

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142341.D
 Acq On : 13 May 2025 13:16
 Operator : RC/JU
 Sample : Q1993-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MS

Quant Time: May 13 13:55:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	222671	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	844135	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	448767	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	711096	20.000	ng	0.00
76) Chrysene-d12	14.074	240	400063	20.000	ng	0.00
86) Perylene-d12	15.563	264	458773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	827305	63.424	ng	0.00
7) Phenol-d6	6.522	99	661577	41.237	ng	0.00
23) Nitrobenzene-d5	7.469	82	1193717	86.244	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	602013	138.944	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2343262	74.453	ng	0.00
79) Terphenyl-d14	13.016	244	1881074	69.594	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	105179	17.906	ng	98
3) Pyridine	3.487	79	249292	18.076	ng	99
4) n-Nitrosodimethylamine	3.428	42	160095	19.974	ng	98
6) Aniline	6.569	93	573513	36.446	ng	99
8) 2-Chlorophenol	6.687	128	521491	37.413	ng	98
9) Benzaldehyde	6.451	77	339068	36.111	ng	99
10) Phenol	6.534	94	267411	15.725	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	586176	34.953	ng	97
12) 1,3-Dichlorobenzene	6.845	146	531652	33.339	ng	99
13) 1,4-Dichlorobenzene	6.922	146	544713	34.020	ng	99
14) 1,2-Dichlorobenzene	7.075	146	535342	34.833	ng	99
15) Benzyl Alcohol	7.040	79	335251	32.271	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	987524	39.433	ng	99
17) 2-Methylphenol	7.151	107	359385	31.846	ng	99
18) Hexachloroethane	7.422	117	182886	34.330	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	425960	42.924	ng	98
20) 3+4-Methylphenols	7.304	107	402217	28.558	ng	# 72
22) Acetophenone	7.310	105	811717	43.248	ng	98
24) Nitrobenzene	7.487	77	604693	46.347	ng	97
25) Isophorone	7.722	82	1171958	44.714	ng	99
26) 2-Nitrophenol	7.798	139	313153	49.643	ng	97
27) 2,4-Dimethylphenol	7.834	122	554257	42.060	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	737527	43.761	ng	98
29) 2,4-Dichlorophenol	8.039	162	498131	44.462	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	497743	39.476	ng	100
31) Naphthalene	8.210	128	1661033	40.600	ng	100
32) Benzoic acid	7.910	122	112899	21.421	ng	98
33) 4-Chloroaniline	8.257	127	245480	14.705	ng	100
34) Hexachlorobutadiene	8.328	225	286359	38.355	ng	100
35) Caprolactam	8.628	113	22605	6.923	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	474733	40.763	ng	98
37) 2-Methylnaphthalene	8.898	142	1082318	42.575	ng	100
38) 1-Methylnaphthalene	8.998	142	1123435	42.400	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	533036	42.528	ng	99
41) Hexachlorocyclopentadiene	9.057	237	597101	77.084	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	385055	48.705	ng	98

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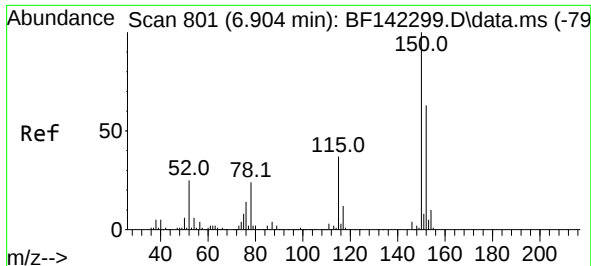
Quant Time: May 13 13:55:06 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	388948	46.238	ng	100
46) 1,1'-Biphenyl	9.363	154	1490605	43.320	ng	100
47) 2-Chloronaphthalene	9.392	162	1096312	42.843	ng	100
48) 2-Nitroaniline	9.481	65	343788	52.415	ng	97
49) Acenaphthylene	9.804	152	1842685	43.046	ng	100
50) Dimethylphthalate	9.669	163	1339615	46.488	ng	100
51) 2,6-Dinitrotoluene	9.728	165	290481	53.853	ng	91
52) Acenaphthene	9.981	154	1222632	47.501	ng	99
53) 3-Nitroaniline	9.892	138	159295	25.181	ng	94
54) 2,4-Dinitrophenol	9.998	184	283601	98.536	ng	# 1
55) Dibenzofuran	10.151	168	1631429	42.948	ng	99
56) 4-Nitrophenol	10.045	139	175940	36.953	ng	96
57) 2,4-Dinitrotoluene	10.128	165	387857	56.057	ng	96
58) Fluorene	10.492	166	1234531	42.585	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	340901	49.092	ng	98
60) Diethylphthalate	10.369	149	2041429	70.938	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	609755	43.597	ng	99
62) 4-Nitroaniline	10.510	138	260342	51.925	ng	100
63) Azobenzene	10.645	77	1237241	44.991	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	181337	53.702	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1127454	47.647	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	389701	48.355	ng	99
68) Hexachlorobenzene	11.039	284	423127	47.731	ng	98
69) Atrazine	11.128	200	300676	48.205	ng	100
70) Pentachlorophenol	11.233	266	483498	103.676	ng	98
71) Phenanthrene	11.457	178	1641209	44.031	ng	100
72) Anthracene	11.510	178	1680500	43.879	ng	100
73) Carbazole	11.663	167	1413709	41.144	ng	100
74) Di-n-butylphthalate	11.992	149	1877806	51.972	ng	100
75) Fluoranthene	12.645	202	1472368	39.516	ng	99
77) Benzidine	12.763	184	144725	19.906	ng	98
78) Pyrene	12.874	202	1432084	40.216	ng	99
80) Butylbenzylphthalate	13.492	149	575720	54.836	ng	99
81) Benzo(a)anthracene	14.063	228	1197998	46.239	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	244119	40.518	ng	99
83) Chrysene	14.098	228	1091976	45.275	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	820672	59.526	ng	99
85) Di-n-octyl phthalate	14.668	149	1302921	52.516	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1139843	35.716	ng	100
88) Benzo(b)fluoranthene	15.121	252	1304145	46.935	ng	100
89) Benzo(k)fluoranthene	15.157	252	1176087	46.252	ng	100
90) Benzo(a)pyrene	15.504	252	1185667	47.619	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	954756	36.212	ng	99
92) Benzo(g,h,i)perylene	17.527	276	834969	31.908	ng	100

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

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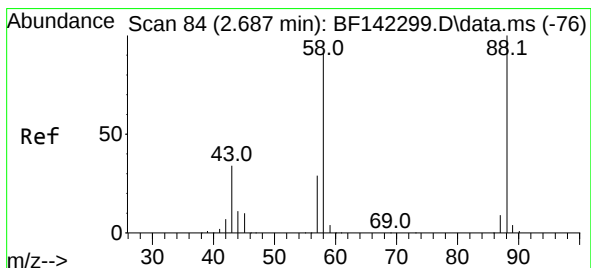
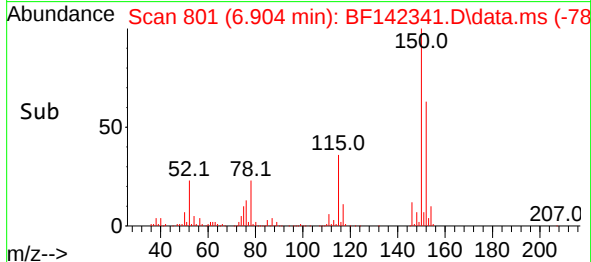
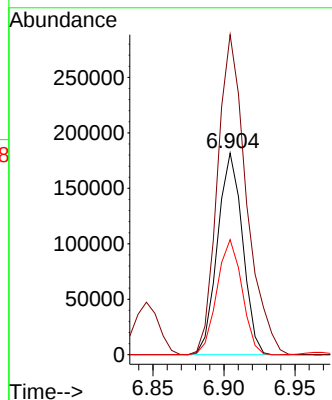
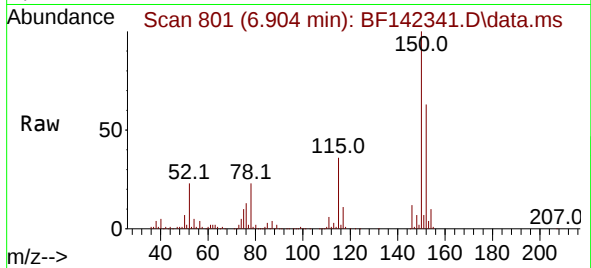




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142341.D
 Acq: 13 May 2025 13:16

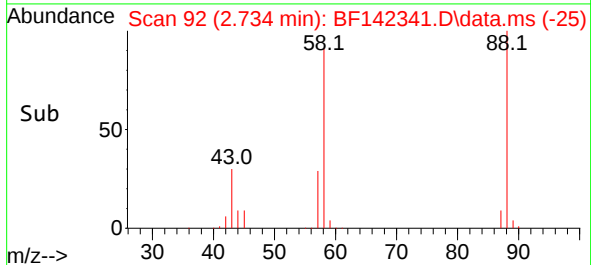
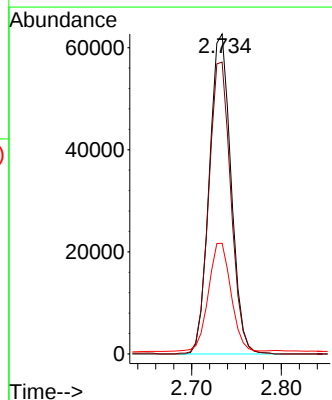
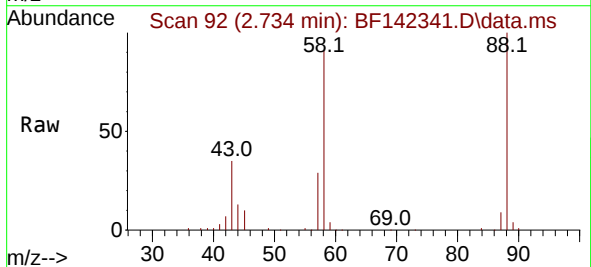
Instrument :
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 MW-3-20250508MS

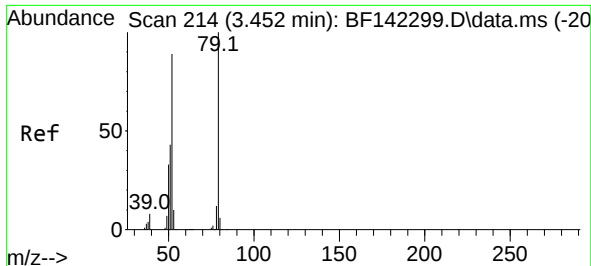
Tgt Ion:152 Resp: 222671
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.6 190.0
 115 57.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 17.906 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.047 min
 Lab File: BF142341.D
 Acq: 13 May 2025 13:16

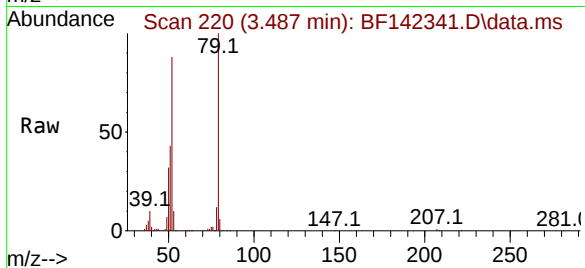
Tgt Ion: 88 Resp: 105179
 Ion Ratio Lower Upper
 88 100
 58 93.1 73.0 109.4
 43 35.8 27.8 41.6





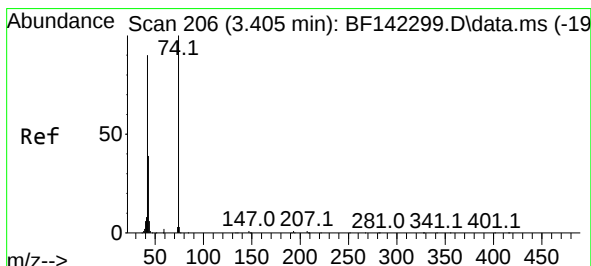
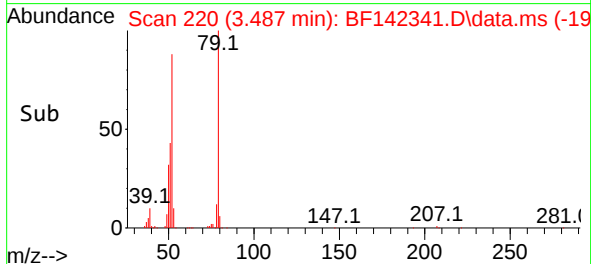
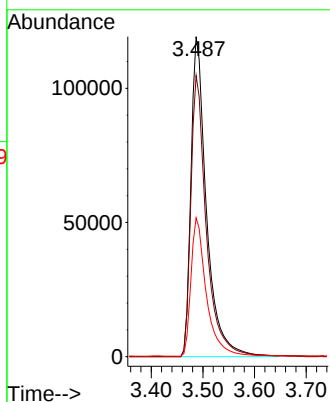
#3
Pyridine
Concen: 18.076 ng
RT: 3.487 min Scan# 210
Delta R.T. 0.035 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS



Tgt Ion: 79 Resp: 249292

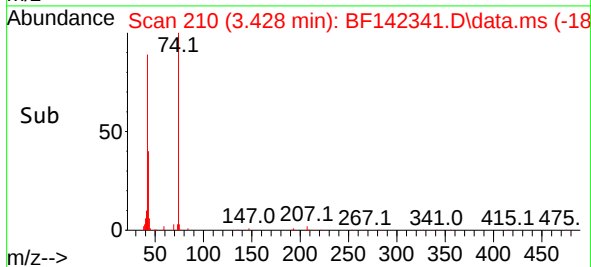
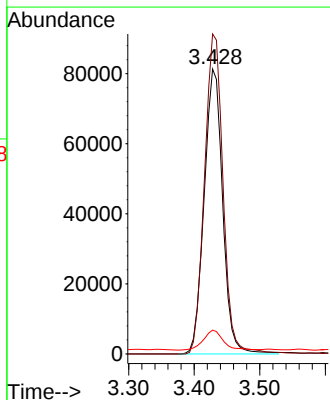
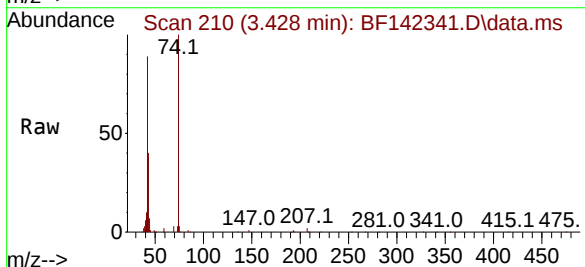
Ion	Ratio	Lower	Upper
79	100		
52	87.9	71.0	106.4
51	43.4	34.9	52.3



#4
n-Nitrosodimethylamine
Concen: 19.974 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.023 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion: 42 Resp: 160095

Ion	Ratio	Lower	Upper
42	100		
74	112.3	88.5	132.7
44	8.4	5.8	8.8

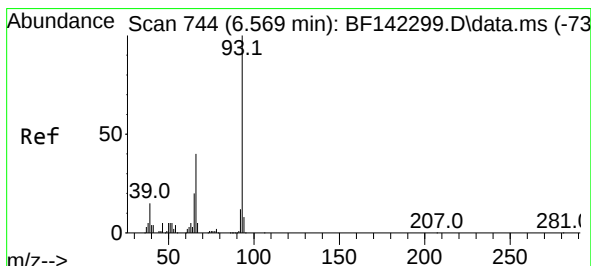
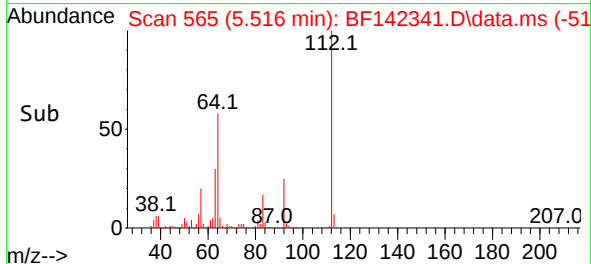
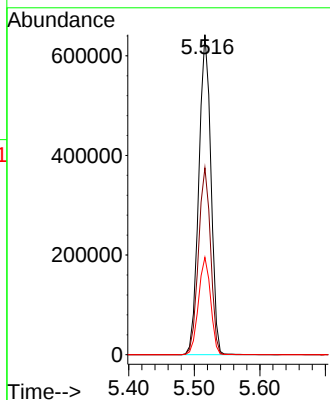
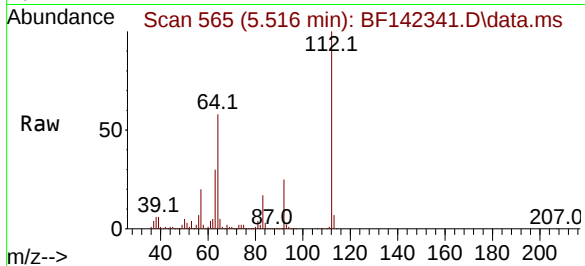




#5
2-Fluorophenol
Concen: 63.424 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

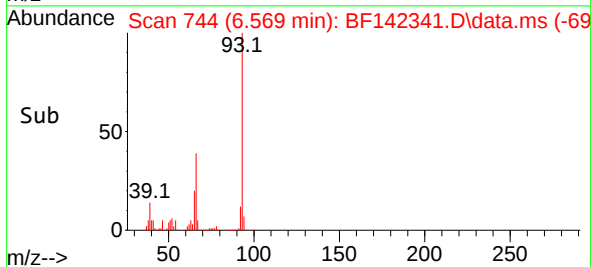
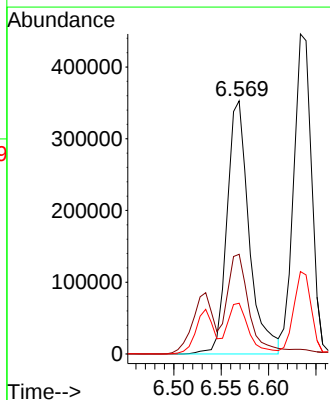
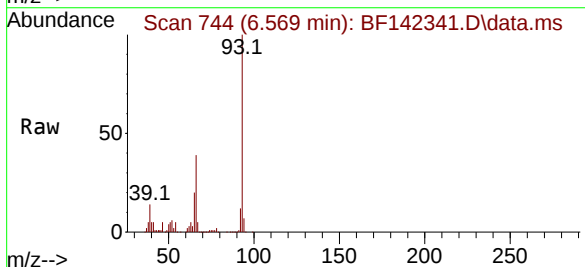
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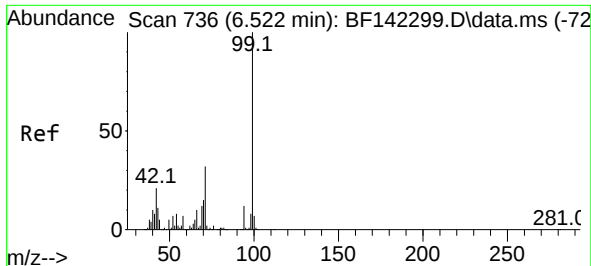
Tgt Ion:112 Resp: 827305
Ion Ratio Lower Upper
112 100
64 58.4 48.9 73.3
63 30.4 25.6 38.4



#6
Aniline
Concen: 36.446 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion: 93 Resp: 573513
Ion Ratio Lower Upper
93 100
66 39.4 32.2 48.4
65 20.1 16.3 24.5





#7

Phenol-d6

Concen: 41.237 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.000 min

Lab File: BF142341.D

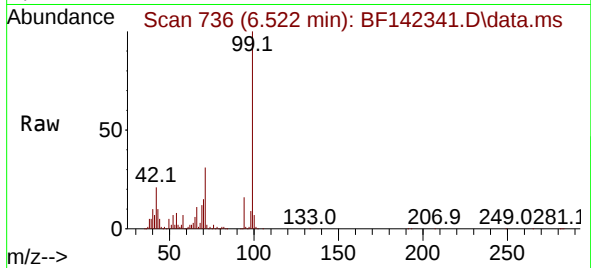
Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS



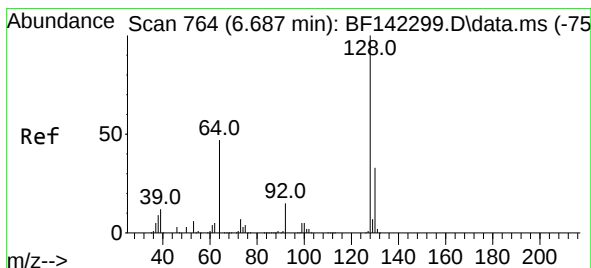
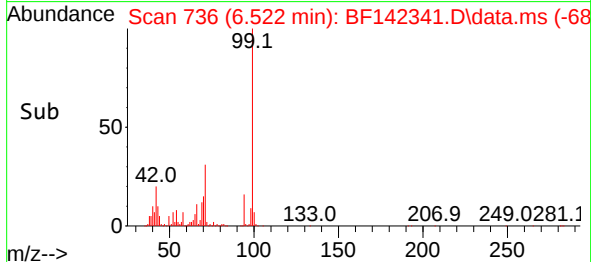
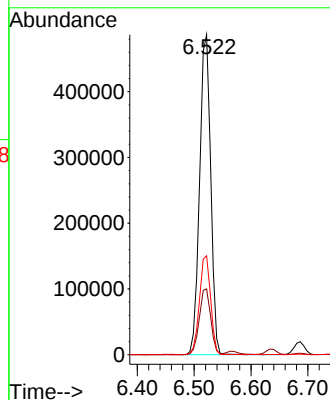
Tgt Ion: 99 Resp: 661577

Ion Ratio Lower Upper

99 100

42 20.6 17.0 25.4

71 30.9 25.8 38.8



#8

2-Chlorophenol

Concen: 37.413 ng

RT: 6.687 min Scan# 764

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

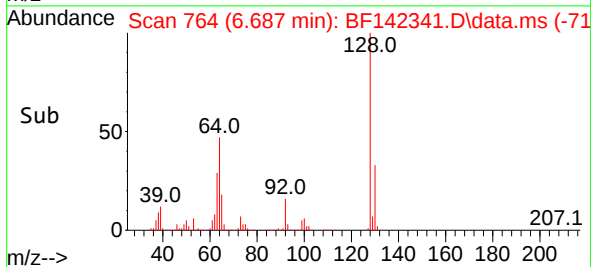
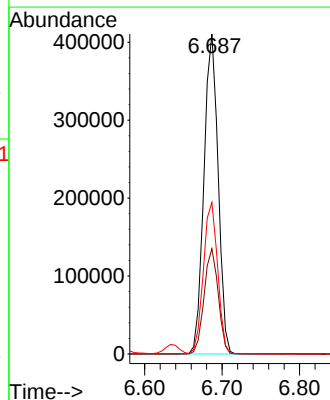
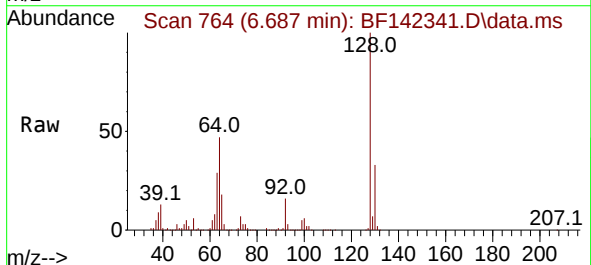
Tgt Ion:128 Resp: 521491

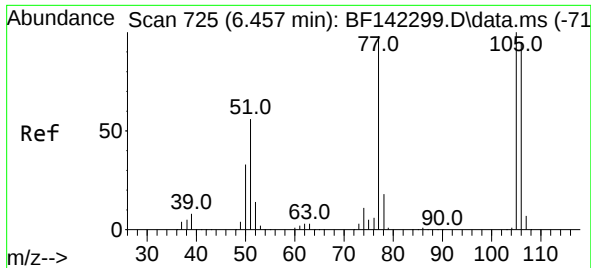
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 47.4 29.2 69.2





#9

Benzaldehyde

Concen: 36.111 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142341.D

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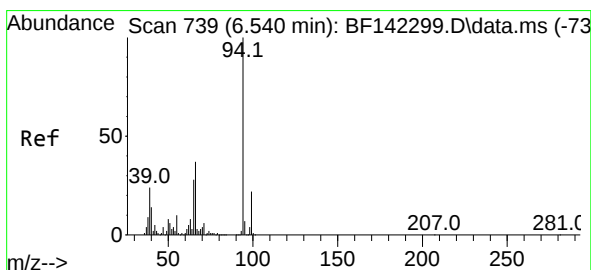
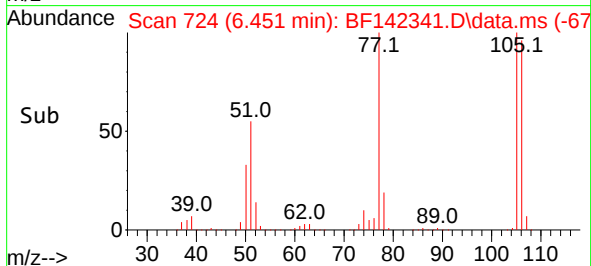
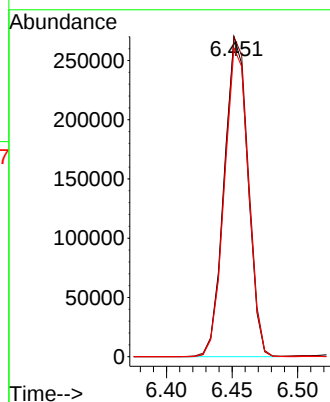
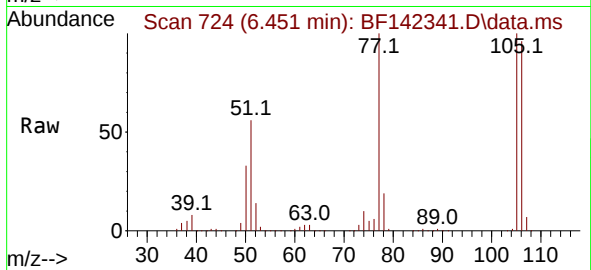
Tgt Ion: 77 Resp: 339068

