

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143498.D
 Acq On : 20 Aug 2025 22:05
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 21 06:37:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	138596	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	522619	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	286971	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	448105	20.000	ng	0.00
76) Chrysene-d12	14.098	240	253253	20.000	ng	0.00
86) Perylene-d12	15.592	264	290056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	637738	80.348	ng	0.00
7) Phenol-d6	6.563	99	773234	78.917	ng	-0.01
23) Nitrobenzene-d5	7.487	82	729626	81.469	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	211727	79.261	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1303360	75.061	ng	0.00
79) Terphenyl-d14	13.033	244	1165752	80.326	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	140603	38.239	ng	98
3) Pyridine	3.516	79	375727	38.366	ng	98
4) n-Nitrosodimethylamine	3.463	42	178227	40.483	ng	96
6) Aniline	6.593	93	522533	39.899	ng	97
8) 2-Chlorophenol	6.716	128	352106	40.164	ng	100
9) Benzaldehyde	6.481	77	299609	37.769	ng	99
10) Phenol	6.581	94	457188	40.504	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	335666	39.795	ng	100
12) 1,3-Dichlorobenzene	6.869	146	387151	39.304	ng	99
13) 1,4-Dichlorobenzene	6.945	146	392595	39.733	ng	99
14) 1,2-Dichlorobenzene	7.098	146	368248	39.364	ng	99
15) Benzyl Alcohol	7.069	79	295313	40.257	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	540115	40.025	ng	98
17) 2-Methylphenol	7.181	107	283139	40.241	ng	97
18) Hexachloroethane	7.440	117	133370	39.700	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	236284	39.455	ng	99
20) 3+4-Methylphenols	7.334	107	338683	40.322	ng	99
22) Acetophenone	7.334	105	443559	39.285	ng	98
24) Nitrobenzene	7.510	77	377880	40.995	ng	100
25) Isophorone	7.745	82	663816	40.435	ng	100
26) 2-Nitrophenol	7.822	139	189065	41.873	ng	96
27) 2,4-Dimethylphenol	7.863	122	282610	40.152	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	402537	39.898	ng	99
29) 2,4-Dichlorophenol	8.069	162	303216	40.336	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	300881	38.930	ng	99
31) Naphthalene	8.234	128	975102	38.863	ng	100
32) Benzoic acid	7.981	122	142723	37.123	ng	99
33) 4-Chloroaniline	8.275	127	358457	40.252	ng	98
34) Hexachlorobutadiene	8.351	225	200566	39.776	ng	100
35) Caprolactam	8.651	113	81048	44.931	ng	94
36) 4-Chloro-3-methylphenol	8.763	107	306743	40.718	ng	99
37) 2-Methylnaphthalene	8.922	142	658303	39.283	ng	100
38) 1-Methylnaphthalene	9.022	142	632252	39.442	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	317550	38.686	ng	100
41) Hexachlorocyclopentadiene	9.081	237	93698	33.457	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	204187	40.426	ng	100

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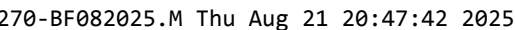
Instrument :
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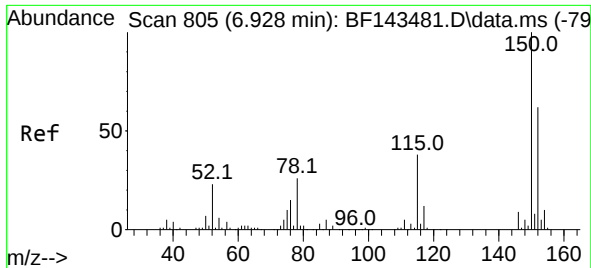
Quant Time: Aug 21 06:37:22 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	216241	39.194	ng	99
46) 1,1'-Biphenyl	9.386	154	788125	38.693	ng	100
47) 2-Chloronaphthalene	9.410	162	631796	39.533	ng	98
48) 2-Nitroaniline	9.504	65	195526	41.804	ng	99
49) Acenaphthylene	9.828	152	903587	39.486	ng	100
50) Dimethylphthalate	9.681	163	704558	40.765	ng	100
51) 2,6-Dinitrotoluene	9.745	165	150329	41.967	ng	99
52) Acenaphthene	9.998	154	609043	39.200	ng	100
53) 3-Nitroaniline	9.916	138	164001	42.370	ng	100
54) 2,4-Dinitrophenol	10.028	184	56727	32.946	ng	99
55) Dibenzofuran	10.175	168	871391	39.338	ng	99
56) 4-Nitrophenol	10.081	139	99803	43.335	ng	93
57) 2,4-Dinitrotoluene	10.151	165	203299	42.505	ng	98
58) Fluorene	10.516	166	663350	38.909	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	169934	41.458	ng	99
60) Diethylphthalate	10.381	149	633362	40.873	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	331842	38.920	ng	99
62) 4-Nitroaniline	10.528	138	154077	43.337	ng	96
63) Azobenzene	10.663	77	653457	40.670	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	98928	39.155	ng	99
66) n-Nitrosodiphenylamine	10.622	169	562277	38.990	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	212441	39.734	ng	96
68) Hexachlorobenzene	11.069	284	221451	38.425	ng	98
69) Atrazine	11.145	200	166044	44.605	ng	99
70) Pentachlorophenol	11.263	266	107054	40.559	ng	100
71) Phenanthrene	11.480	178	931062	38.800	ng	100
72) Anthracene	11.533	178	949077	39.041	ng	100
73) Carbazole	11.680	167	795296	39.926	ng	99
74) Di-n-butylphthalate	12.010	149	816139	43.920	ng	99
75) Fluoranthene	12.669	202	862364	40.050	ng	100
77) Benzidine	12.786	184	284041	46.044	ng	99
78) Pyrene	12.898	202	843384	40.485	ng	100
80) Butylbenzylphthalate	13.504	149	242873	42.677	ng	97
81) Benzo(a)anthracene	14.086	228	635317	38.965	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	187129	40.076	ng	99
83) Chrysene	14.121	228	595706	40.656	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	337867	38.980	ng	99
85) Di-n-octyl phthalate	14.680	149	615416	38.327	ng	99
87) Indeno(1,2,3-cd)pyrene	17.127	276	861001	41.308	ng	100
88) Benzo(b)fluoranthene	15.157	252	642454	39.847	ng	100
89) Benzo(k)fluoranthene	15.186	252	608451	39.415	ng	99
90) Benzo(a)pyrene	15.533	252	599182	40.037	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	692716	41.497	ng	99
92) Benzo(g,h,i)perylene	17.586	276	683631	41.185	ng	99

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

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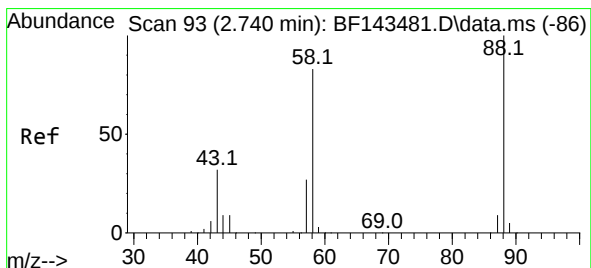
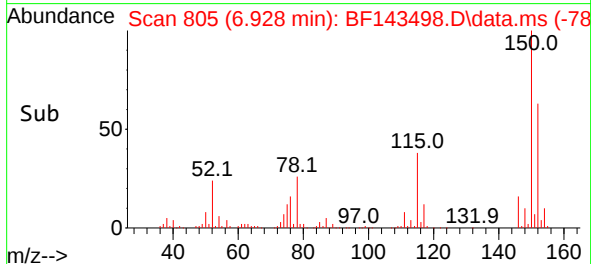
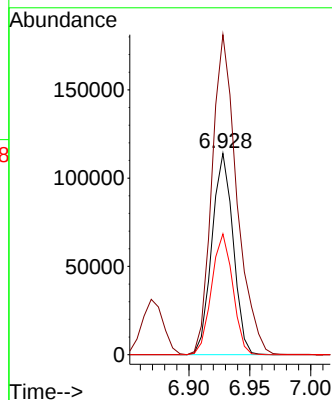
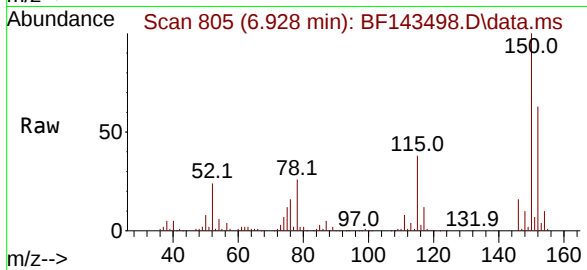




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143498.D
 Acq: 20 Aug 2025 22:05

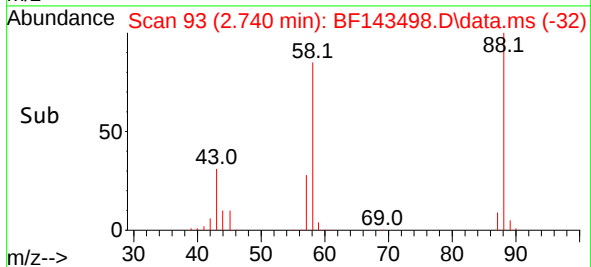
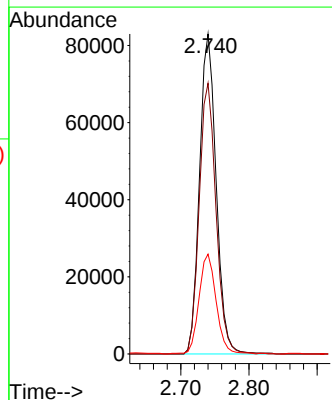
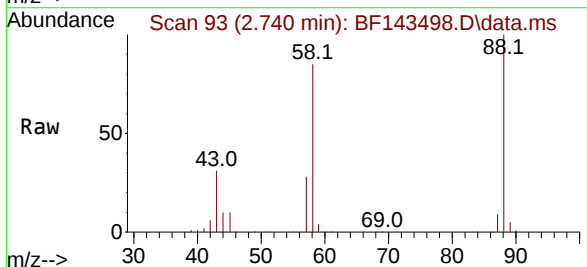
Instrument :
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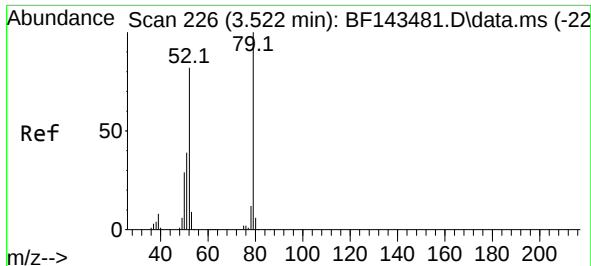
Tgt Ion:152 Resp: 138596
 Ion Ratio Lower Upper
 152 100
 150 159.0 128.9 193.3
 115 60.0 49.2 73.8



#2
 1,4-Dioxane
 Concen: 38.239 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.006 min
 Lab File: BF143498.D
 Acq: 20 Aug 2025 22:05

Tgt Ion: 88 Resp: 140603
 Ion Ratio Lower Upper
 88 100
 58 85.9 66.7 100.1
 43 32.3 25.8 38.8





#3

Pyridine

Concen: 38.366 ng

RT: 3.516 min Scan# 216

Delta R.T. 0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

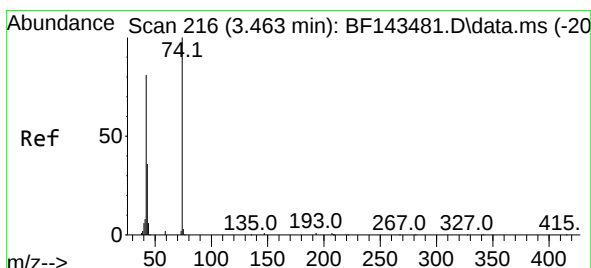
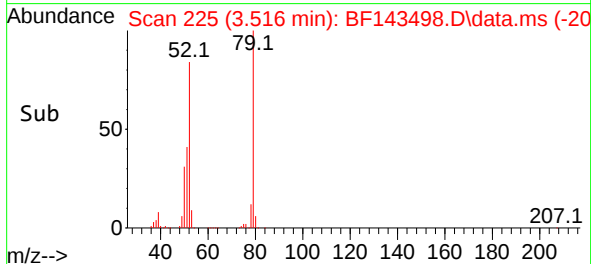
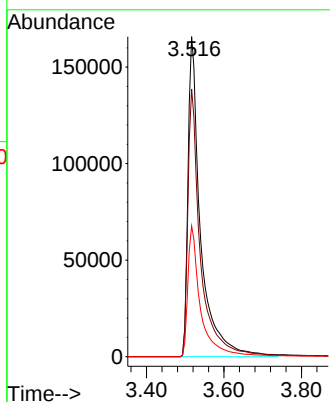
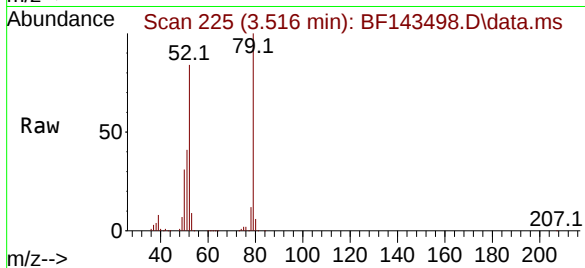
Tgt Ion: 79 Resp: 375727

Ion Ratio Lower Upper

79 100

52 83.7 65.6 98.4

51 40.9 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 40.483 ng

RT: 3.463 min Scan# 216

Delta R.T. -0.012 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

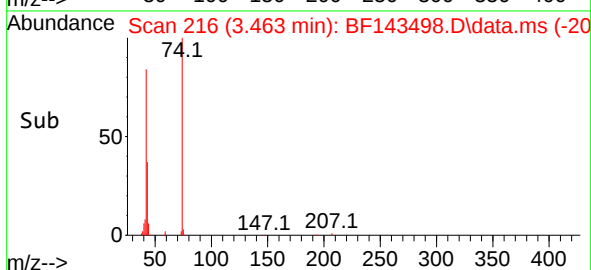
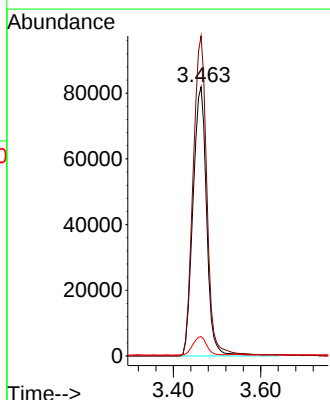
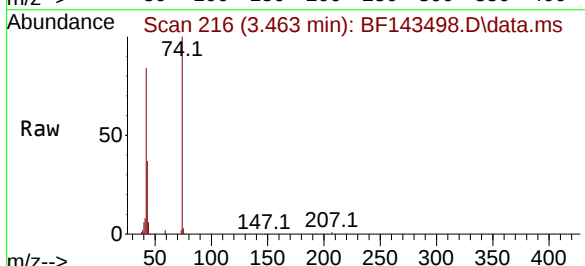
Tgt Ion: 42 Resp: 178227

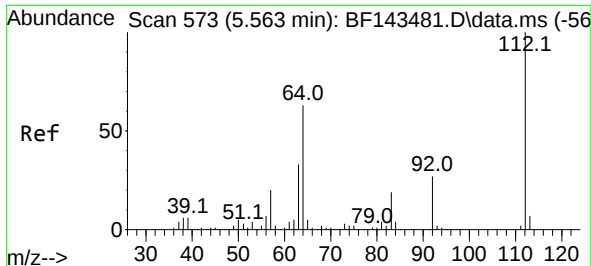
Ion Ratio Lower Upper

42 100

74 118.9 98.6 148.0

44 7.2 5.8 8.8

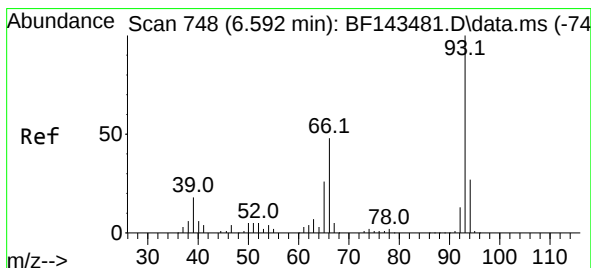
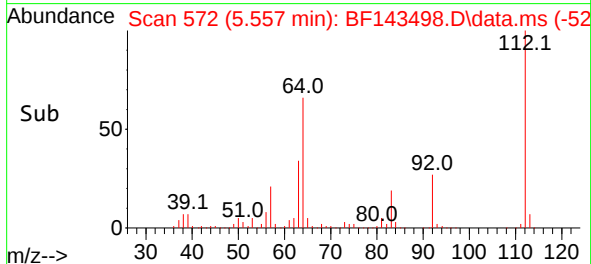
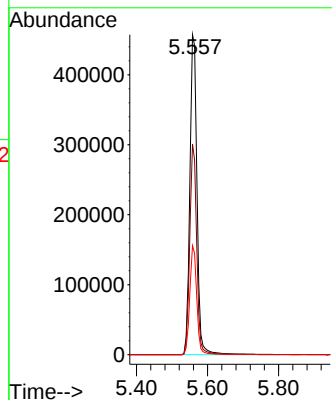
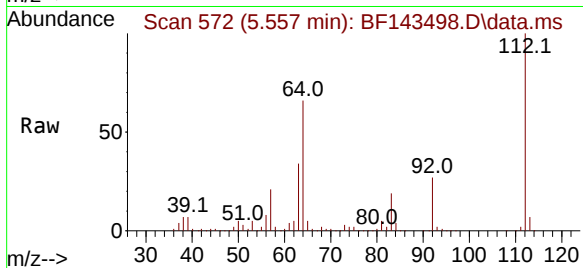




#5
2-Fluorophenol
Concen: 80.348 ng
RT: 5.557 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

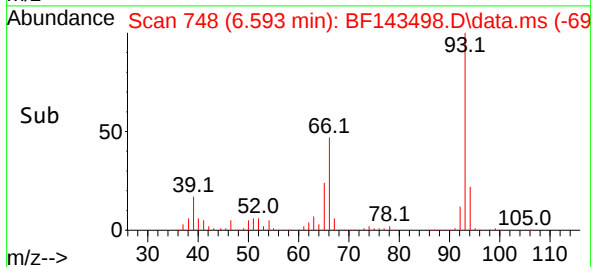
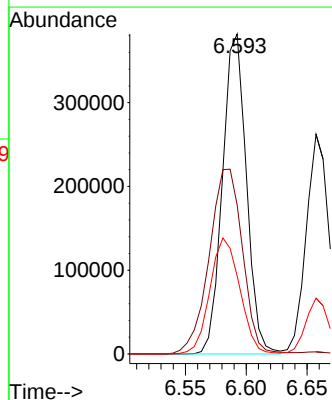
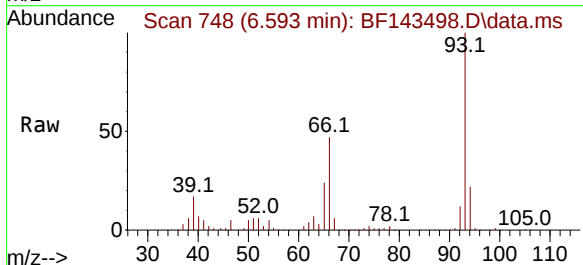
Instrument :
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ClientSampleId :
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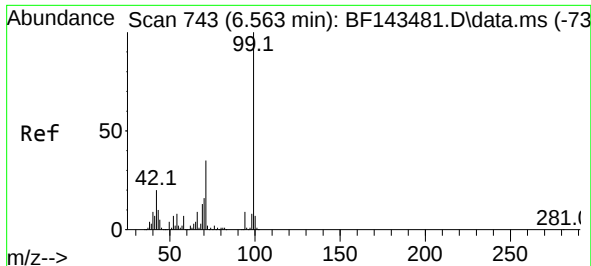
Tgt Ion:112 Resp: 637738
Ion Ratio Lower Upper
112 100
64 65.9 50.4 75.6
63 34.1 26.4 39.6



#6
Aniline
Concen: 39.899 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion: 93 Resp: 522533
Ion Ratio Lower Upper
93 100
66 46.6 38.9 58.3
65 24.4 20.6 30.8

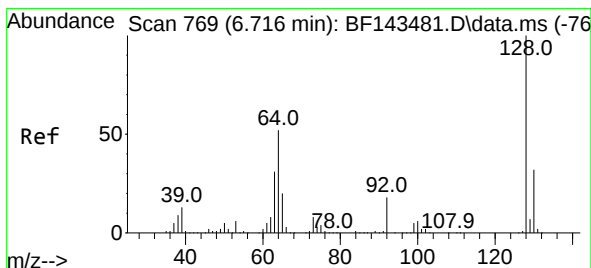
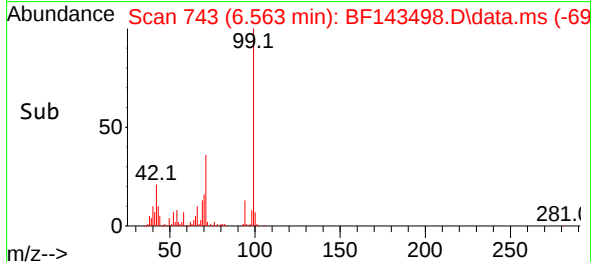
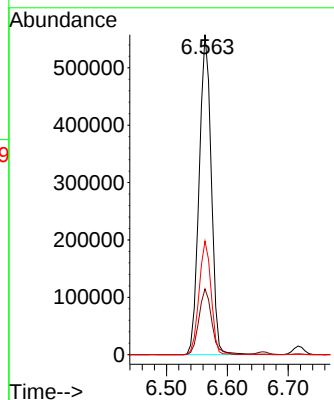
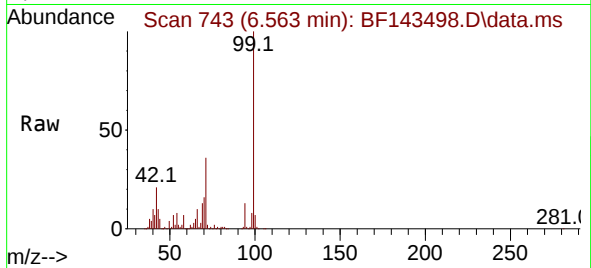




#7
Phenol-d6
Concen: 78.917 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

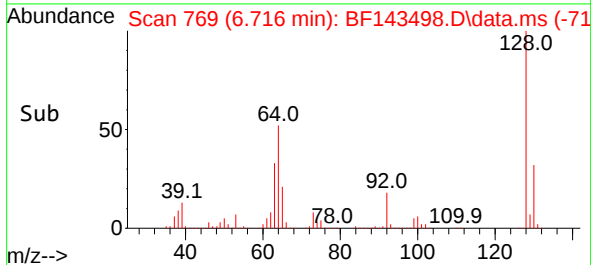
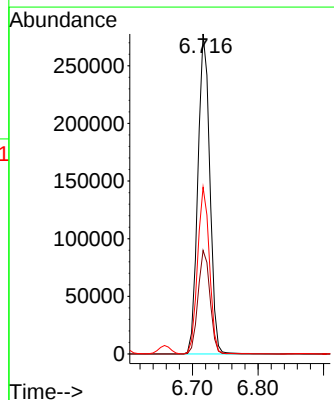
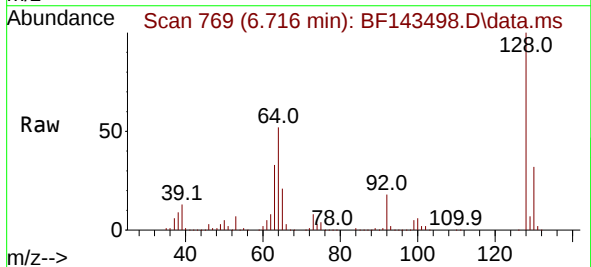
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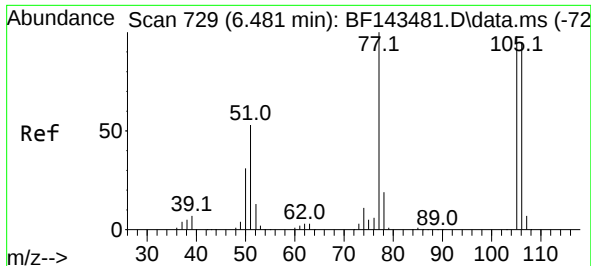
Tgt Ion: 99 Resp: 773234
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 35.5 28.2 42.2



#8
2-Chlorophenol
Concen: 40.164 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion: 128 Resp: 352106
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 52.1 31.6 71.6



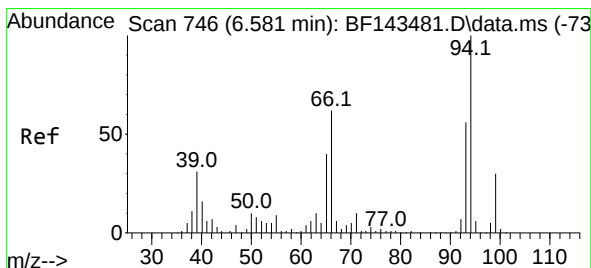
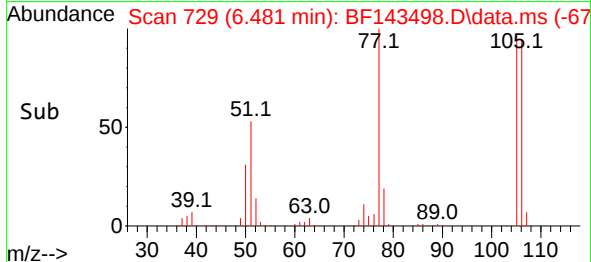
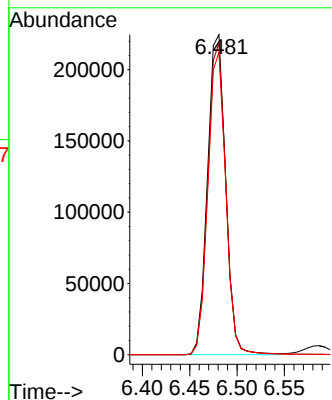
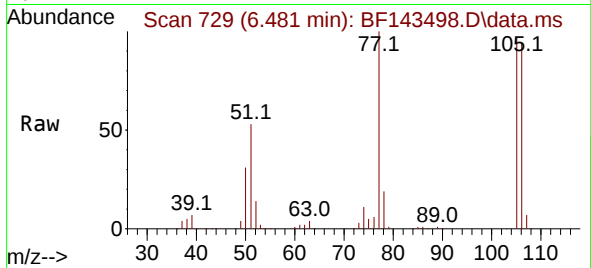


