

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143221.D
 Acq On : 23 Jul 2025 19:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 24 01:20:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	121585	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	458358	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	235193	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	388311	20.000	ng	0.00
76) Chrysene-d12	14.121	240	239918	20.000	ng	0.00
86) Perylene-d12	15.621	264	260552	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	575731	74.933	ng	0.00
7) Phenol-d6	6.587	99	721856	74.643	ng	0.00
23) Nitrobenzene-d5	7.522	82	746822	81.218	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	192118	79.071	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1352359	78.638	ng	0.00
79) Terphenyl-d14	13.069	244	1209203	75.002	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.799	88	134316	36.945	ng	99
3) Pyridine	3.575	79	348536	36.936	ng	99
4) n-Nitrosodimethylamine	3.516	42	184177	37.804	ng	99
6) Aniline	6.622	93	492671	36.553	ng	98
8) 2-Chlorophenol	6.751	128	308145	38.262	ng	98
9) Benzaldehyde	6.510	77	253502	34.958	ng	98
10) Phenol	6.604	94	409863	38.903	ng	96
11) bis(2-Chloroethyl)ether	6.692	93	302736	37.530	ng	99
12) 1,3-Dichlorobenzene	6.904	146	334843	38.273	ng	100
13) 1,4-Dichlorobenzene	6.981	146	342417	38.864	ng	100
14) 1,2-Dichlorobenzene	7.134	146	322055	38.432	ng	100
15) Benzyl Alcohol	7.098	79	285034	38.601	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	565509	37.792	ng	100
17) 2-Methylphenol	7.210	107	260645	38.491	ng	99
18) Hexachloroethane	7.481	117	122749	40.244	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	229690	37.020	ng	99
20) 3+4-Methylphenols	7.363	107	314738	38.309	ng	# 77
22) Acetophenone	7.369	105	414569	38.203	ng	# 99
24) Nitrobenzene	7.539	77	341419	39.826	ng	99
25) Isophorone	7.781	82	625867	38.556	ng	98
26) 2-Nitrophenol	7.857	139	168496	45.287	ng	99
27) 2,4-Dimethylphenol	7.892	122	294696	38.857	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	375135	38.544	ng	99
29) 2,4-Dichlorophenol	8.098	162	254354	39.769	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	272980	39.506	ng	100
31) Naphthalene	8.269	128	888648	39.367	ng	99
32) Benzoic acid	7.992	122	179361	42.633	ng	99
33) 4-Chloroaniline	8.310	127	347284	37.678	ng	99
34) Hexachlorobutadiene	8.386	225	169752	40.216	ng	99
35) Caprolactam	8.669	113	79704	41.239	ng	99
36) 4-Chloro-3-methylphenol	8.786	107	273054	39.279	ng	98
37) 2-Methylnaphthalene	8.957	142	535718	39.000	ng	100
38) 1-Methylnaphthalene	9.057	142	558905	39.512	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	271052	39.918	ng	100
41) Hexachlorocyclopentadiene	9.116	237	186455	42.201	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	185114	39.390	ng	99

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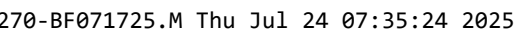
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	192146	40.875	ng	98
46) 1,1'-Biphenyl	9.422	154	732610	39.925	ng	100
47) 2-Chloronaphthalene	9.445	162	537315	39.574	ng	100
48) 2-Nitroaniline	9.533	65	181690	42.672	ng	99
49) Acenaphthylene	9.863	152	890386	39.131	ng	100
50) Dimethylphthalate	9.716	163	617764	40.296	ng	99
51) 2,6-Dinitrotoluene	9.775	165	135289	43.380	ng	97
52) Acenaphthene	10.033	154	539986	40.152	ng	99
53) 3-Nitroaniline	9.945	138	147684	40.486	ng	96
54) 2,4-Dinitrophenol	10.045	184	63769	48.021	ng #	52
55) Dibenzofuran	10.204	168	781320	39.131	ng	99
56) 4-Nitrophenol	10.092	139	111895	41.078	ng	98
57) 2,4-Dinitrotoluene	10.175	165	177032	45.245	ng	95
58) Fluorene	10.545	166	590047	39.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	145668	37.408	ng	99
60) Diethylphthalate	10.416	149	611236	40.338	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	296476	39.732	ng	99
62) 4-Nitroaniline	10.551	138	130501	41.742	ng	99
63) Azobenzene	10.698	77	623709	39.494	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	91197	45.161	ng	97
66) n-Nitrosodiphenylamine	10.651	169	521954	38.172	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	179887	38.872	ng	99
68) Hexachlorobenzene	11.098	284	188132	38.896	ng	99
69) Atrazine	11.175	200	160879	42.677	ng	99
70) Pentachlorophenol	11.286	266	115781	40.704	ng	98
71) Phenanthrene	11.510	178	805603	39.073	ng	100
72) Anthracene	11.563	178	810907	38.563	ng	99
73) Carbazole	11.710	167	721548	39.296	ng	100
74) Di-n-butylphthalate	12.039	149	896871	43.168	ng	100
75) Fluoranthene	12.698	202	766728	40.515	ng	99
77) Benzidine	12.810	184	375180	40.589	ng	99
78) Pyrene	12.927	202	770682	37.639	ng	99
80) Butylbenzylphthalate	13.539	149	310396	49.505	ng	97
81) Benzo(a)anthracene	14.110	228	639877	39.837	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	212028	39.606	ng	99
83) Chrysene	14.151	228	543320	37.622	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	424006	44.678	ng	99
85) Di-n-octyl phthalate	14.710	149	701660	40.789	ng	98
87) Indeno(1,2,3-cd)pyrene	17.168	276	728424	39.648	ng	98
88) Benzo(b)fluoranthene	15.180	252	664764	41.763	ng	100
89) Benzo(k)fluoranthene	15.210	252	520903	36.673	ng	100
90) Benzo(a)pyrene	15.562	252	579199	39.494	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	596645	39.899	ng	98
92) Benzo(g,h,i)perylene	17.633	276	585525	40.478	ng	98

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

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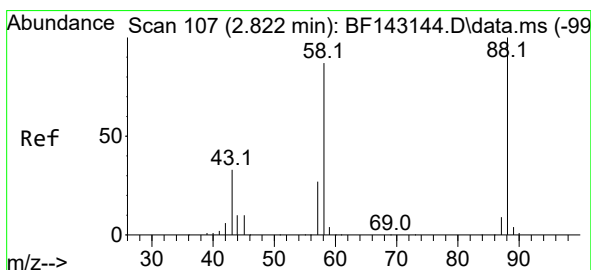
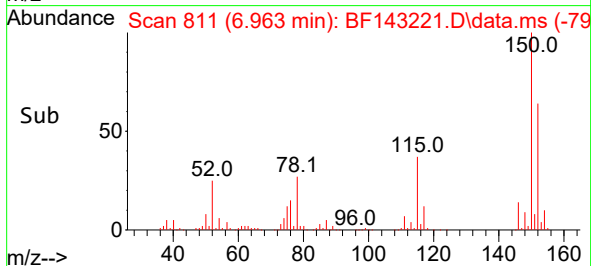
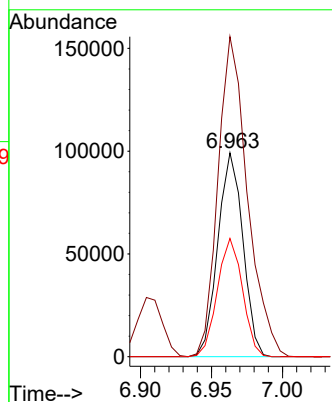
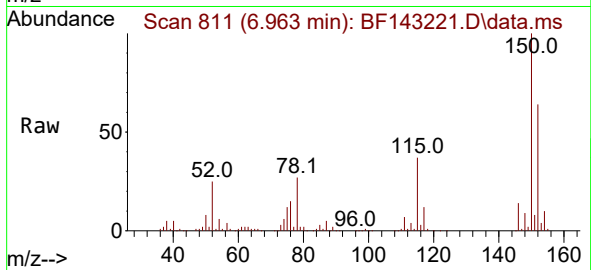




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143221.D
 Acq: 23 Jul 2025 19:54

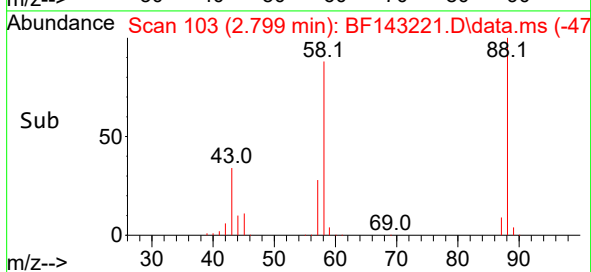
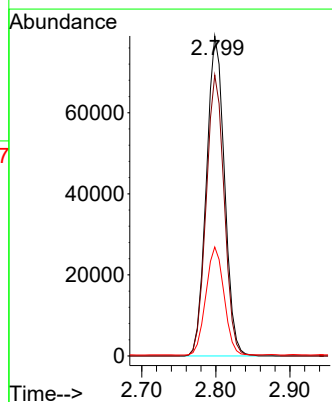
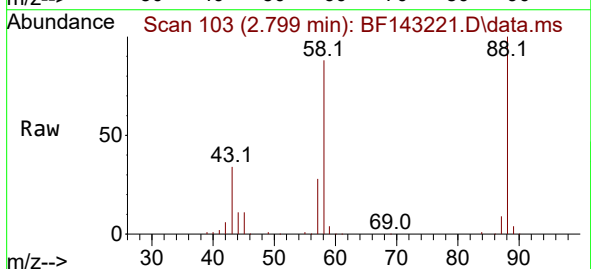
Instrument :
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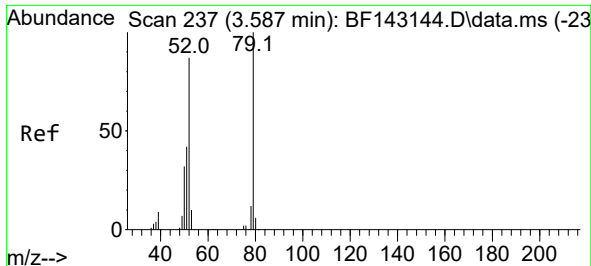
Tgt Ion:152 Resp: 121585
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.2 192.4
 115 58.0 47.9 71.9



#2
 1,4-Dioxane
 Concen: 36.945 ng
 RT: 2.799 min Scan# 103
 Delta R.T. -0.024 min
 Lab File: BF143221.D
 Acq: 23 Jul 2025 19:54

Tgt Ion: 88 Resp: 134316
 Ion Ratio Lower Upper
 88 100
 58 87.1 70.2 105.2
 43 33.7 27.1 40.7

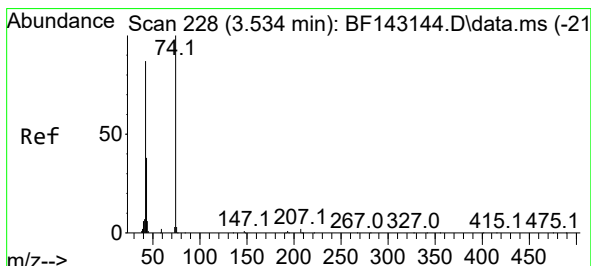
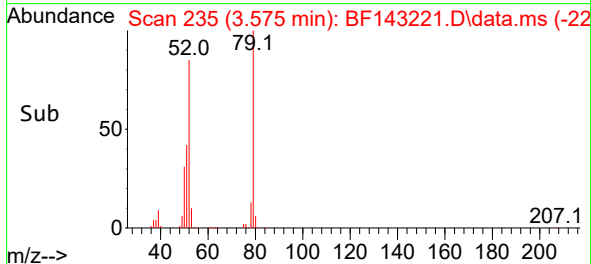
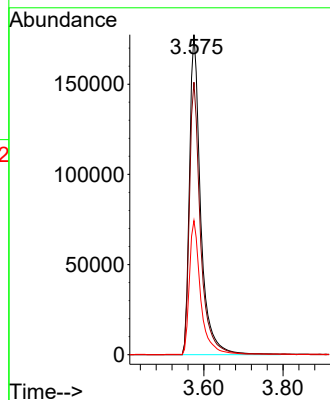
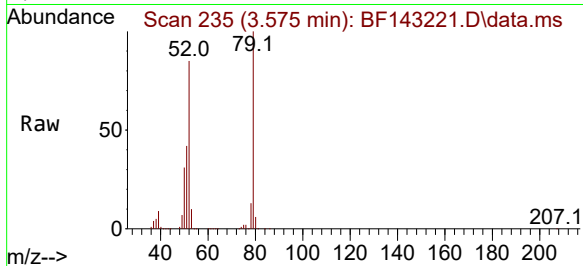




#3
 Pyridine
 Concen: 36.936 ng
 RT: 3.575 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF143221.D
 Acq: 23 Jul 2025 19:54

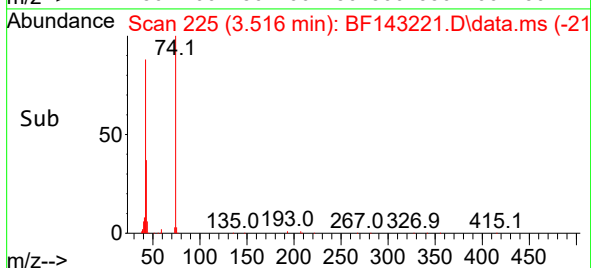
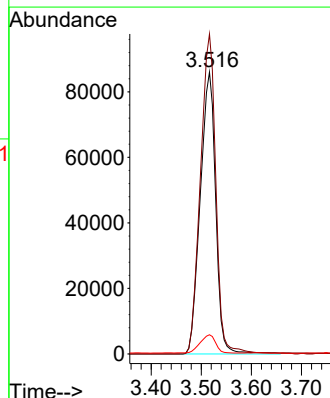
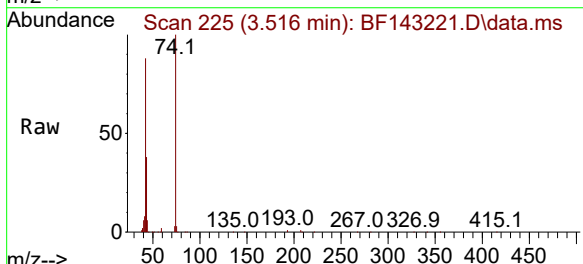
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 ClientSampleId :
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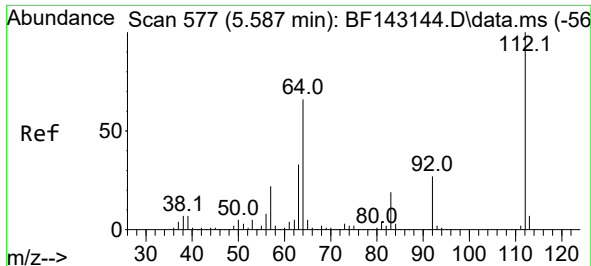
Tgt Ion: 79 Resp: 348536
 Ion Ratio Lower Upper
 79 100
 52 85.1 69.4 104.2
 51 41.9 33.5 50.3



#4
 n-Nitrosodimethylamine
 Concen: 37.804 ng
 RT: 3.516 min Scan# 225
 Delta R.T. -0.018 min
 Lab File: BF143221.D
 Acq: 23 Jul 2025 19:54

Tgt Ion: 42 Resp: 184177
 Ion Ratio Lower Upper
 42 100
 74 113.5 91.7 137.5
 44 6.8 5.6 8.4

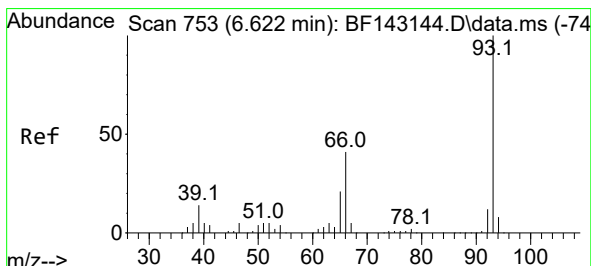
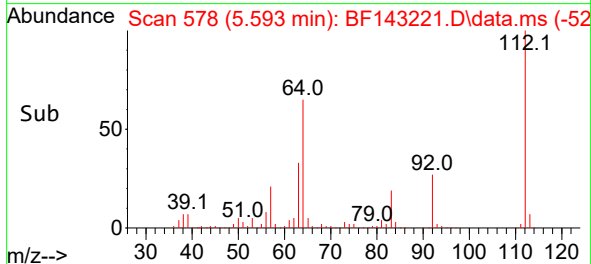
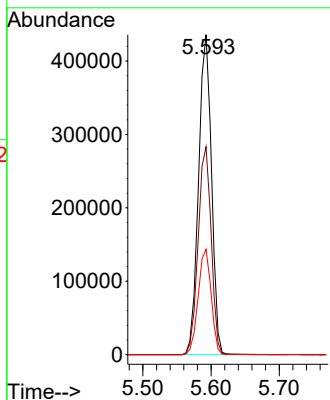
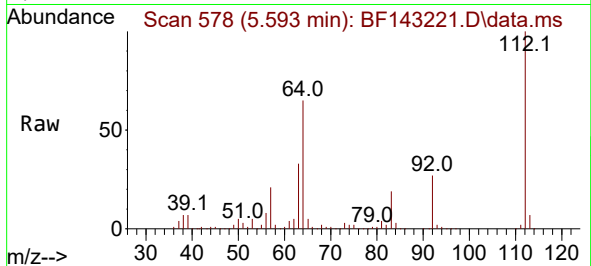




#5
2-Fluorophenol
Concen: 74.933 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

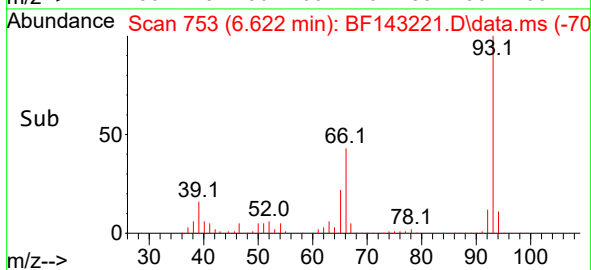
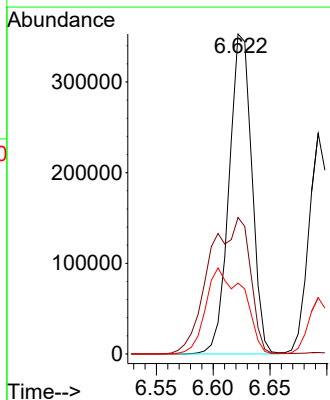
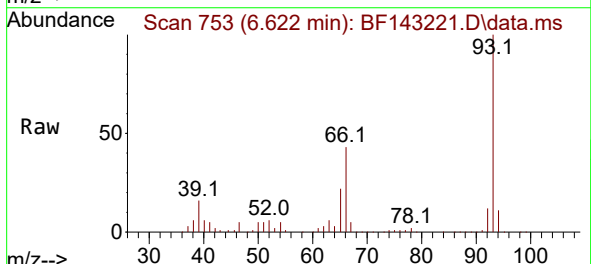
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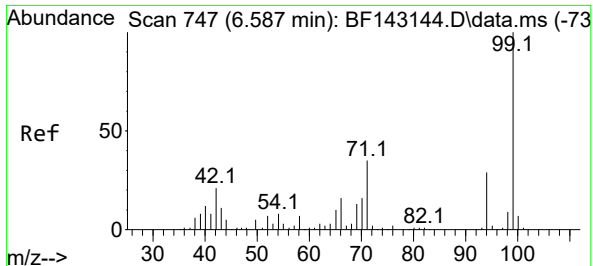
Tgt Ion:112 Resp: 575731
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 32.9 26.6 40.0



#6
Aniline
Concen: 36.553 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 93 Resp: 492671
Ion Ratio Lower Upper
93 100
66 42.6 33.2 49.8
65 22.1 16.9 25.3

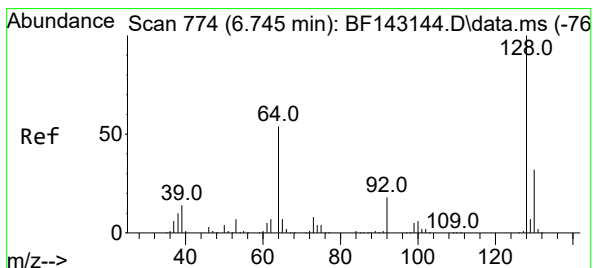
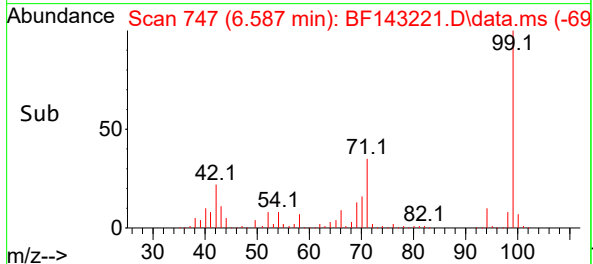
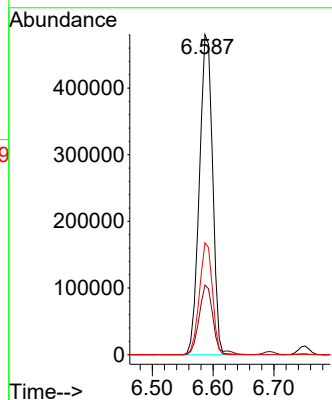
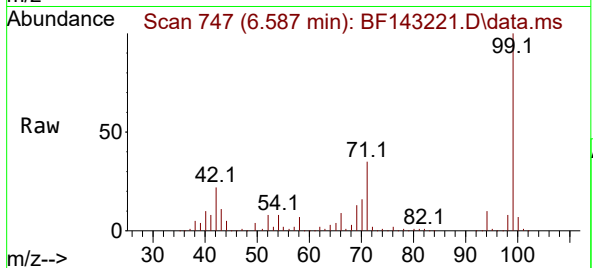




#7
Phenol-d6
Concen: 74.643 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

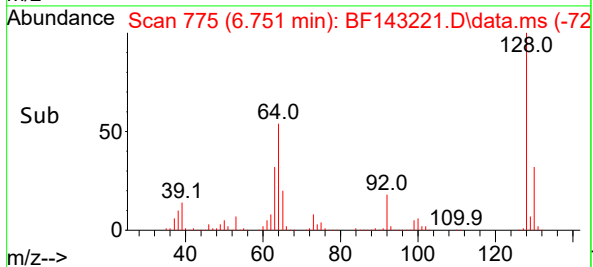
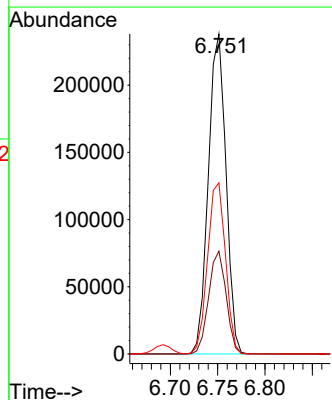
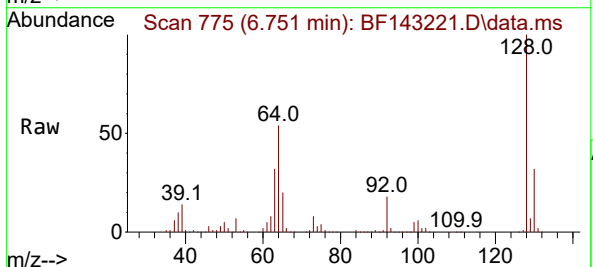
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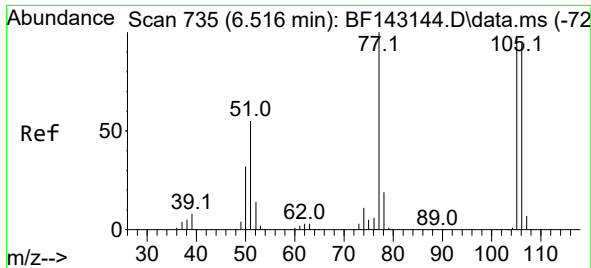
Tgt Ion: 99 Resp: 721856
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 34.9 27.7 41.5



#8
2-Chlorophenol
Concen: 38.262 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 128 Resp: 308145
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 53.5 35.9 75.9

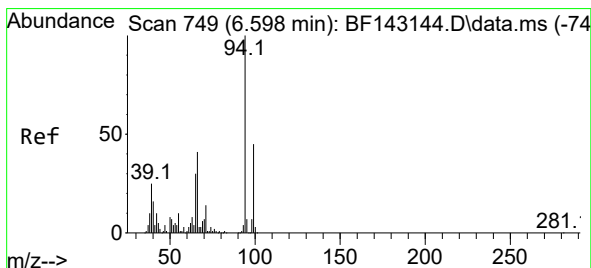
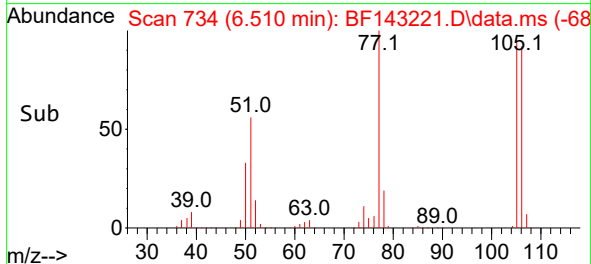
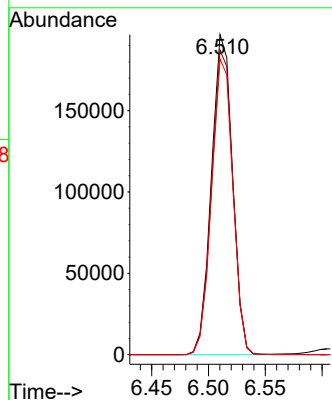
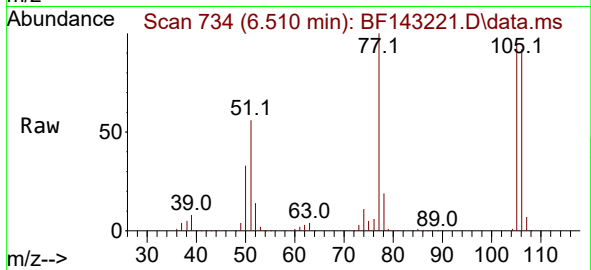




