

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143481.D
 Acq On : 20 Aug 2025 12:53
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 20 16:23:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 20 15:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137770	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	521928	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	282852	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	436106	20.000	ng	0.00
76) Chrysene-d12	14.098	240	249960	20.000	ng	0.00
86) Perylene-d12	15.598	264	288139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	627397	79.519	ng	0.00
7) Phenol-d6	6.563	99	775270	79.600	ng	-0.01
23) Nitrobenzene-d5	7.492	82	717900	80.266	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	212595	80.744	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1307900	76.419	ng	0.00
79) Terphenyl-d14	13.039	244	1129659	78.865	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	147614	40.387	ng	100
3) Pyridine	3.522	79	396205	40.700	ng	100
4) n-Nitrosodimethylamine	3.463	42	176726	40.383	ng	100
6) Aniline	6.592	93	520870	40.010	ng	100
8) 2-Chlorophenol	6.716	128	349331	40.086	ng	100
9) Benzaldehyde	6.481	77	330624	41.929	ng	100
10) Phenol	6.581	94	453508	40.419	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	334229	39.862	ng	100
12) 1,3-Dichlorobenzene	6.869	146	389485	39.778	ng	100
13) 1,4-Dichlorobenzene	6.945	146	388762	39.581	ng	100
14) 1,2-Dichlorobenzene	7.098	146	371439	39.943	ng	100
15) Benzyl Alcohol	7.069	79	298360	40.916	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	538319	40.131	ng	100
17) 2-Methylphenol	7.187	107	278676	39.844	ng	100
18) Hexachloroethane	7.439	117	135258	40.503	ng	100
19) n-Nitroso-di-n-propyla...	7.339	70	232621	39.076	ng	100
20) 3+4-Methylphenols	7.334	107	335474	40.179	ng	100
22) Acetophenone	7.334	105	436693	38.728	ng	100
24) Nitrobenzene	7.510	77	371931	40.403	ng	100
25) Isophorone	7.745	82	648362	39.546	ng	100
26) 2-Nitrophenol	7.828	139	185255	41.084	ng	100
27) 2,4-Dimethylphenol	7.863	122	281983	40.116	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	402757	39.973	ng	100
29) 2,4-Dichlorophenol	8.075	162	301002	40.095	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	305107	39.529	ng	100
31) Naphthalene	8.234	128	984671	39.296	ng	100
32) Benzoic acid	7.981	122	151495	39.150	ng	100
33) 4-Chloroaniline	8.281	127	357854	40.237	ng	100
34) Hexachlorobutadiene	8.351	225	200199	39.756	ng	100
35) Caprolactam	8.651	113	73867	41.004	ng	100
36) 4-Chloro-3-methylphenol	8.763	107	300101	39.889	ng	100
37) 2-Methylnaphthalene	8.922	142	660885	39.489	ng	100
38) 1-Methylnaphthalene	9.022	142	629141	39.300	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	319789	39.526	ng	100
41) Hexachlorocyclopentadiene	9.081	237	112053	39.218	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	206042	41.387	ng	100

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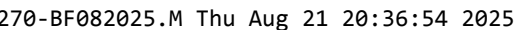
Instrument :
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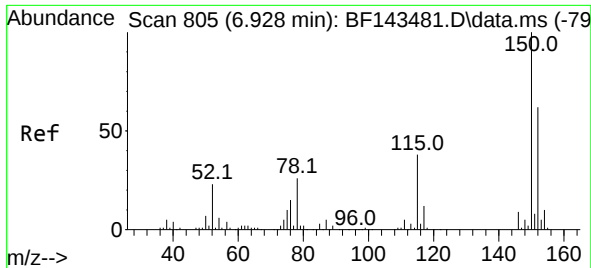
Quant Time: Aug 20 16:23:20 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	216152	39.748	ng	100
46) 1,1'-Biphenyl	9.386	154	791238	39.412	ng	100
47) 2-Chloronaphthalene	9.416	162	625355	39.699	ng	100
48) 2-Nitroaniline	9.504	65	190564	41.336	ng	100
49) Acenaphthylene	9.828	152	893624	39.620	ng	100
50) Dimethylphthalate	9.681	163	679389	39.881	ng	100
51) 2,6-Dinitrotoluene	9.745	165	146703	41.551	ng	100
52) Acenaphthene	9.998	154	608648	39.745	ng	100
53) 3-Nitroaniline	9.916	138	157042	41.163	ng	100
54) 2,4-Dinitrophenol	10.028	184	67793	38.822	ng	100
55) Dibenzofuran	10.175	168	861659	39.465	ng	100
56) 4-Nitrophenol	10.086	139	96926	42.699	ng	100
57) 2,4-Dinitrotoluene	10.151	165	198600	42.127	ng	100
58) Fluorene	10.516	166	654929	38.975	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	167834	41.542	ng	100
60) Diethylphthalate	10.380	149	613485	40.167	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	330692	39.350	ng	100
62) 4-Nitroaniline	10.528	138	145120	41.412	ng	100
63) Azobenzene	10.663	77	634664	40.076	ng	100
65) 4,6-Dinitro-2-methylph...	10.563	198	103558	42.115	ng	100
66) n-Nitrosodiphenylamine	10.622	169	558998	39.830	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	210081	40.374	ng	100
68) Hexachlorobenzene	11.069	284	224294	39.989	ng	100
69) Atrazine	11.145	200	146499	40.437	ng	100
70) Pentachlorophenol	11.263	266	108200	42.121	ng	100
71) Phenanthrene	11.480	178	906136	38.800	ng	100
72) Anthracene	11.533	178	936575	39.587	ng	100
73) Carbazole	11.686	167	769702	39.704	ng	100
74) Di-n-butylphthalate	12.010	149	741021	40.975	ng	100
75) Fluoranthene	12.669	202	825200	39.378	ng	100
77) Benzidine	12.786	184	258175	42.403	ng	100
78) Pyrene	12.898	202	817477	39.759	ng	100
80) Butylbenzylphthalate	13.510	149	233397	41.552	ng	100
81) Benzo(a)anthracene	14.086	228	658804	40.938	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	186301	40.425	ng	100
83) Chrysene	14.127	228	556527	38.482	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	354779	41.471	ng	100
85) Di-n-octyl phthalate	14.680	149	649137	40.959	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	835150	40.334	ng	100
88) Benzo(b)fluoranthene	15.157	252	618677	38.627	ng	100
89) Benzo(k)fluoranthene	15.186	252	623043	40.628	ng	100
90) Benzo(a)pyrene	15.533	252	594623	39.996	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	669452	40.370	ng	100
92) Benzo(g,h,i)perylene	17.592	276	666442	40.417	ng	100

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

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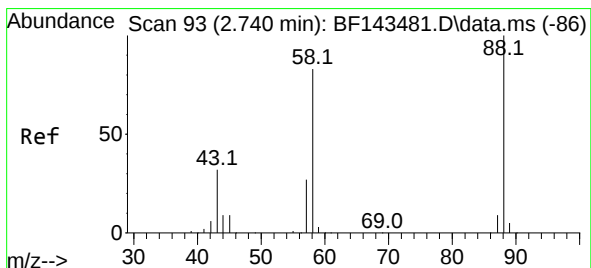
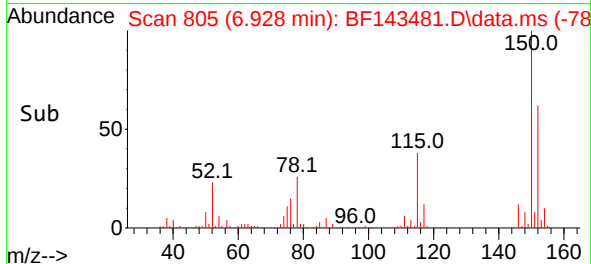
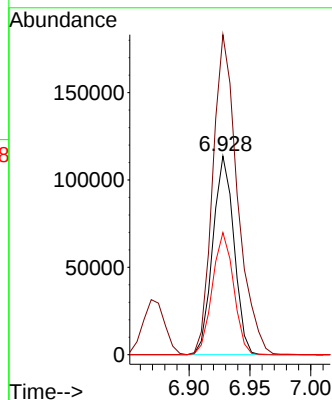
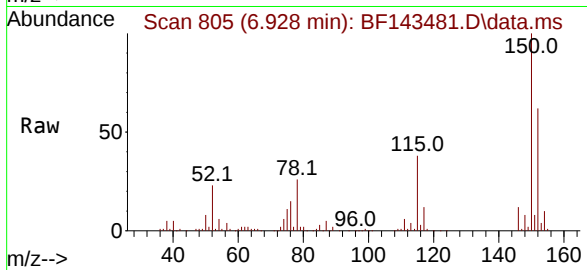




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143481.D
 Acq: 20 Aug 2025 12:53

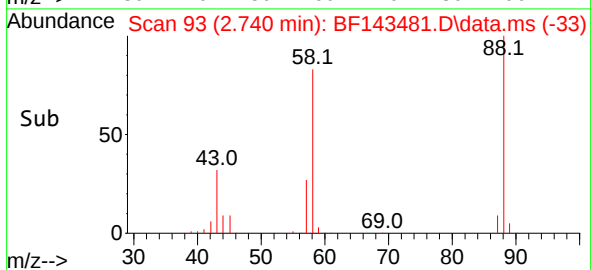
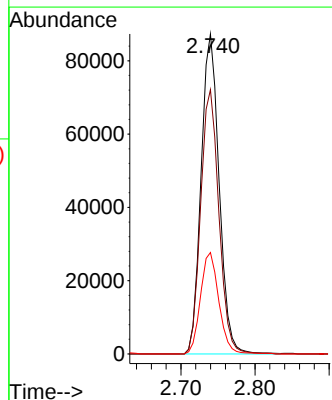
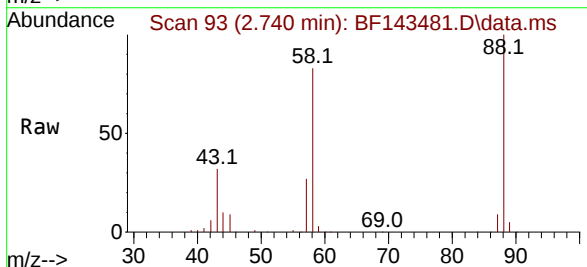
Instrument :
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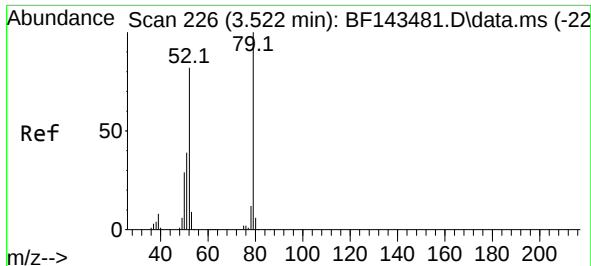
Tgt Ion:152 Resp: 137770
 Ion Ratio Lower Upper
 152 100
 150 161.1 128.9 193.3
 115 61.5 49.2 73.8



#2
 1,4-Dioxane
 Concen: 40.387 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.006 min
 Lab File: BF143481.D
 Acq: 20 Aug 2025 12:53

Tgt Ion: 88 Resp: 147614
 Ion Ratio Lower Upper
 88 100
 58 83.4 66.7 100.1
 43 32.3 25.8 38.8





#3

Pyridine

Concen: 40.700 ng

RT: 3.522 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

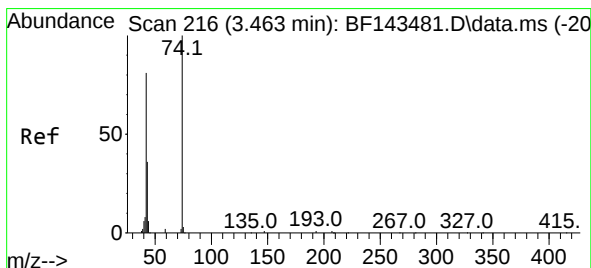
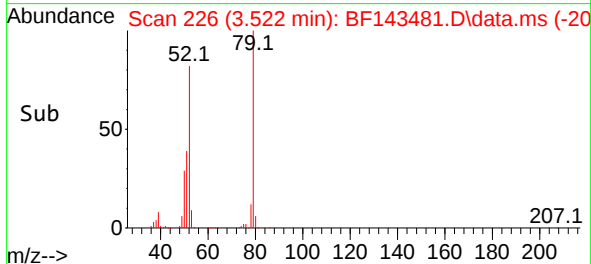
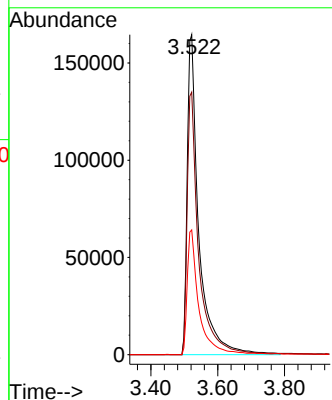
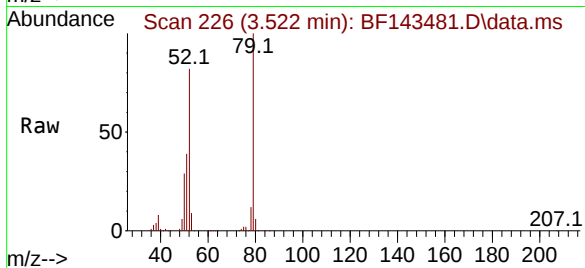
Tgt Ion: 79 Resp: 396205

Ion Ratio Lower Upper

79 100

52 82.0 65.6 98.4

51 39.0 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 40.383 ng

RT: 3.463 min Scan# 216

Delta R.T. -0.012 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

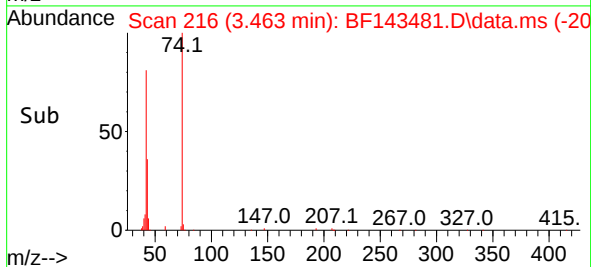
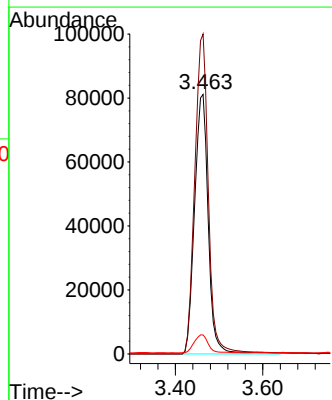
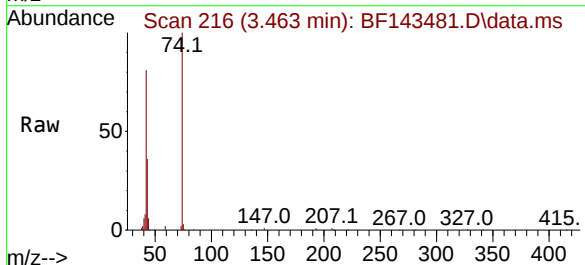
Tgt Ion: 42 Resp: 176726

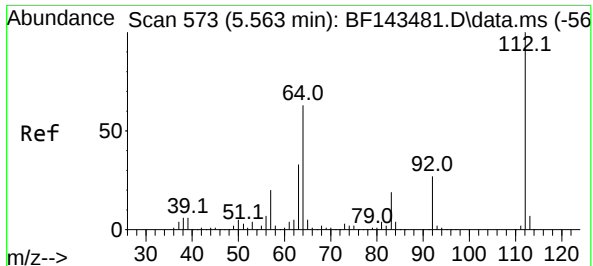
Ion Ratio Lower Upper

42 100

74 123.3 98.6 148.0

44 7.3 5.8 8.8

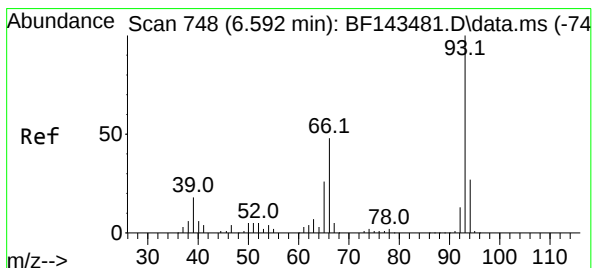
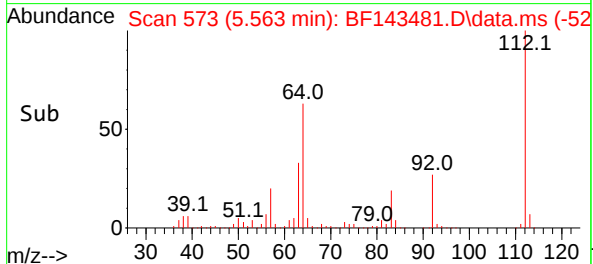
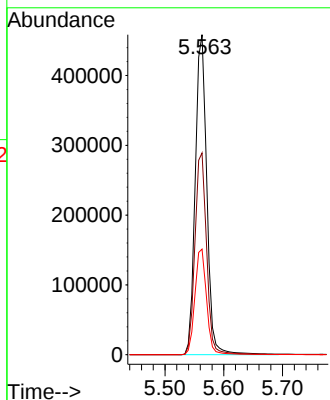
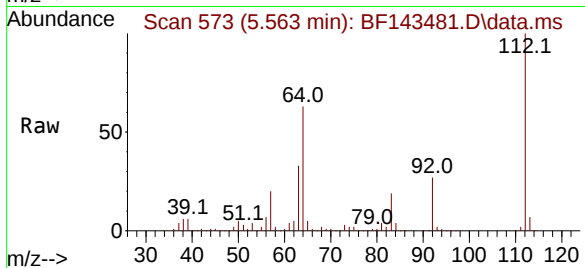




#5
2-Fluorophenol
Concen: 79.519 ng
RT: 5.563 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

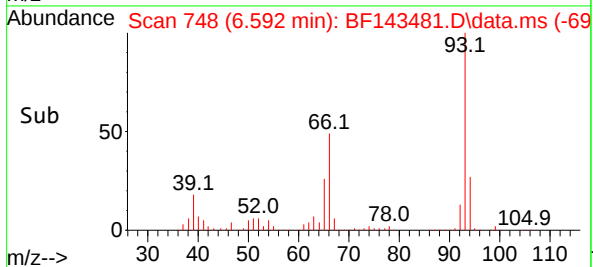
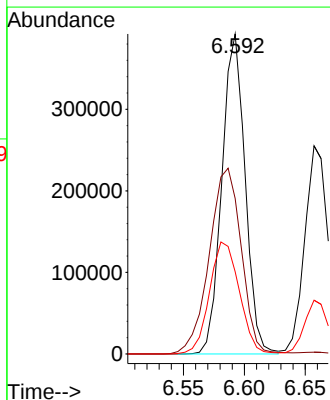
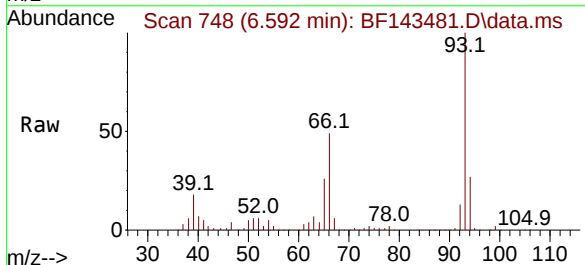
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

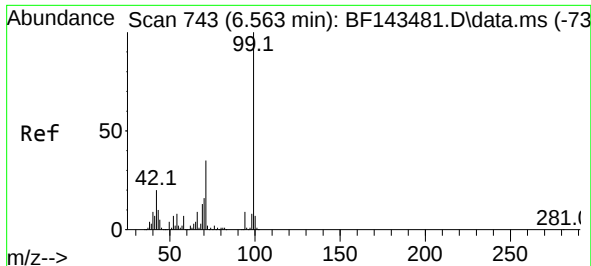
Tgt Ion:112 Resp: 627397
Ion Ratio Lower Upper
112 100
64 63.0 50.4 75.6
63 33.0 26.4 39.6



#6
Aniline
Concen: 40.010 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 93 Resp: 520870
Ion Ratio Lower Upper
93 100
66 48.6 38.9 58.3
65 25.7 20.6 30.8

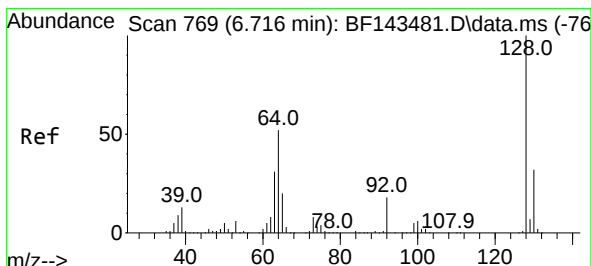
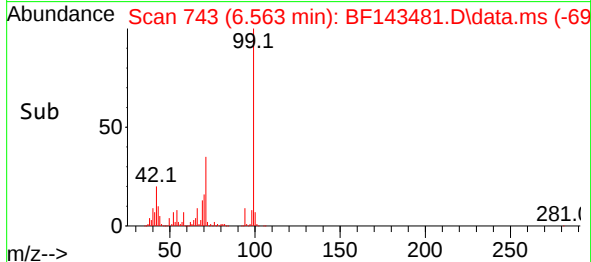
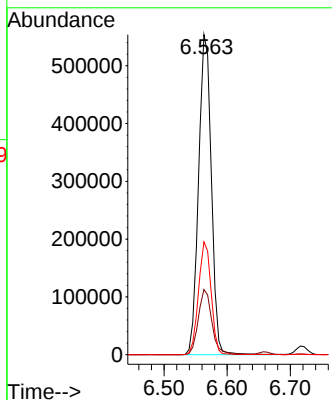
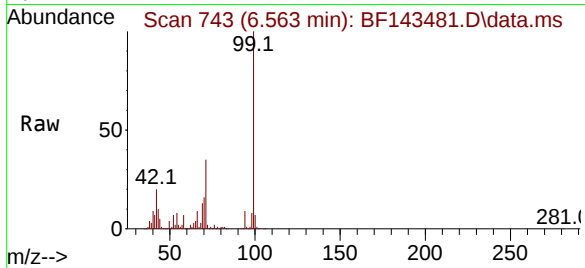




#7
Phenol-d6
Concen: 79.600 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

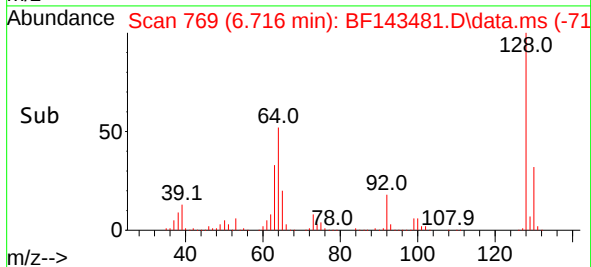
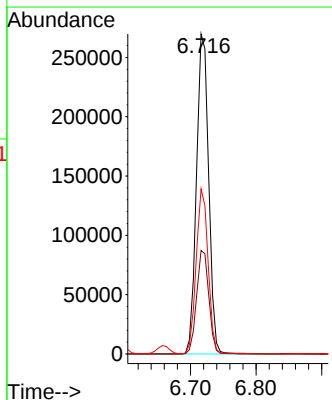
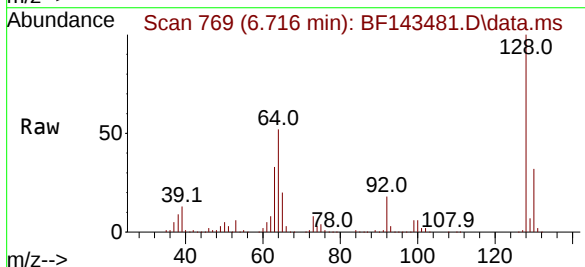
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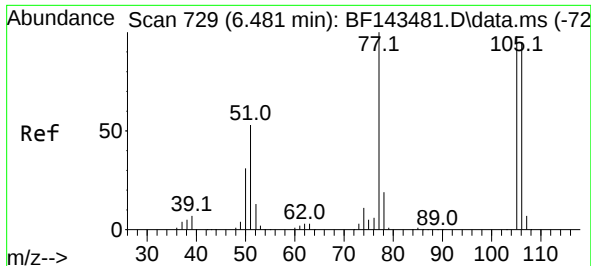
Tgt Ion: 99 Resp: 775270
Ion Ratio Lower Upper
99 100
42 20.4 16.3 24.5
71 35.2 28.2 42.2



#8
2-Chlorophenol
Concen: 40.086 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 128 Resp: 349331
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 51.6 31.6 71.6



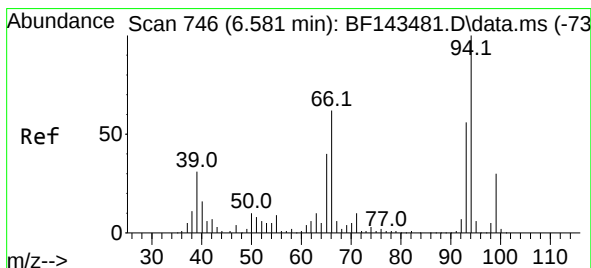
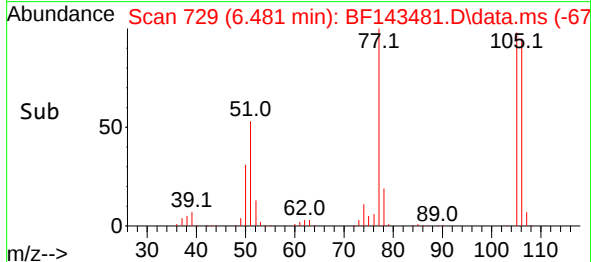
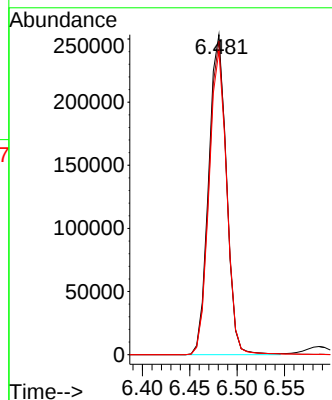
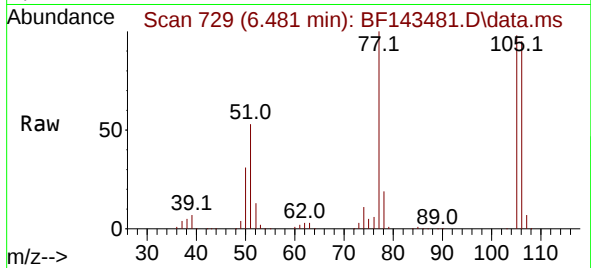