Ion Ratio Lower Upper

77 100

105 100.0 82.0 122.0

106 96.5 77.2 117.2



#10

Phenol

Concen: 15.725 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

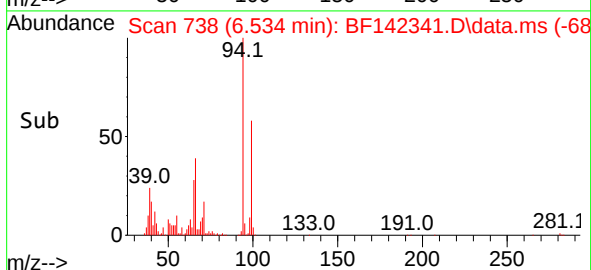
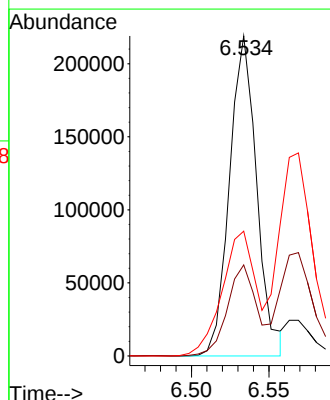
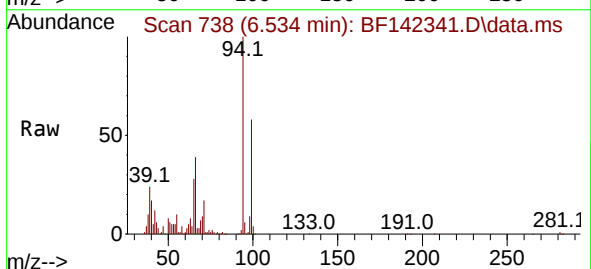
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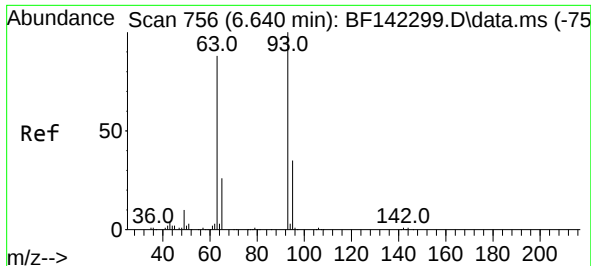
Ion Ratio Lower Upper

94 100

65 28.5 8.5 48.5

66 39.0 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 34.953 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

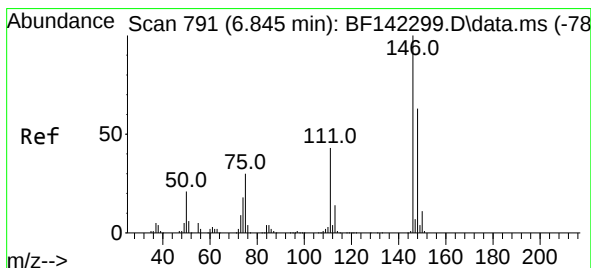
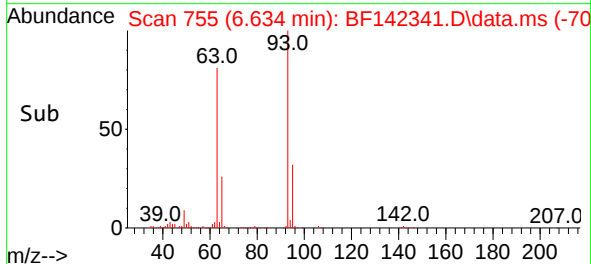
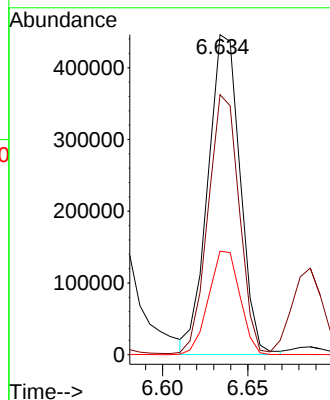
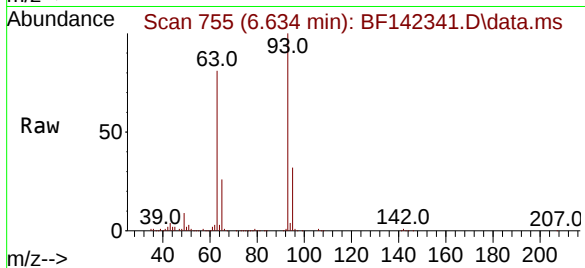
Tgt Ion: 93 Resp: 586176

Ion Ratio Lower Upper

93 100

63 81.3 58.4 98.4

95 32.3 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 33.339 ng

RT: 6.845 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

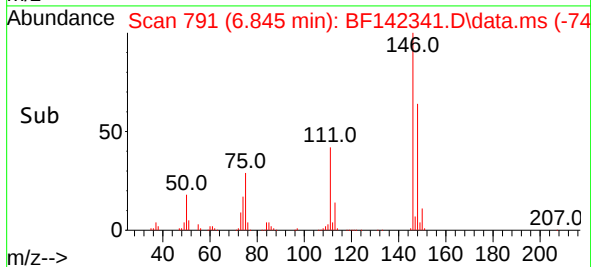
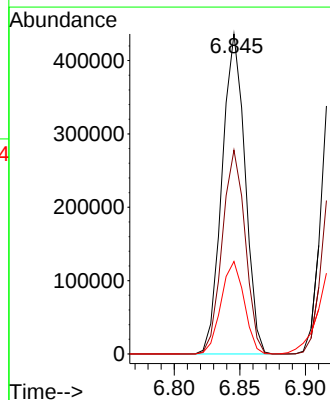
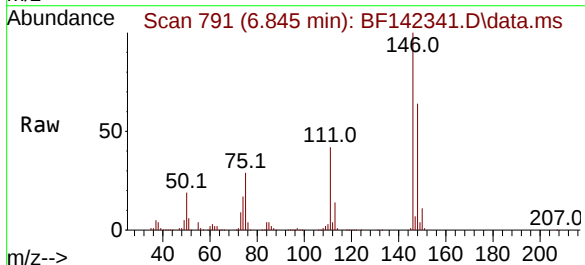
Tgt Ion:146 Resp: 531652

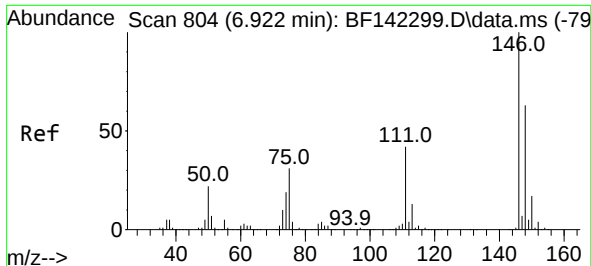
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

75 28.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 34.020 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

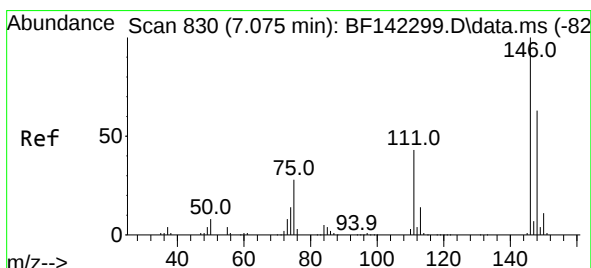
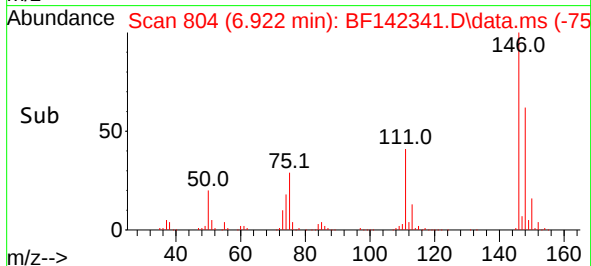
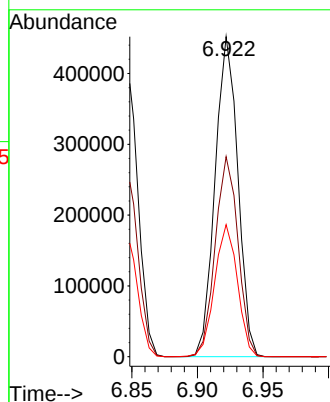
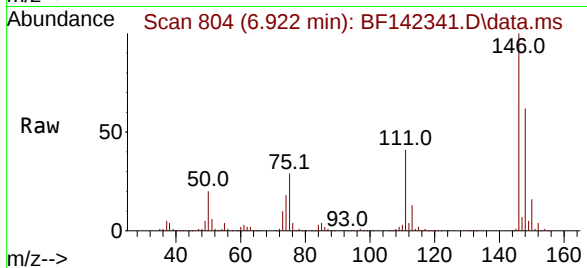
Tgt Ion:146 Resp: 544713

Ion Ratio Lower Upper

146 100

148 62.5 50.5 75.7

111 41.3 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 34.833 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

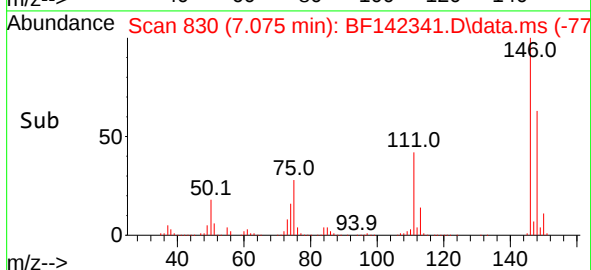
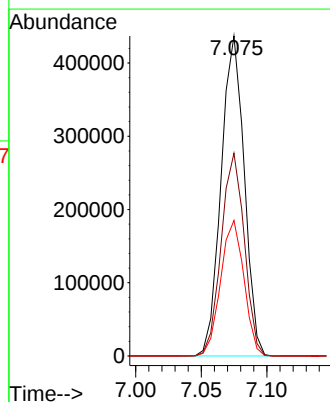
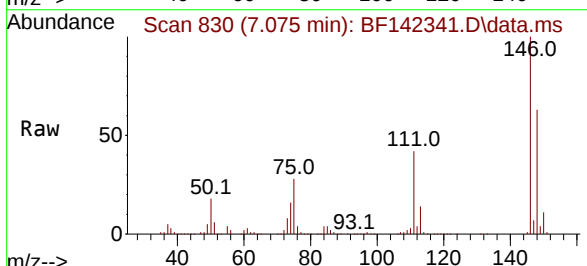
Tgt Ion:146 Resp: 535342

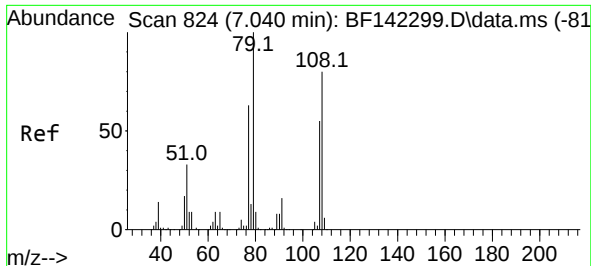
Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

111 42.4 34.5 51.7

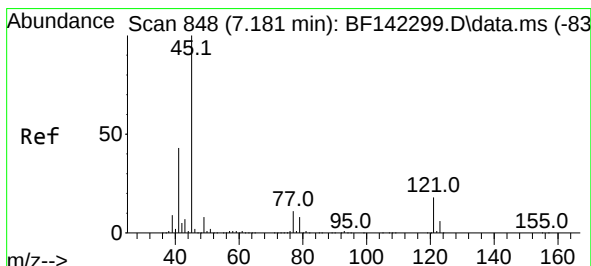
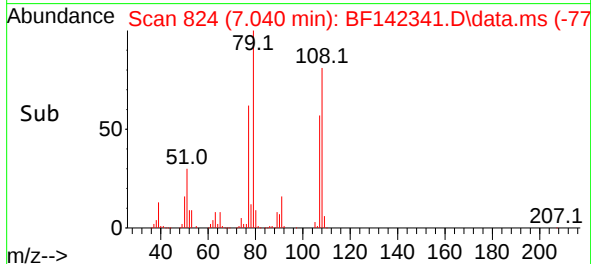
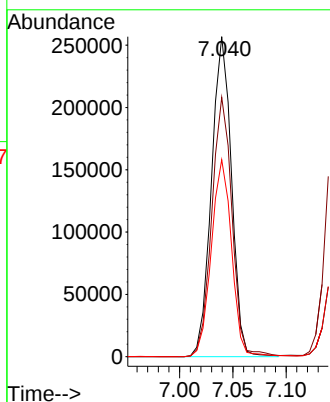
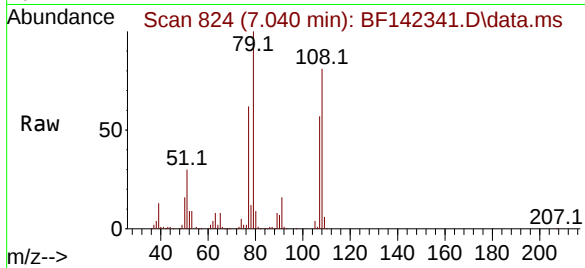




#15
Benzyl Alcohol
Concen: 32.271 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

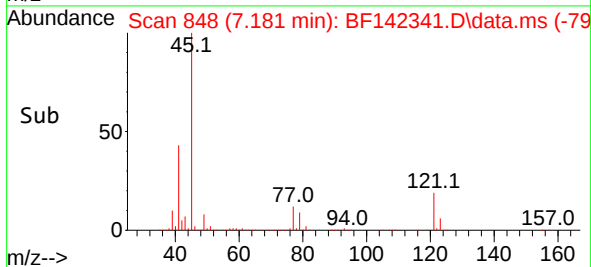
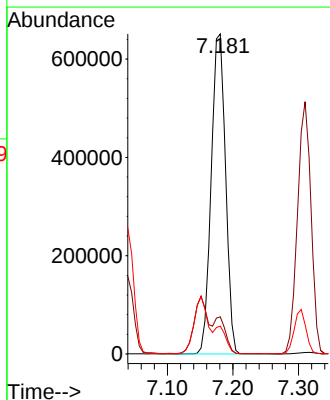
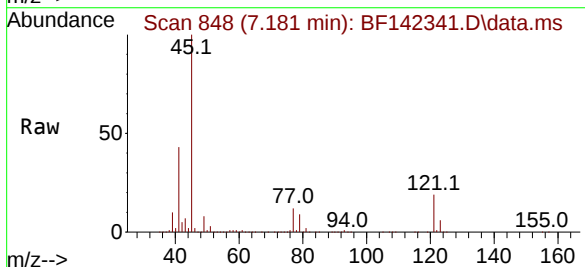
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

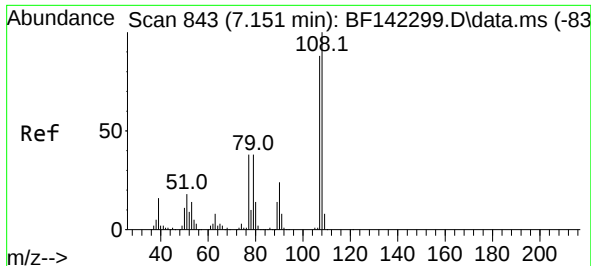
Tgt Ion: 79 Resp: 335251
Ion Ratio Lower Upper
79 100
108 81.0 63.9 95.9
77 61.6 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.433 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

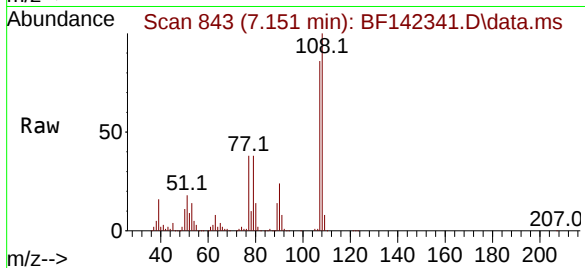
Tgt Ion: 45 Resp: 987524
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.2
79 8.7 0.0 28.5



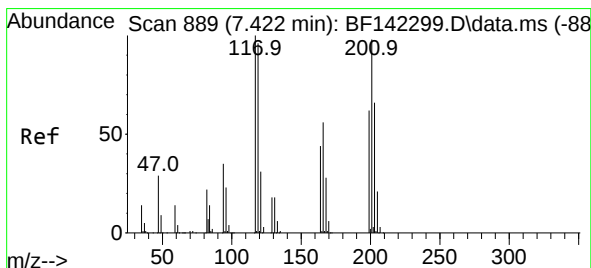
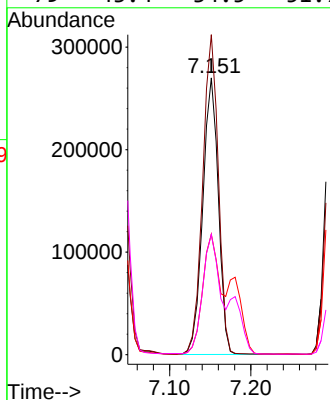
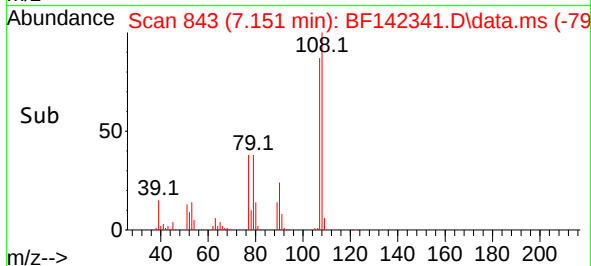


#17
2-Methylphenol
Concen: 31.846 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

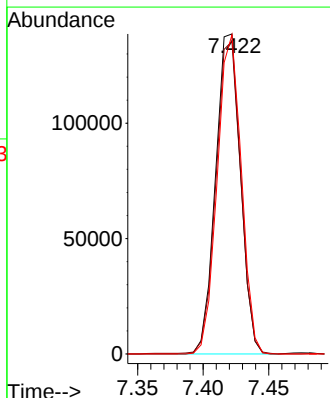
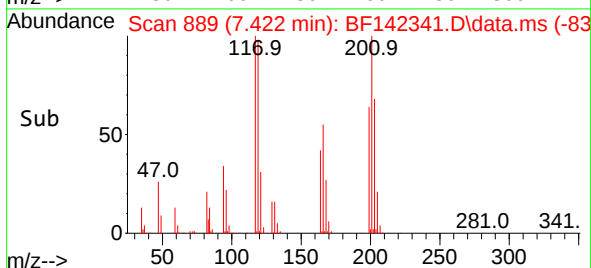
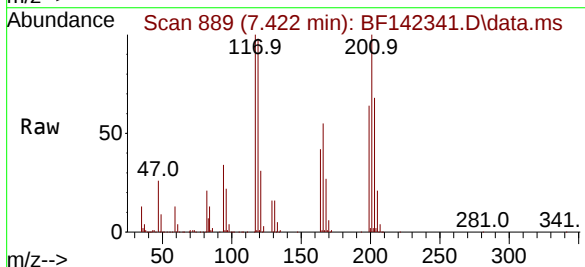


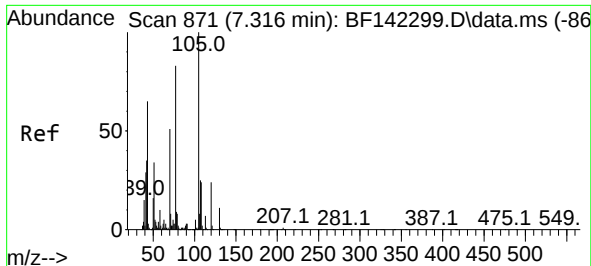
Tgt Ion:	107	Resp:	359385
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.1	136.7
77	43.6	34.7	52.1
79	43.4	34.5	51.7



#18
Hexachloroethane
Concen: 34.330 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:	117	Resp:	182886
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.9	115.3
201	99.8	78.0	117.0

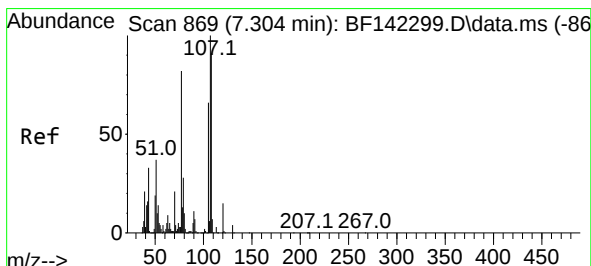
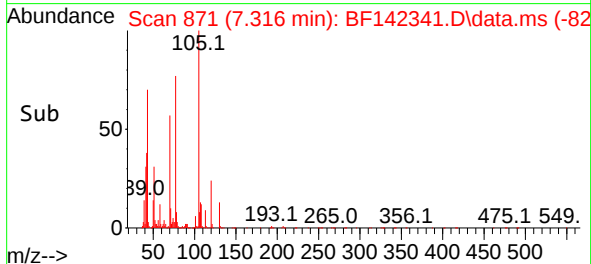
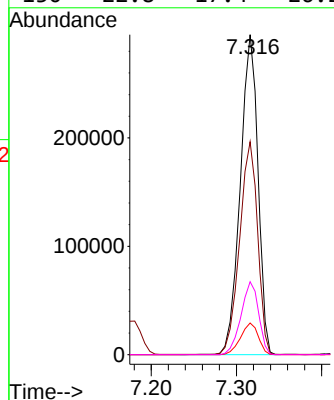
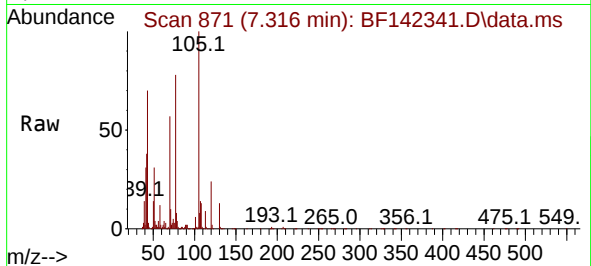




#19
n-Nitroso-di-n-propylamine
Concen: 42.924 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

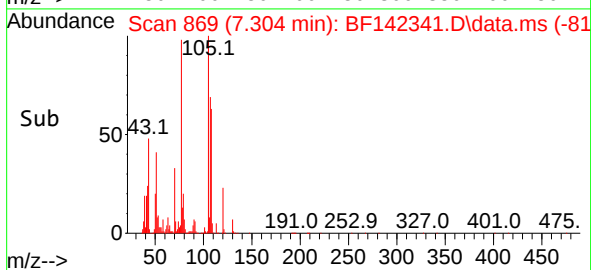
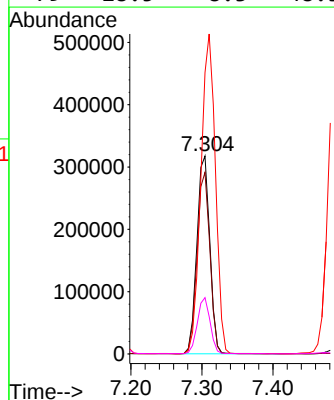
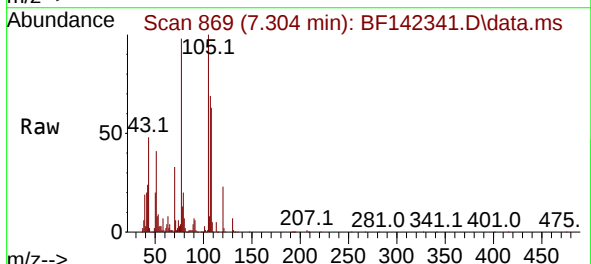
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

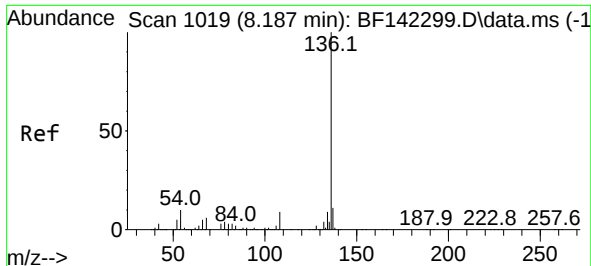
Tgt Ion: 70 Resp: 425960
Ion Ratio Lower Upper
70 100
42 66.5 54.8 82.2
101 9.9 7.7 11.5
130 22.8 17.4 26.2



#20
3+4-Methylphenols
Concen: 28.558 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion: 107 Resp: 402217
Ion Ratio Lower Upper
107 100
108 91.8 71.5 111.5
77 142.1 61.6 101.6#
79 28.5 8.3 48.3

