

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143989.D
 Acq On : 17 Oct 2025 17:16
 Operator : RC/JU
 Sample : Q3352-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Quant Time: Oct 17 17:36:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	84940	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	333517	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	183894	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	312055	20.000	ng	0.00
76) Chrysene-d12	14.063	240	209178	20.000	ng	0.00
86) Perylene-d12	15.545	264	234382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	780989	146.009	ng	0.02
7) Phenol-d6	6.510	99	891823	139.879	ng	0.00
23) Nitrobenzene-d5	7.446	82	624439	113.750	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	307460	167.862	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1184077	102.169	ng	-0.01
79) Terphenyl-d14	13.004	244	1218467	99.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.811	88	127946	51.691	ng	# 78
3) Pyridine	3.528	79	327129	45.399	ng	99
4) n-Nitrosodimethylamine	3.469	42	205585	54.236	ng	93
6) Aniline	6.546	93	148617	15.556	ng	96
8) 2-Chlorophenol	6.669	128	287740	55.033	ng	97
9) Benzaldehyde	6.434	77	145008	29.484	ng	98
10) Phenol	6.528	94	374435	49.124	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	325848	55.341	ng	98
12) 1,3-Dichlorobenzene	6.822	146	331565	52.977	ng	100
13) 1,4-Dichlorobenzene	6.898	146	339080	54.924	ng	99
14) 1,2-Dichlorobenzene	7.051	146	326201	55.163	ng	99
15) Benzyl Alcohol	7.022	79	282063	59.046	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	748612	55.856	ng	99
17) 2-Methylphenol	7.134	107	244806	56.654	ng	99
18) Hexachloroethane	7.393	117	110969	53.897	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	231844	53.125	ng	99
20) 3+4-Methylphenols	7.287	107	270970	54.107	ng	# 65
22) Acetophenone	7.293	105	413141	58.585	ng	99
24) Nitrobenzene	7.463	77	350310	57.464	ng	98
25) Isophorone	7.704	82	635207	54.878	ng	98
26) 2-Nitrophenol	7.781	139	164670	63.004	ng	97
27) 2,4-Dimethylphenol	7.816	122	278723	59.283	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	410216	56.104	ng	98
29) 2,4-Dichlorophenol	8.022	162	272083	55.557	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	272877	56.655	ng	99
31) Naphthalene	8.187	128	823804	54.300	ng	100
32) Benzoic acid	7.928	122	161352	49.588	ng	97
33) 4-Chloroaniline	8.234	127	62053	10.906	ng	97
34) Hexachlorobutadiene	8.304	225	177052	52.900	ng	98
35) Caprolactam	8.645	113	24117	15.488	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	263386	55.989	ng	99
37) 2-Methylnaphthalene	8.875	142	513194	50.781	ng	100
38) 1-Methylnaphthalene	8.975	142	522115	53.263	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	302751	59.566	ng	98
41) Hexachlorocyclopentadiene	9.034	237	249519	118.337	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	203632	54.834	ng	97

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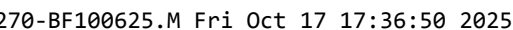
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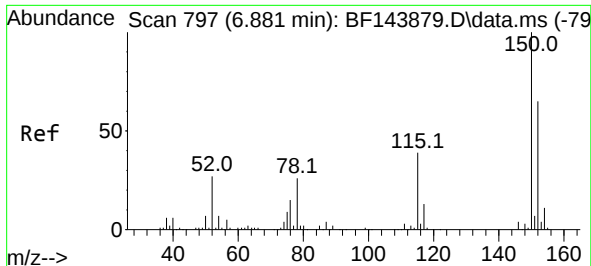
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	220540	56.197	ng	99
46) 1,1'-Biphenyl	9.345	154	730778	60.021	ng	99
47) 2-Chloronaphthalene	9.369	162	554506	54.624	ng	97
48) 2-Nitroaniline	9.463	65	198638	61.892	ng	99
49) Acenaphthylene	9.787	152	885274	62.032	ng	100
50) Dimethylphthalate	9.645	163	654970	56.086	ng	100
51) 2,6-Dinitrotoluene	9.704	165	145425	67.156	ng	97
52) Acenaphthene	9.957	154	537847	57.515	ng	99
53) 3-Nitroaniline	9.875	138	53290	20.098	ng	97
54) 2,4-Dinitrophenol	9.987	184	122181	90.476	ng	# 88
55) Dibenzofuran	10.128	168	730006	55.301	ng	99
56) 4-Nitrophenol	10.039	139	199491	99.366	ng	98
57) 2,4-Dinitrotoluene	10.110	165	194353	65.963	ng	99
58) Fluorene	10.475	166	557598	55.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	172642	62.146	ng	# 95
60) Diethylphthalate	10.345	149	608476	56.086	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	287821	54.654	ng	97
62) 4-Nitroaniline	10.492	138	139399	54.671	ng	96
63) Azobenzene	10.628	77	647215	57.080	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	94785	60.444	ng	99
66) n-Nitrosodiphenylamine	10.586	169	556624	56.808	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	193069	55.983	ng	98
68) Hexachlorobenzene	11.022	284	225078	56.374	ng	100
69) Atrazine	11.110	200	182413	61.423	ng	98
70) Pentachlorophenol	11.222	266	240521	104.891	ng	99
71) Phenanthrene	11.439	178	834503	55.161	ng	100
72) Anthracene	11.492	178	855144	55.952	ng	99
73) Carbazole	11.645	167	763540	56.408	ng	99
74) Di-n-butylphthalate	11.975	149	958093	61.072	ng	100
75) Fluoranthene	12.633	202	890557	56.990	ng	99
77) Benzidine	12.757	184	98888	13.615	ng	99
78) Pyrene	12.863	202	909793	52.170	ng	99
80) Butylbenzylphthalate	13.480	149	362178	63.948	ng	98
81) Benzo(a)anthracene	14.051	228	816180	59.624	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	81364	19.504	ng	96
83) Chrysene	14.092	228	701861	55.399	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	458629	67.177	ng	99
85) Di-n-octyl phthalate	14.651	149	805297	71.817	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	855372	59.560	ng	98
88) Benzo(b)fluoranthene	15.116	252	752500	55.891	ng	97
89) Benzo(k)fluoranthene	15.145	252	731679	58.731	ng	99
90) Benzo(a)pyrene	15.486	252	717939	61.497	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	696410	60.293	ng	98
92) Benzo(g,h,i)perylene	17.510	276	676691	58.585	ng	97

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

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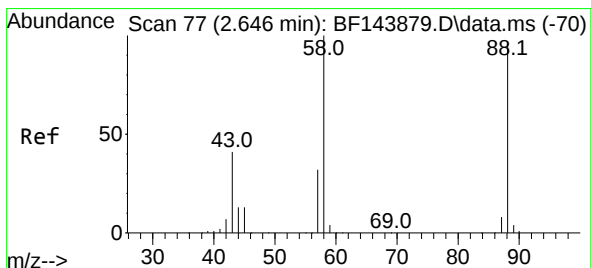
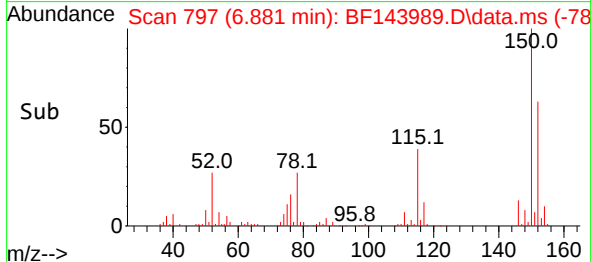
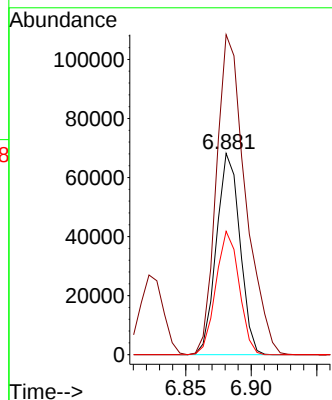
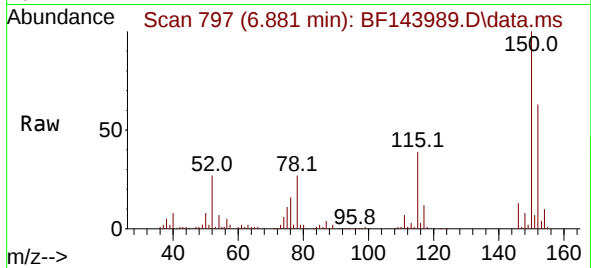




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143989.D
 Acq: 17 Oct 2025 17:16

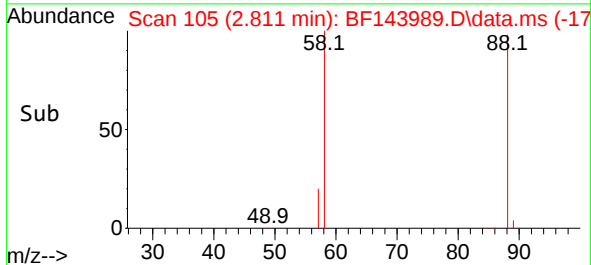
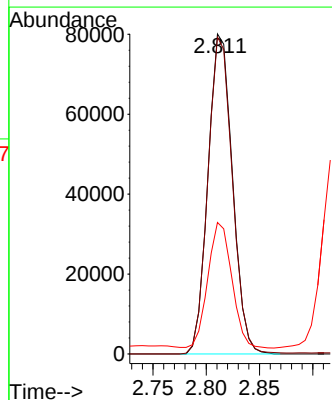
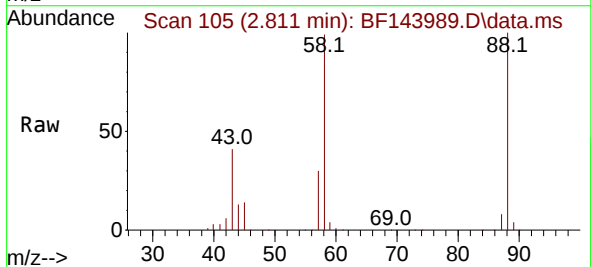
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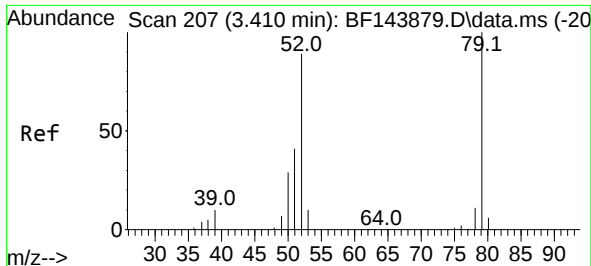
Tgt Ion:152 Resp: 84940
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.4 186.6
 115 61.3 48.1 72.1



#2
 1,4-Dioxane
 Concen: 51.691 ng
 RT: 2.811 min Scan# 105
 Delta R.T. 0.165 min
 Lab File: BF143989.D
 Acq: 17 Oct 2025 17:16

Tgt Ion: 88 Resp: 127946
 Ion Ratio Lower Upper
 88 100
 58 99.3 83.0 124.6
 43 0.0 33.9 50.9

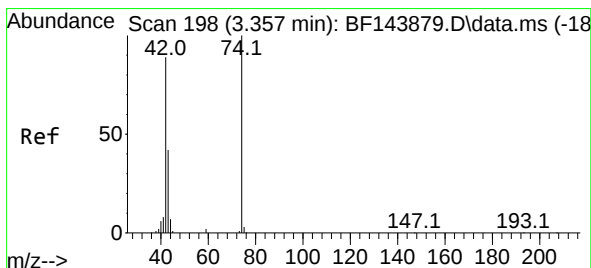
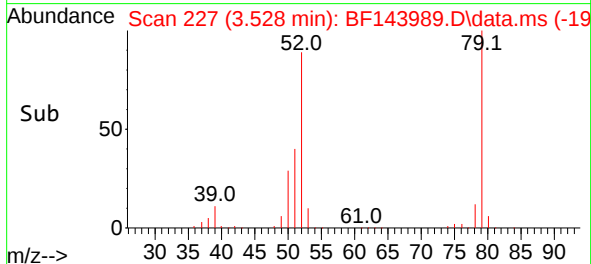
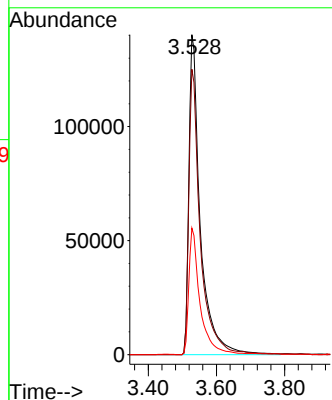
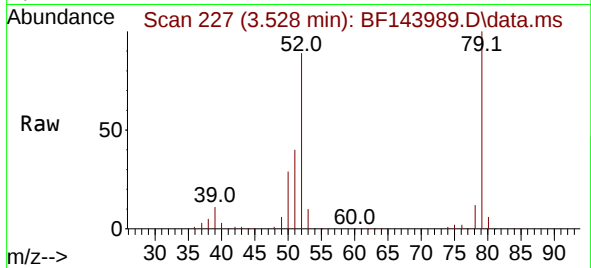




#3
Pyridine
Concen: 45.399 ng
RT: 3.528 min Scan# 217
Delta R.T. 0.112 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

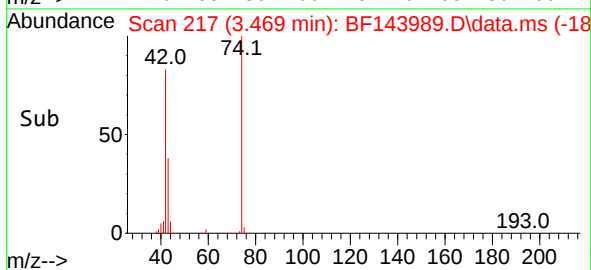
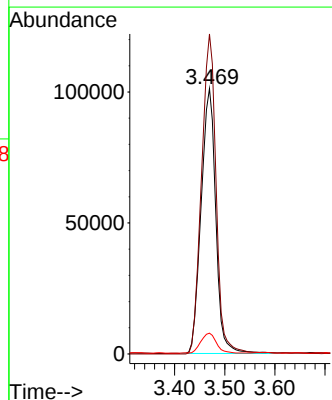
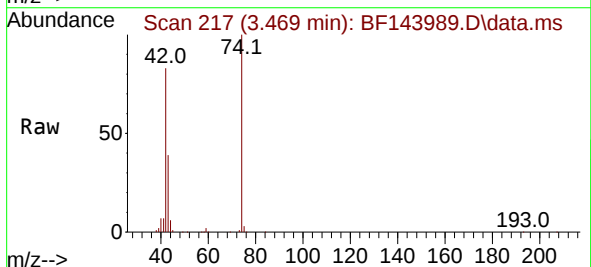
Instrument :
BNA_F
ClientSampleId :
TP-3MS

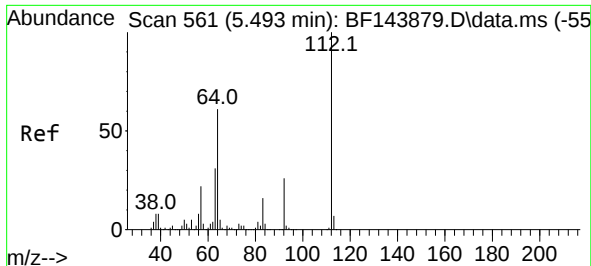
Tgt Ion: 79 Resp: 327129
Ion Ratio Lower Upper
79 100
52 89.2 71.5 107.3
51 39.5 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 54.236 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.083 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 42 Resp: 205585
Ion Ratio Lower Upper
42 100
74 120.5 90.0 135.0
44 7.8 6.2 9.2

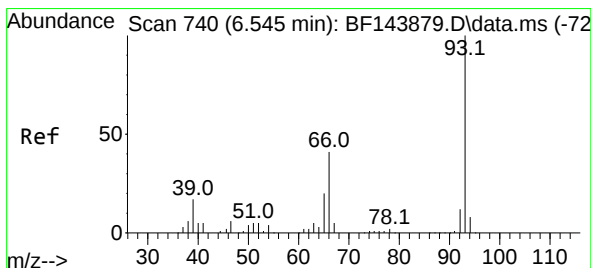
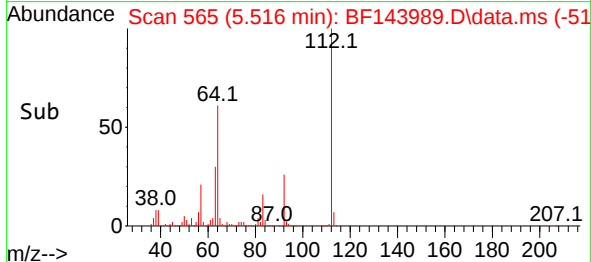
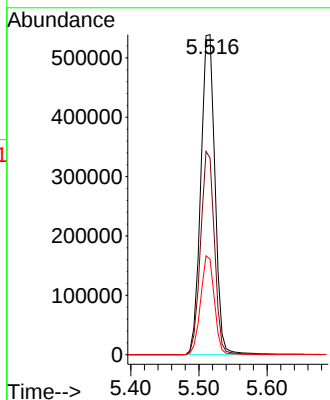
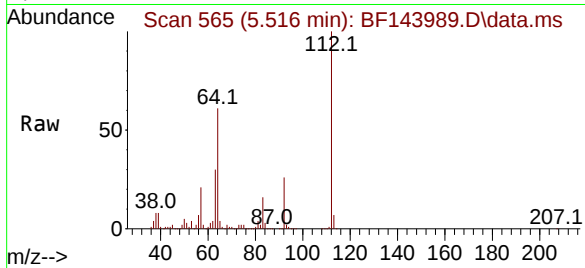




#5
2-Fluorophenol
Concen: 146.009 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

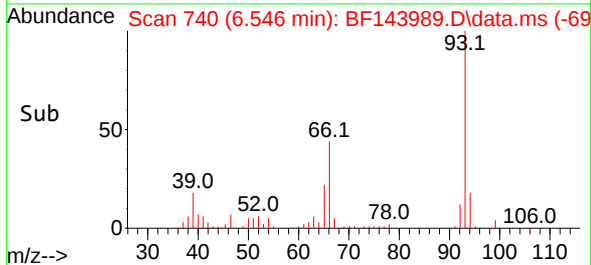
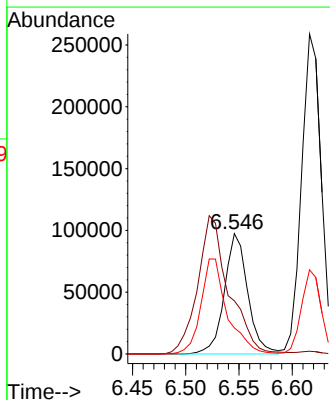
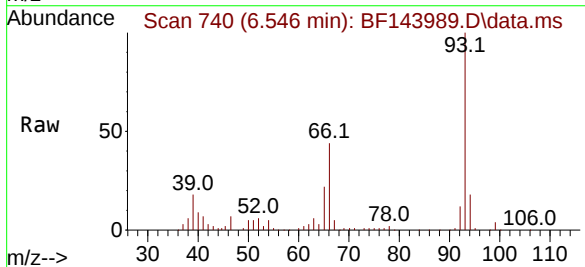
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ClientSampleId :
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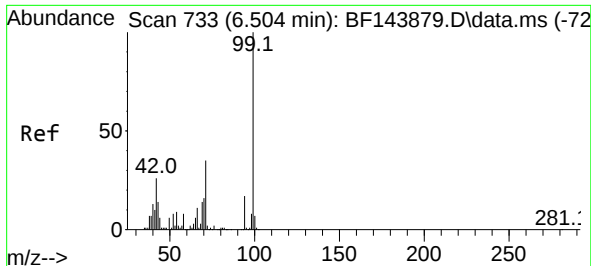
Tgt Ion:112 Resp: 780989
Ion Ratio Lower Upper
112 100
64 61.5 49.1 73.7
63 29.8 24.5 36.7



#6
Aniline
Concen: 15.556 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 93 Resp: 148617
Ion Ratio Lower Upper
93 100
66 44.1 33.0 49.6
65 21.7 15.8 23.8

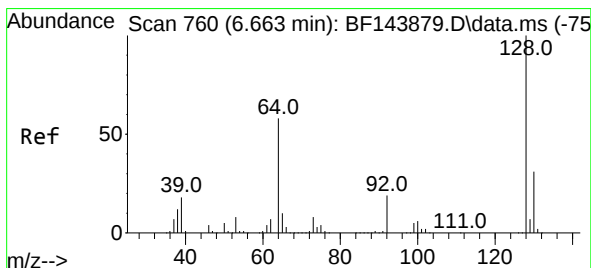
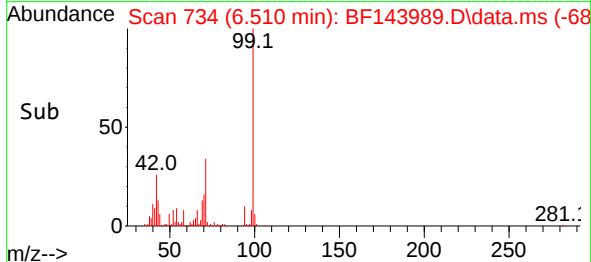
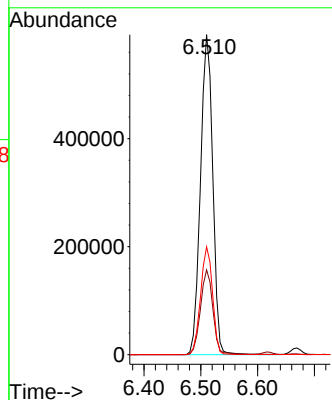
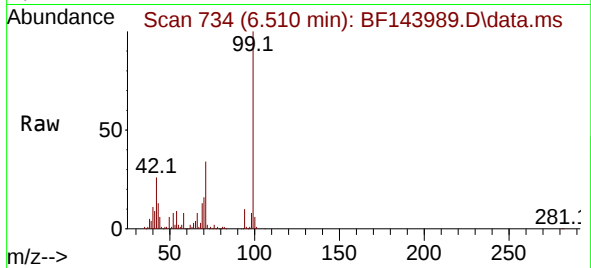




#7
Phenol-d6
Concen: 139.879 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

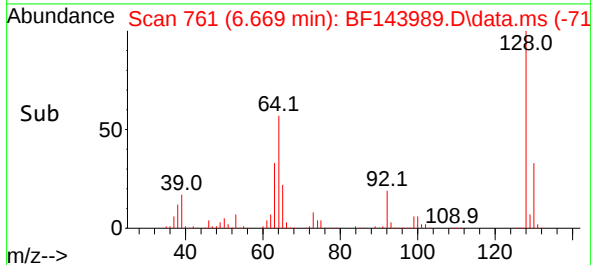
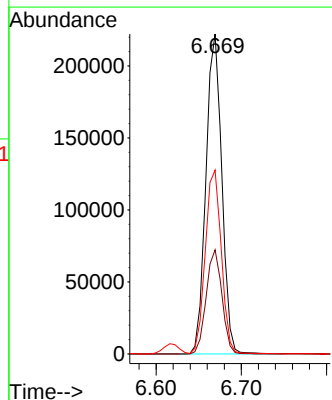
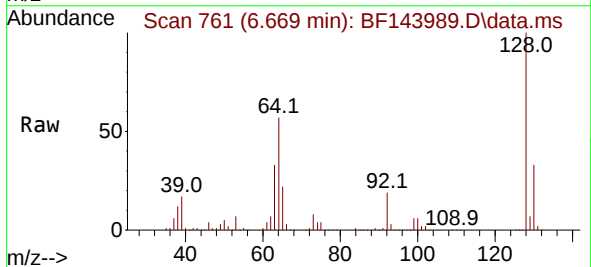
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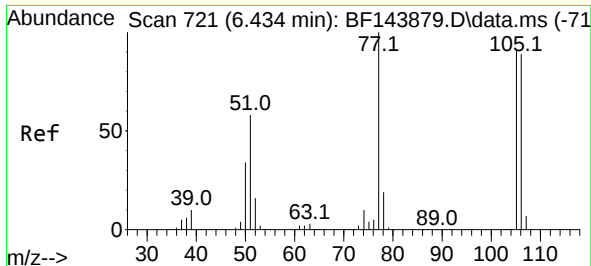
Tgt Ion: 99 Resp: 891823
Ion Ratio Lower Upper
99 100
42 26.5 21.0 31.4
71 33.7 27.8 41.8



#8
2-Chlorophenol
Concen: 55.033 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 128 Resp: 287740
Ion Ratio Lower Upper
128 100
130 32.6 10.7 50.7
64 57.4 39.0 79.0

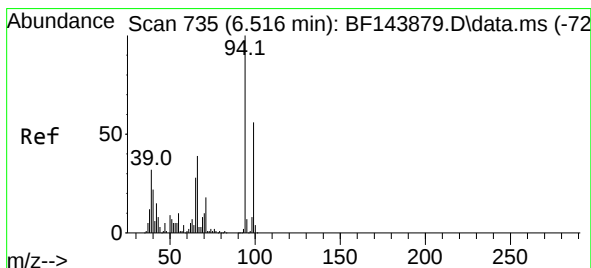
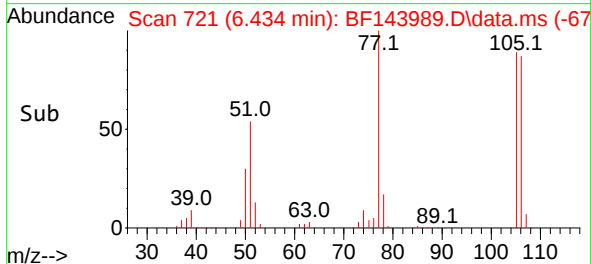
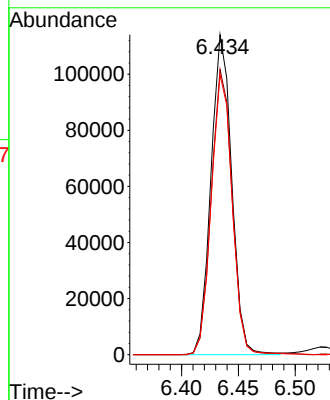
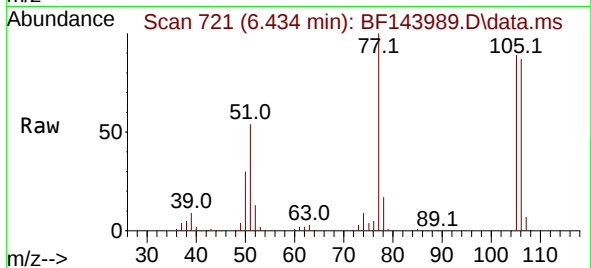