#9
Benzaldehyde
Concen: 41.929 ng
RT: 6.481 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 330624

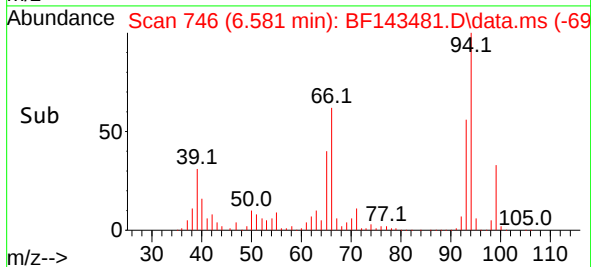
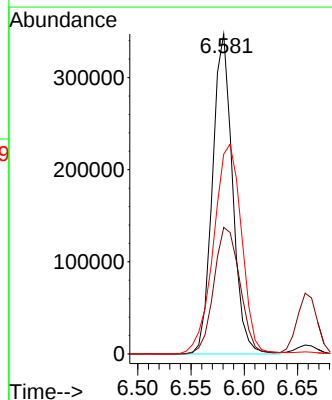
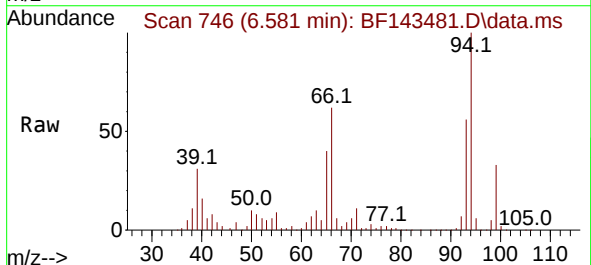
Ion	Ratio	Lower	Upper
77	100		
105	98.1	78.1	118.1
106	94.9	74.9	114.9

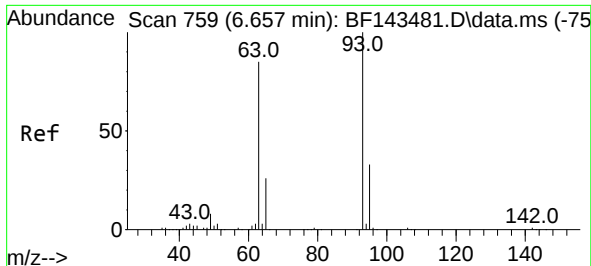


#10
Phenol
Concen: 40.419 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 94 Resp: 453508

Ion	Ratio	Lower	Upper
94	100		
65	39.5	19.5	59.5
66	62.5	42.5	82.5

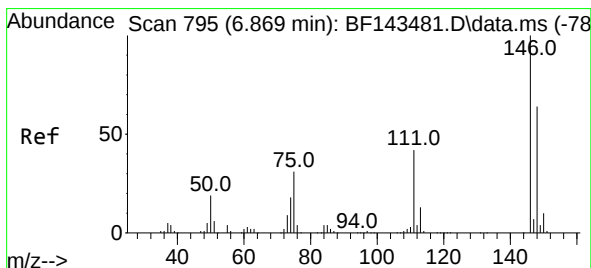
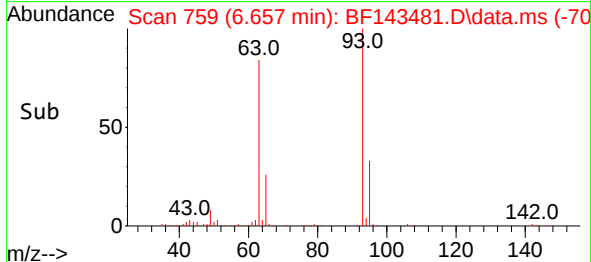
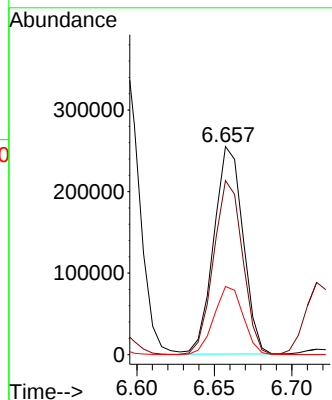
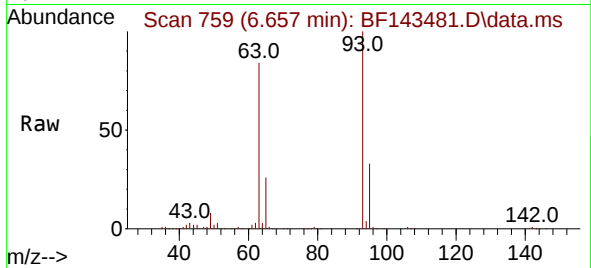




#11
bis(2-Chloroethyl)ether
Concen: 39.862 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

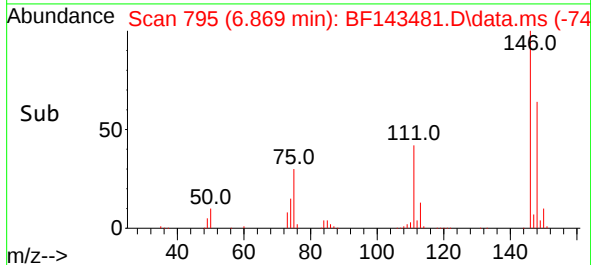
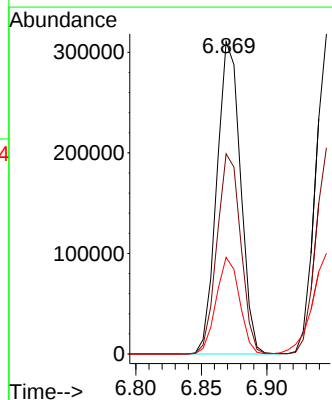
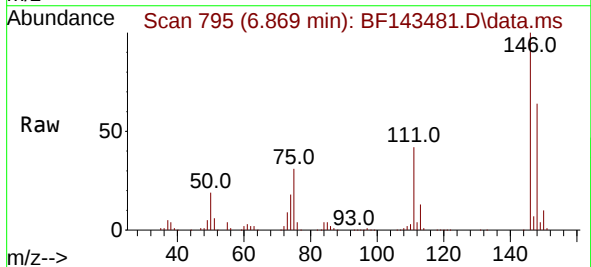
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

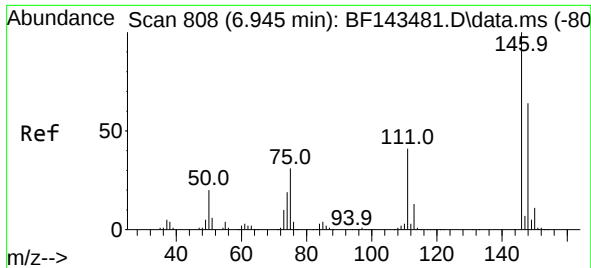
Tgt Ion: 93 Resp: 334229
Ion Ratio Lower Upper
93 100
63 83.6 63.6 103.6
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.778 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:146 Resp: 389485
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 30.9 24.7 37.1

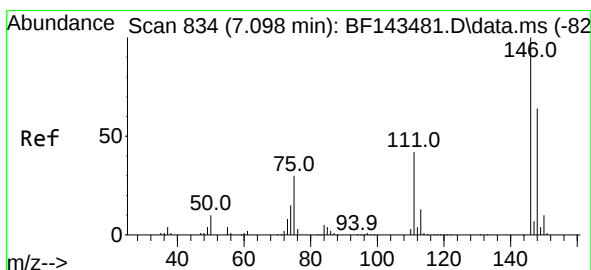
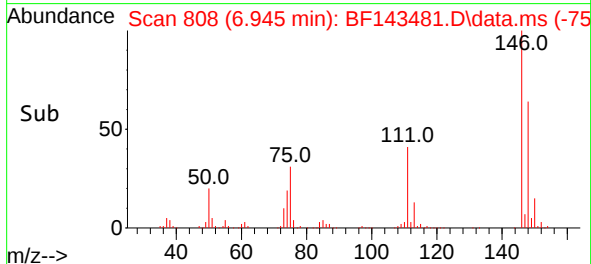
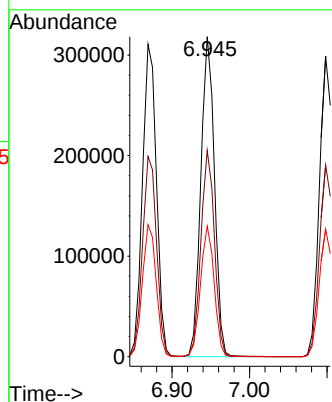
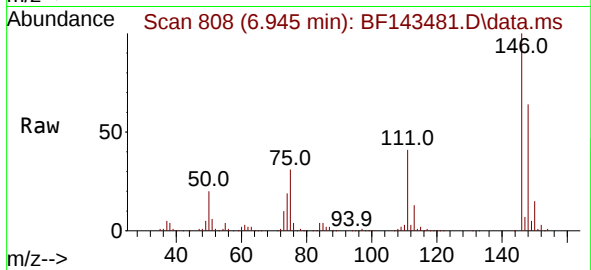




#13
1,4-Dichlorobenzene
Concen: 39.581 ng
RT: 6.945 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

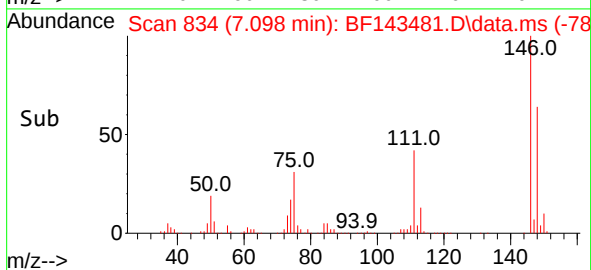
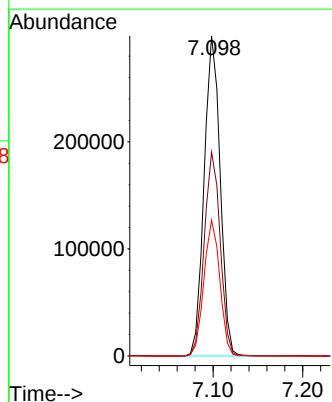
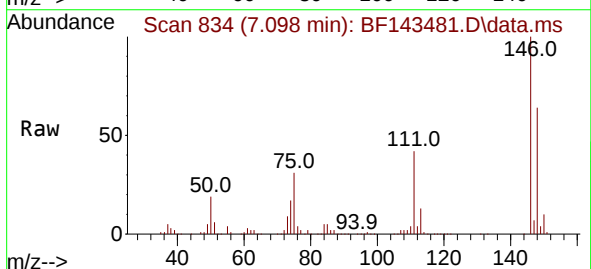
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

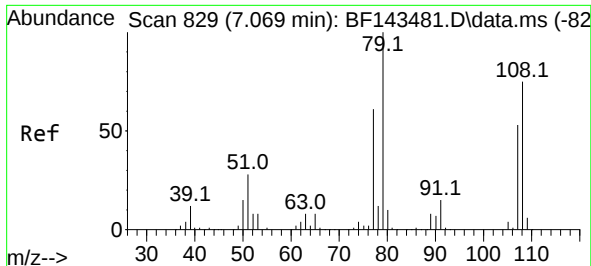
Tgt Ion:146 Resp: 388762
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 40.8 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 39.943 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:146 Resp: 371439
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 42.5 34.0 51.0

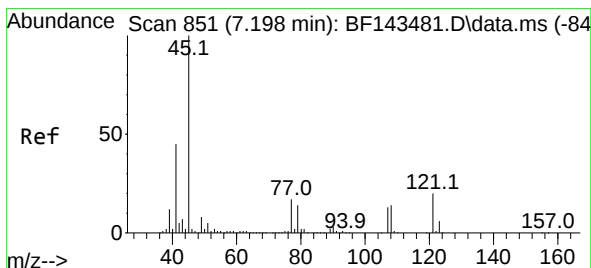
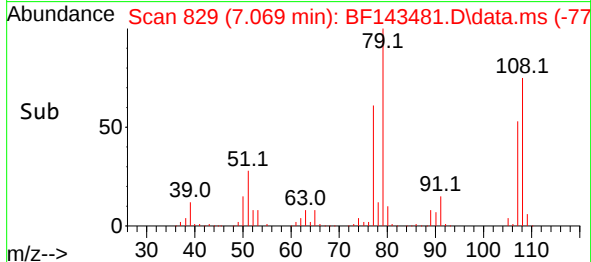
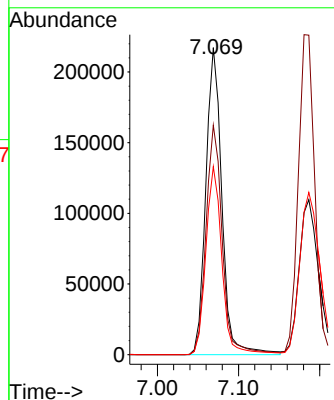
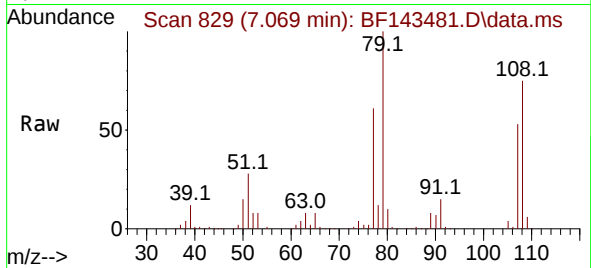




#15
Benzyl Alcohol
Concen: 40.916 ng
RT: 7.069 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

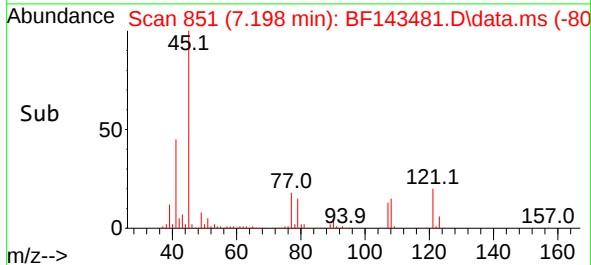
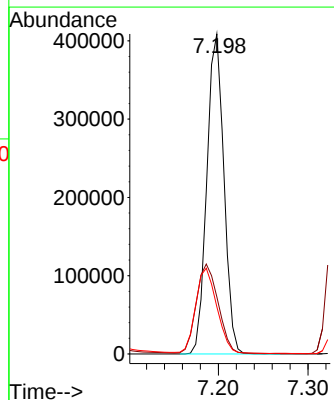
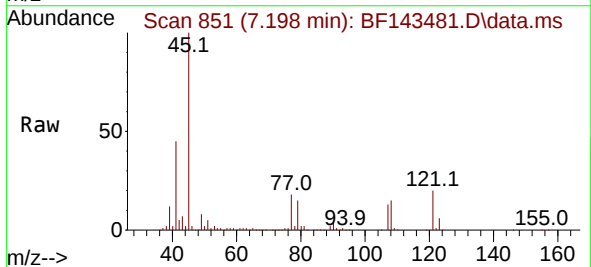
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

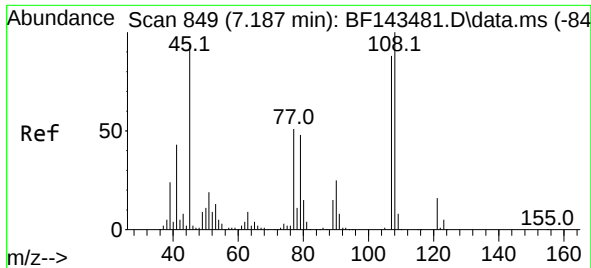
Tgt Ion: 79 Resp: 298360
Ion Ratio Lower Upper
79 100
108 74.7 59.8 89.6
77 61.2 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.131 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 45 Resp: 538319
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.9
79 14.7 0.0 34.7

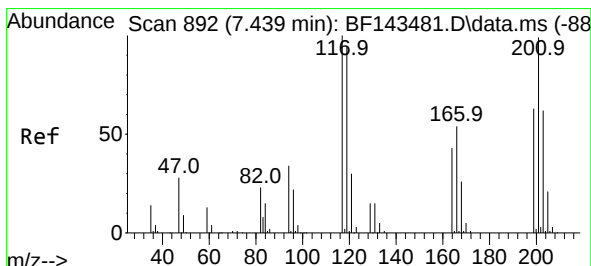
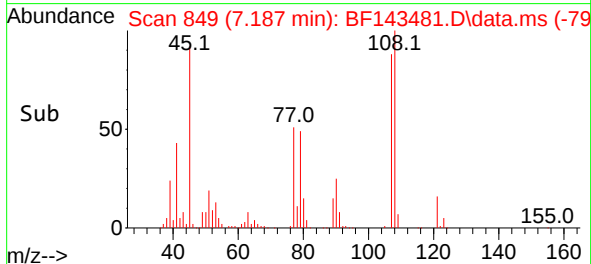
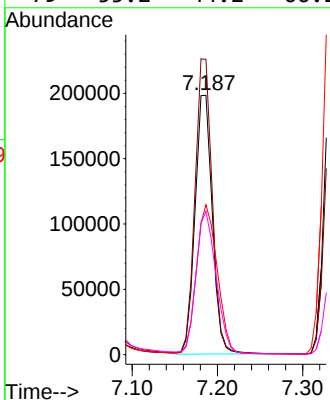
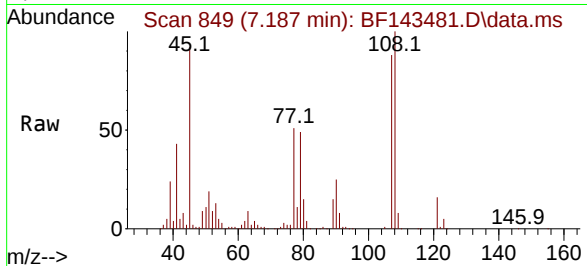




#17
2-Methylphenol
Concen: 39.844 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

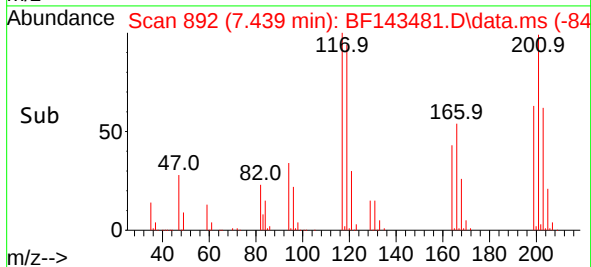
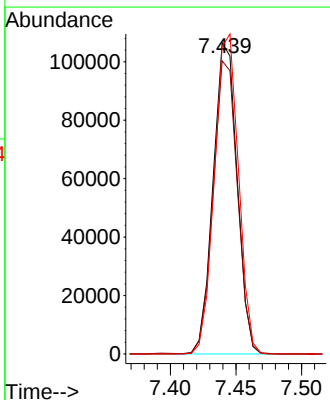
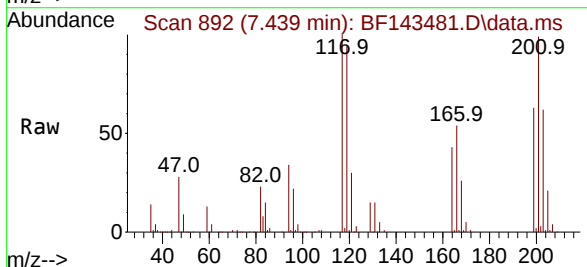
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

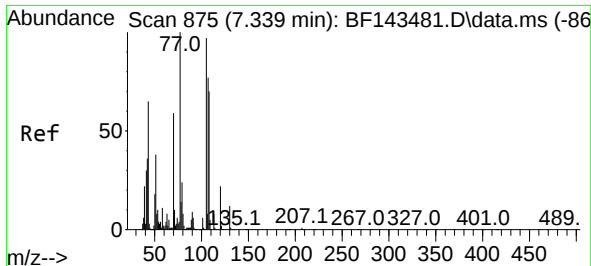
Tgt Ion:	107	Resp:	278676
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	57.8	46.2	69.4
79	55.2	44.2	66.2



#18
Hexachloroethane
Concen: 40.503 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:	117	Resp:	135258
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.0
201	98.7	79.0	118.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.076 ng

RT: 7.339 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 232621

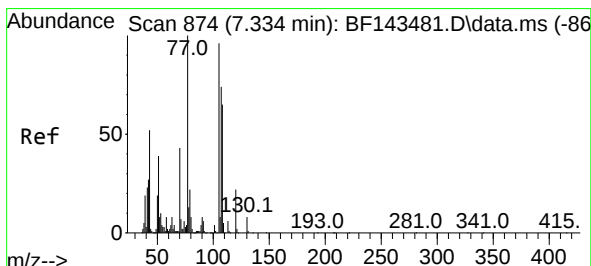
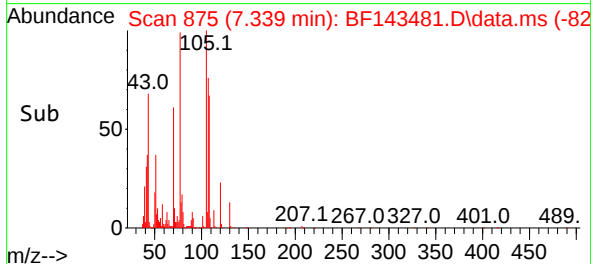
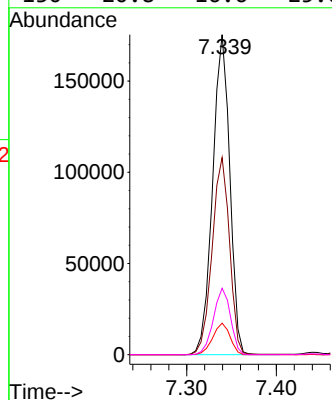
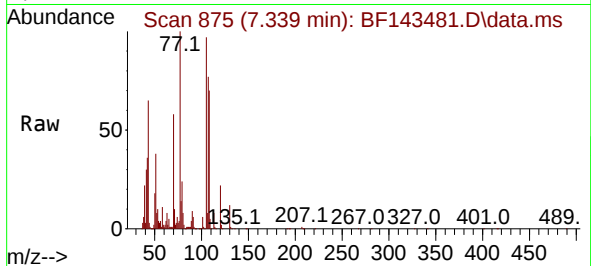
Ion Ratio Lower Upper

70 100

42 61.6 49.3 73.9

101 9.8 7.8 11.8

130 20.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 40.179 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Tgt Ion: 107 Resp: 335474

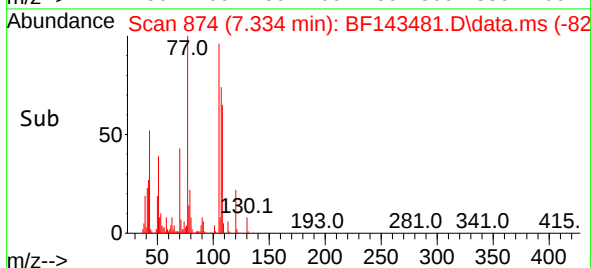
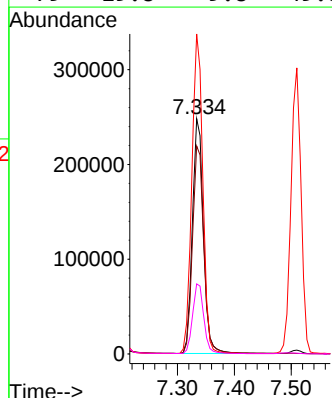
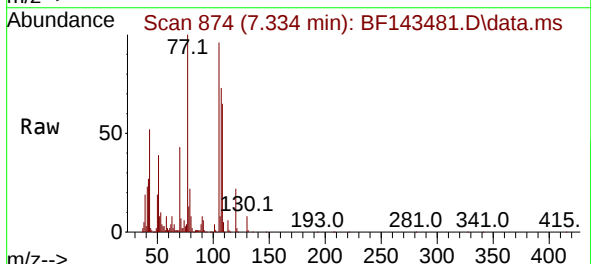
Ion Ratio Lower Upper

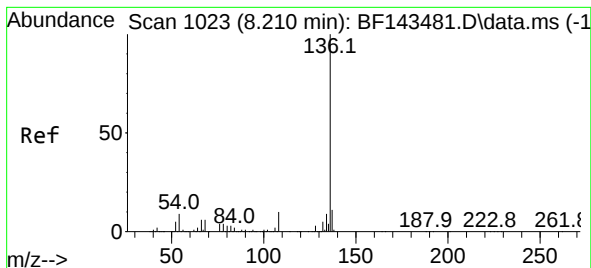
107 100

108 88.4 68.4 108.4

77 136.1 116.1 156.1

79 29.8 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 521928

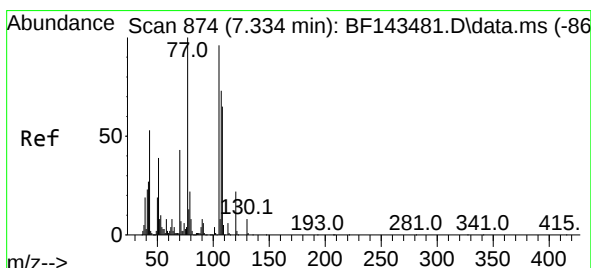
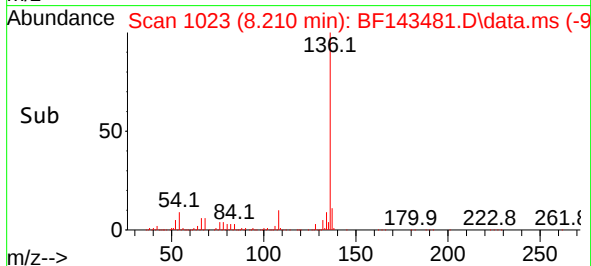
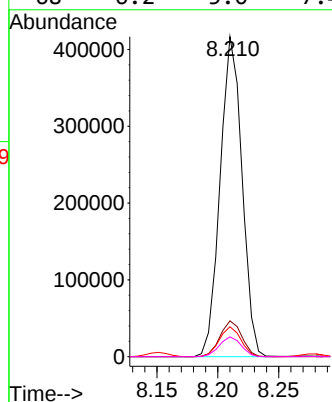
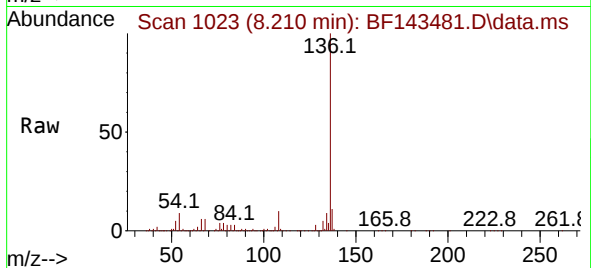
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.3 7.4 11.2