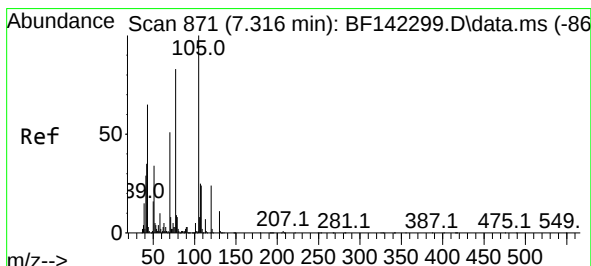
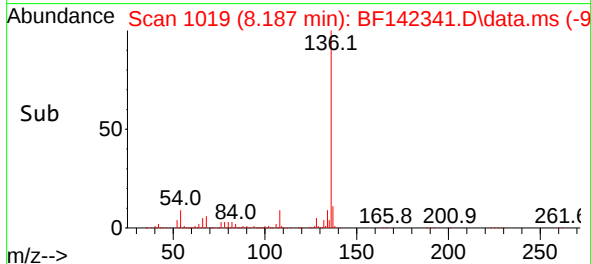
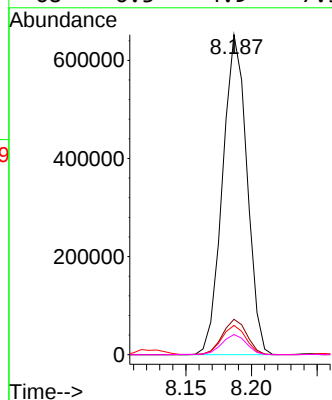
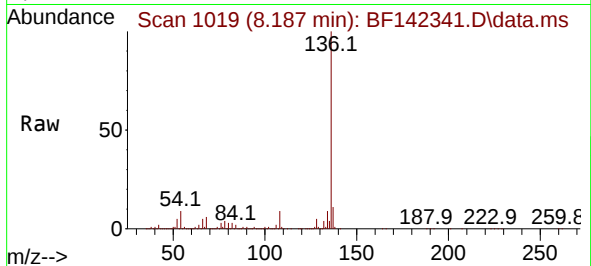




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

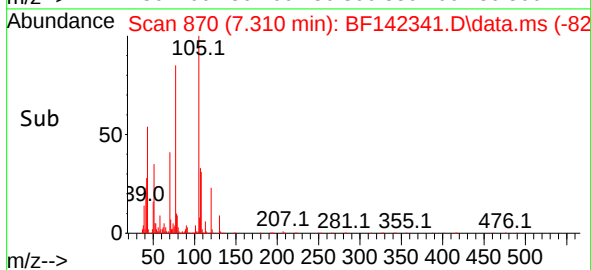
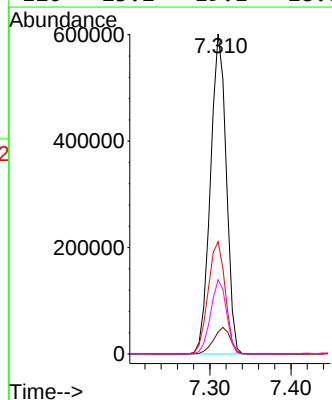
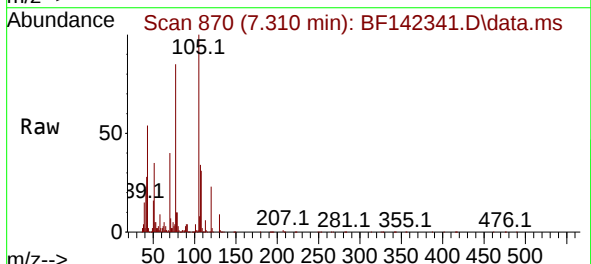
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

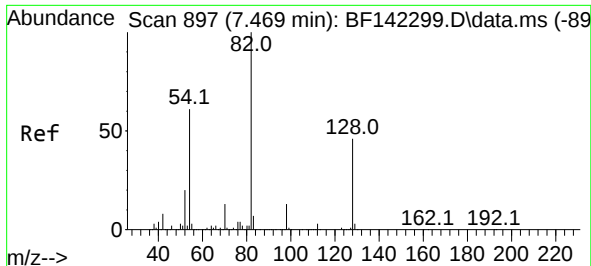
Tgt Ion:	136	Resp:	844135
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.2	7.7	11.5
68	6.3	4.9	7.3



#22
Acetophenone
Concen: 43.248 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:	105	Resp:	811717
Ion Ratio	Lower	Upper	
105	100		
71	6.8	6.7	10.1
51	35.1	27.6	41.4
120	23.2	19.1	28.7





#23

Nitrobenzene-d5

Concen: 86.244 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

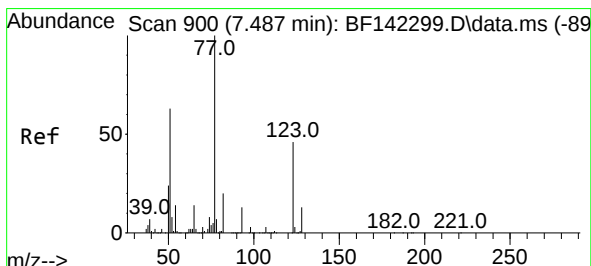
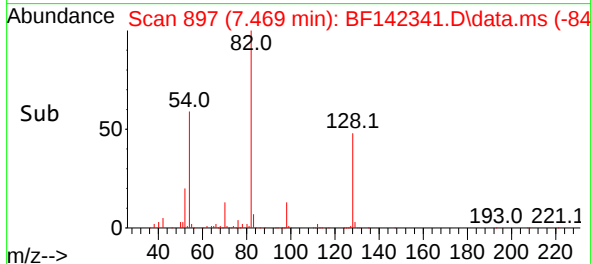
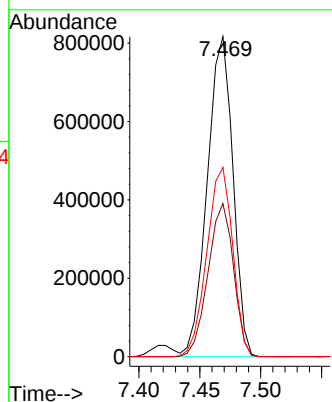
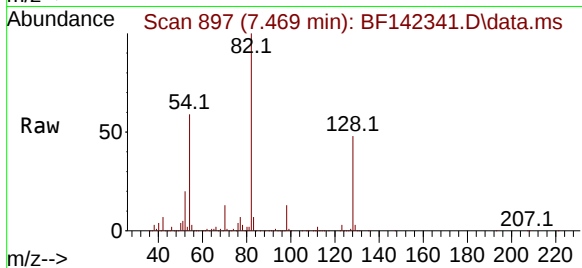
BNA_F

ClientSampleId :

MW-3-20250508MS

Tgt Ion: 82 Resp: 1193717

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.0	55.6
54	59.1	48.6	73.0



#24

Nitrobenzene

Concen: 46.347 ng

RT: 7.487 min Scan# 900

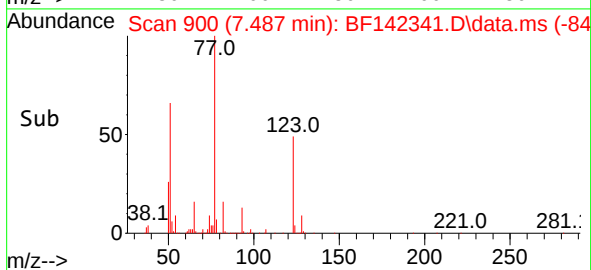
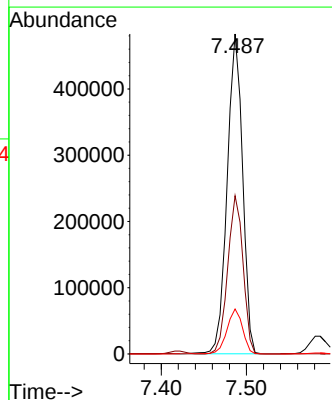
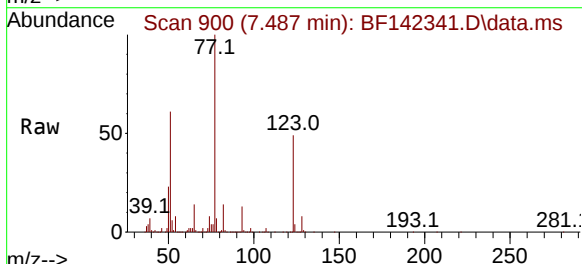
Delta R.T. -0.000 min

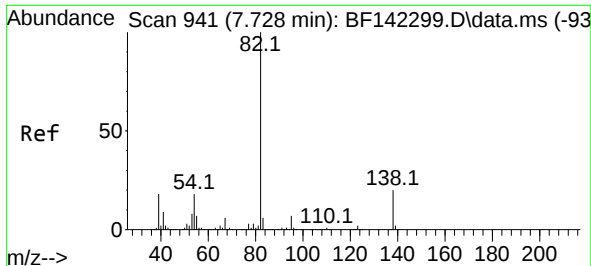
Lab File: BF142341.D

Acq: 13 May 2025 13:16

Tgt Ion: 77 Resp: 604693

Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.8	56.8
65	14.1	11.4	17.0

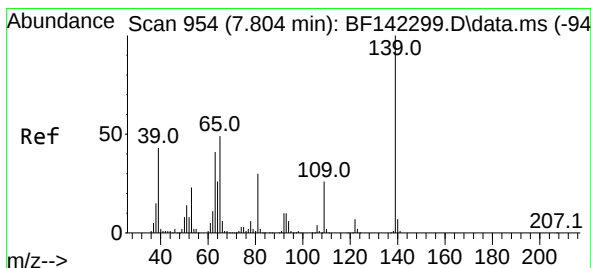
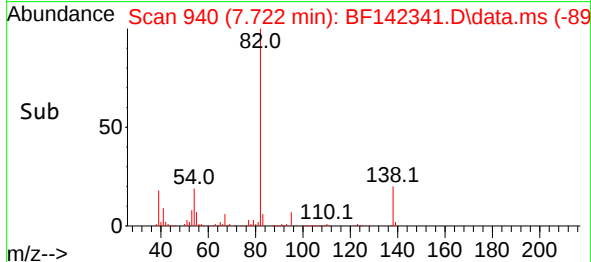
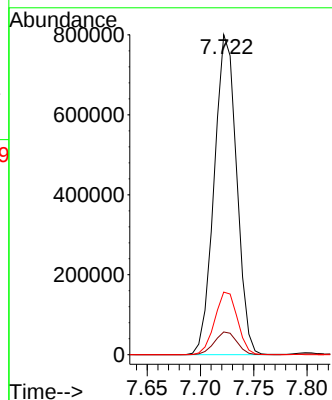
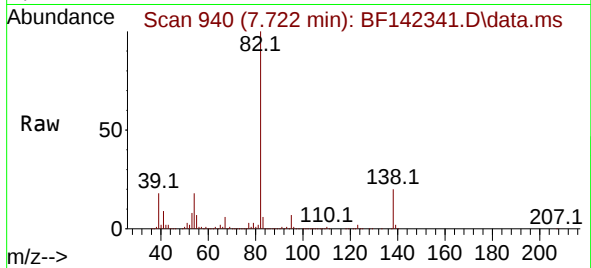




#25
Isophorone
Concen: 44.714 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

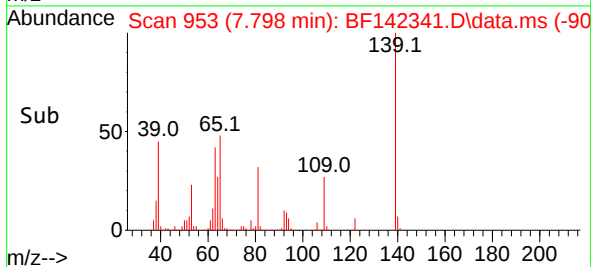
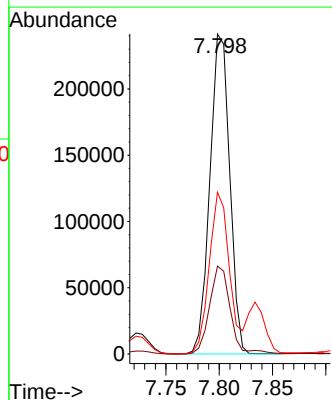
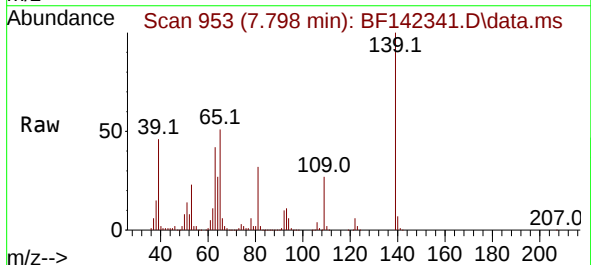
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

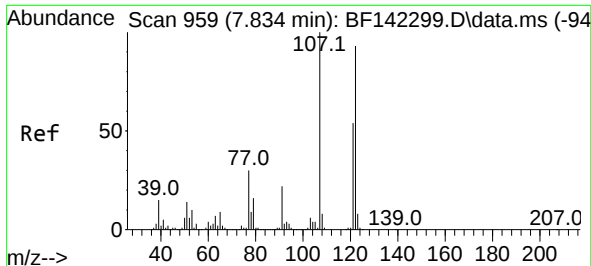
Tgt Ion: 82 Resp: 1171958
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 19.5 16.1 24.1



#26
2-Nitrophenol
Concen: 49.643 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:139 Resp: 313153
Ion Ratio Lower Upper
139 100
109 27.4 20.8 31.2
65 50.5 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 42.060 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142341.D

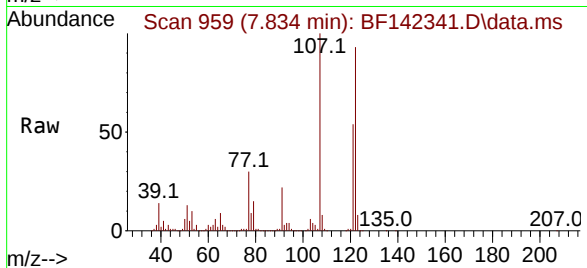
Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS



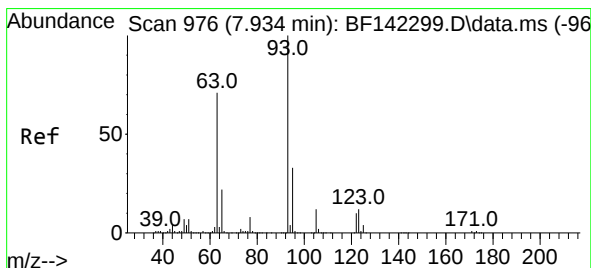
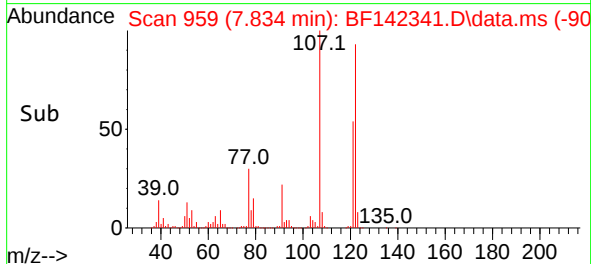
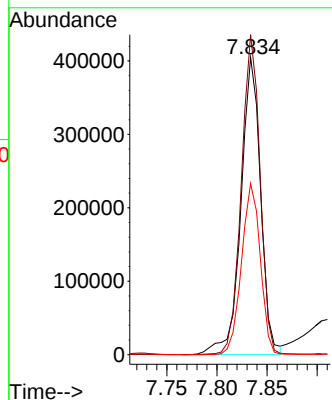
Tgt Ion:122 Resp: 554257

Ion Ratio Lower Upper

122 100

107 107.6 86.0 129.0

121 57.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.761 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

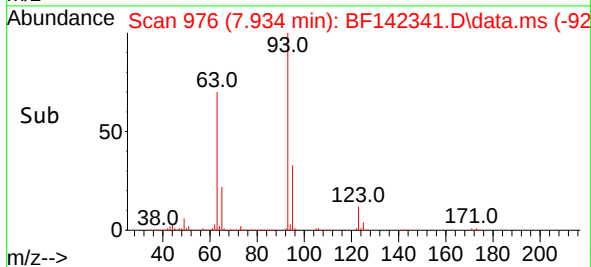
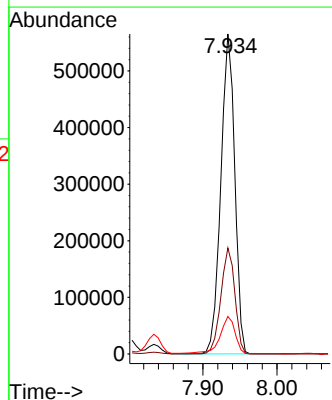
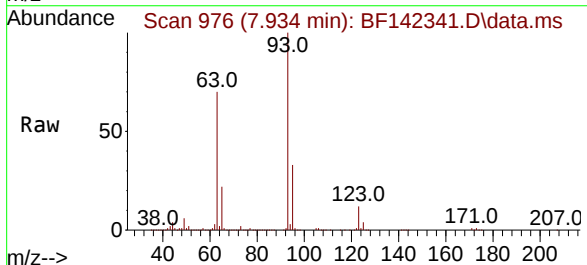
Tgt Ion: 93 Resp: 737527

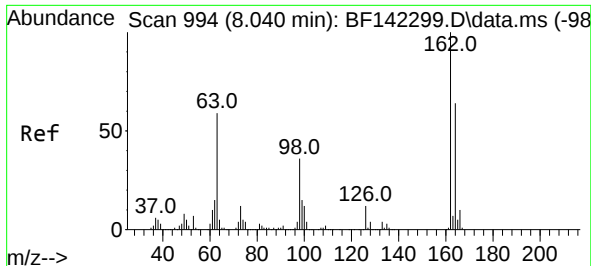
Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

123 11.7 10.2 15.4

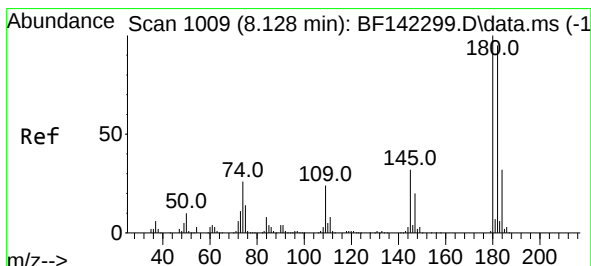
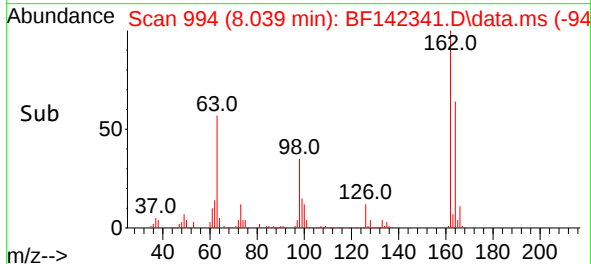
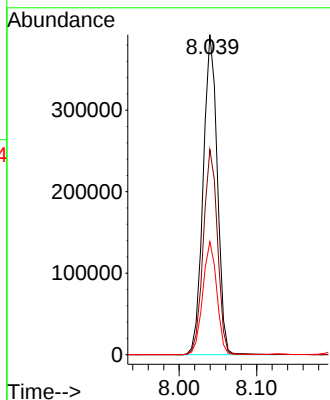
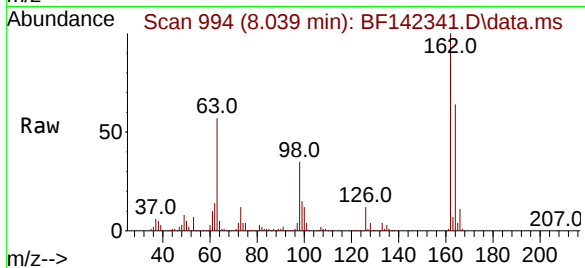




#29
2,4-Dichlorophenol
Concen: 44.462 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

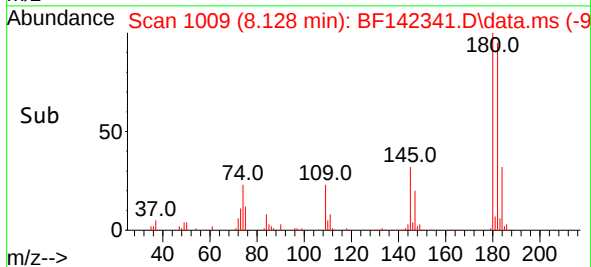
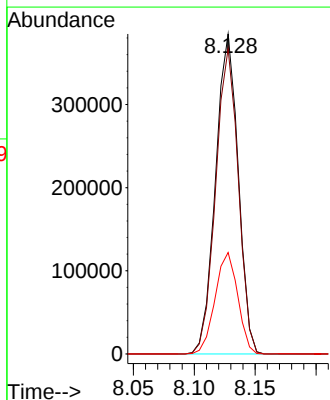
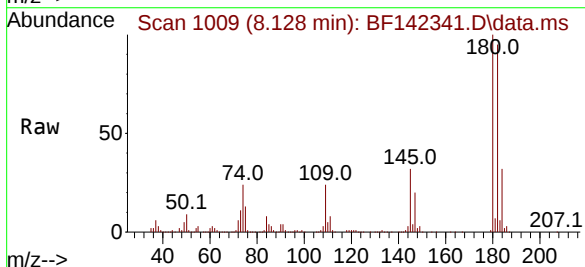
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

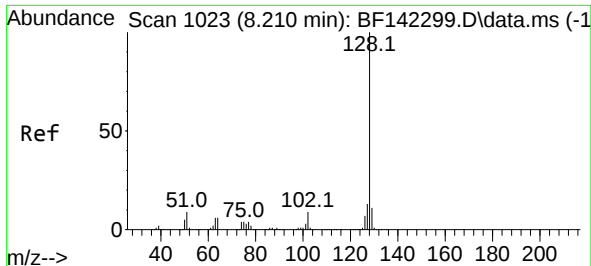
Tgt Ion:162 Resp: 498131
Ion Ratio Lower Upper
162 100
164 64.1 43.6 83.6
98 35.3 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 39.476 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:180 Resp: 497743
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.4
145 31.7 25.8 38.6

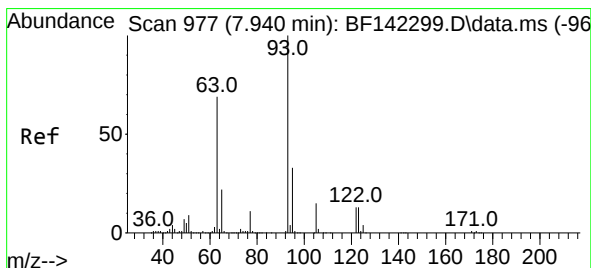
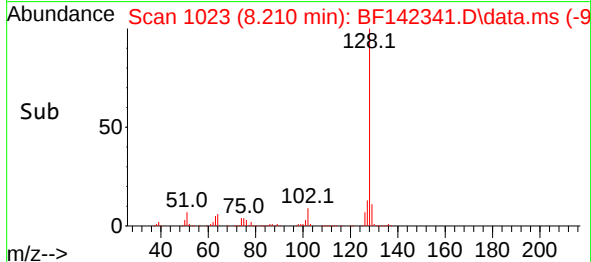
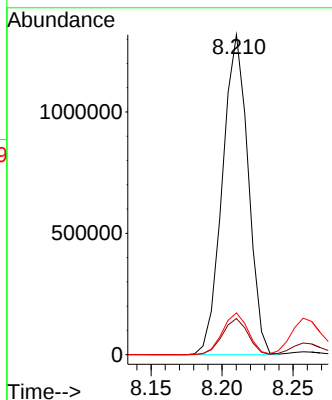
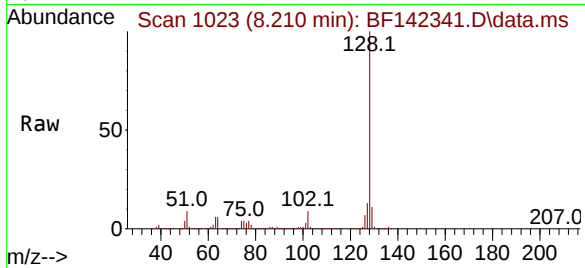




#31
Naphthalene
Concen: 40.600 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

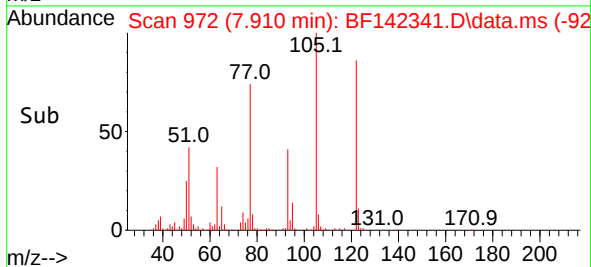
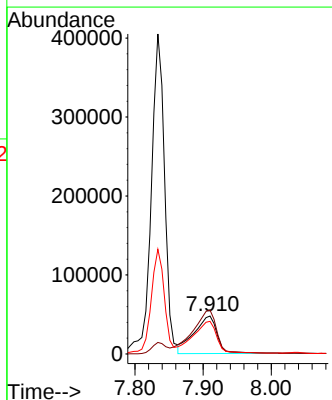
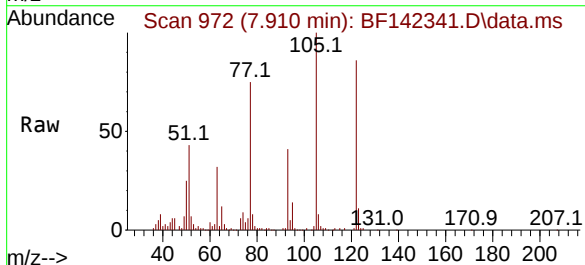
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

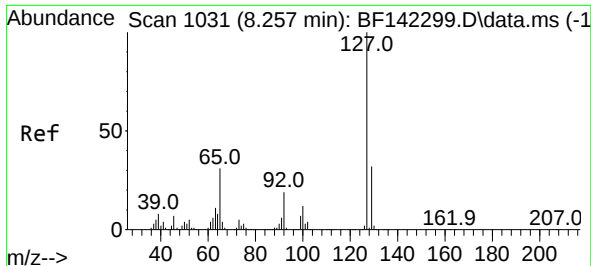
Tgt Ion:128 Resp: 1661033
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 21.421 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.030 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:122 Resp: 112899
Ion Ratio Lower Upper
122 100
105 115.8 97.9 137.9
77 86.3 67.7 107.7

