

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
 Data File : BF143101.D
 Acq On : 15 Jul 2025 17:27
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071525

Quant Time: Jul 15 17:54:55 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	130235	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	496378	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	248221	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	398969	20.000	ng	0.00
76) Chrysene-d12	14.133	240	215152	20.000	ng	0.00
86) Perylene-d12	15.639	264	235493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	649544	78.799	ng	0.00
7) Phenol-d6	6.587	99	814393	78.598	ng	0.00
23) Nitrobenzene-d5	7.528	82	726961	82.157	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	190277	85.971	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1290148	69.090	ng	0.00
79) Terphenyl-d14	13.074	244	1064372	72.317	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	156917	38.242	ng	99
3) Pyridine	3.581	79	426106	41.009	ng	99
4) n-Nitrosodimethylamine	3.522	42	223240	41.468	ng	98
6) Aniline	6.628	93	598787	41.038	ng	100
8) 2-Chlorophenol	6.751	128	351129	42.397	ng	99
9) Benzaldehyde	6.516	77	293033	37.115	ng	99
10) Phenol	6.598	94	494279	44.065	ng	99
11) bis(2-Chloroethyl)ether	6.698	93	354713	40.848	ng	99
12) 1,3-Dichlorobenzene	6.910	146	380756	40.694	ng	100
13) 1,4-Dichlorobenzene	6.987	146	381590	40.539	ng	100
14) 1,2-Dichlorobenzene	7.139	146	366082	40.782	ng	99
15) Benzyl Alcohol	7.098	79	325035	42.336	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	644651	40.273	ng	100
17) 2-Methylphenol	7.204	107	296835	41.532	ng	99
18) Hexachloroethane	7.486	117	132499	43.239	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	266499	41.982	ng	100
20) 3+4-Methylphenols	7.363	107	368618	42.057	ng	99
22) Acetophenone	7.375	105	482823	40.351	ng	99
24) Nitrobenzene	7.545	77	381374	44.647	ng	99
25) Isophorone	7.786	82	704424	41.188	ng	100
26) 2-Nitrophenol	7.863	139	150156	44.317	ng	100
27) 2,4-Dimethylphenol	7.892	122	333899	42.064	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	423022	40.789	ng	100
29) 2,4-Dichlorophenol	8.098	162	283011	43.580	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	303602	41.194	ng	99
31) Naphthalene	8.275	128	999363	40.543	ng	99
32) Benzoic acid	7.986	122	154256	40.223	ng	98
33) 4-Chloroaniline	8.310	127	408741	41.236	ng	99
34) Hexachlorobutadiene	8.392	225	182140	41.324	ng	99
35) Caprolactam	8.675	113	88286	43.536	ng	95
36) 4-Chloro-3-methylphenol	8.786	107	306624	42.387	ng	99
37) 2-Methylnaphthalene	8.963	142	597819	40.654	ng	100
38) 1-Methylnaphthalene	9.063	142	624130	40.922	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	293187	40.531	ng	99
41) Hexachlorocyclopentadiene	9.122	237	180819	45.086	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	197565	43.955	ng	98

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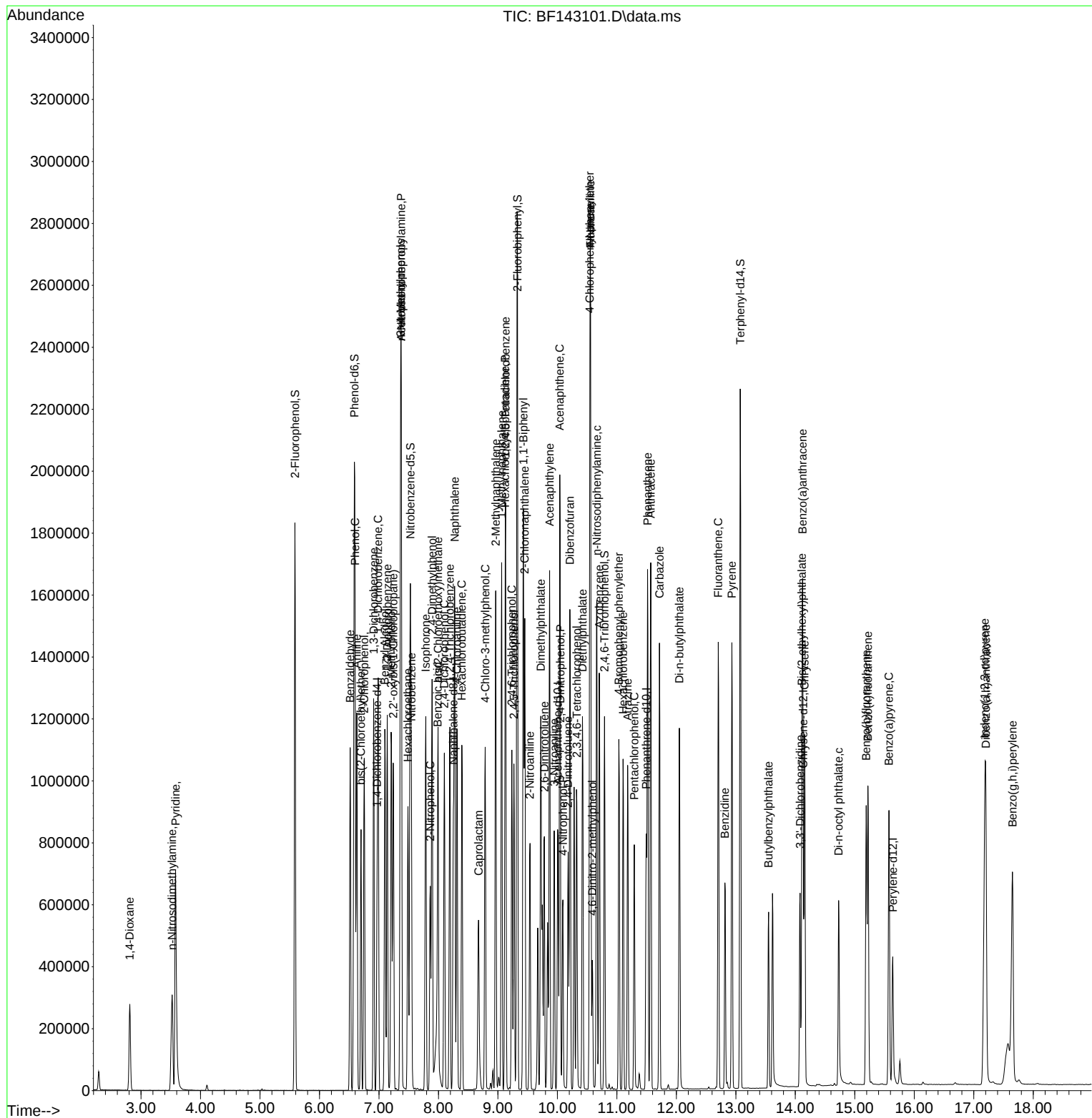
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	202658	43.001	ng	99
46) 1,1'-Biphenyl	9.428	154	799467	40.387	ng	100
47) 2-Chloronaphthalene	9.451	162	584687	40.207	ng	100
48) 2-Nitroaniline	9.539	65	185847	43.148	ng	96
49) Acenaphthylene	9.869	152	987106	40.736	ng	99
50) Dimethylphthalate	9.722	163	644618	41.279	ng	100
51) 2,6-Dinitrotoluene	9.780	165	132241	43.156	ng	92
52) Acenaphthene	10.039	154	571724	39.982	ng	99
53) 3-Nitroaniline	9.945	138	160978	47.707	ng	99
54) 2,4-Dinitrophenol	10.051	184	46465	47.113	ng	# 1
55) Dibenzofuran	10.210	168	858944	40.300	ng	100
56) 4-Nitrophenol	10.092	139	122610	45.720	ng	96
57) 2,4-Dinitrotoluene	10.180	165	168227	43.964	ng	99
58) Fluorene	10.557	166	634897	39.732	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	168172	44.902	ng	98
60) Diethylphthalate	10.422	149	637247	42.297	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	313111	40.882	ng	98
62) 4-Nitroaniline	10.557	138	139342	47.486	ng	98
63) Azobenzene	10.704	77	680354	40.833	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	65266	44.754	ng	98
66) n-Nitrosodiphenylamine	10.663	169	563086	40.179	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	189573	41.782	ng	100
68) Hexachlorobenzene	11.104	284	196969	40.915	ng	99
69) Atrazine	11.180	200	158741	44.273	ng	98
70) Pentachlorophenol	11.292	266	118797	44.978	ng	99
71) Phenanthrene	11.516	178	871369	40.469	ng	100
72) Anthracene	11.569	178	887738	40.999	ng	100
73) Carbazole	11.716	167	791886	40.823	ng	99
74) Di-n-butylphthalate	12.051	149	820833	46.099	ng	100
75) Fluoranthene	12.704	202	824497	42.113	ng	100
77) Benzidine	12.816	184	350573	47.827	ng	98
78) Pyrene	12.933	202	820201	41.087	ng	100
80) Butylbenzylphthalate	13.551	149	172390	43.340	ng	100
81) Benzo(a)anthracene	14.121	228	583794	40.719	ng	100
82) 3,3'-Dichlorobenzidine	14.080	252	183371	44.044	ng	99
83) Chrysene	14.157	228	530018	40.139	ng	98
84) Bis(2-ethylhexyl)phtha...	14.110	149	239329	40.166	ng	99
85) Di-n-octyl phthalate	14.727	149	424959	38.648	ng	100
87) Indeno(1,2,3-cd)pyrene	17.186	276	744447	42.503	ng	100
88) Benzo(b)fluoranthene	15.192	252	594727	43.782	ng	100
89) Benzo(k)fluoranthene	15.221	252	513977	39.662	ng	99
90) Benzo(a)pyrene	15.574	252	548875	42.724	ng	99
91) Dibenzo(a,h)anthracene	17.203	278	611881	42.735	ng	99
92) Benzo(g,h,i)perylene	17.651	276	632939	43.359	ng	99

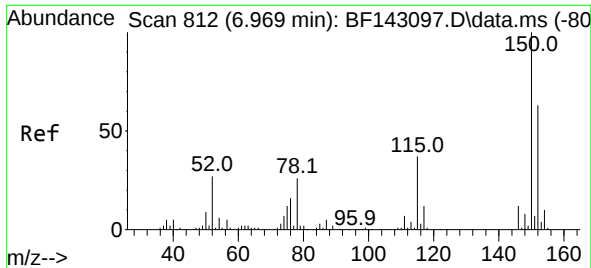
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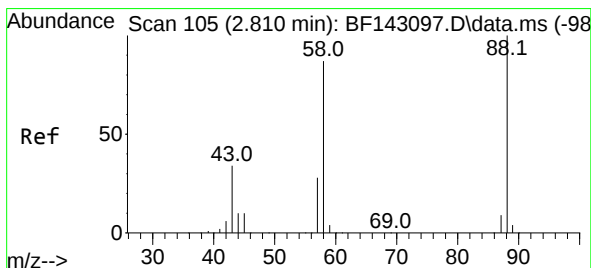
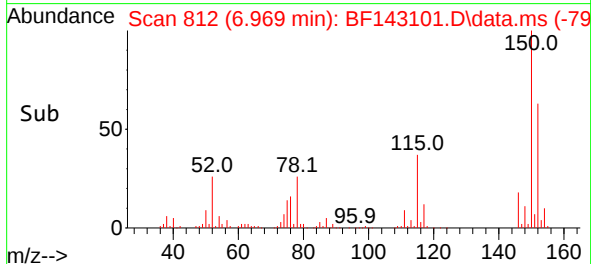
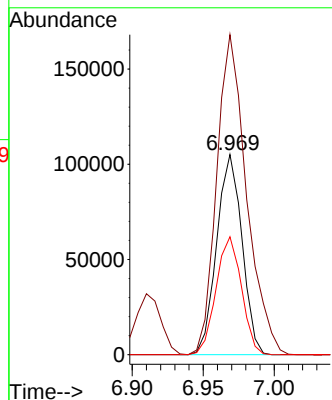
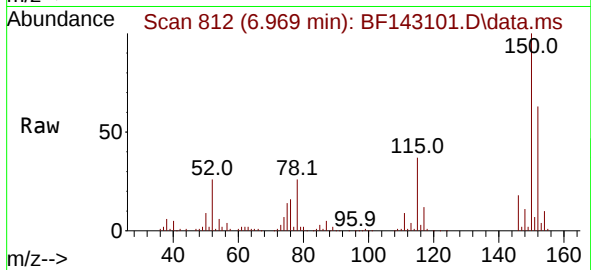




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

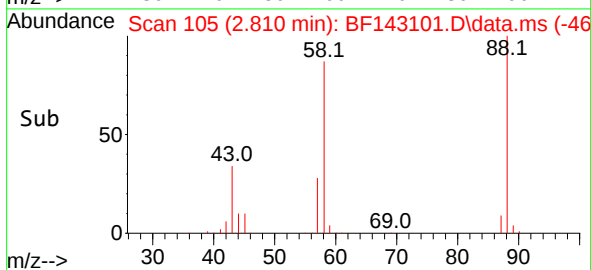
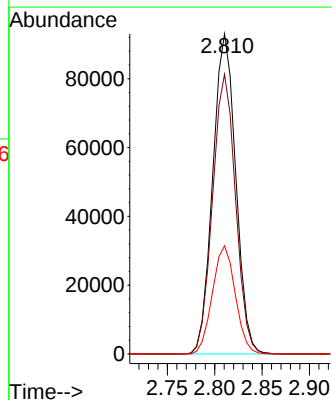
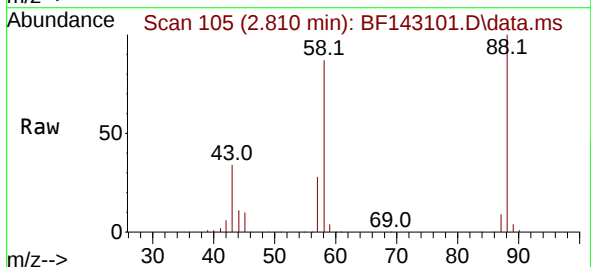
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BNA_F
ClientSampleId :
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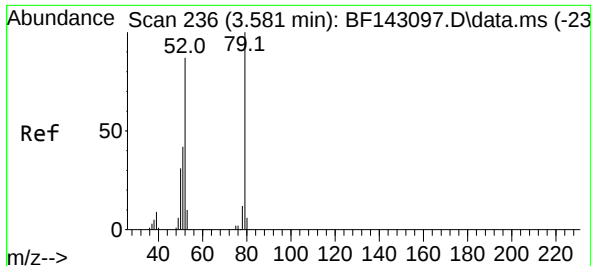
Tgt Ion:152 Resp: 130235
Ion Ratio Lower Upper
152 100
150 159.9 126.5 189.7
115 58.9 47.0 70.6



#2
1,4-Dioxane
Concen: 38.242 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 88 Resp: 156917
Ion Ratio Lower Upper
88 100
58 87.3 70.5 105.7
43 33.7 27.3 40.9

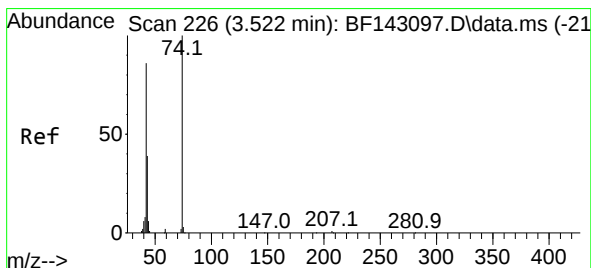
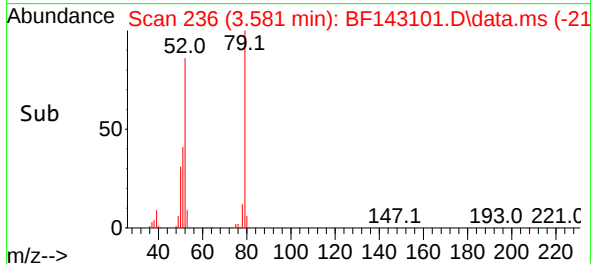
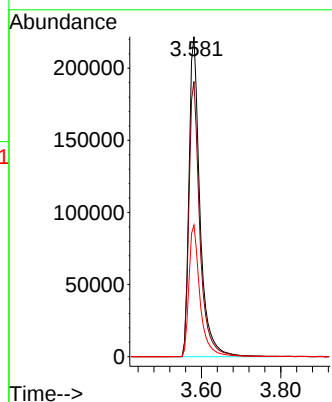
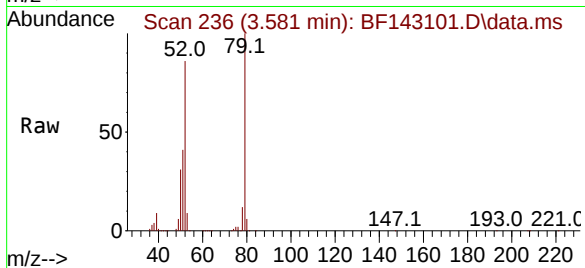




#3
 Pyridine
 Concen: 41.009 ng
 RT: 3.581 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143101.D
 Acq: 15 Jul 2025 17:27

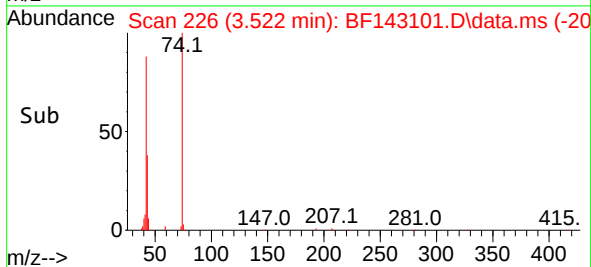
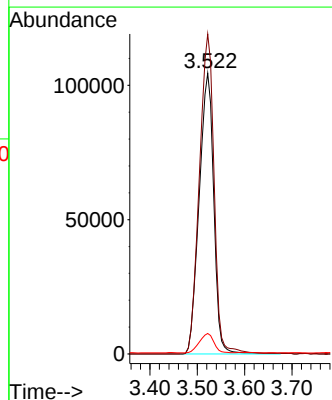
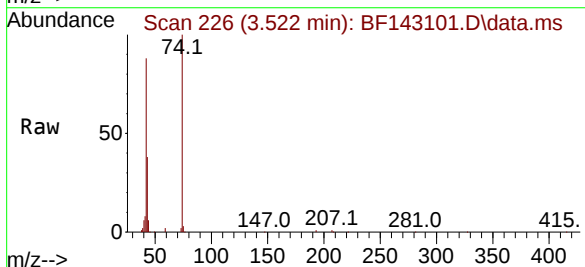
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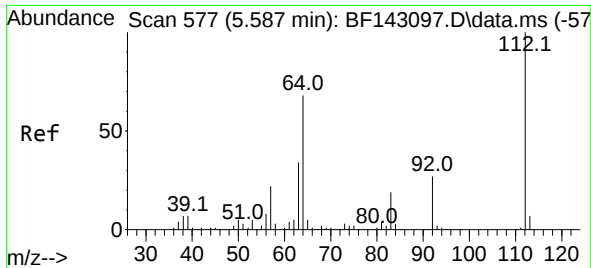
Tgt Ion: 79 Resp: 426106
 Ion Ratio Lower Upper
 79 100
 52 86.0 69.2 103.8
 51 41.1 33.3 49.9



#4
 n-Nitrosodimethylamine
 Concen: 41.468 ng
 RT: 3.522 min Scan# 226
 Delta R.T. -0.000 min
 Lab File: BF143101.D
 Acq: 15 Jul 2025 17:27

Tgt Ion: 42 Resp: 223240
 Ion Ratio Lower Upper
 42 100
 74 114.0 92.8 139.2
 44 7.3 5.8 8.6

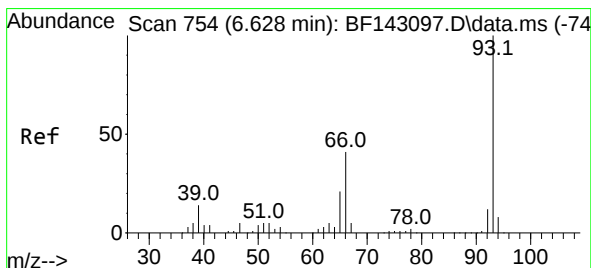
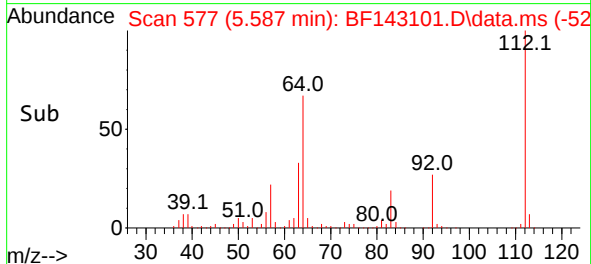
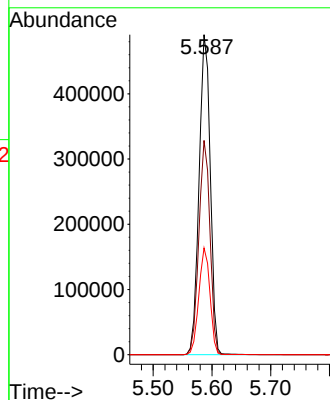
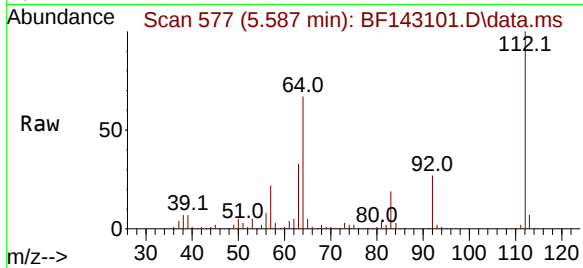




#5
2-Fluorophenol
Concen: 78.799 ng
RT: 5.587 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF143101.D
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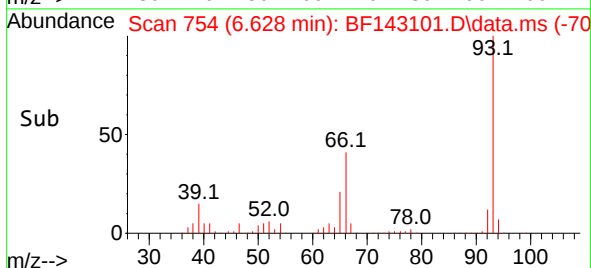
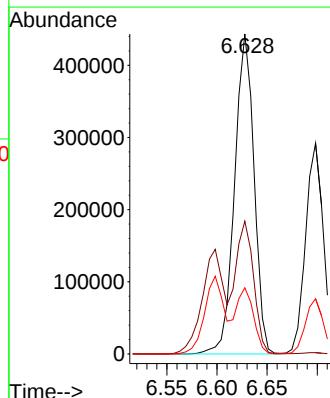
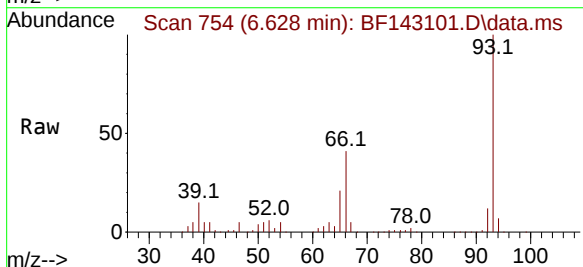
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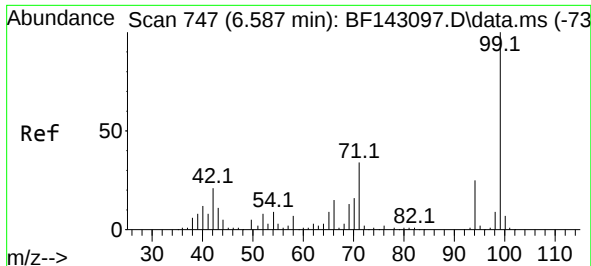
Tgt Ion:112 Resp: 649544
Ion Ratio Lower Upper
112 100
64 67.0 54.6 82.0
63 33.4 27.3 40.9



#6
Aniline
Concen: 41.038 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 93 Resp: 598787
Ion Ratio Lower Upper
93 100
66 41.5 33.1 49.7
65 20.7 16.9 25.3

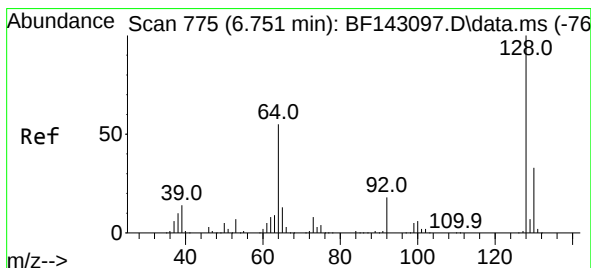
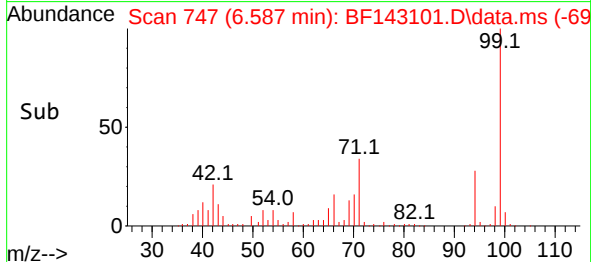
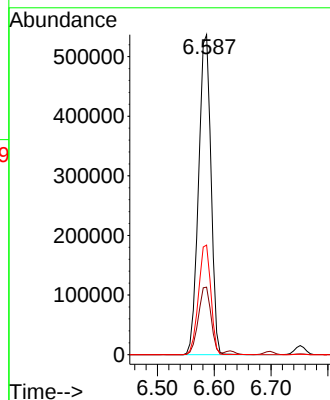
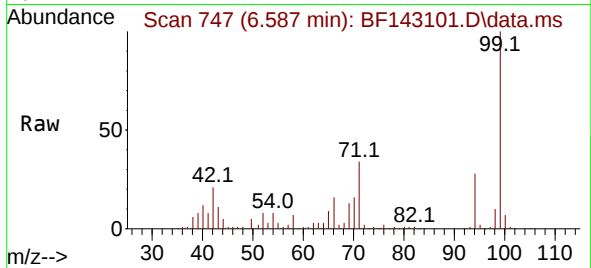




#7
Phenol-d6
Concen: 78.598 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