68 6.2 5.0 7.4



#22

Acetophenone

Concen: 38.728 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Tgt Ion:105 Resp: 436693

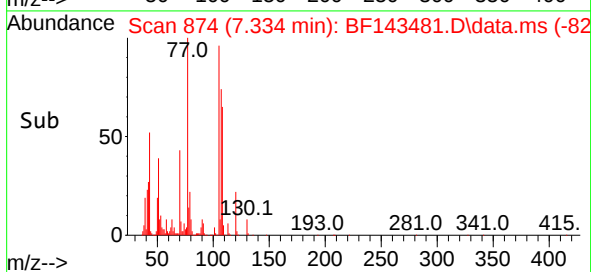
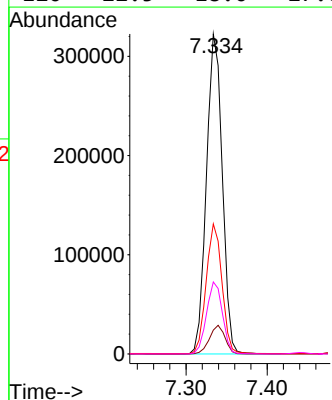
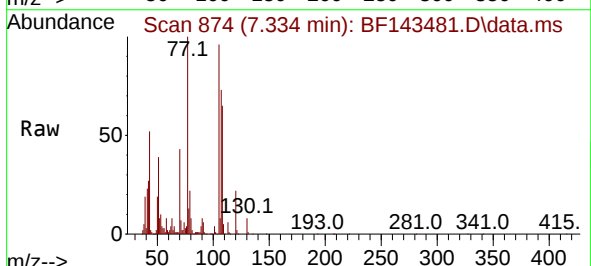
Ion Ratio Lower Upper

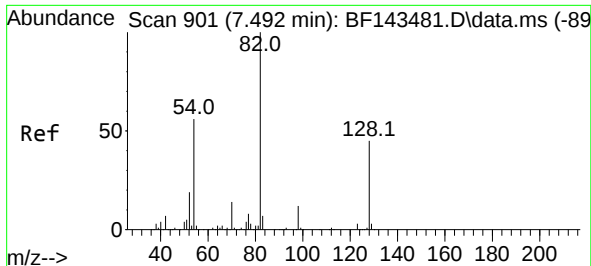
105 100

71 7.4 5.9 8.9

51 40.6 32.5 48.7

120 22.5 18.0 27.0





#23

Nitrobenzene-d5

Concen: 80.266 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

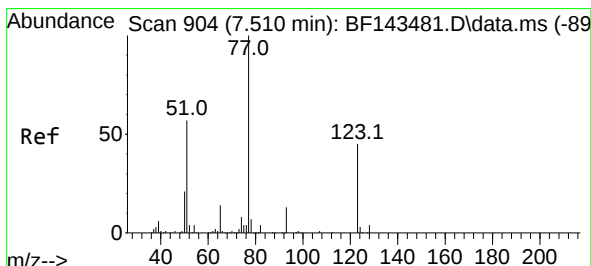
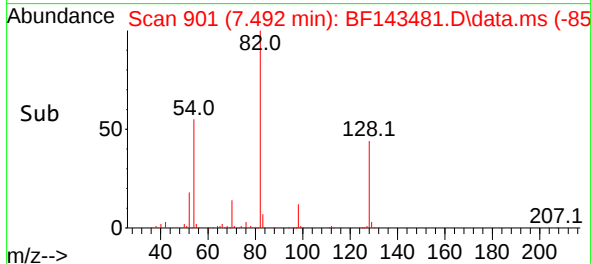
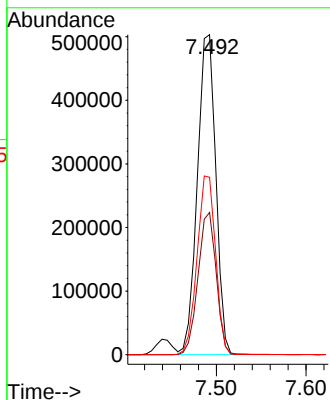
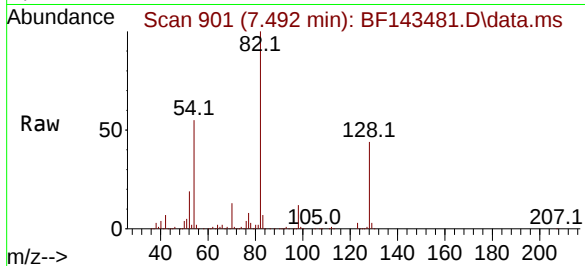
Tgt Ion: 82 Resp: 717900

Ion Ratio Lower Upper

82 100

128 44.4 35.5 53.3

54 55.4 44.3 66.5



#24

Nitrobenzene

Concen: 40.403 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

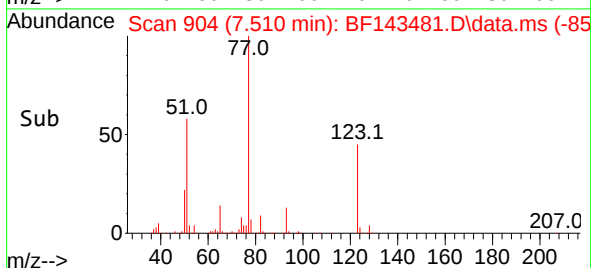
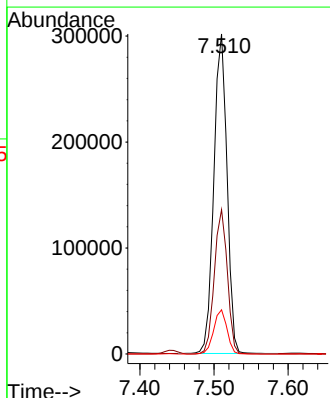
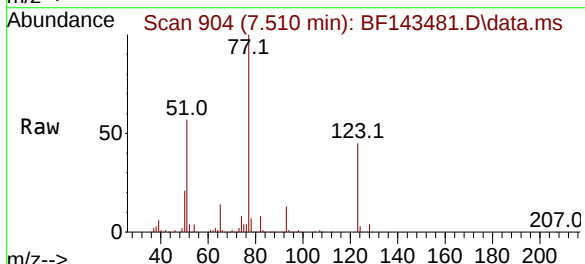
Tgt Ion: 77 Resp: 371931

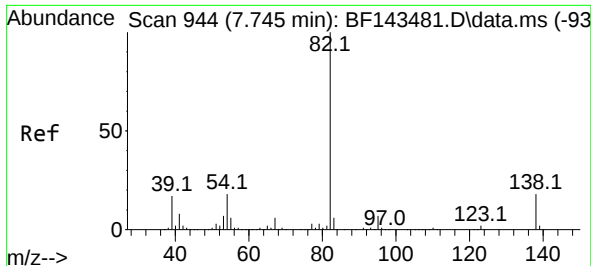
Ion Ratio Lower Upper

77 100

123 45.1 36.1 54.1

65 13.8 11.0 16.6

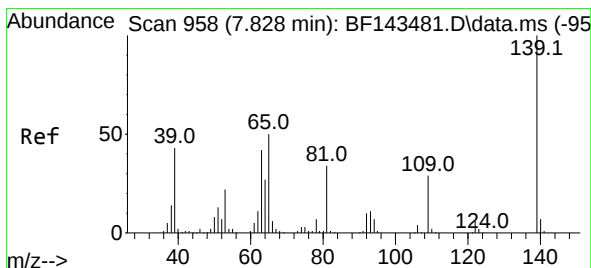
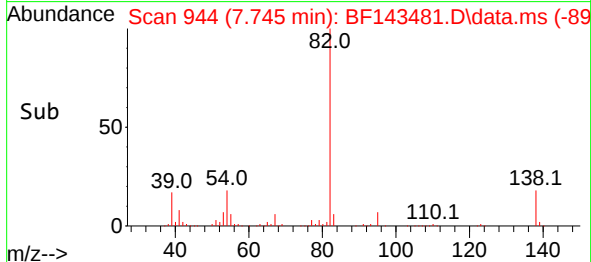
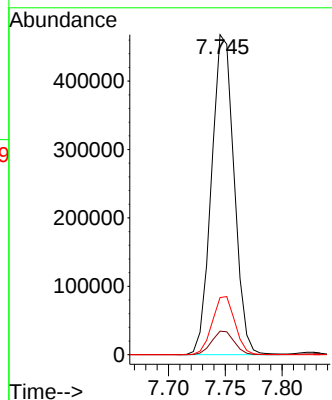
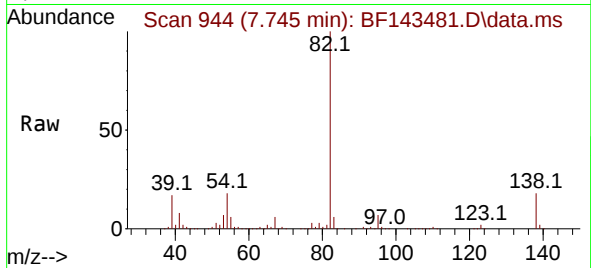




#25
Isophorone
Concen: 39.546 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

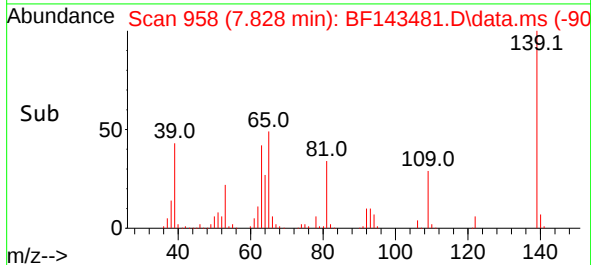
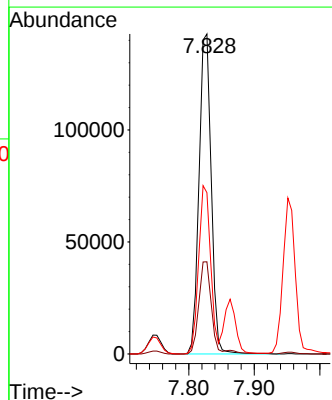
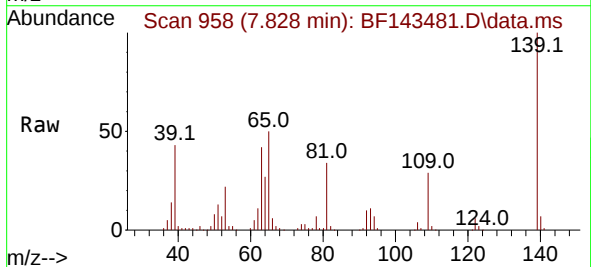
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

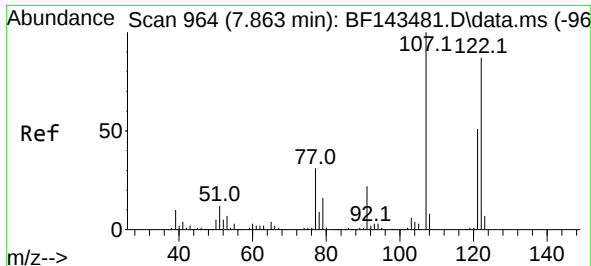
Tgt Ion: 82 Resp: 648362
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.8 14.2 21.4



#26
2-Nitrophenol
Concen: 41.084 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:139 Resp: 185255
Ion Ratio Lower Upper
139 100
109 28.8 23.0 34.6
65 50.4 40.3 60.5

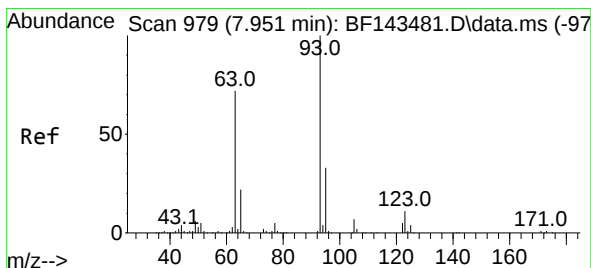
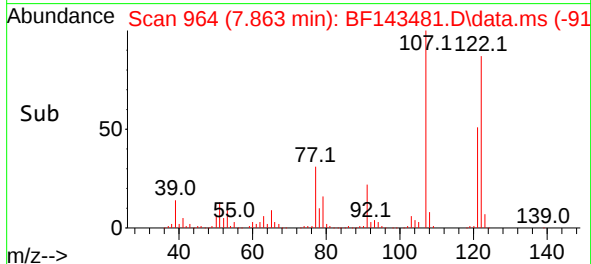
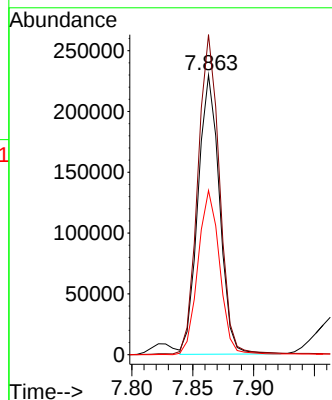
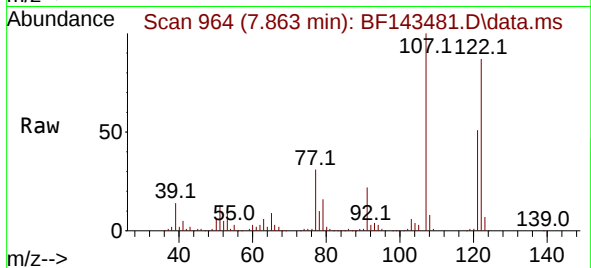




#27
2,4-Dimethylphenol
Concen: 40.116 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

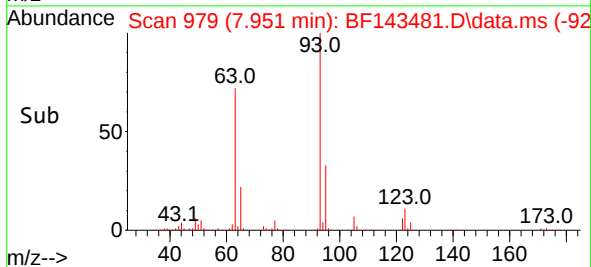
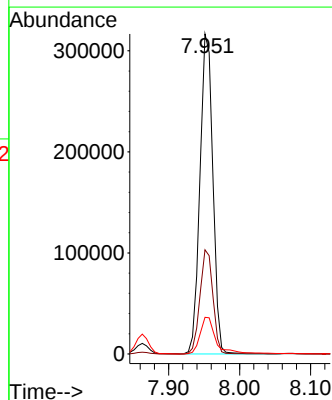
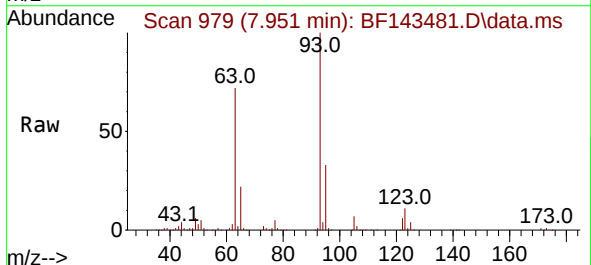
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

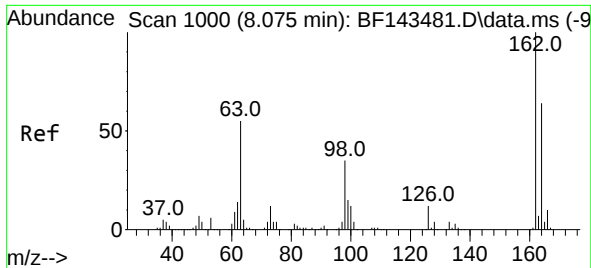
Tgt Ion:122 Resp: 281983
Ion Ratio Lower Upper
122 100
107 114.4 91.5 137.3
121 58.7 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.973 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion: 93 Resp: 402757
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.095 ng

RT: 8.075 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

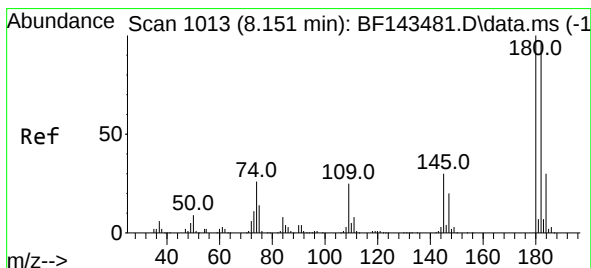
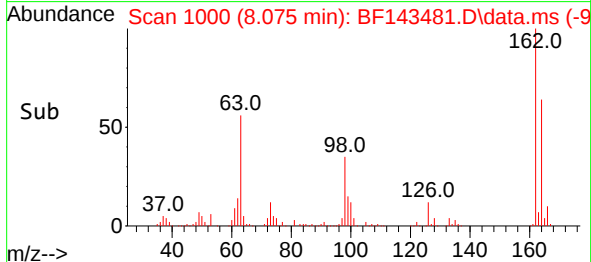
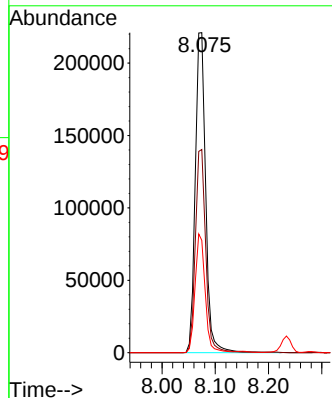
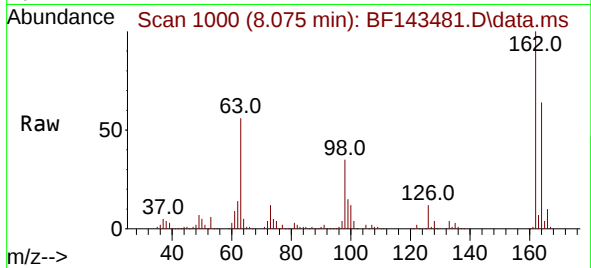
Tgt Ion:162 Resp: 301002

Ion Ratio Lower Upper

162 100

164 63.5 43.5 83.5

98 35.1 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 39.529 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

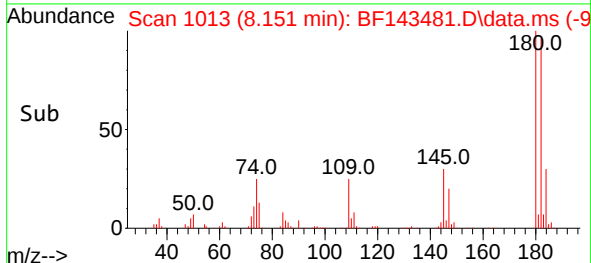
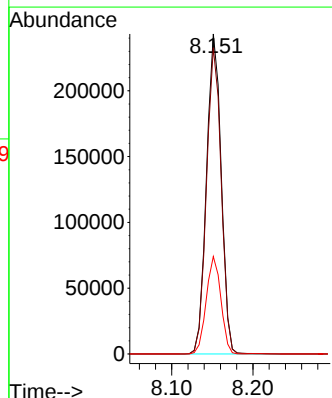
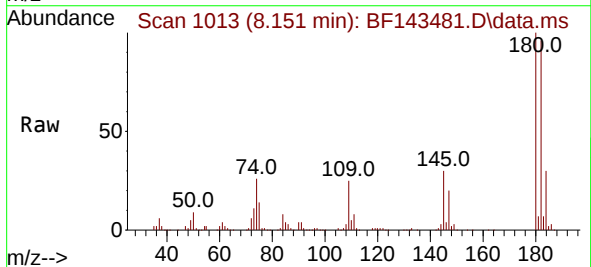
Tgt Ion:180 Resp: 305107

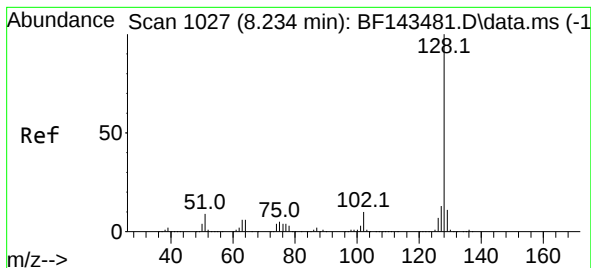
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 30.4 24.3 36.5





#31

Naphthalene

Concen: 39.296 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

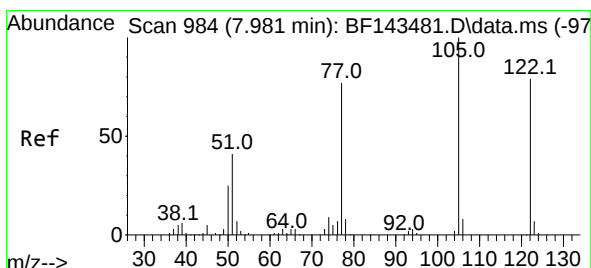
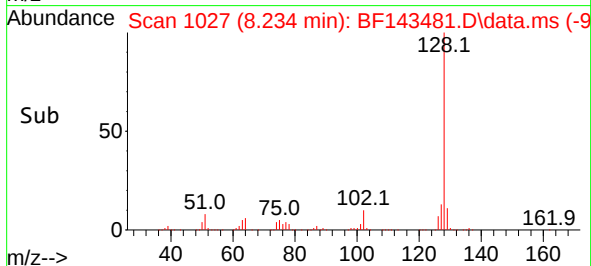
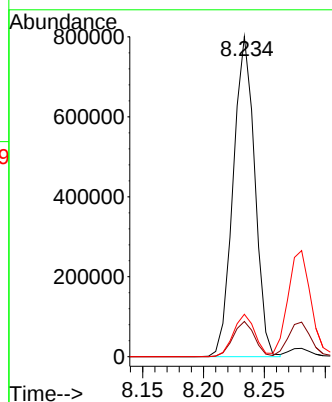
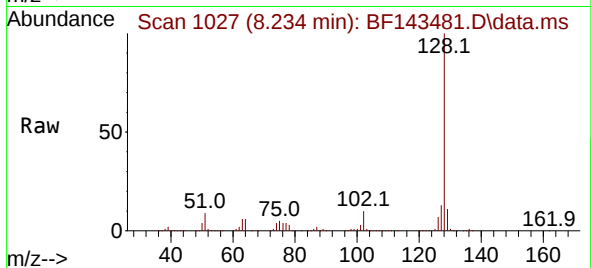
Tgt Ion:128 Resp: 984671

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 39.150 ng

RT: 7.981 min Scan# 984

Delta R.T. -0.029 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

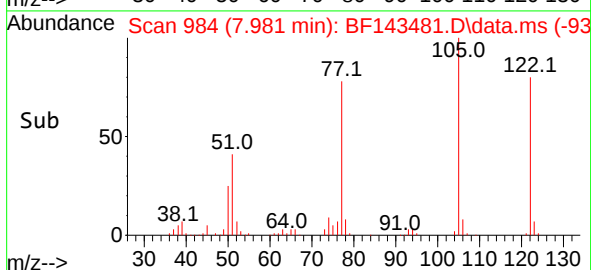
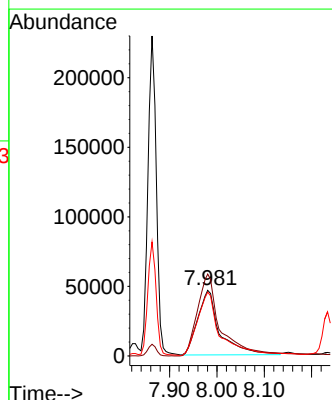
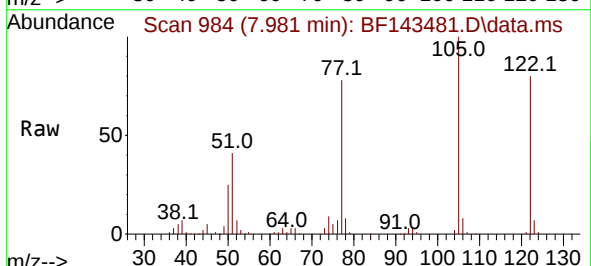
Tgt Ion:122 Resp: 151495

