

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143131.D
 Acq On : 17 Jul 2025 02:34
 Operator : RC/JU
 Sample : Q2571-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17MS

Quant Time: Jul 17 03:48:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	153802	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	579798	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	274749	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	404136	20.000	ng	0.00
76) Chrysene-d12	14.133	240	268901	20.000	ng	0.00
86) Perylene-d12	15.639	264	324370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	800697	82.252	ng	0.01
7) Phenol-d6	6.587	99	1041030	85.076	ng	0.00
23) Nitrobenzene-d5	7.522	82	665365	64.377	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	199903	81.600	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1113827	53.889	ng	0.00
79) Terphenyl-d14	13.069	244	773093	42.027	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.899	88	164158	33.876	ng	100
3) Pyridine	3.652	79	440739	35.918	ng	99
4) n-Nitrosodimethylamine	3.593	42	258611	40.678	ng	99
6) Aniline	6.628	93	403703	23.428	ng	99
8) 2-Chlorophenol	6.751	128	411125	42.035	ng	99
9) Benzaldehyde	6.516	77	302020	32.392	ng	98
10) Phenol	6.604	94	548921	41.438	ng	100
11) bis(2-Chloroethyl)ether	6.698	93	407895	39.775	ng	99
12) 1,3-Dichlorobenzene	6.910	146	437751	39.617	ng	99
13) 1,4-Dichlorobenzene	6.987	146	437809	39.384	ng	99
14) 1,2-Dichlorobenzene	7.140	146	422845	39.888	ng	98
15) Benzyl Alcohol	7.098	79	380836	42.003	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	753677	39.869	ng	99
17) 2-Methylphenol	7.210	107	345099	40.887	ng	99
18) Hexachloroethane	7.487	117	151457	41.852	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	302780	40.389	ng	100
20) 3+4-Methylphenols	7.363	107	424295	40.991	ng	97
22) Acetophenone	7.369	105	562591	40.253	ng	# 93
24) Nitrobenzene	7.545	77	444251	44.525	ng	98
25) Isophorone	7.781	82	835156	41.806	ng	99
26) 2-Nitrophenol	7.863	139	180511	45.496	ng	99
27) 2,4-Dimethylphenol	7.892	122	382507	41.254	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	506341	41.798	ng	99
29) 2,4-Dichlorophenol	8.098	162	321458	42.379	ng	100
30) 1,2,4-Trichlorobenzene	8.187	180	350435	40.708	ng	98
31) Naphthalene	8.269	128	1165944	40.495	ng	100
33) 4-Chloroaniline	8.310	127	147433	12.734	ng	98
34) Hexachlorobutadiene	8.392	225	217703	42.286	ng	100
35) Caprolactam	8.663	113	93345	39.408	ng	97
36) 4-Chloro-3-methylphenol	8.786	107	353459	41.831	ng	97
37) 2-Methylnaphthalene	8.963	142	697441	40.605	ng	99
38) 1-Methylnaphthalene	9.063	142	718769	40.346	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	337867	42.197	ng	99
41) Hexachlorocyclopentadiene	9.122	237	308813	69.565	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	208024	41.813	ng	99
44) 2,4,5-Trichlorophenol	9.275	196	224311	42.999	ng	98

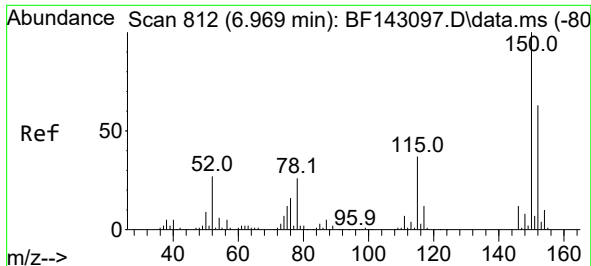
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.422	154	918974	41.942	ng	100
47) 2-Chloronaphthalene	9.451	162	671890	41.742	ng	100
48) 2-Nitroaniline	9.534	65	214232	44.804	ng	99
49) Acenaphthylene	9.869	152	1110952	41.420	ng	100
50) Dimethylphthalate	9.722	163	758469	43.880	ng	99
51) 2,6-Dinitrotoluene	9.781	165	155746	45.740	ng	89
52) Acenaphthene	10.039	154	622567	39.334	ng	98
53) 3-Nitroaniline	9.945	138	128666	34.449	ng	95
54) 2,4-Dinitrophenol	10.045	184	3818	8.800	ng	# 1
55) Dibenzofuran	10.210	168	954263	40.449	ng	100
56) 4-Nitrophenol	10.092	139	205928	69.375	ng	98
57) 2,4-Dinitrotoluene	10.181	165	190989	45.006	ng	98
58) Fluorene	10.551	166	698855	39.512	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	125120	30.182	ng	99
60) Diethylphthalate	10.422	149	726438	43.562	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	346653	40.891	ng	100
62) 4-Nitroaniline	10.557	138	138893	42.763	ng	99
63) Azobenzene	10.704	77	822670	44.607	ng	95
65) 4,6-Dinitro-2-methylph...	10.586	198	5912	9.550	ng	91
66) n-Nitrosodiphenylamine	10.657	169	629474	44.342	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	203399	44.257	ng	99
68) Hexachlorobenzene	11.104	284	207516	42.555	ng	98
69) Atrazine	11.180	200	174175	47.957	ng	99
70) Pentachlorophenol	11.292	266	63118	23.592	ng	99
71) Phenanthrene	11.516	178	883304	40.499	ng	99
72) Anthracene	11.569	178	901465	41.101	ng	100
73) Carbazole	11.716	167	801614	40.796	ng	100
74) Di-n-butylphthalate	12.051	149	888295	49.250	ng	100
75) Fluoranthene	12.704	202	811244	40.906	ng	99
77) Benzidine	12.816	184	199220	21.746	ng	99
78) Pyrene	12.933	202	818482	32.805	ng	100
80) Butylbenzylphthalate	13.545	149	236112	47.168	ng	96
81) Benzo(a)anthracene	14.121	228	767144	42.813	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	127120	24.430	ng	100
83) Chrysene	14.157	228	687824	41.678	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	363289	48.051	ng	99
85) Di-n-octyl phthalate	14.727	149	705195	49.122	ng	97
87) Indeno(1,2,3-cd)pyrene	17.180	276	837824	34.728	ng	99
88) Benzo(b)fluoranthene	15.192	252	883083	47.198	ng	99
89) Benzo(k)fluoranthene	15.221	252	697281	39.064	ng	100
90) Benzo(a)pyrene	15.574	252	780700	44.118	ng	100
91) Dibenzo(a,h)anthracene	17.198	278	676587	34.307	ng	99
92) Benzo(g,h,i)perylene	17.645	276	646206	32.139	ng	99

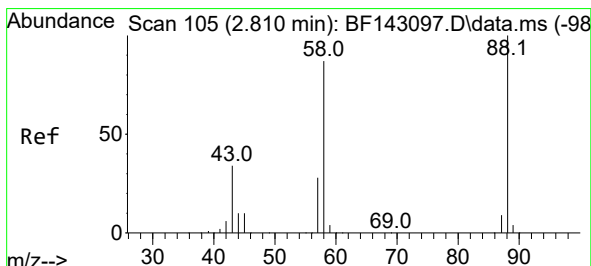
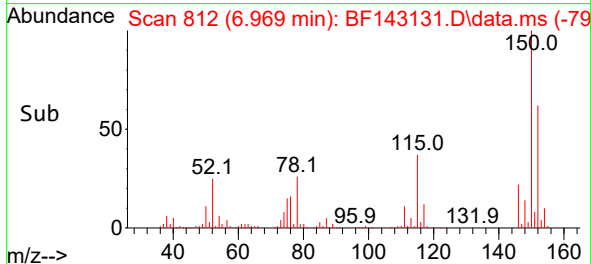
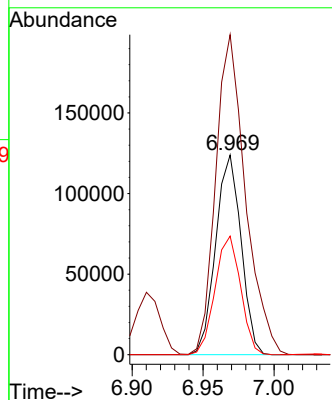
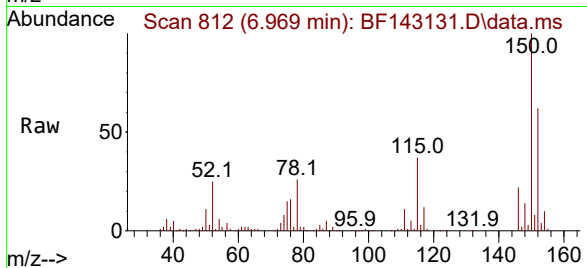
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143131.D
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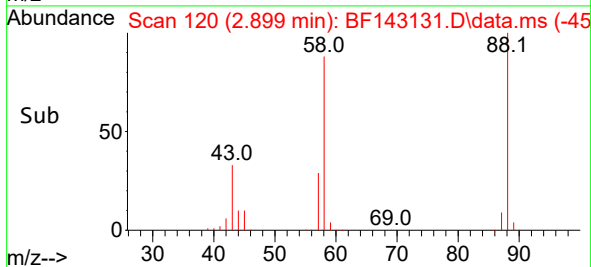
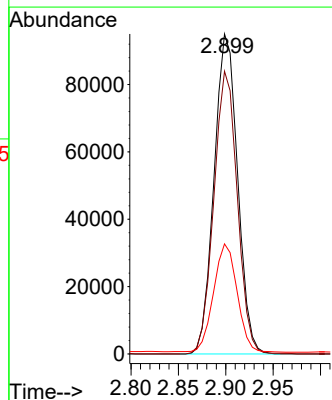
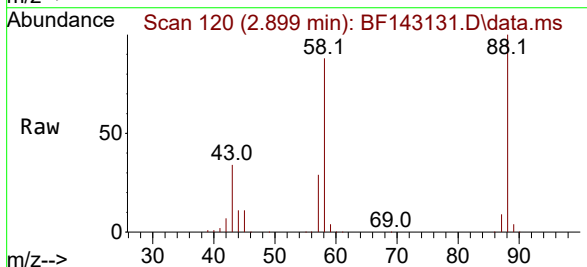
Instrument :
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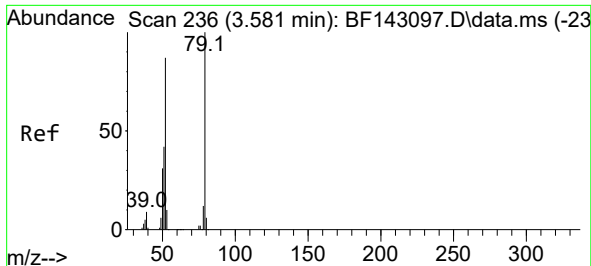
Tgt Ion:152 Resp: 153802
Ion Ratio Lower Upper
152 100
150 160.2 126.5 189.7
115 59.4 47.0 70.6



#2
1,4-Dioxane
Concen: 33.876 ng
RT: 2.899 min Scan# 120
Delta R.T. 0.088 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion: 88 Resp: 164158
Ion Ratio Lower Upper
88 100
58 88.3 70.5 105.7
43 34.2 27.3 40.9

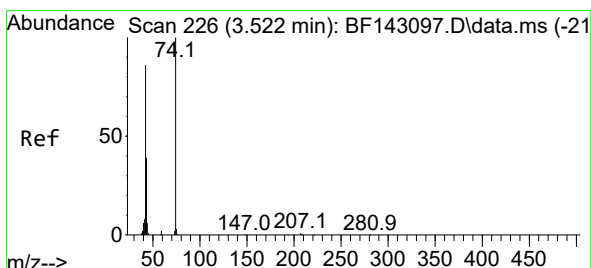
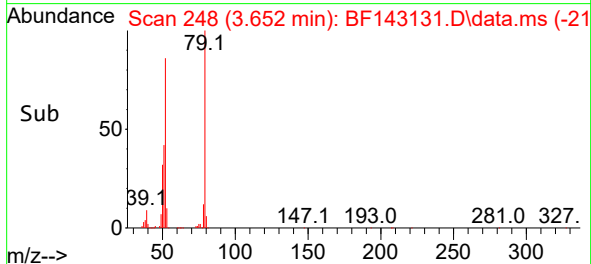
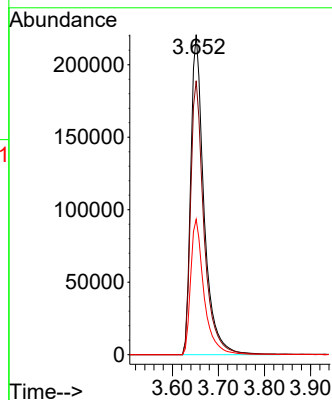
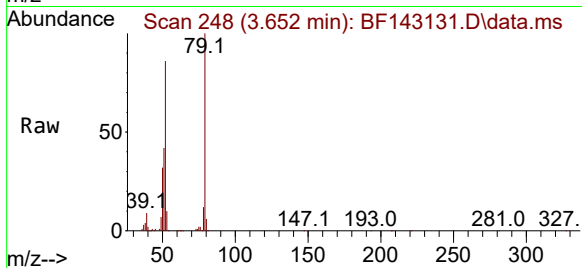




#3
Pyridine
Concen: 35.918 ng
RT: 3.652 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

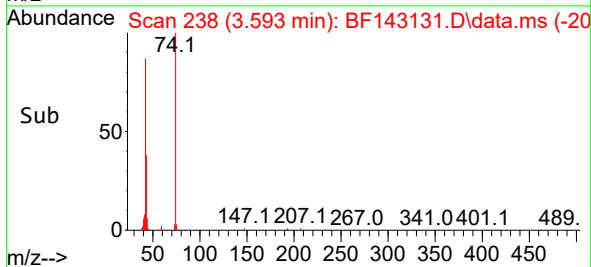
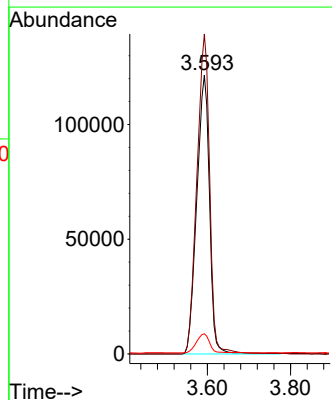
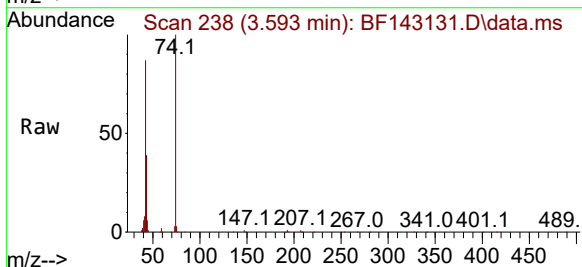
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ClientSampleId :
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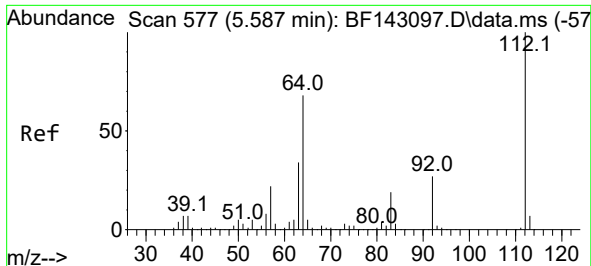
Tgt Ion: 79 Resp: 440739
Ion Ratio Lower Upper
79 100
52 85.6 69.2 103.8
51 42.3 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 40.678 ng
RT: 3.593 min Scan# 238
Delta R.T. 0.071 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion: 42 Resp: 258611
Ion Ratio Lower Upper
42 100
74 114.7 92.8 139.2
44 7.2 5.8 8.6

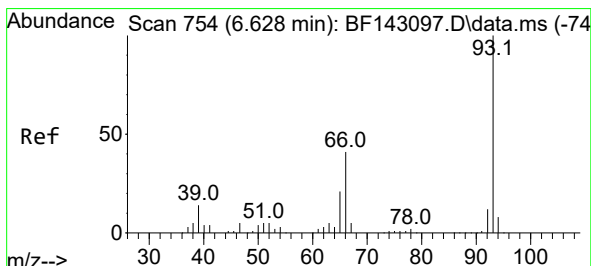
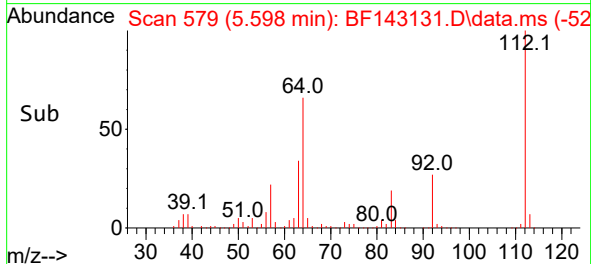
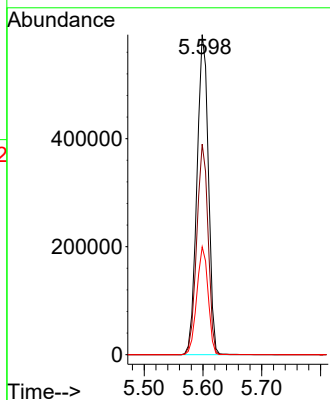
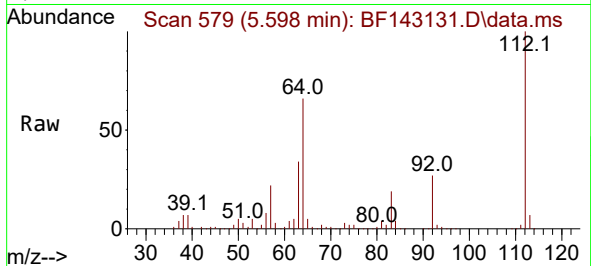




#5
2-Fluorophenol
Concen: 82.252 ng
RT: 5.598 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

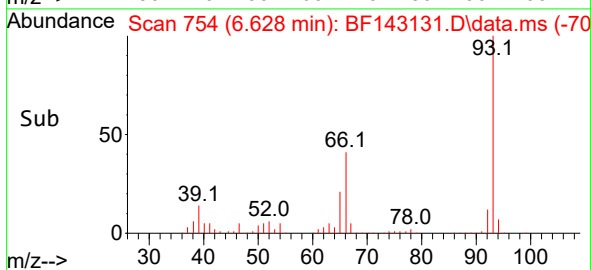
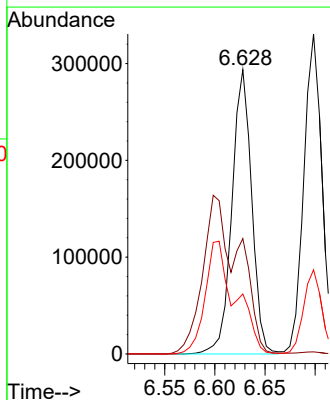
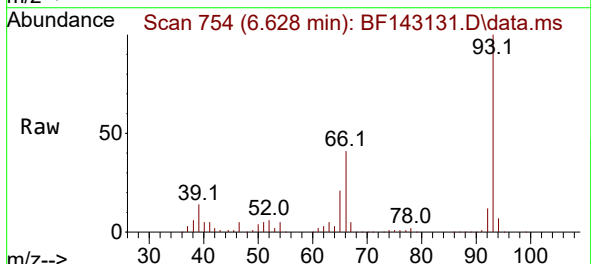
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ClientSampleId :
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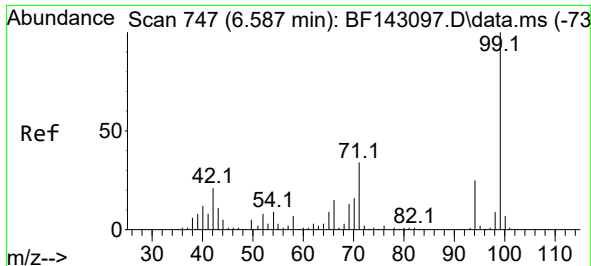
Tgt Ion:112 Resp: 800697
Ion Ratio Lower Upper
112 100
64 65.8 54.6 82.0
63 33.7 27.3 40.9



#6
Aniline
Concen: 23.428 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion: 93 Resp: 403703
Ion Ratio Lower Upper
93 100
66 40.6 33.1 49.7
65 21.1 16.9 25.3

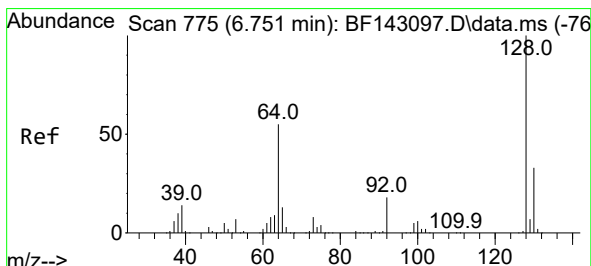
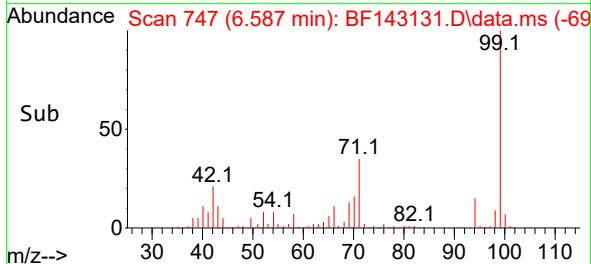
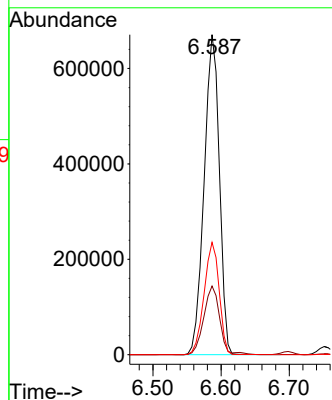
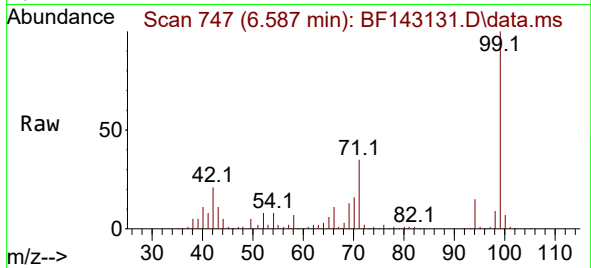




#7
Phenol-d6
Concen: 85.076 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

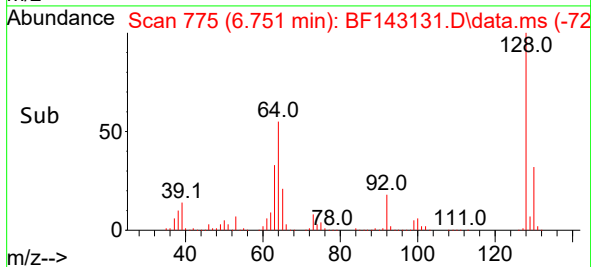
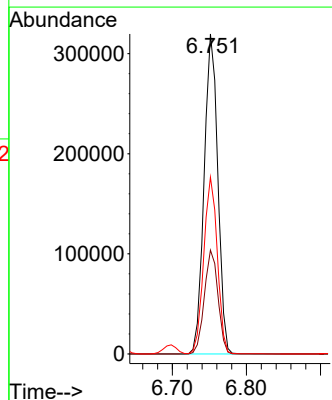
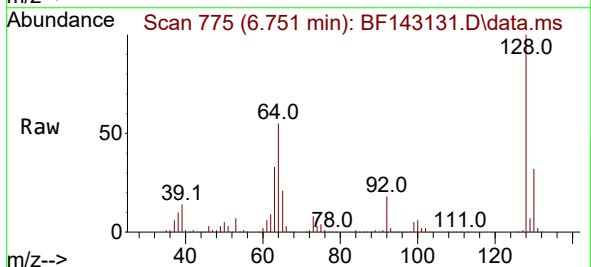
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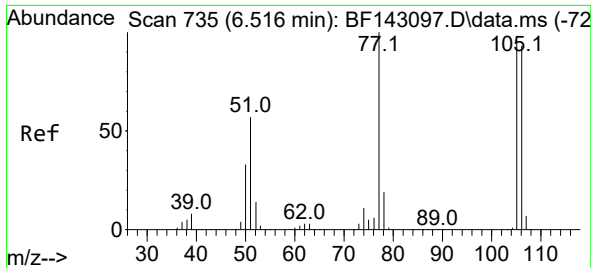
Tgt Ion: 99 Resp: 1041030
Ion Ratio Lower Upper
99 100
42 21.5 17.2 25.8
71 35.1 27.4 41.0



#8
2-Chlorophenol
Concen: 42.035 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion: 128 Resp: 411125
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 55.3 36.1 76.1

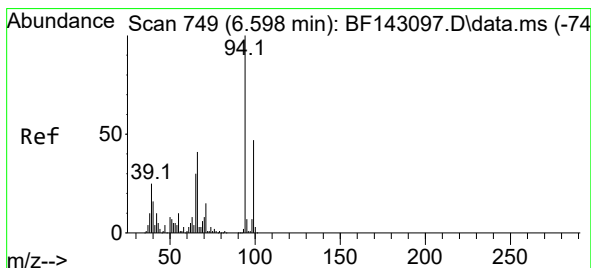
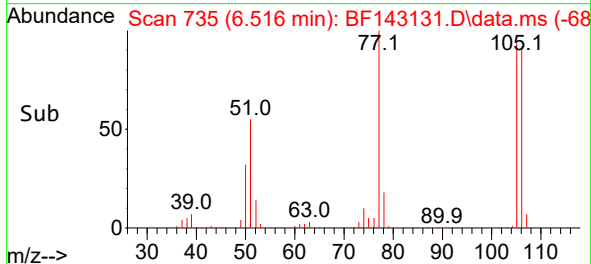
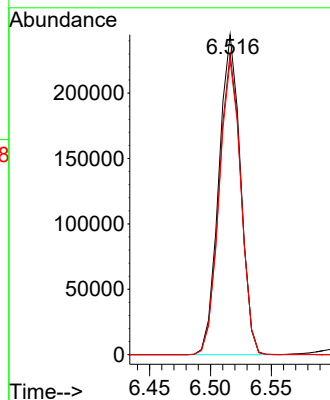
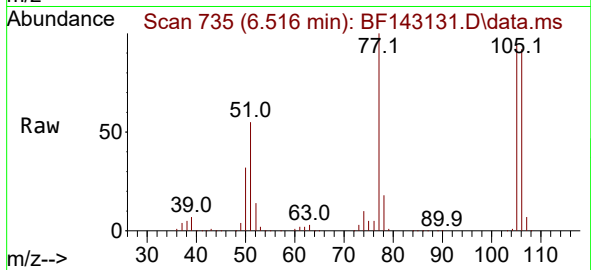