#9
Benzaldehyde
Concen: 29.484 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143989.D
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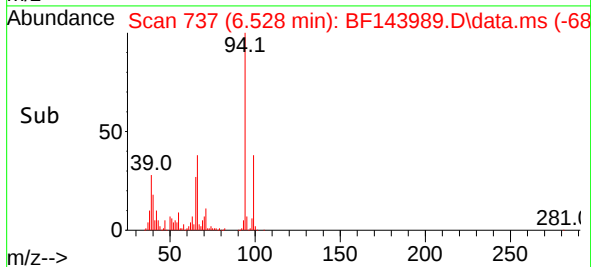
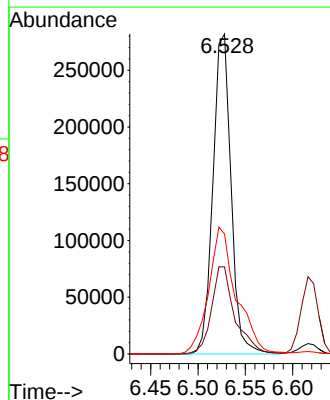
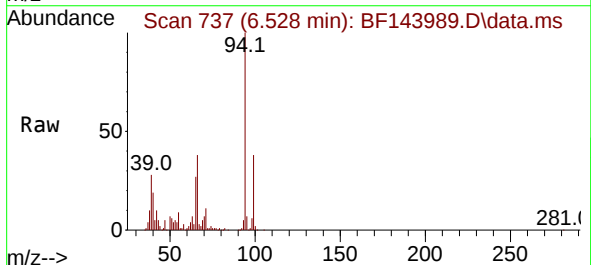
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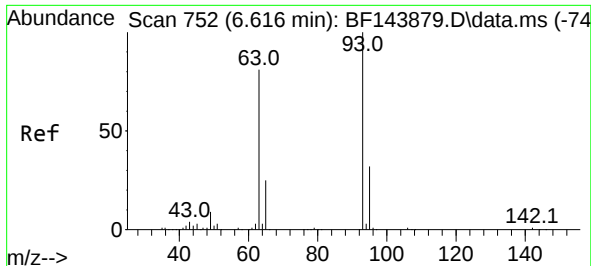
Tgt Ion: 77 Resp: 145008
Ion Ratio Lower Upper
77 100
105 89.2 70.9 110.9
106 87.4 68.9 108.9



#10
Phenol
Concen: 49.124 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 94 Resp: 374435
Ion Ratio Lower Upper
94 100
65 27.2 8.5 48.5
66 37.5 19.9 59.9

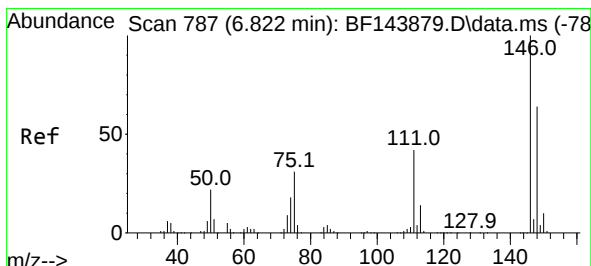
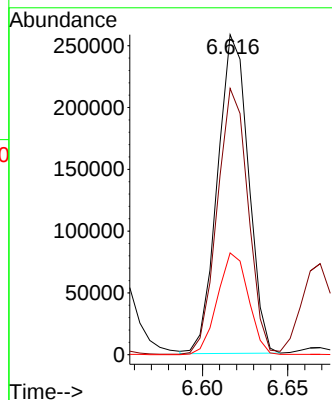
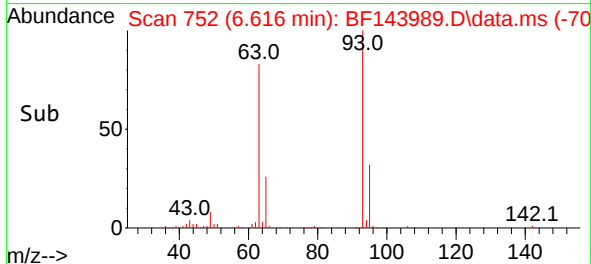
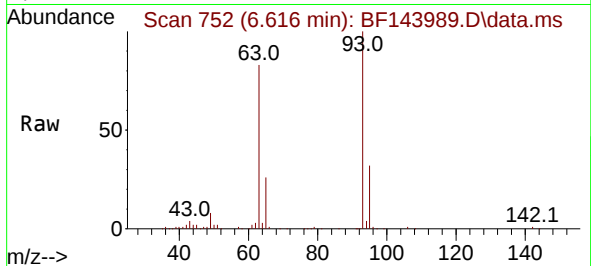




#11
bis(2-Chloroethyl)ether
Concen: 55.341 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

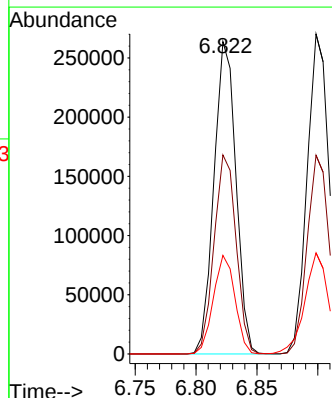
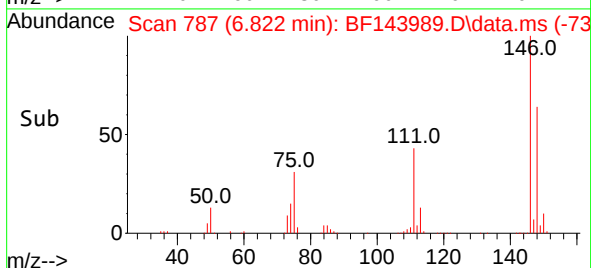
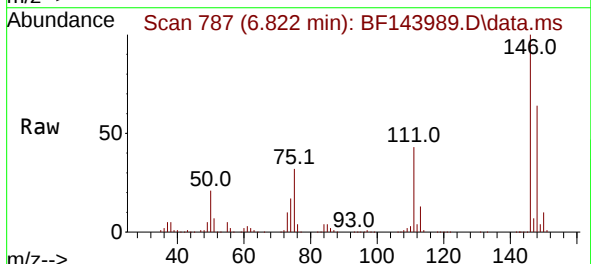
Instrument :
BNA_F
ClientSampleId :
TP-3MS

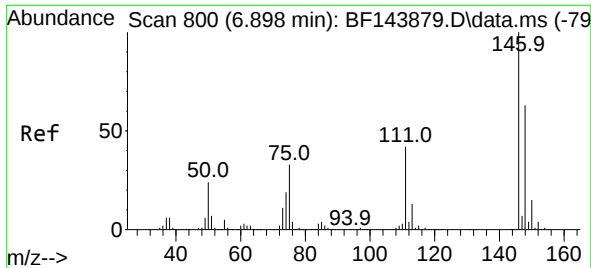
Tgt Ion: 93 Resp: 325848
Ion Ratio Lower Upper
93 100
63 83.2 60.9 100.9
95 31.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 52.977 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:146 Resp: 331565
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 54.924 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

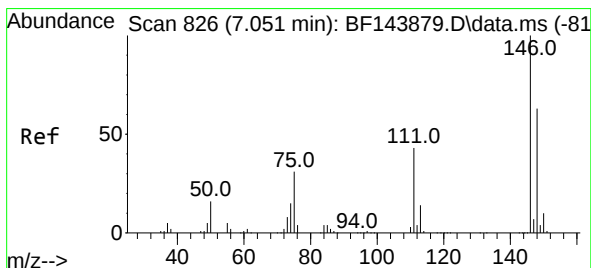
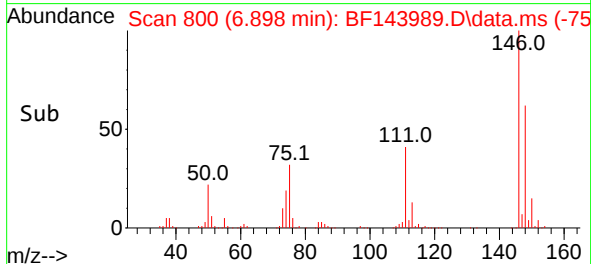
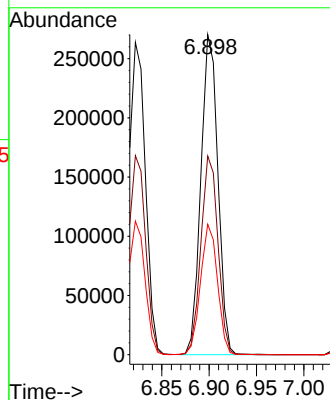
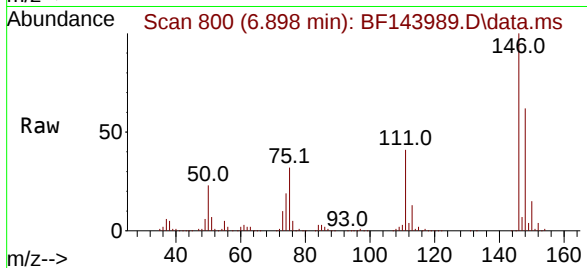
Tgt Ion:146 Resp: 339080

Ion Ratio Lower Upper

146 100

148 62.1 50.5 75.7

111 40.8 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 55.163 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

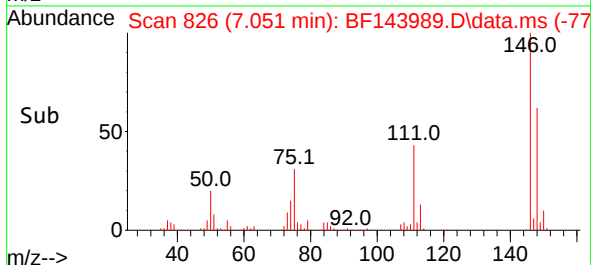
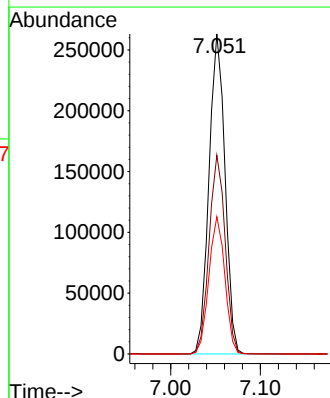
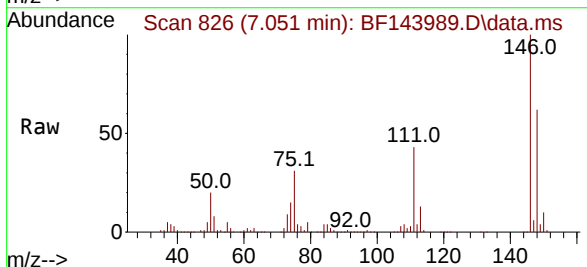
Tgt Ion:146 Resp: 326201

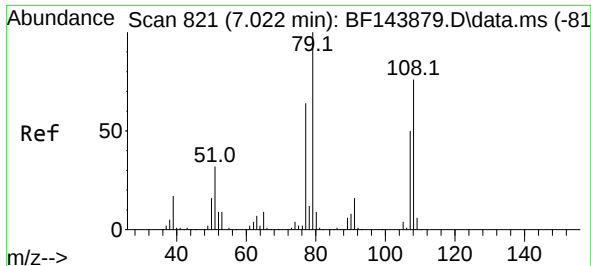
Ion Ratio Lower Upper

146 100

148 62.1 50.6 75.8

111 42.9 34.6 51.8

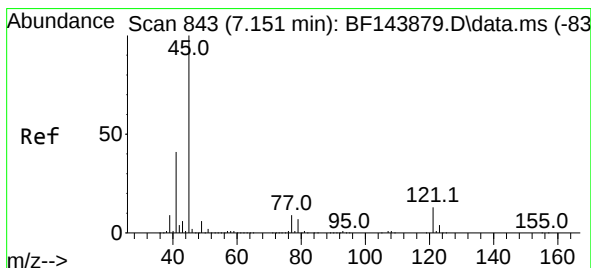
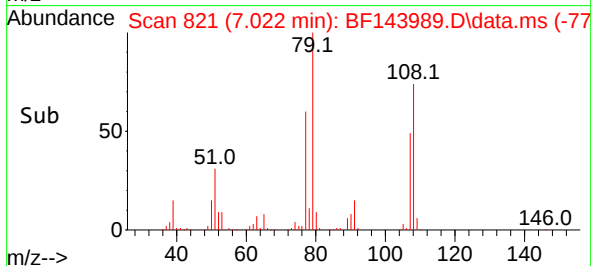
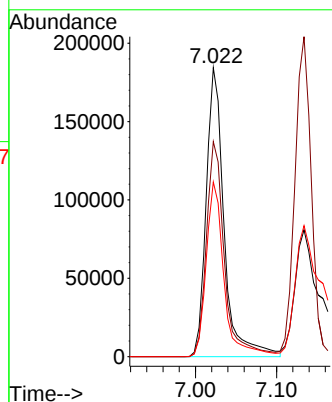
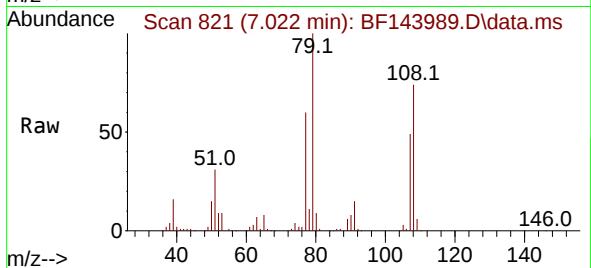




#15
Benzyl Alcohol
Concen: 59.046 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

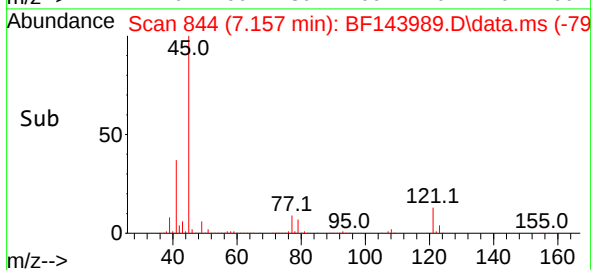
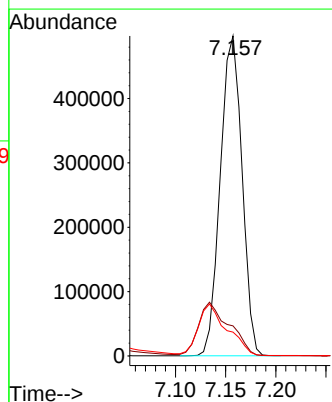
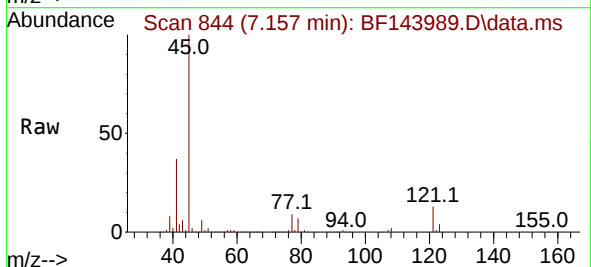
Instrument :
BNA_F
ClientSampleId :
TP-3MS

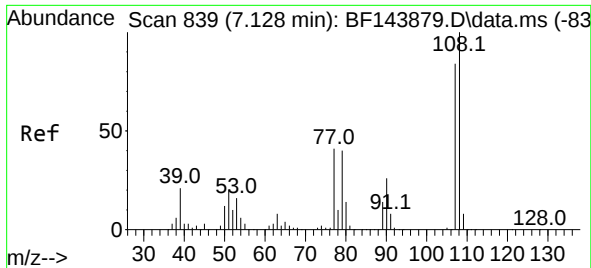
Tgt Ion: 79 Resp: 282063
Ion Ratio Lower Upper
79 100
108 74.4 60.8 91.2
77 60.5 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 55.856 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 45 Resp: 748612
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.0
79 7.5 0.0 26.8

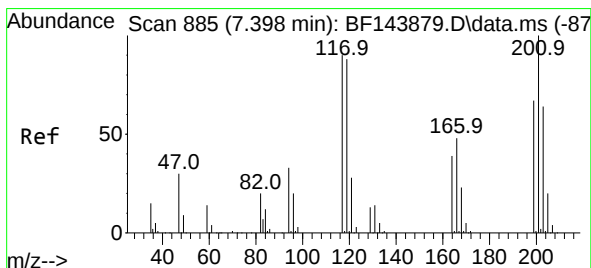
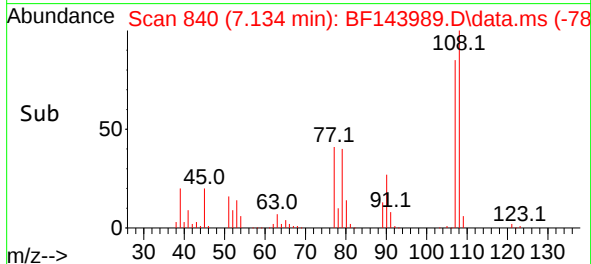
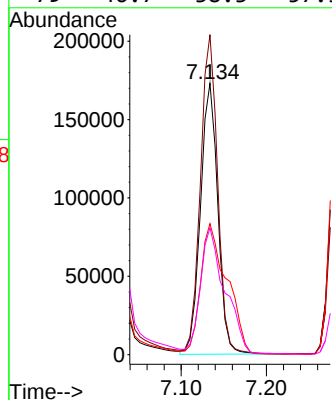
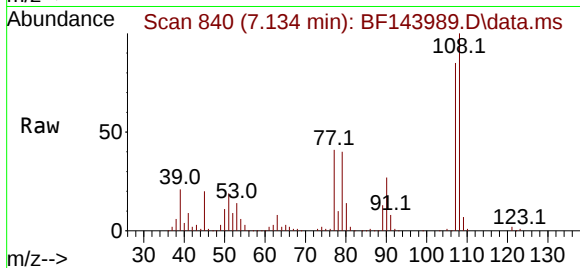




#17
2-Methylphenol
Concen: 56.654 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

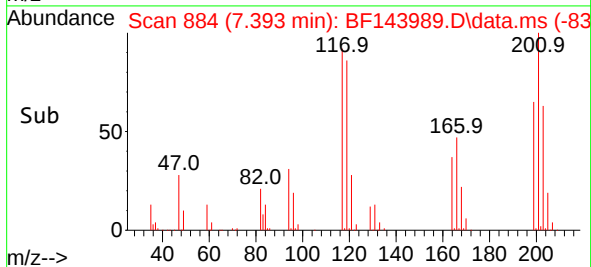
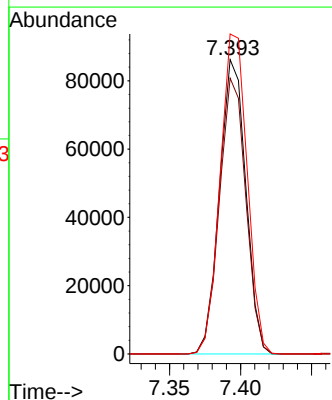
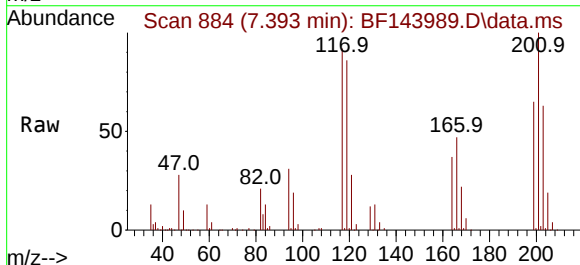
Instrument :
BNA_F
ClientSampleId :
TP-3MS

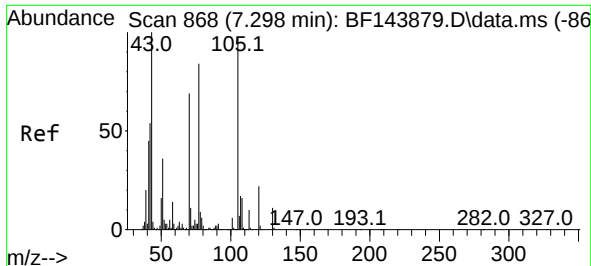
Tgt Ion:	107	Resp:	244806
Ion	Ratio	Lower	Upper
107	100		
108	117.9	94.7	142.1
77	48.3	38.8	58.2
79	46.7	38.3	57.5



#18
Hexachloroethane
Concen: 53.897 ng
RT: 7.393 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:	117	Resp:	110969
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.8	116.8
201	108.7	88.5	132.7



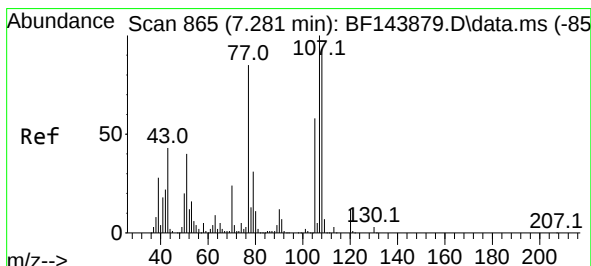
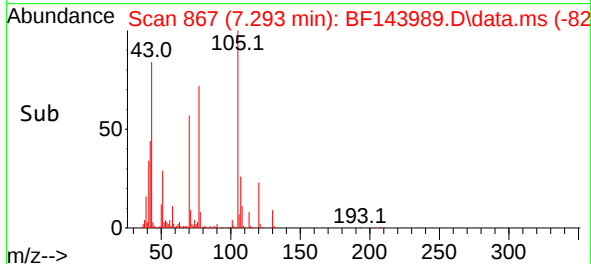
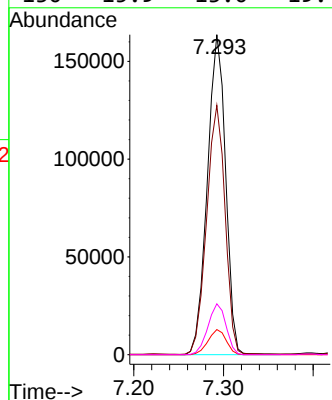
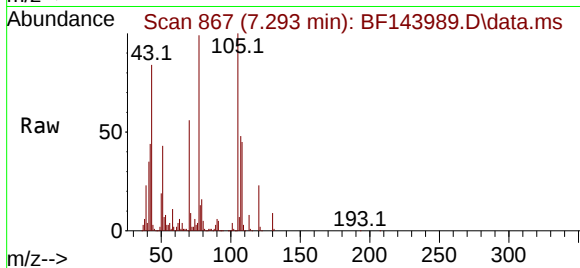


#19
n-Nitroso-di-n-propylamine
Concen: 53.125 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.023 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 70 Resp: 231844

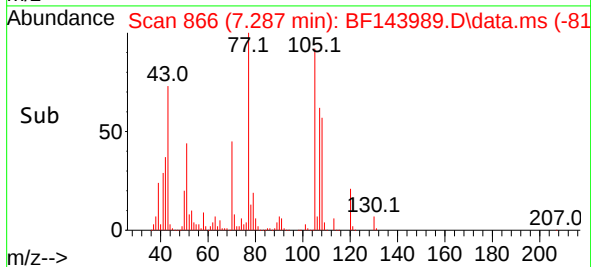
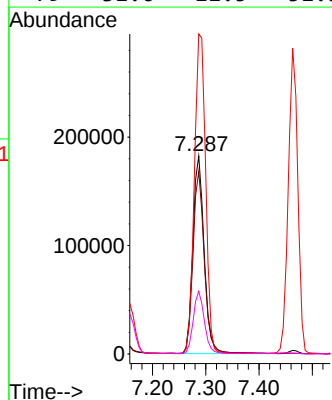
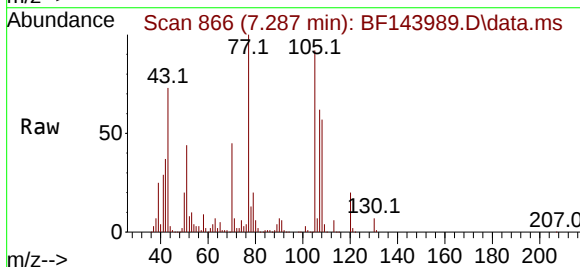
Ion	Ratio	Lower	Upper
70	100		
42	77.9	62.8	94.2
101	7.8	6.7	10.1
130	15.9	13.0	19.4

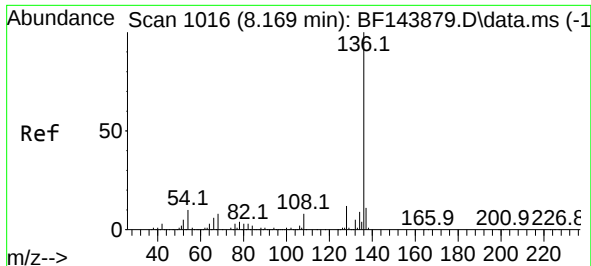


#20
3+4-Methylphenols
Concen: 54.107 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 107 Resp: 270970

Ion	Ratio	Lower	Upper
107	100		
108	92.3	73.0	113.0
77	161.7	64.6	104.6#
79	31.6	11.5	51.5