#9
Benzaldehyde
Concen: 34.958 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

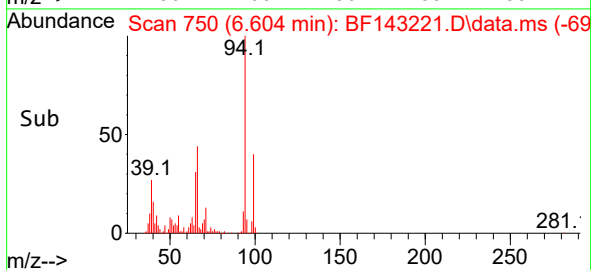
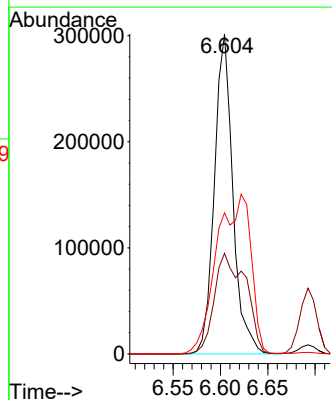
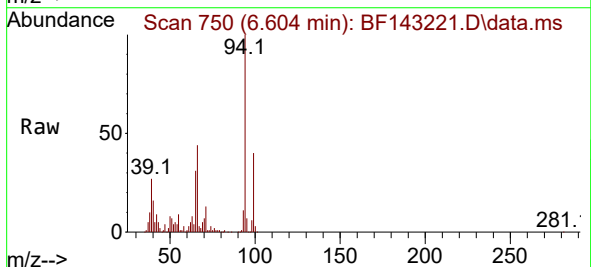
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BNA_F
ClientSampleId :
SSTDCCC040EC

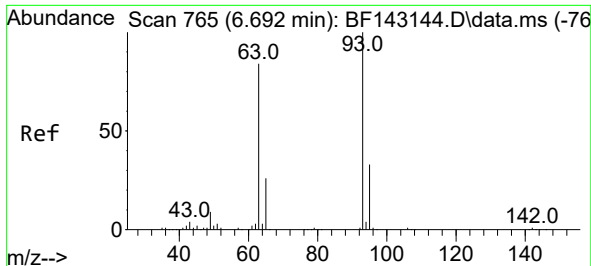
Tgt Ion: 77 Resp: 253502
Ion Ratio Lower Upper
77 100
105 95.2 76.8 116.8
106 92.4 74.4 114.4



#10
Phenol
Concen: 38.903 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 94 Resp: 409863
Ion Ratio Lower Upper
94 100
65 31.5 10.0 50.0
66 44.1 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 37.530 ng

RT: 6.692 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

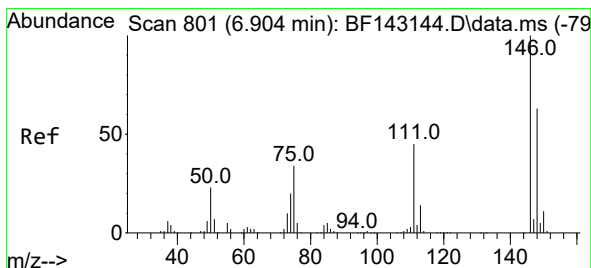
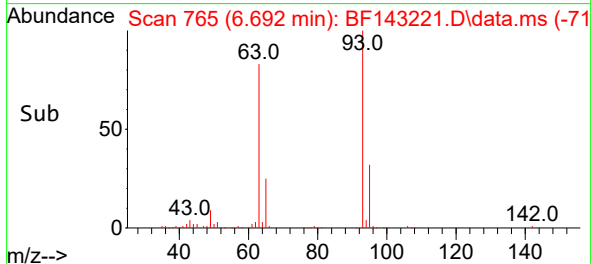
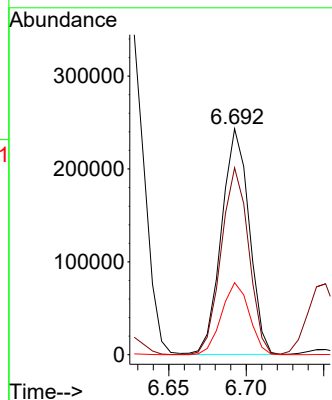
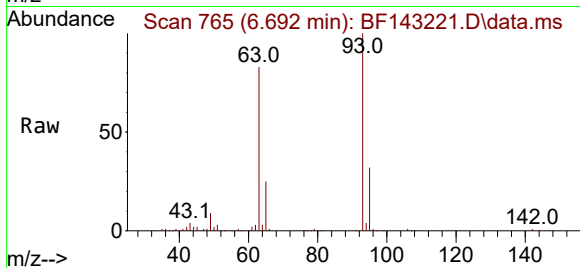
Tgt Ion: 93 Resp: 302736

Ion Ratio Lower Upper

93 100

63 82.7 63.4 103.4

95 31.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 38.273 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

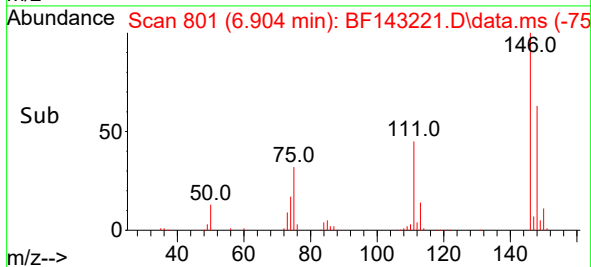
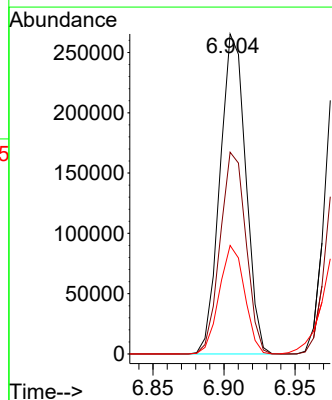
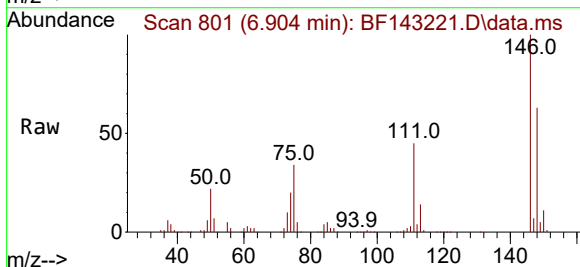
Tgt Ion:146 Resp: 334843

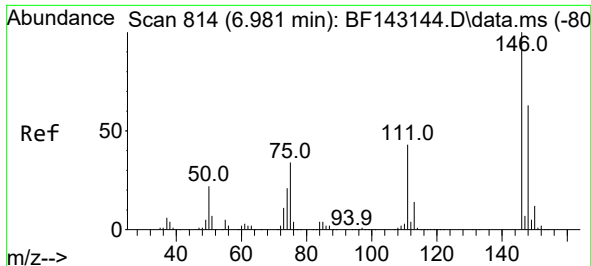
Ion Ratio Lower Upper

146 100

148 63.0 50.6 76.0

75 33.9 27.4 41.2

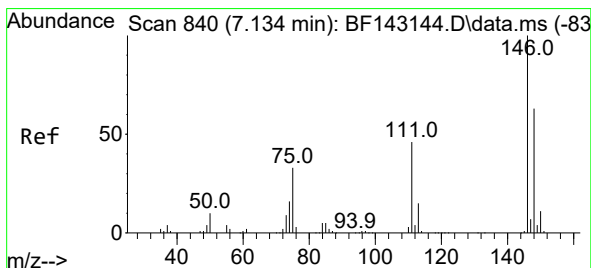
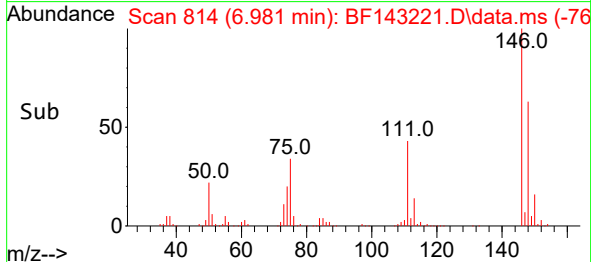
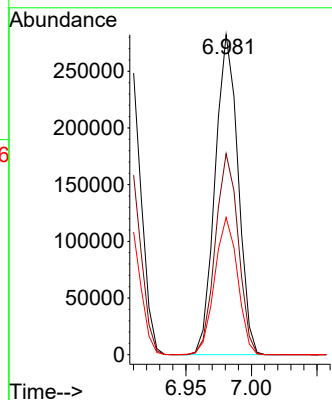
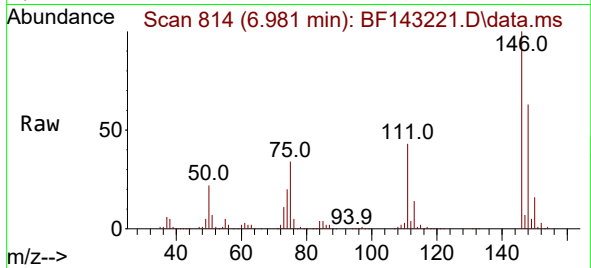




#13
1,4-Dichlorobenzene
Concen: 38.864 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

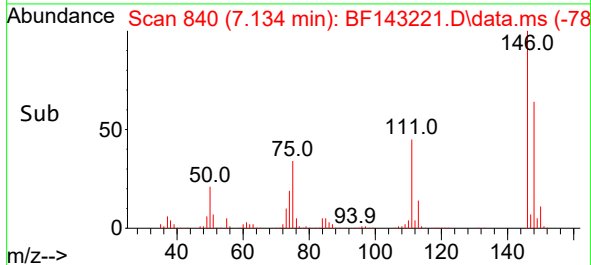
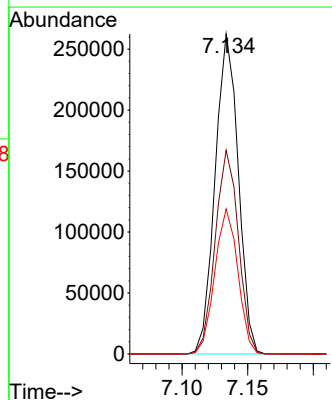
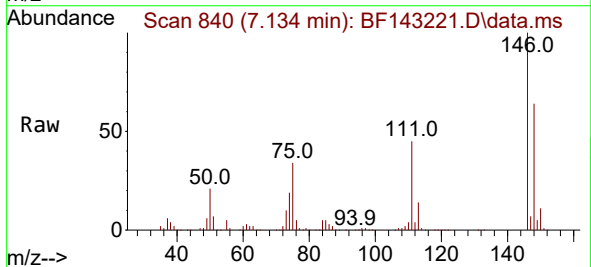
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

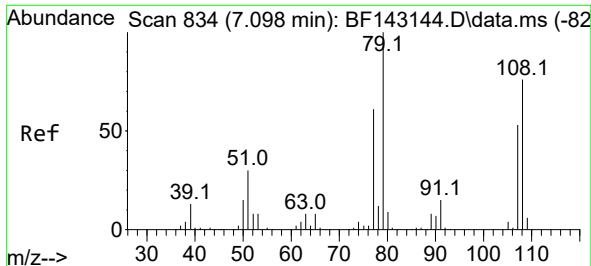
Tgt Ion:146 Resp: 342417
Ion Ratio Lower Upper
146 100
148 62.8 50.3 75.5
111 42.9 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 38.432 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:146 Resp: 322055
Ion Ratio Lower Upper
146 100
148 63.6 50.7 76.1
111 45.3 36.6 54.8



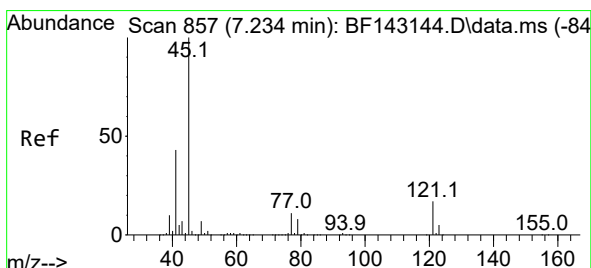
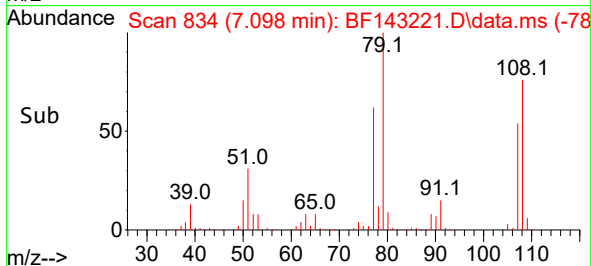
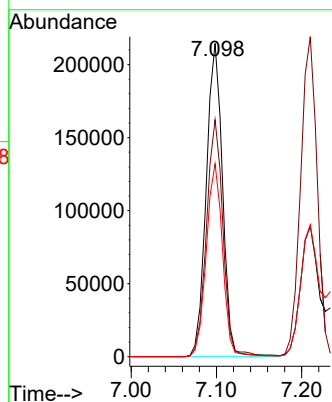
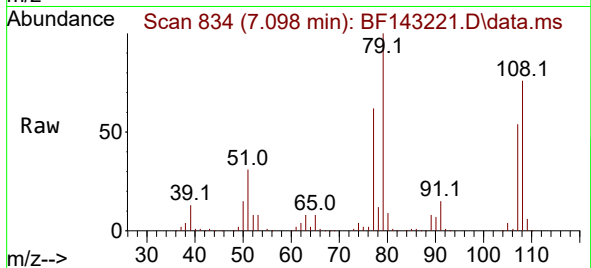


#15
Benzyl Alcohol
Concen: 38.601 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 285034

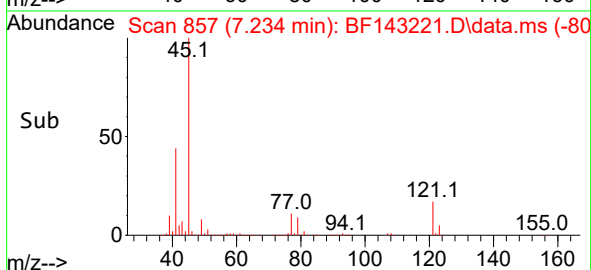
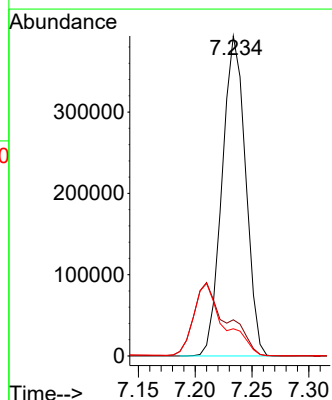
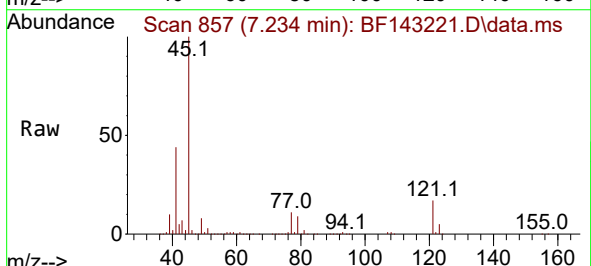
Ion	Ratio	Lower	Upper
79	100		
108	75.6	61.1	91.7
77	61.6	48.9	73.3

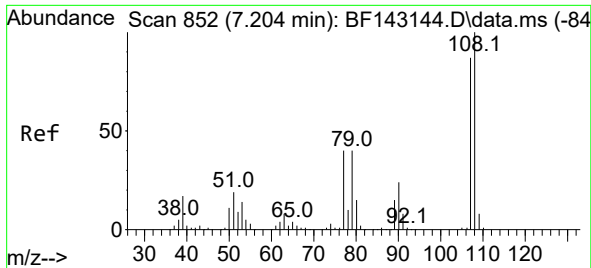


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.792 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 45 Resp: 565509

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	31.2
79	8.5	0.0	28.5

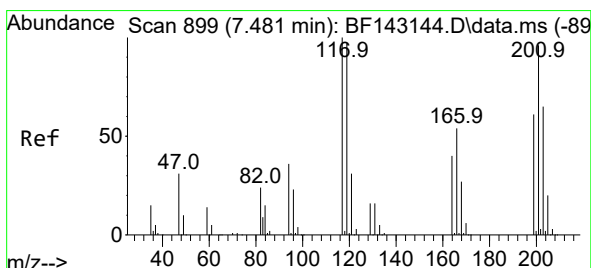
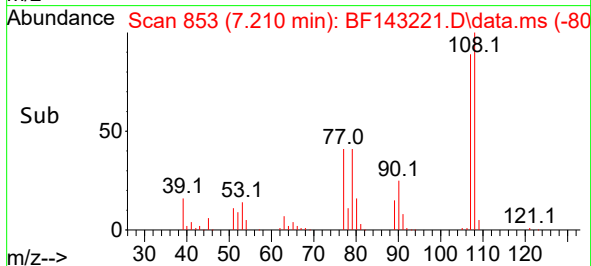
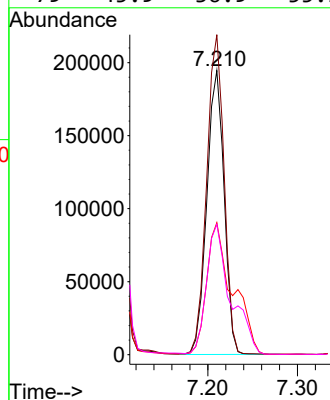
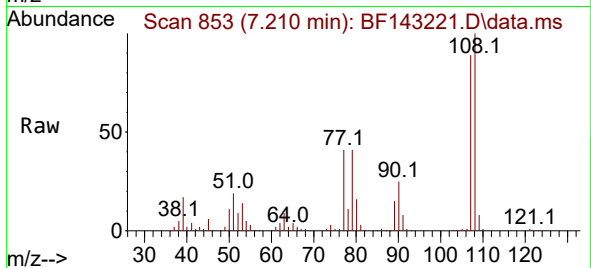




#17
2-Methylphenol
Concen: 38.491 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

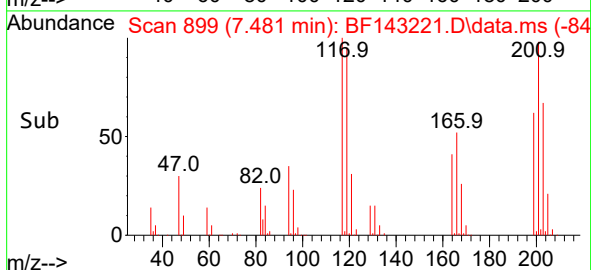
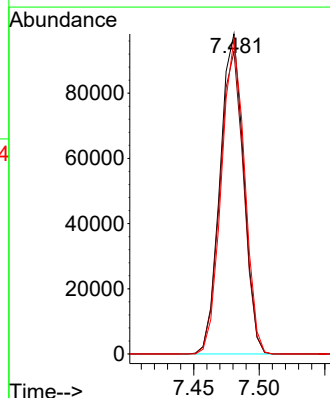
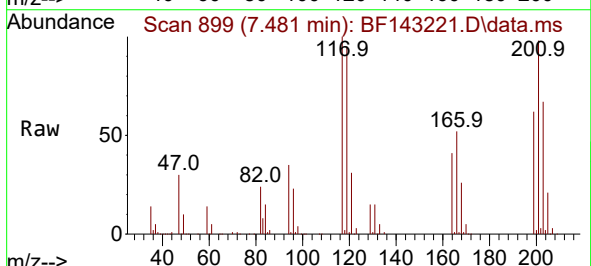
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

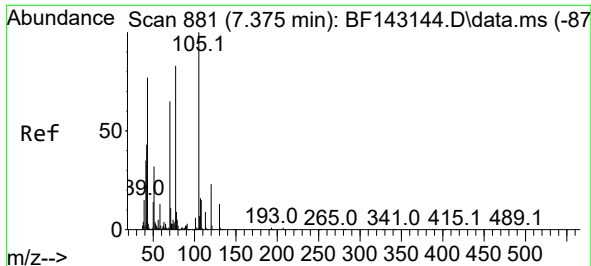
Tgt Ion:	107	Resp:	260645
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.8	137.6
77	46.5	37.0	55.6
79	45.9	36.9	55.3



#18
Hexachloroethane
Concen: 40.244 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:	117	Resp:	122749
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.8	116.8
201	98.3	77.0	115.4

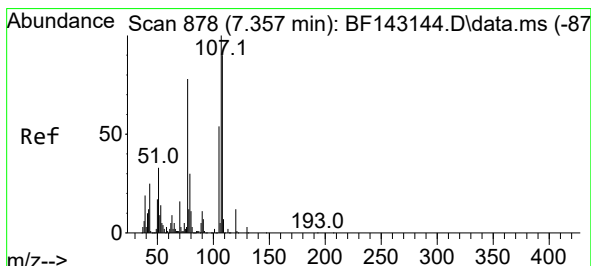
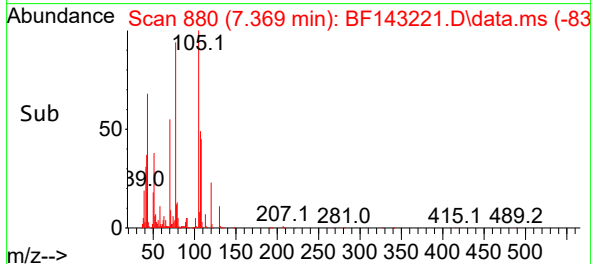
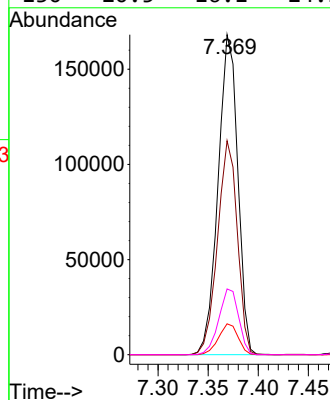
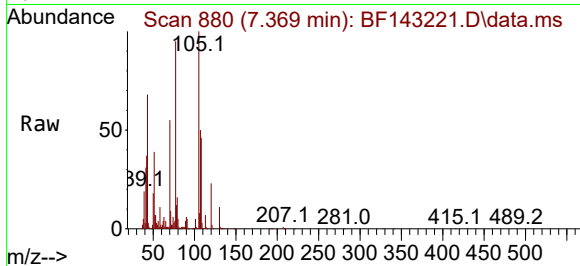




#19
n-Nitroso-di-n-propylamine
Concen: 37.020 ng
RT: 7.369 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

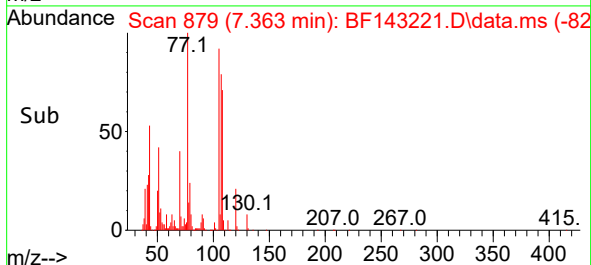
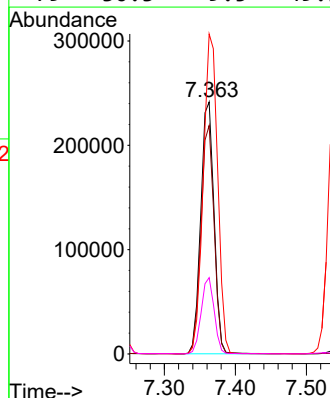
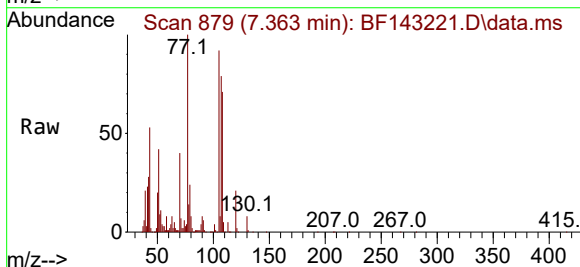
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

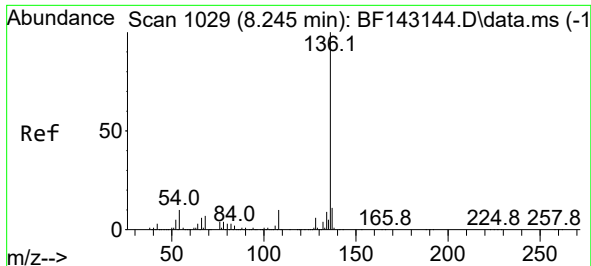
Tgt Ion: 70 Resp: 229690
Ion Ratio Lower Upper
70 100
42 66.8 52.5 78.7
101 9.6 7.6 11.4
130 20.5 16.1 24.1



#20
3+4-Methylphenols
Concen: 38.309 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:107 Resp: 314738
Ion Ratio Lower Upper
107 100
108 90.7 70.0 110.0
77 127.0 57.8 97.8#
79 30.3 9.5 49.5