#9
Benzaldehyde
Concen: 32.392 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

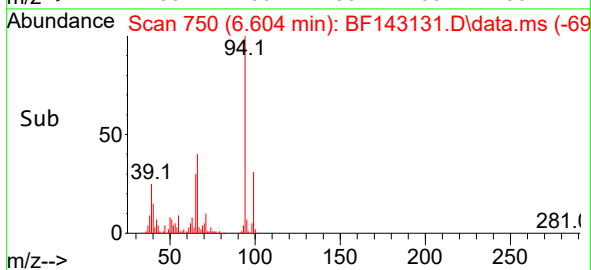
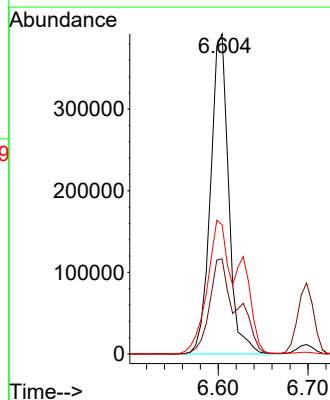
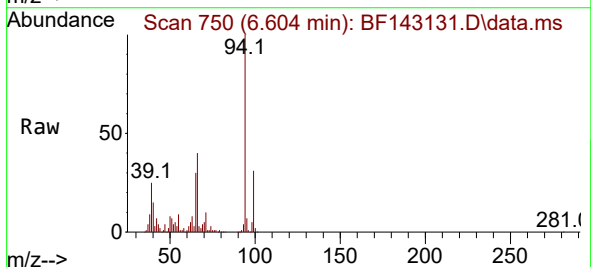
Instrument :
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ClientSampleId :
TP-17MS

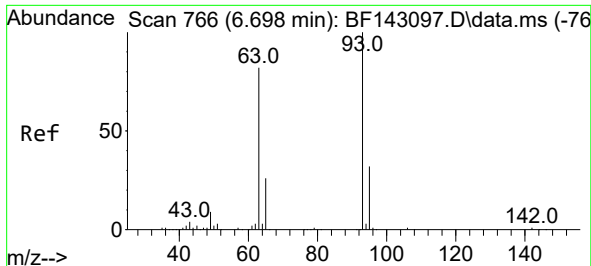
Tgt Ion: 77 Resp: 302020
Ion Ratio Lower Upper
77 100
105 94.1 76.3 116.3
106 92.0 72.8 112.8



#10
Phenol
Concen: 41.438 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion: 94 Resp: 548921
Ion Ratio Lower Upper
94 100
65 29.7 9.8 49.8
66 40.4 20.5 60.5





#11

bis(2-Chloroethyl)ether

Concen: 39.775 ng

RT: 6.698 min Scan# 766

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

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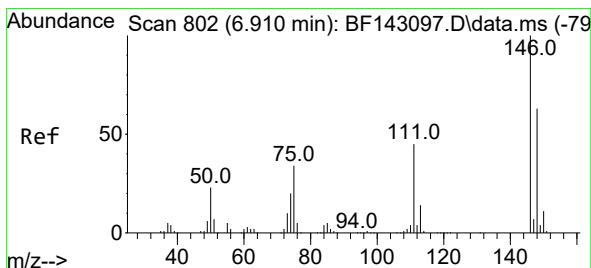
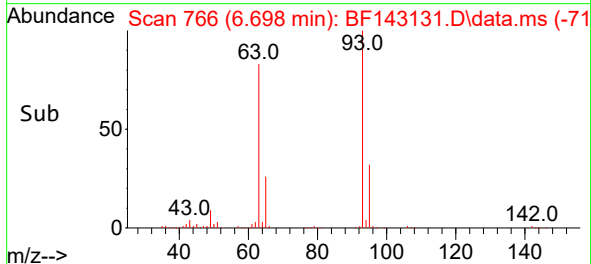
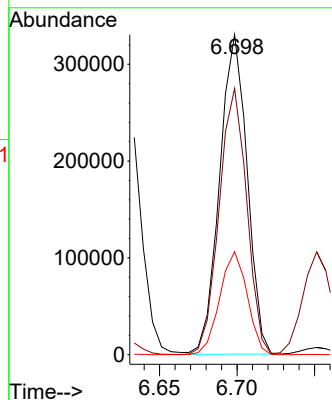
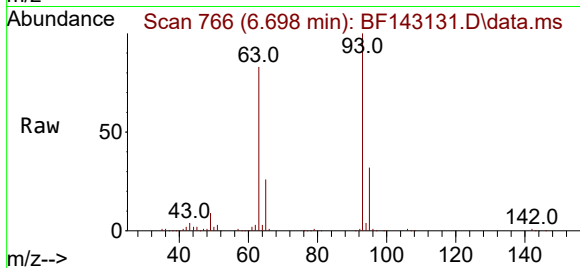
Tgt Ion: 93 Resp: 407895

Ion Ratio Lower Upper

93 100

63 83.2 61.9 101.9

95 32.2 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 39.617 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

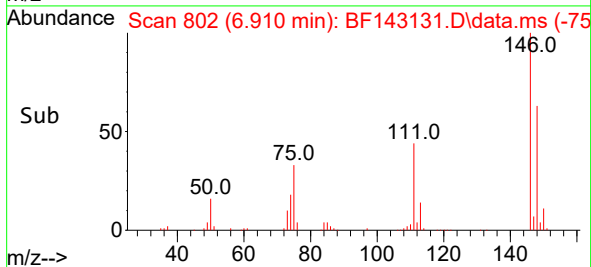
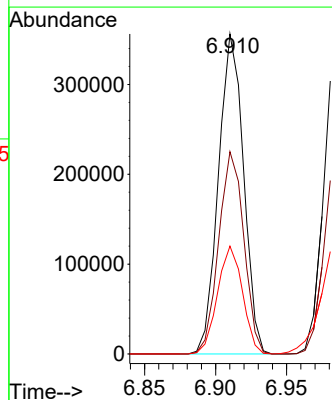
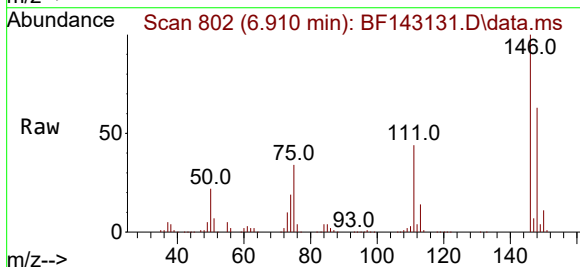
Tgt Ion:146 Resp: 437751

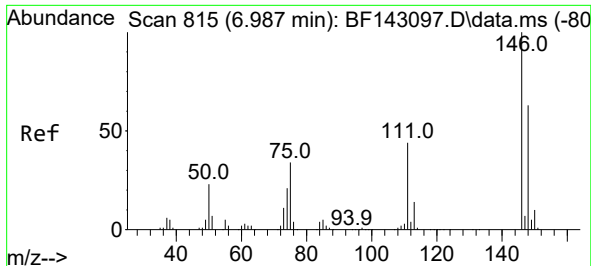
Ion Ratio Lower Upper

146 100

148 63.2 50.1 75.1

75 33.7 27.4 41.0

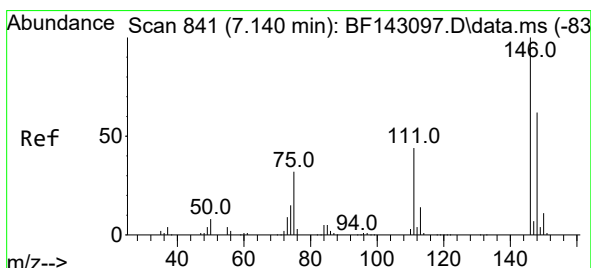
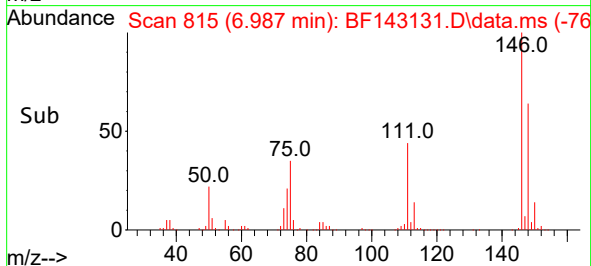
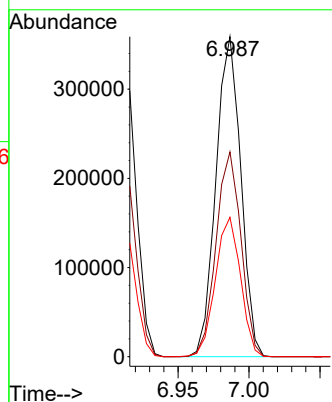
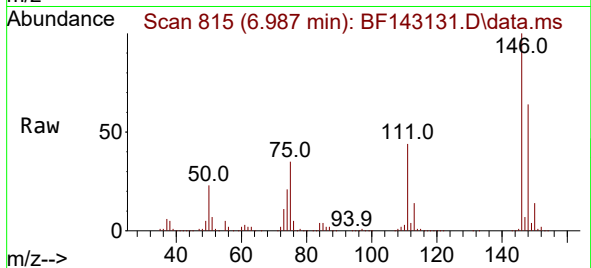




#13
1,4-Dichlorobenzene
Concen: 39.384 ng
RT: 6.987 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

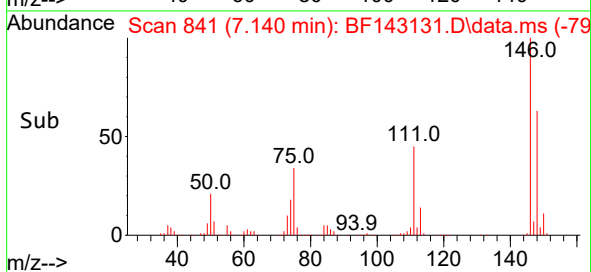
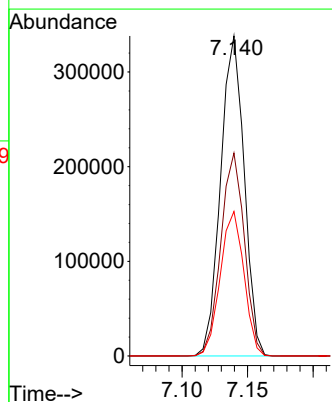
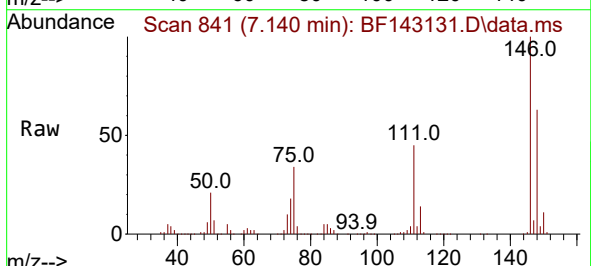
Instrument :
BNA_F
ClientSampleId :
TP-17MS

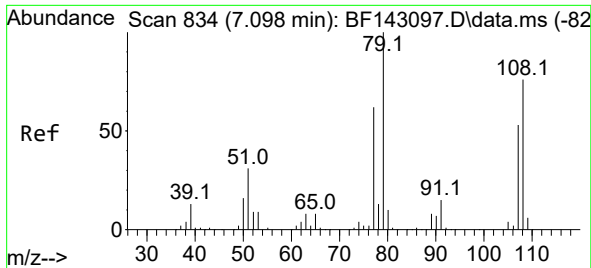
Tgt Ion:146 Resp: 437809
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 43.6 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 39.888 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:146 Resp: 422845
Ion Ratio Lower Upper
146 100
148 63.4 49.8 74.6
111 45.1 35.4 53.0

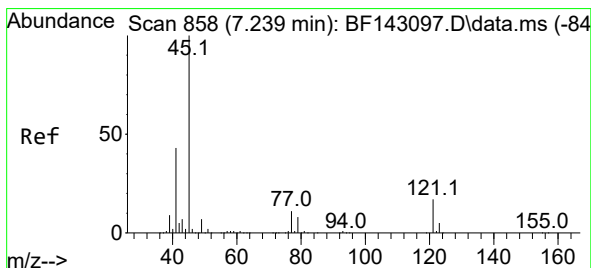
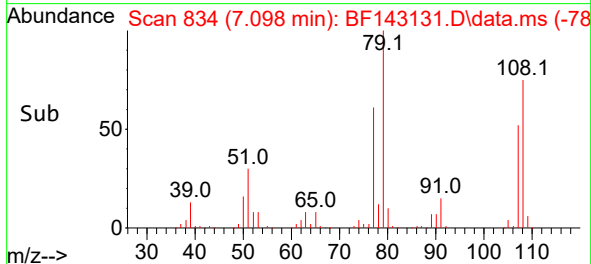
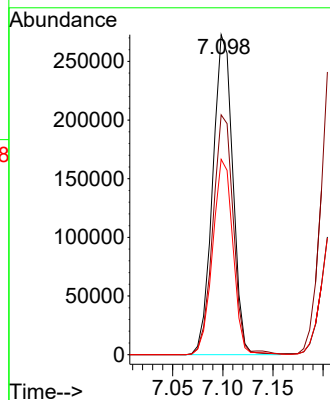
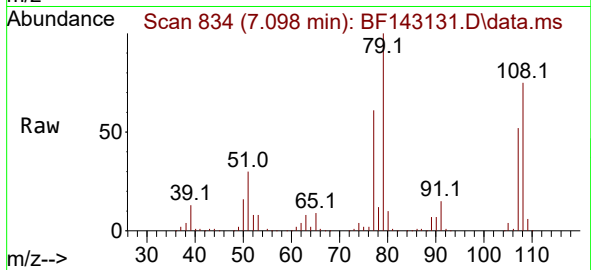




#15
Benzyl Alcohol
Concen: 42.003 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

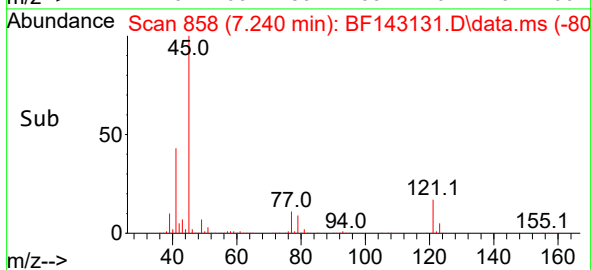
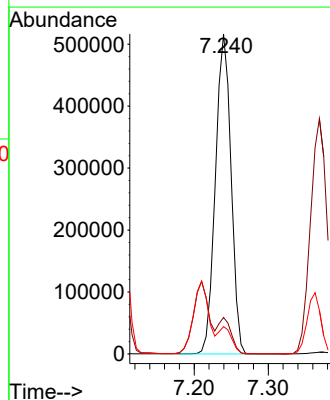
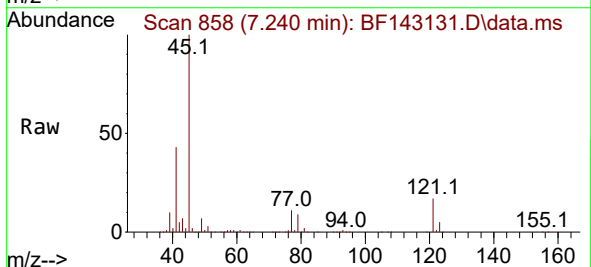
Instrument :
BNA_F
ClientSampleId :
TP-17MS

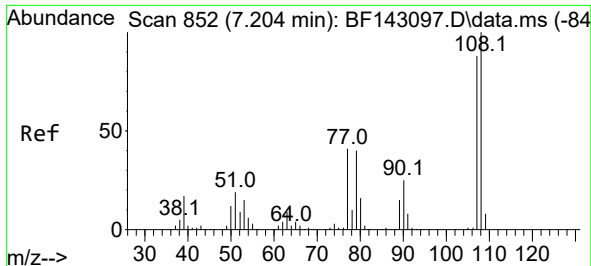
Tgt Ion: 79 Resp: 380836
Ion Ratio Lower Upper
79 100
108 74.9 61.1 91.7
77 61.1 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.869 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion: 45 Resp: 753677
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.1
79 8.6 0.0 28.4



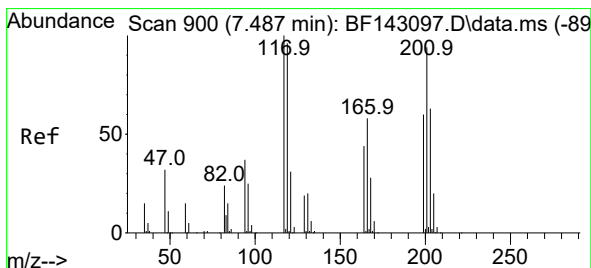
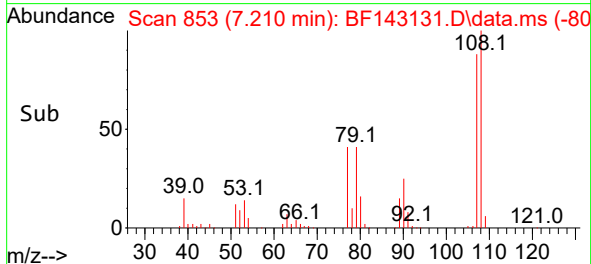
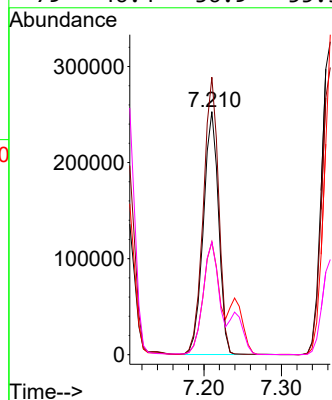
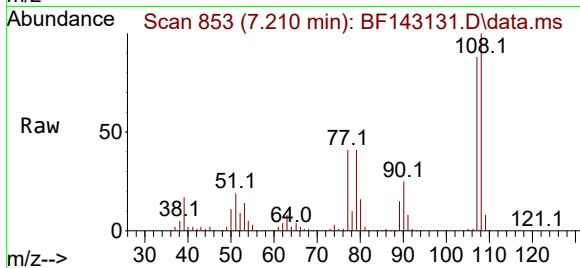


#17
2-Methylphenol
Concen: 40.887 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Instrument :
BNA_F
ClientSampleId :
TP-17MS

Tgt Ion:107 Resp: 345099

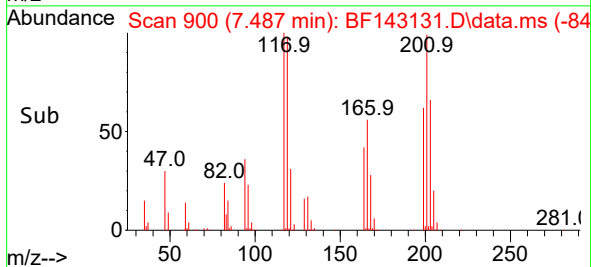
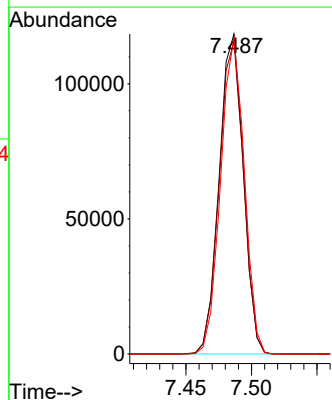
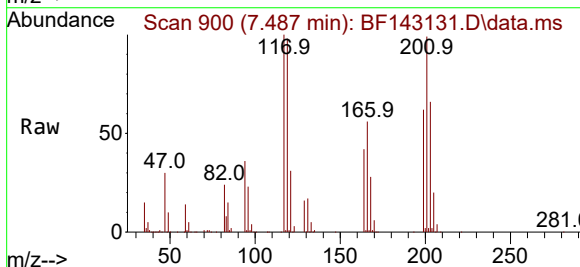
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.9	136.3
77	46.4	37.5	56.3
79	46.4	36.9	55.3

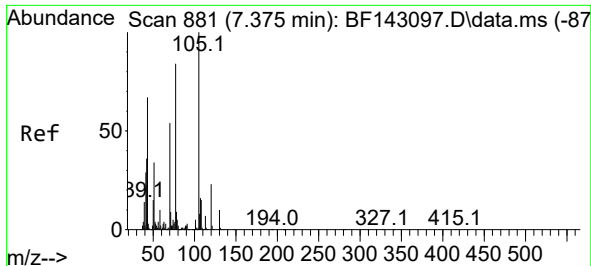


#18
Hexachloroethane
Concen: 41.852 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:117 Resp: 151457

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.7	115.1
201	98.8	75.0	112.4



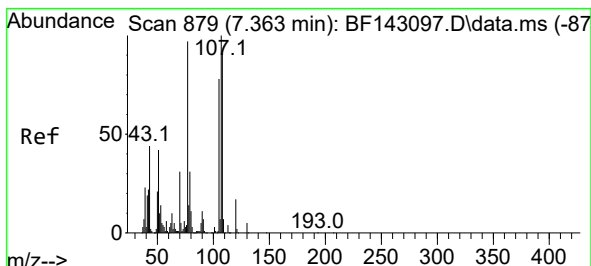
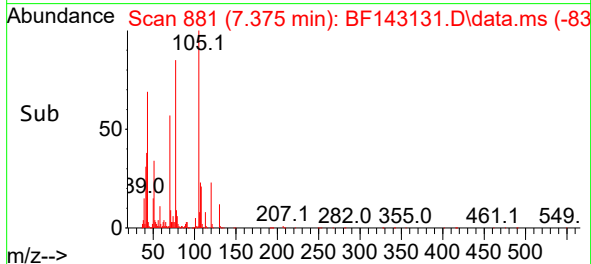
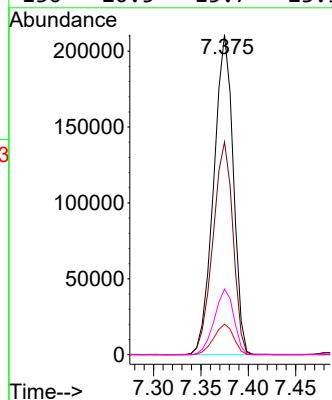
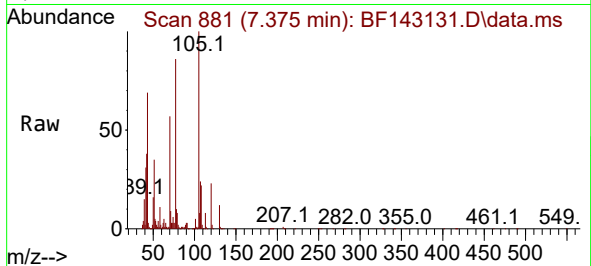


#19
n-Nitroso-di-n-propylamine
Concen: 40.389 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Instrument :
BNA_F
ClientSampleId :
TP-17MS

Tgt Ion: 70 Resp: 302780

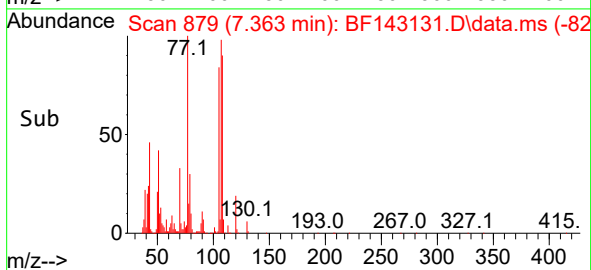
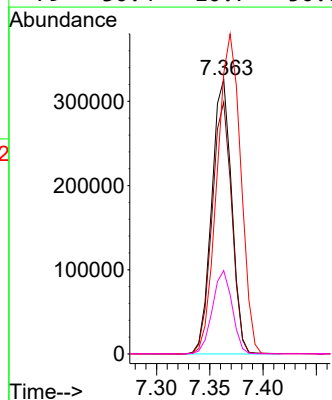
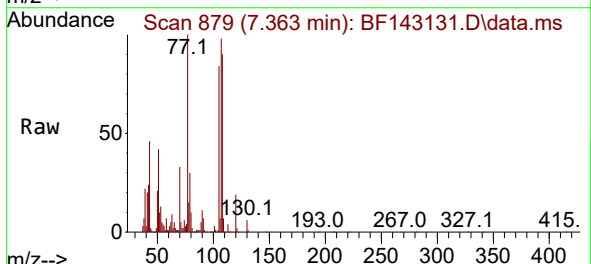
Ion	Ratio	Lower	Upper
70	100		
42	66.5	53.2	79.8
101	9.5	7.5	11.3
130	20.5	15.7	23.5

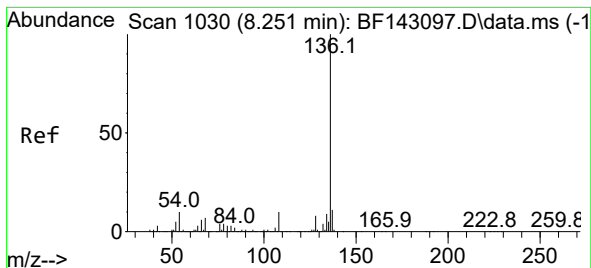


#20
3+4-Methylphenols
Concen: 40.991 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion: 107 Resp: 424295

Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.3	111.3
77	102.2	77.2	117.2
79	30.4	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

