

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
 Data File : BF143321.D
 Acq On : 06 Aug 2025 10:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 06 11:02:45 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	93994	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	362759	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	183910	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	288255	20.000	ng	0.00
76) Chrysene-d12	14.127	240	185364	20.000	ng	0.00
86) Perylene-d12	15.639	264	207436	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	463592	78.049	ng	0.00
7) Phenol-d6	6.592	99	573204	76.670	ng	0.00
23) Nitrobenzene-d5	7.522	82	577049	79.293	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	139957	73.666	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1030626	76.641	ng	0.00
79) Terphenyl-d14	13.068	244	919477	73.816	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	111551	39.690	ng	99
3) Pyridine	3.575	79	276891	37.957	ng	98
4) n-Nitrosodimethylamine	3.510	42	141254	37.504	ng	98
6) Aniline	6.622	93	399704	38.361	ng	97
8) 2-Chlorophenol	6.751	128	244056	39.199	ng	97
9) Benzaldehyde	6.516	77	246229	43.922	ng	99
10) Phenol	6.604	94	328280	40.306	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	244187	39.157	ng	99
12) 1,3-Dichlorobenzene	6.904	146	266162	39.353	ng	99
13) 1,4-Dichlorobenzene	6.981	146	267431	39.263	ng	99
14) 1,2-Dichlorobenzene	7.134	146	256308	39.564	ng	99
15) Benzyl Alcohol	7.098	79	216883	37.993	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	460159	39.778	ng	99
17) 2-Methylphenol	7.210	107	198894	37.993	ng	99
18) Hexachloroethane	7.481	117	93642	39.713	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	179335	37.389	ng	99
20) 3+4-Methylphenols	7.363	107	242334	38.154	ng	# 76
22) Acetophenone	7.369	105	323684	37.689	ng	# 98
24) Nitrobenzene	7.539	77	264947	39.050	ng	99
25) Isophorone	7.781	82	489357	38.091	ng	98
26) 2-Nitrophenol	7.857	139	129917	44.120	ng	99
27) 2,4-Dimethylphenol	7.892	122	223310	37.204	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	302434	39.263	ng	100
29) 2,4-Dichlorophenol	8.098	162	192730	38.075	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	213229	38.992	ng	100
31) Naphthalene	8.269	128	691059	38.681	ng	99
32) Benzoic acid	7.981	122	97383	30.873	ng	98
33) 4-Chloroaniline	8.310	127	279406	38.302	ng	99
34) Hexachlorobutadiene	8.386	225	131684	39.419	ng	100
35) Caprolactam	8.669	113	59113	38.646	ng	95
36) 4-Chloro-3-methylphenol	8.786	107	207498	37.714	ng	100
37) 2-Methylnaphthalene	8.957	142	421258	38.749	ng	99
38) 1-Methylnaphthalene	9.057	142	436164	38.961	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	212536	40.028	ng	99
41) Hexachlorocyclopentadiene	9.116	237	143236	41.459	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	132710	36.114	ng	98

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 QLast Update : Thu Jul 17 15:14:05 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	136570	37.153	ng	99
46) 1,1'-Biphenyl	9.422	154	567447	39.547	ng	99
47) 2-Chloronaphthalene	9.445	162	413869	38.982	ng	99
48) 2-Nitroaniline	9.533	65	134122	40.284	ng	99
49) Acenaphthylene	9.863	152	686323	38.574	ng	100
50) Dimethylphthalate	9.716	163	469788	39.189	ng	99
51) 2,6-Dinitrotoluene	9.775	165	99430	40.772	ng	98
52) Acenaphthene	10.033	154	416251	39.582	ng	98
53) 3-Nitroaniline	9.945	138	108737	38.121	ng	97
54) 2,4-Dinitrophenol	10.051	184	49412	47.646	ng	# 1
55) Dibenzofuran	10.204	168	598340	38.323	ng	99
56) 4-Nitrophenol	10.104	139	78987	37.083	ng	96
57) 2,4-Dinitrotoluene	10.180	165	129259	42.248	ng	93
58) Fluorene	10.551	166	450581	38.452	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	110805	36.390	ng	97
60) Diethylphthalate	10.416	149	463326	39.103	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	229288	39.297	ng	97
62) 4-Nitroaniline	10.557	138	90634	37.074	ng	97
63) Azobenzene	10.698	77	474057	38.388	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	56266	38.449	ng	96
66) n-Nitrosodiphenylamine	10.651	169	392747	38.693	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	134598	39.182	ng	99
68) Hexachlorobenzene	11.104	284	139026	38.720	ng	98
69) Atrazine	11.180	200	116463	41.618	ng	99
70) Pentachlorophenol	11.292	266	101308	47.978	ng	98
71) Phenanthrene	11.510	178	589471	38.514	ng	100
72) Anthracene	11.563	178	611080	39.147	ng	100
73) Carbazole	11.716	167	517420	37.961	ng	99
74) Di-n-butylphthalate	12.039	149	671328	43.528	ng	100
75) Fluoranthene	12.704	202	571814	40.703	ng	100
77) Benzidine	12.816	184	264896	37.092	ng	99
78) Pyrene	12.933	202	568245	35.920	ng	99
80) Butylbenzylphthalate	13.539	149	232165	47.926	ng	99
81) Benzo(a)anthracene	14.121	228	484702	39.057	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	174009	42.070	ng	98
83) Chrysene	14.157	228	434264	38.920	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	326539	44.535	ng	100
85) Di-n-octyl phthalate	14.715	149	544595	40.976	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.186	276	478421	32.708	ng	99
88) Benzo(b)fluoranthene	15.192	252	521614	41.161	ng	99
89) Benzo(k)fluoranthene	15.221	252	410076	36.263	ng	99
90) Benzo(a)pyrene	15.574	252	457088	39.149	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	389063	32.679	ng	99
92) Benzo(g,h,i)perylene	17.650	276	376357	32.680	ng	99

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

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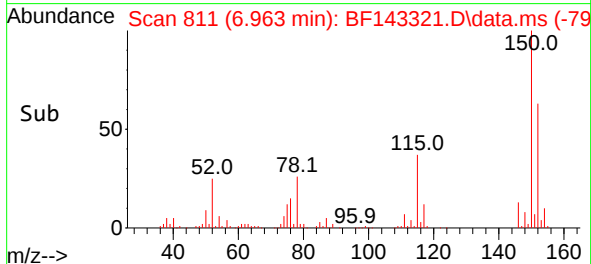
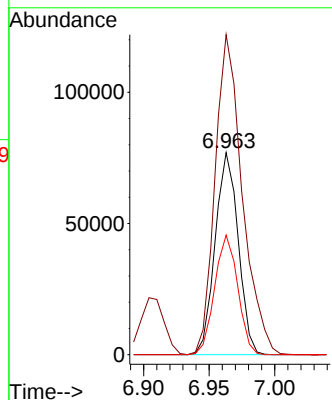
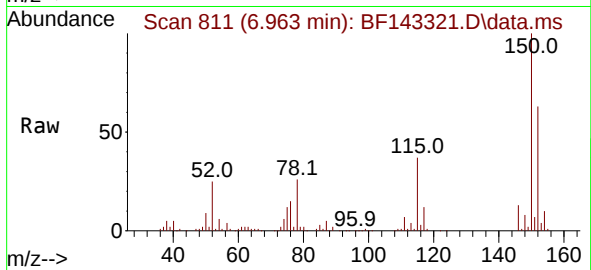




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

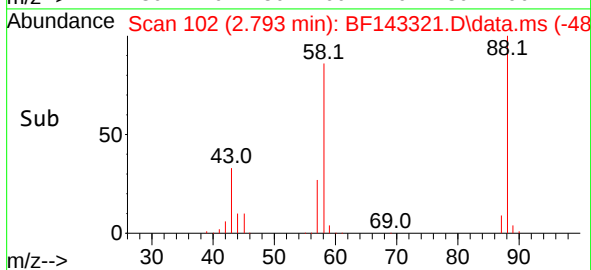
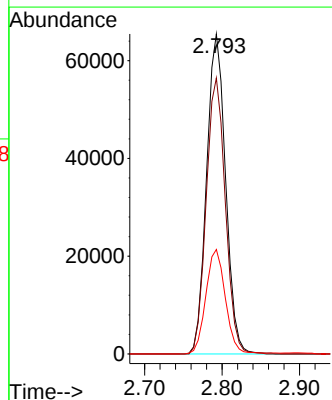
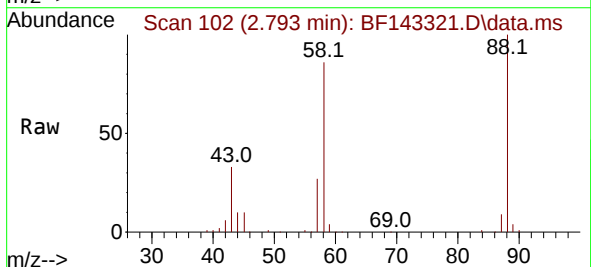
Instrument :
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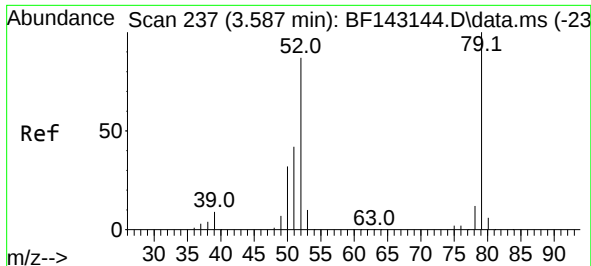
Tgt Ion:152 Resp: 93994
Ion Ratio Lower Upper
152 100
150 158.4 128.2 192.4
115 59.1 47.9 71.9



#2
1,4-Dioxane
Concen: 39.690 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion: 88 Resp: 111551
Ion Ratio Lower Upper
88 100
58 86.6 70.2 105.2
43 33.6 27.1 40.7

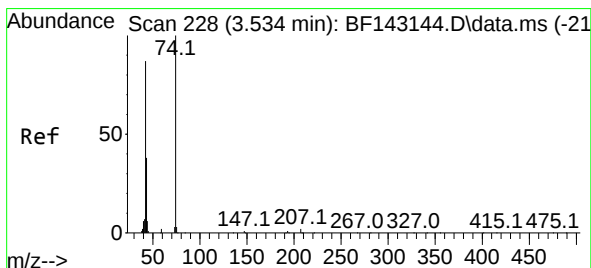
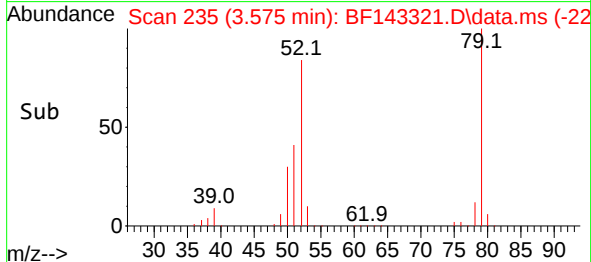
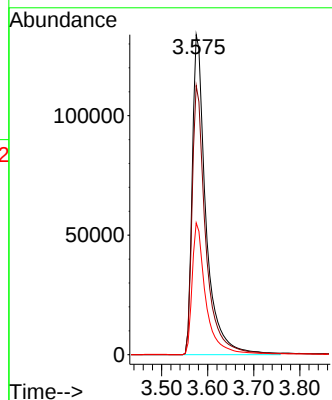
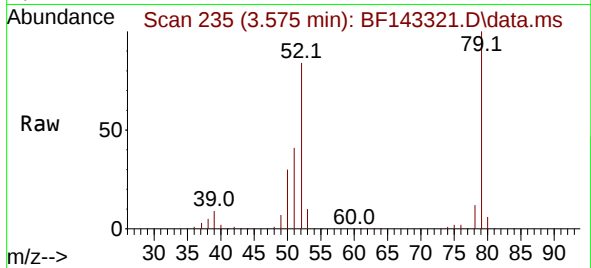




#3
Pyridine
Concen: 37.957 ng
RT: 3.575 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

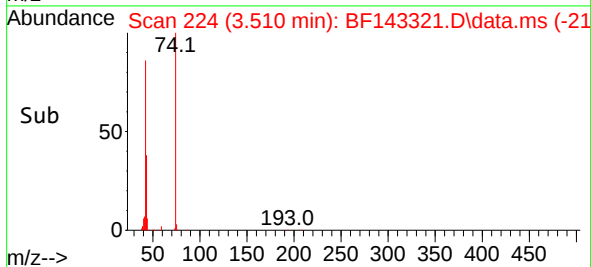
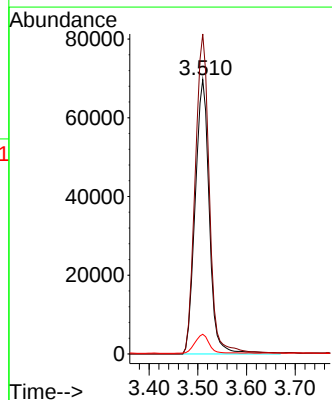
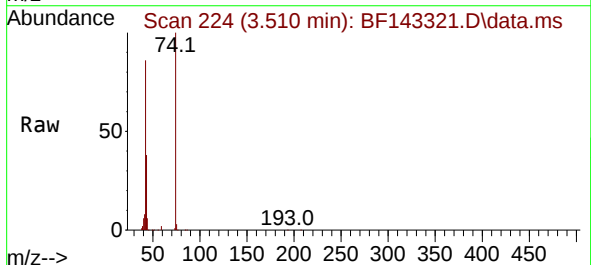
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 276891
Ion Ratio Lower Upper
79 100
52 84.1 69.4 104.2
51 41.2 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 37.504 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion: 42 Resp: 141254
Ion Ratio Lower Upper
42 100
74 116.6 91.7 137.5
44 7.2 5.6 8.4

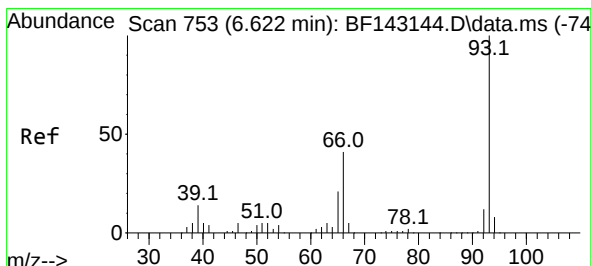
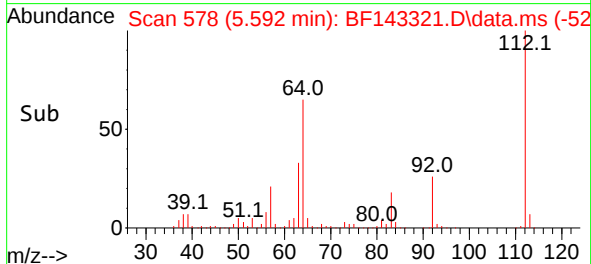
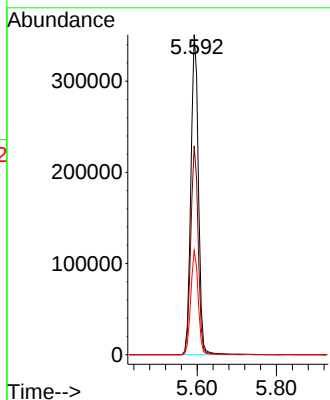
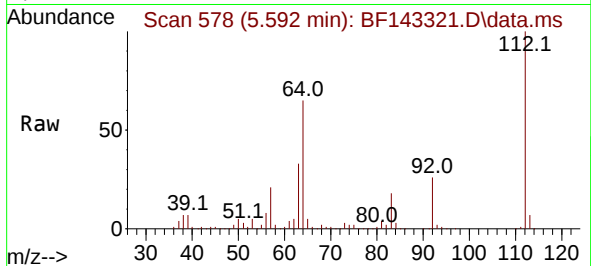




#5
2-Fluorophenol
Concen: 78.049 ng
RT: 5.592 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

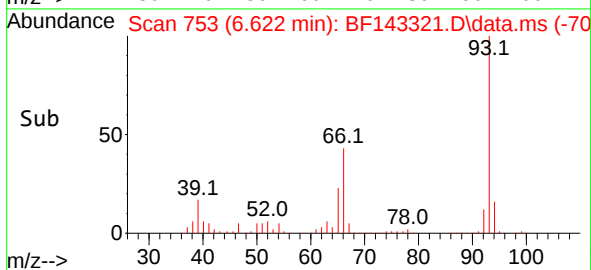
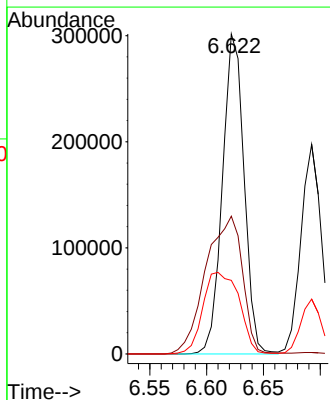
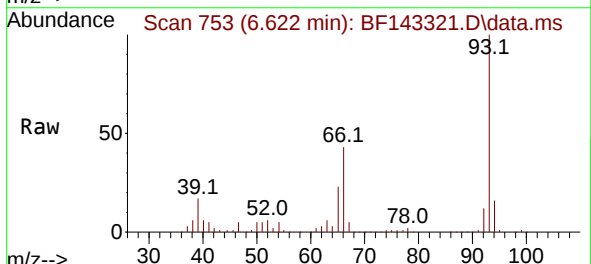
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ClientSampleId :
SSTDCCC040

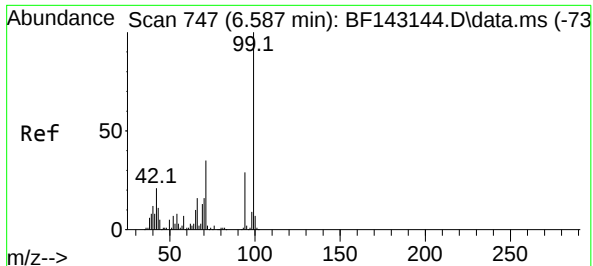
Tgt Ion:112 Resp: 463592
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 32.6 26.6 40.0



#6
Aniline
Concen: 38.361 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion: 93 Resp: 399704
Ion Ratio Lower Upper
93 100
66 43.0 33.2 49.8
65 23.0 16.9 25.3

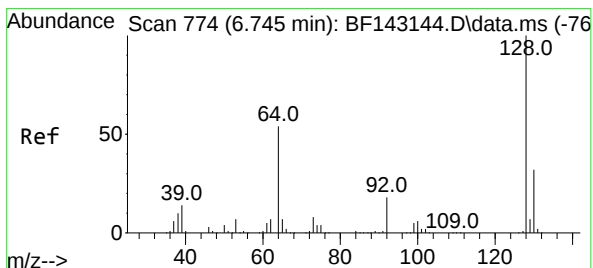
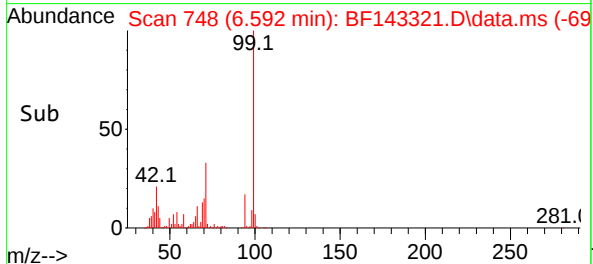
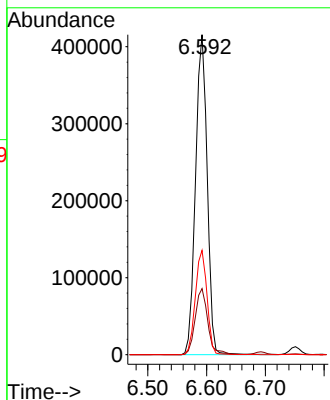
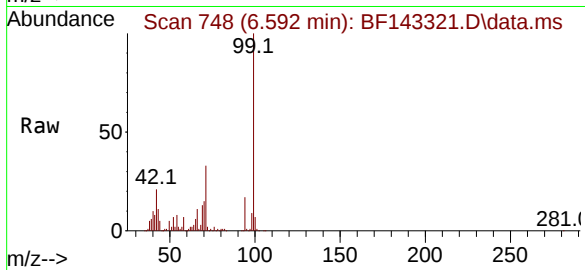




#7
Phenol-d6
Concen: 76.670 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

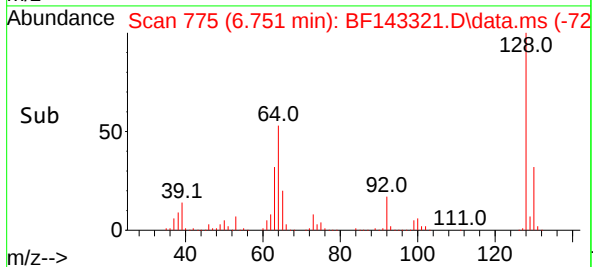
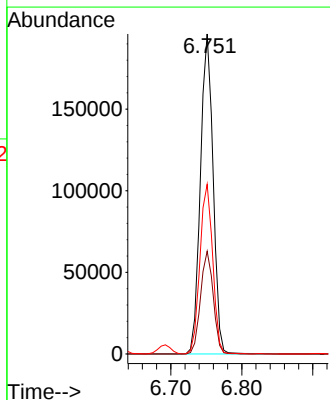
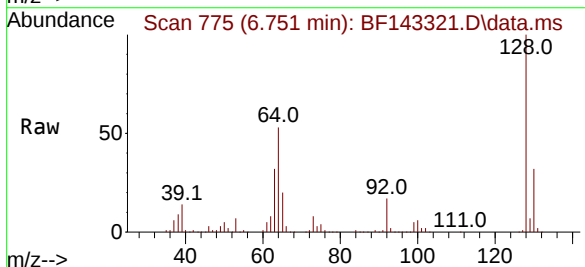
Instrument :
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ClientSampleId :
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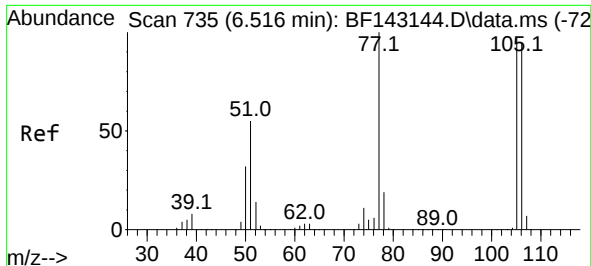
Tgt Ion: 99 Resp: 573204
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 32.6 27.7 41.5



#8
2-Chlorophenol
Concen: 39.199 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion: 128 Resp: 244056
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 53.0 35.9 75.9

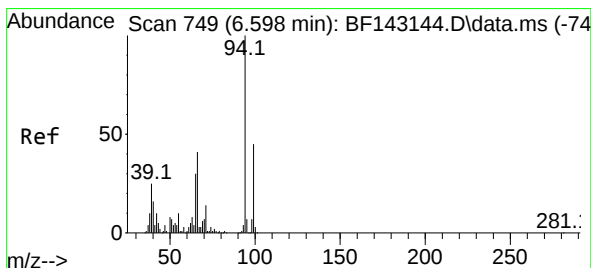
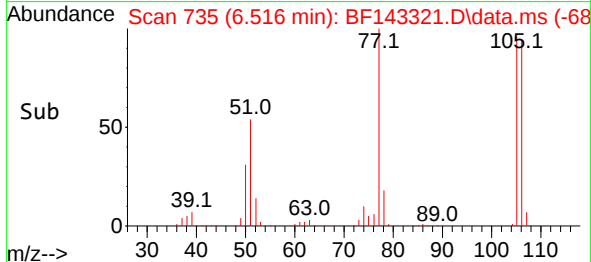
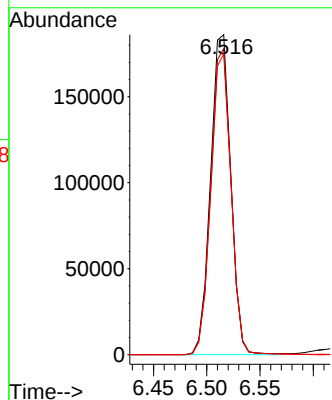
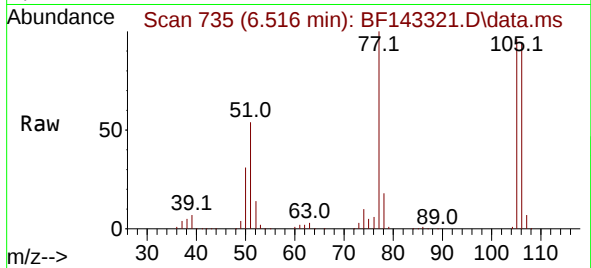