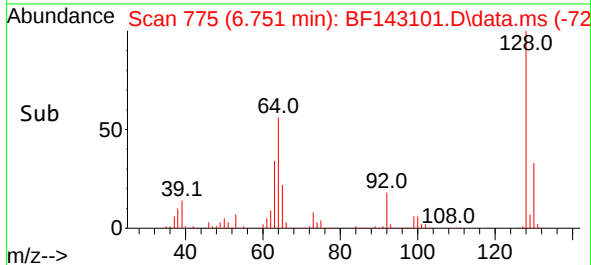
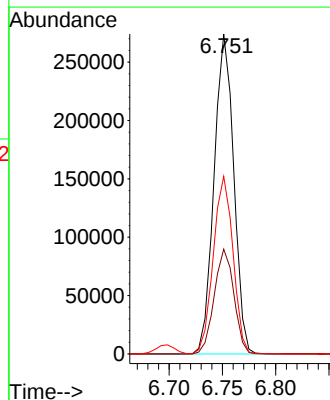
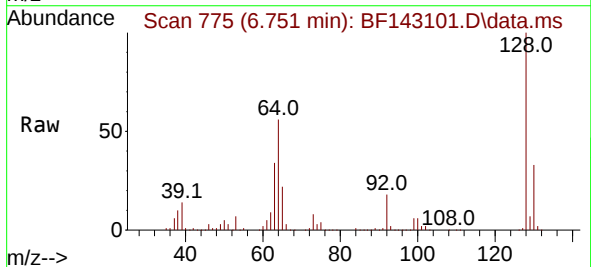
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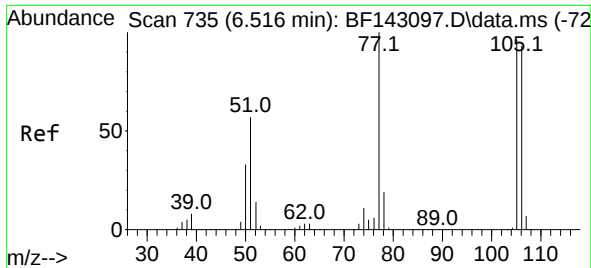
Tgt Ion: 99 Resp: 814393
Ion Ratio Lower Upper
99 100
42 21.1 17.2 25.8
71 34.2 27.4 41.0



#8
2-Chlorophenol
Concen: 42.397 ng
RT: 6.751 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:128 Resp: 351129
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 55.5 36.1 76.1





#9

Benzaldehyde

Concen: 37.115 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

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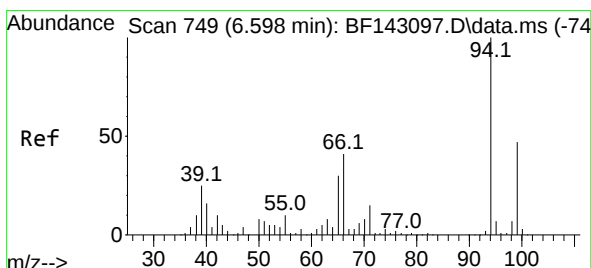
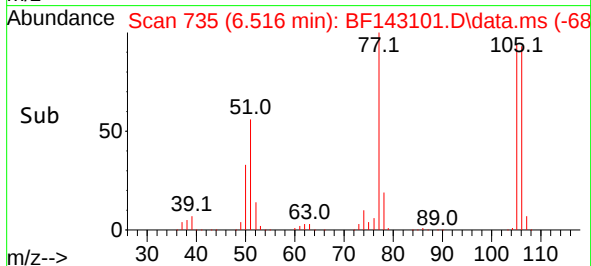
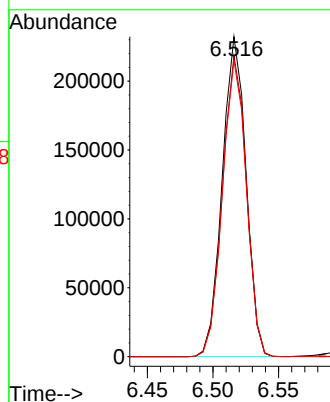
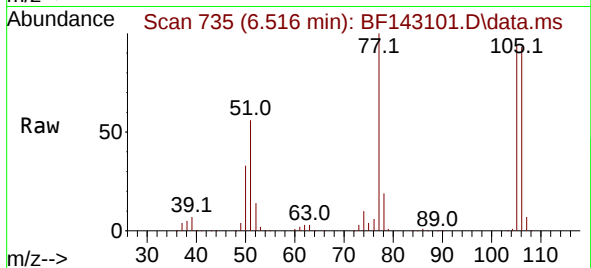
Tgt Ion: 77 Resp: 293033

Ion Ratio Lower Upper

77 100

105 94.0 76.3 116.3

106 92.5 72.8 112.8



#10

Phenol

Concen: 44.065 ng

RT: 6.598 min Scan# 749

Delta R.T. -0.000 min

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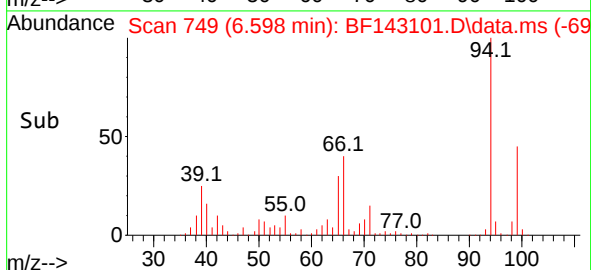
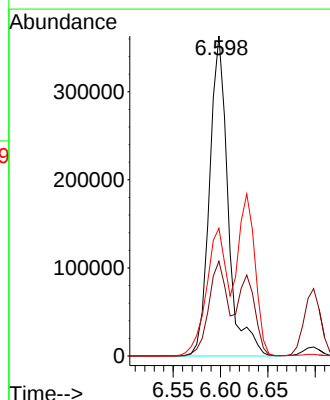
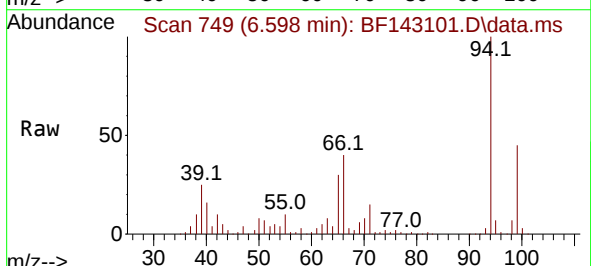
Tgt Ion: 94 Resp: 494279

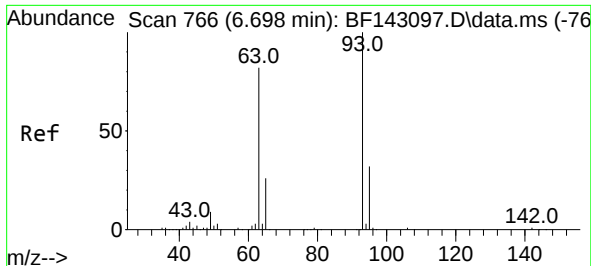
Ion Ratio Lower Upper

94 100

65 29.6 9.8 49.8

66 39.9 20.5 60.5

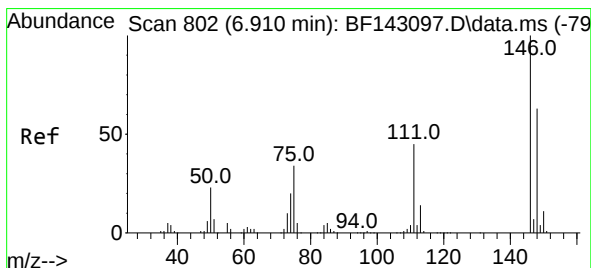
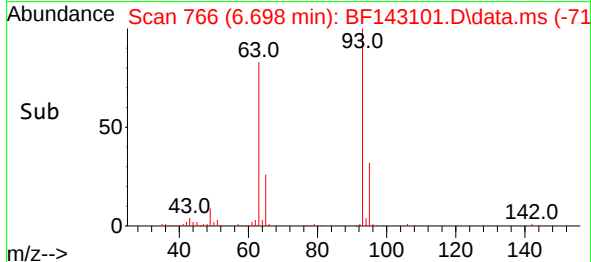
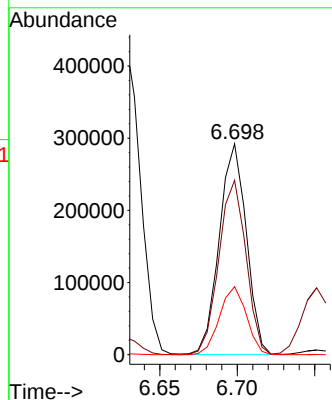
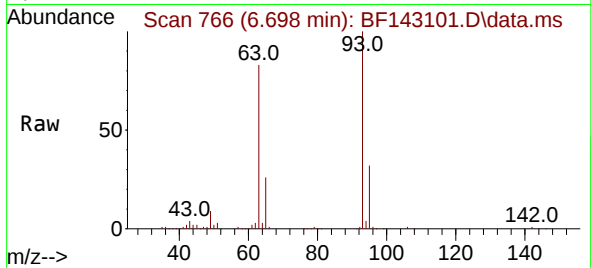




#11
bis(2-Chloroethyl)ether
Concen: 40.848 ng
RT: 6.698 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

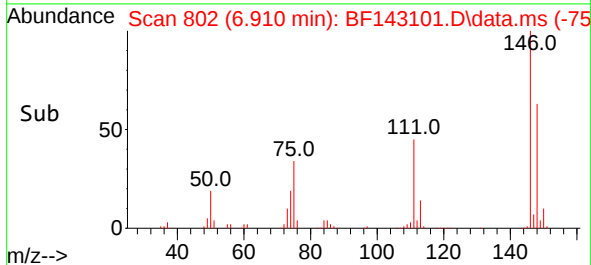
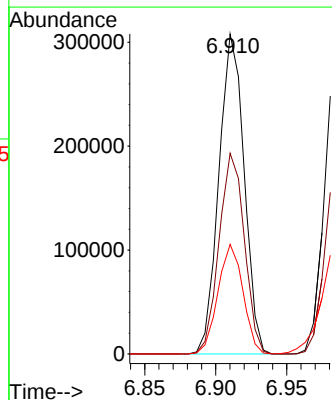
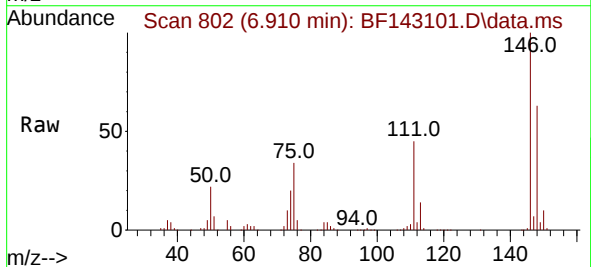
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

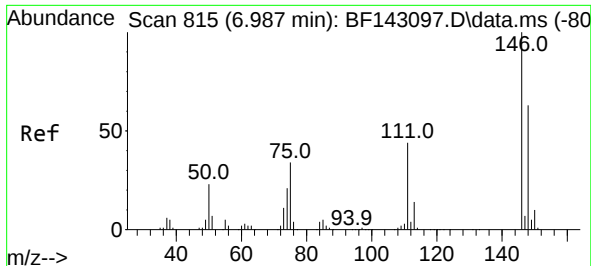
Tgt Ion: 93 Resp: 354713
Ion Ratio Lower Upper
93 100
63 82.7 61.9 101.9
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.694 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 146 Resp: 380756
Ion Ratio Lower Upper
146 100
148 62.7 50.1 75.1
75 34.2 27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 40.539 ng

RT: 6.987 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

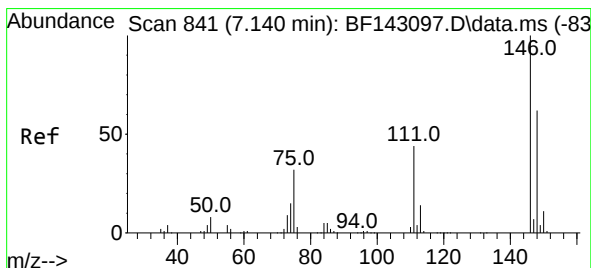
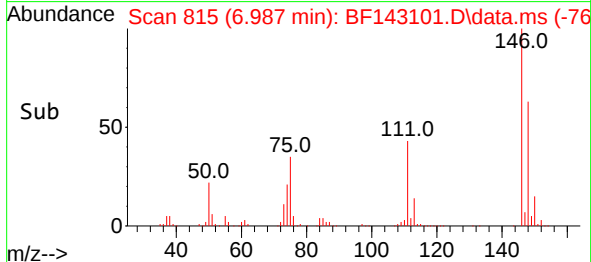
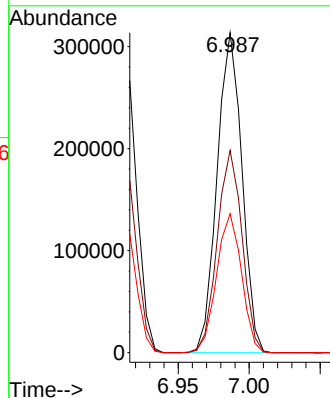
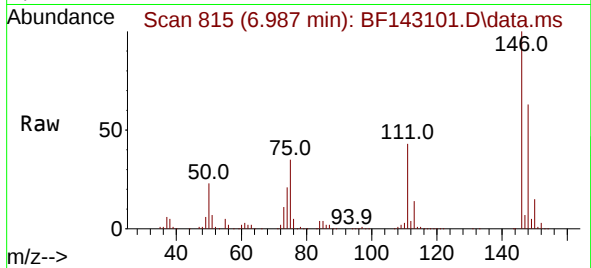
Tgt Ion:146 Resp: 381590

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

111 43.4 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 40.782 ng

RT: 7.139 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

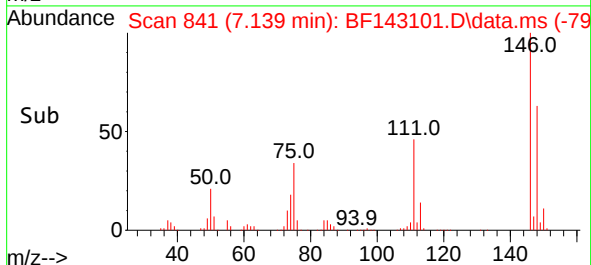
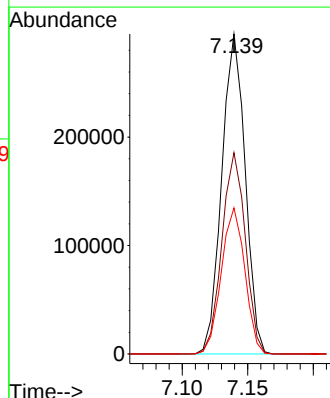
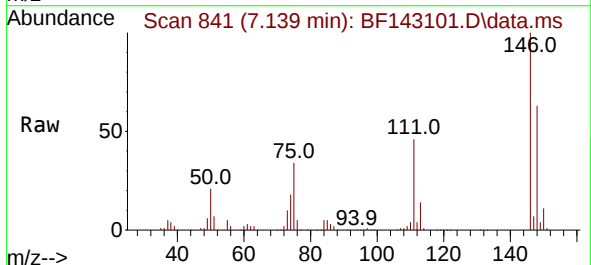
Tgt Ion:146 Resp: 366082

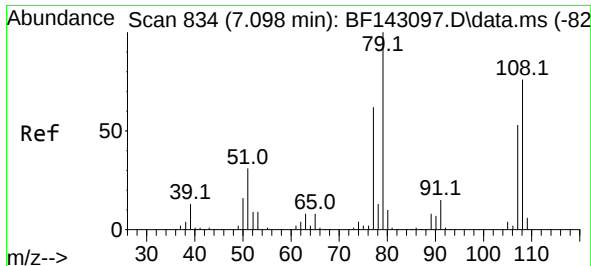
Ion Ratio Lower Upper

146 100

148 62.9 49.8 74.6

111 45.7 35.4 53.0

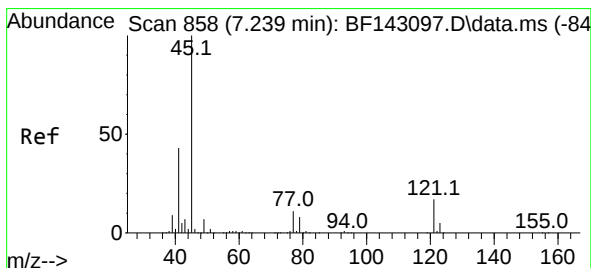
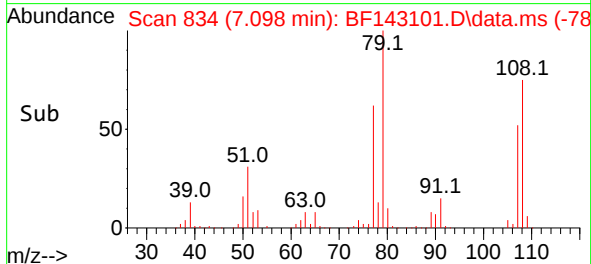
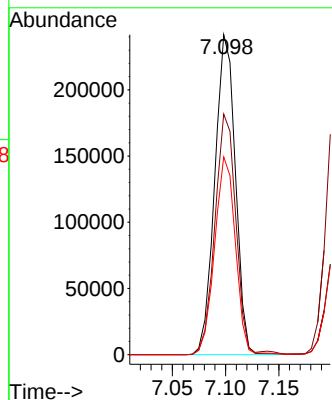
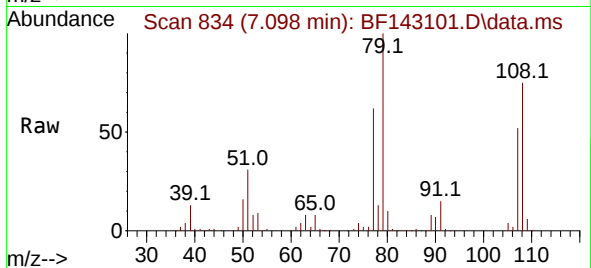




#15
Benzyl Alcohol
Concen: 42.336 ng
RT: 7.098 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

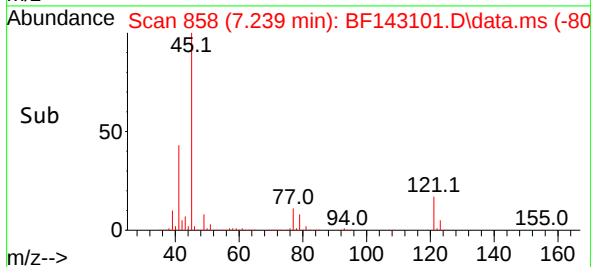
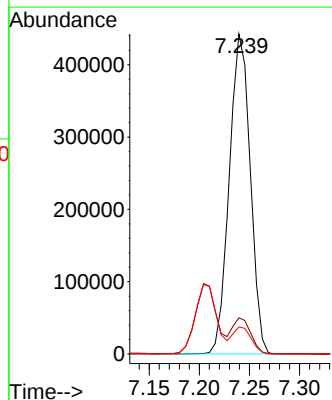
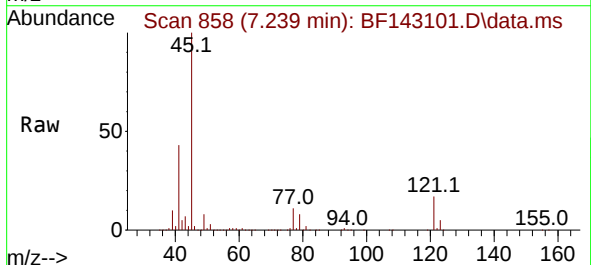
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

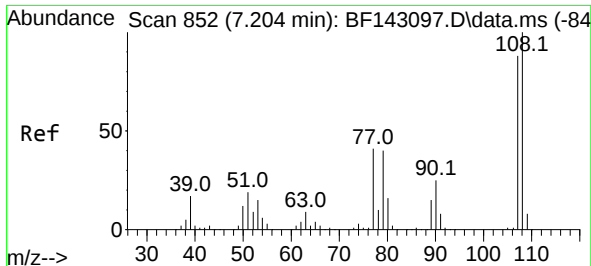
Tgt Ion: 79 Resp: 325035
Ion Ratio Lower Upper
79 100
108 75.2 61.1 91.7
77 61.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.273 ng
RT: 7.239 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 45 Resp: 644651
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.1
79 8.4 0.0 28.4

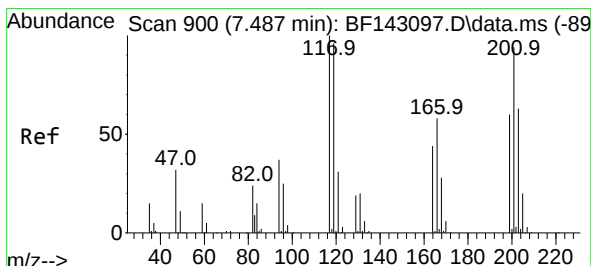
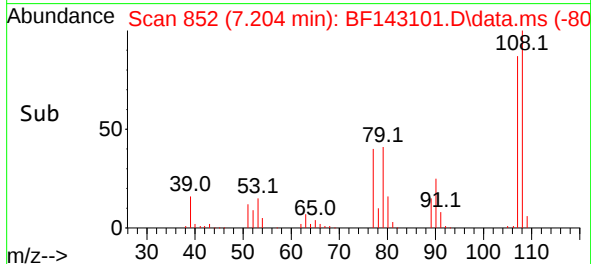
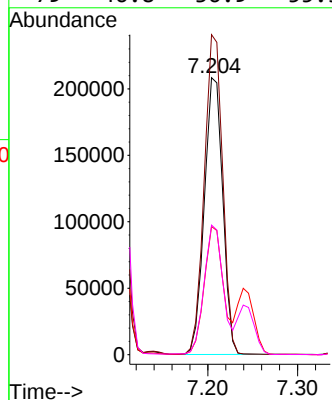
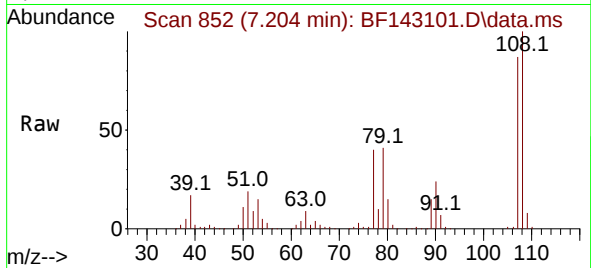




#17
2-Methylphenol
Concen: 41.532 ng
RT: 7.204 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

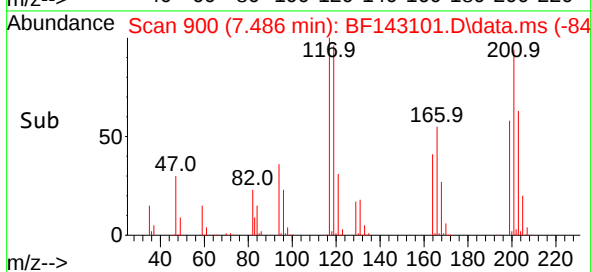
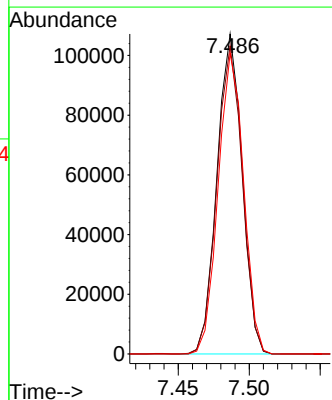
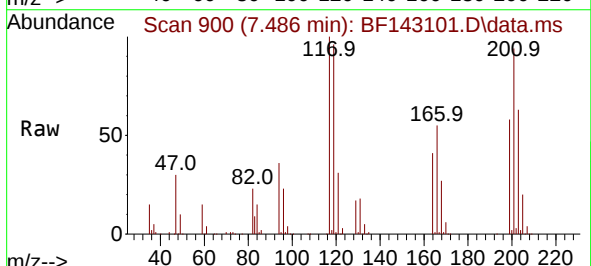
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

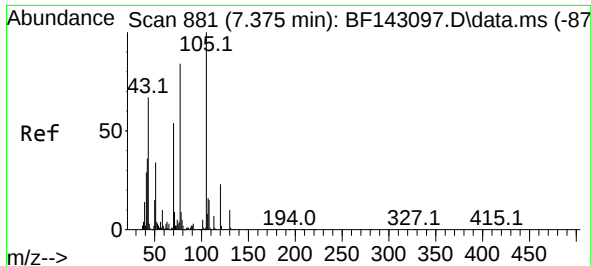
Tgt Ion:107	Resp:	296835	
Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.9	136.3
77	46.3	37.5	56.3
79	46.8	36.9	55.3



#18
Hexachloroethane
Concen: 43.239 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:117	Resp:	132499	
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1
201	93.9	75.0	112.4



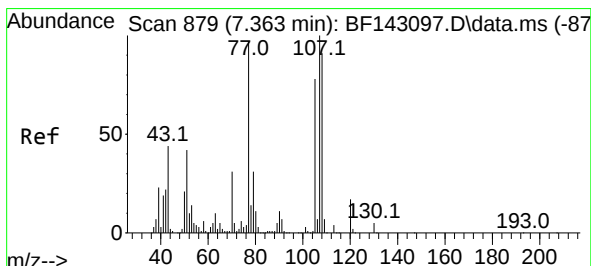
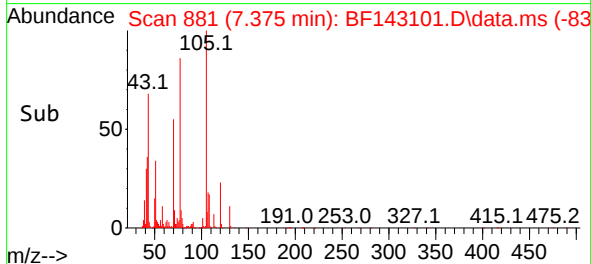
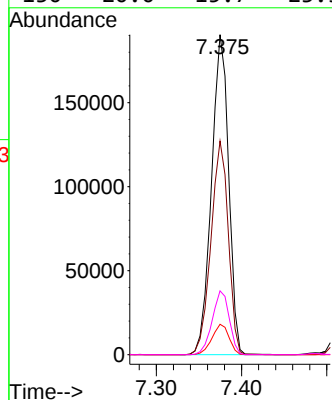
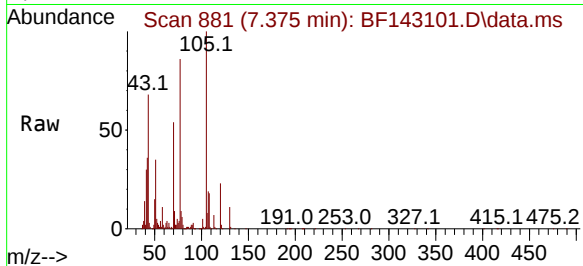


#19
n-Nitroso-di-n-propylamine
Concen: 41.982 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Instrument :
BNA_F
ClientSampleId :
ICVBF071525