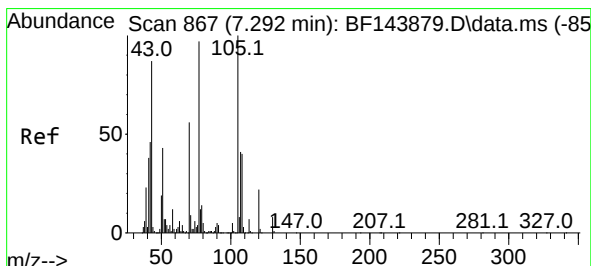
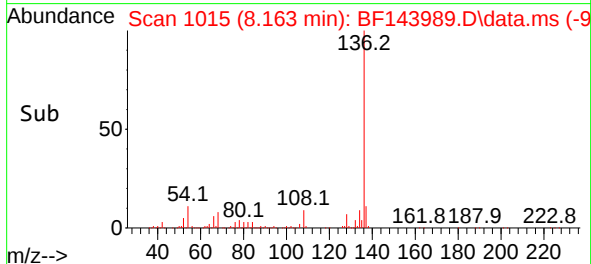
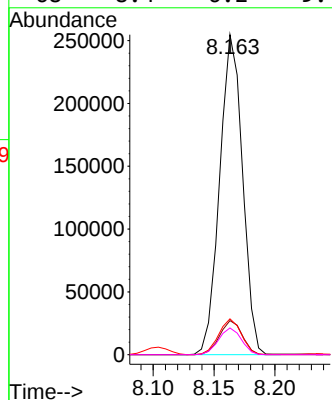
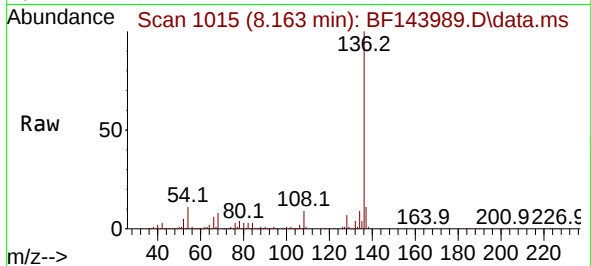




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

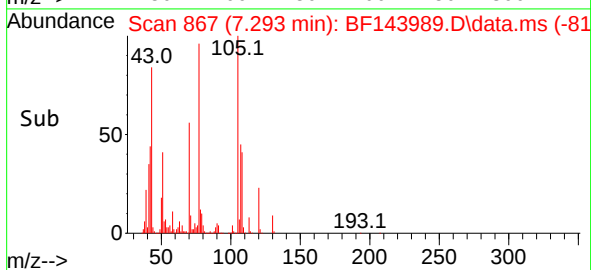
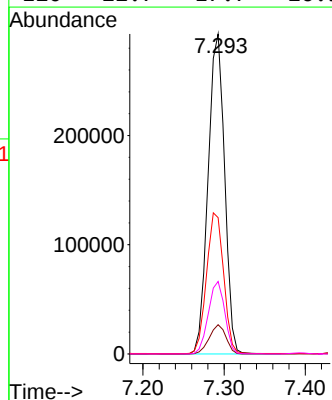
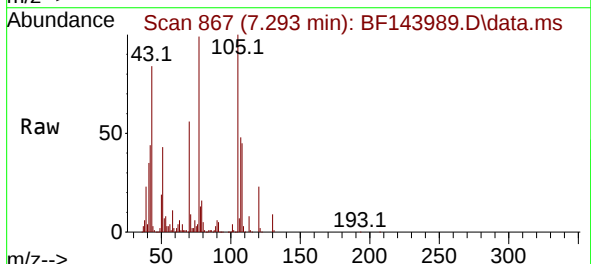
Instrument :
BNA_F
ClientSampleId :
TP-3MS

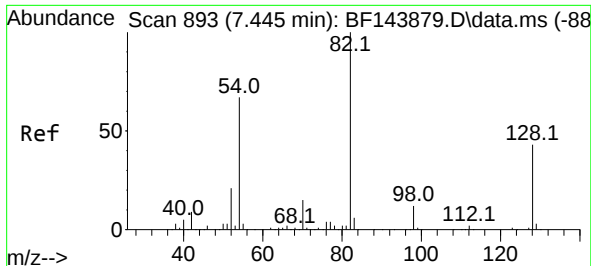
Tgt Ion:136 Resp: 333517
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.2 8.2 12.4
68 8.4 6.2 9.4



#22
Acetophenone
Concen: 58.585 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:105 Resp: 413141
Ion Ratio Lower Upper
105 100
71 9.1 7.4 11.0
51 42.6 34.2 51.4
120 22.7 17.7 26.5





#23

Nitrobenzene-d5

Concen: 113.750 ng

RT: 7.446 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

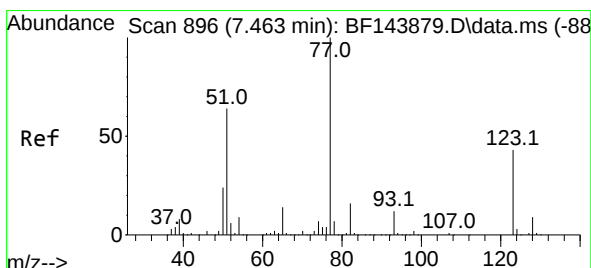
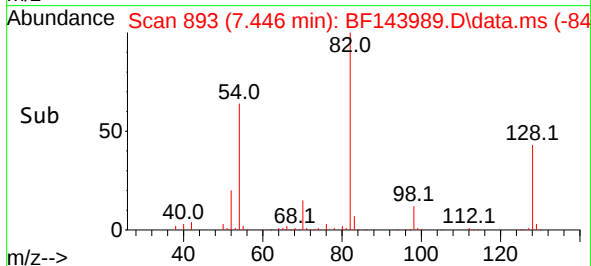
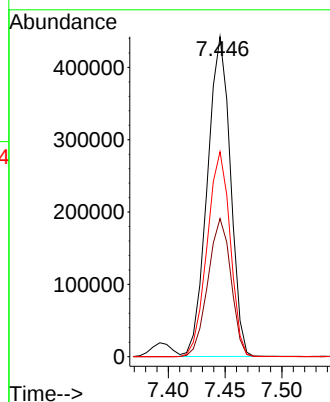
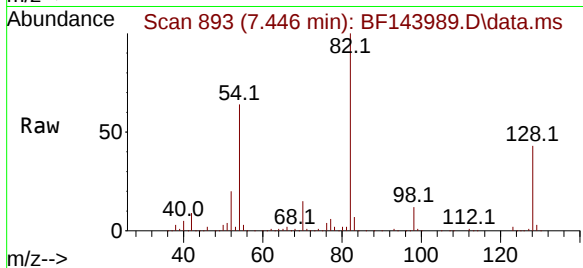
Tgt Ion: 82 Resp: 624439

Ion Ratio Lower Upper

82 100

128 43.1 34.0 51.0

54 64.0 53.2 79.8



#24

Nitrobenzene

Concen: 57.464 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

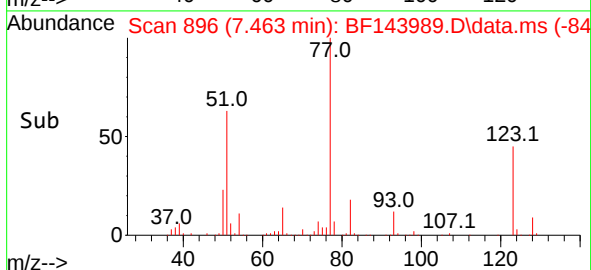
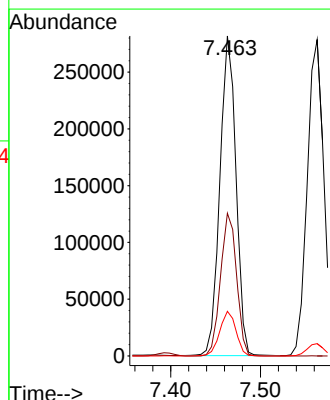
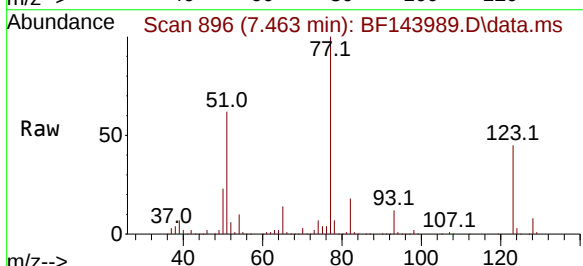
Tgt Ion: 77 Resp: 350310

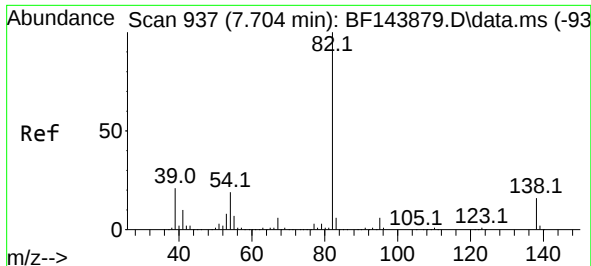
Ion Ratio Lower Upper

77 100

123 44.6 34.2 51.4

65 14.0 11.0 16.6

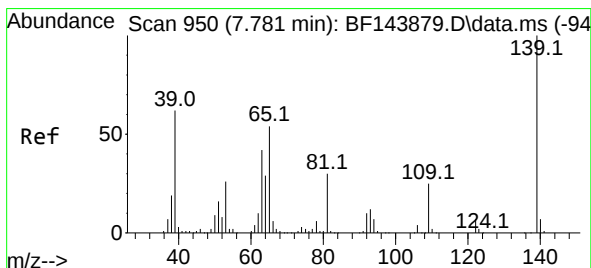
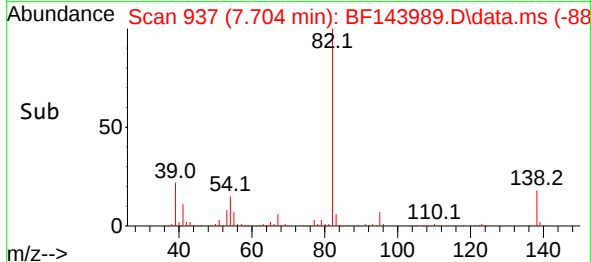
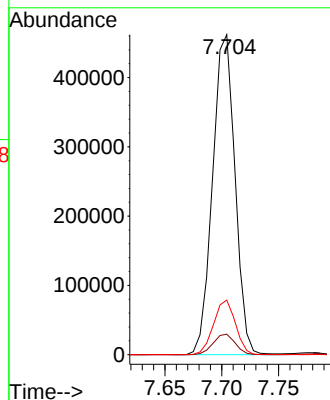
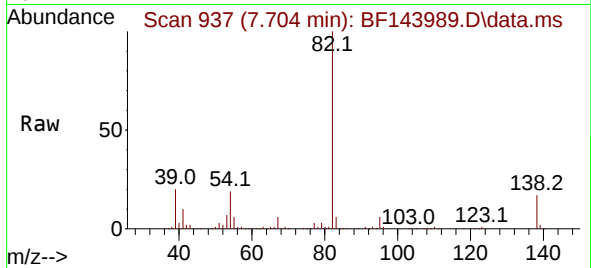




#25
Isophorone
Concen: 54.878 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

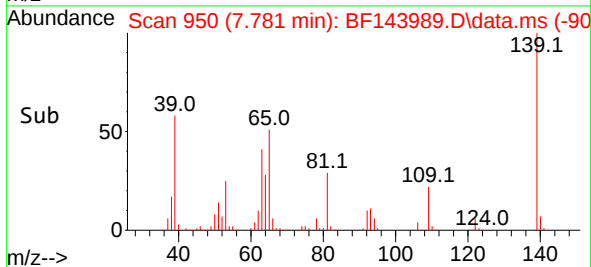
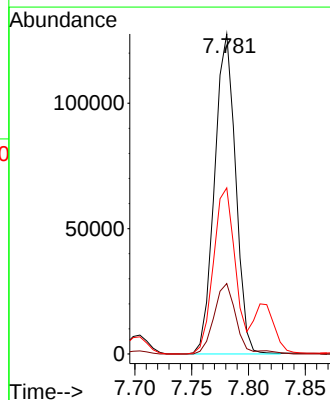
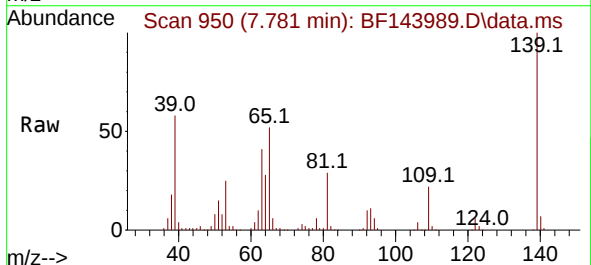
Instrument :
BNA_F
ClientSampleId :
TP-3MS

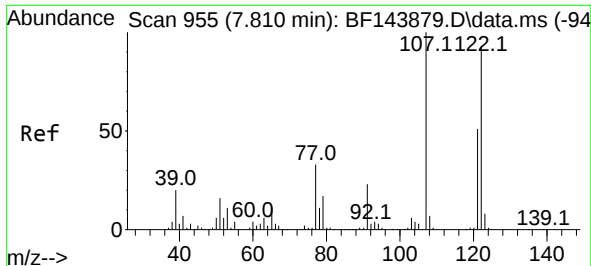
Tgt Ion: 82 Resp: 635207
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 17.0 12.9 19.3



#26
2-Nitrophenol
Concen: 63.004 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:139 Resp: 164670
Ion Ratio Lower Upper
139 100
109 22.0 19.8 29.6
65 51.9 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 59.283 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

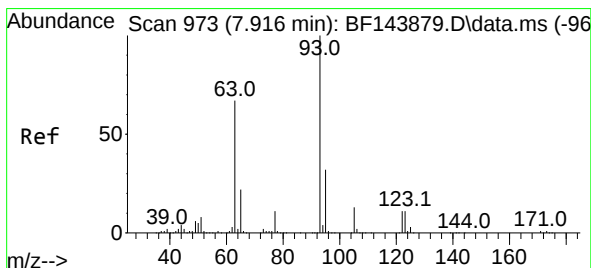
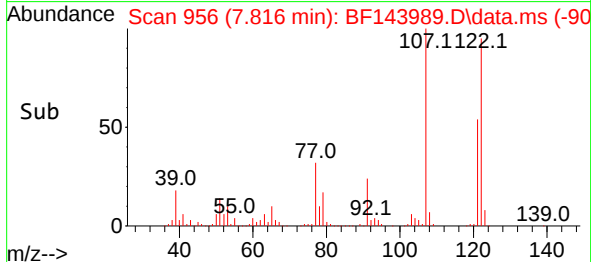
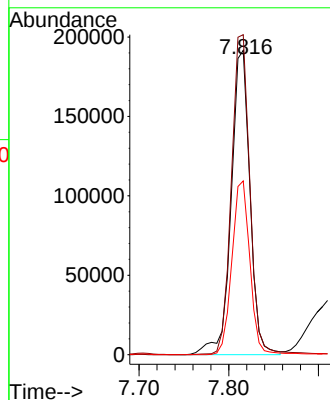
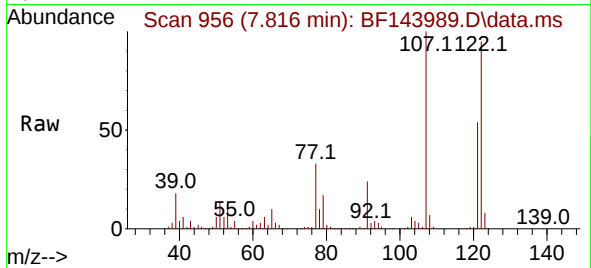
Tgt Ion:122 Resp: 278723

Ion Ratio Lower Upper

122 100

107 105.1 86.1 129.1

121 57.1 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 56.104 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

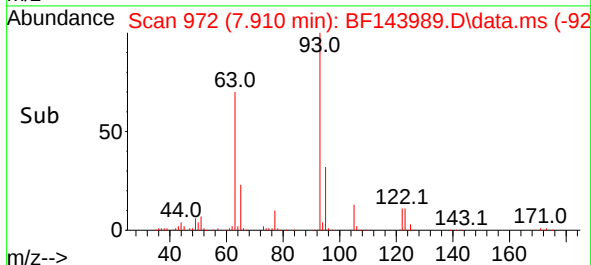
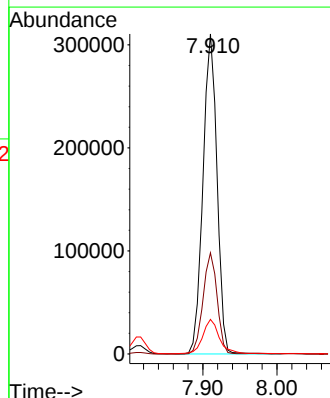
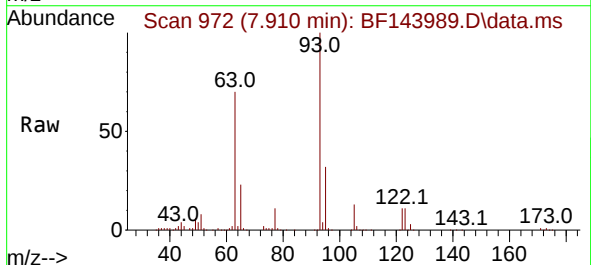
Tgt Ion: 93 Resp: 410216

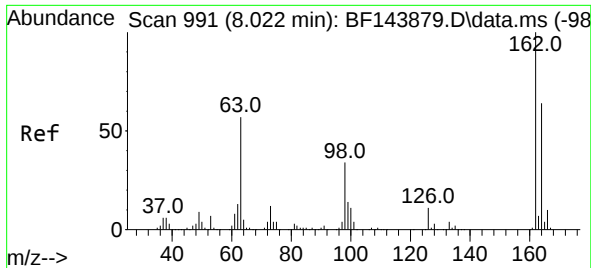
Ion Ratio Lower Upper

93 100

95 31.6 25.9 38.9

123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 55.557 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

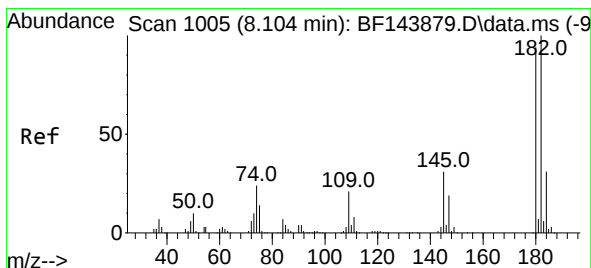
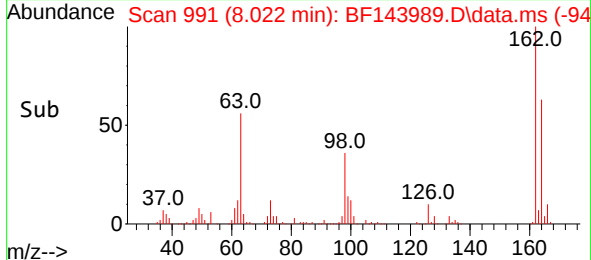
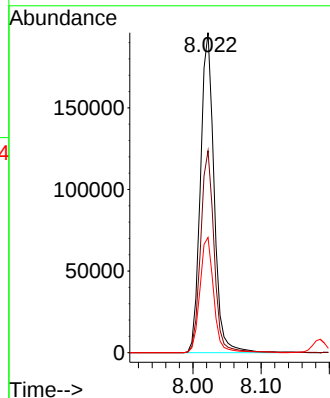
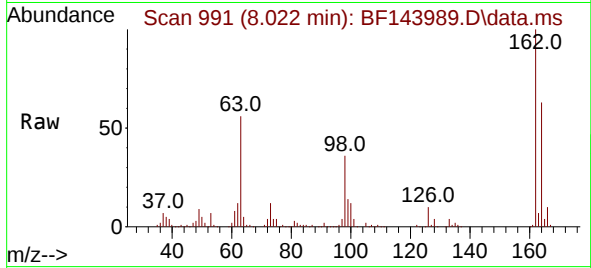
Tgt Ion:162 Resp: 272083

Ion Ratio Lower Upper

162 100

164 63.1 43.9 83.9

98 36.0 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 56.655 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

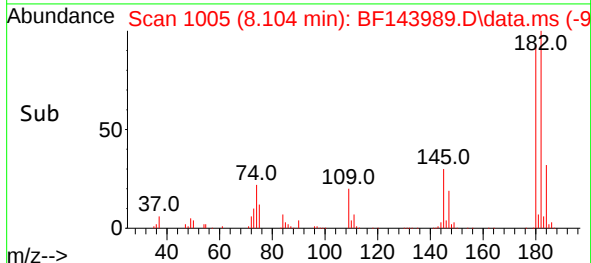
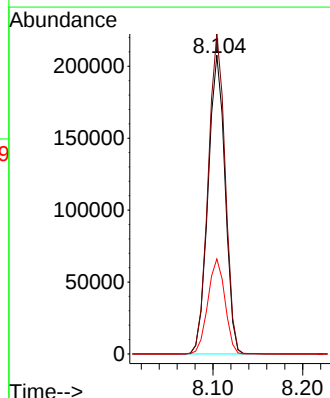
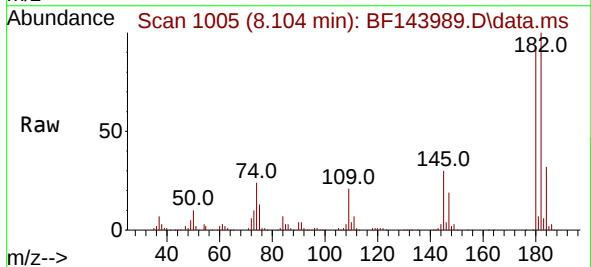
Tgt Ion:180 Resp: 272877

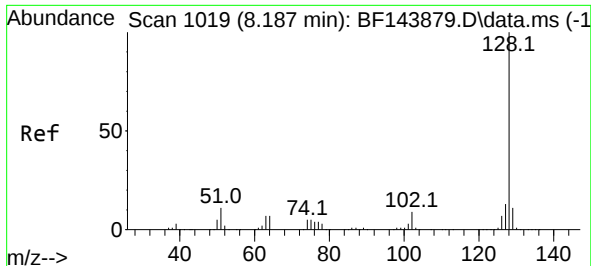
Ion Ratio Lower Upper

180 100

182 107.1 85.4 128.0

145 31.8 26.3 39.5

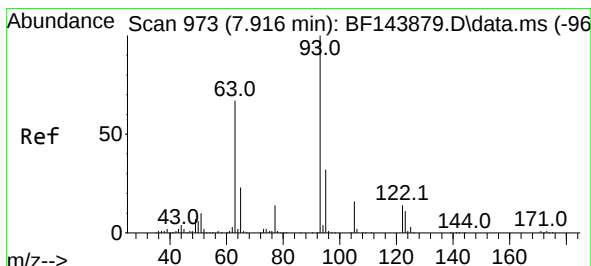
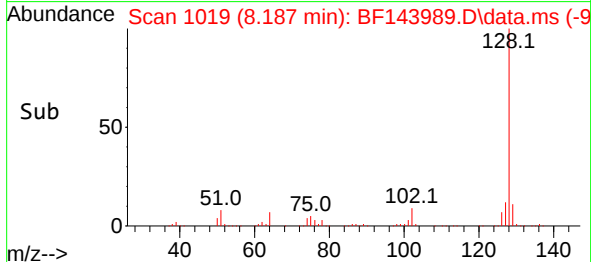
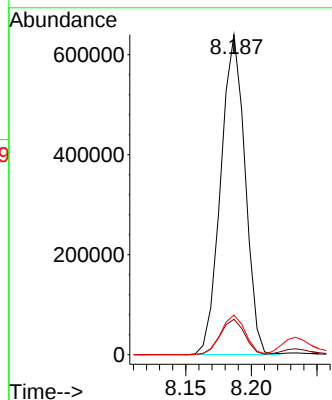
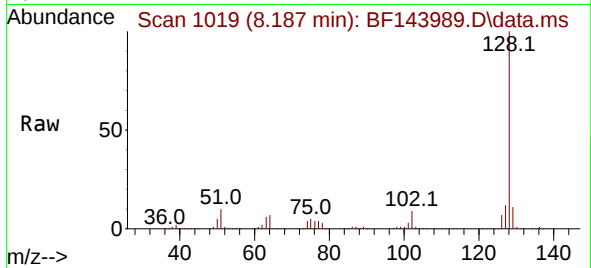




#31
Naphthalene
Concen: 54.300 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

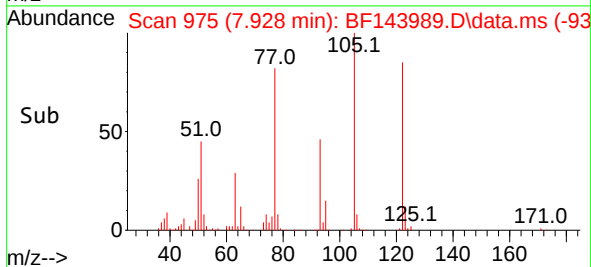
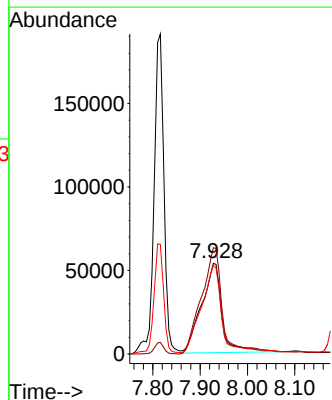
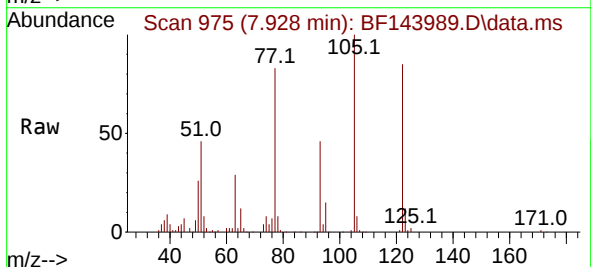
Instrument :
BNA_F
ClientSampleId :
TP-3MS

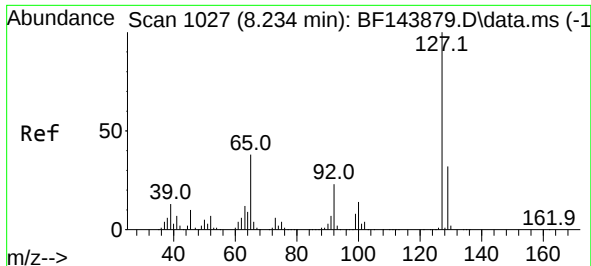
Tgt Ion:128 Resp: 823804
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.4 10.0 15.0



#32
Benzoic acid
Concen: 49.588 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:122 Resp: 161352
Ion Ratio Lower Upper
122 100
105 117.4 93.5 133.5
77 97.9 76.3 116.3