#9
Benzaldehyde
Concen: 37.769 ng
RT: 6.481 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 299609

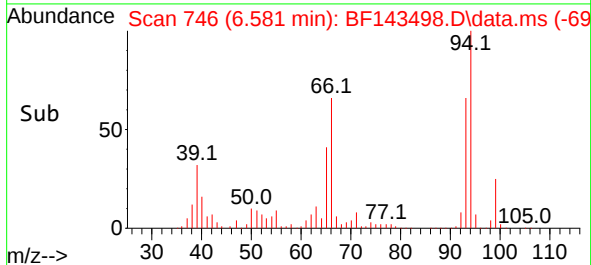
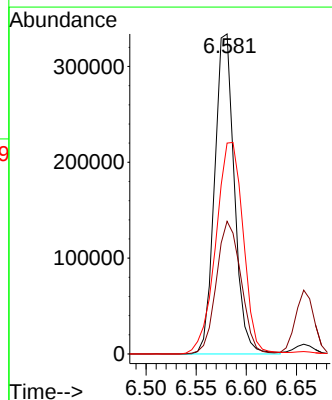
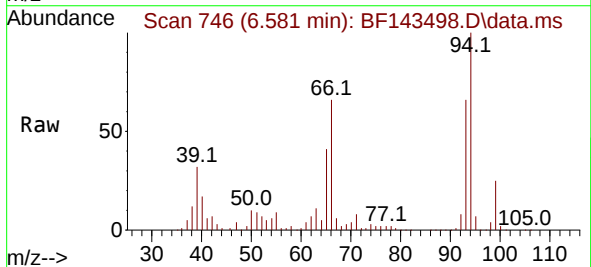
Ion	Ratio	Lower	Upper
77	100		
105	97.4	78.1	118.1
106	94.5	74.9	114.9

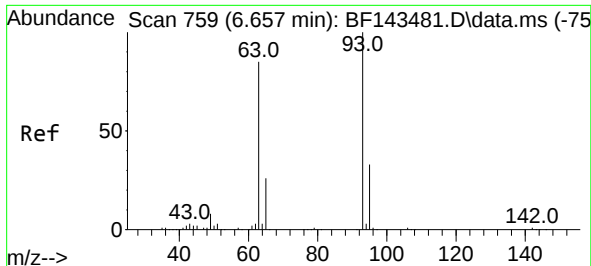


#10
Phenol
Concen: 40.504 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion: 94 Resp: 457188

Ion	Ratio	Lower	Upper
94	100		
65	41.5	19.5	59.5
66	65.9	42.5	82.5

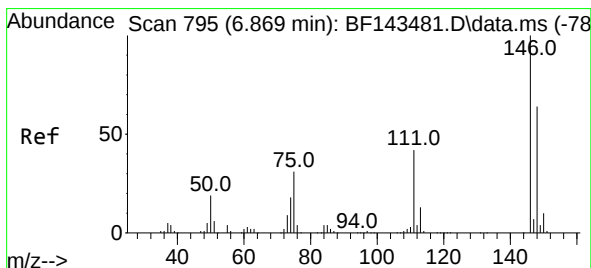
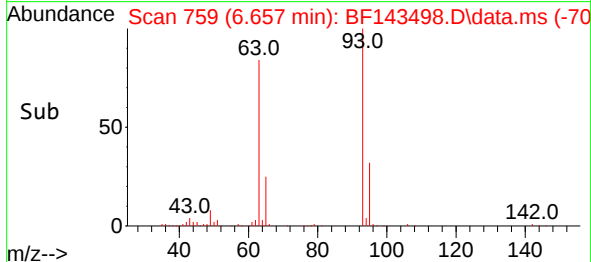
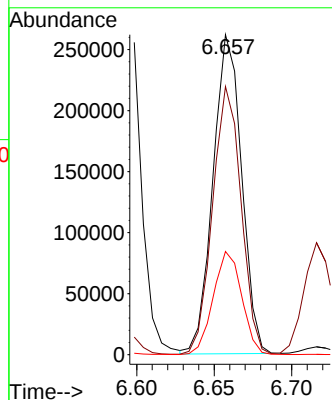
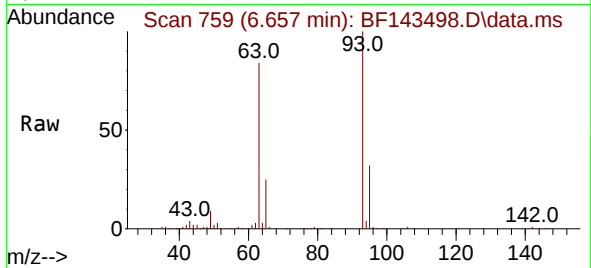




#11
bis(2-Chloroethyl)ether
Concen: 39.795 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

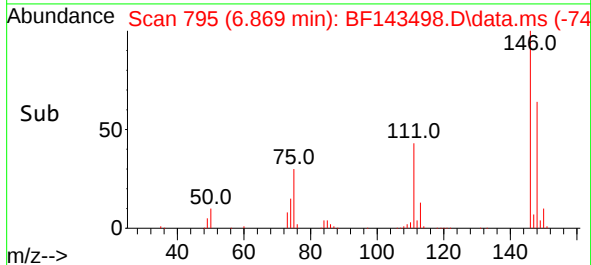
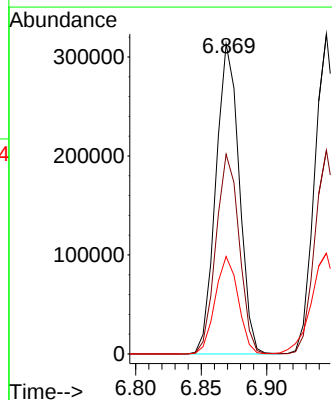
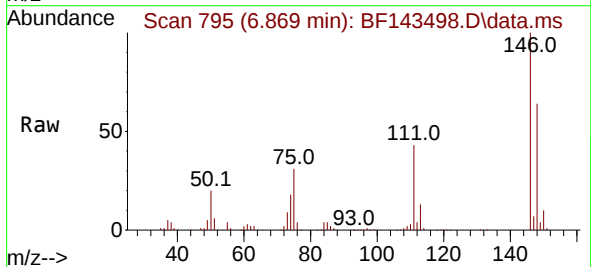
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

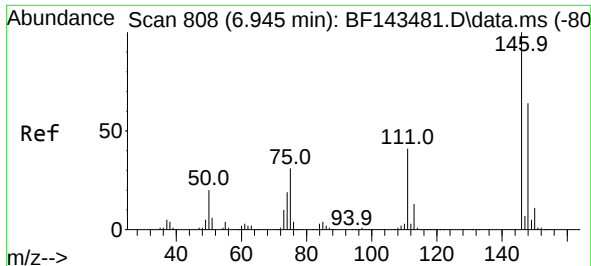
Tgt Ion: 93 Resp: 335666
Ion Ratio Lower Upper
93 100
63 83.8 63.6 103.6
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.304 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:146 Resp: 387151
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
75 31.4 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 39.733 ng

RT: 6.945 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

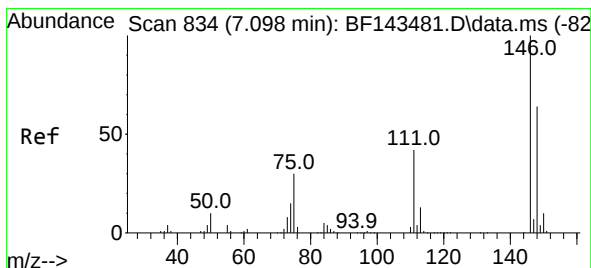
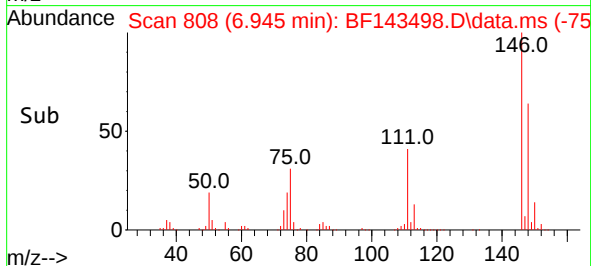
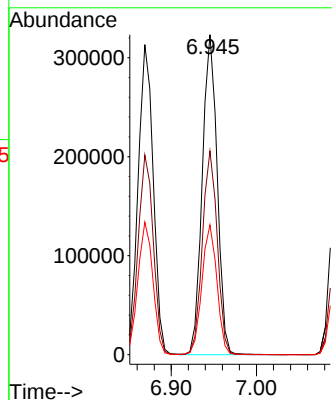
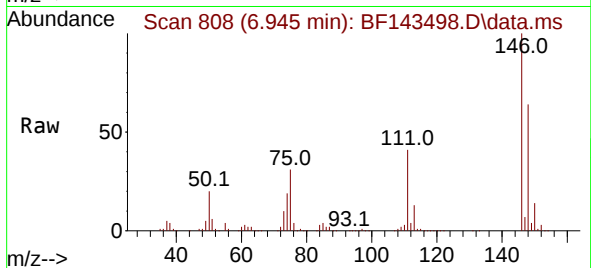
Tgt Ion:146 Resp: 392595

Ion Ratio Lower Upper

146 100

148 63.7 51.5 77.3

111 40.5 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 39.364 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

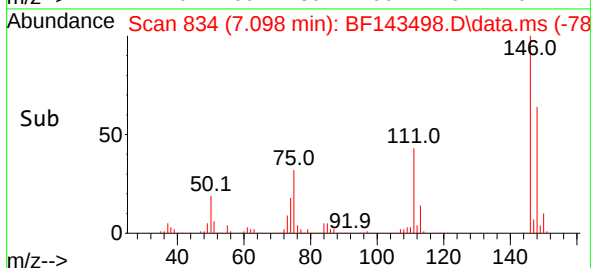
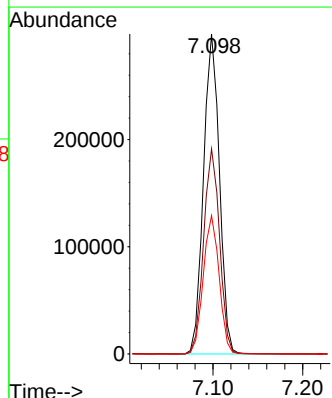
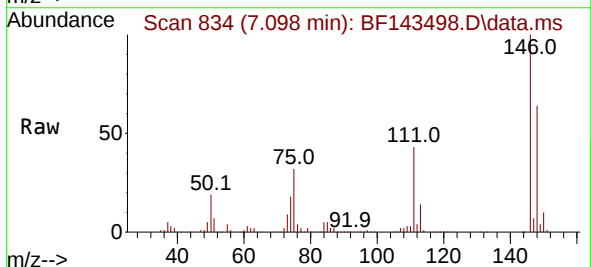
Tgt Ion:146 Resp: 368248

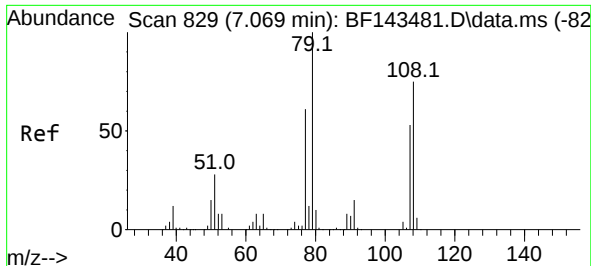
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 43.2 34.0 51.0

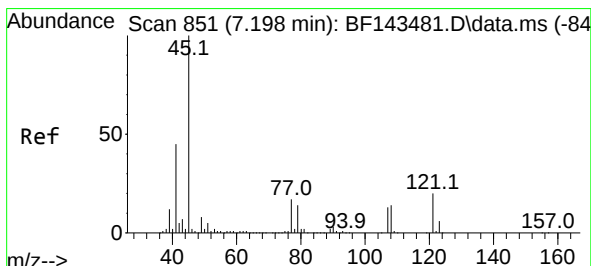
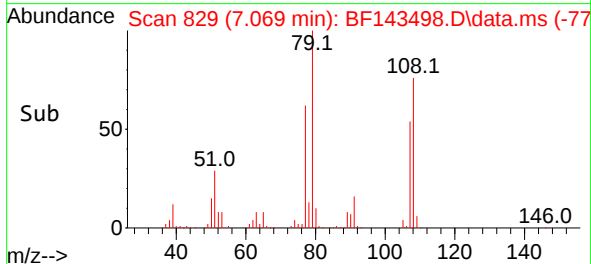
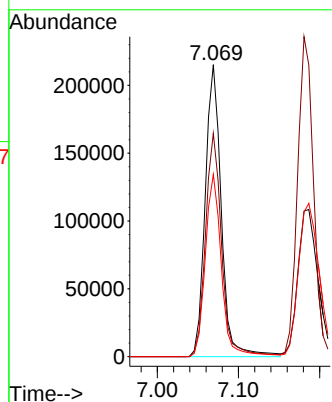
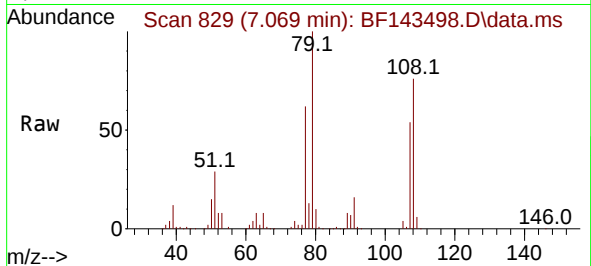




#15
Benzyl Alcohol
Concen: 40.257 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

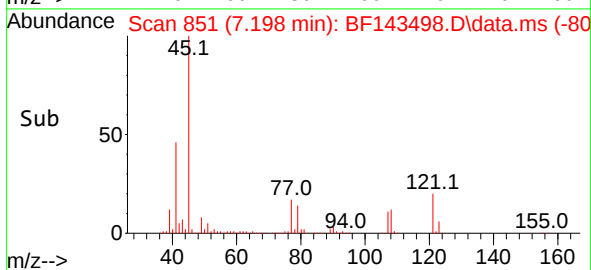
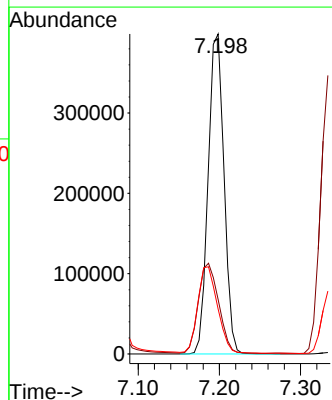
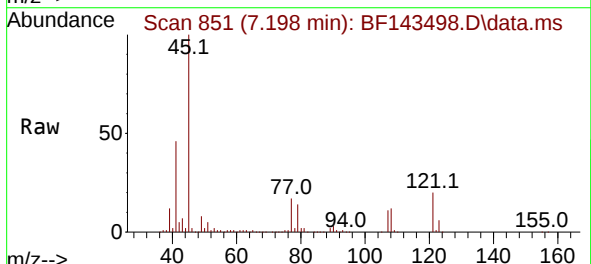
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

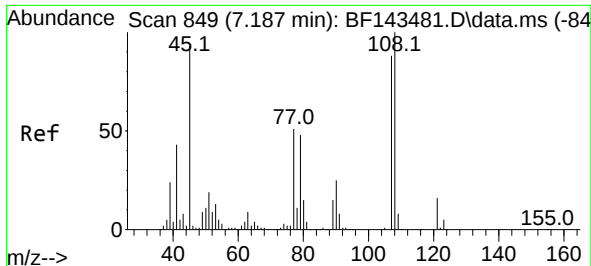
Tgt Ion: 79 Resp: 295313
Ion Ratio Lower Upper
79 100
108 76.5 59.8 89.6
77 62.4 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.025 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion: 45 Resp: 540115
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.9
79 14.0 0.0 34.7

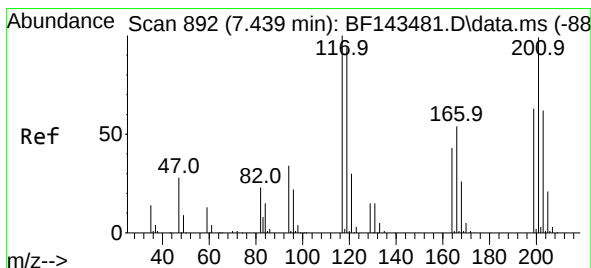
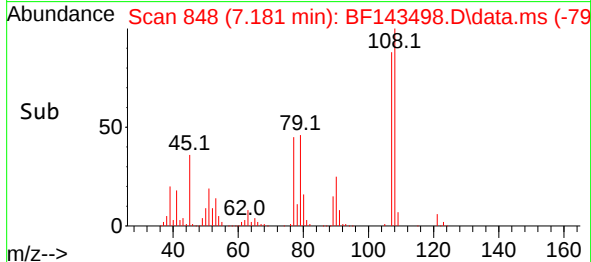
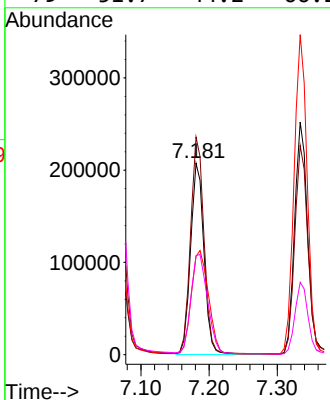
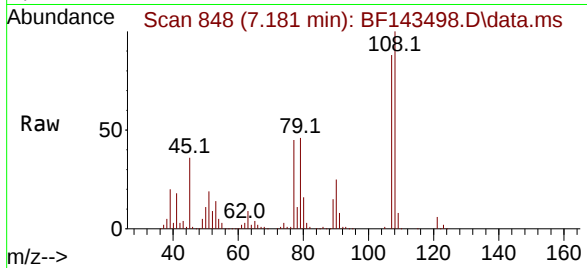




#17
2-Methylphenol
Concen: 40.241 ng
RT: 7.181 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

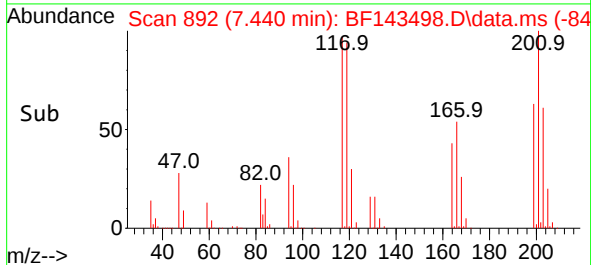
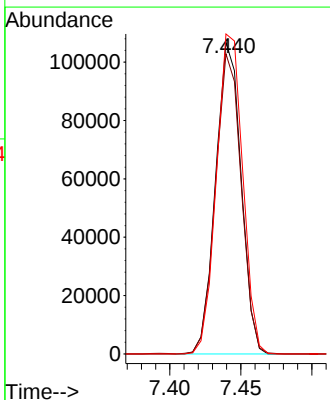
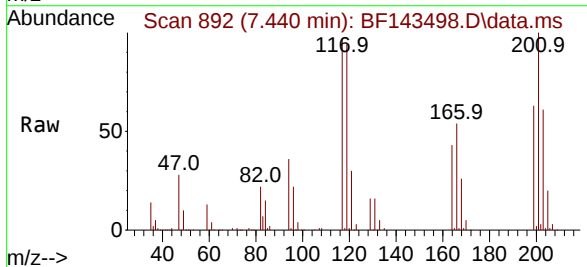
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

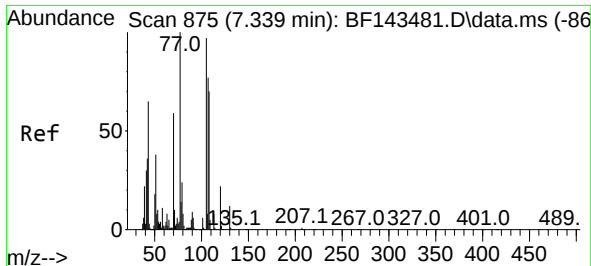
Tgt Ion:	107	Resp:	283139
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.1	136.7
77	51.4	46.2	69.4
79	51.7	44.2	66.2



#18
Hexachloroethane
Concen: 39.700 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:	117	Resp:	133370
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.4	113.0
201	102.7	79.0	118.4

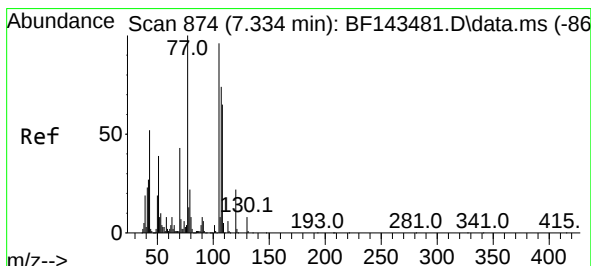
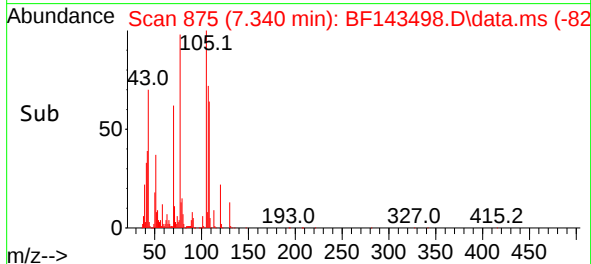
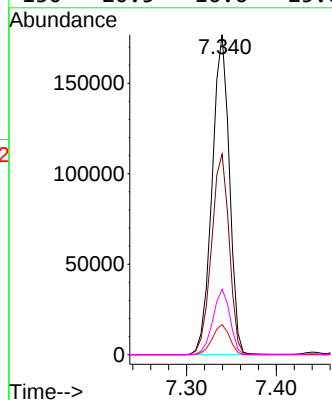
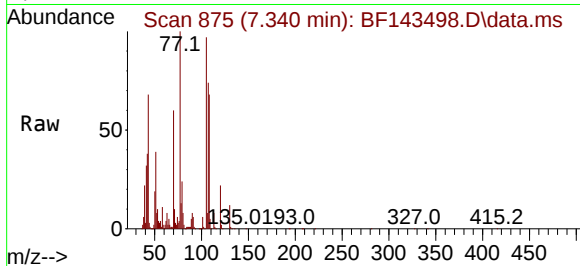




#19
n-Nitroso-di-n-propylamine
Concen: 39.455 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

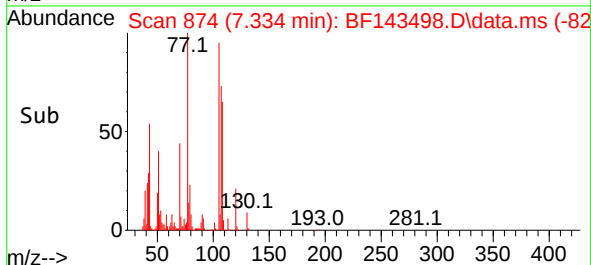
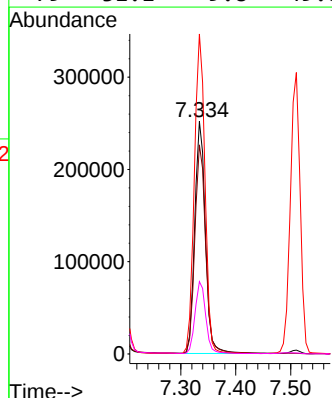
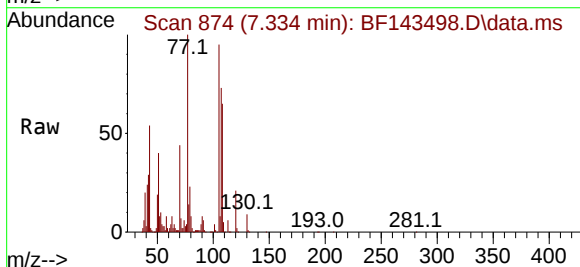
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

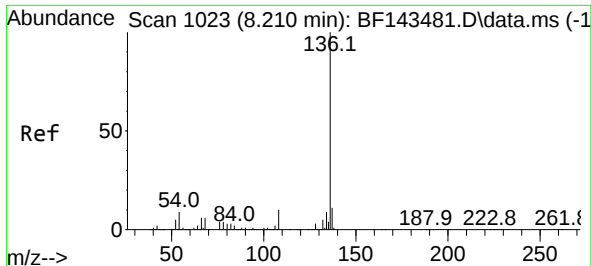
Tgt Ion: 70 Resp: 236284
Ion Ratio Lower Upper
70 100
42 62.7 49.3 73.9
101 9.4 7.8 11.8
130 20.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.322 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion: 107 Resp: 338683
Ion Ratio Lower Upper
107 100
108 89.9 68.4 108.4
77 137.6 116.1 156.1
79 31.1 9.8 49.8