Tgt Ion:136 Resp: 579798

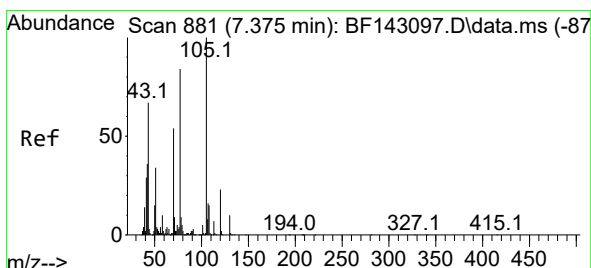
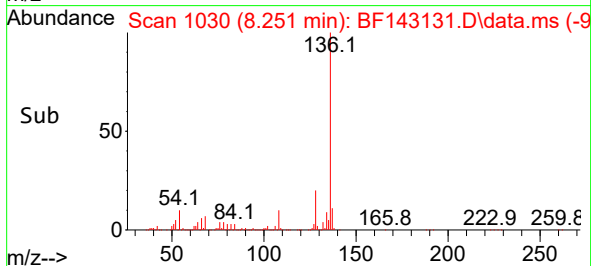
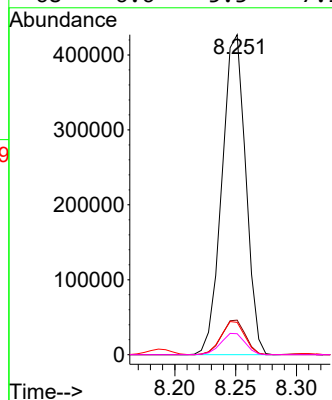
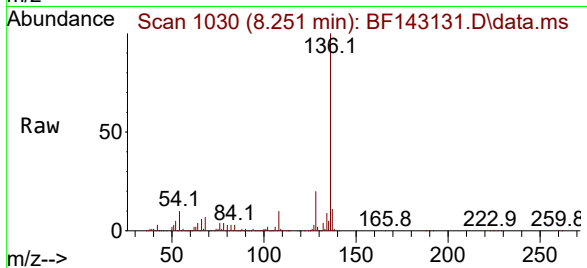
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.1 8.3 12.5

68 6.6 5.3 7.9



#22

Acetophenone

Concen: 40.253 ng

RT: 7.369 min Scan# 880

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Tgt Ion:105 Resp: 562591

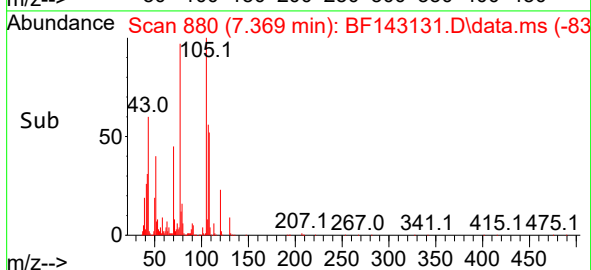
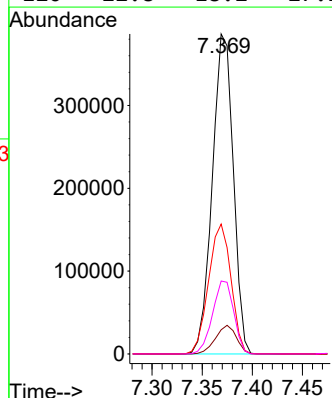
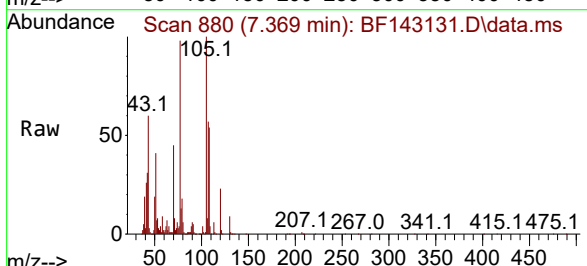
Ion Ratio Lower Upper

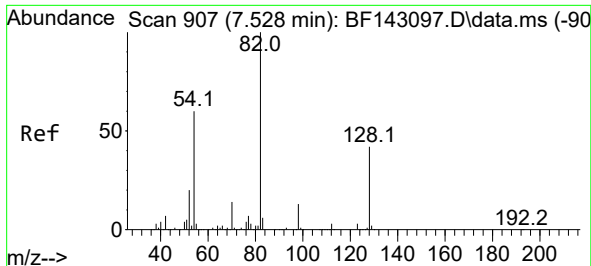
105 100

71 7.5 7.2 10.8

51 40.6 27.0 40.4#

120 22.8 18.2 27.2





#23

Nitrobenzene-d5

Concen: 64.377 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

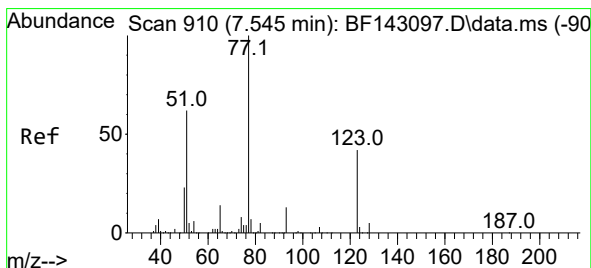
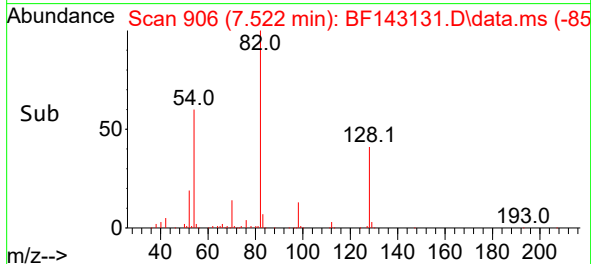
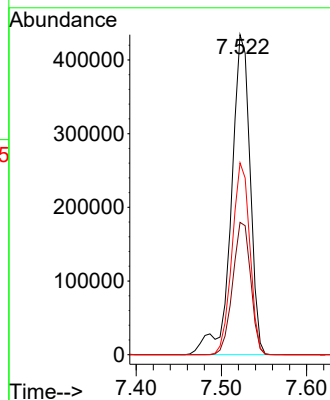
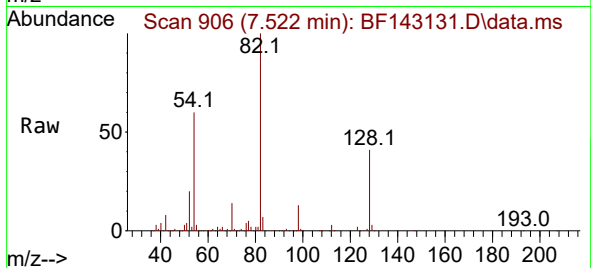
Tgt Ion: 82 Resp: 665365

Ion Ratio Lower Upper

82 100

128 41.3 33.3 49.9

54 59.9 47.4 71.2



#24

Nitrobenzene

Concen: 44.525 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

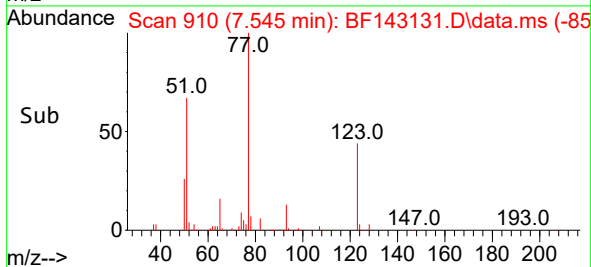
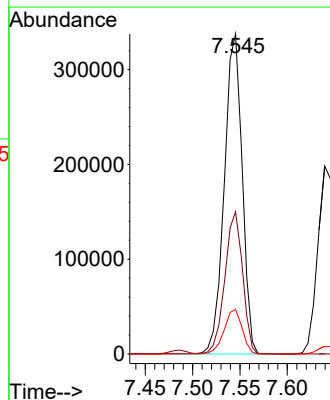
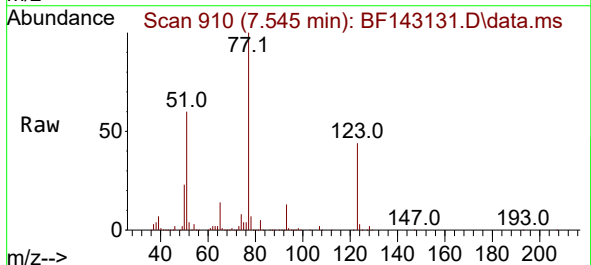
Tgt Ion: 77 Resp: 444251

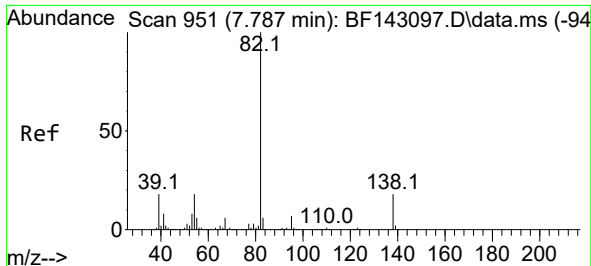
Ion Ratio Lower Upper

77 100

123 44.4 34.5 51.7

65 14.0 11.3 16.9

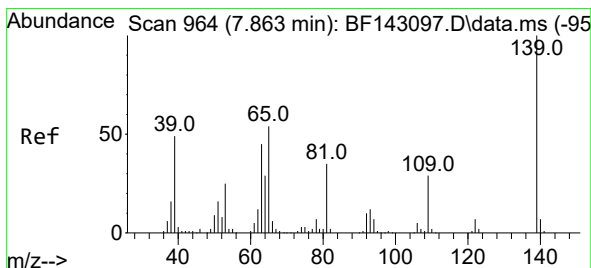
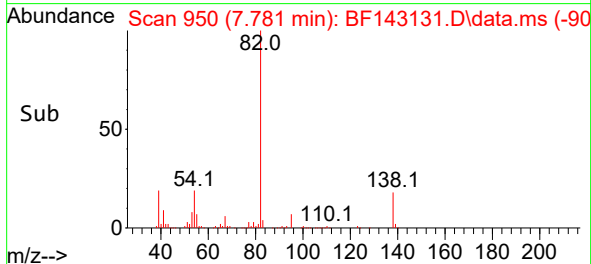
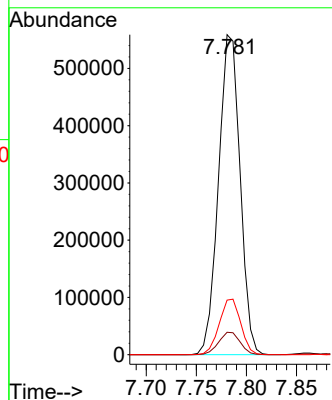
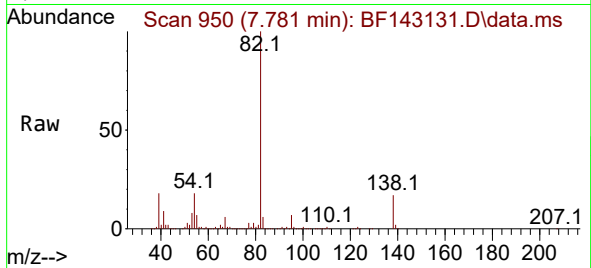




#25
Isophorone
Concen: 41.806 ng
RT: 7.781 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

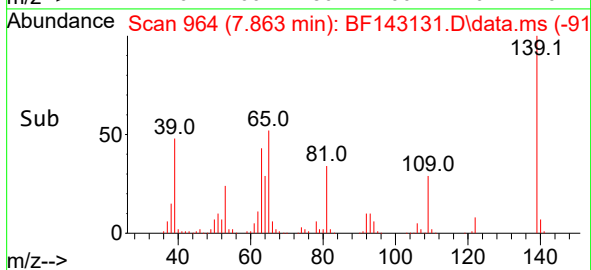
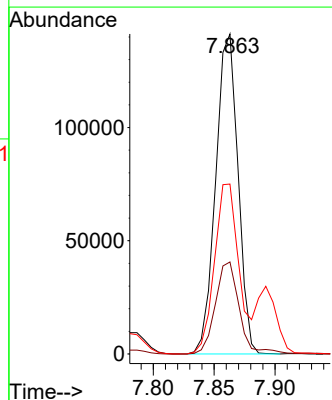
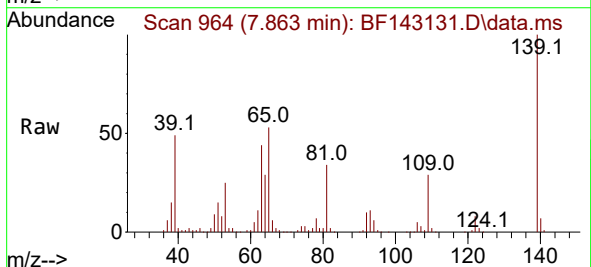
Instrument :
BNA_F
ClientSampleId :
TP-17MS

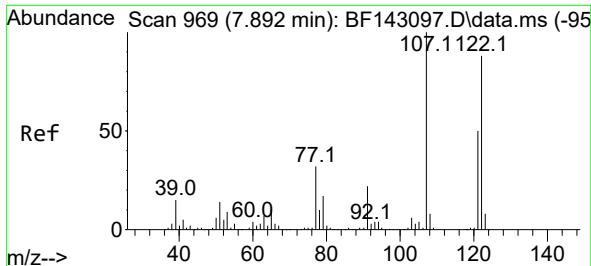
Tgt Ion: 82 Resp: 835156
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.1 14.3 21.5



#26
2-Nitrophenol
Concen: 45.496 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:139 Resp: 180511
Ion Ratio Lower Upper
139 100
109 28.8 23.4 35.0
65 53.1 43.4 65.2

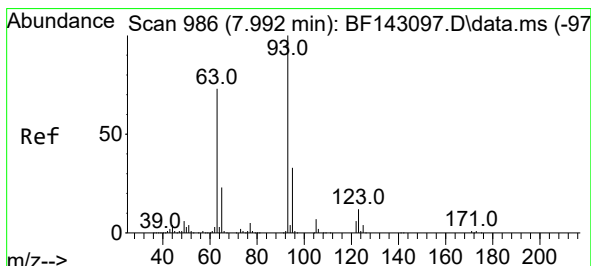
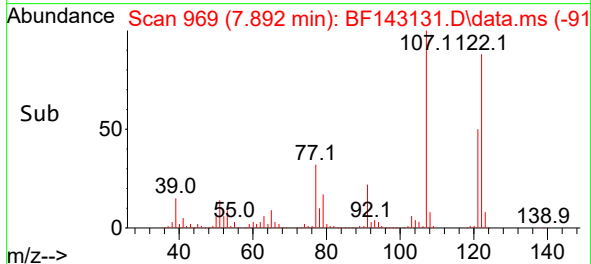
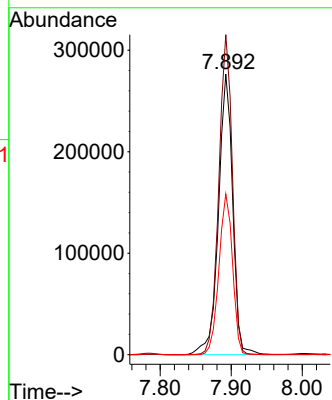
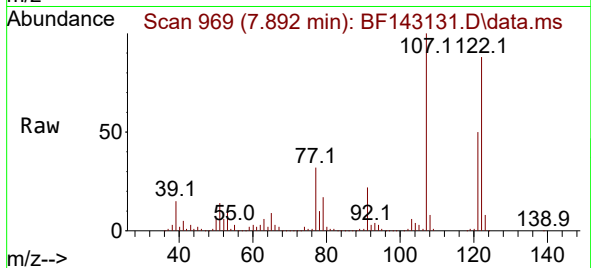




#27
2,4-Dimethylphenol
Concen: 41.254 ng
RT: 7.892 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

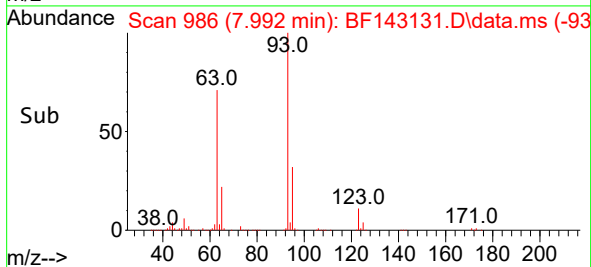
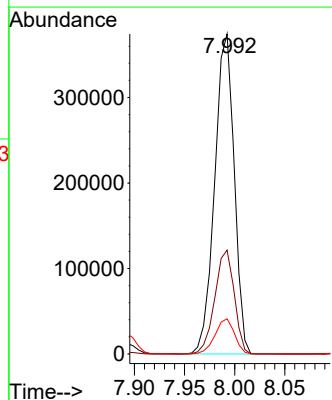
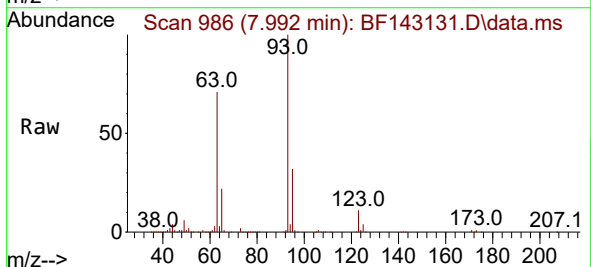
Instrument :
BNA_F
ClientSampleId :
TP-17MS

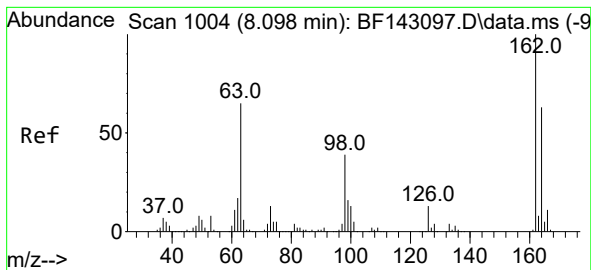
Tgt Ion:122 Resp: 382507
Ion Ratio Lower Upper
122 100
107 114.1 91.3 136.9
121 57.3 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.798 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion: 93 Resp: 506341
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 42.379 ng

RT: 8.098 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

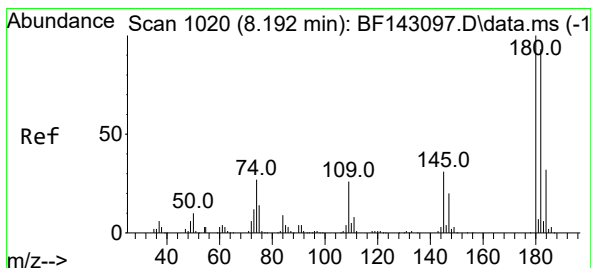
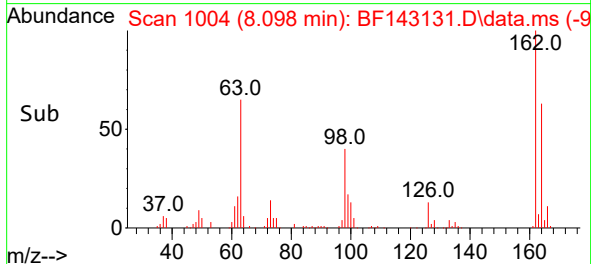
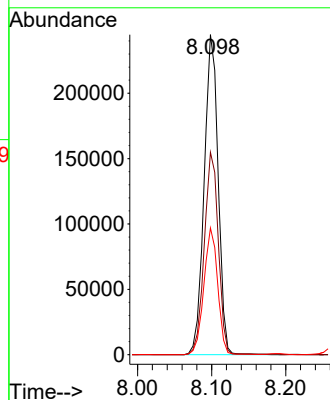
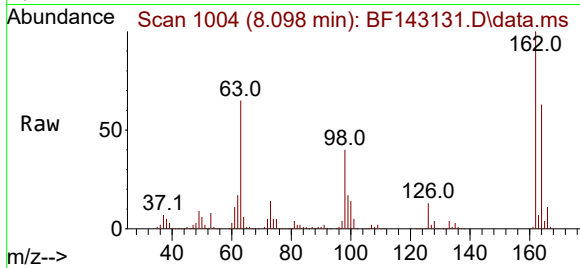
Tgt Ion:162 Resp: 321458

Ion Ratio Lower Upper

162 100

164 63.2 43.1 83.1

98 39.6 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 40.708 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

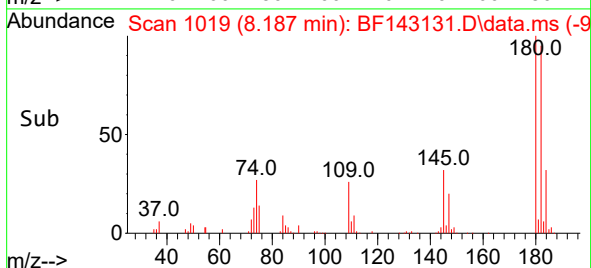
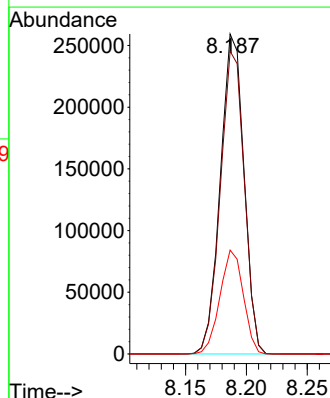
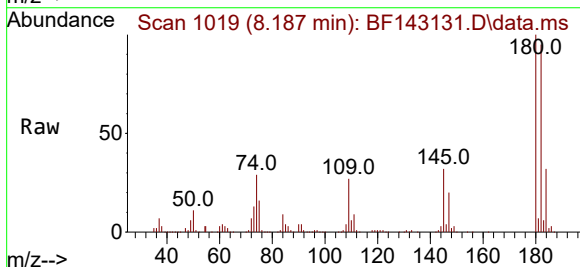
Tgt Ion:180 Resp: 350435

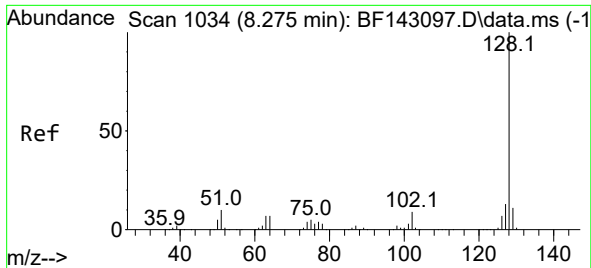
Ion Ratio Lower Upper

180 100

182 94.6 74.7 112.1

145 32.4 24.5 36.7

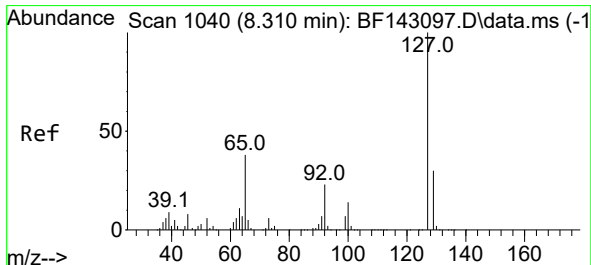
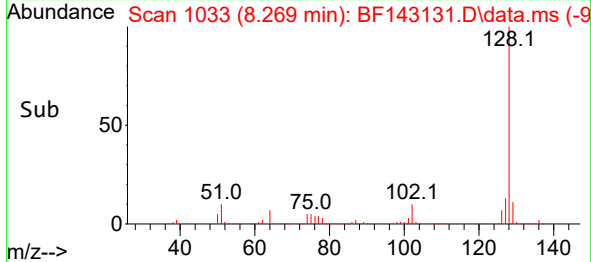
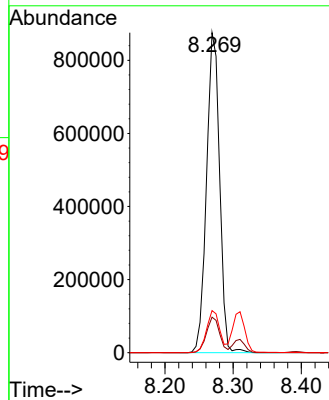
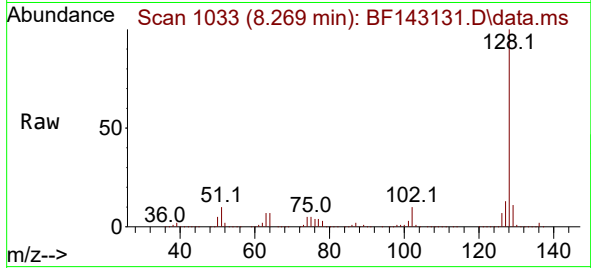




#31
Naphthalene
Concen: 40.495 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

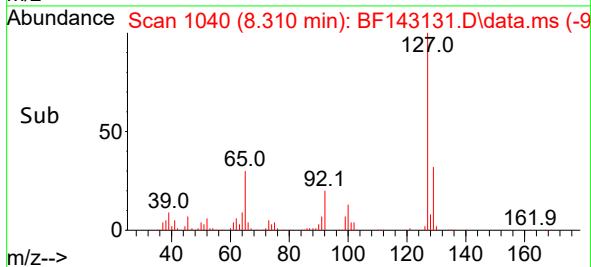
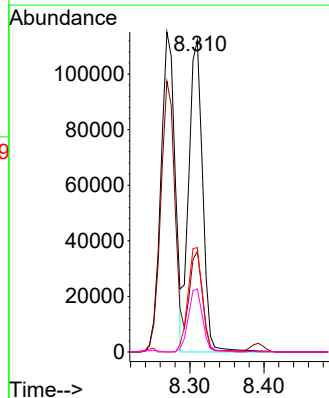
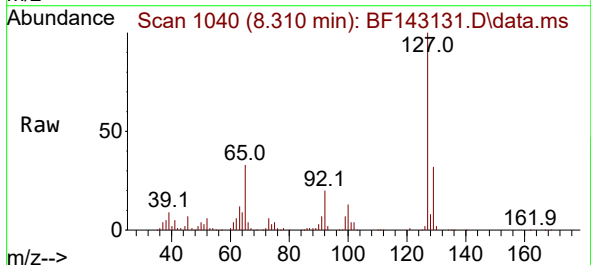
Instrument :
BNA_F
ClientSampleId :
TP-17MS

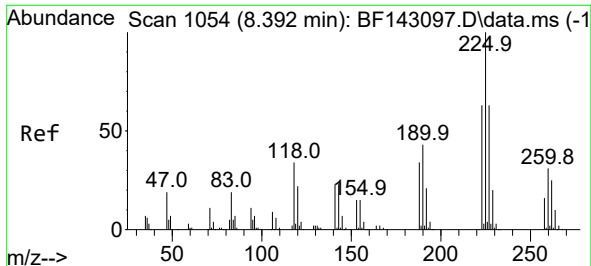
Tgt Ion:128 Resp: 1165944
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.5 15.7



#33
4-Chloroaniline
Concen: 12.734 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:127 Resp: 147433
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.4
65 33.5 28.6 42.8
92 20.3 17.1 25.7