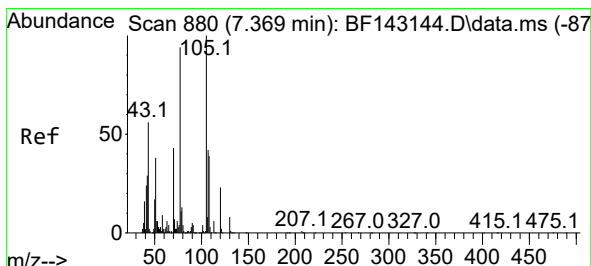
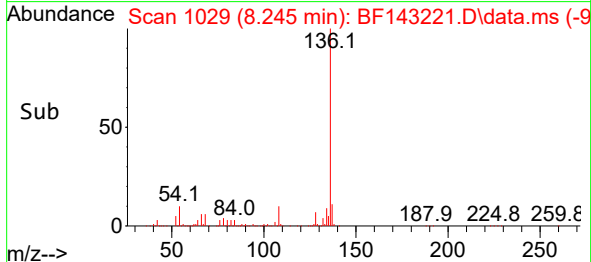
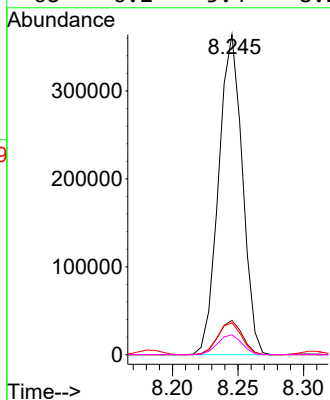
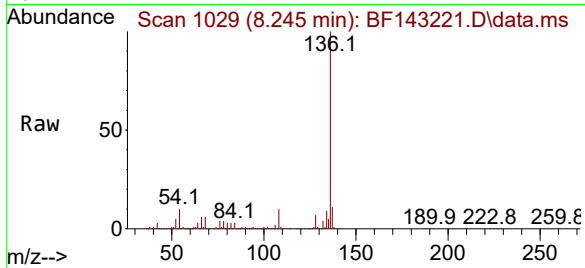




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

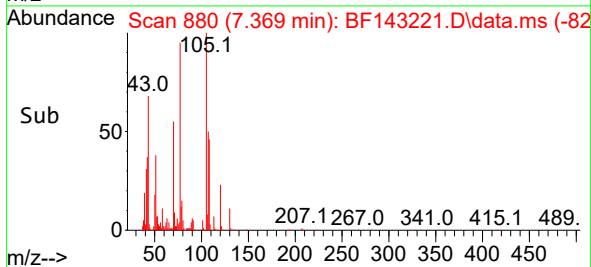
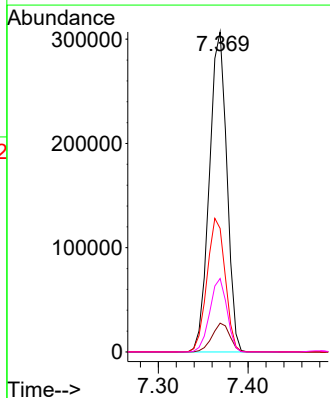
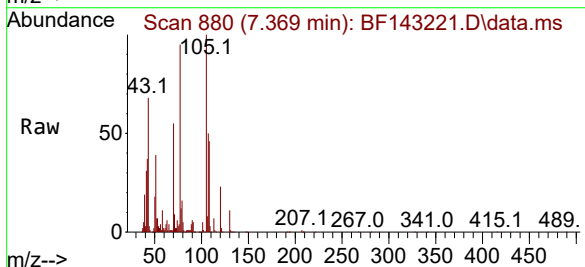
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

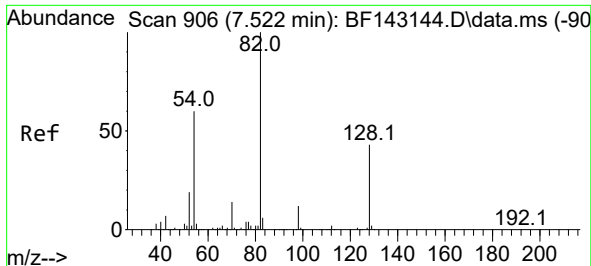
Tgt Ion:	136	Resp:	458358
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	10.0	8.2	12.2
68	6.2	5.4	8.2



#22
Acetophenone
Concen: 38.203 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:	105	Resp:	414569
Ion Ratio	Lower	Upper	
105	100		
71	9.0	5.8	8.6
51	38.6	30.2	45.2
120	22.9	18.2	27.4





#23

Nitrobenzene-d5

Concen: 81.218 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

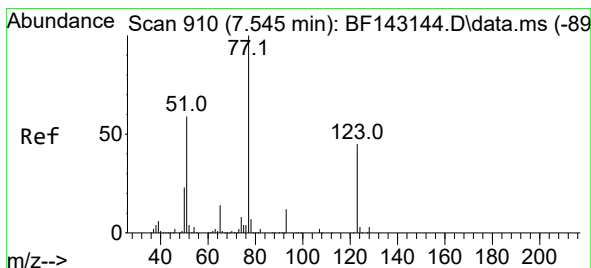
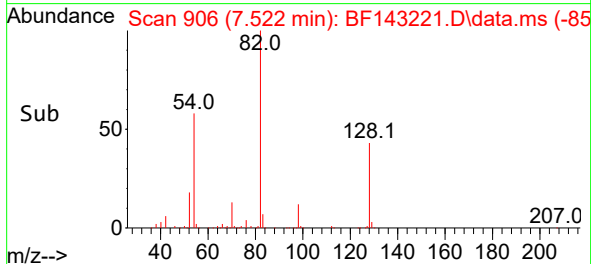
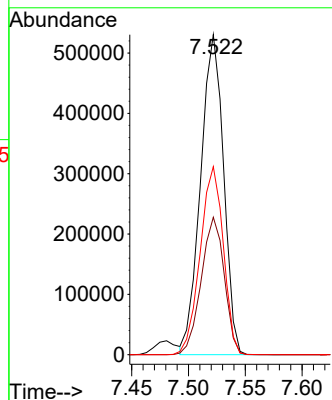
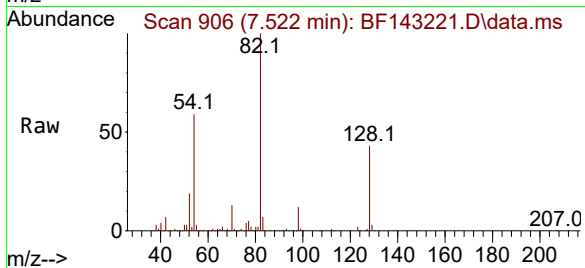
Tgt Ion: 82 Resp: 746822

Ion Ratio Lower Upper

82 100

128 43.0 33.6 50.4

54 58.7 47.1 70.7



#24

Nitrobenzene

Concen: 39.826 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

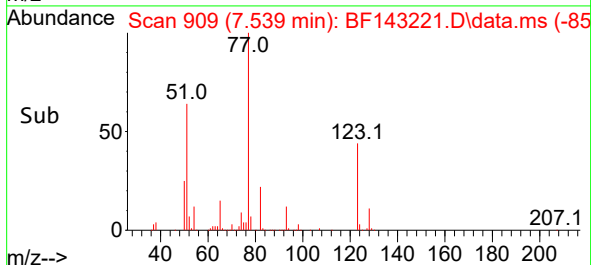
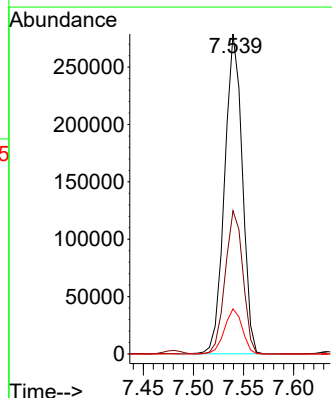
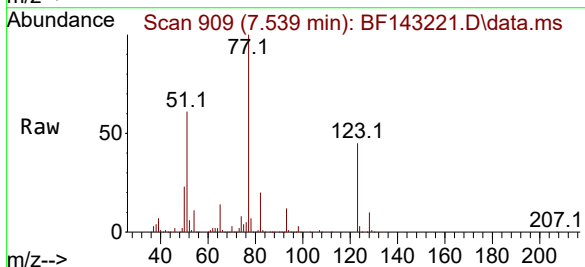
Tgt Ion: 77 Resp: 341419

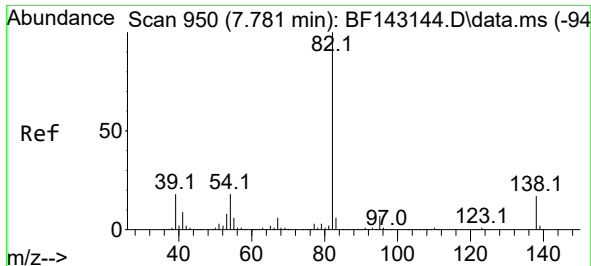
Ion Ratio Lower Upper

77 100

123 44.7 36.1 54.1

65 14.1 11.4 17.2

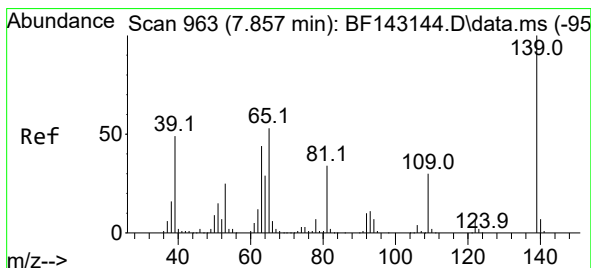
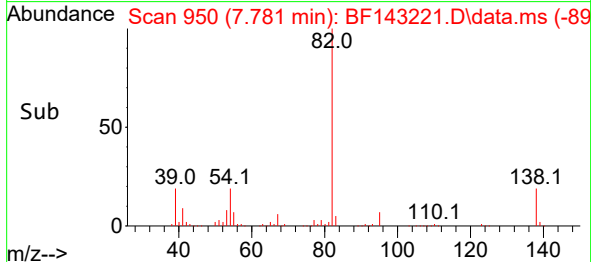
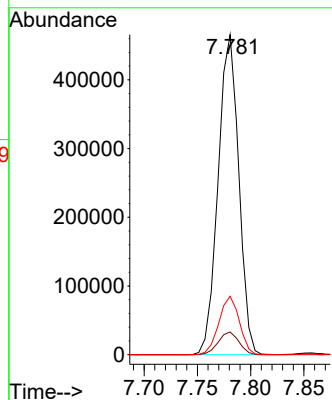
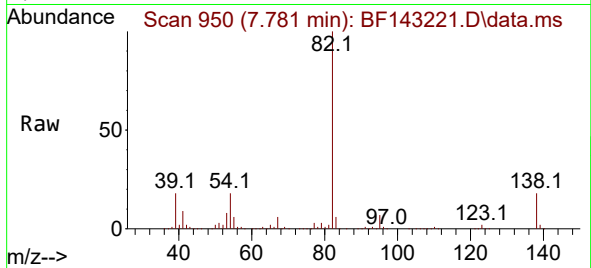




#25
Isophorone
Concen: 38.556 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

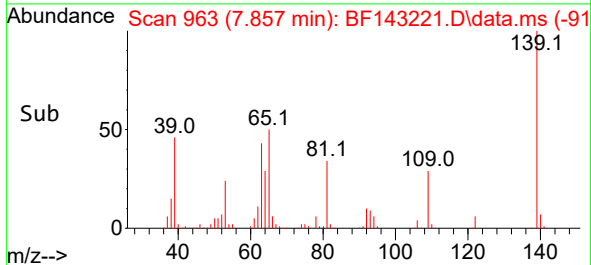
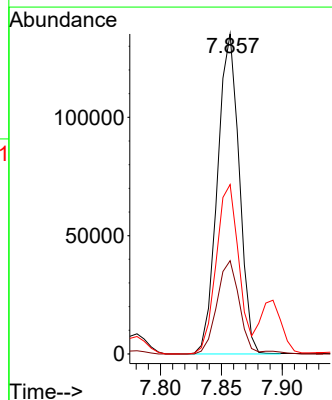
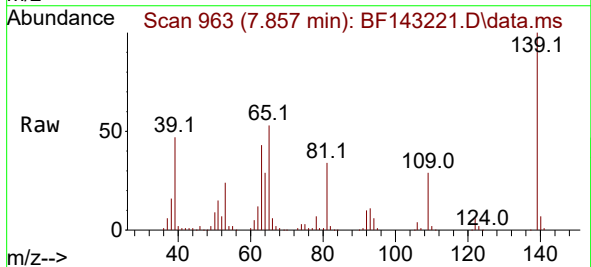
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

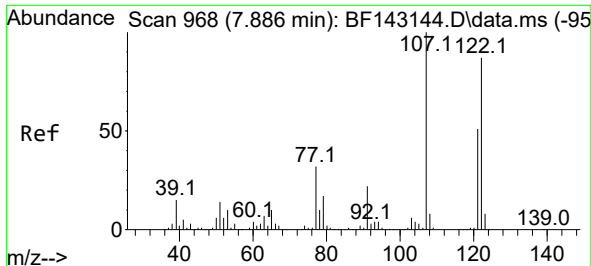
Tgt Ion: 82 Resp: 625867
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.3 13.8 20.8



#26
2-Nitrophenol
Concen: 45.287 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:139 Resp: 168496
Ion Ratio Lower Upper
139 100
109 29.2 23.6 35.4
65 52.9 42.6 64.0

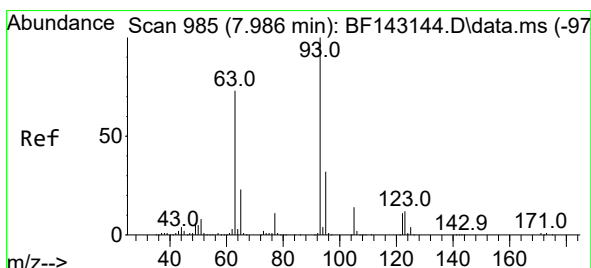
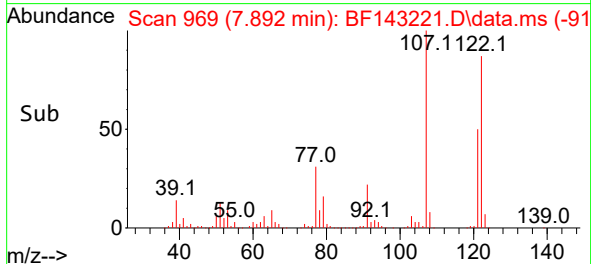
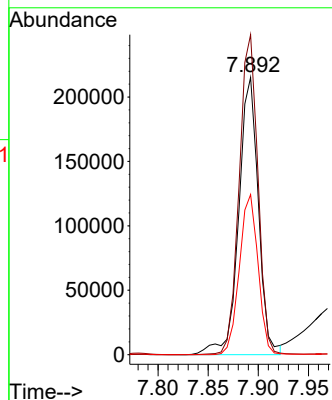
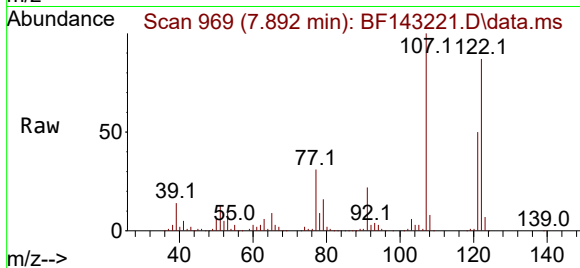




#27
2,4-Dimethylphenol
Concen: 38.857 ng
RT: 7.892 min Scan# 969
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

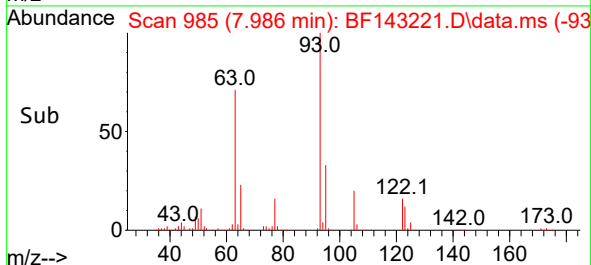
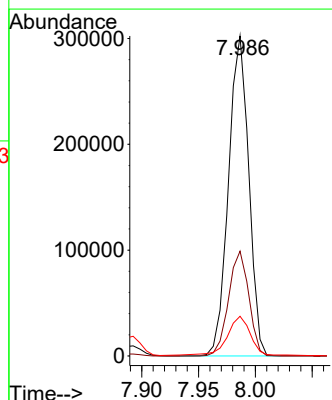
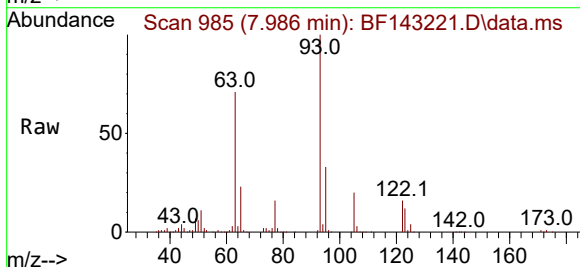
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

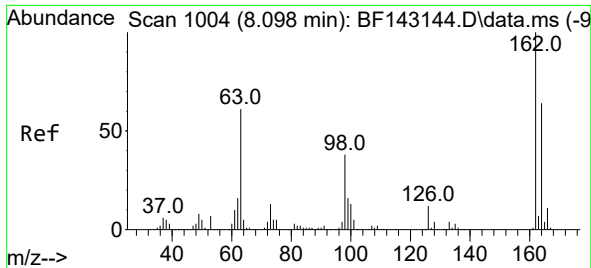
Tgt Ion:122 Resp: 294696
Ion Ratio Lower Upper
122 100
107 115.4 91.8 137.6
121 57.8 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 38.544 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion: 93 Resp: 375135
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.769 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

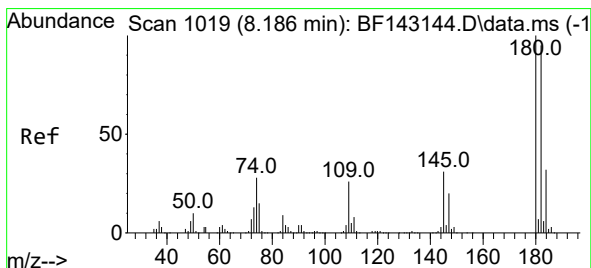
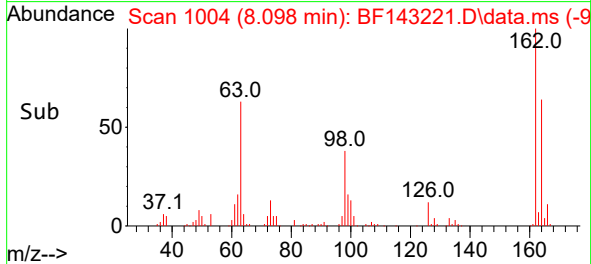
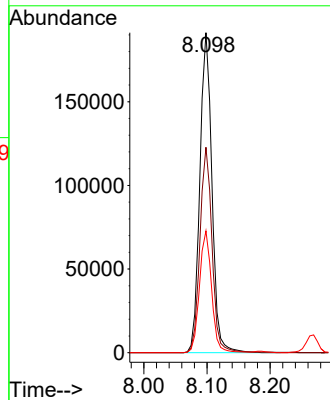
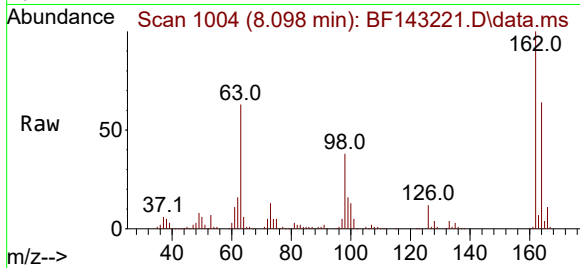
Tgt Ion:162 Resp: 254354

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 38.0 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 39.506 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

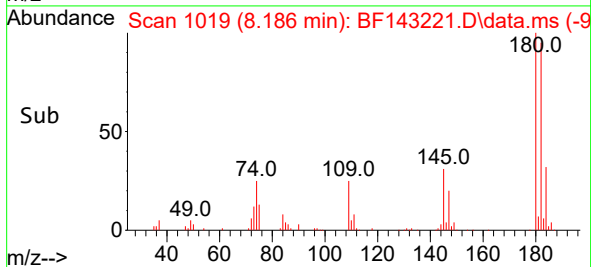
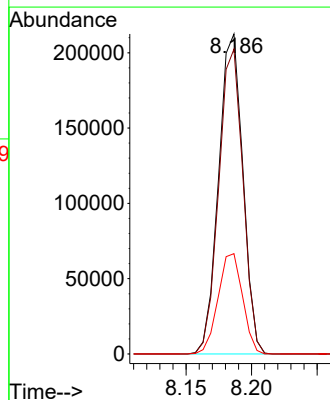
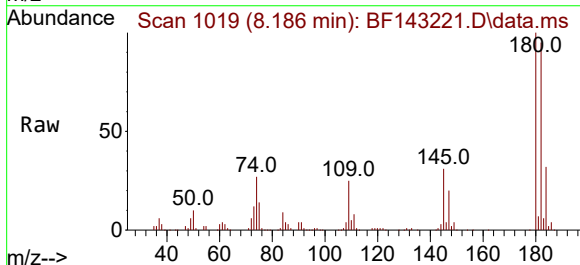
Tgt Ion:180 Resp: 272980

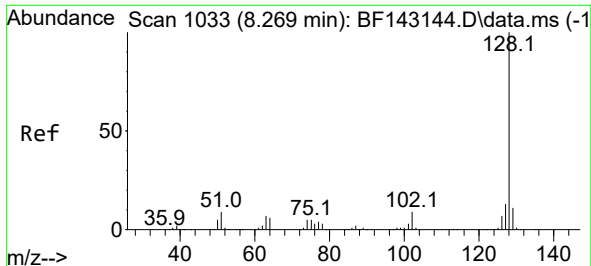
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 31.4 25.0 37.6

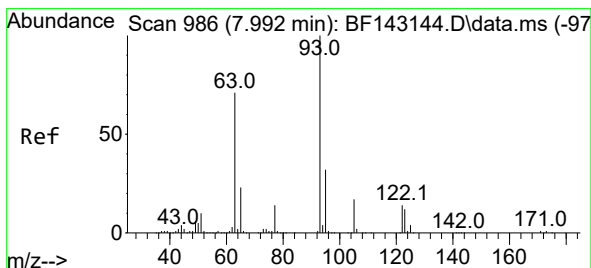
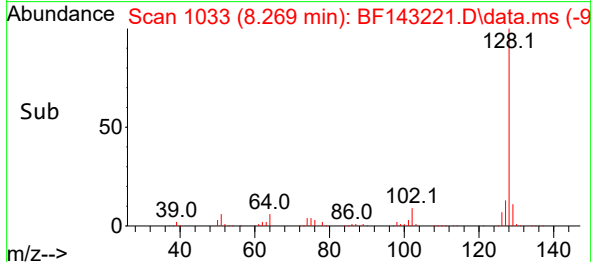
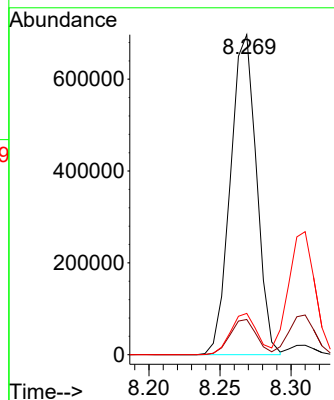
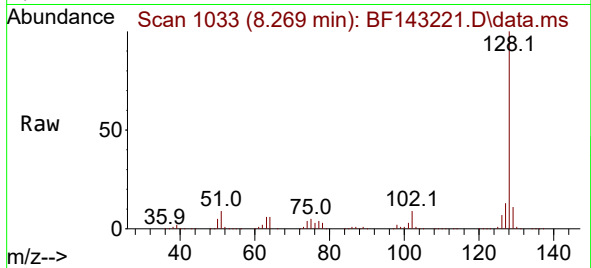




#31
Naphthalene
Concen: 39.367 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

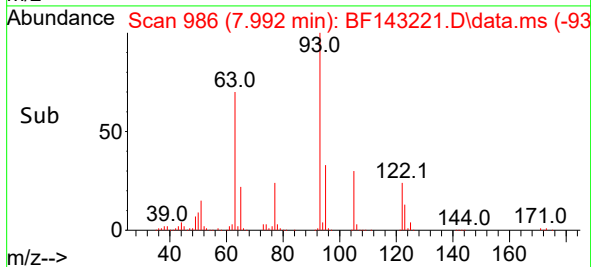
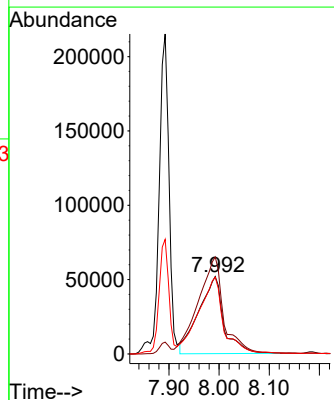
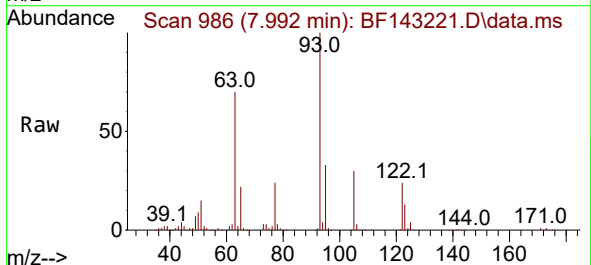
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

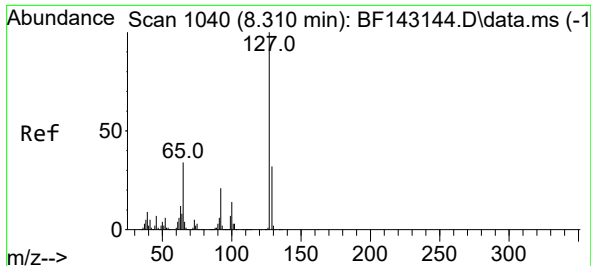
Tgt Ion:128 Resp: 888648
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 42.633 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:122 Resp: 179361
Ion Ratio Lower Upper
122 100
105 125.2 104.8 144.8
77 99.2 77.6 117.6

