

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143420.D
 Acq On : 15 Aug 2025 16:28
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 15 18:27:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	132257	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	505729	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	275083	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	418439	20.000	ng	0.00
76) Chrysene-d12	14.086	240	217298	20.000	ng	0.00
86) Perylene-d12	15.574	264	282413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	606940	79.773	ng	0.00
7) Phenol-d6	6.557	99	747976	78.010	ng	0.00
23) Nitrobenzene-d5	7.487	82	685209	80.398	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	194710	79.524	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1245188	76.137	ng	0.00
79) Terphenyl-d14	13.027	244	996745	77.055	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	149291	40.765	ng	100
3) Pyridine	3.510	79	393429	40.960	ng	100
4) n-Nitrosodimethylamine	3.452	42	180000	40.318	ng	100
6) Aniline	6.593	93	524888	40.324	ng	100
8) 2-Chlorophenol	6.716	128	331125	39.421	ng	100
9) Benzaldehyde	6.475	77	194204	38.074	ng	100
10) Phenol	6.575	94	449047	40.134	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	327002	39.428	ng	100
12) 1,3-Dichlorobenzene	6.869	146	369069	39.224	ng	100
13) 1,4-Dichlorobenzene	6.946	146	369492	39.334	ng	100
14) 1,2-Dichlorobenzene	7.098	146	350532	39.068	ng	100
15) Benzyl Alcohol	7.069	79	285470	40.372	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	554459	39.105	ng	100
17) 2-Methylphenol	7.181	107	271001	39.543	ng	100
18) Hexachloroethane	7.440	117	126367	39.521	ng	100
19) n-Nitroso-di-n-propyla...	7.334	70	228365	38.472	ng	100
20) 3+4-Methylphenols	7.334	107	328370	40.072	ng	100
22) Acetophenone	7.334	105	423320	38.931	ng	100
24) Nitrobenzene	7.504	77	361256	40.556	ng	100
25) Isophorone	7.745	82	641248	39.312	ng	100
26) 2-Nitrophenol	7.822	139	171491	41.530	ng	100
27) 2,4-Dimethylphenol	7.863	122	272589	39.043	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	394269	39.324	ng	100
29) 2,4-Dichlorophenol	8.069	162	284618	39.990	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	286685	39.312	ng	100
31) Naphthalene	8.234	128	951330	39.623	ng	100
32) Benzoic acid	7.975	122	144395	39.956	ng	100
33) 4-Chloroaniline	8.275	127	348006	40.155	ng	100
34) Hexachlorobutadiene	8.351	225	185656	39.924	ng	100
35) Caprolactam	8.645	113	81112	39.584	ng	100
36) 4-Chloro-3-methylphenol	8.757	107	291801	39.809	ng	100
37) 2-Methylnaphthalene	8.922	142	631789	39.038	ng	100
38) 1-Methylnaphthalene	9.022	142	604084	38.959	ng	100
40) 1,2,4,5-Tetrachloroben...	9.087	216	301932	39.357	ng	100
41) Hexachlorocyclopentadiene	9.081	237	98458	38.885	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	194463	40.635	ng	100

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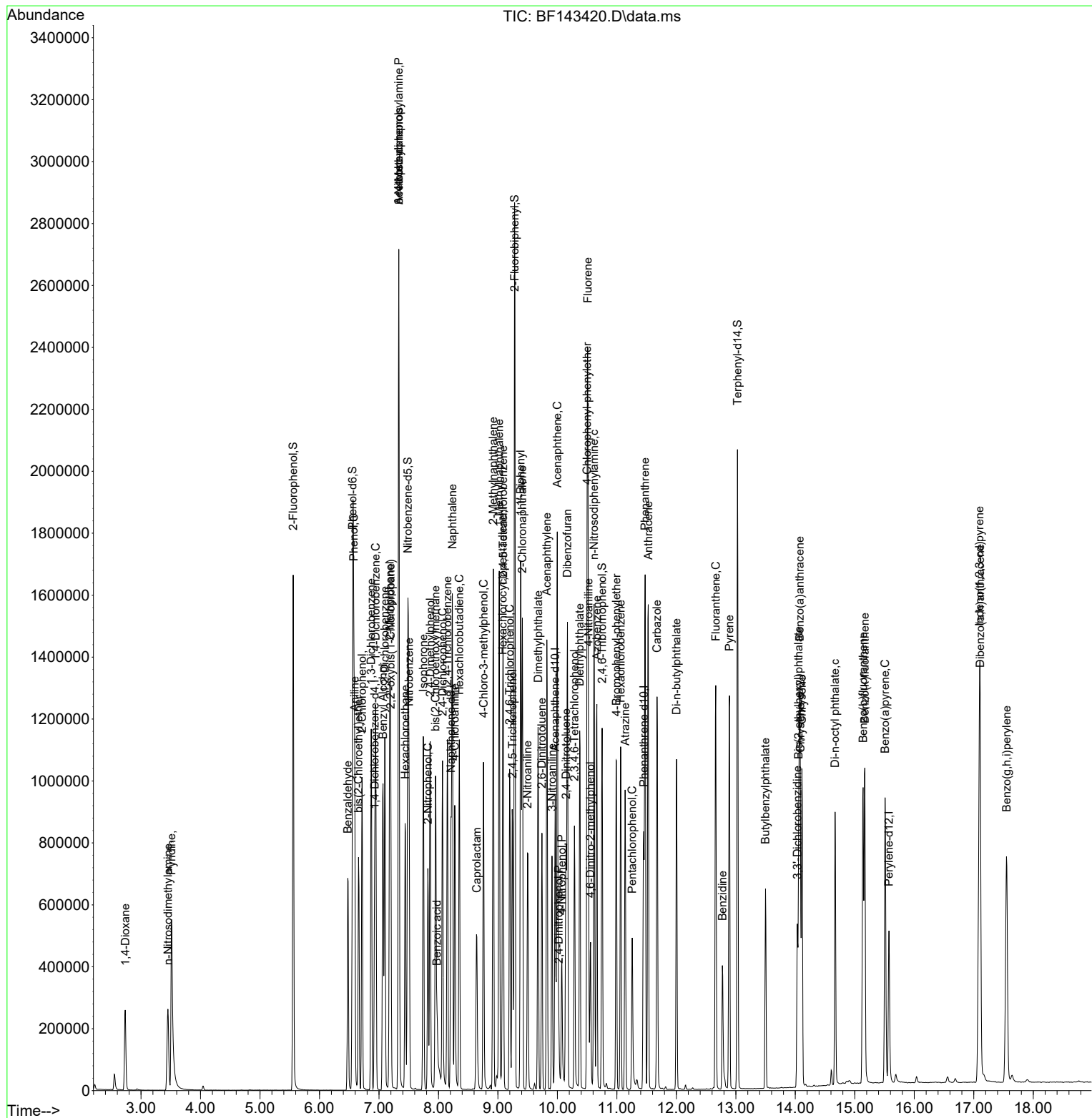
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	207994	40.546	ng	100
46) 1,1'-Biphenyl	9.381	154	756357	39.133	ng	100
47) 2-Chloronaphthalene	9.410	162	595680	39.044	ng	100
48) 2-Nitroaniline	9.498	65	184632	40.666	ng	100
49) Acenaphthylene	9.822	152	865258	39.280	ng	100
50) Dimethylphthalate	9.675	163	665610	38.811	ng	100
51) 2,6-Dinitrotoluene	9.739	165	138694	41.024	ng	100
52) Acenaphthene	9.998	154	573888	38.736	ng	100
53) 3-Nitroaniline	9.910	138	155480	41.285	ng	100
54) 2,4-Dinitrophenol	10.022	184	52940	37.023	ng	100
55) Dibenzofuran	10.169	168	834107	39.027	ng	100
56) 4-Nitrophenol	10.075	139	98425	41.570	ng	100
57) 2,4-Dinitrotoluene	10.145	165	183519	40.714	ng	100
58) Fluorene	10.510	166	623065	37.948	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	163623	42.137	ng	100
60) Diethylphthalate	10.375	149	609804	38.477	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	315863	38.911	ng	100
62) 4-Nitroaniline	10.522	138	143326	40.695	ng	100
63) Azobenzene	10.663	77	625307	39.038	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	89738	41.565	ng	100
66) n-Nitrosodiphenylamine	10.616	169	539955	39.686	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	197382	39.946	ng	100
68) Hexachlorobenzene	11.063	284	204335	38.899	ng	100
69) Atrazine	11.139	200	159131	39.987	ng	100
70) Pentachlorophenol	11.257	266	95543	40.967	ng	100
71) Phenanthrene	11.475	178	887025	39.146	ng	100
72) Anthracene	11.528	178	891035	38.933	ng	100
73) Carbazole	11.675	167	748842	38.687	ng	100
74) Di-n-butylphthalate	12.004	149	746153	38.710	ng	100
75) Fluoranthene	12.663	202	747356	37.119	ng	100
77) Benzidine	12.775	184	246322	40.043	ng	100
78) Pyrene	12.892	202	737731	39.060	ng	100
80) Butylbenzylphthalate	13.498	149	199307	42.604	ng	100
81) Benzo(a)anthracene	14.074	228	545178	39.407	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	170953	42.205	ng	100
83) Chrysene	14.110	228	518778	40.562	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	290451	43.719	ng	100
85) Di-n-octyl phthalate	14.669	149	578031	42.897	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	844235	39.863	ng	100
88) Benzo(b)fluoranthene	15.139	252	615448	40.661	ng	100
89) Benzo(k)fluoranthene	15.169	252	594473	39.820	ng	100
90) Benzo(a)pyrene	15.510	252	589150	40.866	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	679495	39.953	ng	100
92) Benzo(g,h,i)perylene	17.551	276	681509	40.113	ng	100

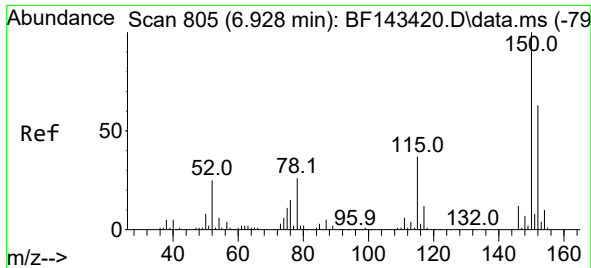
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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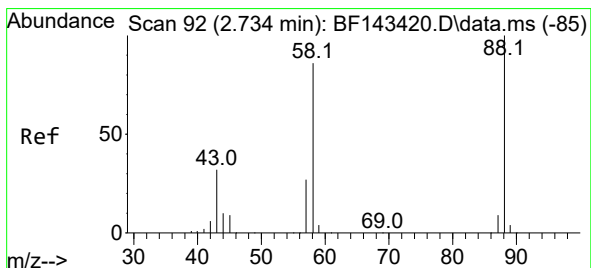
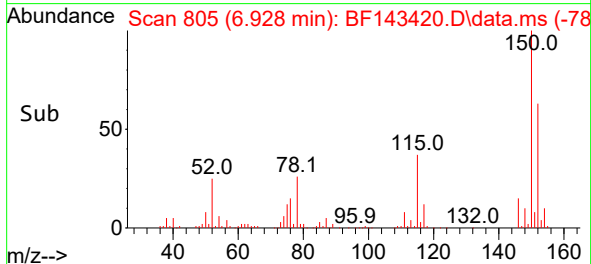
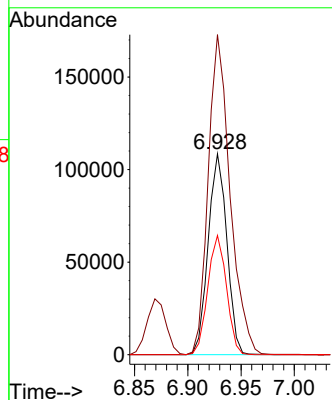
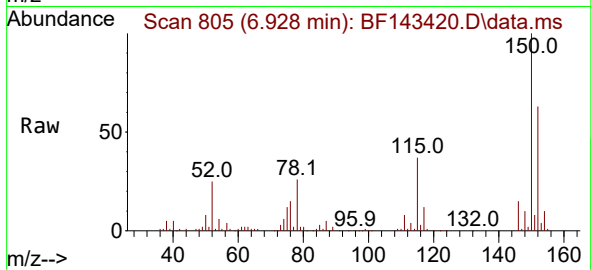




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

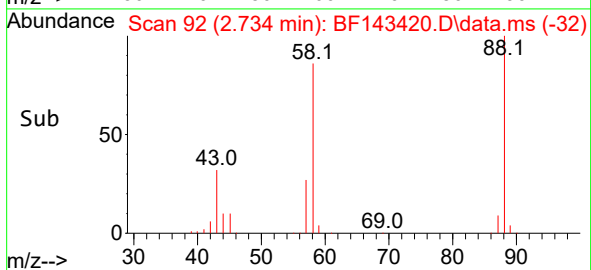
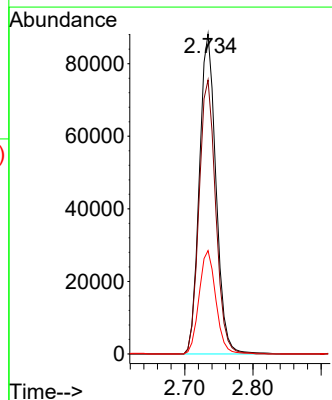
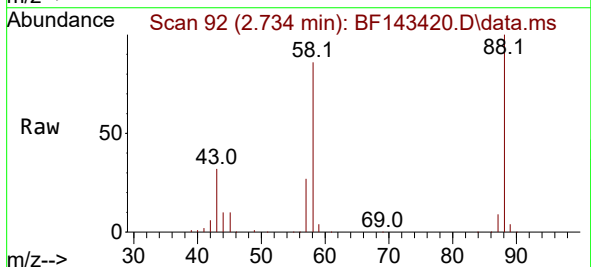
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

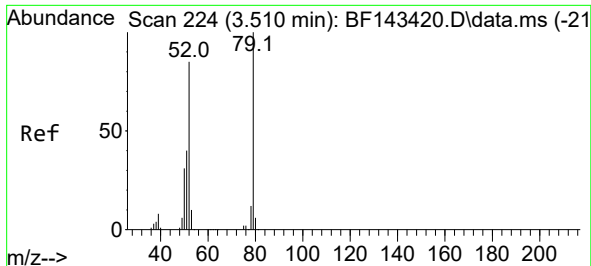
Tgt Ion:152 Resp: 132257
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.2
115 59.4 47.5 71.3



#2
1,4-Dioxane
Concen: 40.765 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 88 Resp: 149291
Ion Ratio Lower Upper
88 100
58 85.9 68.7 103.1
43 32.6 26.1 39.1





#3

Pyridine

Concen: 40.960 ng

RT: 3.510 min Scan# 214

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

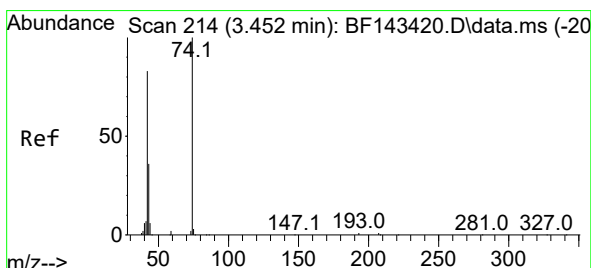
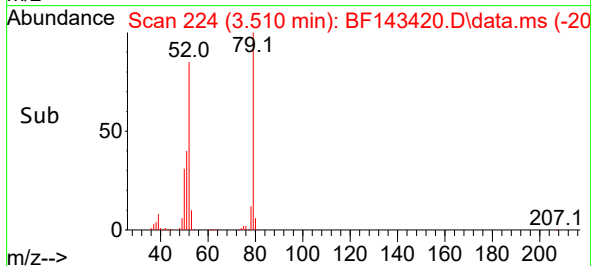
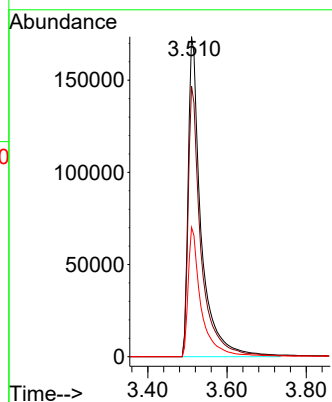
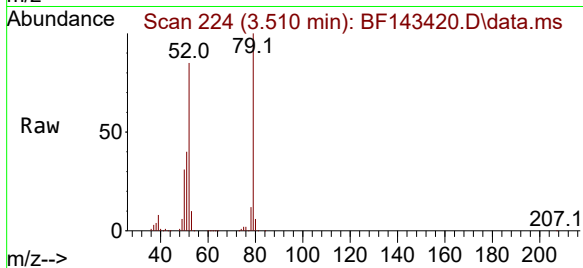
Tgt Ion: 79 Resp: 393429

Ion Ratio Lower Upper

79 100

52 84.6 67.7 101.5

51 40.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 40.318 ng

RT: 3.452 min Scan# 214

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

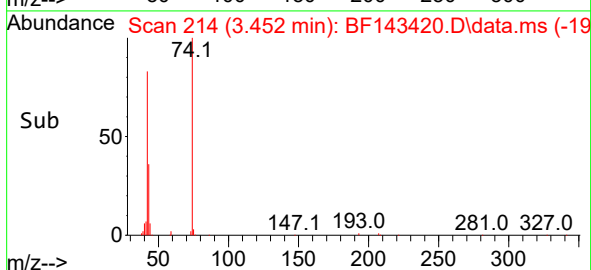
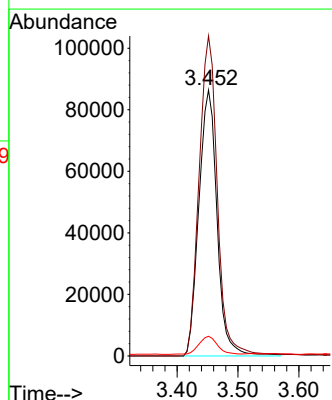
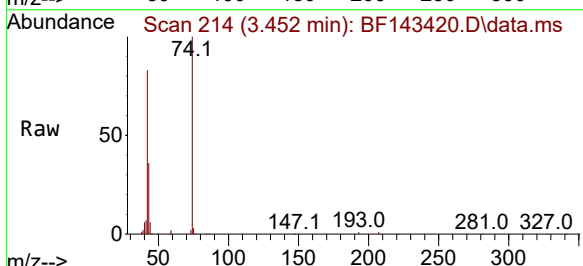
Tgt Ion: 42 Resp: 180000

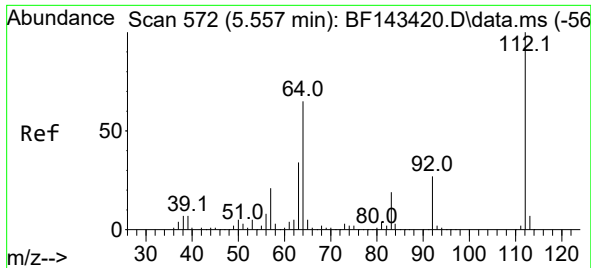
Ion Ratio Lower Upper

42 100

74 120.3 96.2 144.4

44 7.4 5.9 8.9

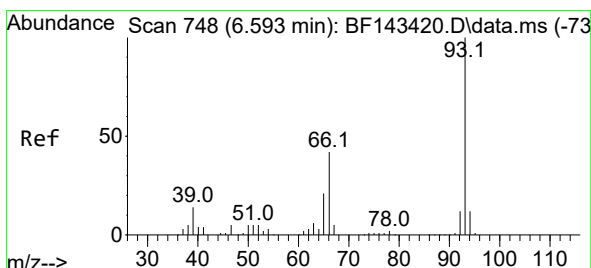
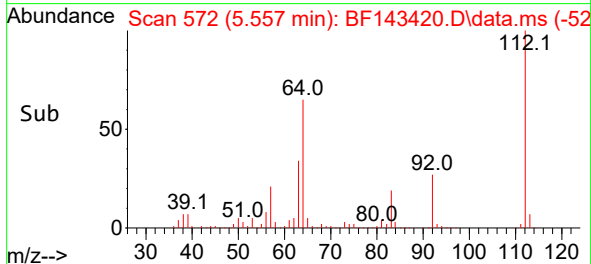
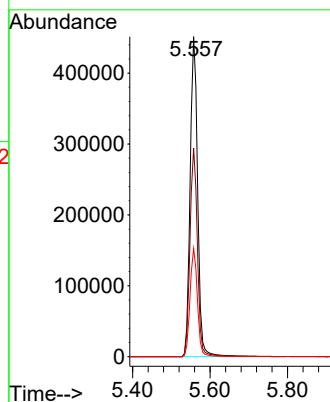
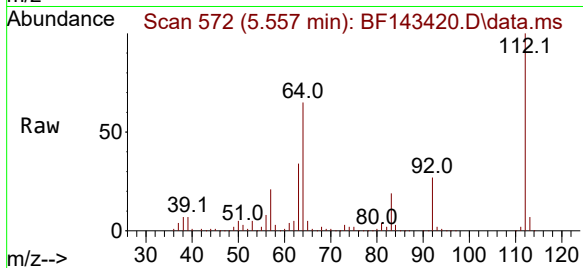




#5
2-Fluorophenol
Concen: 79.773 ng
RT: 5.557 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

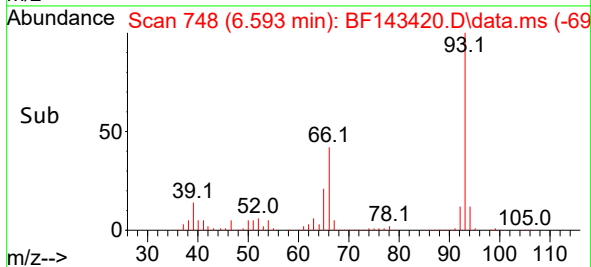
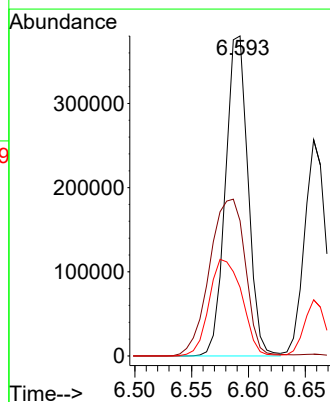
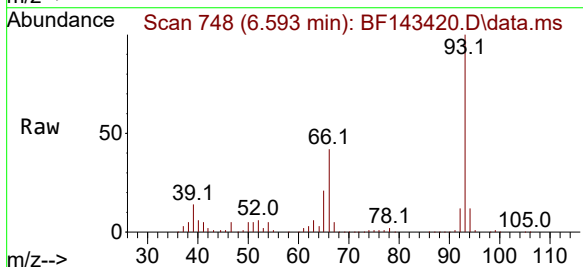
Instrument :
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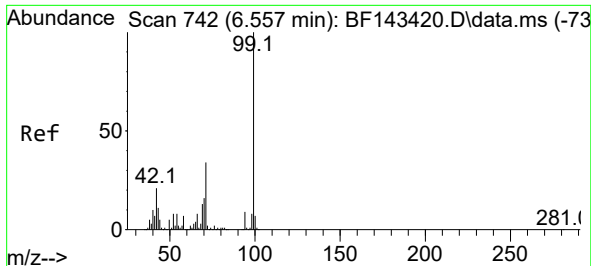
Tgt Ion:112 Resp: 606940
Ion Ratio Lower Upper
112 100
64 65.2 52.2 78.2
63 33.8 27.0 40.6



#6
Aniline
Concen: 40.324 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 93 Resp: 524888
Ion Ratio Lower Upper
93 100
66 42.3 33.8 50.8
65 21.5 17.2 25.8

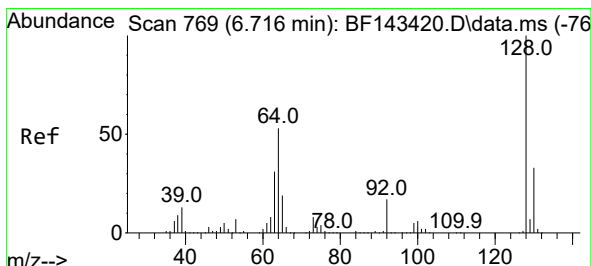
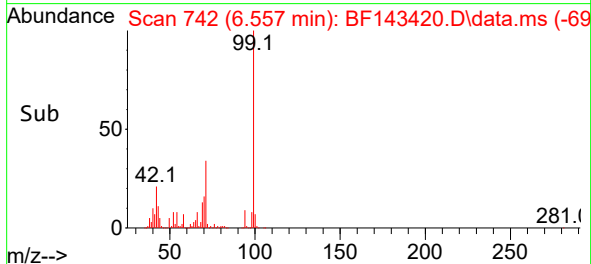
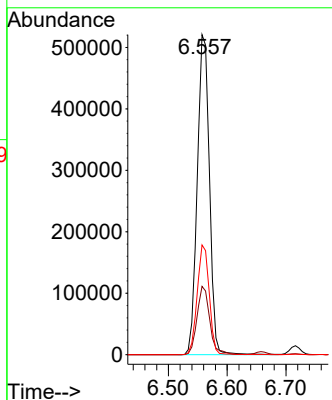
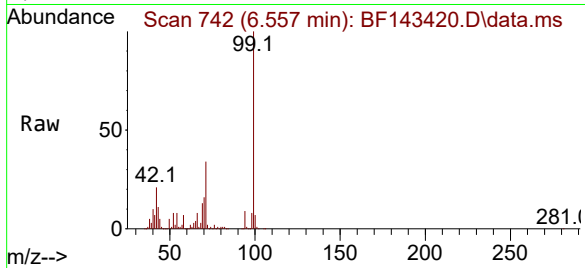




#7
Phenol-d6
Concen: 78.010 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

