

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143549.D
 Acq On : 22 Aug 2025 01:21
 Operator : RC/JU
 Sample : Q2903-06MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1B-081925MSD

Quant Time: Aug 22 03:01:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	106890	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	392399	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	198833	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	274710	20.000	ng	0.00
76) Chrysene-d12	14.098	240	213040	20.000	ng	0.00
86) Perylene-d12	15.592	264	238923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	399079	65.194	ng	0.00
7) Phenol-d6	6.557	99	323175	42.767	ng	-0.02
23) Nitrobenzene-d5	7.487	82	641196	95.354	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	240282	129.823	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1130518	93.967	ng	0.00
79) Terphenyl-d14	13.033	244	895811	73.377	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	56657	19.979	ng	99
3) Pyridine	3.575	79	131058	17.352	ng	99
4) n-Nitrosodimethylamine	3.505	42	74554	21.958	ng	96
6) Aniline	6.587	93	242088	23.968	ng	96
8) 2-Chlorophenol	6.716	128	225651	33.374	ng	100
9) Benzaldehyde	6.475	77	139081	22.733	ng	99
10) Phenol	6.575	94	137377	15.781	ng	90
11) bis(2-Chloroethyl)ether	6.651	93	251588	38.675	ng	99
12) 1,3-Dichlorobenzene	6.869	146	154106	20.286	ng	99
13) 1,4-Dichlorobenzene	6.940	146	164085	21.532	ng	98
14) 1,2-Dichlorobenzene	7.098	146	162898	22.578	ng	99
15) Benzyl Alcohol	7.063	79	186434	32.953	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	362053	34.788	ng	99
17) 2-Methylphenol	7.181	107	171915	31.681	ng	96
18) Hexachloroethane	7.440	117	47098	18.178	ng	96
19) n-Nitroso-di-n-propyla...	7.334	70	204861	44.355	ng	100
20) 3+4-Methylphenols	7.334	107	185243	28.596	ng	# 75
22) Acetophenone	7.328	105	378769	44.679	ng	95
24) Nitrobenzene	7.504	77	288164	41.637	ng	99
25) Isophorone	7.745	82	568657	46.133	ng	99
26) 2-Nitrophenol	7.822	139	144326	42.572	ng	95
27) 2,4-Dimethylphenol	7.863	122	216950	41.052	ng	97
28) bis(2-Chloroethoxy)met...	7.951	93	343742	45.377	ng	99
29) 2,4-Dichlorophenol	8.069	162	231336	40.987	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	181959	31.356	ng	100
31) Naphthalene	8.228	128	629921	33.437	ng	100
32) Benzoic acid	7.963	122	36947	16.417	ng	99
33) 4-Chloroaniline	8.275	127	141191	21.116	ng	100
34) Hexachlorobutadiene	8.345	225	92488	24.429	ng	98
35) Caprolactam	8.640	113	14433	10.657	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	230476	40.747	ng	96
37) 2-Methylnaphthalene	8.922	142	438852	34.878	ng	100
38) 1-Methylnaphthalene	9.022	142	457089	37.978	ng	100
40) 1,2,4,5-Tetrachloroben...	9.087	216	238686	41.968	ng	99
41) Hexachlorocyclopentadiene	9.075	237	159207	72.686	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	164579	47.028	ng	98

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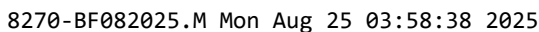
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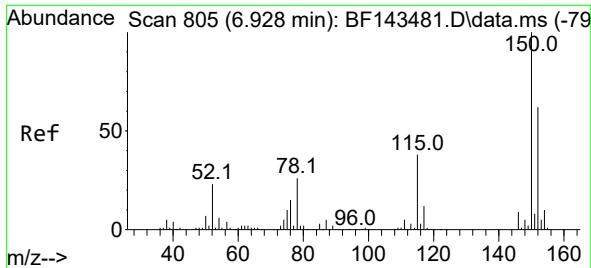
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	173965	45.509	ng	99
46) 1,1'-Biphenyl	9.387	154	635872	45.056	ng	99
47) 2-Chloronaphthalene	9.410	162	478806	43.240	ng	99
48) 2-Nitroaniline	9.504	65	161485	49.830	ng	98
49) Acenaphthylene	9.828	152	788297	49.718	ng	100
50) Dimethylphthalate	9.681	163	631164	52.706	ng	100
51) 2,6-Dinitrotoluene	9.745	165	132380	53.338	ng	100
52) Acenaphthene	9.998	154	513549	47.705	ng	100
53) 3-Nitroaniline	9.916	138	78358	29.218	ng	98
54) 2,4-Dinitrophenol	10.028	184	96195	72.973	ng	99
55) Dibenzofuran	10.169	168	692556	45.124	ng	97
56) 4-Nitrophenol	10.086	139	55850	35.000	ng	96
57) 2,4-Dinitrotoluene	10.151	165	169805	51.239	ng	98
58) Fluorene	10.516	166	534295	45.231	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	141845	49.945	ng	99
60) Diethylphthalate	10.381	149	565726	52.692	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	275427	46.622	ng	99
62) 4-Nitroaniline	10.528	138	110360	44.801	ng	96
63) Azobenzene	10.663	77	538883	48.406	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	77315	49.915	ng	98
66) n-Nitrosodiphenylamine	10.622	169	457844	51.788	ng	98
67) 4-Bromophenyl-phenylether	10.992	248	166888	50.916	ng	97
68) Hexachlorobenzene	11.069	284	172427	48.803	ng	99
69) Atrazine	11.145	200	137662	60.323	ng	99
70) Pentachlorophenol	11.263	266	157387	97.265	ng	99
71) Phenanthrene	11.475	178	693850	47.165	ng	100
72) Anthracene	11.528	178	697629	46.811	ng	100
73) Carbazole	11.680	167	571768	46.822	ng	99
74) Di-n-butylphthalate	12.004	149	703123	61.721	ng	100
75) Fluoranthene	12.669	202	609585	46.180	ng	99
77) Benzidine	12.780	184	198066	38.168	ng	99
78) Pyrene	12.898	202	617956	35.263	ng	99
80) Butylbenzylphthalate	13.504	149	253293	52.909	ng	97
81) Benzo(a)anthracene	14.086	228	639464	46.623	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	127936	32.571	ng	98
83) Chrysene	14.121	228	578811	46.959	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	374032	51.298	ng	99
85) Di-n-octyl phthalate	14.680	149	653321	48.367	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	567749	33.068	ng	99
88) Benzo(b)fluoranthene	15.151	252	690451	51.988	ng	99
89) Benzo(k)fluoranthene	15.180	252	613537	48.250	ng	100
90) Benzo(a)pyrene	15.533	252	616477	50.008	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	476001	34.617	ng	99
92) Benzo(g,h,i)perylene	17.580	276	419562	30.686	ng	99

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

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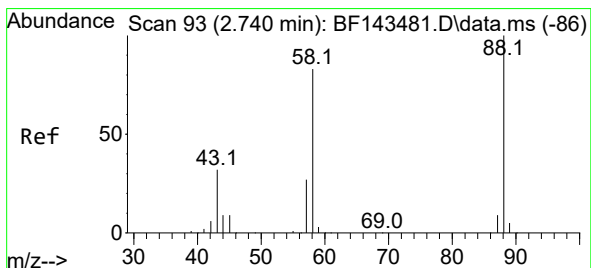
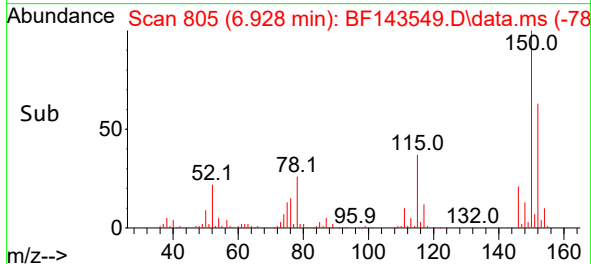
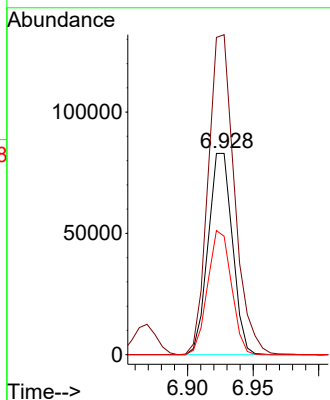
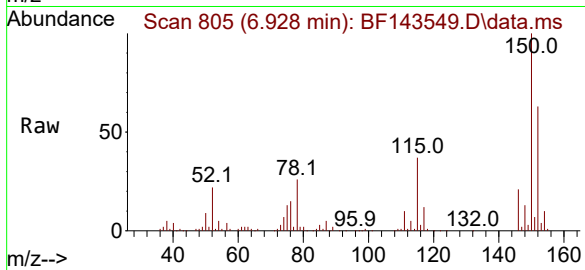




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143549.D
 Acq: 22 Aug 2025 01:21

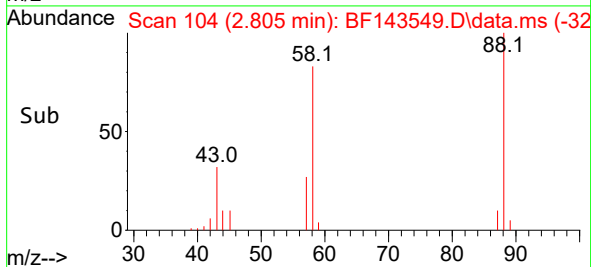
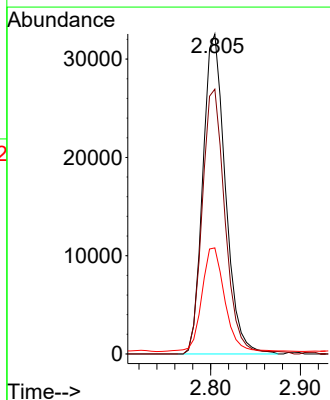
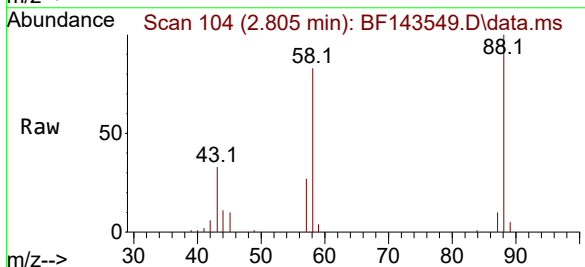
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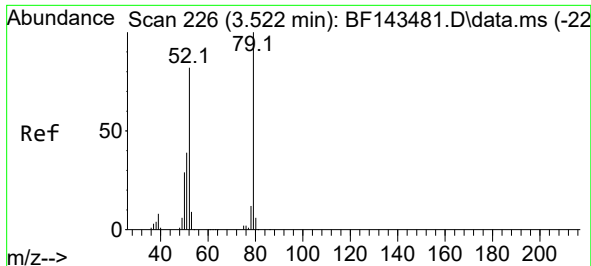
Tgt Ion:152 Resp: 106890
 Ion Ratio Lower Upper
 152 100
 150 159.0 128.9 193.3
 115 58.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 19.979 ng
 RT: 2.805 min Scan# 104
 Delta R.T. 0.071 min
 Lab File: BF143549.D
 Acq: 22 Aug 2025 01:21

Tgt Ion: 88 Resp: 56657
 Ion Ratio Lower Upper
 88 100
 58 83.9 66.7 100.1
 43 33.1 25.8 38.8





#3

Pyridine

Concen: 17.352 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

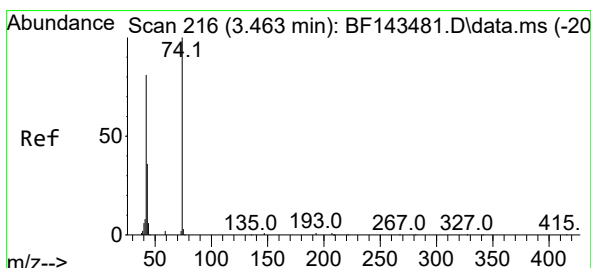
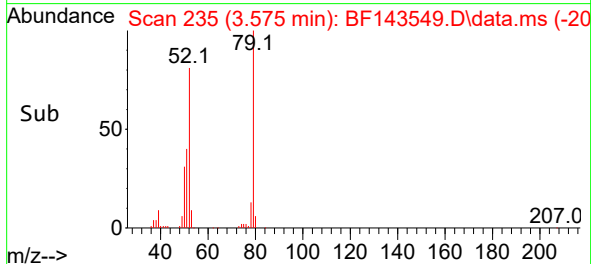
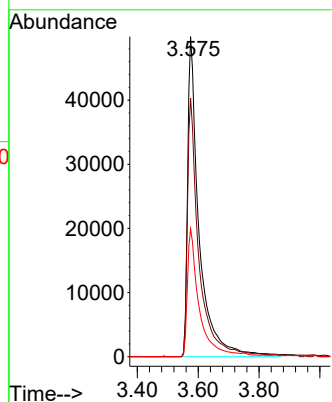
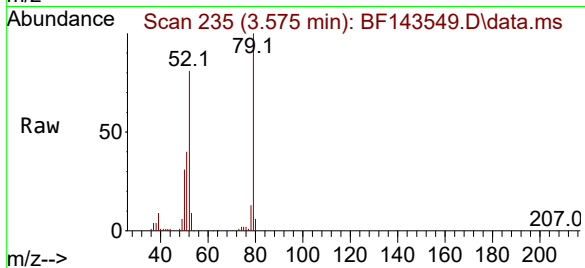
Tgt Ion: 79 Resp: 131058

Ion Ratio Lower Upper

79 100

52 80.8 65.6 98.4

51 40.0 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 21.958 ng

RT: 3.505 min Scan# 223

Delta R.T. 0.029 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

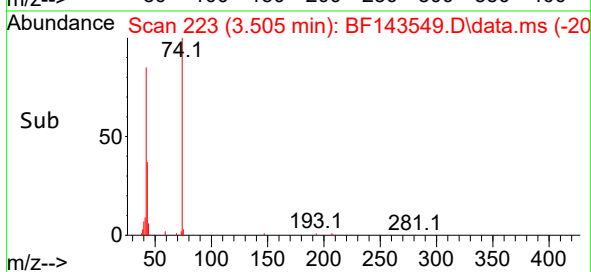
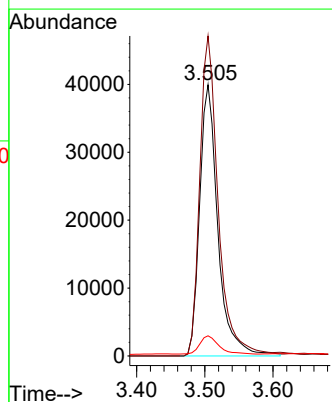
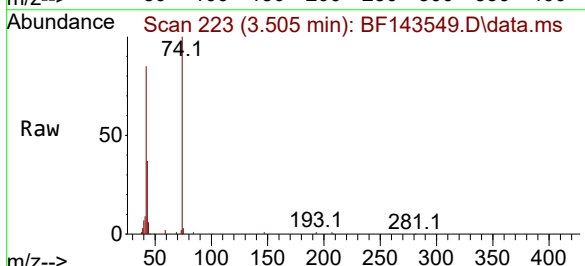
Tgt Ion: 42 Resp: 74554

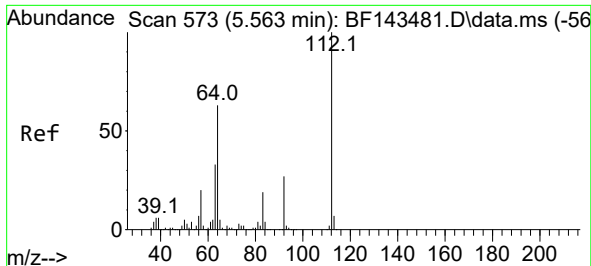
Ion Ratio Lower Upper

42 100

74 118.0 98.6 148.0

44 7.5 5.8 8.8

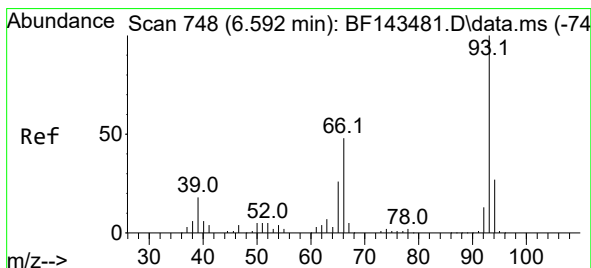
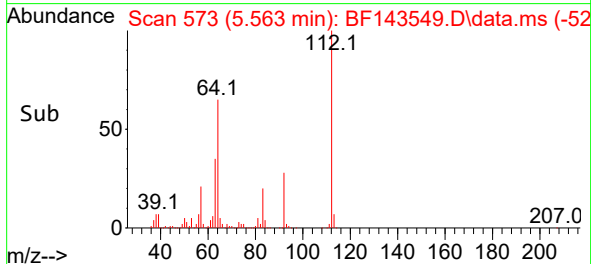
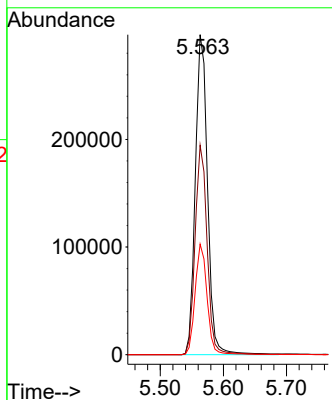
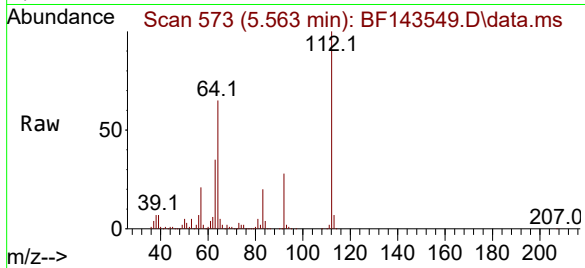




#5
2-Fluorophenol
Concen: 65.194 ng
RT: 5.563 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

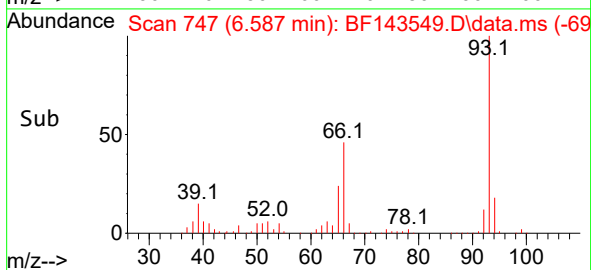
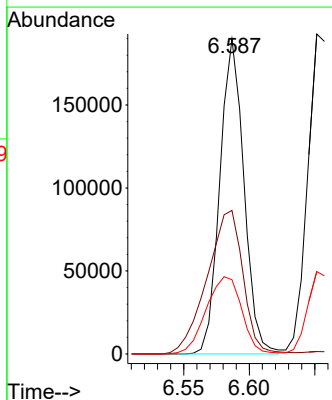
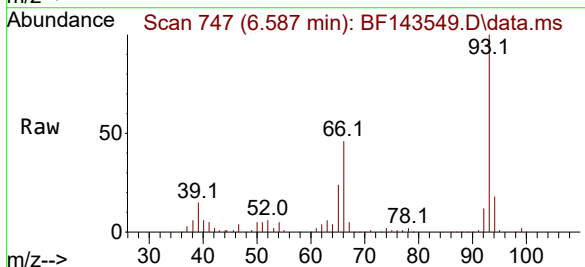
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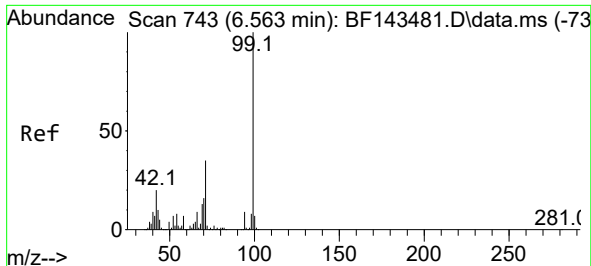
Tgt Ion:112 Resp: 399079
Ion Ratio Lower Upper
112 100
64 65.5 50.4 75.6
63 34.6 26.4 39.6



#6
Aniline
Concen: 23.968 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion: 93 Resp: 242088
Ion Ratio Lower Upper
93 100
66 45.6 38.9 58.3
65 23.6 20.6 30.8

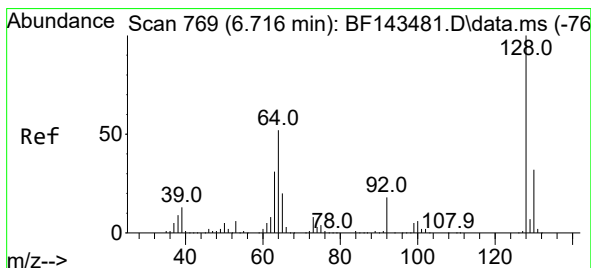
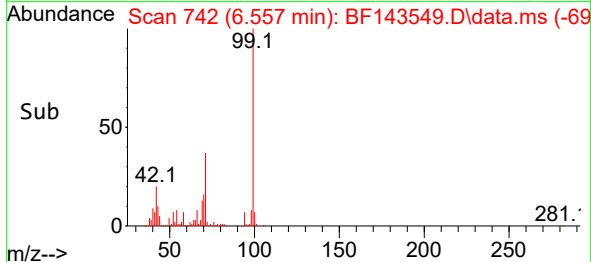
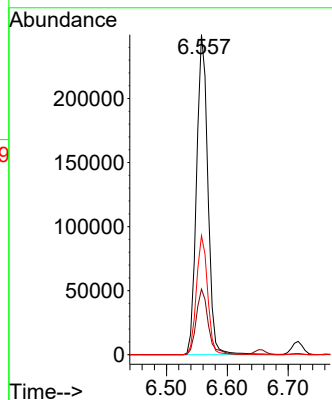
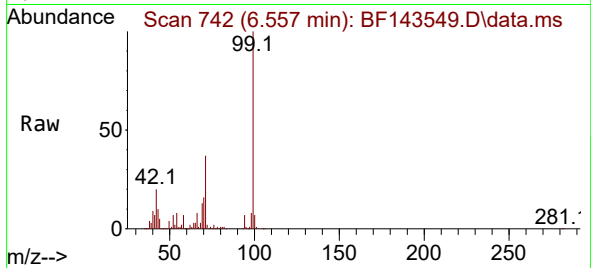




#7
Phenol-d6
Concen: 42.767 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

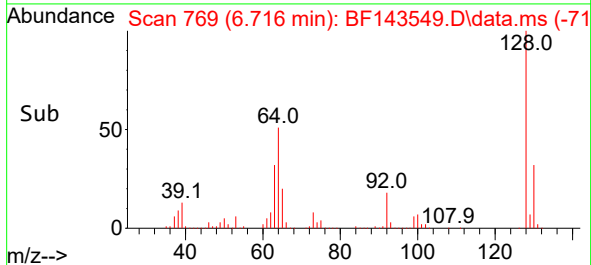
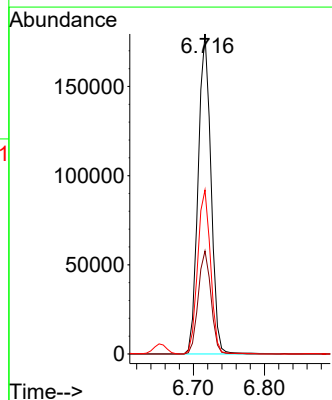
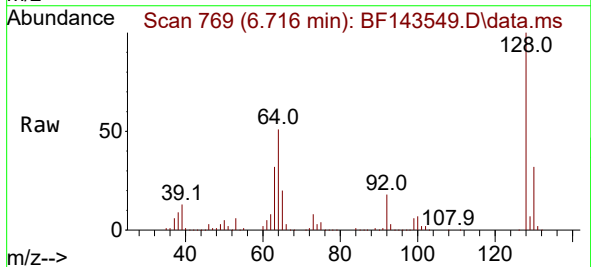
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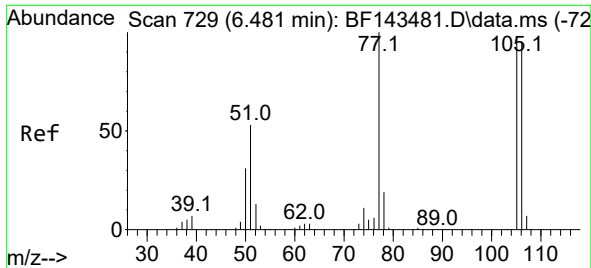
Tgt Ion: 99 Resp: 323175
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 37.2 28.2 42.2



#8
2-Chlorophenol
Concen: 33.374 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion: 128 Resp: 225651
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 51.2 31.6 71.6

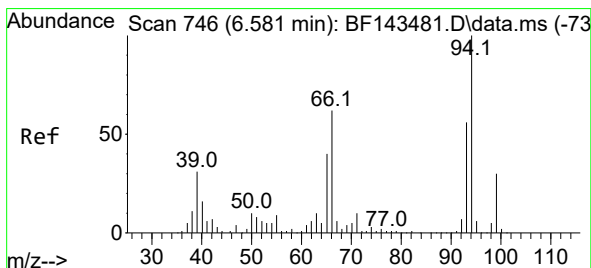
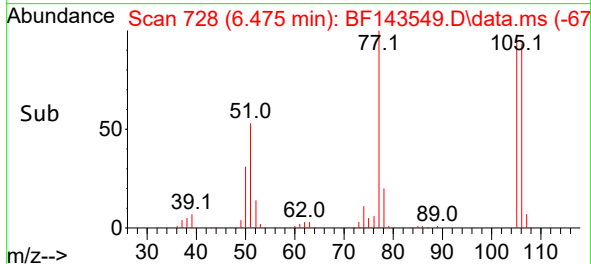
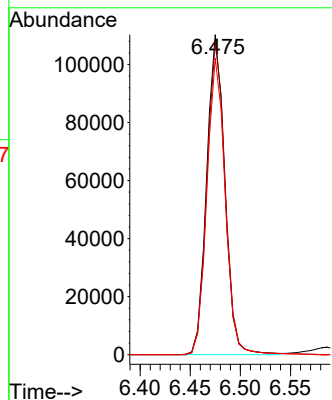
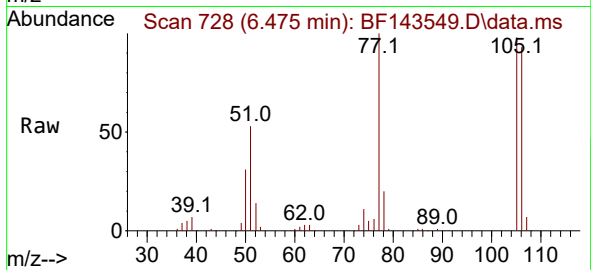