#9
Benzaldehyde
Concen: 43.922 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

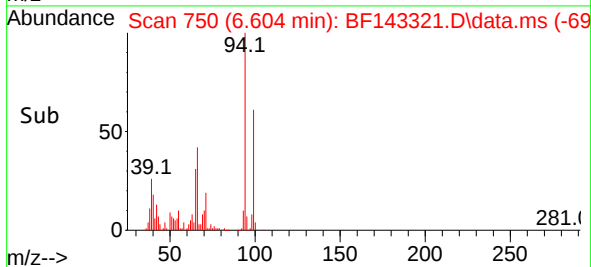
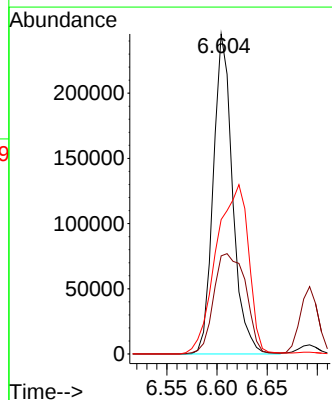
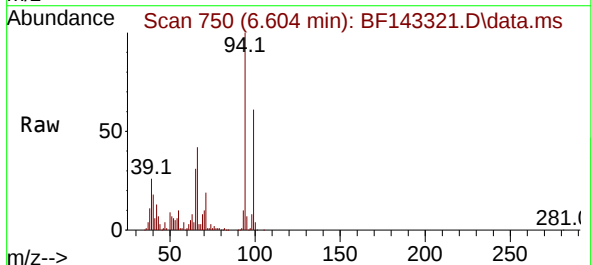
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 246229
Ion Ratio Lower Upper
77 100
105 95.6 76.8 116.8
106 94.0 74.4 114.4



#10
Phenol
Concen: 40.306 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion: 94 Resp: 328280
Ion Ratio Lower Upper
94 100
65 30.7 10.0 50.0
66 42.0 20.8 60.8

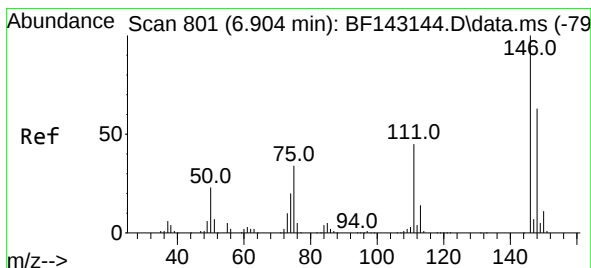
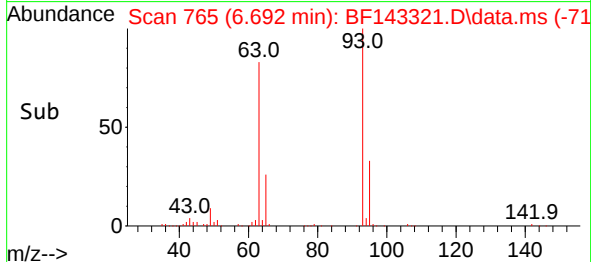
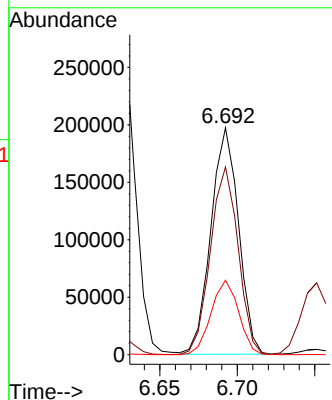
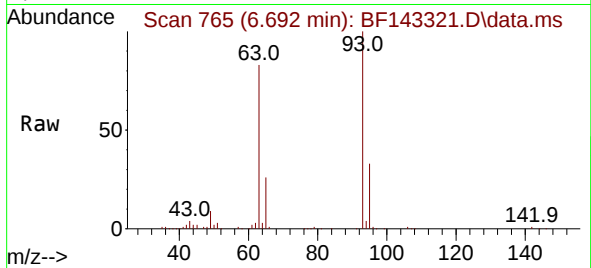




#11
bis(2-Chloroethyl)ether
Concen: 39.157 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

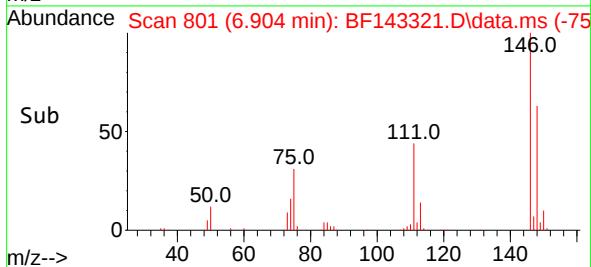
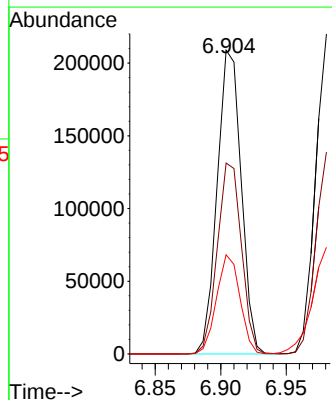
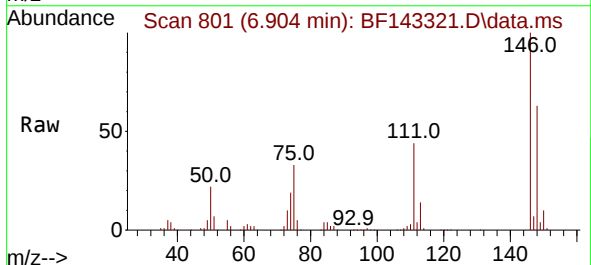
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 244187
Ion Ratio Lower Upper
93 100
63 82.7 63.4 103.4
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.353 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion: 146 Resp: 266162
Ion Ratio Lower Upper
146 100
148 62.8 50.6 76.0
75 32.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.263 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

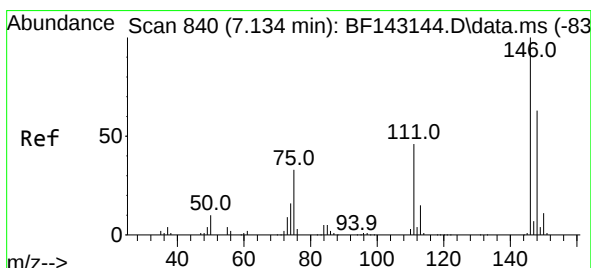
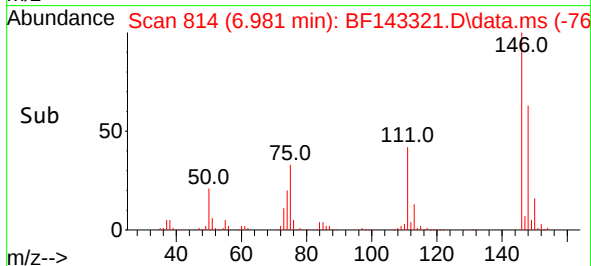
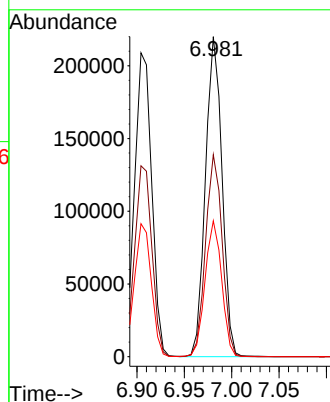
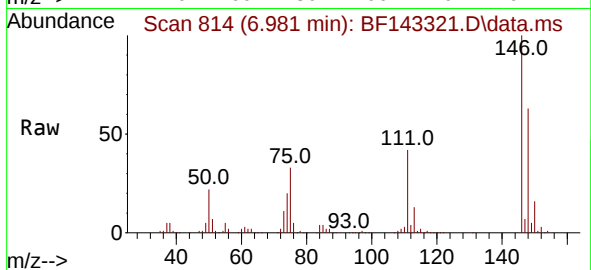
Tgt Ion:146 Resp: 267431

Ion Ratio Lower Upper

146 100

148 63.1 50.3 75.5

111 42.5 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 39.564 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

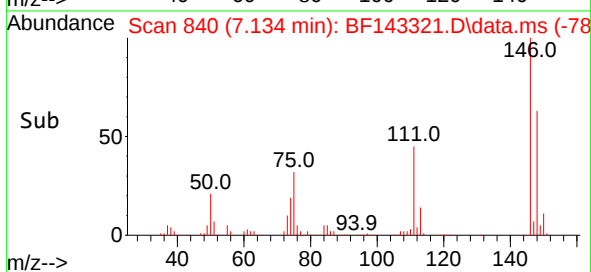
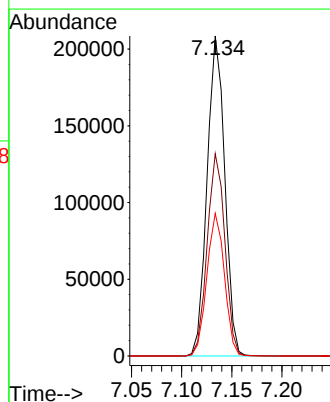
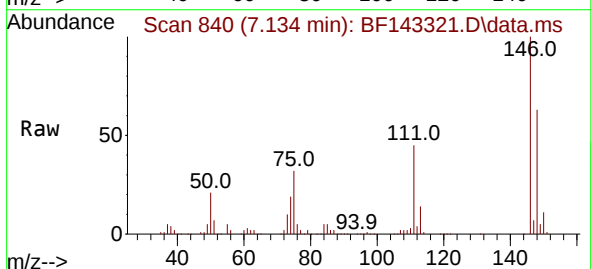
Tgt Ion:146 Resp: 256308

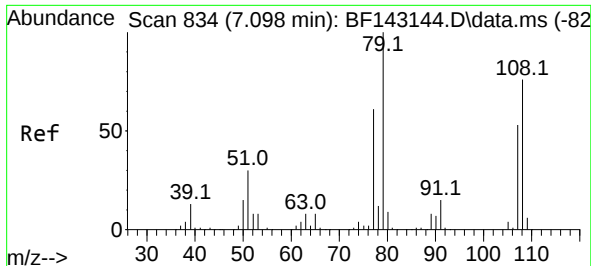
Ion Ratio Lower Upper

146 100

148 63.2 50.7 76.1

111 44.6 36.6 54.8

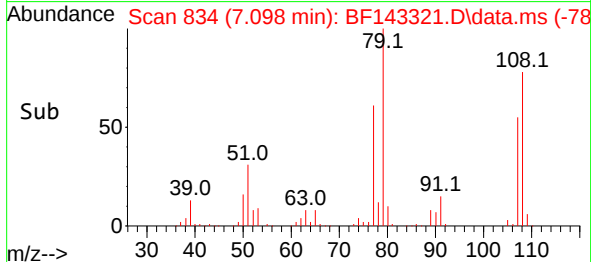
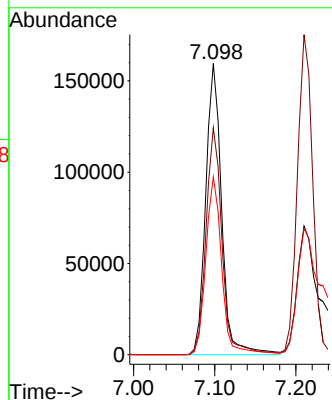
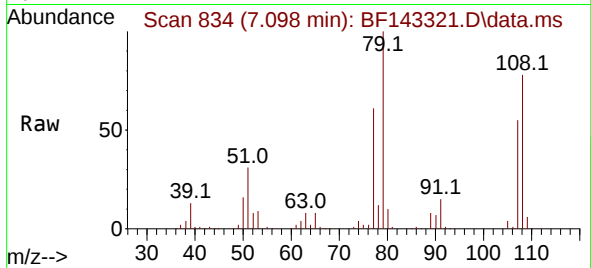




#15
Benzyl Alcohol
Concen: 37.993 ng
RT: 7.098 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

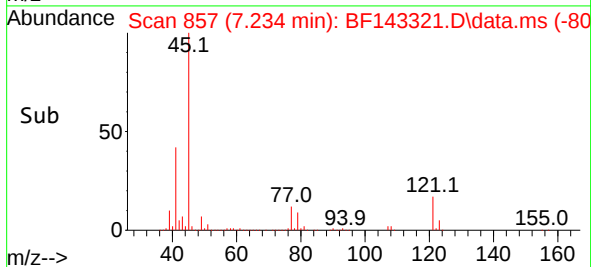
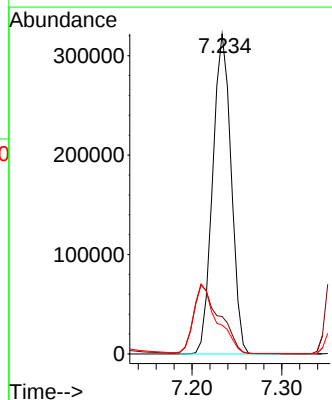
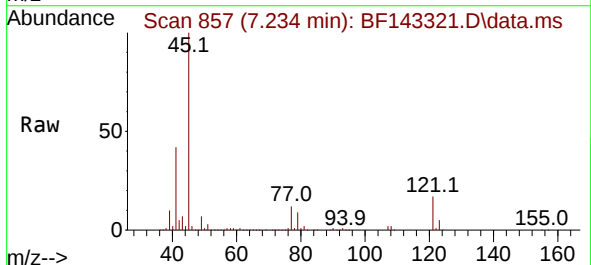
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

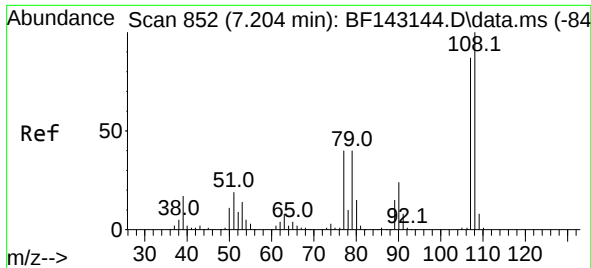
Tgt Ion: 79 Resp: 216883
Ion Ratio Lower Upper
79 100
108 77.9 61.1 91.7
77 61.0 48.9 73.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.778 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion: 45 Resp: 460159
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 9.0 0.0 28.5

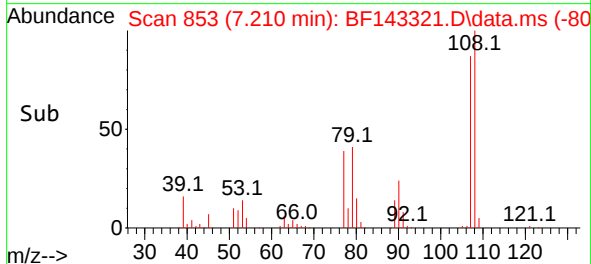
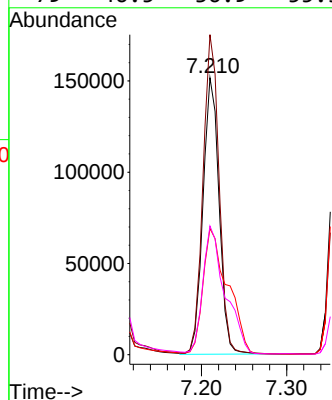
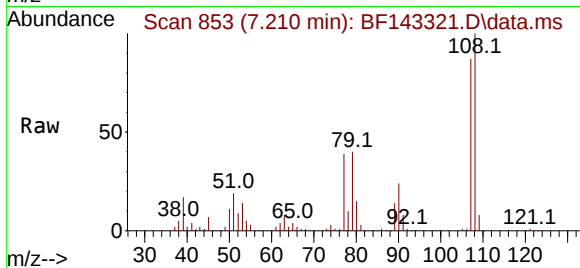




#17
2-Methylphenol
Concen: 37.993 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

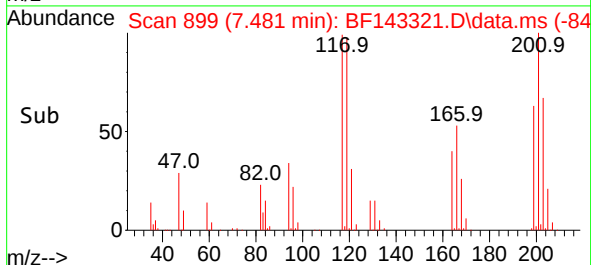
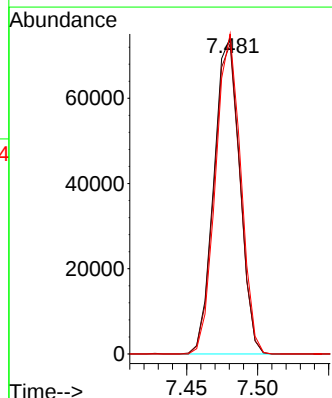
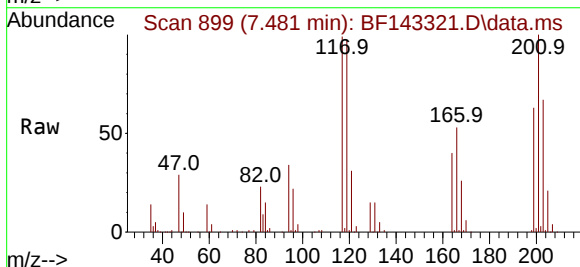
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	198894
Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.8	137.6
77	45.6	37.0	55.6
79	46.5	36.9	55.3



#18
Hexachloroethane
Concen: 39.713 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:	117	Resp:	93642
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.8	116.8
201	101.2	77.0	115.4

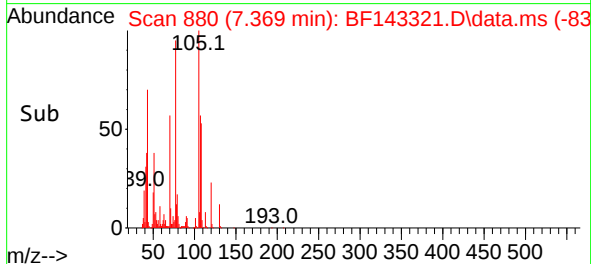
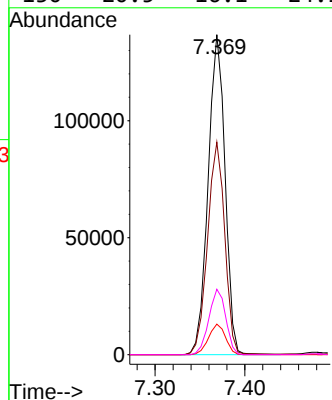
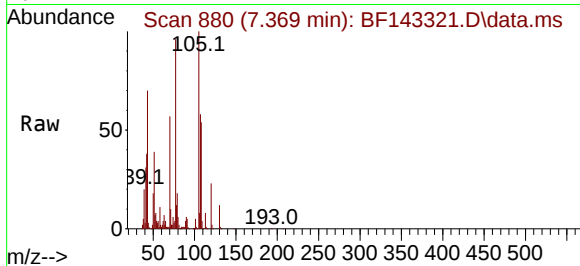




#19
n-Nitroso-di-n-propylamine
Concen: 37.389 ng
RT: 7.369 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

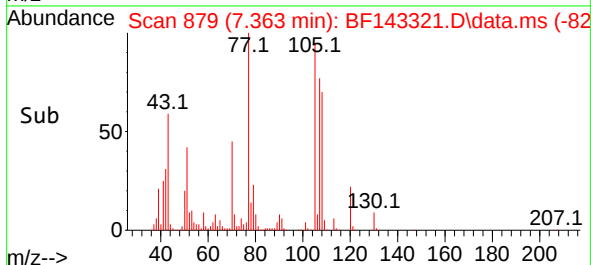
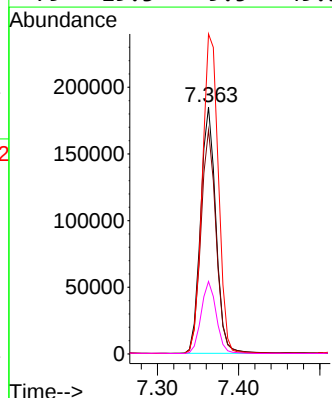
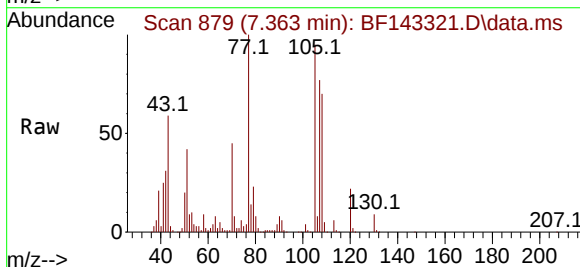
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

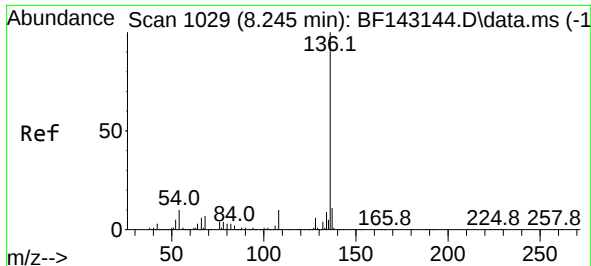
Tgt Ion:	70	Resp:	179335
Ion	Ratio	Lower	Upper
70	100		
42	66.4	52.5	78.7
101	9.5	7.6	11.4
130	20.5	16.1	24.1



#20
3+4-Methylphenols
Concen: 38.154 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:	107	Resp:	242334
Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.0	110.0
77	129.6	57.8	97.8#
79	29.3	9.5	49.5

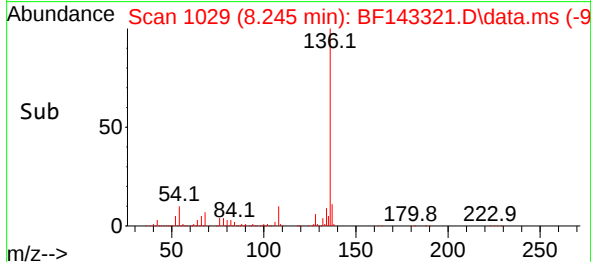
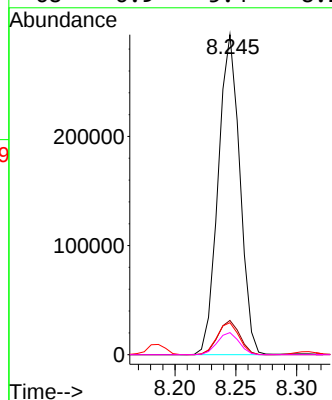
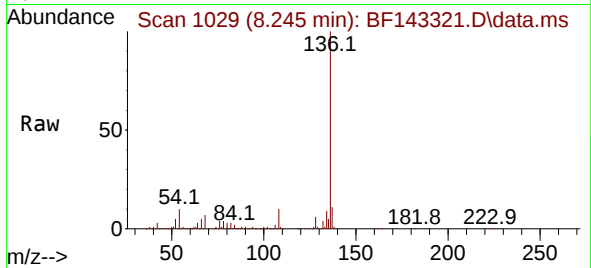




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

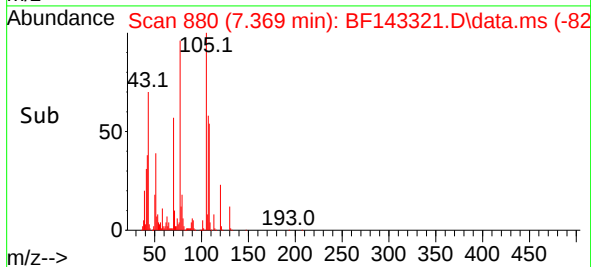
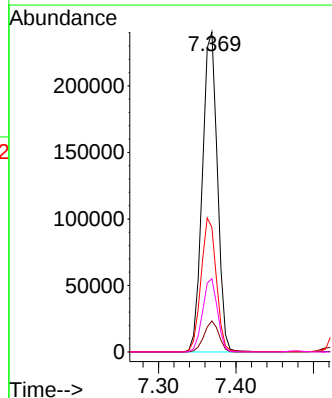
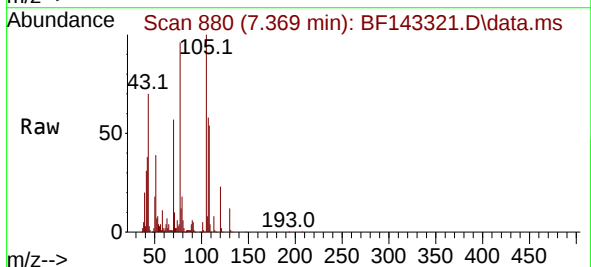
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136	Resp: 362759
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 10.0	8.2 12.2
68 6.9	5.4 8.2