Tgt Ion: 70 Resp: 266499

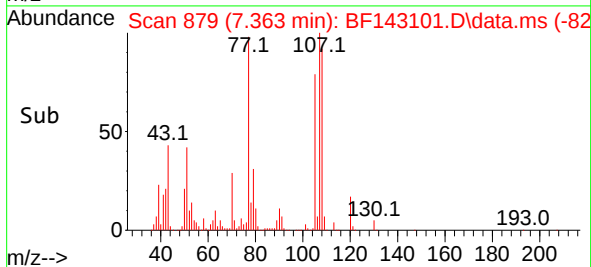
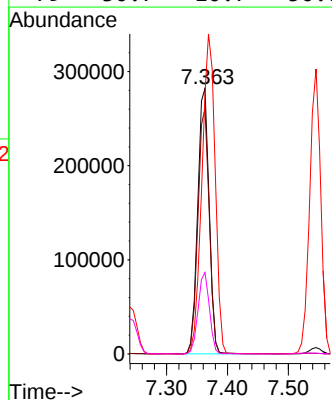
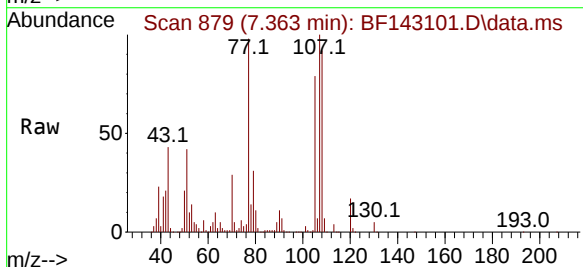
Ion	Ratio	Lower	Upper
70	100		
42	66.7	53.2	79.8
101	9.5	7.5	11.3
130	20.0	15.7	23.5

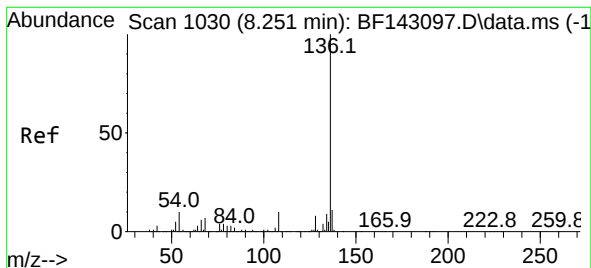


#20
3+4-Methylphenols
Concen: 42.057 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 107 Resp: 368618

Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.3	111.3
77	98.3	77.2	117.2
79	30.7	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: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

Tgt Ion:136 Resp: 496378

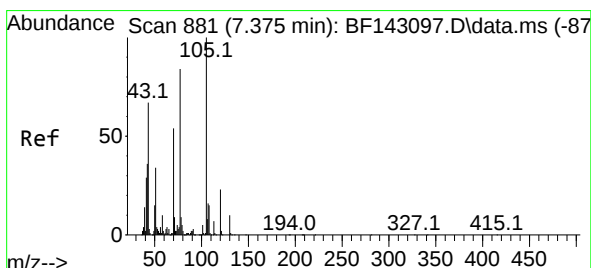
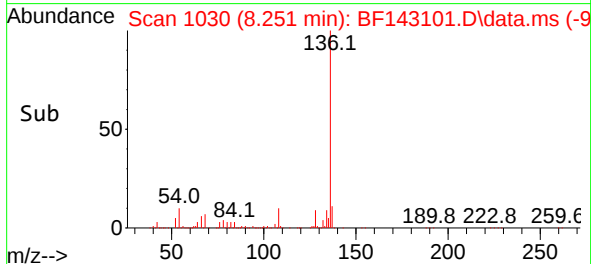
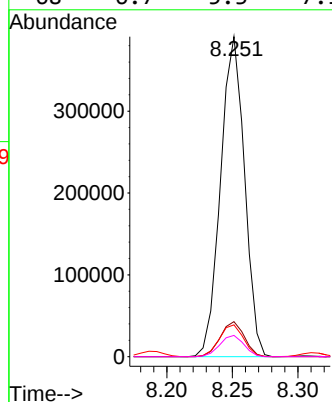
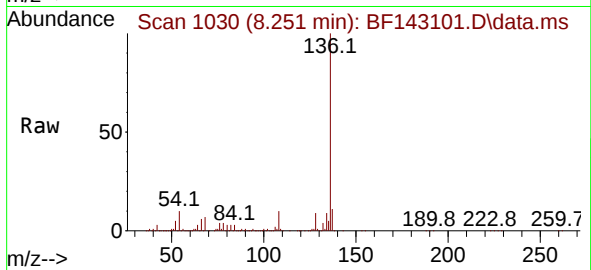
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.9 8.3 12.5

68 6.7 5.3 7.9



#22

Acetophenone

Concen: 40.351 ng

RT: 7.375 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Tgt Ion:105 Resp: 482823

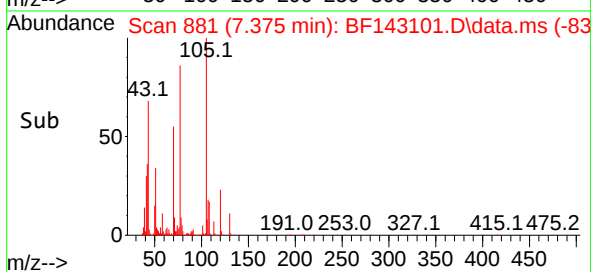
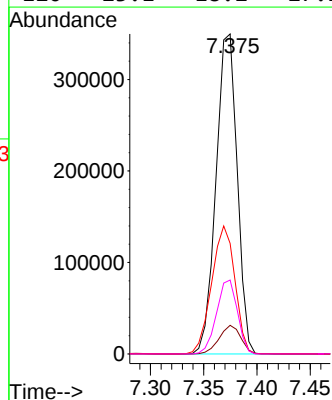
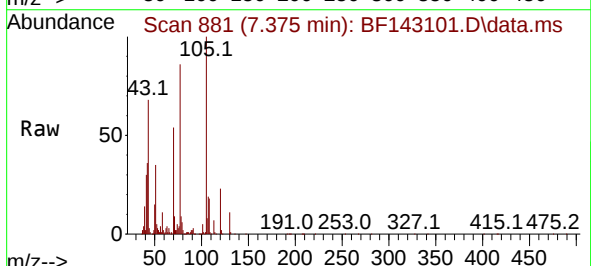
Ion Ratio Lower Upper

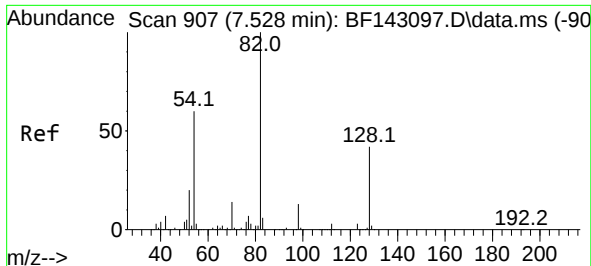
105 100

71 9.0 7.2 10.8

51 34.6 27.0 40.4

120 23.1 18.2 27.2

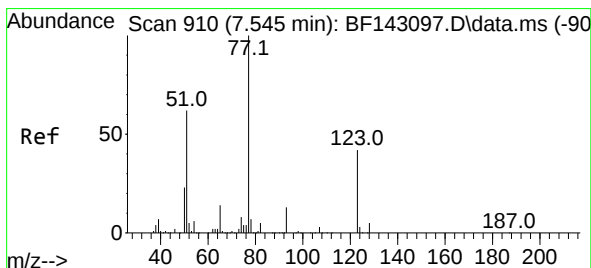
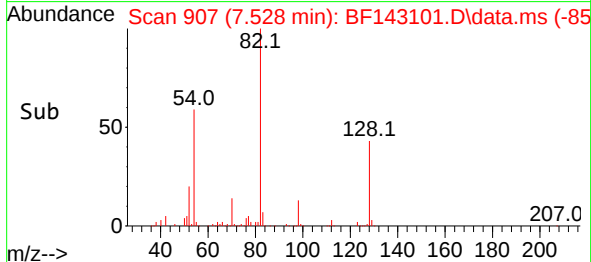
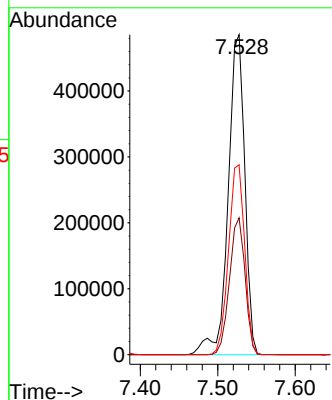
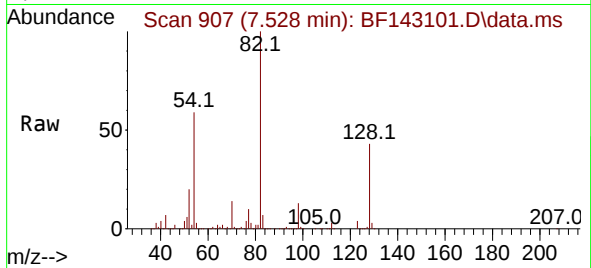




#23
Nitrobenzene-d5
Concen: 82.157 ng
RT: 7.528 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

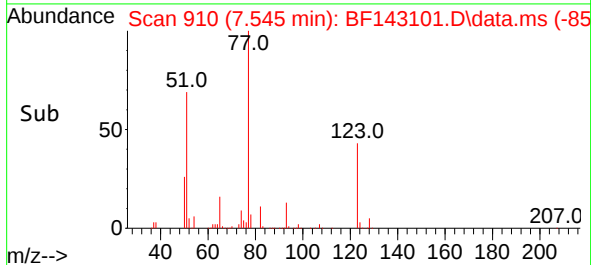
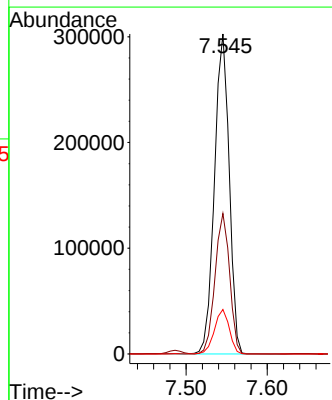
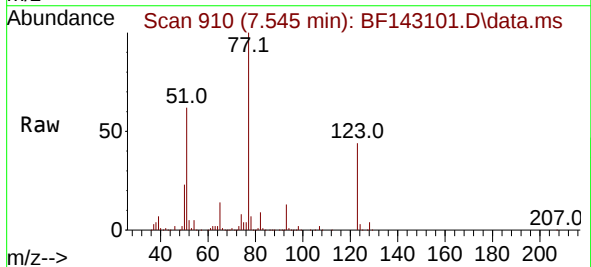
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

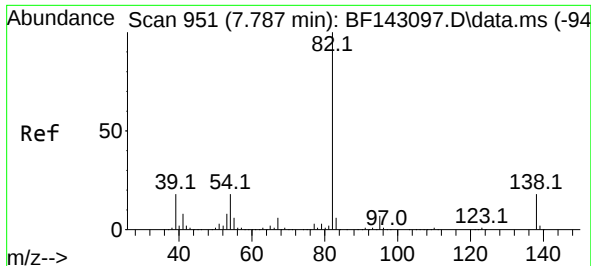
Tgt Ion: 82 Resp: 726961
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 59.4 47.4 71.2



#24
Nitrobenzene
Concen: 44.647 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion: 77 Resp: 381374
Ion Ratio Lower Upper
77 100
123 43.9 34.5 51.7
65 13.9 11.3 16.9

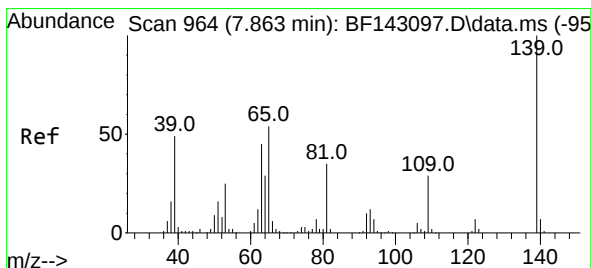
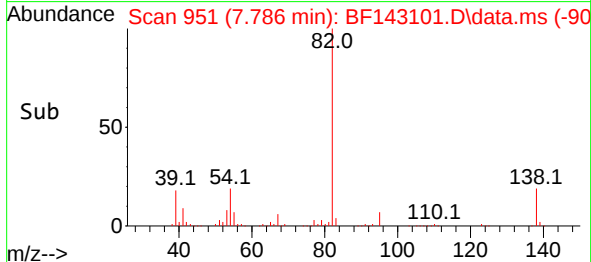
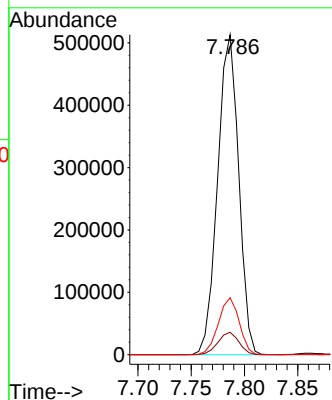
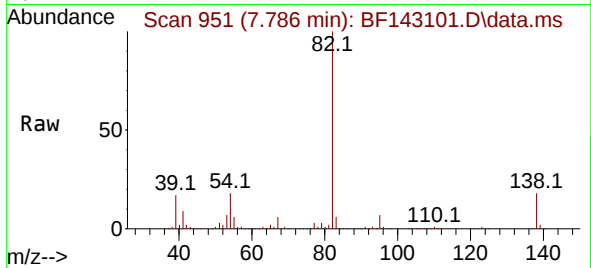




#25
Isophorone
Concen: 41.188 ng
RT: 7.786 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

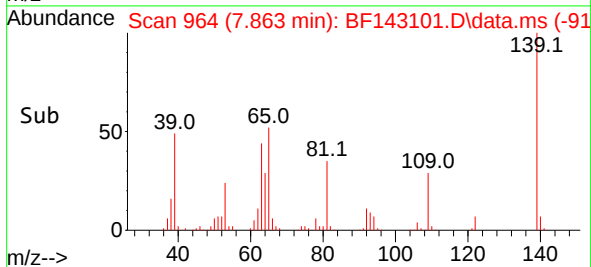
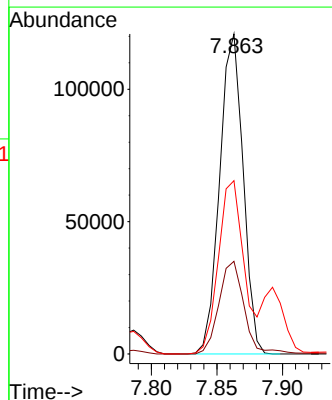
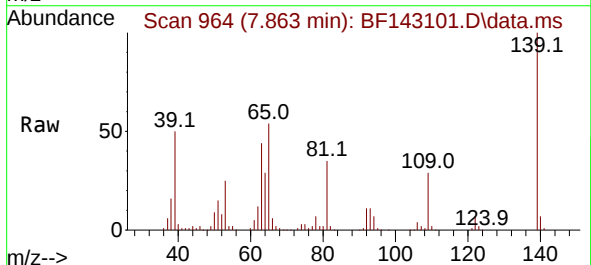
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

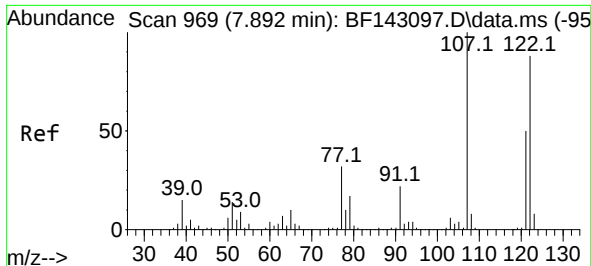
Tgt Ion: 82 Resp: 704424
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.8 14.3 21.5



#26
2-Nitrophenol
Concen: 44.317 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:139 Resp: 150156
Ion Ratio Lower Upper
139 100
109 29.0 23.4 35.0
65 54.1 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 42.064 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

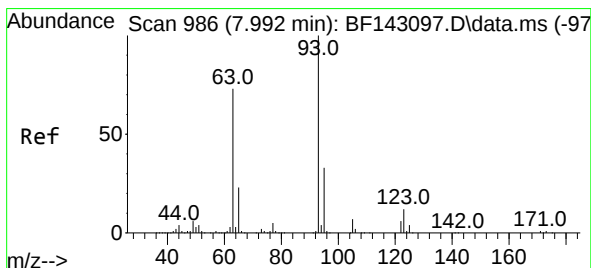
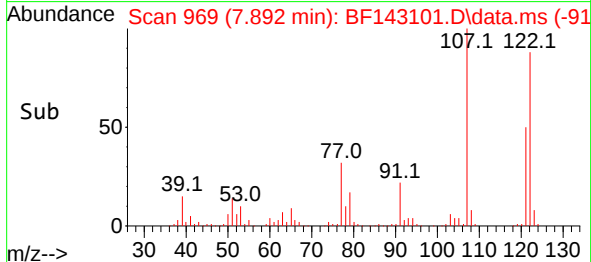
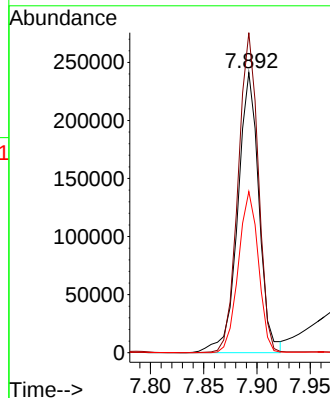
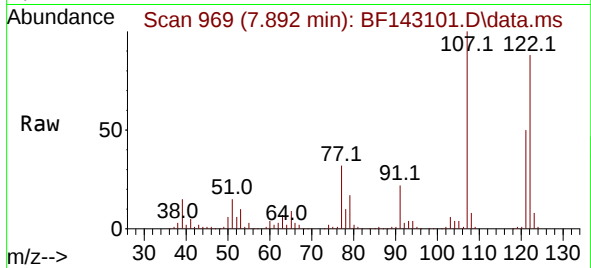
Tgt Ion:122 Resp: 333899

Ion Ratio Lower Upper

122 100

107 114.2 91.3 136.9

121 57.5 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.789 ng

RT: 7.992 min Scan# 986

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

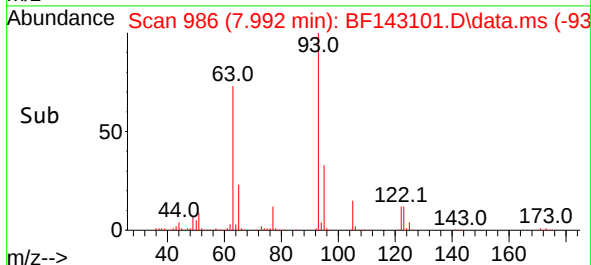
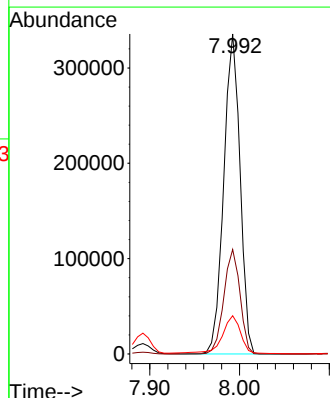
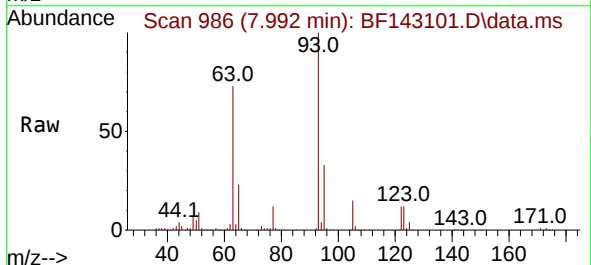
Tgt Ion: 93 Resp: 423022

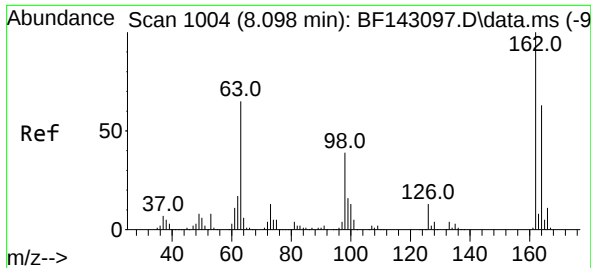
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 11.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 43.580 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

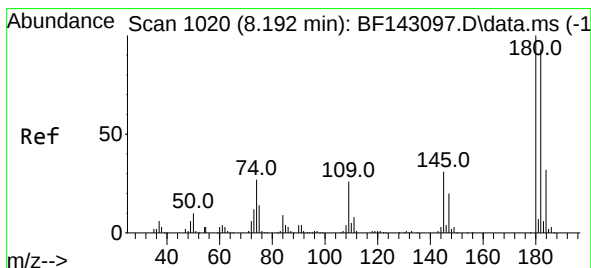
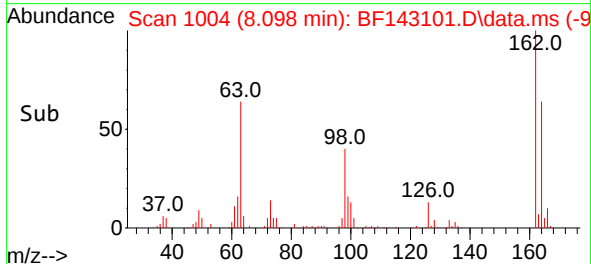
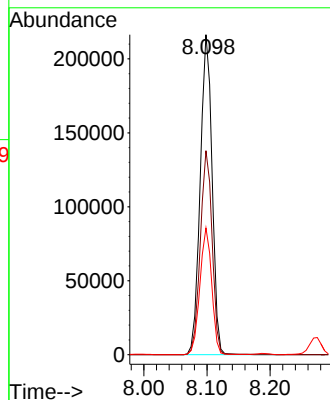
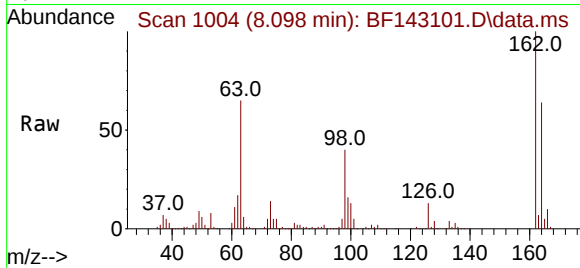
Tgt Ion:162 Resp: 283011

Ion Ratio Lower Upper

162 100

164 63.7 43.1 83.1

98 39.6 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 41.194 ng

RT: 8.192 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

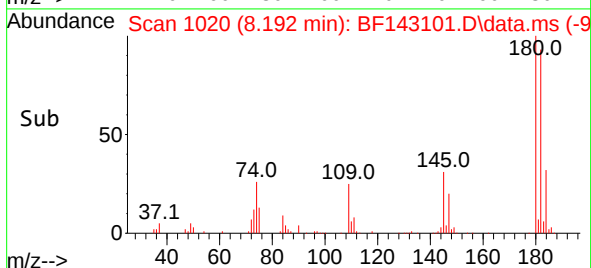
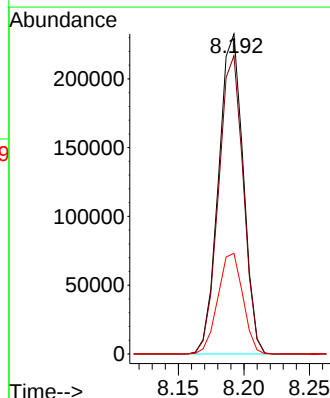
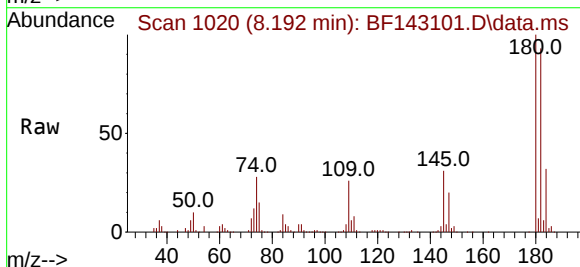
Tgt Ion:180 Resp: 303602

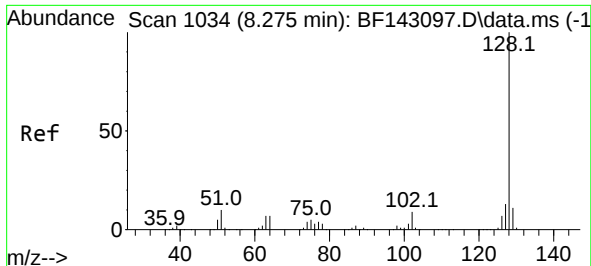
Ion Ratio Lower Upper

180 100

182 93.2 74.7 112.1

145 31.4 24.5 36.7

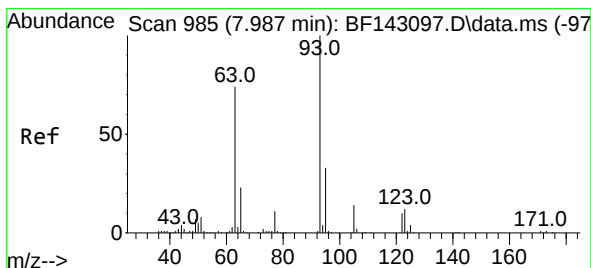
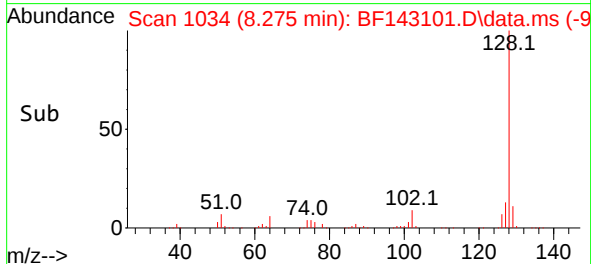
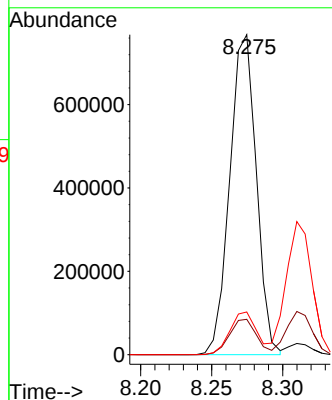
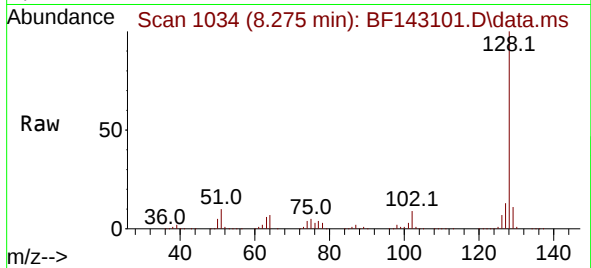




#31
Naphthalene
Concen: 40.543 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