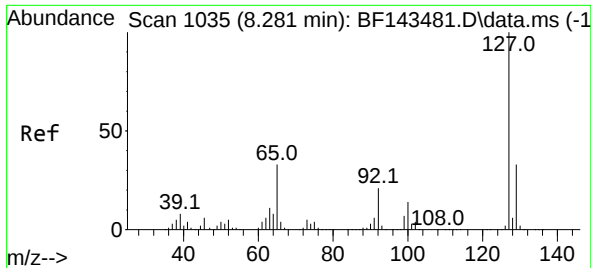
Ion Ratio Lower Upper

122 100

105 124.7 104.7 144.7

77 97.3 77.3 117.3

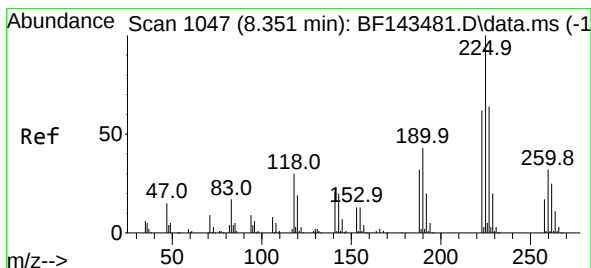
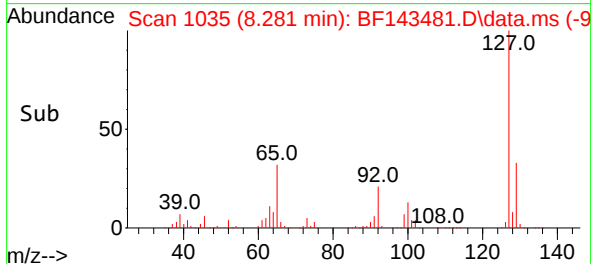
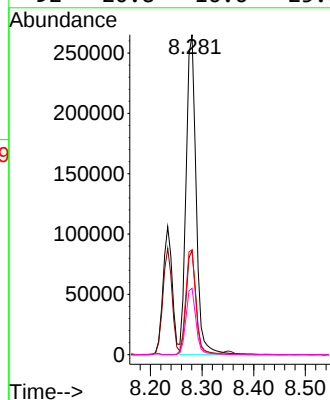
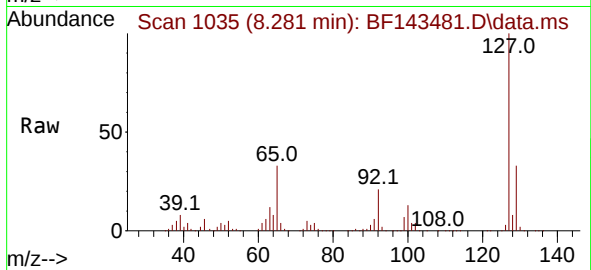




#33
4-Chloroaniline
Concen: 40.237 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

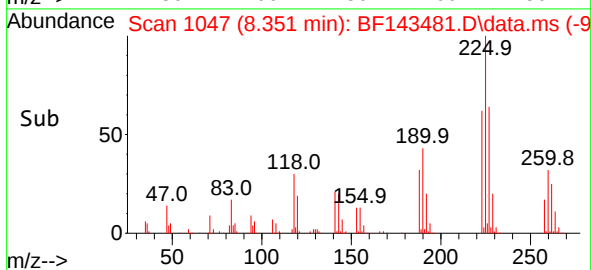
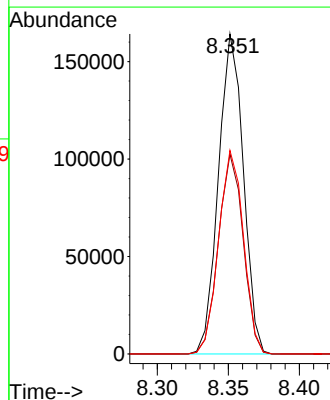
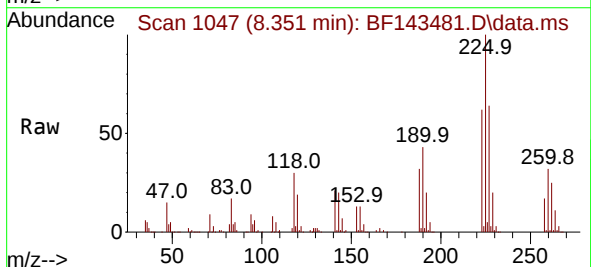
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

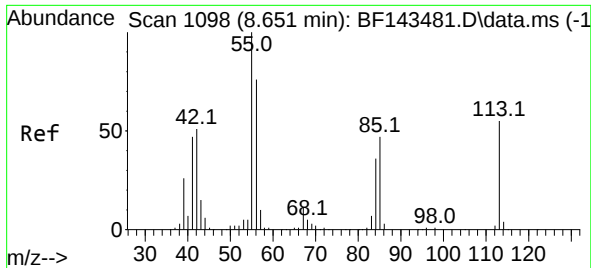
Tgt Ion:	127	Resp:	357854
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	32.7	26.2	39.2
92	20.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.756 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:	225	Resp:	200199
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	63.6	50.9	76.3

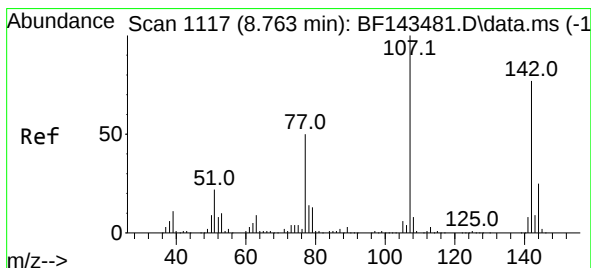
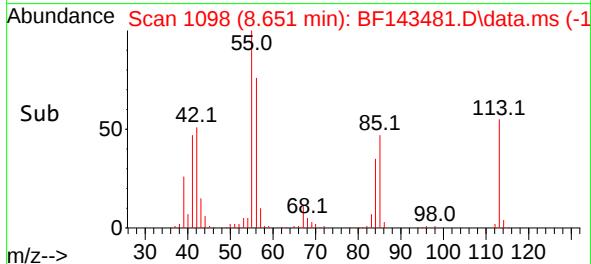
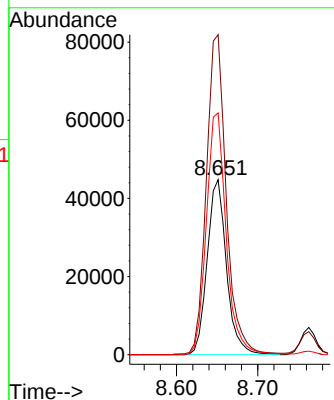
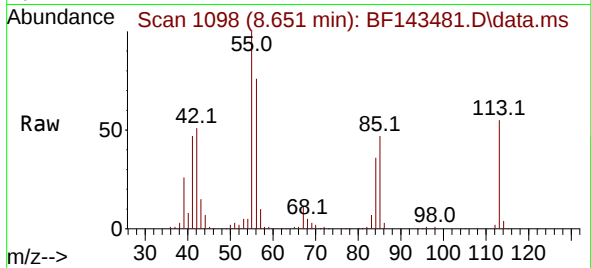




#35
 Caprolactam
 Concen: 41.004 ng
 RT: 8.651 min Scan# 1098
 Delta R.T. -0.024 min
 Lab File: BF143481.D
 Acq: 20 Aug 2025 12:53

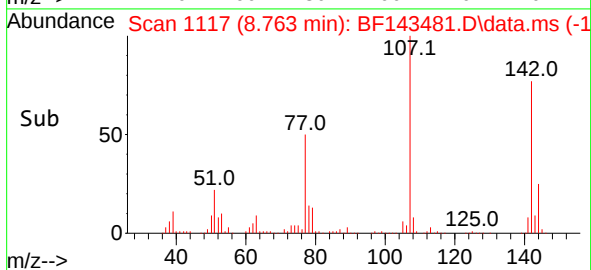
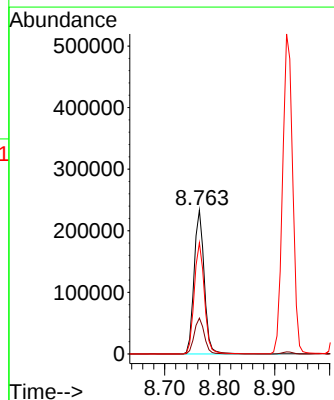
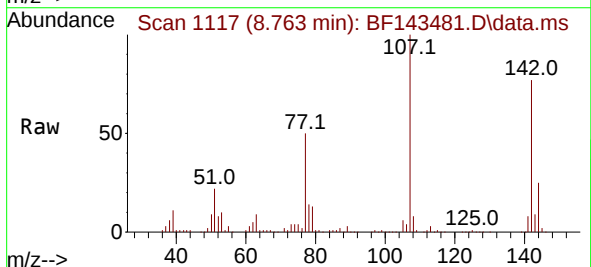
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

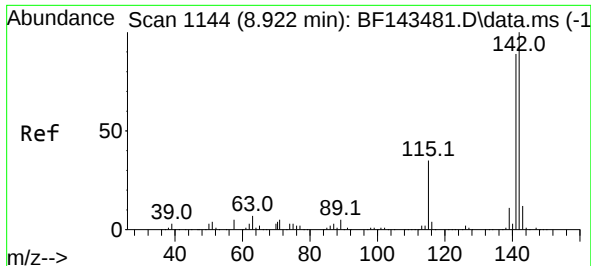
Tgt Ion:113 Resp: 73867
 Ion Ratio Lower Upper
 113 100
 55 182.8 162.8 202.8
 56 138.1 118.1 158.1



#36
 4-Chloro-3-methylphenol
 Concen: 39.889 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. -0.006 min
 Lab File: BF143481.D
 Acq: 20 Aug 2025 12:53

Tgt Ion:107 Resp: 300101
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.9 29.9
 142 77.3 61.8 92.8





#37

2-Methylnaphthalene

Concen: 39.489 ng

RT: 8.922 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

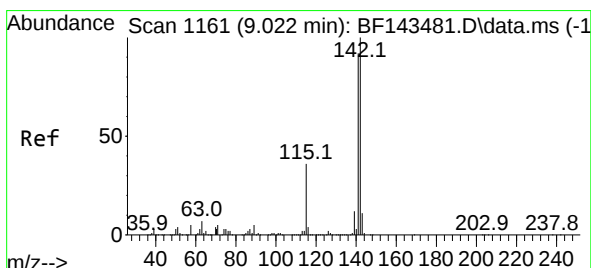
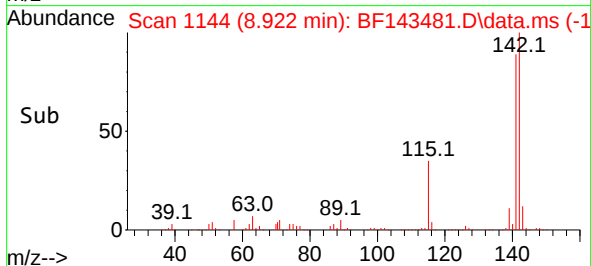
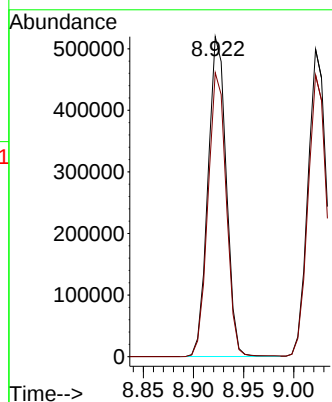
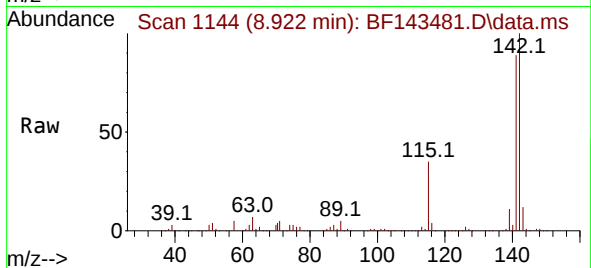
SSTDICCC040

Tgt Ion:142 Resp: 660885

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.300 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF143481.D

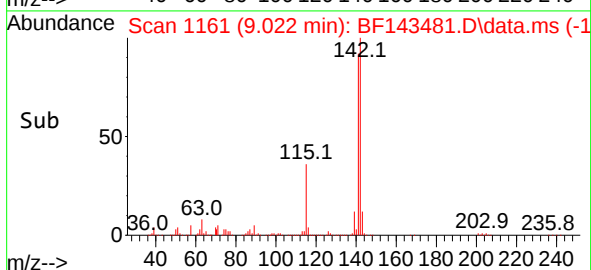
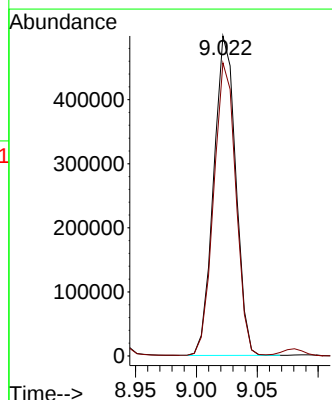
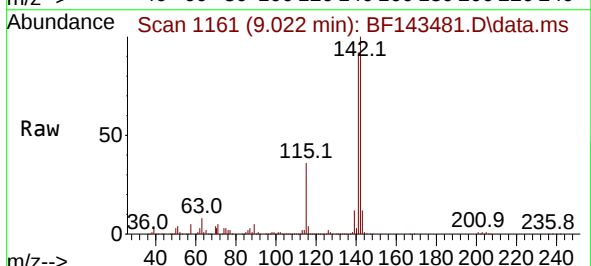
Acq: 20 Aug 2025 12:53

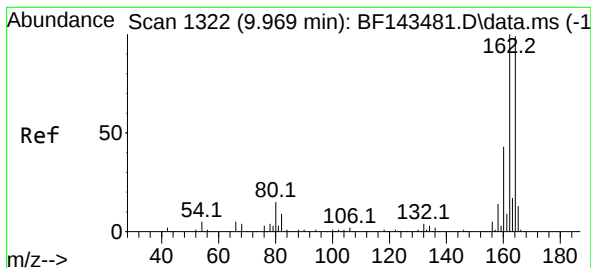
Tgt Ion:142 Resp: 629141

Ion Ratio Lower Upper

142 100

141 91.6 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: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

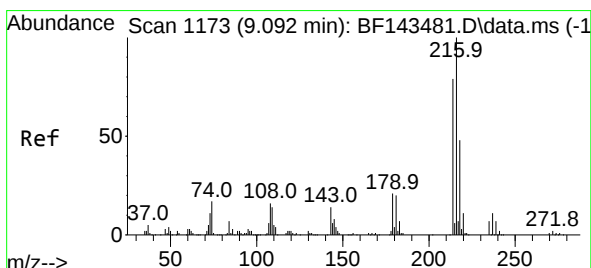
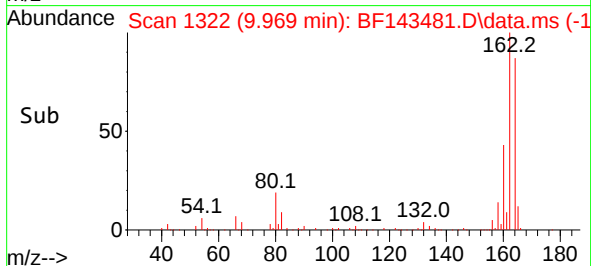
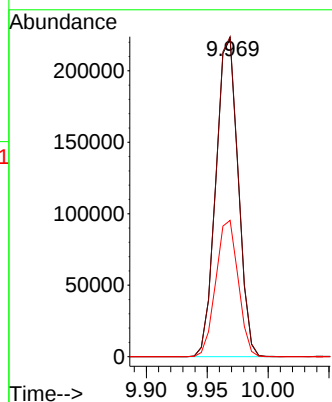
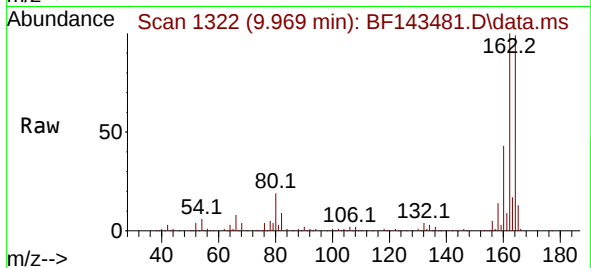
Tgt Ion:164 Resp: 282852

Ion Ratio Lower Upper

164 100

162 100.6 80.5 120.7

160 42.9 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.526 ng

RT: 9.092 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Tgt Ion:216 Resp: 319789

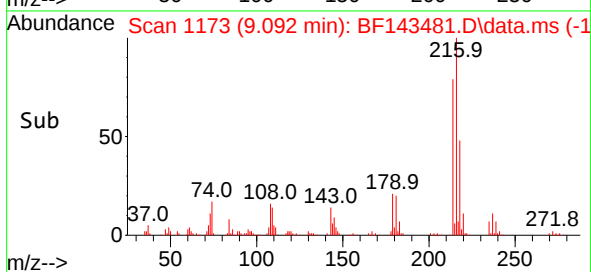
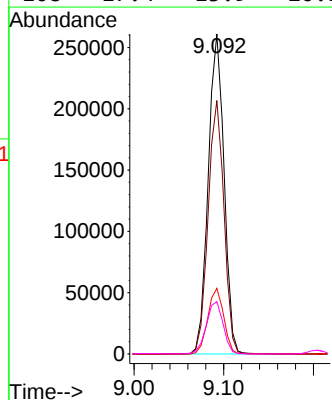
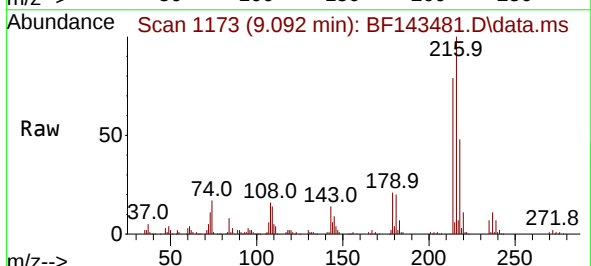
Ion Ratio Lower Upper

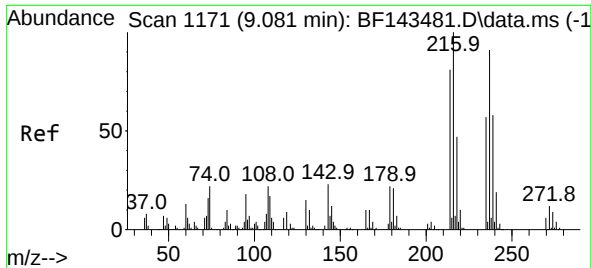
216 100

214 79.2 63.4 95.0

179 20.6 16.5 24.7

108 17.4 13.9 20.9

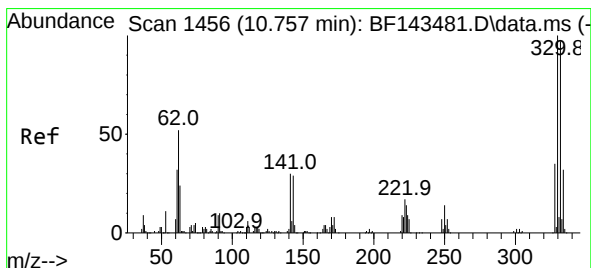
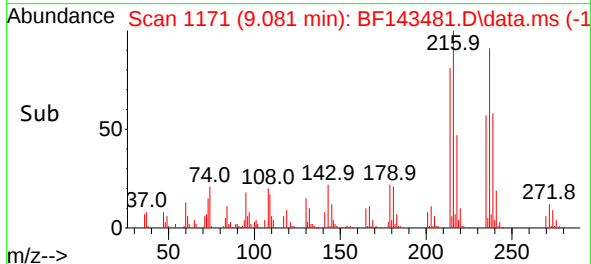
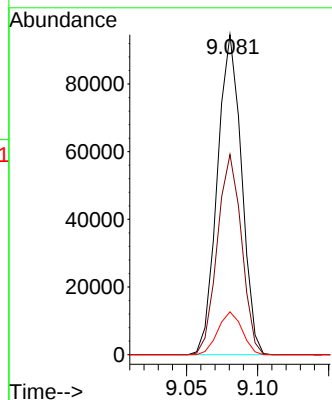
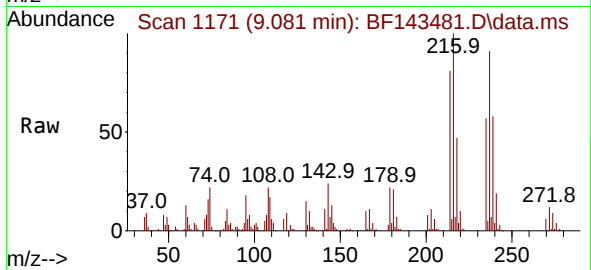




#41
Hexachlorocyclopentadiene
Concen: 39.218 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

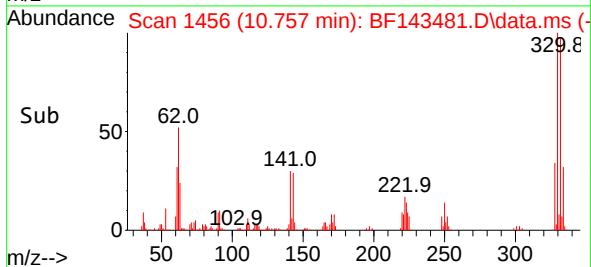
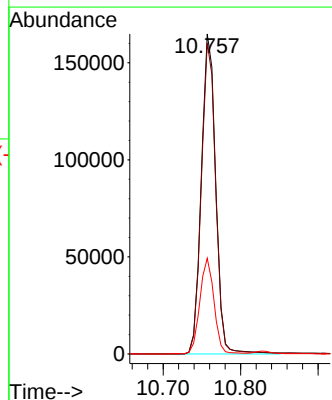
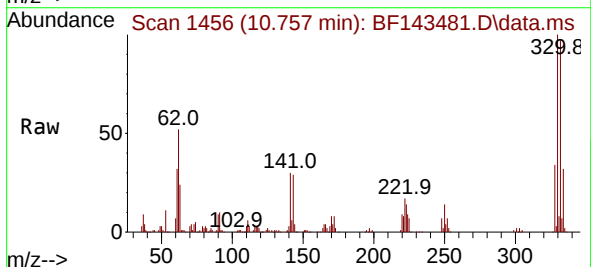
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

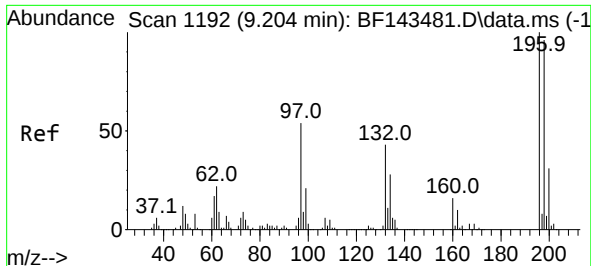
Tgt Ion:237 Resp: 112053
Ion Ratio Lower Upper
237 100
235 62.6 42.6 82.6
272 13.4 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 80.744 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:330 Resp: 212595
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 29.6 23.7 35.5

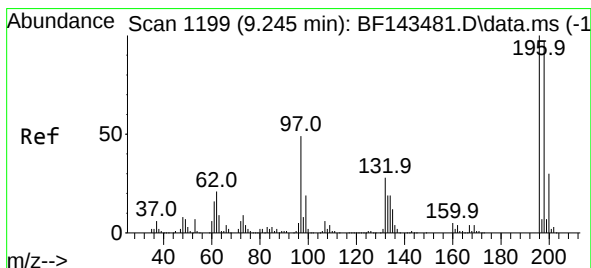
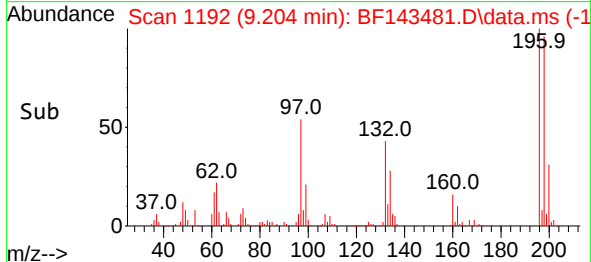
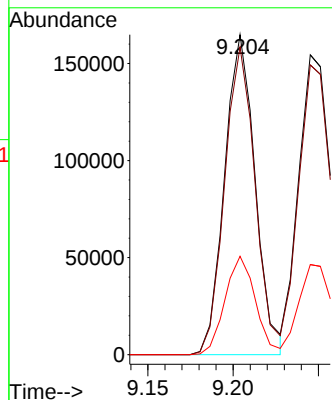
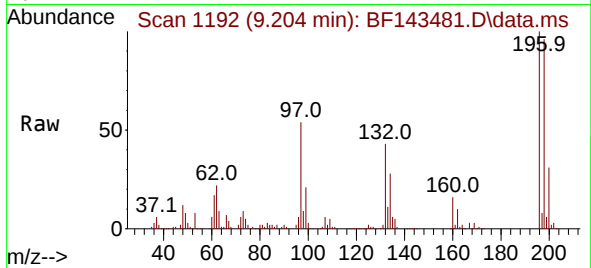




#43
2,4,6-Trichlorophenol
Concen: 41.387 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

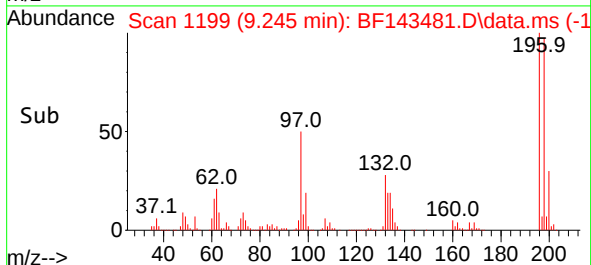
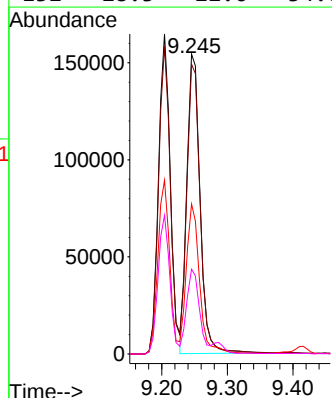
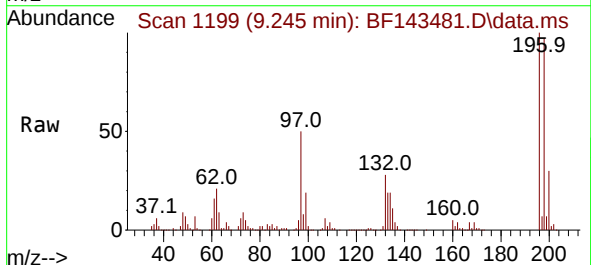
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