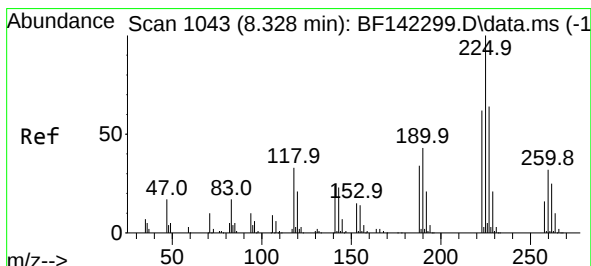
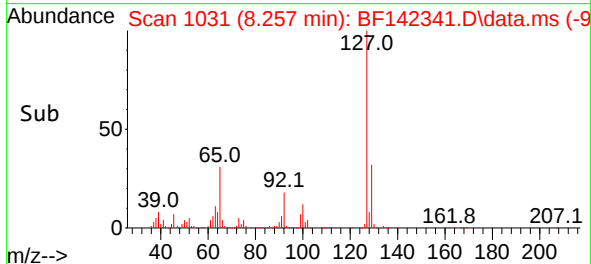
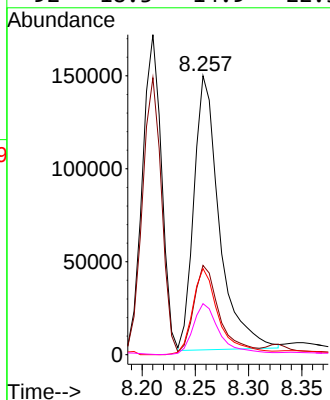
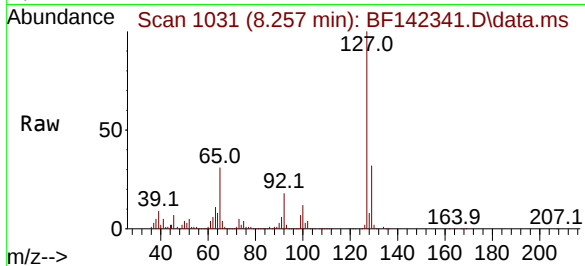




#33
4-Chloroaniline
Concen: 14.705 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.010 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

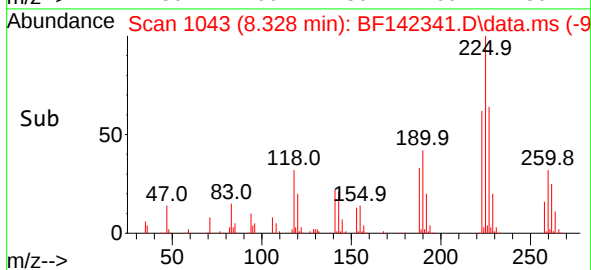
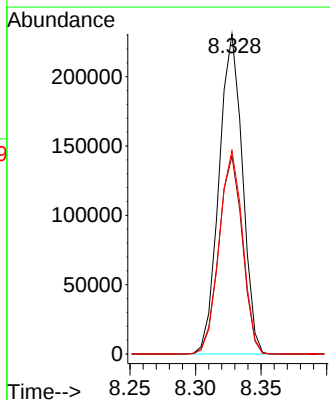
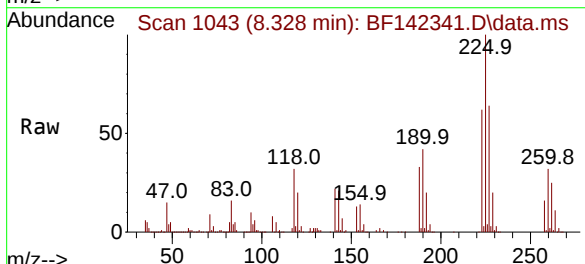
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:	127	Resp:	245480
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	30.9	24.9	37.3
92	18.3	14.9	22.3



#34
Hexachlorobutadiene
Concen: 38.355 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:	225	Resp:	286359
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.8	74.6
227	63.6	50.9	76.3

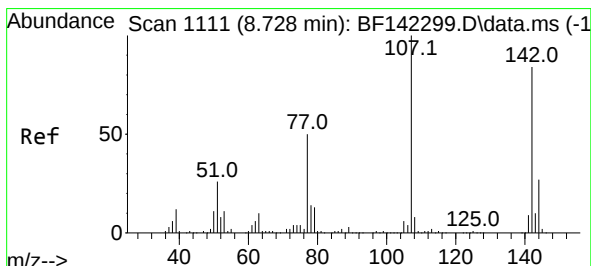
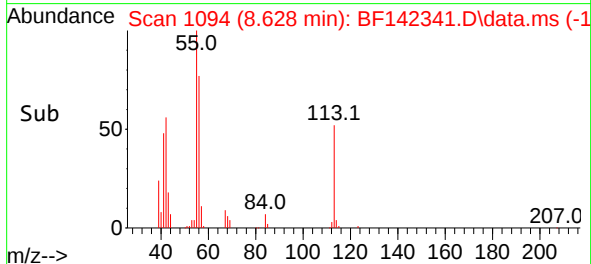
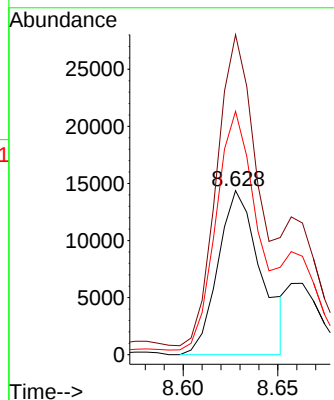
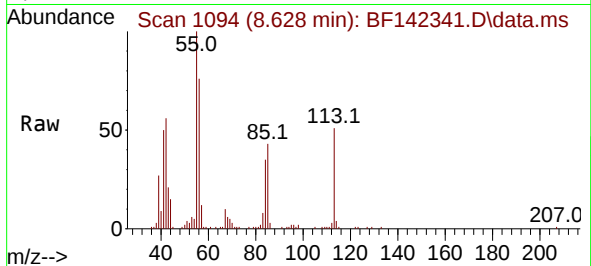




#35
 Caprolactam
 Concen: 6.923 ng
 RT: 8.628 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF142341.D
 Acq: 13 May 2025 13:16

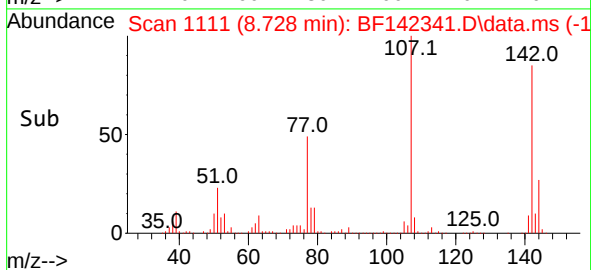
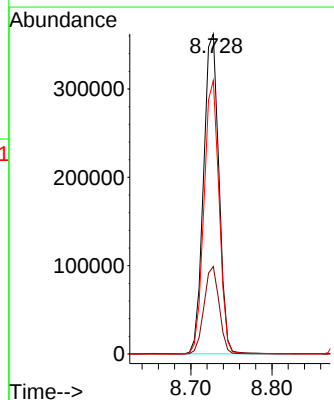
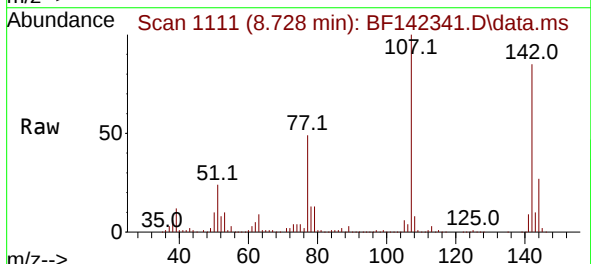
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MS

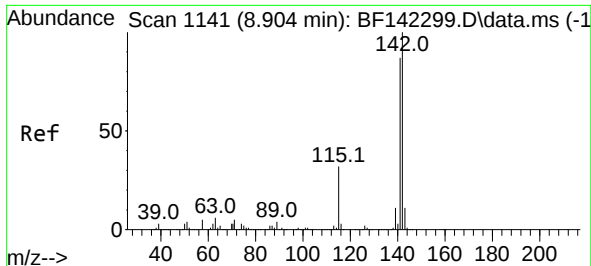
Tgt Ion:113 Resp: 22605
 Ion Ratio Lower Upper
 113 100
 55 195.1 176.4 216.4
 56 148.3 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.763 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF142341.D
 Acq: 13 May 2025 13:16

Tgt Ion:107 Resp: 474733
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.3 31.9
 142 85.4 66.9 100.3

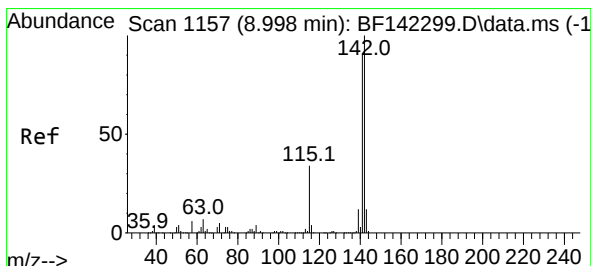
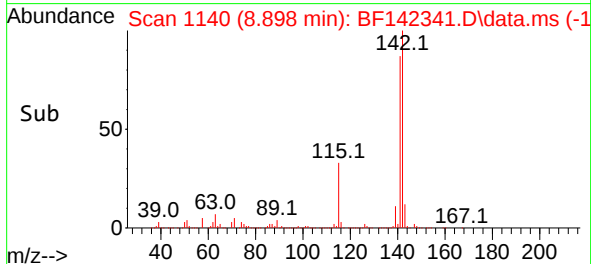
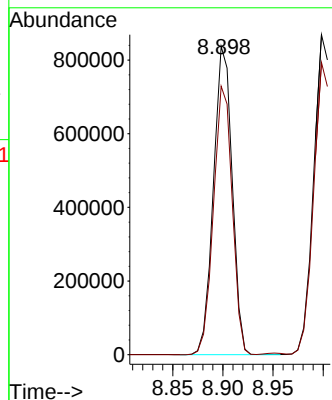
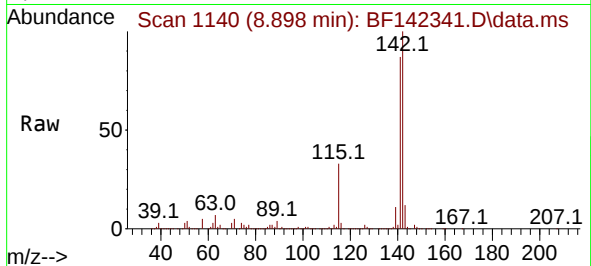




#37
2-Methylnaphthalene
Concen: 42.575 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

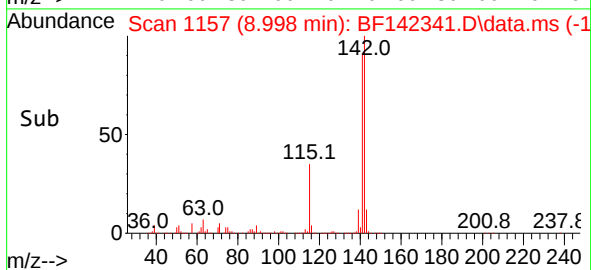
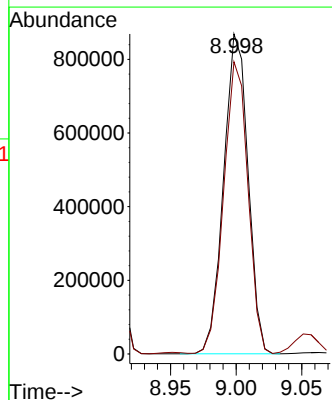
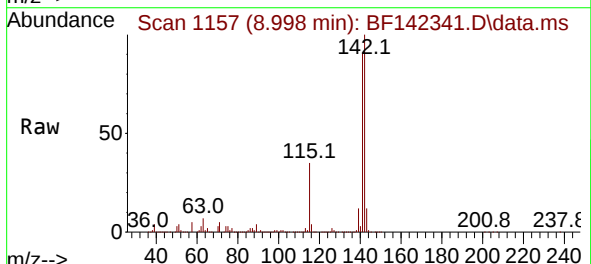
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

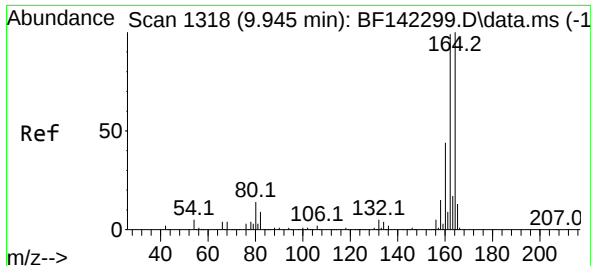
Tgt Ion:142 Resp: 1082318
Ion Ratio Lower Upper
142 100
141 87.1 69.4 104.2



#38
1-Methylnaphthalene
Concen: 42.400 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:142 Resp: 1123435
Ion Ratio Lower Upper
142 100
141 91.3 72.5 108.7

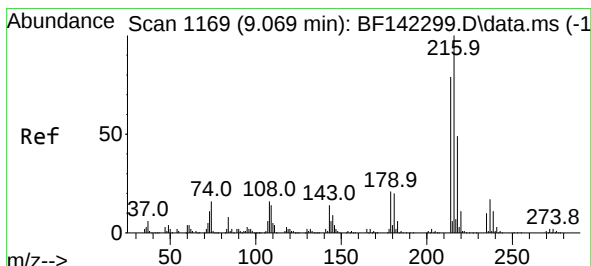
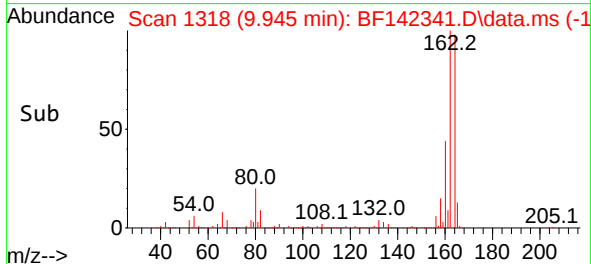
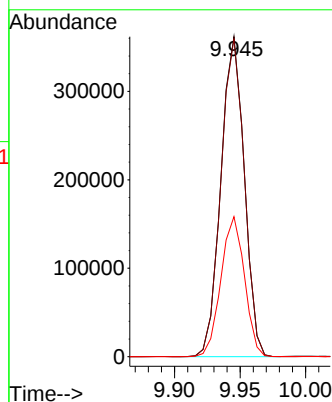
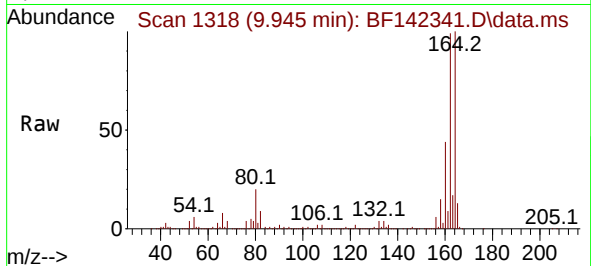




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

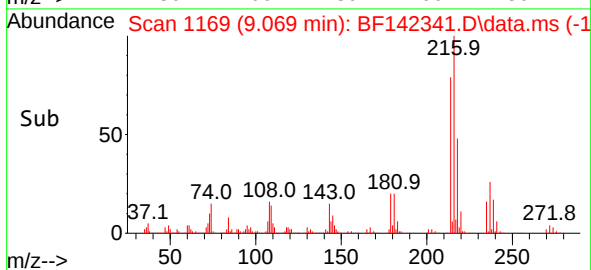
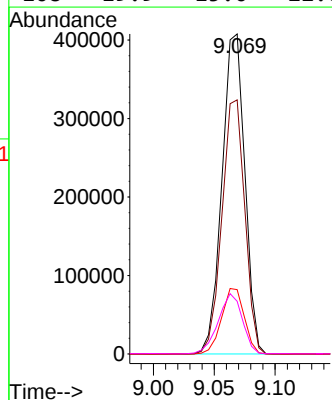
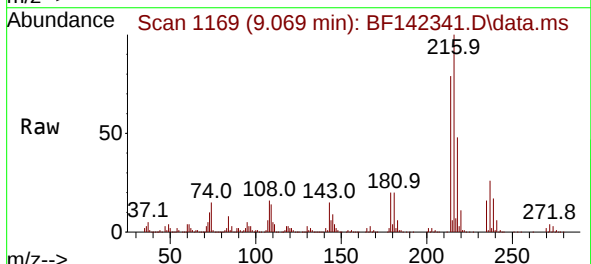
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:164 Resp: 448767
Ion Ratio Lower Upper
164 100
162 99.3 79.2 118.8
160 43.7 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.528 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:216 Resp: 533036
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.6
179 20.4 17.0 25.6
108 19.9 15.0 22.6

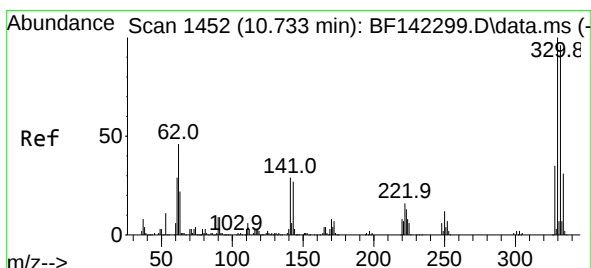
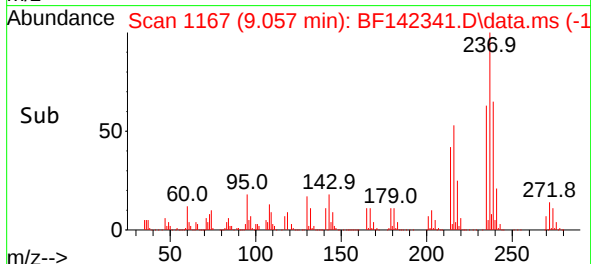
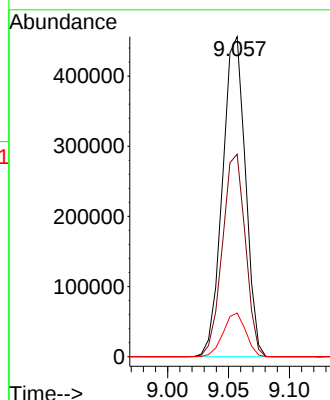
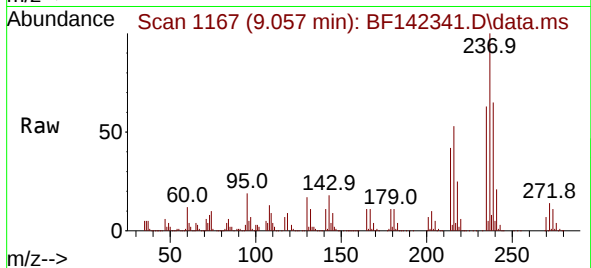




#41
Hexachlorocyclopentadiene
Concen: 77.084 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

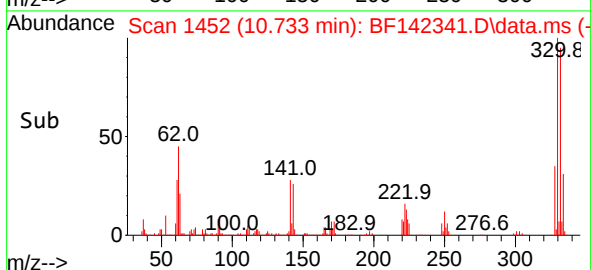
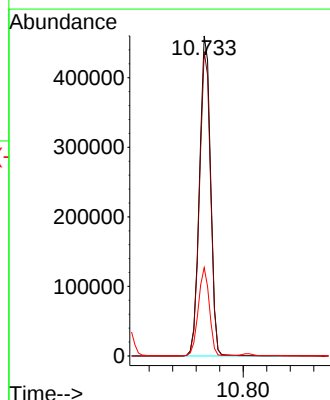
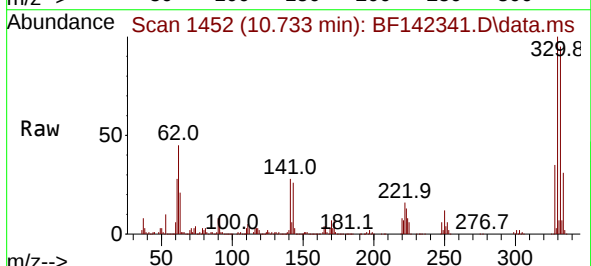
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

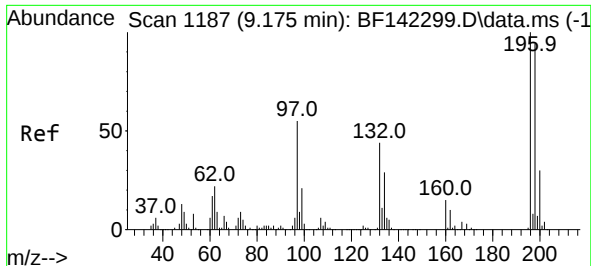
Tgt Ion:237 Resp: 597101
Ion Ratio Lower Upper
237 100
235 63.3 42.8 82.8
272 13.6 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 138.944 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

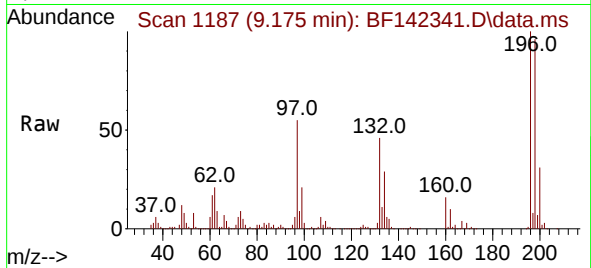
Tgt Ion:330 Resp: 602013
Ion Ratio Lower Upper
330 100
332 95.1 76.8 115.2
141 27.3 24.9 37.3



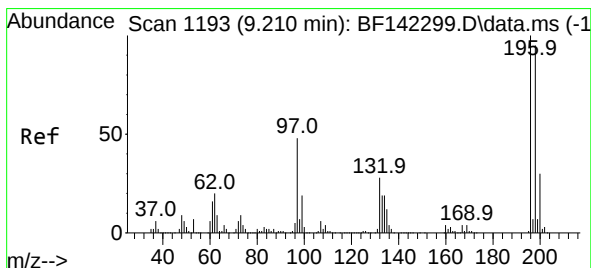
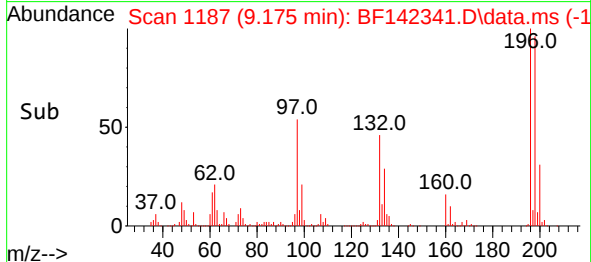
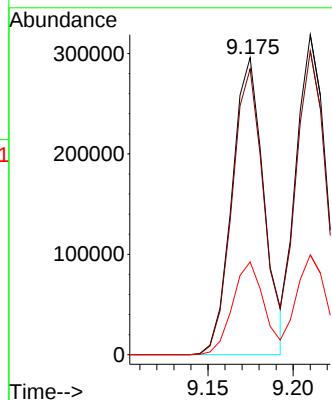


#43
 2,4,6-Trichlorophenol
 Concen: 48.705 ng
 RT: 9.175 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BF142341.D
 Acq: 13 May 2025 13:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MS

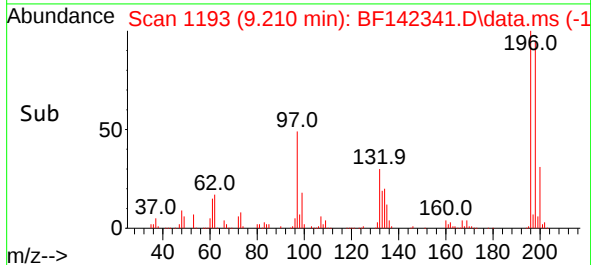
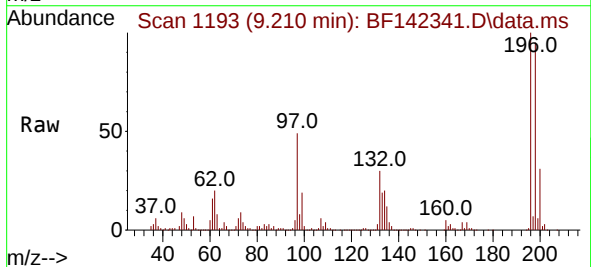
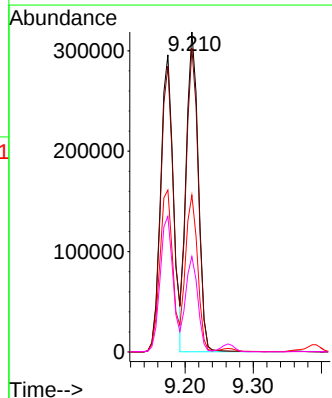


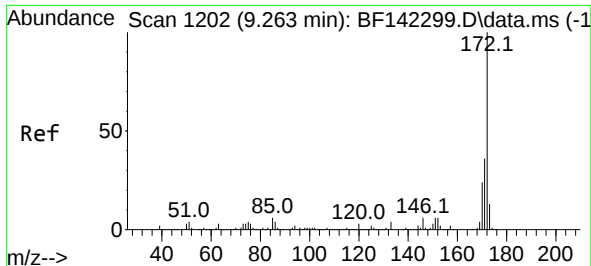
Tgt Ion:196 Resp: 385055
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.4 113.0
 200 31.2 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 46.238 ng
 RT: 9.210 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: BF142341.D
 Acq: 13 May 2025 13:16