#22
Acetophenone
Concen: 37.689 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt	Ion:105	Resp:	323684
Ion	Ratio	Lower	Upper
105	100		
71	9.7	5.8	8.6#
51	38.9	30.2	45.2
120	22.9	18.2	27.4





#23

Nitrobenzene-d5

Concen: 79.293 ng

RT: 7.522 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

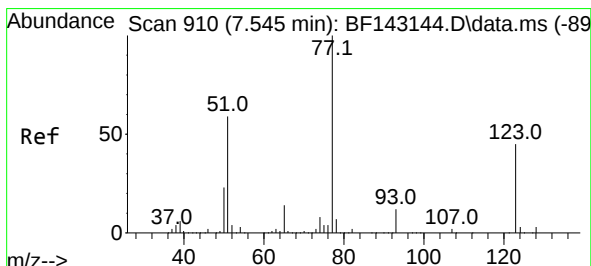
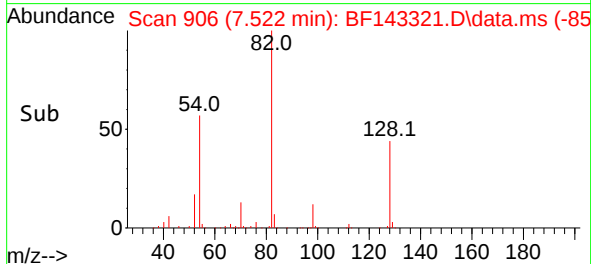
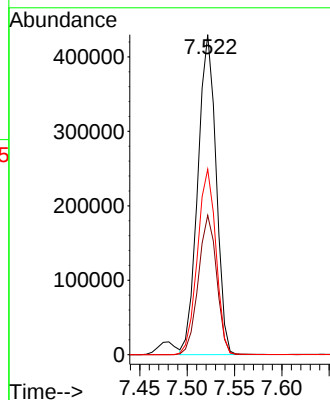
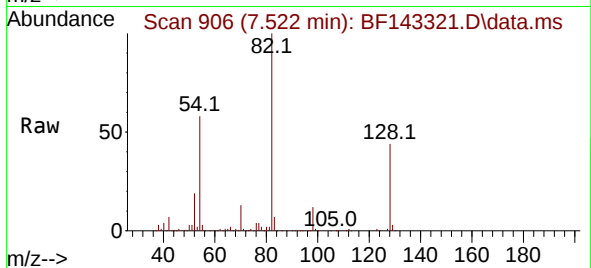
Tgt Ion: 82 Resp: 577049

Ion Ratio Lower Upper

82 100

128 43.5 33.6 50.4

54 57.9 47.1 70.7



#24

Nitrobenzene

Concen: 39.050 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

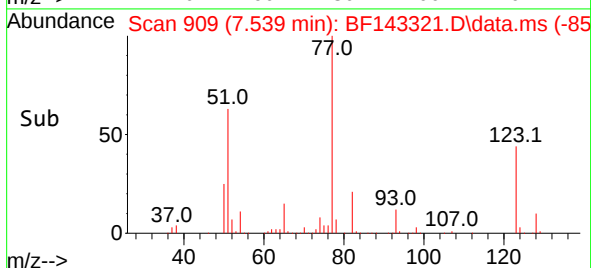
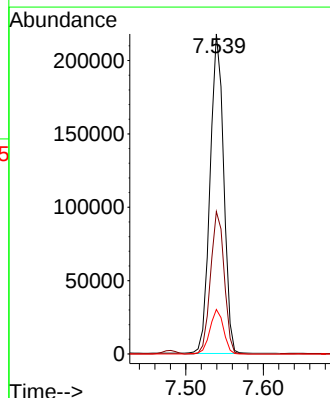
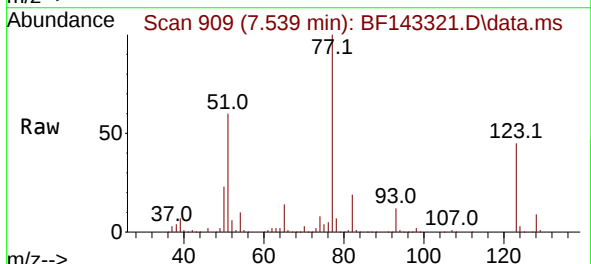
Tgt Ion: 77 Resp: 264947

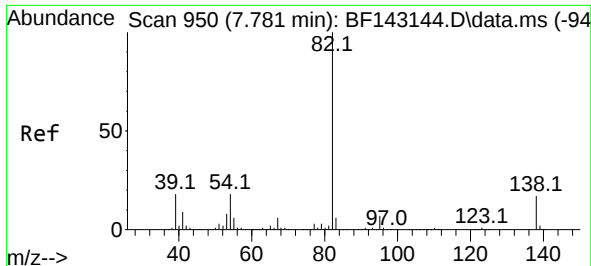
Ion Ratio Lower Upper

77 100

123 44.5 36.1 54.1

65 13.9 11.4 17.2

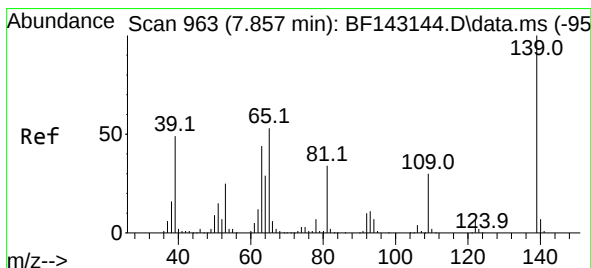
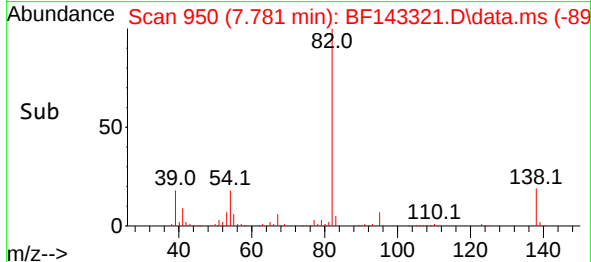
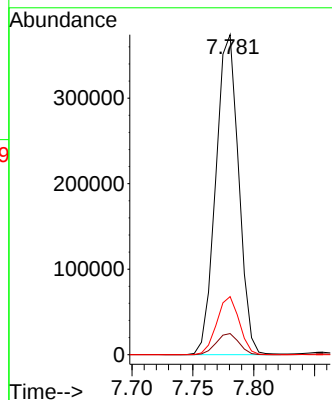
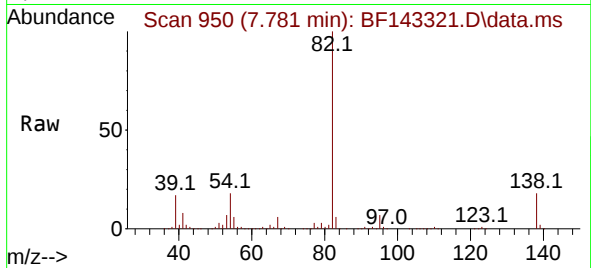




#25
Isophorone
Concen: 38.091 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

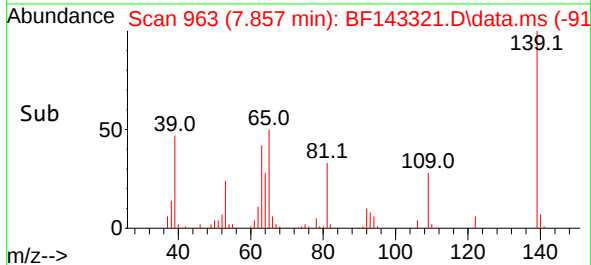
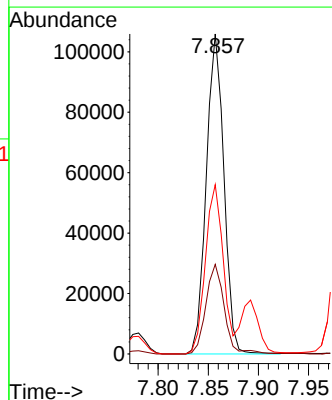
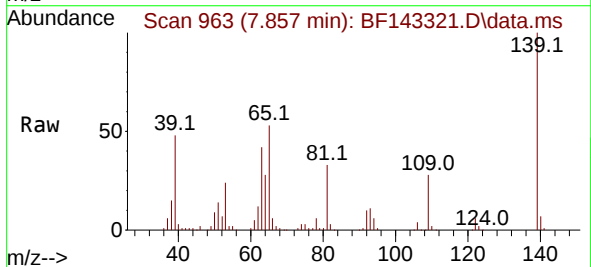
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 489357
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 18.1 13.8 20.8



#26
2-Nitrophenol
Concen: 44.120 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:139 Resp: 129917
Ion Ratio Lower Upper
139 100
109 28.0 23.6 35.4
65 52.9 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 37.204 ng

RT: 7.892 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

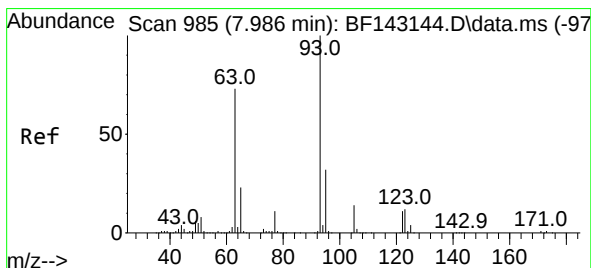
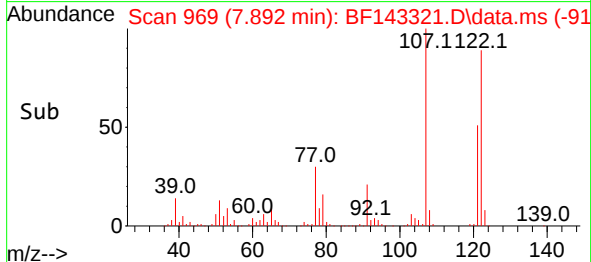
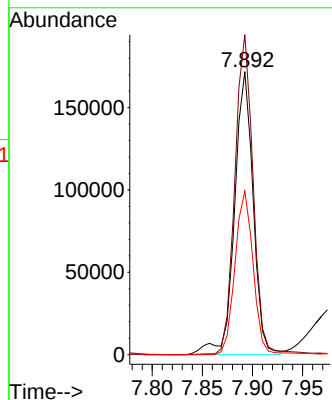
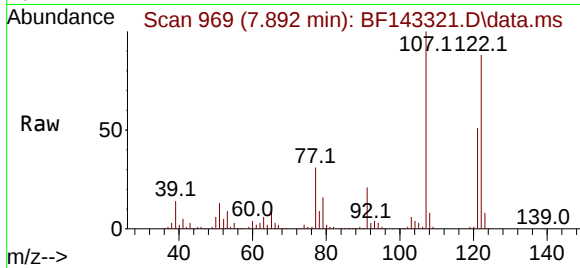
Tgt Ion:122 Resp: 223310

Ion Ratio Lower Upper

122 100

107 113.1 91.8 137.6

121 57.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.263 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

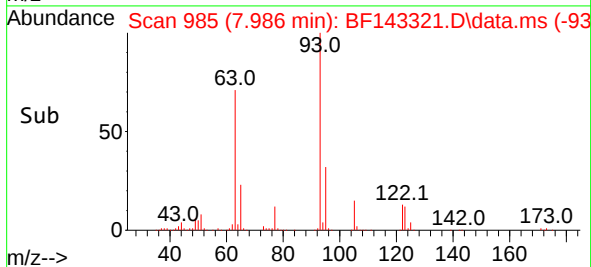
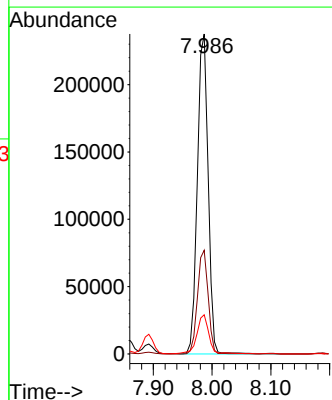
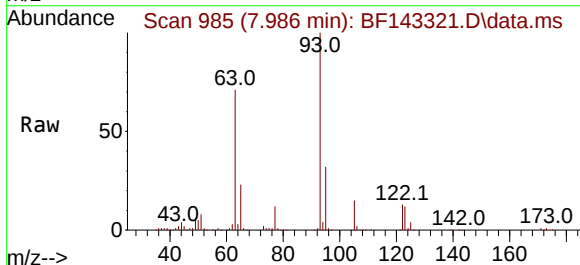
Tgt Ion: 93 Resp: 302434

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 12.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 38.075 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

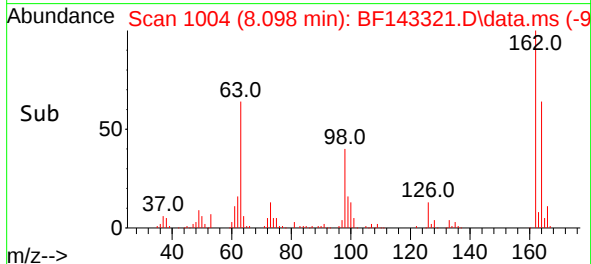
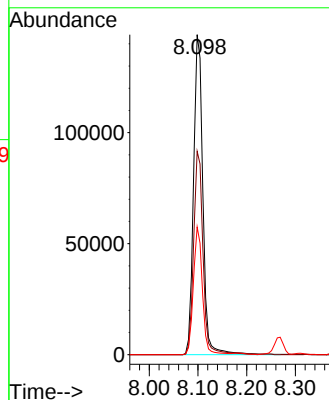
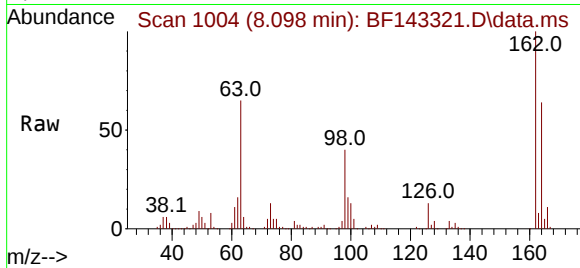
Tgt Ion:162 Resp: 192730

Ion Ratio Lower Upper

162 100

164 63.6 44.2 84.2

98 39.9 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 38.992 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

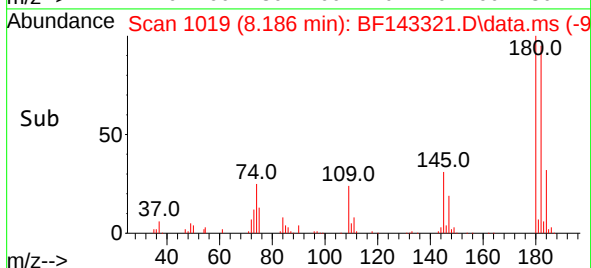
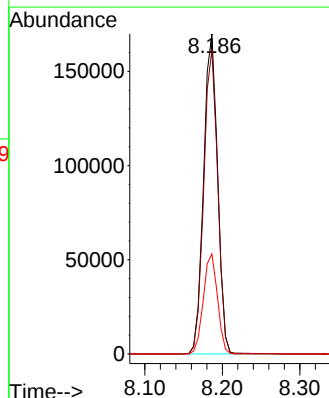
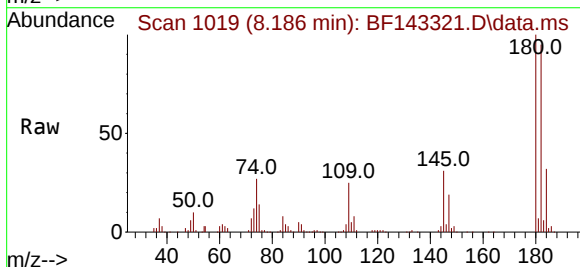
Tgt Ion:180 Resp: 213229

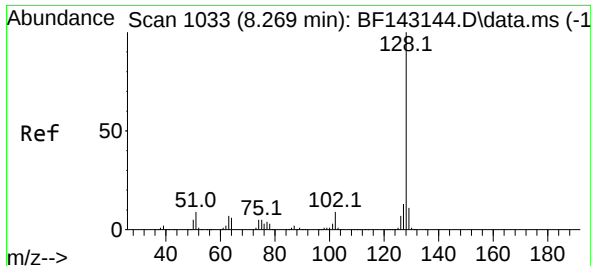
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.2

145 31.2 25.0 37.6

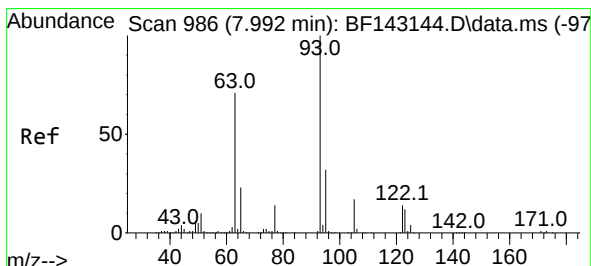
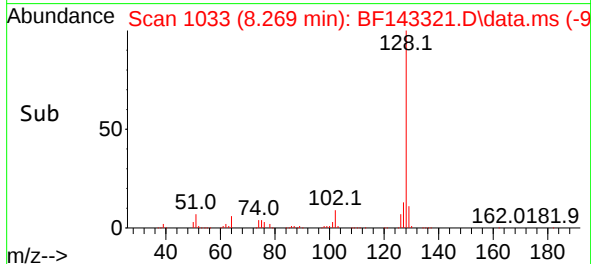
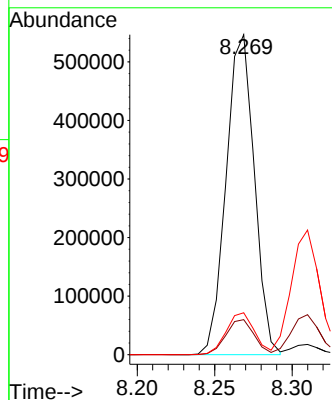
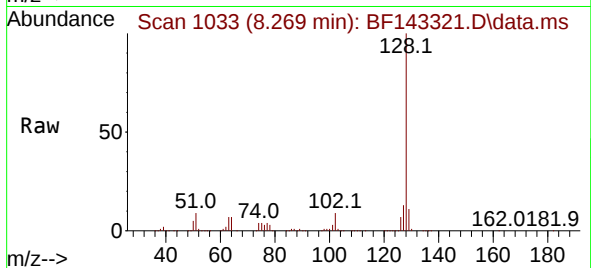




#31
Naphthalene
Concen: 38.681 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

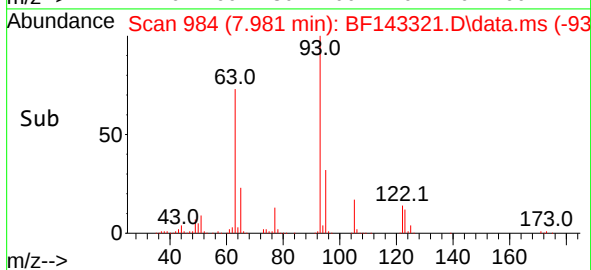
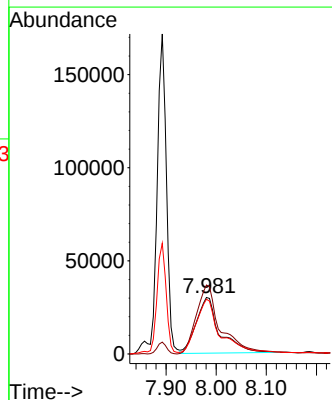
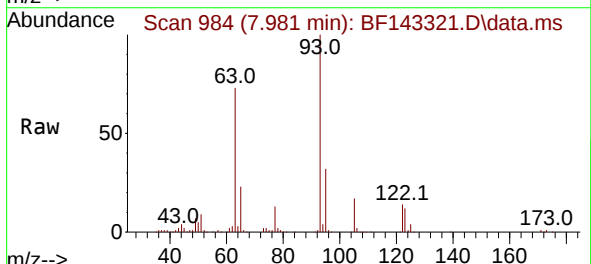
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 691059
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 30.873 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.011 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:122 Resp: 97383
Ion Ratio Lower Upper
122 100
105 122.1 104.8 144.8
77 96.8 77.6 117.6

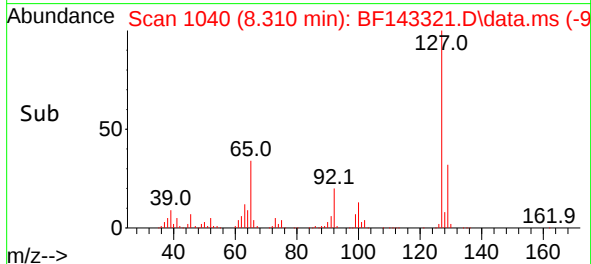
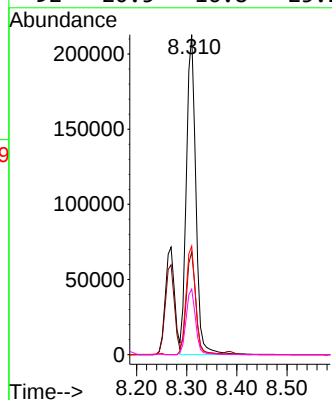
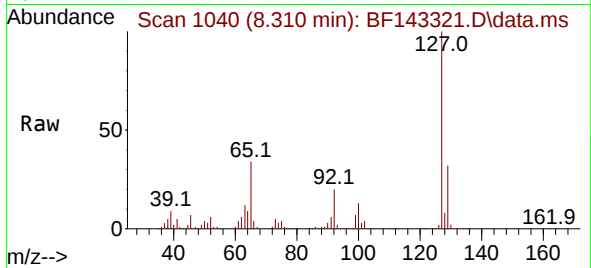




#33
4-Chloroaniline
Concen: 38.302 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

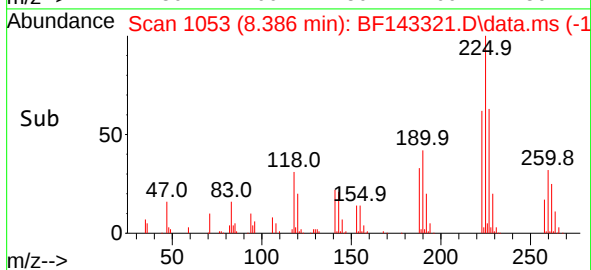
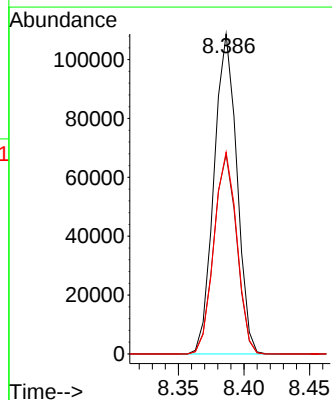
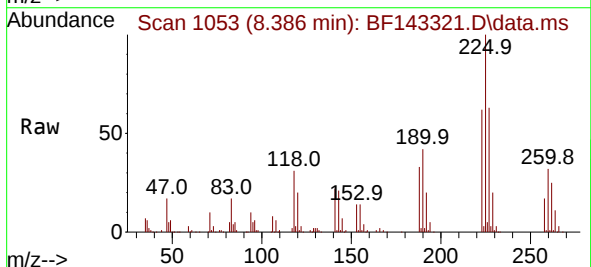
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

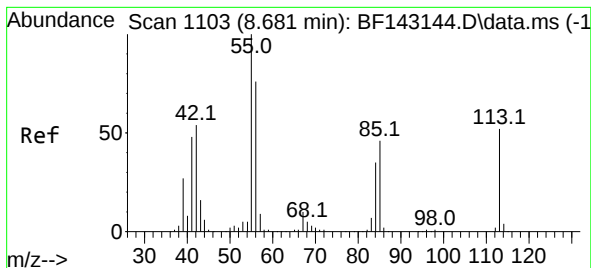
Tgt Ion:	127	Resp:	279406
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.0	39.0
65	33.9	27.4	41.2
92	20.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.419 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:	225	Resp:	131684
Ion Ratio	Lower	Upper	
225	100		
223	62.2	49.8	74.6
227	63.1	50.2	75.4