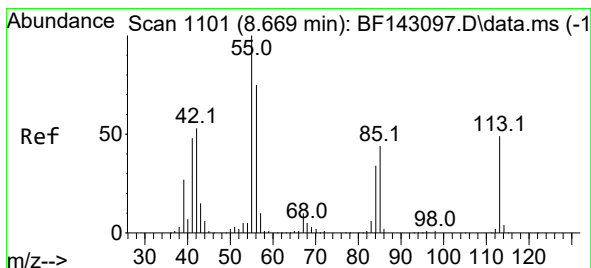
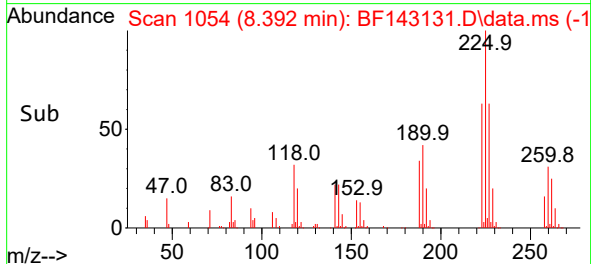
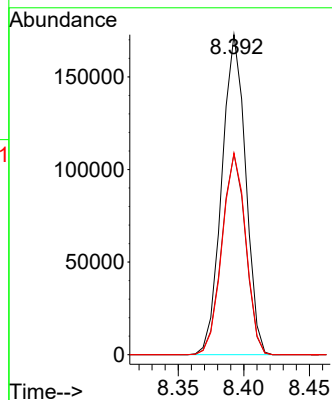
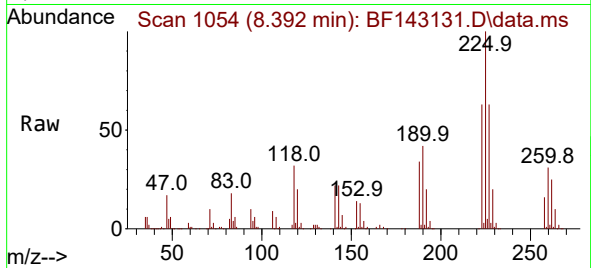




#34
Hexachlorobutadiene
Concen: 42.286 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

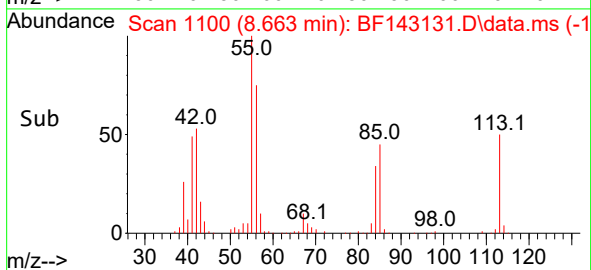
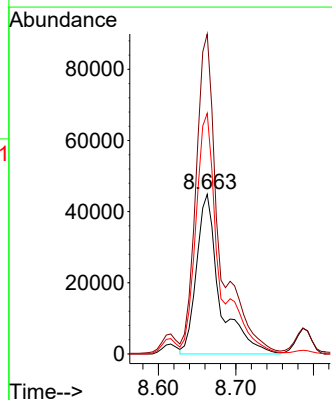
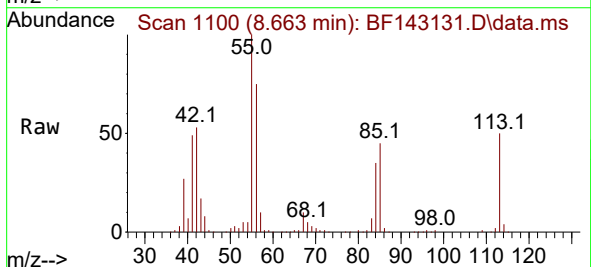
Instrument :
BNA_F
ClientSampleId :
TP-17MS

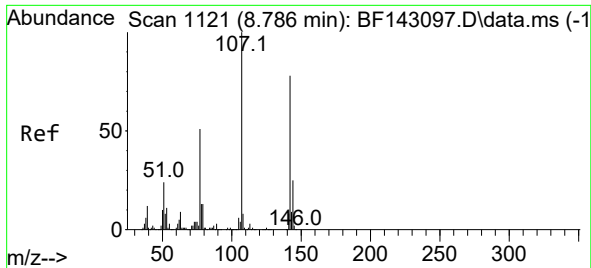
Tgt Ion:225 Resp: 217703
Ion Ratio Lower Upper
225 100
223 62.7 50.3 75.5
227 62.9 50.1 75.1



#35
Caprolactam
Concen: 39.408 ng
RT: 8.663 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:113 Resp: 93345
Ion Ratio Lower Upper
113 100
55 200.4 186.2 226.2
56 150.7 134.1 174.1

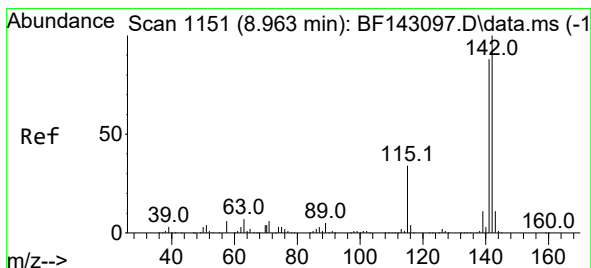
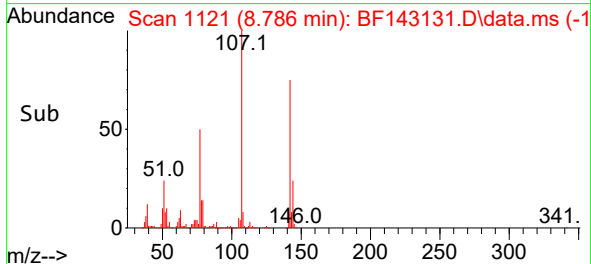
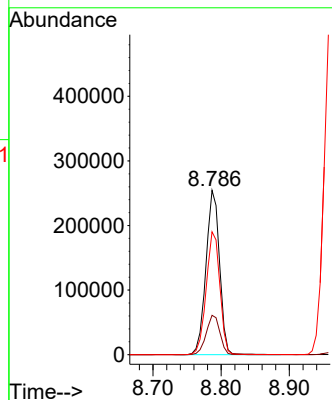
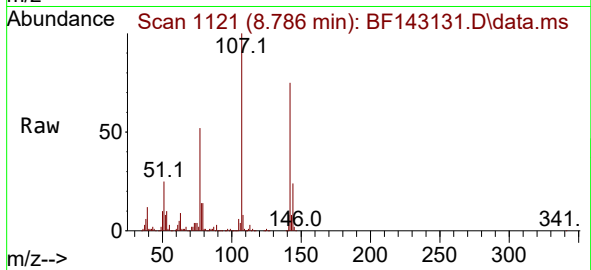




#36
4-Chloro-3-methylphenol
Concen: 41.831 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

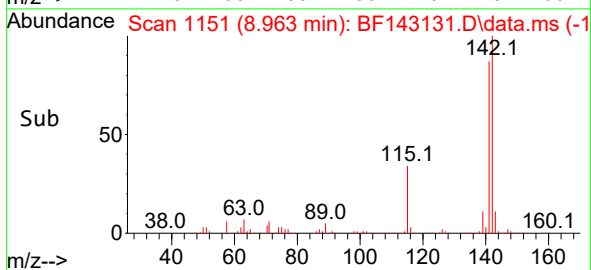
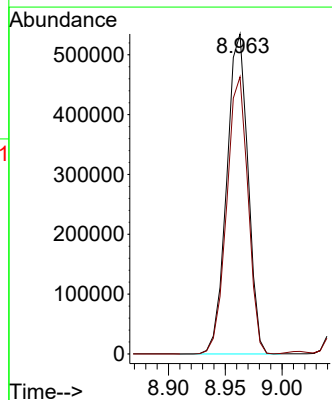
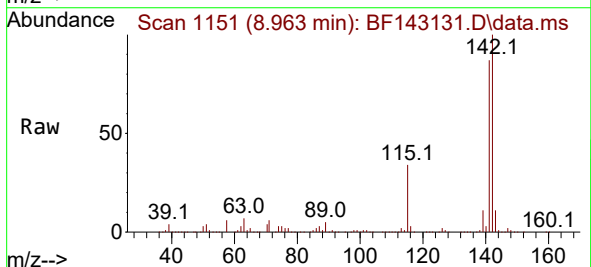
Instrument :
BNA_F
ClientSampleId :
TP-17MS

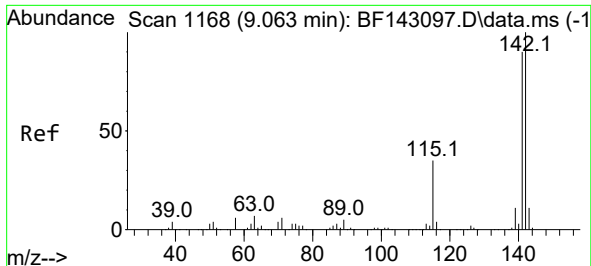
Tgt Ion:107 Resp: 353459
Ion Ratio Lower Upper
107 100
144 23.9 20.2 30.2
142 74.8 62.4 93.6



#37
2-Methylnaphthalene
Concen: 40.605 ng
RT: 8.963 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:142 Resp: 697441
Ion Ratio Lower Upper
142 100
141 86.6 70.2 105.2

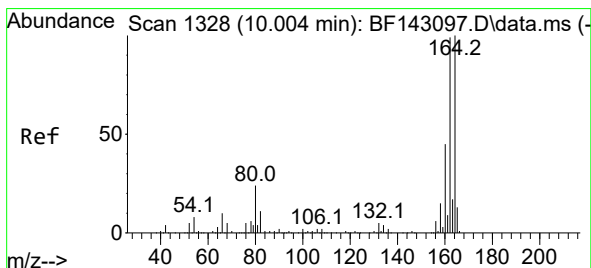
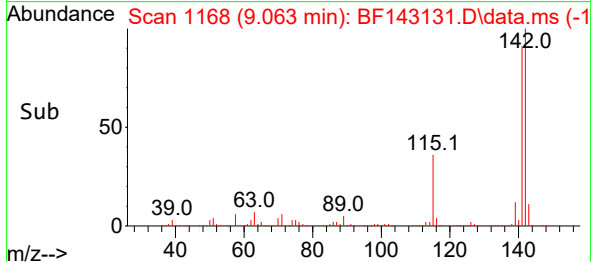
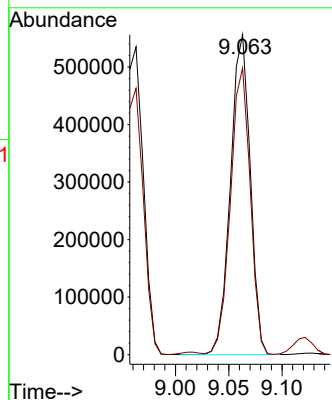
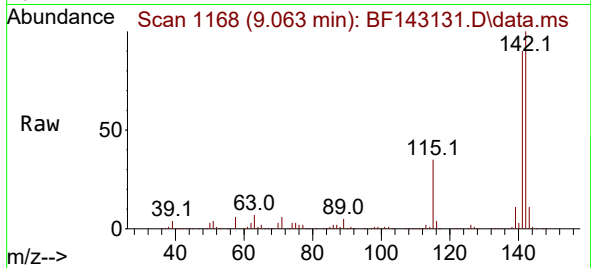




#38
1-Methylnaphthalene
Concen: 40.346 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

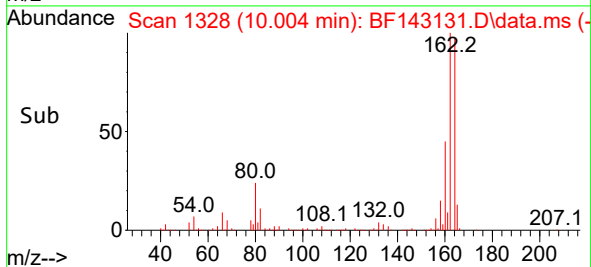
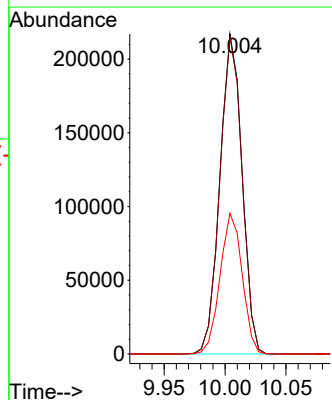
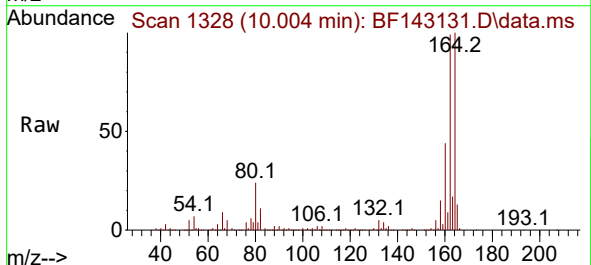
Instrument :
BNA_F
ClientSampleId :
TP-17MS

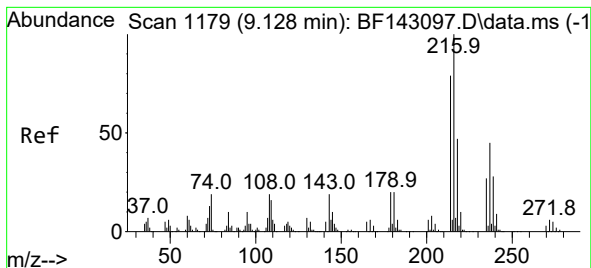
Tgt Ion:142 Resp: 718769
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:164 Resp: 274749
Ion Ratio Lower Upper
164 100
162 99.0 79.0 118.6
160 44.0 35.8 53.6

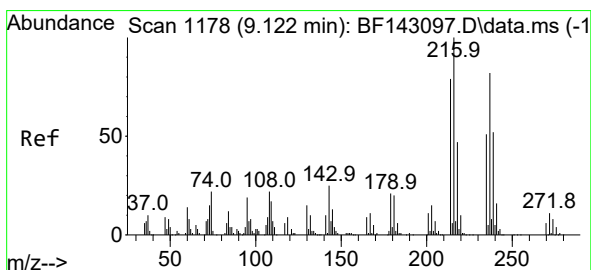
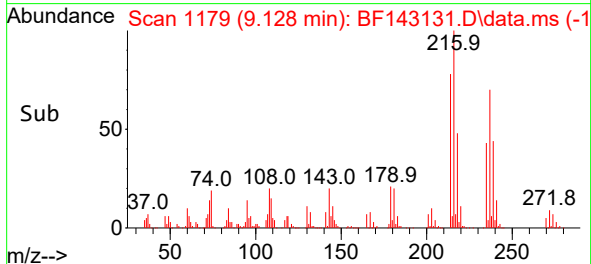
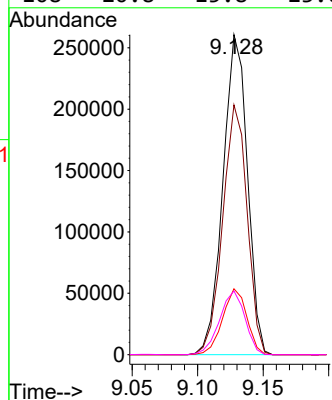
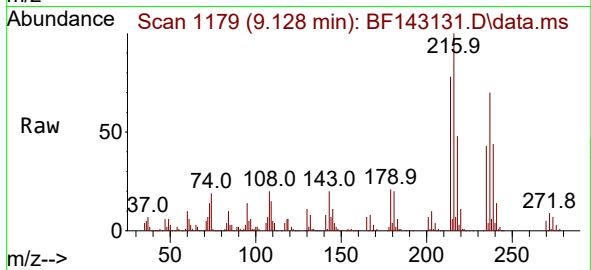




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.197 ng
 RT: 9.128 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BF143131.D
 Acq: 17 Jul 2025 02:34

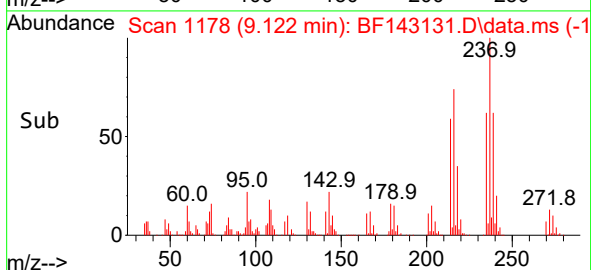
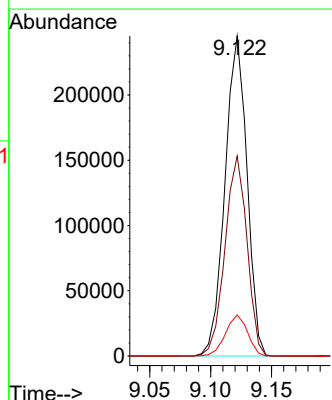
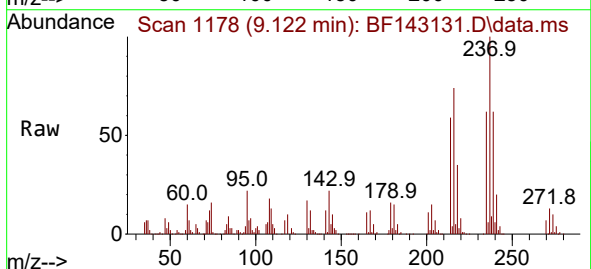
Instrument :
 BNA_F
 ClientSampleId :
 TP-17MS

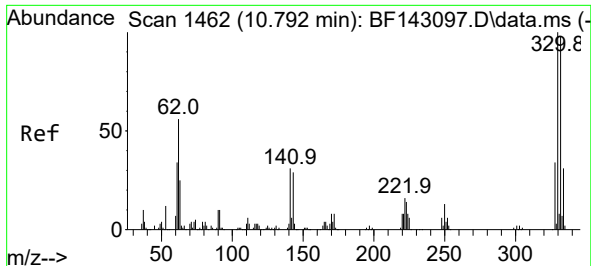
Tgt Ion:216 Resp: 337867
 Ion Ratio Lower Upper
 216 100
 214 77.9 62.6 94.0
 179 20.5 16.2 24.2
 108 20.8 15.8 23.6



#41
 Hexachlorocyclopentadiene
 Concen: 69.565 ng
 RT: 9.122 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: BF143131.D
 Acq: 17 Jul 2025 02:34

Tgt Ion:237 Resp: 308813
 Ion Ratio Lower Upper
 237 100
 235 62.4 41.6 81.6
 272 12.8 0.0 32.9

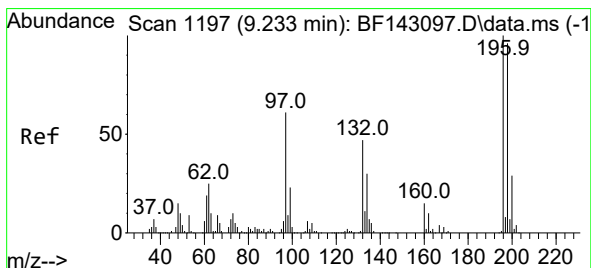
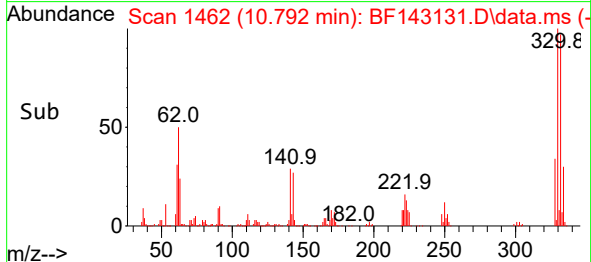
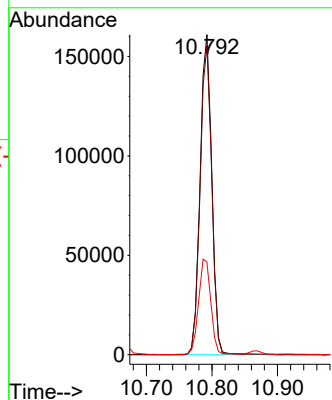
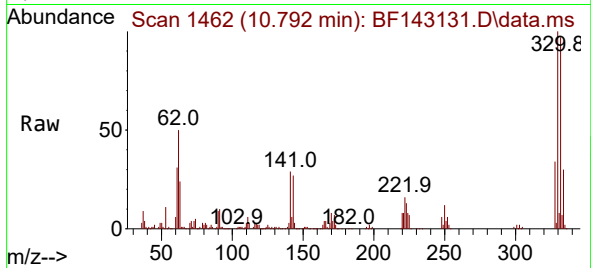




#42
2,4,6-Tribromophenol
Concen: 81.600 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

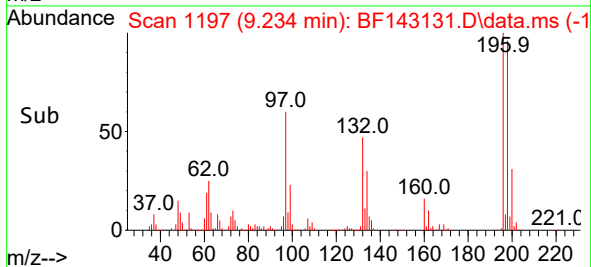
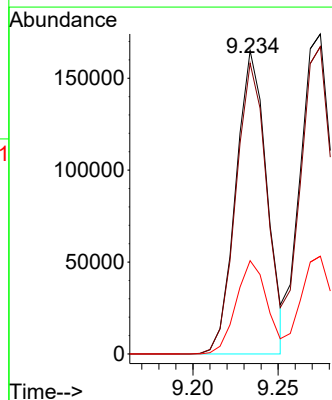
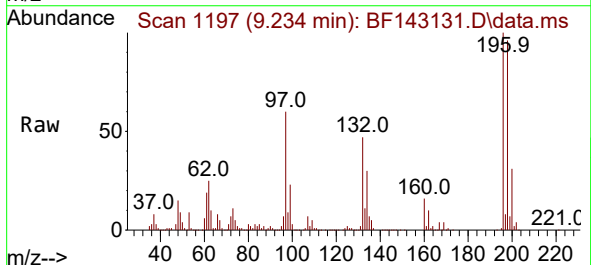
Instrument :
BNA_F
ClientSampleId :
TP-17MS

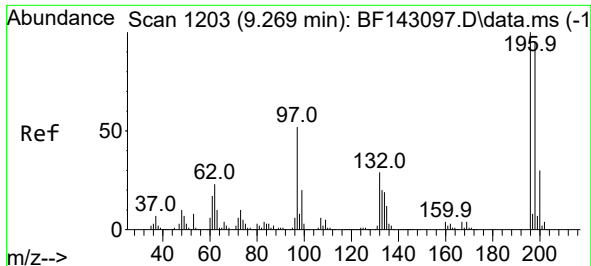
Tgt Ion:330 Resp: 199903
Ion Ratio Lower Upper
330 100
332 96.1 77.9 116.9
141 31.5 25.9 38.9



#43
2,4,6-Trichlorophenol
Concen: 41.813 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:196 Resp: 208024
Ion Ratio Lower Upper
196 100
198 95.8 76.9 115.3
200 30.8 23.5 35.3

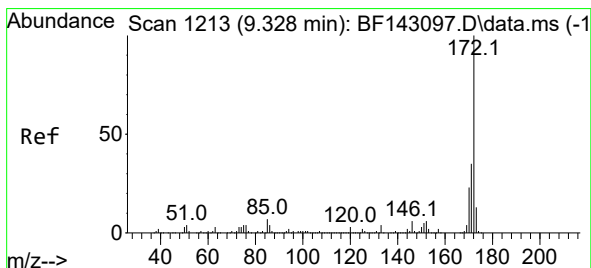
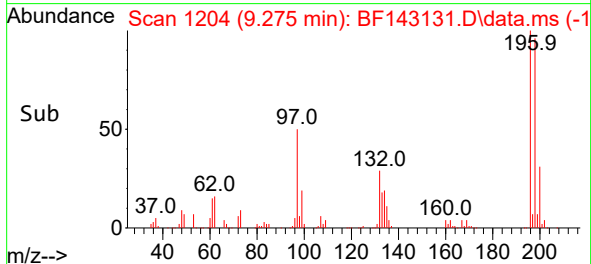
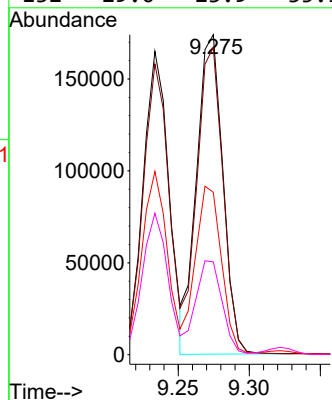
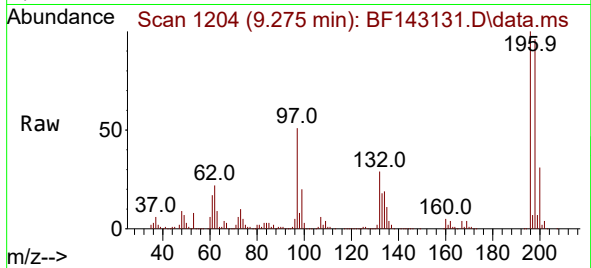




#44
2,4,5-Trichlorophenol
Concen: 42.999 ng
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

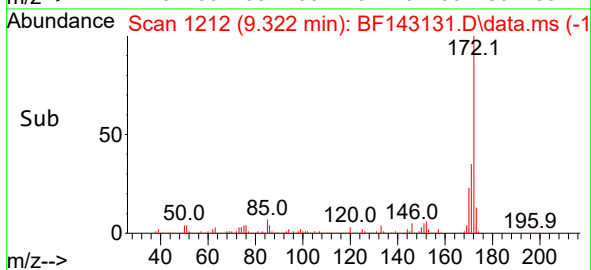
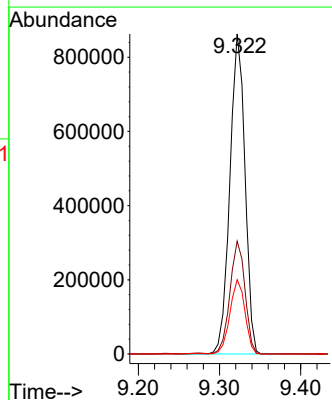
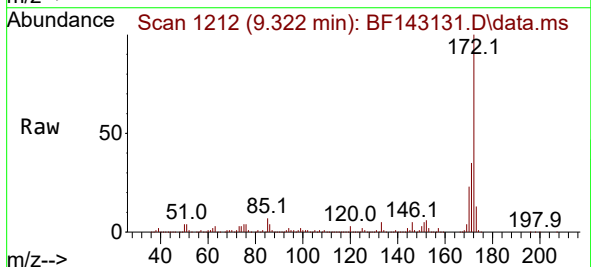
Instrument :
BNA_F
ClientSampleId :
TP-17MS