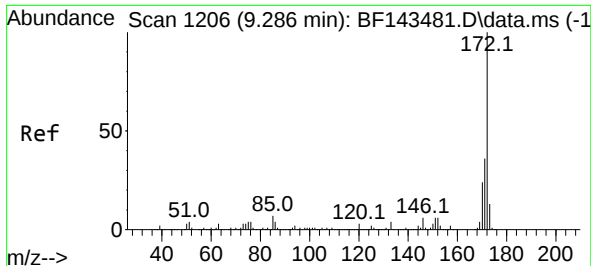
Tgt Ion:196 Resp: 206042
Ion Ratio Lower Upper
196 100
198 96.2 77.0 115.4
200 30.8 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 39.748 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:196 Resp: 216152
Ion Ratio Lower Upper
196 100
198 96.6 77.3 115.9
97 50.0 40.0 60.0
132 28.3 22.6 34.0

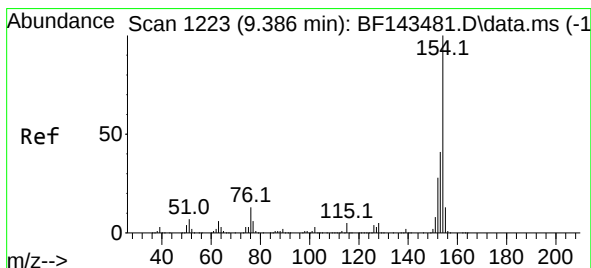
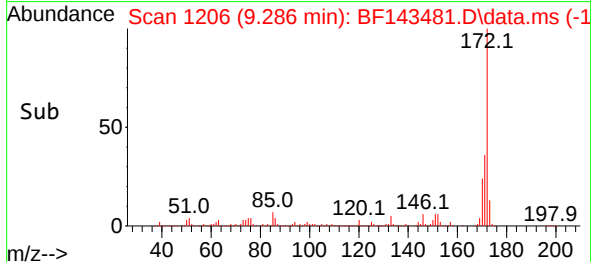
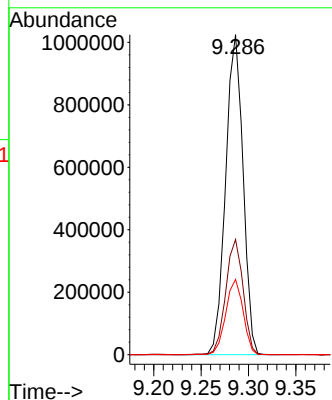
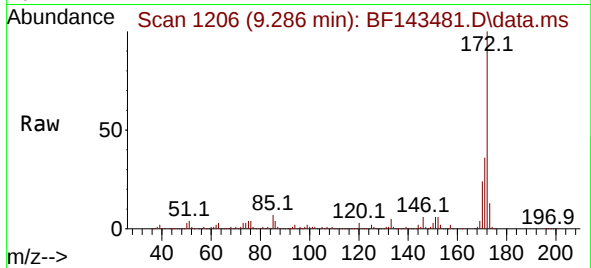




#45
2-Fluorobiphenyl
Concen: 76.419 ng
RT: 9.286 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

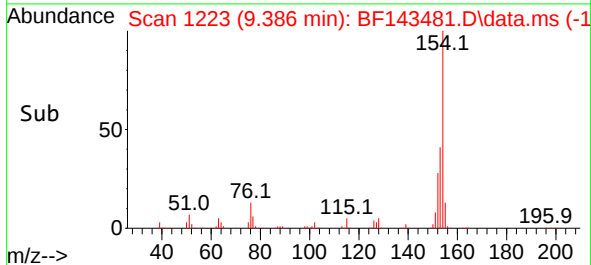
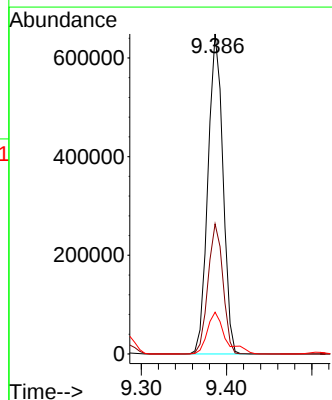
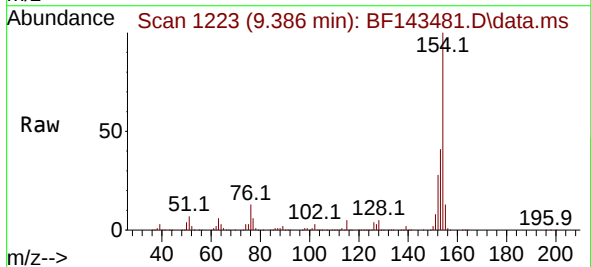
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

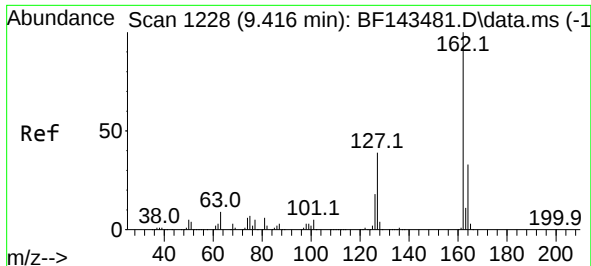
Tgt Ion:172 Resp: 1307900
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 39.412 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:154 Resp: 791238
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 13.0 0.0 33.0





#47

2-Chloronaphthalene

Concen: 39.699 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

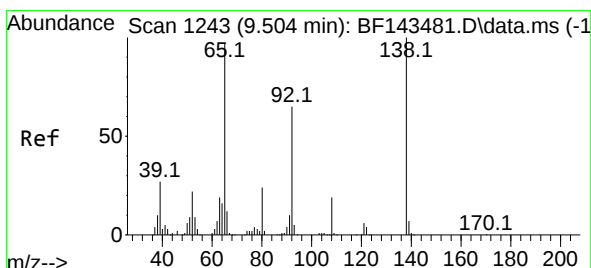
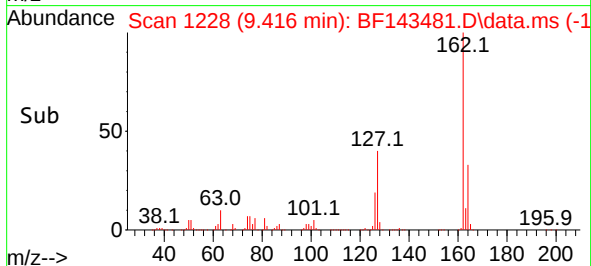
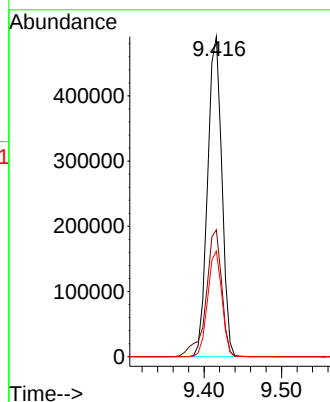
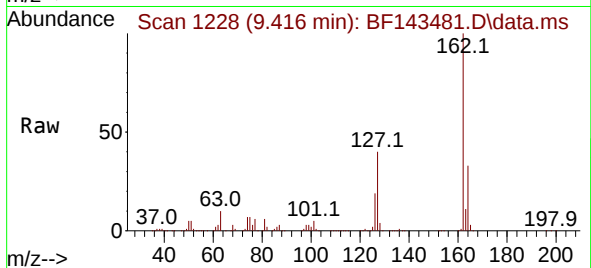
Tgt Ion:162 Resp: 625355

Ion Ratio Lower Upper

162 100

127 39.7 31.8 47.6

164 33.0 26.4 39.6



#48

2-Nitroaniline

Concen: 41.336 ng

RT: 9.504 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

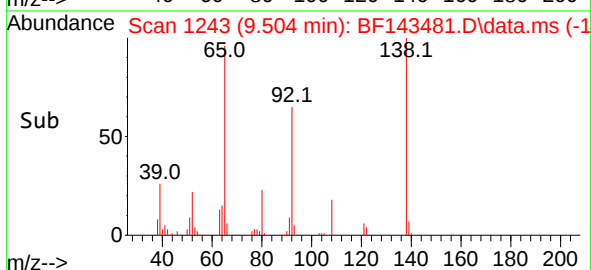
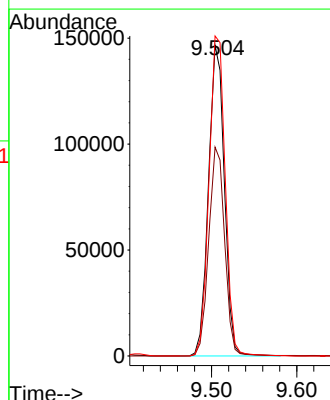
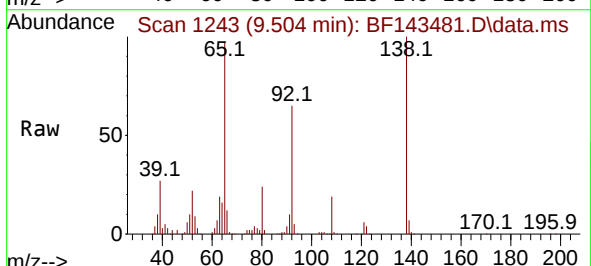
Tgt Ion: 65 Resp: 190564

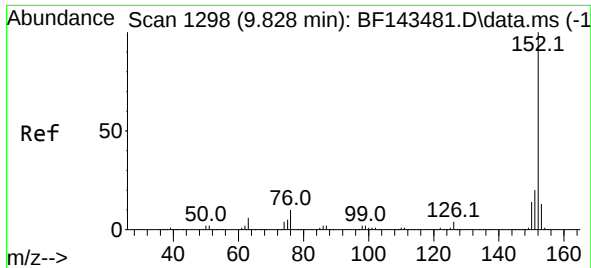
Ion Ratio Lower Upper

65 100

92 67.2 53.8 80.6

138 103.0 82.4 123.6

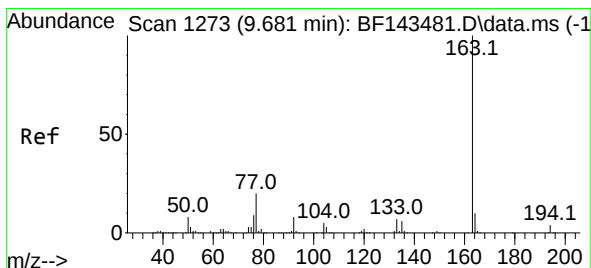
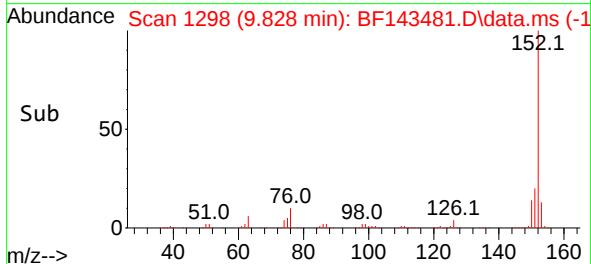
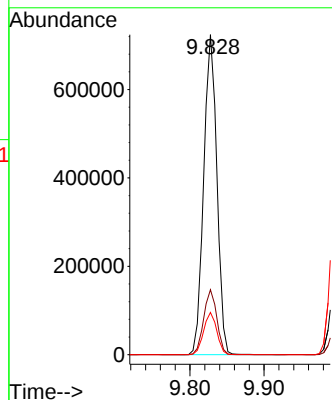
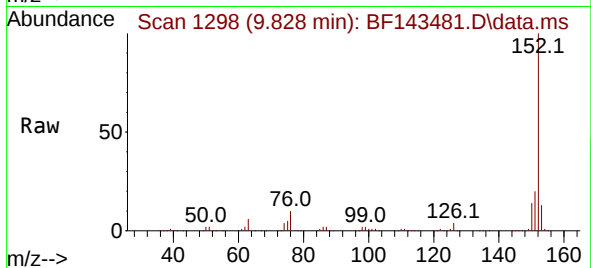




#49
Acenaphthylene
Concen: 39.620 ng
RT: 9.828 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

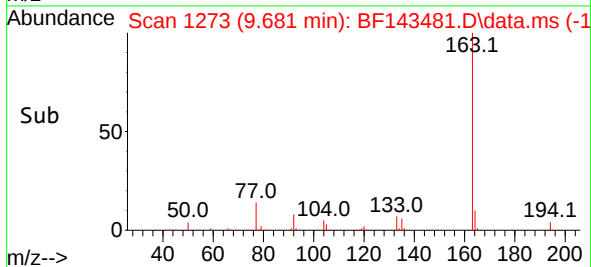
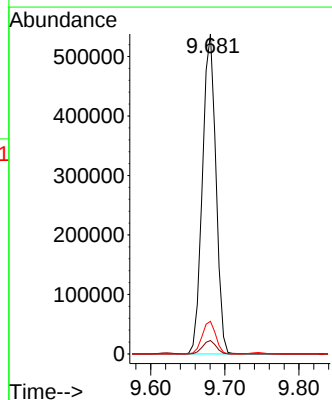
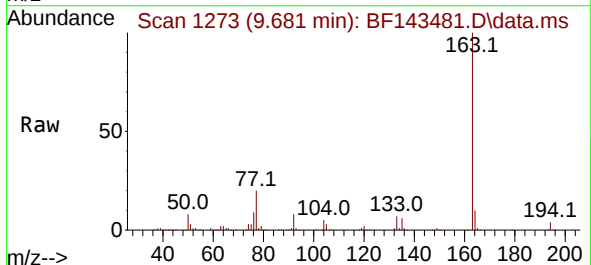
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

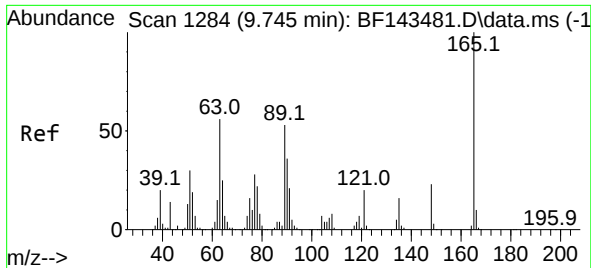
Tgt Ion:152 Resp: 893624
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 39.881 ng
RT: 9.681 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:163 Resp: 679389
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.2 12.2

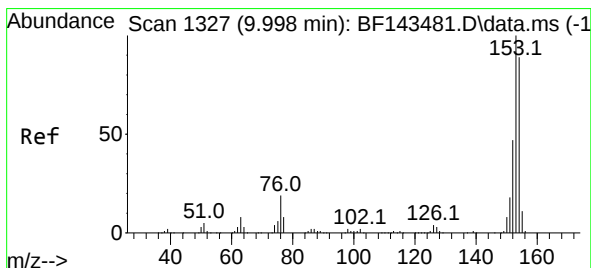
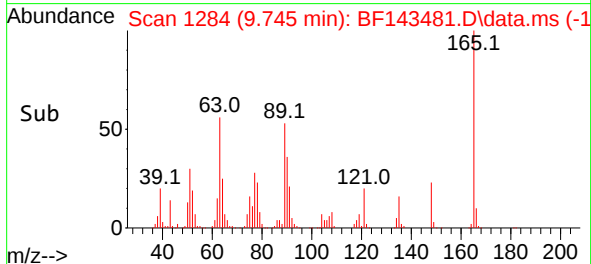
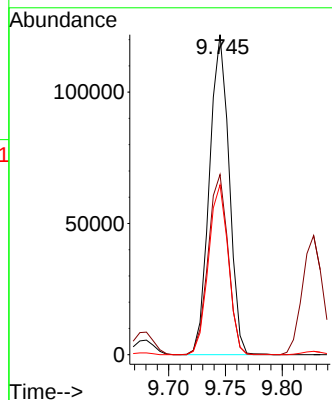
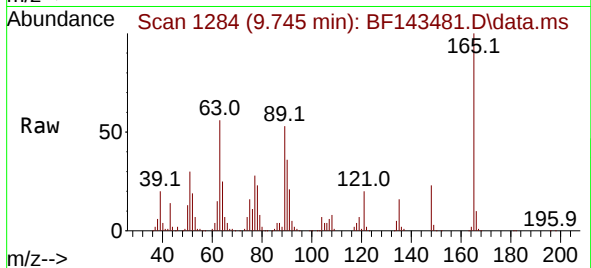




#51
2,6-Dinitrotoluene
Concen: 41.551 ng
RT: 9.745 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

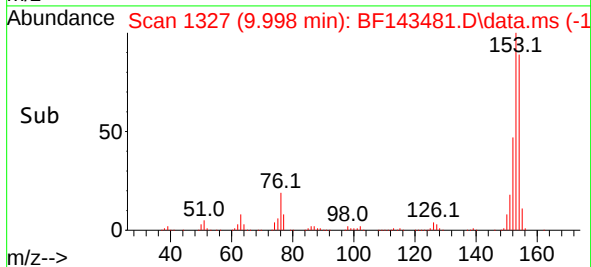
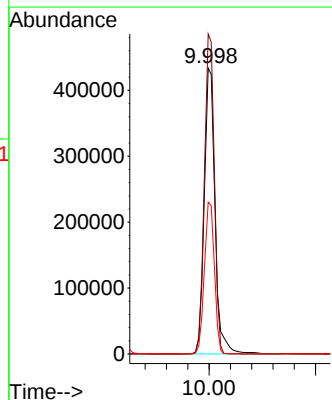
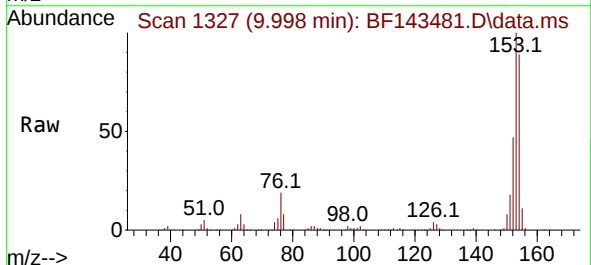
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

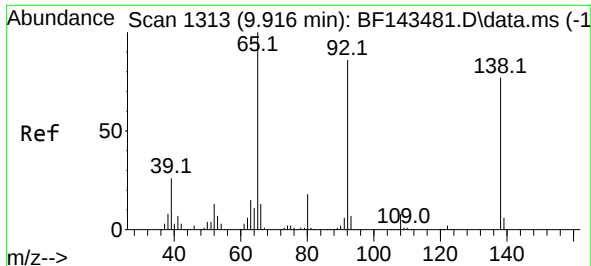
Tgt Ion:165 Resp: 146703
Ion Ratio Lower Upper
165 100
63 56.3 45.0 67.6
89 53.1 42.5 63.7



#52
Acenaphthene
Concen: 39.745 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:154 Resp: 608648
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.1 42.5 63.7

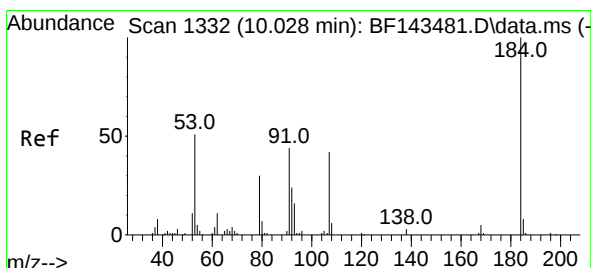
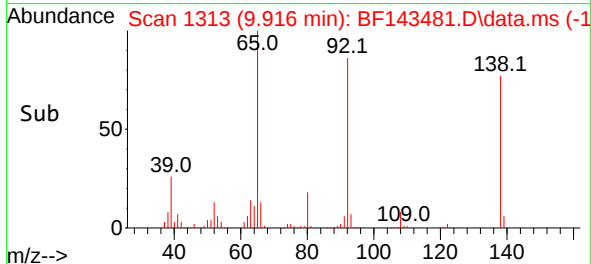
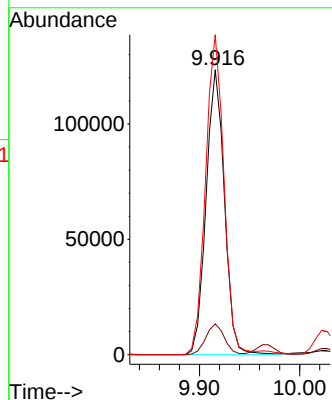
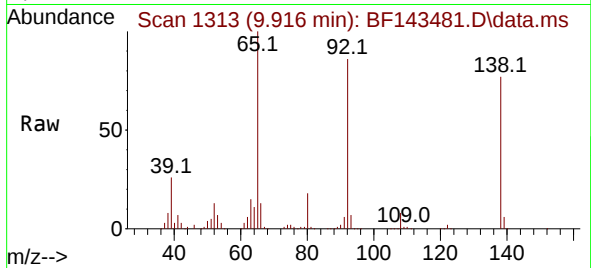




#53
3-Nitroaniline
Concen: 41.163 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

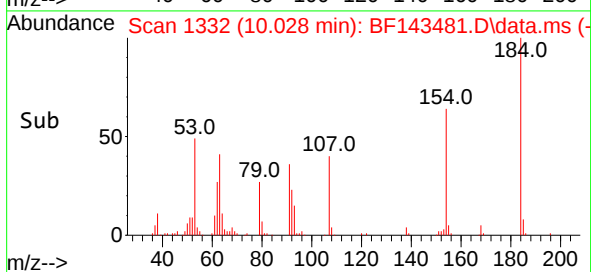
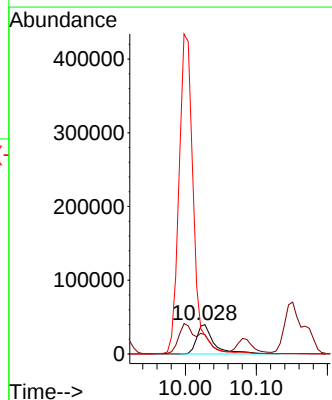
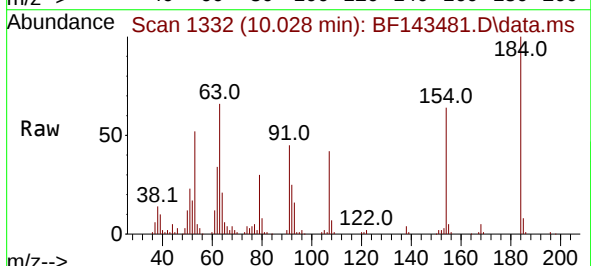
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

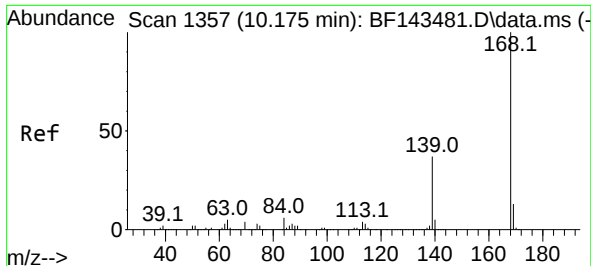
Tgt Ion:138 Resp: 157042
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 112.3 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 38.822 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:184 Resp: 67793
Ion Ratio Lower Upper
184 100
63 65.7 52.6 78.8
154 63.7 51.0 76.4

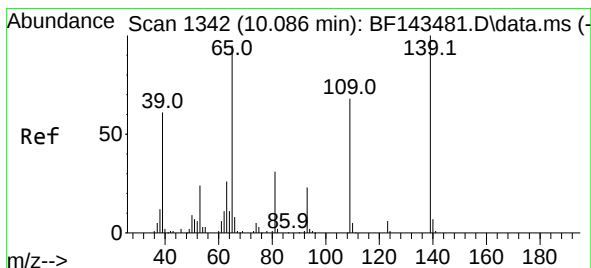
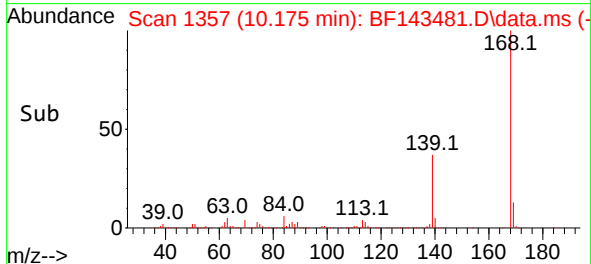
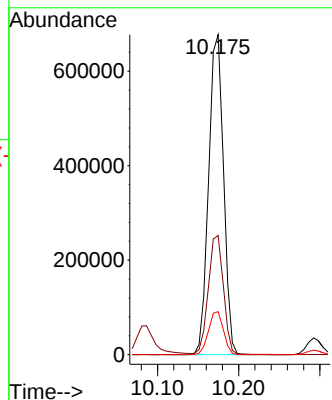
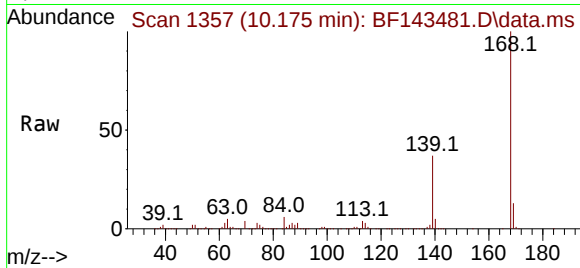




#55
Dibenzenofuran
Concen: 39.465 ng
RT: 10.175 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

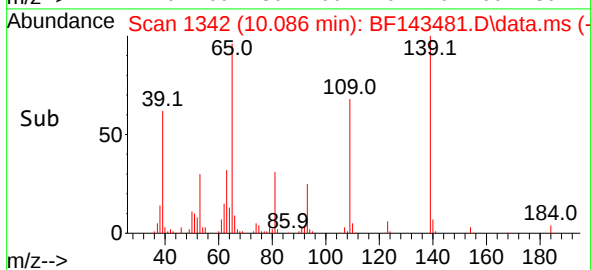
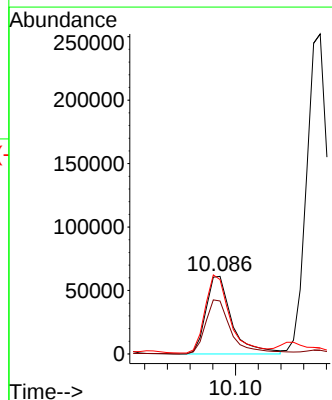
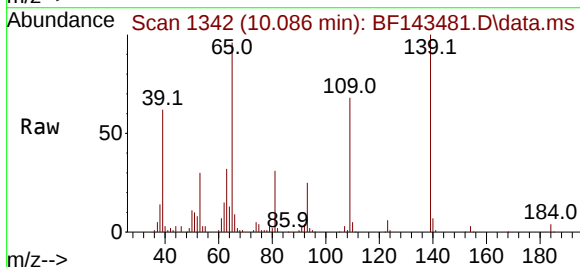
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