#35

Caprolactam

Concen: 38.646 ng

RT: 8.669 min Scan# 1101

Delta R.T. -0.012 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

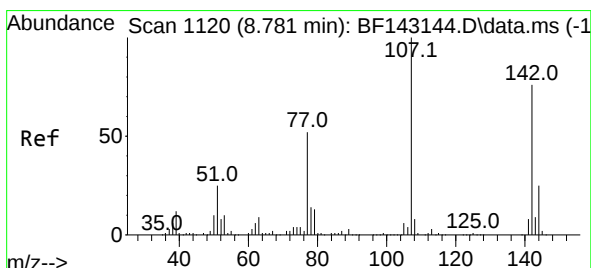
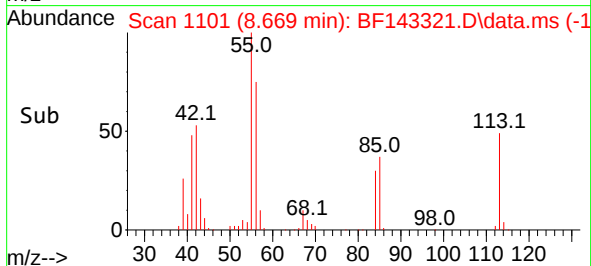
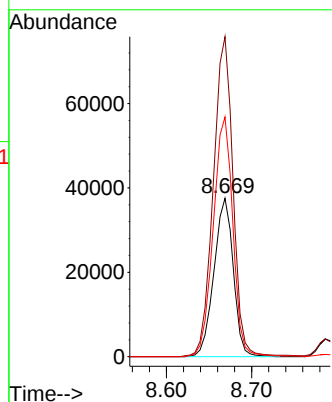
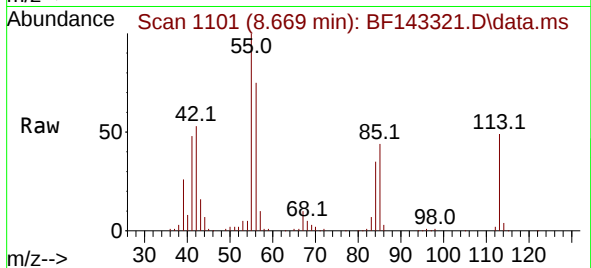
Tgt Ion:113 Resp: 59113

Ion Ratio Lower Upper

113 100

55 202.1 174.0 214.0

56 151.4 126.6 166.6



#36

4-Chloro-3-methylphenol

Concen: 37.714 ng

RT: 8.786 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

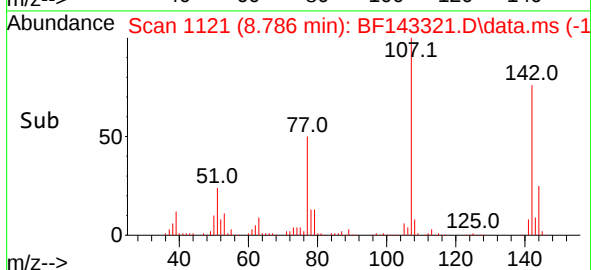
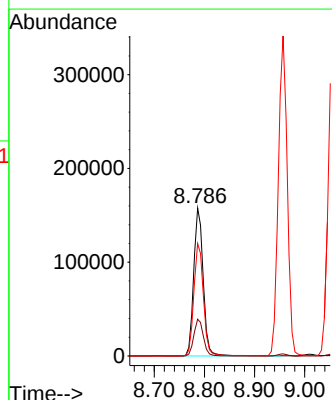
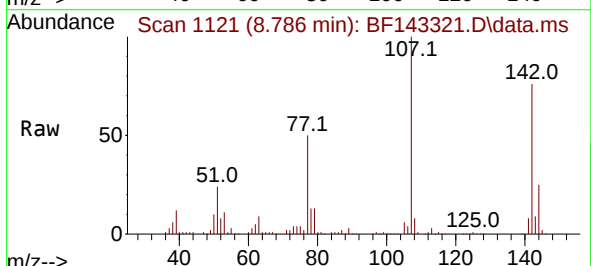
Tgt Ion:107 Resp: 207498

Ion Ratio Lower Upper

107 100

144 24.8 19.8 29.6

142 75.9 60.6 90.8

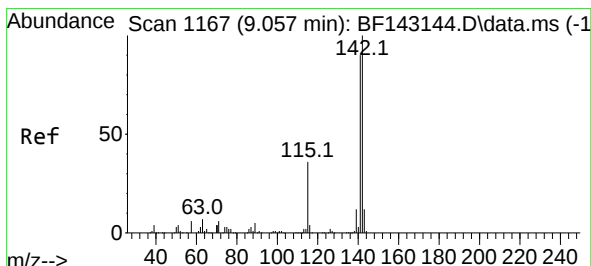
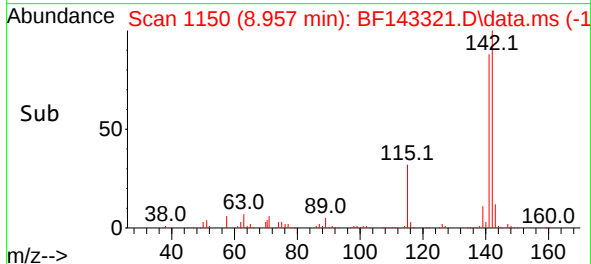
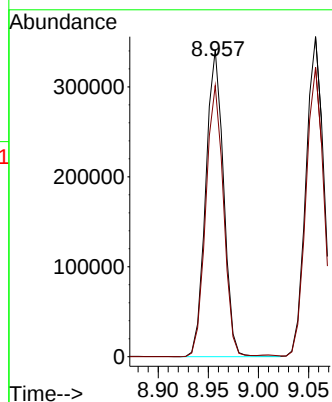
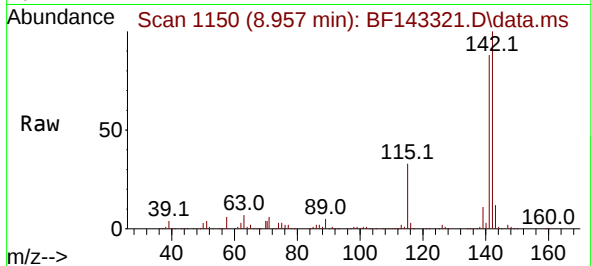




#37
2-Methylnaphthalene
Concen: 38.749 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

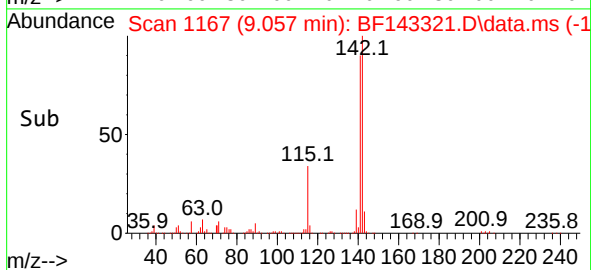
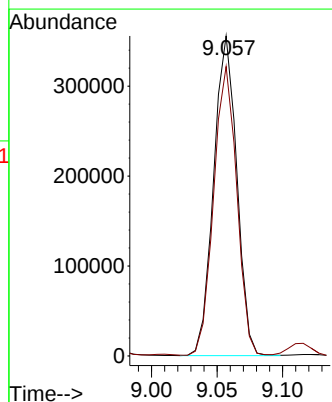
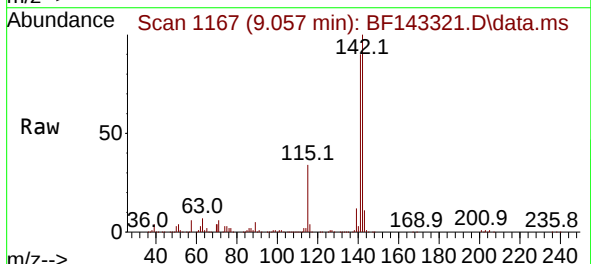
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

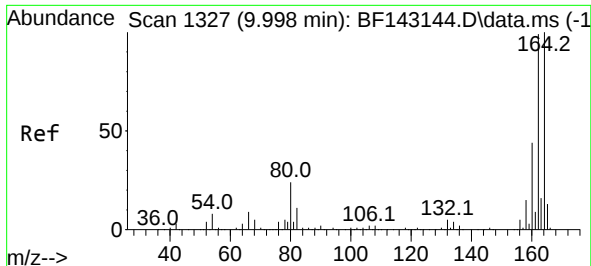
Tgt Ion:142 Resp: 421258
Ion Ratio Lower Upper
142 100
141 88.3 69.9 104.9



#38
1-Methylnaphthalene
Concen: 38.961 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:142 Resp: 436164
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5

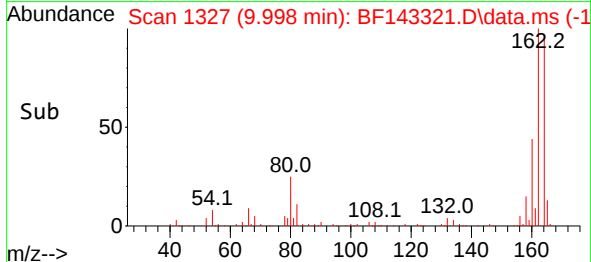
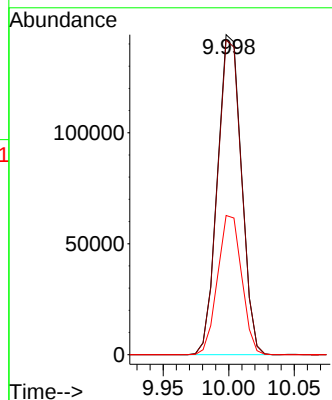
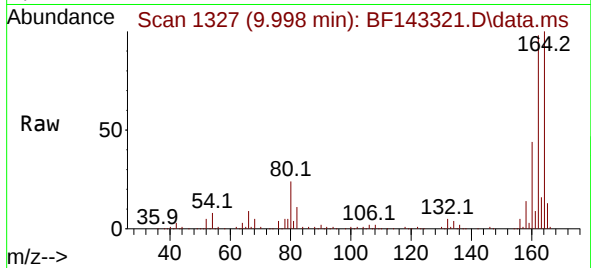




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

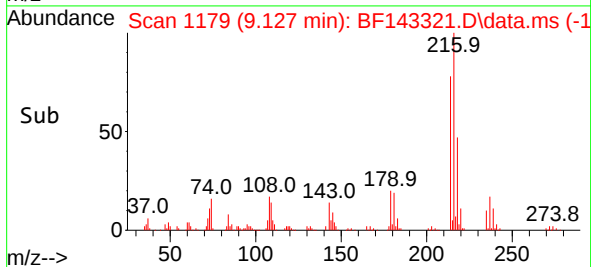
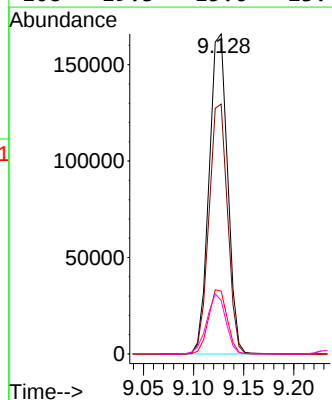
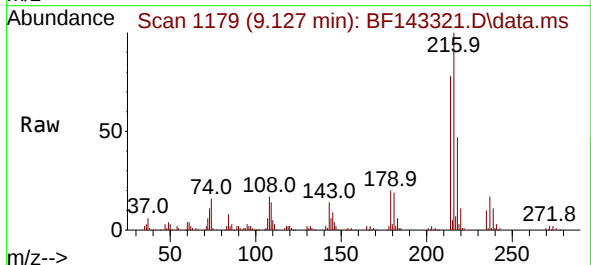
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 183910
Ion Ratio Lower Upper
164 100
162 98.3 79.0 118.6
160 43.5 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.028 ng
RT: 9.127 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:216 Resp: 212536
Ion Ratio Lower Upper
216 100
214 78.3 63.8 95.8
179 20.1 16.4 24.6
108 19.3 15.6 23.4

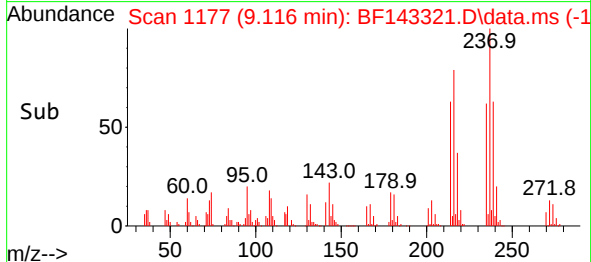
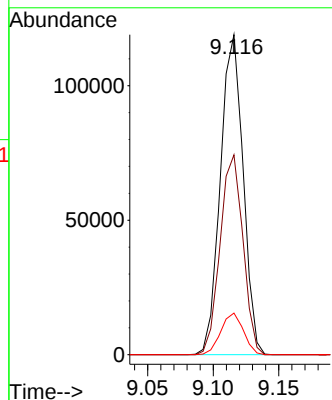
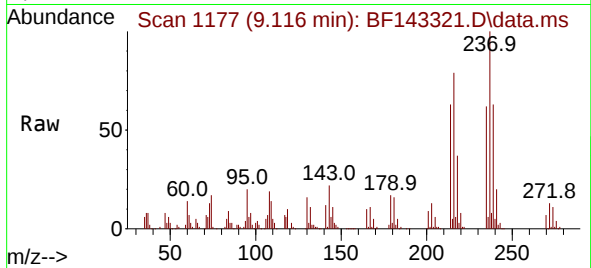




#41
Hexachlorocyclopentadiene
Concen: 41.459 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

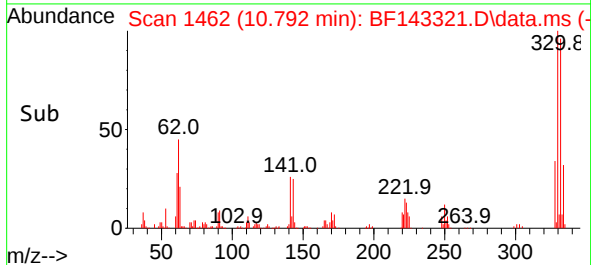
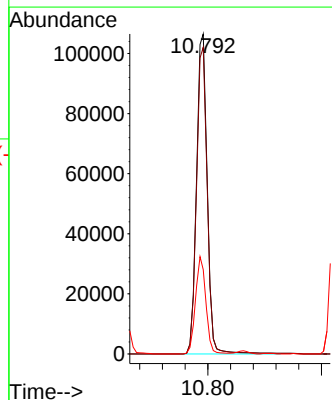
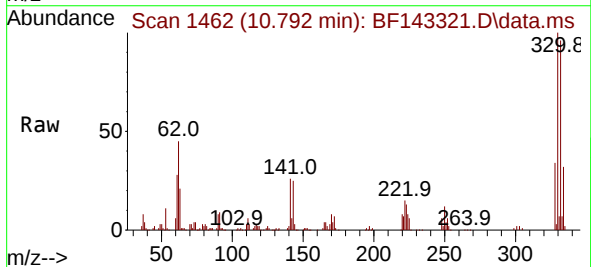
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 143236
Ion Ratio Lower Upper
237 100
235 62.4 43.0 83.0
272 13.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 73.666 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:330 Resp: 139957
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 29.6 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 36.114 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

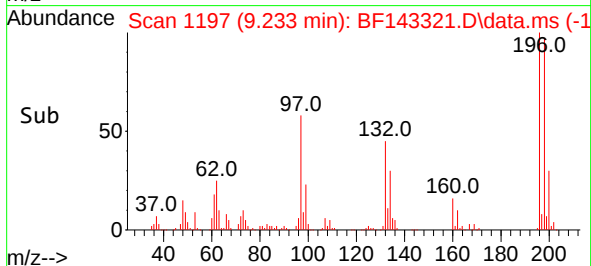
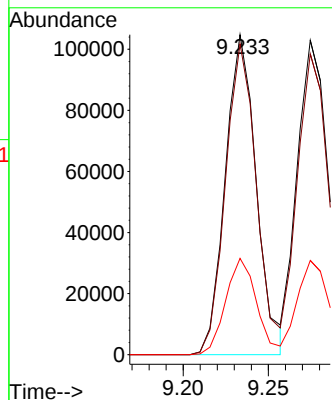
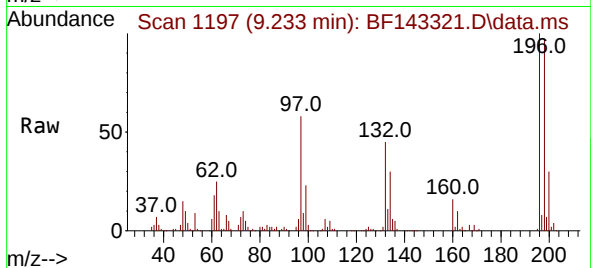
Tgt Ion:196 Resp: 132710

Ion Ratio Lower Upper

196 100

198 97.1 76.2 114.2

200 30.1 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 37.153 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Tgt Ion:196 Resp: 136570

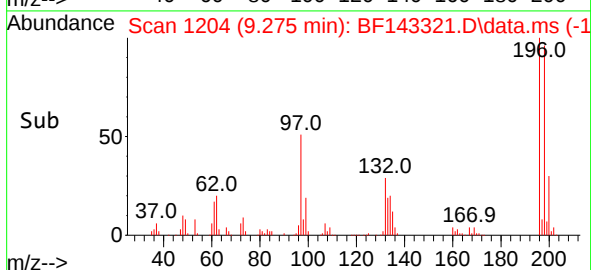
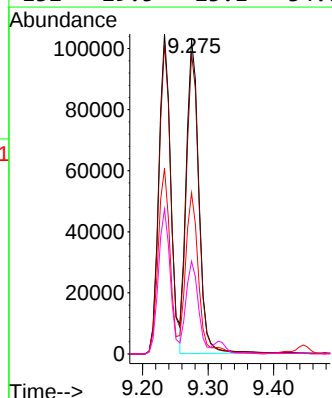
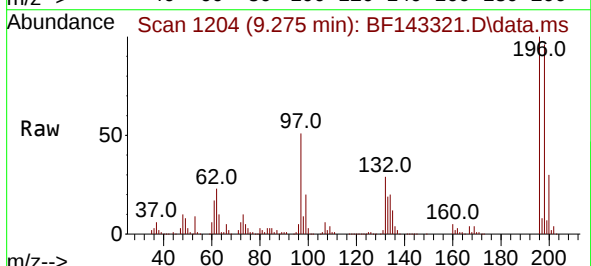
Ion Ratio Lower Upper

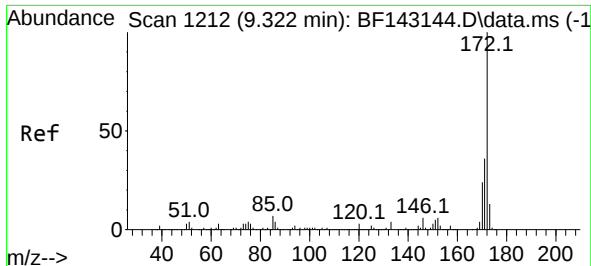
196 100

198 95.7 77.3 115.9

97 51.2 40.3 60.5

132 29.5 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 76.641 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

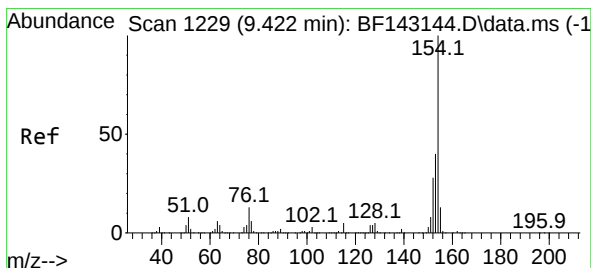
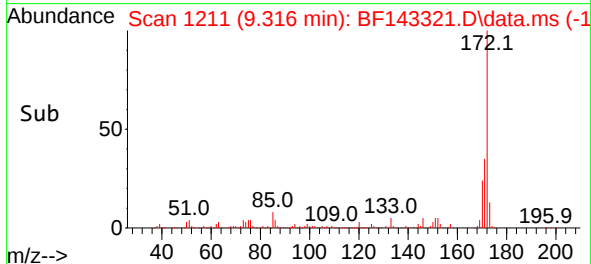
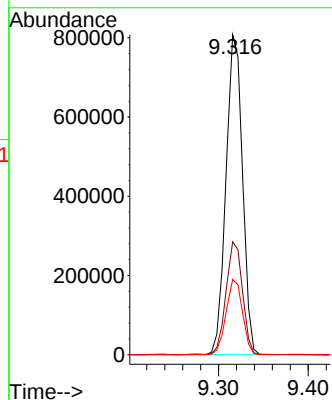
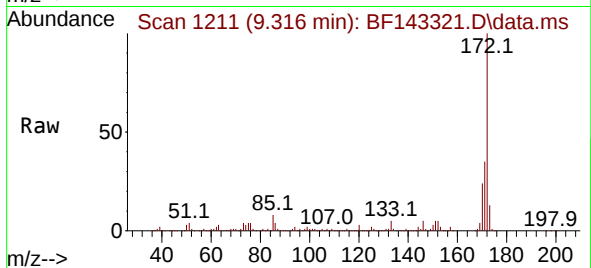
Tgt Ion:172 Resp: 1030626

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: 39.547 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

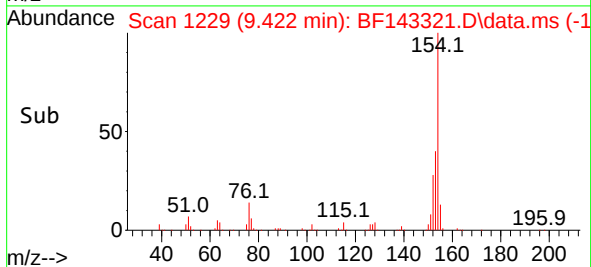
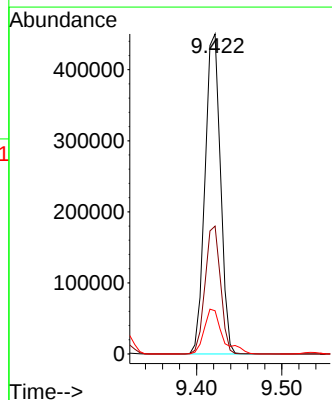
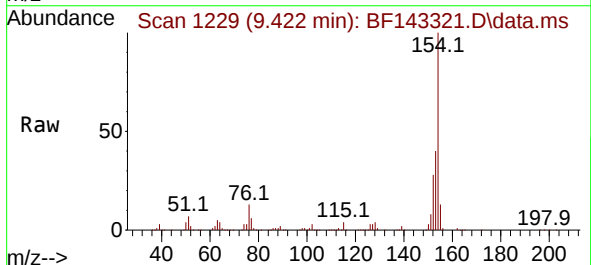
Tgt Ion:154 Resp: 567447

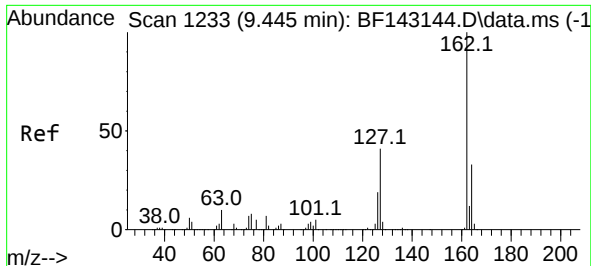
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 13.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.982 ng

RT: 9.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

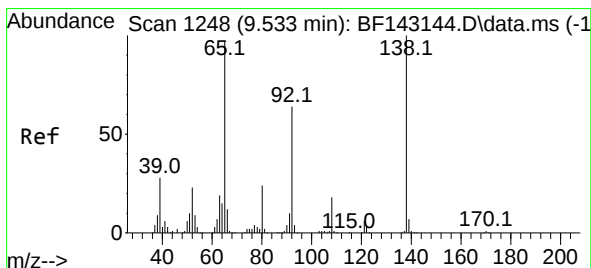
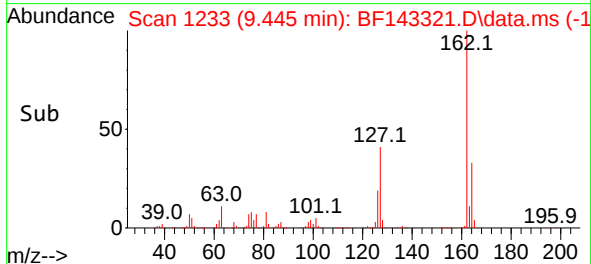
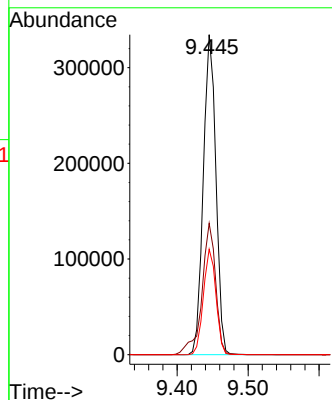
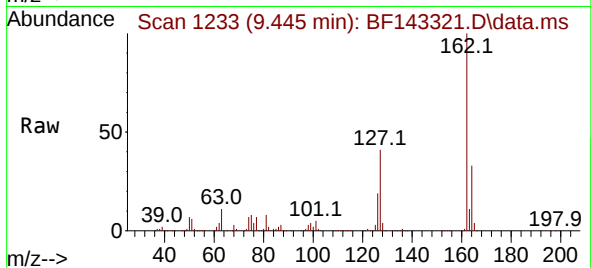
Tgt Ion:162 Resp: 413869