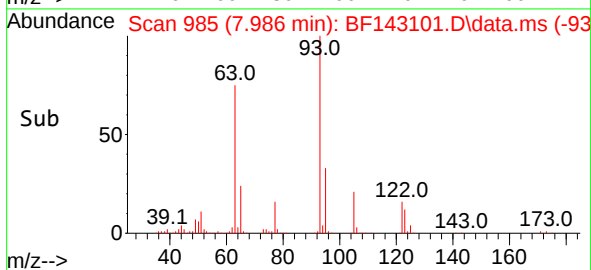
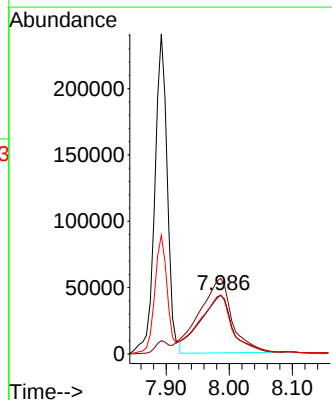
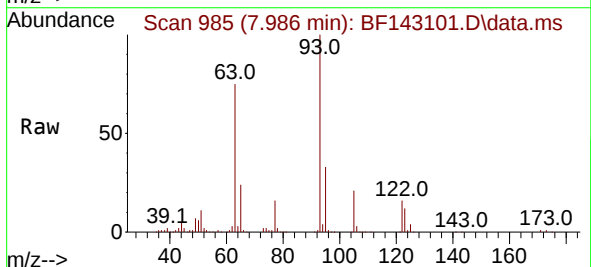
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

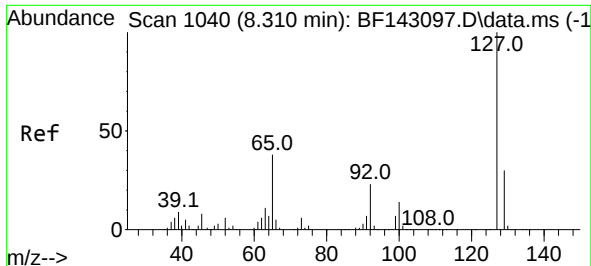
Tgt Ion:128 Resp: 999363
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 40.223 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.001 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:122 Resp: 154256
Ion Ratio Lower Upper
122 100
105 128.4 105.4 145.4
77 100.3 78.6 118.6

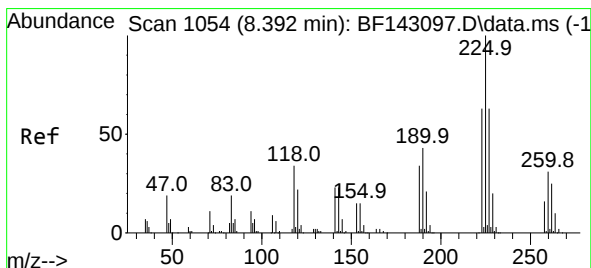
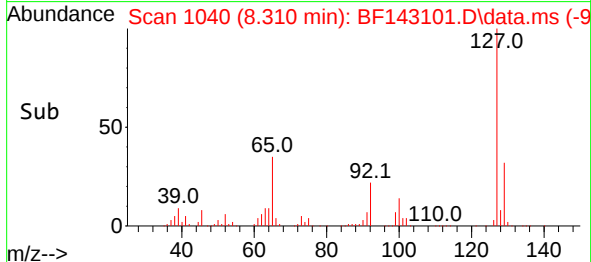
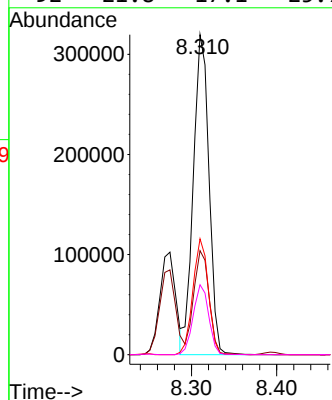
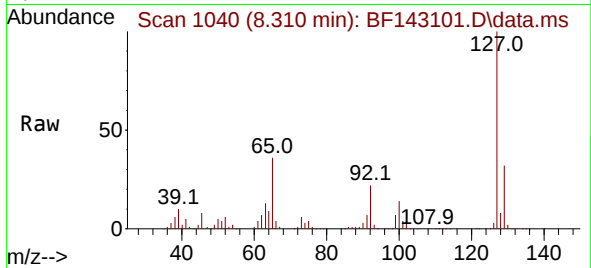




#33
4-Chloroaniline
Concen: 41.236 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

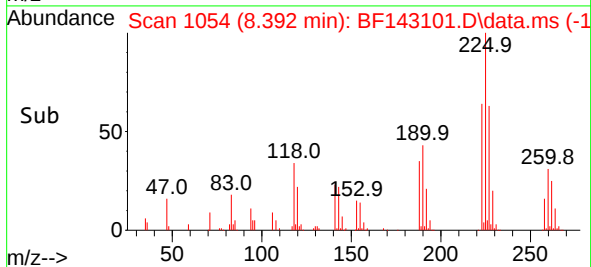
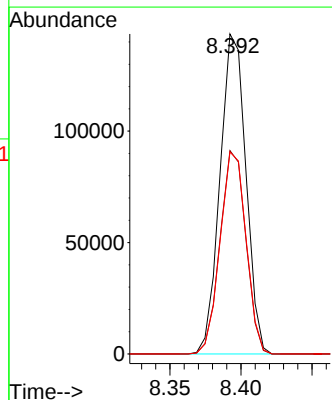
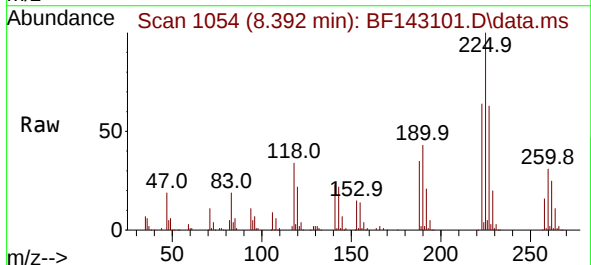
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

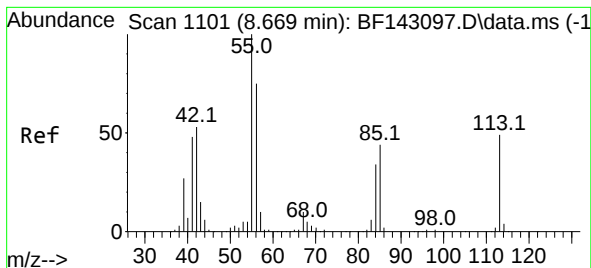
Tgt Ion:	127	Resp:	408741
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	36.2	28.6	42.8
92	21.8	17.1	25.7



#34
Hexachlorobutadiene
Concen: 41.324 ng
RT: 8.392 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:	225	Resp:	182140
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.3	75.5
227	63.1	50.1	75.1





#35

Caprolactam

Concen: 43.536 ng

RT: 8.675 min Scan# 1102

Delta R.T. 0.006 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

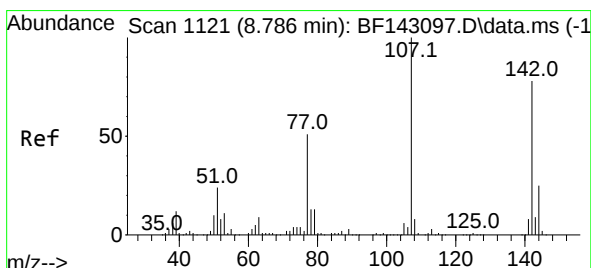
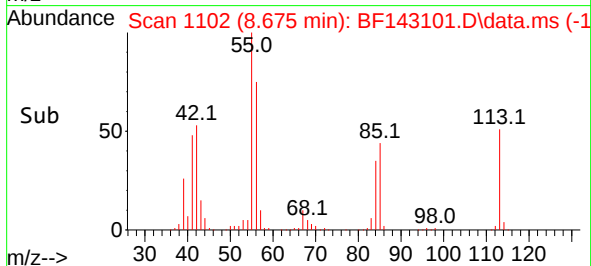
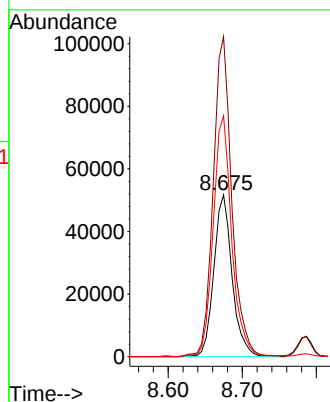
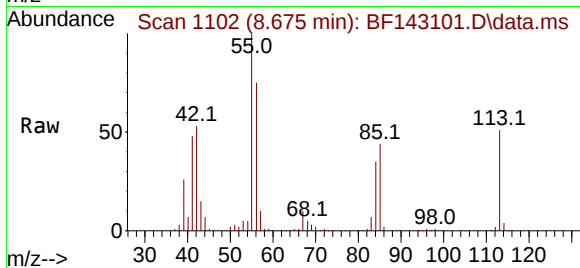
Tgt Ion:113 Resp: 88286

Ion Ratio Lower Upper

113 100

55 197.8 186.2 226.2

56 148.9 134.1 174.1



#36

4-Chloro-3-methylphenol

Concen: 42.387 ng

RT: 8.786 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

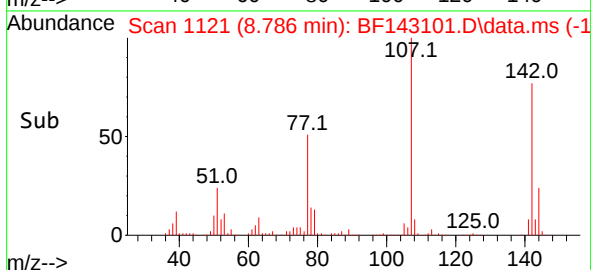
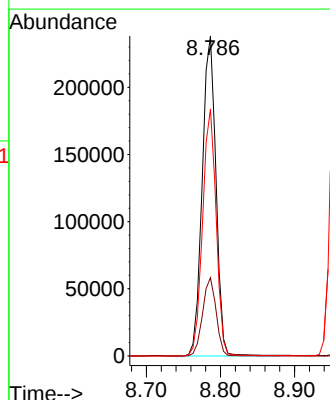
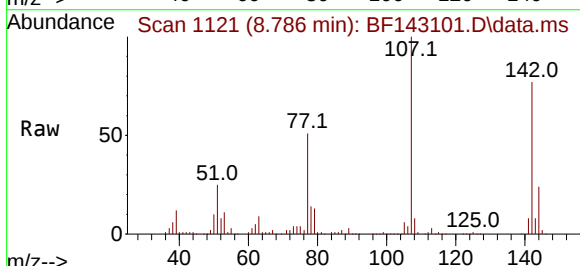
Tgt Ion:107 Resp: 306624

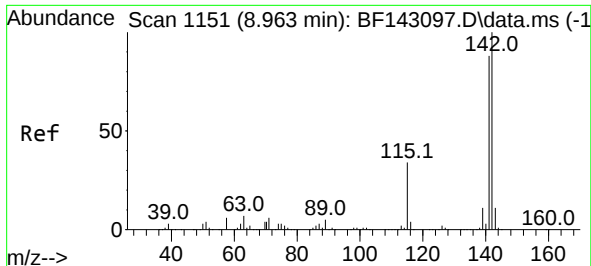
Ion Ratio Lower Upper

107 100

144 24.4 20.2 30.2

142 77.2 62.4 93.6





#37

2-Methylnaphthalene

Concen: 40.654 ng

RT: 8.963 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

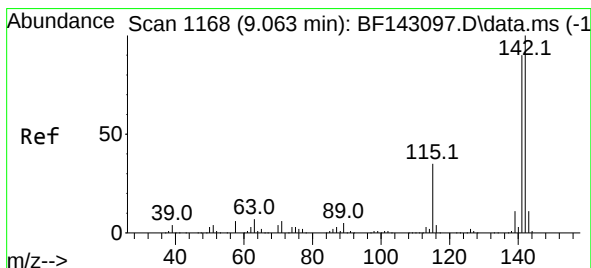
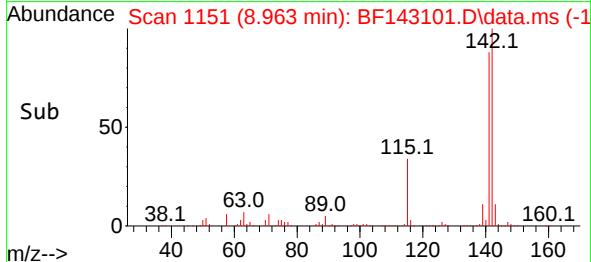
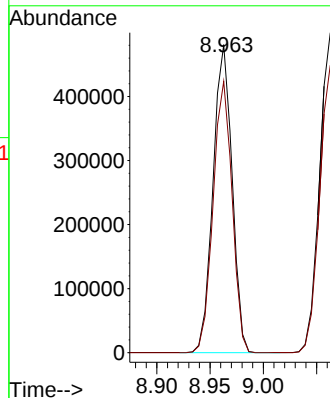
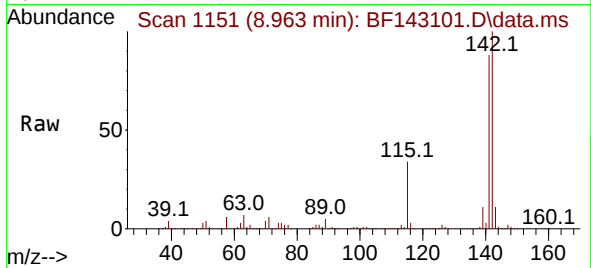
ICVBF071525

Tgt Ion:142 Resp: 597819

Ion Ratio Lower Upper

142 100

141 88.1 70.2 105.2



#38

1-Methylnaphthalene

Concen: 40.922 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF143101.D

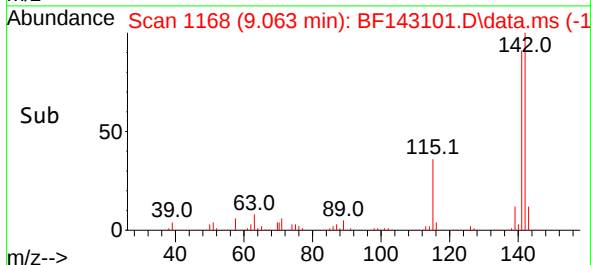
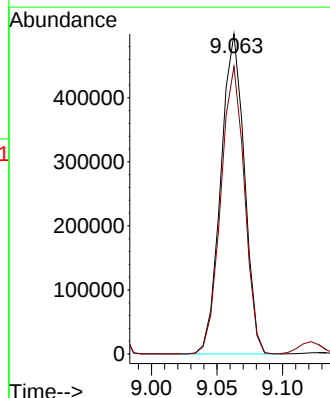
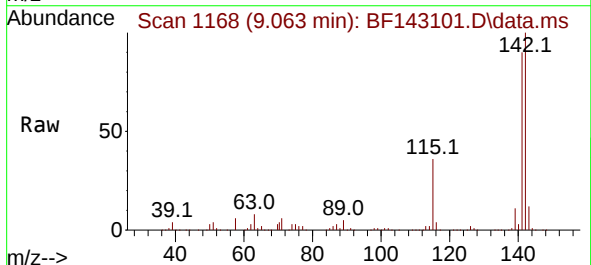
Acq: 15 Jul 2025 17:27

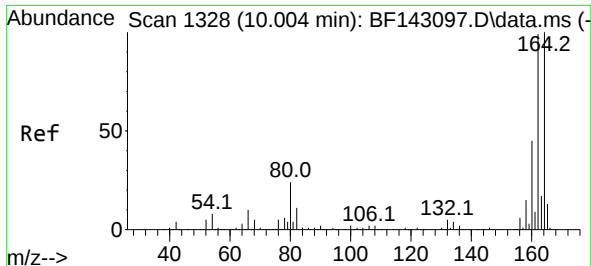
Tgt Ion:142 Resp: 624130

Ion Ratio Lower Upper

142 100

141 89.9 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF143101.D

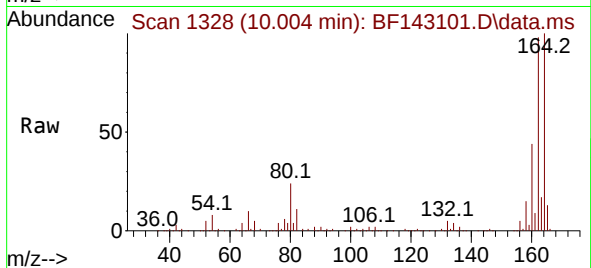
Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525



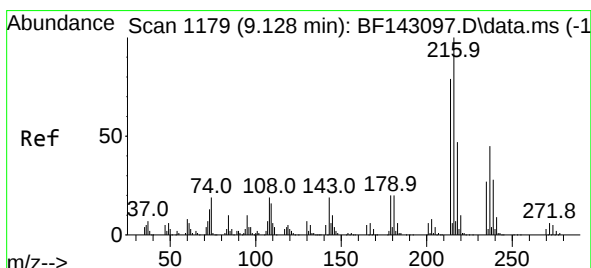
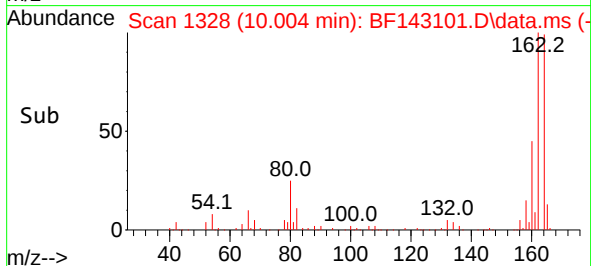
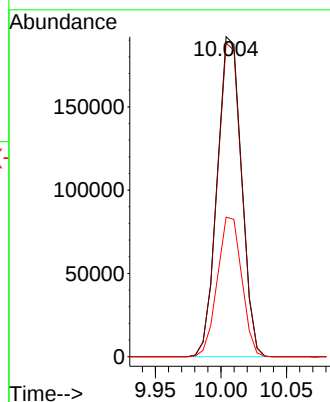
Tgt Ion:164 Resp: 248221

Ion Ratio Lower Upper

164 100

162 98.1 79.0 118.6

160 43.6 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.531 ng

RT: 9.128 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Tgt Ion:216 Resp: 293187

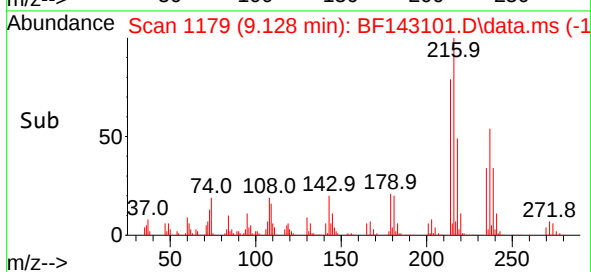
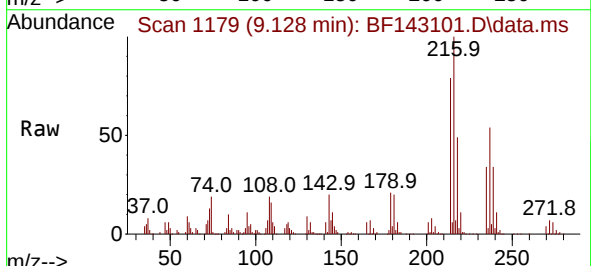
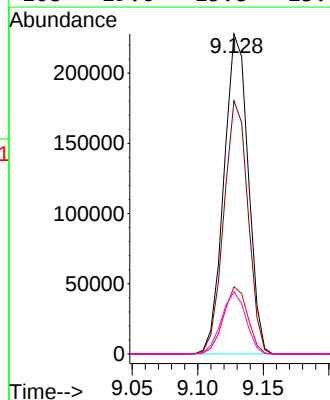
Ion Ratio Lower Upper

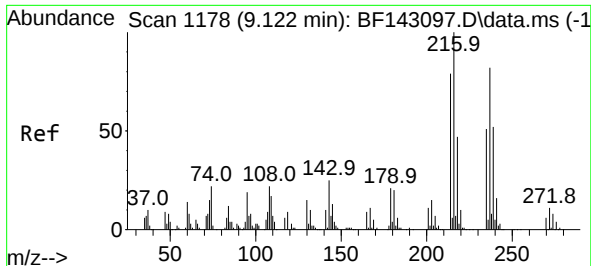
216 100

214 78.6 62.6 94.0

179 20.8 16.2 24.2

108 19.6 15.8 23.6

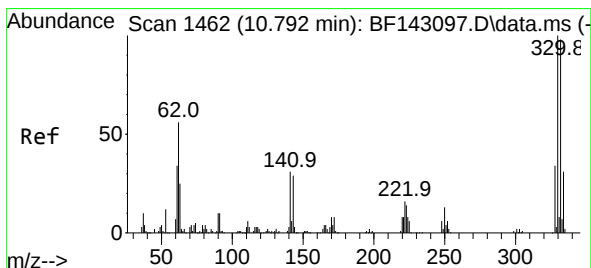
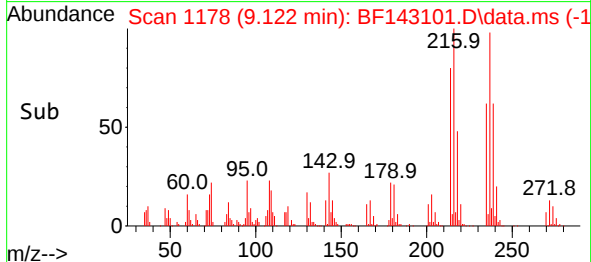
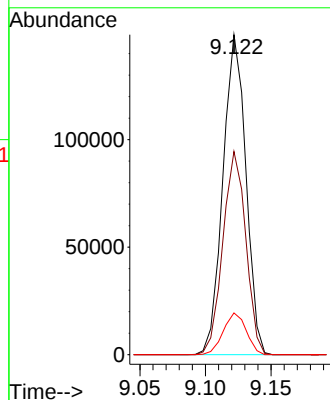
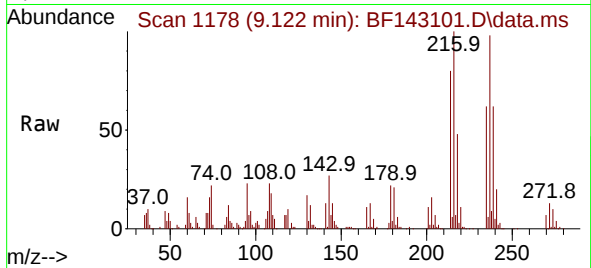




#41
Hexachlorocyclopentadiene
Concen: 45.086 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

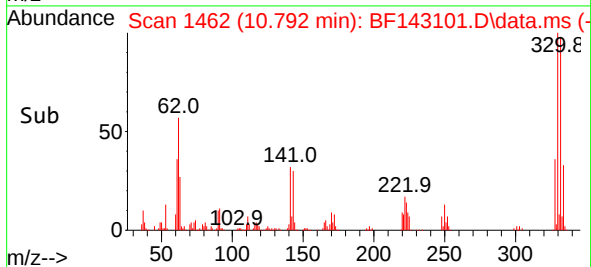
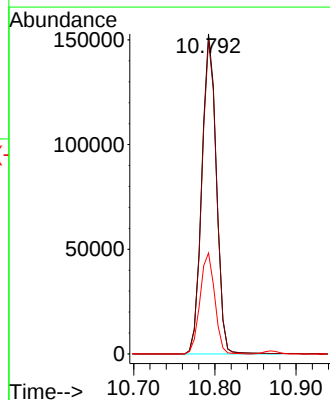
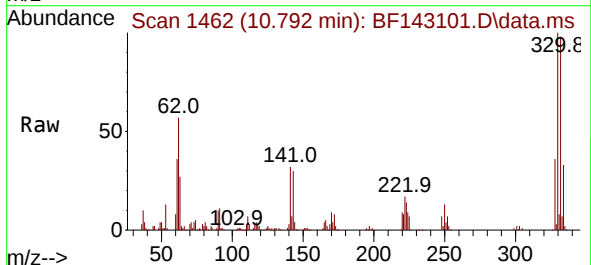
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

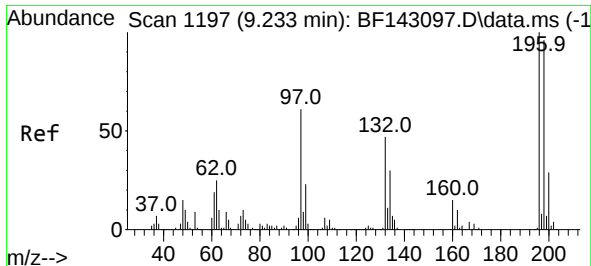
Tgt Ion:237 Resp: 180819
Ion Ratio Lower Upper
237 100
235 63.5 41.6 81.6
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 85.971 ng
RT: 10.792 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:330 Resp: 190277
Ion Ratio Lower Upper
330 100
332 98.2 77.9 116.9
141 31.8 25.9 38.9





#43

2,4,6-Trichlorophenol

Concen: 43.955 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

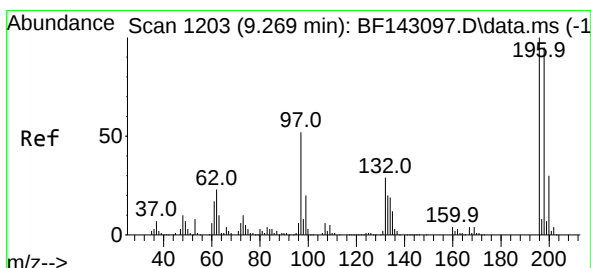
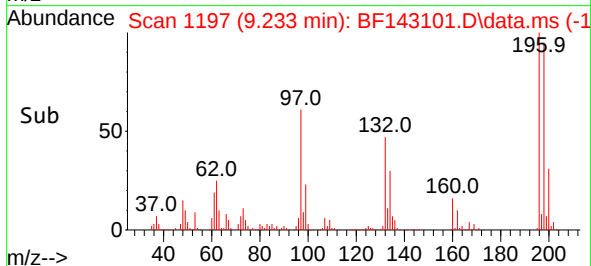
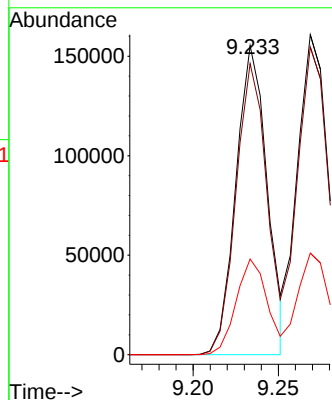
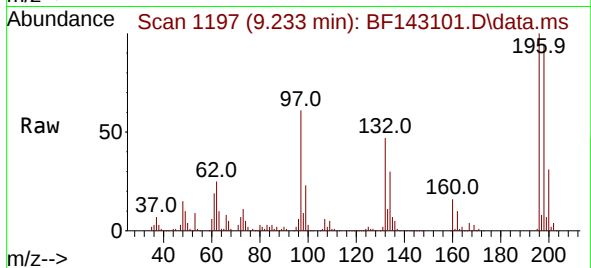
Tgt Ion:196 Resp: 197565

Ion Ratio Lower Upper

196 100

198 94.2 76.9 115.3

200 30.9 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 43.001 ng

RT: 9.269 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Tgt Ion:196 Resp: 202658