#9
Benzaldehyde
Concen: 22.733 ng
RT: 6.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

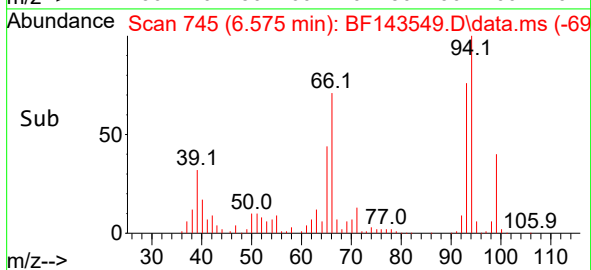
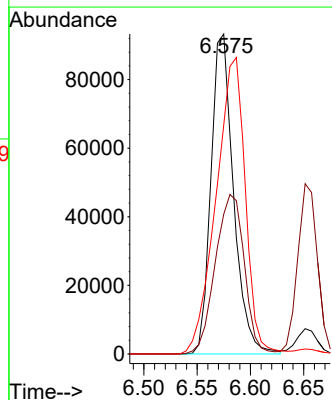
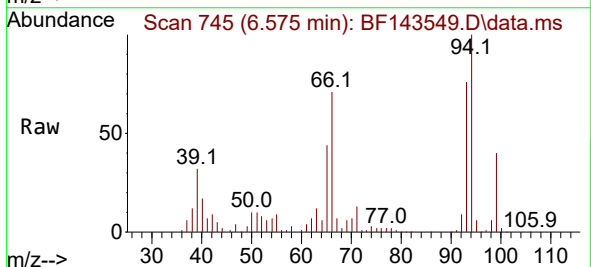
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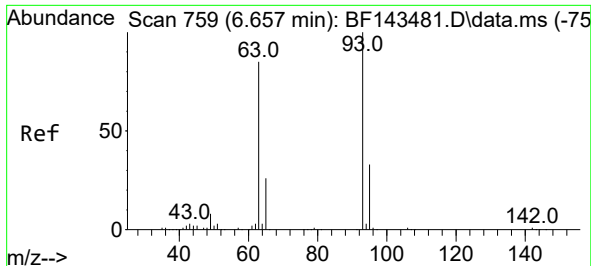
Tgt Ion: 77 Resp: 139081
Ion Ratio Lower Upper
77 100
105 97.8 78.1 118.1
106 92.7 74.9 114.9



#10
Phenol
Concen: 15.781 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion: 94 Resp: 137377
Ion Ratio Lower Upper
94 100
65 43.6 19.5 59.5
66 71.5 42.5 82.5

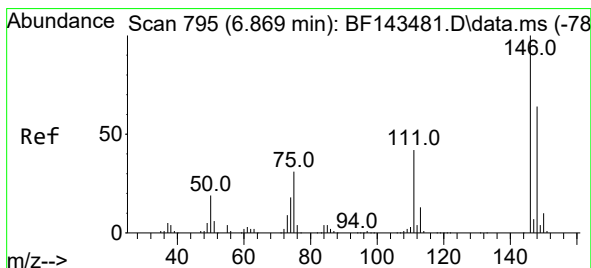
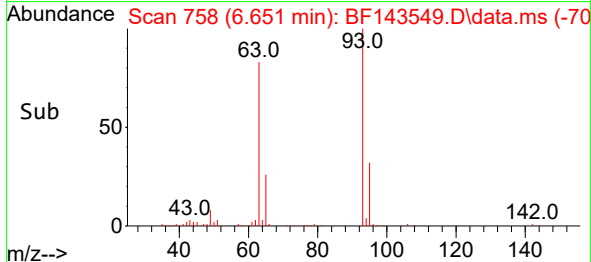
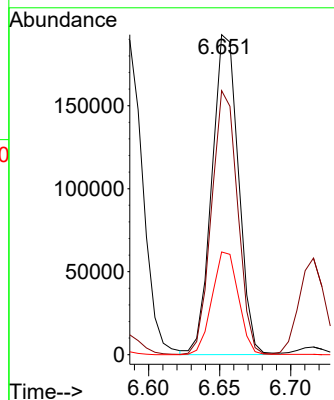
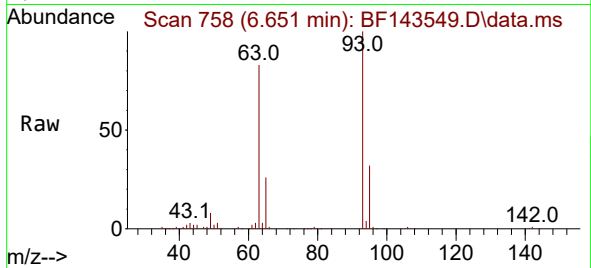




#11
bis(2-Chloroethyl)ether
Concen: 38.675 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

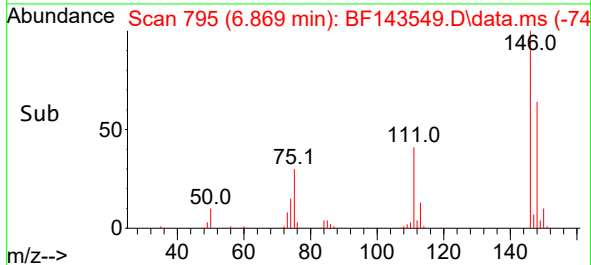
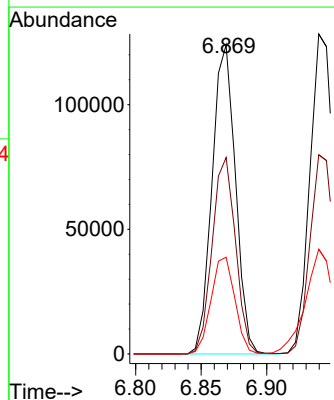
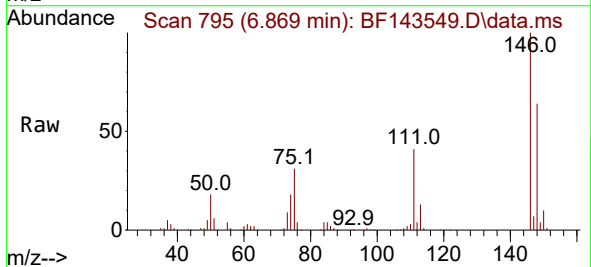
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

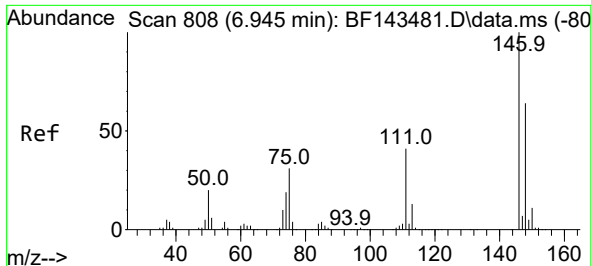
Tgt Ion: 93 Resp: 251588
Ion Ratio Lower Upper
93 100
63 82.5 63.6 103.6
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 20.286 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:146 Resp: 154106
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 31.3 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 21.532 ng

RT: 6.940 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

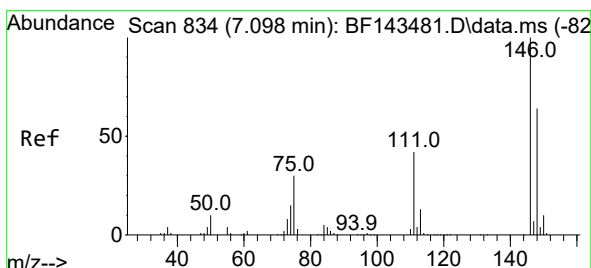
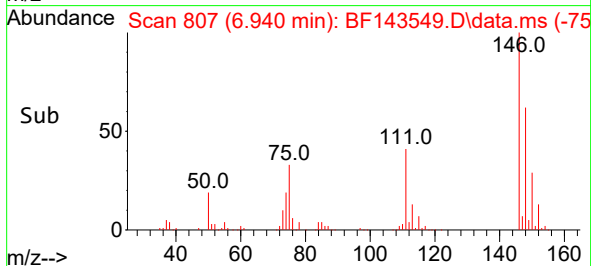
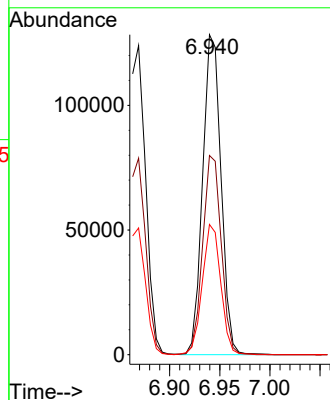
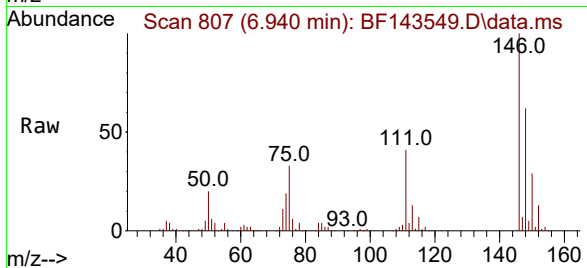
Tgt Ion:146 Resp: 164085

Ion Ratio Lower Upper

146 100

148 62.3 51.5 77.3

111 40.7 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 22.578 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

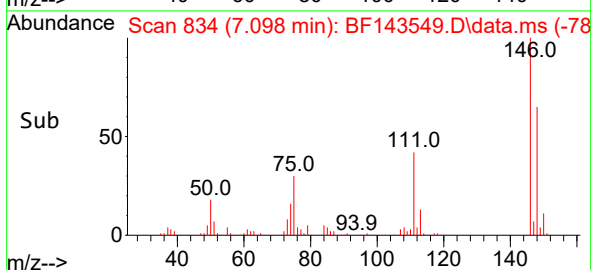
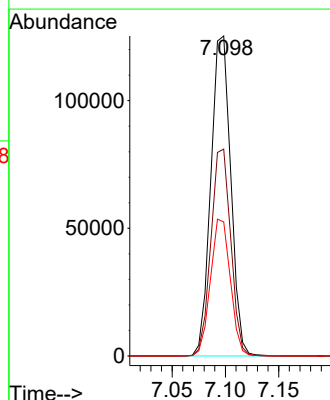
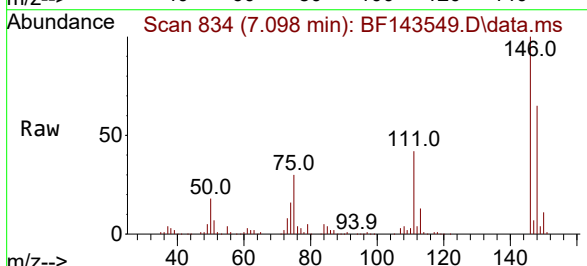
Tgt Ion:146 Resp: 162898

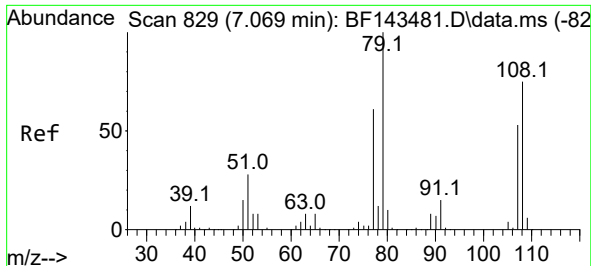
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

111 41.9 34.0 51.0

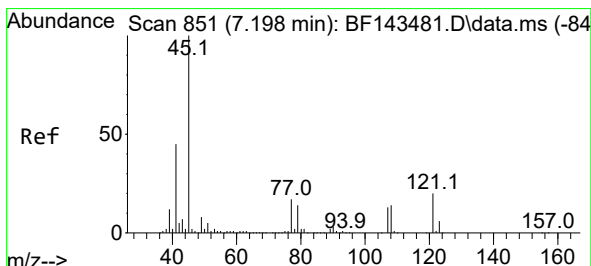
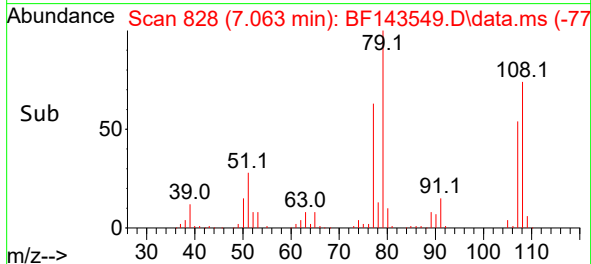
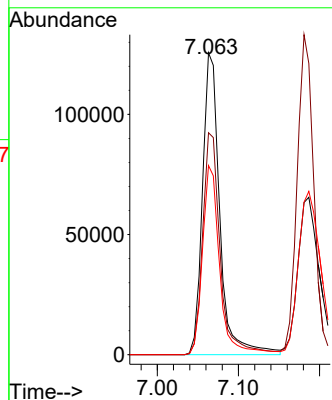
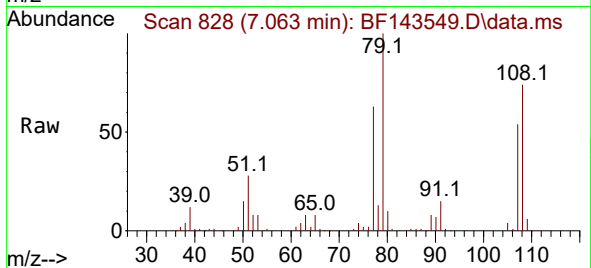




#15
Benzyl Alcohol
Concen: 32.953 ng
RT: 7.063 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

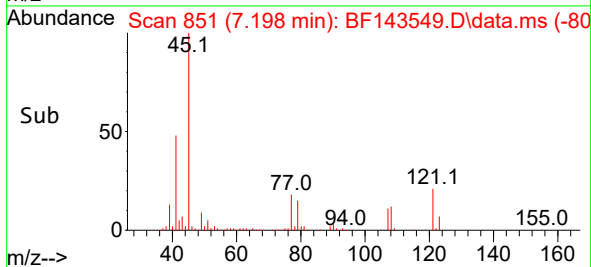
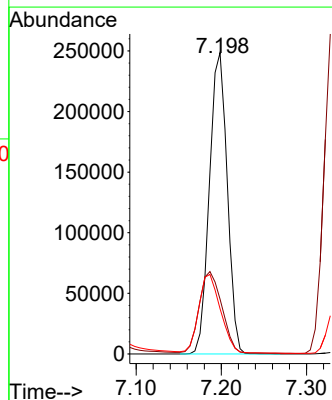
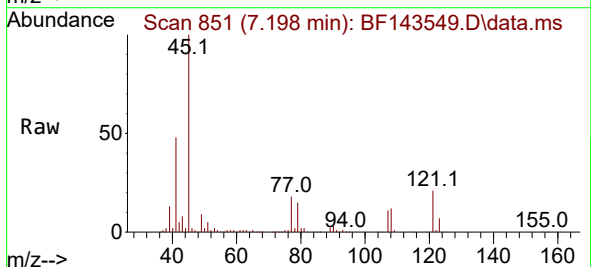
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

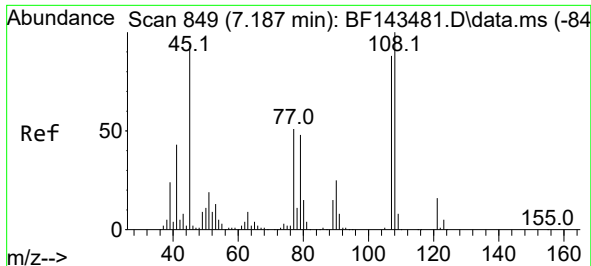
Tgt Ion: 79 Resp: 186434
Ion Ratio Lower Upper
79 100
108 73.5 59.8 89.6
77 62.6 49.0 73.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.788 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion: 45 Resp: 362053
Ion Ratio Lower Upper
45 100
77 18.2 0.0 37.9
79 15.0 0.0 34.7

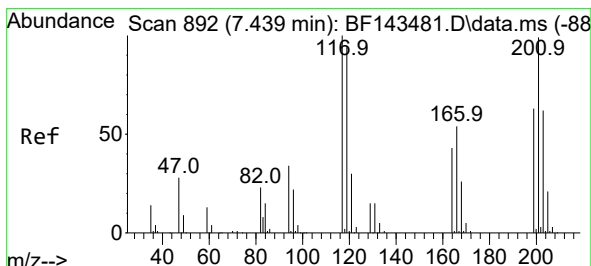
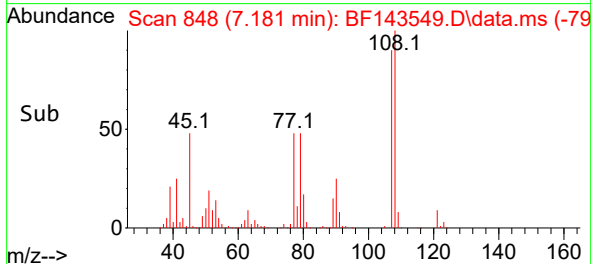
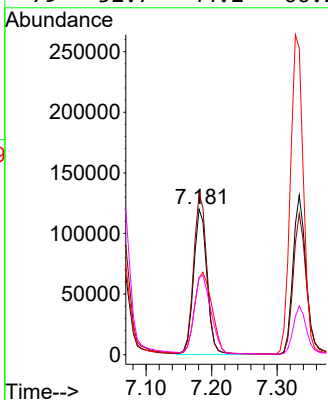
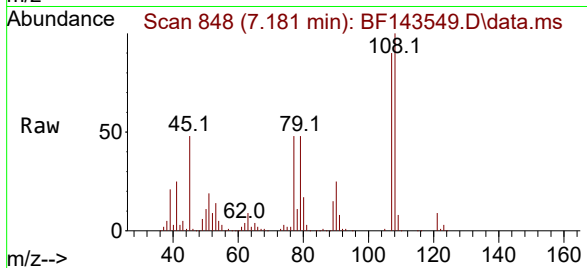




#17
2-Methylphenol
Concen: 31.681 ng
RT: 7.181 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

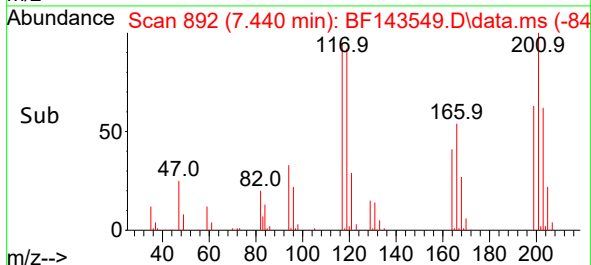
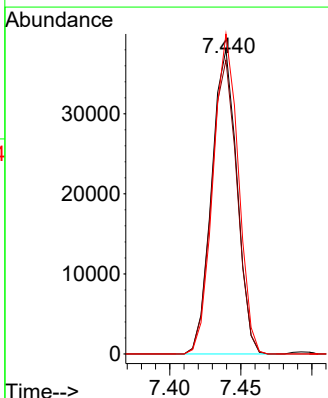
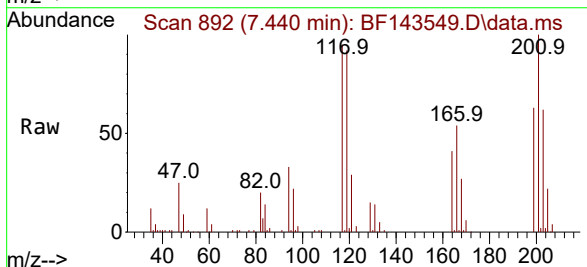
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

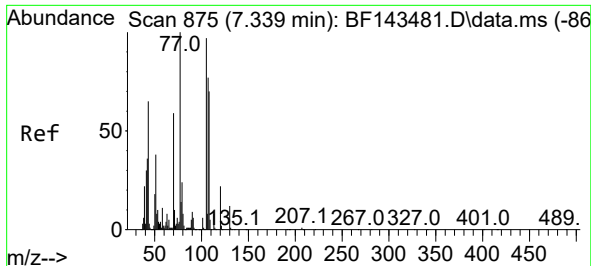
Tgt Ion:	107	Resp:	171915
Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.1	136.7
77	52.8	46.2	69.4
79	52.7	44.2	66.2



#18
Hexachloroethane
Concen: 18.178 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:	117	Resp:	47098
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
201	105.0	79.0	118.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.355 ng

RT: 7.334 min Scan# 875

Delta R.T. -0.018 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

Tgt Ion: 70 Resp: 204861

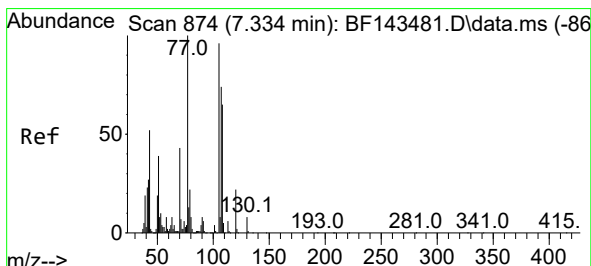
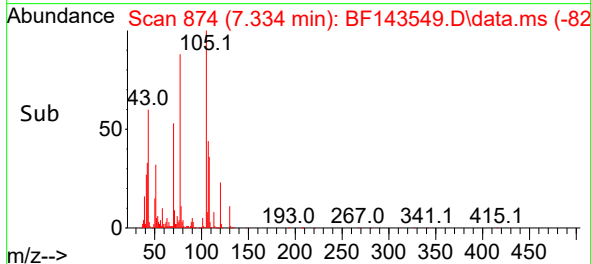
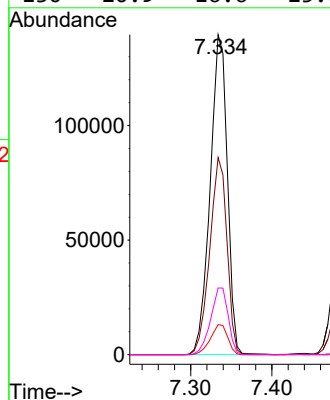
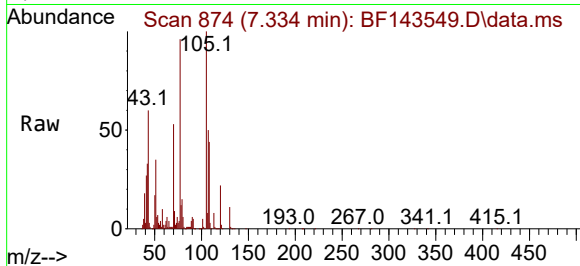
Ion Ratio Lower Upper

70 100

42 61.6 49.3 73.9

101 9.4 7.8 11.8

130 20.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 28.596 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Tgt Ion:107 Resp: 185243

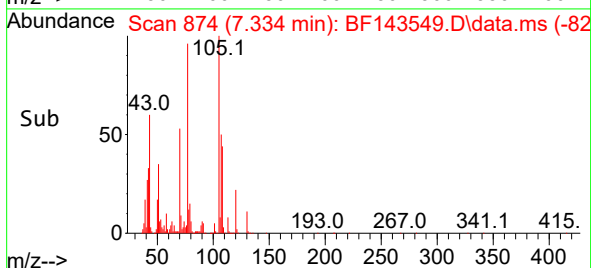
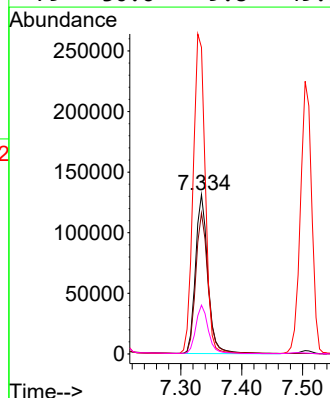
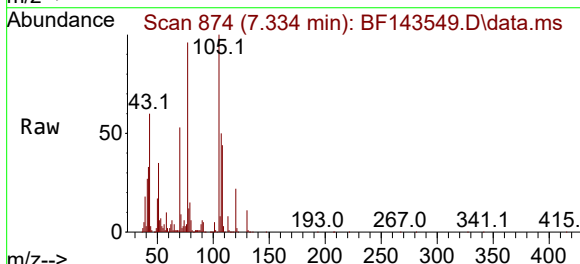
Ion Ratio Lower Upper