Ion Ratio Lower Upper

162 100

127 41.0 33.4 50.2

164 33.0 26.2 39.2



#48

2-Nitroaniline

Concen: 40.284 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

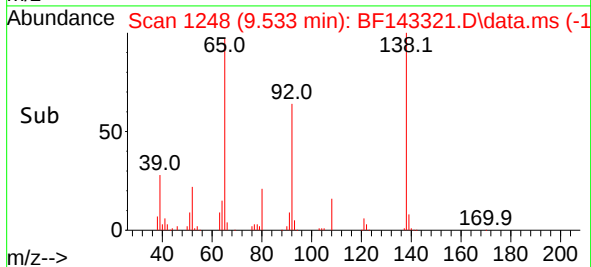
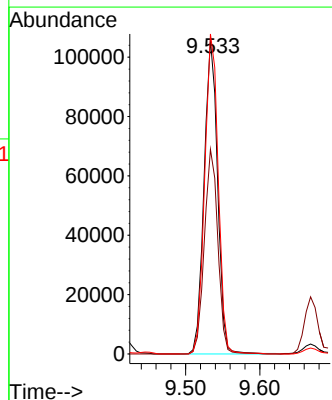
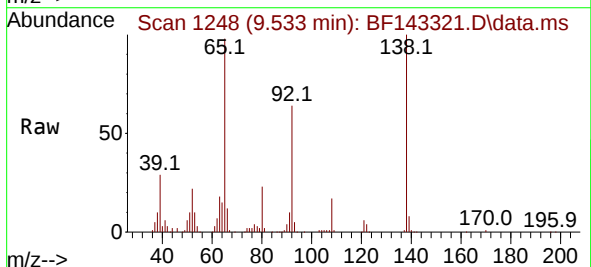
Tgt Ion: 65 Resp: 134122

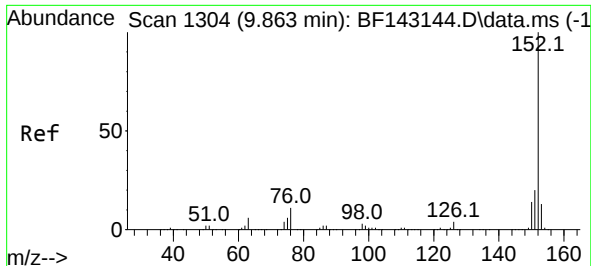
Ion Ratio Lower Upper

65 100

92 65.2 52.4 78.6

138 101.9 82.3 123.5





#49

Acenaphthylene

Concen: 38.574 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

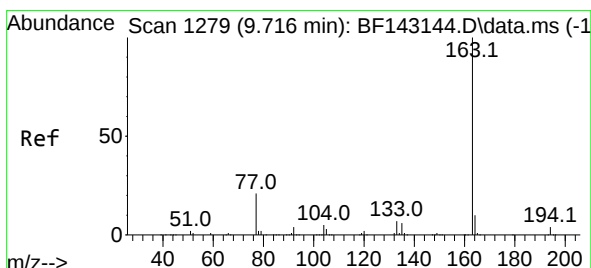
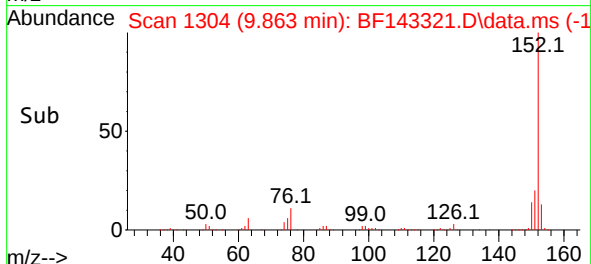
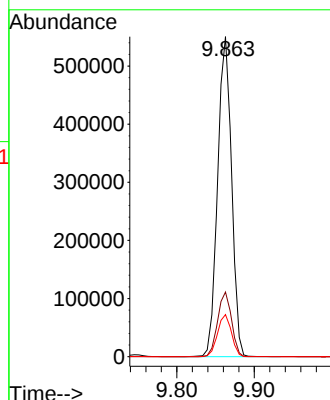
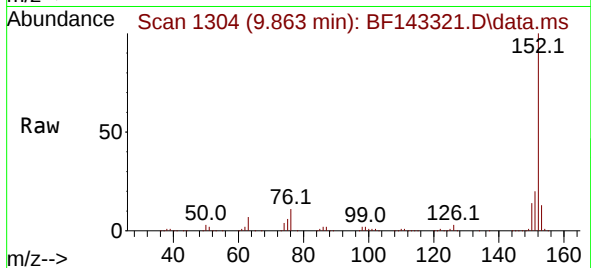
Tgt Ion:152 Resp: 686323

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 39.189 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

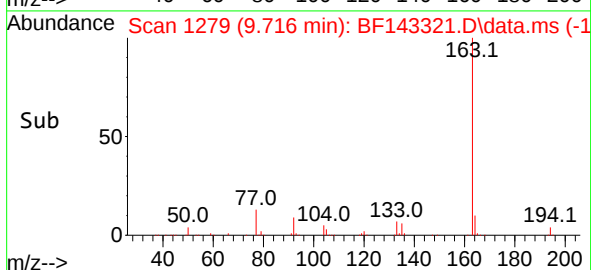
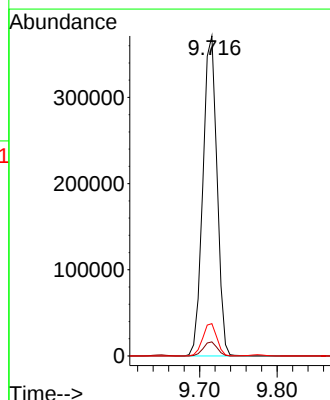
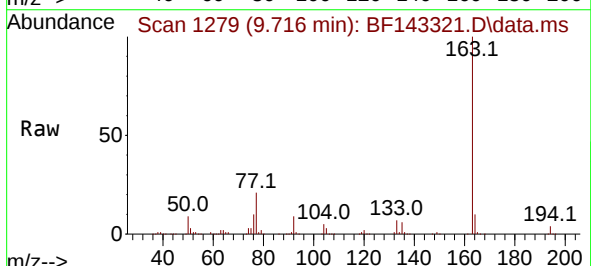
Tgt Ion:163 Resp: 469788

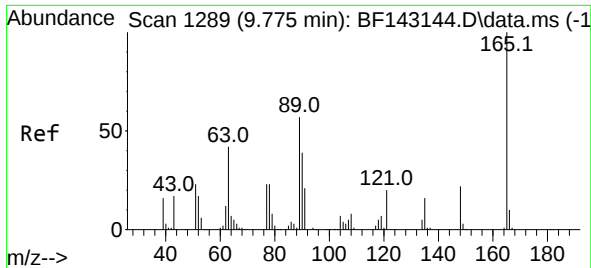
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.1 8.3 12.5

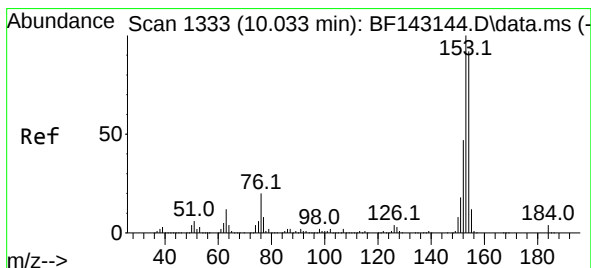
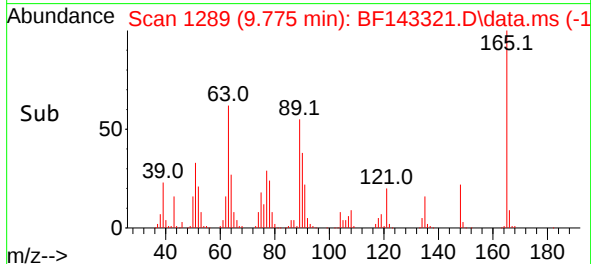
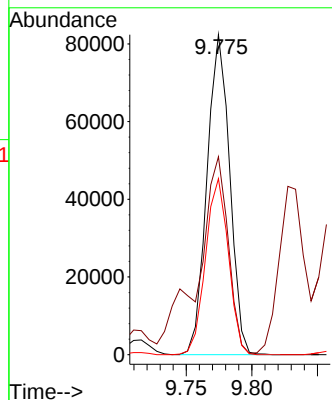
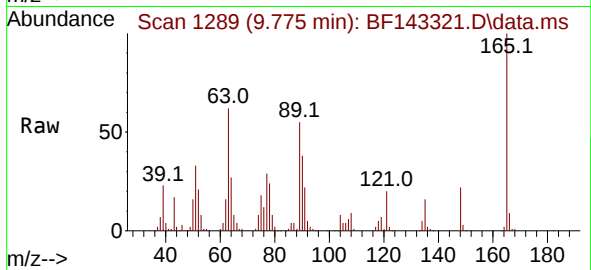




#51
2,6-Dinitrotoluene
Concen: 40.772 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

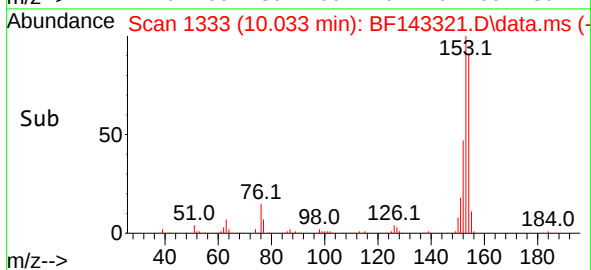
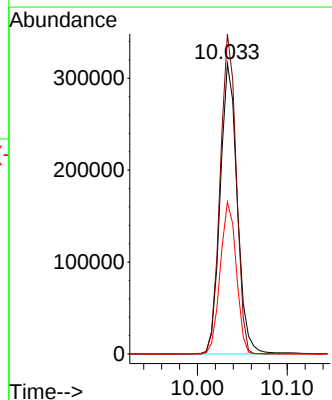
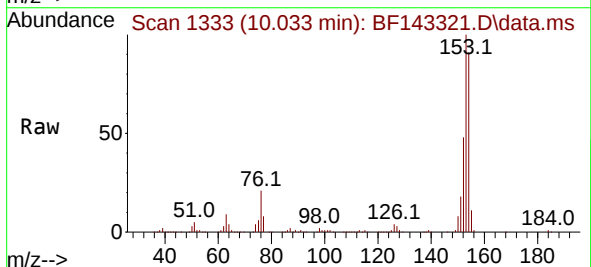
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

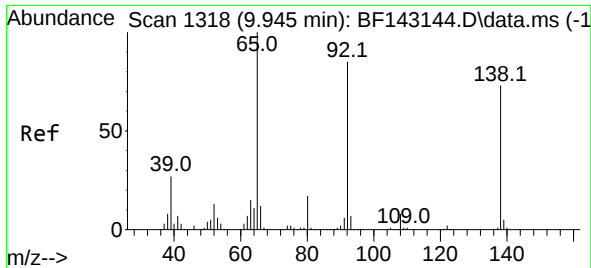
Tgt Ion:165 Resp: 99430
Ion Ratio Lower Upper
165 100
63 61.8 49.4 74.2
89 55.0 46.2 69.2



#52
Acenaphthene
Concen: 39.582 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:154 Resp: 416251
Ion Ratio Lower Upper
154 100
153 110.2 86.6 129.8
152 52.4 40.4 60.6

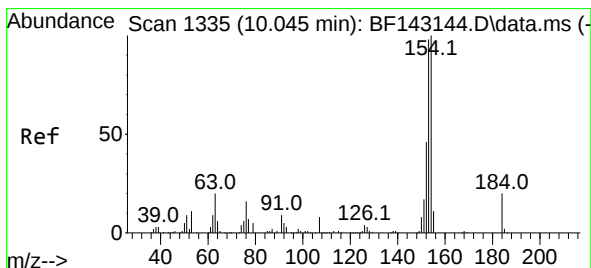
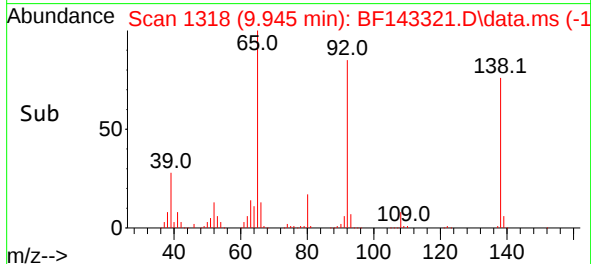
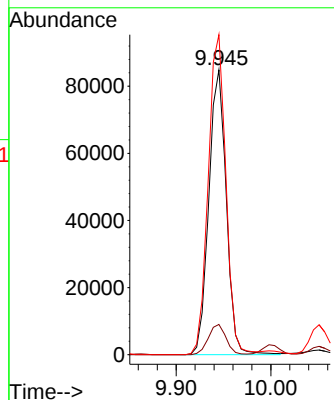
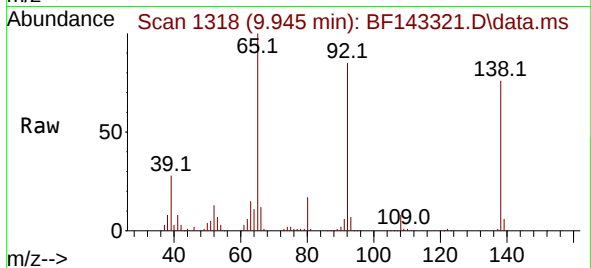




#53
3-Nitroaniline
Concen: 38.121 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

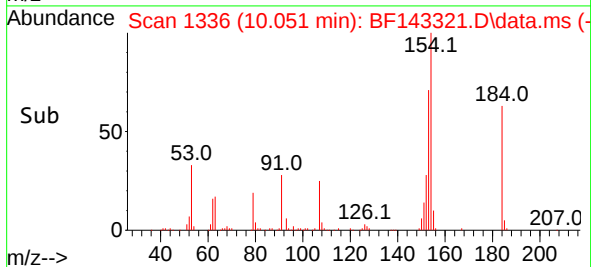
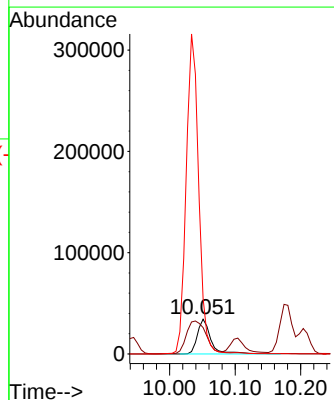
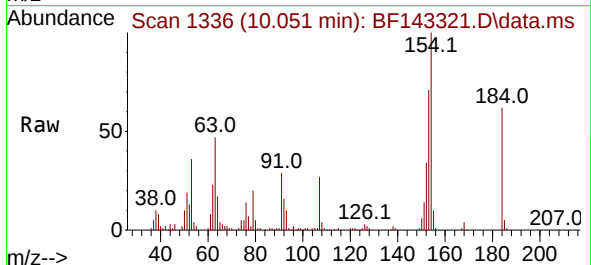
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

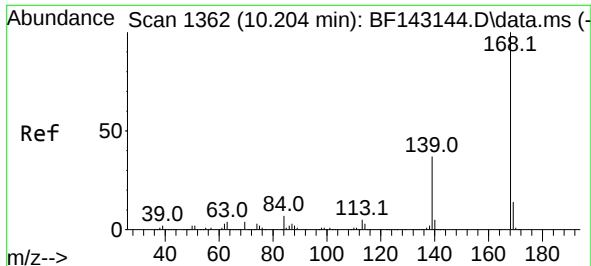
Tgt Ion:138 Resp: 108737
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.6
92 112.4 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 47.646 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:184 Resp: 49412
Ion Ratio Lower Upper
184 100
63 76.0 81.8 122.6#
154 160.4 412.2 618.4#

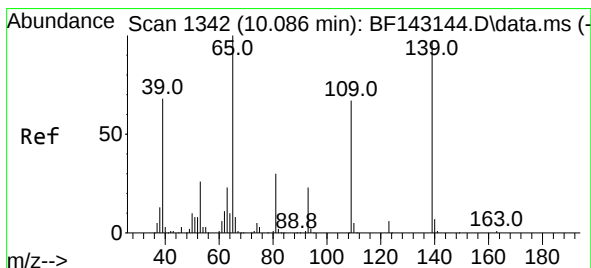
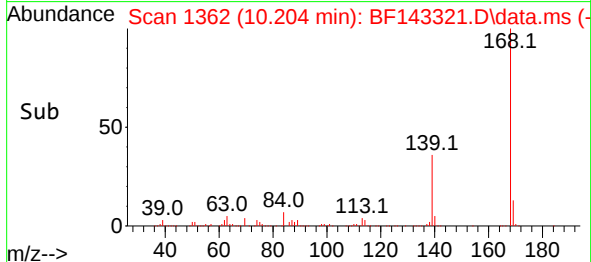
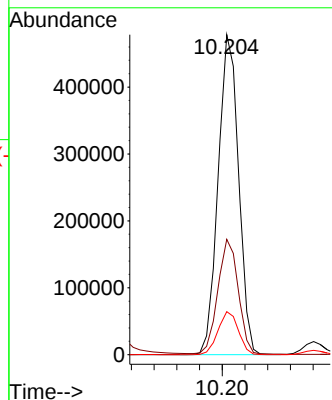
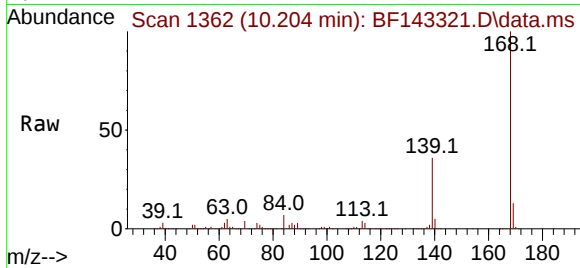




#55
Dibenzofuran
Concen: 38.323 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

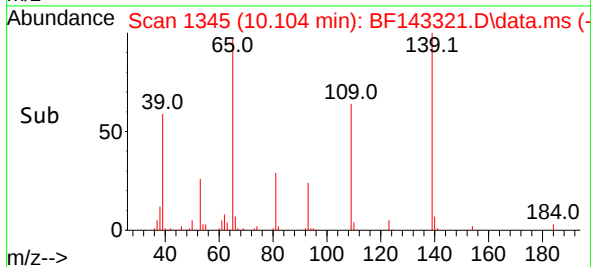
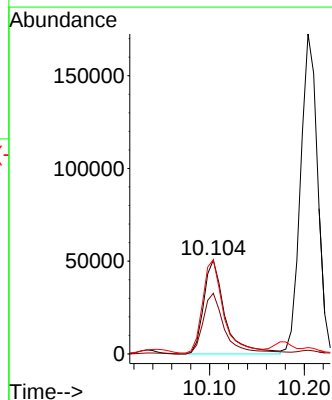
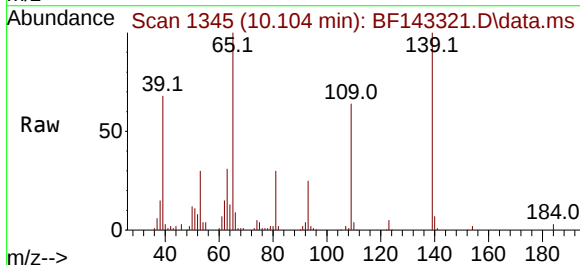
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

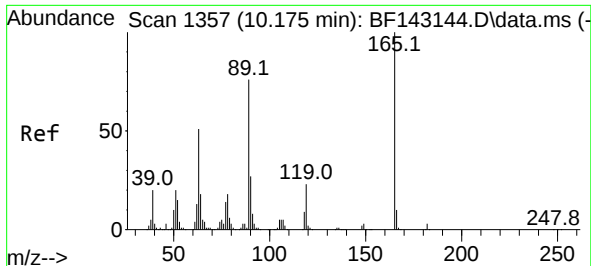
Tgt Ion:168 Resp: 598340
Ion Ratio Lower Upper
168 100
139 36.1 29.5 44.3
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 37.083 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:139 Resp: 78987
Ion Ratio Lower Upper
139 100
109 64.6 48.5 88.5
65 100.3 83.4 123.4

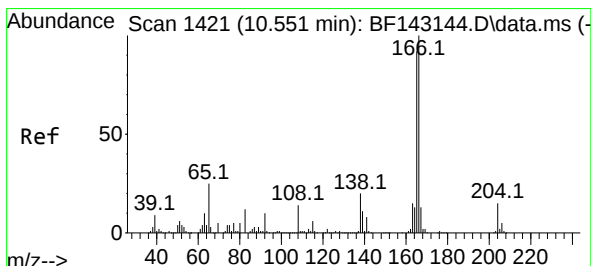
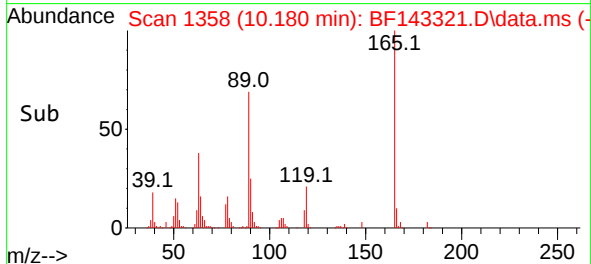
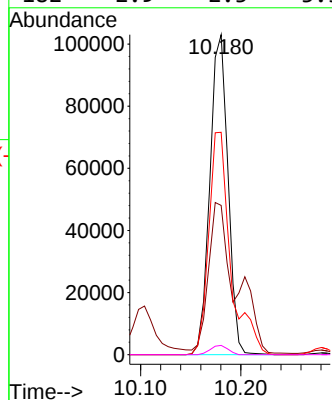
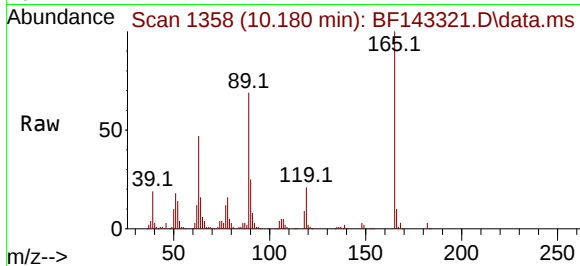




#57
2,4-Dinitrotoluene
Concen: 42.248 ng
RT: 10.180 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

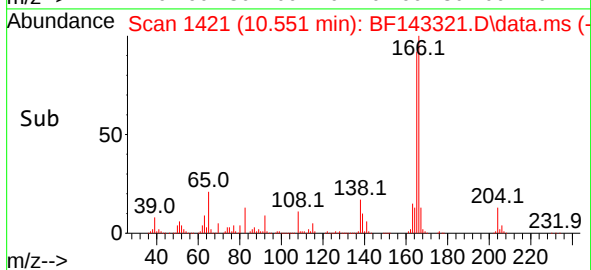
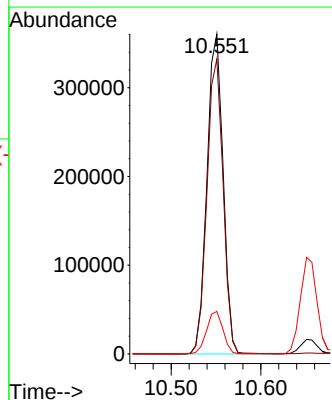
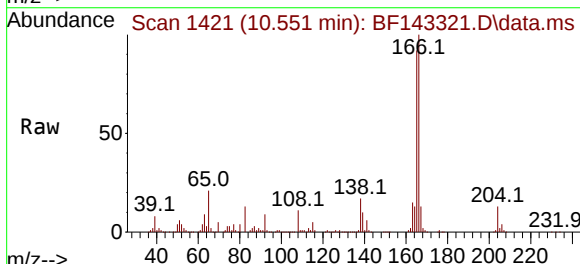
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