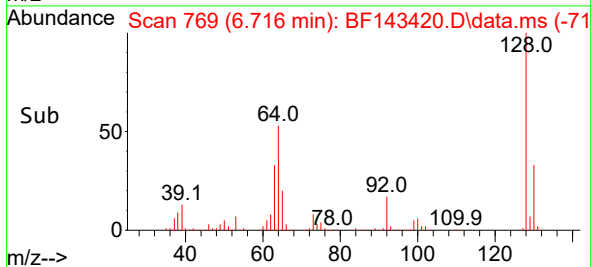
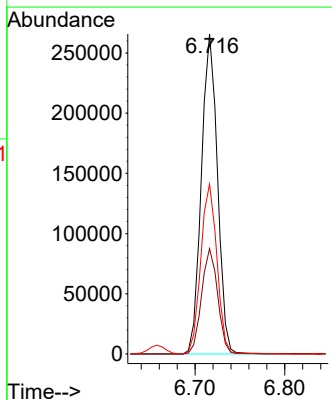
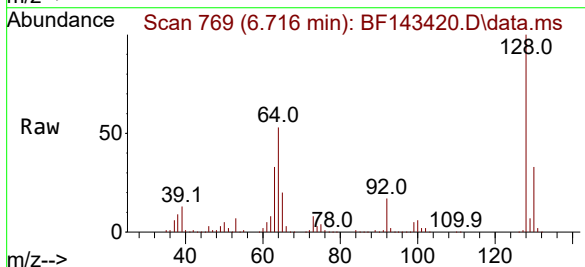
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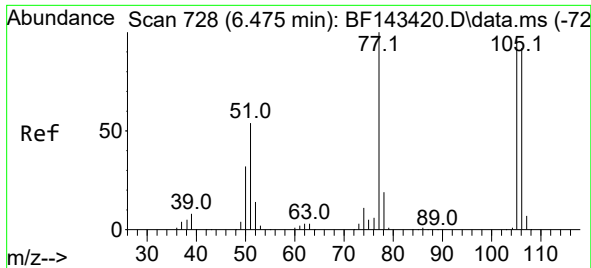
Tgt Ion: 99 Resp: 747976
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 34.3 27.4 41.2



#8
2-Chlorophenol
Concen: 39.421 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 128 Resp: 331125
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 53.1 33.1 73.1





#9

Benzaldehyde

Concen: 38.074 ng

RT: 6.475 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

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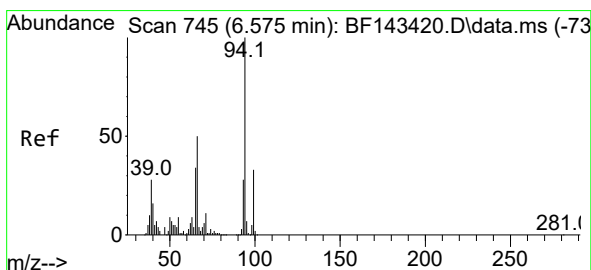
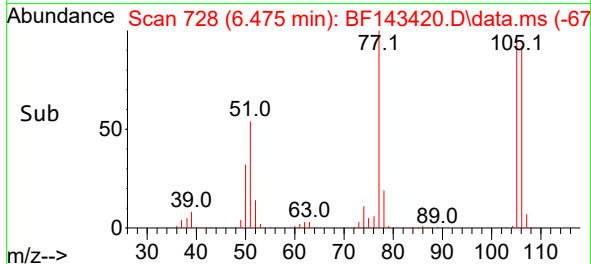
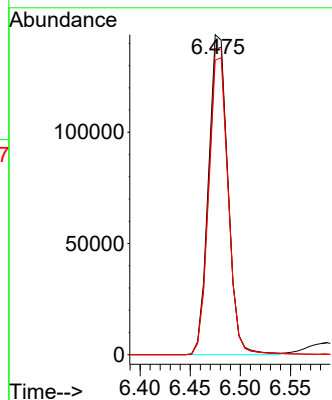
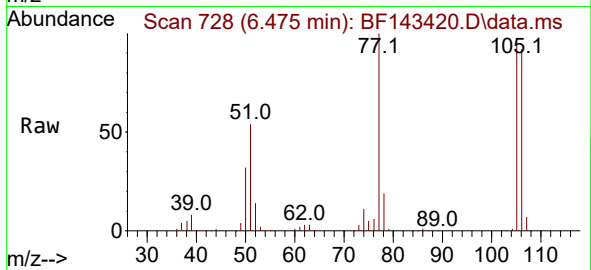
Tgt Ion: 77 Resp: 194204

Ion Ratio Lower Upper

77 100

105 95.5 75.5 115.5

106 92.0 72.0 112.0



#10

Phenol

Concen: 40.134 ng

RT: 6.575 min Scan# 745

Delta R.T. 0.000 min

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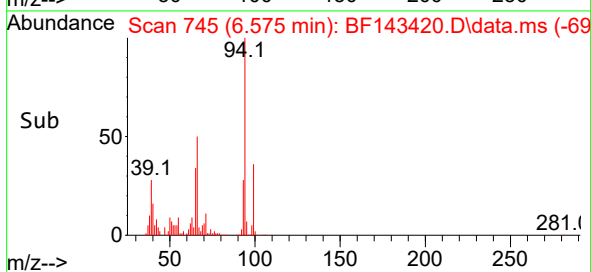
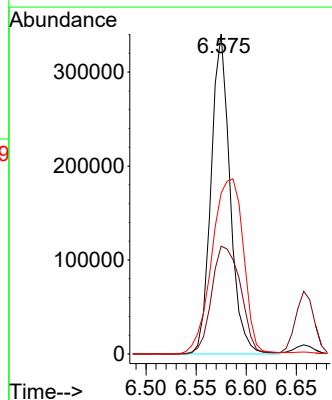
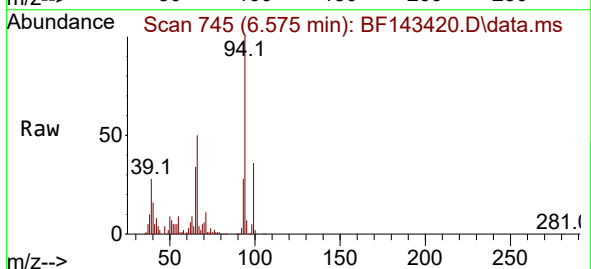
Tgt Ion: 94 Resp: 449047

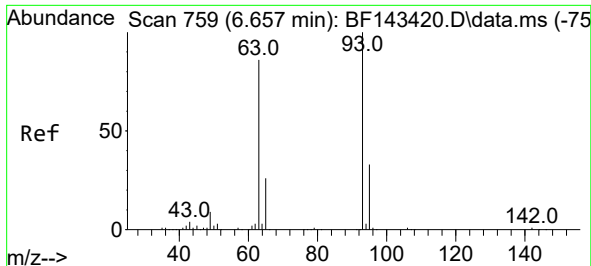
Ion Ratio Lower Upper

94 100

65 33.7 13.7 53.7

66 50.3 30.3 70.3



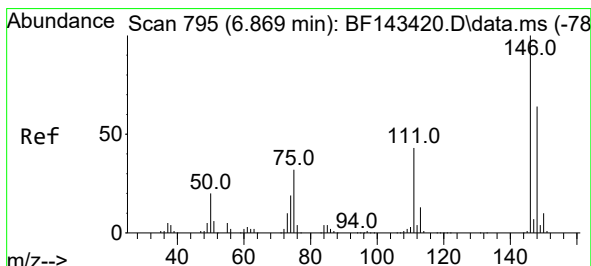
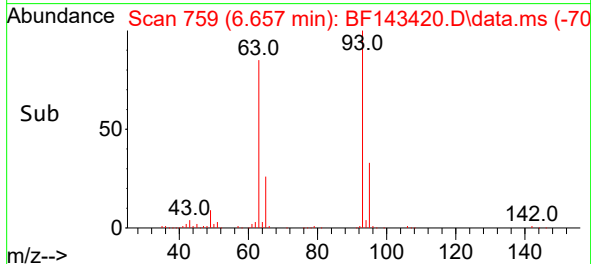
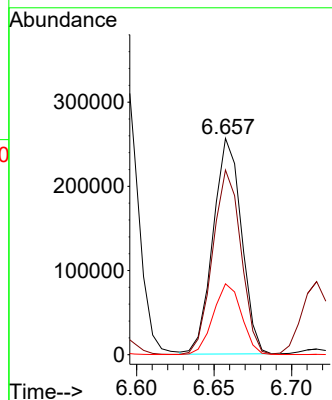
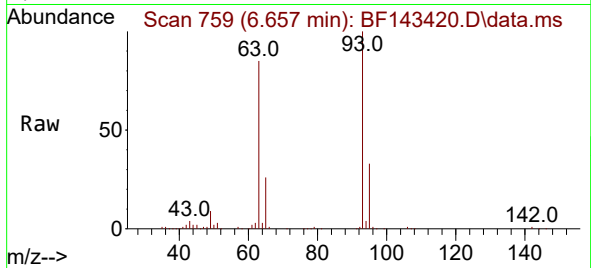


#11
 bis(2-Chloroethyl)ether
 Concen: 39.428 ng
 RT: 6.657 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: BF143420.D
 Acq: 15 Aug 2025 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tgt Ion: 93 Resp: 327002

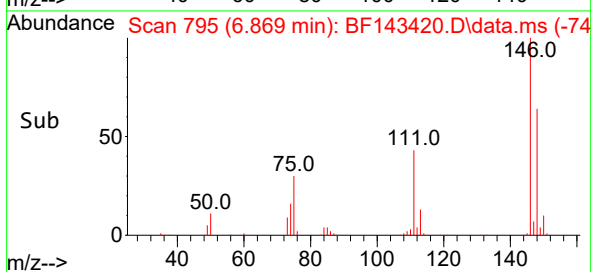
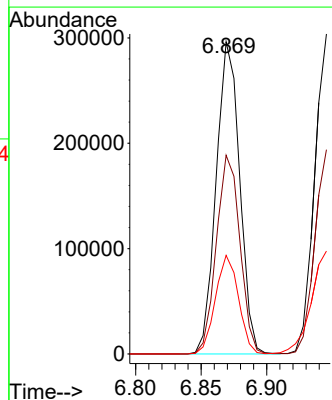
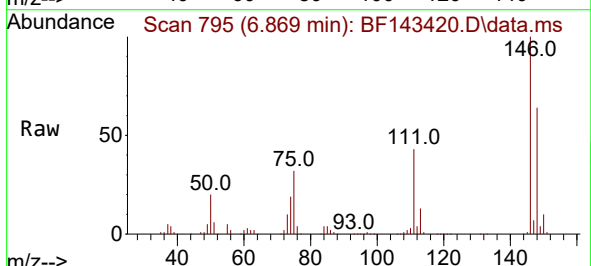
Ion	Ratio	Lower	Upper
93	100		
63	85.4	65.4	105.4
95	32.8	12.8	52.8

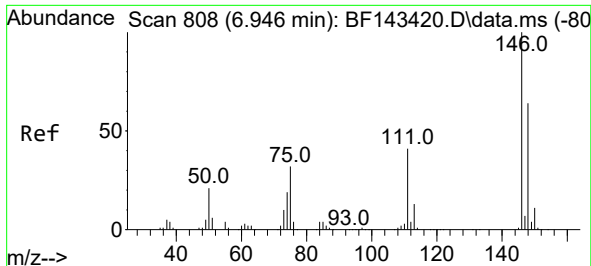


#12
 1,3-Dichlorobenzene
 Concen: 39.224 ng
 RT: 6.869 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF143420.D
 Acq: 15 Aug 2025 16:28

Tgt Ion: 146 Resp: 369069

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
75	31.6	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 39.334 ng

RT: 6.946 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

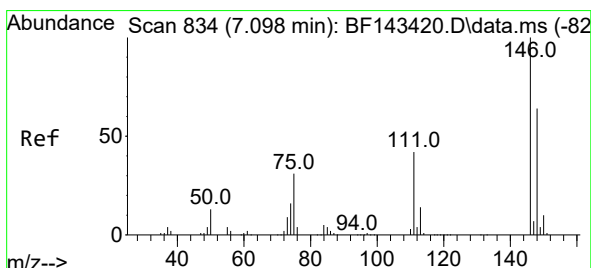
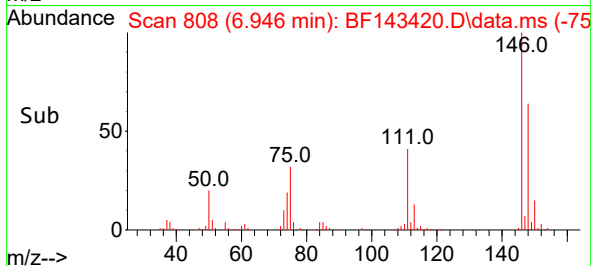
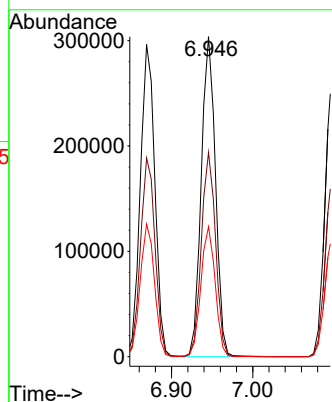
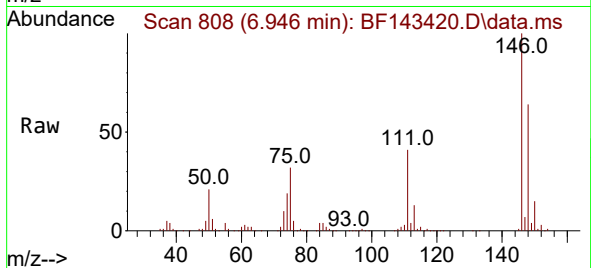
Tgt Ion:146 Resp: 369492

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

111 40.6 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 39.068 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

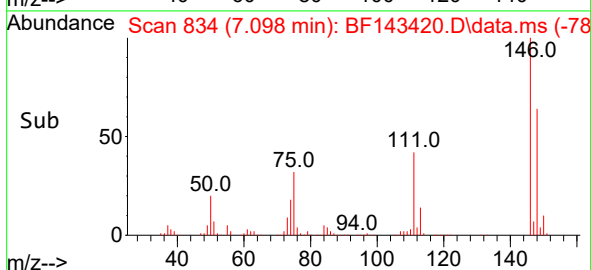
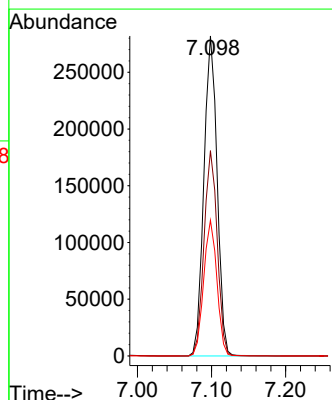
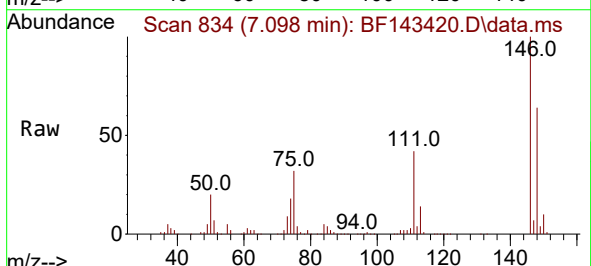
Tgt Ion:146 Resp: 350532

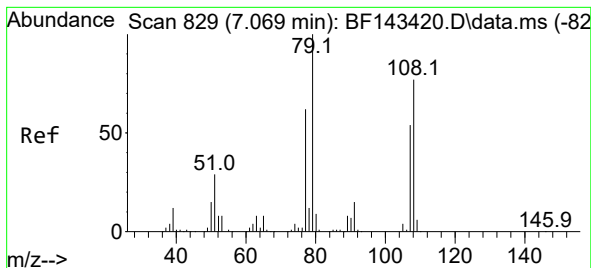
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 42.4 33.9 50.9





#15

Benzyl Alcohol

Concen: 40.372 ng

RT: 7.069 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

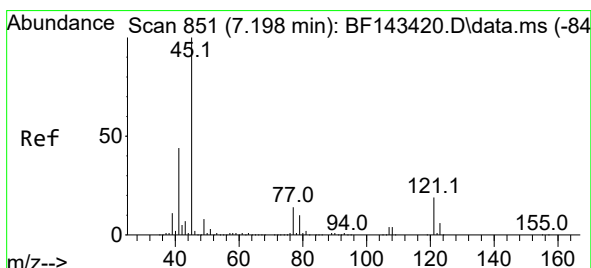
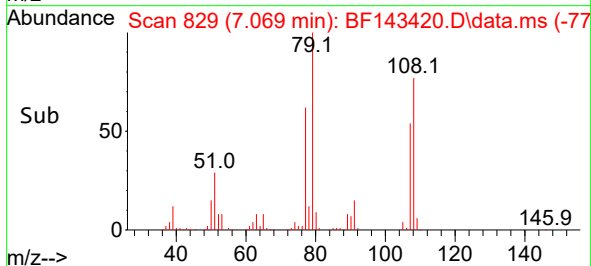
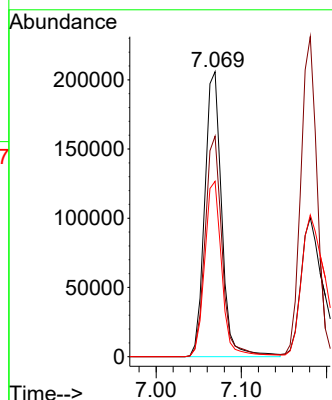
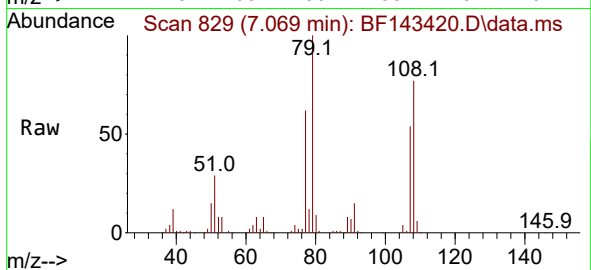
Tgt Ion: 79 Resp: 285470

Ion Ratio Lower Upper

79 100

108 77.4 61.9 92.9

77 61.5 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.105 ng

RT: 7.198 min Scan# 851

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

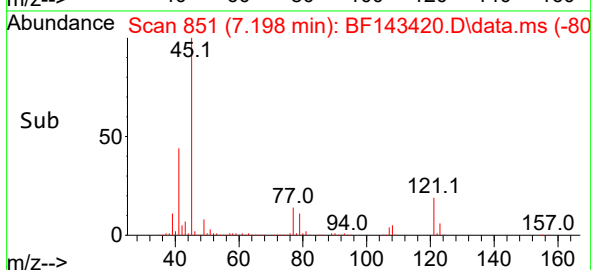
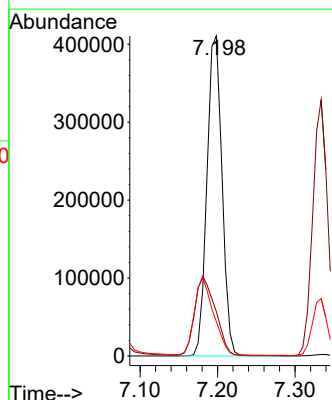
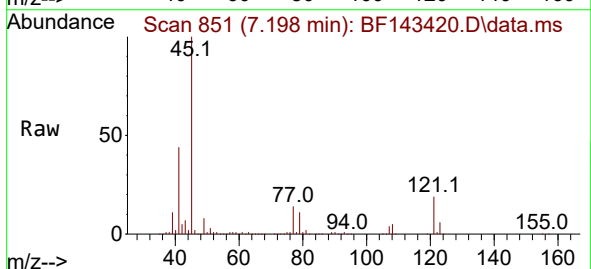
Tgt Ion: 45 Resp: 554459

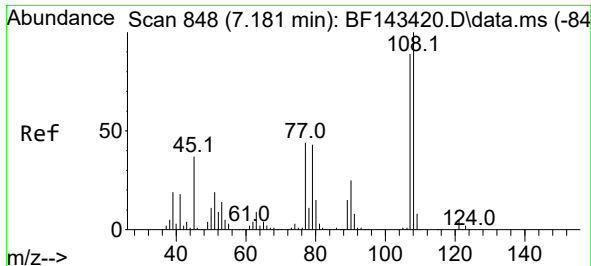
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.9

79 10.7 0.0 30.7

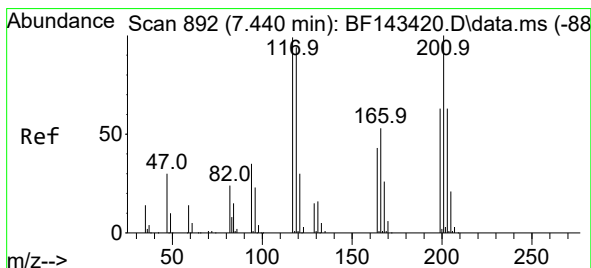
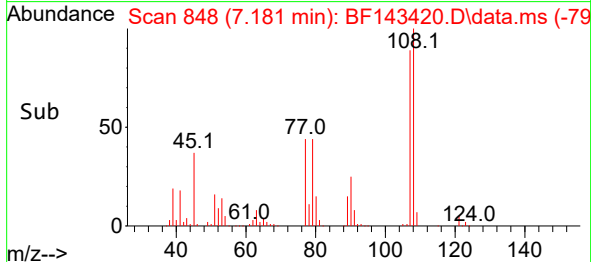
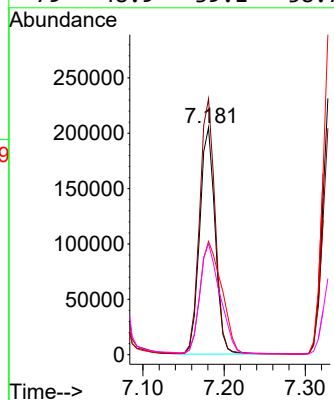
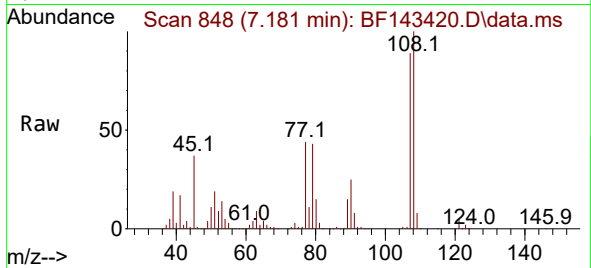




#17
2-Methylphenol
Concen: 39.543 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

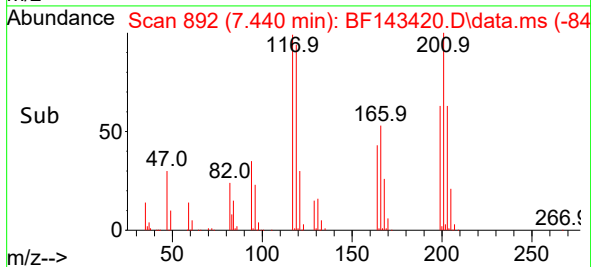
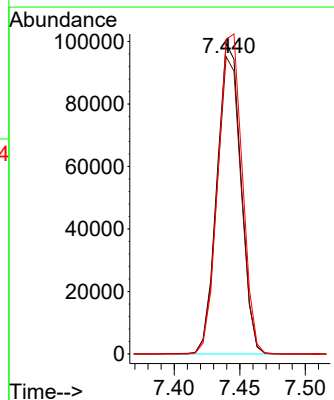
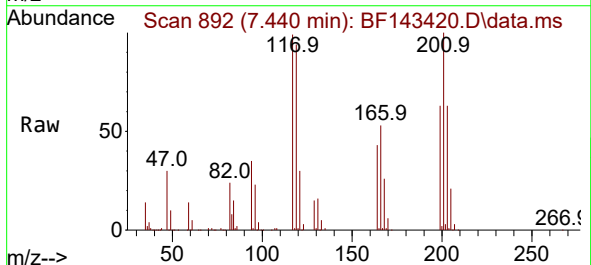
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

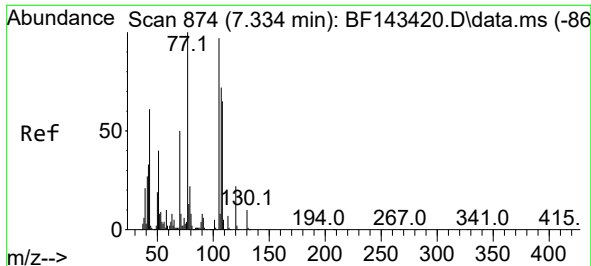
Tgt Ion:	107	Resp:	271001
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.1	135.1
77	49.9	39.9	59.9
79	48.9	39.1	58.7



#18
Hexachloroethane
Concen: 39.521 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:	117	Resp:	126367
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
201	101.2	81.0	121.4



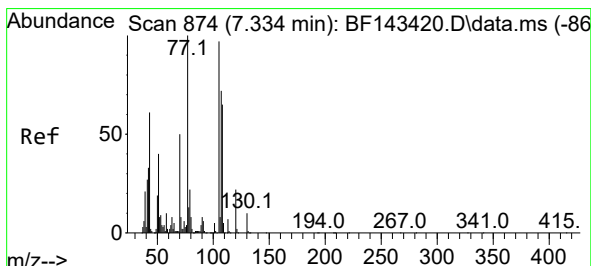
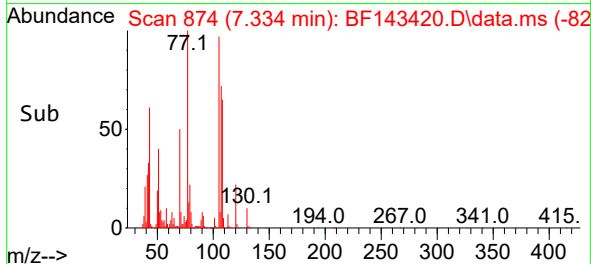
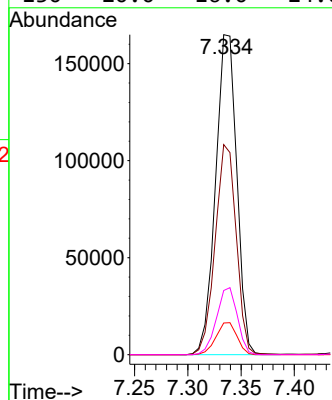
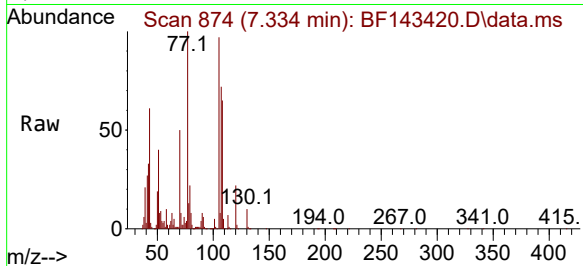


#19
n-Nitroso-di-n-propylamine
Concen: 38.472 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 228365

