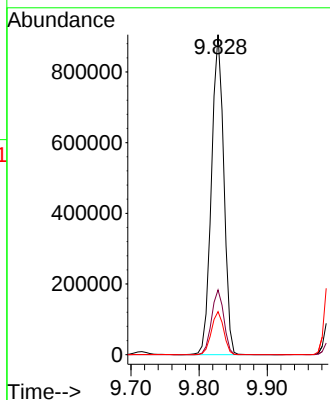
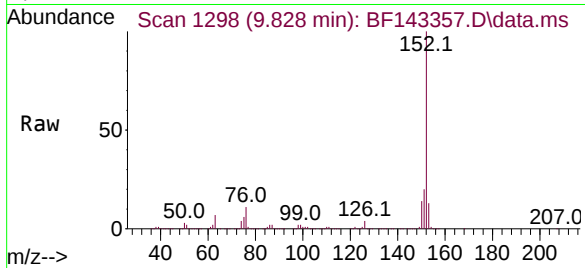




#49
Acenaphthylene
Concen: 47.797 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

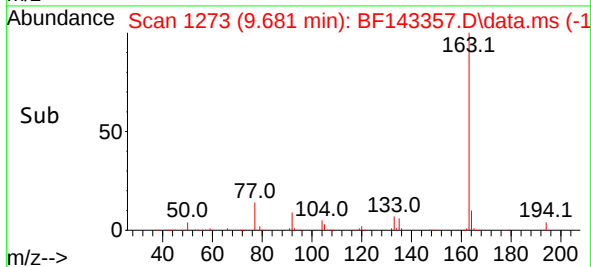
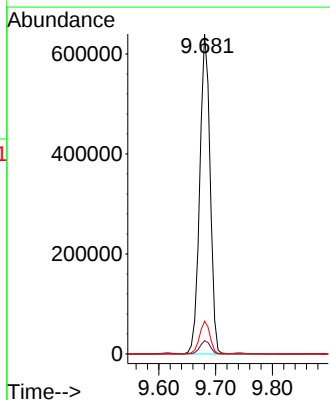
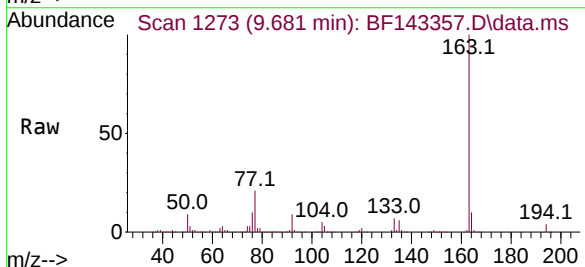
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

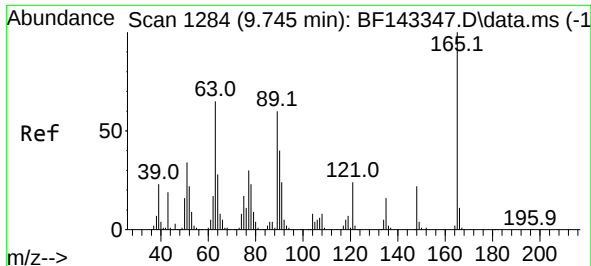
Tgt Ion:152 Resp: 1142446
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 46.743 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:163 Resp: 811792
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 50.888 ng

RT: 9.739 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

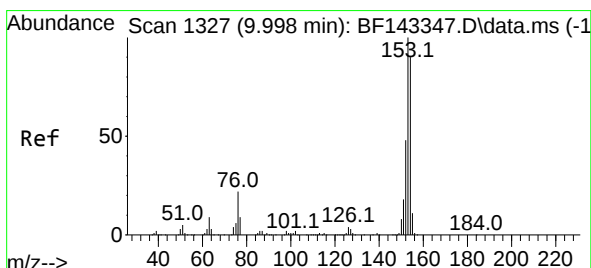
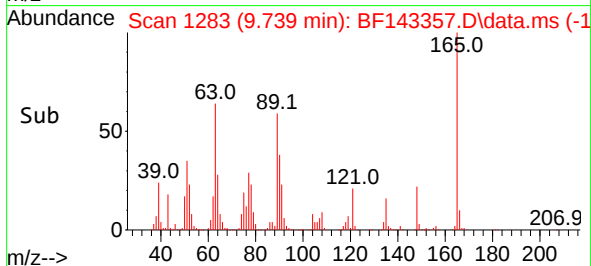
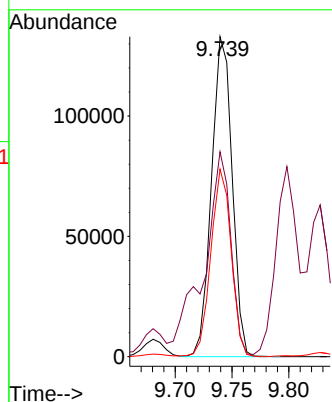
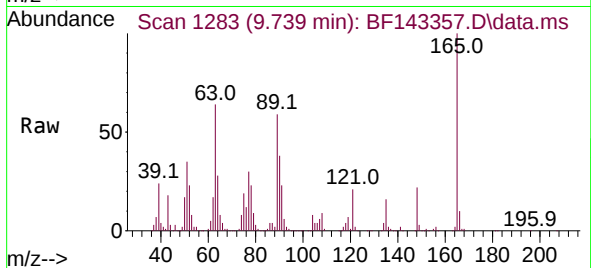
Tgt Ion:165 Resp: 167865

Ion Ratio Lower Upper

165 100

63 64.1 51.6 77.4

89 58.6 47.7 71.5



#52

Acenaphthene

Concen: 45.268 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

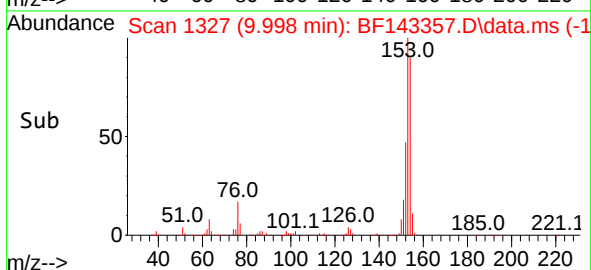
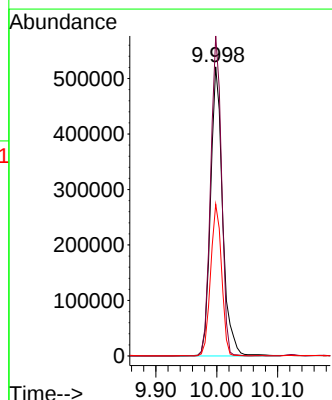
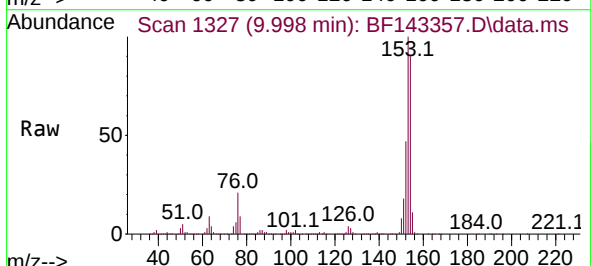
Tgt Ion:154 Resp: 719315

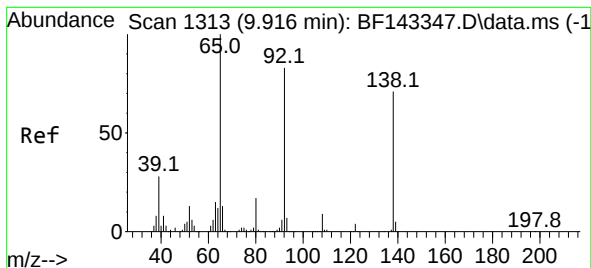
Ion Ratio Lower Upper

154 100

153 110.7 88.5 132.7

152 52.4 42.4 63.6





#53

3-Nitroaniline

Concen: 33.042 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

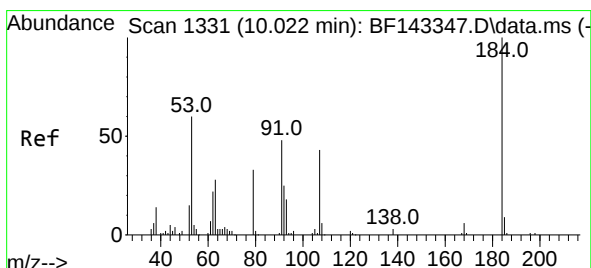
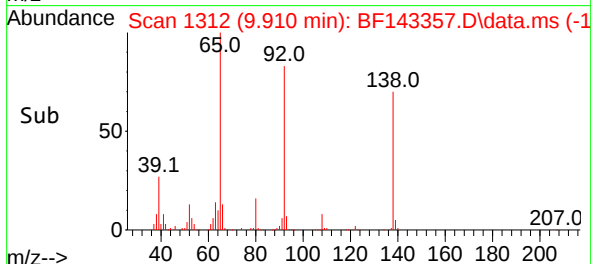
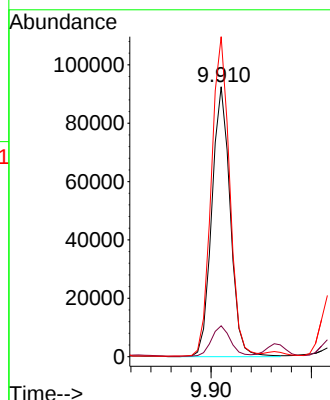
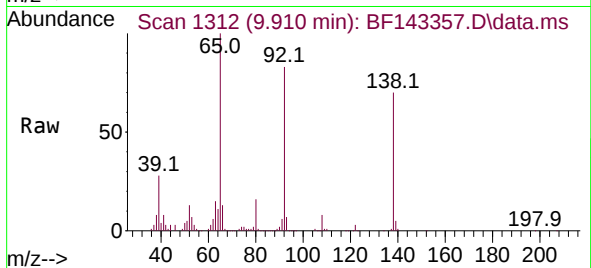
Tgt Ion:138 Resp: 117520

Ion Ratio Lower Upper

138 100

108 11.4 9.6 14.4

92 118.5 93.4 140.2



#54

2,4-Dinitrophenol

Concen: 79.443 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

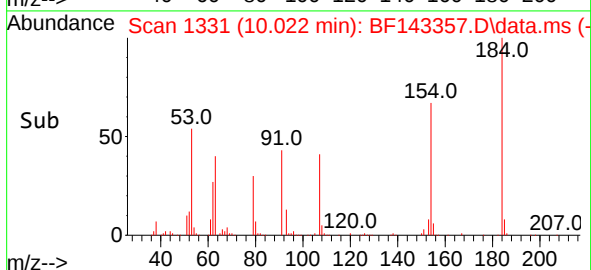
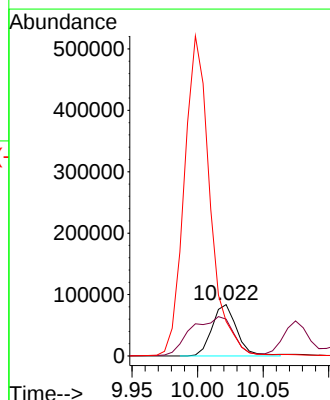
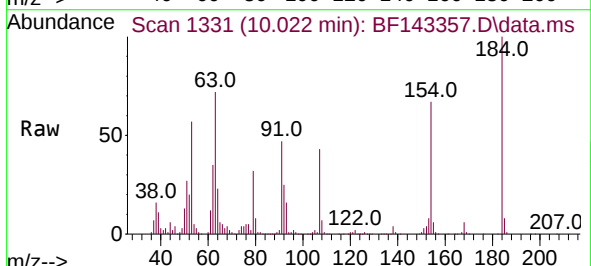
Tgt Ion:184 Resp: 110126