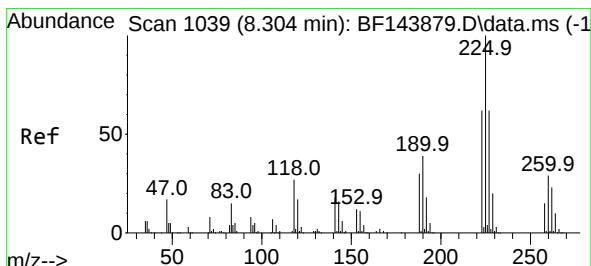
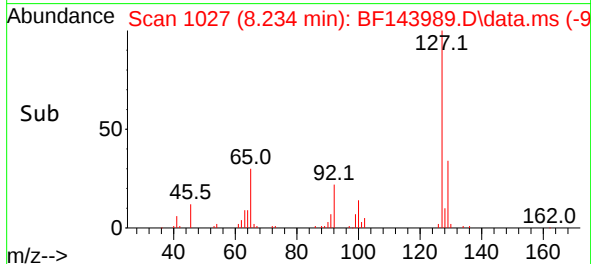
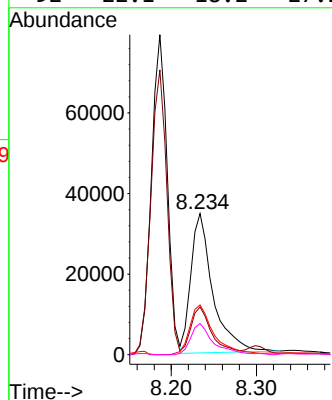
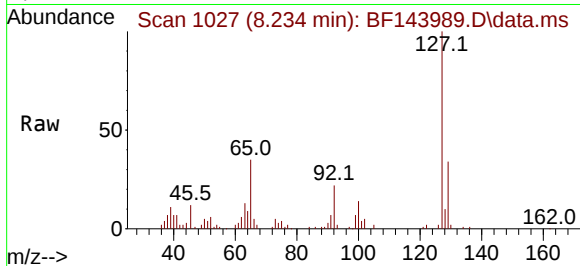




#33
4-Chloroaniline
Concen: 10.906 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

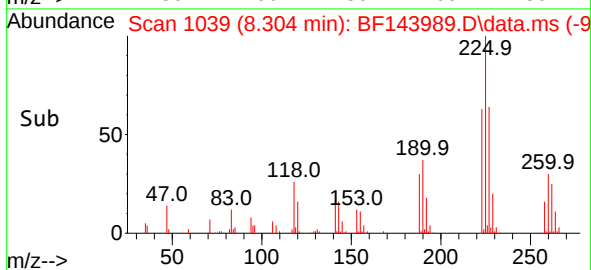
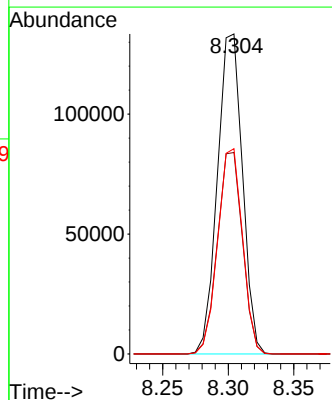
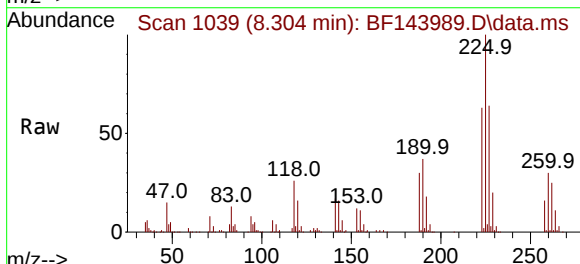
Instrument :
BNA_F
ClientSampleId :
TP-3MS

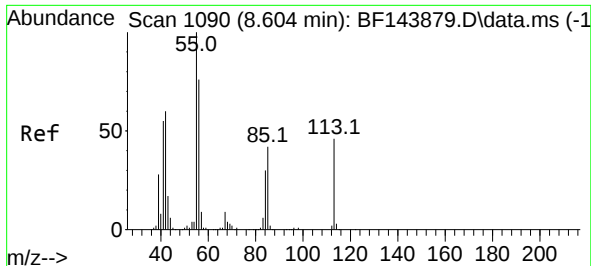
Tgt Ion:	127	Resp:	62053
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.8	38.8
65	35.3	30.0	45.0
92	22.1	18.2	27.2



#34
Hexachlorobutadiene
Concen: 52.900 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:	225	Resp:	177052
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.2
227	64.2	49.7	74.5

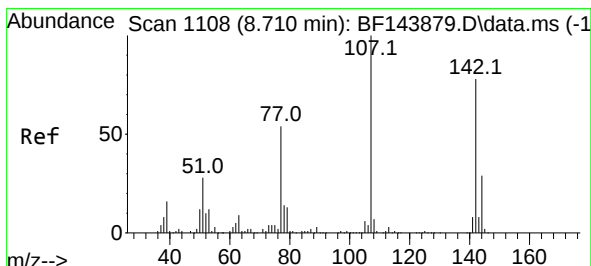
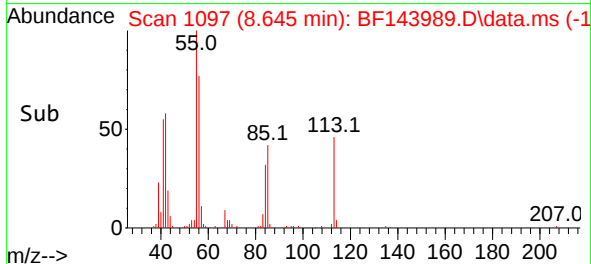
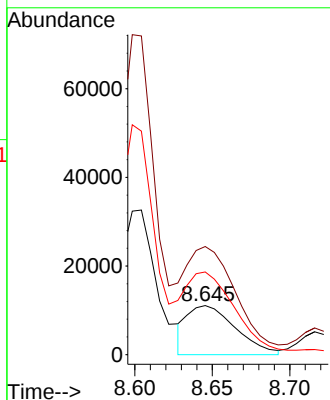
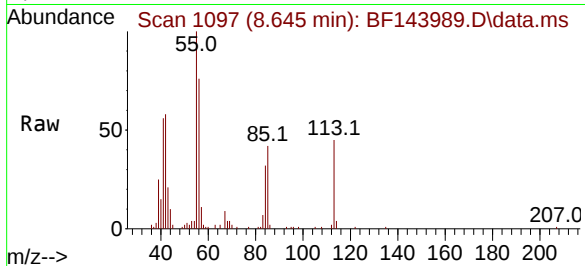




#35
Caprolactam
Concen: 15.488 ng
RT: 8.645 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

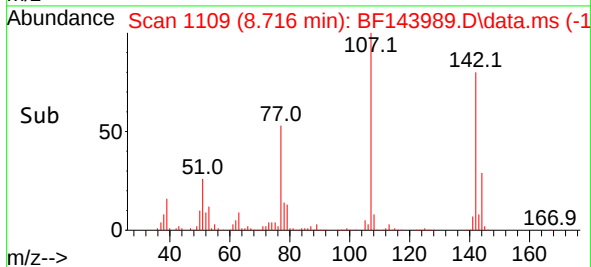
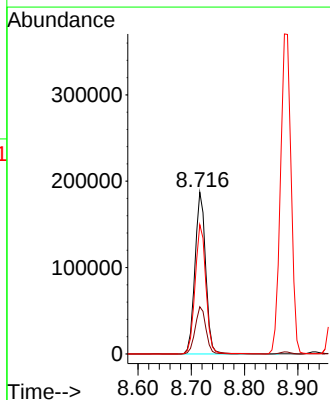
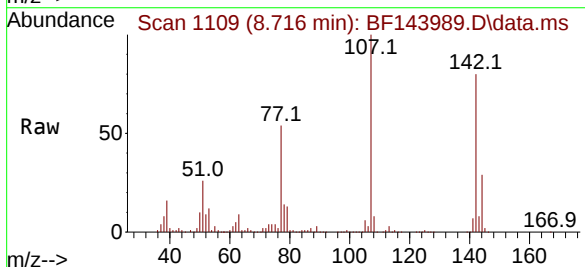
Instrument :
BNA_F
ClientSampleId :
TP-3MS

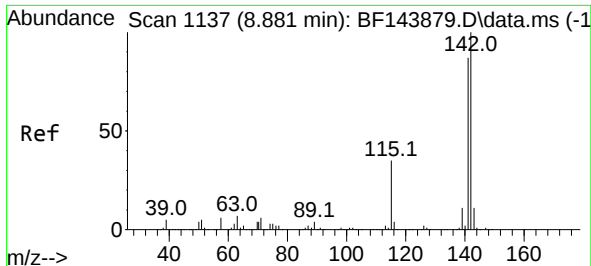
Tgt Ion:113 Resp: 24117
Ion Ratio Lower Upper
113 100
55 220.1 199.6 239.6
56 168.3 146.0 186.0



#36
4-Chloro-3-methylphenol
Concen: 55.989 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:107 Resp: 263386
Ion Ratio Lower Upper
107 100
144 29.1 23.1 34.7
142 79.9 62.6 94.0

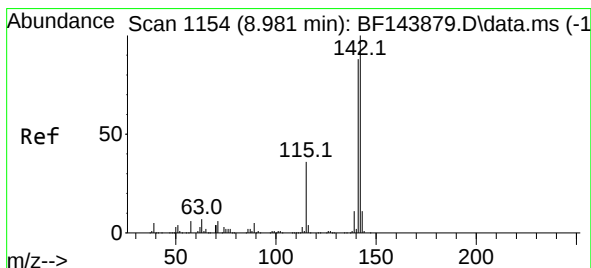
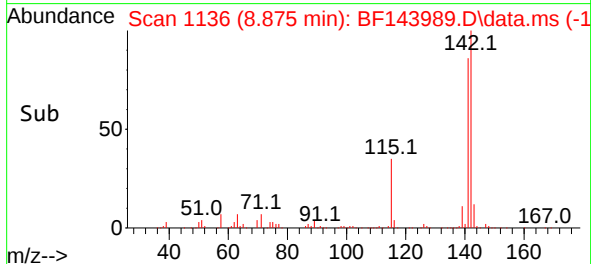
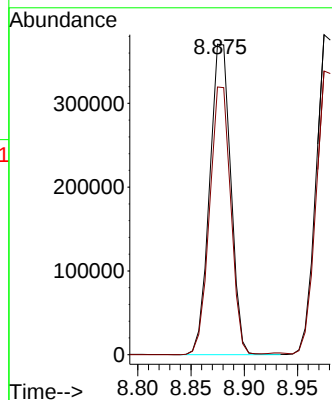
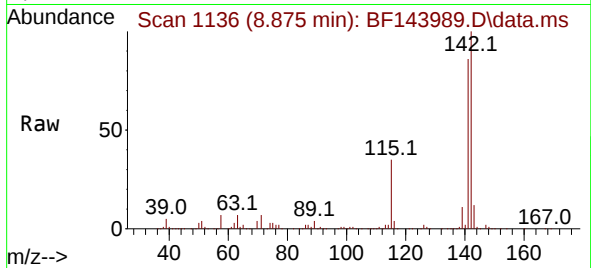




#37
2-Methylnaphthalene
Concen: 50.781 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

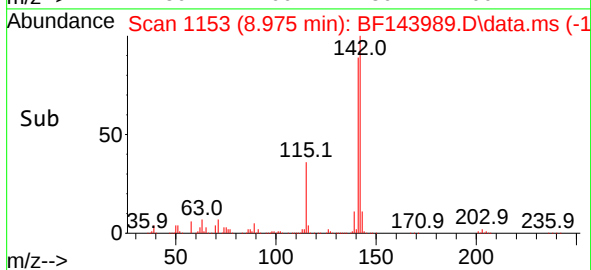
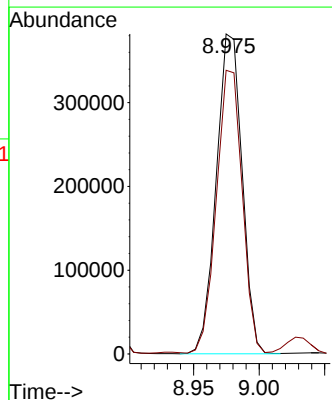
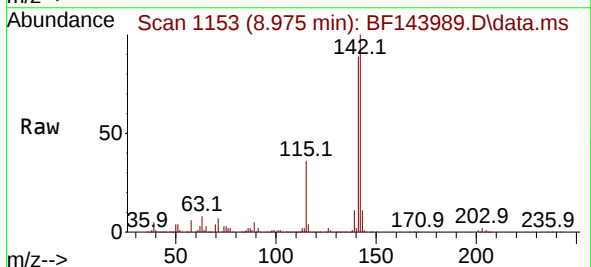
Instrument :
BNA_F
ClientSampleId :
TP-3MS

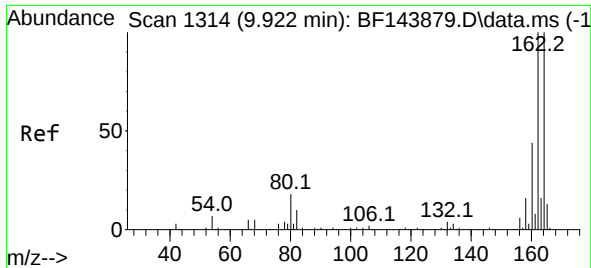
Tgt Ion:142 Resp: 513194
Ion Ratio Lower Upper
142 100
141 86.2 69.2 103.8



#38
1-Methylnaphthalene
Concen: 53.263 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:142 Resp: 522115
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

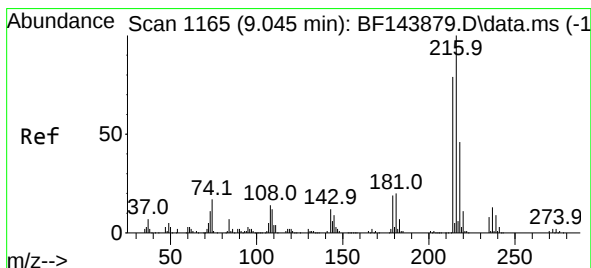
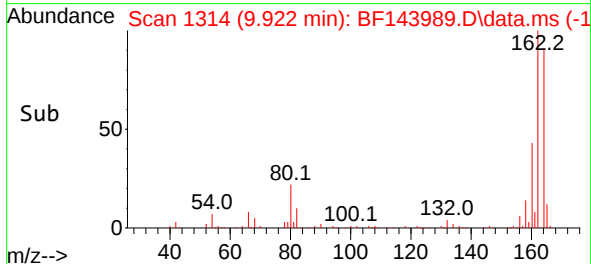
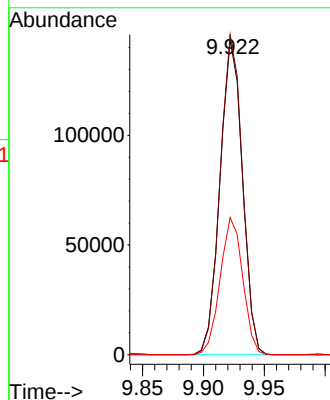
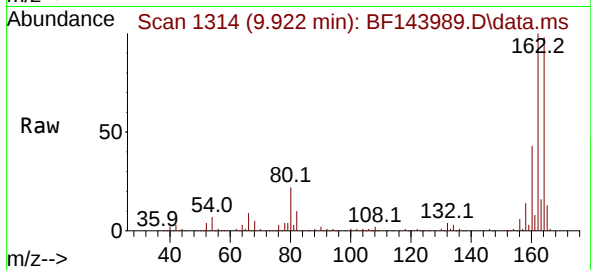




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1114
Delta R.T. -0.005 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

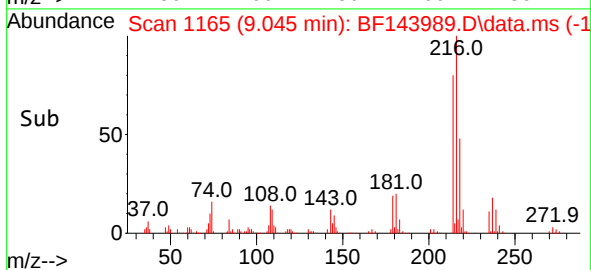
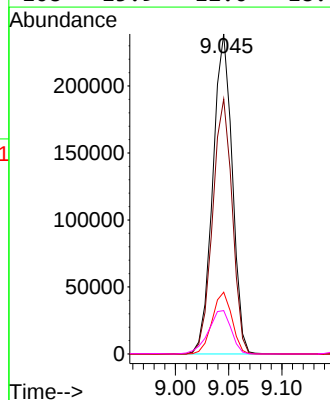
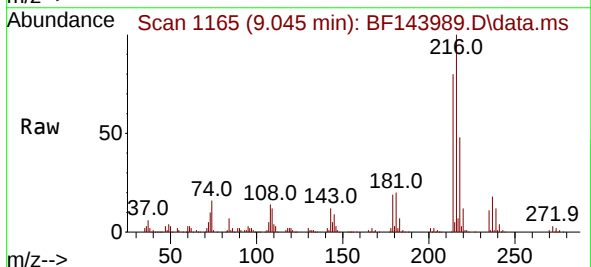
Instrument :
BNA_F
ClientSampleId :
TP-3MS

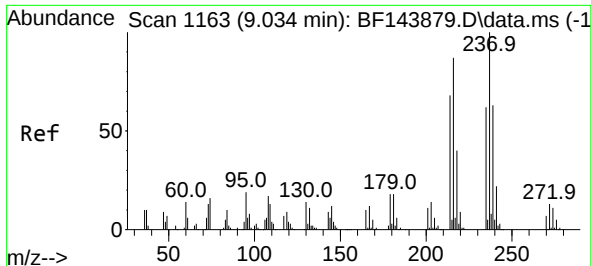
Tgt Ion:164 Resp: 183894
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 43.5 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.566 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:216 Resp: 302751
Ion Ratio Lower Upper
216 100
214 80.1 62.6 94.0
179 19.6 15.4 23.0
108 15.9 12.0 18.0

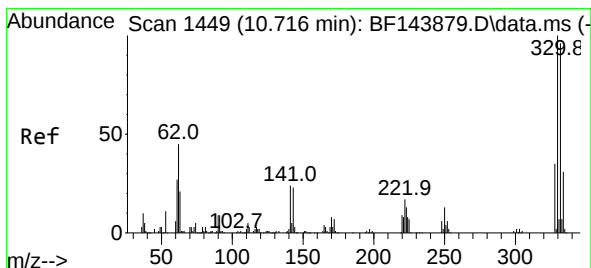
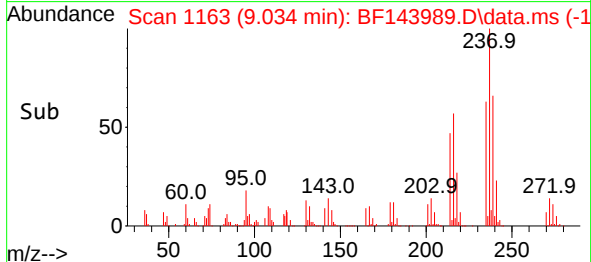
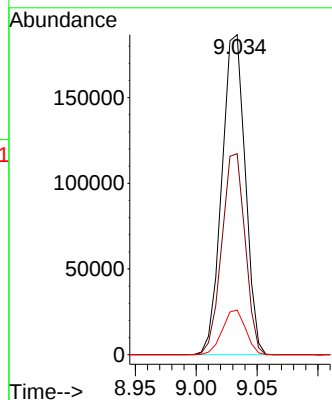
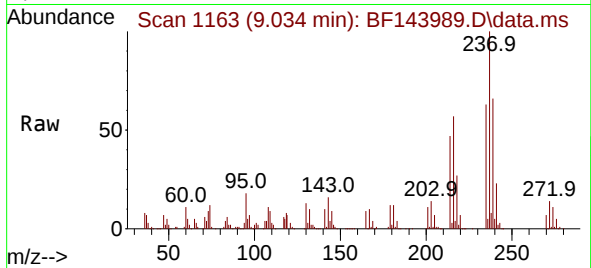




#41
Hexachlorocyclopentadiene
Concen: 118.337 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

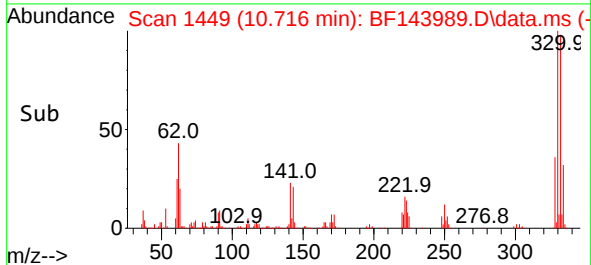
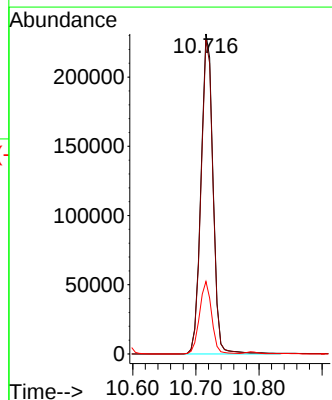
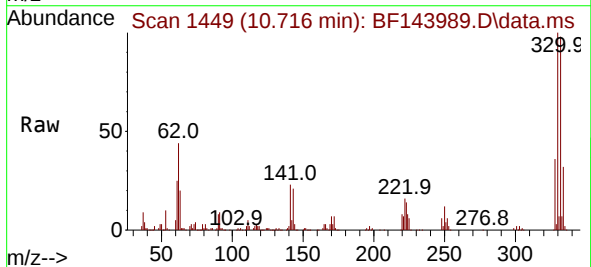
Instrument :
BNA_F
ClientSampleId :
TP-3MS

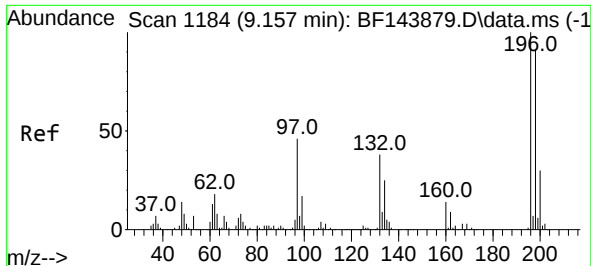
Tgt Ion:237 Resp: 249519
Ion Ratio Lower Upper
237 100
235 62.8 42.3 82.3
272 14.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 167.862 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:330 Resp: 307460
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 22.9 20.2 30.4

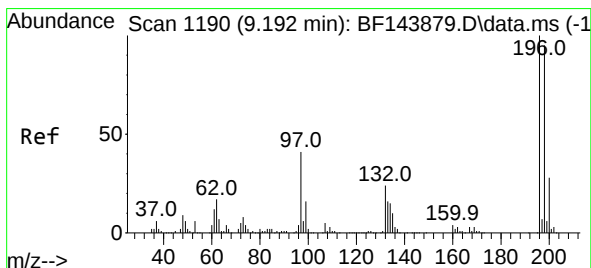
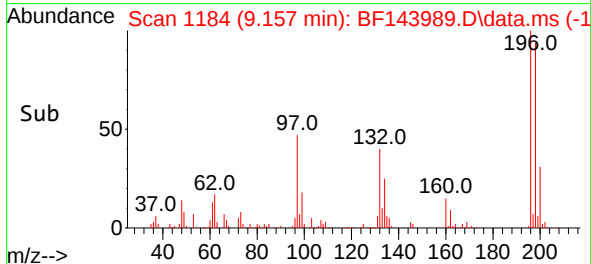
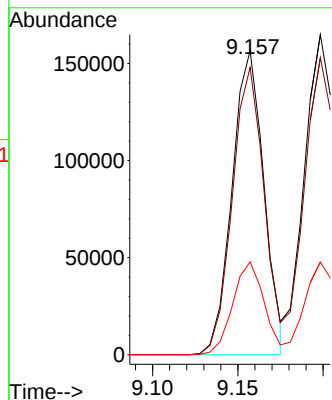
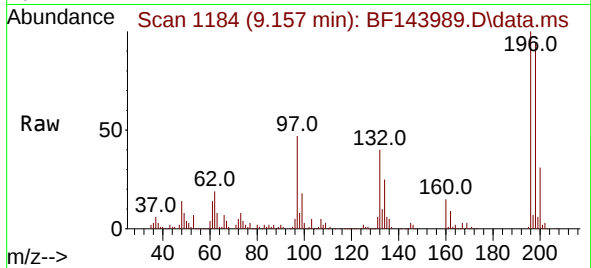




#43
2,4,6-Trichlorophenol
Concen: 54.834 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

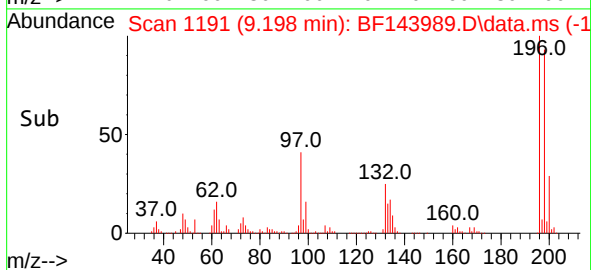
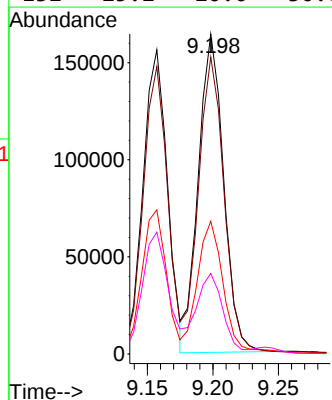
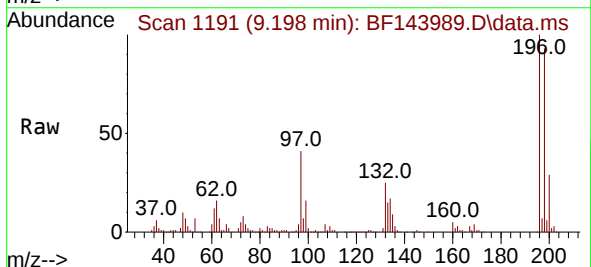
Instrument :
BNA_F
ClientSampleId :
TP-3MS