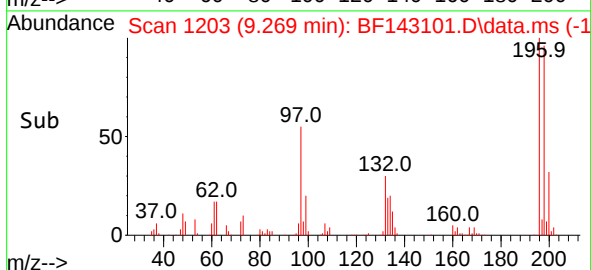
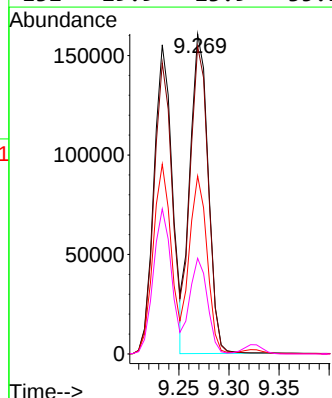
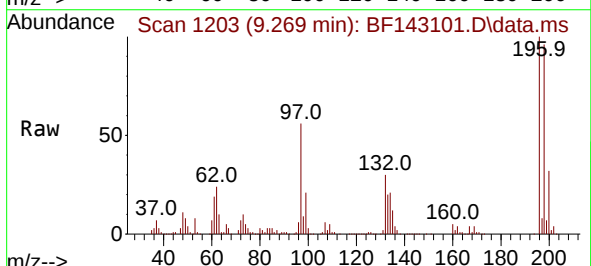
Ion Ratio Lower Upper

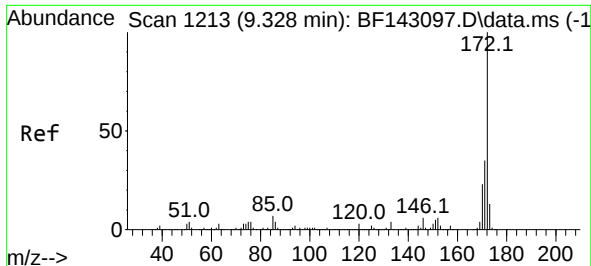
196 100

198 96.1 76.4 114.6

97 55.6 42.4 63.6

132 29.9 23.9 35.9

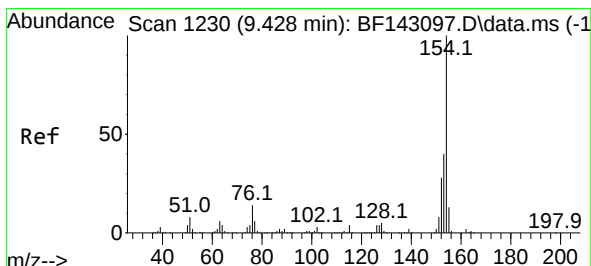
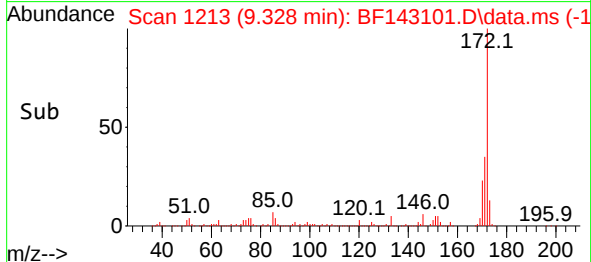
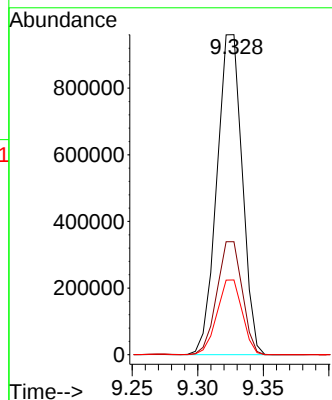
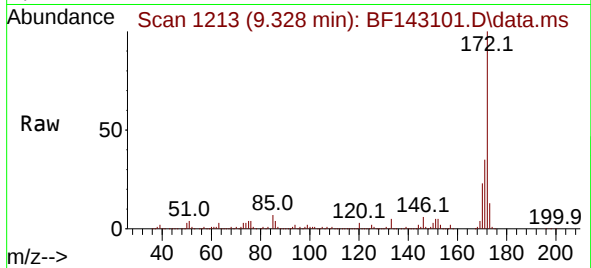




#45
2-Fluorobiphenyl
Concen: 69.090 ng
RT: 9.328 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

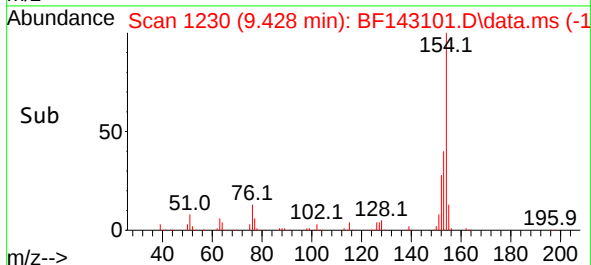
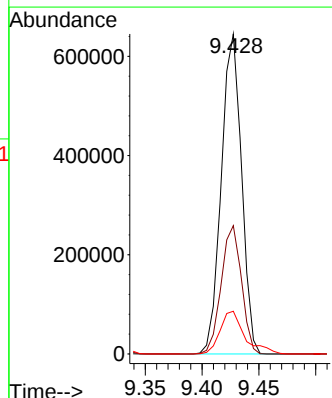
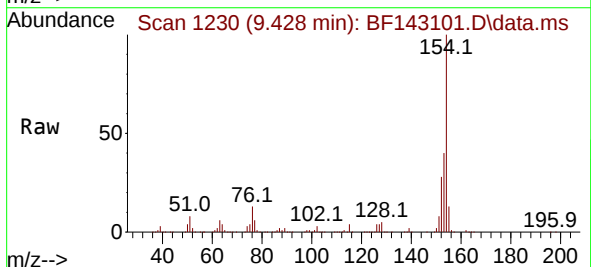
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

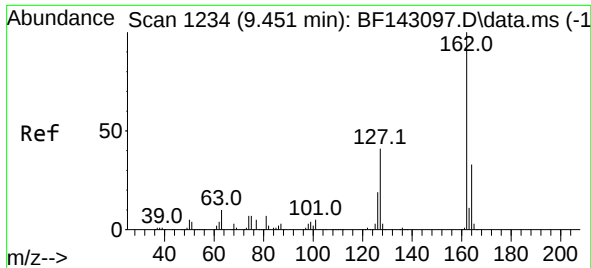
Tgt Ion:172 Resp: 1290148
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.387 ng
RT: 9.428 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:154 Resp: 799467
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 13.4 0.0 33.7





#47

2-Chloronaphthalene

Concen: 40.207 ng

RT: 9.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

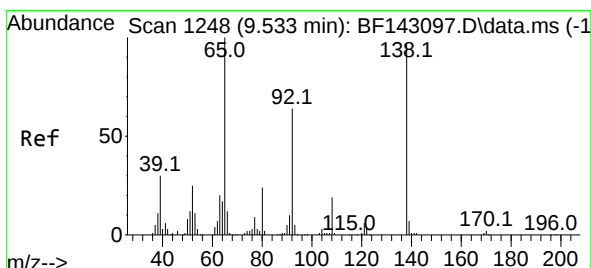
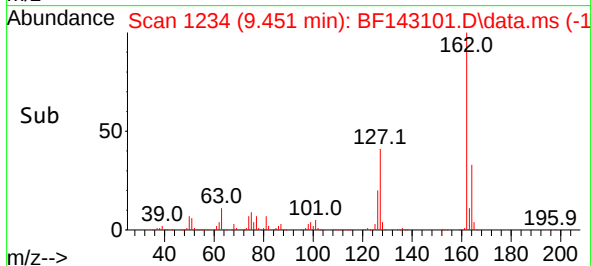
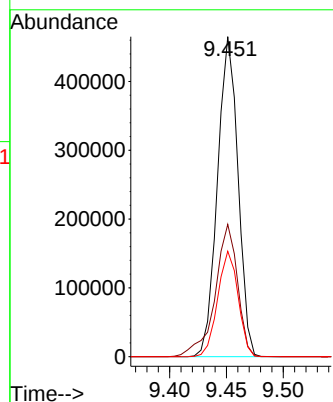
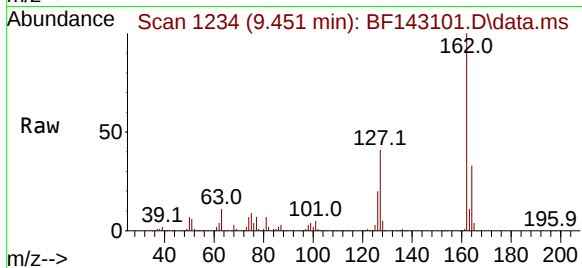
Tgt Ion:162 Resp: 584687

Ion Ratio Lower Upper

162 100

127 41.3 33.0 49.6

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 43.148 ng

RT: 9.539 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

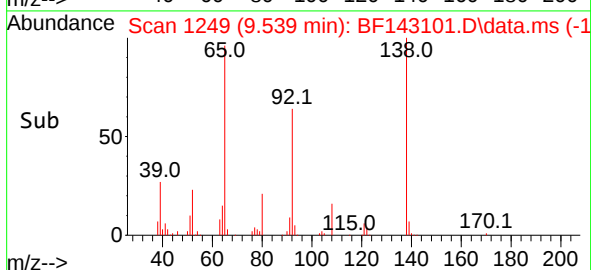
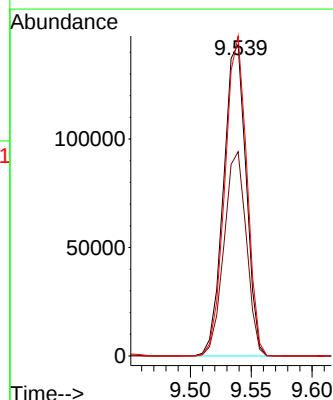
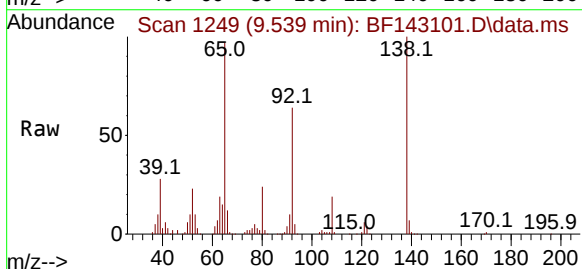
Tgt Ion: 65 Resp: 185847

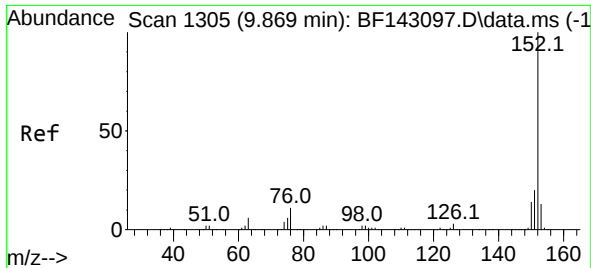
Ion Ratio Lower Upper

65 100

92 65.6 51.3 76.9

138 102.7 77.8 116.6





#49

Acenaphthylene

Concen: 40.736 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

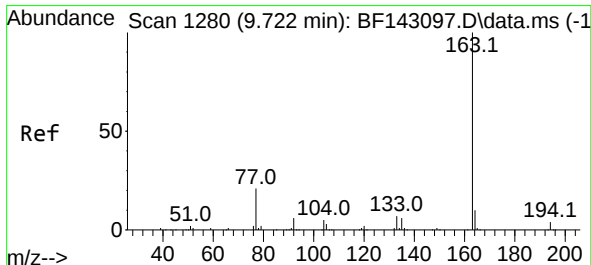
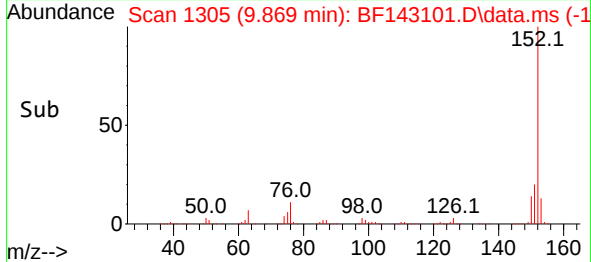
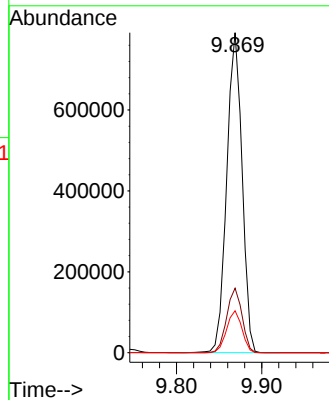
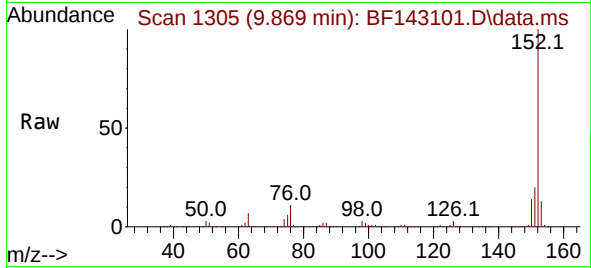
Tgt Ion:152 Resp: 987106

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 41.279 ng

RT: 9.722 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

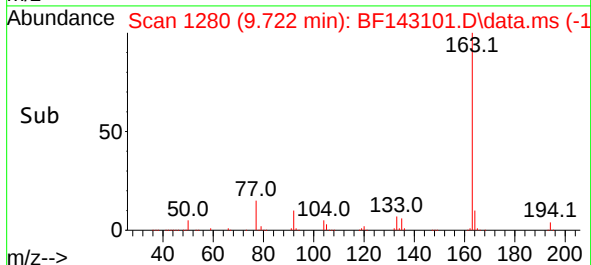
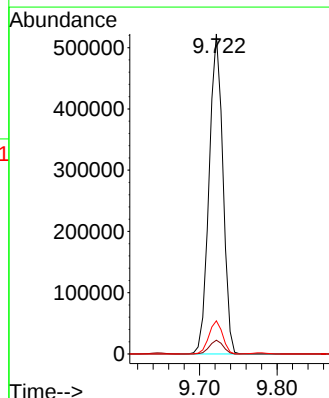
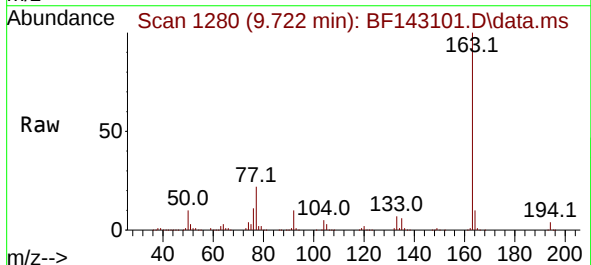
Tgt Ion:163 Resp: 644618

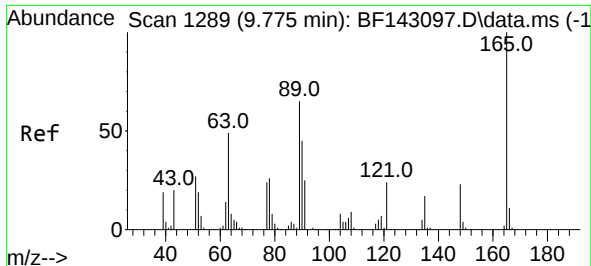
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.3 8.2 12.2

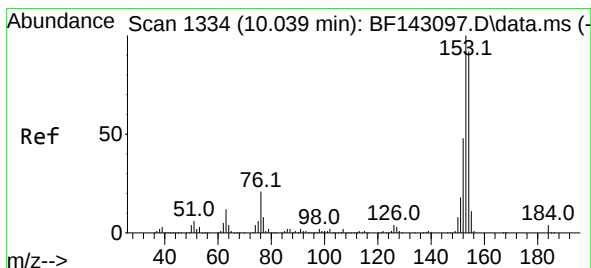
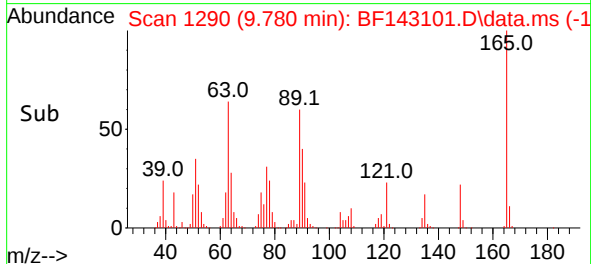
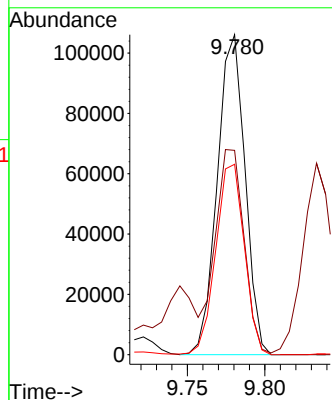
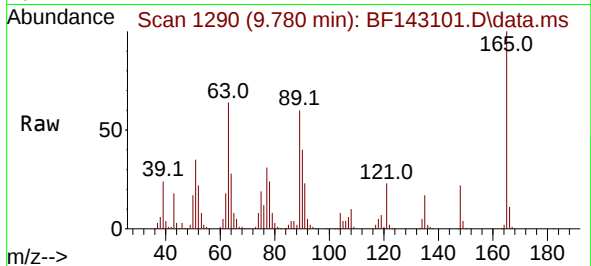




#51
2,6-Dinitrotoluene
Concen: 43.156 ng
RT: 9.780 min Scan# 1289
Delta R.T. 0.005 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

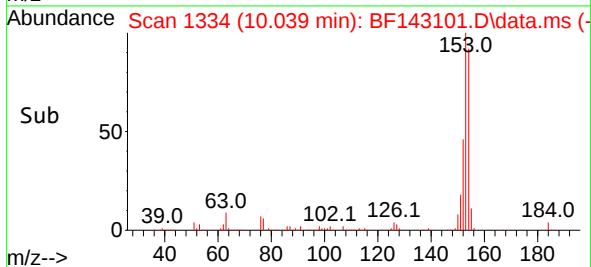
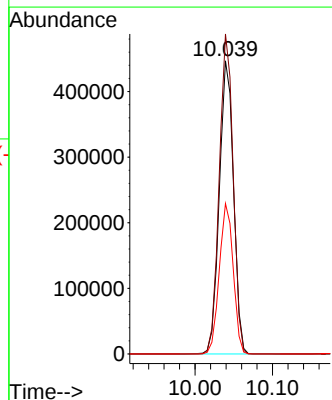
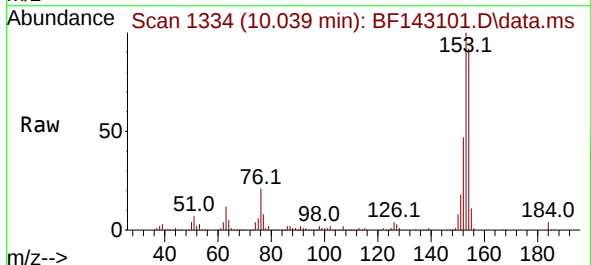
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

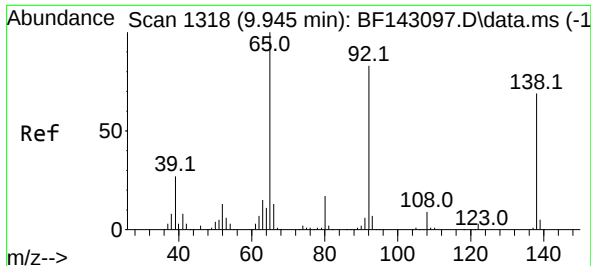
Tgt Ion:165 Resp: 132241
Ion Ratio Lower Upper
165 100
63 63.9 57.4 86.0
89 59.5 51.8 77.8



#52
Acenaphthene
Concen: 39.982 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:154 Resp: 571724
Ion Ratio Lower Upper
154 100
153 109.2 86.7 130.1
152 51.3 41.4 62.2

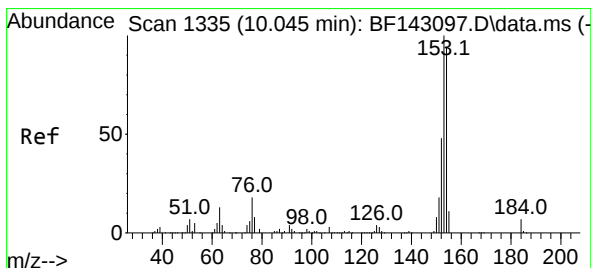
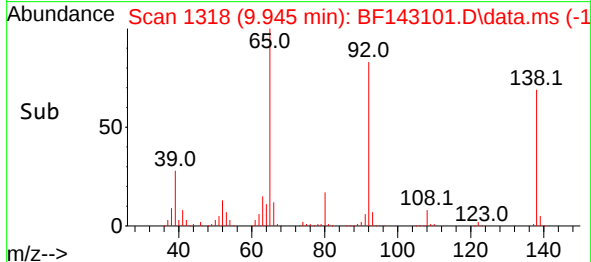
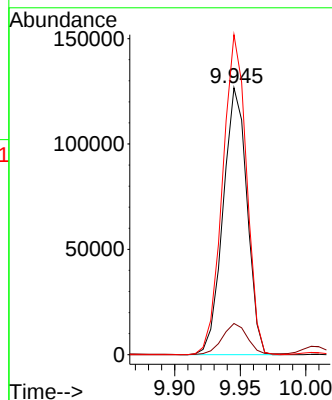
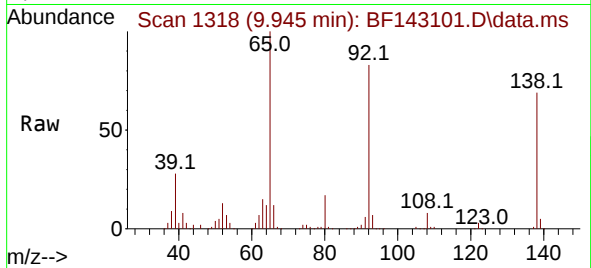




#53
3-Nitroaniline
Concen: 47.707 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

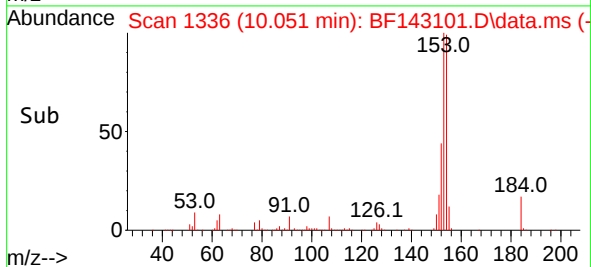
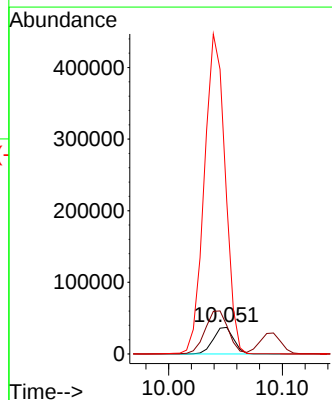
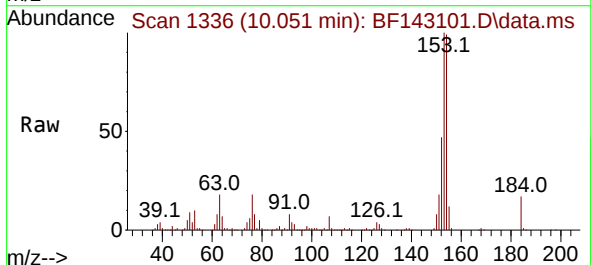
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

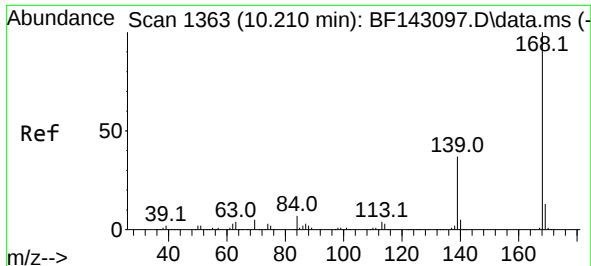
Tgt Ion:138 Resp: 160978
Ion Ratio Lower Upper
138 100
108 11.7 10.1 15.1
92 119.9 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 47.113 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:184 Resp: 46465
Ion Ratio Lower Upper
184 100
63 106.9 149.3 223.9#
154 573.8 1048.0 1572.0#

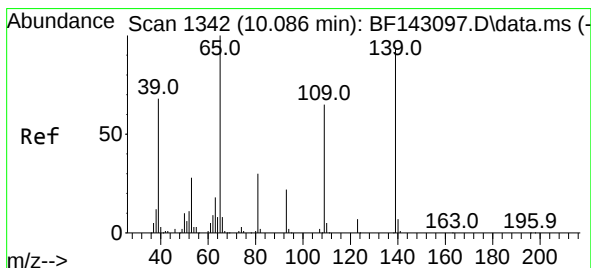
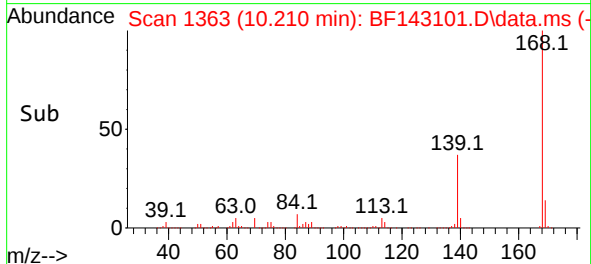
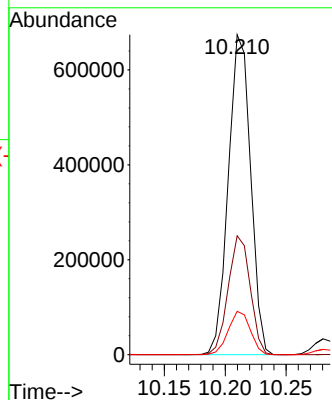
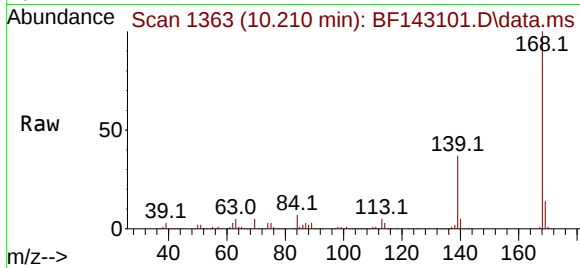




#55
Dibenzenofuran
Concen: 40.300 ng
RT: 10.210 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