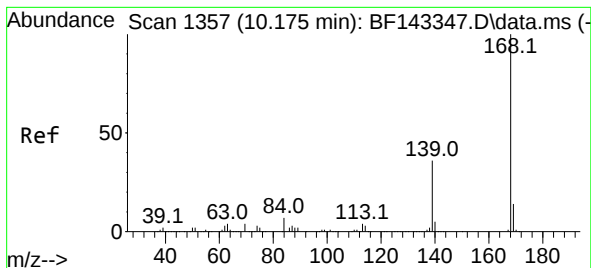
Ion Ratio Lower Upper

184 100

63 71.6 62.5 93.7

154 67.3 73.0 109.4#





#55

Dibenzofuran

Concen: 42.831 ng

RT: 10.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

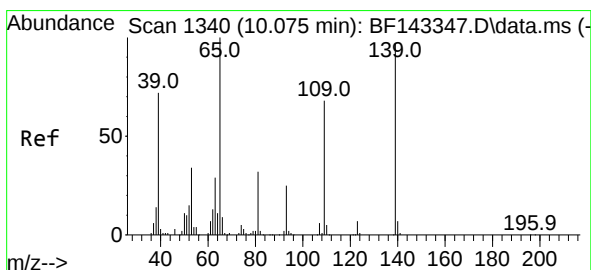
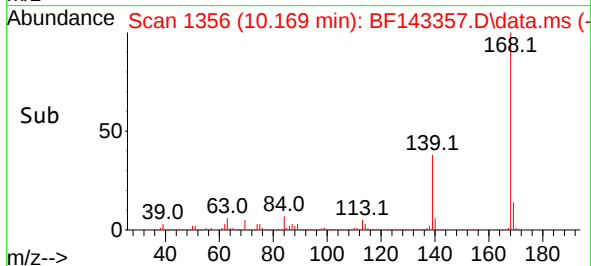
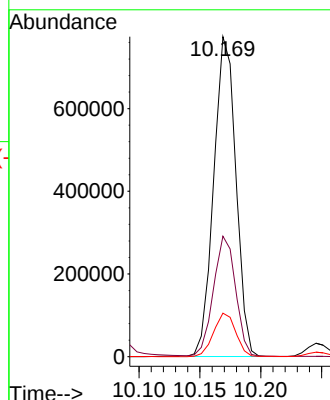
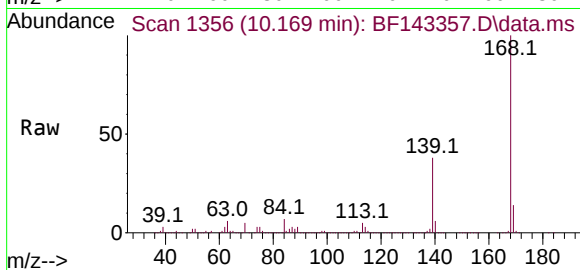
Tgt Ion:168 Resp: 979535

Ion Ratio Lower Upper

168 100

139 37.6 29.4 44.0

169 13.6 11.0 16.6



#56

4-Nitrophenol

Concen: 84.124 ng

RT: 10.075 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

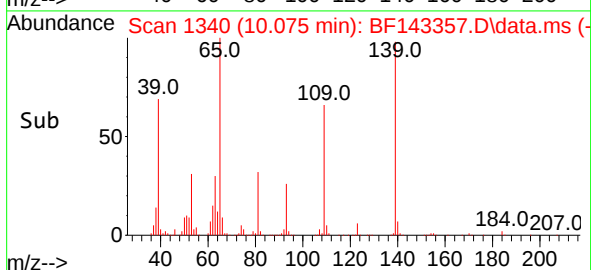
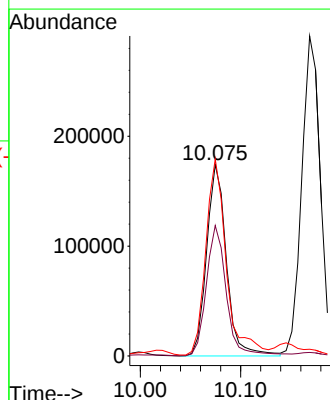
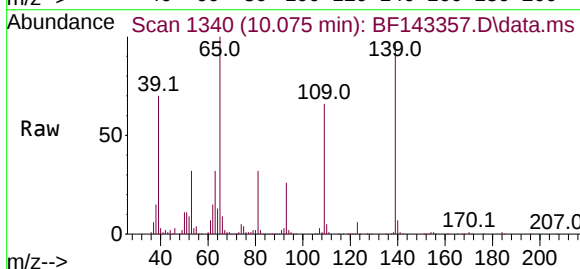
Tgt Ion:139 Resp: 239983

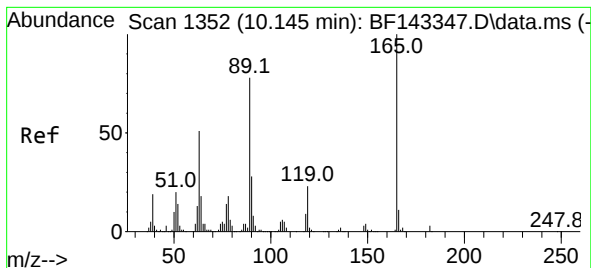
Ion Ratio Lower Upper

139 100

109 68.1 49.4 89.4

65 102.9 83.7 123.7

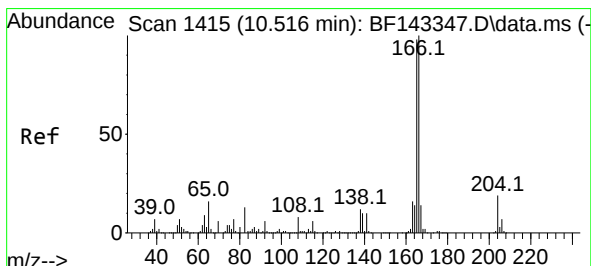
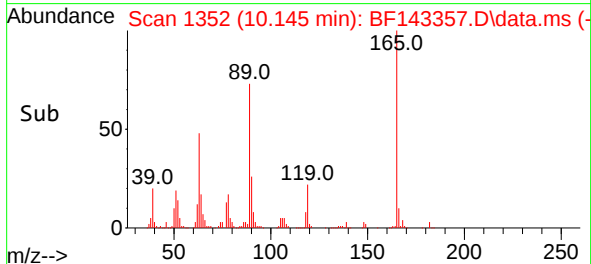
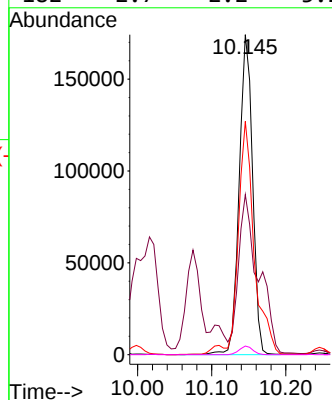
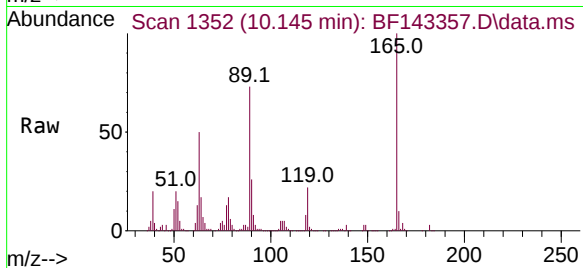




#57
2,4-Dinitrotoluene
Concen: 49.971 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

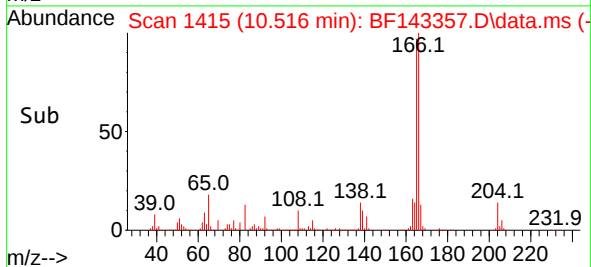
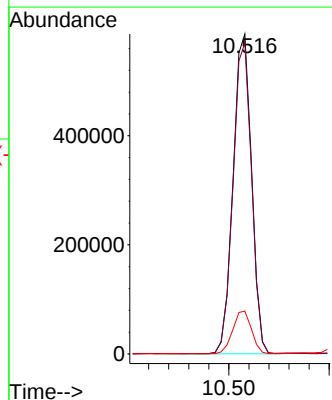
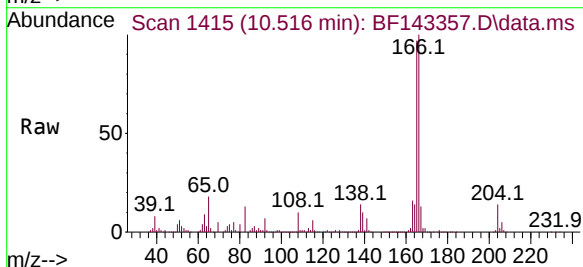
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

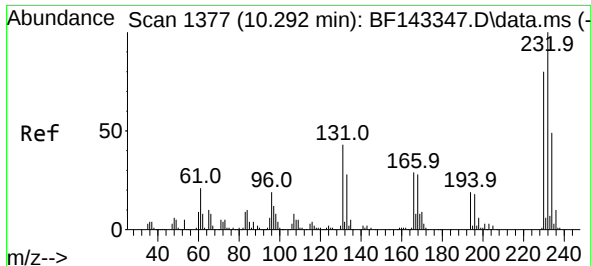
Tgt Ion:165 Resp: 218502
Ion Ratio Lower Upper
165 100
63 50.0 41.8 62.8
89 72.9 62.4 93.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.879 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

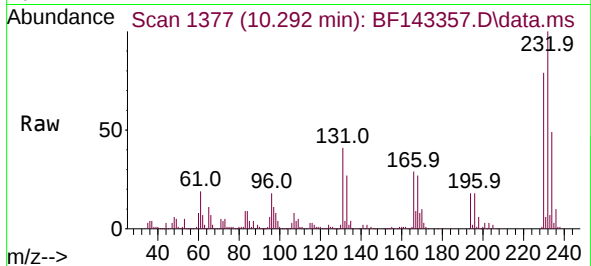
Tgt Ion:166 Resp: 749019
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.4
167 13.4 10.9 16.3



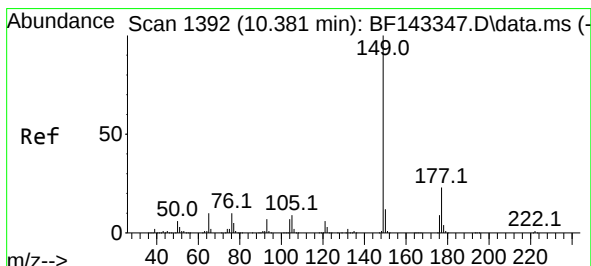
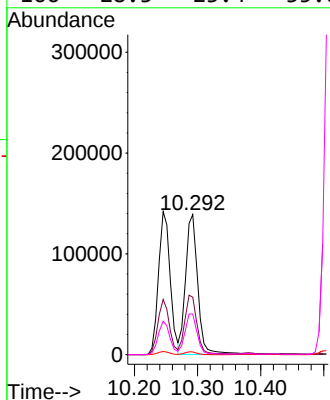
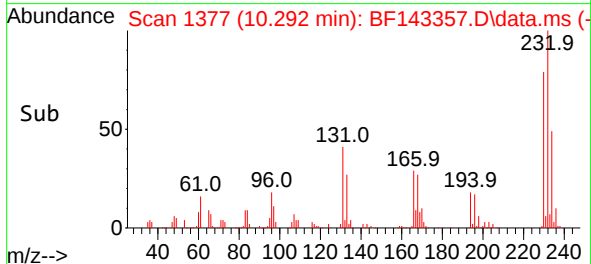


#59
2,3,4,6-Tetrachlorophenol
Concen: 53.141 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