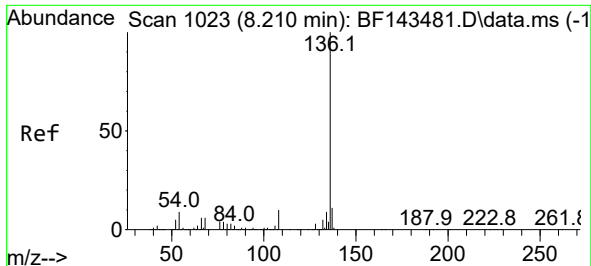
107 100

108 88.3 68.4 108.4

77 192.3 116.1 156.1#

79 30.6 9.8 49.8

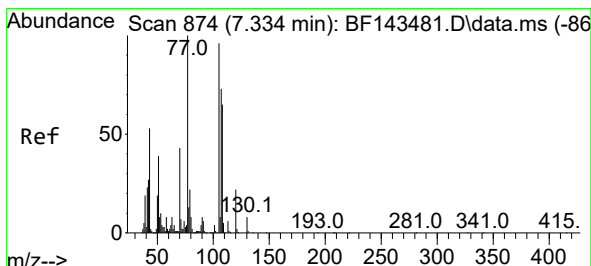
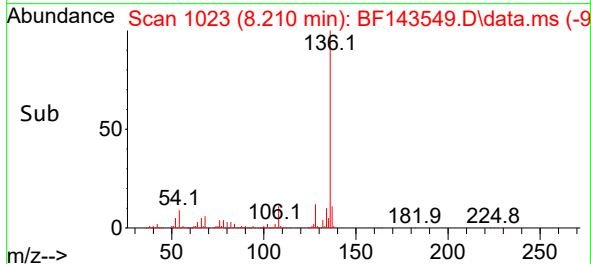
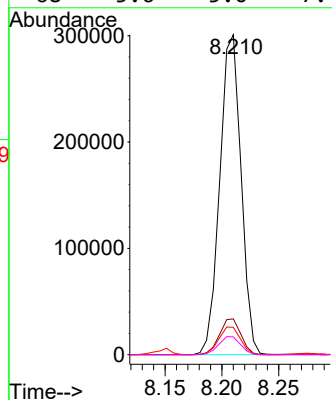
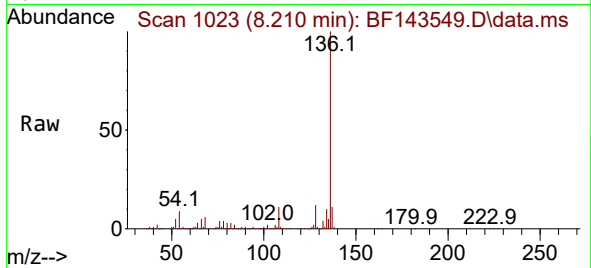




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

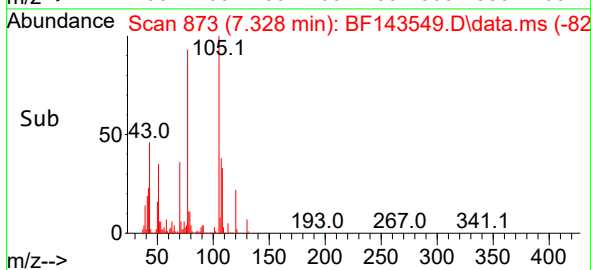
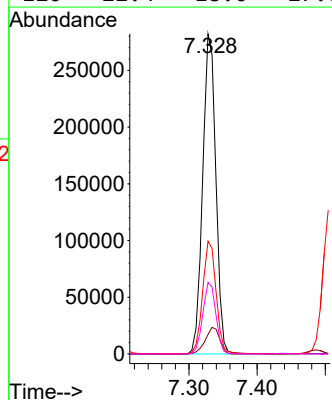
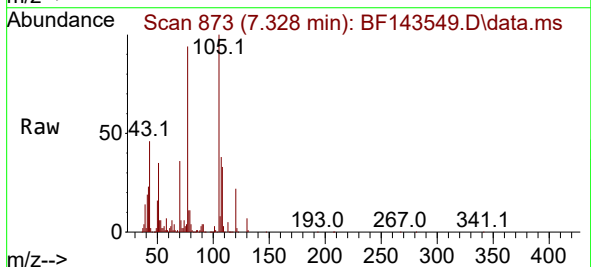
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

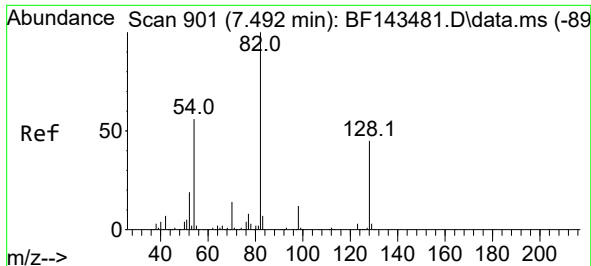
Tgt Ion	136	Resp: 392399	
	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.5	7.4	11.2
68	5.6	5.0	7.4



#22
Acetophenone
Concen: 44.679 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt	Ion:105	Resp:	378769
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.9	8.9
51	35.3	32.5	48.7
120	22.4	18.0	27.0





#23

Nitrobenzene-d5

Concen: 95.354 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

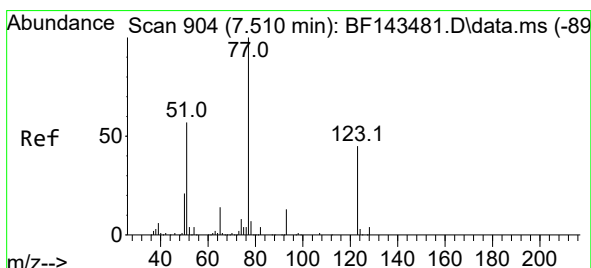
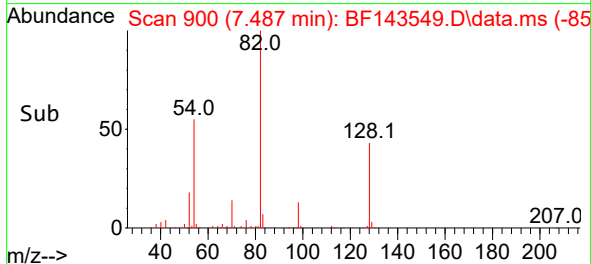
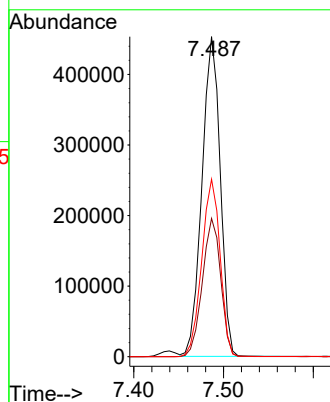
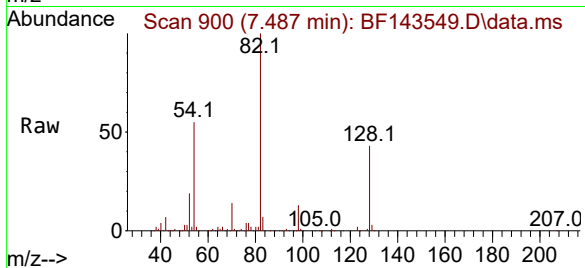
Tgt Ion: 82 Resp: 641196

Ion Ratio Lower Upper

82 100

128 43.2 35.5 53.3

54 55.5 44.3 66.5



#24

Nitrobenzene

Concen: 41.637 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

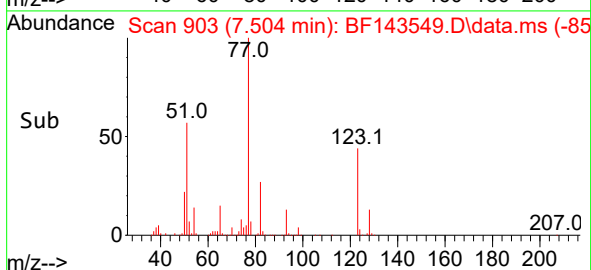
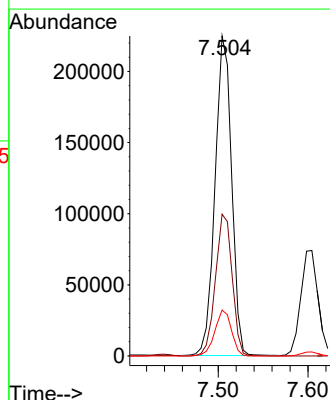
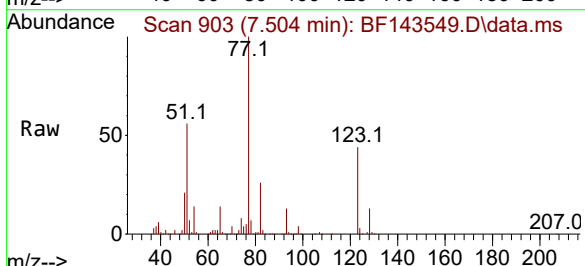
Tgt Ion: 77 Resp: 288164

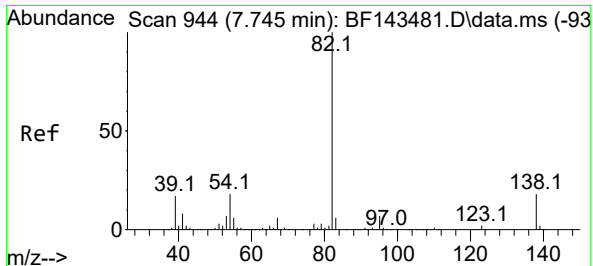
Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

65 14.4 11.0 16.6

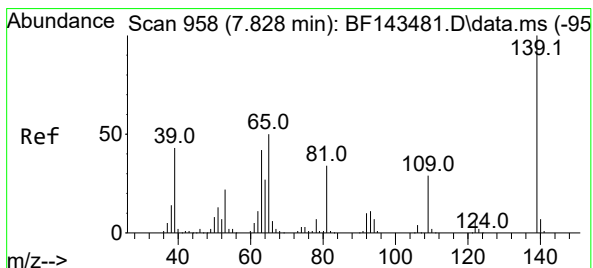
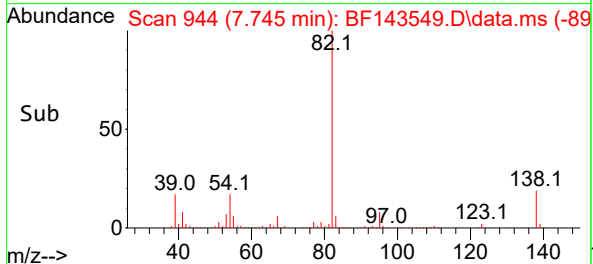
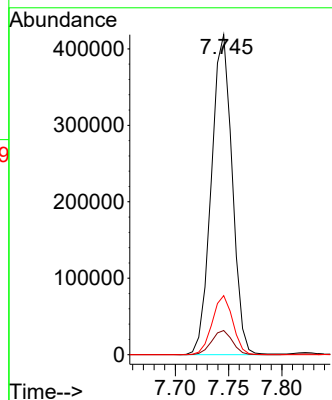
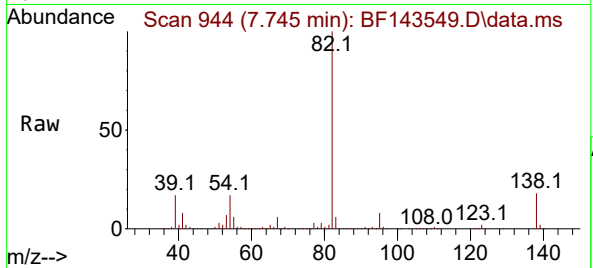




#25
Isophorone
Concen: 46.133 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

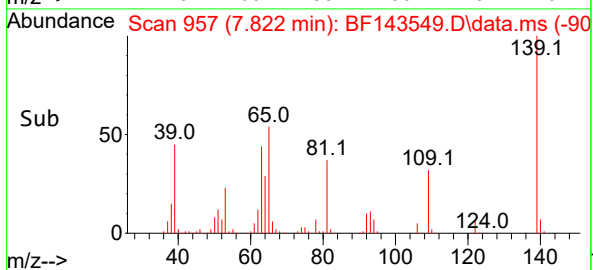
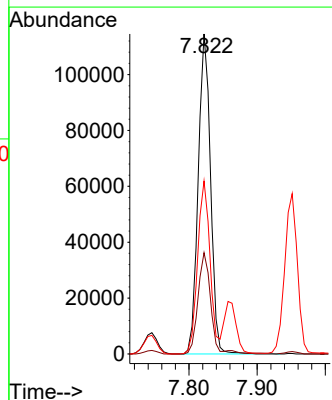
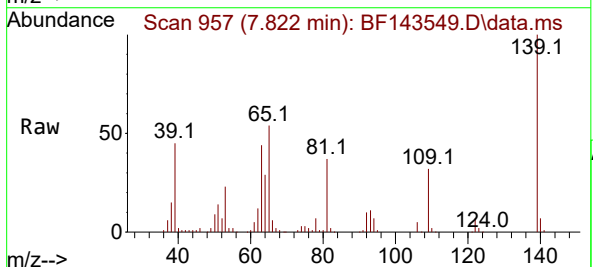
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

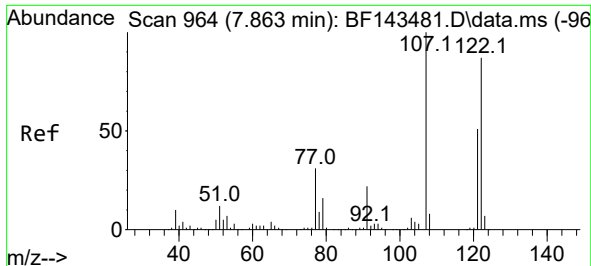
Tgt Ion: 82 Resp: 568657
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 18.4 14.2 21.4



#26
2-Nitrophenol
Concen: 42.572 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:139 Resp: 144326
Ion Ratio Lower Upper
139 100
109 31.7 23.0 34.6
65 54.1 40.3 60.5

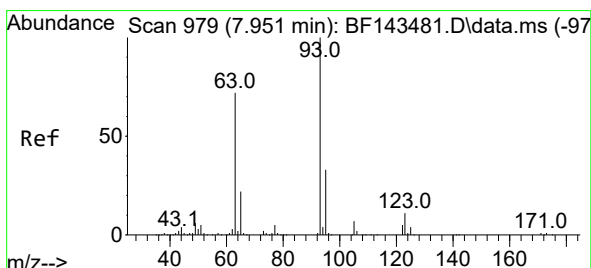
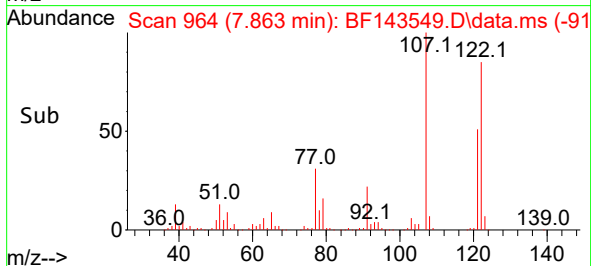
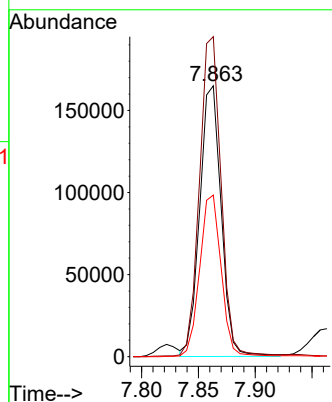
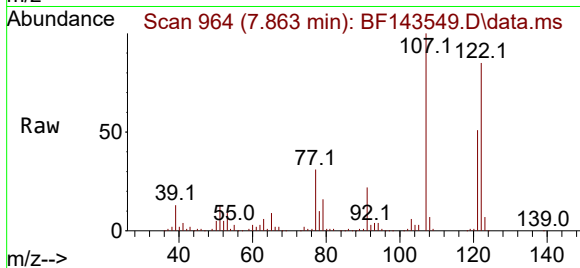




#27
2,4-Dimethylphenol
Concen: 41.052 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

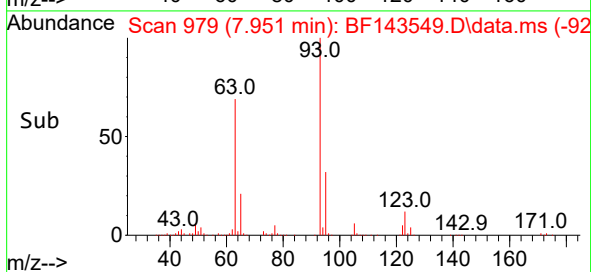
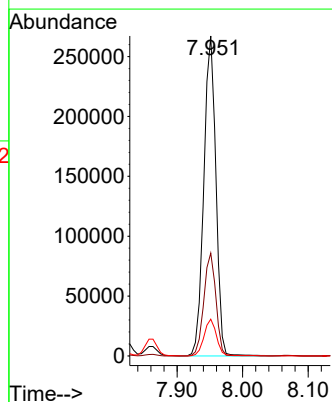
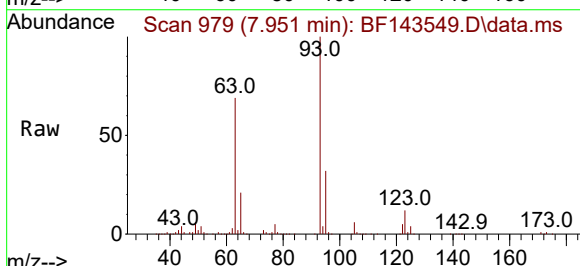
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

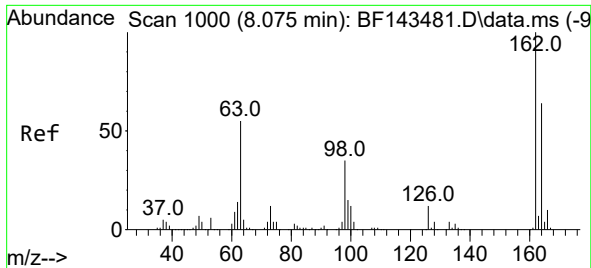
Tgt Ion:122 Resp: 216950
Ion Ratio Lower Upper
122 100
107 118.2 91.5 137.3
121 59.7 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.377 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion: 93 Resp: 343742
Ion Ratio Lower Upper
93 100
95 32.1 26.0 39.0
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.987 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

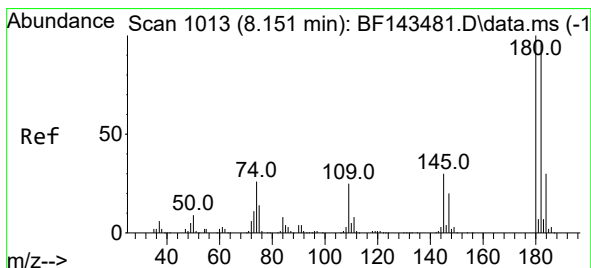
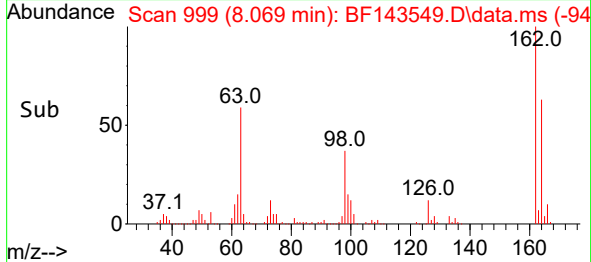
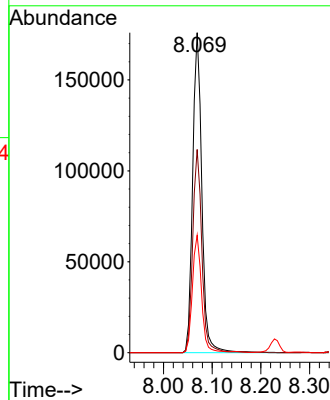
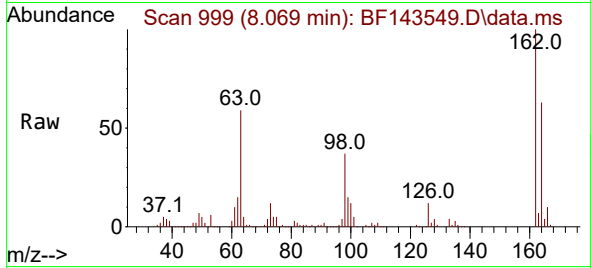
Tgt Ion:162 Resp: 231336

Ion Ratio Lower Upper

162 100

164 63.5 43.5 83.5

98 36.7 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 31.356 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

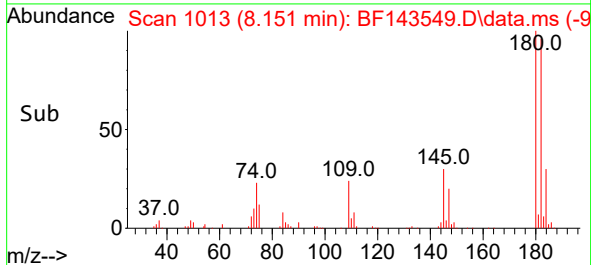
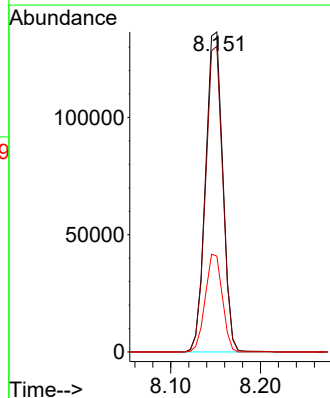
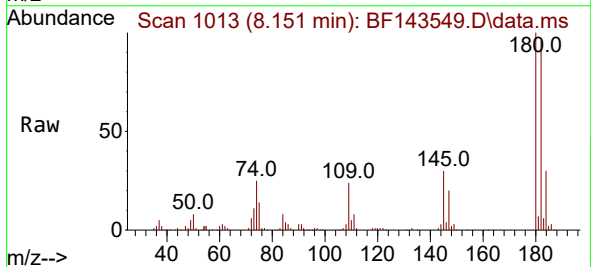
Tgt Ion:180 Resp: 181959

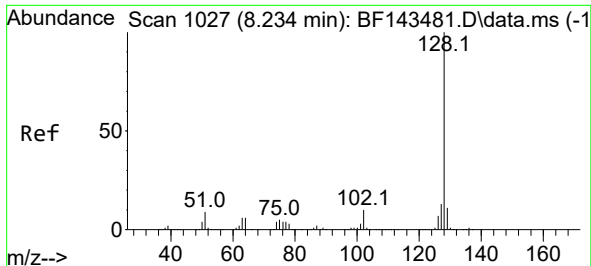
Ion Ratio Lower Upper

180 100

182 95.6 76.6 114.8

145 30.0 24.3 36.5

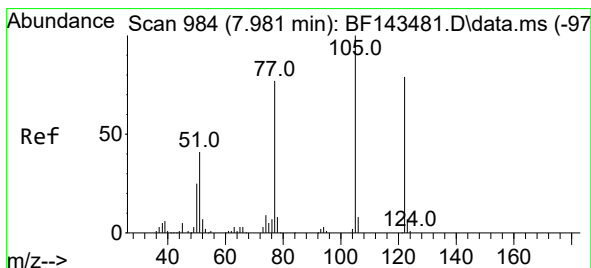
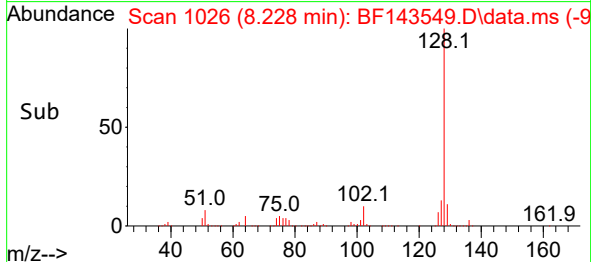
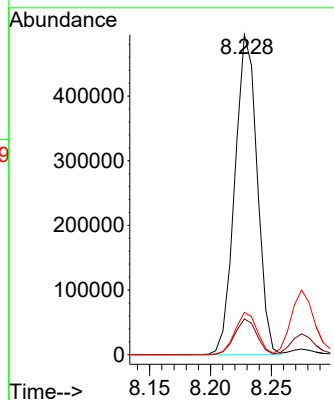
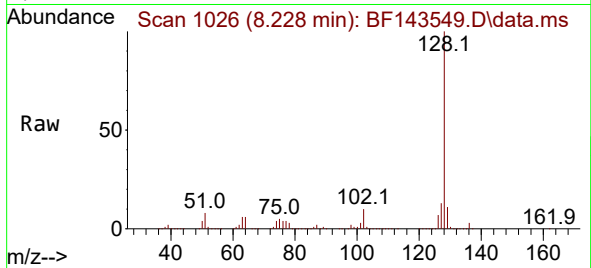




#31
Naphthalene
Concen: 33.437 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

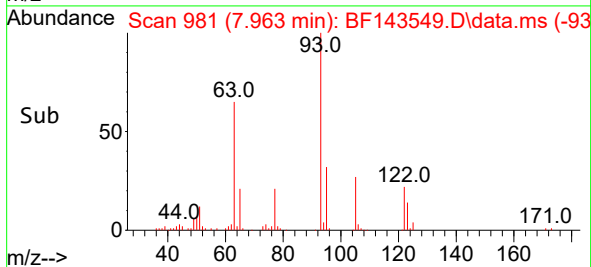
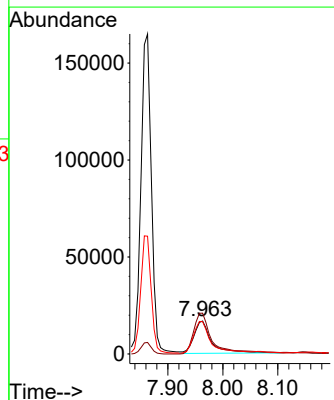
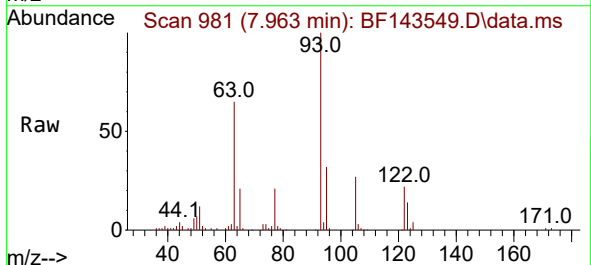
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

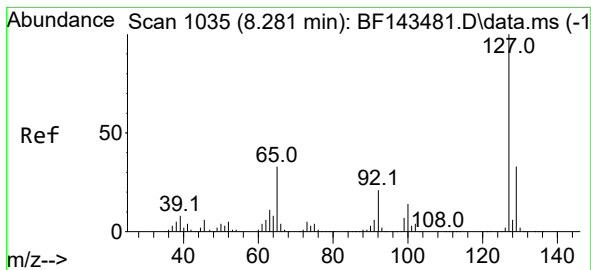
Tgt Ion:128 Resp: 629921
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 16.417 ng
RT: 7.963 min Scan# 981
Delta R.T. -0.047 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:122 Resp: 36947
Ion Ratio Lower Upper
122 100
105 123.7 104.7 144.7
77 98.1 77.3 117.3