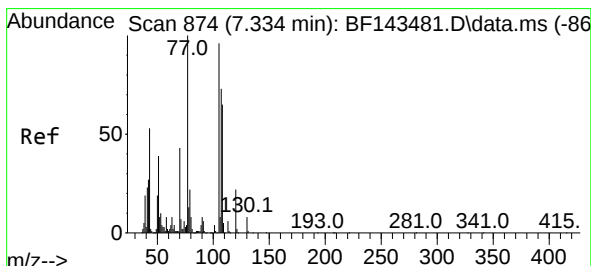
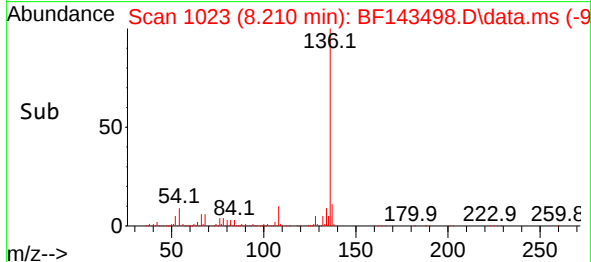
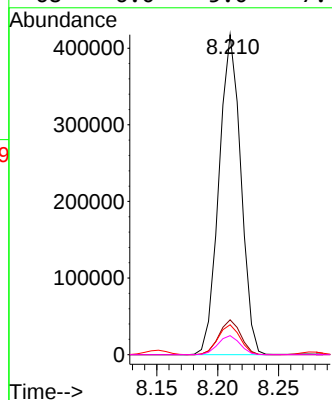
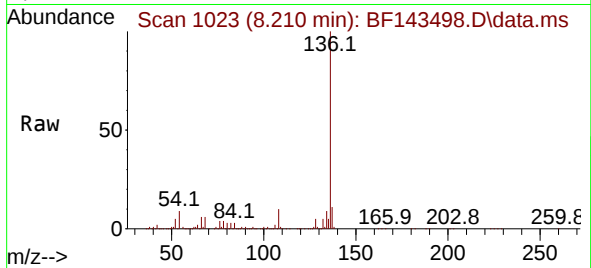




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

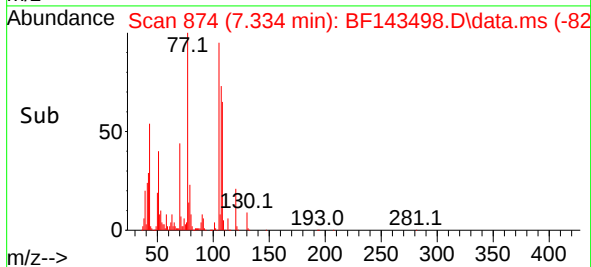
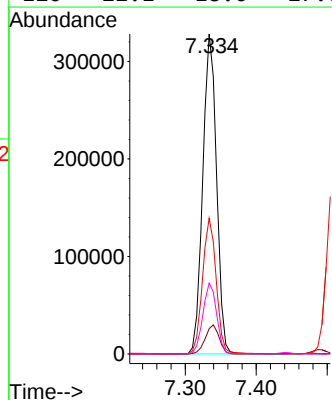
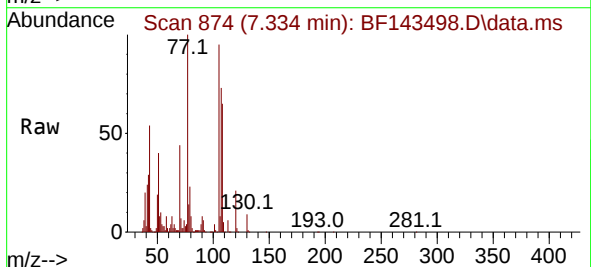
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

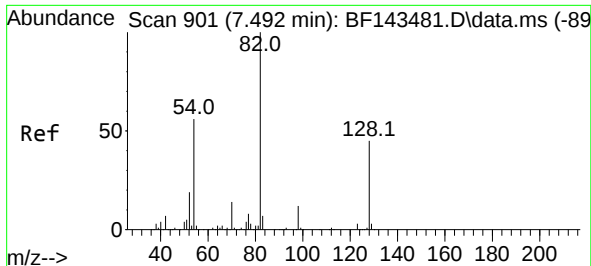
Tgt Ion:	136	Resp:	522619
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.4	7.4	11.2
68	6.0	5.0	7.4



#22
Acetophenone
Concen: 39.285 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:	105	Resp:	443559
Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.9	8.9
51	42.4	32.5	48.7
120	22.1	18.0	27.0





#23

Nitrobenzene-d5

Concen: 81.469 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

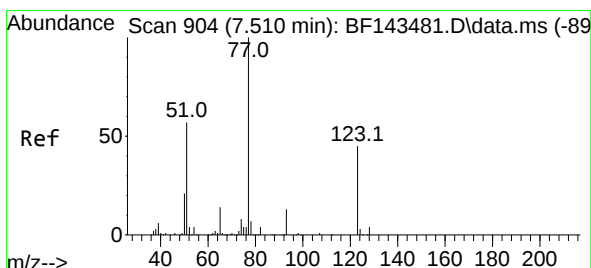
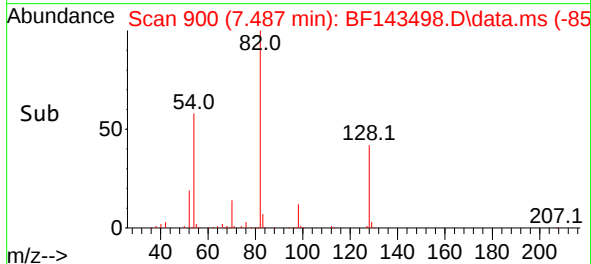
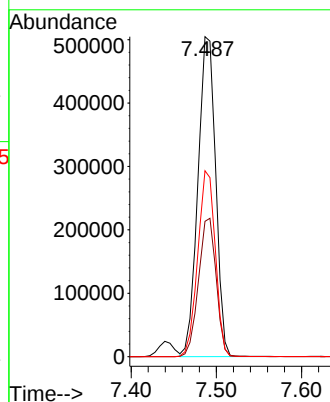
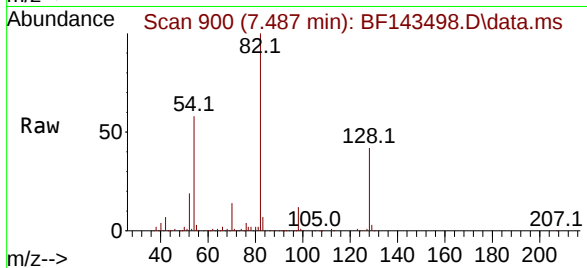
Tgt Ion: 82 Resp: 729626

Ion Ratio Lower Upper

82 100

128 42.3 35.5 53.3

54 58.1 44.3 66.5



#24

Nitrobenzene

Concen: 40.995 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

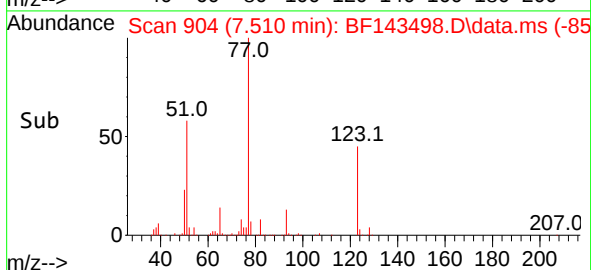
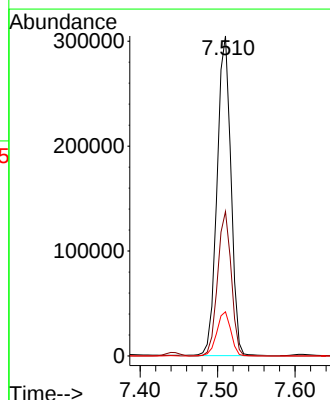
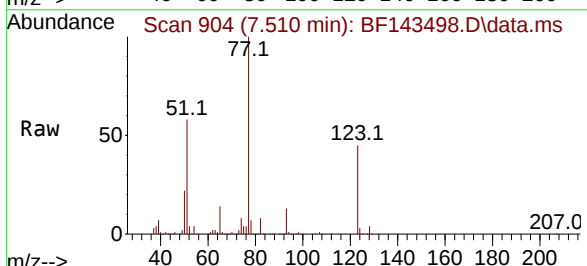
Tgt Ion: 77 Resp: 377880

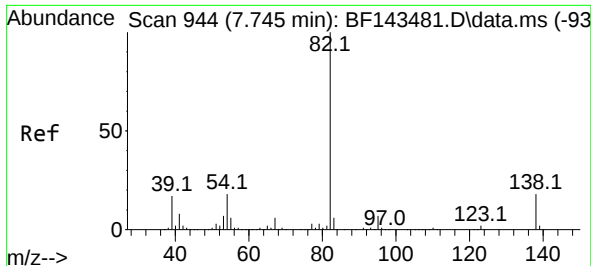
Ion Ratio Lower Upper

77 100

123 45.2 36.1 54.1

65 13.8 11.0 16.6

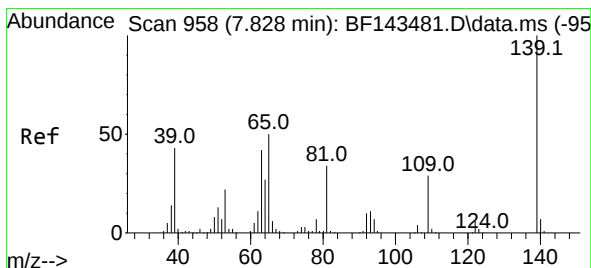
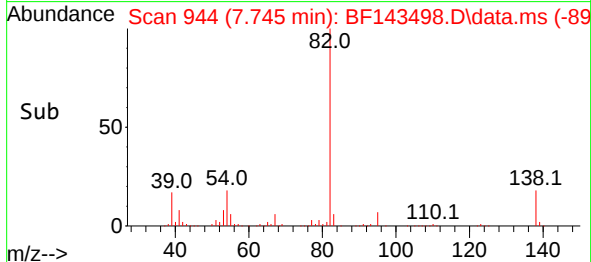
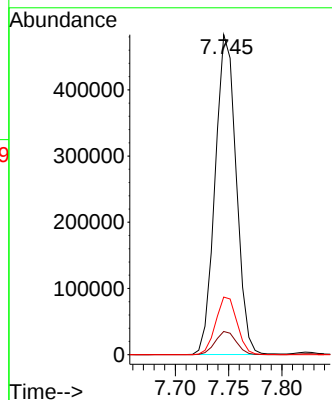
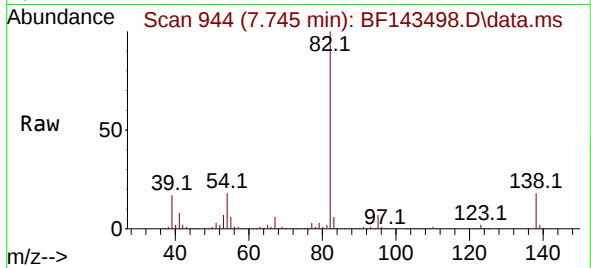




#25
Isophorone
Concen: 40.435 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

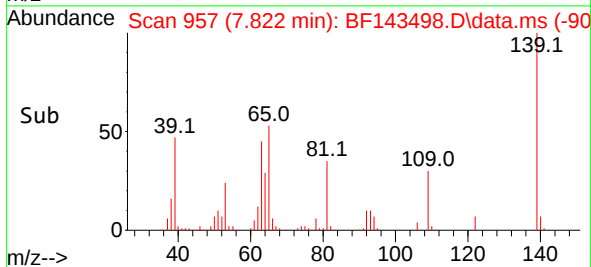
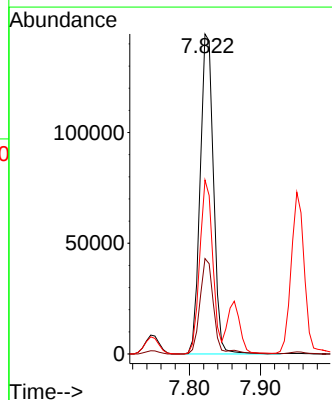
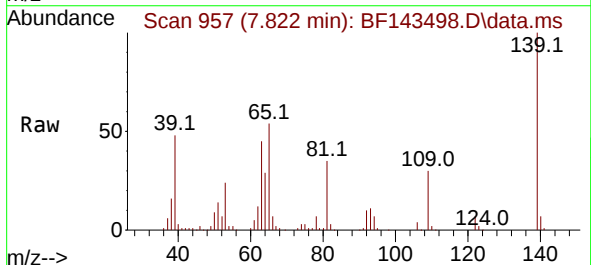
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

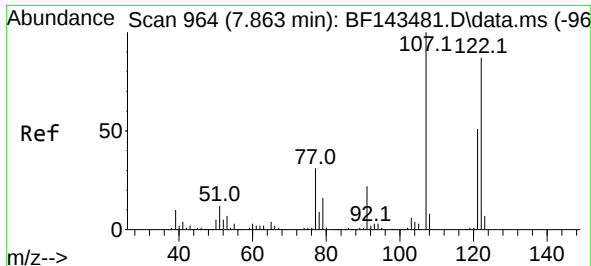
Tgt Ion: 82 Resp: 663816
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 18.0 14.2 21.4



#26
2-Nitrophenol
Concen: 41.873 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:139 Resp: 189065
Ion Ratio Lower Upper
139 100
109 29.8 23.0 34.6
65 54.4 40.3 60.5

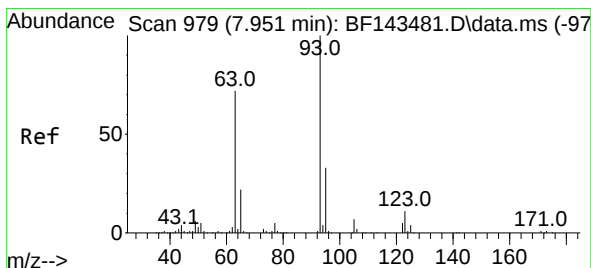
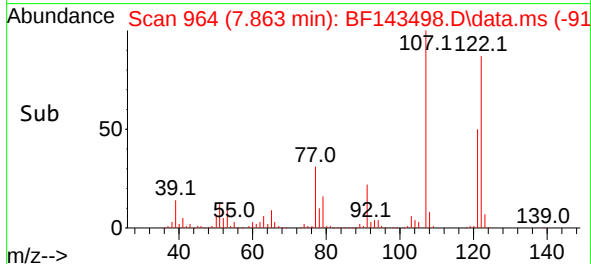
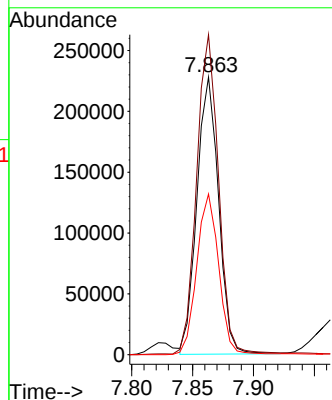
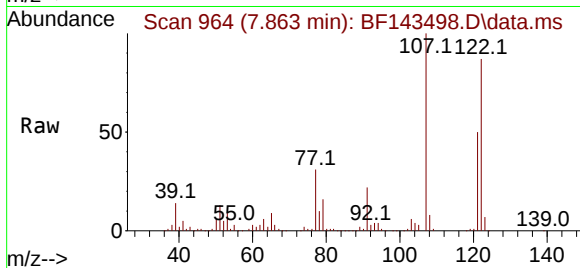




#27
2,4-Dimethylphenol
Concen: 40.152 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

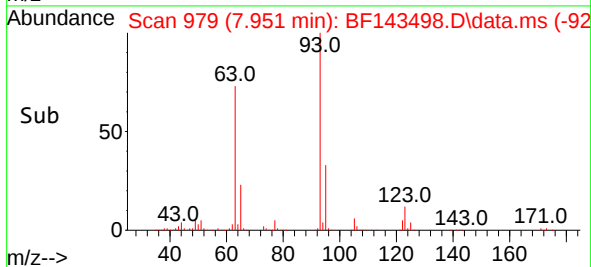
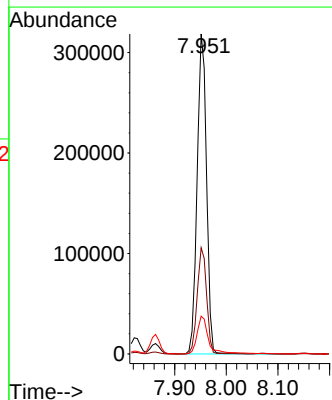
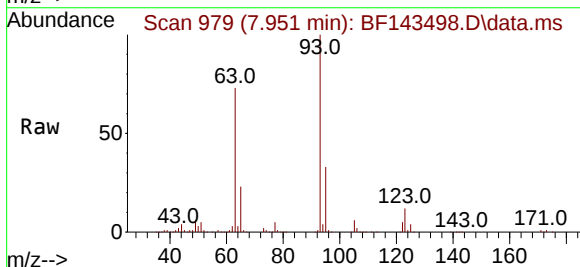
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

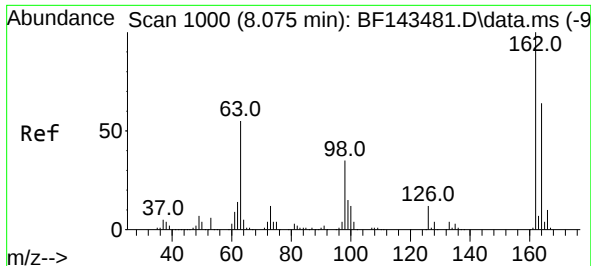
Tgt Ion:122 Resp: 282610
Ion Ratio Lower Upper
122 100
107 115.3 91.5 137.3
121 57.9 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.898 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion: 93 Resp: 402537
Ion Ratio Lower Upper
93 100
95 33.2 26.0 39.0
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.336 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

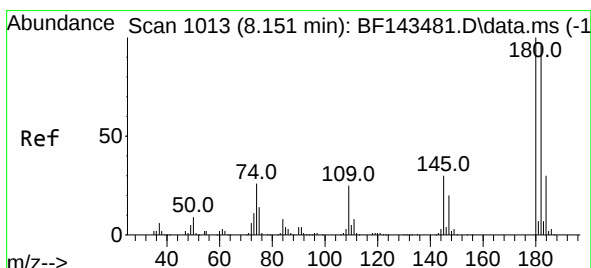
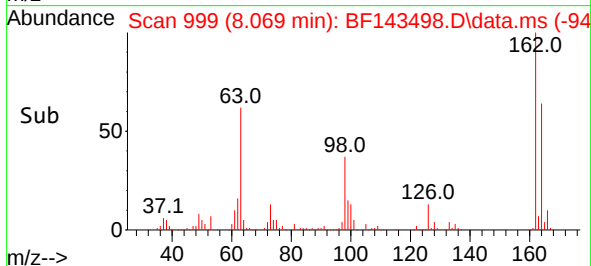
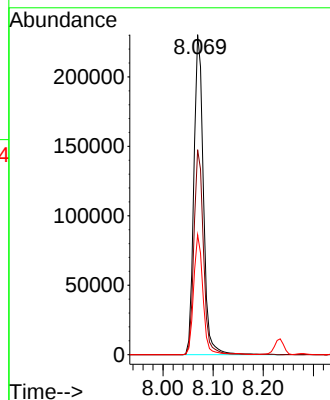
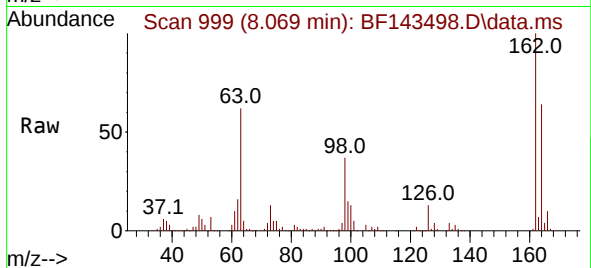
Tgt Ion:162 Resp: 303216

Ion Ratio Lower Upper

162 100

164 64.1 43.5 83.5

98 37.4 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 38.930 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

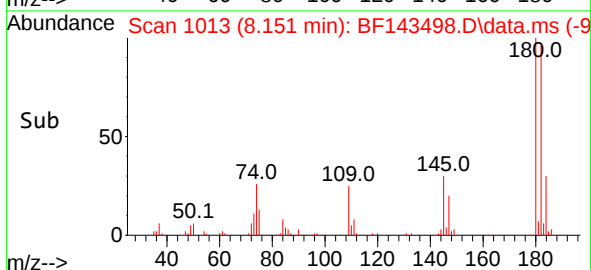
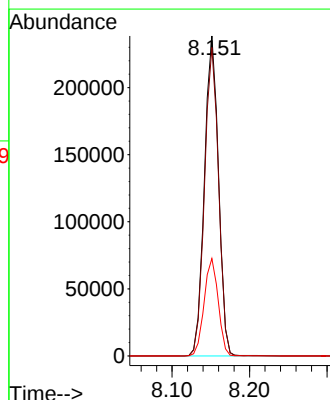
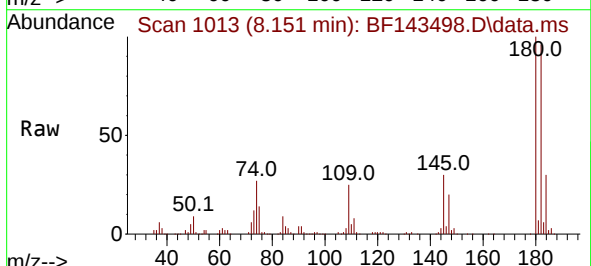
Tgt Ion:180 Resp: 300881

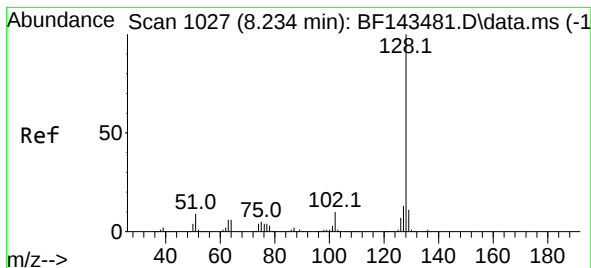
Ion Ratio Lower Upper

180 100

182 96.4 76.6 114.8

145 30.4 24.3 36.5





#31

Naphthalene

Concen: 38.863 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

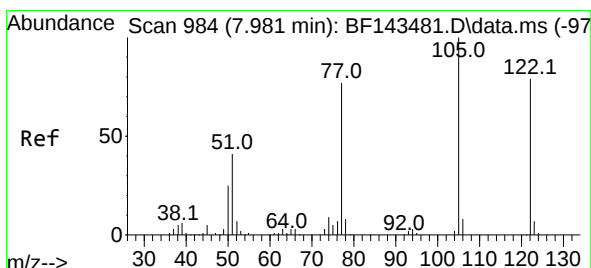
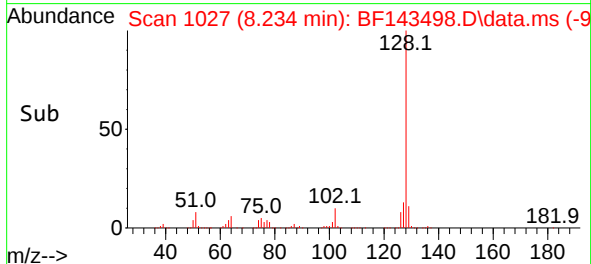
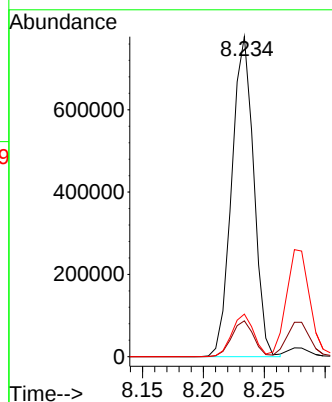
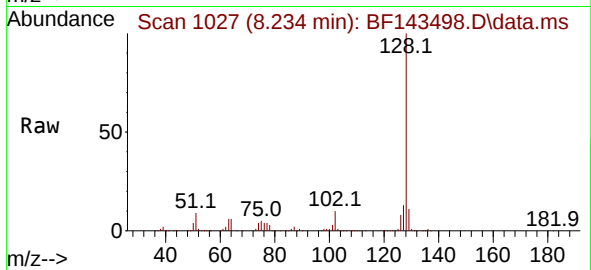
Tgt Ion:128 Resp: 975102

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 37.123 ng

RT: 7.981 min Scan# 984

Delta R.T. -0.029 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

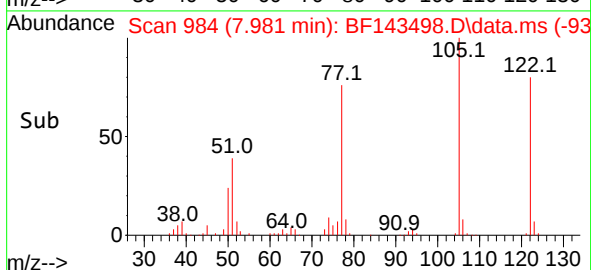
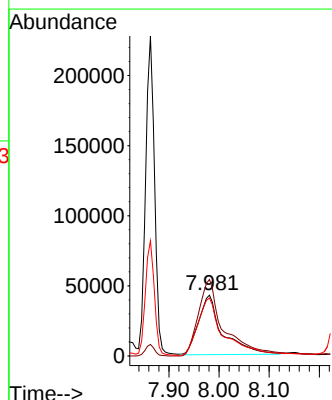
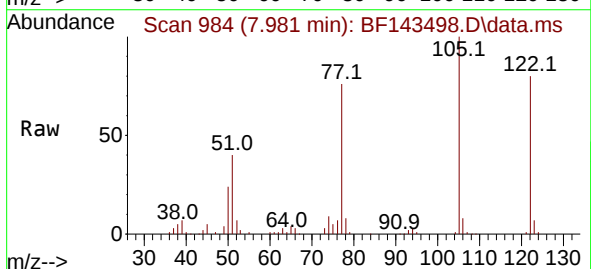
Tgt Ion:122 Resp: 142723