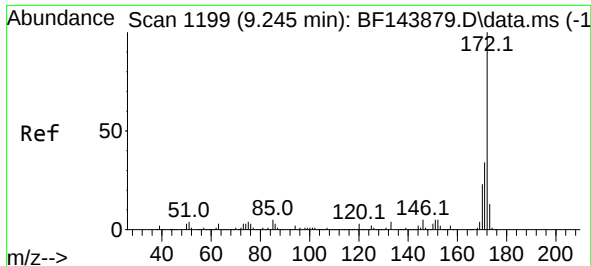
Tgt Ion:196 Resp: 203632
Ion Ratio Lower Upper
196 100
198 94.5 72.8 109.2
200 30.5 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 56.197 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:196 Resp: 220540
Ion Ratio Lower Upper
196 100
198 92.8 75.5 113.3
97 41.5 33.9 50.9
132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 102.169 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

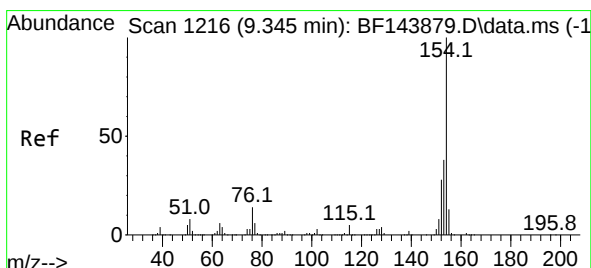
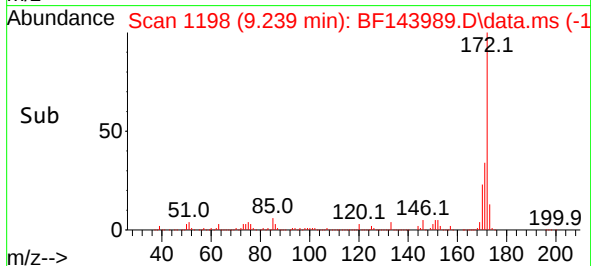
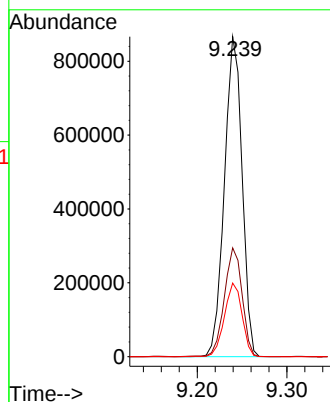
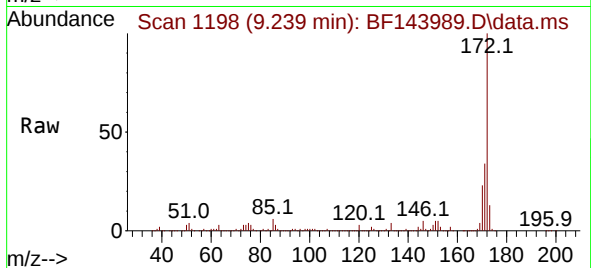
Tgt Ion:172 Resp: 1184077

Ion Ratio Lower Upper

172 100

171 34.0 27.4 41.0

170 23.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 60.021 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

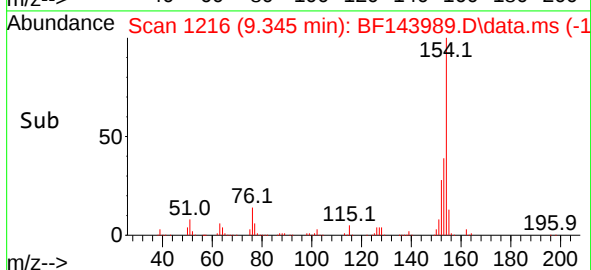
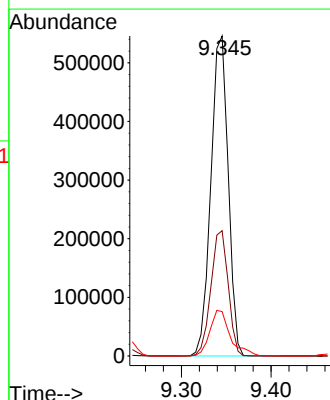
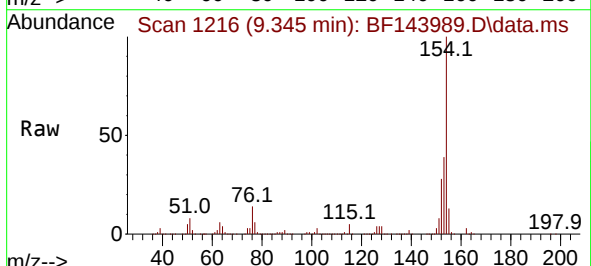
Tgt Ion:154 Resp: 730778

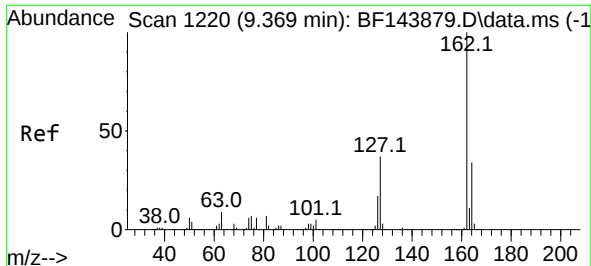
Ion Ratio Lower Upper

154 100

153 39.1 18.4 58.4

76 13.9 0.0 34.0

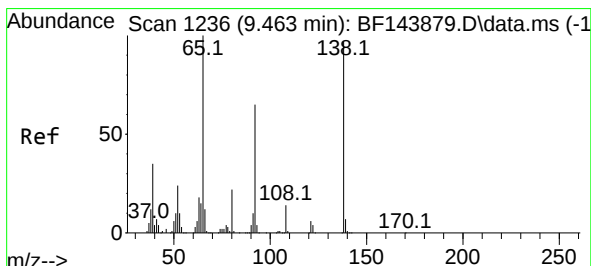
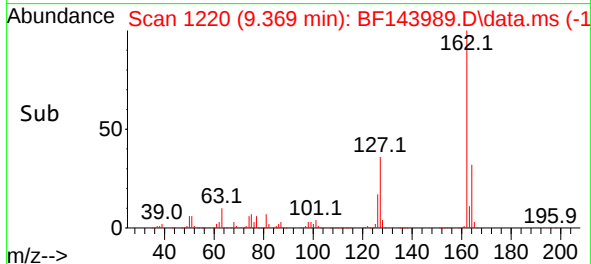
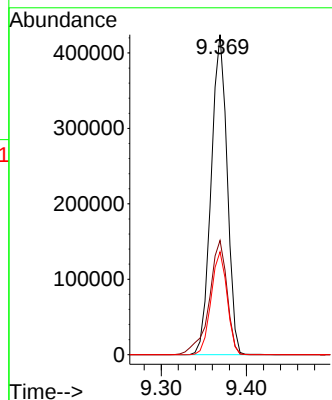
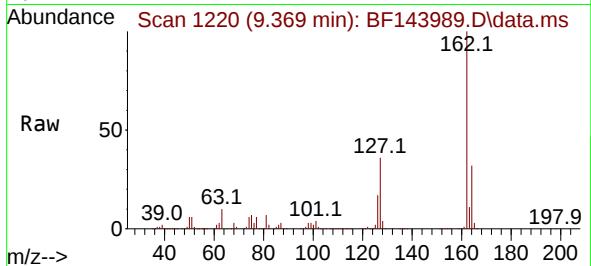




#47
2-Chloronaphthalene
Concen: 54.624 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

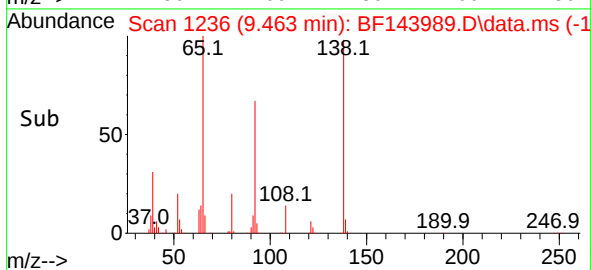
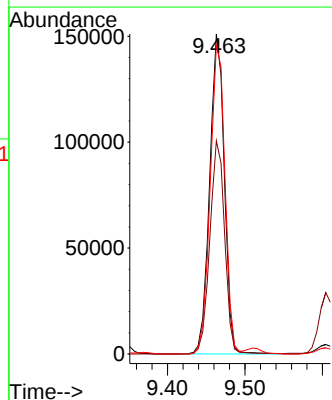
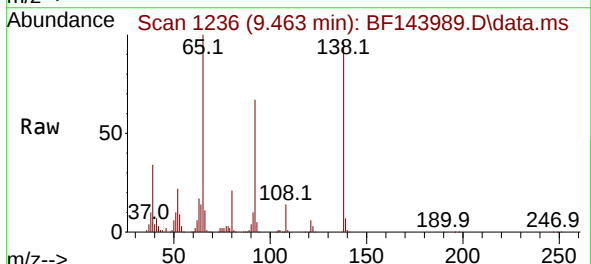
Instrument :
BNA_F
ClientSampleId :
TP-3MS

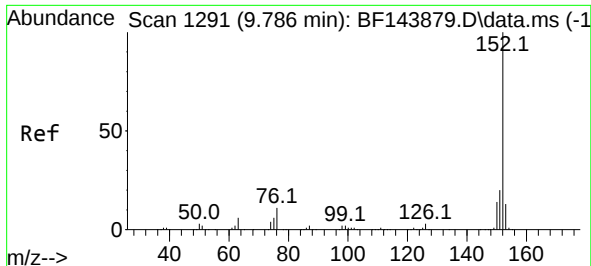
Tgt Ion:162 Resp: 554506
Ion Ratio Lower Upper
162 100
127 35.7 30.2 45.2
164 32.2 26.9 40.3



#48
2-Nitroaniline
Concen: 61.892 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion: 65 Resp: 198638
Ion Ratio Lower Upper
65 100
92 66.6 52.1 78.1
138 96.5 77.4 116.2

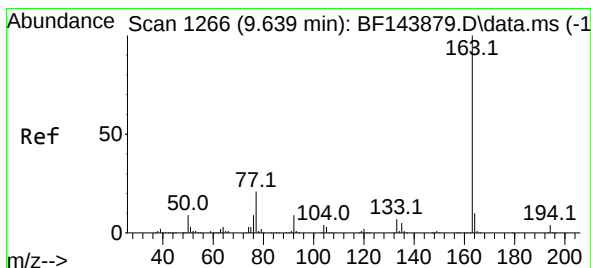
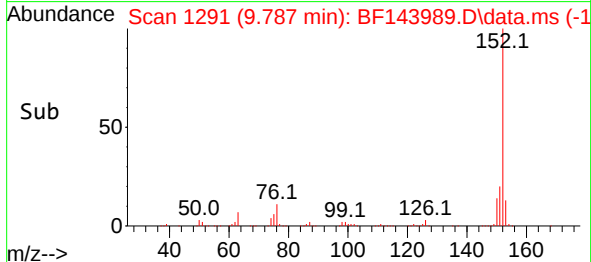
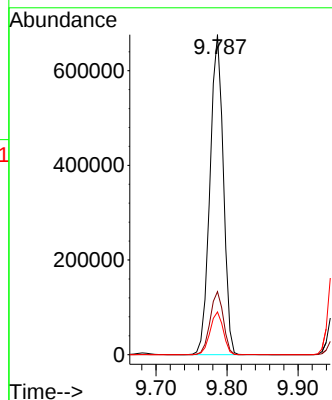
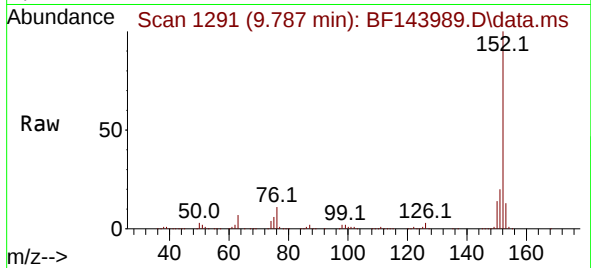




#49
Acenaphthylene
Concen: 62.032 ng
RT: 9.787 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

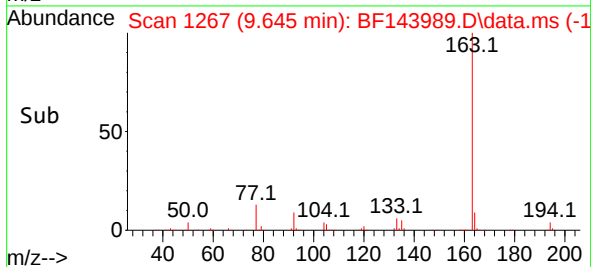
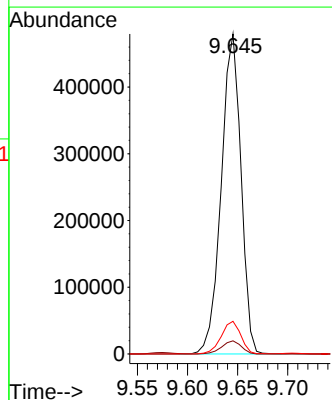
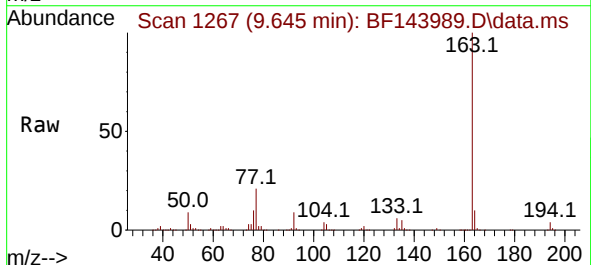
Instrument :
BNA_F
ClientSampleId :
TP-3MS

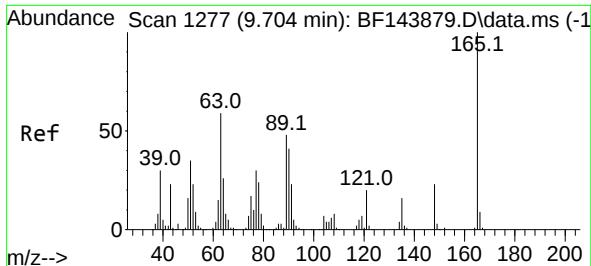
Tgt Ion:152 Resp: 885274
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.4 10.5 15.7



#50
Dimethylphthalate
Concen: 56.086 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:163 Resp: 654970
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 67.156 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

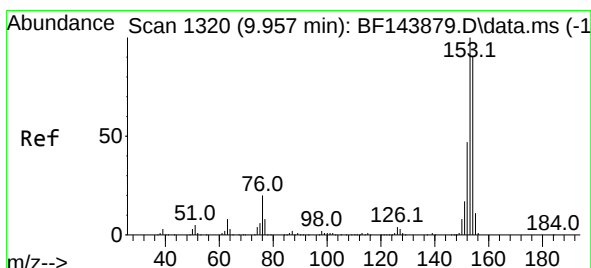
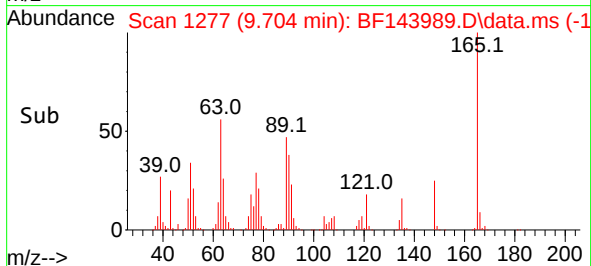
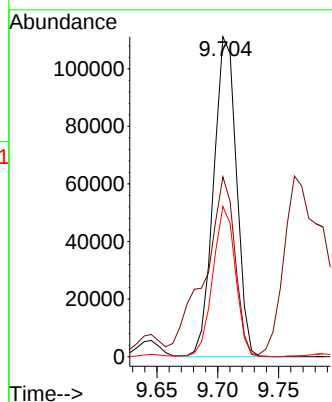
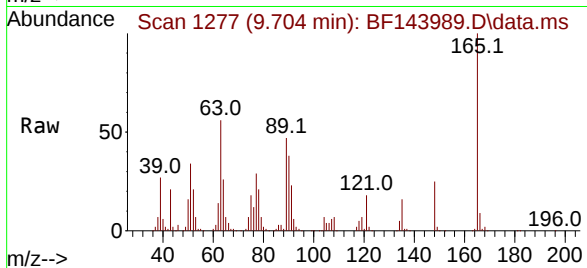
Tgt Ion:165 Resp: 145425

Ion Ratio Lower Upper

165 100

63 56.2 47.3 70.9

89 47.0 38.2 57.4



#52

Acenaphthene

Concen: 57.515 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

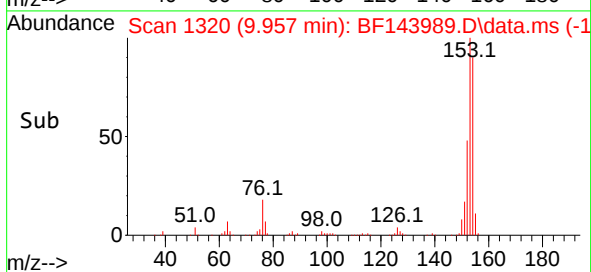
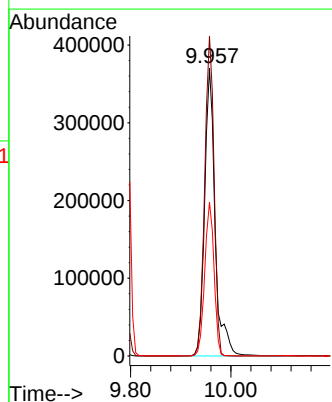
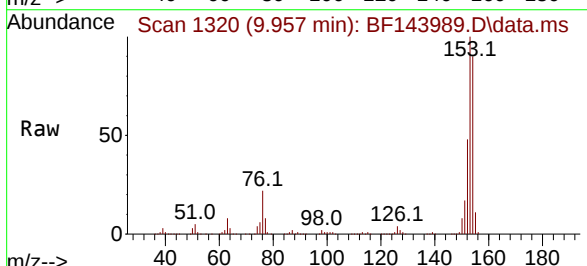
Tgt Ion:154 Resp: 537847

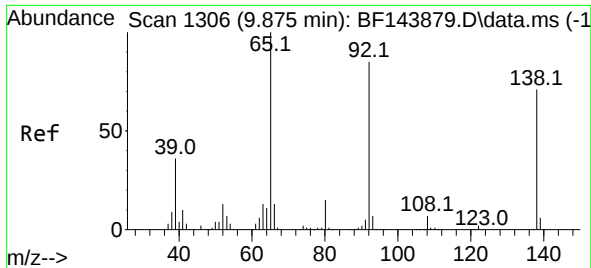
Ion Ratio Lower Upper

154 100

153 111.3 89.3 133.9

152 53.4 42.2 63.2

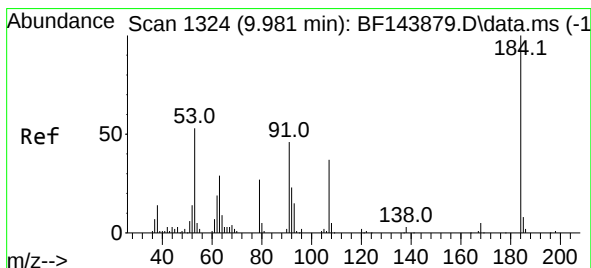
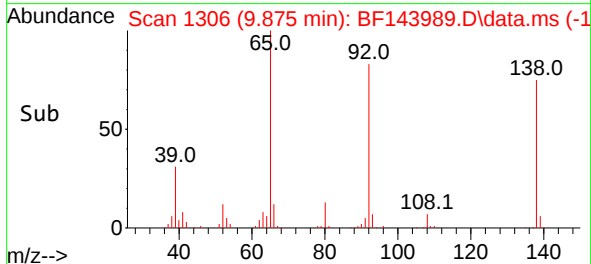
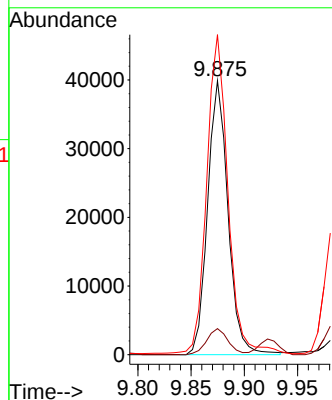
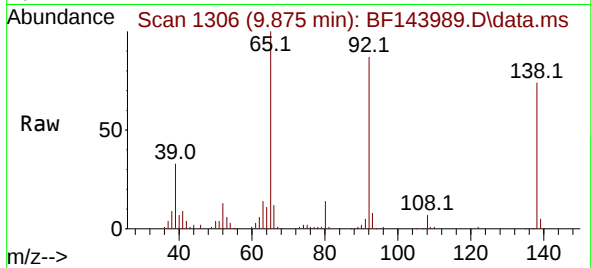




#53
3-Nitroaniline
Concen: 20.098 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

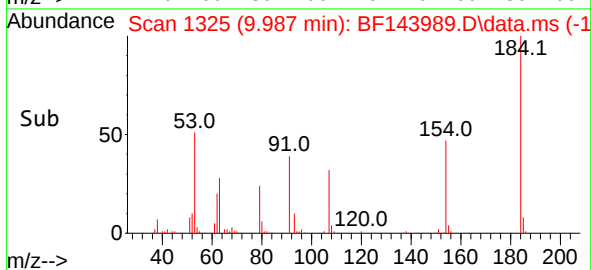
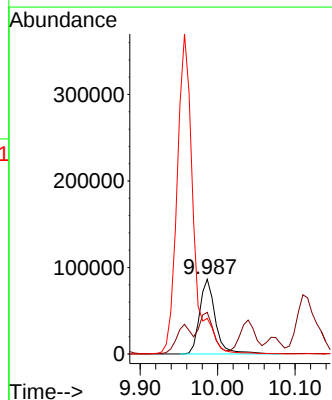
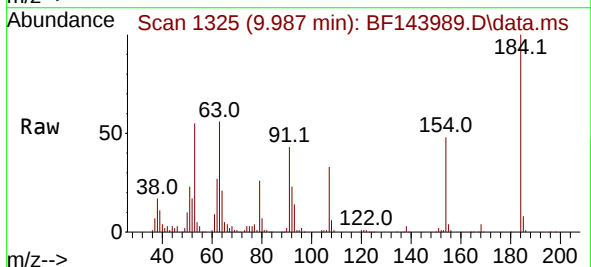
Instrument :
BNA_F
ClientSampleId :
TP-3MS

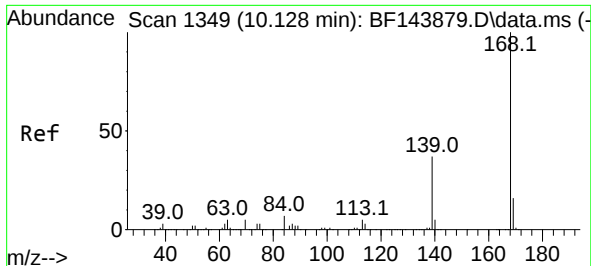
Tgt Ion:138 Resp: 53290
Ion Ratio Lower Upper
138 100
108 9.5 8.3 12.5
92 116.8 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 90.476 ng
RT: 9.987 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:184 Resp: 122181
Ion Ratio Lower Upper
184 100
63 55.6 48.2 72.4
154 47.5 49.2 73.8#

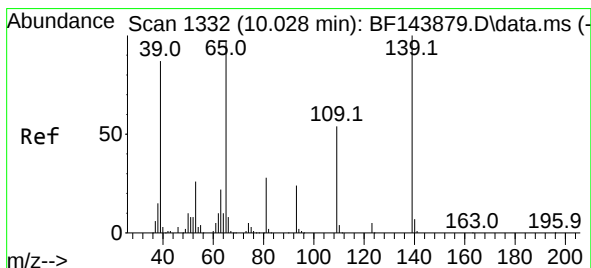
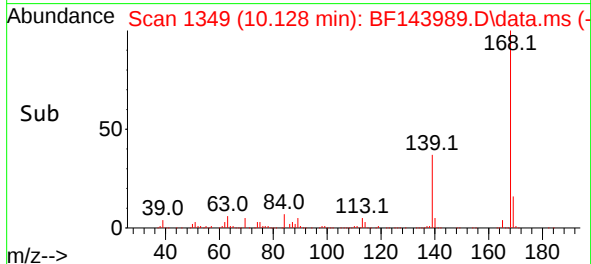
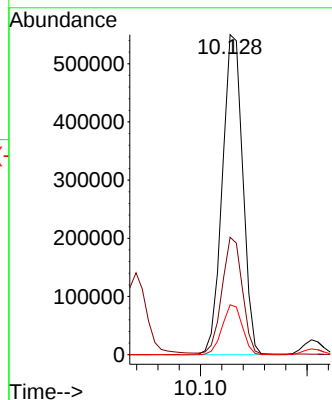
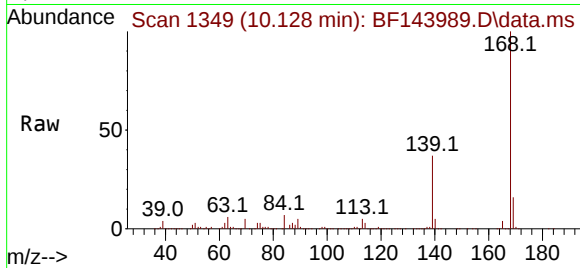




#55
Dibenzenofuran
Concen: 55.301 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

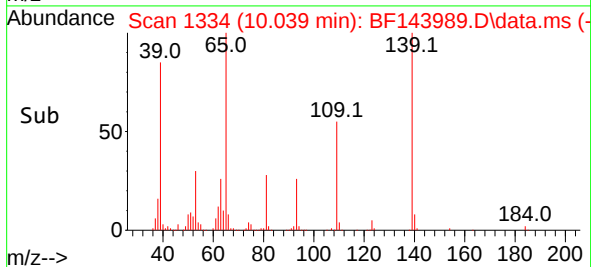
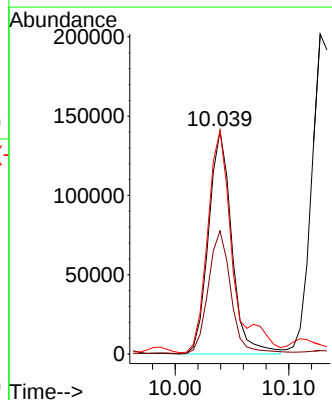
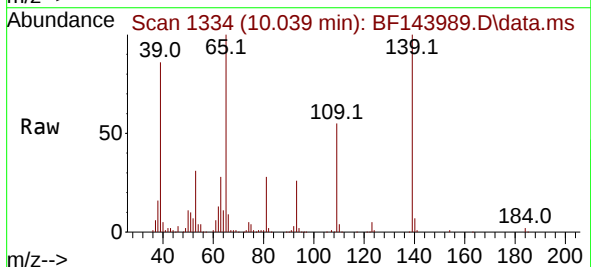
Instrument :
BNA_F
ClientSampleId :
TP-3MS