Tgt Ion:196 Resp: 388948
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.1 114.1
 97 49.0 39.0 58.4
 132 29.8 23.3 34.9

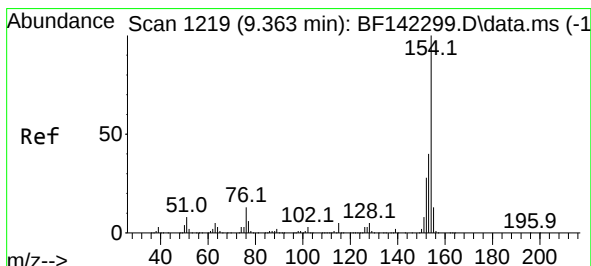
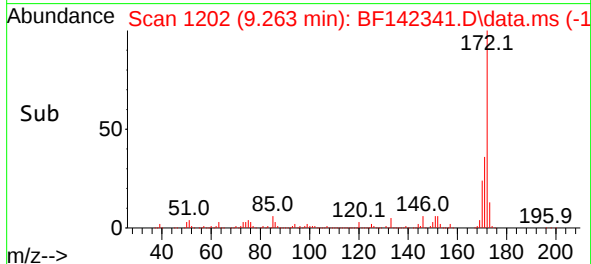
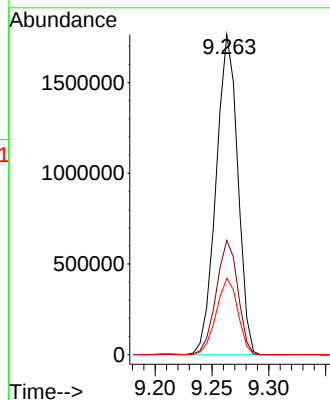
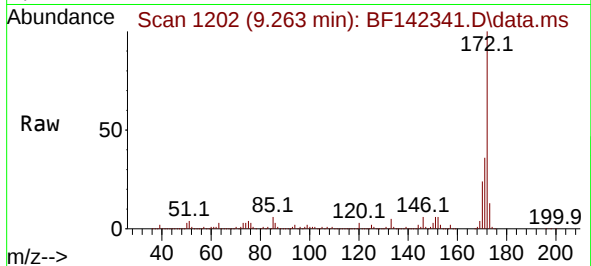




#45
2-Fluorobiphenyl
Concen: 74.453 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

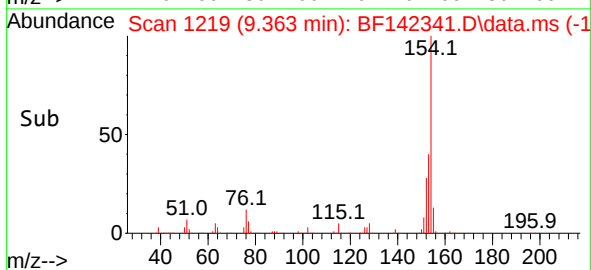
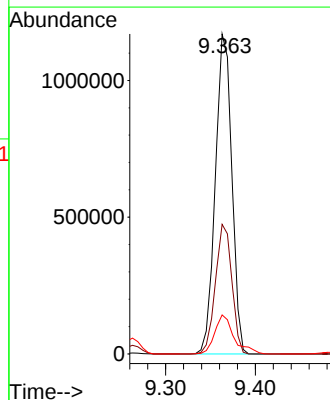
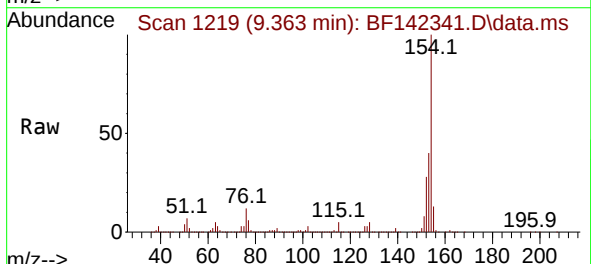
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

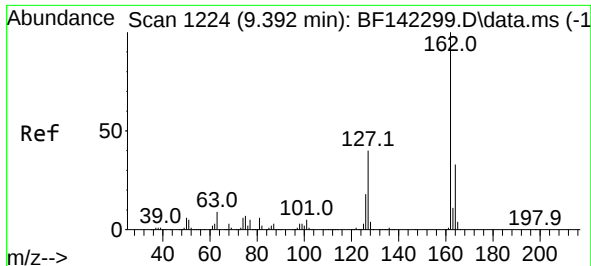
Tgt Ion:172 Resp: 2343262
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.320 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:154 Resp: 1490605
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 12.2 0.0 32.8

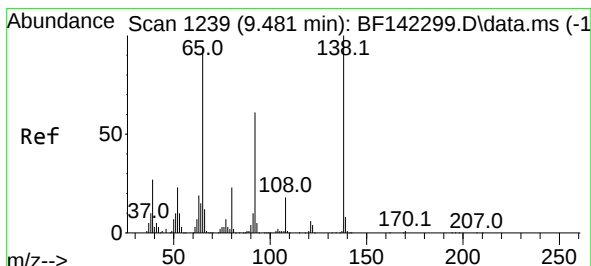
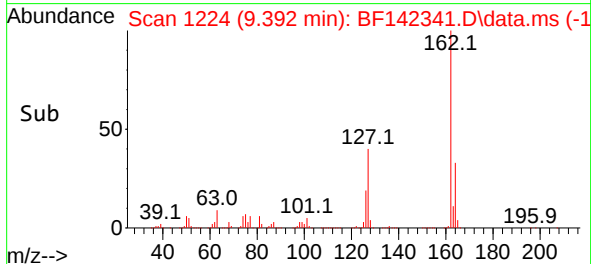
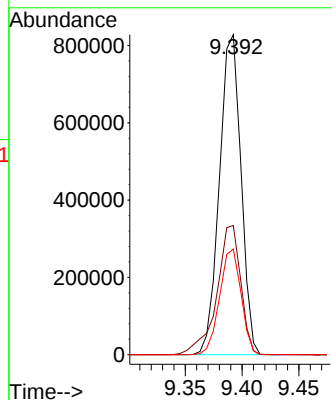
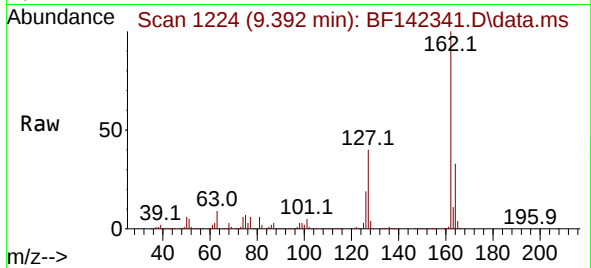




#47
2-Chloronaphthalene
Concen: 42.843 ng
RT: 9.392 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

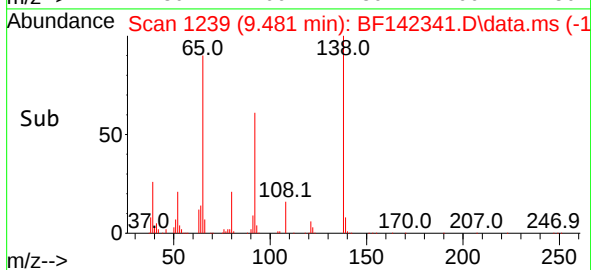
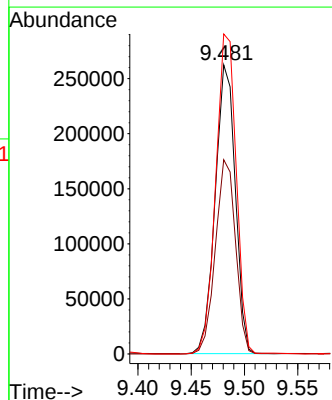
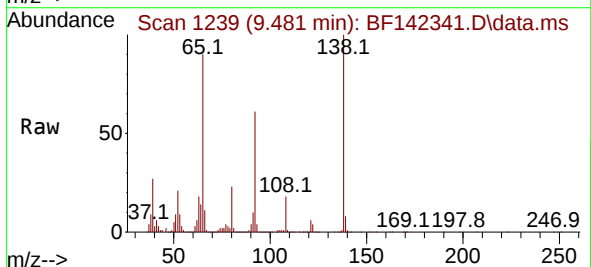
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

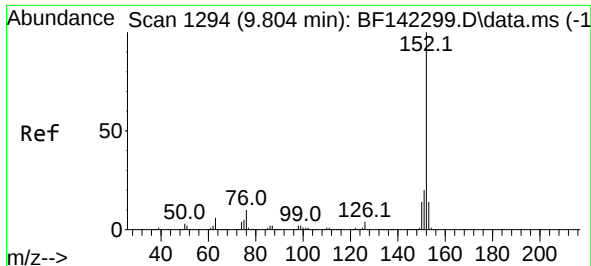
Tgt Ion:162 Resp: 1096312
Ion Ratio Lower Upper
162 100
127 40.4 32.3 48.5
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 52.415 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion: 65 Resp: 343788
Ion Ratio Lower Upper
65 100
92 67.2 52.3 78.5
138 110.7 85.6 128.4





#49

Acenaphthylene

Concen: 43.046 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

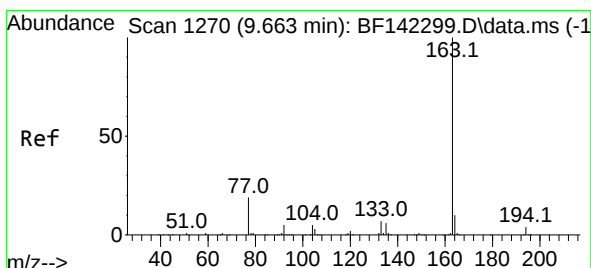
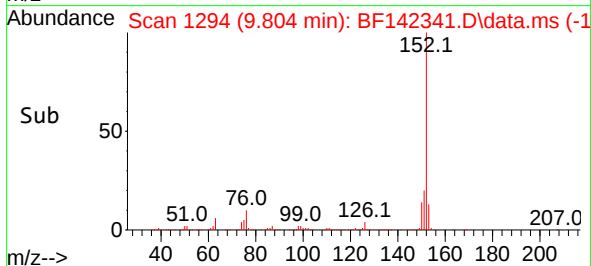
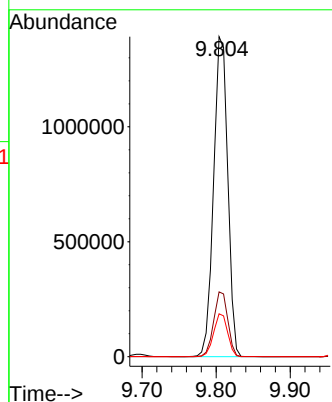
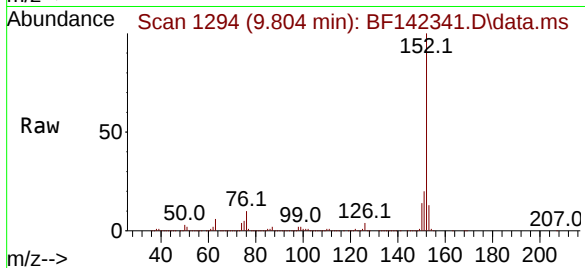
Tgt Ion:152 Resp: 1842685

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 46.488 ng

RT: 9.669 min Scan# 1271

Delta R.T. 0.006 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

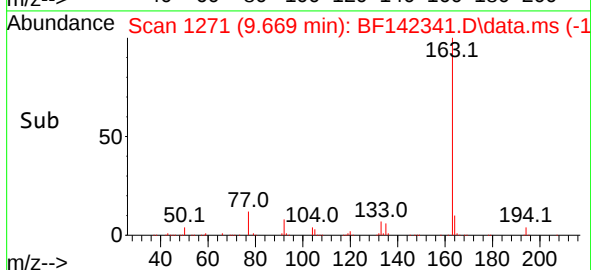
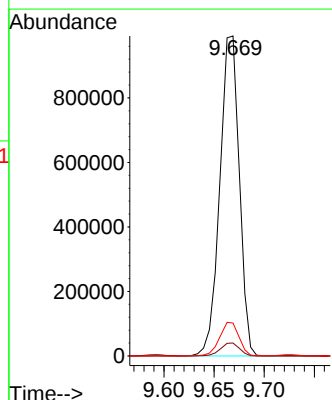
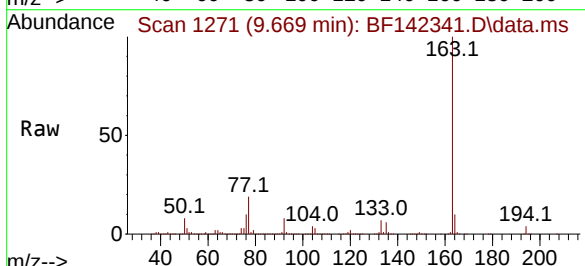
Tgt Ion:163 Resp: 1339615

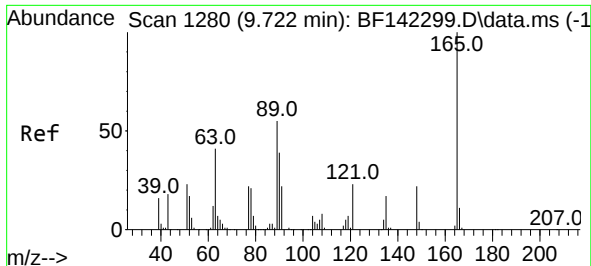
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.3 8.3 12.5

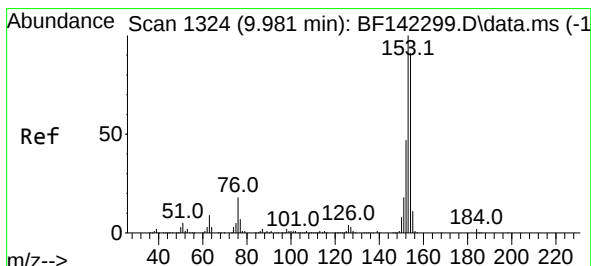
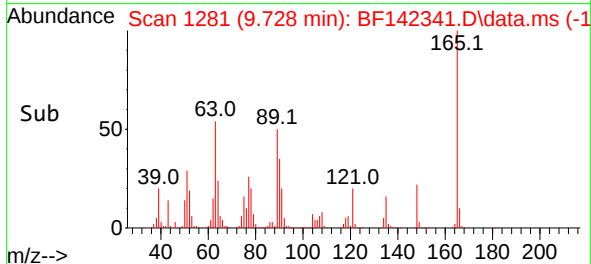
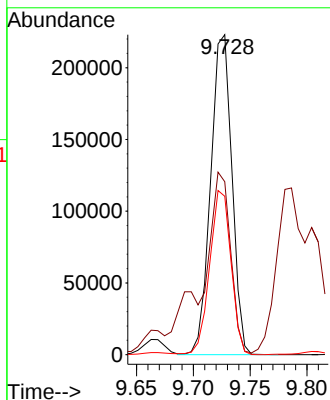
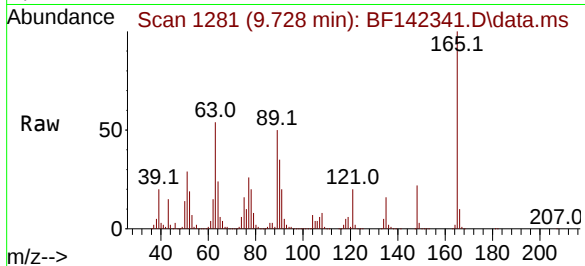




#51
2,6-Dinitrotoluene
Concen: 53.853 ng
RT: 9.728 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

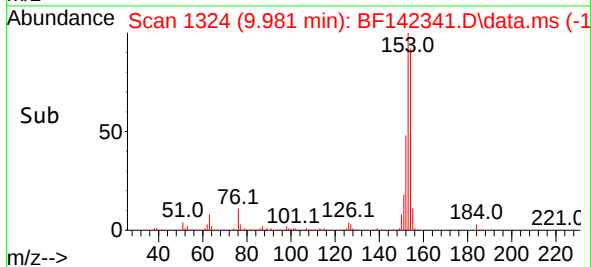
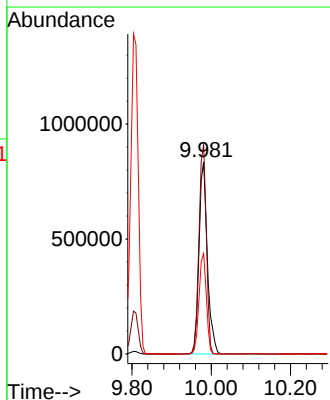
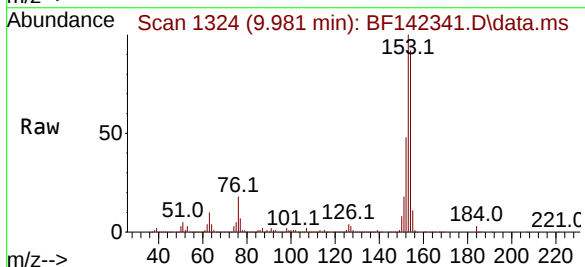
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

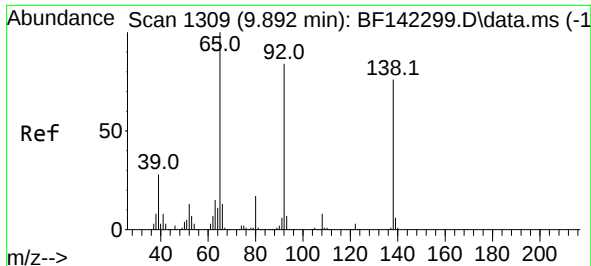
Tgt Ion:165 Resp: 290481
Ion Ratio Lower Upper
165 100
63 54.1 49.5 74.3
89 49.5 44.6 66.8



#52
Acenaphthene
Concen: 47.501 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:154 Resp: 1222632
Ion Ratio Lower Upper
154 100
153 109.1 88.0 132.0
152 52.3 41.6 62.4

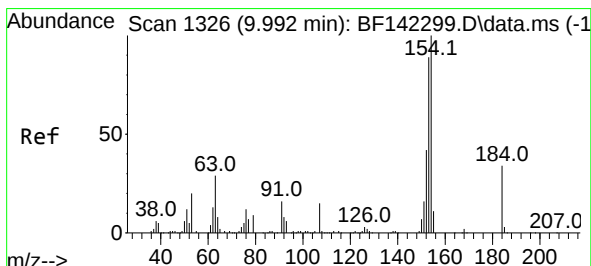
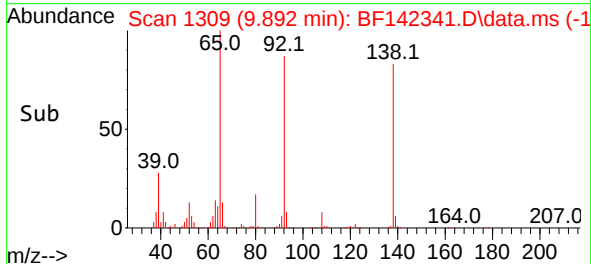
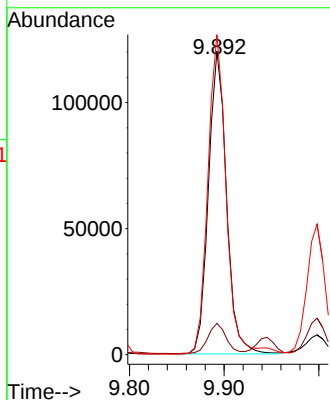
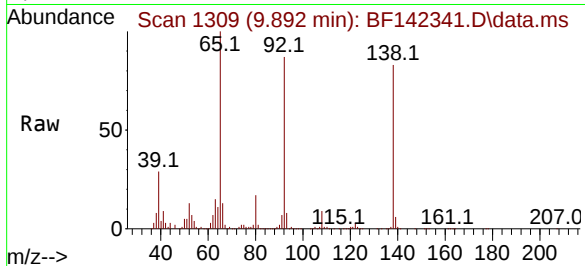




#53
3-Nitroaniline
Concen: 25.181 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

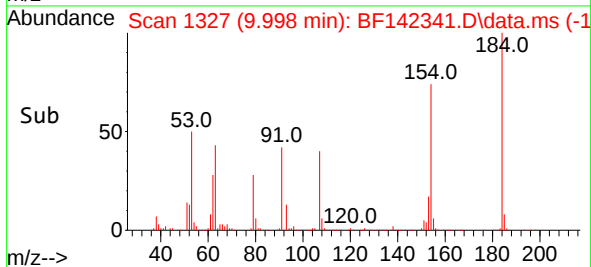
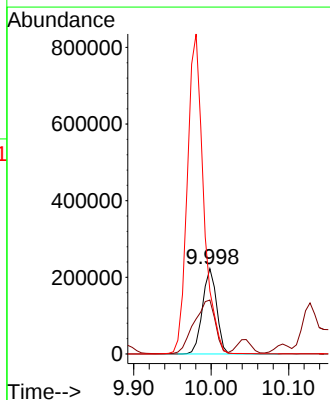
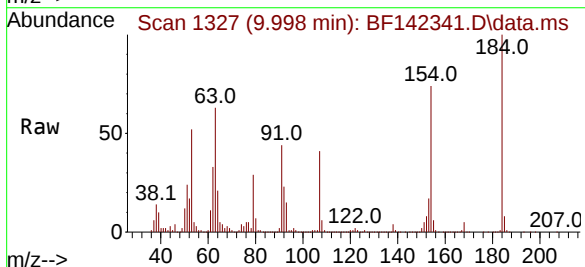
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

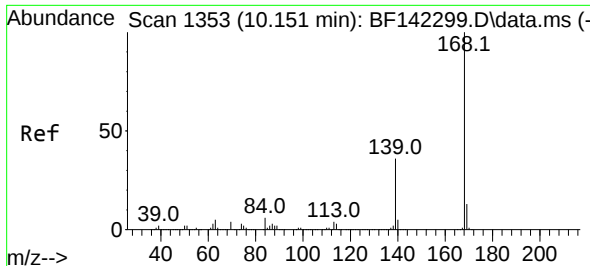
Tgt Ion:138 Resp: 159295
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 105.4 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 98.536 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:184 Resp: 283601
Ion Ratio Lower Upper
184 100
63 63.2 70.6 105.8#
154 74.0 257.2 385.8#

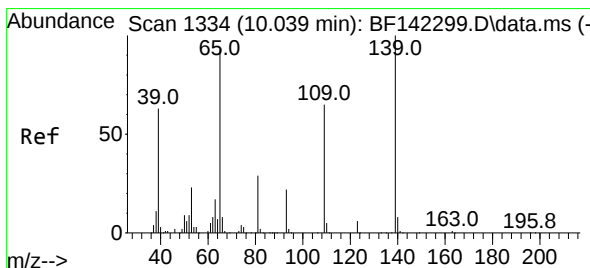
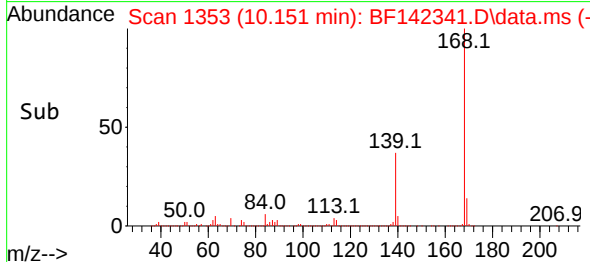
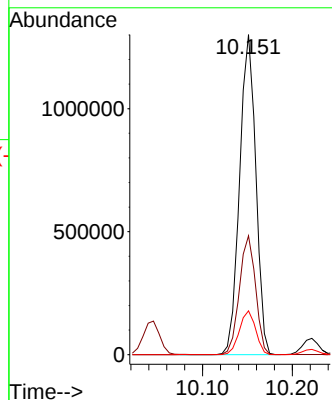
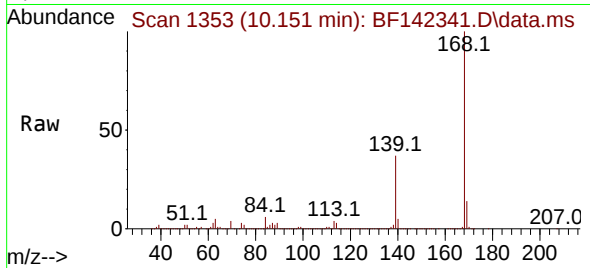




#55
Dibenzofuran
Concen: 42.948 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

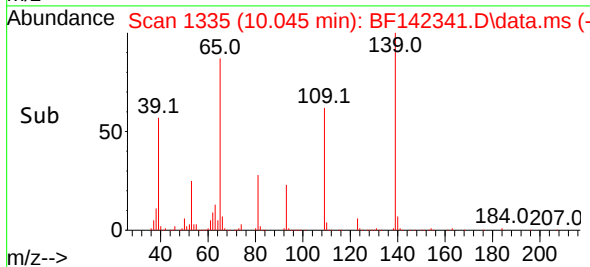
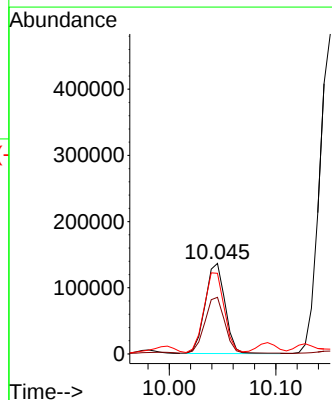
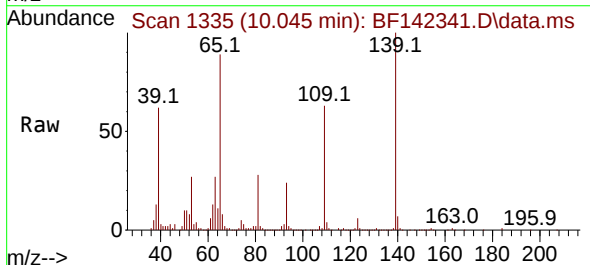
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