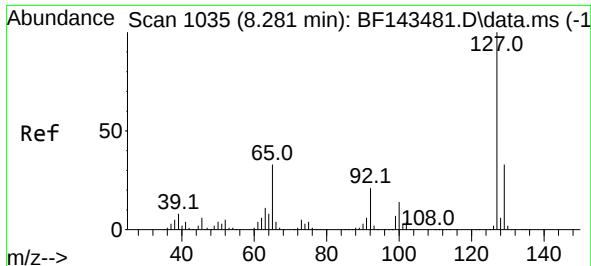
Ion Ratio Lower Upper

122 100

105 125.7 104.7 144.7

77 95.2 77.3 117.3

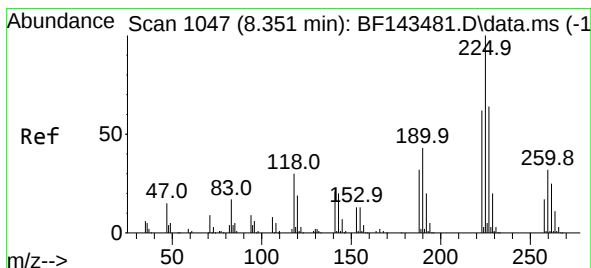
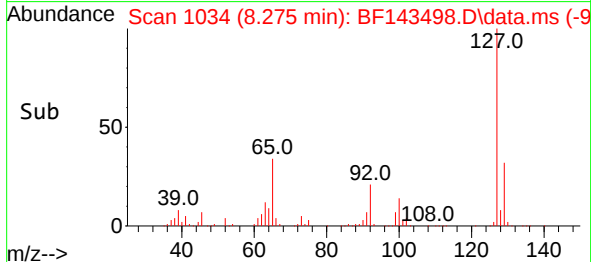
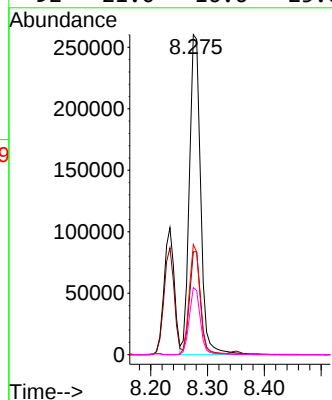
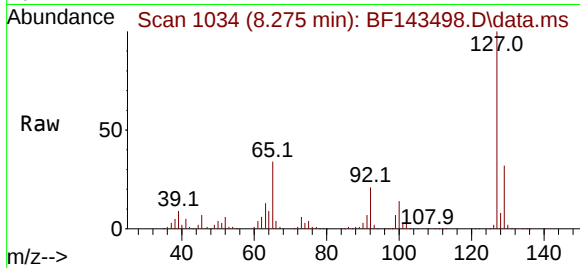




#33
4-Chloroaniline
Concen: 40.252 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

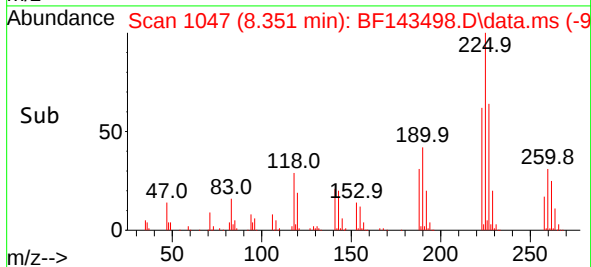
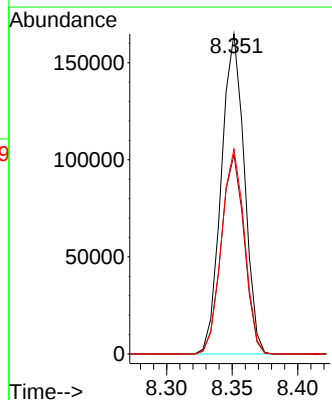
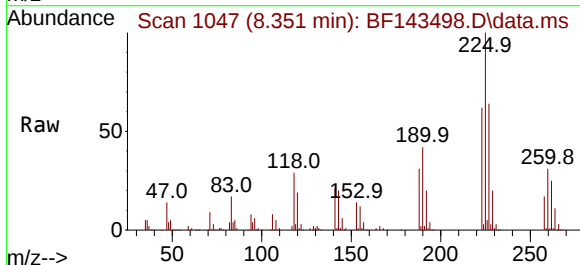
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

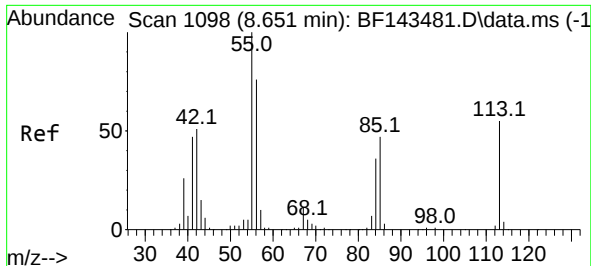
Tgt Ion:	127	Resp:	358457
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	34.4	26.2	39.2
92	21.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.776 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:	225	Resp:	200566
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.9	74.9
227	64.0	50.9	76.3

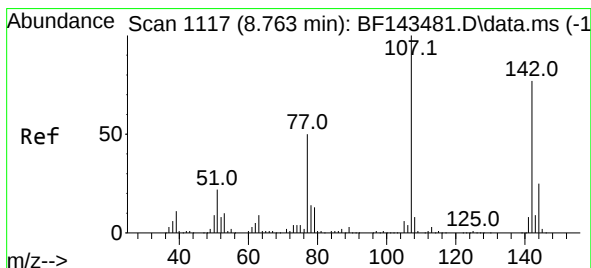
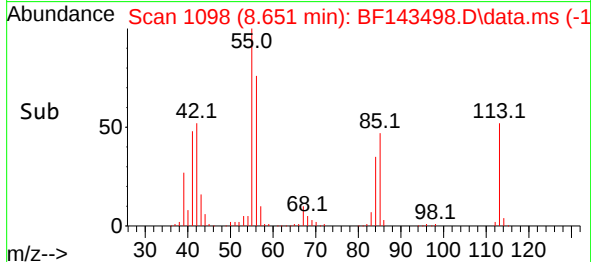
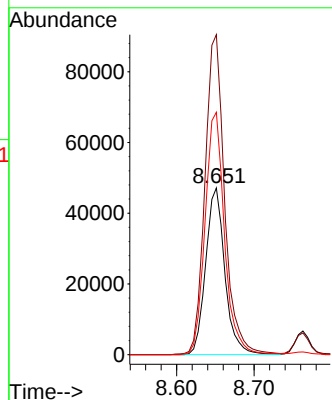
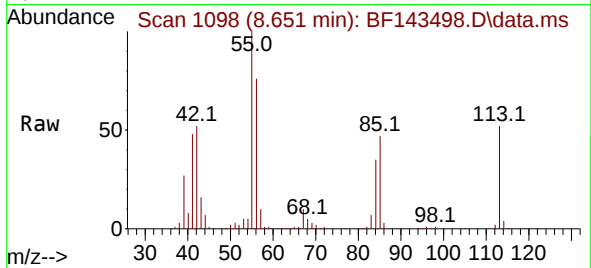




#35
 Caprolactam
 Concen: 44.931 ng
 RT: 8.651 min Scan# 1098
 Delta R.T. -0.024 min
 Lab File: BF143498.D
 Acq: 20 Aug 2025 22:05

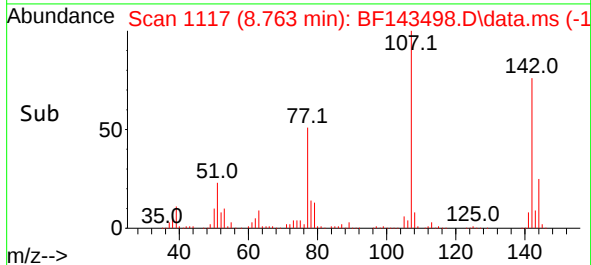
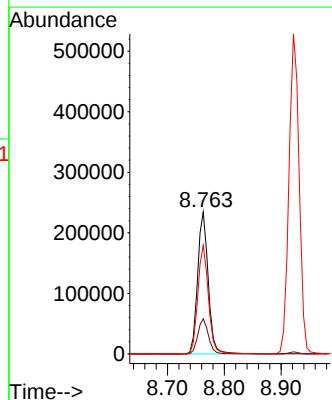
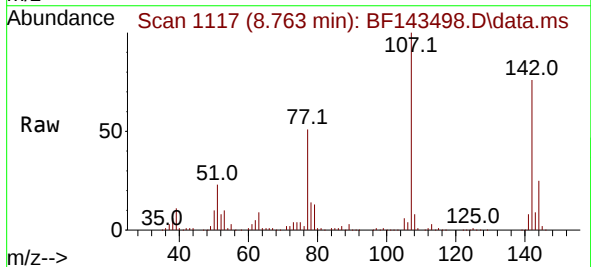
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

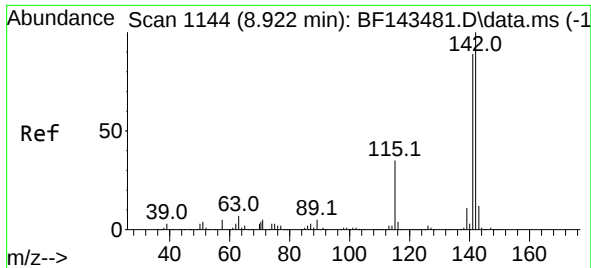
Tgt Ion:113 Resp: 81048
 Ion Ratio Lower Upper
 113 100
 55 192.0 162.8 202.8
 56 145.4 118.1 158.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.718 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. -0.006 min
 Lab File: BF143498.D
 Acq: 20 Aug 2025 22:05

Tgt Ion:107 Resp: 306743
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.9 29.9
 142 76.4 61.8 92.8

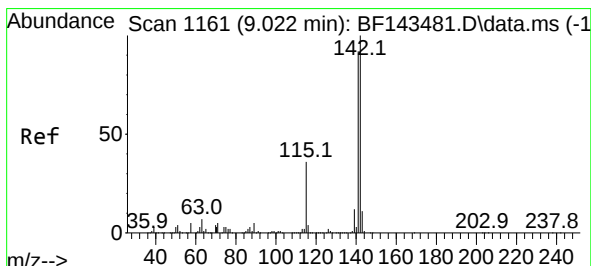
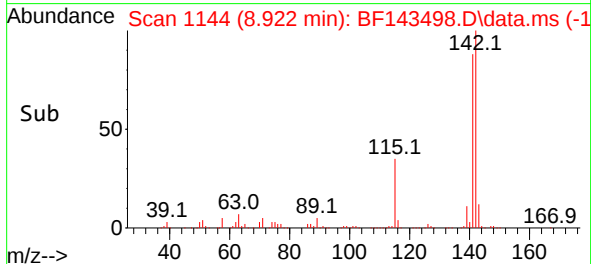
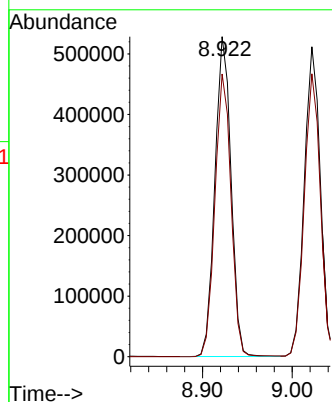
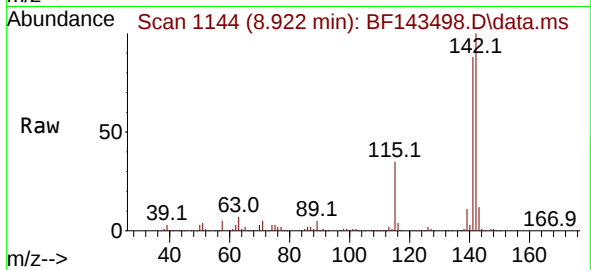




#37
2-Methylnaphthalene
Concen: 39.283 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

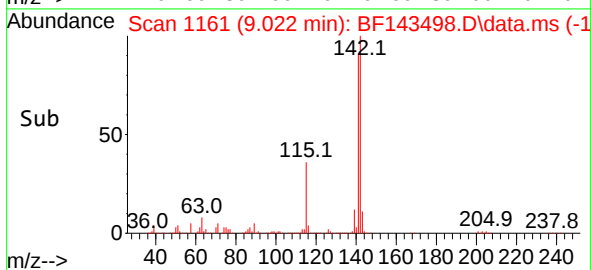
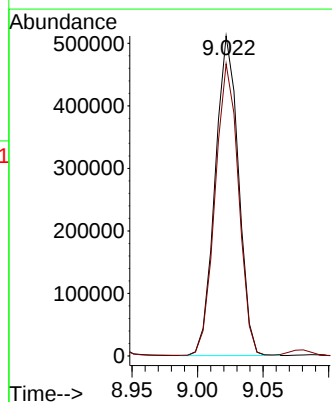
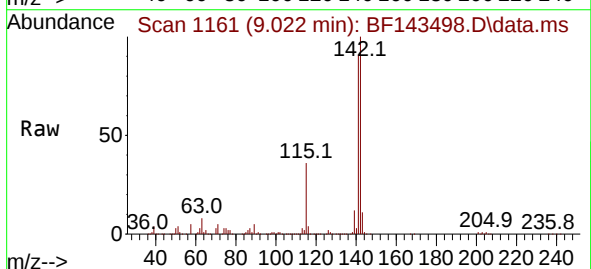
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

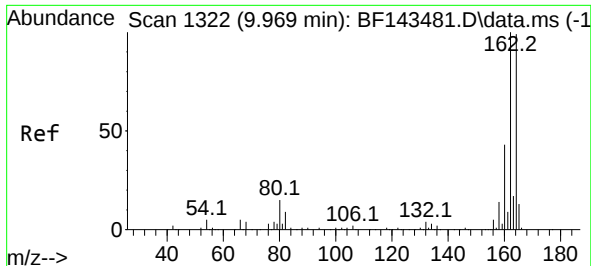
Tgt Ion:142 Resp: 658303
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4



#38
1-Methylnaphthalene
Concen: 39.442 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:142 Resp: 632252
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

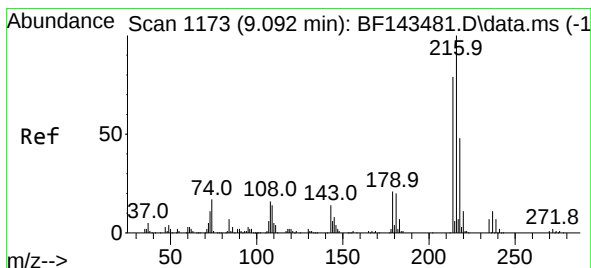
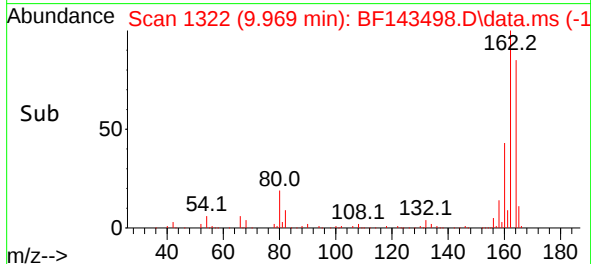
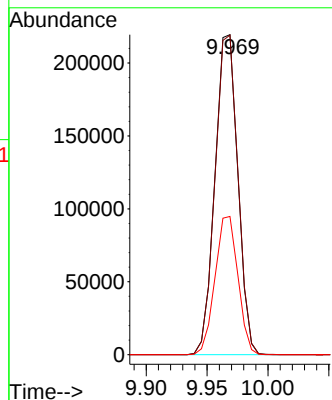
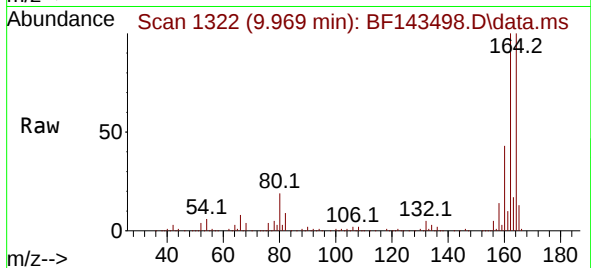
Tgt Ion:164 Resp: 286971

Ion Ratio Lower Upper

164 100

162 99.9 80.5 120.7

160 43.2 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.686 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Tgt Ion:216 Resp: 317550

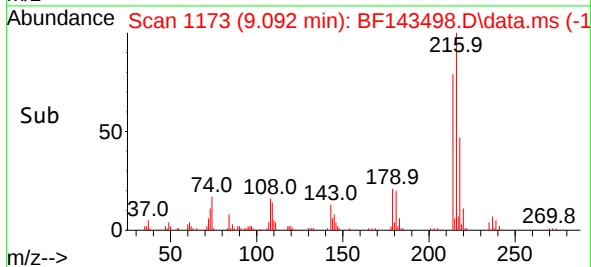
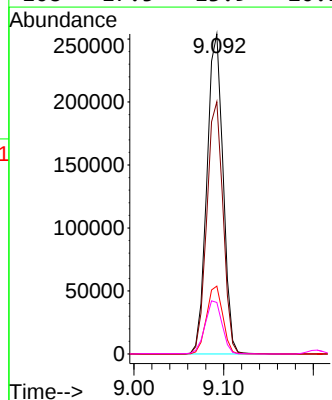
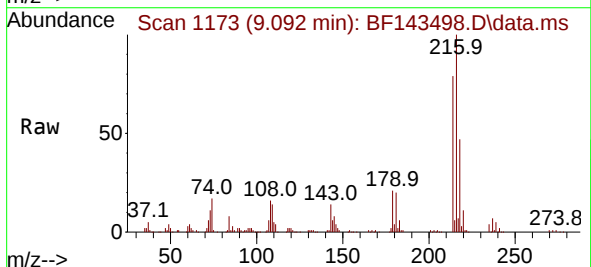
Ion Ratio Lower Upper

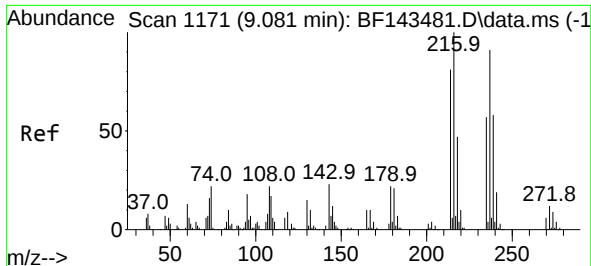
216 100

214 79.1 63.4 95.0

179 21.3 16.5 24.7

108 17.5 13.9 20.9

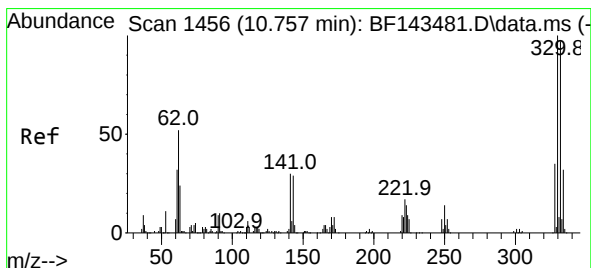
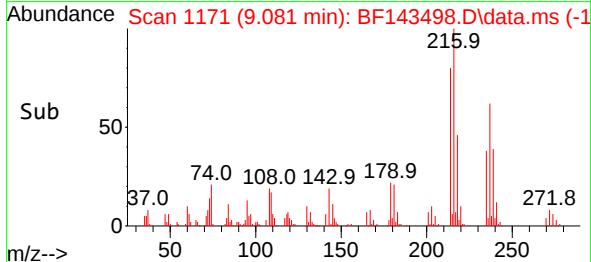
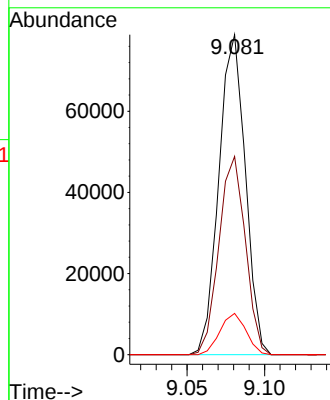
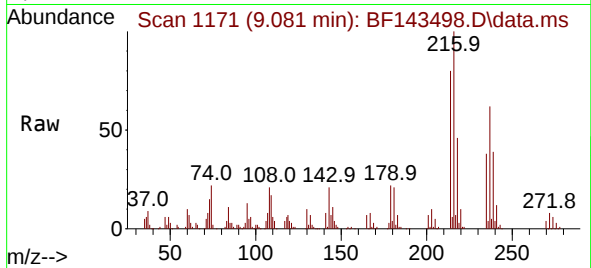




#41
Hexachlorocyclopentadiene
Concen: 33.457 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

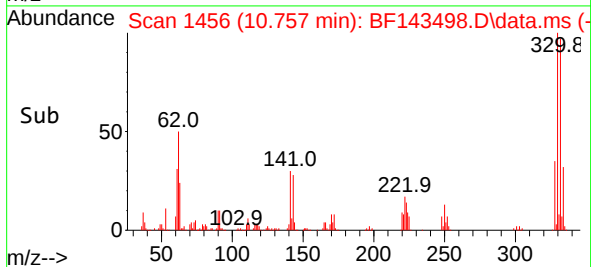
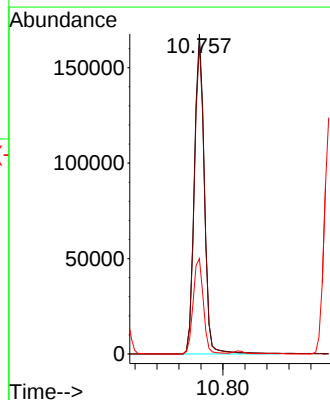
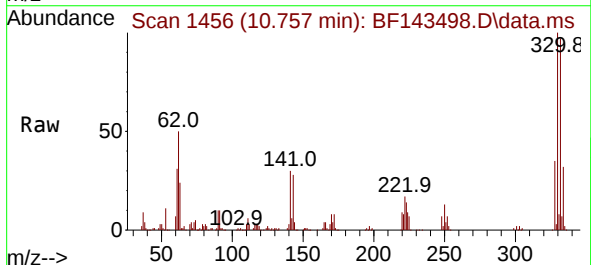
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

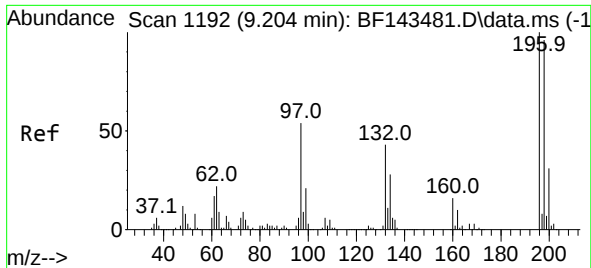
Tgt Ion: 237 Resp: 93698
Ion Ratio Lower Upper
237 100
235 61.9 42.6 82.6
272 12.9 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 79.261 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion: 330 Resp: 211727
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 30.3 23.7 35.5

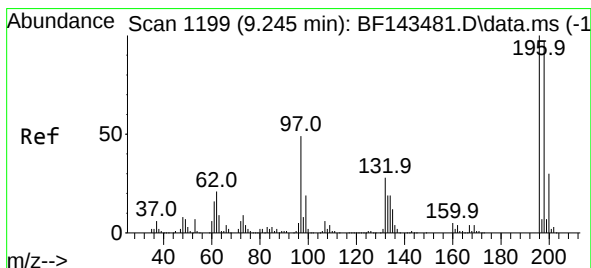
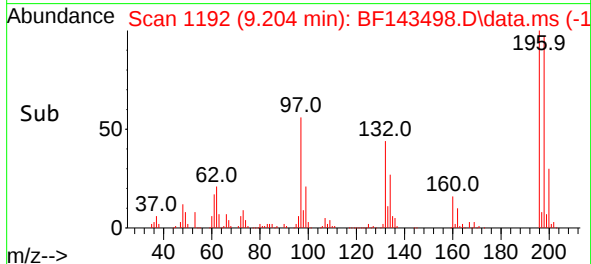
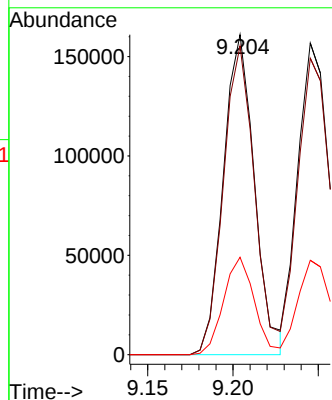
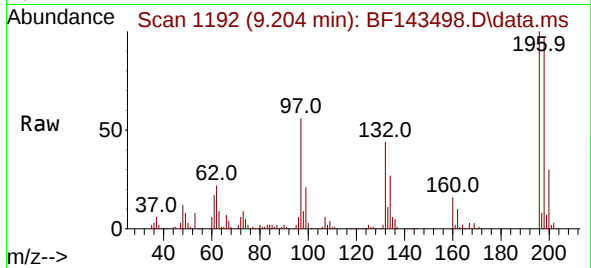




#43
 2,4,6-Trichlorophenol
 Concen: 40.426 ng
 RT: 9.204 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BF143498.D
 Acq: 20 Aug 2025 22:05

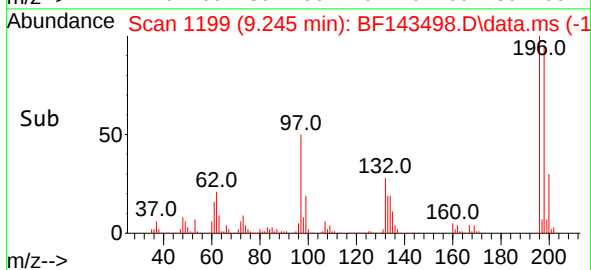
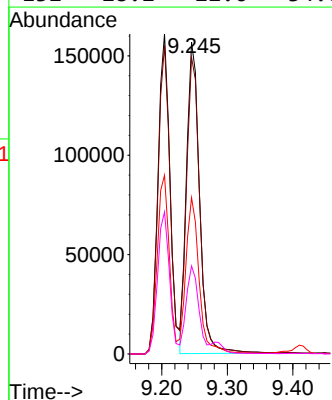
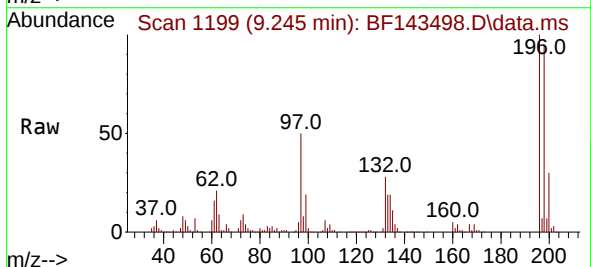
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