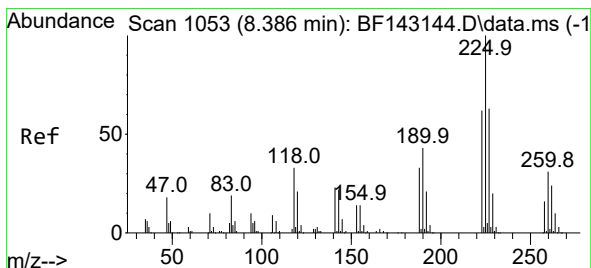
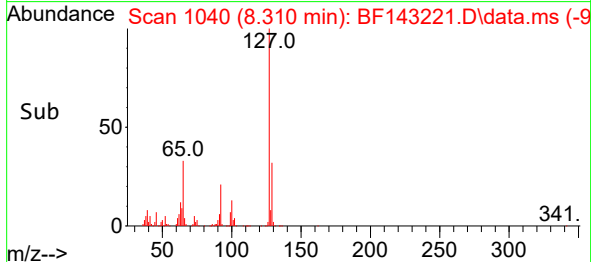
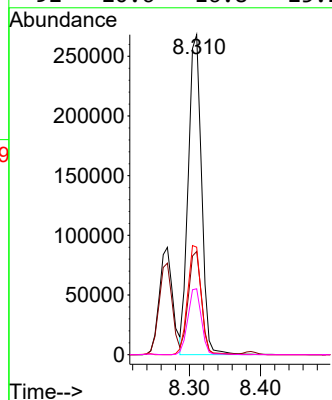
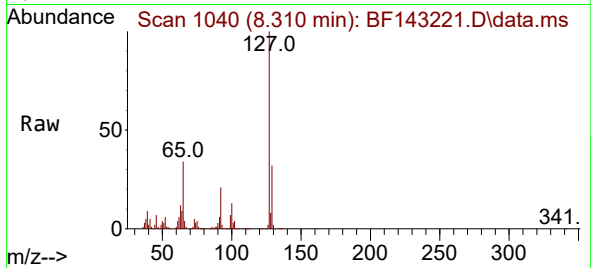




#33
4-Chloroaniline
Concen: 37.678 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

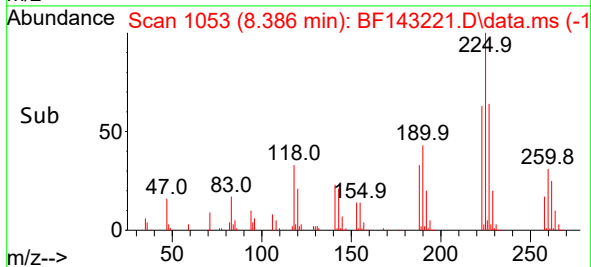
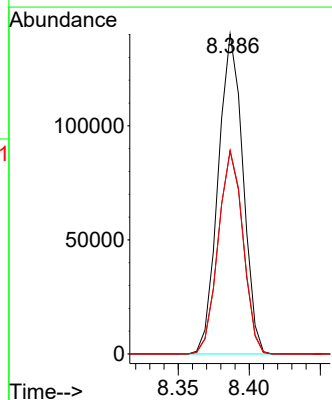
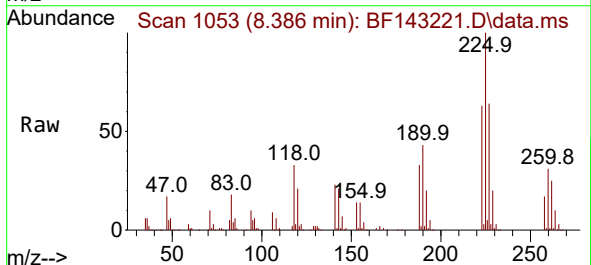
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

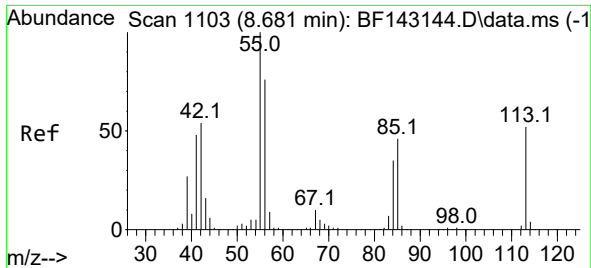
Tgt Ion:	127	Resp:	347284
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.6	27.4	41.2
92	20.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.216 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:	225	Resp:	169752
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	63.6	50.2	75.4

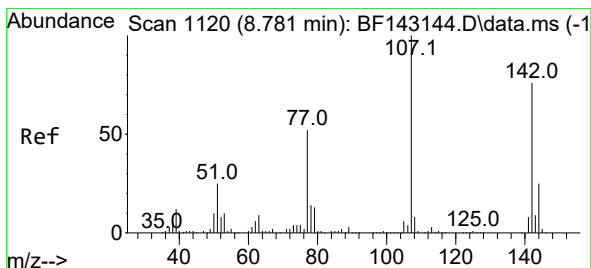
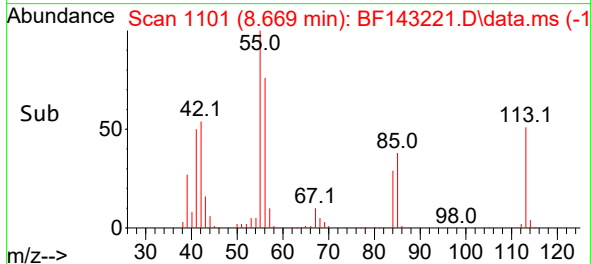
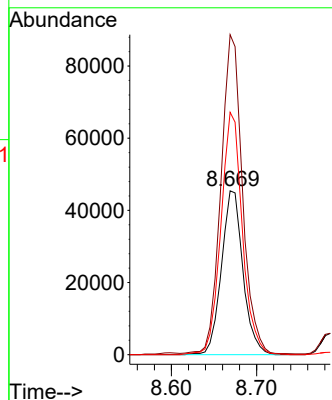
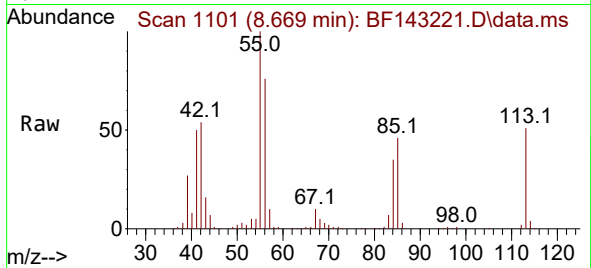




#35
 Caprolactam
 Concen: 41.239 ng
 RT: 8.669 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF143221.D
 Acq: 23 Jul 2025 19:54

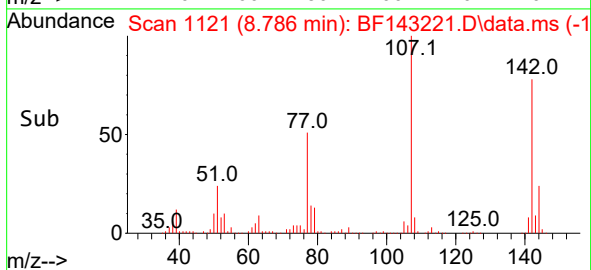
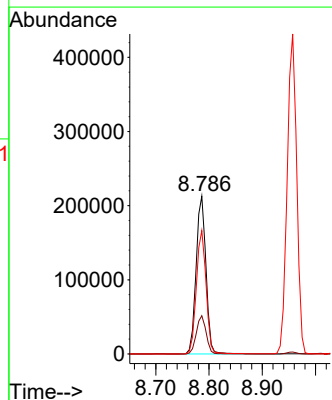
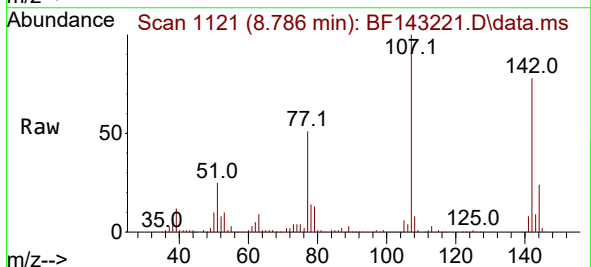
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

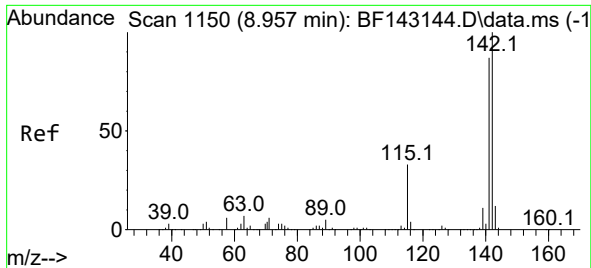
Tgt Ion:113 Resp: 79704
 Ion Ratio Lower Upper
 113 100
 55 195.3 174.0 214.0
 56 148.0 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.279 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143221.D
 Acq: 23 Jul 2025 19:54

Tgt Ion:107 Resp: 273054
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.8 29.6
 142 78.2 60.6 90.8

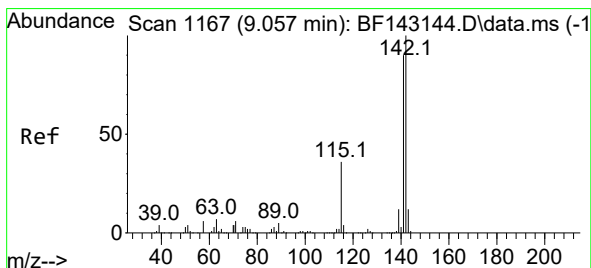
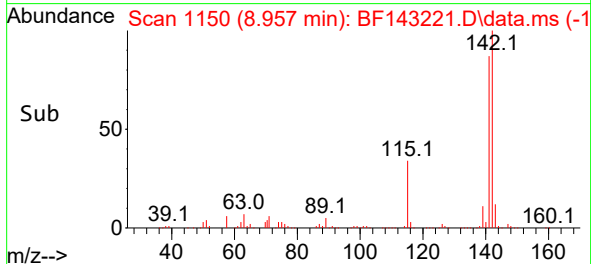
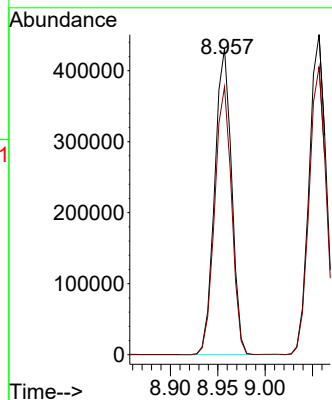
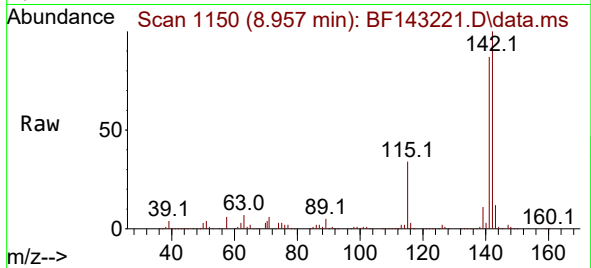




#37
2-Methylnaphthalene
Concen: 39.000 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

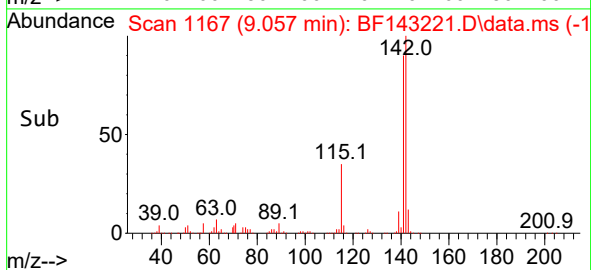
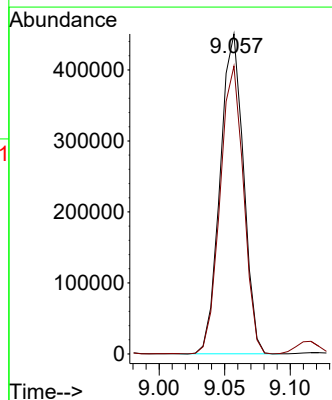
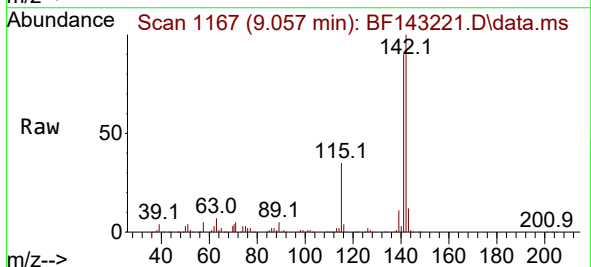
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

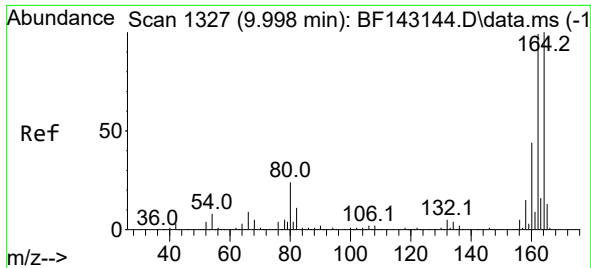
Tgt Ion:142 Resp: 535718
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9



#38
1-Methylnaphthalene
Concen: 39.512 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:142 Resp: 558905
Ion Ratio Lower Upper
142 100
141 90.0 72.3 108.5

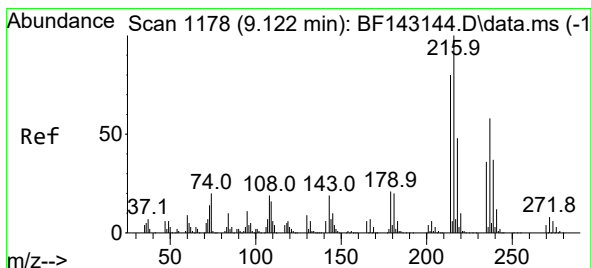
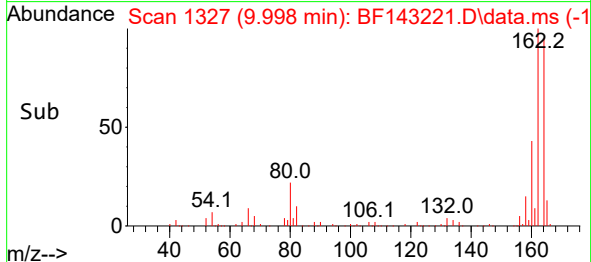
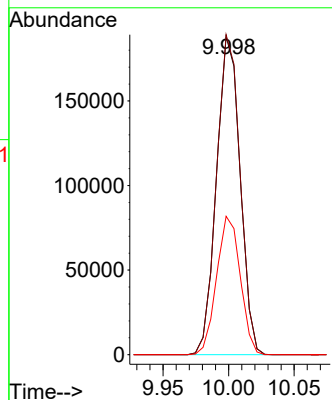
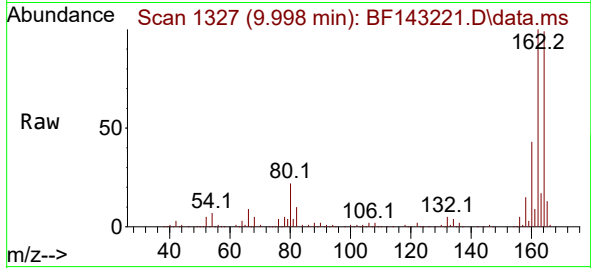




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

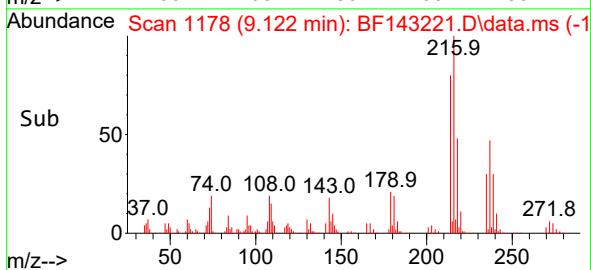
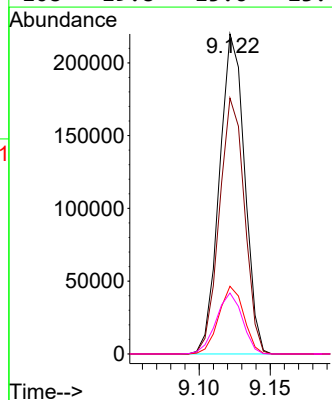
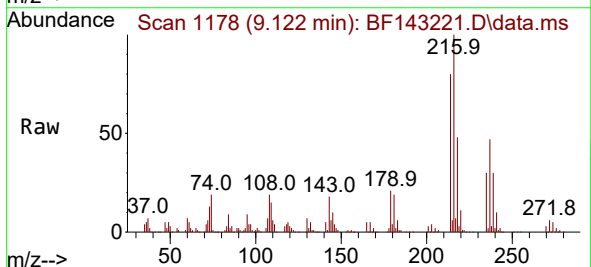
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 235193
Ion Ratio Lower Upper
164 100
162 100.6 79.0 118.6
160 43.5 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.918 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:216 Resp: 271052
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.8
179 21.0 16.4 24.6
108 19.8 15.6 23.4

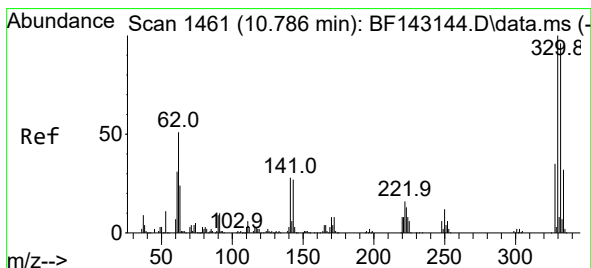
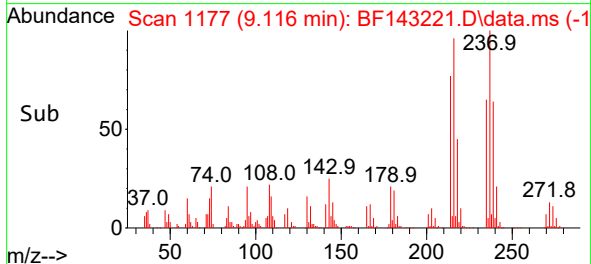
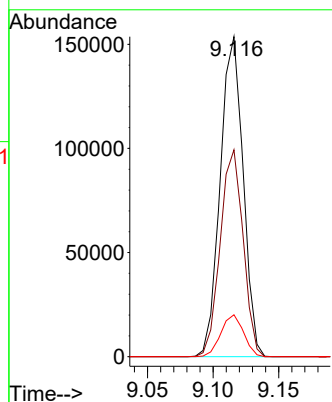
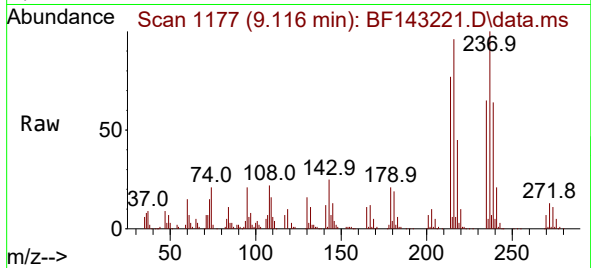




#41
Hexachlorocyclopentadiene
Concen: 42.201 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

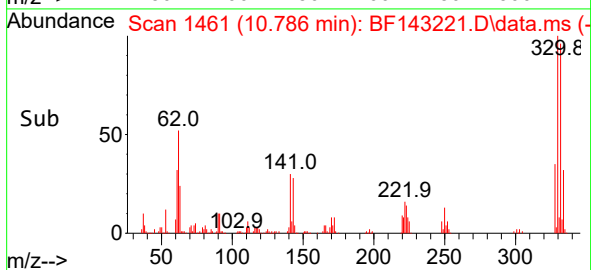
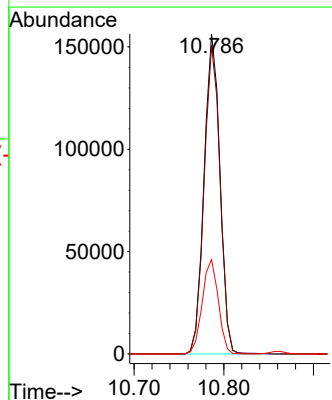
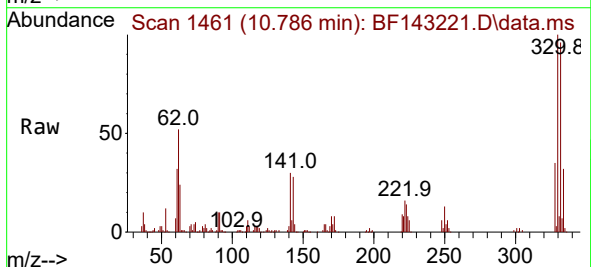
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 186455
Ion Ratio Lower Upper
237 100
235 64.7 43.0 83.0
272 13.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 79.071 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:330 Resp: 192118
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 29.7 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 39.390 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

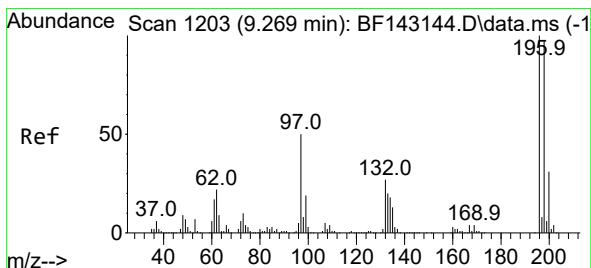
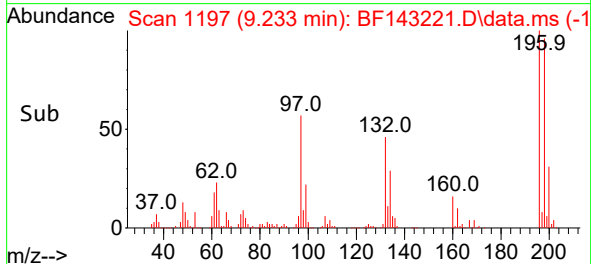
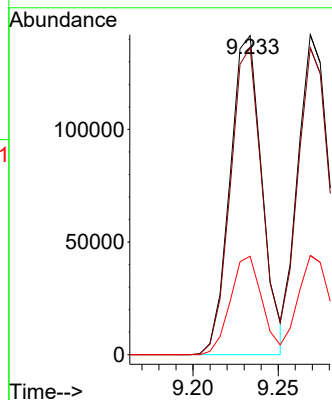
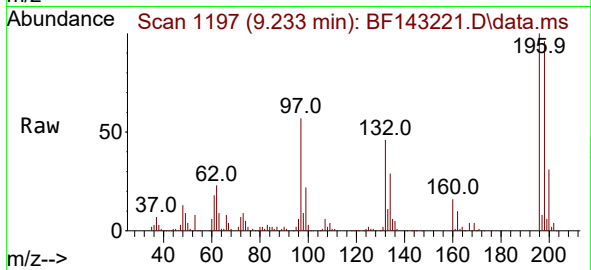
Tgt Ion:196 Resp: 185114

Ion Ratio Lower Upper

196 100

198 96.2 76.2 114.2

200 30.9 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 40.875 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Tgt Ion:196 Resp: 192146

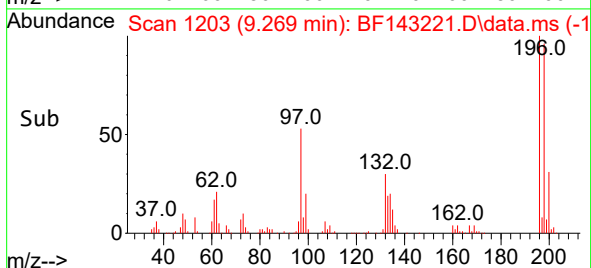
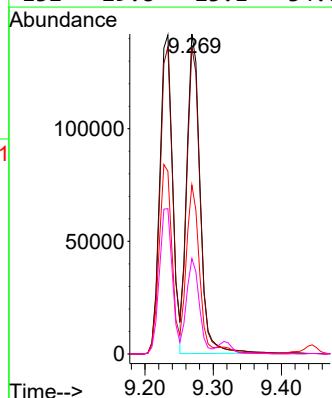
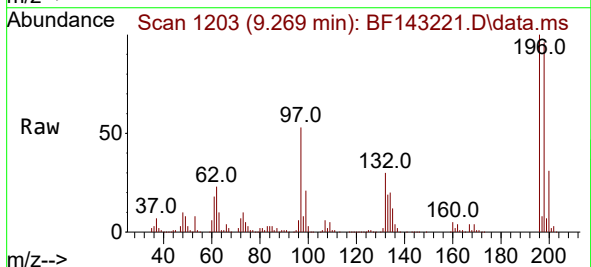
Ion Ratio Lower Upper