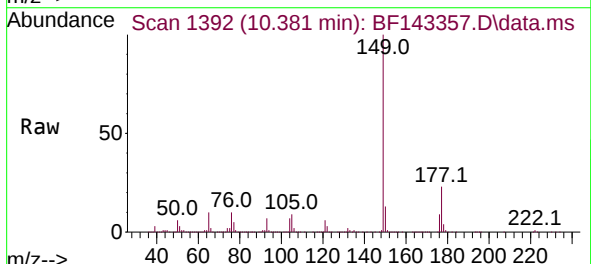
Instrument :
BNA_F
ClientSampleId :
COMP-6MS



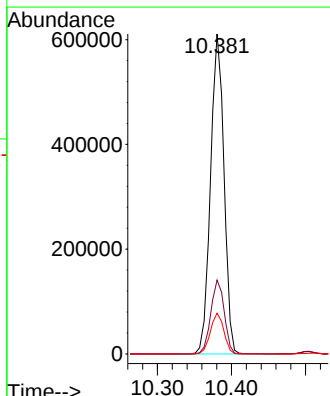
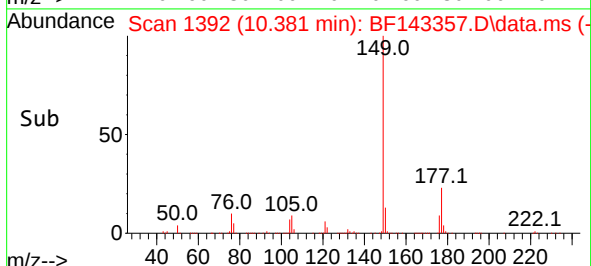
Tgt Ion:232 Resp: 186678
Ion Ratio Lower Upper
232 100
131 42.8 34.6 51.8
130 2.1 1.7 2.5
166 28.3 23.4 35.0

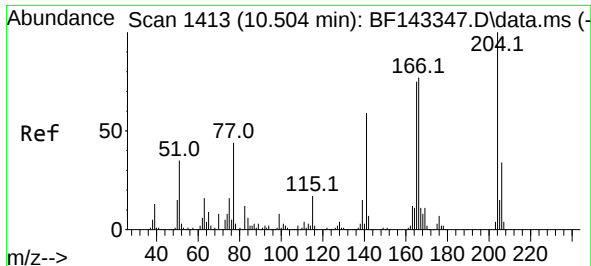


#60
Diethylphthalate
Concen: 49.510 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02



Tgt Ion:149 Resp: 770188
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.7 9.9 14.9

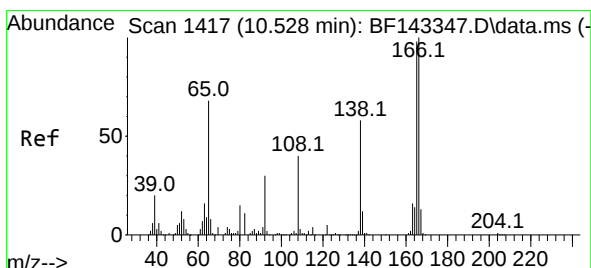
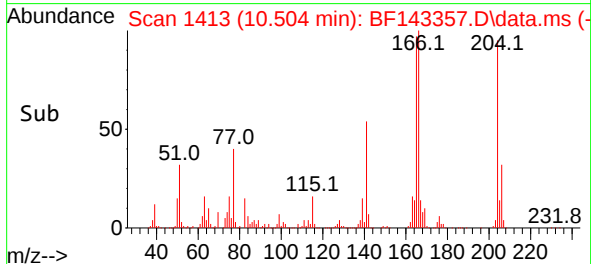
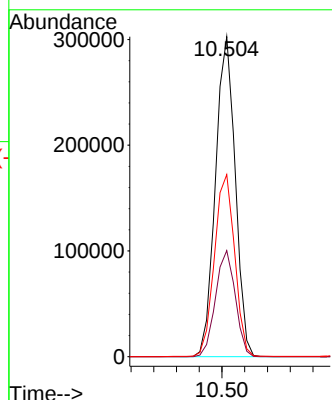
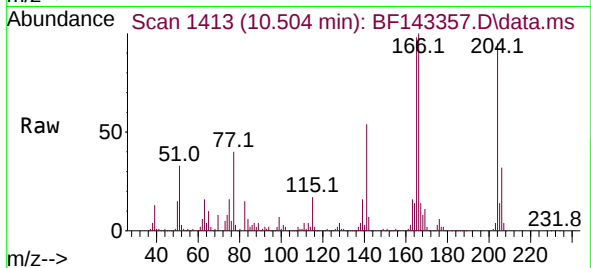




#61
4-Chlorophenyl-phenylether
Concen: 43.314 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

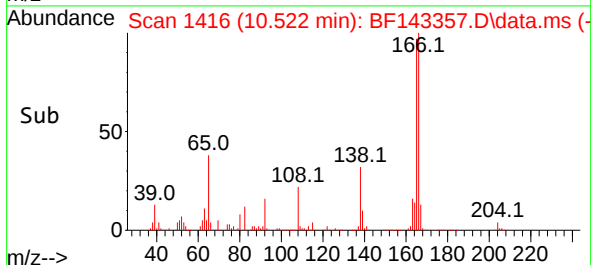
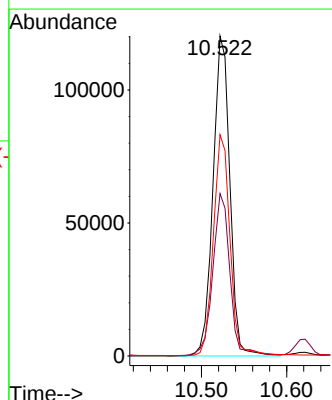
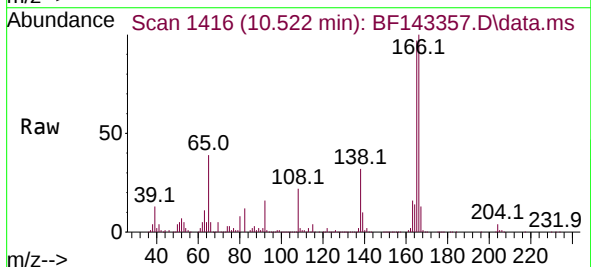
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

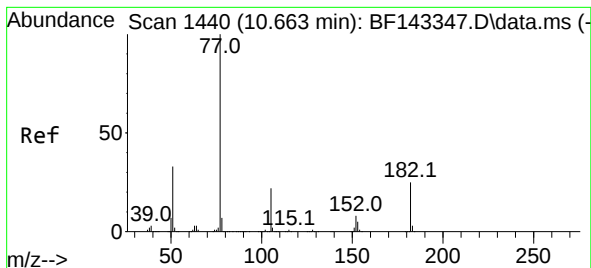
Tgt Ion:204 Resp: 365590
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.2
141 56.9 46.9 70.3



#62
4-Nitroaniline
Concen: 48.034 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:138 Resp: 165289
Ion Ratio Lower Upper
138 100
92 50.8 31.2 71.2
108 69.2 48.1 88.1





#63

Azobenzene

Concen: 48.662 ng

RT: 10.663 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

Tgt Ion: 77 Resp: 864662

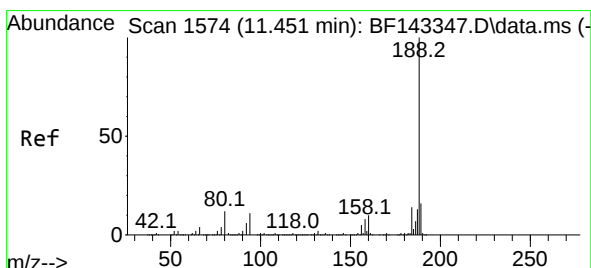
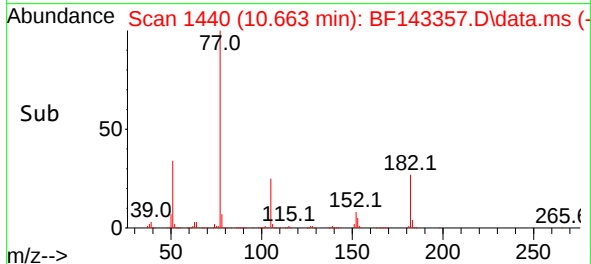
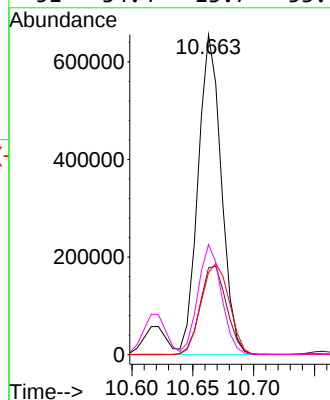
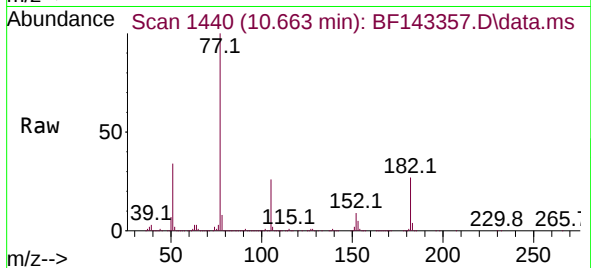
Ion Ratio Lower Upper

77 100

182 27.1 4.4 44.4

105 25.7 1.8 41.8

51 34.4 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: BF143357.D

Acq: 12 Aug 2025 17:02

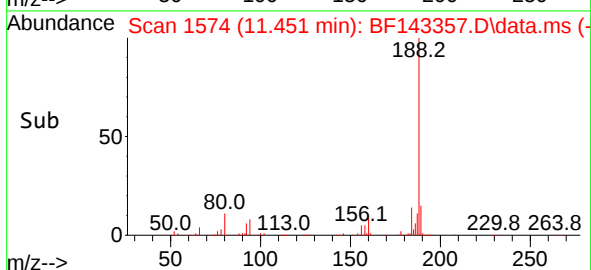
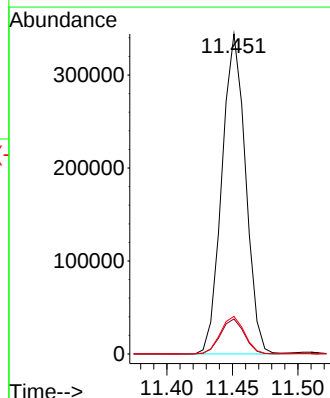
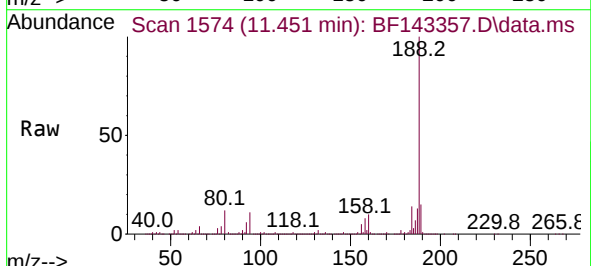
Tgt Ion: 188 Resp: 432448