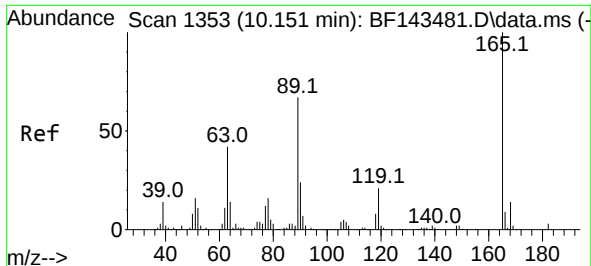
Tgt Ion:168 Resp: 861659
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 42.699 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:139 Resp: 96926
Ion Ratio Lower Upper
139 100
109 68.2 48.2 88.2
65 95.8 75.8 115.8

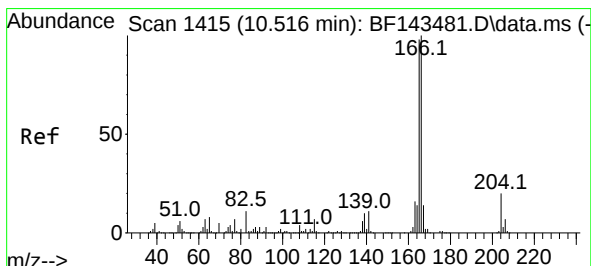
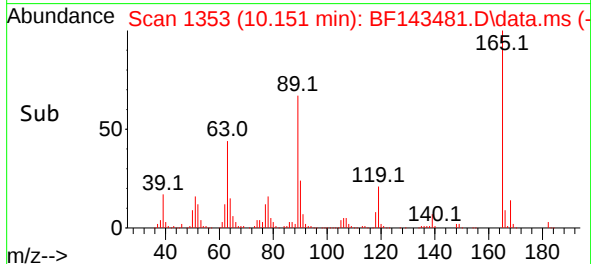
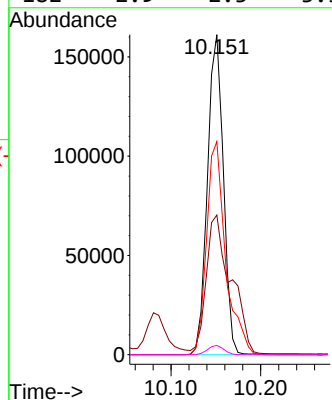
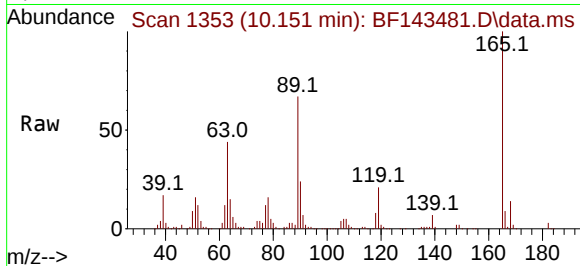




#57
2,4-Dinitrotoluene
Concen: 42.127 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

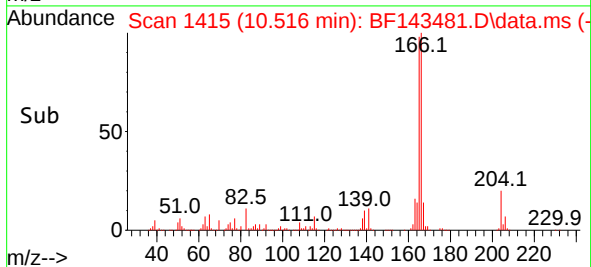
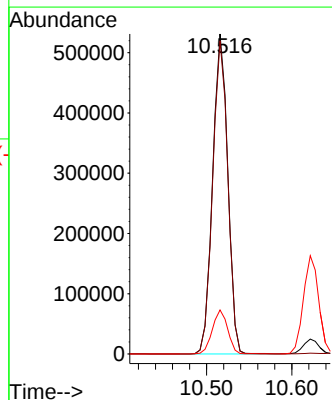
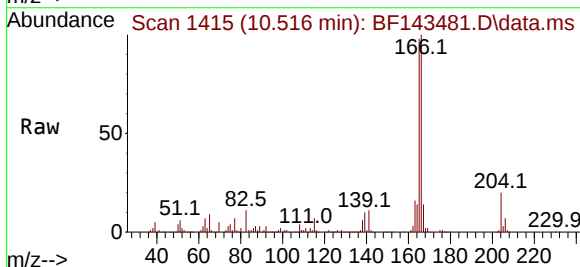
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

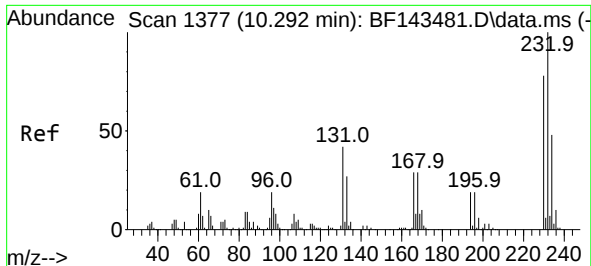
Tgt Ion:165 Resp: 198600
Ion Ratio Lower Upper
165 100
63 43.6 34.9 52.3
89 66.6 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 38.975 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:166 Resp: 654929
Ion Ratio Lower Upper
166 100
165 97.9 78.3 117.5
167 13.7 11.0 16.4

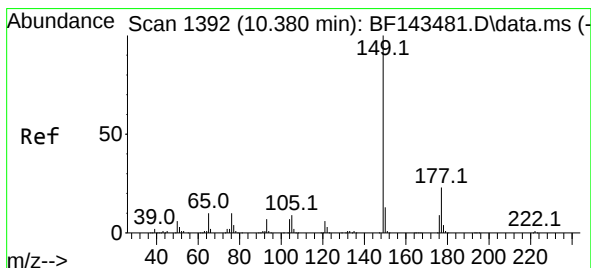
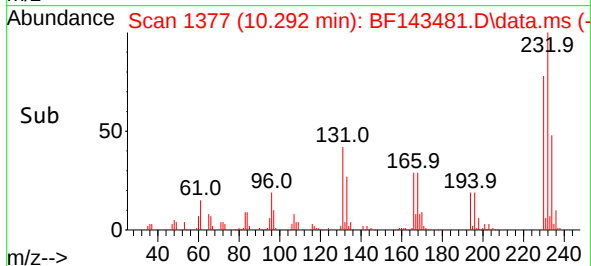
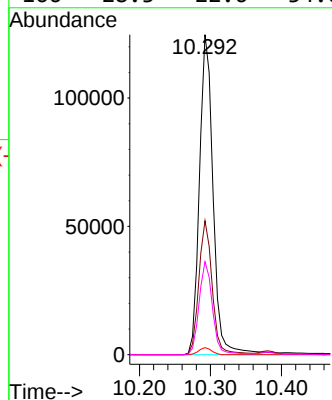
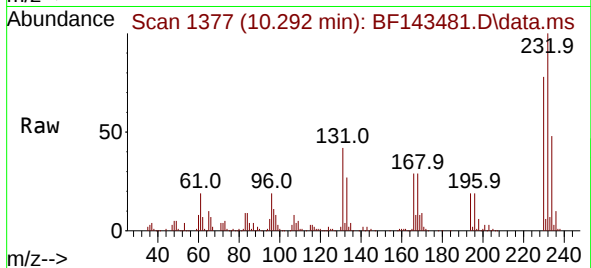




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.542 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

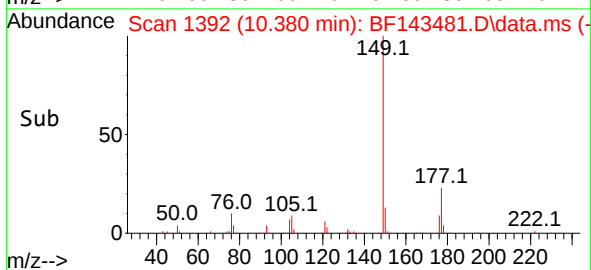
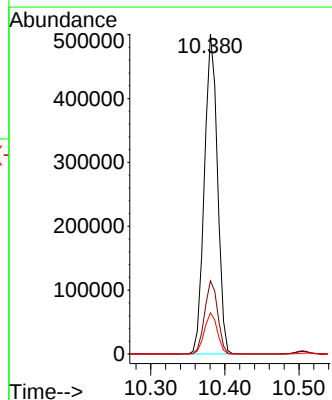
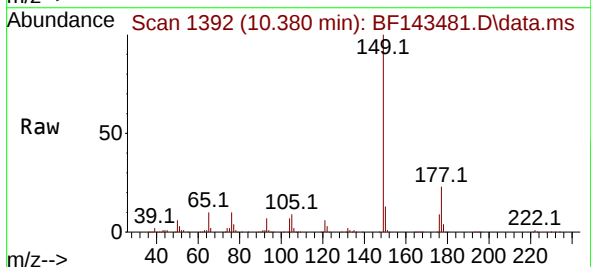
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

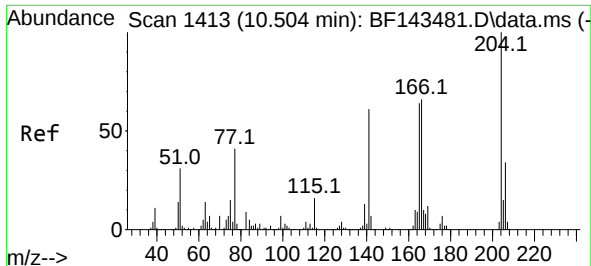
Tgt Ion:232 Resp: 167834
Ion Ratio Lower Upper
232 100
131 40.9 32.7 49.1
130 2.0 1.6 2.4
166 28.3 22.6 34.0



#60
Diethylphthalate
Concen: 40.167 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:149 Resp: 613485
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.9 10.3 15.5

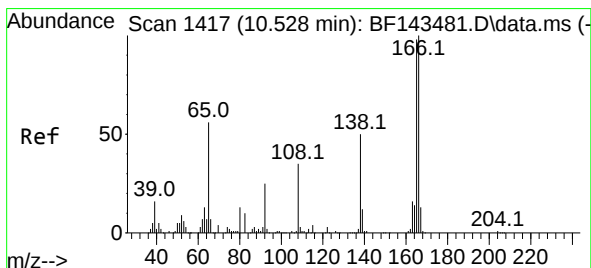
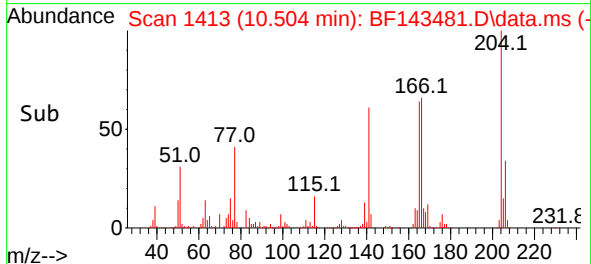
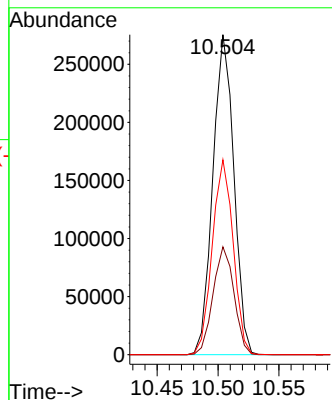
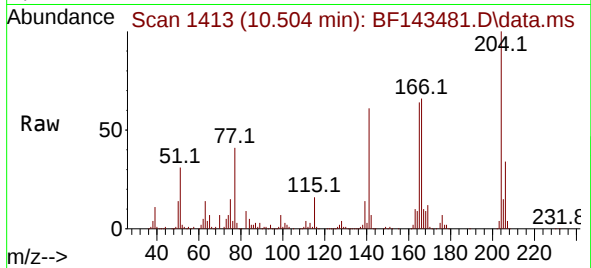




#61
4-Chlorophenyl-phenylether
Concen: 39.350 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

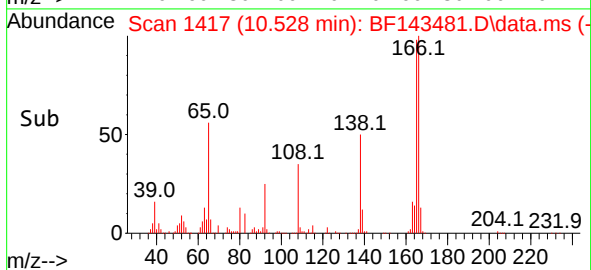
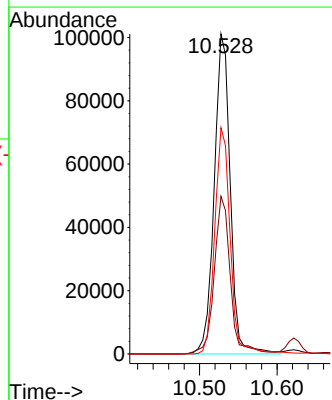
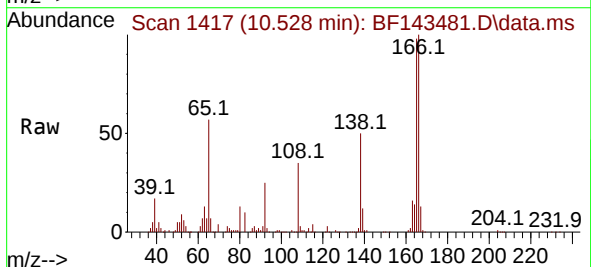
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

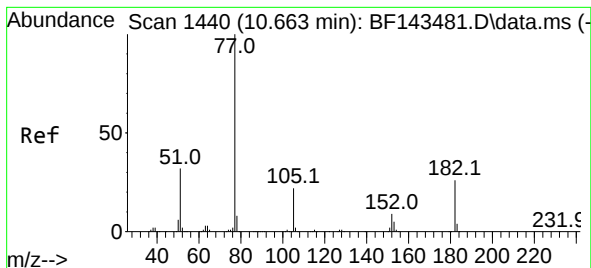
Tgt Ion:204 Resp: 330692
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 60.9 48.7 73.1



#62
4-Nitroaniline
Concen: 41.412 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:138 Resp: 145120
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 70.7 50.7 90.7





#63

Azobenzene

Concen: 40.076 ng

RT: 10.663 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 634664

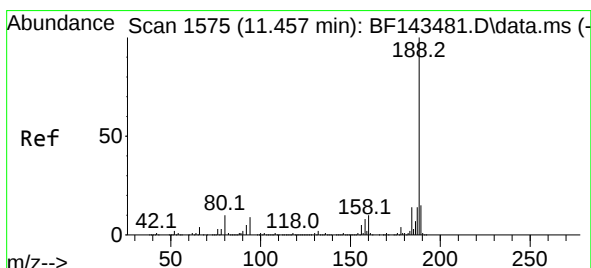
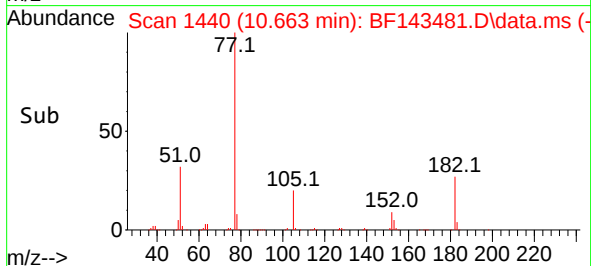
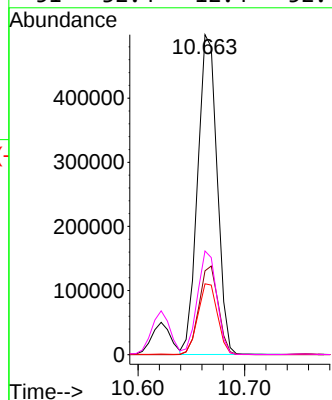
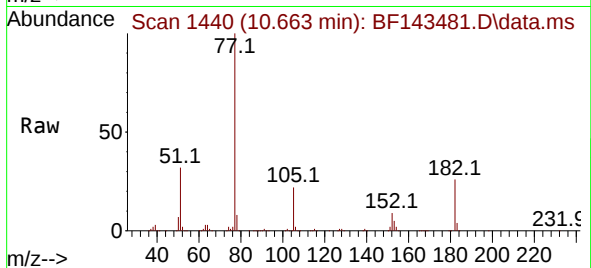
Ion Ratio Lower Upper

77 100

182 26.2 6.2 46.2

105 22.2 2.2 42.2

51 32.4 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

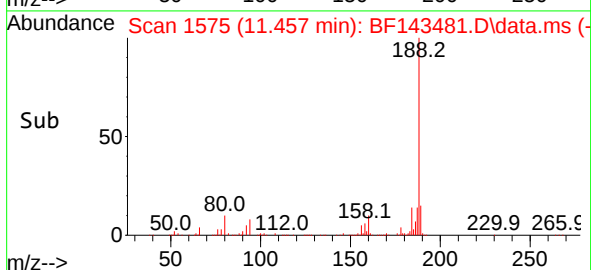
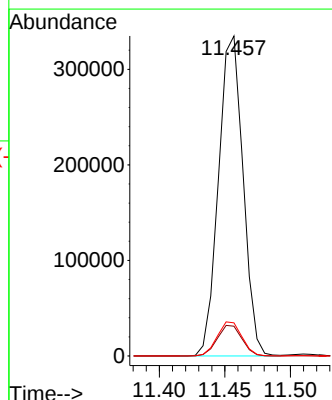
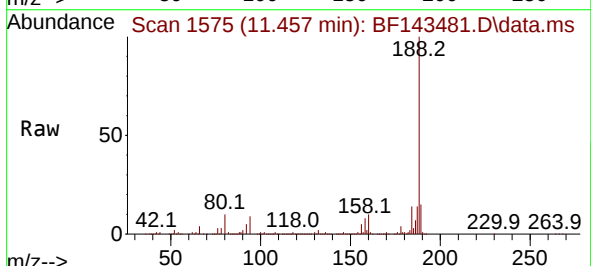
Tgt Ion: 188 Resp: 436106

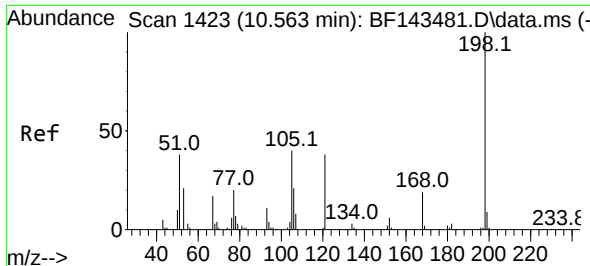
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.3 8.2 12.4

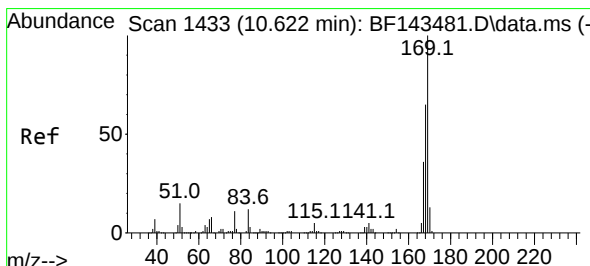
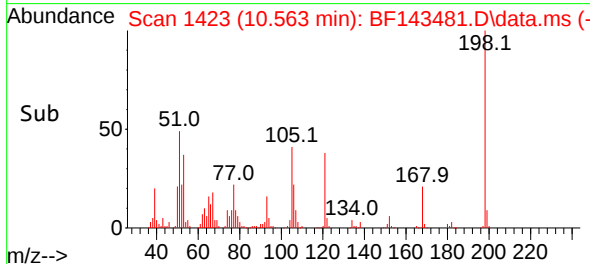
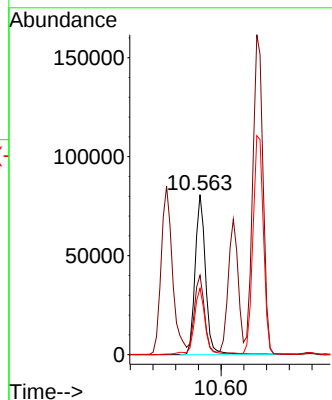
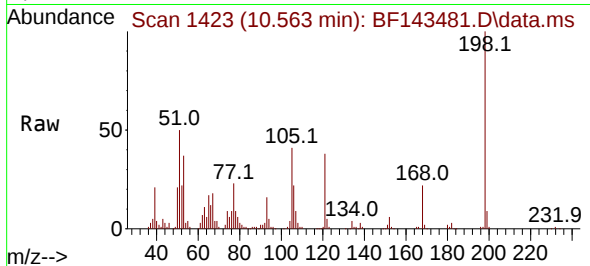




#65
4,6-Dinitro-2-methylphenol
Concen: 42.115 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

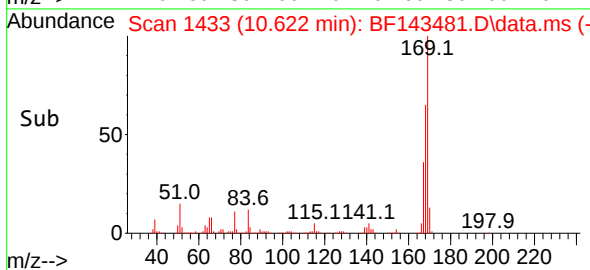
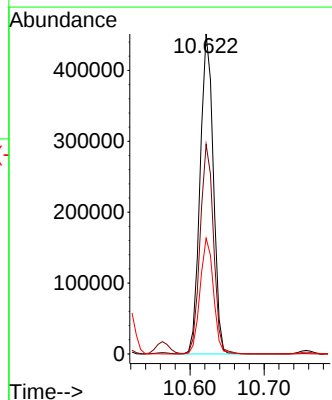
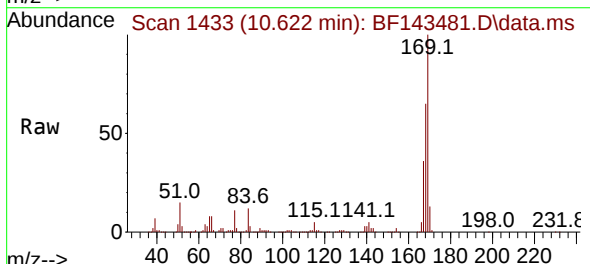
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

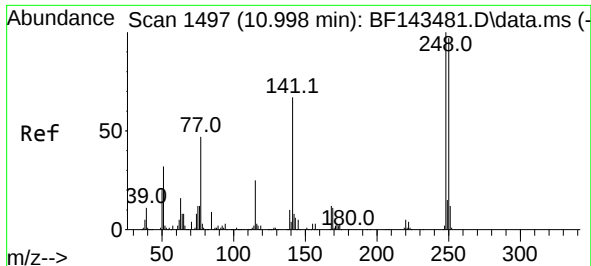
Tgt Ion:198 Resp: 103558
Ion Ratio Lower Upper
198 100
51 49.6 29.6 69.6
105 41.5 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 39.830 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:169 Resp: 558998
Ion Ratio Lower Upper
169 100
168 65.5 52.4 78.6
167 36.1 28.9 43.3

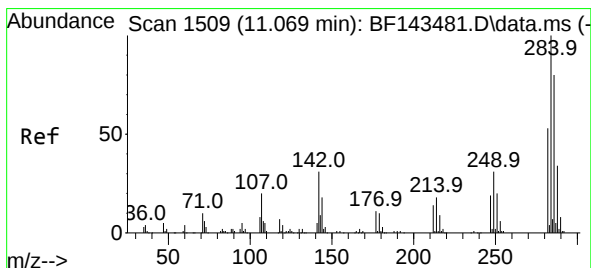
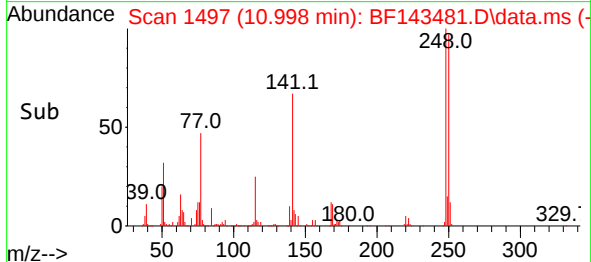
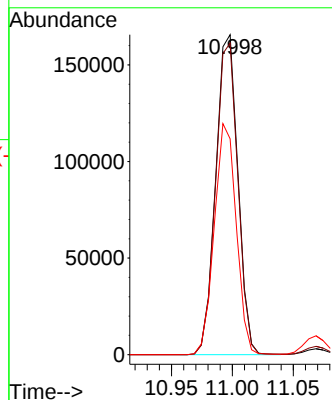
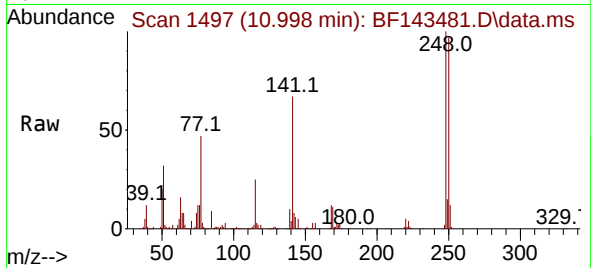




#67
4-Bromophenyl-phenylether
Concen: 40.374 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