#33

4-Chloroaniline

Concen: 21.116 ng

RT: 8.275 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

Tgt Ion:127 Resp: 141191

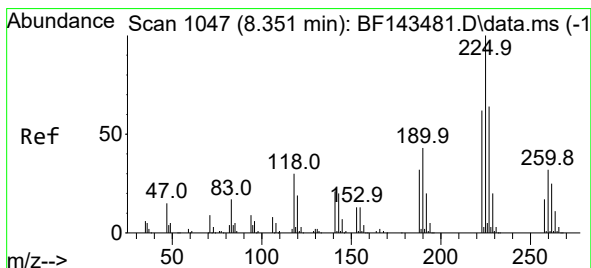
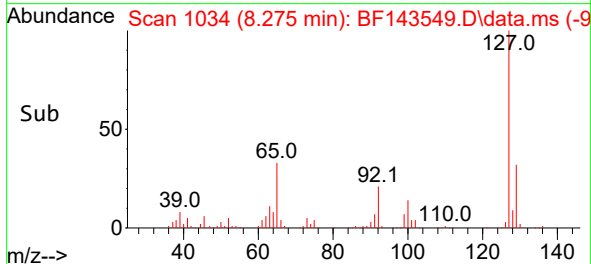
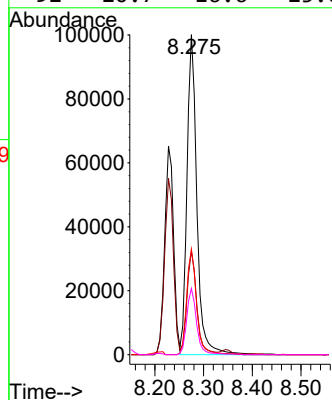
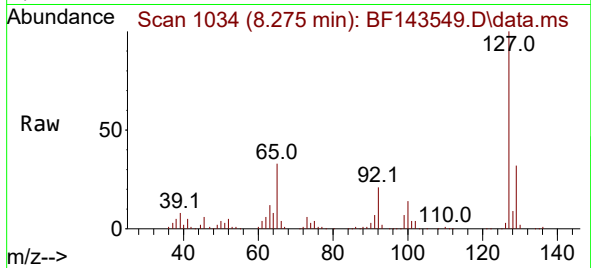
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 33.0 26.2 39.2

92 20.7 16.6 25.0



#34

Hexachlorobutadiene

Concen: 24.429 ng

RT: 8.345 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

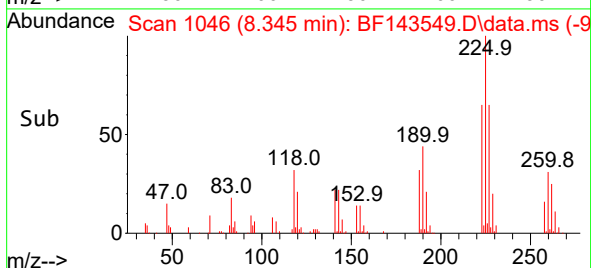
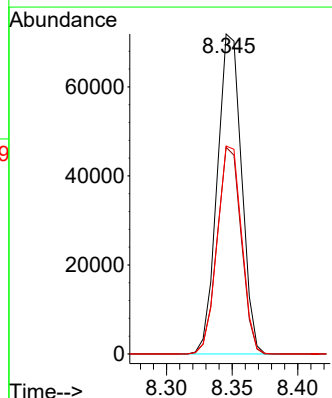
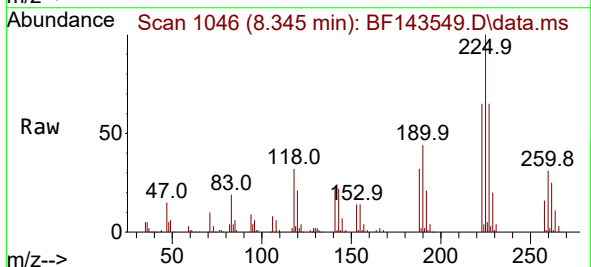
Tgt Ion:225 Resp: 92488

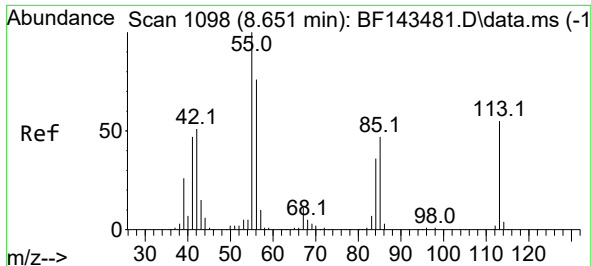
Ion Ratio Lower Upper

225 100

223 64.6 49.9 74.9

227 65.0 50.9 76.3





#35

Caprolactam

Concen: 10.657 ng

RT: 8.640 min Scan# 1096

Delta R.T. -0.035 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

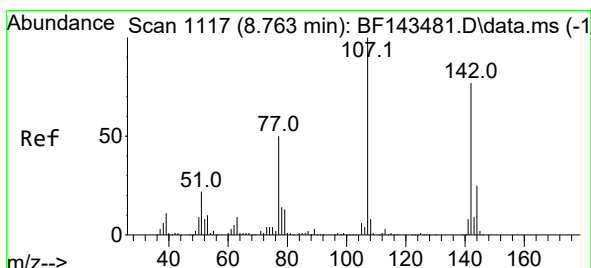
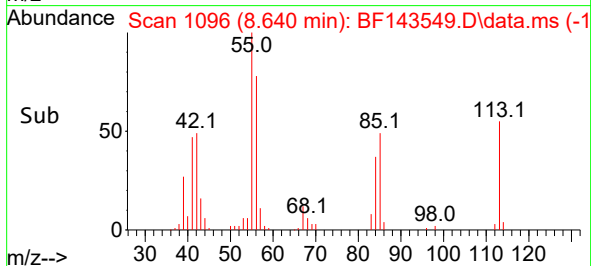
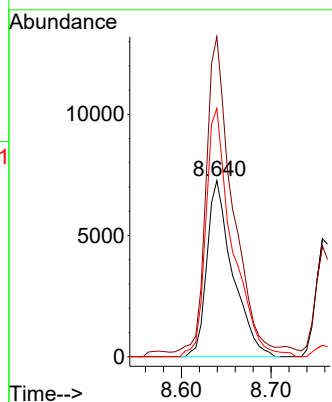
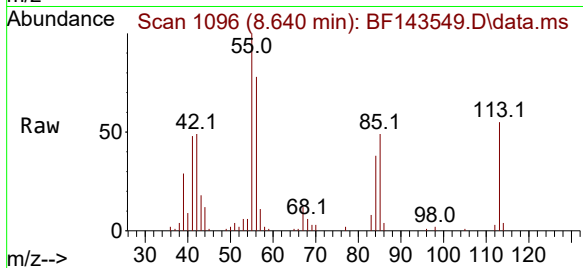
Tgt Ion:113 Resp: 14433

Ion Ratio Lower Upper

113 100

55 181.8 162.8 202.8

56 141.1 118.1 158.1



#36

4-Chloro-3-methylphenol

Concen: 40.747 ng

RT: 8.757 min Scan# 1116

Delta R.T. -0.012 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

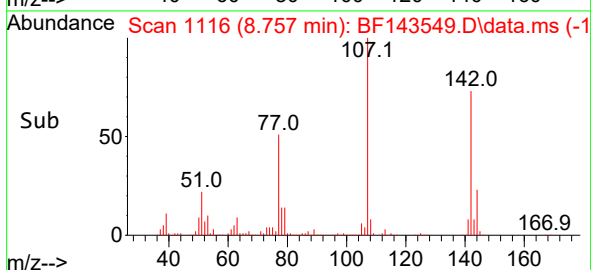
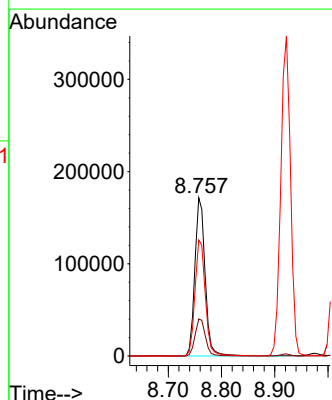
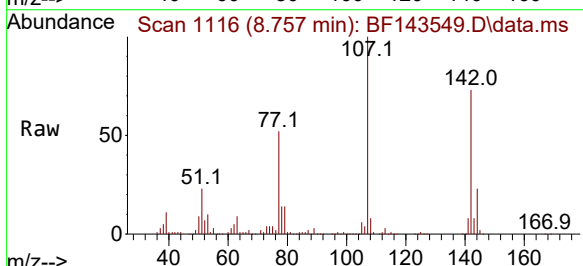
Tgt Ion:107 Resp: 230476

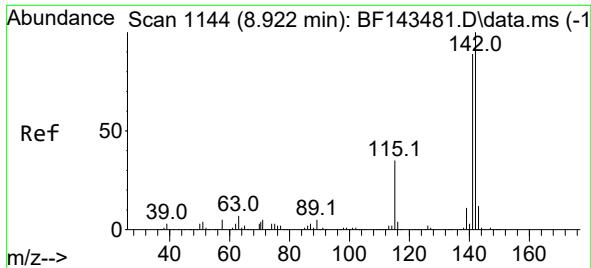
Ion Ratio Lower Upper

107 100

144 23.3 19.9 29.9

142 73.3 61.8 92.8

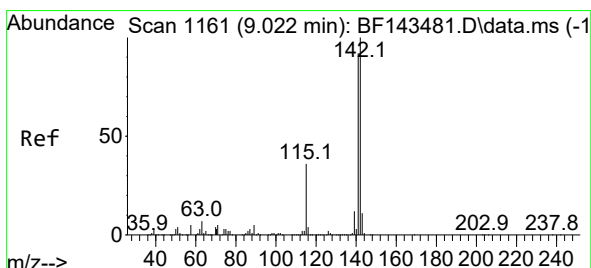
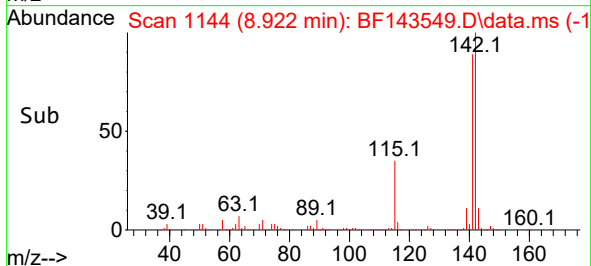
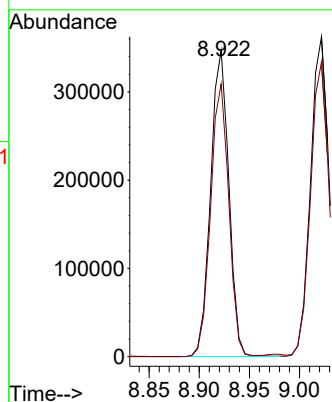
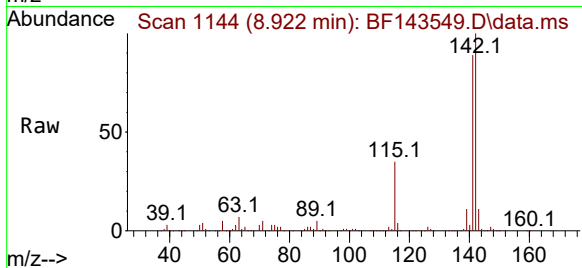




#37
2-Methylnaphthalene
Concen: 34.878 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

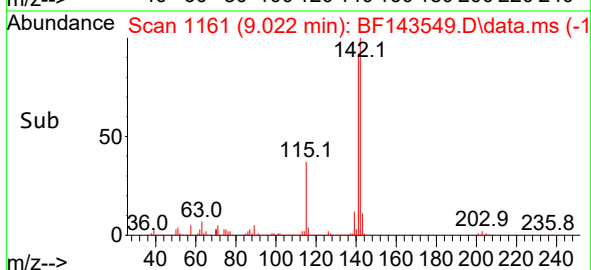
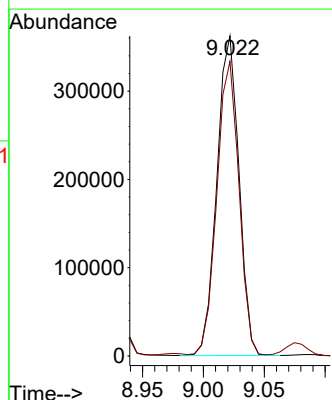
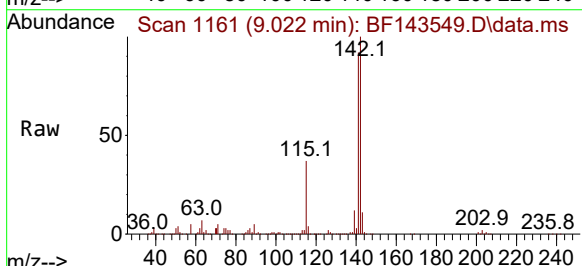
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

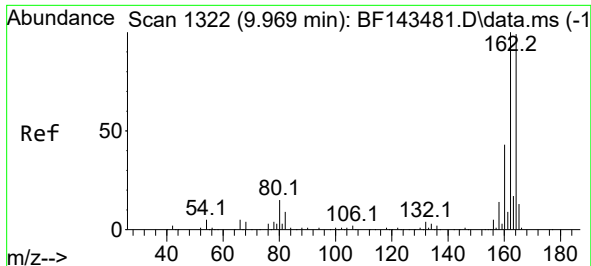
Tgt Ion:142 Resp: 438852
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4



#38
1-Methylnaphthalene
Concen: 37.978 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:142 Resp: 457089
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

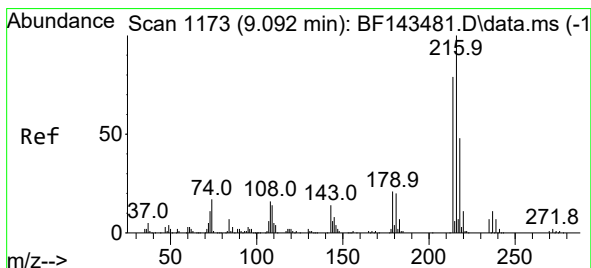
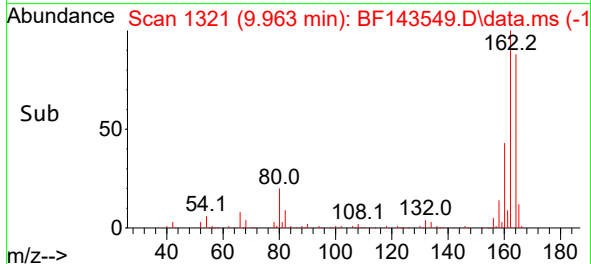
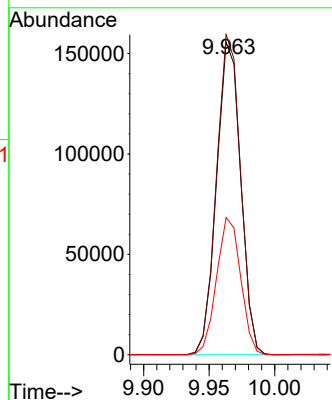
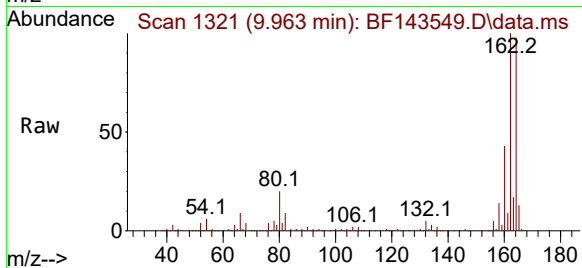
Tgt Ion:164 Resp: 198833

Ion Ratio Lower Upper

164 100

162 102.3 80.5 120.7

160 43.9 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.968 ng

RT: 9.087 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Tgt Ion:216 Resp: 238686

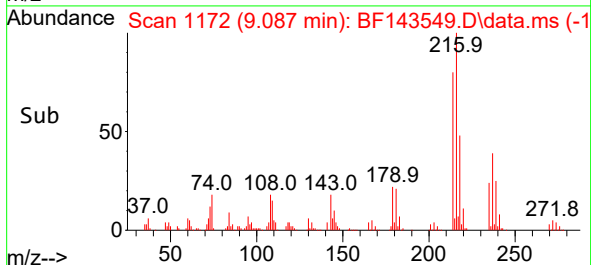
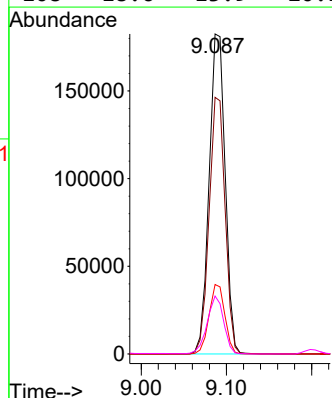
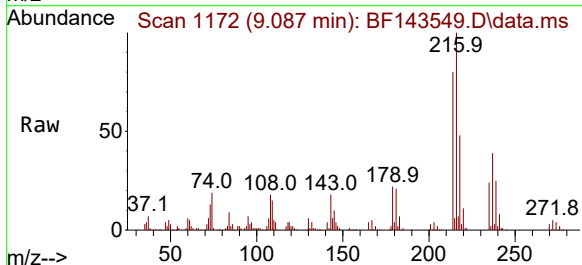
Ion Ratio Lower Upper

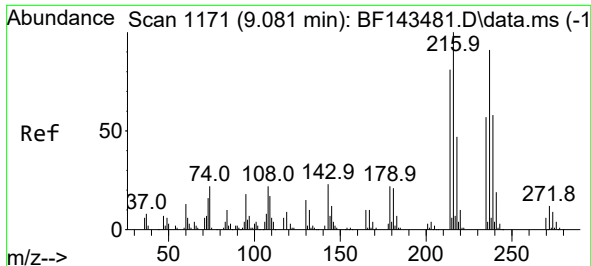
216 100

214 80.0 63.4 95.0

179 21.4 16.5 24.7

108 18.6 13.9 20.9

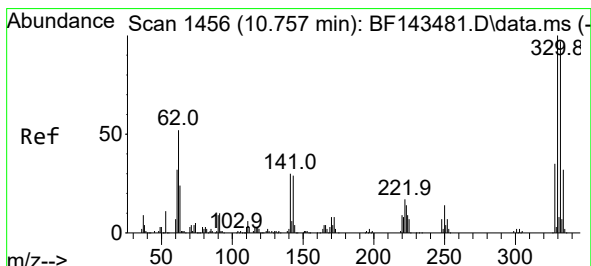
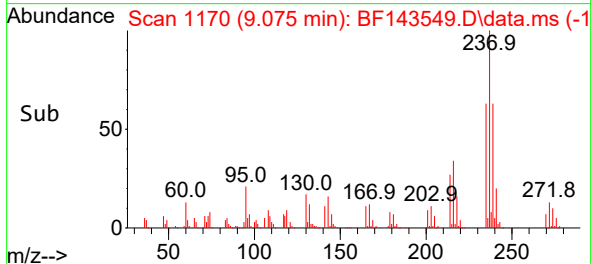
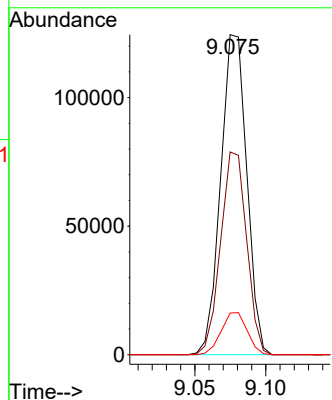
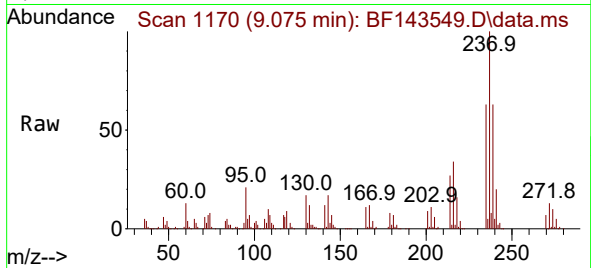




#41
Hexachlorocyclopentadiene
Concen: 72.686 ng
RT: 9.075 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

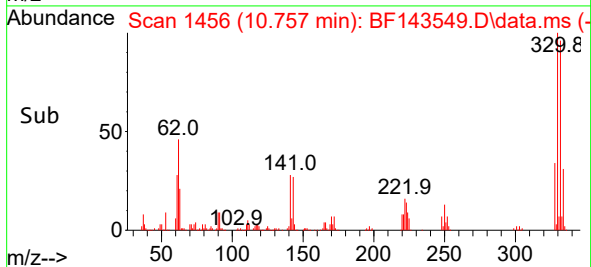
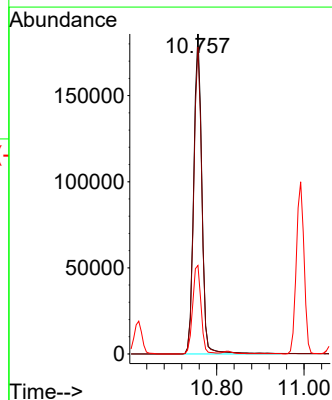
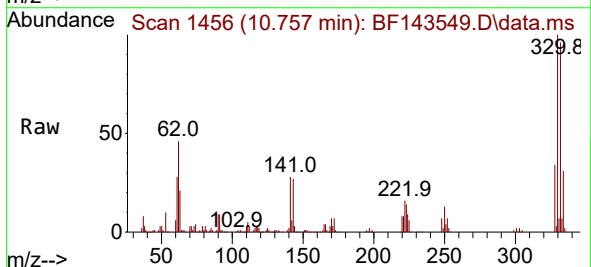
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

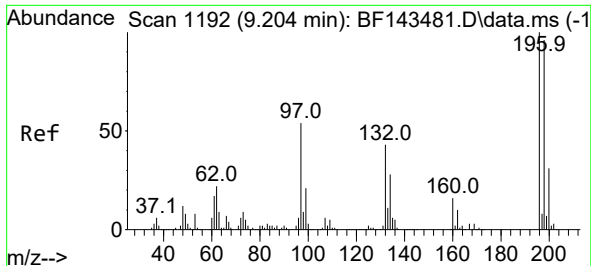
Tgt Ion:237 Resp: 159207
Ion Ratio Lower Upper
237 100
235 63.3 42.6 82.6
272 13.0 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 129.823 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:330 Resp: 240282
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 28.6 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 47.028 ng

RT: 9.198 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

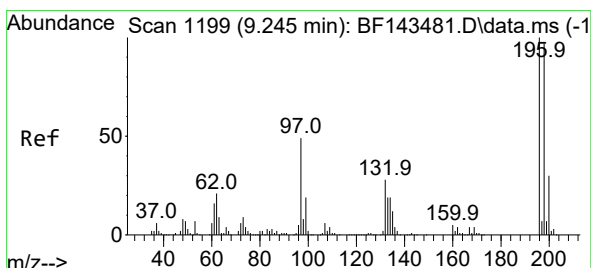
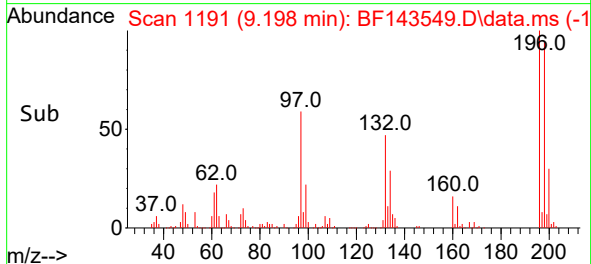
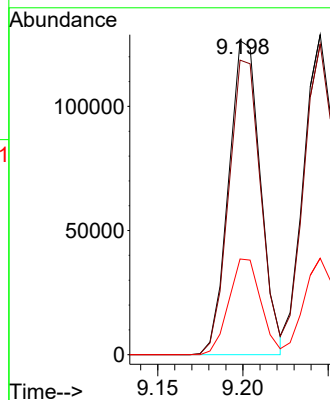
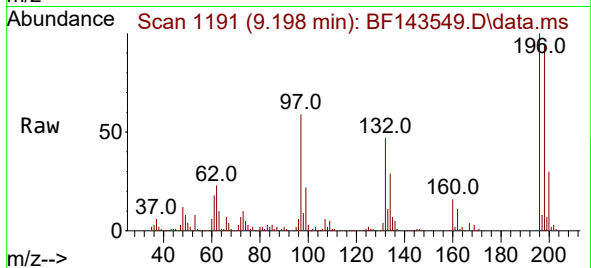
Tgt Ion:196 Resp: 164579

Ion Ratio Lower Upper

196 100

198 93.8 77.0 115.4

200 30.5 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 45.509 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Tgt Ion:196 Resp: 173965

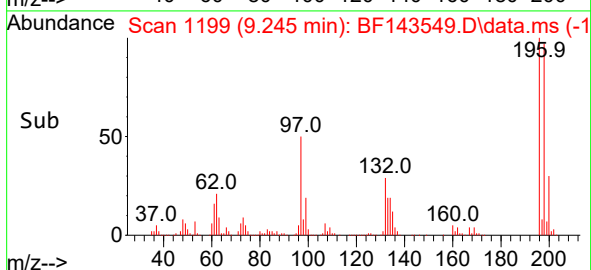
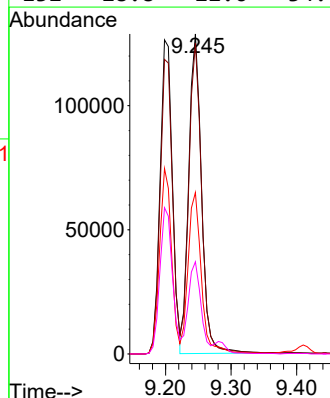
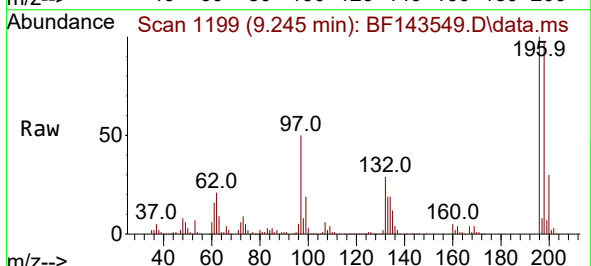
Ion Ratio Lower Upper