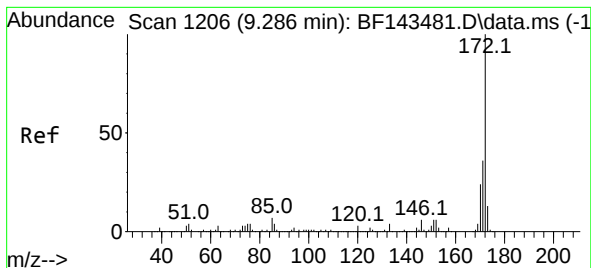
Tgt Ion:196 Resp: 204187
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.0 115.4
 200 30.4 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.194 ng
 RT: 9.245 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: BF143498.D
 Acq: 20 Aug 2025 22:05

Tgt Ion:196 Resp: 216241
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.3 115.9
 97 50.2 40.0 60.0
 132 28.2 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 75.061 ng

RT: 9.287 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

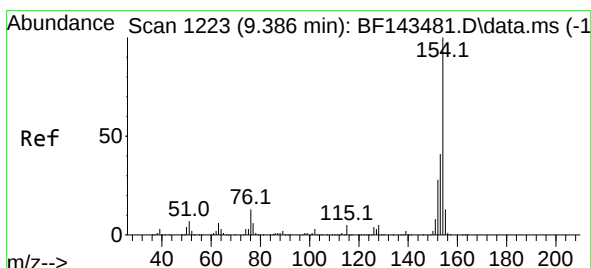
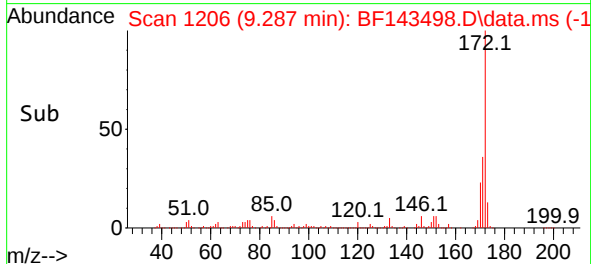
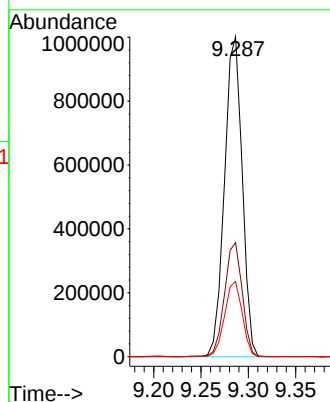
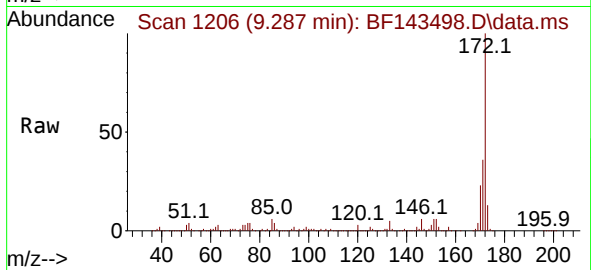
Tgt Ion:172 Resp: 1303360

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 38.693 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

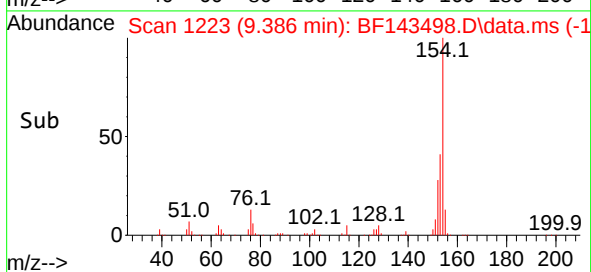
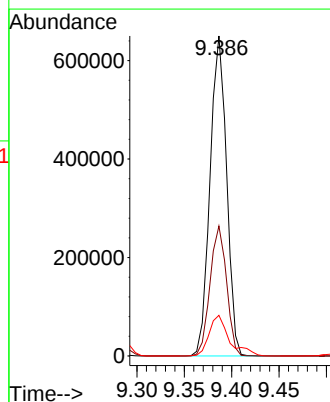
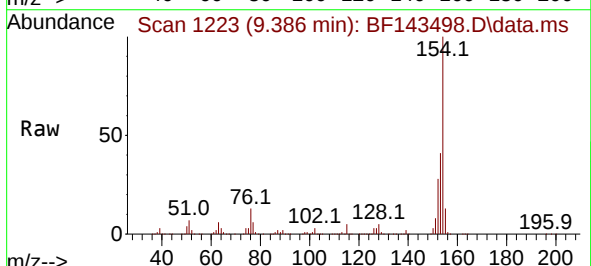
Tgt Ion:154 Resp: 788125

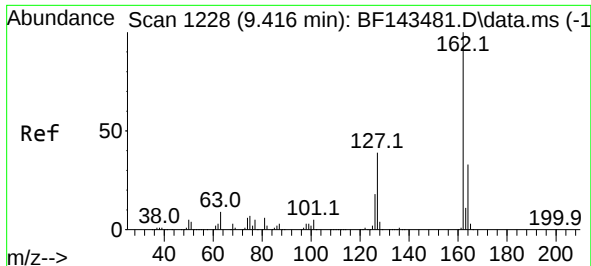
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 12.7 0.0 33.0

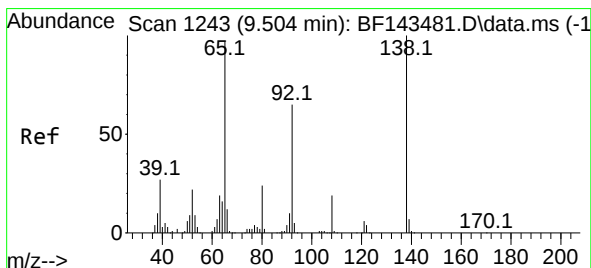
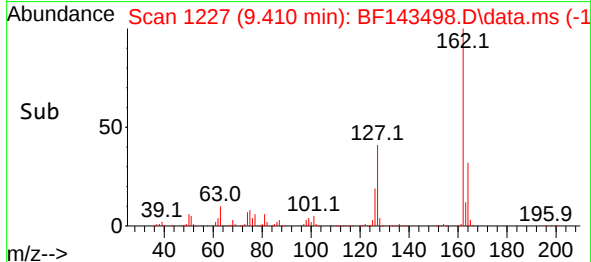
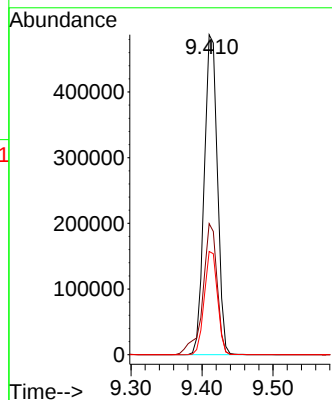
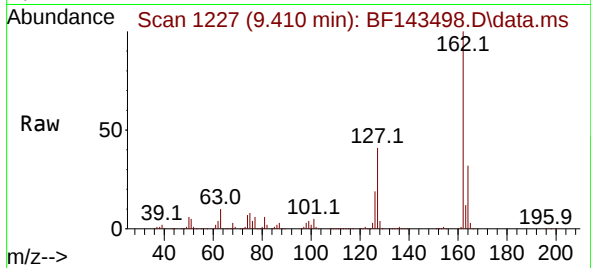




#47
2-Chloronaphthalene
Concen: 39.533 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

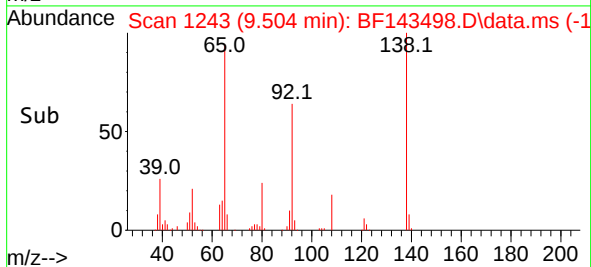
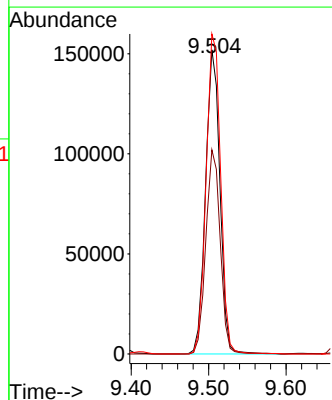
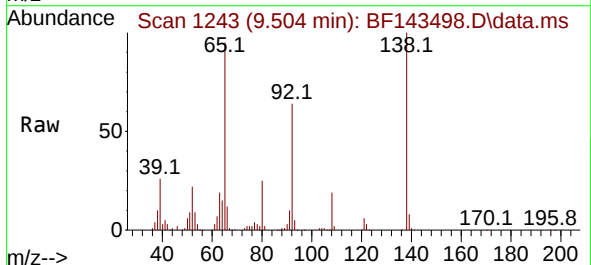
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

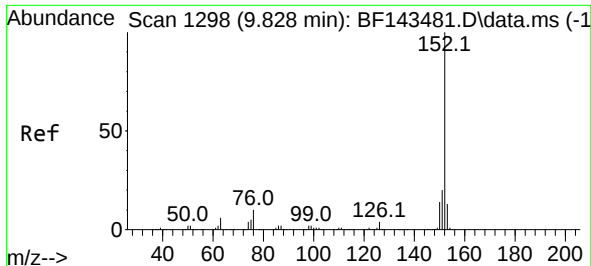
Tgt Ion:162 Resp: 631796
Ion Ratio Lower Upper
162 100
127 41.0 31.8 47.6
164 32.2 26.4 39.6



#48
2-Nitroaniline
Concen: 41.804 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion: 65 Resp: 195526
Ion Ratio Lower Upper
65 100
92 67.1 53.8 80.6
138 105.2 82.4 123.6

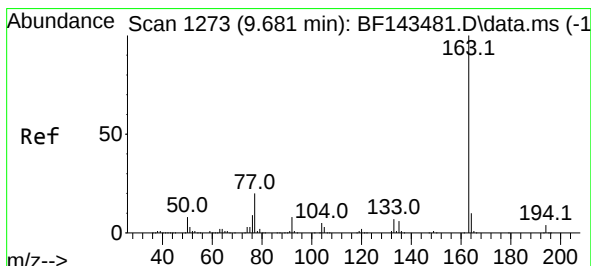
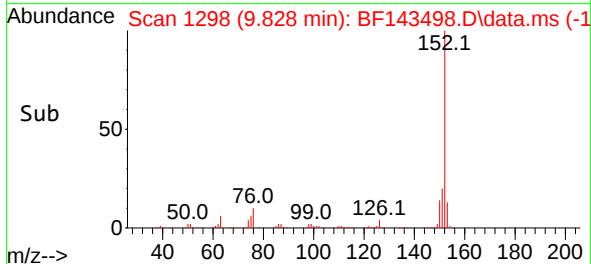
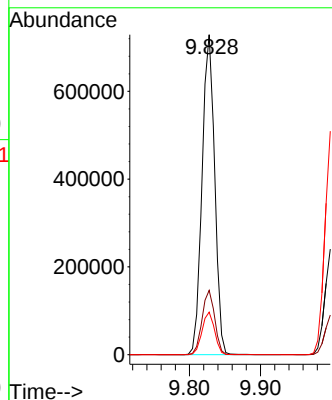
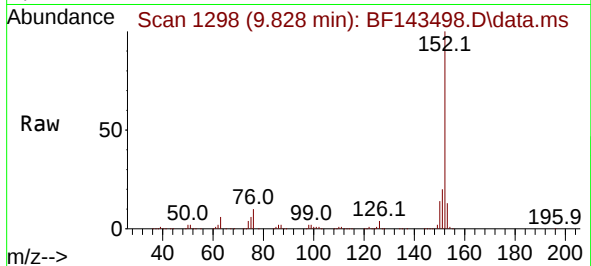




#49
Acenaphthylene
Concen: 39.486 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

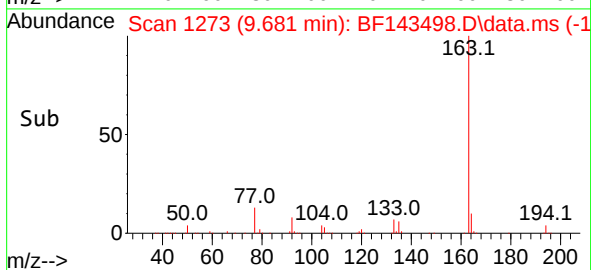
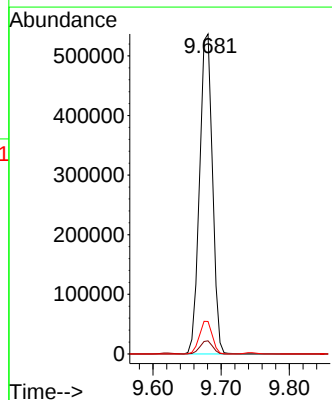
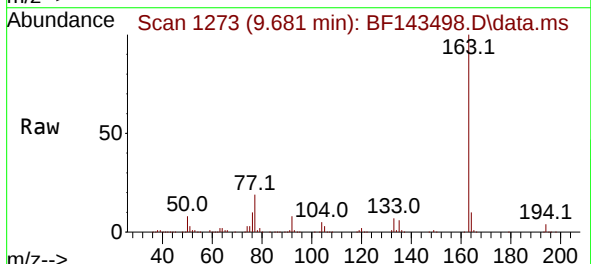
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

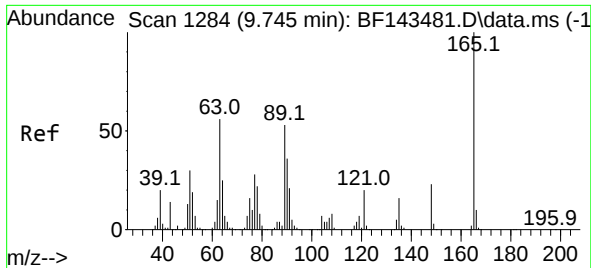
Tgt Ion:152 Resp: 903587
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 40.765 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:163 Resp: 704558
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.2 12.2

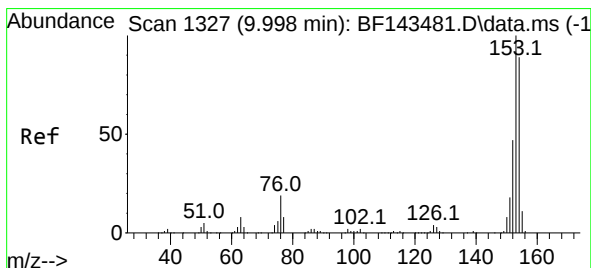
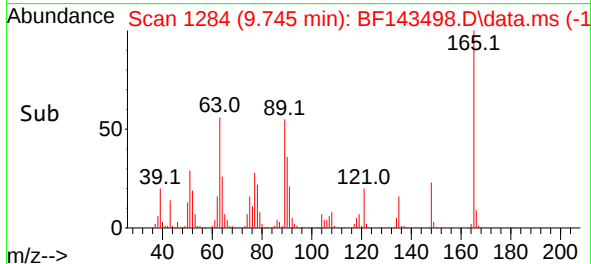
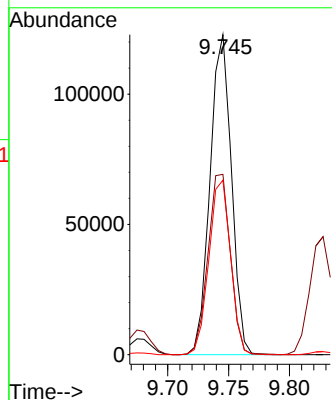
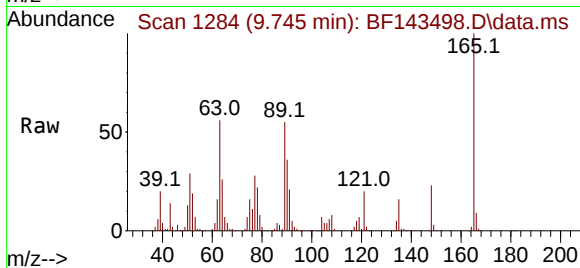




#51
2,6-Dinitrotoluene
Concen: 41.967 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

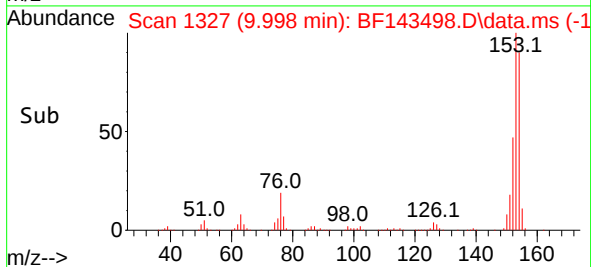
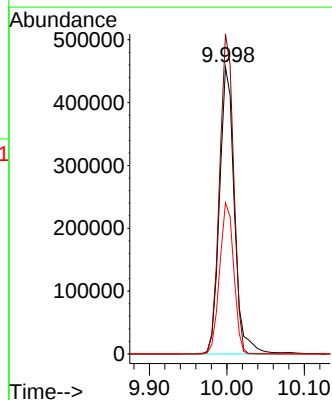
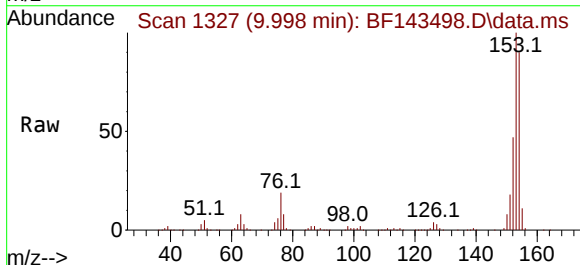
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

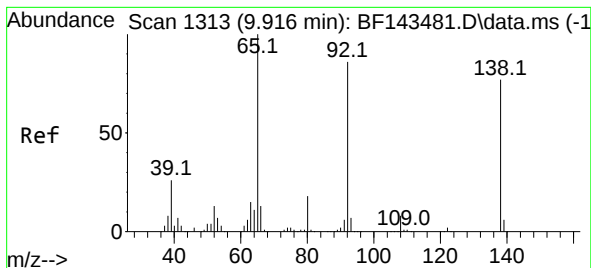
Tgt Ion:165 Resp: 150329
Ion Ratio Lower Upper
165 100
63 56.4 45.0 67.6
89 54.5 42.5 63.7



#52
Acenaphthene
Concen: 39.200 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:154 Resp: 609043
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 52.7 42.5 63.7





#53

3-Nitroaniline

Concen: 42.370 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

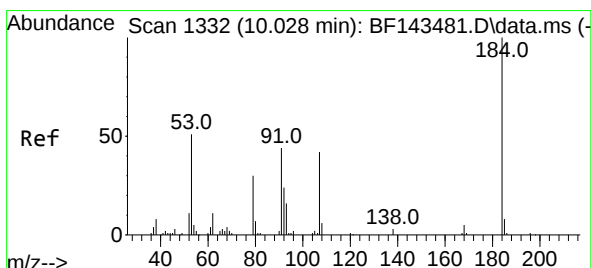
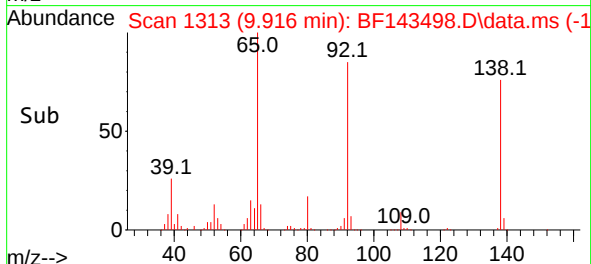
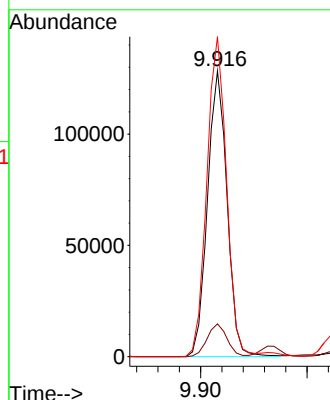
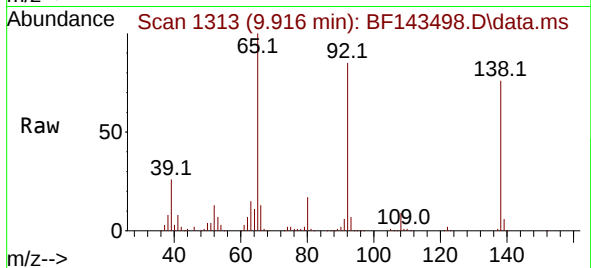
Tgt Ion:138 Resp: 164001

Ion Ratio Lower Upper

138 100

108 11.5 8.6 13.0

92 112.0 89.8 134.8



#54

2,4-Dinitrophenol

Concen: 32.946 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

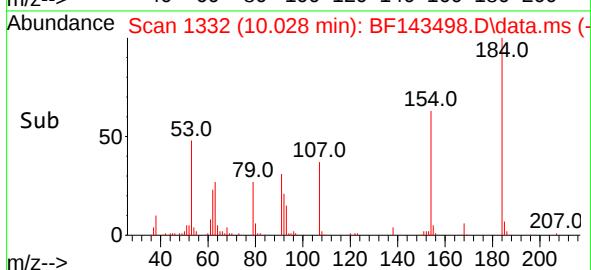
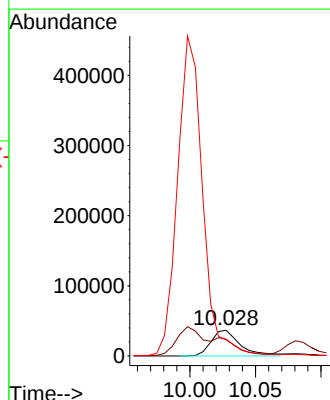
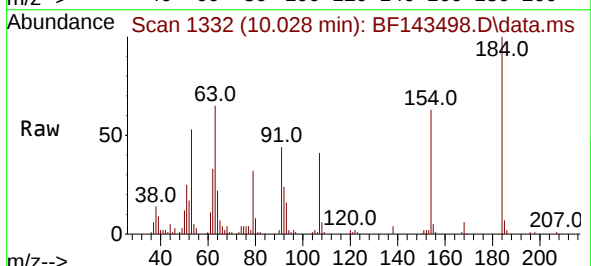
Tgt Ion:184 Resp: 56727

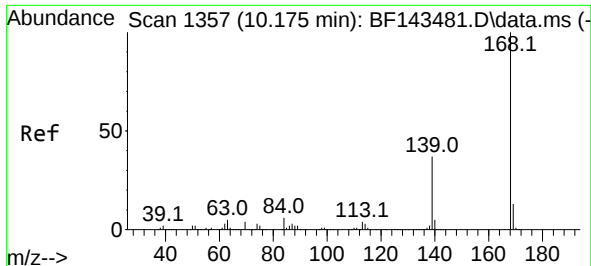
Ion Ratio Lower Upper

184 100

63 65.2 52.6 78.8

154 62.7 51.0 76.4

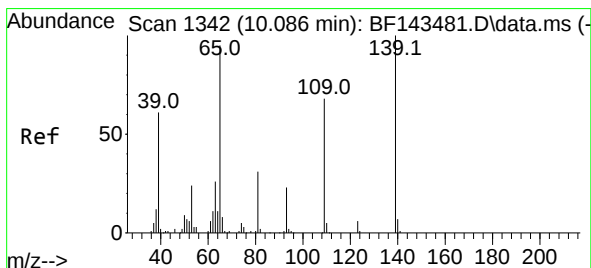
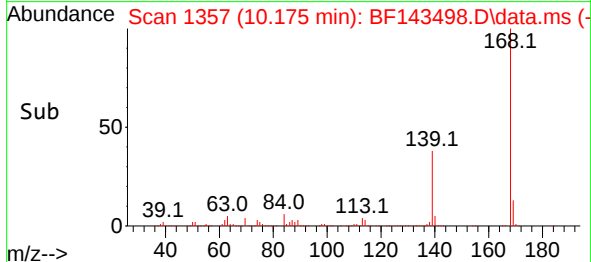
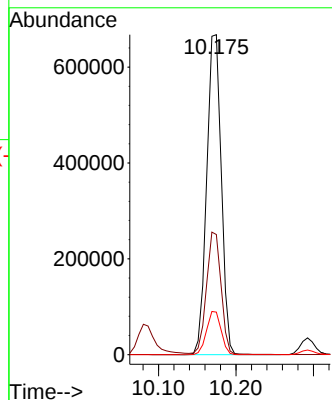
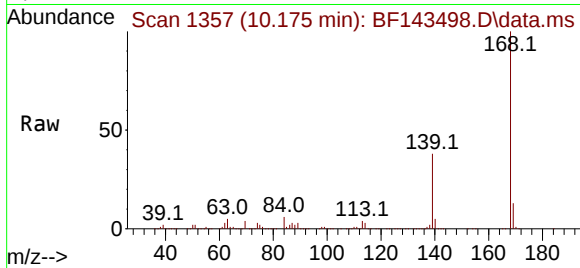




#55
Dibenzenofuran
Concen: 39.338 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

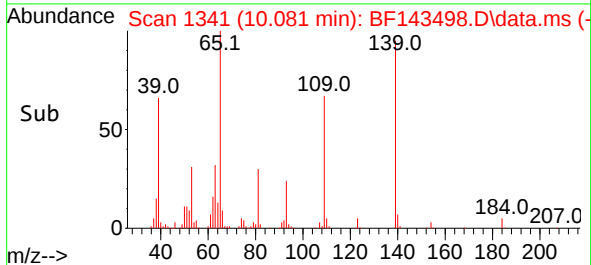
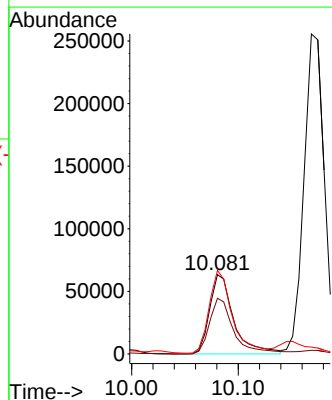
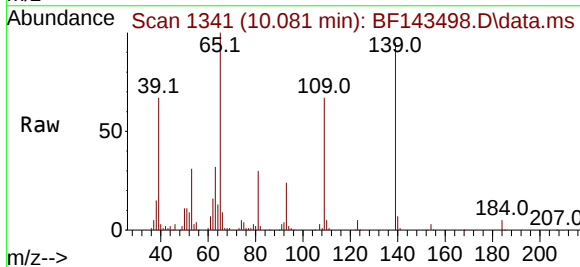
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