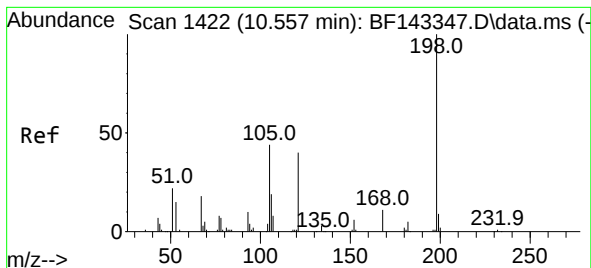
Ion Ratio Lower Upper

188 100

94 11.0 8.8 13.2

80 11.8 9.7 14.5

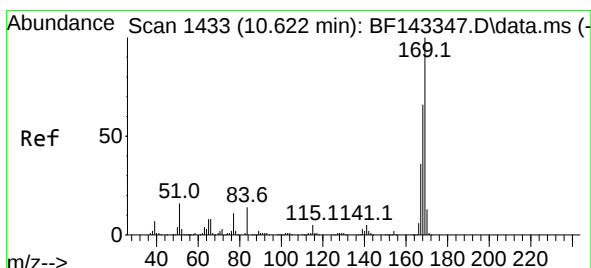
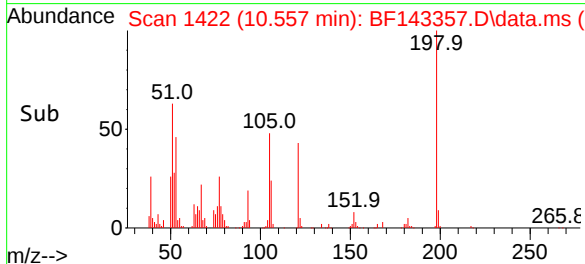
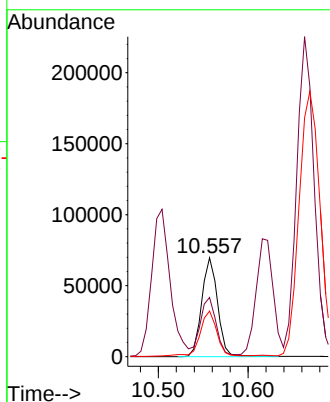
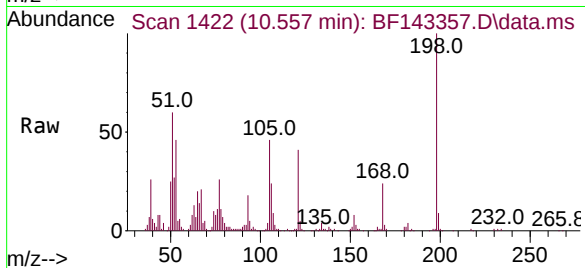




#65
4,6-Dinitro-2-methylphenol
Concen: 48.966 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

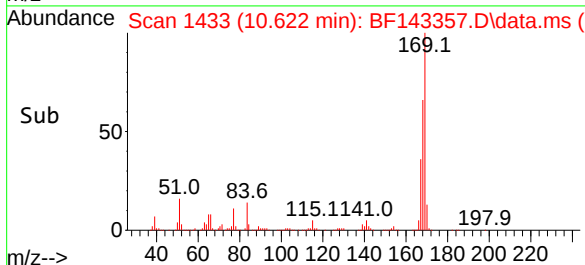
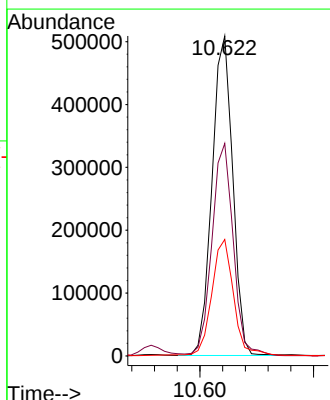
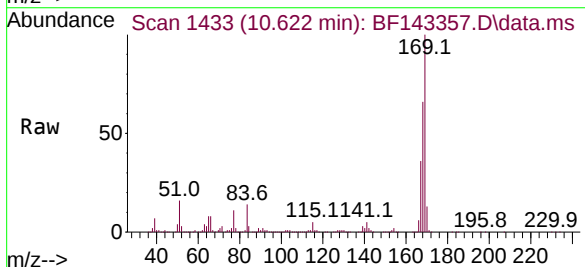
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

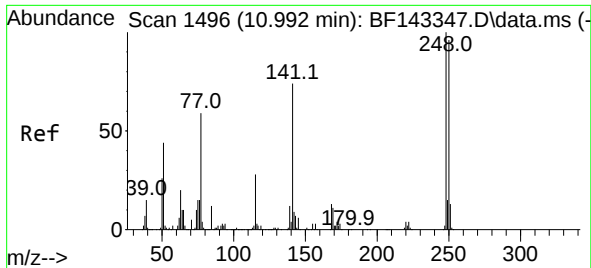
Tgt Ion:198 Resp: 85973
Ion Ratio Lower Upper
198 100
51 59.8 41.7 81.7
105 46.1 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 45.097 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:169 Resp: 642160
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 36.4 28.6 42.8

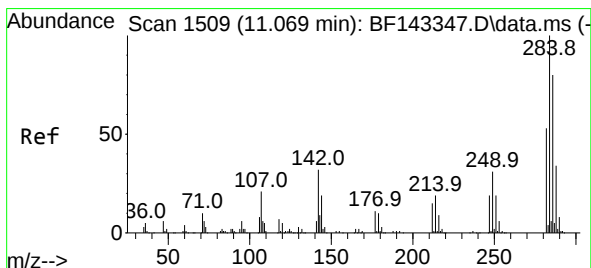
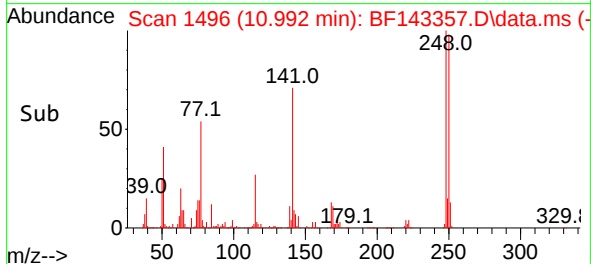
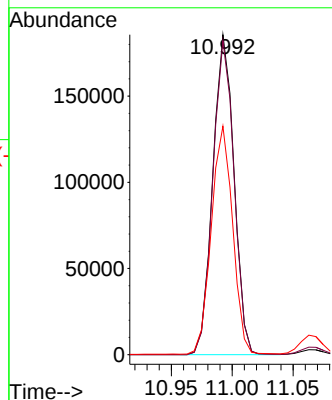
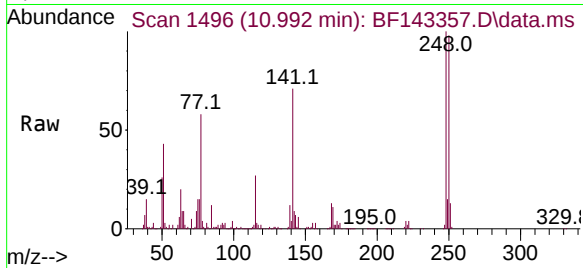




#67
4-Bromophenyl-phenylether
Concen: 45.630 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

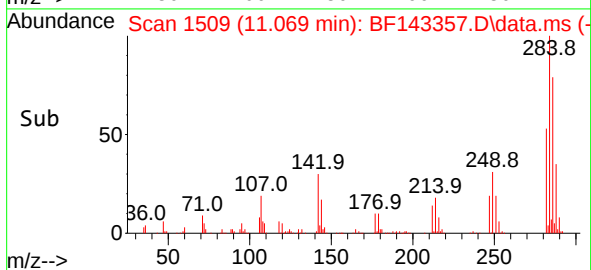
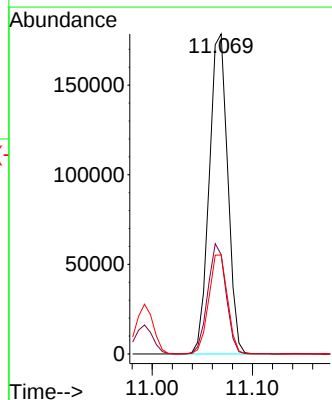
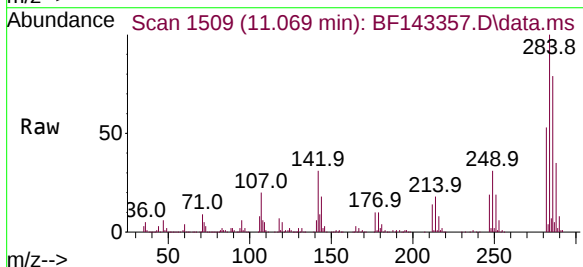
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

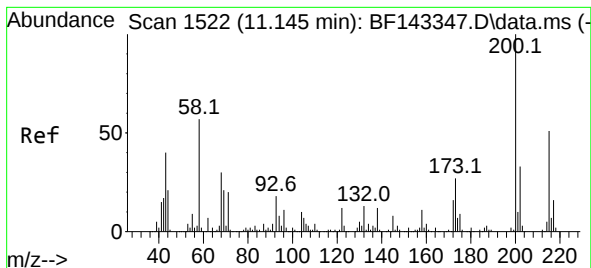
Tgt Ion:248 Resp: 225678
Ion Ratio Lower Upper
248 100
250 98.1 77.1 115.7
141 71.4 59.1 88.7



#68
Hexachlorobenzene
Concen: 42.940 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:284 Resp: 228918
Ion Ratio Lower Upper
284 100
142 31.1 25.7 38.5
249 31.0 24.6 37.0





#69

Atrazine

Concen: 54.792 ng

RT: 11.145 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

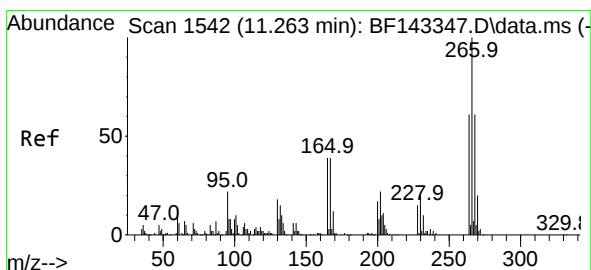
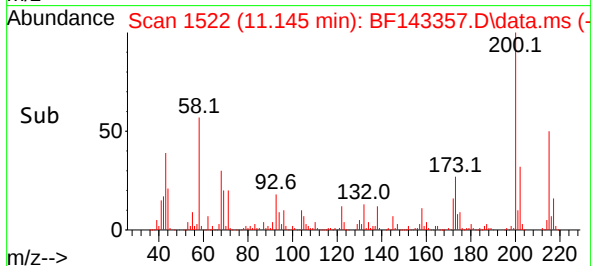
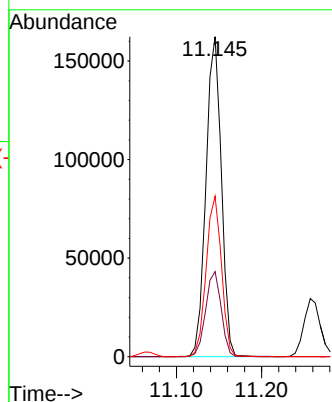
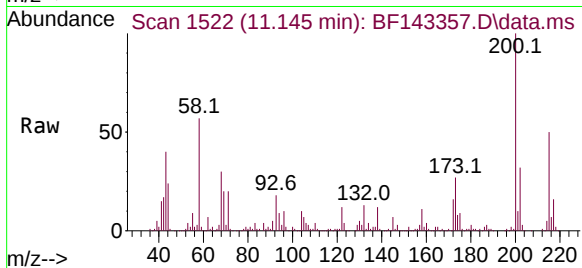
Tgt Ion:200 Resp: 203496

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 50.1 30.6 70.6



#70

Pentachlorophenol

Concen: 90.453 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.006 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

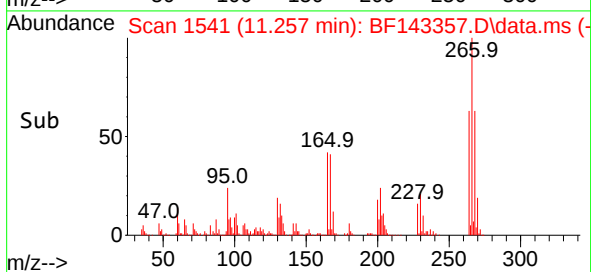
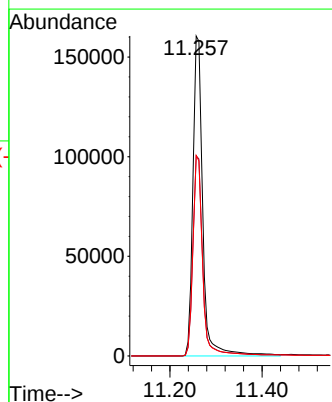
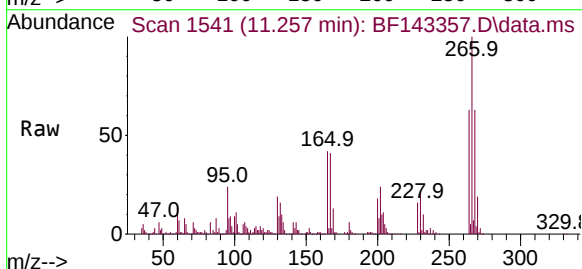
Tgt Ion:266 Resp: 238217