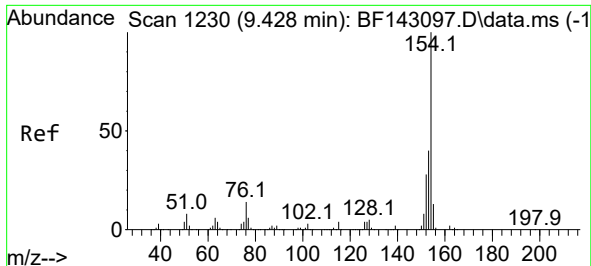
Tgt Ion:196 Resp: 224311
Ion Ratio Lower Upper
196 100
198 96.1 76.4 114.6
97 50.7 42.4 63.6
132 29.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 53.889 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:172 Resp: 1113827
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.2 18.6 28.0





#46

1,1'-Biphenyl

Concen: 41.942 ng

RT: 9.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

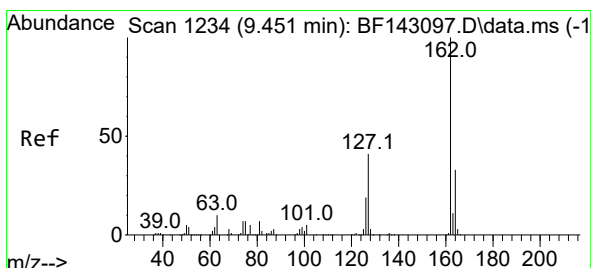
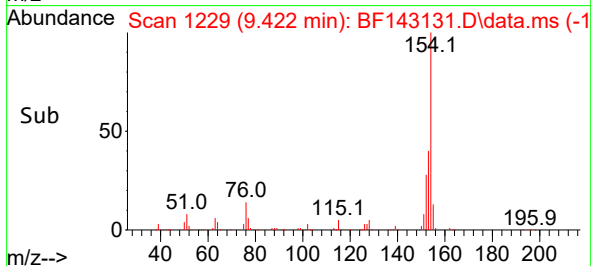
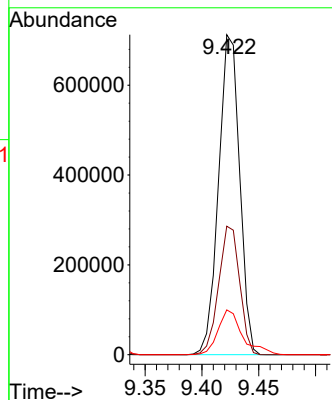
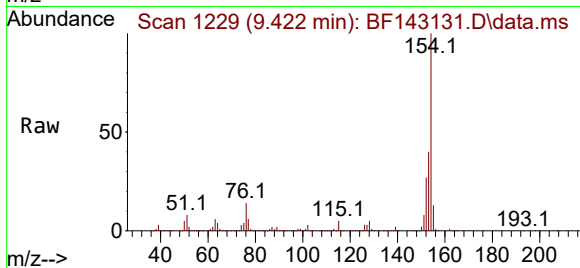
Tgt Ion:154 Resp: 918974

Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 14.0 0.0 33.7



#47

2-Chloronaphthalene

Concen: 41.742 ng

RT: 9.451 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

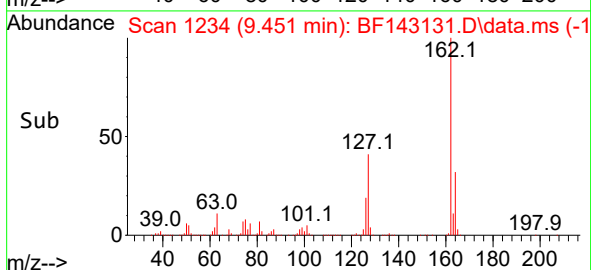
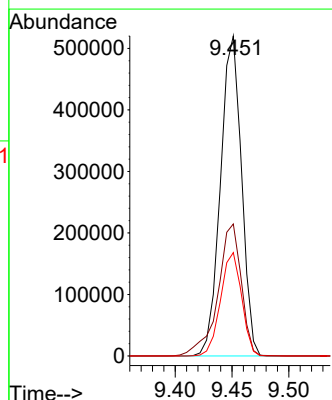
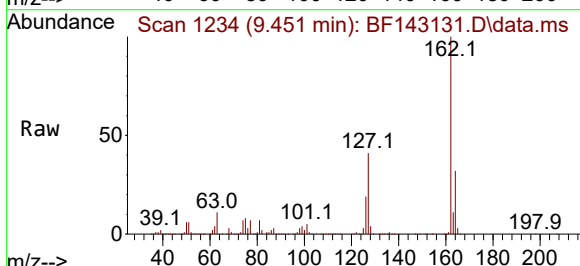
Tgt Ion:162 Resp: 671890

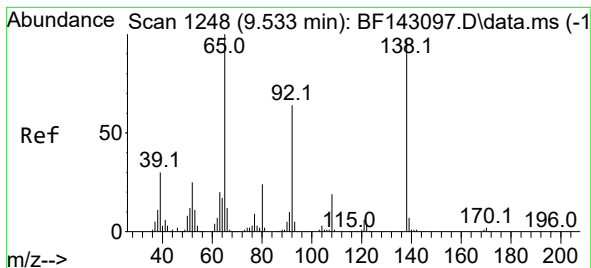
Ion Ratio Lower Upper

162 100

127 41.2 33.0 49.6

164 32.3 26.1 39.1





#48

2-Nitroaniline

Concen: 44.804 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.001 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

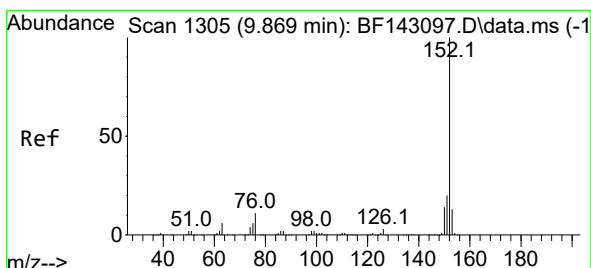
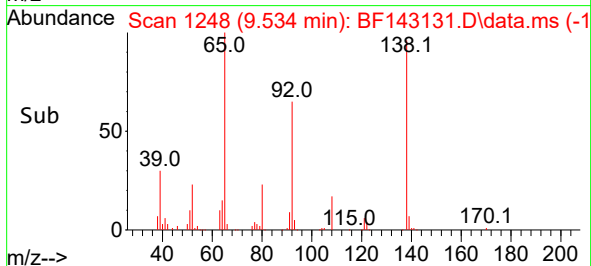
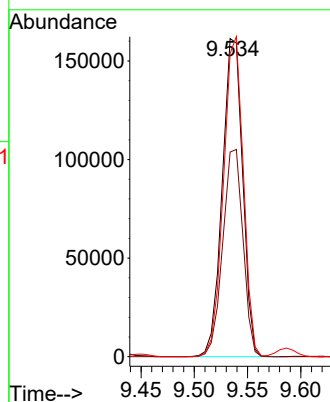
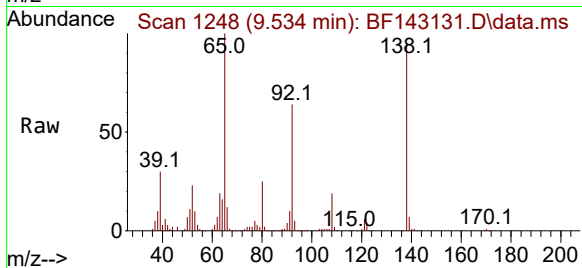
Tgt Ion: 65 Resp: 214232

Ion Ratio Lower Upper

65 100

92 64.3 51.3 76.9

138 95.3 77.8 116.6



#49

Acenaphthylene

Concen: 41.420 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

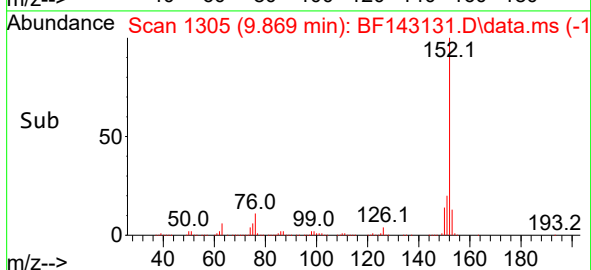
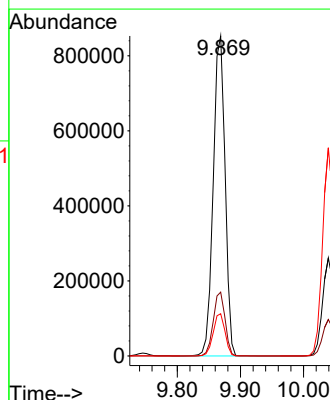
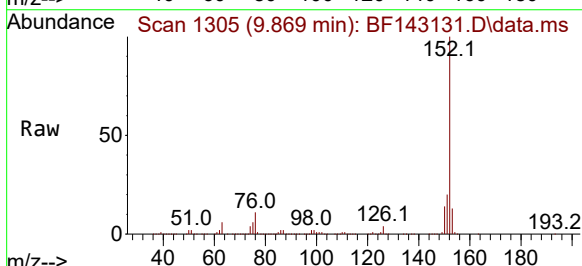
Tgt Ion: 152 Resp: 1110952

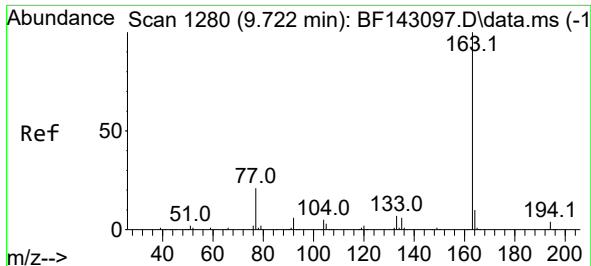
Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.2 10.4 15.6

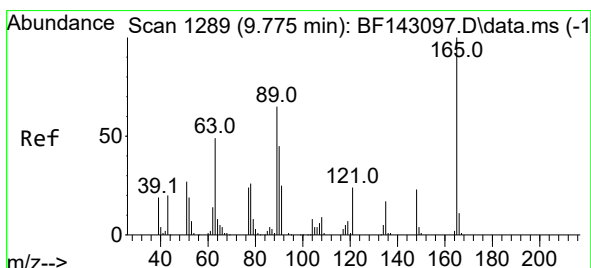
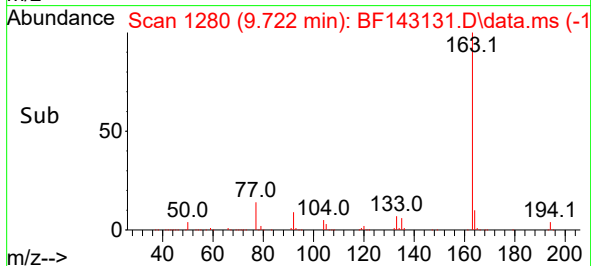
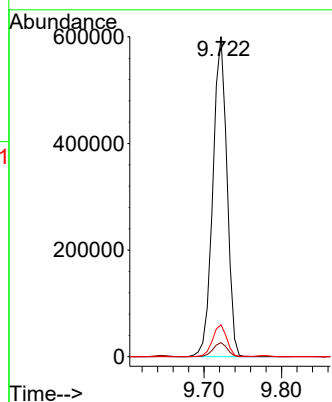
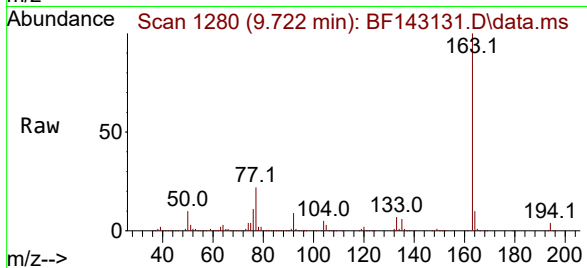




#50
Dimethylphthalate
Concen: 43.880 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

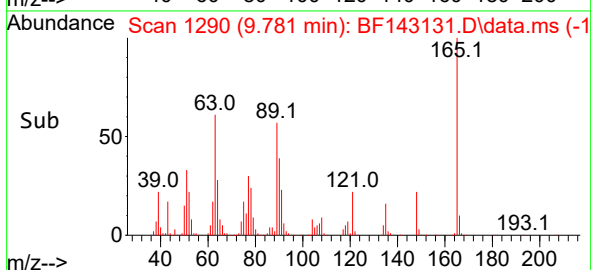
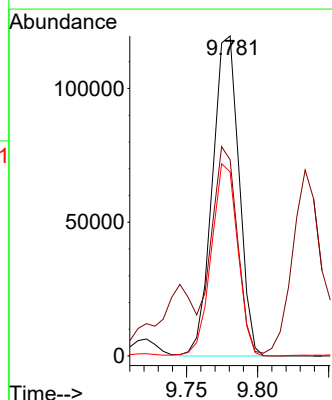
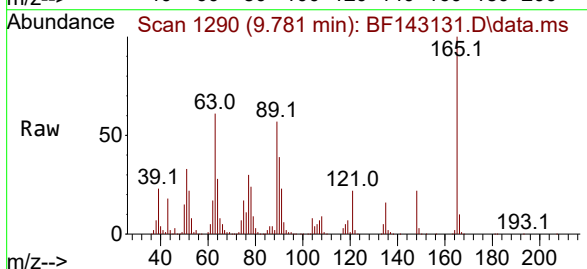
Instrument :
BNA_F
ClientSampleId :
TP-17MS

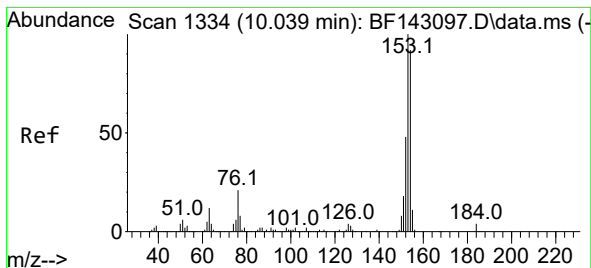
Tgt Ion:163 Resp: 758469
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.0 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 45.740 ng
RT: 9.781 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:165 Resp: 155746
Ion Ratio Lower Upper
165 100
63 61.3 57.4 86.0
89 57.5 51.8 77.8





#52

Acenaphthene

Concen: 39.334 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

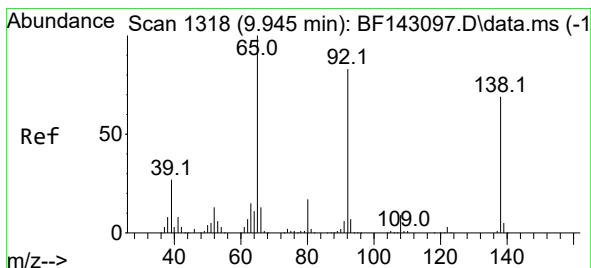
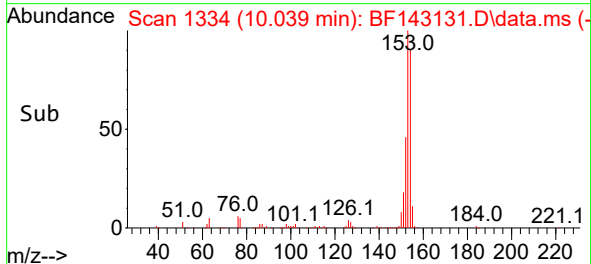
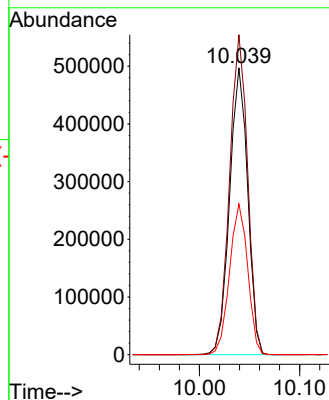
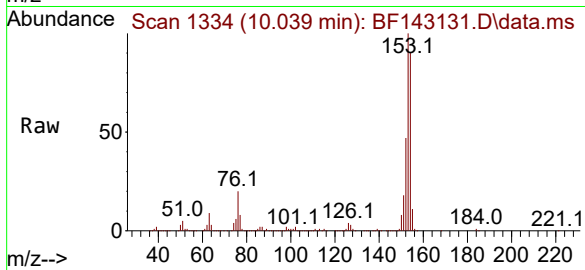
Tgt Ion:154 Resp: 622567

Ion Ratio Lower Upper

154 100

153 111.5 86.7 130.1

152 52.5 41.4 62.2



#53

3-Nitroaniline

Concen: 34.449 ng

RT: 9.945 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

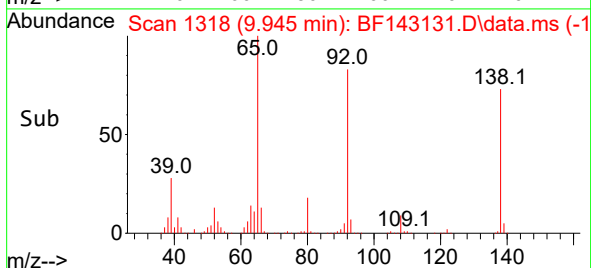
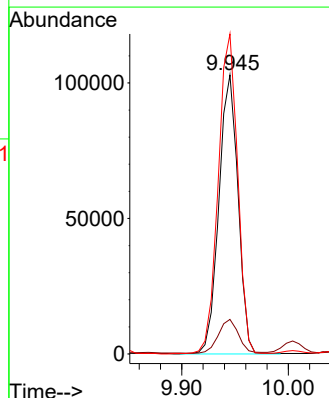
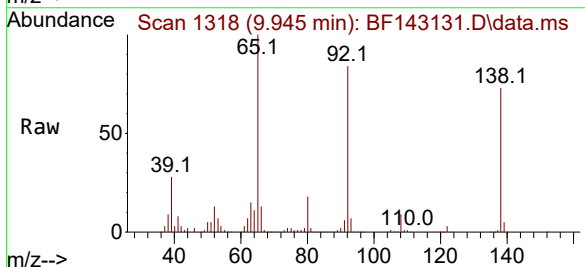
Tgt Ion:138 Resp: 128666

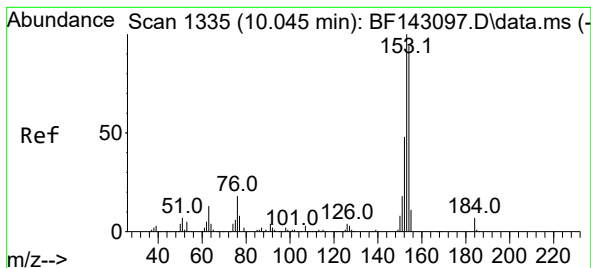
Ion Ratio Lower Upper

138 100

108 12.4 10.1 15.1

92 114.7 96.4 144.6





#54

2,4-Dinitrophenol

Concen: 8.800 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

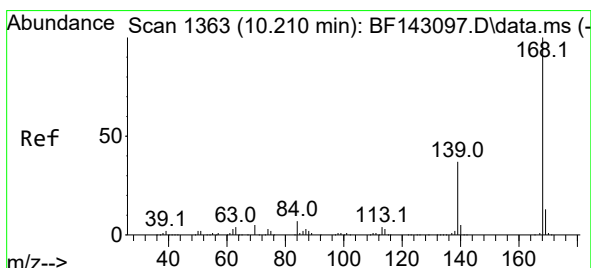
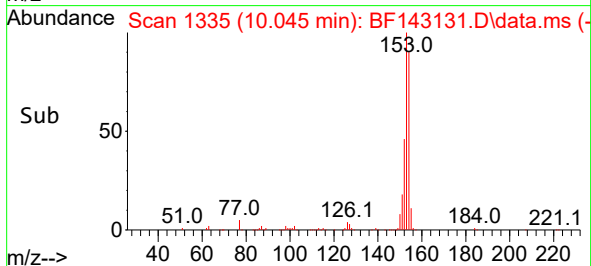
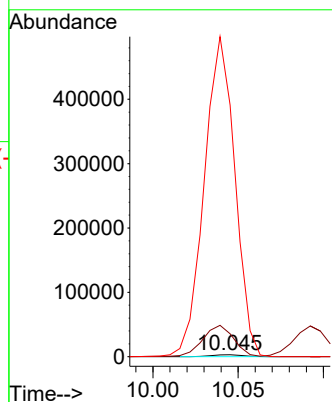
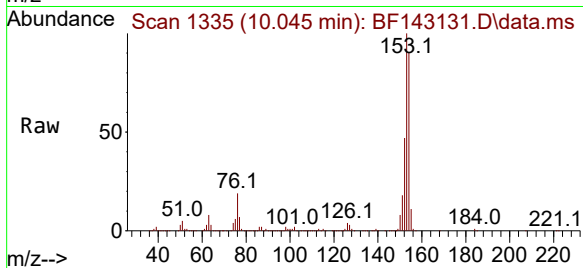
Tgt Ion:184 Resp: 3818

Ion Ratio Lower Upper

184 100

63 1195.6 149.3 223.9#

154 13117.7 1048.0 1572.0#



#55

Dibenzofuran

Concen: 40.449 ng

RT: 10.210 min Scan# 1363

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

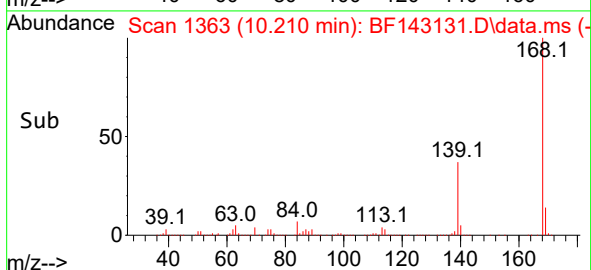
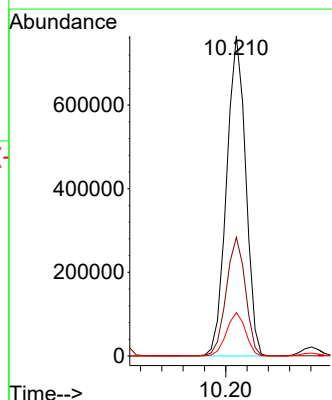
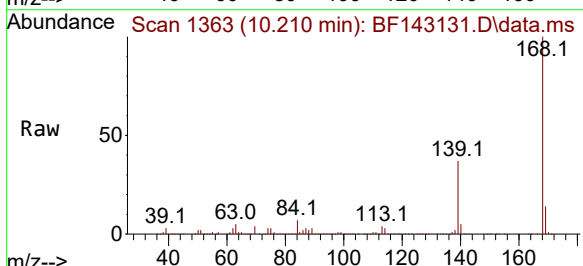
Tgt Ion:168 Resp: 954263

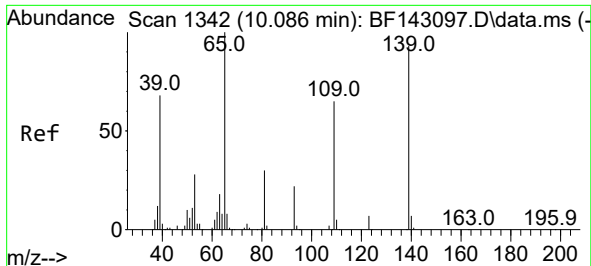
Ion Ratio Lower Upper

168 100

139 37.1 29.8 44.6

169 13.6 10.8 16.2

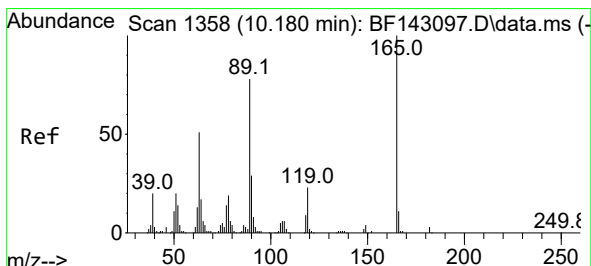
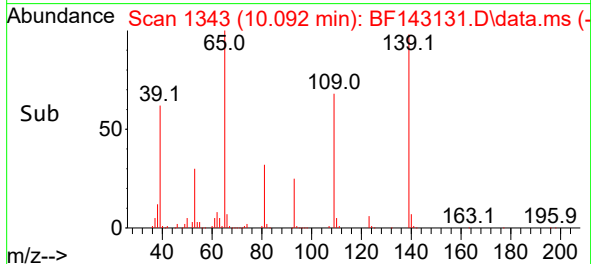
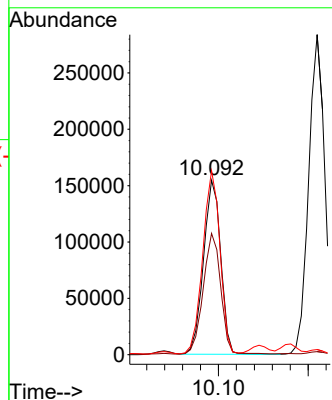
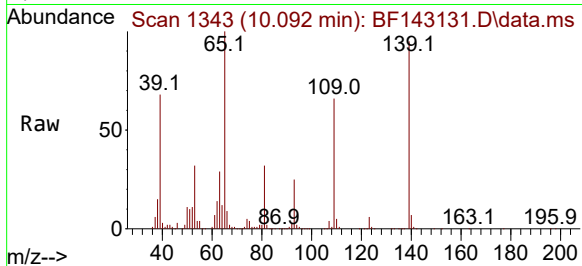




#56
4-Nitrophenol
Concen: 69.375 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

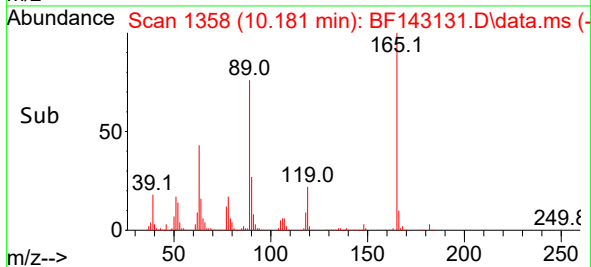
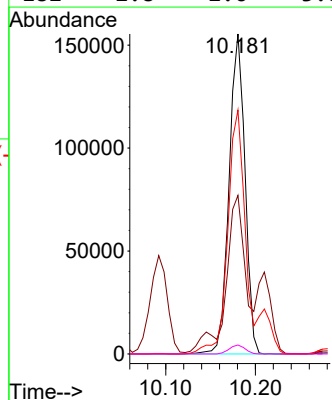
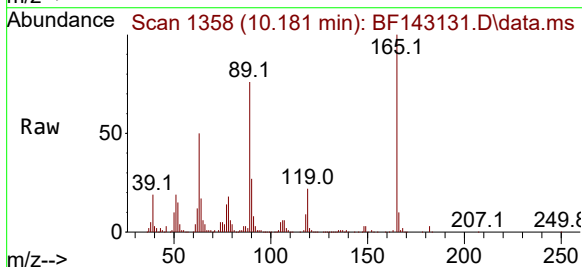
Instrument :
BNA_F
ClientSampleId :
TP-17MS