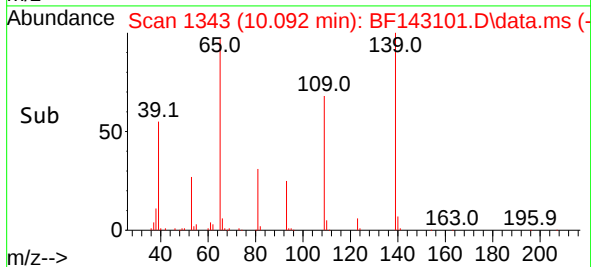
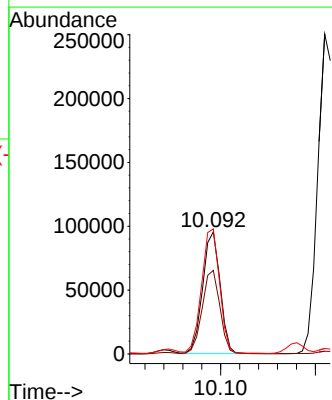
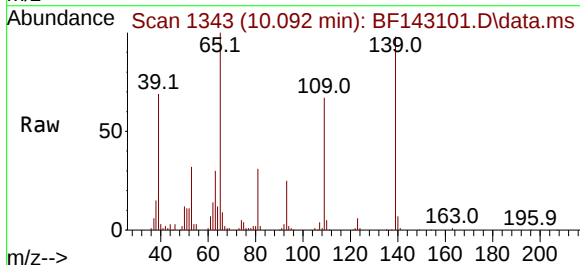
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

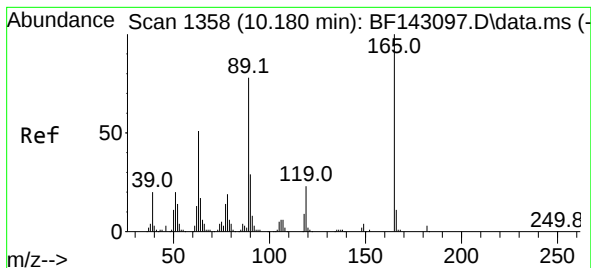
Tgt Ion:168 Resp: 858944
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 45.720 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:139 Resp: 122610
Ion Ratio Lower Upper
139 100
109 68.4 49.4 89.4
65 102.5 88.2 128.2

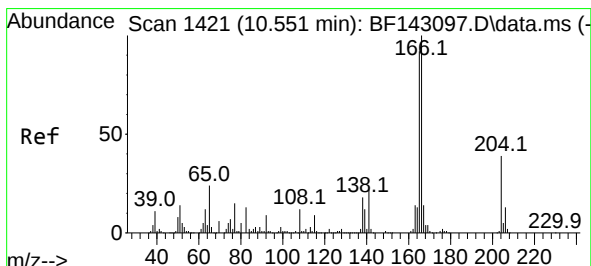
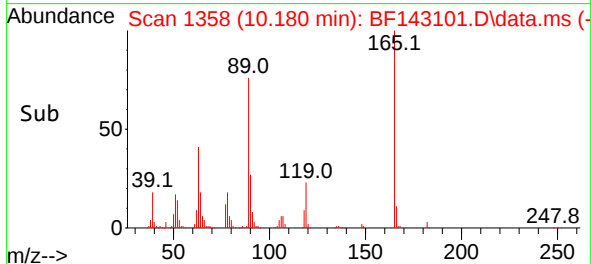
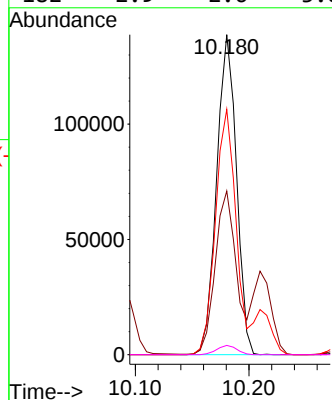
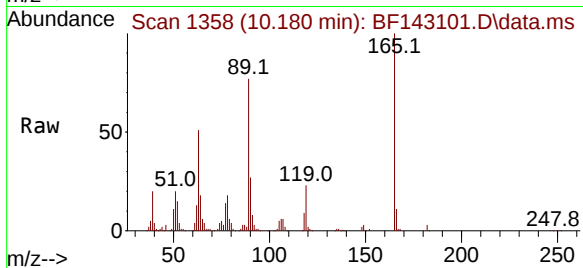




#57
2,4-Dinitrotoluene
Concen: 43.964 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

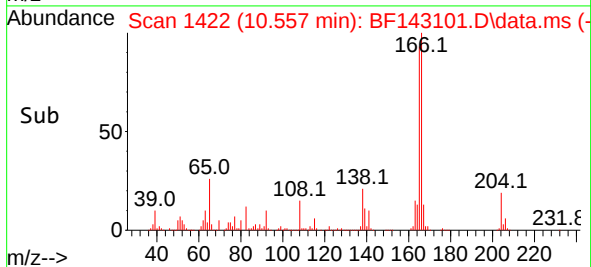
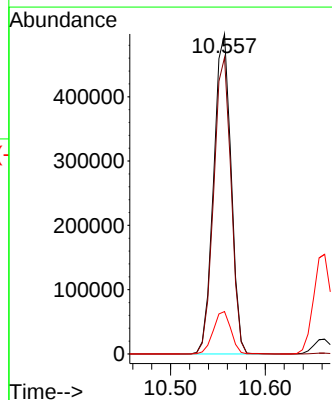
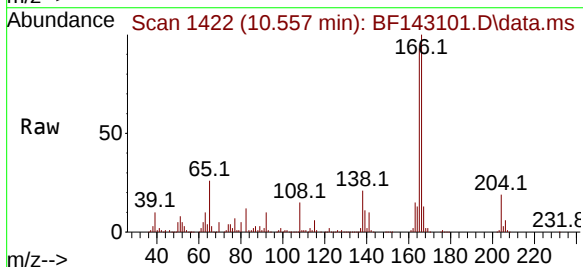
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

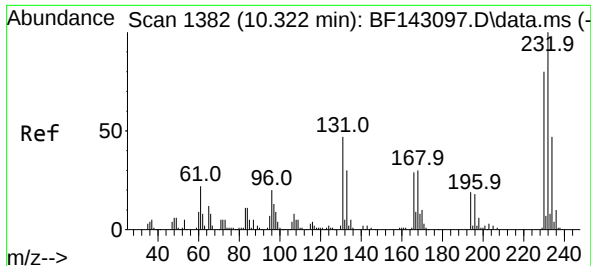
Tgt Ion:165 Resp: 168227
Ion Ratio Lower Upper
165 100
63 51.2 40.6 61.0
89 76.6 62.3 93.5
182 2.9 2.6 3.8



#58
Fluorene
Concen: 39.732 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:166 Resp: 634897
Ion Ratio Lower Upper
166 100
165 92.6 73.7 110.5
167 13.3 10.9 16.3

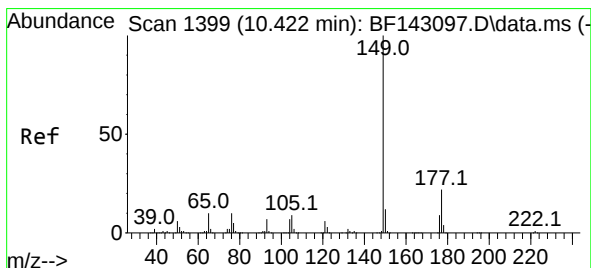
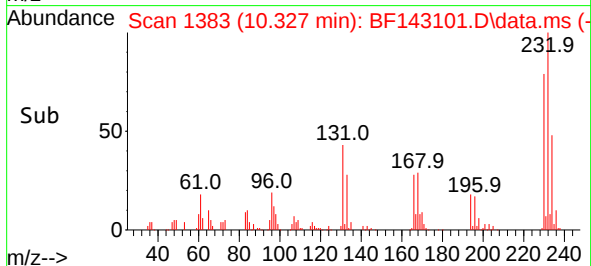
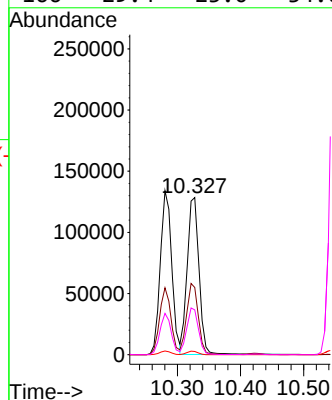
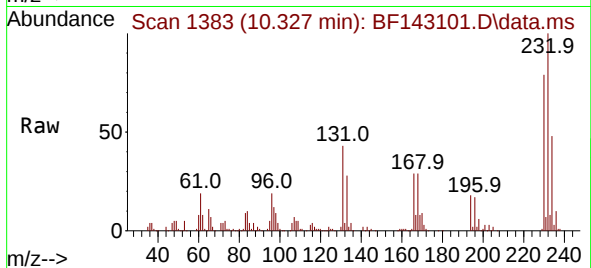




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.902 ng
RT: 10.327 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

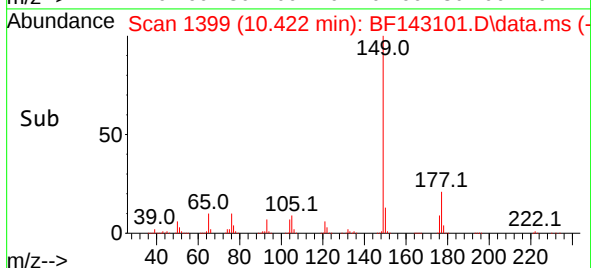
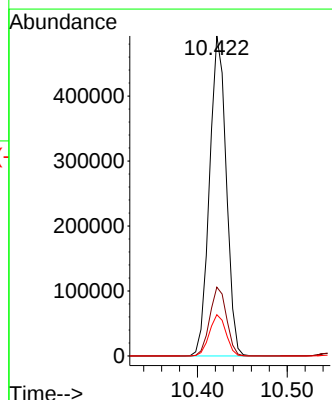
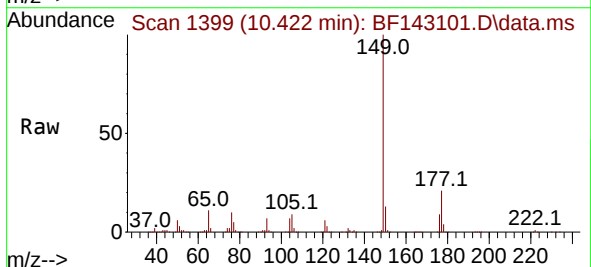
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

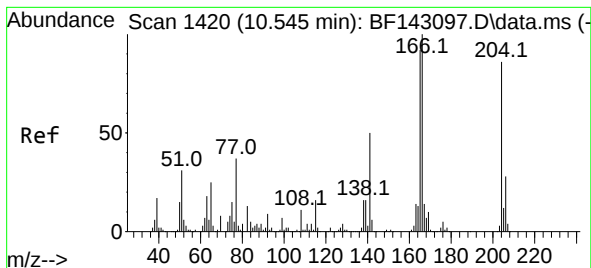
Tgt Ion:232 Resp: 168172
Ion Ratio Lower Upper
232 100
131 44.4 36.9 55.3
130 2.1 1.8 2.8
166 29.4 23.0 34.6



#60
Diethylphthalate
Concen: 42.297 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:149 Resp: 637247
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.9 9.9 14.9

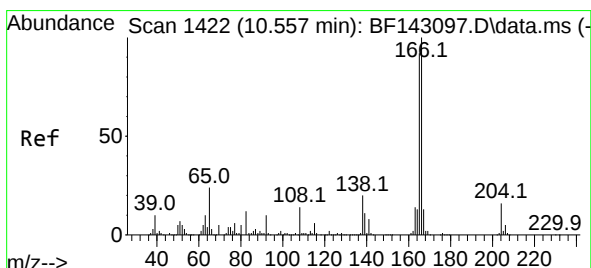
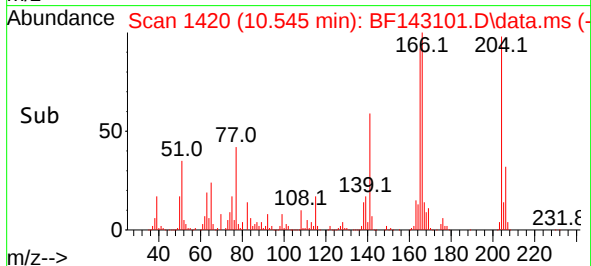
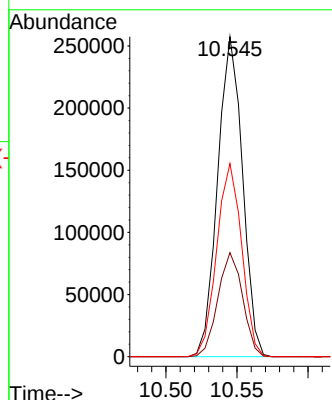
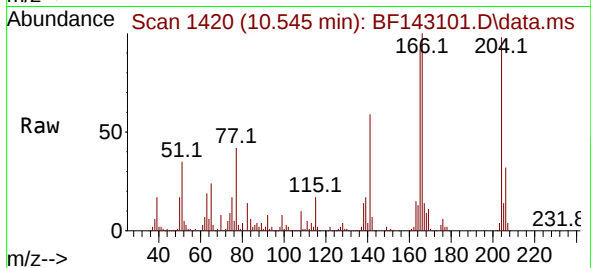




#61
4-Chlorophenyl-phenylether
Concen: 40.882 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

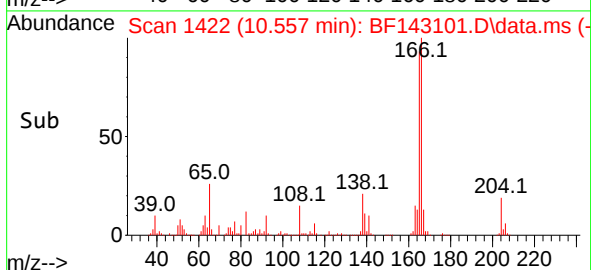
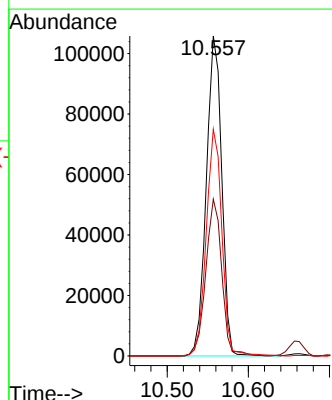
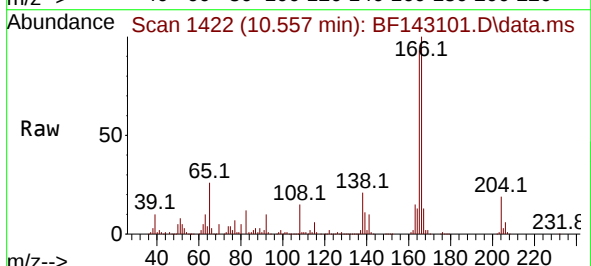
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

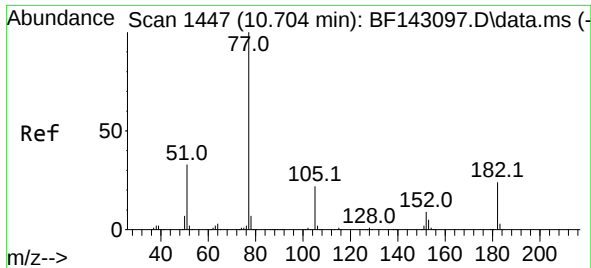
Tgt Ion:204 Resp: 313111
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 60.4 46.8 70.2



#62
4-Nitroaniline
Concen: 47.486 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:138 Resp: 139342
Ion Ratio Lower Upper
138 100
92 49.0 30.4 70.4
108 70.8 49.5 89.5

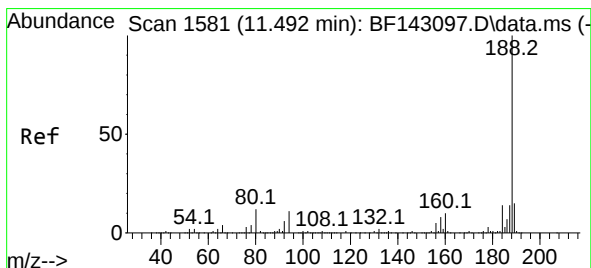
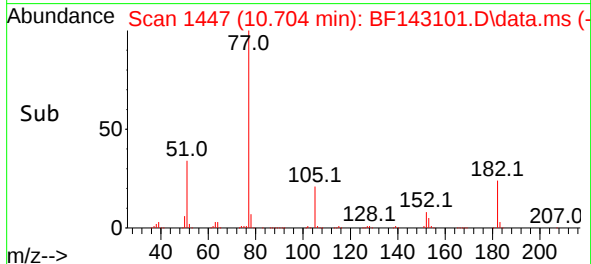
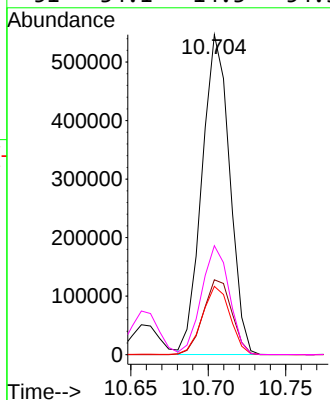
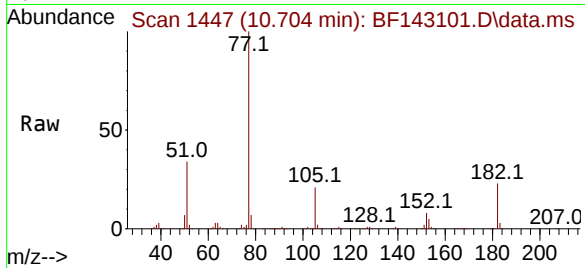




#63
Azobenzene
Concen: 40.833 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

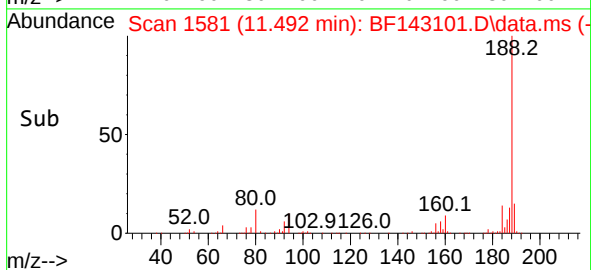
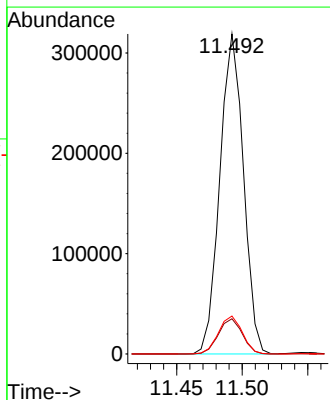
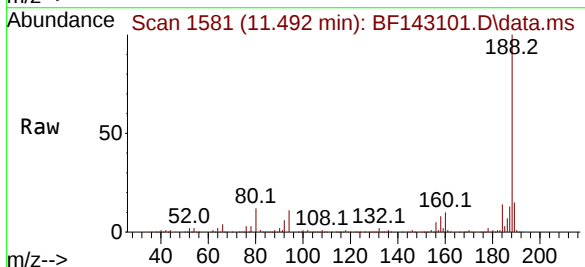
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

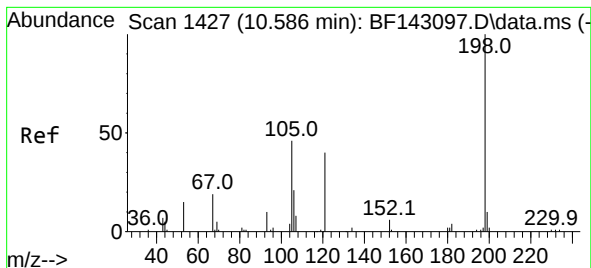
Tgt Ion: 77	Resp: 680354
Ion Ratio	Lower Upper
77 100	
182 23.4	4.0 44.0
105 21.3	1.4 41.4
51 34.1	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:188	Resp: 398969
Ion Ratio	Lower Upper
188 100	
94 11.0	8.6 13.0
80 11.9	9.3 13.9

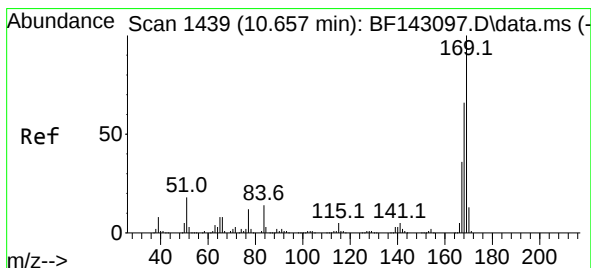
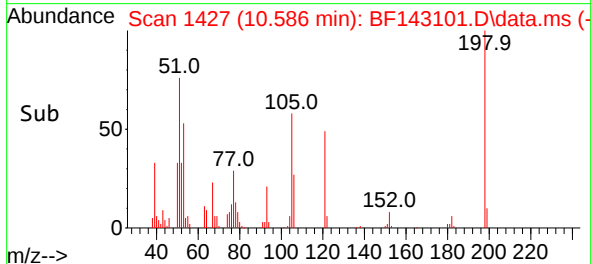
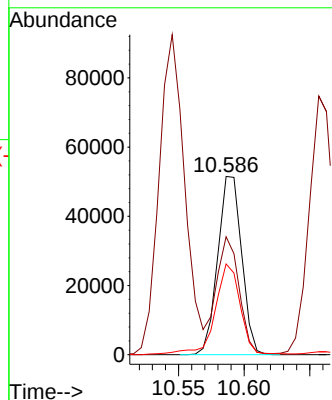
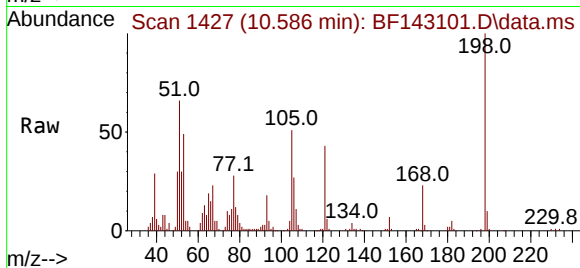




#65
4,6-Dinitro-2-methylphenol
Concen: 44.754 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

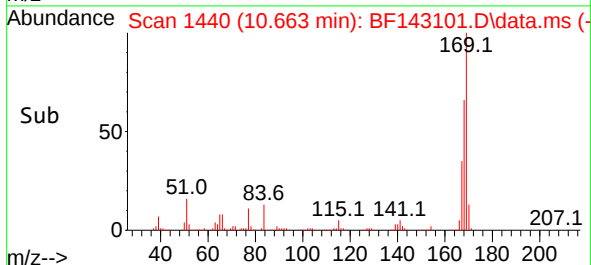
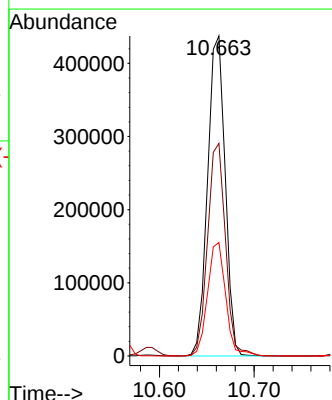
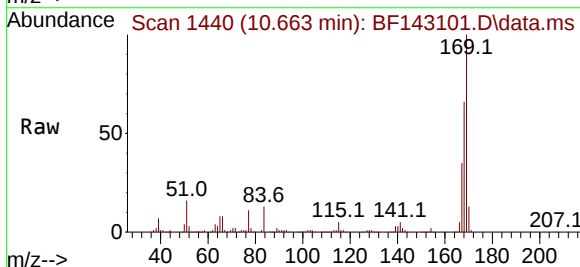
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

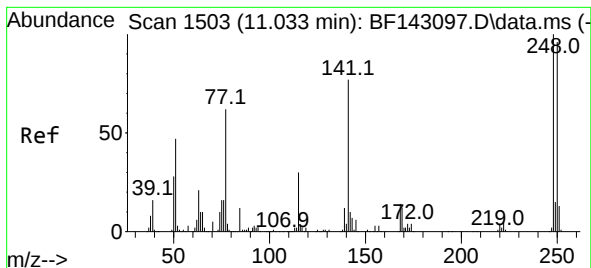
Tgt Ion:198 Resp: 65266
Ion Ratio Lower Upper
198 100
51 66.2 44.6 84.6
105 50.9 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 40.179 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:169 Resp: 563086
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 35.5 28.4 42.6

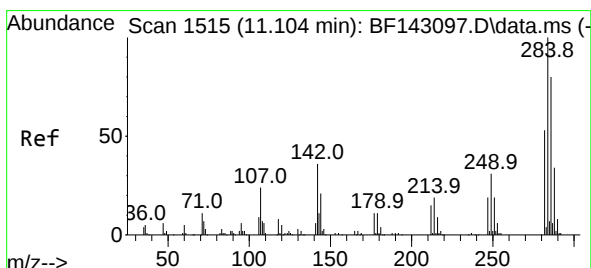
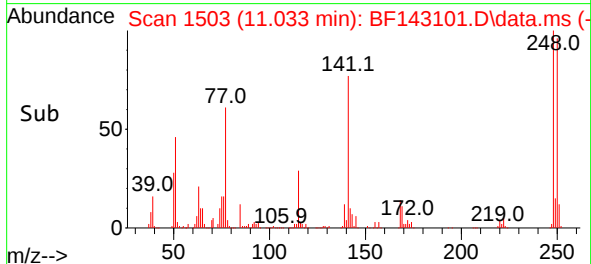
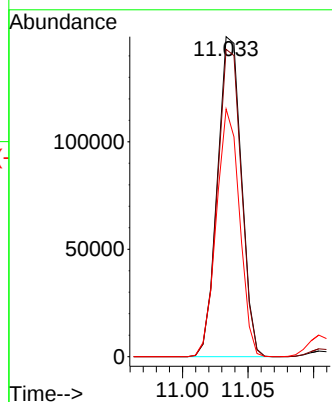
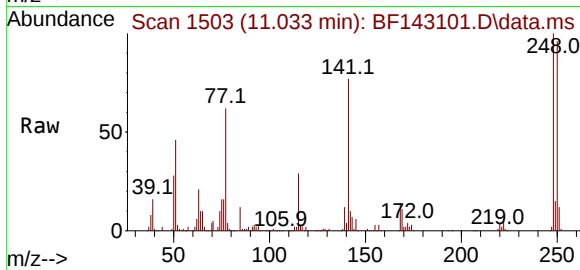




#67
4-Bromophenyl-phenylether
Concen: 41.782 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