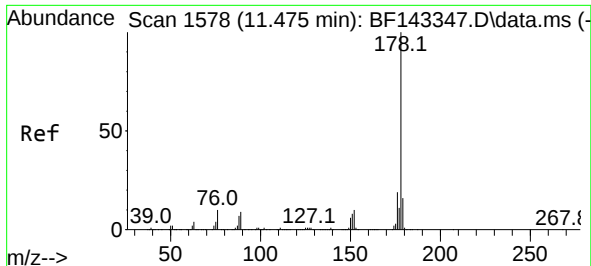
Ion Ratio Lower Upper

266 100

268 62.6 48.8 73.2

264 62.7 48.8 73.2

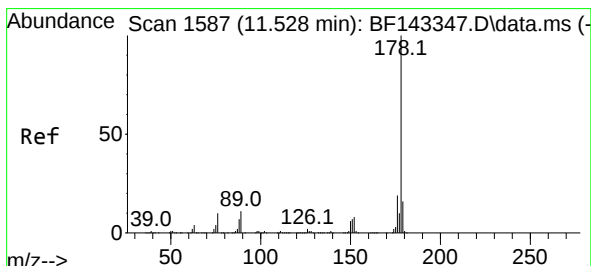
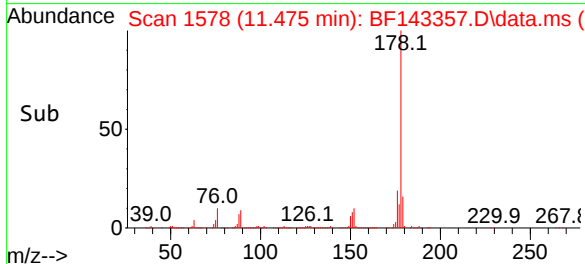
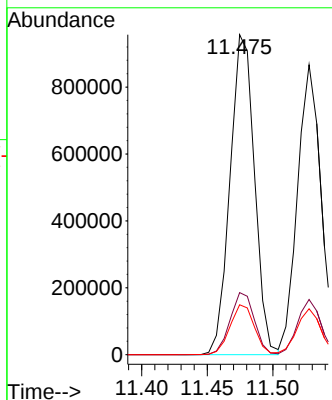
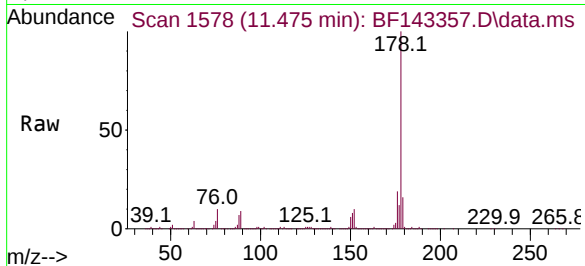




#71
Phenanthrene
Concen: 52.706 ng
RT: 11.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

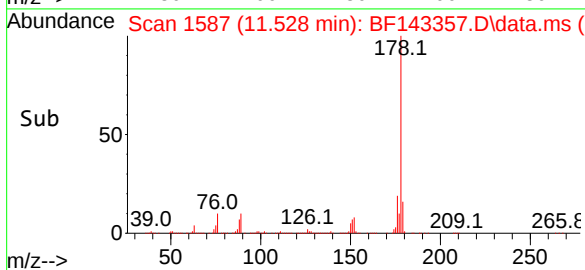
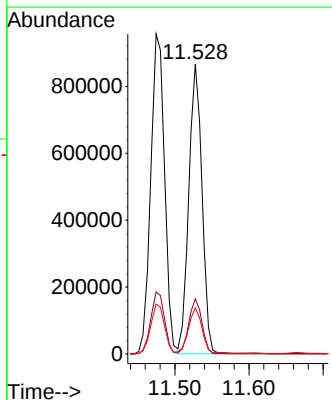
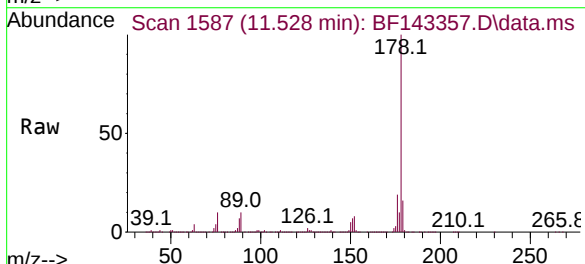
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

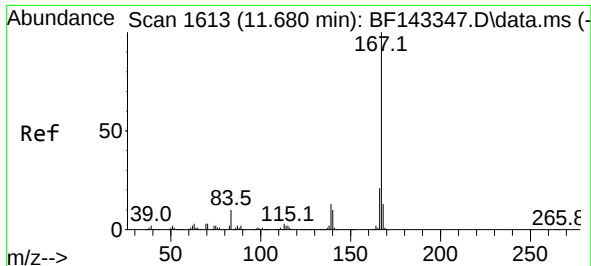
Tgt Ion:178 Resp: 1243555
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 44.998 ng
RT: 11.528 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:178 Resp: 1076705
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.8 12.7 19.1

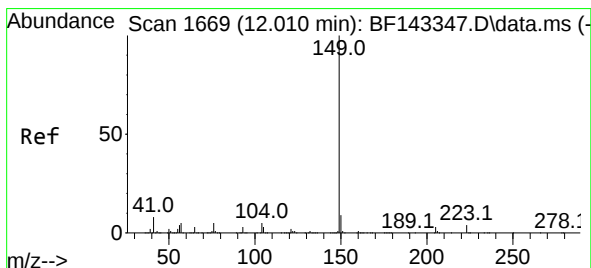
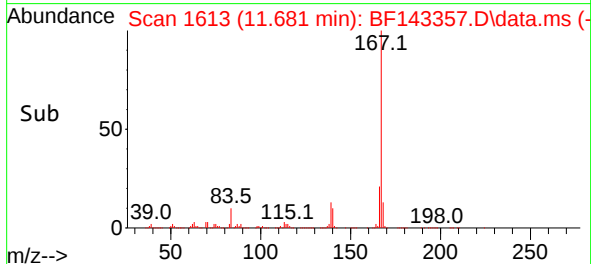
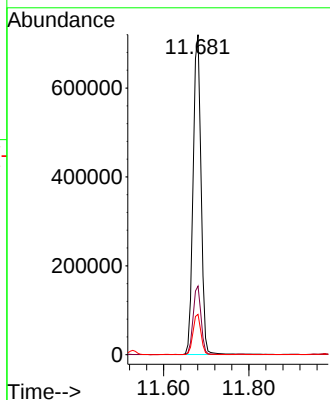
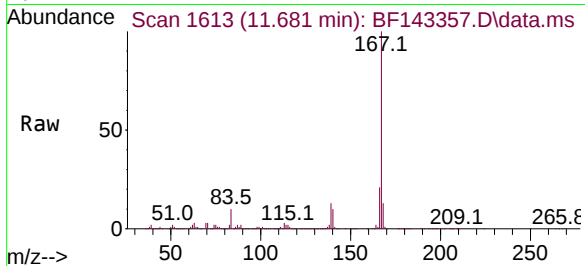




#73
 Carbazole
 Concen: 45.603 ng
 RT: 11.681 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF143357.D
 Acq: 12 Aug 2025 17:02

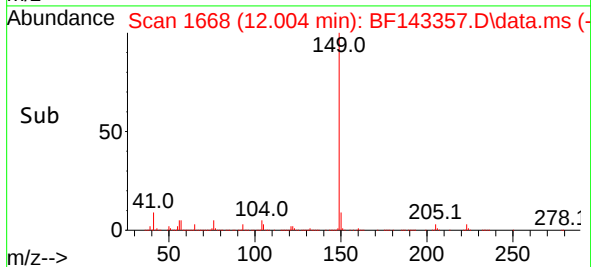
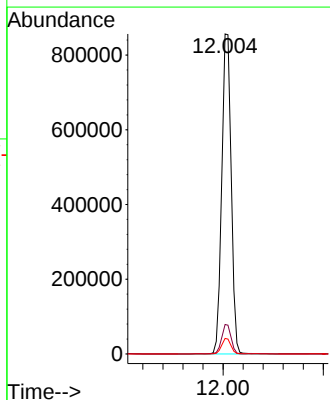
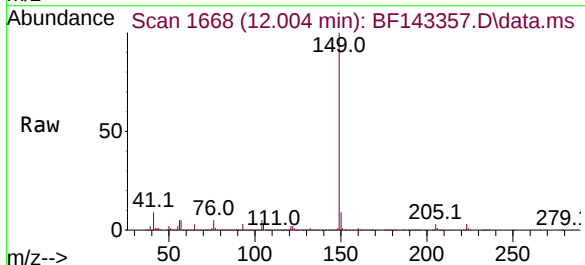
Instrument :
 BNA_F
 ClientSampleId :
 COMP-6MS

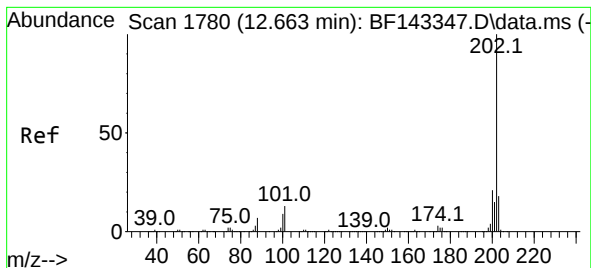
Tgt Ion:167 Resp: 929305
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.8 25.2
 139 12.6 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 65.050 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.006 min
 Lab File: BF143357.D
 Acq: 12 Aug 2025 17:02

Tgt Ion:149 Resp: 1121739
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 63.878 ng

RT: 12.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

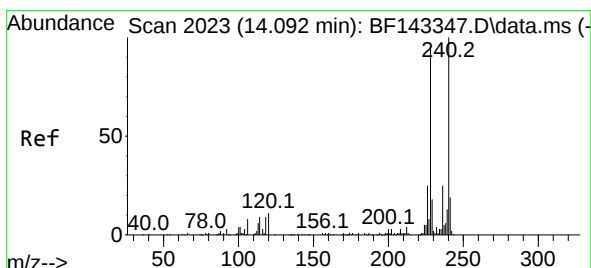
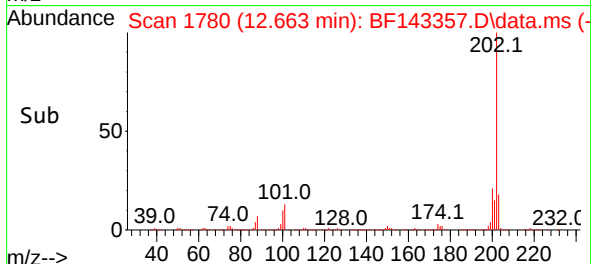
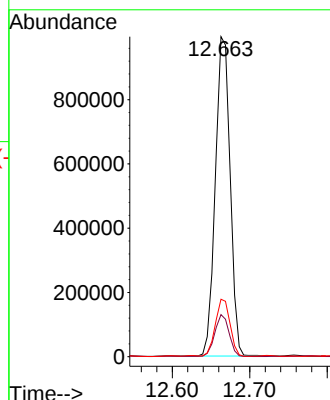
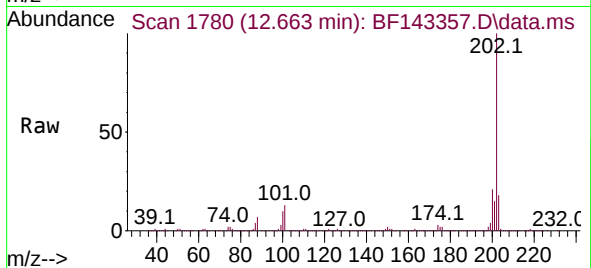
Tgt Ion:202 Resp: 1320210