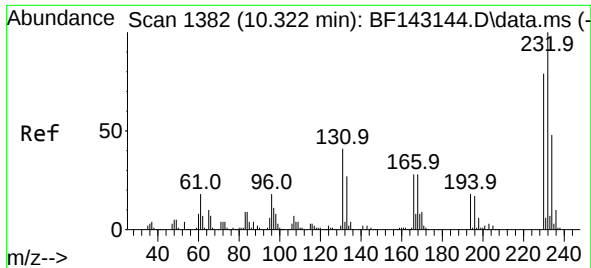
Tgt Ion:	165	Resp:	129259
Ion Ratio	Lower	Upper	
165	100		
63	46.6	41.0	61.4
89	69.5	61.1	91.7
182	2.9	2.3	3.5



#58
Fluorene
Concen: 38.452 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:	166	Resp:	450581
Ion Ratio	Lower	Upper	
166	100		
165	92.1	73.7	110.5
167	13.3	10.6	16.0

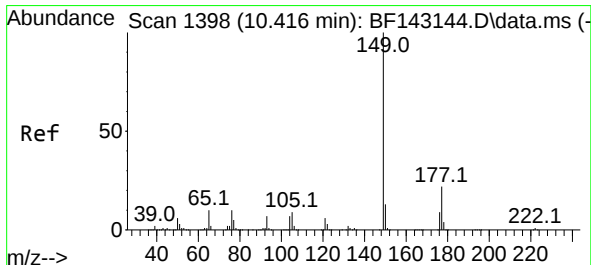
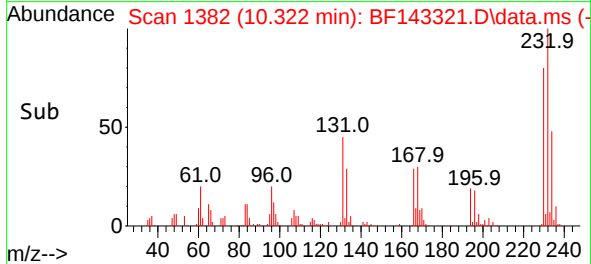
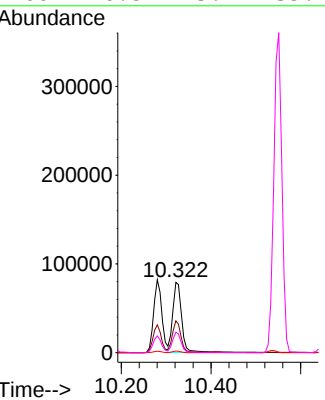
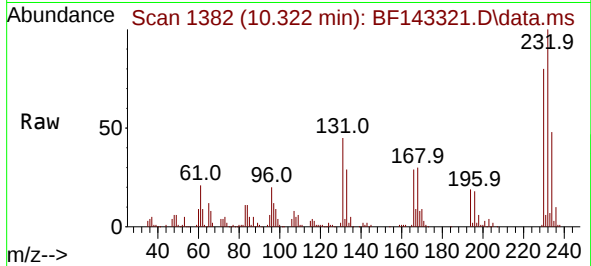




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.390 ng
RT: 10.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

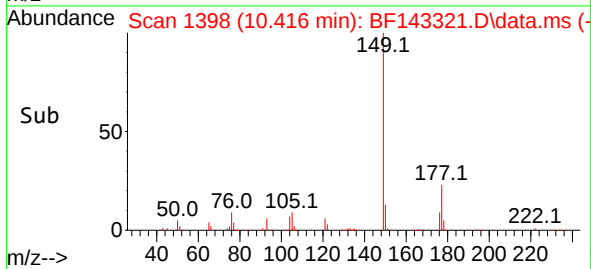
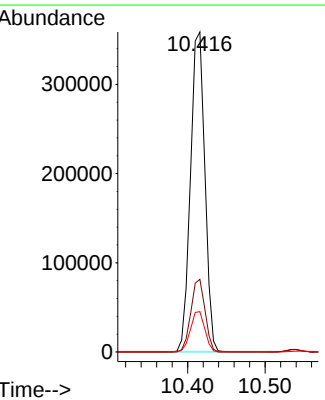
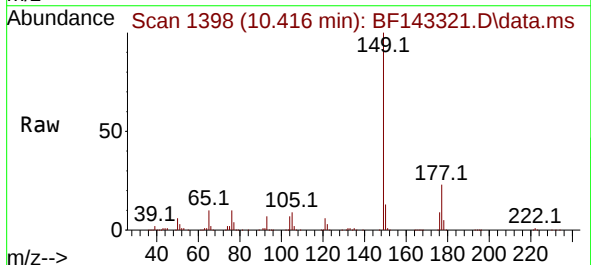
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

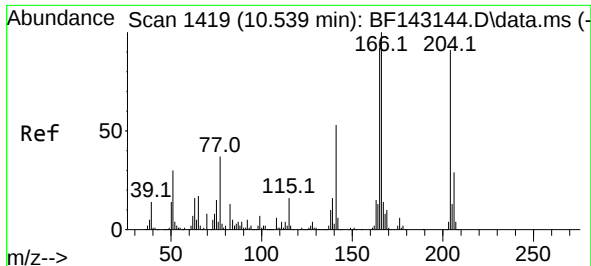
Tgt Ion:232 Resp: 110805
Ion Ratio Lower Upper
232 100
131 42.5 35.3 52.9
130 2.1 1.7 2.5
166 26.8 23.4 35.2



#60
Diethylphthalate
Concen: 39.103 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:149 Resp: 463326
Ion Ratio Lower Upper
149 100
177 22.7 17.5 26.3
150 12.6 10.2 15.2

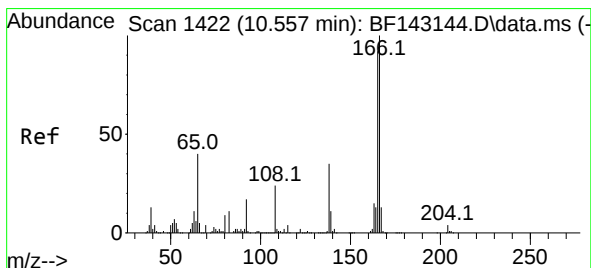
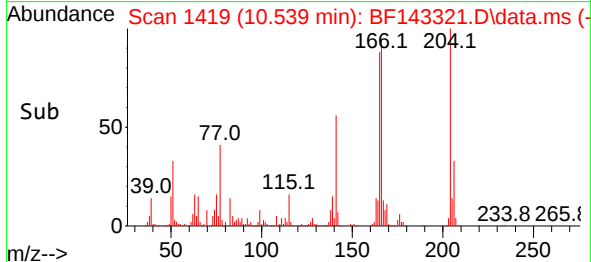
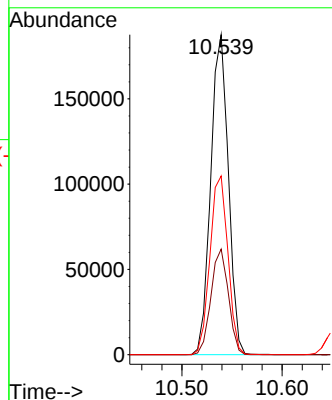
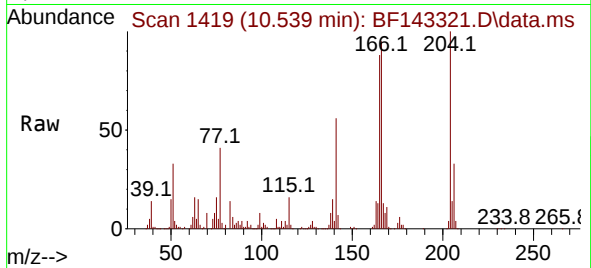




#61
4-Chlorophenyl-phenylether
Concen: 39.297 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

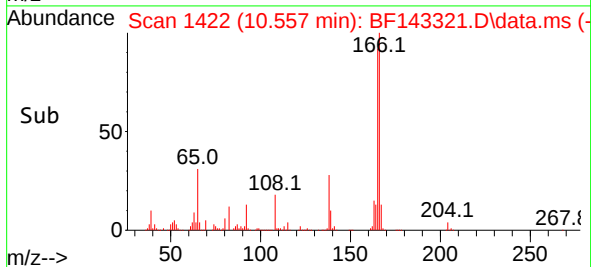
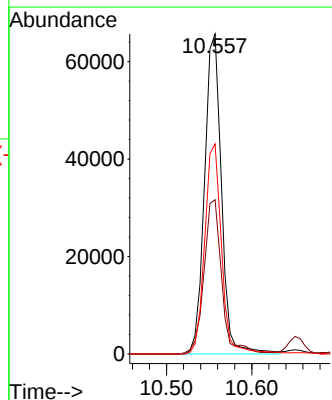
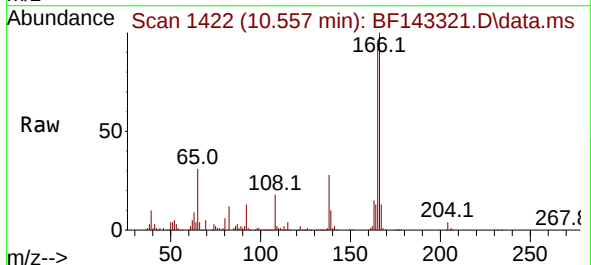
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

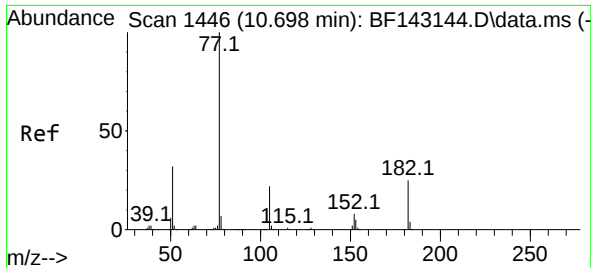
Tgt Ion:204 Resp: 229288
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 55.8 47.0 70.4



#62
4-Nitroaniline
Concen: 37.074 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:138 Resp: 90634
Ion Ratio Lower Upper
138 100
92 48.2 29.3 69.3
108 65.7 48.3 88.3

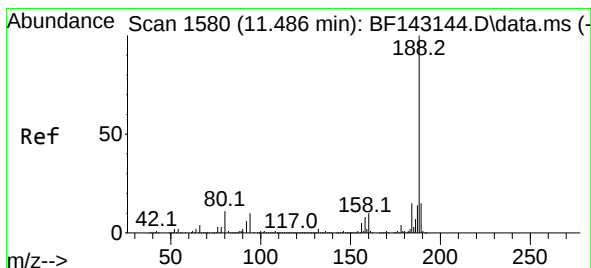
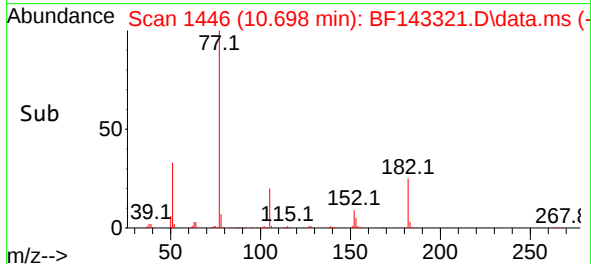
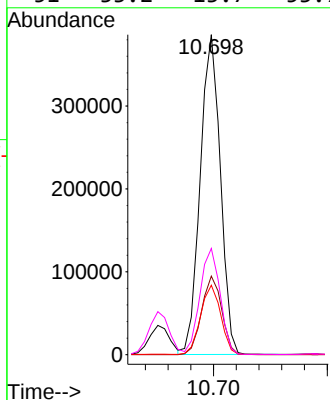
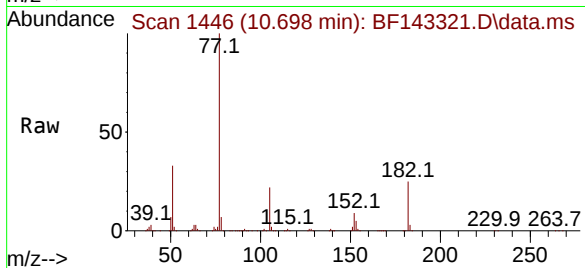




#63
Azobenzene
Concen: 38.388 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

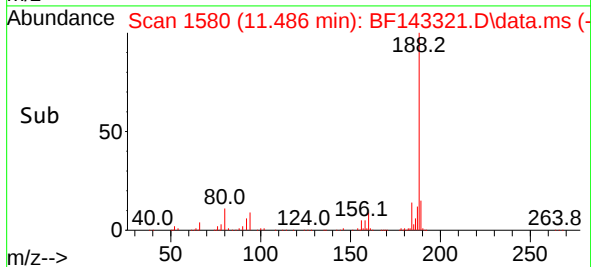
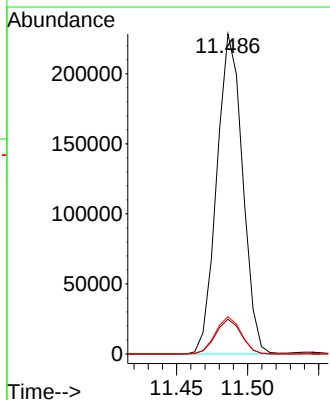
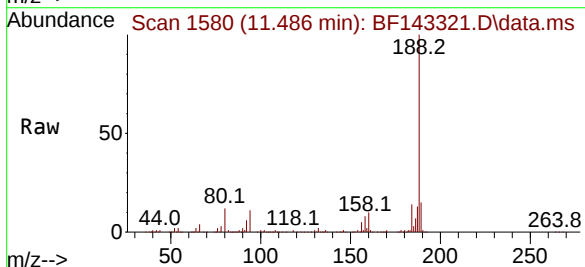
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

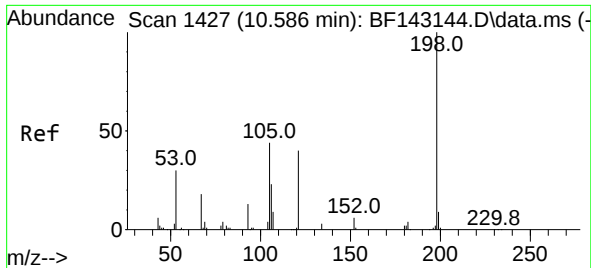
Tgt Ion: 77	Resp: 474057
Ion Ratio	Lower Upper
77 100	
182 24.6	4.6 44.6
105 21.7	1.4 41.4
51 33.2	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:188	Resp: 288255
Ion Ratio	Lower Upper
188 100	
94 10.8	8.3 12.5
80 11.7	9.0 13.6

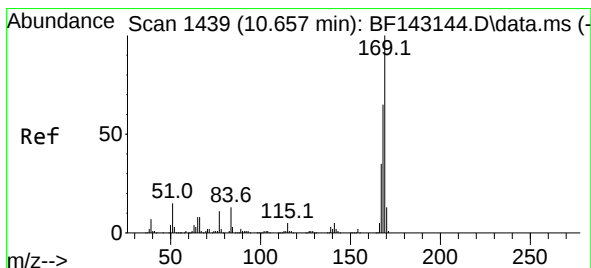
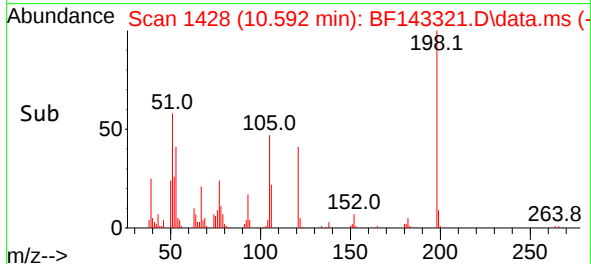
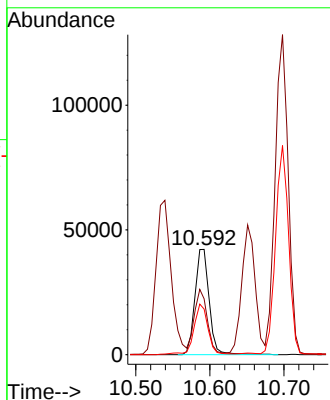
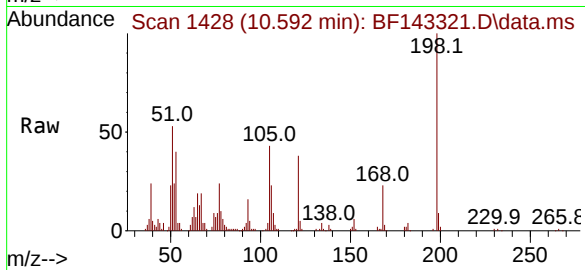




#65
4,6-Dinitro-2-methylphenol
Concen: 38.449 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

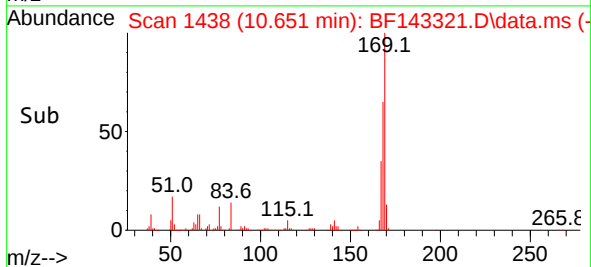
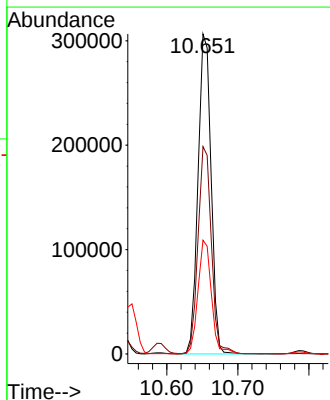
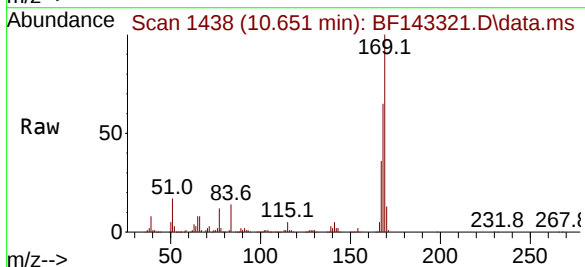
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

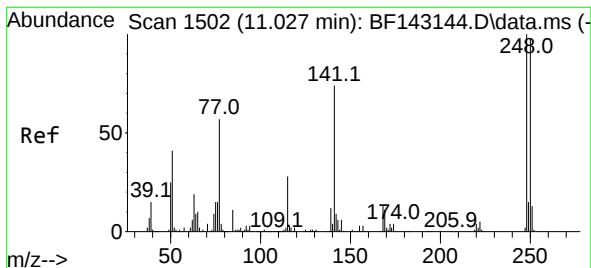
Tgt Ion:198 Resp: 56266
Ion Ratio Lower Upper
198 100
51 53.1 37.2 77.2
105 43.3 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 38.693 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:169 Resp: 392747
Ion Ratio Lower Upper
169 100
168 64.8 52.1 78.1
167 35.5 28.2 42.2

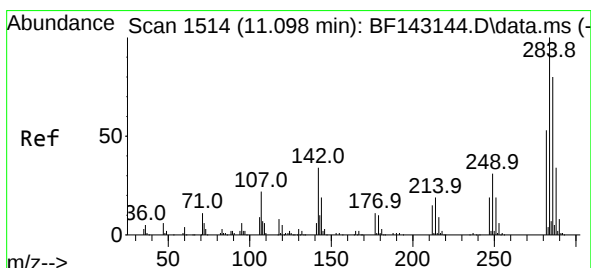
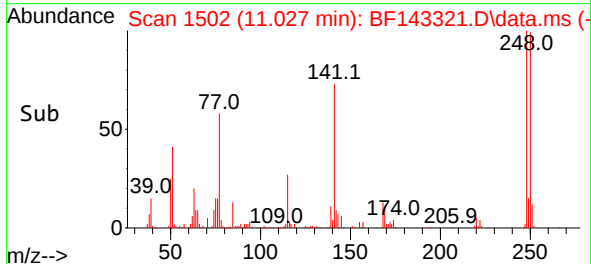
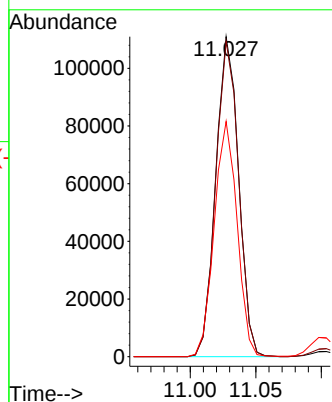
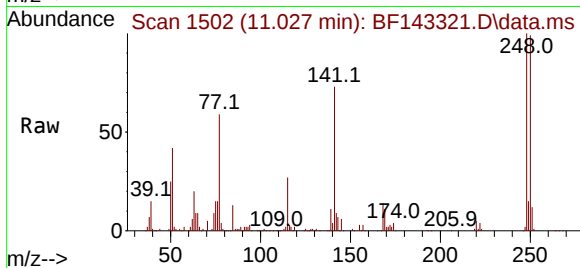




#67
4-Bromophenyl-phenylether
Concen: 39.182 ng
RT: 11.027 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

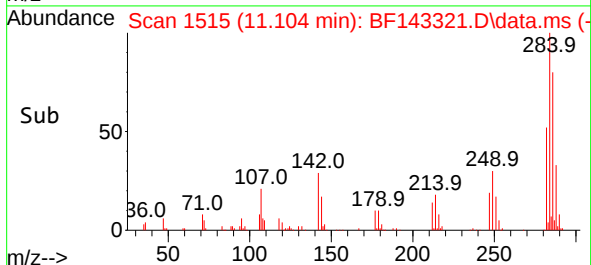
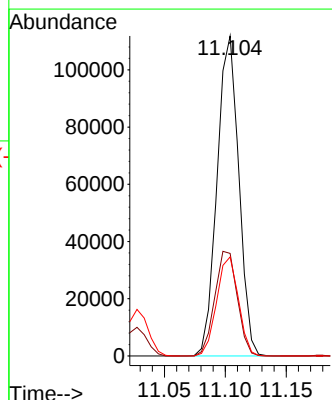
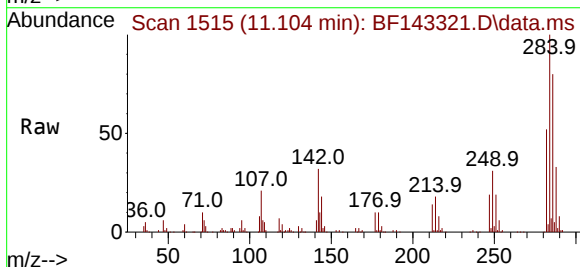
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

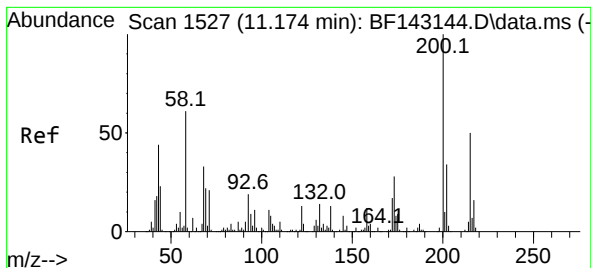
Tgt Ion:248 Resp: 134598
Ion Ratio Lower Upper
248 100
250 98.5 78.3 117.5
141 73.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.720 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:284 Resp: 139026
Ion Ratio Lower Upper
284 100
142 32.0 27.0 40.6
249 31.0 25.0 37.6





#69

Atrazine

Concen: 41.618 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

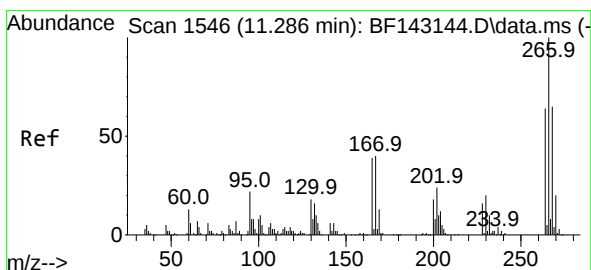
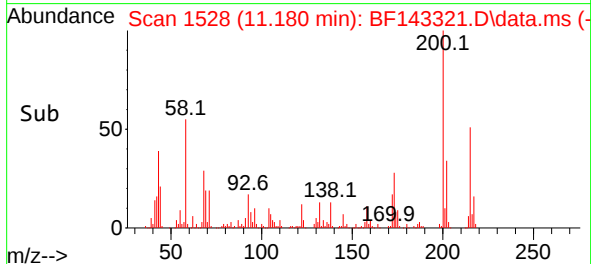
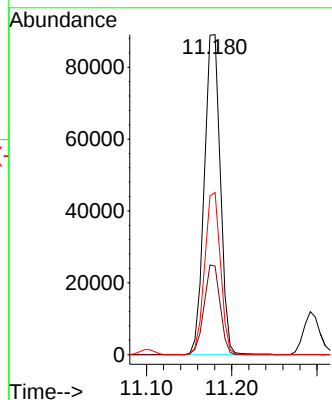
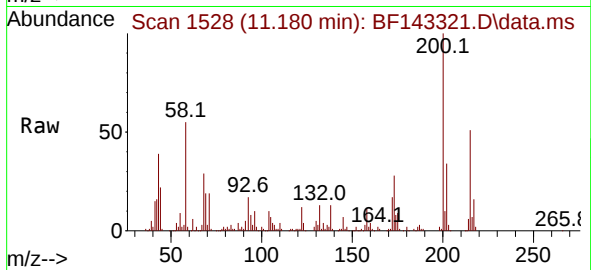
Tgt Ion:200 Resp: 116463