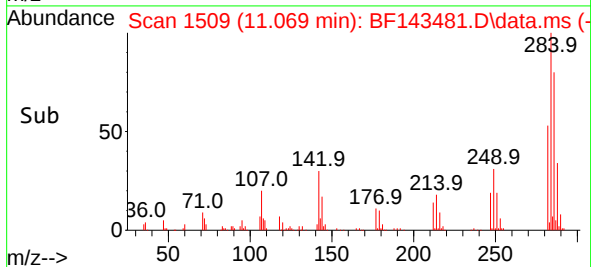
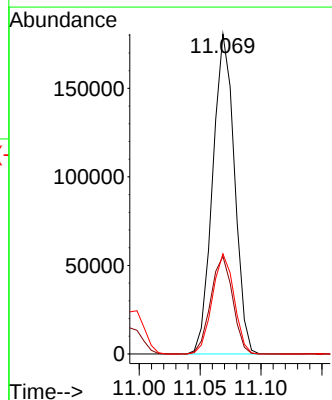
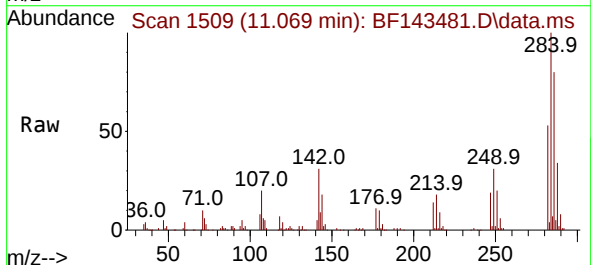
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

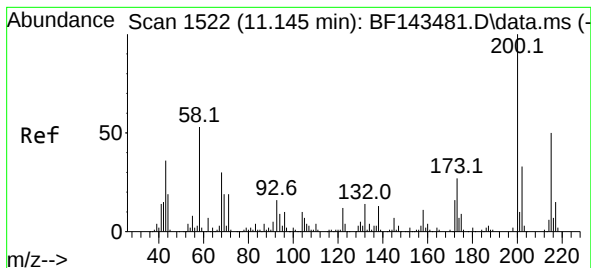
Tgt Ion:248 Resp: 210081
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 67.5 54.0 81.0



#68
Hexachlorobenzene
Concen: 39.989 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:284 Resp: 224294
Ion Ratio Lower Upper
284 100
142 30.5 24.4 36.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 40.437 ng

RT: 11.145 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

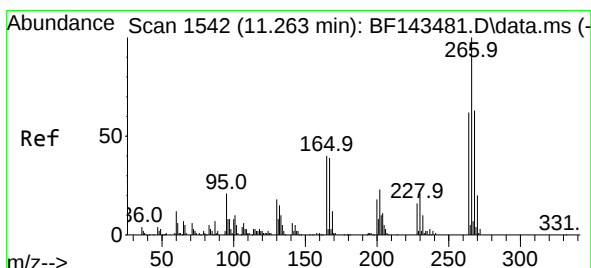
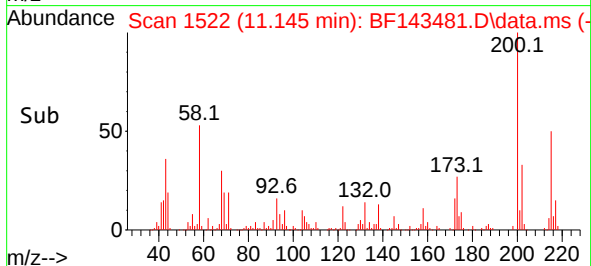
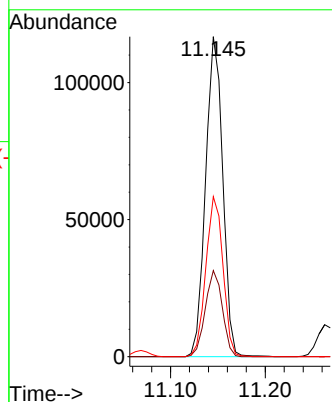
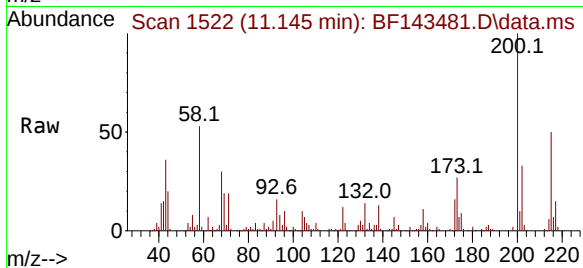
Tgt Ion:200 Resp: 146499

Ion Ratio Lower Upper

200 100

173 26.9 6.9 46.9

215 50.0 30.0 70.0



#70

Pentachlorophenol

Concen: 42.121 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

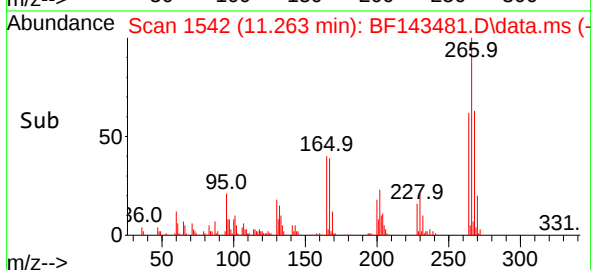
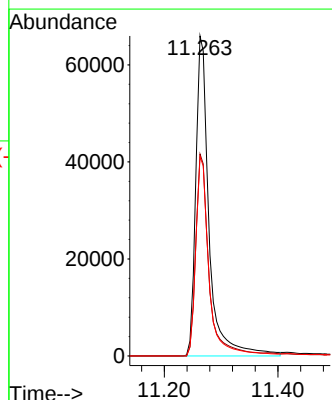
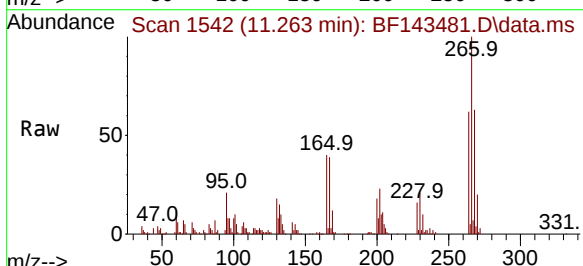
Tgt Ion:266 Resp: 108200

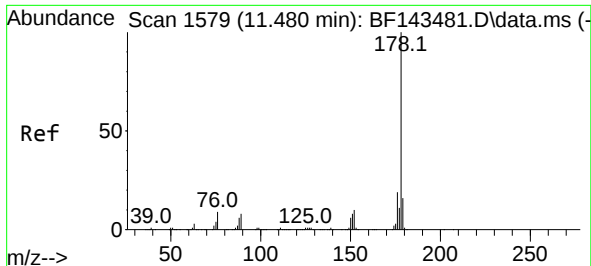
Ion Ratio Lower Upper

266 100

268 63.1 50.5 75.7

264 62.3 49.8 74.8

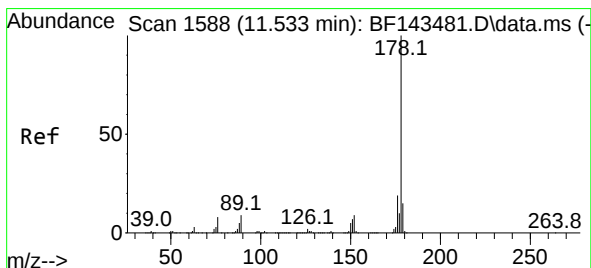
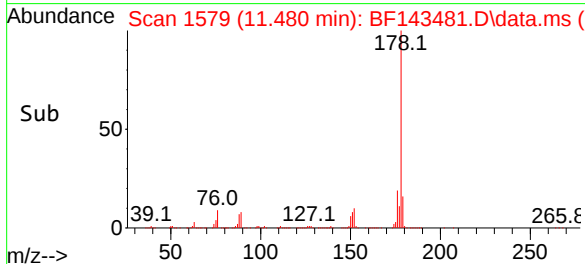
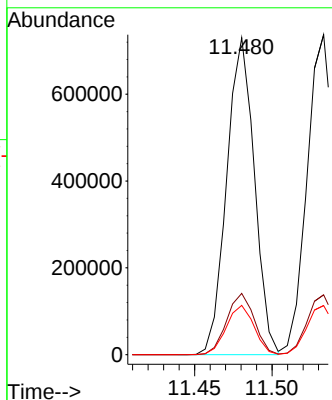
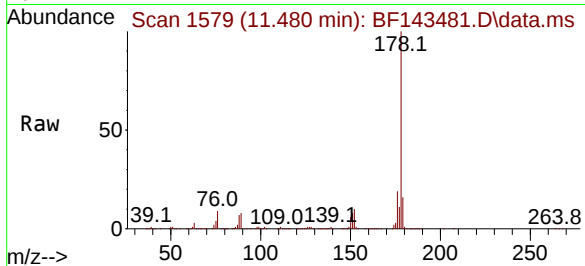




#71
Phenanthrene
Concen: 38.800 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

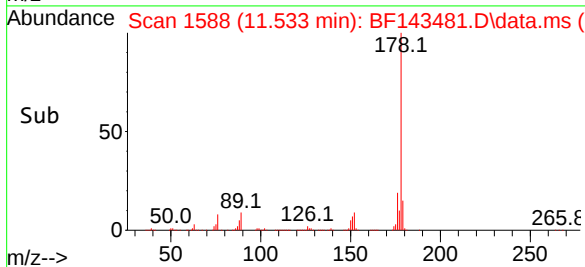
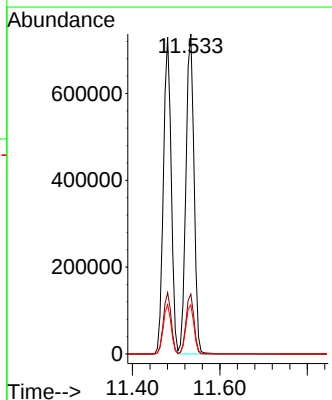
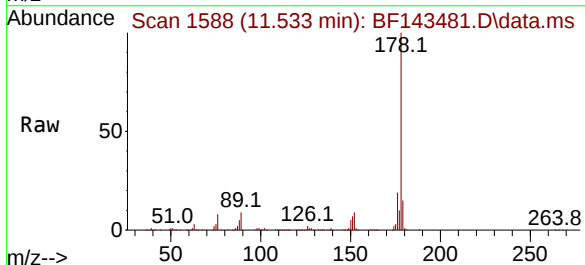
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

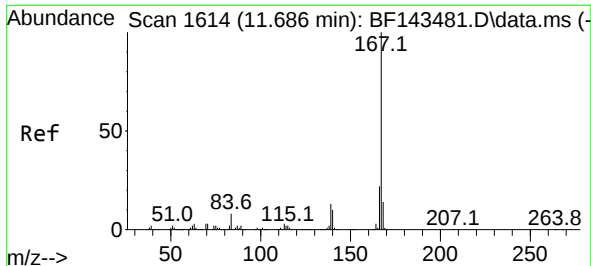
Tgt Ion:178 Resp: 906136
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 39.587 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:178 Resp: 936575
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.4 12.3 18.5

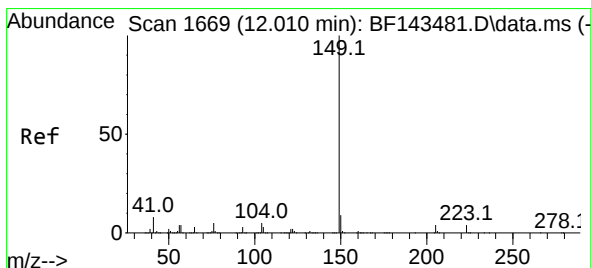
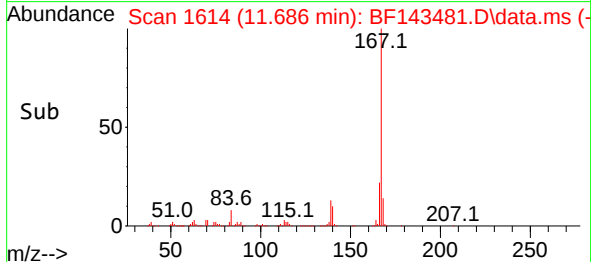
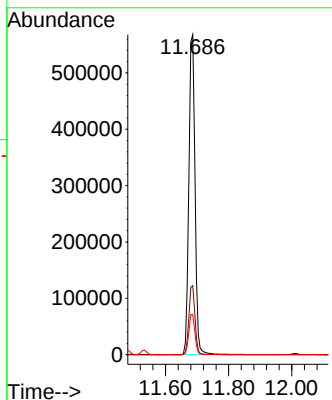
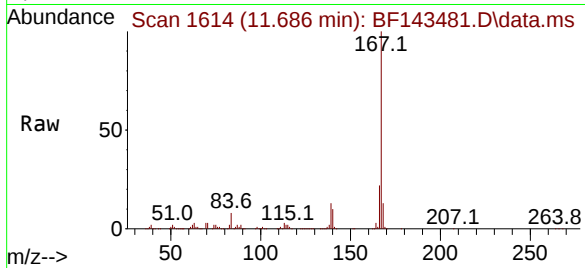




#73
 Carbazole
 Concen: 39.704 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BF143481.D
 Acq: 20 Aug 2025 12:53

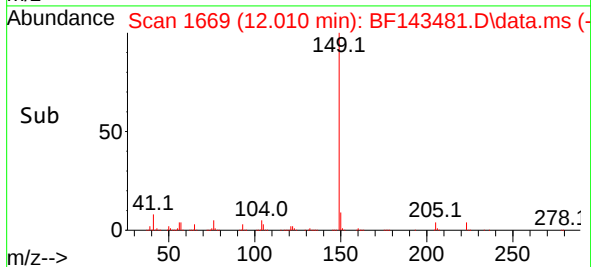
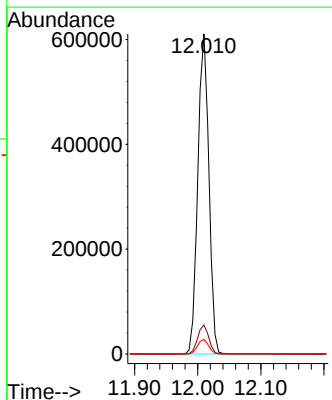
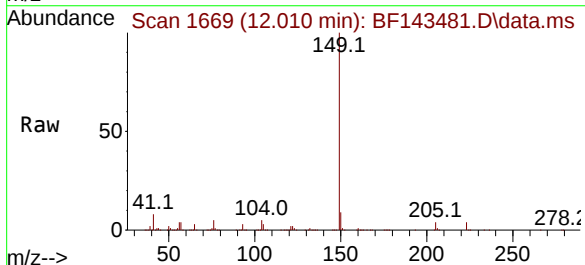
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

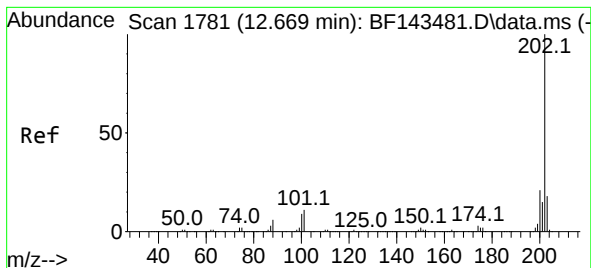
Tgt Ion:167 Resp: 769702
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 40.975 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143481.D
 Acq: 20 Aug 2025 12:53

Tgt Ion:149 Resp: 741021
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 39.378 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

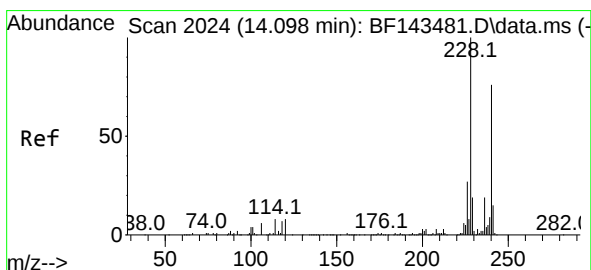
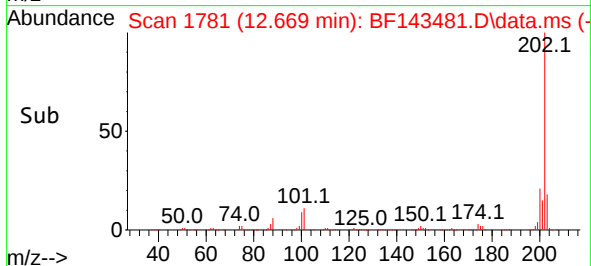
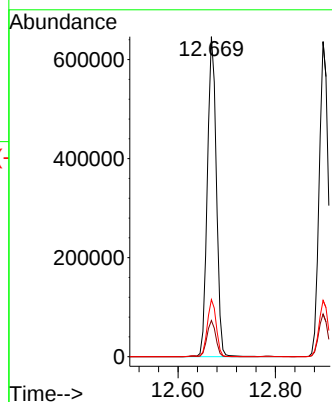
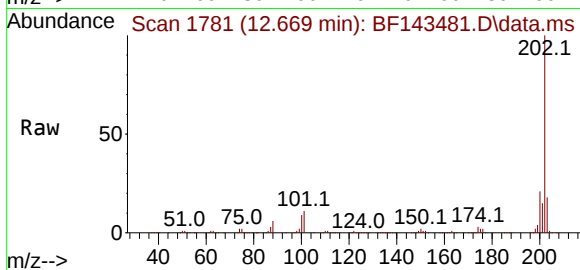
Tgt Ion:202 Resp: 825200

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

203 17.9 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: BF143481.D

Acq: 20 Aug 2025 12:53

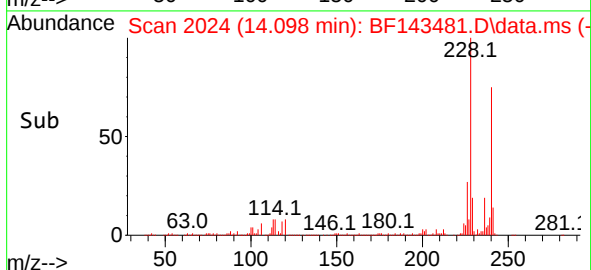
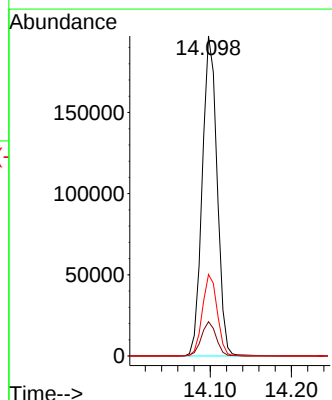
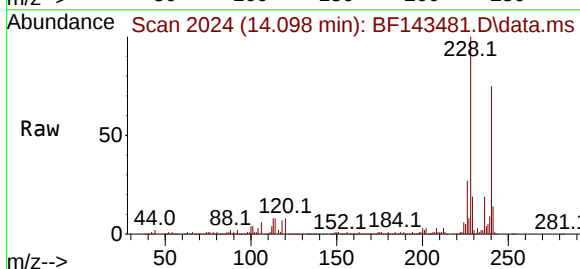
Tgt Ion:240 Resp: 249960

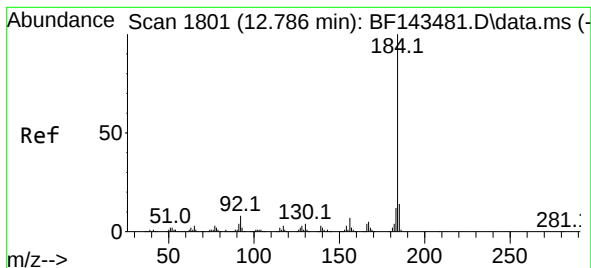
Ion Ratio Lower Upper

240 100

120 10.7 8.6 12.8

236 25.5 20.4 30.6





#77

Benzidine

Concen: 42.403 ng

RT: 12.786 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

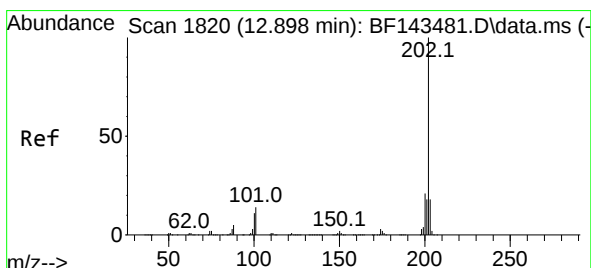
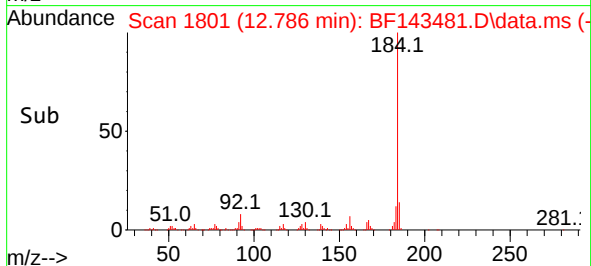
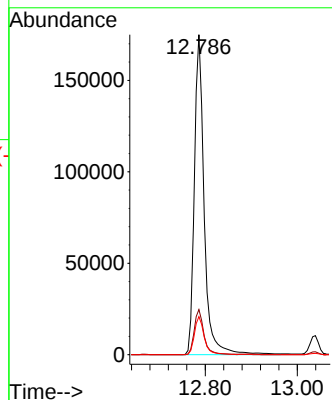
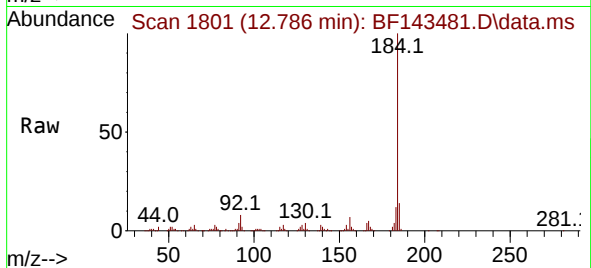
Tgt Ion:184 Resp: 258175

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

183 11.9 9.5 14.3



#78

Pyrene

Concen: 39.759 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

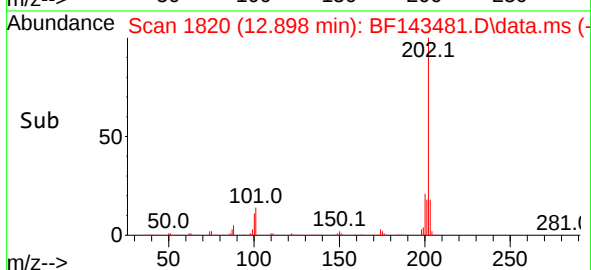
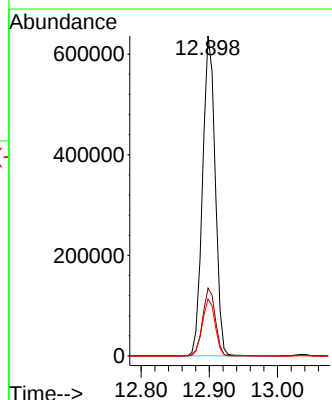
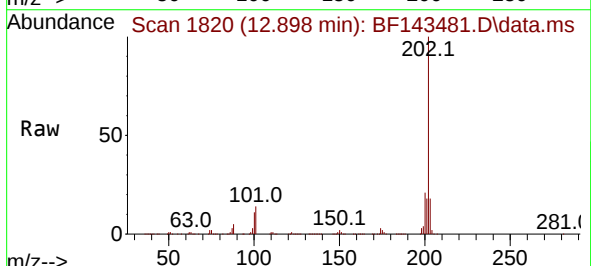
Tgt Ion:202 Resp: 817477

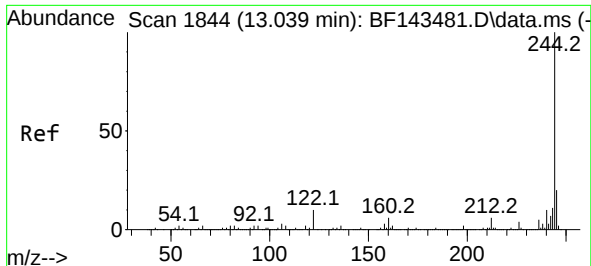
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.9 14.3 21.5

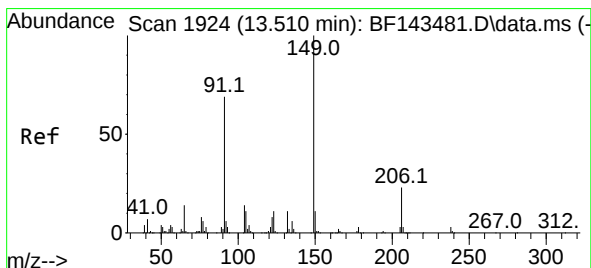
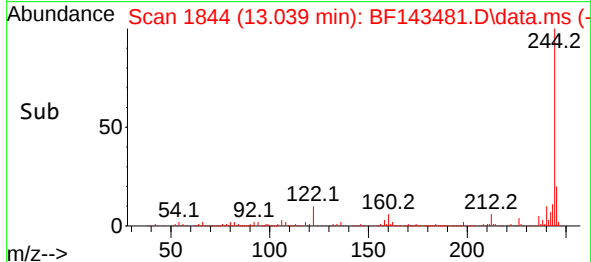
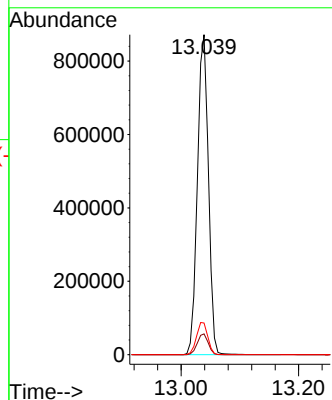
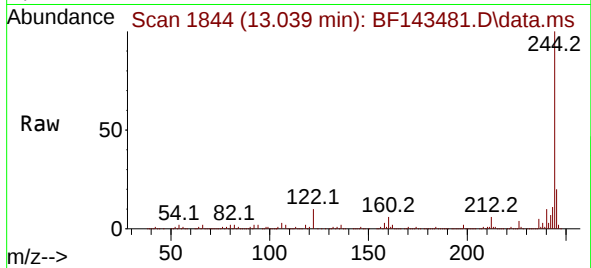




#79
 Terphenyl-d14
 Concen: 78.865 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF143481.D
 Acq: 20 Aug 2025 12:53