Ion Ratio Lower Upper

202 100

101 13.2 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: BF143357.D

Acq: 12 Aug 2025 17:02

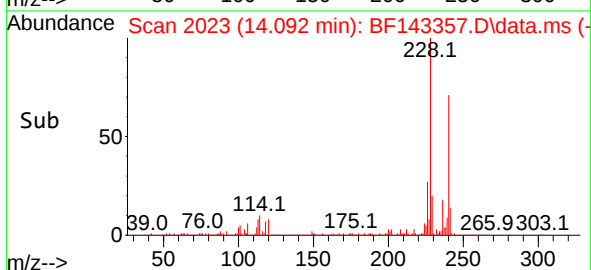
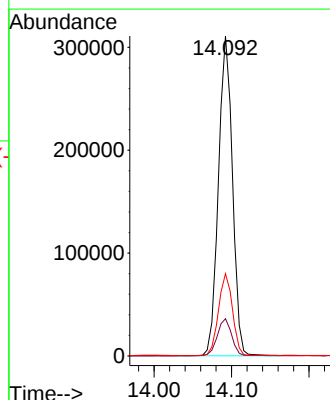
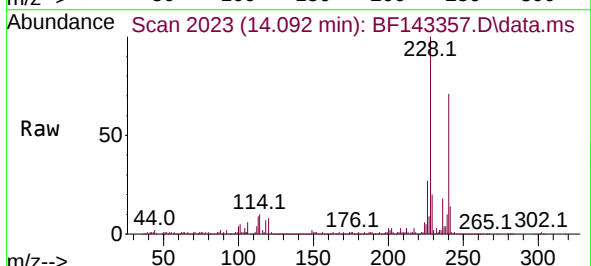
Tgt Ion:240 Resp: 390031

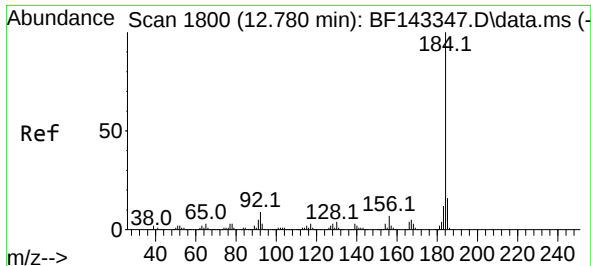
Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.6

236 25.7 19.9 29.9

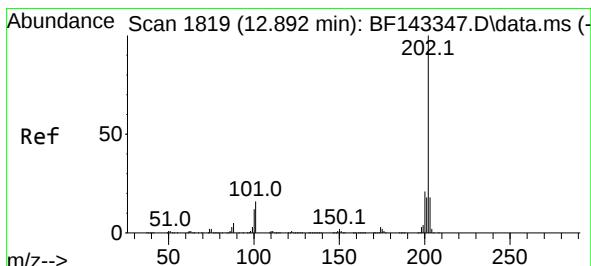
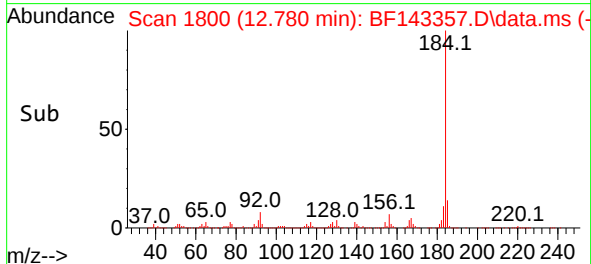
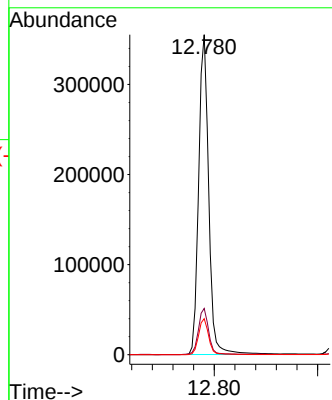
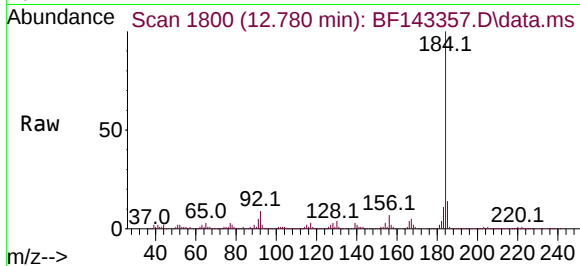




#77
Benzidine
Concen: 44.959 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

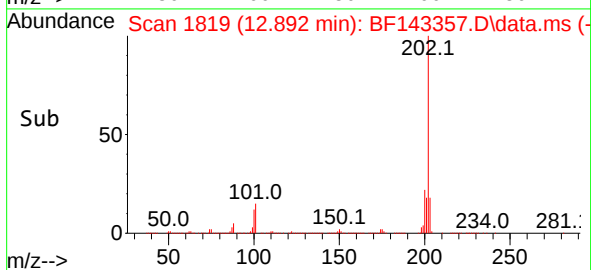
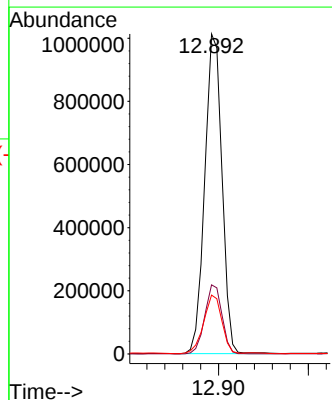
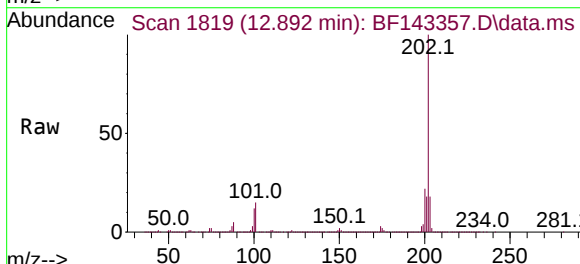
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

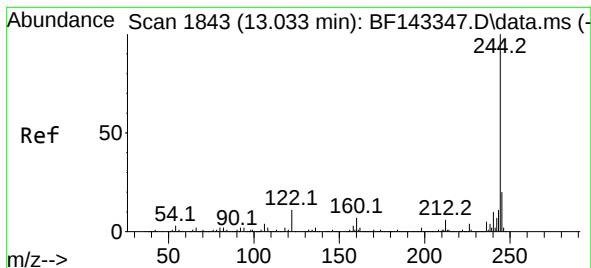
Tgt Ion:184 Resp: 479406
Ion Ratio Lower Upper
184 100
185 14.5 12.8 19.2
183 11.3 9.3 13.9



#78
Pyrene
Concen: 41.219 ng
RT: 12.892 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:202 Resp: 1348664
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 18.4 14.2 21.4





#79

Terphenyl-d14

Concen: 53.338 ng

RT: 13.033 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

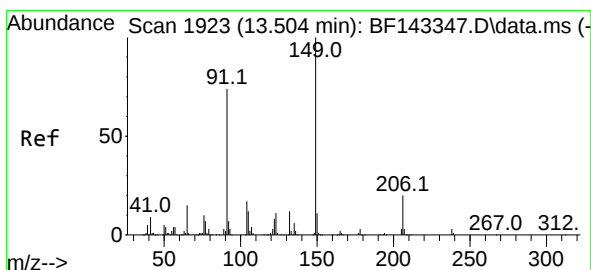
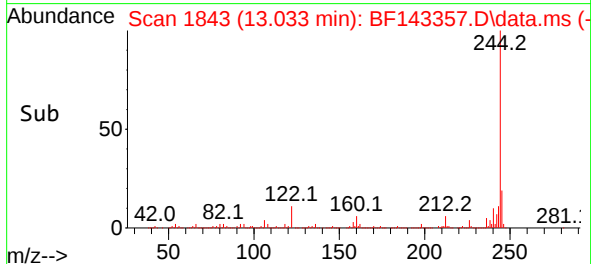
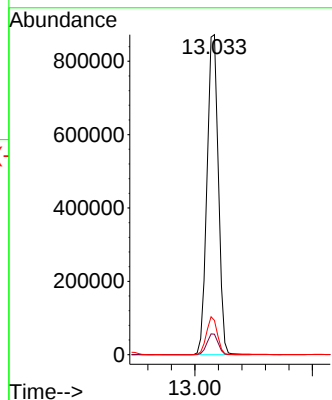
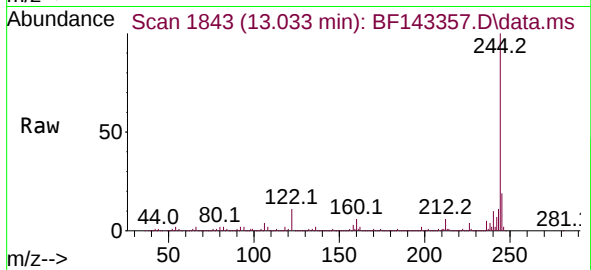
Tgt Ion:244 Resp: 1165234

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 10.7 8.9 13.3



#80

Butylbenzylphthalate

Concen: 65.650 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

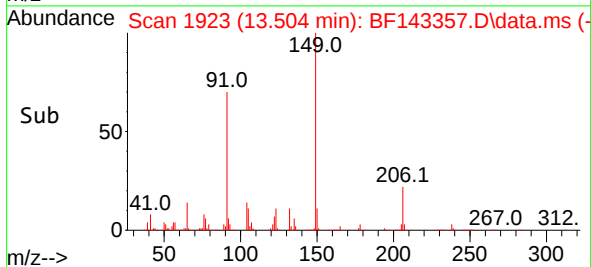
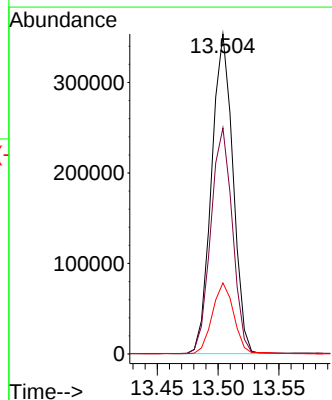
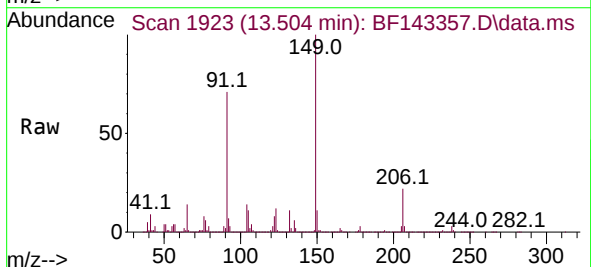
Tgt Ion:149 Resp: 433049