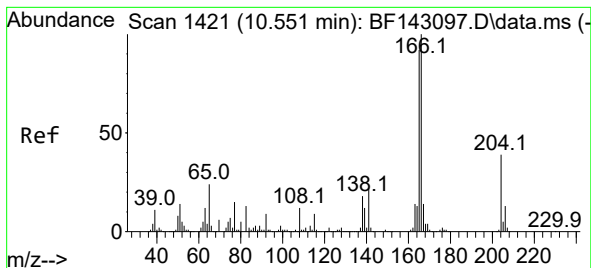
Tgt Ion:139 Resp: 205928
Ion Ratio Lower Upper
139 100
109 69.5 49.4 89.4
65 105.5 88.2 128.2



#57
2,4-Dinitrotoluene
Concen: 45.006 ng
RT: 10.181 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:165 Resp: 190989
Ion Ratio Lower Upper
165 100
63 49.6 40.6 61.0
89 76.2 62.3 93.5
182 2.8 2.6 3.8





#58

Fluorene

Concen: 39.512 ng

RT: 10.551 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

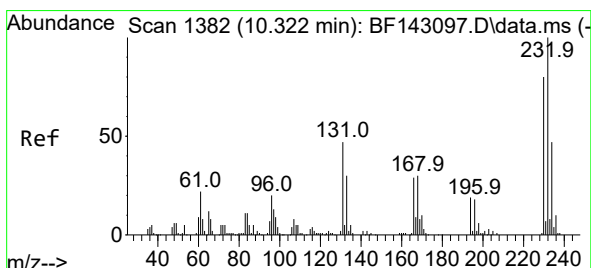
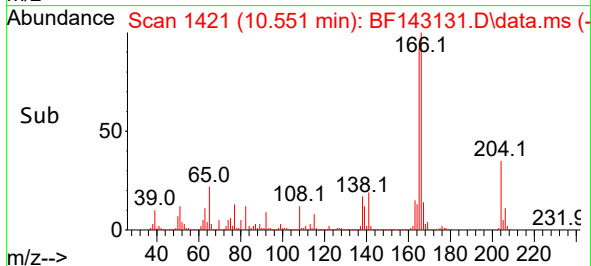
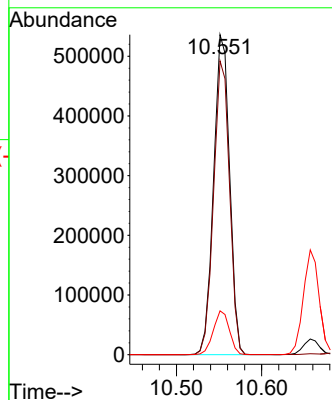
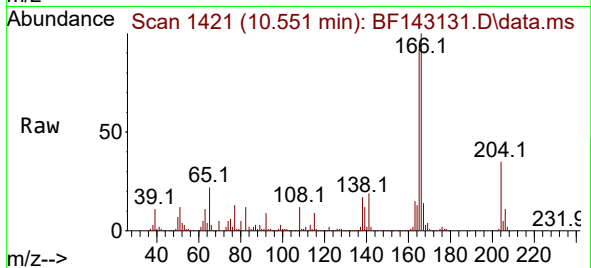
Tgt Ion:166 Resp: 698855

Ion Ratio Lower Upper

166 100

165 91.8 73.7 110.5

167 13.7 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 30.182 ng

RT: 10.322 min Scan# 1382

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Tgt Ion:232 Resp: 125120

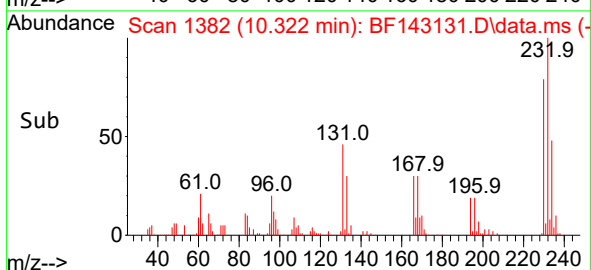
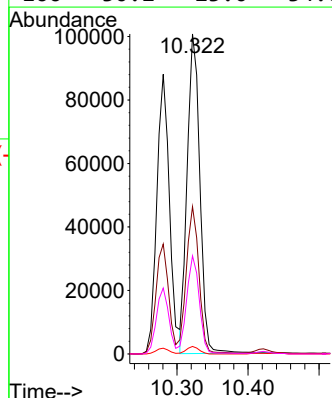
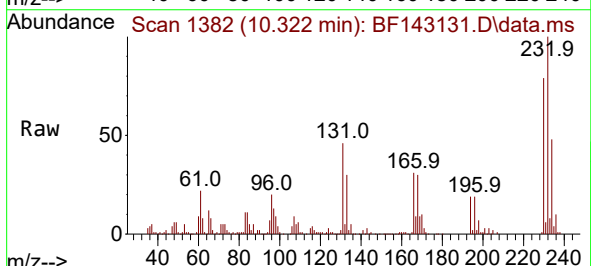
Ion Ratio Lower Upper

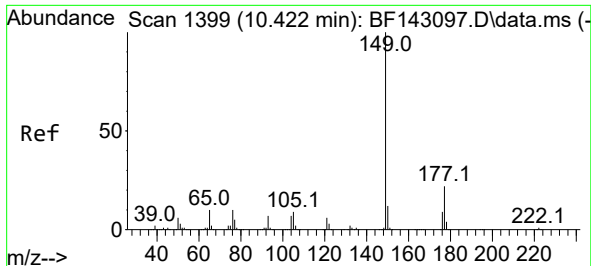
232 100

131 46.1 36.9 55.3

130 2.3 1.8 2.8

166 30.2 23.0 34.6

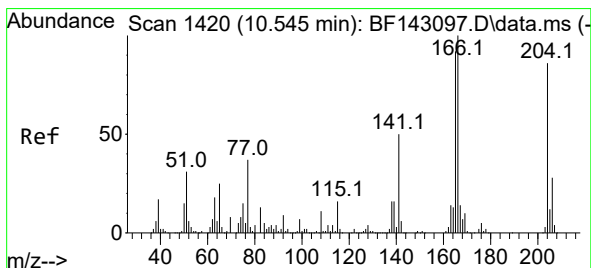
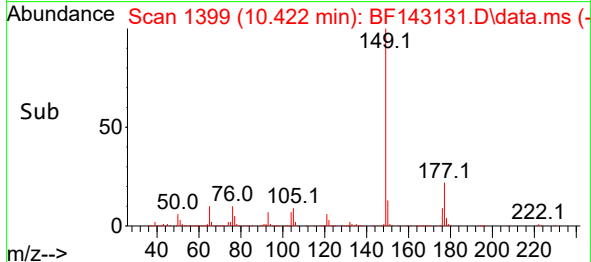
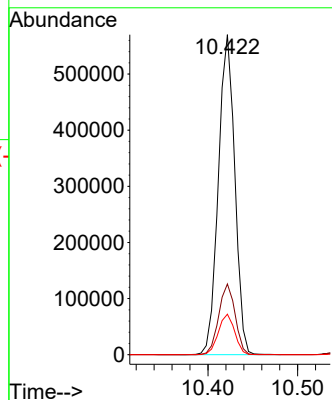
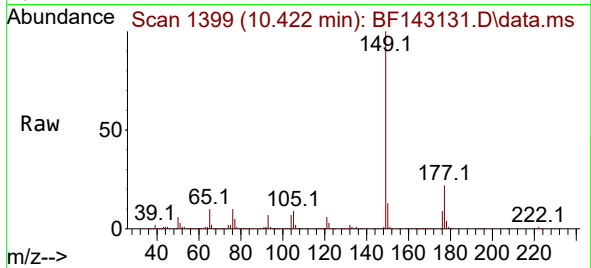




#60
Diethylphthalate
Concen: 43.562 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

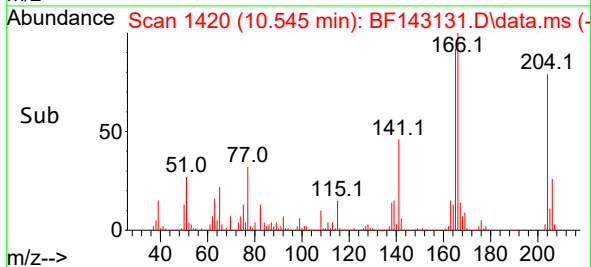
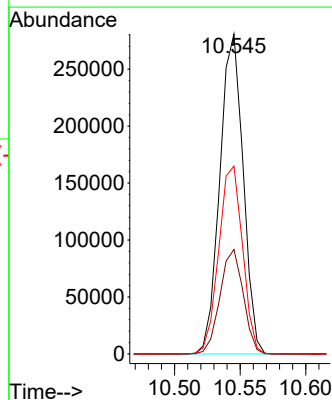
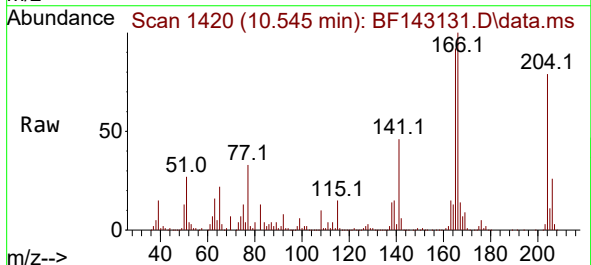
Instrument :
BNA_F
ClientSampleId :
TP-17MS

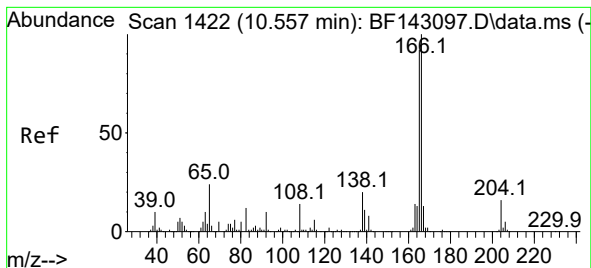
Tgt Ion:149 Resp: 726438
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 12.7 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 40.891 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:204 Resp: 346653
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 58.7 46.8 70.2

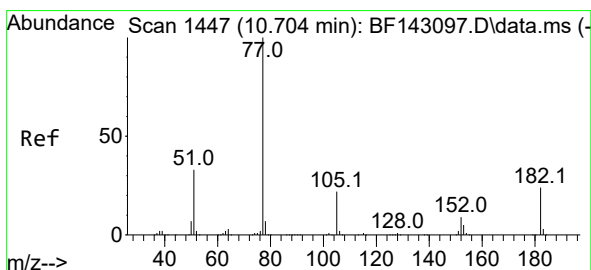
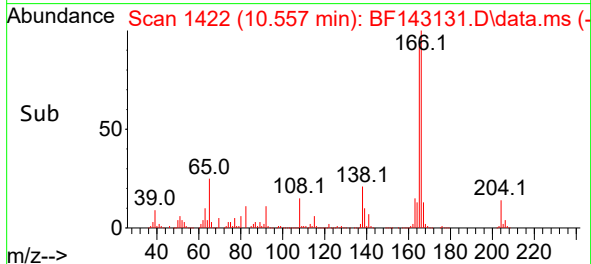
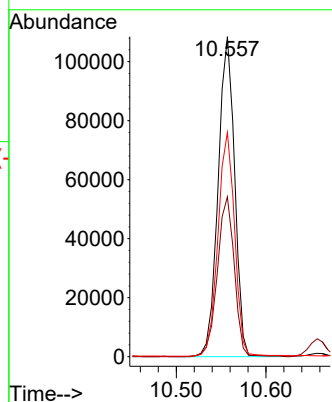
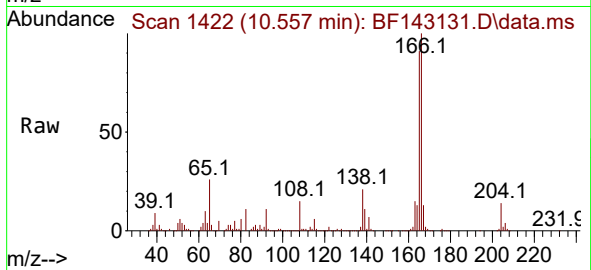




#62
4-Nitroaniline
Concen: 42.763 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

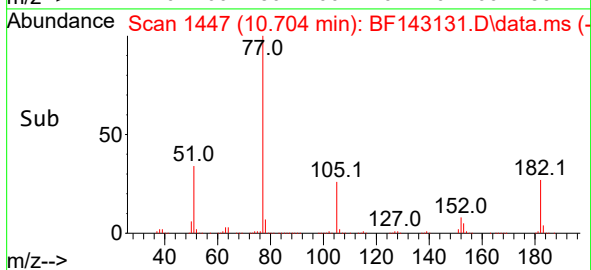
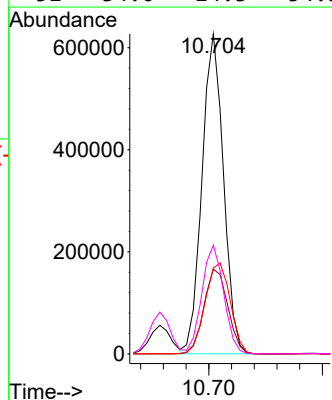
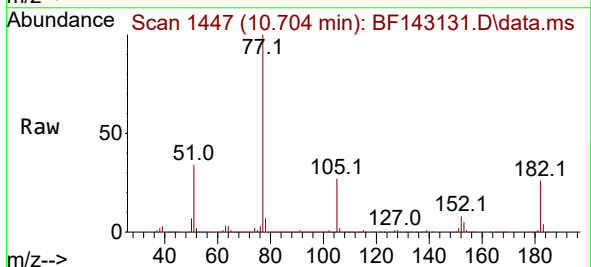
Instrument :
BNA_F
ClientSampleId :
TP-17MS

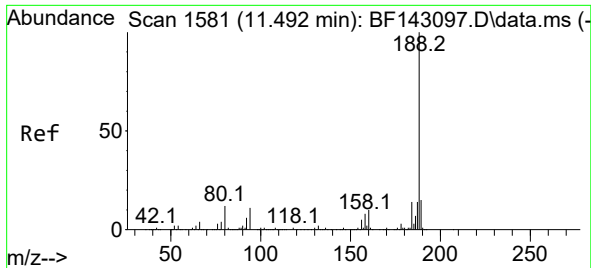
Tgt Ion:138 Resp: 138893
Ion Ratio Lower Upper
138 100
92 50.0 30.4 70.4
108 70.1 49.5 89.5



#63
Azobenzene
Concen: 44.607 ng
RT: 10.704 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion: 77 Resp: 822670
Ion Ratio Lower Upper
77 100
182 26.5 4.0 44.0
105 26.8 1.4 41.4
51 34.0 14.3 54.3

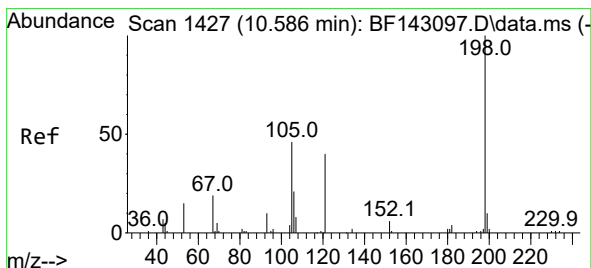
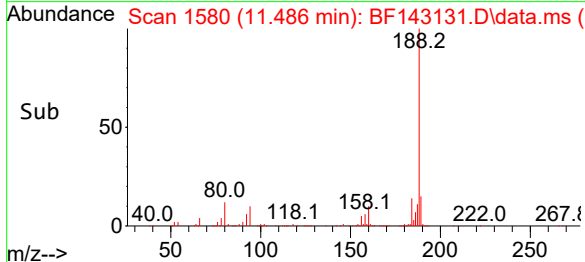
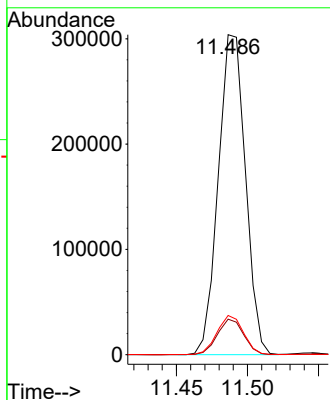
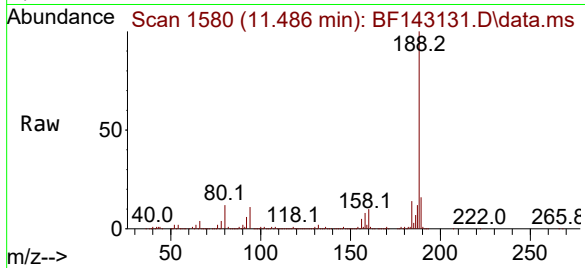




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

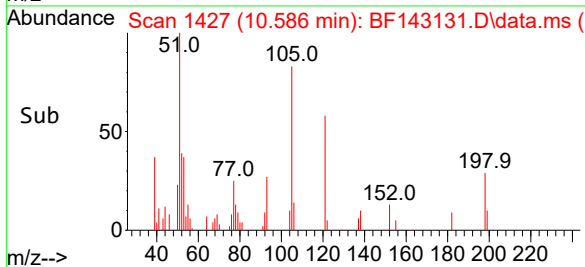
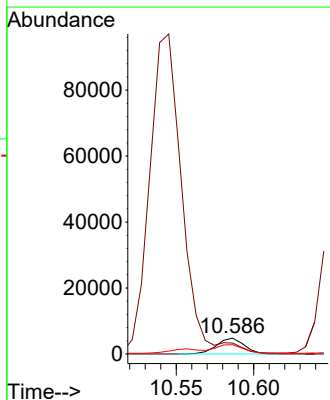
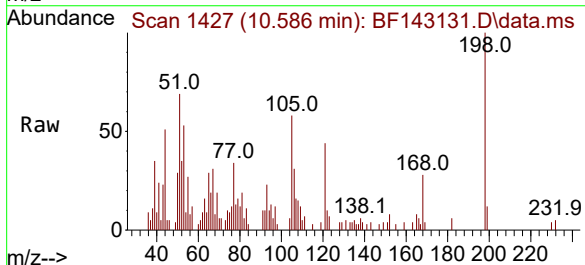
Instrument :
BNA_F
ClientSampleId :
TP-17MS

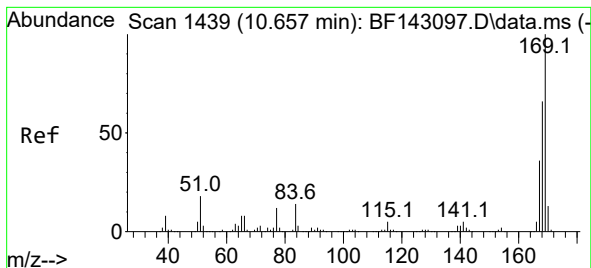
Tgt Ion:188 Resp: 404136
Ion Ratio Lower Upper
188 100
94 11.1 8.6 13.0
80 12.3 9.3 13.9



#65
4,6-Dinitro-2-methylphenol
Concen: 9.550 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:198 Resp: 5912
Ion Ratio Lower Upper
198 100
51 68.8 44.6 84.6
105 58.2 29.3 69.3





#66

n-Nitrosodiphenylamine

Concen: 44.342 ng

RT: 10.657 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

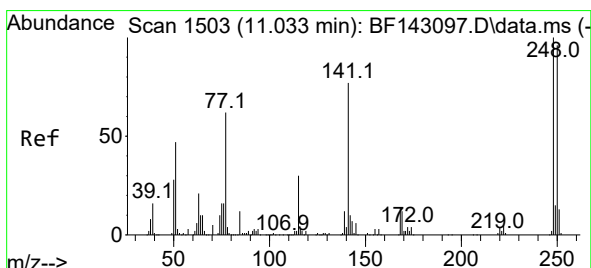
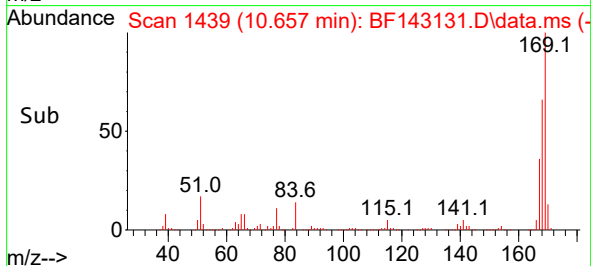
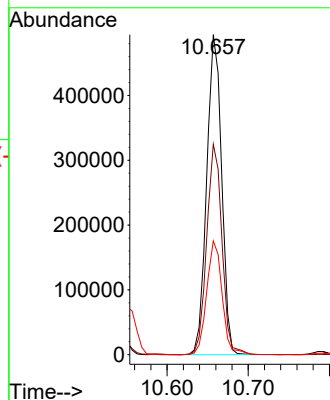
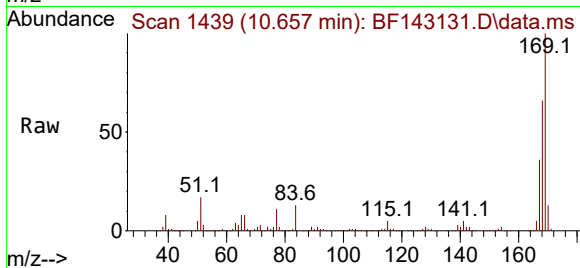
Tgt Ion:169 Resp: 629474

Ion Ratio Lower Upper

169 100

168 65.8 53.0 79.6

167 35.6 28.4 42.6



#67

4-Bromophenyl-phenylether

Concen: 44.257 ng

RT: 11.033 min Scan# 1503

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

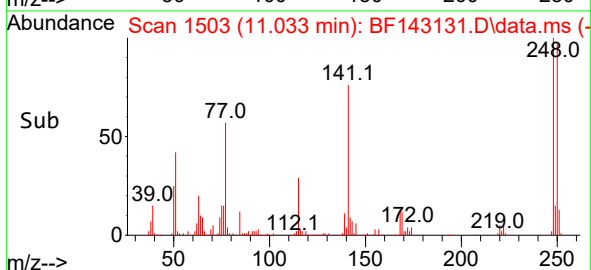
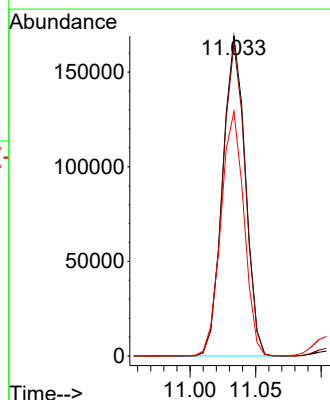
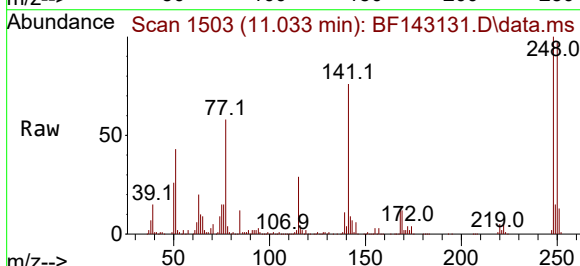
Tgt Ion:248 Resp: 203399

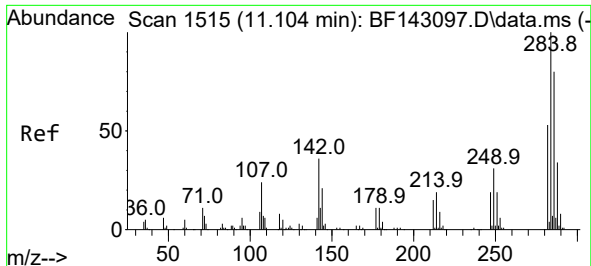
Ion Ratio Lower Upper

248 100

250 97.4 76.7 115.1

141 76.4 61.7 92.5

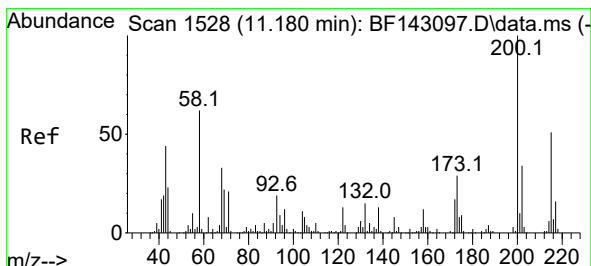
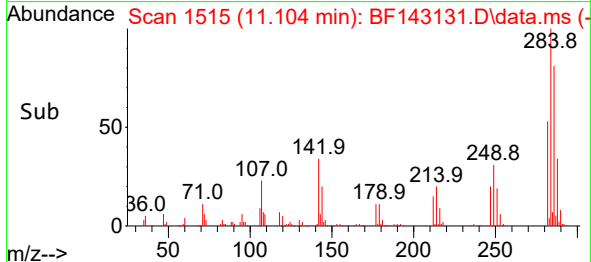
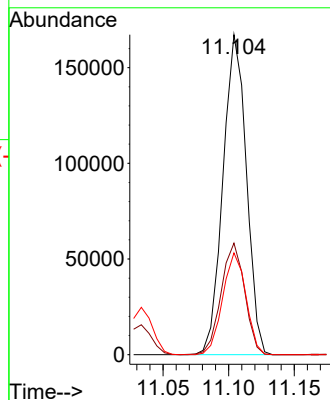
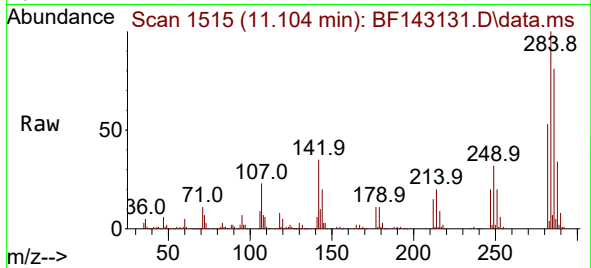




#68
Hexachlorobenzene
Concen: 42.555 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