Ion Ratio Lower Upper

200 100

173 27.7 7.9 47.9

215 50.7 30.1 70.1



#70

Pentachlorophenol

Concen: 47.978 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

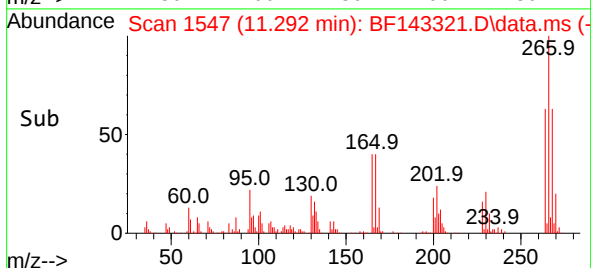
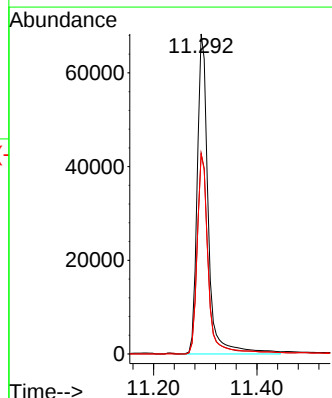
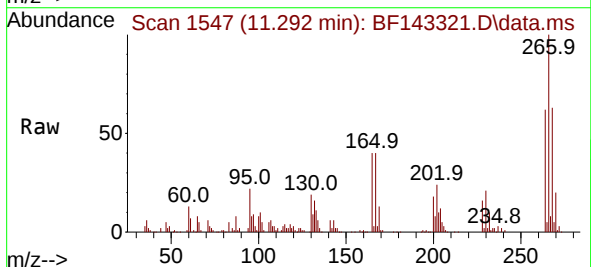
Tgt Ion:266 Resp: 101308

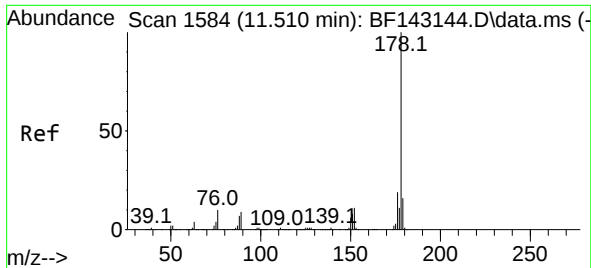
Ion Ratio Lower Upper

266 100

268 62.6 51.9 77.9

264 62.5 51.0 76.6

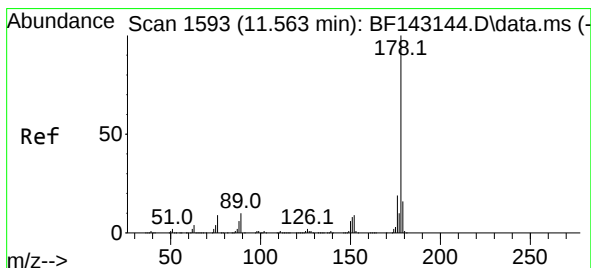
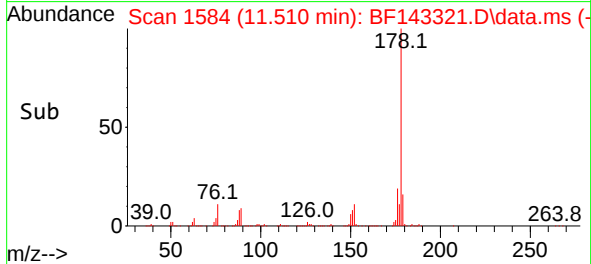
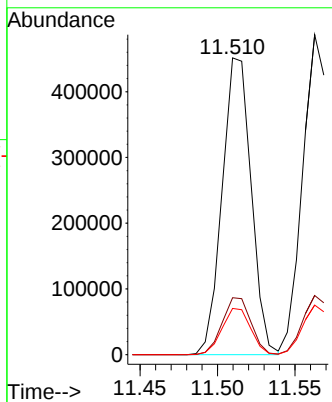
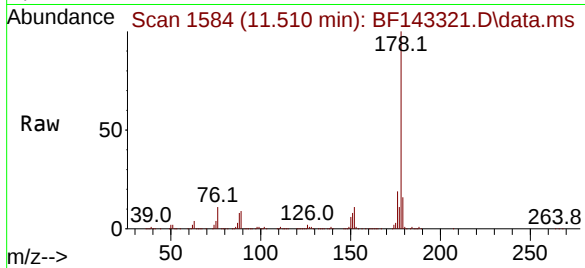




#71
Phenanthrene
Concen: 38.514 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

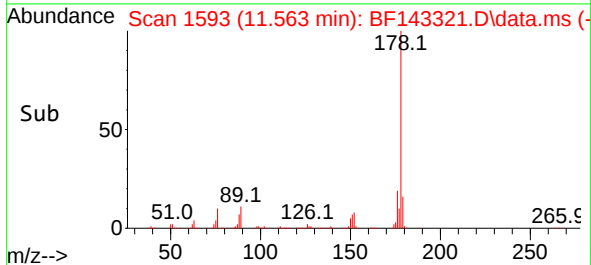
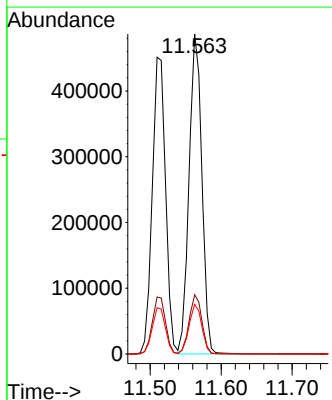
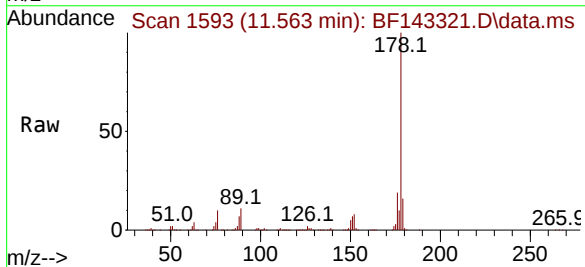
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

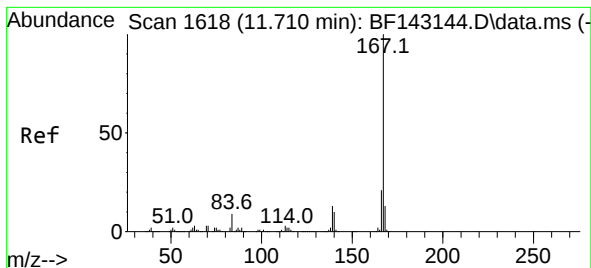
Tgt Ion:178 Resp: 589471
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 39.147 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:178 Resp: 611080
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.5 12.5 18.7





#73

Carbazole

Concen: 37.961 ng

RT: 11.716 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

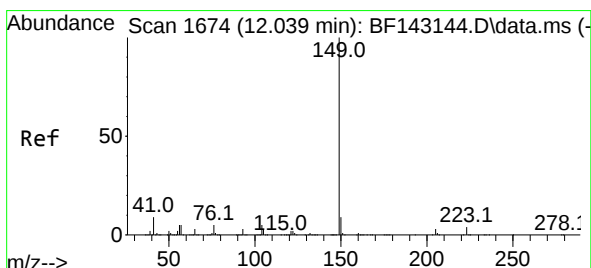
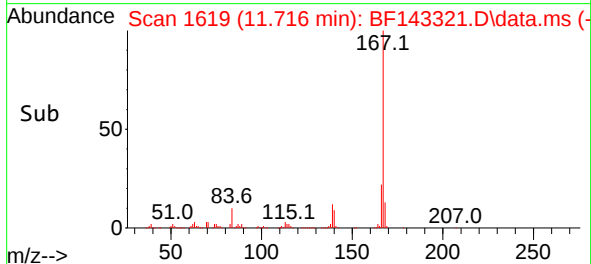
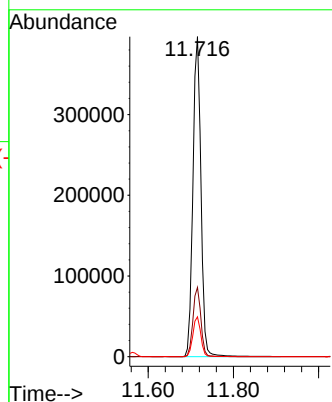
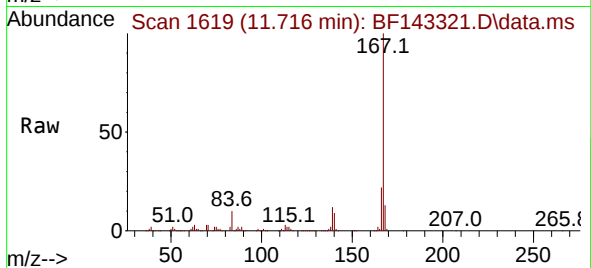
Tgt Ion:167 Resp: 517420

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 12.4 10.0 15.0



#74

Di-n-butylphthalate

Concen: 43.528 ng

RT: 12.039 min Scan# 1674

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

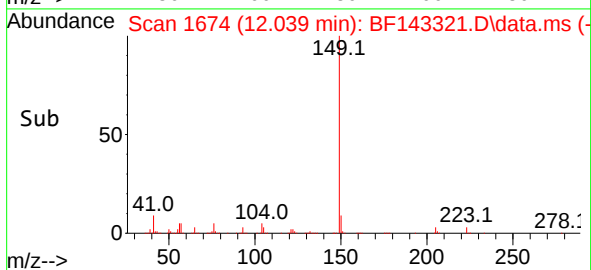
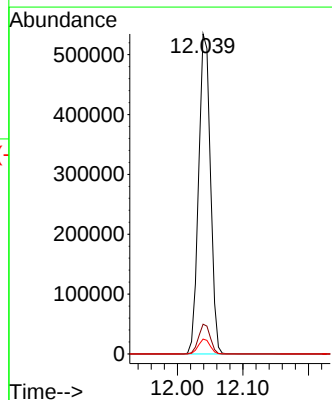
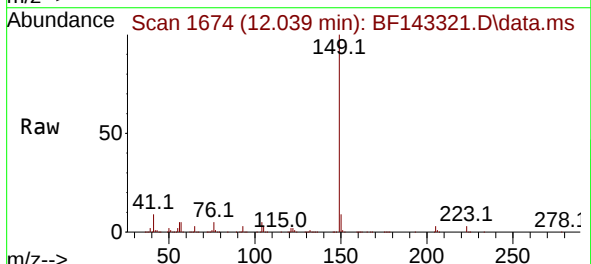
Tgt Ion:149 Resp: 671328

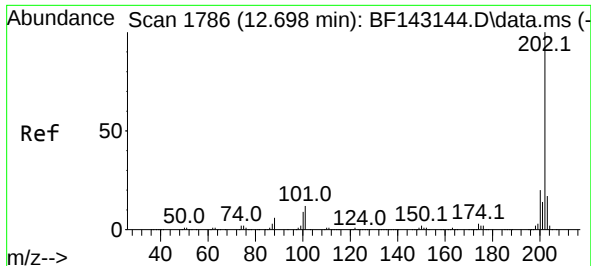
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

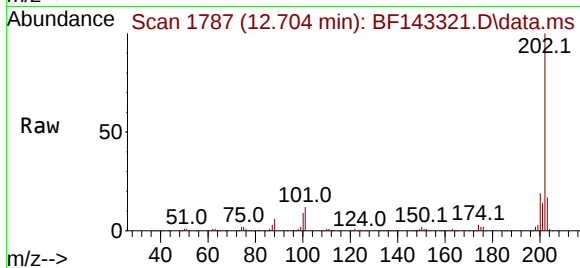
104 4.7 3.8 5.8



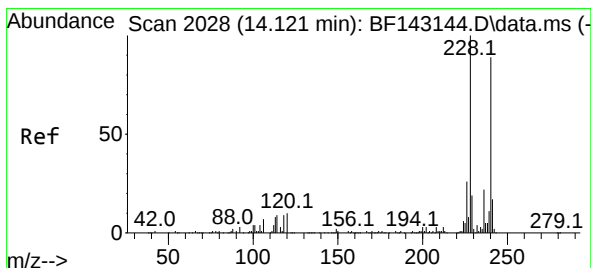
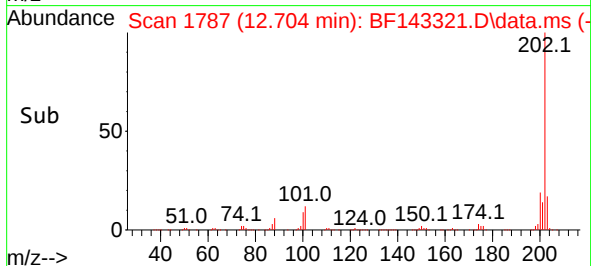
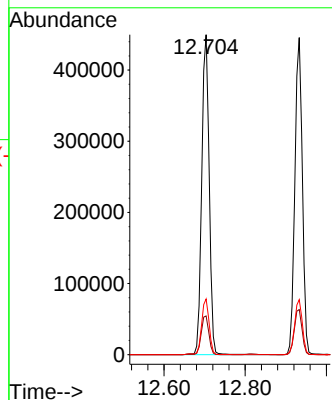


#75
Fluoranthene
Concen: 40.703 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

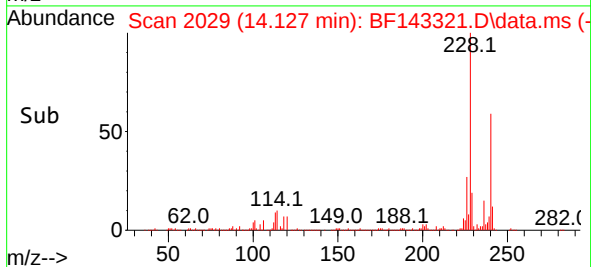
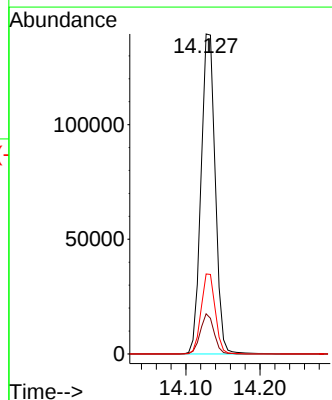
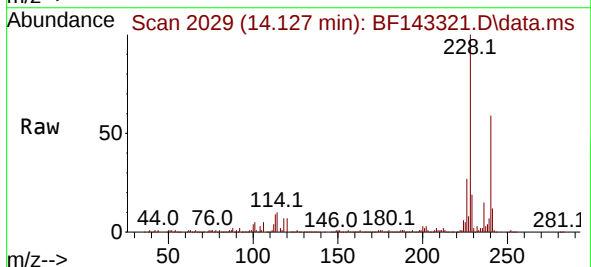


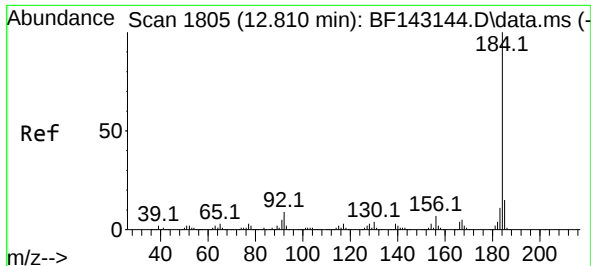
Tgt Ion:202 Resp: 571814
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.7
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:240 Resp: 185364
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 25.0 20.2 30.4

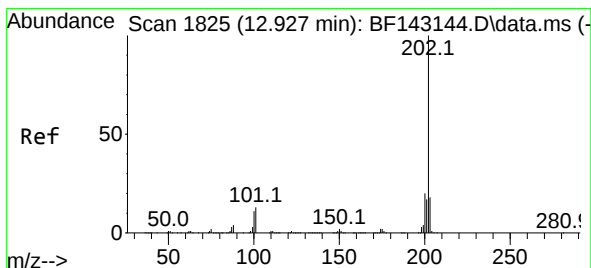
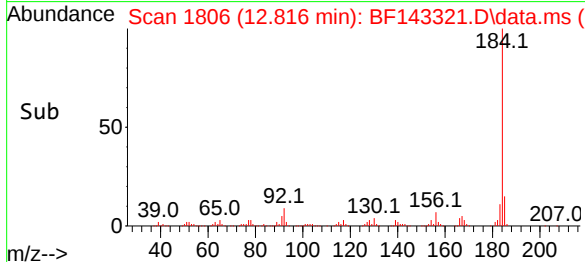
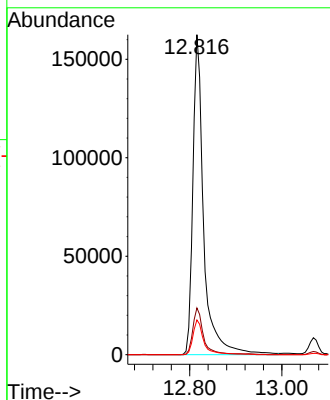
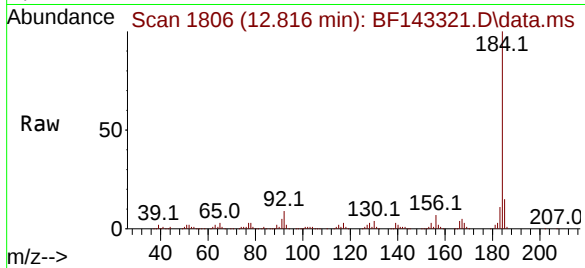




#77
Benzidine
Concen: 37.092 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.005 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

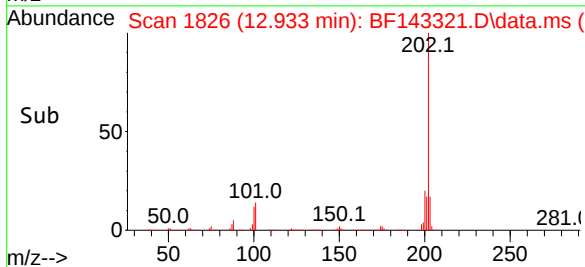
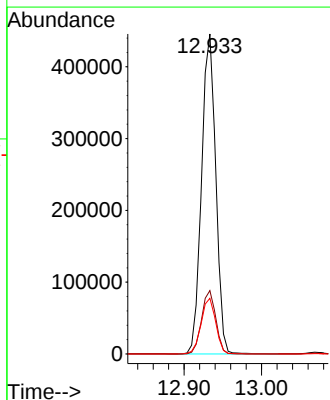
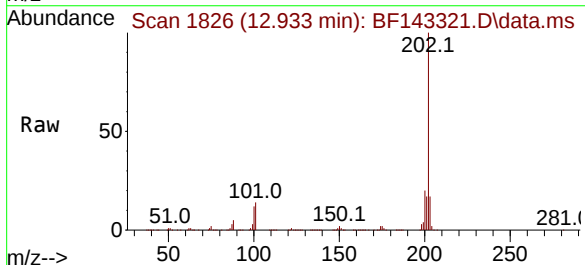
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

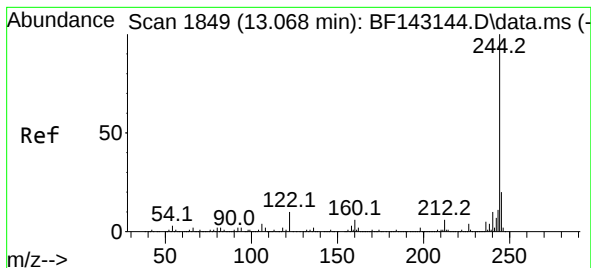
Tgt Ion:184 Resp: 264896
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 10.8 9.0 13.4



#78
Pyrene
Concen: 35.920 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:202 Resp: 568245
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 73.816 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

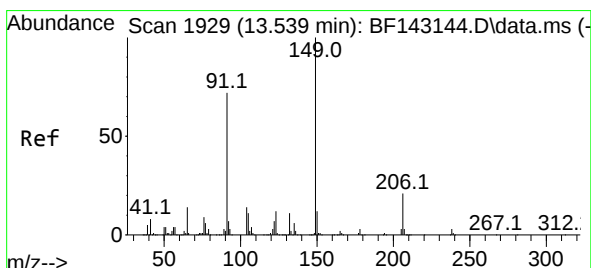
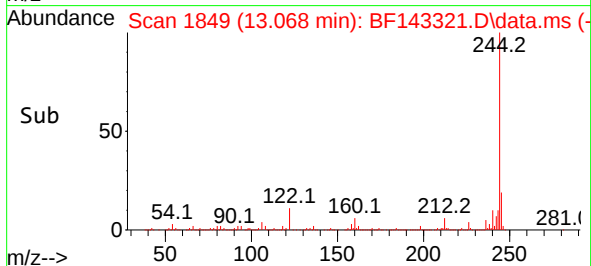
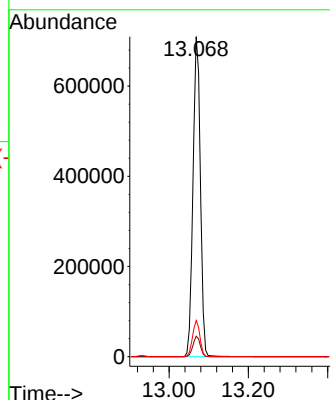
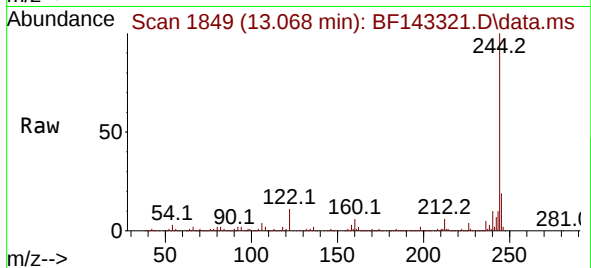
Tgt Ion:244 Resp: 919477

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

122 11.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 47.926 ng

RT: 13.539 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

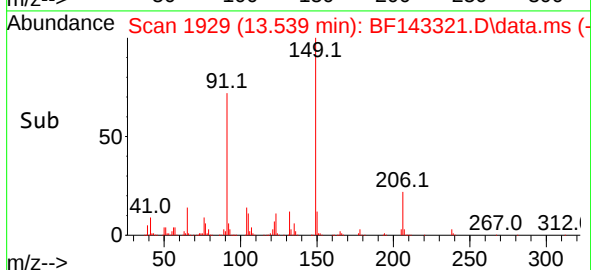
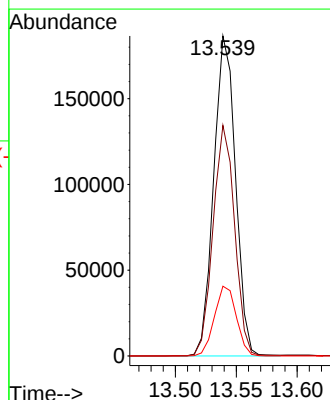
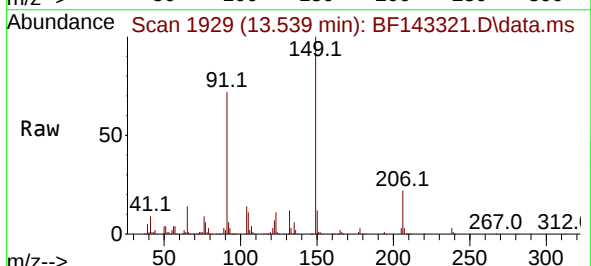
Tgt Ion:149 Resp: 232165