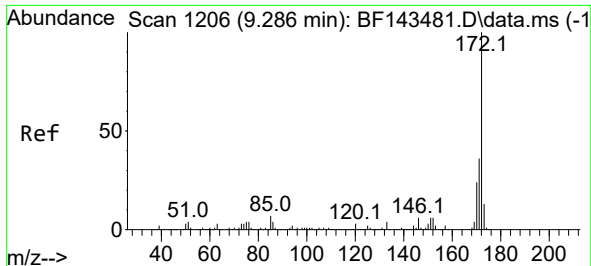
196 100

198 97.0 77.3 115.9

97 50.5 40.0 60.0

132 28.8 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 93.967 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

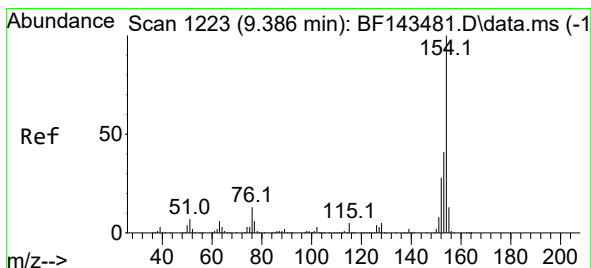
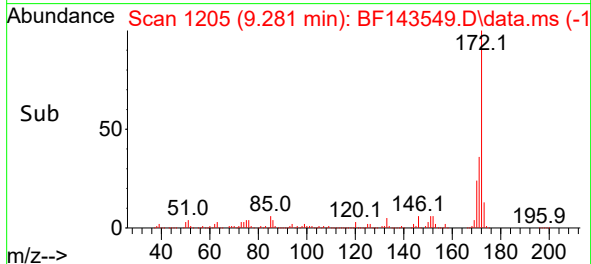
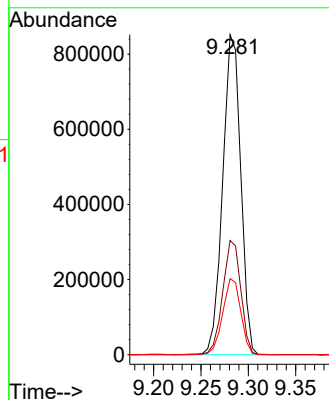
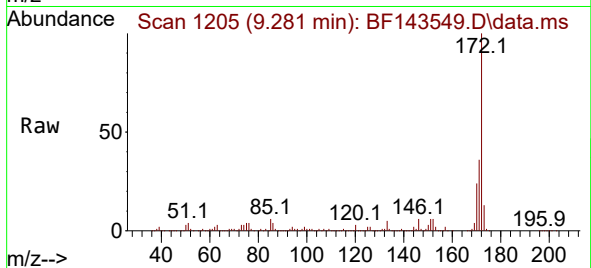
Tgt Ion:172 Resp: 1130518

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 45.056 ng

RT: 9.387 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

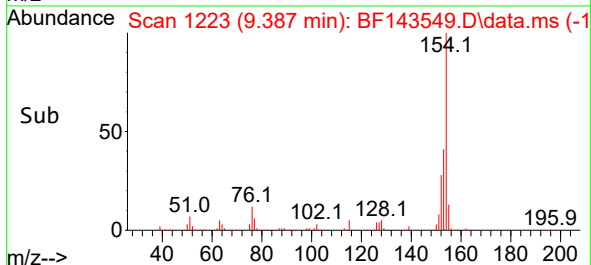
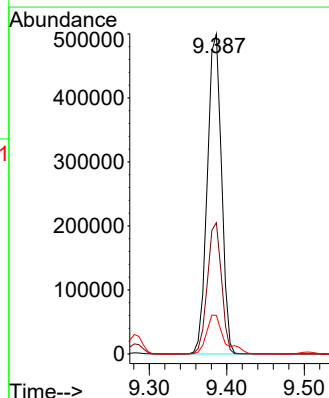
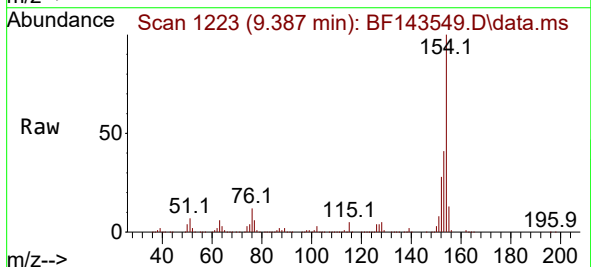
Tgt Ion:154 Resp: 635872

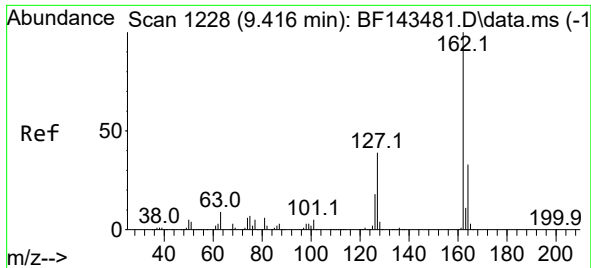
Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

76 12.0 0.0 33.0

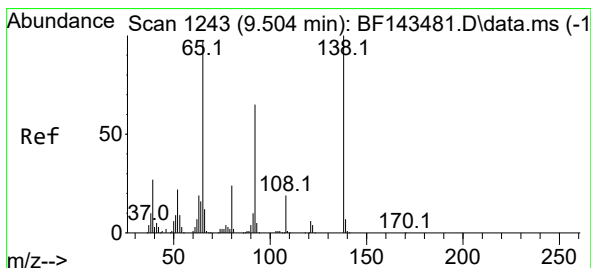
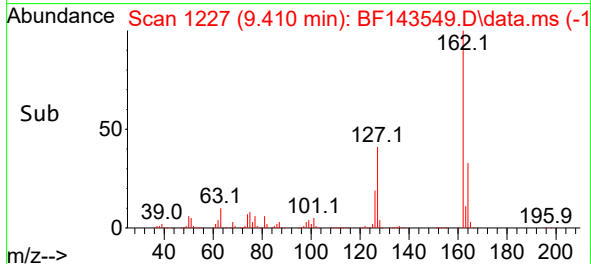
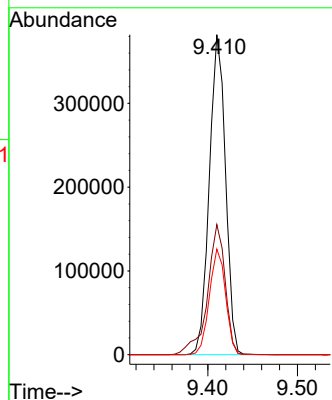
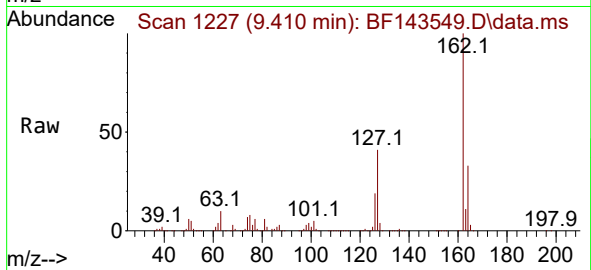




#47
2-Chloronaphthalene
Concen: 43.240 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

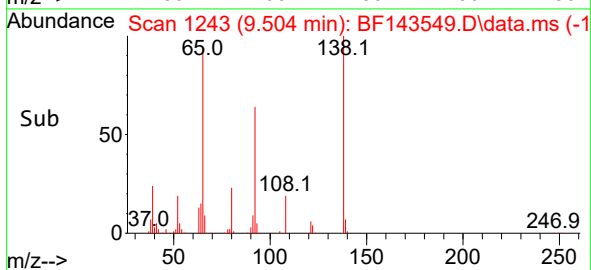
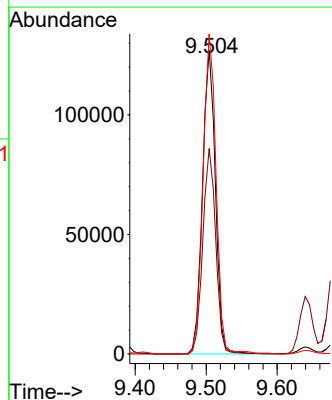
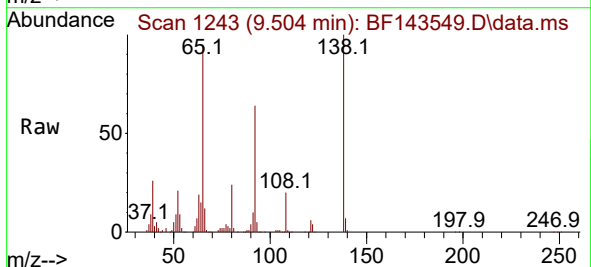
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

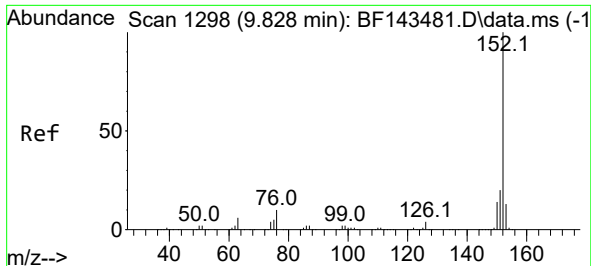
Tgt Ion:162 Resp: 478806
Ion Ratio Lower Upper
162 100
127 40.7 31.8 47.6
164 33.0 26.4 39.6



#48
2-Nitroaniline
Concen: 49.830 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

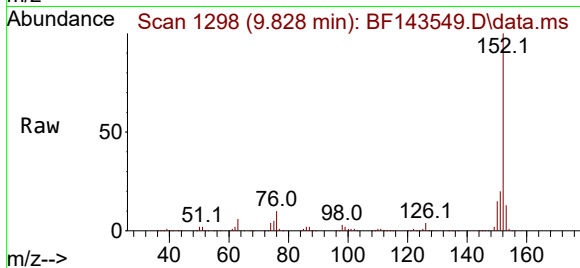
Tgt Ion: 65 Resp: 161485
Ion Ratio Lower Upper
65 100
92 67.6 53.8 80.6
138 105.3 82.4 123.6



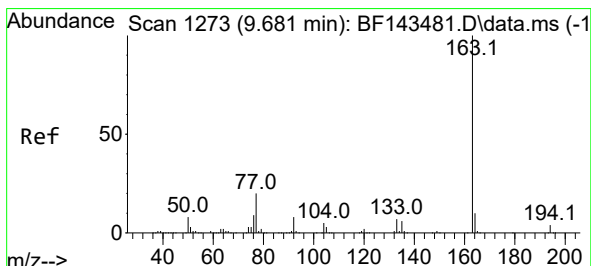
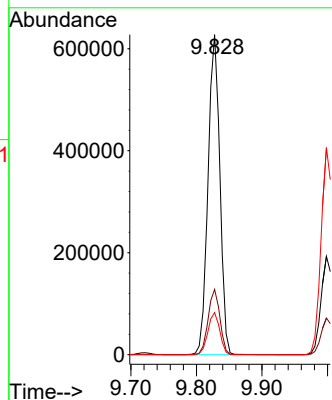
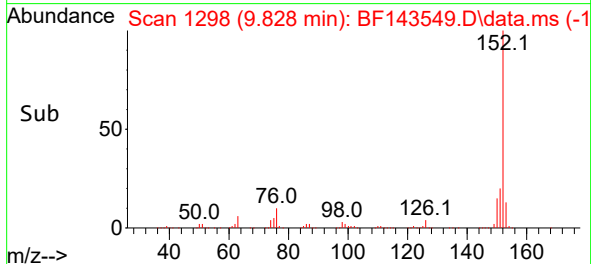


#49
Acenaphthylene
Concen: 49.718 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

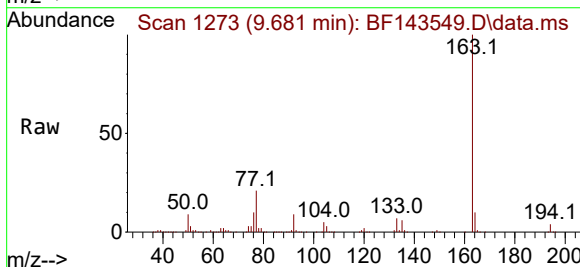
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD



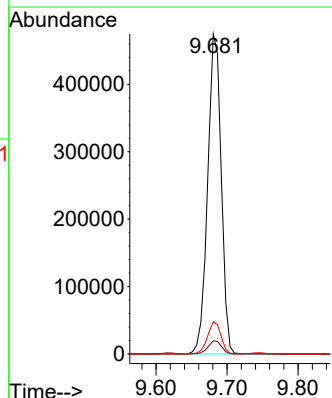
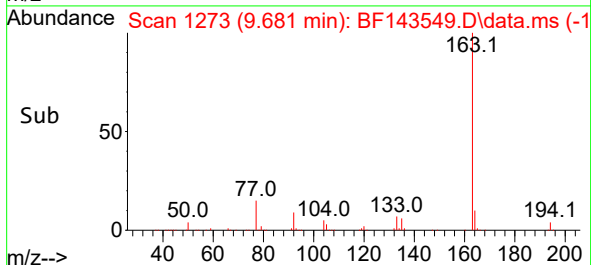
Tgt Ion:152 Resp: 788297
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.2 10.6 15.8

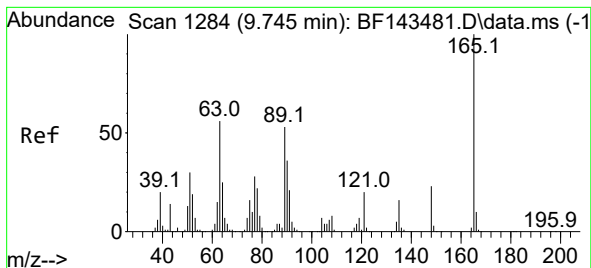


#50
Dimethylphthalate
Concen: 52.706 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21



Tgt Ion:163 Resp: 631164
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.2 12.2

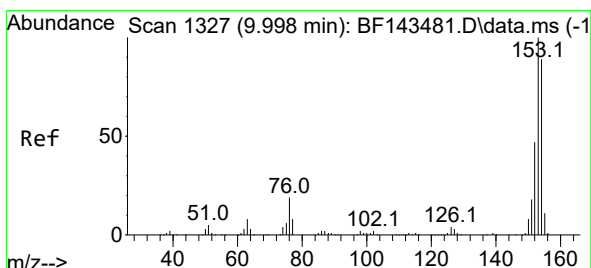
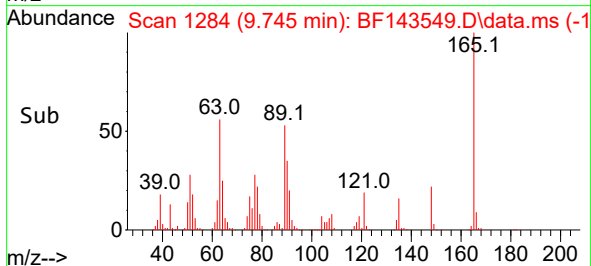
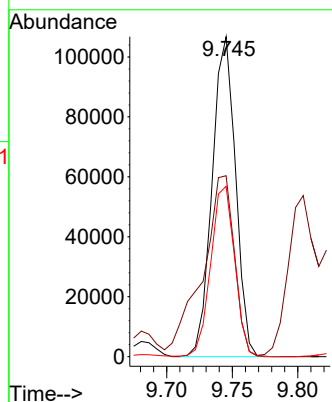
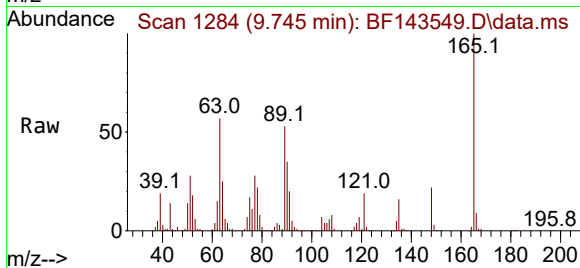




#51
2,6-Dinitrotoluene
Concen: 53.338 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

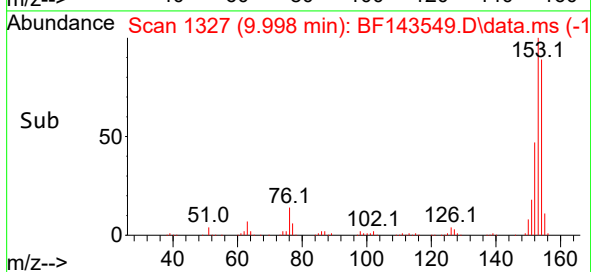
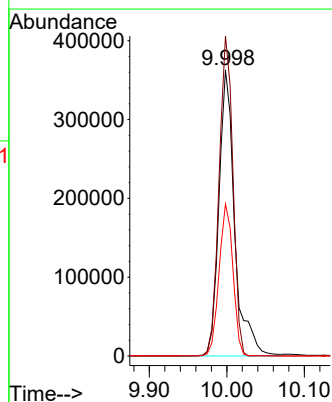
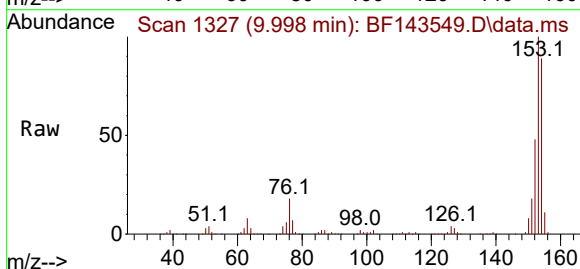
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

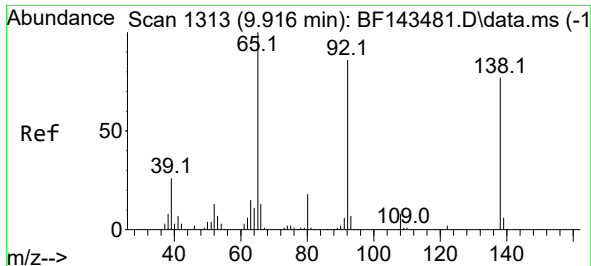
Tgt Ion:165 Resp: 132380
Ion Ratio Lower Upper
165 100
63 56.5 45.0 67.6
89 53.2 42.5 63.7



#52
Acenaphthene
Concen: 47.705 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:154 Resp: 513549
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.1 42.5 63.7

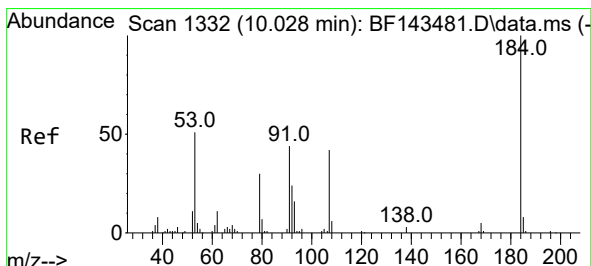
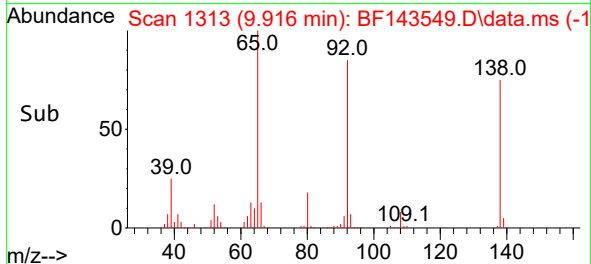
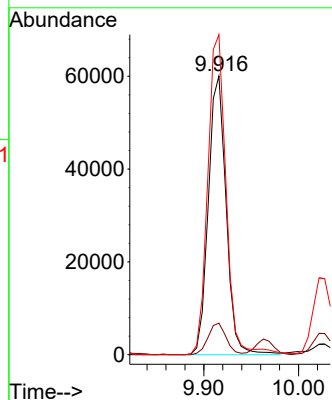
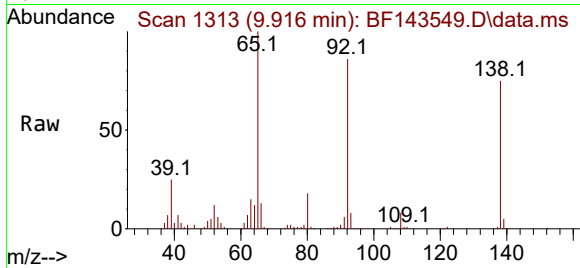




#53
3-Nitroaniline
Concen: 29.218 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

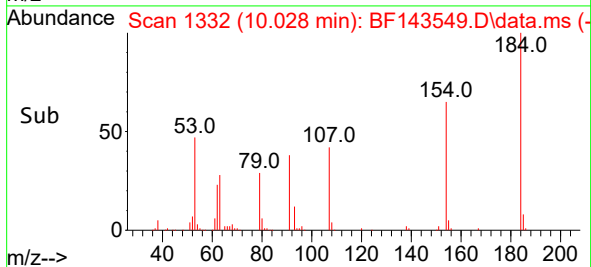
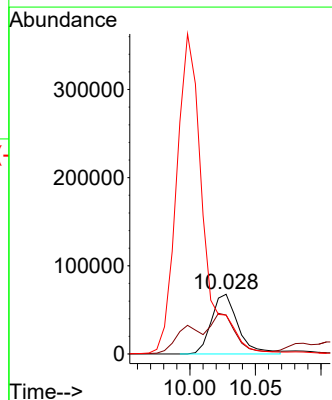
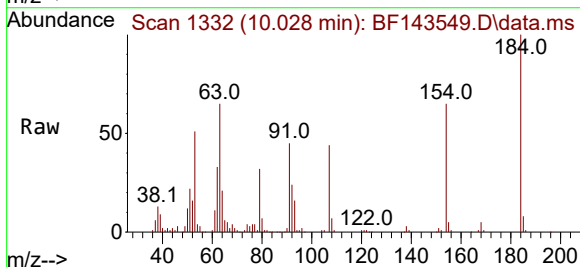
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

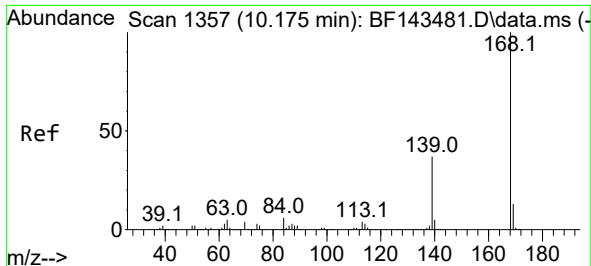
Tgt Ion:138 Resp: 78358
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 114.8 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 72.973 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:184 Resp: 96195
Ion Ratio Lower Upper
184 100
63 65.0 52.6 78.8
154 65.0 51.0 76.4

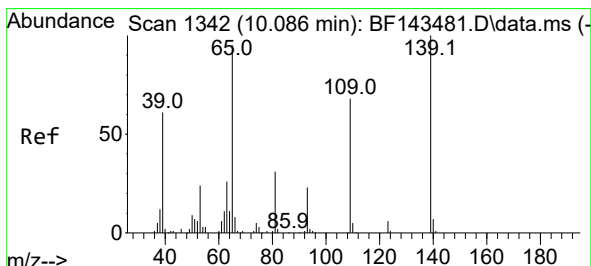
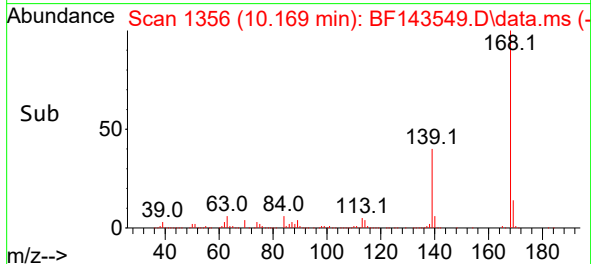
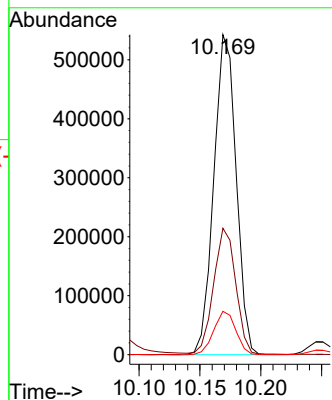
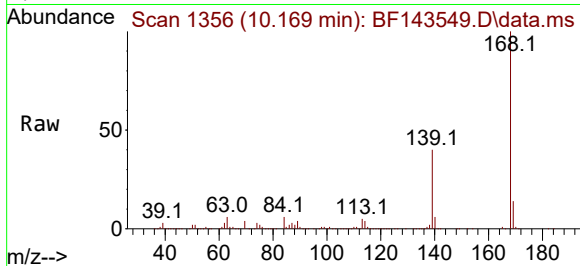




#55
Dibenzenofuran
Concen: 45.124 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

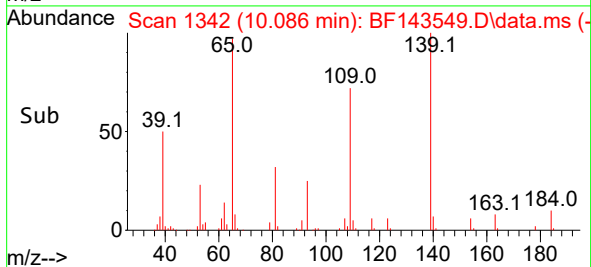
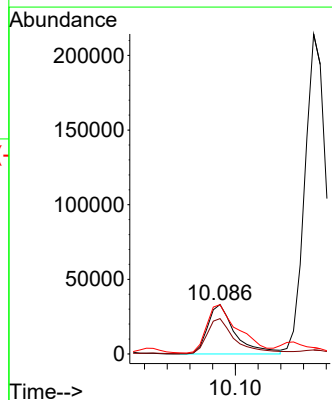
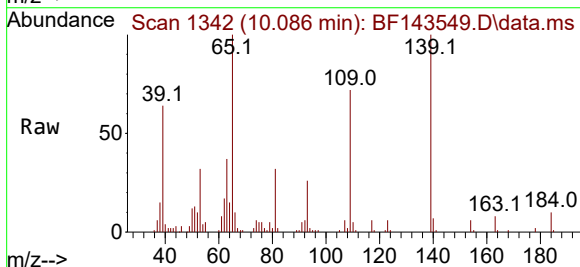
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