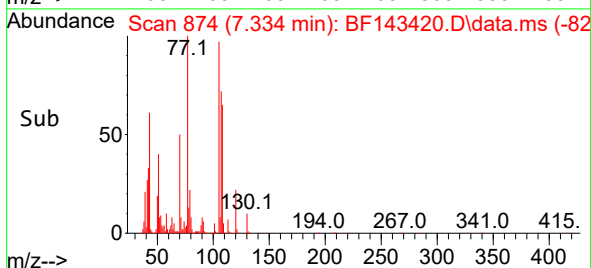
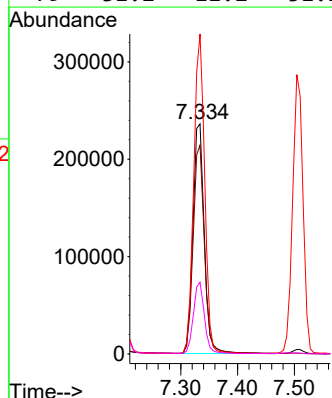
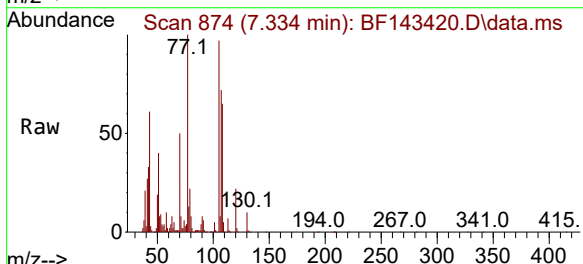
Ion	Ratio	Lower	Upper
70	100		
42	65.6	52.5	78.7
101	9.9	7.9	11.9
130	20.0	16.0	24.0

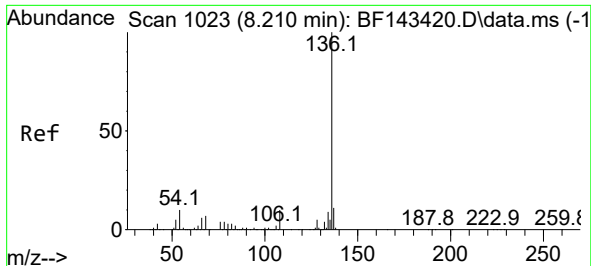


#20
3+4-Methylphenols
Concen: 40.072 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 107 Resp: 328370

Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.8	110.8
77	139.1	119.1	159.1
79	31.2	11.2	51.2

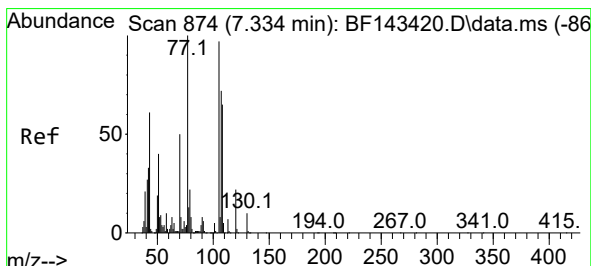
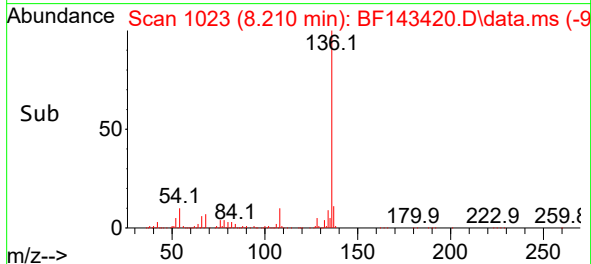
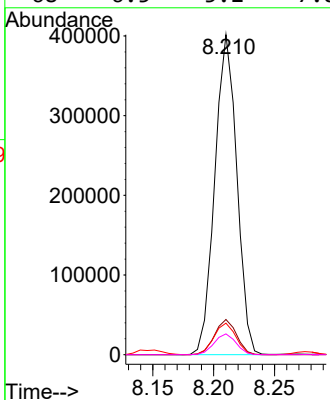
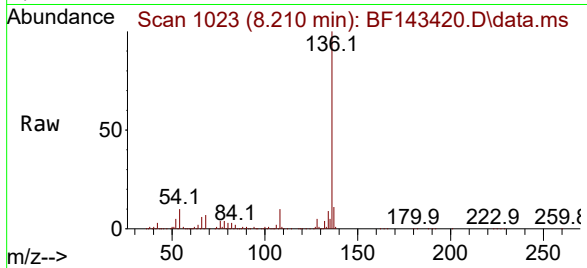




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

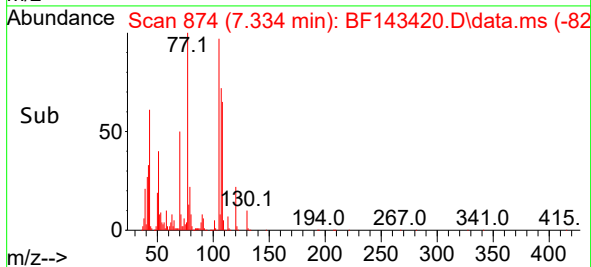
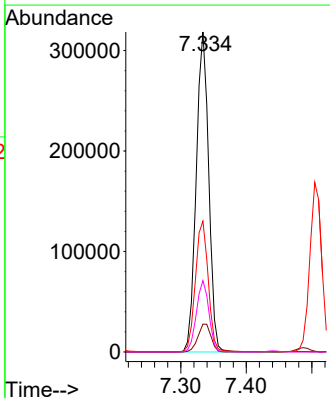
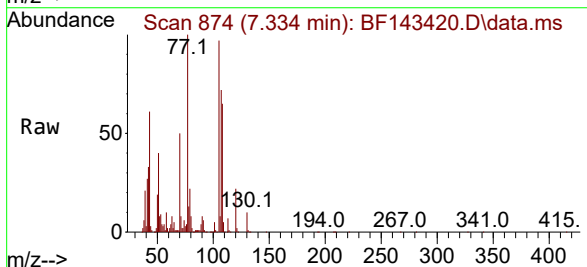
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

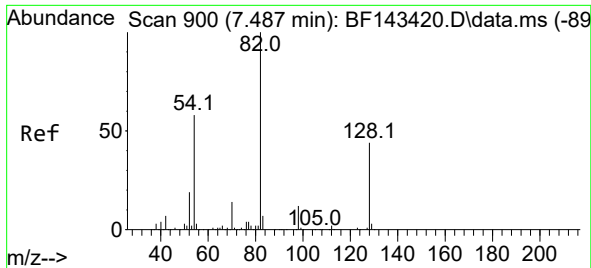
Tgt Ion:	136	Resp:	505729
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.8	7.8	11.8
68	6.5	5.2	7.8



#22
Acetophenone
Concen: 38.931 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:	105	Resp:	423320
Ion Ratio	Lower	Upper	
105	100		
71	8.7	7.0	10.4
51	40.9	32.7	49.1
120	22.3	17.8	26.8

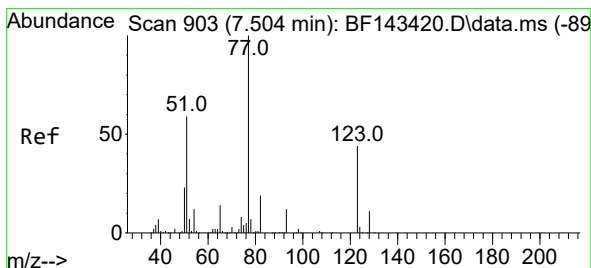
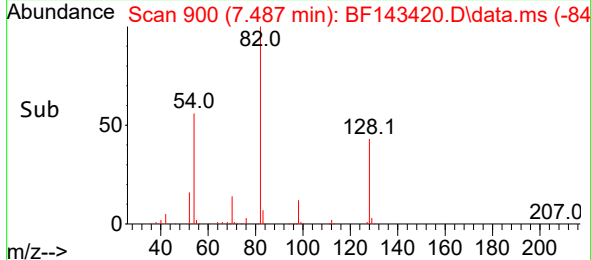
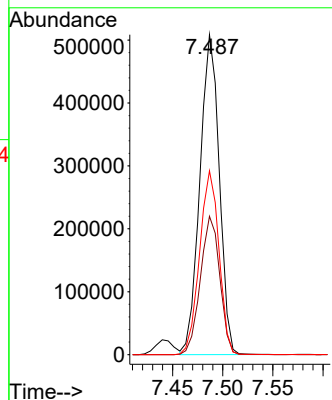
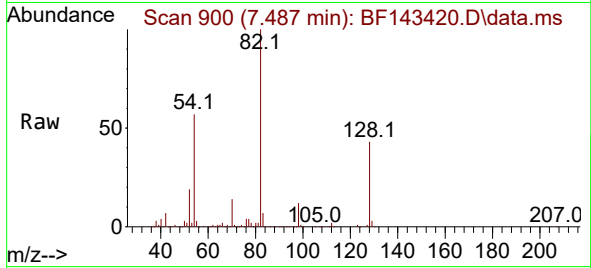




#23
Nitrobenzene-d5
Concen: 80.398 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

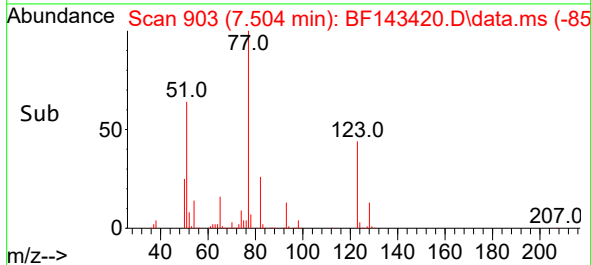
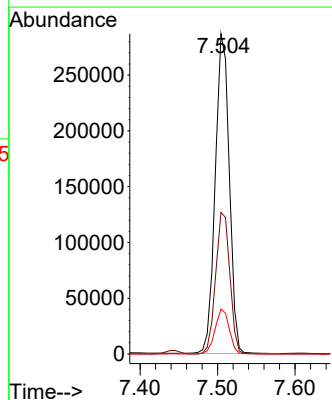
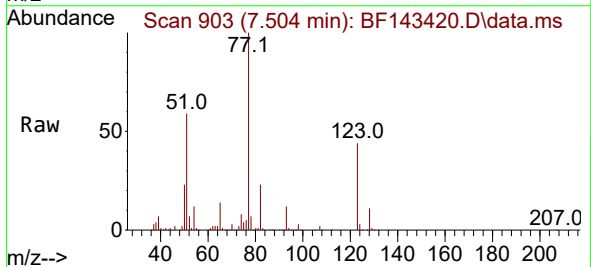
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

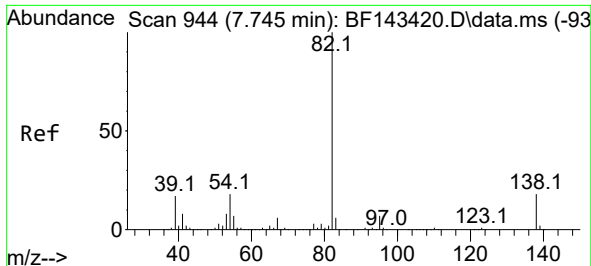
Tgt Ion: 82 Resp: 685209
Ion Ratio Lower Upper
82 100
128 43.3 34.6 52.0
54 57.5 46.0 69.0



#24
Nitrobenzene
Concen: 40.556 ng
RT: 7.504 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 77 Resp: 361256
Ion Ratio Lower Upper
77 100
123 44.2 35.4 53.0
65 14.0 11.2 16.8

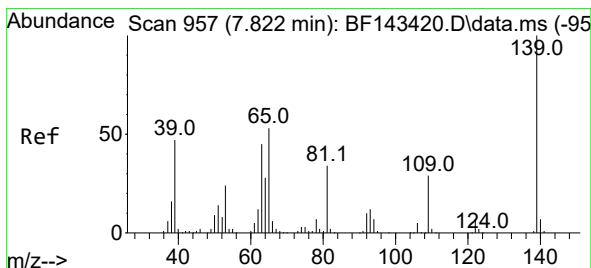
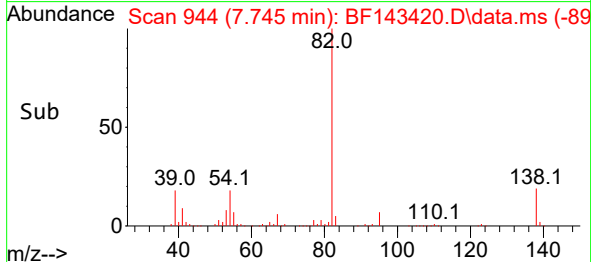
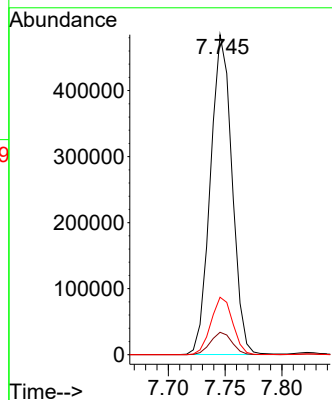
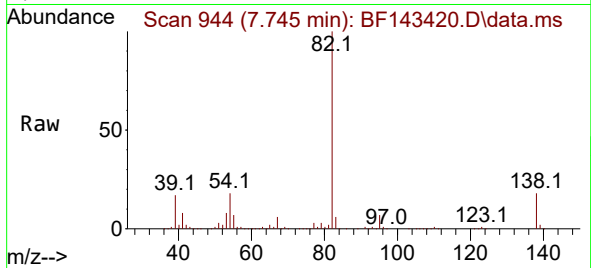




#25
Isophorone
Concen: 39.312 ng
RT: 7.745 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

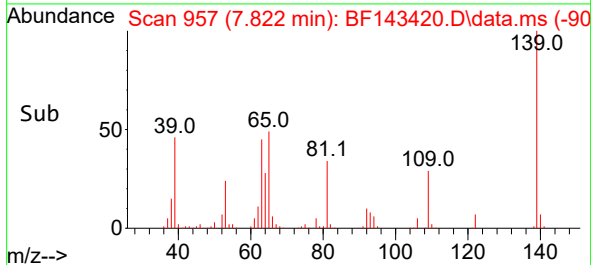
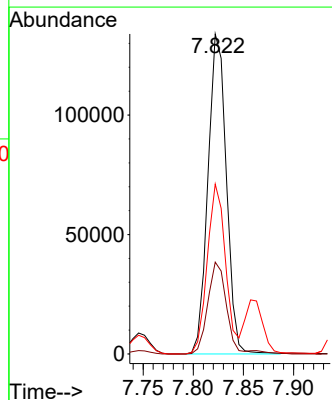
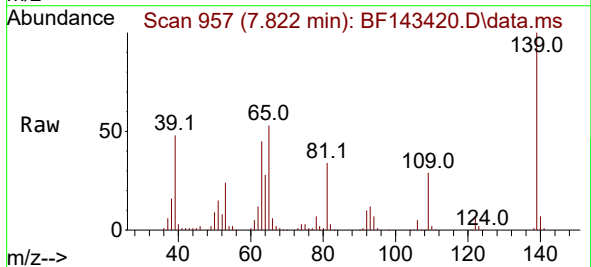
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

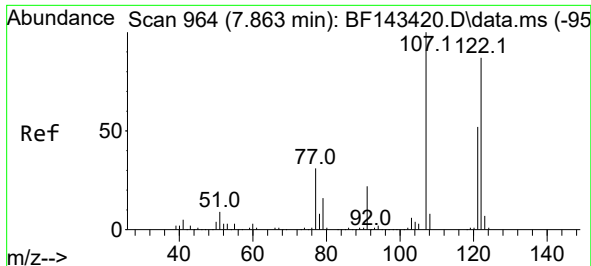
Tgt Ion: 82 Resp: 641248
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.9 14.3 21.5



#26
2-Nitrophenol
Concen: 41.530 ng
RT: 7.822 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 139 Resp: 171491
Ion Ratio Lower Upper
139 100
109 28.7 23.0 34.4
65 53.1 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 39.043 ng

RT: 7.863 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

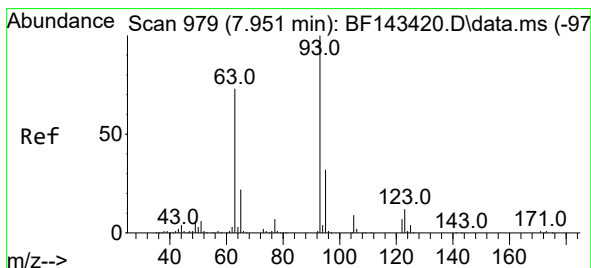
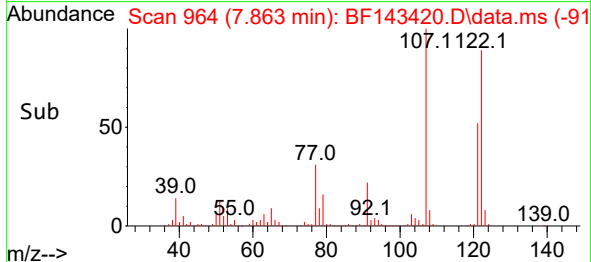
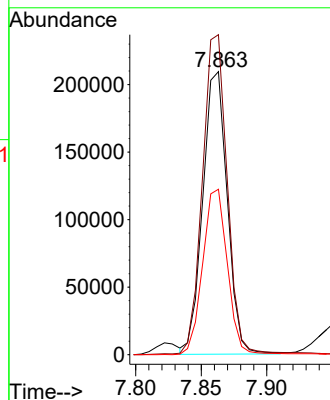
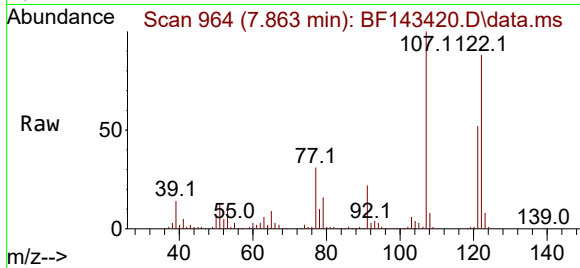
Tgt Ion:122 Resp: 272589

Ion Ratio Lower Upper

122 100

107 113.0 90.4 135.6

121 58.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.324 ng

RT: 7.951 min Scan# 979

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

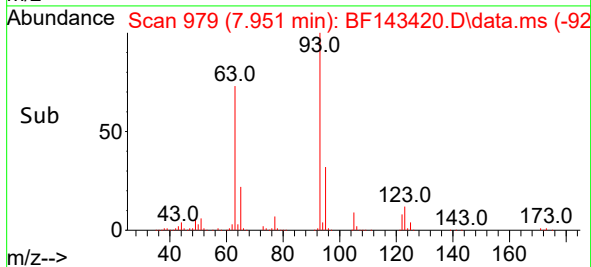
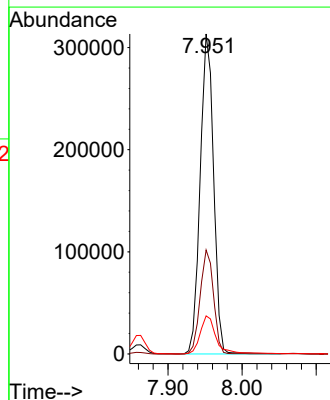
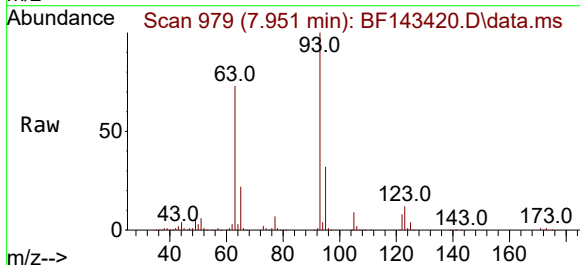
Tgt Ion: 93 Resp: 394269

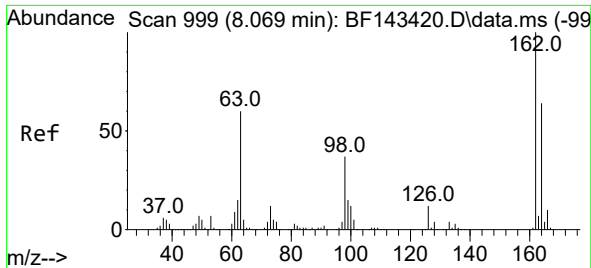
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 39.990 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

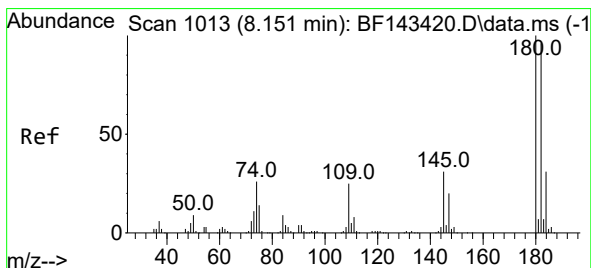
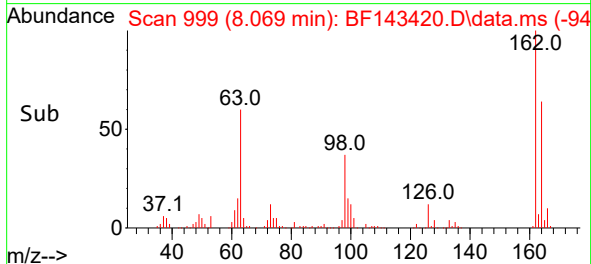
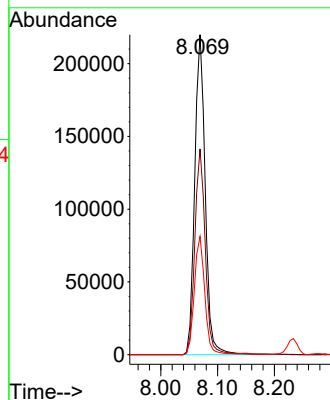
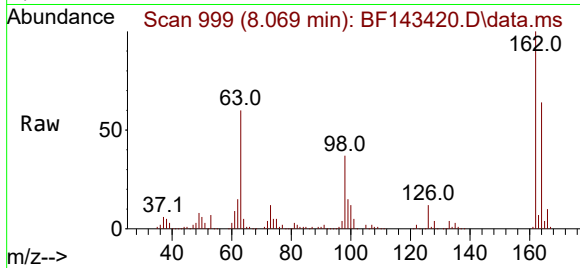
Tgt Ion:162 Resp: 284618

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 36.9 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 39.312 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

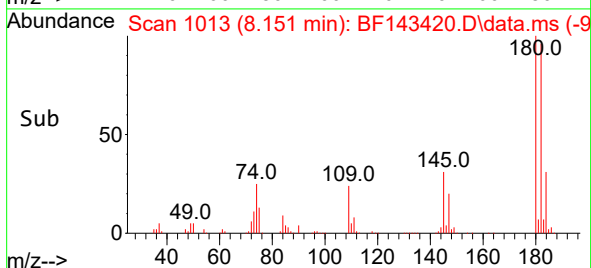
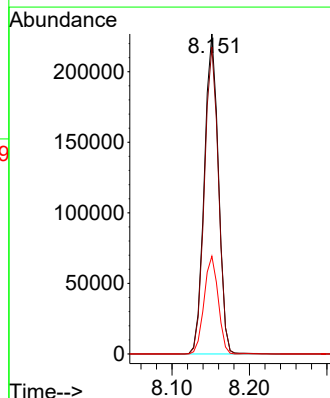
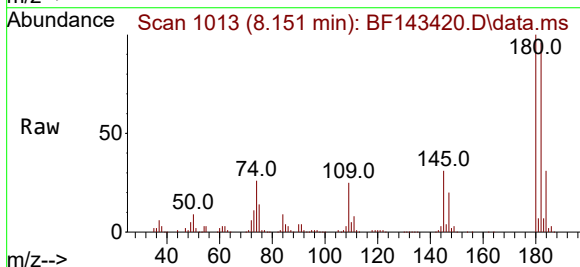
Tgt Ion:180 Resp: 286685

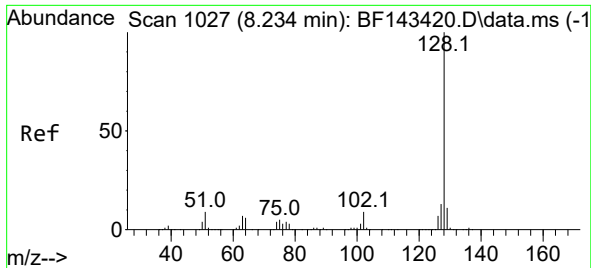
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 30.6 24.5 36.7

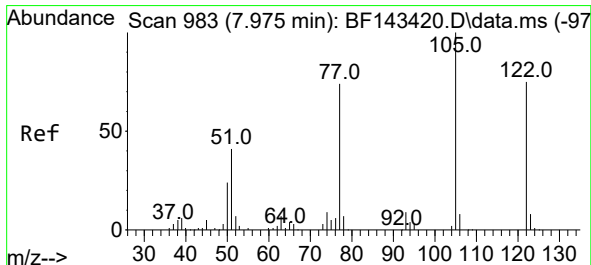
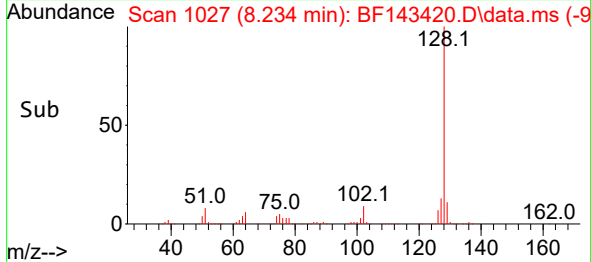
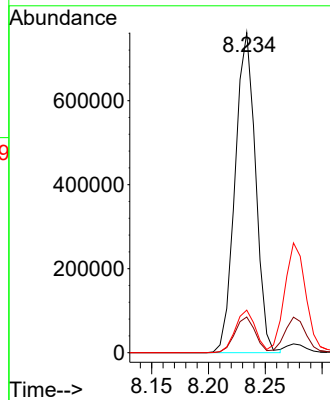
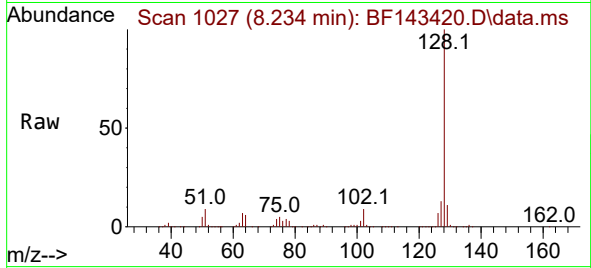




#31
Naphthalene
Concen: 39.623 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