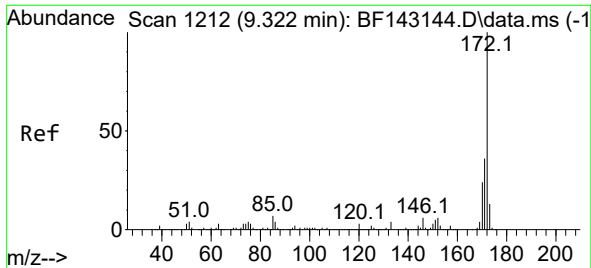
196 100

198 95.9 77.3 115.9

97 52.8 40.3 60.5

132 29.8 23.1 34.7

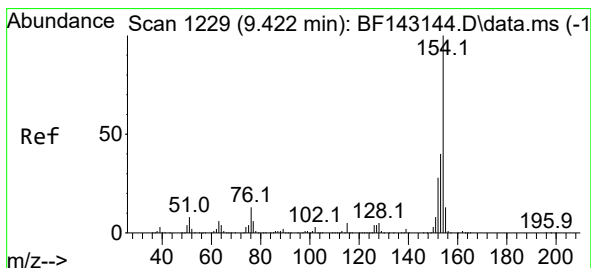
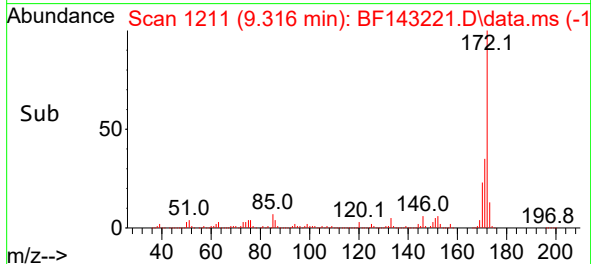
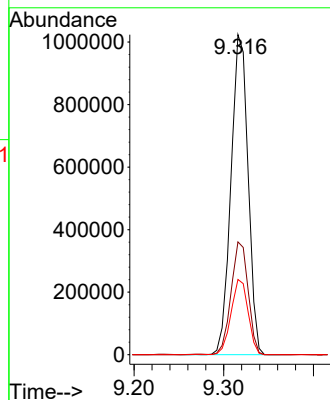
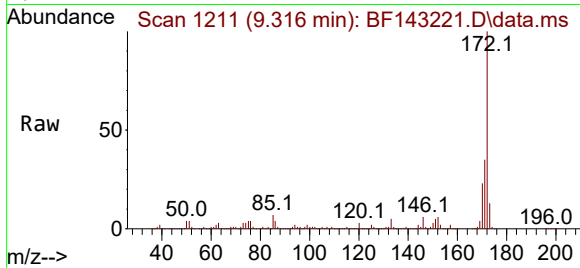




#45
2-Fluorobiphenyl
Concen: 78.638 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

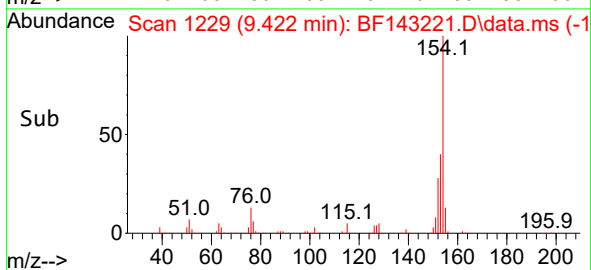
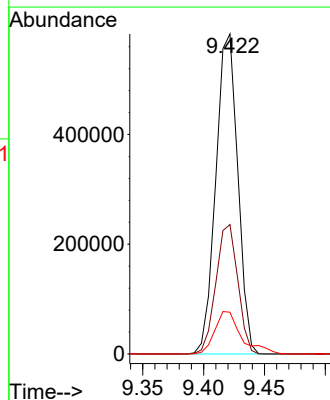
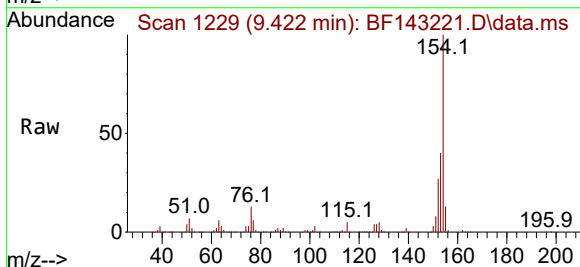
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

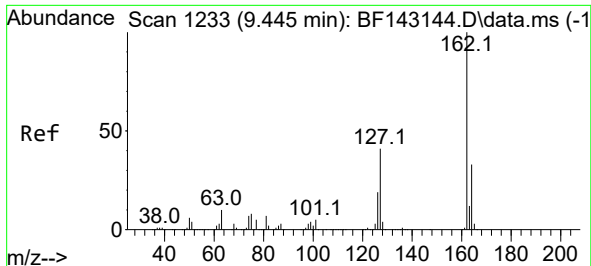
Tgt Ion:172 Resp: 1352359
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 39.925 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:154 Resp: 732610
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.1 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.574 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

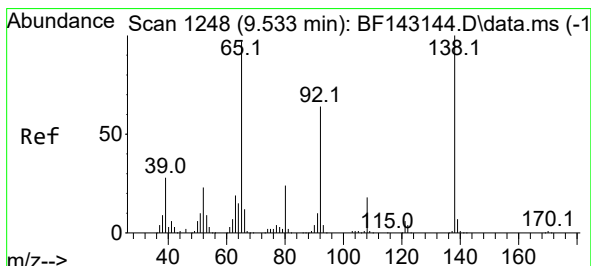
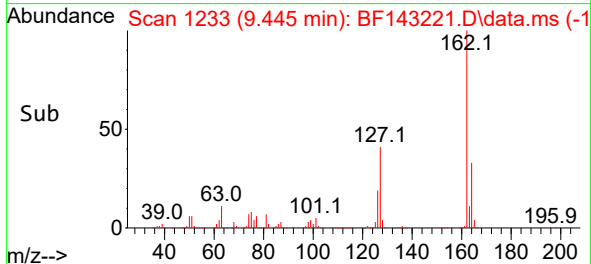
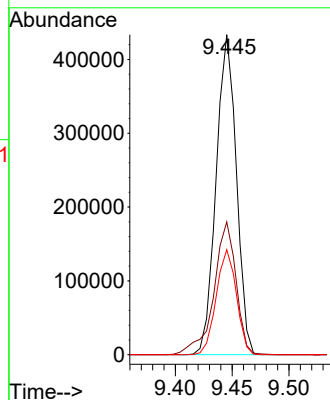
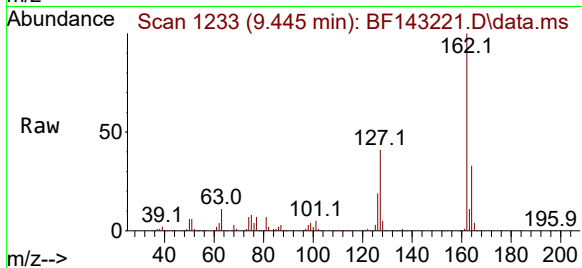
Tgt Ion:162 Resp: 537315

Ion Ratio Lower Upper

162 100

127 41.5 33.4 50.2

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 42.672 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

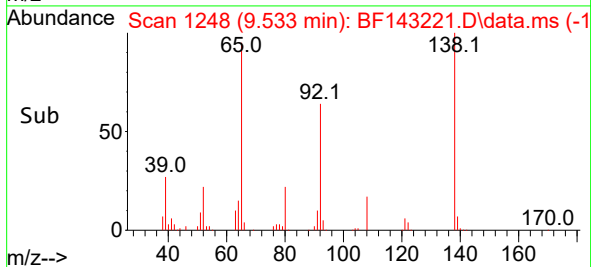
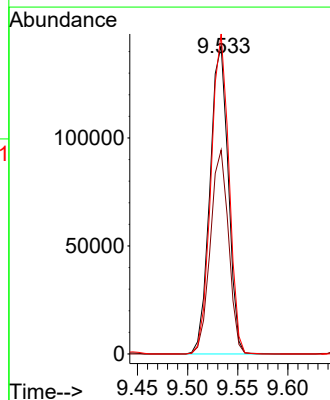
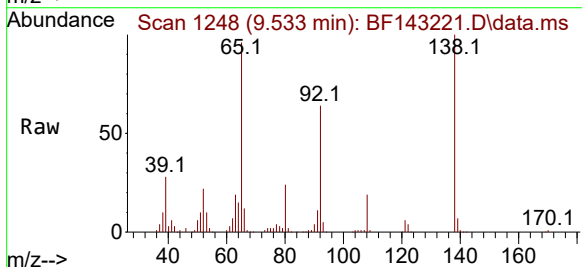
Tgt Ion: 65 Resp: 181690

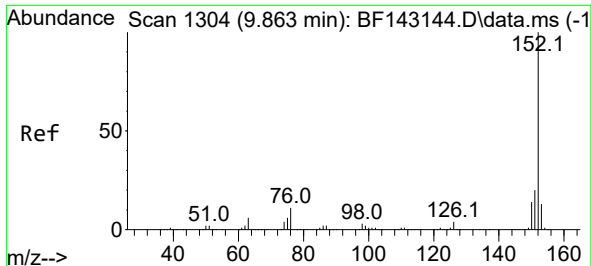
Ion Ratio Lower Upper

65 100

92 66.2 52.4 78.6

138 103.8 82.3 123.5





#49

Acenaphthylene

Concen: 39.131 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

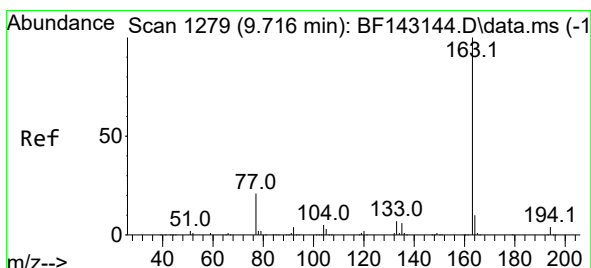
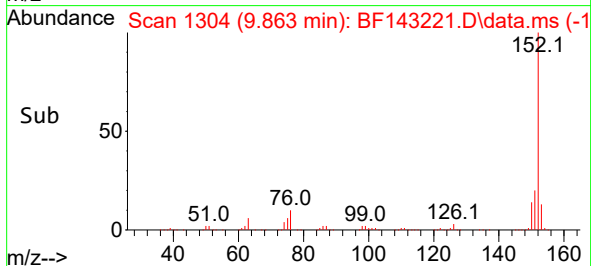
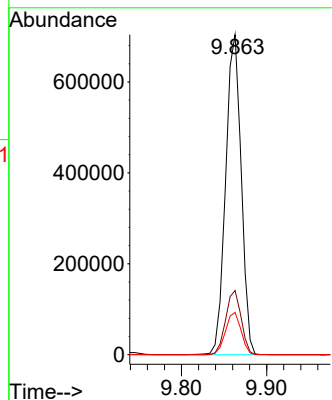
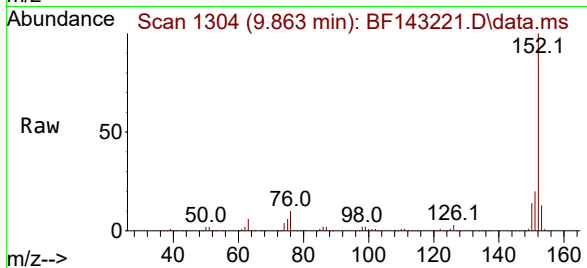
Tgt Ion:152 Resp: 890386

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 40.296 ng

RT: 9.716 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

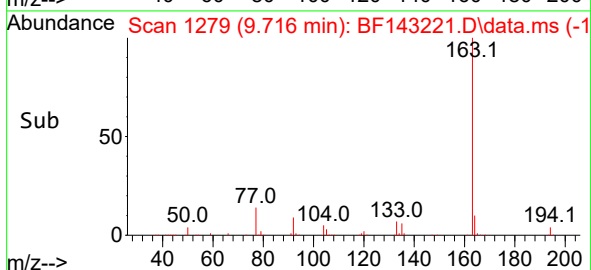
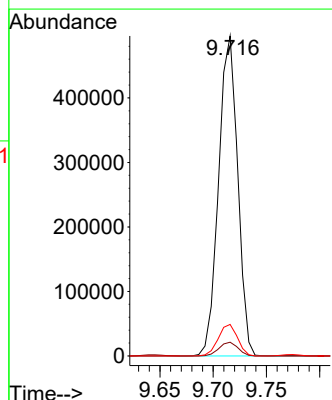
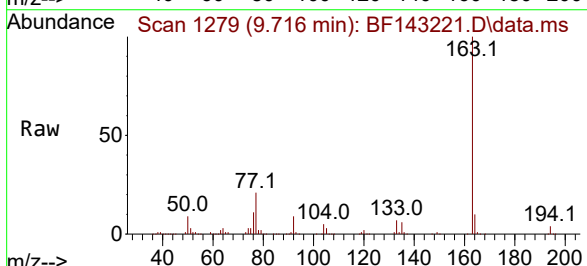
Tgt Ion:163 Resp: 617764

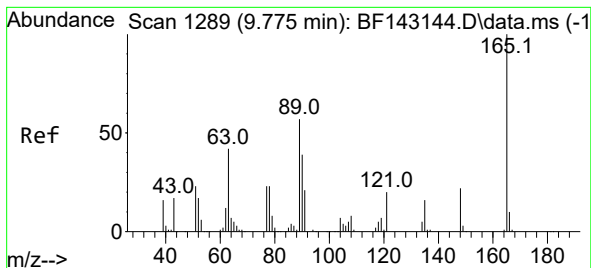
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 9.8 8.3 12.5

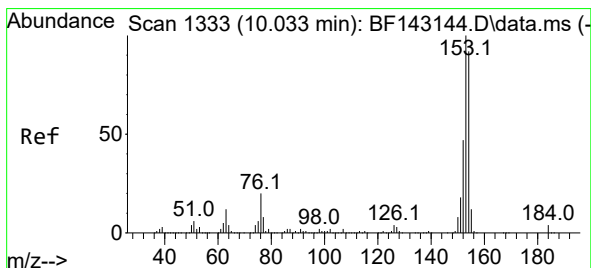
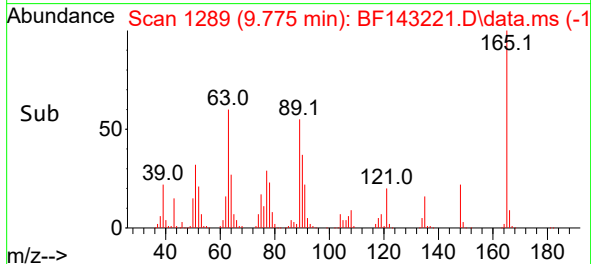
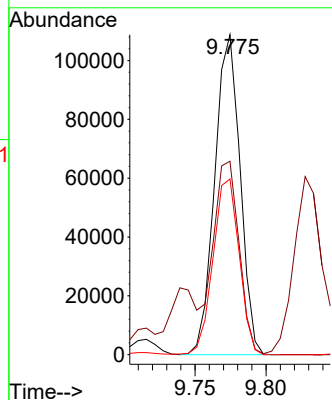
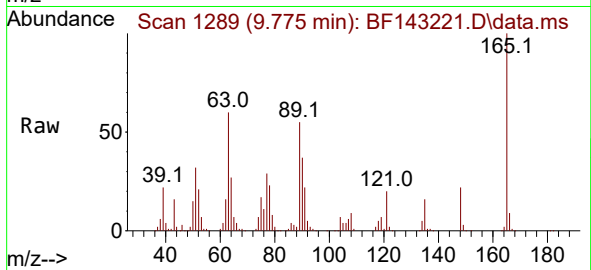




#51
2,6-Dinitrotoluene
Concen: 43.380 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

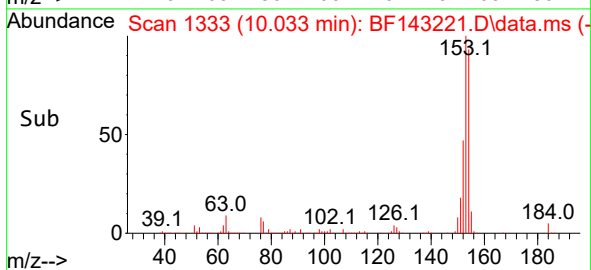
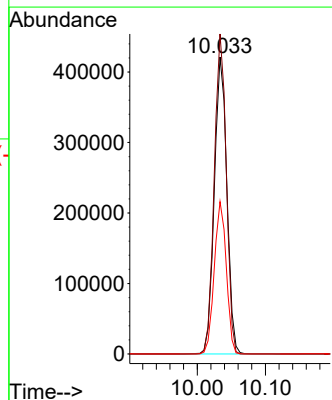
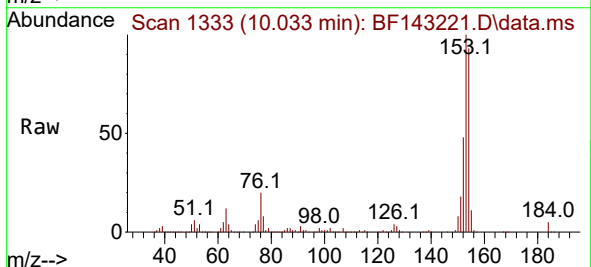
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

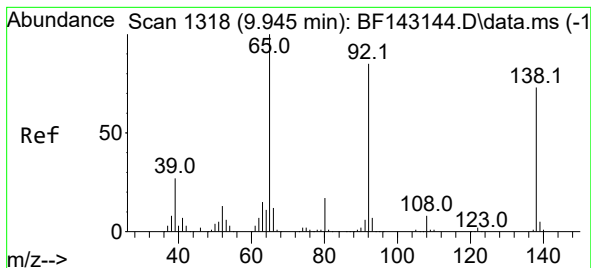
Tgt Ion:165 Resp: 135289
Ion Ratio Lower Upper
165 100
63 60.5 49.4 74.2
89 54.9 46.2 69.2



#52
Acenaphthene
Concen: 40.152 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:154 Resp: 539986
Ion Ratio Lower Upper
154 100
153 107.7 86.6 129.8
152 51.3 40.4 60.6

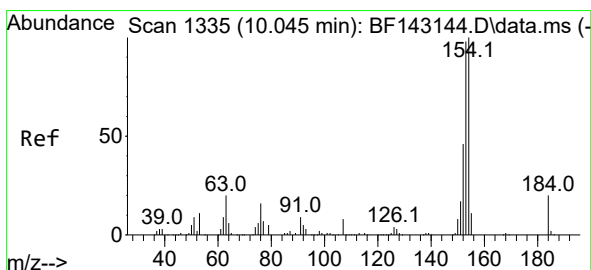
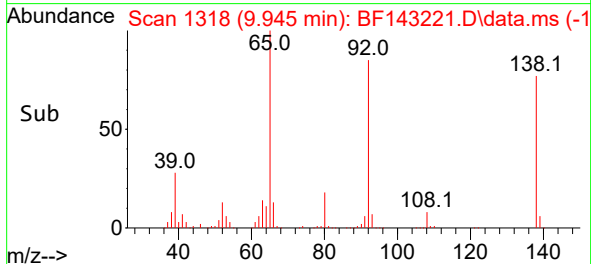
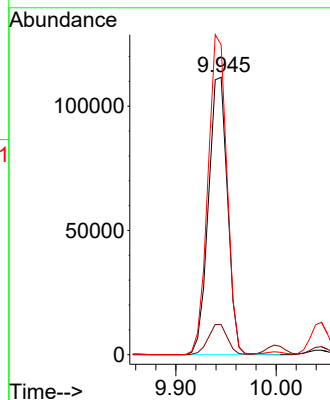
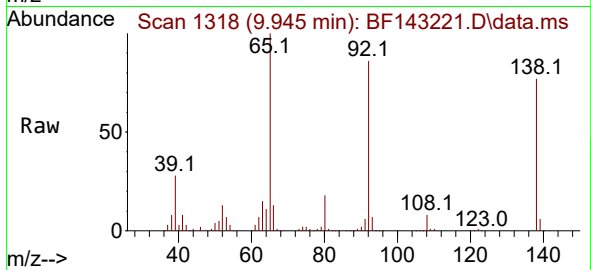




#53
3-Nitroaniline
Concen: 40.486 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

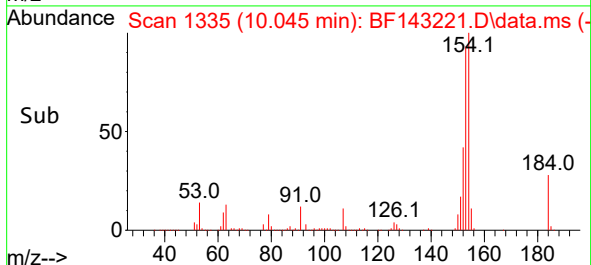
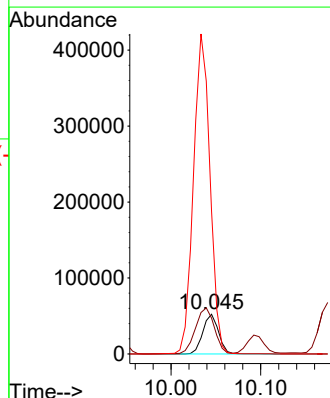
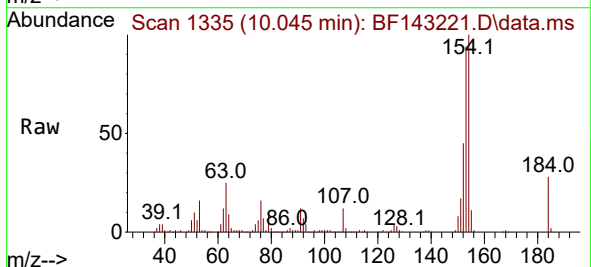
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

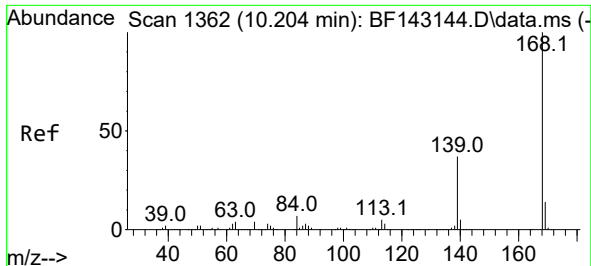
Tgt Ion:138 Resp: 147684
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.6
92 111.6 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 48.021 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:184 Resp: 63769
Ion Ratio Lower Upper
184 100
63 90.2 81.8 122.6
154 359.0 412.2 618.4#

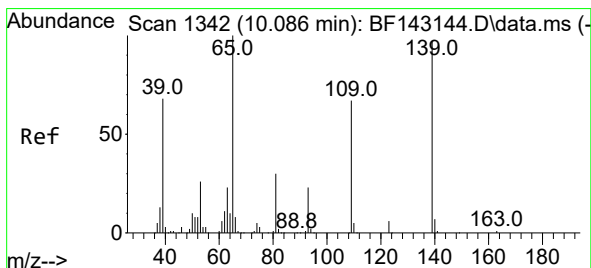
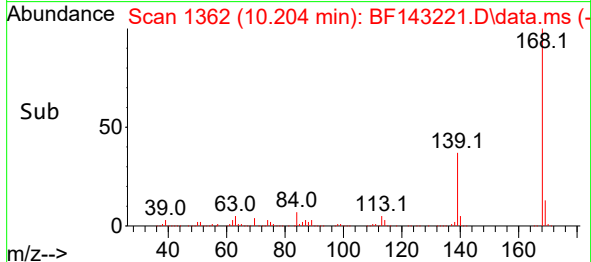
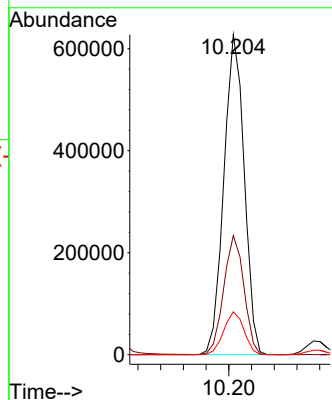
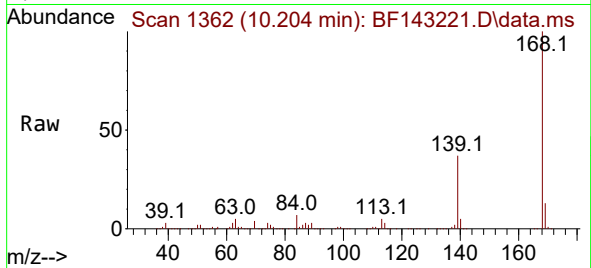




#55
Dibenzenofuran
Concen: 39.131 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

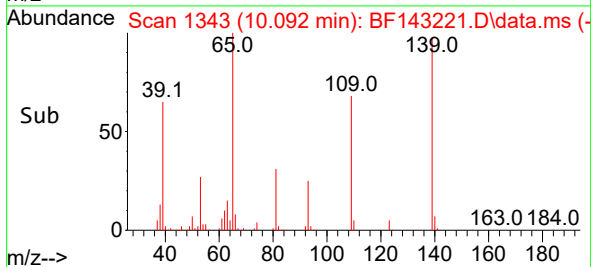
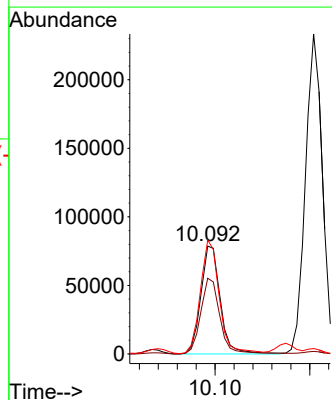
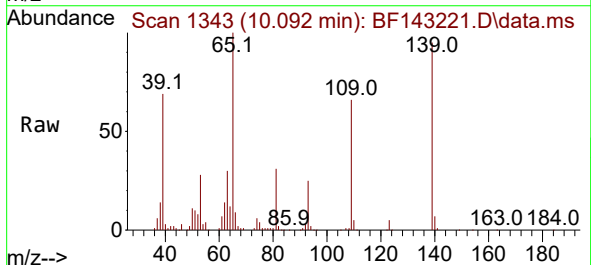
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

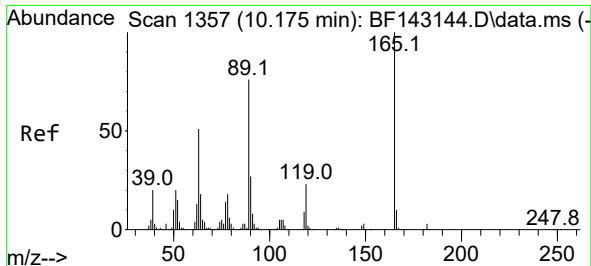
Tgt Ion:168 Resp: 781320
Ion Ratio Lower Upper
168 100
139 37.2 29.5 44.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 41.078 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:139 Resp: 111895
Ion Ratio Lower Upper
139 100
109 70.2 48.5 88.5
65 105.6 83.4 123.4