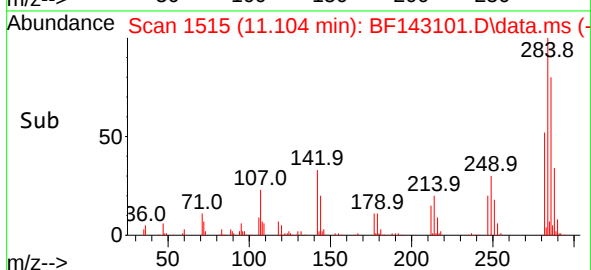
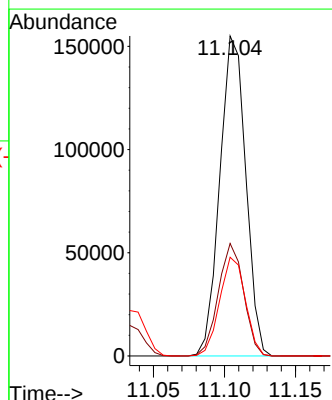
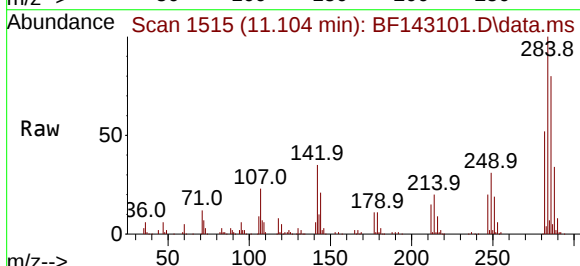
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

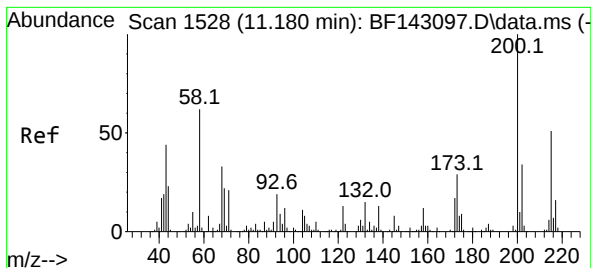
Tgt Ion:248 Resp: 189573
Ion Ratio Lower Upper
248 100
250 96.0 76.7 115.1
141 77.4 61.7 92.5



#68
Hexachlorobenzene
Concen: 40.915 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:284 Resp: 196969
Ion Ratio Lower Upper
284 100
142 35.1 28.9 43.3
249 30.9 24.6 37.0





#69

Atrazine

Concen: 44.273 ng

RT: 11.180 min Scan# 1528

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

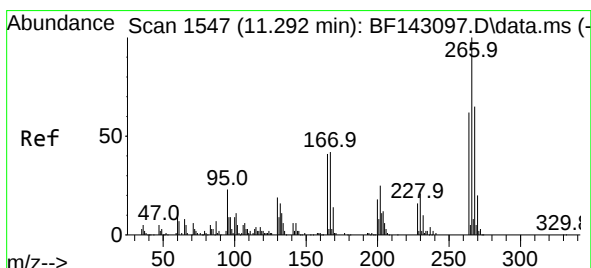
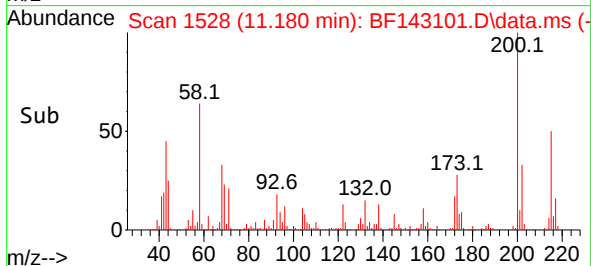
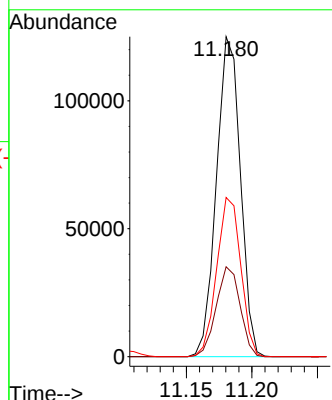
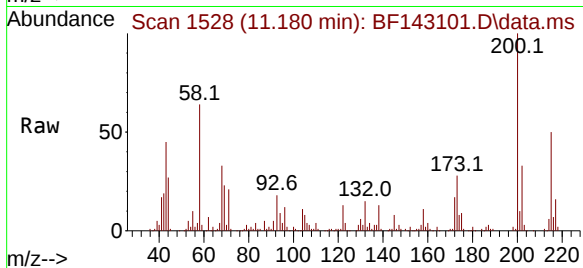
Tgt Ion:200 Resp: 158741

Ion Ratio Lower Upper

200 100

173 28.1 9.1 49.1

215 49.8 31.0 71.0



#70

Pentachlorophenol

Concen: 44.978 ng

RT: 11.292 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

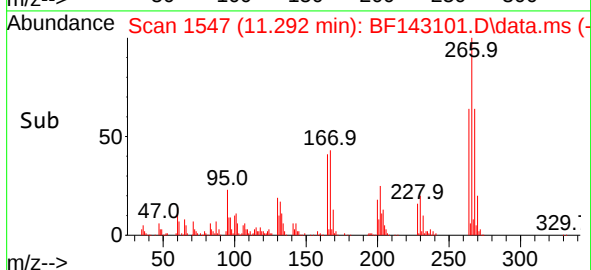
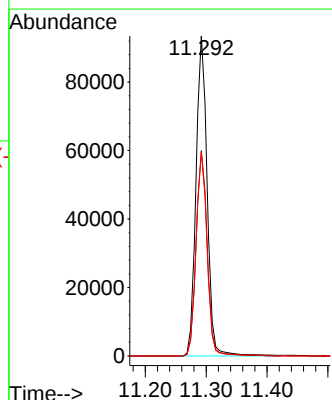
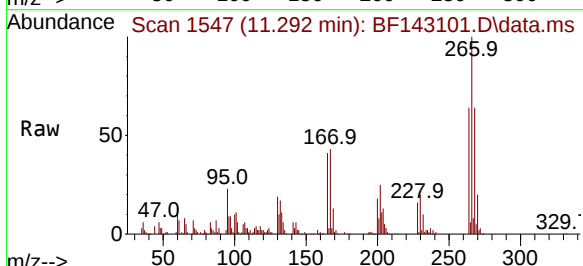
Tgt Ion:266 Resp: 118797

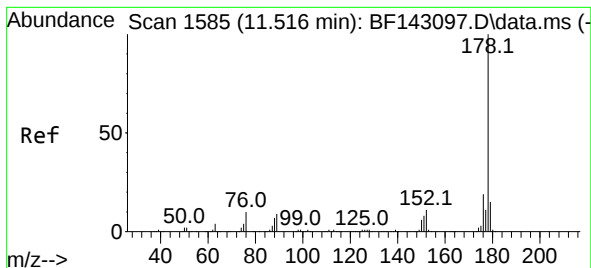
Ion Ratio Lower Upper

266 100

268 64.1 51.8 77.6

264 63.7 49.7 74.5





#71

Phenanthrene

Concen: 40.469 ng

RT: 11.516 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

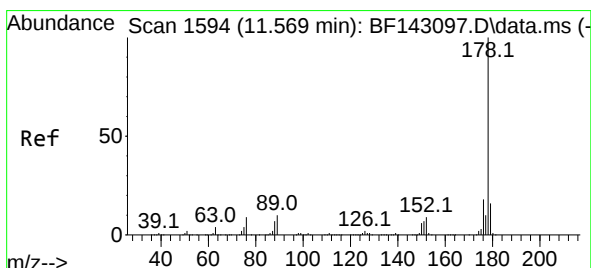
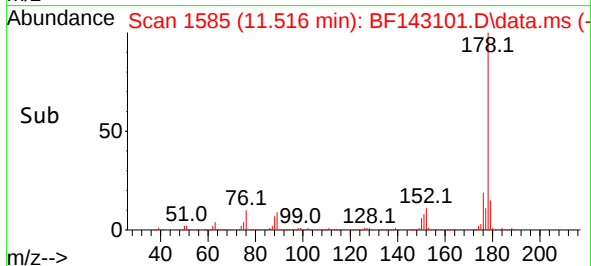
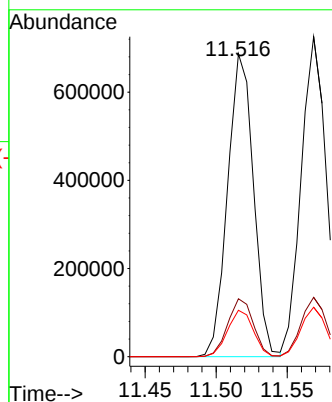
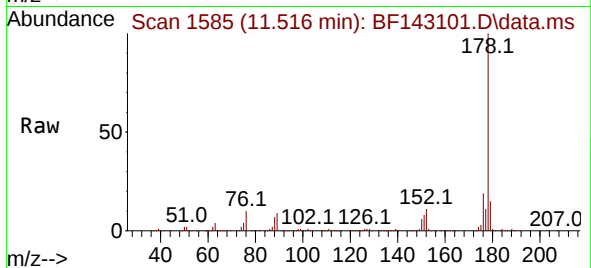
Tgt Ion:178 Resp: 871369

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.3 12.2 18.4



#72

Anthracene

Concen: 40.999 ng

RT: 11.569 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

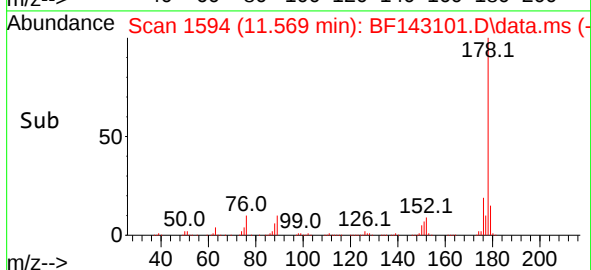
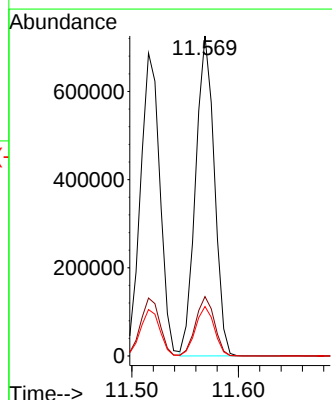
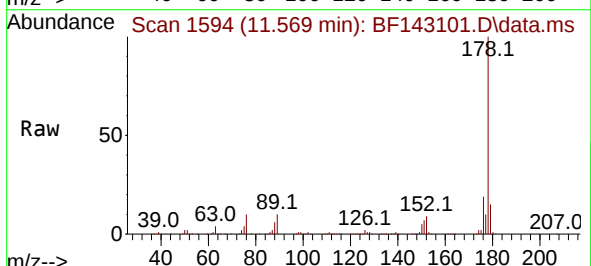
Tgt Ion:178 Resp: 887738

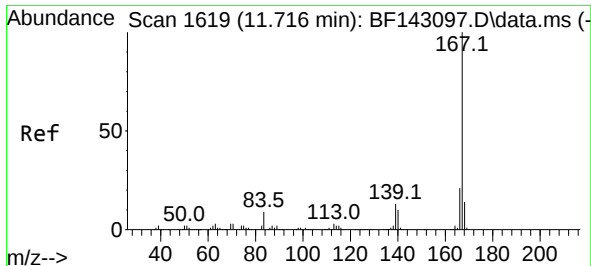
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.5 12.4 18.6

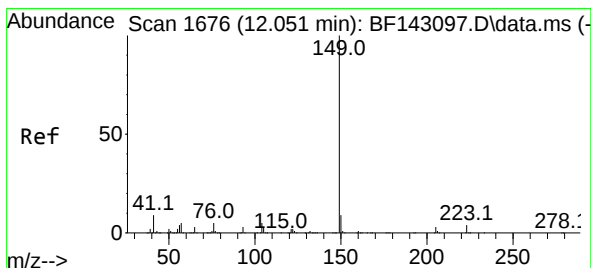
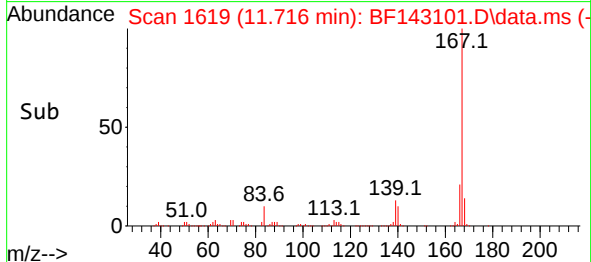
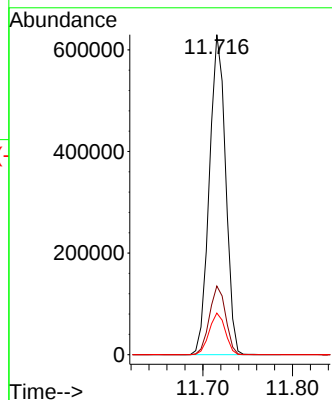
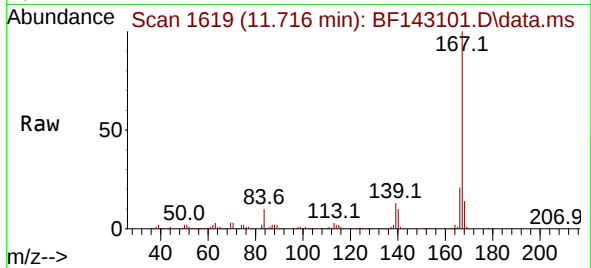




#73
 Carbazole
 Concen: 40.823 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: BF143101.D
 Acq: 15 Jul 2025 17:27

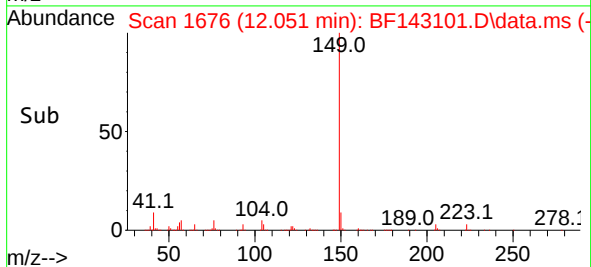
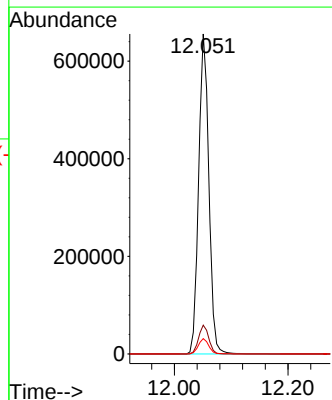
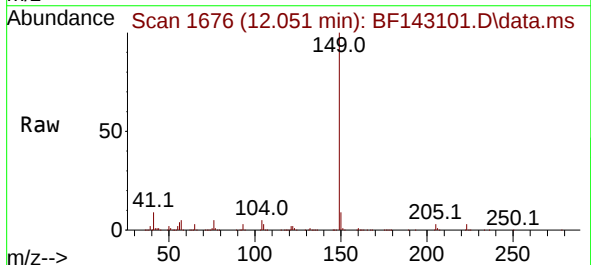
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071525

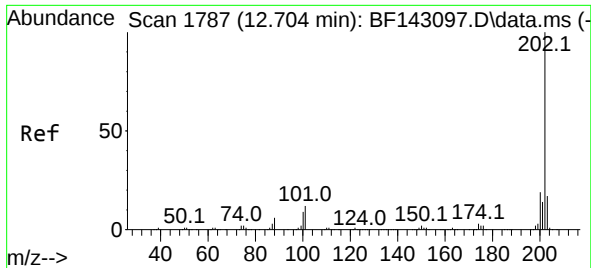
Tgt Ion:167 Resp: 791886
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 13.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 46.099 ng
 RT: 12.051 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF143101.D
 Acq: 15 Jul 2025 17:27

Tgt Ion:149 Resp: 820833
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.8 3.8 5.8

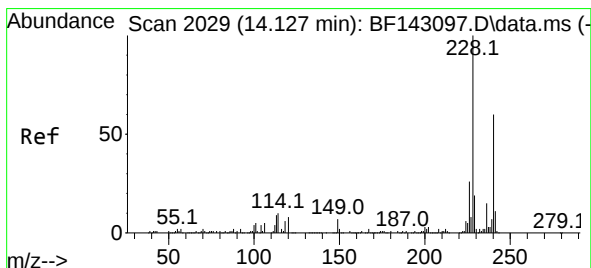
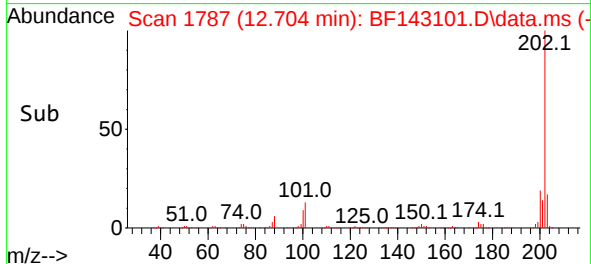
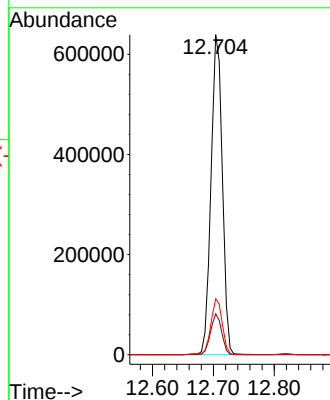
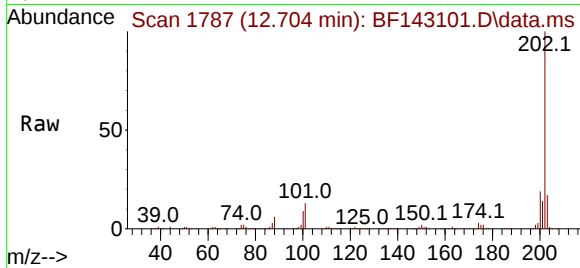




#75
Fluoranthene
Concen: 42.113 ng
RT: 12.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

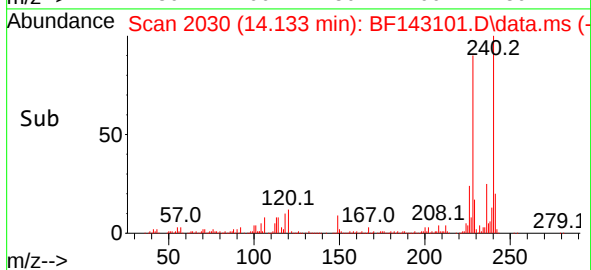
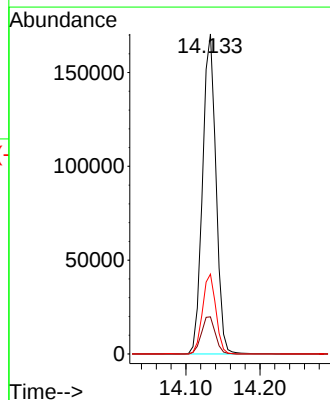
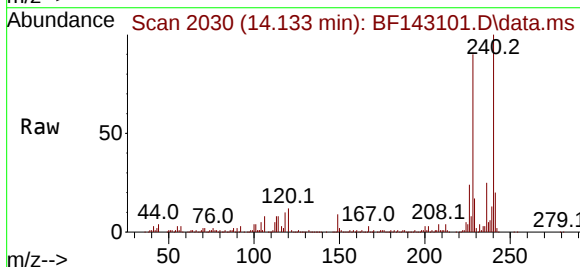
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

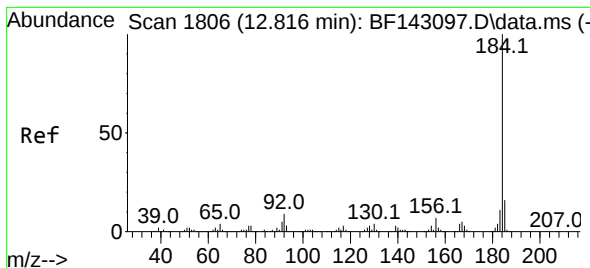
Tgt Ion:202 Resp: 824497
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.4
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:240 Resp: 215152
Ion Ratio Lower Upper
240 100
120 11.6 10.0 15.0
236 24.9 20.0 30.0





#77

Benzidine

Concen: 47.827 ng

RT: 12.816 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

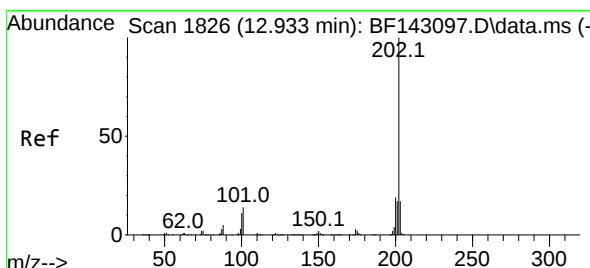
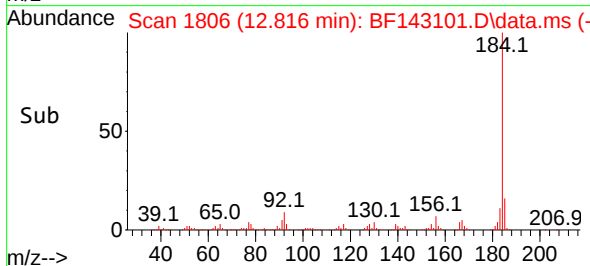
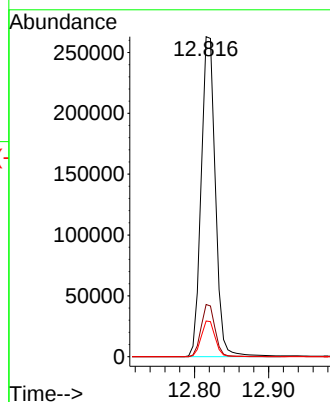
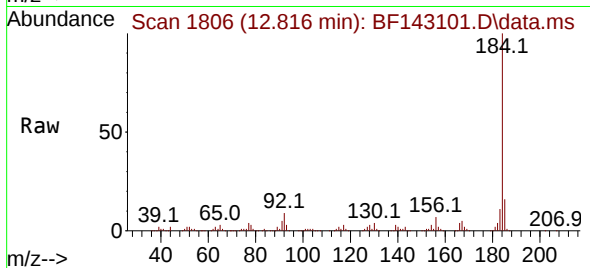
Tgt Ion:184 Resp: 350573

Ion Ratio Lower Upper

184 100

185 16.3 12.4 18.6

183 11.1 8.6 12.8



#78

Pyrene

Concen: 41.087 ng

RT: 12.933 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

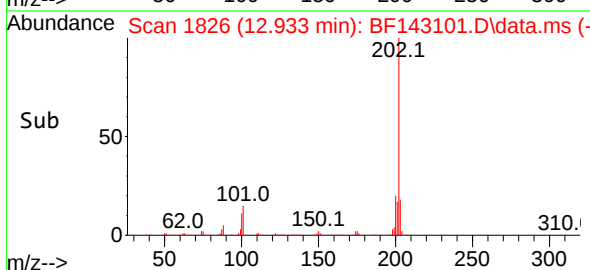
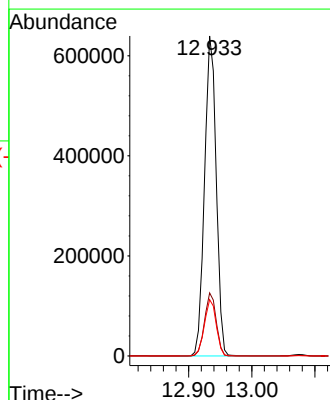
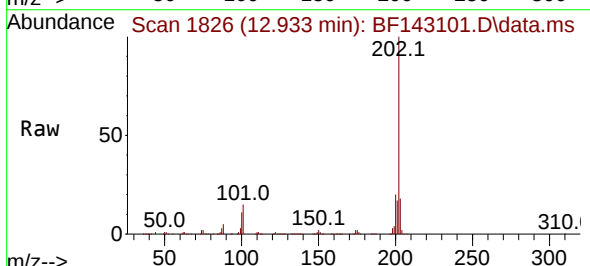
Tgt Ion:202 Resp: 820201

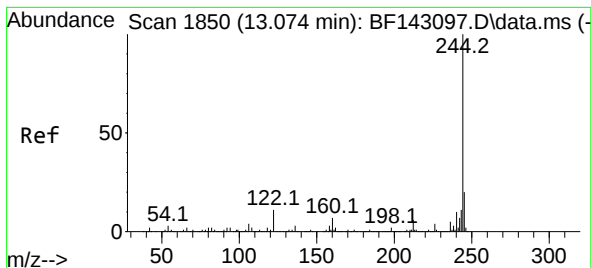
Ion Ratio Lower Upper

202 100

200 19.7 15.5 23.3

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 72.317 ng

RT: 13.074 min Scan# 1850

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

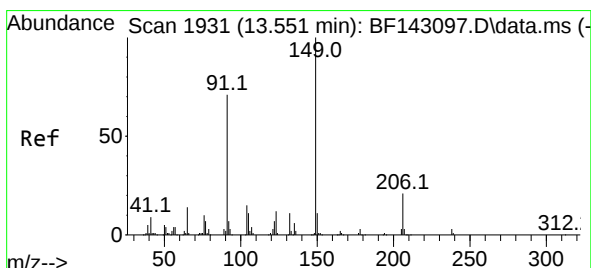
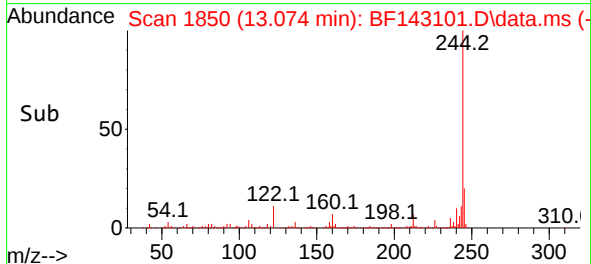
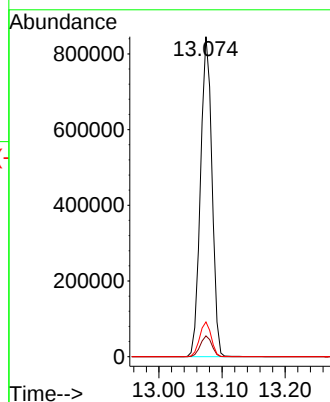
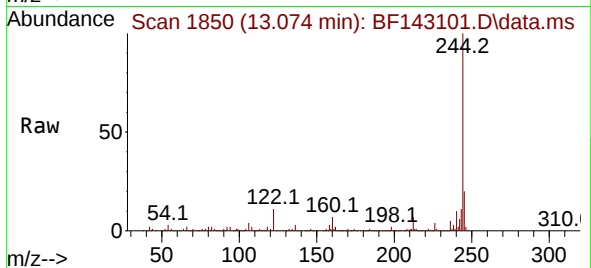
Tgt Ion:244 Resp: 1064372