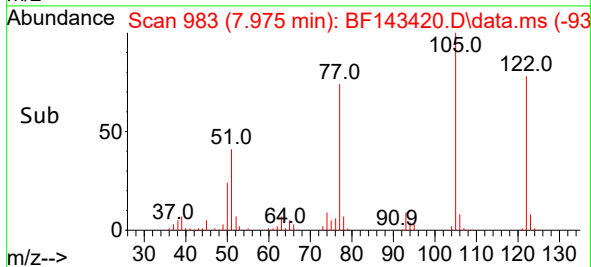
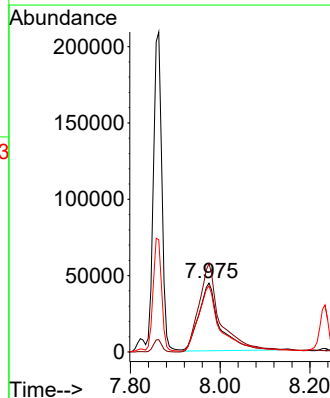
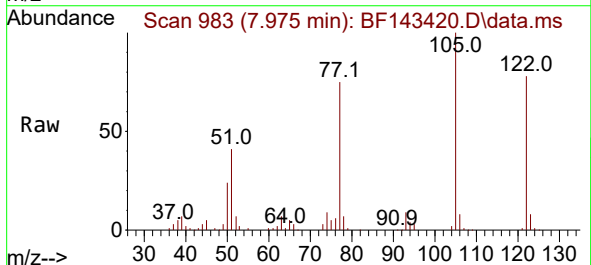
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

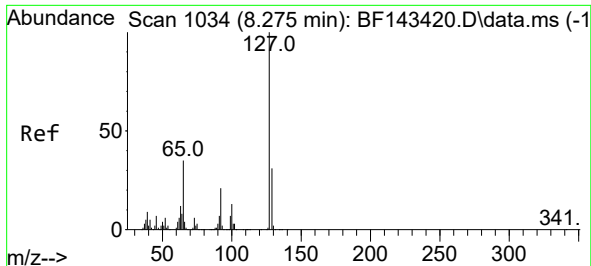
Tgt Ion:128 Resp: 951330
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 39.956 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:122 Resp: 144395
Ion Ratio Lower Upper
122 100
105 128.4 108.4 148.4
77 95.9 75.9 115.9

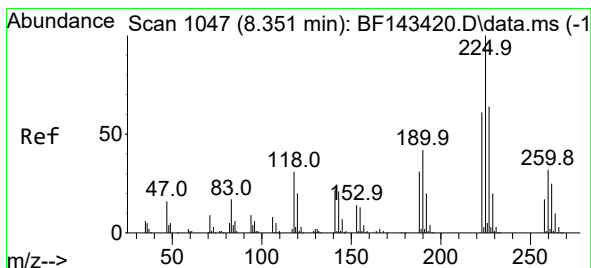
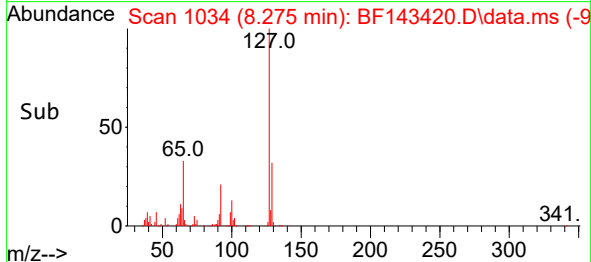
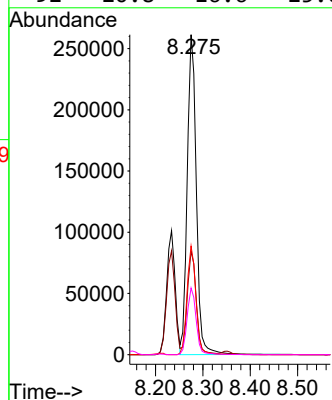
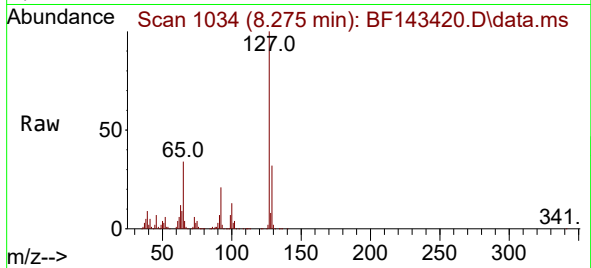




#33
4-Chloroaniline
Concen: 40.155 ng
RT: 8.275 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

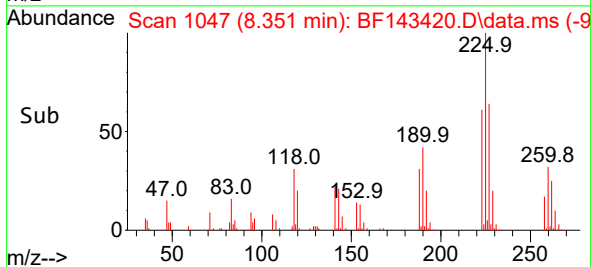
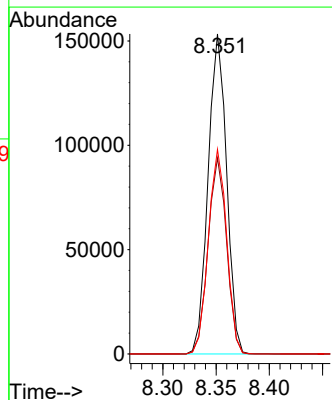
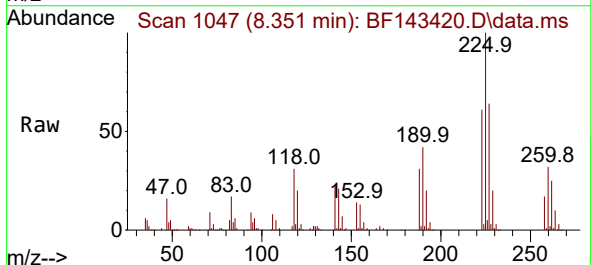
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

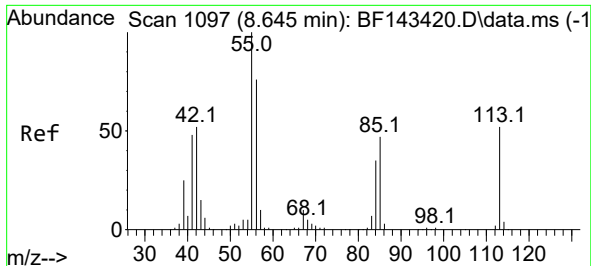
Tgt Ion:	127	Resp:	348006
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	34.0	27.2	40.8
92	20.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.924 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:	225	Resp:	185656
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.0	73.6
227	63.9	51.1	76.7

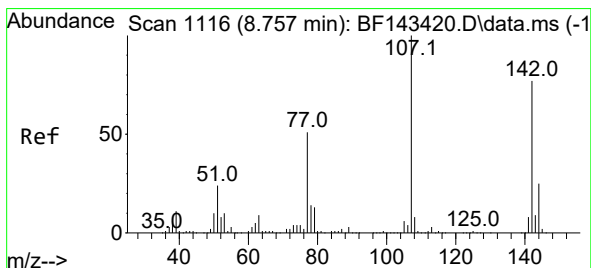
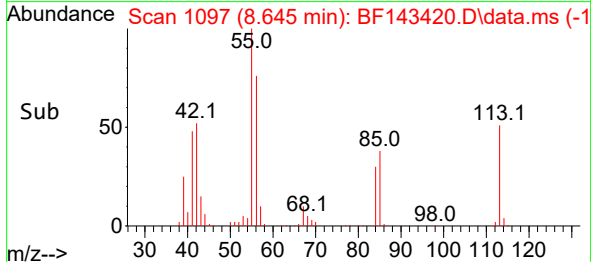
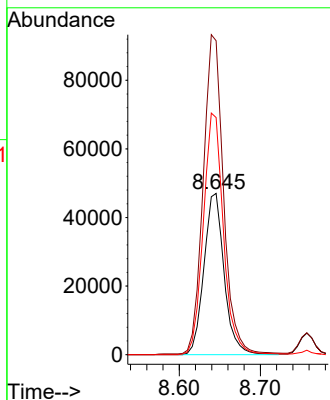
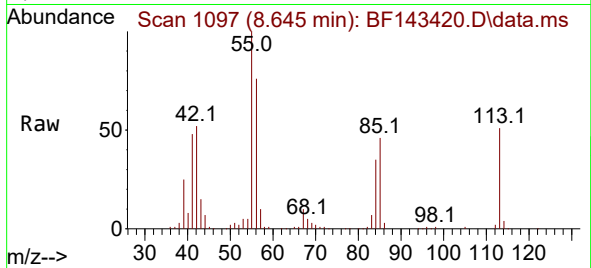




#35
 Caprolactam
 Concen: 39.584 ng
 RT: 8.645 min Scan# 1097
 Delta R.T. 0.000 min
 Lab File: BF143420.D
 Acq: 15 Aug 2025 16:28

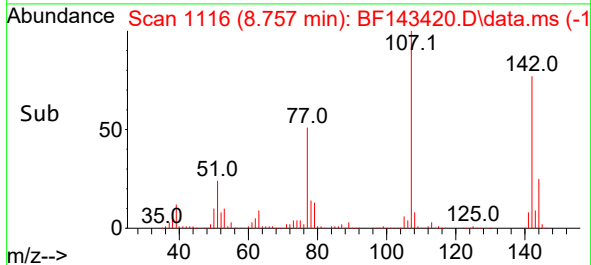
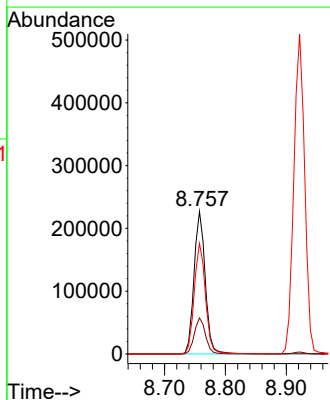
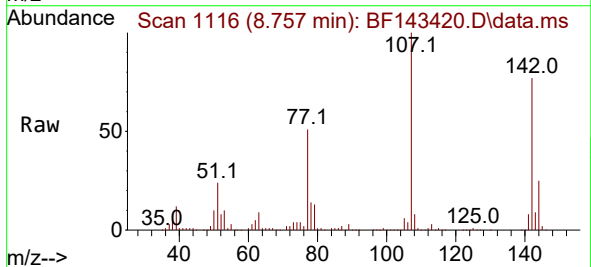
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

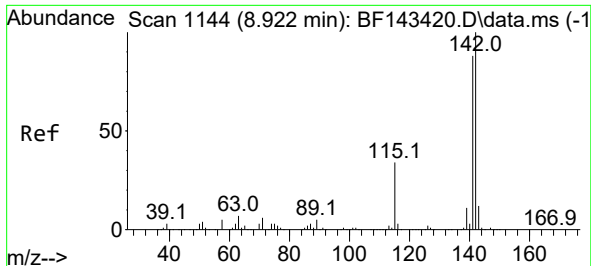
Tgt Ion:113 Resp: 81112
 Ion Ratio Lower Upper
 113 100
 55 194.7 174.7 214.7
 56 147.0 127.0 167.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.809 ng
 RT: 8.757 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: BF143420.D
 Acq: 15 Aug 2025 16:28

Tgt Ion:107 Resp: 291801
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 77.5 62.0 93.0

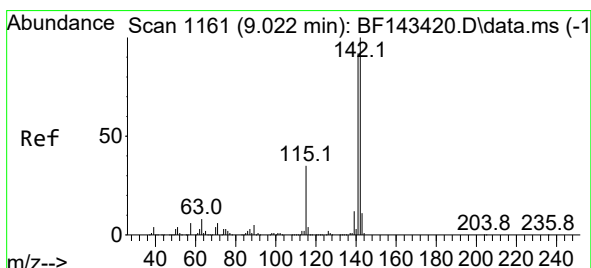
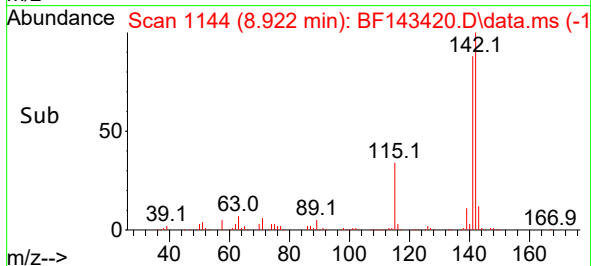
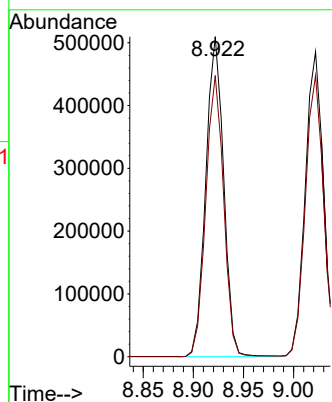
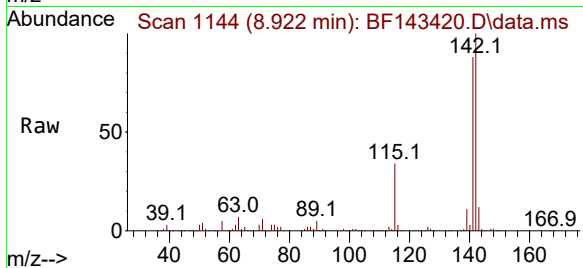




#37
2-Methylnaphthalene
Concen: 39.038 ng
RT: 8.922 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

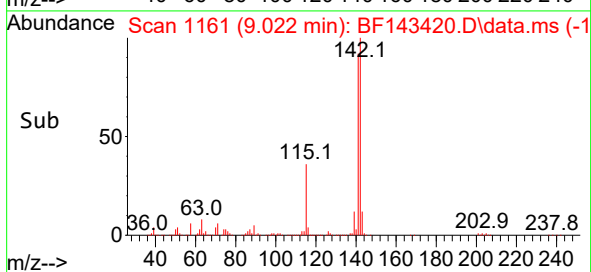
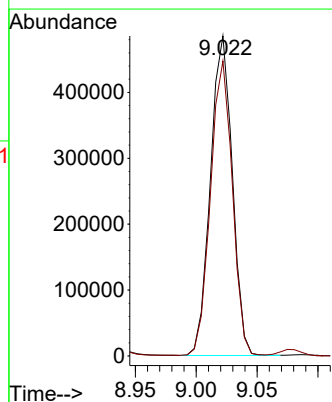
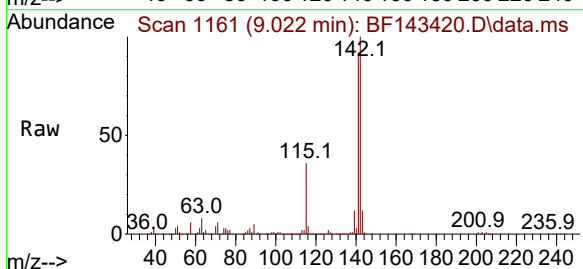
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

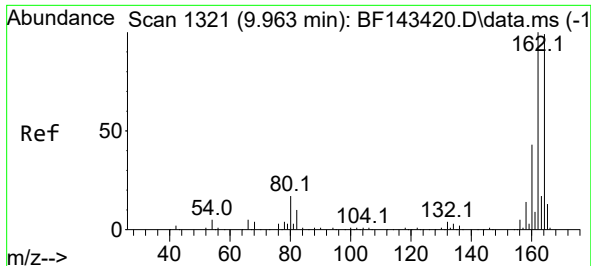
Tgt Ion:142 Resp: 631789
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5



#38
1-Methylnaphthalene
Concen: 38.959 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

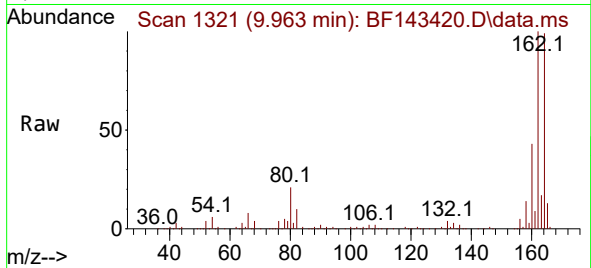
Tgt Ion:142 Resp: 604084
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6



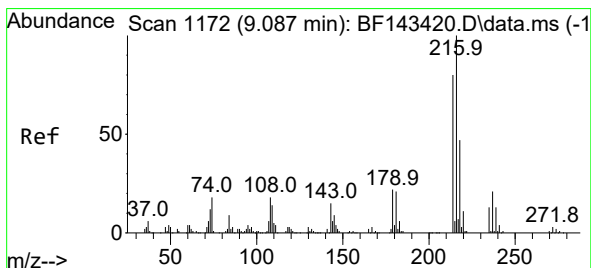
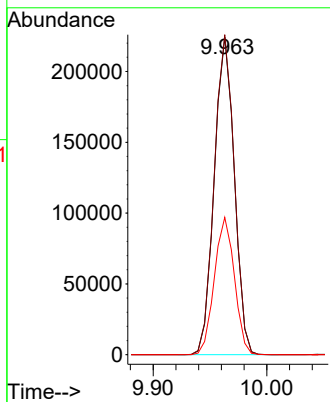
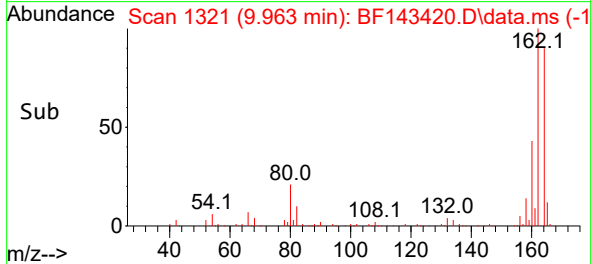


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 1172
 Delta R.T. 0.000 min
 Lab File: BF143420.D
 Acq: 15 Aug 2025 16:28

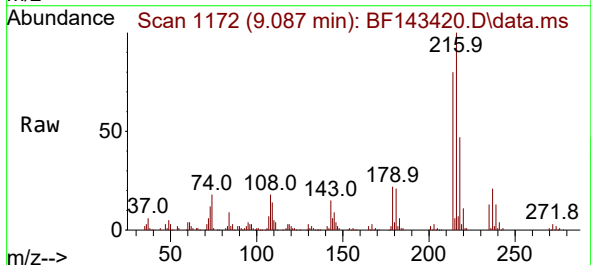
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040



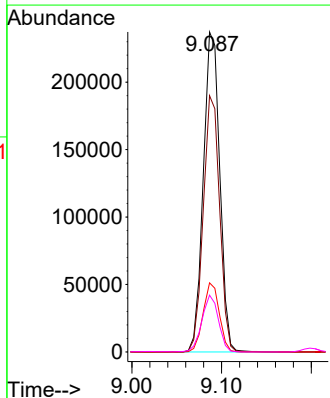
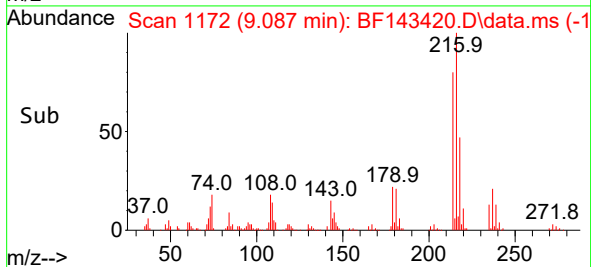
Tgt Ion:164 Resp: 275083
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 121.0
 160 43.2 34.6 51.8

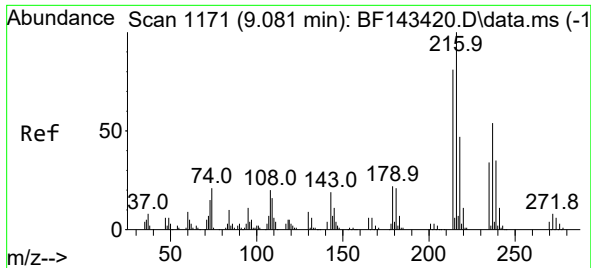


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.357 ng
 RT: 9.087 min Scan# 1172
 Delta R.T. 0.000 min
 Lab File: BF143420.D
 Acq: 15 Aug 2025 16:28



Tgt Ion:216 Resp: 301932
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.7 95.5
 179 21.2 17.0 25.4
 108 17.9 14.3 21.5

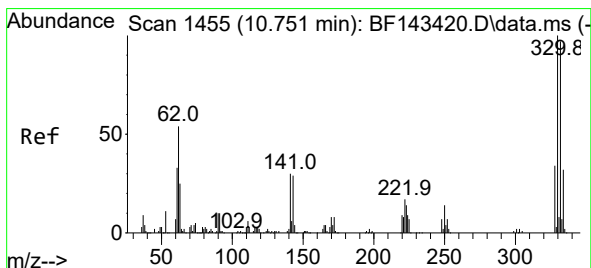
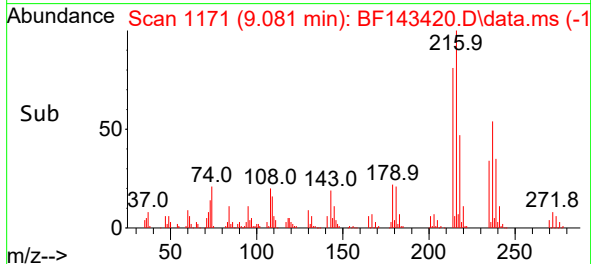
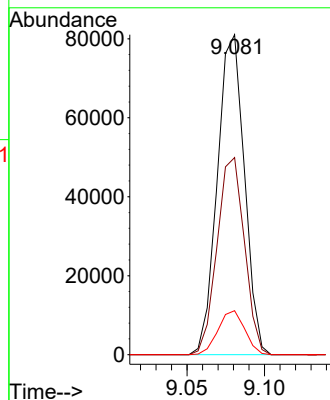
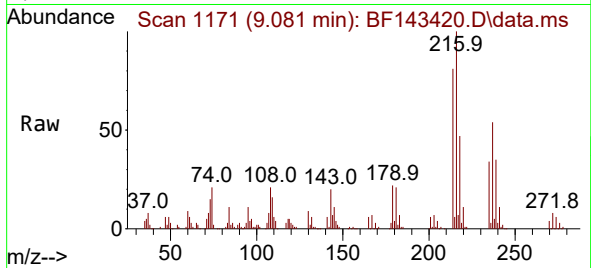




#41
Hexachlorocyclopentadiene
Concen: 38.885 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

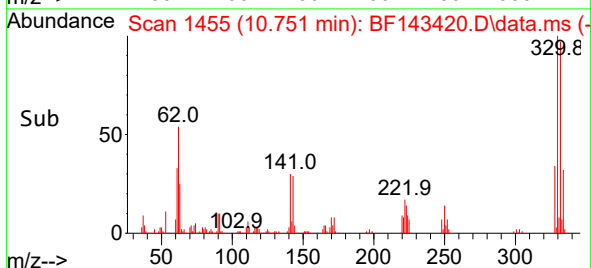
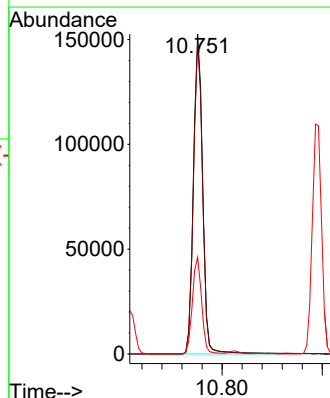
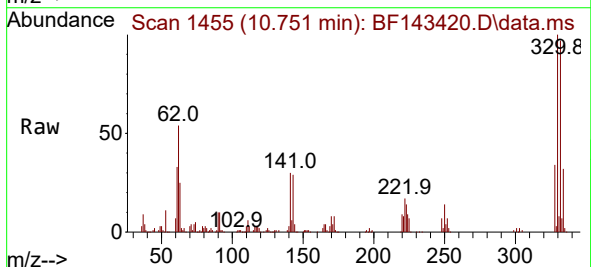
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

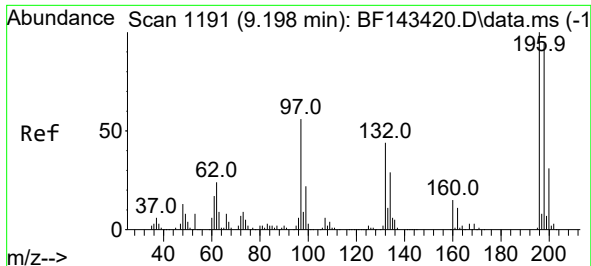
Tgt Ion:	237	Resp:	98458
Ion Ratio	Lower	Upper	
237	100		
235	61.6	41.6	81.6
272	13.8	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 79.524 ng
RT: 10.751 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:	330	Resp:	194710
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.4	116.2
141	30.1	24.1	36.1





#43

2,4,6-Trichlorophenol

Concen: 40.635 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

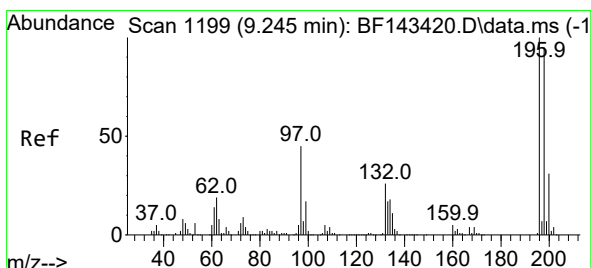
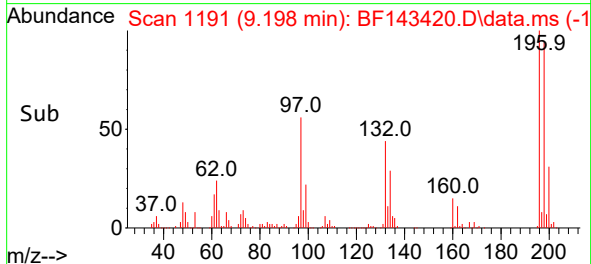
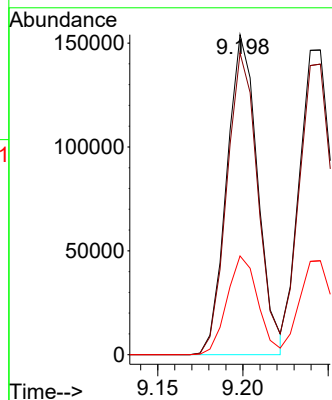
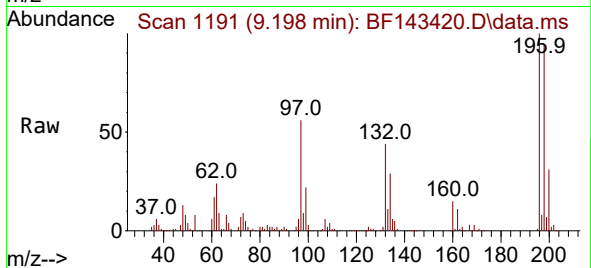
Tgt Ion:196 Resp: 194463

Ion Ratio Lower Upper

196 100

198 94.3 75.4 113.2

200 30.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 40.546 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Tgt Ion:196 Resp: 207994