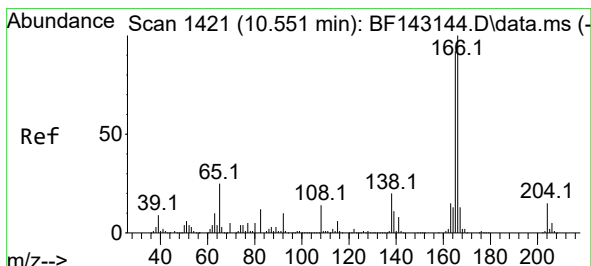
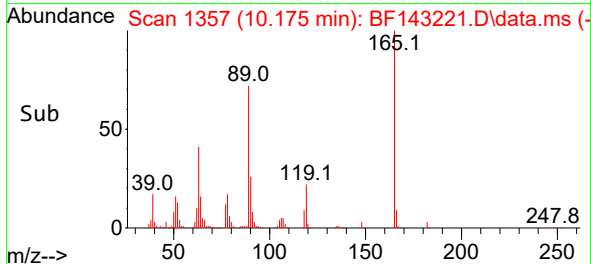
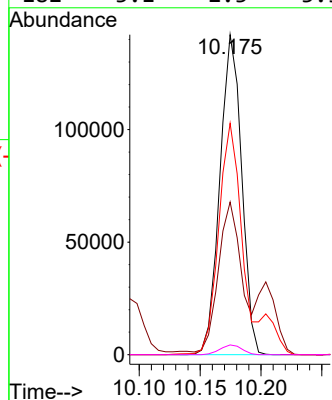
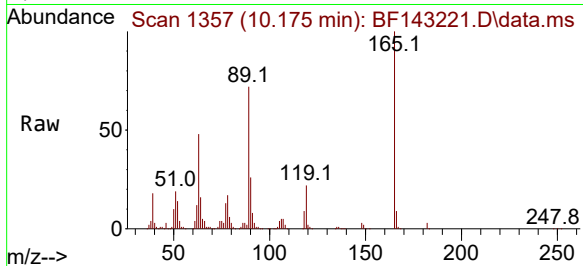




#57
2,4-Dinitrotoluene
Concen: 45.245 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

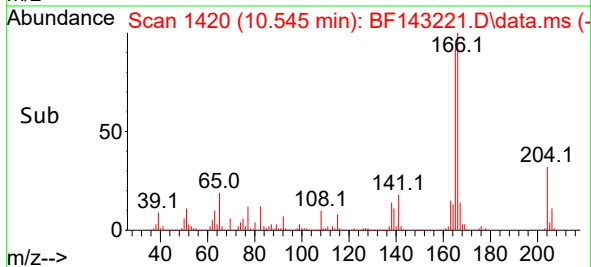
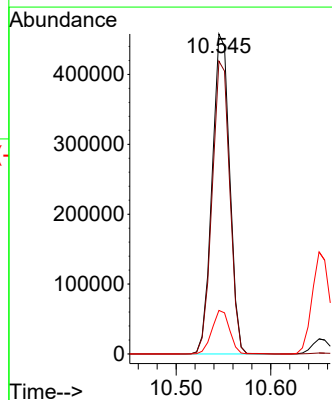
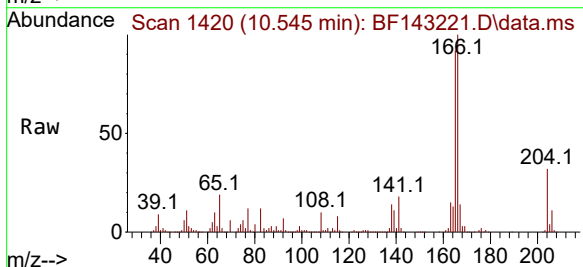
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

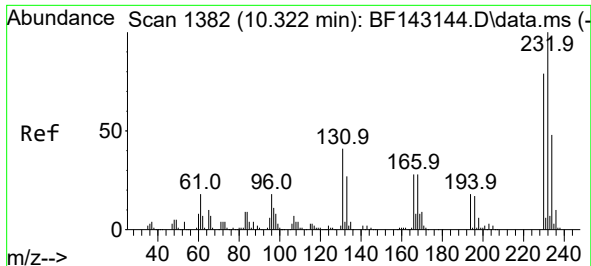
Tgt Ion:165 Resp: 177032
Ion Ratio Lower Upper
165 100
63 47.7 41.0 61.4
89 72.3 61.1 91.7
182 3.1 2.3 3.5



#58
Fluorene
Concen: 39.375 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:166 Resp: 590047
Ion Ratio Lower Upper
166 100
165 91.5 73.7 110.5
167 13.6 10.6 16.0

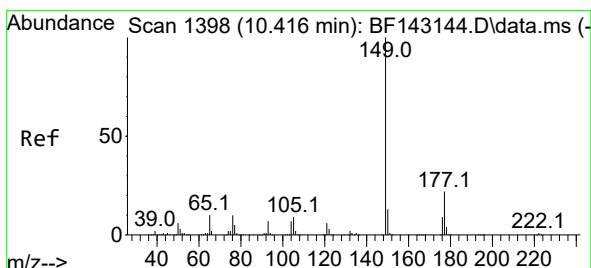
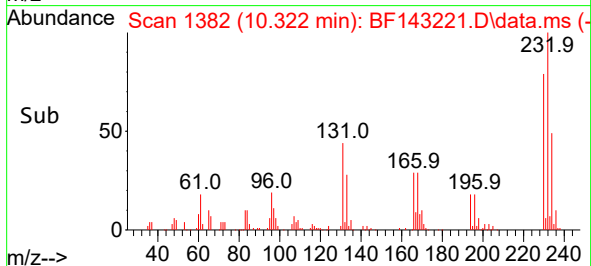
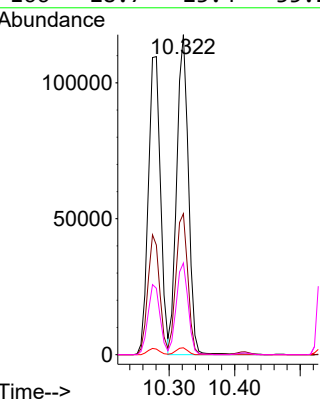
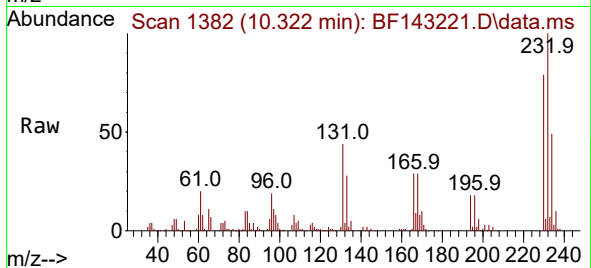




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.408 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

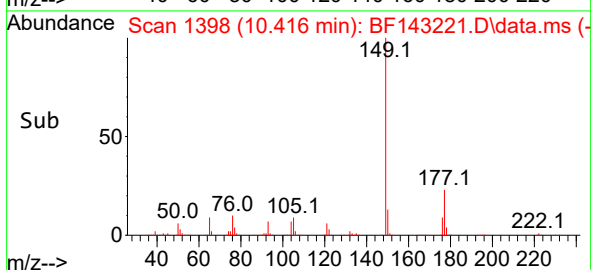
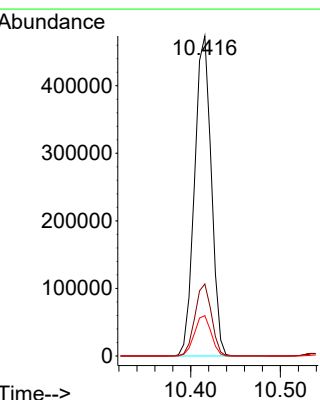
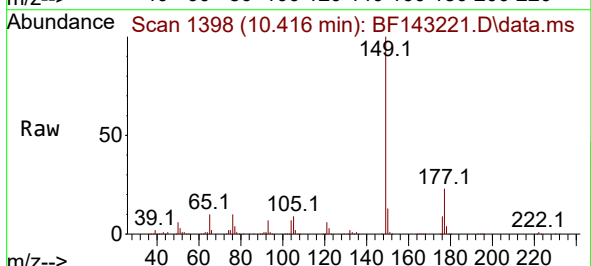
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

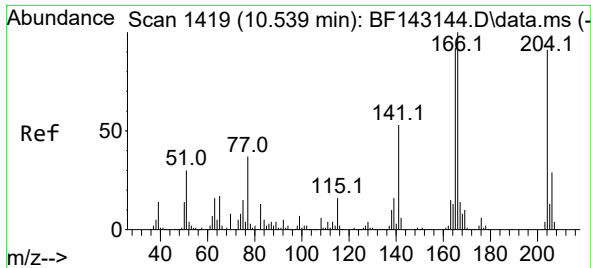
Tgt Ion:232 Resp: 145668
Ion Ratio Lower Upper
232 100
131 44.8 35.3 52.9
130 2.1 1.7 2.5
166 28.7 23.4 35.2



#60
Diethylphthalate
Concen: 40.338 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 611236
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.6 10.2 15.2

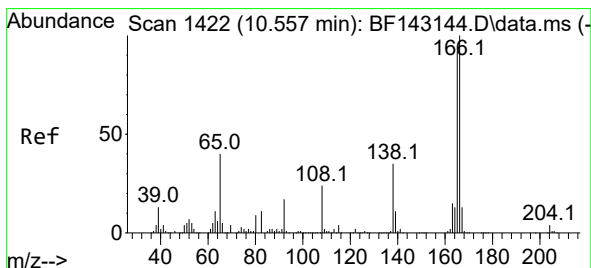
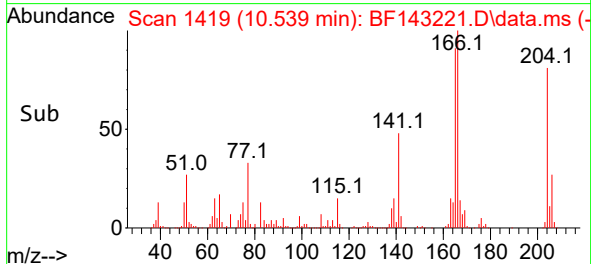
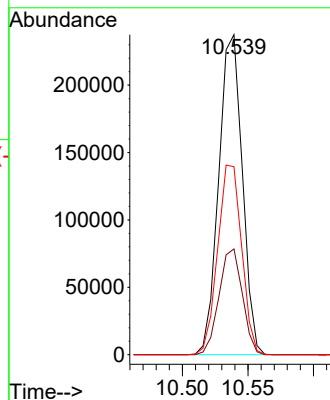
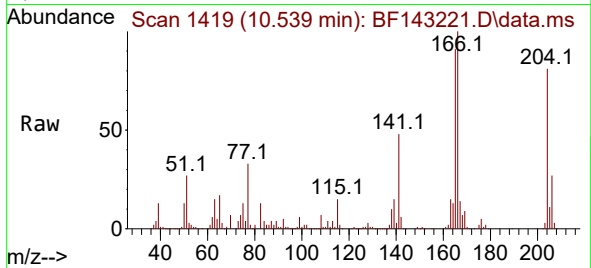




#61
4-Chlorophenyl-phenylether
Concen: 39.732 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

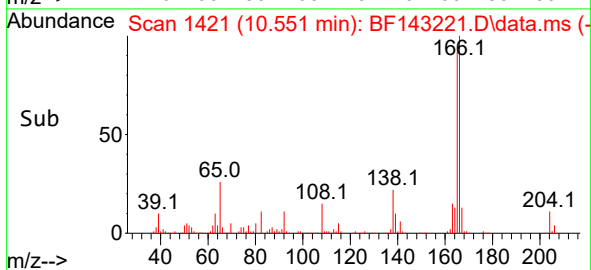
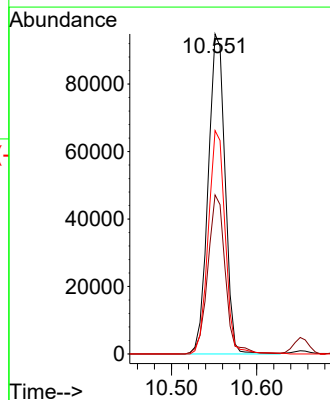
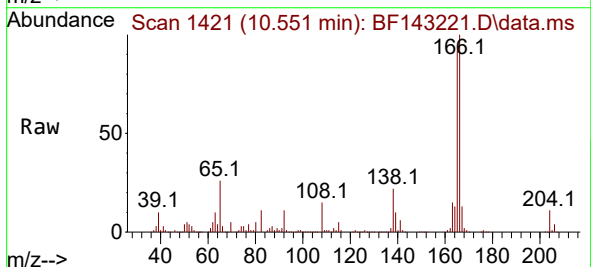
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

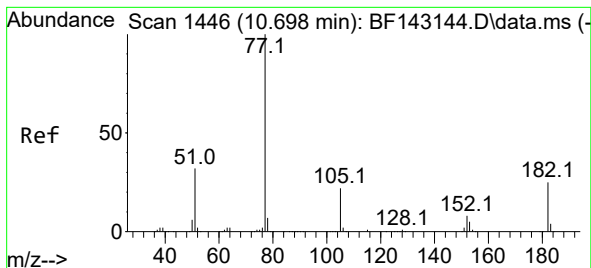
Tgt Ion:204 Resp: 296476
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 58.7 47.0 70.4



#62
4-Nitroaniline
Concen: 41.742 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:138 Resp: 130501
Ion Ratio Lower Upper
138 100
92 49.7 29.3 69.3
108 69.8 48.3 88.3





#63

Azobenzene

Concen: 39.494 ng

RT: 10.698 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 623709

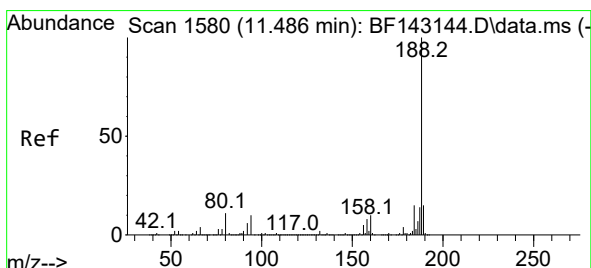
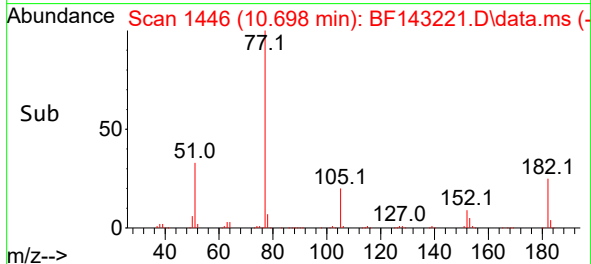
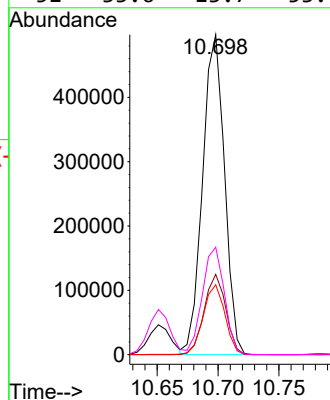
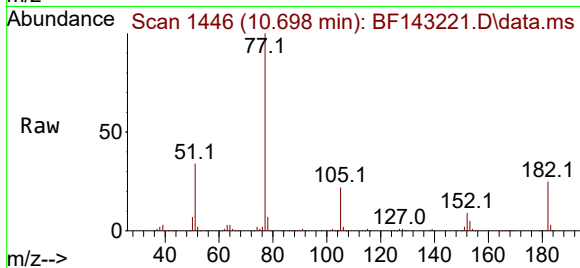
Ion Ratio Lower Upper

77 100

182 25.1 4.6 44.6

105 21.8 1.4 41.4

51 33.6 13.7 53.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

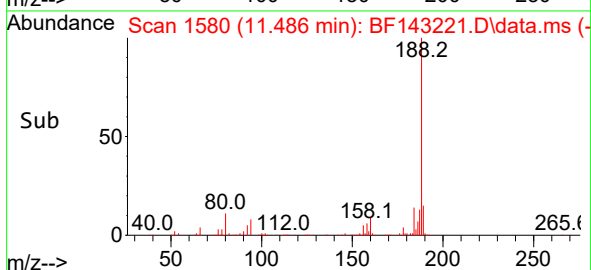
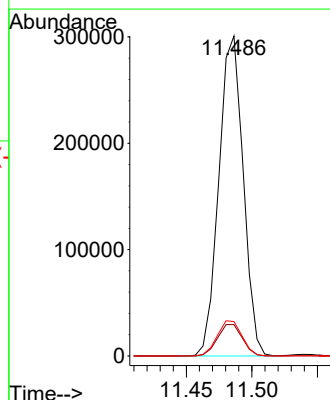
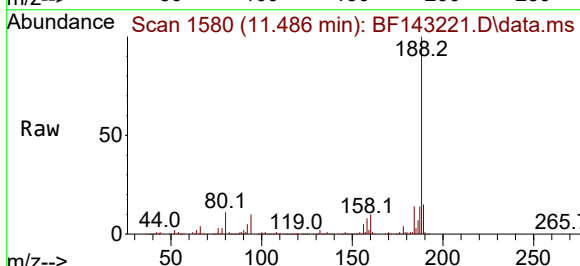
Tgt Ion: 188 Resp: 388311

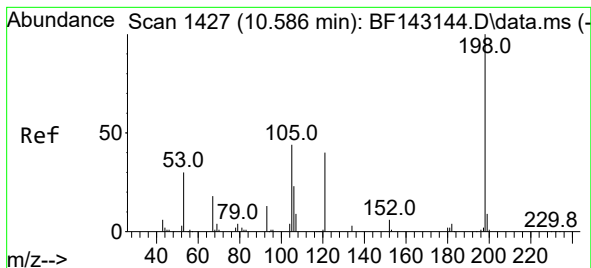
Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 10.8 9.0 13.6

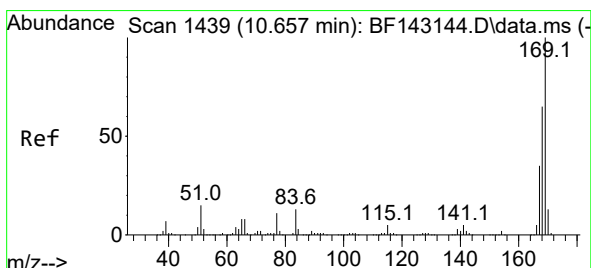
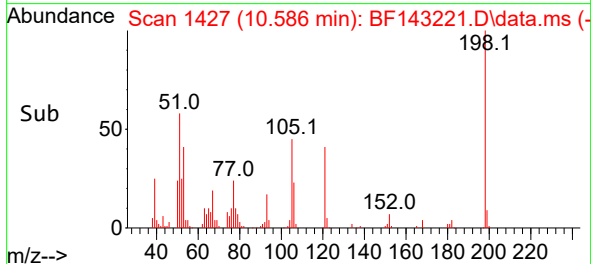
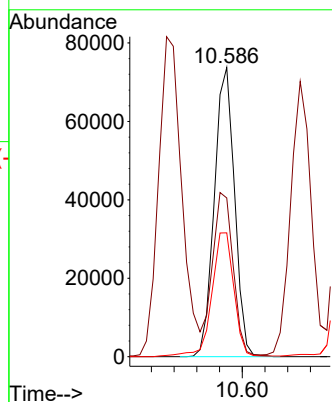
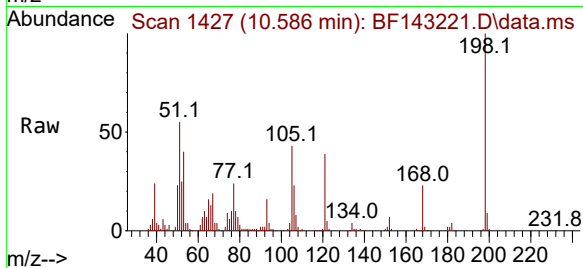




#65
4,6-Dinitro-2-methylphenol
Concen: 45.161 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

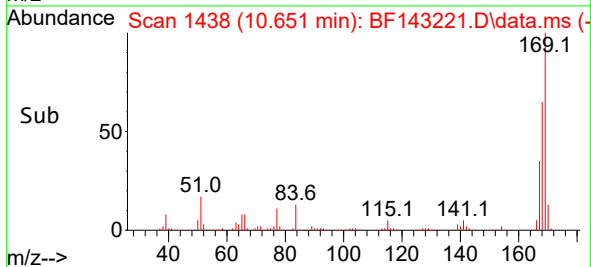
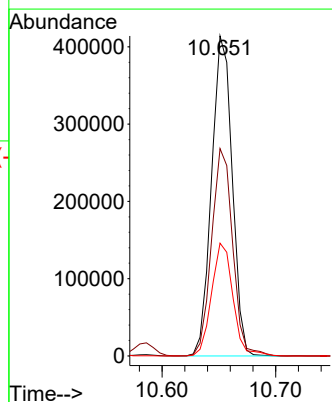
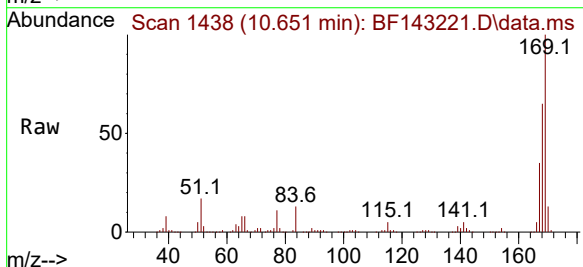
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

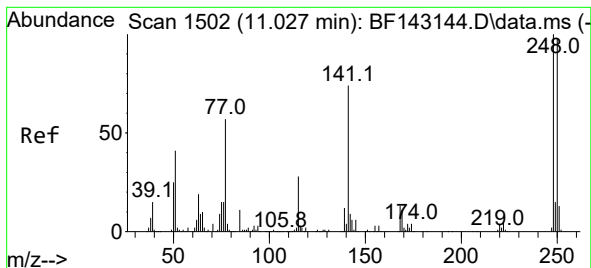
Tgt Ion:198 Resp: 91197
Ion Ratio Lower Upper
198 100
51 54.9 37.2 77.2
105 42.8 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 38.172 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:169 Resp: 521954
Ion Ratio Lower Upper
169 100
168 64.8 52.1 78.1
167 35.3 28.2 42.2

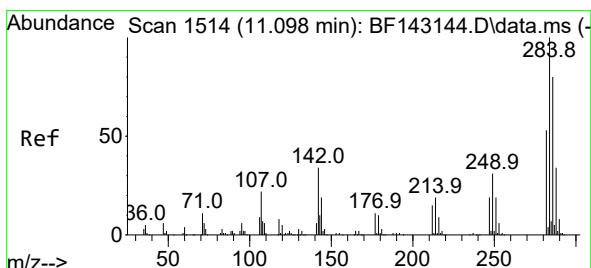
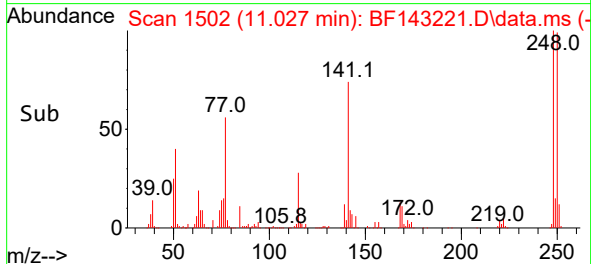
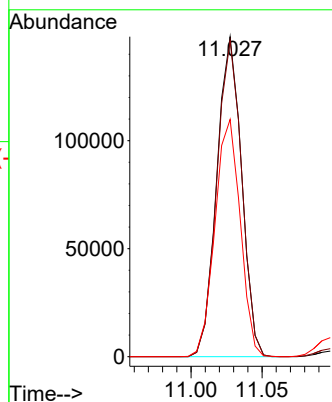
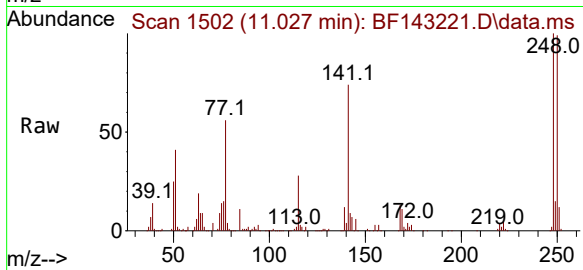




#67
4-Bromophenyl-phenylether
Concen: 38.872 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

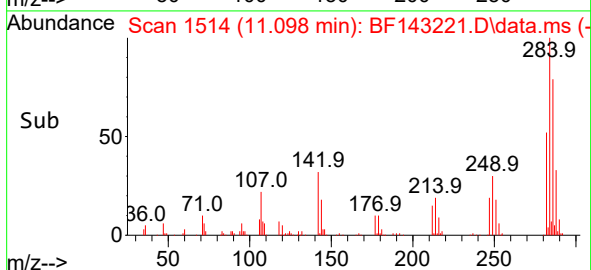
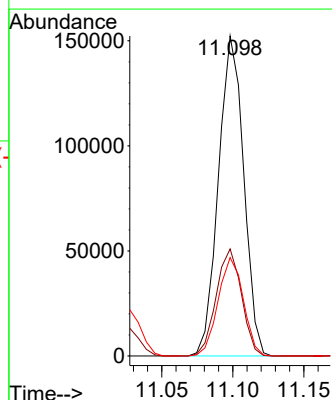
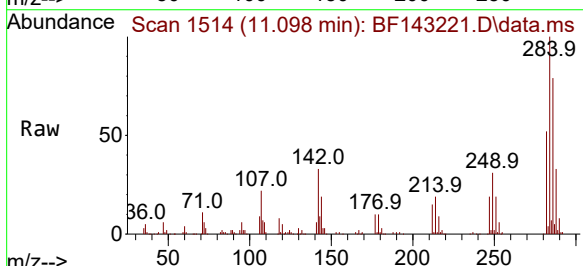
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