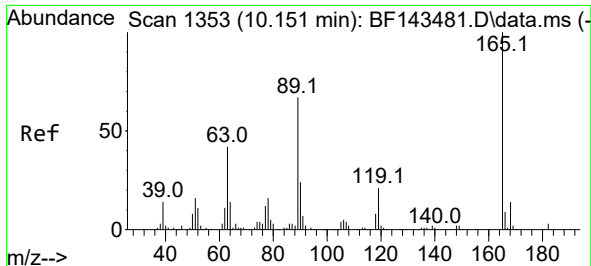
Tgt Ion:168 Resp: 692556
Ion Ratio Lower Upper
168 100
139 39.5 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 35.000 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:139 Resp: 55850
Ion Ratio Lower Upper
139 100
109 71.5 48.2 88.2
65 99.7 75.8 115.8

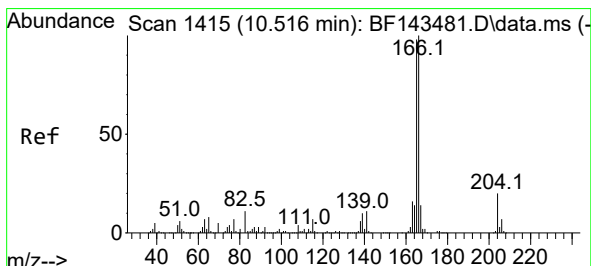
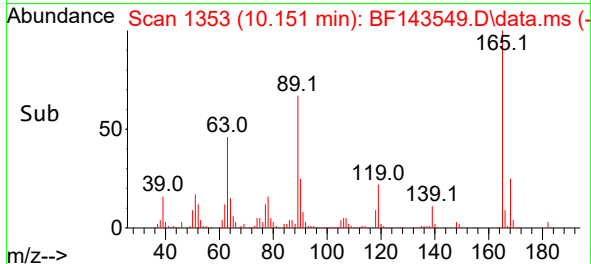
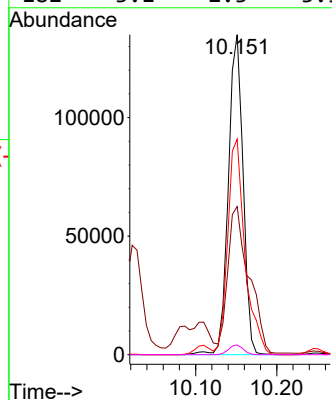
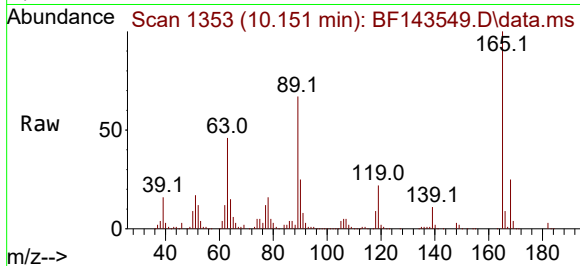




#57
2,4-Dinitrotoluene
Concen: 51.239 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

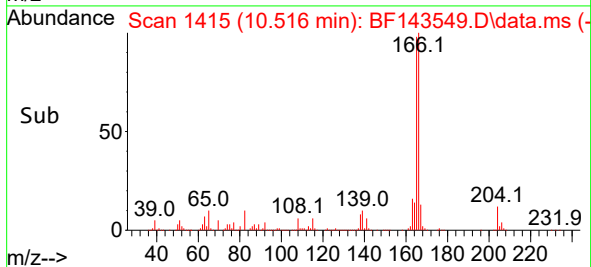
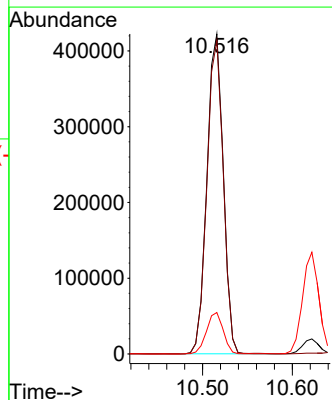
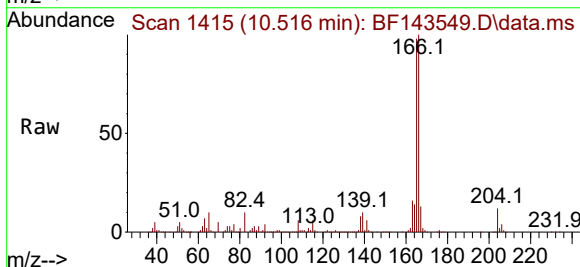
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

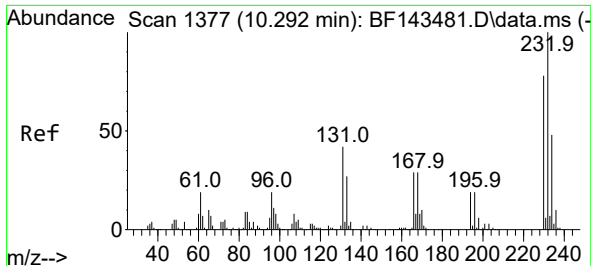
Tgt Ion:165 Resp: 169805
Ion Ratio Lower Upper
165 100
63 46.3 34.9 52.3
89 67.4 53.3 79.9
182 3.1 2.3 3.5



#58
Fluorene
Concen: 45.231 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

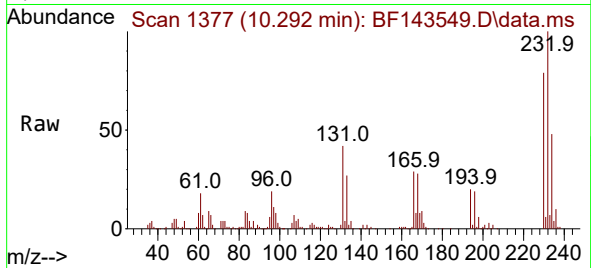
Tgt Ion:166 Resp: 534295
Ion Ratio Lower Upper
166 100
165 97.9 78.3 117.5
167 12.9 11.0 16.4



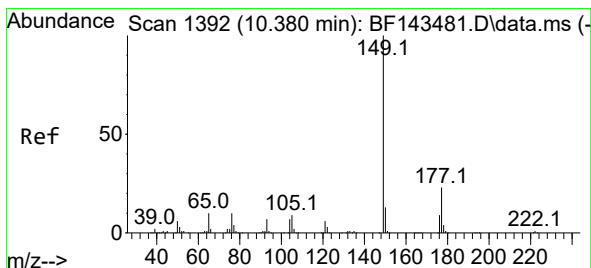
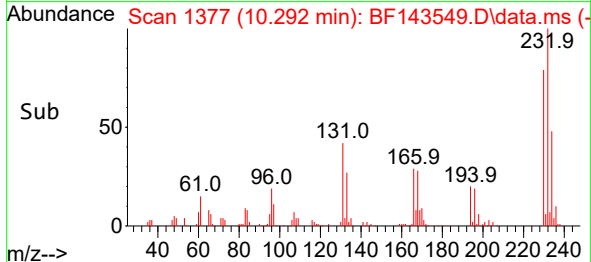
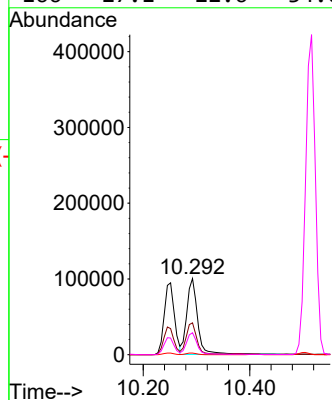


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.945 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

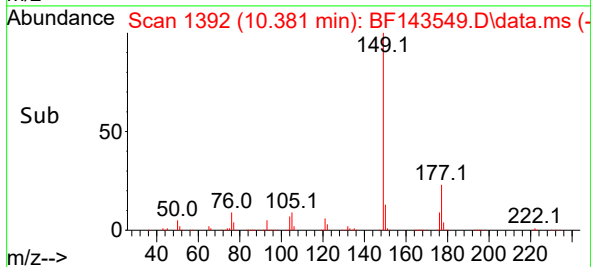
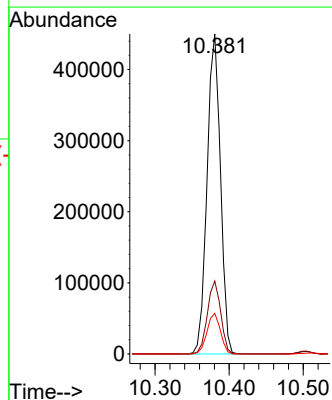
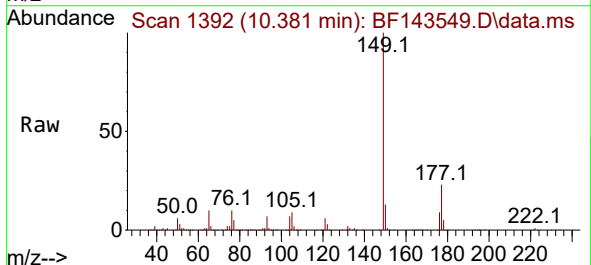


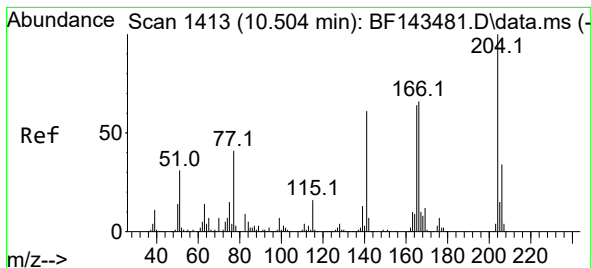
Tgt Ion:232 Resp: 141845
Ion Ratio Lower Upper
232 100
131 40.8 32.7 49.1
130 2.1 1.6 2.4
166 27.1 22.6 34.0



#60
Diethylphthalate
Concen: 52.692 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:149 Resp: 565726
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.7 10.3 15.5

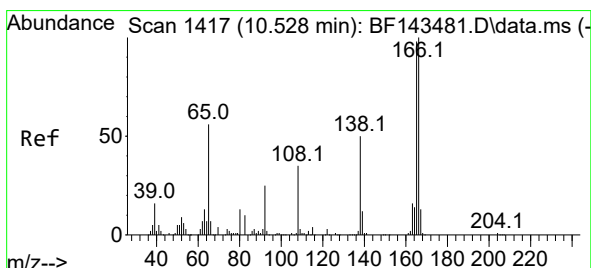
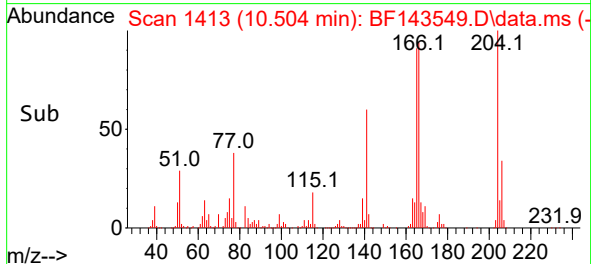
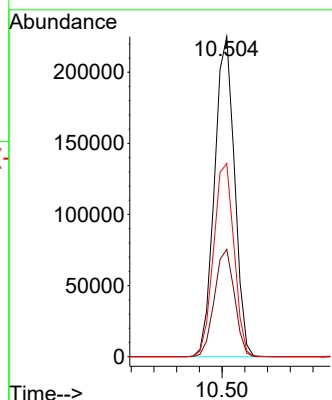
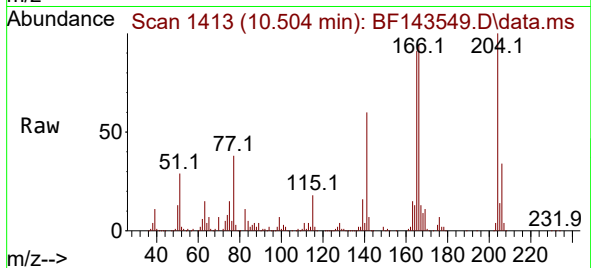




#61
4-Chlorophenyl-phenylether
Concen: 46.622 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

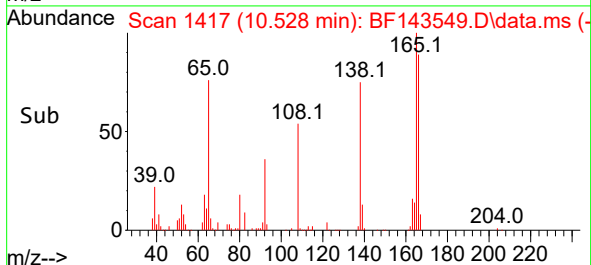
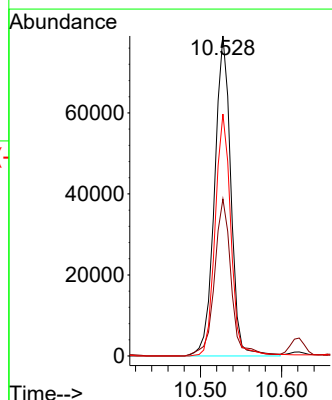
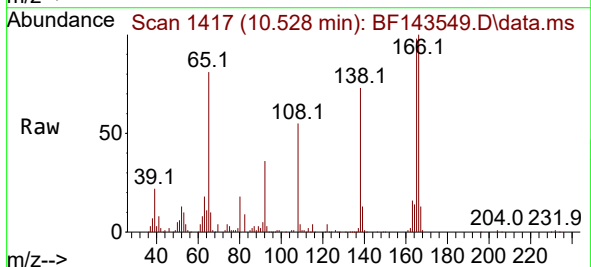
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

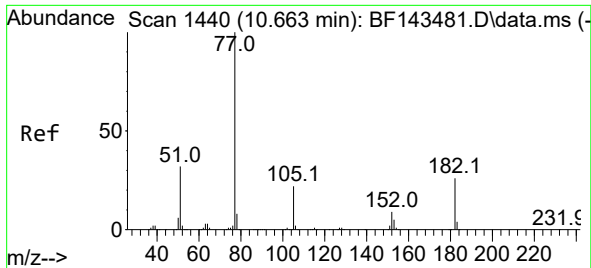
Tgt Ion:204 Resp: 275427
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 60.4 48.7 73.1



#62
4-Nitroaniline
Concen: 44.801 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:138 Resp: 110360
Ion Ratio Lower Upper
138 100
92 49.1 29.3 69.3
108 75.6 50.7 90.7



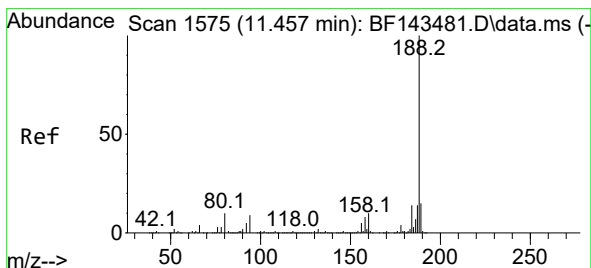
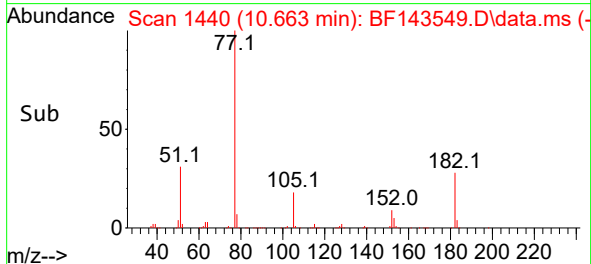
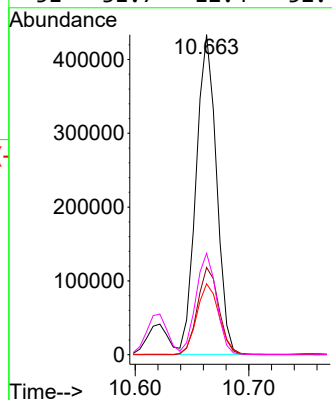
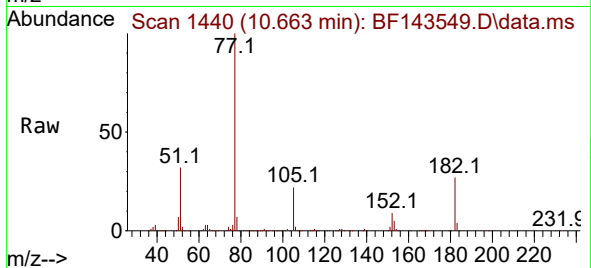


#63
Azobenzene
Concen: 48.406 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

Tgt Ion: 77 Resp: 538883

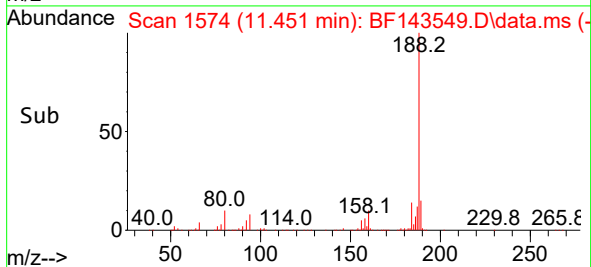
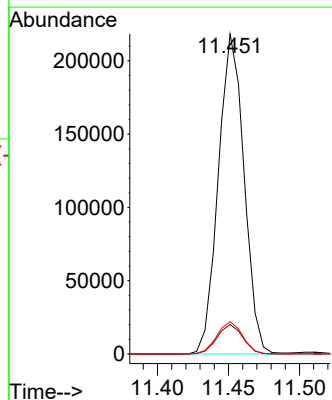
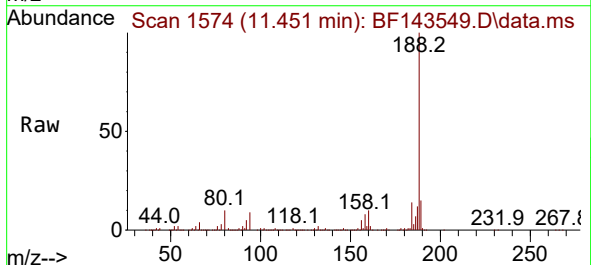
Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.2	46.2
105	22.1	2.2	42.2
51	31.7	12.4	52.4

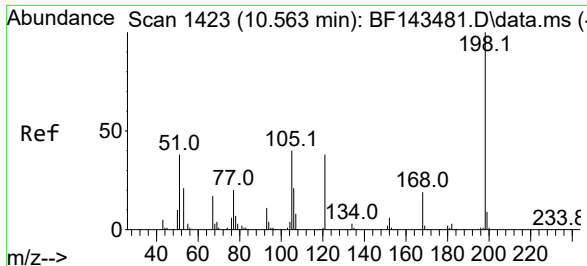


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion: 188 Resp: 274710

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.1	8.2	12.4

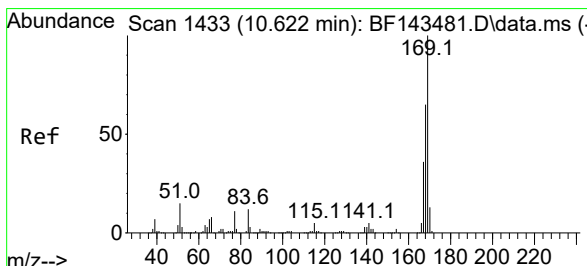
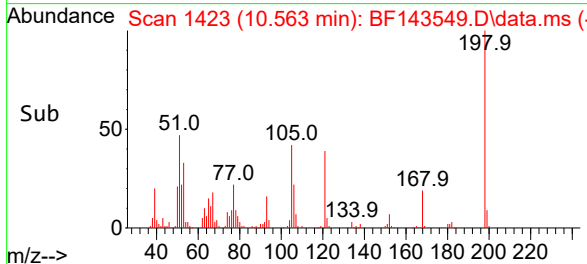
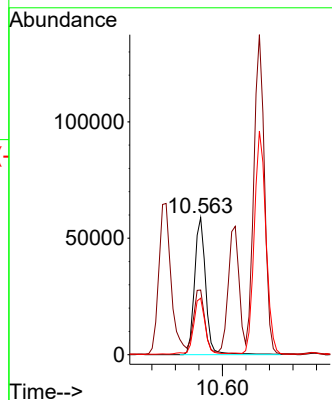
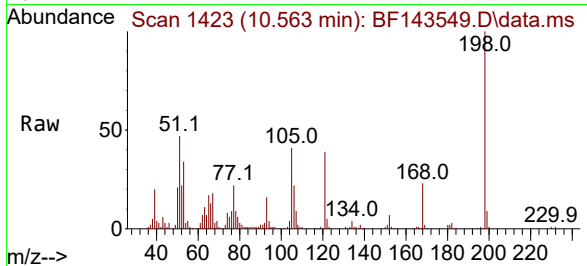




#65
4,6-Dinitro-2-methylphenol
Concen: 49.915 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

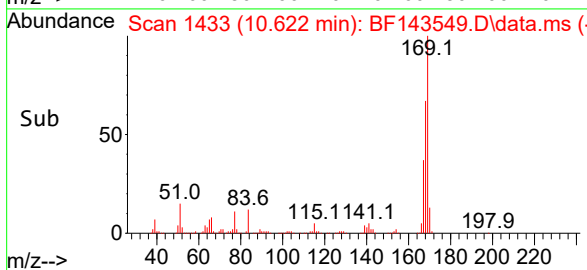
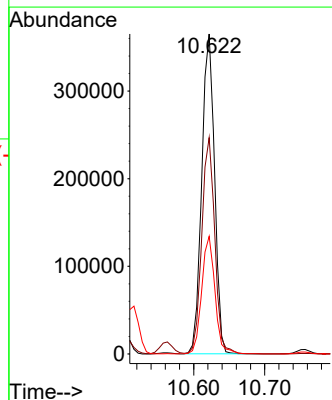
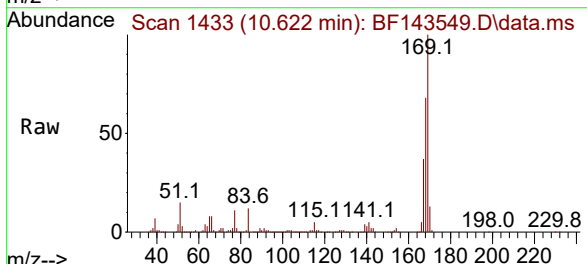
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

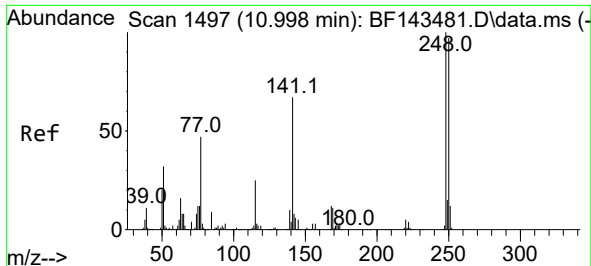
Tgt Ion:198 Resp: 77315
Ion Ratio Lower Upper
198 100
51 47.1 29.6 69.6
105 41.2 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 51.788 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

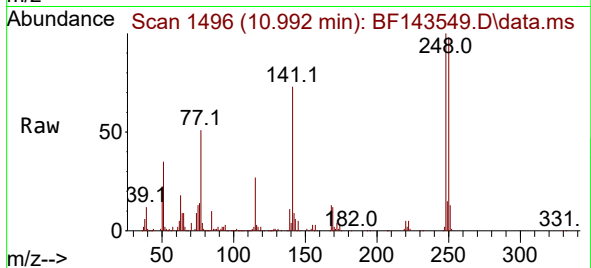
Tgt Ion:169 Resp: 457844
Ion Ratio Lower Upper
169 100
168 67.6 52.4 78.6
167 36.8 28.9 43.3



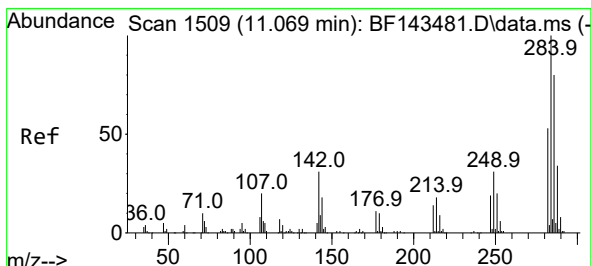
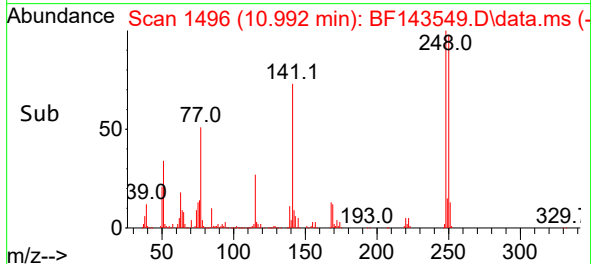
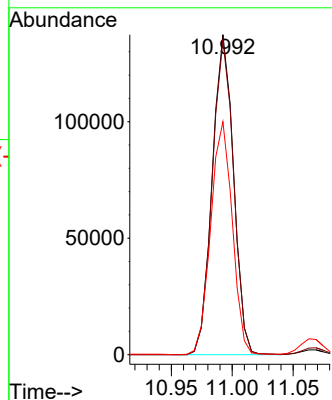


#67
4-Bromophenyl-phenylether
Concen: 50.916 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