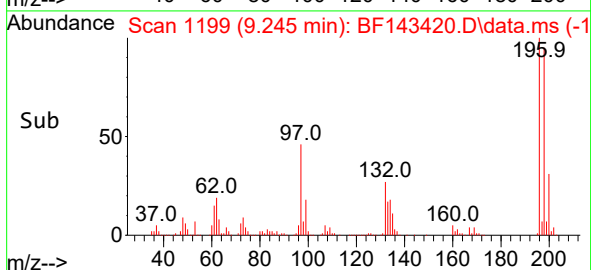
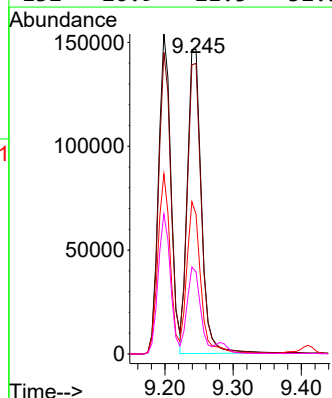
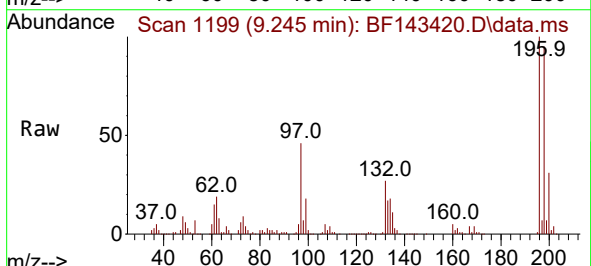
Ion Ratio Lower Upper

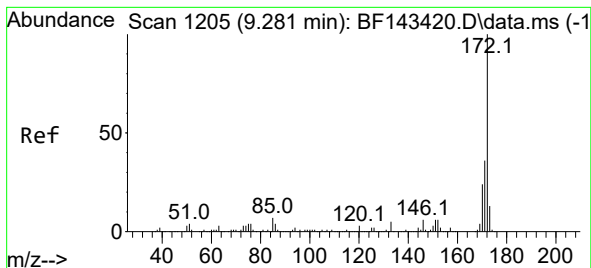
196 100

198 95.3 76.2 114.4

97 45.8 36.6 55.0

132 26.9 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 76.137 ng

RT: 9.281 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

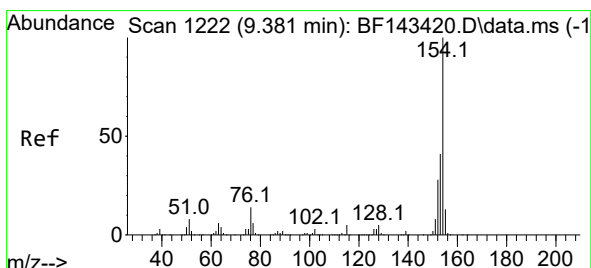
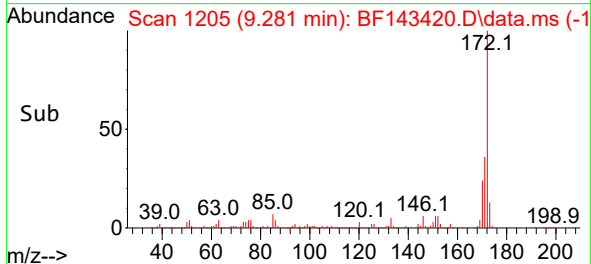
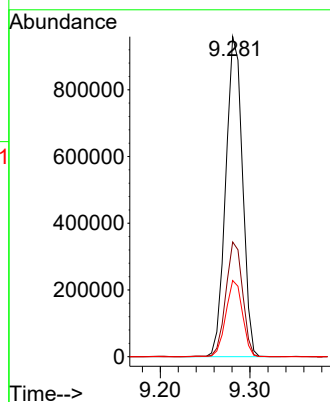
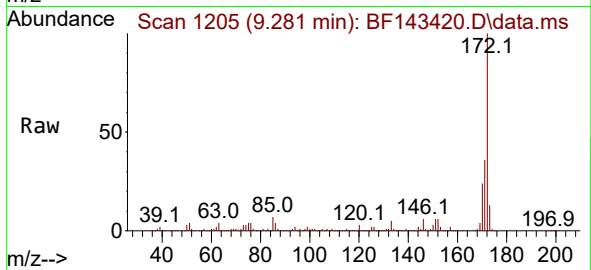
Tgt Ion:172 Resp: 1245188

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.133 ng

RT: 9.381 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

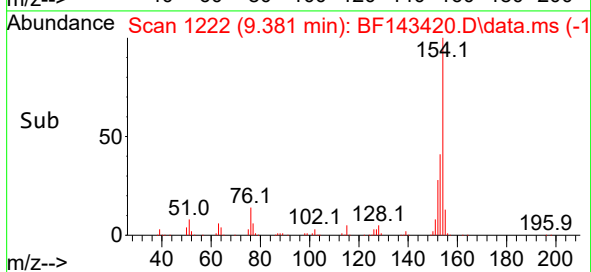
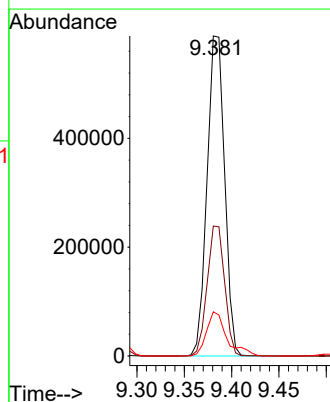
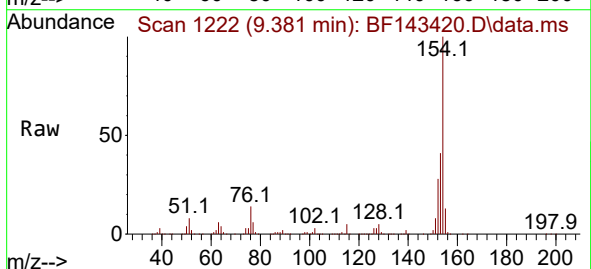
Tgt Ion:154 Resp: 756357

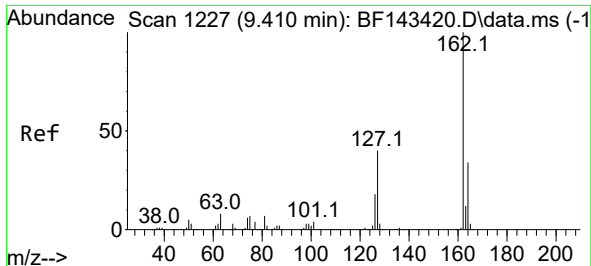
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.8 0.0 33.8

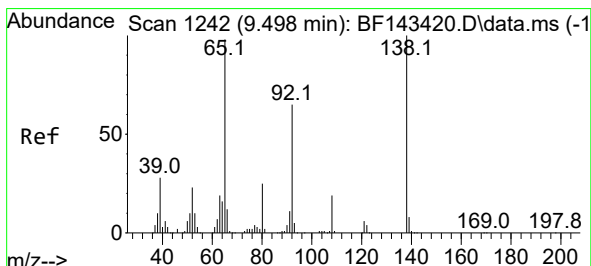
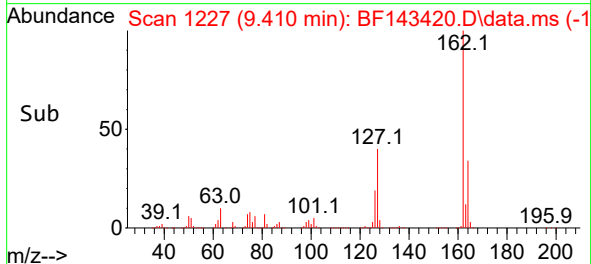
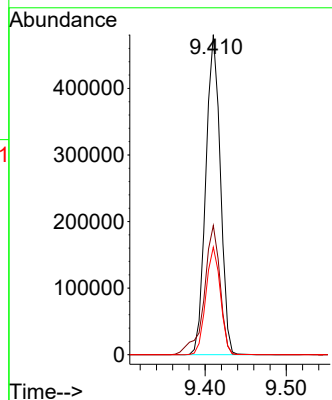
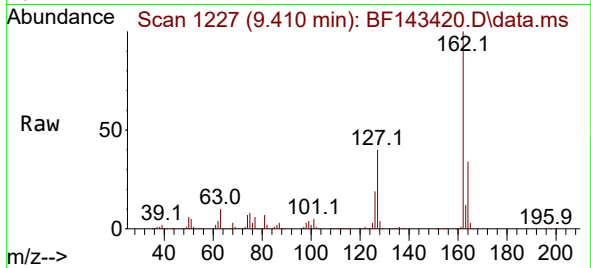




#47
2-Chloronaphthalene
Concen: 39.044 ng
RT: 9.410 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

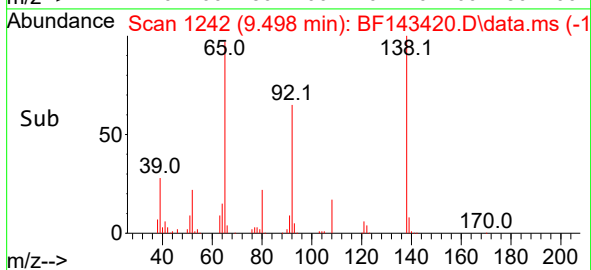
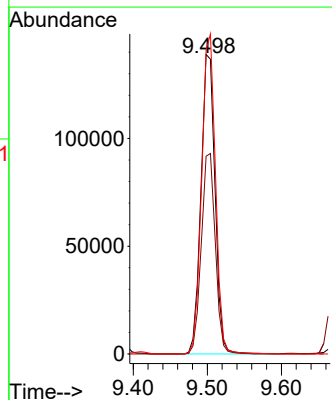
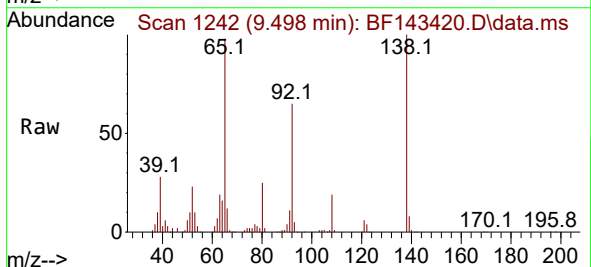
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

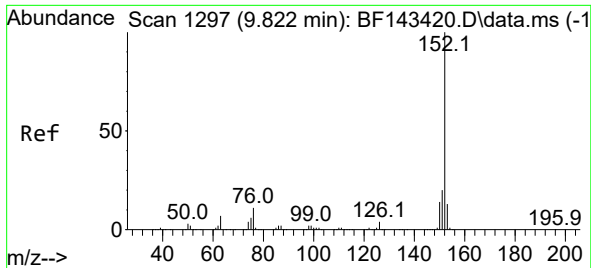
Tgt Ion:162 Resp: 595680
Ion Ratio Lower Upper
162 100
127 40.4 32.3 48.5
164 33.6 26.9 40.3



#48
2-Nitroaniline
Concen: 40.666 ng
RT: 9.498 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion: 65 Resp: 184632
Ion Ratio Lower Upper
65 100
92 66.1 52.9 79.3
138 101.6 81.3 121.9

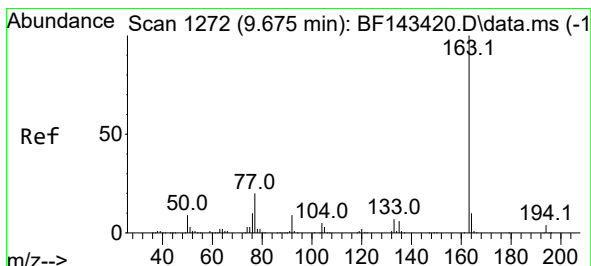
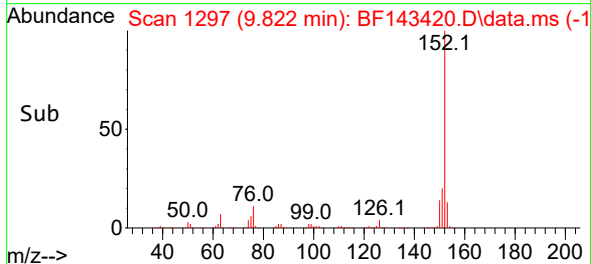
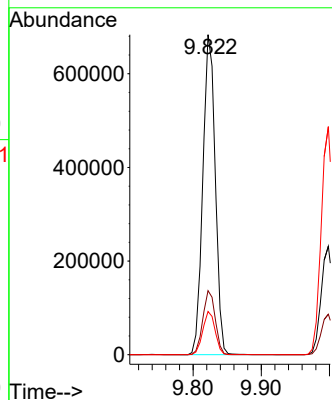
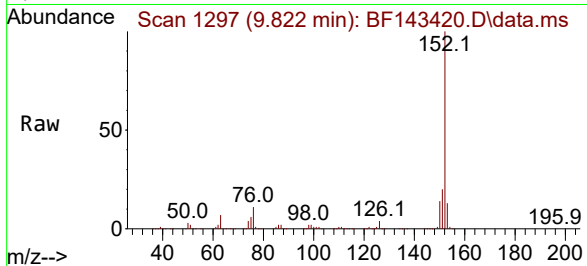




#49
Acenaphthylene
Concen: 39.280 ng
RT: 9.822 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

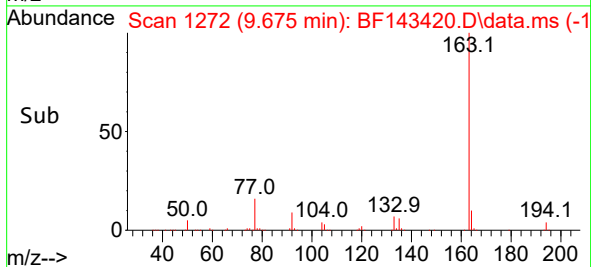
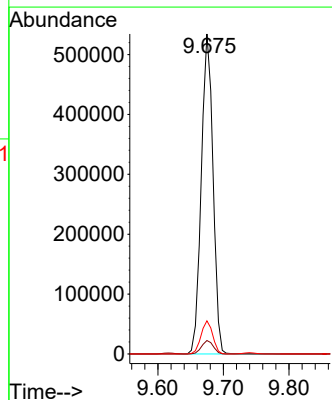
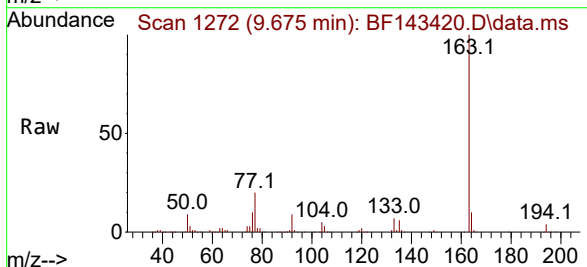
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

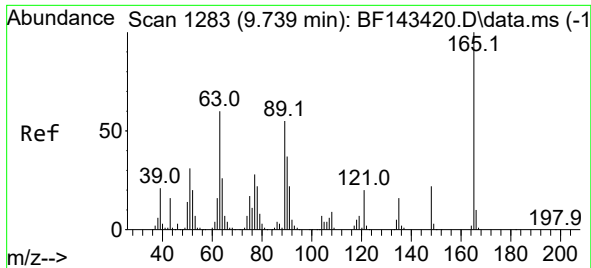
Tgt Ion:152 Resp: 865258
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.5 10.8 16.2



#50
Dimethylphthalate
Concen: 38.811 ng
RT: 9.675 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:163 Resp: 665610
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.4

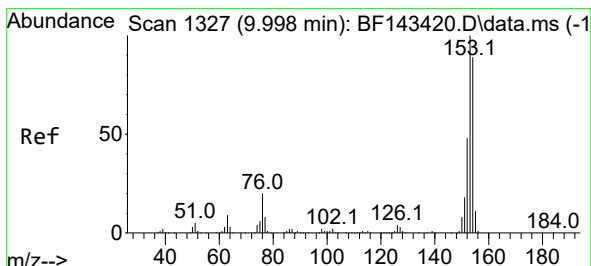
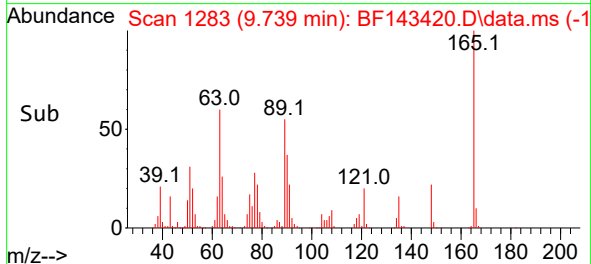
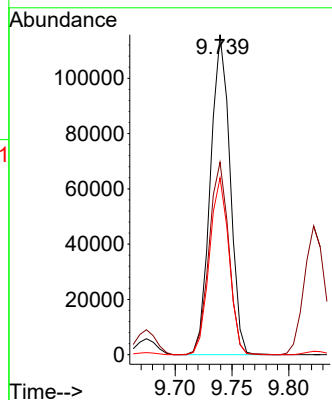
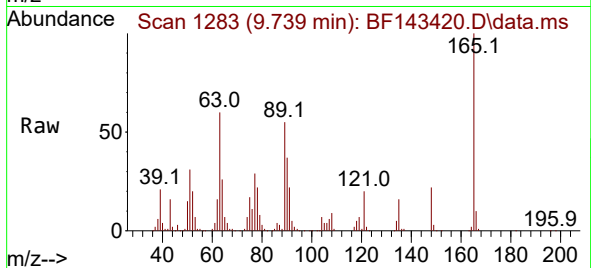




#51
2,6-Dinitrotoluene
Concen: 41.024 ng
RT: 9.739 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

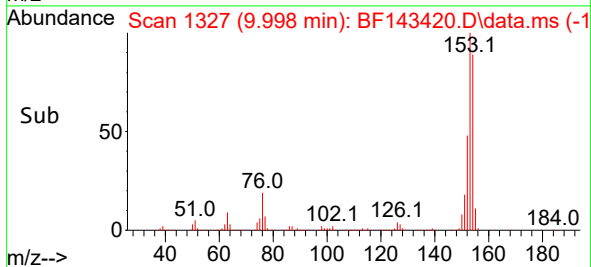
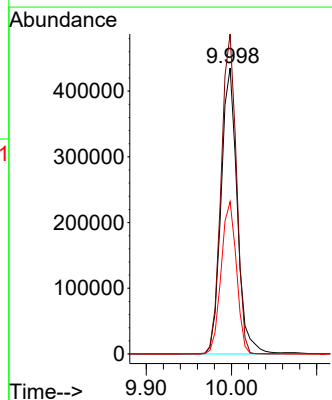
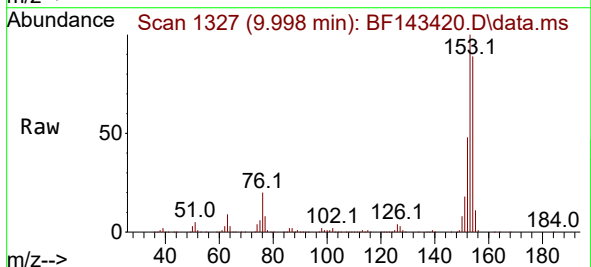
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

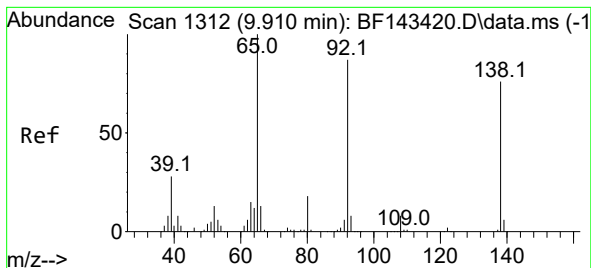
Tgt Ion:165 Resp: 138694
Ion Ratio Lower Upper
165 100
63 60.2 48.2 72.2
89 55.2 44.2 66.2



#52
Acenaphthene
Concen: 38.736 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:154 Resp: 573888
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.3 42.6 64.0





#53

3-Nitroaniline

Concen: 41.285 ng

RT: 9.910 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

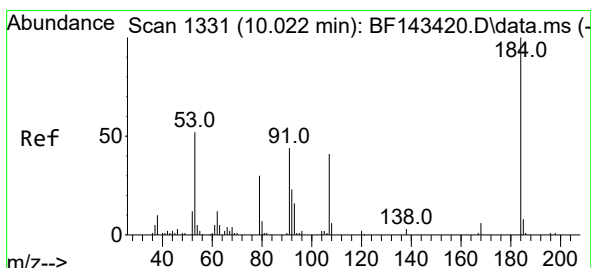
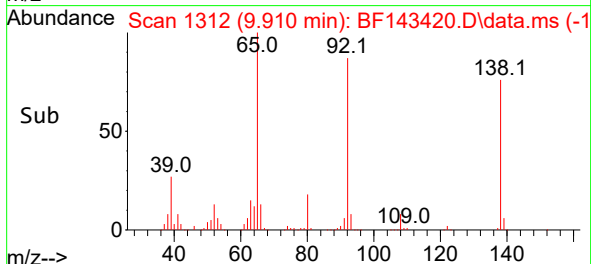
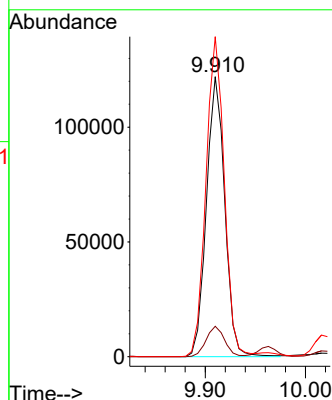
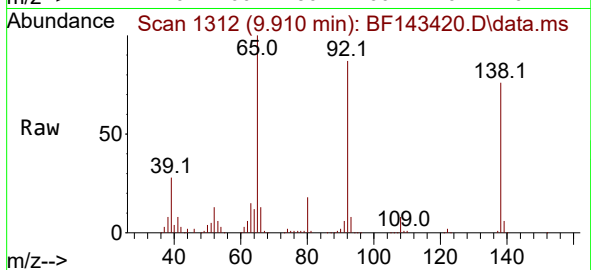
Tgt Ion:138 Resp: 155480

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

92 114.3 91.4 137.2



#54

2,4-Dinitrophenol

Concen: 37.023 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

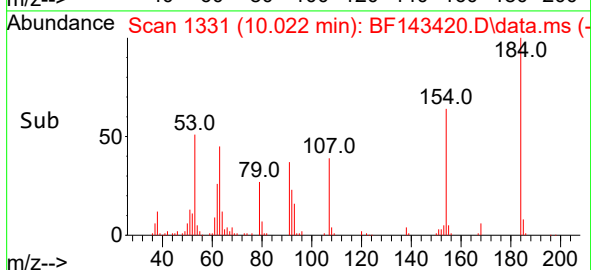
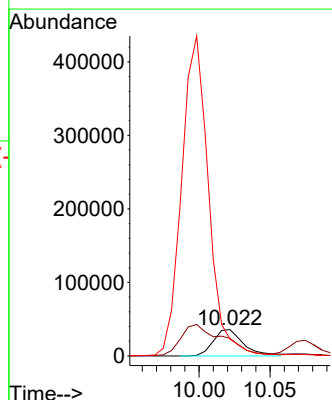
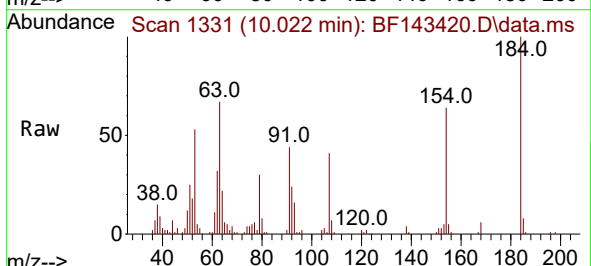
Tgt Ion:184 Resp: 52940

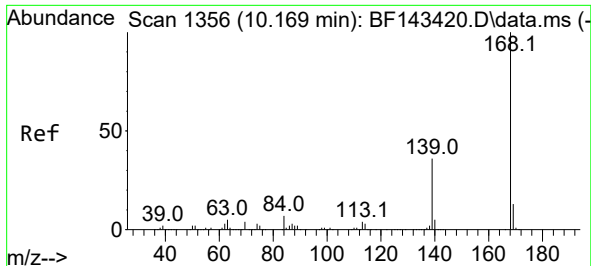
Ion Ratio Lower Upper

184 100

63 66.5 53.2 79.8

154 64.1 51.3 76.9

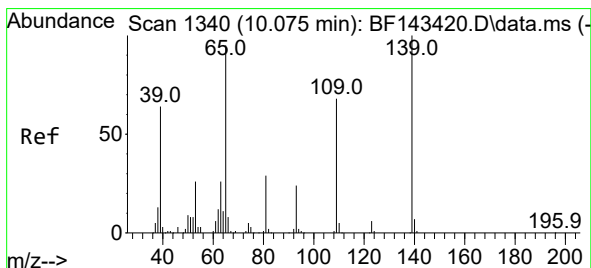
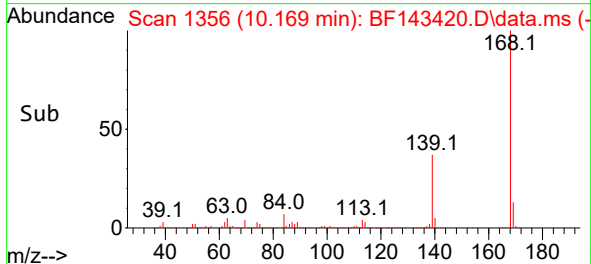
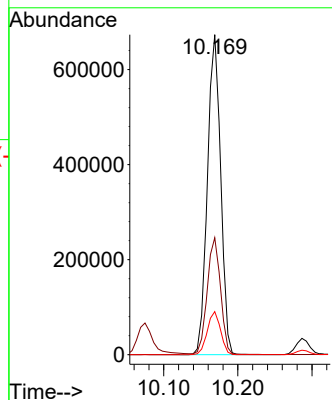
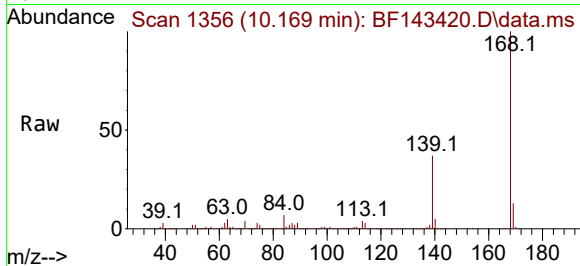




#55
Dibenzenofuran
Concen: 39.027 ng
RT: 10.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