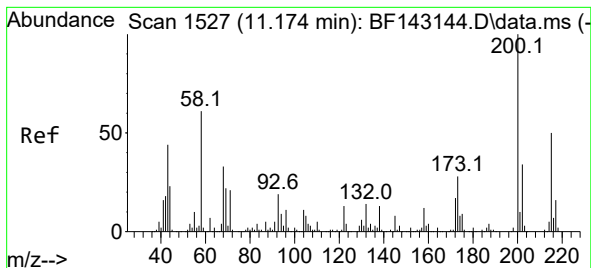
Tgt Ion:248 Resp: 179887
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 74.2 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.896 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:284 Resp: 188132
Ion Ratio Lower Upper
284 100
142 33.5 27.0 40.6
249 30.8 25.0 37.6





#69

Atrazine

Concen: 42.677 ng

RT: 11.175 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

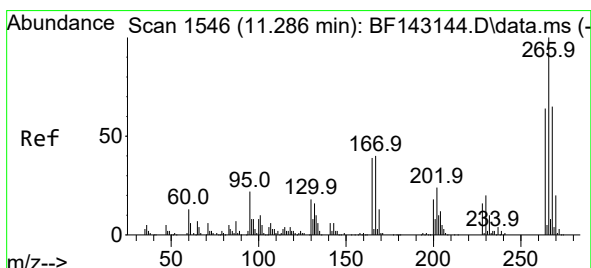
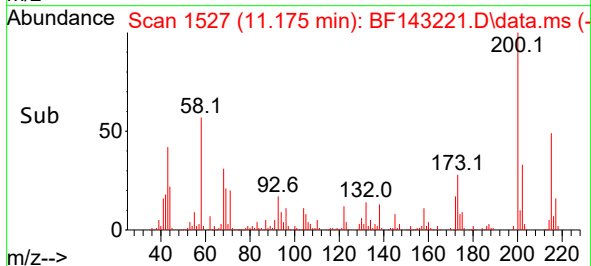
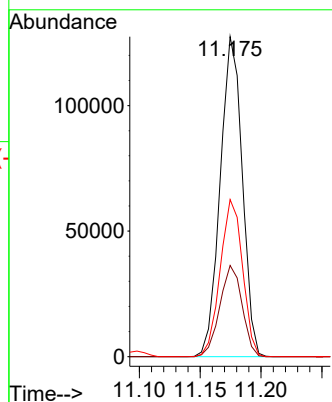
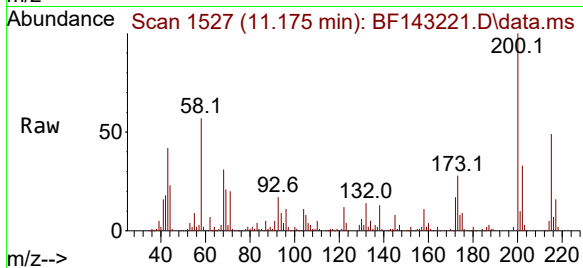
Tgt Ion:200 Resp: 160879

Ion Ratio Lower Upper

200 100

173 28.5 7.9 47.9

215 49.1 30.1 70.1



#70

Pentachlorophenol

Concen: 40.704 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

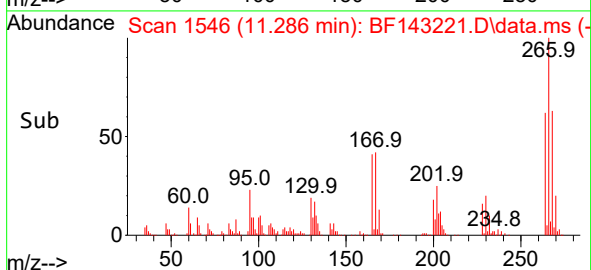
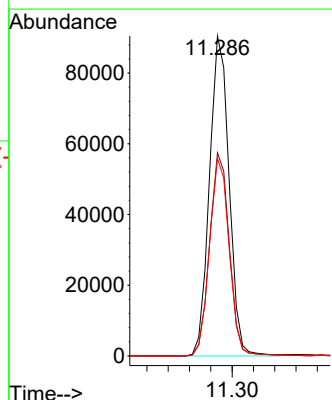
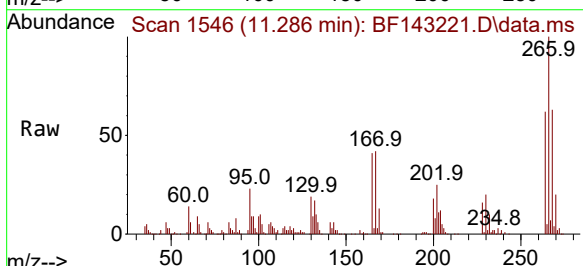
Tgt Ion:266 Resp: 115781

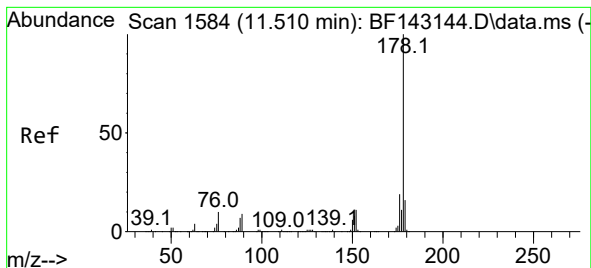
Ion Ratio Lower Upper

266 100

268 63.5 51.9 77.9

264 61.8 51.0 76.6





#71

Phenanthrene

Concen: 39.073 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

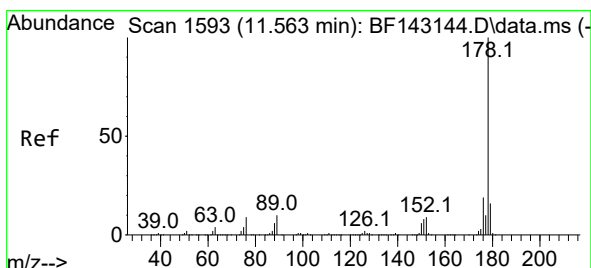
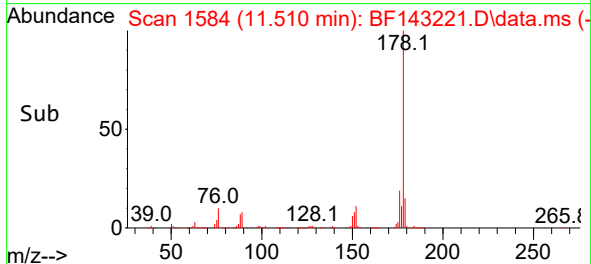
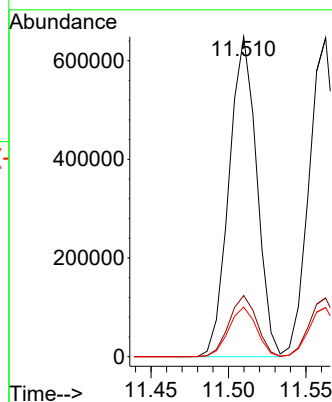
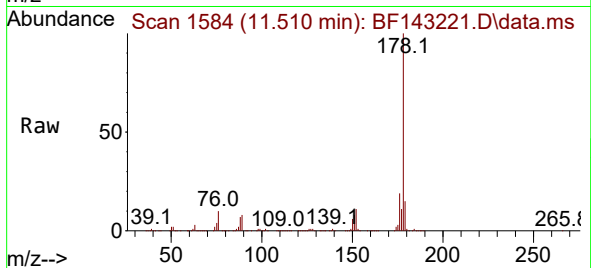
Tgt Ion:178 Resp: 805603

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.5 18.7



#72

Anthracene

Concen: 38.563 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

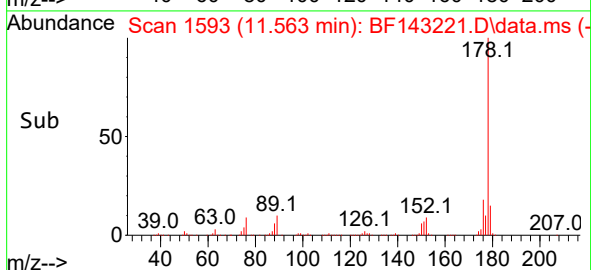
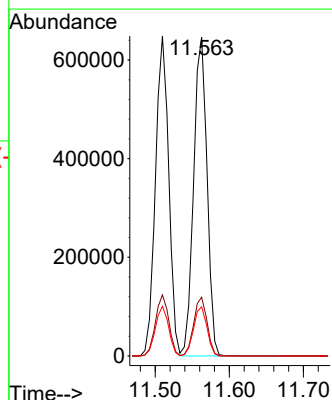
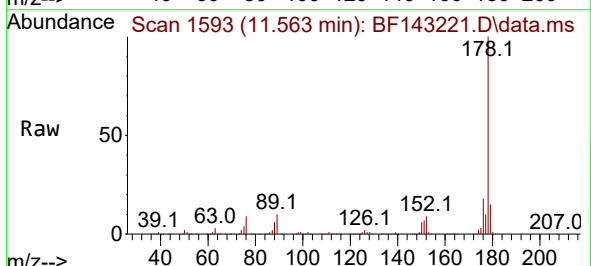
Tgt Ion:178 Resp: 810907

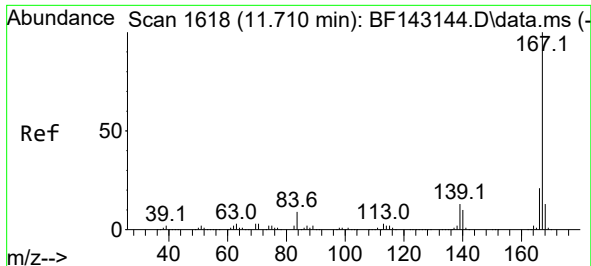
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

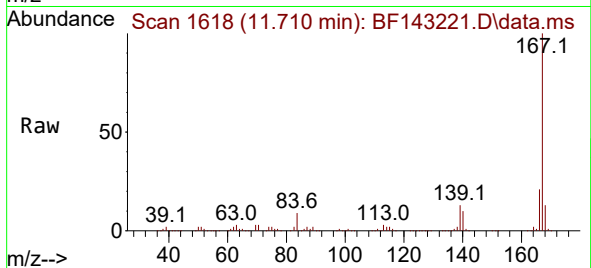
179 15.4 12.5 18.7



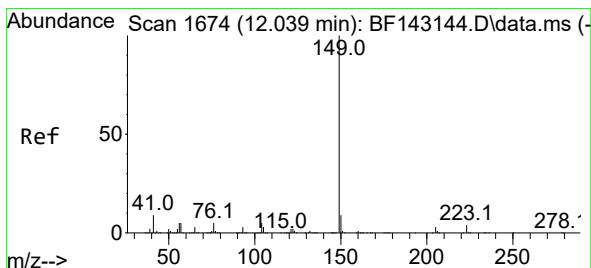
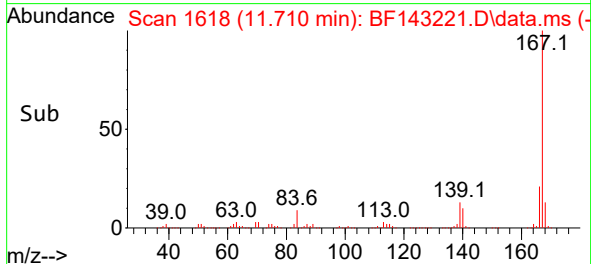
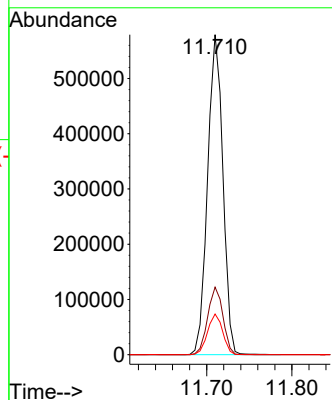


#73
 Carbazole
 Concen: 39.296 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143221.D
 Acq: 23 Jul 2025 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

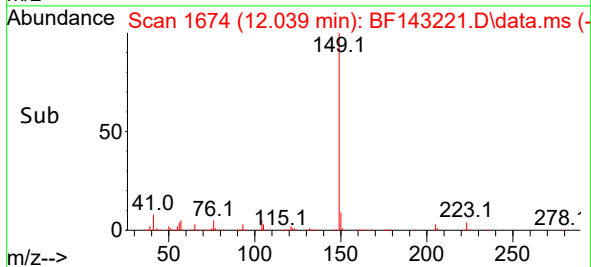
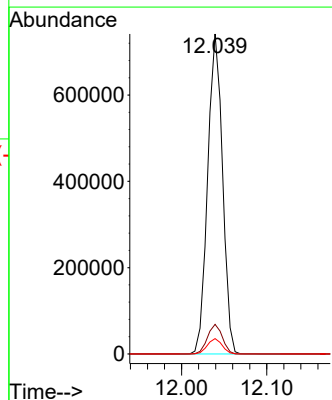
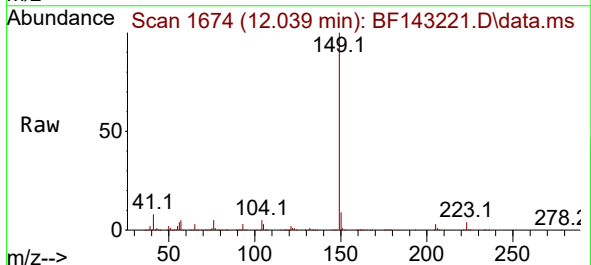


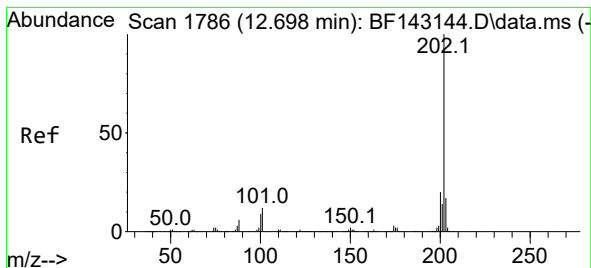
Tgt Ion:167 Resp: 721548
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 43.168 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143221.D
 Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 896871
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 40.515 ng

RT: 12.698 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

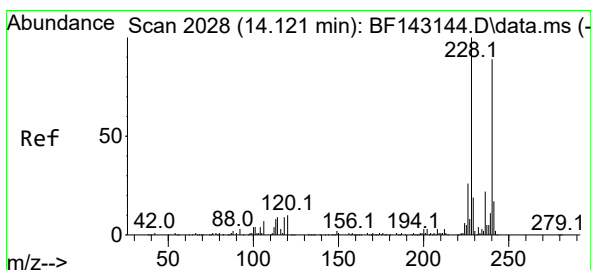
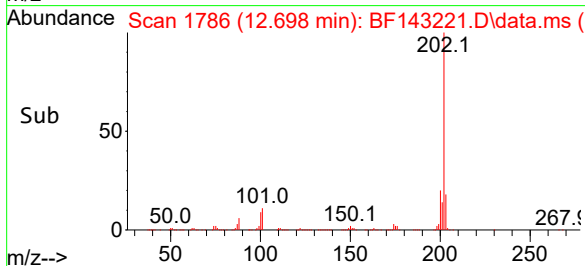
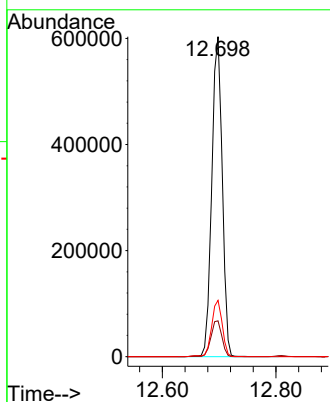
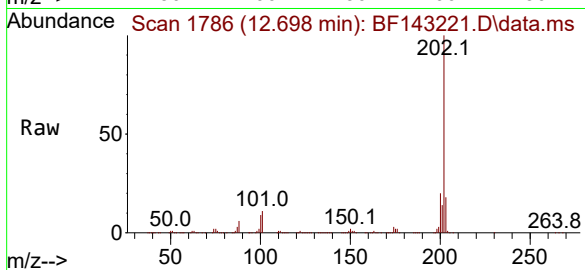
Tgt Ion:202 Resp: 766728

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.7

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

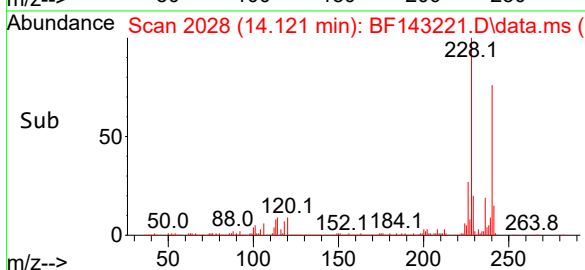
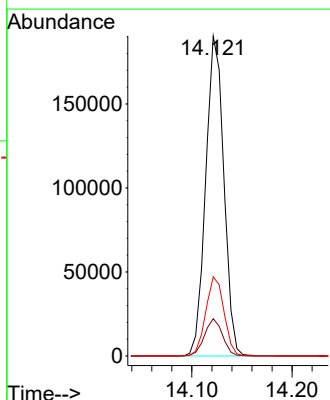
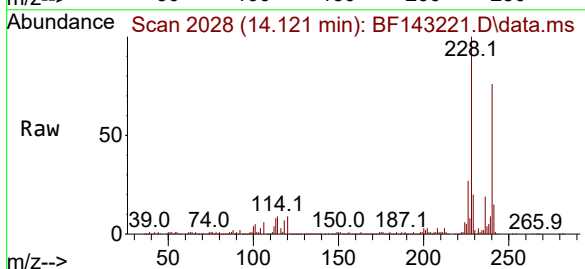
Tgt Ion:240 Resp: 239918

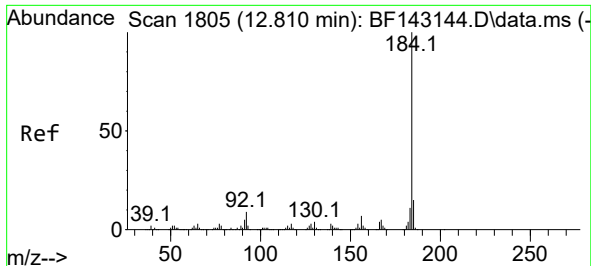
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 24.7 20.2 30.4

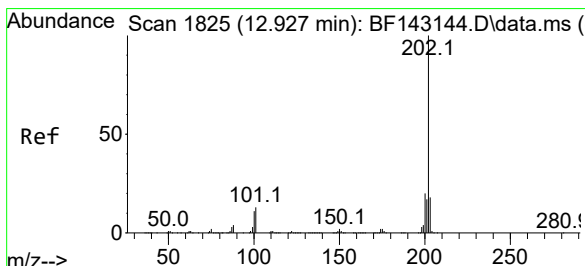
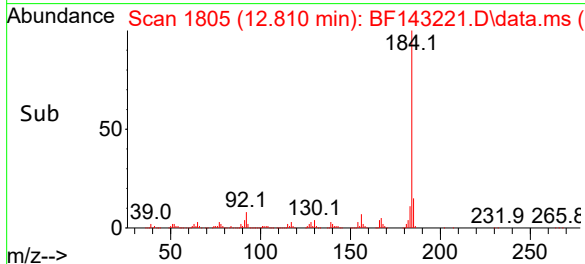
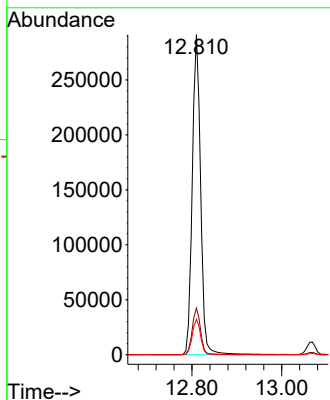
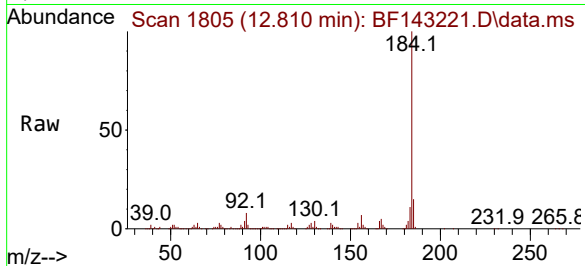




#77
Benzidine
Concen: 40.589 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

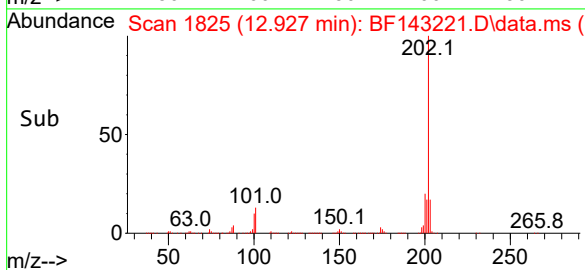
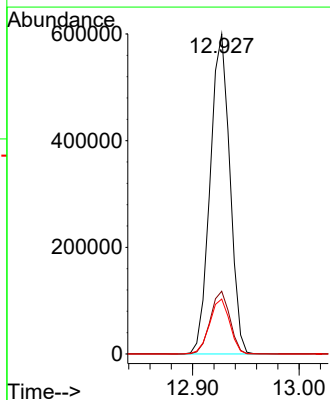
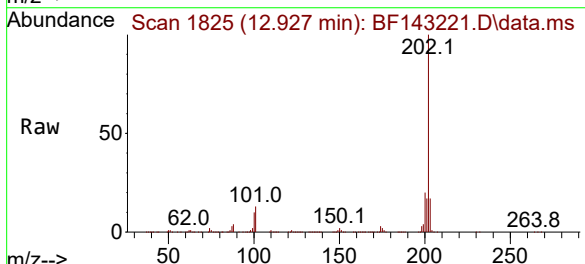
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

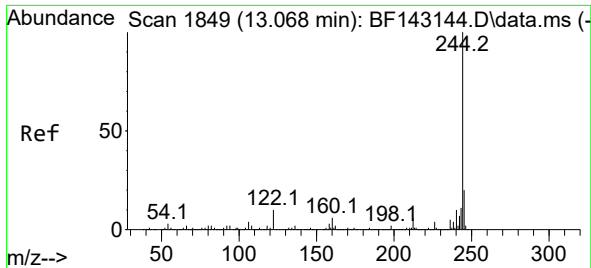
Tgt Ion:184 Resp: 375180
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 11.1 9.0 13.4



#78
Pyrene
Concen: 37.639 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:202 Resp: 770682
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.1 14.2 21.2



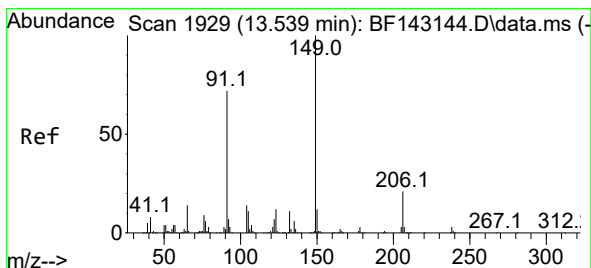
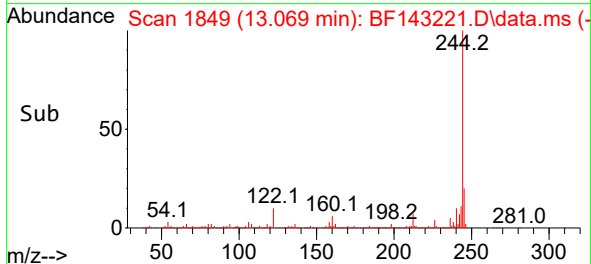
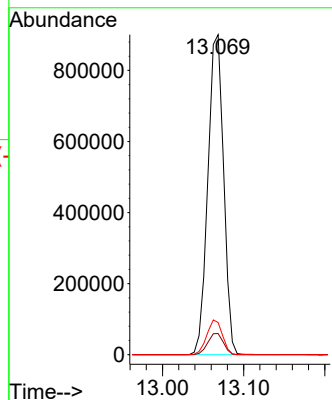
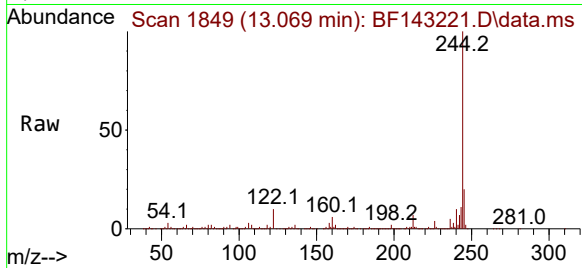


#79
 Terphenyl-d14
 Concen: 75.002 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143221.D
 Acq: 23 Jul 2025 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:244 Resp: 1209203

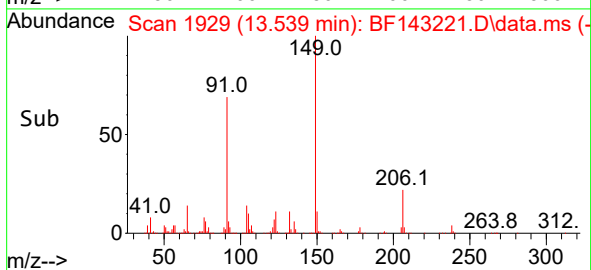
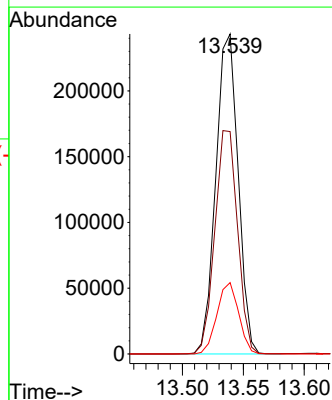
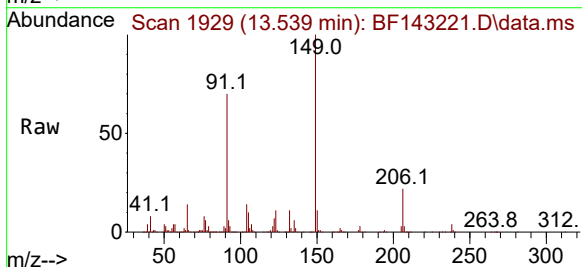
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.1	8.2	12.2