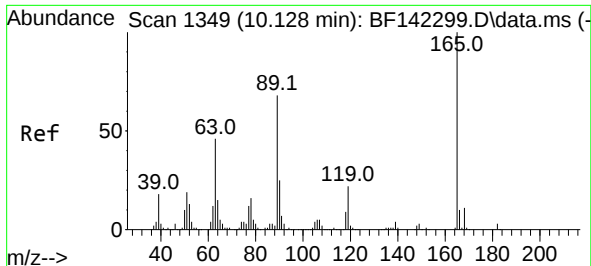
Tgt Ion:168 Resp: 1631429
Ion Ratio Lower Upper
168 100
139 37.2 29.0 43.4
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 36.953 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:139 Resp: 175940
Ion Ratio Lower Upper
139 100
109 62.5 45.3 85.3
65 89.1 73.9 113.9

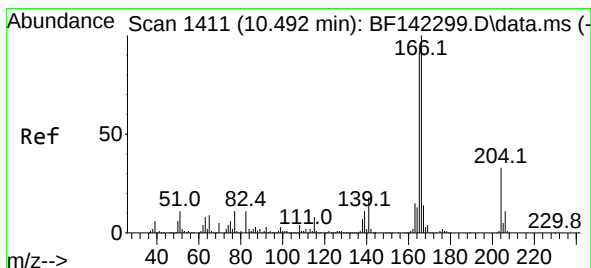
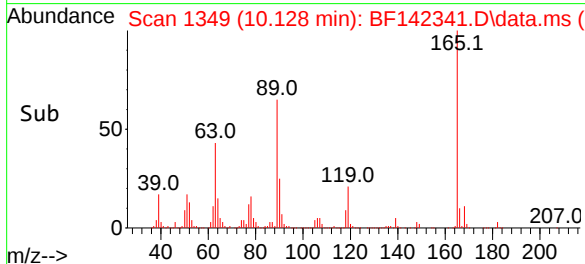
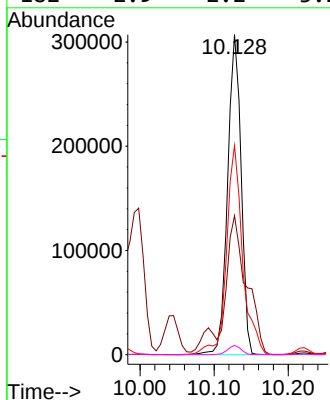
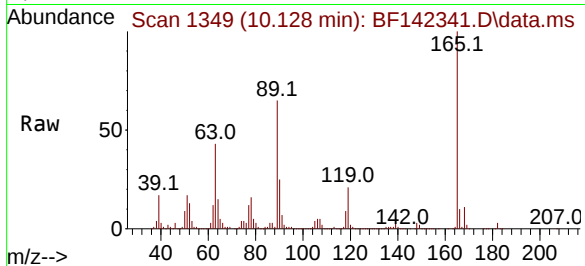




#57
2,4-Dinitrotoluene
Concen: 56.057 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

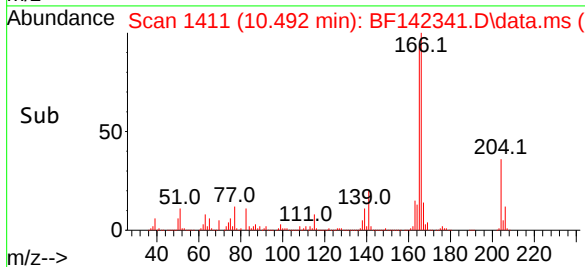
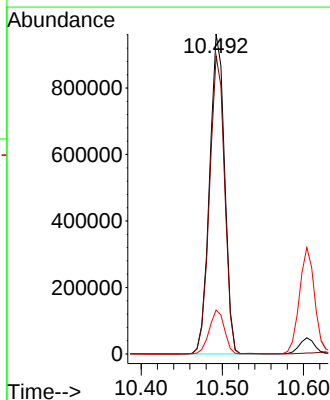
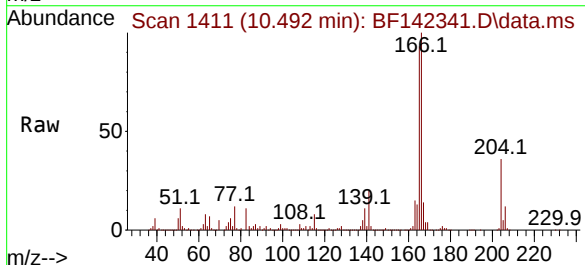
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

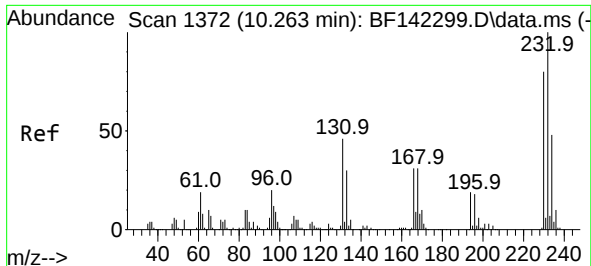
Tgt Ion:165 Resp: 387857
Ion Ratio Lower Upper
165 100
63 43.4 37.1 55.7
89 65.4 54.4 81.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 42.585 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:166 Resp: 1234531
Ion Ratio Lower Upper
166 100
165 93.2 74.0 111.0
167 13.8 10.9 16.3

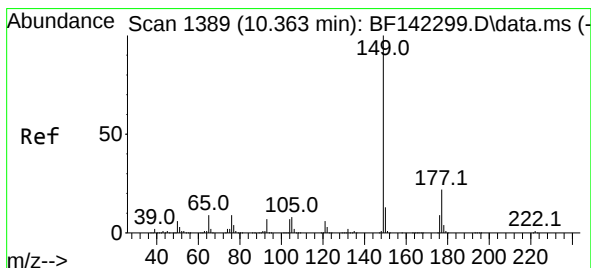
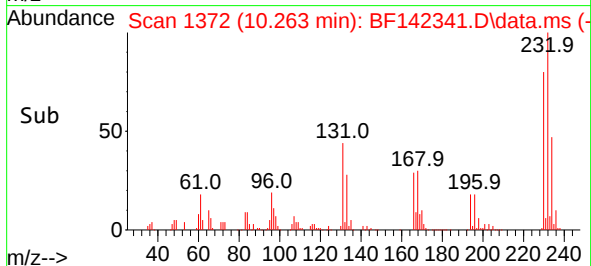
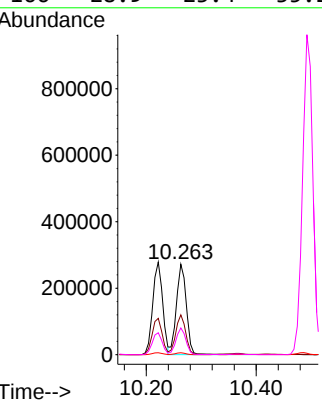
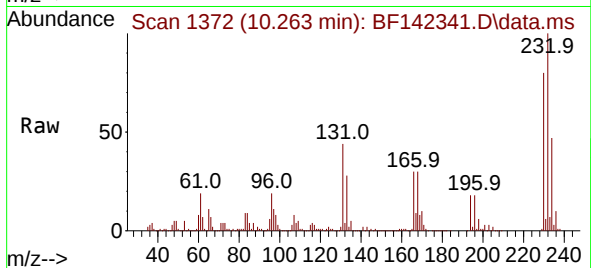




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.092 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

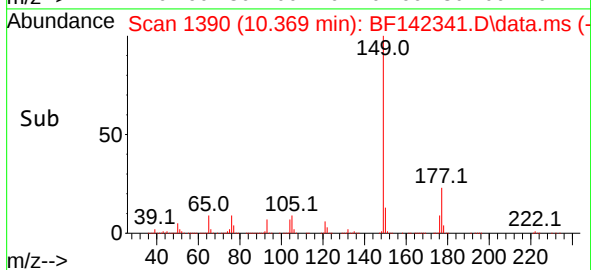
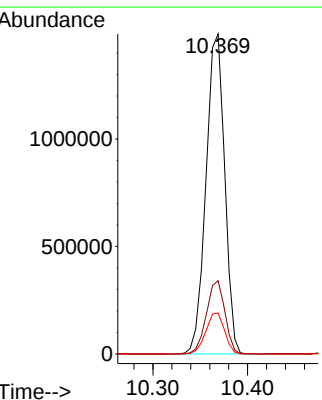
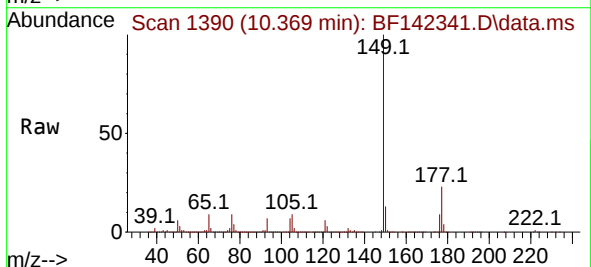
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

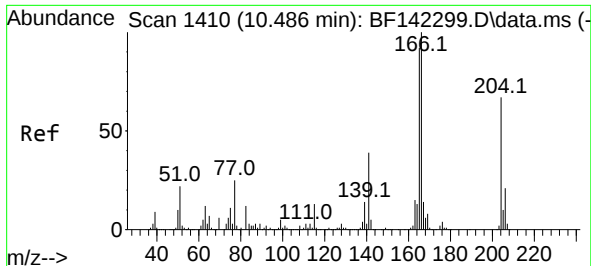
Tgt Ion:232 Resp: 340901
Ion Ratio Lower Upper
232 100
131 43.2 36.0 54.0
130 2.0 1.8 2.6
166 28.9 23.4 35.2



#60
Diethylphthalate
Concen: 70.938 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:149 Resp: 2041429
Ion Ratio Lower Upper
149 100
177 22.9 17.6 26.4
150 12.8 10.1 15.1

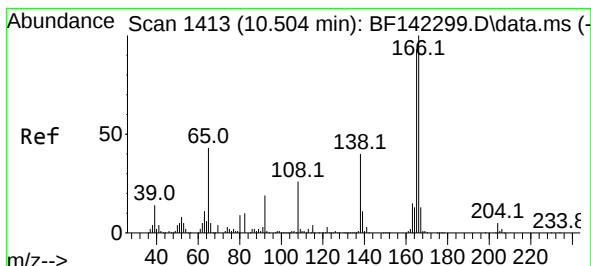
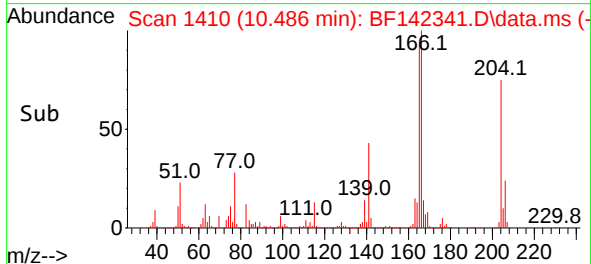
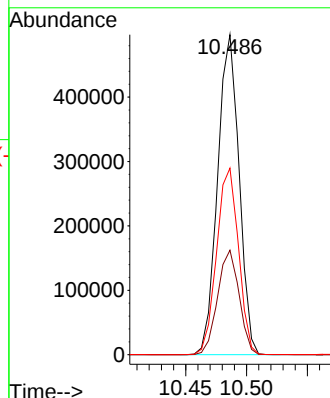
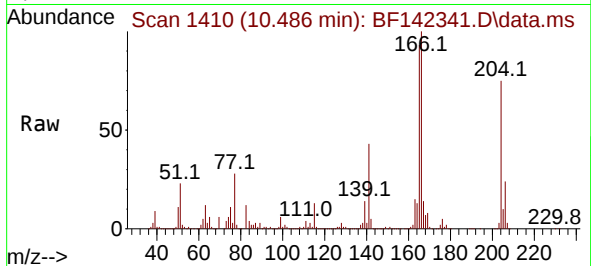




#61
4-Chlorophenyl-phenylether
Concen: 43.597 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

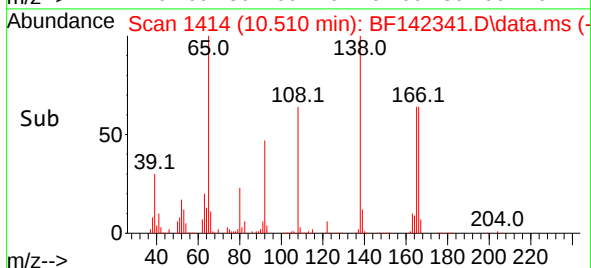
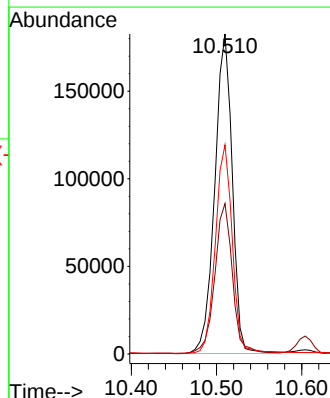
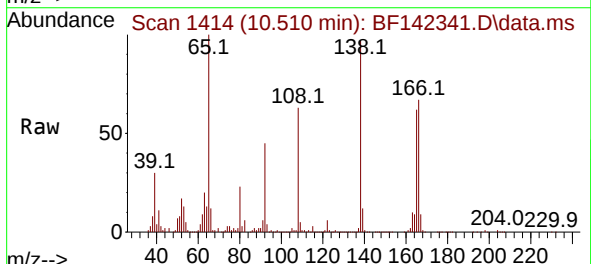
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

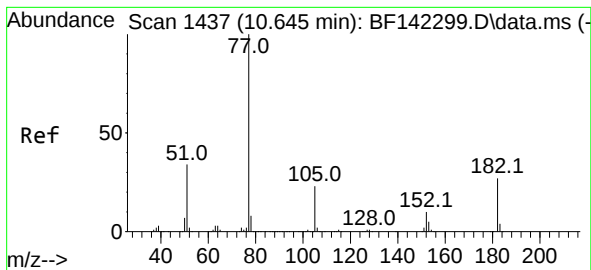
Tgt Ion:204 Resp: 609755
Ion Ratio Lower Upper
204 100
206 32.6 25.5 38.3
141 58.3 46.4 69.6



#62
4-Nitroaniline
Concen: 51.925 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:138 Resp: 260342
Ion Ratio Lower Upper
138 100
92 47.0 27.3 67.3
108 65.3 45.1 85.1





#63

Azobenzene

Concen: 44.991 ng

RT: 10.645 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

Tgt Ion: 77 Resp: 1237241

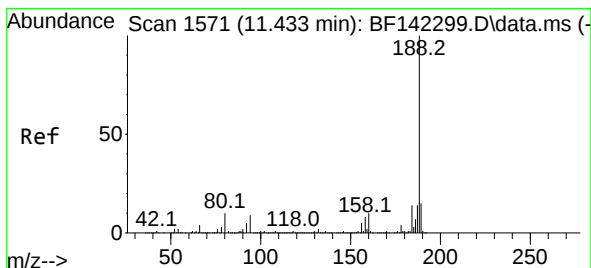
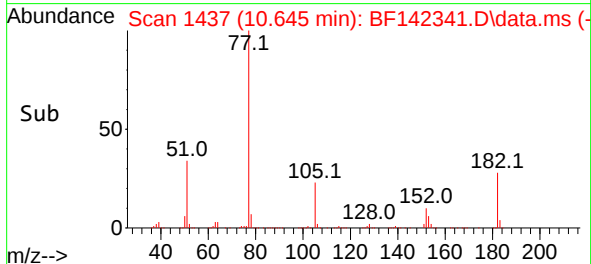
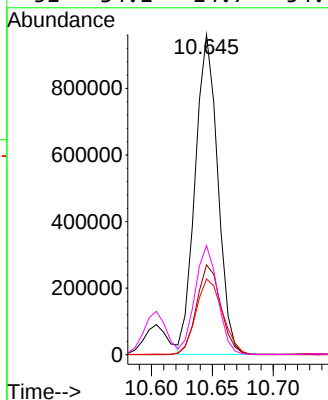
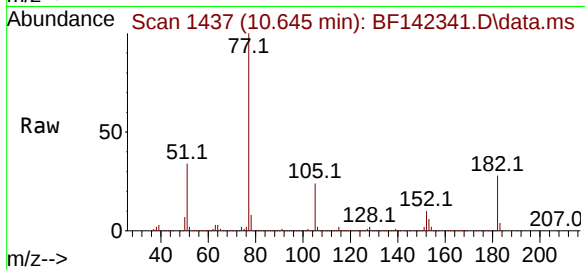
Ion Ratio Lower Upper

77 100

182 28.0 6.9 46.9

105 23.7 2.7 42.7

51 34.1 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

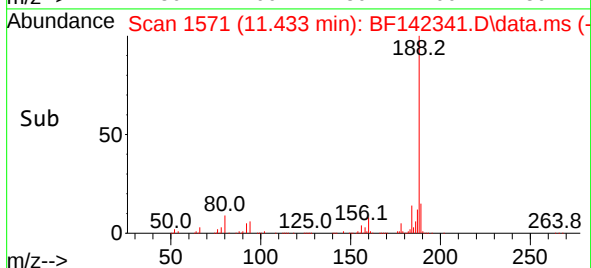
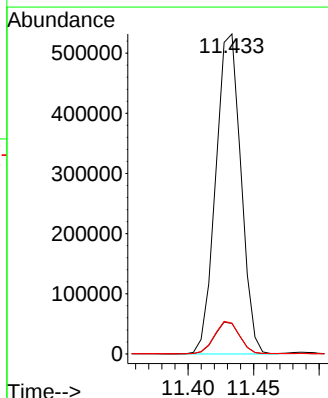
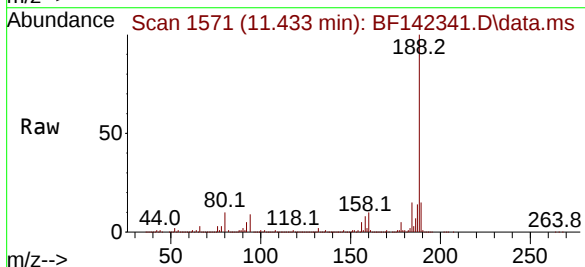
Tgt Ion:188 Resp: 711096

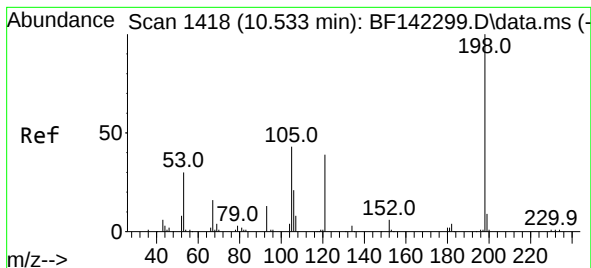
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.6 7.9 11.9

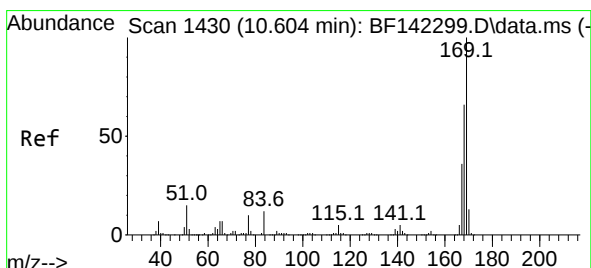
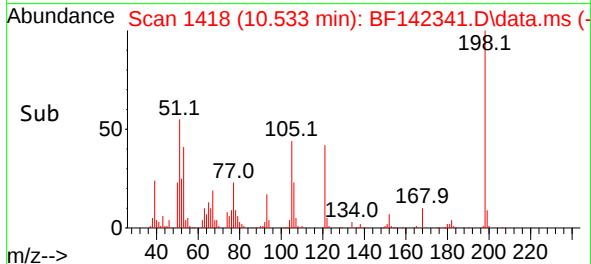
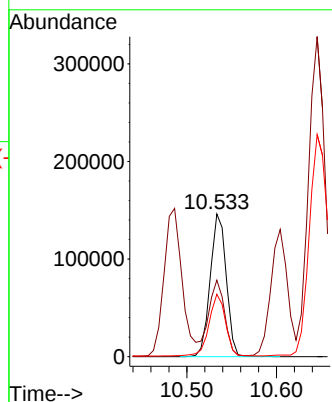
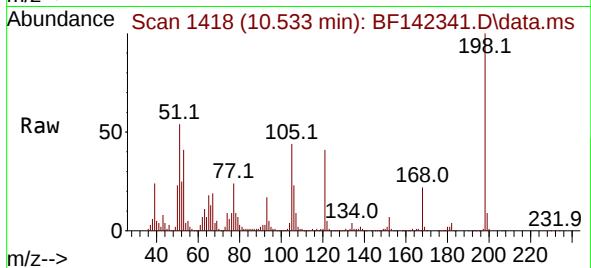




#65
4,6-Dinitro-2-methylphenol
Concen: 53.702 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

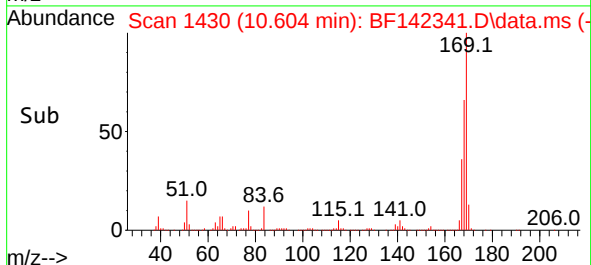
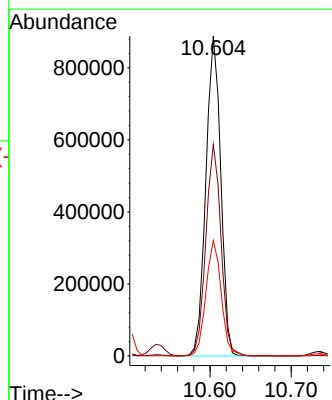
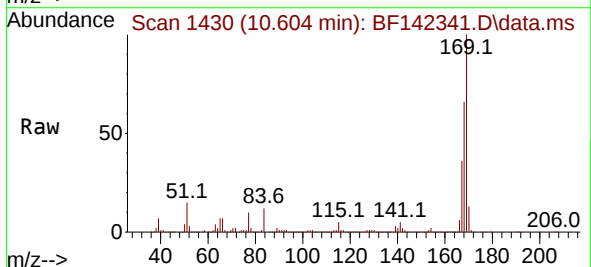
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Tgt Ion:198 Resp: 181337
Ion Ratio Lower Upper
198 100
51 53.6 32.9 72.9
105 43.7 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 47.647 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:169 Resp: 1127454
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.1 28.9 43.3

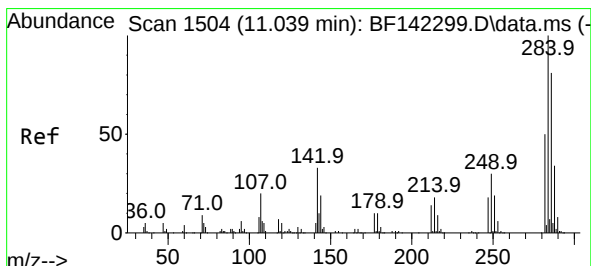
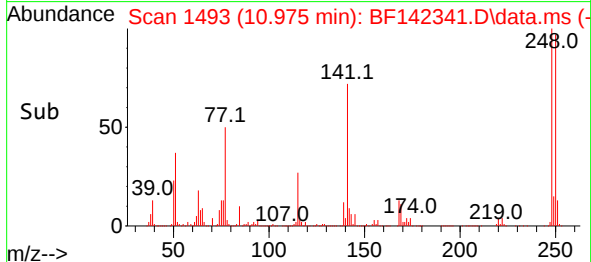
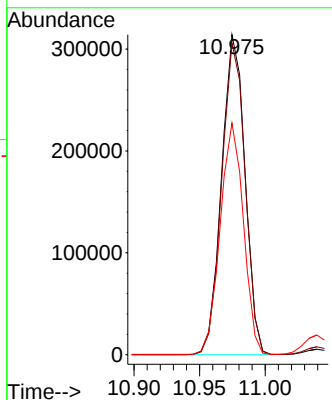
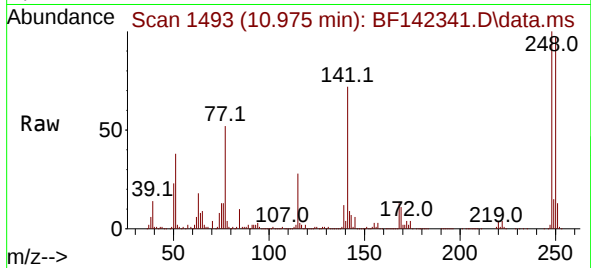




#67
4-Bromophenyl-phenylether
Concen: 48.355 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