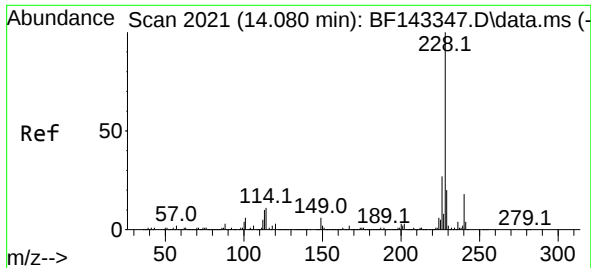
Ion Ratio Lower Upper

149 100

91 70.6 58.8 88.2

206 22.2 16.4 24.6

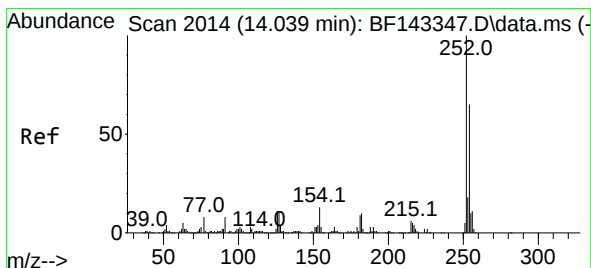
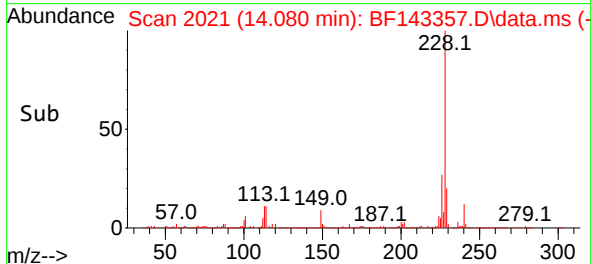
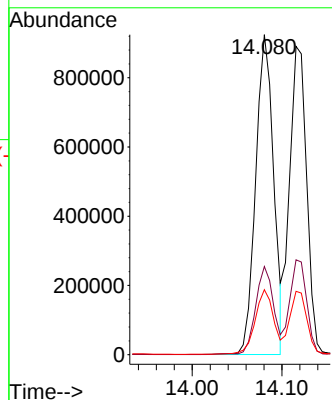
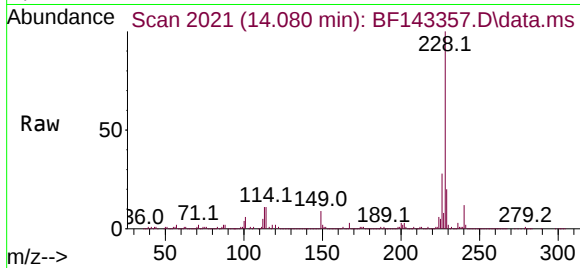




#81
Benzo(a)anthracene
Concen: 51.766 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

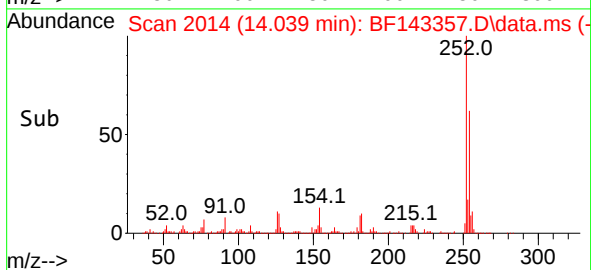
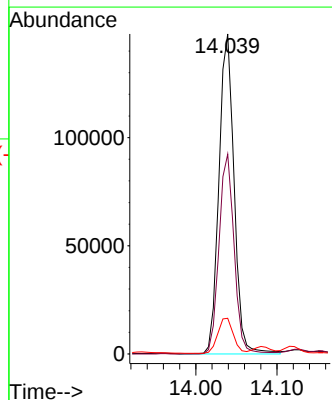
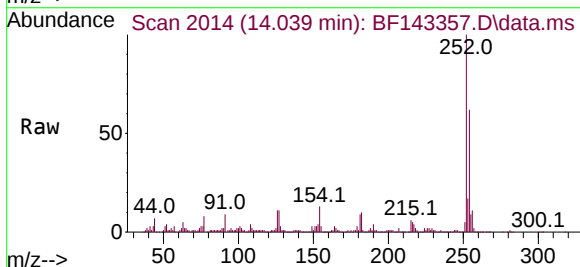
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

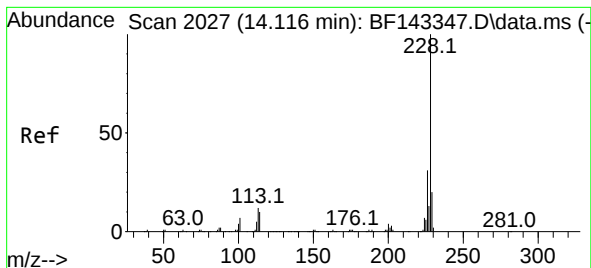
Tgt Ion:228 Resp: 1283275
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 20.3 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 28.848 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:252 Resp: 193103
Ion Ratio Lower Upper
252 100
254 62.5 51.7 77.5
126 11.1 9.2 13.8





#83

Chrysene

Concen: 50.695 ng

RT: 14.116 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

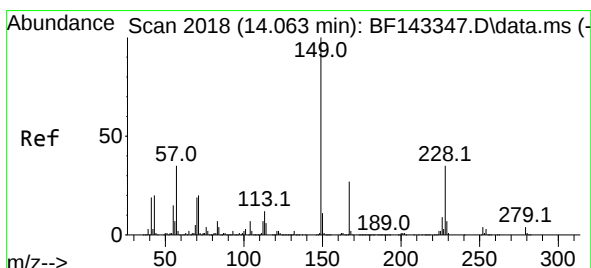
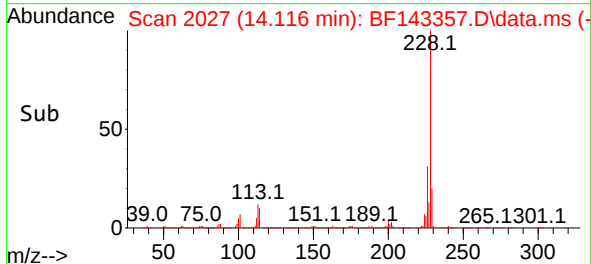
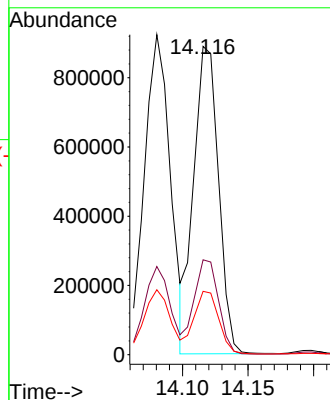
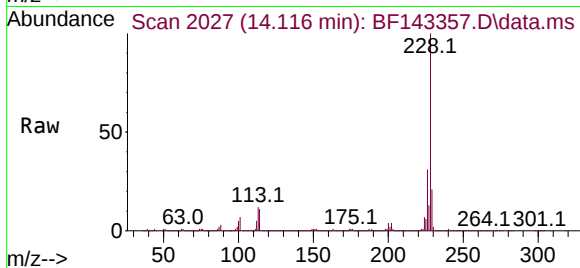
Tgt Ion:228 Resp: 1171839

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

229 20.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.227 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

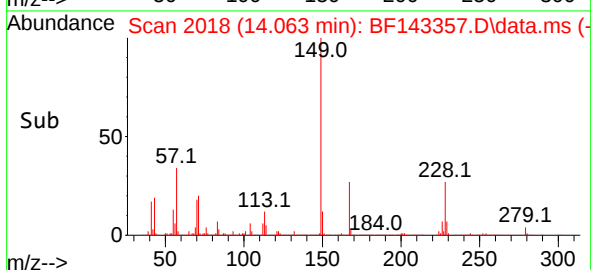
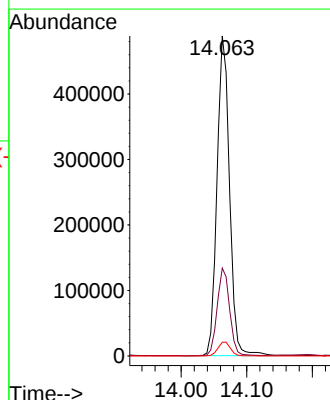
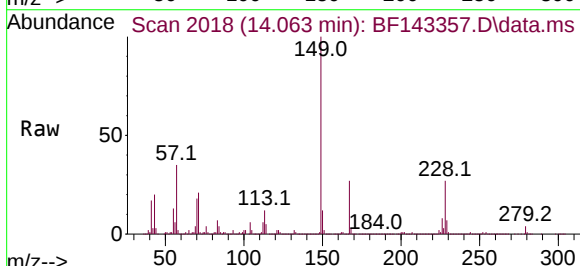
Tgt Ion:149 Resp: 645569

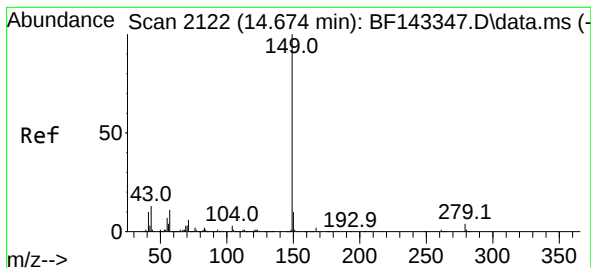
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 59.598 ng

RT: 14.674 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

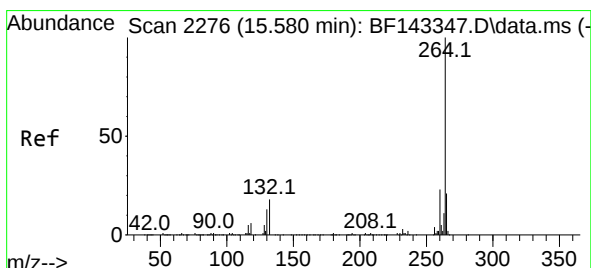
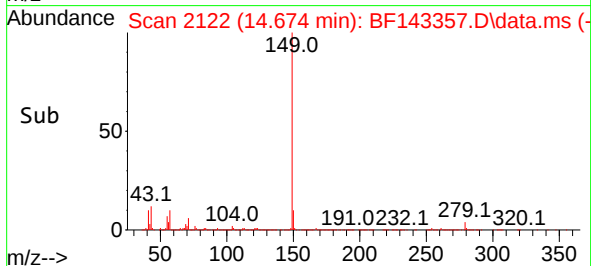
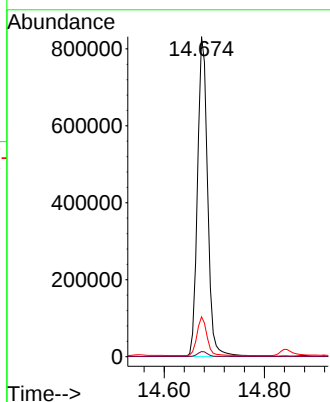
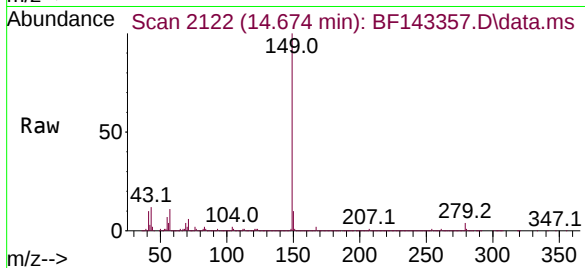
Tgt Ion:149 Resp: 1160032

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.0 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: BF143357.D

Acq: 12 Aug 2025 17:02

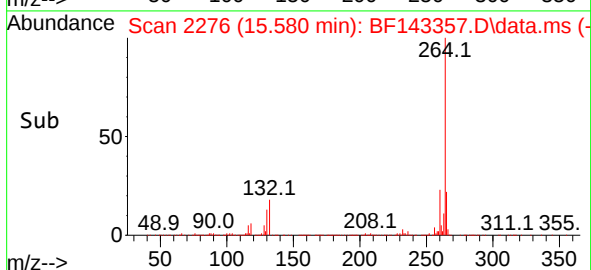
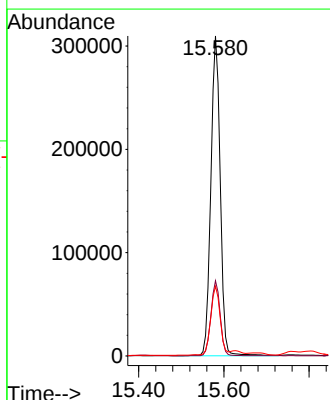
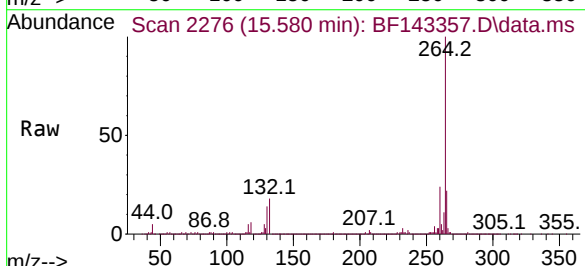
Tgt Ion:264 Resp: 473134