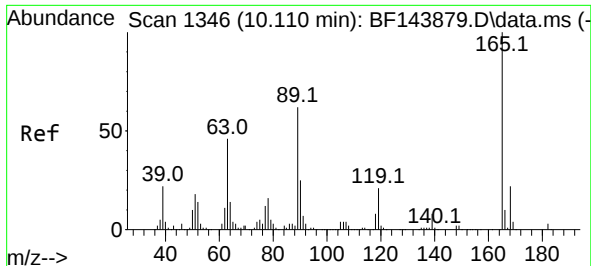
Tgt Ion:168 Resp: 730006
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.8
169 15.6 12.8 19.2



#56
4-Nitrophenol
Concen: 99.366 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:139 Resp: 199491
Ion Ratio Lower Upper
139 100
109 55.1 34.5 74.5
65 100.1 77.6 117.6

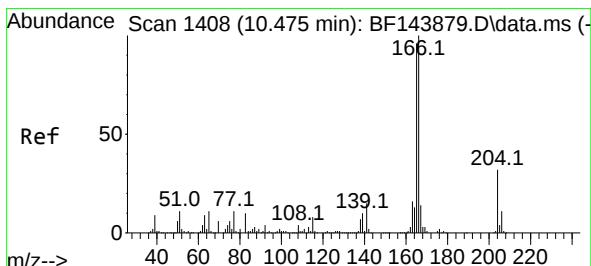
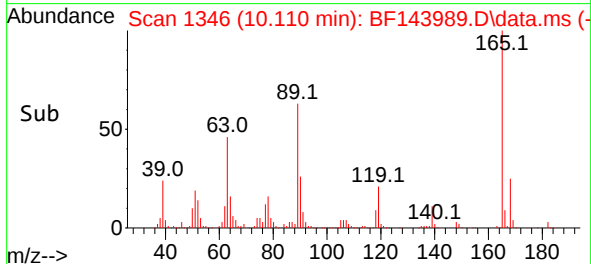
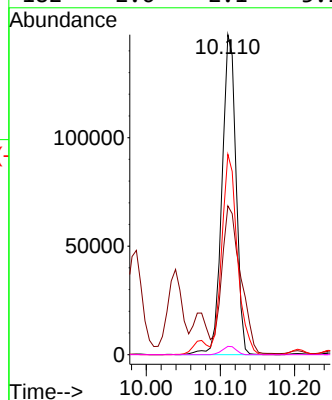
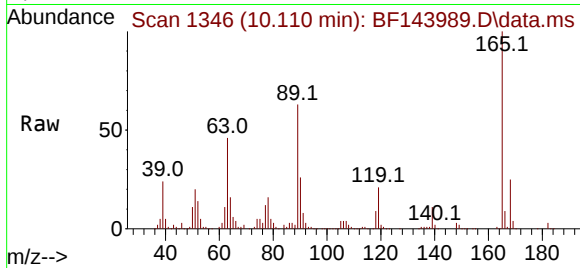




#57
2,4-Dinitrotoluene
Concen: 65.963 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

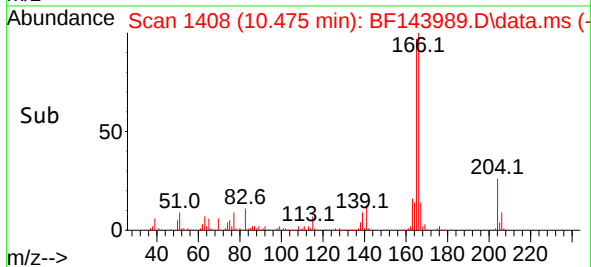
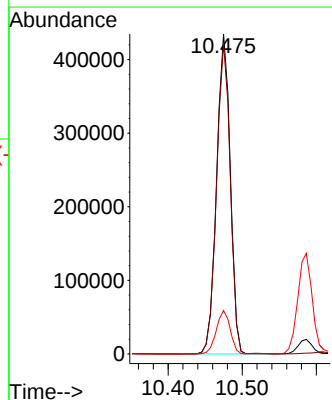
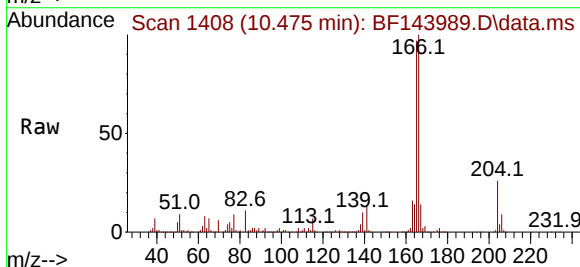
Instrument :
BNA_F
ClientSampleId :
TP-3MS

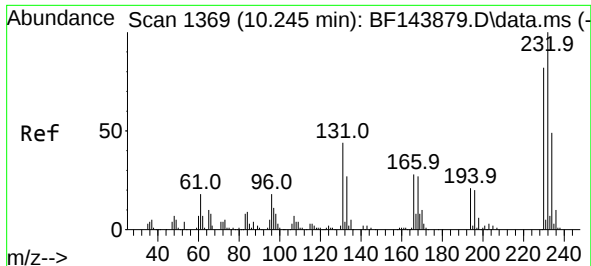
Tgt Ion:165 Resp: 194353
Ion Ratio Lower Upper
165 100
63 46.5 37.2 55.8
89 62.6 49.4 74.2
182 2.6 2.1 3.1



#58
Fluorene
Concen: 55.980 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:166 Resp: 557598
Ion Ratio Lower Upper
166 100
165 97.0 77.0 115.6
167 13.6 11.1 16.7

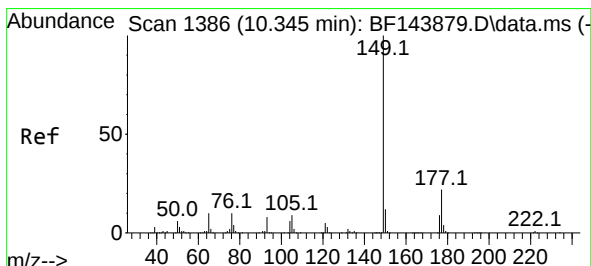
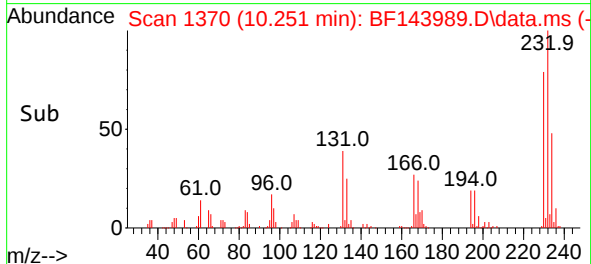
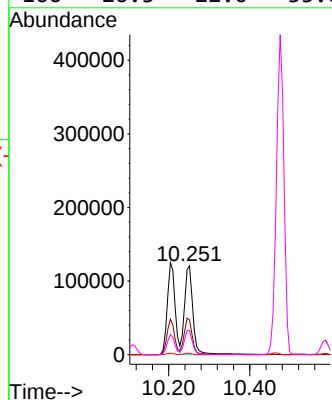
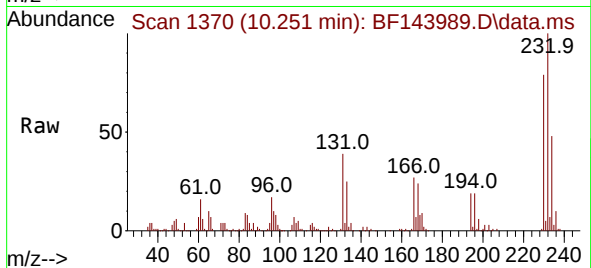




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.146 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

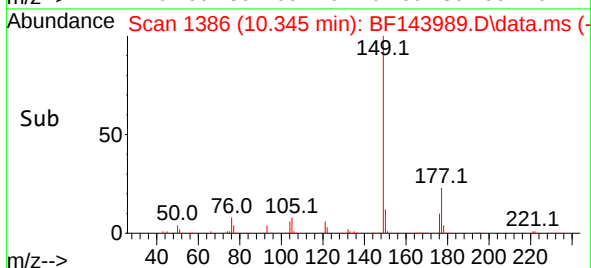
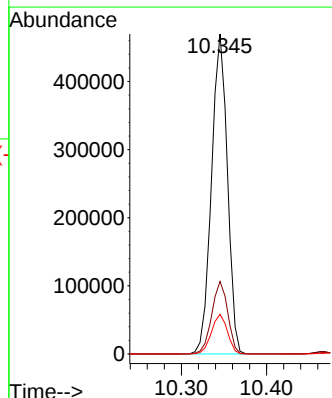
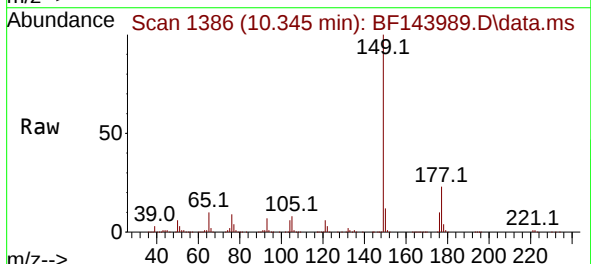
Instrument :
BNA_F
ClientSampleId :
TP-3MS

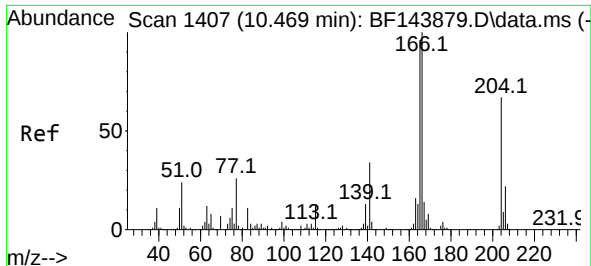
Tgt Ion:232 Resp: 172642
Ion Ratio Lower Upper
232 100
131 39.2 34.9 52.3
130 1.4 1.6 2.4#
166 26.3 22.0 33.0



#60
Diethylphthalate
Concen: 56.086 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:149 Resp: 608476
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.4 9.8 14.8

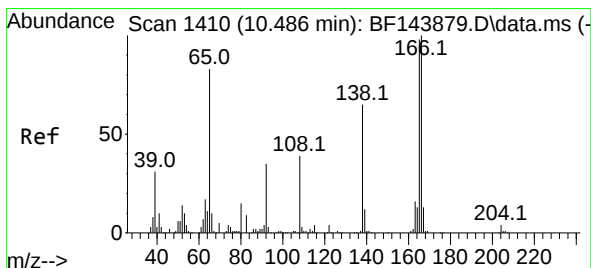
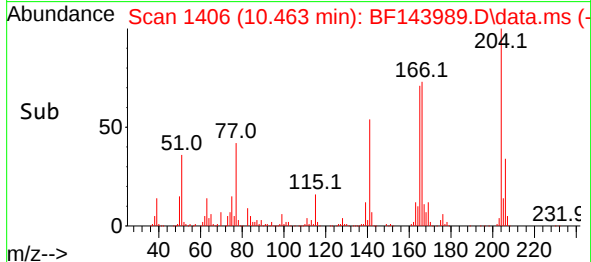
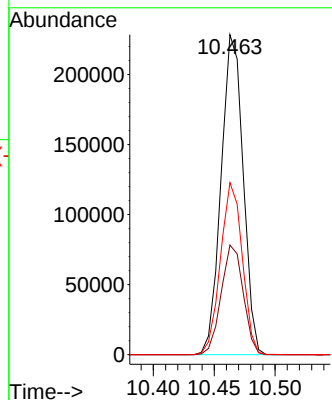
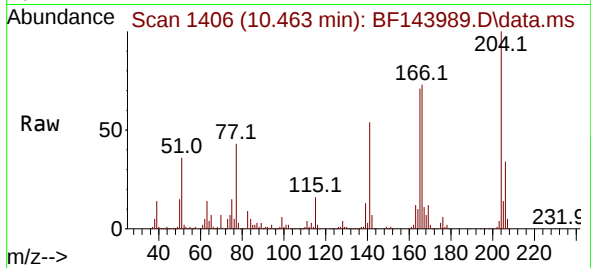




#61
4-Chlorophenyl-phenylether
Concen: 54.654 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

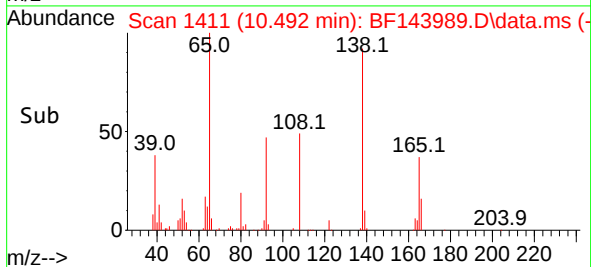
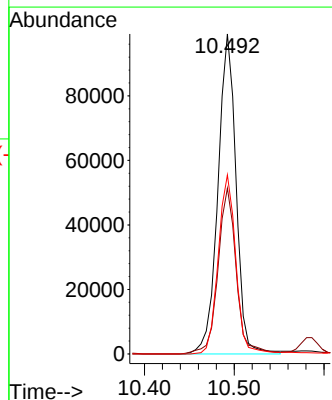
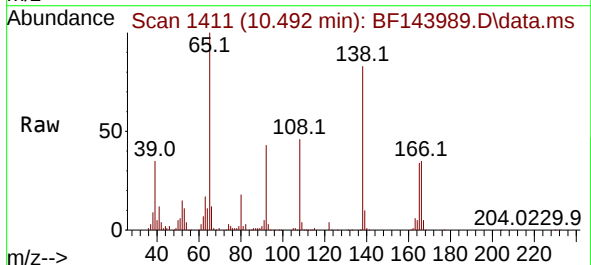
Instrument :
BNA_F
ClientSampleId :
TP-3MS

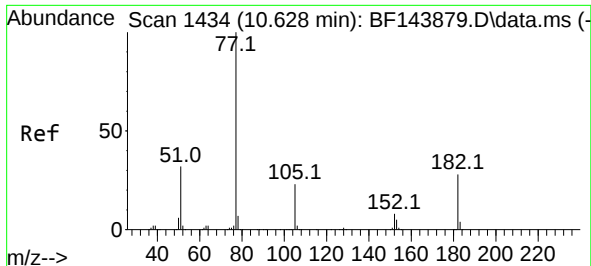
Tgt Ion:204 Resp: 287821
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 53.7 40.4 60.6



#62
4-Nitroaniline
Concen: 54.671 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:138 Resp: 139399
Ion Ratio Lower Upper
138 100
92 51.8 33.9 73.9
108 55.9 40.2 80.2

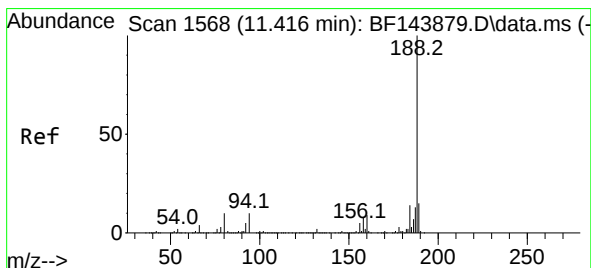
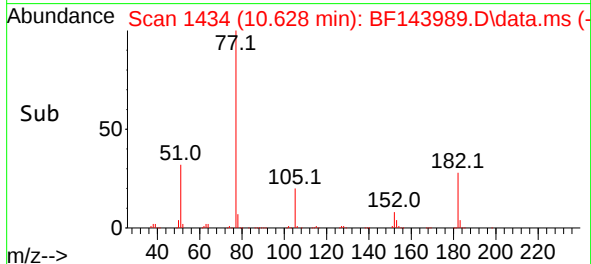
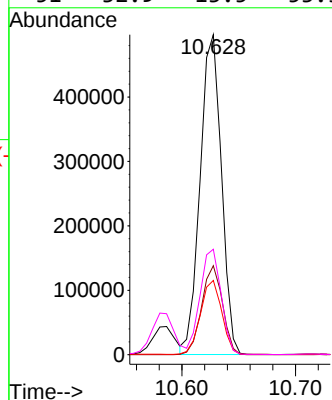
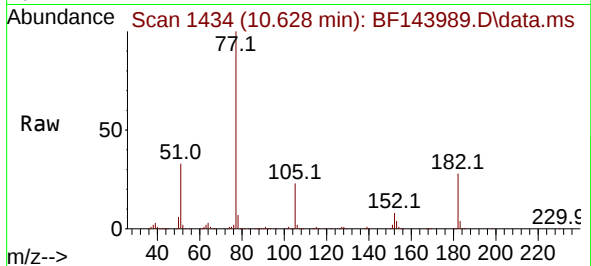




#63
Azobenzene
Concen: 57.080 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

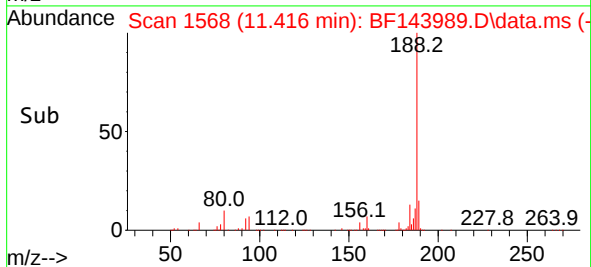
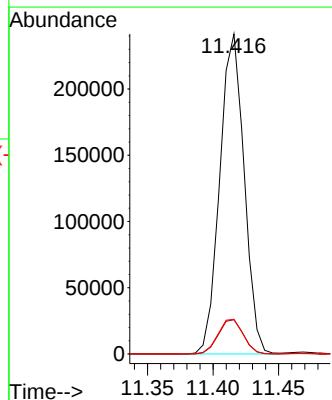
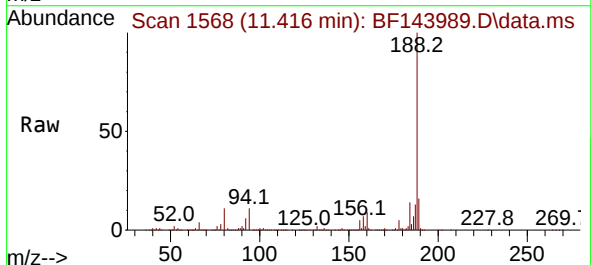
Instrument :
BNA_F
ClientSampleId :
TP-3MS

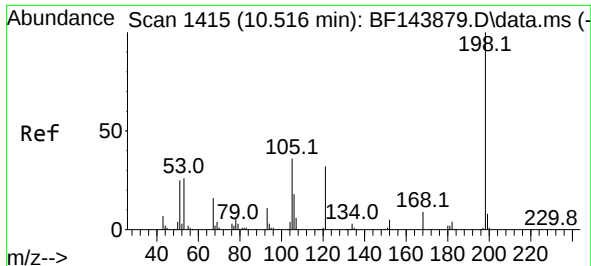
Tgt Ion:	77	Resp:	647215
Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.3	47.3
105	23.2	3.0	43.0
51	32.9	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:	188	Resp:	312055
Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	10.8	7.9	11.9

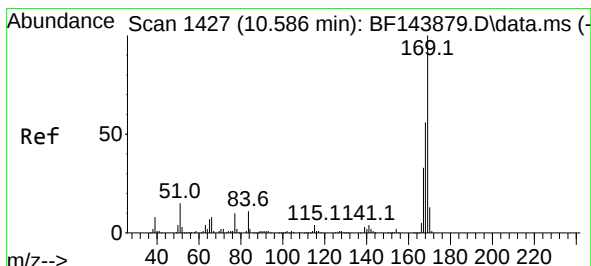
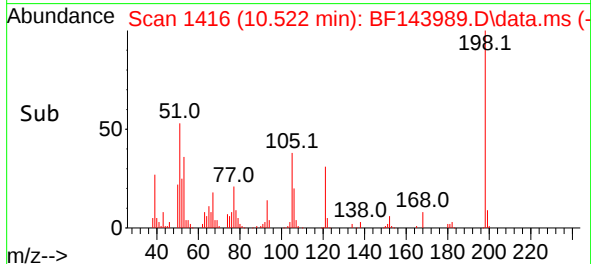
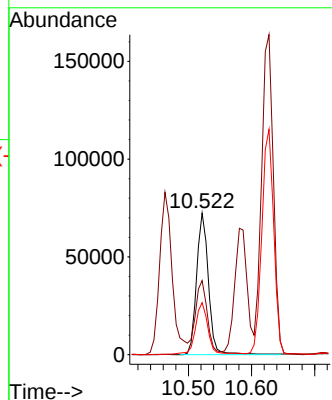
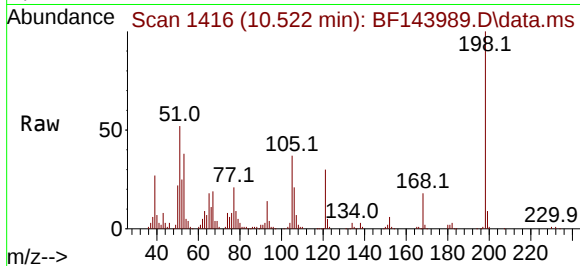




#65
4,6-Dinitro-2-methylphenol
Concen: 60.444 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

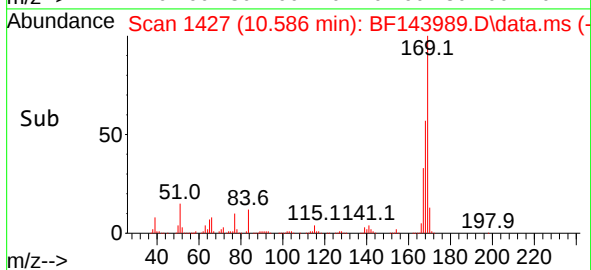
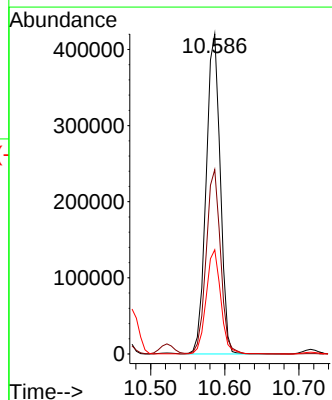
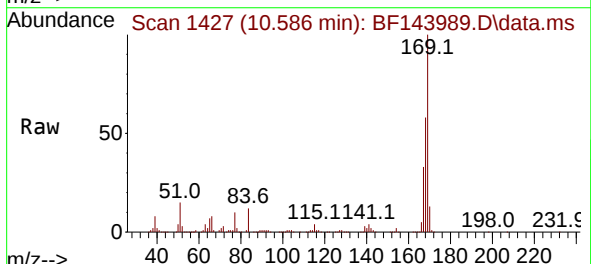
Instrument :
BNA_F
ClientSampleId :
TP-3MS

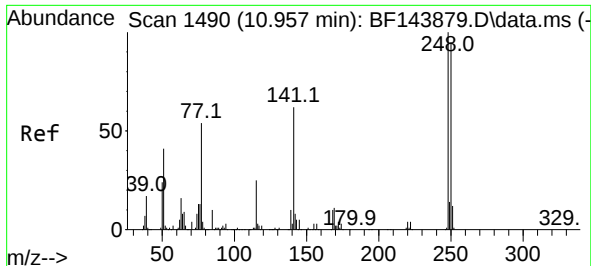
Tgt Ion:198 Resp: 94785
Ion Ratio Lower Upper
198 100
51 52.3 33.8 73.8
105 36.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 56.808 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:169 Resp: 556624
Ion Ratio Lower Upper
169 100
168 57.6 44.9 67.3
167 32.6 26.3 39.5

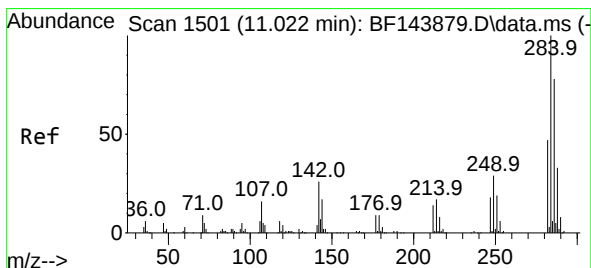
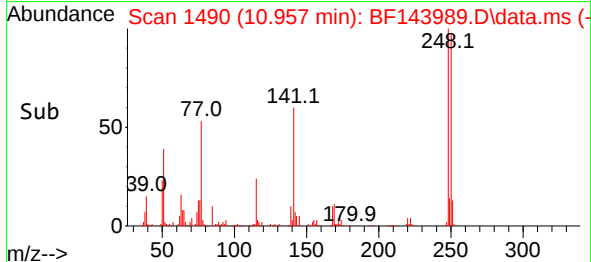
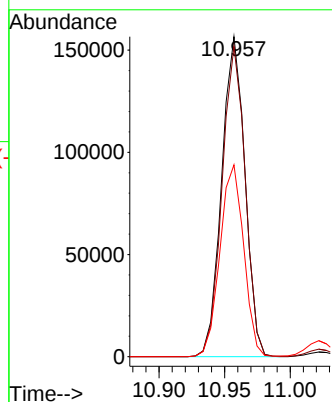
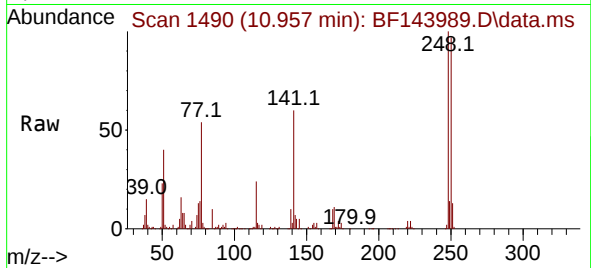




#67
4-Bromophenyl-phenylether
Concen: 55.983 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