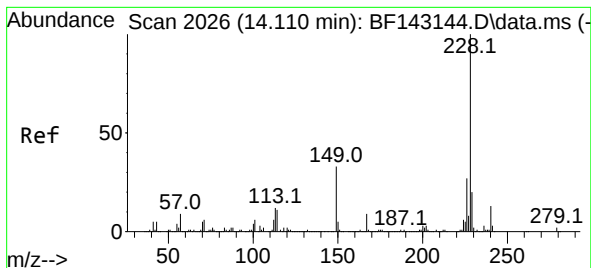
Ion Ratio Lower Upper

149 100

91 72.0 57.9 86.9

206 21.8 17.0 25.4





#81

Benzo(a)anthracene

Concen: 39.057 ng

RT: 14.121 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

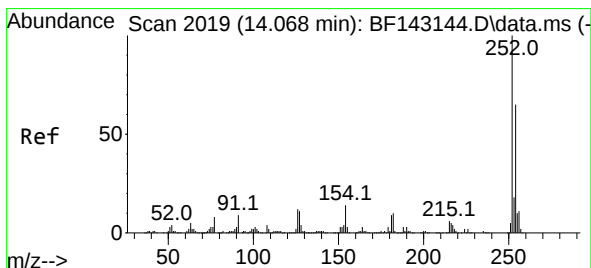
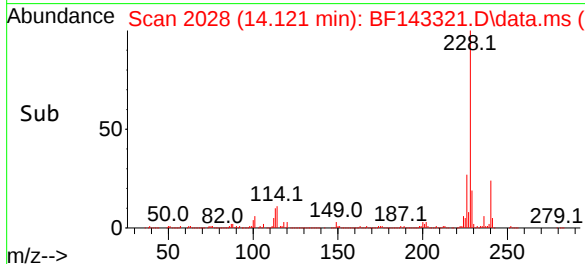
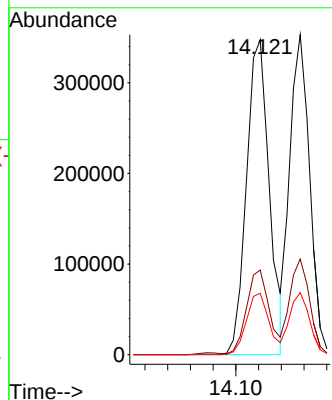
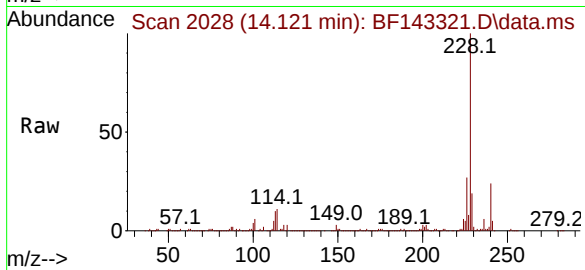
Tgt Ion:228 Resp: 484702

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.070 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

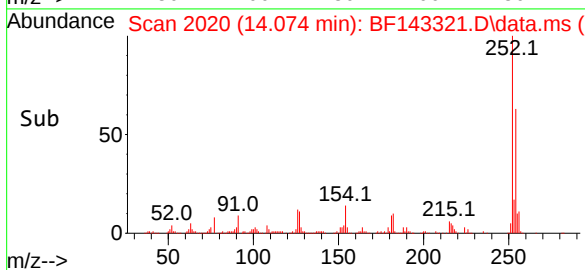
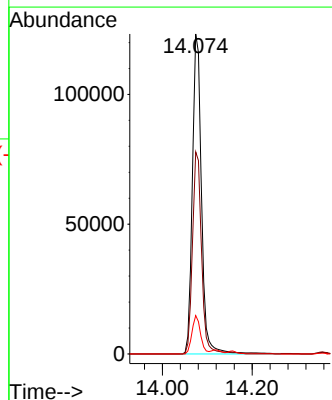
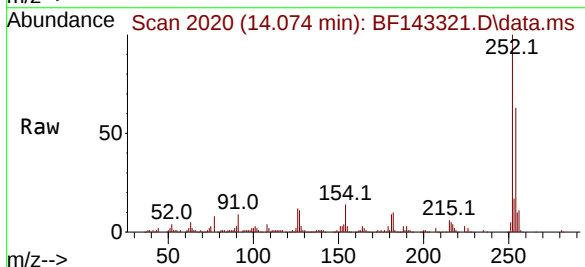
Tgt Ion:252 Resp: 174009

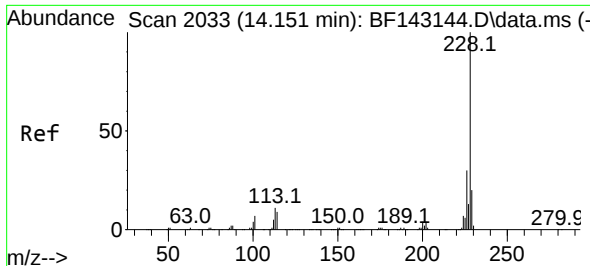
Ion Ratio Lower Upper

252 100

254 63.2 51.7 77.5

126 12.0 9.4 14.0

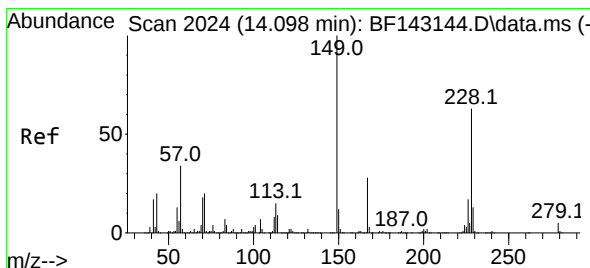
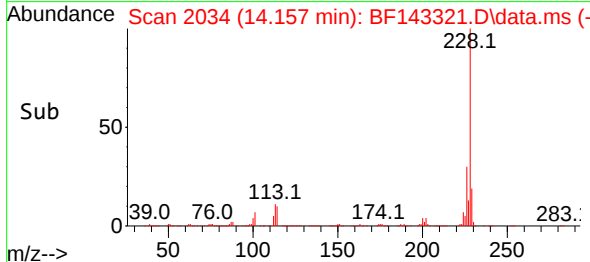
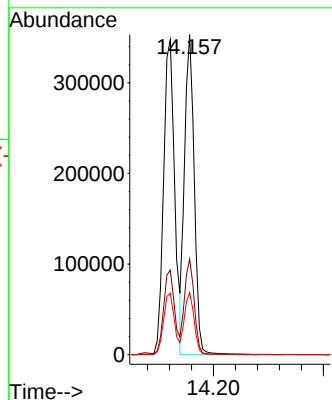
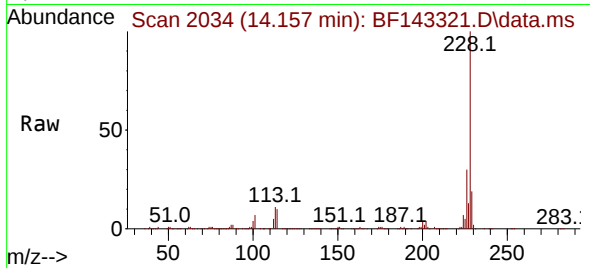




#83
Chrysene
Concen: 38.920 ng
RT: 14.157 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

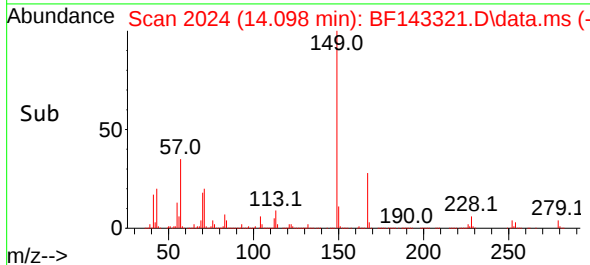
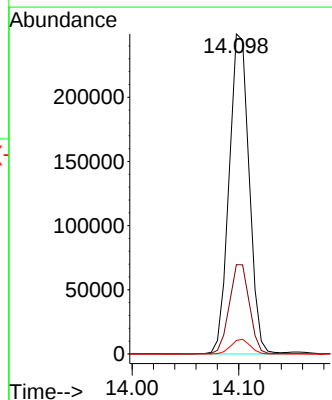
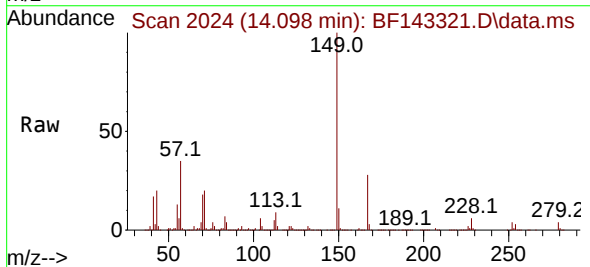
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

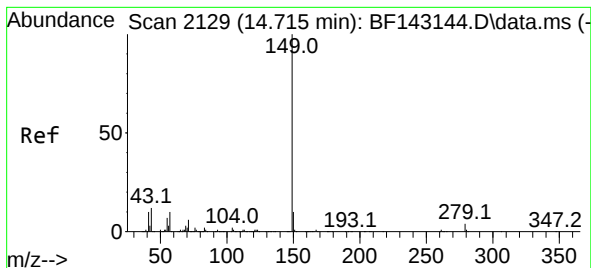
Tgt Ion:228 Resp: 434264
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.4 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.535 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:149 Resp: 326539
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.2 3.6 5.4

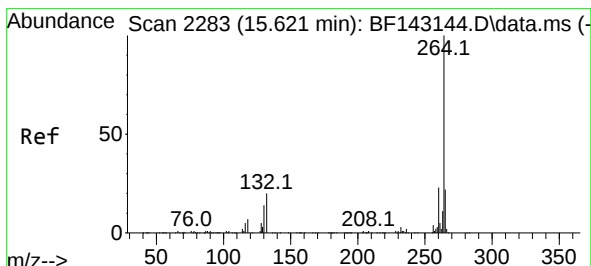
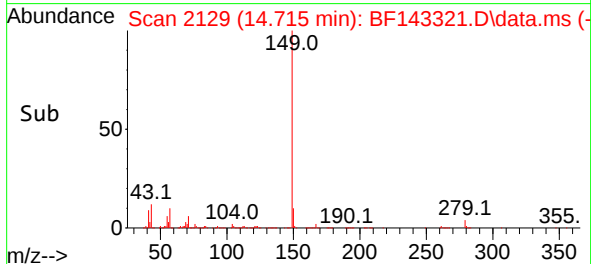
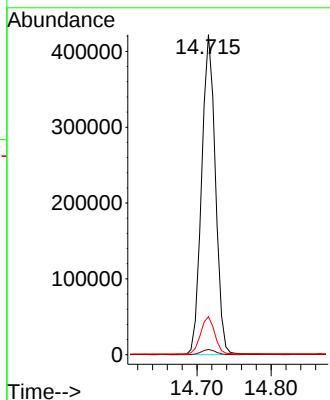
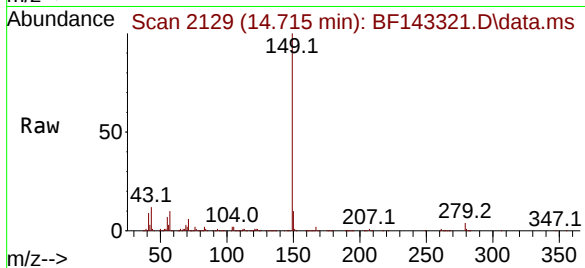




#85
Di-n-octyl phthalate
Concen: 40.976 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

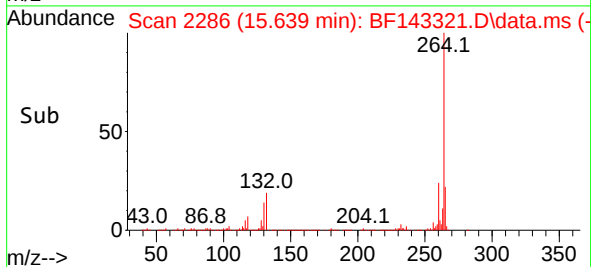
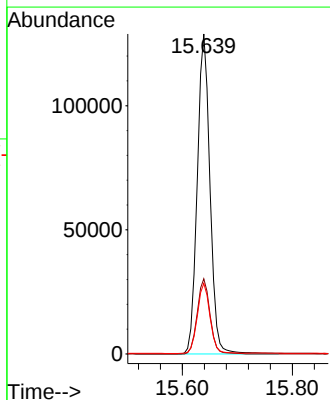
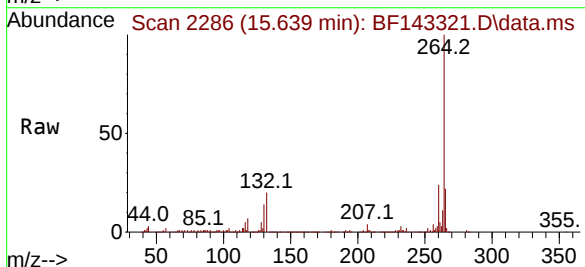
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

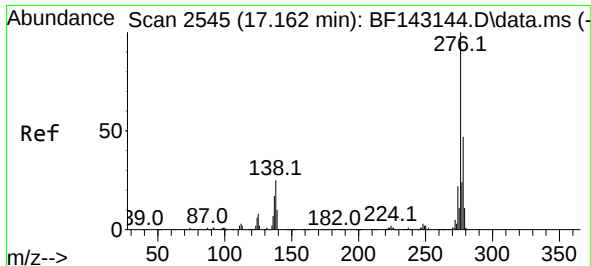
Tgt Ion:149 Resp: 544595
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7#
43 11.8 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:264 Resp: 207436
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 22.0 17.4 26.2

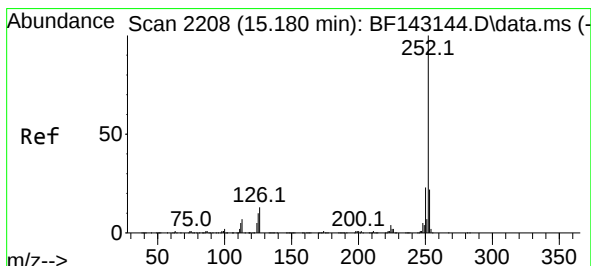
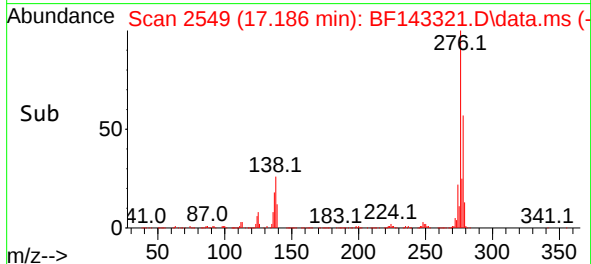
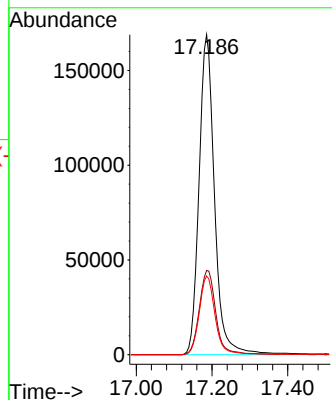
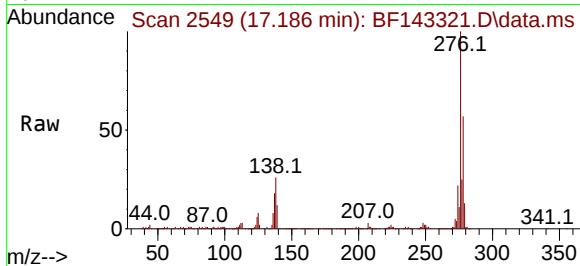




#87
Indeno(1,2,3-cd)pyrene
Concen: 32.708 ng
RT: 17.186 min Scan# 2110
Delta R.T. 0.023 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

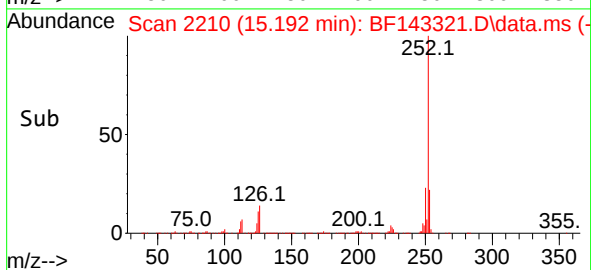
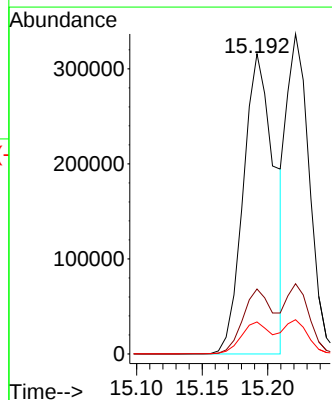
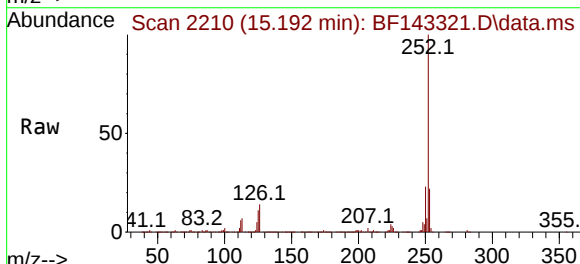
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

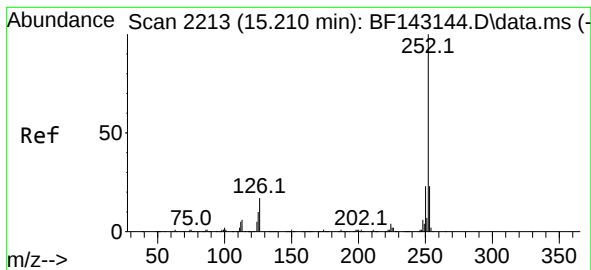
Tgt Ion:276 Resp: 478421
Ion Ratio Lower Upper
276 100
138 28.3 21.8 32.6
277 25.4 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 41.161 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143321.D
Acq: 06 Aug 2025 10:38

Tgt Ion:252 Resp: 521614
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 36.263 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

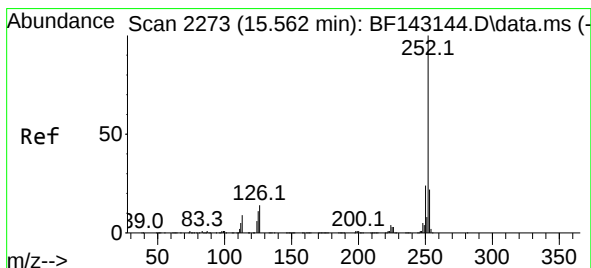
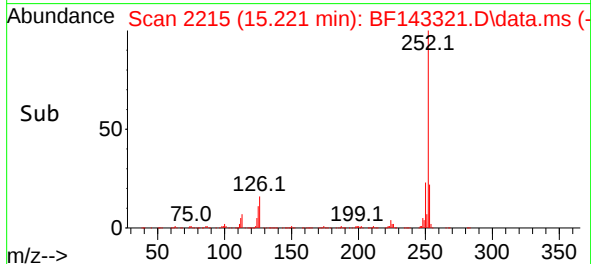
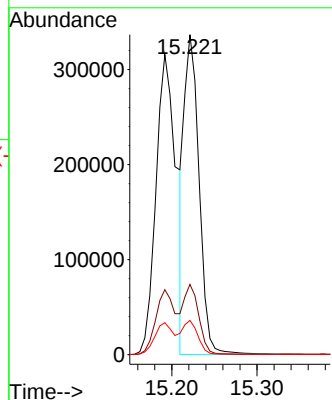
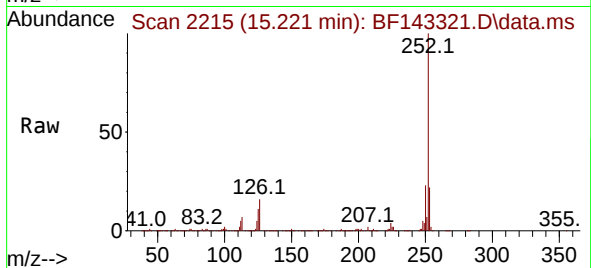
Tgt Ion:252 Resp: 410076

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.7 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.149 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.012 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

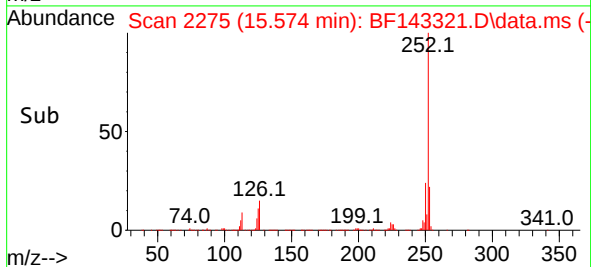
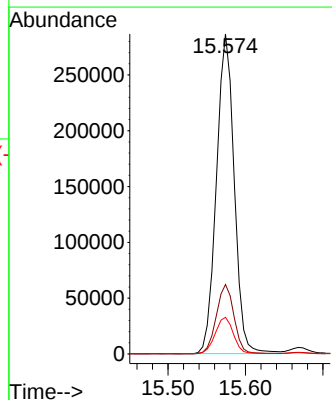
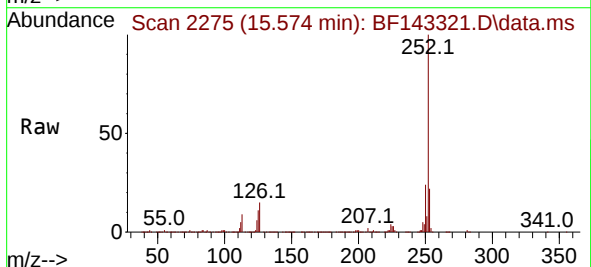
Tgt Ion:252 Resp: 457088

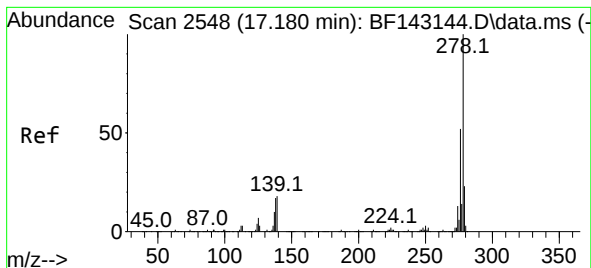
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 11.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 32.679 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

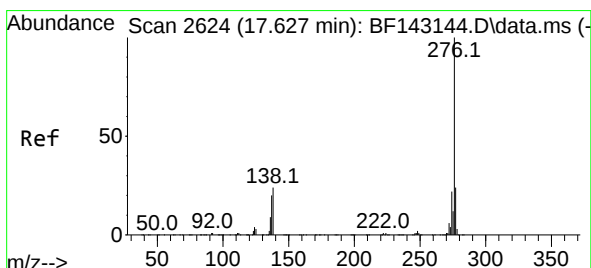
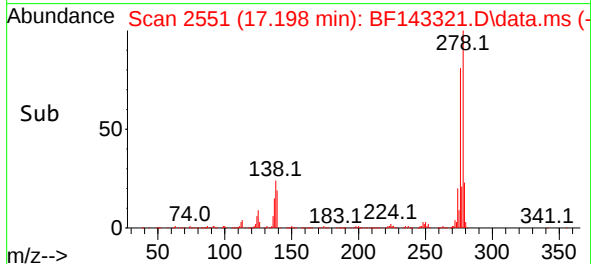
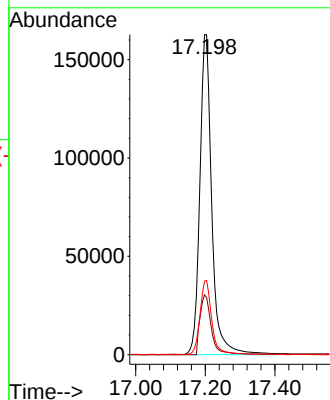
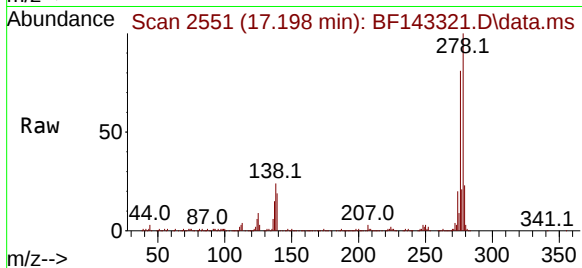
Tgt Ion:278 Resp: 389063

Ion Ratio Lower Upper

278 100

139 18.7 14.1 21.1

279 23.0 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 32.680 ng

RT: 17.650 min Scan# 2628

Delta R.T. 0.023 min

Lab File: BF143321.D

Acq: 06 Aug 2025 10:38

Tgt Ion:276 Resp: 376357

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 24.4 18.9 28.3