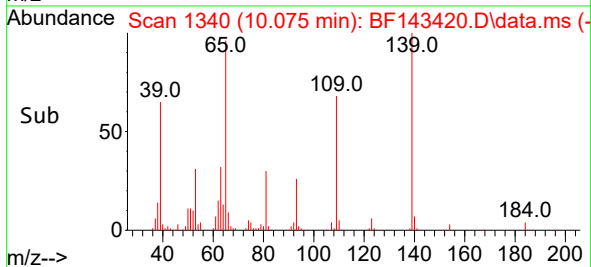
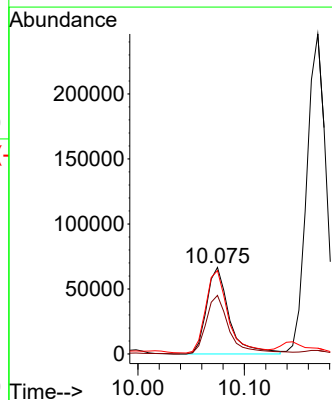
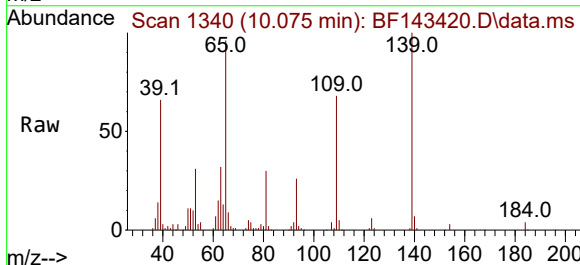
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

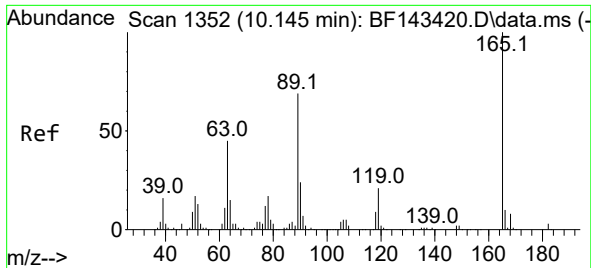
Tgt Ion:168 Resp: 834107
Ion Ratio Lower Upper
168 100
139 36.6 29.3 43.9
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 41.570 ng
RT: 10.075 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:139 Resp: 98425
Ion Ratio Lower Upper
139 100
109 67.7 47.7 87.7
65 96.4 76.4 116.4

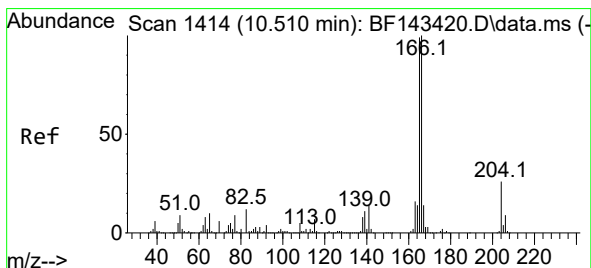
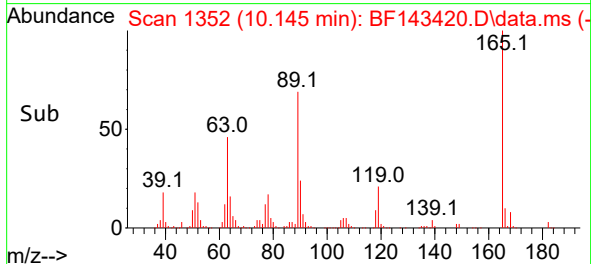
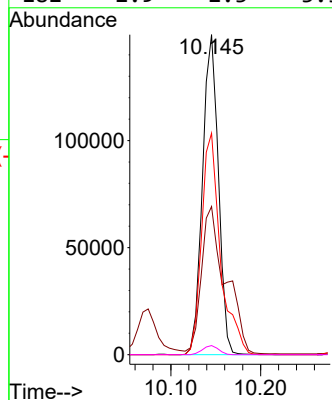
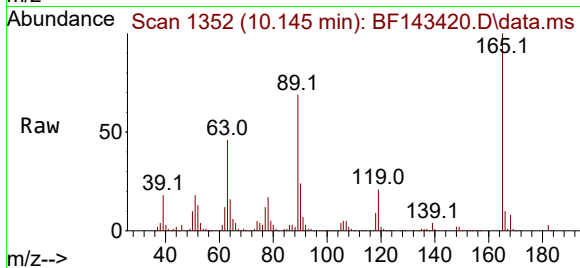




#57
2,4-Dinitrotoluene
Concen: 40.714 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

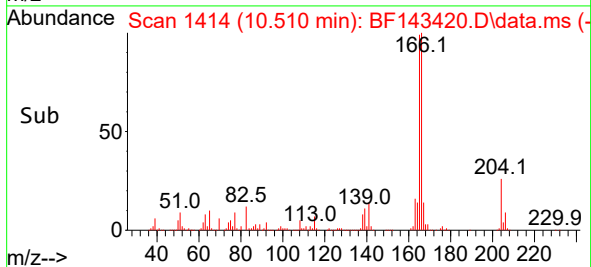
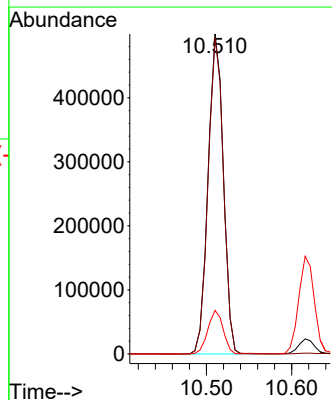
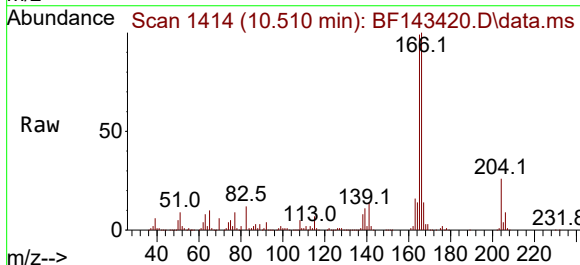
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

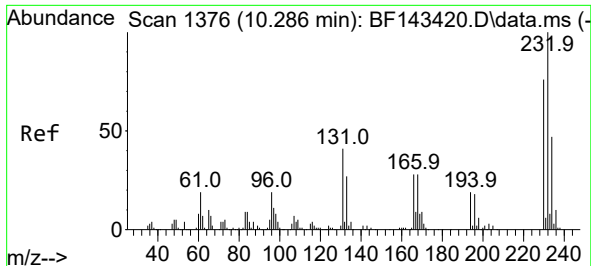
Tgt Ion:165 Resp: 183519
Ion Ratio Lower Upper
165 100
63 46.3 37.0 55.6
89 69.2 55.4 83.0
182 2.9 2.3 3.5



#58
Fluorene
Concen: 37.948 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:166 Resp: 623065
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.6
167 13.6 10.9 16.3



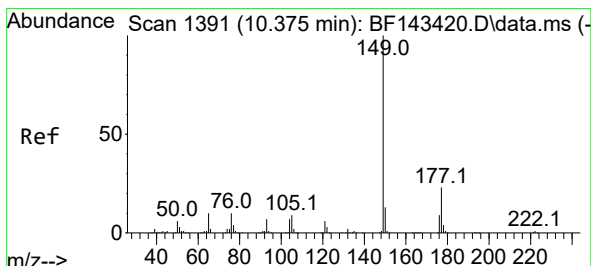
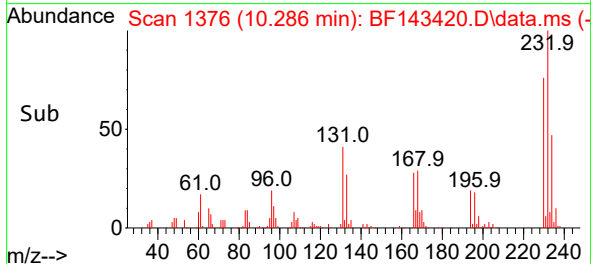
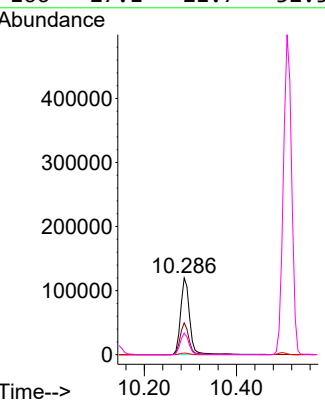
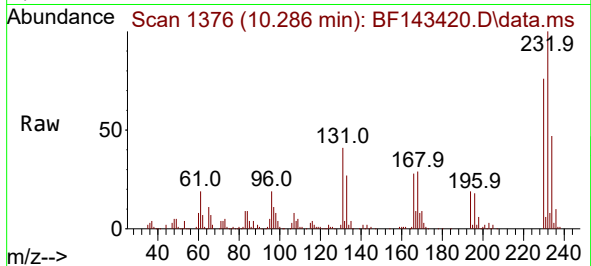


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.137 ng
RT: 10.286 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 163623

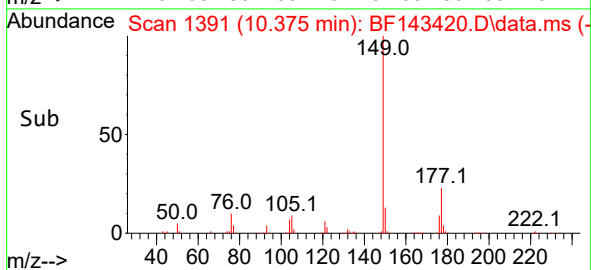
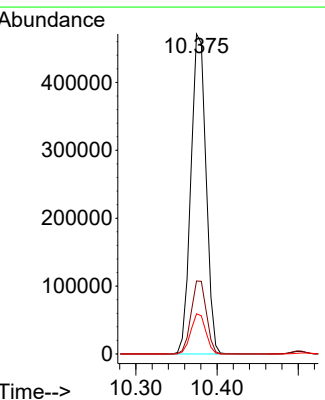
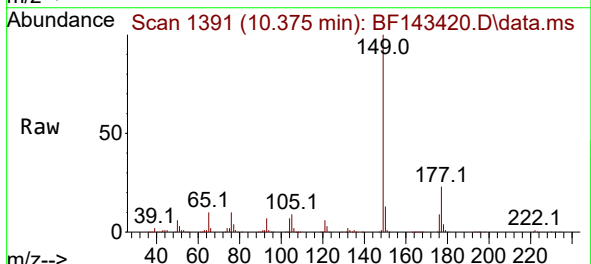
Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.0	48.0
130	2.1	1.7	2.5
166	27.1	21.7	32.5

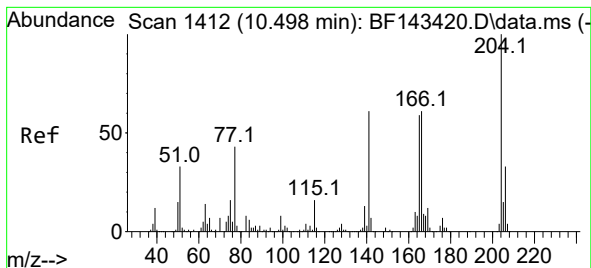


#60
Diethylphthalate
Concen: 38.477 ng
RT: 10.375 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:149 Resp: 609804

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.4
150	12.6	10.1	15.1

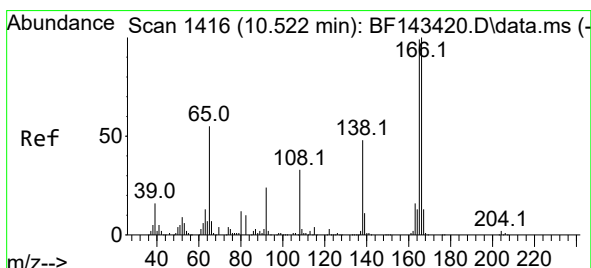
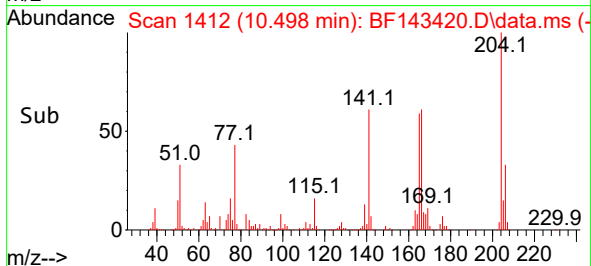
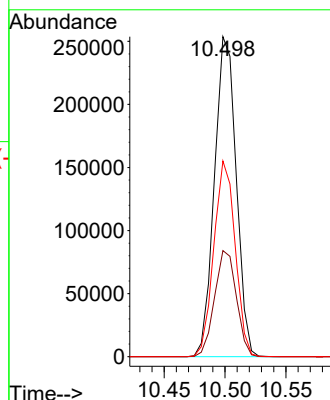
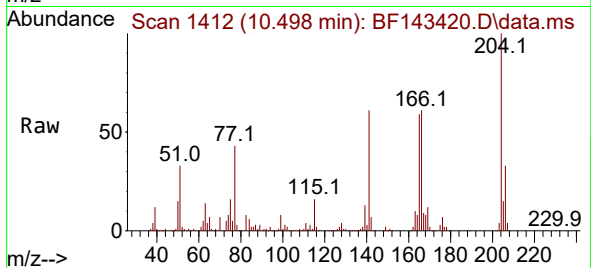




#61
4-Chlorophenyl-phenylether
Concen: 38.911 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

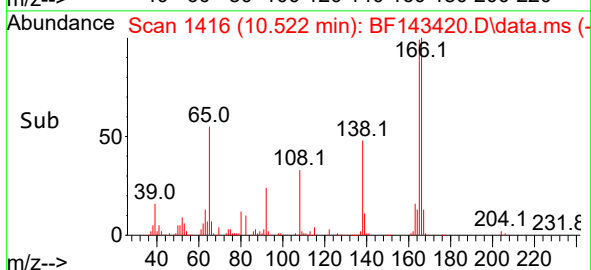
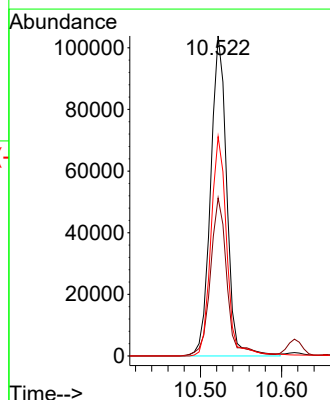
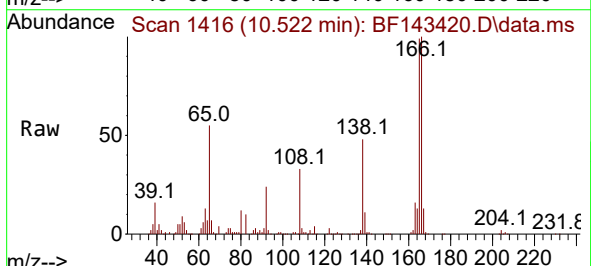
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

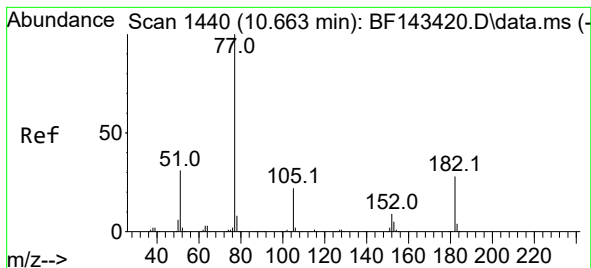
Tgt Ion:204 Resp: 315863
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 61.2 49.0 73.4



#62
4-Nitroaniline
Concen: 40.695 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:138 Resp: 143326
Ion Ratio Lower Upper
138 100
92 49.4 29.4 69.4
108 68.6 48.6 88.6





#63

Azobenzene

Concen: 39.038 ng

RT: 10.663 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 625307

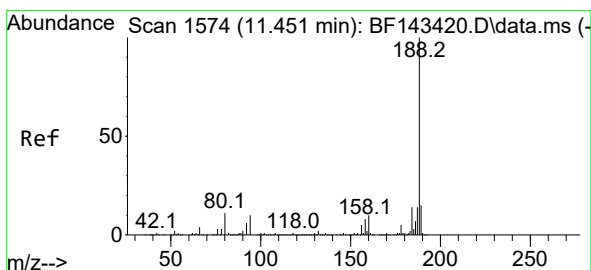
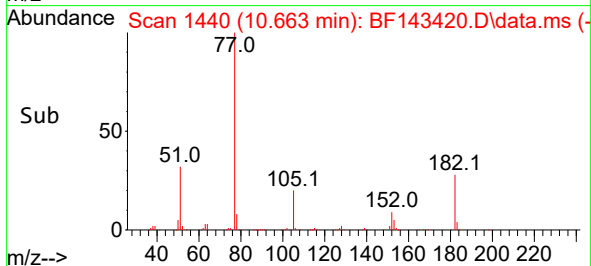
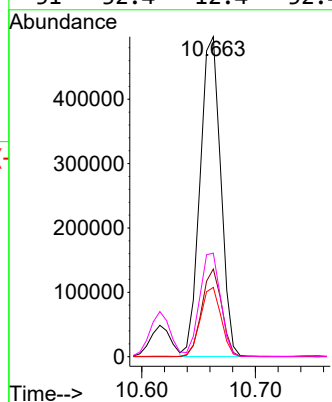
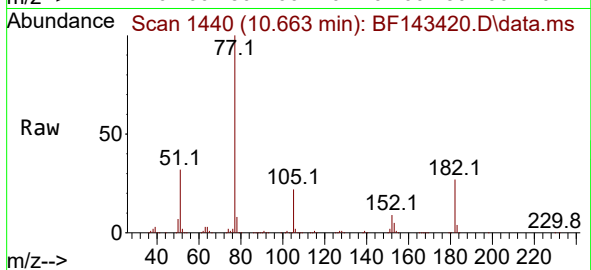
Ion Ratio Lower Upper

77 100

182 27.4 7.4 47.4

105 21.7 1.7 41.7

51 32.4 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

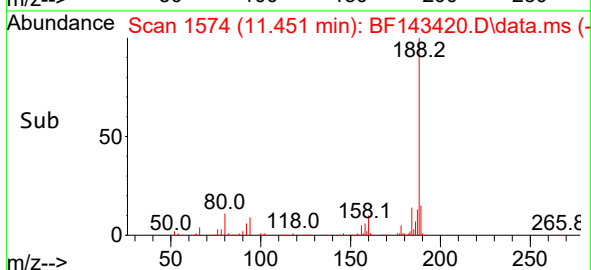
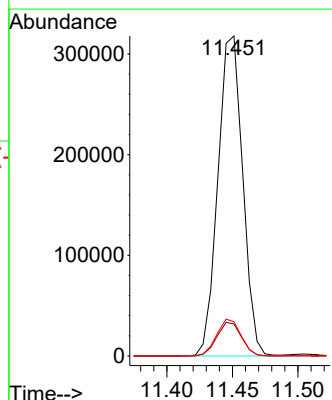
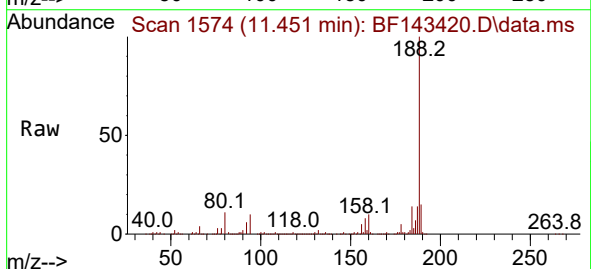
Tgt Ion:188 Resp: 418439

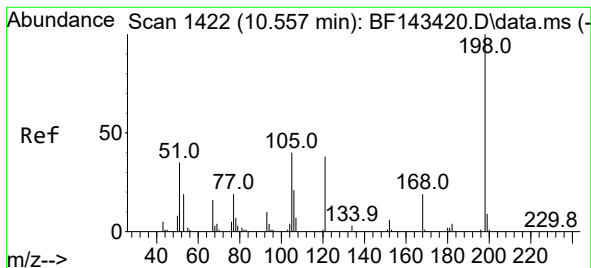
Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

80 10.7 8.6 12.8

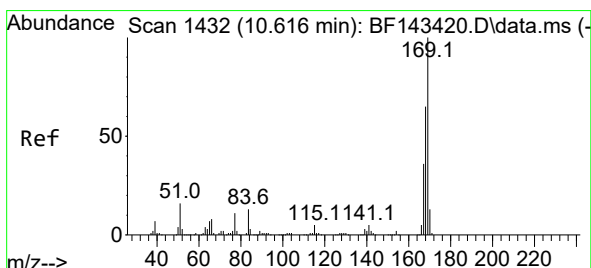
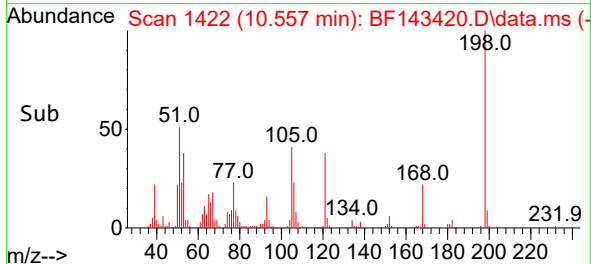
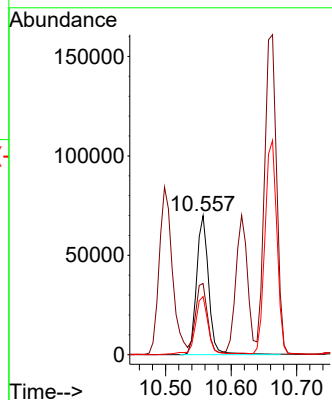
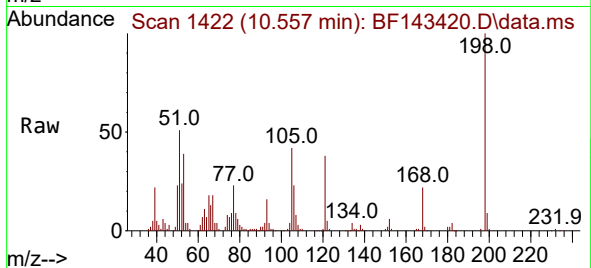




#65
4,6-Dinitro-2-methylphenol
Concen: 41.565 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

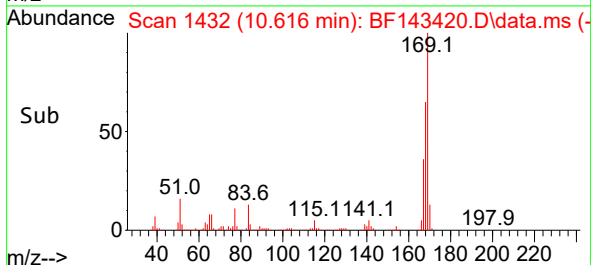
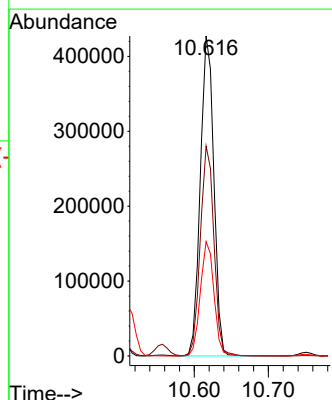
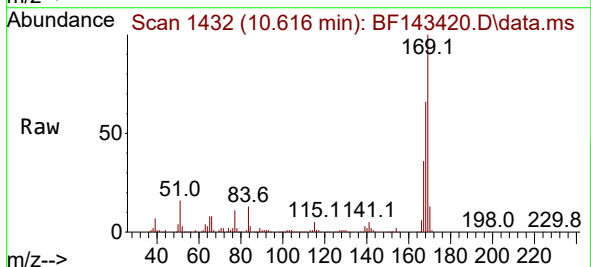
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

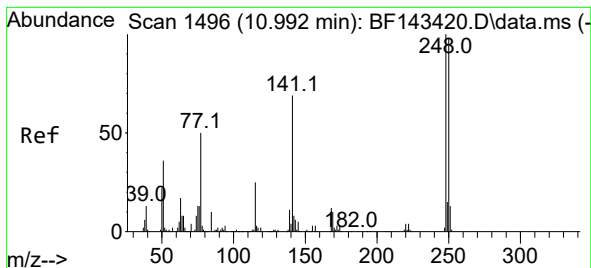
Tgt Ion:198 Resp: 89738
Ion Ratio Lower Upper
198 100
51 51.2 31.2 71.2
105 41.7 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 39.686 ng
RT: 10.616 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:169 Resp: 539955
Ion Ratio Lower Upper
169 100
168 65.6 52.5 78.7
167 35.7 28.6 42.8

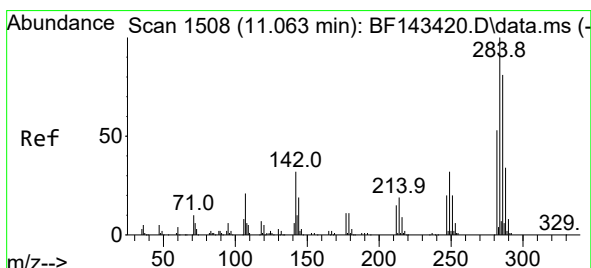
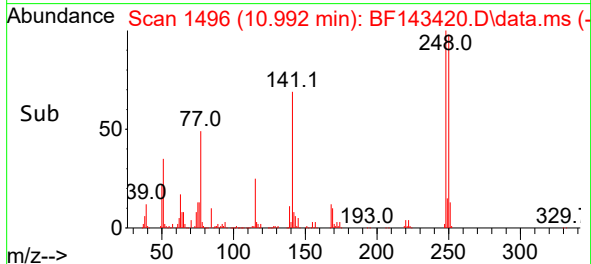
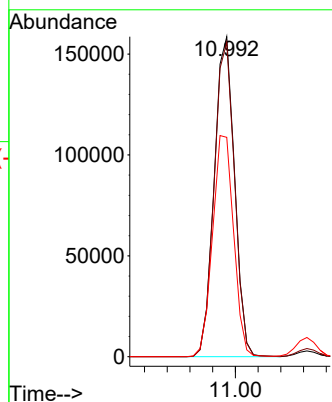
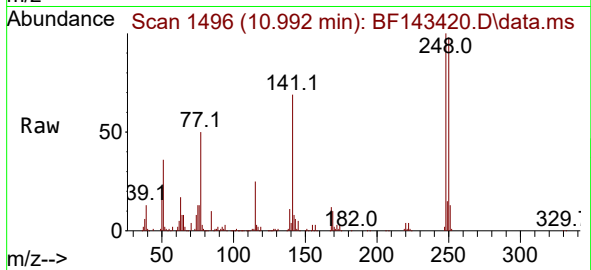