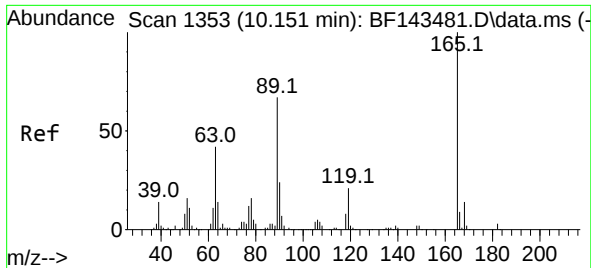
Tgt Ion:168 Resp: 871391
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 43.335 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:139 Resp: 99803
Ion Ratio Lower Upper
139 100
109 70.1 48.2 88.2
65 105.2 75.8 115.8

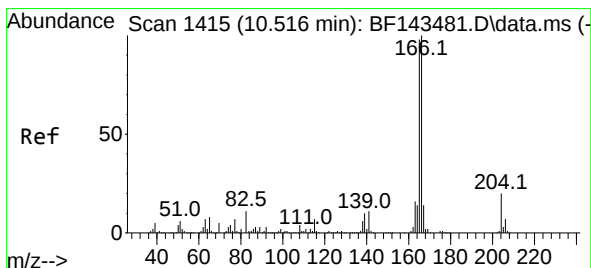
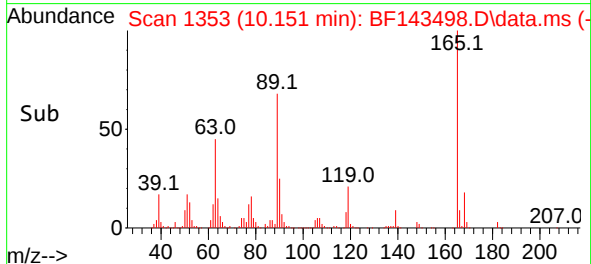
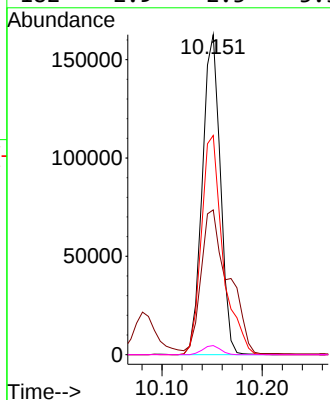
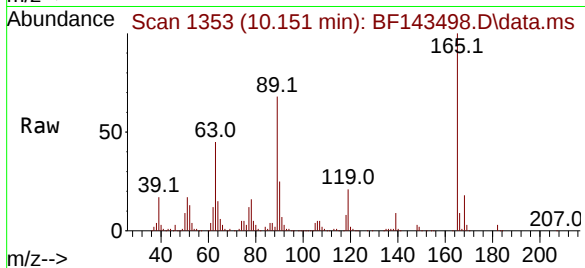




#57
2,4-Dinitrotoluene
Concen: 42.505 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

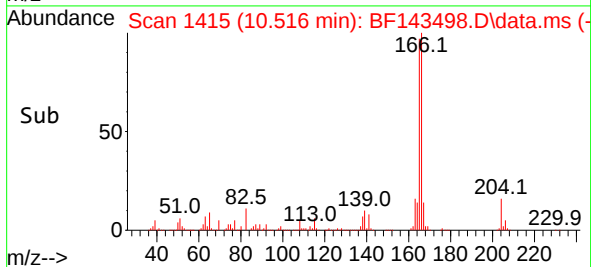
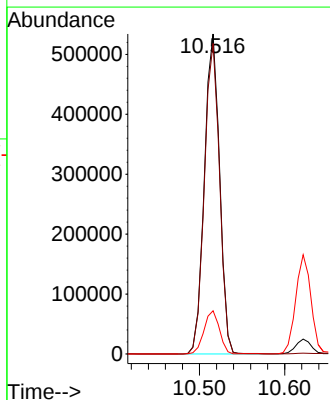
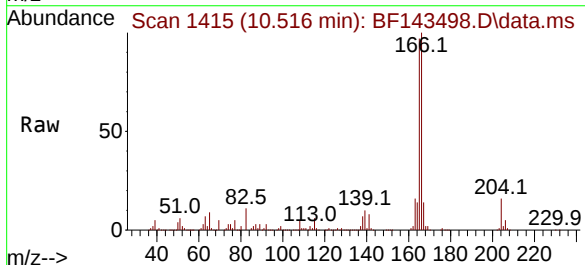
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

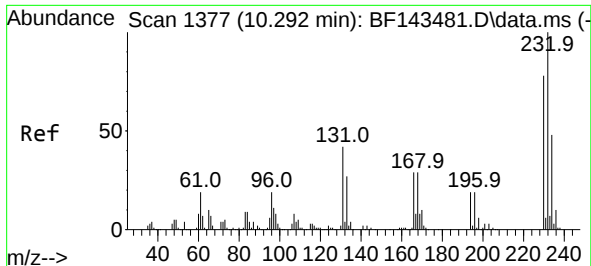
Tgt Ion:165 Resp: 203299
Ion Ratio Lower Upper
165 100
63 45.2 34.9 52.3
89 68.5 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 38.909 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:166 Resp: 663350
Ion Ratio Lower Upper
166 100
165 97.1 78.3 117.5
167 13.5 11.0 16.4

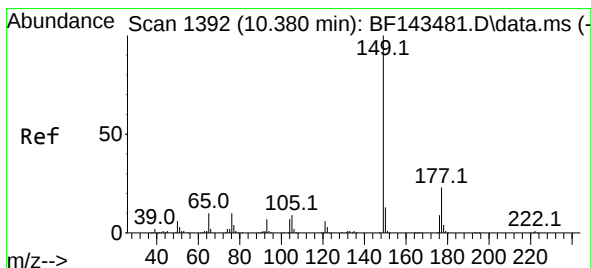
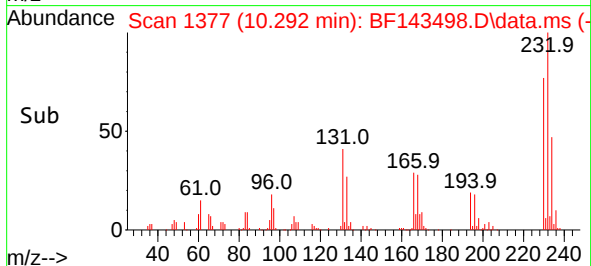
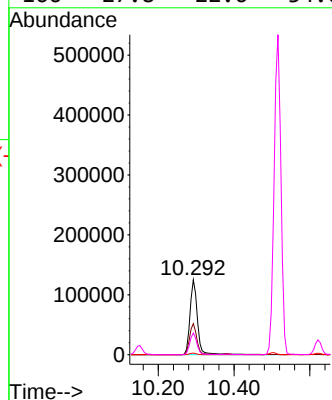
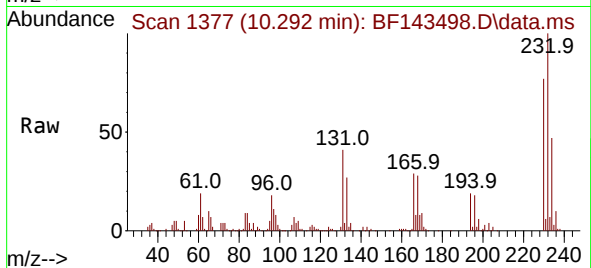




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.458 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

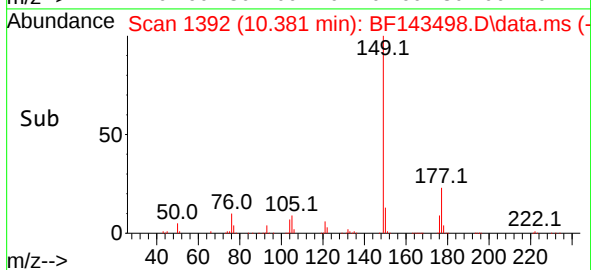
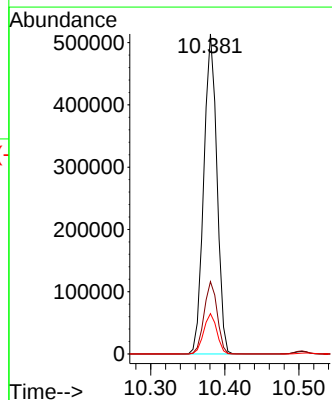
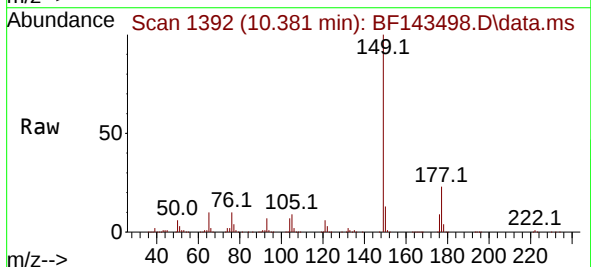
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

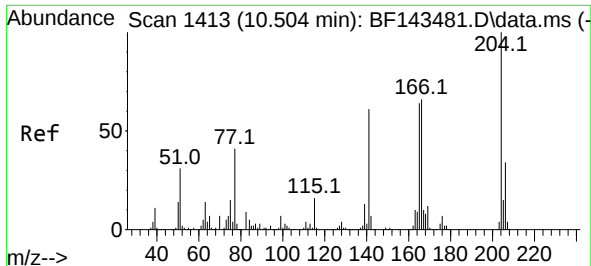
Tgt Ion:232 Resp: 169934
Ion Ratio Lower Upper
232 100
131 40.3 32.7 49.1
130 1.9 1.6 2.4
166 27.8 22.6 34.0



#60
Diethylphthalate
Concen: 40.873 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:149 Resp: 633362
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.6 10.3 15.5

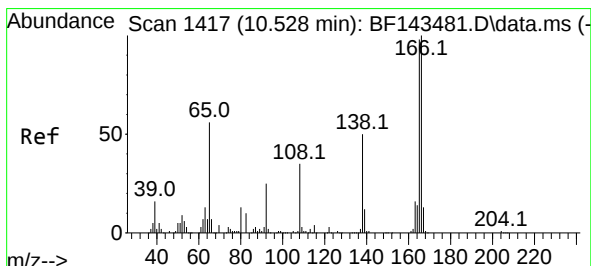
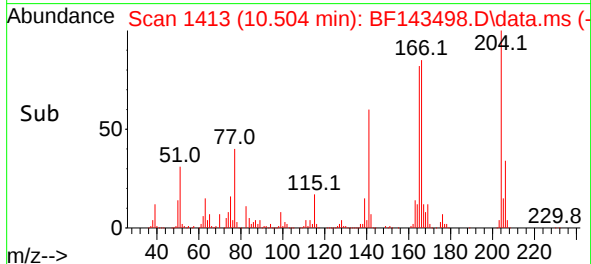
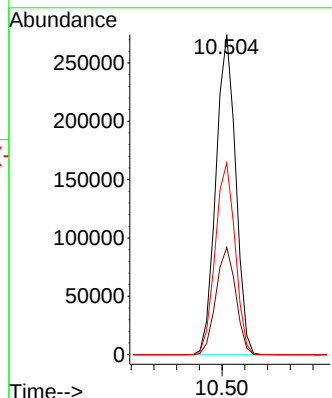
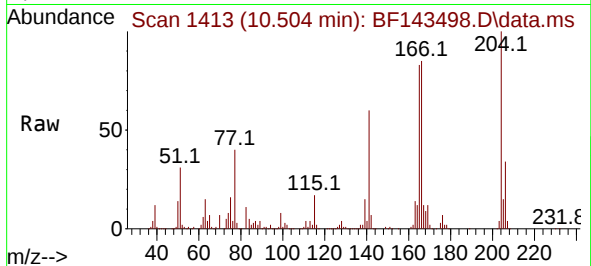




#61
4-Chlorophenyl-phenylether
Concen: 38.920 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

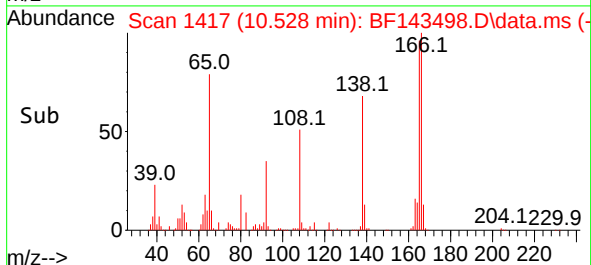
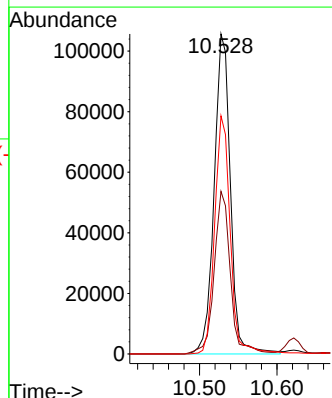
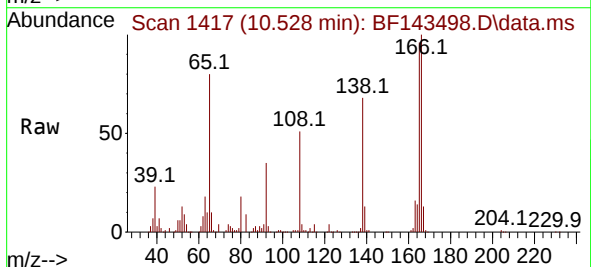
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

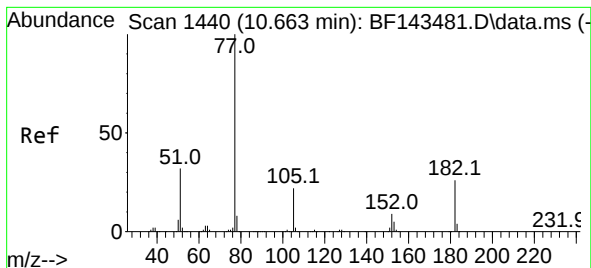
Tgt Ion:204 Resp: 331842
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 60.0 48.7 73.1



#62
4-Nitroaniline
Concen: 43.337 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:138 Resp: 154077
Ion Ratio Lower Upper
138 100
92 50.8 29.3 69.3
108 74.4 50.7 90.7





#63

Azobenzene

Concen: 40.670 ng

RT: 10.663 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 653457

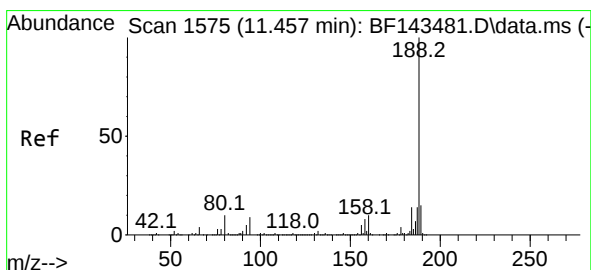
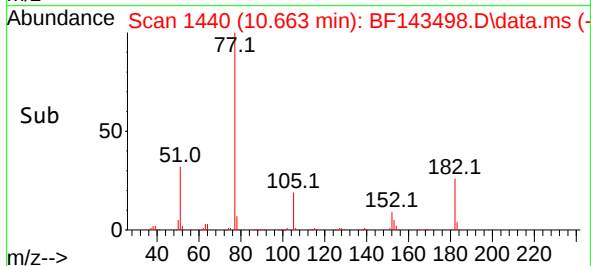
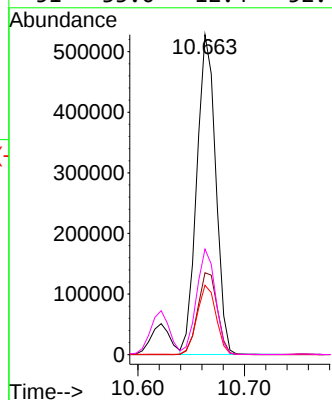
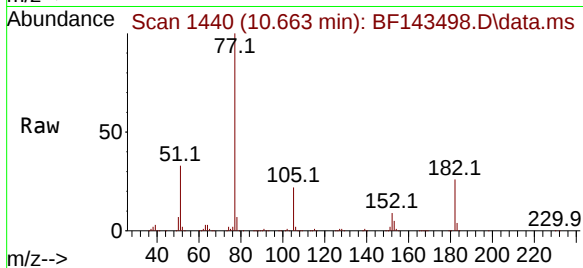
Ion Ratio Lower Upper

77 100

182 25.6 6.2 46.2

105 21.7 2.2 42.2

51 33.0 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

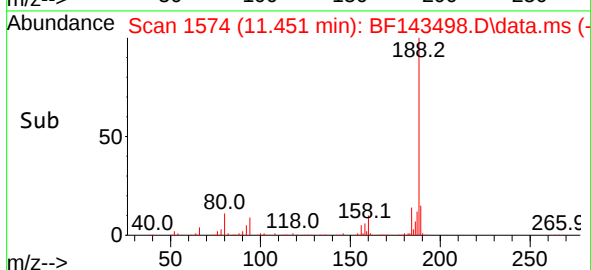
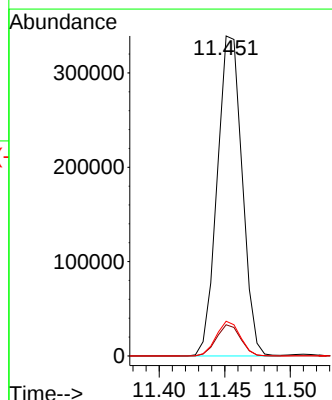
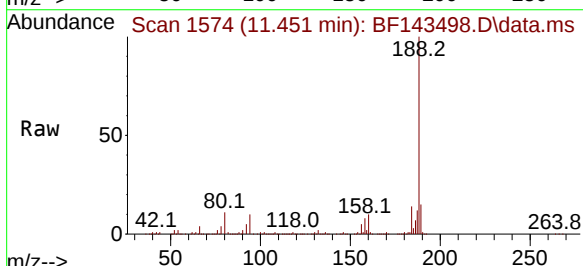
Tgt Ion: 188 Resp: 448105

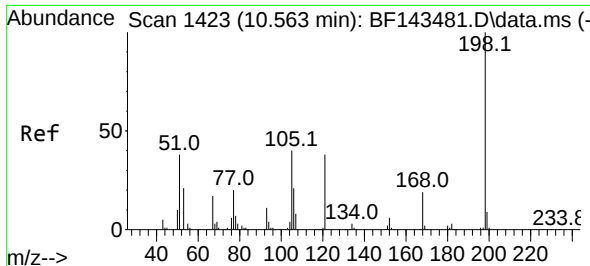
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.9 8.2 12.4

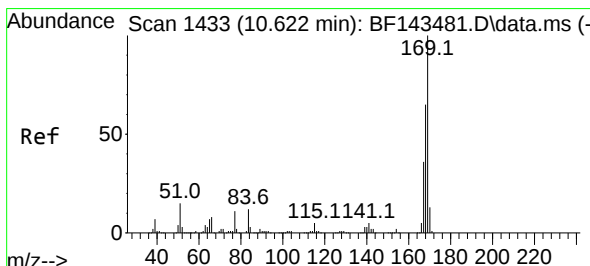
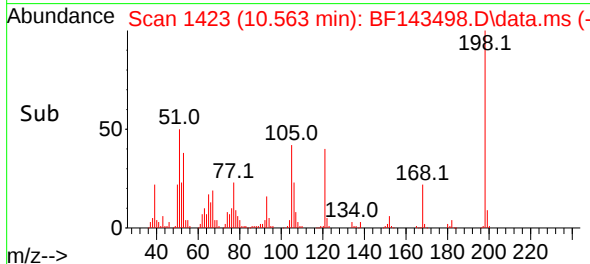
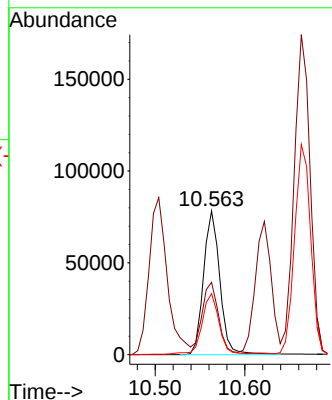
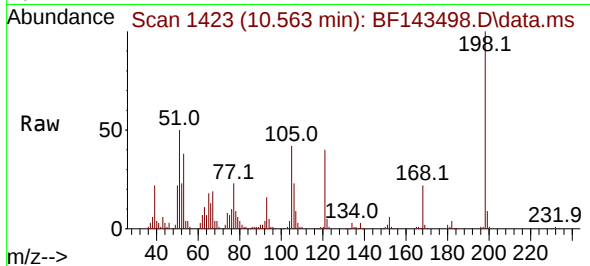




#65
4,6-Dinitro-2-methylphenol
Concen: 39.155 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

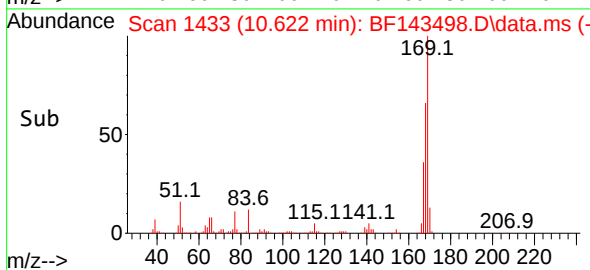
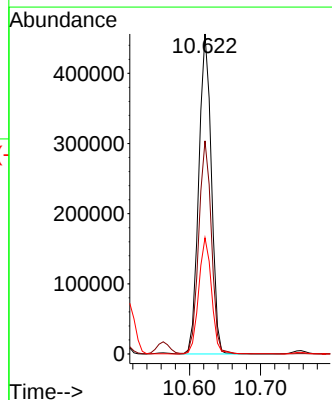
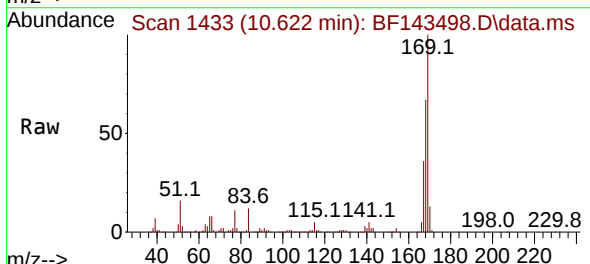
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

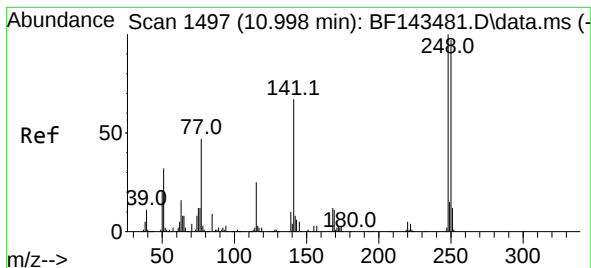
Tgt Ion:198 Resp: 98928
Ion Ratio Lower Upper
198 100
51 50.4 29.6 69.6
105 42.4 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 38.990 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:169 Resp: 562277
Ion Ratio Lower Upper
169 100
168 66.6 52.4 78.6
167 36.3 28.9 43.3

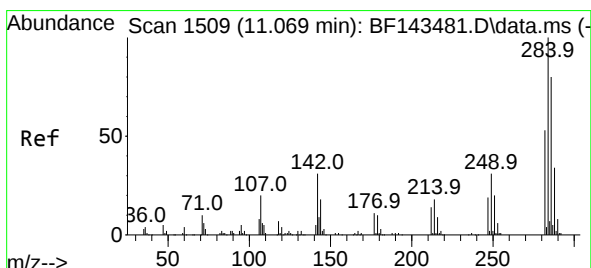
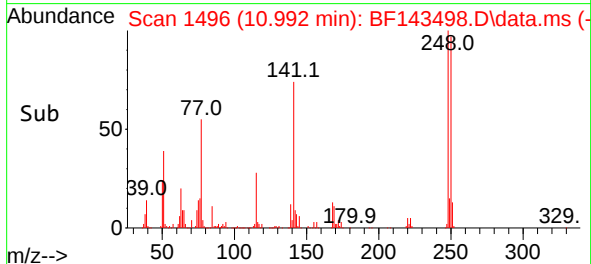
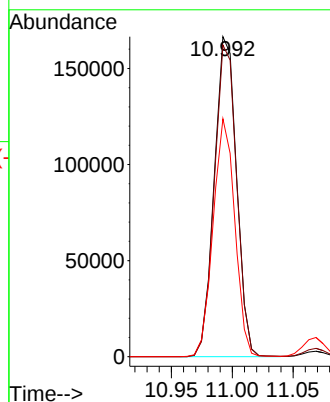
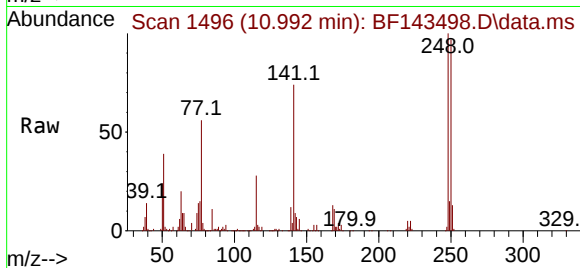




#67
4-Bromophenyl-phenylether
Concen: 39.734 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