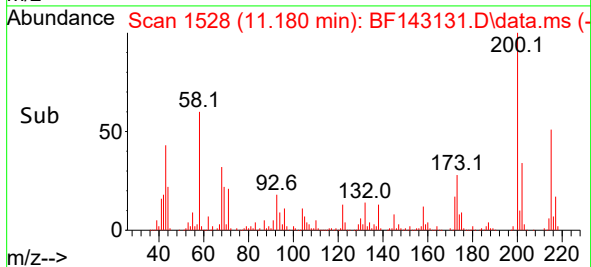
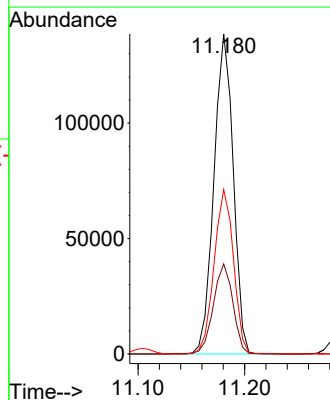
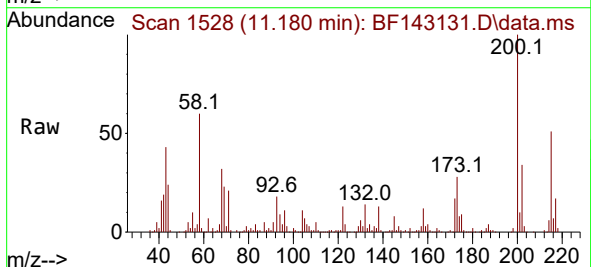
Instrument :
BNA_F
ClientSampleId :
TP-17MS

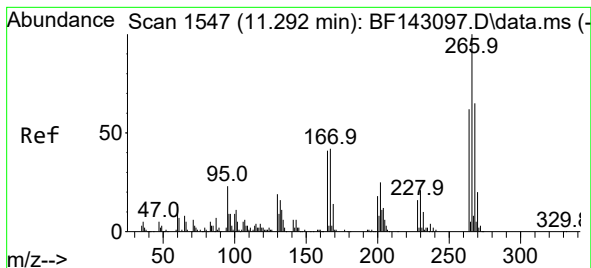
Tgt Ion:284 Resp: 207516
Ion Ratio Lower Upper
284 100
142 34.8 28.9 43.3
249 31.8 24.6 37.0



#69
Atrazine
Concen: 47.957 ng
RT: 11.180 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:200 Resp: 174175
Ion Ratio Lower Upper
200 100
173 28.2 9.1 49.1
215 51.3 31.0 71.0





#70

Pentachlorophenol

Concen: 23.592 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

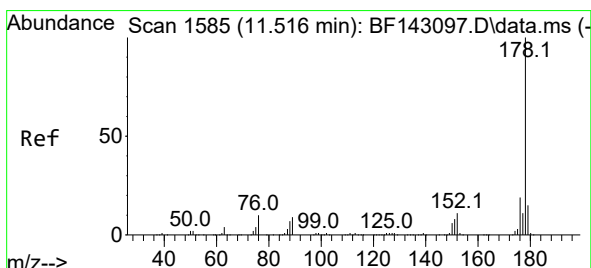
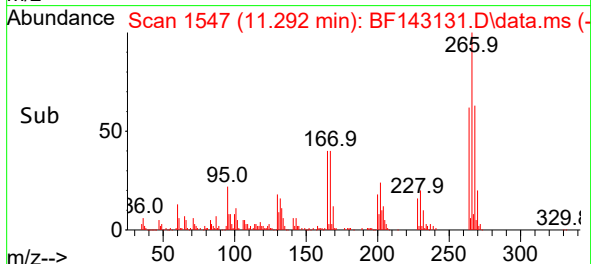
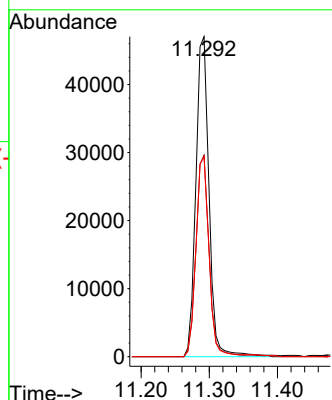
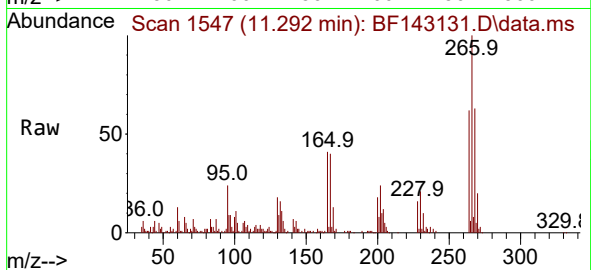
Tgt Ion:266 Resp: 63118

Ion Ratio Lower Upper

266 100

268 62.9 51.8 77.6

264 62.4 49.7 74.5



#71

Phenanthrene

Concen: 40.499 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

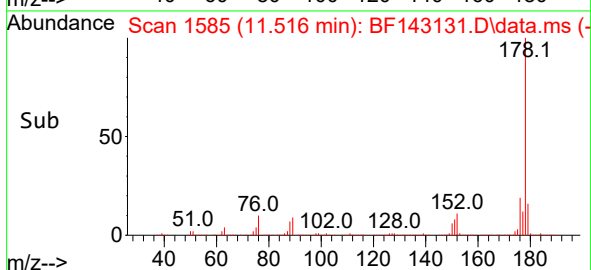
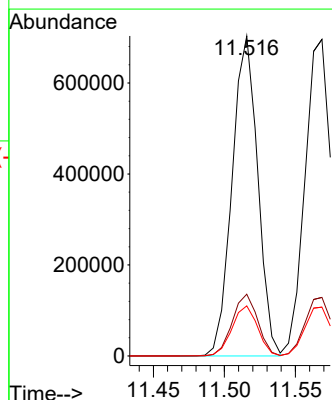
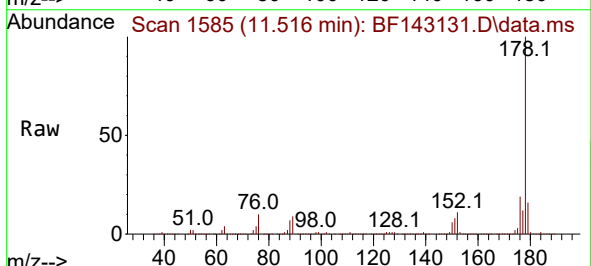
Tgt Ion:178 Resp: 883304

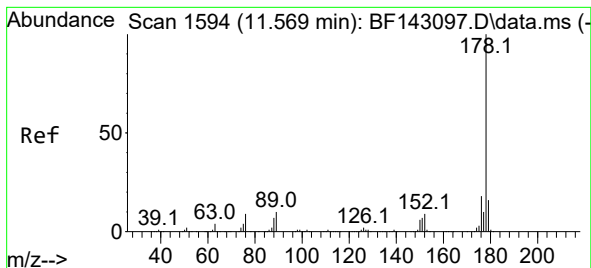
Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.7 12.2 18.4





#72

Anthracene

Concen: 41.101 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

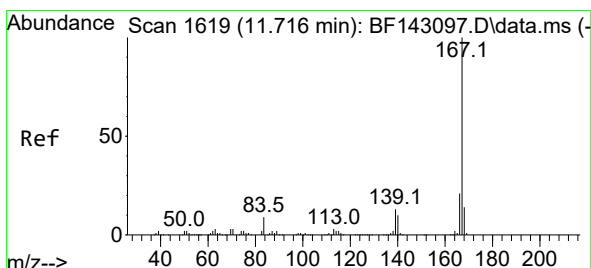
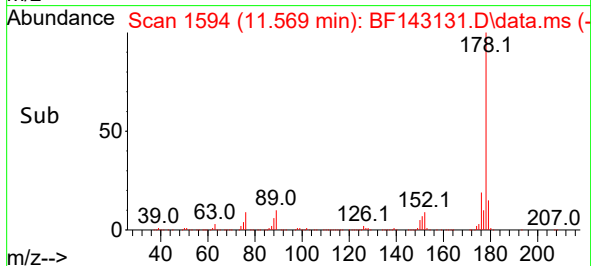
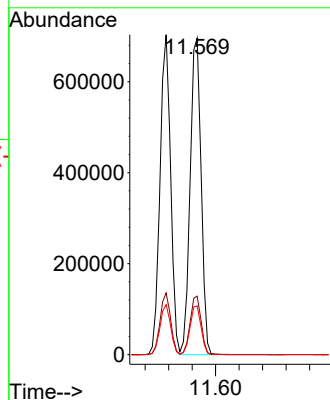
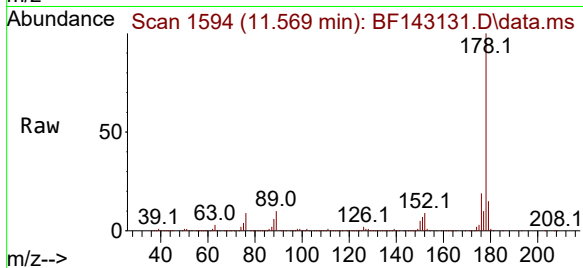
Tgt Ion:178 Resp: 901465

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.4 12.4 18.6



#73

Carbazole

Concen: 40.796 ng

RT: 11.716 min Scan# 1619

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

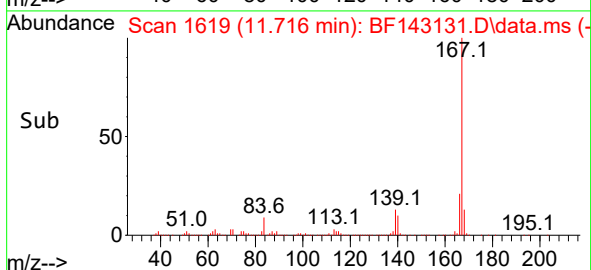
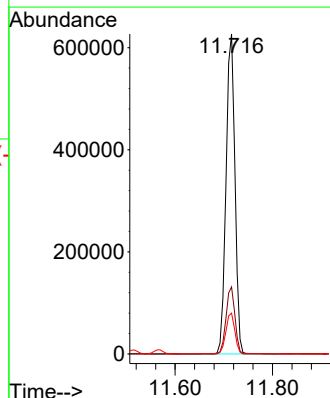
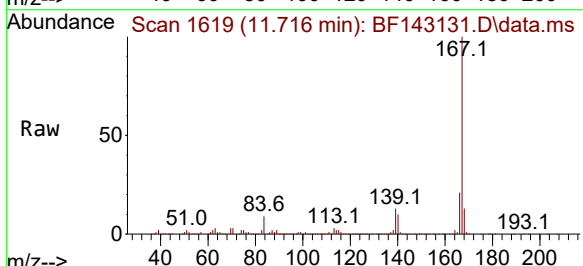
Tgt Ion:167 Resp: 801614

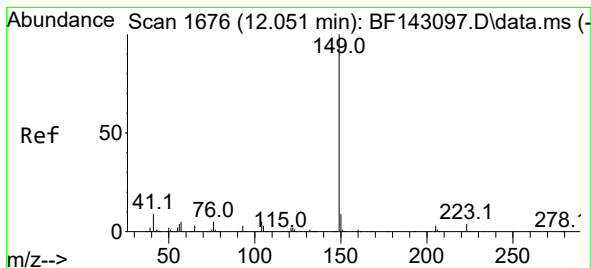
Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.4

139 12.8 10.2 15.4





#74

Di-n-butylphthalate

Concen: 49.250 ng

RT: 12.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

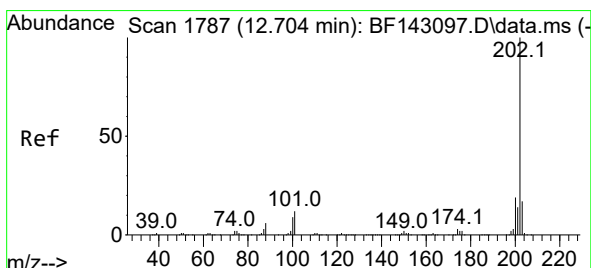
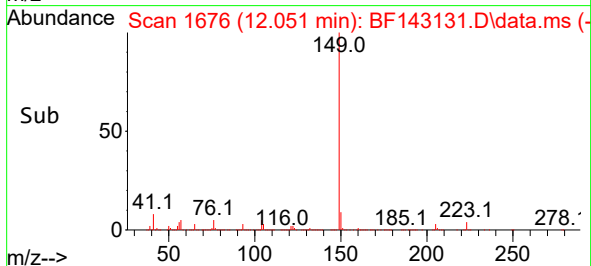
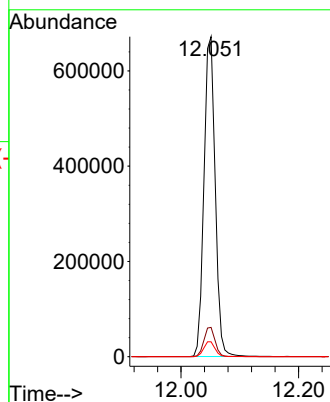
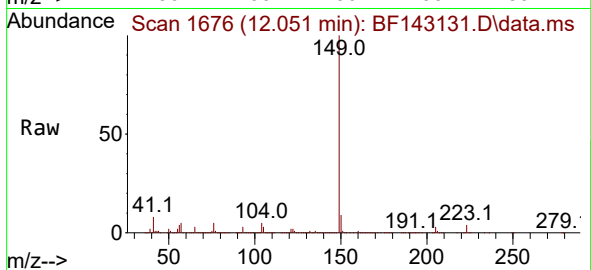
Tgt Ion:149 Resp: 888295

Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.7 3.8 5.8



#75

Fluoranthene

Concen: 40.906 ng

RT: 12.704 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

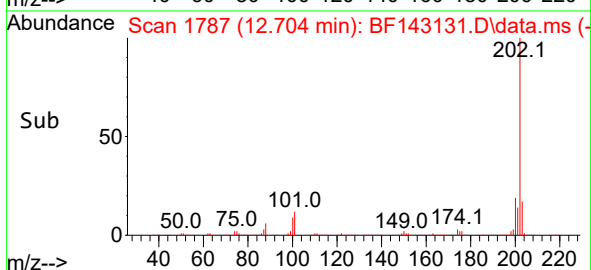
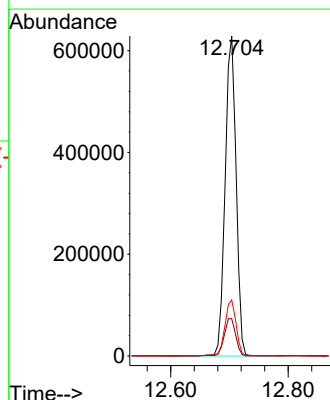
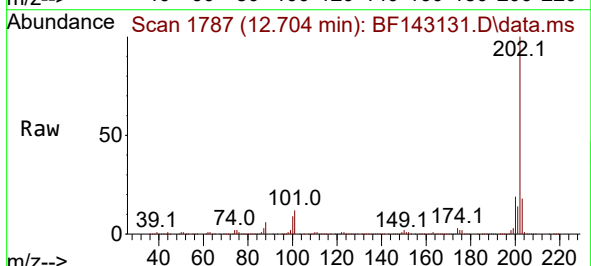
Tgt Ion:202 Resp: 811244

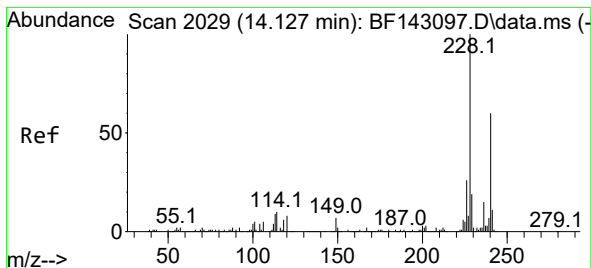
Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.4

203 17.5 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

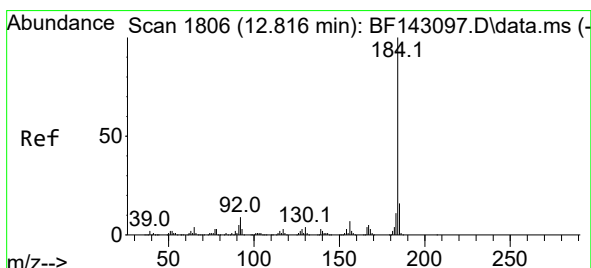
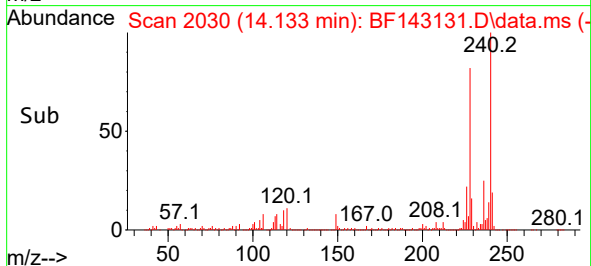
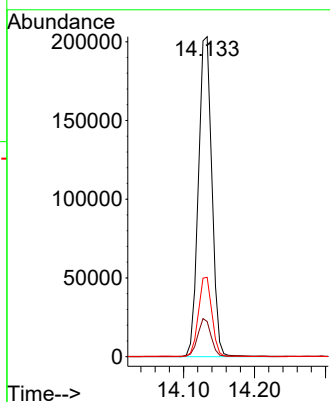
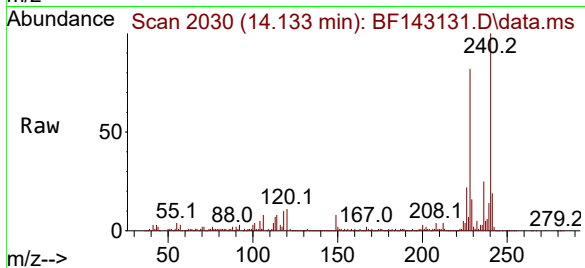
Tgt Ion:240 Resp: 268901

Ion Ratio Lower Upper

240 100

120 11.0 10.0 15.0

236 24.8 20.0 30.0



#77

Benzidine

Concen: 21.746 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

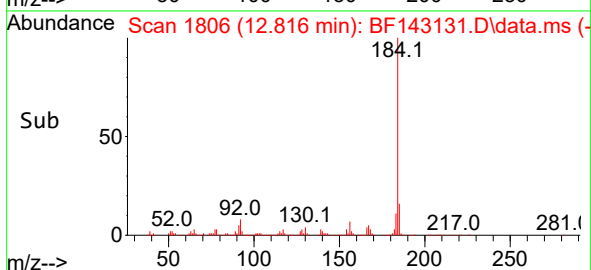
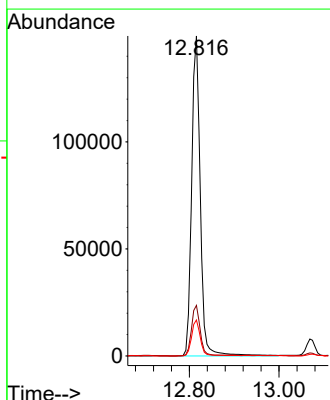
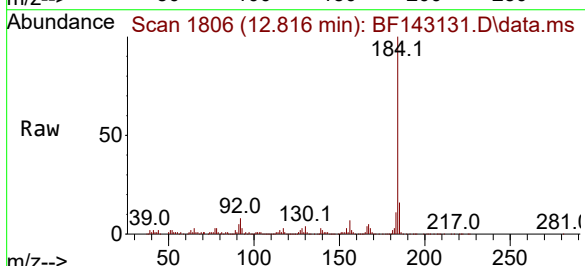
Tgt Ion:184 Resp: 199220

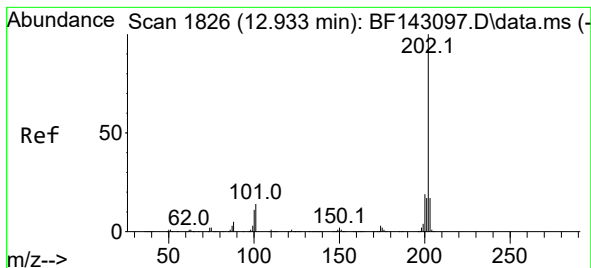
Ion Ratio Lower Upper

184 100

185 15.8 12.4 18.6

183 11.2 8.6 12.8





#78

Pyrene

Concen: 32.805 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

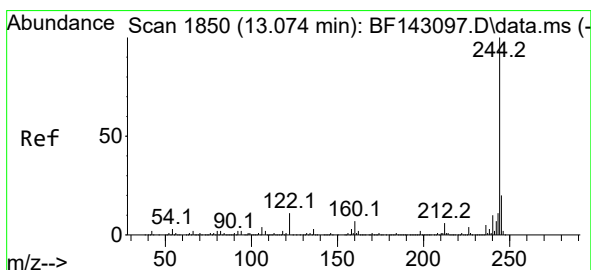
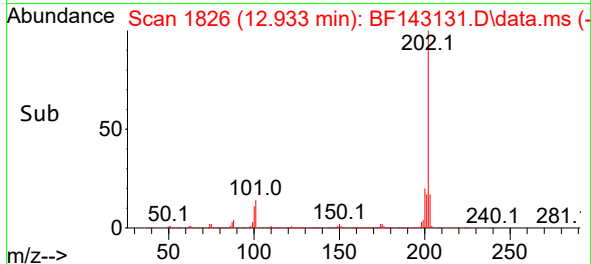
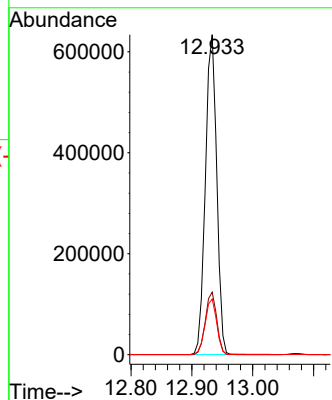
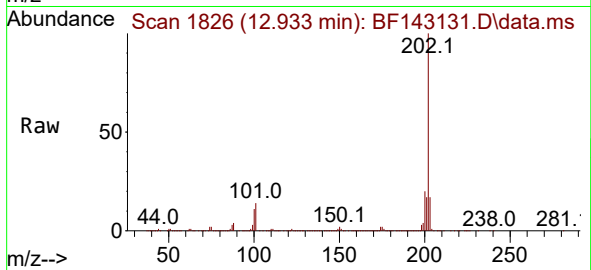
Tgt Ion:202 Resp: 818482

Ion Ratio Lower Upper

202 100

200 19.6 15.5 23.3

203 17.4 14.0 21.0



#79

Terphenyl-d14

Concen: 42.027 ng

RT: 13.069 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

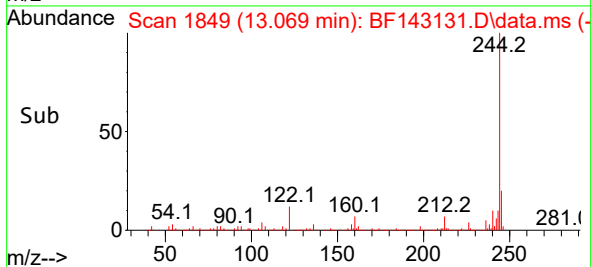
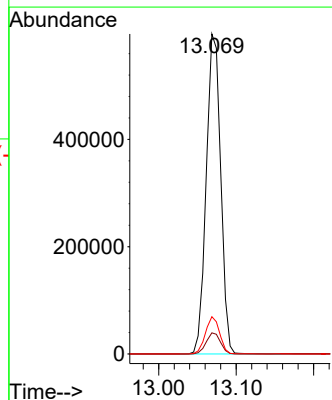
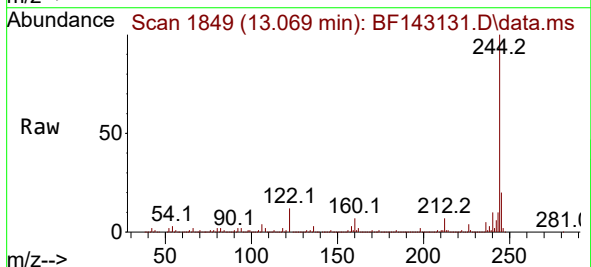
Tgt Ion:244 Resp: 773093

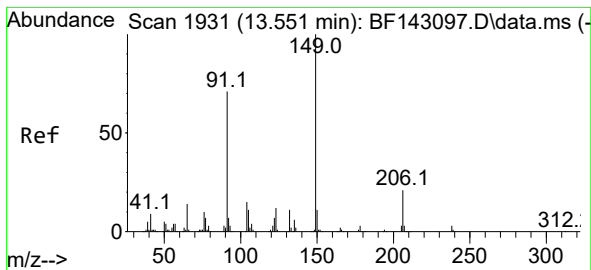
Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 11.6 8.8 13.2





#80

Butylbenzylphthalate

Concen: 47.168 ng

RT: 13.545 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

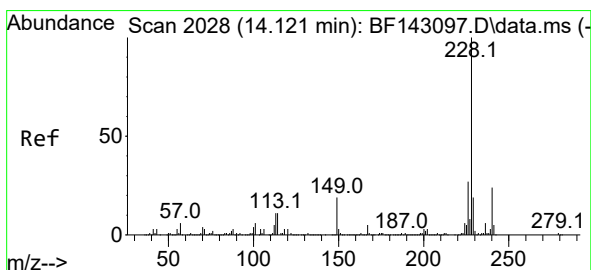
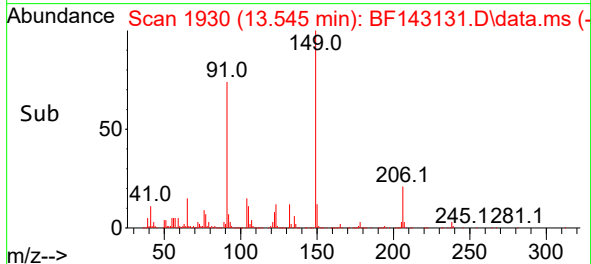
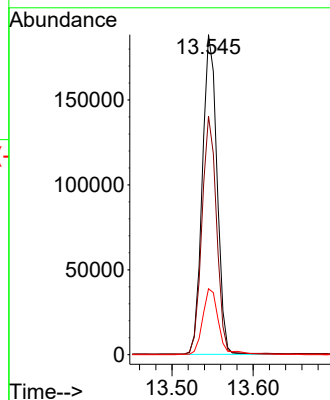
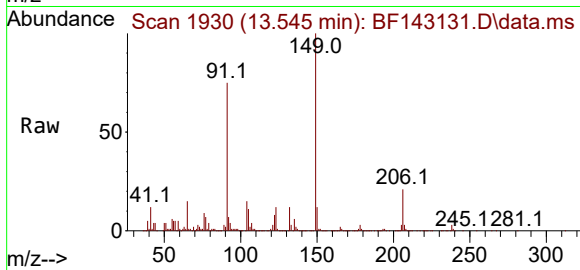
Tgt Ion:149 Resp: 236112