#67
4-Bromophenyl-phenylether
Concen: 39.946 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

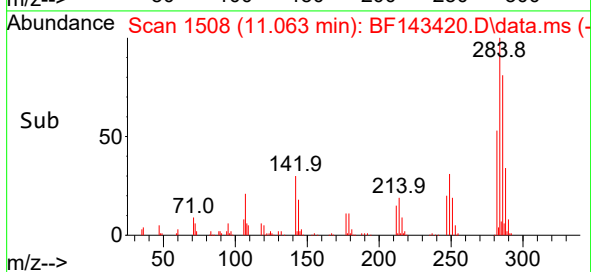
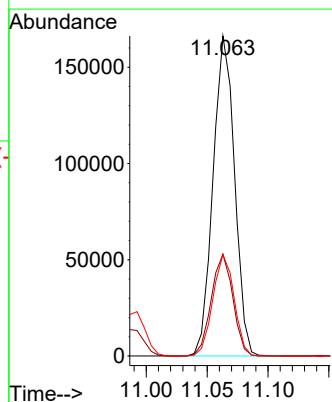
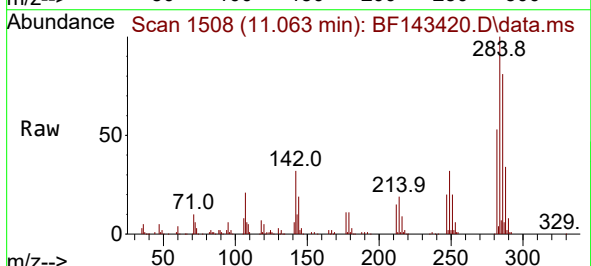
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

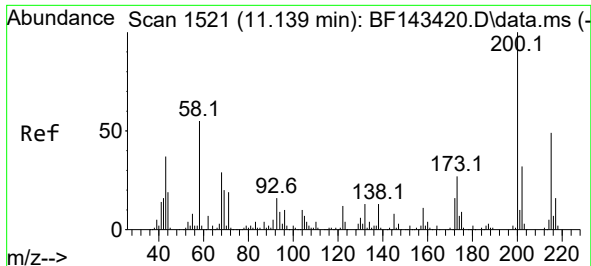
Tgt Ion:248 Resp: 197382
Ion Ratio Lower Upper
248 100
250 98.3 78.6 118.0
141 68.6 54.9 82.3



#68
Hexachlorobenzene
Concen: 38.899 ng
RT: 11.063 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:284 Resp: 204335
Ion Ratio Lower Upper
284 100
142 31.8 25.4 38.2
249 31.7 25.4 38.0

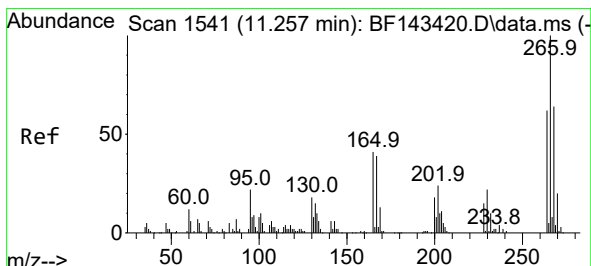
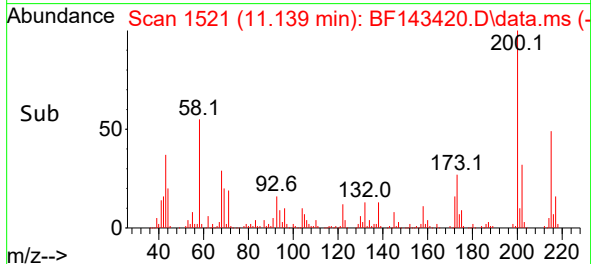
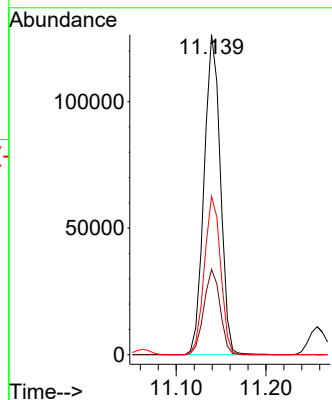
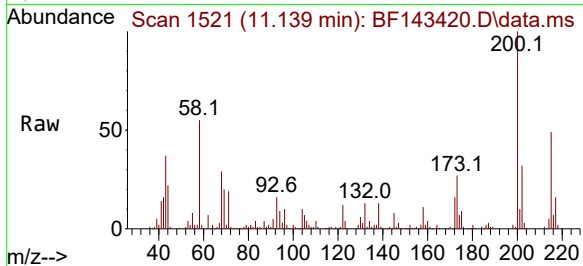




#69
Atrazine
Concen: 39.987 ng
RT: 11.139 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

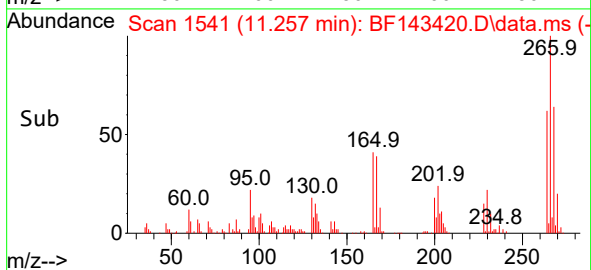
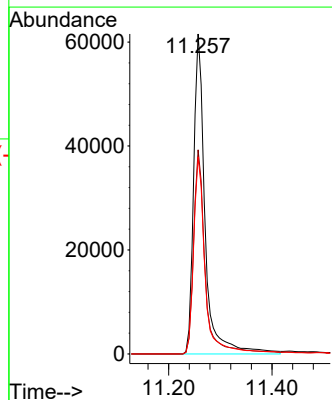
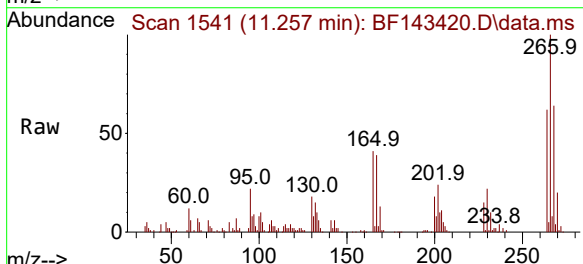
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

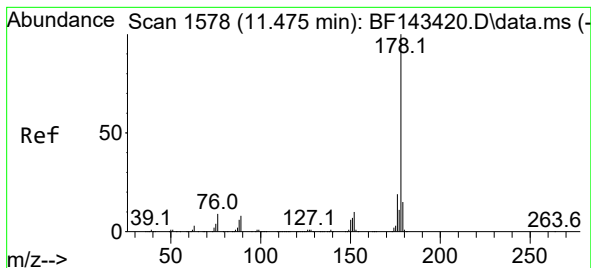
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	49.5	29.5	69.5



#70
Pentachlorophenol
Concen: 40.967 ng
RT: 11.257 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.6
264	61.6	49.3	73.9





#71

Phenanthrene

Concen: 39.146 ng

RT: 11.475 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

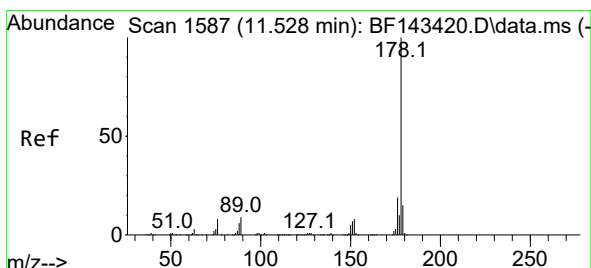
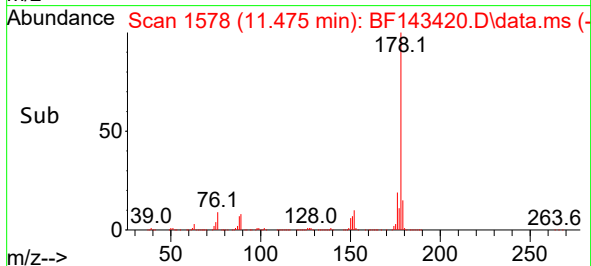
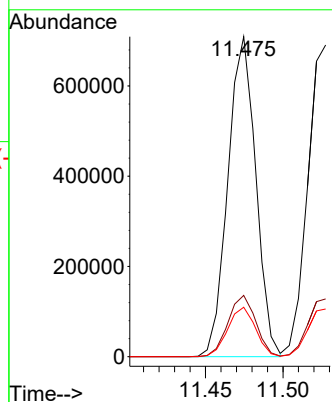
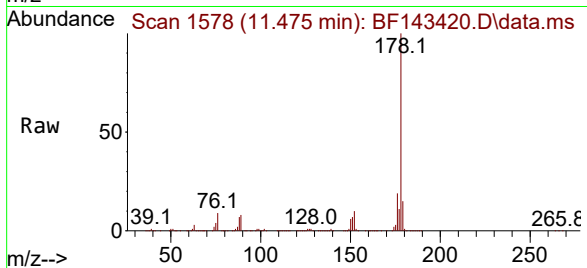
Tgt Ion:178 Resp: 887025

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.4 12.3 18.5



#72

Anthracene

Concen: 38.933 ng

RT: 11.528 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

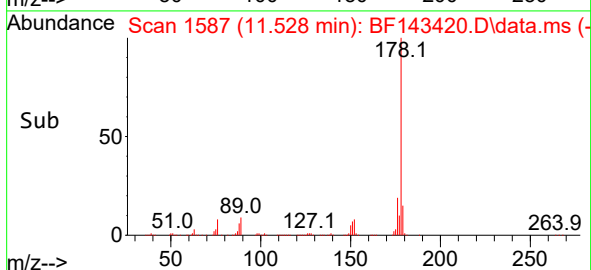
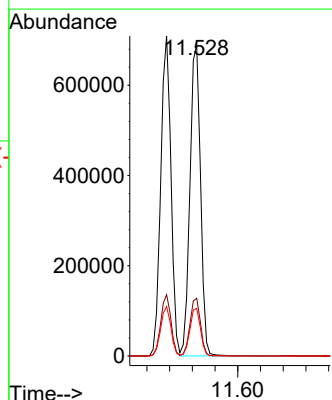
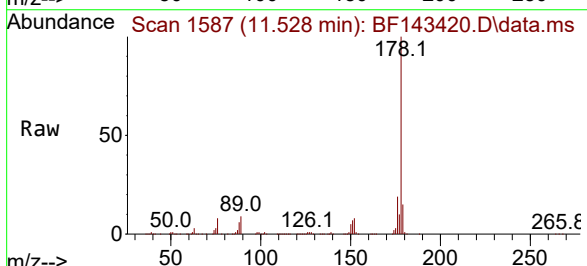
Tgt Ion:178 Resp: 891035

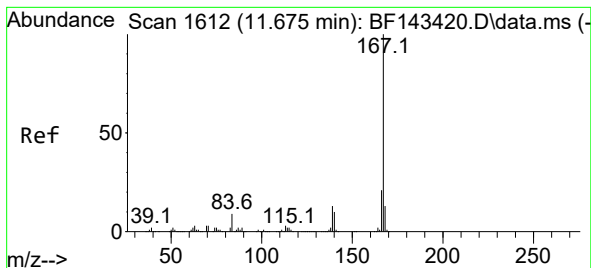
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.3 12.2 18.4





#73

Carbazole

Concen: 38.687 ng

RT: 11.675 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

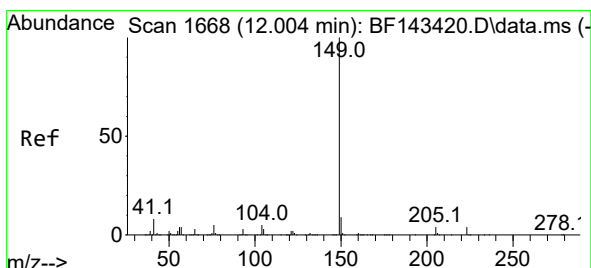
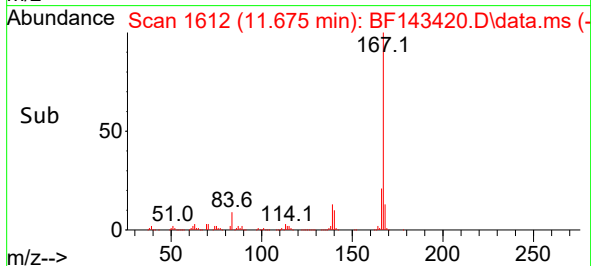
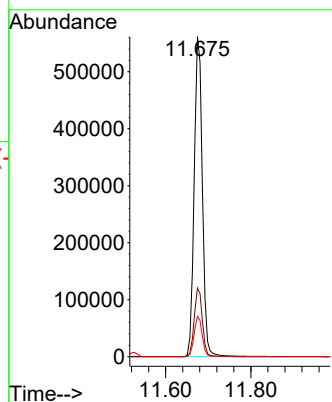
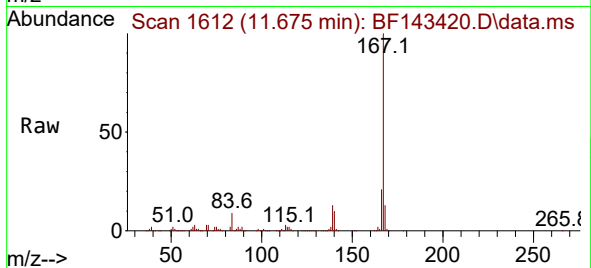
Tgt Ion:167 Resp: 748842

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.6 10.1 15.1



#74

Di-n-butylphthalate

Concen: 38.710 ng

RT: 12.004 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

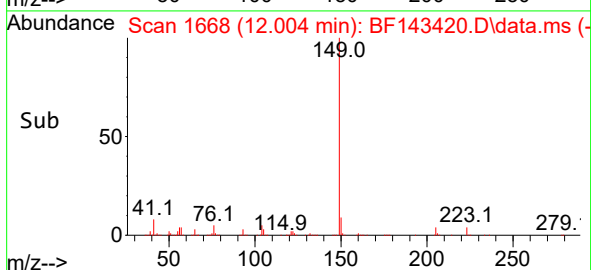
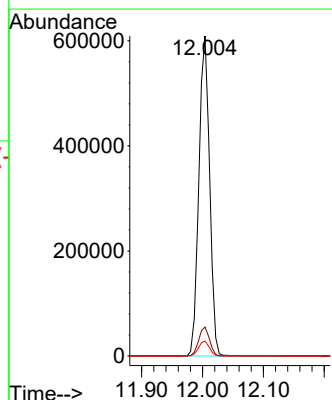
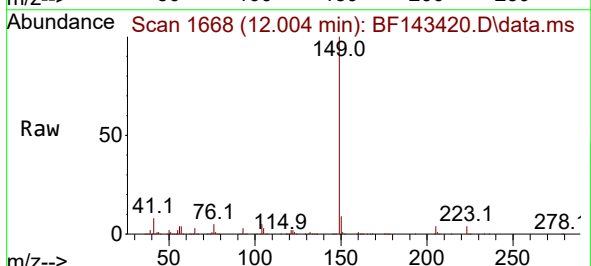
Tgt Ion:149 Resp: 746153

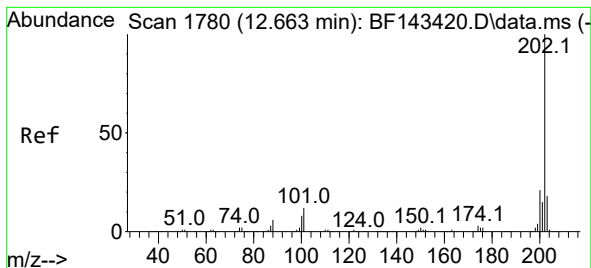
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 37.119 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

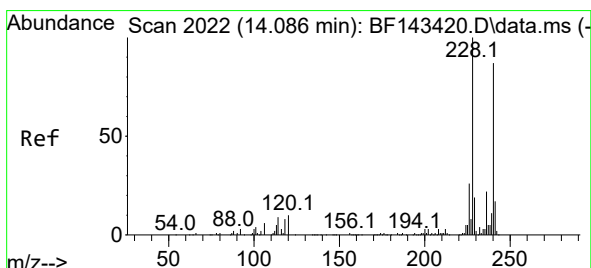
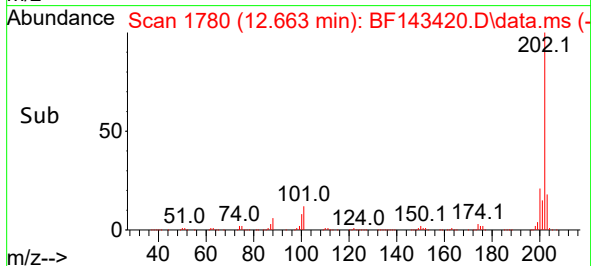
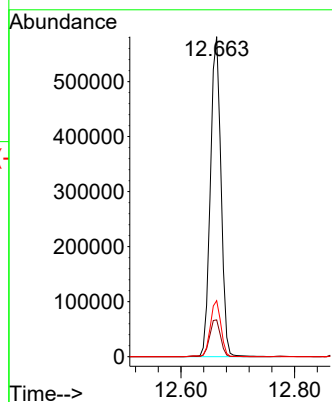
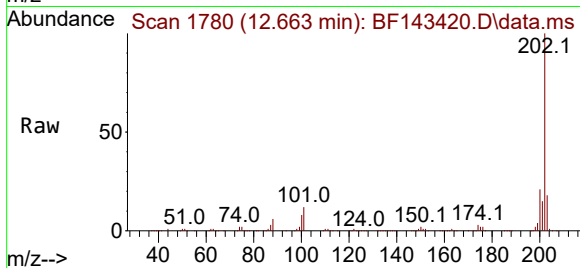
Tgt Ion:202 Resp: 747356

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.5

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

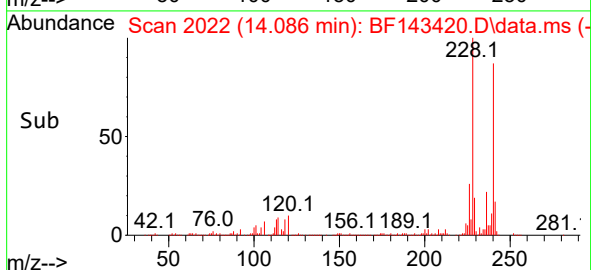
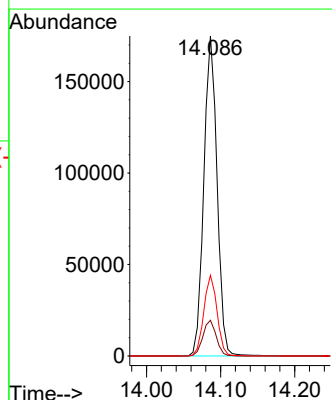
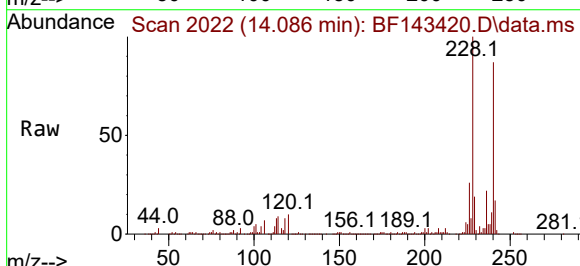
Tgt Ion:240 Resp: 217298

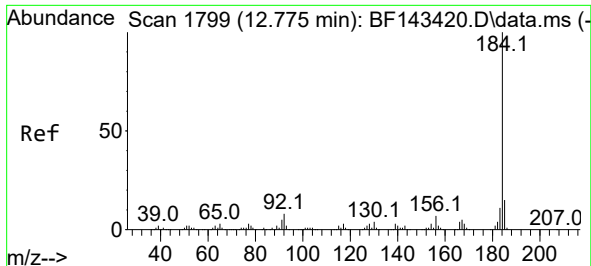
Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

236 25.2 20.2 30.2

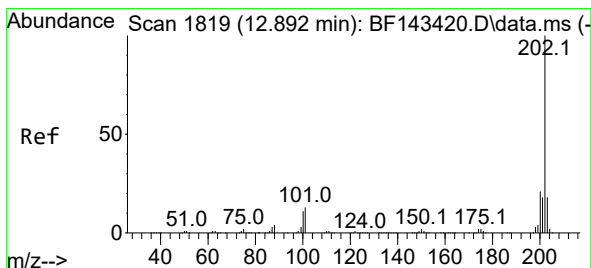
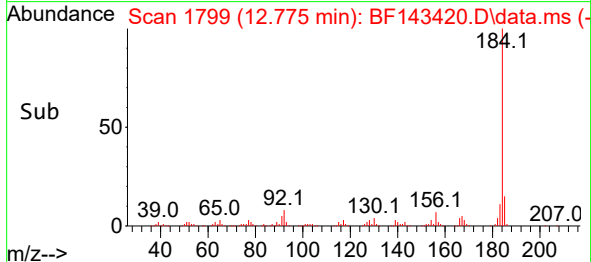
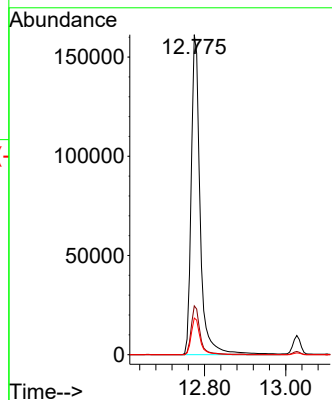
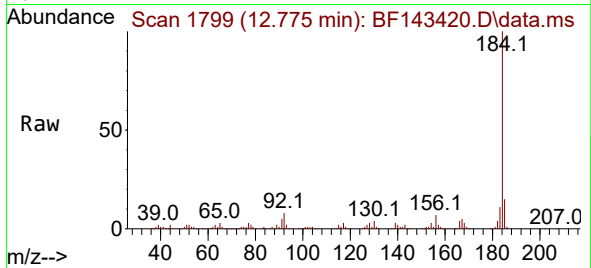




#77
Benzidine
Concen: 40.043 ng
RT: 12.775 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

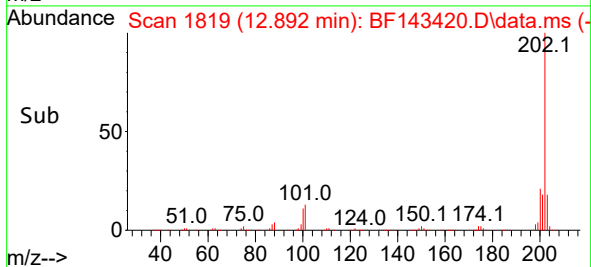
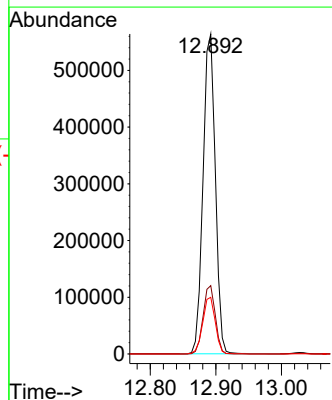
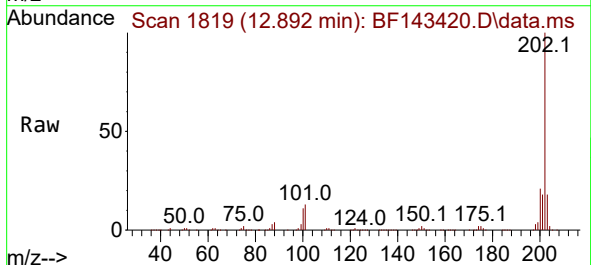
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

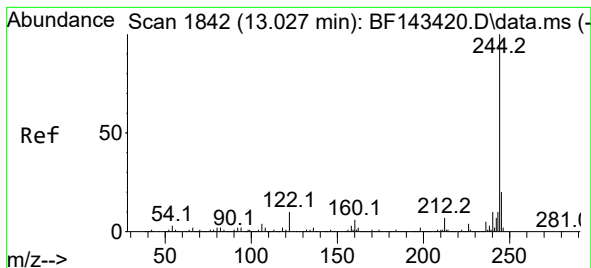
Tgt Ion:184 Resp: 246322
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 11.5 9.2 13.8



#78
Pyrene
Concen: 39.060 ng
RT: 12.892 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:202 Resp: 737731
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 77.055 ng

RT: 13.027 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

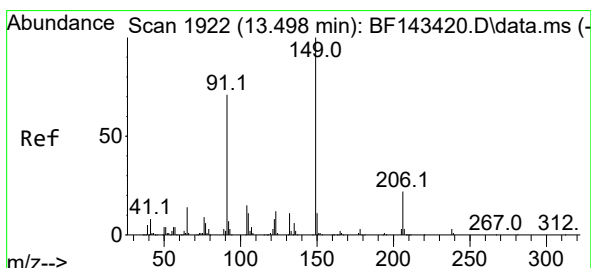
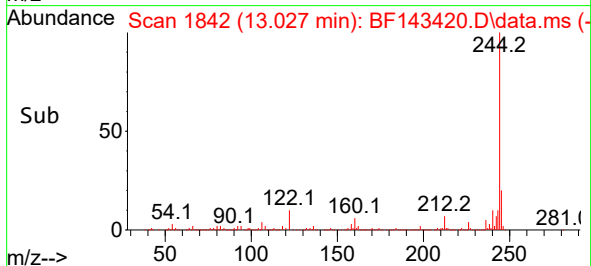
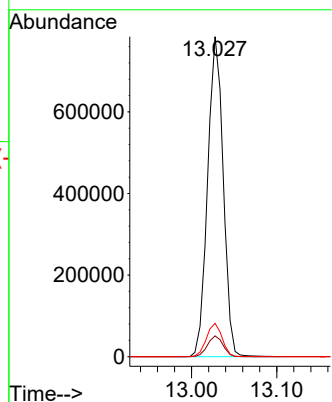
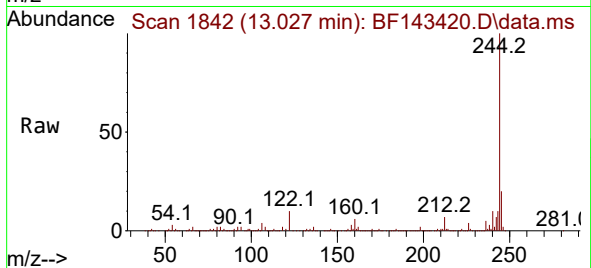
Tgt Ion:244 Resp: 996745