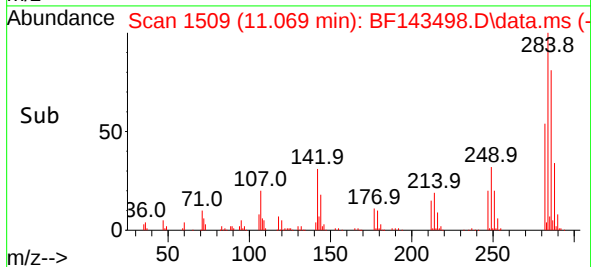
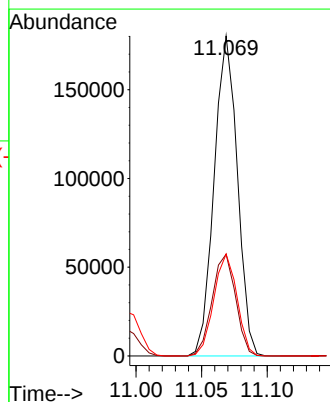
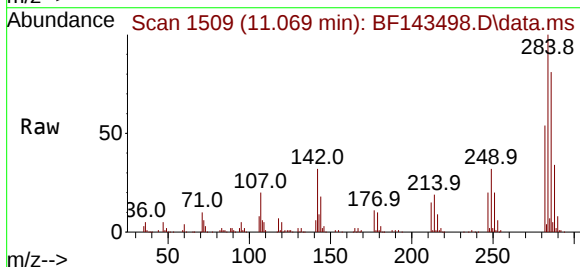
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

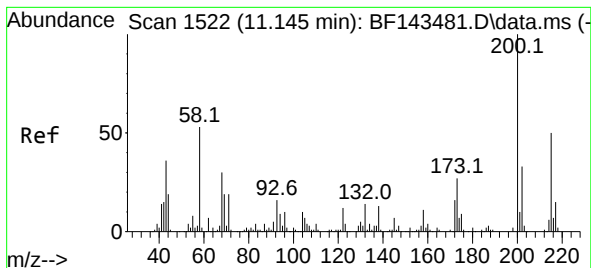
Tgt Ion:248 Resp: 212441
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.8
141 74.4 54.0 81.0



#68
Hexachlorobenzene
Concen: 38.425 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:284 Resp: 221451
Ion Ratio Lower Upper
284 100
142 31.8 24.4 36.6
249 31.9 25.0 37.6





#69

Atrazine

Concen: 44.605 ng

RT: 11.145 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

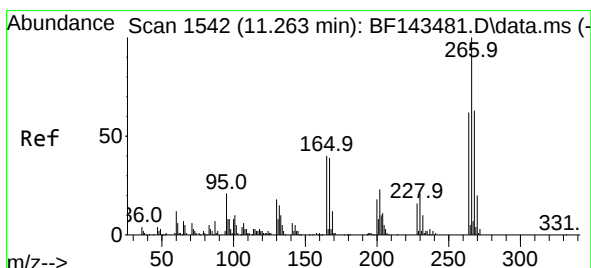
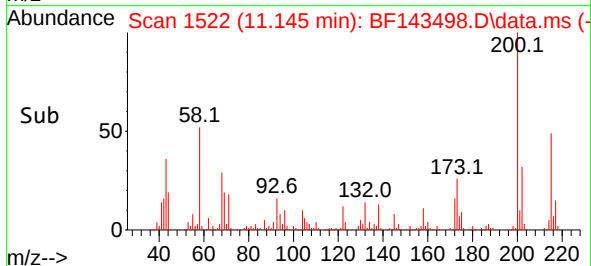
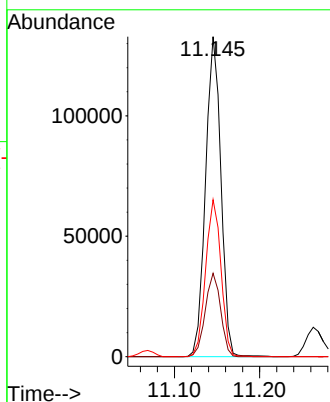
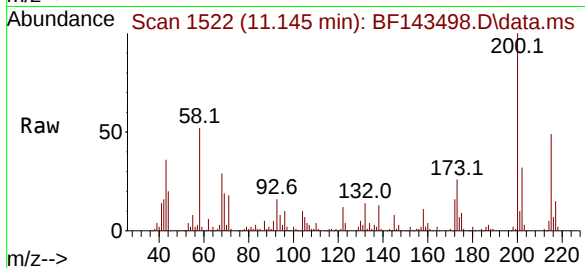
Tgt Ion:200 Resp: 166044

Ion Ratio Lower Upper

200 100

173 26.1 6.9 46.9

215 49.1 30.0 70.0



#70

Pentachlorophenol

Concen: 40.559 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

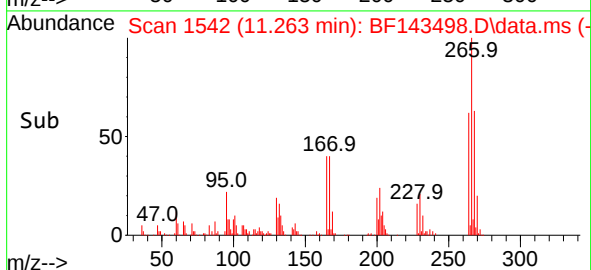
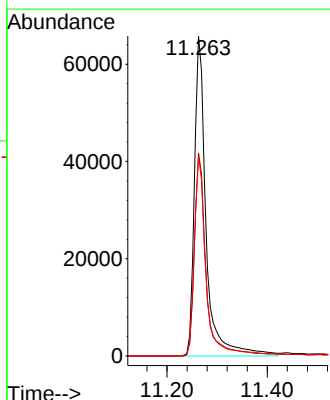
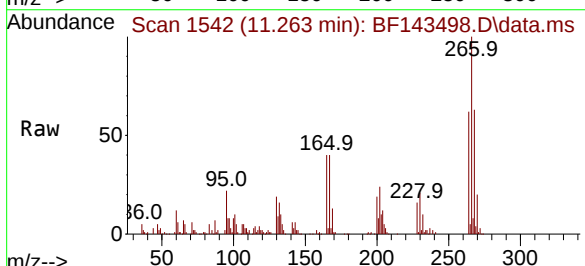
Tgt Ion:266 Resp: 107054

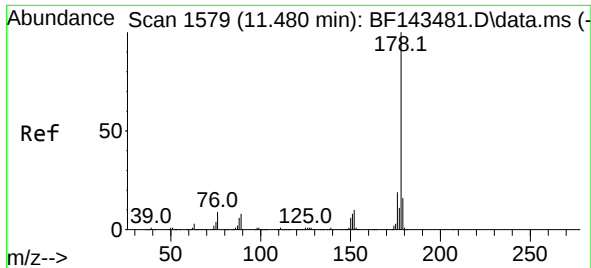
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 62.4 49.8 74.8

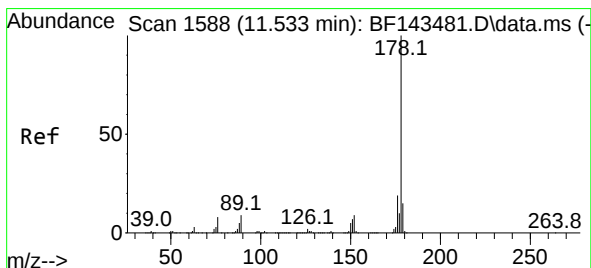
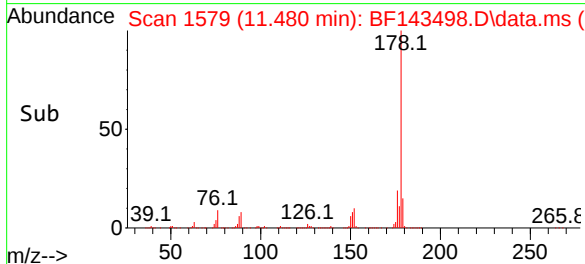
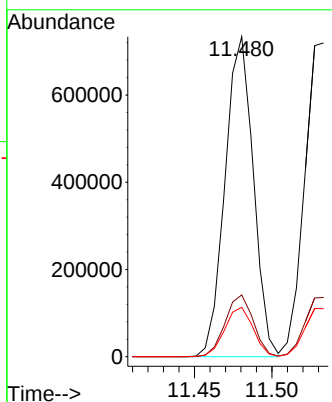
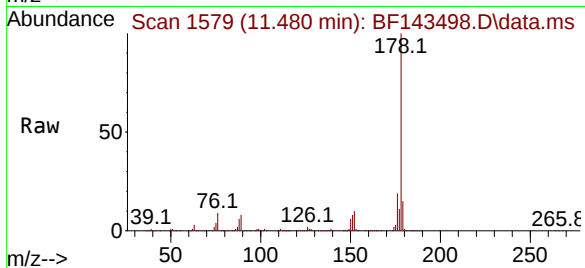




#71
Phenanthrene
Concen: 38.800 ng
RT: 11.480 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

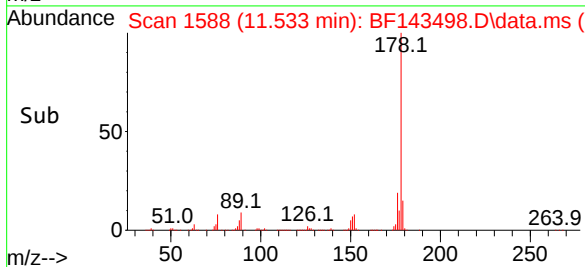
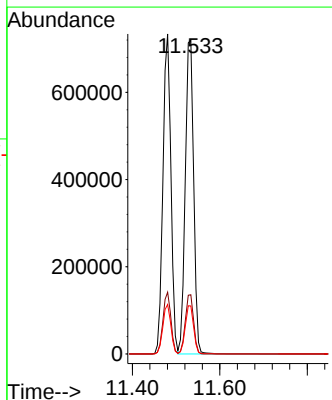
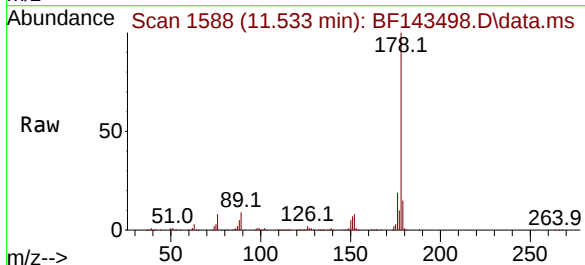
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

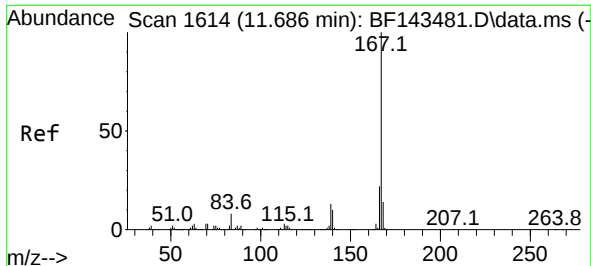
Tgt Ion:178 Resp: 931062
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 39.041 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:178 Resp: 949077
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.3 12.3 18.5

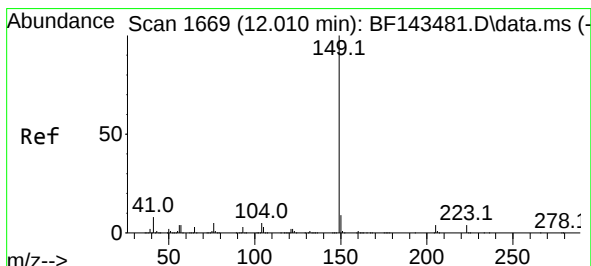
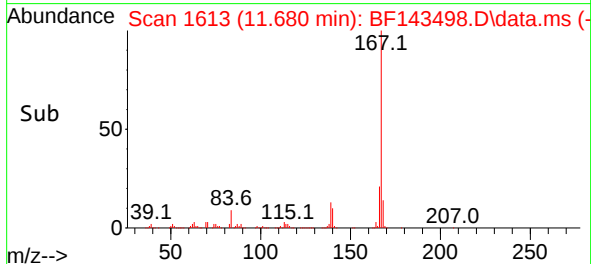
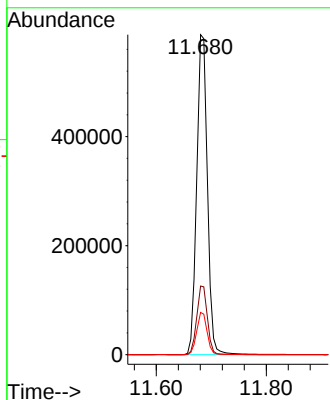
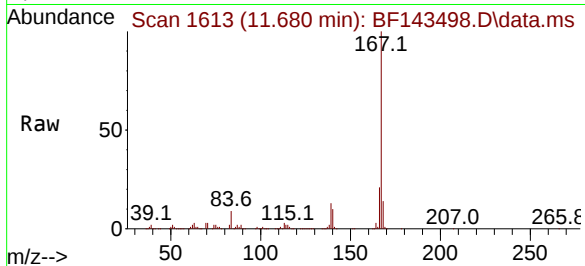




#73
 Carbazole
 Concen: 39.926 ng
 RT: 11.680 min Scan# 1613
 Delta R.T. -0.006 min
 Lab File: BF143498.D
 Acq: 20 Aug 2025 22:05

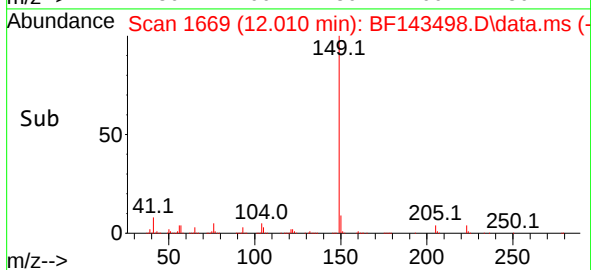
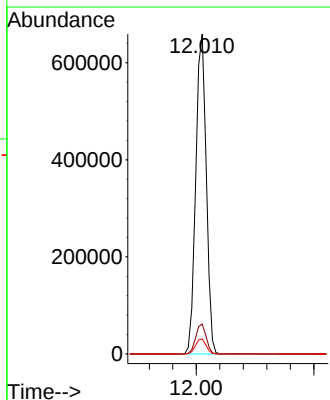
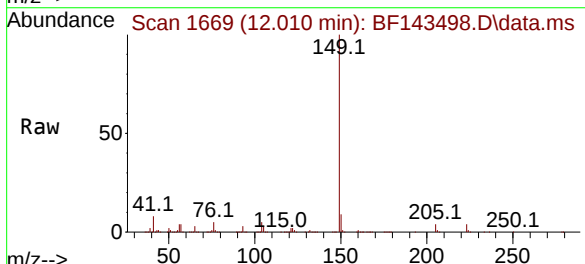
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

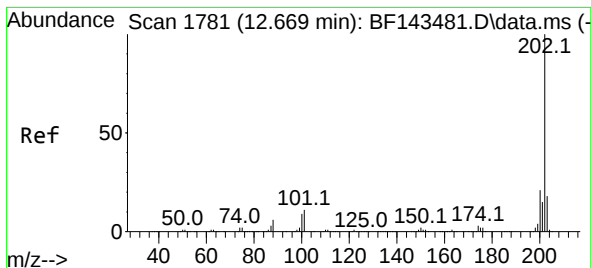
Tgt Ion:167 Resp: 795296
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.2 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 43.920 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF143498.D
 Acq: 20 Aug 2025 22:05

Tgt Ion:149 Resp: 816139
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 40.050 ng

RT: 12.669 min Scan# 1781

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

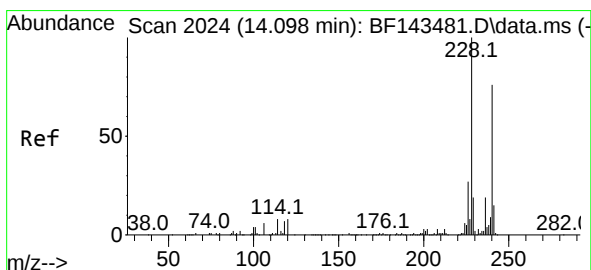
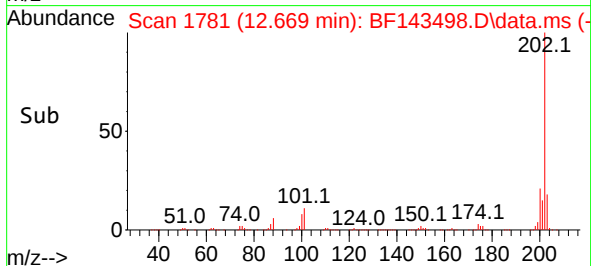
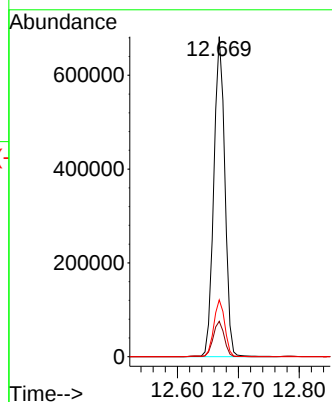
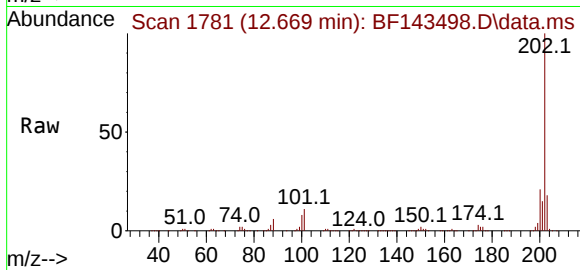
Tgt Ion:202 Resp: 862364

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.3

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

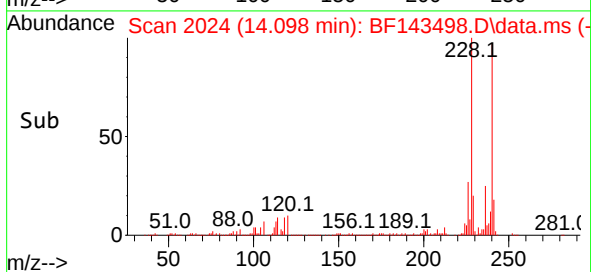
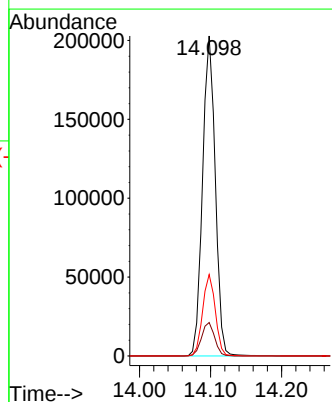
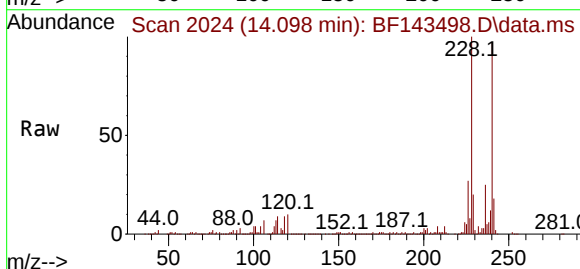
Tgt Ion:240 Resp: 253253

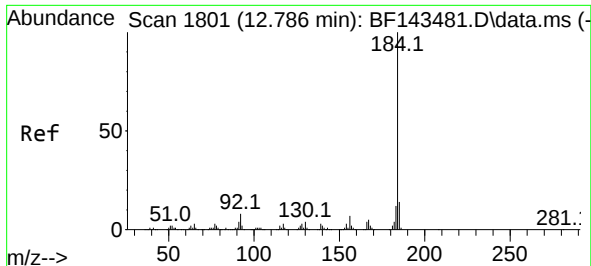
Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

236 25.4 20.4 30.6

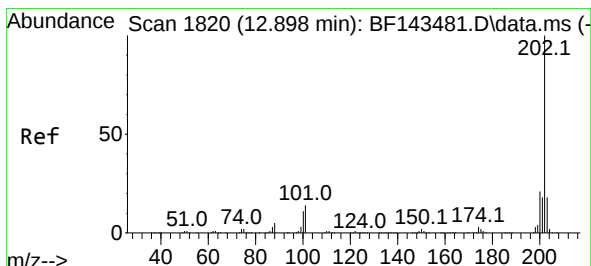
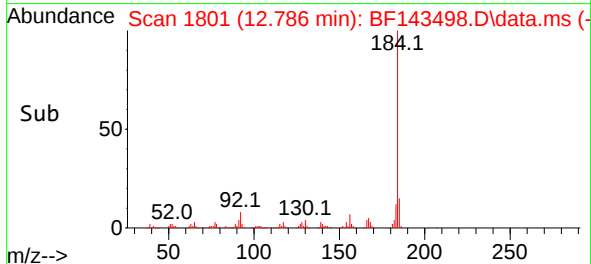
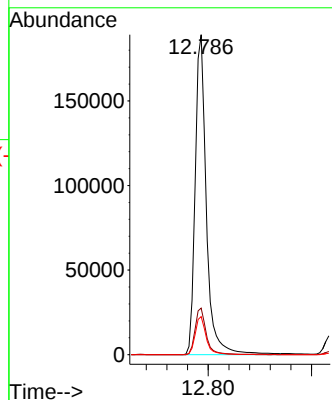
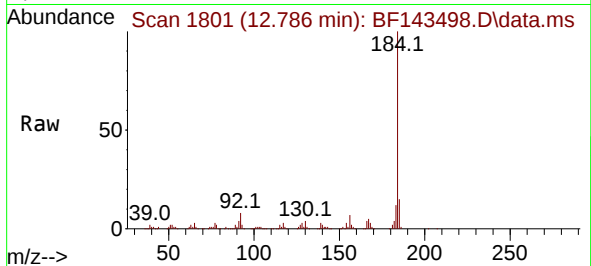




#77
Benzidine
Concen: 46.044 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

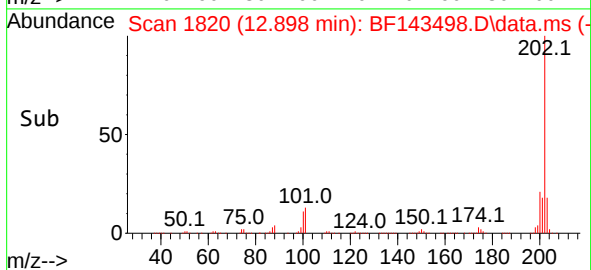
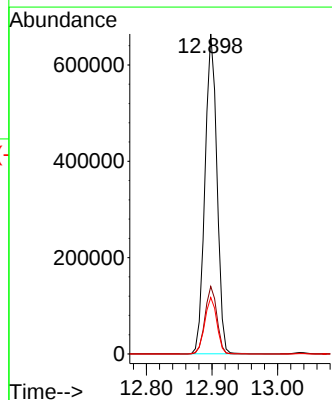
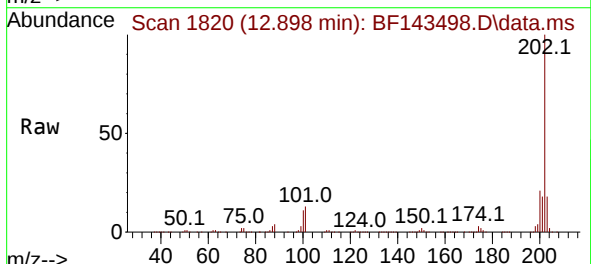
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

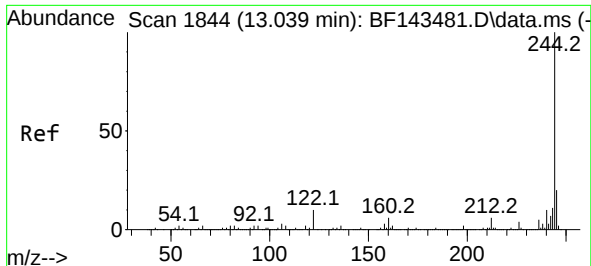
Tgt Ion:184 Resp: 284041
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 11.9 9.5 14.3



#78
Pyrene
Concen: 40.485 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:202 Resp: 843384
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 14.3 21.5

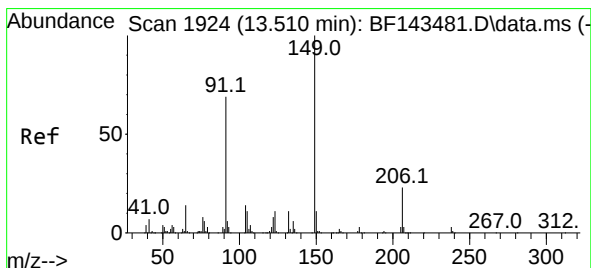
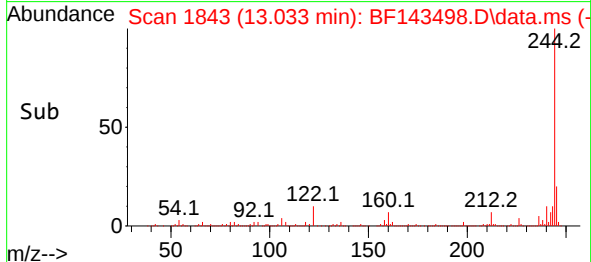
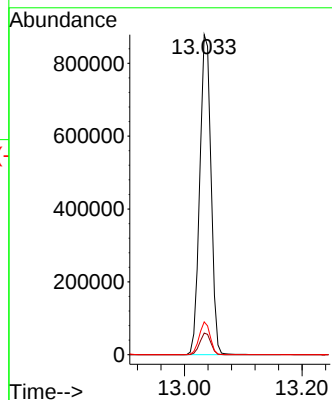
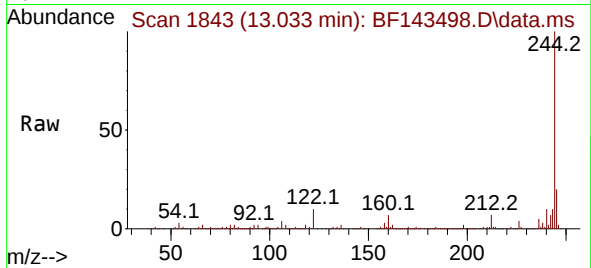




#79
 Terphenyl-d14
 Concen: 80.326 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143498.D
 Acq: 20 Aug 2025 22:05