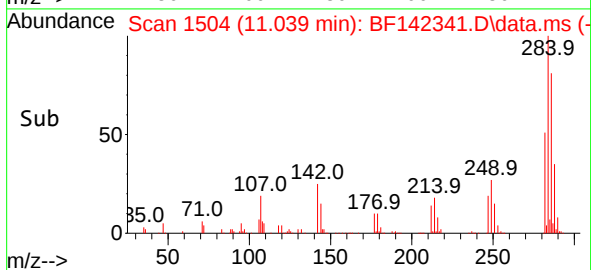
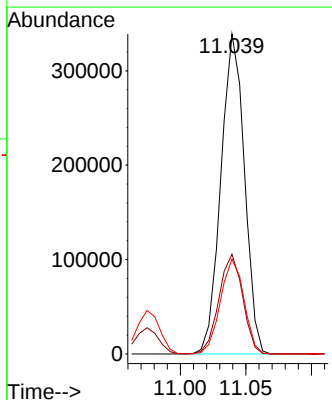
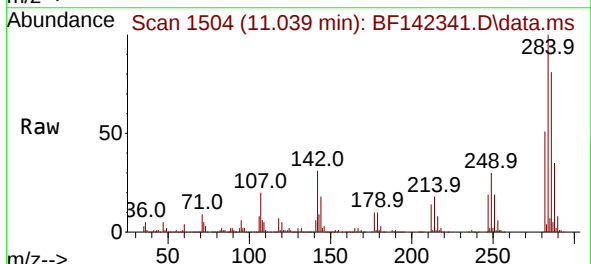
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

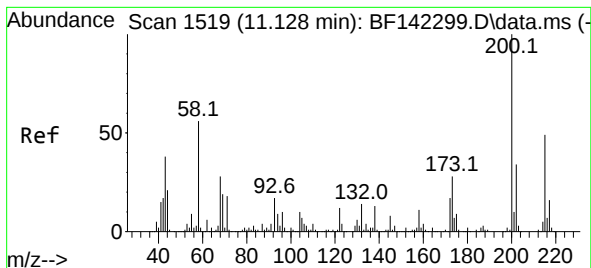
Tgt Ion:248 Resp: 389701
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 72.4 59.8 89.8



#68
Hexachlorobenzene
Concen: 47.731 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:284 Resp: 423127
Ion Ratio Lower Upper
284 100
142 31.2 26.6 39.8
249 29.7 24.1 36.1





#69

Atrazine

Concen: 48.205 ng

RT: 11.128 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

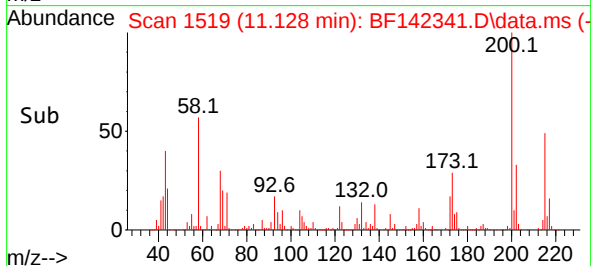
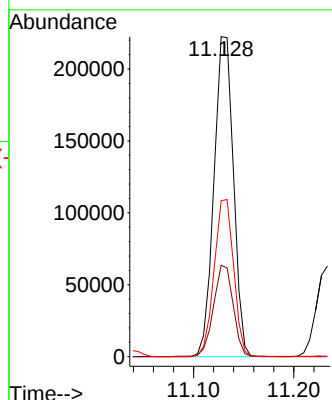
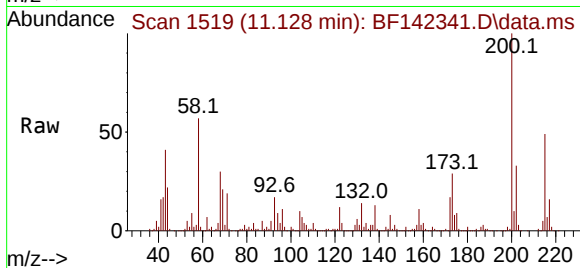
Tgt Ion:200 Resp: 300676

Ion Ratio Lower Upper

200 100

173 28.5 8.1 48.1

215 48.8 28.8 68.8



#70

Pentachlorophenol

Concen: 103.676 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

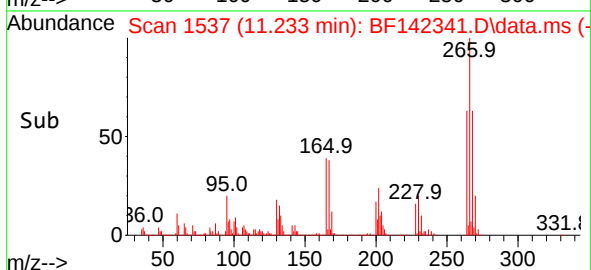
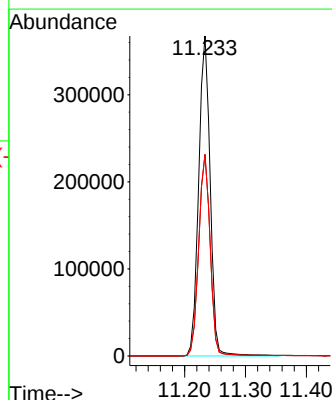
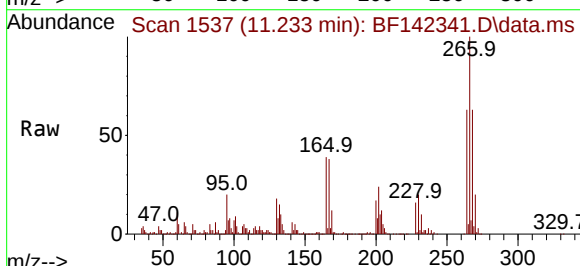
Tgt Ion:266 Resp: 483498

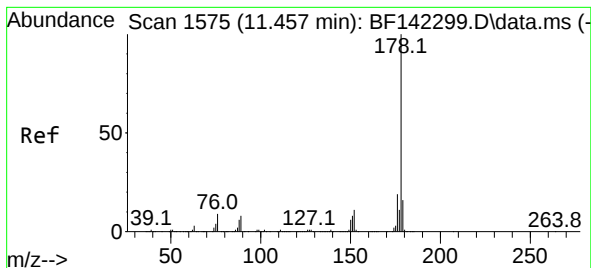
Ion Ratio Lower Upper

266 100

268 62.9 48.7 73.1

264 63.0 49.8 74.6





#71

Phenanthrene

Concen: 44.031 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

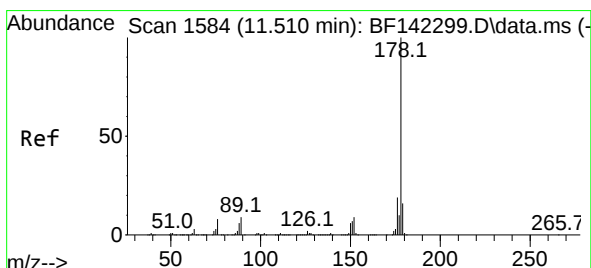
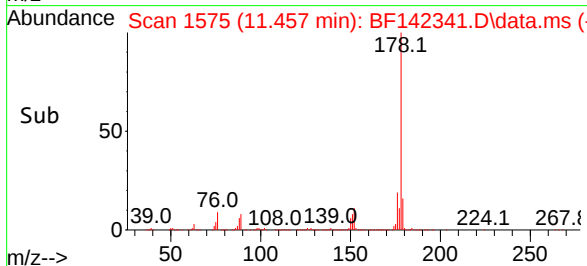
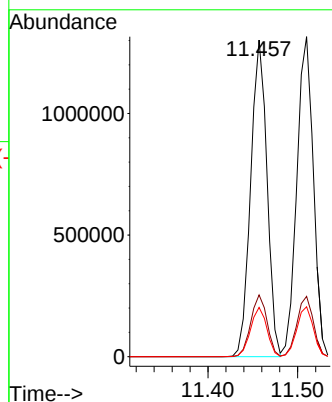
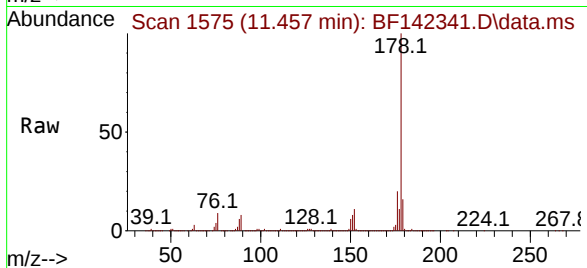
Tgt Ion:178 Resp: 1641209

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.6 12.6 18.8



#72

Anthracene

Concen: 43.879 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

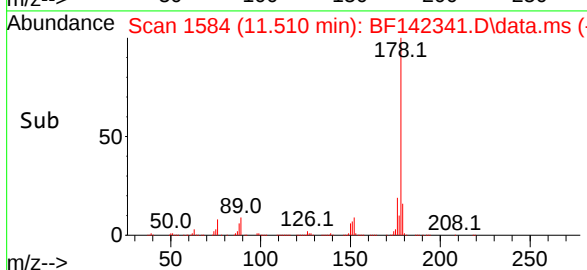
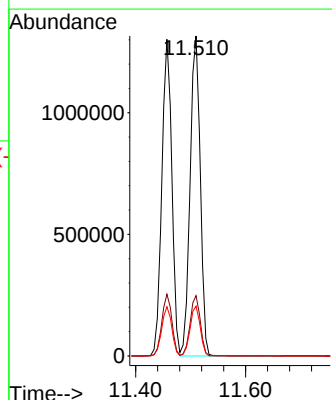
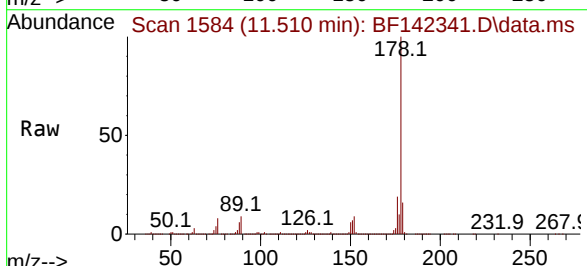
Tgt Ion:178 Resp: 1680500

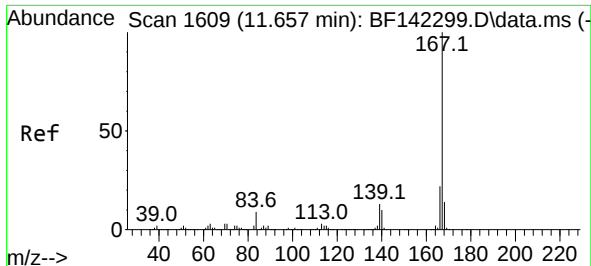
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.6 12.6 18.8

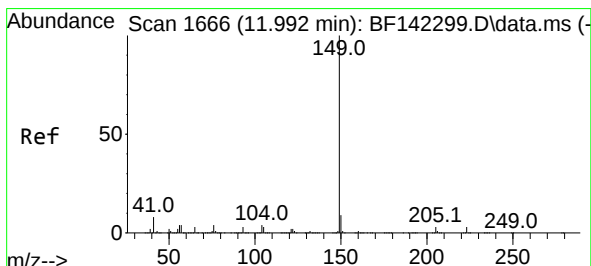
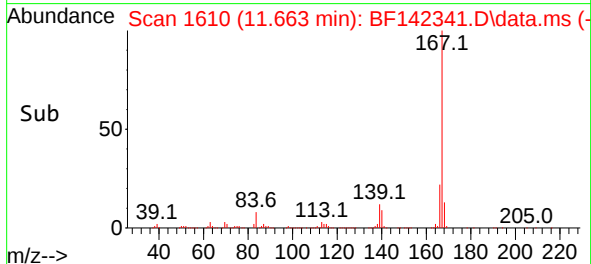
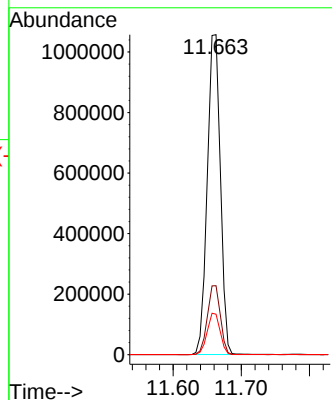
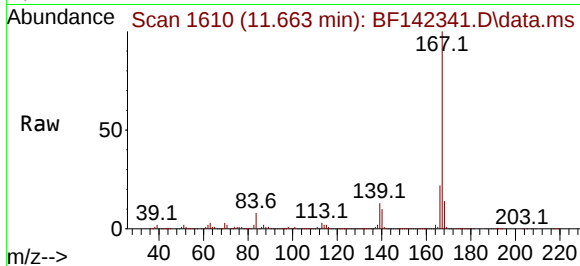




#73
 Carbazole
 Concen: 41.144 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. 0.006 min
 Lab File: BF142341.D
 Acq: 13 May 2025 13:16

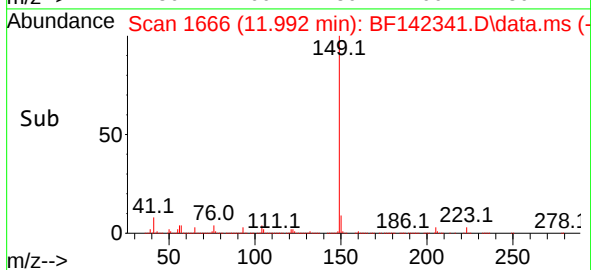
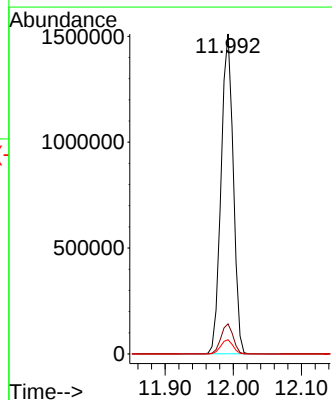
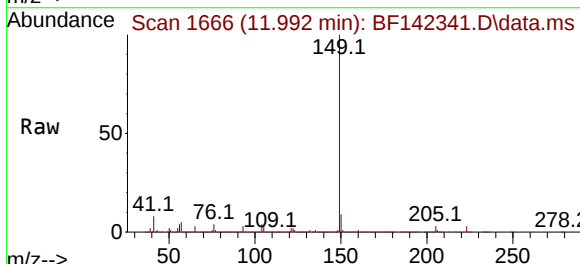
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MS

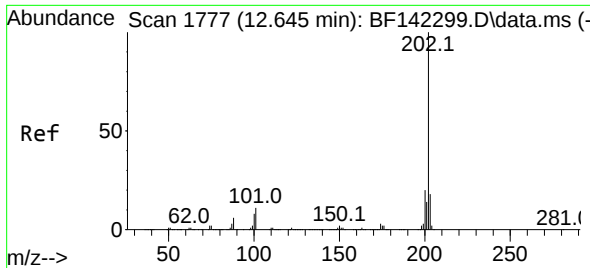
Tgt Ion:167 Resp: 1413709
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 51.972 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: BF142341.D
 Acq: 13 May 2025 13:16

Tgt Ion:149 Resp: 1877806
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.4 3.6 5.4

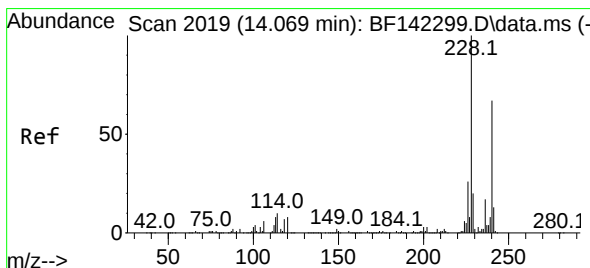
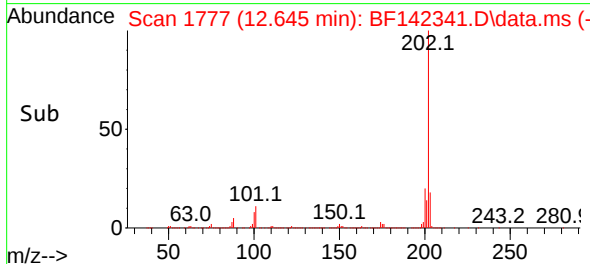
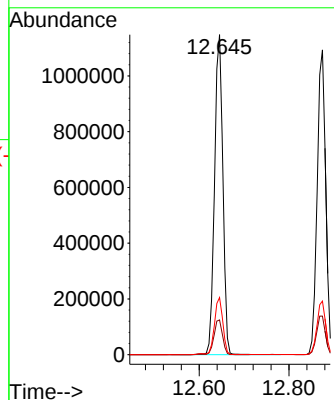
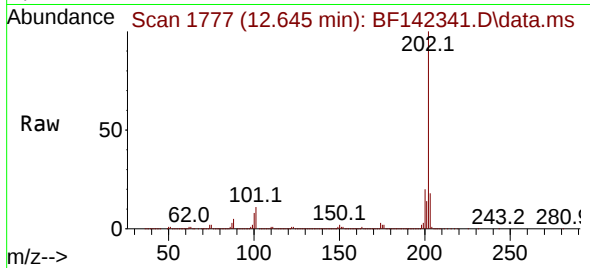




#75
Fluoranthene
Concen: 39.516 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

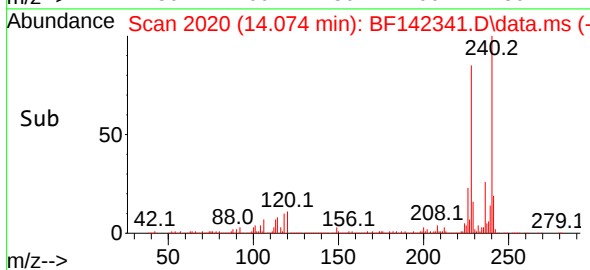
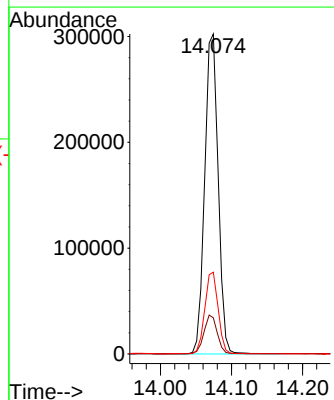
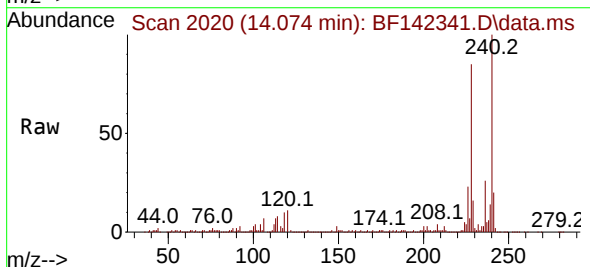
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

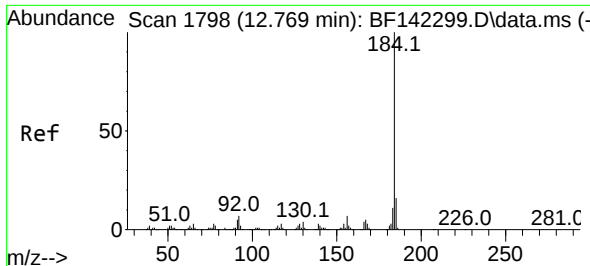
Tgt Ion:202 Resp: 1472368
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:240 Resp: 400063
Ion Ratio Lower Upper
240 100
120 11.3 9.7 14.5
236 25.6 20.0 30.0

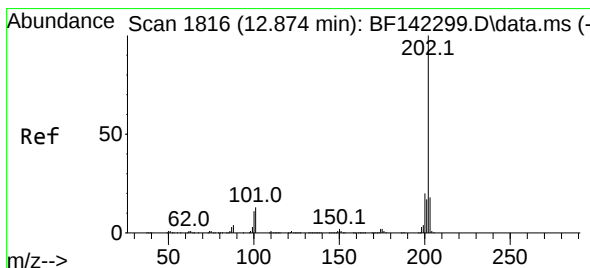
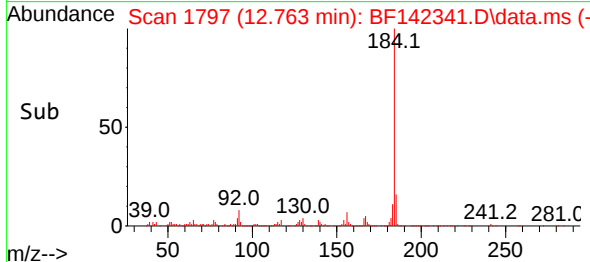
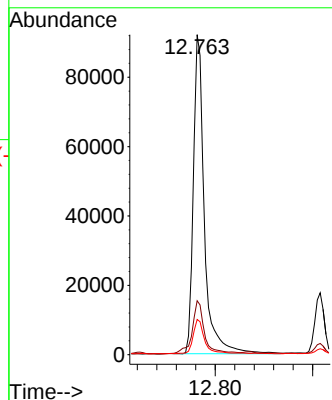
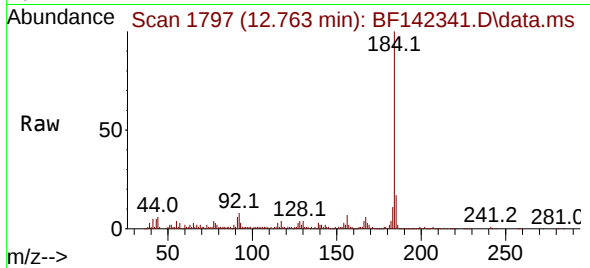




#77
Benzidine
Concen: 19.906 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

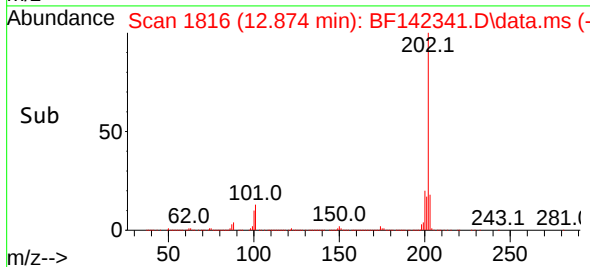
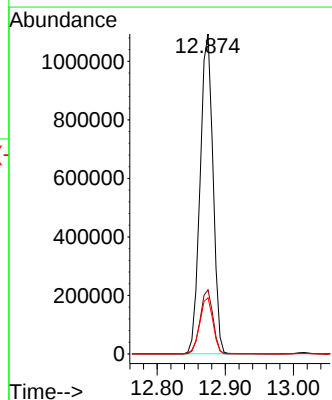
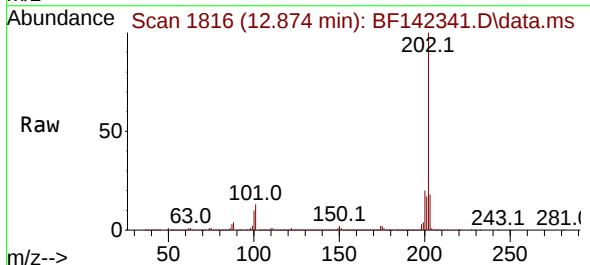
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

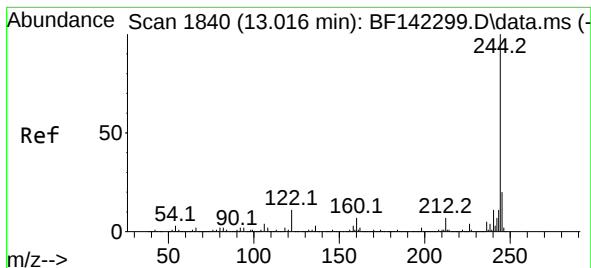
Tgt Ion:184 Resp: 144725
Ion Ratio Lower Upper
184 100
185 16.9 12.6 18.8
183 11.0 8.6 12.8



#78
Pyrene
Concen: 40.216 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:202 Resp: 1432084
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.4
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 69.594 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

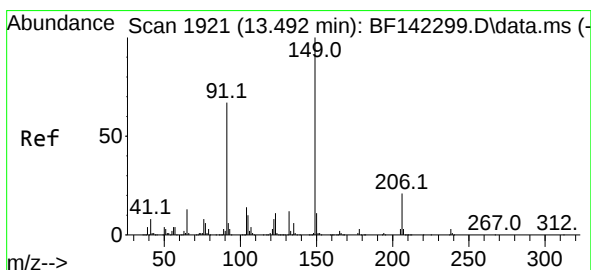
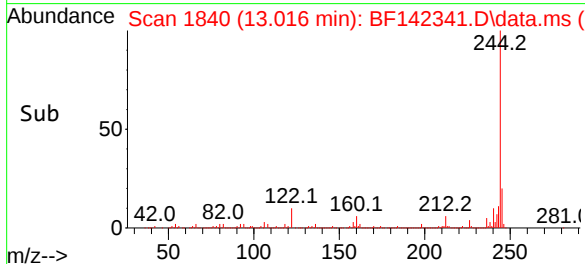
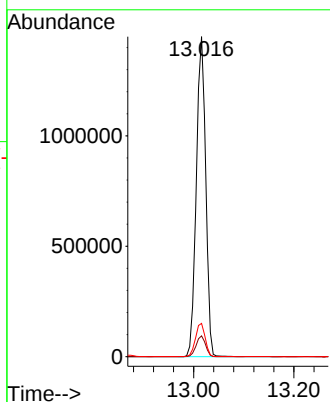
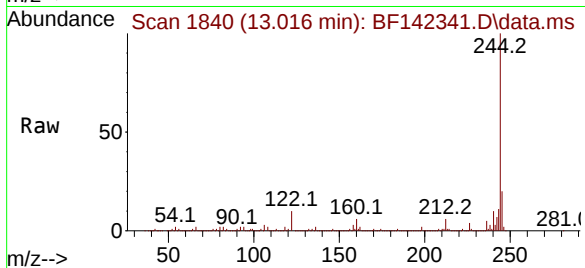
Tgt Ion:244 Resp: 1881074

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 54.836 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