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 42.604 ng

RT: 13.498 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

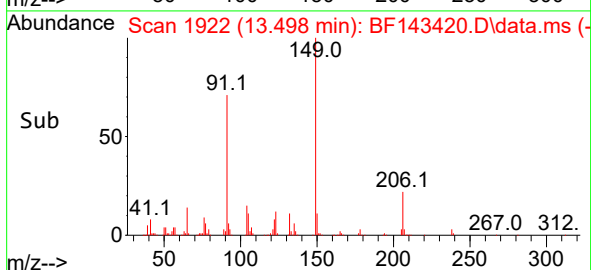
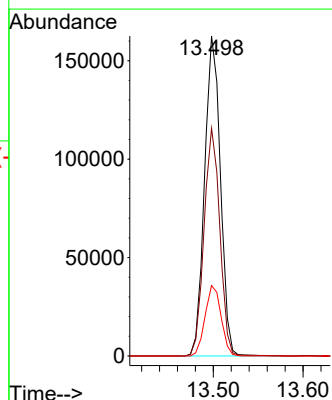
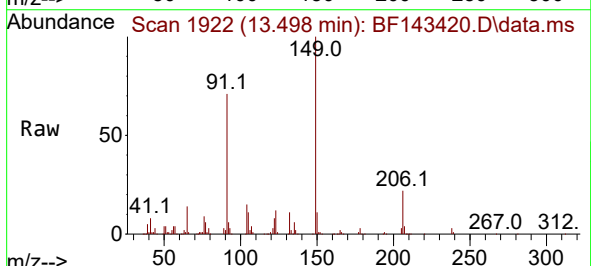
Tgt Ion:149 Resp: 199307

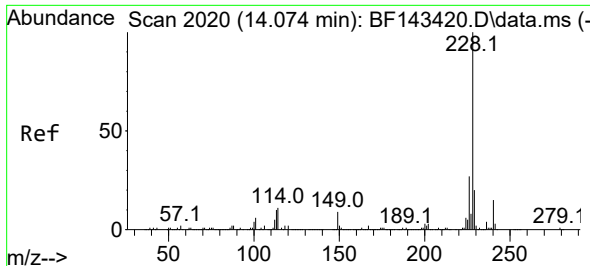
Ion Ratio Lower Upper

149 100

91 71.2 57.0 85.4

206 22.0 17.6 26.4

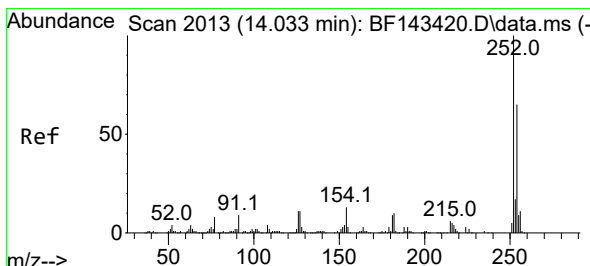
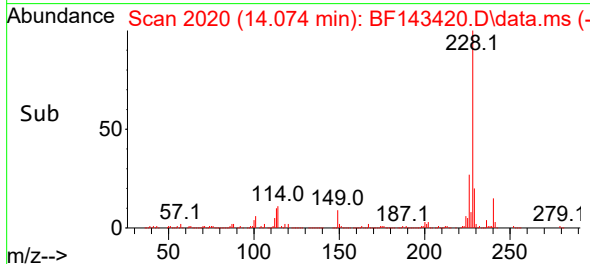
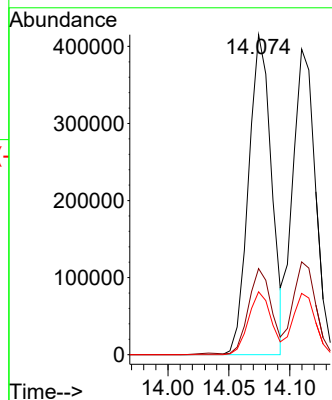
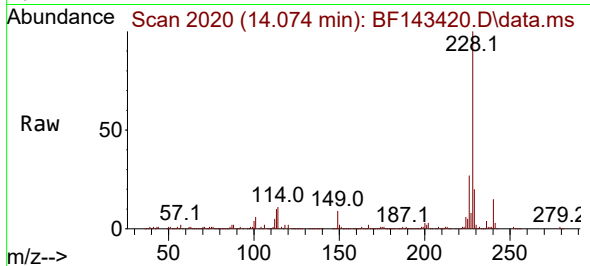




#81
Benzo(a)anthracene
Concen: 39.407 ng
RT: 14.074 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

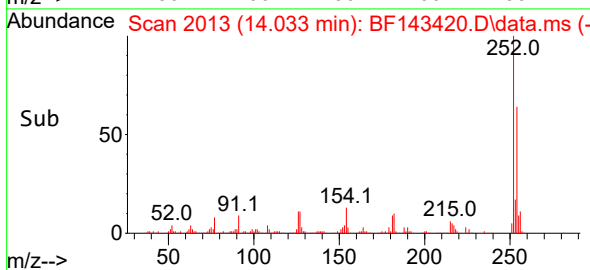
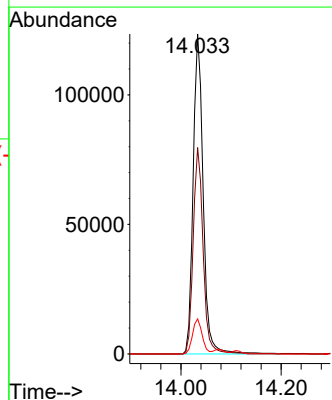
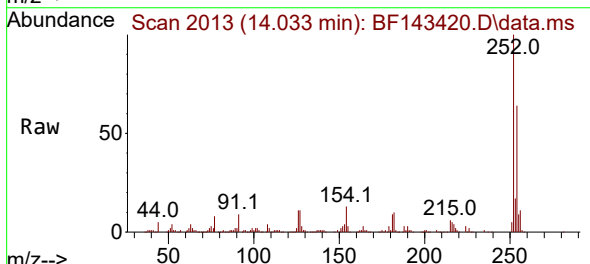
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

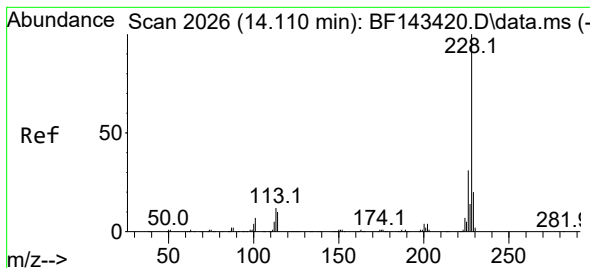
Tgt Ion:228 Resp: 545178
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 42.205 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:252 Resp: 170953
Ion Ratio Lower Upper
252 100
254 64.5 51.6 77.4
126 11.0 8.8 13.2





#83

Chrysene

Concen: 40.562 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

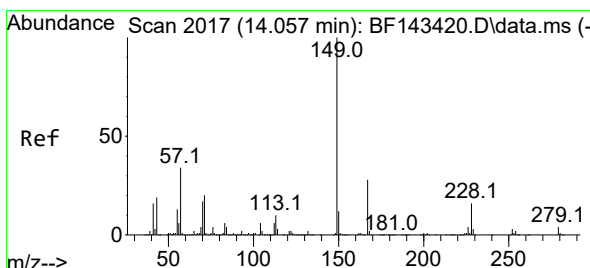
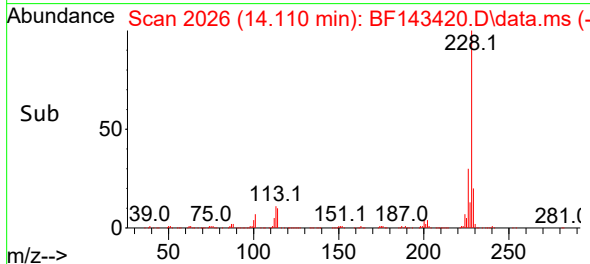
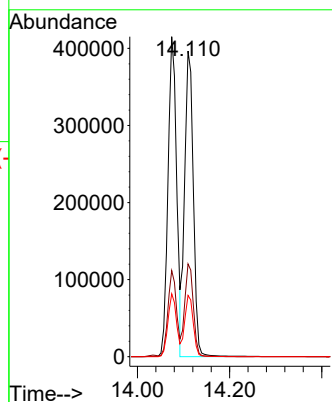
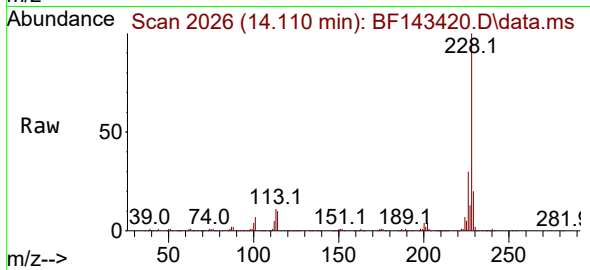
Tgt Ion:228 Resp: 518778

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.719 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

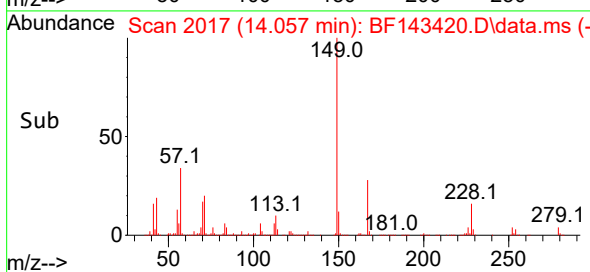
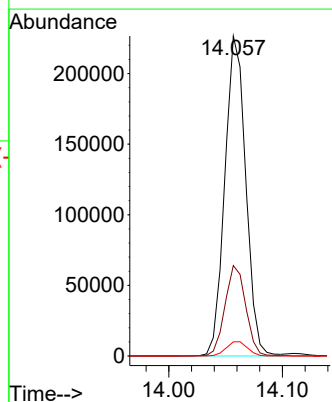
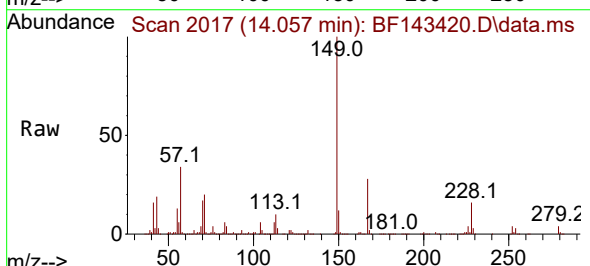
Tgt Ion:149 Resp: 290451

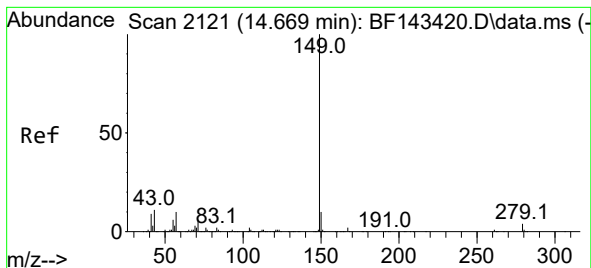
Ion Ratio Lower Upper

149 100

167 28.2 22.6 33.8

279 4.4 3.5 5.3

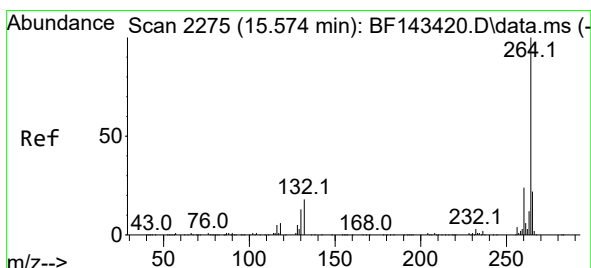
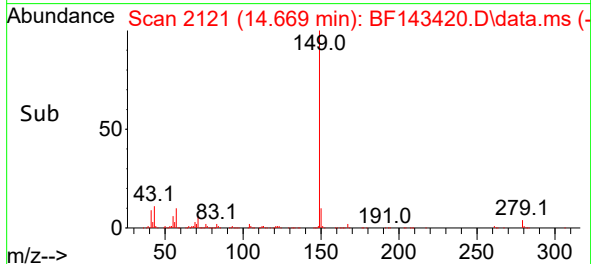
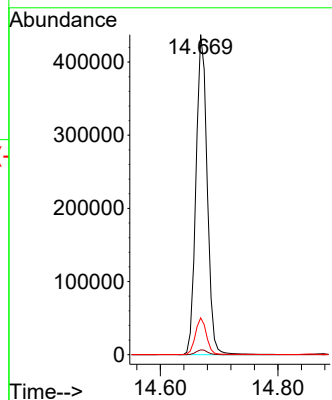
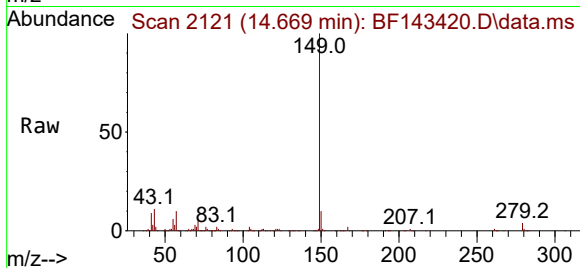




#85
Di-n-octyl phthalate
Concen: 42.897 ng
RT: 14.669 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

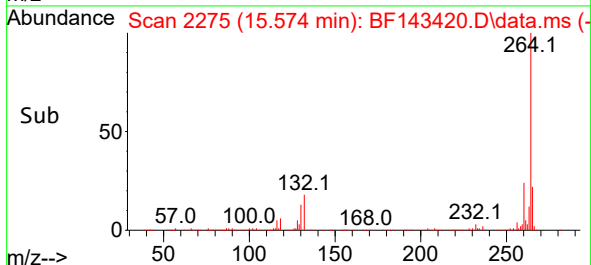
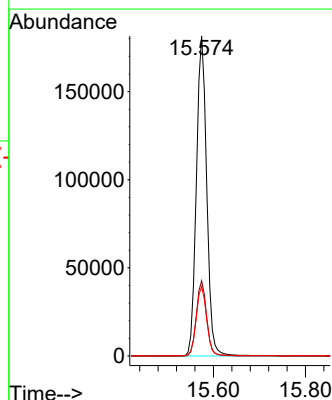
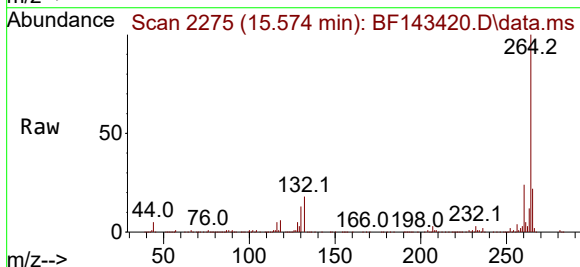
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

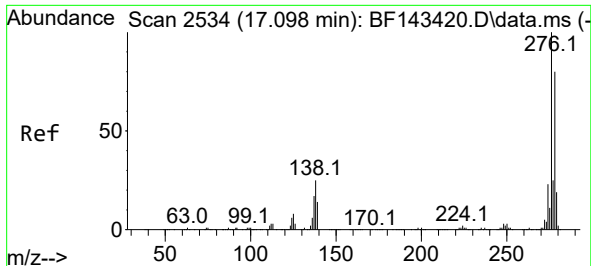
Tgt Ion:149 Resp: 578031
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.3 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:264 Resp: 282413
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.7 17.4 26.0

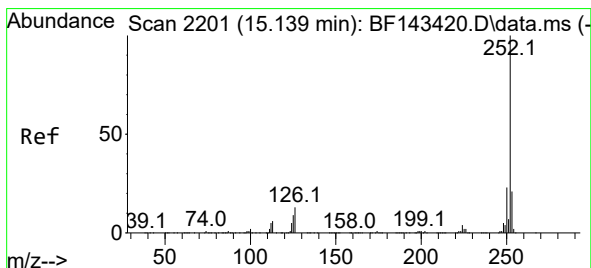
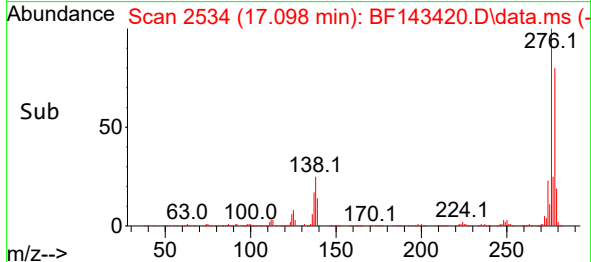
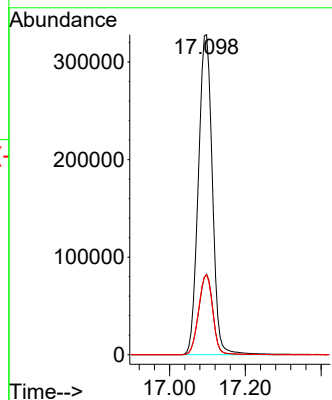
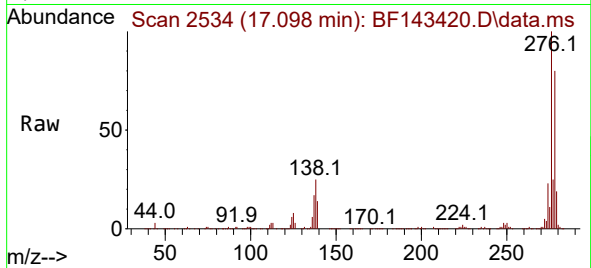




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.863 ng
 RT: 17.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF143420.D
 Acq: 15 Aug 2025 16:28

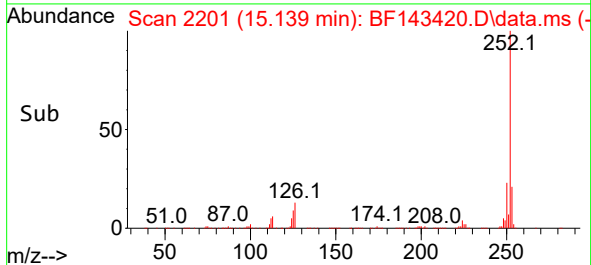
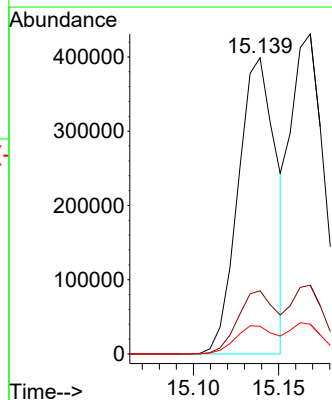
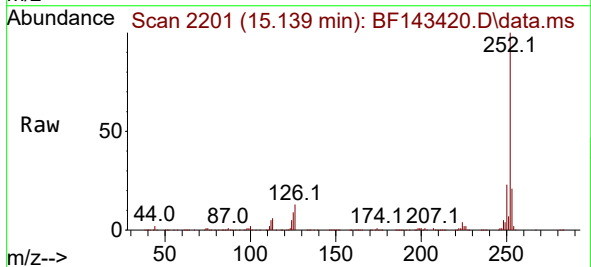
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

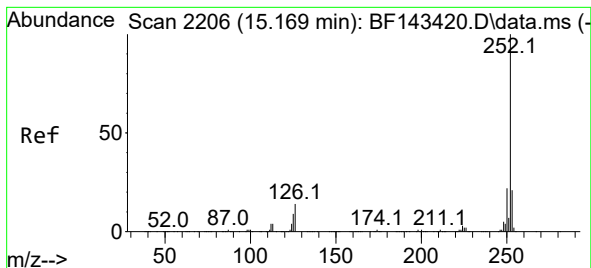
Tgt Ion:276 Resp: 844235
 Ion Ratio Lower Upper
 276 100
 138 25.3 20.2 30.4
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 40.661 ng
 RT: 15.139 min Scan# 2201
 Delta R.T. 0.000 min
 Lab File: BF143420.D
 Acq: 15 Aug 2025 16:28

Tgt Ion:252 Resp: 615448
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.1 25.7
 125 9.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 39.820 ng

RT: 15.169 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

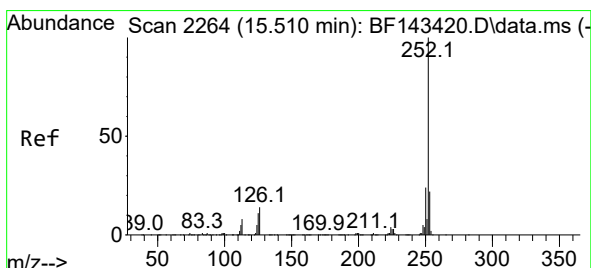
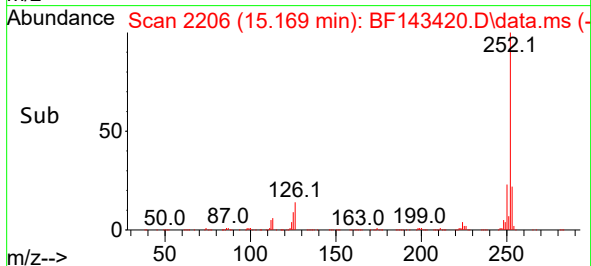
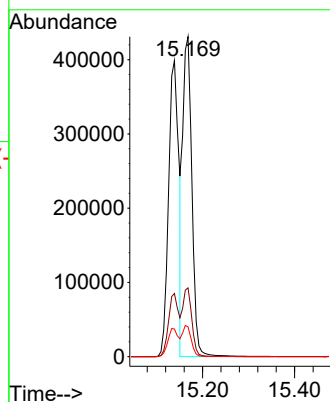
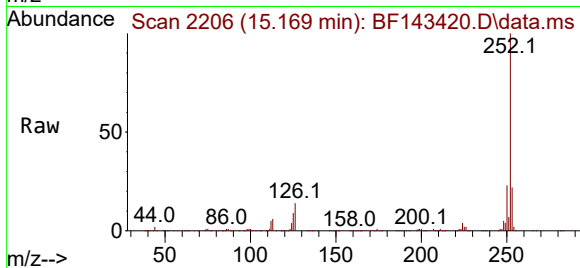
Tgt Ion:252 Resp: 594473

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.866 ng

RT: 15.510 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF143420.D

Acq: 15 Aug 2025 16:28

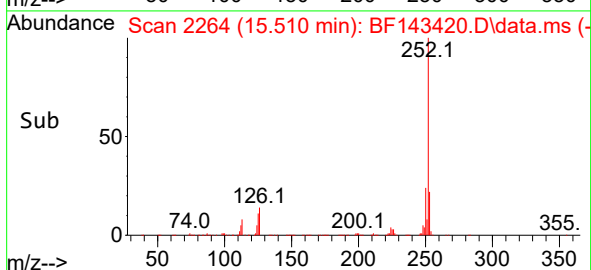
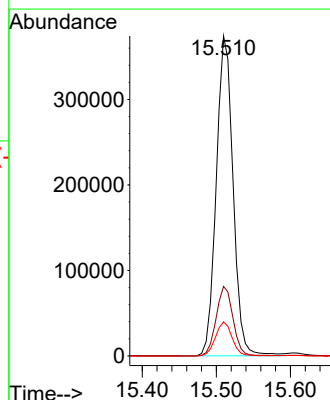
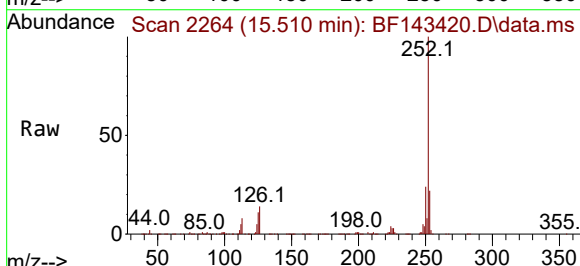
Tgt Ion:252 Resp: 589150

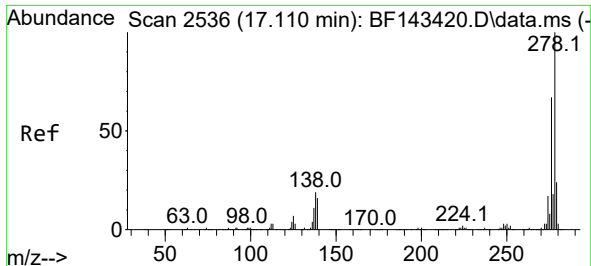
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.7 8.6 12.8

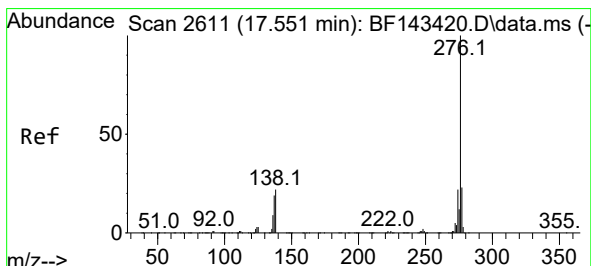
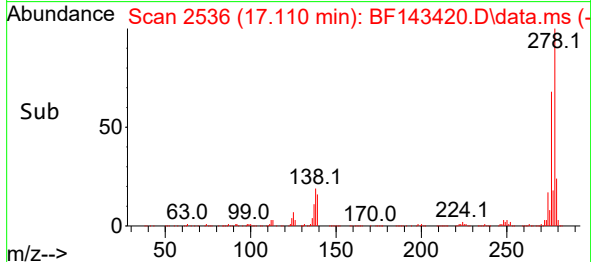
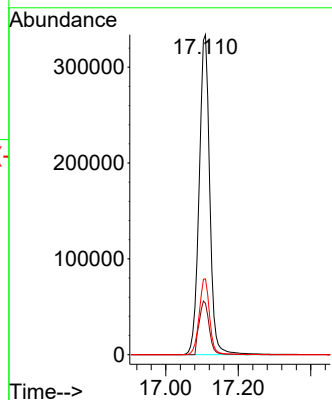
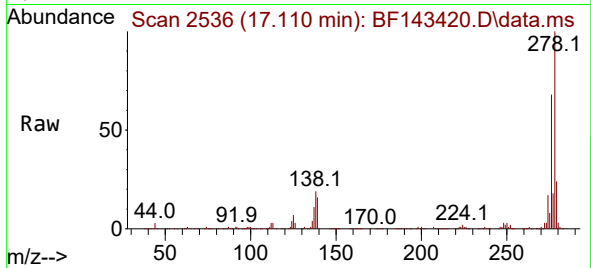




#91
Dibenzo(a,h)anthracene
Concen: 39.953 ng
RT: 17.110 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 679495
Ion Ratio Lower Upper
278 100
139 16.1 12.9 19.3
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.113 ng
RT: 17.551 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF143420.D
Acq: 15 Aug 2025 16:28

Tgt Ion:276 Resp: 681509
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 21.9 17.5 26.3