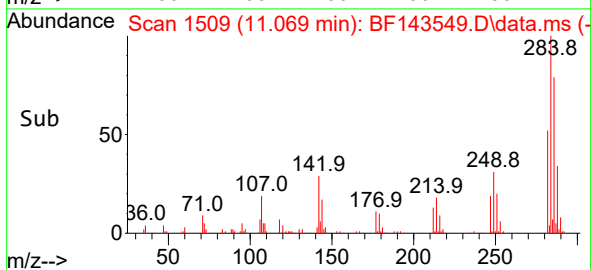
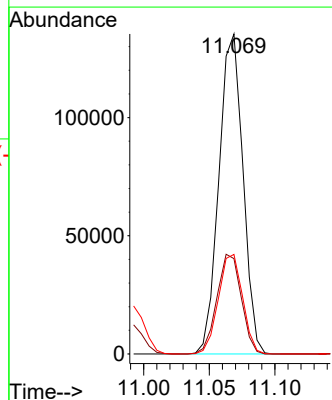
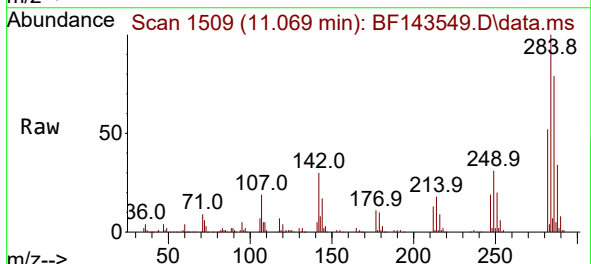


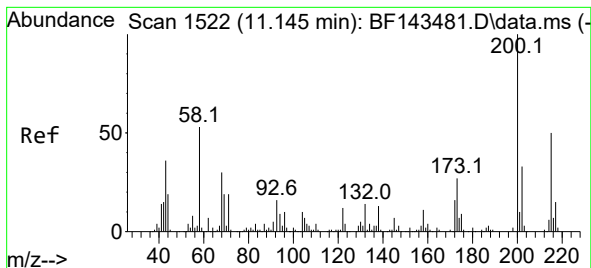
Tgt Ion:248 Resp: 166888
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.8
141 72.8 54.0 81.0



#68
Hexachlorobenzene
Concen: 48.803 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:284 Resp: 172427
Ion Ratio Lower Upper
284 100
142 29.8 24.4 36.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 60.323 ng

RT: 11.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

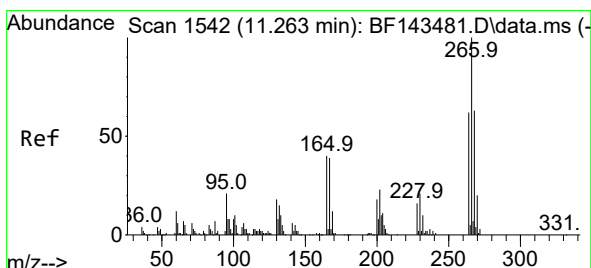
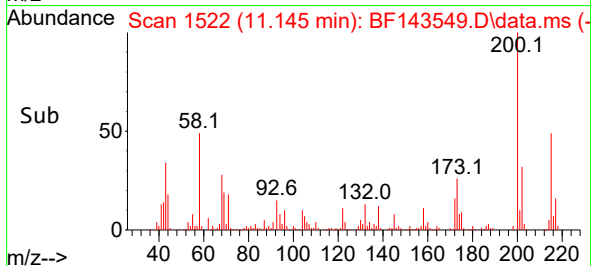
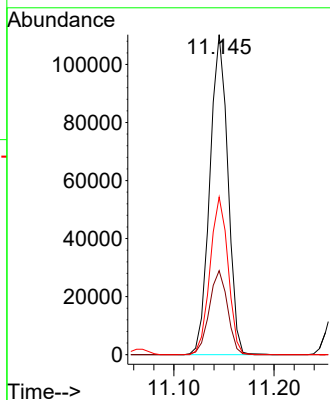
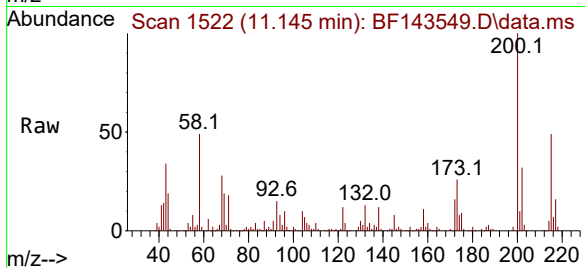
Tgt Ion:200 Resp: 137662

Ion Ratio Lower Upper

200 100

173 26.3 6.9 46.9

215 49.2 30.0 70.0



#70

Pentachlorophenol

Concen: 97.265 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

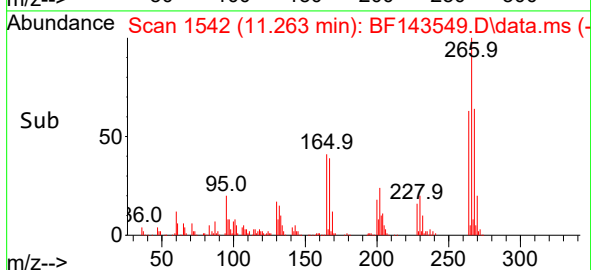
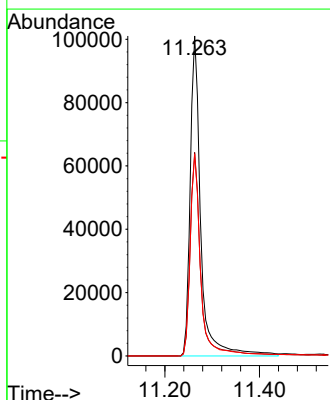
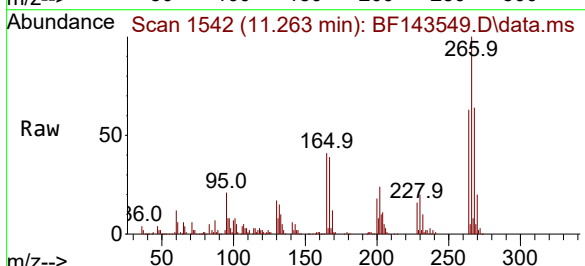
Tgt Ion:266 Resp: 157387

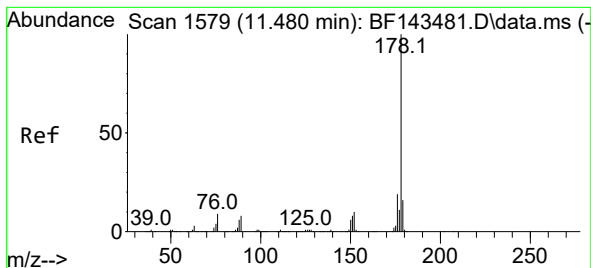
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 63.1 49.8 74.8





#71

Phenanthrene

Concen: 47.165 ng

RT: 11.475 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

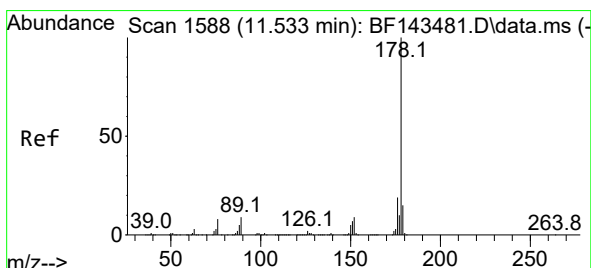
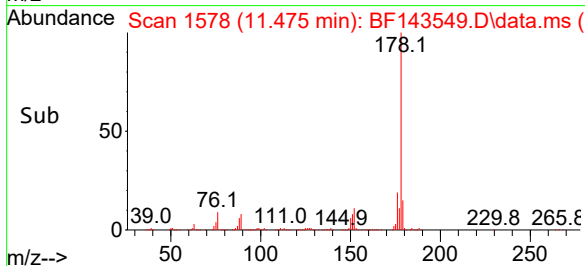
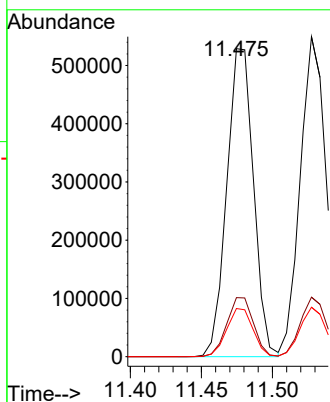
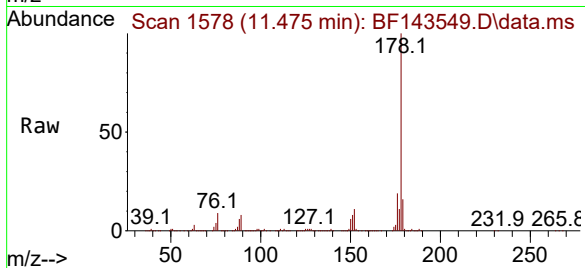
Tgt Ion:178 Resp: 693850

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.6 12.5 18.7



#72

Anthracene

Concen: 46.811 ng

RT: 11.528 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

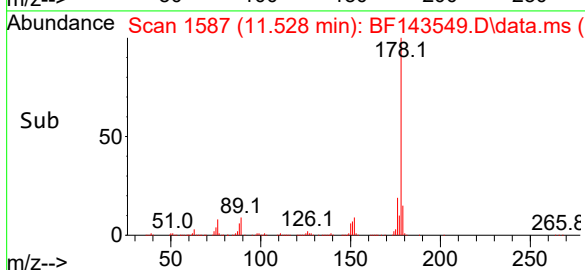
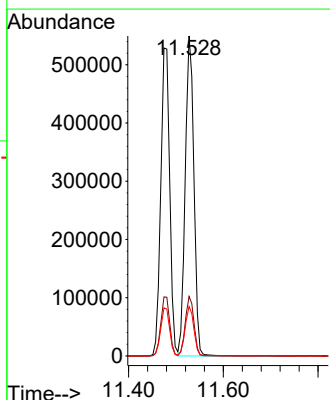
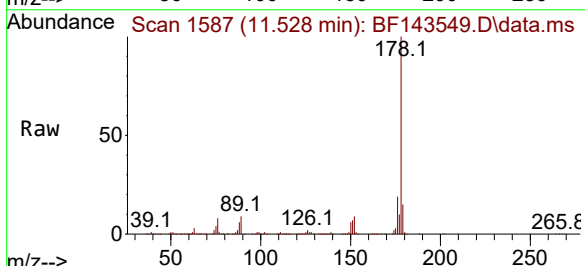
Tgt Ion:178 Resp: 697629

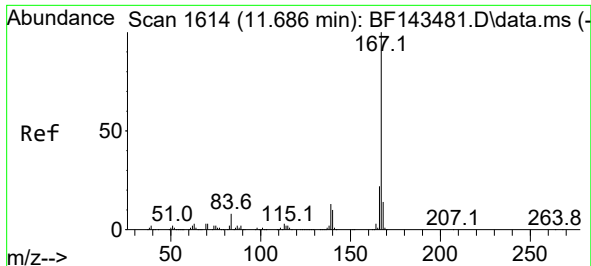
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.4 12.3 18.5

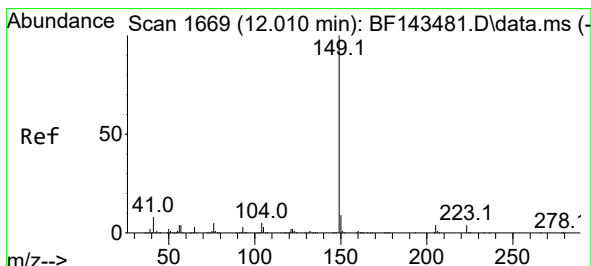
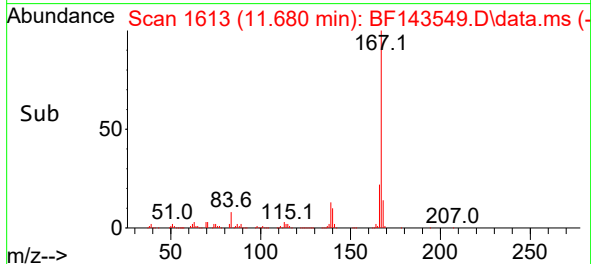
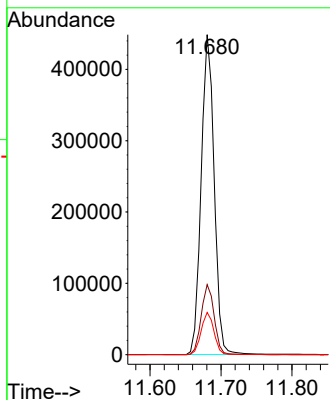
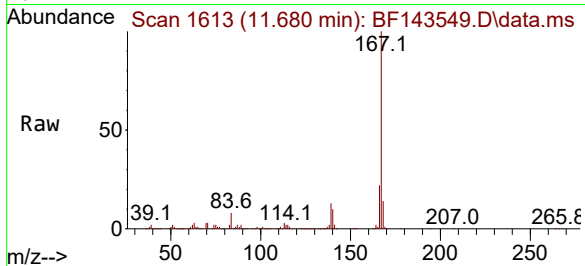




#73
Carbazole
Concen: 46.822 ng
RT: 11.680 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

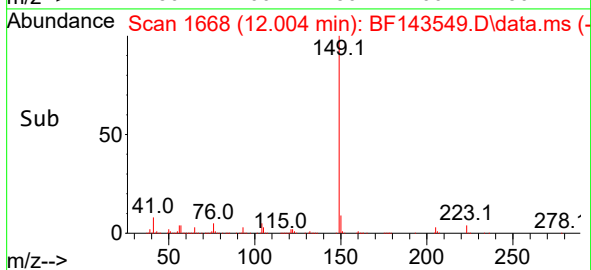
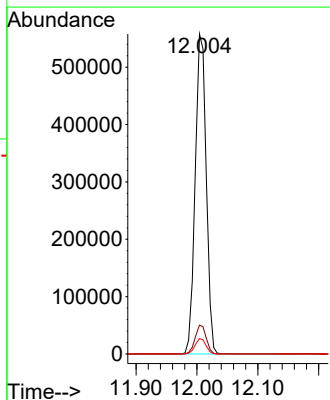
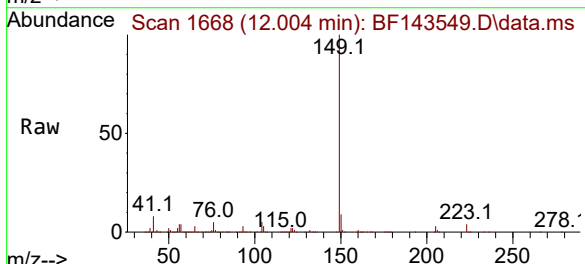
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

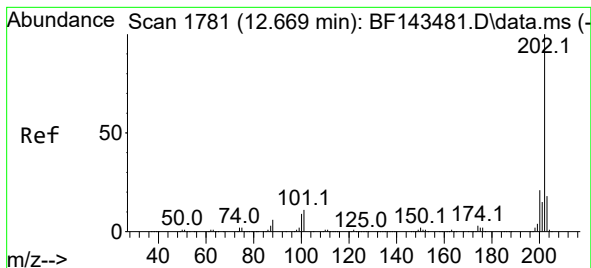
Tgt Ion:167 Resp: 571768
Ion Ratio Lower Upper
167 100
166 21.9 17.3 25.9
139 13.2 10.0 15.0



#74
Di-n-butylphthalate
Concen: 61.721 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:149 Resp: 703123
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 46.180 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

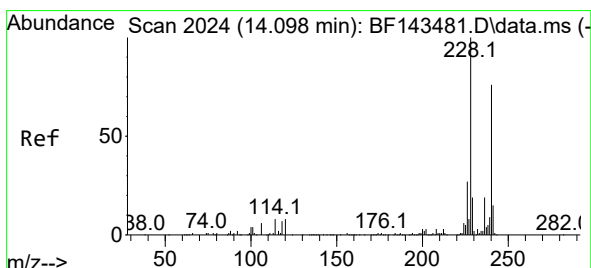
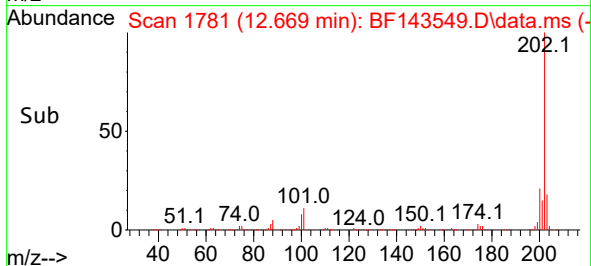
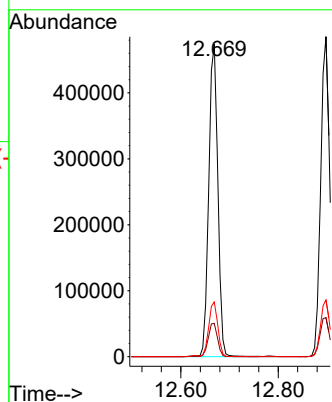
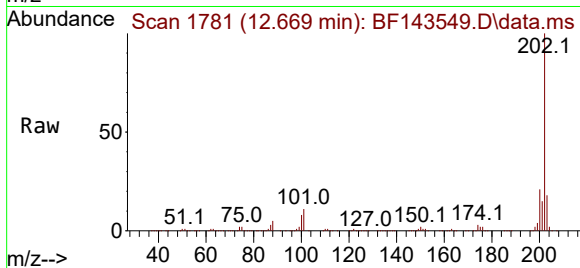
Tgt Ion:202 Resp: 609585

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.3

203 17.5 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

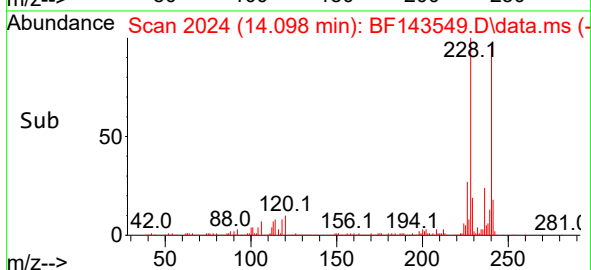
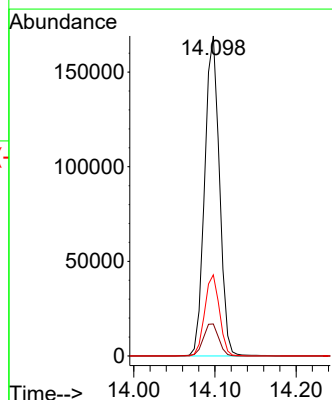
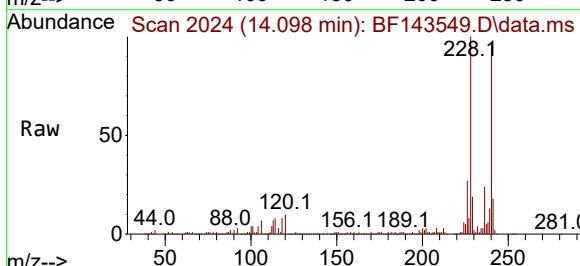
Tgt Ion:240 Resp: 213040

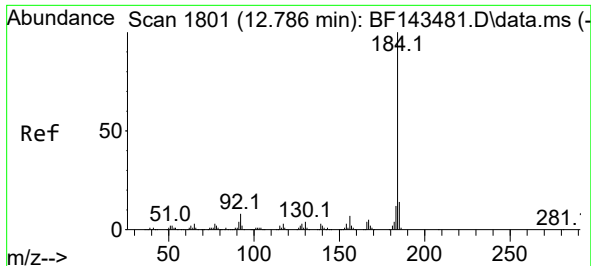
Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.4 20.4 30.6

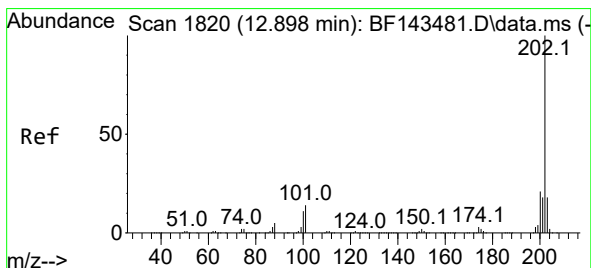
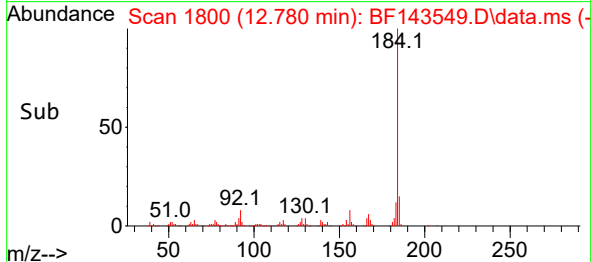
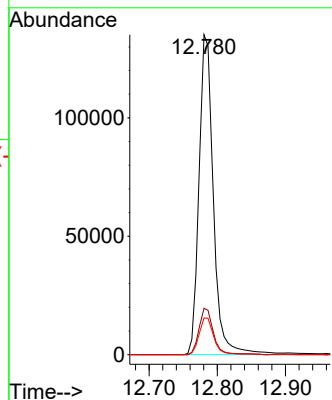
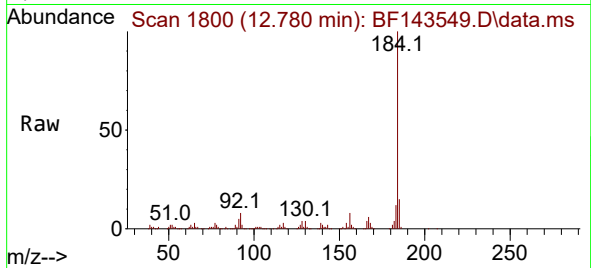




#77
Benzidine
Concen: 38.168 ng
RT: 12.780 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

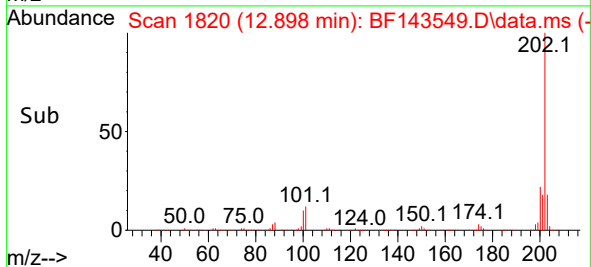
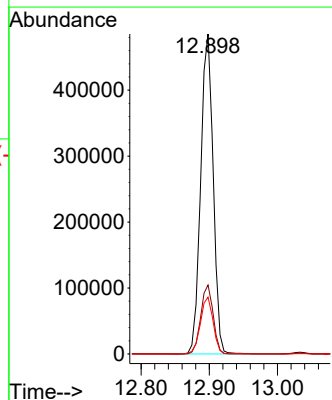
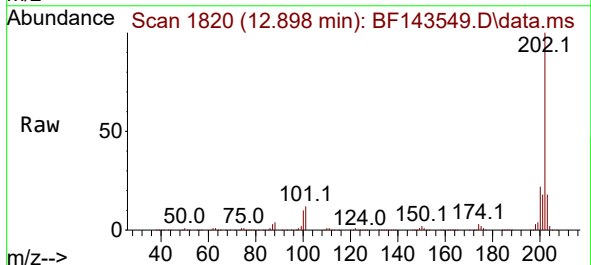
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

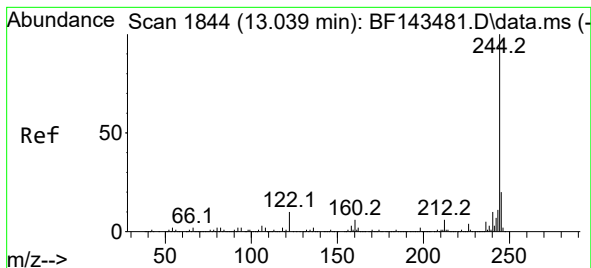
Tgt Ion:184 Resp: 198066
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 11.5 9.5 14.3



#78
Pyrene
Concen: 35.263 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:202 Resp: 617956
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 73.377 ng

RT: 13.033 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

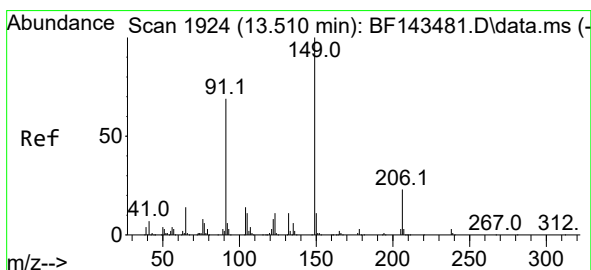
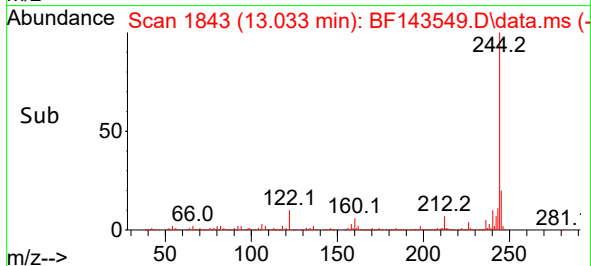
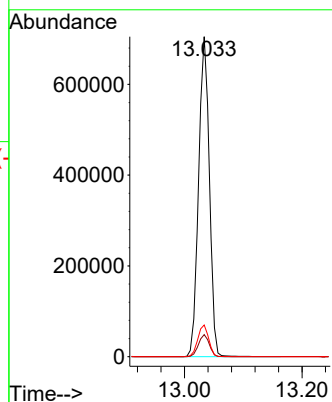
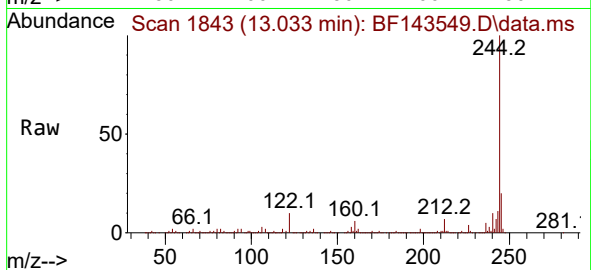
Tgt Ion:244 Resp: 895811