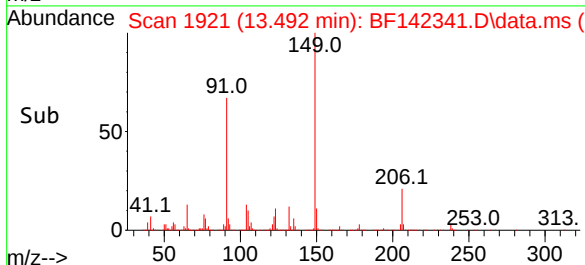
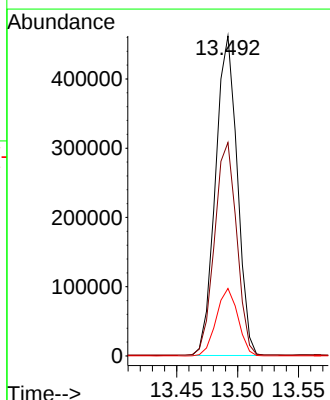
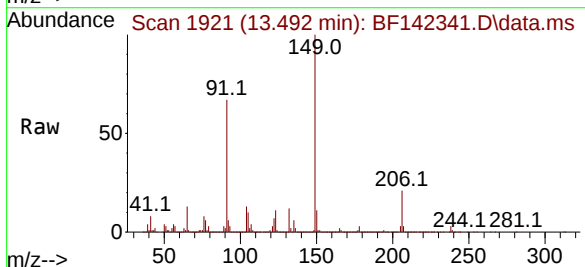
Tgt Ion:149 Resp: 575720

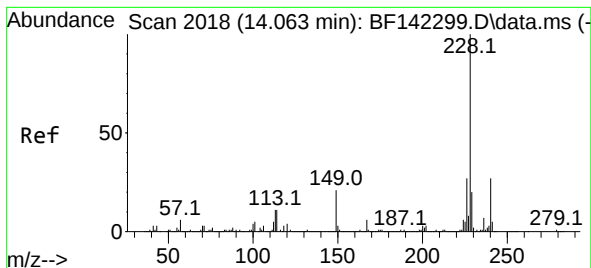
Ion Ratio Lower Upper

149 100

91 66.7 53.8 80.6

206 21.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 46.239 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

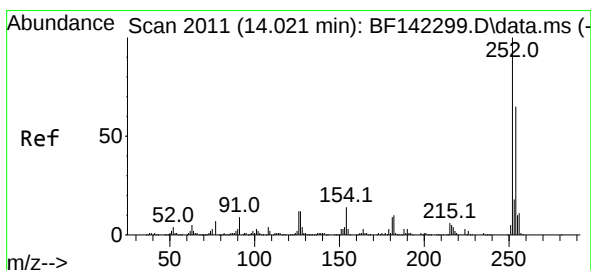
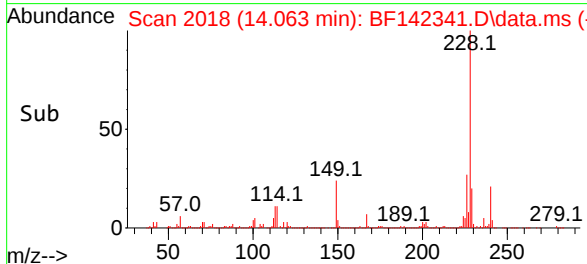
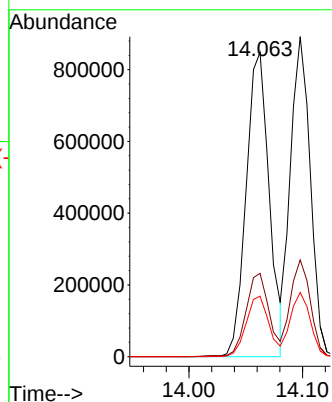
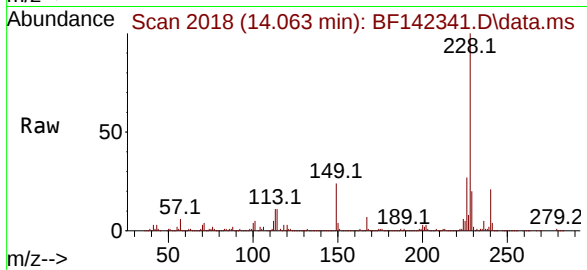
Tgt Ion:228 Resp: 1197998

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 40.518 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

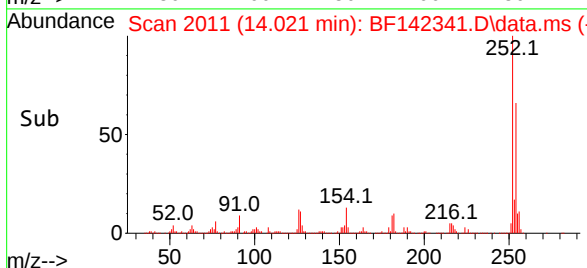
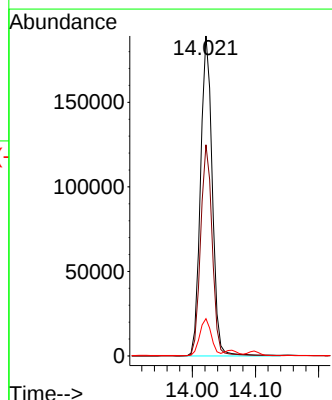
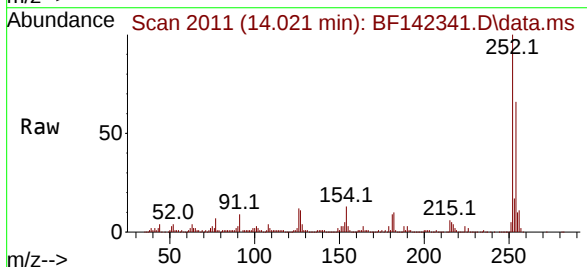
Tgt Ion:252 Resp: 244119

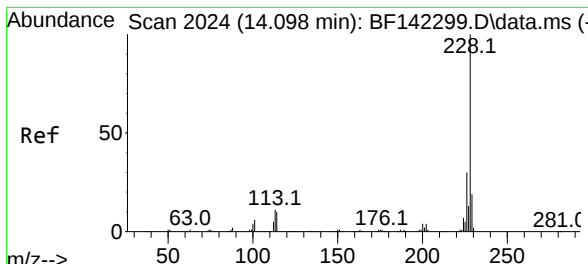
Ion Ratio Lower Upper

252 100

254 66.0 52.0 78.0

126 11.7 9.7 14.5





#83

Chrysene

Concen: 45.275 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

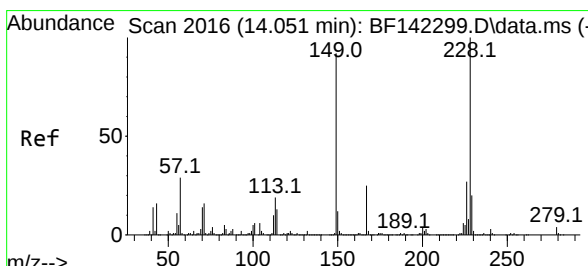
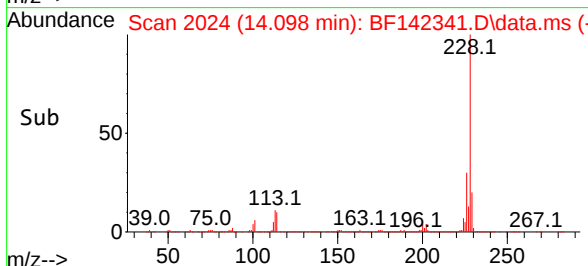
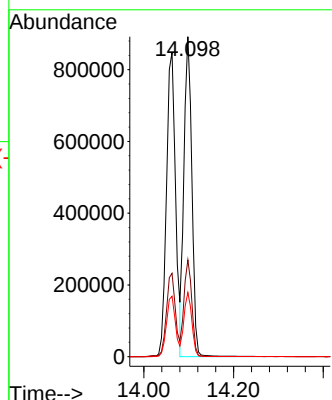
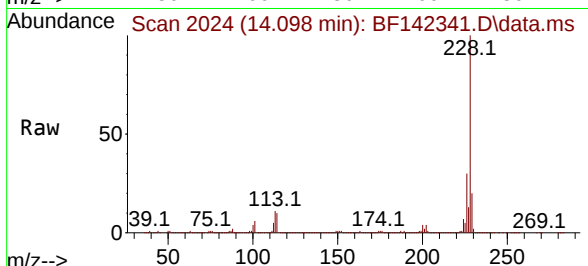
Tgt Ion:228 Resp: 1091976

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 20.1 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.526 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

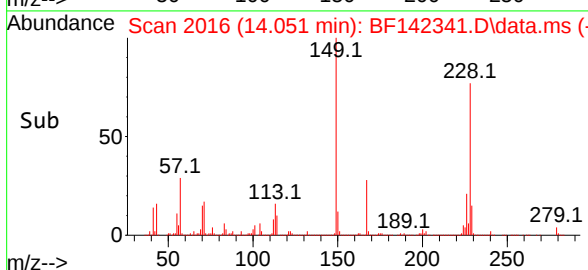
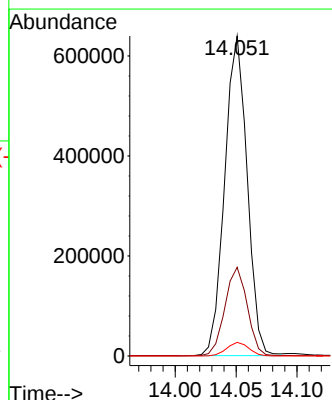
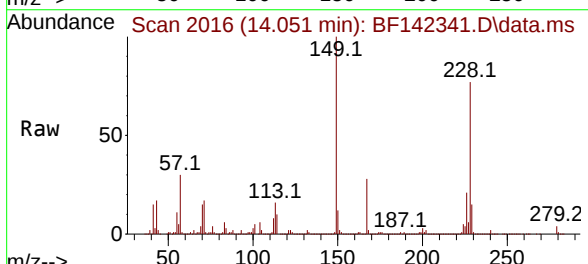
Tgt Ion:149 Resp: 820672

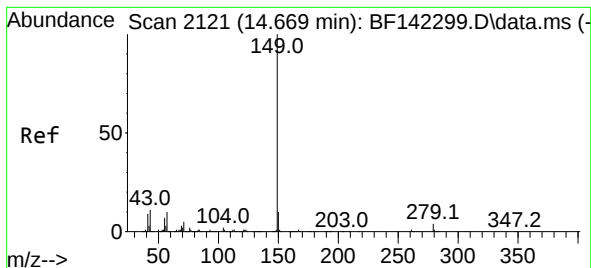
Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 52.516 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.001 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

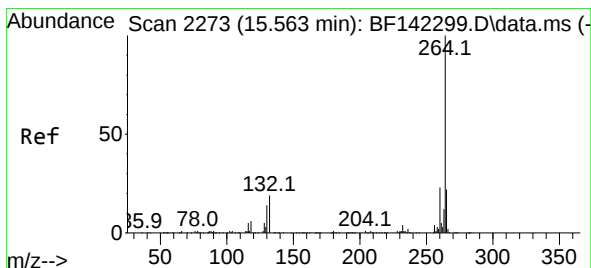
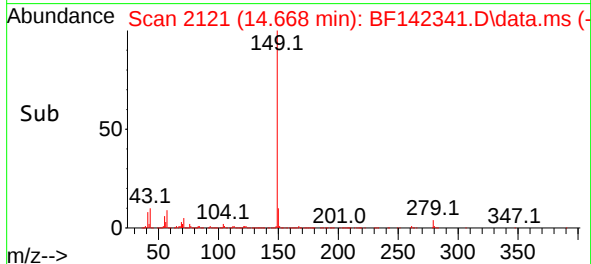
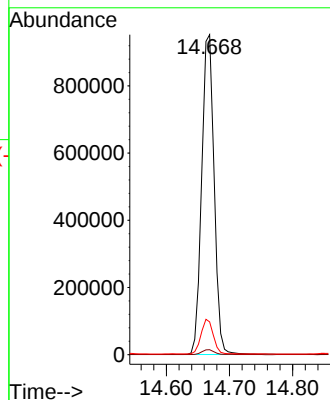
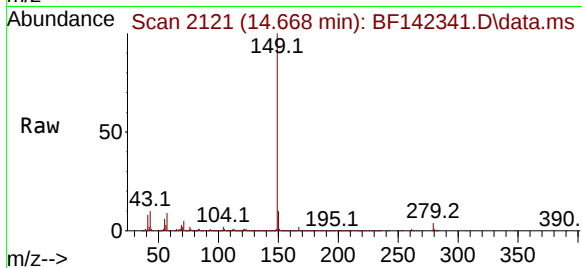
Tgt Ion:149 Resp: 1302921

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.8 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

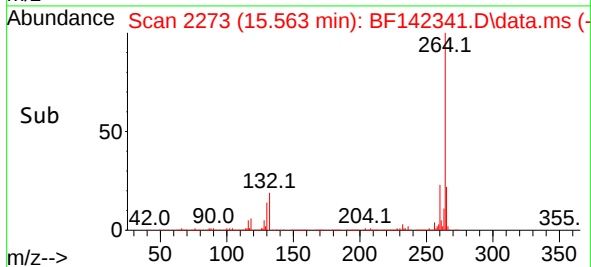
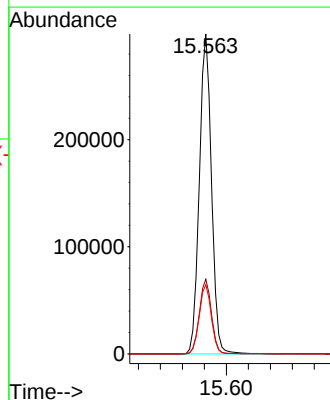
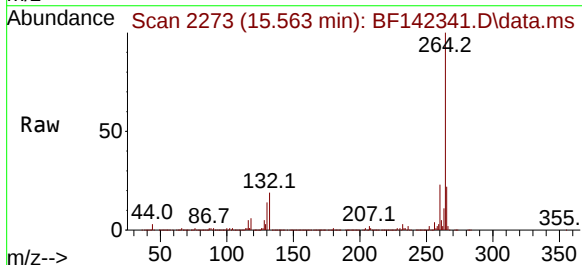
Tgt Ion:264 Resp: 458773

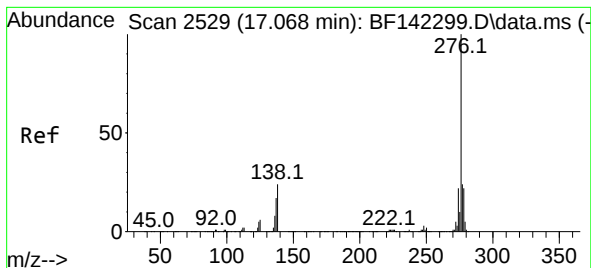
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.716 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508MS

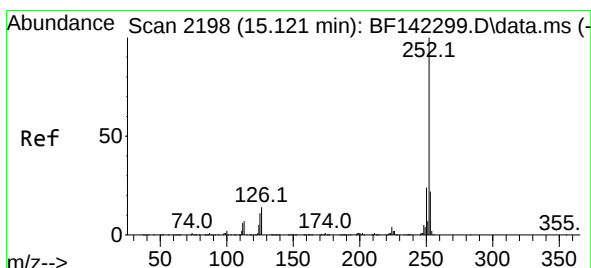
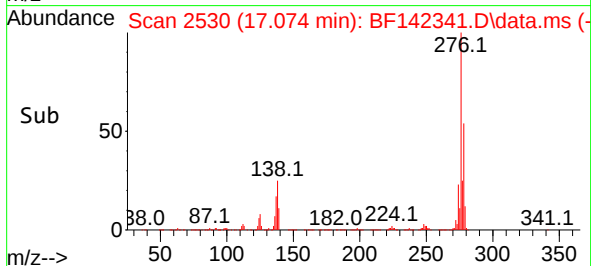
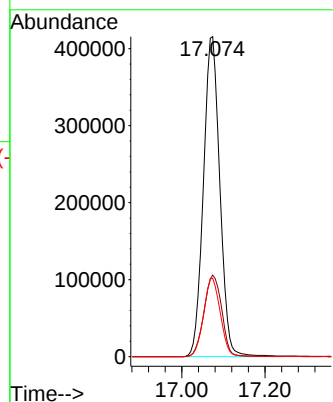
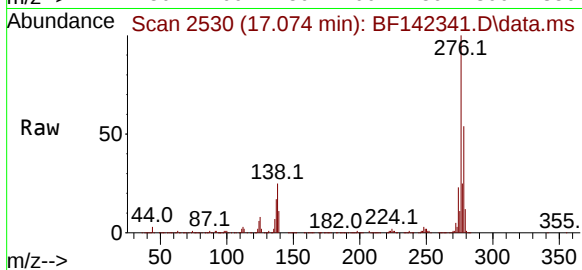
Tgt Ion:276 Resp: 1139843

Ion Ratio Lower Upper

276 100

138 27.6 22.0 33.0

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.935 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142341.D

Acq: 13 May 2025 13:16

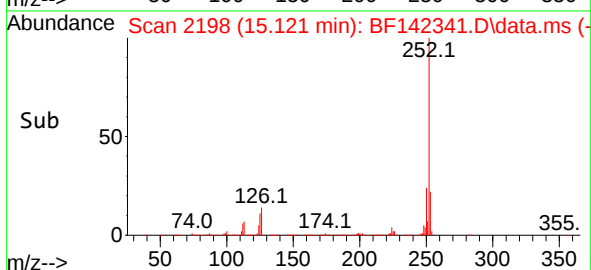
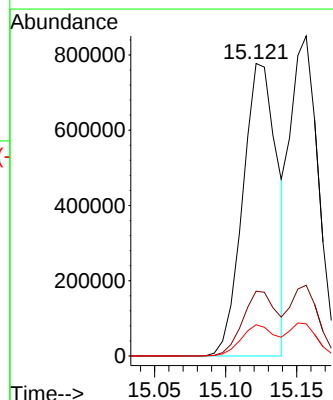
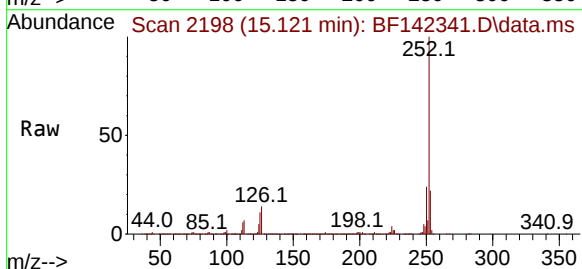
Tgt Ion:252 Resp: 1304145

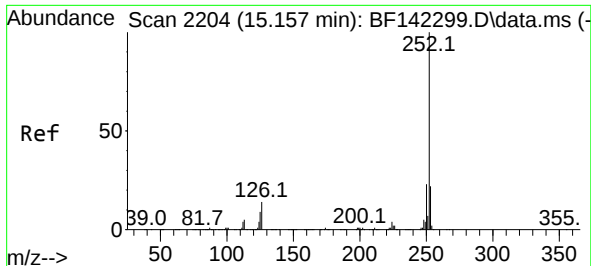
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.7 8.7 13.1

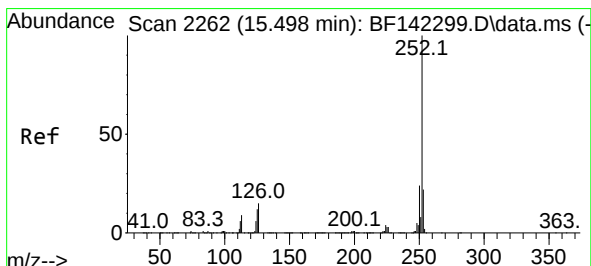
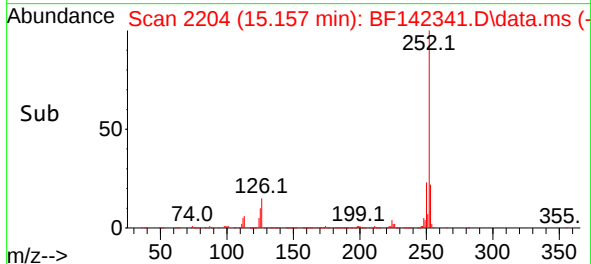
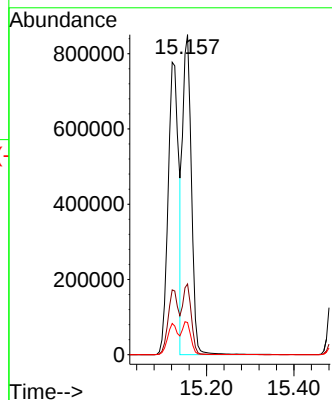
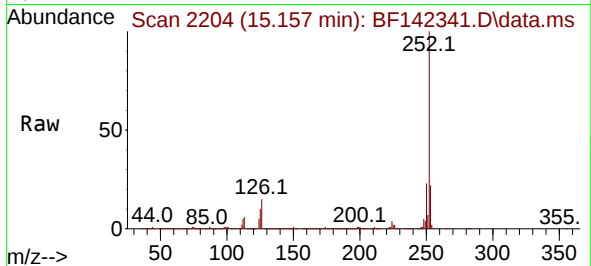




#89
Benzo(k)fluoranthene
Concen: 46.252 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

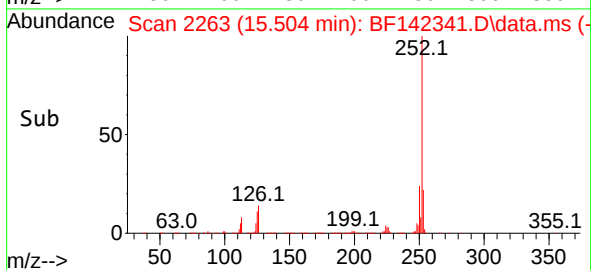
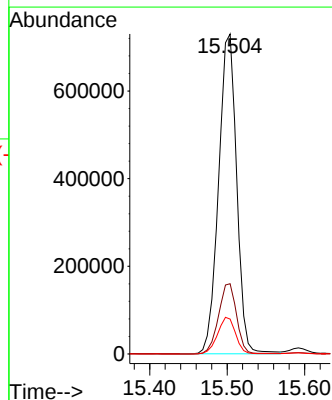
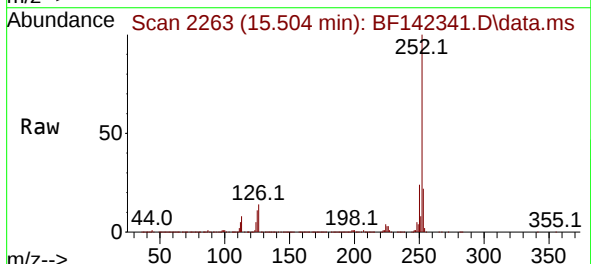
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

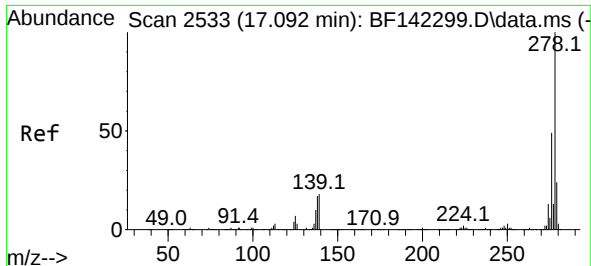
Tgt Ion:252 Resp: 1176087
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.0 8.1 12.1



#90
Benzo(a)pyrene
Concen: 47.619 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

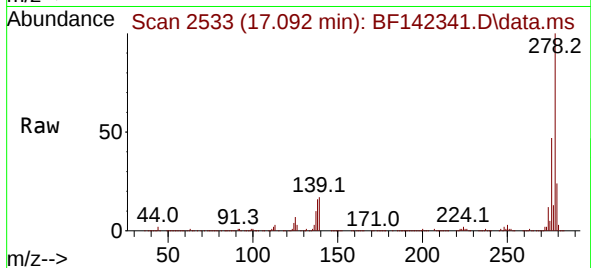
Tgt Ion:252 Resp: 1185667
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.9 9.4 14.0



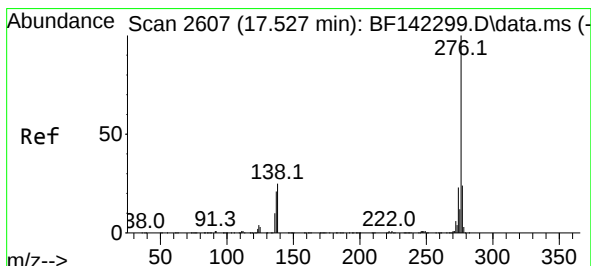
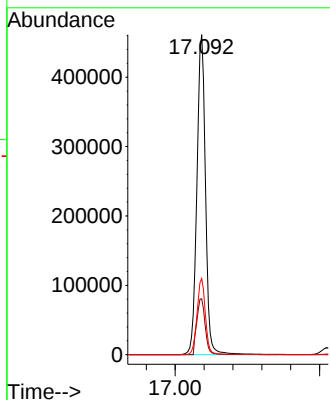
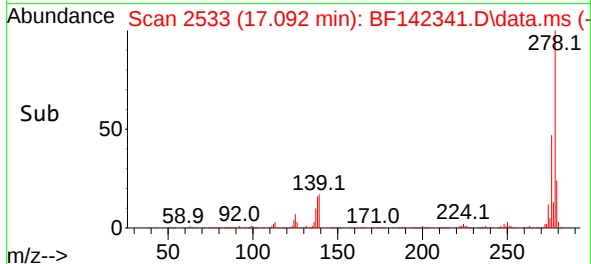


#91
Dibenzo(a,h)anthracene
Concen: 36.212 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS



Tgt Ion:278 Resp: 954756
Ion Ratio Lower Upper
278 100
139 17.5 14.5 21.7
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 31.908 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF142341.D
Acq: 13 May 2025 13:16

Tgt Ion:276 Resp: 834969
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 24.5 19.8 29.6