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.9 8.8 13.2



#80

Butylbenzylphthalate

Concen: 43.340 ng

RT: 13.551 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

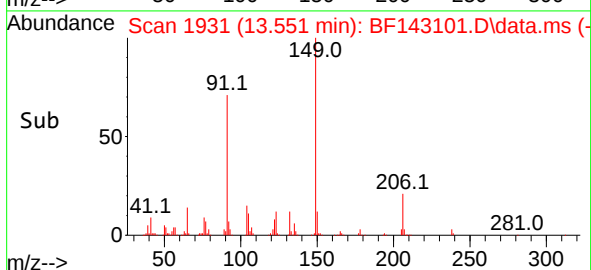
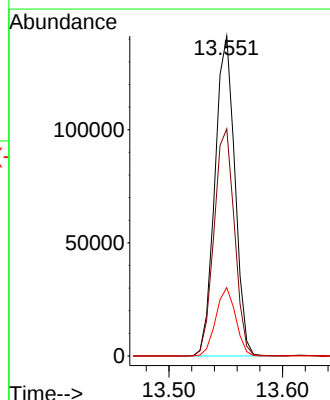
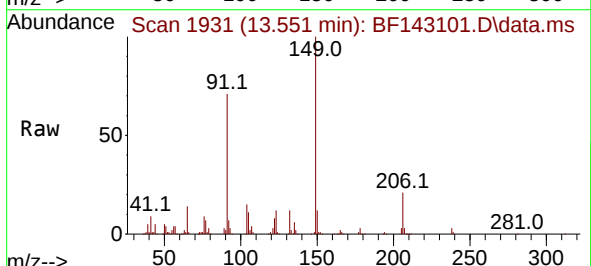
Tgt Ion:149 Resp: 172390

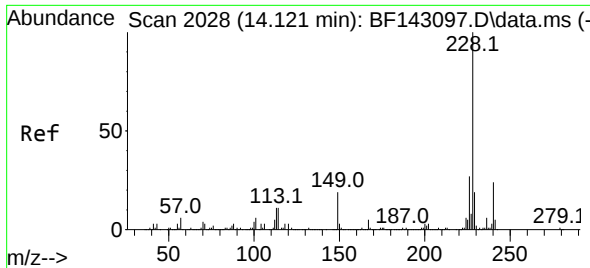
Ion Ratio Lower Upper

149 100

91 71.0 57.0 85.4

206 21.3 17.2 25.8

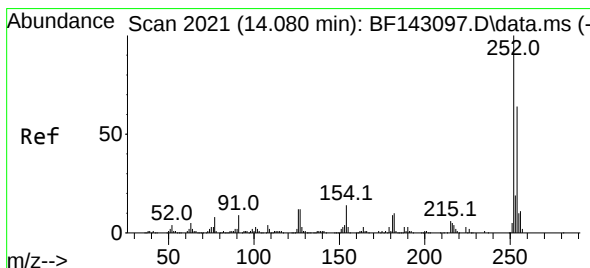
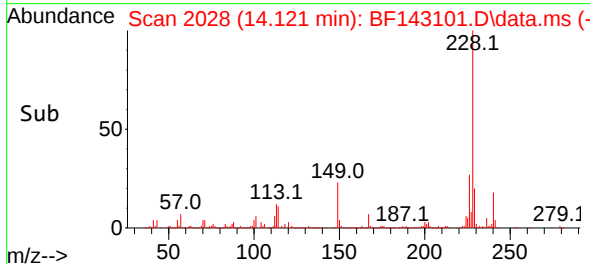
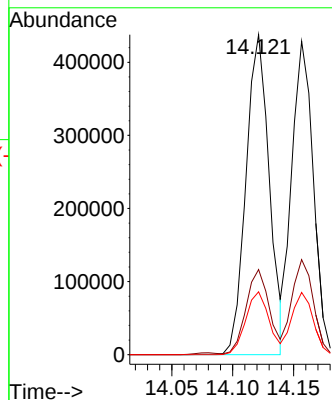
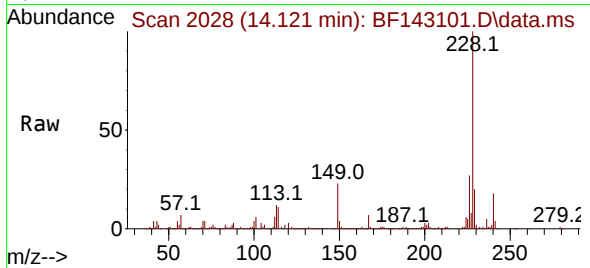




#81
Benzo(a)anthracene
Concen: 40.719 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

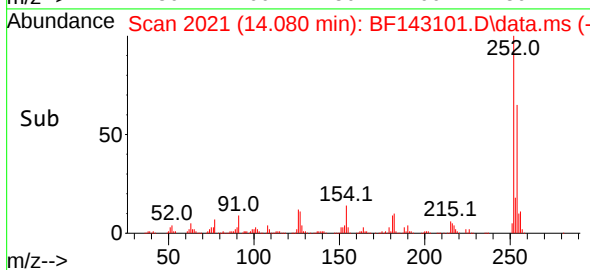
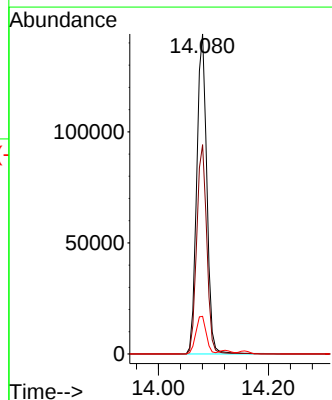
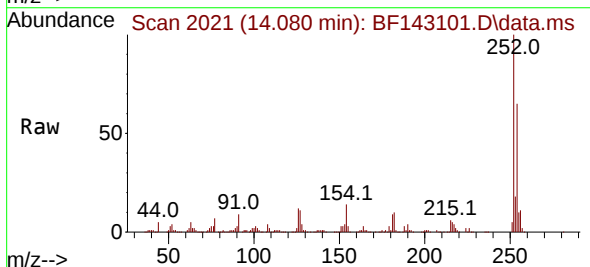
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

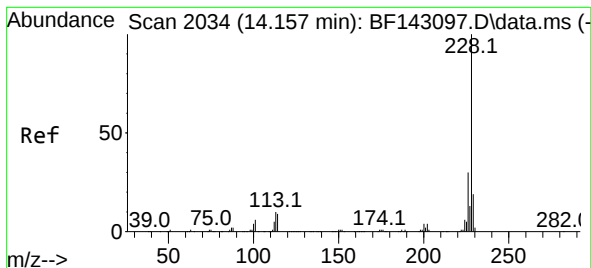
Tgt Ion:228 Resp: 583794
Ion Ratio Lower Upper
228 100
226 26.6 21.3 31.9
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 44.044 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:252 Resp: 183371
Ion Ratio Lower Upper
252 100
254 65.4 51.5 77.3
126 11.7 9.4 14.0





#83

Chrysene

Concen: 40.139 ng

RT: 14.157 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

Instrument :

BNA_F

ClientSampleId :

ICVBF071525

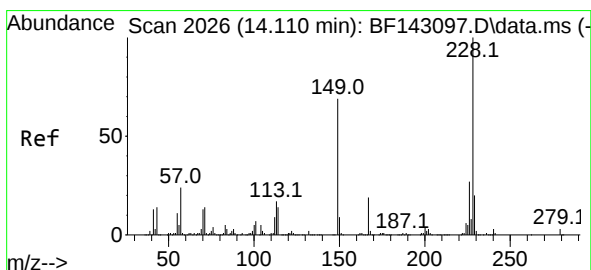
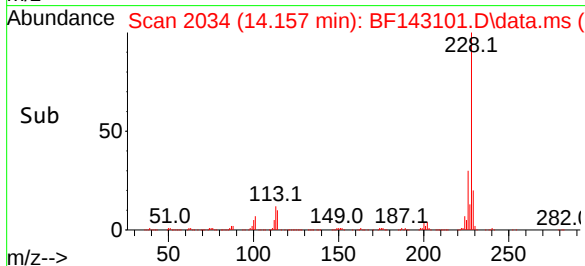
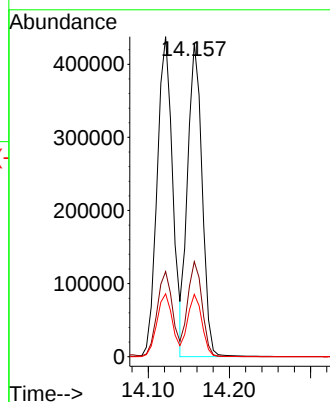
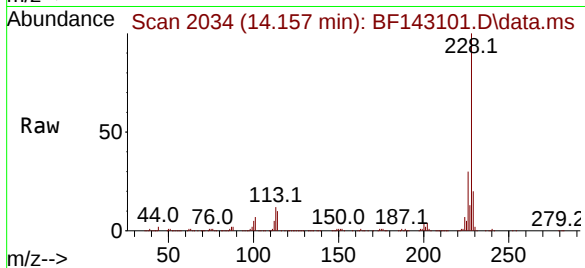
Tgt Ion:228 Resp: 530018

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

229 19.8 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.166 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143101.D

Acq: 15 Jul 2025 17:27

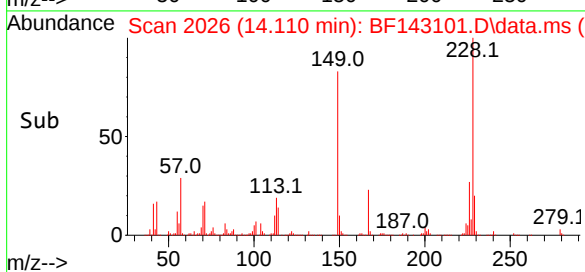
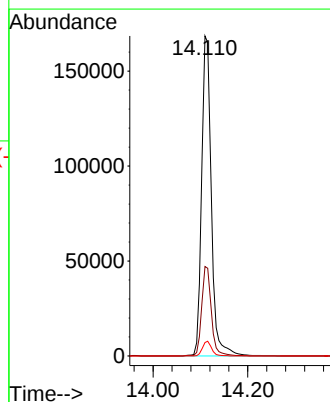
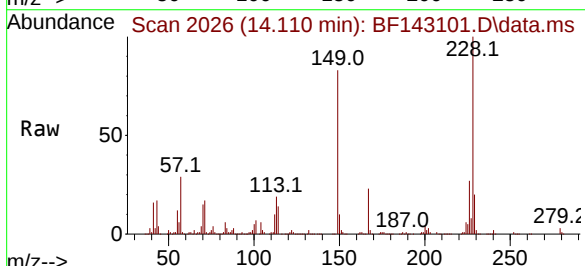
Tgt Ion:149 Resp: 239329

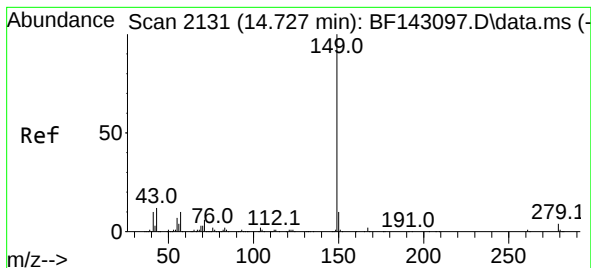
Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

279 4.2 3.4 5.0

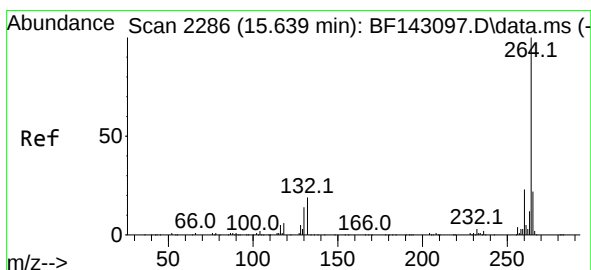
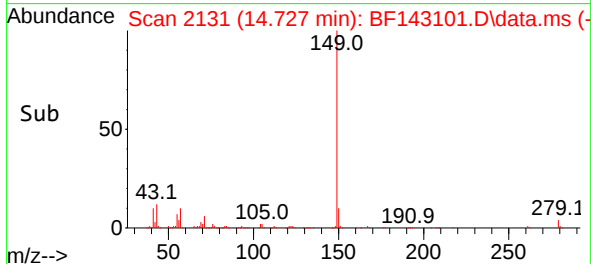
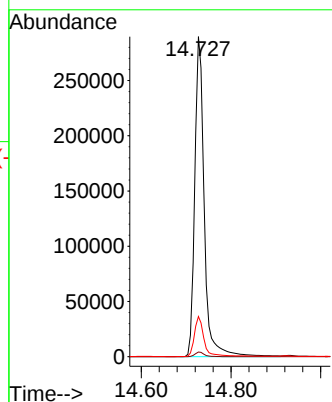
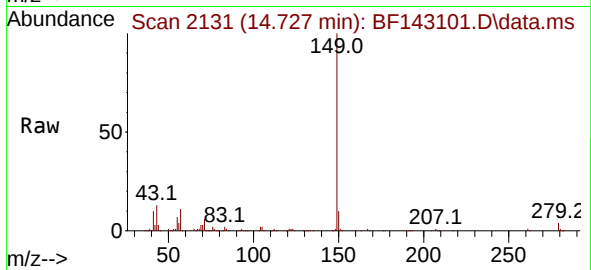




#85
Di-n-octyl phthalate
Concen: 38.648 ng
RT: 14.727 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

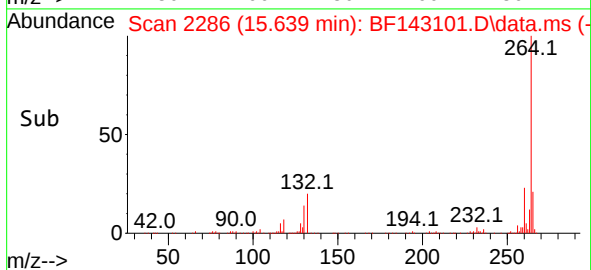
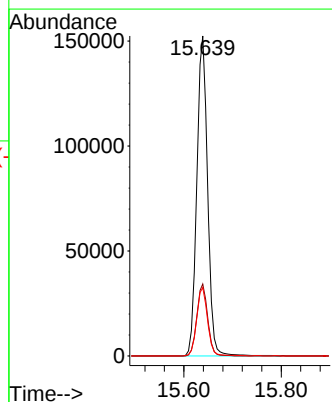
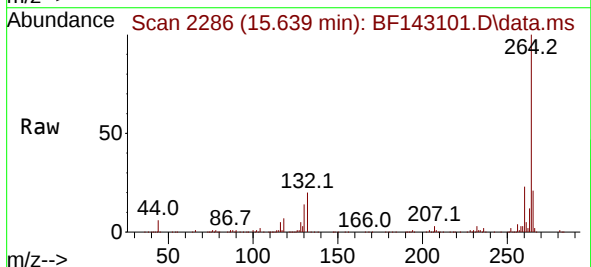
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

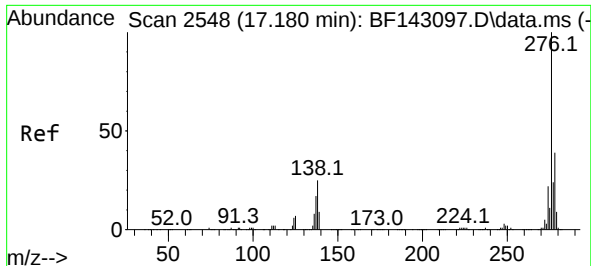
Tgt Ion:149 Resp: 424959
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 13.5 10.6 16.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:264 Resp: 235493
Ion Ratio Lower Upper
264 100
260 22.5 18.5 27.7
265 21.3 17.5 26.3

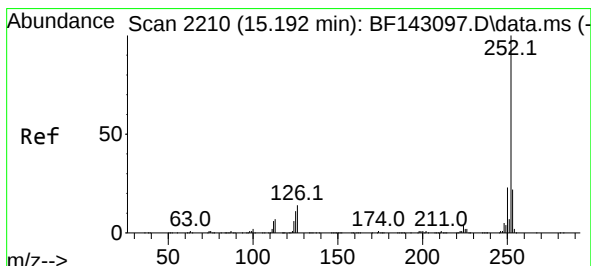
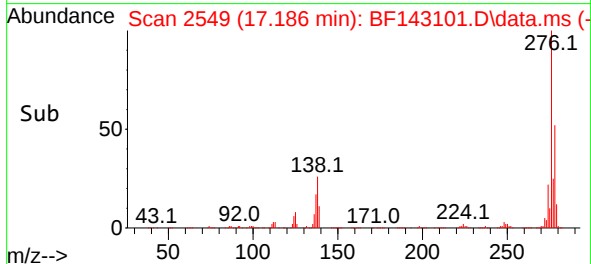
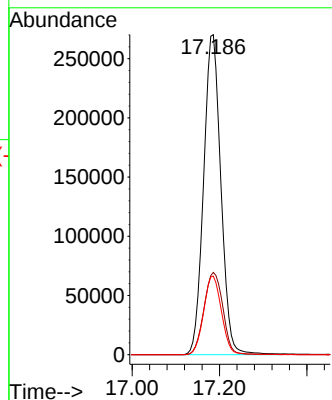
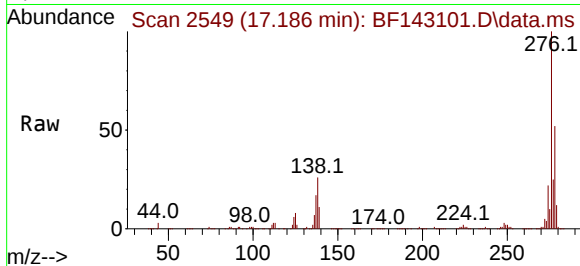




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.503 ng
 RT: 17.186 min Scan# 2110
 Delta R.T. 0.006 min
 Lab File: BF143101.D
 Acq: 15 Jul 2025 17:27

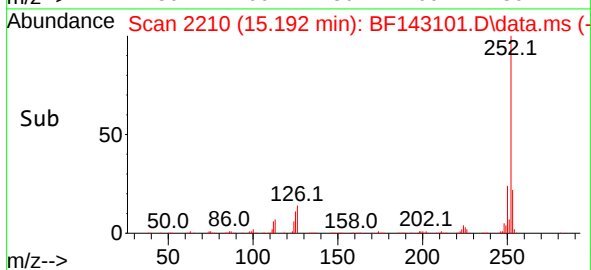
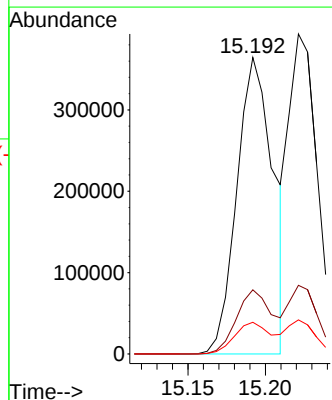
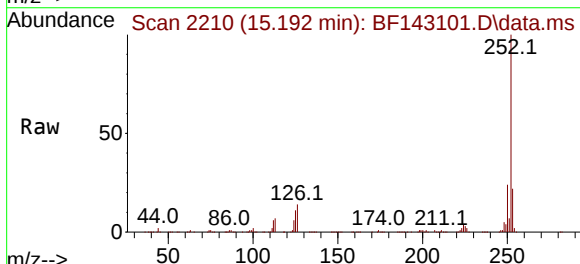
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071525

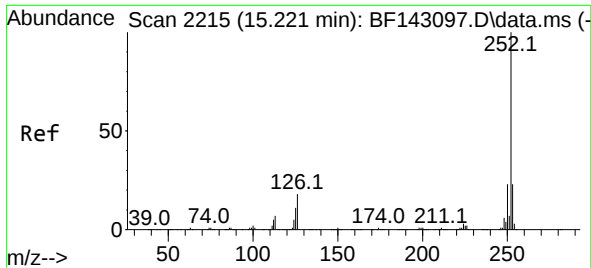
Tgt Ion:276 Resp: 744447
 Ion Ratio Lower Upper
 276 100
 138 28.1 22.6 34.0
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 43.782 ng
 RT: 15.192 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: BF143101.D
 Acq: 15 Jul 2025 17:27

Tgt Ion:252 Resp: 594727
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 10.7 8.6 13.0

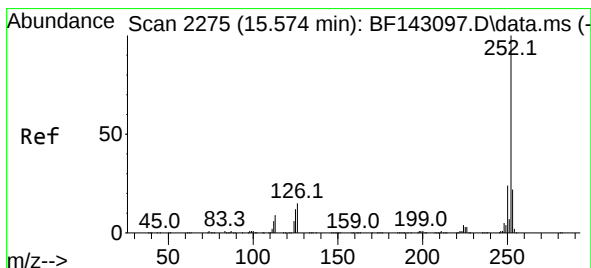
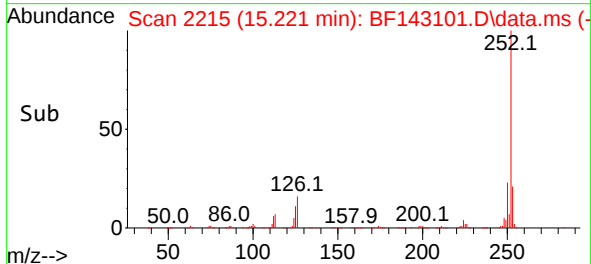
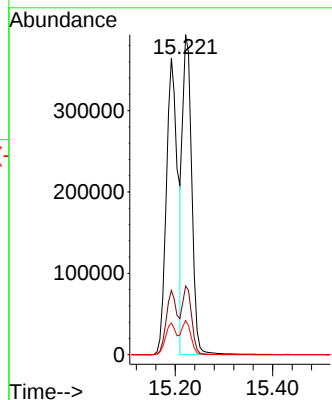
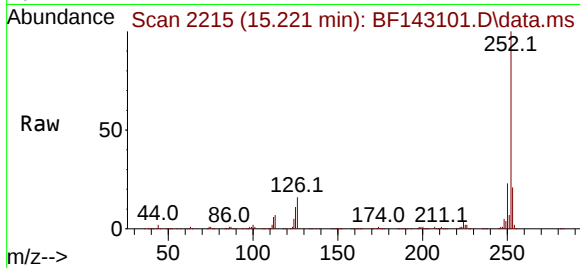




#89
Benzo(k)fluoranthene
Concen: 39.662 ng
RT: 15.221 min Scan# 2215
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

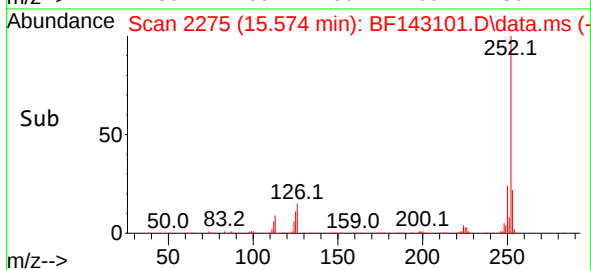
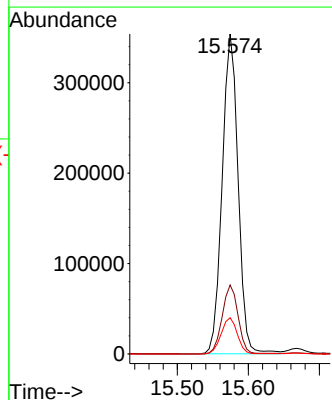
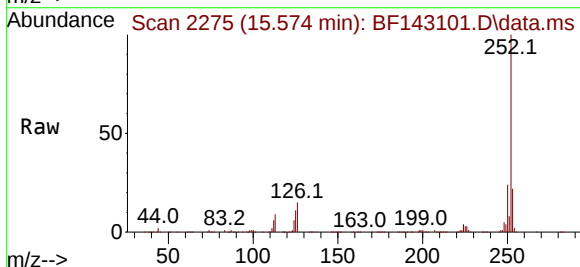
Instrument :
BNA_F
ClientSampleId :
ICVBF071525

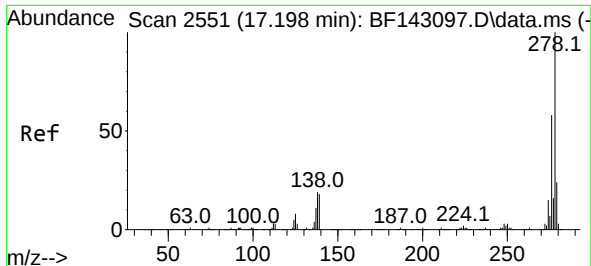
Tgt Ion:252 Resp: 513977
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 10.7 8.5 12.7



#90
Benzo(a)pyrene
Concen: 42.724 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143101.D
Acq: 15 Jul 2025 17:27

Tgt Ion:252 Resp: 548875
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 11.4 9.4 14.0

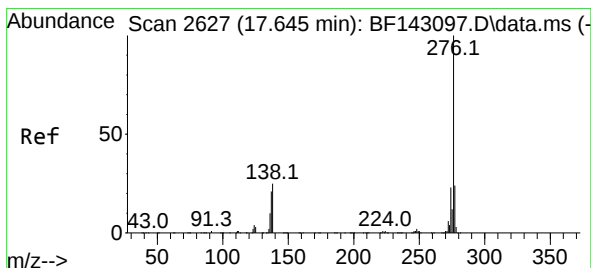
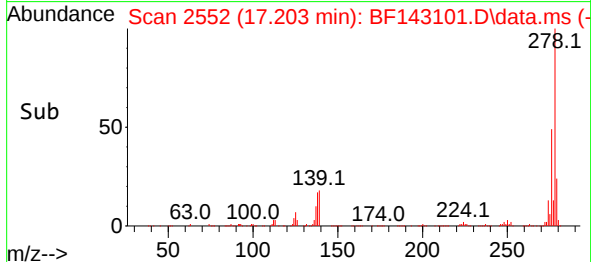
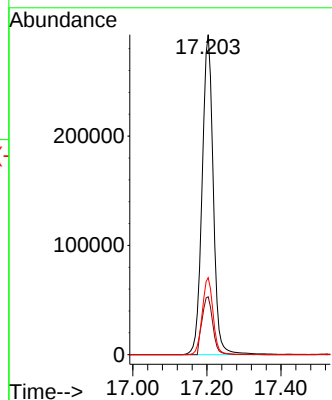
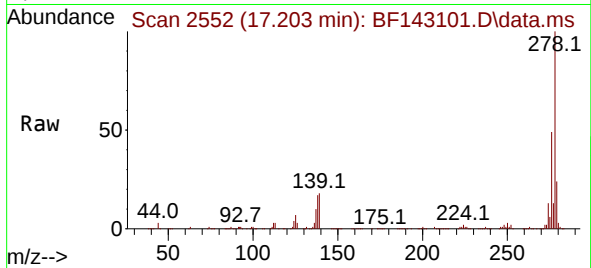




#91
 Dibenzo(a,h)anthracene
 Concen: 42.735 ng
 RT: 17.203 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143101.D
 Acq: 15 Jul 2025 17:27

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071525

Tgt Ion:278 Resp: 611881
 Ion Ratio Lower Upper
 278 100
 139 18.1 14.6 22.0
 279 24.1 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 43.359 ng
 RT: 17.651 min Scan# 2628
 Delta R.T. 0.006 min
 Lab File: BF143101.D
 Acq: 15 Jul 2025 17:27

Tgt Ion:276 Resp: 632939
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.2 28.8
 138 23.9 19.8 29.6