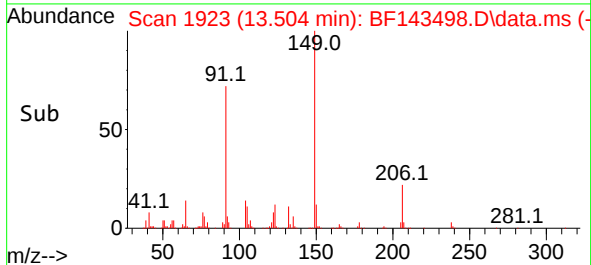
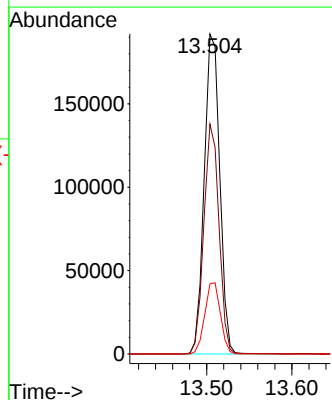
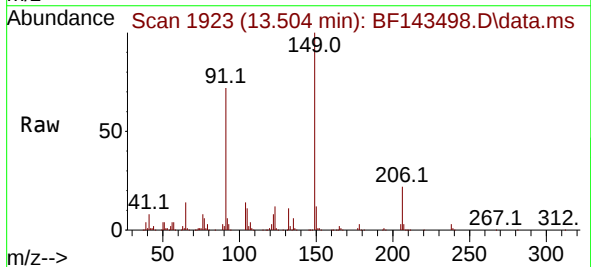
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

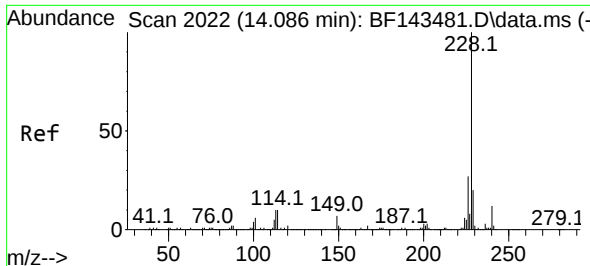
Tgt Ion:244 Resp: 1165752
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.3 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 42.677 ng
 RT: 13.504 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF143498.D
 Acq: 20 Aug 2025 22:05

Tgt Ion:149 Resp: 242873
 Ion Ratio Lower Upper
 149 100
 91 71.8 55.3 82.9
 206 21.9 18.2 27.4

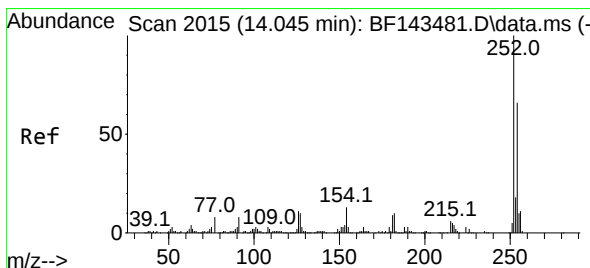
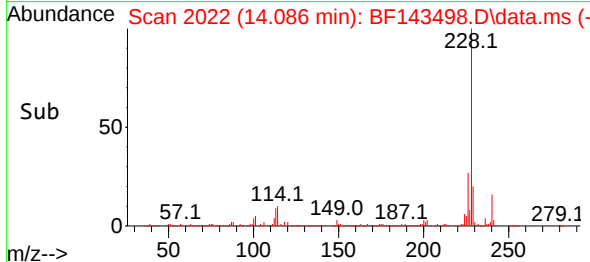
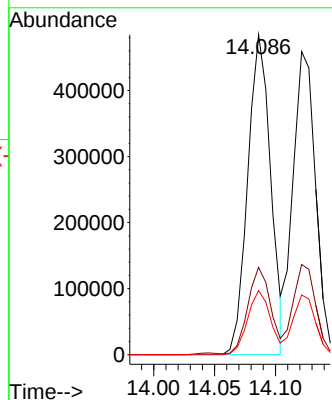
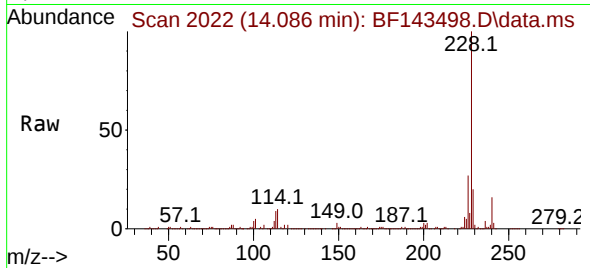




#81
Benzo(a)anthracene
Concen: 38.965 ng
RT: 14.086 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

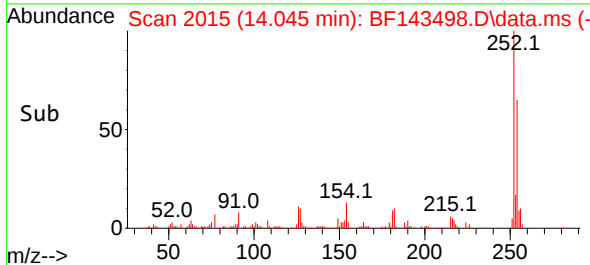
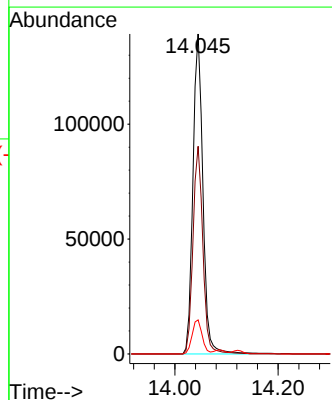
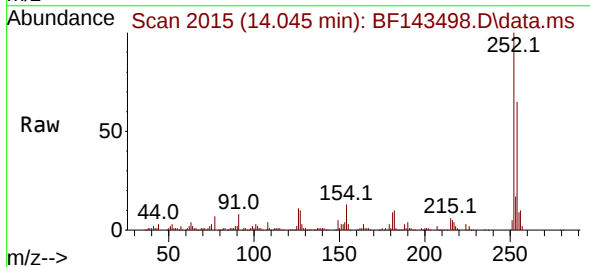
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

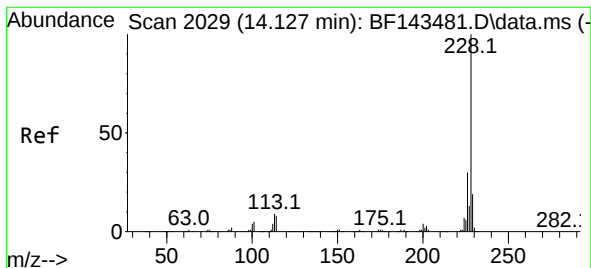
Tgt Ion:228 Resp: 635317
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 40.076 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:252 Resp: 187129
Ion Ratio Lower Upper
252 100
254 64.9 52.6 79.0
126 10.7 8.7 13.1





#83

Chrysene

Concen: 40.656 ng

RT: 14.121 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

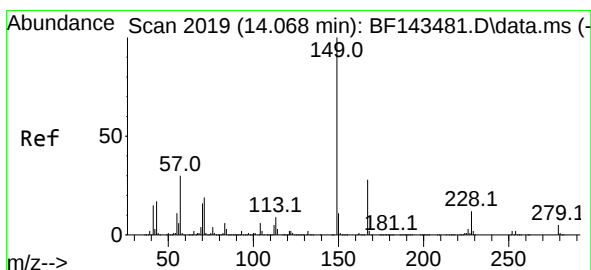
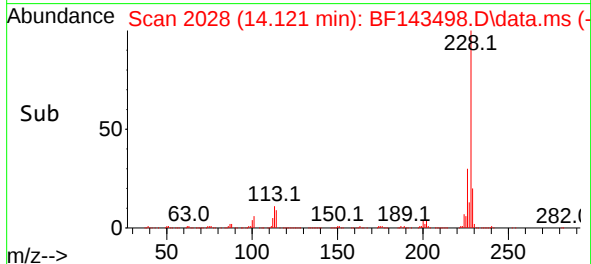
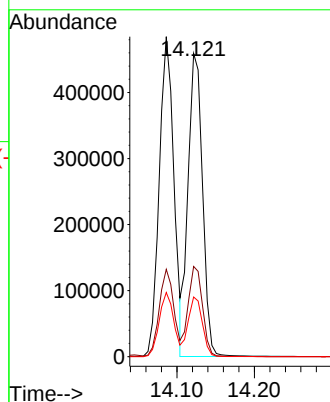
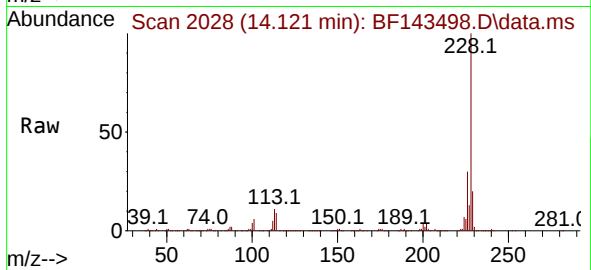
Tgt Ion:228 Resp: 595706

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.980 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

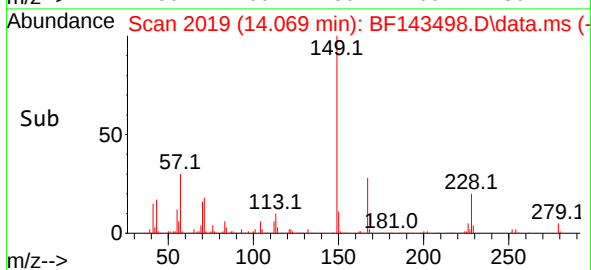
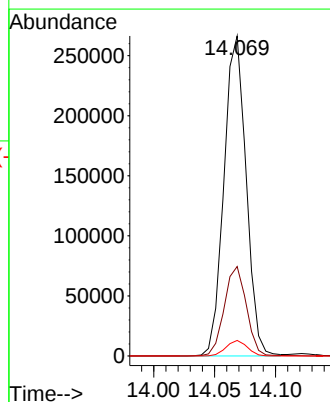
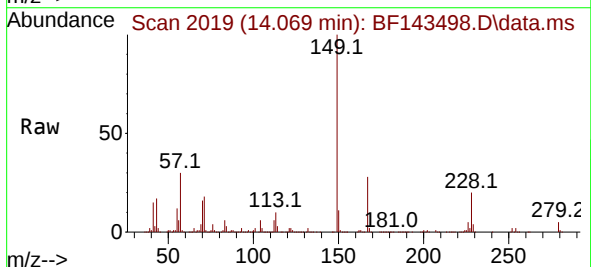
Tgt Ion:149 Resp: 337867

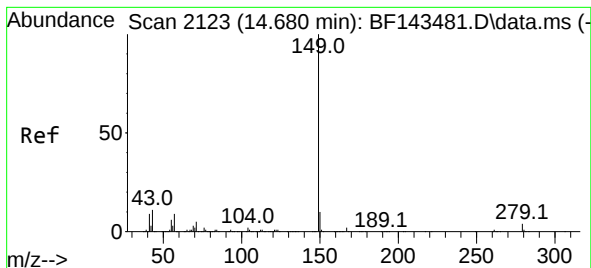
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 38.327 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

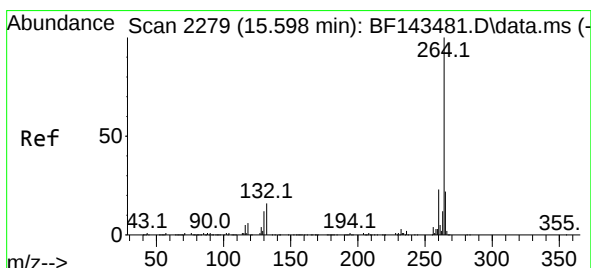
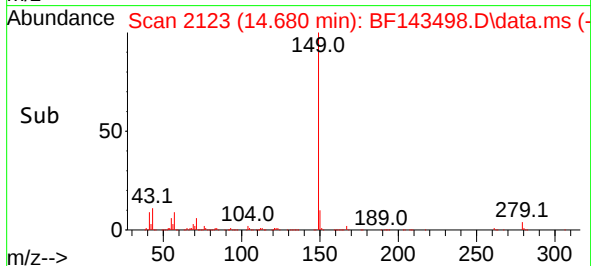
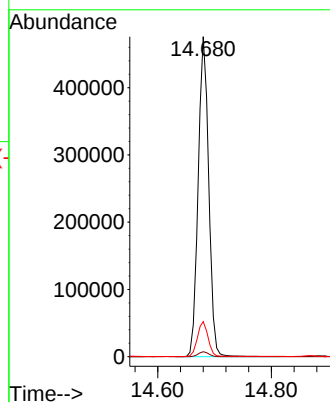
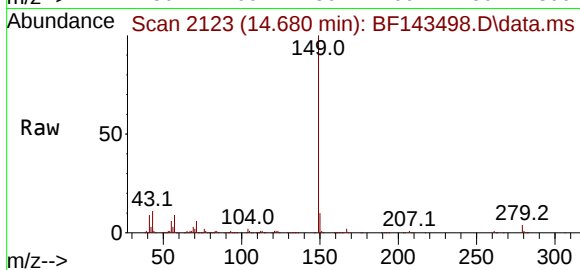
Tgt Ion:149 Resp: 615416

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.0 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

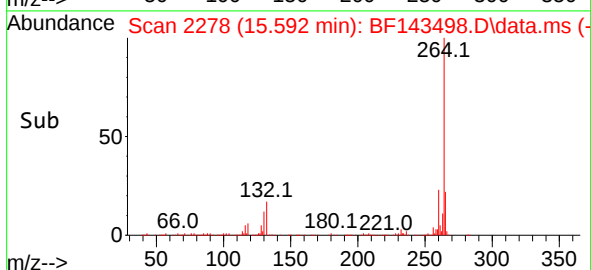
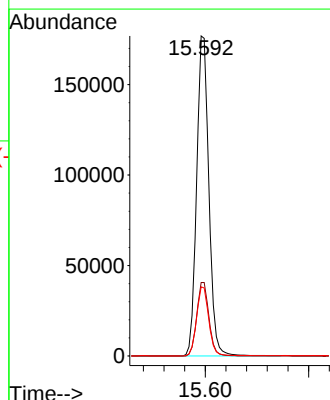
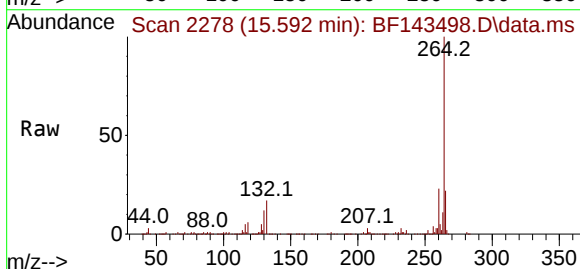
Tgt Ion:264 Resp: 290056

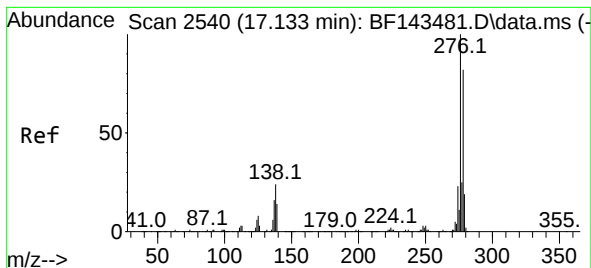
Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.308 ng

RT: 17.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

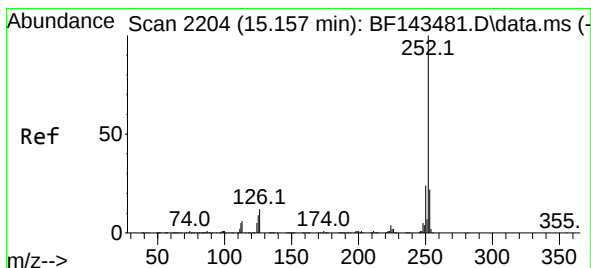
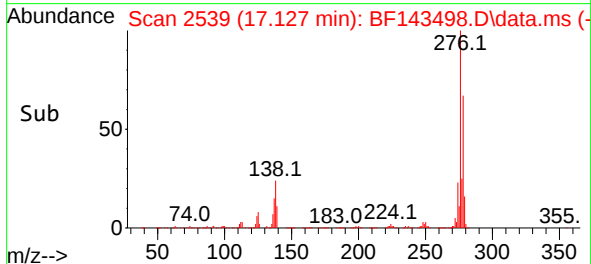
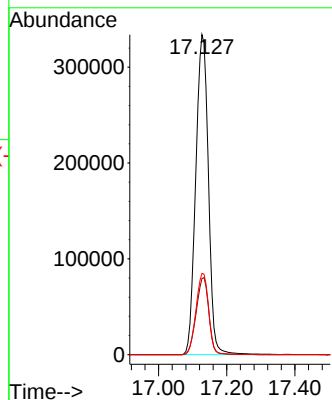
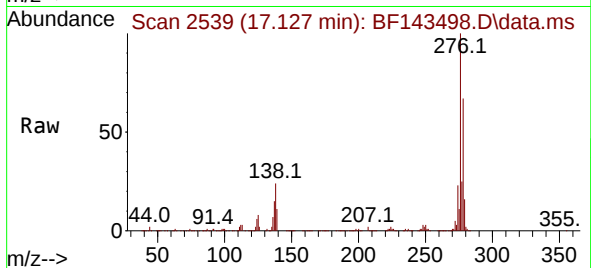
Tgt Ion:276 Resp: 861001

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.847 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

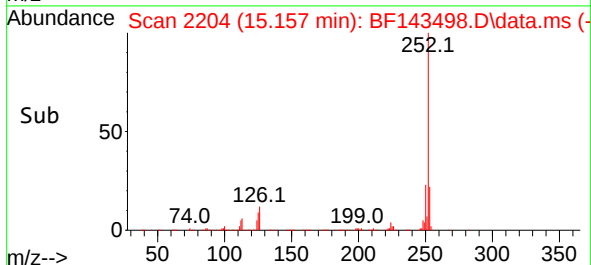
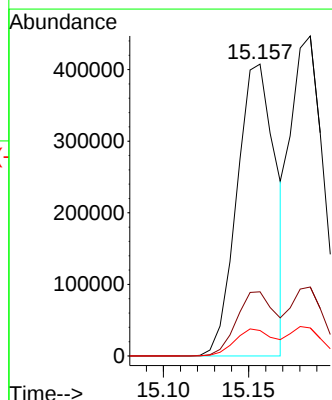
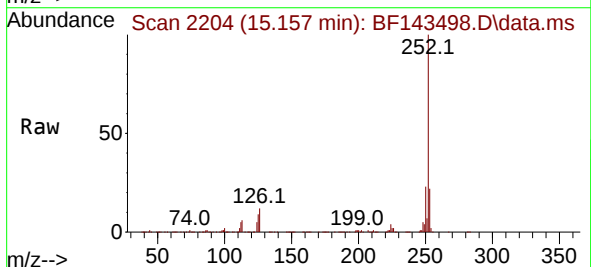
Tgt Ion:252 Resp: 642454

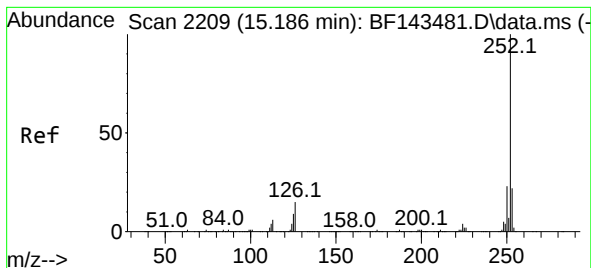
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 39.415 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

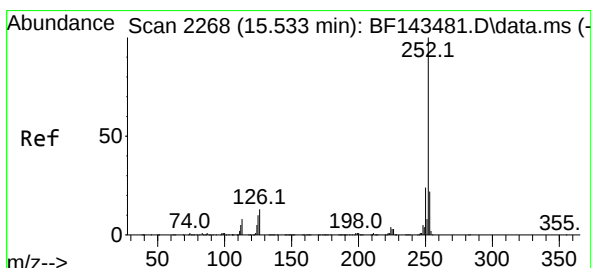
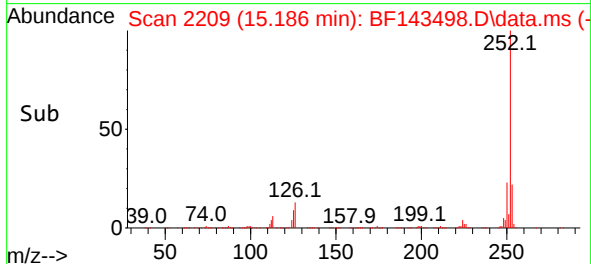
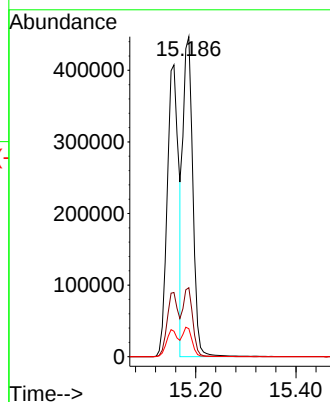
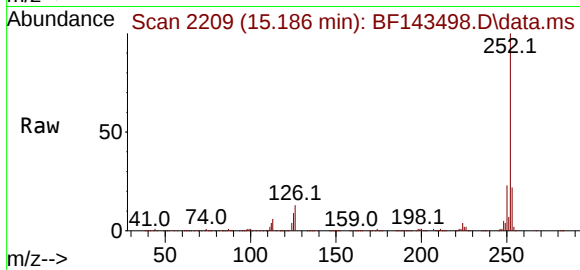
Tgt Ion:252 Resp: 608451

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 8.7 7.4 11.0



#90

Benzo(a)pyrene

Concen: 40.037 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143498.D

Acq: 20 Aug 2025 22:05

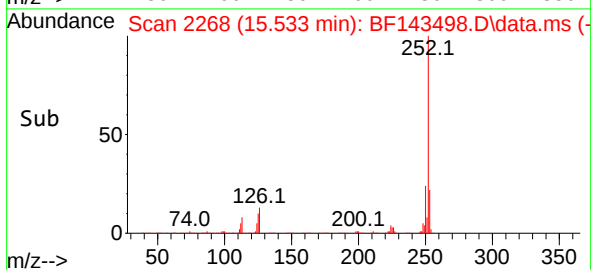
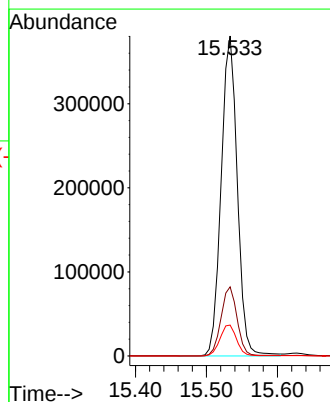
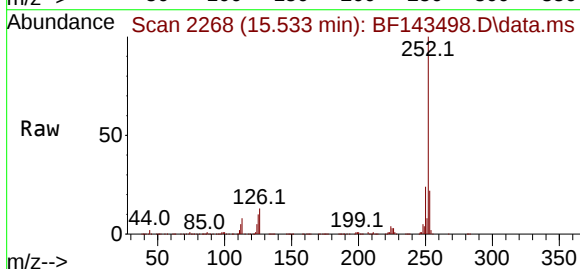
Tgt Ion:252 Resp: 599182

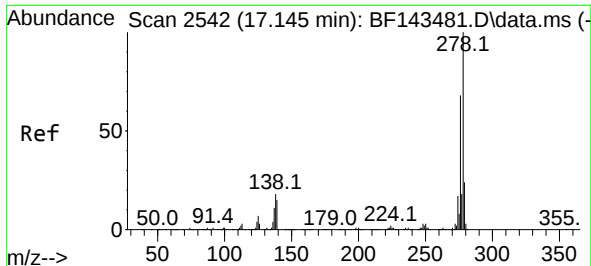
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.7 8.2 12.2

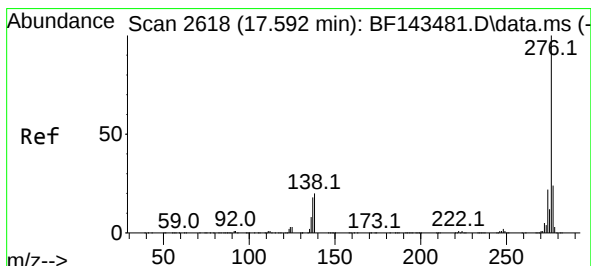
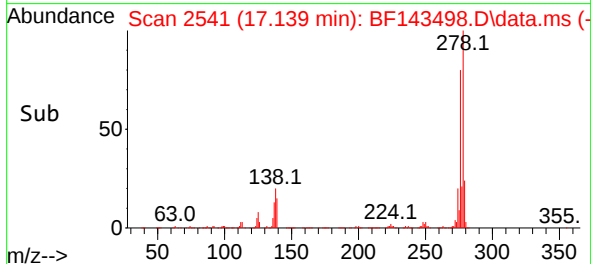
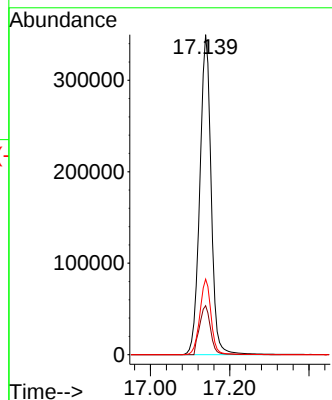
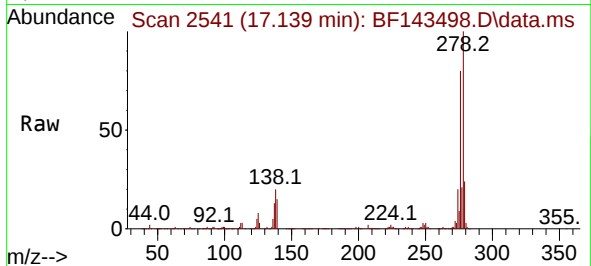




#91
Dibenzo(a,h)anthracene
Concen: 41.497 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 692716
Ion Ratio Lower Upper
278 100
139 15.3 12.1 18.1
279 23.6 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 41.185 ng
RT: 17.586 min Scan# 2617
Delta R.T. -0.018 min
Lab File: BF143498.D
Acq: 20 Aug 2025 22:05

Tgt Ion:276 Resp: 683631
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 21.3 16.3 24.5