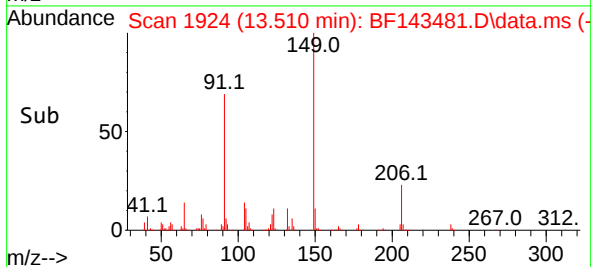
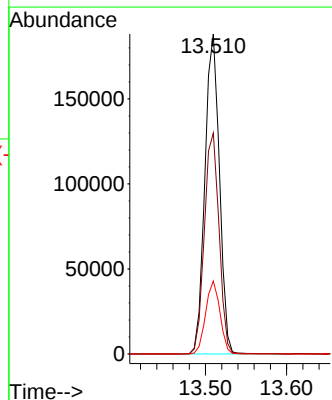
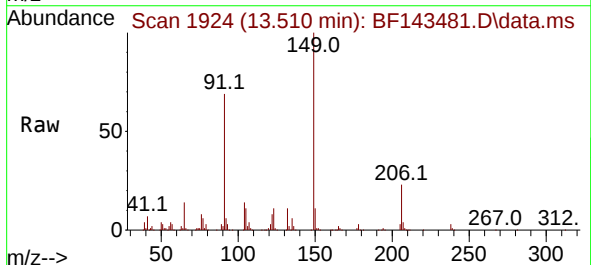
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

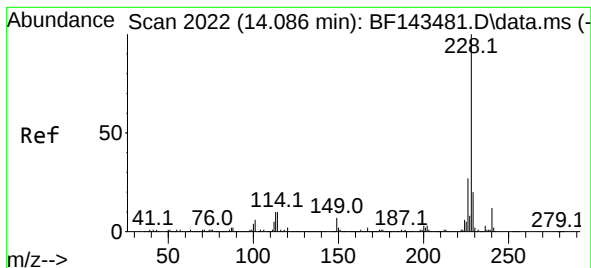
Tgt Ion:244 Resp: 1129659
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 9.9 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 41.552 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF143481.D
 Acq: 20 Aug 2025 12:53

Tgt Ion:149 Resp: 233397
 Ion Ratio Lower Upper
 149 100
 91 69.1 55.3 82.9
 206 22.8 18.2 27.4





#81

Benzo(a)anthracene

Concen: 40.938 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

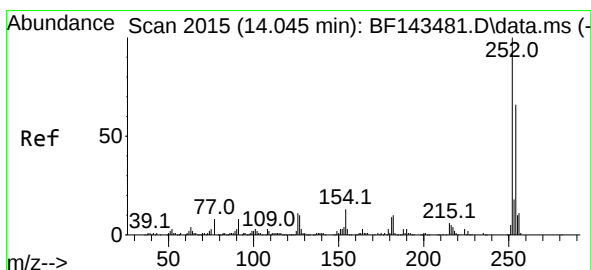
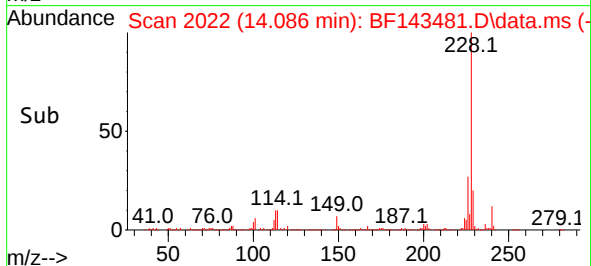
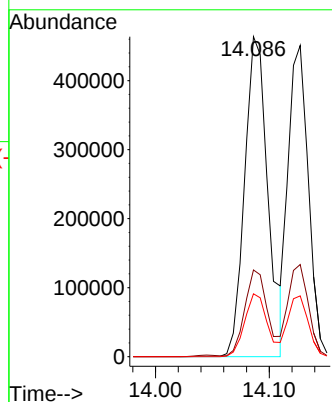
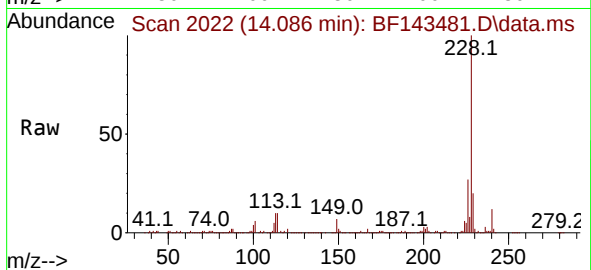
Tgt Ion:228 Resp: 658804

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.425 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

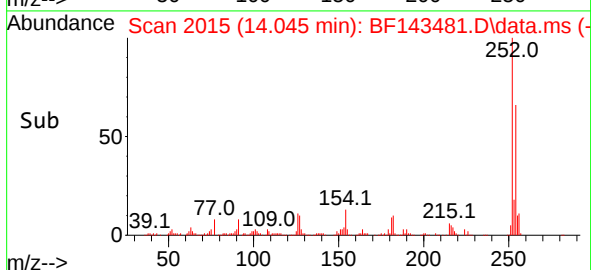
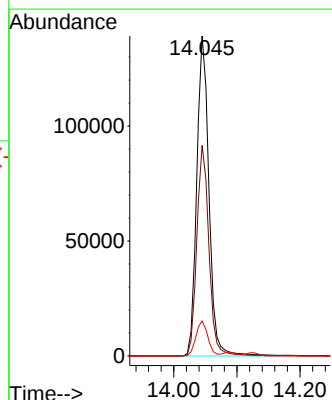
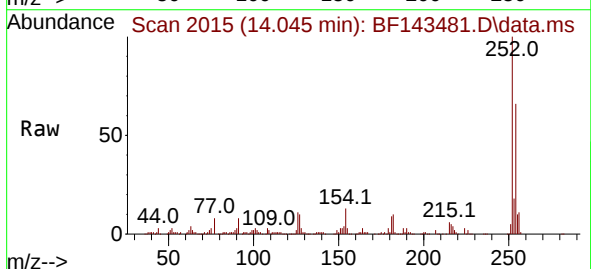
Tgt Ion:252 Resp: 186301

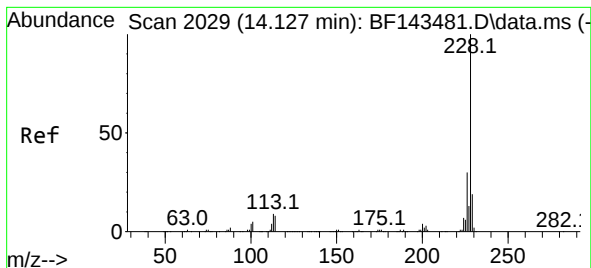
Ion Ratio Lower Upper

252 100

254 65.8 52.6 79.0

126 10.9 8.7 13.1





#83

Chrysene

Concen: 38.482 ng

RT: 14.127 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

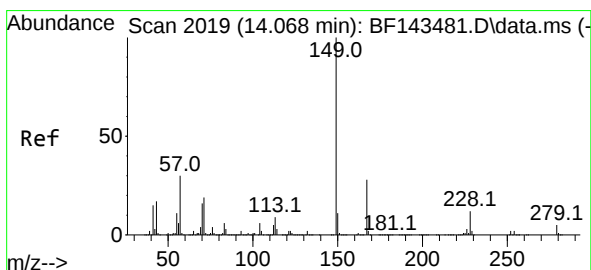
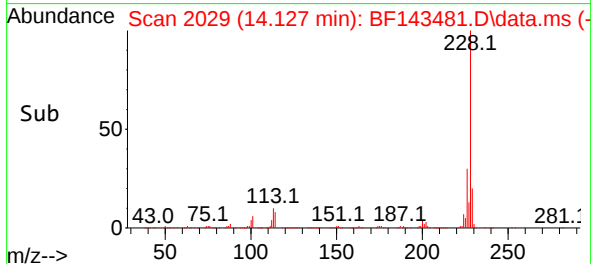
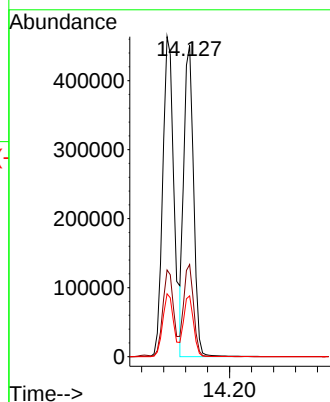
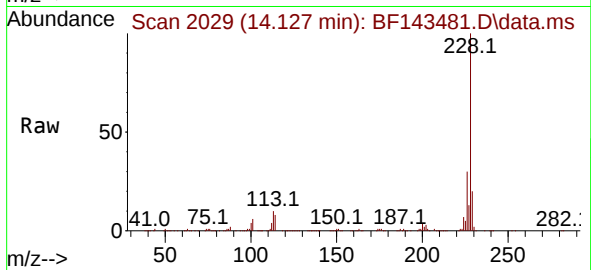
Tgt Ion:228 Resp: 556527

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.471 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

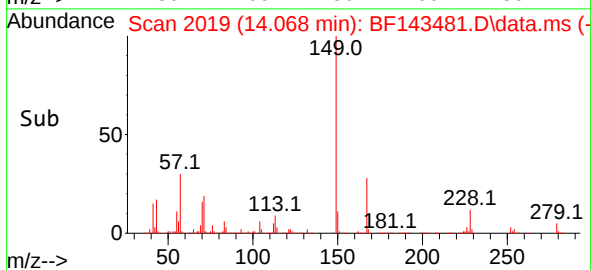
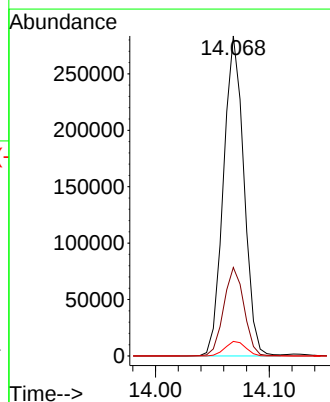
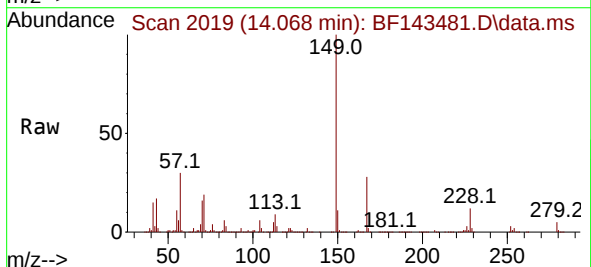
Tgt Ion:149 Resp: 354779

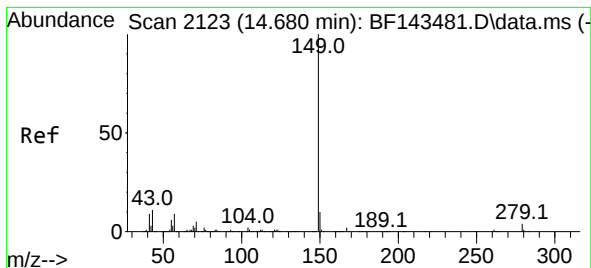
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 40.959 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

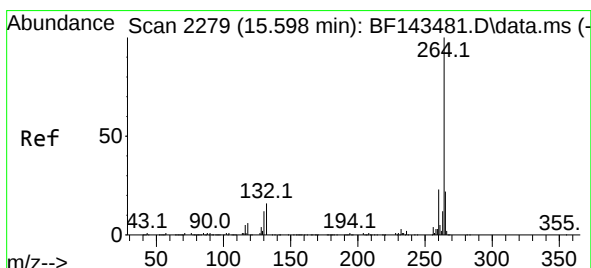
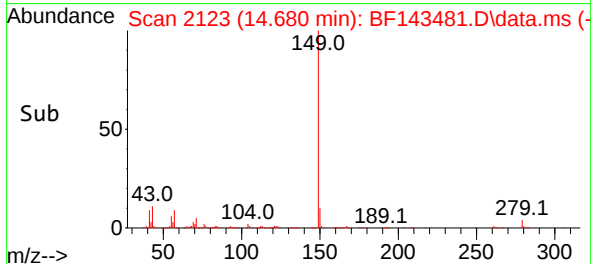
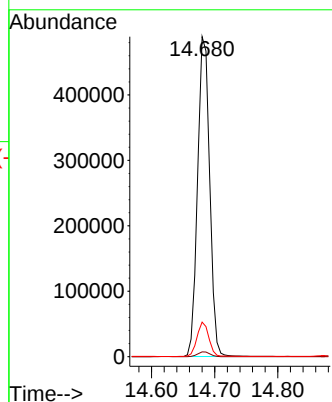
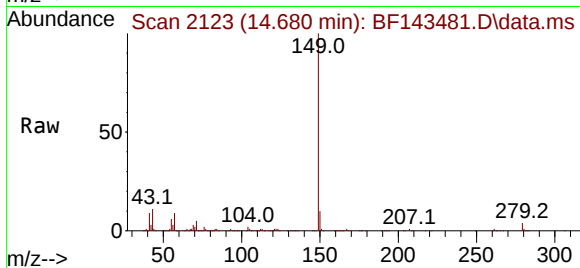
Tgt Ion:149 Resp: 649137

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.6 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF143481.D

Acq: 20 Aug 2025 12:53

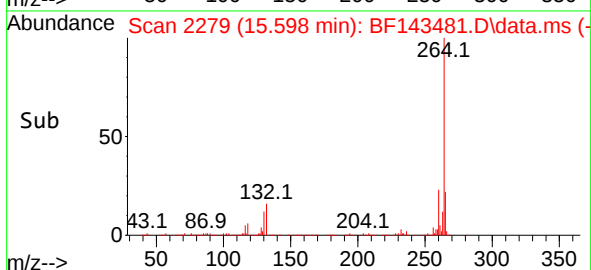
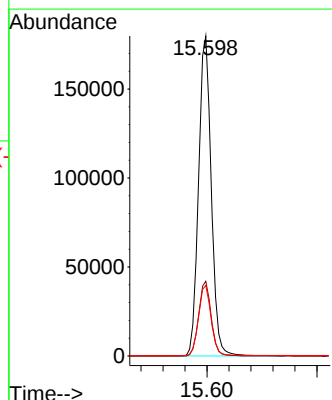
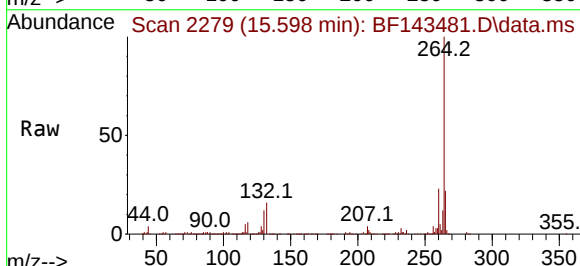
Tgt Ion:264 Resp: 288139

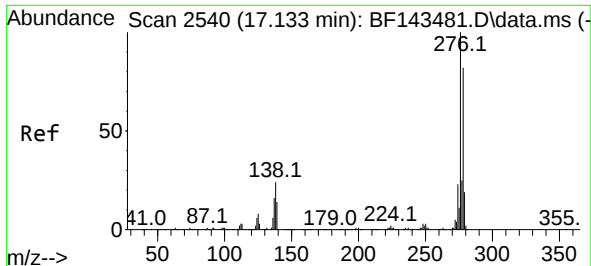
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.0 17.6 26.4

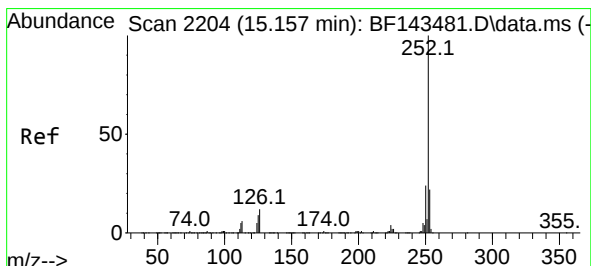
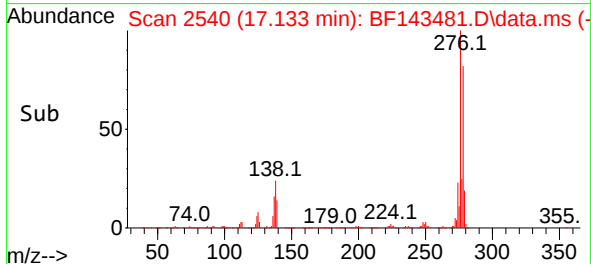
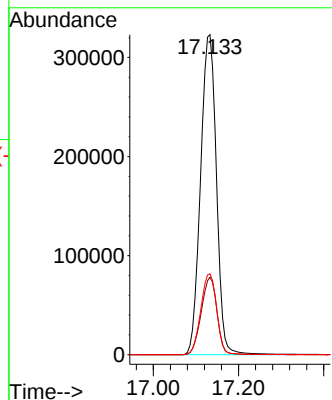
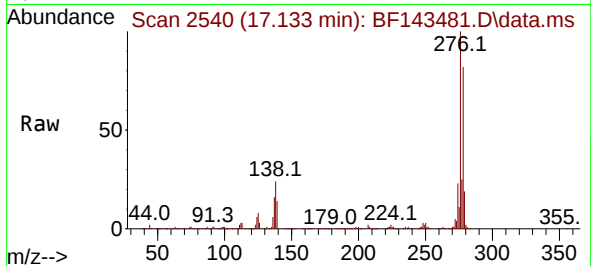




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.334 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

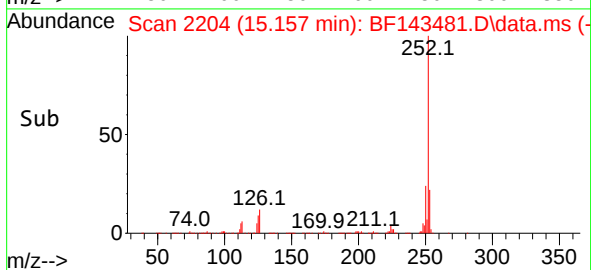
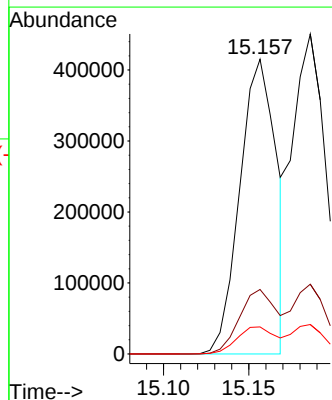
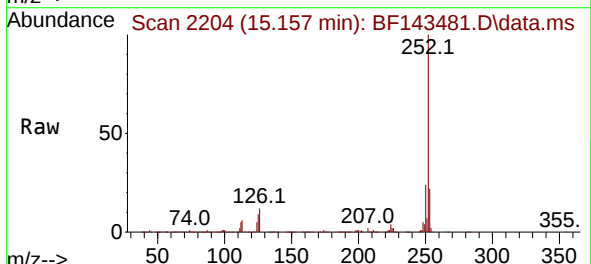
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

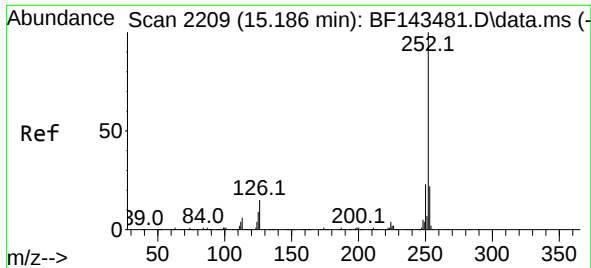
Tgt Ion:276 Resp: 835150
Ion Ratio Lower Upper
276 100
138 24.0 19.2 28.8
277 25.4 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 38.627 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:252 Resp: 618677
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.2 7.4 11.0

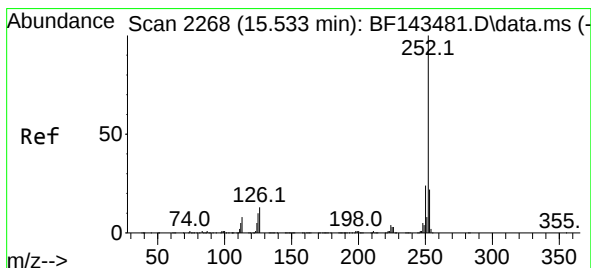
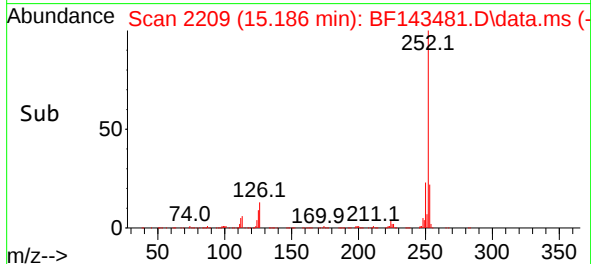
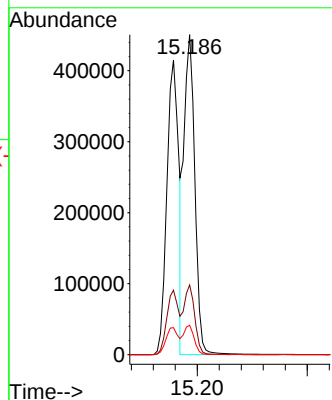
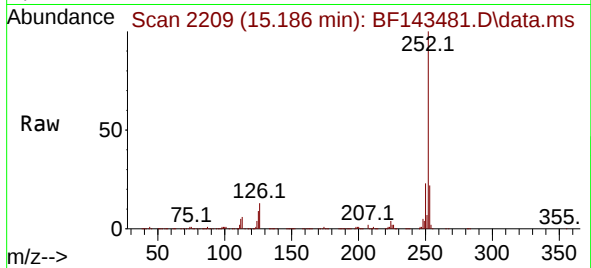




#89
Benzo(k)fluoranthene
Concen: 40.628 ng
RT: 15.186 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

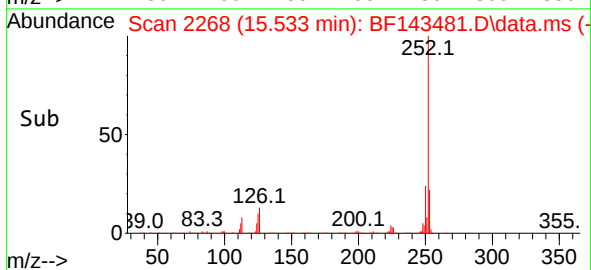
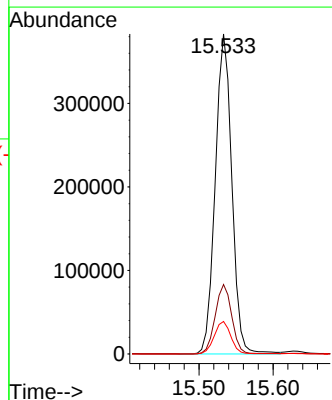
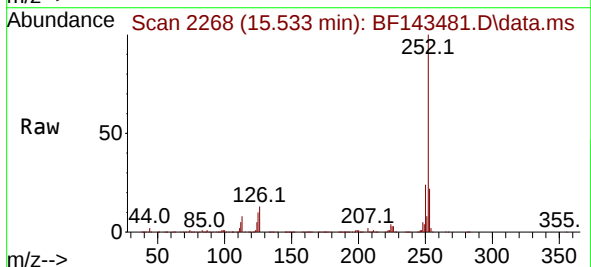
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

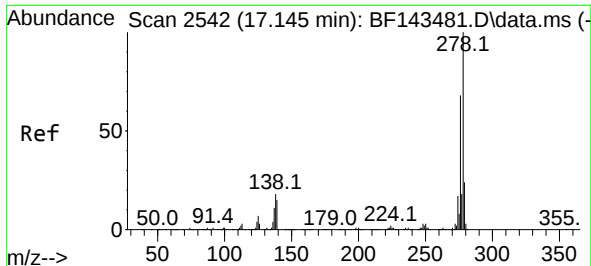
Tgt Ion:252 Resp: 623043
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.996 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:252 Resp: 594623
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.2 8.2 12.2



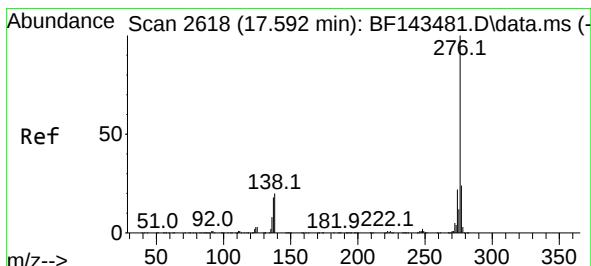
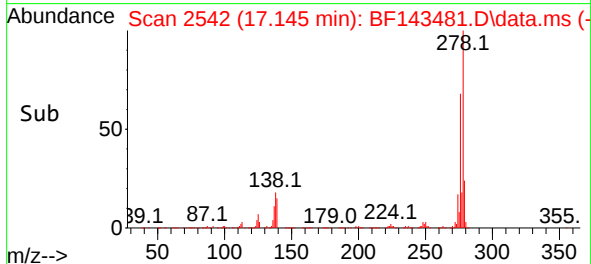
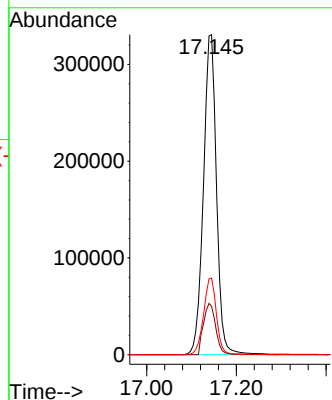
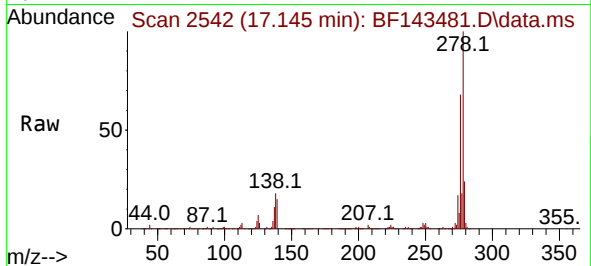


#91
Dibenzo(a,h)anthracene
Concen: 40.370 ng
RT: 17.145 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 669452

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	24.0	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 40.417 ng
RT: 17.592 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF143481.D
Acq: 20 Aug 2025 12:53

Tgt Ion:276 Resp: 666442

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	20.4	16.3	24.5