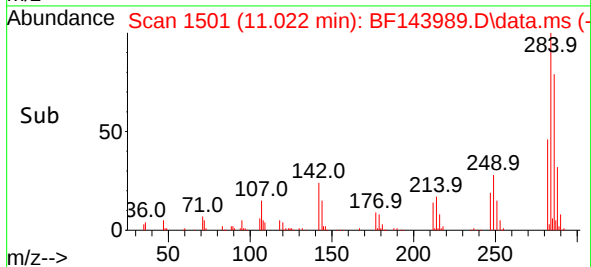
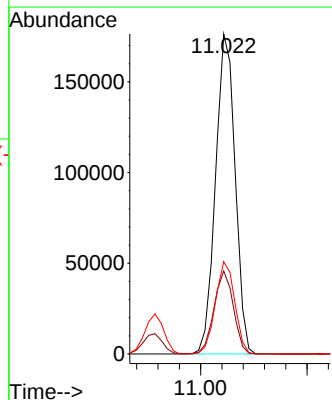
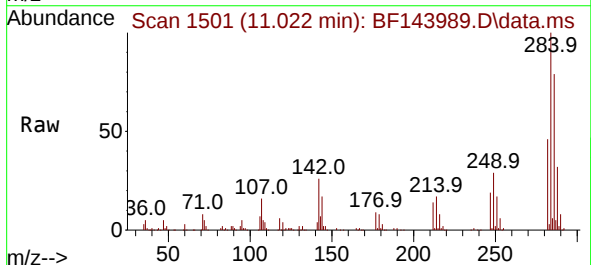
Instrument :
BNA_F
ClientSampleId :
TP-3MS

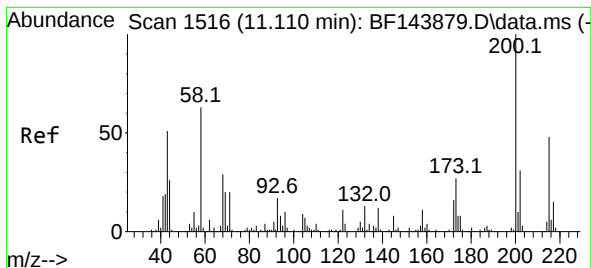
Tgt Ion:248 Resp: 193069
Ion Ratio Lower Upper
248 100
250 96.9 76.3 114.5
141 60.0 49.7 74.5



#68
Hexachlorobenzene
Concen: 56.374 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:284 Resp: 225078
Ion Ratio Lower Upper
284 100
142 26.0 20.6 30.8
249 28.8 23.2 34.8





#69

Atrazine

Concen: 61.423 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

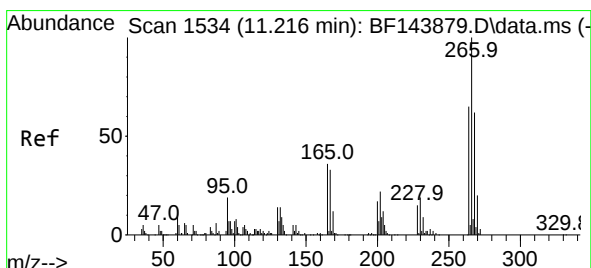
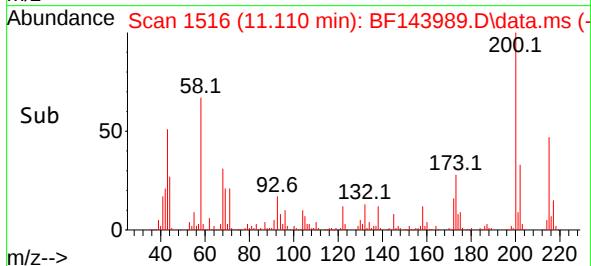
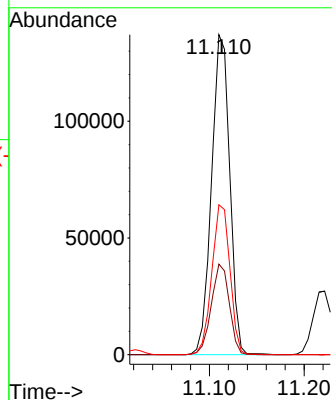
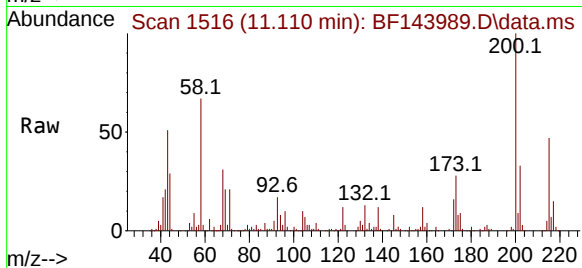
Tgt Ion:200 Resp: 182413

Ion Ratio Lower Upper

200 100

173 28.3 7.0 47.0

215 46.8 27.8 67.8



#70

Pentachlorophenol

Concen: 104.891 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

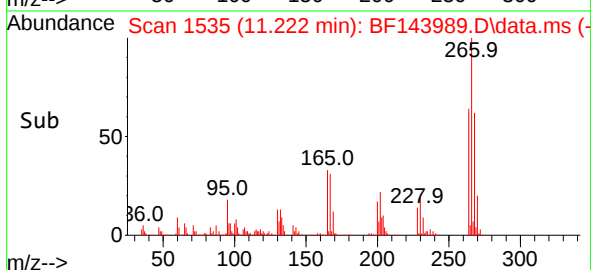
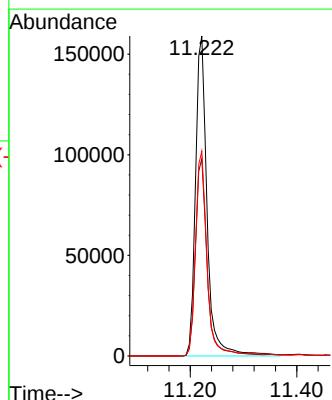
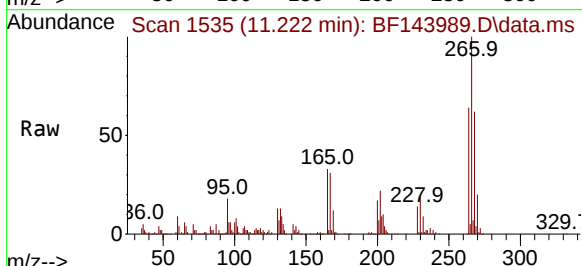
Tgt Ion:266 Resp: 240521

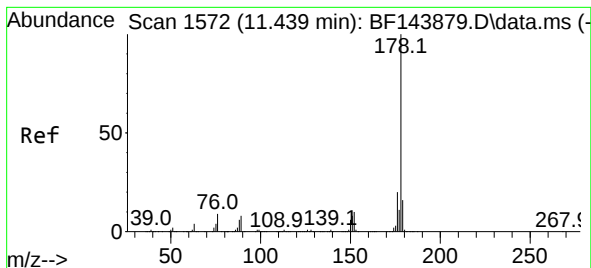
Ion Ratio Lower Upper

266 100

268 61.6 49.4 74.0

264 64.0 51.8 77.6





#71

Phenanthrene

Concen: 55.161 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

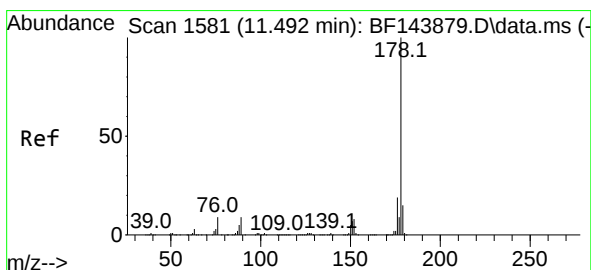
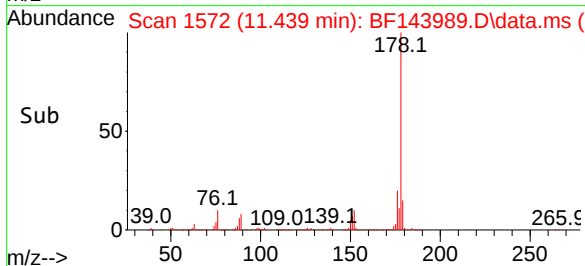
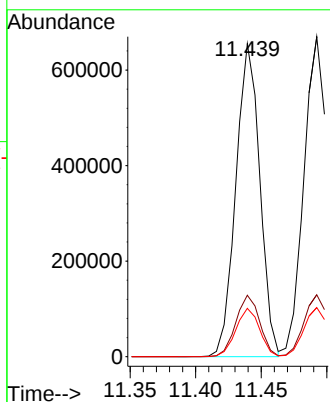
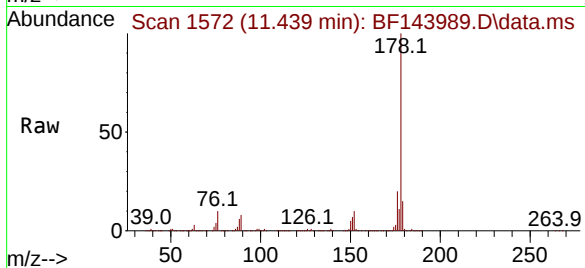
Tgt Ion:178 Resp: 834503

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 15.4 12.4 18.6



#72

Anthracene

Concen: 55.952 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

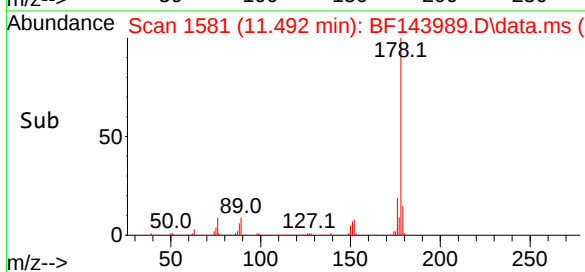
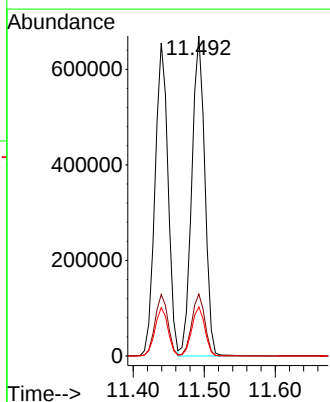
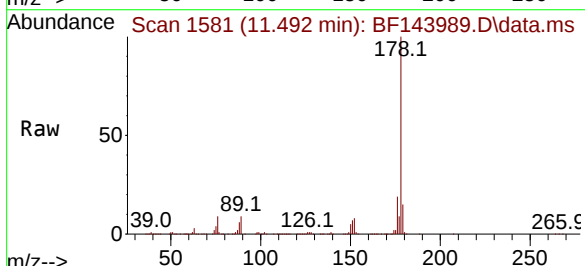
Tgt Ion:178 Resp: 855144

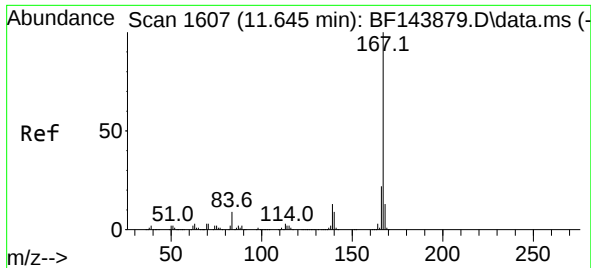
Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

179 15.4 12.2 18.2

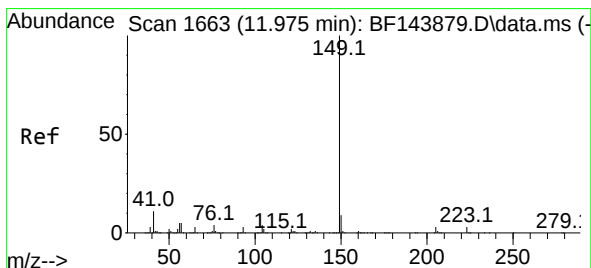
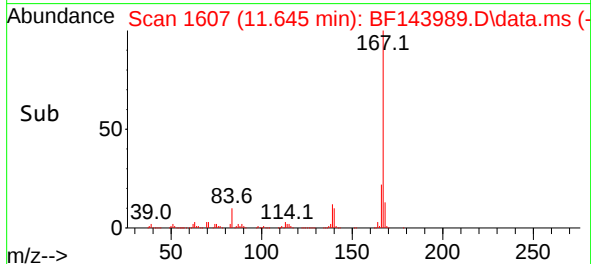
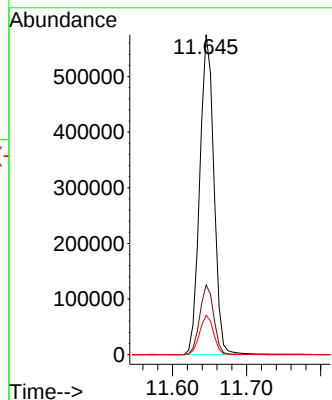
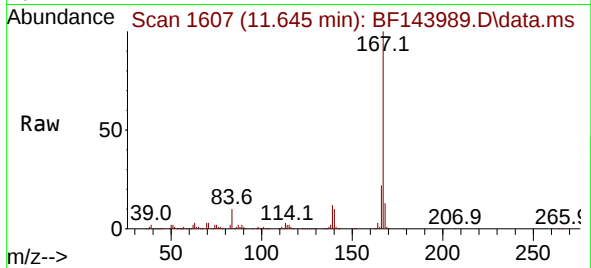




#73
 Carbazole
 Concen: 56.408 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143989.D
 Acq: 17 Oct 2025 17:16

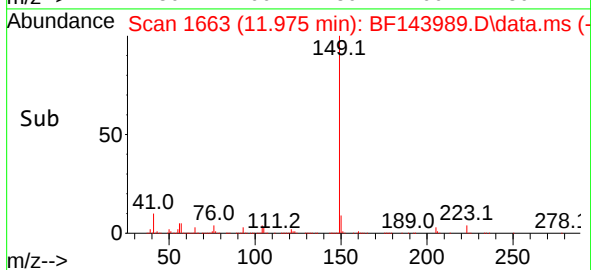
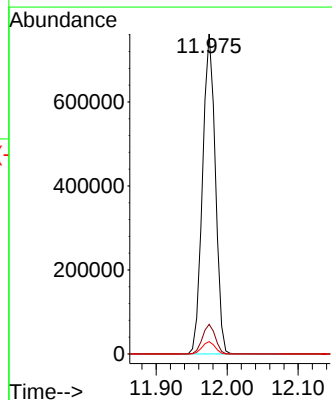
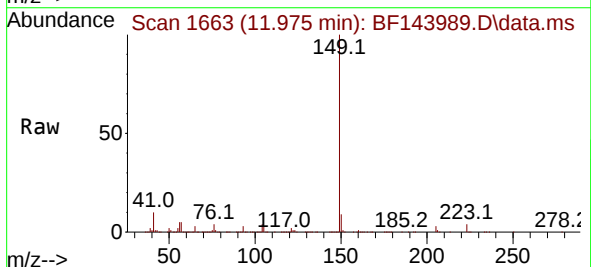
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

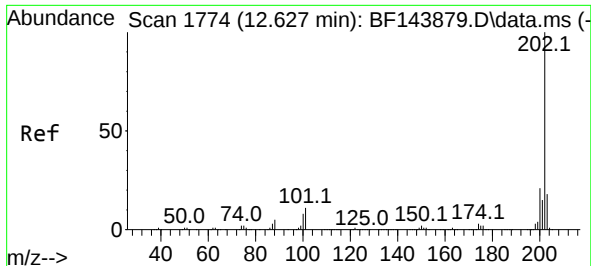
Tgt Ion:167 Resp: 763540
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 61.072 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143989.D
 Acq: 17 Oct 2025 17:16

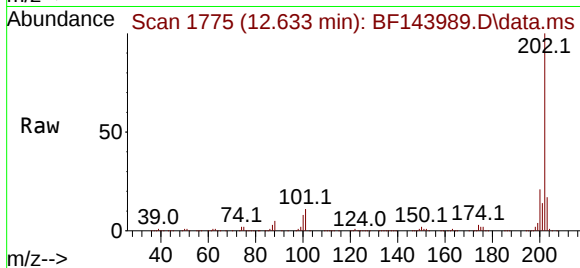
Tgt Ion:149 Resp: 958093
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 3.9 3.4 5.2



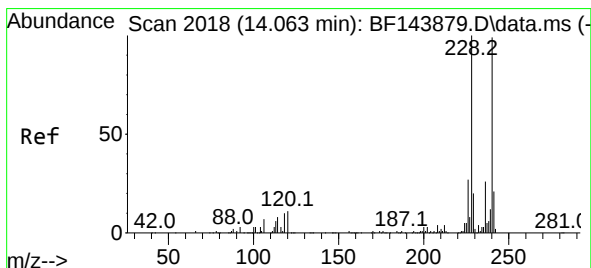
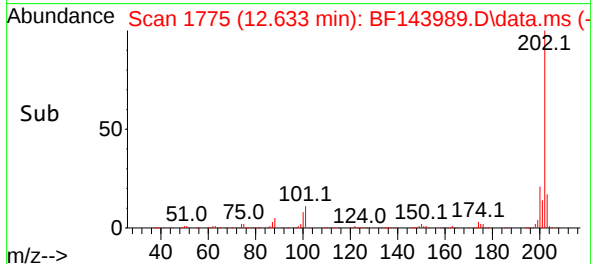
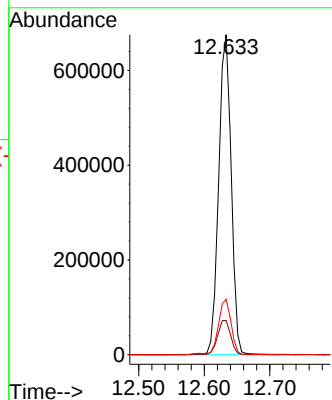


#75
Fluoranthene
Concen: 56.990 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-3MS

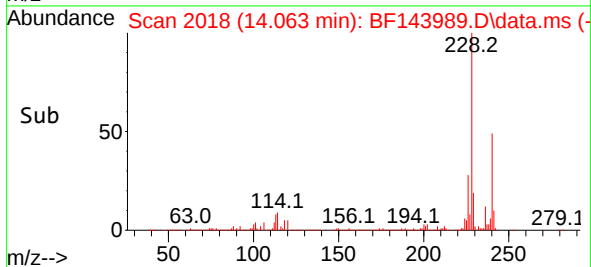
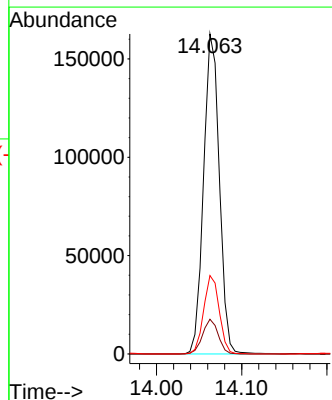
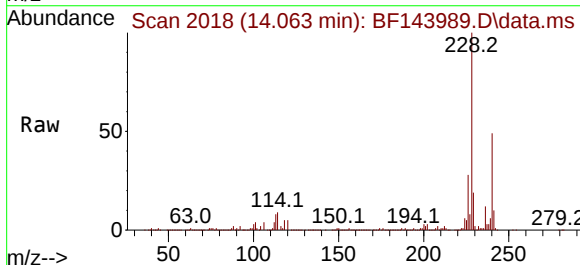


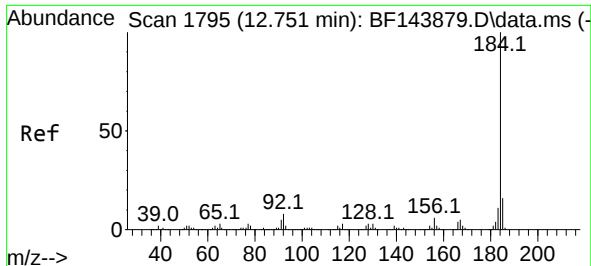
Tgt Ion:202 Resp: 890557
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:240 Resp: 209178
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 24.5 21.1 31.7

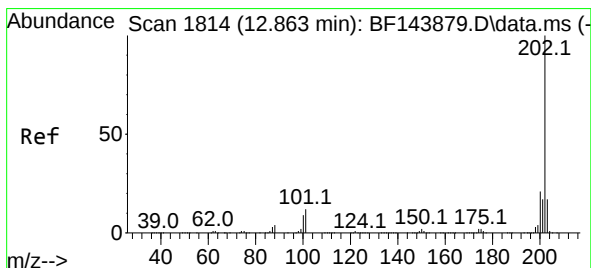
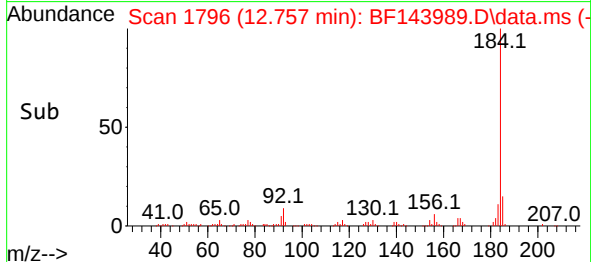
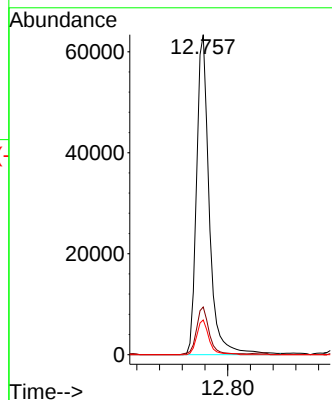
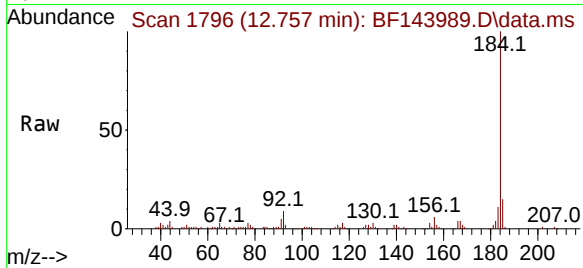




#77
Benzidine
Concen: 13.615 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

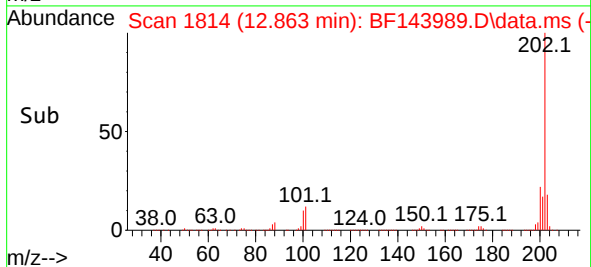
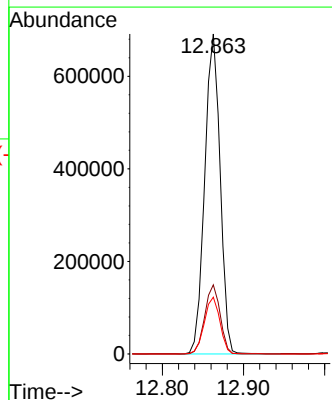
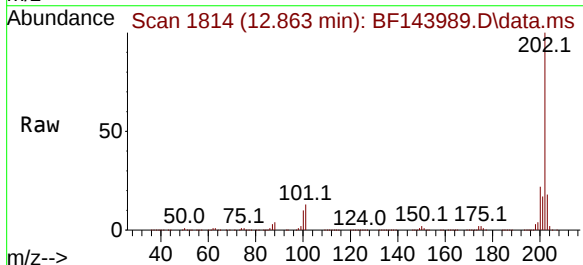
Instrument :
BNA_F
ClientSampleId :
TP-3MS

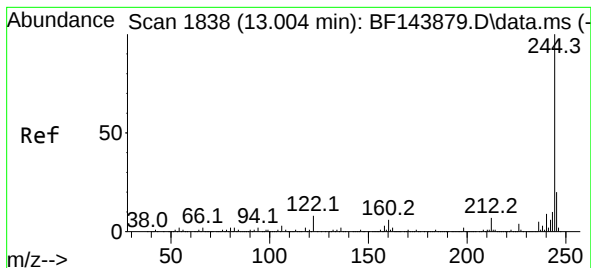
Tgt Ion:184 Resp: 98888
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 10.9 8.8 13.2



#78
Pyrene
Concen: 52.170 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:202 Resp: 909793
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 99.554 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

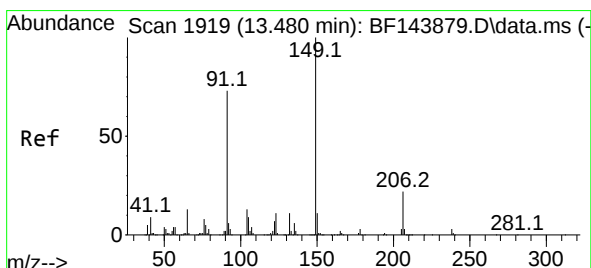
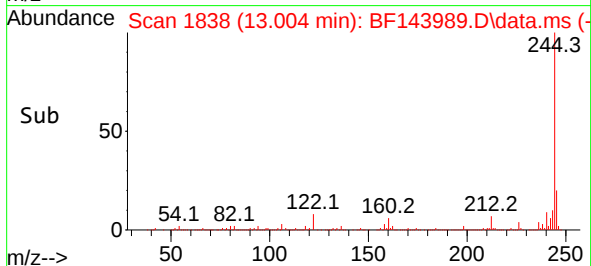
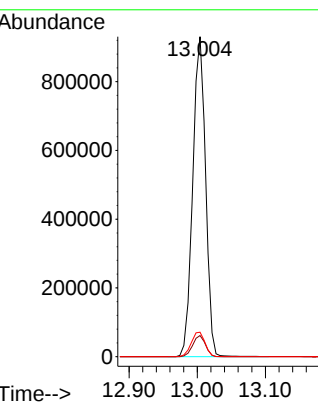
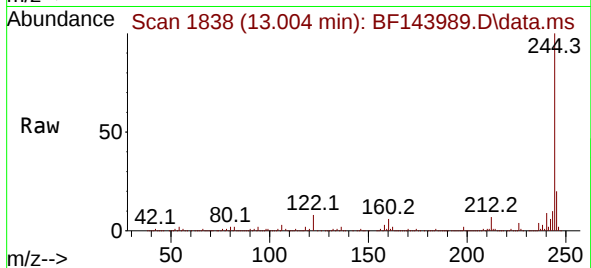
Tgt Ion:244 Resp: 1218467