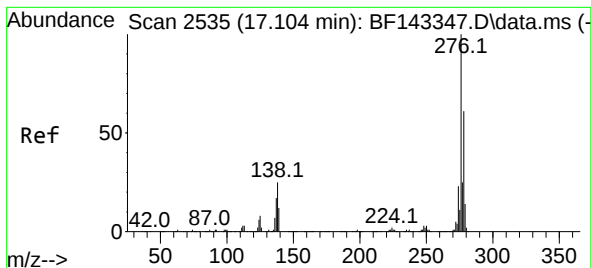
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.478 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

Instrument :

BNA_F

ClientSampleId :

COMP-6MS

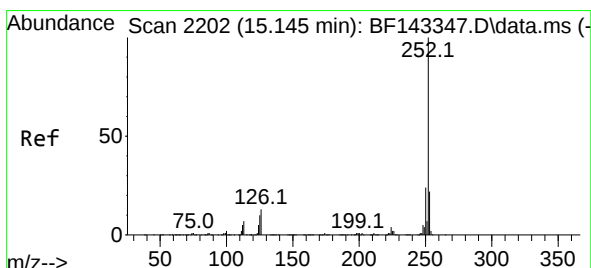
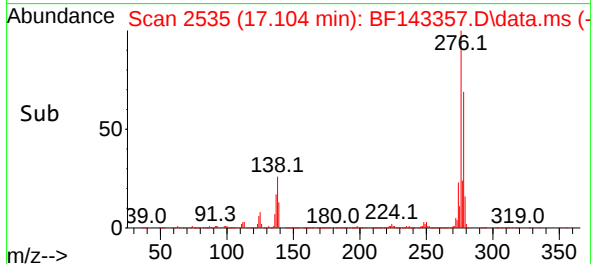
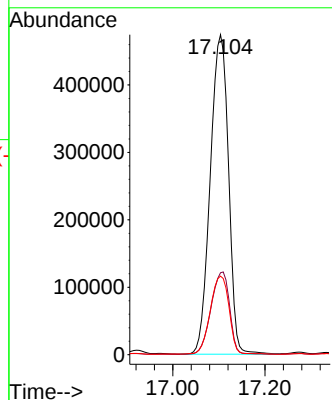
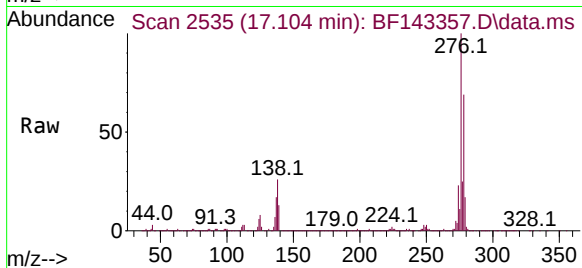
Tgt Ion:276 Resp: 1304300

Ion Ratio Lower Upper

276 100

138 26.1 21.1 31.7

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 57.766 ng

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF143357.D

Acq: 12 Aug 2025 17:02

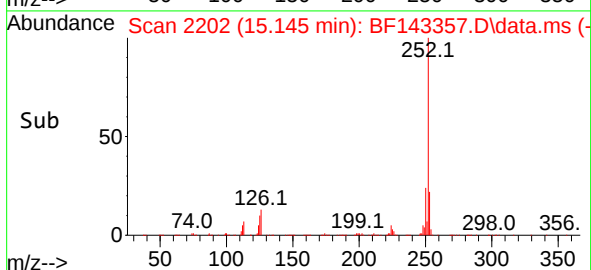
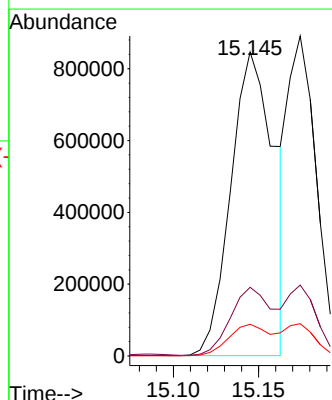
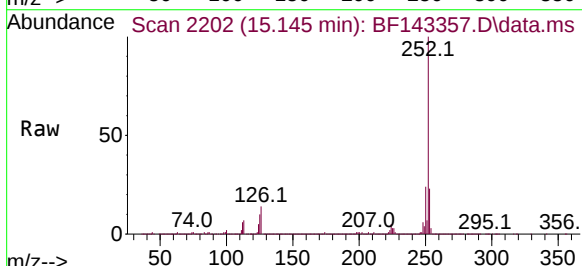
Tgt Ion:252 Resp: 1494896

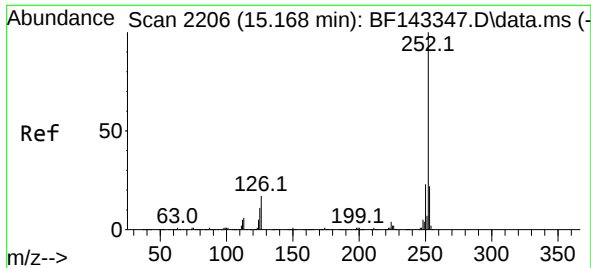
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 10.4 7.8 11.6

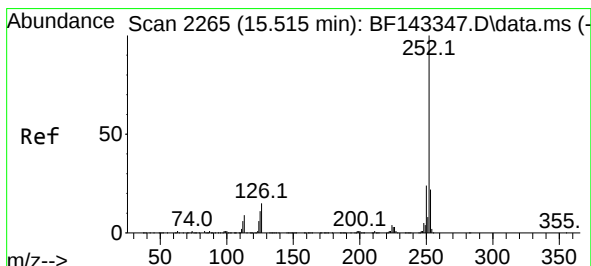
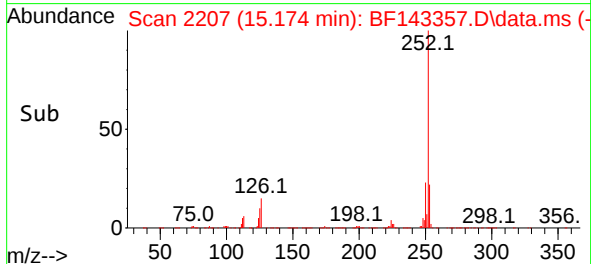
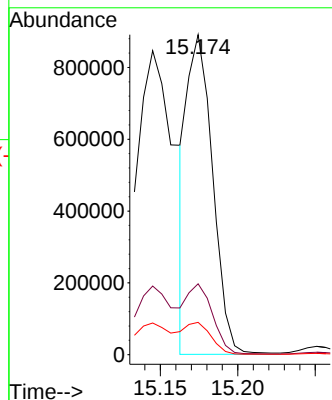
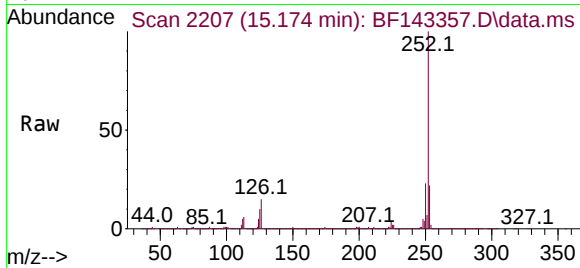




#89
Benzo(k)fluoranthene
Concen: 40.838 ng
RT: 15.174 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

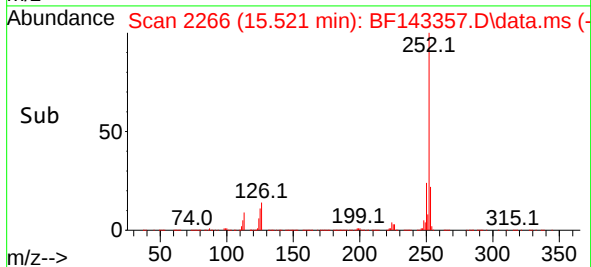
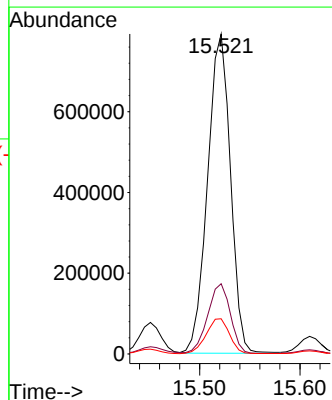
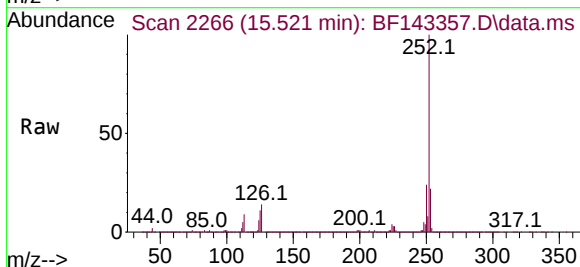
Instrument :
BNA_F
ClientSampleId :
COMP-6MS

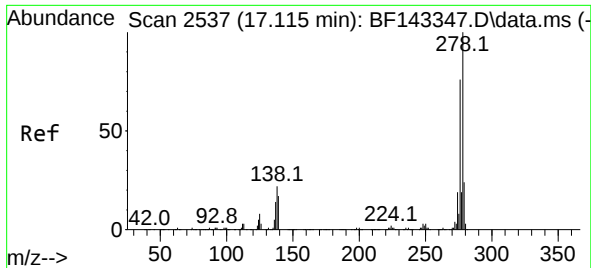
Tgt Ion:252 Resp: 1026897
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 51.632 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:252 Resp: 1258435
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.0 9.1 13.7

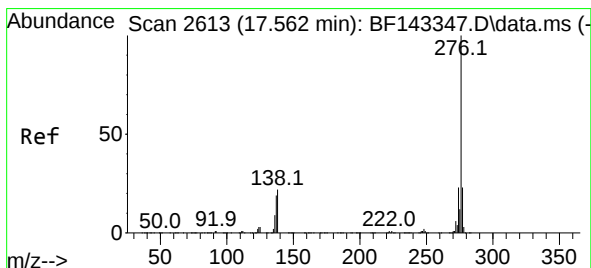
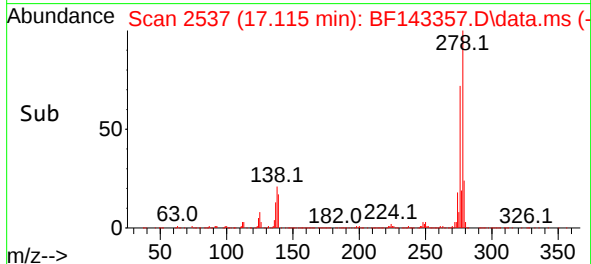
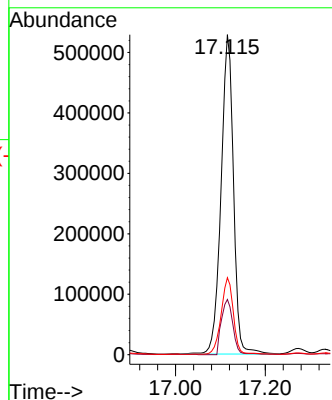
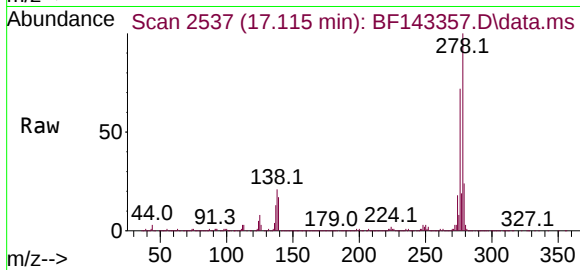




#91
Dibenzo(a,h)anthracene
Concen: 37.726 ng
RT: 17.115 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Instrument :
BNA_F
ClientSampleId :
COMP-6MS

Tgt Ion:278 Resp: 1021632
Ion Ratio Lower Upper
278 100
139 17.2 14.0 21.0
279 24.1 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 36.575 ng
RT: 17.562 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF143357.D
Acq: 12 Aug 2025 17:02

Tgt Ion:276 Resp: 997763
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 22.7 17.8 26.8