Ion Ratio Lower Upper

149 100

91 74.6 57.0 85.4

206 20.6 17.2 25.8



#81

Benzo(a)anthracene

Concen: 42.813 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

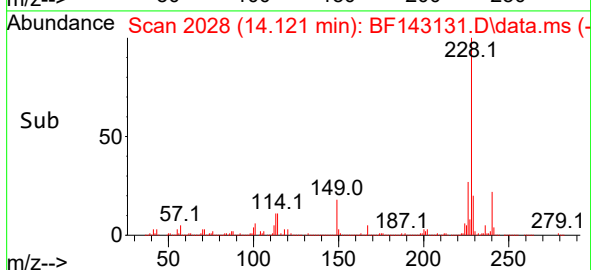
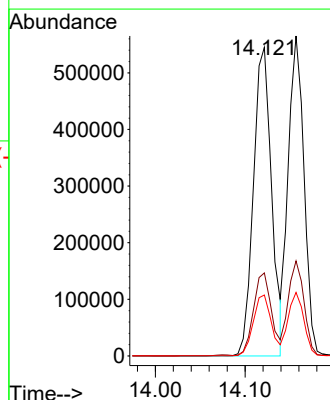
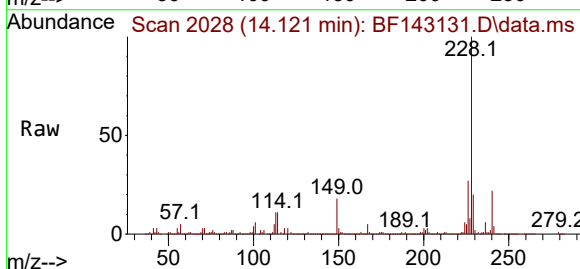
Tgt Ion:228 Resp: 767144

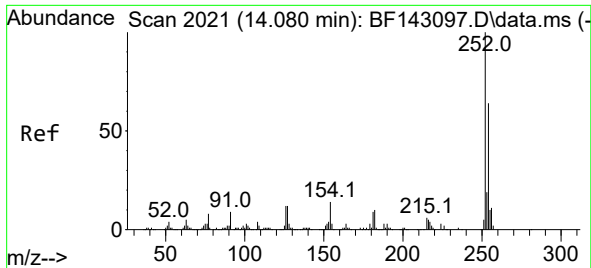
Ion Ratio Lower Upper

228 100

226 26.9 21.3 31.9

229 19.8 15.5 23.3

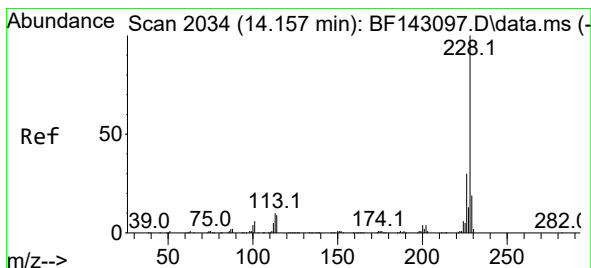
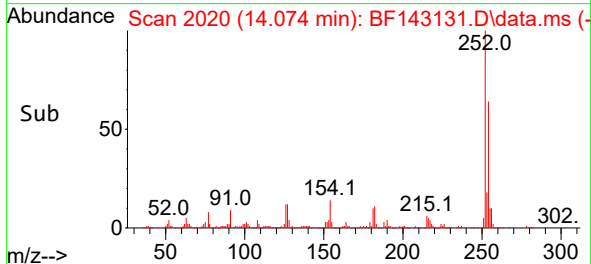
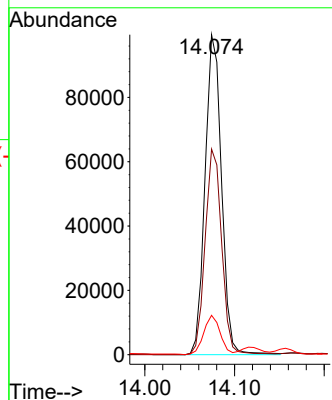
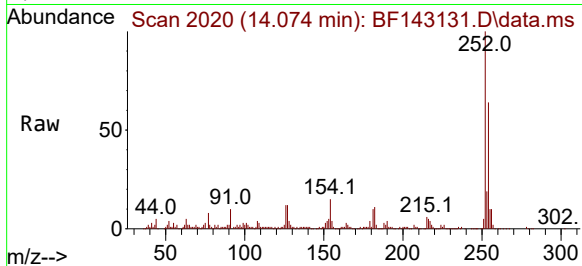




#82
 3,3'-Dichlorobenzidine
 Concen: 24.430 ng
 RT: 14.074 min Scan# 2020
 Delta R.T. -0.006 min
 Lab File: BF143131.D
 Acq: 17 Jul 2025 02:34

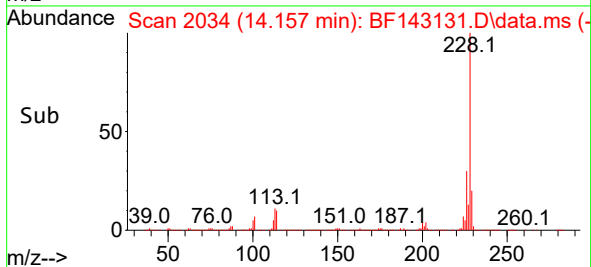
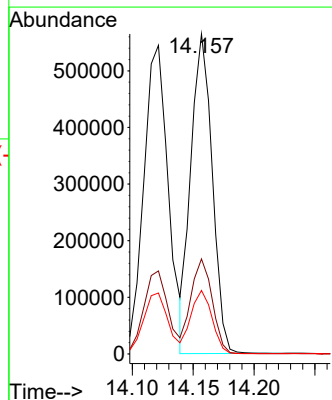
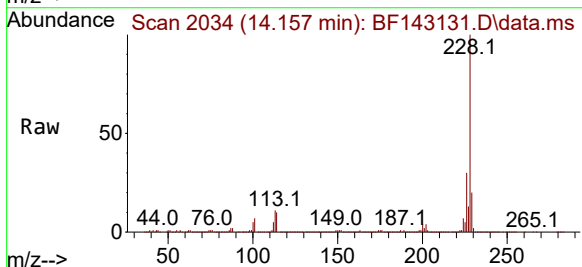
Instrument :
 BNA_F
 ClientSampleId :
 TP-17MS

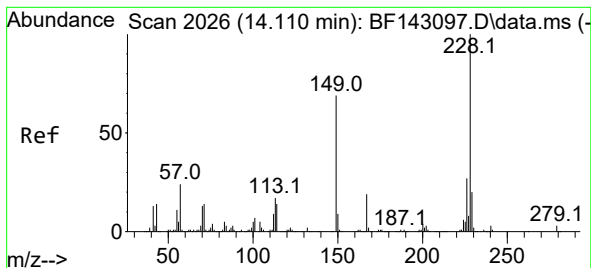
Tgt Ion:252 Resp: 127120
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 12.3 9.4 14.0



#83
 Chrysene
 Concen: 41.678 ng
 RT: 14.157 min Scan# 2034
 Delta R.T. 0.000 min
 Lab File: BF143131.D
 Acq: 17 Jul 2025 02:34

Tgt Ion:228 Resp: 687824
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.4 35.2
 229 19.8 15.3 22.9

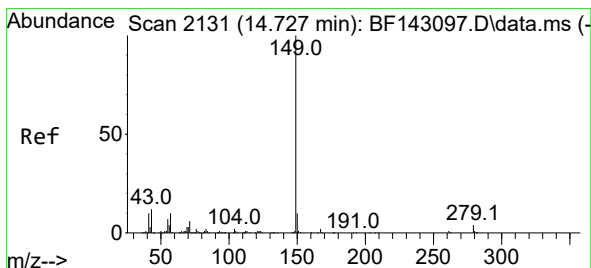
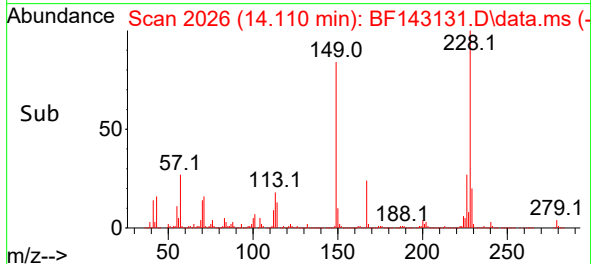
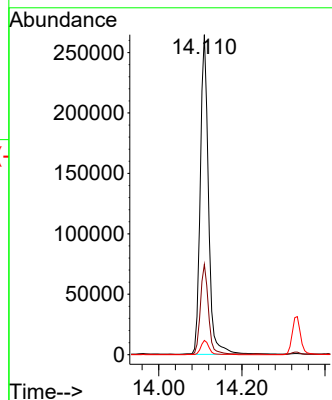
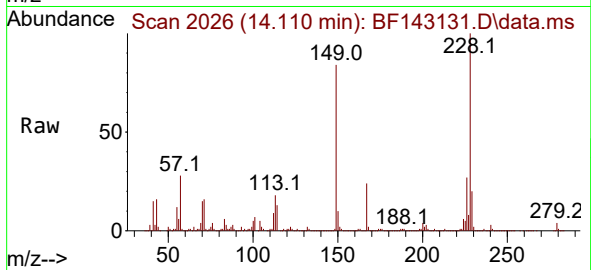




#84
Bis(2-ethylhexyl)phthalate
Concen: 48.051 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

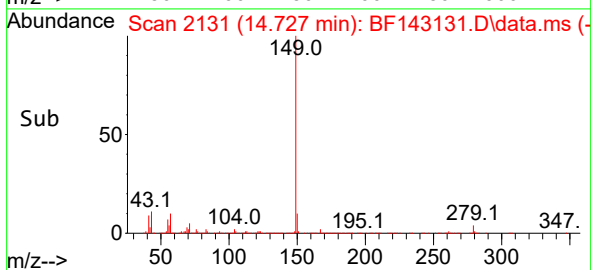
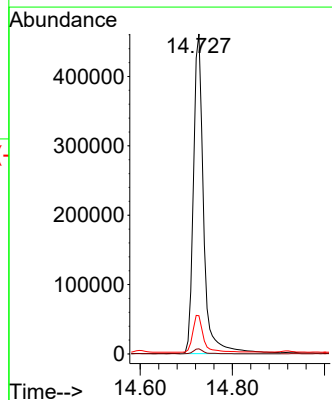
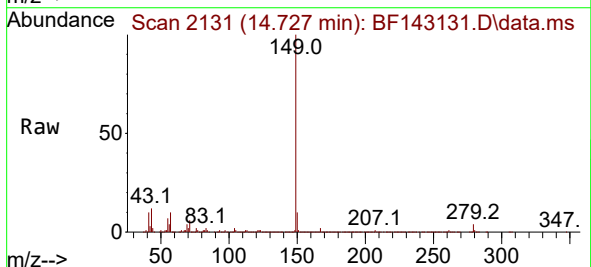
Instrument :
BNA_F
ClientSampleId :
TP-17MS

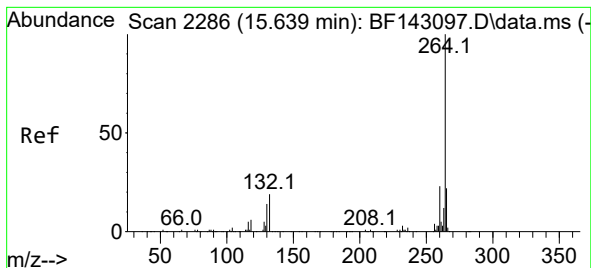
Tgt Ion:149 Resp: 363289
Ion Ratio Lower Upper
149 100
167 28.2 21.9 32.9
279 4.5 3.4 5.0



#85
Di-n-octyl phthalate
Concen: 49.122 ng
RT: 14.727 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF143131.D
Acq: 17 Jul 2025 02:34

Tgt Ion:149 Resp: 705195
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.0 10.6 16.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

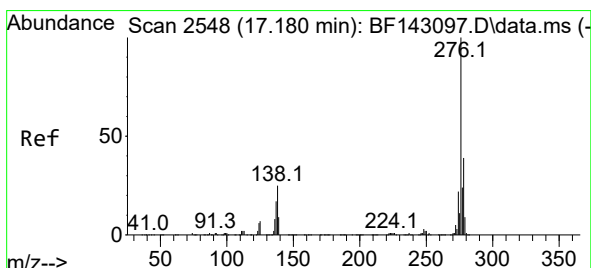
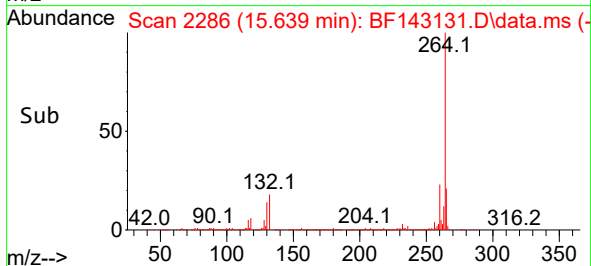
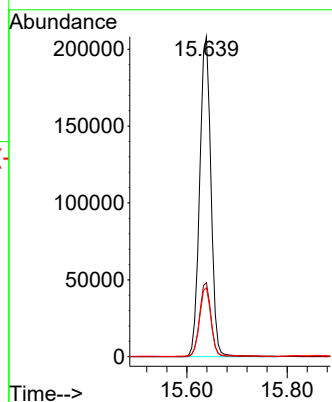
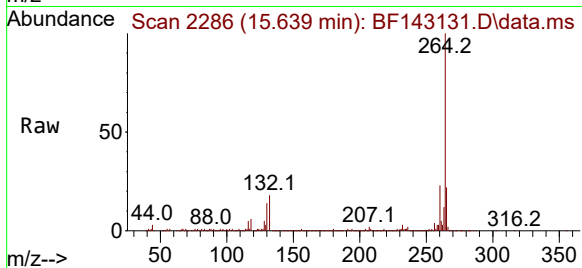
Tgt Ion:264 Resp: 324370

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.5 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 34.728 ng

RT: 17.180 min Scan# 2548

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

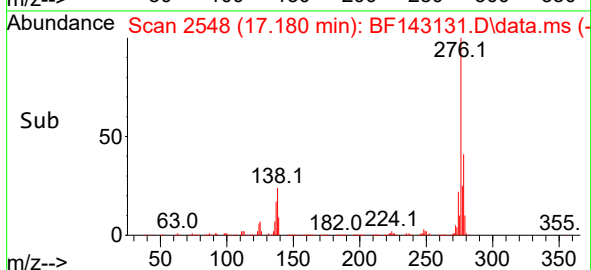
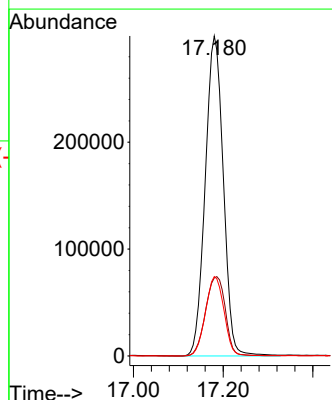
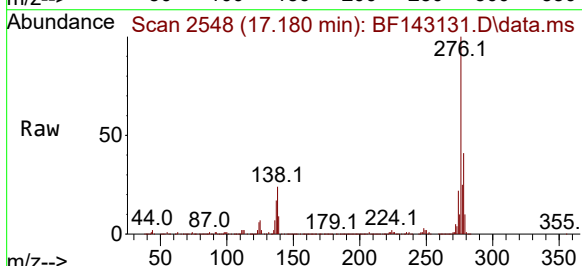
Tgt Ion:276 Resp: 837824

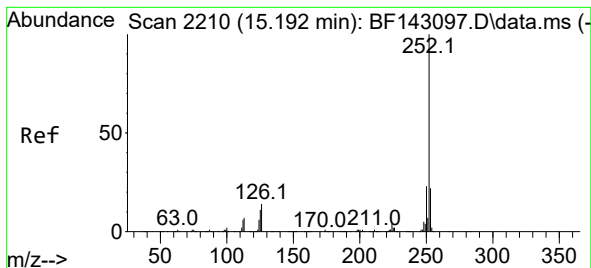
Ion Ratio Lower Upper

276 100

138 27.1 22.6 34.0

277 25.5 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 47.198 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

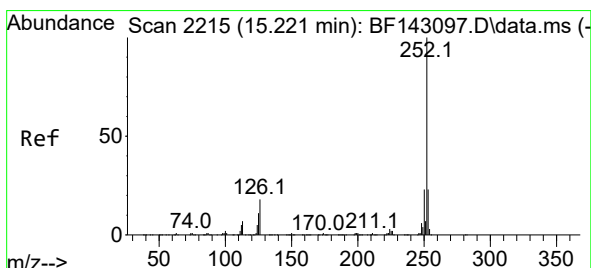
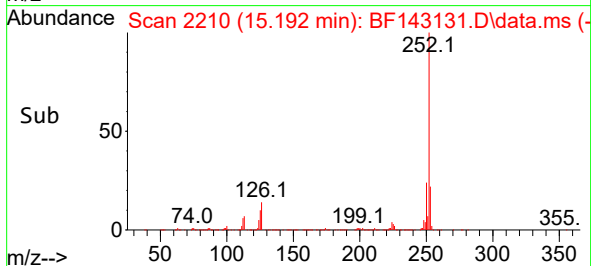
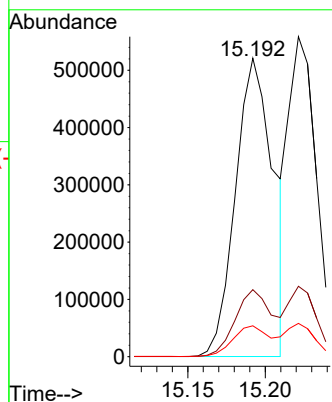
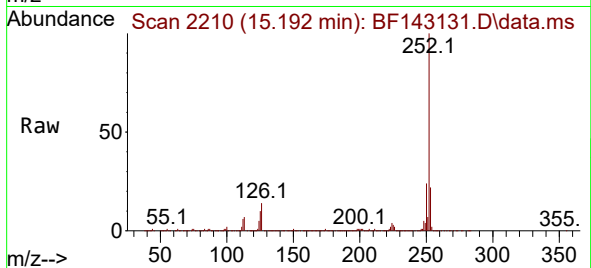
Tgt Ion:252 Resp: 883083

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 10.3 8.6 13.0



#89

Benzo(k)fluoranthene

Concen: 39.064 ng

RT: 15.221 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

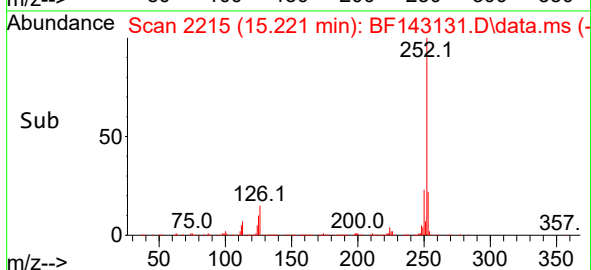
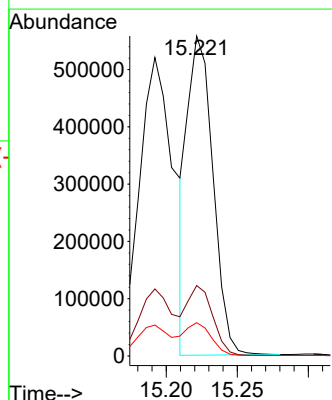
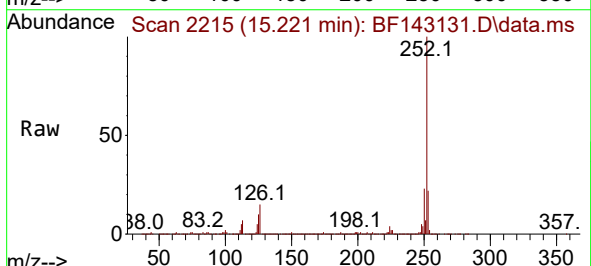
Tgt Ion:252 Resp: 697281

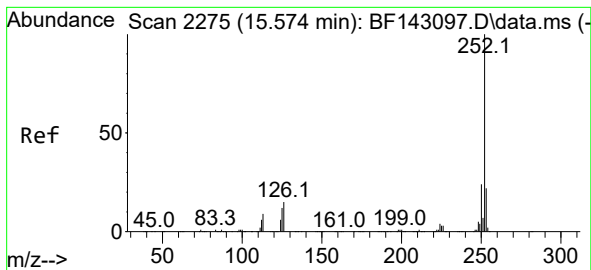
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 10.4 8.5 12.7





#90

Benzo(a)pyrene

Concen: 44.118 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

Instrument :

BNA_F

ClientSampleId :

TP-17MS

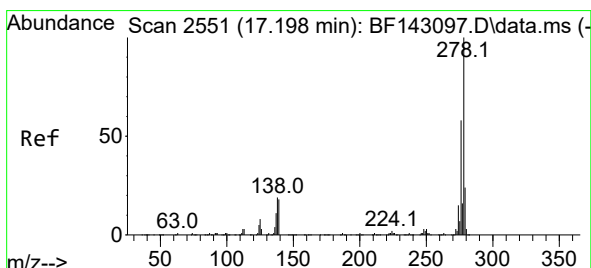
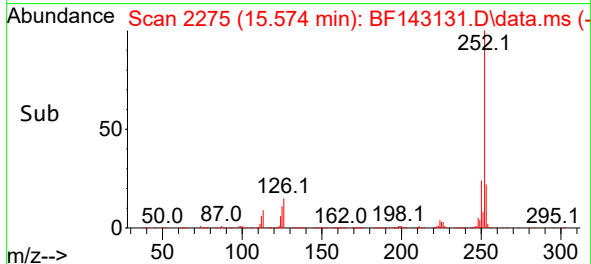
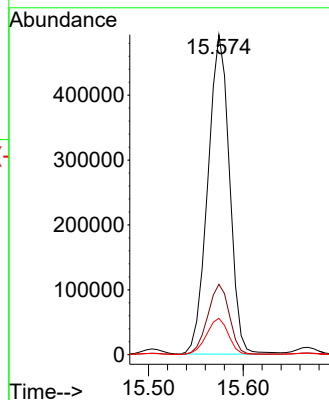
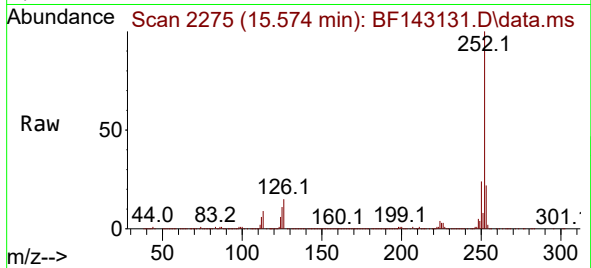
Tgt Ion:252 Resp: 780700

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 11.3 9.4 14.0



#91

Dibenzo(a,h)anthracene

Concen: 34.307 ng

RT: 17.198 min Scan# 2551

Delta R.T. 0.000 min

Lab File: BF143131.D

Acq: 17 Jul 2025 02:34

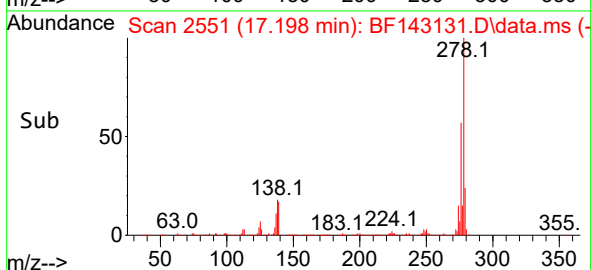
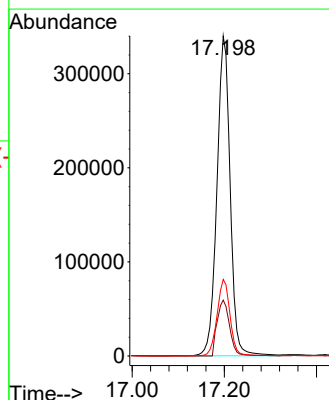
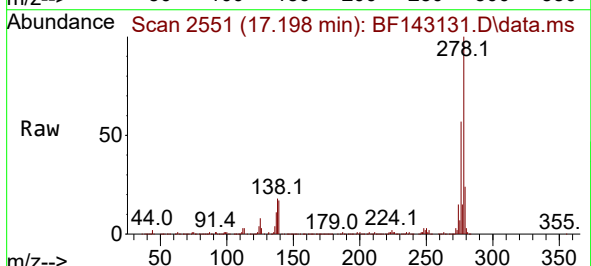
Tgt Ion:278 Resp: 676587

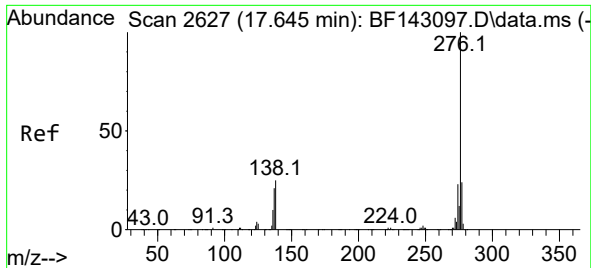
Ion Ratio Lower Upper

278 100

139 17.4 14.6 22.0

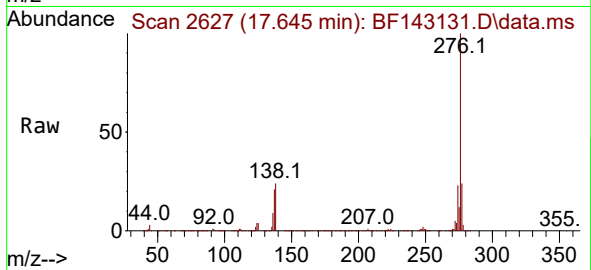
279 23.9 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 32.139 ng
 RT: 17.645 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF143131.D
 Acq: 17 Jul 2025 02:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-17MS



Tgt Ion:276 Resp: 646206
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.2 28.8
 138 23.9 19.8 29.6