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 7.7 6.4 9.6



#80

Butylbenzylphthalate

Concen: 63.948 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

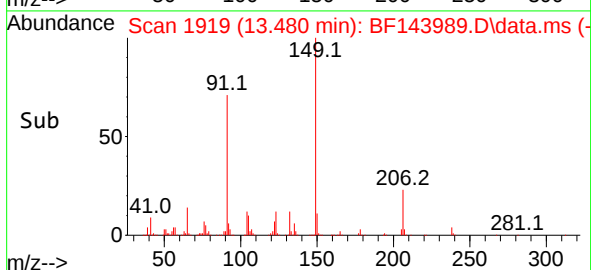
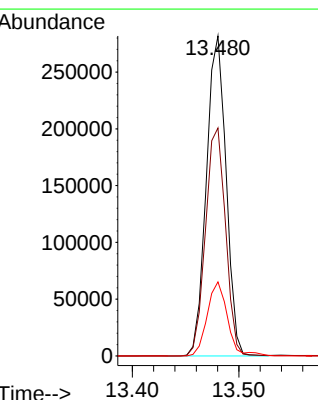
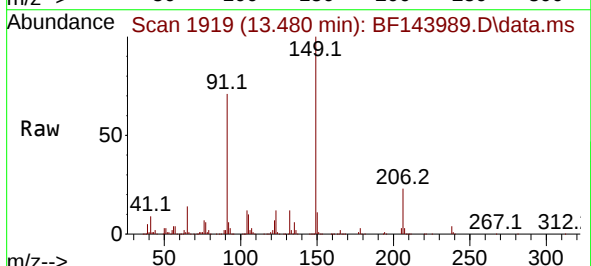
Tgt Ion:149 Resp: 362178

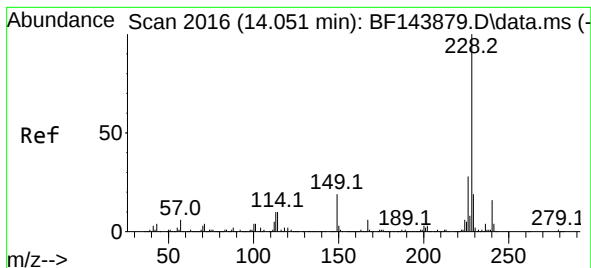
Ion Ratio Lower Upper

149 100

91 71.2 58.2 87.2

206 23.2 17.9 26.9





#81

Benzo(a)anthracene

Concen: 59.624 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

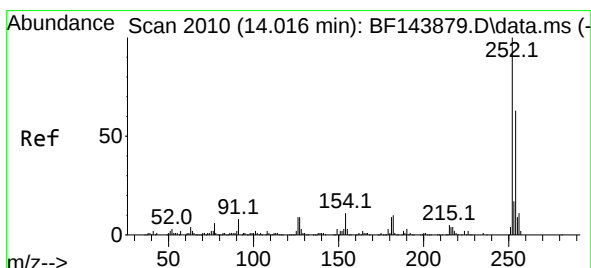
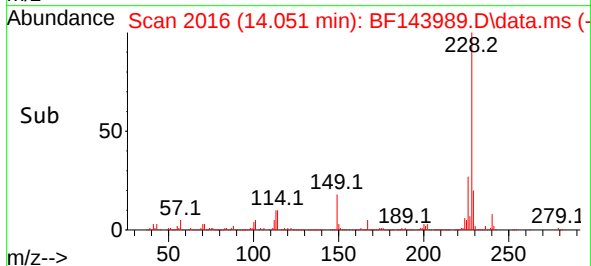
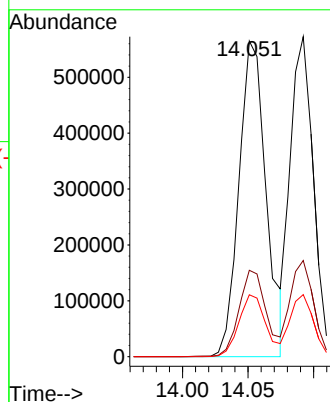
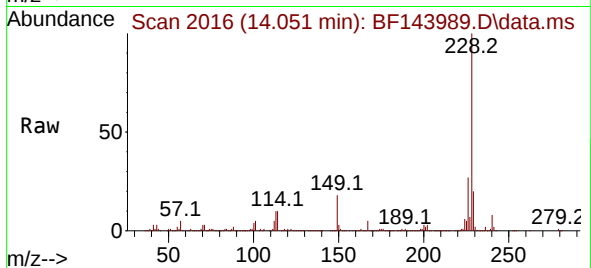
Tgt Ion:228 Resp: 816180

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 19.504 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

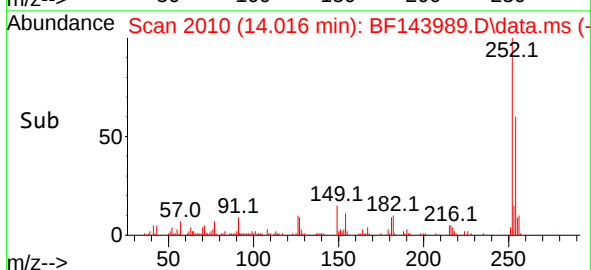
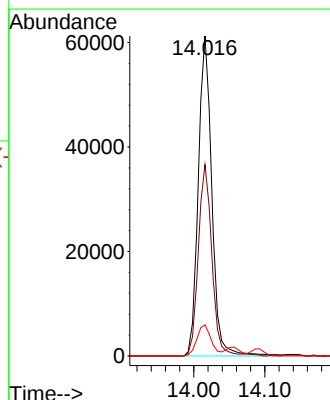
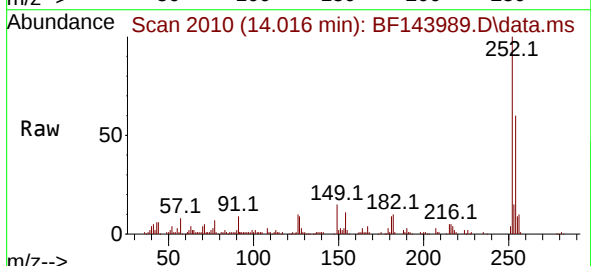
Tgt Ion:252 Resp: 81364

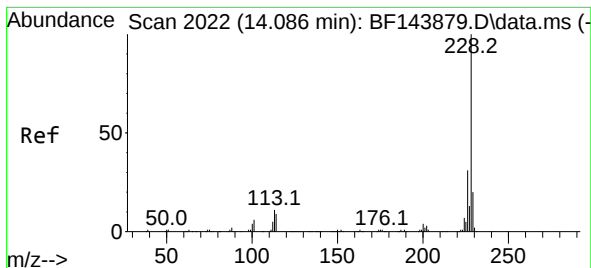
Ion Ratio Lower Upper

252 100

254 59.8 50.6 76.0

126 9.7 7.0 10.6





#83

Chrysene

Concen: 55.399 ng

RT: 14.092 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

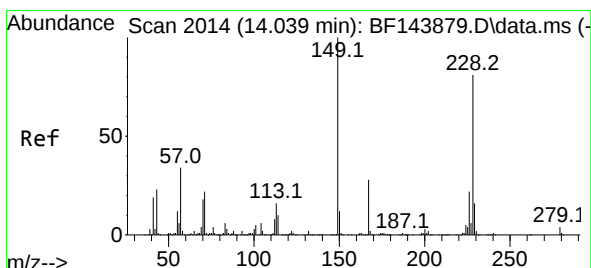
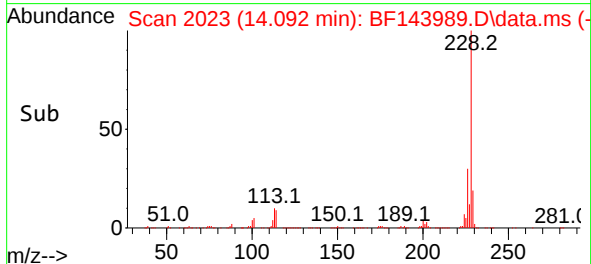
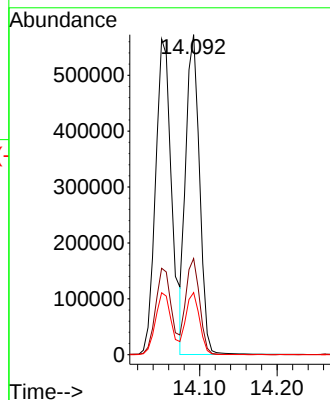
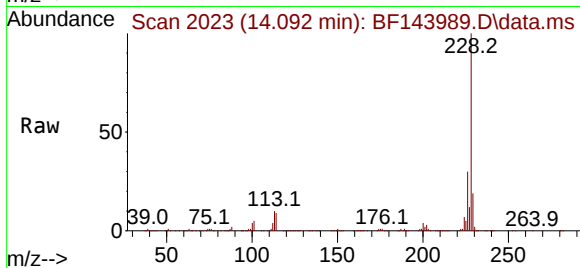
Tgt Ion:228 Resp: 701861

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.177 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

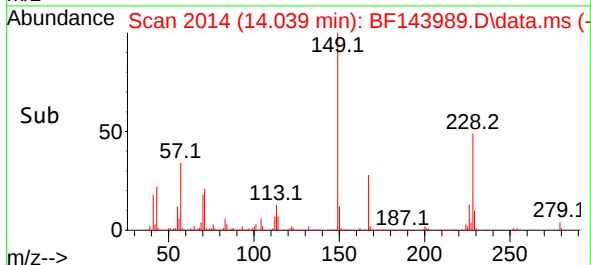
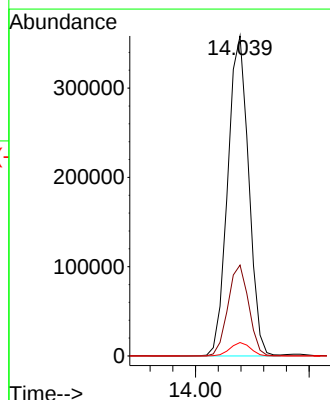
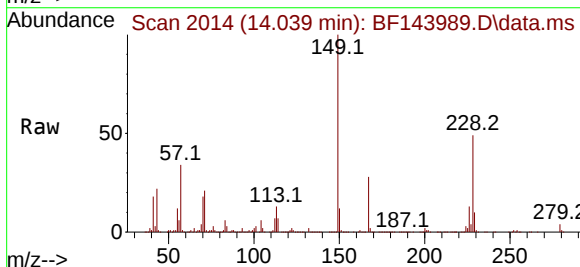
Tgt Ion:149 Resp: 458629

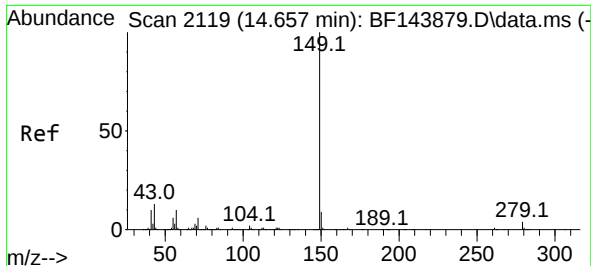
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 4.2 3.1 4.7

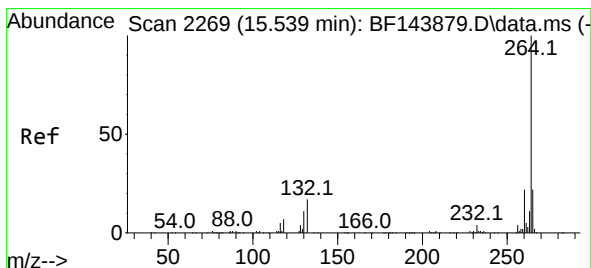
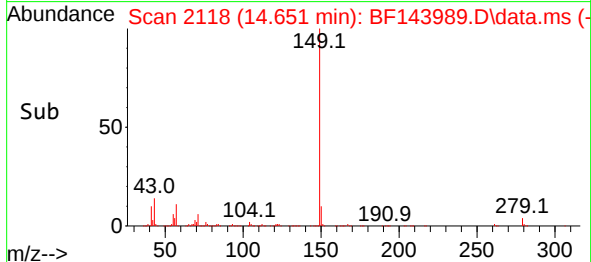
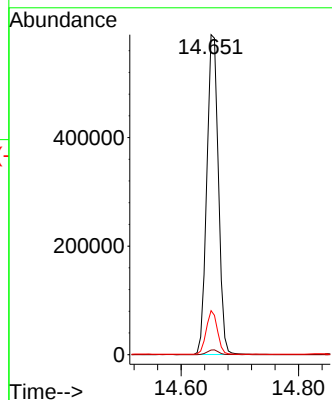
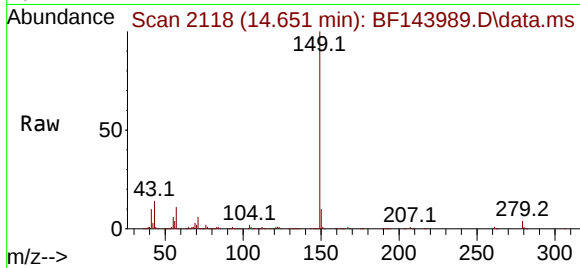




#85
Di-n-octyl phthalate
Concen: 71.817 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

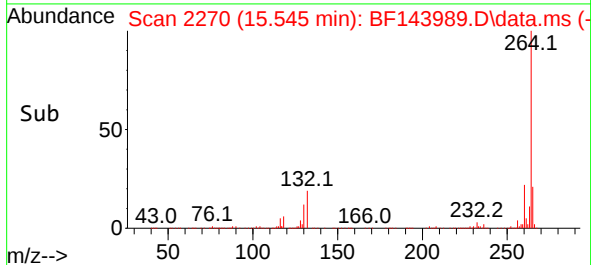
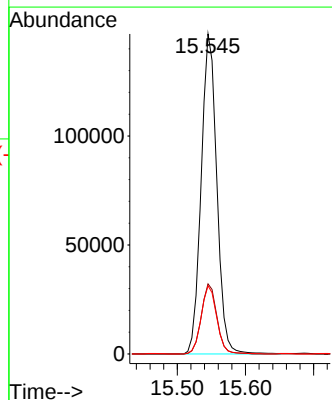
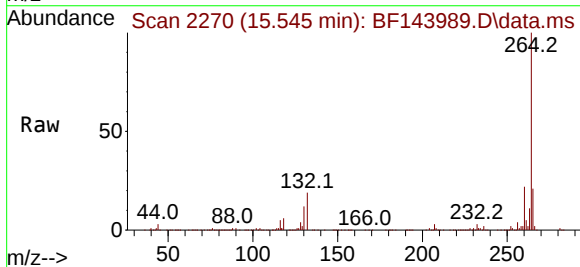
Instrument :
BNA_F
ClientSampleId :
TP-3MS

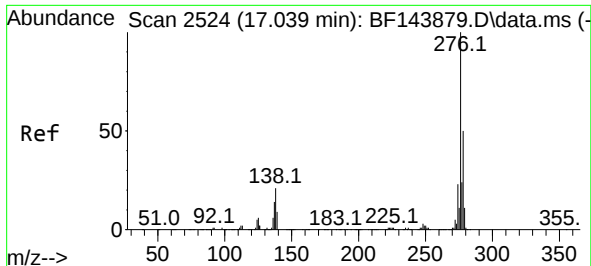
Tgt Ion:149 Resp: 805297
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.1 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:264 Resp: 234382
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 21.3 17.5 26.3

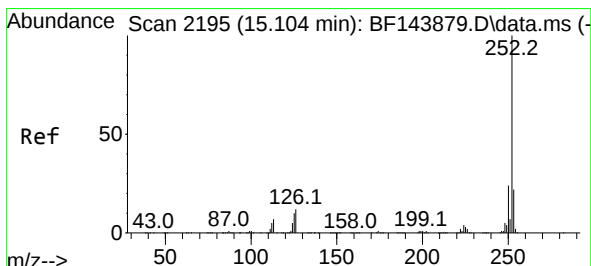
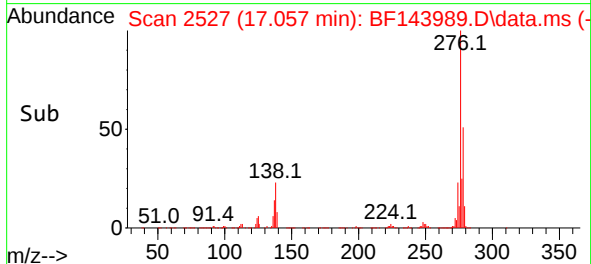
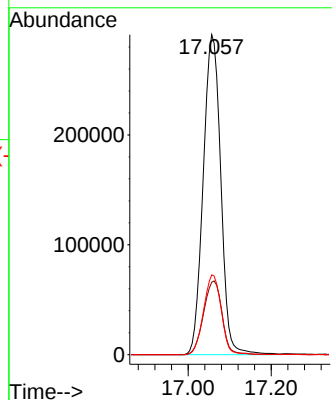
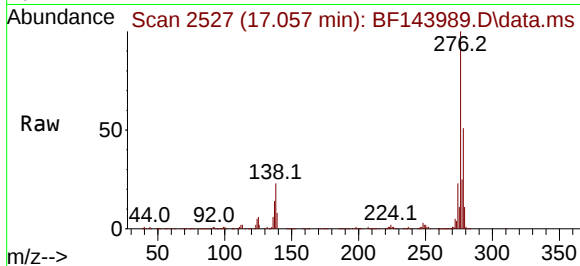




#87
Indeno(1,2,3-cd)pyrene
Concen: 59.560 ng
RT: 17.057 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

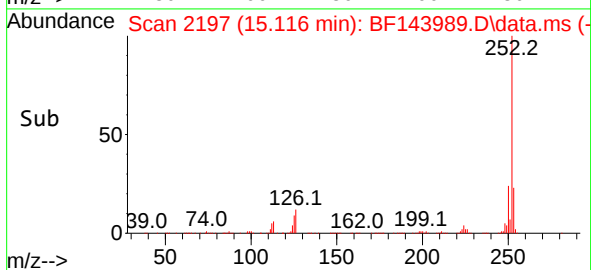
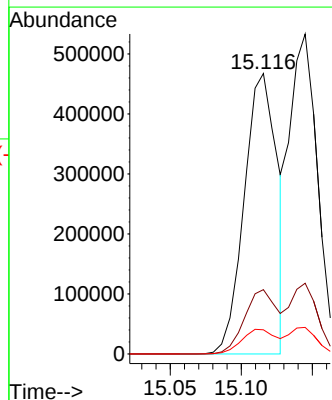
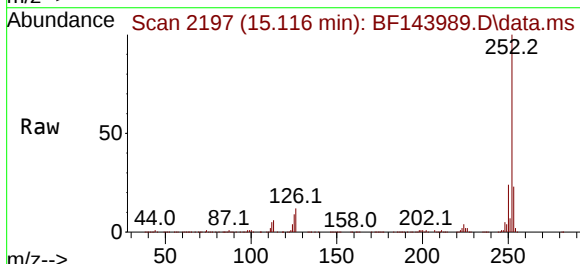
Instrument :
BNA_F
ClientSampleId :
TP-3MS

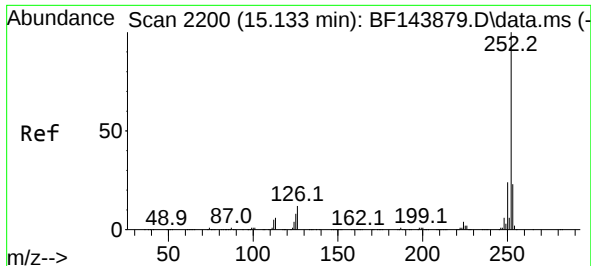
Tgt Ion:276 Resp: 855372
Ion Ratio Lower Upper
276 100
138 24.4 18.2 27.2
277 25.1 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 55.891 ng
RT: 15.116 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:252 Resp: 752500
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 8.6 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 58.731 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-3MS

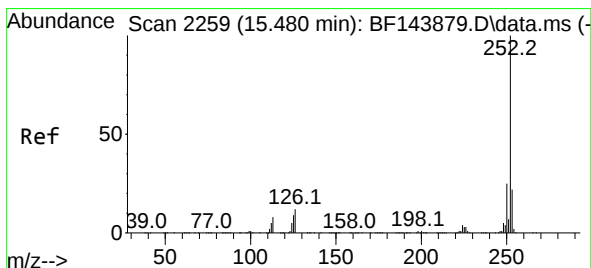
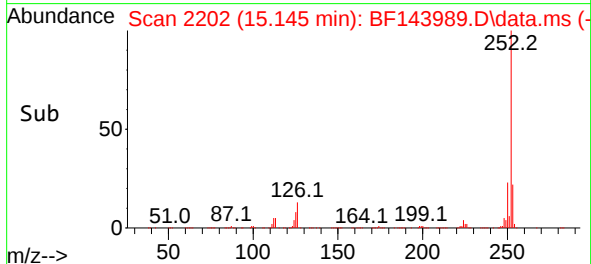
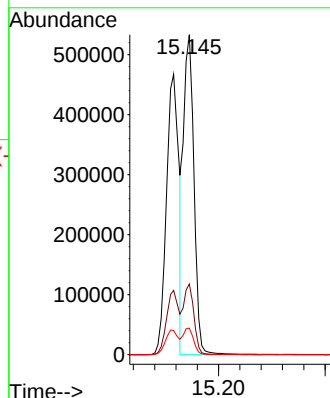
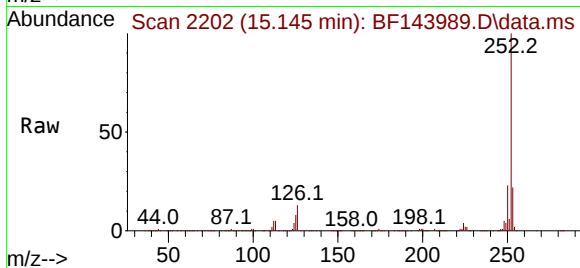
Tgt Ion:252 Resp: 731679

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 61.497 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143989.D

Acq: 17 Oct 2025 17:16

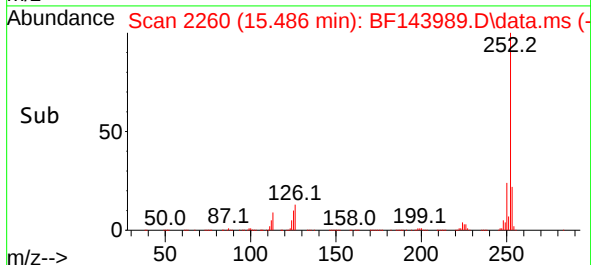
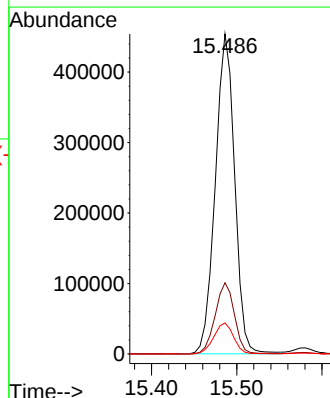
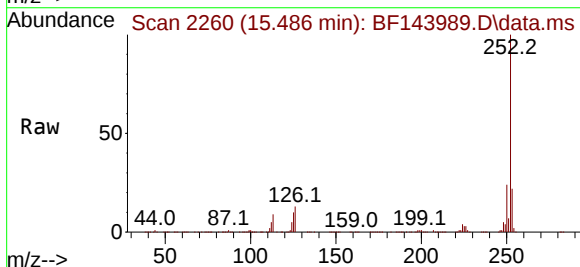
Tgt Ion:252 Resp: 717939

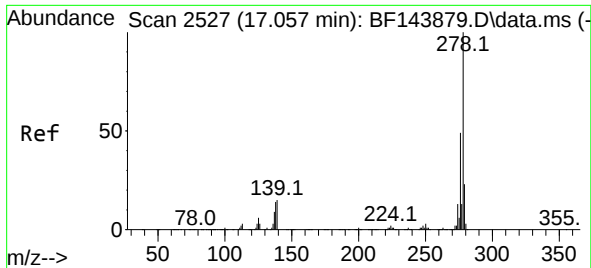
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 9.7 7.0 10.4

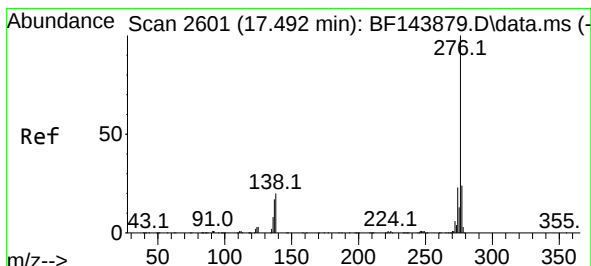
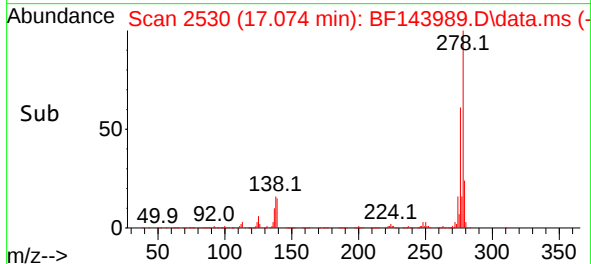
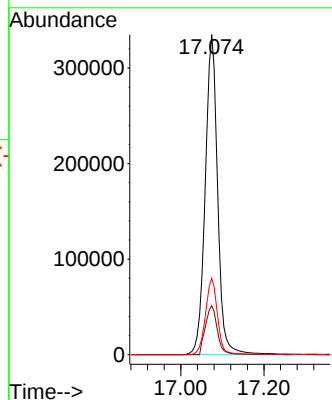
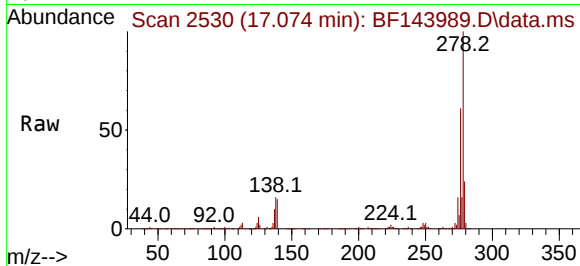




#91
Dibenzo(a,h)anthracene
Concen: 60.293 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:278 Resp: 696410
Ion Ratio Lower Upper
278 100
139 15.3 11.7 17.5
279 23.9 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 58.585 ng
RT: 17.510 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF143989.D
Acq: 17 Oct 2025 17:16

Tgt Ion:276 Resp: 676691
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 22.3 16.1 24.1