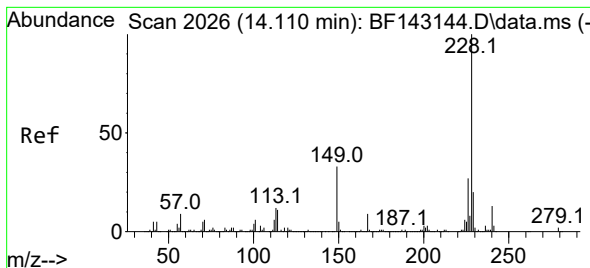


#80
 Butylbenzylphthalate
 Concen: 49.505 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143221.D
 Acq: 23 Jul 2025 19:54

Tgt Ion:149 Resp: 310396

Ion	Ratio	Lower	Upper
149	100		
91	69.5	57.9	86.9
206	22.3	17.0	25.4





#81

Benzo(a)anthracene

Concen: 39.837 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

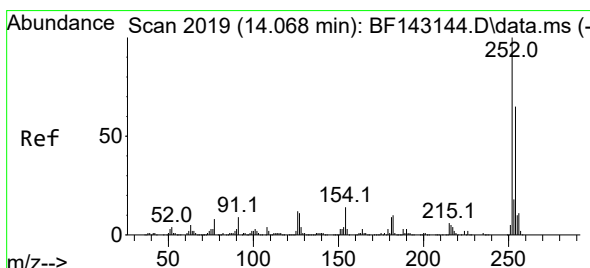
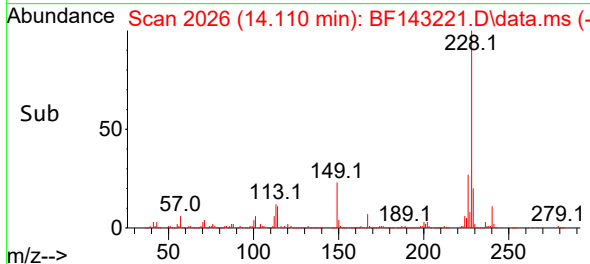
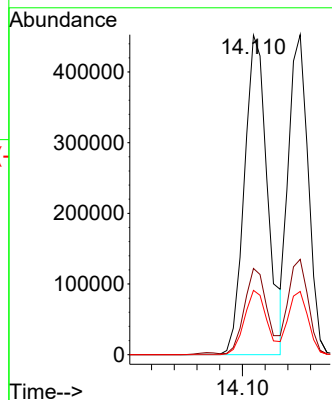
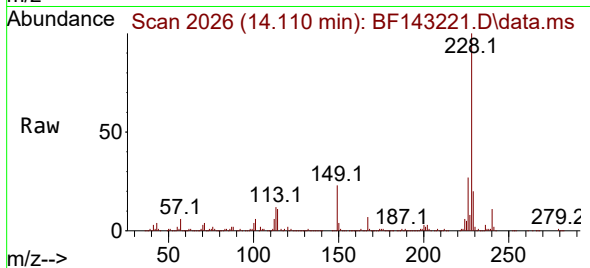
Tgt Ion:228 Resp: 639877

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 20.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 39.606 ng

RT: 14.068 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

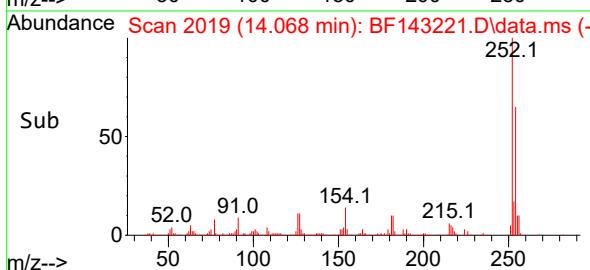
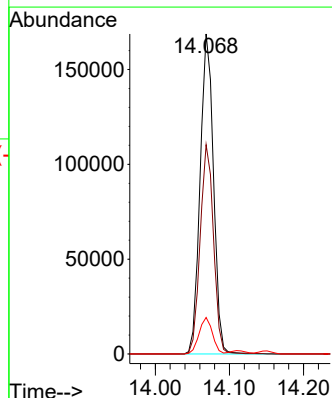
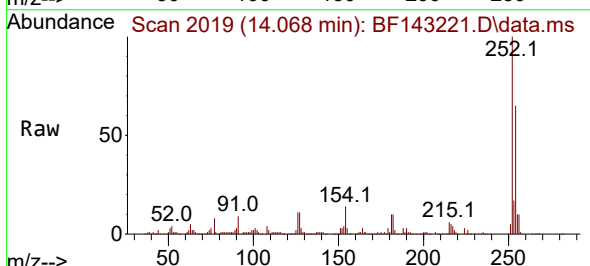
Tgt Ion:252 Resp: 212028

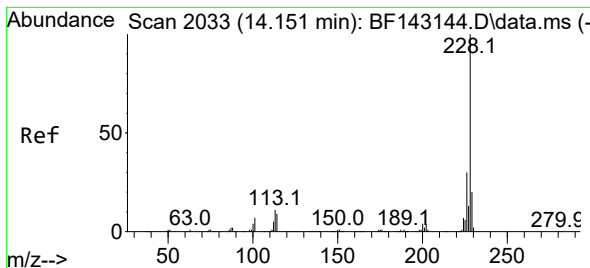
Ion Ratio Lower Upper

252 100

254 65.4 51.7 77.5

126 11.4 9.4 14.0





#83

Chrysene

Concen: 37.622 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

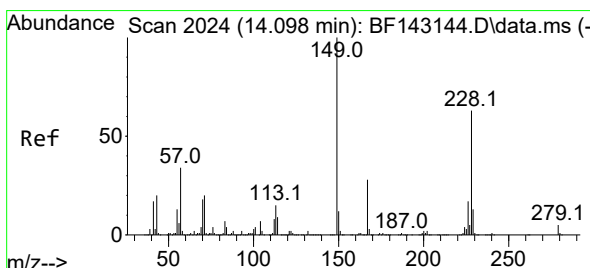
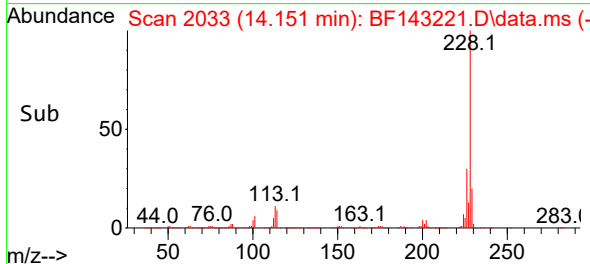
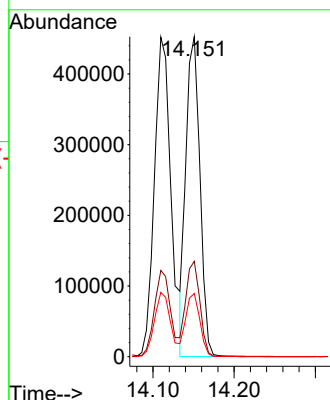
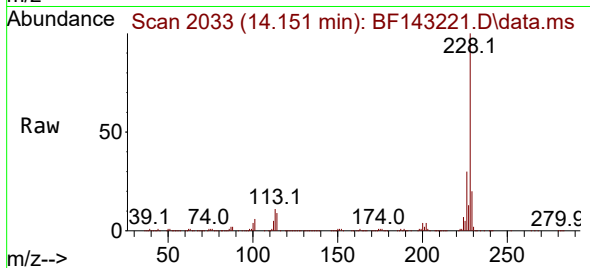
Tgt Ion:228 Resp: 543320

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.678 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

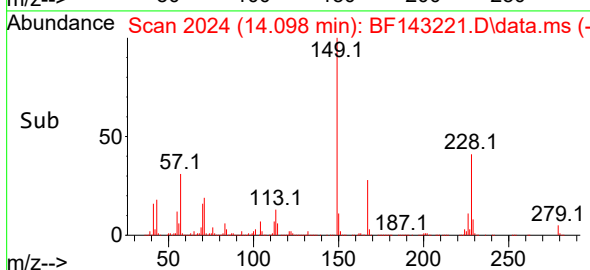
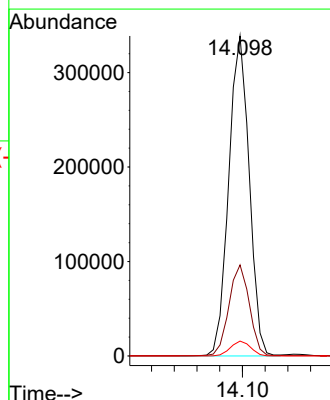
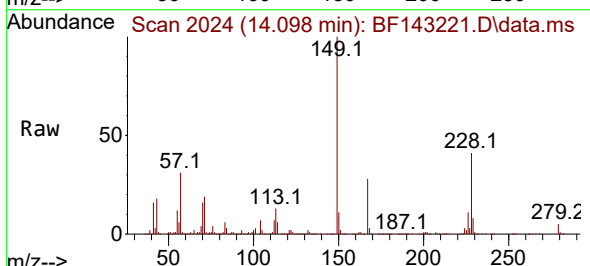
Tgt Ion:149 Resp: 424006

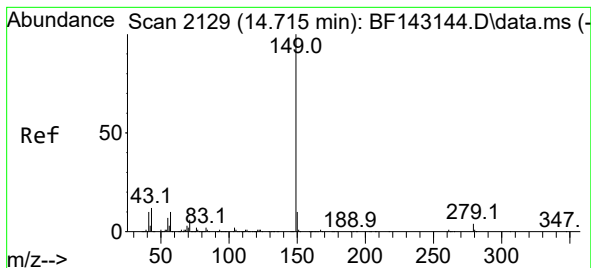
Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 40.789 ng

RT: 14.710 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

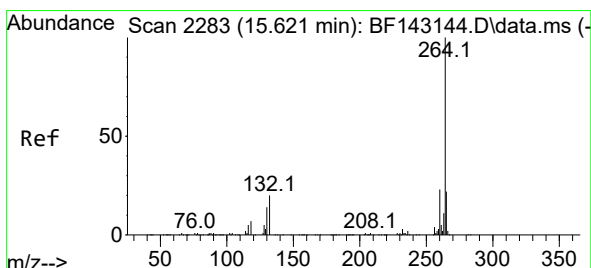
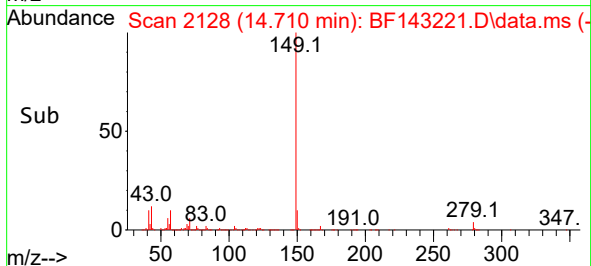
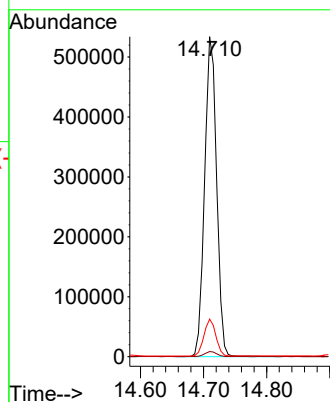
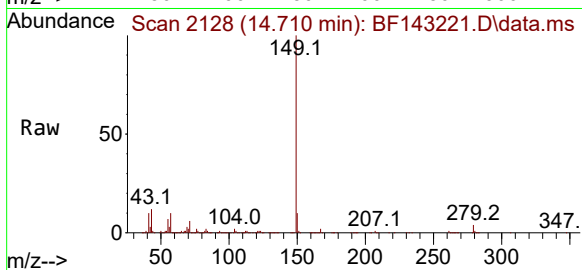
Tgt Ion:149 Resp: 701660

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.4 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

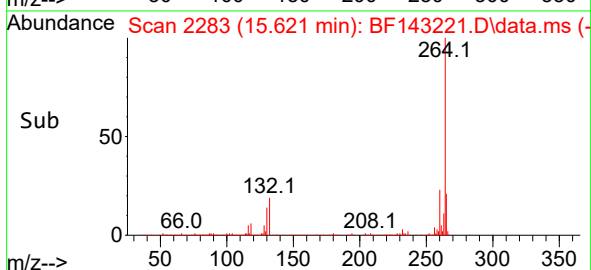
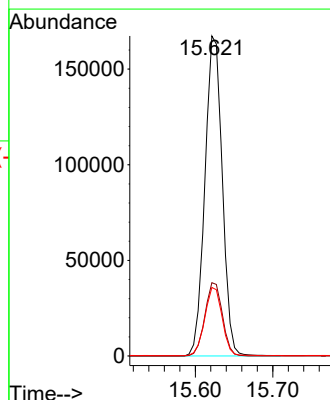
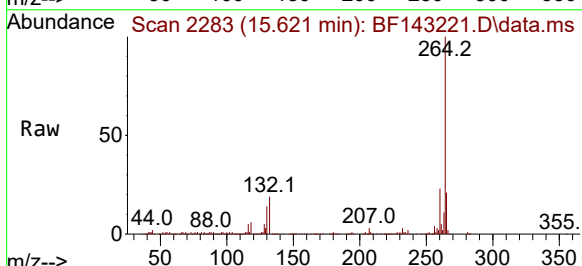
Tgt Ion:264 Resp: 260552

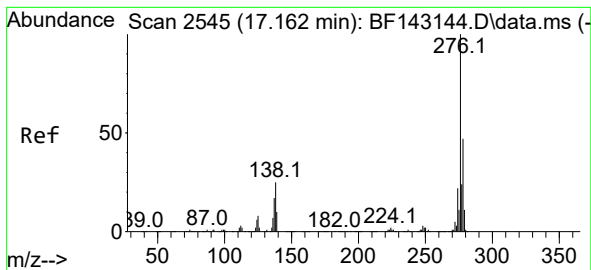
Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.648 ng

RT: 17.168 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

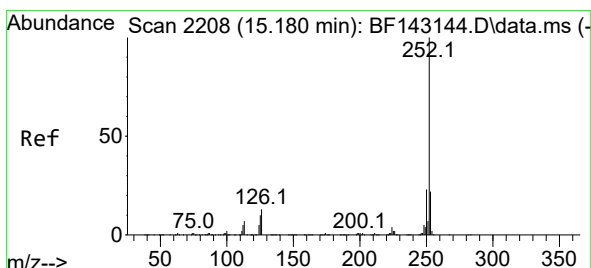
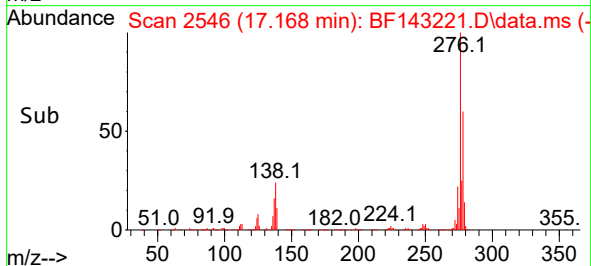
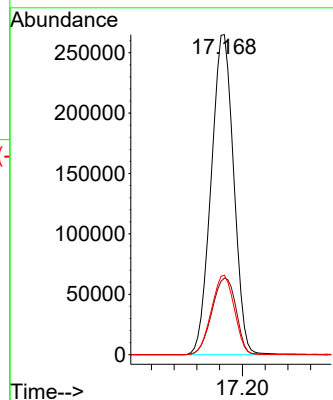
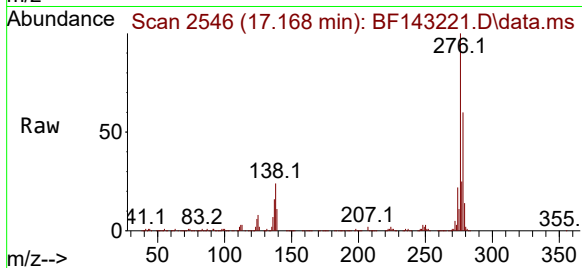
Tgt Ion:276 Resp: 728424

Ion Ratio Lower Upper

276 100

138 25.8 21.8 32.6

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.763 ng

RT: 15.180 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF143221.D

Acq: 23 Jul 2025 19:54

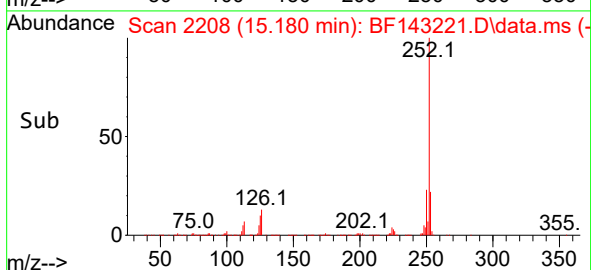
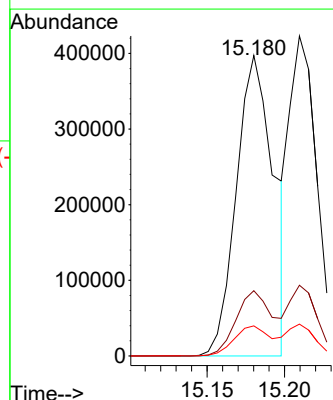
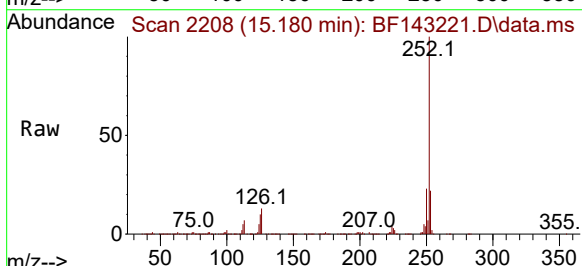
Tgt Ion:252 Resp: 664764

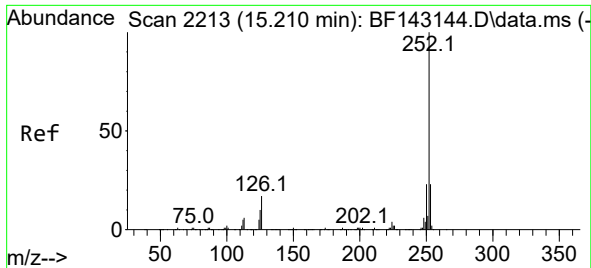
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.0 8.0 12.0

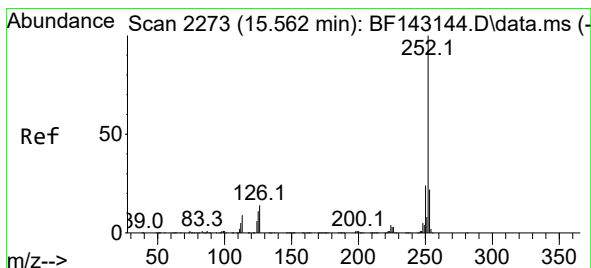
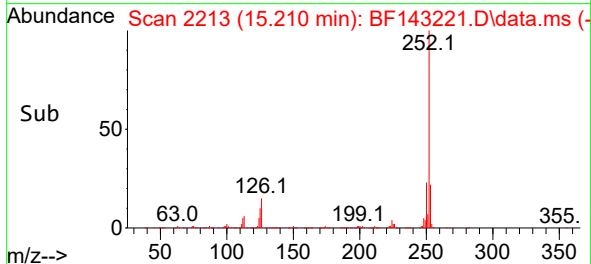
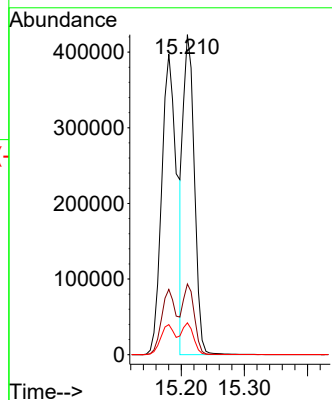
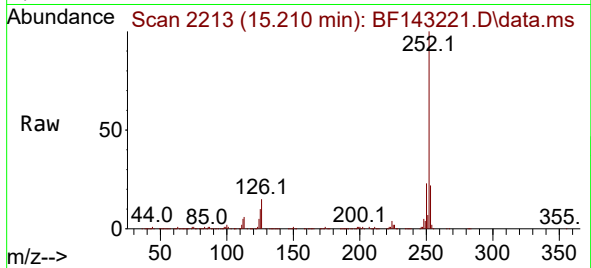




#89
Benzo(k)fluoranthene
Concen: 36.673 ng
RT: 15.210 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

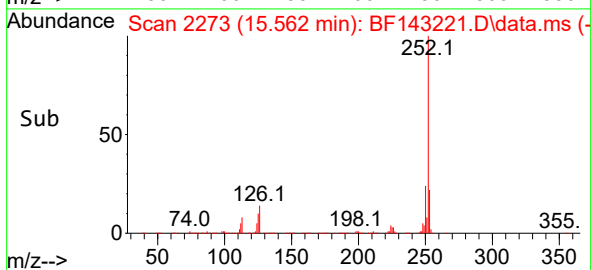
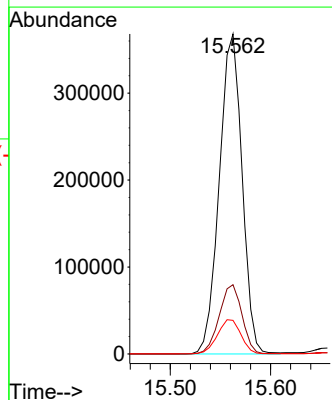
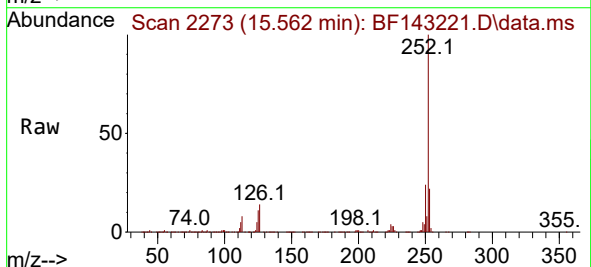
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

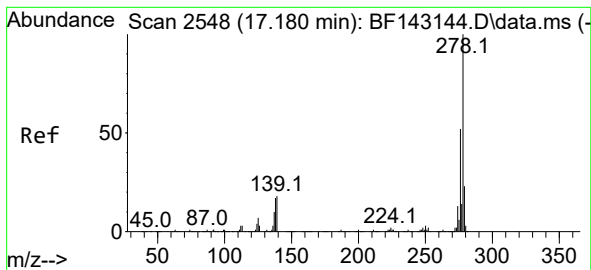
Tgt Ion:252 Resp: 520903
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.9 8.1 12.1



#90
Benzo(a)pyrene
Concen: 39.494 ng
RT: 15.562 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:252 Resp: 579199
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.5 8.6 13.0

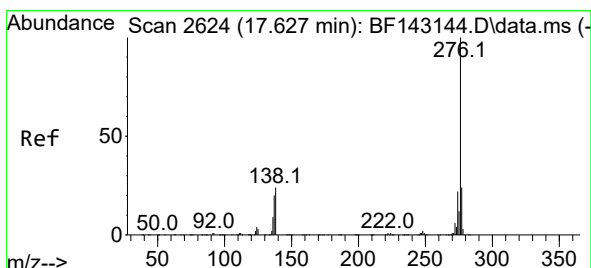
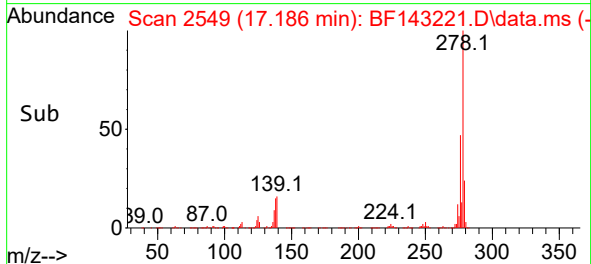
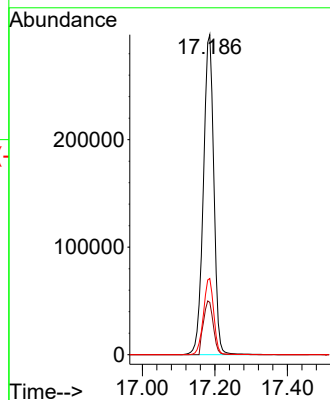
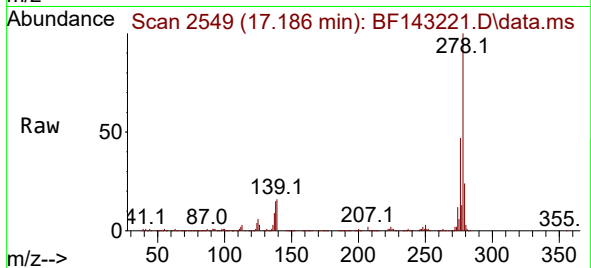




#91
Dibenzo(a,h)anthracene
Concen: 39.899 ng
RT: 17.186 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 596645
Ion Ratio Lower Upper
278 100
139 16.3 14.1 21.1
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 40.478 ng
RT: 17.633 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF143221.D
Acq: 23 Jul 2025 19:54

Tgt Ion:276 Resp: 585525
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 22.0 18.9 28.3