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

122 9.9 7.9 11.9



#80

Butylbenzylphthalate

Concen: 52.909 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

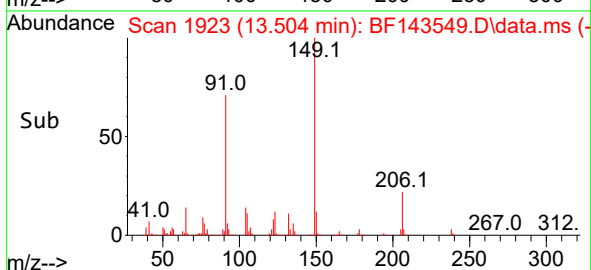
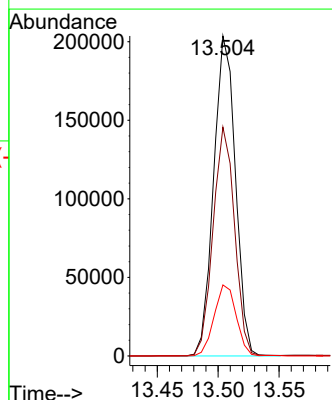
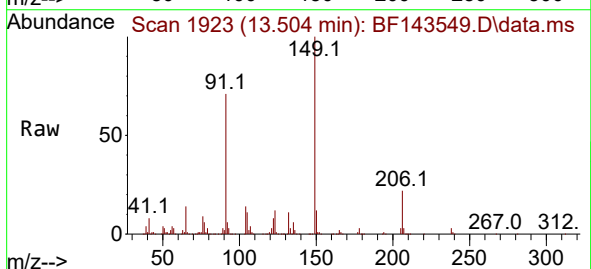
Tgt Ion:149 Resp: 253293

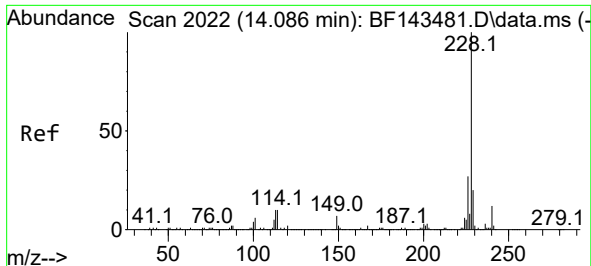
Ion Ratio Lower Upper

149 100

91 71.5 55.3 82.9

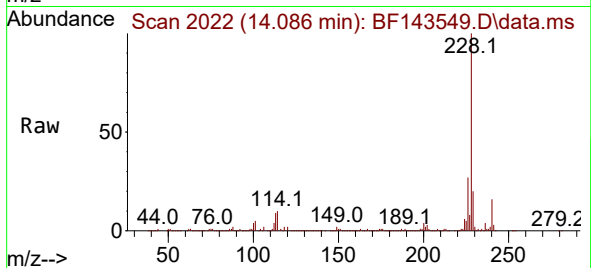
206 22.2 18.2 27.4



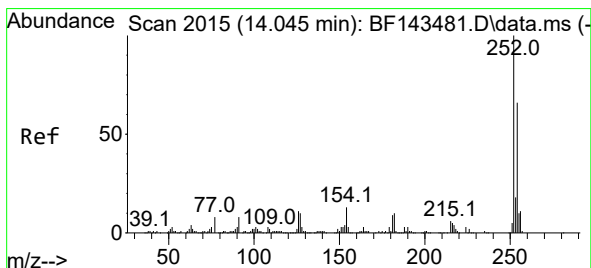
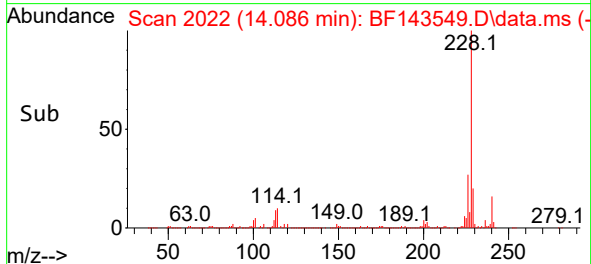
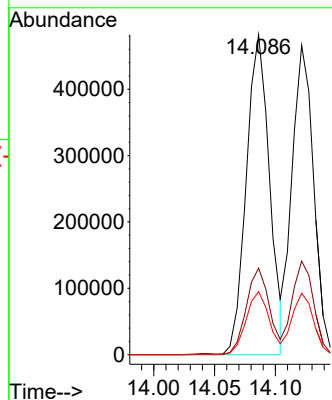


#81
Benzo(a)anthracene
Concen: 46.623 ng
RT: 14.086 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

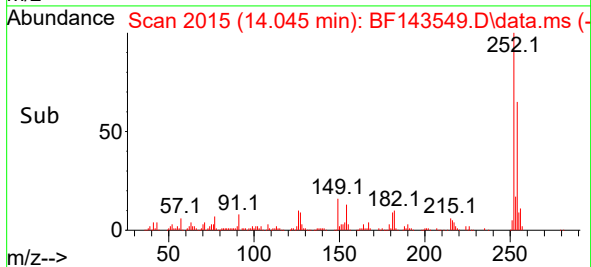
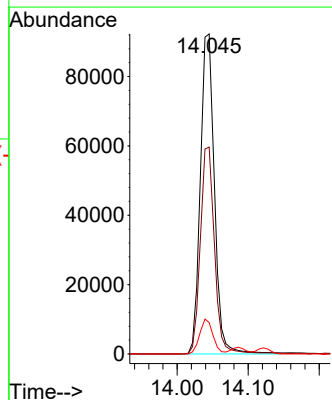
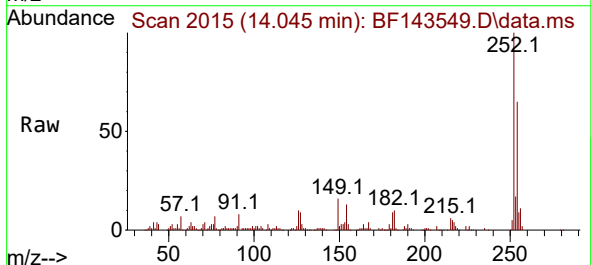


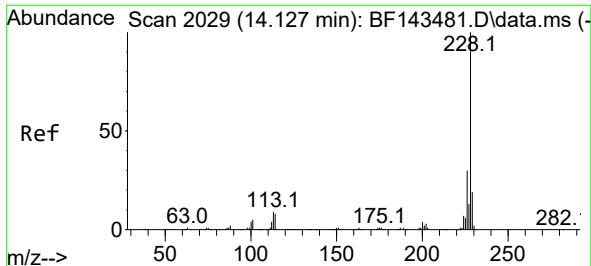
Tgt Ion:228 Resp: 639464
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 32.571 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:252 Resp: 127936
Ion Ratio Lower Upper
252 100
254 64.7 52.6 79.0
126 9.8 8.7 13.1

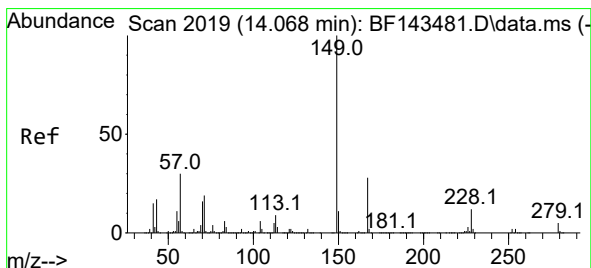
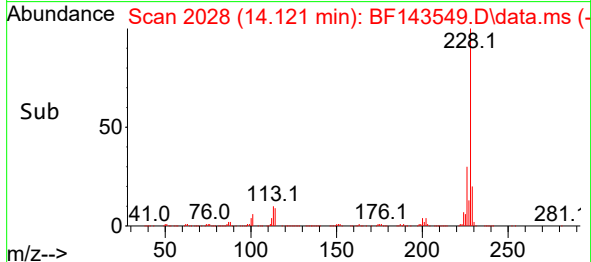
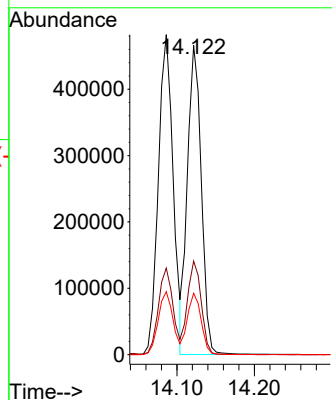
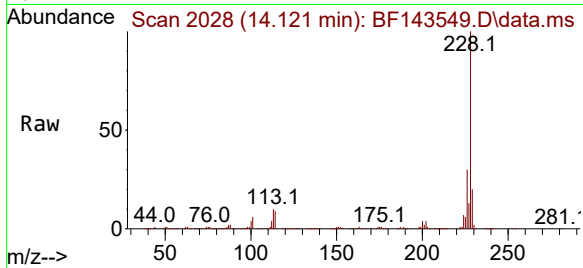




#83
Chrysene
Concen: 46.959 ng
RT: 14.121 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

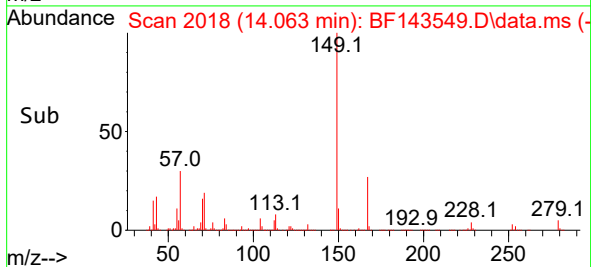
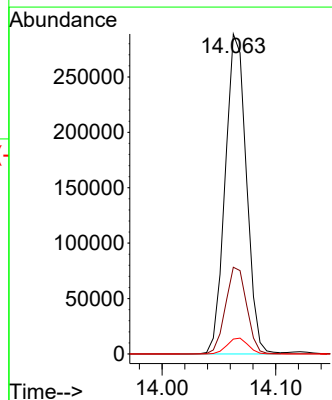
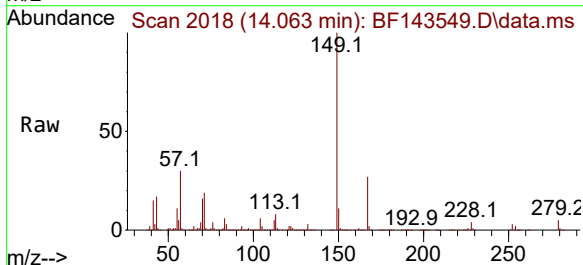
Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

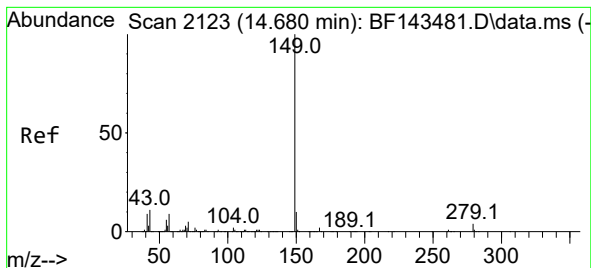
Tgt Ion:228 Resp: 578811
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 19.9 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.298 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:149 Resp: 374032
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.2
279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 48.367 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

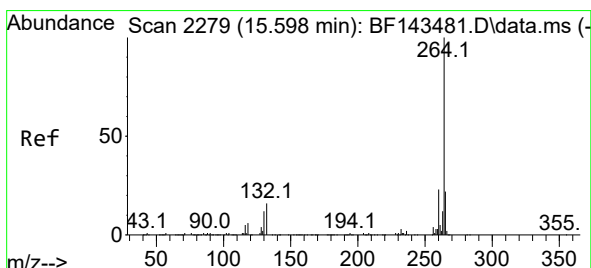
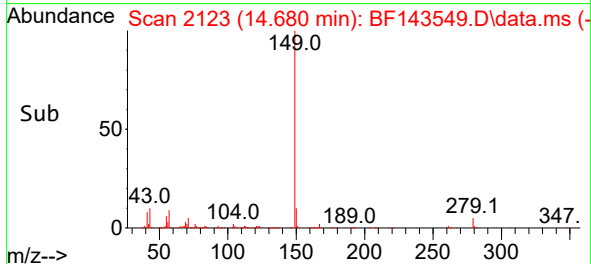
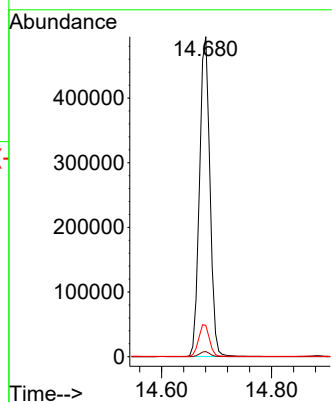
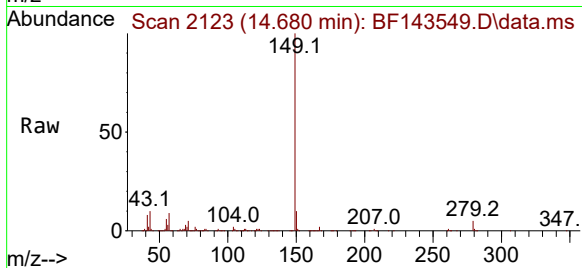
Tgt Ion:149 Resp: 653321

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

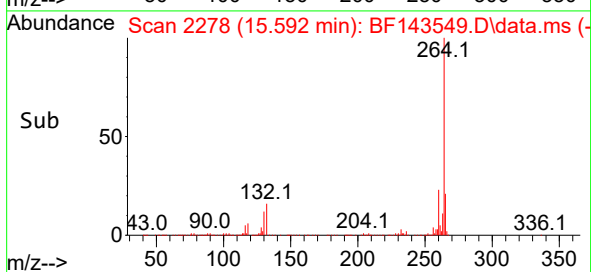
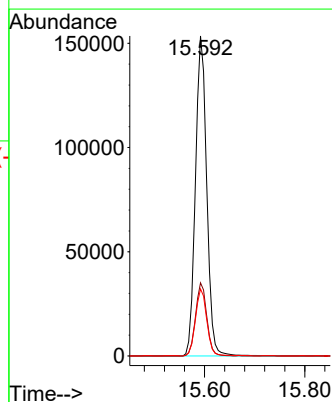
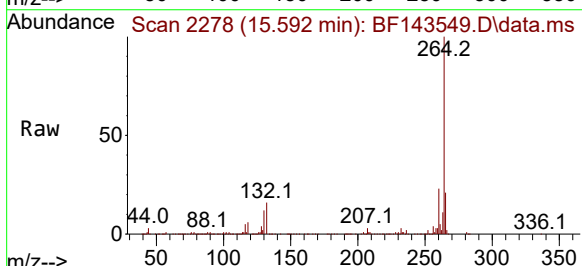
Tgt Ion:264 Resp: 238923

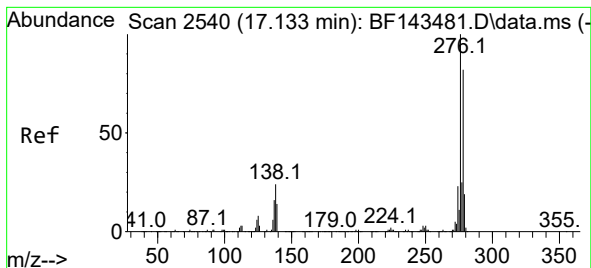
Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 20.9 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.068 ng

RT: 17.121 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

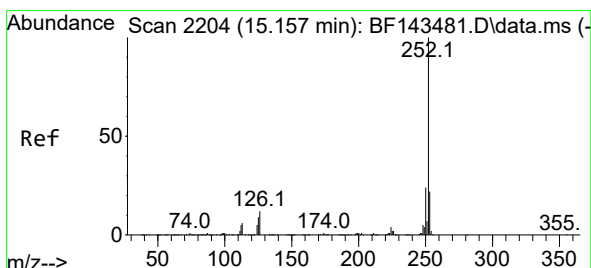
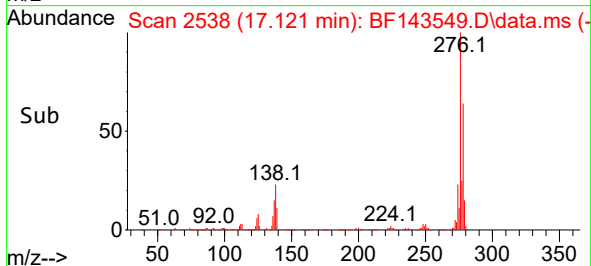
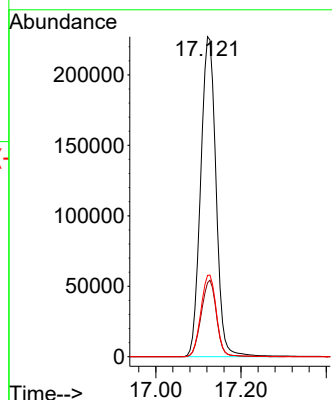
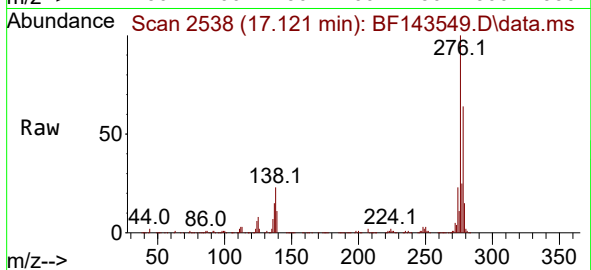
Tgt Ion:276 Resp: 567749

Ion Ratio Lower Upper

276 100

138 23.8 19.2 28.8

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 51.988 ng

RT: 15.151 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

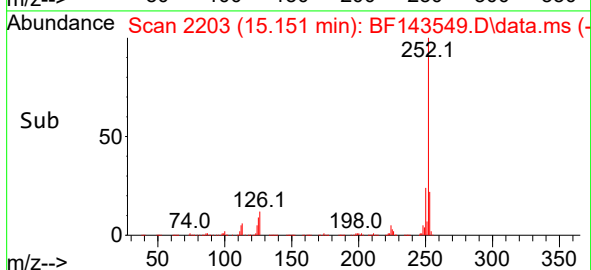
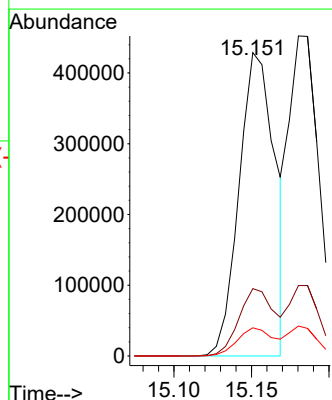
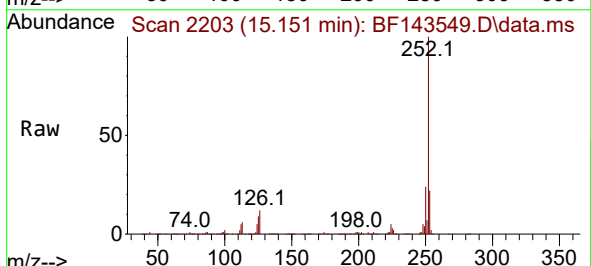
Tgt Ion:252 Resp: 690451

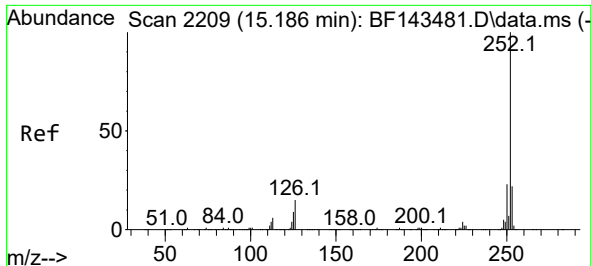
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.250 ng

RT: 15.180 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

Instrument :

BNA_F

ClientSampleId :

MW-1B-081925MSD

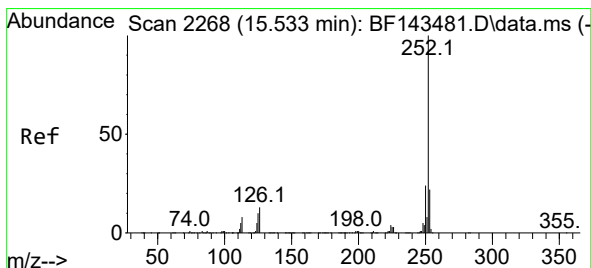
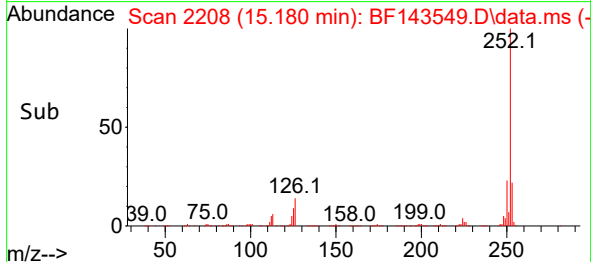
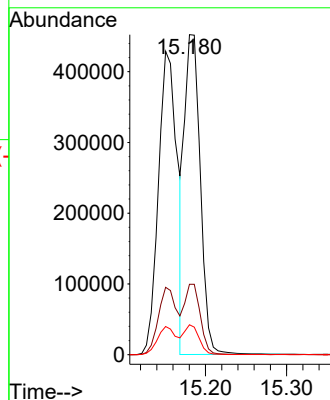
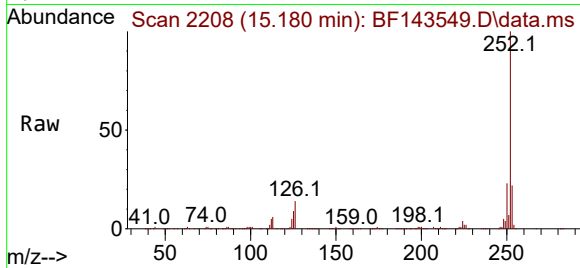
Tgt Ion:252 Resp: 613537

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.4 7.4 11.0



#90

Benzo(a)pyrene

Concen: 50.008 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143549.D

Acq: 22 Aug 2025 01:21

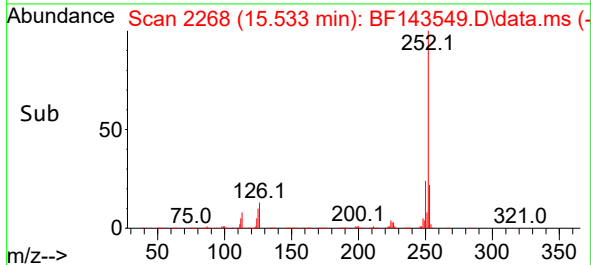
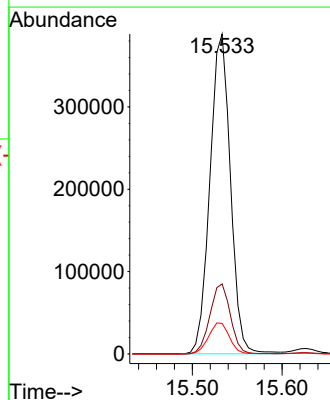
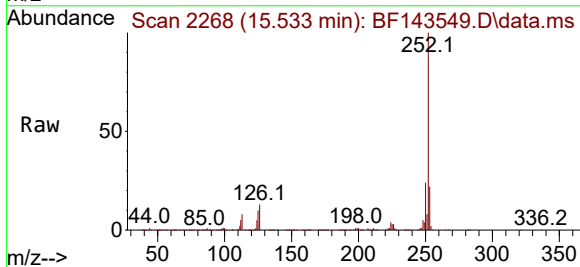
Tgt Ion:252 Resp: 616477

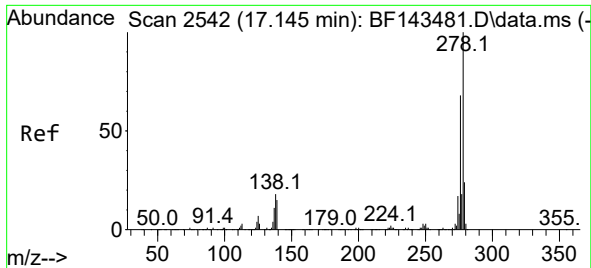
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.6 8.2 12.2

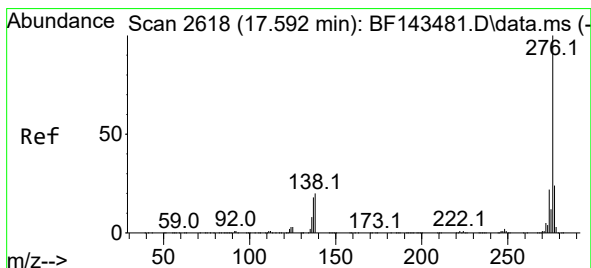
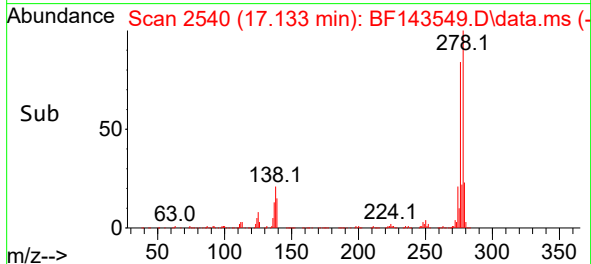
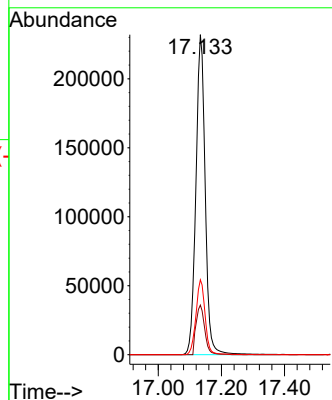
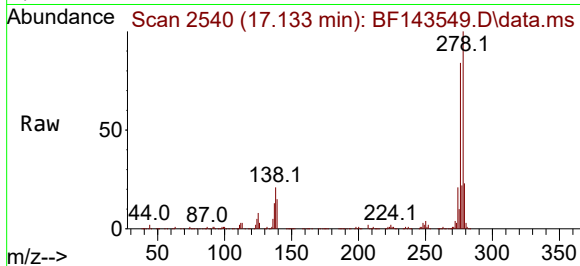




#91
Dibenzo(a,h)anthracene
Concen: 34.617 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

Tgt Ion:278 Resp: 476001
Ion Ratio Lower Upper
278 100
139 15.5 12.1 18.1
279 23.4 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 30.686 ng
RT: 17.580 min Scan# 2616
Delta R.T. -0.023 min
Lab File: BF143549.D
Acq: 22 Aug 2025 01:21

Tgt Ion:276 Resp: 419562
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 21.0 16.3 24.5

